



May 8, 2019

Charlotte B. Theobald
New York State Department of Environmental Conservation
6274 East Avon-Lima Road
Avon, New York 14414

Re: Emerging Contaminants Sampling Results
Eldre Corporation
1500 Jefferson Road & 55 Hofstra Road
Henrietta, New York
NYSDEC BCP Site C828182
LaBella Project No. 212721.01

Dear Ms. Theobald,

LaBella Associates, D.P.C. ("LaBella") is submitting this letter summarizing emerging contaminants sampling results at the New York State Department of Environmental Conservation ("NYSDEC") Brownfield Cleanup Program ("BCP") Site #C828182 located at 1500 Jefferson Road and 55 Hofstra Road in the Town of Henrietta, New York, herein after referred to as "the Site." This letter serves as an addendum to the Remedial Investigation Report dated May 2018 and summarizes analytical results for emerging contaminants, per- and polyfluoroalkyl substances ("PFAS") and 1,4-dioxane in groundwater. Sampling was conducted in accordance with *Emerging Contaminants Sampling Work Plan* dated October 24, 2018 and approved by NYSDEC on December 18, 2018 and NYSDEC's *Sampling for 1,4-Dioxane and Per-and Polyfluoroalkyl Substances (PFAS) Under DEC's Part 375 Remedial Programs* Guidance Document dated March 2019 ("NYSDEC Guidance").

SAMPLING PROCEDURES

The following wells were sampled for PFAS and 1,4-dioxane on April 3, 2019 (refer to Figure 1 for locations):

- SB-215/MW-19 (upgradient of source)
- SB-208/MW-15 (source area)
- SB-212/MW-16 (downgradient of source)

Samples for PFAS analysis were collected first, using dedicated disposable high density polyethylene (HDPE)/ PVC bailers. The PFAS samples were collected in laboratory-supplied bottle-ware with Teflon-free lids. Suspected PFAS-containing materials were not used or present in the vicinity during sampling (i.e., no Teflon®, LDPE, Tyvek®, Gortex®, etc.). Quality assurance/ quality control (QA/QC) samples for PFAS sampling included one (1) field duplicate, one (1) matrix spike / matrix spike duplicates (MS/MSD) and one (1) equipment blank.

Samples for 1,4-dioxane analysis were collected via low-flow techniques (i.e., bladder pump) following PFAS sample collection. Wells were purged and water quality parameters including turbidity, pH, temperature, specific conductivity, dissolved oxygen, oxidation reduction potential, and depth to water was recorded at five (5) minute intervals. Sampling logs are included in Appendix 1.

Purge water was containerized in a 55-gallon drum on-Site pending off-Site disposal. QA/QC samples for 1,4-dioxane sampling included one (1) field duplicate and one (1) MS/MSD.

Samples were submitted to Alpha Analytical, an Environmental Laboratory Accreditation Program (ELAP) certified laboratory. Samples were analyzed for PFAS (21 compounds) via modified United States Environmental Protection Agency (USEPA) Method 537 with a reporting limit less than 2 nanograms per liter (ng/L) [i.e., 0.002 micrograms per liter (ug/L)] and for 1,4-dioxane via USEPA Method 8270 SIM with a reporting limit less than 0.35 ug/L. ASP Category B data deliverables and NYSDEC EQUIS Electronic Data Deliverables (EDDs) were provided by the laboratory. Results were validated by Dataval Inc., a third party validator. Changes made in the data usability summary report (DUSR) are included in Table 1. The DUSR is included as Appendix 3.

ANALYTICAL RESULTS

There are currently no groundwater standards/ guidance values for PFAS in New York. The USEPA issued a Drinking Water Health Advisory for Perfluorooctanoic acid (PFOA) and Perfluorooctanesulfonic acid (PFOS).

PFOA was detected at 0.00267 ug/L or 2.67 ng/L in MW-15. PFOS was not detected in any of the samples. Total PFOA and PFOS do not exceed the USEPA Health Advisory Level of 70 ng/L. It should be noted that 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS) was detected in the equipment blank and the Blind Duplicate collected from MW-19. No other compounds were detected in the equipment blank.

1,4-dioxane was not detected in any of the samples. There are currently no groundwater standards/ guidance values for 1,4-dioxane in New York.

Refer to Table 1 for tabulated data. The laboratory report and DUSR are included as Appendix 2 and Appendix 3, respectively.

CONCLUSIONS

Based on the analytical results, no further action appears warranted for emerging contaminants in groundwater. The emerging contaminant sampling results do not change the findings and conclusions of the Remedial Investigation (RI) Report and do not change the proposed remedy in the Remedial Alternatives Analysis (RAA).

CERTIFICATION

I Daniel P. Noll certify that I am currently a NYS registered professional engineer and that this Supplemental Remedial Investigation Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plans and any DER-approved modifications.

If you have any questions please do not hesitate to contact me at (585) 295-6611.



NYSDEC – Ms. Charlotte Theobald
May 8, 2019
Page 3

Respectfully submitted,

LABELLA ASSOCIATES, D.P.C.



Daniel P. Noll, PE
Project Manager



Figure

Table

Appendix 1 – Low Flow Sampling Logs

Appendix 2 – Laboratory Report

Appendix 3 – Data Usability Summary Report (DUSR)

I:\ELDRE CORPORATION\212721.01 - BCP REMOVAL PHASE\REPORTS\EMERGING CONTAMINANTS RESULTS\C828182 ELDRE EMERGING CONTAMINANTS RESULTS.DOCX





FIGURE

ELDRE CORPORATION
BCP SITE C828182

1500 JEFFERSON ROAD
AND 55 HOFSTRA ROAD

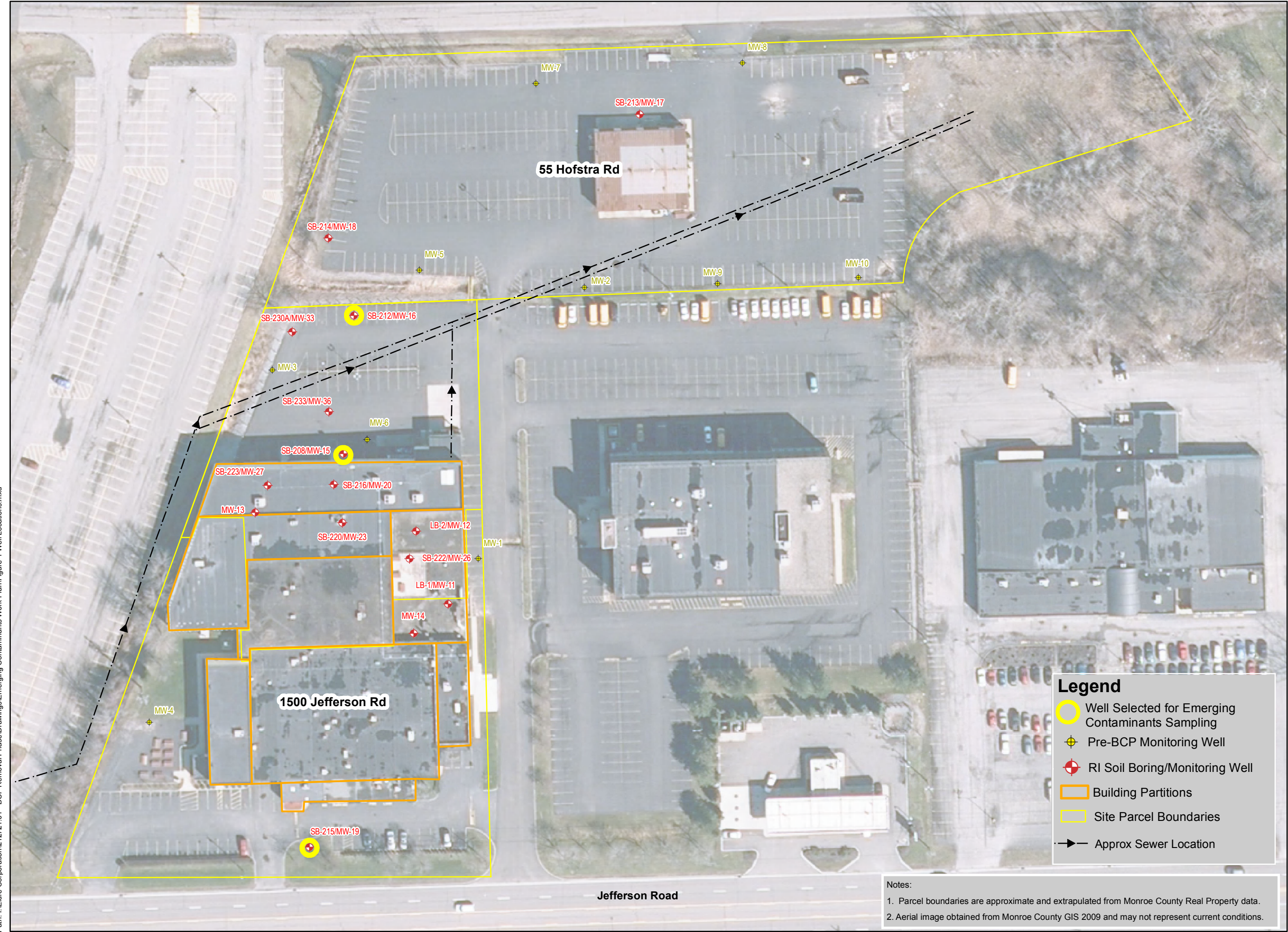
Monitoring Well Locations



0 40 80
Feet

1 inch = 80 feet
Intended to print as 11" x 17".

[212721.01]
[FIGURE 1]



Notes:
1. Parcel boundaries are approximate and extrapolated from Monroe County Real Property data.
2. Aerial image obtained from Monroe County GIS 2009 and may not represent current conditions.



TABLE

Table 1 - Emerging Contaminants in Groundwater Samples
Eldre Corporation - 1500 Jefferson Road
Results in Micrograms per Liter (µg/L) or Parts Per Billion (ppb)

Sample ID	MW-15		MW-16		MW-19		BLIND DUPLICATE (MW-19)	ERB-01 (Equipment Blank)	NYSDEC Part 703 Groundwater Standards
Sample Collection Date	4/3/2019		4/3/2019		4/3/2019		4/3/2019	4/3/2019	
Type of Well Installation	Permanent		Permanent		Permanent		Permanent	Permanent	
1,4-Dioxane (8270 SIM)									
1,4-Dioxane	0.139	U	0.147	U	0.139	U	0.136	U	NA
PFAS (537 MOD)									
Perfluorobutanoic Acid (PFBA)	0.000817	J	0.00174	J	0.000835	J	0.00108	J	NA
Perfluoropentanoic Acid (PFPeA)	0.00172	U	0.00202	U	0.00202	U	0.00201	U	NA
Perfluorobutanesulfonic Acid (PFBS)	0.00172	U	0.00202	U	0.00202	U	0.00201	U	NA
Perfluorohexanoic Acid (PFHxA)	0.00172	U	0.00202	U	0.00202	U	0.00201	U	NA
Perfluoroheptanoic Acid (PFHpA)	0.00172	U	0.00202	U	0.00202	U	0.00201	U	NA
Perfluorohexanesulfonic Acid (PFHxS)	0.00172	UJ	0.00202	UJ	0.00202	UJ	0.00201	UJ	NA
Perfluorooctanoic Acid (PFOA)	0.00267		0.00202	U	0.00202	U	0.00201	U	NA
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.00172	U	0.00202	U	0.00202	U	0.00103	J	0.00932
Perfluoroheptanesulfonic Acid (PFHpS)	0.00172	U	0.00202	U	0.00202	U	0.00201	U	NA
Perfluorononanoic Acid (PFNA)	0.00172	U	0.00202	U	0.00202	U	0.00201	U	NA
Perfluorooctanesulfonic Acid (PFOS)	0.00172	UJ	0.00202	UJ	0.00202	UJ	0.00201	UJ	NA
Perfluorodecanoic Acid (PFDA)	0.00172	U	0.00202	U	0.00202	U	0.00201	U	NA
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	0.00172	U	0.00202	U	0.00202	U	0.00201	U	NA
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.00131	J	0.00202	U	0.00202	U	0.00201	U	NA
Perfluoroundecanoic Acid (PFUnA)	0.00172	U	0.00202	U	0.00202	U	0.00201	U	NA
Perfluorodecanesulfonic Acid (PFDS)	0.00172	U	0.00202	U	0.00202	U	0.00201	U	NA
Perfluorooctanesulfonamide (FOSA)	0.00172	U	0.00202	U	0.00202	UJ	0.00201	U	NA
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.00196		0.00202	U	0.00202	U	0.00201	U	NA
Perfluorododecanoic Acid (PFDoA)	0.00172	U	0.00202	U	0.00202	U	0.00201	U	NA
Perfluorotridecanoic Acid (PFTTrDA)	0.00172	U	0.00202	U	0.00202	U	0.00201	U	NA
Perfluorotetradecanoic Acid (PFTA)	0.00172	U	0.00202	U	0.00202	U	0.00201	U	NA
TOTAL PFOA + PFOS	0.00267		0.00202	U	0.00202	U	0.00201	U	NA

Notes & Data Qualifiers

U - The compound was not detected above the reporting limit, with the limit shown.

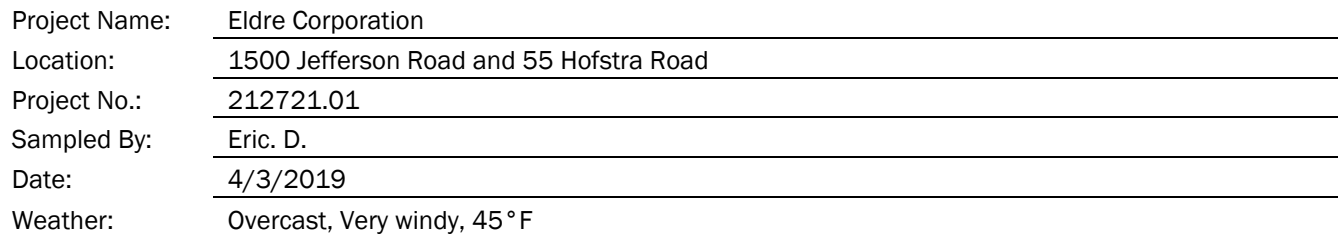
NA - Not applicable

J - Estimated value



APPENDIX 1

Field Logs



WELL SAMPLING INFORMATION

Well Diameter:	1 inch	Static Water Level:	0.45 feet
Depth of Well:	NA	Length of Well Screen:	NA
Measuring Point:	Below top of casing	Depth to Top of Pump:	NA
Pump Type:	¾ inch bailer	Tubing Type:	NA

FIELD PARAMETER MEASUREMENT

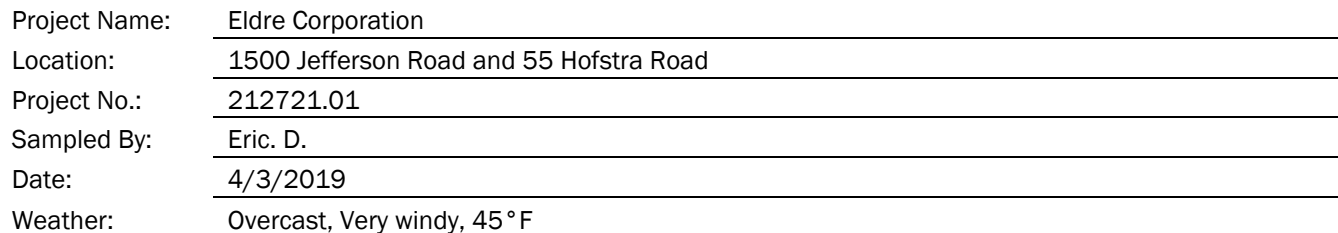
[illegible]

Total	0.3	Gallons Purged

Purge Time Start:	1340	Purge Time End:	1340	Final Static Water Level:	NA

OBSERVATIONS

Bailed well dry after excavating ~ 0.3 – 0.4 gallons of groundwater



WELL I.D.: MW-15

Well Diameter:	2"	Static Water Level:	5.48 feet
Depth of Well:	16.62 feet below top of casing	Length of Well Screen:	~10 feet
Measuring Point:	Top of casing	Depth to Top of Pump:	11 feet
Pump Type:	QED Sample Pro Bladder Pump	Tubing Type:	¼ inch HDPE

[illegible]

Total	~ 4	Gallons Purged

Purge Time Start:	1700	Purge Time End:	1745	Final Static Water Level:	11.23 feet

Collect MW-15-04-03-2019 for PFAs @ 1642.
No Sheen on purge water; grey-brown turbidity.
Collect MW-15-04-03-2019 for 1,4-Dioxane @ 1750.
Bladder pump for 1,4-Dioxane.
PFC-free bailer for PFAs.



Project Name: Eldre Corporation

Location: 1500 Jefferson Road and 55 Hofstra Road

Project No.: 212721.01

Sampled By: Eric. D.

Date: 4/3/2019

WELL I.D.: MW-19

Weather: Overcast, Very windy, 45 ° F

WELL SAMPLING INFORMATION

Well Diameter: 2"

Depth of Well: 19.83 below top of casing

Measuring Point: Top of casing

Pump Type: QED Sample Pro Bladder Pump

Static Water Level: 9.31

Length of Well Screen: NA

Depth to Top of Pump: 15 feet below top of casing

Tubing Type: 1/4 inch HDPE

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Gallons Purged	pH	Temp °C	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved O ₂ (mg/L)	Redox (mV)			Comments
			+/- 0.1		+/- 3%		+ 10%	+/- 10 mV			
1205	325 ml/min	0.1	6.81	10.4	1.876	461	1.72	-45.3			Start purge
1215		1	7.08	10.0	2.083	340	0.37	-100.3			
1225		1.75	7.15	9.7	2.118	78.6	0.18	-124.8			
1235		2.8	7.16	9.6	2.183	15.25	0.09	-134.6			
1245		3.5	7.14	9.6	2.173	11.14	0.06	-138.7			
1250		4	7.16	9.5	2.191	21.6	0.06	-134.5			Stop purge

Total 4 Gallons Purged

Purge Time Start: 1205

Purge Time End: 1250

Final Static Water Level: 9.83

OBSERVATIONS

Collect Sample MW-19-04-03-2019 for 1,4 dioxane @ 1255 and Blind Duplicate-01

Collect Sample MW-19-04-03-2019 @ 1115 for PFAs by PFAs-free bailer (no purge) and Blind Duplicate-01 for PFAs @ 1115



Project Name: Eldre Corporation

Location: 1500 Jefferson Road and 55 Hofstra Road

Project No.: 212721.01

Sampled By: Eric. D.

Date: 4/3/2019

WELL I.D.: MW-16

Weather: Overcast, Very windy, 45 ° F

WELL SAMPLING INFORMATION

Well Diameter: 2"

Depth of Well: 20.32 feet below top of casing

Measuring Point: Top of casing

Pump Type: QED Sample Pro Bladder Pump

Static Water Level: 5.02 feet

Length of Well Screen: NA

Depth to Top of Pump: 15 feet

Tubing Type: 1/4 inch HDPE

FIELD PARAMETER MEASUREMENT

Time	Pump Rate	Gallons Purged	pH	Temp °C	Conductivity (mS/cm)	Turbidity (NTU)	Dissolved O ₂ (mg/L)	Redox (mV)			Comments
			+/- 0.1		+/- 3%		+ 10%	+/- 10 mV			
1455	325 ml/min	0.1	7.29	9.7	1.826	136.4	1.82	54.3			
1505		1	7.24	9.4	1.835	66.5	0.35	-30.5			
1515		1.8	7.21	9.3	1.916	35.3	0.29	-50.3			
1525		2.8	7.19	9.4	1.996	23.5	0.19	-65.4			
1535		4	7.11	9.4	2.177	24.37	0.18	-74.2			
1545		5	7.15	9.7	2.141	35.07	0.13	-84.2			
1555		6	7.20	9.8	2.006	44.86	0.10	-86.62			

Total 6 Gallons Purged

Purge Time Start: 1453

Purge Time End: 1555

Final Static Water Level: 11.98 feet

OBSERVATIONS

Collect sample MW-16-04-03-2019 for PFAs @ 1440 ; MS/MSD ; set up low-flow.

Purge water clear, no odor, no sheen.

Collect sample MW-16-04-03-2019 ; MW/MSD ; 1,4-dioxane @ 1600.



APPENDIX 2

Laboratory Report



www.alphalab.com



Alpha Analytical

Laboratory Code: 11148

SDG Number: L1913816

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

Table of Contents

New York ASP Category B Data Deliverable Package.....	1
Table of Contents	2
Sample ID Cross Reference	5
SDG Narrative	6
Data Qualifier Definitions	8
Instrument Information	10
Volatile Organics Instruments	10
Volatile Organics in Air Instruments	10
Semivolatile Organics Instruments - Westborough.....	11
Semivolatile Organic Instruments - Mansfield.....	12
Sample Log-in Sheet	13
Lims COC (LN01)	14
External Chain of Custody	16
Organics Analysis	17
GCMS Extractables 1,4-Dioxane By SIM	18
Semivolatiles QC Summary	19
Form 2 - Organics	20
Form 3 - Organics	21
Form 4 - Organics	23
Form 5 - Organics	24
Form 8 - Organics	26
MDL Study	27
Semivolatiles Sample Data	28
Form 1 - Organics	29
MW-15 04-03-2019 (L1913816-02) Analyzed: 04/11/19 02:39	34
MW-16 04-03-2019 (L1913816-04) Analyzed: 04/11/19 03:04	39
MW-19 04-03-2019 (L1913816-06) Analyzed: 04/11/19 04:17	43
BLIND DUPLICATE (L1913816-07) Analyzed: 04/11/19 04:41	48
Semivolatiles Standards Data	52
Initial Calibration	53
Form 6 - Organics	54
ICAL for GCMS6 on 03/23/19 ICAL15621	55
Initial Calibration Summary - Cal Date: 03/23/19 00:00	55
DFTPP TUNE Injected on: 03/22/19 15:21	56
STD 10 Injected on: 03/22/19 16:08	57
STD 50 Injected on: 03/22/19 16:39	62
STD 100 Injected on: 03/22/19 17:09	67
STD 500 Injected on: 03/22/19 17:40	72
STD 1000 Injected on: 03/22/19 18:09	77
STD 5000 Injected on: 03/22/19 18:39	83
STD 10000 Injected on: 03/22/19 19:08	88
ICV EVAL REPORT Injected on: 03/22/19 19:37	92
ICV QUANT Injected on: 03/22/19 19:37	93
Continuing Calibration	96
Form 7 - Organics	97
CC Summary - GCMS6 Run: 04/11/19 01:01	98
CC Quant - GCMS6 Run: 04/11/19 01:01	99
Semivolatiles Raw QC Summary	102
dftpp tune - Inst. GCMS6 04/11/19 00:21	103
ICAL Sequence for GCMS6 on 23-MAR-2019 00:00 ICAL15621	104

Table of Contents

Laboratory Method BI (WG1224686-1) Analyzed: 04/11/19 01:26	105
Laboratory Control S (WG1224686-2) Analyzed: 04/11/19 01:50	110
LCS Duplicate (WG1224686-3) Analyzed: 04/11/19 02:15	116
Matrix Spike (WG1224686-4) Analyzed: 04/11/19 03:28	121
Matrix Spike Duplica (WG1224686-5) Analyzed: 04/11/19 03:53	128
Semivolatiles Calculations	134
QC Batch WG1225111	135
Sequence Log	137
Organic ELN-Workgroup:WG1224686	138
PFAAs via EPA 537	140
Semivolatiles QC Summary	141
Form 2 - Organics	142
Form 3 - Organics	145
Form 4 - Organics	149
MDL Study - 537 Isotope Dilution	150
Semivolatiles Sample Data	154
Form 1 - Organics	155
MW-15 04-03-2019 (L1913816-01) Analyzed: 04/11/19 15:10	167
MW-16 04-03-2019 (L1913816-03) Analyzed: 04/11/19 15:26	222
MW-19 04-03-2019 (L1913816-05) Analyzed: 04/11/19 15:43	277
BLIND DUPLICATE (L1913816-07) Analyzed: 04/11/19 15:59	332
ERB-01 (L1913816-08) Analyzed: 04/11/19 16:16	387
Semivolatiles Standards Data	442
Initial Calibration	443
Form 6 - Organics	444
ICAL for LCMS02 on 02/14/19 ICAL15513	503
Initial Calibration Summary - Cal Date: 02/14/19 18:48	503
STD0.5 Injected on: 02/14/19 15:17	562
STD1.0 Injected on: 02/14/19 15:33	623
STD5.0 Injected on: 02/14/19 15:50	684
STD010 Injected on: 02/14/19 16:07	745
STD050 Injected on: 02/14/19 16:23	806
STD125 Injected on: 02/14/19 16:40	867
STD150 Injected on: 02/14/19 16:56	928
STD250 Injected on: 02/14/19 17:13	989
STD500 Injected on: 02/14/19 17:29	1050
ICV Injected on: 02/15/19 08:35	1111
Continuing Calibration	1172
Form 7 - Organics	1173
CC Quant - WG1225360-1 LCMS02 Run: 04/11/19 09:41:37	1179
CC Quant - WG1225360-2 LCMS02 Run: 04/11/19 14:37:00	1243
CC Quant - WG1225360-3 LCMS02 Run: 04/11/19 16:33:00	1307
Semivolatiles Raw QC Summary	1362
Laboratory Method BI (WG1224866-1) Analyzed: 04/11/19 10:45	1363
Laboratory Control S (WG1224866-2) Analyzed: 04/11/19 13:30	1427
LCS Duplicate (WG1224866-3) Analyzed: 04/11/19 13:47	1491
Matrix Spike (WG1224866-4) Analyzed: 04/11/19 14:03	1555
Matrix Spike Duplica (WG1224866-5) Analyzed: 04/11/19 14:20	1610
Semivolatiles Calculations	1665
QC Batch WG1225360	1666

Table of Contents

ICAL Sequence for LCMS02 on 14-FEB-2019 18:48 ICAL15513	1668
Sequence Log	1670
Organic ELN-Workgroup:WG1224866	1674

Project Name: ELDRE CORP.-EMERGING CONTAM
Project Number: 212721.01

Lab Number: L1913816
Report Date: 04/12/19

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1913816-01	MW-15 04-03-2019	WATER	HENRIETTA, NY	04/03/19 16:42	04/05/19
L1913816-02	MW-15 04-03-2019	WATER	HENRIETTA, NY	04/03/19 17:50	04/05/19
L1913816-03	MW-16 04-03-2019	WATER	HENRIETTA, NY	04/03/19 14:40	04/05/19
L1913816-04	MW-16 04-03-2019	WATER	HENRIETTA, NY	04/03/19 16:00	04/05/19
L1913816-05	MW-19 04-03-2019	WATER	HENRIETTA, NY	04/03/19 11:15	04/05/19
L1913816-06	MW-19 04-03-2019	WATER	HENRIETTA, NY	04/03/19 12:55	04/05/19
L1913816-07	BLIND DUPLICATE	WATER	HENRIETTA, NY	04/03/19 00:00	04/05/19
L1913816-08	ERB-01	WATER	HENRIETTA, NY	04/03/19 11:30	04/05/19

Project Name: ELDRE CORP.-EMERGING CONTAM
Project Number: 212721.01

Lab Number: L1913816
Report Date: 04/12/19

Case Narrative

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

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

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

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

HOLD POLICY

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

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

Project Name: ELDRE CORP.-EMERGING CONTAM
Project Number: 212721.01

Lab Number: L1913816
Report Date: 04/12/19

Case Narrative (continued)

Report Submission

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

Perfluorinated Alkyl Acids by Isotope Dilution

L1913816-08: The equipment blank has a result for 1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS) present above the reporting limit. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over. Re-extraction for confirmation could not be performed due to lack of additional sample.

WG1225360-1 and -3: The continuing calibration standards, associated with L1913816 had the response for Perfluorohexanesulfonic Acid-Branched (br-PFHxS), outside of acceptance criteria. The response for Perfluorohexanesulfonic Acid (PFHxS) was within acceptance criteria; therefore, no further action was taken.

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

Authorized Signature:

Dawn E. Mail

Report Date: 04/12/19

Title: Technical Director/Representative

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCS D	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers



Project Name: ELDRE CORP.-EMERGING CONTAM
Project Number: 212721.01

Lab Number: L1913816
Report Date: 04/12/19

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

Terms

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

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

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

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

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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

Data Qualifiers

- A** - Spectra identified as "Aldol Condensation Product".
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers





Volatile Organics Instruments

Volatile Organics:

Instrument: Agilent 7890 GC/5975C MSD
 Trap: Supelco K Trap (VOACARB 3000)
 Concentrator: EST Encon (or equivalent)
 Autosampler: EST Centurion (or equivalent)
 Purge time: 11 min

Columns (length x ID x df):
 RTX-VMS 20m x 0.18mm x 1um
 RTX-VMS 30m x 0.25mm x 1.4um
 RTX-502.2 40m x 0.18mm x 1um

Volatile Organics: VPH

Instrument: Agilent 6890 (or equivalent)
 Trap: Supelco K Trap (VOACARB 3000)
 Concentrator: EST Encon (or equivalent)
 Autosampler: EST Centurion (or equivalent)

Column Type: Restek RTX 502.2
 Column Length: 105 Meters
 df: 3.00 um
 ID: 0.53mm

Volatile Organics: PIANO

Instrument: Agilent 7890 GC/5975C MSD
 Trap: Supelco K Trap (VOACARB 3000)
 Concentrator: Tekmar Velocity / EST Encon
 Autosampler: Varian Archon / EST Centurion
 Purge time: 11 min

Column Type: DB-VRX
 Column Length: 60 Meters
 df: 1.40 um
 ID: 0.25 mm
 Desorb: 1 min

Volatile Organics: Dissolved Gas

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

Column Type: Haysep S Column
 Column Length: 2 Meters packed
 (100/200 mesh)

Autosampler: LEAP Headspace

Purge time: 0.6 min

Volatile Organics in Air Instruments

Volatile Organics in Air:

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

Concentrator: Entech 7100A or 7200
 Autosampler: Entech 7016CA or 7016D

Column Type: Restek RTX-1
 Column Length: 60 Meters
 df: 1.00 um
 ID: 0.25 mm or 0.32 mm

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

Trap 2: Tenax: manufacturer-Entech: 20 cm packing material



Semivolatile Organics Instruments - Westborough

Semivolatile Organics (Acid/Base/Neutral Extractables):

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

Polynuclear Aromatic Hydrocarbons by 8270 SIM:

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

Pesticides/PCB/Herbicides:

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

Petroleum/EPH:

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



Semivolatile Organic Instruments - Mansfield

Semivolatile Organics (ALK-PAH Extractables):

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

Semivolatile Organics (8270):

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

Semivolatile Organics (8270 SIM):

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

Semivolatile Organics (1,4-Dioxane):

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

Semivolatile Organics (209 Congener):

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

Semivolatile Organics (8081):

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

Semivolatile Organics (8082):

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

Semivolatile Organics (SHC Extractables):

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



Sample Delivery Group Summary

Alpha Job Number : L1913816

Received : 05-APR-2019

Reviewer : Kim L. Bailey

Account Name : LaBella Associates, P.C.

Project Number : 212721.01

Project Name : ELDRE CORP.-EMERGING CONTAM

Delivery Information

Samples Delivered By : Alpha Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	5.4	
B	Absent/	Ice	2.2	

Condition Information

1) All samples on COC received?	YES
2) Extra samples received?	NO
3) Are there any sample container discrepancies?	NO
4) Are there any discrepancies between sample labels & COC?	NO
5) Are samples in appropriate containers for requested analysis?	YES
6) Are samples properly preserved for requested analysis?	YES
7) Are samples within holding time for requested analysis?	YES
8) All sampling equipment returned?	NA

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	NA

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Apr 12 2019, 04:25 pm

Login Number: L1913816

Account: LABELLA-ROC LaBella Associates, P.C. Project: 212721.01

Received: 05APR19 Due Date: 16APR19

Sample #	Client ID	Mat PR Collected
L1913816-01 MW-15 04-03-2019 ASP-B Package Due Date: 04/16/19		1 S0 03APR19 16:42
A2-NY-537-ISOTOPE, ASP-B		
L1913816-02 MW-15 04-03-2019 Package Due Date: 04/16/19		1 S0 03APR19 17:50
A2-1,4-DIOXANE-SIM		
L1913816-03 MW-16 04-03-2019 L1913816-03 MS L1913816-03 MSD Package Due Date: 04/16/19		1 S0 03APR19 14:40
A2-NY-537-ISOTOPE, MS/MSD		
L1913816-04 MW-16 04-03-2019 L1913816-04 MS L1913816-04 MSD Package Due Date: 04/16/19		1 S0 03APR19 16:00
A2-1,4-DIOXANE-SIM, MS/MSD		
L1913816-05 MW-19 04-03-2019 Package Due Date: 04/16/19		1 S0 03APR19 11:15
A2-NY-537-ISOTOPE		
L1913816-06 MW-19 04-03-2019 Package Due Date: 04/16/19		1 S0 03APR19 12:55
A2-1,4-DIOXANE-SIM		
L1913816-07 BLIND DUPLICATE Package Due Date: 04/16/19		1 S0 03APR19 00:00

ALPHA ANALYTICAL LABORATORIES, INC.
LOGIN CHAIN OF CUSTODY REPORT
Apr 12 2019, 04:25 pm

Login Number: L1913816

Account: LABELLA-ROC LaBella Associates, P.C. Project: 212721.01

Received: 05APR19 Due Date: 16APR19

Sample #	Client ID	Mat PR Collected

A2-1,4-DIOXANE-SIM,A2-NY-537-ISOTOPE		

L1913816-08 ERB-01		

1 S0 03APR19 11:30

Package Due Date: 04/16/19

A2-NY-537-ISOTOPE

Page 2

Logged By: Candace Fox

Organics

GCMS Extractables 1,4-Dioxane By SIM

Semivolatiles QC Summary

Surrogate Recovery Summary

Form 2

Semivolatiles

Client: LaBella Associates, P.C.
Project Name: ELDRE CORP.-EMERGING CONTAM

Lab Number: L1913816
Project Number: 212721.01
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 ()	S2 ()	S3 ()	S4 ()	S5 ()	S6 ()	TOT OUT
MW-15 04-03-2019 (L1913816-02)	15	--	--	--	--	--	0
MW-16 04-03-2019 (L1913816-04)	20	--	--	--	--	--	0
MW-19 04-03-2019 (L1913816-06)	17	--	--	--	--	--	0
BLIND DUPLICATE (L1913816-07)	17	--	--	--	--	--	0
WG1224686-1BLANK	24	--	--	--	--	--	0
WG1224686-2LCS	23	--	--	--	--	--	0
WG1224686-3LCSD	20	--	--	--	--	--	0
MW-16 04-03-2019MS	18	--	--	--	--	--	0
MW-16 04-03-2019MSD	19	--	--	--	--	--	0

QC LIMITS

(15-110) S1 = 1,4-DIOXANE-D8

* Values outside of QC limits

FORM II A2-1,4-DIOXANE-SIM



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : LaBella Associates, P.C. Lab Number : L1913816
 Project Name : ELDRE CORP.-EMERGING CONTAM Project Number : 212721.01
 Matrix : WATER
 LCS Sample ID : WG1224686-2 Analysis Date : 04/11/19 01:50 File ID : F604101927
 LCSD Sample ID : WG1224686-3 Analysis Date : 04/11/19 02:15 File ID : F604101928

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ng/l)	Found (ng/l)	%R	True (ng/l)	Found (ng/l)	%R			
1,4-Dioxane	5000	6120	122	5000	6700	134	9	40-140	30



Matrix Spike Sample Summary **Form 3** **Semivolatiles**

Client	: LaBella Associates, P.C.	Lab Number	: L1913816
Project Name	: ELDRE CORP.-EMERGING CONTAM	Project Number	: 212721.01
Client Sample ID	: MW-16 04-03-2019	Matrix	: WATER
Lab Sample ID	: L1913816-04	Analysis Date	: 04/11/19 03:04
Matrix Spike	: WG1224686-4	MS Analysis Date	: 04/11/19 03:28
Matrix Spike Dup	: WG1224686-5	MSD Analysis Date	: 04/11/19 03:53

Parameter	Sample Conc. (ng/l)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ng/l)	Spike Conc. (ng/l)	%R	Spike Added (ng/l)	Spike Conc. (ng/l)	%R			
1,4-Dioxane	ND	4630	5960	129	4630	5900	127	1	40-140	30

**Method Blank Summary
Form 4
Semivolatiles**

Client	: LaBella Associates, P.C.	Lab Number	: L1913816
Project Name	: ELDRE CORP.-EMERGING CONTAM	Project Number	: 212721.01
Lab Sample ID	: WG1224686-1	Lab File ID	: F604101926
Instrument ID	: GCMS6	Extraction Date	: 04/09/19
Matrix	: WATER	Analysis Date	: 04/11/19 01:26
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1224686-2LCS	WG1224686-2	04/11/19 01:50
WG1224686-3LCSD	WG1224686-3	04/11/19 02:15
MW-15 04-03-2019	L1913816-02	04/11/19 02:39
MW-16 04-03-2019	L1913816-04	04/11/19 03:04
MW-16 04-03-2019MS	WG1224686-4	04/11/19 03:28
MW-16 04-03-2019MSD	WG1224686-5	04/11/19 03:53
MW-19 04-03-2019	L1913816-06	04/11/19 04:17
BLIND DUPLICATE	L1913816-07	04/11/19 04:41

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L1913816
Project Name	: ELDRE CORP.-EMERGING CONTAM	Project Number	: 212721.01
Instrument ID	: GCMS6	Analysis Date	: 03/22/19 15:21
Tune Standard	: R1169422-1	Tune File ID	: F603221901_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	35.8
68	Less than 2.0% of mass 69	0 (0)1
70	Less than 2.0% of mass 69	0.3 (.6)1
127	10.0 - 80.0% of Base Peak	60
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 60.0% of Base Peak	36.9
365	Greater than 1.0% of mass 198	4
441	Present, but less than 24% of mass 442	16.7
442	Base Peak, or >50% of mass 198	74.8
443	15.0 - 24.0% of mass 442	14.4 (19.3)2

1-Value is % of mass 69 2-Value is % of mass 442

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD 10	R1169422-2	F603221902	03/22/19 16:08
STD 50	R1169422-3	F603221903	03/22/19 16:39
STD 100	R1169422-4	F603221904	03/22/19 17:09
STD 500	R1169422-5	F603221905	03/22/19 17:40
STD 1000	R1169422-6	F603221906	03/22/19 18:09
STD 5000	R1169422-7	F603221907	03/22/19 18:39
STD 10000	R1169422-8	F603221908	03/22/19 19:08
ICV QUANT	R1169422-9	F603221909	03/22/19 19:37

Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client	: LaBella Associates, P.C.	Lab Number	: L1913816
Project Name	: ELDRE CORP.-EMERGING CONTAM	Project Number	: 212721.01
Instrument ID	: GCMS6	Analysis Date	: 04/11/19 00:21
Tune Standard	: WG1225111-3	Tune File ID	: F604101924_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	27.2
68	Less than 2.0% of mass 69	0 (0)1
70	Less than 2.0% of mass 69	0.2 (.6)1
127	10.0 - 80.0% of Base Peak	54.4
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.7
275	10.0 - 60.0% of Base Peak	37.1
365	Greater than 1.0% of mass 198	3.8
441	Present, but less than 24% of mass 442	16.8
442	Base Peak, or >50% of mass 198	82.3
443	15.0 - 24.0% of mass 442	15.9 (19.4)2

1-Value is % of mass 69 2-Value is % of mass 442

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1225111-4CCAL	WG1225111-4	F604101925	04/11/19 01:01
WG1224686-1BLANK	WG1224686-1	F604101926	04/11/19 01:26
WG1224686-2LCS	WG1224686-2	F604101927	04/11/19 01:50
WG1224686-3LCSD	WG1224686-3	F604101928	04/11/19 02:15
MW-15 04-03-2019	L1913816-02	F604101929	04/11/19 02:39
MW-16 04-03-2019	L1913816-04	F604101930	04/11/19 03:04
WG1224686-4MS	WG1224686-4	F604101931	04/11/19 03:28
WG1224686-5MSD	WG1224686-5	F604101932	04/11/19 03:53
MW-19 04-03-2019	L1913816-06	F604101933	04/11/19 04:17
BLIND DUPLICATE	L1913816-07	F604101934	04/11/19 04:41

Internal Standard Area and RT Summary

Form 8a

Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L1913816
Project Name	: ELDRE CORP.-EMERGING CONTAM	Project Number	: 212721.01
Instrument ID	: GCMS6	Analysis Date	: 04/11/19 01:01
Sample No	: WG1225111-4	Lab File ID	: F604101925

	1,4-Dichlorobenzene-d4		Area	RT	Area	RT
	Area	RT				
WG1225111-4	50689	8.30				
Upper Limit	101378	8.80				
Lower Limit	25345	7.80				
Sample ID						
WG1224686-1 BLANK	40924	8.29				
WG1224686-2 LCS	46151	8.28				
WG1224686-3 LCSD	52218	8.29				
MW-15 04-03-2019	49316	8.30				
MW-16 04-03-2019	53992	8.29				
MW-16 04-03-2019 MS	52658	8.29				
MW-16 04-03-2019 MSD	45359	8.30				
MW-19 04-03-2019	51670	8.30				
BLIND DUPLICATE	52820	8.30				

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

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

* Values outside of QC limits



Determination of Method Detection Limits

Alpha Analytical Inc.

Mansfield, MA

Page 1 of 1

Analyst: TJ

Date: 10/2, 10/3/17

Instrument ID: GCMS6

Column ID: ZB-Semivolatiles

Prep Method: Same

Prep Chemist: AL

Approved

Method: EPA 8270D-SIM

2017

GCMS Semivolatile Organic Compounds

Liquid

Initial Weight/Volume: 500ml

Final Volume: 10ml

Table (MDL)		Data File	MDL 01	MDL 02	MDL 03	MDL 04	MDL 05	MDL 06	MDL 07	T value used for calculating MDL: 3.143					
No.	Analytes	Date Analyzed Target conc. (ng/L)	(ng/L)	(ng/L)	(ng/L)	(ng/L)	(ng/L)	(ng/L)	(ng/L)	Mean (ng/L)	Mean Accuracy	Standard Deviation	Calc. MDL (ng/L)	Current RL (ng/L)	Comment
1	1,4-Dioxane	50.0	61.5	57.1	57.2	43.4	46.4	37.3	63.1	52.3	105%	9.91	31.1	150	
	Surrogate														
	1,4-Dioxane-d8	5000	1360	1323	1344	1324	1203	1281	1334	1310	26%				

Comments:

Semivolatile Sample Data

Results Summary

Form 1

1,4 Dioxane by 8270D-SIM

Client	: LaBella Associates, P.C.	Lab Number	: L1913816
Project Name	: ELDRE CORP.-EMERGING CONTAM	Project Number	: 212721.01
Lab ID	: L1913816-02	Date Collected	: 04/03/19 17:50
Client ID	: MW-15 04-03-2019	Date Received	: 04/05/19
Sample Location	: HENRIETTA, NY	Date Analyzed	: 04/11/19 02:39
Sample Matrix	: WATER	Date Extracted	: 04/09/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F604101929	Analyst	: MA
Sample Amount	: 540 ml	Instrument ID	: GCMS6
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	ND	139	31.4	U

Results Summary

Form 1

1,4 Dioxane by 8270D-SIM

Client	: LaBella Associates, P.C.	Lab Number	: L1913816
Project Name	: ELDRE CORP.-EMERGING CONTAM	Project Number	: 212721.01
Lab ID	: L1913816-04	Date Collected	: 04/03/19 16:00
Client ID	: MW-16 04-03-2019	Date Received	: 04/05/19
Sample Location	: HENRIETTA, NY	Date Analyzed	: 04/11/19 03:04
Sample Matrix	: WATER	Date Extracted	: 04/09/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F604101930	Analyst	: MA
Sample Amount	: 510 ml	Instrument ID	: GCMS6
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	ND	147	33.2	U

Results Summary

Form 1

1,4 Dioxane by 8270D-SIM

Client	: LaBella Associates, P.C.	Lab Number	: L1913816
Project Name	: ELDRE CORP.-EMERGING CONTAM	Project Number	: 212721.01
Lab ID	: L1913816-06	Date Collected	: 04/03/19 12:55
Client ID	: MW-19 04-03-2019	Date Received	: 04/05/19
Sample Location	: HENRIETTA, NY	Date Analyzed	: 04/11/19 04:17
Sample Matrix	: WATER	Date Extracted	: 04/09/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F604101933	Analyst	: MA
Sample Amount	: 540 ml	Instrument ID	: GCMS6
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	ND	139	31.4	U

Results Summary

Form 1

1,4 Dioxane by 8270D-SIM

Client : LaBella Associates, P.C. Project Name : ELDRE CORP.-EMERGING CONTAM Lab ID : L1913816-07 Client ID : BLIND DUPLICATE Sample Location : HENRIETTA, NY Sample Matrix : WATER Analytical Method : 1,8270D-SIM Lab File ID : F604101934 Sample Amount : 550 ml Extraction Method : EPA 3510C Extract Volume : 5000 uL GPC Cleanup : N	Lab Number : L1913816 Project Number : 212721.01 Date Collected : 04/03/19 00:00 Date Received : 04/05/19 Date Analyzed : 04/11/19 04:41 Date Extracted : 04/09/19 Dilution Factor : 1 Analyst : MA Instrument ID : GCMS6 GC Column : RTX-5 %Solids : N/A Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	ND	136	30.8	U

Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client	: LaBella Associates, P.C.	Lab Number	: L1913816
Project Name	: ELDRE CORP.-EMERGING CONTAM	Project Number	: 212721.01
Lab ID	: WG1224686-1	Date Collected	: NA
Client ID	: WG1224686-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 04/11/19 01:26
Sample Matrix	: WATER	Date Extracted	: 04/09/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F604101926	Analyst	: MA
Sample Amount	: 500 ml	Instrument ID	: GCMS6
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	ND	150	33.9	U



Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\GCMS6\2019\APR\APR10\
 Data File : F604101929.D
 Acq On : 11 Apr 2019 2:39 am
 Operator : GCMS6:MA
 Sample : L1913816-02
 Misc : WG1225111, WG1224686, ICAL15621
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Apr 11 15:20:53 2019
 Quant Method : O:\Organics\DATA\GCMS6\2019\APR\APR10\14DIOX0322GCMS6.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Thu Apr 11 14:41:14 2019
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.194	64	2216M2	500.000	ng/mL	0.06
3) 1,4-Dichlorobenzene-d4	8.300	152	49316M1	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.194	64	2232M2	77.008	ng/mL	0.06
Spiked Amount	500.000	Range	15 - 115	Recovery	=	15.40%
Target Compounds						
2) 1,4-dioxane	0.000		0	N.D.	d	Qvalue

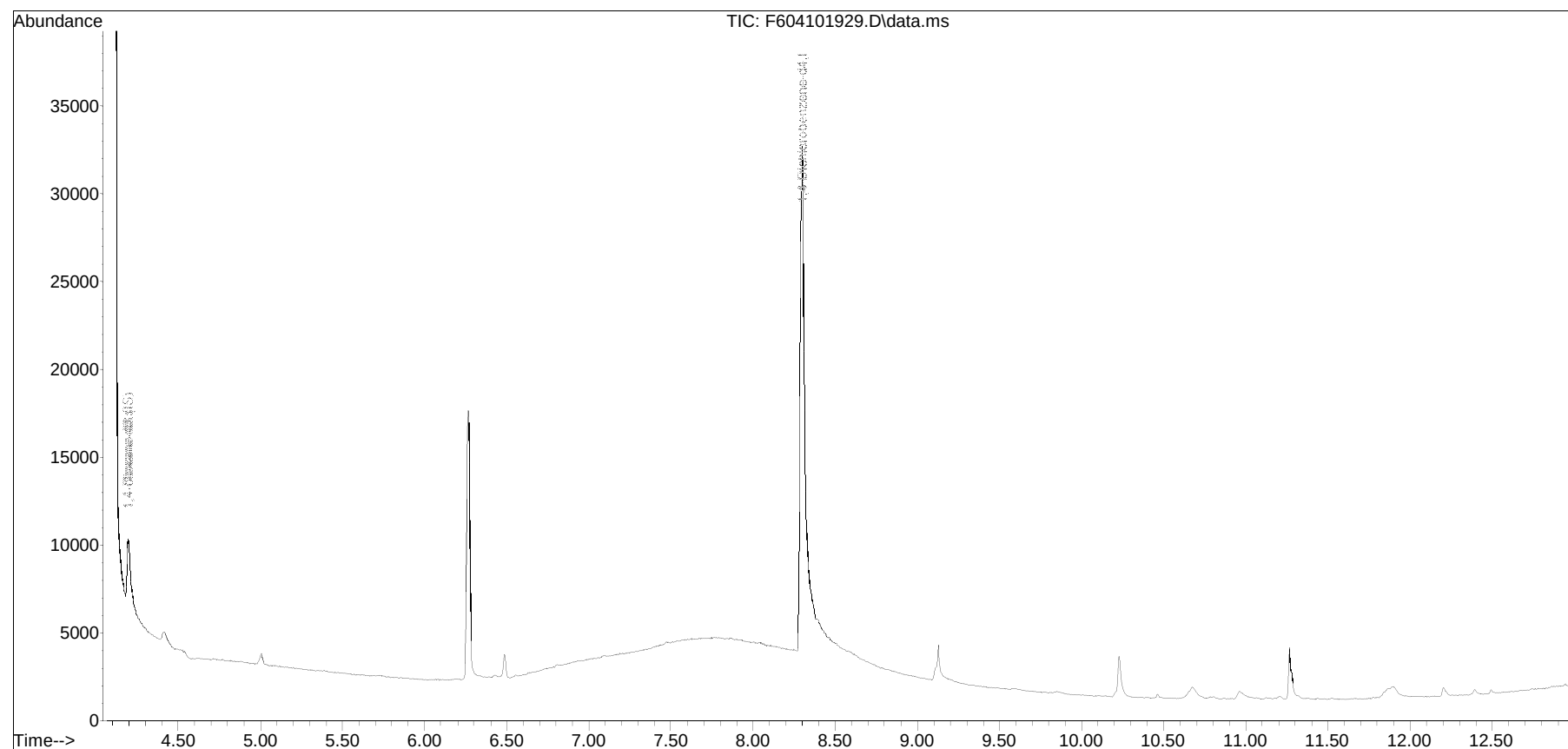
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\GCMS6\2019\APR\APR10\
Data File : F604101929.D
Acq On : 11 Apr 2019 2:39 am
Operator : GCMS6:MA
Sample : L1913816-02
Misc : WG1225111, WG1224686, ICAL15621
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Apr 11 15:20:53 2019
Quant Method : 0:\Organics\DATA\GCMS6\2019\APR\APR10\14DIOX0322GCMS6.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Thu Apr 11 14:41:14 2019
Response via : Initial Calibration

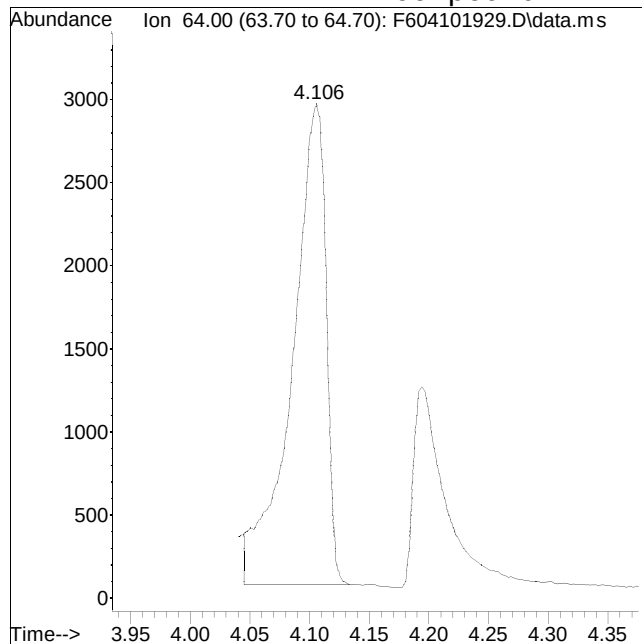
Sub List : Default - All compounds listed



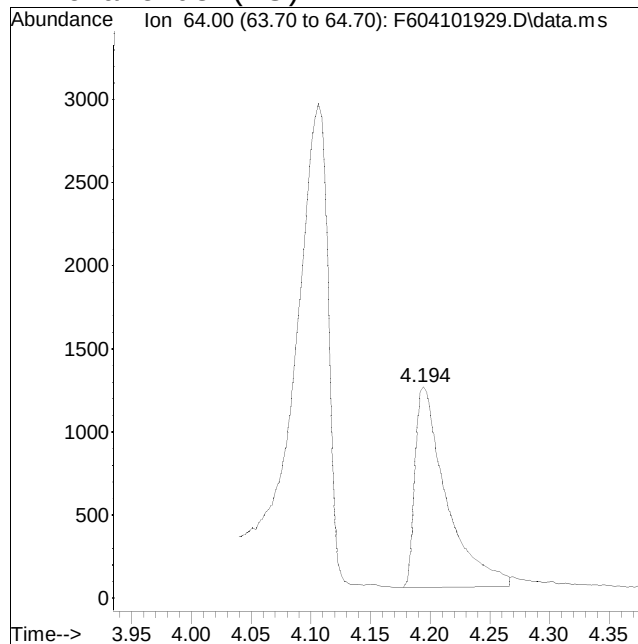
Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
Data File : F604101929.D Operator : GCMS6:MA
Date Inj'd : 4/11/2019 2:39 am Instrument : GCMS6
Sample : L1913816-02 Quant Date : 4/11/2019 2:45 pm

Compound #1: 1,4-Dioxane-d8 (IS)



Original Peak Response = 5696



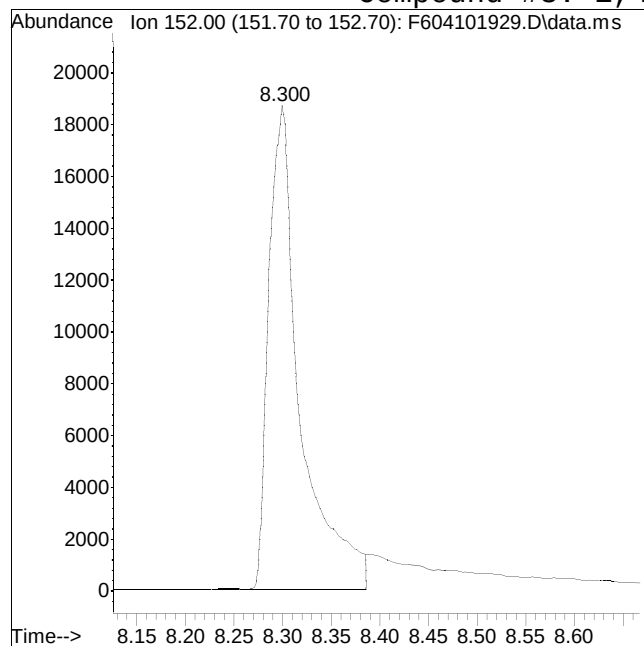
Manual Peak Response = 2216 M2

M2 = Peak not found by automatic integration algorithm.

Manual Integration/Negative Proof Report

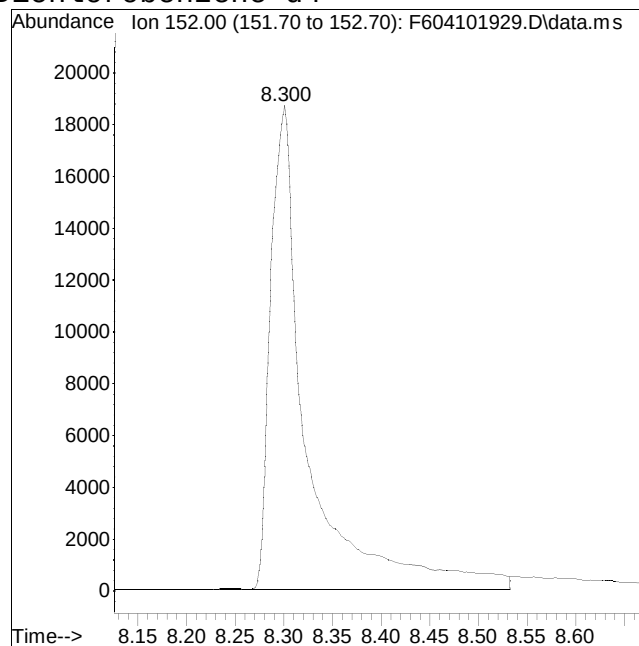
Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
Data File : F604101929.D Operator : GCMS6:MA
Date Inj'd : 4/11/2019 2:39 am Instrument : GCMS6
Sample : L1913816-02 Quant Date : 4/11/2019 2:45 pm

Compound #3: 1,4-Dichlorobenzene-d4



Original Peak Response = 41942

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

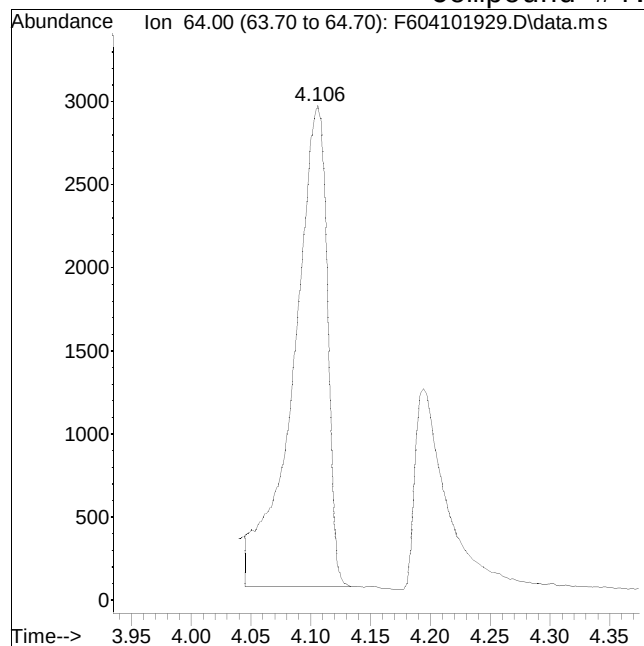


Manual Peak Response = 49316 M1

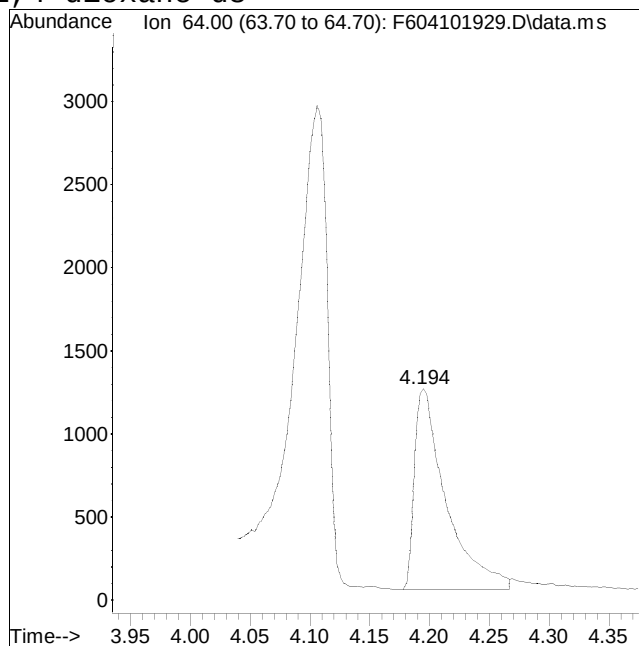
Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
Data File : F604101929.D Operator : GCMS6:MA
Date Inj'd : 4/11/2019 2:39 am Instrument : GCMS6
Sample : L1913816-02 Quant Date : 4/11/2019 2:45 pm

Compound #4: 1,4-dioxane-d8



Original Peak Response = 5696



Manual Peak Response = 2232 M2

M2 = Peak not found by automatic integration algorithm.

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\GCMS6\2019\APR\APR10\
 Data File : F604101930.D
 Acq On : 11 Apr 2019 3:04 am
 Operator : GCMS6:MA
 Sample : L1913816-04
 Misc : WG1225111, WG1224686, ICAL15621
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 11 15:22:35 2019
 Quant Method : O:\Organics\DATA\GCMS6\2019\APR\APR10\14DIOX0322GCMS6.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Thu Apr 11 14:41:14 2019
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.219	64	3251M1	500.000	ng/mL	0.08
3) 1,4-Dichlorobenzene-d4	8.289	152	53992	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.219	64	3251M1	102.451	ng/mL	0.08
Spiked Amount	500.000	Range	15 - 115	Recovery	=	20.49%
Target Compounds						
2) 1,4-dioxane	0.000		0	N.D.	d	Qvalue

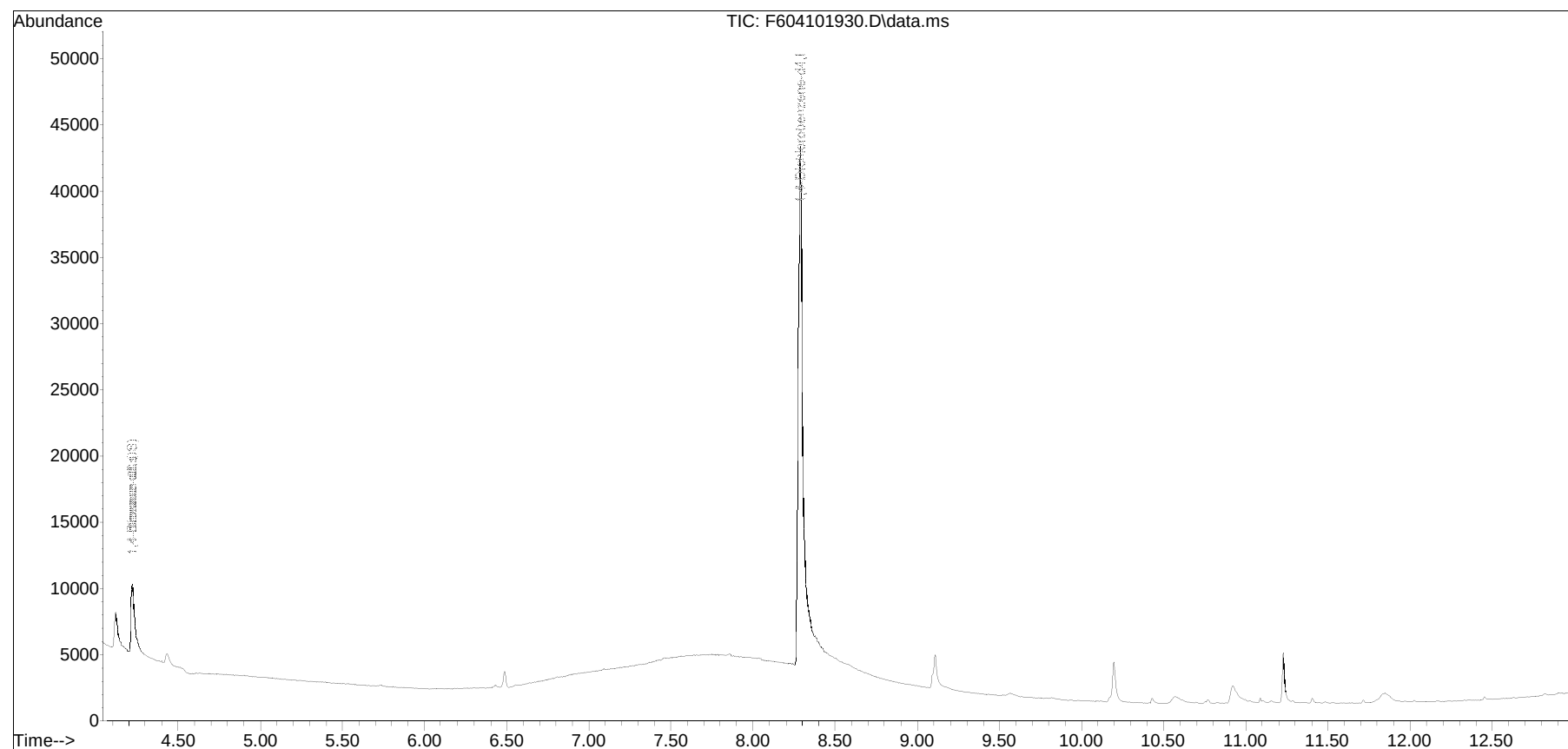
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\GCMS6\2019\APR\APR10\
Data File : F604101930.D
Acq On : 11 Apr 2019 3:04 am
Operator : GCMS6:MA
Sample : L1913816-04
Misc : WG1225111, WG1224686, ICAL15621
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 11 15:22:35 2019
Quant Method : 0:\Organics\DATA\GCMS6\2019\APR\APR10\14DIOX0322GCMS6.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Thu Apr 11 14:41:14 2019
Response via : Initial Calibration

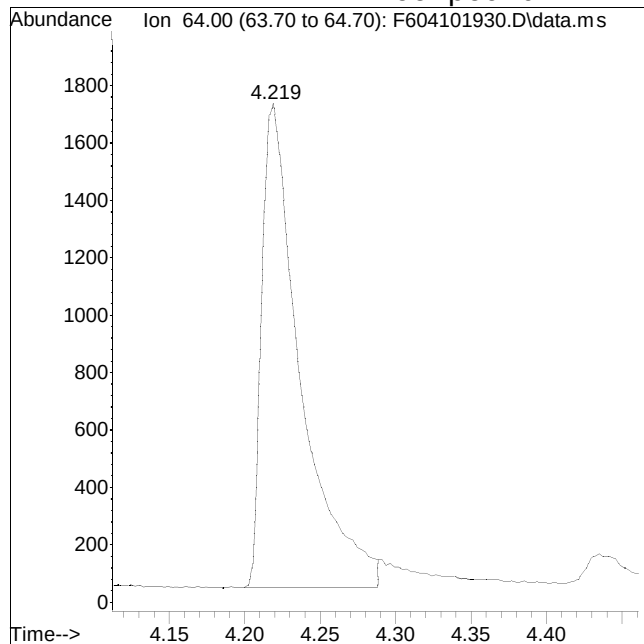
Sub List : Default - All compounds listed



Manual Integration/Negative Proof Report

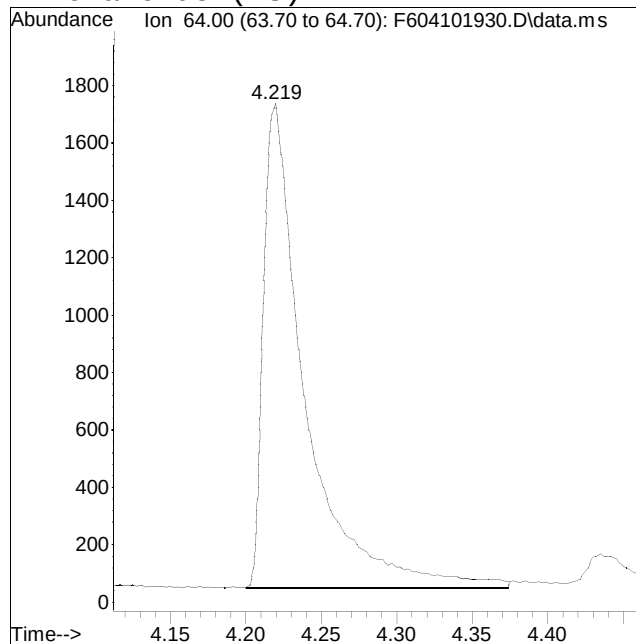
Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
Data File : F604101930.D Operator : GCMS6:MA
Date Inj'd : 4/11/2019 3:04 am Instrument : GCMS6
Sample : L1913816-04 Quant Date : 4/11/2019 2:45 pm

Compound #1: 1,4-Dioxane-d8 (IS)



Original Peak Response = 3009

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

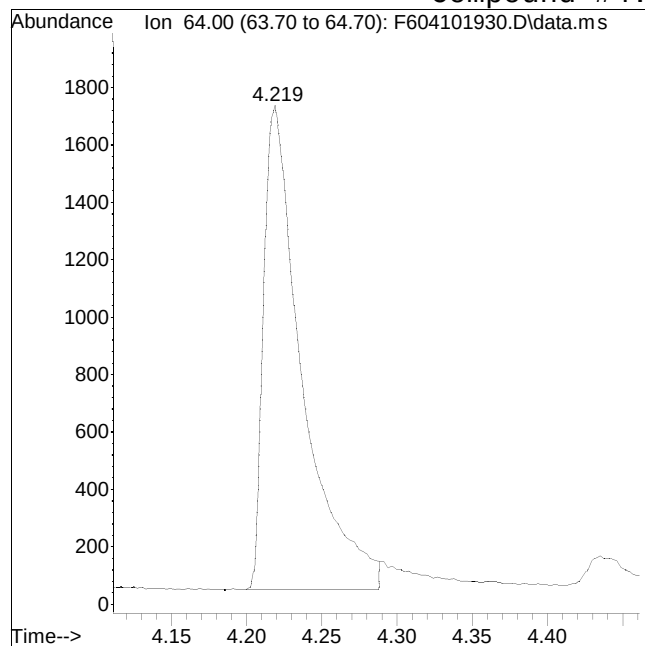


Manual Peak Response = 3251 M1

Manual Integration/Negative Proof Report

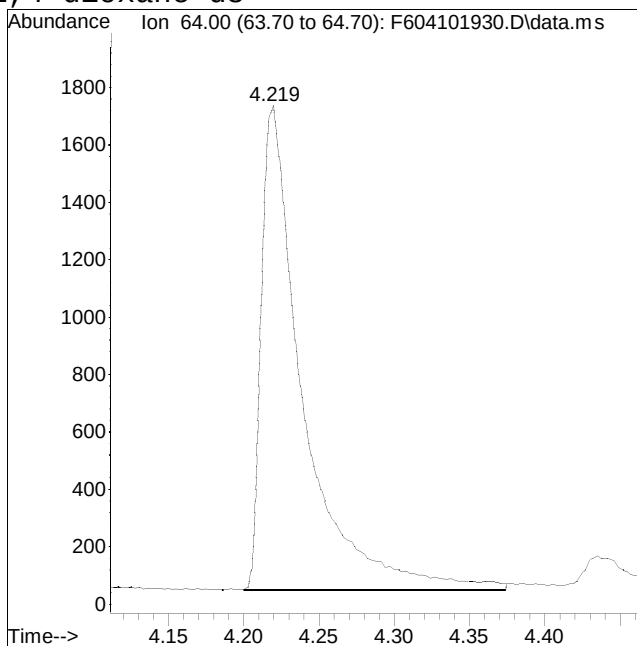
Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
 Data File : F604101930.D Operator : GCMS6:MA
 Date Inj'd : 4/11/2019 3:04 am Instrument : GCMS6
 Sample : L1913816-04 Quant Date : 4/11/2019 2:45 pm

Compound #4: 1,4-dioxane-d8



Original Peak Response = 3009

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.



Manual Peak Response = 3251 M1

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\GCMS6\2019\APR\APR10\
 Data File : F604101933.D
 Acq On : 11 Apr 2019 4:17 am
 Operator : GCMS6:MA
 Sample : L1913816-06
 Misc : WG1225111, WG1224686, ICAL15621
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Apr 11 15:26:45 2019
 Quant Method : O:\Organics\DATA\GCMS6\2019\APR\APR10\14DIOX0322GCMS6.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Thu Apr 11 14:41:14 2019
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.200	64	2627M1	500.000	ng/mL	0.06
3) 1,4-Dichlorobenzene-d4	8.297	152	51670M1	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.200	64	2617M1	86.178	ng/mL	0.06
Spiked Amount	500.000	Range	15 - 115	Recovery	=	17.24%
Target Compounds						
2) 1,4-dioxane	0.000		0		N.D.	Qvalue

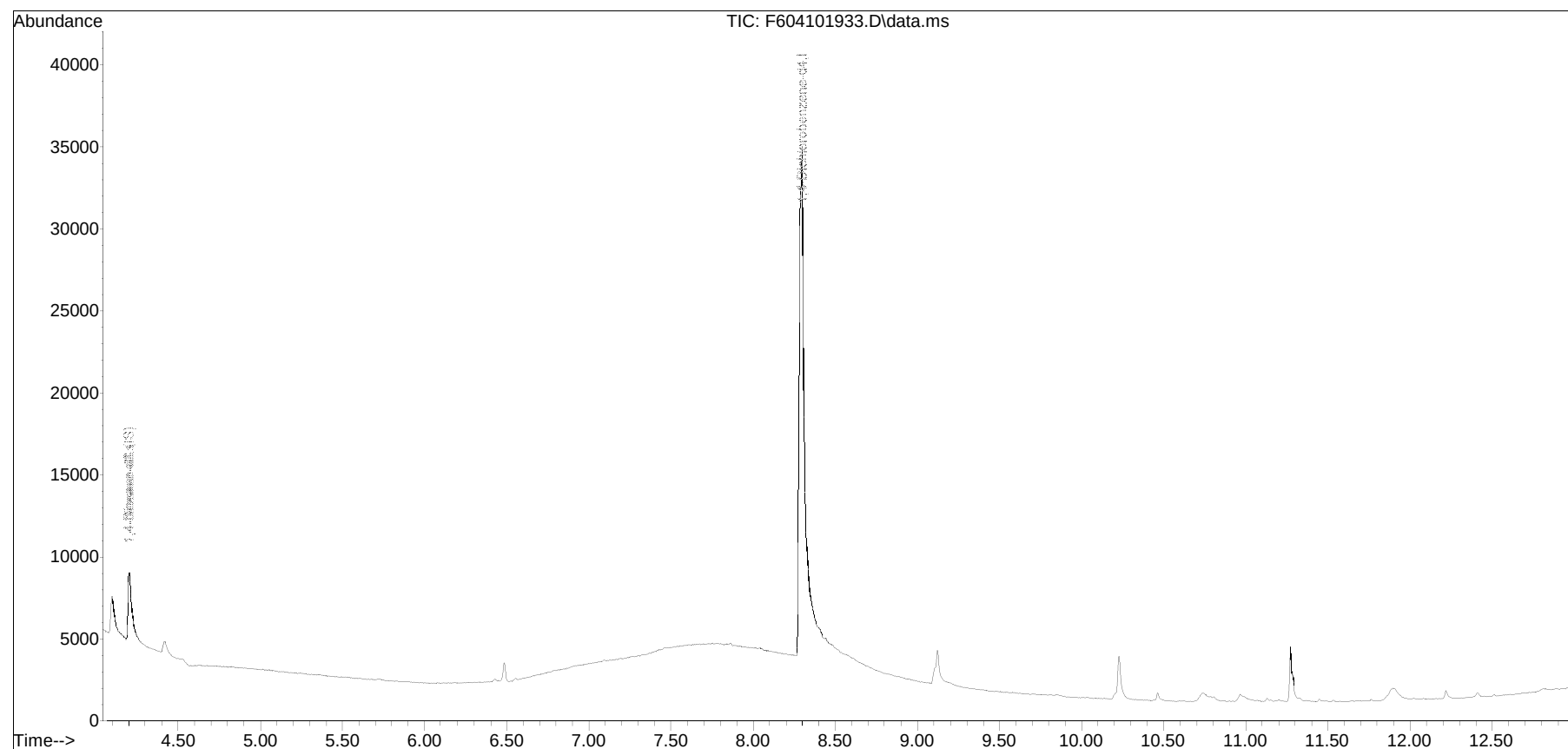
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\GCMS6\2019\APR\APR10\
Data File : F604101933.D
Acq On : 11 Apr 2019 4:17 am
Operator : GCMS6:MA
Sample : L1913816-06
Misc : WG1225111, WG1224686, ICAL15621
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Apr 11 15:26:45 2019
Quant Method : 0:\Organics\DATA\GCMS6\2019\APR\APR10\14DIOX0322GCMS6.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Thu Apr 11 14:41:14 2019
Response via : Initial Calibration

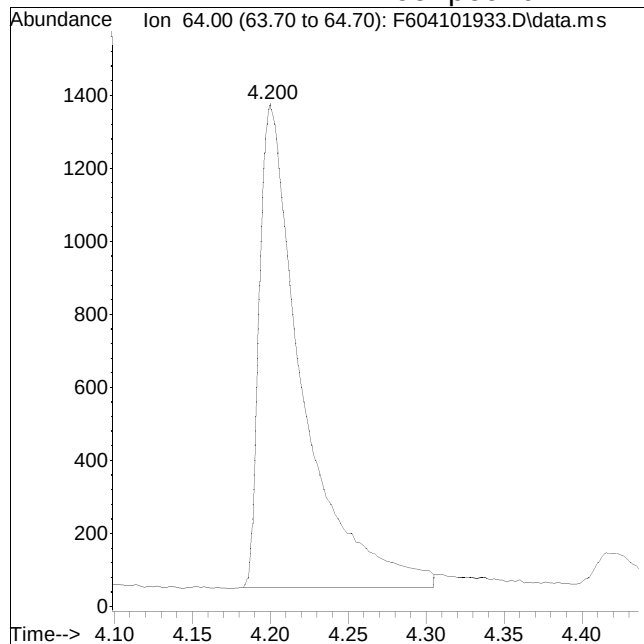
Sub List : Default - All compounds listed



Manual Integration/Negative Proof Report

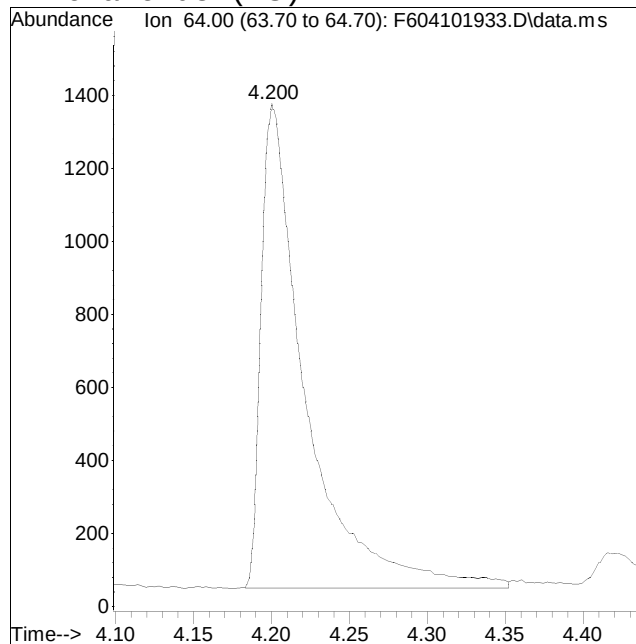
Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
Data File : F604101933.D Operator : GCMS6:MA
Date Inj'd : 4/11/2019 4:17 am Instrument : GCMS6
Sample : L1913816-06 Quant Date : 4/11/2019 2:45 pm

Compound #1: 1,4-Dioxane-d8 (IS)



Original Peak Response = 2544

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

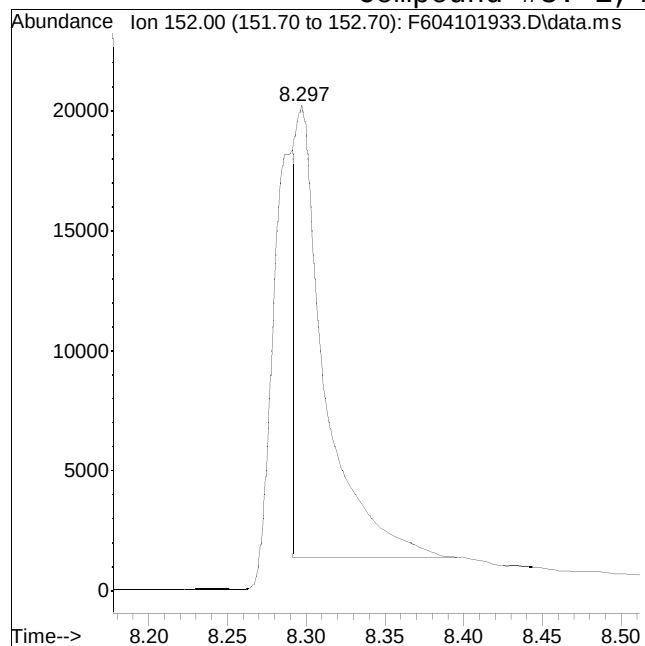


Manual Peak Response = 2627 M1

Manual Integration/Negative Proof Report

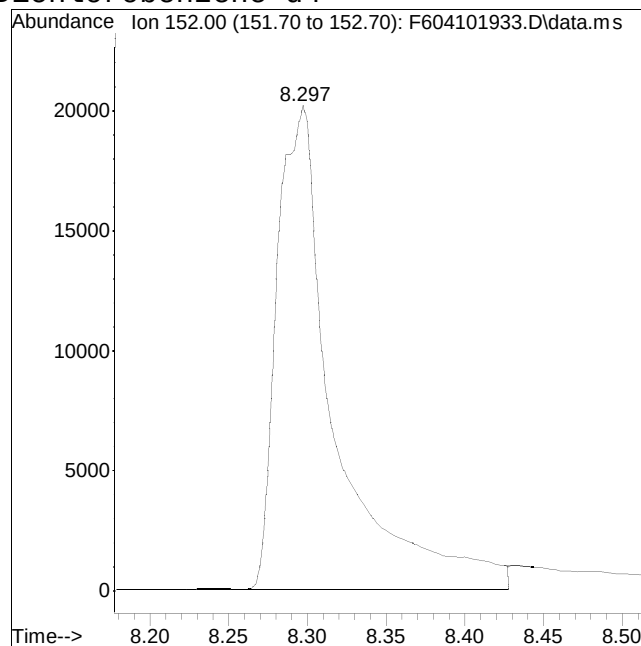
Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
Data File : F604101933.D Operator : GCMS6:MA
Date Inj'd : 4/11/2019 4:17 am Instrument : GCMS6
Sample : L1913816-06 Quant Date : 4/11/2019 2:45 pm

Compound #3: 1,4-Dichlorobenzene-d4



Original Peak Response = 24078

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

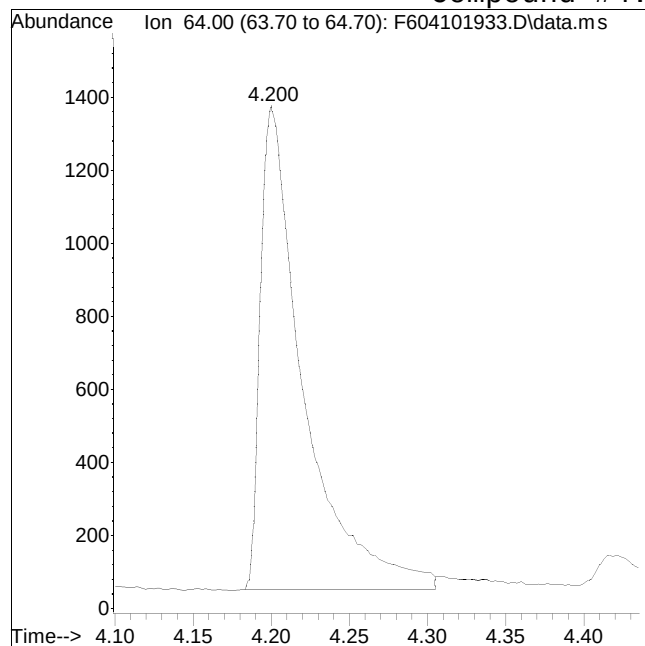


Manual Peak Response = 51670 M1

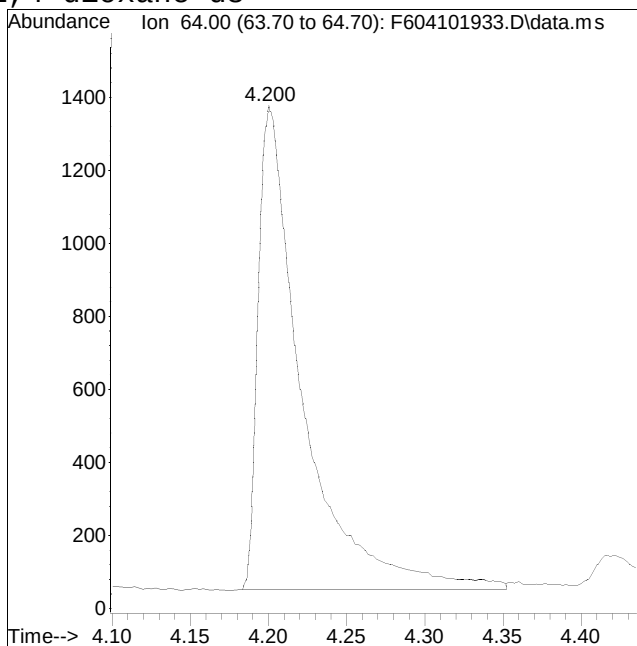
Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
 Data File : F604101933.D Operator : GCMS6:MA
 Date Inj'd : 4/11/2019 4:17 am Instrument : GCMS6
 Sample : L1913816-06 Quant Date : 4/11/2019 2:45 pm

Compound #4: 1,4-dioxane-d8



Original Peak Response = 2544



Manual Peak Response = 2617 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\GCMS6\2019\APR\APR10\
 Data File : F604101934.D
 Acq On : 11 Apr 2019 4:41 am
 Operator : GCMS6:MA
 Sample : L1913816-07
 Misc : WG1225111, WG1224686, ICAL15621
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Apr 11 15:27:20 2019
 Quant Method : O:\Organics\DATA\GCMS6\2019\APR\APR10\14DIOX0322GCMS6.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Thu Apr 11 14:41:14 2019
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.189	64	2686M1	500.000	ng/mL	0.05
3) 1,4-Dichlorobenzene-d4	8.297	152	52820	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.189	64	2686M1	86.524	ng/mL	0.05
Spiked Amount	500.000	Range	15 - 115	Recovery	=	17.30%
Target Compounds						
2) 1,4-dioxane	0.000		0	N.D.		Qvalue

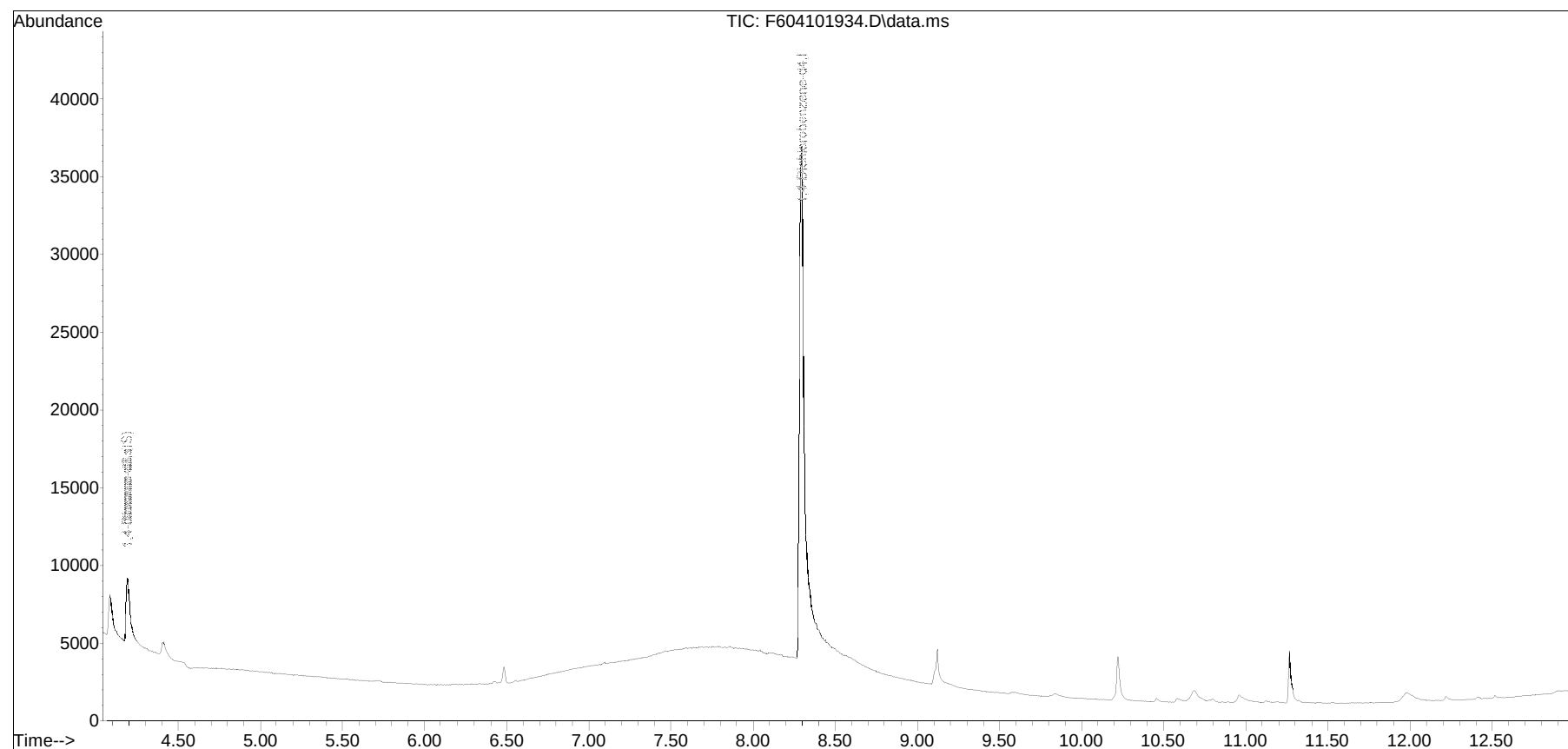
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\GCMS6\2019\APR\APR10\
Data File : F604101934.D
Acq On : 11 Apr 2019 4:41 am
Operator : GCMS6:MA
Sample : L1913816-07
Misc : WG1225111, WG1224686, ICAL15621
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Apr 11 15:27:20 2019
Quant Method : 0:\Organics\DATA\GCMS6\2019\APR\APR10\14DIOX0322GCMS6.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Thu Apr 11 14:41:14 2019
Response via : Initial Calibration

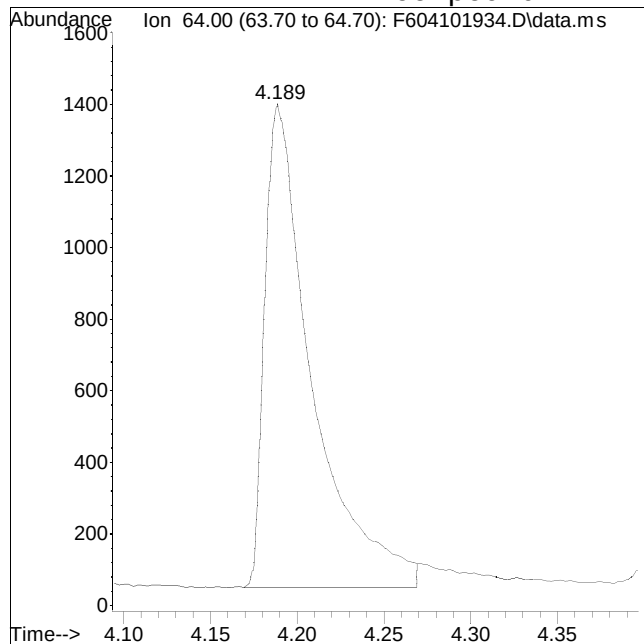
Sub List : Default - All compounds listed



Manual Integration/Negative Proof Report

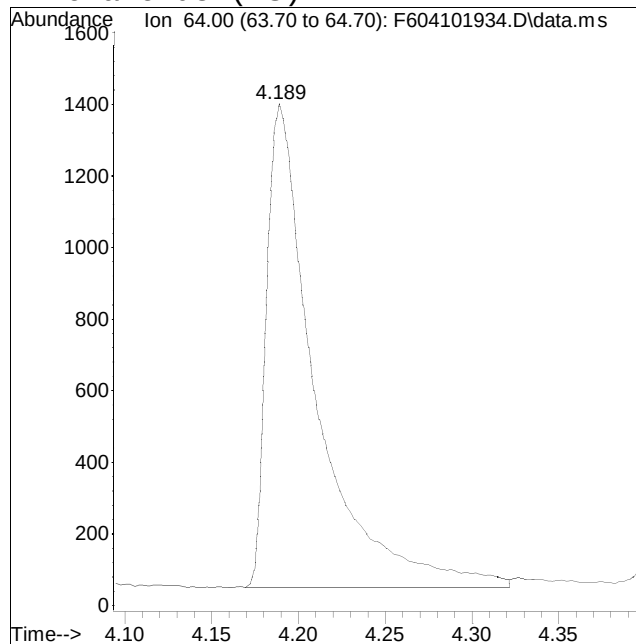
Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
Data File : F604101934.D Operator : GCMS6:MA
Date Inj'd : 4/11/2019 4:41 am Instrument : GCMS6
Sample : L1913816-07 Quant Date : 4/11/2019 2:45 pm

Compound #1: 1,4-Dioxane-d8 (IS)



Original Peak Response = 2549

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

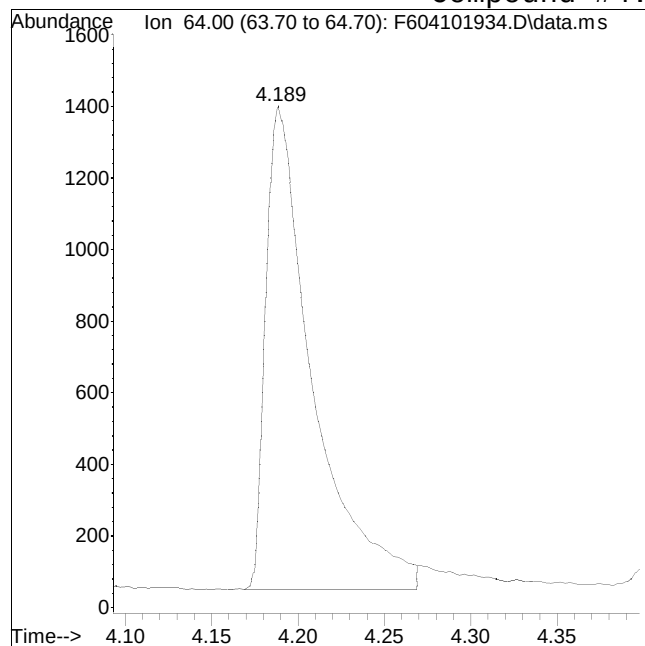


Manual Peak Response = 2686 M1

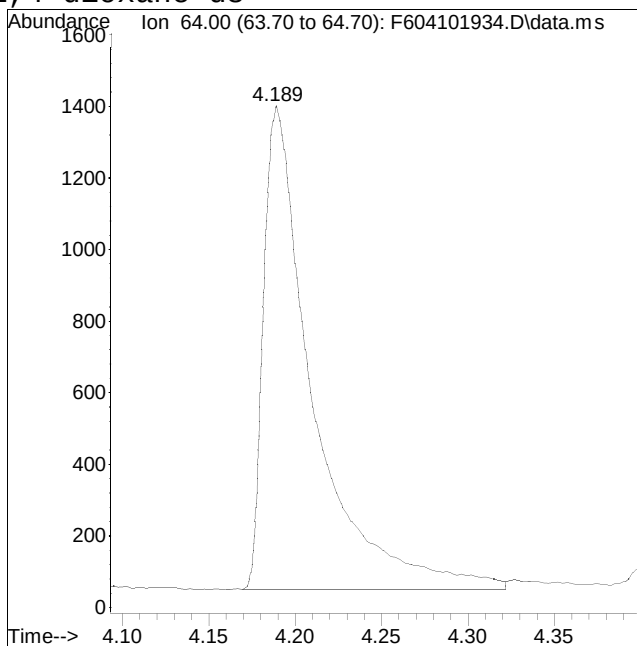
Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\GCMS6\20190411
 Data File : F604101934.D
 Date Inj'd : 4/11/2019 4:41 am
 Sample : L1913816-07
 Method : 14DIOX0322GCMS6.M
 Operator : GCMS6:MA
 Instrument : GCMS6
 Quant Date : 4/11/2019 2:45 pm

Compound #4: 1,4-dioxane-d8



Original Peak Response = 2549



Manual Peak Response = 2686 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Semivolatiles Standards Data

Initial Calibration

Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : GCMS6 **Ical Ref** : ICAL15621
Calibration dates : 03/22/19 16:08 03/22/19 19:08

Calibration Files

10 =F603221902.D 50 =F603221903.D 100 =F603221904.D 500 =F603221905.D 1000=F603221906.D
 5000=F603221907.D 1e04=F603221908.D

Compound		10	50	100	500	1000	5000	1e04	Avg	%RSD
1)	1,4-Dioxane-d8 (IS)	-----ISTD-----								
2)	1,4-dioxane	1.649	1.477	1.639	1.565	1.679	1.632	1.615	1.608	4.20
3) I	1,4-Dichlorobenzene-d4	-----ISTD-----								
4) s	1,4-dioxane-d8	0.278	0.285	0.296	0.297	0.294	0.303	0.305	0.294	3.24



Response Factor Report GCMS6

Method Path : 0:\Organics\DATA\GCMS6\2019\MAR\MAR22A\
 Method File : 14DIOX0322GCMS6.M
 Title : Semivolatiles by GC/MS
 Last Update : Sat Mar 23 09:48:58 2019
 Response Via : Initial Calibration

Calibration Files

10 =F603221902.D 50 =F603221903.D 100 =F603221904.D 500 =F603221905.D 1000=F603221906.D
 5000=F603221907.D 1e04=F603221908.D

Compound		10	50	100	500	1000	5000	1e04	Avg	%RSD

1)	1,4-Dioxane-d8 (IS)	-----ISTD-----								
2)	1,4-dioxane	1.649	1.477	1.639	1.565	1.679	1.632	1.615	1.608	4.20
3) I	1,4-Dichlorobenzene-d4	-----ISTD-----								
4) s	1,4-dioxane-d8	0.278	0.285	0.296	0.297	0.294	0.303	0.305	0.294	3.24

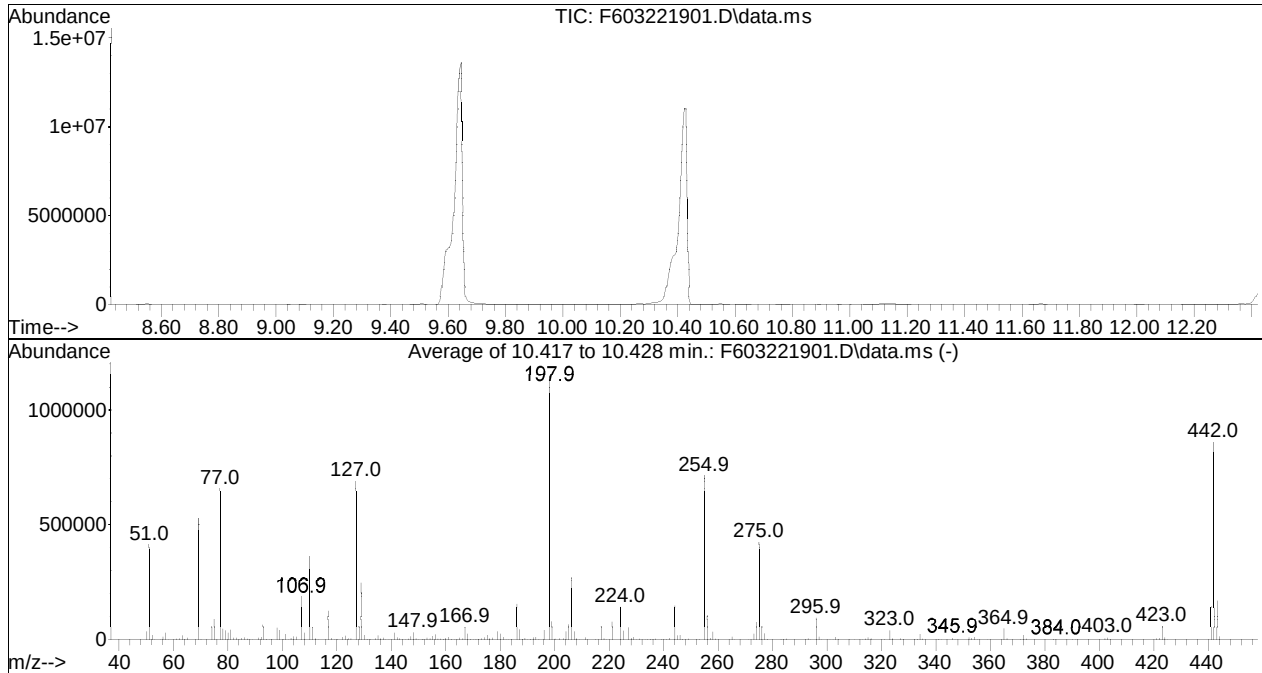
(#)= Out of Range										

DFTPP

Data Path : 0:\Organics\DATA\GCMS6\2019\MAR\MAR22A\
 Data File : F603221901.D
 Acq On : 22 Mar 2019 3:21 pm
 Operator : GCMS6:MA
 Sample : T603221901
 Misc : WG1218841,,MSAZ61
 ALS Vial : 1 Sample Multiplier: 1

Integration File: RTEINT.P

Method : 0:\Organics\DATA\GCMS6\2019\MAR\MAR22A\14DIOX0322GCMS6.M
 Title : Semivolatiles by GC/MS
 Last Update : Sat Mar 23 09:48:58 2019



Spectrum Information: Average of 10.417 to 10.428 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	35.8	412075	PASS
68	69	0.00	2	0.0	0	PASS
70	69	0.00	2	0.6	3028	PASS
127	198	10	80	60.0	689591	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	1149978	PASS
199	198	5	9	6.7	77039	PASS
275	198	10	60	36.9	423943	PASS
365	198	1	100	4.0	46538	PASS
441	442	0.01	24	16.7	143334	PASS
442	198	50	100	74.8	860489	PASS
443	442	15	24	19.3	166029	PASS

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\GCMS6\2019\MAR\MAR22A\
 Data File : F603221902.D
 Acq On : 22 Mar 2019 4:08 pm
 Operator : GCMS6:MA
 Sample : I603221901
 Misc : WG1218841,,MSAX56
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 23 10:01:38 2019
 Quant Method : O:\Organics\DATA\GCMS6\2019\MAR\MAR22A\14DIOX0322GCMS6.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Sat Mar 23 09:48:58 2019
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.805	64	20828	500.000	ng/mL	-0.08
3) 1,4-Dichlorobenzene-d4	8.490	152	74952M1	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.805	64	20828	472.818	ng/mL	-0.07
Spiked Amount	500.000	Range	15 - 115	Recovery	=	94.56%
Target Compounds						
2) 1,4-dioxane	4.874	88	687M4	10.256	ng/mL	Qvalue

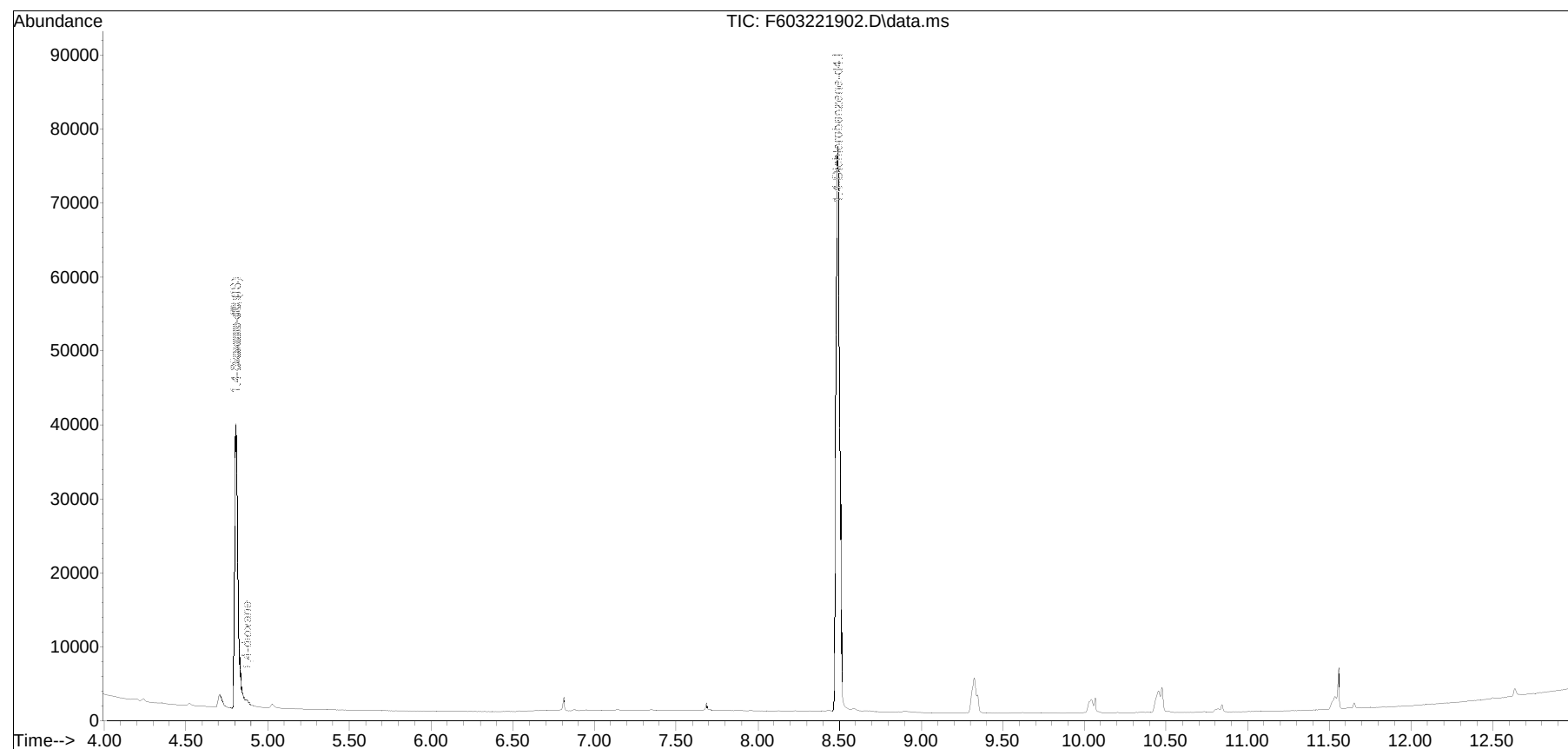
(#) = qualifier out of range (m) = manual integration (+) = signals summed

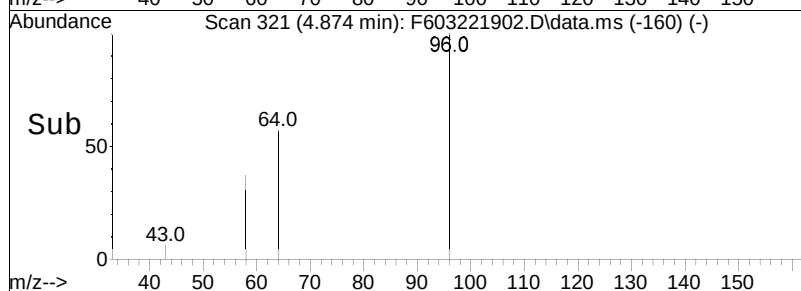
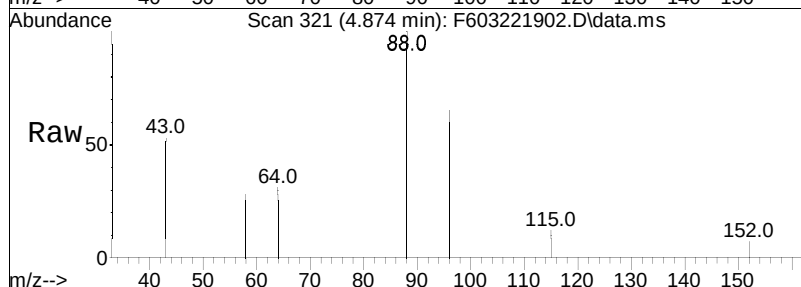
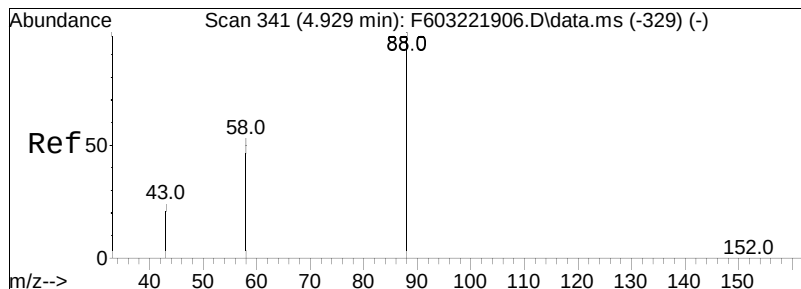
Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\GCMS6\2019\MAR\MAR22A\
Data File : F603221902.D
Acq On : 22 Mar 2019 4:08 pm
Operator : GCMS6:MA
Sample : I603221901
Misc : WG1218841,,MSAX56
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 23 10:01:38 2019
Quant Method : 0:\Organics\DATA\GCMS6\2019\MAR\MAR22A\14DIOX0322GCMS6.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Sat Mar 23 09:48:58 2019
Response via : Initial Calibration

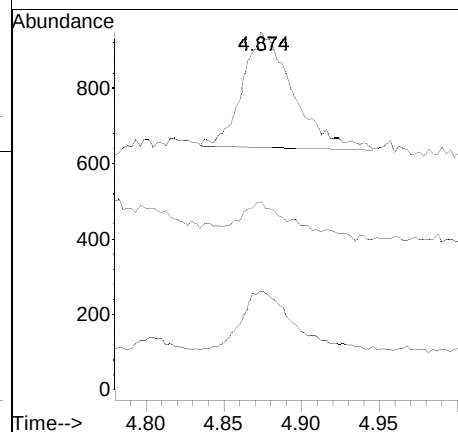
Sub List : Default - All compounds listed





#2
 1,4-dioxane
 Concen: 10.26 ng/mL M4
 RT: 4.874 min Scan# 321
 Delta R.T. -0.055 min
 Lab File: F603221902.D
 Acq: 22 Mar 2019 4:08 pm

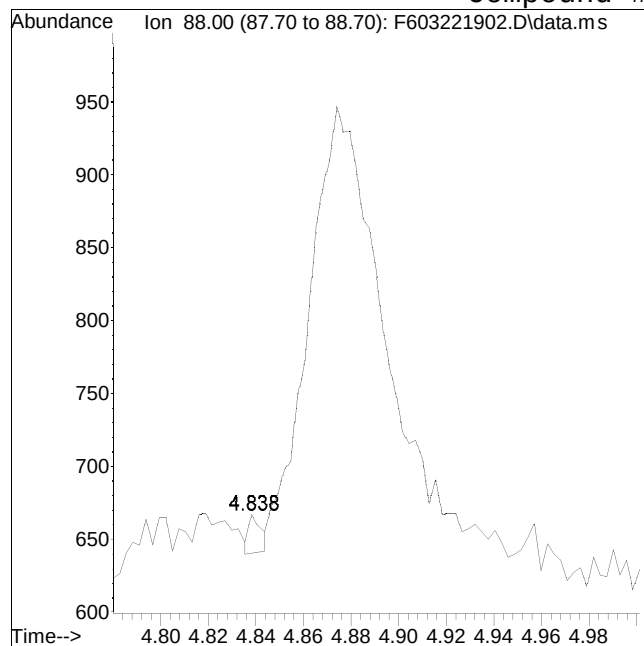
Tgt Ion: 88 Resp: 687
 Ion Ratio Lower Upper
 88 100
 58 48.5 42.6 63.8
 43 25.5 18.9 28.3



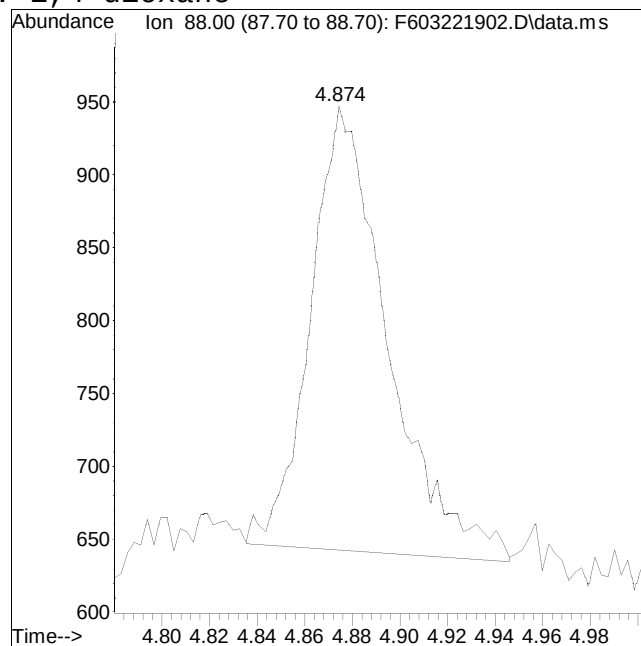
Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
Data File : F603221902.D Operator : GCMS6:MA
Date Inj'd : 3/22/2019 4:08 pm Instrument : GCMS6
Sample : I603221901 Quant Date : 3/23/2019 9:49 am

Compound #2: 1,4-dioxane



Original Peak Response = 10



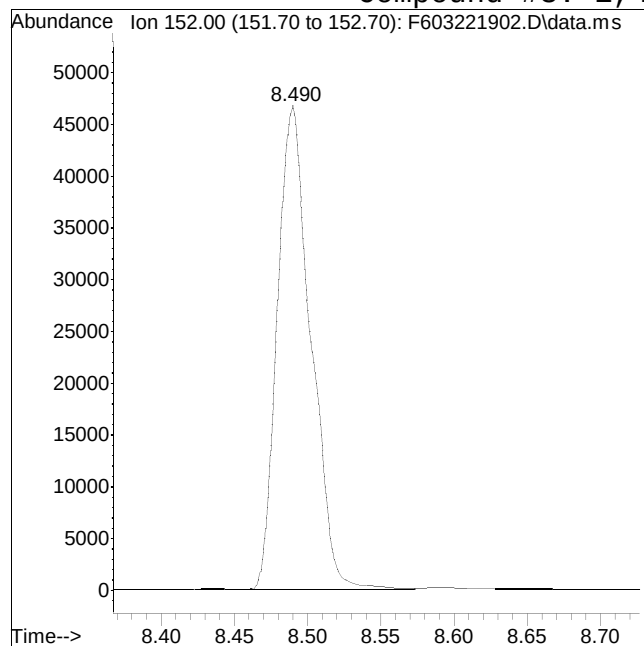
Manual Peak Response = 687 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

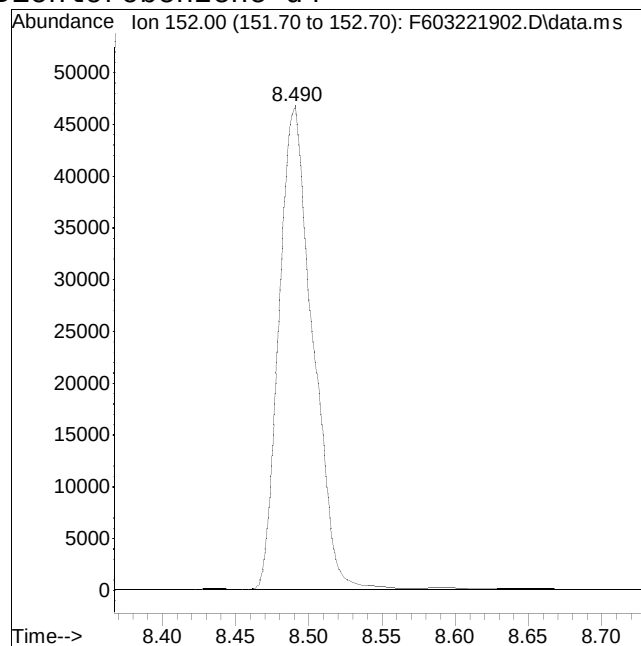
Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
 Data File : F603221902.D Operator : GCMS6:MA
 Date Inj'd : 3/22/2019 4:08 pm Instrument : GCMS6
 Sample : I603221901 Quant Date : 3/23/2019 9:49 am

Compound #3: 1,4-Dichlorobenzene-d4



Original Peak Response = 74441

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.



Manual Peak Response = 74952 M1

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\GCMS6\2019\MAR\MAR22A\
 Data File : F603221903.D
 Acq On : 22 Mar 2019 4:39 pm
 Operator : GCMS6:MA
 Sample : I603221902
 Misc : WG1218841,,MSAX57
 ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 23 09:49:43 2019
 Quant Method : O:\Organics\DATA\GCMS6\2019\MAR\MAR22A\14DIOX0322GCMS6.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Sat Mar 23 09:48:58 2019
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.852	64	21545	500.000	ng/mL	-0.03
3) 1,4-Dichlorobenzene-d4	8.488	152	75603M1	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.852	64	21545	484.883	ng/mL	-0.03
Spiked Amount	500.000	Range	15 - 115	Recovery	=	96.98%
Target Compounds						
2) 1,4-dioxane	4.916	88	3183M4	45.937	ng/mL	Qvalue

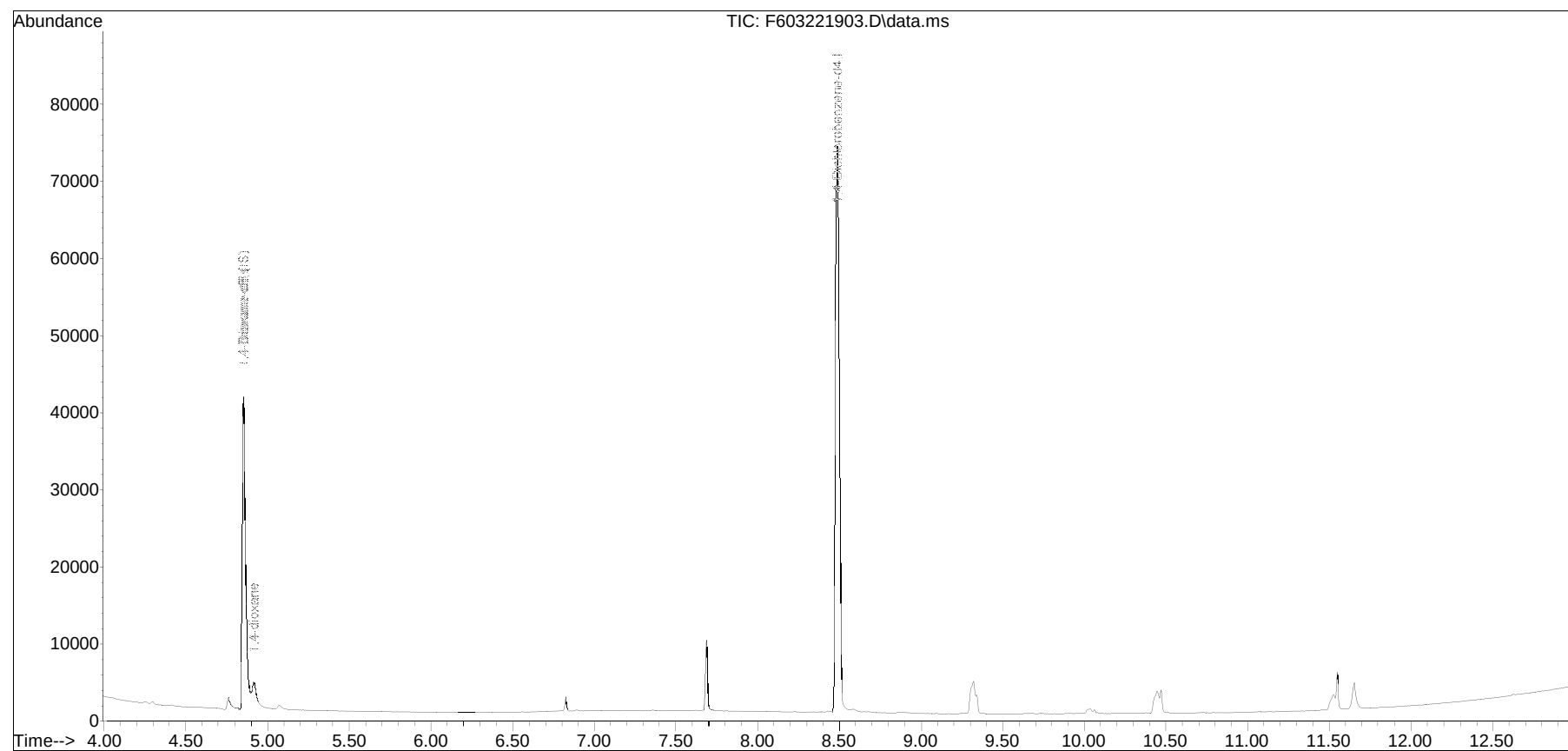
(#) = qualifier out of range (m) = manual integration (+) = signals summed

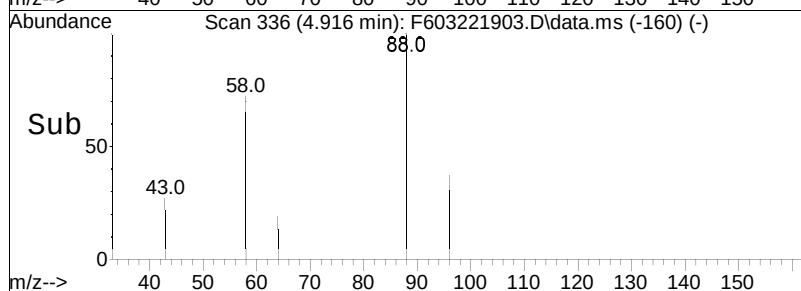
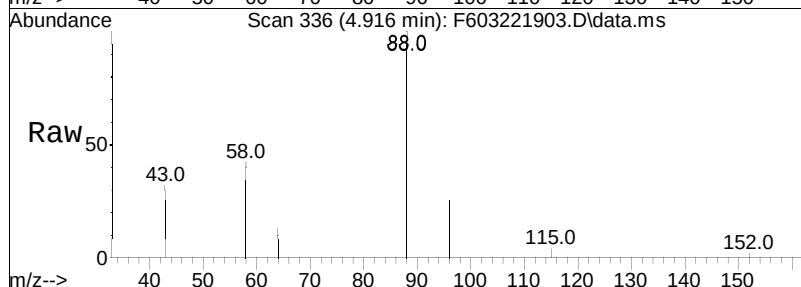
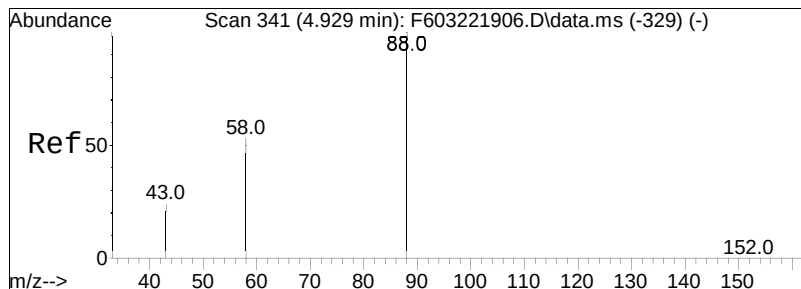
Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\GCMS6\2019\MAR\MAR22A\
Data File : F603221903.D
Acq On : 22 Mar 2019 4:39 pm
Operator : GCMS6:MA
Sample : I603221902
Misc : WG1218841,,MSAX57
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 23 09:49:43 2019
Quant Method : 0:\Organics\DATA\GCMS6\2019\MAR\MAR22A\14DIOX0322GCMS6.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Sat Mar 23 09:48:58 2019
Response via : Initial Calibration

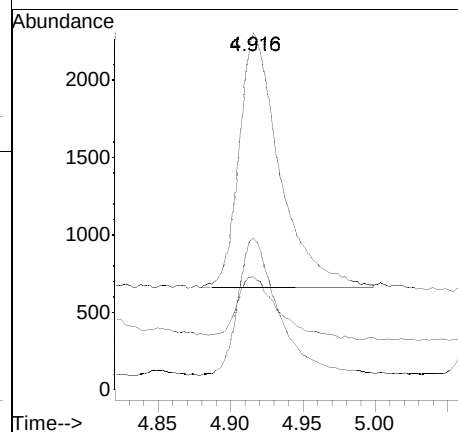
Sub List : Default - All compounds listed





#2
 1,4-dioxane
 Concen: 45.94 ng/mL M4
 RT: 4.916 min Scan# 336
 Delta R.T. -0.014 min
 Lab File: F603221903.D
 Acq: 22 Mar 2019 4:39 pm

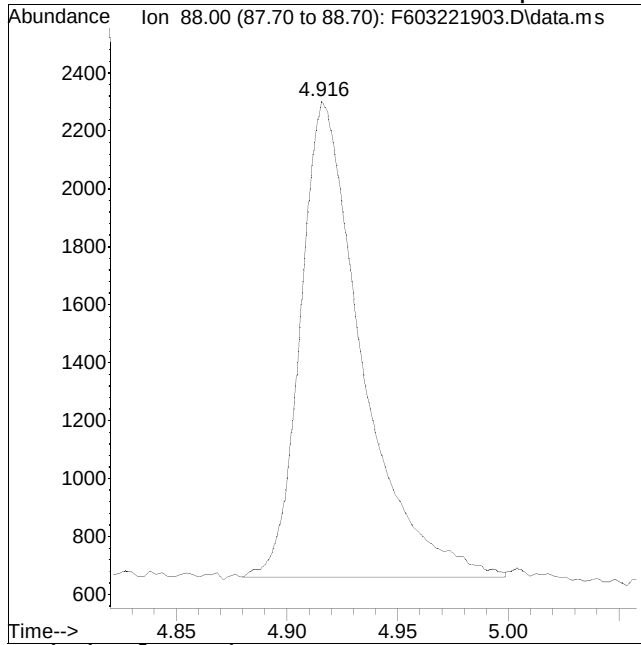
Tgt Ion: 88 Resp: 3183
 Ion Ratio Lower Upper
 88 100
 58 52.3 42.6 63.8
 43 24.1 18.9 28.3



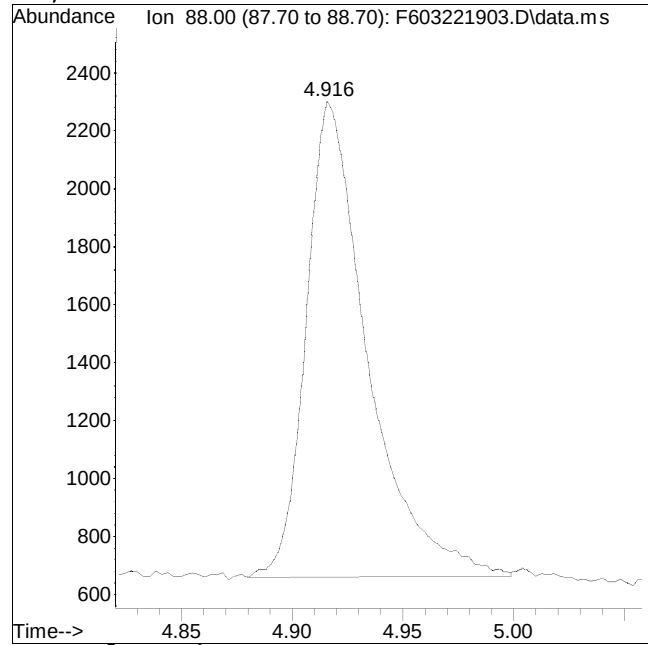
Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
Data File : F603221903.D Operator : GCMS6:MA
Date Inj'd : 3/22/2019 4:39 pm Instrument : GCMS6
Sample : I603221902 Quant Date : 3/23/2019 9:49 am

Compound #2: 1,4-dioxane



Original Peak Response = 3191



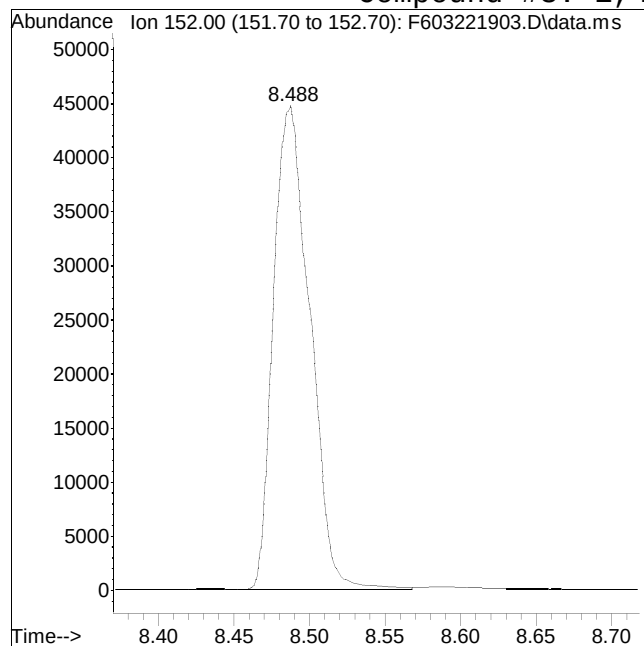
Manual Peak Response = 3183 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

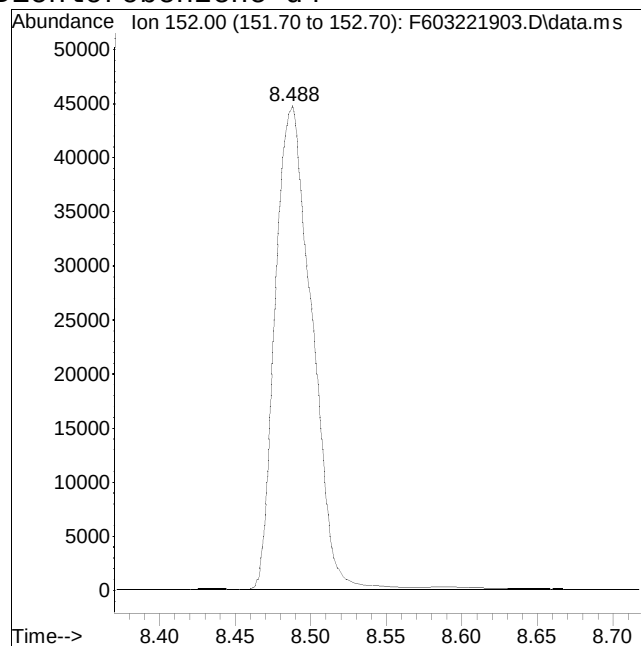
Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
Data File : F603221903.D Operator : GCMS6:MA
Date Inj'd : 3/22/2019 4:39 pm Instrument : GCMS6
Sample : I603221902 Quant Date : 3/23/2019 9:49 am

Compound #3: 1,4-Dichlorobenzene-d4



Original Peak Response = 74957

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.



Manual Peak Response = 75603 M1

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\GCMS6\2019\MAR\MAR22A\
 Data File : F603221904.D
 Acq On : 22 Mar 2019 5:09 pm
 Operator : GCMS6:MA
 Sample : I603221903
 Misc : WG1218841,,MSAX58
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 23 10:03:12 2019
 Quant Method : O:\Organics\DATA\GCMS6\2019\MAR\MAR22A\14DIOX0322GCMS6.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Sat Mar 23 09:48:58 2019
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.841	64	21831	500.000	ng/mL	-0.04
3) 1,4-Dichlorobenzene-d4	8.488	152	73864M4	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.841	64	21831	502.887	ng/mL	-0.04
Spiked Amount	500.000	Range	15 - 115	Recovery	=	100.58%
Target Compounds						
2) 1,4-dioxane	4.902	88	7158M4	101.952	ng/mL	Qvalue

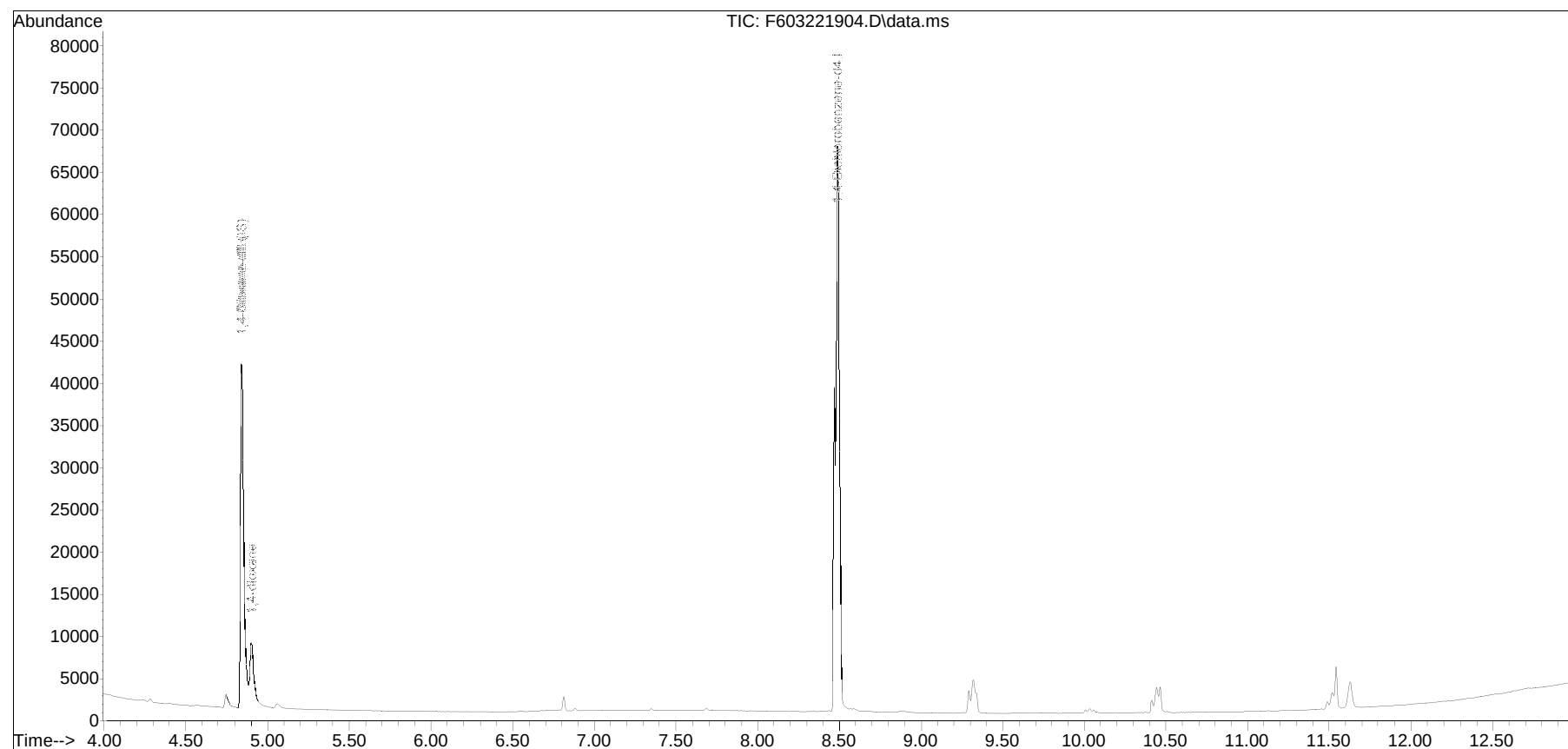
(#) = qualifier out of range (m) = manual integration (+) = signals summed

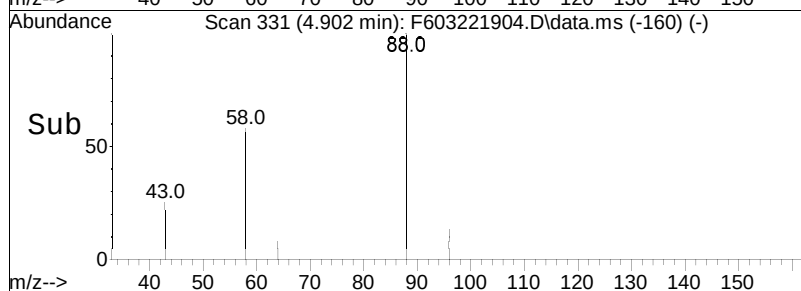
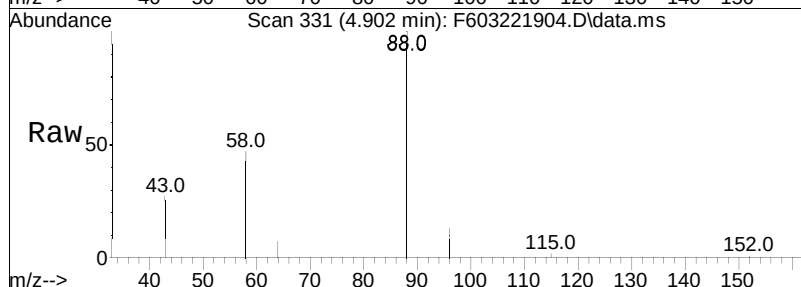
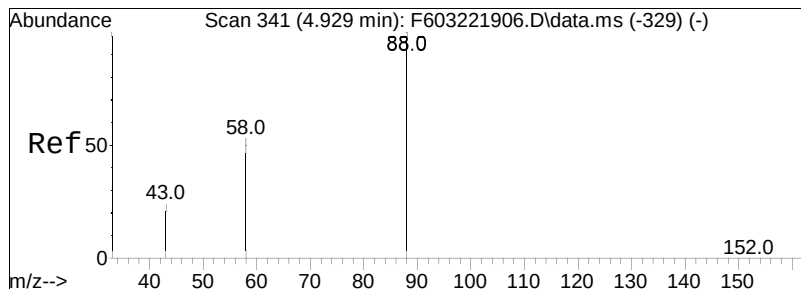
Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\GCMS6\2019\MAR\MAR22A\
Data File : F603221904.D
Acq On : 22 Mar 2019 5:09 pm
Operator : GCMS6:MA
Sample : I603221903
Misc : WG1218841,,MSAX58
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 23 10:03:12 2019
Quant Method : 0:\Organics\DATA\GCMS6\2019\MAR\MAR22A\14DIOX0322GCMS6.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Sat Mar 23 09:48:58 2019
Response via : Initial Calibration

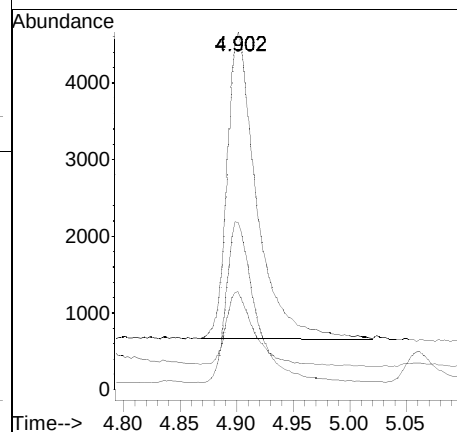
Sub List : Default - All compounds listed





#2
 1,4-dioxane
 Concen: 101.95 ng/mL M4
 RT: 4.902 min Scan# 331
 Delta R.T. -0.028 min
 Lab File: F603221904.D
 Acq: 22 Mar 2019 5:09 pm

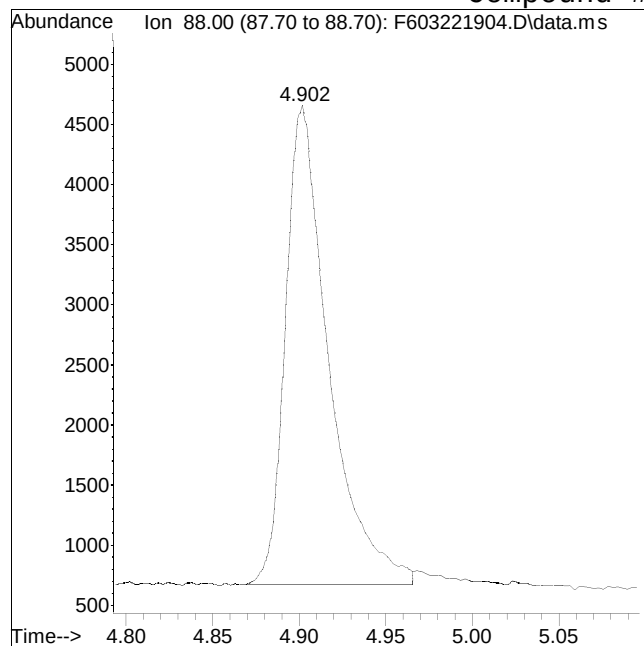
Tgt Ion	88	Ratio	Lower	Upper
88	100			
58	52.6	42.6	63.8	
43	21.5	18.9	28.3	



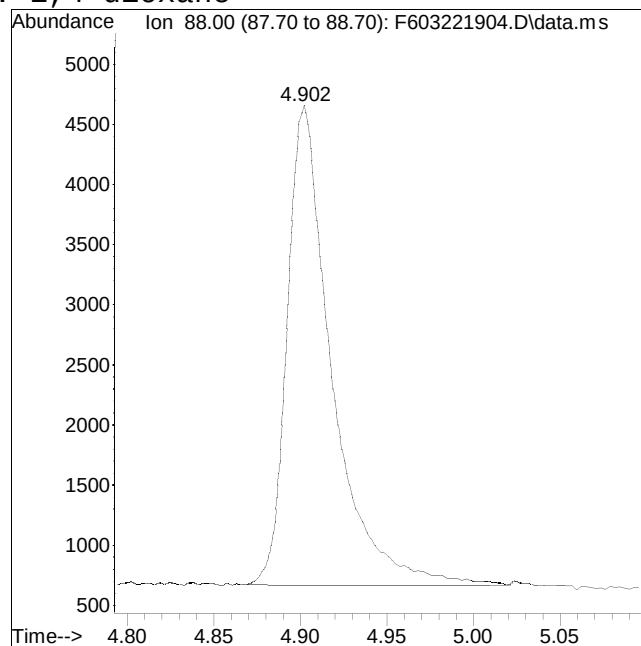
Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
Data File : F603221904.D Operator : GCMS6:MA
Date Inj'd : 3/22/2019 5:09 pm Instrument : GCMS6
Sample : I603221903 Quant Date : 3/23/2019 9:49 am

Compound #2: 1,4-dioxane



Original Peak Response = 6967



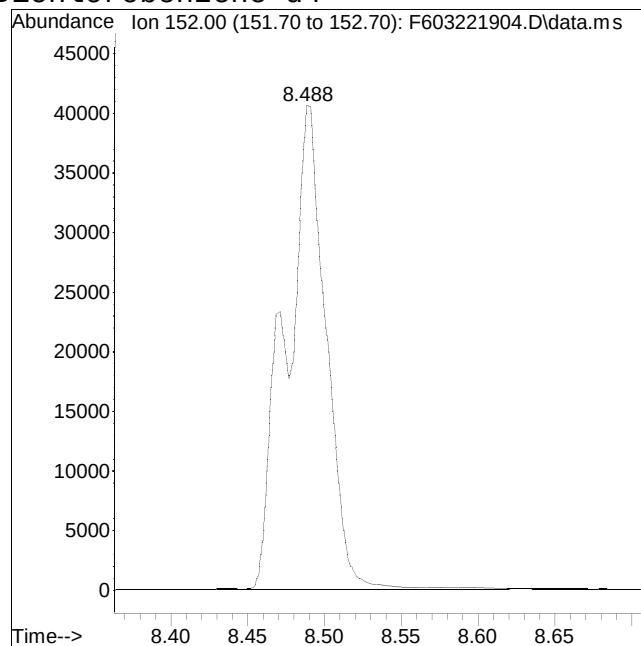
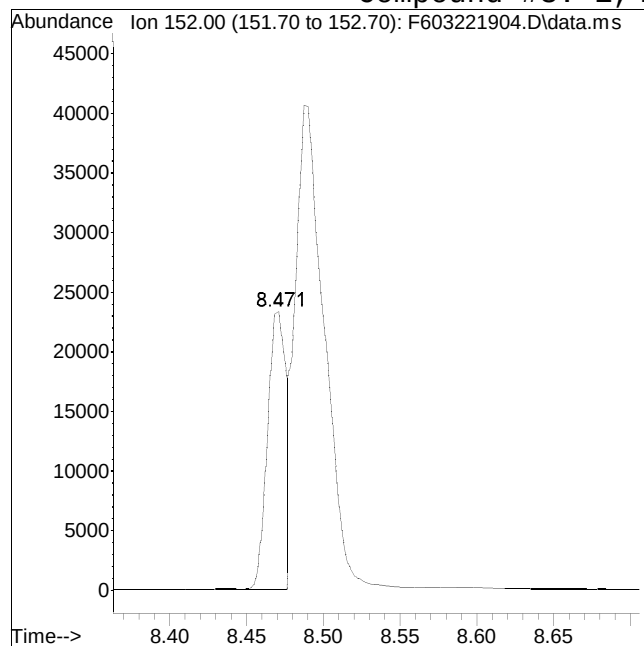
Manual Peak Response = 7158 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
Data File : F603221904.D Operator : GCMS6:MA
Date Inj'd : 3/22/2019 5:09 pm Instrument : GCMS6
Sample : I603221903 Quant Date : 3/23/2019 9:49 am

Compound #3: 1,4-Dichlorobenzene-d4



Original Peak Response = 19809

Manual Peak Response = 73864 M4

M4 = Poor automated baseline construction.

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\GCMS6\2019\MAR\MAR22A\
 Data File : F603221905.D
 Acq On : 22 Mar 2019 5:40 pm
 Operator : GCMS6:MA
 Sample : I603221904
 Misc : WG1218841,,MSAX59
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 23 09:49:53 2019
 Quant Method : O:\Organics\DATA\GCMS6\2019\MAR\MAR22A\14DIOX0322GCMS6.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Sat Mar 23 09:48:58 2019
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.810	64	21484	500.000	ng/mL	-0.07
3) 1,4-Dichlorobenzene-d4	8.499	152	72243M1	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.810	64	21484	505.998	ng/mL	-0.07
Spiked Amount	500.000	Range	15 - 115	Recovery	=	101.20%
Target Compounds						
2) 1,4-dioxane	4.866	88	33612M1	486.469	ng/mL	Qvalue

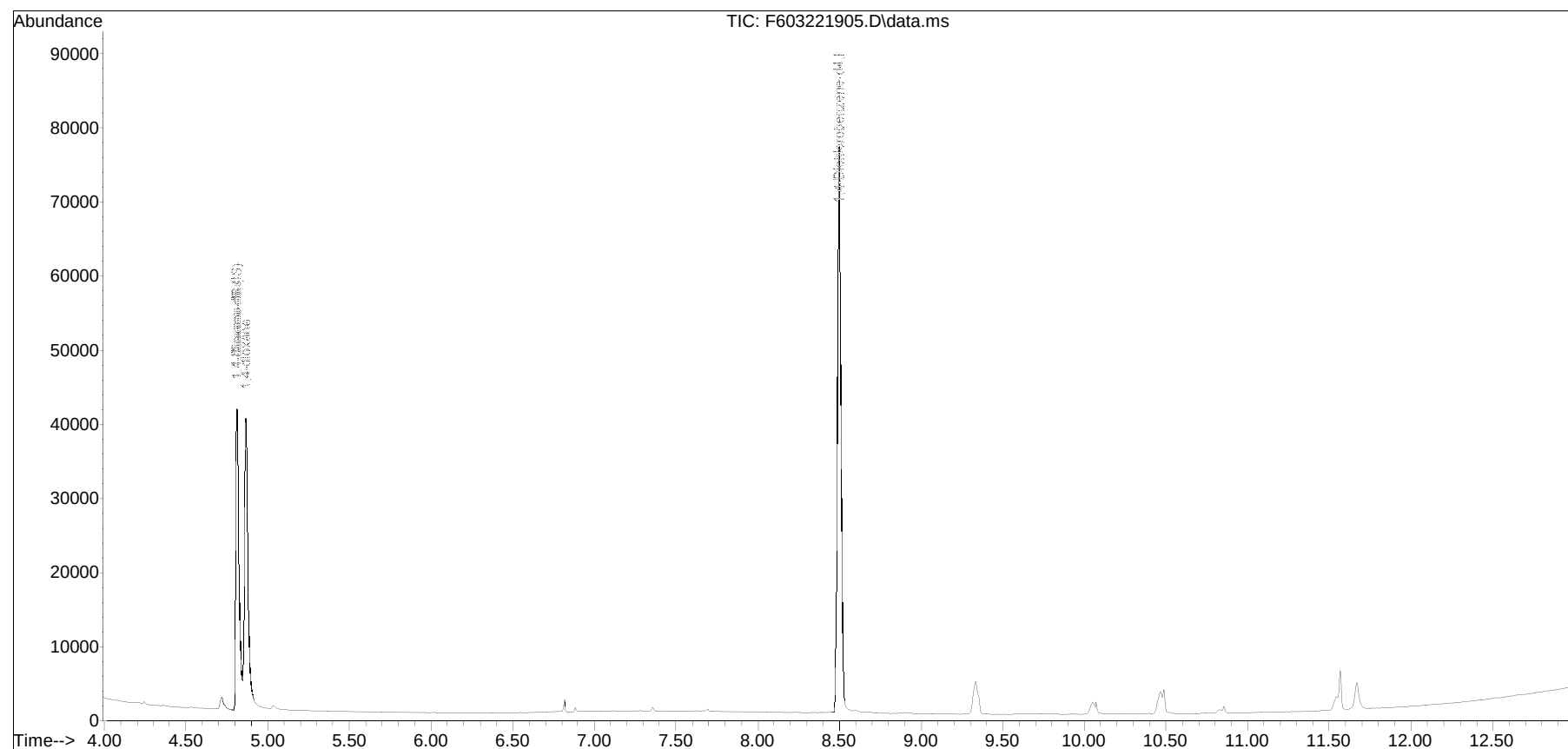
(#) = qualifier out of range (m) = manual integration (+) = signals summed

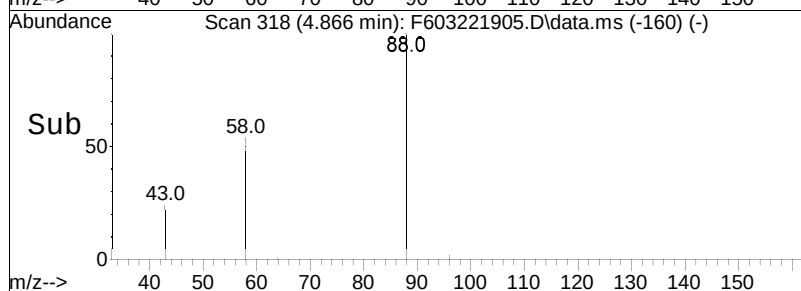
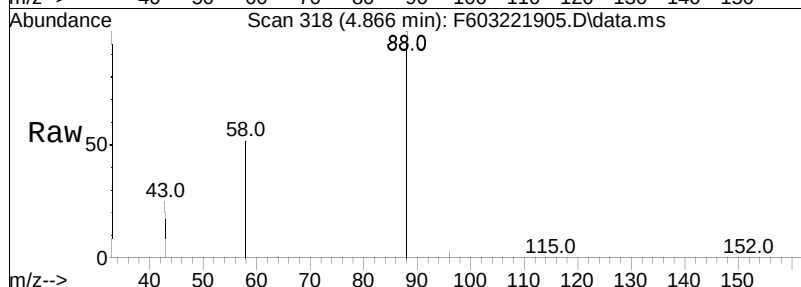
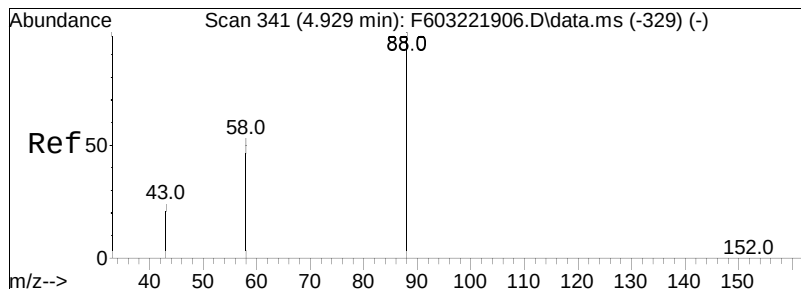
Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\GCMS6\2019\MAR\MAR22A\
Data File : F603221905.D
Acq On : 22 Mar 2019 5:40 pm
Operator : GCMS6:MA
Sample : I603221904
Misc : WG1218841,,MSAX59
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 23 09:49:53 2019
Quant Method : 0:\Organics\DATA\GCMS6\2019\MAR\MAR22A\14DIOX0322GCMS6.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Sat Mar 23 09:48:58 2019
Response via : Initial Calibration

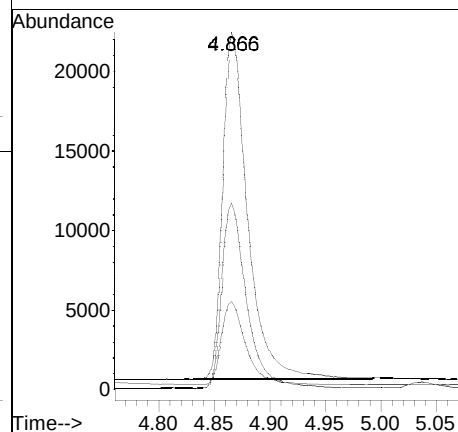
Sub List : Default - All compounds listed





#2
 1,4-dioxane
 Concen: 486.47 ng/mL M1
 RT: 4.866 min Scan# 318
 Delta R.T. -0.064 min
 Lab File: F603221905.D
 Acq: 22 Mar 2019 5:40 pm

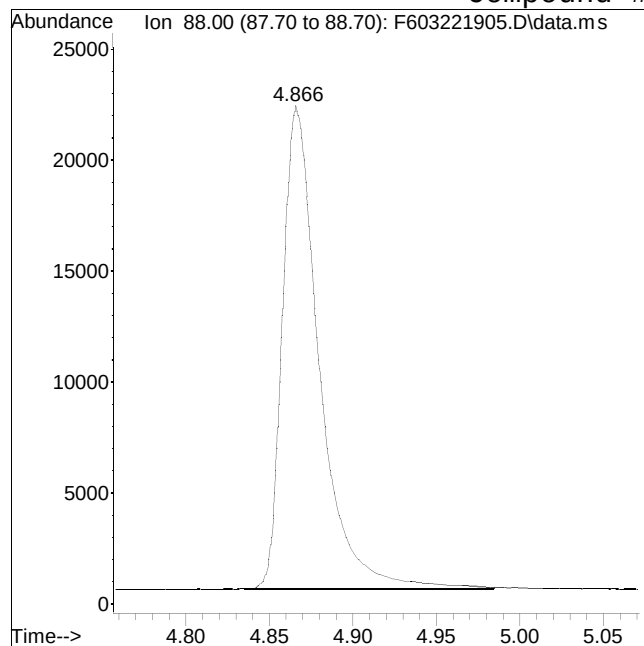
Tgt Ion	Ratio	Resp	Lower	Upper
88	100	33612		
58	53.4	42.6	63.8	
43	23.2	18.9	28.3	



Manual Integration/Negative Proof Report

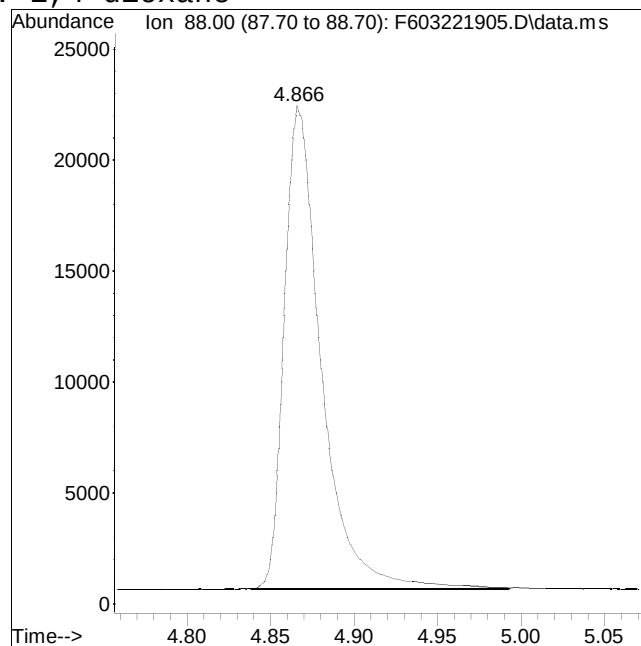
Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
 Data File : F603221905.D Operator : GCMS6:MA
 Date Inj'd : 3/22/2019 5:40 pm Instrument : GCMS6
 Sample : I603221904 Quant Date : 3/23/2019 9:49 am

Compound #2: 1,4-dioxane



Original Peak Response = 33541

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

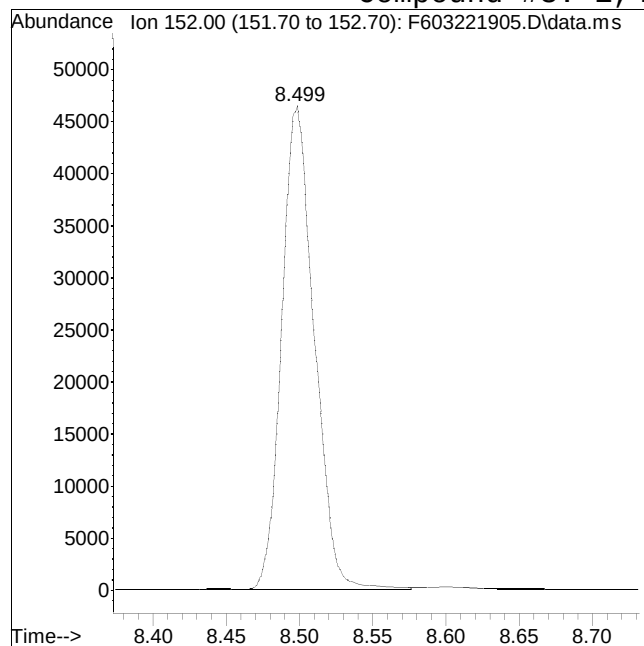


Manual Peak Response = 33612 M1

Manual Integration/Negative Proof Report

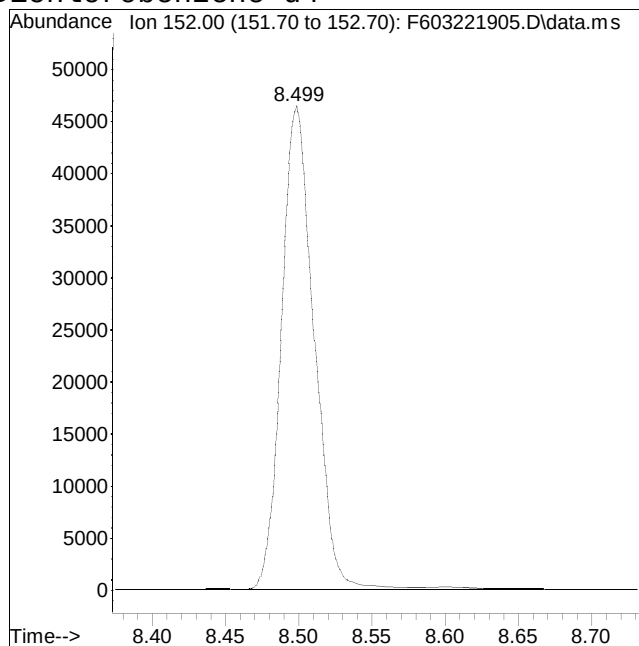
Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
Data File : F603221905.D Operator : GCMS6:MA
Date Inj'd : 3/22/2019 5:40 pm Instrument : GCMS6
Sample : I603221904 Quant Date : 3/23/2019 9:49 am

Compound #3: 1,4-Dichlorobenzene-d4



Original Peak Response = 71657

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.



Manual Peak Response = 72243 M1

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\GCMS6\2019\MAR\MAR22A\
 Data File : F603221906.D
 Acq On : 22 Mar 2019 6:09 pm
 Operator : GCMS6:MA
 Sample : I603221905
 Misc : WG1218841,,MSAY94
 ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 23 09:49:58 2019
 Quant Method : O:\Organics\DATA\GCMS6\2019\MAR\MAR22A\14DIOX0322GCMS6.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Sat Mar 23 09:48:58 2019
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.880	64	20642M1	500.000	ng/mL	0.00
3) 1,4-Dichlorobenzene-d4	8.493	152	70245M1	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.880	64	20645M1	500.068	ng/mL	0.00
Spiked Amount	500.000	Range	15 - 115	Recovery	=	100.01%
Target Compounds						
2) 1,4-dioxane	4.929	88	69325	1044.274	ng/mL	Qvalue 100

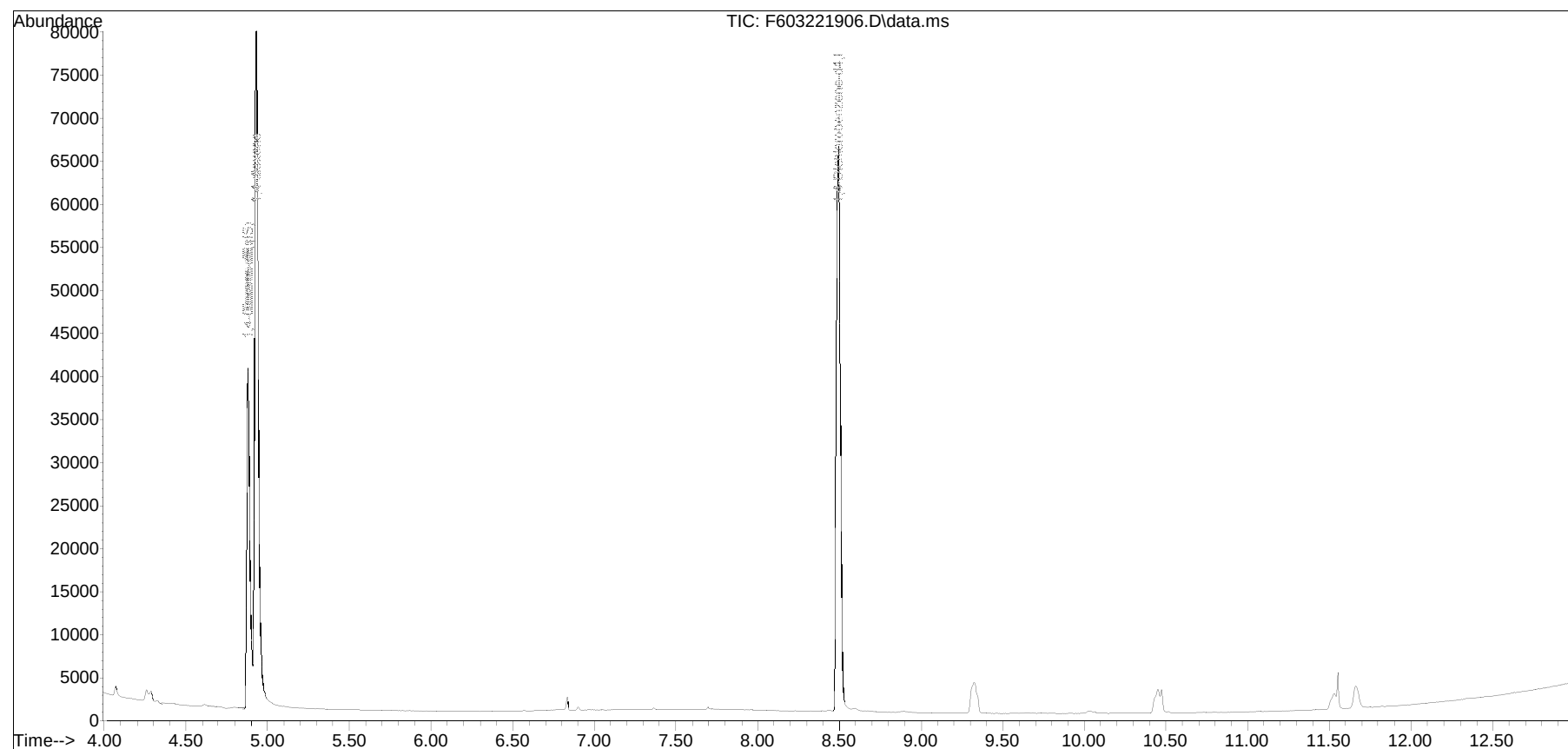
(#) = qualifier out of range (m) = manual integration (+) = signals summed

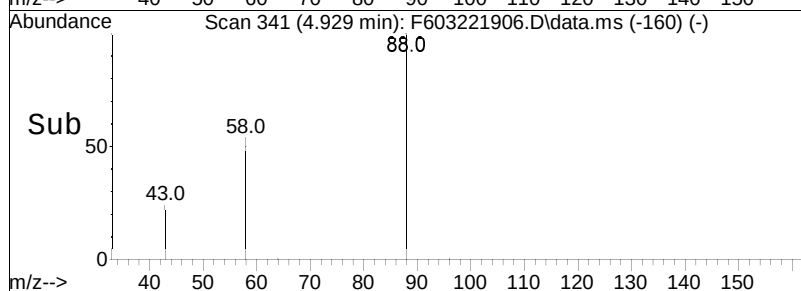
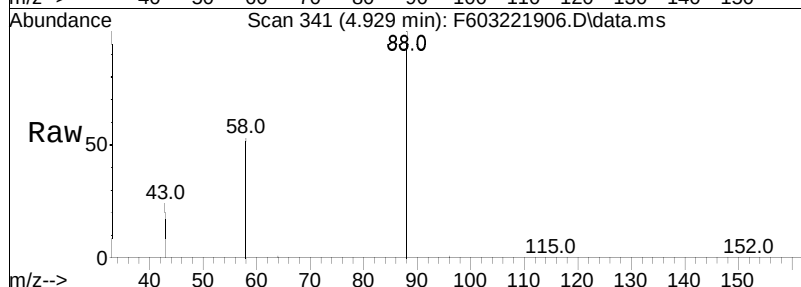
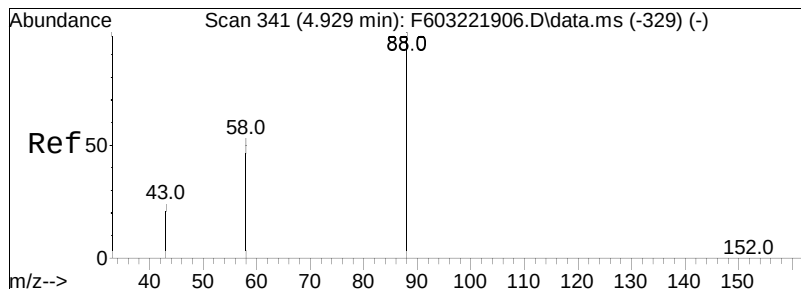
Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\GCMS6\2019\MAR\MAR22A\
Data File : F603221906.D
Acq On : 22 Mar 2019 6:09 pm
Operator : GCMS6:MA
Sample : I603221905
Misc : WG1218841,,MSAY94
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 23 09:49:58 2019
Quant Method : 0:\Organics\DATA\GCMS6\2019\MAR\MAR22A\14DIOX0322GCMS6.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Sat Mar 23 09:48:58 2019
Response via : Initial Calibration

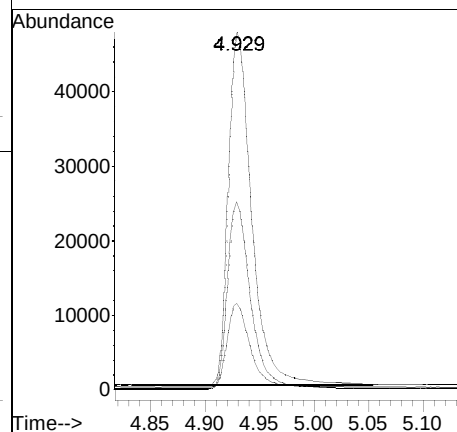
Sub List : Default - All compounds listed





#2
 1,4-dioxane
 Concen: 1044.27 ng/mL
 RT: 4.929 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: F603221906.D
 Acq: 22 Mar 2019 6:09 pm

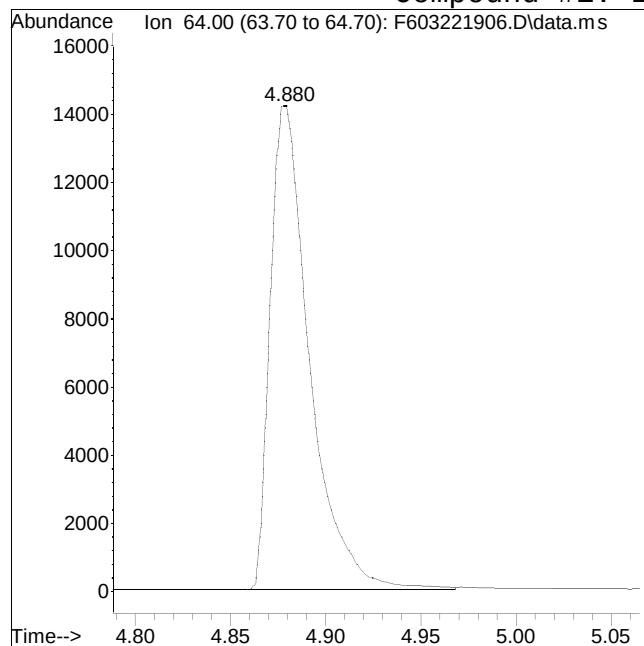
Tgt Ion	Ratio	Resp	Lower	Upper
88	100	69325		
58	53.2	42.6	63.8	
43	23.6	18.9	28.3	



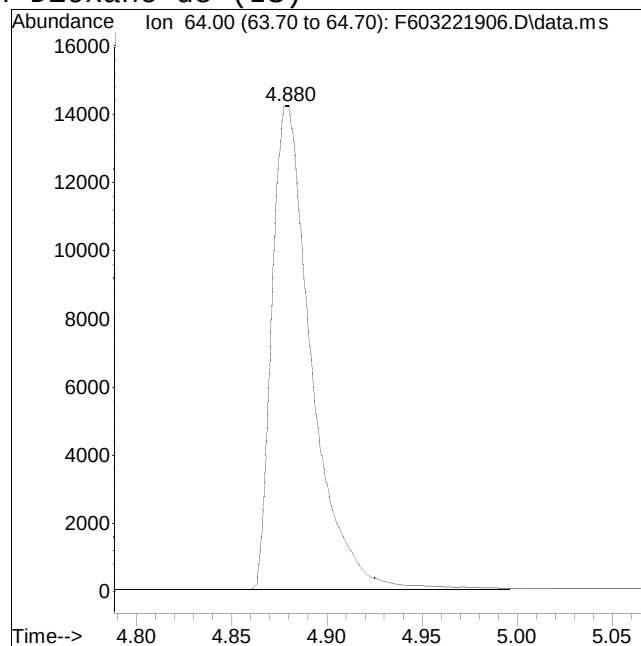
Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
 Data File : F603221906.D Operator : GCMS6:MA
 Date Inj'd : 3/22/2019 6:09 pm Instrument : GCMS6
 Sample : I603221905 Quant Date : 3/23/2019 9:49 am

Compound #1: 1,4-Dioxane-d8 (IS)



Original Peak Response = 20409



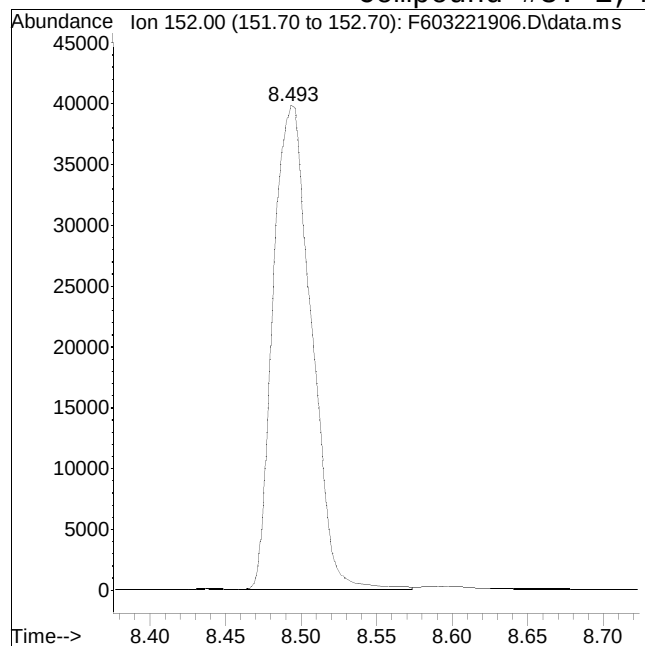
Manual Peak Response = 20642 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration/Negative Proof Report

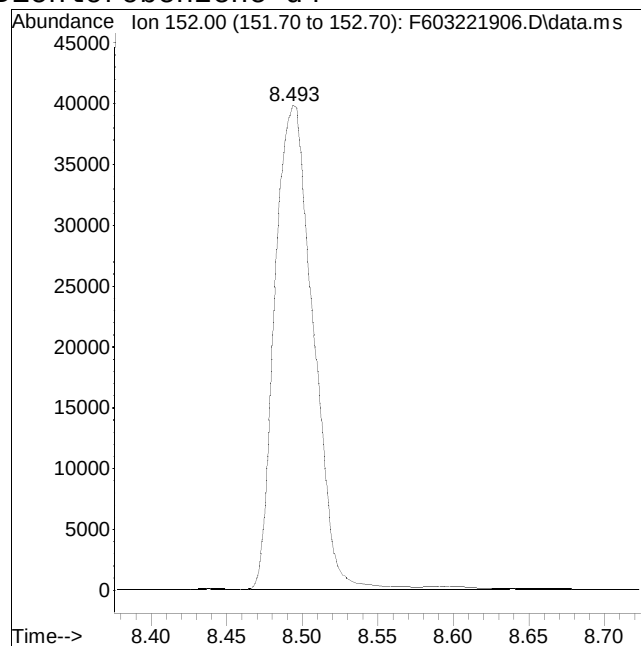
Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
 Data File : F603221906.D Operator : GCMS6:MA
 Date Inj'd : 3/22/2019 6:09 pm Instrument : GCMS6
 Sample : I603221905 Quant Date : 3/23/2019 9:49 am

Compound #3: 1,4-Dichlorobenzene-d4



Original Peak Response = 69722

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

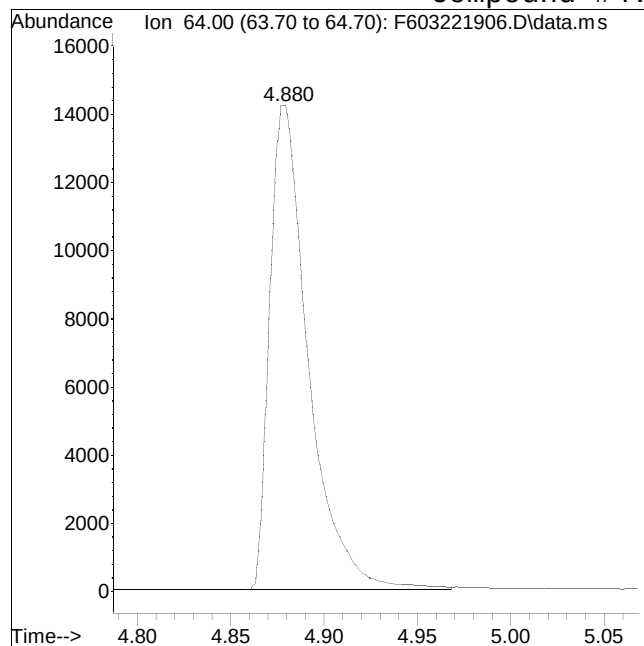


Manual Peak Response = 70245 M1

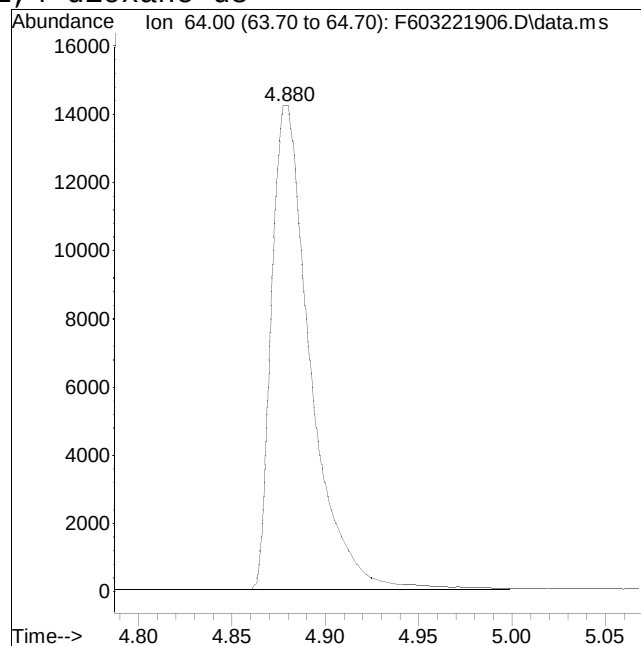
Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
 Data File : F603221906.D Operator : GCMS6:MA
 Date Inj'd : 3/22/2019 6:09 pm Instrument : GCMS6
 Sample : I603221905 Quant Date : 3/23/2019 9:49 am

Compound #4: 1,4-dioxane-d8



Original Peak Response = 20409



Manual Peak Response = 20645 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\GCMS6\2019\MAR\MAR22A\
 Data File : F603221907.D
 Acq On : 22 Mar 2019 6:39 pm
 Operator : GCMS6:MA
 Sample : I603221906
 Misc : WG1218841,,MSAX61
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 23 09:50:03 2019
 Quant Method : O:\Organics\DATA\GCMS6\2019\MAR\MAR22A\14DIOX0322GCMS6.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Sat Mar 23 09:48:58 2019
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.827	64	21001	500.000	ng/mL	-0.05
3) 1,4-Dichlorobenzene-d4	8.485	152	69411M1	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.827	64	21001	514.803	ng/mL	-0.05
Spiked Amount	500.000	Range	15 - 115	Recovery	=	102.96%
Target Compounds						
2) 1,4-dioxane	4.877	88	342651M4	5073.275	ng/mL	Qvalue

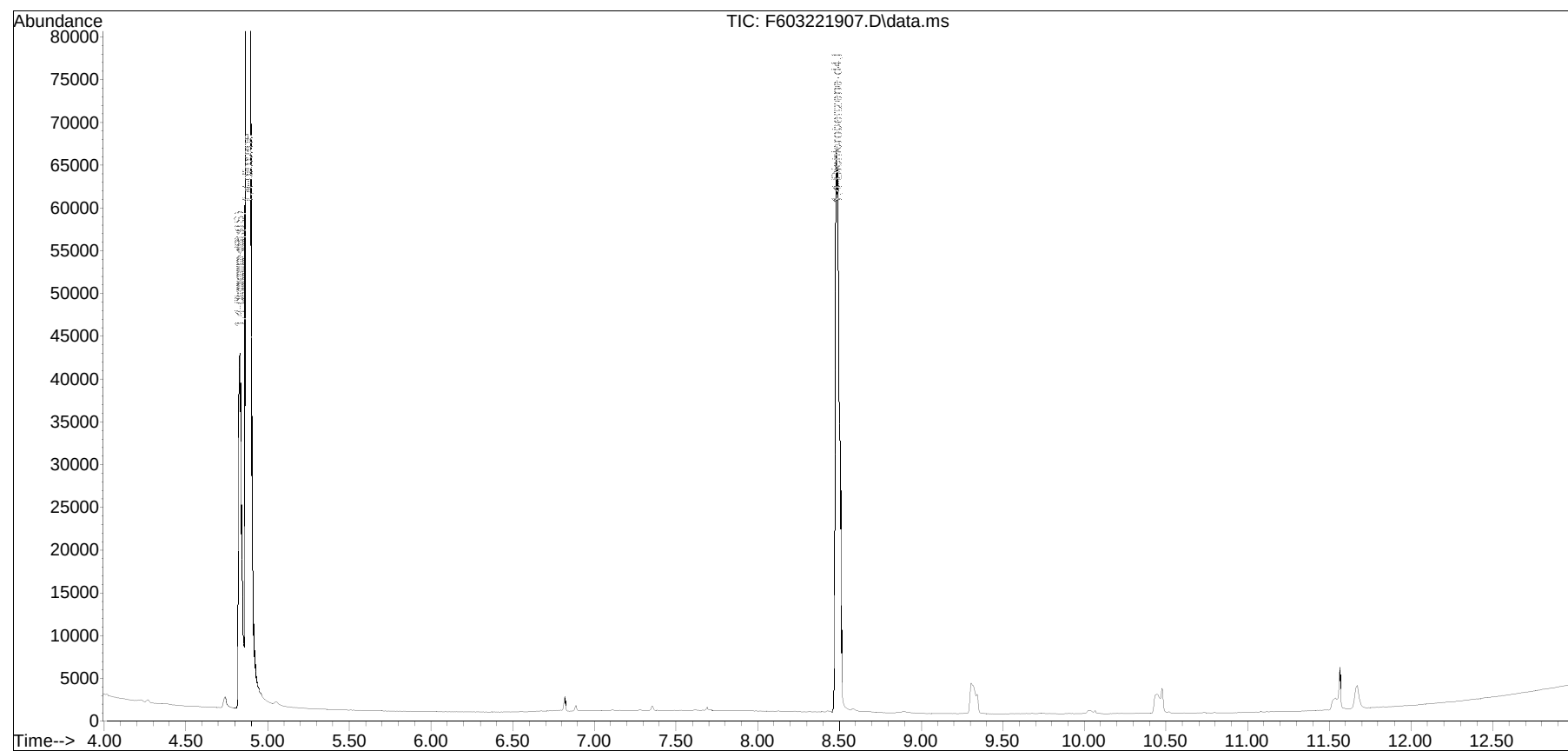
(#) = qualifier out of range (m) = manual integration (+) = signals summed

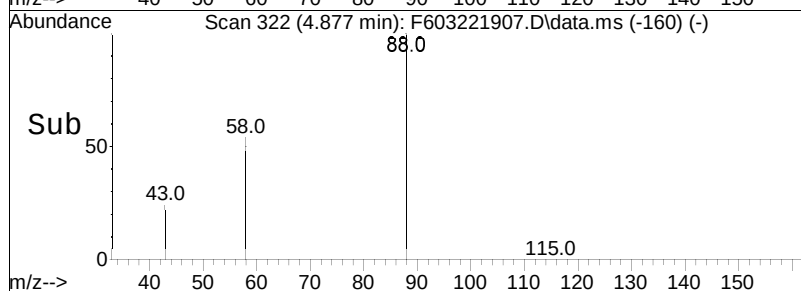
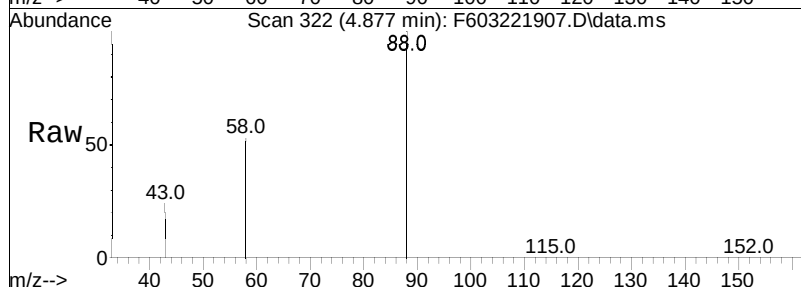
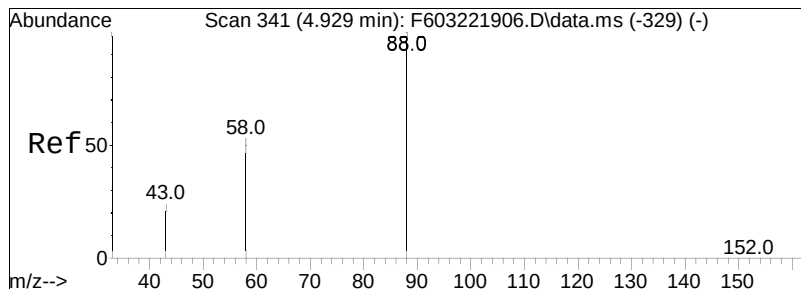
Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\GCMS6\2019\MAR\MAR22A\
Data File : F603221907.D
Acq On : 22 Mar 2019 6:39 pm
Operator : GCMS6:MA
Sample : I603221906
Misc : WG1218841,,MSAX61
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 23 09:50:03 2019
Quant Method : 0:\Organics\DATA\GCMS6\2019\MAR\MAR22A\14DIOX0322GCMS6.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Sat Mar 23 09:48:58 2019
Response via : Initial Calibration

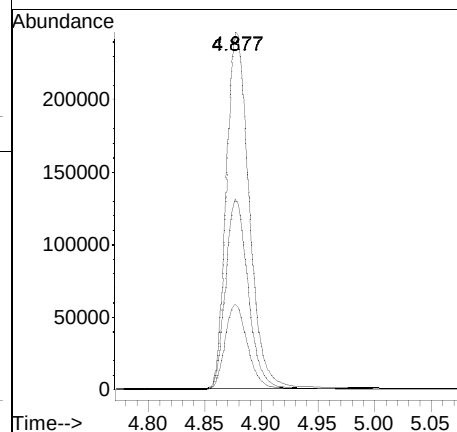
Sub List : Default - All compounds listed





#2
 1,4-dioxane
 Concen: 5073.27 ng/mL M4
 RT: 4.877 min Scan# 322
 Delta R.T. -0.052 min
 Lab File: F603221907.D
 Acq: 22 Mar 2019 6:39 pm

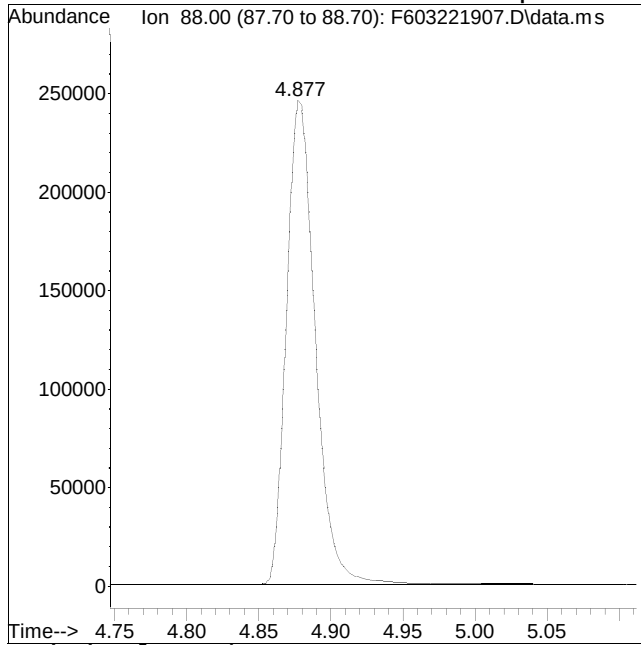
Tgt Ion	Ratio	Resp	Lower	Upper
88	100			
58	53.4	42.6	63.8	
43	23.7	18.9	28.3	



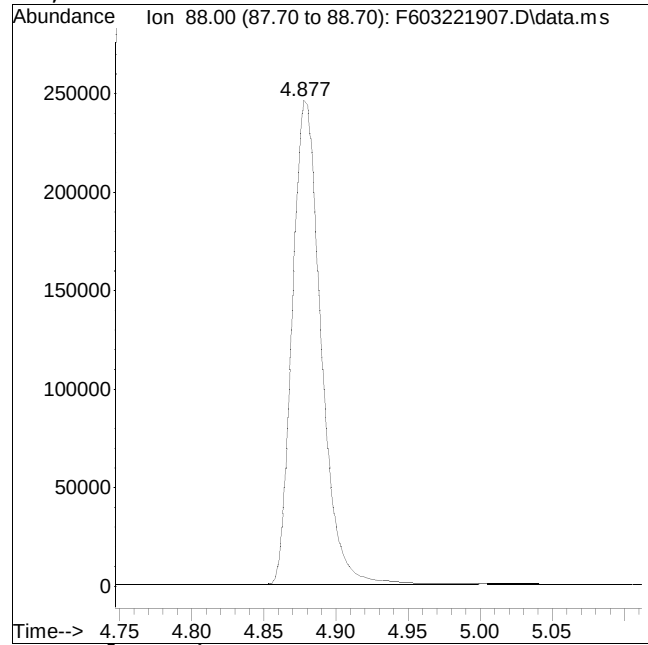
Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
Data File : F603221907.D Operator : GCMS6:MA
Date Inj'd : 3/22/2019 6:39 pm Instrument : GCMS6
Sample : I603221906 Quant Date : 3/23/2019 9:50 am

Compound #2: 1,4-dioxane



Original Peak Response = 343106



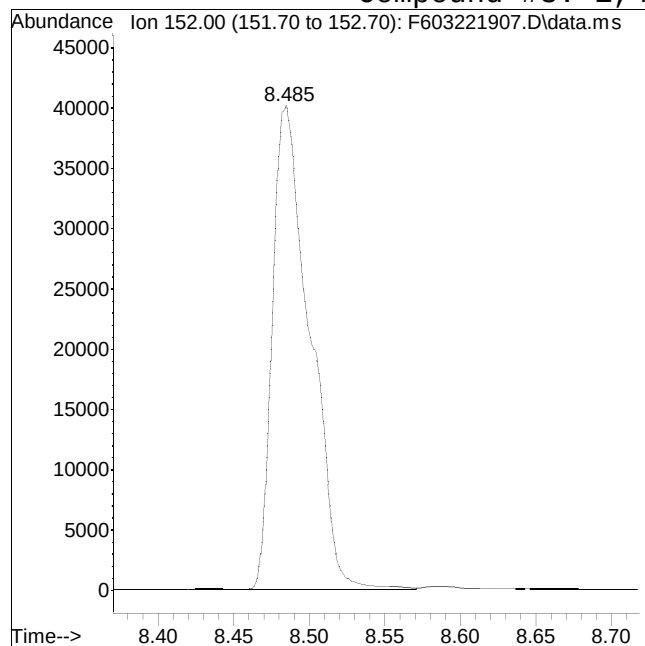
Manual Peak Response = 342651 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

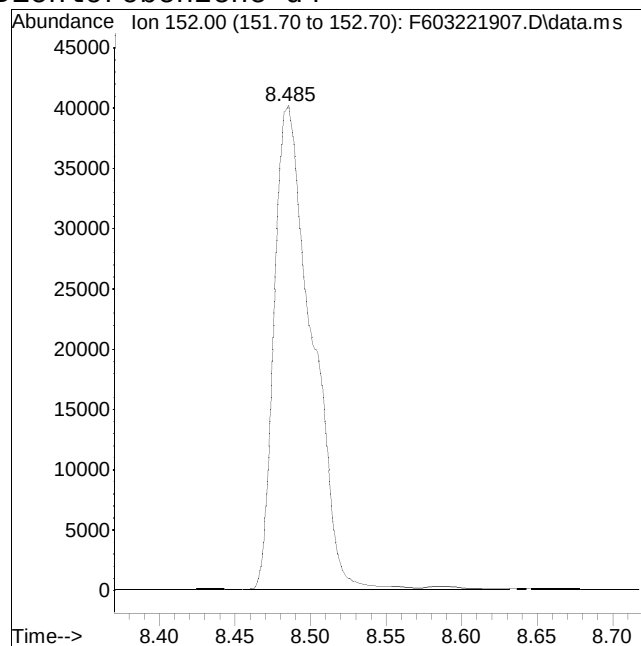
Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
 Data File : F603221907.D Operator : GCMS6:MA
 Date Inj'd : 3/22/2019 6:39 pm Instrument : GCMS6
 Sample : I603221906 Quant Date : 3/23/2019 9:50 am

Compound #3: 1,4-Dichlorobenzene-d4



Original Peak Response = 68900

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.



Manual Peak Response = 69411 M1

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\GCMS6\2019\MAR\MAR22A\
 Data File : F603221908.D
 Acq On : 22 Mar 2019 7:08 pm
 Operator : GCMS6:MA
 Sample : I603221907
 Misc : WG1218841,,MSAX55
 ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 23 09:50:08 2019
 Quant Method : O:\Organics\DATA\GCMS6\2019\MAR\MAR22A\14DIOX0322GCMS6.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Sat Mar 23 09:48:58 2019
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.805	64	21025	500.000	ng/mL	-0.08
3) 1,4-Dichlorobenzene-d4	8.496	152	68989M1	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.805	64	21025	518.544	ng/mL	-0.07
Spiked Amount	500.000	Range	15 - 115	Recovery	=	103.71%
Target Compounds						
2) 1,4-dioxane	4.855	88	679049	10042.492	ng/mL	Qvalue 100

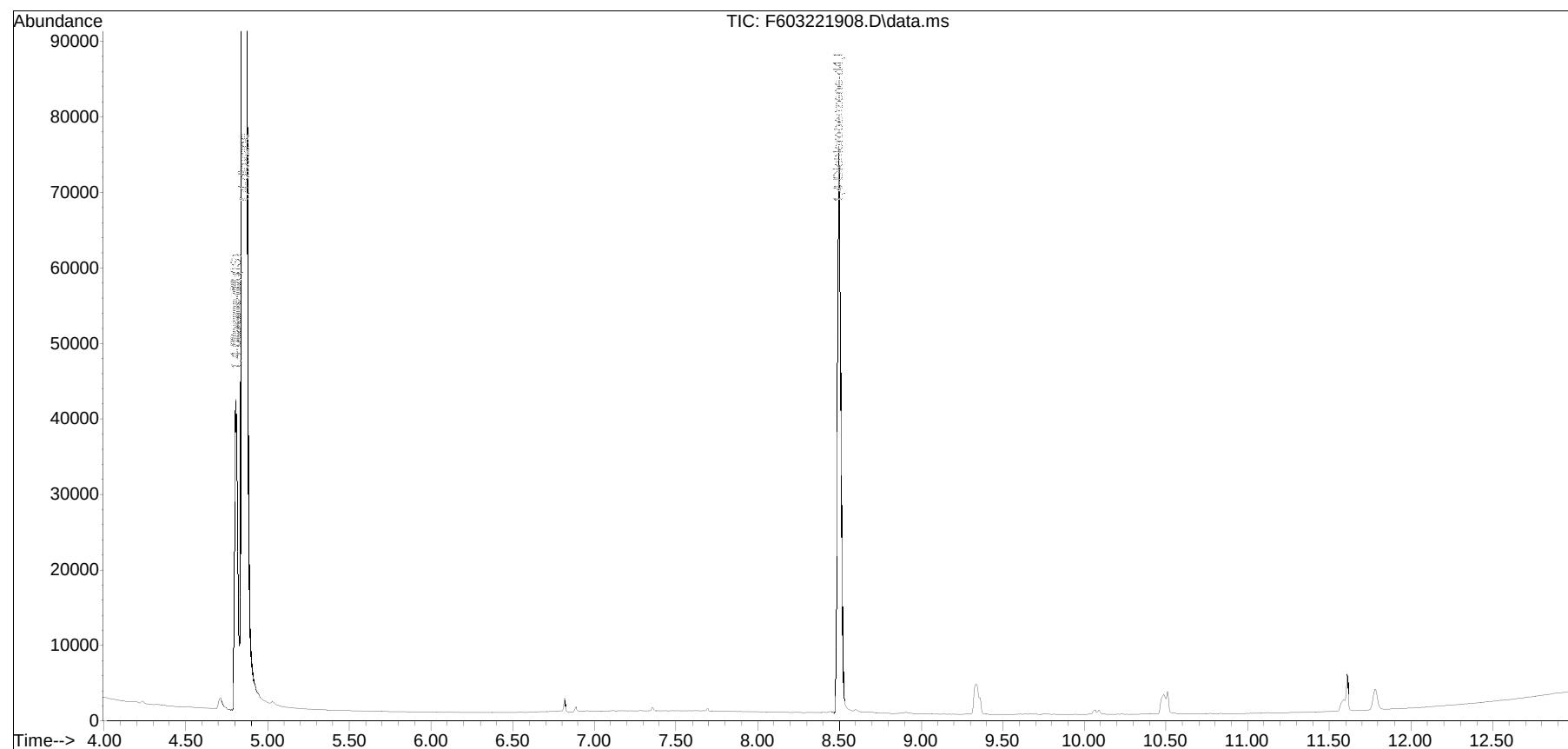
(#) = qualifier out of range (m) = manual integration (+) = signals summed

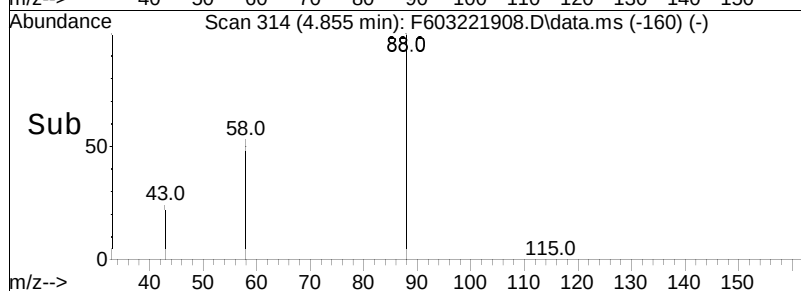
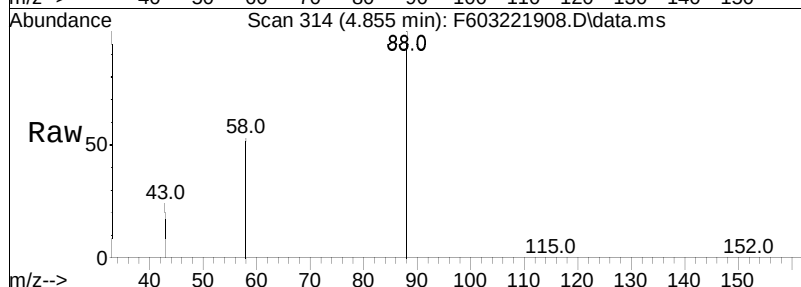
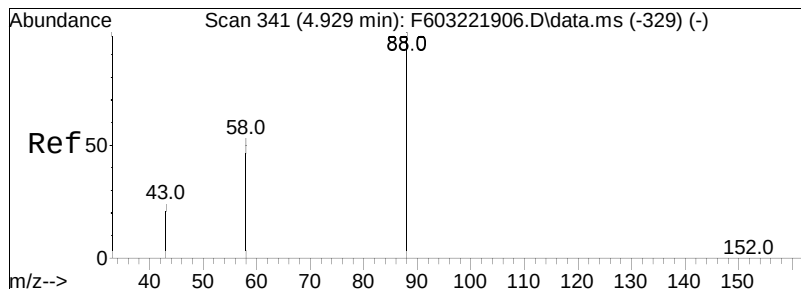
Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\GCMS6\2019\MAR\MAR22A\
Data File : F603221908.D
Acq On : 22 Mar 2019 7:08 pm
Operator : GCMS6:MA
Sample : I603221907
Misc : WG1218841,,MSAX55
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 23 09:50:08 2019
Quant Method : 0:\Organics\DATA\GCMS6\2019\MAR\MAR22A\14DIOX0322GCMS6.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Sat Mar 23 09:48:58 2019
Response via : Initial Calibration

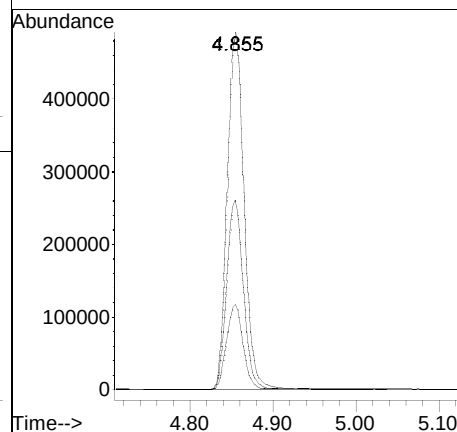
Sub List : Default - All compounds listed





#2
 1,4-dioxane
 Concen: 10042.49 ng/mL
 RT: 4.855 min Scan# 314
 Delta R.T. -0.075 min
 Lab File: F603221908.D
 Acq: 22 Mar 2019 7:08 pm

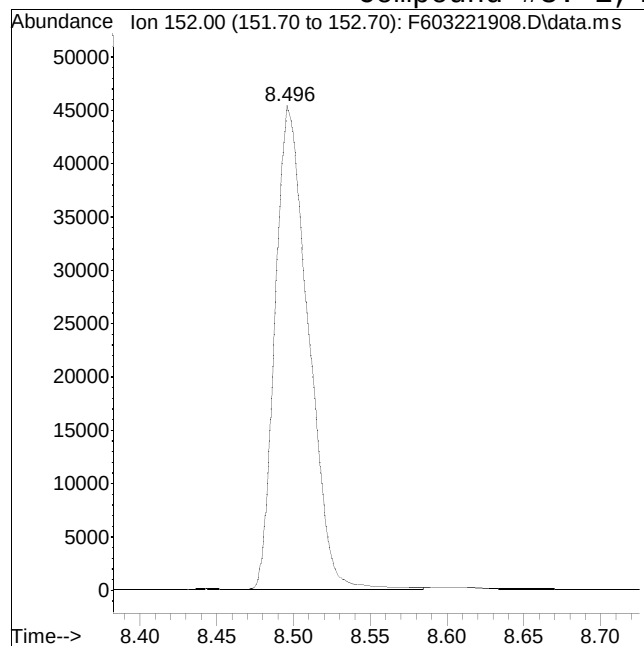
Tgt Ion	88	Resp	679049
Ion Ratio	100	Lower	Upper
58	53.2	42.6	63.8
43	23.7	18.9	28.3



Manual Integration/Negative Proof Report

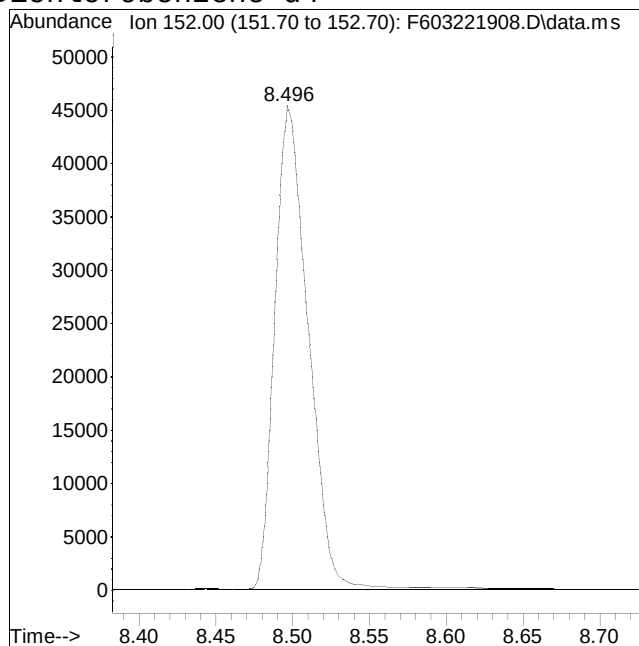
Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
Data File : F603221908.D Operator : GCMS6:MA
Date Inj'd : 3/22/2019 7:08 pm Instrument : GCMS6
Sample : I603221907 Quant Date : 3/23/2019 9:50 am

Compound #3: 1,4-Dichlorobenzene-d4



Original Peak Response = 68328

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.



Manual Peak Response = 68989 M1

Evaluate Continuing Calibration Report

Data Path : 0:\Organics\DATA\GCMS6\2019\MAR\MAR22A\
 Data File : F603221909.D
 Acq On : 22 Mar 2019 7:37 pm
 Operator : GCMS6:MA
 Sample : CQ603221901
 Misc : WG1218841,,MSAZ10
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 23 10:04:02 2019
 Quant Method : 0:\Organics\DATA\GCMS6\2019\MAR\MAR22A\14DIOX0322GCMS6.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Sat Mar 23 09:48:58 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	1,4-Dioxane-d8 (IS)	1.000	1.000	0.0	104	-0.08
2	1,4-dioxane	1.608	1.617	-0.6	100	-0.07
3 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
4 s	1,4-dioxane-d8	0.294	0.311	-5.8	103	-0.07

* Evaluation of CC level amount vs concentration.
 (#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\GCMS6\2019\MAR\MAR22A\
 Data File : F603221909.D
 Acq On : 22 Mar 2019 7:37 pm
 Operator : GCMS6:MA
 Sample : CQ603221901
 Misc : WG1218841,,MSAZ10
 ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 23 10:04:02 2019
 Quant Method : O:\Organics\DATA\GCMS6\2019\MAR\MAR22A\14DIOX0322GCMS6.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Sat Mar 23 09:48:58 2019
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.805	64	21431	500.000	ng/mL	-0.08
3) 1,4-Dichlorobenzene-d4	8.493	152	68862	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.805	64	21431	529.532	ng/mL	-0.07
Spiked Amount	500.000	Range	15 - 115	Recovery	=	105.91%
Target Compounds						
2) 1,4-dioxane	4.858	88	69289	1005.306	ng/mL	Qvalue 99

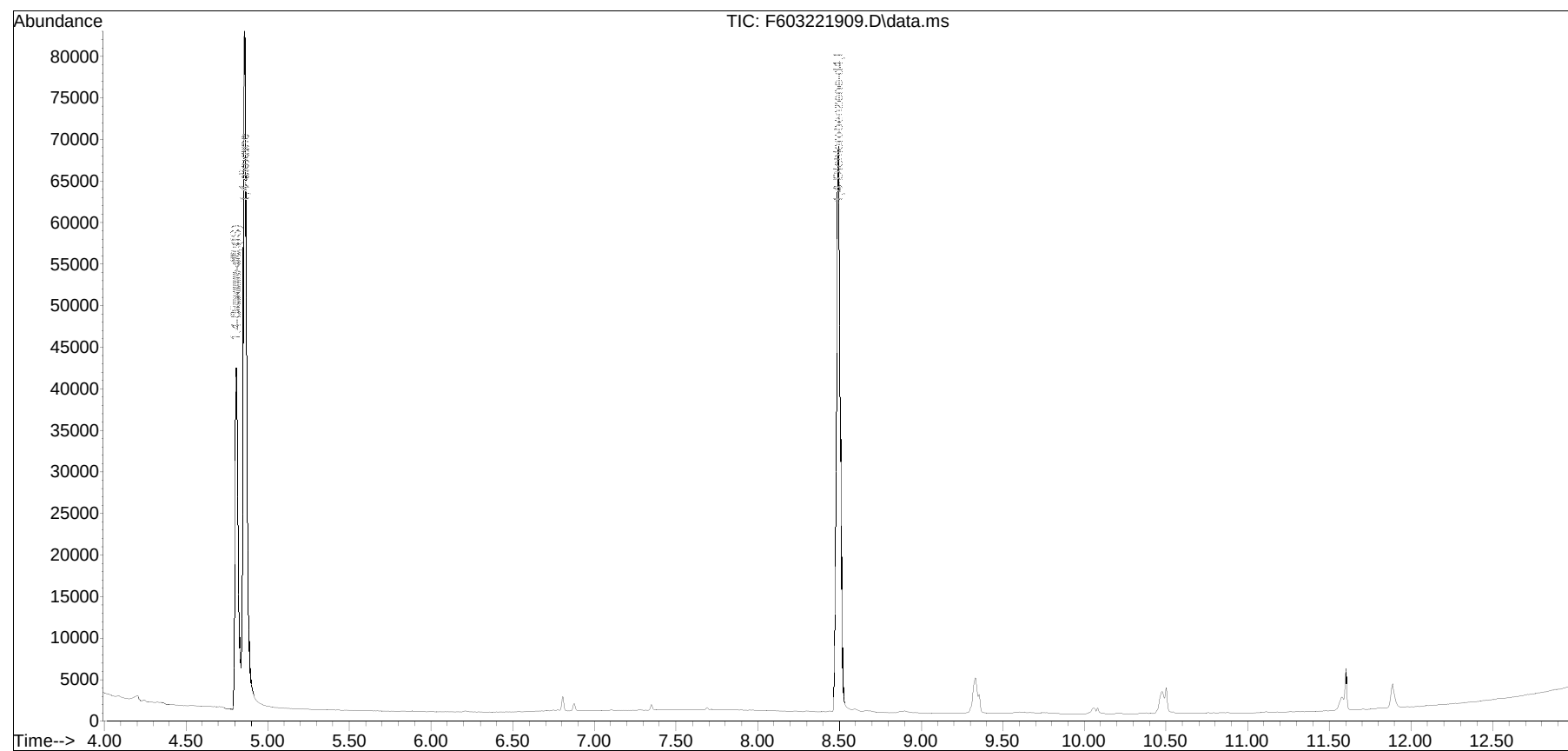
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\GCMS6\2019\MAR\MAR22A\
Data File : F603221909.D
Acq On : 22 Mar 2019 7:37 pm
Operator : GCMS6:MA
Sample : CQ603221901
Misc : WG1218841,,MSAZ10
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 23 10:04:02 2019
Quant Method : 0:\Organics\DATA\GCMS6\2019\MAR\MAR22A\14DIOX0322GCMS6.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Sat Mar 23 09:48:58 2019
Response via : Initial Calibration

Sub List : Default - All compounds listed



Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
Data File : F603221909.D Operator : GCMS6:MA
Date Inj'd : 3/22/2019 7:37 pm Instrument : GCMS6
Sample : CQ603221901 Quant Date : 3/23/2019 10:04 am

There are no manual integrations or false positives in this file.

Continuing Calibration

Calibration Verification Summary

Form 7

Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L1913816
Project Name	: ELDRE CORP.-EMERGING CONTAM	Project Number	: 212721.01
Instrument ID	: GCMS6	Calibration Date	: 04/11/19 01:01
Lab File ID	: F604101925	Init. Calib. Date(s)	: 03/22/19 03/22/19
Sample No	: WG1225111-4	Init. Calib. Times	: 16:08 19:08
Channel	:		

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,4-Dioxane-d8 (IS)	1	1	-	0	20	62	0
1,4-dioxane	1.608	1.844	-	-14.7	20	69	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	72	0
1,4-dioxane-d8	0.294	0.254	-	13.6	20	62	0

* Value outside of QC limits.



Evaluate Continuing Calibration Report

Data Path : O:\Organics\DATA\GCMS6\2019\APR\APR10\
 Data File : F604101925.D
 Acq On : 11 Apr 2019 1:01 am
 Operator : GCMS6:MA
 Sample : WG1225111-4
 Misc : WG1225111,,ICAL15621,MSAY94
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Apr 11 14:41:27 2019
 Quant Method : O:\Organics\DATA\GCMS6\2019\APR\APR10\14DIOX0322GCMS6.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Thu Apr 11 14:41:14 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	1,4-Dioxane-d8 (IS)	1.000	1.000	0.0	62	0.00
2	1,4-dioxane	1.608	1.844	-14.7	69	0.00
3 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	72	0.00
4 s	1,4-dioxane-d8	0.294	0.254	13.6	62	0.00

* Evaluation of CC level amount vs concentration.
 (#) = Out of Range SPCC's out = 0 CCC's out = 0

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\GCMS6\2019\APR\APR10\
 Data File : F604101925.D
 Acq On : 11 Apr 2019 1:01 am
 Operator : GCMS6:MA
 Sample : WG1225111-4
 Misc : WG1225111,,ICAL15621,MSAY94
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Apr 11 14:41:27 2019
 Quant Method : O:\Organics\DATA\GCMS6\2019\APR\APR10\14DIOX0322GCMS6.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Thu Apr 11 14:41:14 2019
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.136	64	12891	500.000	ng/mL	0.00
3) 1,4-Dichlorobenzene-d4	8.297	152	50689	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.136	64	12891	432.715	ng/mL	0.00
Spiked Amount	500.000	Range	15 - 115	Recovery	=	86.54%
Target Compounds						
2) 1,4-dioxane	4.186	88	47548	1146.891	ng/mL	Qvalue 92

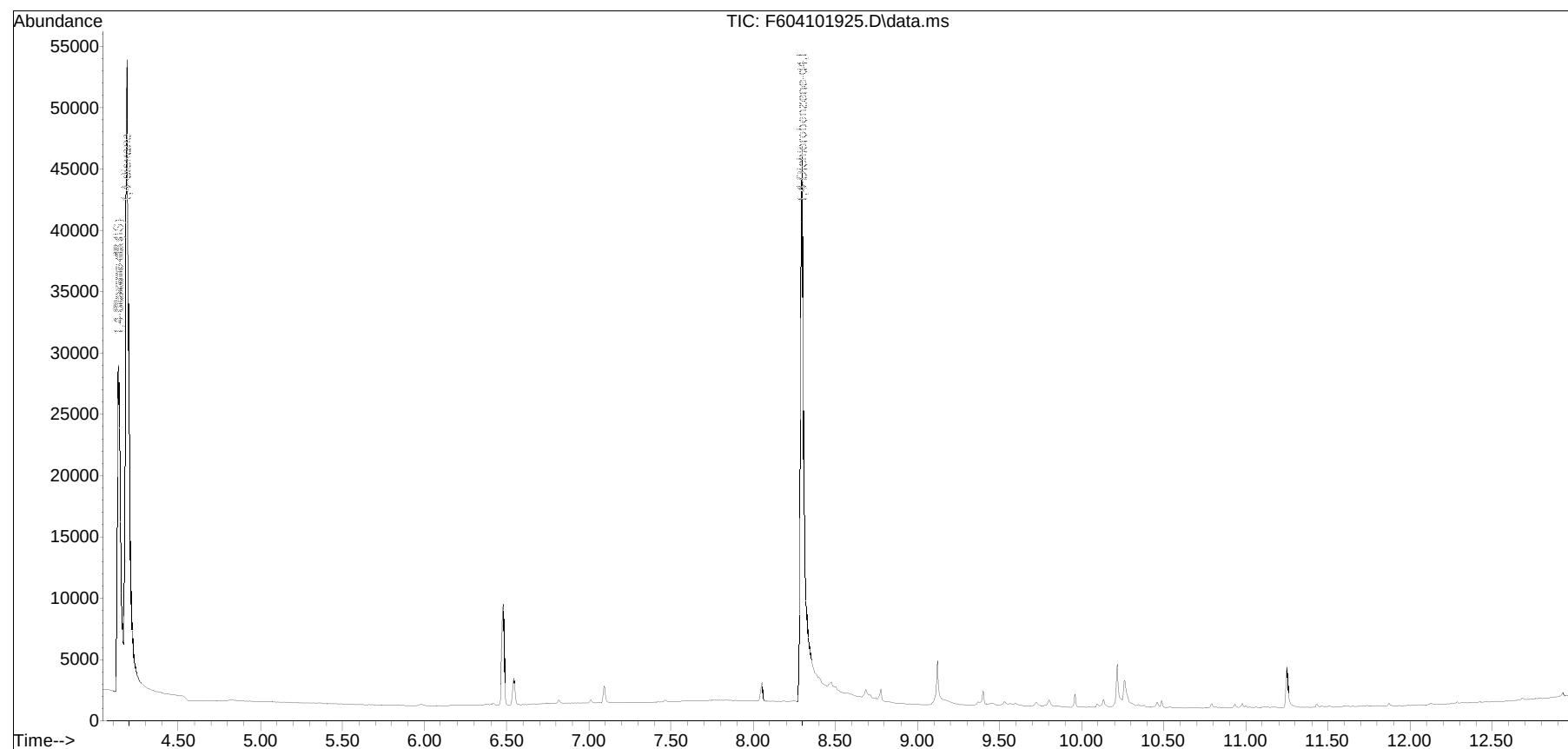
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\GCMS6\2019\APR\APR10\
Data File : F604101925.D
Acq On : 11 Apr 2019 1:01 am
Operator : GCMS6:MA
Sample : WG1225111-4
Misc : WG1225111,,ICAL15621,MSAY94
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Apr 11 14:41:27 2019
Quant Method : 0:\Organics\DATA\GCMS6\2019\APR\APR10\14DIOX0322GCMS6.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Thu Apr 11 14:41:14 2019
Response via : Initial Calibration

Sub List : Default - All compounds listed



Manual Integration/Negative Proof Report

Data Path : 0:\Organics\DATA\GCMS6\2019QMethod : 14DI0X0322GCMS6.M
Data File : F604101925.D Operator : GCMS6:MA
Date Inj'd : 4/11/2019 1:01 am Instrument : GCMS6
Sample : WG1225111-4 Quant Date : 4/11/2019 2:41 pm

There are no manual integrations or false positives in this file.

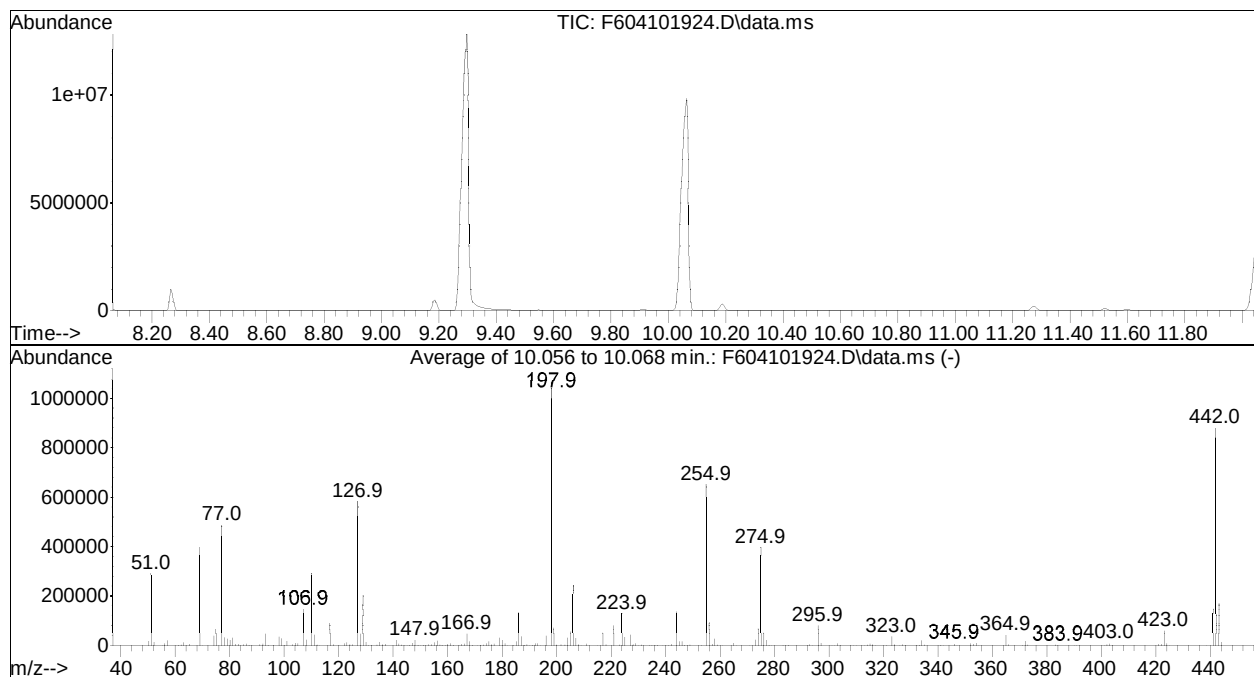
Semivolatiles Raw QC Data

DFTPP

Data Path : O:\Organics\DATA\GCMS6\2019\APR\APR10\
 Data File : F604101924.D
 Acq On : 11 Apr 2019 12:21 am
 Operator : GCMS6:MA
 Sample : WG1225111-3
 Misc : WG1225111,,ICAL15621,MSAZ61
 ALS Vial : 24 Sample Multiplier: 1

Integration File: RTEINT.P

Method : O:\Organics\DATA\GCMS6\2019\APR\APR10\14DIOX0322GCMS6.M
 Title : Semivolatiles by GC/MS
 Last Update : Thu Apr 11 14:41:14 2019



Spectrum Information: Average of 10.056 to 10.068 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	27.2	290617	PASS
68	69	0.00	2	0.0	0	PASS
70	69	0.00	2	0.6	2190	PASS
127	198	10	80	54.4	580665	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	1067093	PASS
199	198	5	9	6.7	71035	PASS
275	198	10	60	37.1	395702	PASS
365	198	1	100	3.8	40405	PASS
441	442	0.01	24	16.8	147475	PASS
442	198	50	100	82.3	878248	PASS
443	442	15	24	19.4	170048	PASS

Analysis log File

Total Files Reported in Log : 9

Log Generated From Directory: O:\Organics\DATA\GCMS6\2019\MAR\MAR22A\

No.	DATA FILE	INJ METH	SAMPLE NAME	MISC	DATE	INJ'D
1	F603221901.D	DFTPPGCMS6.M	T603221901	WG1218841,,MSAZ61	3/22/2019	3:21 pm
2	F603221902.D	14DIOXANEGCM	I603221901	WG1218841,,MSAX56	3/22/2019	4:08 pm
3	F603221903.D	14DIOXANEGCM	I603221902	WG1218841,,MSAX57	3/22/2019	4:39 pm
4	F603221904.D	14DIOXANEGCM	I603221903	WG1218841,,MSAX58	3/22/2019	5:09 pm
5	F603221905.D	14DIOXANEGCM	I603221904	WG1218841,,MSAX59	3/22/2019	5:40 pm
6	F603221906.D	14DIOXANEGCM	I603221905	WG1218841,,MSAY94	3/22/2019	6:09 pm
7	F603221907.D	14DIOXANEGCM	I603221906	WG1218841,,MSAX61	3/22/2019	6:39 pm
8	F603221908.D	14DIOXANEGCM	I603221907	WG1218841,,MSAX55	3/22/2019	7:08 pm
9	F603221909.D	14DIOXANEGCM	CQ603221901	WG1218841,,MSAZ10	3/22/2019	7:37 pm

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\GCMS6\2019\APR\APR10\
 Data File : F604101926.D
 Acq On : 11 Apr 2019 1:26 am
 Operator : GCMS6:MA
 Sample : WG1224686-1
 Misc : WG1225111, WG1224686, ICAL15621
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 11 15:14:48 2019
 Quant Method : O:\Organics\DATA\GCMS6\2019\APR\APR10\14DIOX0322GCMS6.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Thu Apr 11 14:41:14 2019
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.175	64	2906M1	500.000	ng/mL	0.04
3) 1,4-Dichlorobenzene-d4	8.292	152	40924M1	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.175	64	2906M1	120.822	ng/mL	0.04
Spiked Amount	500.000	Range	15 - 115	Recovery	=	24.16%
Target Compounds						
2) 1,4-dioxane	0.000		0		N.D.	Qvalue

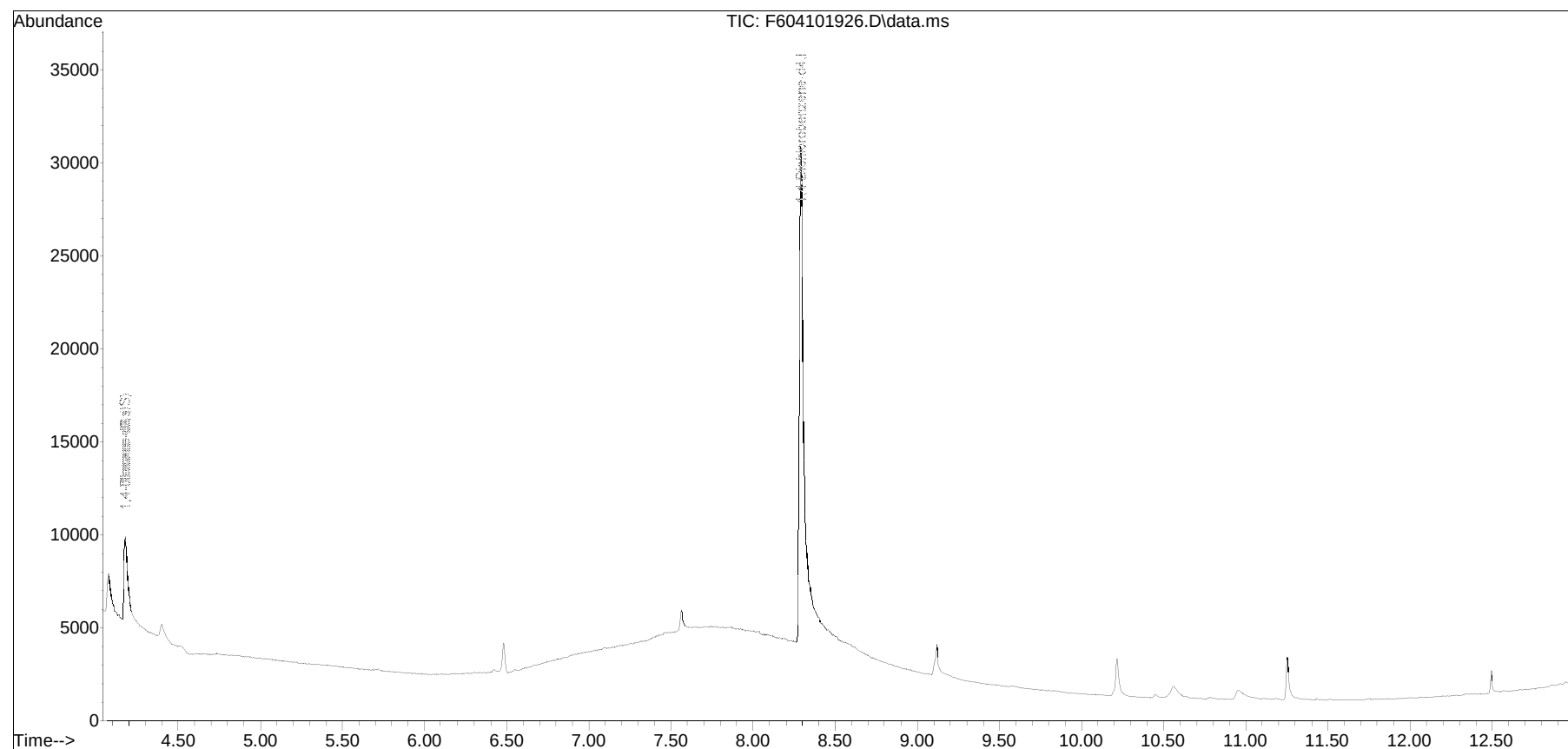
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\GCMS6\2019\APR\APR10\
Data File : F604101926.D
Acq On : 11 Apr 2019 1:26 am
Operator : GCMS6:MA
Sample : WG1224686-1
Misc : WG1225111, WG1224686, ICAL15621
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 11 15:14:48 2019
Quant Method : 0:\Organics\DATA\GCMS6\2019\APR\APR10\14DIOX0322GCMS6.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Thu Apr 11 14:41:14 2019
Response via : Initial Calibration

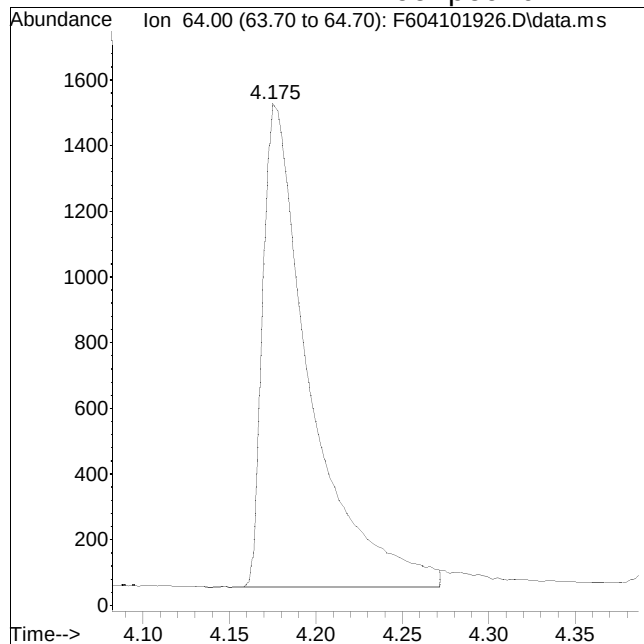
Sub List : Default - All compounds listed



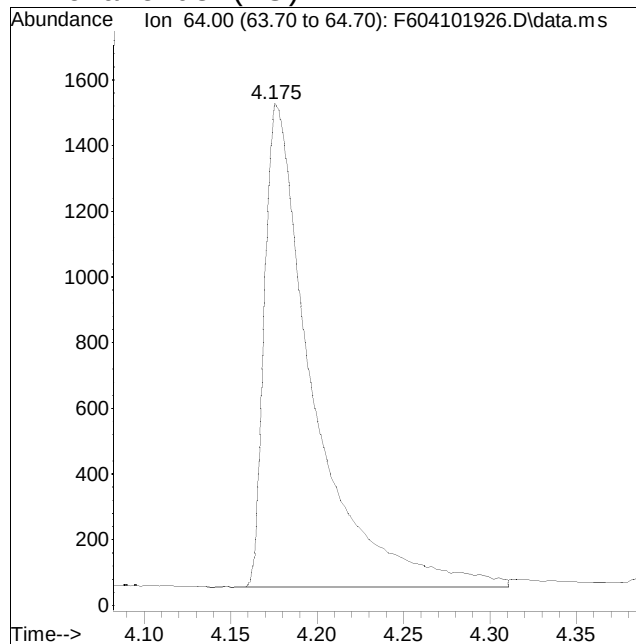
Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
Data File : F604101926.D Operator : GCMS6:MA
Date Inj'd : 4/11/2019 1:26 am Instrument : GCMS6
Sample : WG1224686-1 Quant Date : 4/11/2019 2:45 pm

Compound #1: 1,4-Dioxane-d8 (IS)



Original Peak Response = 2821



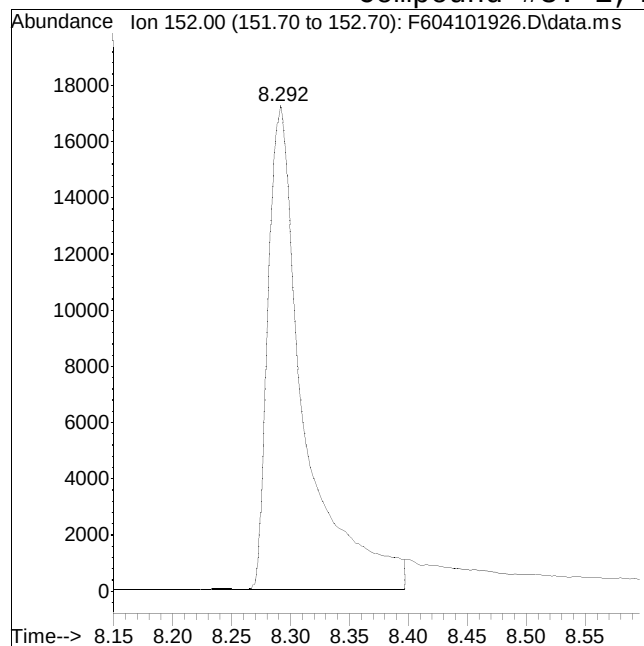
Manual Peak Response = 2906 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

Manual Integration/Negative Proof Report

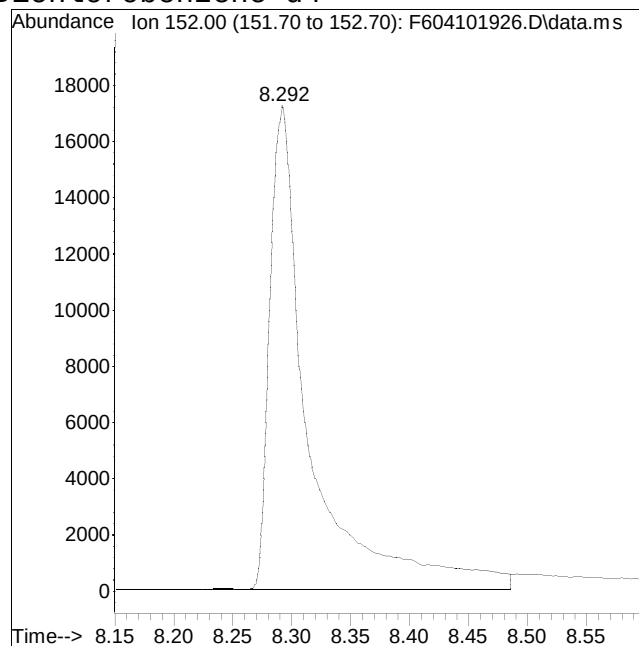
Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
 Data File : F604101926.D Operator : GCMS6:MA
 Date Inj'd : 4/11/2019 1:26 am Instrument : GCMS6
 Sample : WG1224686-1 Quant Date : 4/11/2019 2:45 pm

Compound #3: 1,4-Dichlorobenzene-d4



Original Peak Response = 36897

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

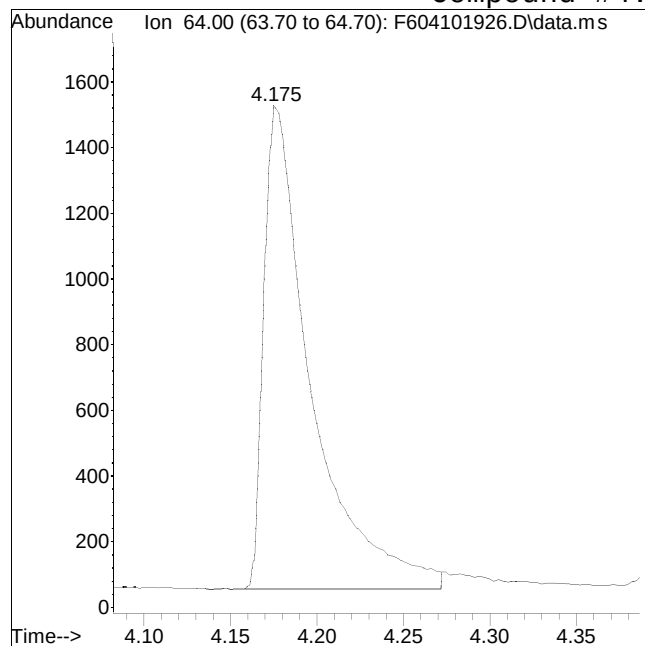


Manual Peak Response = 40924 M1

Manual Integration/Negative Proof Report

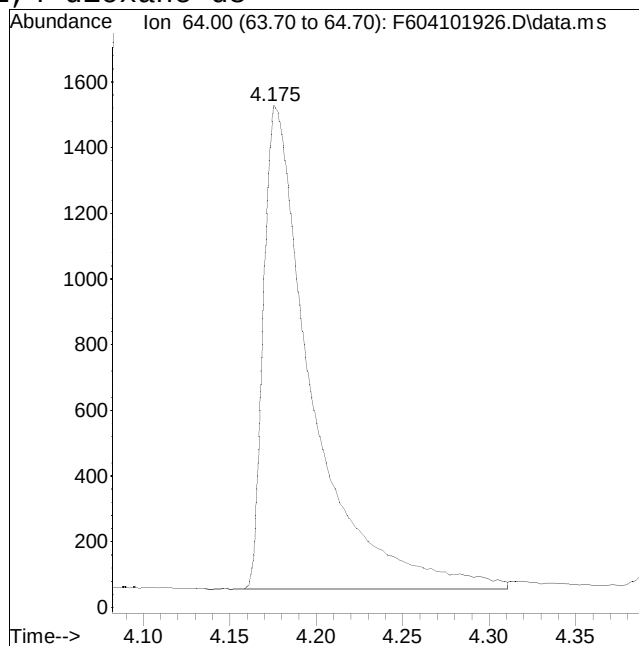
Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
 Data File : F604101926.D Operator : GCMS6:MA
 Date Inj'd : 4/11/2019 1:26 am Instrument : GCMS6
 Sample : WG1224686-1 Quant Date : 4/11/2019 2:45 pm

Compound #4: 1,4-dioxane-d8



Original Peak Response = 2821

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.



Manual Peak Response = 2906 M1

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\GCMS6\2019\APR\APR10\
 Data File : F604101927.D
 Acq On : 11 Apr 2019 1:50 am
 Operator : GCMS6:MA
 Sample : WG1224686-2
 Misc : WG1225111,WG1224686,ICAL15621
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Apr 11 15:16:13 2019
 Quant Method : O:\Organics\DATA\GCMS6\2019\APR\APR10\14DIOX0322GCMS6.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Thu Apr 11 14:41:14 2019
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.203	64	3121M1	500.000	ng/mL	0.07
3) 1,4-Dichlorobenzene-d4	8.283	152	46151	500.000	ng/mL	-0.01
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.203	64	3118M1	114.954	ng/mL	0.07
Spiked Amount	500.000	Range	15 - 115	Recovery	=	22.99%
Target Compounds						
2) 1,4-dioxane	4.258	88	6138M4	611.518	ng/mL	Qvalue

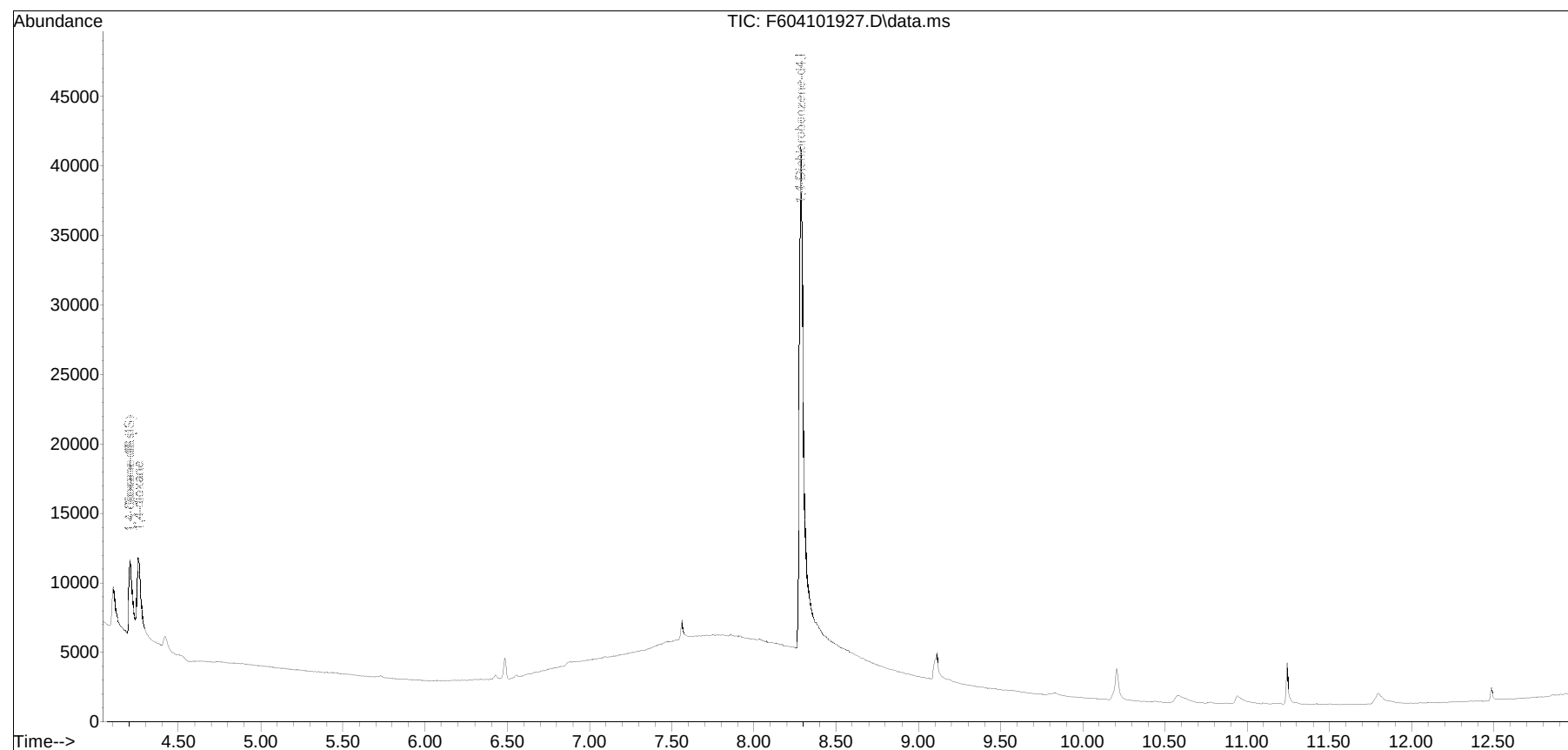
(#) = qualifier out of range (m) = manual integration (+) = signals summed

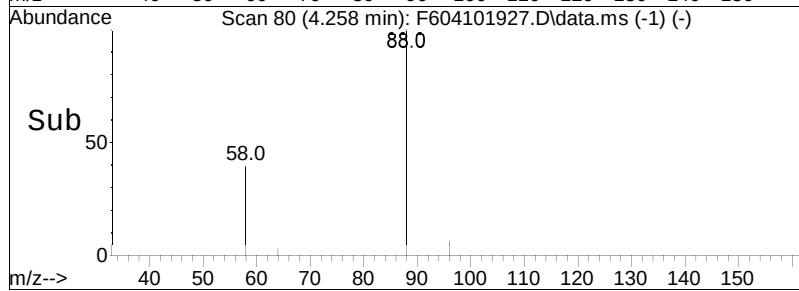
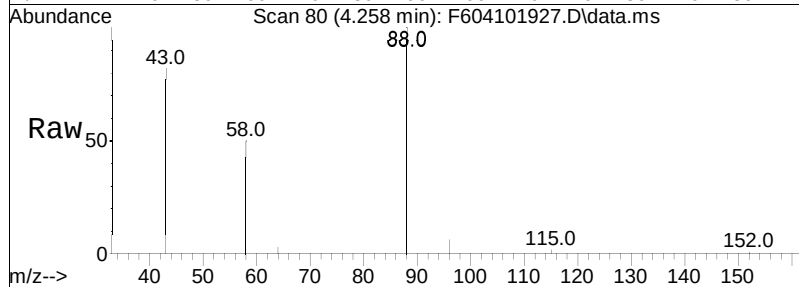
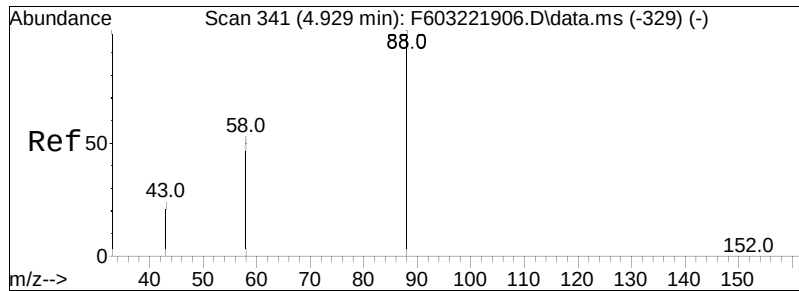
Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\GCMS6\2019\APR\APR10\
Data File : F604101927.D
Acq On : 11 Apr 2019 1:50 am
Operator : GCMS6:MA
Sample : WG1224686-2
Misc : WG1225111, WG1224686, ICAL15621
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Apr 11 15:16:13 2019
Quant Method : 0:\Organics\DATA\GCMS6\2019\APR\APR10\14DIOX0322GCMS6.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Thu Apr 11 14:41:14 2019
Response via : Initial Calibration

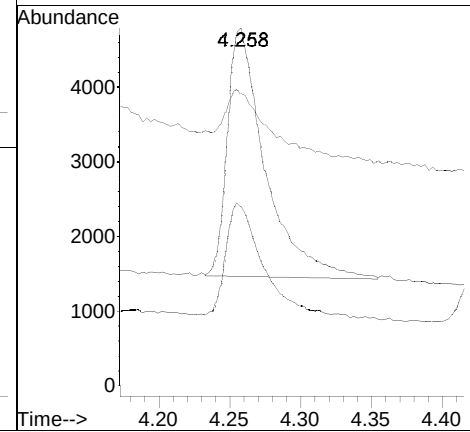
Sub List : Default - All compounds listed





#2
 1,4-dioxane
 Concen: 611.52 ng/mL M4
 RT: 4.258 min Scan# 80
 Delta R.T. 0.072 min
 Lab File: F604101927.D
 Acq: 11 Apr 2019 1:50 am

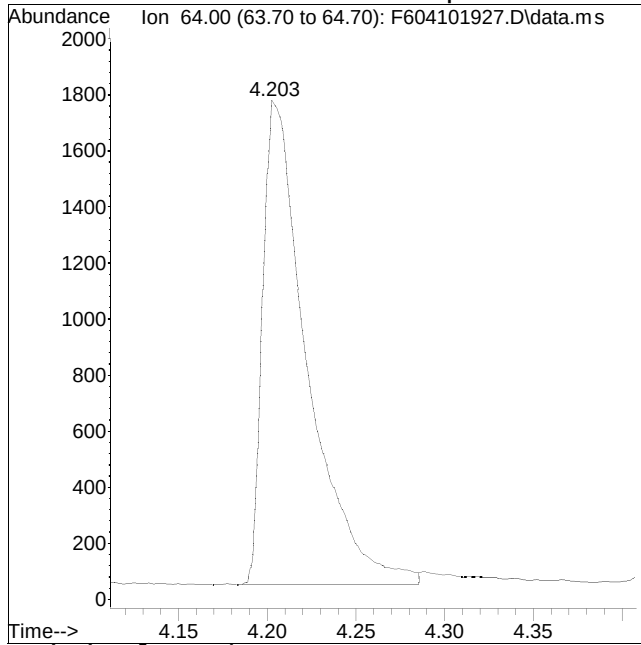
Tgt Ion: 88 Resp: 6138
 Ion Ratio Lower Upper
 88 100
 58 44.7 42.6 63.8
 43 19.8 18.9 28.3



Manual Integration/Negative Proof Report

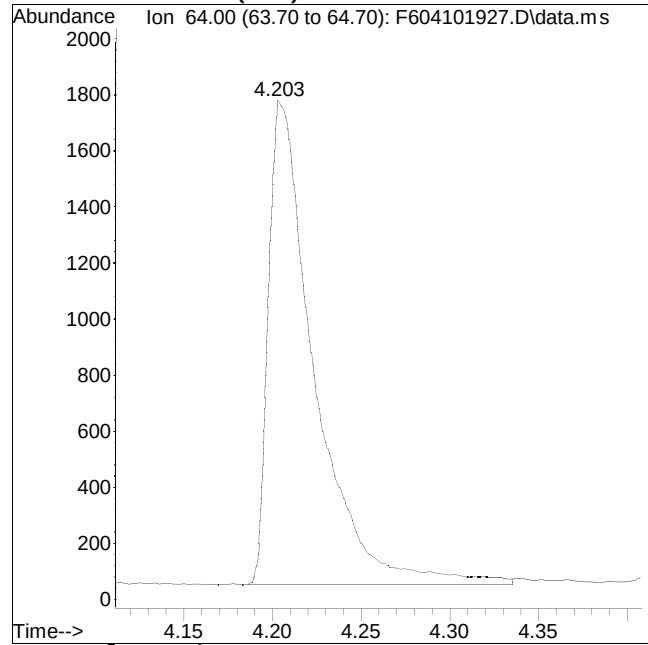
Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
Data File : F604101927.D Operator : GCMS6:MA
Date Inj'd : 4/11/2019 1:50 am Instrument : GCMS6
Sample : WG1224686-2 Quant Date : 4/11/2019 2:45 pm

Compound #1: 1,4-Dioxane-d8 (IS)



Original Peak Response = 3024

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

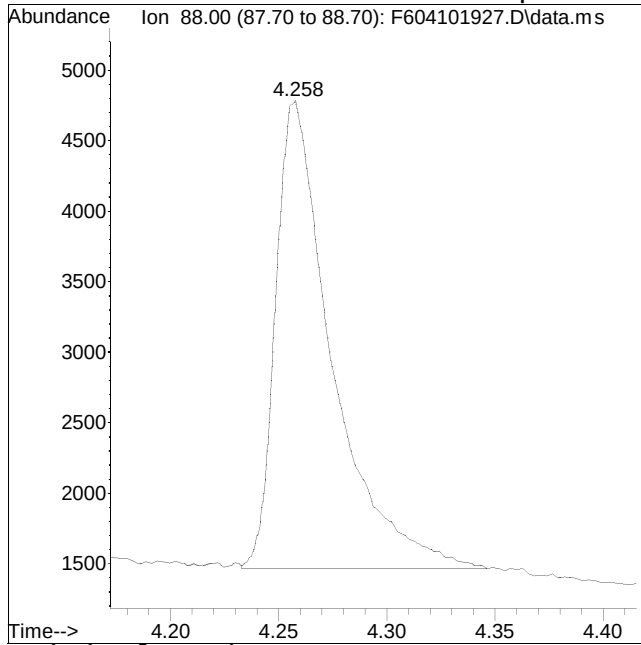


Manual Peak Response = 3121 M1

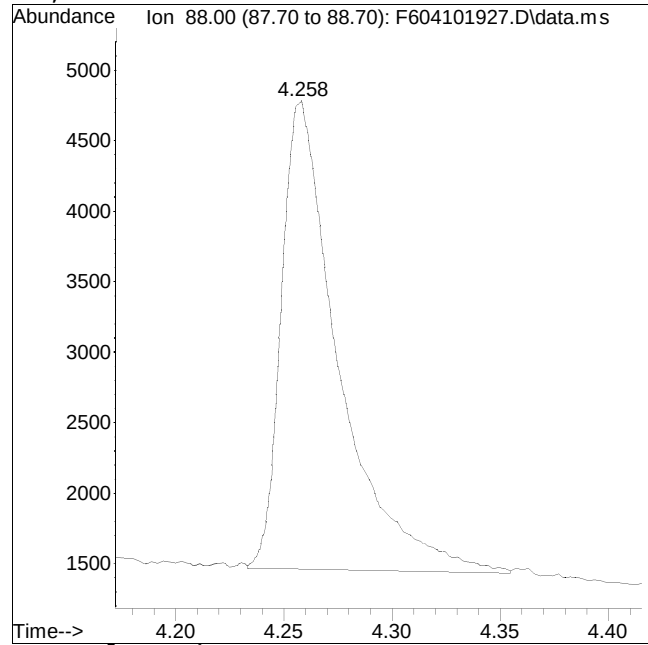
Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
Data File : F604101927.D Operator : GCMS6:MA
Date Inj'd : 4/11/2019 1:50 am Instrument : GCMS6
Sample : WG1224686-2 Quant Date : 4/11/2019 2:45 pm

Compound #2: 1,4-dioxane



Original Peak Response = 6009



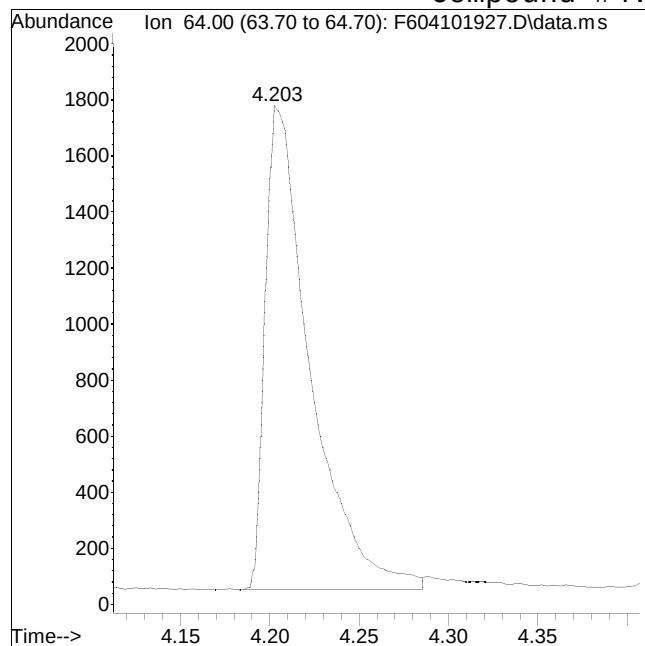
Manual Peak Response = 6138 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

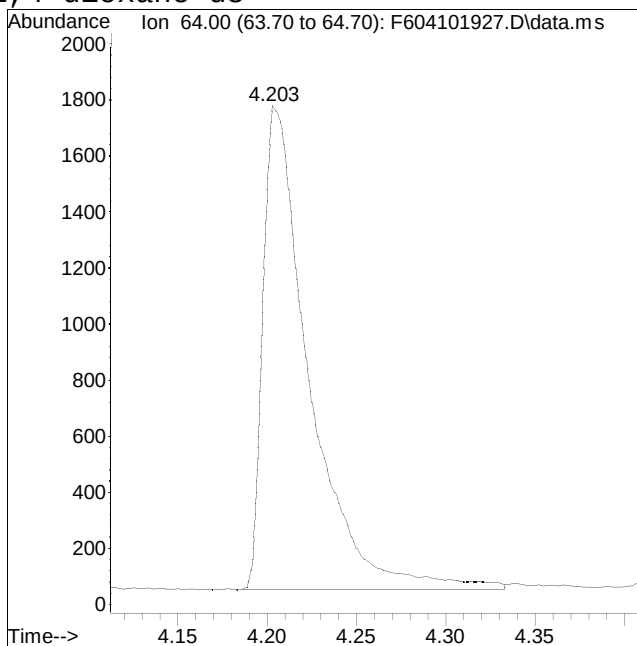
Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
 Data File : F604101927.D Operator : GCMS6:MA
 Date Inj'd : 4/11/2019 1:50 am Instrument : GCMS6
 Sample : WG1224686-2 Quant Date : 4/11/2019 2:45 pm

Compound #4: 1,4-dioxane-d8



Original Peak Response = 3024

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.



Manual Peak Response = 3118 M1

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\GCMS6\2019\APR\APR10\
 Data File : F604101928.D
 Acq On : 11 Apr 2019 2:15 am
 Operator : GCMS6:MA
 Sample : WG1224686-3
 Misc : WG1225111, WG1224686, ICAL15621
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 11 15:17:26 2019
 Quant Method : O:\Organics\DATA\GCMS6\2019\APR\APR10\14DIOX0322GCMS6.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Thu Apr 11 14:41:14 2019
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.219	64	3136	500.000	ng/mL	0.08
3) 1,4-Dichlorobenzene-d4	8.294	152	52218m	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.219	64	3136	102.185	ng/mL	0.08
Spiked Amount	500.000	Range	15 - 115	Recovery	=	20.44%
Target Compounds						
2) 1,4-dioxane	4.271	88	6758M4	670.067	ng/mL	Qvalue

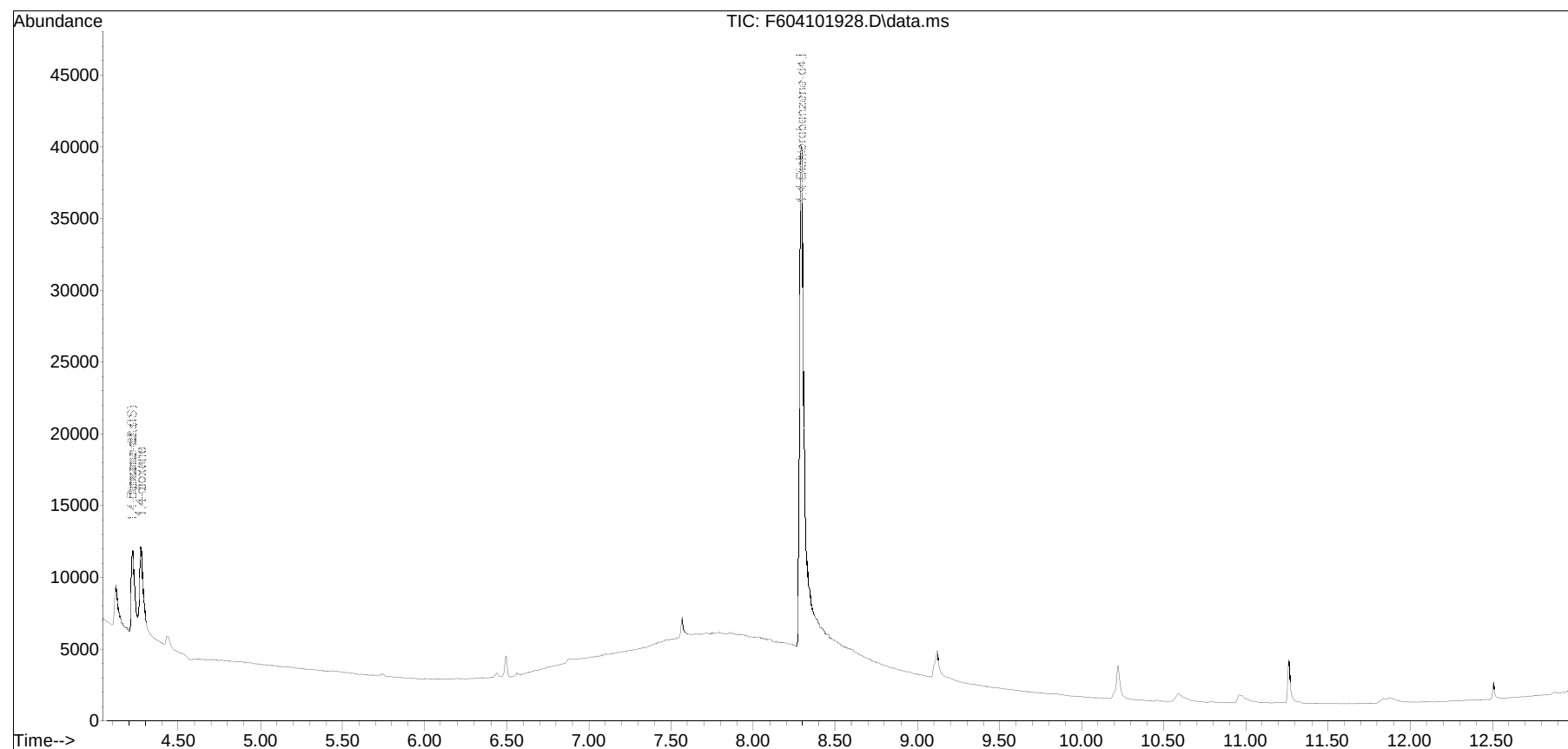
(#) = qualifier out of range (m) = manual integration (+) = signals summed

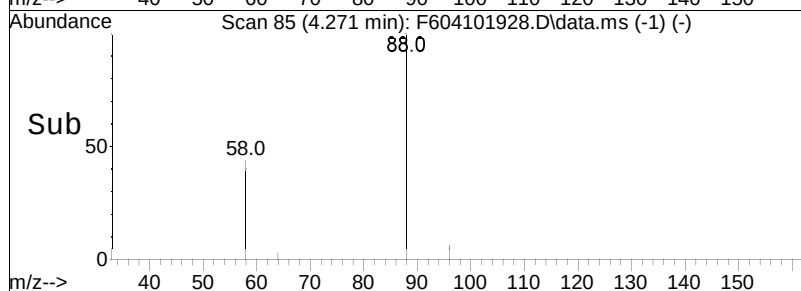
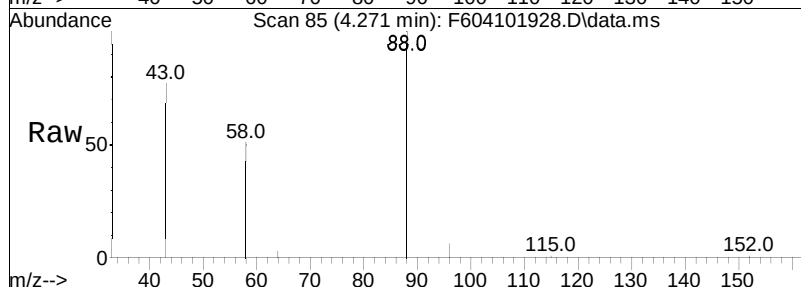
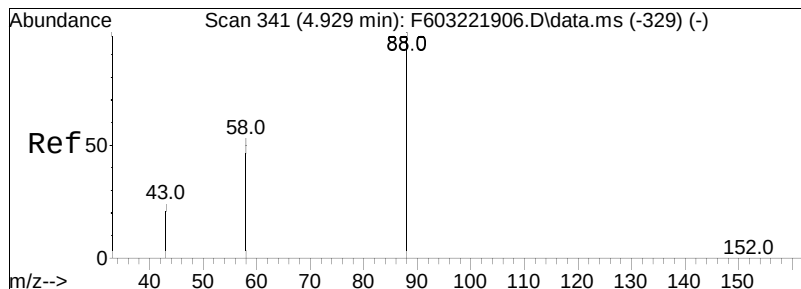
Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\GCMS6\2019\APR\APR10\
Data File : F604101928.D
Acq On : 11 Apr 2019 2:15 am
Operator : GCMS6:MA
Sample : WG1224686-3
Misc : WG1225111, WG1224686, ICAL15621
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 11 15:17:26 2019
Quant Method : 0:\Organics\DATA\GCMS6\2019\APR\APR10\14DIOX0322GCMS6.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Thu Apr 11 14:41:14 2019
Response via : Initial Calibration

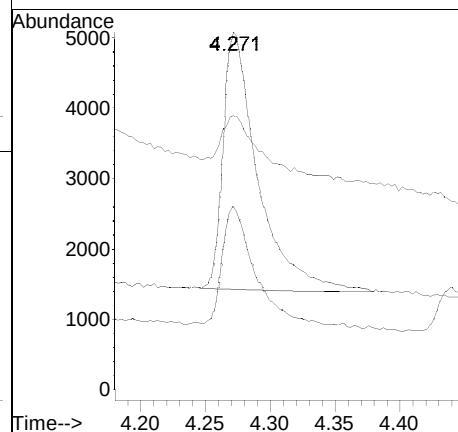
Sub List : Default - All compounds listed





#2
 1,4-dioxane
 Concen: 670.07 ng/mL M4
 RT: 4.271 min Scan# 85
 Delta R.T. 0.086 min
 Lab File: F604101928.D
 Acq: 11 Apr 2019 2:15 am

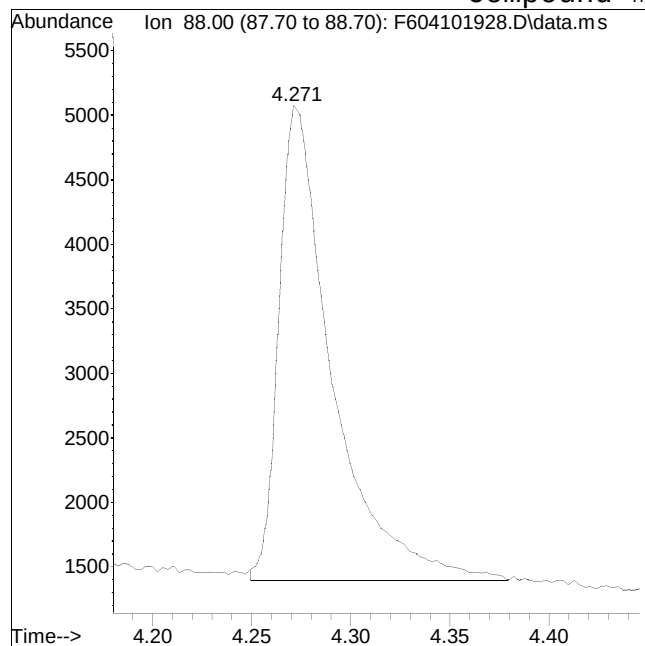
Tgt Ion: 88 Resp: 6758
 Ion Ratio Lower Upper
 88 100
 58 46.6 42.6 63.8
 43 20.1 18.9 28.3



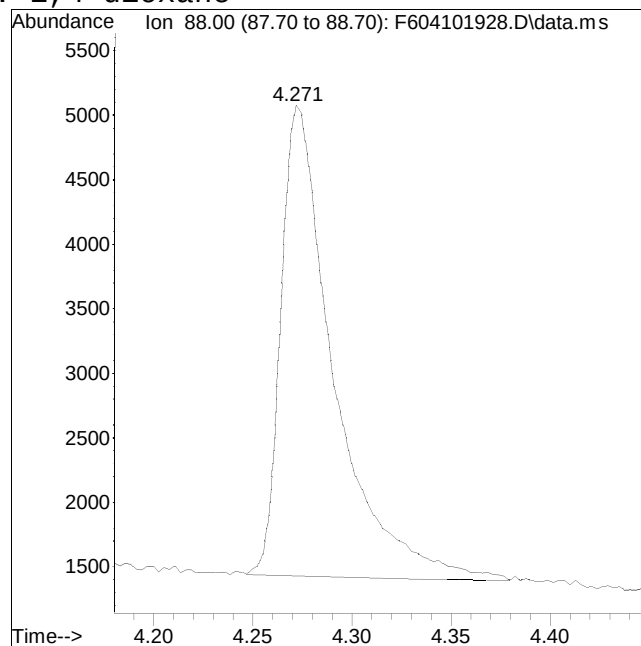
Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
Data File : F604101928.D Operator : GCMS6:MA
Date Inj'd : 4/11/2019 2:15 am Instrument : GCMS6
Sample : WG1224686-3 Quant Date : 4/11/2019 2:45 pm

Compound #2: 1,4-dioxane



Original Peak Response = 6888



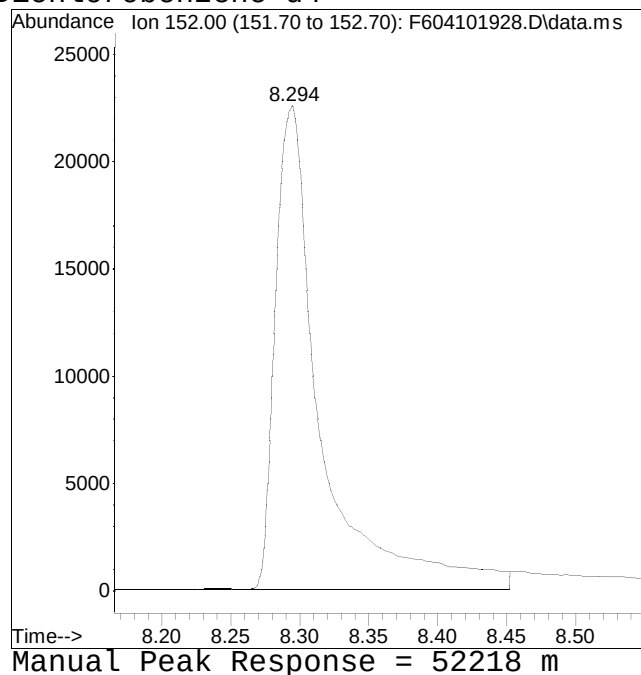
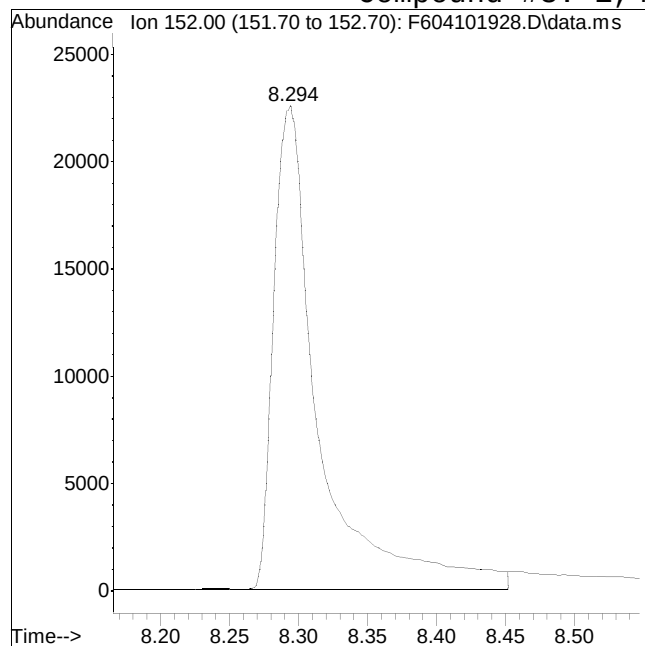
Manual Peak Response = 6758 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
Data File : F604101928.D Operator : GCMS6:MA
Date Inj'd : 4/11/2019 2:15 am Instrument : GCMS6
Sample : WG1224686-3 Quant Date : 4/11/2019 2:45 pm

Compound #3: 1,4-Dichlorobenzene-d4



Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\GCMS6\2019\APR\APR10\
 Data File : F604101931.D
 Acq On : 11 Apr 2019 3:28 am
 Operator : GCMS6:MA
 Sample : WG1224686-4
 Misc : WG1225111, WG1224686, ICAL15621
 ALS Vial : 31 Sample Multiplier: 1

Quant Time: Apr 11 15:24:38 2019
 Quant Method : O:\Organics\DATA\GCMS6\2019\APR\APR10\14DIOX0322GCMS6.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Thu Apr 11 14:41:14 2019
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.205	64	2828M1	500.000	ng/mL	0.07
3) 1,4-Dichlorobenzene-d4	8.292	152	52658M1	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.205	64	2838M1	91.702	ng/mL	0.07
Spiked Amount	500.000	Range	15 - 115	Recovery	=	18.34%
Target Compounds						
2) 1,4-dioxane	4.258	88	5850M4	643.210	ng/mL	Qvalue

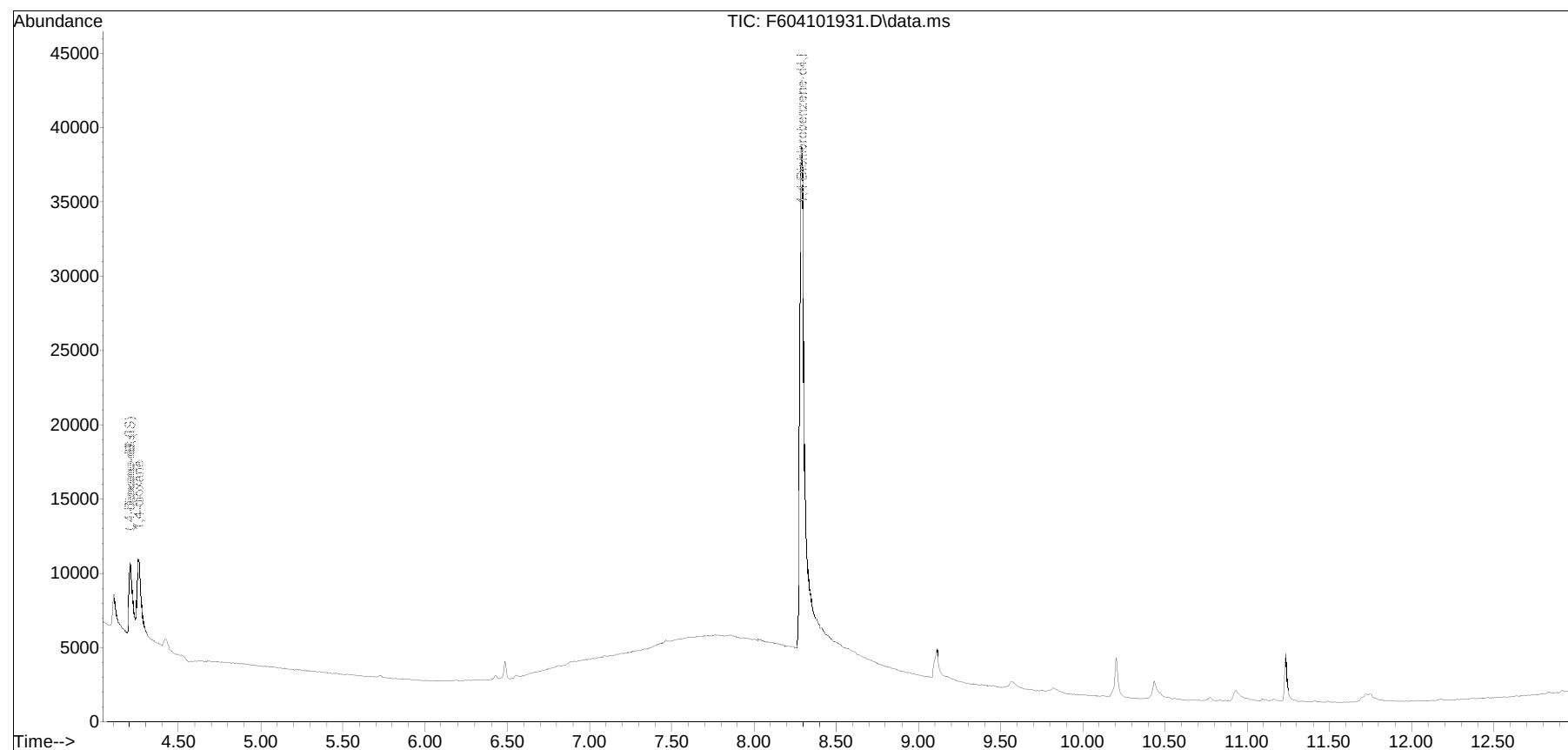
(#) = qualifier out of range (m) = manual integration (+) = signals summed

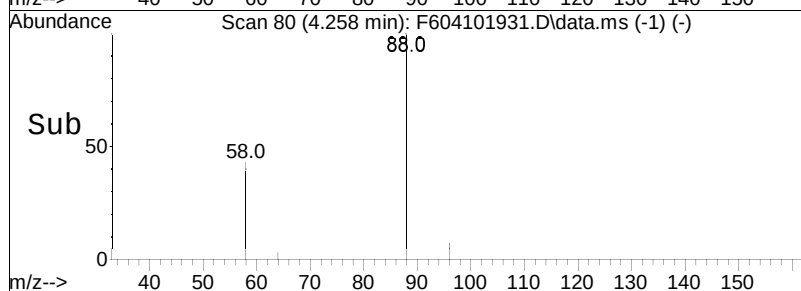
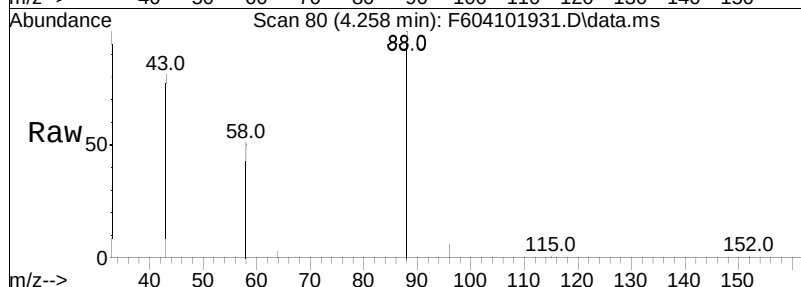
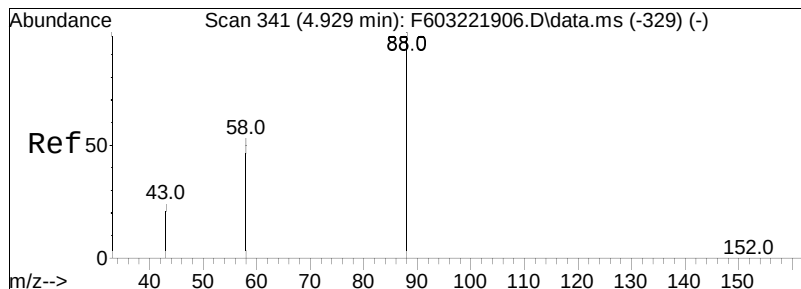
Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\GCMS6\2019\APR\APR10\
Data File : F604101931.D
Acq On : 11 Apr 2019 3:28 am
Operator : GCMS6:MA
Sample : WG1224686-4
Misc : WG1225111, WG1224686, ICAL15621
ALS Vial : 31 Sample Multiplier: 1

Quant Time: Apr 11 15:24:38 2019
Quant Method : 0:\Organics\DATA\GCMS6\2019\APR\APR10\14DIOX0322GCMS6.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Thu Apr 11 14:41:14 2019
Response via : Initial Calibration

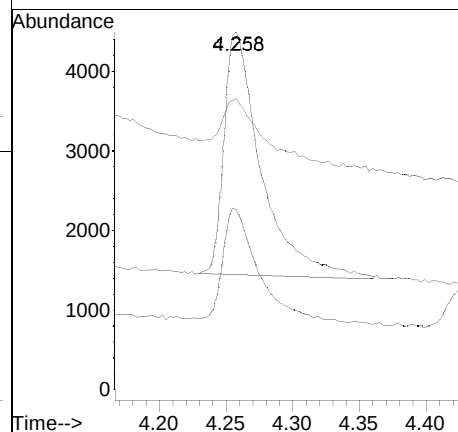
Sub List : Default - All compounds listed





#2
 1,4-dioxane
 Concen: 643.21 ng/mL M4
 RT: 4.258 min Scan# 80
 Delta R.T. 0.072 min
 Lab File: F604101931.D
 Acq: 11 Apr 2019 3:28 am

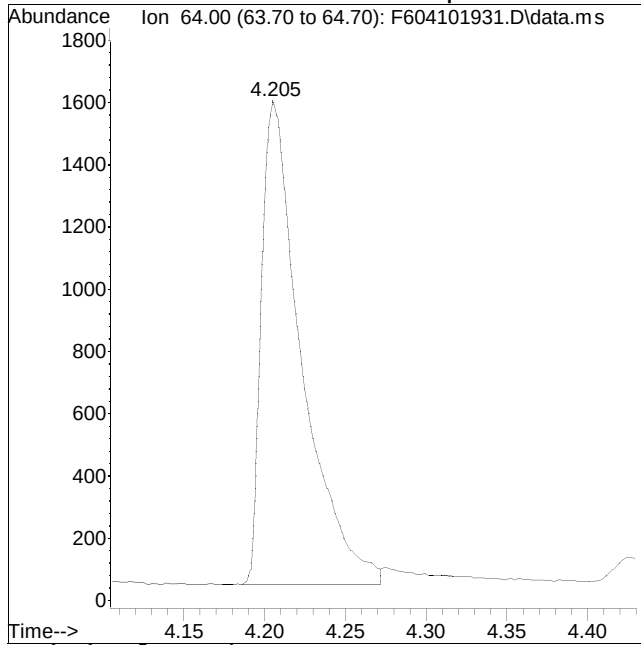
Tgt Ion: 88 Resp: 5850
 Ion Ratio Lower Upper
 88 100
 58 44.4 42.6 63.8
 43 19.1 18.9 28.3



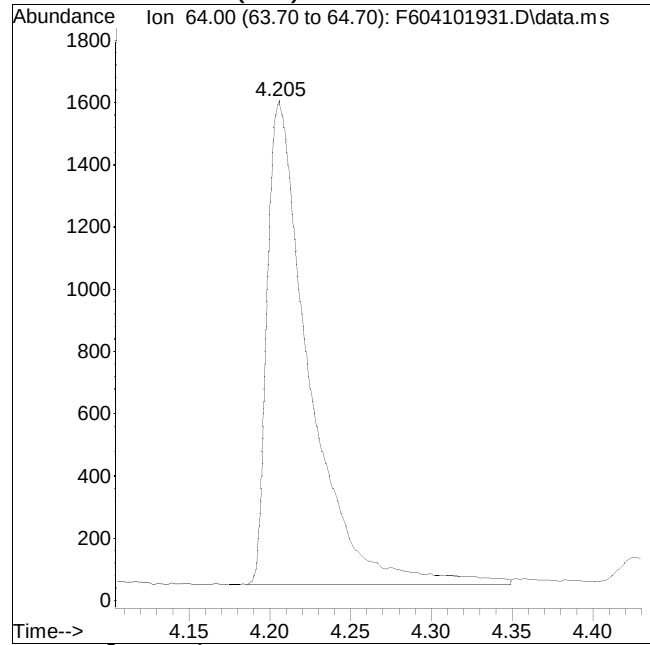
Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
Data File : F604101931.D Operator : GCMS6:MA
Date Inj'd : 4/11/2019 3:28 am Instrument : GCMS6
Sample : WG1224686-4 Quant Date : 4/11/2019 2:45 pm

Compound #1: 1,4-Dioxane-d8 (IS)



Original Peak Response = 2692



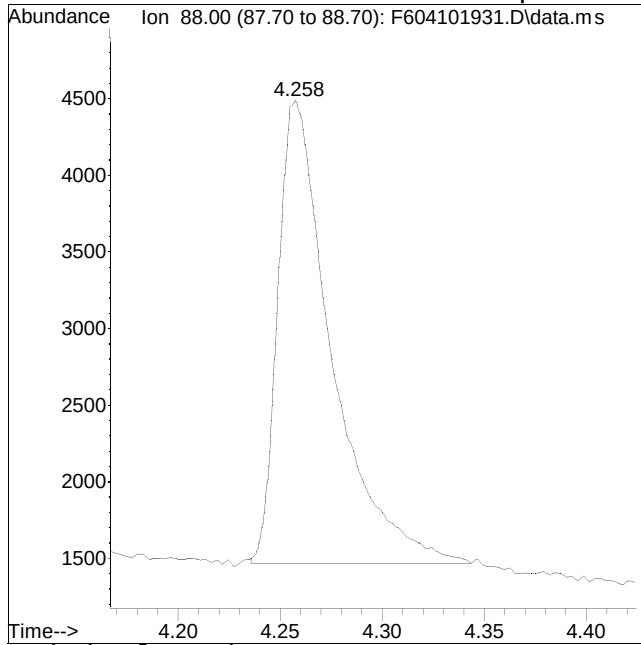
Manual Peak Response = 2828 M1

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

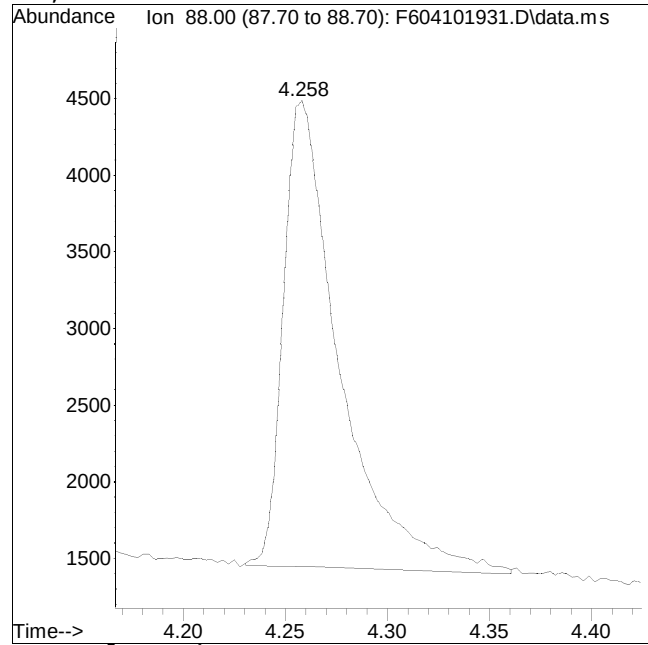
Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
Data File : F604101931.D Operator : GCMS6:MA
Date Inj'd : 4/11/2019 3:28 am Instrument : GCMS6
Sample : WG1224686-4 Quant Date : 4/11/2019 2:45 pm

Compound #2: 1,4-dioxane



Original Peak Response = 5561



Manual Peak Response = 5850 M4

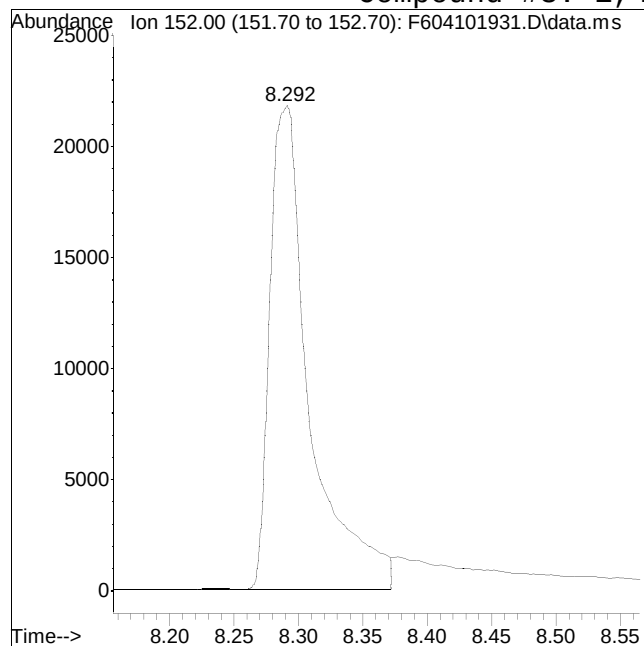
M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

Data Path : O:\Organics\DATA\GCMS6\20190411
Data File : F604101931.D
Date Inj'd : 4/11/2019 3:28 am
Sample : WG1224686-4

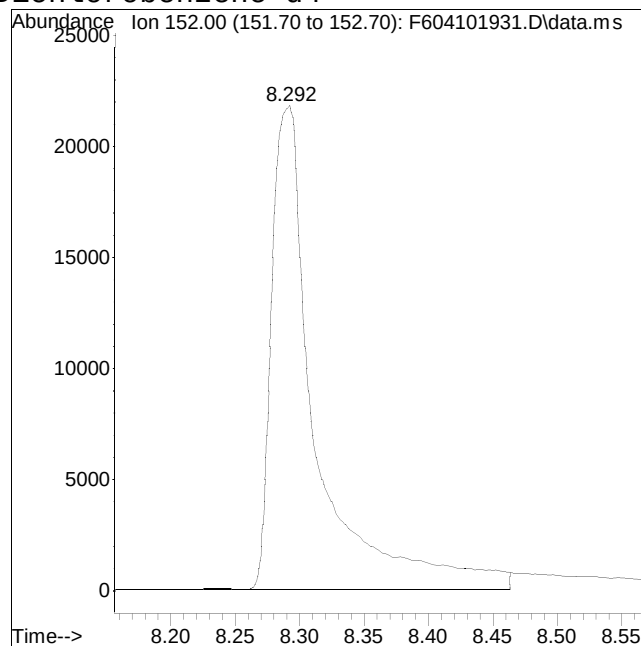
Method : 14DIOX0322GCMS6.M
Operator : GCMS6:MA
Instrument : GCMS6
Quant Date : 4/11/2019 2:45 pm

Compound #3: 1,4-Dichlorobenzene-d4



Original Peak Response = 46799

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.

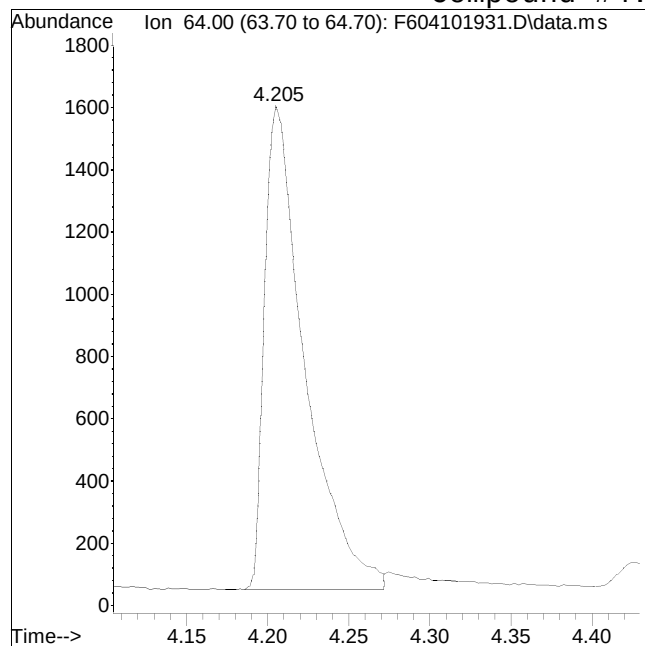


Manual Peak Response = 52658 M1

Manual Integration/Negative Proof Report

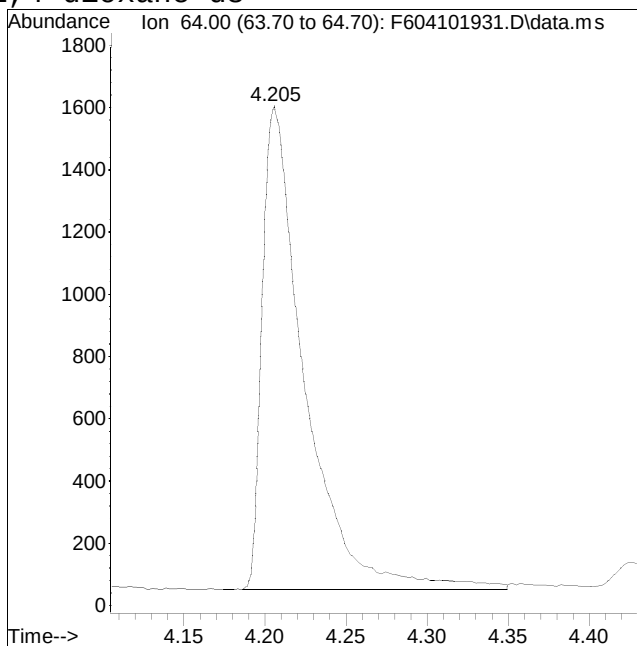
Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
Data File : F604101931.D Operator : GCMS6:MA
Date Inj'd : 4/11/2019 3:28 am Instrument : GCMS6
Sample : WG1224686-4 Quant Date : 4/11/2019 2:45 pm

Compound #4: 1,4-dioxane-d8



Original Peak Response = 2692

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.



Manual Peak Response = 2838 M1

Quantitation Report (QT Reviewed)

Data Path : O:\Organics\DATA\GCMS6\2019\APR\APR10\
 Data File : F604101932.D
 Acq On : 11 Apr 2019 3:53 am
 Operator : GCMS6:MA
 Sample : WG1224686-5
 Misc : WG1225111, WG1224686, ICAL15621
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Apr 11 15:25:50 2019
 Quant Method : O:\Organics\DATA\GCMS6\2019\APR\APR10\14DIOX0322GCMS6.M
 Quant Title : Semivolatiles by GC/MS
 QLast Update : Thu Apr 11 14:41:14 2019
 Response via : Initial Calibration

Sub List : Default - All compounds listed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dioxane-d8 (IS)	4.200	64	2494M1	500.000	ng/mL	0.06
3) 1,4-Dichlorobenzene-d4	8.297	152	45359	500.000	ng/mL	0.00
System Monitoring Compounds						
4) 1,4-dioxane-d8	4.200	64	2494M1	93.554	ng/mL	0.06
Spiked Amount	500.000	Range	15 - 115	Recovery	=	18.71%
Target Compounds						
2) 1,4-dioxane	4.252	88	5111M4	637.215	ng/mL	Qvalue

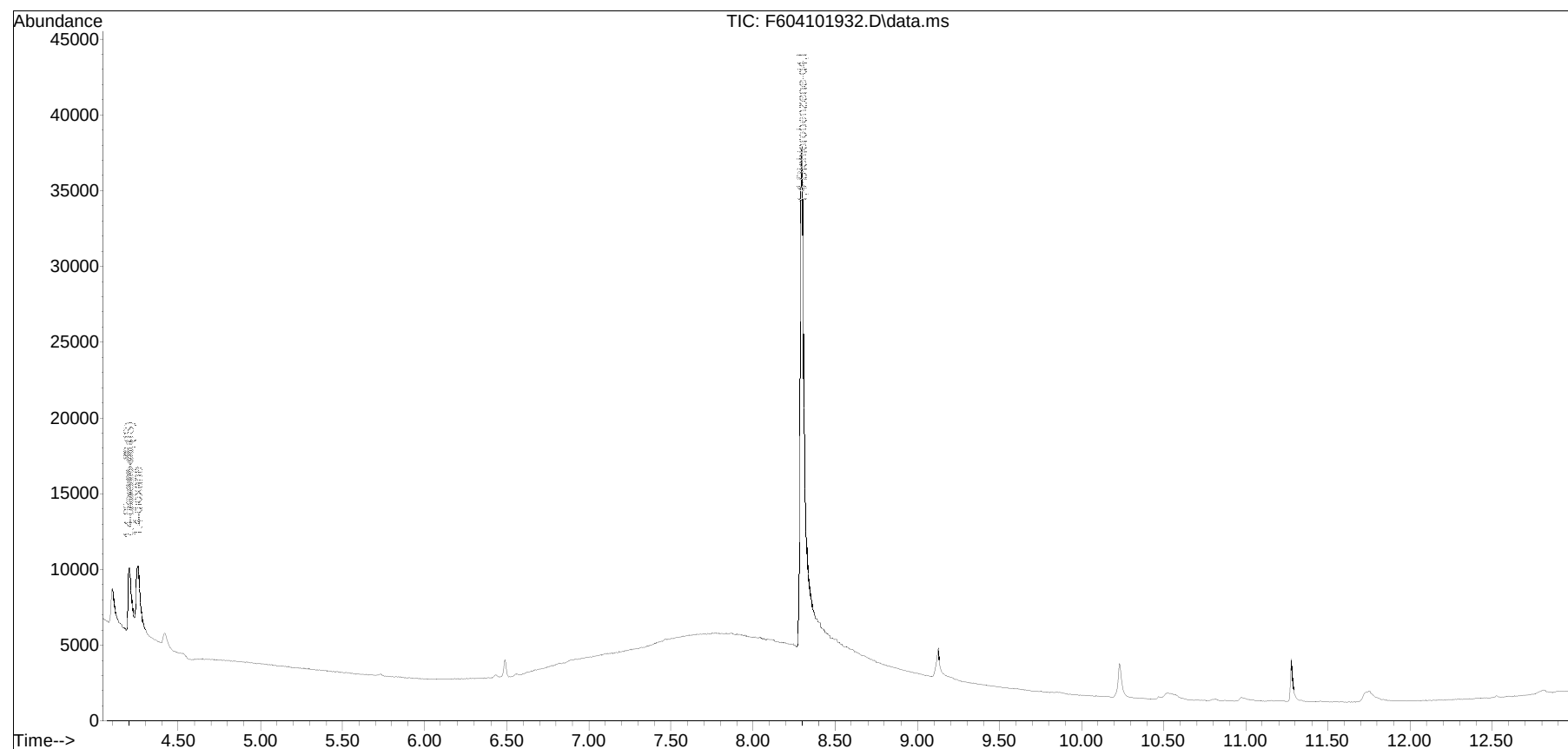
(#) = qualifier out of range (m) = manual integration (+) = signals summed

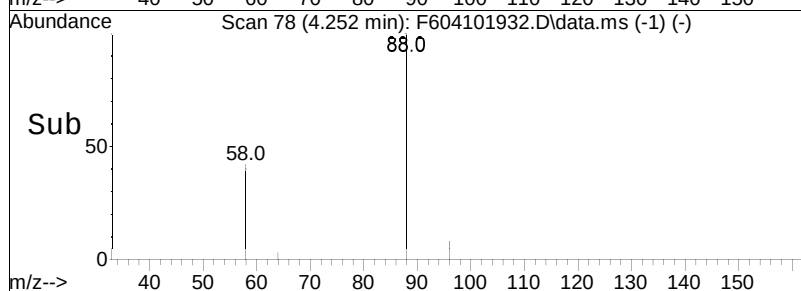
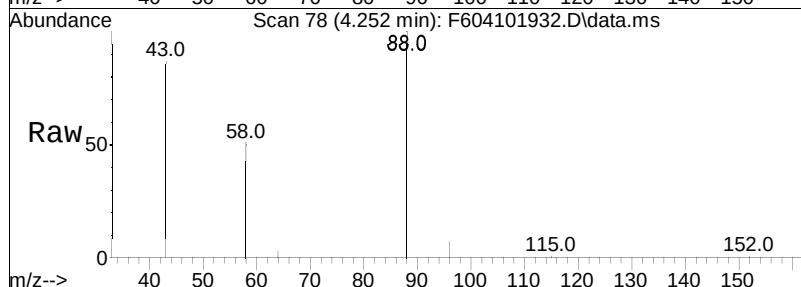
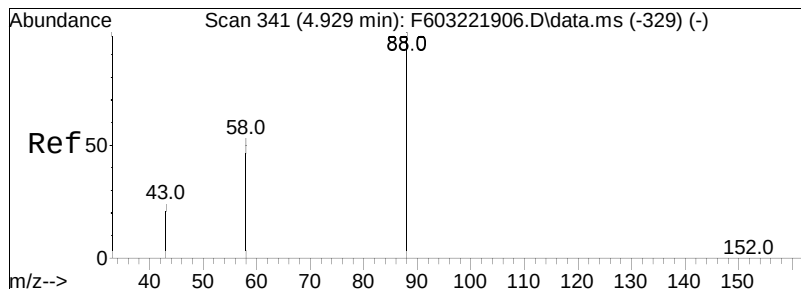
Quantitation Report (QT Reviewed)

Data Path : 0:\Organics\DATA\GCMS6\2019\APR\APR10\
Data File : F604101932.D
Acq On : 11 Apr 2019 3:53 am
Operator : GCMS6:MA
Sample : WG1224686-5
Misc : WG1225111, WG1224686, ICAL15621
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Apr 11 15:25:50 2019
Quant Method : 0:\Organics\DATA\GCMS6\2019\APR\APR10\14DIOX0322GCMS6.M
Quant Title : Semivolatiles by GC/MS
QLast Update : Thu Apr 11 14:41:14 2019
Response via : Initial Calibration

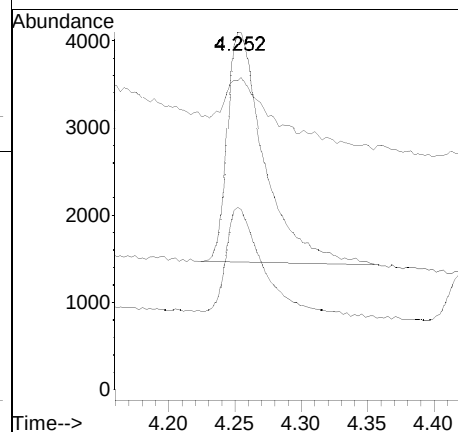
Sub List : Default - All compounds listed





#2
 1,4-dioxane
 Concen: 637.21 ng/mL M4
 RT: 4.252 min Scan# 78
 Delta R.T. 0.066 min
 Lab File: F604101932.D
 Acq: 11 Apr 2019 3:53 am

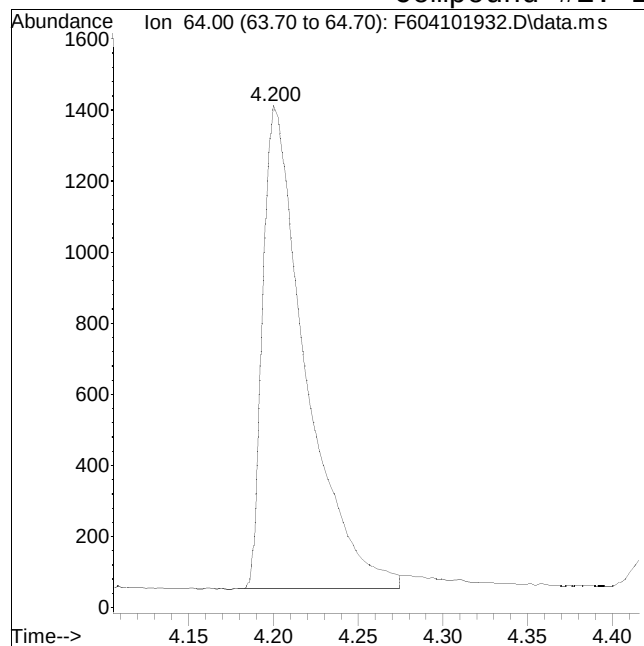
Tgt Ion: 88 Resp: 5111
 Ion Ratio Lower Upper
 88 100
 58 48.9 42.6 63.8
 43 21.6 18.9 28.3



Manual Integration/Negative Proof Report

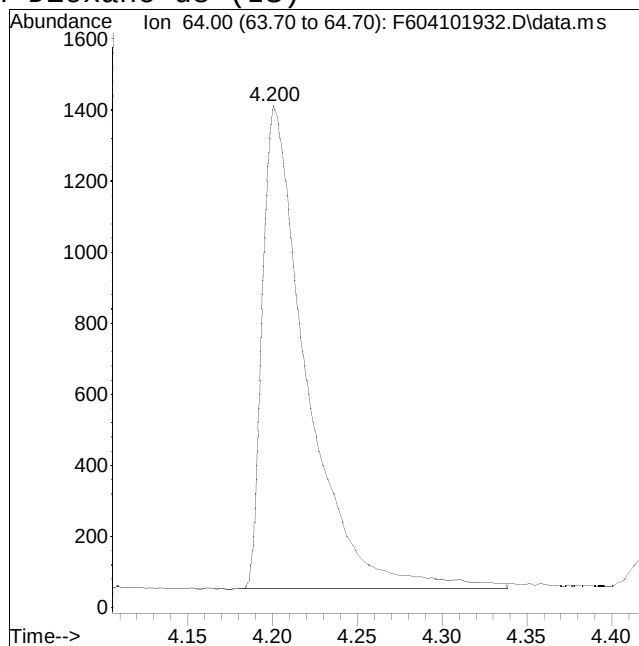
Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
Data File : F604101932.D Operator : GCMS6:MA
Date Inj'd : 4/11/2019 3:53 am Instrument : GCMS6
Sample : WG1224686-5 Quant Date : 4/11/2019 2:45 pm

Compound #1: 1,4-Dioxane-d8 (IS)



Original Peak Response = 2397

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.



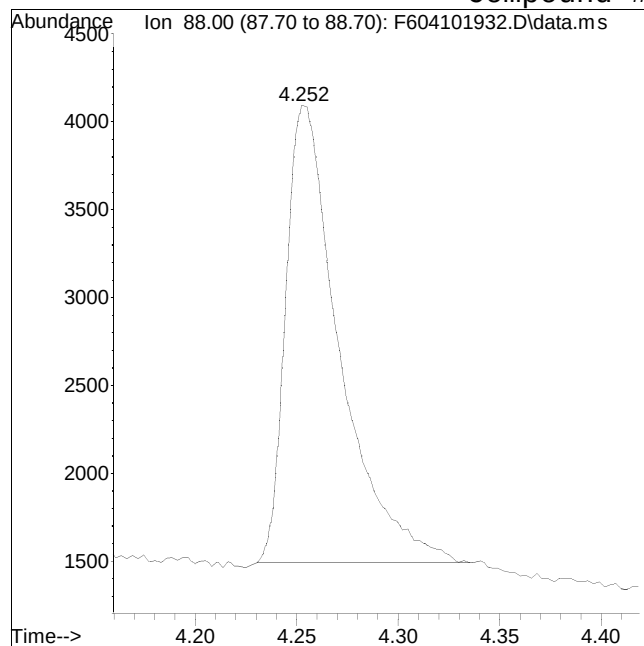
Manual Peak Response = 2494 M1

Manual Integration/Negative Proof Report

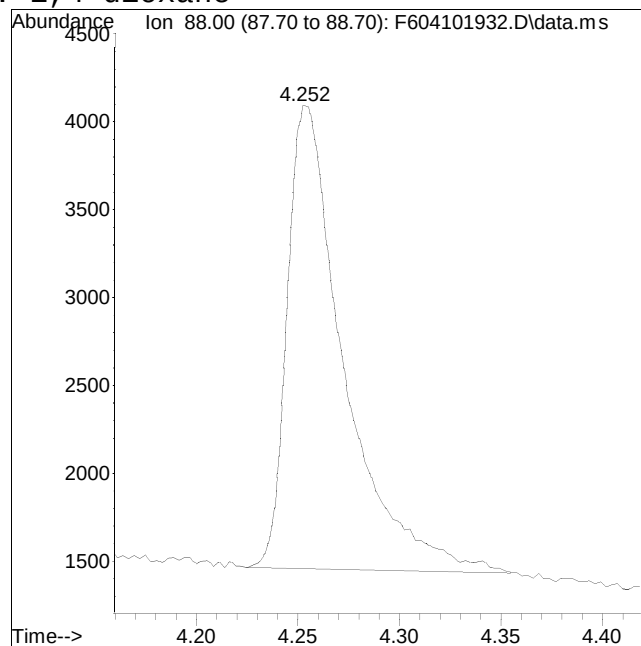
Data Path : O:\Organics\DATA\GCMS6\20190411
Data File : F604101932.D
Date Inj'd : 4/11/2019 3:53 am
Sample : WG1224686-5

Method : 14DIOX0322GCMS6.M
Operator : GCMS6:MA
Instrument : GCMS6
Quant Date : 4/11/2019 2:45 pm

Compound #2: 1,4-dioxane



Original Peak Response = 4834



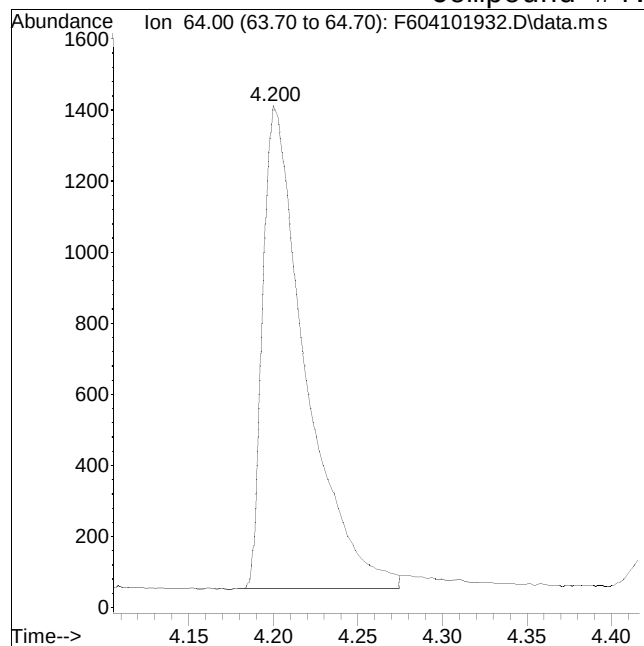
Manual Peak Response = 5111 M4

M4 = Poor automated baseline construction.

Manual Integration/Negative Proof Report

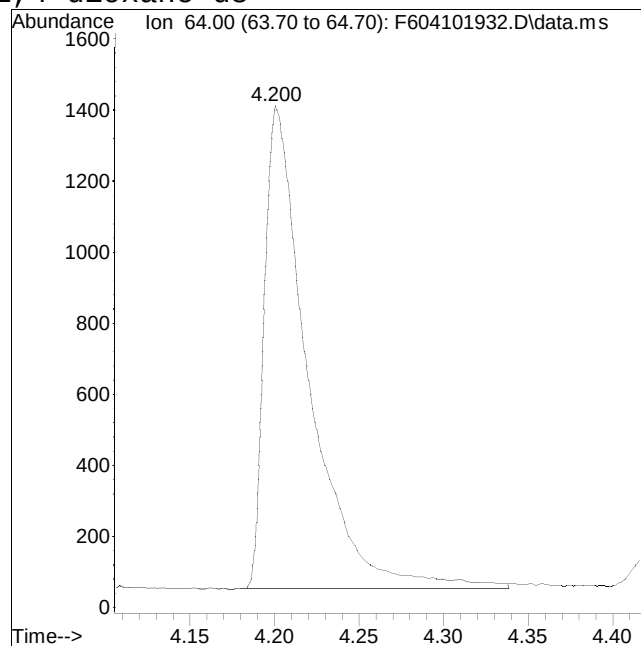
Data Path : O:\Organics\DATA\GCMS6\2019QMethod : 14DIOX0322GCMS6.M
Data File : F604101932.D Operator : GCMS6:MA
Date Inj'd : 4/11/2019 3:53 am Instrument : GCMS6
Sample : WG1224686-5 Quant Date : 4/11/2019 2:45 pm

Compound #4: 1,4-dioxane-d8



Original Peak Response = 2397

M1 = Split or tailing peak, auto integration stopped early resulting in false low area count.



Manual Peak Response = 2494 M1

Calculation of Semi Volatile Organic Compounds

Results of Water Analysis- calculation as performed in report form:

$$\text{Concentration (ug/L)} = \frac{(\text{Conc}) (\text{Vf}) (\text{DF})}{(\text{Vi})} \times 1000$$

where:

Conc =Raw on-column concentration obtained from the quantitation report using Initial Calibration results.

Vf = Final volume of extract (mL)

Vi= Volume of sample extracted (mL)

DF= Dilution factor

Results of Sediment/Soil Analysis- calculation as performed in report form:

$$\text{Concentration (ug/Kg)} = \frac{(\text{Conc}) (\text{Vf}) (\text{DF})}{(\text{W}) (\%S)}$$

where:

Conc =Raw on-column concentration obtained from the quantitation report using Initial Calibration results.

Vf = Final volume of extract (mL)

W= Aliquot of sample (wet), g

DF= Dilution factor

%S= Sample %solid (in decimal form)

ALPHA ANALYTICAL LABORATORIES, INC.

Alpha WORK GROUP REPORT (wk02)

Apr 12 2019, 01:04 pm

Work Group: WG1225111 for Department: 32 GC/MS - Semivolatiles

Created: 10-APR-19 Due: Operator: GCMS6 MA

Sample	Client ID	C Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L1913070-08	DUP-1	C A2-1, 4-DIOXANE-SIM	WATER	DONE	U	0409	0417	S0	Amber-A.5
L1913816-02	MW-15 04-03-2019	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U	0410	0416	S0	Amber-A.5
L1913816-04	MW-16 04-03-2019	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U	0410	0416	S0	Amber-A.5
L1913816-06	MW-19 04-03-2019	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U	0410	0416	S0	Amber-A.5
L1913816-07	BLIND DUPLICATE	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U	0410	0416	S0	Amber-A.5
L1913872-01	MW-29D	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U	0411	0412	S0	Amber-A.5
L1913872-02	MW-21D	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U	0411	0412	S0	Amber-A.5
L1913872-03	FIELD BLANK	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U	0411	0412	S0	Amber-A.5
L1913872-04	MW-20D	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U	0411	0412	S0	Amber-A.5
L1913872-05	MW-18D	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U	0411	0412	S0	Amber-A.5
L1913872-06	MW-27	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U	0411	0412	S0	Amber-A.5
L1913872-07	MW-2	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U	0411	0412	S0	Amber-A.5
L1913872-08	MW-7	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U	0411	0412	S0	Amber-A.5
L1913872-09	MW-5	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U	0411	0412	S0	Amber-A.5
L1913872-10	MW-8	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U	0411	0412	S0	Amber-A.5
L1913926-01	EFFLUENT-04052019	S A2-1, 4-DIOXANE-SIM	WATER	SEC	U	0412	0412	S0	Amber-A.5
L1914026-01	LB-5/MW	S A2-1, 4-DIOXANE-SIM	WATER	SEC	U	0412	0415	S0	Amber-A.5
L1914026-02	LB-10/MW	S A2-1, 4-DIOXANE-SIM	WATER	SEC	U	0412	0415	S0	Amber-A.5
L1914026-03	LB-1/MW	S A2-1, 4-DIOXANE-SIM	WATER	SEC	U	0412	0415	S0	Amber-A.5
L1914026-04	LB-11/MW	S A2-1, 4-DIOXANE-SIM	WATER	SEC	U	0412	0415	S0	Amber-A.5
L1914228-01	P201-040919	S A2-14-DIOXANESIM-PPB	WATER	DONE	U	0416	0416	S0	Amber-A.5
L1914228-02	TTINF-040919	S A2-14-DIOXANESIM-PPB	WATER	DONE	U	0416	0416	S0	Amber-A.5
L1914228-03	5215-040919	S A2-14-DIOXANESIM-PPB	WATER	DONE	U	0416	0416	S0	Amber-A.5
L1914228-04	RIB-040919	S A2-14-DIOXANESIM-PPB	WATER	DONE	U	0416	0416	S0	Amber-A.5
L1914228-05	ETW1-040919	S A2-14-DIOXANESIM-PPB	WATER	DONE	U	0416	0416	S0	Amber-A.5
L1914228-06	ETW2-040919	S A2-14-DIOXANESIM-PPB	WATER	DONE	U	0416	0416	S0	Amber-A.5
L1914228-07	ETW3-040919	S A2-14-DIOXANESIM-PPB	WATER	DONE	U	0416	0416	S0	Amber-A.5
L1914228-08	ETW4-040919	S A2-14-DIOXANESIM-PPB	WATER	DONE	U	0416	0416	S0	Amber-A.5
L1914228-09	ETW5-040919	S A2-14-DIOXANESIM-PPB	WATER	DONE	U	0416	0416	S0	Amber-A.5
L1914228-10	ETW6-040919	S A2-14-DIOXANESIM-PPB	WATER	DONE	U	0416	0416	S0	Amber-A.5
L1914228-11	ETW7-040919	S A2-14-DIOXANESIM-PPB	WATER	DONE	U	0416	0416	S0	Amber-A.5
L1914281-01	OS-6S-04092019	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U	0416	0411	1B	Amber-A.5
L1914281-02	OS-6I-04092019	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U	0416	0411	1B	Amber-A.5
L1914281-03	OS-6D-04092019	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U	0416	0411	1B	Amber-A.5
L1914281-04	FB04092019	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U	0416	0411	1B	Amber-A.5
WG1224585-4	Duplicate Sample	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U				
WG1224585-5	Matrix Spike	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U				
WG1224686-1	Laboratory Method Bl	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U				
WG1224686-2	Laboratory Control S	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U				
WG1224686-3	LCS Duplicate	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U				
WG1224686-4	Matrix Spike	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U				
WG1224686-5	Matrix Spike Duplica	S A2-1, 4-DIOXANE-SIM	WATER	DONE	U				
WG1224894-1	Laboratory Method Bl	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U				
WG1224894-2	Laboratory Control S	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U				
WG1224894-3	LCS Duplicate	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U				
WG1224894-4	Duplicate Sample	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U				
WG1224894-5	Matrix Spike	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U				
WG1224896-1	Laboratory Method Bl	S A2-14-DIOXANESIM-PPB	WATER	DONE	U				
WG1224896-2	Laboratory Control S	S A2-14-DIOXANESIM-PPB	WATER	DONE	U				
WG1224896-3	LCS Duplicate	S A2-14-DIOXANESIM-PPB	WATER	DONE	U				
WG1225111-1	MS DFTPP Tune Standa	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U				
WG1225111-2	Continuing Calibrati	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U				
WG1225111-3	MS DFTPP Tune Standa	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U				
WG1225111-4	Continuing Calibrati	S A2-NJ-14DIOXSIM-PPB	WATER	DONE	U				
Comments:									
WG1224585-4	L1913872-01								
WG1224585-5	L1913872-02								
WG1224686-3	WG1224686-2								
WG1224686-4	L1913816-04								
WG1224686-5	L1913816-04								

ALPHA ANALYTICAL LABORATORIES, INC.

Alpha WORK GROUP REPORT (wk02)

Apr 12 2019, 01:04 pm

Work Group: WG1225111 for Department: 32 GC/MS - Semivolatiles

Analysis log File

Total Files Reported in Log : 52

Log Generated From Directory: O:\Organics\DATA\GCMS6\2019\APR\APR10\

No.	DATA FILE	INJ METH	SAMPLE NAME	MISC	DATE	INJ'D
1	F604101901.D	DFTPPGCMS6.M	WG1225111-1	WG1225111,,ICAL15621,MS..	4/10/2019	2:06 pm
2	F604101902.D	14DIOXANEGCM	WG1225111-2	WG1225111,,ICAL15621,MS..	4/10/2019	2:50 pm
3	F604101903.D	14DIOXANEGCM	WG1224896-1	WG1225111,WG1224896,ICA..	4/10/2019	3:24 pm
4	F604101904.D	14DIOXANEGCM	WG1224896-2	WG1225111,WG1224896,ICA..	4/10/2019	3:51 pm
5	F604101905.D	14DIOXANEGCM	WG1224896-3	WG1225111,WG1224896,ICA..	4/10/2019	4:18 pm
6	F604101906.D	14DIOXANEGCM	L1914281-01	WG1225111,WG1224894,ICA..	4/10/2019	4:45 pm
7	F604101907.D	14DIOXANEGCM	WG1224894-4	WG1225111,WG1224894,ICA..	4/10/2019	5:12 pm
8	F604101908.D	14DIOXANEGCM	L1914281-02	WG1225111,WG1224894,ICA..	4/10/2019	5:38 pm
9	F604101909.D	14DIOXANEGCM	WG1224894-5	WG1225111,WG1224894,ICA..	4/10/2019	6:05 pm
10	F604101910.D	14DIOXANEGCM	L1914281-03	WG1225111,WG1224894,ICA..	4/10/2019	6:31 pm
11	F604101911.D	14DIOXANEGCM	L1914281-04	WG1225111,WG1224894,ICA..	4/10/2019	6:57 pm
12	F604101912.D	14DIOXANEGCM	L1914228-01	WG1225111,WG1224896,ICA..	4/10/2019	7:22 pm
13	F604101913.D	14DIOXANEGCM	L1914228-02	WG1225111,WG1224896,ICA..	4/10/2019	7:48 pm
14	F604101914.D	14DIOXANEGCM	L1914228-03	WG1225111,WG1224896,ICA..	4/10/2019	8:14 pm
15	F604101915.D	14DIOXANEGCM	L1914228-04	WG1225111,WG1224896,ICA..	4/10/2019	8:39 pm
16	F604101916.D	14DIOXANEGCM	L1914228-05	WG1225111,WG1224896,ICA..	4/10/2019	9:04 pm
17	F604101917.D	14DIOXANEGCM	L1914228-06	WG1225111,WG1224896,ICA..	4/10/2019	9:30 pm
18	F604101918.D	14DIOXANEGCM	L1914228-07	WG1225111,WG1224896,ICA..	4/10/2019	9:55 pm
19	F604101919.D	14DIOXANEGCM	L1914228-08	WG1225111,WG1224896,ICA..	4/10/2019	10:20 pm
20	F604101920.D	14DIOXANEGCM	L1914228-09	WG1225111,WG1224896,ICA..	4/10/2019	10:45 pm
21	F604101921.D	14DIOXANEGCM	L1914228-10	WG1225111,WG1224896,ICA..	4/10/2019	11:10 pm
22	F604101922.D	14DIOXANEGCM	L1914228-11	WG1225111,WG1224896,ICA..	4/10/2019	11:35 pm
23	F604101923.D	14DIOXANEGCM	L1913070-08	WG1225111,WG1222503,ICA..	4/11/2019	12:00 am
24	F604101924.D	DFTPPGCMS6.M	WG1225111-3	WG1225111,,ICAL15621,MS..	4/11/2019	12:21 am
25	F604101925.D	14DIOXANEGCM	WG1225111-4	WG1225111,,ICAL15621,MS..	4/11/2019	1:01 am
26	F604101926.D	14DIOXANEGCM	WG1224686-1	WG1225111,WG1224686,ICA..	4/11/2019	1:26 am
27	F604101927.D	14DIOXANEGCM	WG1224686-2	WG1225111,WG1224686,ICA..	4/11/2019	1:50 am
28	F604101928.D	14DIOXANEGCM	WG1224686-3	WG1225111,WG1224686,ICA..	4/11/2019	2:15 am
29	F604101929.D	14DIOXANEGCM	L1913816-02	WG1225111,WG1224686,ICA..	4/11/2019	2:39 am
30	F604101930.D	14DIOXANEGCM	L1913816-04	WG1225111,WG1224686,ICA..	4/11/2019	3:04 am
31	F604101931.D	14DIOXANEGCM	WG1224686-4	WG1225111,WG1224686,ICA..	4/11/2019	3:28 am
32	F604101932.D	14DIOXANEGCM	WG1224686-5	WG1225111,WG1224686,ICA..	4/11/2019	3:53 am
33	F604101933.D	14DIOXANEGCM	L1913816-06	WG1225111,WG1224686,ICA..	4/11/2019	4:17 am
34	F604101934.D	14DIOXANEGCM	L1913816-07	WG1225111,WG1224686,ICA..	4/11/2019	4:41 am
35	F604101935.D	14DIOXANEGCM	L1913926-01	WG1225111,WG1224584,ICA..	4/11/2019	5:05 am
36	F604101936.D	14DIOXANEGCM	L1914026-01	WG1225111,WG1224584,ICA..	4/11/2019	5:30 am
37	F604101937.D	14DIOXANEGCM	L1914026-02	WG1225111,WG1224584,ICA..	4/11/2019	5:54 am
38	F604101938.D	14DIOXANEGCM	L1914026-03	WG1225111,WG1224584,ICA..	4/11/2019	6:18 am
39	F604101939.D	14DIOXANEGCM	L1914026-04	WG1225111,WG1224584,ICA..	4/11/2019	6:42 am
40	F604101940.D	14DIOXANEGCM	L1913872-01	WG1225111,WG1224585,ICA..	4/11/2019	7:07 am
41	F604101941.D	14DIOXANEGCM	WG1224585-4	WG1225111,WG1224585,ICA..	4/11/2019	7:31 am
42	F604101942.D	14DIOXANEGCM	L1913872-02	WG1225111,WG1224585,ICA..	4/11/2019	7:56 am
43	F604101943.D	14DIOXANEGCM	WG1224585-5	WG1225111,WG1224585,ICA..	4/11/2019	8:21 am
44	F604101944.D	14DIOXANEGCM	L1913872-03	WG1225111,WG1224585,ICA..	4/11/2019	8:46 am
45	F604101945.D	14DIOXANEGCM	L1913872-04	WG1225111,WG1224585,ICA..	4/11/2019	9:12 am
46	F604101946.D	14DIOXANEGCM	L1913872-05	WG1225111,WG1224585,ICA..	4/11/2019	9:38 am
47	F604101947.D	14DIOXANEGCM	L1913872-06	WG1225111,WG1224585,ICA..	4/11/2019	10:04 am
48	F604101948.D	14DIOXANEGCM	L1913872-07	WG1225111,WG1224585,ICA..	4/11/2019	10:31 am
49	F604101949.D	14DIOXANEGCM	L1913872-08	WG1225111,WG1224585,ICA..	4/11/2019	10:58 am
50	F604101950.D	14DIOXANEGCM	L1913872-09	WG1225111,WG1224585,ICA..	4/11/2019	11:26 am
51	F604101951.D	14DIOXANEGCM	L1913872-10	WG1225111,WG1224585,ICA..	4/11/2019	11:55 am
52	F604101952.D	14DIOXANEGCM	IS CHECK		4/11/2019	12:25 pm

Printed: 04/12/19

Page: 1



ORGANIC ELN REPORT

Workgroup: WG1224686

Prep Method: EPA 3510C Solvent Type: DCM Surrogate Type: 1,4-DIOXANE Spike Type: 1,4-DIOXANE Spike Verify by: EDM Lims Spikelot: 14DIOXANE Additional Reagents/Std <table><tr><td>Glass Wool</td><td>03218999</td></tr><tr><td>Na2SO4</td><td>0000216870</td></tr></table>	Glass Wool	03218999	Na2SO4	0000216870	Conc.Method: S-EVAP Solvent Type: DCM Lot #: DV426-US Additional Reagents/Std	Cleanup 1 Cleanup Method 1: Cleanup Method 2: Solvent Type:Lot #: Additional Reagents/Std
Glass Wool	03218999					
Na2SO4	0000216870					

Sample/ Type	Extraction						Concentration			
	Extract Date	Analyst	Sample Vol ml	Ph	Surr Amt ml	Spike Amt ml	Conc Date	Analyst	Final Vol ml	Conc Unit
L1913816-02 WATER	04/09/19 16:35	Elias Mcdonnel 	540	7	0.5		04/09/19 18:05	Elias Mcdonnel 	5.0	SEVAP 1A
L1913816-04 WATER	04/09/19 16:35	Elias Mcdonnel 	510	7	0.5		04/09/19 18:05	Elias Mcdonnel 	5.0	SEVAP 1A
L1913816-06 WATER	04/09/19 16:35	Elias Mcdonnel 	540	7	0.5		04/09/19 18:05	Elias Mcdonnel 	5.0	SEVAP 1A
L1913816-07 WATER	04/09/19 16:35	Elias Mcdonnel 	550	7	0.5		04/09/19 18:05	Elias Mcdonnel 	5.0	SEVAP 1A
WG1224686- 1 BLANK	04/09/19 16:35	Elias Mcdonnel 	500	7	0.5		04/09/19 18:05	Elias Mcdonnel 	5.0	SEVAP 1A
WG1224686- 2 LCS	04/09/19 16:35	Elias Mcdonnel 	500	7	0.5	0.5	04/09/19 18:05	Elias Mcdonnel 	5.0	SEVAP 1A



ORGANIC ELN REPORT

Workgroup: WG1224686

Sample/ Type	Extraction						Concentration			
	Extract Date	Analyst	Sample Vol ml	Ph	Surr Amt ml	Spike Amt ml	Conc Date	Analyst	Final Vol ml	Conc Unit
WG1224686-3 LCSD	04/09/19 16:35	Elias Mcdonnel 	500	7	0.5	0.5	04/09/19 18:05	Elias Mcdonnel 	5.0	SEVAP 1A
WG1224686-4 MS	04/09/19 16:35	Elias Mcdonnel 	540	7	0.5	0.5	04/09/19 18:05	Elias Mcdonnel 	5.0	SEVAP 1A
WG1224686-5 MSD	04/09/19 16:35	Elias Mcdonnel 	540	7	0.5	0.5	04/09/19 18:05	Elias Mcdonnel 	5.0	SEVAP 1A

PFAs

Semivolatiles QC Summary

Surrogate (Extracted Internal Standard) Recovery Summary

Form 2

Semivolatiles

Client: LaBella Associates, P.C.
Project Name: ELDRE CORP.-EMERGING CONTAM

Lab Number: L1913816
Project Number: 212721.01
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 ()	S2 ()	S3 ()	S4 ()	S5 ()	S6 ()	S7 ()
MW-15 04-03-2019 (L1913816-01)	92	111	103	96	92	107	94
MW-16 04-03-2019 (L1913816-03)	91	114	102	99	89	108	97
MW-19 04-03-2019 (L1913816-05)	80	112	94	83	79	96	84
BLIND DUPLICATE (L1913816-07)	85	122	103	87	86	97	89
ERB-01 (L1913816-08)	71	93	83	71	78	91	86
WG1224866-1BLANK	97	96	100	100	97	92	95
WG1224866-2LCS	96	101	103	93	92	101	93
WG1224866-3LCSD	100	105	103	99	98	103	98
MW-16 04-03-2019MS	91	106	105	96	85	101	95
MW-16 04-03-2019MSD	89	105	102	94	86	106	93

QC LIMITS

(2-156) S1 = PERFLUORO[13C4]BUTANOIC ACID (MPFBA)
 (16-173) S2 = PERFLUORO[13C5]PENTANOIC ACID (M5PFPEA)
 (31-159) S3 = PERFLUORO[2,3,4-13C3]BUTANESULFONIC ACID (M3PFBS)
 (21-145) S4 = PERFLUORO[1,2,3,4,6-13C5]HEXANOIC ACID (M5PFHXA)
 (30-139) S5 = PERFLUORO[1,2,3,4-13C4]HEPTANOIC ACID (M4PFHPA)
 (47-153) S6 = PERFLUORO[1,2,3-13C3]HEXANESULFONIC ACID (M3PFHXS)
 (47-153) S7 = PERFLUORO[13C8]OCTANOIC ACID (M8PFOA)

* Values outside of QC limits

FORM II A2-NY-537-ISOTOPE



Surrogate (Extracted Internal Standard) Recovery Summary

Form 2

Semivolatiles

Client: LaBella Associates, P.C.
Project Name: ELDRE CORP.-EMERGING CONTAM

Lab Number: L1913816
Project Number: 212721.01
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S8 ()	S9 ()	S10 ()	S11 ()	S12 ()	S13 ()	S14 ()
MW-15 04-03-2019 (L1913816-01)	81	100	100	90	90	64	94
MW-16 04-03-2019 (L1913816-03)	69	94	90	78	72	65	82
MW-19 04-03-2019 (L1913816-05)	67	85	87	81	69	55	85
BLIND DUPLICATE (L1913816-07)	69	92	94	86	67	58	89
ERB-01 (L1913816-08)	57	92	84	81	61	50	82
WG1224866-1BLANK	84	98	92	89	96	74	93
WG1224866-2LCS	75	96	99	90	91	71	93
WG1224866-3LCSD	83	103	98	97	97	75	97
MW-16 04-03-2019MS	84	92	94	82	93	64	83
MW-16 04-03-2019MSD	80	93	95	81	87	64	85

QC LIMITS

(1-244) S8 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]OCTANESULFONIC ACID (M2-6:2FTS)
 (34-146) S9 = PERFLUORO[13C9]NONANOIC ACID (M9PFNA)
 (42-146) S10 = PERFLUORO[13C8]OCTANESULFONIC ACID (M8PFOS)
 (38-144) S11 = PERFLUORO[1,2,3,4,5,6-13C6]DECANOIC ACID (M6PFDA)
 (7-170) S12 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]DECANESULFONIC ACID (M2-8:2FTS)
 (1-181) S13 = N-DEUTERIOMETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D3-NMEFOSAA)
 (1-181) S14 = PERFLUORO[1,2,3,4,5,6,7-13C7]UNDECANOIC ACID (M7-PFUDA)

* Values outside of QC limits

FORM II A2-NY-537-ISOTOPE (Continued)



Surrogate (Extracted Internal Standard) Recovery Summary

Form 2

Semivolatiles

Client: LaBella Associates, P.C.
Project Name: ELDRE CORP.-EMERGING CONTAM

Lab Number: L1913816
Project Number: 212721.01
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S15 ()	S16 ()	S17 ()	S18 ()	S19 ()	S20 ()	S21 ()	TOT OUT
MW-15 04-03-2019 (L1913816-01)	34	63	83	87	--	--	--	0
MW-16 04-03-2019 (L1913816-03)	33	66	80	86	--	--	--	0
MW-19 04-03-2019 (L1913816-05)	24	53	77	80	--	--	--	0
BLIND DUPLICATE (L1913816-07)	44	62	81	85	--	--	--	0
ERB-01 (L1913816-08)	26	49	74	81	--	--	--	0
WG1224866-1BLANK	56	77	83	98	--	--	--	0
WG1224866-2LCS	52	72	87	94	--	--	--	0
WG1224866-3LCSD	45	77	90	96	--	--	--	0
MW-16 04-03-2019MS	39	66	82	87	--	--	--	0
MW-16 04-03-2019MSD	33	66	85	88	--	--	--	0

QC LIMITS

(1-87) S15 = PERFLUORO[13C8]OCTANESULFONAMIDE (M8FOSA)
 (23-146) S16 = N-DEUTERIOETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D5-NETFOSAA)
 (24-161) S17 = PERFLUORO[1,2-13C2]DODECANOIC ACID (MPFDOA)
 (33-143) S18 = PERFLUORO[1,2-13C2]TETRADECANOIC ACID (M2PFTEDA)

* Values outside of QC limits

FORM II A2-NY-537-ISOTOPE (Continued)



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : LaBella Associates, P.C. Lab Number : L1913816
 Project Name : ELDRE CORP.-EMERGING CONTAM Project Number : 212721.01
 Matrix : WATER
 LCS Sample ID : WG1224866-2 Analysis Date : 04/11/19 13:30 File ID : I3786
 LCSD Sample ID : WG1224866-3 Analysis Date : 04/11/19 13:47 File ID : I3787

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ng/l)	Found (ng/l)	%R	True (ng/l)	Found (ng/l)	%R			
Perfluorobutanoic Acid (PFBA)	40	44.5	111	40	44.6	112	1	67-148	30
Perfluoropentanoic Acid (PFPeA)	40	42.0	105	40	41.9	105	0	63-161	30
Perfluorobutanesulfonic Acid (PFBS)	40	38.9	97	40	39.4	98	1	65-157	30
Perfluorohexanoic Acid (PFHxA)	40	44.5	111	40	44.7	112	1	69-168	30
Perfluoroheptanoic Acid (PFHpA)	40	40.0	100	40	40.7	102	2	58-159	30
Perfluorohexanesulfonic Acid (PFHxS)	40	42.2	105	40	41.6	104	1	69-177	30
Perfluorooctanoic Acid (PFOA)	40	40.9	102	40	41.2	103	1	63-159	30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	40	45.5	114	40	44.2	110	4	49-187	30
Perfluoroheptanesulfonic Acid (PFHpS)	40	40.6	102	40	44.1	110	8	61-179	30
Perfluorononanoic Acid (PFNA)	40	43.8	109	40	44.1	110	1	68-171	30
Perfluorooctanesulfonic Acid (PFOS)	40	34.2	85	40	37.0	92	8	52-151	30
Perfluorodecanoic Acid (PFDA)	40	42.4	106	40	42.1	105	1	63-171	30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	40	45.6	114	40	48.8	122	7	56-173	30

Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : LaBella Associates, P.C. Lab Number : L1913816
 Project Name : ELDRE CORP.-EMERGING CONTAM Project Number : 212721.01
 Matrix : WATER
 LCS Sample ID : WG1224866-2 Analysis Date : 04/11/19 13:30 File ID : I3786
 LCSD Sample ID : WG1224866-3 Analysis Date : 04/11/19 13:47 File ID : I3787

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ng/l)	Found (ng/l)	%R	True (ng/l)	Found (ng/l)	%R			
N-Methyl Perfluorooctanesulfonamide	40	41.2	103	40	45.7	114	10	60-166	30
doacetic Acid (NMeFOSAA)									
Perfluoroundecanoic Acid (PFUnA)	40	41.5	104	40	41.3	103	1	60-153	30
Perfluorodecanesulfonic Acid (PFDS)	40	46.2	115	40	47.2	118	3	38-156	30
Perfluorooctanesulfonamide (FOSA)	40	38.9	97	40	37.0	93	4	46-170	30
N-Ethyl Perfluorooctanesulfonamide	40	43.6	109	40	43.0	107	2	45-170	30
doacetic Acid (NEtFOSAA)									
Perfluorododecanoic Acid (PFDoA)	40	40.9	102	40	41.1	103	1	67-153	30
Perfluorotridecanoic Acid (PFTrDA)	40	37.5	94	40	38.8	97	3	48-158	30
Perfluorotetradecanoic Acid (PFTA)	40	44.2	110	40	45.3	113	3	59-182	30

Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : LaBella Associates, P.C.
 Project Name : ELDRE CORP.-EMERGING CONTAM
 Client Sample ID : MW-16 04-03-2019
 Lab Sample ID : L1913816-03
 Matrix Spike : WG1224866-4
 Matrix Spike Dup : WG1224866-5

Lab Number : L1913816
 Project Number : 212721.01
 Matrix : WATER
 Analysis Date : 04/11/19 15:26
 MS Analysis Date : 04/11/19 14:03
 MSD Analysis Date : 04/11/19 14:20

Parameter	Sample Conc. (ng/l)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ng/l)	Spike Conc. (ng/l)	%R	Spike Added (ng/l)	Spike Conc. (ng/l)	%R			
Perfluorobutanoic Acid (PFBA)	1.74J	40.3	43.1	107	38.9	45.9	118	6	67-148	30
Perfluoropentanoic Acid (PFPeA)	ND	40.3	38.5	96	38.9	41.8	107	8	63-161	30
Perfluorobutanesulfonic Acid (PFBS)	ND	40.3	36.2	90	38.9	39.4	101	8	65-157	30
Perfluorohexanoic Acid (PFHxA)	ND	40.3	41.5	103	38.9	44.7	115	7	69-168	30
Perfluoroheptanoic Acid (PFHpA)	ND	40.3	38.0	94	38.9	40.3	104	6	58-159	30
Perfluorohexanesulfonic Acid (PFHxS)	ND	40.3	39.5	98	38.9	40.9	105	3	69-177	30
Perfluorooctanoic Acid (PFOA)	ND	40.3	36.8	91	38.9	40.1	103	9	63-159	30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	40.3	39.4	98	38.9	44.8	115	13	49-187	30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	40.3	43.1	107	38.9	43.1	111	0	61-179	30
Perfluorononanoic Acid (PFNA)	ND	40.3	40.6	101	38.9	43.4	112	7	68-171	30
Perfluorooctanesulfonic Acid (PFOS)	ND	40.3	32.8	81	38.9	34.6	89	5	52-151	30
Perfluorodecanoic Acid (PFDA)	ND	40.3	36.8	91	38.9	40.6	104	10	63-171	30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	40.3	43.8	109	38.9	48.0	123	9	56-173	30
N-Methyl Perfluorooctanesulfonamide doacetic Acid (NMeFOSAA)	ND	40.3	40.1	99	38.9	42.5	109	6	60-166	30
Perfluoroundecanoic Acid (PFUnA)	ND	40.3	34.0	84	38.9	36.1	93	6	60-153	30



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : LaBella Associates, P.C.
 Project Name : ELDRE CORP.-EMERGING CONTAM
 Client Sample ID : MW-16 04-03-2019
 Lab Sample ID : L1913816-03
 Matrix Spike : WG1224866-4
 Matrix Spike Dup : WG1224866-5

Lab Number : L1913816
 Project Number : 212721.01
 Matrix : WATER
 Analysis Date : 04/11/19 15:26
 MS Analysis Date : 04/11/19 14:03
 MSD Analysis Date : 04/11/19 14:20

Parameter	Sample Conc. (ng/l)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ng/l)	Spike Conc. (ng/l)	%R	Spike Added (ng/l)	Spike Conc. (ng/l)	%R			
Perfluorodecanesulfonic Acid	ND	40.3	38.1	94	38.9	40.3	104	6	38-156	30
(PFDS)										
Perfluorooctanesulfonamide (FOSA)	ND	40.3	36.5	90	38.9	39.1	100	7	46-170	30
N-Ethyl Perfluorooctanesulfonamid	ND	40.3	33.7	84	38.9	38.6	99	14	45-170	30
oacetic Acid (NEtFOSAA)										
Perfluorododecanoic Acid (PFDoA)	ND	40.3	35.2	87	38.9	38.6	99	9	67-153	30
Perfluorotridecanoic Acid	ND	40.3	34.9	87	38.9	37.0	95	6	48-158	30
(PFTTrDA)										
Perfluorotetradecanoic Acid	ND	40.3	39.8	99	38.9	45.0	116	12	59-182	30
(PFTA)										

Method Blank Summary
Form 4
Semivolatiles

Client	: LaBella Associates, P.C.	Lab Number	: L1913816
Project Name	: ELDRE CORP.-EMERGING CONTAM	Project Number	: 212721.01
Lab Sample ID	: WG1224866-1	Lab File ID	: I3776
Instrument ID	: LCMS02	Extraction Date	: 04/10/19
Matrix	: WATER	Analysis Date	: 04/11/19 10:45
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1224866-2LCS	WG1224866-2	04/11/19 13:30
WG1224866-3LCSD	WG1224866-3	04/11/19 13:47
MW-16 04-03-2019MS	WG1224866-4	04/11/19 14:03
MW-16 04-03-2019MSD	WG1224866-5	04/11/19 14:20
MW-15 04-03-2019	L1913816-01	04/11/19 15:10
MW-16 04-03-2019	L1913816-03	04/11/19 15:26
MW-19 04-03-2019	L1913816-05	04/11/19 15:43
BLIND DUPLICATE	L1913816-07	04/11/19 15:59
ERB-01	L1913816-08	04/11/19 16:16



Date Created: 12/06/18
Created By: Jason Hebert
File: PM5798-1
Page: 1

PFAAs via EPA 537(M)-Isotope Dilution (WATER)

Holding Time: 14 days

Container/Sample Preservation: 1 - 2 Plastic/1 Plastic/1 H2O Plastic

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Perfluorobutanoic Acid (PFBA)	375-22-4	2	0.373	ng/l	67-148	30	67-148	30	30			
Perfluoropentanoic Acid (PFPeA)	2706-90-3	2	0.464	ng/l	63-161	30	63-161	30	30			
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	2	0.380	ng/l	65-157	30	65-157	30	30			
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	NONE	2	0.488	ng/l	37-219	30	37-219	30	30			
Perfluorohexanoic Acid (PFHxA)	307-24-4	2	0.492	ng/l	69-168	30	69-168	30	30			
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	2	0.238	ng/l	52-156	30	52-156	30	30			
Perfluoroheptanoic Acid (PFHpA)	375-85-9	2	0.372	ng/l	58-159	30	58-159	30	30			
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	2	0.436	ng/l	69-177	30	69-177	30	30			
Perfluorooctanoic Acid (PFOA)	335-67-1	2	0.460	ng/l	63-159	30	63-159	30	30			
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	2	0.194	ng/l	49-187	30	49-187	30	30			
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	2	0.520	ng/l	61-179	30	61-179	30	30			
Perfluorononanoic Acid (PFNA)	375-95-1	2	0.436	ng/l	68-171	30	68-171	30	30			
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	2	0.560	ng/l	52-151	30	52-151	30	30			
Perfluorodecanoic Acid (PFDA)	335-76-2	2	0.620	ng/l	63-171	30	63-171	30	30			
1H,1H,2H,2H-Perfluorodecane sulfonic Acid (8:2FTS)	39108-34-4	2	0.291	ng/l	56-173	30	56-173	30	30			
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	2	0.536	ng/l	48-150	30	48-150	30	30			
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSA)	2355-31-9	2	0.250	ng/l	60-166	30	60-166	30	30			
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	2	0.424	ng/l	60-153	30	60-153	30	30			
Perfluorodecane sulfonic Acid (PFDS)	335-77-3	2	0.386	ng/l	38-156	30	38-156	30	30			
Perfluorooctanesulfonamide (FOSA)	754-91-6	2	0.556	ng/l	46-170	30	46-170	30	30			
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	2	0.373	ng/l	45-170	30	45-170	30	30			
Perfluorododecanoic Acid (PFDoA)	307-55-1	2	0.592	ng/l	67-153	30	67-153	30	30			
Perfluorotridecanoic Acid (PFTriDA)	72629-94-8	2	0.314	ng/l	48-158	30	48-158	30	30			
Perfluorotetradecanoic Acid (PFTA)	376-06-7	2	0.988	ng/l	59-182	30	59-182	30	30			
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Pr	13252-13-6	50	22.7	ng/l	50-150	30	50-150	30	30			
Decafluoro-3H-4,8-Dioxanonanoate (ADONA)	958445-44-8	2	0.464	ng/l	50-150	30	50-150	30	30			
Perfluorohexadecanoic Acid (PFHxDA)	67905-19-5	4	1.24	ng/l	50-150	30	50-150	30	30			
Perfluorooctadecanoic Acid (PFODA)	16517-11-6	4	2.07	ng/l	50-150	30	50-150	30	30			
Perfluoro[13C4]Butanoic Acid (MPFBA)	NONE										2-156	
Perfluoro[13C5]Pentanoic Acid (MSPPEA)	NONE										16-173	
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	NONE										31-159	
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-	NONE										1-313	
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	NONE										21-145	
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	NONE										30-139	
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	NONE										47-153	
Perfluoro[13C8]Octanoic Acid (M8PFOA)	NONE										36-149	
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6	NONE										1-244	
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	NONE										34-146	
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	NONE										42-146	
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	NONE										38-144	
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8	NONE										7-170	
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid	NONE										1-181	

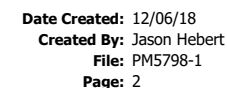
Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.



8 Walkup Drive, Westborough, Massachusetts 01581 • 508-898-9220 • www.alphalab.com

Westborough, MA • Mansfield, MA • Bangor, ME • Portsmouth, NH • Mahwah, NJ • Albany, NY • Buffalo, NY • Holmes, PA





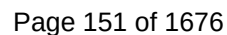
Holding Time: 14 days
Container/Sample Preservation: 1 - 2 Plastic/1 Plastic/1 H2O Plastic

[illegible]

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



Westborough, MA • Mansfield, MA • Bangor, ME • Portsmouth, NH • Mahwah, NJ • Albany, NY • Buffalo, NY • Holmes, PA





Date Created: 12/10/18
Created By: Jason Hebert
File: PM5802-1
Page: 1

PFAAs via EPA 537(M)-Isotope Dilution (SOIL)

Holding Time: 28 days
Container/Sample Preservation: 1 - Plastic 8oz unpreserved

Analyte	CAS #	RL	MDL	Units	LCS Criteria	LCS RPD	MS Criteria	MS RPD	Duplicate RPD	Surrogate Criteria		
Perfluorobutanoic Acid (PFBA)	375-22-4	1	0.0213	ng/g	50-150	30	50-150	30	30			
Perfluoropentanoic Acid (PFPeA)	2706-90-3	1	0.0104	ng/g	50-150	30	50-150	30	30			
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	1	0.0635	ng/g	50-150	30	50-150	30	30			
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	NONE	1	0.108	ng/g	50-150	30	50-150	30	30			
Perfluorohexanoic Acid (PFHxA)	307-24-4	1	0.064	ng/g	50-150	30	50-150	30	30			
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	1	0.0965	ng/g	50-150	30	50-150	30	30			
Perfluoroheptanoic Acid (PFHpA)	375-85-9	1	0.064	ng/g	50-150	30	50-150	30	30			
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	1	0.057	ng/g	50-150	30	50-150	30	30			
Perfluorooctanoic Acid (PFOA)	335-67-1	1	0.0411	ng/g	50-150	30	50-150	30	30			
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	1	0.198	ng/g	50-150	30	50-150	30	30			
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	1	0.136	ng/g	50-150	30	50-150	30	30			
Perfluorononanoic Acid (PFNA)	375-95-1	1	0.083	ng/g	50-150	30	50-150	30	30			
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	1	0.121	ng/g	50-150	30	50-150	30	30			
Perfluorodecanoic Acid (PFDA)	335-76-2	1	0.072	ng/g	50-150	30	50-150	30	30			
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	1	0.275	ng/g	50-150	30	50-150	30	30			
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	1	0.088	ng/g	50-150	30	50-150	30	30			
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSA)	2355-31-9	1	0.103	ng/g	50-150	30	50-150	30	30			
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	1	0.056	ng/g	50-150	30	50-150	30	30			
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	1	0.097	ng/g	50-150	30	50-150	30	30			
Perfluorooctanesulfonamide (FOSA)	754-91-6	1	0.103	ng/g	50-150	30	50-150	30	30			
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	1	0.090	ng/g	50-150	30	50-150	30	30			
Perfluorododecanoic Acid (PFDoA)	307-55-1	1	0.086	ng/g	50-150	30	50-150	30	30			
Perfluorotridecanoic Acid (PFTDA)	72629-94-8	1	0.062	ng/g	50-150	30	50-150	30	30			
Perfluorotetradecanoic Acid (PFTA)	376-06-7	1	0.070	ng/g	50-150	30	50-150	30	30			
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Pr	13252-13-6	10	3.81	ng/g	50-150	30	50-150	30	30			
Decafluoro-3H-4,8-Dioxanonanoate (ADONA)	958445-44-8	1	0.0575	ng/g	50-150	30	50-150	30	30			
Perfluorohexadecanoic Acid (PFHxDA)	67905-19-5	1	0.120	ng/g	50-150	30	50-150	30	30			
Perfluorooctadecanoic Acid (PFODA)	16517-11-6	1	0.171	ng/g	50-150	30	50-150	30	30			
Perfluoro[13C4]Butanoic Acid (MPFBA)	NONE									50-150		
Perfluoro[13C5]Pentanoic Acid (MSPPEA)	NONE									50-150		
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	NONE									50-150		
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4	NONE									50-150		
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	NONE									50-150		
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	NONE									50-150		
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	NONE									50-150		
Perfluoro[13C8]Octanoic Acid (M8PFOA)	NONE									50-150		
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6	NONE									50-150		
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	NONE									50-150		
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	NONE									50-150		
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	NONE									50-150		
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8	NONE									50-150		
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid	NONE									50-150		

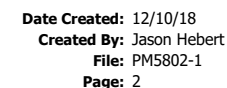
Please Note that the RL information provided in this table is calculated using a 100% Solids factor. (Soil/Solids only)
Please Note that the information provided in this table is subject to change at anytime at the discretion of Alpha Analytical, Inc.



8 Walkup Drive, Westborough, Massachusetts 01581 • 508-898-9220 • www.alphalab.com

Westborough, MA • Mansfield, MA • Bangor, ME • Portsmouth, NH • Mahwah, NJ • Albany, NY • Buffalo, NY • Holmes, PA





Holding Time: 28 days
Container/Sample Preservation: 1 - Plastic 8oz unpreserved

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



Semivolatile Sample Data

Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : LaBella Associates, P.C.
 Project Name : ELDRE CORP.-EMERGING CONTAM
 Lab ID : L1913816-01
 Client ID : MW-15 04-03-2019
 Sample Location : HENRIETTA, NY
 Sample Matrix : WATER
 Analytical Method : 122,537(M)
 Lab File ID : I3792
 Sample Amount : 290 g
 Extraction Method : EPA 537(M)
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L1913816
 Project Number : 212721.01
 Date Collected : 04/03/19 16:42
 Date Received : 04/05/19
 Date Analyzed : 04/11/19 15:10
 Date Extracted : 04/10/19
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	0.817	1.72	0.322	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.72	0.400	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.72	0.328	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.72	0.424	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.72	0.321	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.72	0.376	U
335-67-1	Perfluorooctanoic Acid (PFOA)	2.67	1.72	0.396	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.72	0.167	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.72	0.448	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.72	0.376	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.72	0.483	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.72	0.534	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.72	0.251	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	1.31	1.72	0.216	J
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.72	0.366	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.72	0.333	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.72	0.479	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	1.96	1.72	0.321	



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : LaBella Associates, P.C.
 Project Name : ELDRE CORP.-EMERGING CONTAM
 Lab ID : L1913816-01
 Client ID : MW-15 04-03-2019
 Sample Location : HENRIETTA, NY
 Sample Matrix : WATER
 Analytical Method : 122,537(M)
 Lab File ID : I3792
 Sample Amount : 290 g
 Extraction Method : EPA 537(M)
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L1913816
 Project Number : 212721.01
 Date Collected : 04/03/19 16:42
 Date Received : 04/05/19
 Date Analyzed : 04/11/19 15:10
 Date Extracted : 04/10/19
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.72	0.510	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.72	0.271	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.72	0.852	U
NONE	PFOA/PFOS, Total	2.67	1.72	0.396	

Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : LaBella Associates, P.C.
 Project Name : ELDRE CORP.-EMERGING CONTAM
 Lab ID : L1913816-03
 Client ID : MW-16 04-03-2019
 Sample Location : HENRIETTA, NY
 Sample Matrix : WATER
 Analytical Method : 122,537(M)
 Lab File ID : I3793
 Sample Amount : 247 g
 Extraction Method : EPA 537(M)
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L1913816
 Project Number : 212721.01
 Date Collected : 04/03/19 14:40
 Date Received : 04/05/19
 Date Analyzed : 04/11/19 15:26
 Date Extracted : 04/10/19
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	1.74	2.02	0.378	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	2.02	0.470	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	2.02	0.385	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	2.02	0.498	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	2.02	0.376	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	2.02	0.441	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	2.02	0.466	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	2.02	0.196	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	2.02	0.526	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	2.02	0.441	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	2.02	0.567	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	2.02	0.628	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	2.02	0.294	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	2.02	0.253	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	2.02	0.429	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	2.02	0.391	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	2.02	0.563	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	2.02	0.377	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : LaBella Associates, P.C.
 Project Name : ELDRE CORP.-EMERGING CONTAM
 Lab ID : L1913816-03
 Client ID : MW-16 04-03-2019
 Sample Location : HENRIETTA, NY
 Sample Matrix : WATER
 Analytical Method : 122,537(M)
 Lab File ID : I3793
 Sample Amount : 247 g
 Extraction Method : EPA 537(M)
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L1913816
 Project Number : 212721.01
 Date Collected : 04/03/19 14:40
 Date Received : 04/05/19
 Date Analyzed : 04/11/19 15:26
 Date Extracted : 04/10/19
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	2.02	0.599	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	2.02	0.318	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	2.02	1.00	U
NONE	PFOA/PFOS, Total	ND	2.02	0.466	U

Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : LaBella Associates, P.C.
 Project Name : ELDRE CORP.-EMERGING CONTAM
 Lab ID : L1913816-05
 Client ID : MW-19 04-03-2019
 Sample Location : HENRIETTA, NY
 Sample Matrix : WATER
 Analytical Method : 122,537(M)
 Lab File ID : I3794
 Sample Amount : 248 g
 Extraction Method : EPA 537(M)
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L1913816
 Project Number : 212721.01
 Date Collected : 04/03/19 11:15
 Date Received : 04/05/19
 Date Analyzed : 04/11/19 15:43
 Date Extracted : 04/10/19
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	0.835	2.02	0.376	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	2.02	0.468	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	2.02	0.383	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	2.02	0.496	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	2.02	0.375	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	2.02	0.440	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	2.02	0.464	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	2.02	0.196	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	2.02	0.524	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	2.02	0.440	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	2.02	0.564	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	2.02	0.625	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	2.02	0.293	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	2.02	0.252	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	2.02	0.427	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	2.02	0.389	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	2.02	0.560	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	2.02	0.376	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : LaBella Associates, P.C.
 Project Name : ELDRE CORP.-EMERGING CONTAM
 Lab ID : L1913816-05
 Client ID : MW-19 04-03-2019
 Sample Location : HENRIETTA, NY
 Sample Matrix : WATER
 Analytical Method : 122,537(M)
 Lab File ID : I3794
 Sample Amount : 248 g
 Extraction Method : EPA 537(M)
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L1913816
 Project Number : 212721.01
 Date Collected : 04/03/19 11:15
 Date Received : 04/05/19
 Date Analyzed : 04/11/19 15:43
 Date Extracted : 04/10/19
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	2.02	0.597	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	2.02	0.316	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	2.02	0.996	U
NONE	PFOA/PFOS, Total	ND	2.02	0.464	U

Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : LaBella Associates, P.C.
 Project Name : ELDRE CORP.-EMERGING CONTAM
 Lab ID : L1913816-07
 Client ID : BLIND DUPLICATE
 Sample Location : HENRIETTA, NY
 Sample Matrix : WATER
 Analytical Method : 122,537(M)
 Lab File ID : I3795
 Sample Amount : 249 g
 Extraction Method : EPA 537(M)
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L1913816
 Project Number : 212721.01
 Date Collected : 04/03/19 00:00
 Date Received : 04/05/19
 Date Analyzed : 04/11/19 15:59
 Date Extracted : 04/10/19
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	1.08	2.01	0.375	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	2.01	0.466	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	2.01	0.382	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	2.01	0.494	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	2.01	0.373	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	2.01	0.438	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	2.01	0.462	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.03	2.01	0.195	J
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	2.01	0.522	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	2.01	0.438	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	2.01	0.562	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	2.01	0.622	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	2.01	0.292	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	2.01	0.251	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	2.01	0.426	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	2.01	0.388	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	2.01	0.558	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	2.01	0.374	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : LaBella Associates, P.C.
 Project Name : ELDRE CORP.-EMERGING CONTAM
 Lab ID : L1913816-07
 Client ID : BLIND DUPLICATE
 Sample Location : HENRIETTA, NY
 Sample Matrix : WATER
 Analytical Method : 122,537(M)
 Lab File ID : I3795
 Sample Amount : 249 g
 Extraction Method : EPA 537(M)
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L1913816
 Project Number : 212721.01
 Date Collected : 04/03/19 00:00
 Date Received : 04/05/19
 Date Analyzed : 04/11/19 15:59
 Date Extracted : 04/10/19
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	2.01	0.594	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	2.01	0.315	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	2.01	0.992	U
NONE	PFOA/PFOS, Total	ND	2.01	0.462	U

Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : LaBella Associates, P.C.
 Project Name : ELDRE CORP.-EMERGING CONTAM
 Lab ID : L1913816-08
 Client ID : ERB-01
 Sample Location : HENRIETTA, NY
 Sample Matrix : WATER
 Analytical Method : 122,537(M)
 Lab File ID : I3796
 Sample Amount : 286 g
 Extraction Method : EPA 537(M)
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L1913816
 Project Number : 212721.01
 Date Collected : 04/03/19 11:30
 Date Received : 04/05/19
 Date Analyzed : 04/11/19 16:16
 Date Extracted : 04/10/19
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.75	0.326	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.75	0.406	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.75	0.332	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.75	0.430	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.75	0.325	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.75	0.381	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.75	0.402	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	9.32	1.75	0.170	
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.75	0.454	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.75	0.381	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.75	0.490	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.75	0.542	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.75	0.254	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	1.75	0.219	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.75	0.371	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.75	0.337	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.75	0.486	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.75	0.326	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : LaBella Associates, P.C.
 Project Name : ELDRE CORP.-EMERGING CONTAM
 Lab ID : L1913816-08
 Client ID : ERB-01
 Sample Location : HENRIETTA, NY
 Sample Matrix : WATER
 Analytical Method : 122,537(M)
 Lab File ID : I3796
 Sample Amount : 286 g
 Extraction Method : EPA 537(M)
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L1913816
 Project Number : 212721.01
 Date Collected : 04/03/19 11:30
 Date Received : 04/05/19
 Date Analyzed : 04/11/19 16:16
 Date Extracted : 04/10/19
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.75	0.517	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	1.75	0.274	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.75	0.864	U
NONE	PFOA/PFOS, Total	ND	1.75	0.402	U

Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : LaBella Associates, P.C.
 Project Name : ELDRE CORP.-EMERGING CONTAM
 Lab ID : WG1224866-1
 Client ID : WG1224866-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 122,537(M)
 Lab File ID : I3776
 Sample Amount : 250 g
 Extraction Method : EPA 537(M)
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L1913816
 Project Number : 212721.01
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 04/11/19 10:45
 Date Extracted : 04/10/19
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	2.00	0.373	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	2.00	0.464	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	2.00	0.380	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	2.00	0.492	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	2.00	0.372	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	2.00	0.436	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	2.00	0.460	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	2.00	0.194	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	2.00	0.520	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	2.00	0.436	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	2.00	0.560	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	2.00	0.620	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	2.00	0.291	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	2.00	0.250	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	2.00	0.424	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	2.00	0.386	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	2.00	0.556	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	2.00	0.373	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : LaBella Associates, P.C.
 Project Name : ELDRE CORP.-EMERGING CONTAM
 Lab ID : WG1224866-1
 Client ID : WG1224866-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 122,537(M)
 Lab File ID : I3776
 Sample Amount : 250 g
 Extraction Method : EPA 537(M)
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L1913816
 Project Number : 212721.01
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 04/11/19 10:45
 Date Extracted : 04/10/19
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	2.00	0.592	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	2.00	0.314	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	2.00	0.988	U
NONE	PFOA/PFOS, Total	ND	2.00	0.460	U



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Method: C:\MassLynx\Data\2019\190411_537ISO.PRO\MethDB\537ISO_Q_190215_RT.mdb 10 Apr 2019 16:27:50

Calibration: C:\MassLynx\Data\2019\190411_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 08:45:17

ID: L1913816-01

Name: I3792

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:JW

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.35	212.926 > 169.111	809		0.237		na	
2	M3PFBA	INT STD	2.35	215.926 > 172.122	40115		8.451		na	84.5
3	MPFBA	INT STD	2.35	216.926 > 172.137	39781		9.180		na	91.8
4	PFPeA	2706-90-3		262.926 > 219.002			ND		na	
5	M5PFPEA	INT STD	5.24	267.989 > 223.081	59577		11.051		na	110.5
6	PFBS	375-73-5		298.989 > 80.295			ND		na	
7	M3PFBS	INT STD	5.88	301.989 > 80.254	11715		9.544		na	95.4
8	4:2FTS	757124-72-4		326.926 > 306.957			ND		YES	
9	M2-4:2FTS	INT STD	7.04	329.117 > 309.079	4929		8.657		na	86.6
10	PFHxA	307-24-4		312.989 > 269.028			ND		YES	
11	M5PFHxA	INT STD	7.13	317.989 > 273.045	76058		9.577		na	95.8
12	PFPeS	2706-91-4		348.926 > 80.251			ND		YES	
13	PFHpA	375-85-9		362.926 > 319.014			ND		YES	
14	M4PFHpA	INT STD	8.40	366.926 > 321.979	94087		9.171		na	91.7
15	br-PFHxS	355-46-4		398.926 > 80.295			ND		YES	
16	L-PFHxS	355-46-4		398.926 > 80.295			ND		YES	
17	PFHxS	355-46-4		398.926 > 80.295	0		ND		na	
18	M3PFHxS	INT STD	8.55	401.926 > 80.317	8807		10.137		na	101.4
19	br-PFOA	335-67-1	9.12	412.989 > 368.9	795	M5	0.086		YES	
20	L-PFOA	335-67-1	9.34	412.989 > 368.9	6331		0.688	13.37	NO	
21	M2PFOA	INT STD	9.34	415.032 > 369.968	95521		9.645		na	96.5
22	PFOA	335-67-1		412.989 > 368.9	7126		0.774		na	
23	M8PFOA	INT STD	9.34	420.989 > 375.979	86099		9.385		na	93.9
24	6:2FTS	27619-97-2		426.989 > 406.921			ND		na	
25	M2-6:2FTS	INT STD	9.30	428.989 > 408.917	4378		7.654		na	76.5
26	PFHpS	375-92-8		448.926 > 80.257			ND		YES	
27	PFNA	375-95-1		462.989 > 418.931			ND		YES	
28	M9PFNA	INT STD	10.10	472.053 > 426.947	86944		9.967		na	99.7
29	br-PFOS	1763-23-1		498.989 > 80.294			ND		YES	
30	L-PFOS	1763-23-1		498.989 > 80.294			ND		YES	
31	PFOS	1763-23-1		498.989 > 80.294	0		ND		na	
32	M4PFOS	INT STD	10.14	503.032 > 80.306	9868		10.672		na	106.7
33	M8PFOS	INT STD	10.14	507.053 > 80.294	9482		9.557		na	95.6
34	PFDA	335-76-2		513.053 > 468.906			ND		YES	
35	M2PFDA	INT STD	10.73	515.053 > 469.934	79530		10.543		na	105.4
36	M6PFDA	INT STD	10.73	519.053 > 473.931	76299		8.964		na	89.6
37	8:2FTS	39108-34-4		526.989 > 506.946			ND		na	
38	M2-8:2FTS	INT STD	10.72	529.053 > 508.945	2717		8.630		na	86.3
39	PFNS	68259-12-1		548.989 > 80.249			ND		YES	

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

ID: L1913816-01

Name: I3792

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:JW

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	11.09	573.096 > 418.987	5141		6.351		na	63.5
41	NMeFOSAA	2355-31-9	11.10	570.053 > 418.917	203		0.381		na	
42	PfUnA	2058-94-8		562.989 > 518.903			ND		YES	
43	M7-PFUDA	INT STD	11.27	570.053 > 524.923	67130		9.403		na	94.0
44	PFDS	335-77-3		598.926 > 80.314			ND		YES	
45	FOSA	754-91-6		497.989 > 78.245			ND		na	
46	M8FOSA	INT STD	11.06	506.053 > 78.286	9031		3.378		na	33.8
47	d5-NEtFOSAA	INT STD	11.38	589.117 > 418.929	4620		6.307		na	63.1
48	NEtFOSAA	2991-50-6	11.39	583.989 > 418.927	284		0.567	3.49	NO	
49	PFDaA	307-55-1		612.989 > 568.967			ND		YES	
50	MPFDOA	INT STD	11.75	614.989 > 569.92	67619		8.255		na	82.6
51	PFTTrDA	72629-94-8		663.053 > 618.969			ND		YES	
52	PFTA	376-06-7	12.51	713.053 > 668.976	550		0.137		YES	
53	M2PFTEDA	INT STD	12.51	715.053 > 669.945	47357		8.683		na	86.8

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Method: C:\MassLynx\Data\2019\190411_537ISO.PRO\MethDB\537ISO_Q_190215_RT.mdb 10 Apr 2019 16:27:50

Calibration: C:\MassLynx\Data\2019\190411_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 08:45:17

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBA

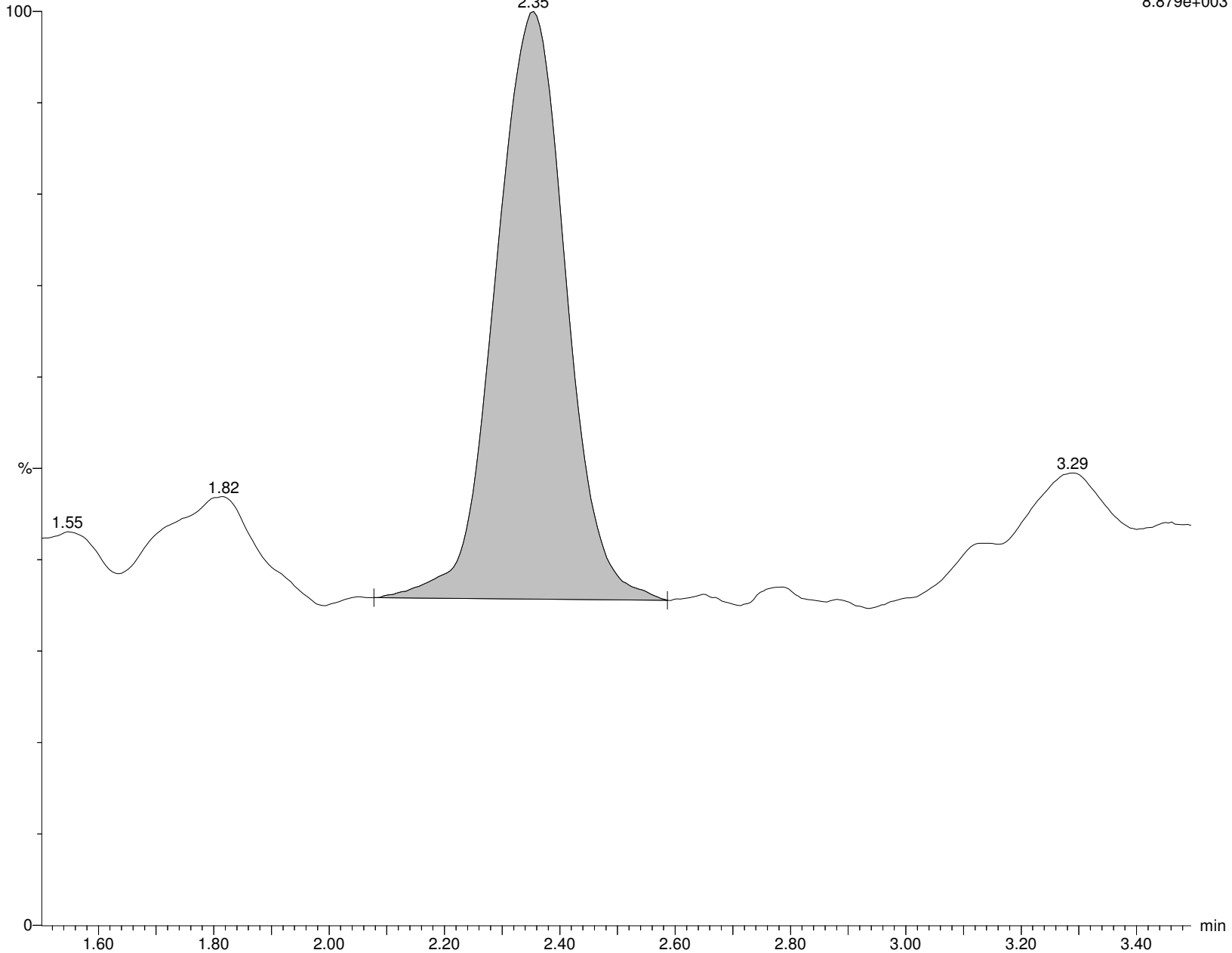
I3792 Smooth(Mn,2x5)

WG1225360,WG1224866,ICAL15513 L1913816-01

F1:MRM of 1 channel,ES-

212.926 > 169.111

8.879e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBA

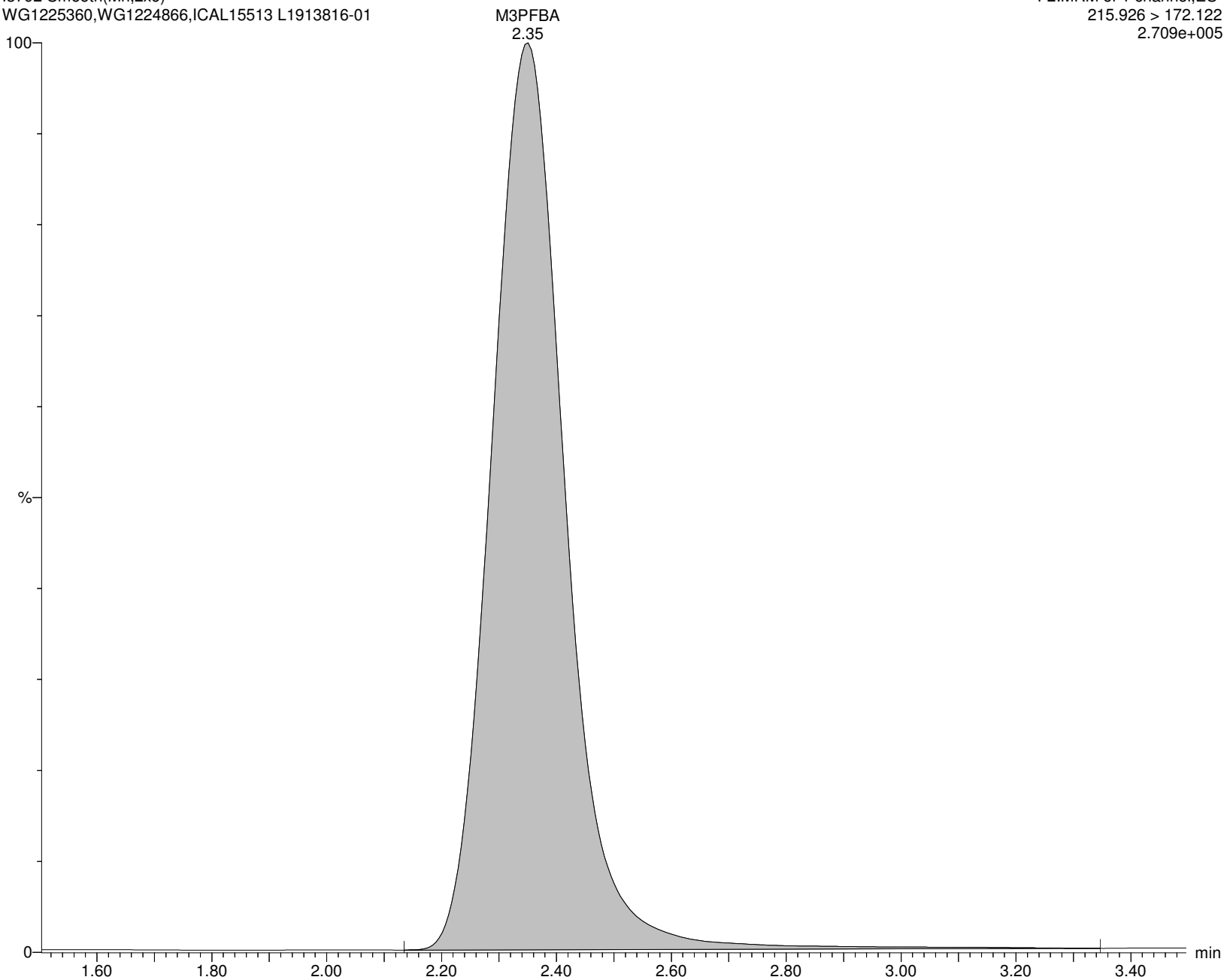
I3792 Smooth(Mn,2x6)

WG1225360,WG1224866,ICAL15513 L1913816-01

F2:MRM of 1 channel,ES-

215.926 > 172.122

2.709e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFBA

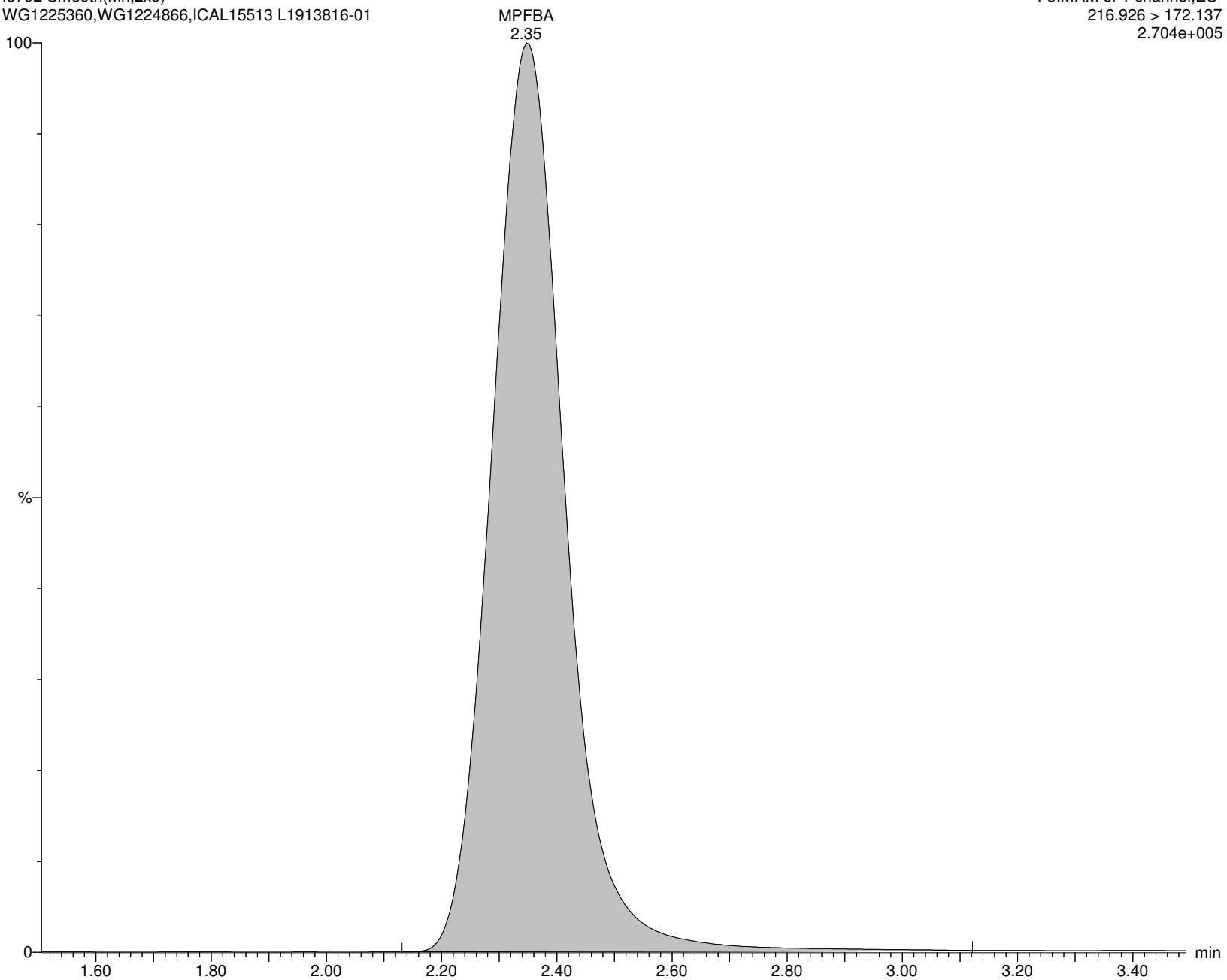
I3792 Smooth(Mn,2x6)

WG1225360,WG1224866,ICAL15513 L1913816-01

F3:MRM of 1 channel,ES-

216.926 > 172.137

2.704e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeA

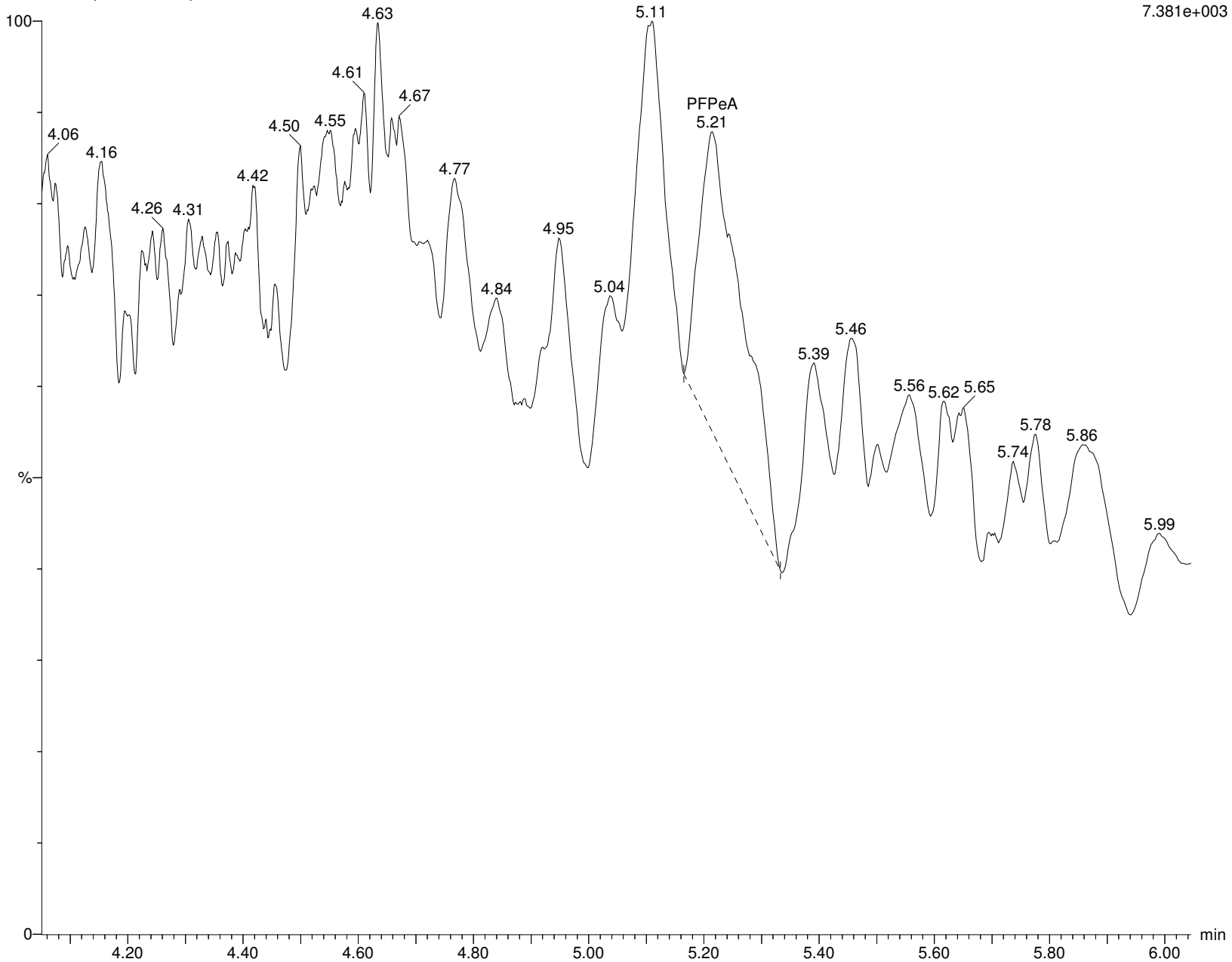
I3792 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513 L1913816-01

F4:MRM of 2 channels,ES-

262.926 > 219.002

7.381e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFPEA

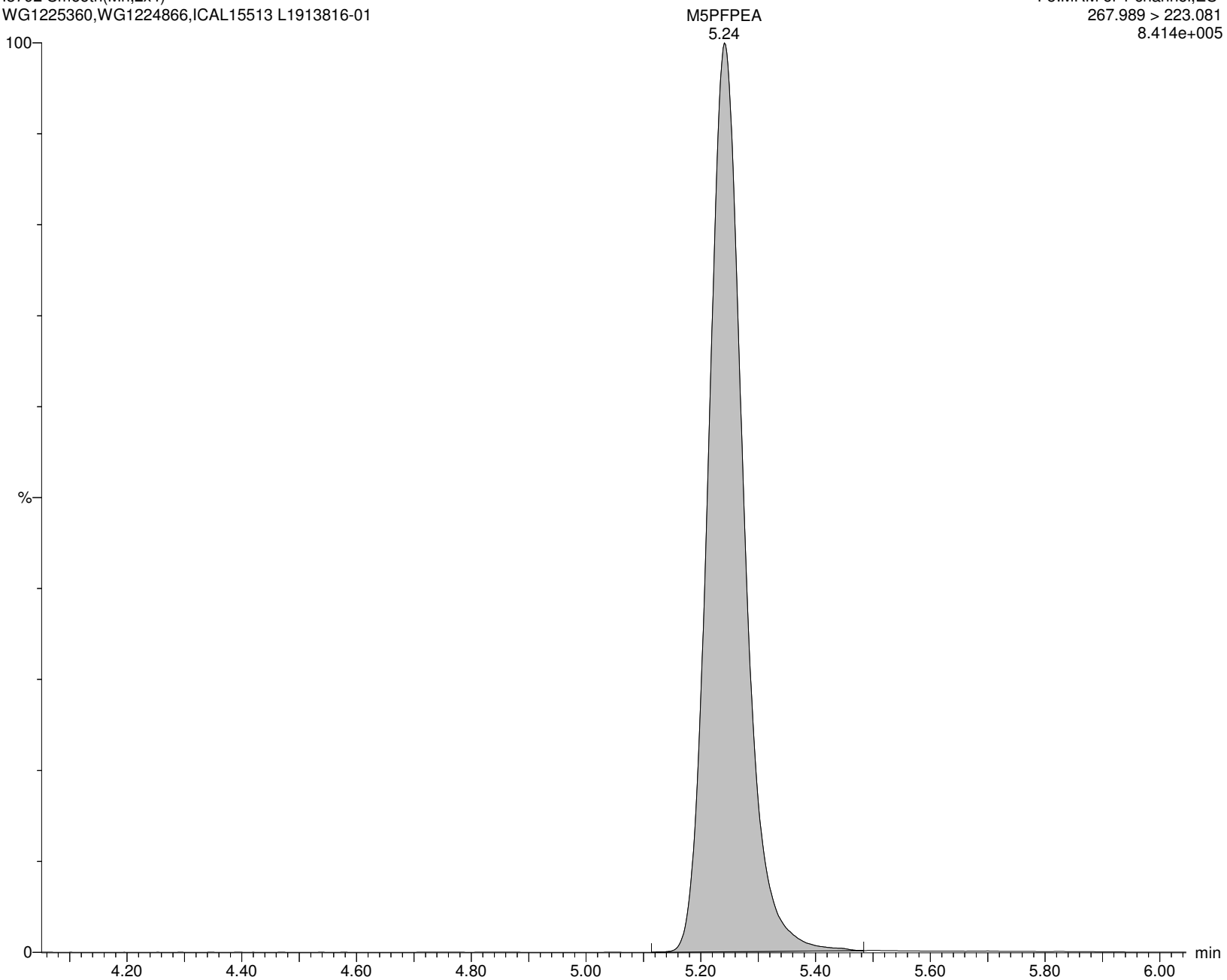
I3792 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513 L1913816-01

F5:MRM of 1 channel,ES-

267.989 > 223.081

8.414e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBS

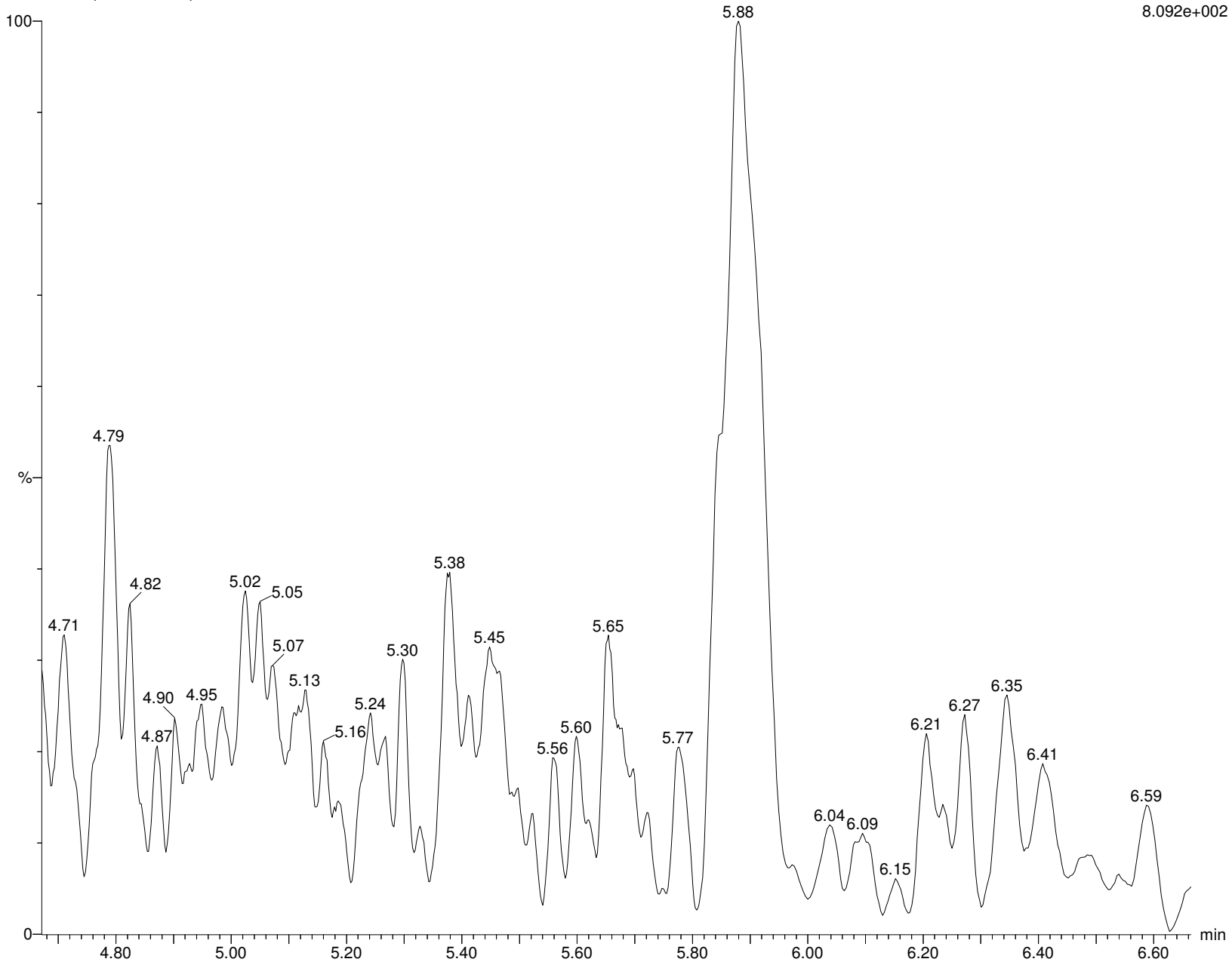
I3792 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-01

F6:MRM of 2 channels,ES-

298.989 > 80.295

8.092e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBS

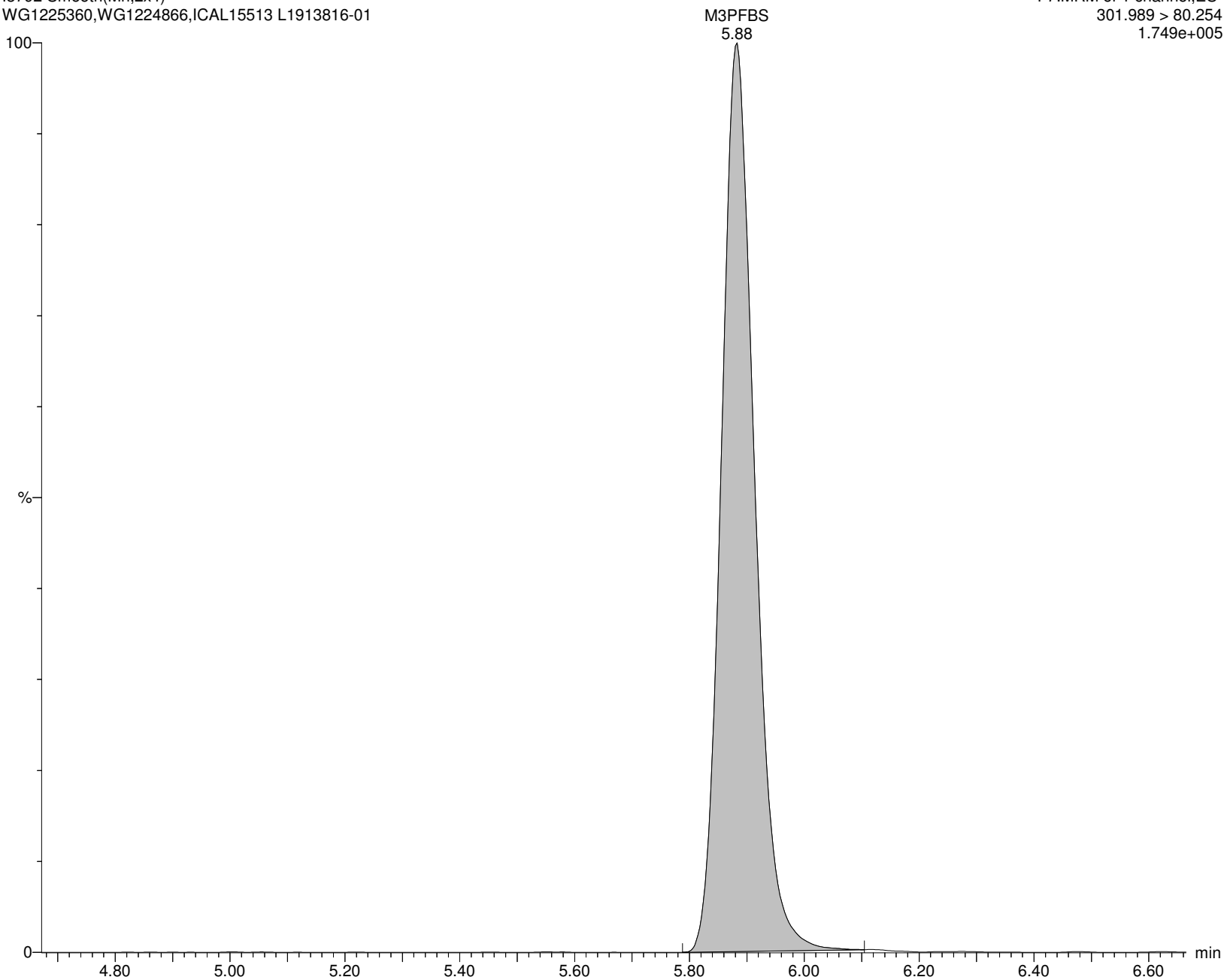
I3792 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513 L1913816-01

F7:MRM of 1 channel,ES-

301.989 > 80.254

1.749e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

4:2FTS

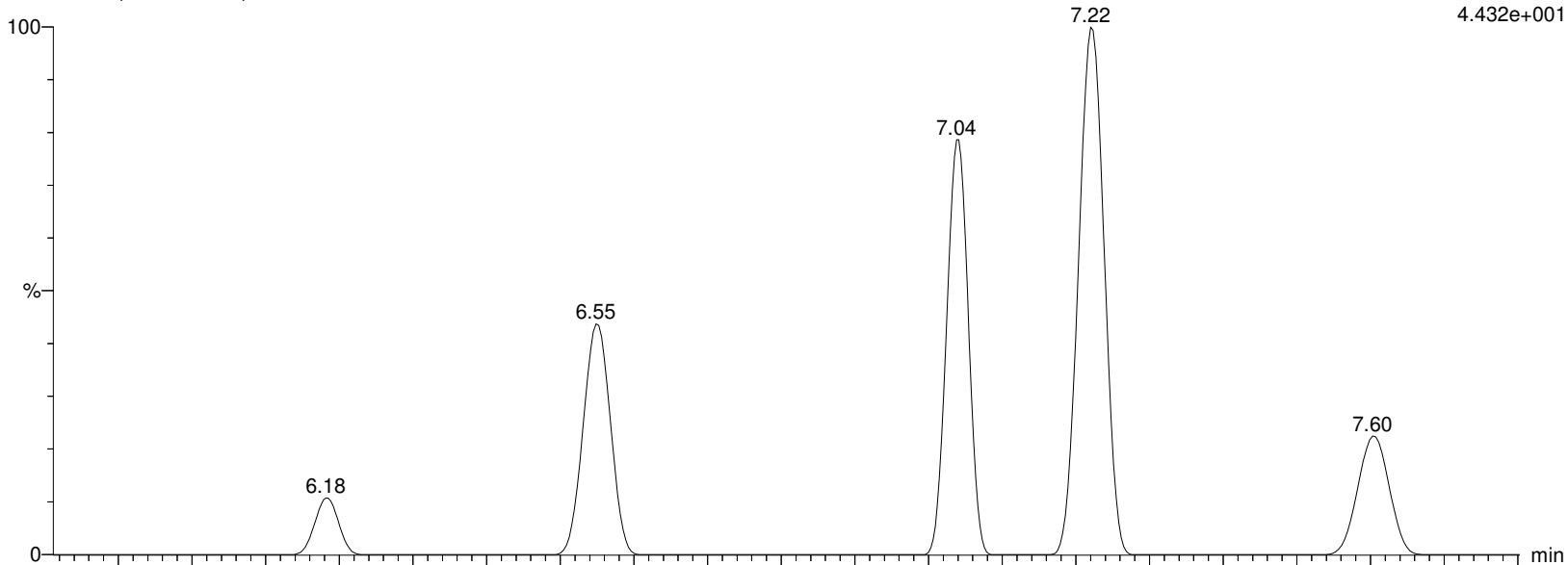
I3792 Smooth(Mn,5x3)

WG1225360,WG1224866,ICAL15513 L1913816-01

F10:MRM of 2 channels,ES-

326.926 > 306.957

4.432e+001



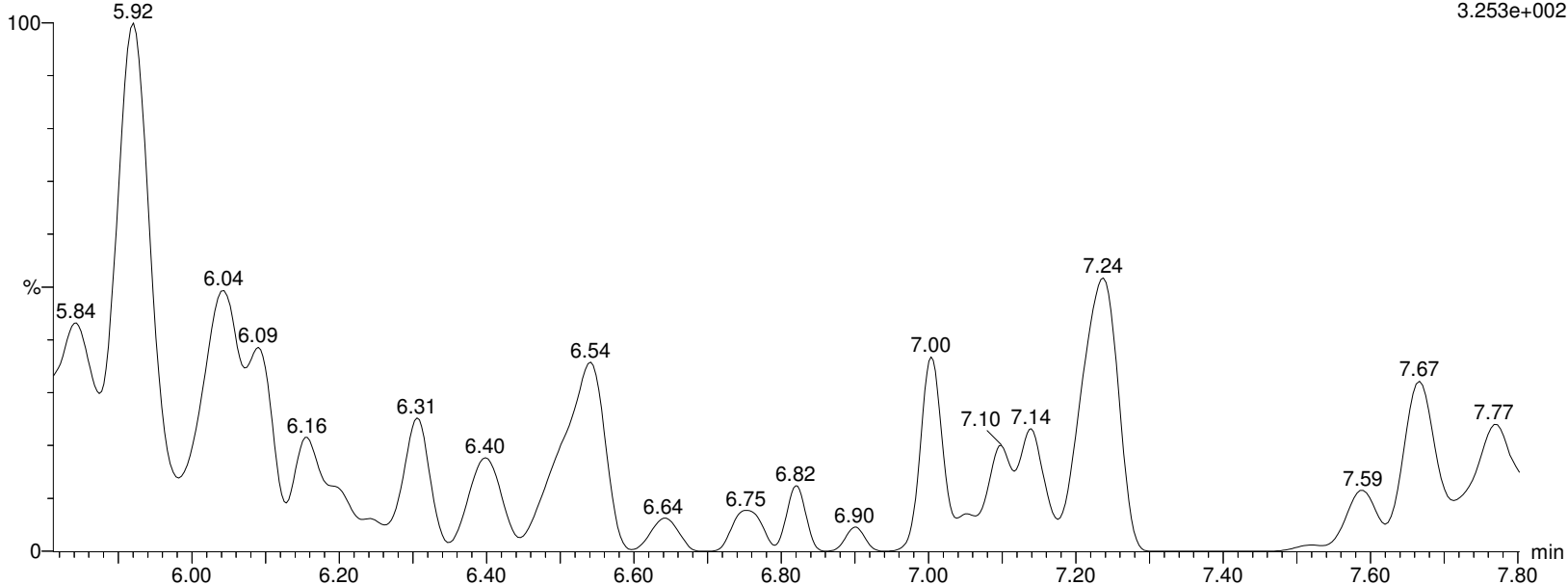
I3792 Smooth(Mn,5x3)

WG1225360,WG1224866,ICAL15513 L1913816-01

F10:MRM of 2 channels,ES-

326.926 > 81.02

3.253e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-4:2FTS

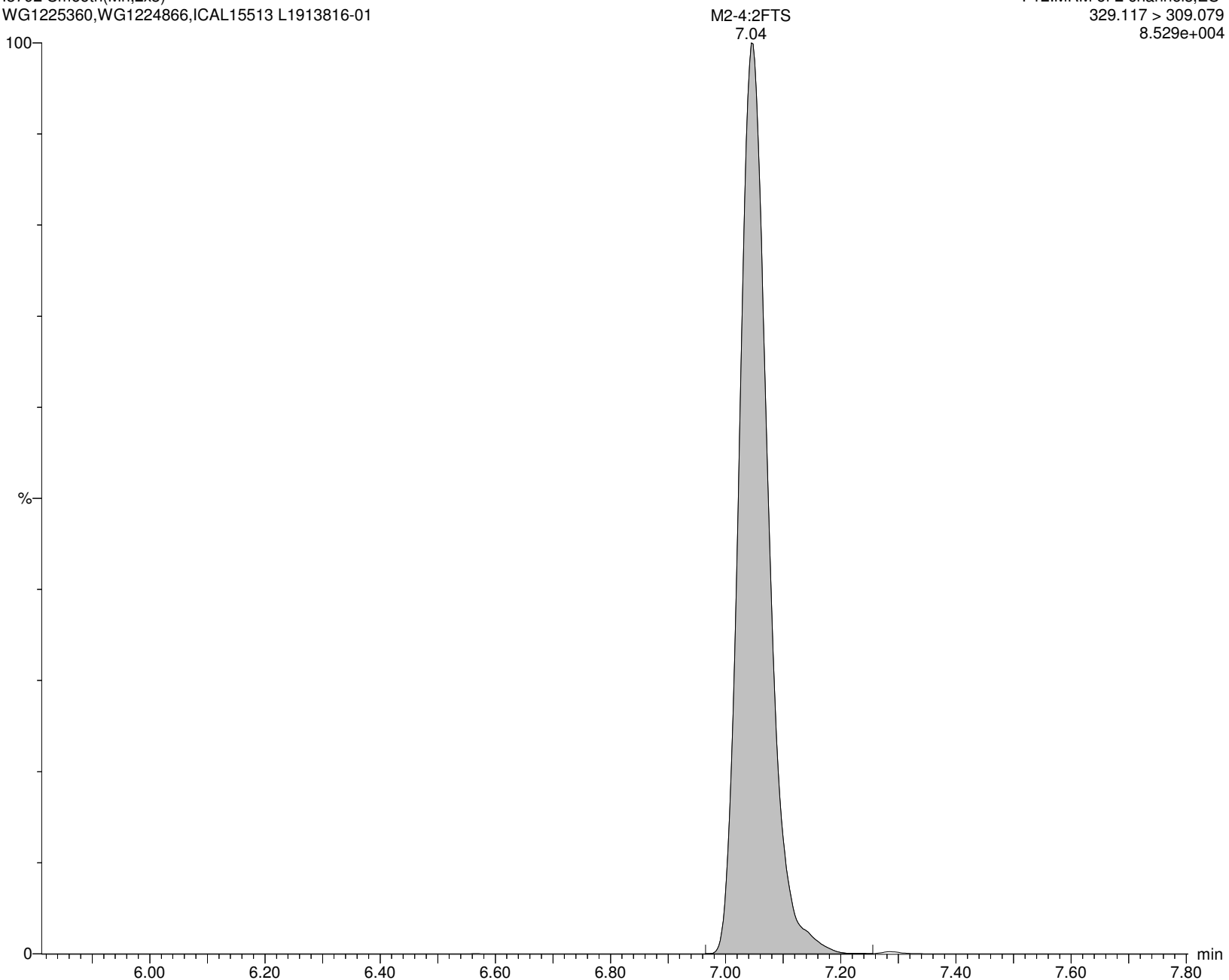
I3792 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-01

F12:MRM of 2 channels,ES-

329.117 > 309.079

8.529e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxA

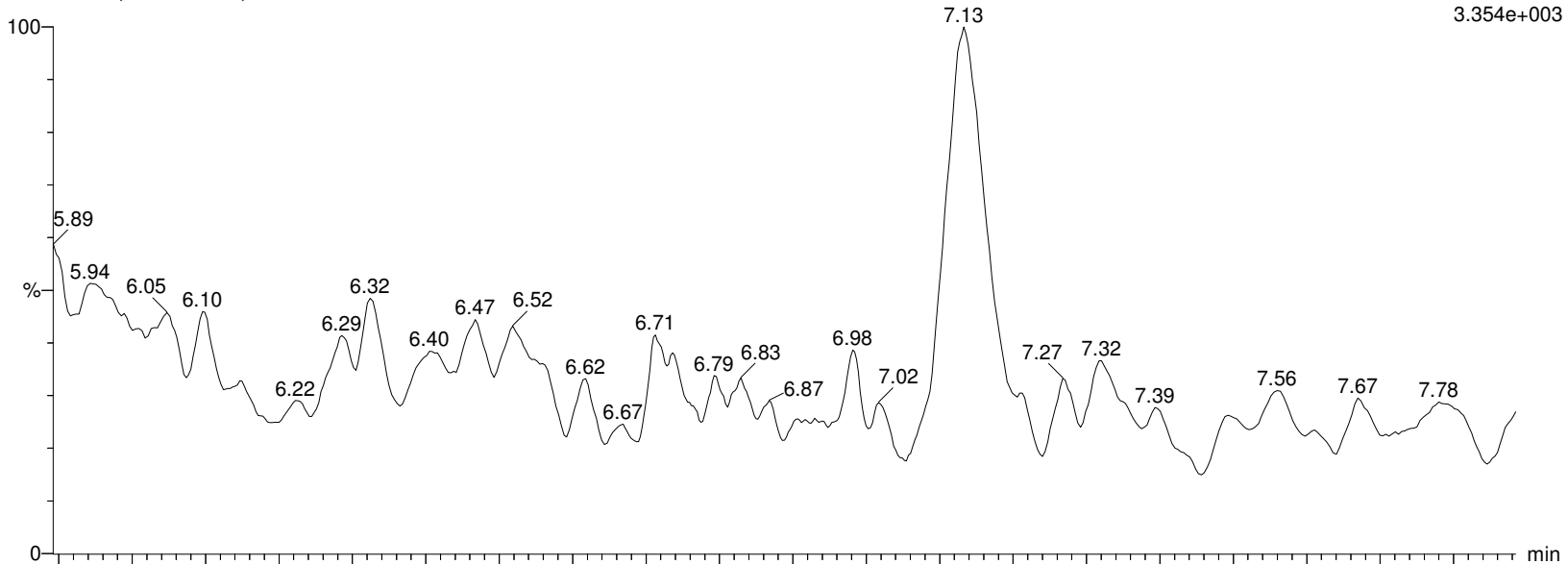
I3792 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-01

F8:MRM of 2 channels,ES-

312.989 > 269.028

3.354e+003



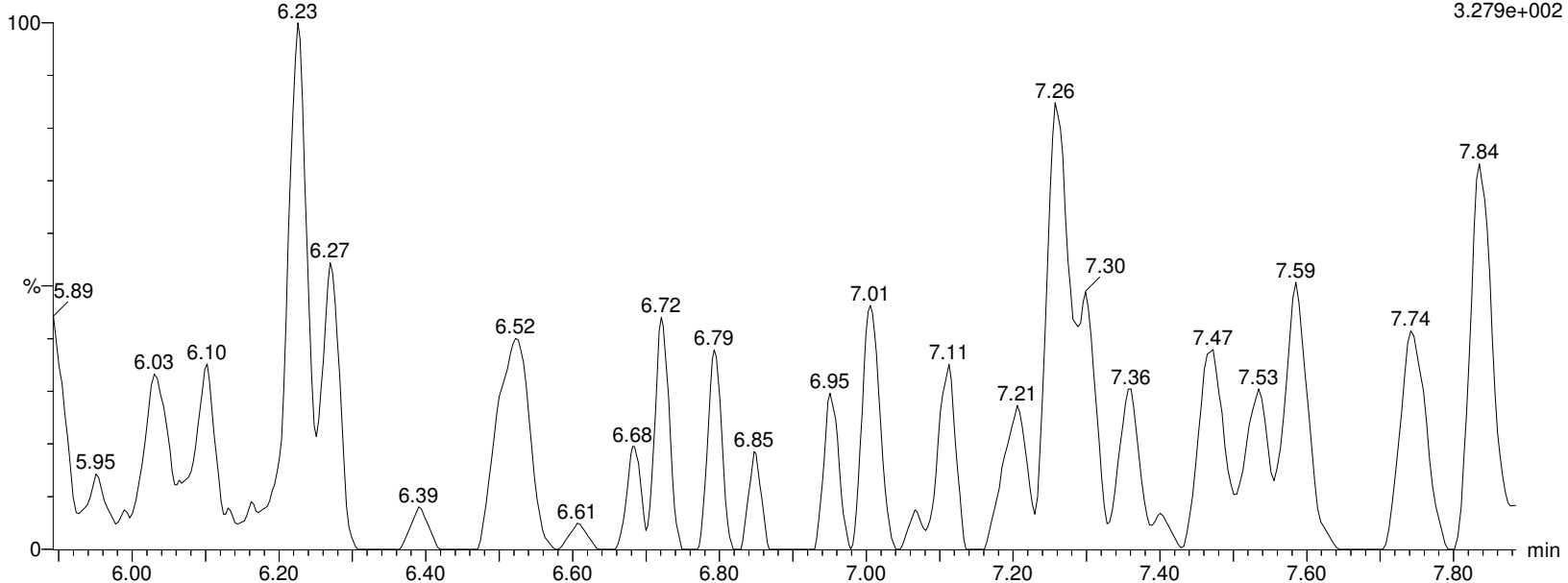
I3792 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-01

F8:MRM of 2 channels,ES-

312.989 > 119.18

3.279e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFHxA

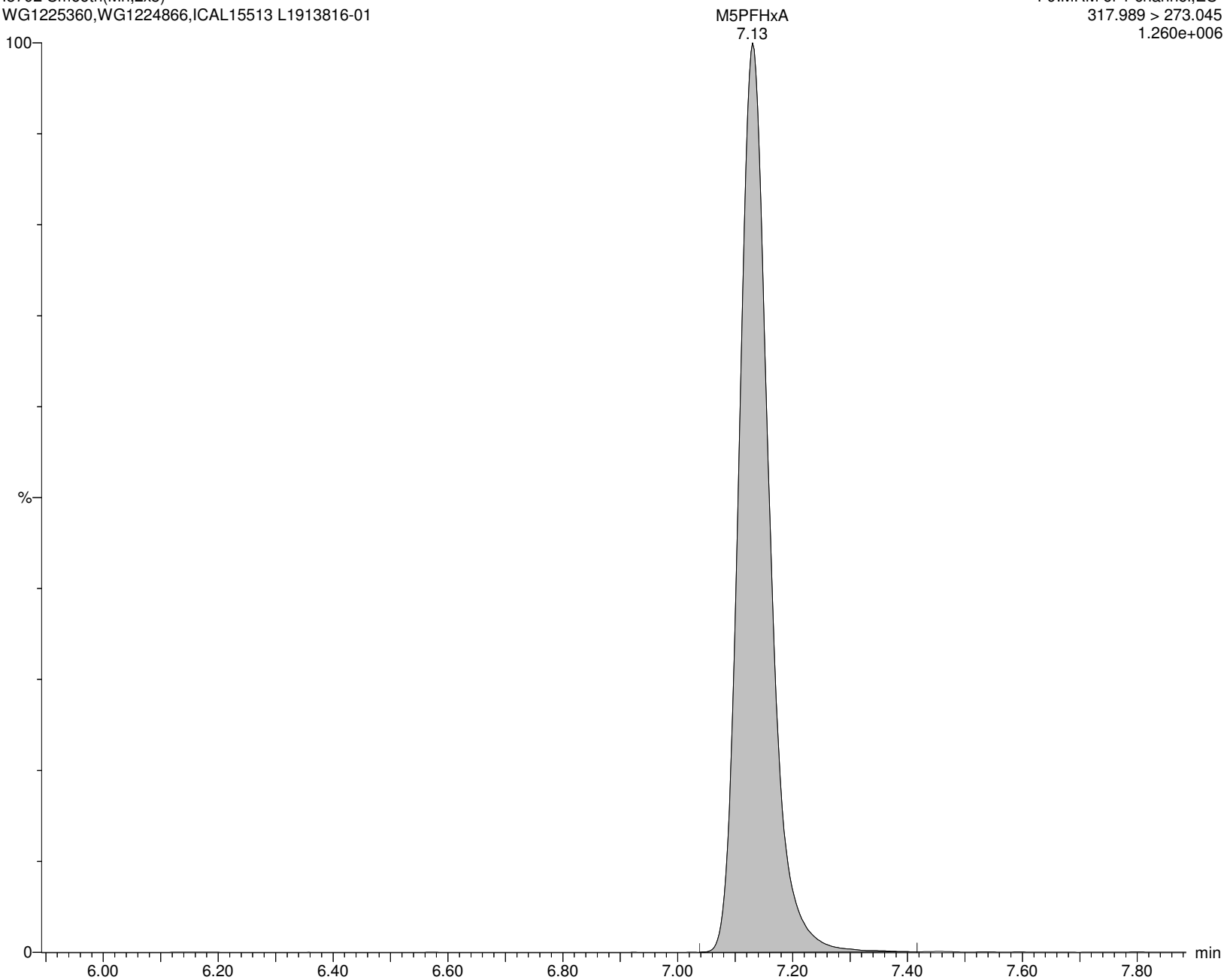
I3792 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-01

F9:MRM of 1 channel,ES-

317.989 > 273.045

1.260e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeS

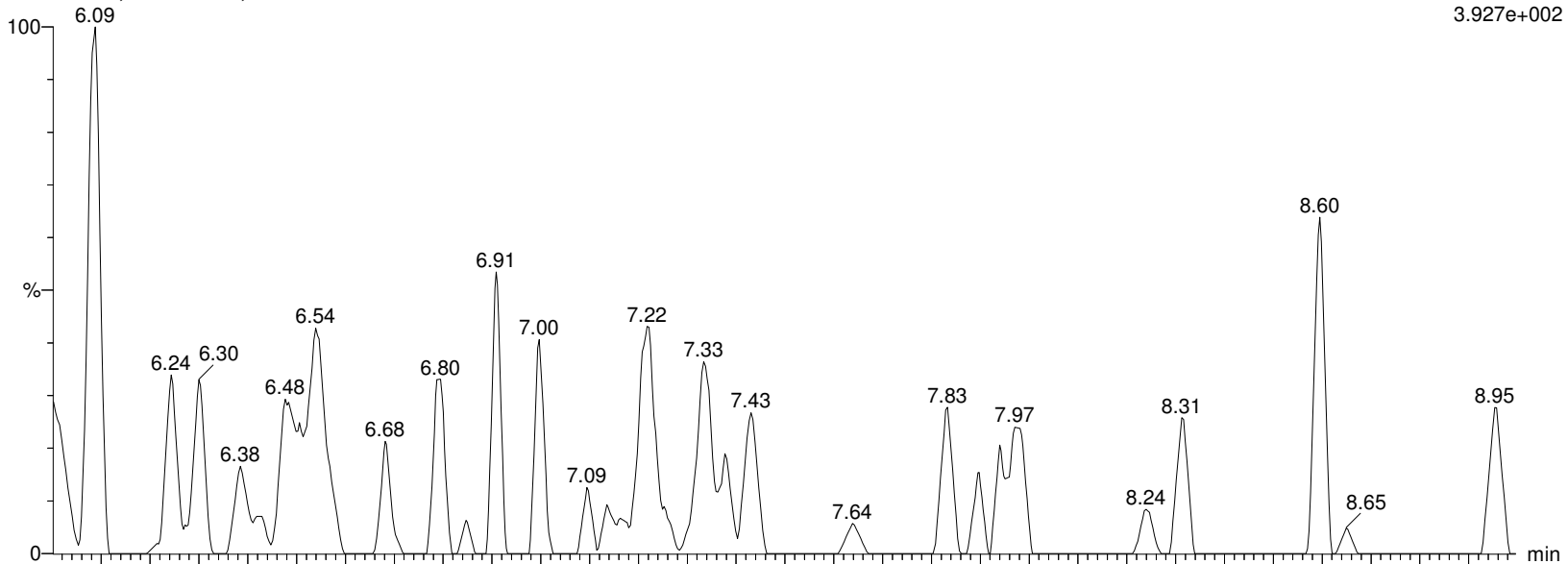
I3792 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 L1913816-01

F14:MRM of 2 channels, ES-

348.926 > 80.251

3.927e+002



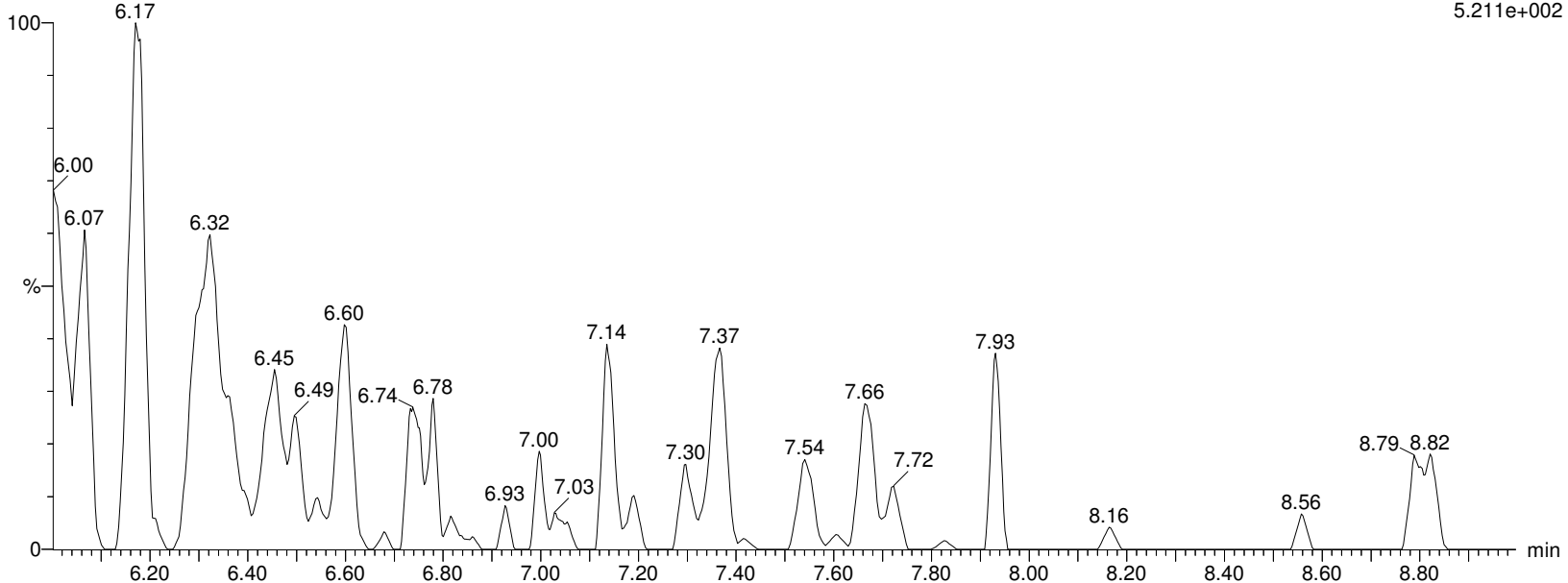
I3792 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 L1913816-01

F14:MRM of 2 channels, ES-

348.926 > 99.16

5.211e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpA

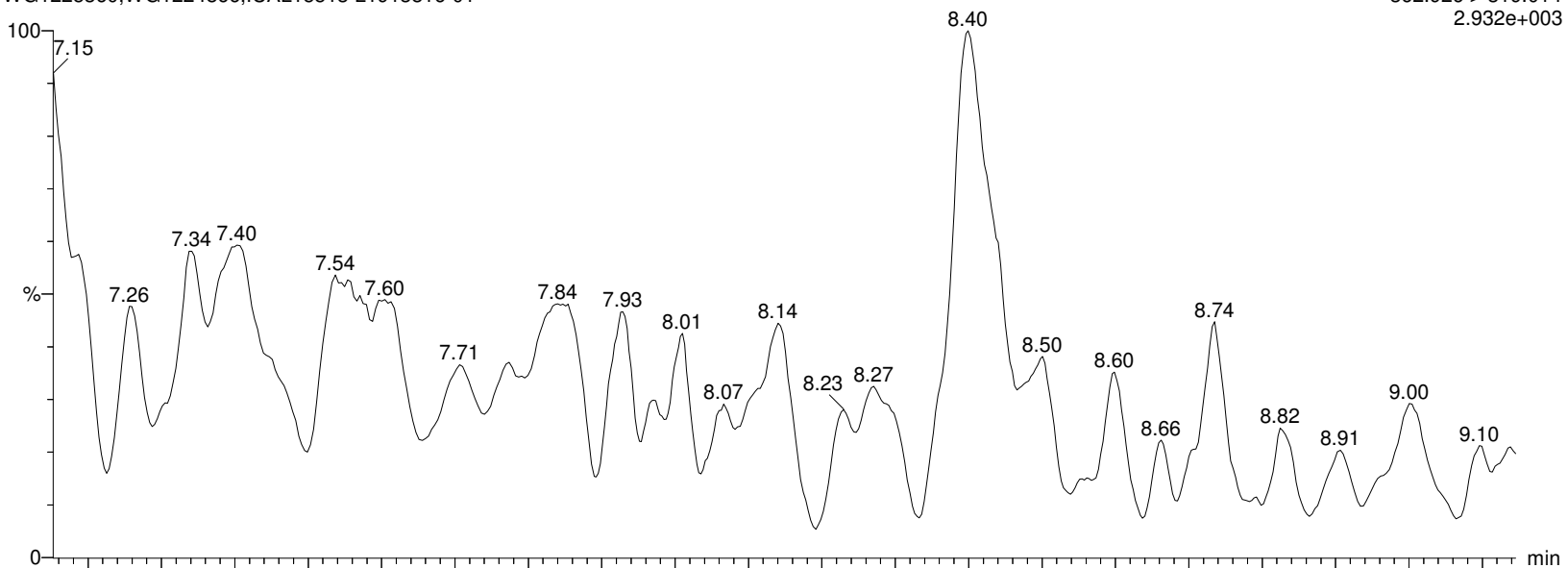
I3792 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-01

F15:MRM of 2 channels,ES-

362.926 > 319.014

2.932e+003



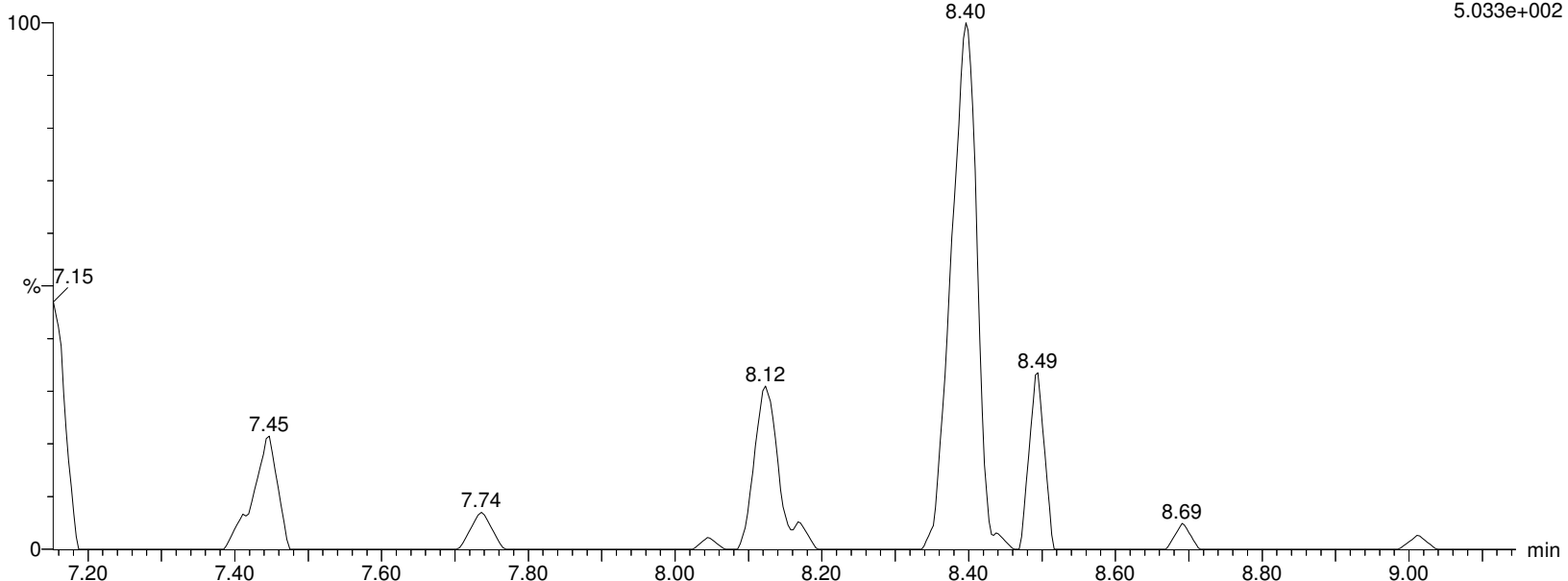
I3792 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-01

F15:MRM of 2 channels,ES-

362.926 > 169.12

5.033e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFHpA

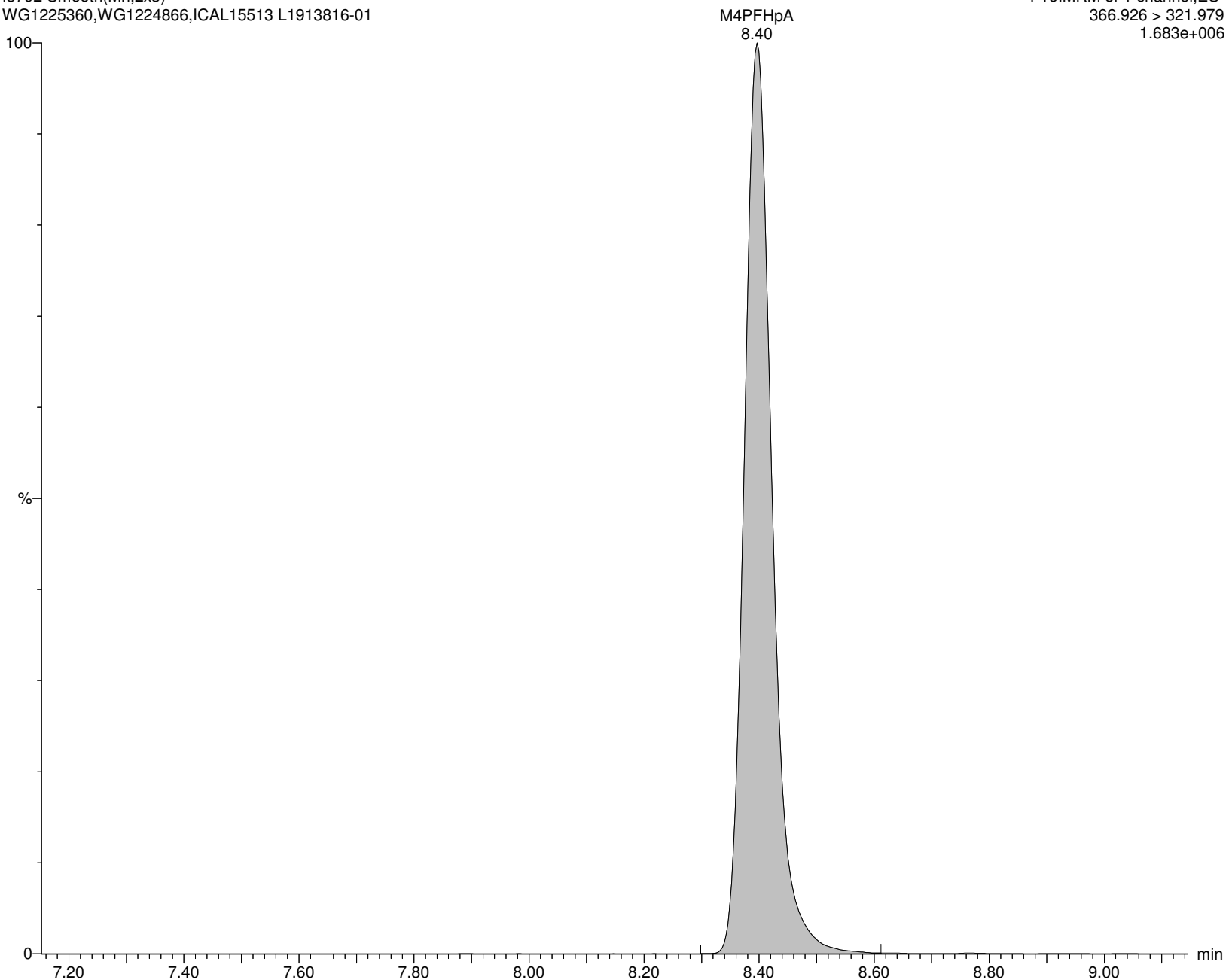
I3792 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-01

F16:MRM of 1 channel,ES-

366.926 > 321.979

1.683e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFHxS

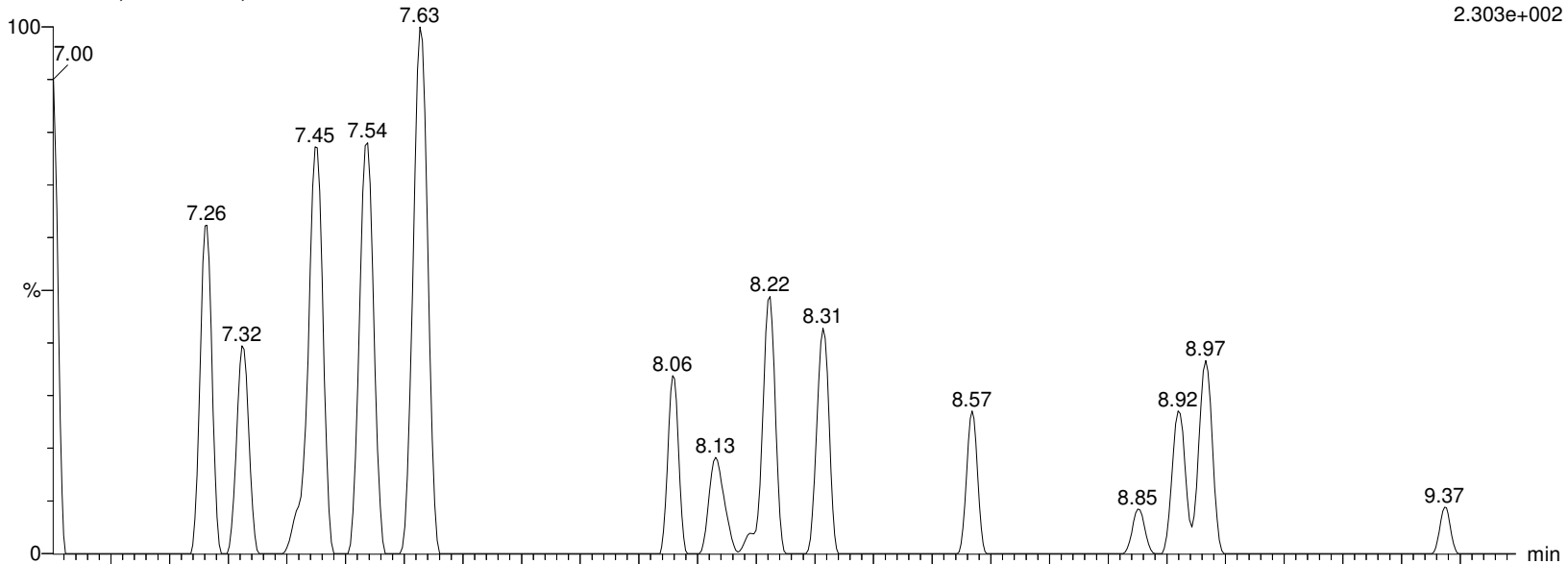
I3792 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-01

F18:MRM of 2 channels,ES-

398.926 > 80.295

2.303e+002



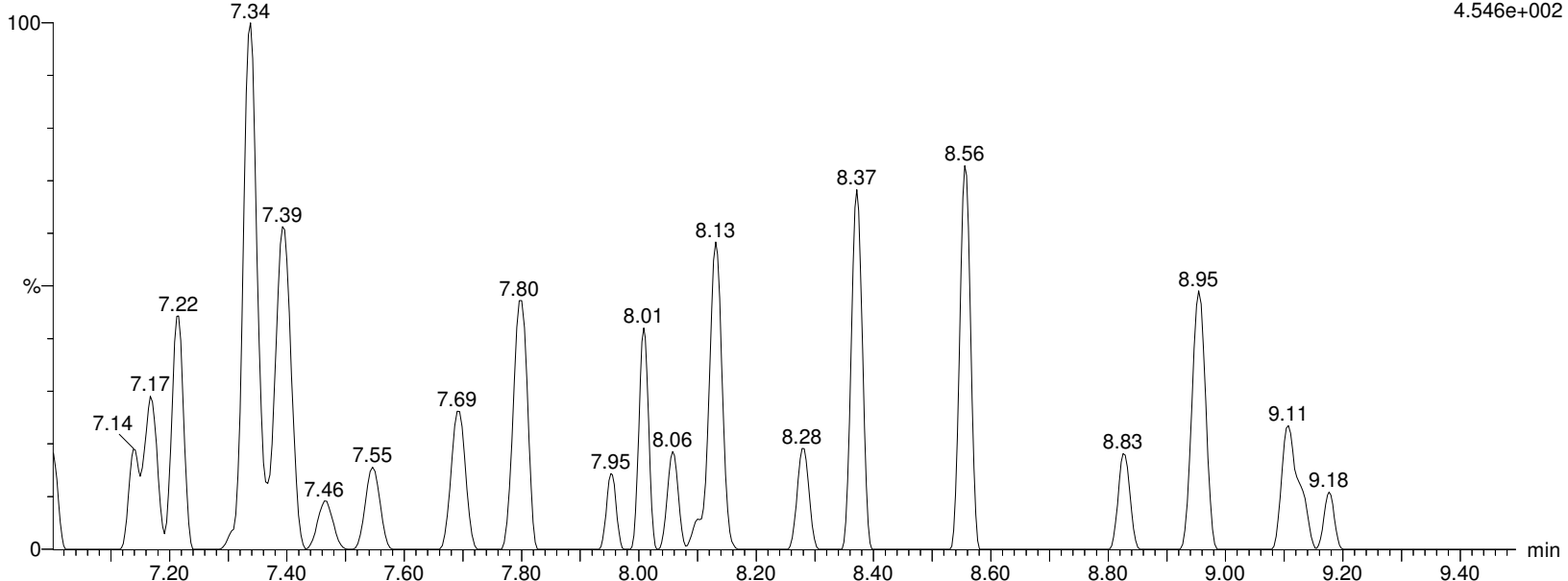
I3792 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-01

F18:MRM of 2 channels,ES-

398.926 > 99.2

4.546e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFHxS

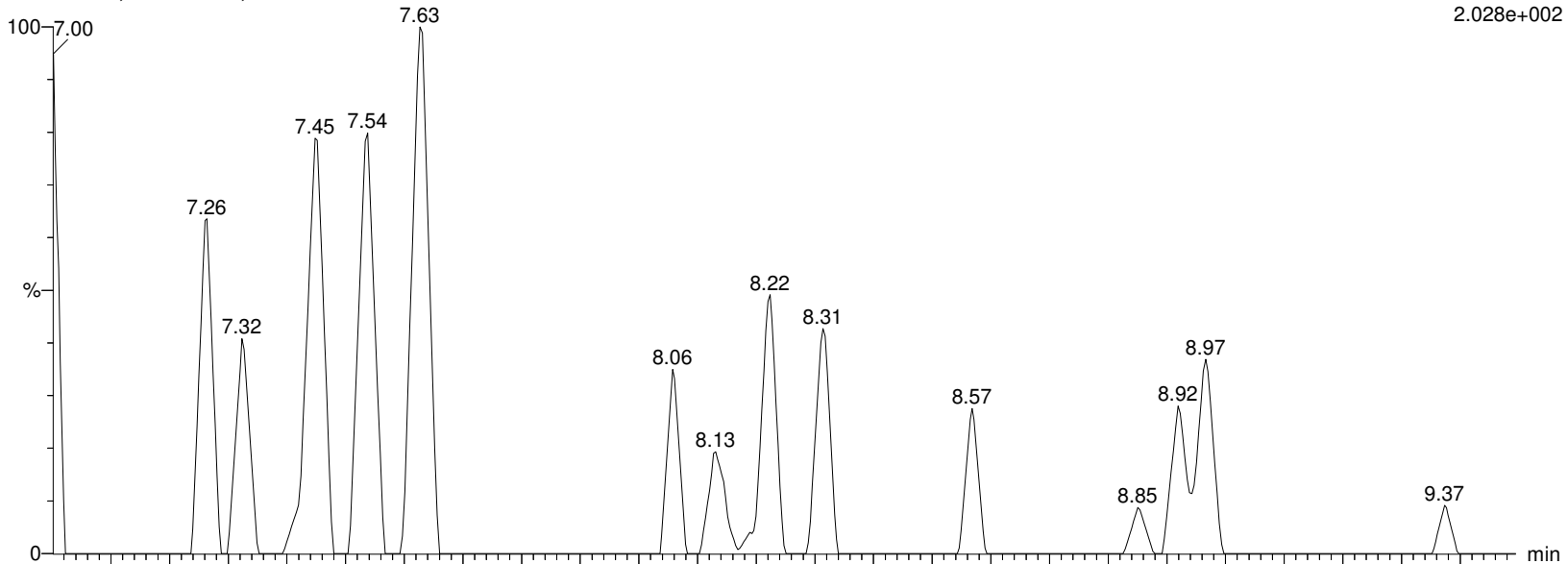
I3792 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-01

F18:MRM of 2 channels,ES-

398.926 > 80.295

2.028e+002



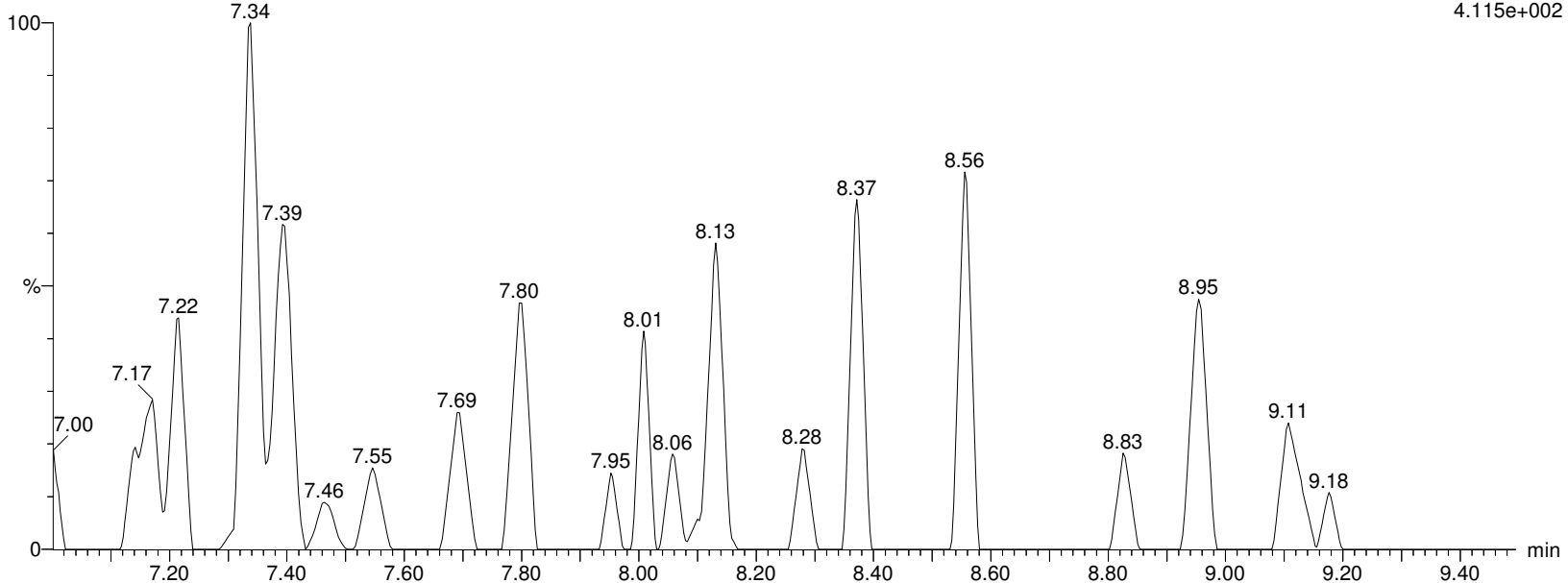
I3792 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-01

F18:MRM of 2 channels,ES-

398.926 > 99.2

4.115e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxS

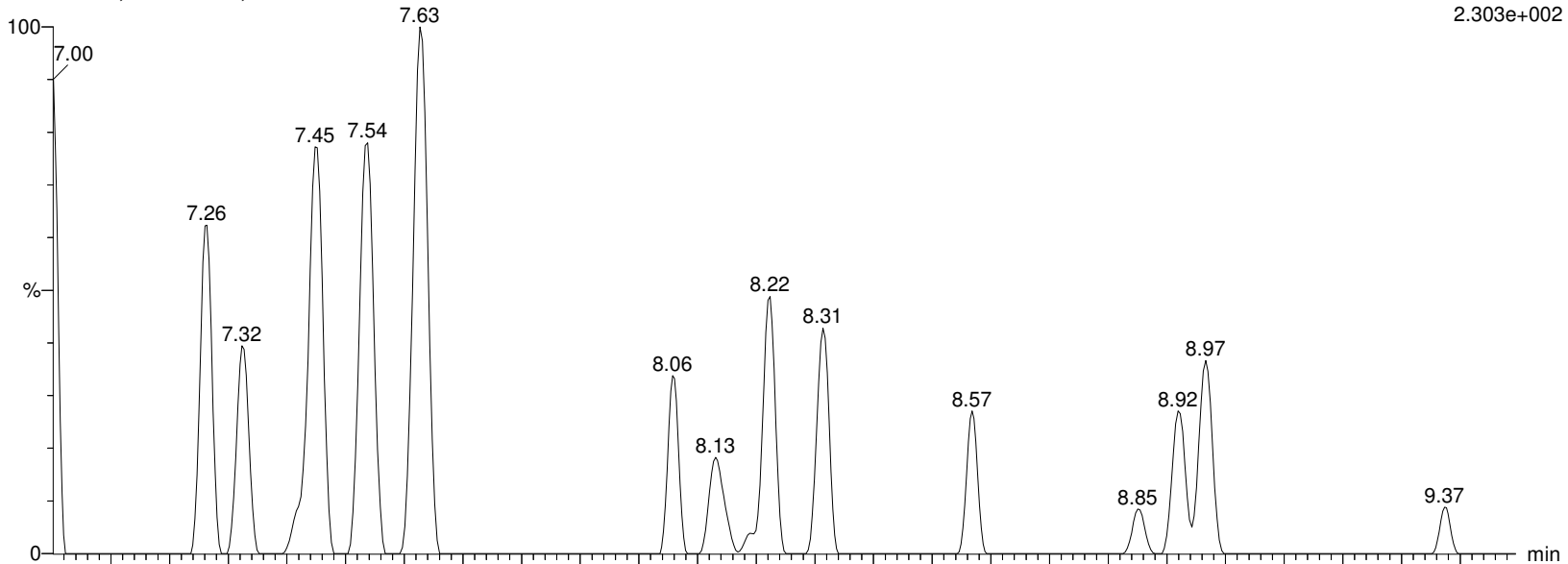
I3792 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-01

F18:MRM of 2 channels,ES-

398.926 > 80.295

2.303e+002



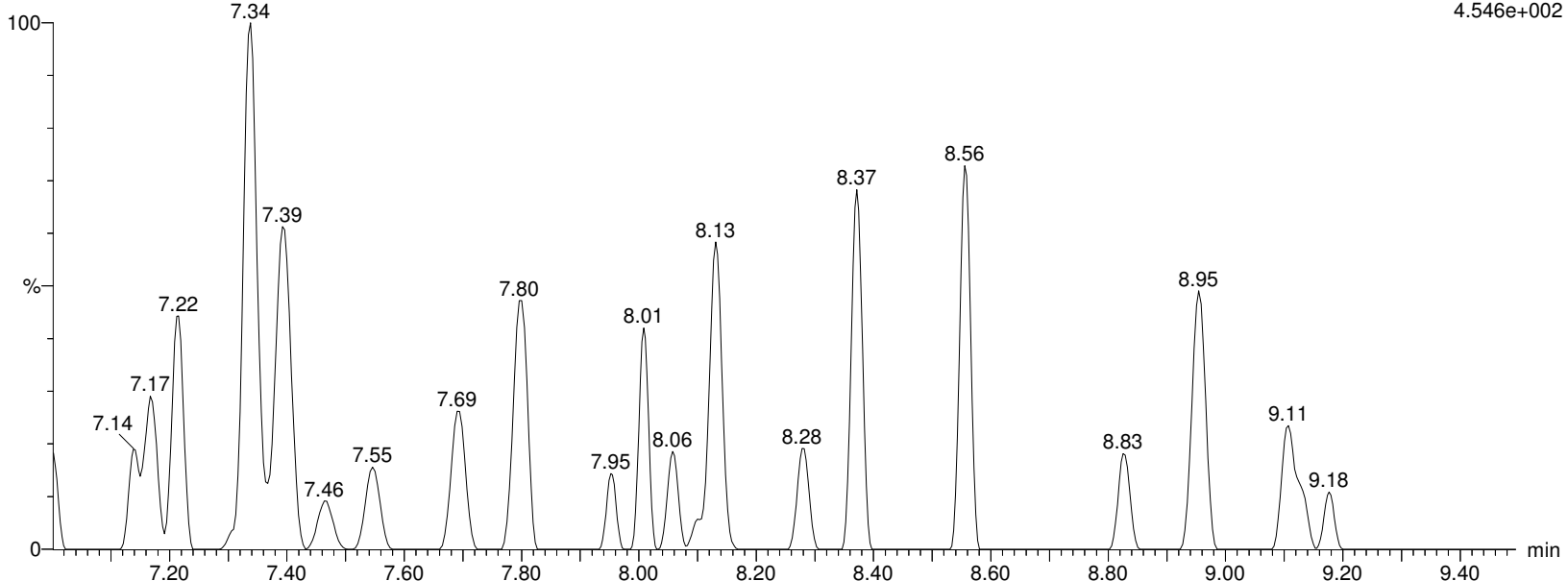
I3792 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-01

F18:MRM of 2 channels,ES-

398.926 > 99.2

4.546e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFHxS

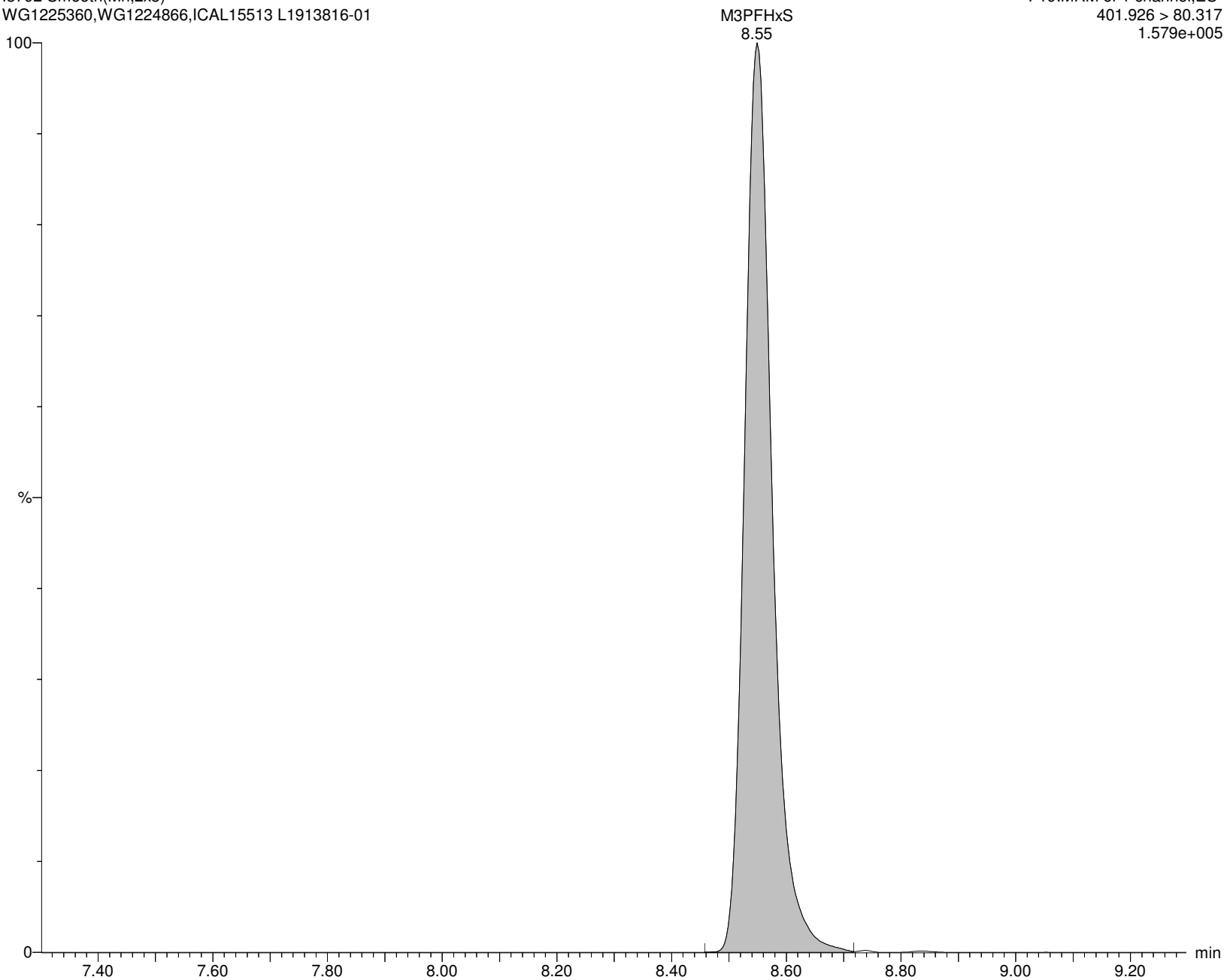
I3792 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-01

F19:MRM of 1 channel,ES-

401.926 > 80.317

1.579e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOA

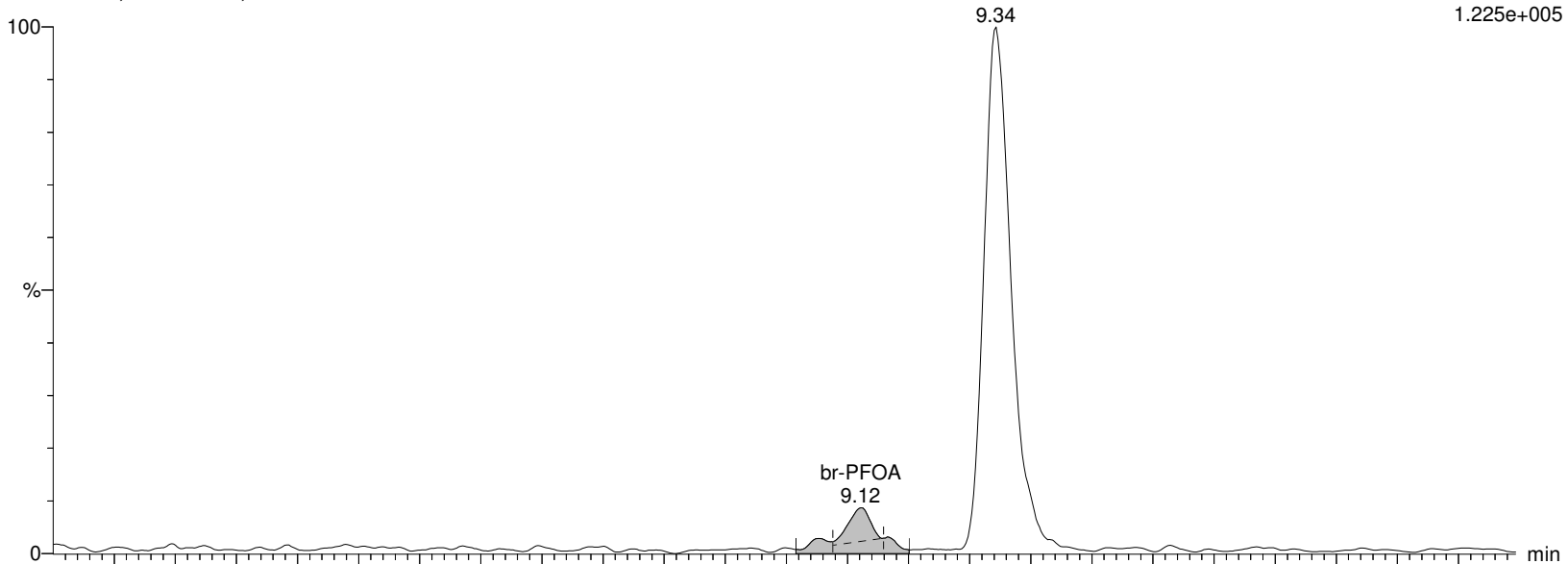
I3792 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-01

F20:MRM of 2 channels,ES-

412.989 > 368.9

1.225e+005



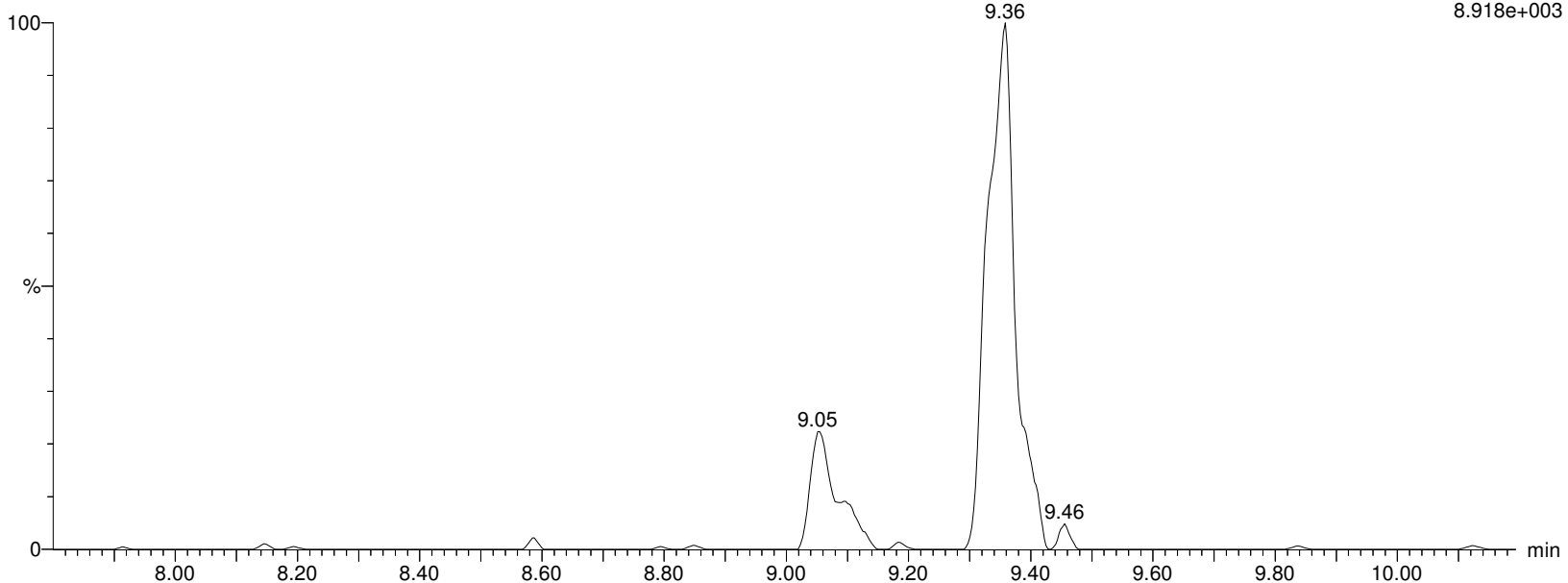
I3792 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-01

F20:MRM of 2 channels,ES-

412.989 > 219.08

8.918e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOA

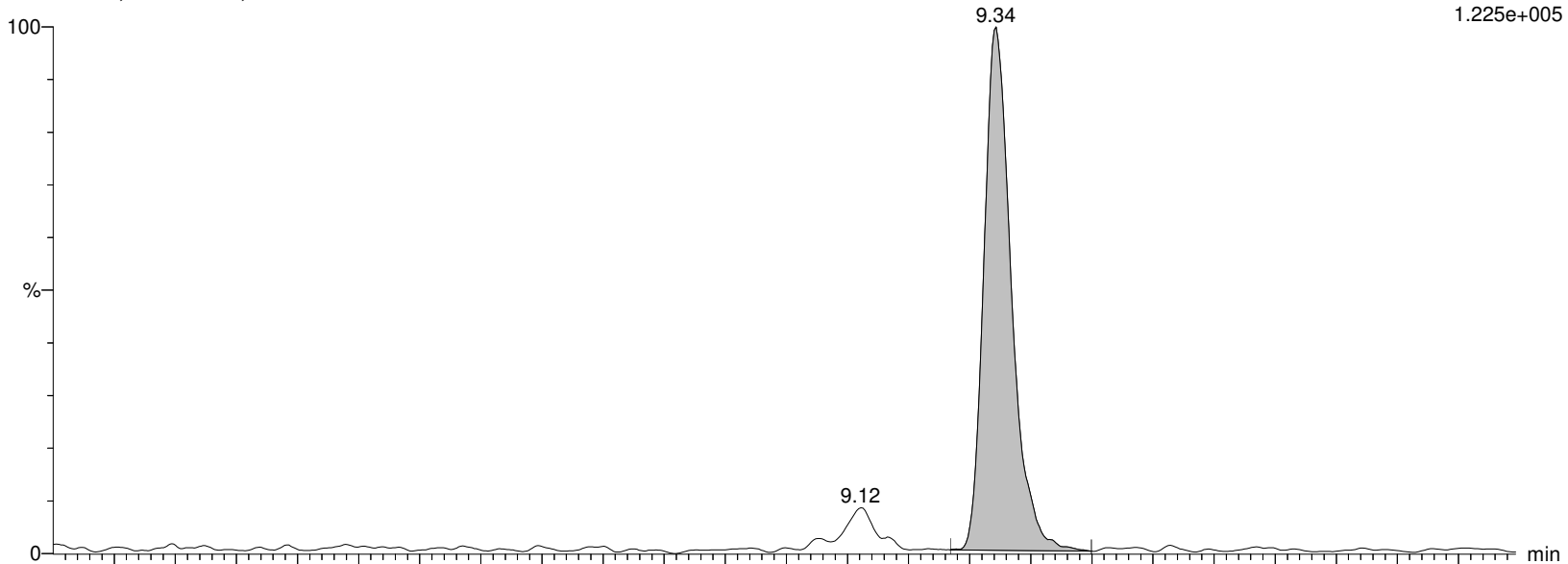
I3792 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-01

F20:MRM of 2 channels,ES-

412.989 > 368.9

1.225e+005



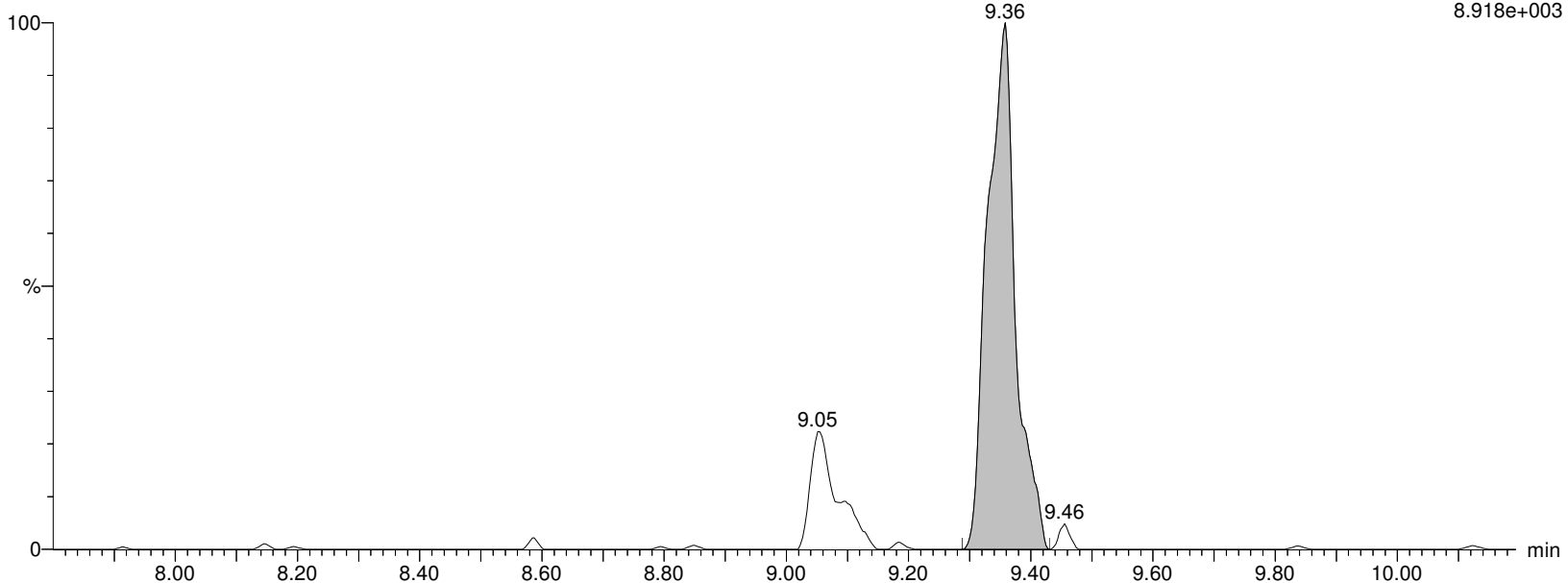
I3792 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-01

F20:MRM of 2 channels,ES-

412.989 > 219.08

8.918e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFOA

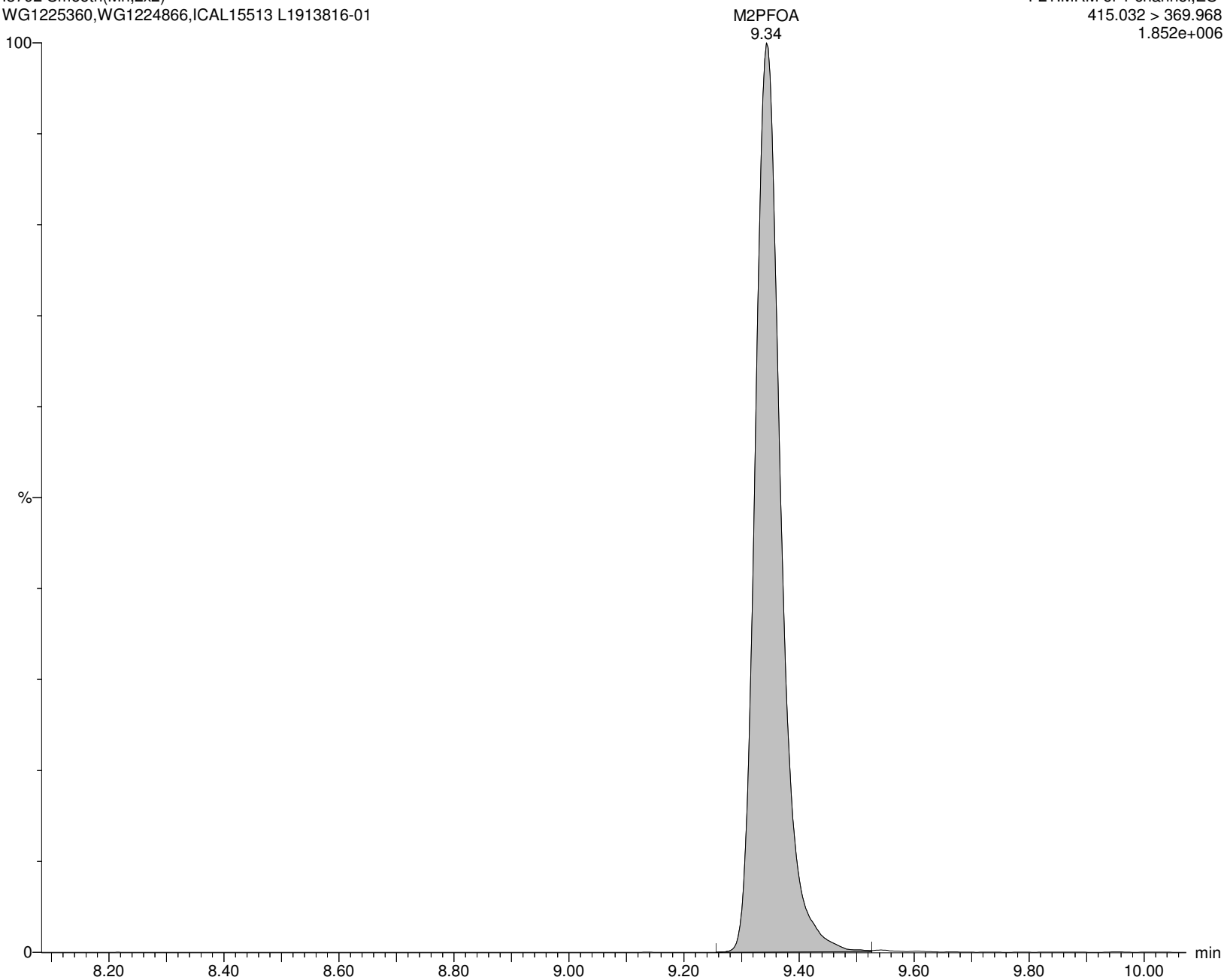
I3792 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-01

F21:MRM of 1 channel,ES-

415.032 > 369.968

1.852e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOA

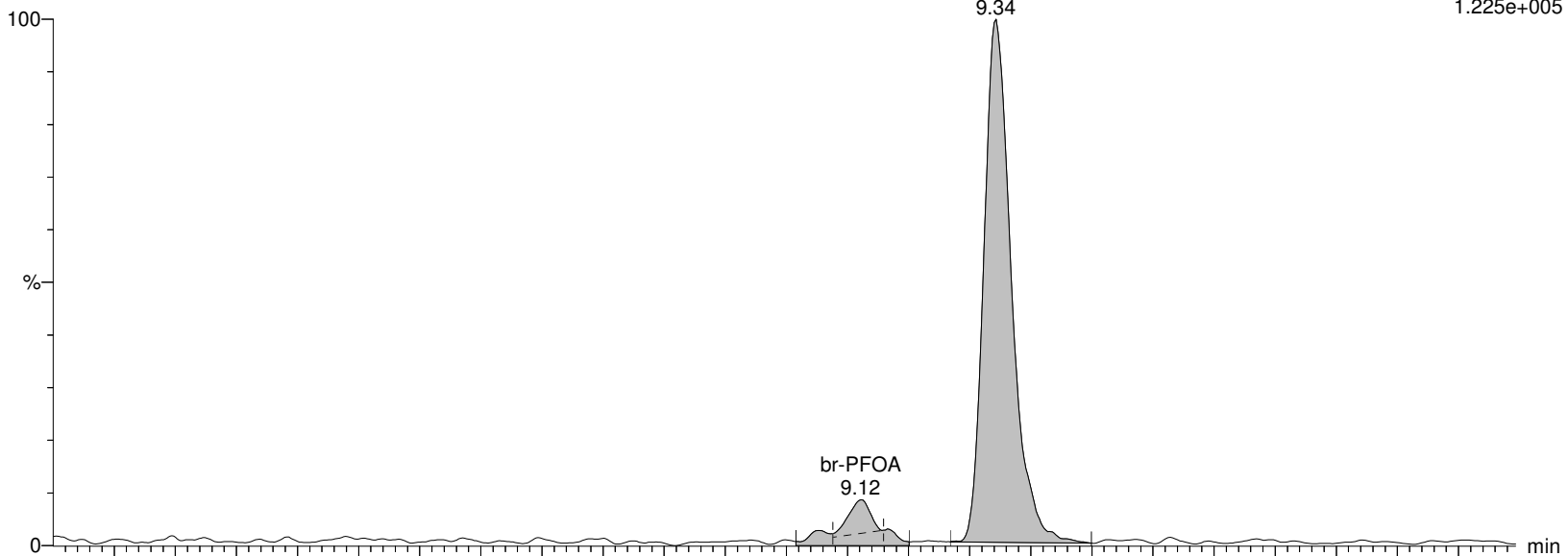
I3792 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-01

F20:MRM of 2 channels,ES-

412.989 > 368.9

1.225e+005



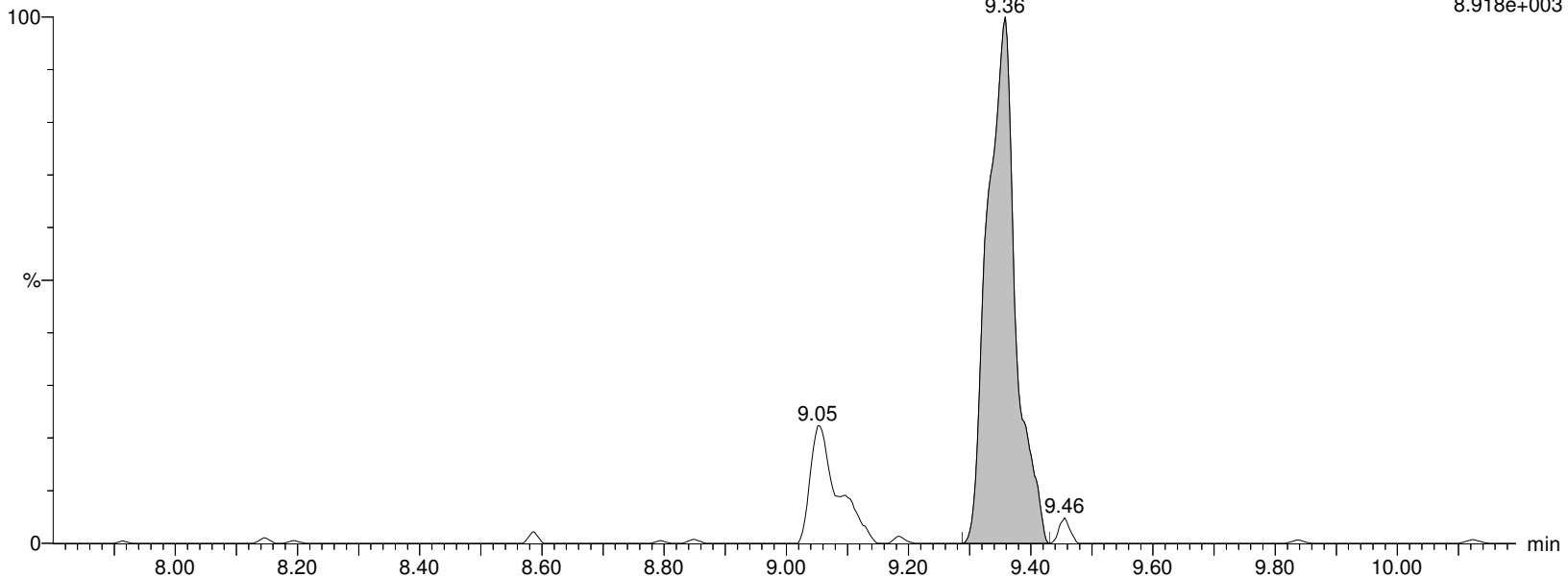
I3792 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-01

F20:MRM of 2 channels,ES-

412.989 > 219.08

8.918e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOA

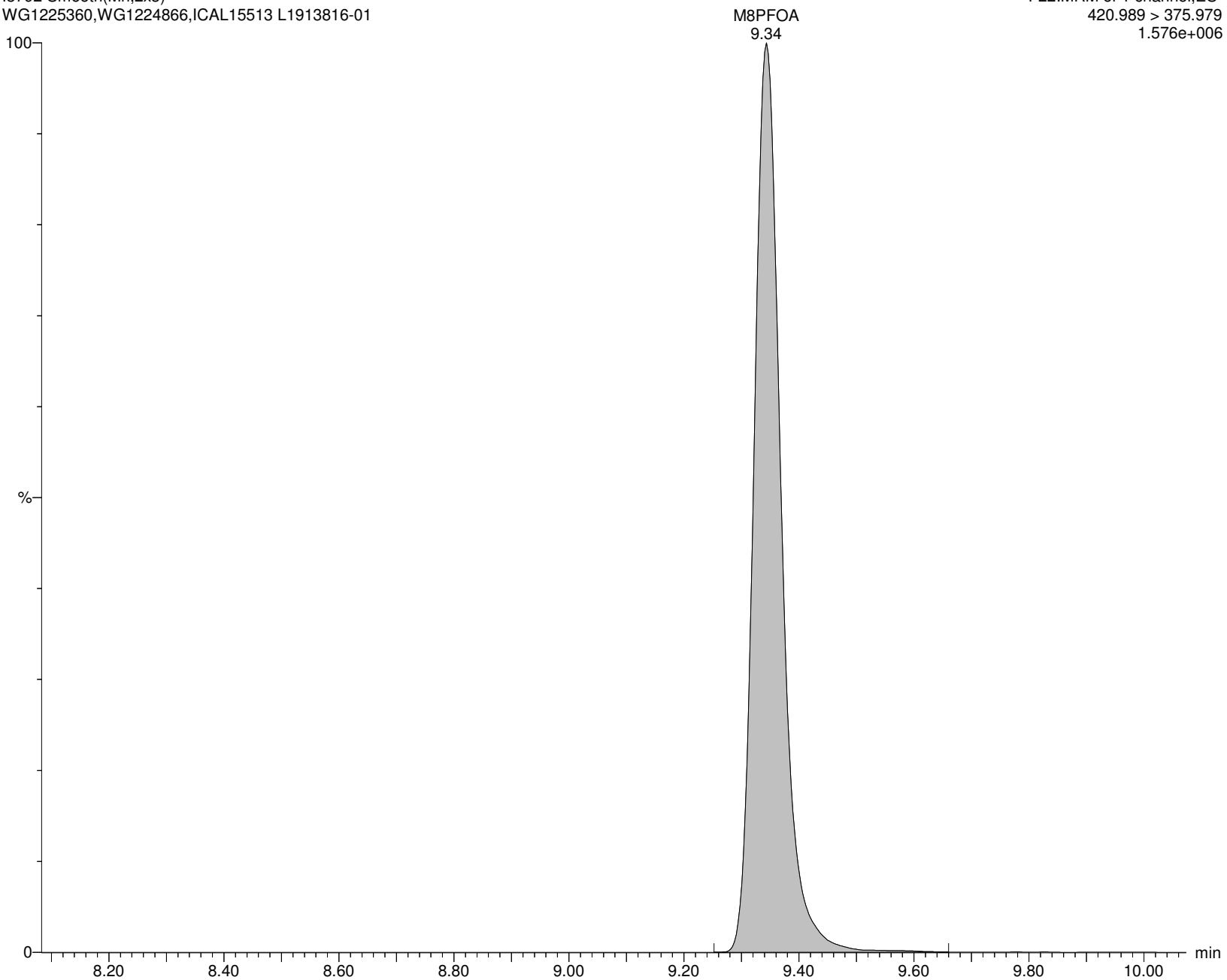
I3792 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-01

F22:MRM of 1 channel,ES-

420.989 > 375.979

1.576e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

6:2FTS

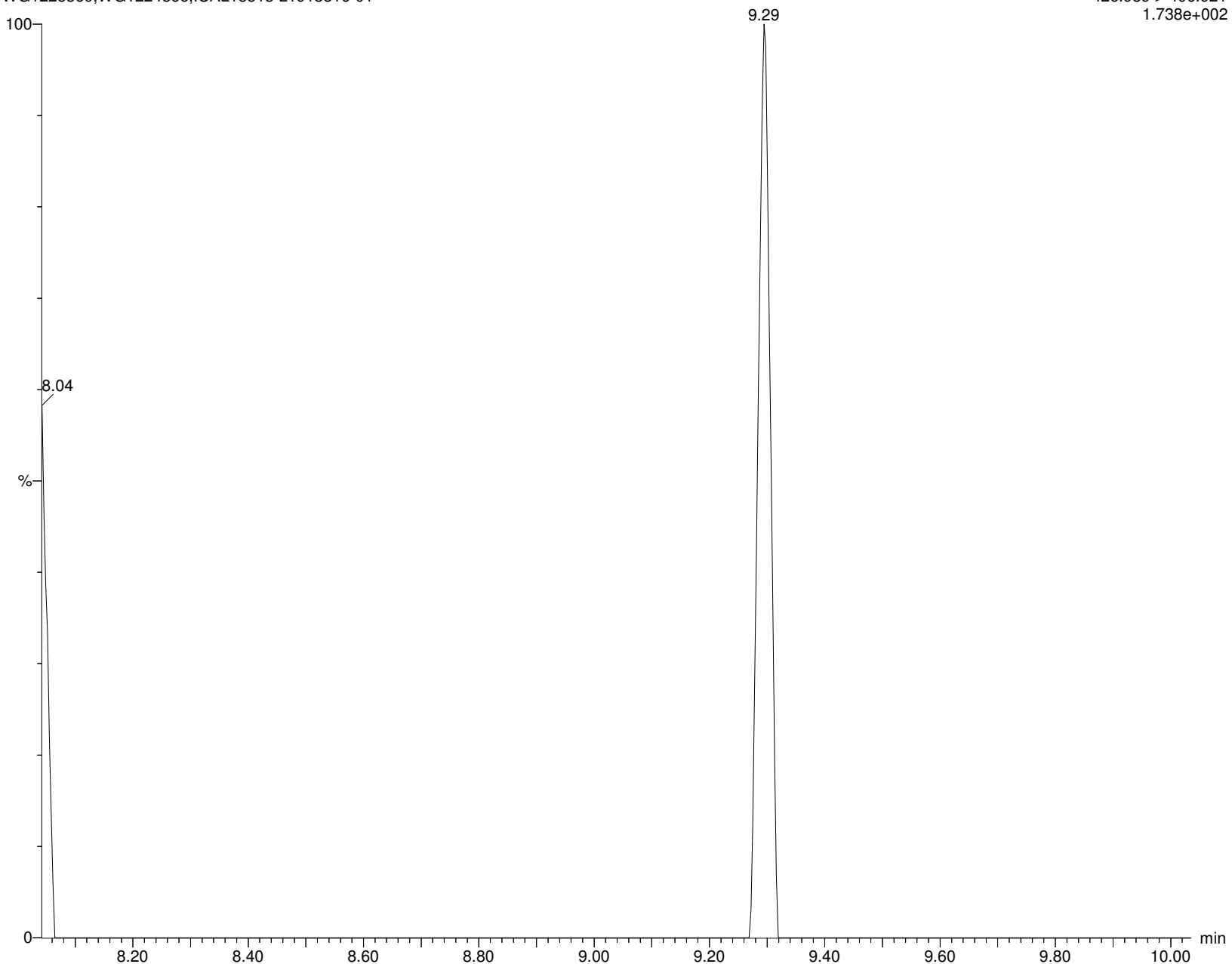
I3792 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 L1913816-01

F23:MRM of 2 channels, ES-

426.989 > 406.921

1.738e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-6:2FTS

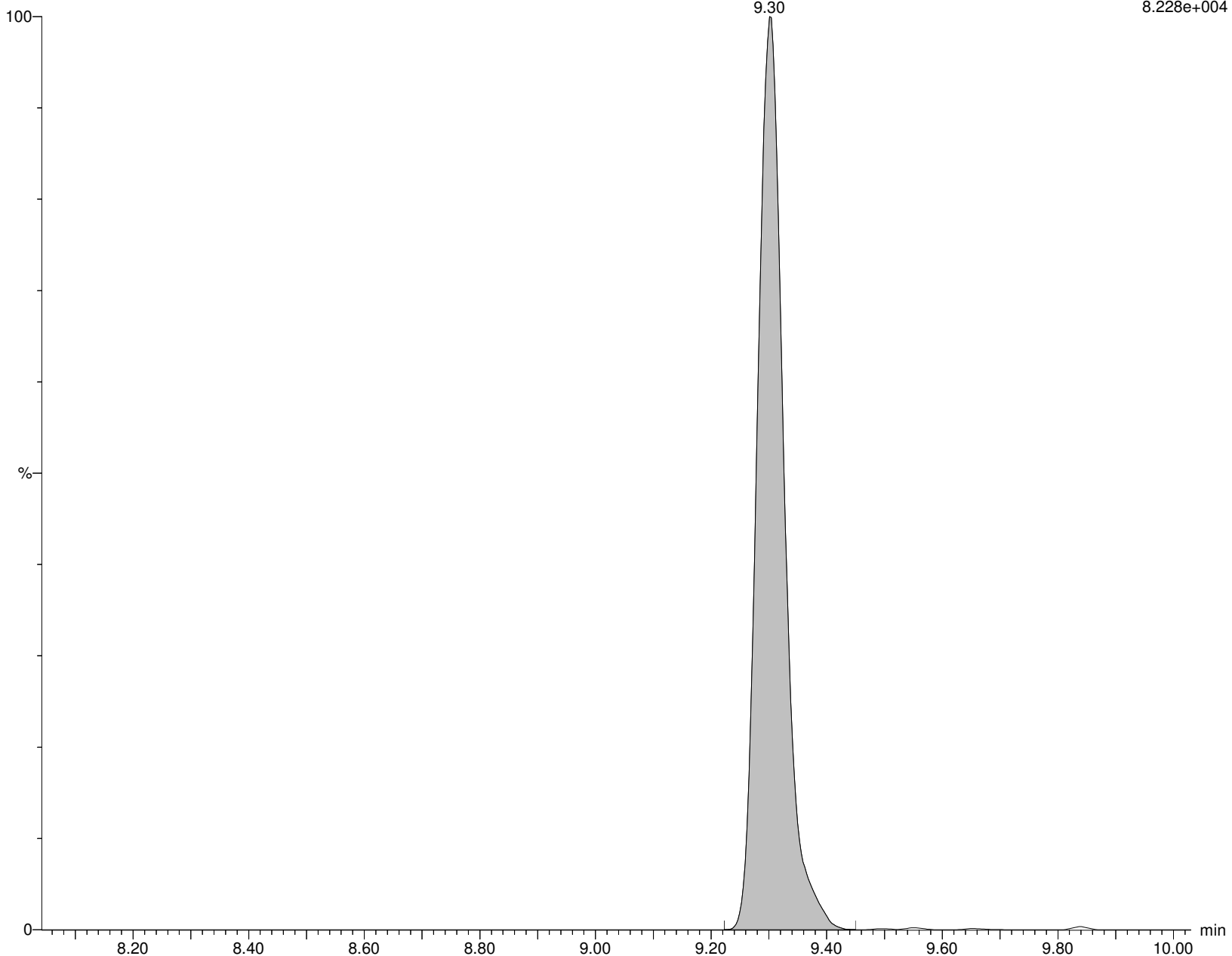
I3792 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-01

F24:MRM of 1 channel,ES-

428.989 > 408.917

8.228e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpS

I3792 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-01

F25:MRM of 2 channels,ES-

448.926 > 80.257

6.203e+001



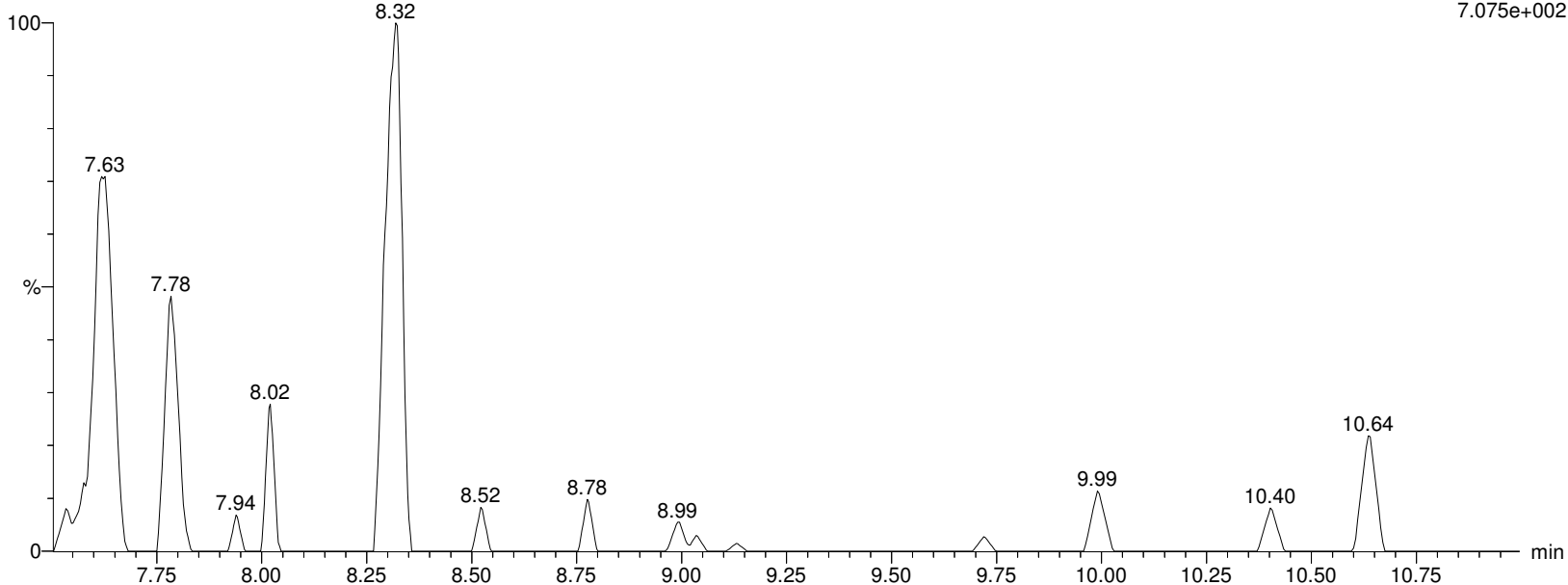
I3792 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-01

F25:MRM of 2 channels,ES-

448.926 > 99.22

7.075e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNA

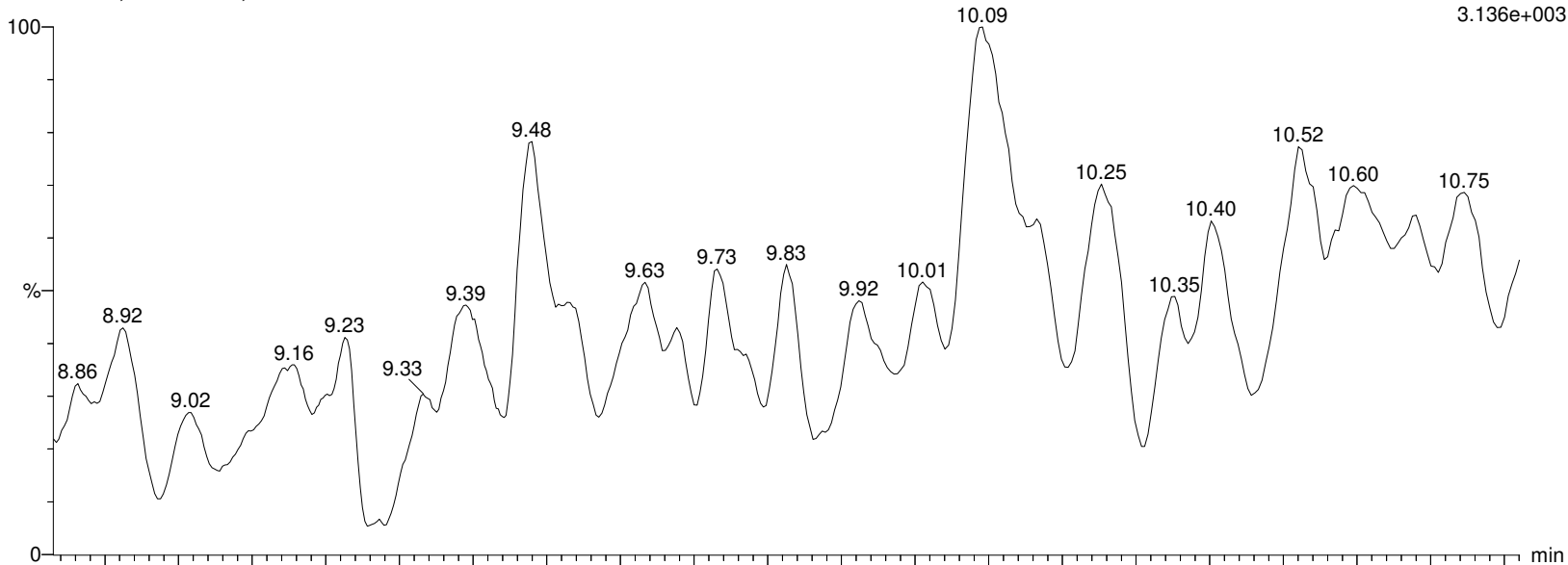
I3792 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-01

F26:MRM of 2 channels,ES-

462.989 > 418.931

3.136e+003



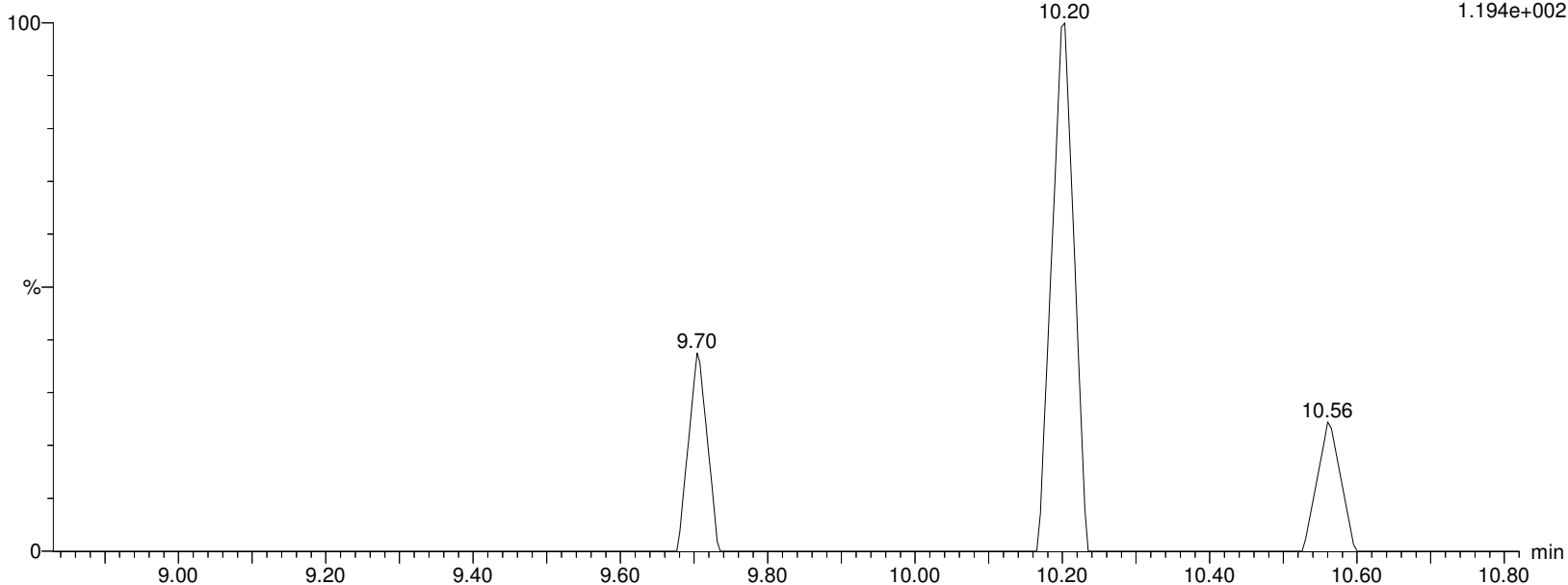
I3792 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-01

F26:MRM of 2 channels,ES-

462.989 > 219.04

1.194e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M9PFNA

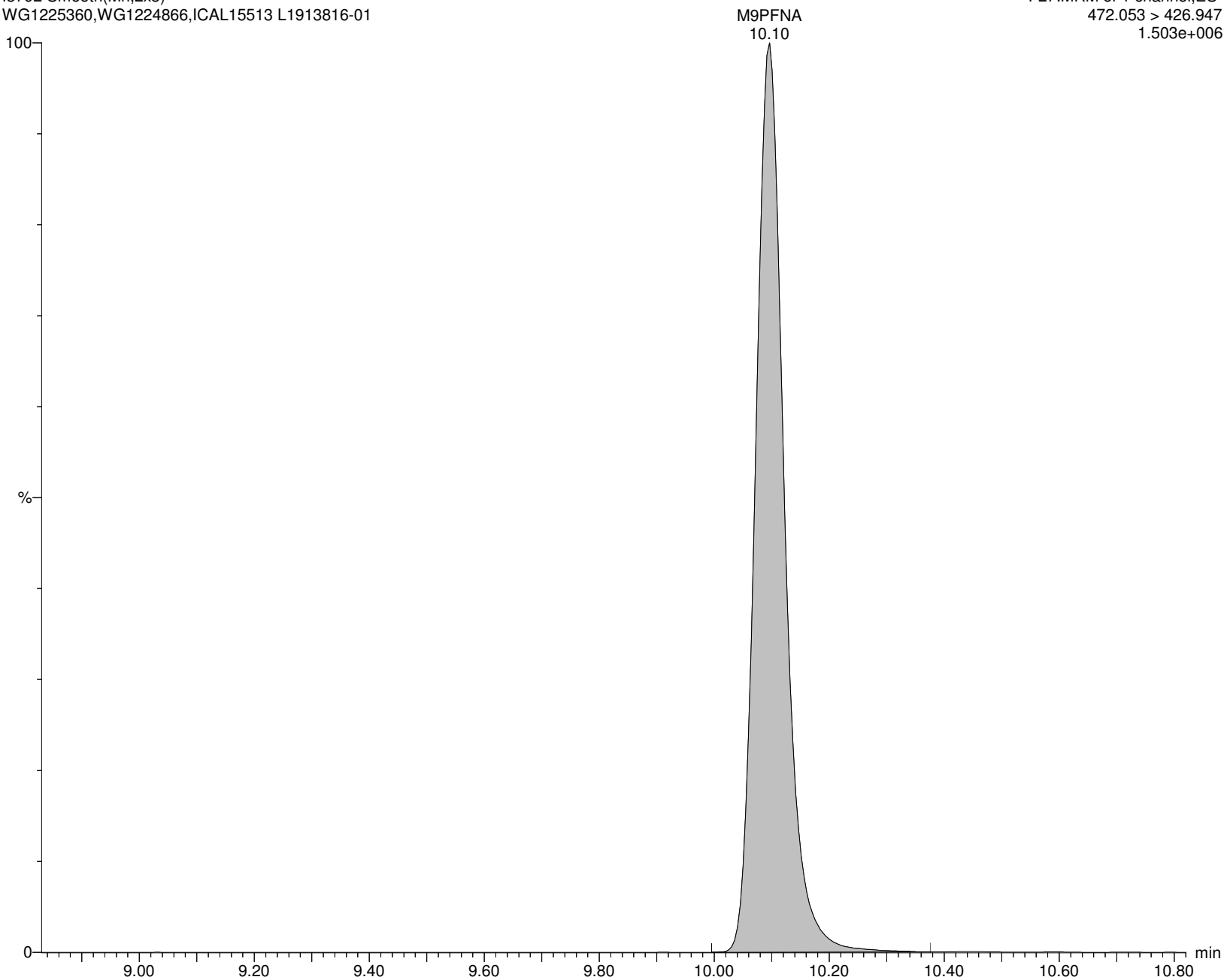
I3792 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-01

F27:MRM of 1 channel,ES-

472.053 > 426.947

1.503e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOS

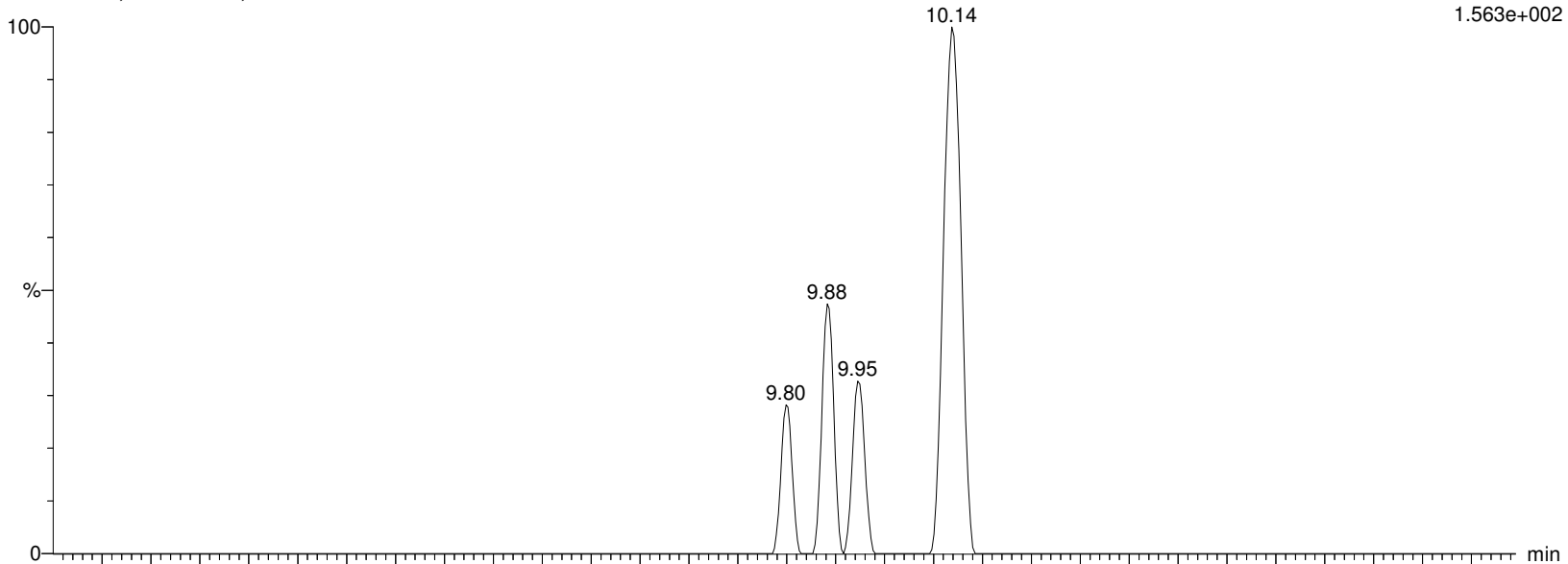
I3792 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-01

F29:MRM of 2 channels,ES-

498.989 > 80.294

1.563e+002



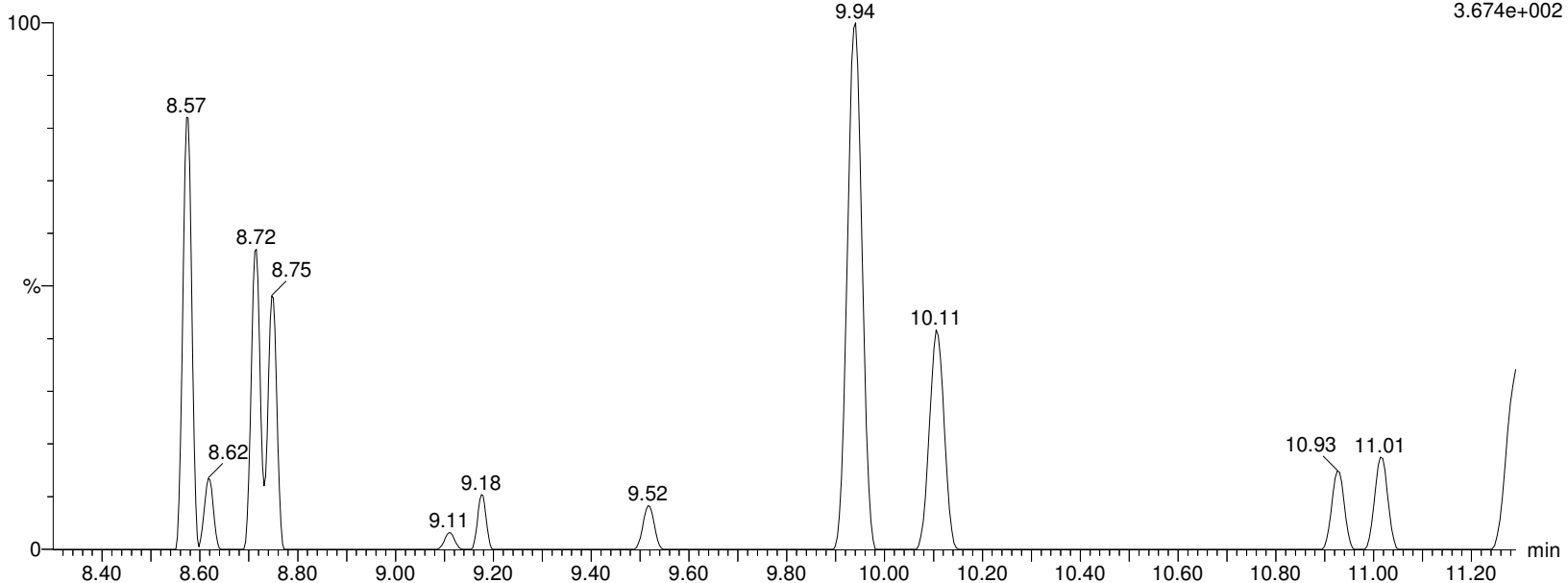
I3792 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-01

F29:MRM of 2 channels,ES-

498.989 > 99.27

3.674e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOS

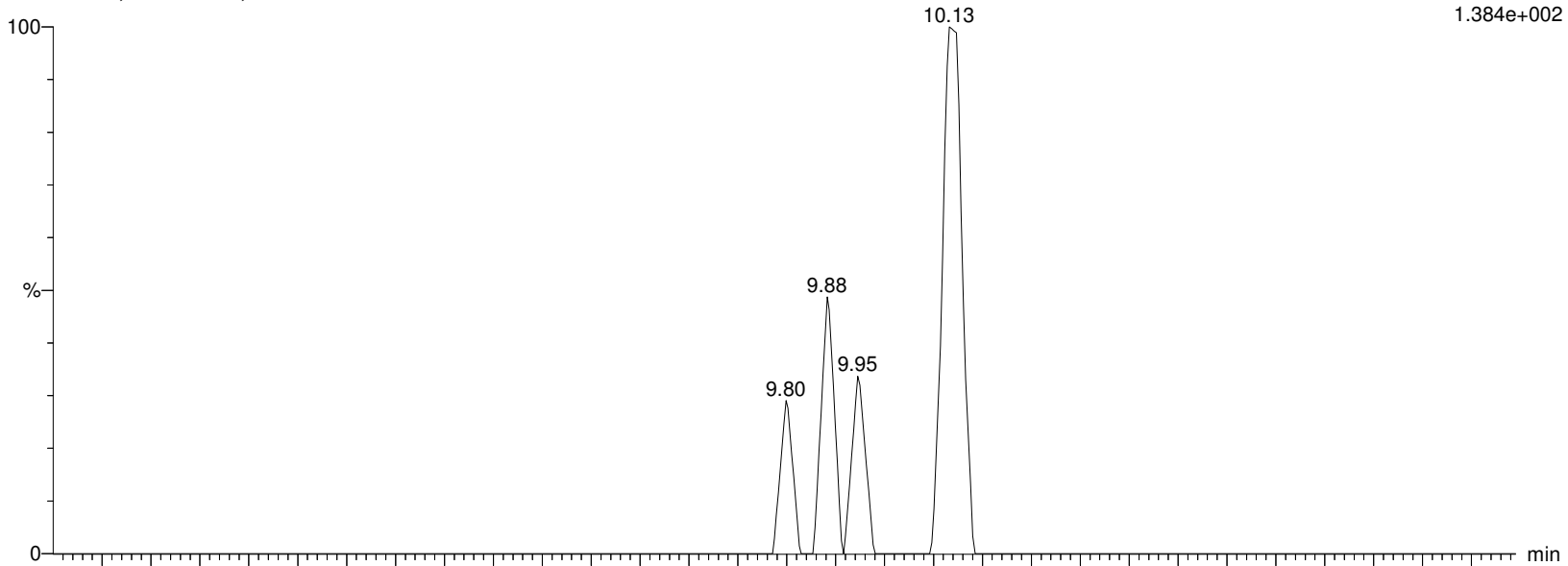
I3792 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-01

F29:MRM of 2 channels,ES-

498.989 > 80.294

1.384e+002



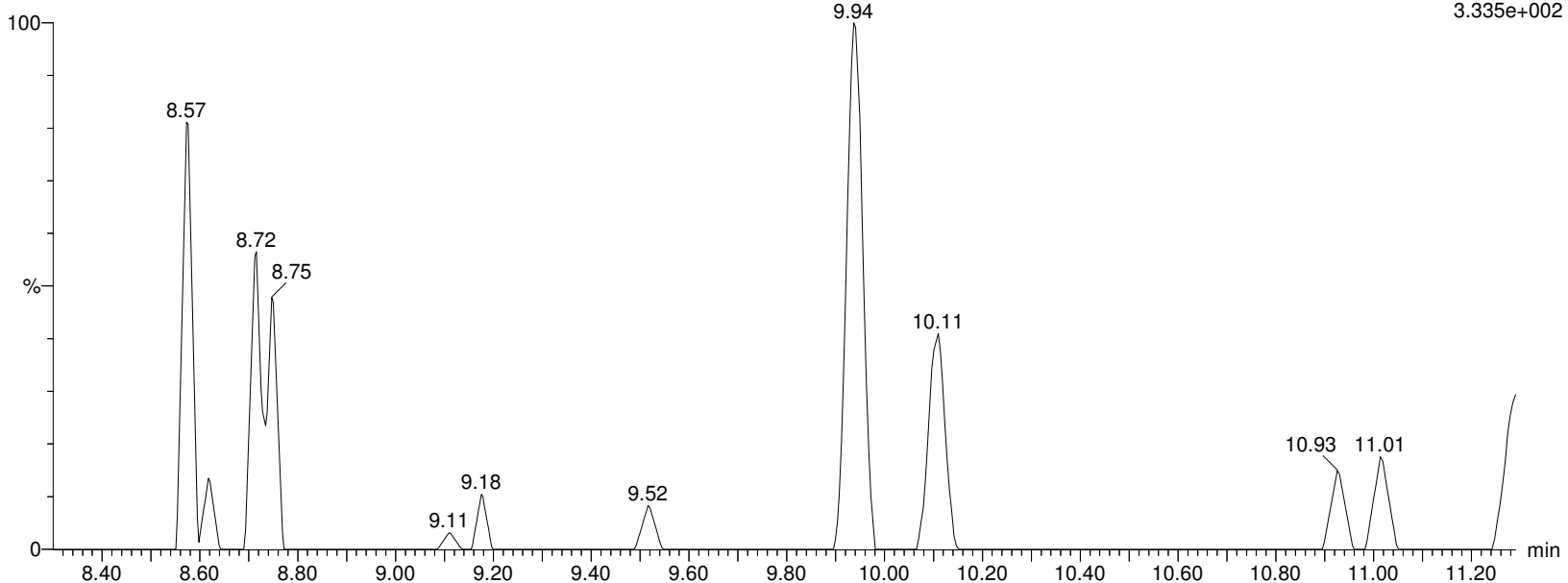
I3792 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-01

F29:MRM of 2 channels,ES-

498.989 > 99.27

3.335e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOS

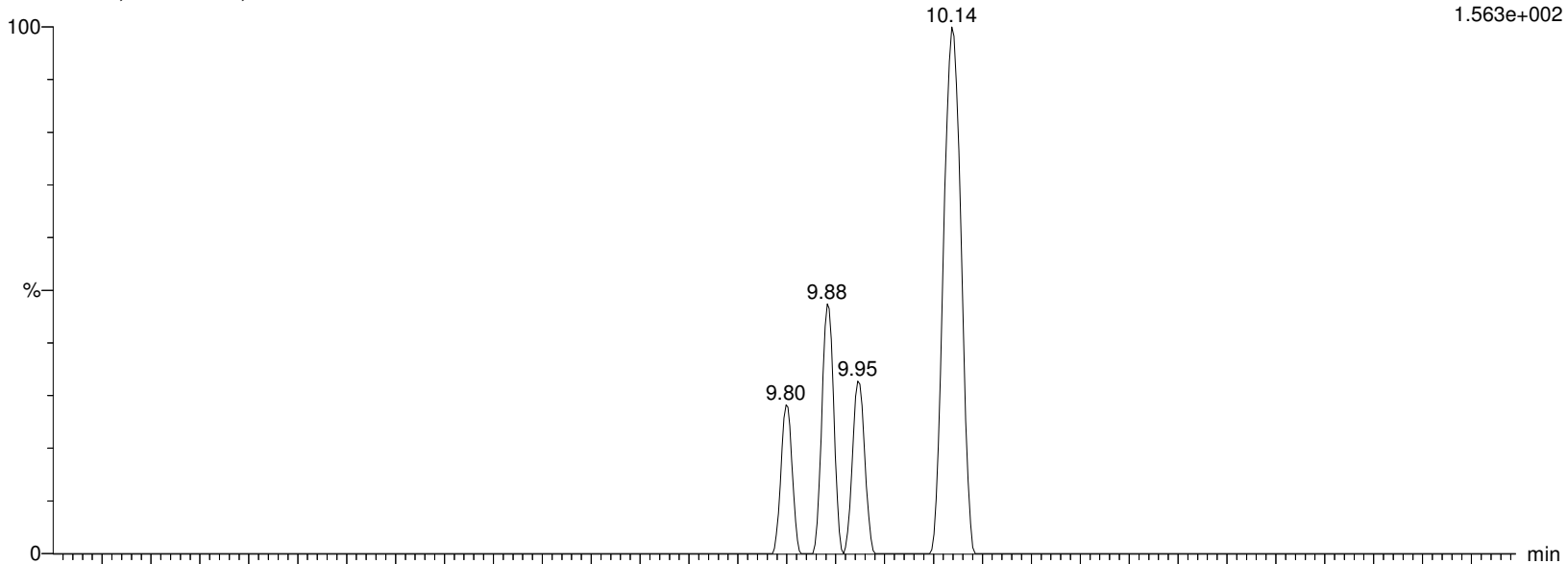
I3792 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-01

F29:MRM of 2 channels,ES-

498.989 > 80.294

1.563e+002



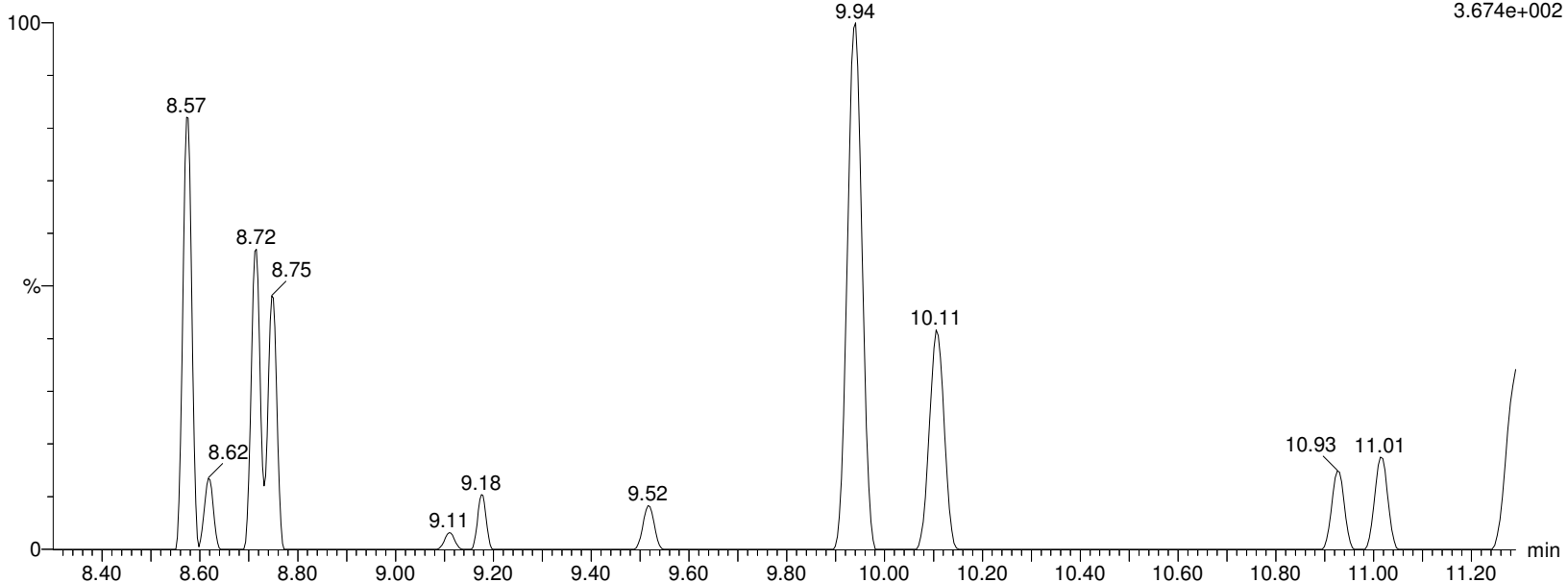
I3792 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-01

F29:MRM of 2 channels,ES-

498.989 > 99.27

3.674e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFOS

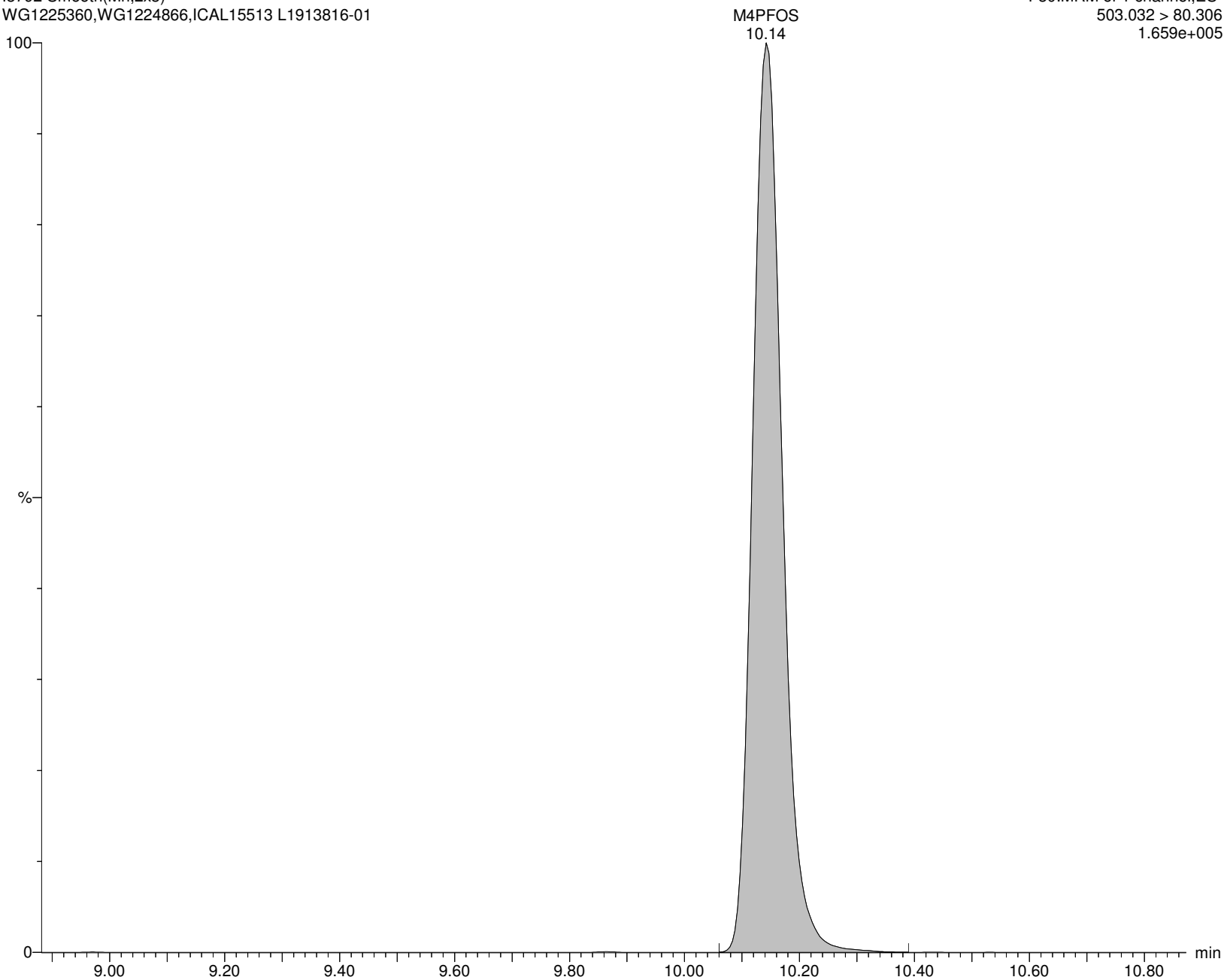
I3792 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-01

F30:MRM of 1 channel,ES-

503.032 > 80.306

1.659e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOS

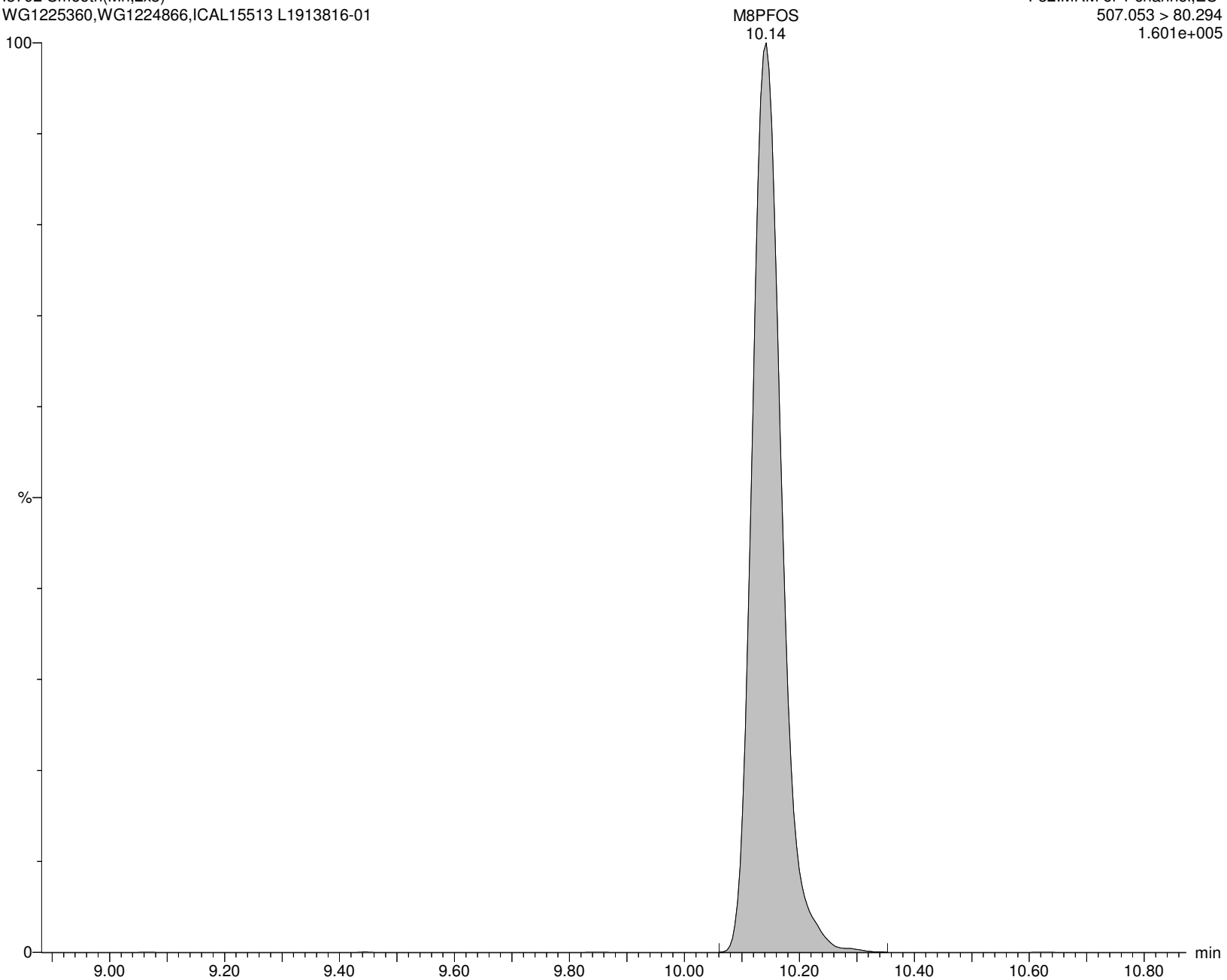
I3792 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-01

F32:MRM of 1 channel,ES-

507.053 > 80.294

1.601e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDA

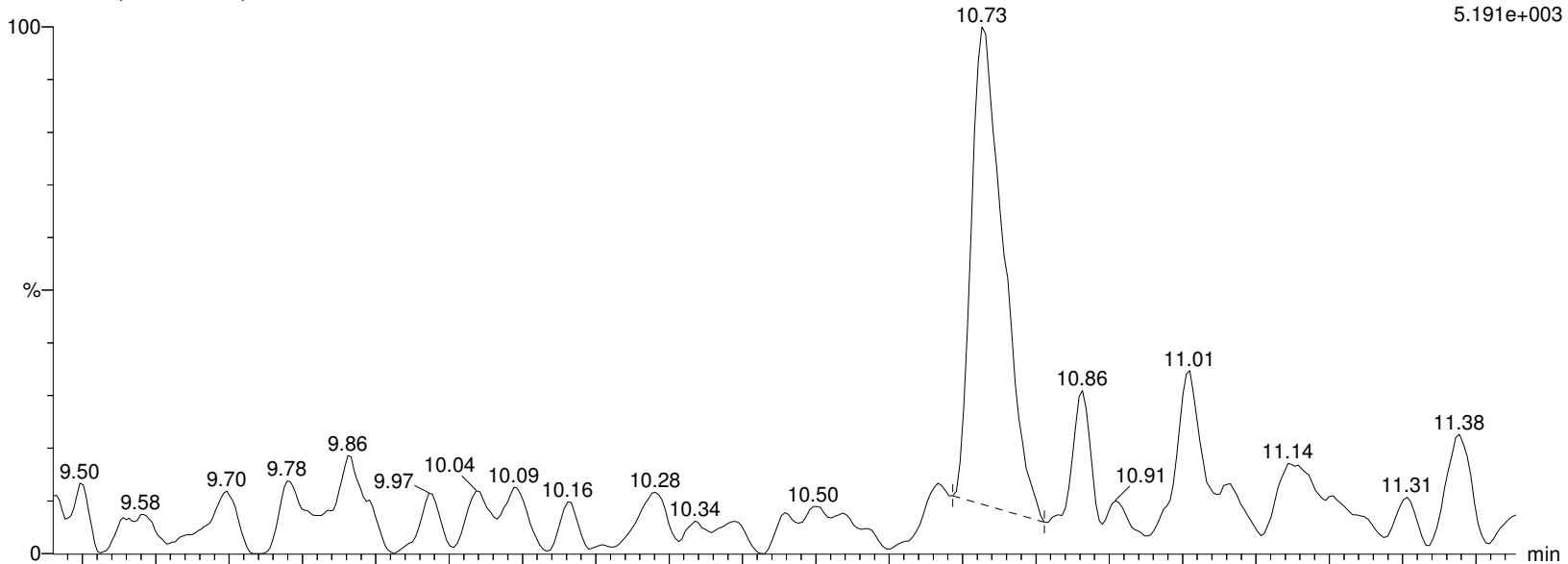
I3792 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-01

F33:MRM of 2 channels,ES-

513.053 > 468.906

5.191e+003



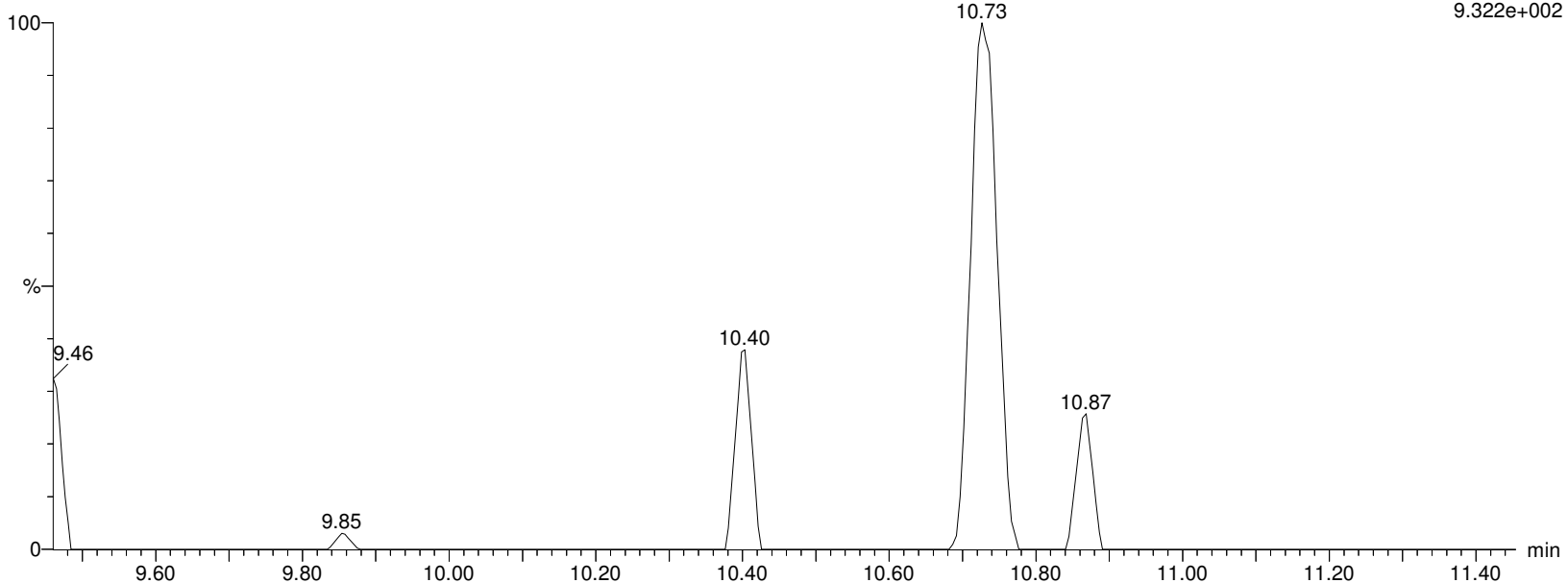
I3792 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-01

F33:MRM of 2 channels,ES-

513.053 > 219.08

9.322e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFDA

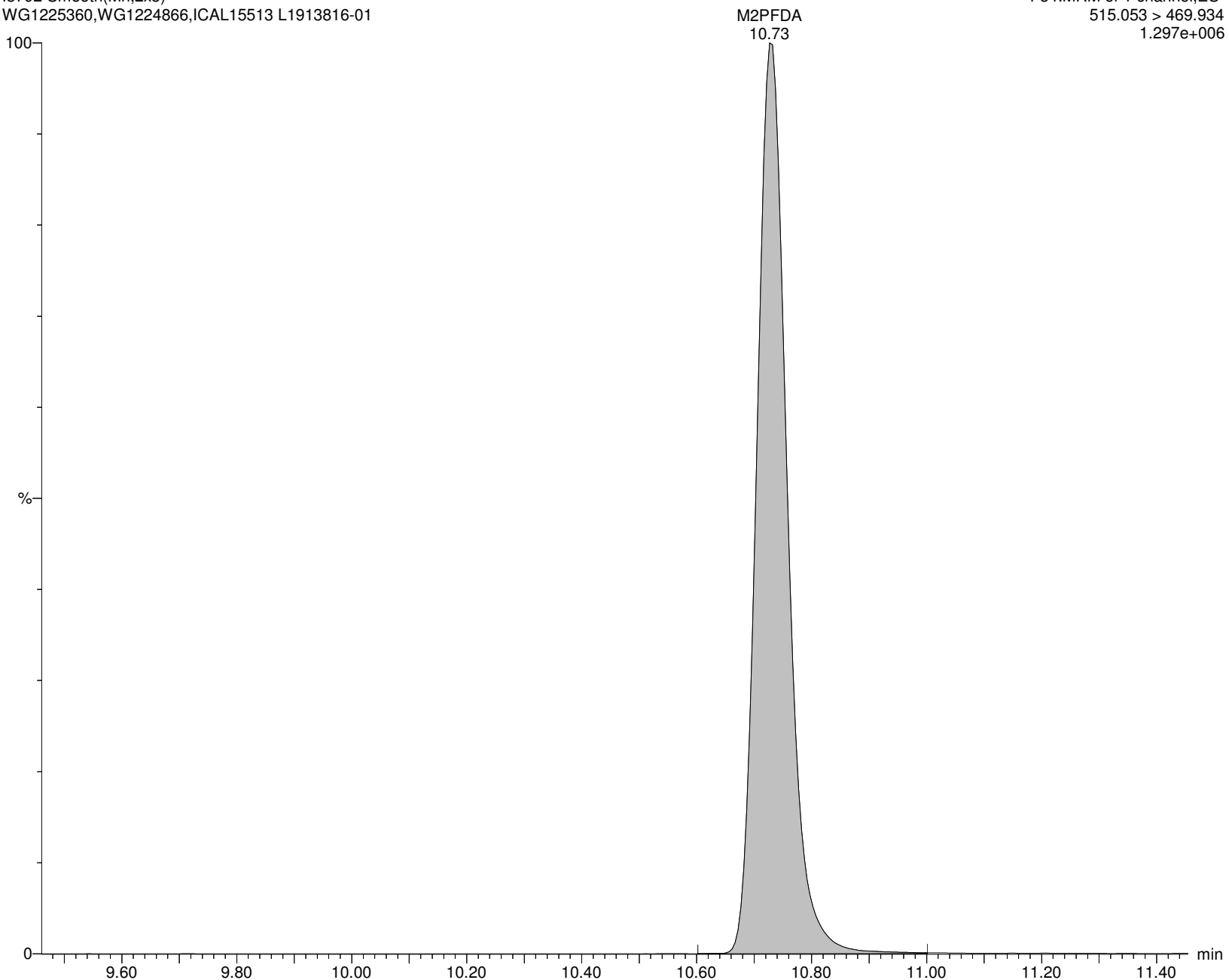
I3792 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-01

F34:MRM of 1 channel,ES-

515.053 > 469.934

1.297e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M6PFDA

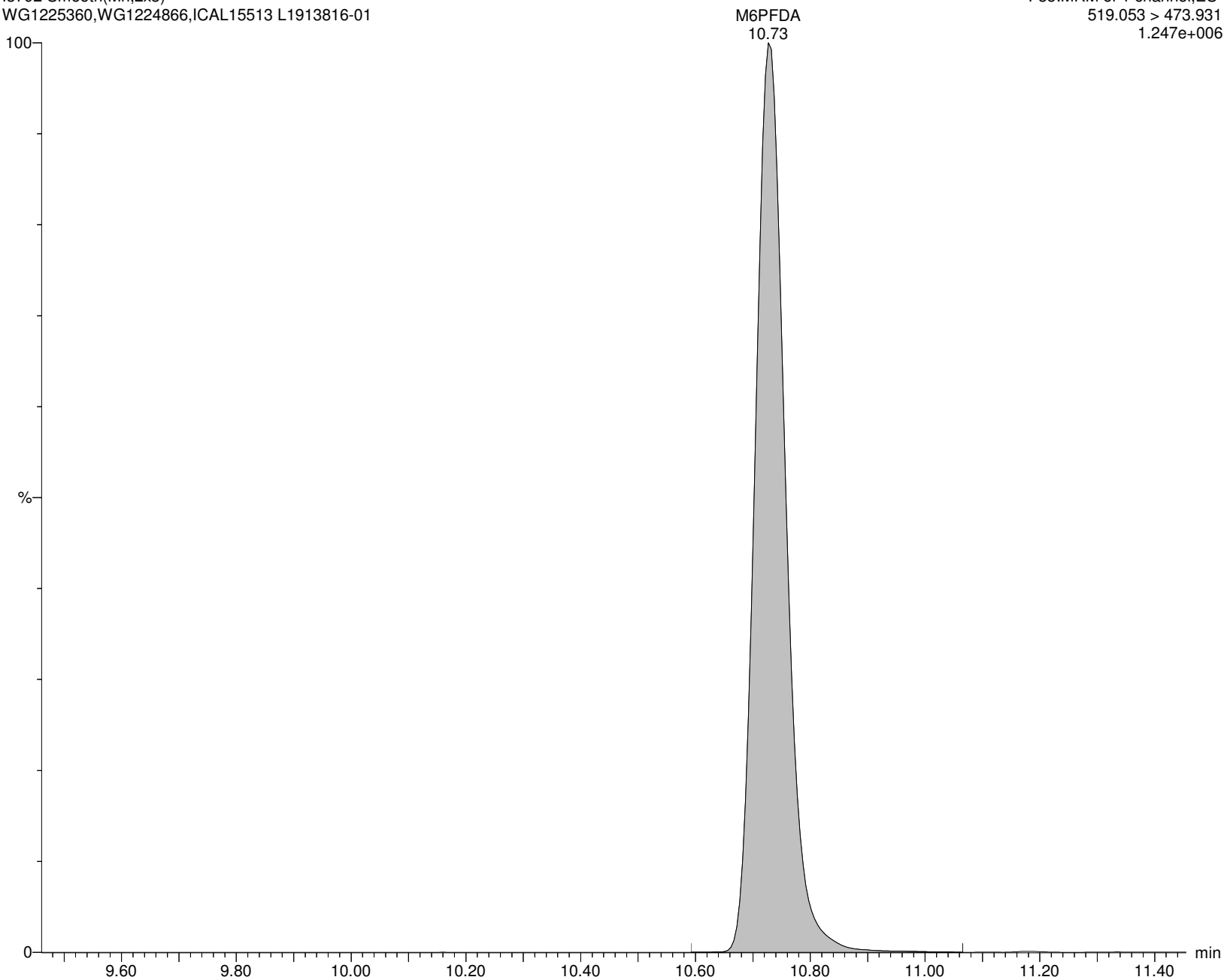
I3792 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-01

F35:MRM of 1 channel,ES-

519.053 > 473.931

1.247e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

8:2FTS

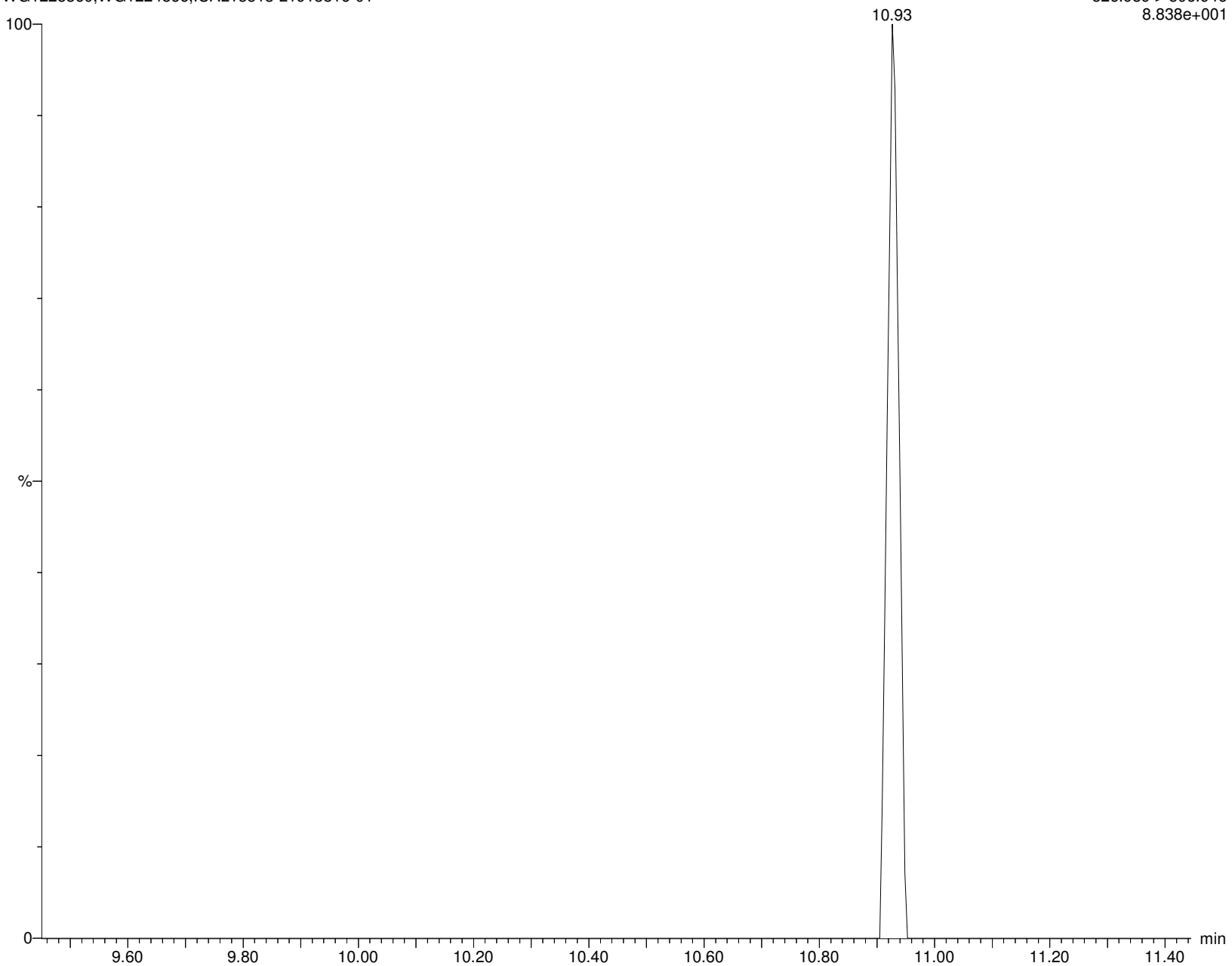
I3792 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-01

F36:MRM of 2 channels,ES-

526.989 > 506.946

8.838e+001



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-8:2FTS

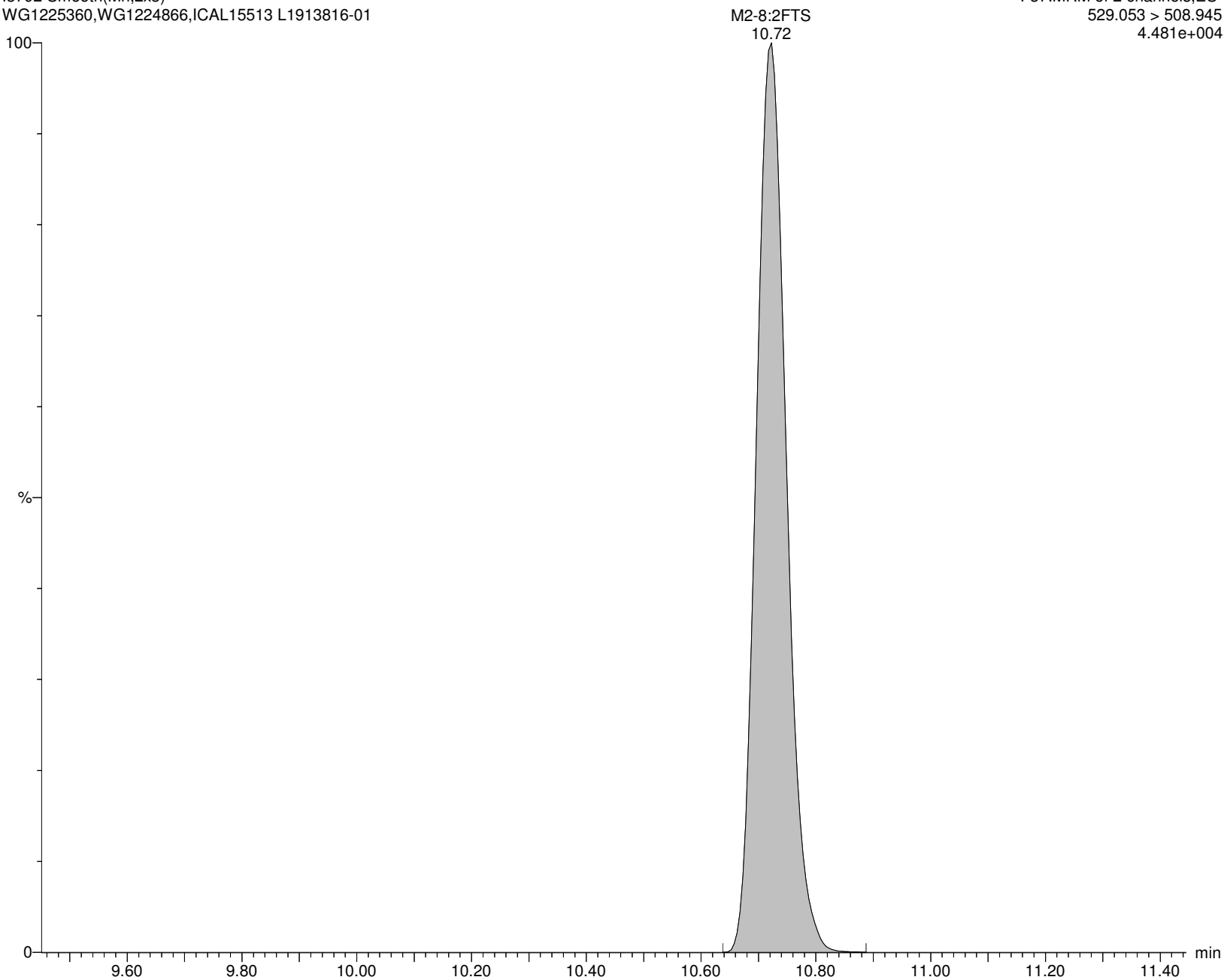
I3792 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-01

F37:MRM of 2 channels,ES-

529.053 > 508.945

4.481e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNS

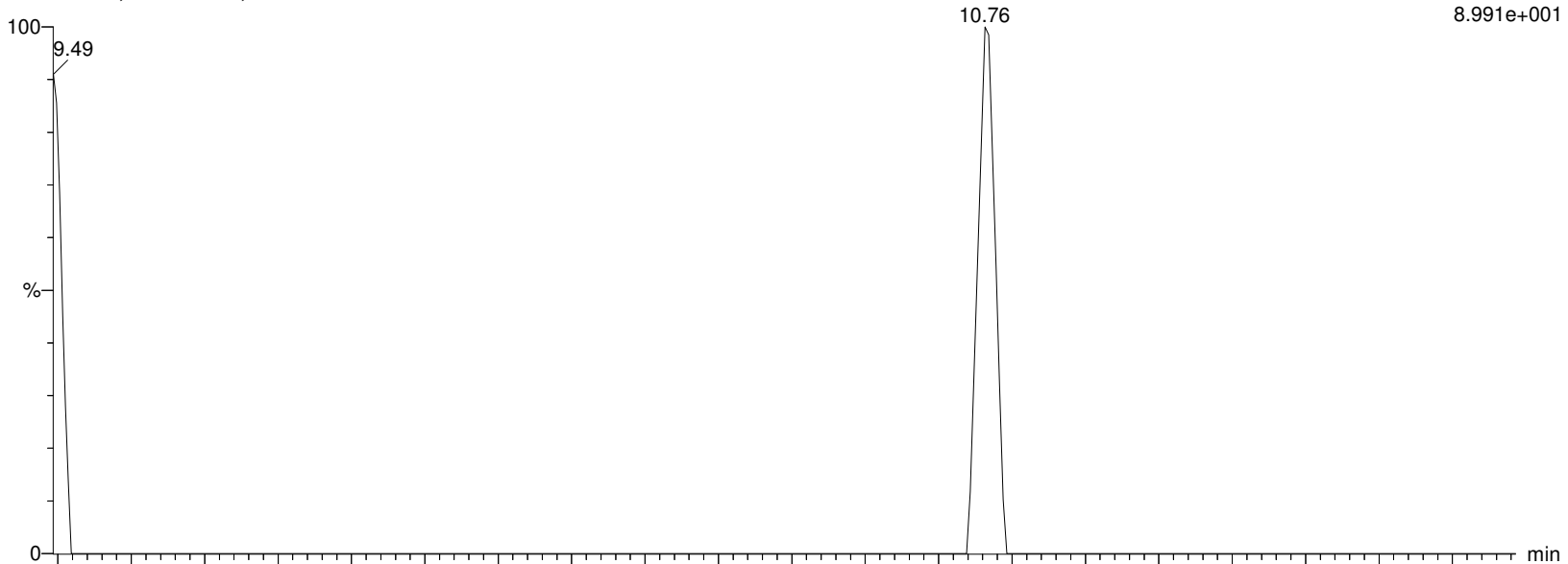
I3792 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-01

F39:MRM of 2 channels,ES-

548.989 > 80.249

8.991e+001



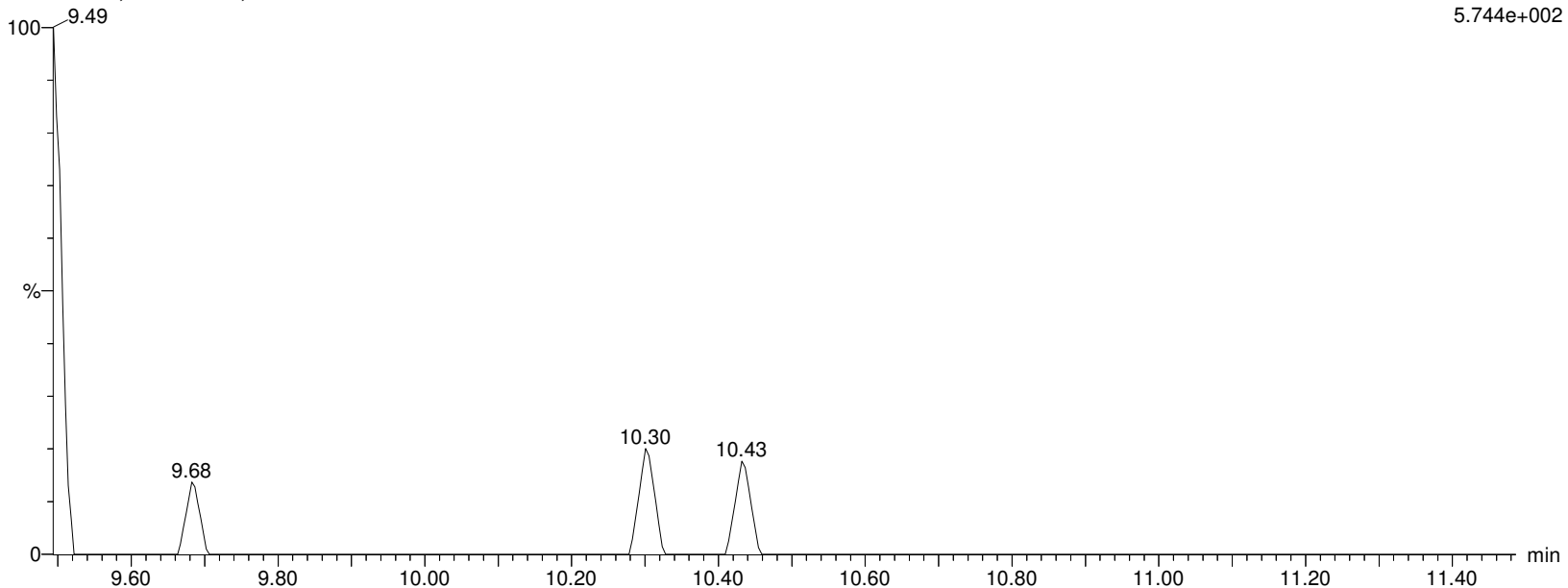
I3792 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-01

F39:MRM of 2 channels,ES-

548.989 > 99.22

5.744e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d3-NMeFOSAA

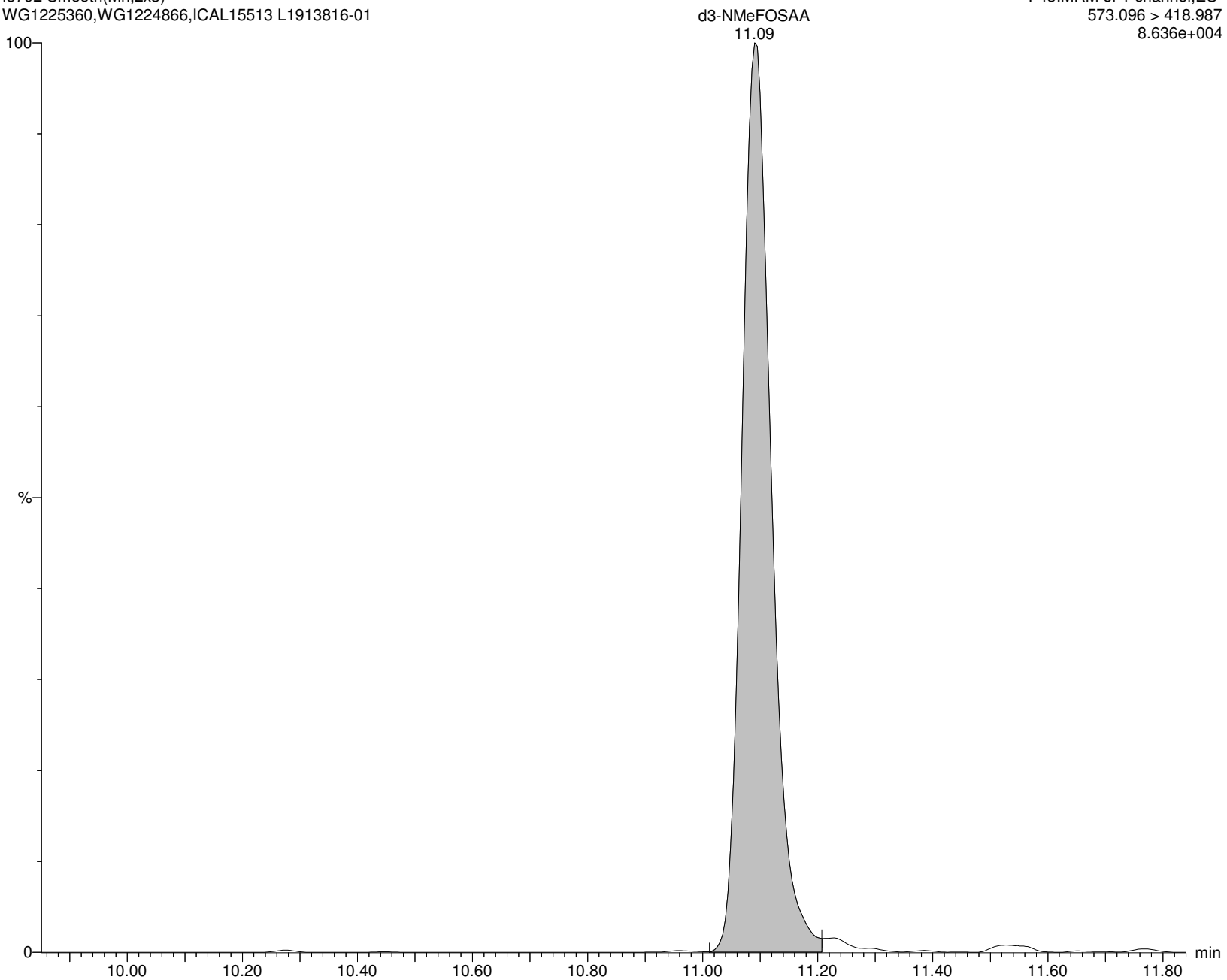
I3792 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-01

F43:MRM of 1 channel,ES-

573.096 > 418.987

8.636e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NMeFOSAA

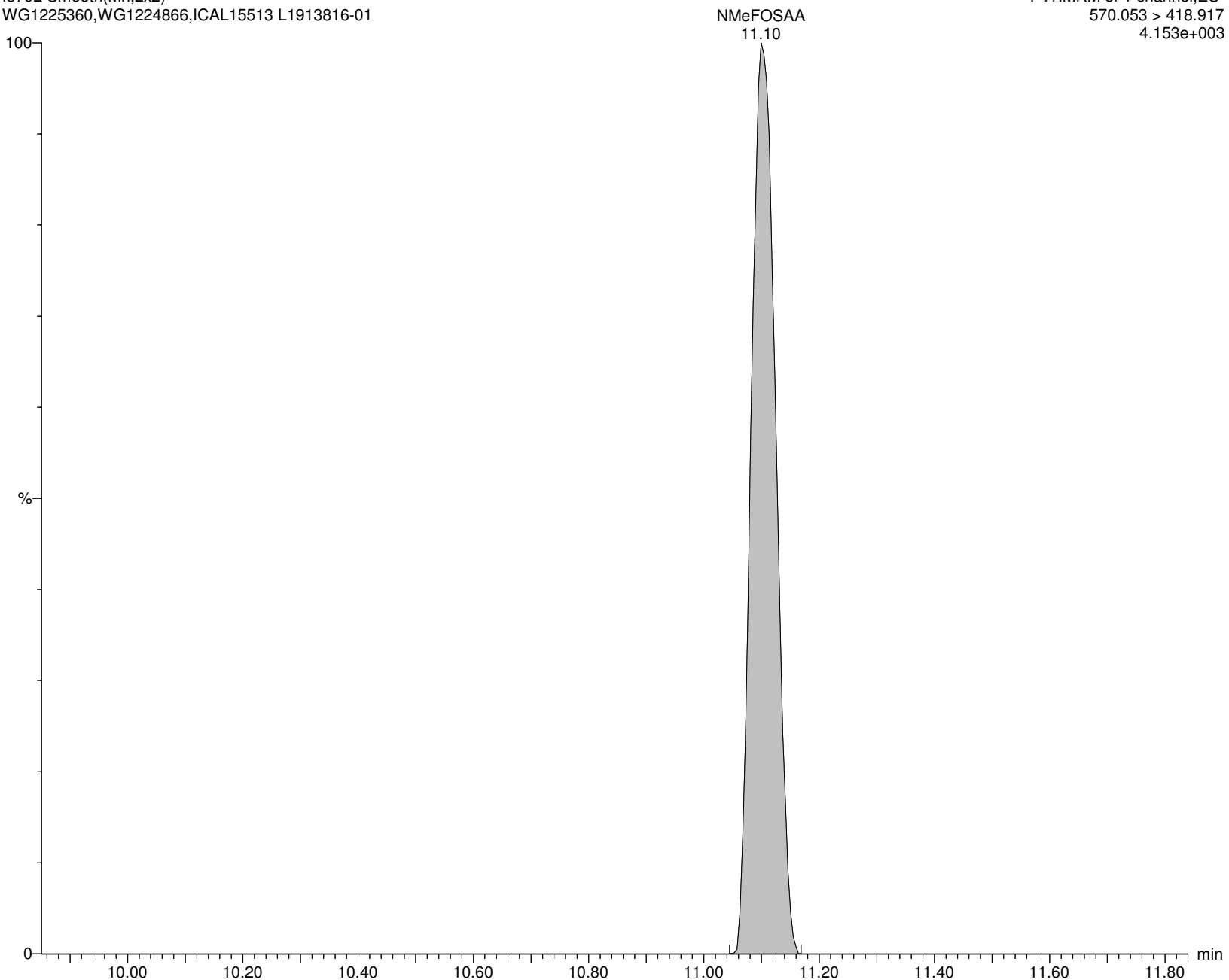
I3792 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-01

F41:MRM of 1 channel,ES-

570.053 > 418.917

4.153e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFUnA

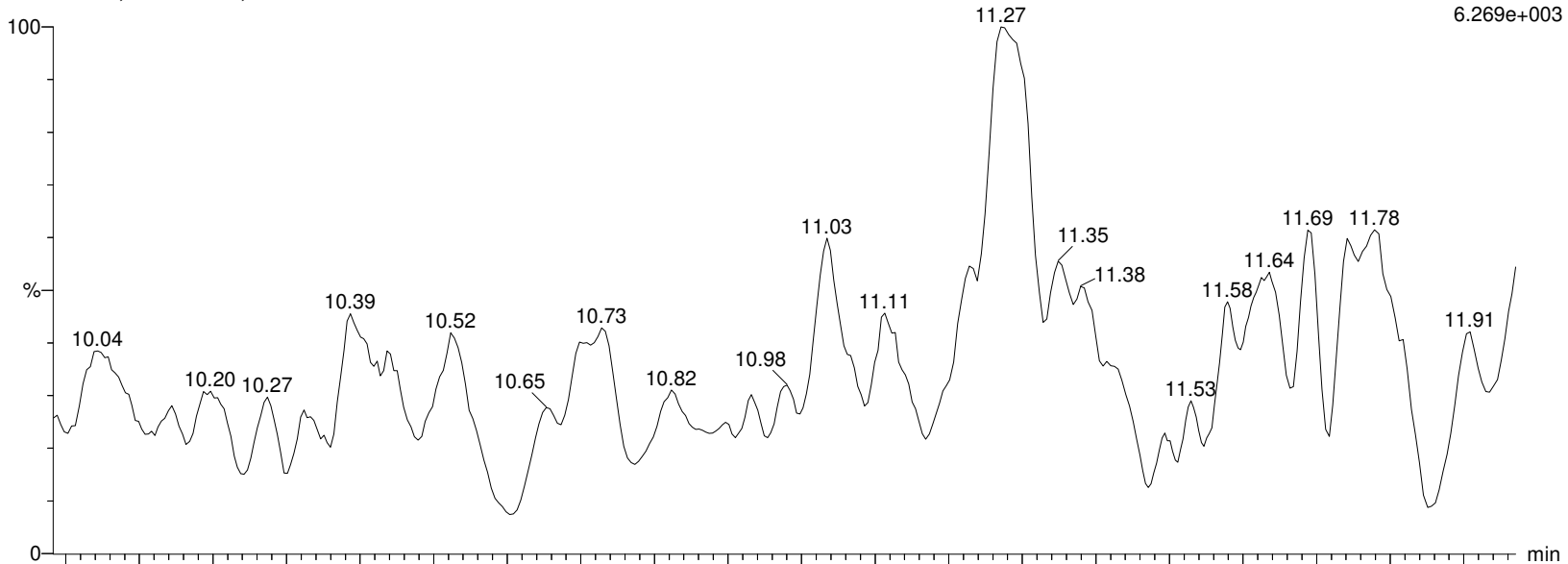
I3792 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-01

F40:MRM of 2 channels,ES-

562.989 > 518.903

6.269e+003



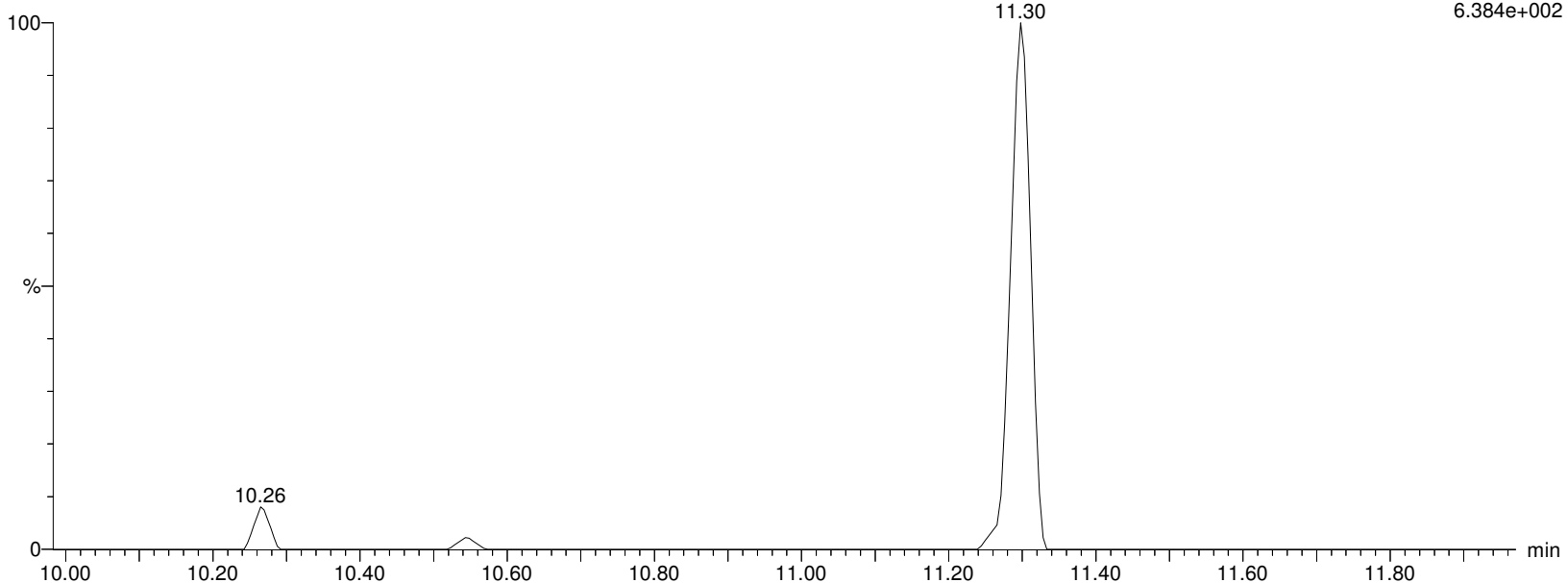
I3792 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-01

F40:MRM of 2 channels,ES-

562.989 > 269.01

6.384e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M7-PFUDA

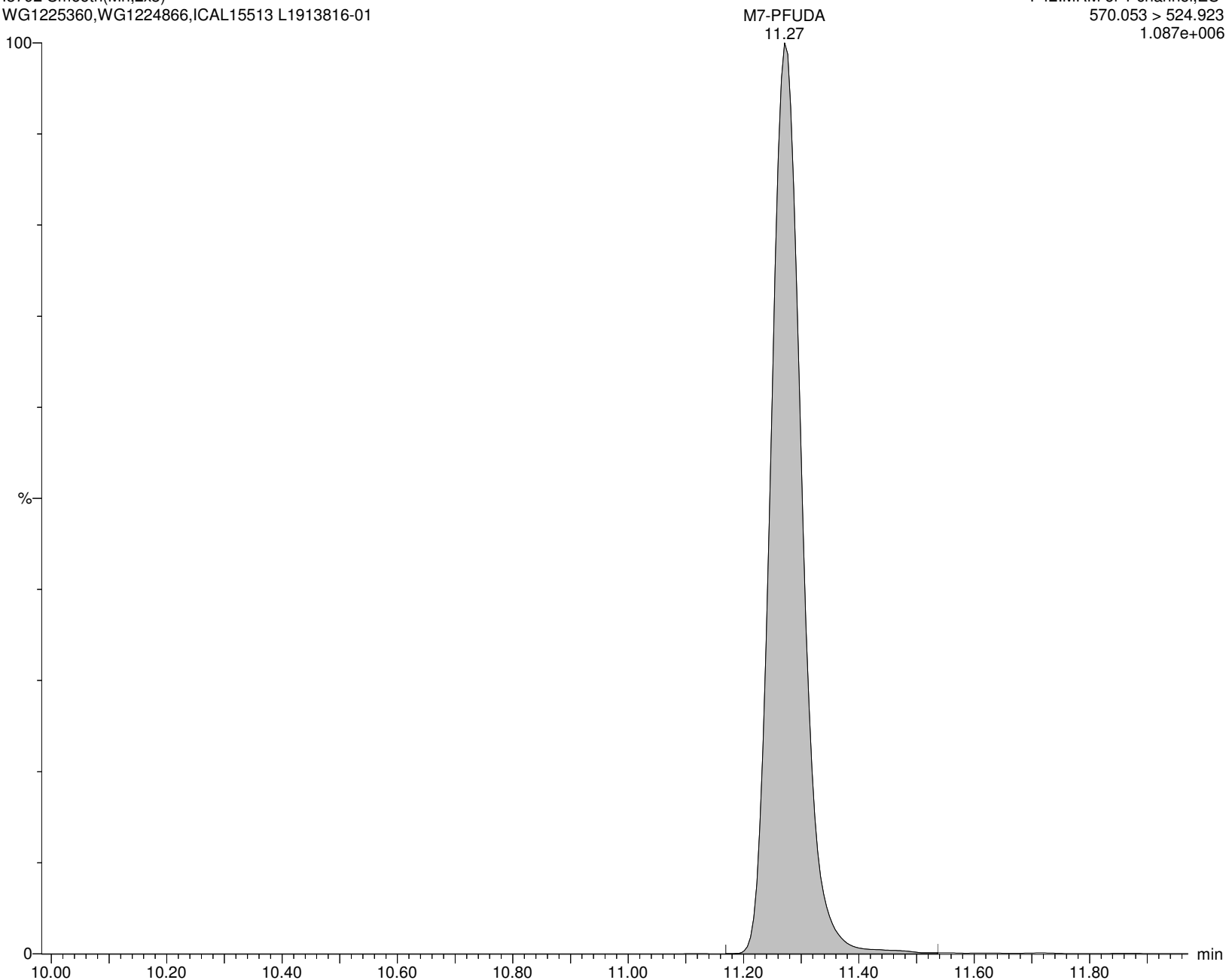
I3792 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-01

F42:MRM of 1 channel,ES-

570.053 > 524.923

1.087e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDS

I3792 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-01

F46:MRM of 2 channels,ES-

598.926 > 80.314

1.000e-003



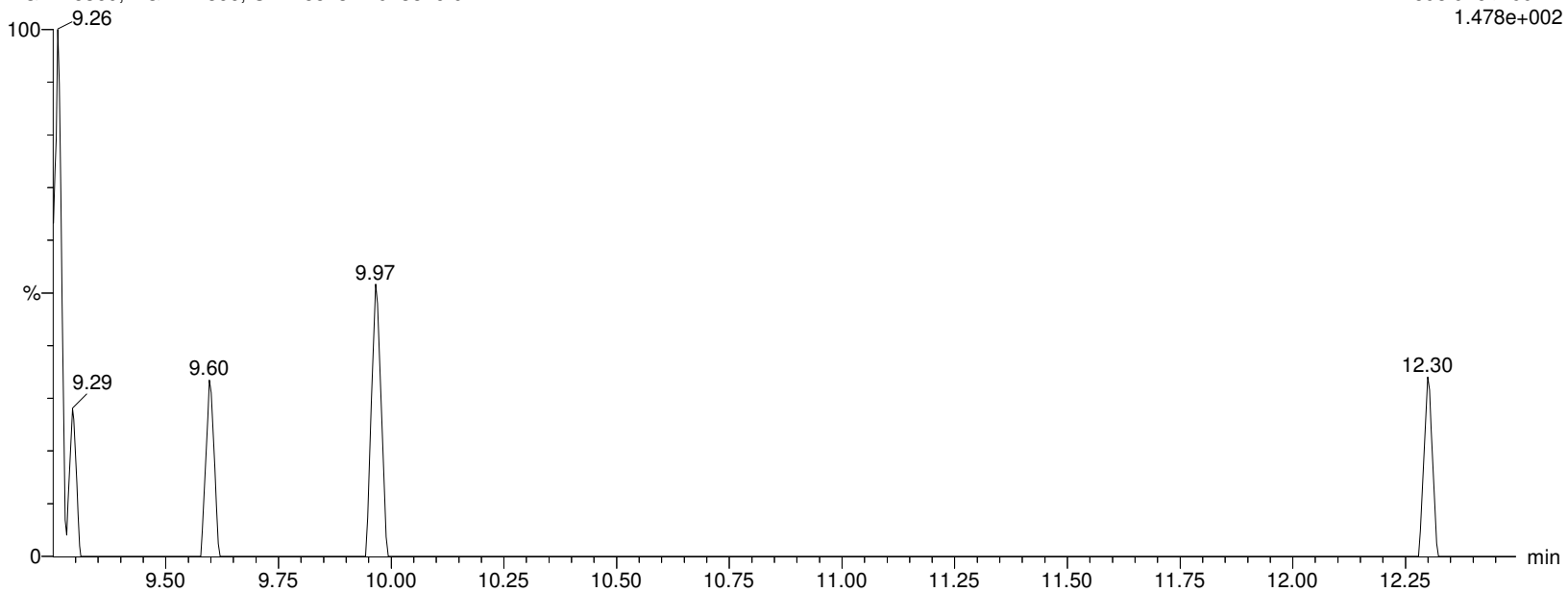
I3792 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-01

F46:MRM of 2 channels,ES-

598.926 > 99.22

1.478e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

FOSA

I3792 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-01

F28:MRM of 2 channels,ES-

497.989 > 78.245

1.000e-003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8FOSA

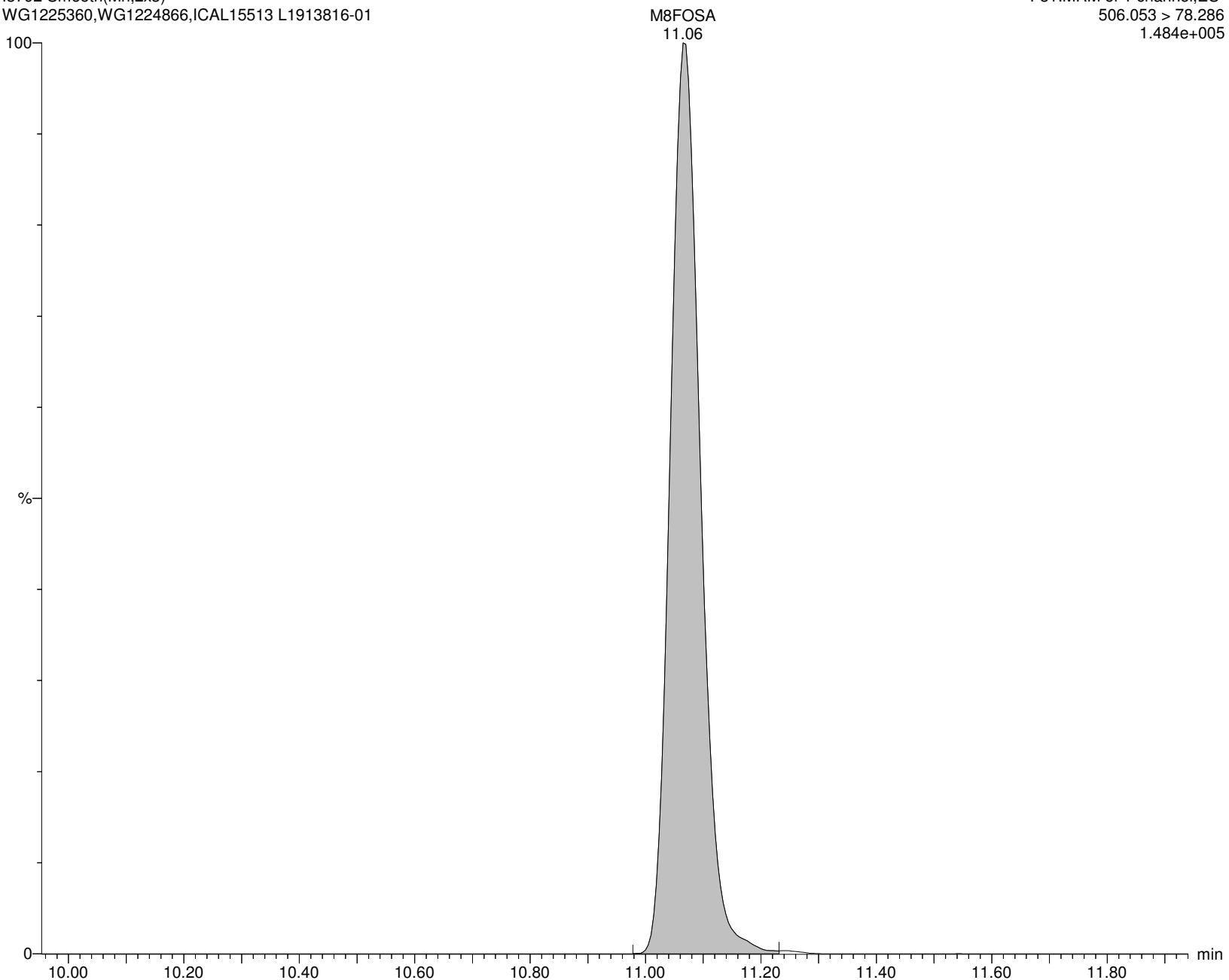
I3792 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-01

F31:MRM of 1 channel,ES-

506.053 > 78.286

1.484e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d5-NEtFOSAA

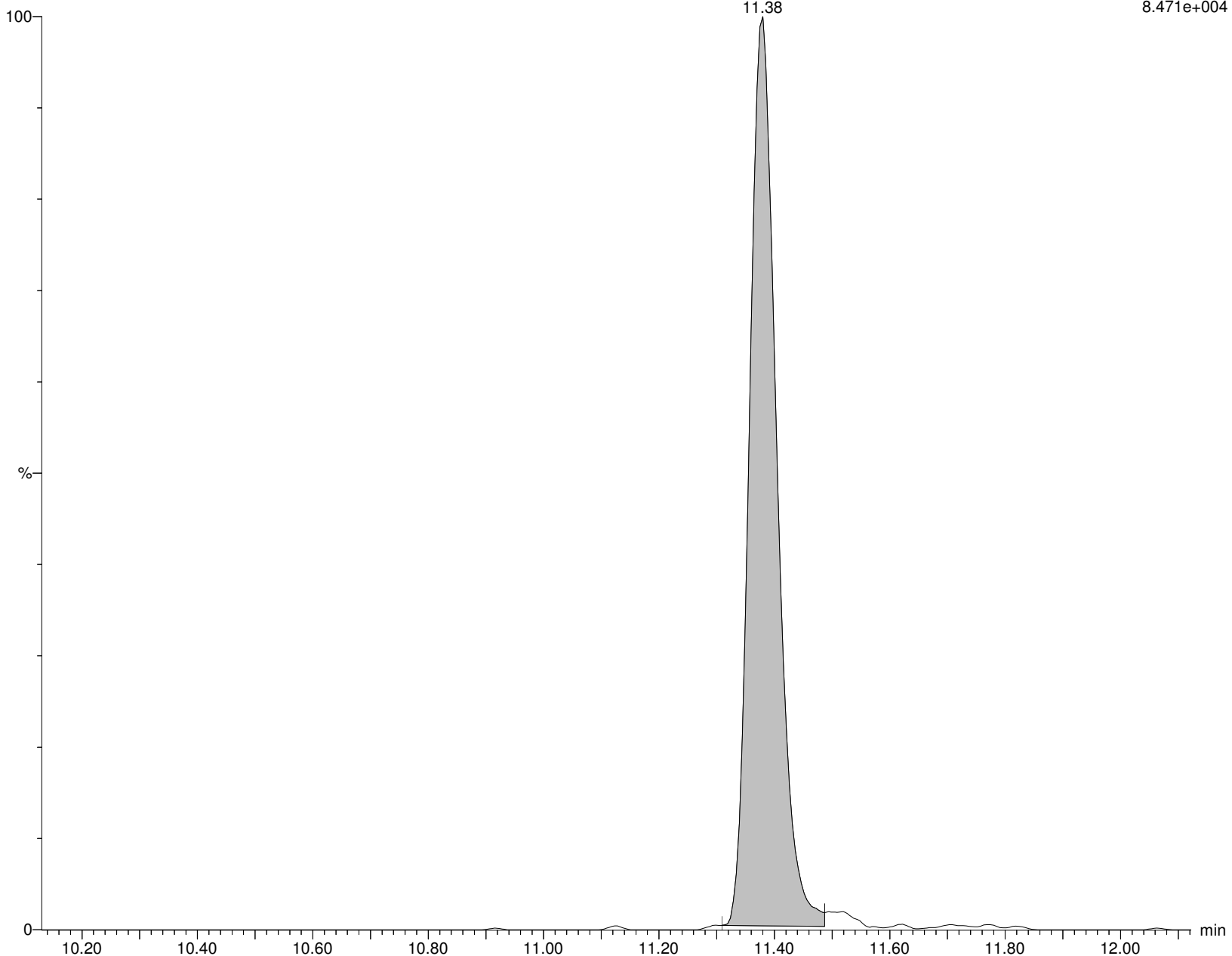
I3792 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-01

F45:MRM of 1 channel,ES-

589.117 > 418.929

8.471e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NEtFOSAA

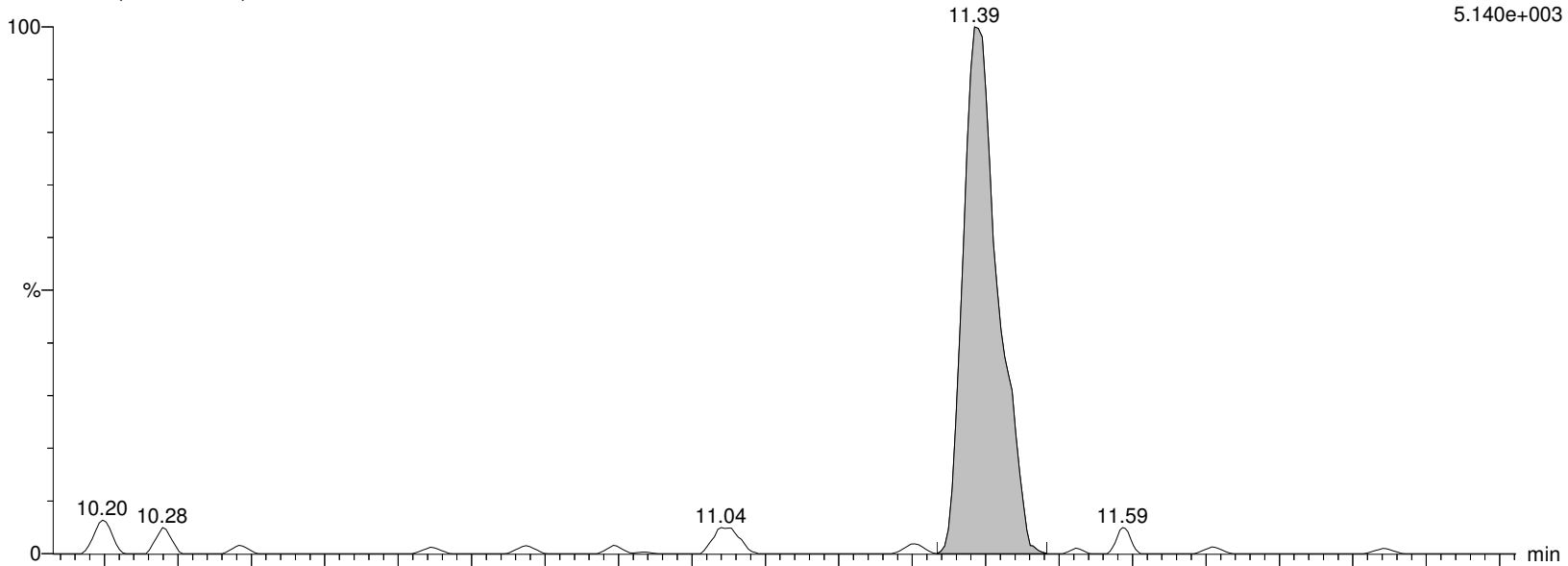
I3792 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-01

F44:MRM of 2 channels,ES-

583.989 > 418.927

5.140e+003



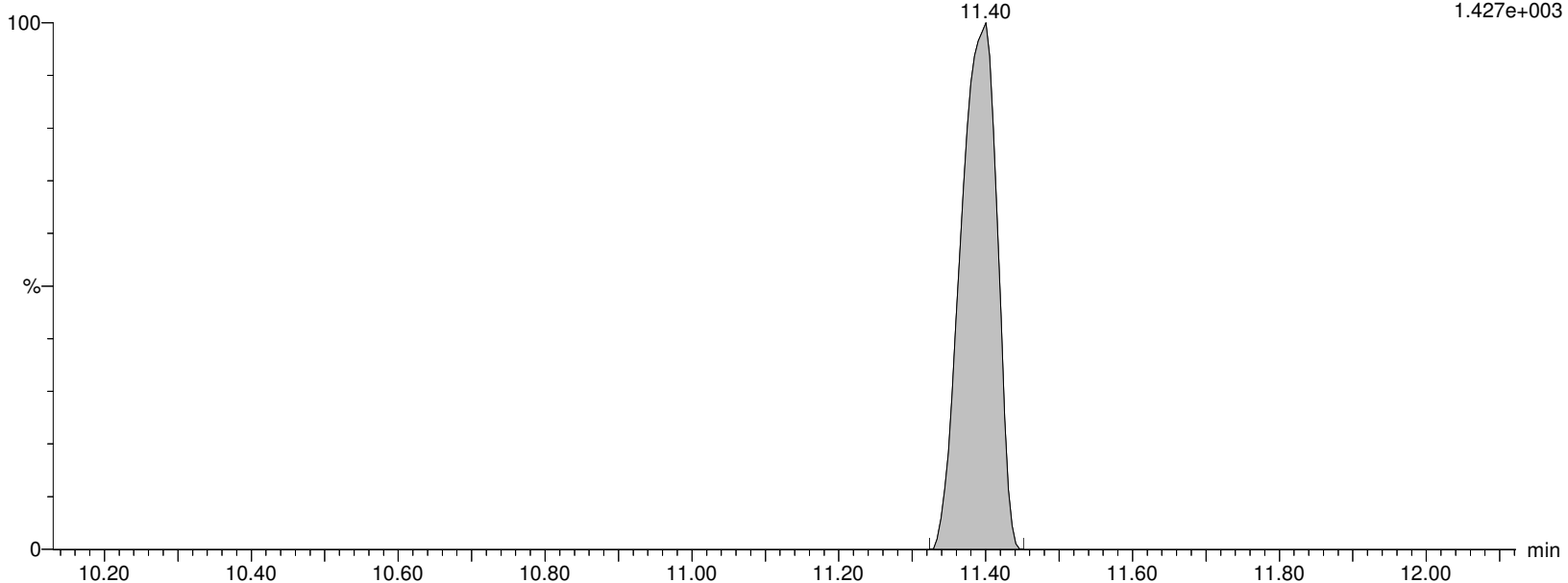
I3792 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-01

F44:MRM of 2 channels,ES-

583.989 > 482.88

1.427e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFD0A

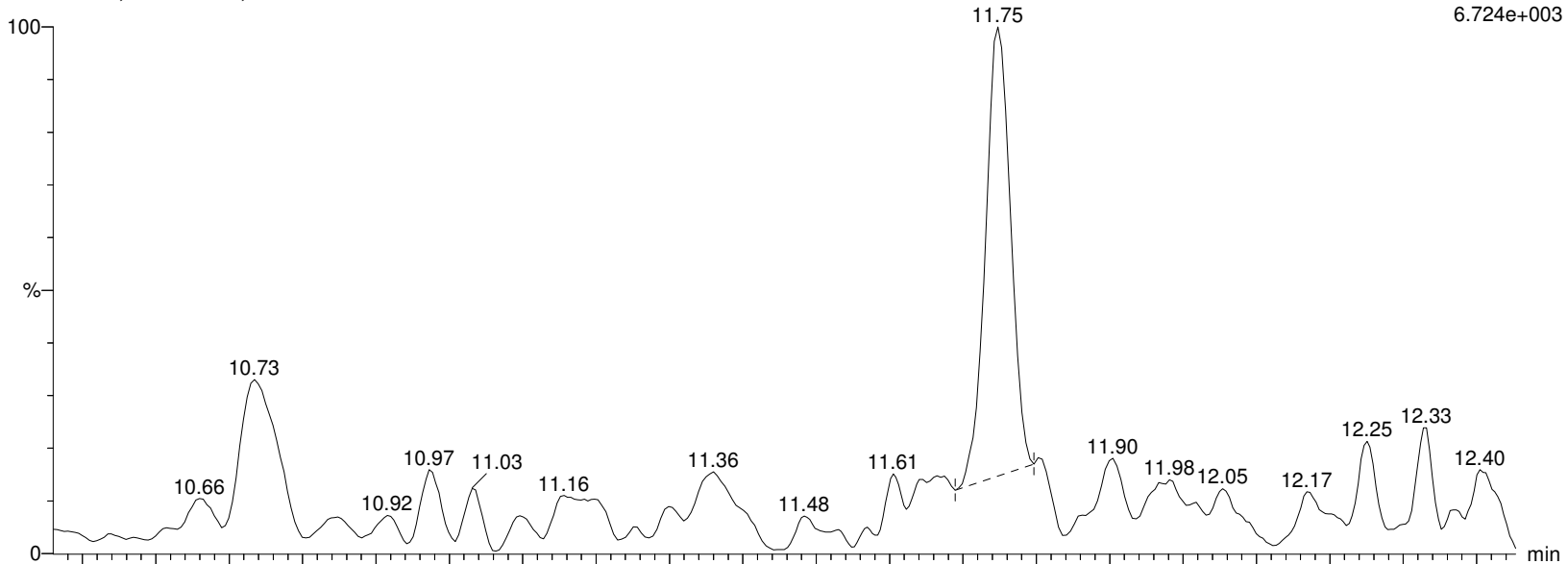
I3792 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-01

F47:MRM of 2 channels,ES-

612.989 > 568.967

6.724e+003



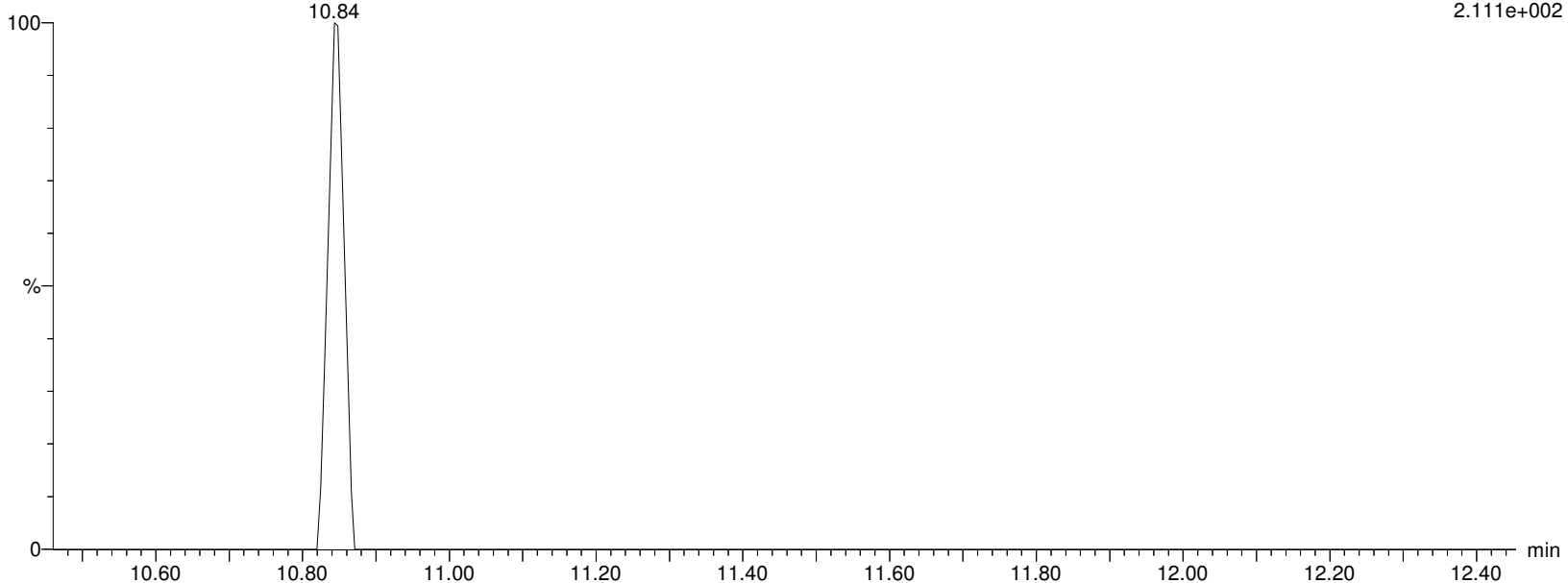
I3792 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-01

F47:MRM of 2 channels,ES-

612.989 > 219.08

2.111e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFDOA

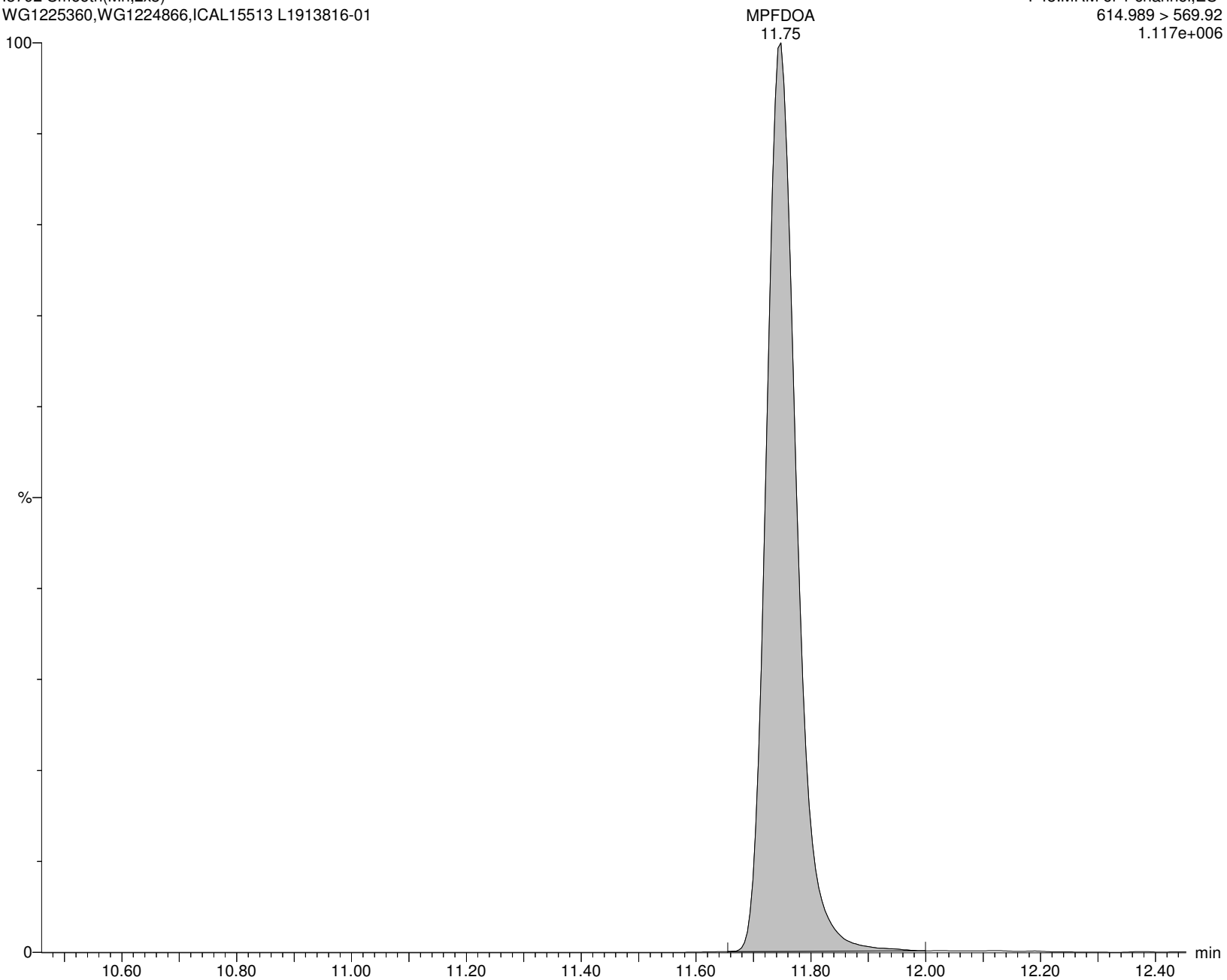
I3792 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-01

F48:MRM of 1 channel,ES-

614.989 > 569.92

1.117e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTTrDA

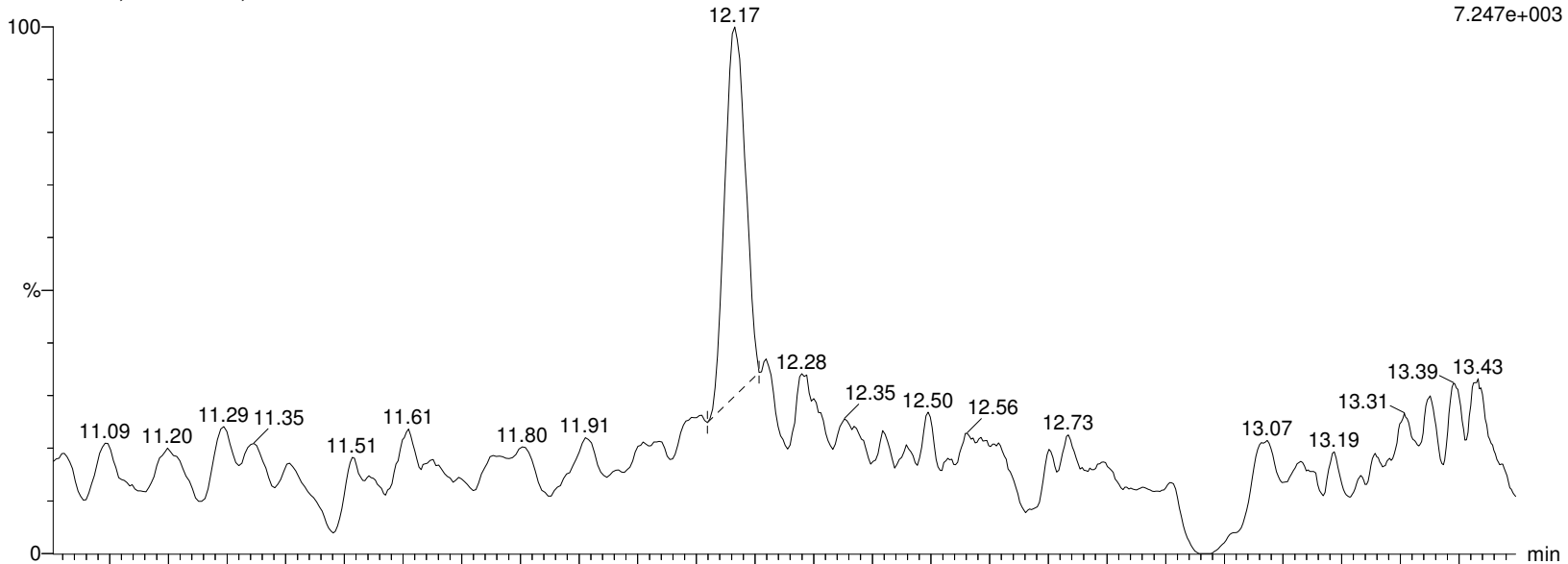
I3792 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-01

F51:MRM of 2 channels,ES-

663.053 > 618.969

7.247e+003



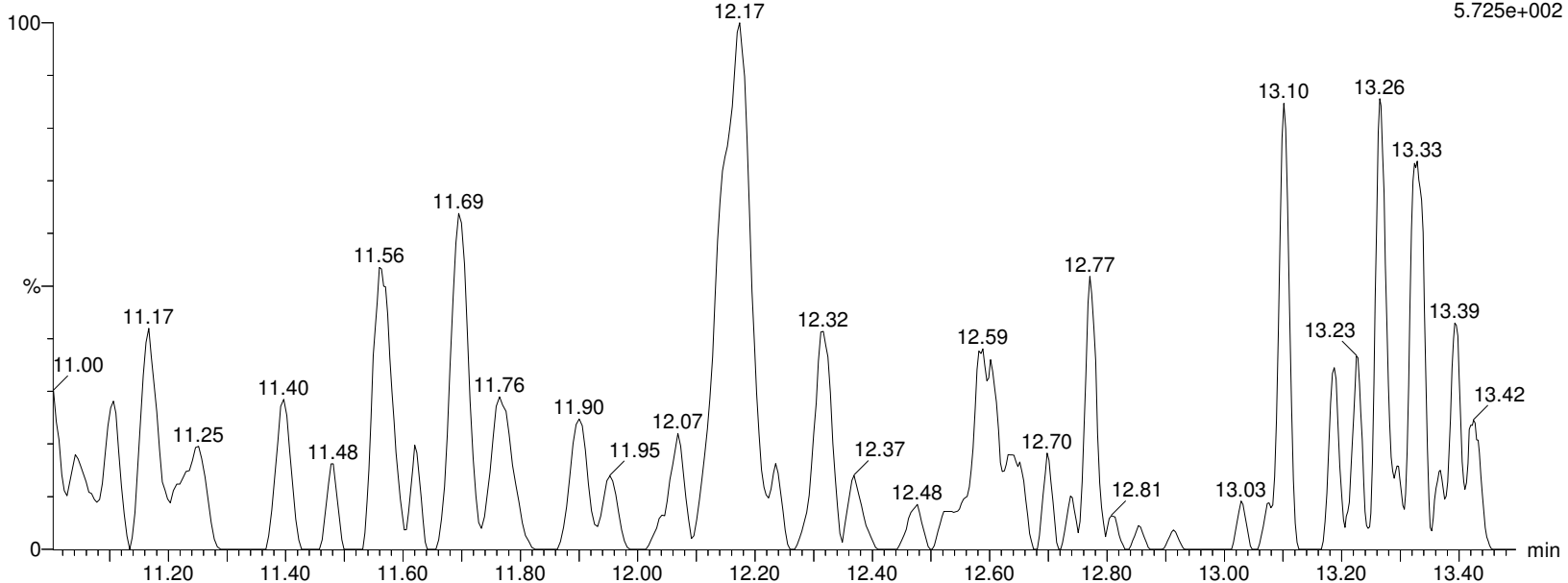
I3792 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-01

F51:MRM of 2 channels,ES-

663.053 > 319.02

5.725e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

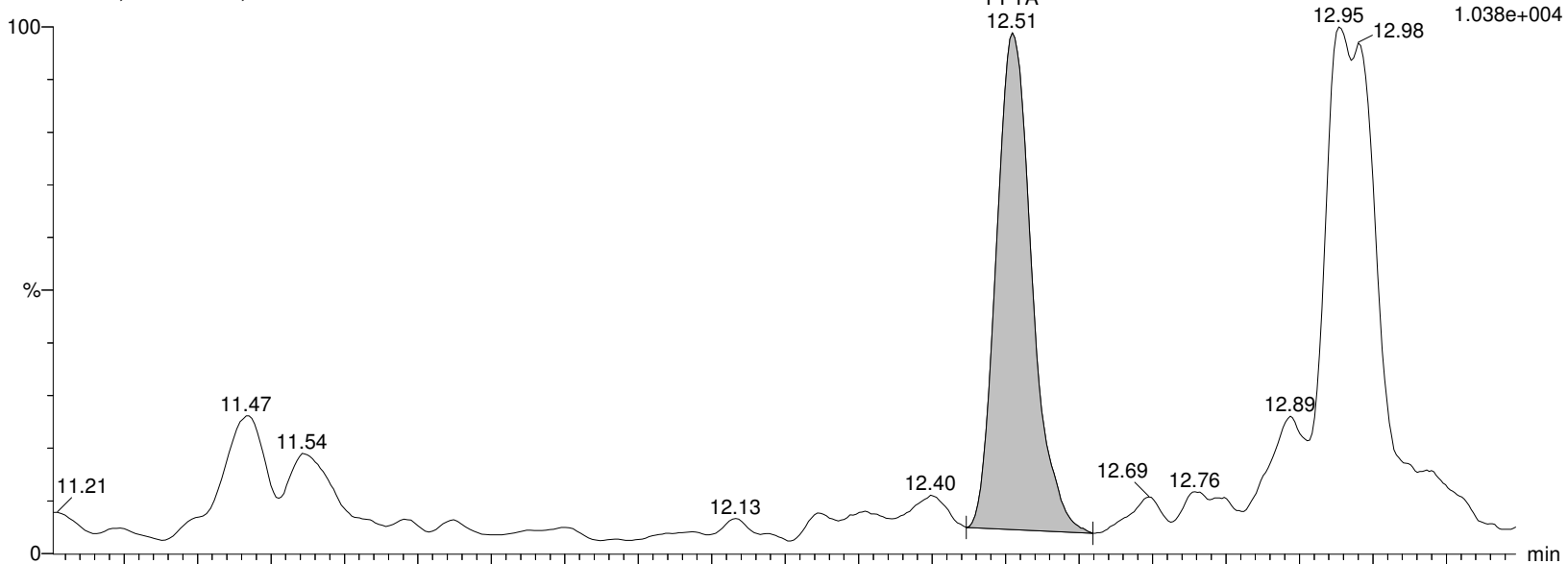
Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTA

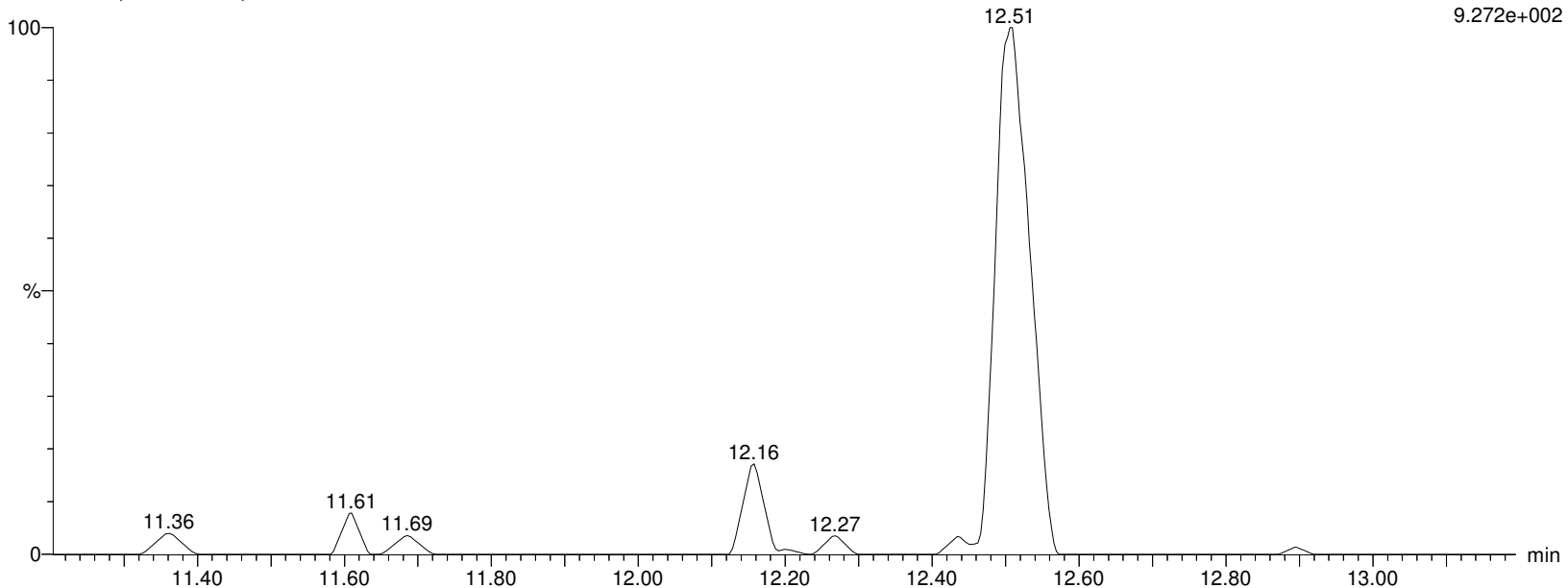
I3792 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-01



I3792 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-01



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:53 Eastern Daylight Time

Name: I3792

ID: L1913816-01

Date: 11-Apr-2019

Time: 15:10:08

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFTEDA

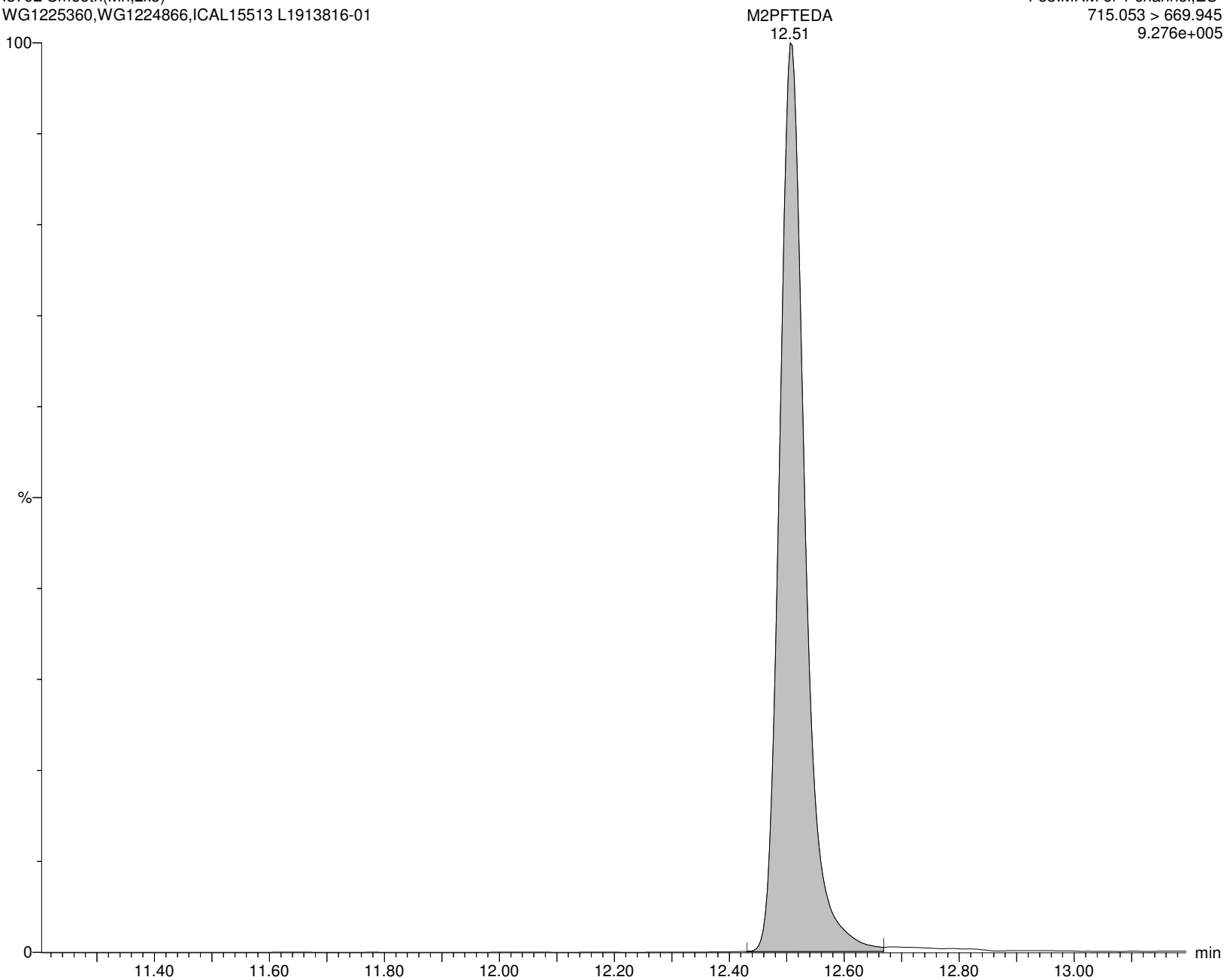
I3792 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-01

F53:MRM of 1 channel,ES-

715.053 > 669.945

9.276e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld
Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time
Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Method: C:\MassLynx\Data\2019\190411_537ISO.PRO\MethDB\537ISO_Q_190215_RT.mdb 10 Apr 2019 16:27:50
Calibration: C:\MassLynx\Data\2019\190411_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 08:45:17

ID: L1913816-03
Name: I3793
Date: 11-Apr-2019
Time: 15:26:42
Description: WG1225360,WG1224866,ICAL15513
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:JW

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.35	212.926 > 169.111	1462		0.431		na	
2	M3PFBA	INT STD	2.35	215.926 > 172.122	40194		8.468		na	84.7
3	MPFBA	INT STD	2.35	216.926 > 172.137	39500		9.097		na	91.0
4	PFPeA	2706-90-3		262.926 > 219.002			ND		na	
5	M5PFPEA	INT STD	5.24	267.989 > 223.081	61757		11.433		na	114.3
6	PFBS	375-73-5		298.989 > 80.295			ND		na	
7	M3PFBS	INT STD	5.88	301.989 > 80.254	12088		9.489		na	94.9
8	4:2FTS	757124-72-4		326.926 > 306.957			ND		YES	
9	M2-4:2FTS	INT STD	7.04	329.117 > 309.079	4444		7.520		na	75.2
10	PFHxA	307-24-4		312.989 > 269.028			ND		YES	
11	M5PFHxA	INT STD	7.13	317.989 > 273.045	77813		9.862		na	98.6
12	PFPeS	2706-91-4		348.926 > 80.251			ND		YES	
13	PFHpA	375-85-9		362.926 > 319.014			ND		YES	
14	M4PFHpA	INT STD	8.39	366.926 > 321.979	91114		8.939		na	89.4
15	br-PFHxS	355-46-4		398.926 > 80.295			ND		YES	
16	L-PFHxS	355-46-4		398.926 > 80.295			ND		YES	
17	PFHxS	355-46-4		398.926 > 80.295	0		ND		na	
18	M3PFHxS	INT STD	8.55	401.926 > 80.317	9191		10.193		na	101.9
19	br-PFOA	335-67-1		412.989 > 368.9			ND		YES	
20	L-PFOA	335-67-1		412.989 > 368.9			ND		YES	
21	M2PFOA	INT STD	9.34	415.032 > 369.968	94904		9.583		na	95.8
22	PFOA	335-67-1		412.989 > 368.9	0		ND		na	
23	M8PFOA	INT STD	9.34	420.989 > 375.979	88055		9.661		na	96.6
24	6:2FTS	27619-97-2		426.989 > 406.921			ND		na	
25	M2-6:2FTS	INT STD	9.30	428.989 > 408.917	3909		6.586		na	65.9
26	PFHpS	375-92-8		448.926 > 80.257			ND		YES	
27	PFNA	375-95-1		462.989 > 418.931			ND		YES	
28	M9PFNA	INT STD	10.10	472.053 > 426.947	81274		9.377		na	93.8
29	br-PFOS	1763-23-1		498.989 > 80.294			ND		YES	
30	L-PFOS	1763-23-1		498.989 > 80.294			ND		YES	
31	PFOS	1763-23-1		498.989 > 80.294	0		ND		na	
32	M4PFOS	INT STD	10.14	503.032 > 80.306	10241		11.076		na	110.8
33	M8PFOS	INT STD	10.14	507.053 > 80.294	8886		8.630		na	86.3
34	PFDA	335-76-2		513.053 > 468.906			ND		YES	
35	M2PFDA	INT STD	10.73	515.053 > 469.934	81691		10.830		na	108.3
36	M6PFDA	INT STD	10.73	519.053 > 473.931	68250		7.806		na	78.1
37	8:2FTS	39108-34-4		526.989 > 506.946			ND		na	
38	M2-8:2FTS	INT STD	10.72	529.053 > 508.945	2269		6.944		na	69.4
39	PFNS	68259-12-1		548.989 > 80.249			ND		YES	

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

ID: L1913816-03

Name: I3793

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:JW

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	11.09	573.096 > 418.987	5382		6.473		na	64.7
41	NMeFOSAA	2355-31-9		570.053 > 418.917			ND		na	
42	PfUnA	2058-94-8		562.989 > 518.903			ND		YES	
43	M7-PFUDA	INT STD	11.28	570.053 > 524.923	60469		8.246		na	82.5
44	PFDS	335-77-3		598.926 > 80.314			ND		YES	
45	FOSA	754-91-6		497.989 > 78.245			ND		na	
46	M8FOSA	INT STD	11.07	506.053 > 78.286	9164		3.338		na	33.4
47	d5-NEtFOSAA	INT STD	11.38	589.117 > 418.929	4951		6.582		na	65.8
48	NEtFOSAA	2991-50-6		583.989 > 418.927			ND		YES	
49	PFDaA	307-55-1		612.989 > 568.967			ND		YES	
50	MPFDOA	INT STD	11.75	614.989 > 569.92	67315		8.001		na	80.0
51	PFTTrDA	72629-94-8		663.053 > 618.969			ND		YES	
52	PFTA	376-06-7	12.51	713.053 > 668.976	424		0.104		YES	
53	M2PFTEDA	INT STD	12.51	715.053 > 669.945	48073		8.581		na	85.8

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Method: C:\MassLynx\Data\2019\190411_537ISO.PRO\MethDB\537ISO_Q_190215_RT.mdb 10 Apr 2019 16:27:50

Calibration: C:\MassLynx\Data\2019\190411_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 08:45:17

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBA

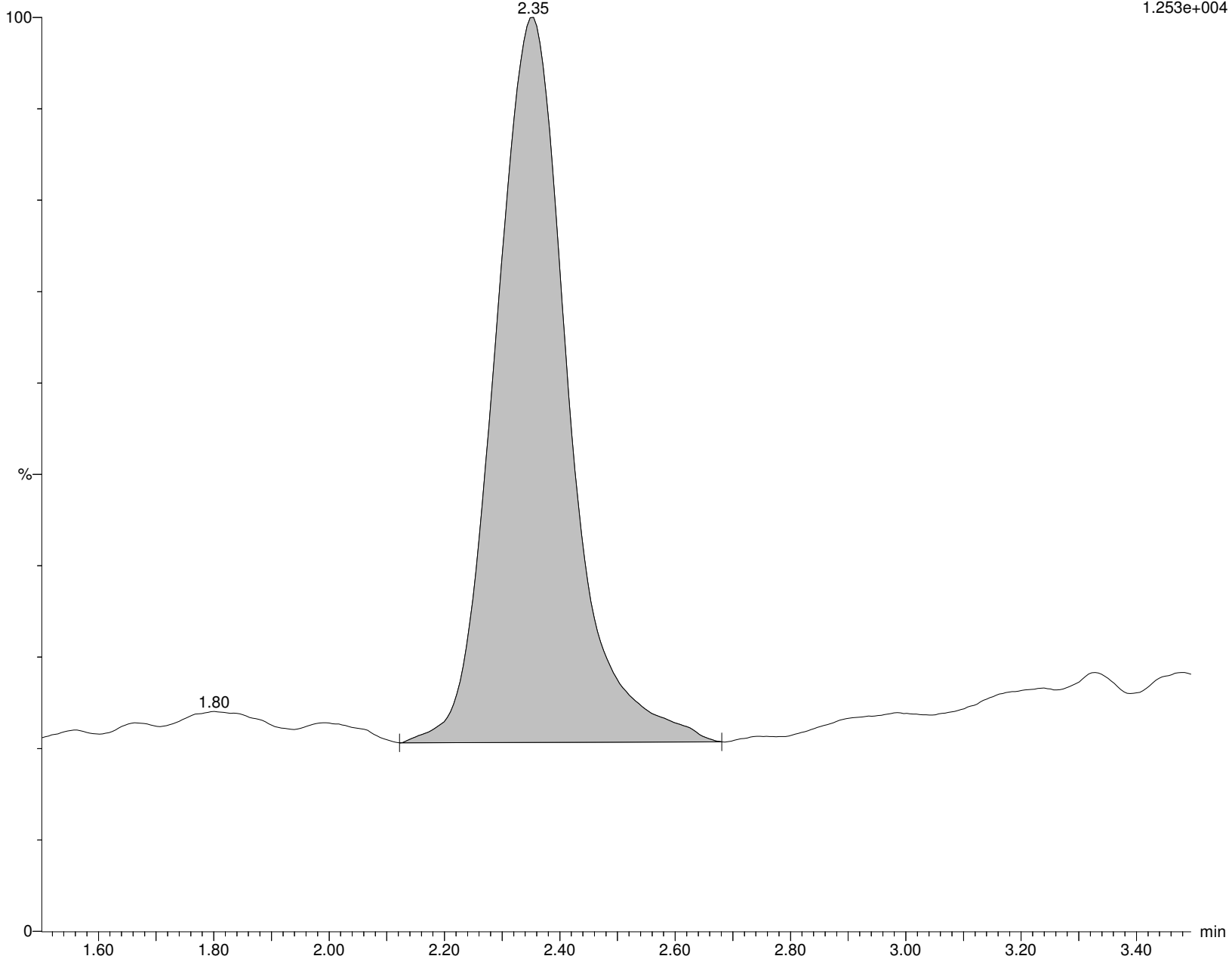
I3793 Smooth(Mn,2x5)

WG1225360, WG1224866, ICAL15513 L1913816-03

F1:MRM of 1 channel,ES-

212.926 > 169.111

1.253e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBA

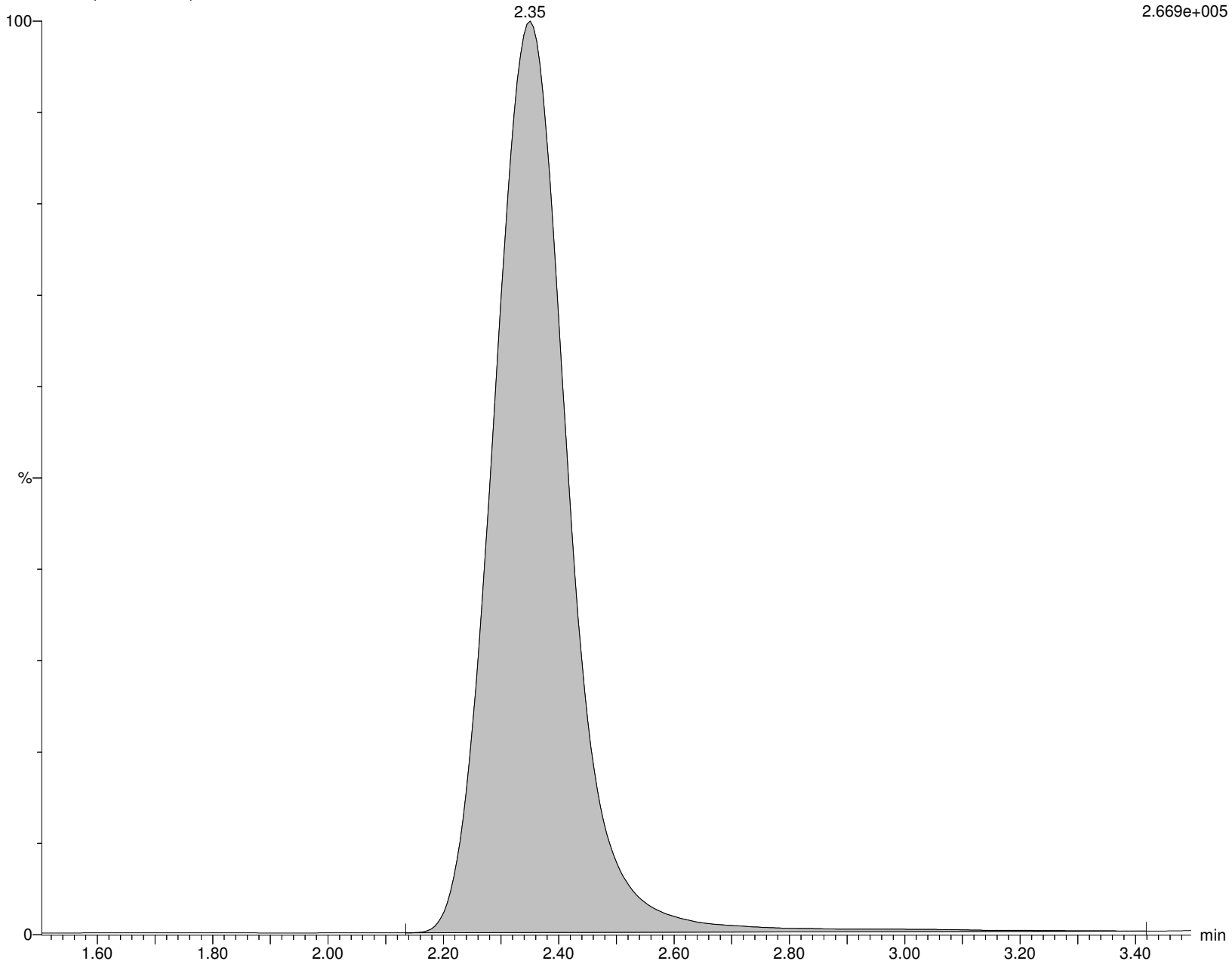
I3793 Smooth(Mn,2x6)

WG1225360, WG1224866, ICAL15513 L1913816-03

F2:MRM of 1 channel, ES-

215.926 > 172.122

2.669e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFBA

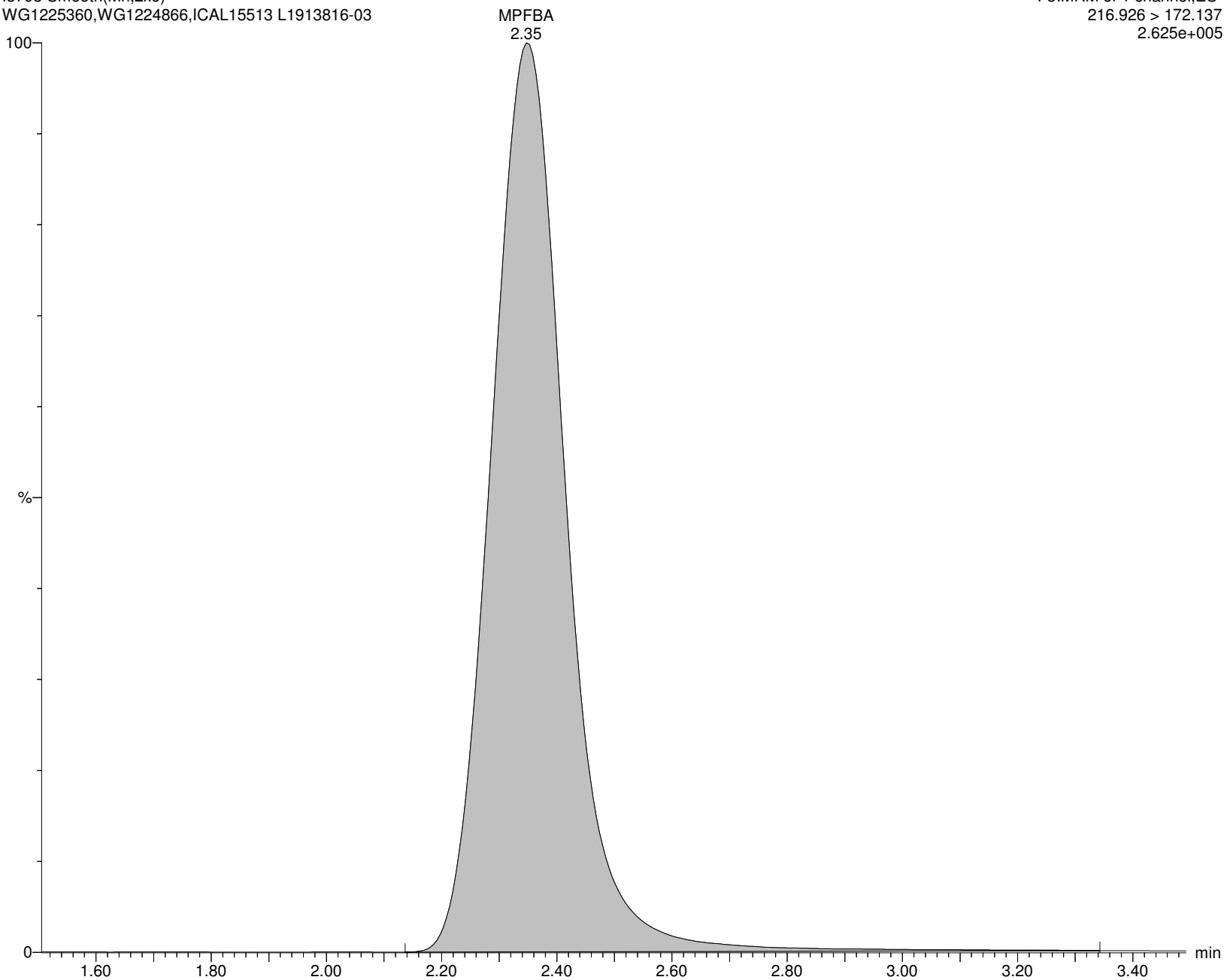
I3793 Smooth(Mn,2x6)

WG1225360,WG1224866,ICAL15513 L1913816-03

F3:MRM of 1 channel,ES-

216.926 > 172.137

2.625e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeA

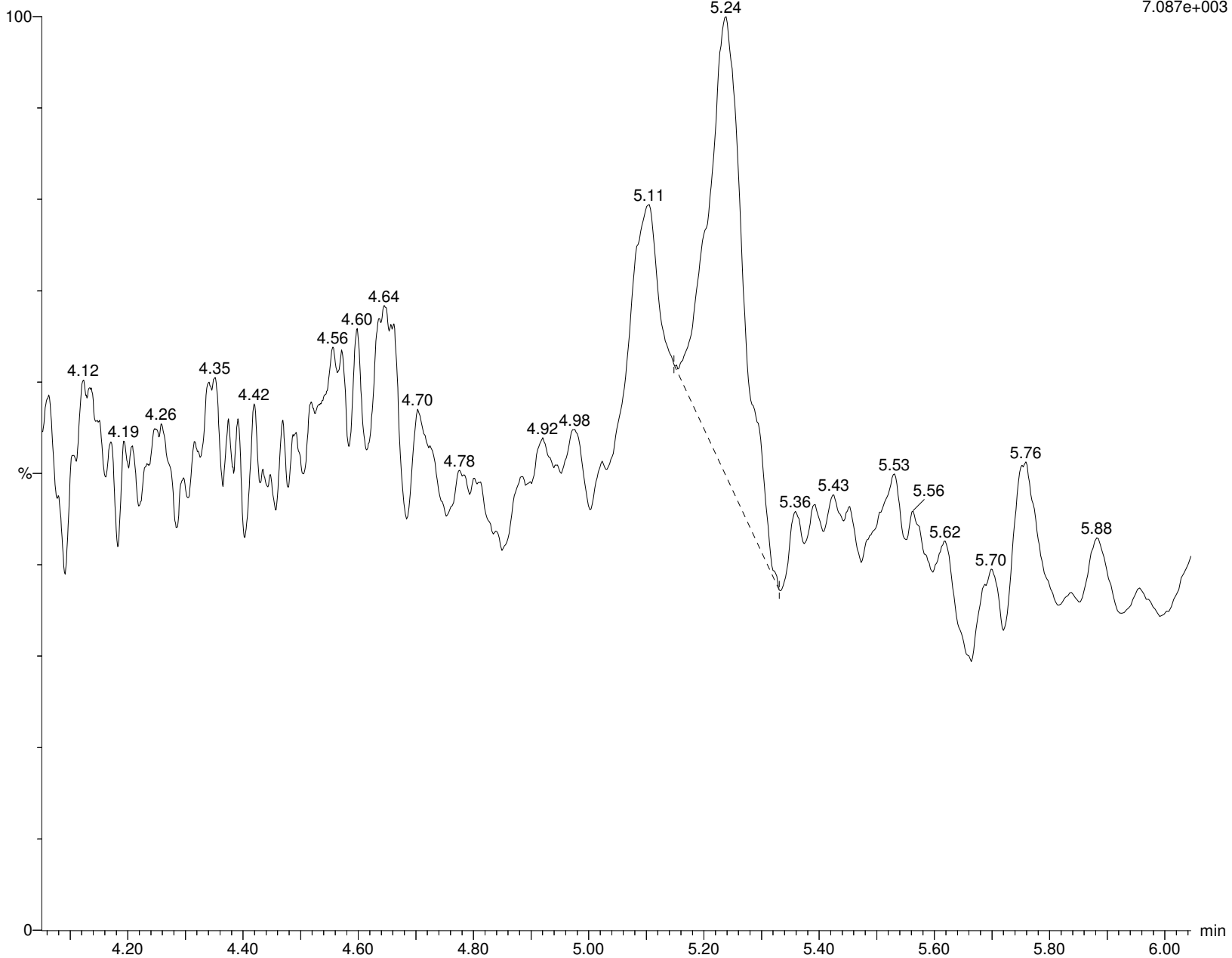
I3793 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513 L1913816-03

F4:MRM of 2 channels,ES-

262.926 > 219.002

7.087e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFPEA

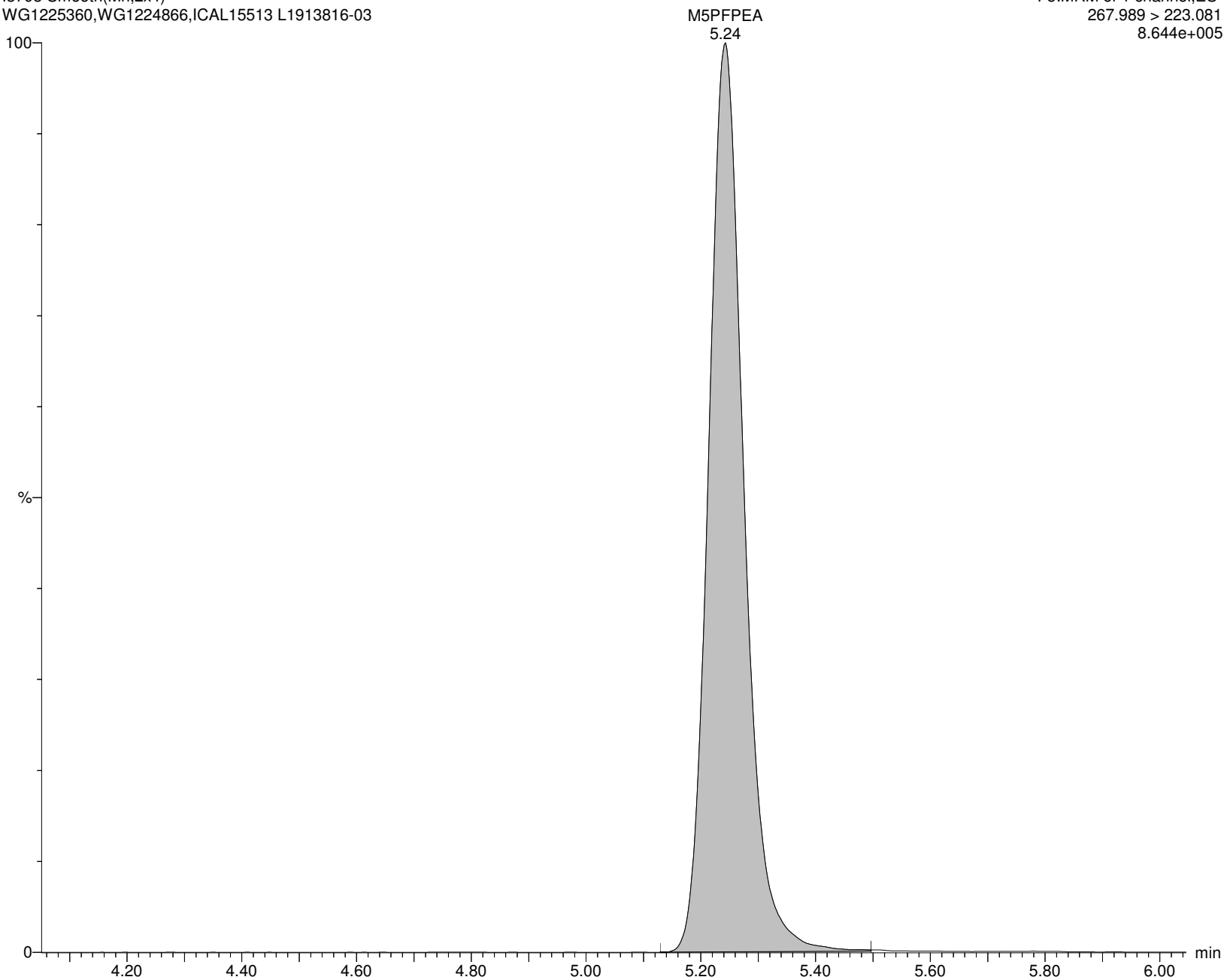
I3793 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513 L1913816-03

F5:MRM of 1 channel,ES-

267.989 > 223.081

8.644e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBS

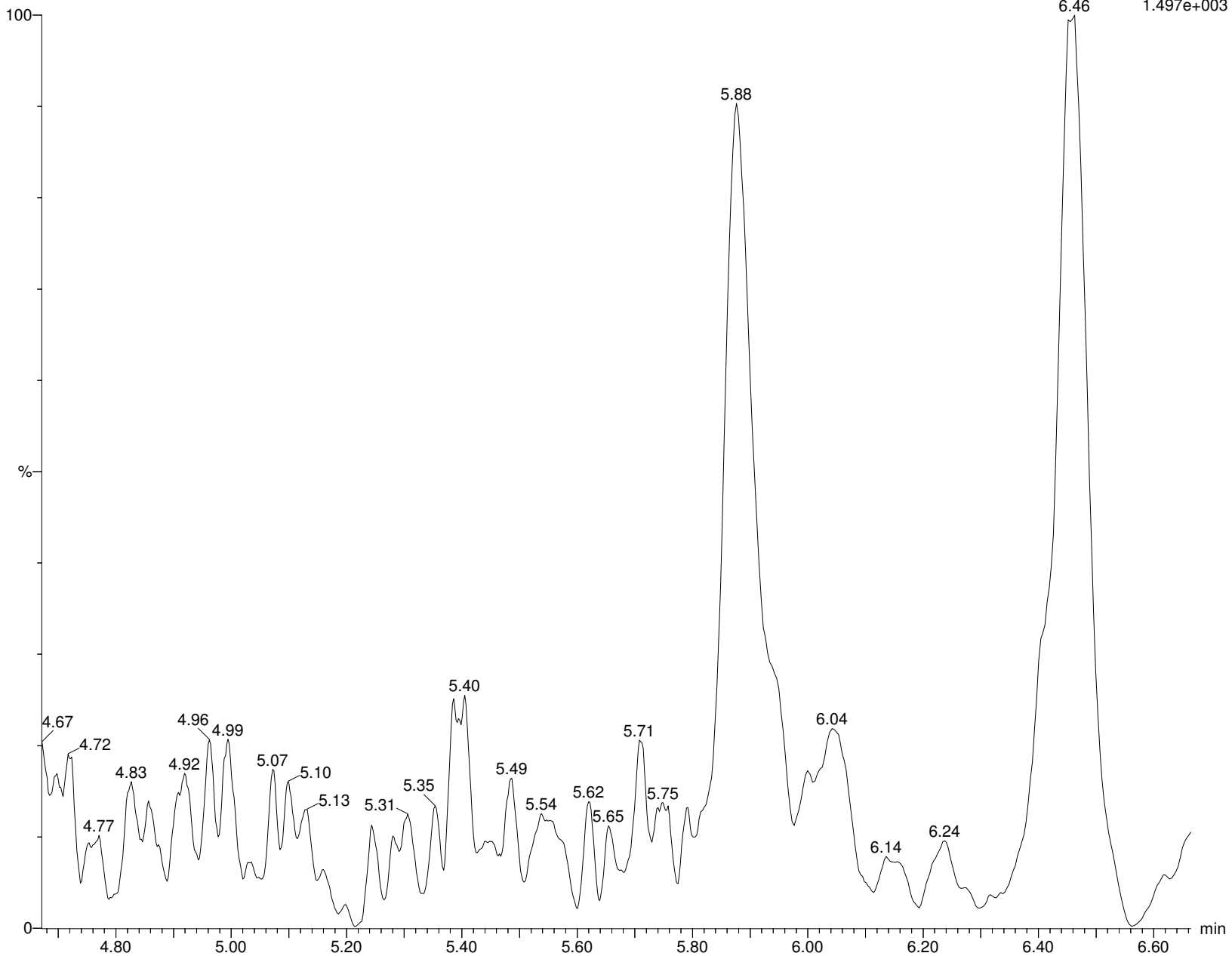
I3793 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-03

F6:MRM of 2 channels,ES-

298.989 > 80.295

1.497e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBS

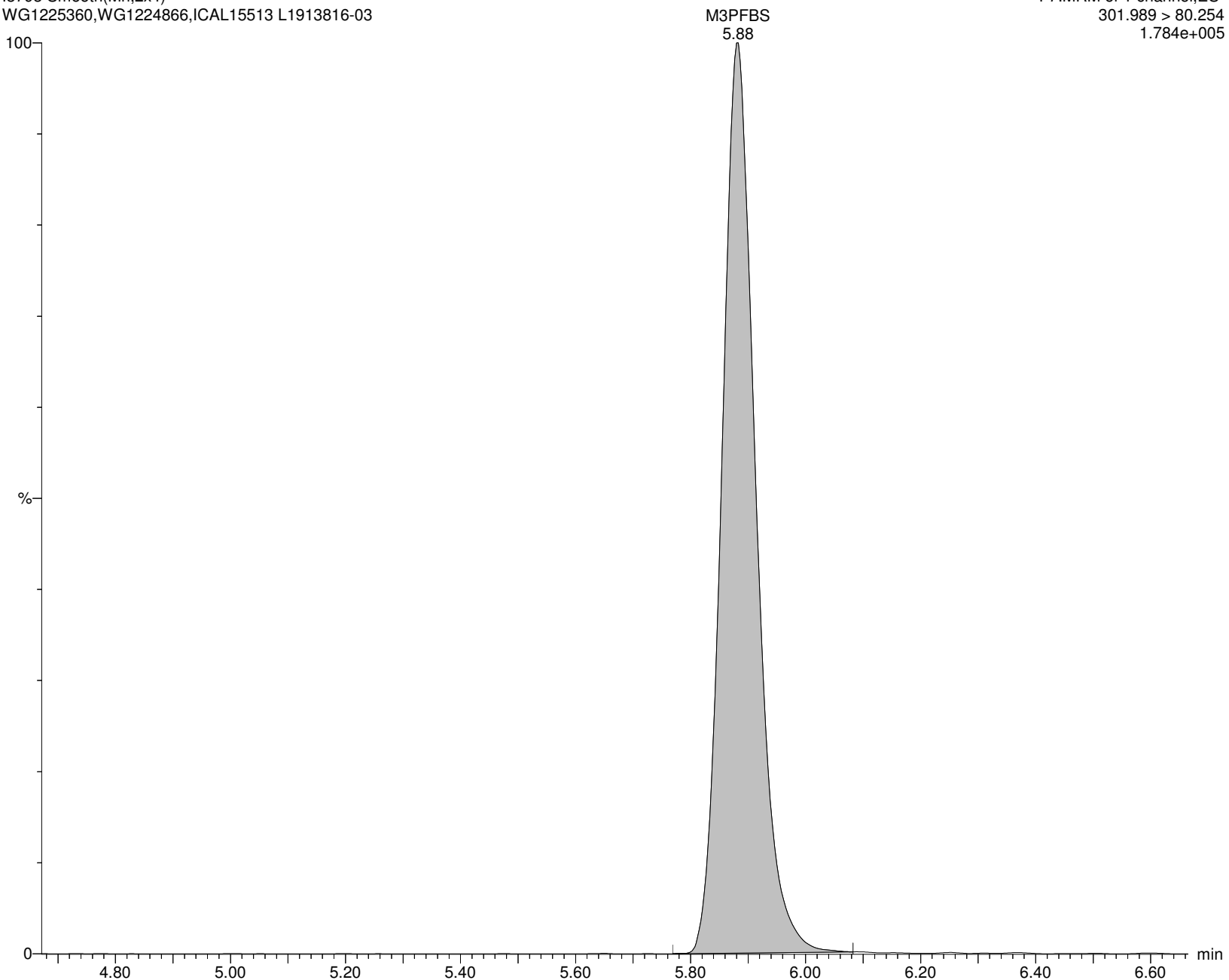
I3793 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513 L1913816-03

F7:MRM of 1 channel,ES-

301.989 > 80.254

1.784e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

4:2FTS

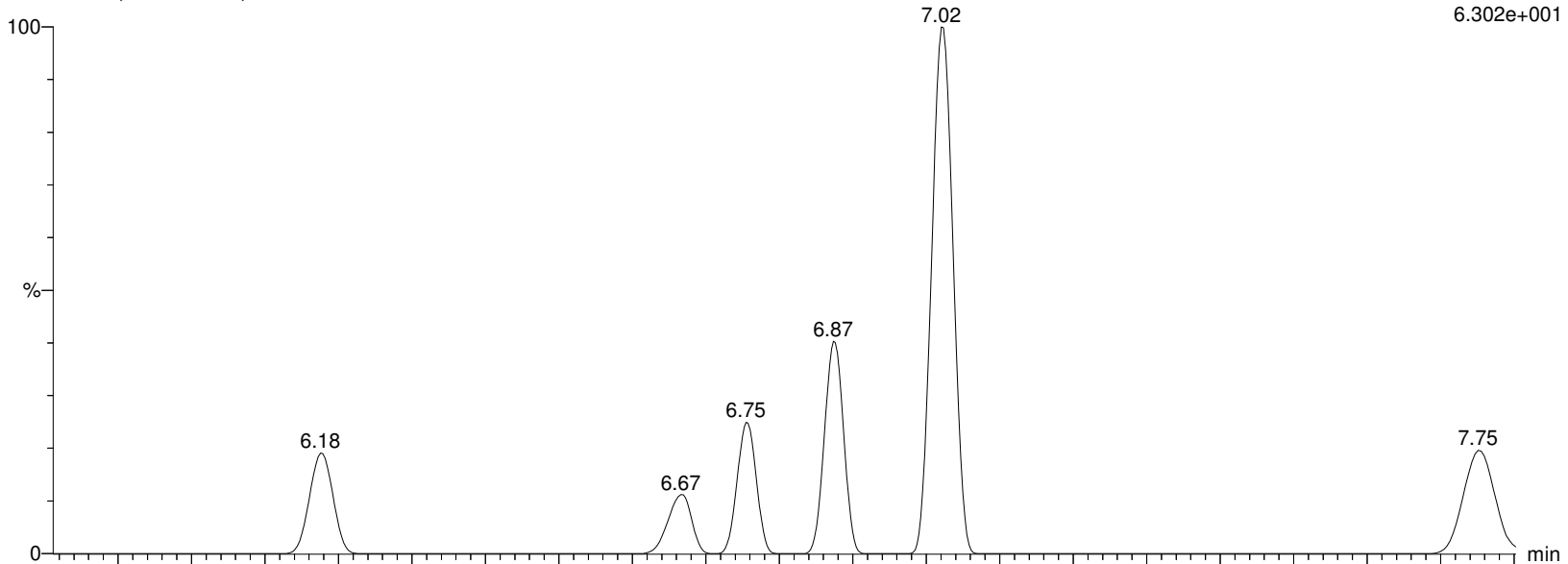
I3793 Smooth(Mn,5x3)

WG1225360,WG1224866,ICAL15513 L1913816-03

F10:MRM of 2 channels,ES-

326.926 > 306.957

6.302e+001



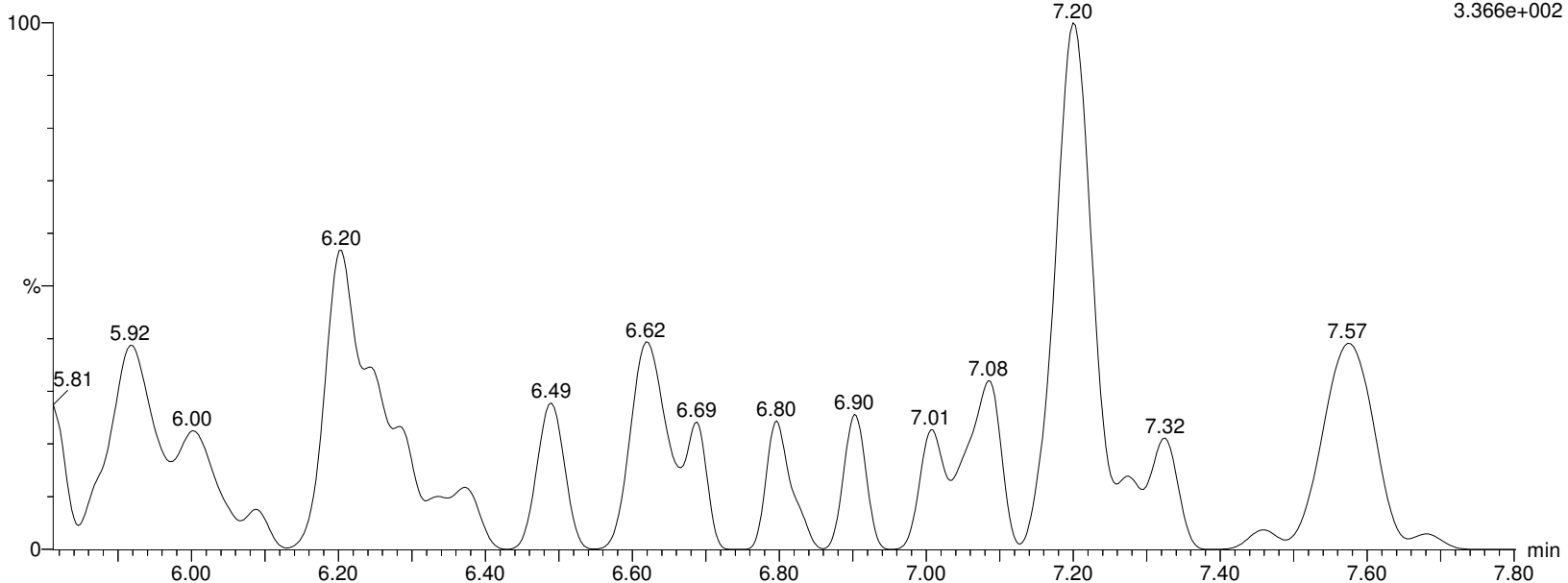
I3793 Smooth(Mn,5x3)

WG1225360,WG1224866,ICAL15513 L1913816-03

F10:MRM of 2 channels,ES-

326.926 > 81.02

3.366e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-4:2FTS

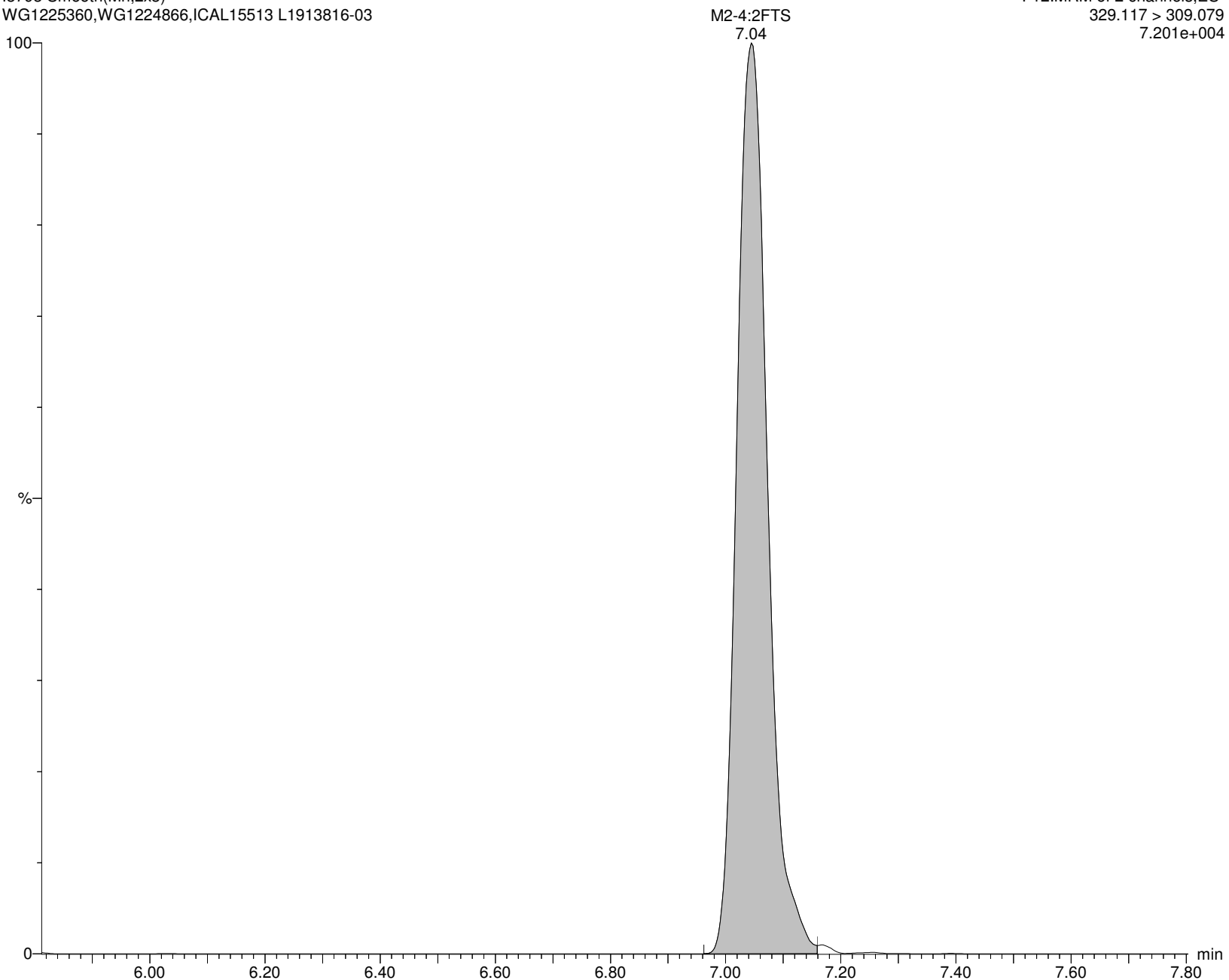
I3793 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-03

F12:MRM of 2 channels,ES-

329.117 > 309.079

7.201e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxA

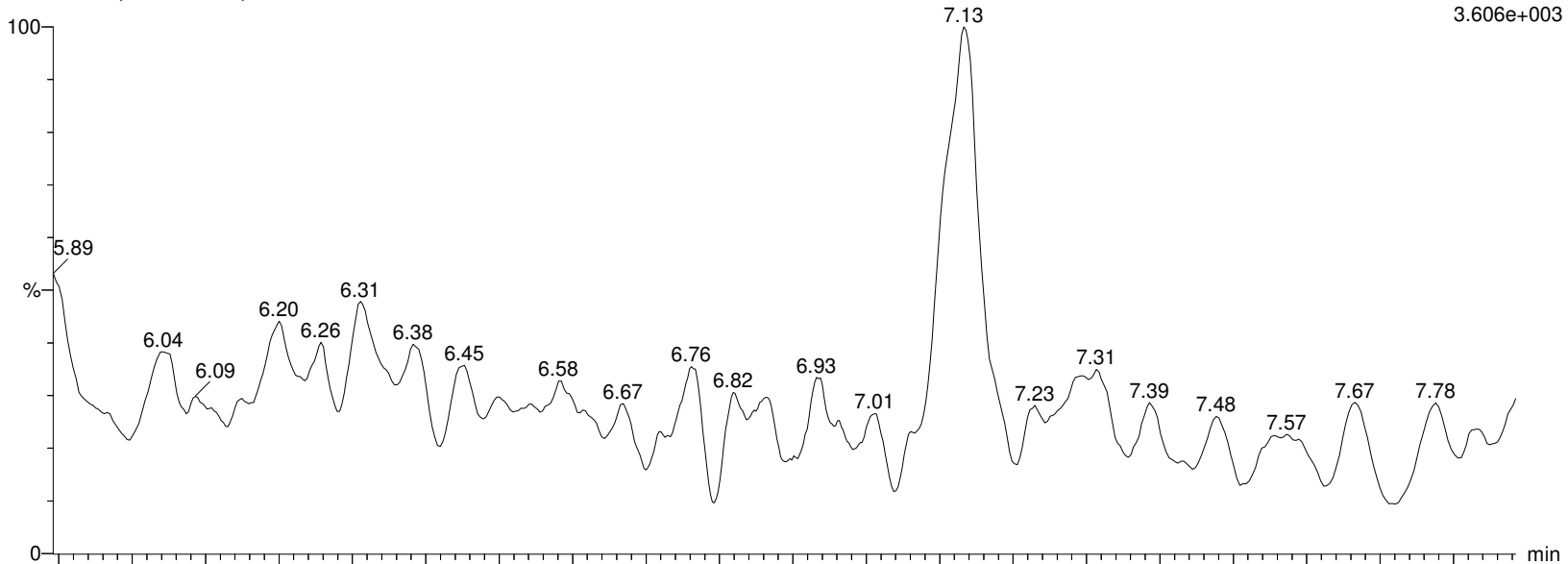
I3793 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-03

F8:MRM of 2 channels,ES-

312.989 > 269.028

3.606e+003



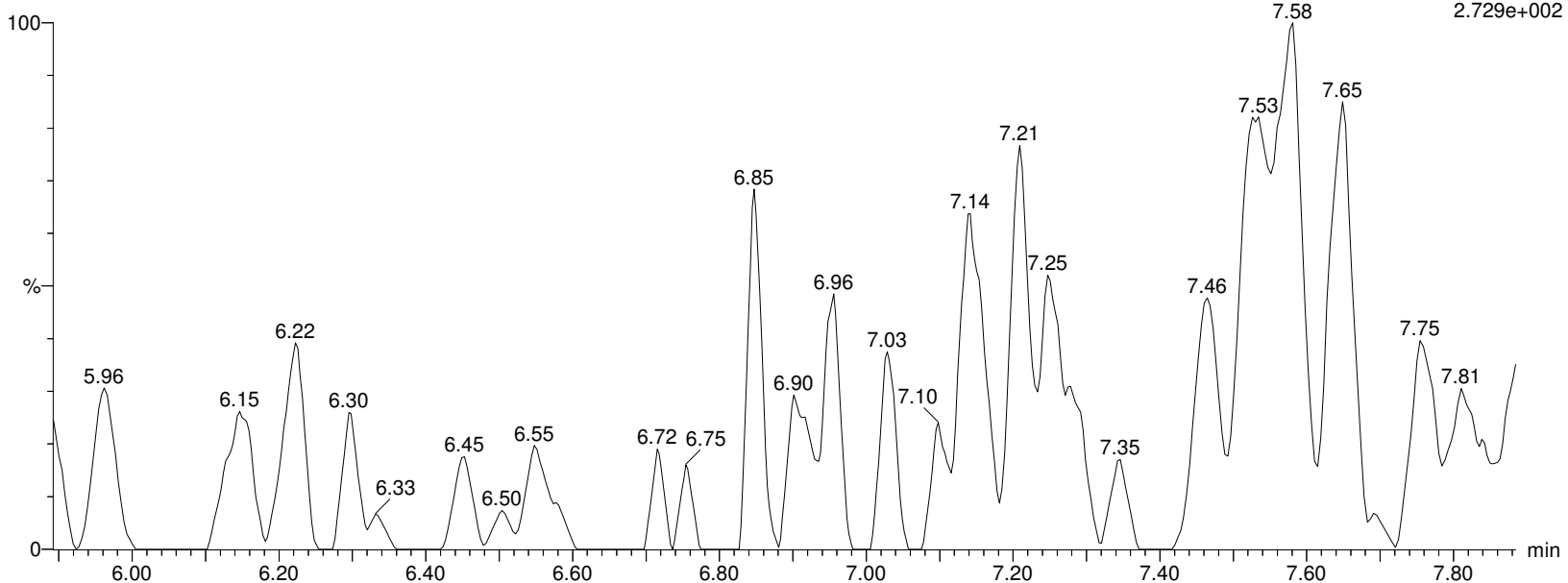
I3793 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-03

F8:MRM of 2 channels,ES-

312.989 > 119.18

2.729e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFHxA

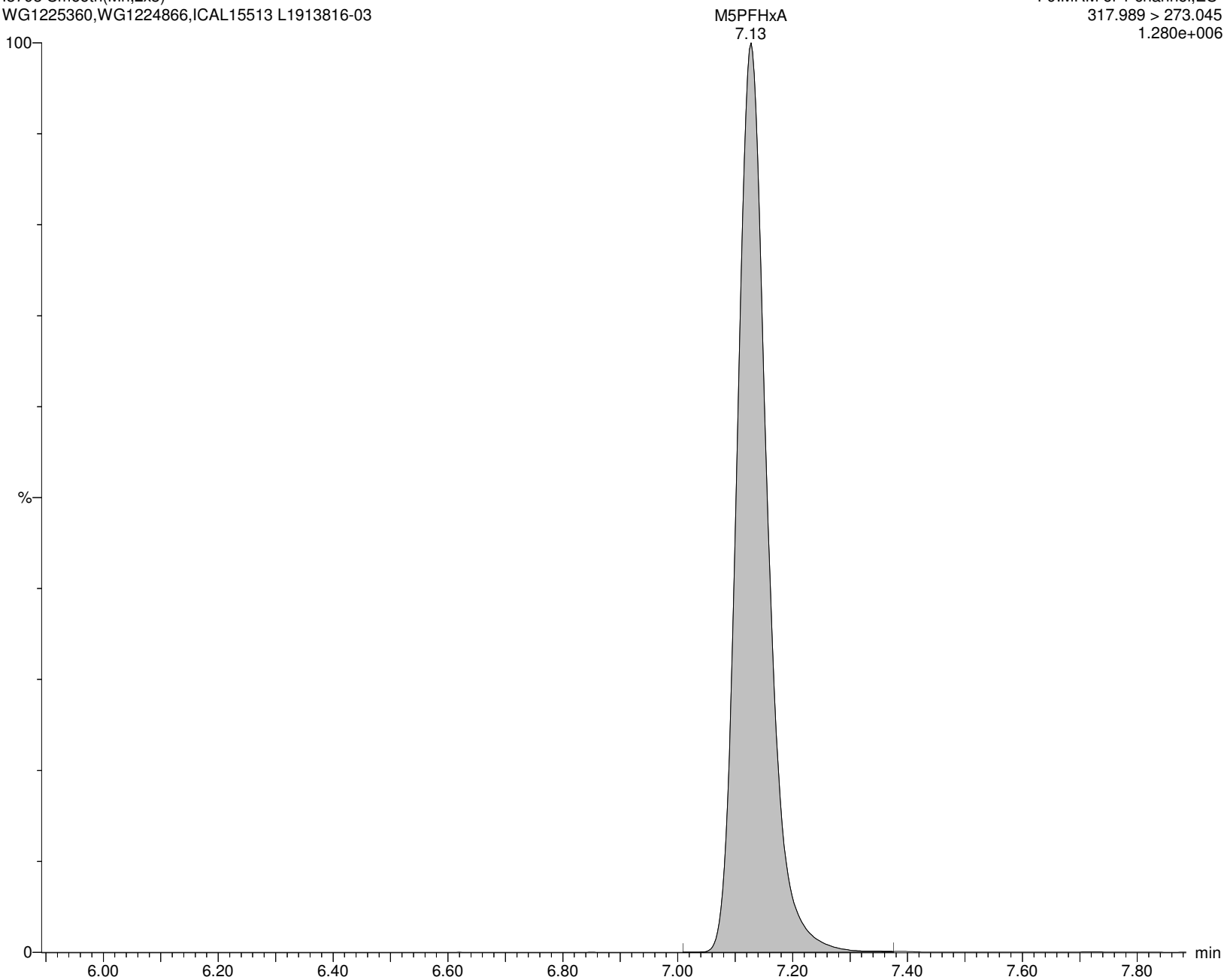
I3793 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-03

F9:MRM of 1 channel,ES-

317.989 > 273.045

1.280e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeS

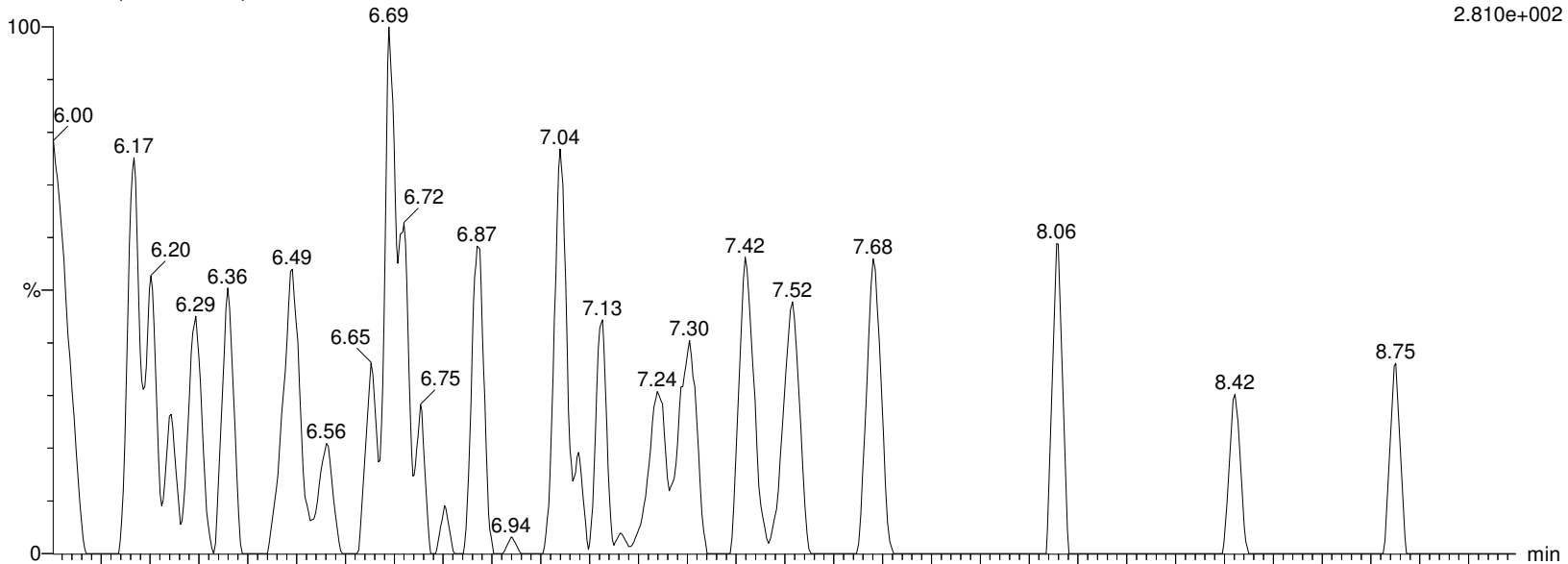
I3793 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-03

F14:MRM of 2 channels,ES-

348.926 > 80.251

2.810e+002



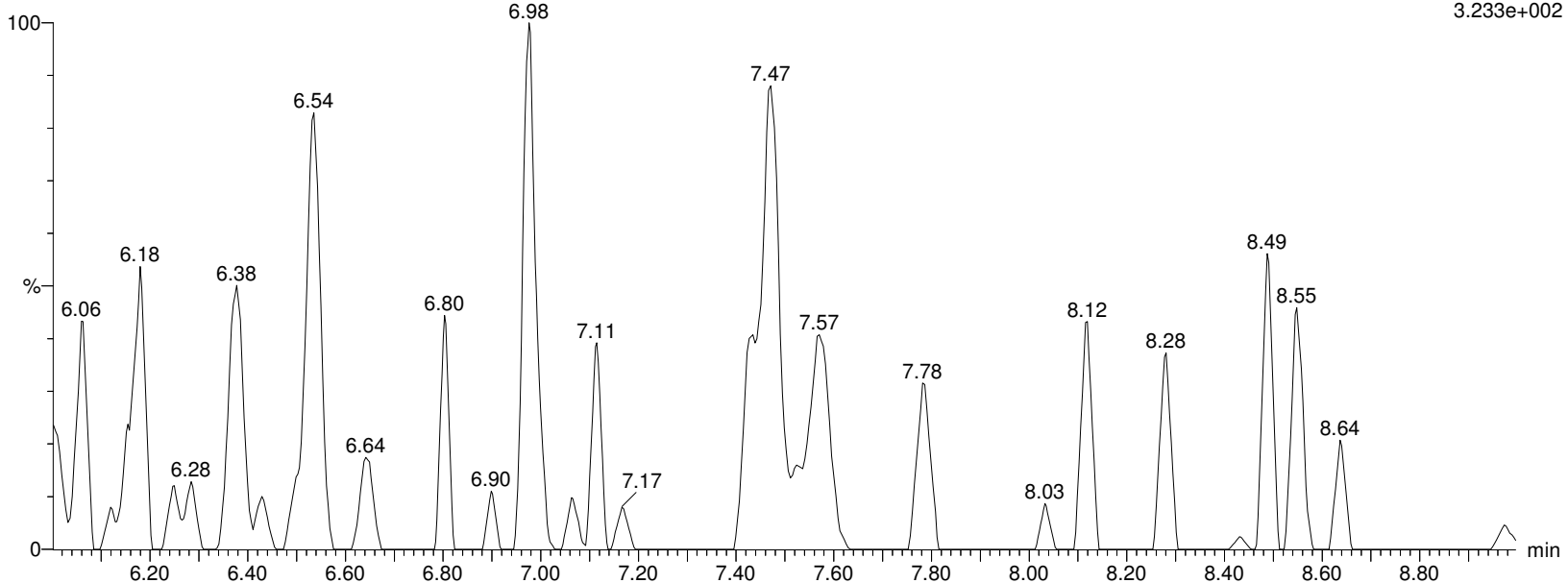
I3793 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-03

F14:MRM of 2 channels,ES-

348.926 > 99.16

3.233e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpA

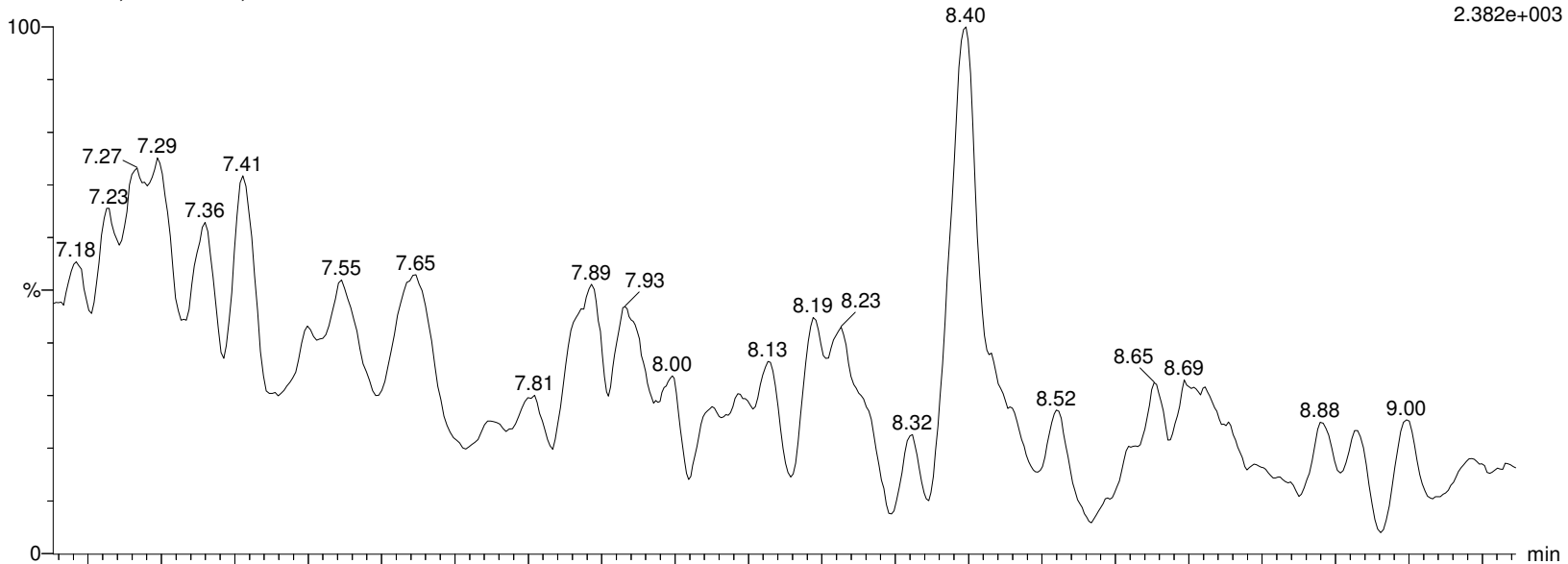
I3793 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-03

F15:MRM of 2 channels,ES-

362.926 > 319.014

2.382e+003



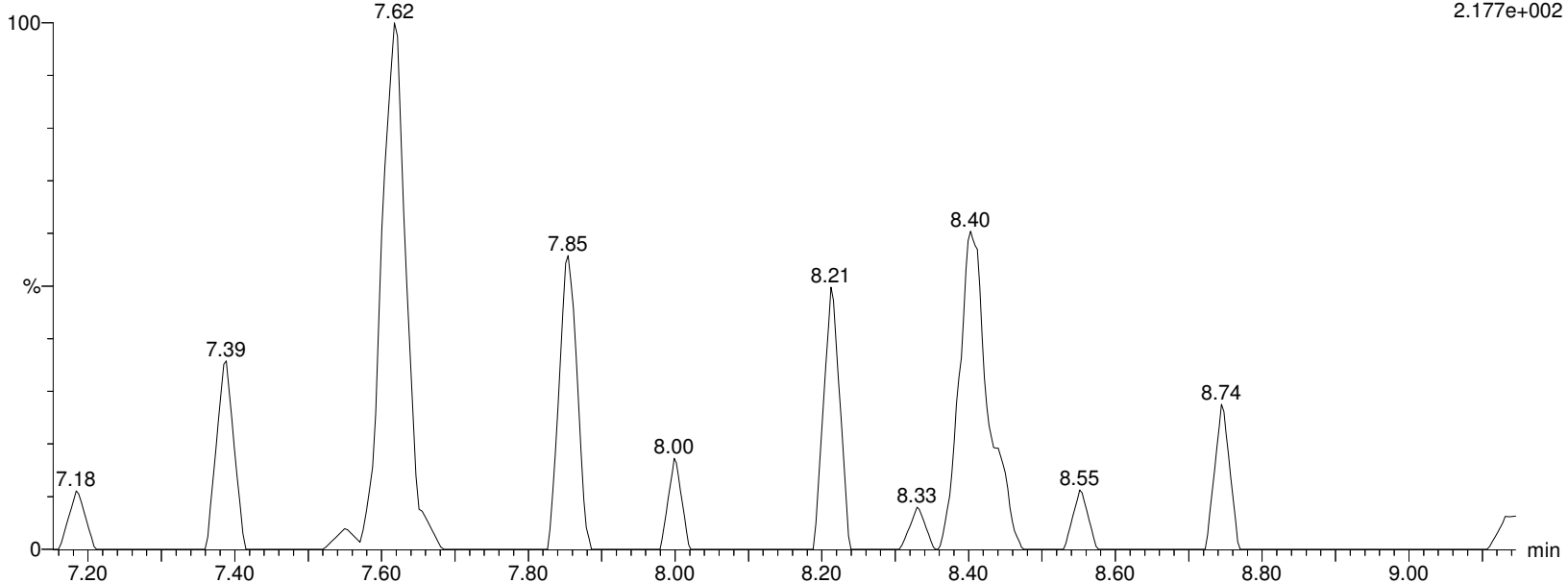
I3793 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-03

F15:MRM of 2 channels,ES-

362.926 > 169.12

2.177e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793**ID: L1913816-03****Date: 11-Apr-2019****Time: 15:26:42****Description: WG1225360,WG1224866,ICAL15513****User: LCMS02:JW****Vial: 1:C,2****Instrument: XEVO-TQSmicro#QEB0050****Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B****Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR****MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP****M4PFHpA**

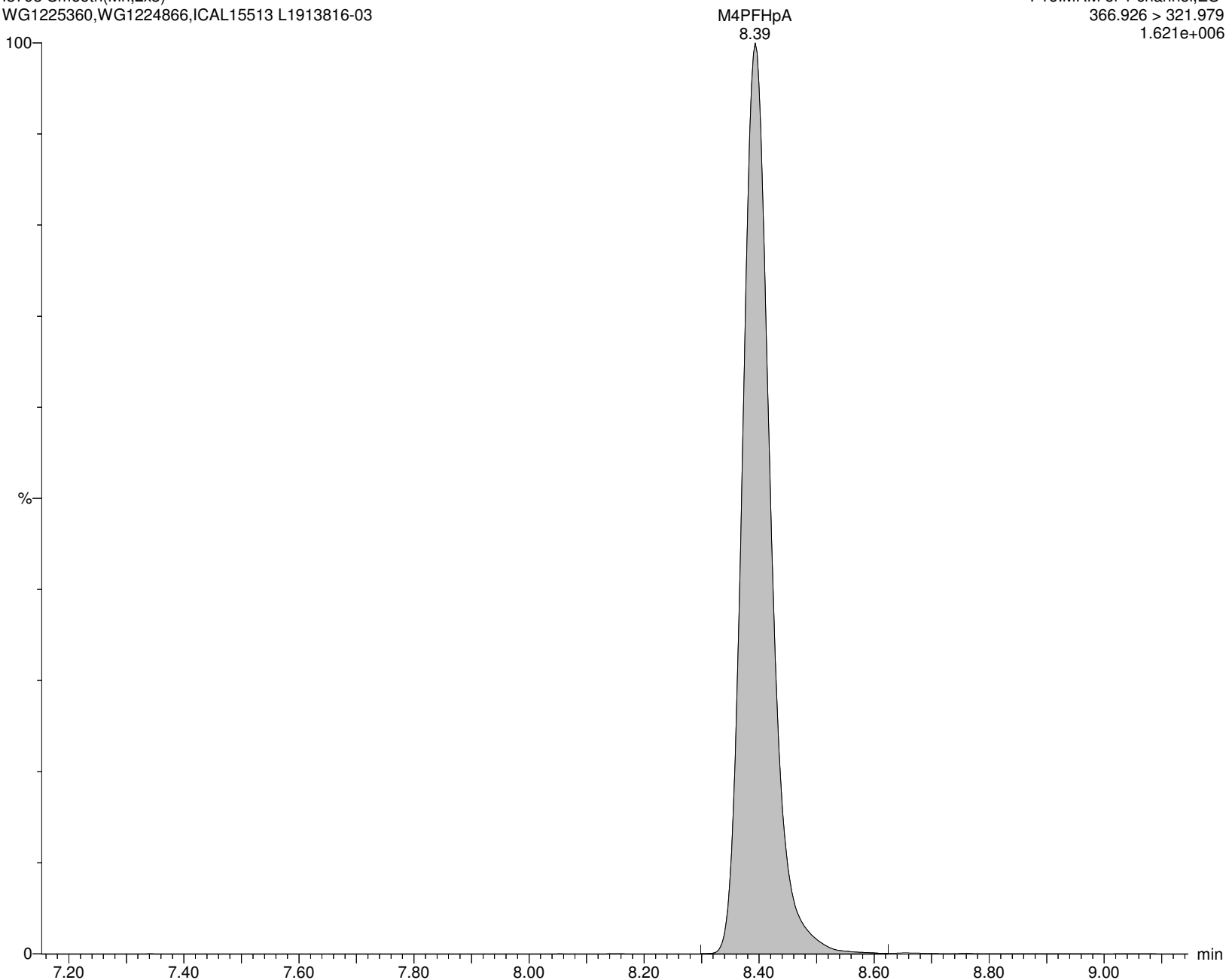
I3793 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-03

F16:MRM of 1 channel,ES-

366.926 > 321.979

1.621e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFHxS

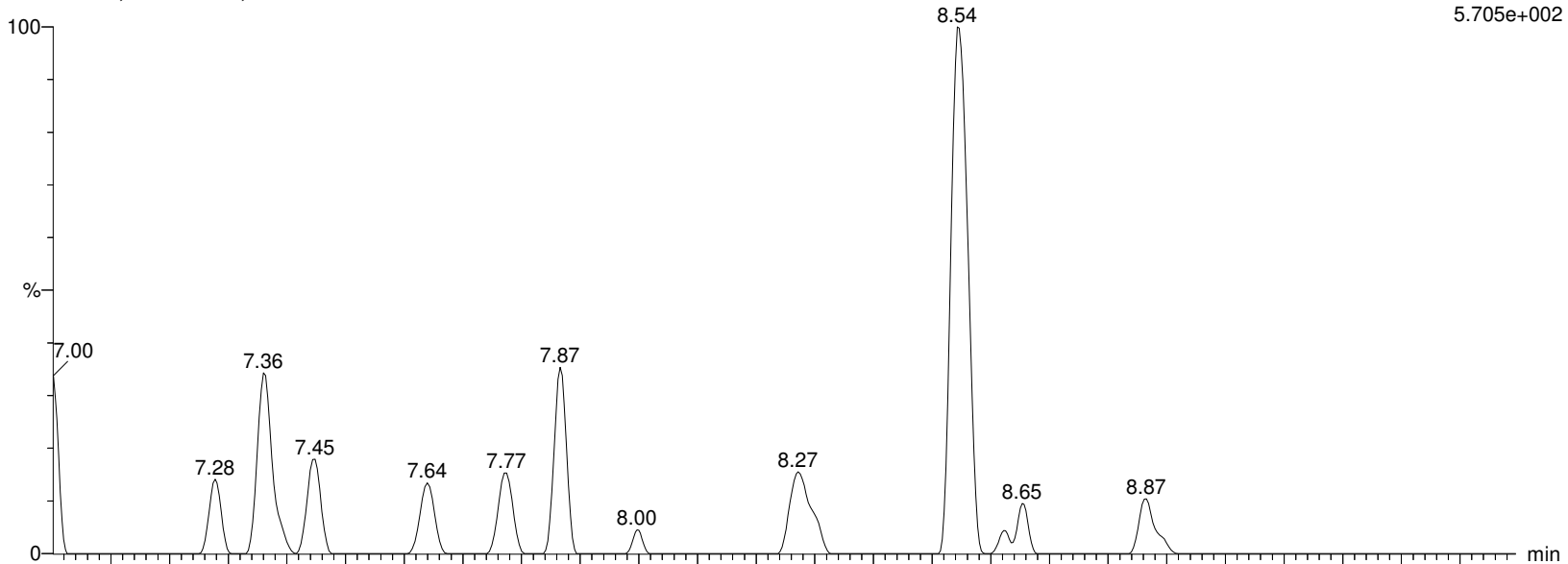
I3793 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-03

F18:MRM of 2 channels,ES-

398.926 > 80.295

5.705e+002



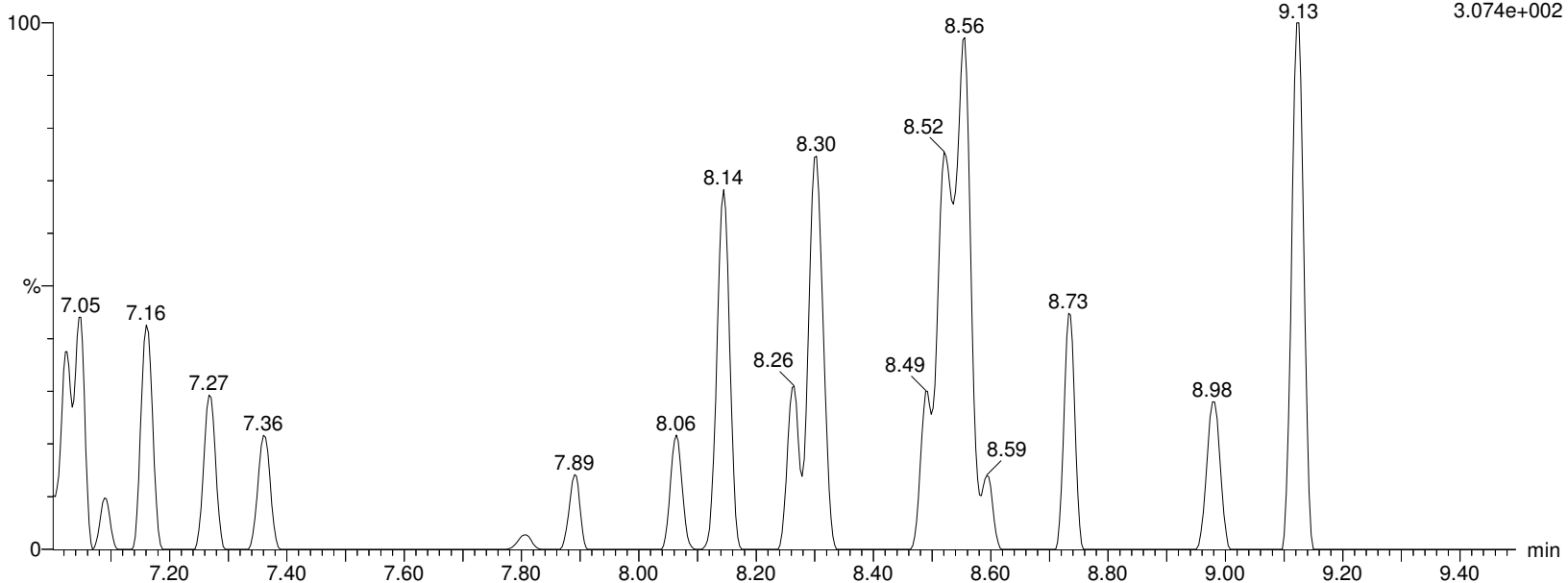
I3793 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-03

F18:MRM of 2 channels,ES-

398.926 > 99.2

3.074e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFHxS

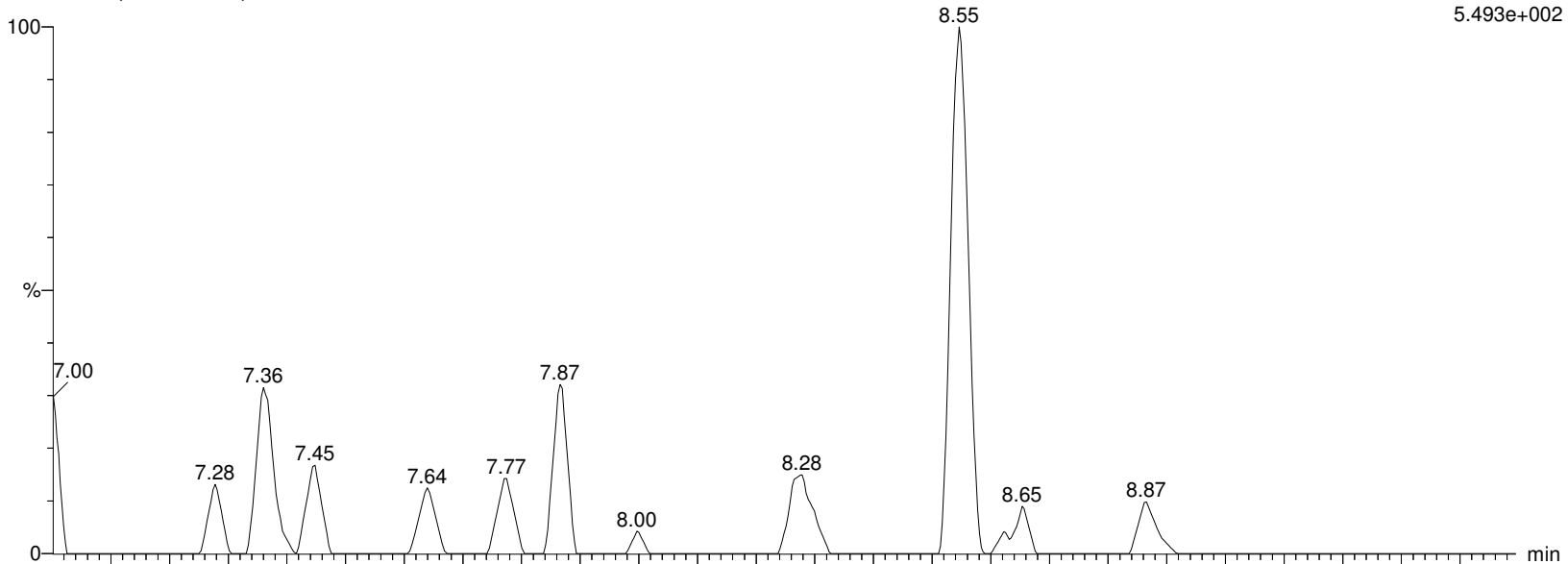
I3793 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-03

F18:MRM of 2 channels,ES-

398.926 > 80.295

5.493e+002



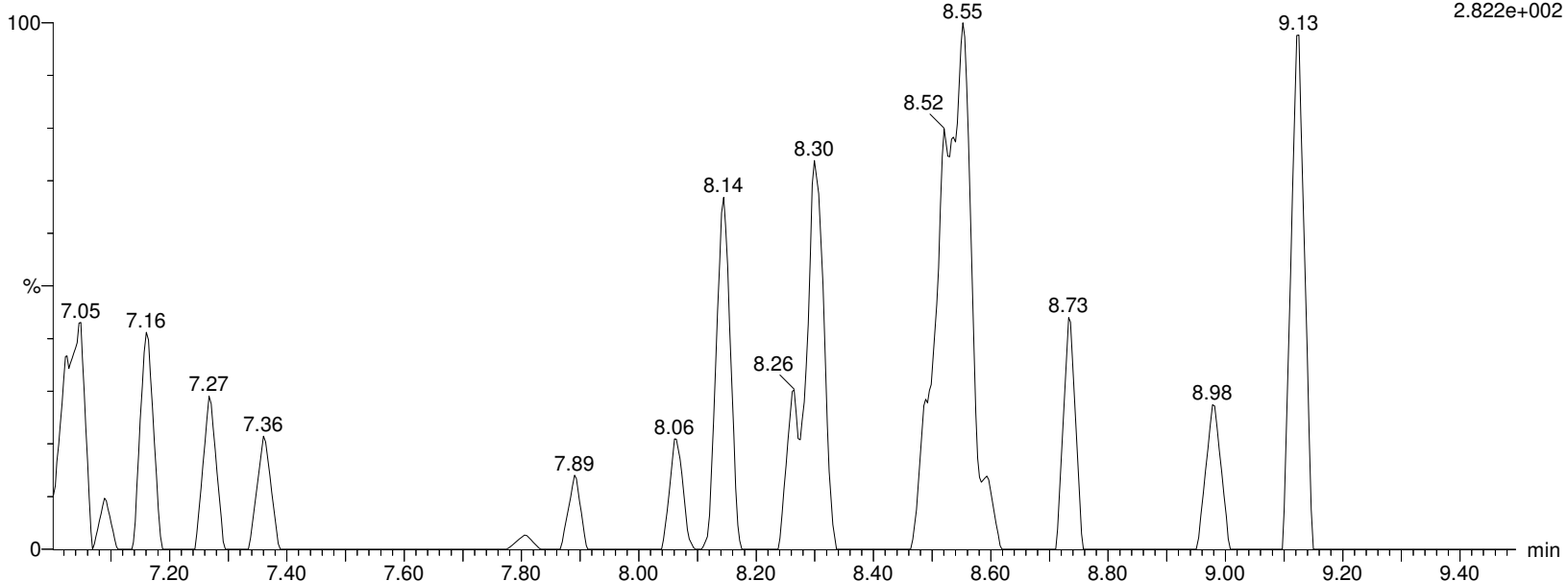
I3793 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-03

F18:MRM of 2 channels,ES-

398.926 > 99.2

2.822e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxS

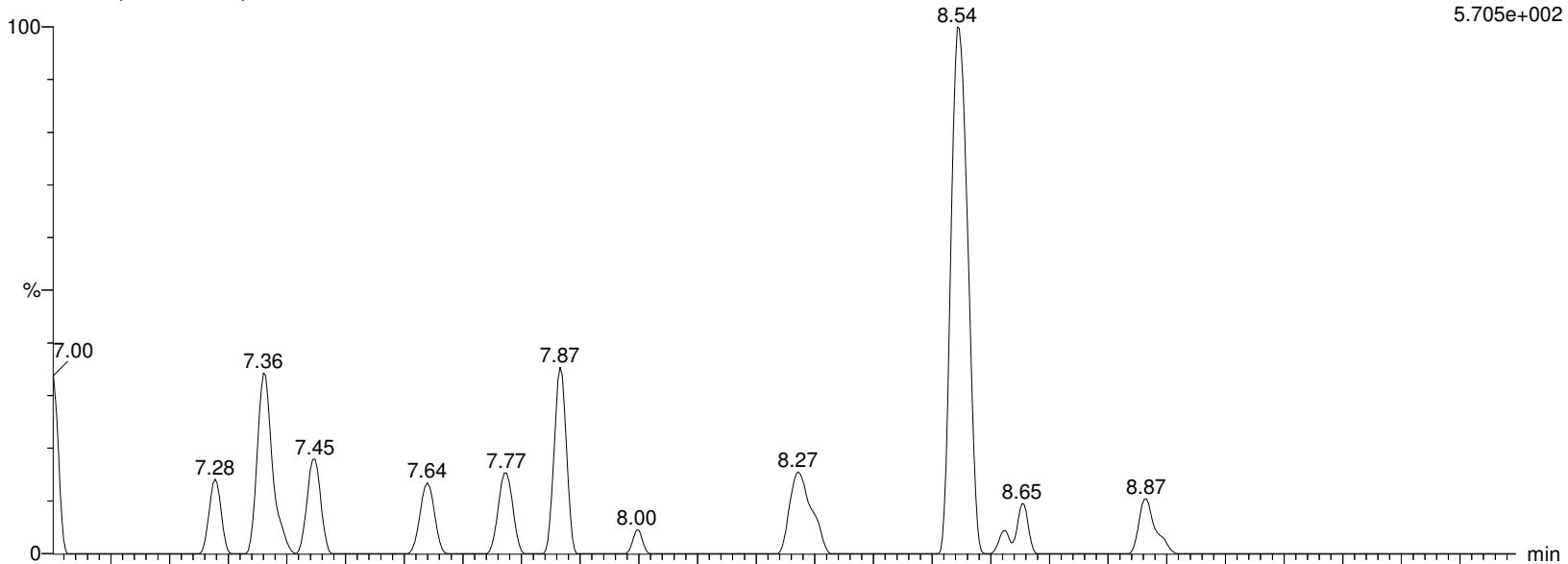
I3793 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-03

F18:MRM of 2 channels,ES-

398.926 > 80.295

5.705e+002



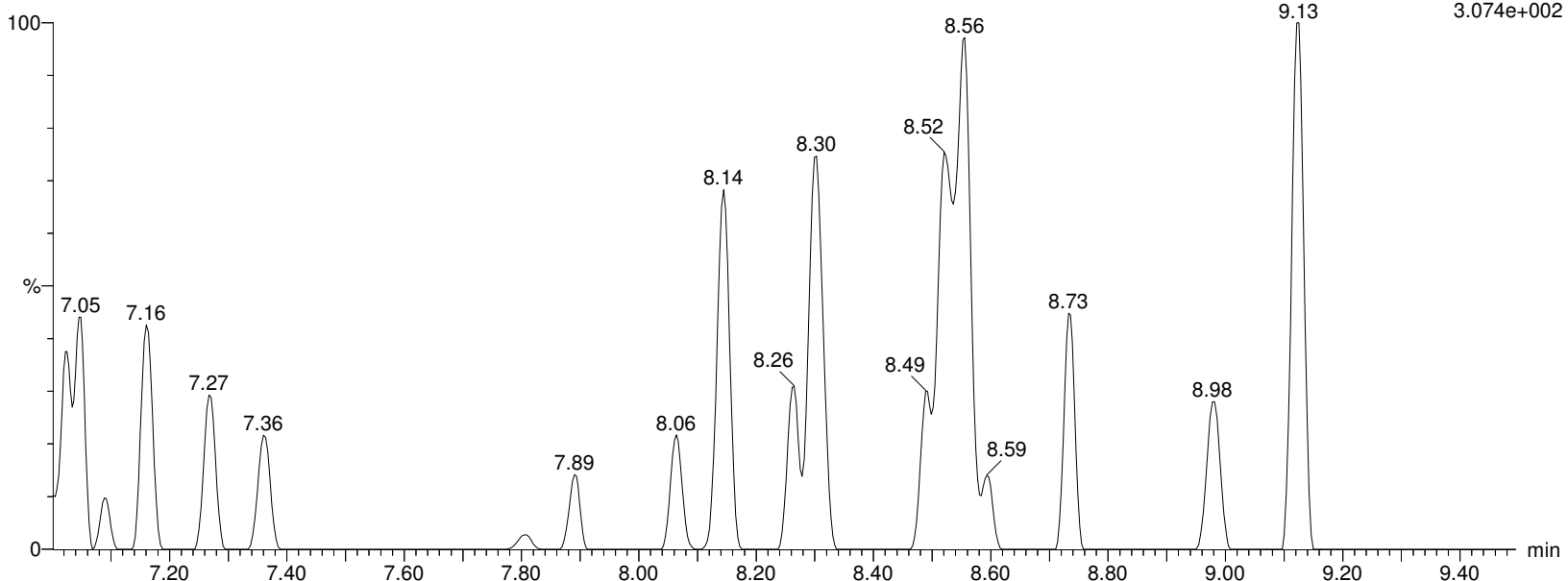
I3793 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-03

F18:MRM of 2 channels,ES-

398.926 > 99.2

3.074e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFHxS

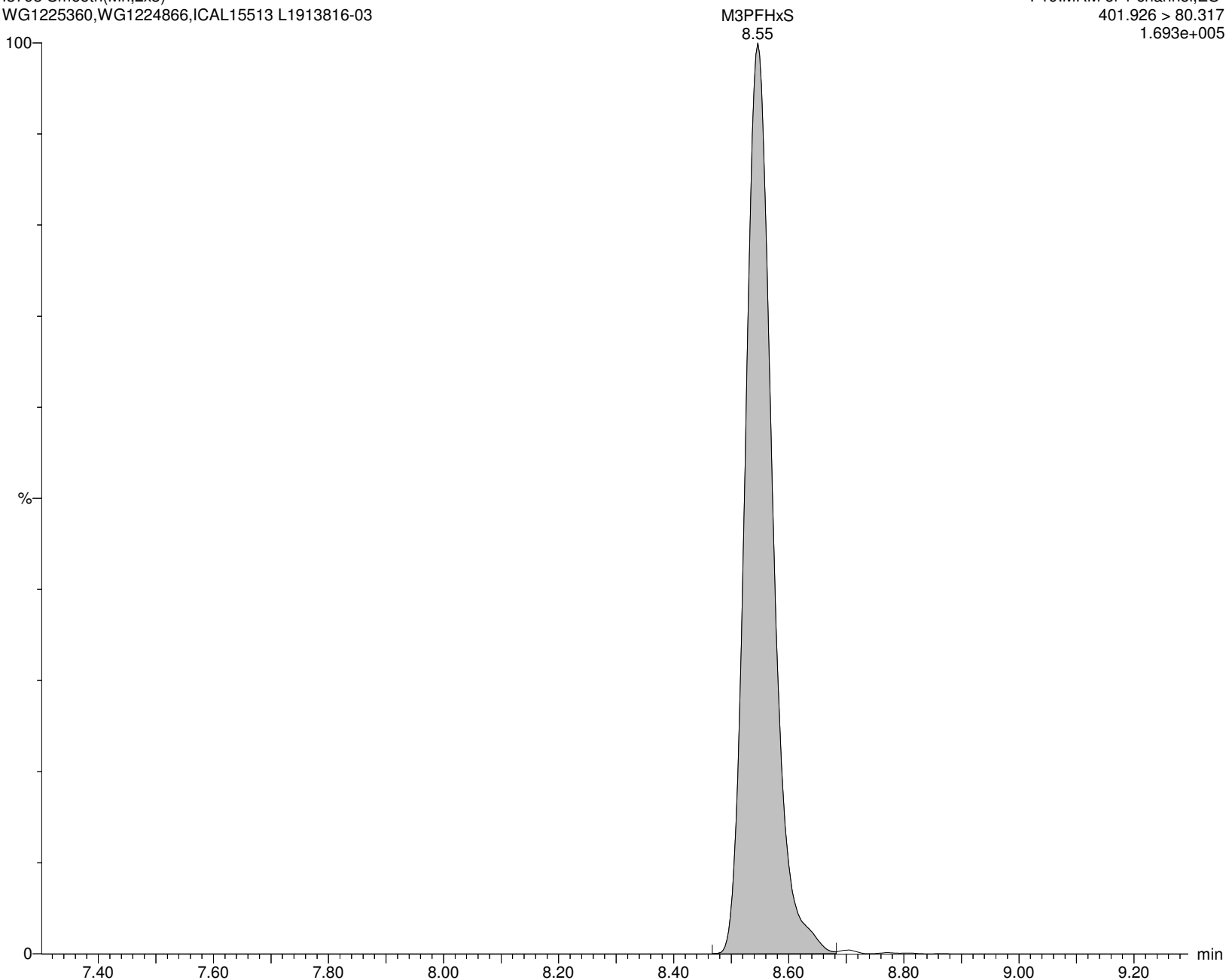
I3793 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-03

F19:MRM of 1 channel,ES-

401.926 > 80.317

1.693e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOA

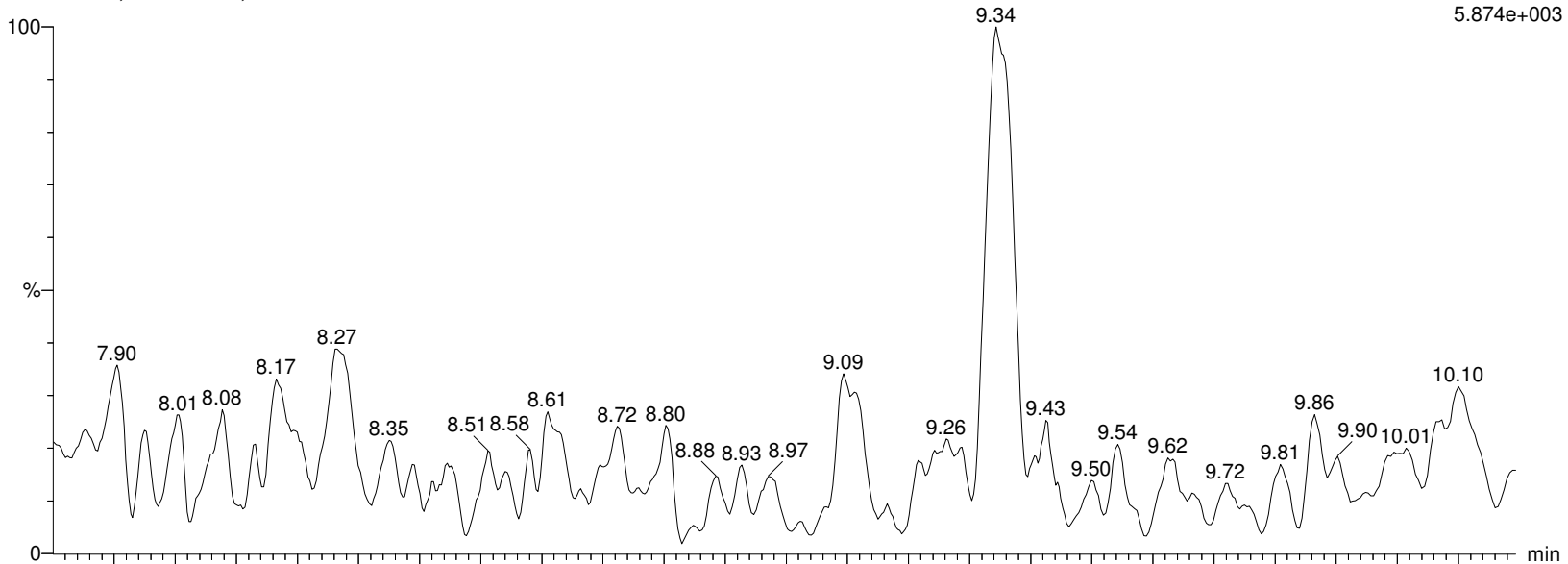
I3793 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-03

F20:MRM of 2 channels,ES-

412.989 > 368.9

5.874e+003



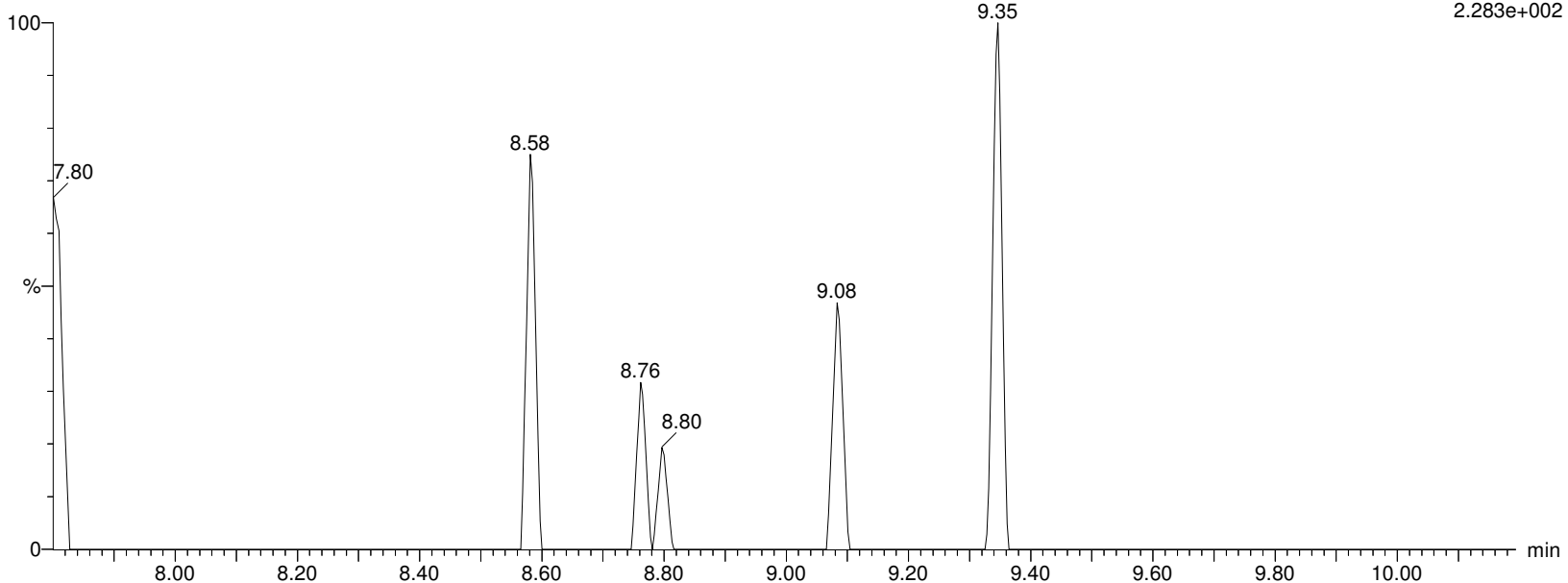
I3793 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-03

F20:MRM of 2 channels,ES-

412.989 > 219.08

2.283e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOA

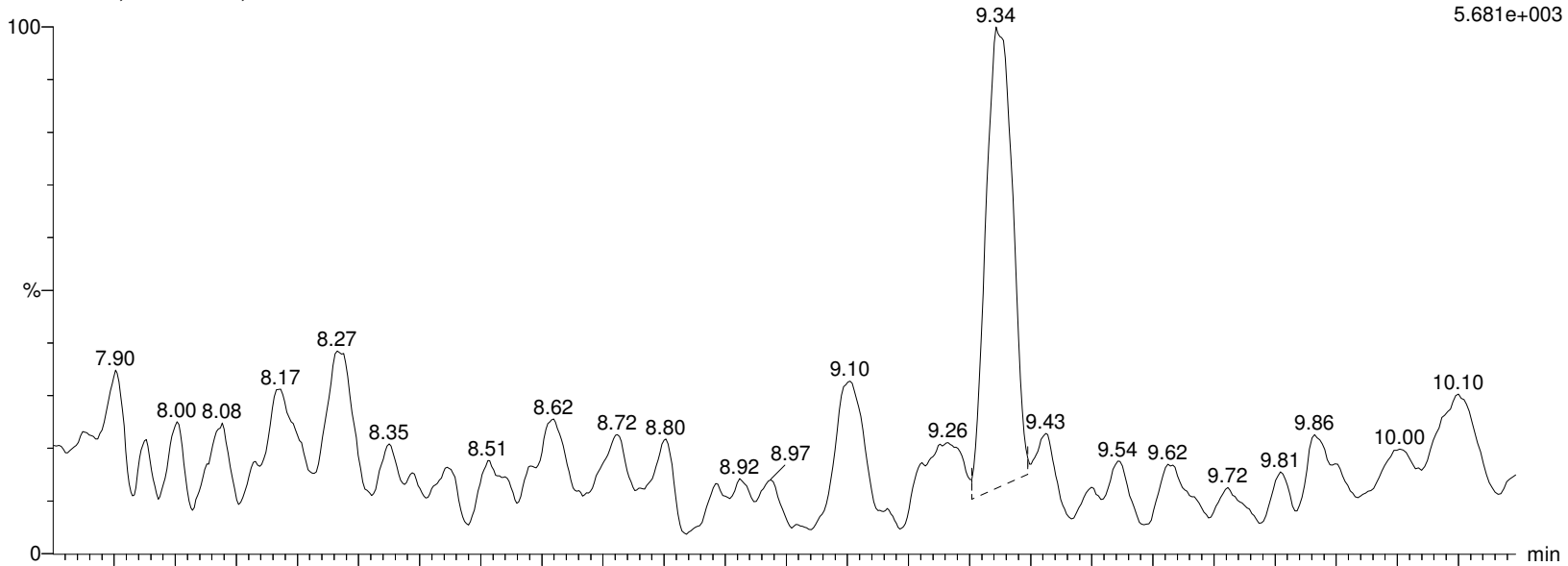
I3793 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-03

F20:MRM of 2 channels,ES-

412.989 > 368.9

5.681e+003



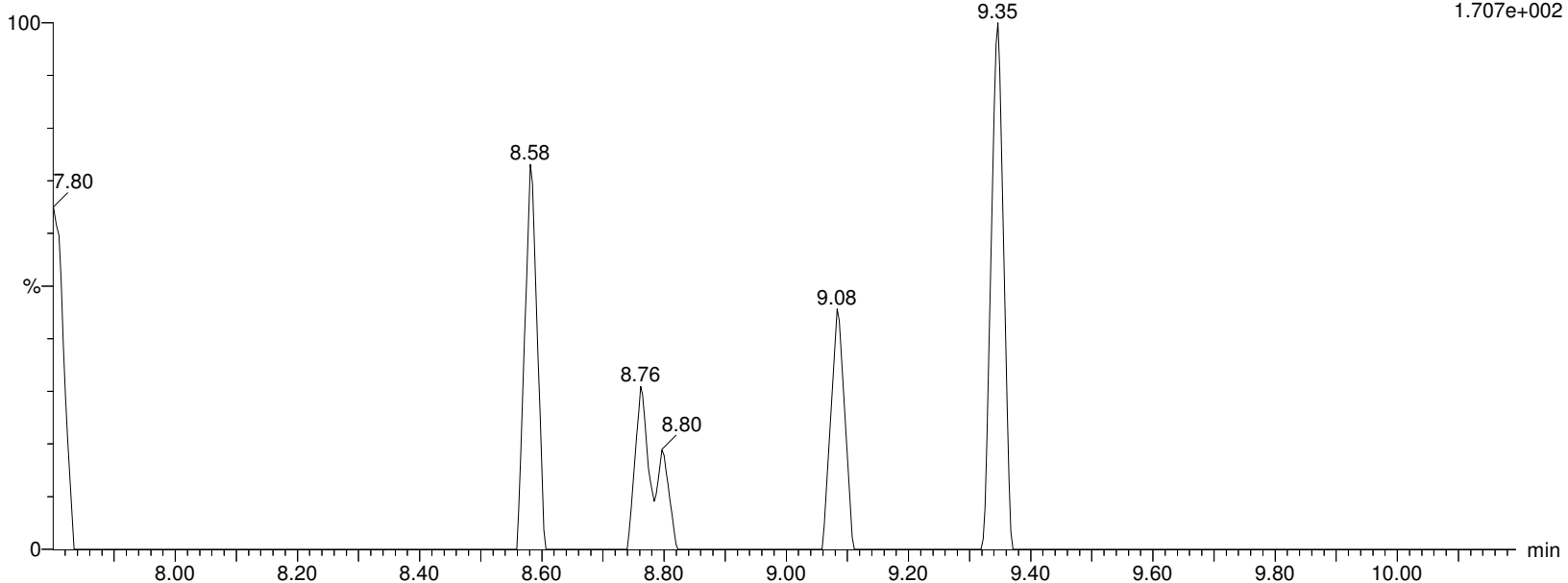
I3793 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-03

F20:MRM of 2 channels,ES-

412.989 > 219.08

1.707e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFOA

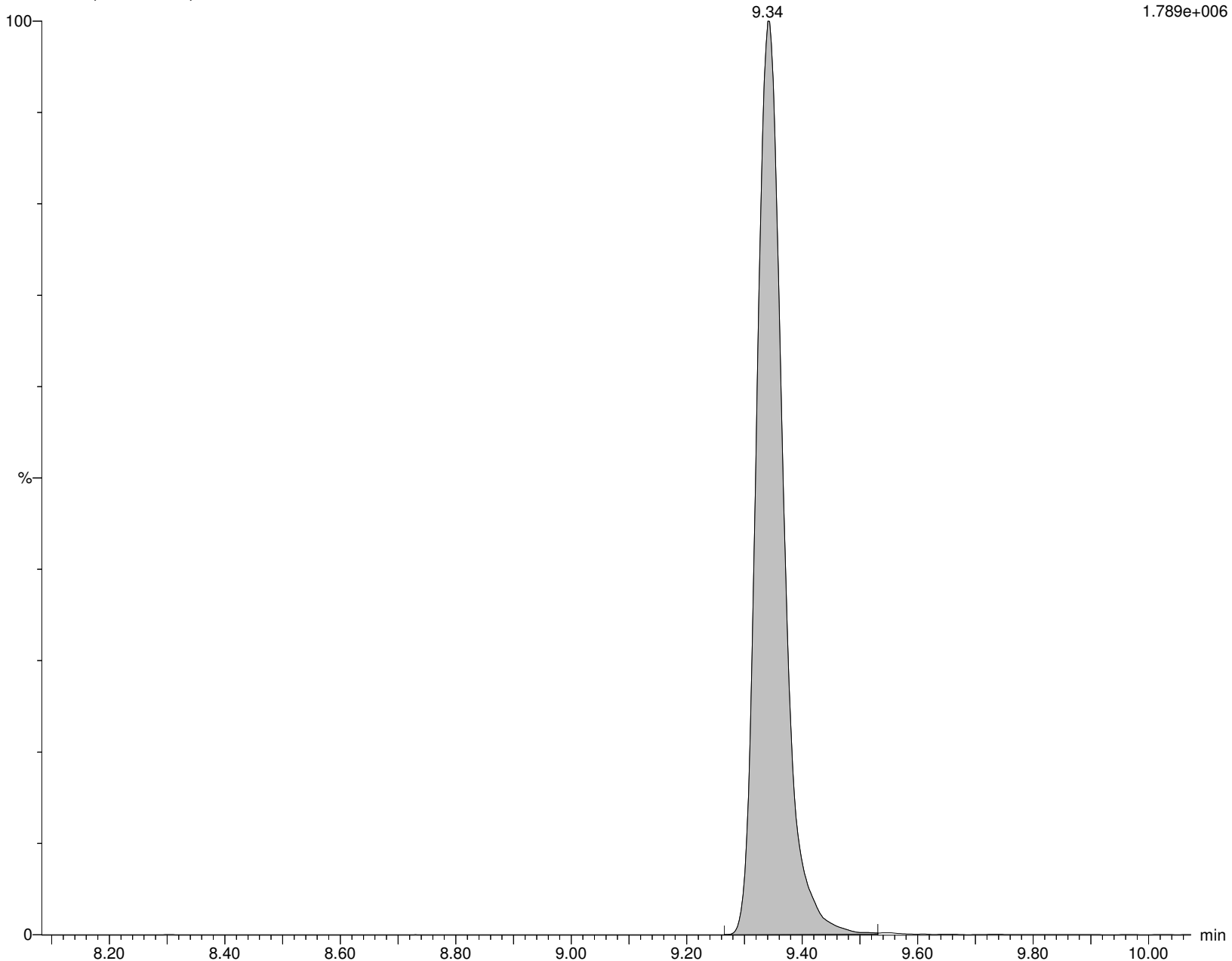
I3793 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 L1913816-03

F21:MRM of 1 channel, ES-

415.032 > 369.968

1.789e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOA

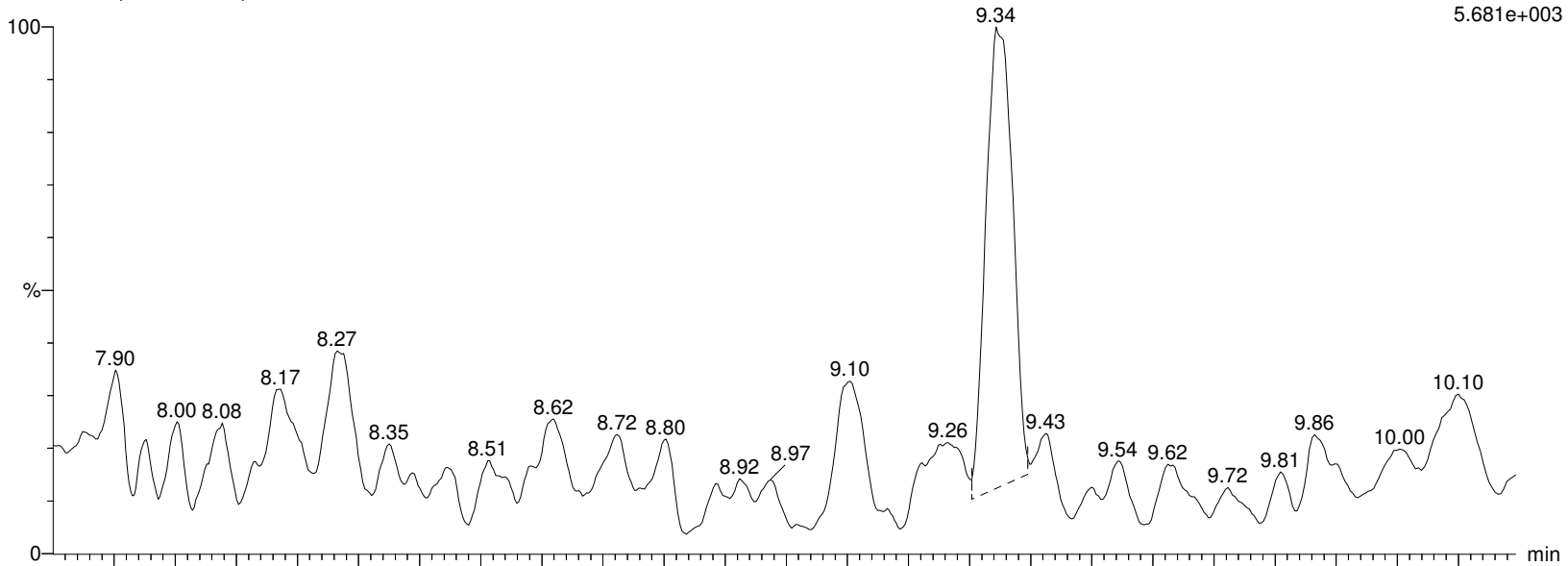
I3793 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-03

F20:MRM of 2 channels,ES-

412.989 > 368.9

5.681e+003



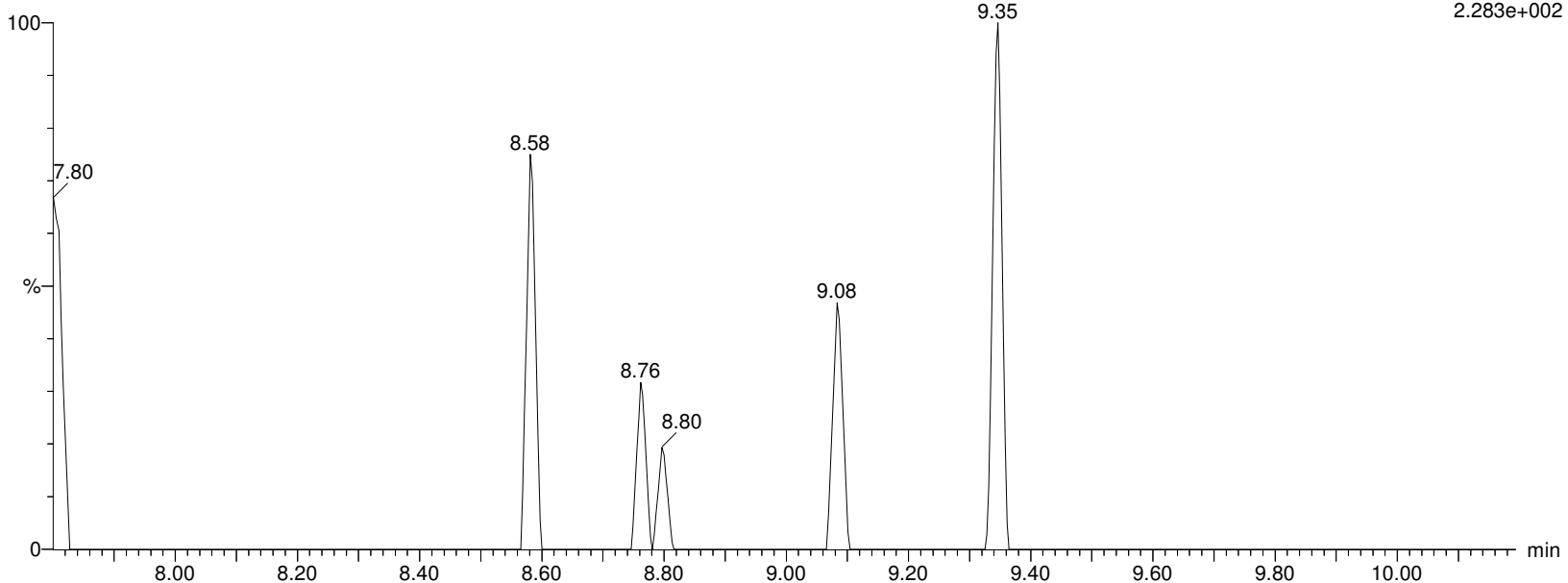
I3793 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-03

F20:MRM of 2 channels,ES-

412.989 > 219.08

2.283e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOA

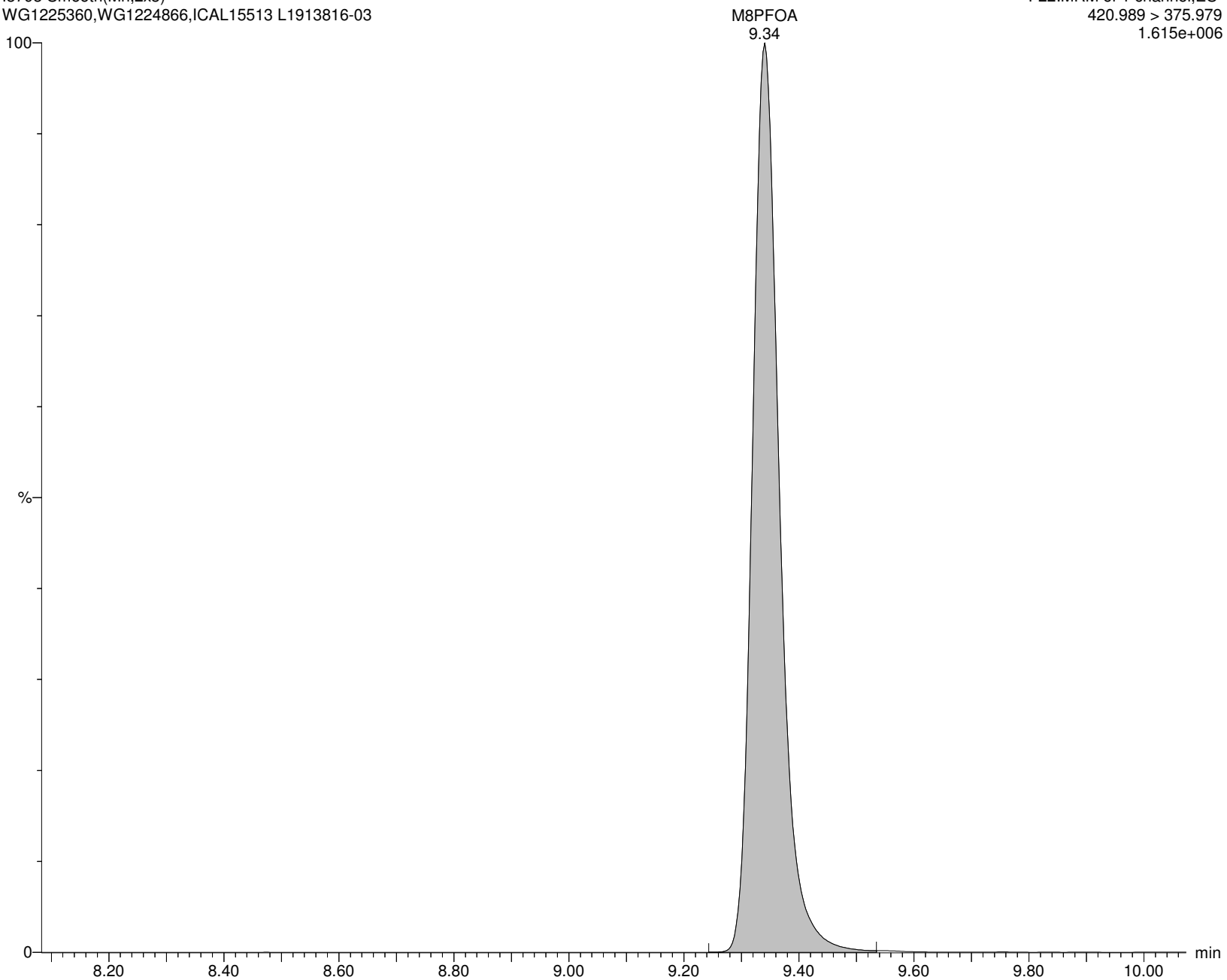
I3793 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-03

F22:MRM of 1 channel,ES-

420.989 > 375.979

1.615e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

6:2FTS

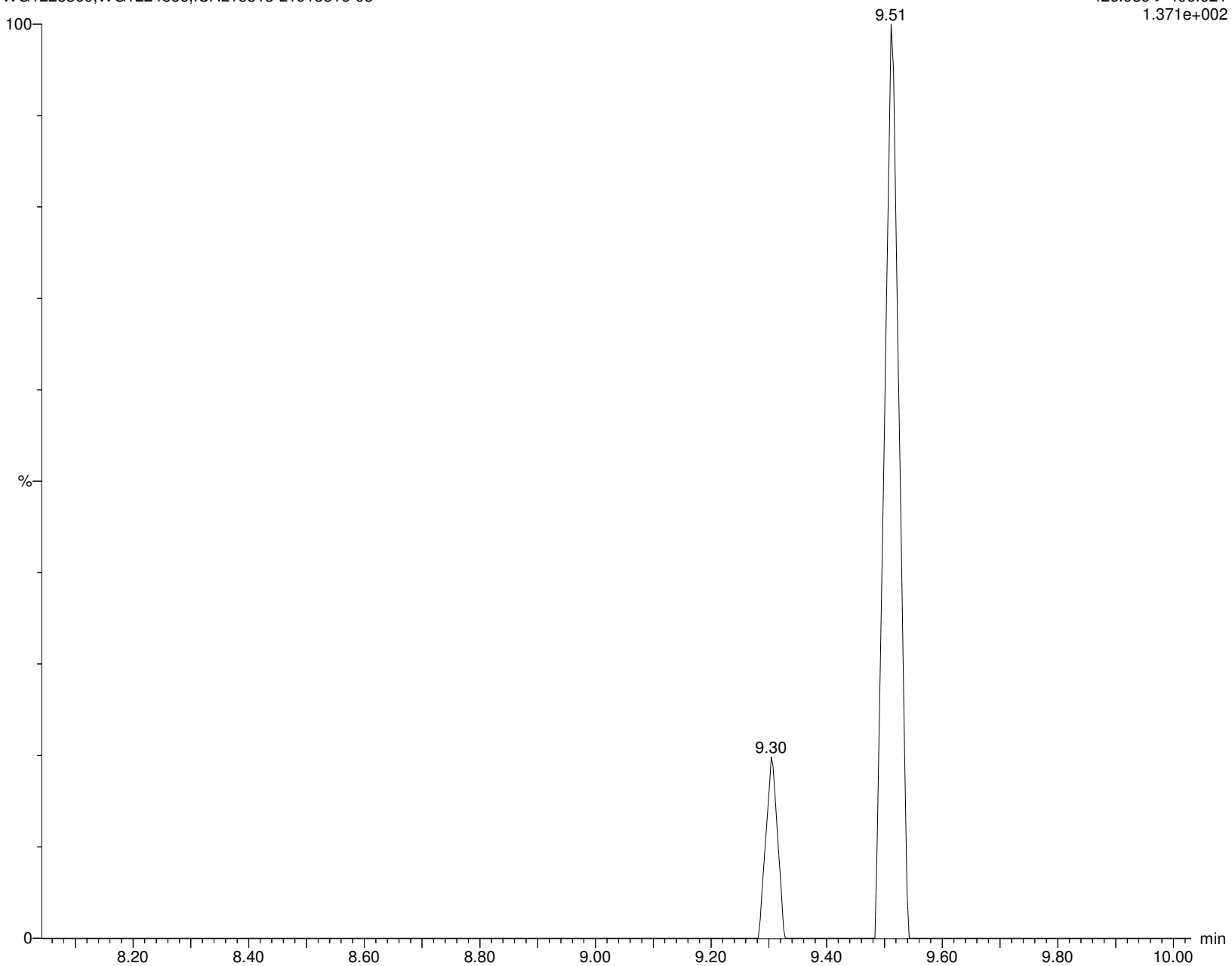
I3793 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-03

F23:MRM of 2 channels,ES-

426.989 > 406.921

1.371e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-6:2FTS

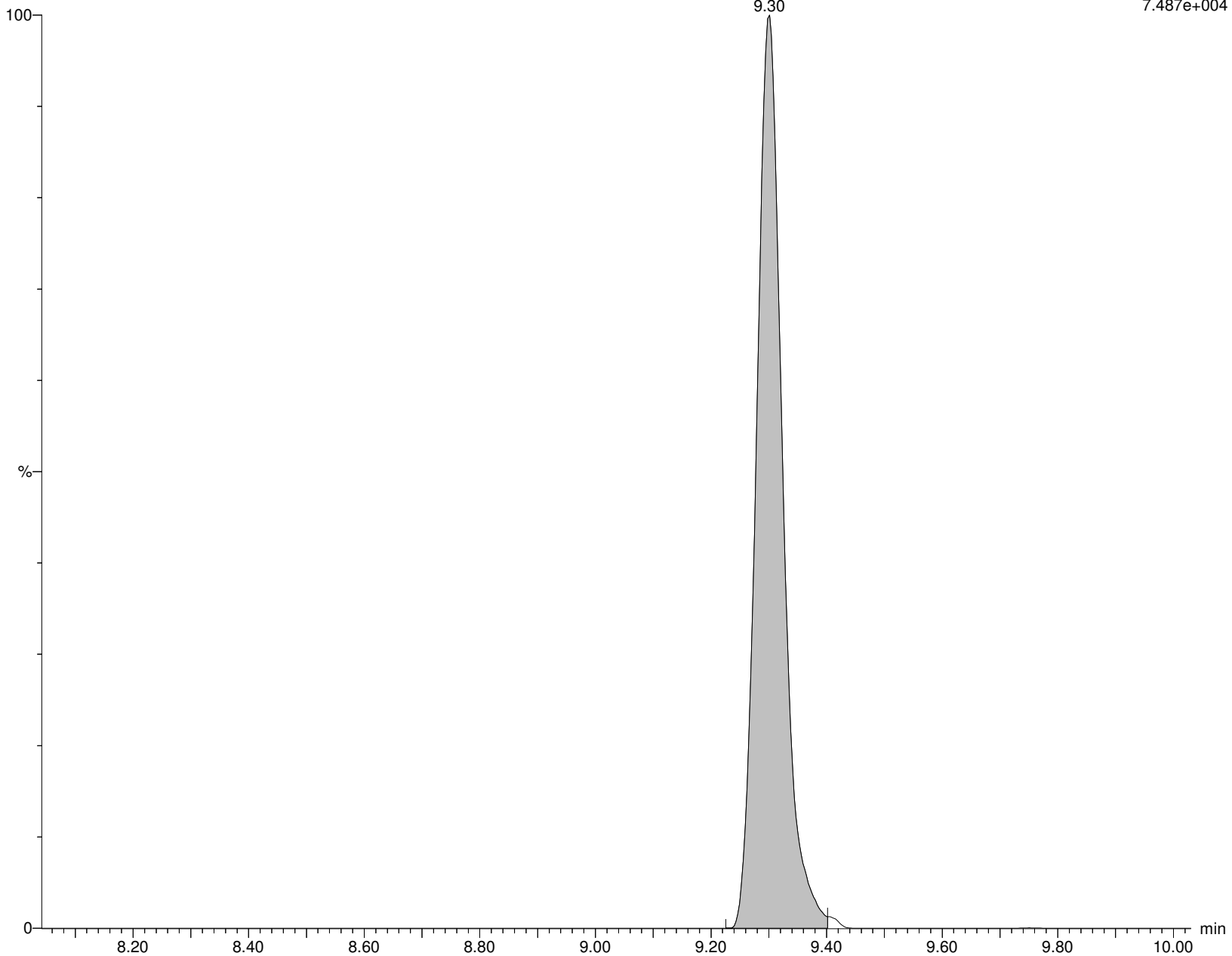
I3793 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-03

F24:MRM of 1 channel,ES-

428.989 > 408.917

7.487e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpS

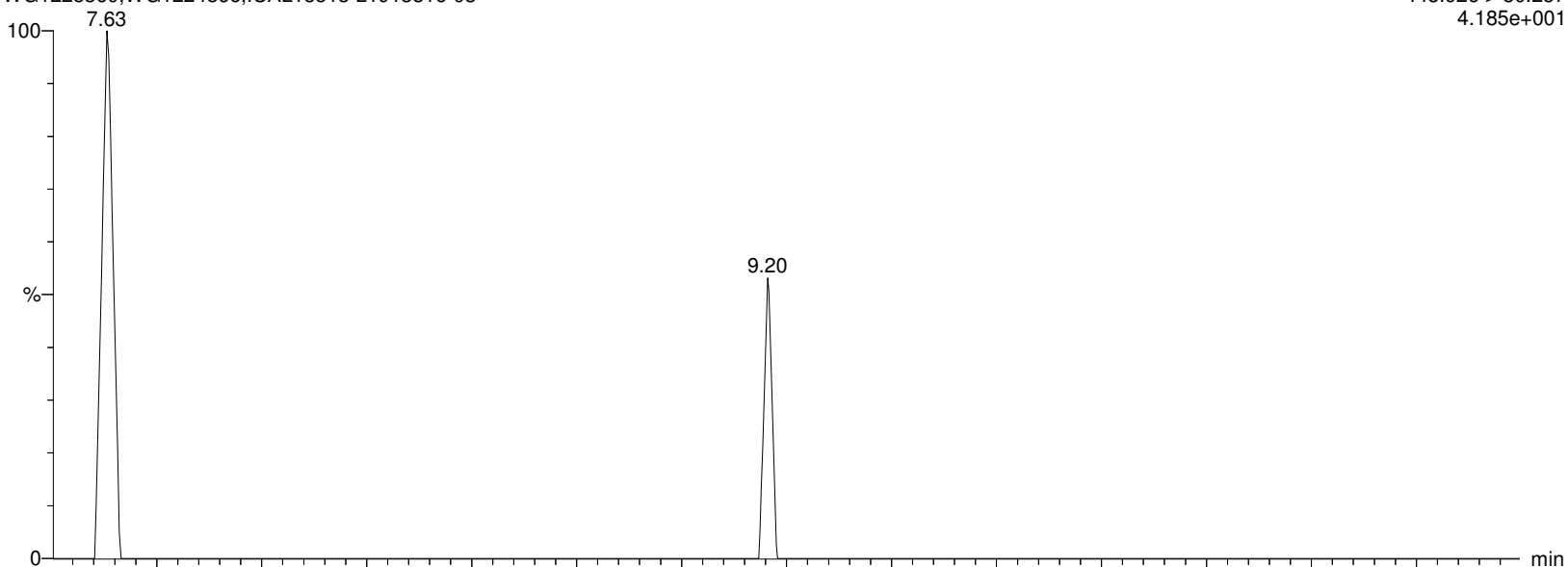
I3793 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 L1913816-03

F25:MRM of 2 channels, ES-

448.926 > 80.257

4.185e+001



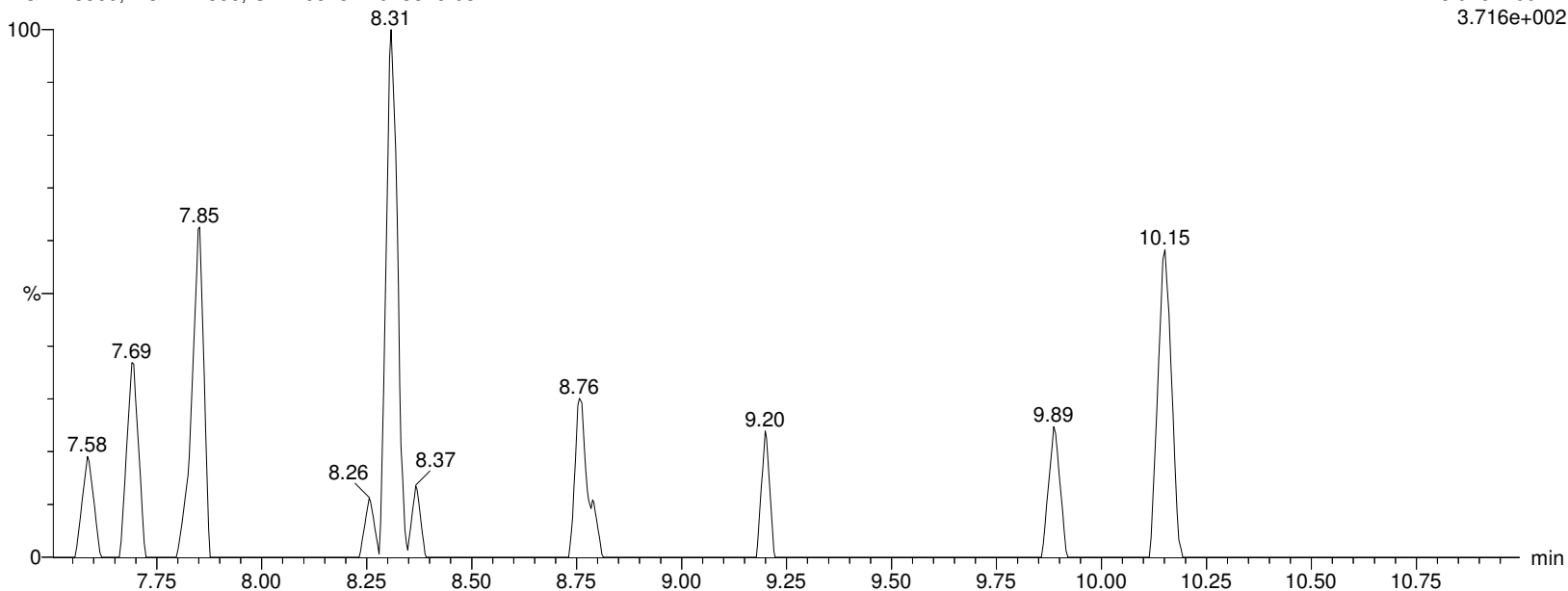
I3793 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 L1913816-03

F25:MRM of 2 channels, ES-

448.926 > 99.22

3.716e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

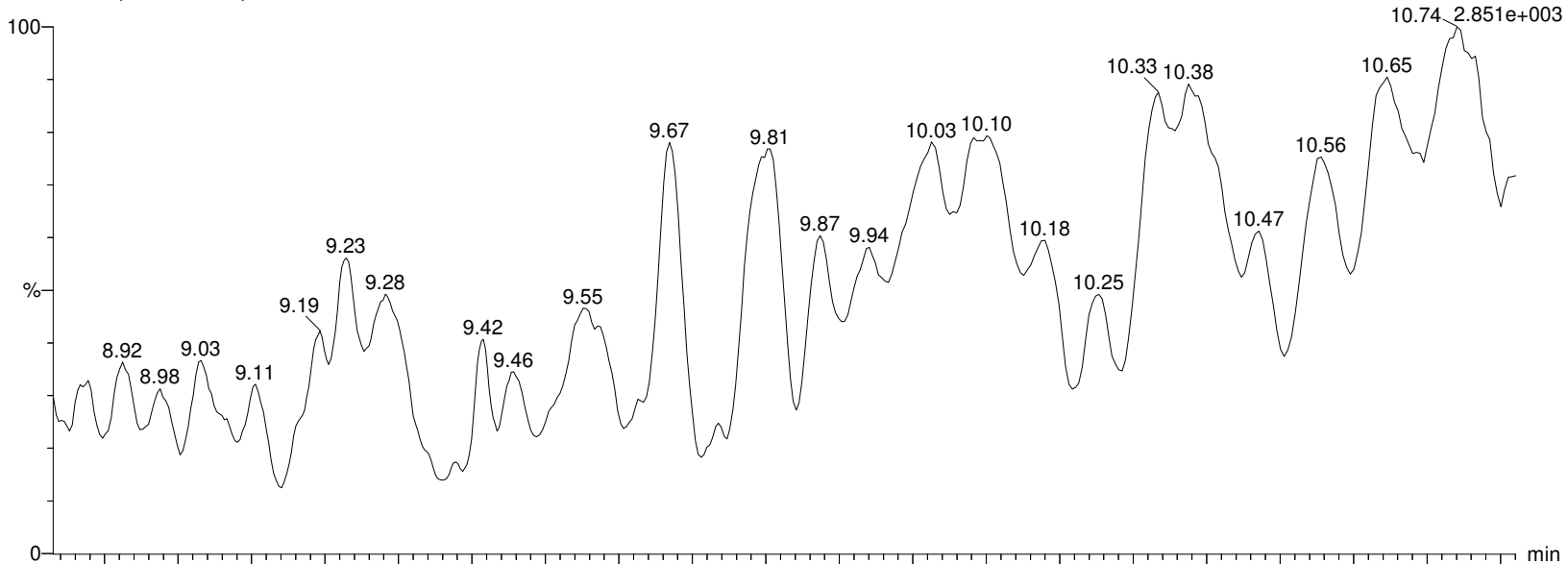
Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNA

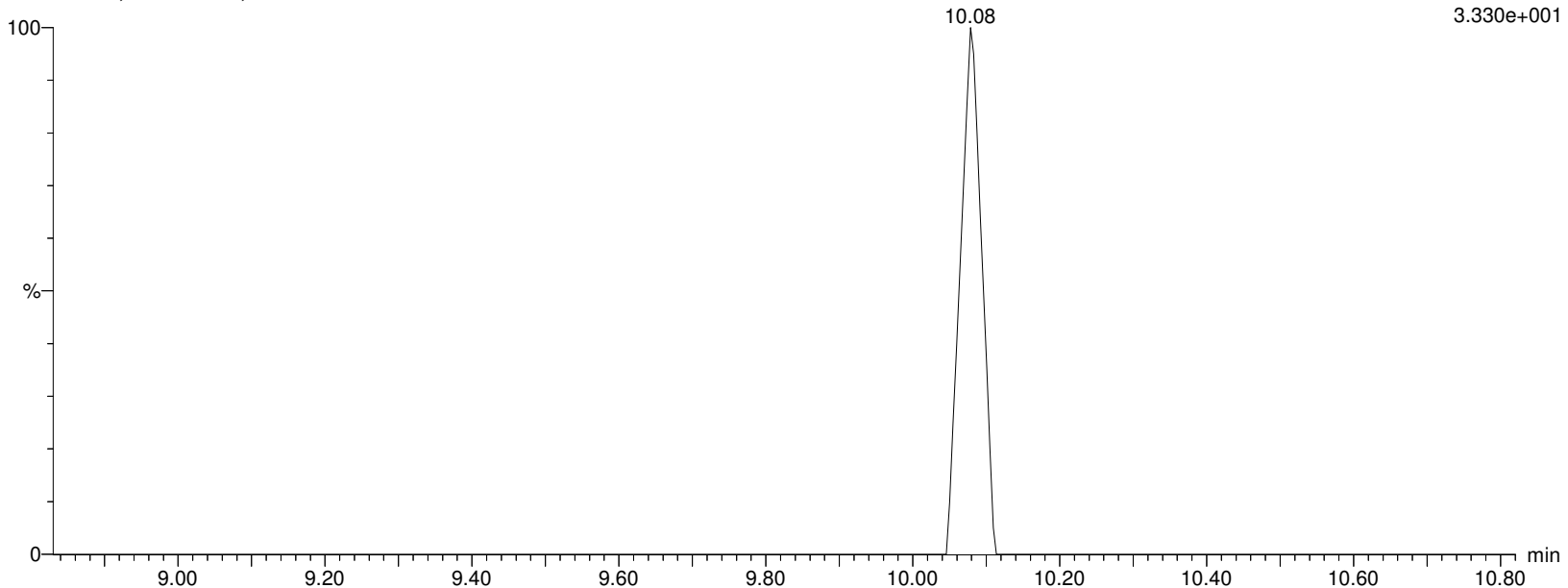
I3793 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 L1913816-03



I3793 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 L1913816-03



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M9PFNA

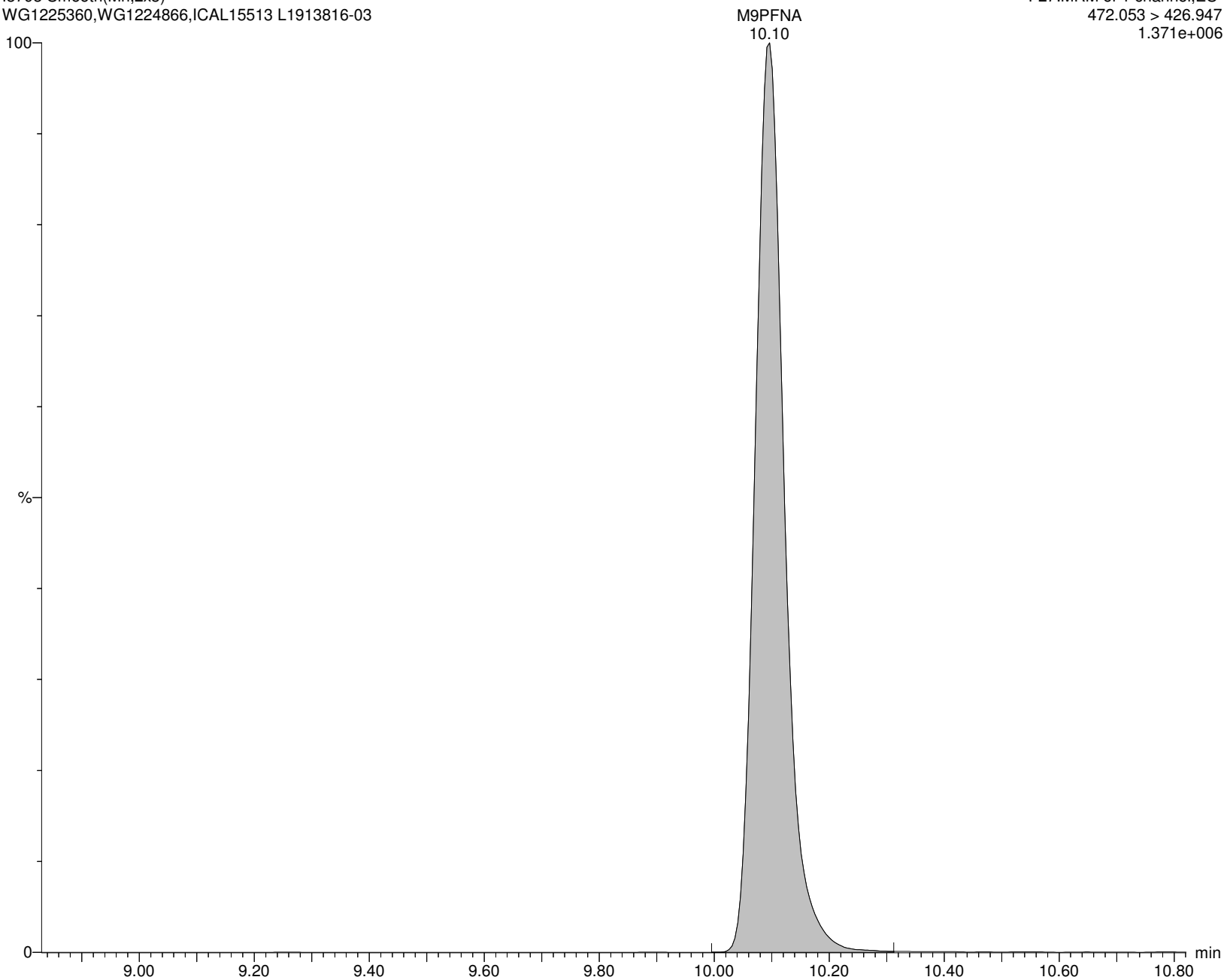
I3793 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-03

F27:MRM of 1 channel,ES-

472.053 > 426.947

1.371e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOS

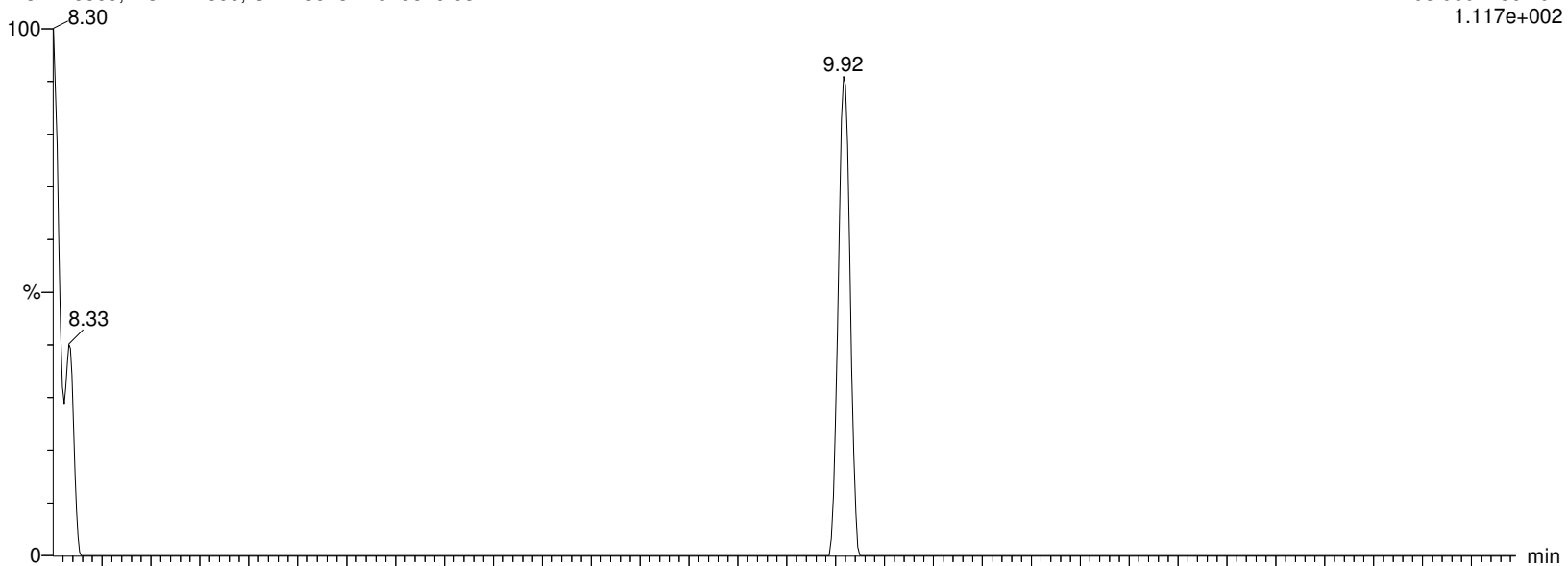
I3793 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-03

F29:MRM of 2 channels,ES-

498.989 > 80.294

1.117e+002



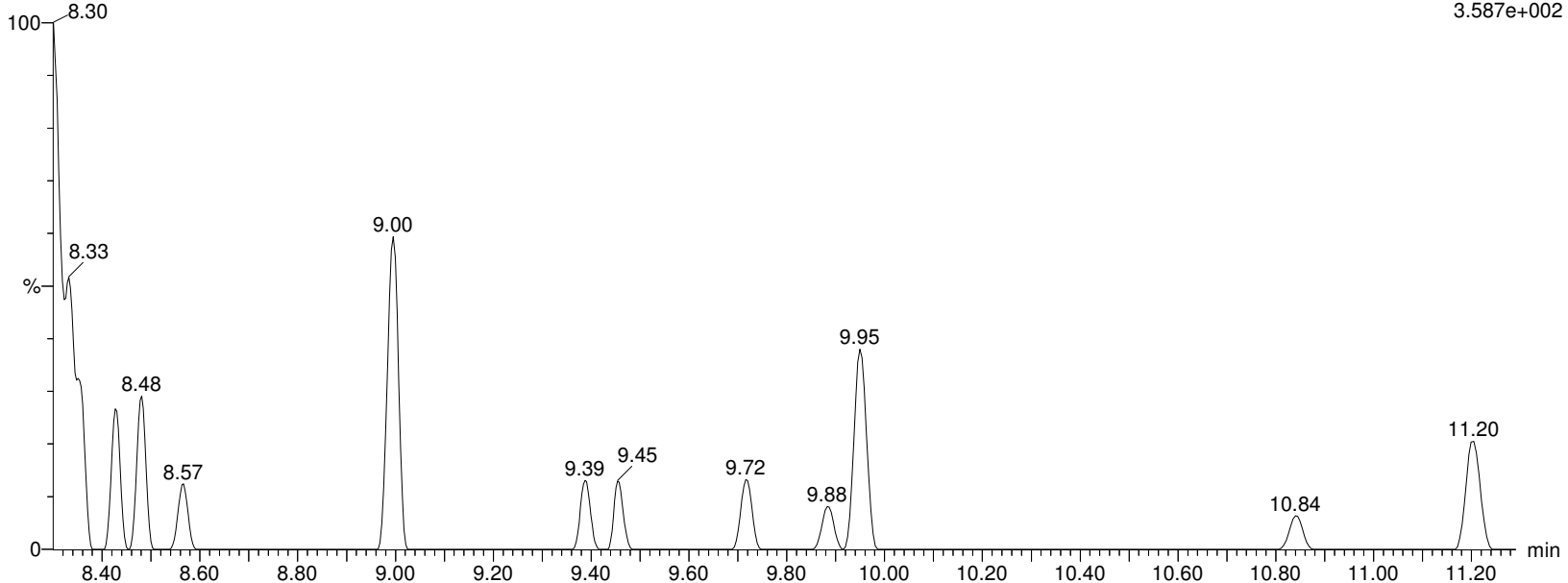
I3793 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-03

F29:MRM of 2 channels,ES-

498.989 > 99.27

3.587e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOS

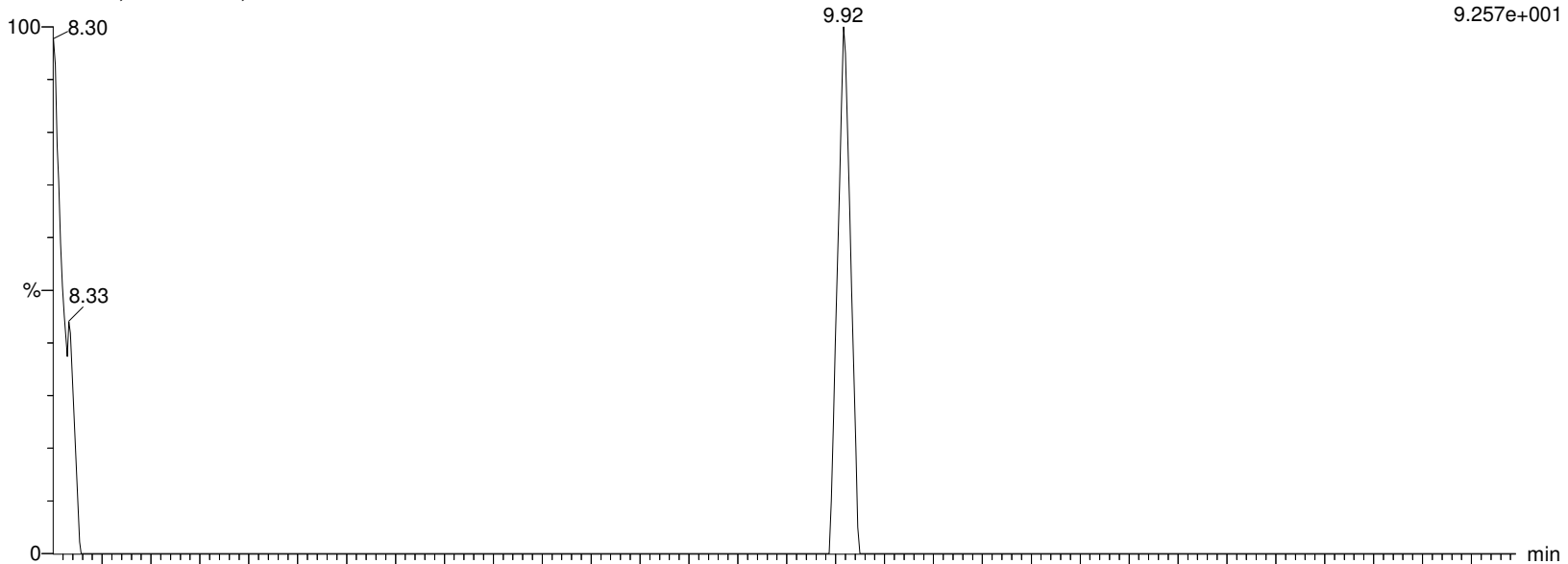
I3793 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-03

F29:MRM of 2 channels,ES-

498.989 > 80.294

9.257e+001



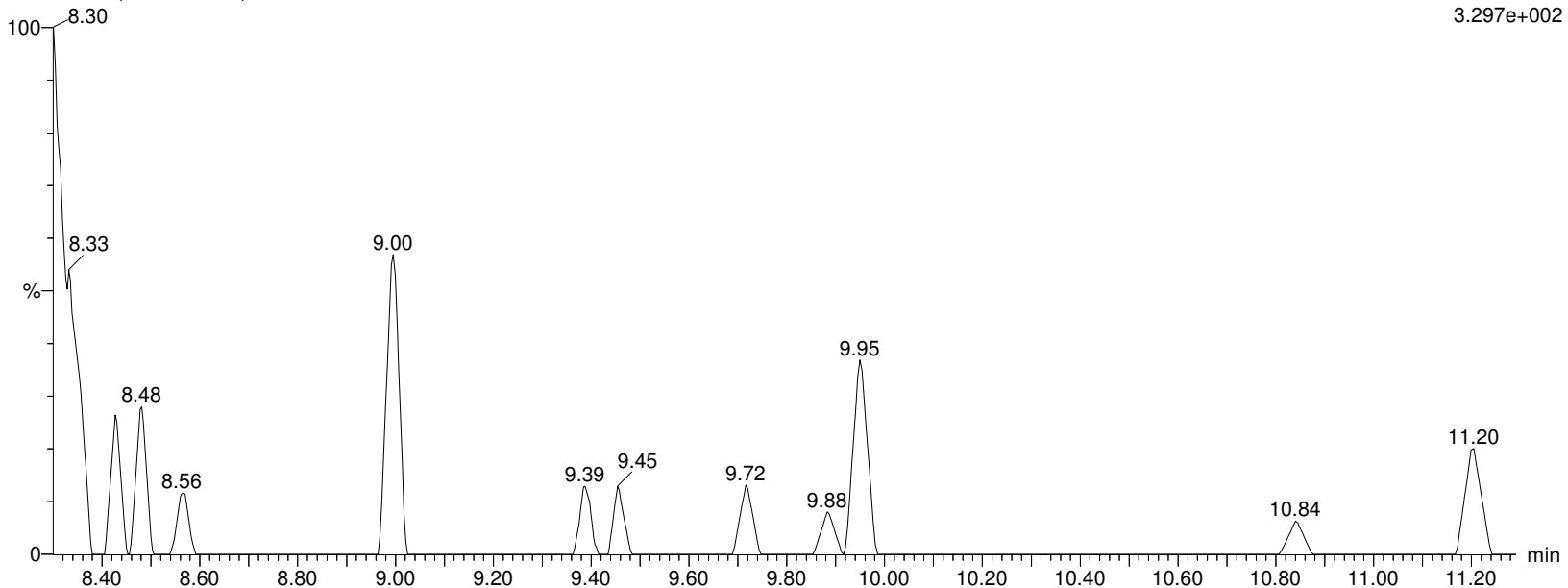
I3793 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-03

F29:MRM of 2 channels,ES-

498.989 > 99.27

3.297e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOS

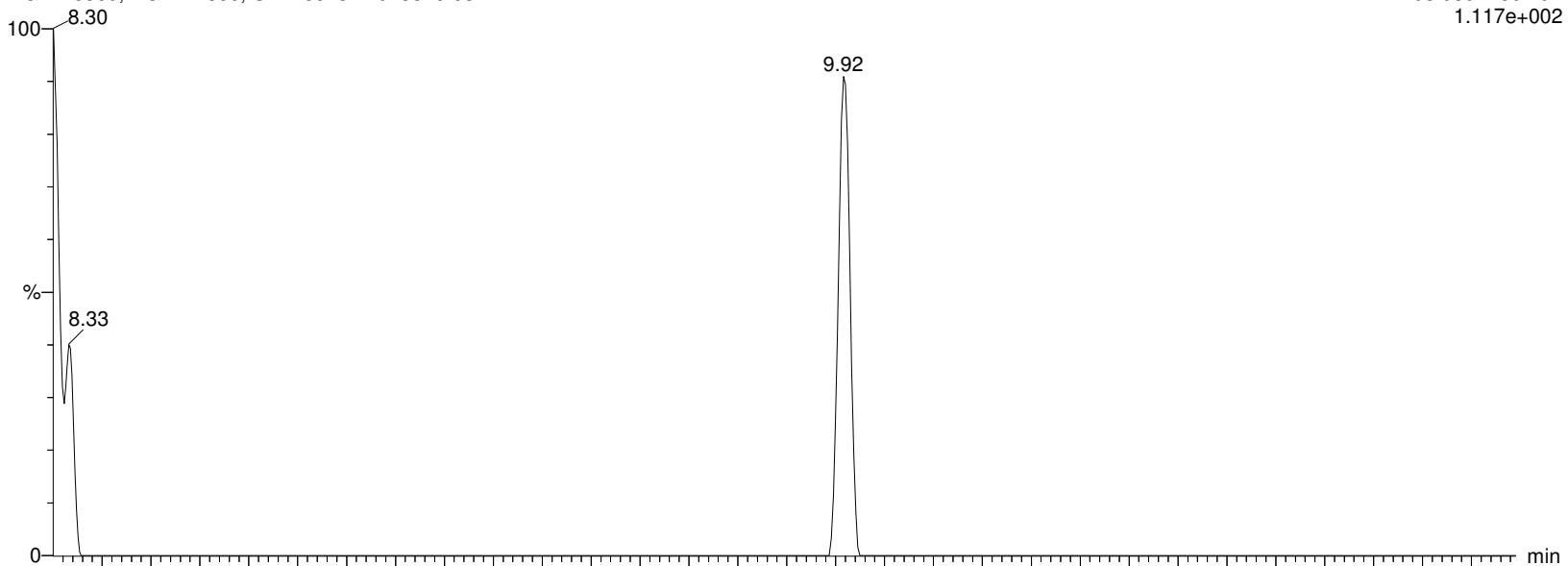
I3793 Smooth(Mn,3x2)

WG1225360, WG1224866, ICAL15513 L1913816-03

F29:MRM of 2 channels, ES-

498.989 > 80.294

1.117e+002



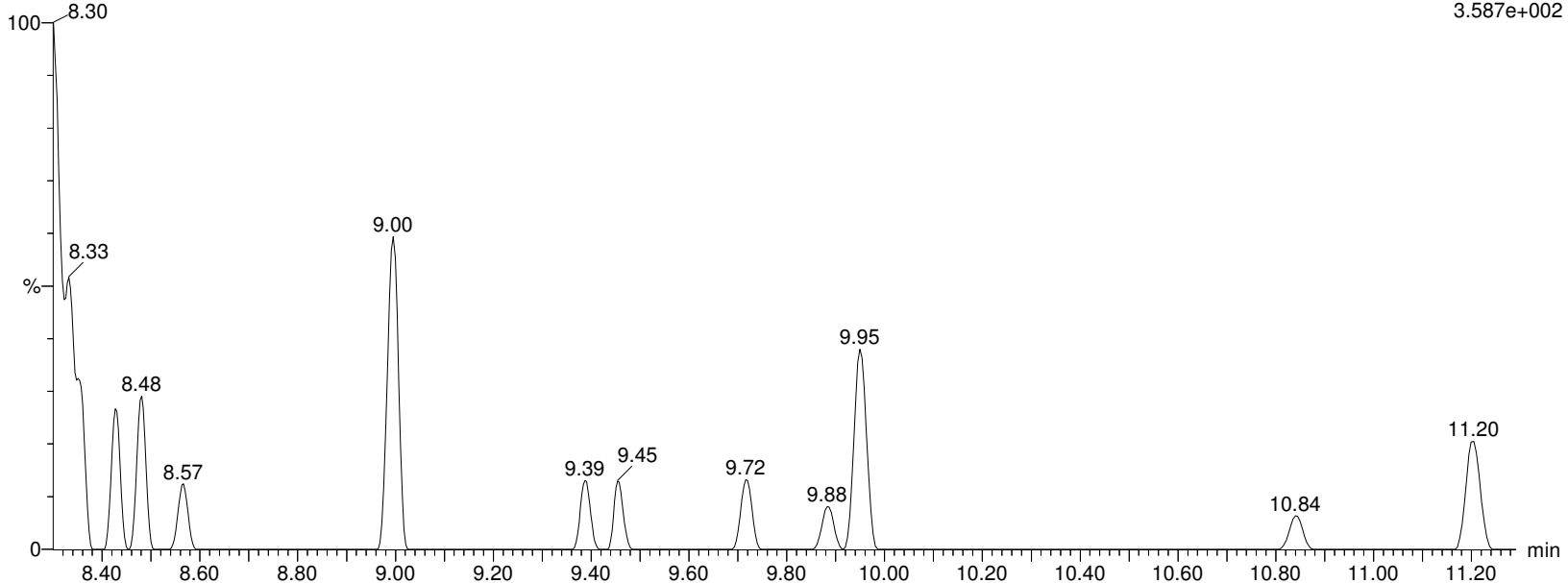
I3793 Smooth(Mn,3x2)

WG1225360, WG1224866, ICAL15513 L1913816-03

F29:MRM of 2 channels, ES-

498.989 > 99.27

3.587e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFOS

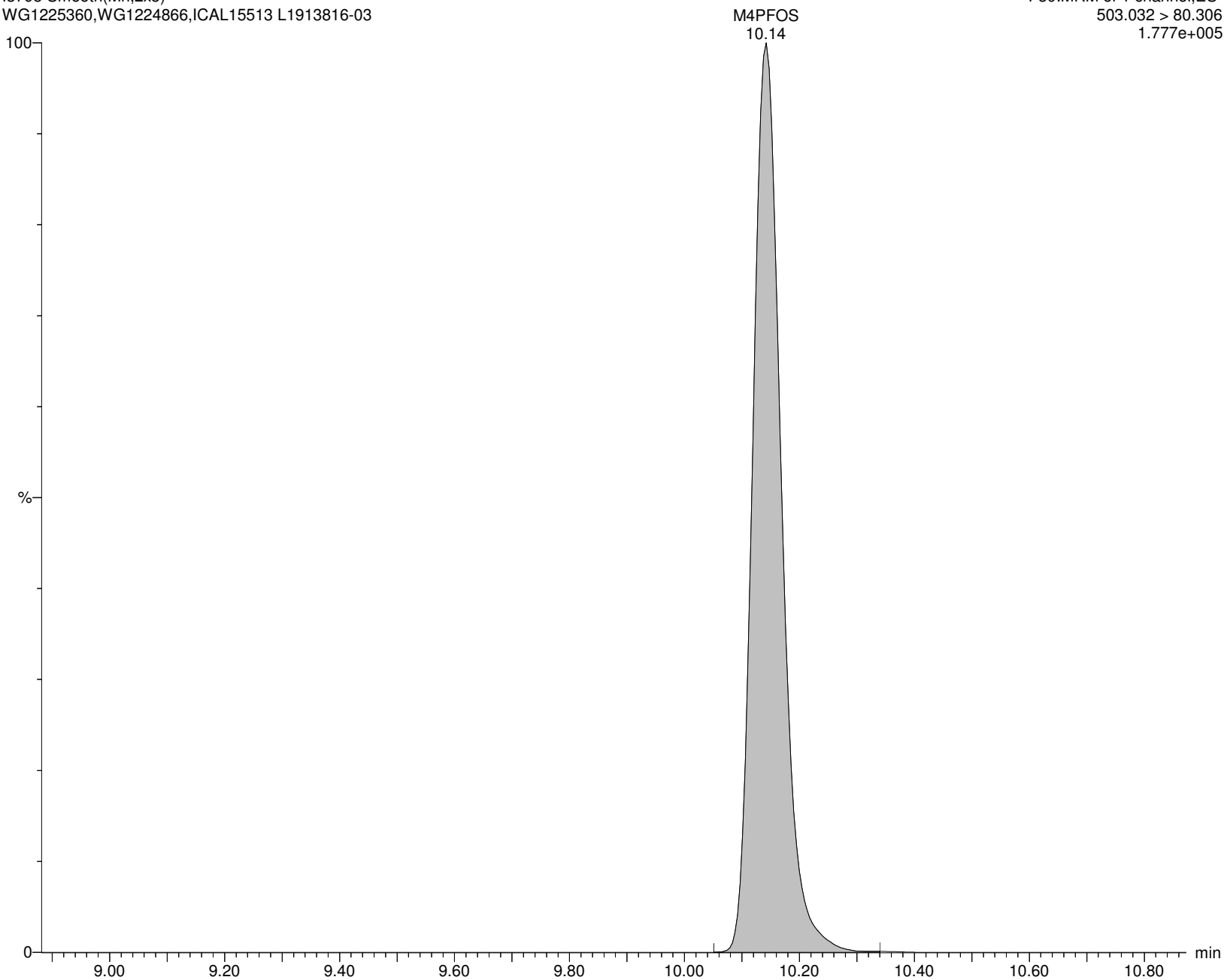
I3793 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-03

F30:MRM of 1 channel,ES-

503.032 > 80.306

1.777e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOS

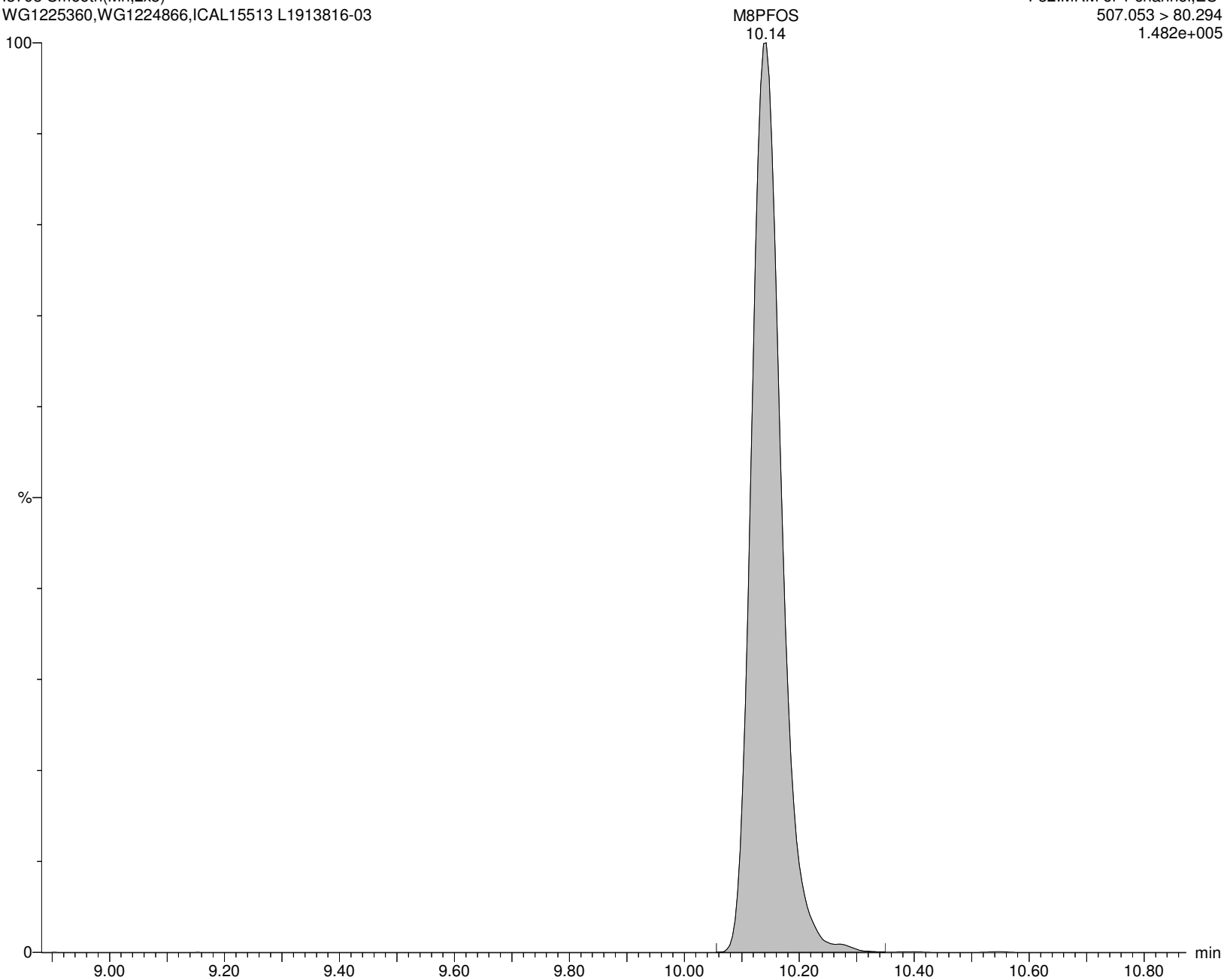
I3793 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-03

F32:MRM of 1 channel,ES-

507.053 > 80.294

1.482e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDA

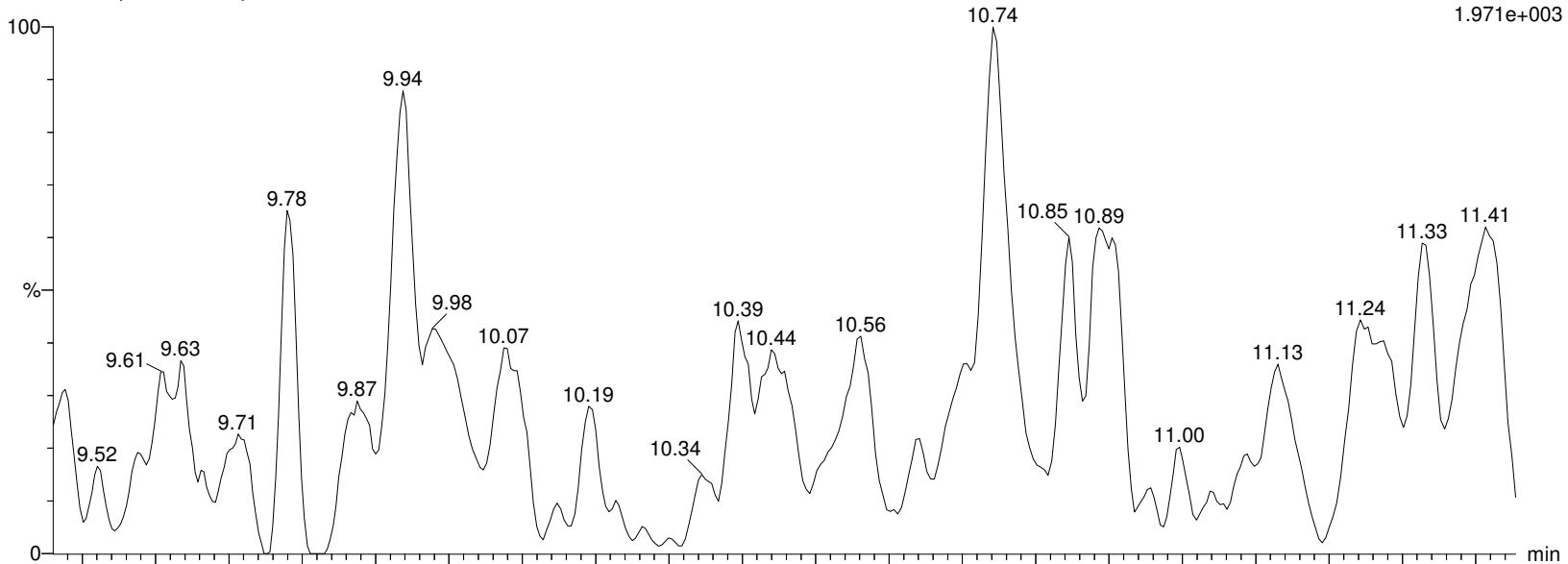
I3793 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 L1913816-03

F33:MRM of 2 channels, ES-

513.053 > 468.906

1.971e+003



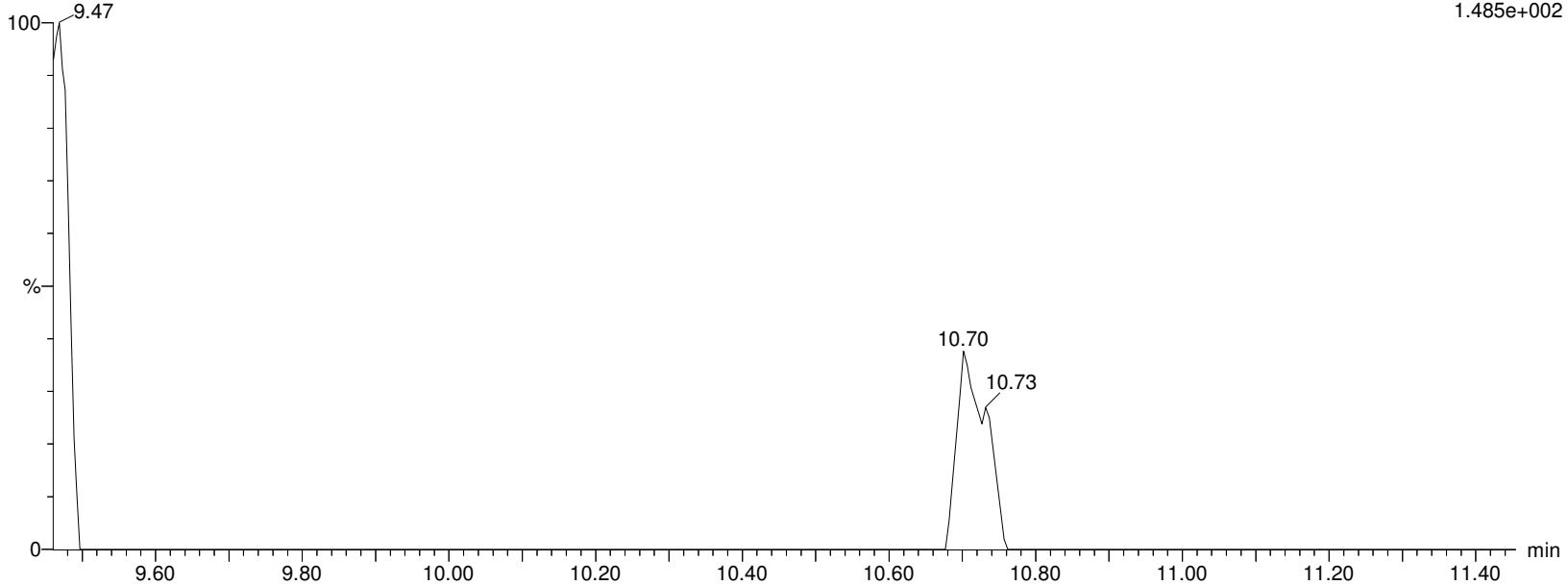
I3793 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 L1913816-03

F33:MRM of 2 channels, ES-

513.053 > 219.08

1.485e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFDA

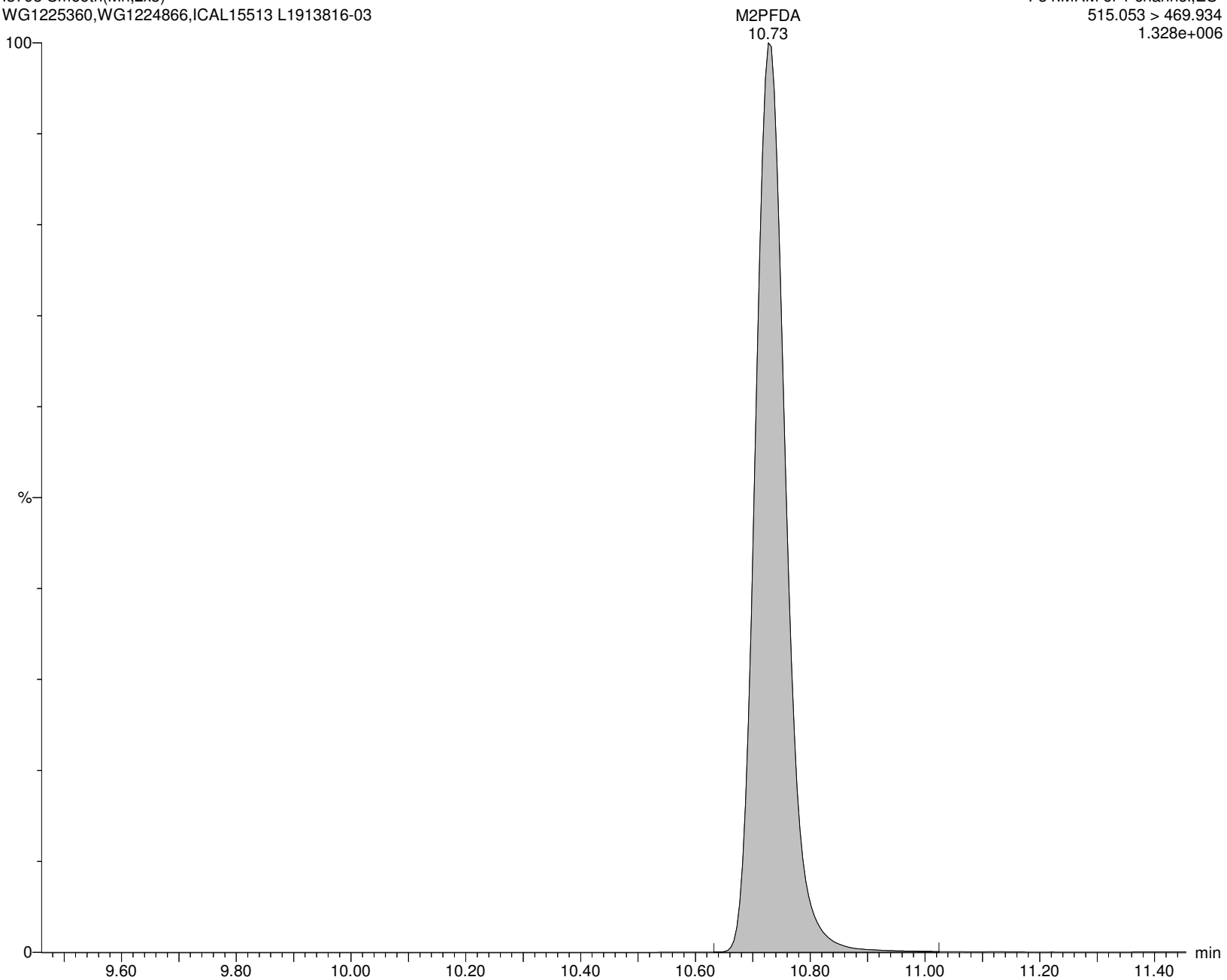
I3793 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-03

F34:MRM of 1 channel,ES-

515.053 > 469.934

1.328e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M6PFDA

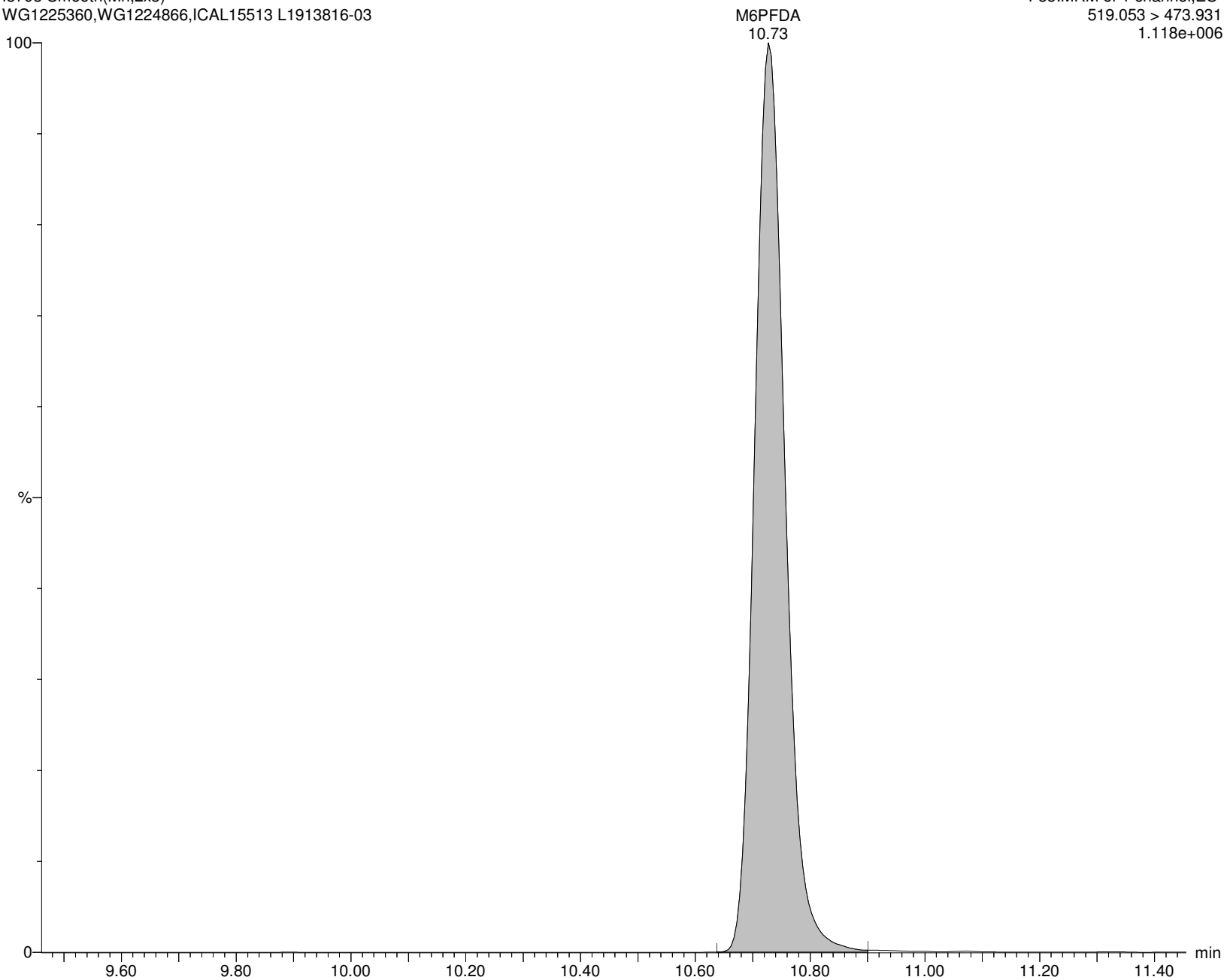
I3793 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-03

F35:MRM of 1 channel,ES-

519.053 > 473.931

1.118e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

8:2FTS

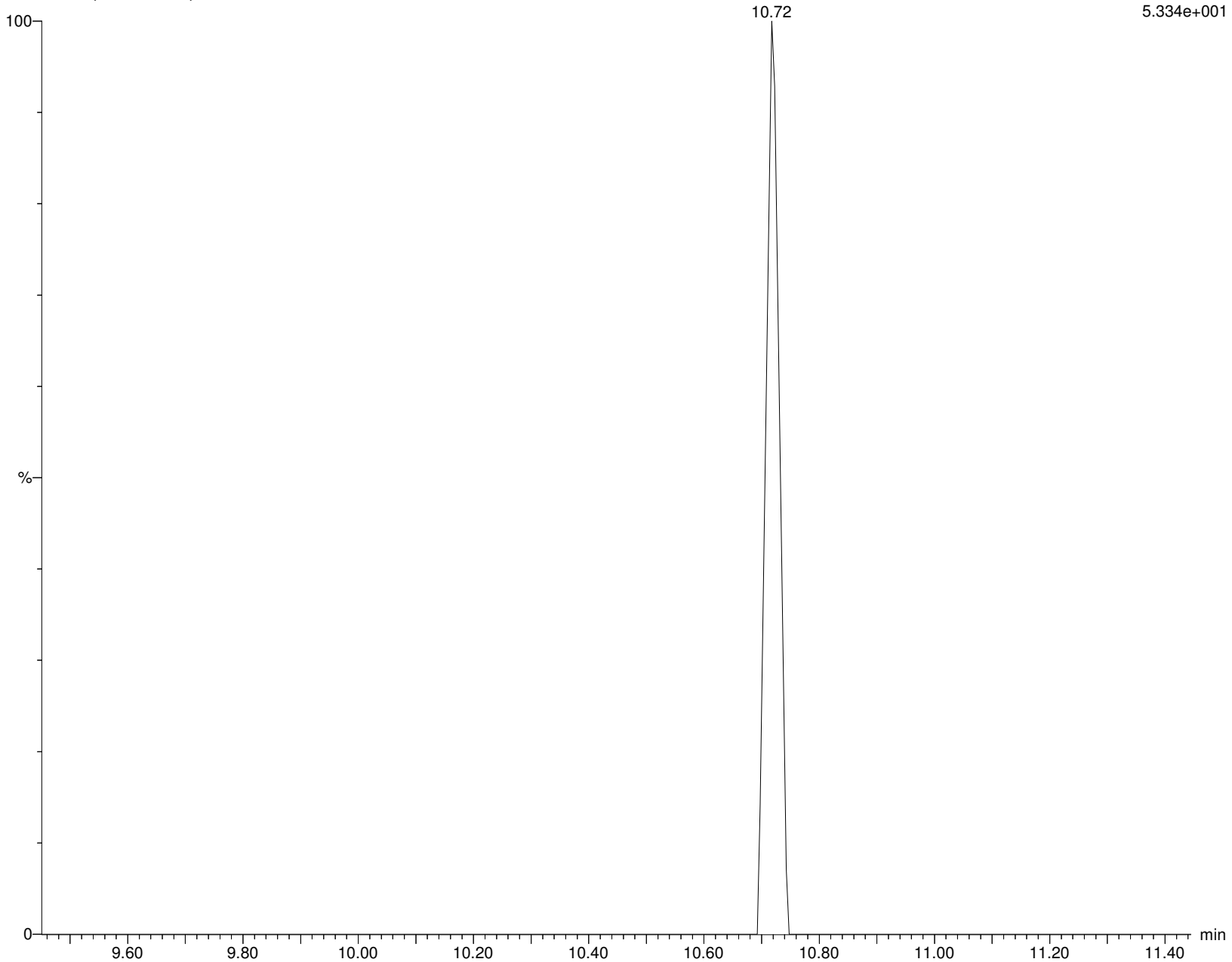
I3793 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-03

F36:MRM of 2 channels,ES-

526.989 > 506.946

5.334e+001



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-8:2FTS

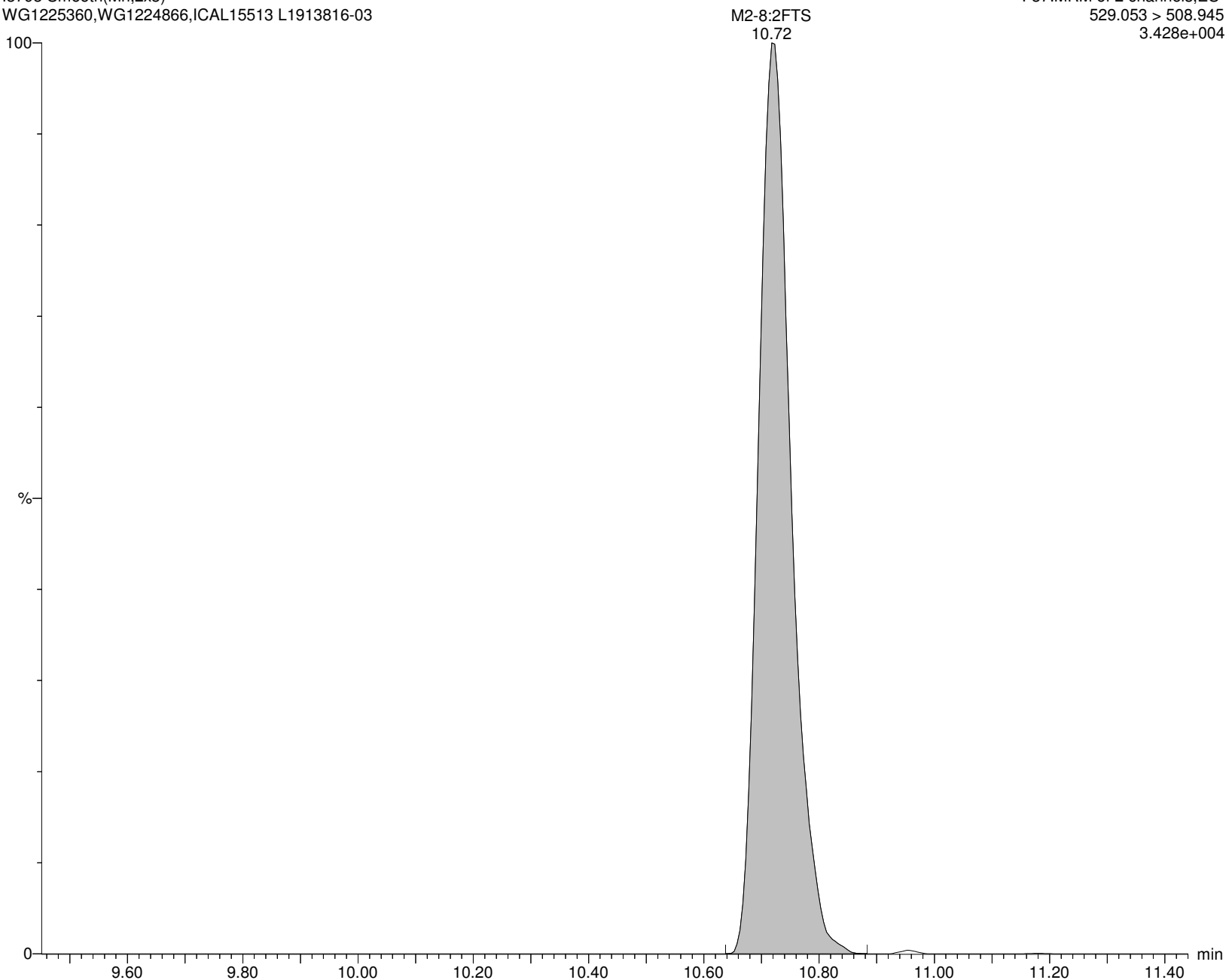
I3793 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-03

F37:MRM of 2 channels,ES-

529.053 > 508.945

3.428e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNS

I3793 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-03

F39:MRM of 2 channels,ES-

548.989 > 80.249

1.000e-003



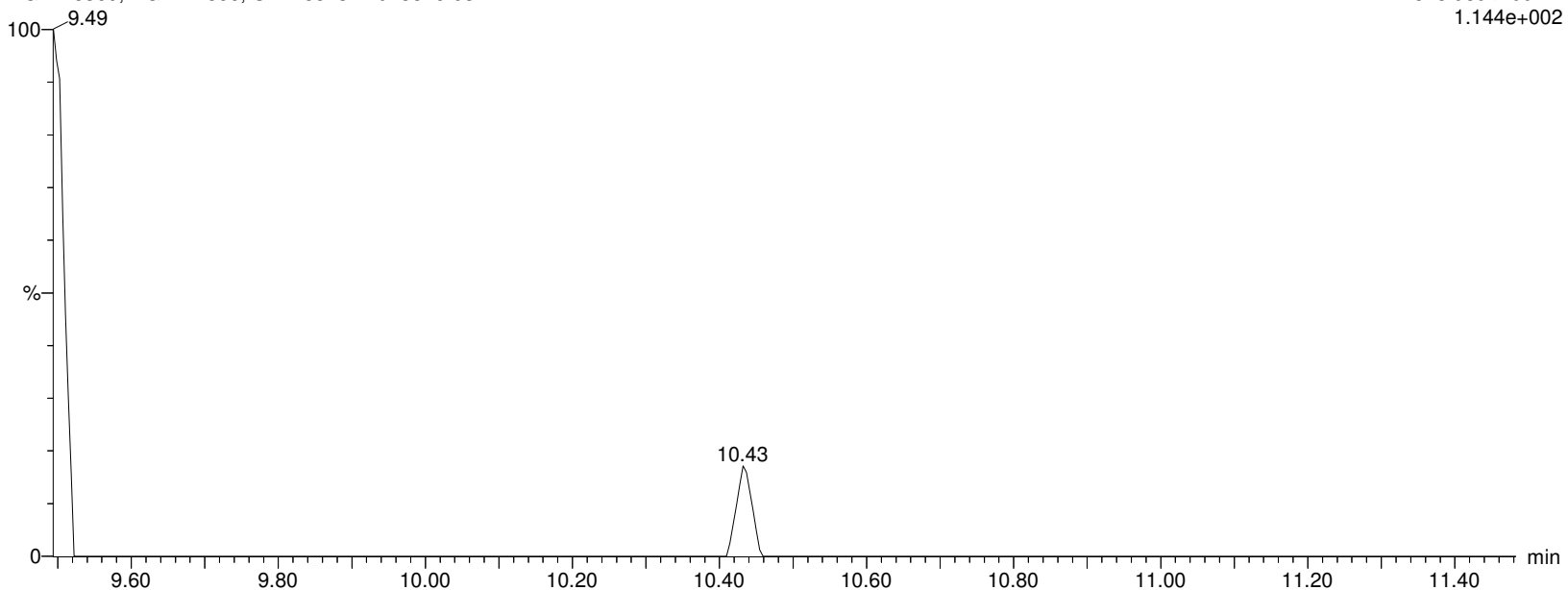
I3793 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-03

F39:MRM of 2 channels,ES-

548.989 > 99.22

1.144e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d3-NMeFOSAA

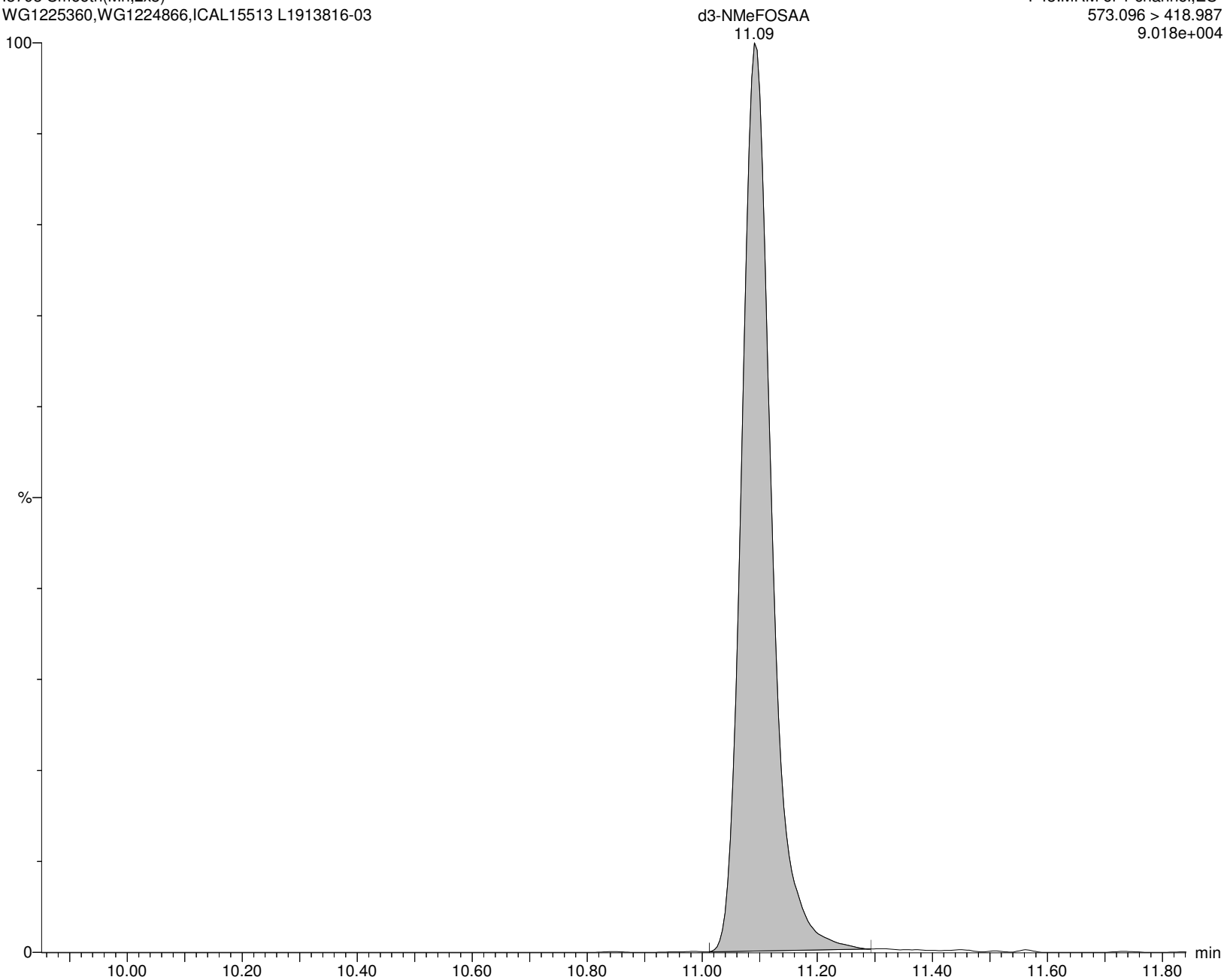
I3793 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-03

F43:MRM of 1 channel,ES-

573.096 > 418.987

9.018e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NMeFOSAA

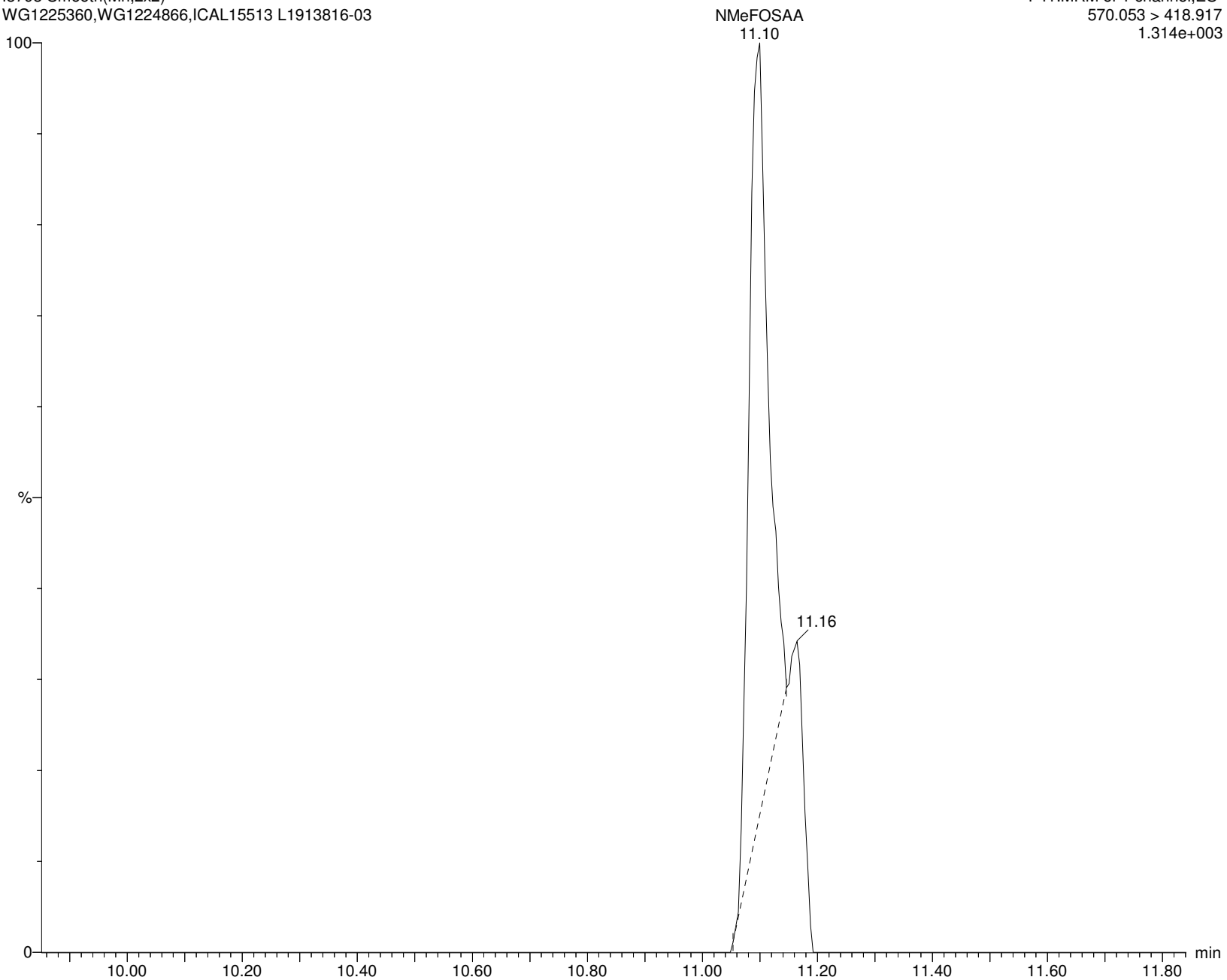
I3793 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-03

F41:MRM of 1 channel,ES-

570.053 > 418.917

1.314e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFUnA

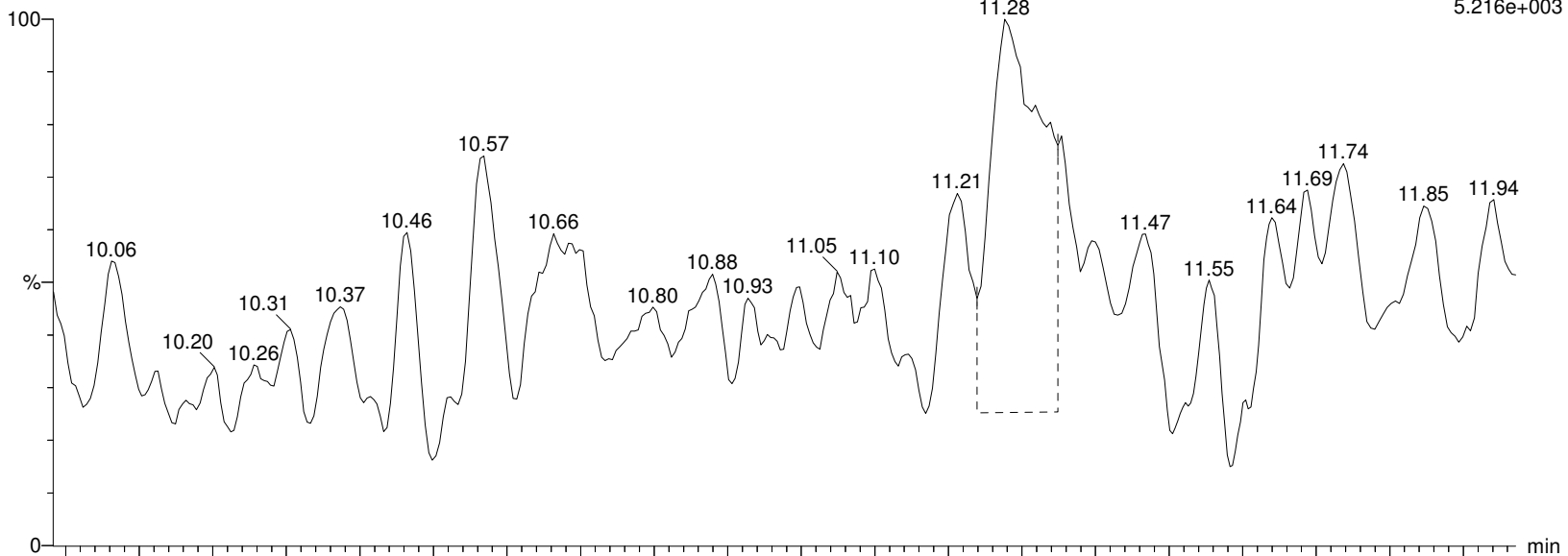
I3793 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-03

F40:MRM of 2 channels,ES-

562.989 > 518.903

5.216e+003



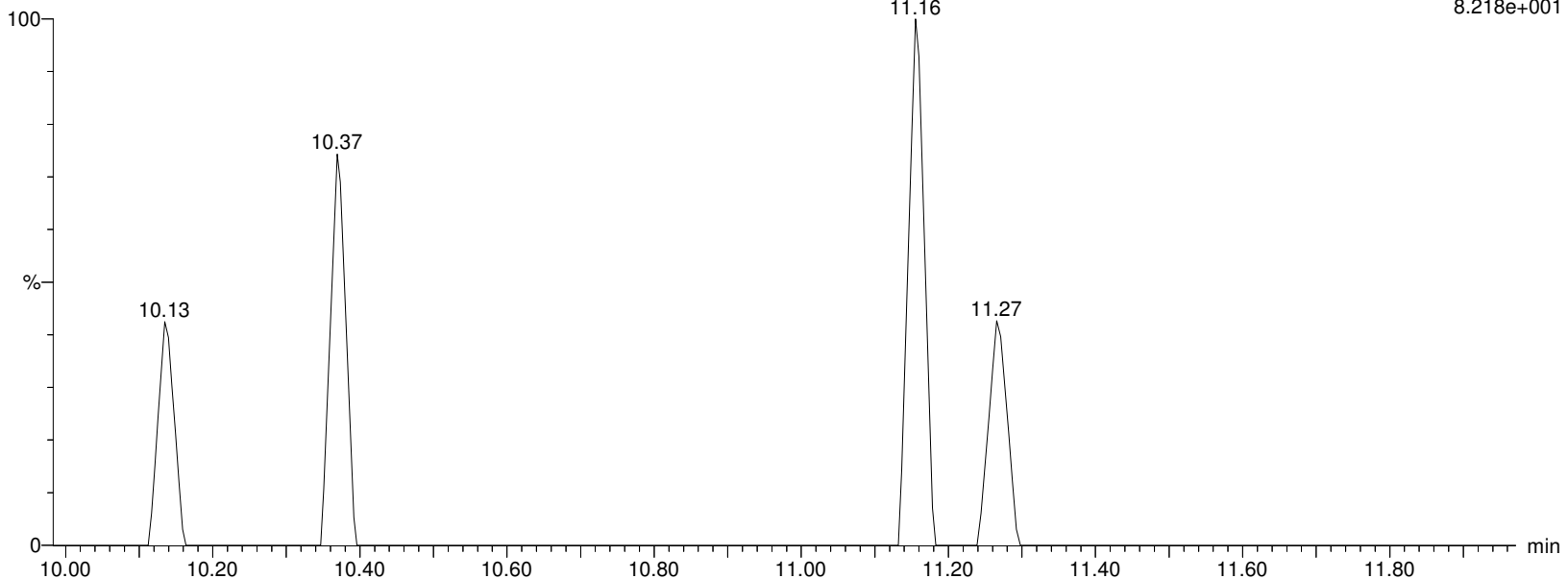
I3793 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-03

F40:MRM of 2 channels,ES-

562.989 > 269.01

8.218e+001



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M7-PFUDA

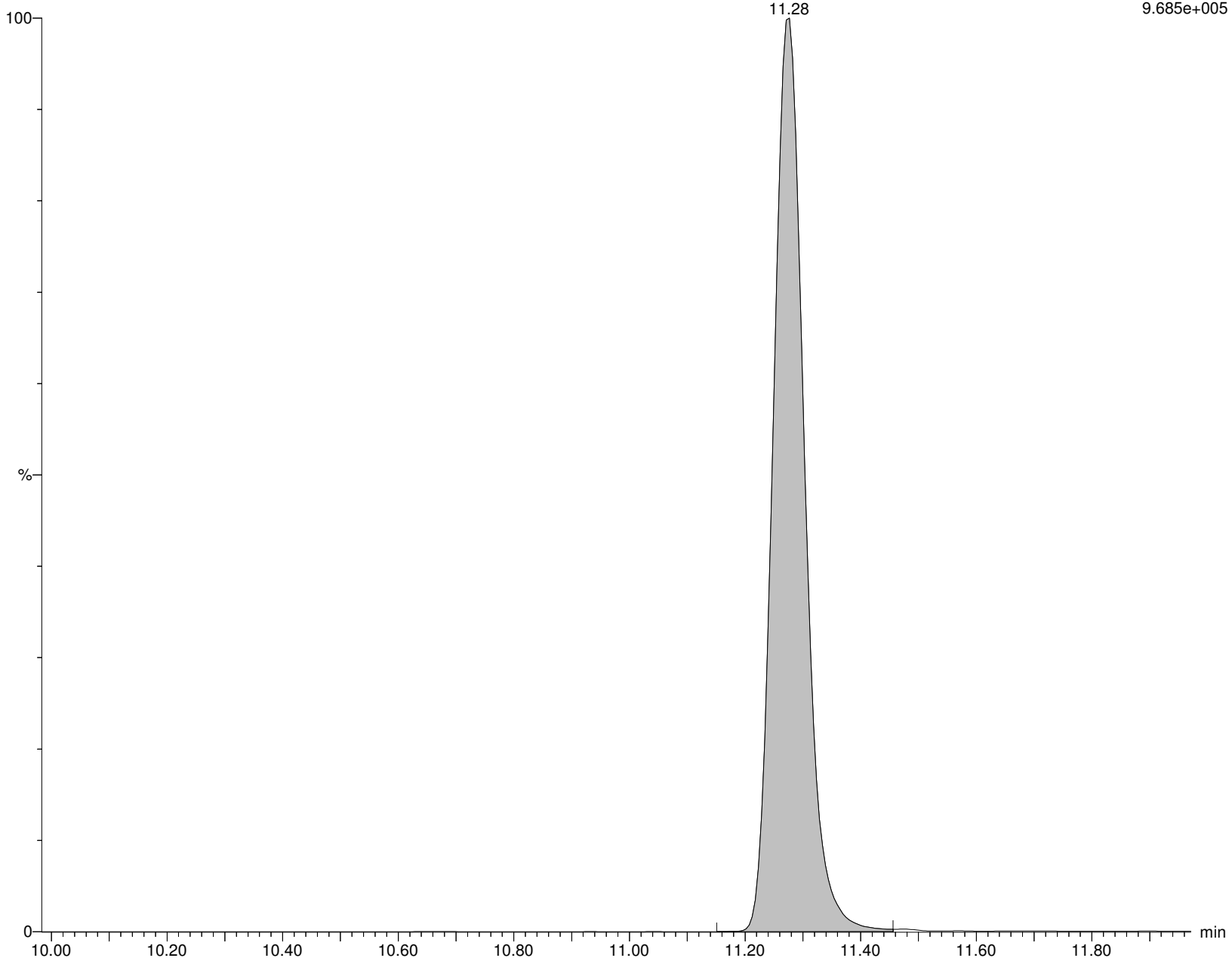
I3793 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-03

F42:MRM of 1 channel,ES-

570.053 > 524.923

9.685e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDS

I3793 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 L1913816-03

F46:MRM of 2 channels, ES-

598.926 > 80.314

1.000e-003



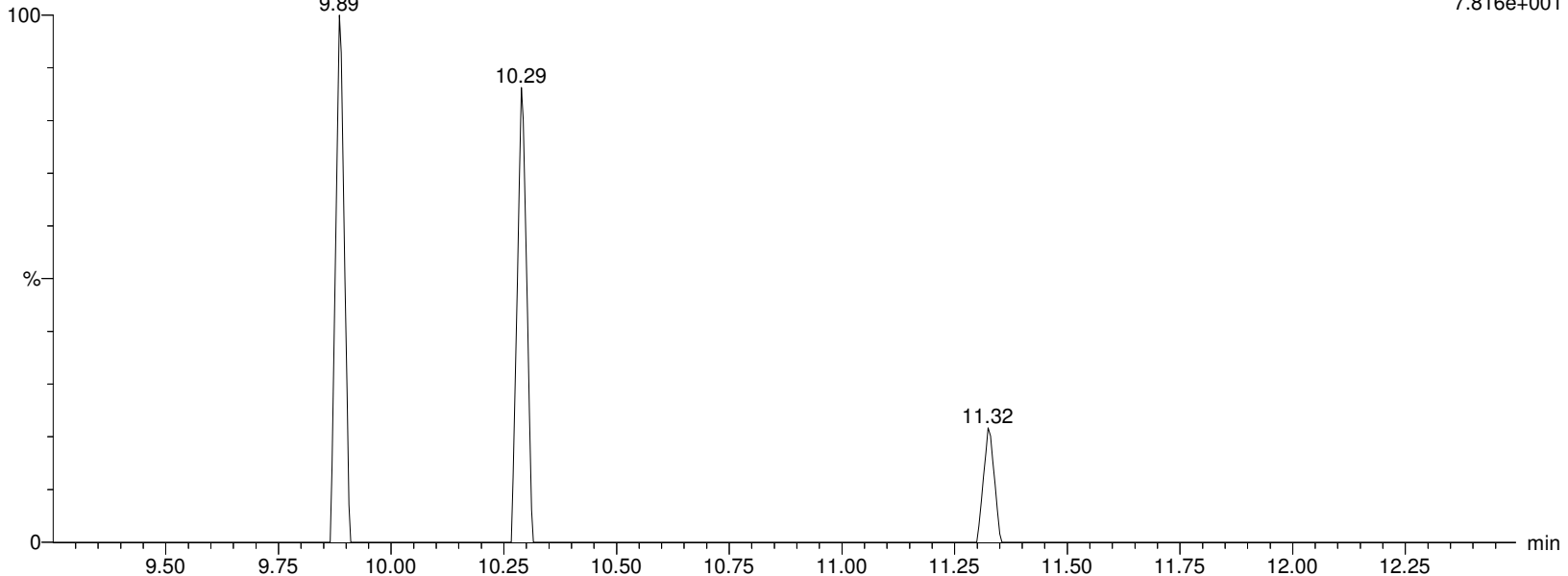
I3793 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 L1913816-03

F46:MRM of 2 channels, ES-

598.926 > 99.22

7.816e+001



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

FOSA

I3793 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 L1913816-03

F28:MRM of 2 channels, ES-

497.989 > 78.245

1.000e-003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8FOSA

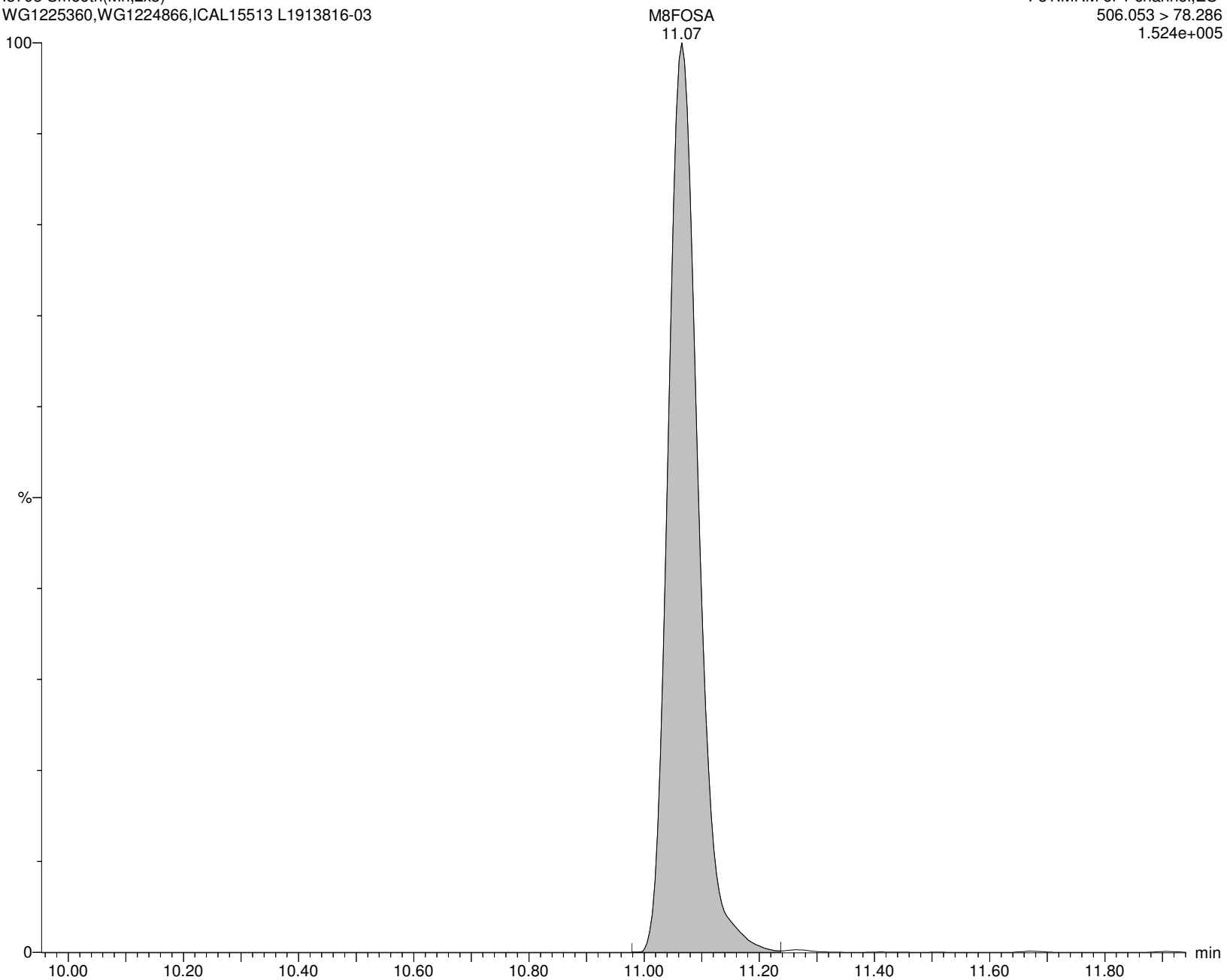
I3793 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-03

F31:MRM of 1 channel,ES-

506.053 > 78.286

1.524e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d5-NEtFOSAA

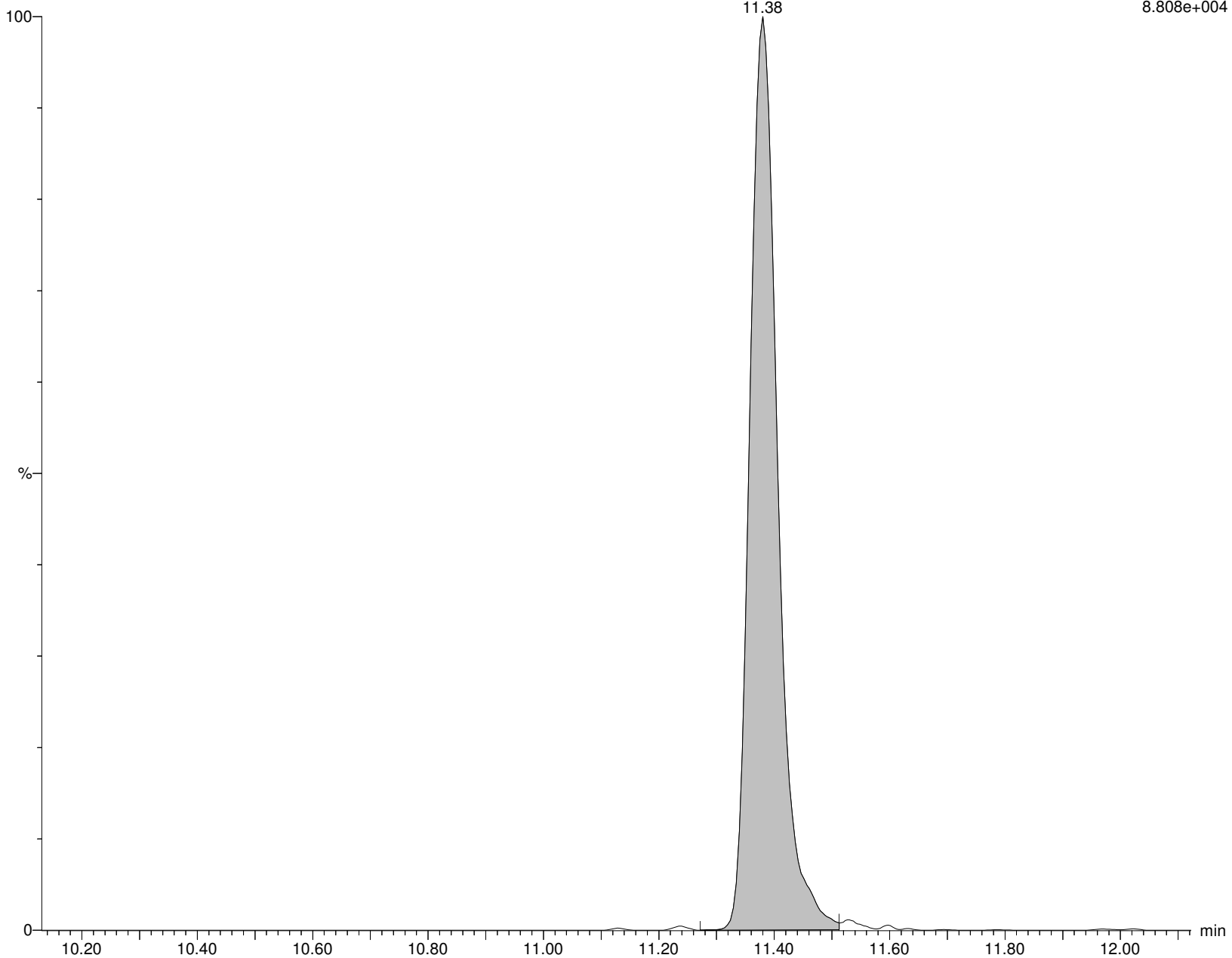
I3793 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-03

F45:MRM of 1 channel,ES-

589.117 > 418.929

8.808e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NEtFOSAA

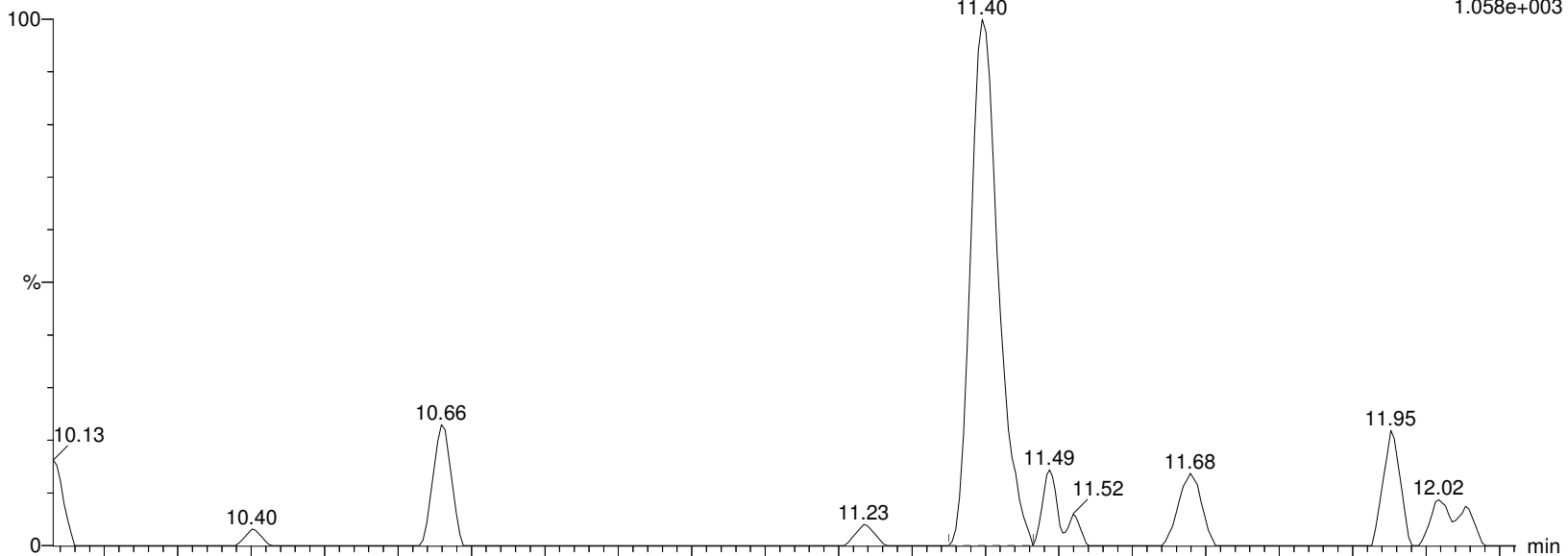
I3793 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 L1913816-03

F44:MRM of 2 channels, ES-

583.989 > 418.927

1.058e+003



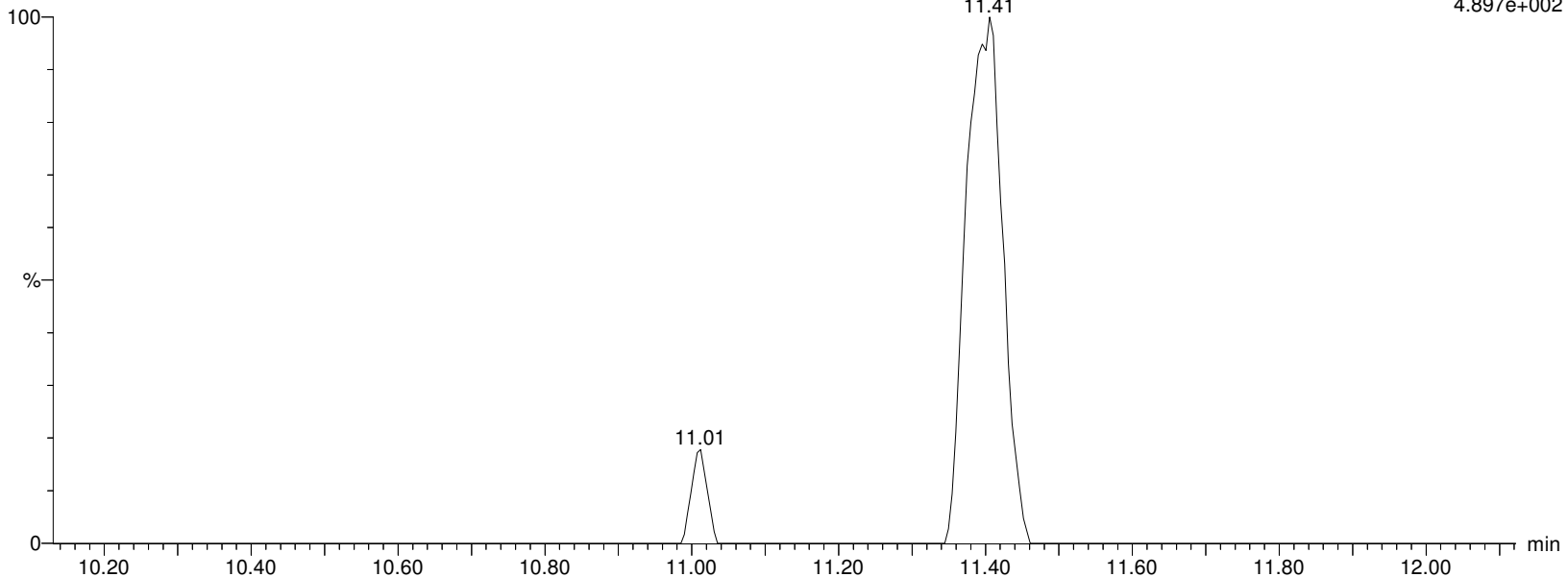
I3793 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 L1913816-03

F44:MRM of 2 channels, ES-

583.989 > 482.88

4.897e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDoA

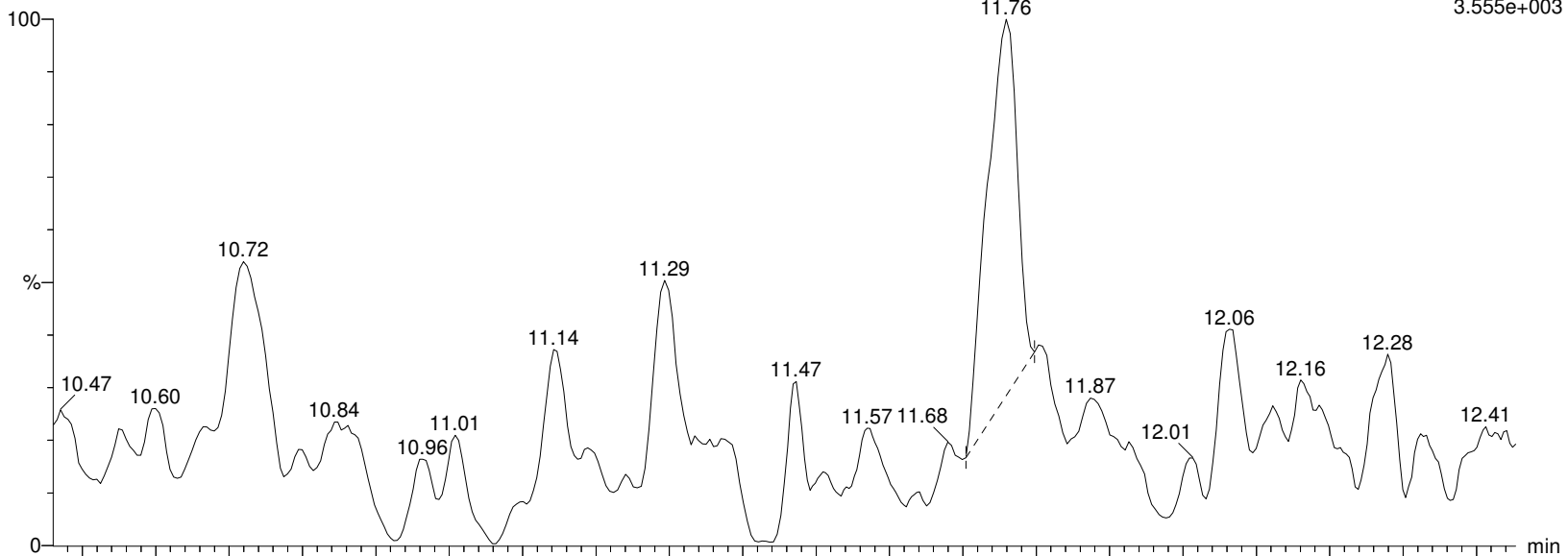
I3793 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-03

F47:MRM of 2 channels,ES-

612.989 > 568.967

3.555e+003



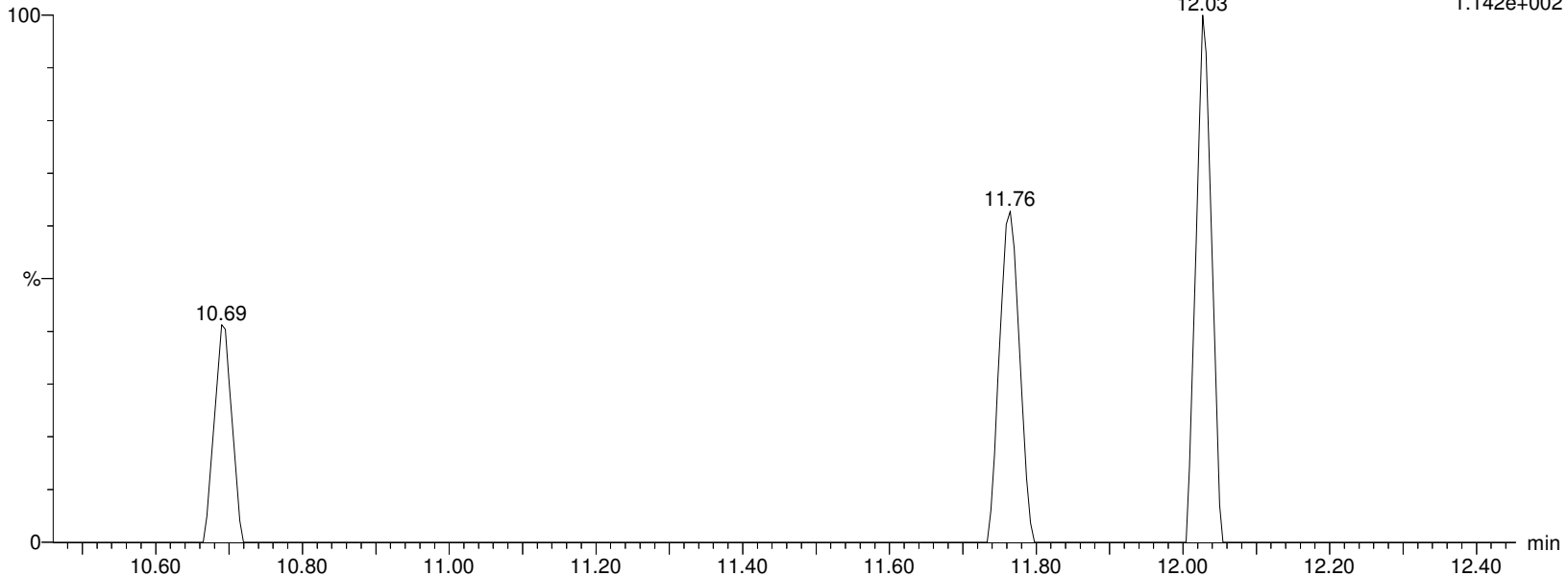
I3793 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-03

F47:MRM of 2 channels,ES-

612.989 > 219.08

1.142e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFDOA

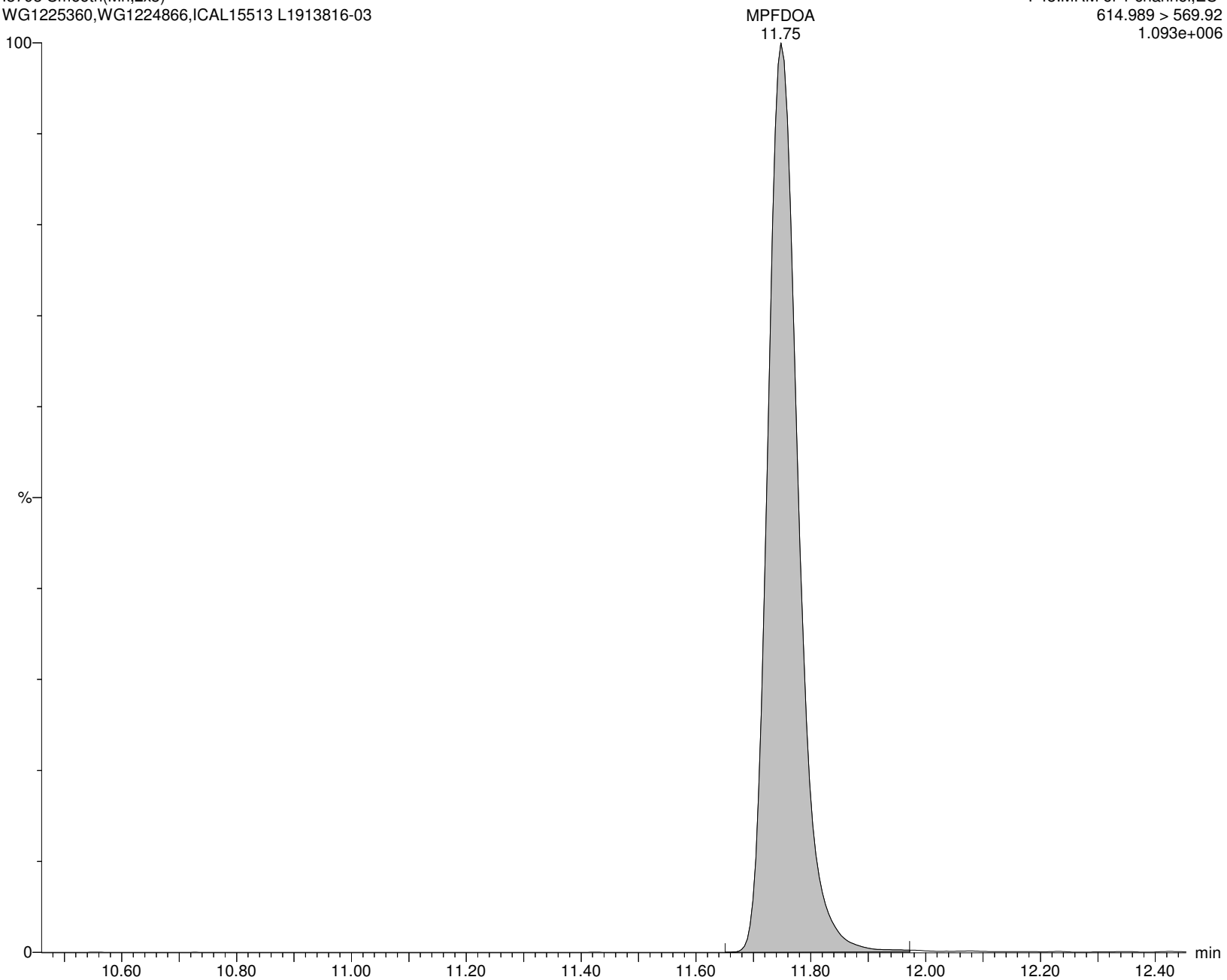
I3793 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-03

F48:MRM of 1 channel,ES-

614.989 > 569.92

1.093e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTTrDA

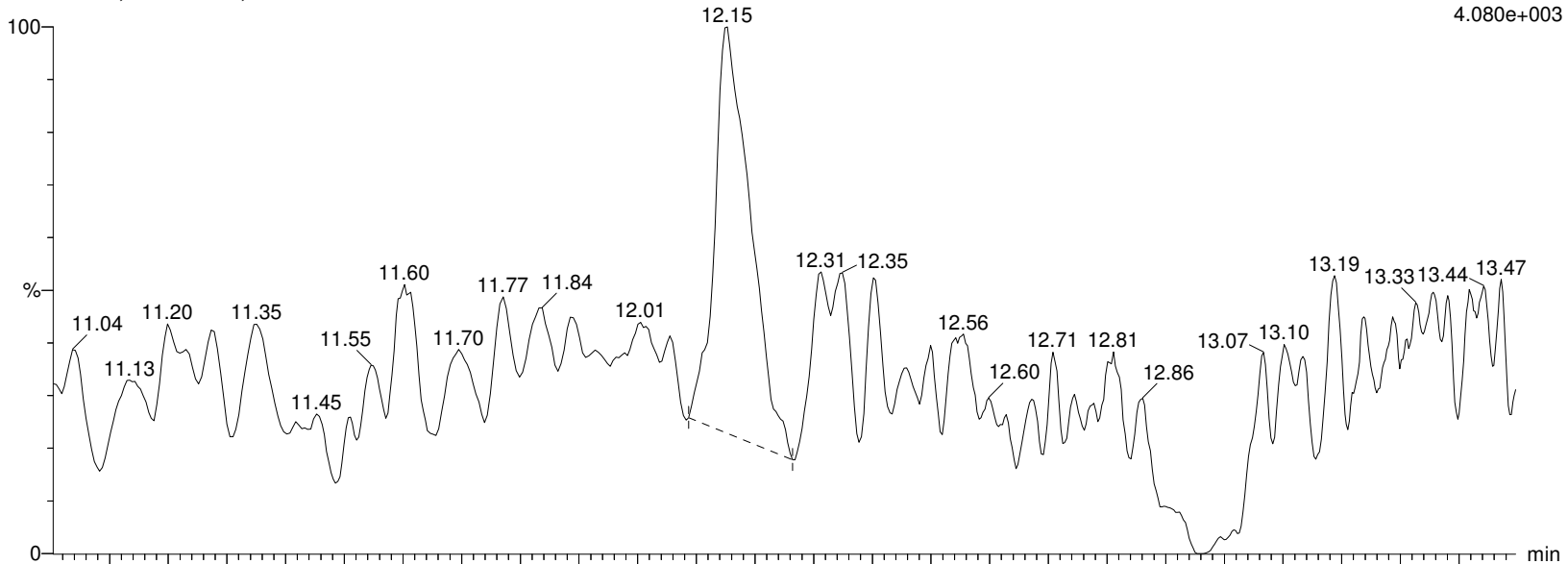
I3793 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-03

F51:MRM of 2 channels,ES-

663.053 > 618.969

4.080e+003



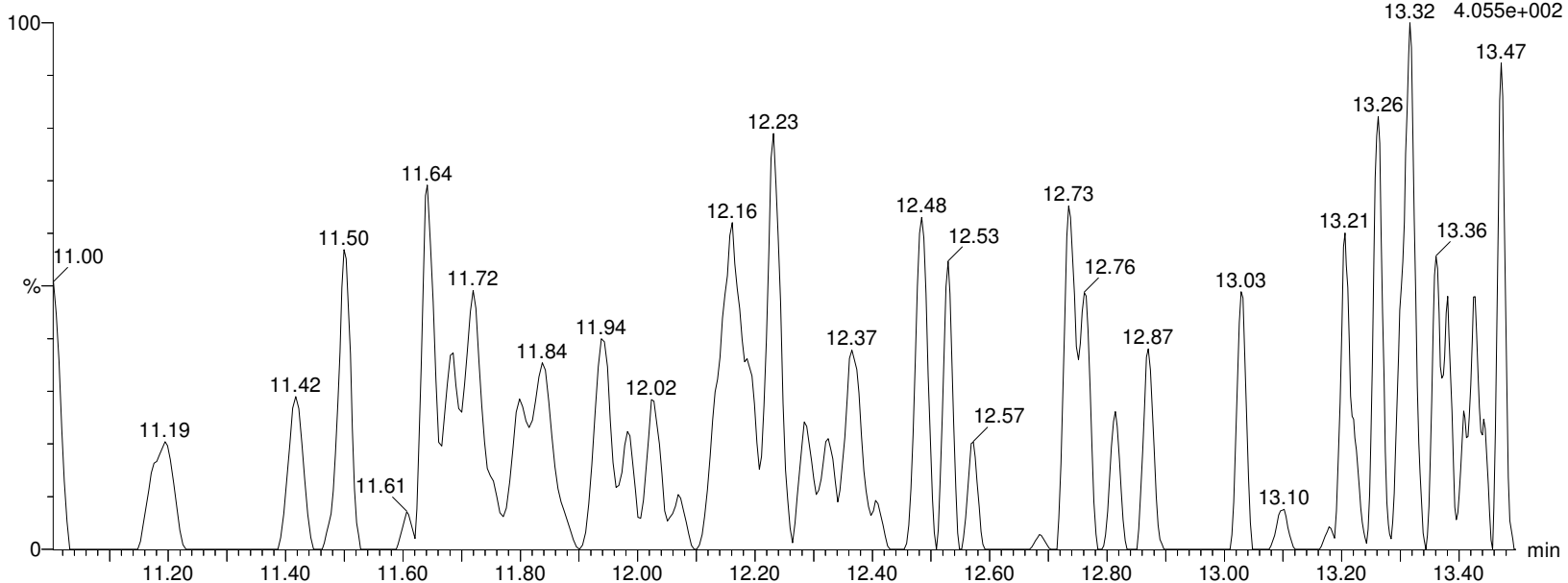
I3793 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-03

F51:MRM of 2 channels,ES-

663.053 > 319.02

13.32 4.055e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

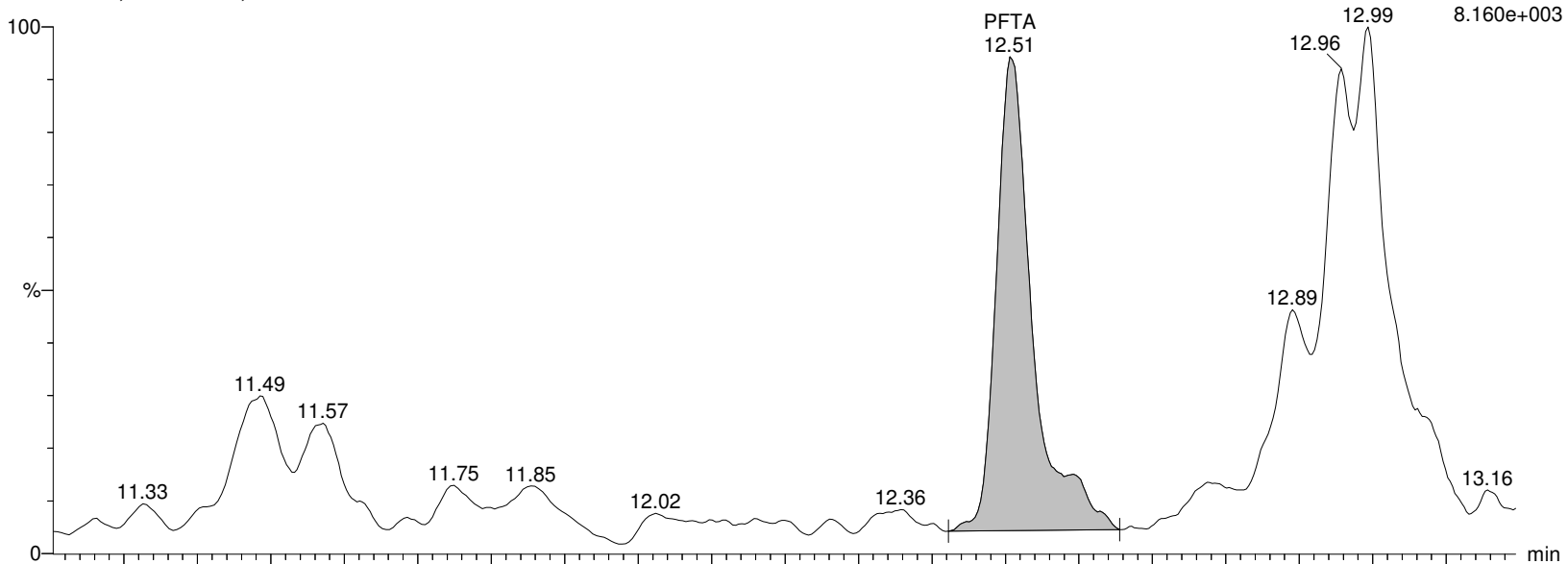
Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTA

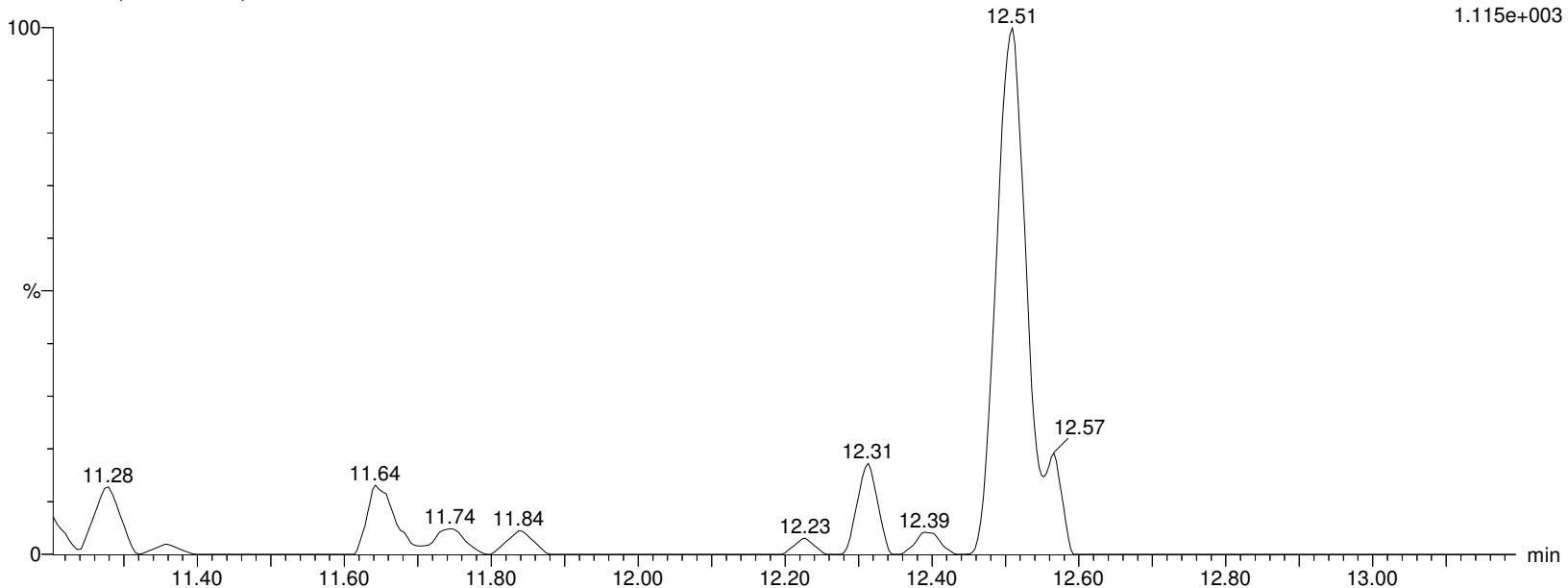
I3793 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-03



I3793 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-03



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:55 Eastern Daylight Time

Name: I3793

ID: L1913816-03

Date: 11-Apr-2019

Time: 15:26:42

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:C,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFTEDA

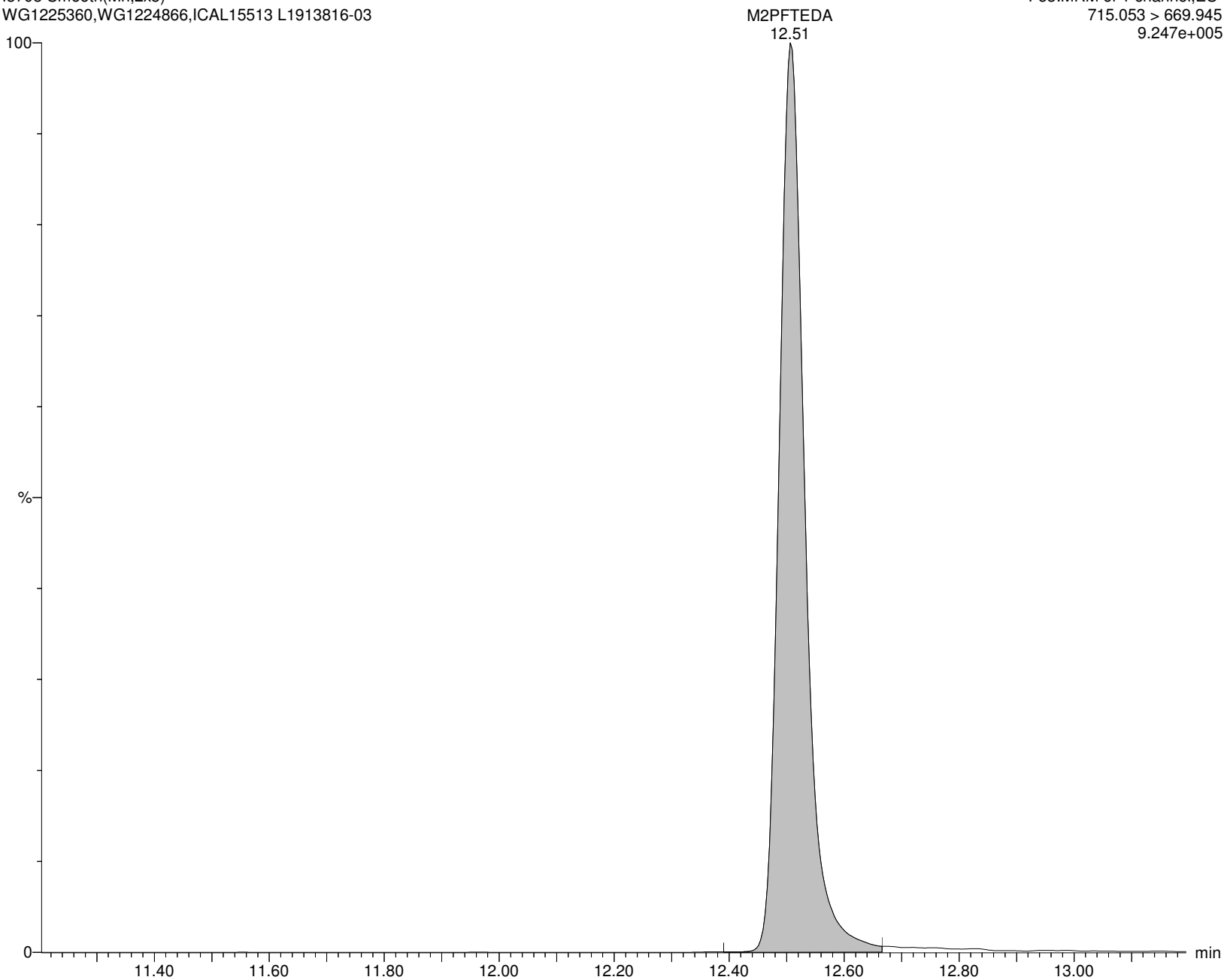
I3793 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 L1913816-03

F53:MRM of 1 channel, ES-

715.053 > 669.945

9.247e+005



Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld
Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time
Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Method: C:\MassLynx\Data\2019\190411_537ISO.PRO\MethDB\537ISO_Q_190215_RT.mdb 10 Apr 2019 16:27:50
Calibration: C:\MassLynx\Data\2019\190411_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 08:45:17

ID: L1913816-05
Name: I3794
Date: 11-Apr-2019
Time: 15:43:16
Description: WG1225360,WG1224866,ICAL15513
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:JW

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.35	212.926 > 169.111	528		0.207		na	
2	M3PFBA	INT STD	2.35	215.926 > 172.122	34256		7.217		na	72.2
3	MPFBA	INT STD	2.35	216.926 > 172.137	29676		8.019		na	80.2
4	PFPeA	2706-90-3		262.926 > 219.002			ND		na	
5	M5PFPEA	INT STD	5.24	267.989 > 223.081	51640		11.218		na	112.2
6	PFBS	375-73-5		298.989 > 80.295			ND		na	
7	M3PFBS	INT STD	5.88	301.989 > 80.254	11498		8.741		na	87.4
8	4:2FTS	757124-72-4		326.926 > 306.957			ND		YES	
9	M2-4:2FTS	INT STD	7.04	329.117 > 309.079	5031		8.244		na	82.4
10	PFHxA	307-24-4		312.989 > 269.028			ND		YES	
11	M5PFHxA	INT STD	7.13	317.989 > 273.045	71016		8.278		na	82.8
12	PFPeS	2706-91-4		348.926 > 80.251			ND		YES	
13	PFHpA	375-85-9		362.926 > 319.014			ND		YES	
14	M4PFHpA	INT STD	8.39	366.926 > 321.979	88079		7.948		na	79.5
15	br-PFHxS	355-46-4		398.926 > 80.295			ND		YES	
16	L-PFHxS	355-46-4		398.926 > 80.295			ND		YES	
17	PFHxS	355-46-4		398.926 > 80.295	0		ND		na	
18	M3PFHxS	INT STD	8.54	401.926 > 80.317	8448		9.072		na	90.7
19	br-PFOA	335-67-1		412.989 > 368.9			ND		YES	
20	L-PFOA	335-67-1		412.989 > 368.9			ND		YES	
21	M2PFOA	INT STD	9.34	415.032 > 369.968	103185		10.419		na	104.2
22	PFOA	335-67-1		412.989 > 368.9	0		ND		na	
23	M8PFOA	INT STD	9.34	420.989 > 375.979	83074		8.383		na	83.8
24	6:2FTS	27619-97-2		426.989 > 406.921			ND		na	
25	M2-6:2FTS	INT STD	9.30	428.989 > 408.917	3873		6.319		na	63.2
26	PFHpS	375-92-8		448.926 > 80.257			ND		YES	
27	PFNA	375-95-1		462.989 > 418.931			ND		YES	
28	M9PFNA	INT STD	10.09	472.053 > 426.947	80345		8.526		na	85.3
29	br-PFOS	1763-23-1		498.989 > 80.294			ND		YES	
30	L-PFOS	1763-23-1		498.989 > 80.294			ND		YES	
31	PFOS	1763-23-1		498.989 > 80.294	0		ND		na	
32	M4PFOS	INT STD	10.14	503.032 > 80.306	10576		11.438		na	114.4
33	M8PFOS	INT STD	10.14	507.053 > 80.294	8815		8.289		na	82.9
34	PFDA	335-76-2		513.053 > 468.906			ND		YES	
35	M2PFDA	INT STD	10.73	515.053 > 469.934	83999		11.136		na	111.4
36	M6PFDA	INT STD	10.72	519.053 > 473.931	73166		8.138		na	81.4
37	8:2FTS	39108-34-4		526.989 > 506.946			ND		na	
38	M2-8:2FTS	INT STD	10.72	529.053 > 508.945	2230		6.610		na	66.1
39	PFNS	68259-12-1		548.989 > 80.249			ND		YES	

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

ID: L1913816-05

Name: I3794

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:JW

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	11.09	573.096 > 418.987	4686		5.481		na	54.8
41	NMeFOSAA	2355-31-9		570.053 > 418.917			ND		na	
42	PfUnA	2058-94-8		562.989 > 518.903			ND		YES	
43	M7-PFUDA	INT STD	11.27	570.053 > 524.923	64324		8.531		na	85.3
44	PFDS	335-77-3		598.926 > 80.314			ND		YES	
45	FOSA	754-91-6		497.989 > 78.245			ND		na	
46	M8FOSA	INT STD	11.06	506.053 > 78.286	6664		2.360		na	23.6
47	d5-NEtFOSAA	INT STD	11.37	589.117 > 418.929	4070		5.261		na	52.6
48	NEtFOSAA	2991-50-6		583.989 > 418.927			ND		YES	
49	PFDaA	307-55-1		612.989 > 568.967			ND		YES	
50	MPFDOA	INT STD	11.74	614.989 > 569.92	66204		7.653		na	76.5
51	PFTTrDA	72629-94-8		663.053 > 618.969			ND		YES	
52	PFTA	376-06-7		713.053 > 668.976			ND		YES	
53	M2PFTEDA	INT STD	12.51	715.053 > 669.945	46182		8.017		na	80.2

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Method: C:\MassLynx\Data\2019\190411_537ISO.PRO\MethDB\537ISO_Q_190215_RT.mdb 10 Apr 2019 16:27:50

Calibration: C:\MassLynx\Data\2019\190411_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 08:45:17

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBA

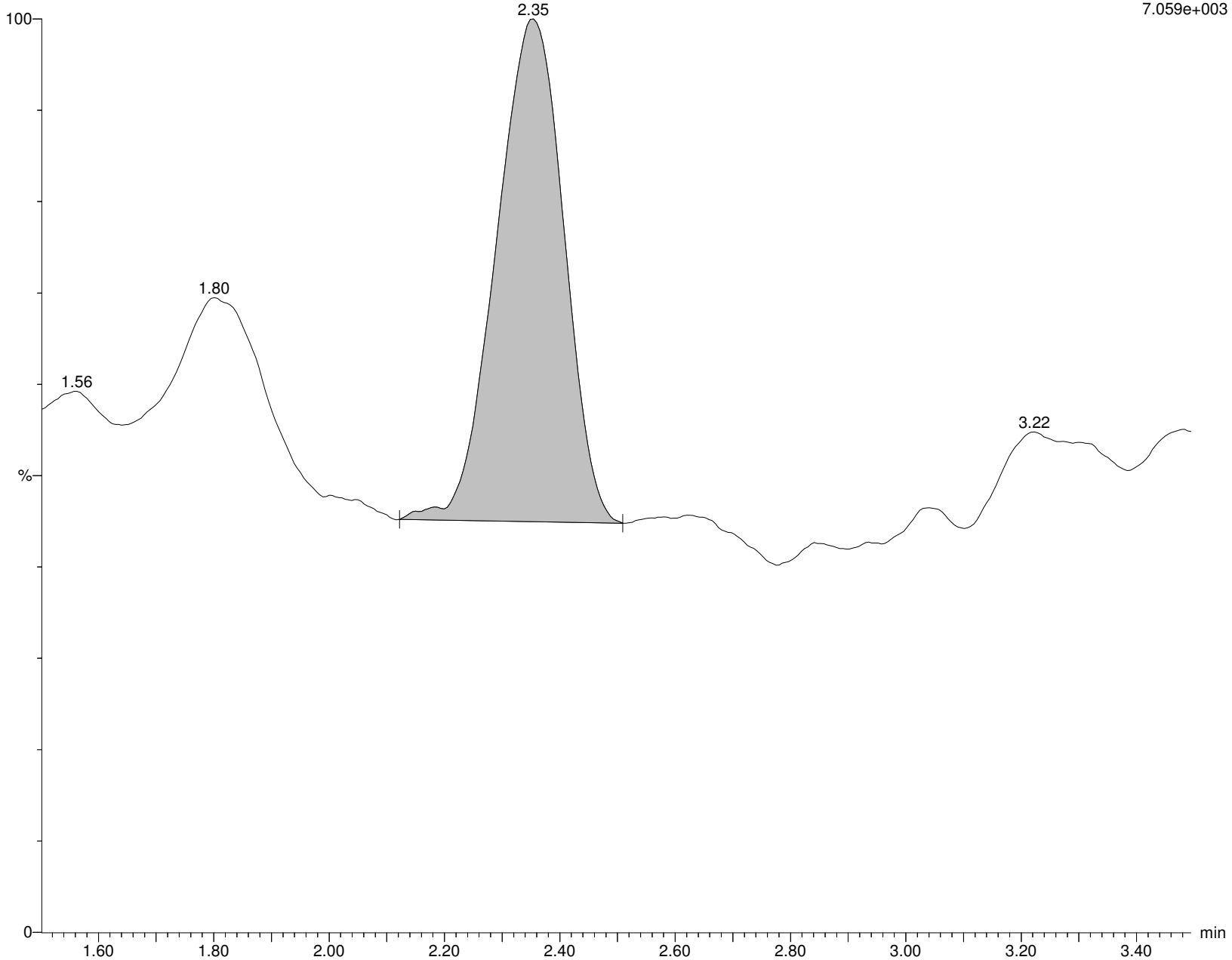
I3794 Smooth(Mn,2x5)

WG1225360,WG1224866,ICAL15513 L1913816-05

F1:MRM of 1 channel,ES-

212.926 > 169.111

7.059e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBA

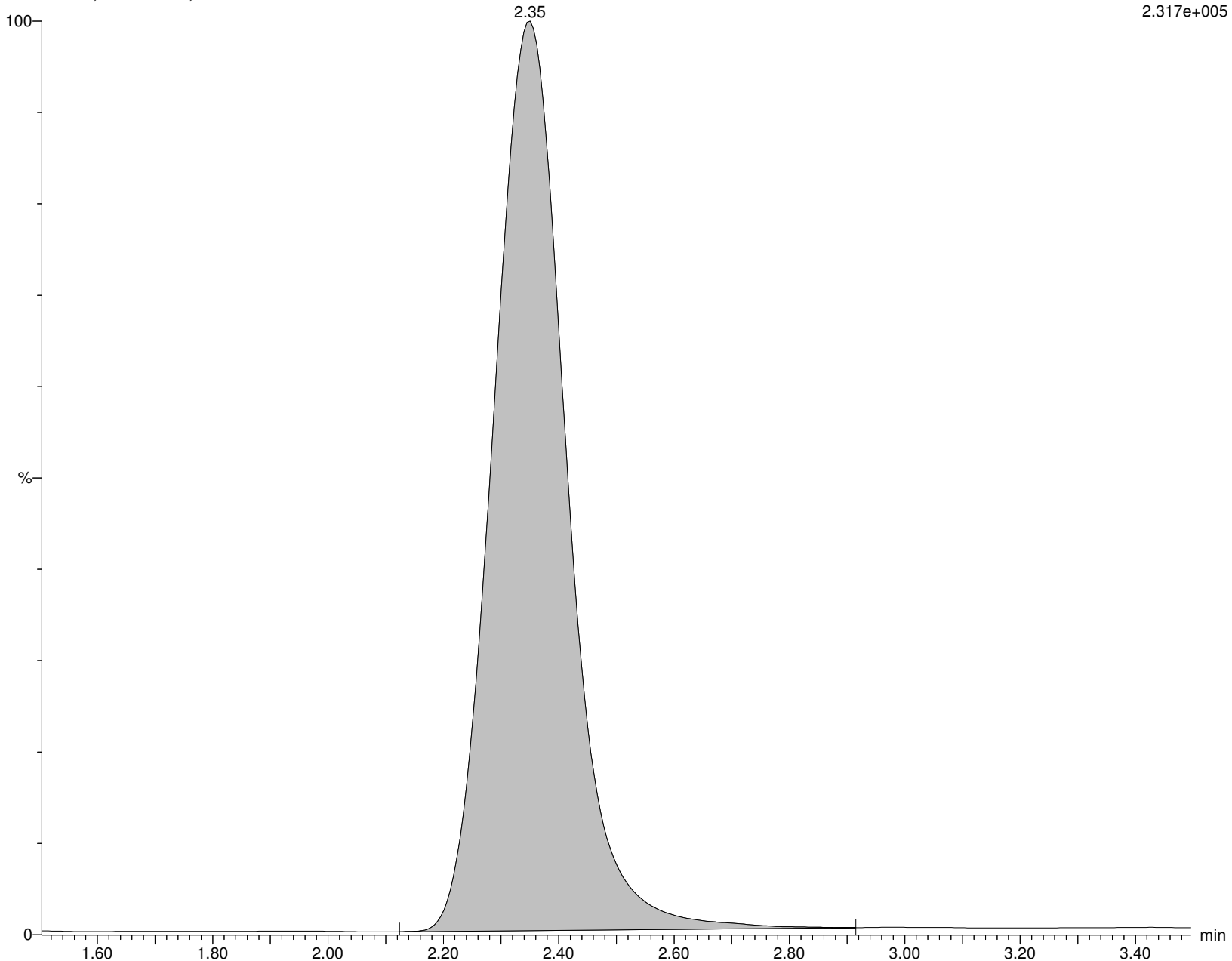
I3794 Smooth(Mn,2x6)

WG1225360,WG1224866,ICAL15513 L1913816-05

F2:MRM of 1 channel,ES-

215.926 > 172.122

2.317e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFBA

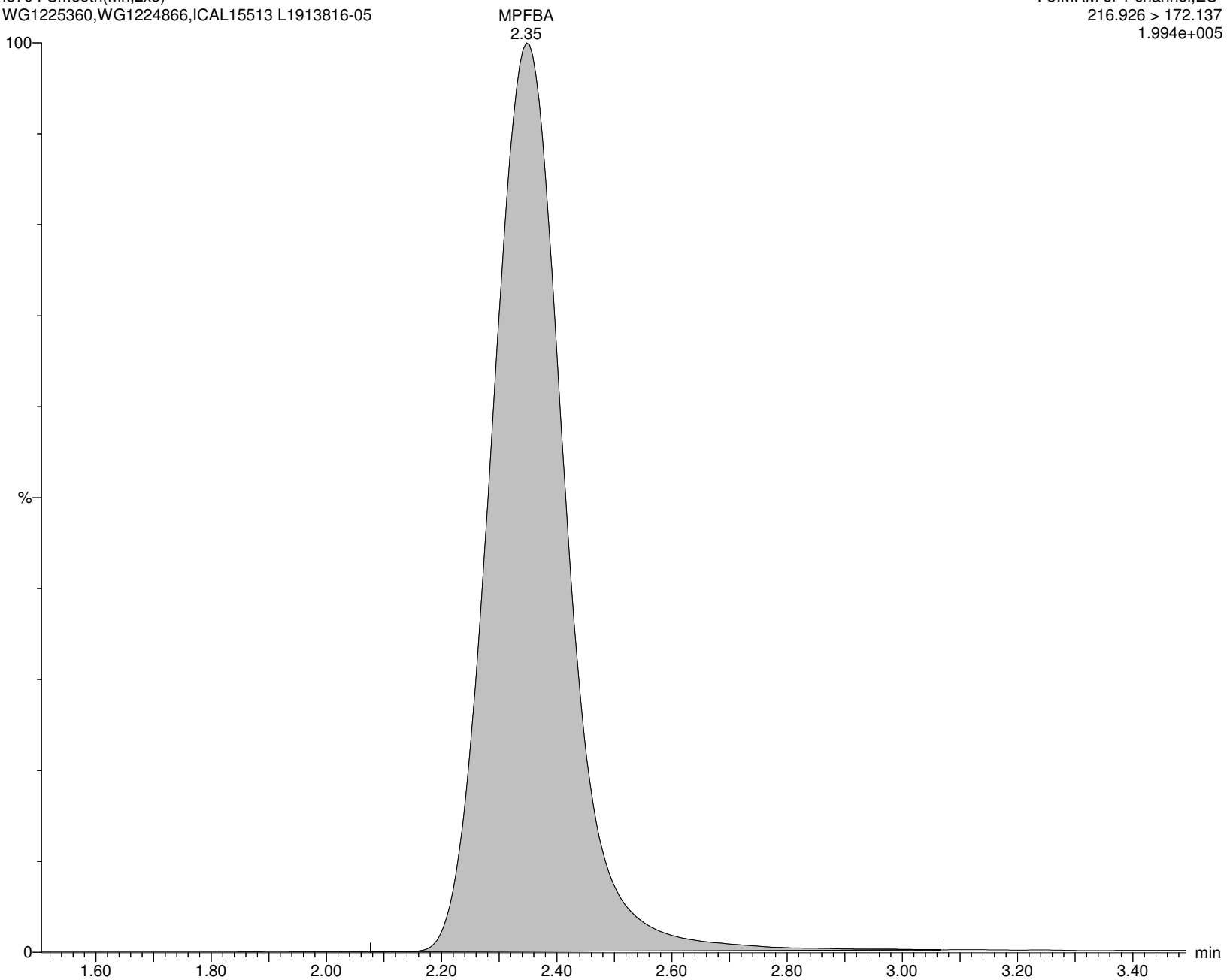
I3794 Smooth(Mn,2x6)

WG1225360,WG1224866,ICAL15513 L1913816-05

F3:MRM of 1 channel,ES-

216.926 > 172.137

1.994e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeA

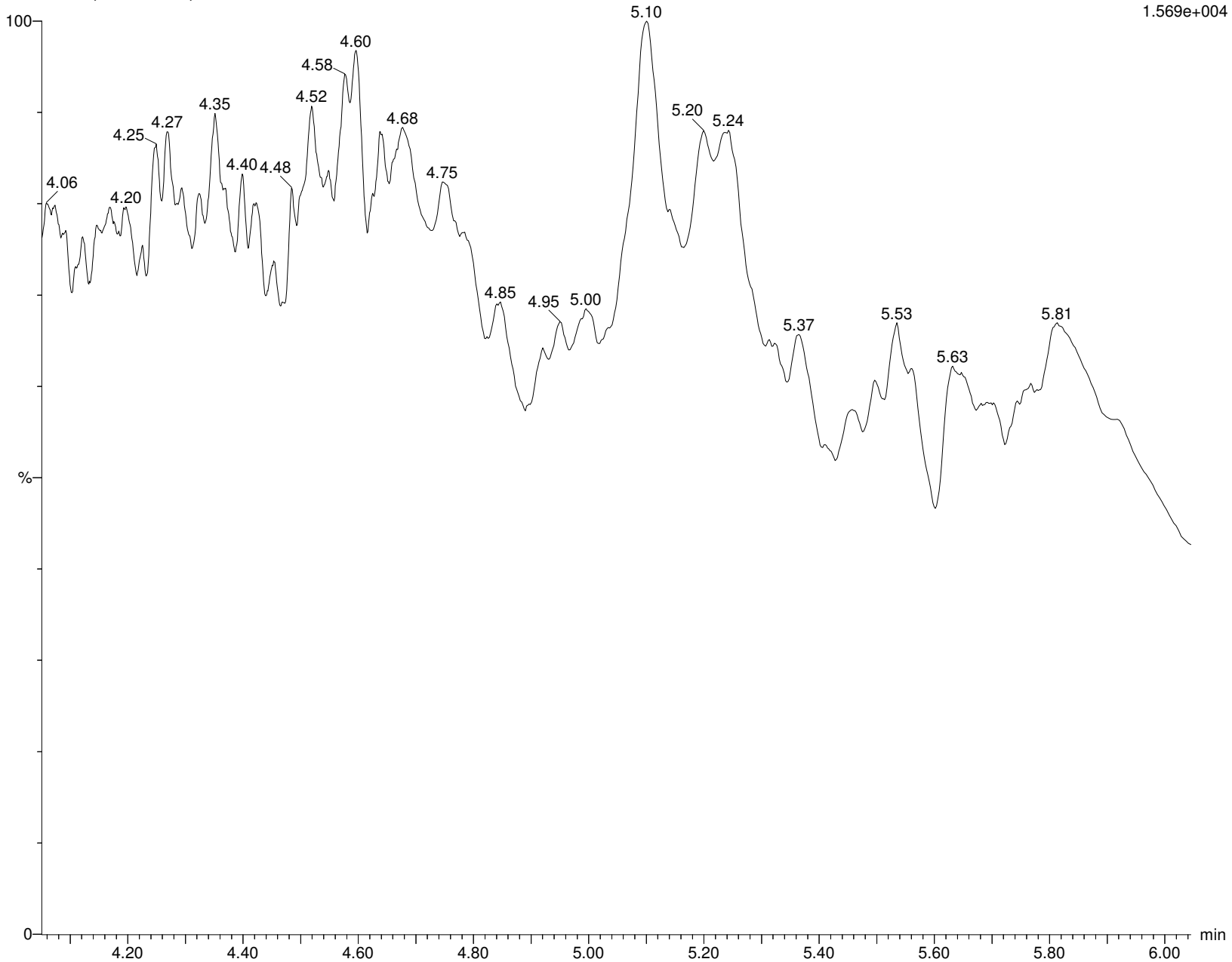
I3794 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513 L1913816-05

F4:MRM of 2 channels,ES-

262.926 > 219.002

1.569e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFPEA

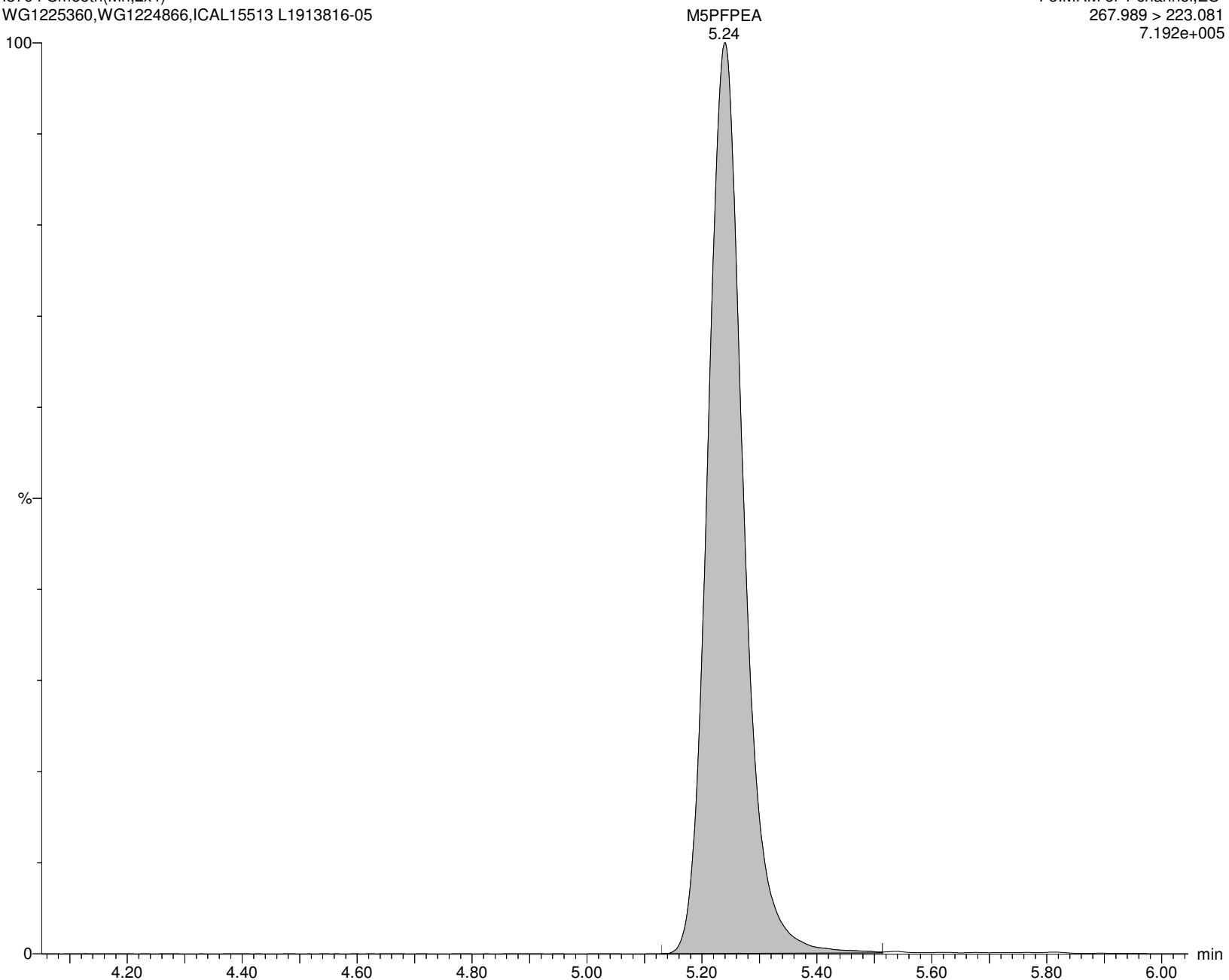
I3794 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513 L1913816-05

F5:MRM of 1 channel,ES-

267.989 > 223.081

7.192e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBS

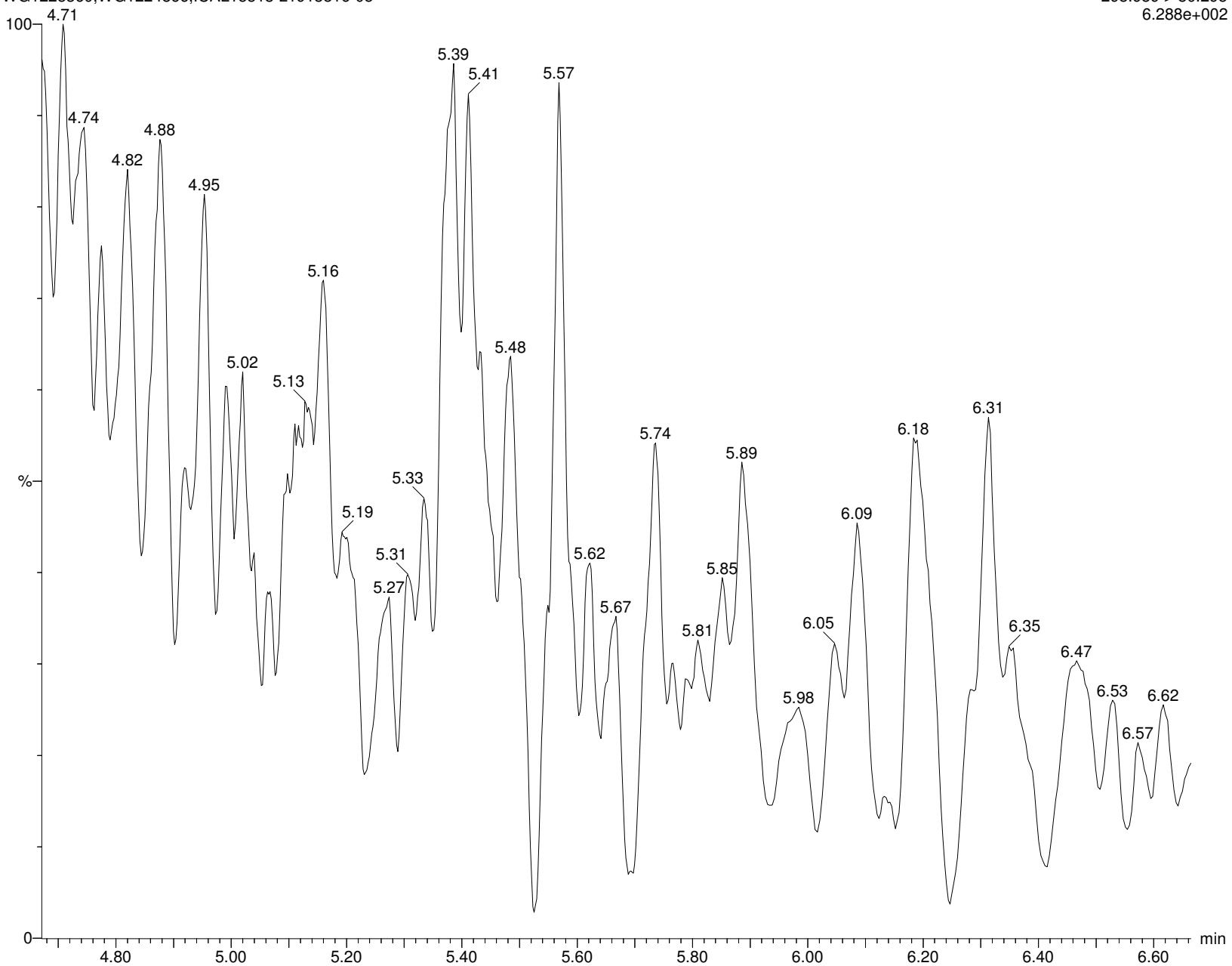
I3794 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-05

F6:MRM of 2 channels,ES-

298.989 > 80.295

6.288e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBS

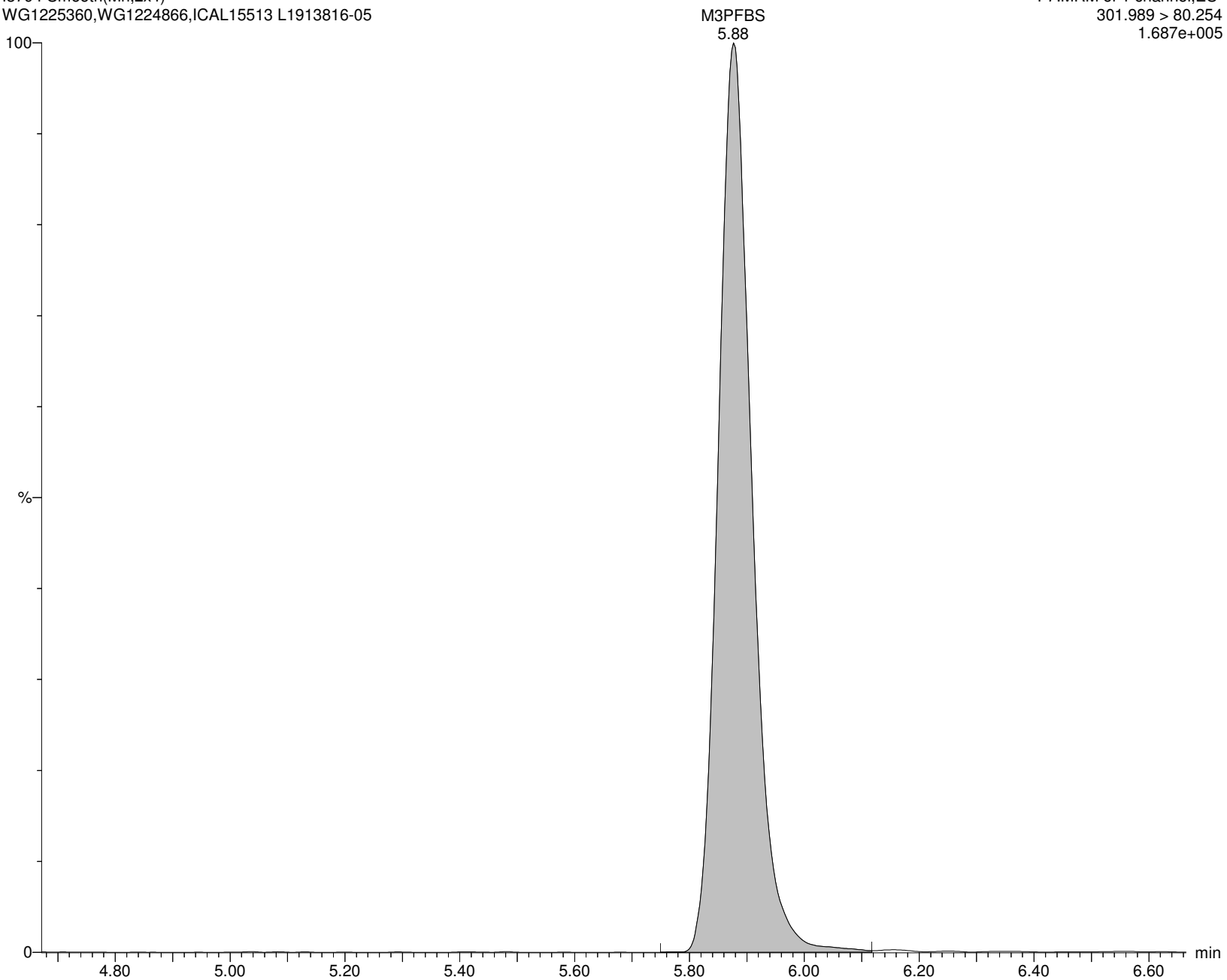
I3794 Smooth(Mn,2x4)

WG1225360, WG1224866, ICAL15513 L1913816-05

F7:MRM of 1 channel, ES-

301.989 > 80.254

1.687e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

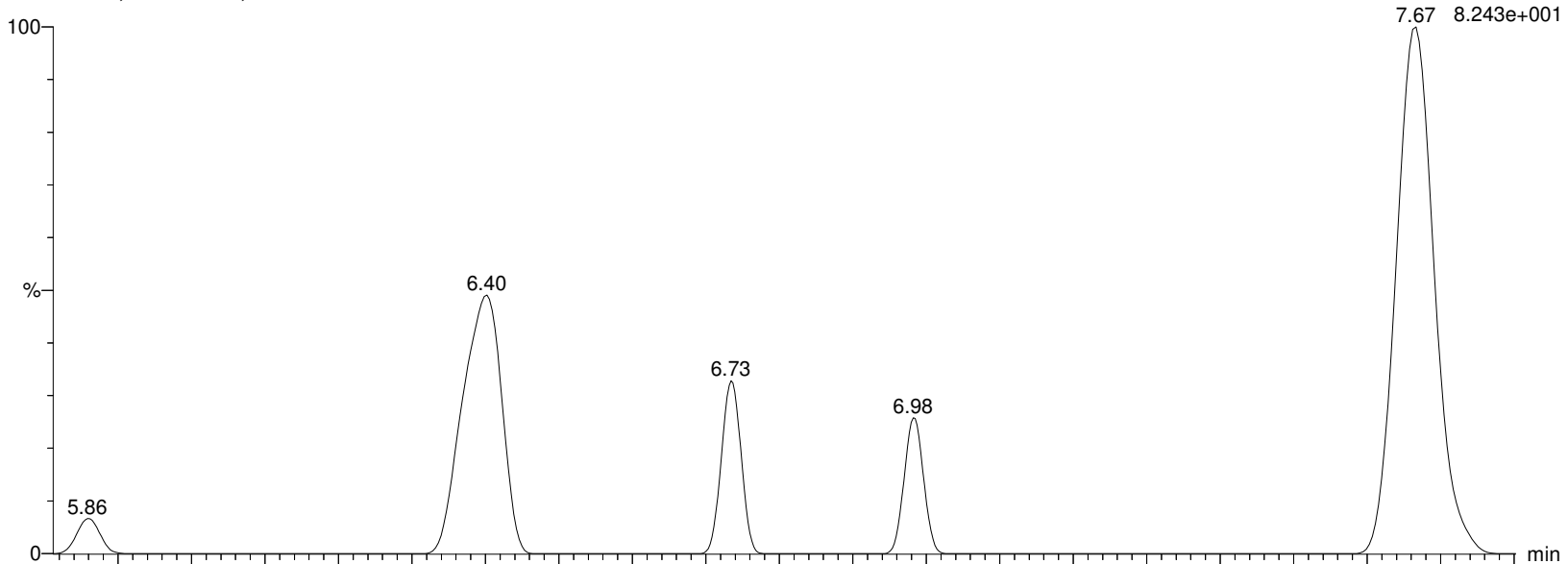
Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

4:2FTS

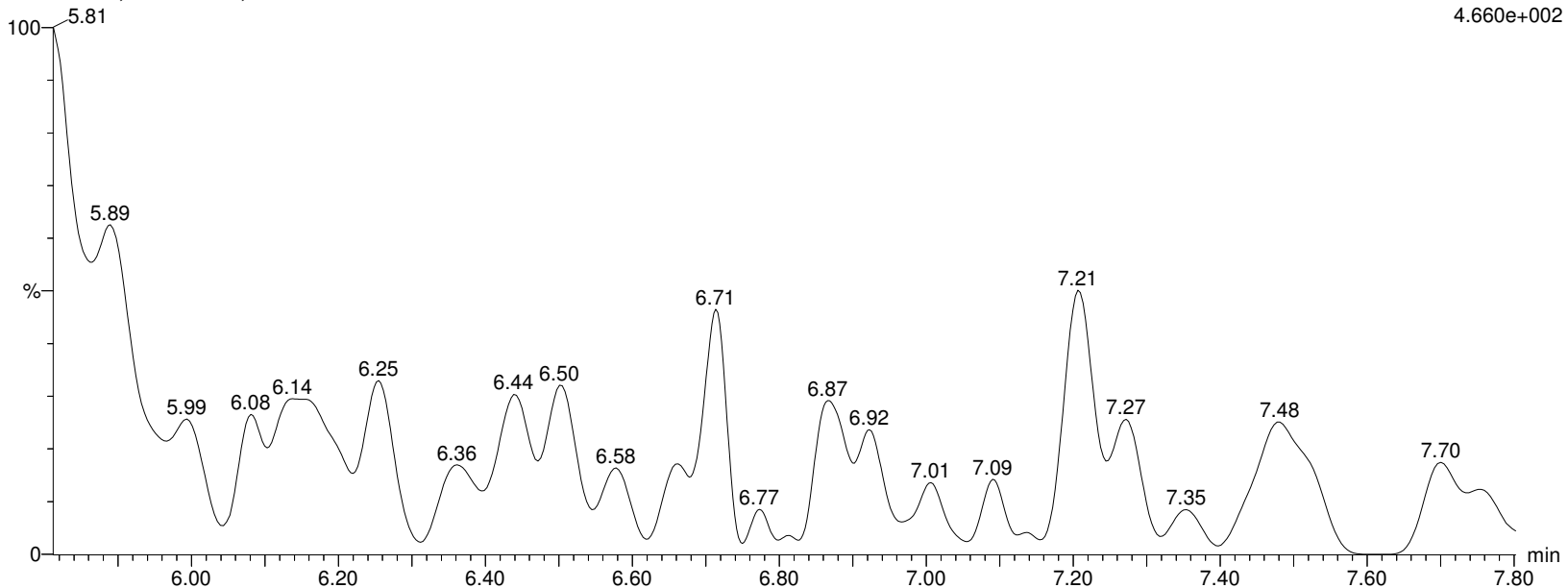
I3794 Smooth(Mn,5x3)

WG1225360,WG1224866,ICAL15513 L1913816-05



I3794 Smooth(Mn,5x3)

WG1225360,WG1224866,ICAL15513 L1913816-05



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-4:2FTS

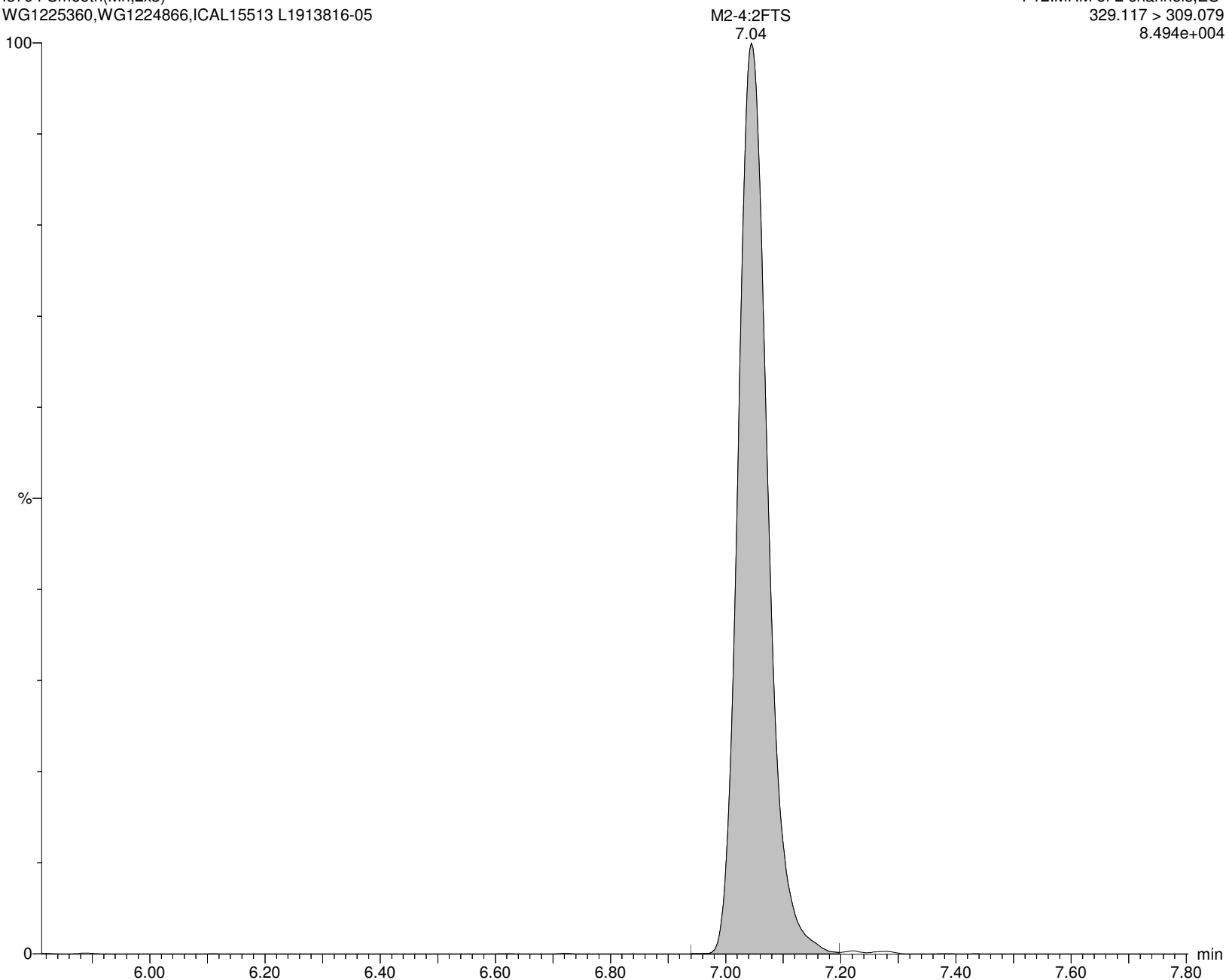
I3794 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-05

F12:MRM of 2 channels,ES-

329.117 > 309.079

8.494e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxA

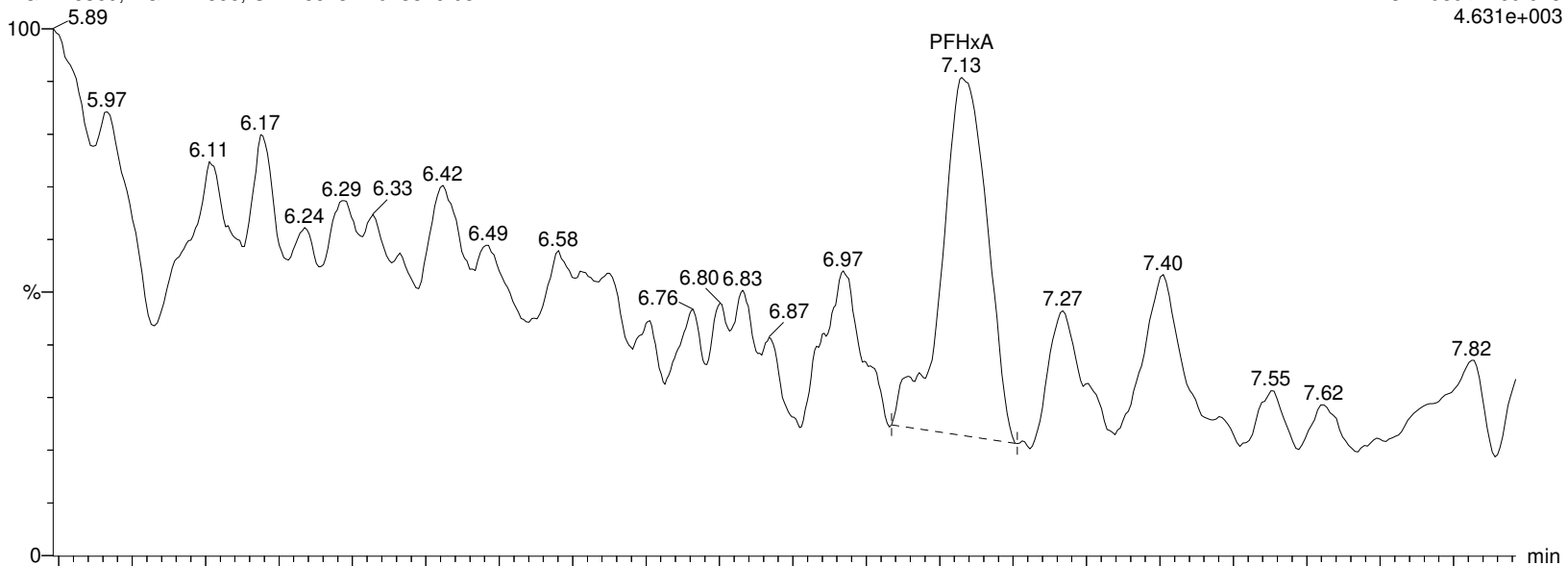
I3794 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-05

F8:MRM of 2 channels,ES-

312.989 > 269.028

4.631e+003



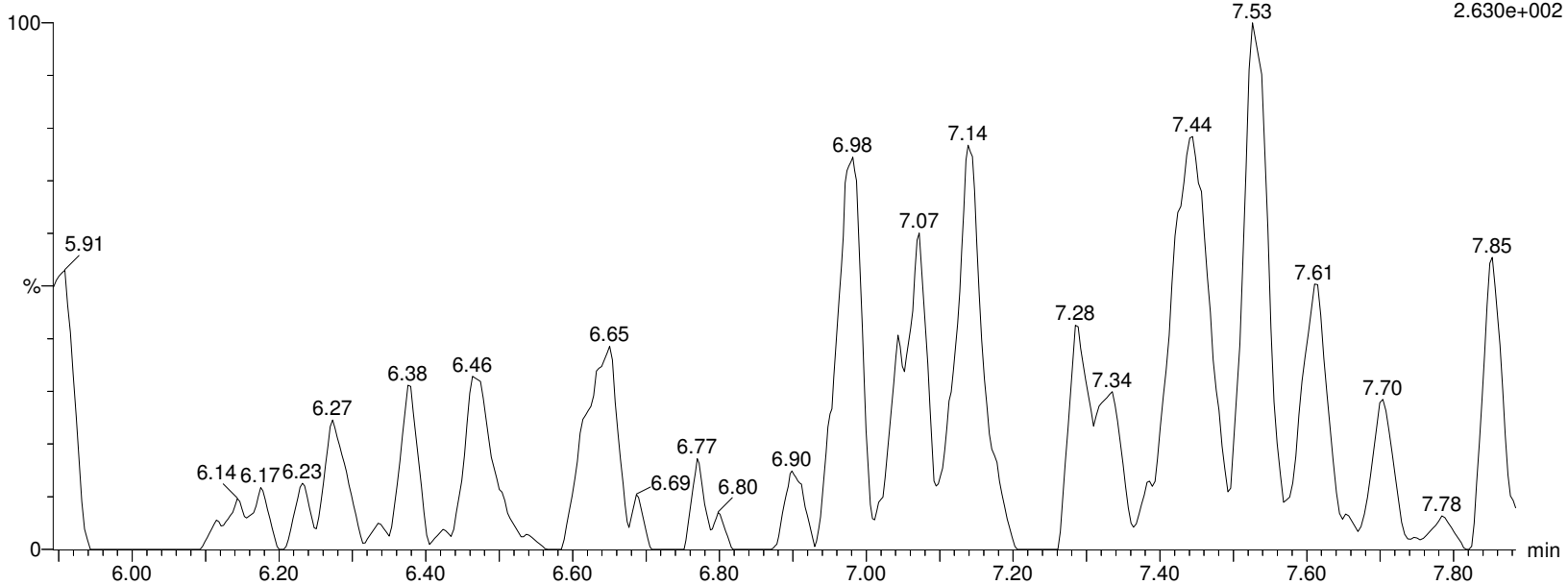
I3794 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-05

F8:MRM of 2 channels,ES-

312.989 > 119.18

2.630e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFHxA

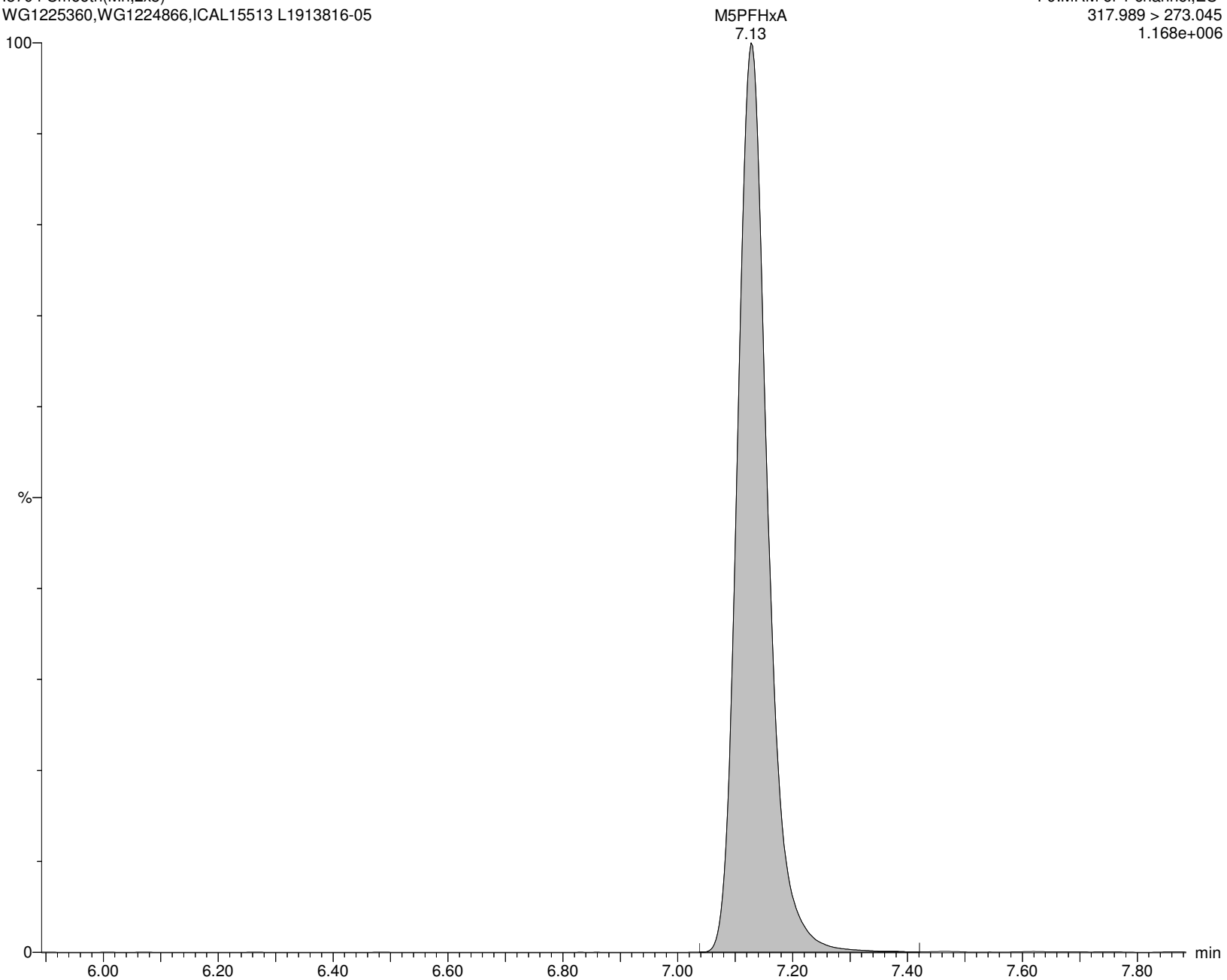
I3794 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-05

F9:MRM of 1 channel,ES-

317.989 > 273.045

1.168e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeS

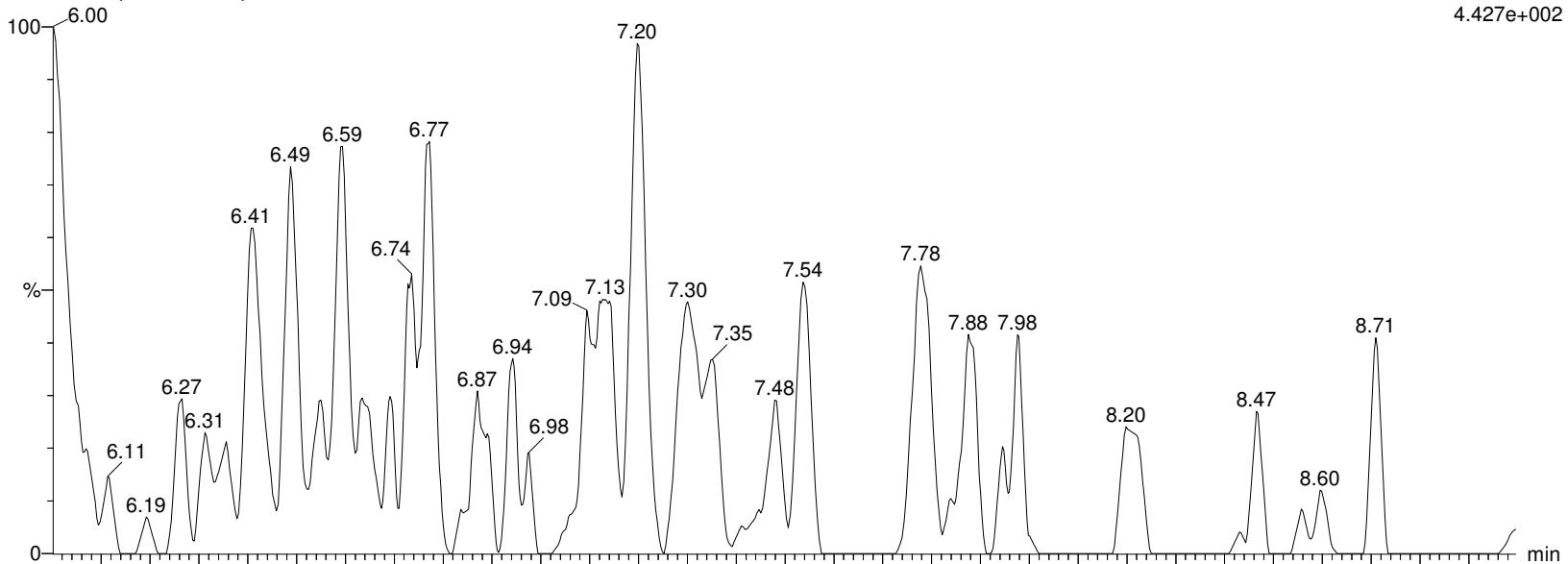
I3794 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-05

F14:MRM of 2 channels,ES-

348.926 > 80.251

4.427e+002



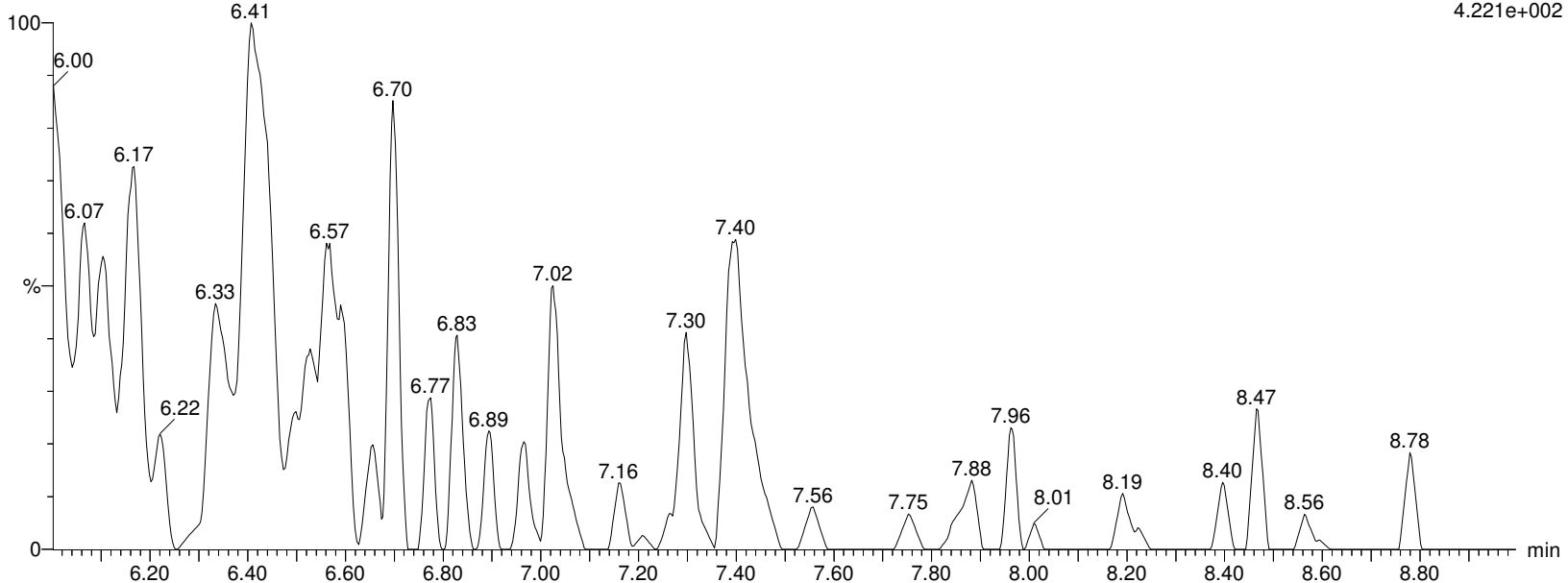
I3794 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-05

F14:MRM of 2 channels,ES-

348.926 > 99.16

4.221e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpA

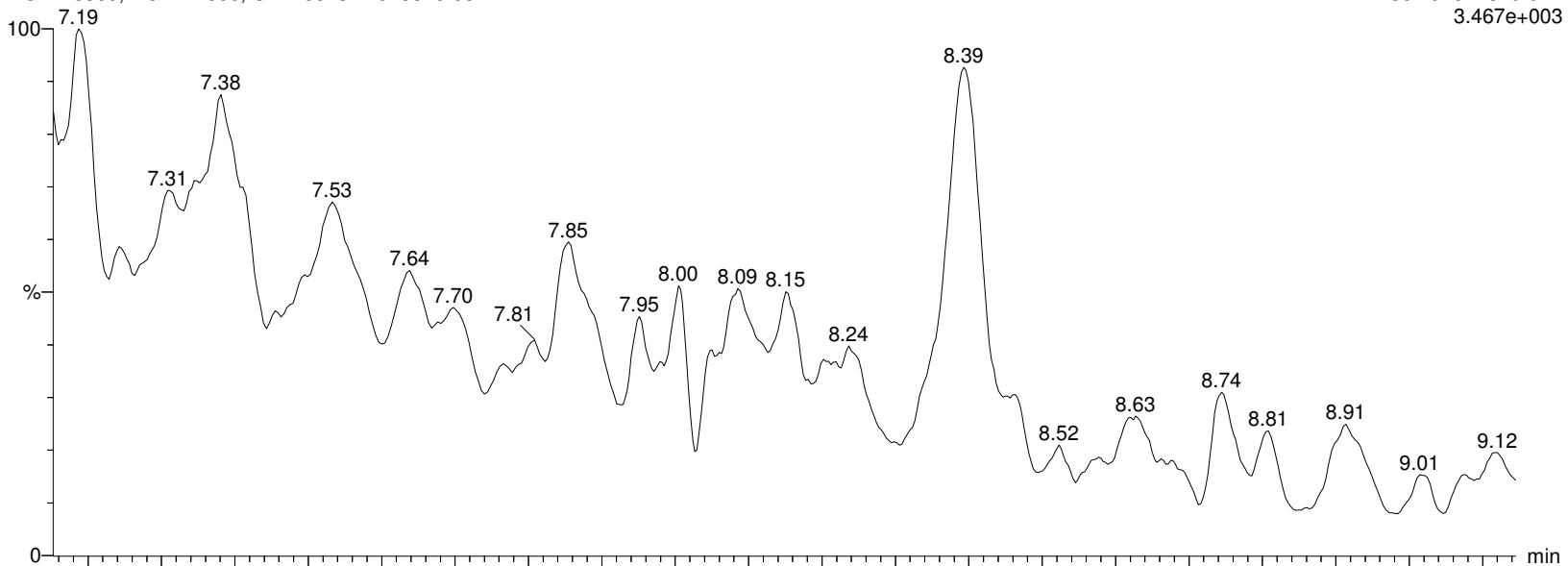
I3794 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-05

F15:MRM of 2 channels,ES-

362.926 > 319.014

3.467e+003



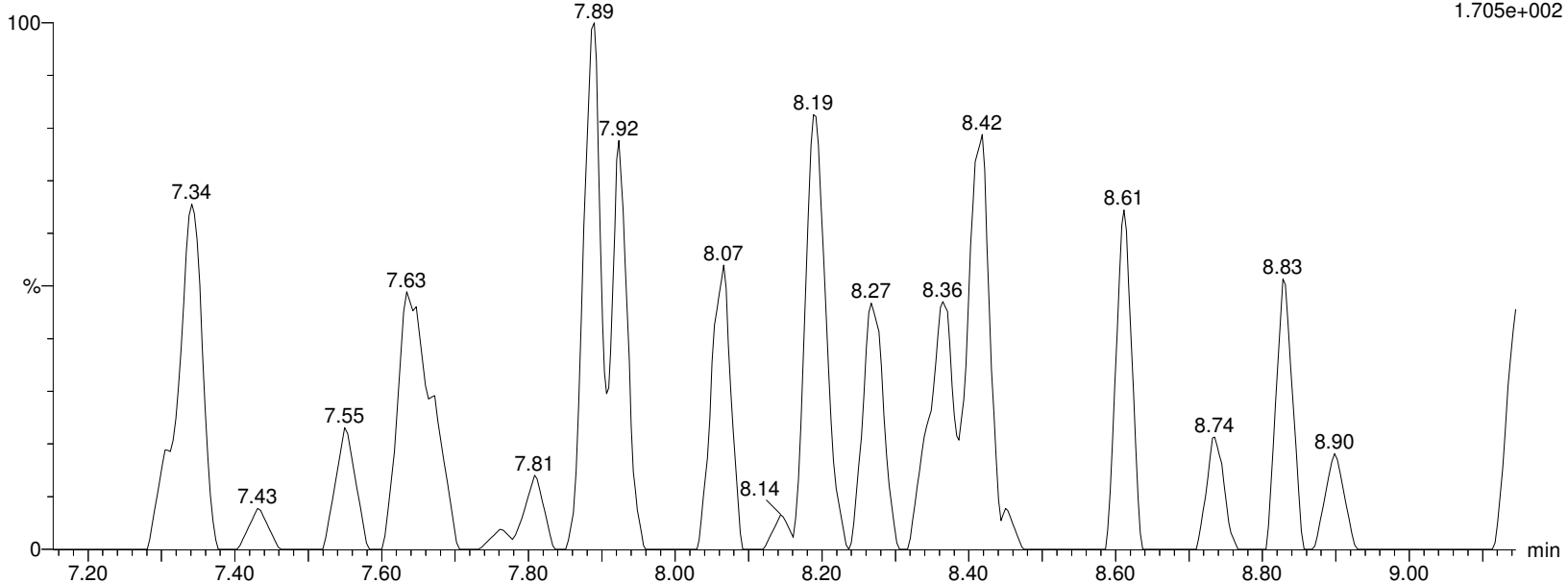
I3794 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-05

F15:MRM of 2 channels,ES-

362.926 > 169.12

1.705e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFHpA

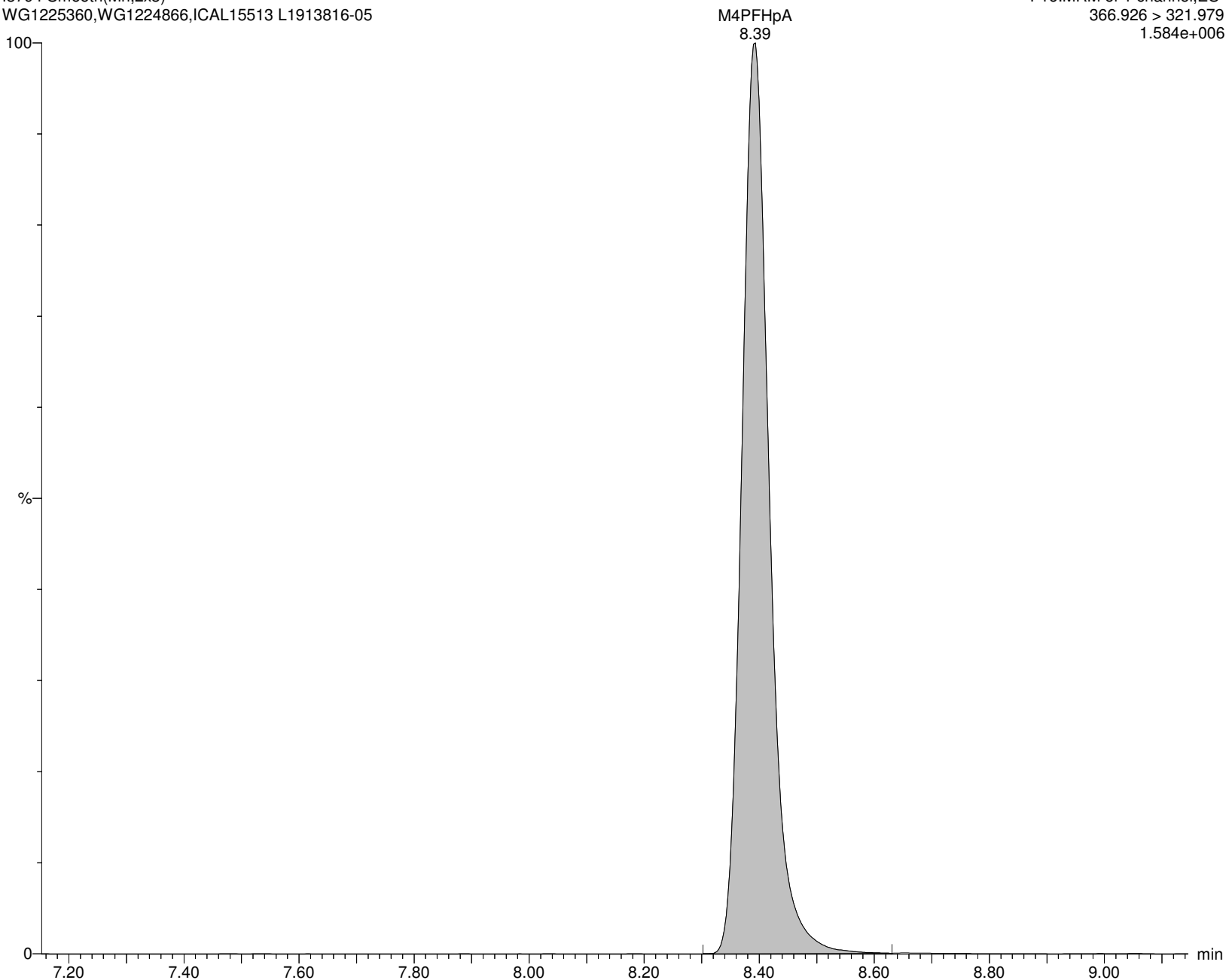
I3794 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-05

F16:MRM of 1 channel,ES-

366.926 > 321.979

1.584e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFHxS

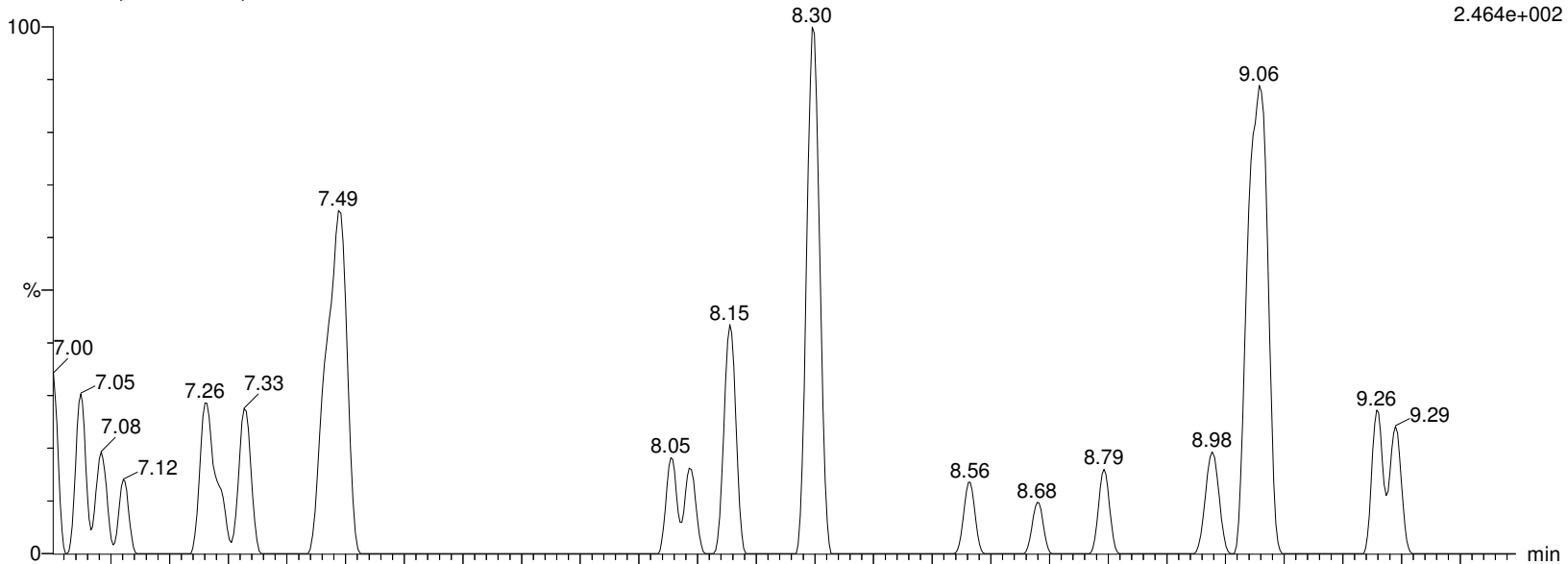
I3794 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-05

F18:MRM of 2 channels,ES-

398.926 > 80.295

2.464e+002



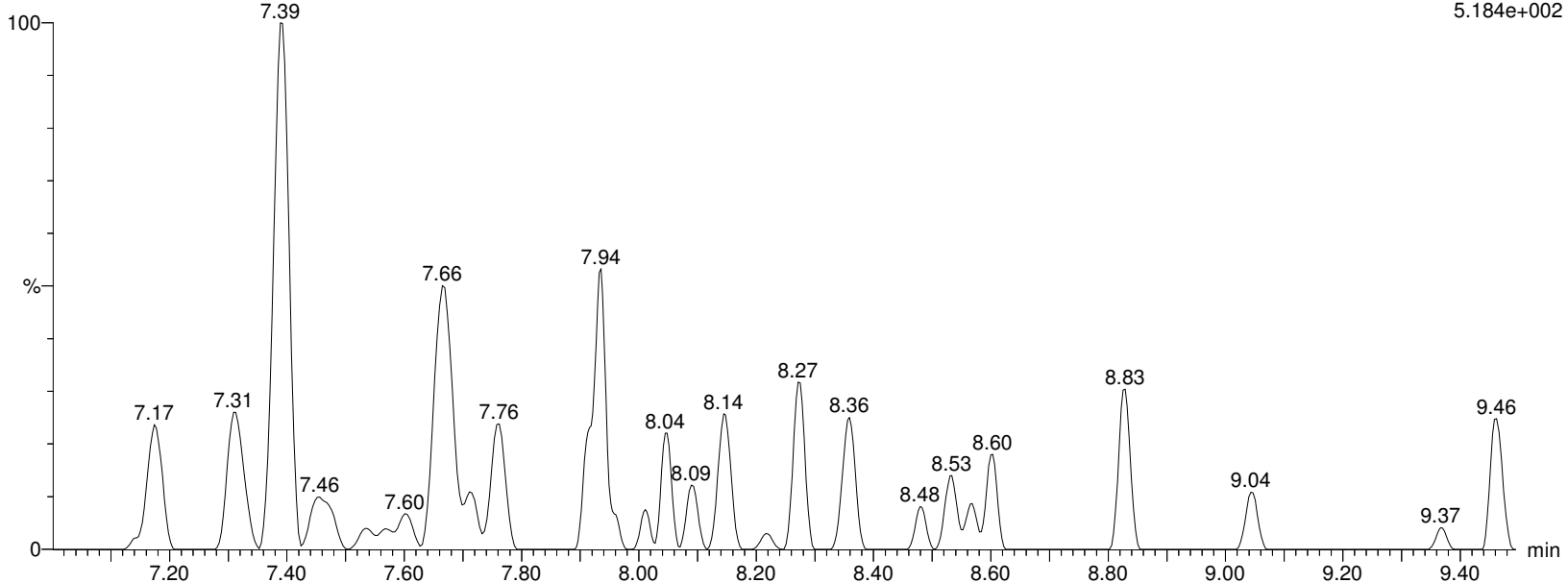
I3794 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-05

F18:MRM of 2 channels,ES-

398.926 > 99.2

5.184e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFHxS

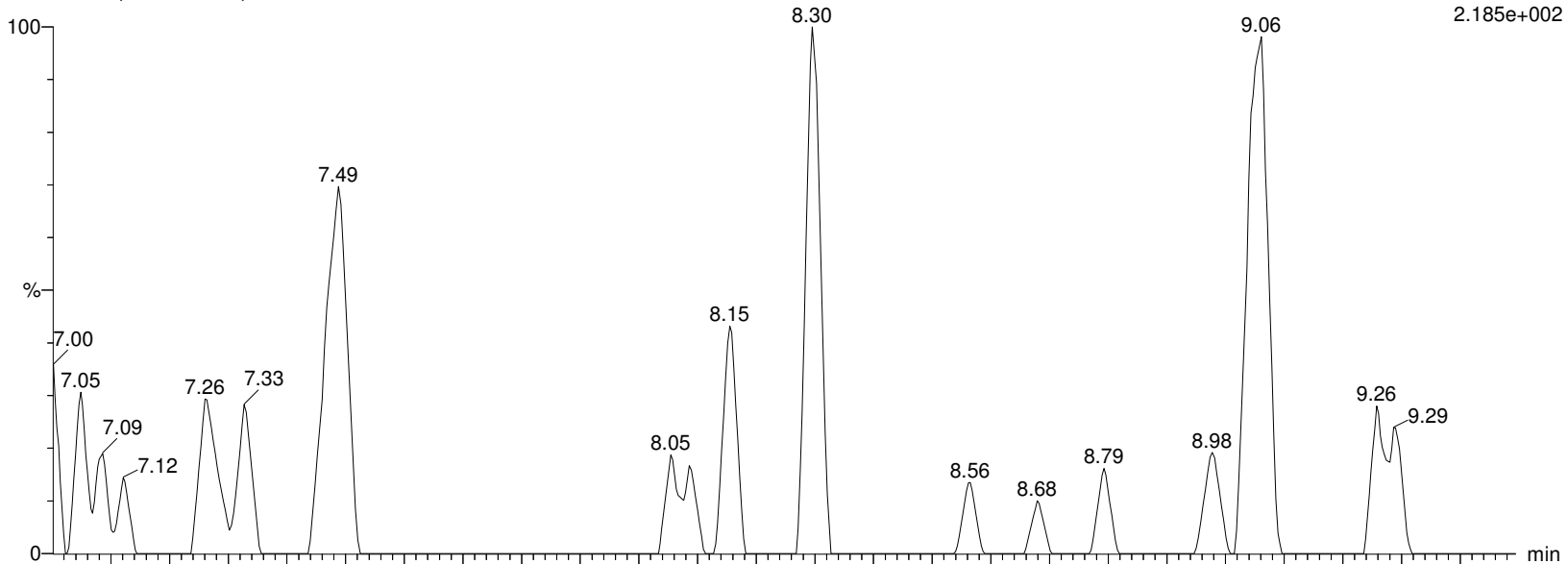
I3794 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-05

F18:MRM of 2 channels,ES-

398.926 > 80.295

2.185e+002



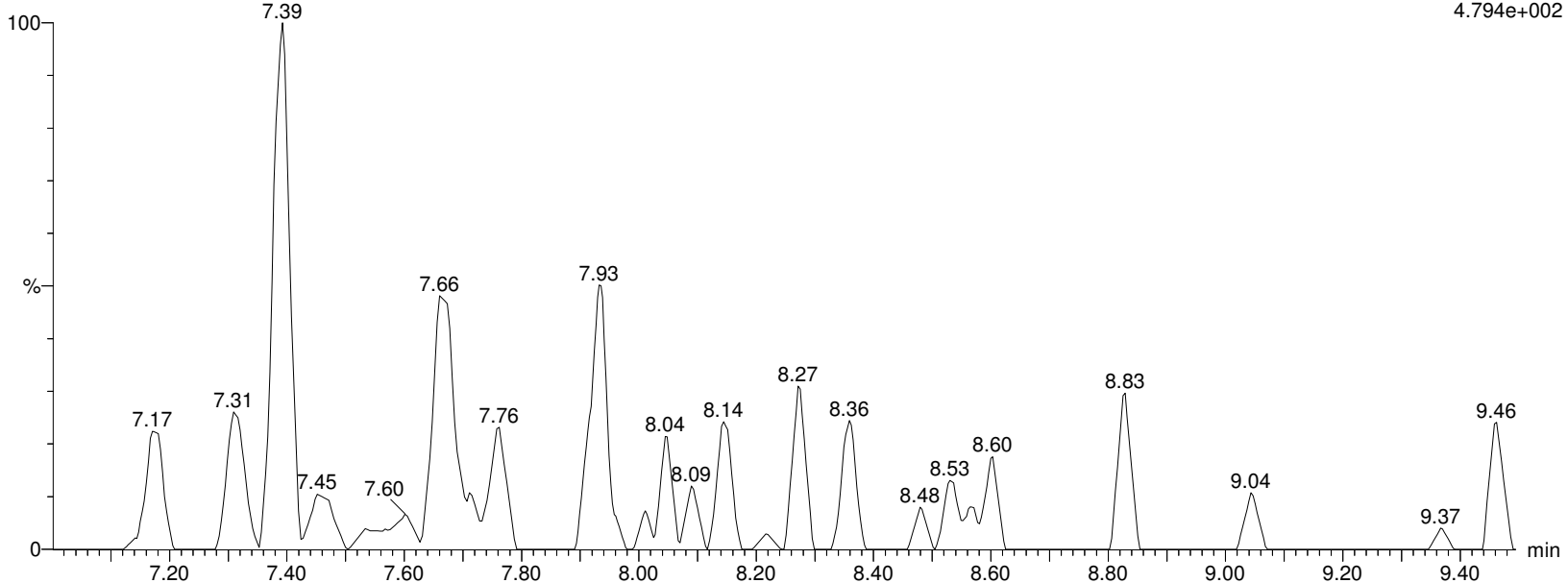
I3794 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-05

F18:MRM of 2 channels,ES-

398.926 > 99.2

4.794e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxS

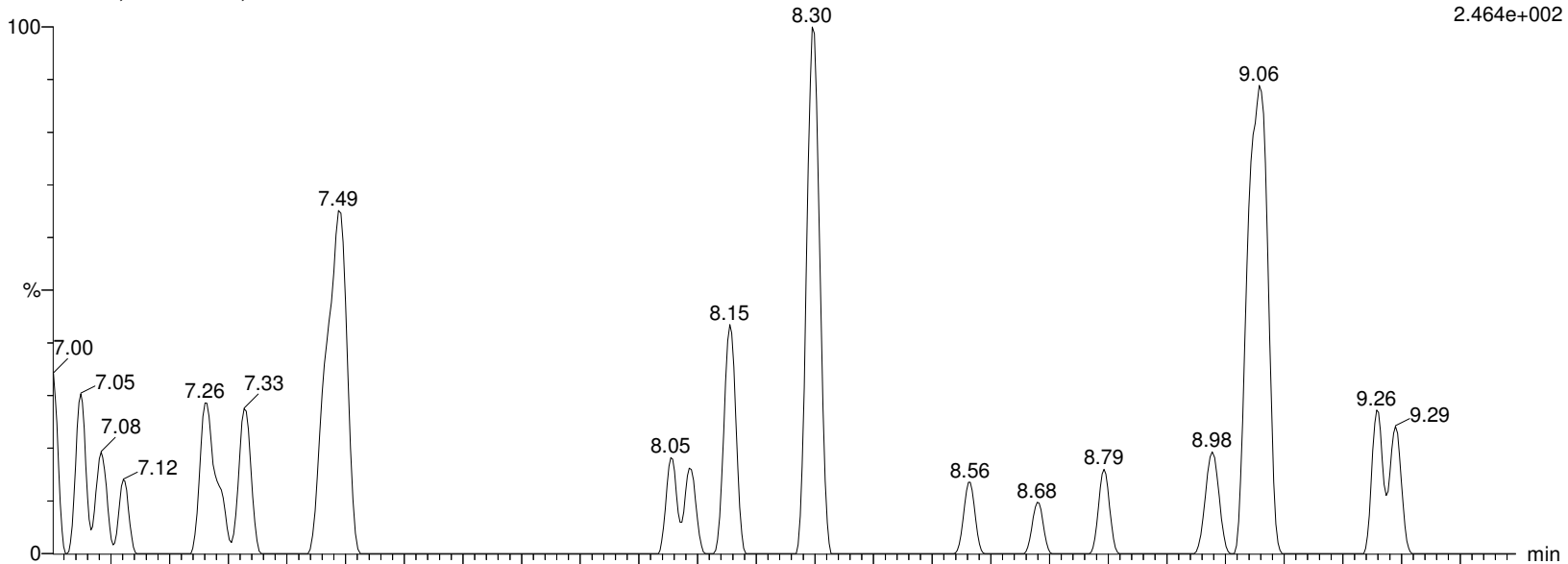
I3794 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-05

F18:MRM of 2 channels,ES-

398.926 > 80.295

2.464e+002



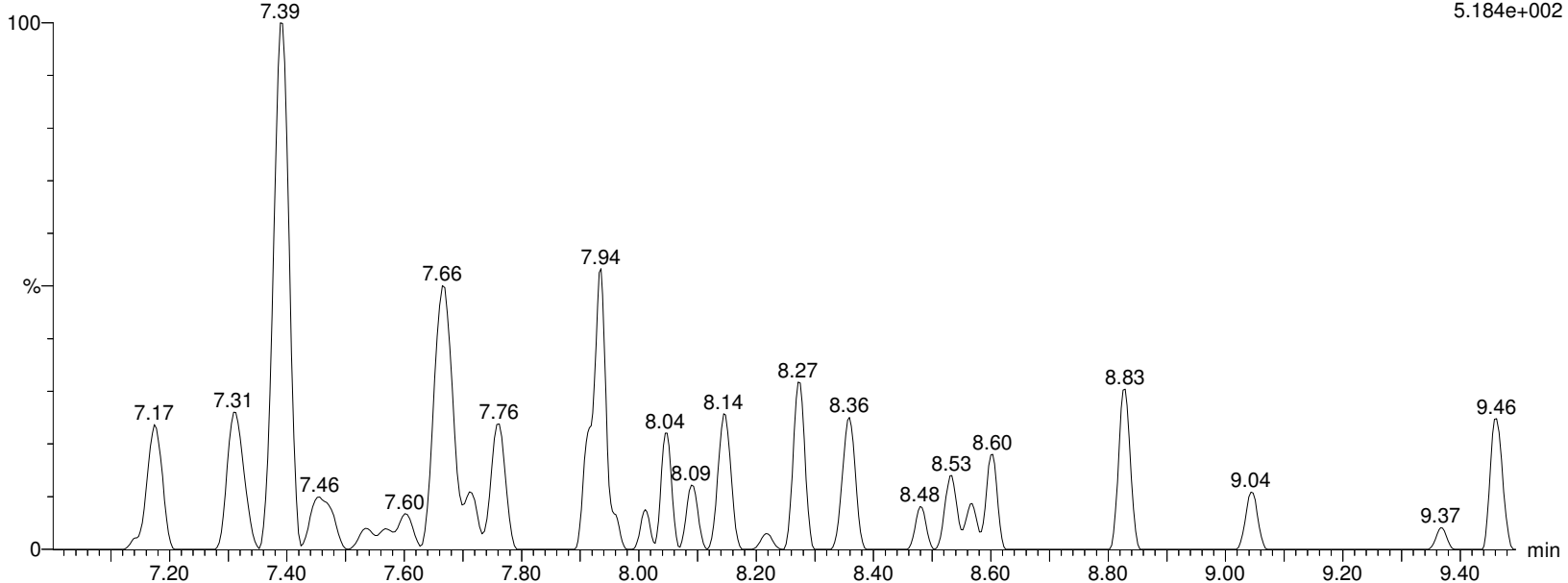
I3794 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-05

F18:MRM of 2 channels,ES-

398.926 > 99.2

5.184e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFHxS

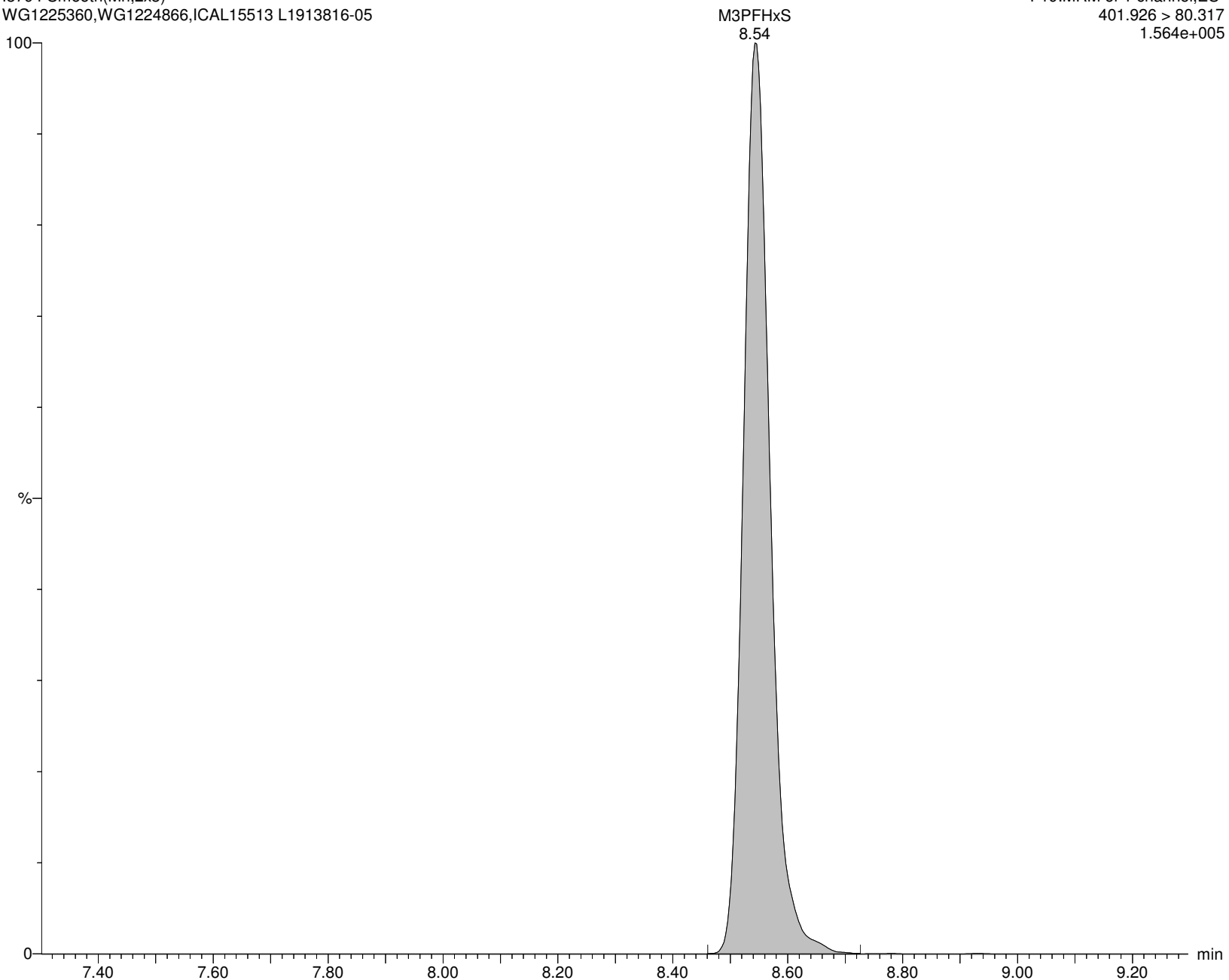
I3794 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-05

F19:MRM of 1 channel,ES-

401.926 > 80.317

1.564e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOA

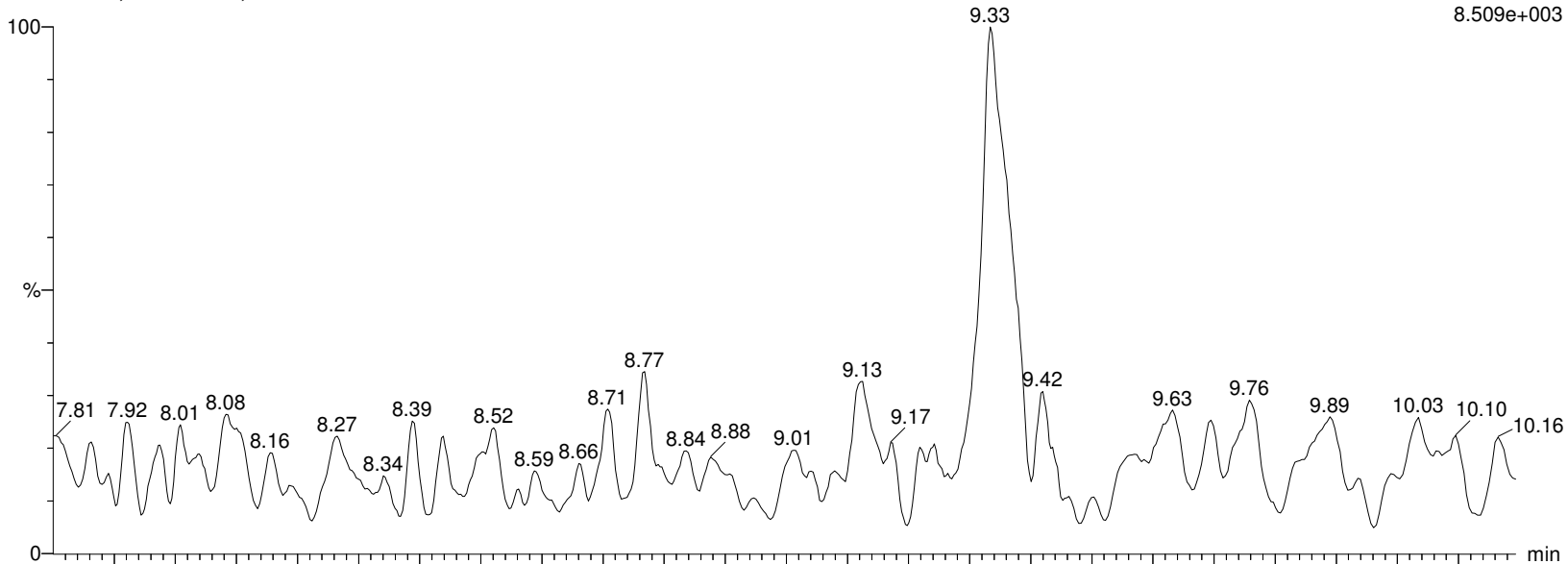
I3794 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-05

F20:MRM of 2 channels,ES-

412.989 > 368.9

8.509e+003



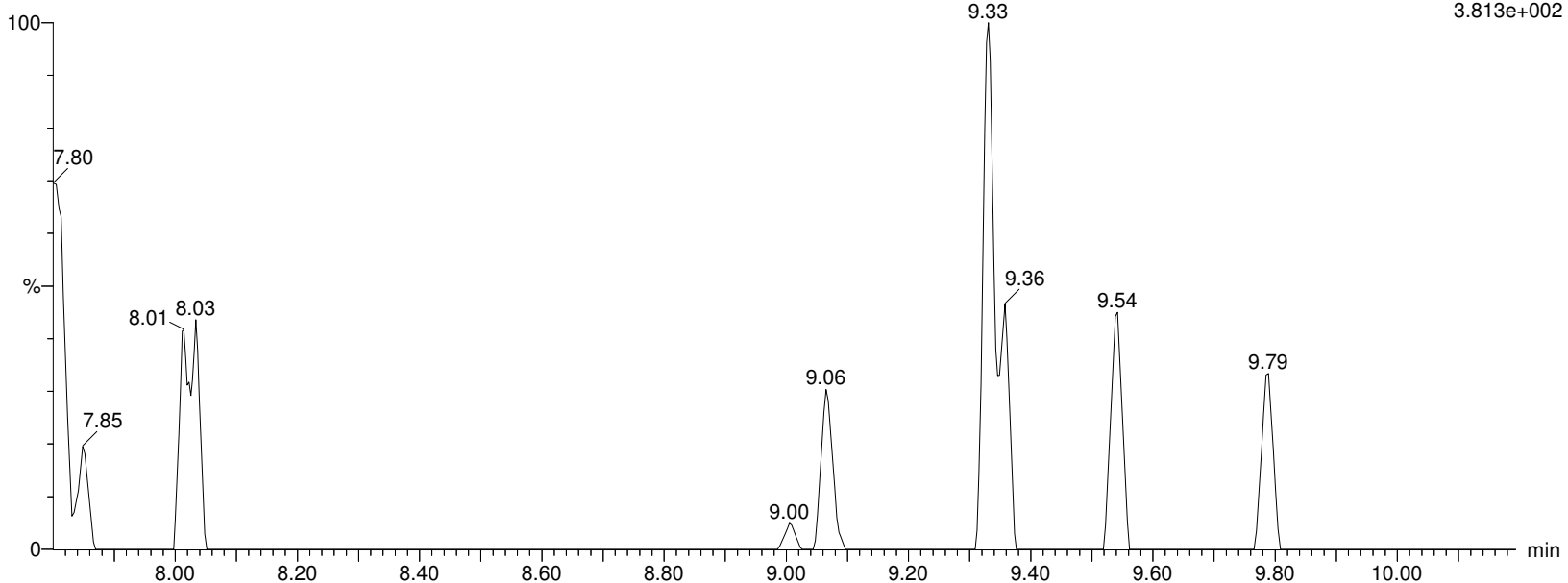
I3794 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-05

F20:MRM of 2 channels,ES-

412.989 > 219.08

3.813e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOA

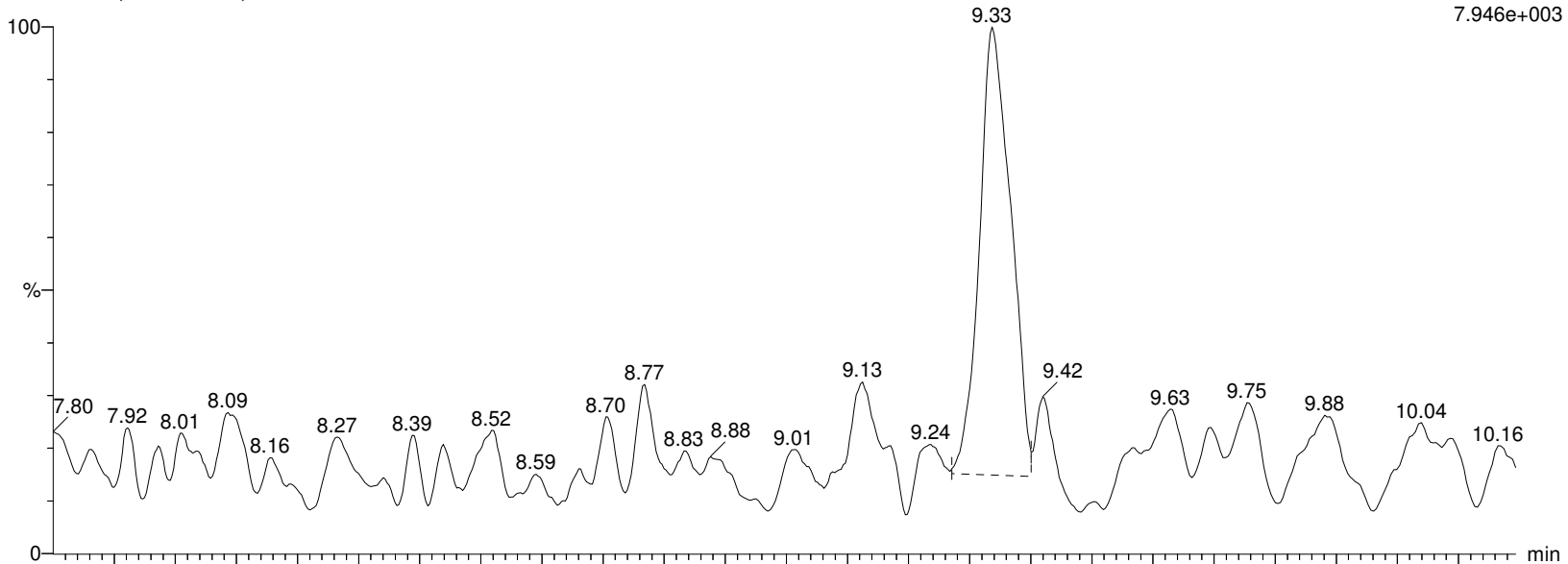
I3794 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-05

F20:MRM of 2 channels,ES-

412.989 > 368.9

7.946e+003



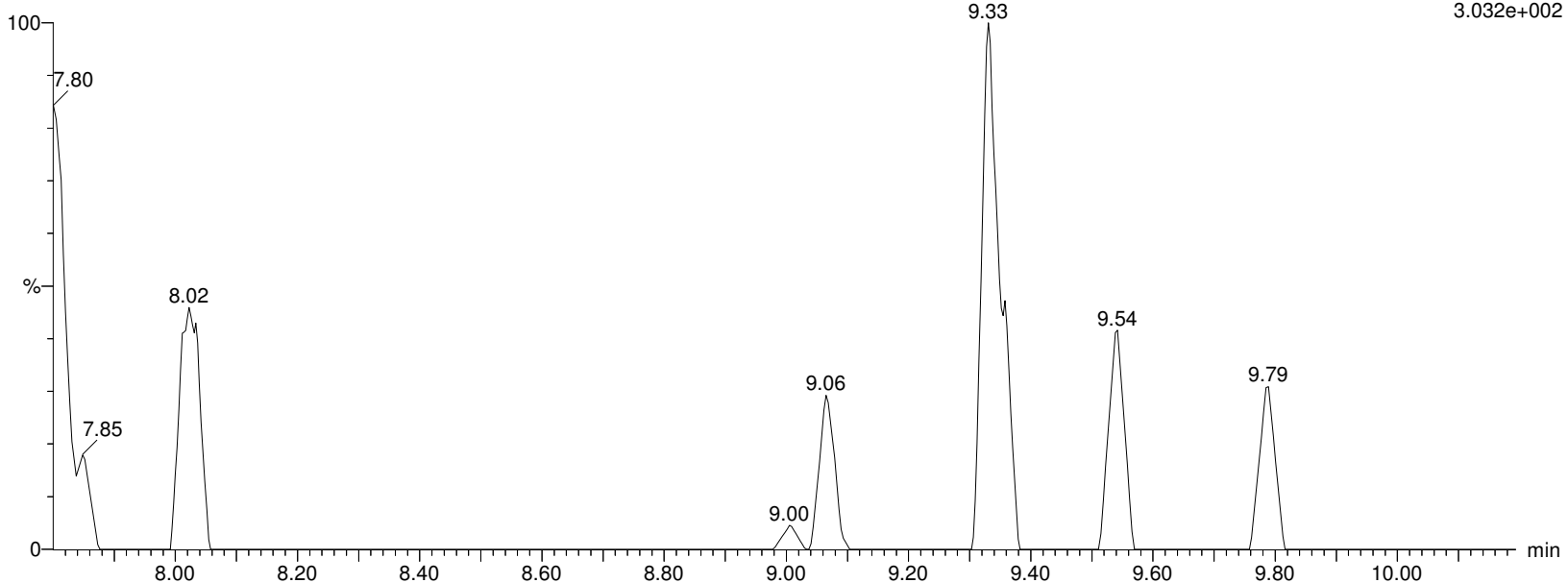
I3794 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-05

F20:MRM of 2 channels,ES-

412.989 > 219.08

3.032e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFOA

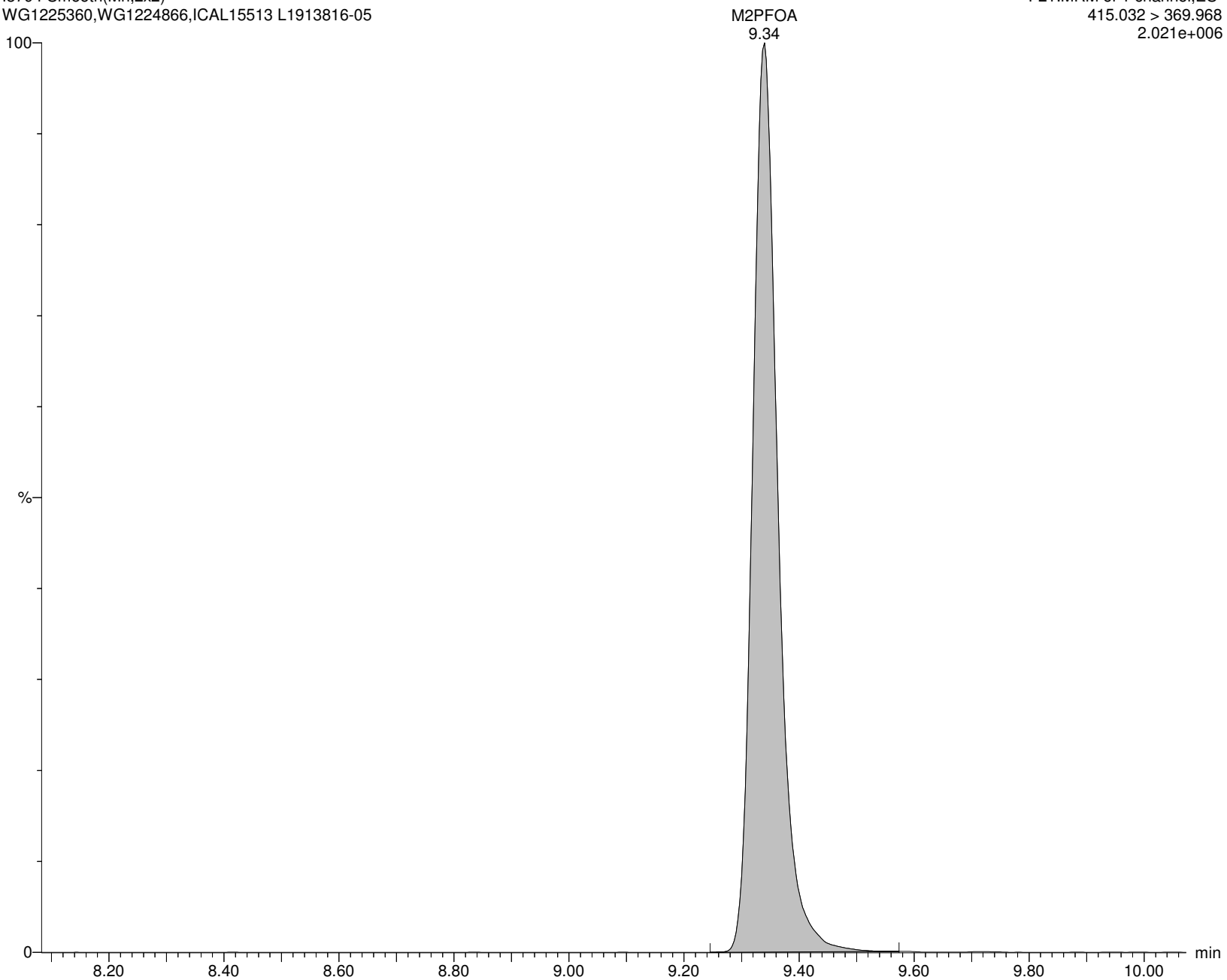
I3794 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-05

F21:MRM of 1 channel,ES-

415.032 > 369.968

2.021e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOA

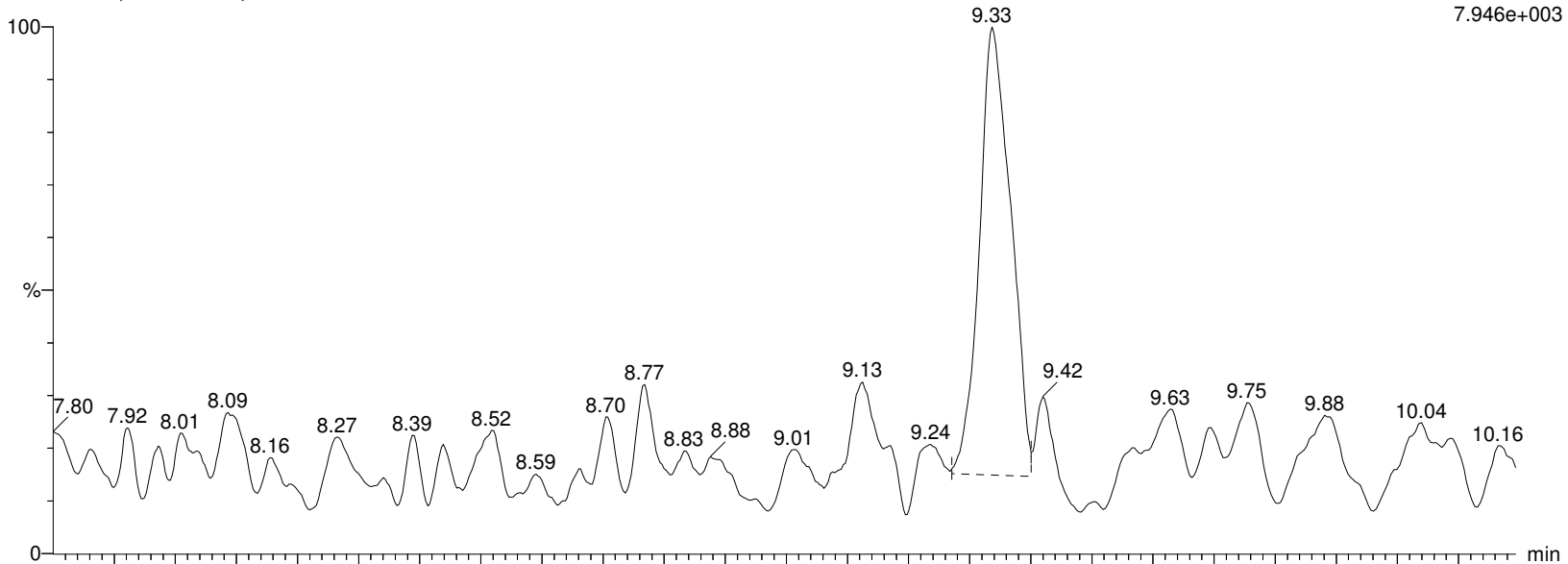
I3794 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-05

F20:MRM of 2 channels,ES-

412.989 > 368.9

7.946e+003



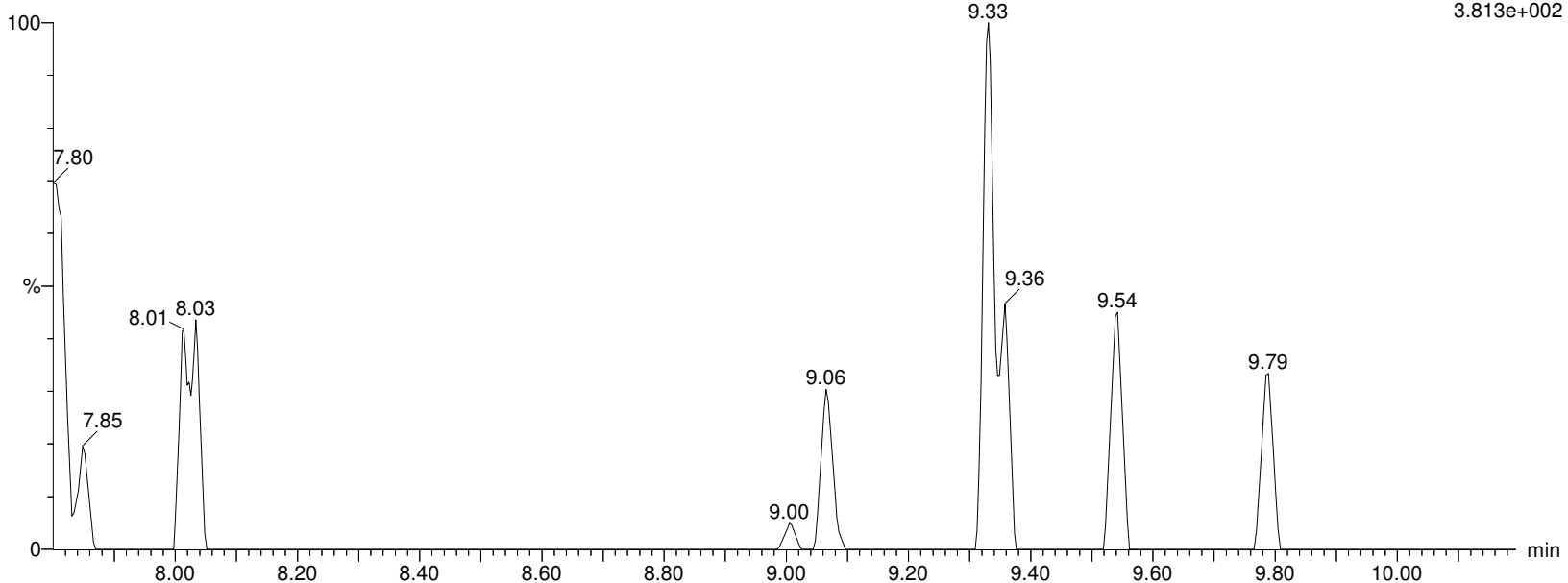
I3794 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-05

F20:MRM of 2 channels,ES-

412.989 > 219.08

3.813e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOA

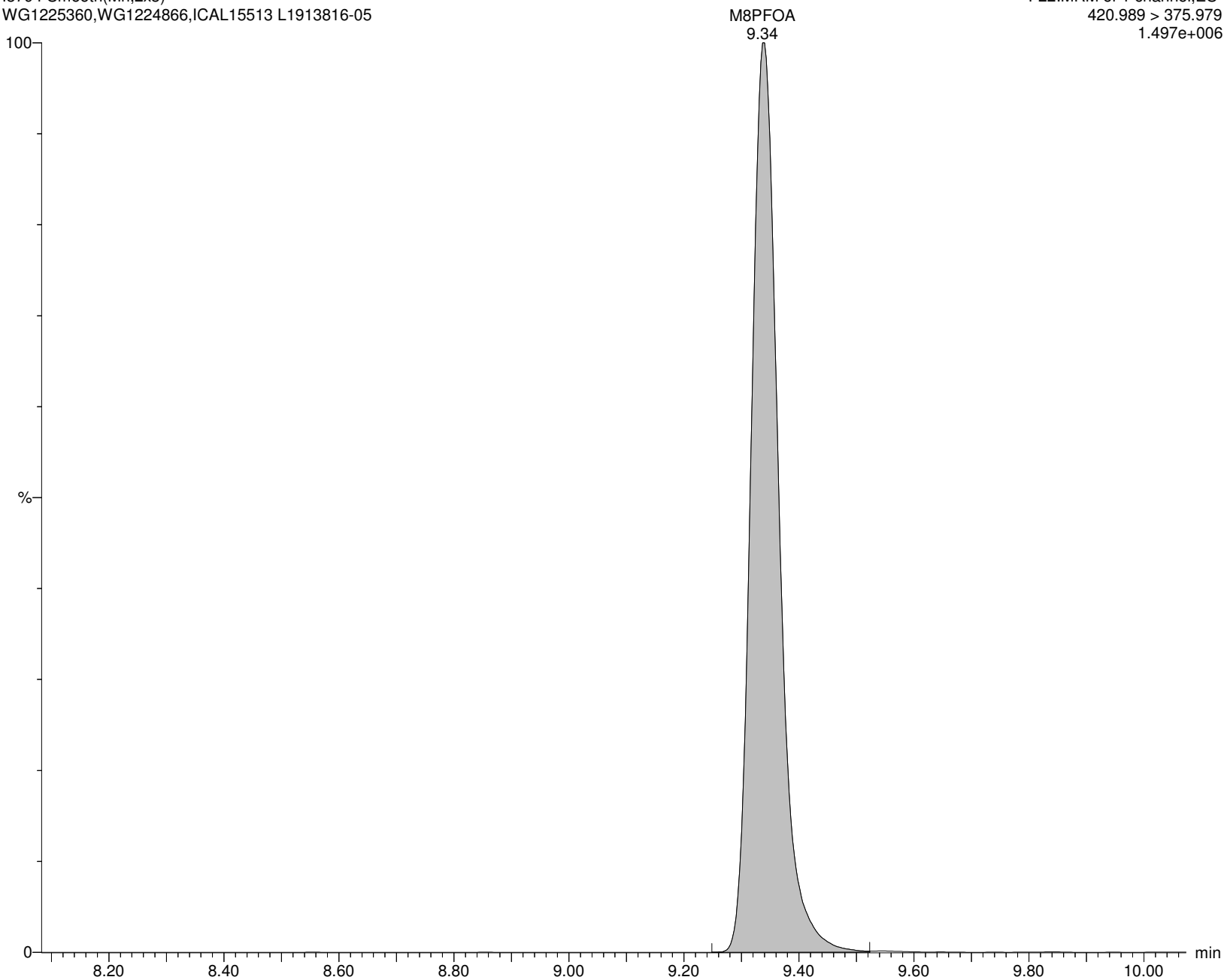
I3794 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-05

F22:MRM of 1 channel,ES-

420.989 > 375.979

1.497e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

6:2FTS

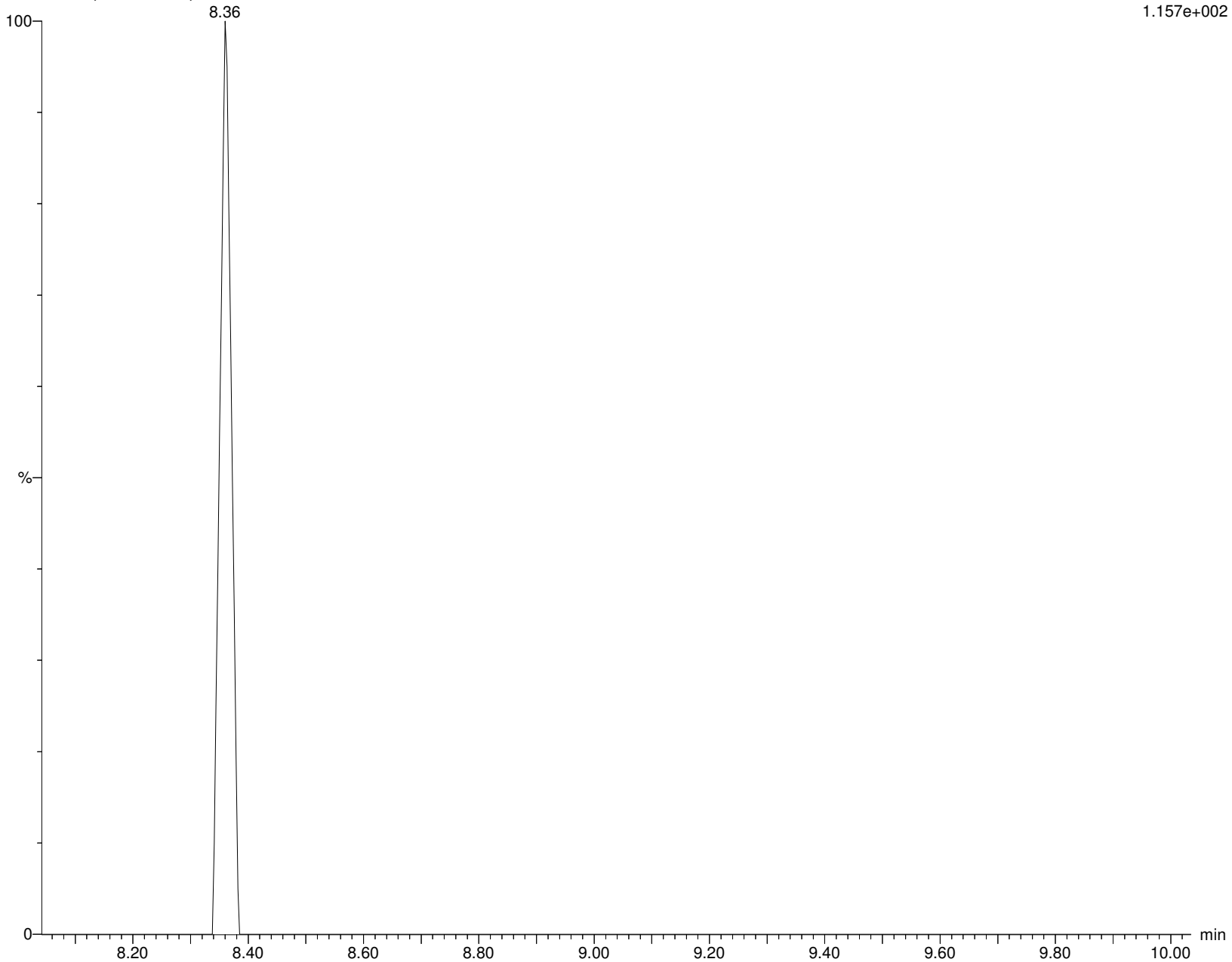
I3794 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 L1913816-05

F23:MRM of 2 channels, ES-

426.989 > 406.921

1.157e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-6:2FTS

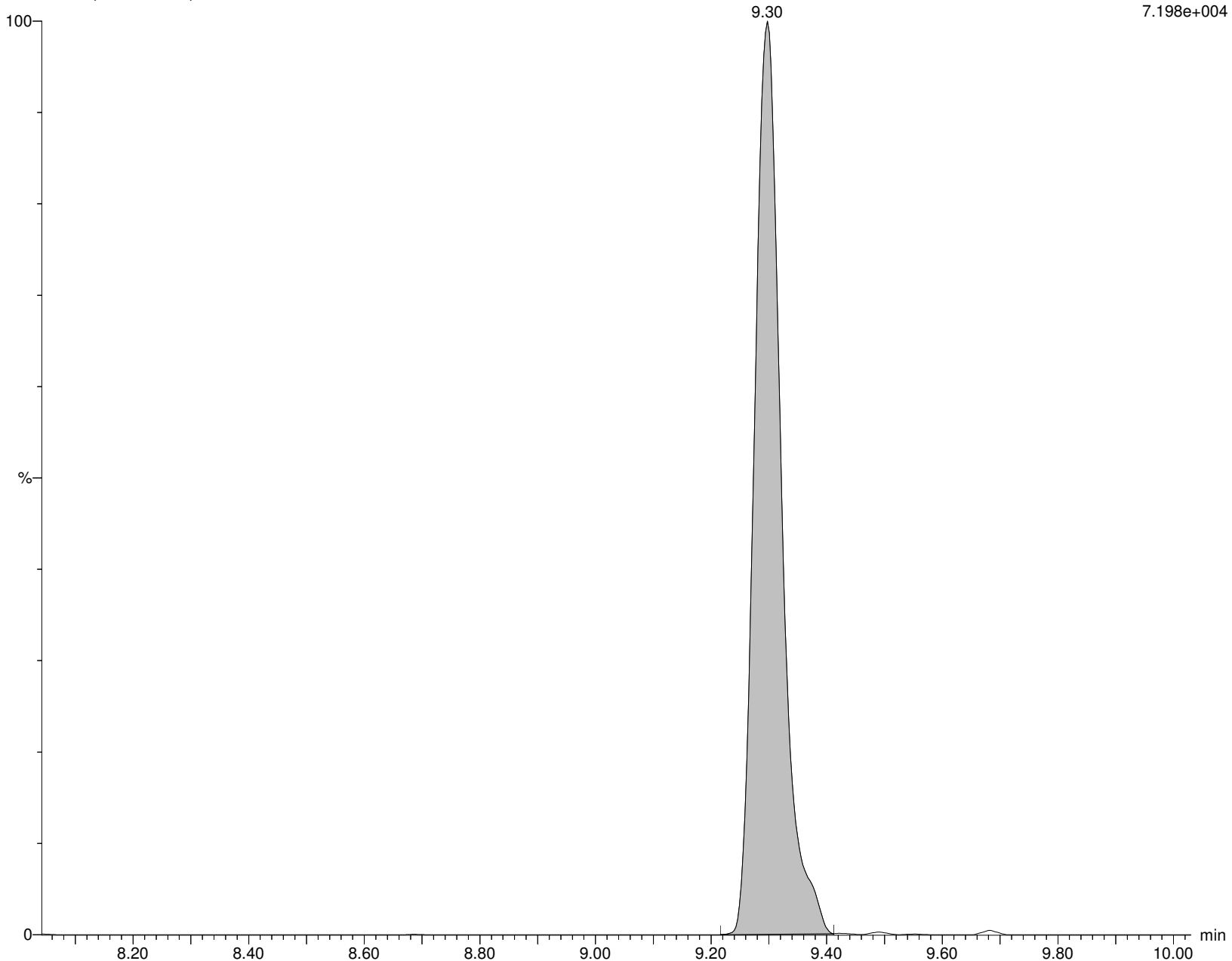
I3794 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-05

F24:MRM of 1 channel,ES-

428.989 > 408.917

7.198e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpS

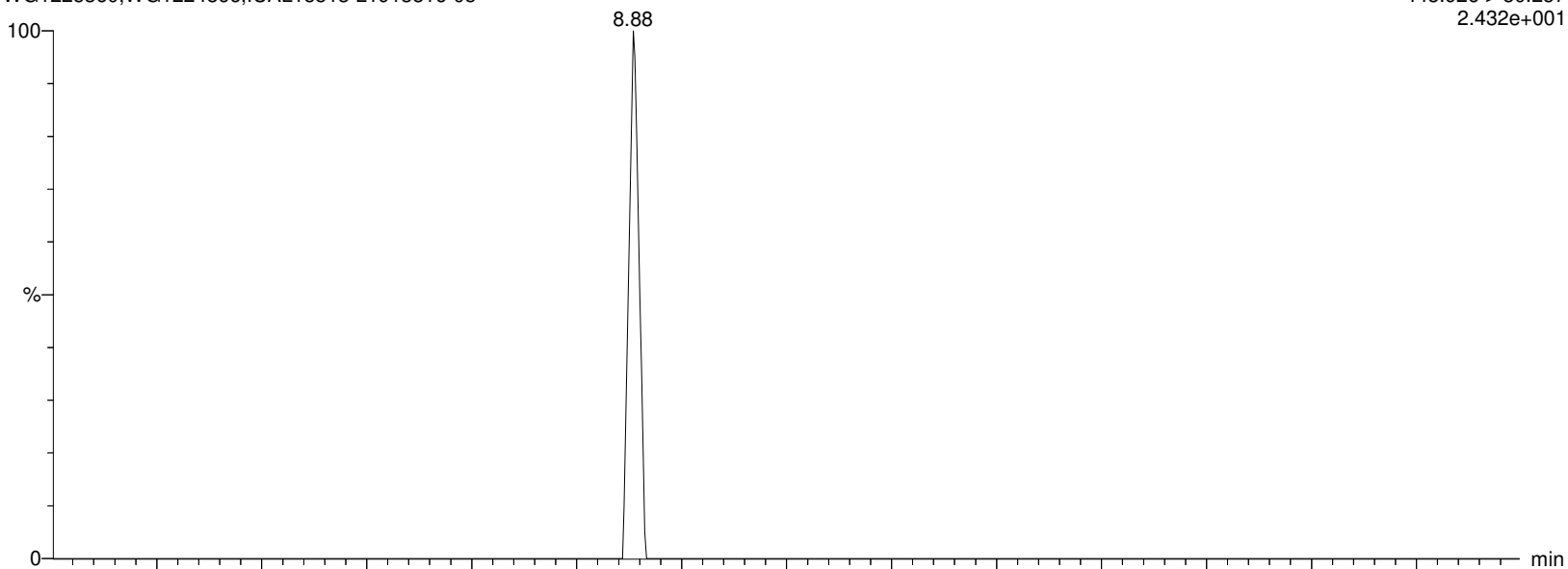
I3794 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-05

F25:MRM of 2 channels,ES-

448.926 > 80.257

2.432e+001



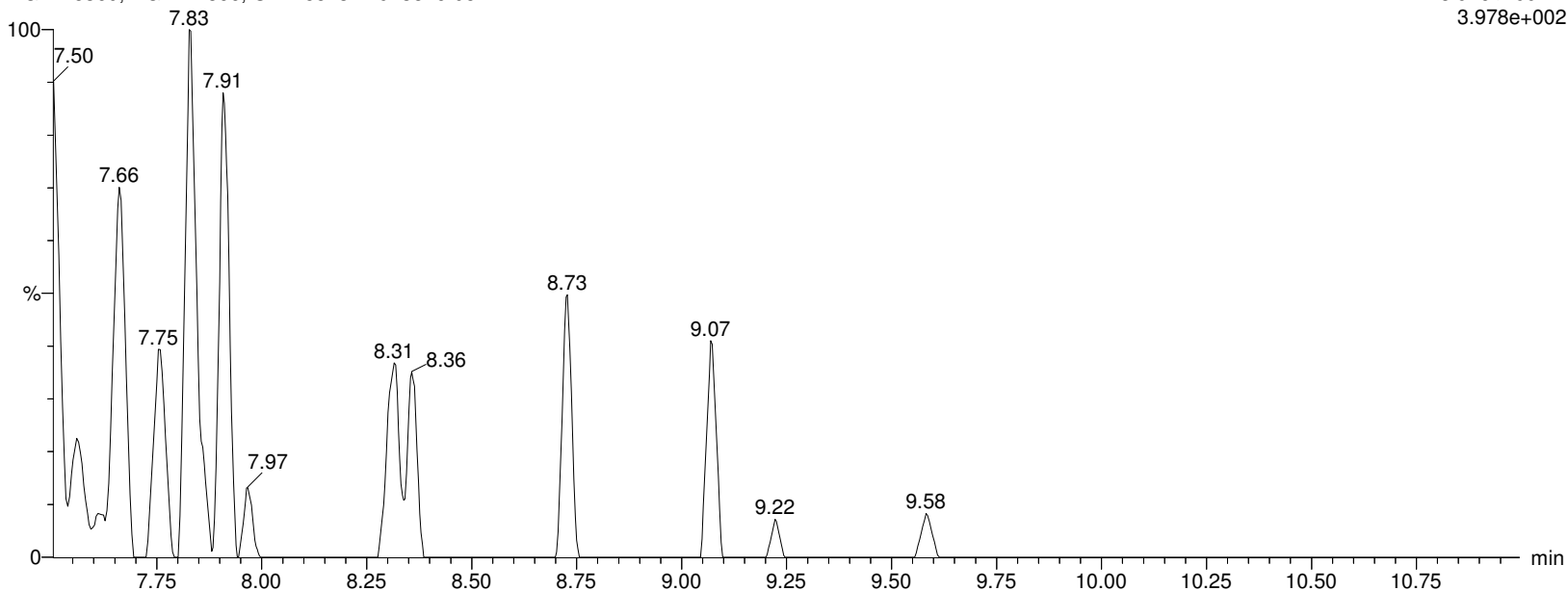
I3794 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-05

F25:MRM of 2 channels,ES-

448.926 > 99.22

3.978e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNA

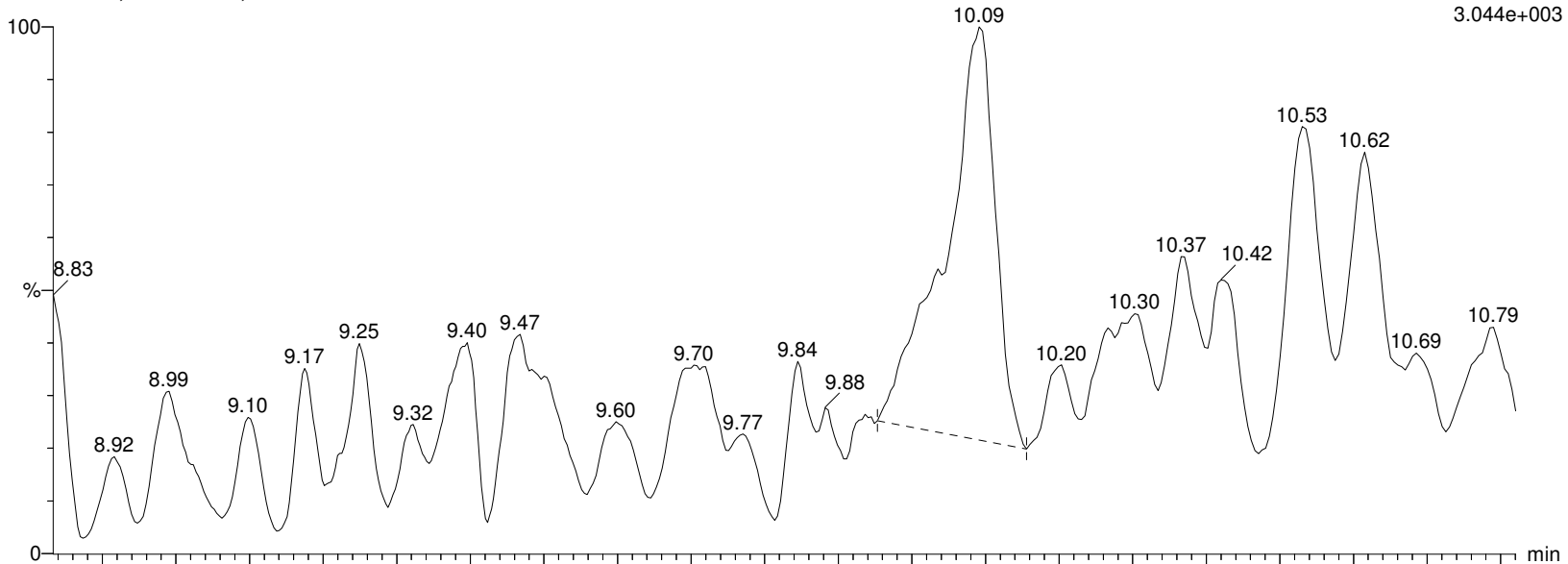
I3794 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 L1913816-05

F26:MRM of 2 channels, ES-

462.989 > 418.931

3.044e+003



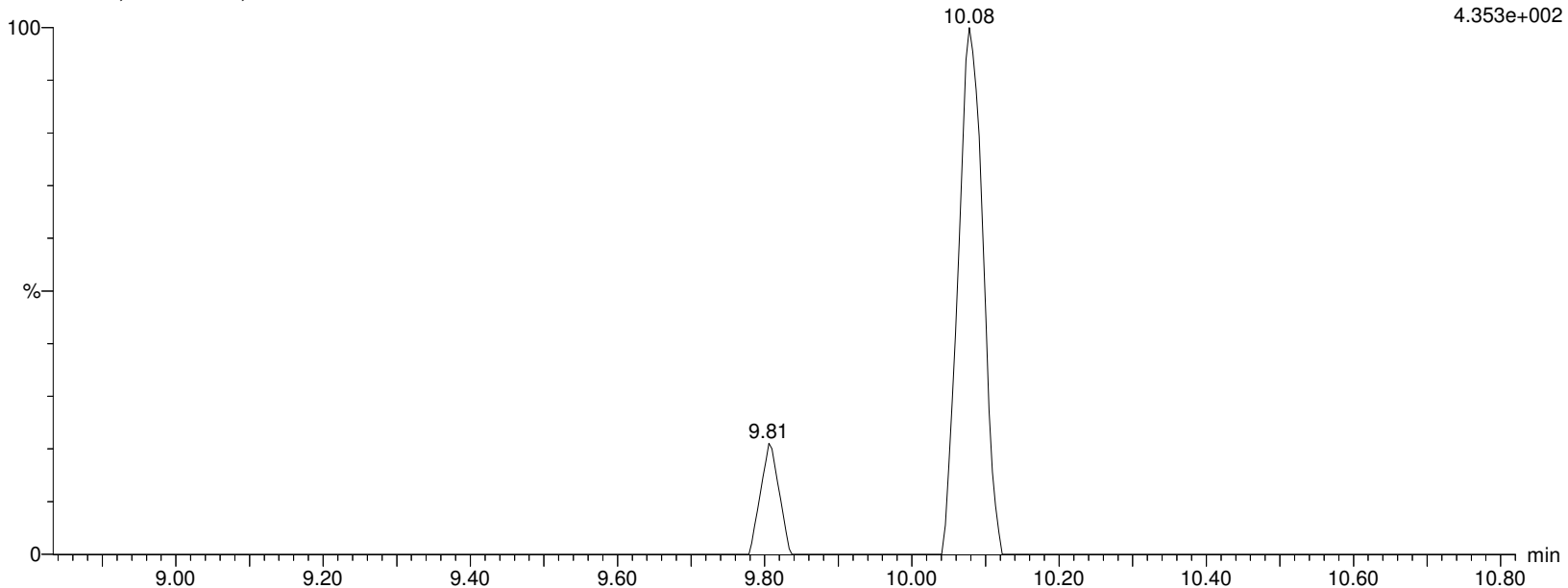
I3794 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 L1913816-05

F26:MRM of 2 channels, ES-

462.989 > 219.04

4.353e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794**ID: L1913816-05****Date: 11-Apr-2019****Time: 15:43:16****Description: WG1225360,WG1224866,ICAL15513****User: LCMS02:JW****Vial: 1:C,3****Instrument: XEVO-TQSmicro#QEB0050****Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B****Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR****MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP****M9PFNA**

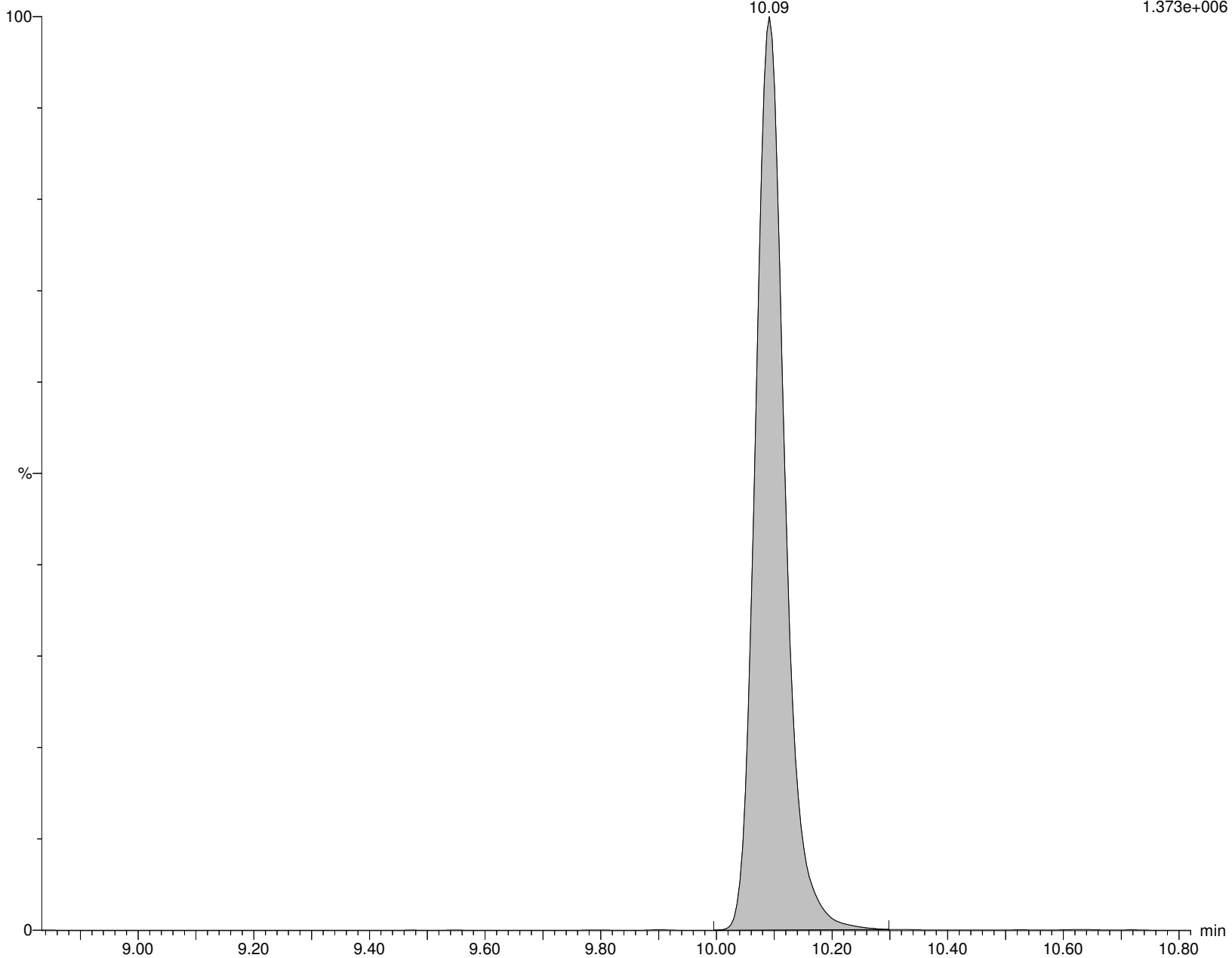
I3794 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-05

F27:MRM of 1 channel,ES-

472.053 > 426.947

1.373e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOS

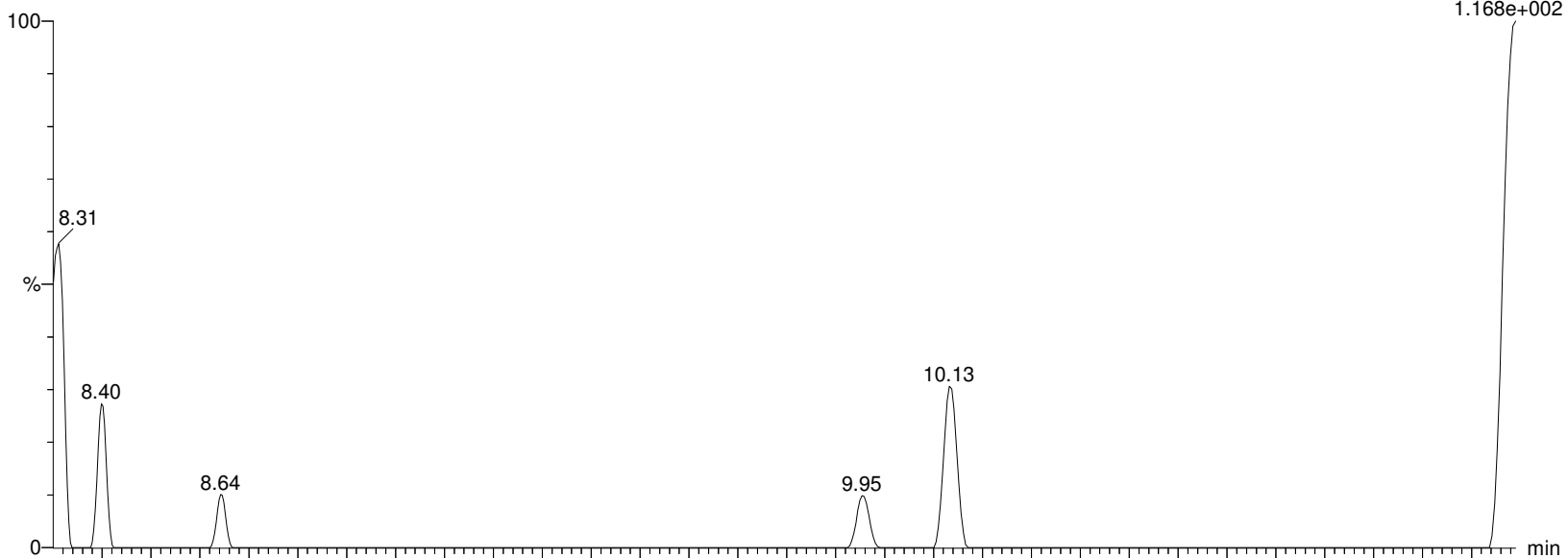
I3794 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-05

F29:MRM of 2 channels,ES-

498.989 > 80.294

1.168e+002



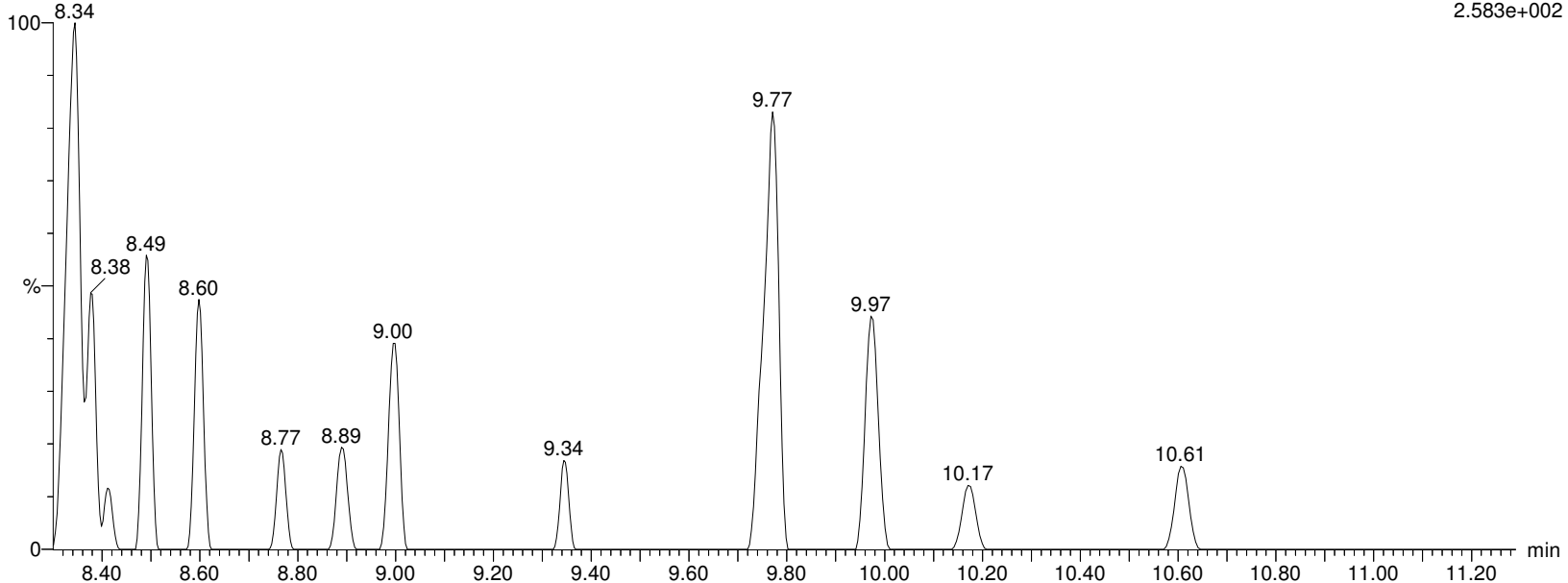
I3794 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-05

F29:MRM of 2 channels,ES-

498.989 > 99.27

2.583e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOS

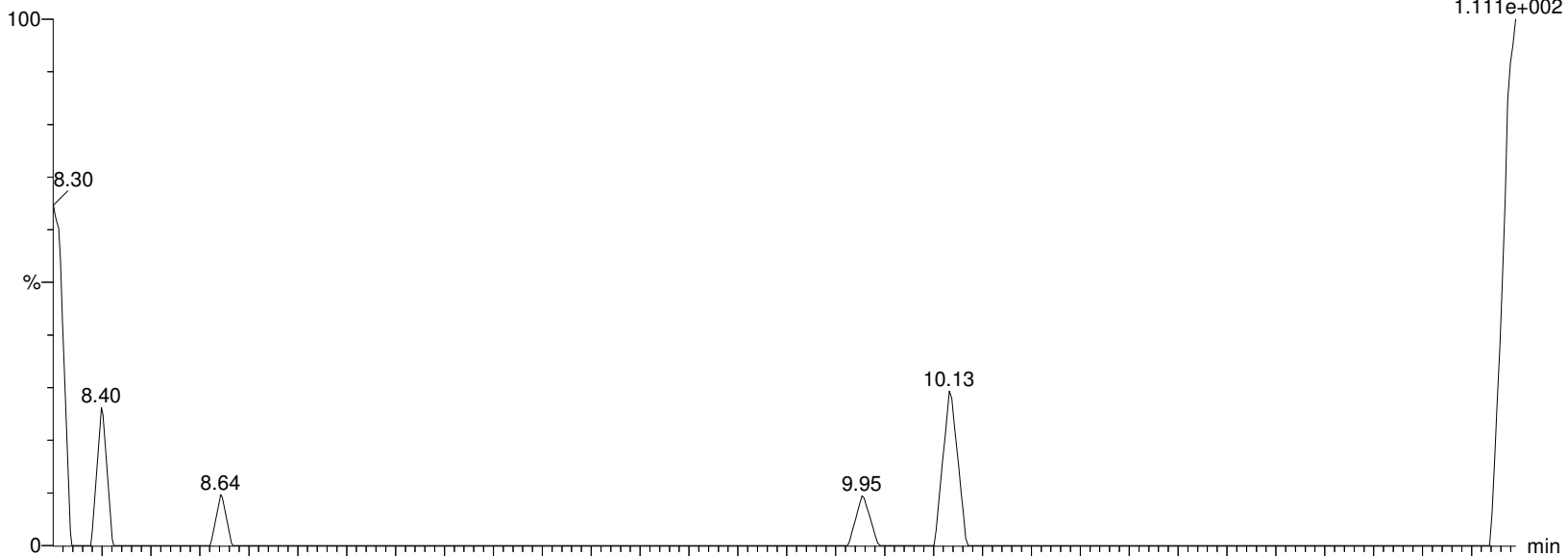
I3794 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-05

F29:MRM of 2 channels,ES-

498.989 > 80.294

1.111e+002



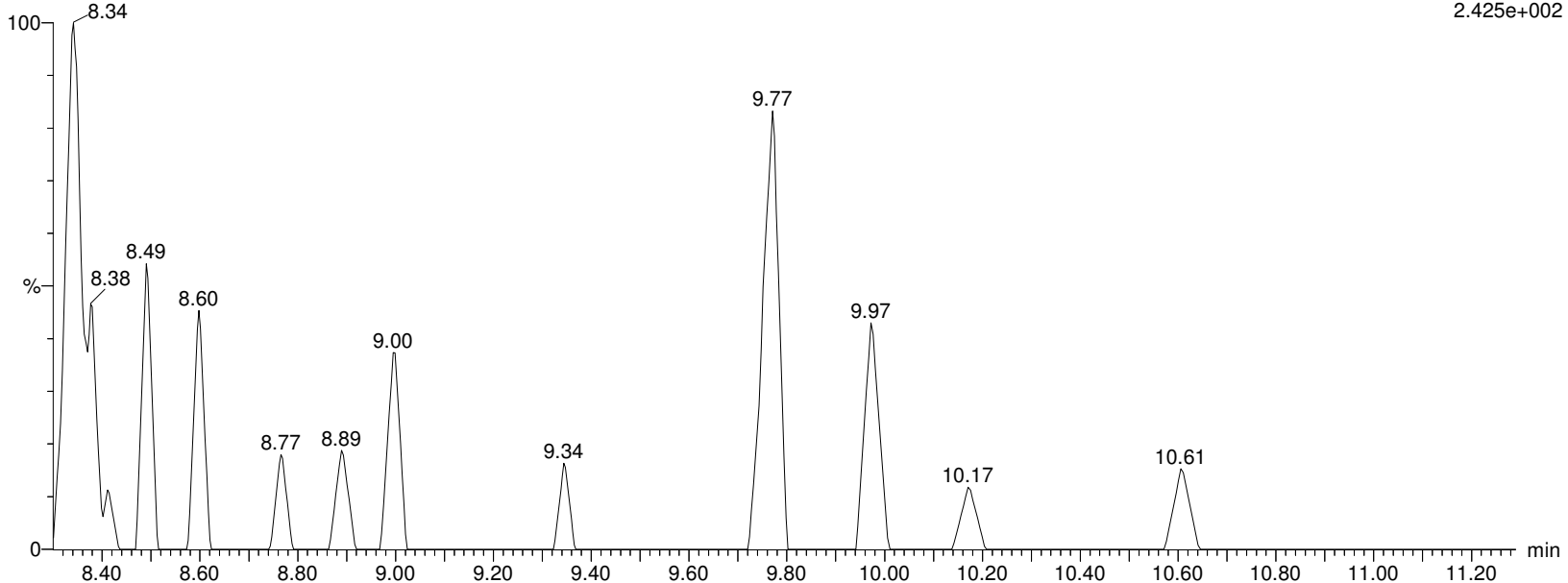
I3794 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-05

F29:MRM of 2 channels,ES-

498.989 > 99.27

2.425e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOS

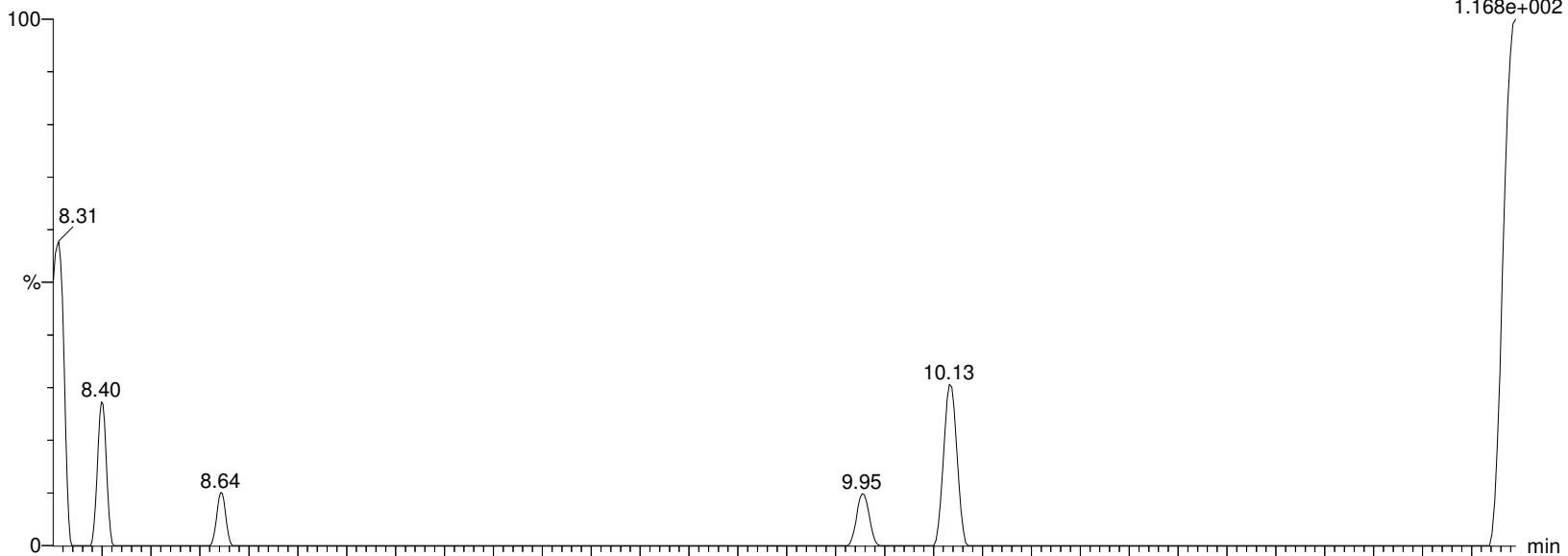
I3794 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-05

F29:MRM of 2 channels,ES-

498.989 > 80.294

1.168e+002



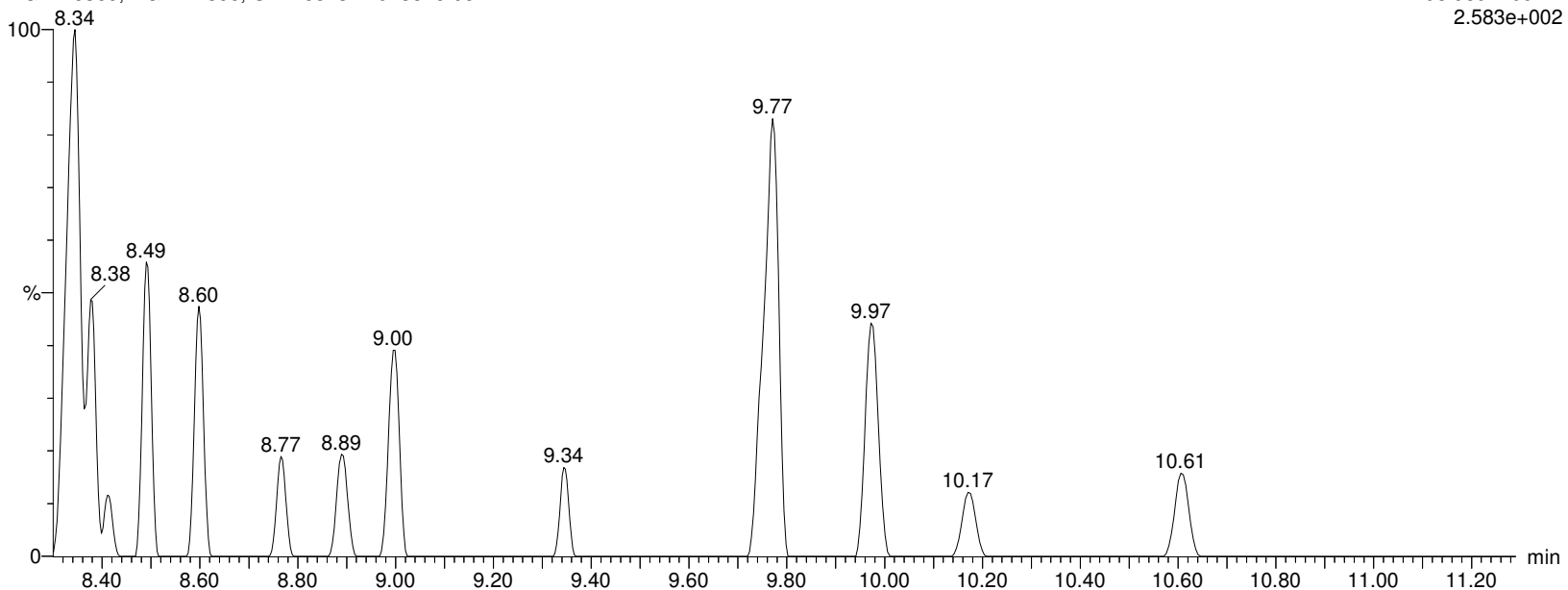
I3794 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-05

F29:MRM of 2 channels,ES-

498.989 > 99.27

2.583e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFOS

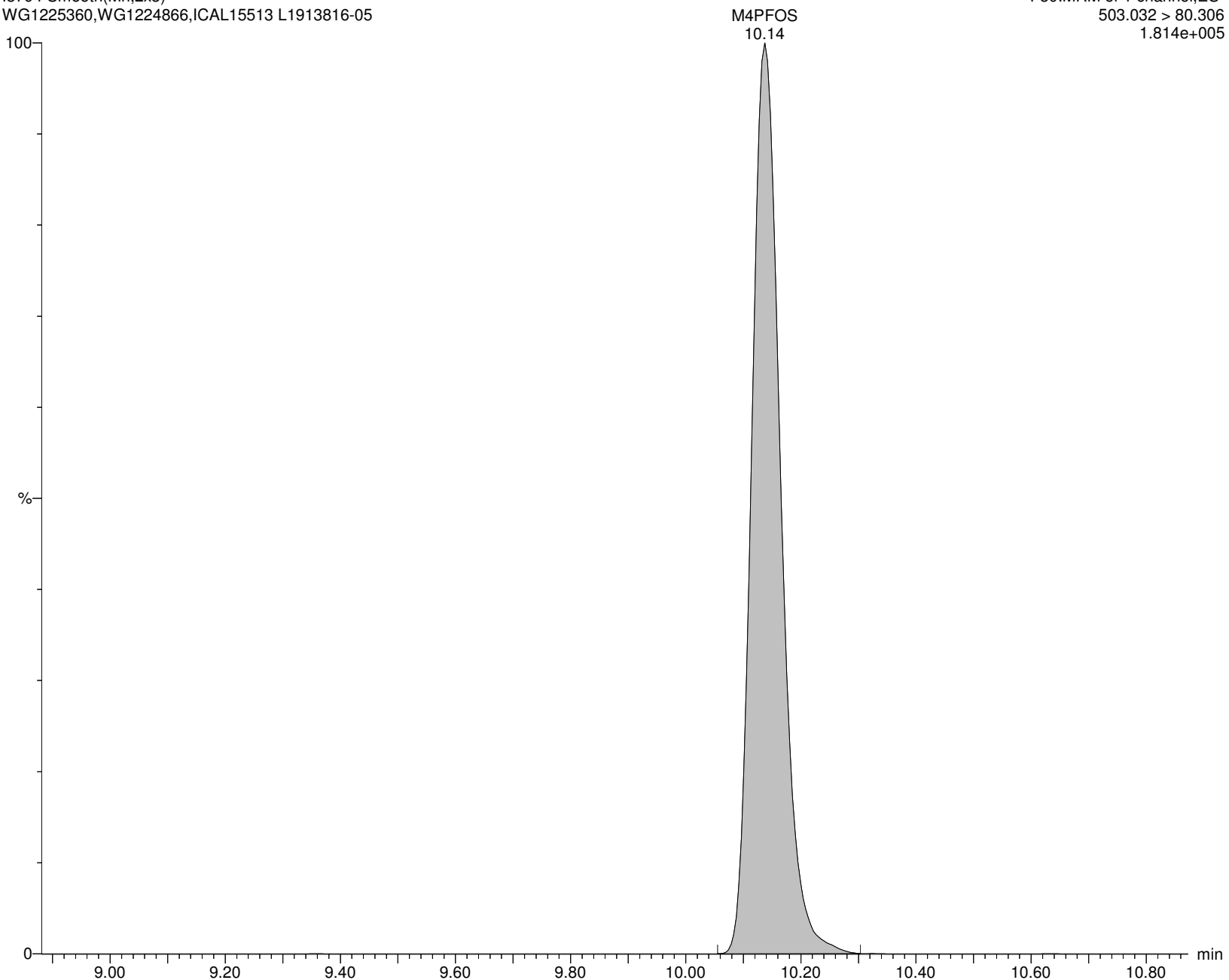
I3794 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-05

F30:MRM of 1 channel,ES-

503.032 > 80.306

1.814e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOS

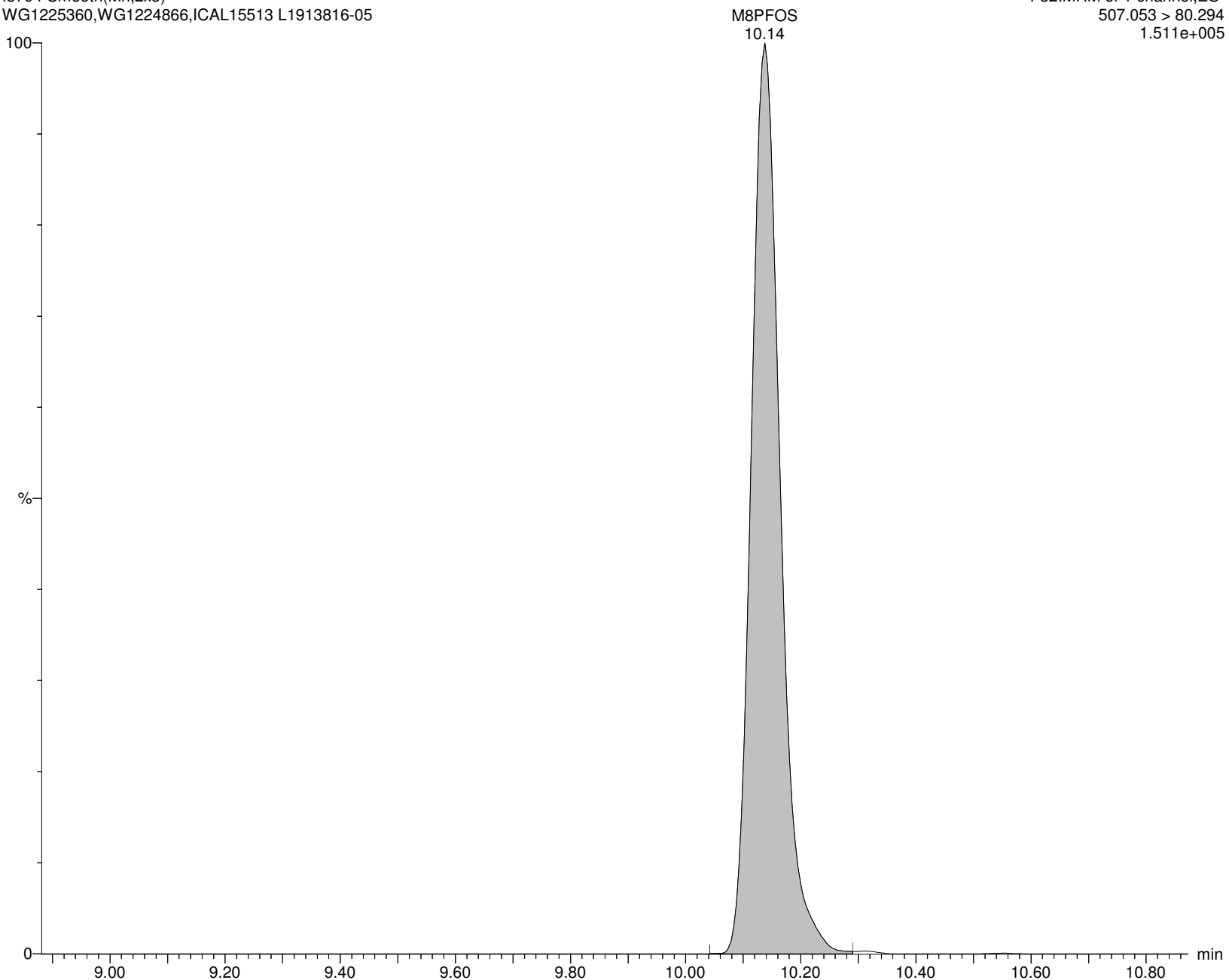
I3794 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-05

F32:MRM of 1 channel,ES-

507.053 > 80.294

1.511e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDA

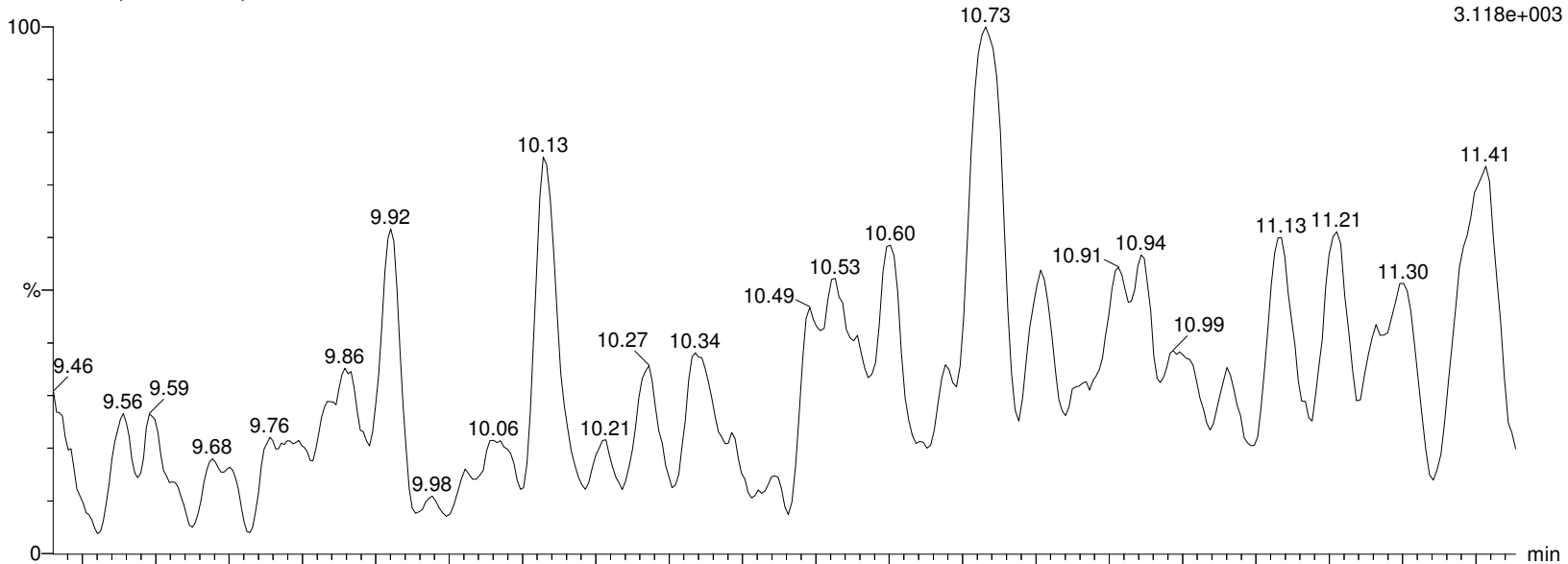
I3794 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 L1913816-05

F33:MRM of 2 channels, ES-

513.053 > 468.906

3.118e+003



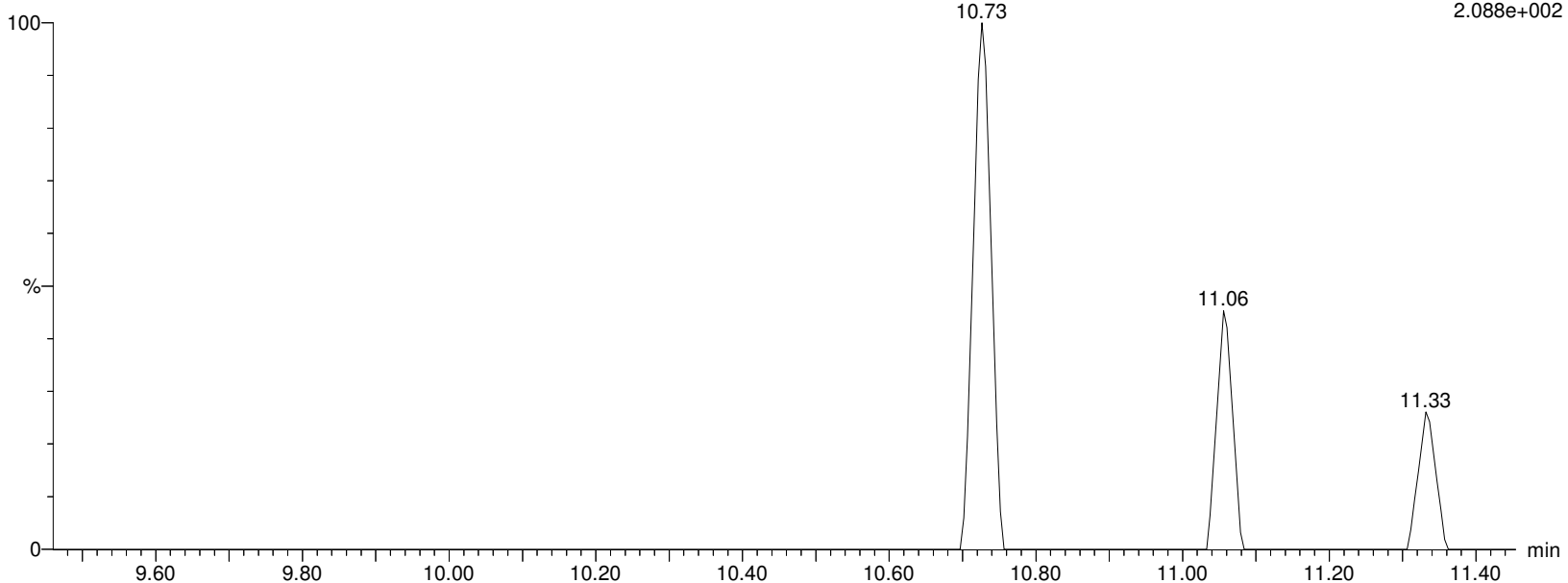
I3794 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 L1913816-05

F33:MRM of 2 channels, ES-

513.053 > 219.08

2.088e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFDA

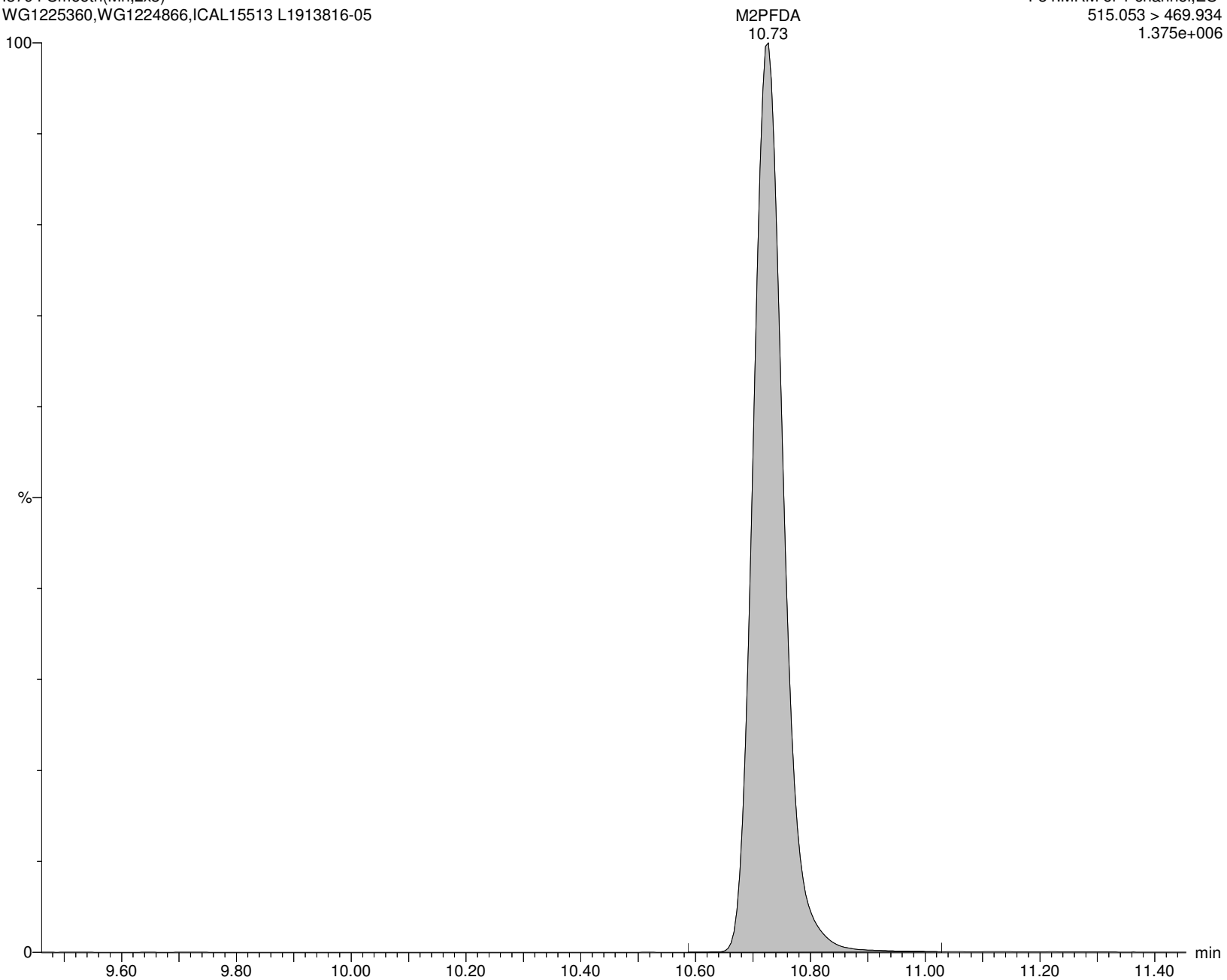
I3794 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-05

F34:MRM of 1 channel,ES-

515.053 > 469.934

1.375e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M6PFDA

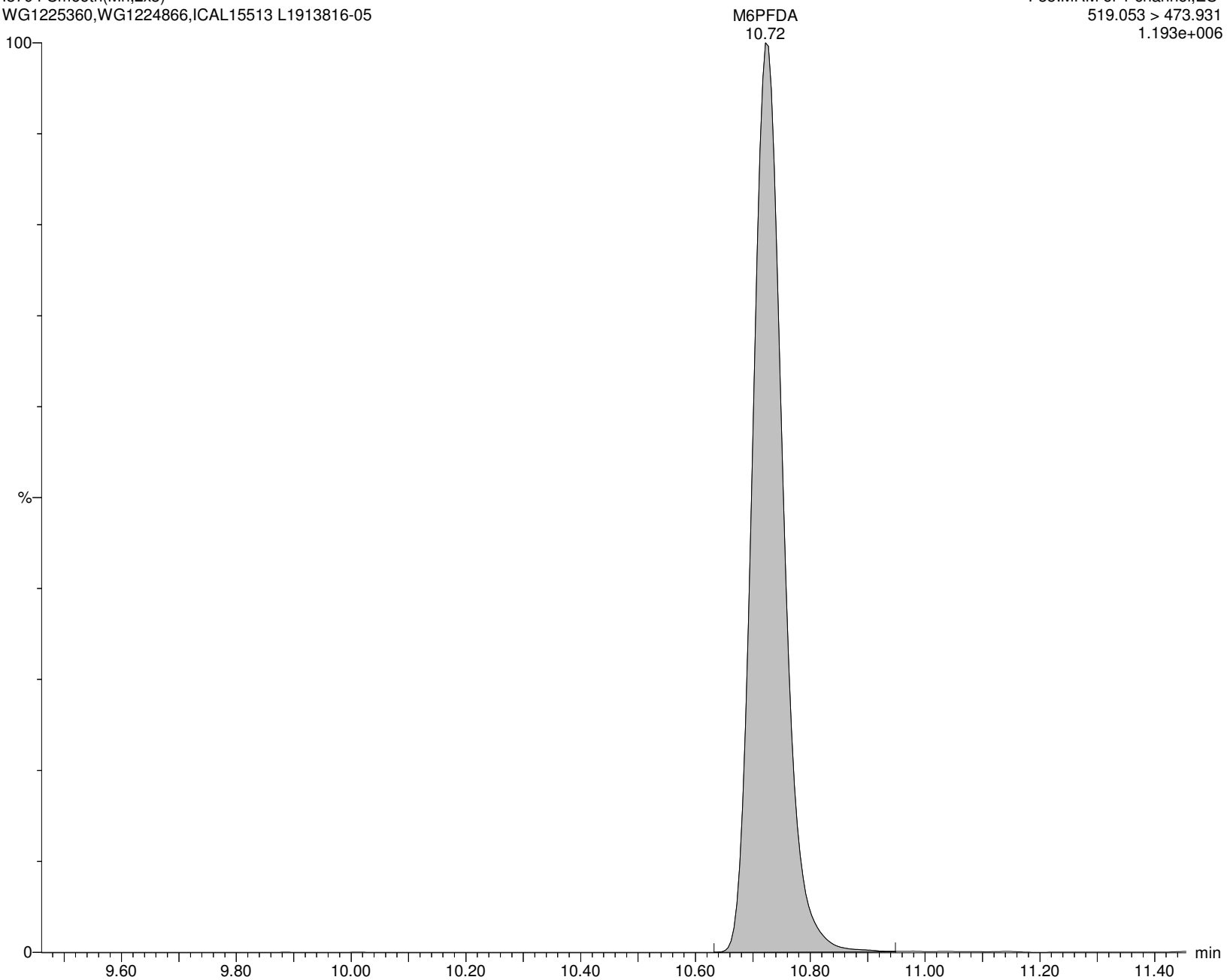
I3794 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-05

F35:MRM of 1 channel,ES-

519.053 > 473.931

1.193e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

8:2FTS

I3794 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-05

F36:MRM of 2 channels,ES-

526.989 > 506.946

1.000e-003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-8:2FTS

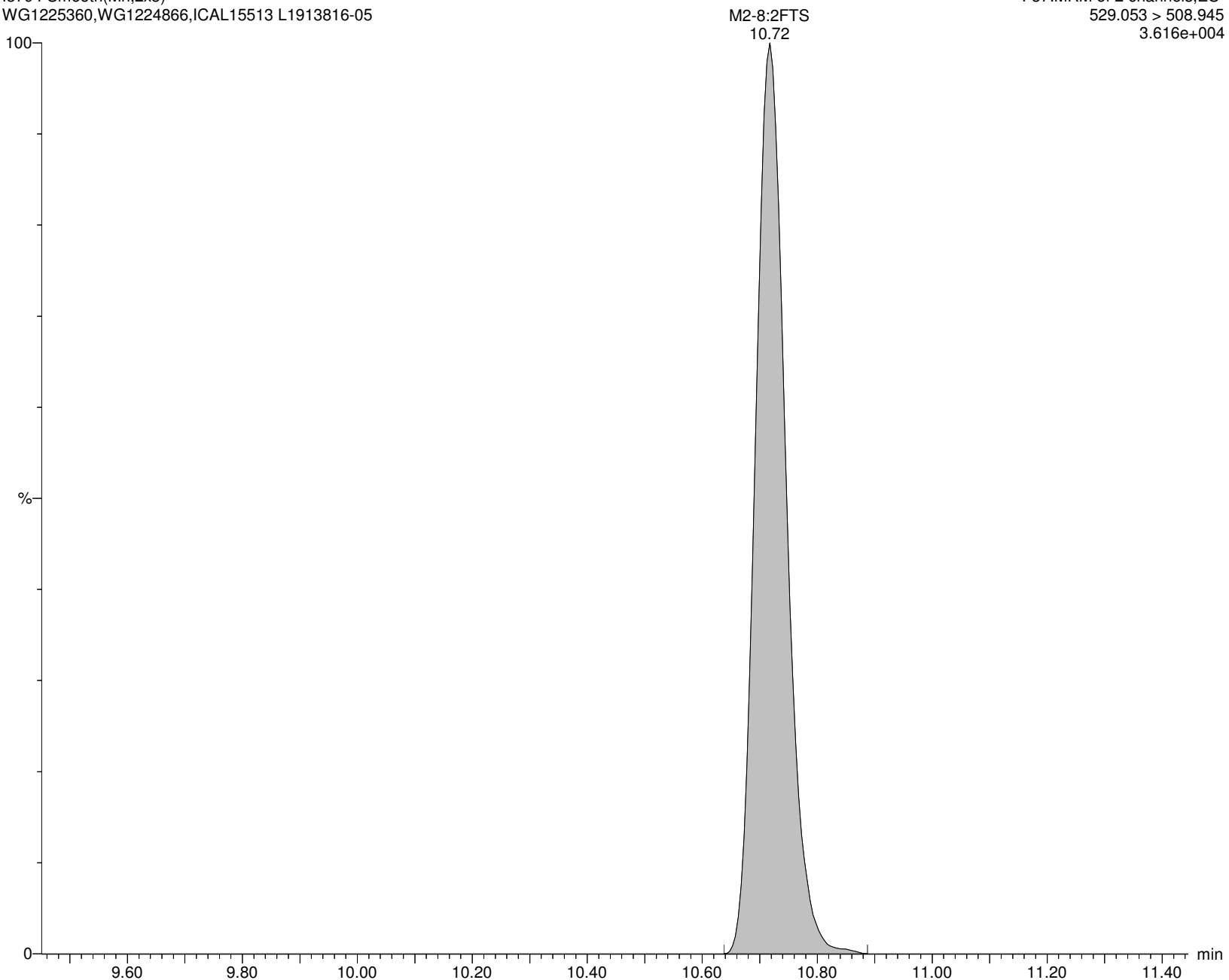
I3794 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-05

F37:MRM of 2 channels,ES-

529.053 > 508.945

3.616e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNS

I3794 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 L1913816-05

F39:MRM of 2 channels, ES-

548.989 > 80.249

1.000e-003



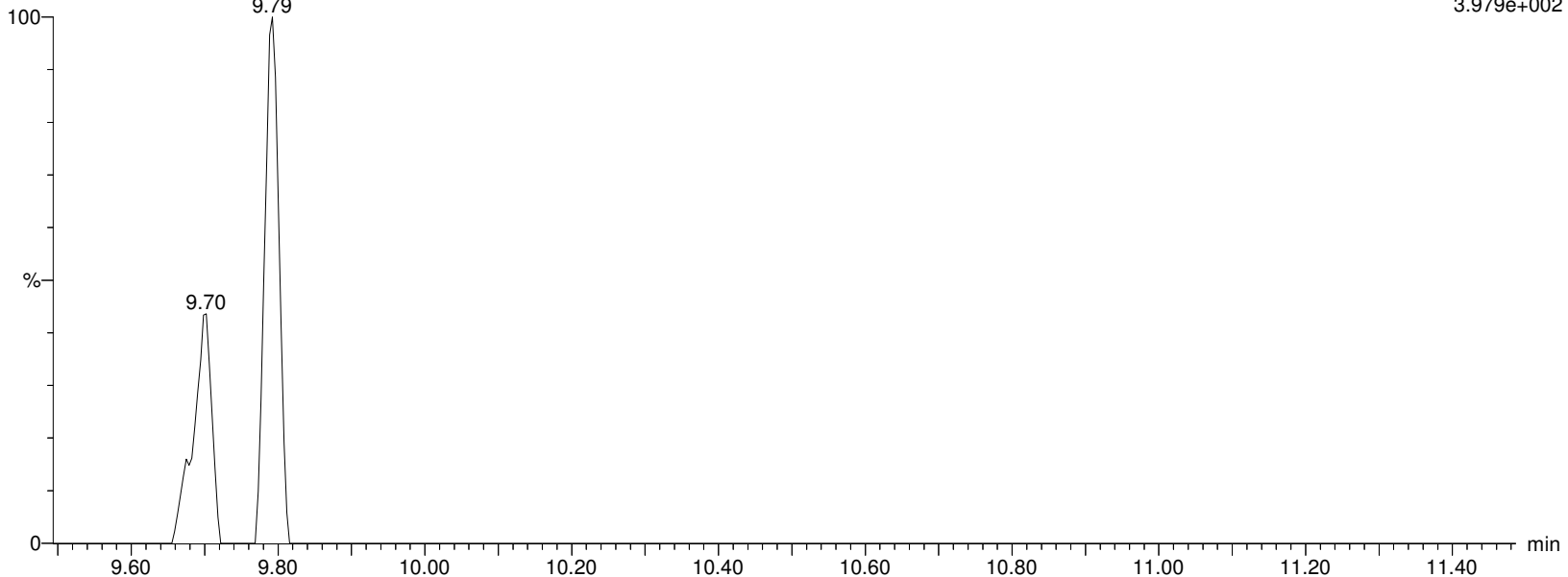
I3794 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 L1913816-05

F39:MRM of 2 channels, ES-

548.989 > 99.22

3.979e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d3-NMeFOSAA

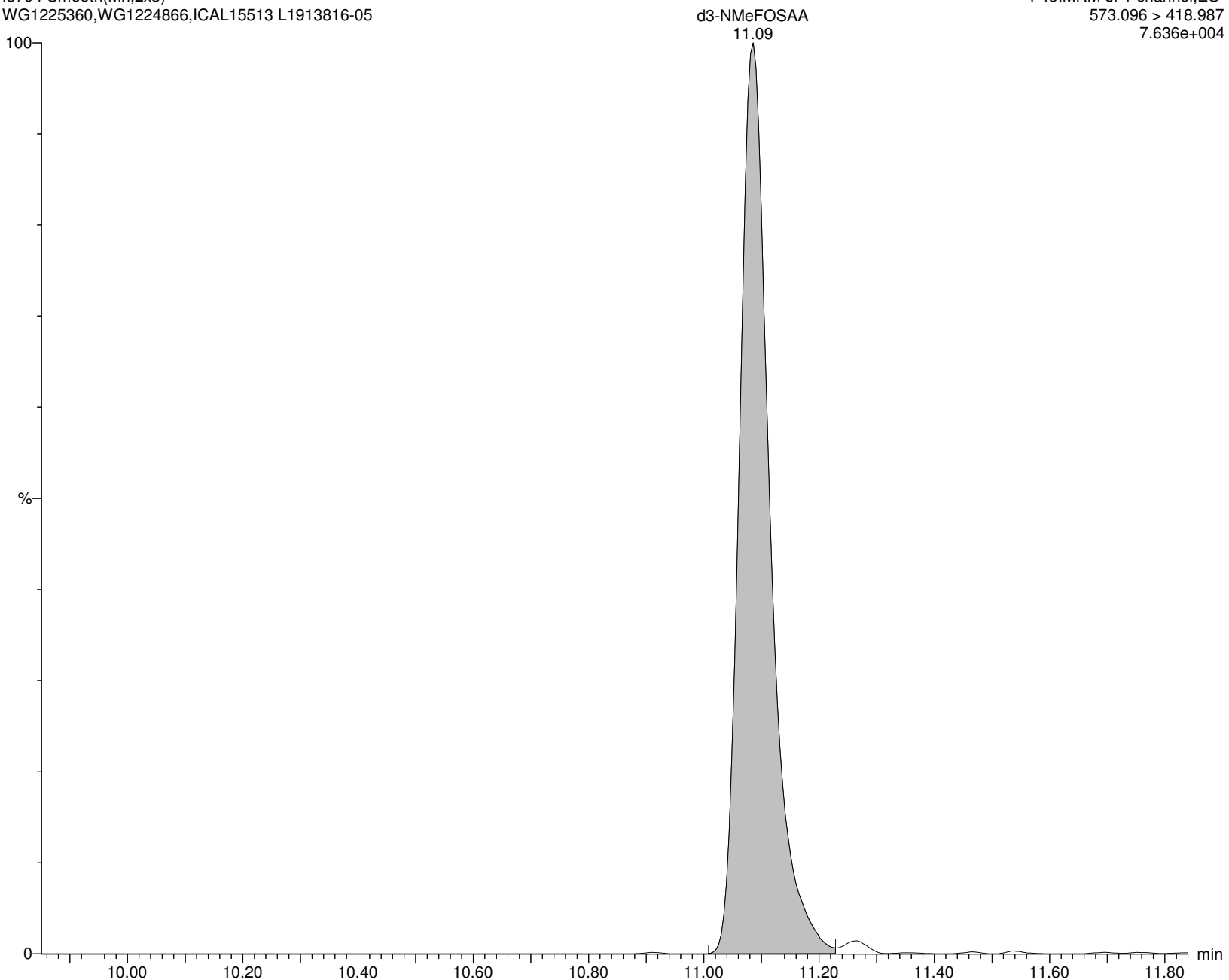
I3794 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-05

F43:MRM of 1 channel,ES-

573.096 > 418.987

7.636e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NMeFOSAA

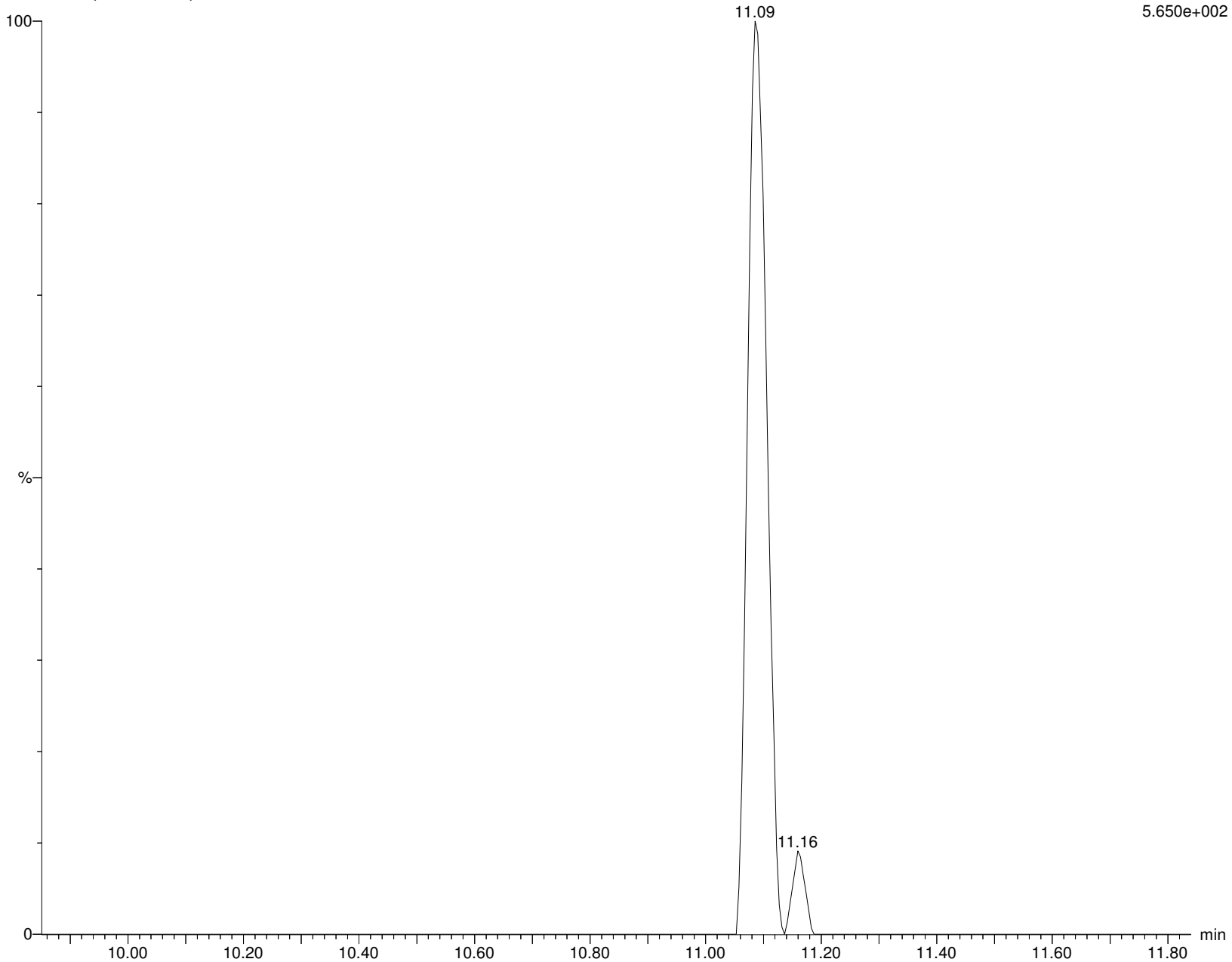
I3794 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-05

F41:MRM of 1 channel,ES-

570.053 > 418.917

5.650e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFUnA

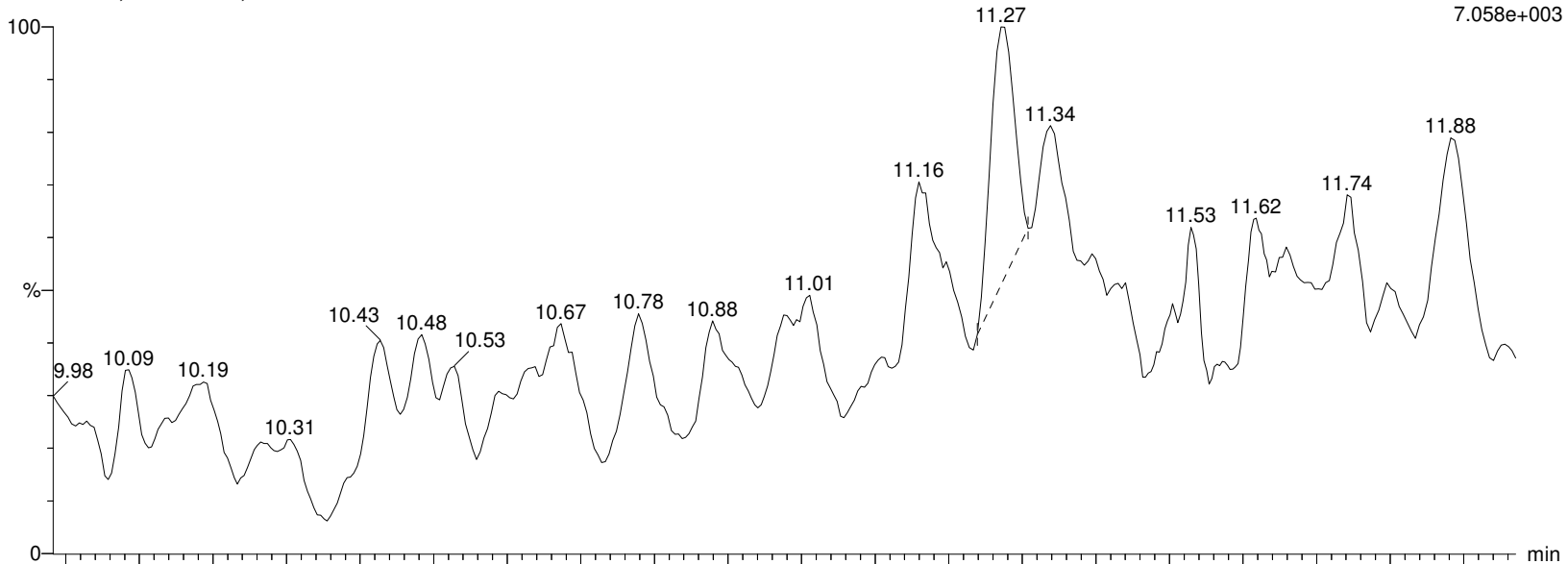
I3794 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-05

F40:MRM of 2 channels,ES-

562.989 > 518.903

7.058e+003



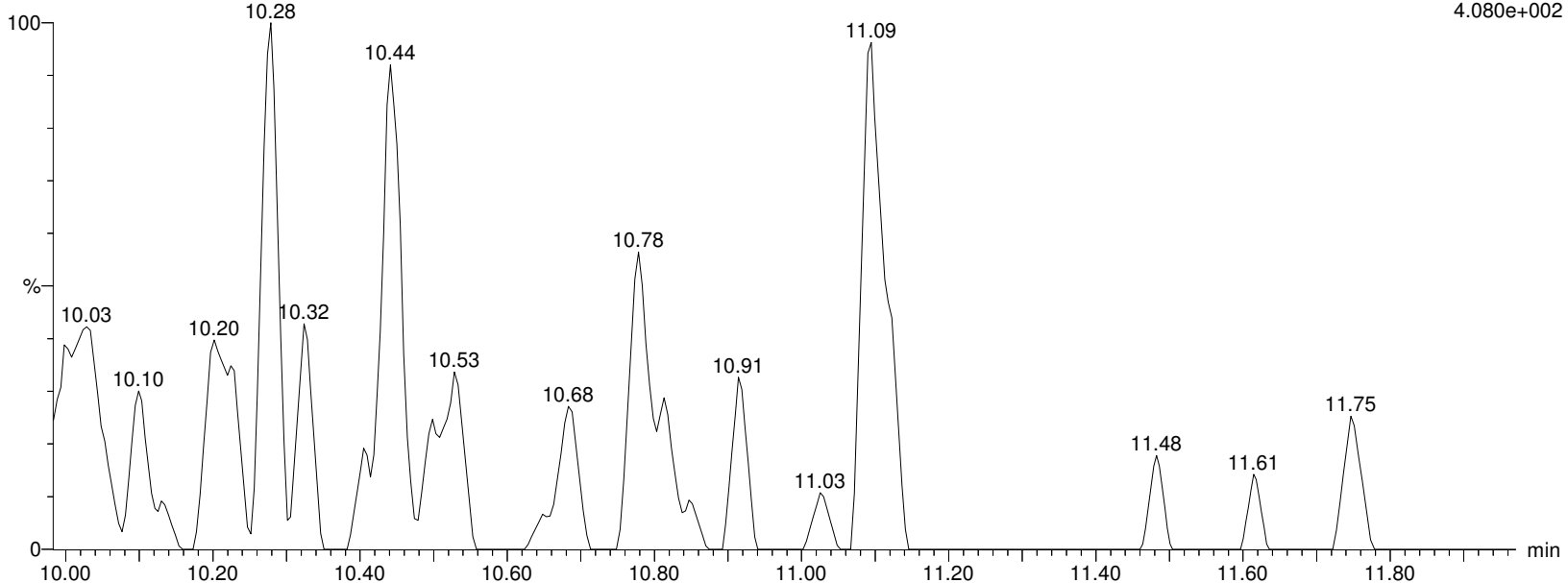
I3794 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-05

F40:MRM of 2 channels,ES-

562.989 > 269.01

4.080e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M7-PFUDA

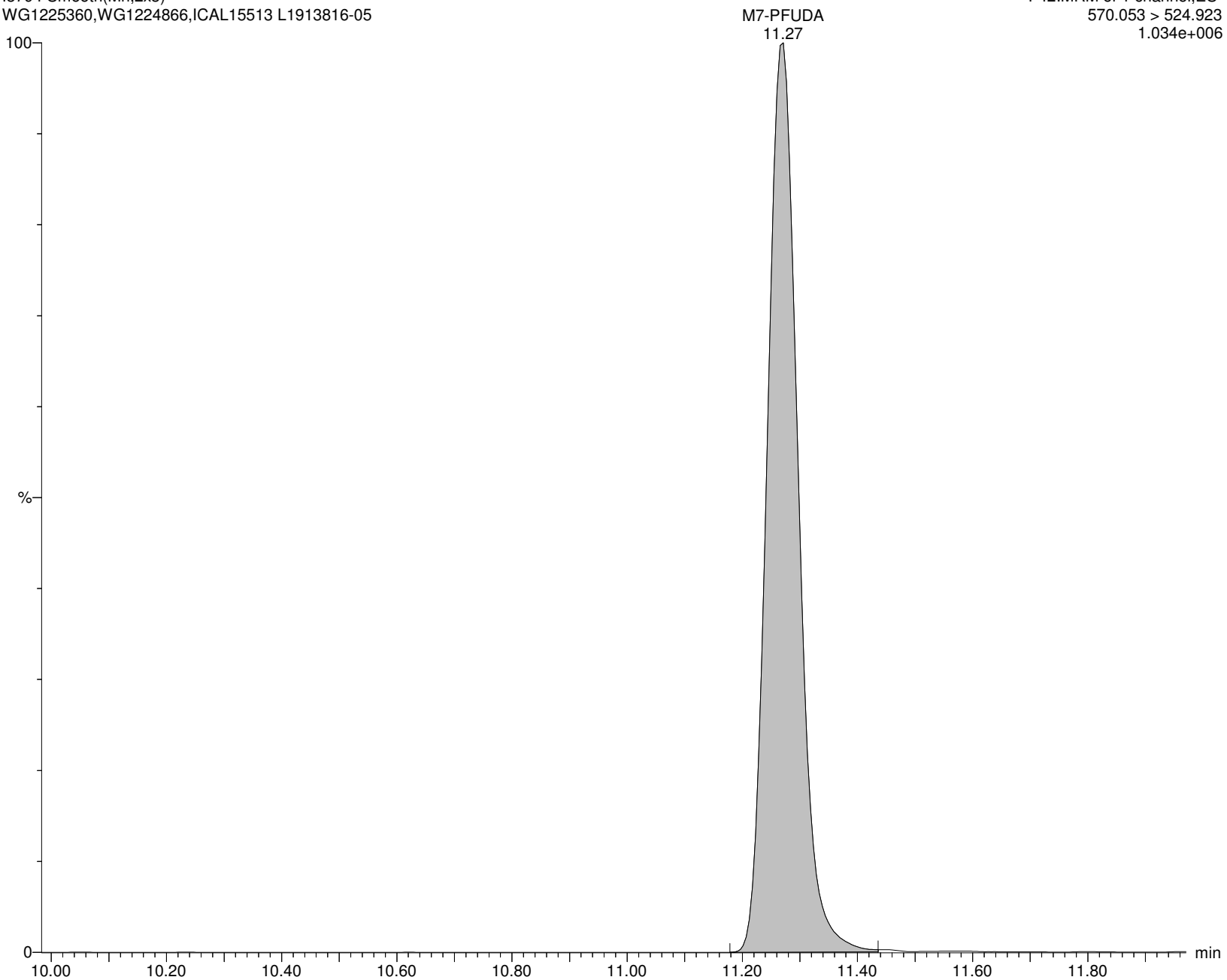
I3794 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-05

F42:MRM of 1 channel,ES-

570.053 > 524.923

1.034e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDS

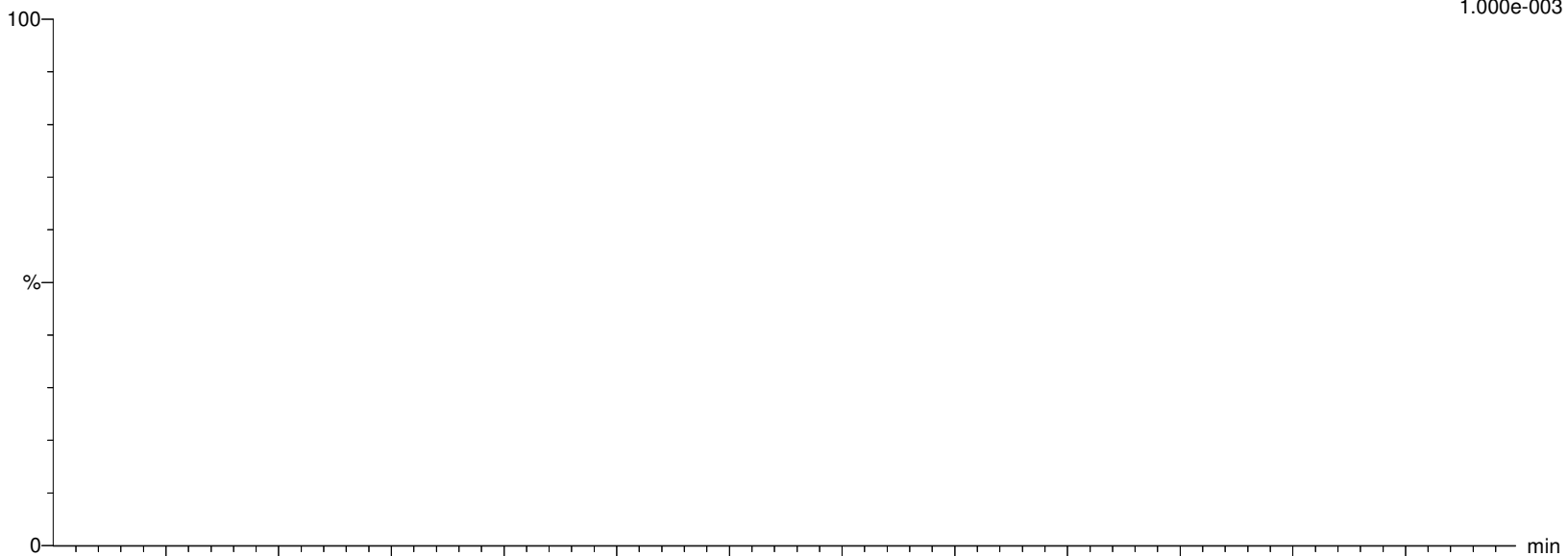
I3794 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 L1913816-05

F46:MRM of 2 channels, ES-

598.926 > 80.314

1.000e-003



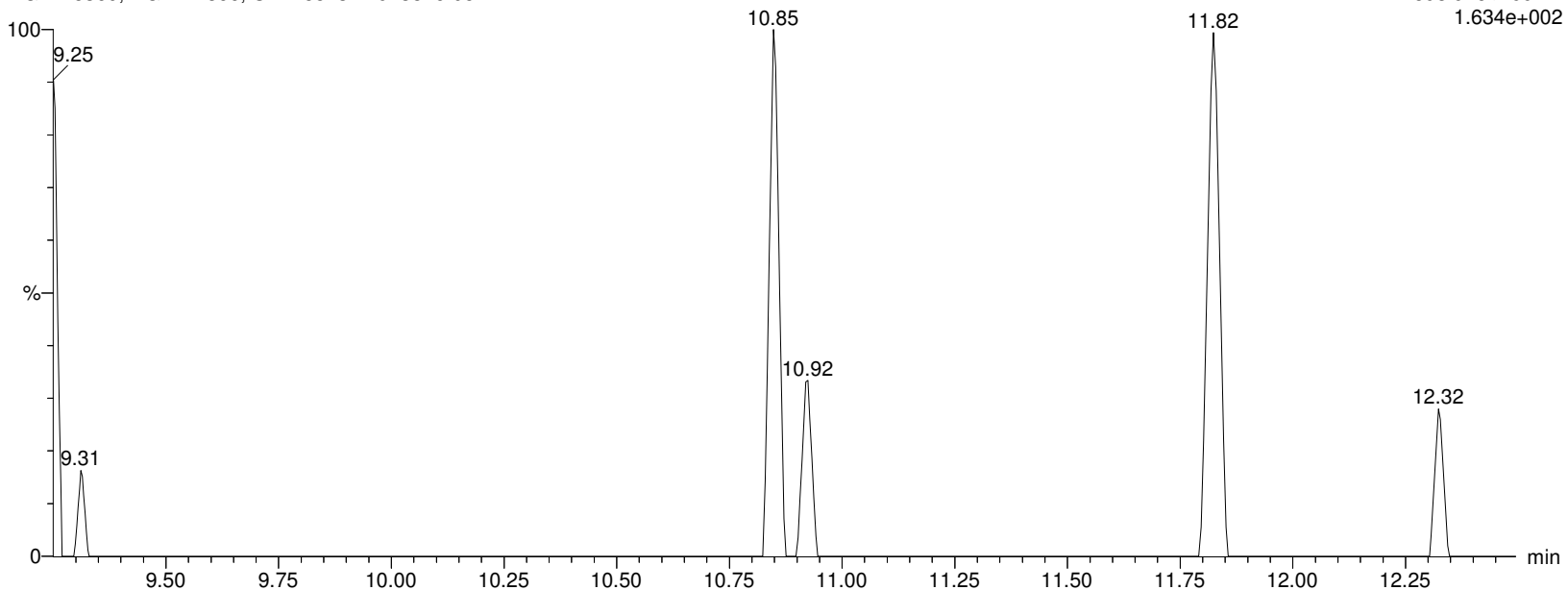
I3794 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 L1913816-05

F46:MRM of 2 channels, ES-

598.926 > 99.22

1.634e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794**ID: L1913816-05****Date: 11-Apr-2019****Time: 15:43:16****Description: WG1225360, WG1224866, ICAL15513****User: LCMS02:JW****Vial: 1:C,3****Instrument: XEVO-TQSmicro#QEB0050****Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B****Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR****MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP****FOSA**

I3794 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 L1913816-05

F28:MRM of 2 channels, ES-

497.989 > 78.245

1.000e-003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8FOSA

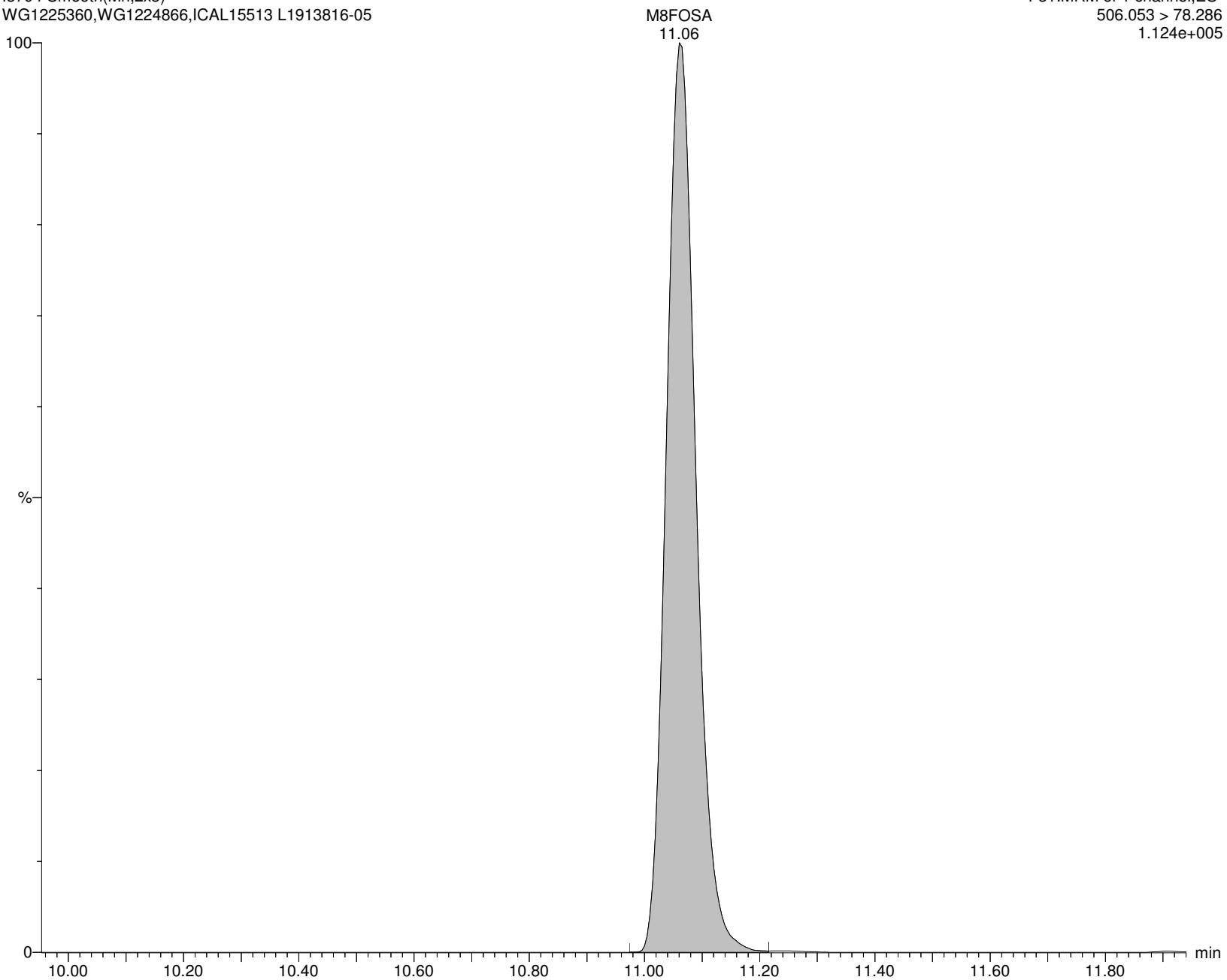
I3794 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-05

F31:MRM of 1 channel,ES-

506.053 > 78.286

1.124e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d5-NEtFOSAA

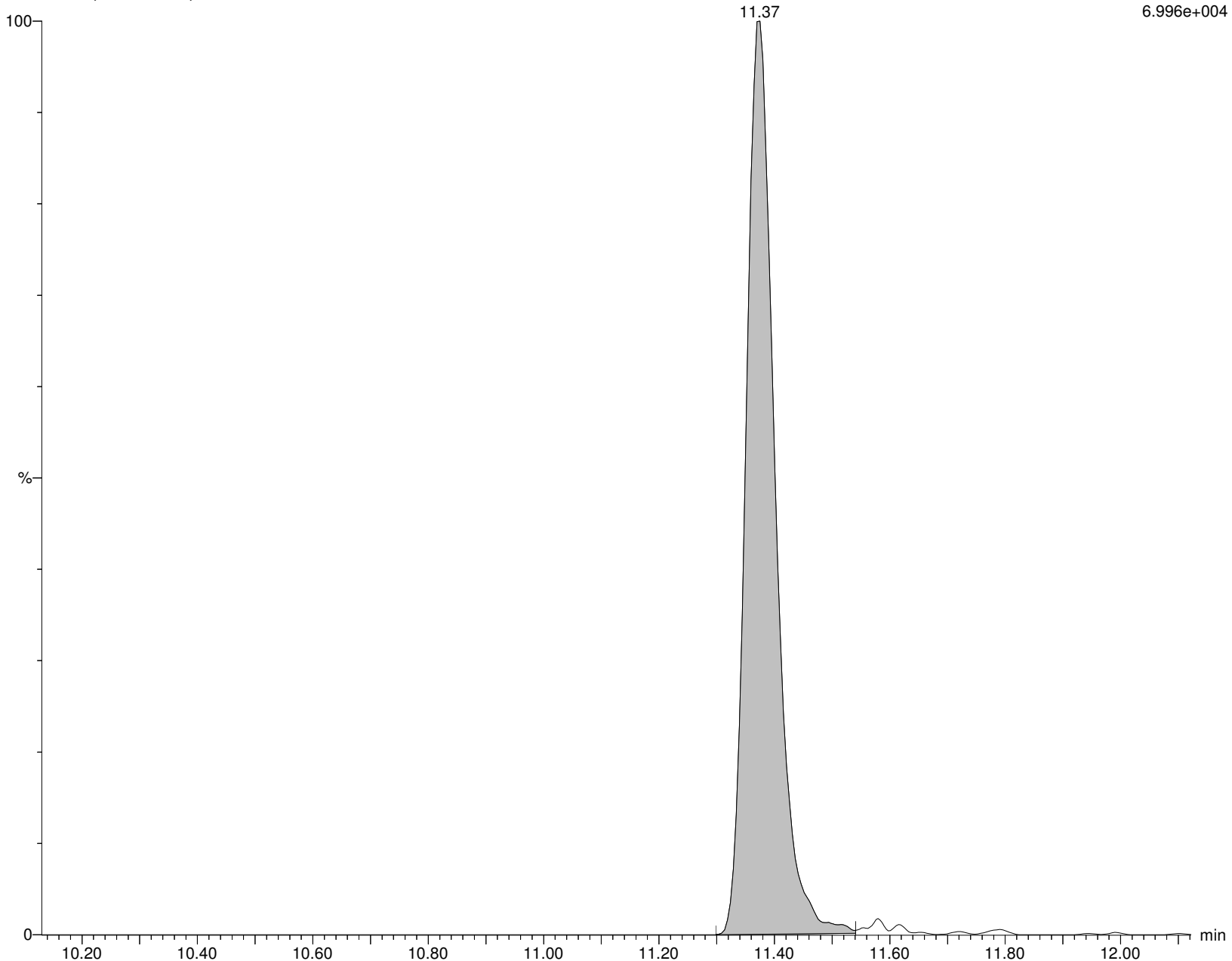
I3794 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 L1913816-05

F45:MRM of 1 channel, ES-

589.117 > 418.929

6.996e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NetFOSAA

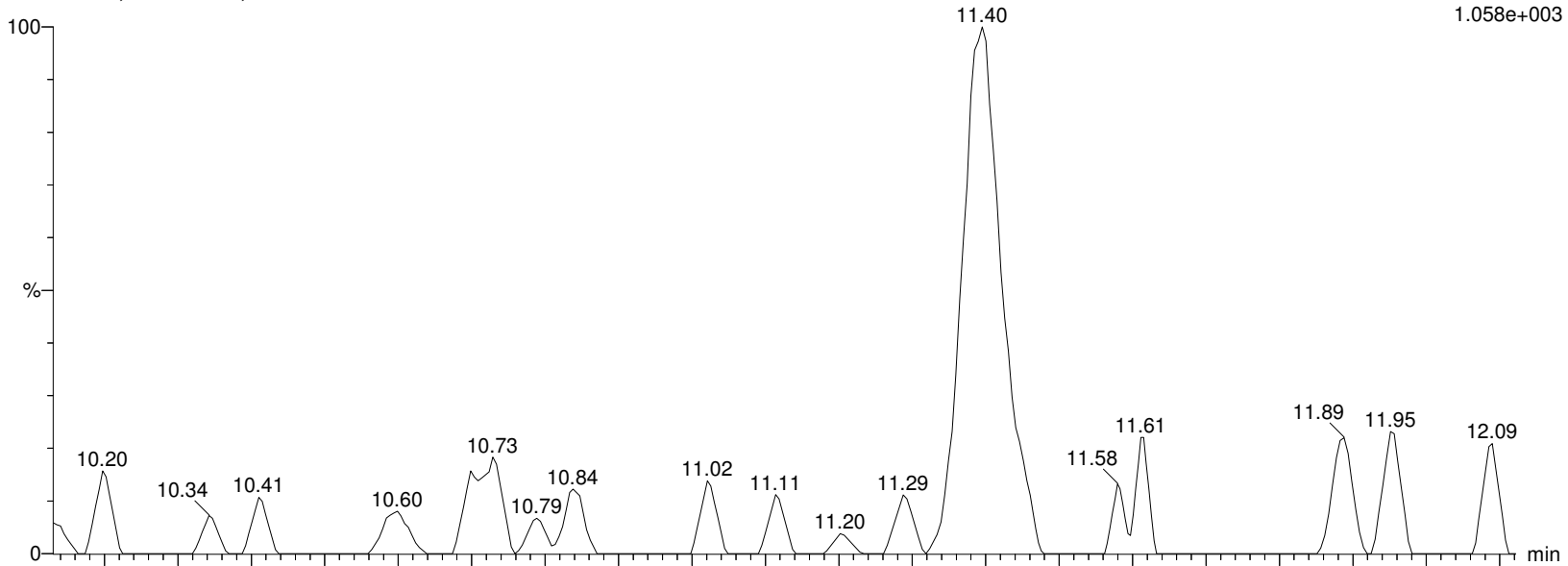
I3794 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-05

F44:MRM of 2 channels,ES-

583.989 > 418.927

1.058e+003



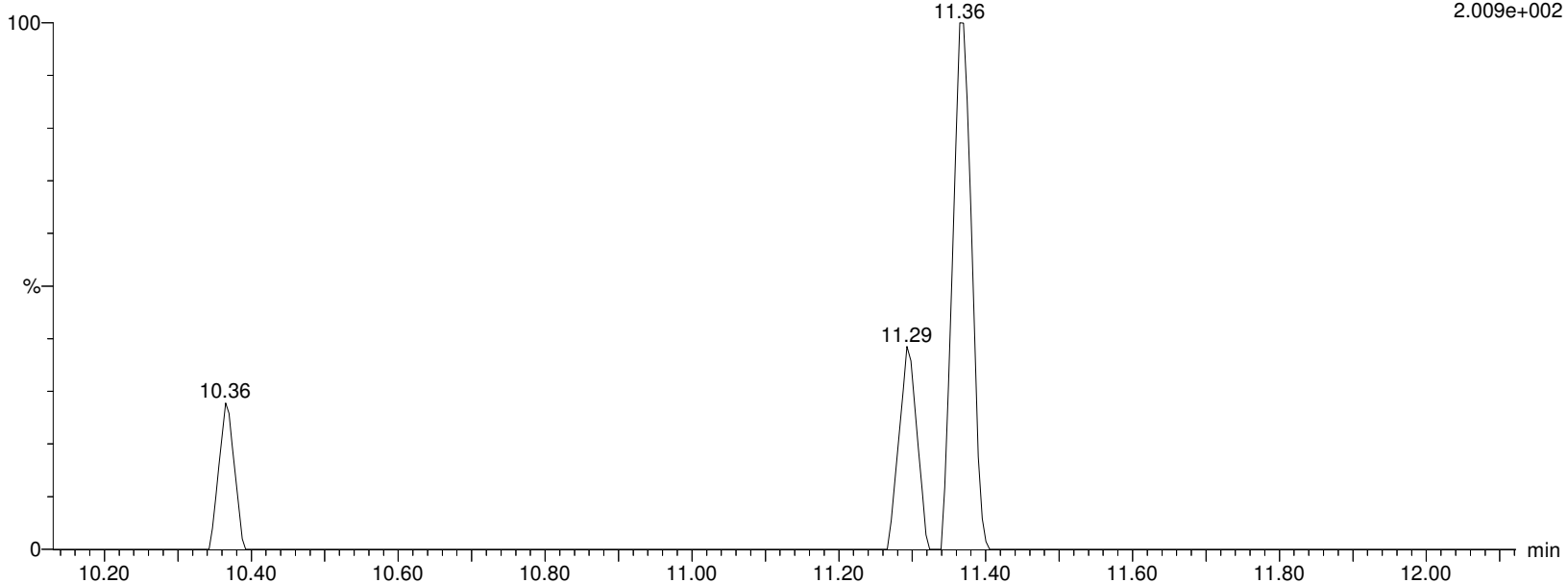
I3794 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-05

F44:MRM of 2 channels,ES-

583.989 > 482.88

2.009e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDoA

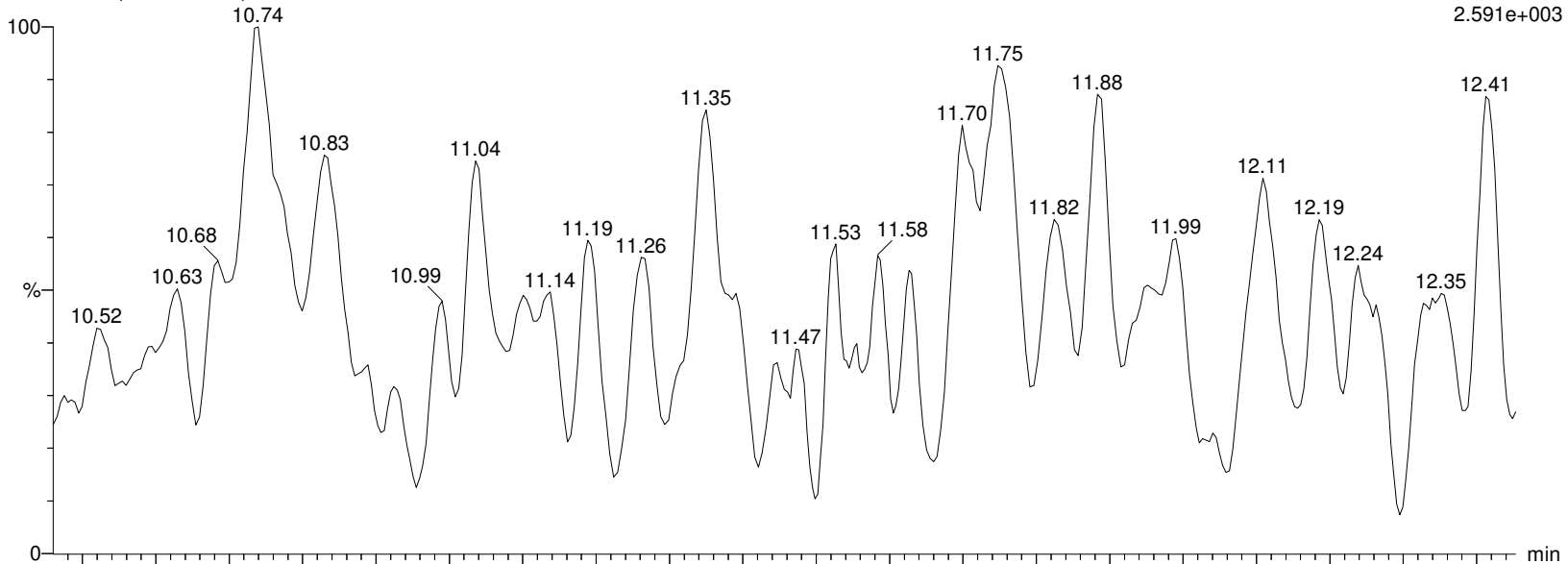
I3794 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-05

F47:MRM of 2 channels,ES-

612.989 > 568.967

2.591e+003



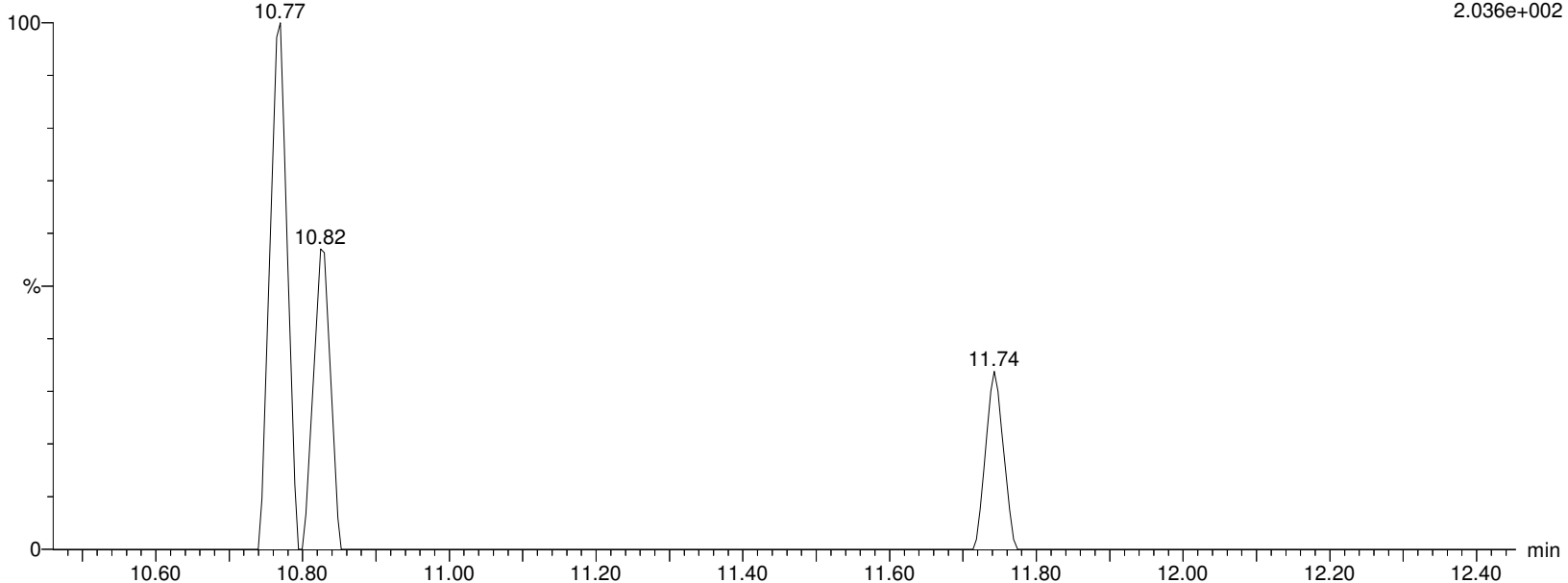
I3794 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-05

F47:MRM of 2 channels,ES-

612.989 > 219.08

2.036e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFDOA

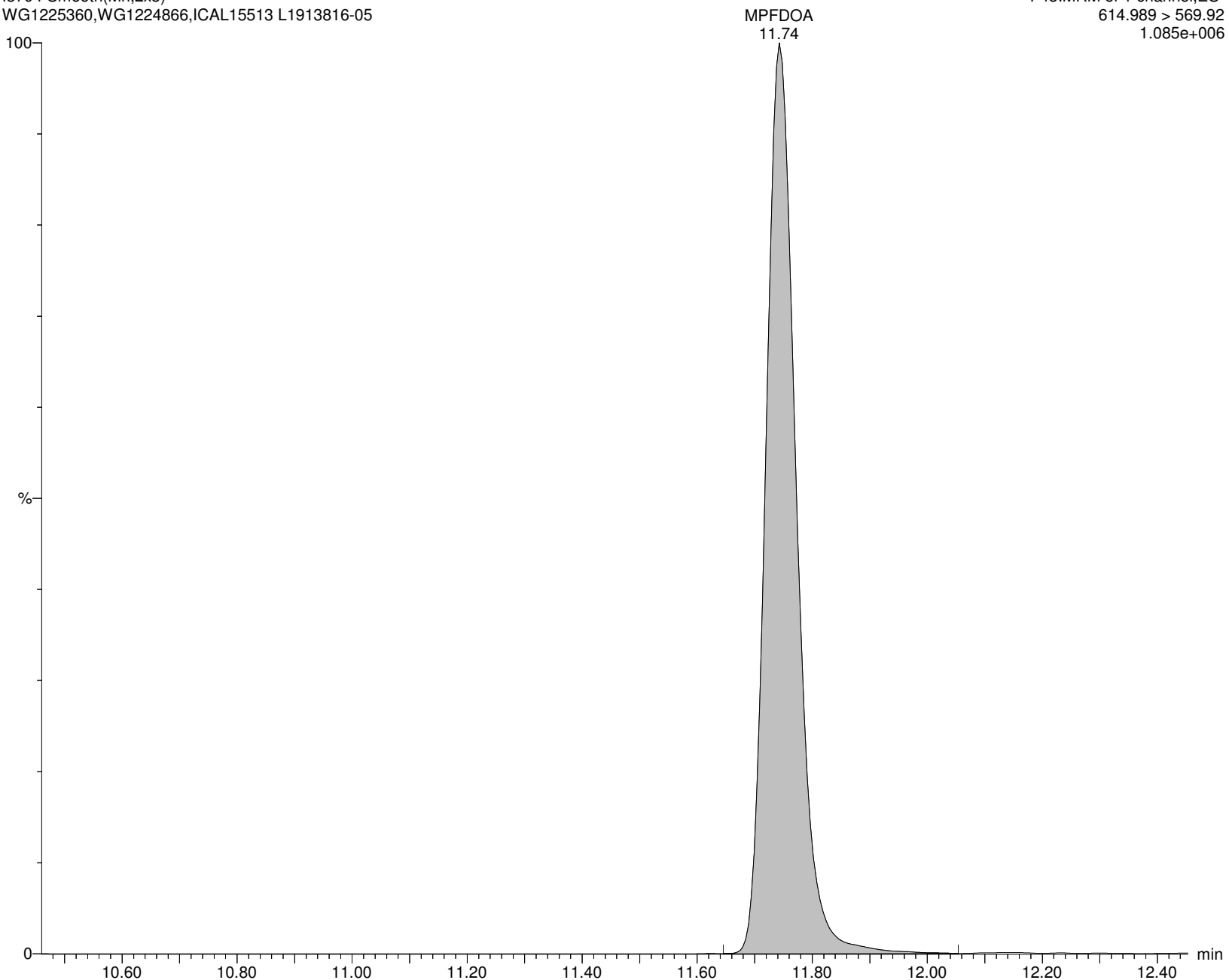
I3794 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-05

F48:MRM of 1 channel,ES-

614.989 > 569.92

1.085e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

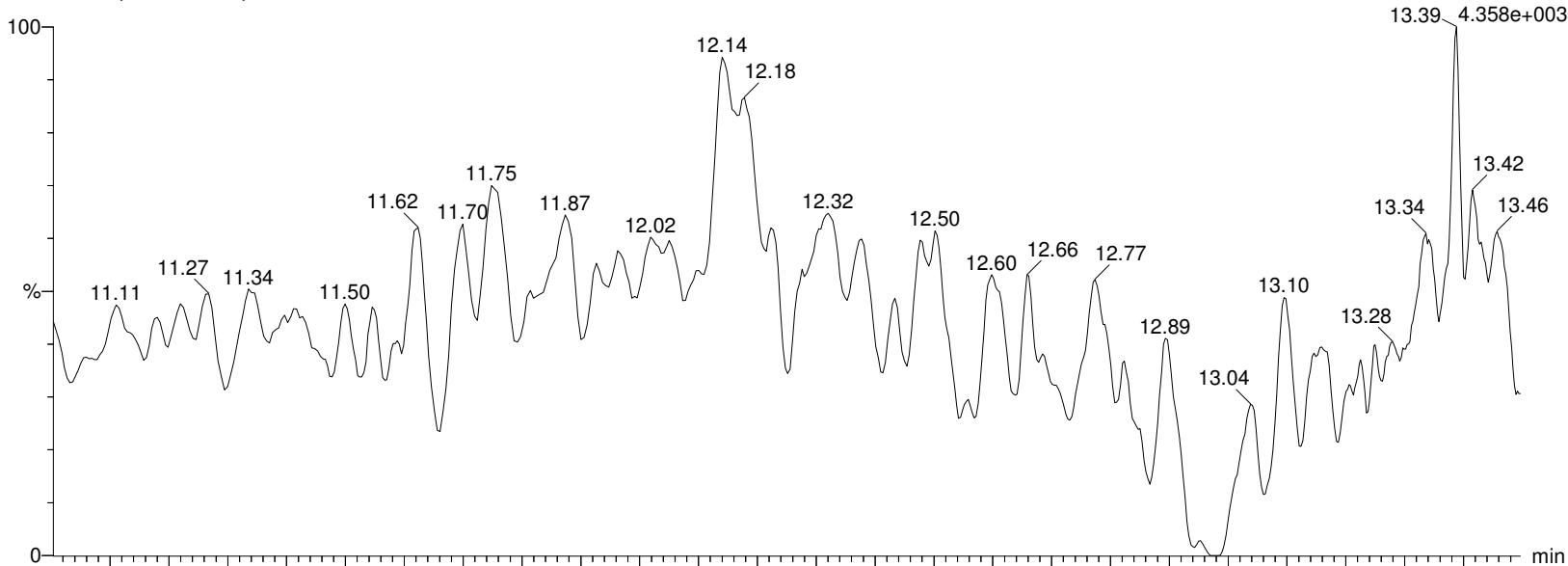
Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTTrDA

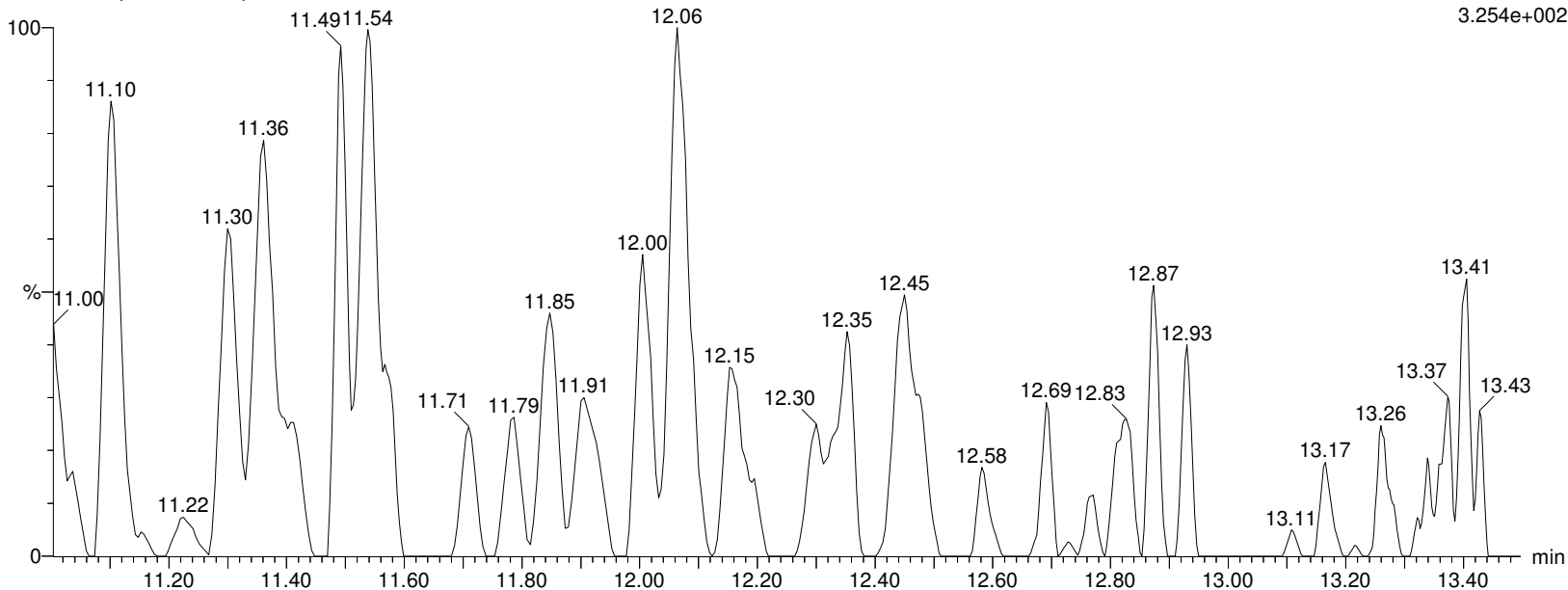
I3794 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-05



I3794 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-05



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

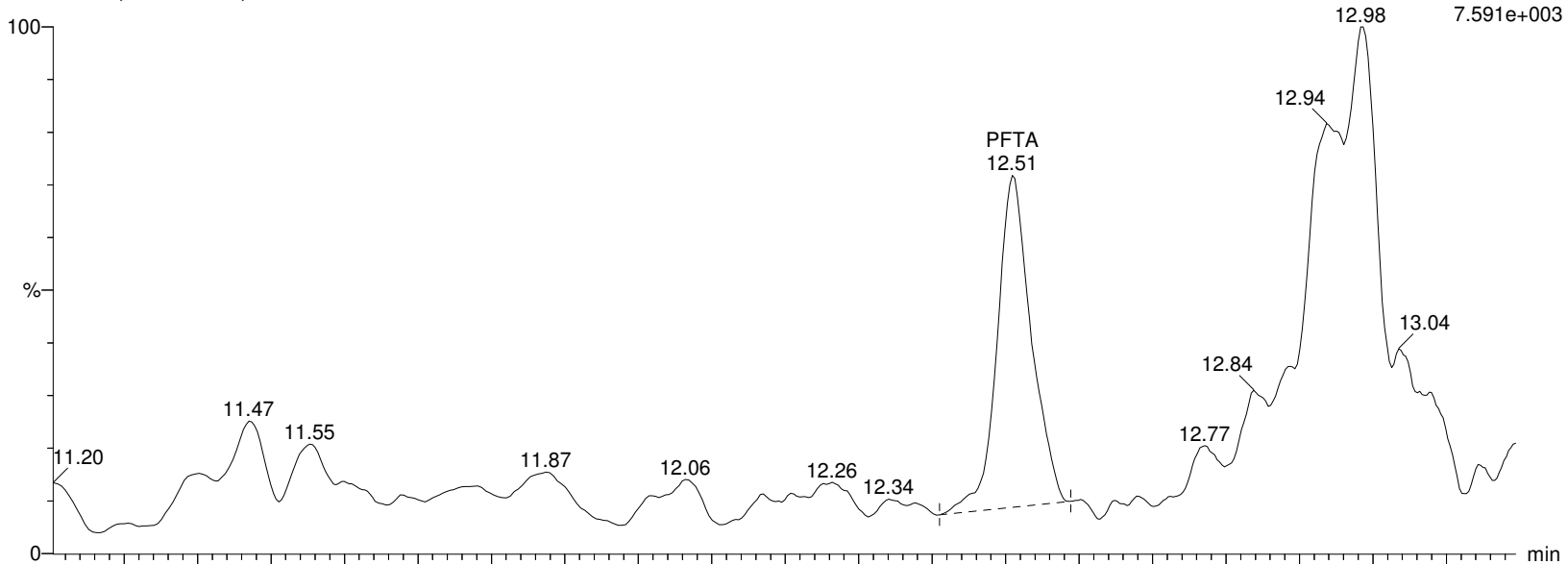
Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTA

I3794 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-05



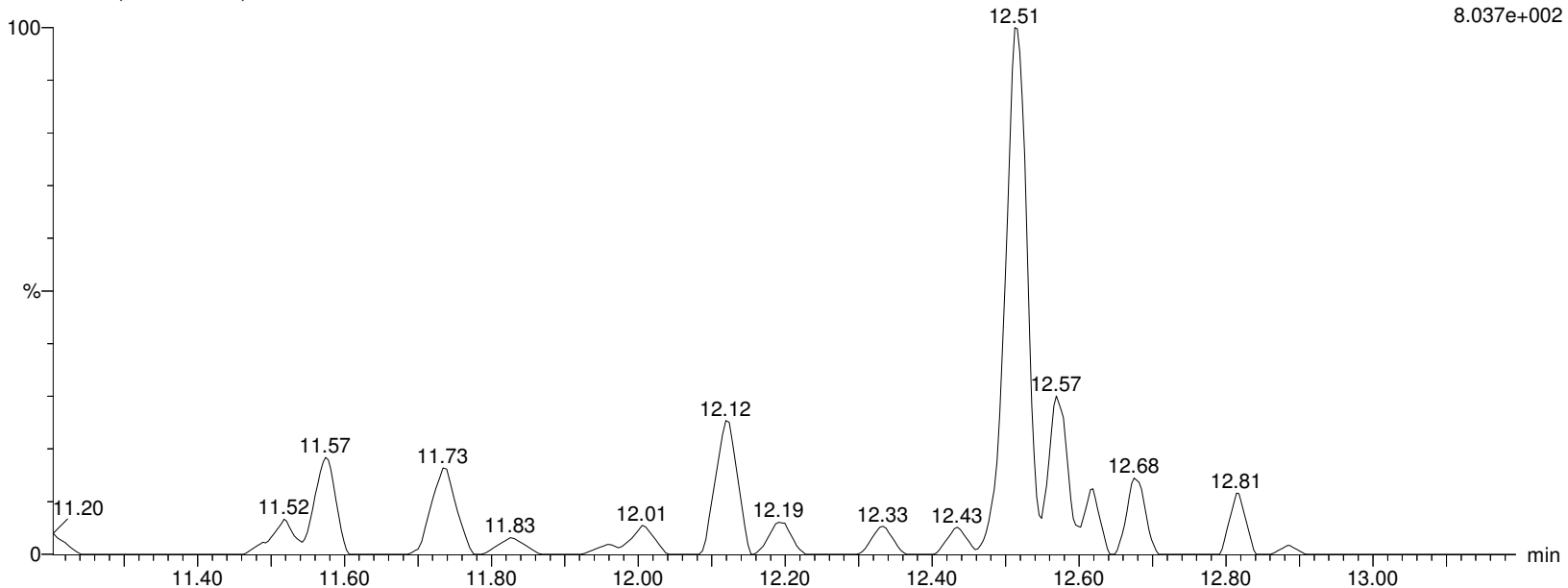
F52:MRM of 2 channels,ES-

713.053 > 668.976

7.591e+003

I3794 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-05



F52:MRM of 2 channels,ES-

713.053 > 219.09

8.037e+002

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:57 Eastern Daylight Time

Name: I3794

ID: L1913816-05

Date: 11-Apr-2019

Time: 15:43:16

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:C,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFTEDA

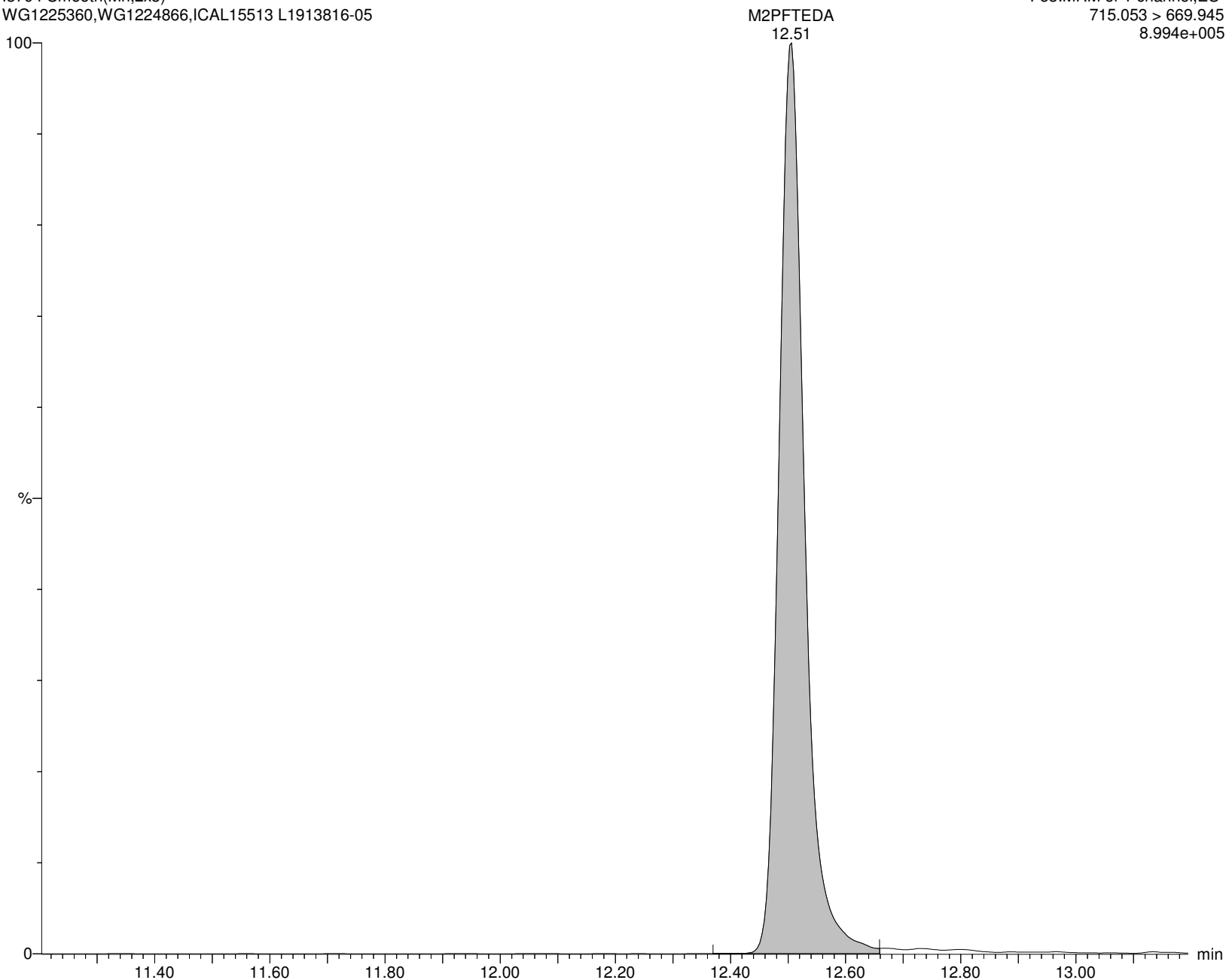
I3794 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 L1913816-05

F53:MRM of 1 channel, ES-

715.053 > 669.945

8.994e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld
Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time
Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Method: C:\MassLynx\Data\2019\190411_537ISO.PRO\MethDB\537ISO_Q_190215_RT.mdb 10 Apr 2019 16:27:50
Calibration: C:\MassLynx\Data\2019\190411_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 08:45:17

ID: L1913816-07
Name: I3795
Date: 11-Apr-2019
Time: 15:59:54
Description: WG1225360,WG1224866,ICAL15513
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:JW

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.35	212.926 > 169.111	669		0.268		na	
2	M3PFBA	INT STD	2.35	215.926 > 172.122	31505		6.637		na	66.4
3	MPFBA	INT STD	2.35	216.926 > 172.137	29075		8.543		na	85.4
4	PFPeA	2706-90-3		262.926 > 219.002			ND		na	
5	M5PFPEA	INT STD	5.23	267.989 > 223.081	51485		12.161		na	121.6
6	PFBS	375-73-5		298.989 > 80.295			ND		na	
7	M3PFBS	INT STD	5.88	301.989 > 80.254	11378		9.538		na	95.4
8	4:2FTS	757124-72-4		326.926 > 306.957			ND		YES	
9	M2-4:2FTS	INT STD	7.04	329.117 > 309.079	4893		8.842		na	88.4
10	PFHxA	307-24-4		312.989 > 269.028			ND		YES	
11	M5PFHxA	INT STD	7.13	317.989 > 273.045	70886		8.708		na	87.1
12	PFPeS	2706-91-4		348.926 > 80.251			ND		YES	
13	PFHpA	375-85-9		362.926 > 319.014			ND		YES	
14	M4PFHpA	INT STD	8.39	366.926 > 321.979	90604		8.616		na	86.2
15	br-PFHxS	355-46-4		398.926 > 80.295			ND		YES	
16	L-PFHxS	355-46-4		398.926 > 80.295			ND		YES	
17	PFHxS	355-46-4		398.926 > 80.295	0		ND		na	
18	M3PFHxS	INT STD	8.55	401.926 > 80.317	7785		9.220		na	92.2
19	br-PFOA	335-67-1		412.989 > 368.9			ND		YES	
20	L-PFOA	335-67-1		412.989 > 368.9			ND		YES	
21	M2PFOA	INT STD	9.34	415.032 > 369.968	97913		9.887		na	98.9
22	PFOA	335-67-1		412.989 > 368.9	0		ND		na	
23	M8PFOA	INT STD	9.34	420.989 > 375.979	83484		8.878		na	88.8
24	6:2FTS	27619-97-2	9.29	426.989 > 406.921	93 M4		0.257		na	
25	M2-6:2FTS	INT STD	9.30	428.989 > 408.917	3615		6.503		na	65.0
26	PFHpS	375-92-8		448.926 > 80.257			ND		YES	
27	PFNA	375-95-1		462.989 > 418.931			ND		YES	
28	M9PFNA	INT STD	10.09	472.053 > 426.947	81915		9.161		na	91.6
29	br-PFOS	1763-23-1		498.989 > 80.294			ND		YES	
30	L-PFOS	1763-23-1		498.989 > 80.294			ND		YES	
31	PFOS	1763-23-1		498.989 > 80.294	0		ND		na	
32	M4PFOS	INT STD	10.14	503.032 > 80.306	9591		10.372		na	103.7
33	M8PFOS	INT STD	10.14	507.053 > 80.294	8693		9.014		na	90.1
34	PFDA	335-76-2		513.053 > 468.906			ND		YES	
35	M2PFDA	INT STD	10.73	515.053 > 469.934	79225		10.503		na	105.0
36	M6PFDA	INT STD	10.73	519.053 > 473.931	73218		8.635		na	86.3
37	8:2FTS	39108-34-4		526.989 > 506.946			ND		na	
38	M2-8:2FTS	INT STD	10.71	529.053 > 508.945	1954		6.386		na	63.9
39	PFNS	68259-12-1		548.989 > 80.249			ND		YES	

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

ID: L1913816-07

Name: I3795

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:JW

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	11.09	573.096 > 418.987	4661		5.780		na	57.8
41	NMeFOSAA	2355-31-9		570.053 > 418.917			ND		na	
42	PfUnA	2058-94-8		562.989 > 518.903			ND		YES	
43	M7-PFUDA	INT STD	11.27	570.053 > 524.923	63194		8.886		na	88.9
44	PFDS	335-77-3		598.926 > 80.314			ND		YES	
45	FOSA	754-91-6		497.989 > 78.245			ND		na	
46	M8FOSA	INT STD	11.06	506.053 > 78.286	11773		4.421		na	44.2
47	d5-NEtFOSAA	INT STD	11.37	589.117 > 418.929	4520		6.196		na	62.0
48	NEtFOSAA	2991-50-6		583.989 > 418.927			ND		YES	
49	PFDaA	307-55-1		612.989 > 568.967			ND		YES	
50	MPFDOA	INT STD	11.75	614.989 > 569.92	66366		8.134		na	81.3
51	PFTTrDA	72629-94-8		663.053 > 618.969			ND		YES	
52	PFTA	376-06-7		713.053 > 668.976			ND		YES	
53	M2PFTEDA	INT STD	12.51	715.053 > 669.945	46392		8.539		na	85.4

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Method: C:\MassLynx\Data\2019\190411_537ISO.PRO\MethDB\537ISO_Q_190215_RT.mdb 10 Apr 2019 16:27:50

Calibration: C:\MassLynx\Data\2019\190411_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 08:45:17

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBA

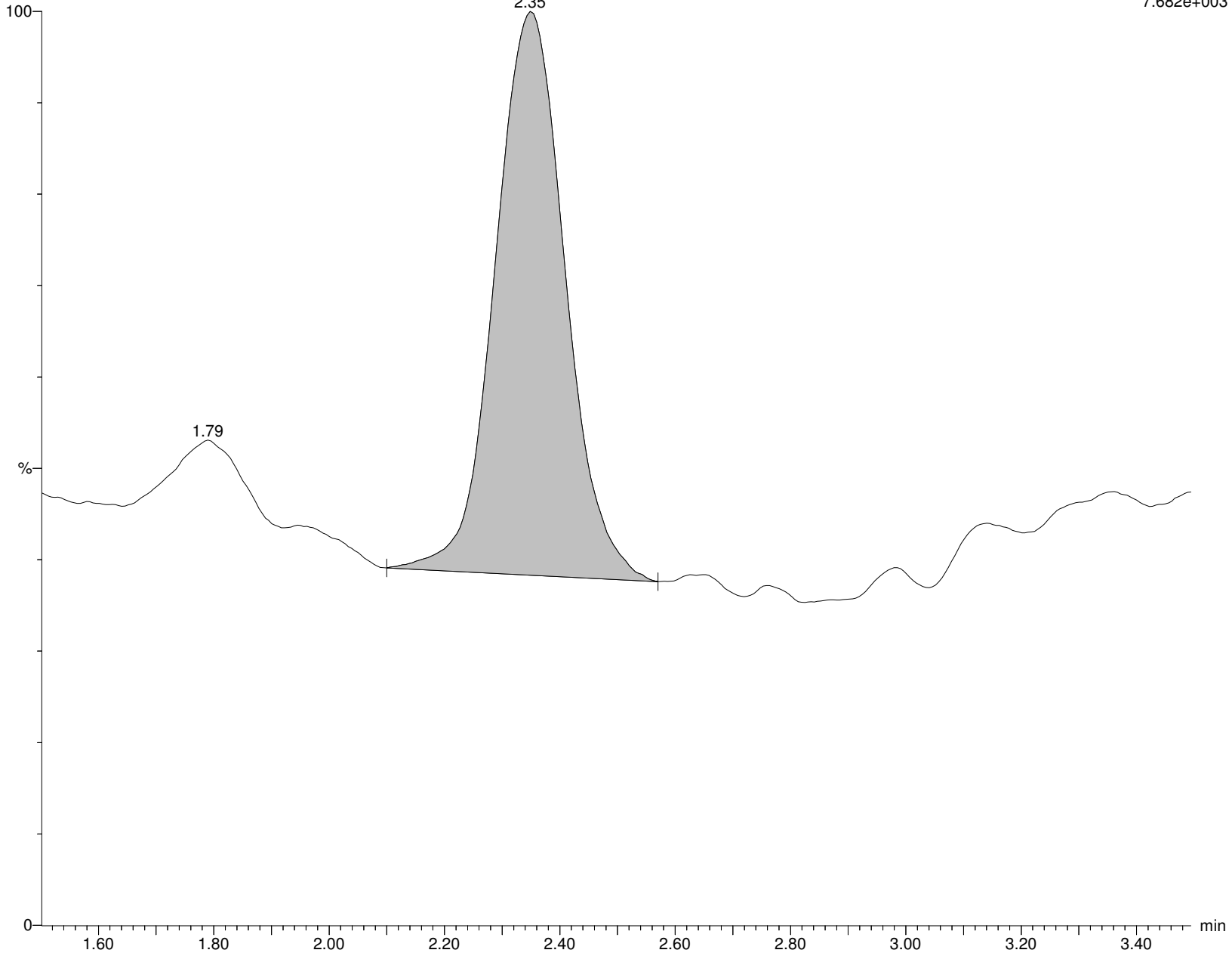
I3795 Smooth(Mn,2x5)

WG1225360,WG1224866,ICAL15513 L1913816-07

F1:MRM of 1 channel,ES-

212.926 > 169.111

7.682e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBA

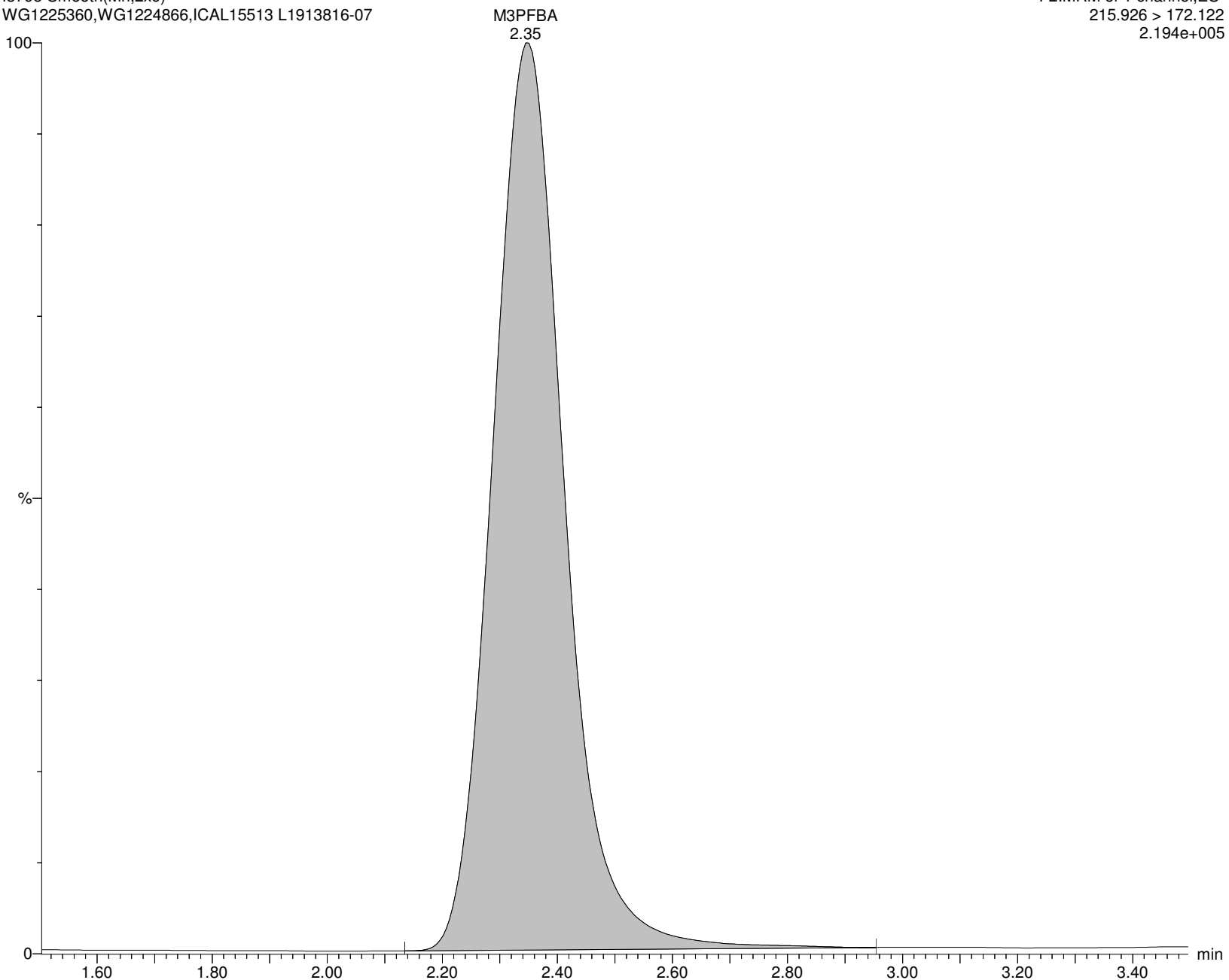
I3795 Smooth(Mn,2x6)

WG1225360,WG1224866,ICAL15513 L1913816-07

F2:MRM of 1 channel,ES-

215.926 > 172.122

2.194e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFBA

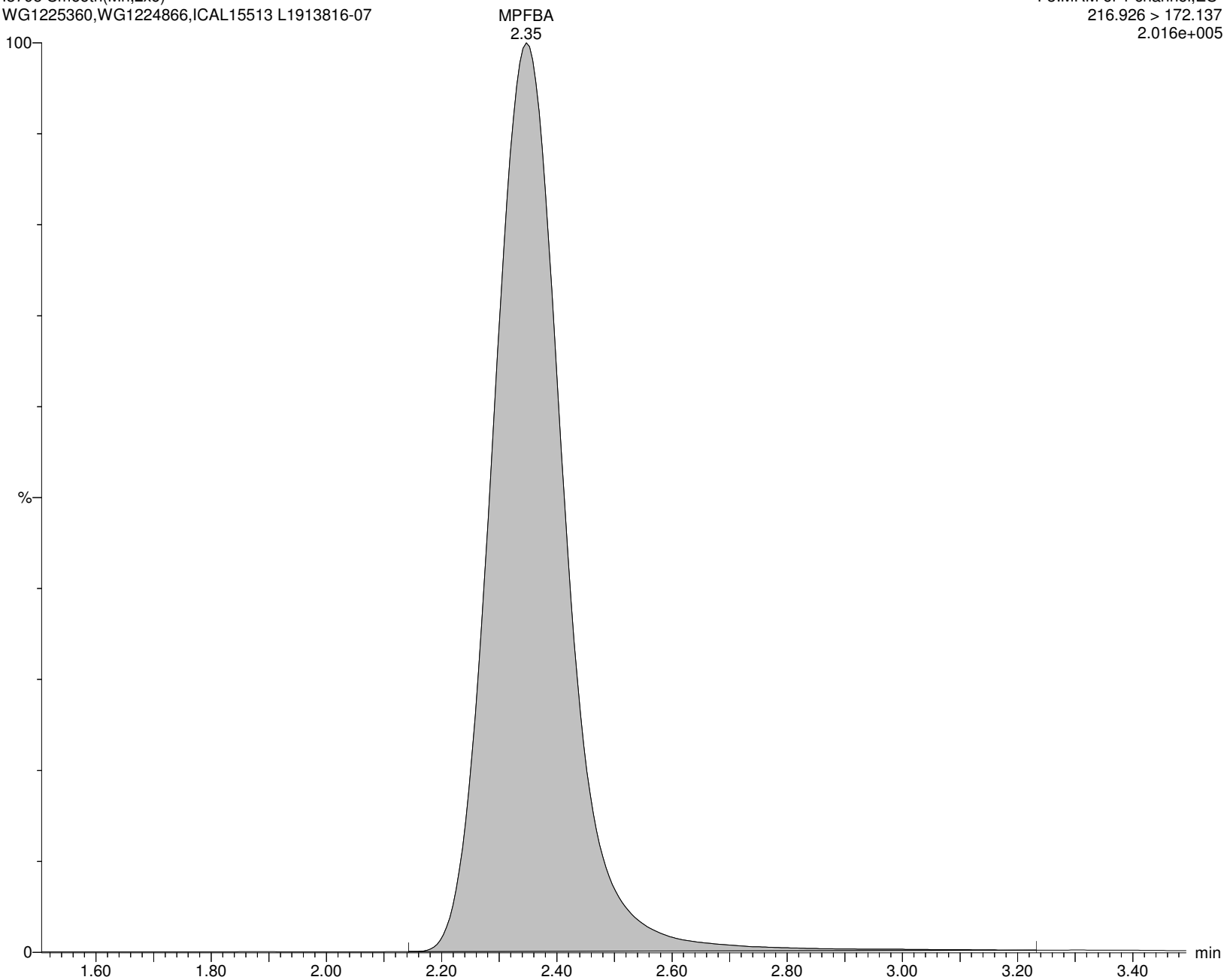
I3795 Smooth(Mn,2x6)

WG1225360,WG1224866,ICAL15513 L1913816-07

F3:MRM of 1 channel,ES-

216.926 > 172.137

2.016e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeA

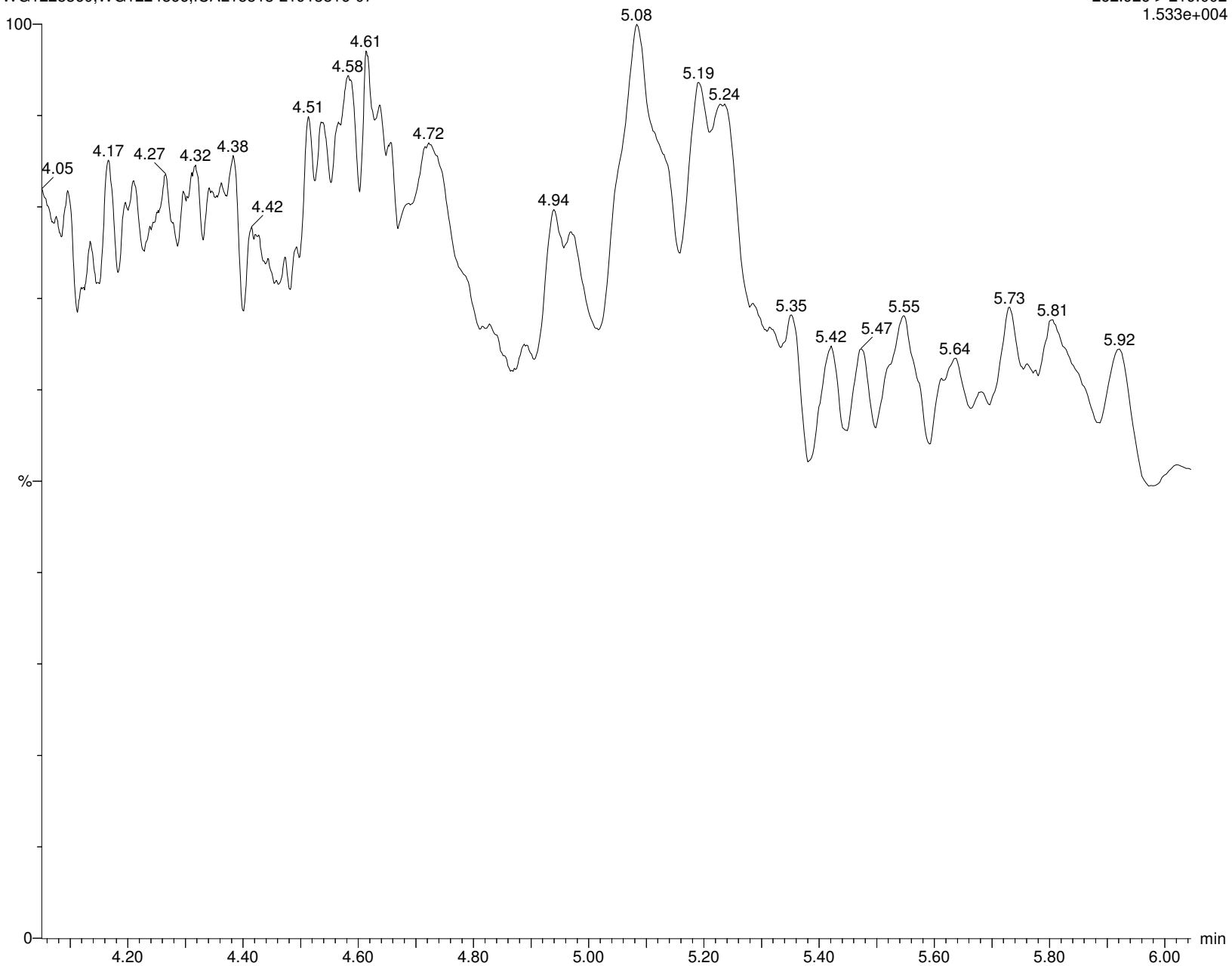
I3795 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513 L1913816-07

F4:MRM of 2 channels,ES-

262.926 > 219.002

1.533e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFPEA

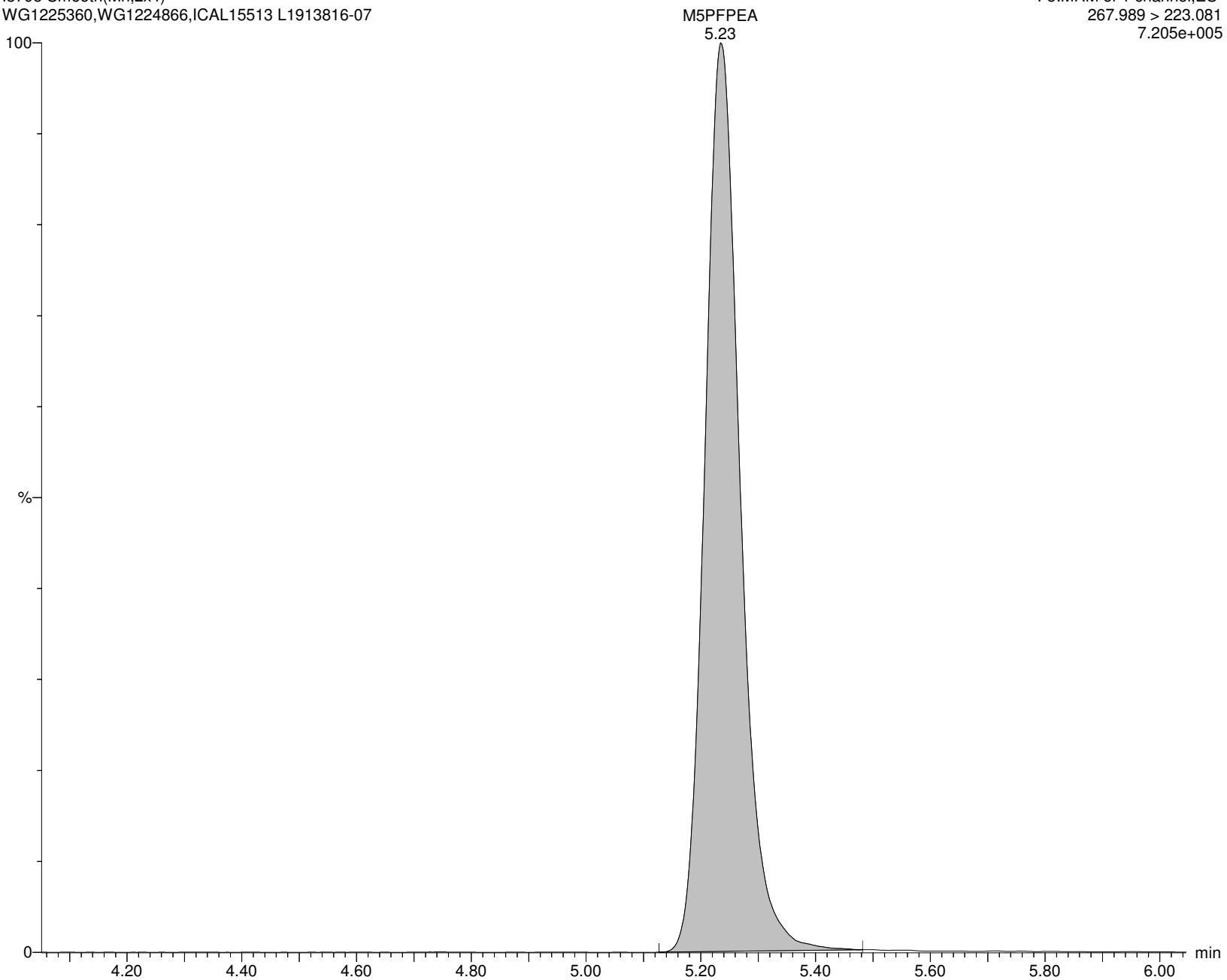
I3795 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513 L1913816-07

F5:MRM of 1 channel,ES-

267.989 > 223.081

7.205e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBS

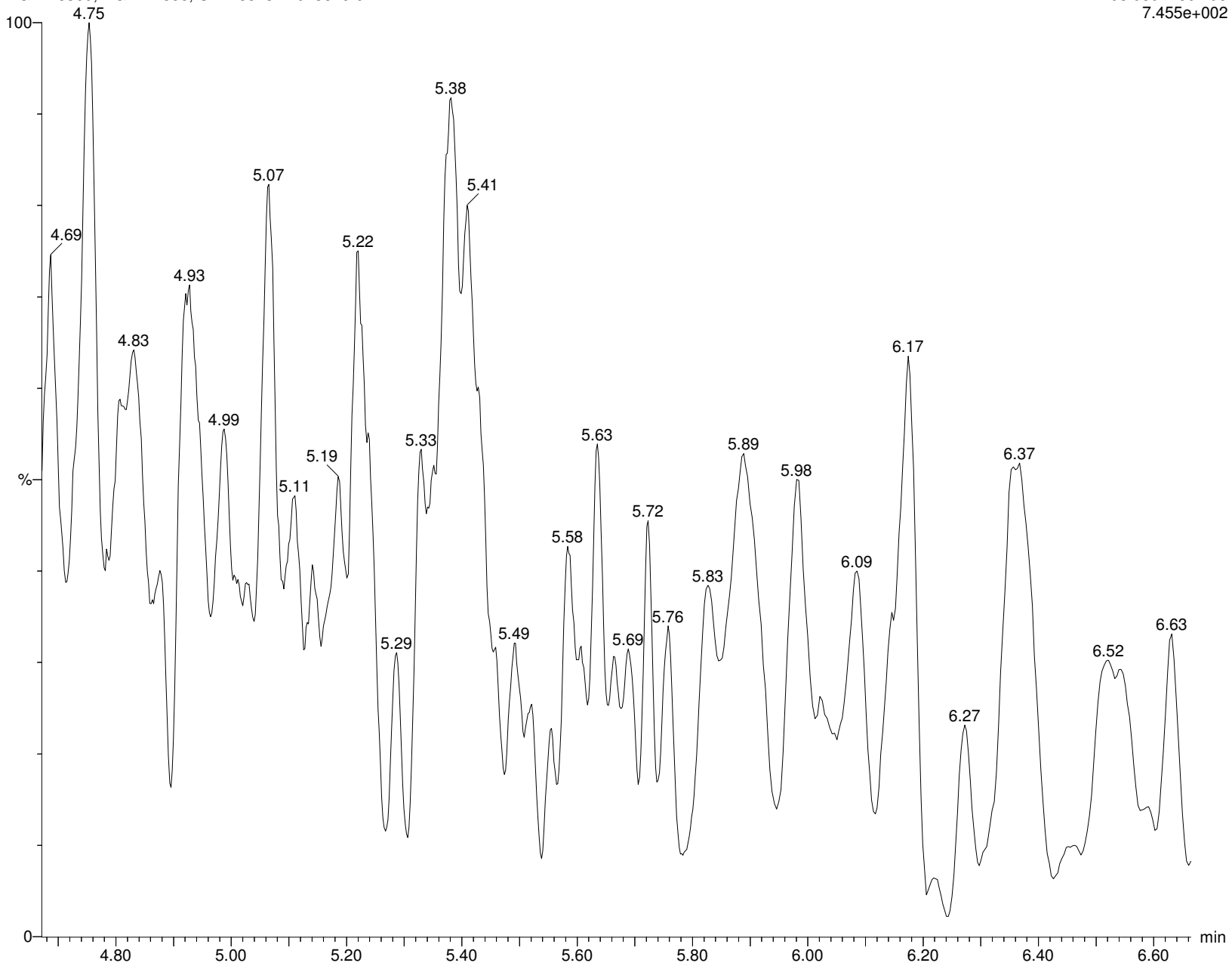
I3795 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-07

F6:MRM of 2 channels,ES-

298.989 > 80.295

7.455e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBS

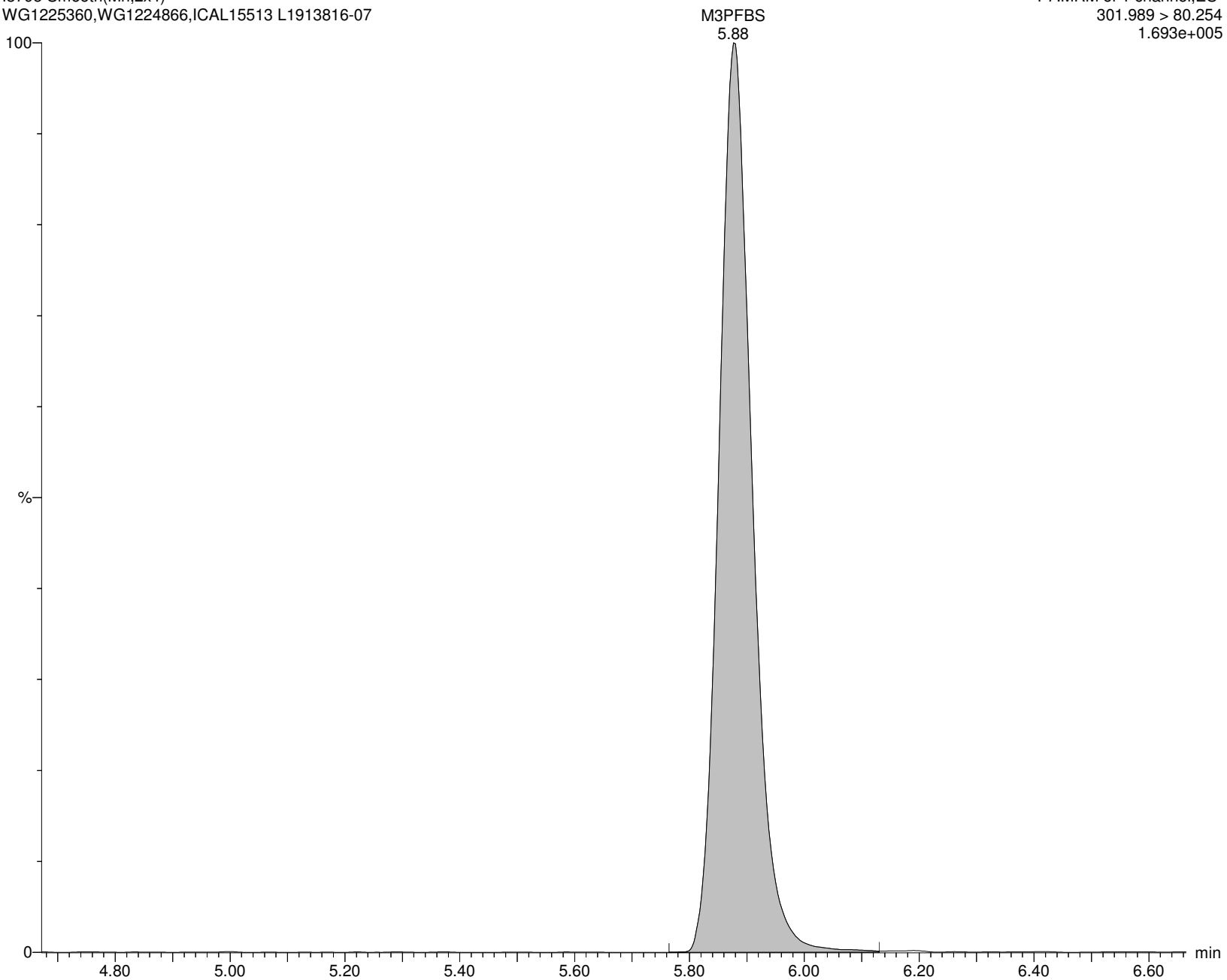
I3795 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513 L1913816-07

F7:MRM of 1 channel,ES-

301.989 > 80.254

1.693e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

4:2FTS

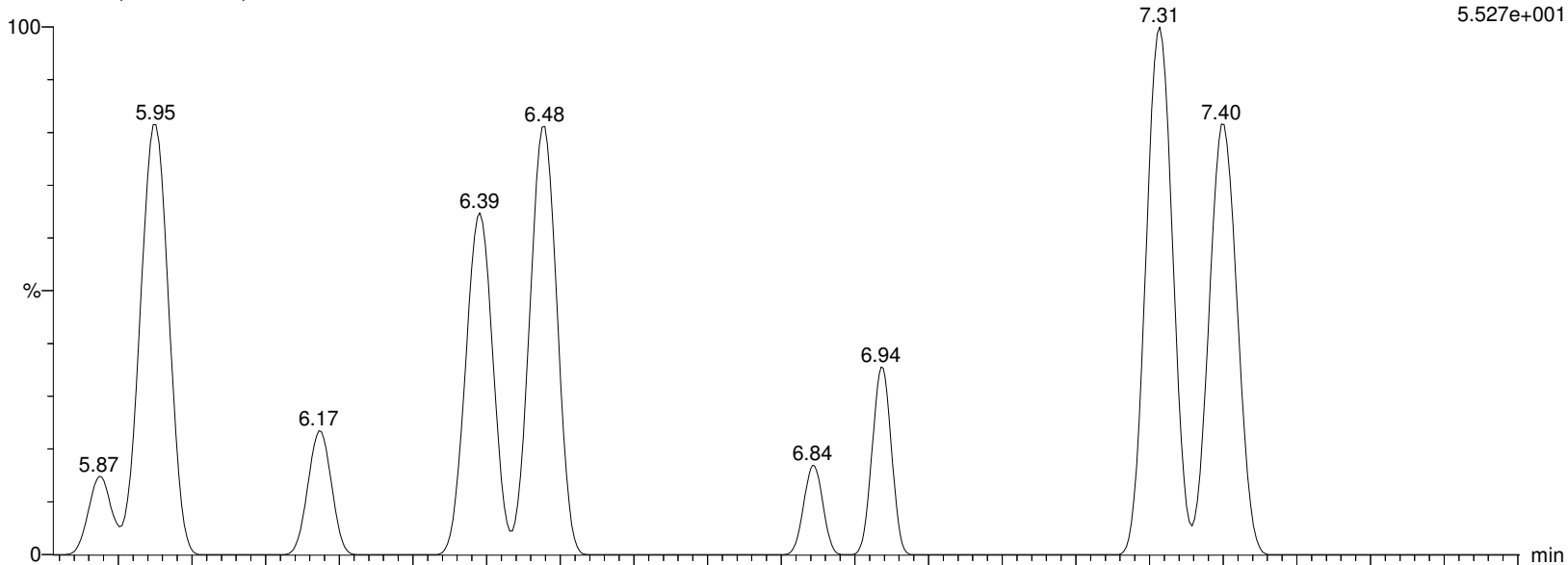
I3795 Smooth(Mn,5x3)

WG1225360,WG1224866,ICAL15513 L1913816-07

F10:MRM of 2 channels,ES-

326.926 > 306.957

5.527e+001



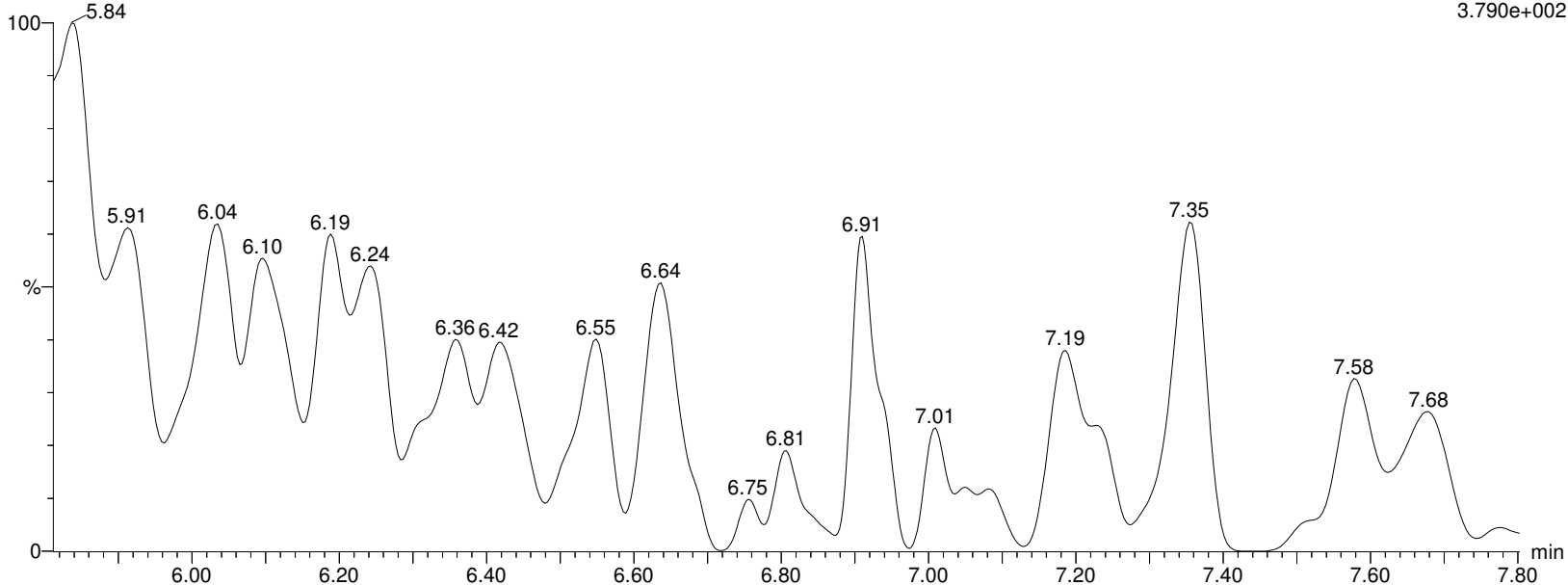
I3795 Smooth(Mn,5x3)

WG1225360,WG1224866,ICAL15513 L1913816-07

F10:MRM of 2 channels,ES-

326.926 > 81.02

3.790e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-4:2FTS

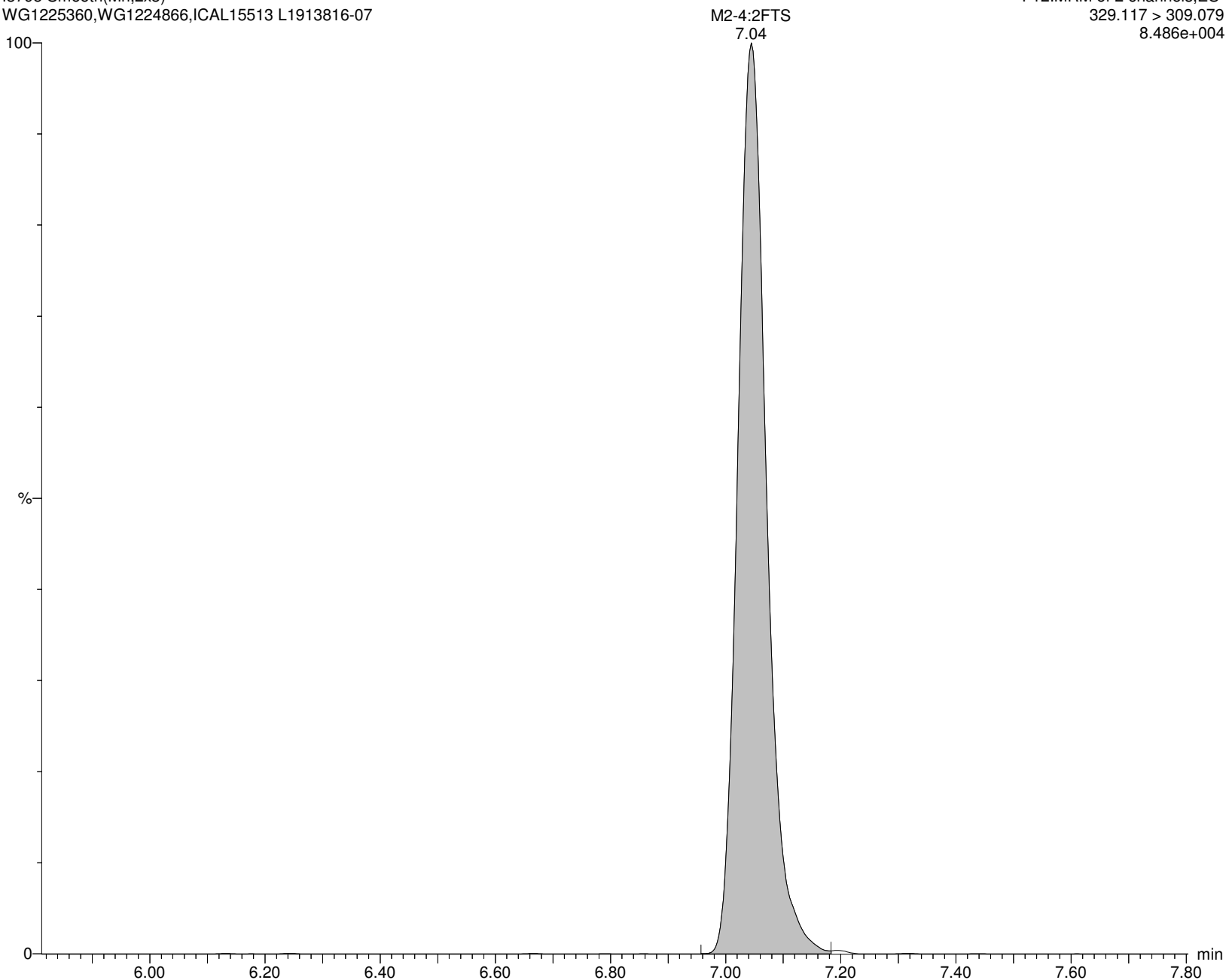
I3795 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-07

F12:MRM of 2 channels,ES-

329.117 > 309.079

8.486e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxA

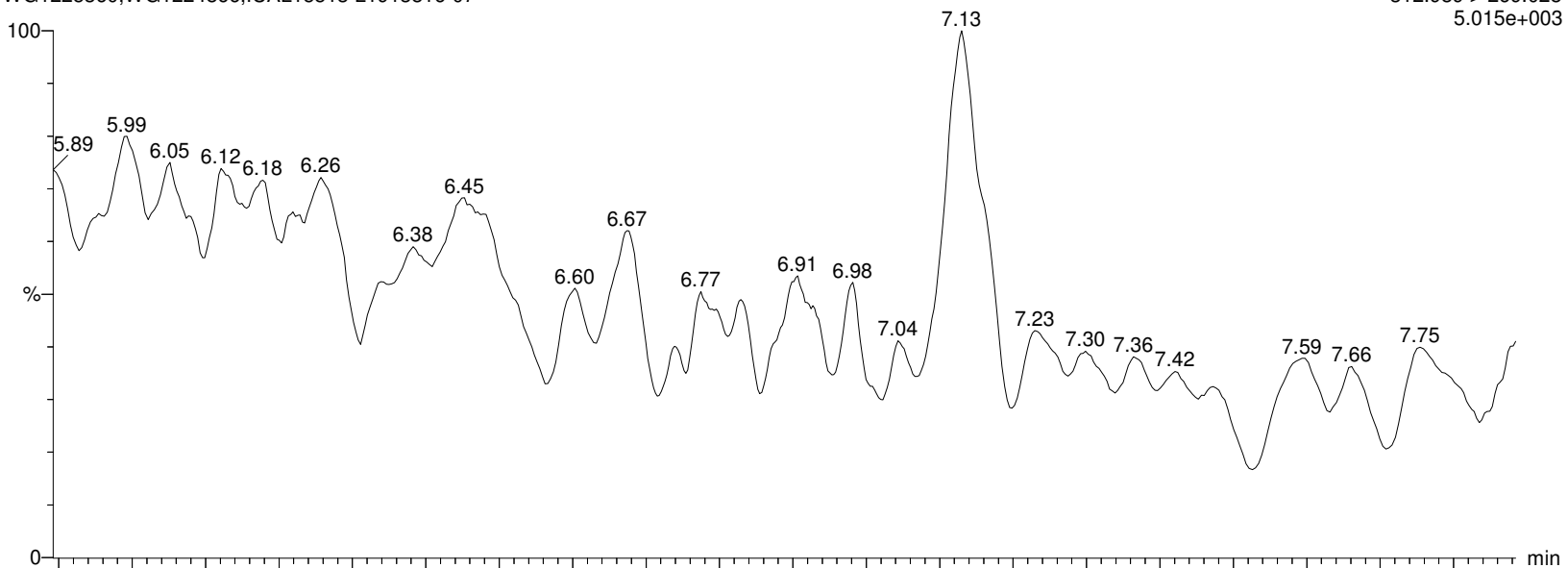
I3795 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-07

F8:MRM of 2 channels,ES-

312.989 > 269.028

5.015e+003



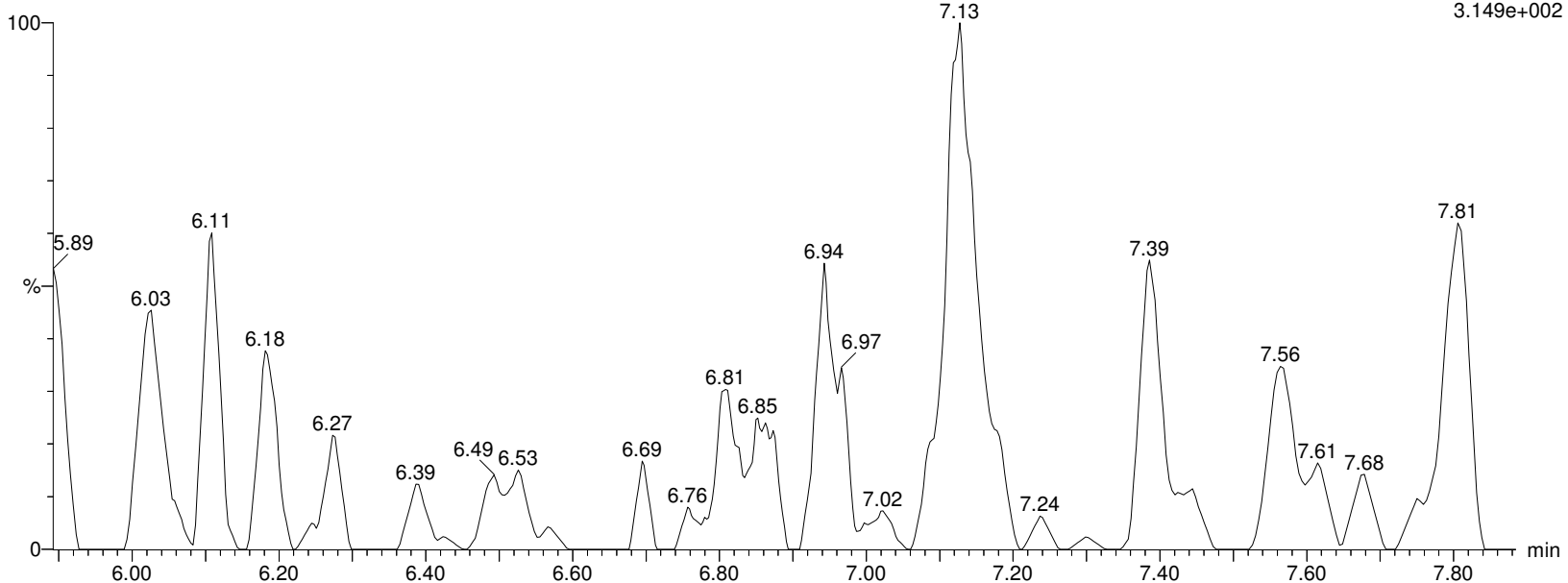
I3795 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-07

F8:MRM of 2 channels,ES-

312.989 > 119.18

3.149e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFHxA

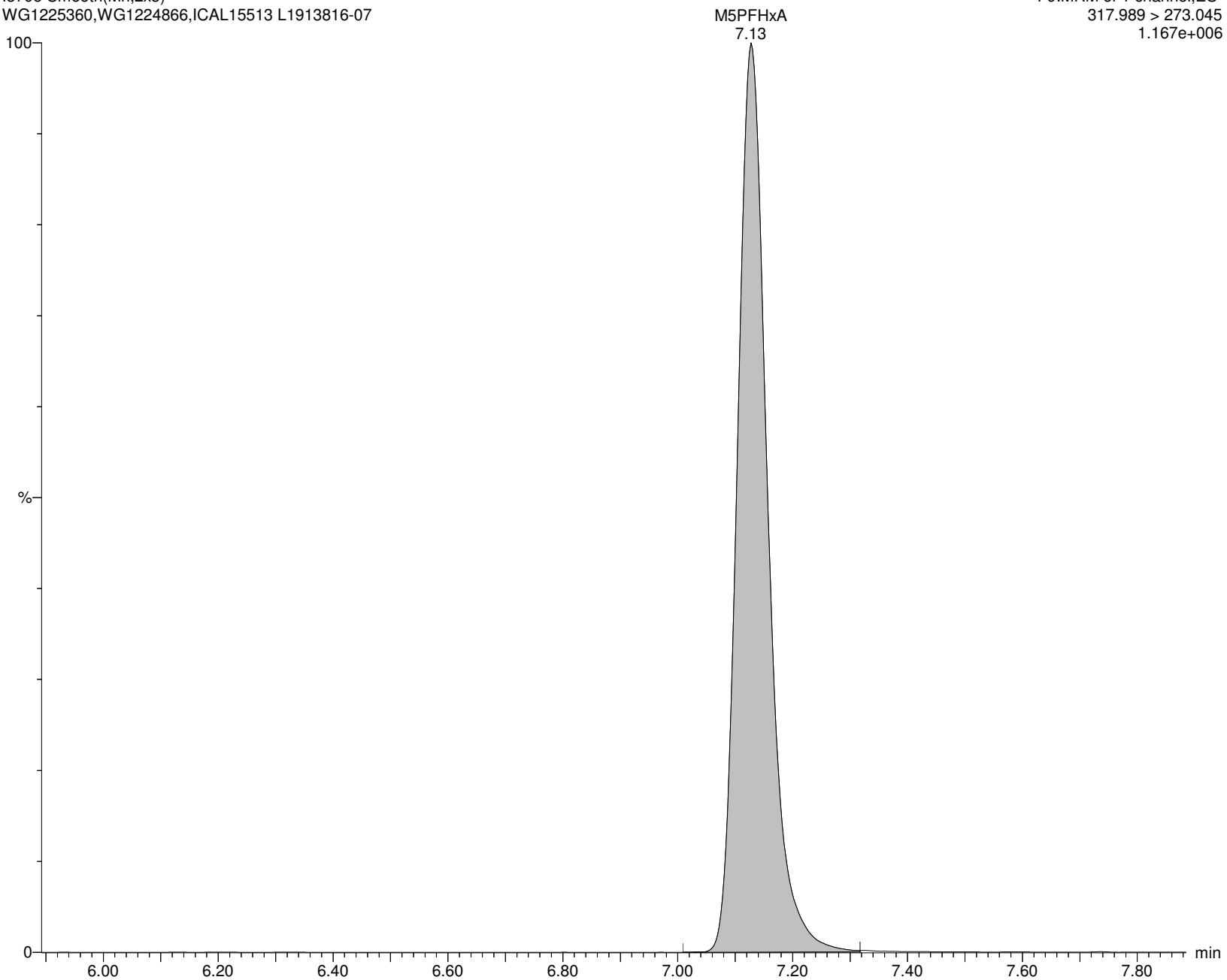
I3795 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-07

F9:MRM of 1 channel,ES-

317.989 > 273.045

1.167e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeS

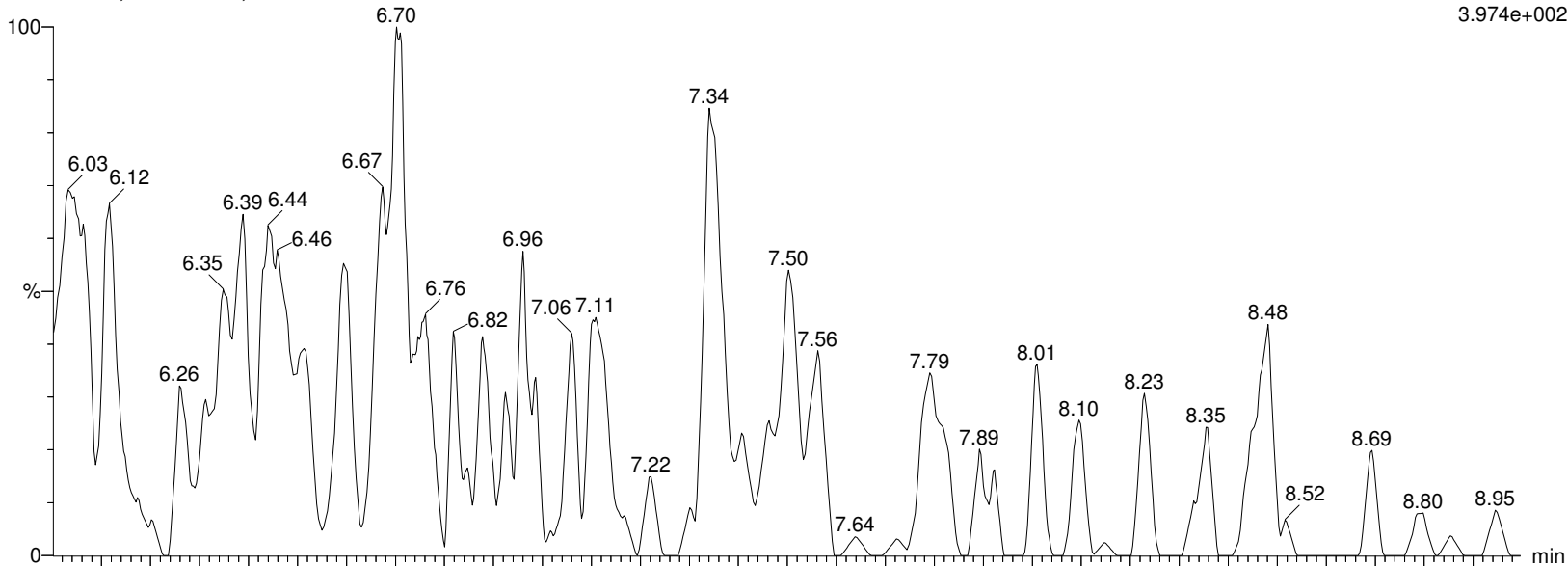
I3795 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-07

F14:MRM of 2 channels,ES-

348.926 > 80.251

3.974e+002



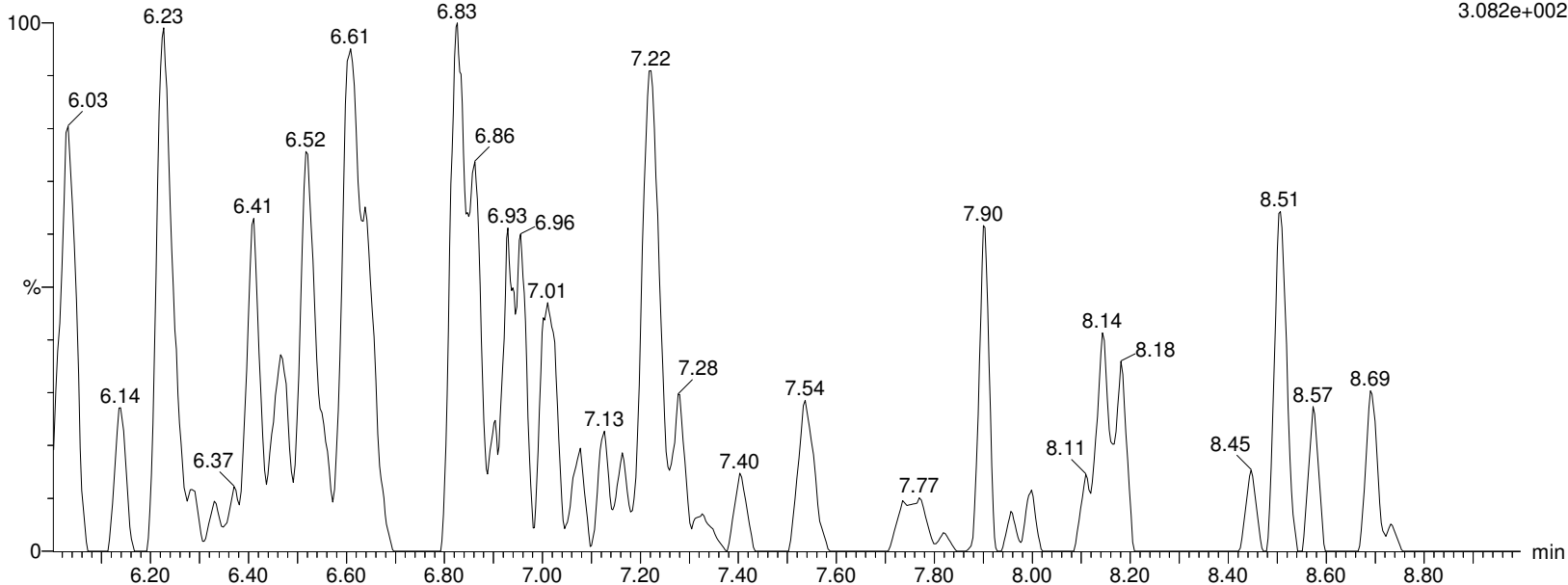
I3795 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-07

F14:MRM of 2 channels,ES-

348.926 > 99.16

3.082e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpA

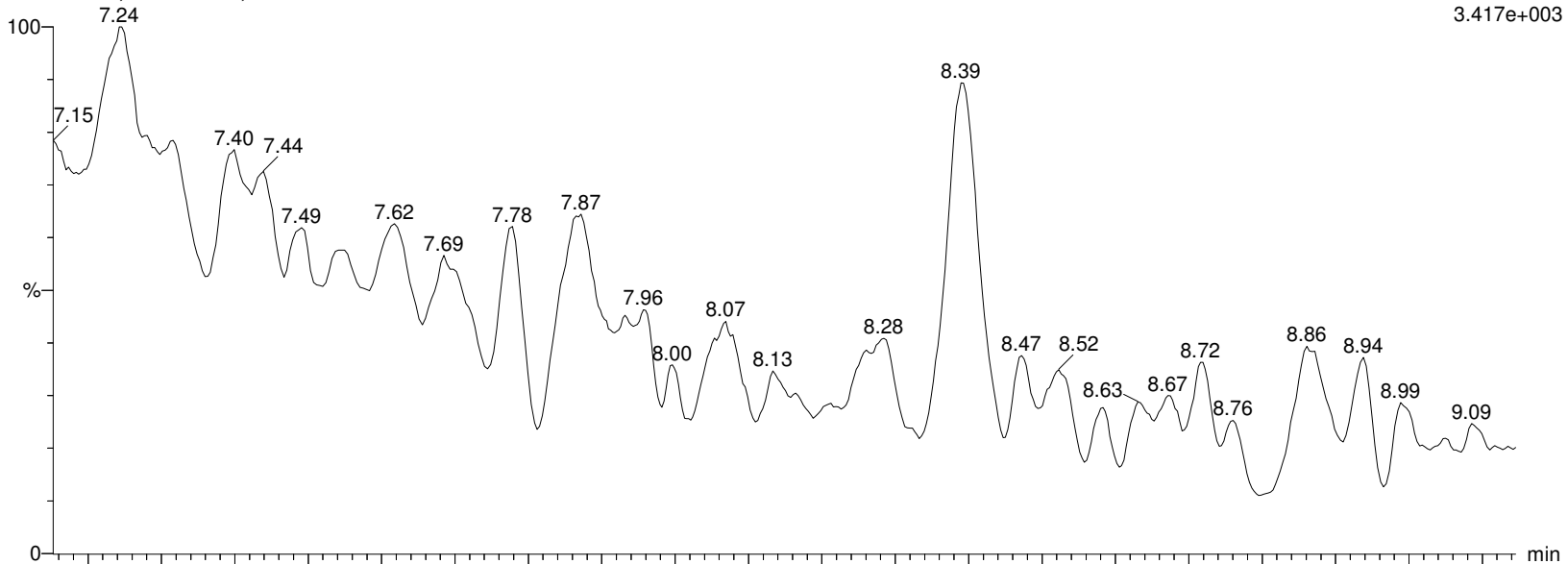
I3795 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 L1913816-07

F15:MRM of 2 channels, ES-

362.926 > 319.014

3.417e+003



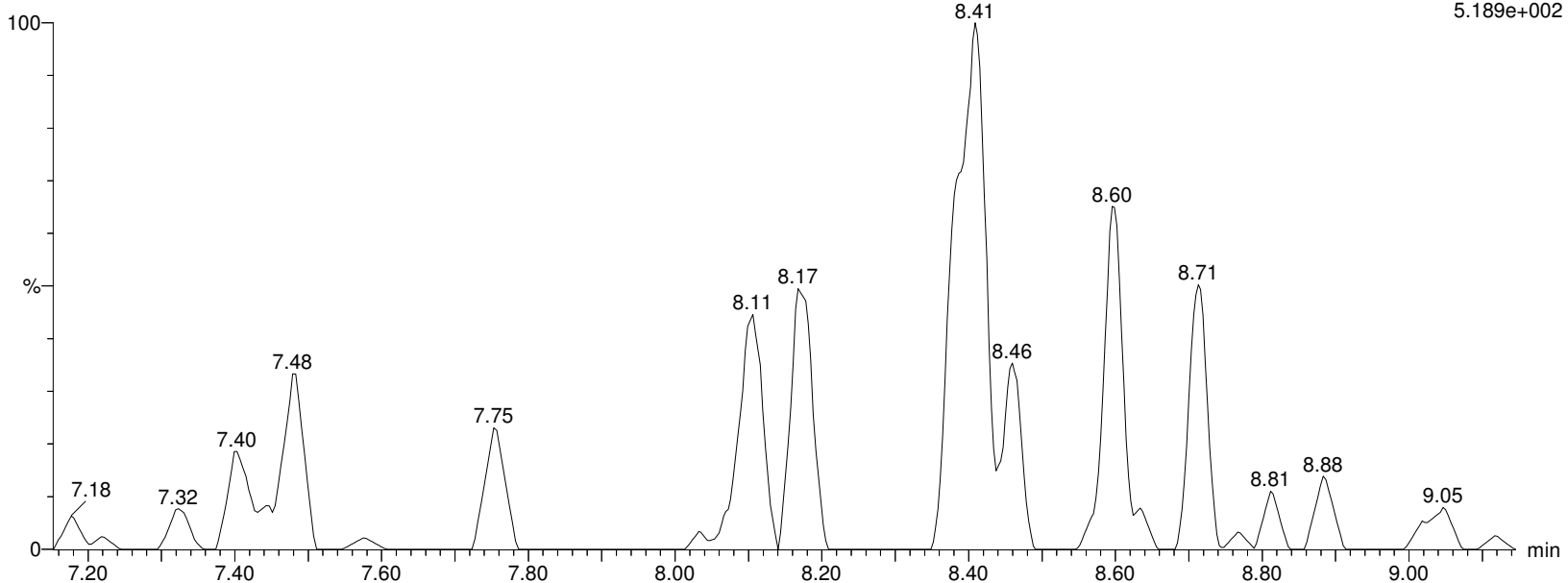
I3795 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 L1913816-07

F15:MRM of 2 channels, ES-

362.926 > 169.12

5.189e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFHpA

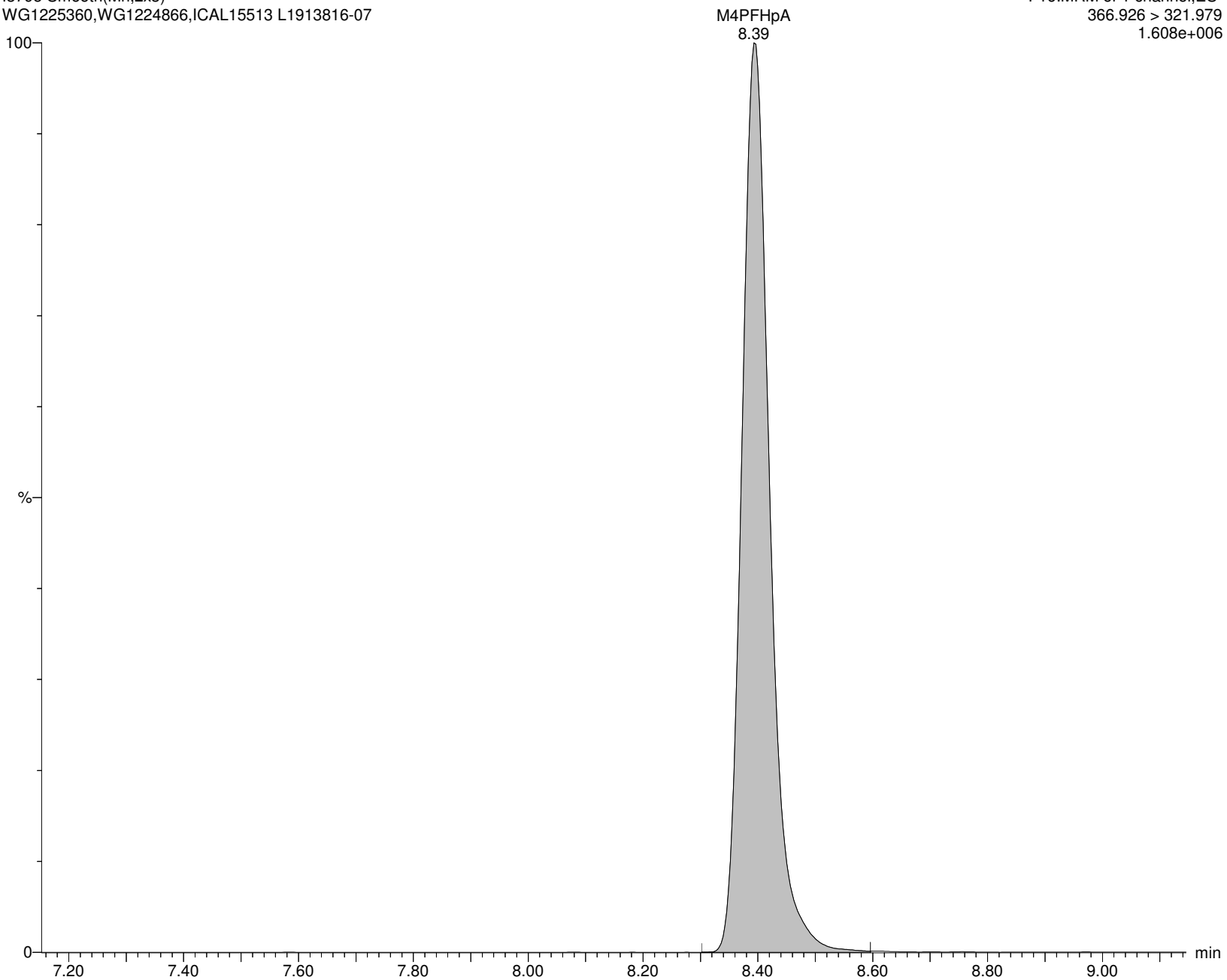
I3795 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-07

F16:MRM of 1 channel,ES-

366.926 > 321.979

1.608e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFHxS

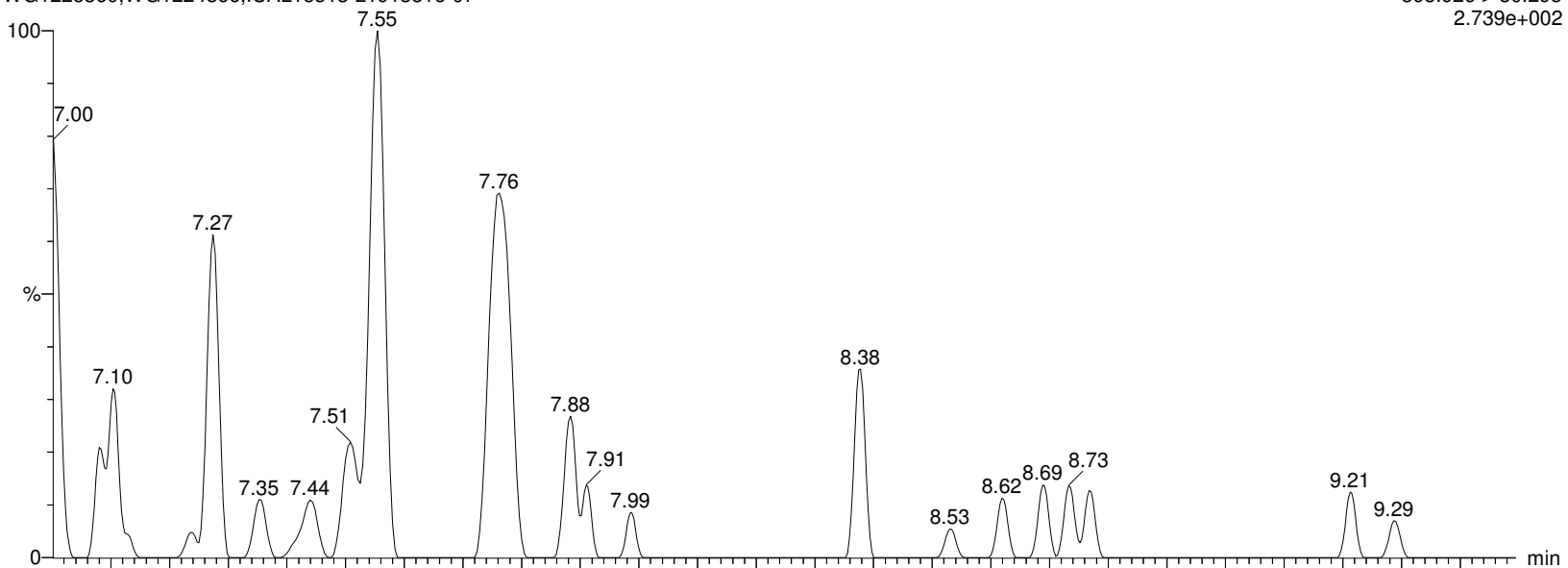
I3795 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-07

F18:MRM of 2 channels,ES-

398.926 > 80.295

2.739e+002



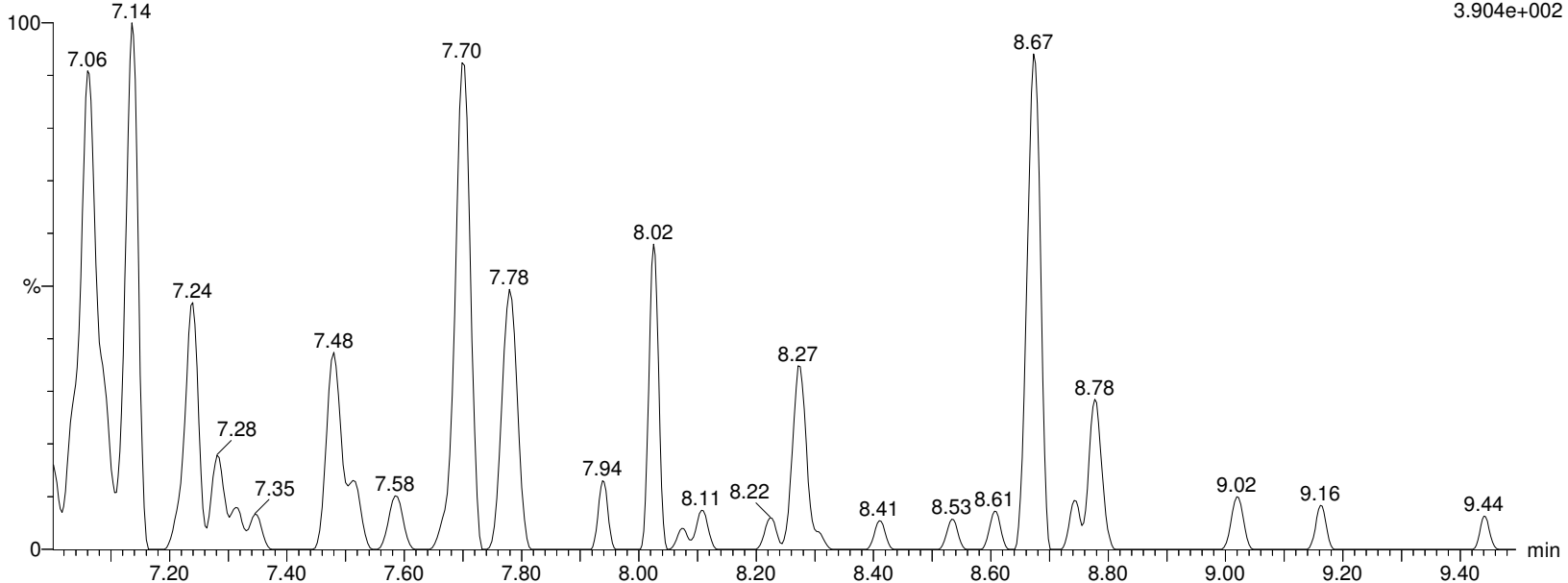
I3795 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-07

F18:MRM of 2 channels,ES-

398.926 > 99.2

3.904e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFHxS

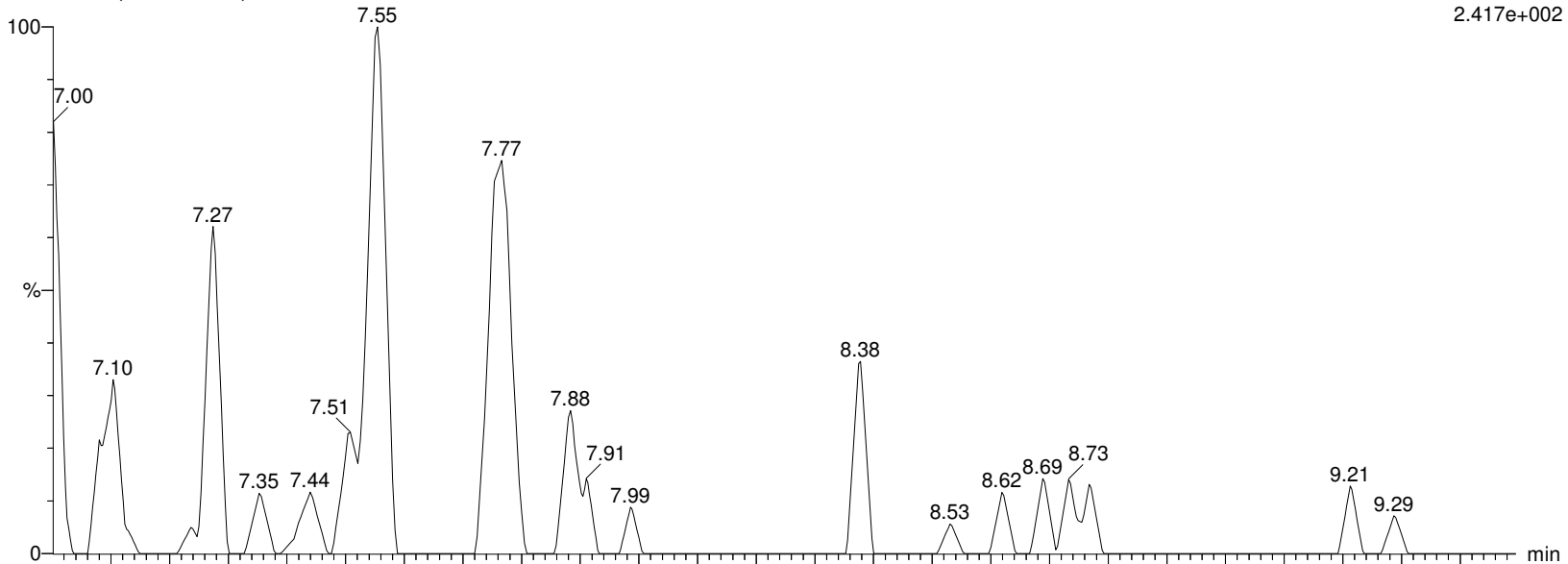
I3795 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 L1913816-07

F18:MRM of 2 channels, ES-

398.926 > 80.295

2.417e+002



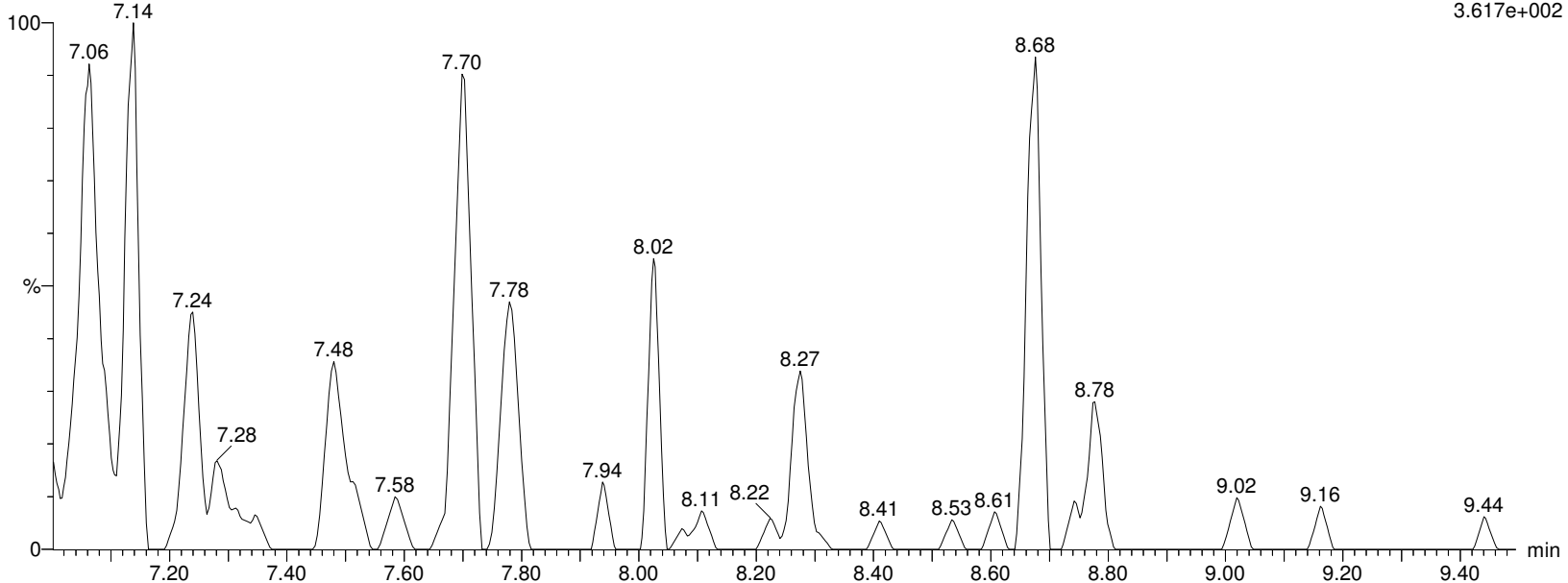
I3795 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 L1913816-07

F18:MRM of 2 channels, ES-

398.926 > 99.2

3.617e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxS

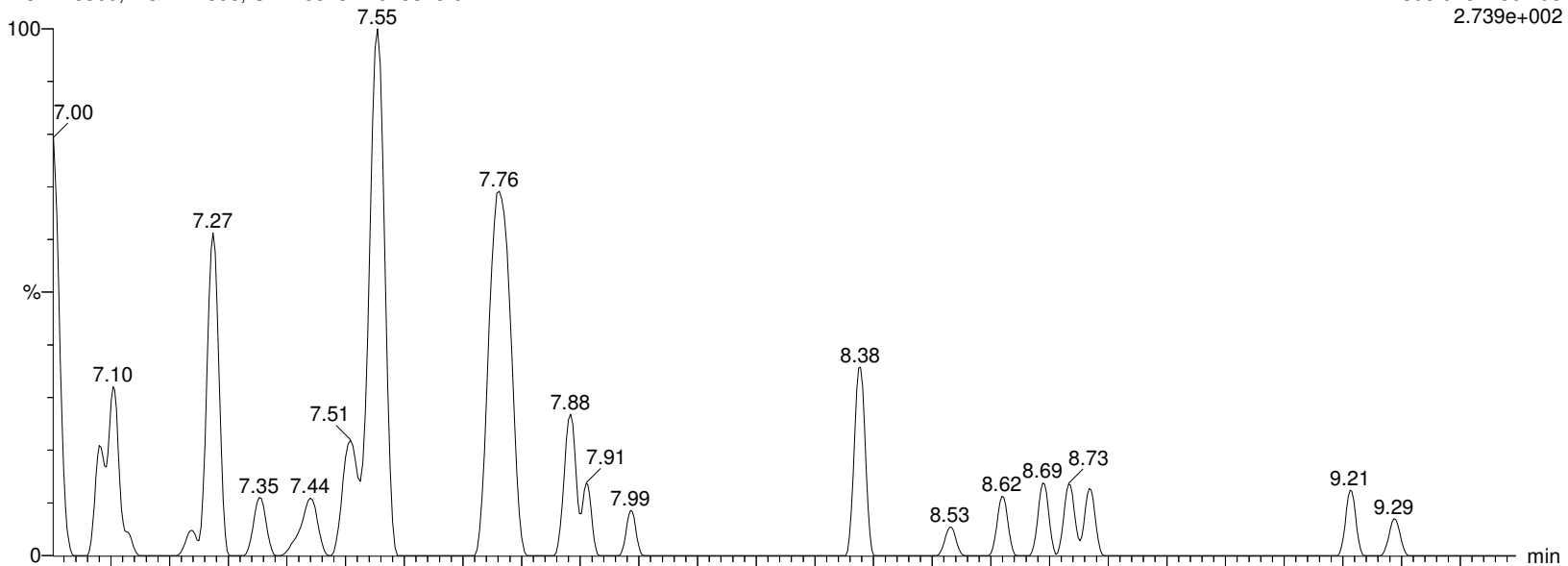
I3795 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-07

F18:MRM of 2 channels,ES-

398.926 > 80.295

2.739e+002



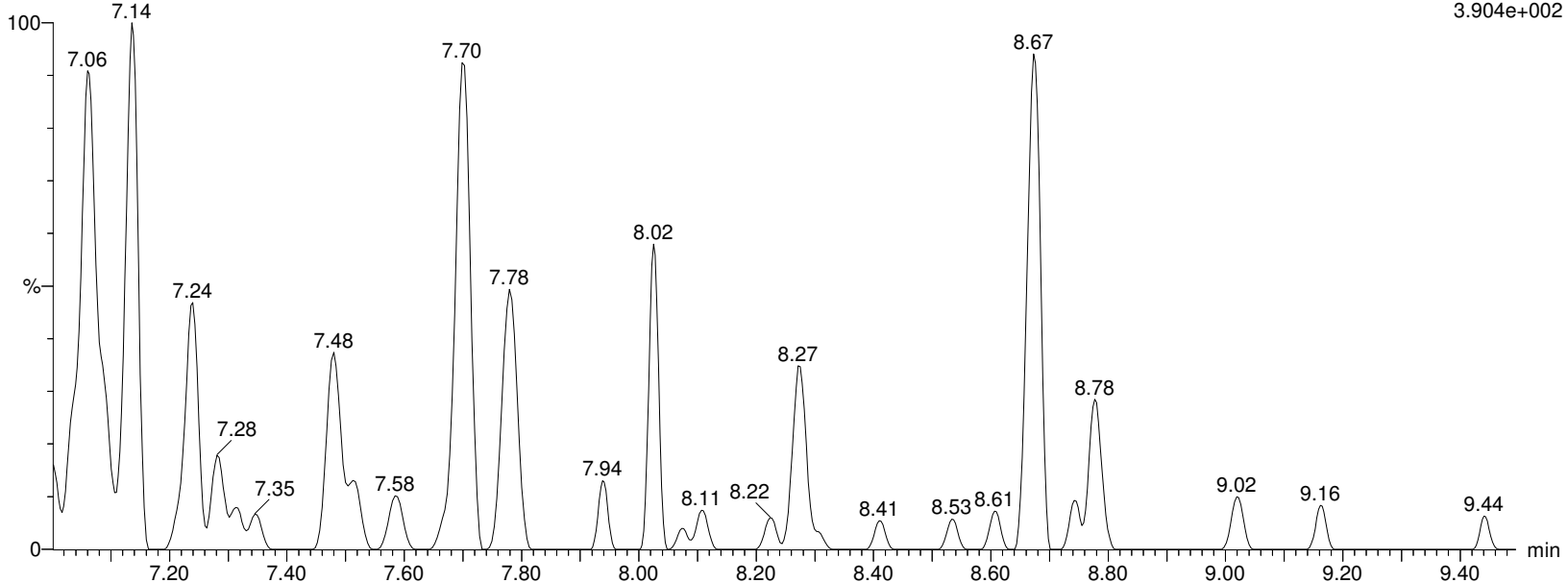
I3795 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-07

F18:MRM of 2 channels,ES-

398.926 > 99.2

3.904e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFHxS

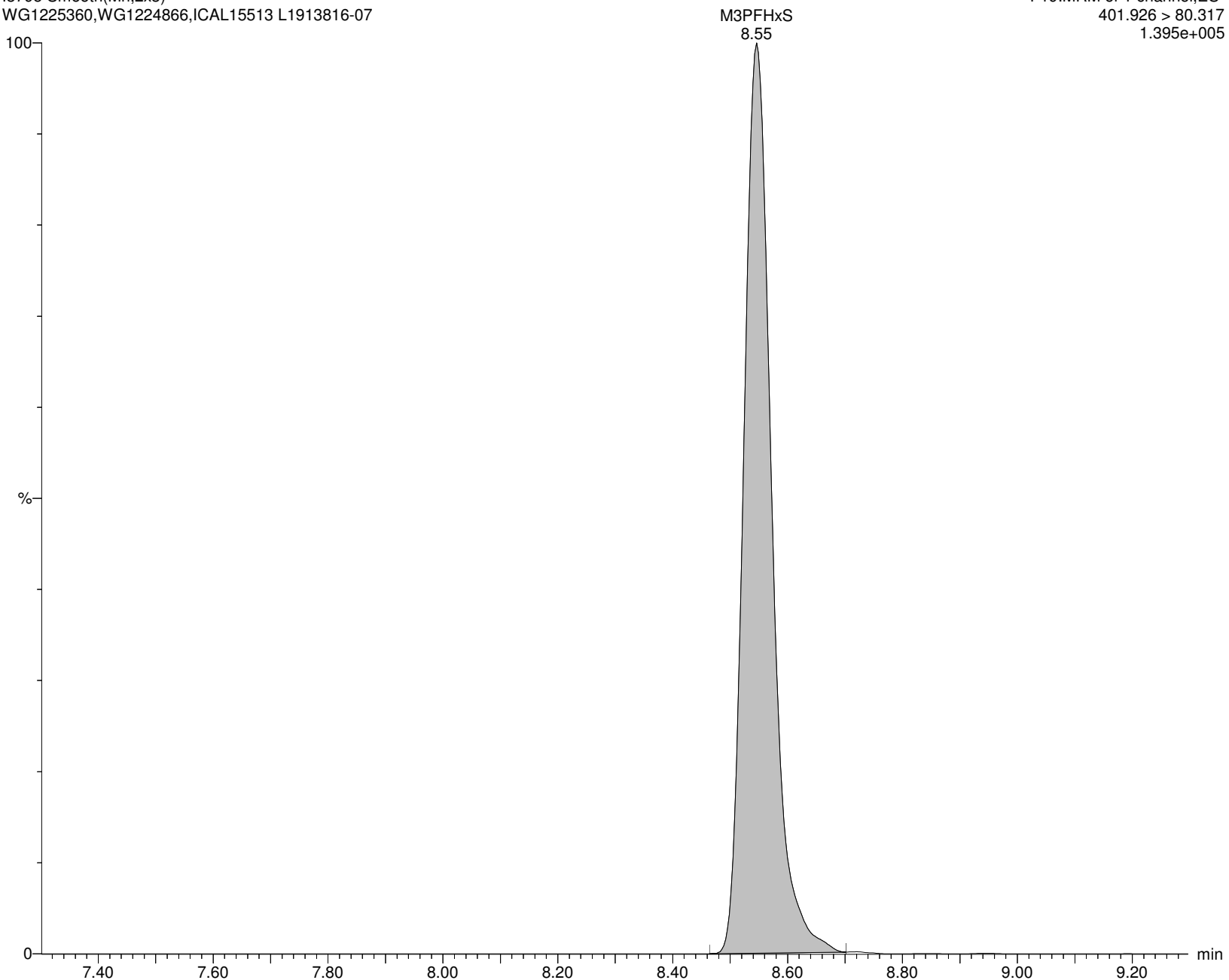
I3795 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-07

F19:MRM of 1 channel,ES-

401.926 > 80.317

1.395e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOA

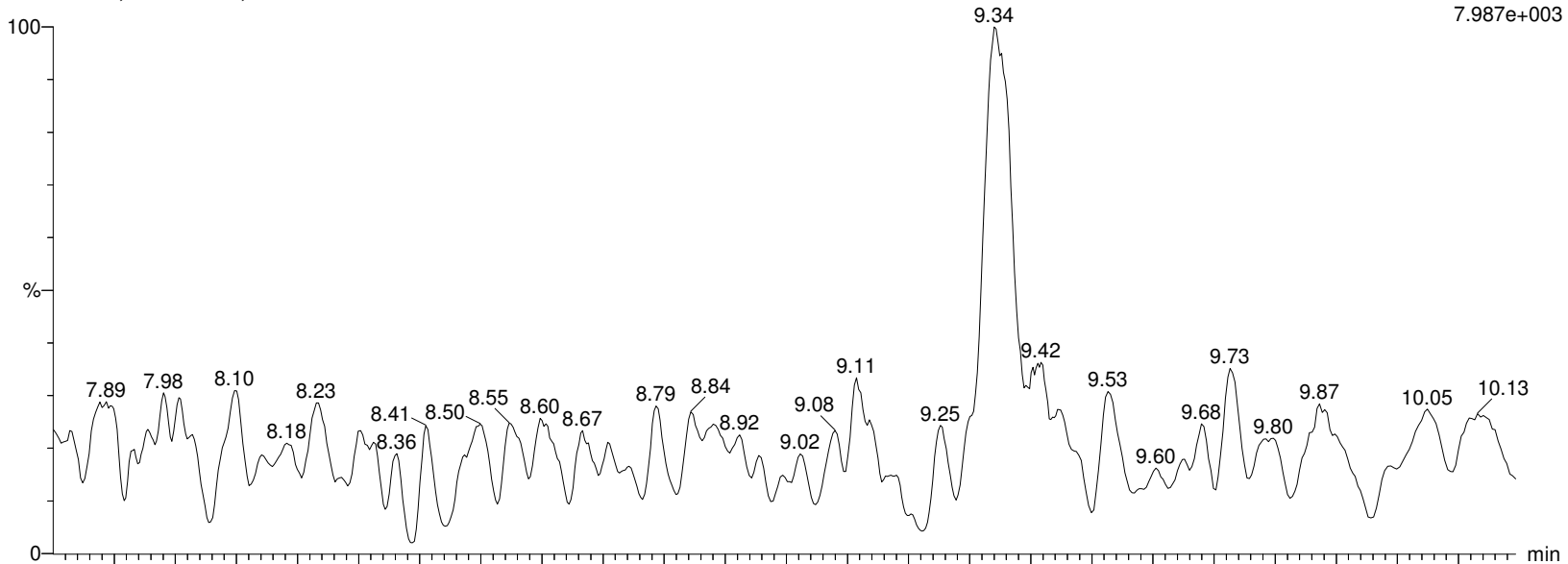
I3795 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-07

F20:MRM of 2 channels,ES-

412.989 > 368.9

7.987e+003



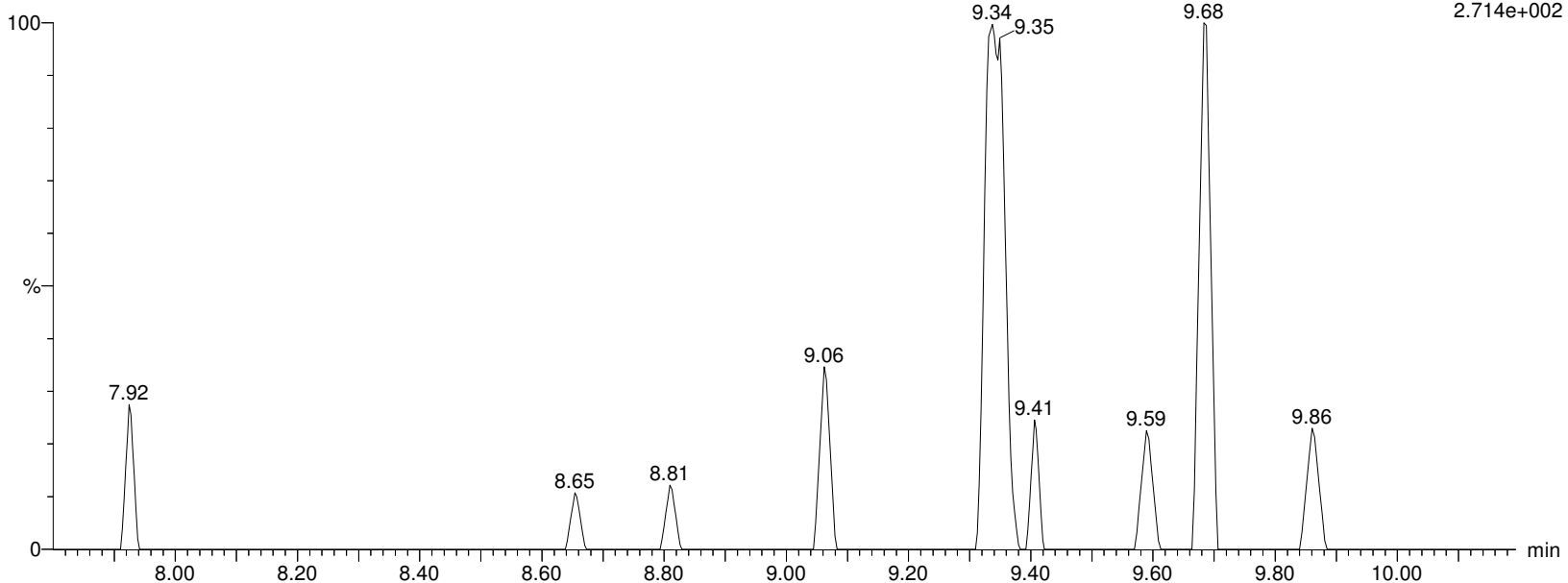
I3795 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-07

F20:MRM of 2 channels,ES-

412.989 > 219.08

2.714e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOA

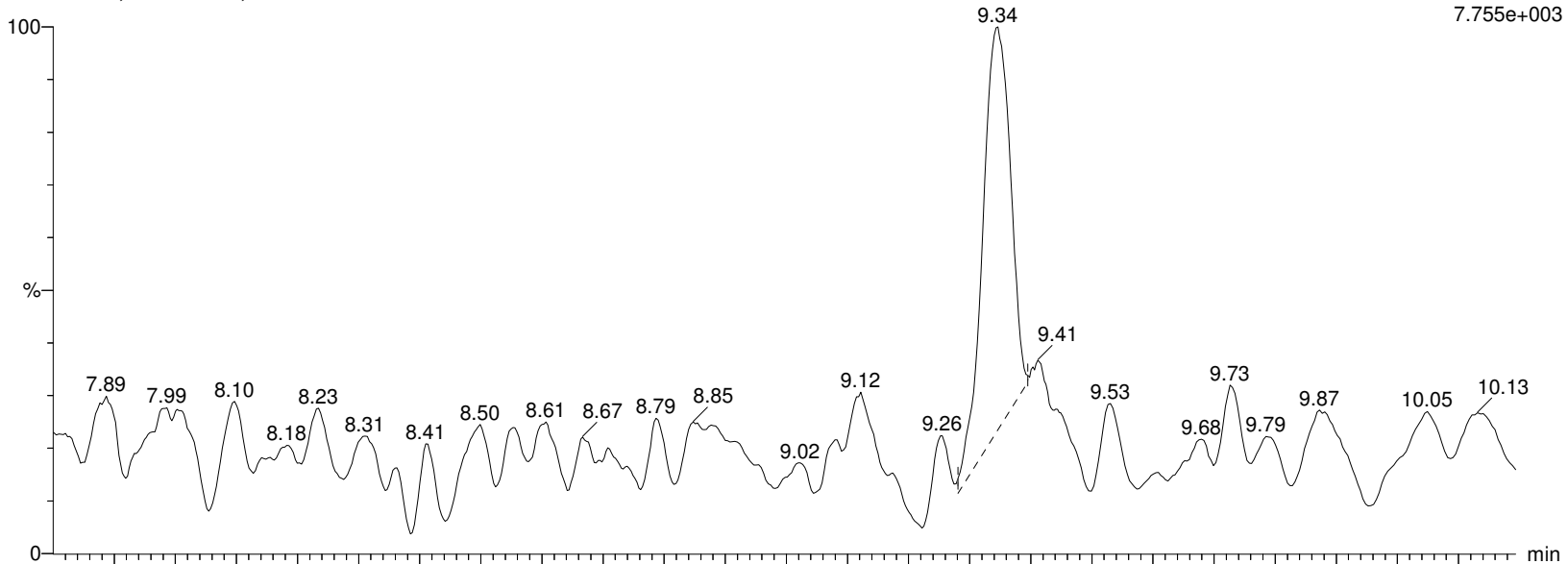
I3795 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-07

F20:MRM of 2 channels,ES-

412.989 > 368.9

7.755e+003



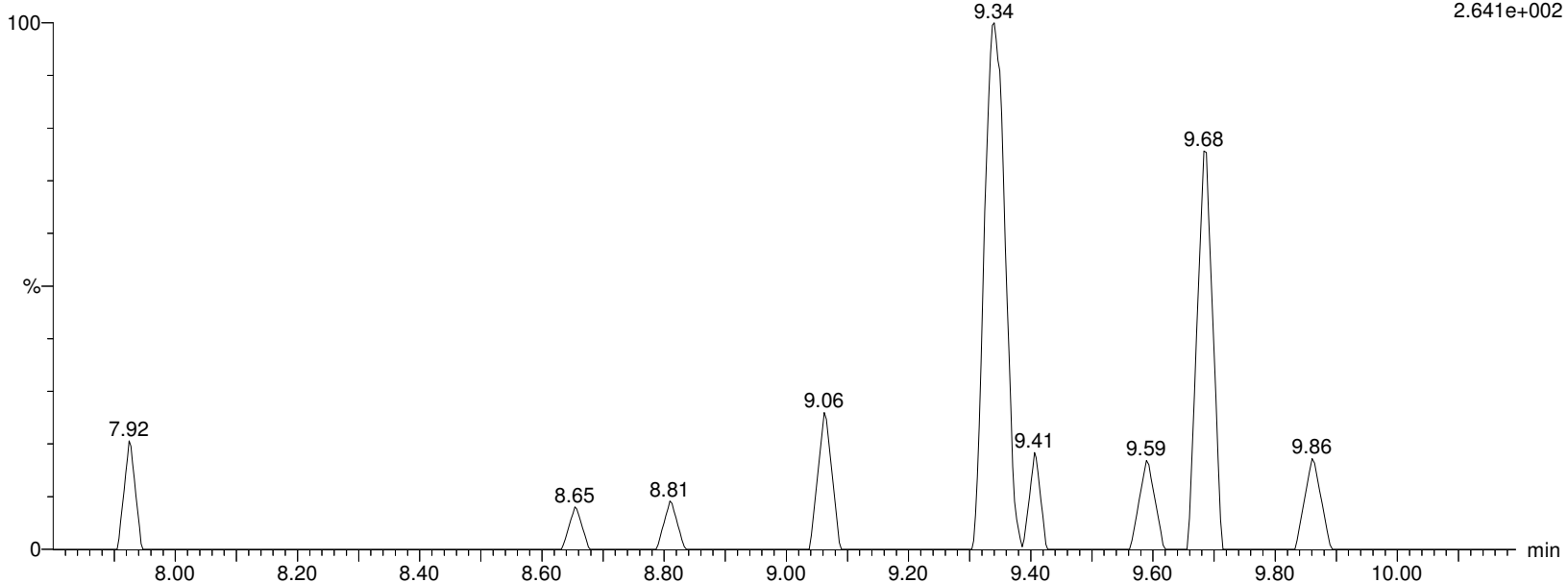
I3795 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-07

F20:MRM of 2 channels,ES-

412.989 > 219.08

2.641e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFOA

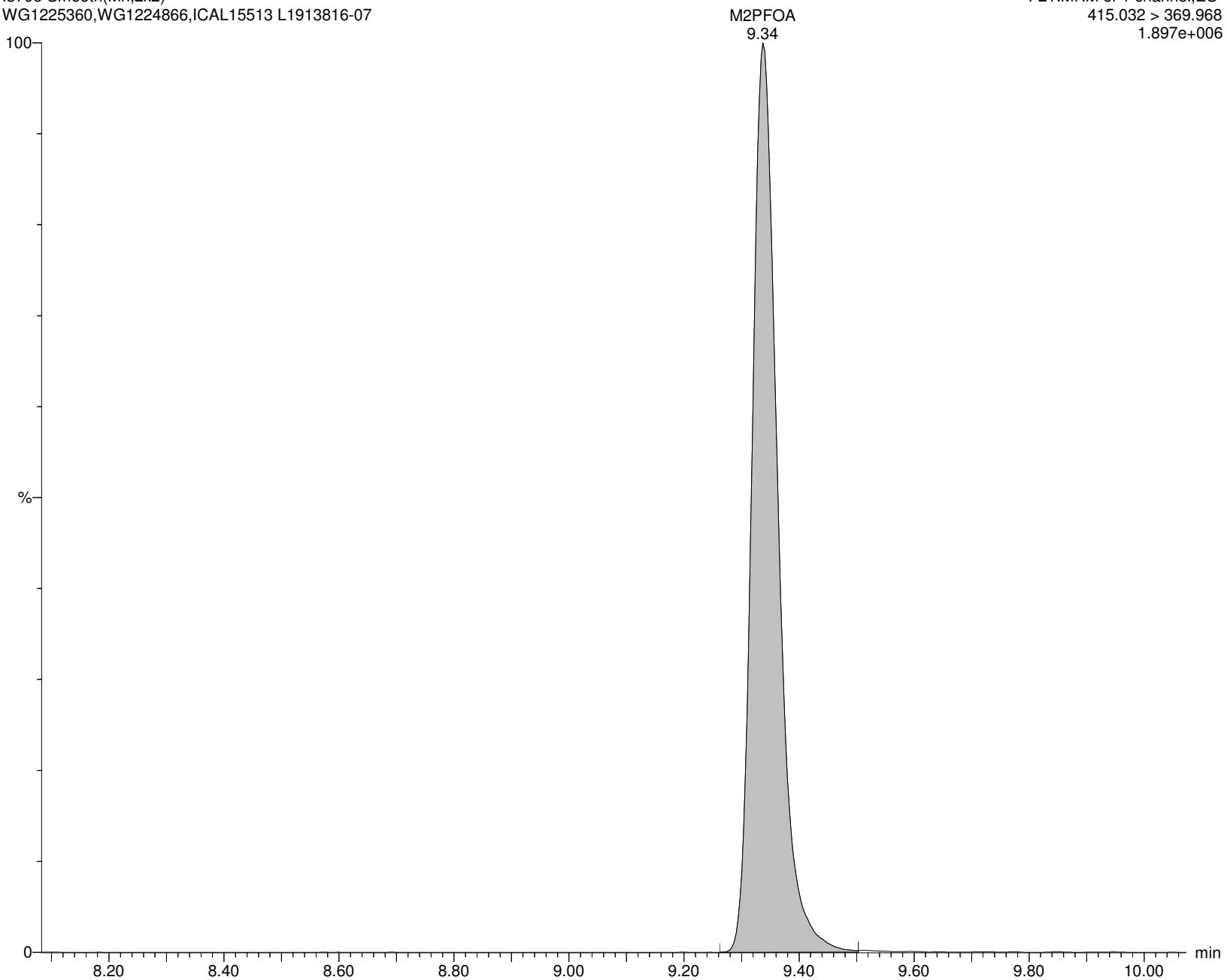
I3795 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-07

F21:MRM of 1 channel,ES-

415.032 > 369.968

1.897e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOA

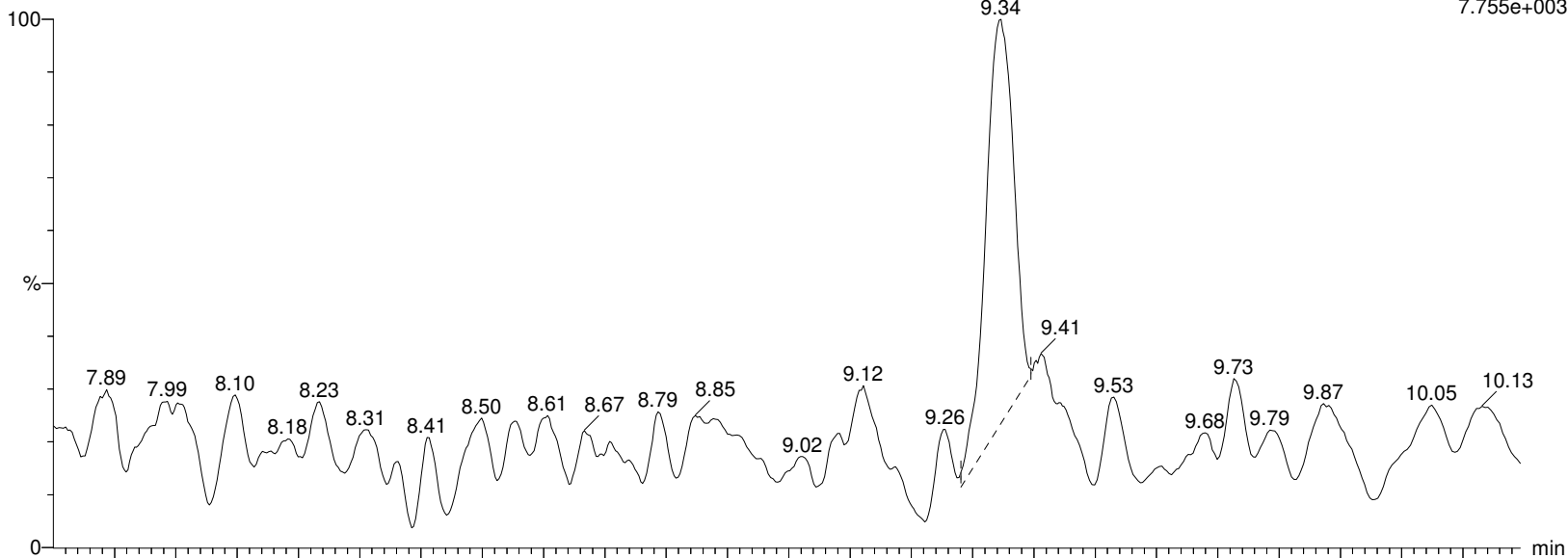
I3795 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-07

F20:MRM of 2 channels,ES-

412.989 > 368.9

7.755e+003



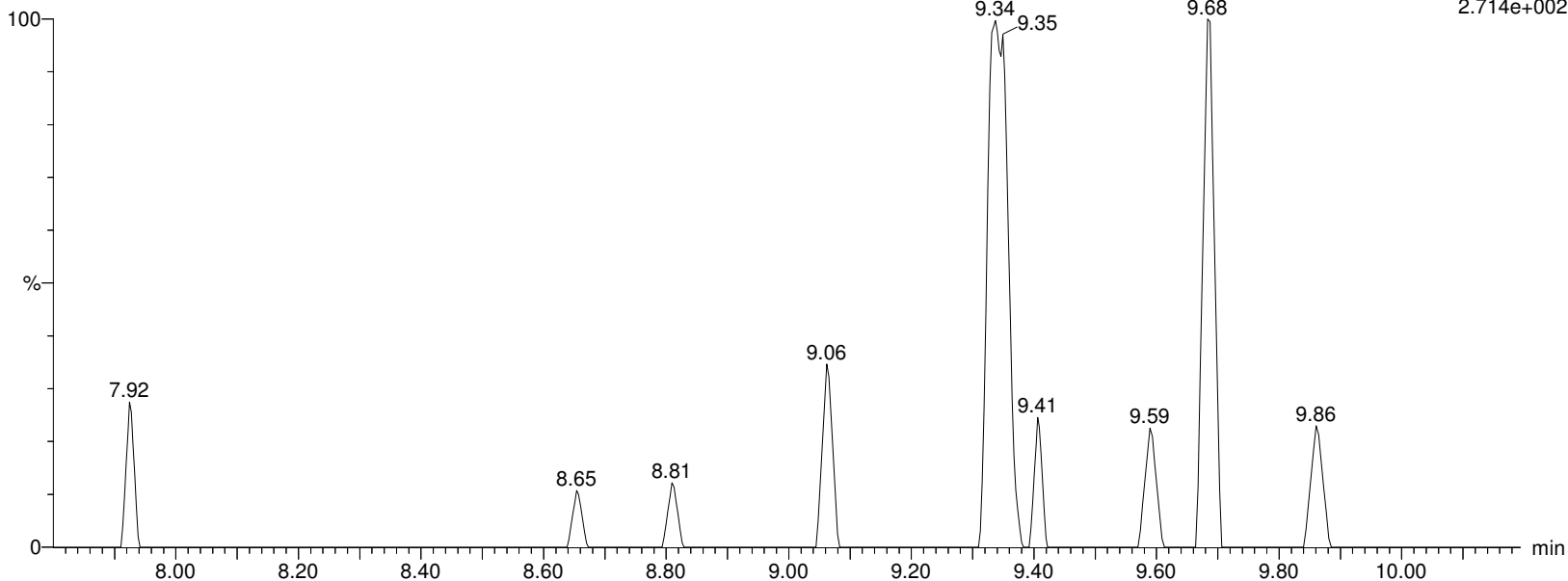
I3795 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-07

F20:MRM of 2 channels,ES-

412.989 > 219.08

2.714e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOA

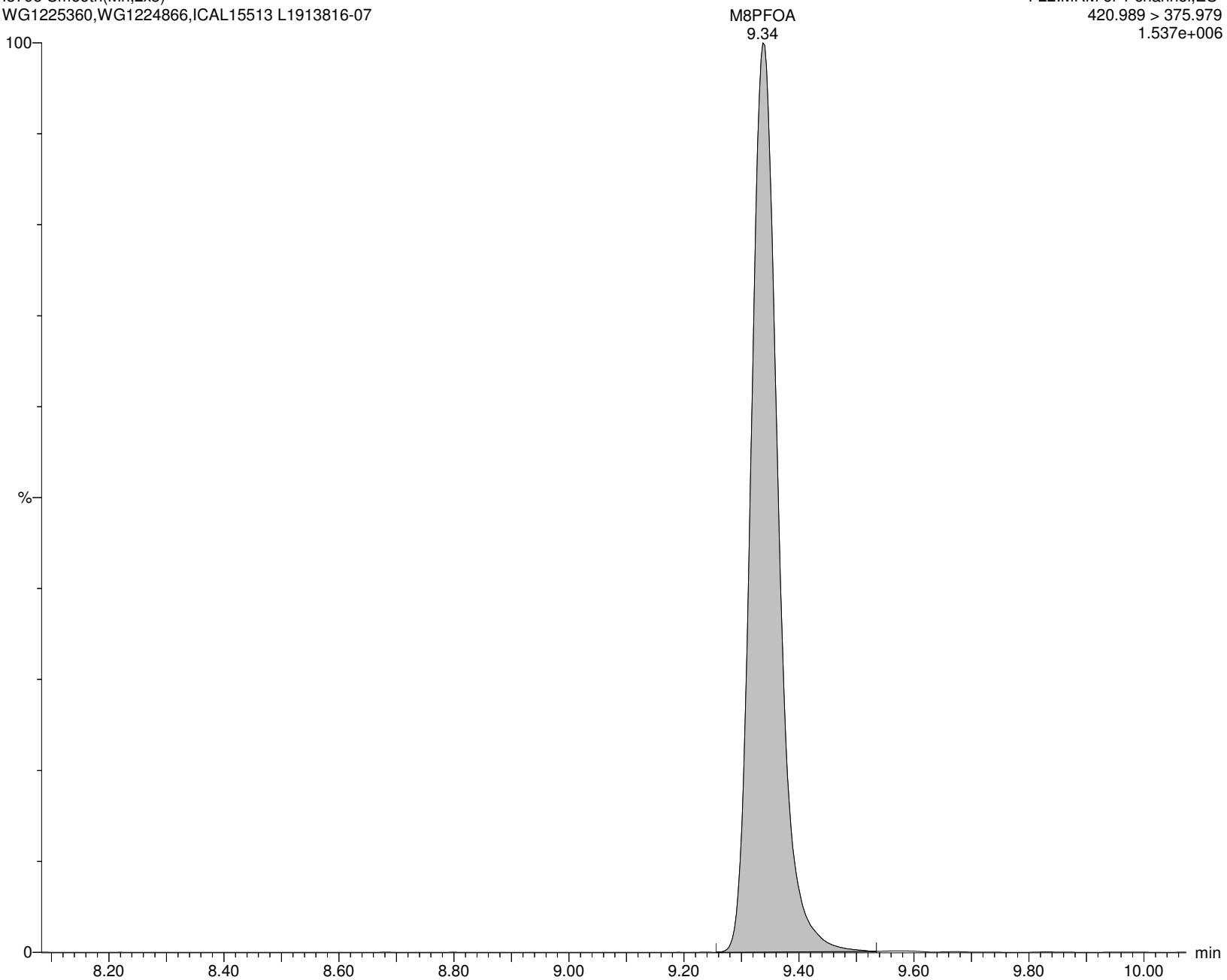
I3795 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-07

F22:MRM of 1 channel,ES-

420.989 > 375.979

1.537e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

6:2FTS

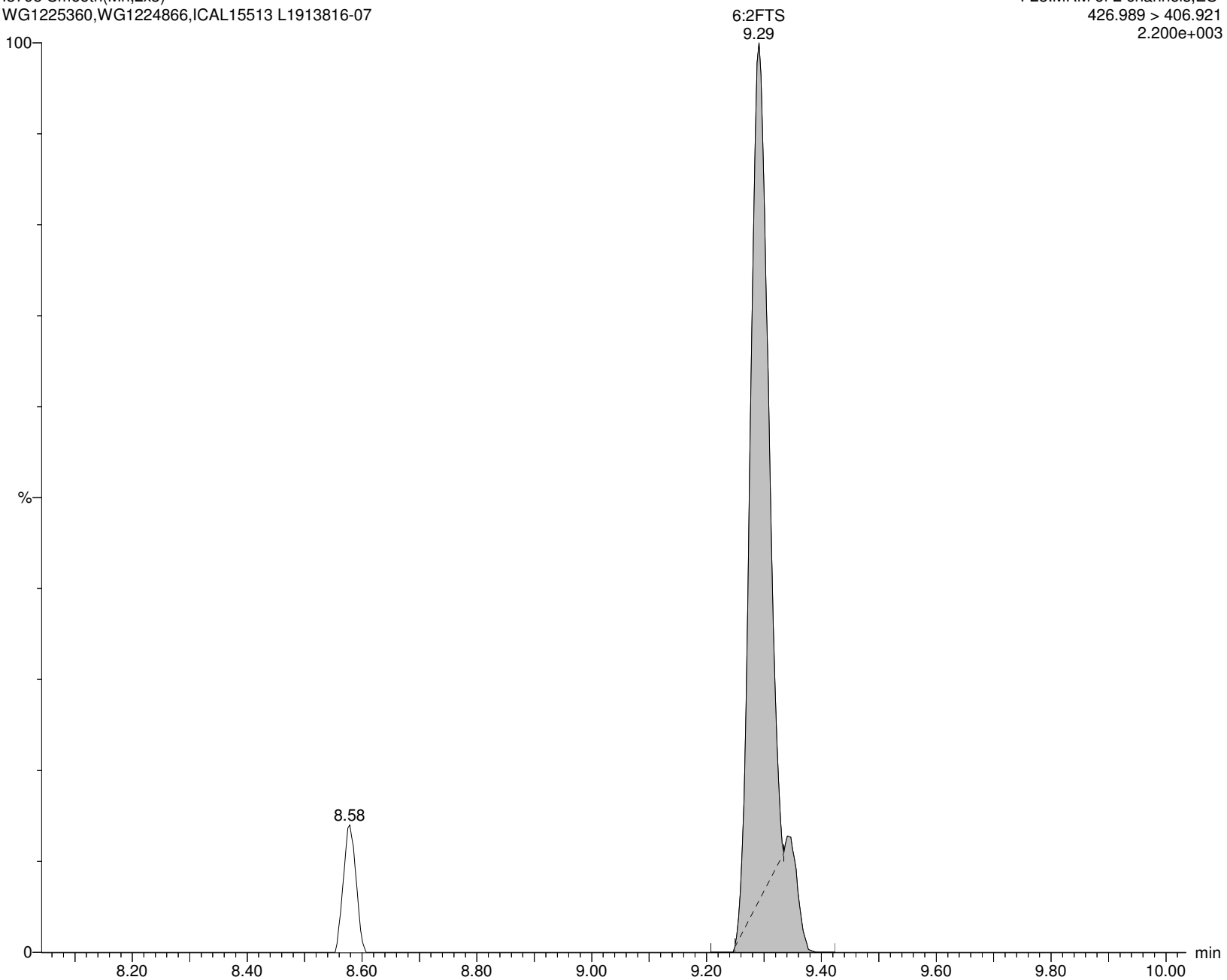
I3795 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-07

F23:MRM of 2 channels,ES-

426.989 > 406.921

2.200e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-6:2FTS

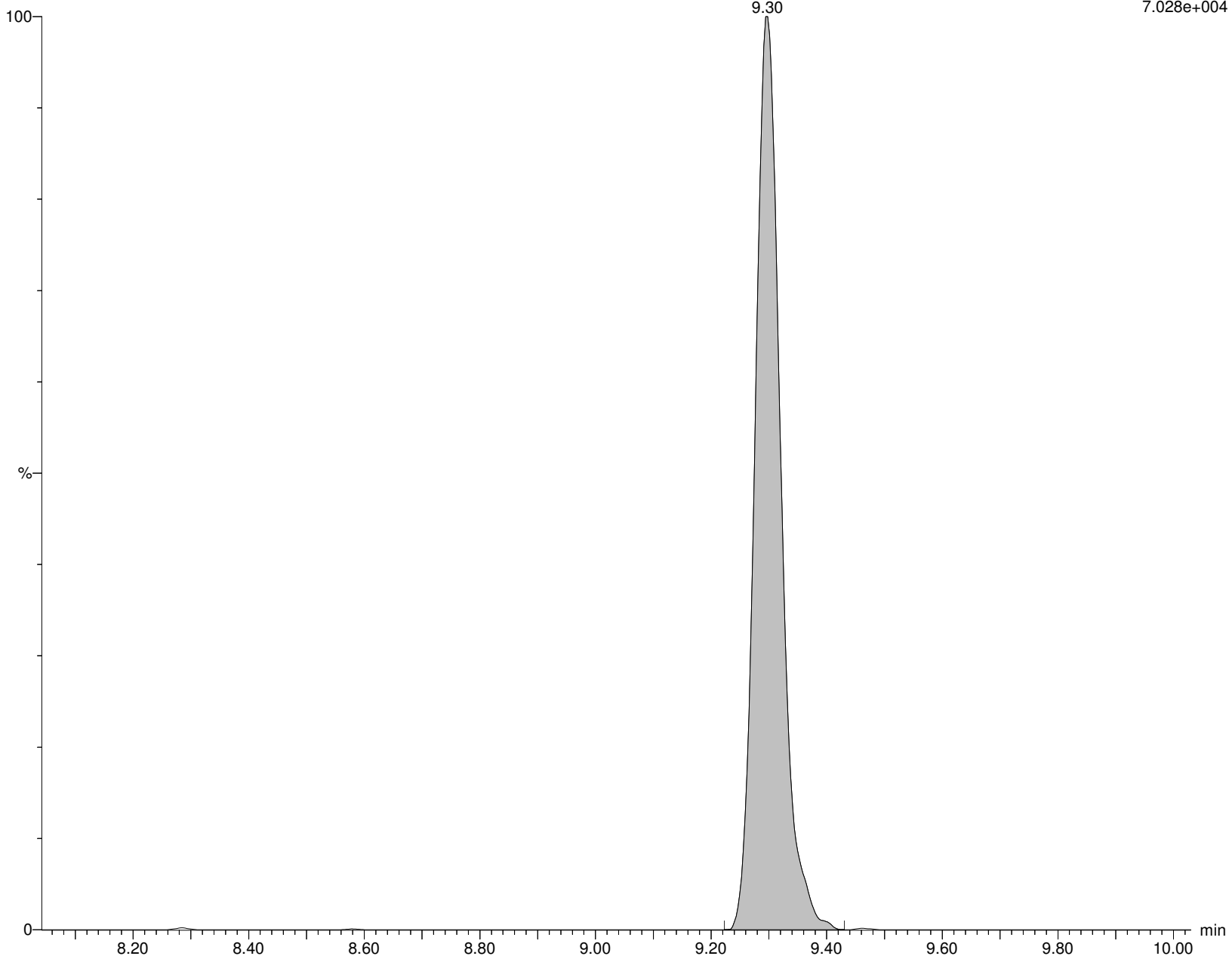
I3795 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-07

F24:MRM of 1 channel,ES-

428.989 > 408.917

7.028e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpS

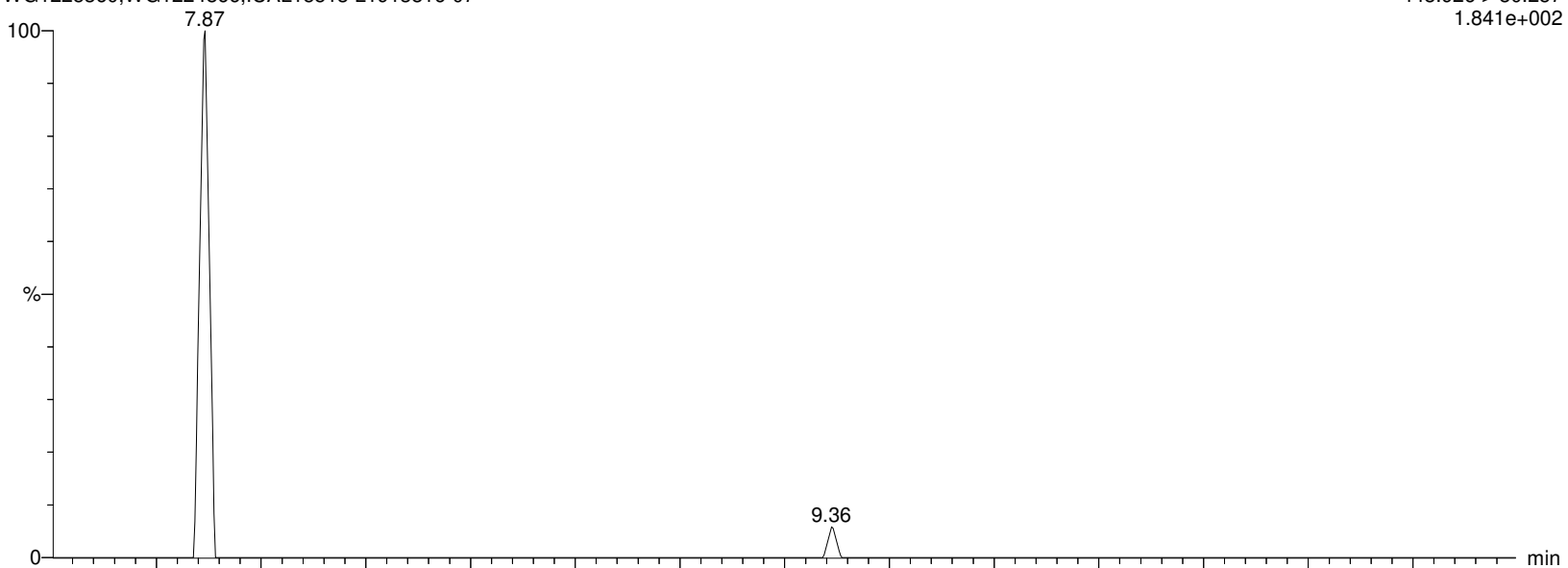
I3795 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-07

F25:MRM of 2 channels,ES-

448.926 > 80.257

1.841e+002



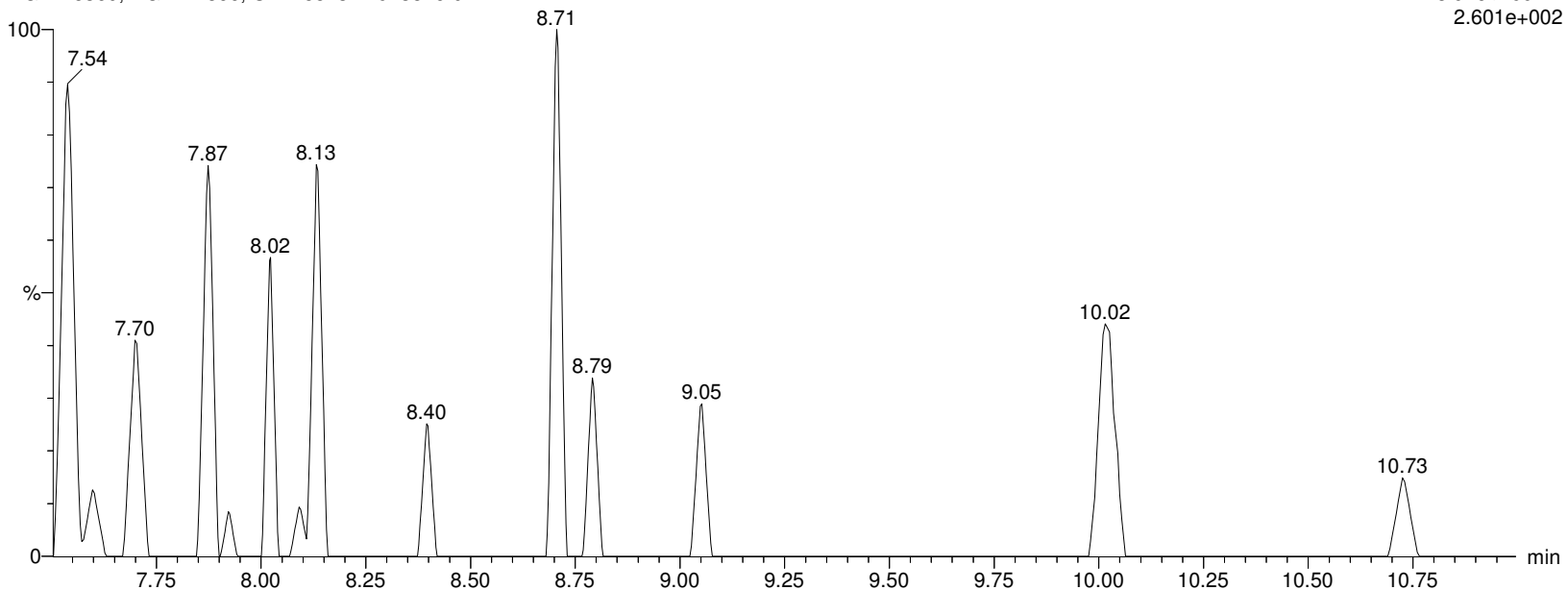
I3795 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-07

F25:MRM of 2 channels,ES-

448.926 > 99.22

2.601e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNA

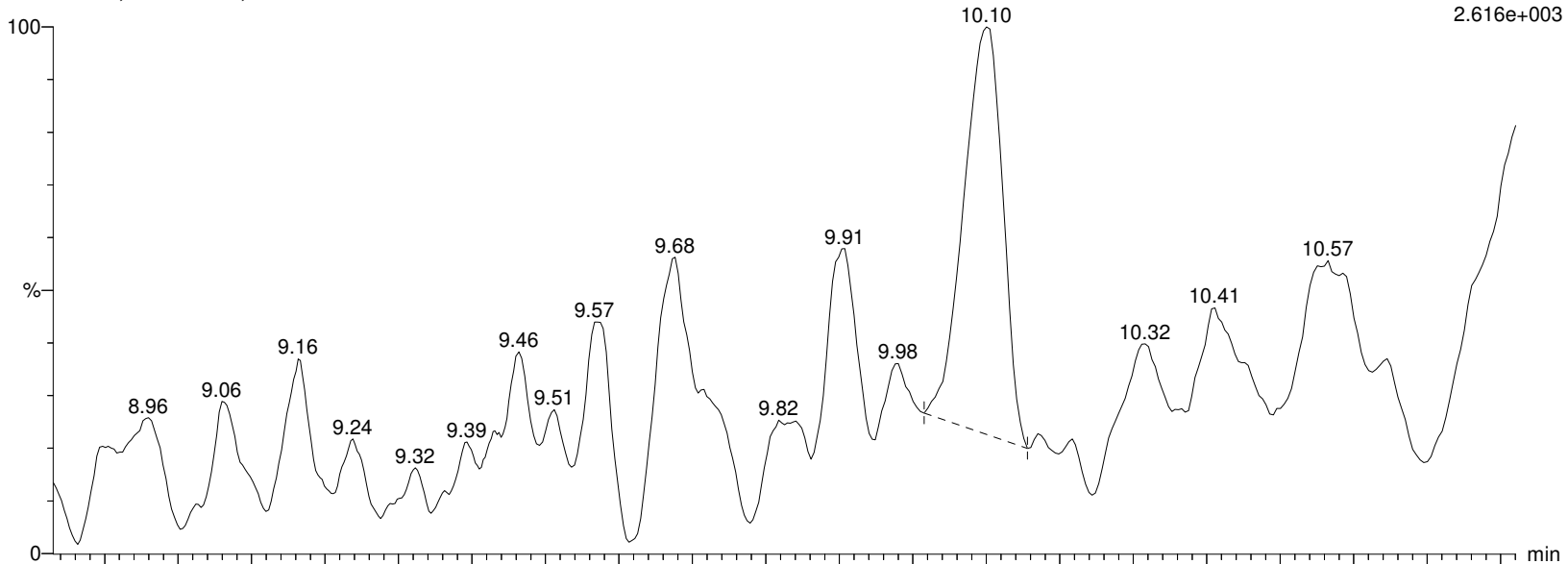
I3795 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-07

F26:MRM of 2 channels,ES-

462.989 > 418.931

2.616e+003



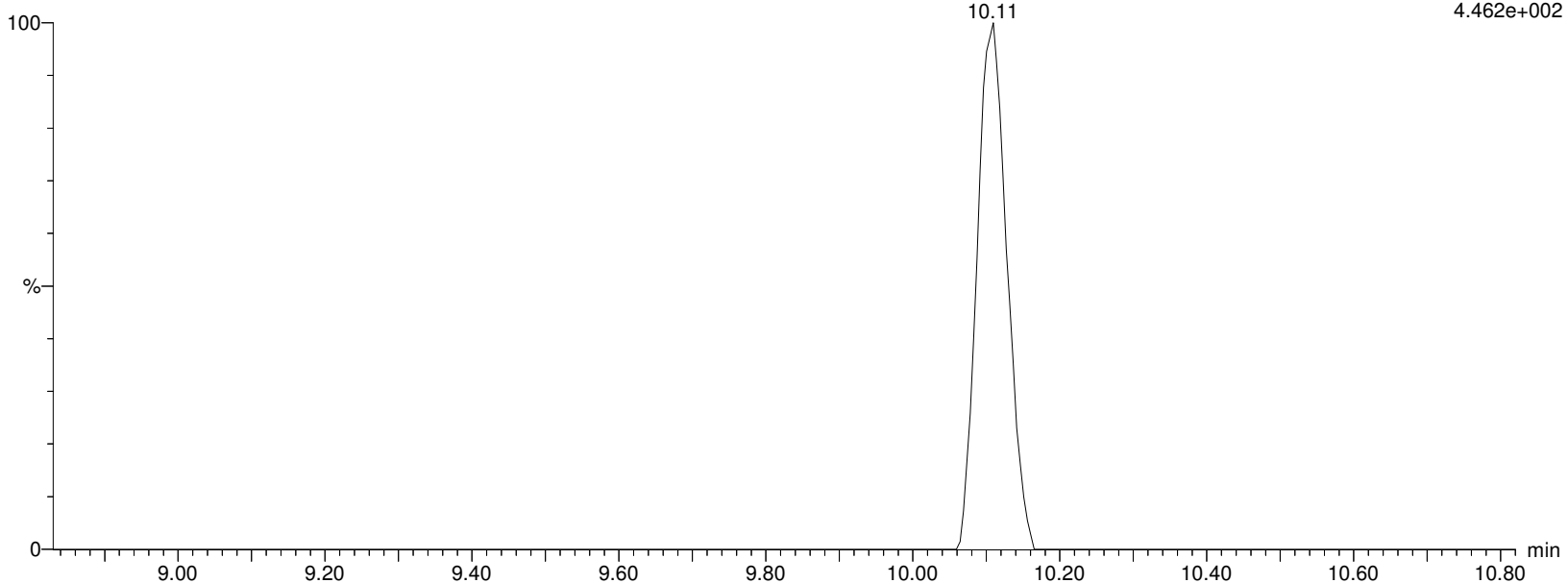
I3795 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-07

F26:MRM of 2 channels,ES-

462.989 > 219.04

4.462e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M9PFNA

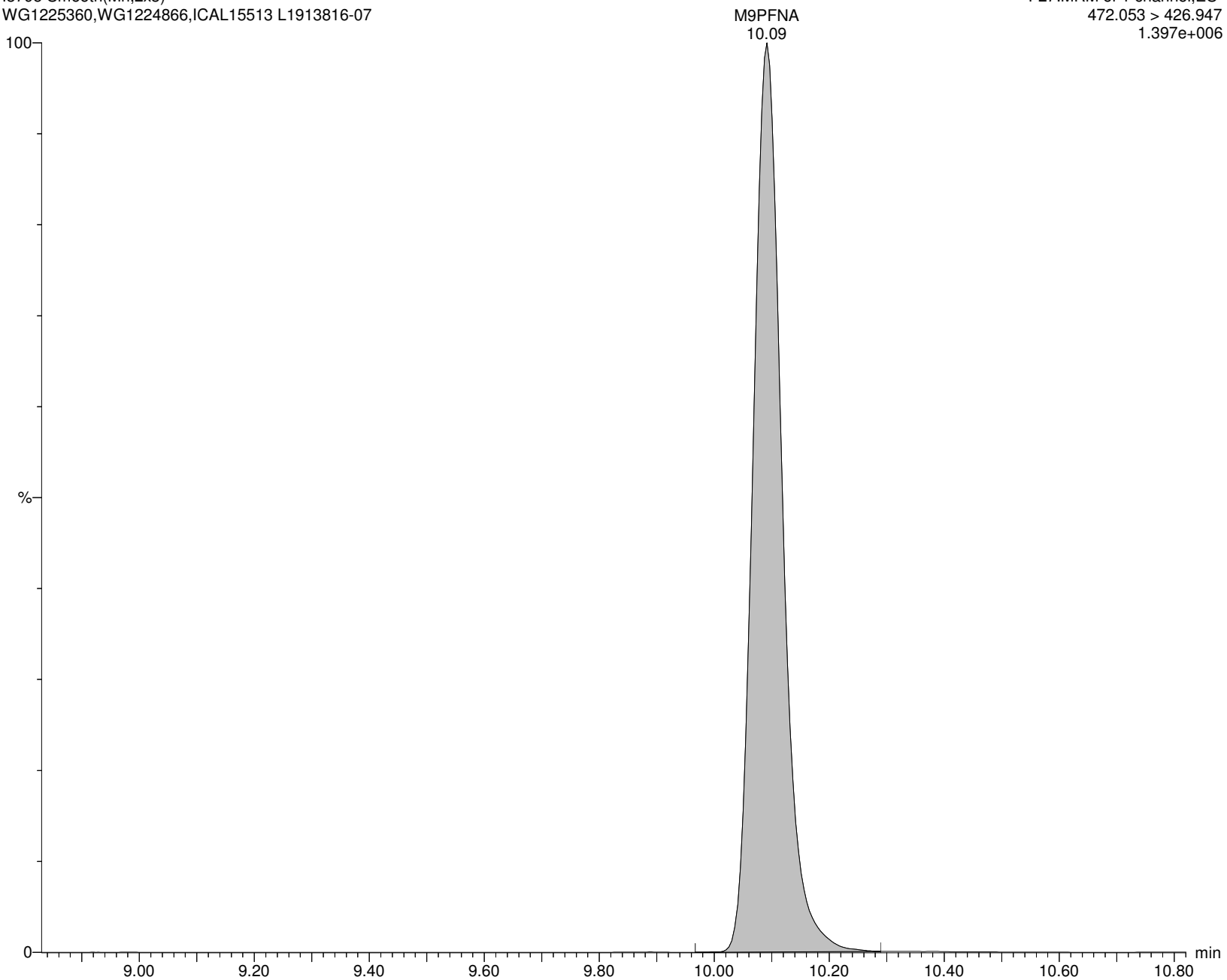
I3795 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-07

F27:MRM of 1 channel,ES-

472.053 > 426.947

1.397e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOS

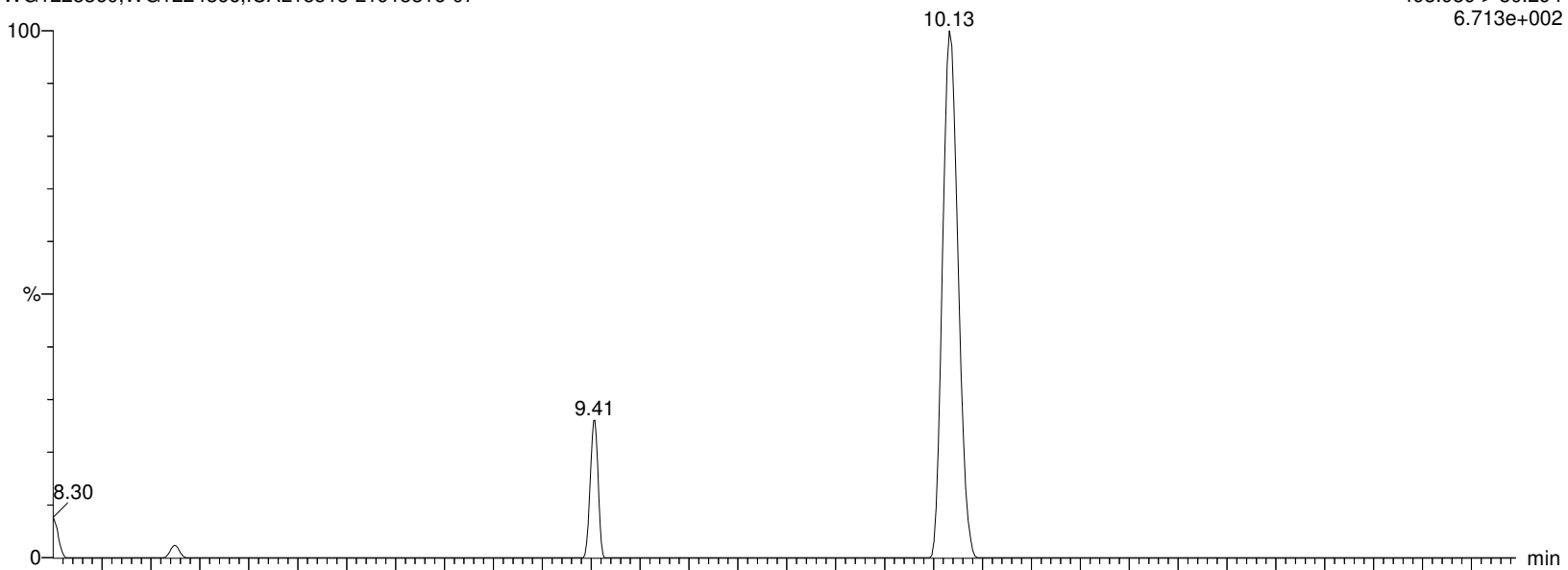
I3795 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-07

F29:MRM of 2 channels,ES-

498.989 > 80.294

6.713e+002



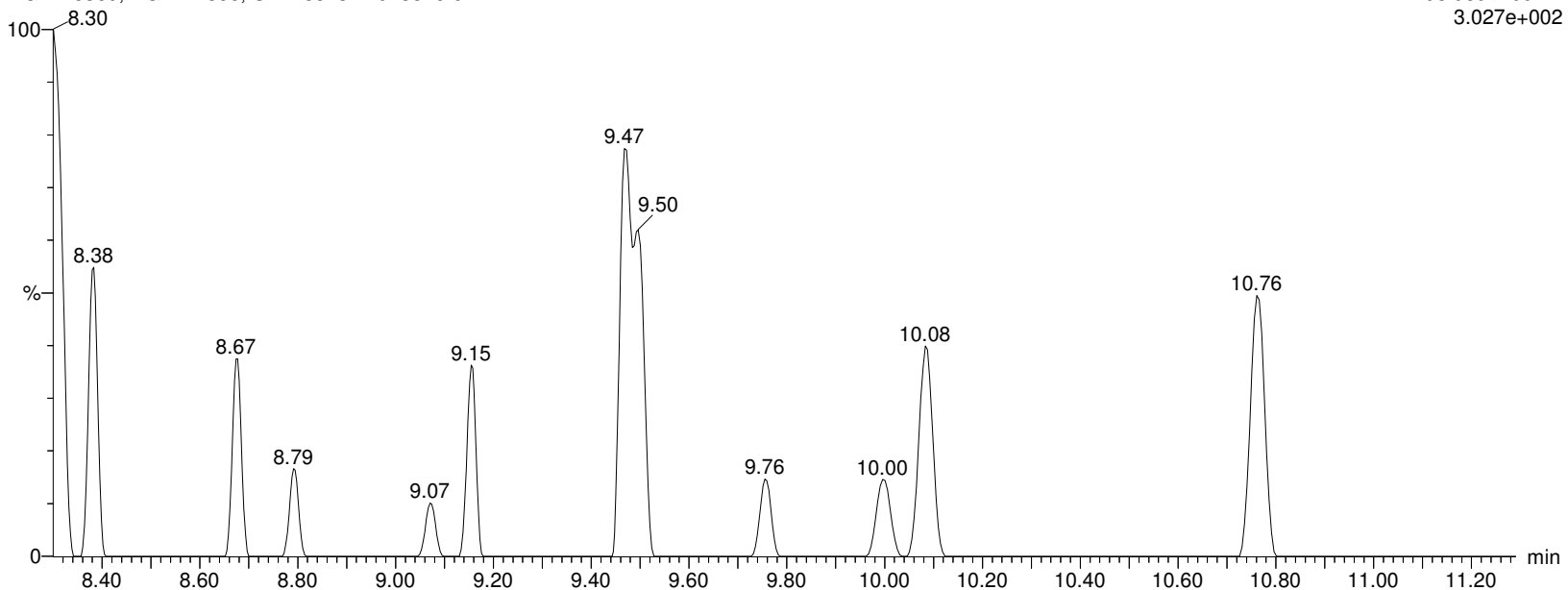
I3795 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-07

F29:MRM of 2 channels,ES-

498.989 > 99.27

3.027e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOS

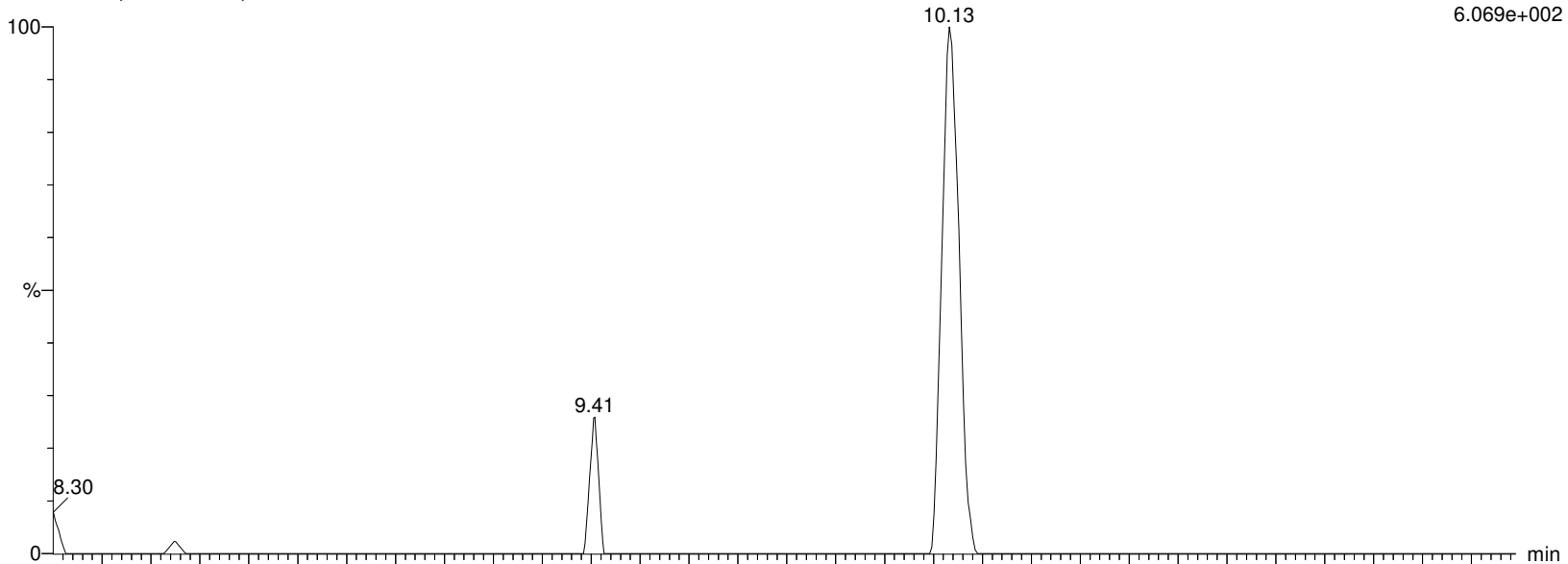
I3795 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-07

F29:MRM of 2 channels,ES-

498.989 > 80.294

6.069e+002



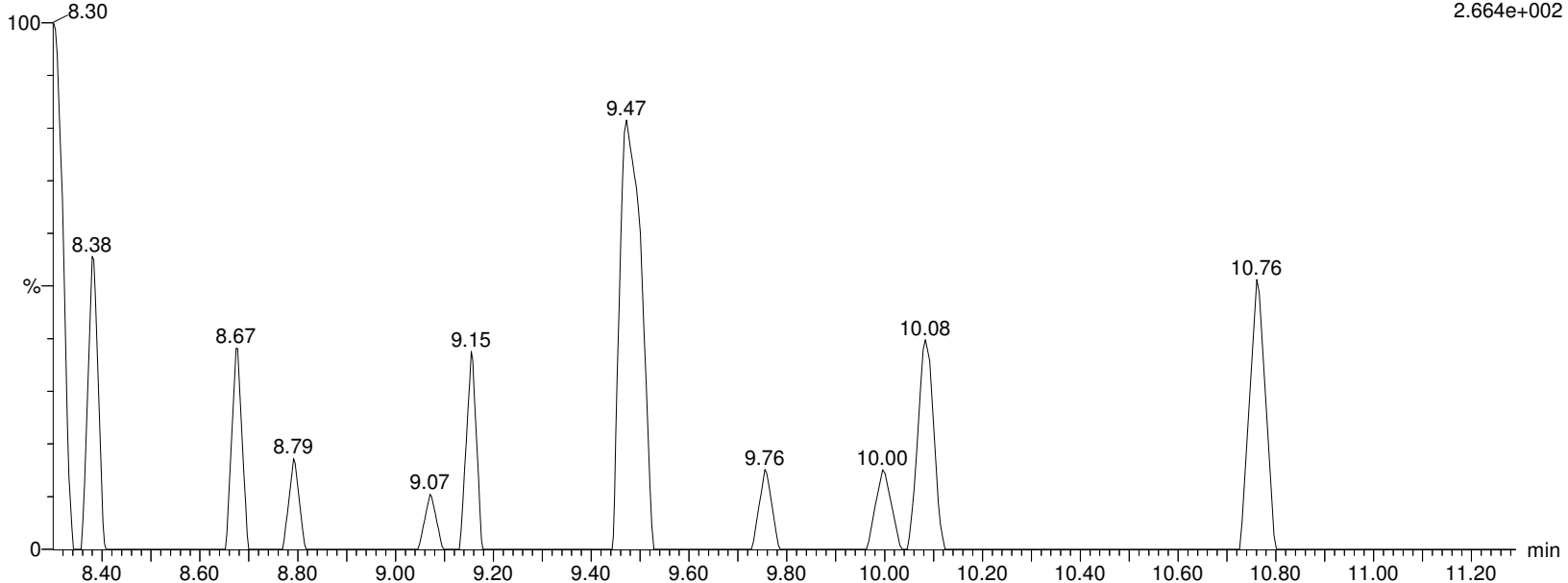
I3795 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-07

F29:MRM of 2 channels,ES-

498.989 > 99.27

2.664e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOS

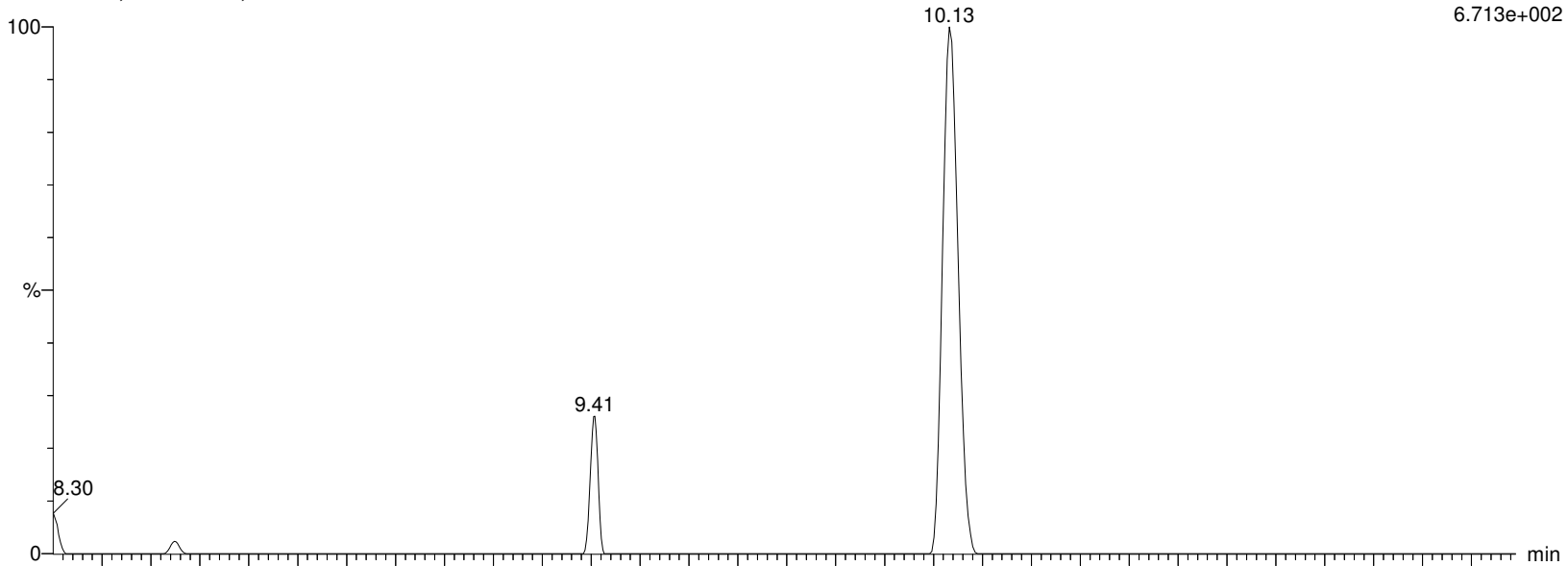
I3795 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-07

F29:MRM of 2 channels,ES-

498.989 > 80.294

6.713e+002



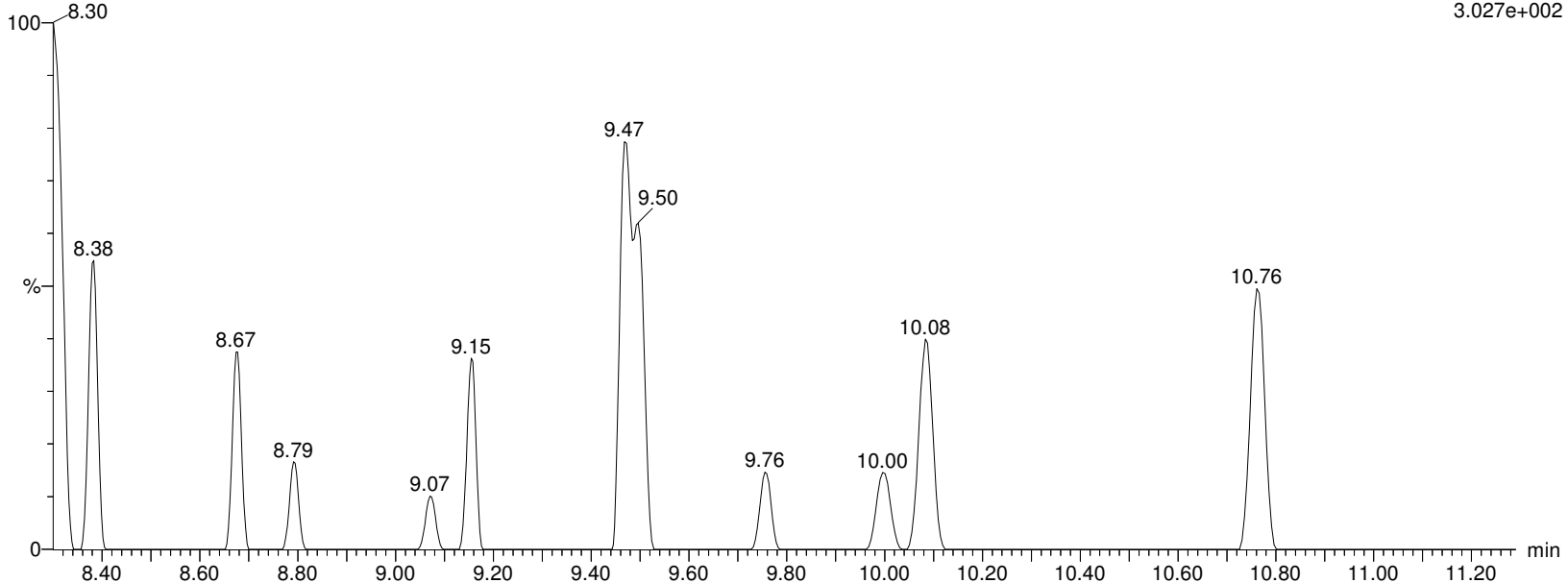
I3795 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-07

F29:MRM of 2 channels,ES-

498.989 > 99.27

3.027e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFOS

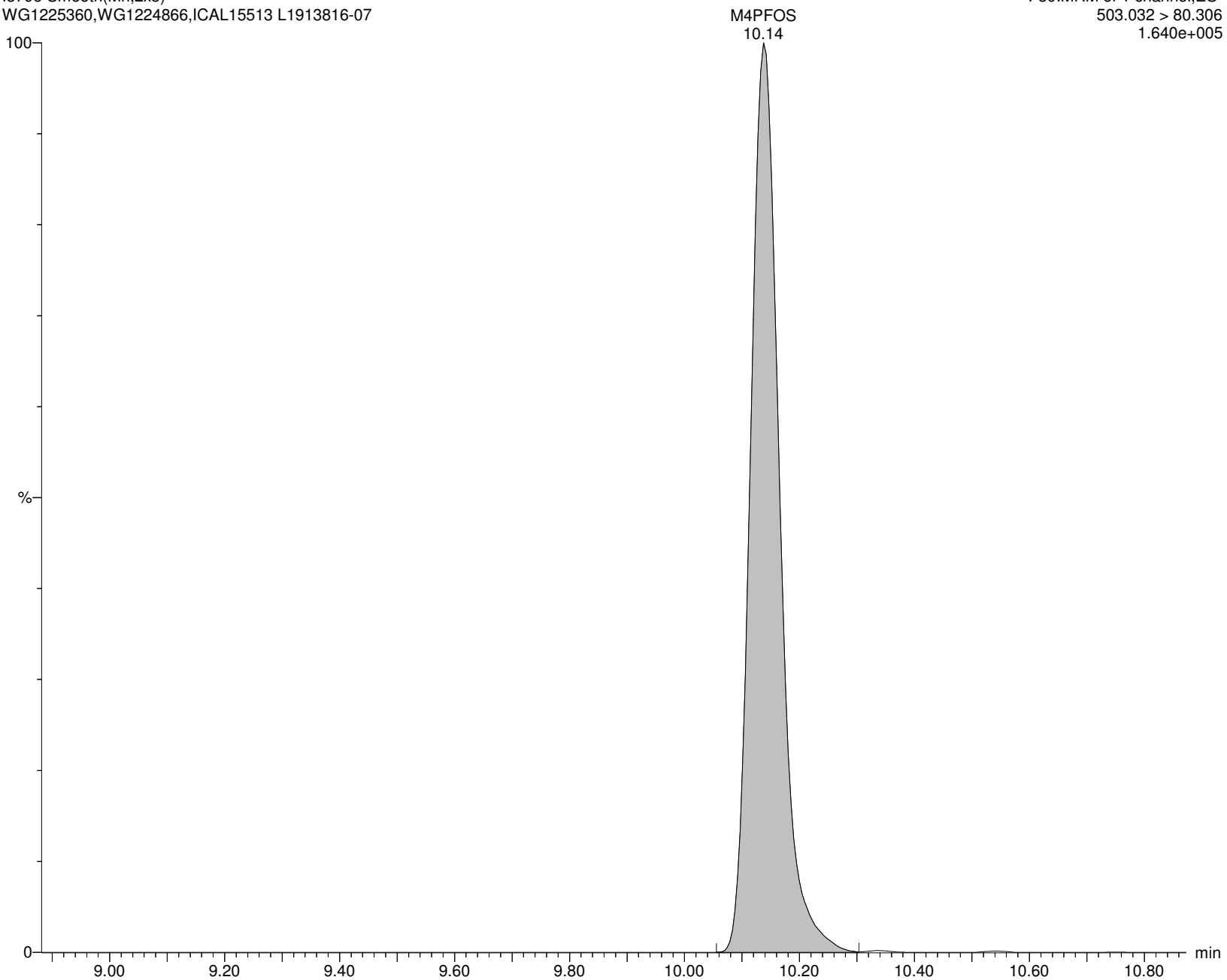
I3795 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-07

F30:MRM of 1 channel,ES-

503.032 > 80.306

1.640e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOS

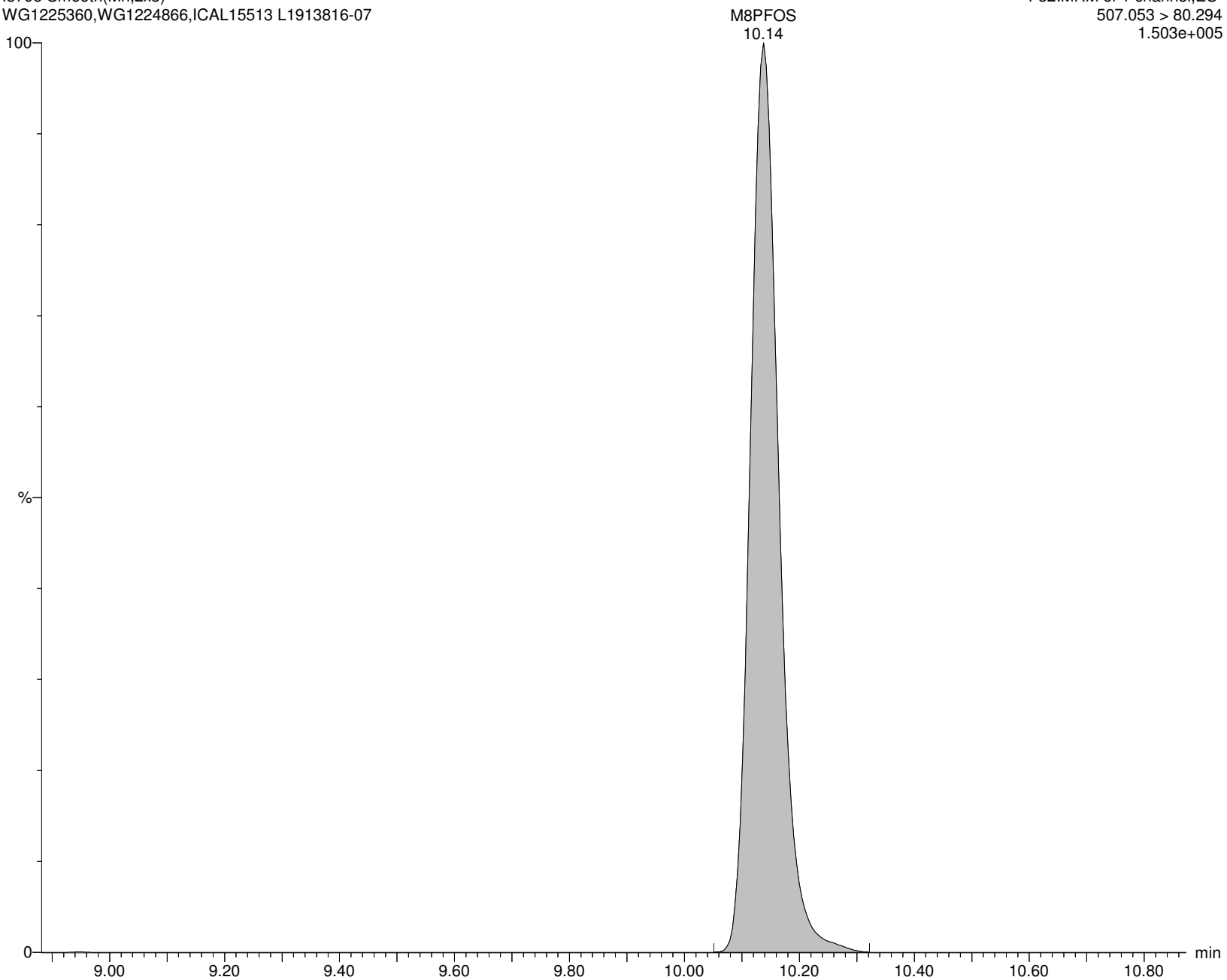
I3795 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-07

F32:MRM of 1 channel,ES-

507.053 > 80.294

1.503e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDA

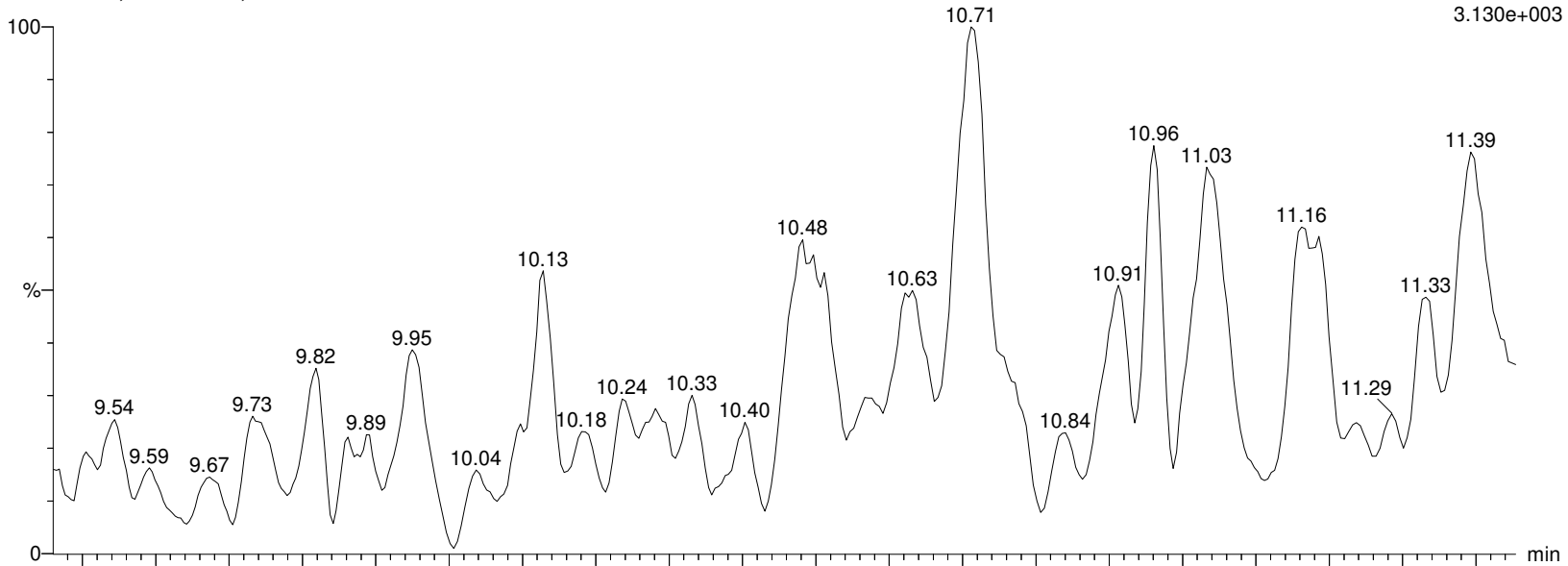
I3795 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-07

F33:MRM of 2 channels,ES-

513.053 > 468.906

3.130e+003



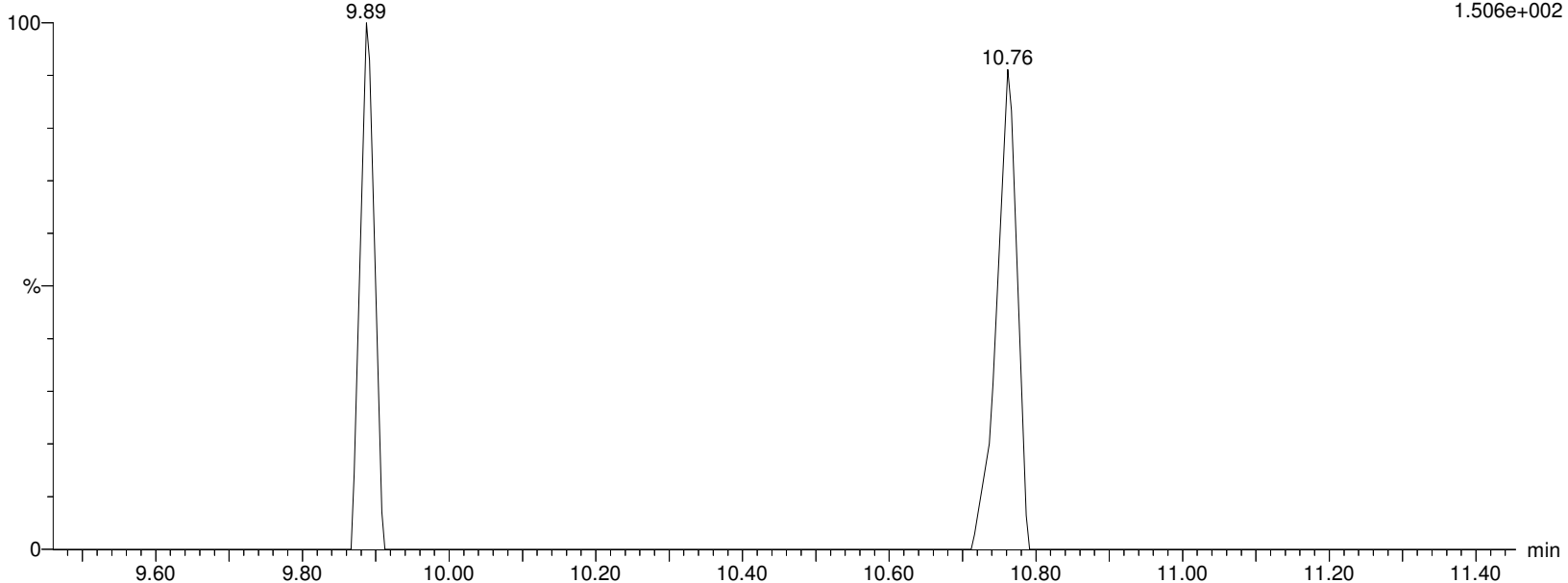
I3795 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-07

F33:MRM of 2 channels,ES-

513.053 > 219.08

1.506e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFDA

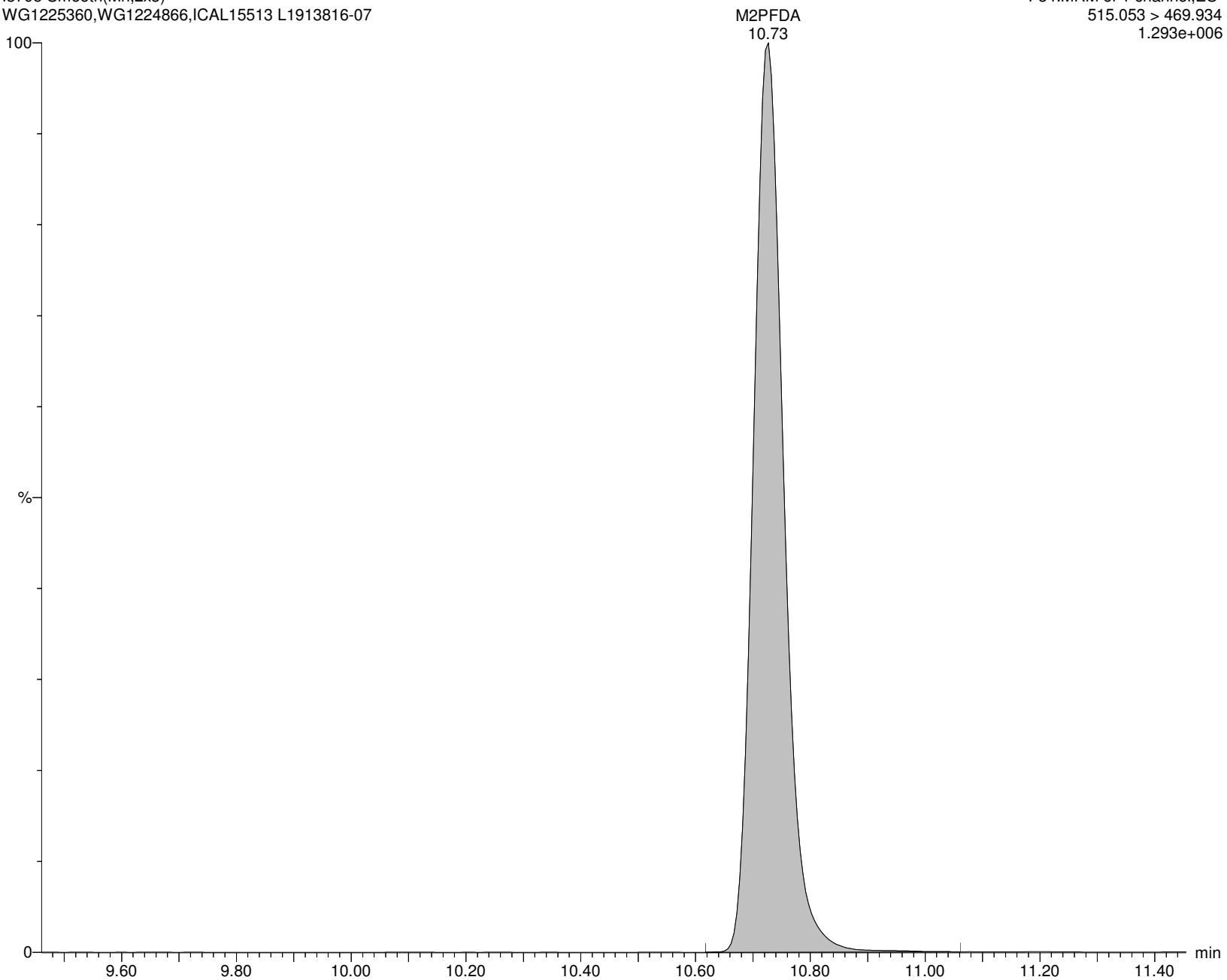
I3795 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-07

F34:MRM of 1 channel,ES-

515.053 > 469.934

1.293e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M6PFDA

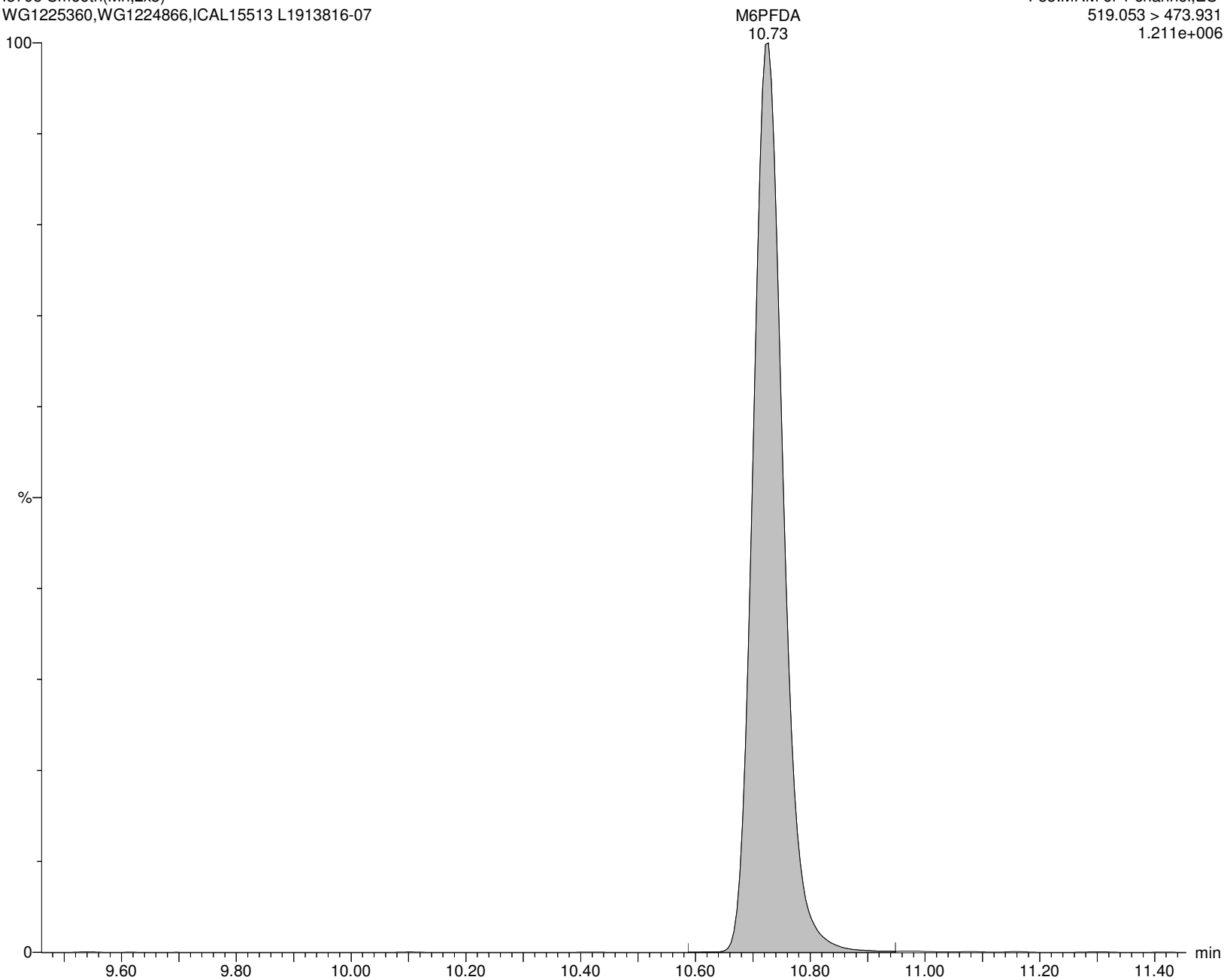
I3795 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-07

F35:MRM of 1 channel,ES-

519.053 > 473.931

1.211e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

8:2FTS

I3795 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 L1913816-07

F36:MRM of 2 channels, ES-

526.989 > 506.946

1.000e-003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-8:2FTS

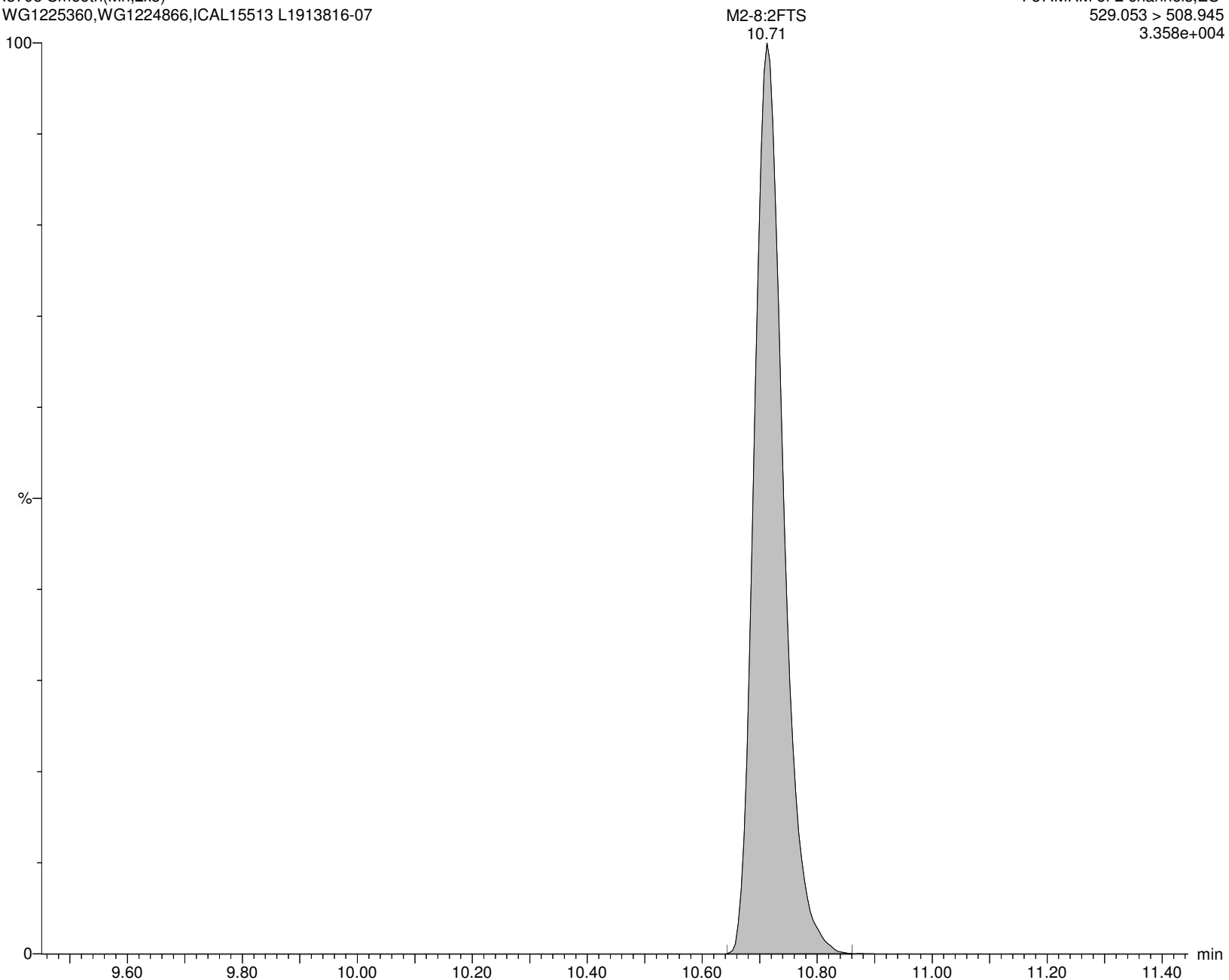
I3795 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-07

F37:MRM of 2 channels,ES-

529.053 > 508.945

3.358e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNS

I3795 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-07

F39:MRM of 2 channels,ES-

548.989 > 80.249

1.000e-003



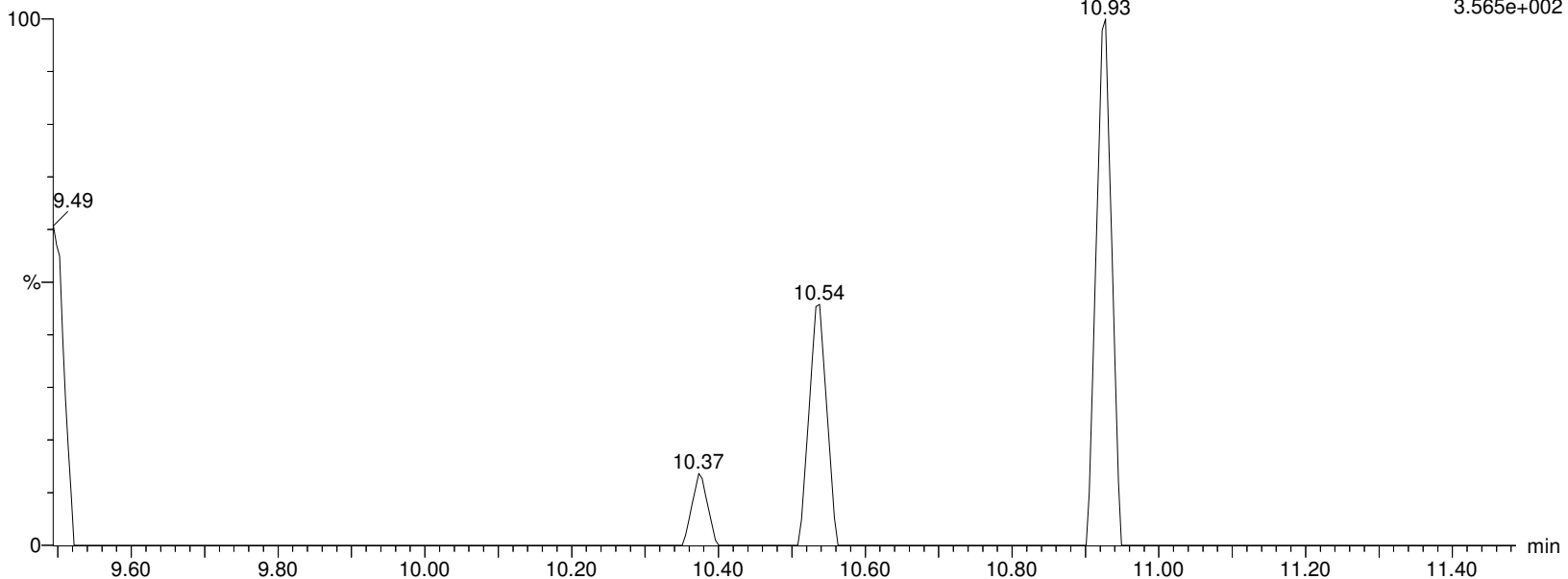
I3795 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-07

F39:MRM of 2 channels,ES-

548.989 > 99.22

3.565e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d3-NMeFOSAA

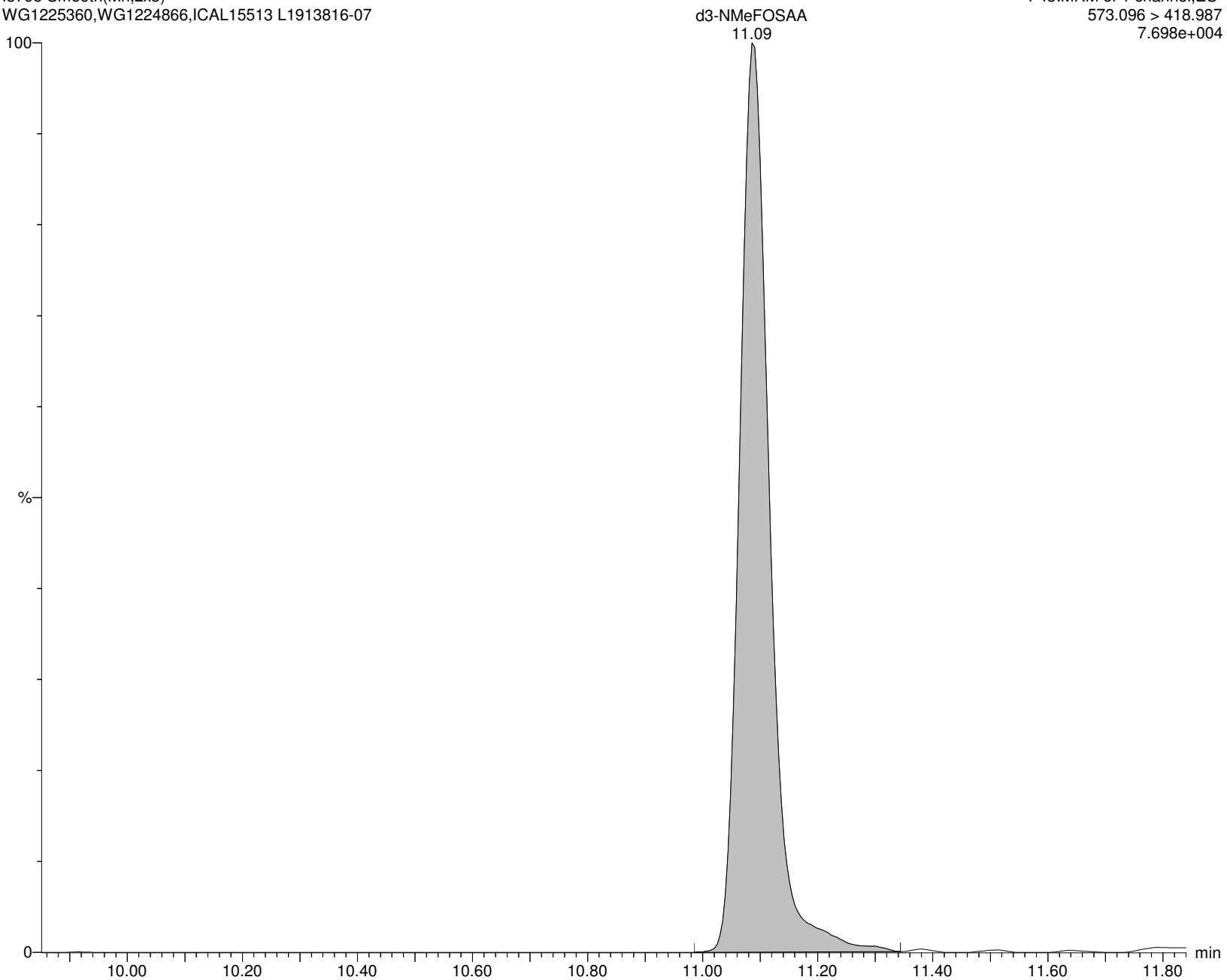
I3795 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-07

F43:MRM of 1 channel,ES-

573.096 > 418.987

7.698e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NMeFOSAA

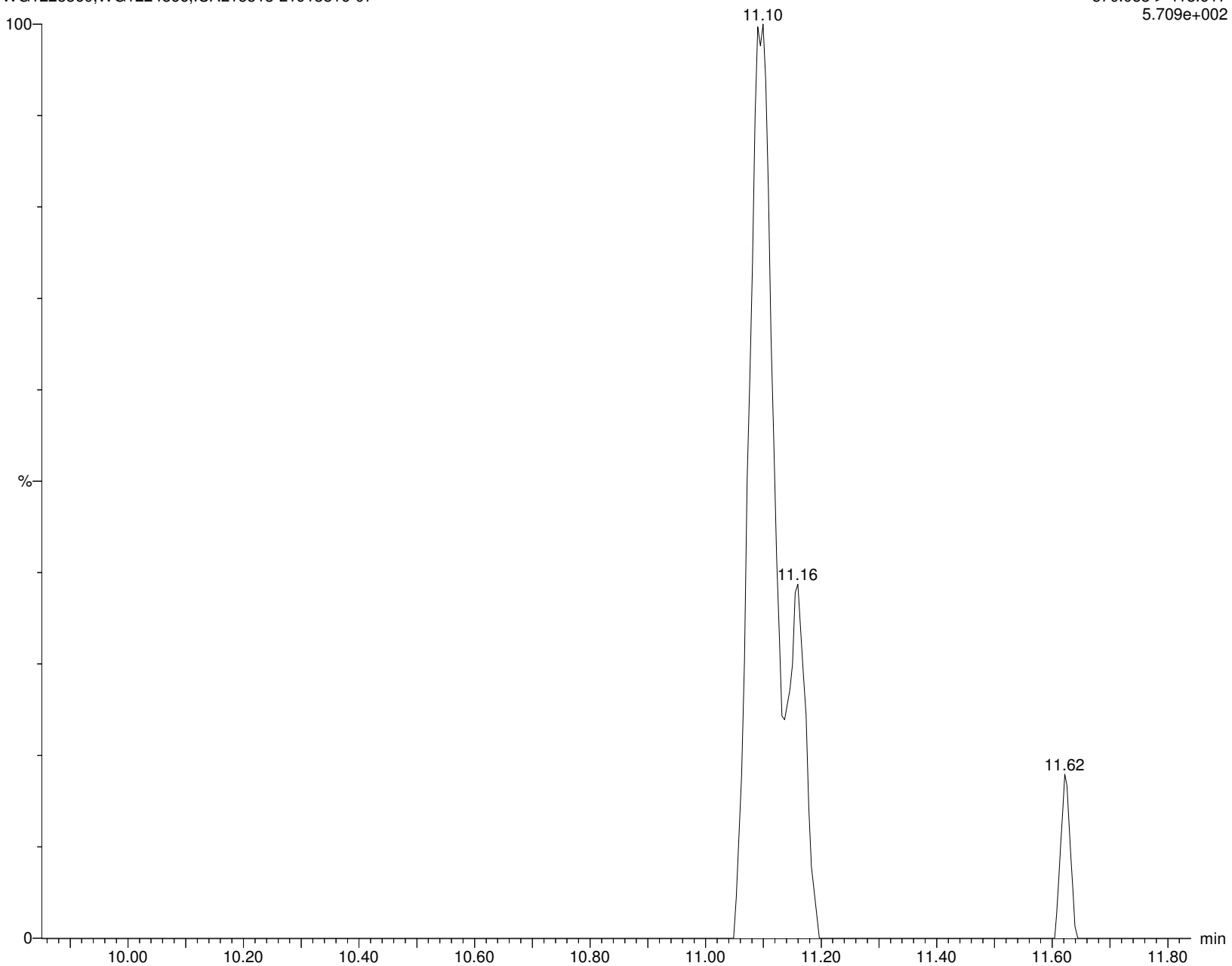
I3795 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-07

F41:MRM of 1 channel,ES-

570.053 > 418.917

5.709e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFUnA

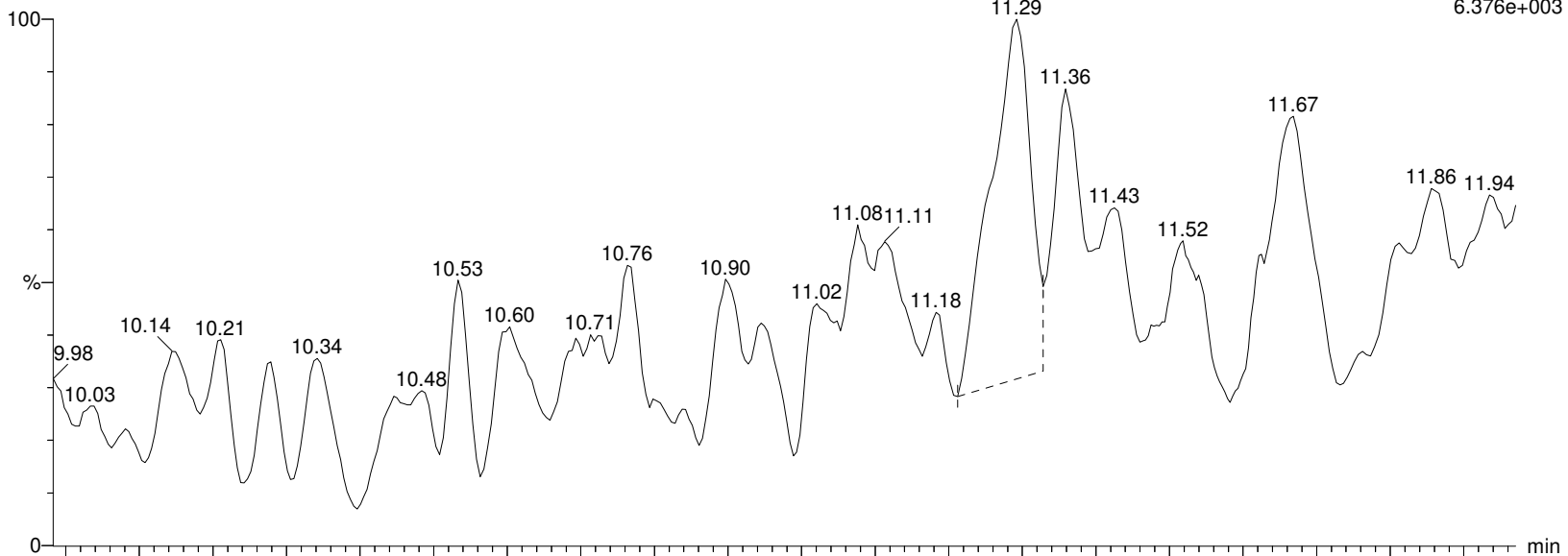
I3795 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-07

F40:MRM of 2 channels,ES-

562.989 > 518.903

6.376e+003



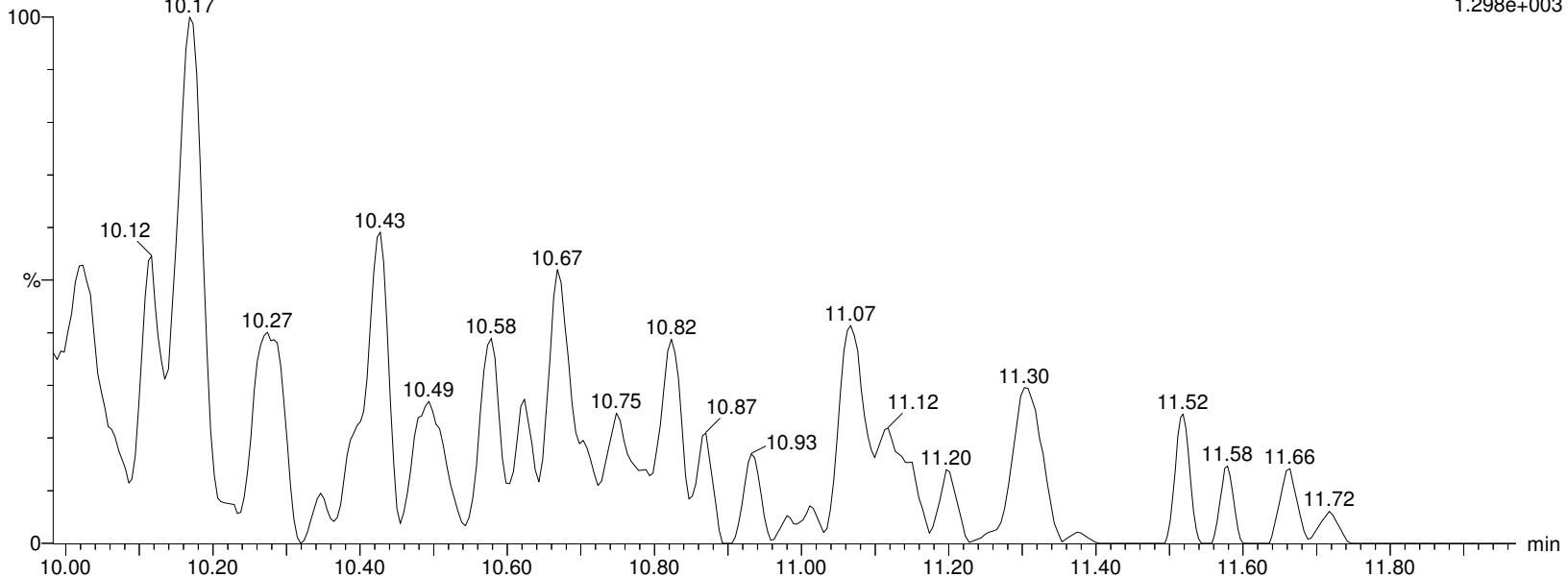
I3795 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-07

F40:MRM of 2 channels,ES-

562.989 > 269.01

1.298e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M7-PFUDA

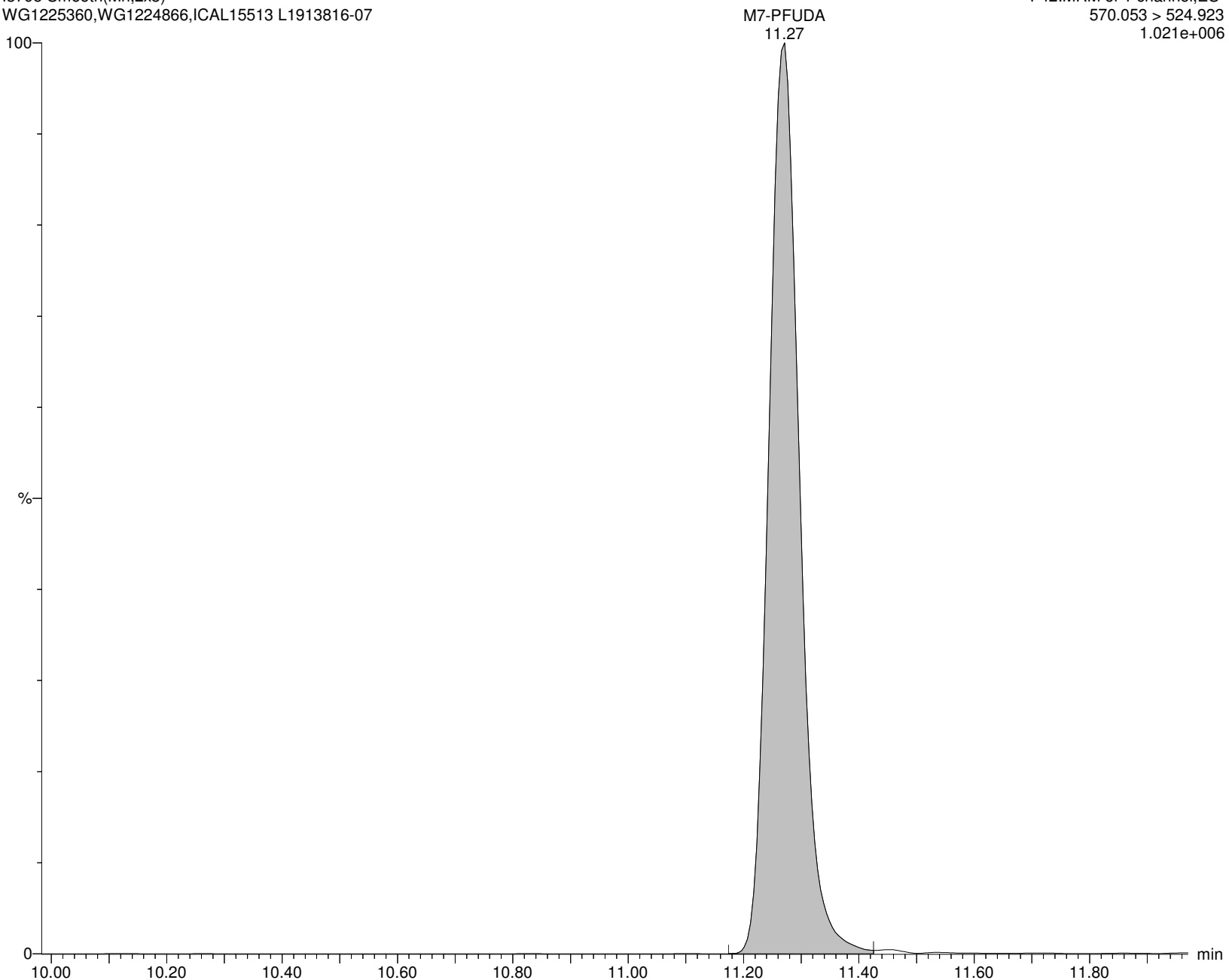
I3795 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-07

F42:MRM of 1 channel,ES-

570.053 > 524.923

1.021e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDS

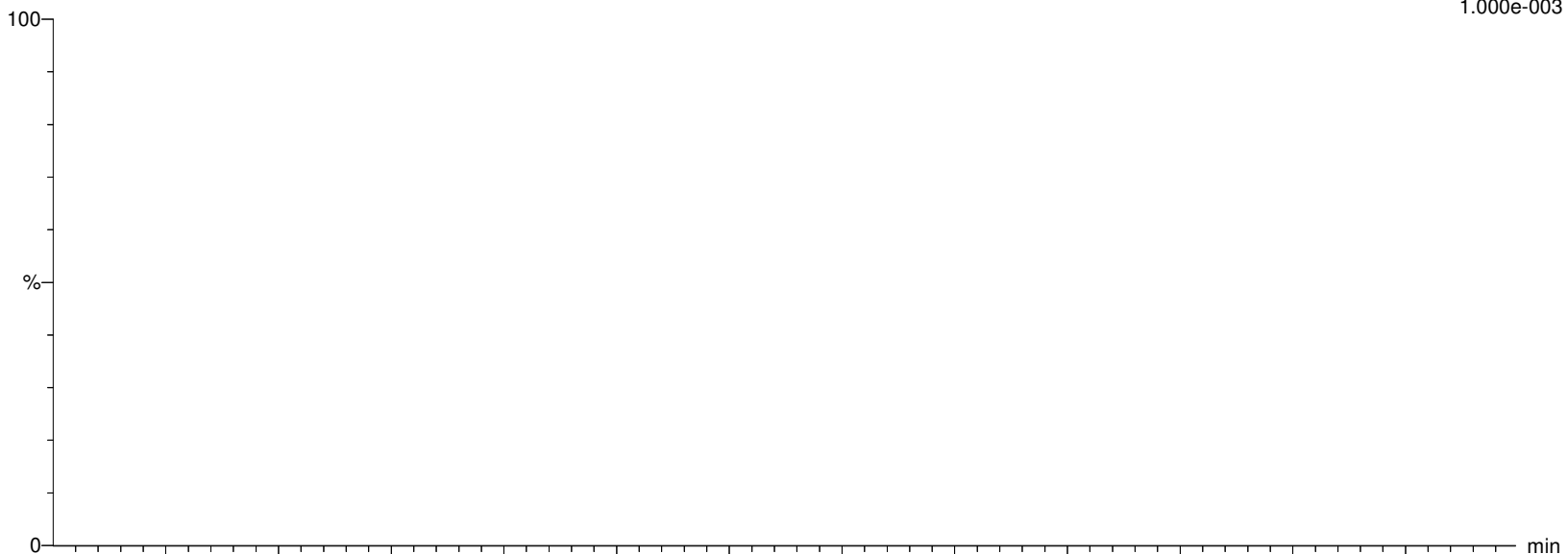
I3795 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-07

F46:MRM of 2 channels,ES-

598.926 > 80.314

1.000e-003



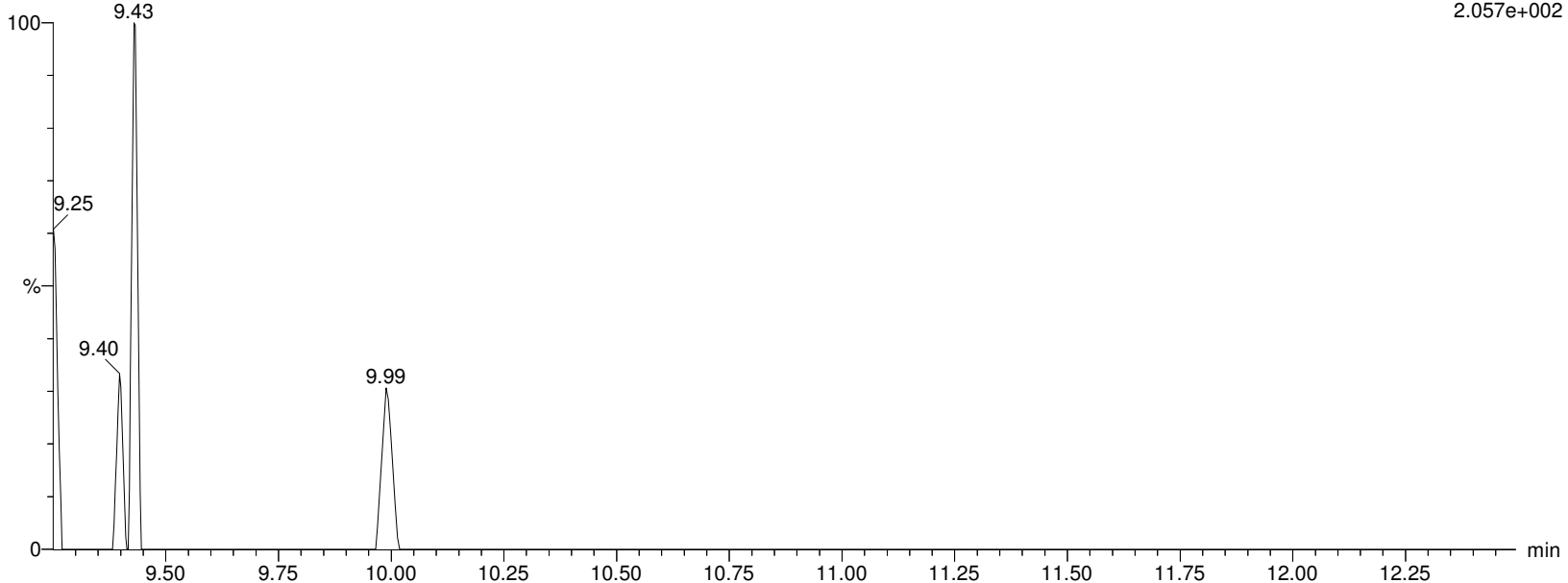
I3795 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-07

F46:MRM of 2 channels,ES-

598.926 > 99.22

2.057e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795**ID: L1913816-07****Date: 11-Apr-2019****Time: 15:59:54****Description: WG1225360,WG1224866,ICAL15513****User: LCMS02:JW****Vial: 1:C,4****Instrument: XEVO-TQSmicro#QEB0050****Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B****Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR****MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP****FOSA**

I3795 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-07

F28:MRM of 2 channels,ES-

497.989 > 78.245

1.000e-003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8FOSA

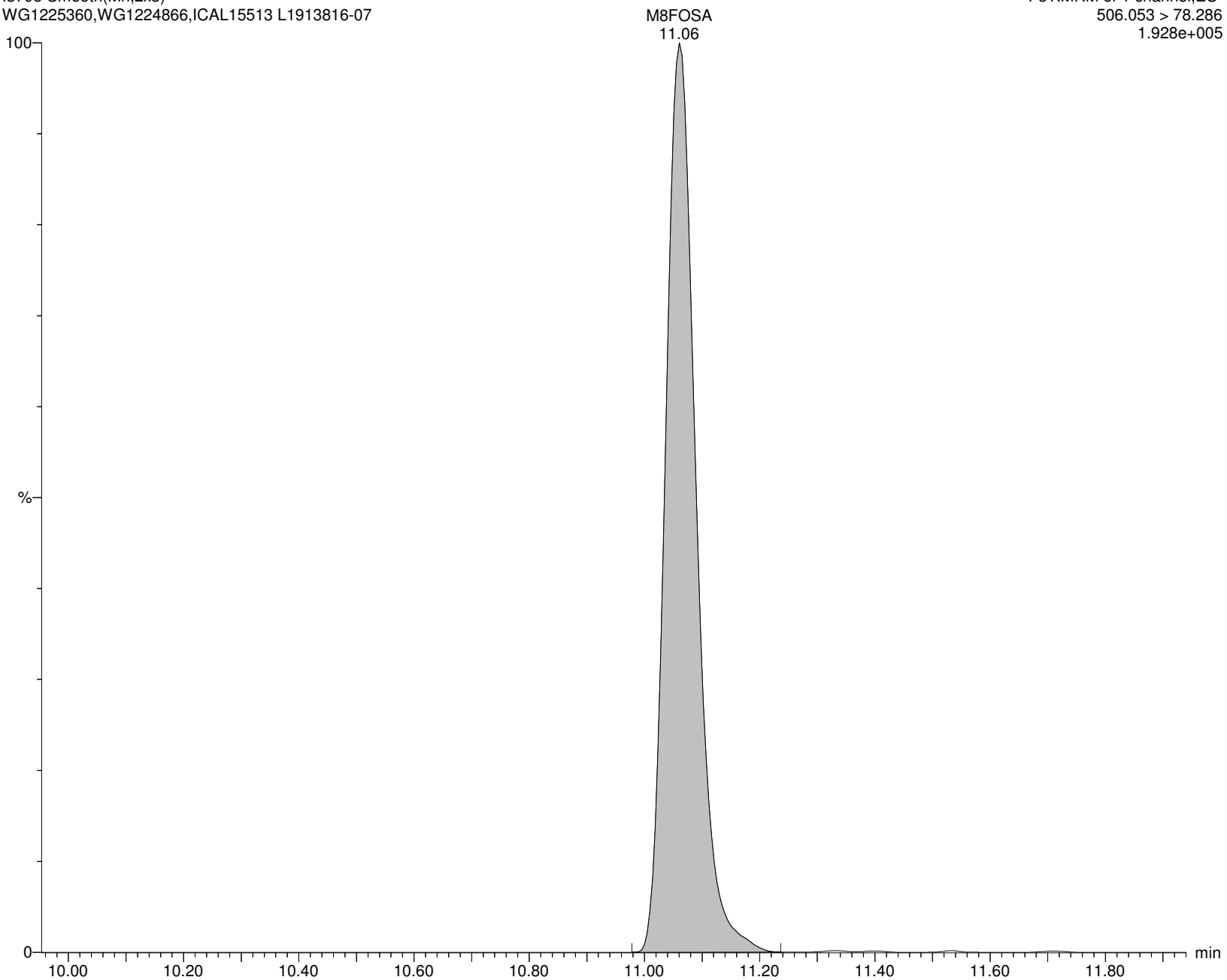
I3795 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-07

F31:MRM of 1 channel,ES-

506.053 > 78.286

1.928e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d5-NEtFOSAA

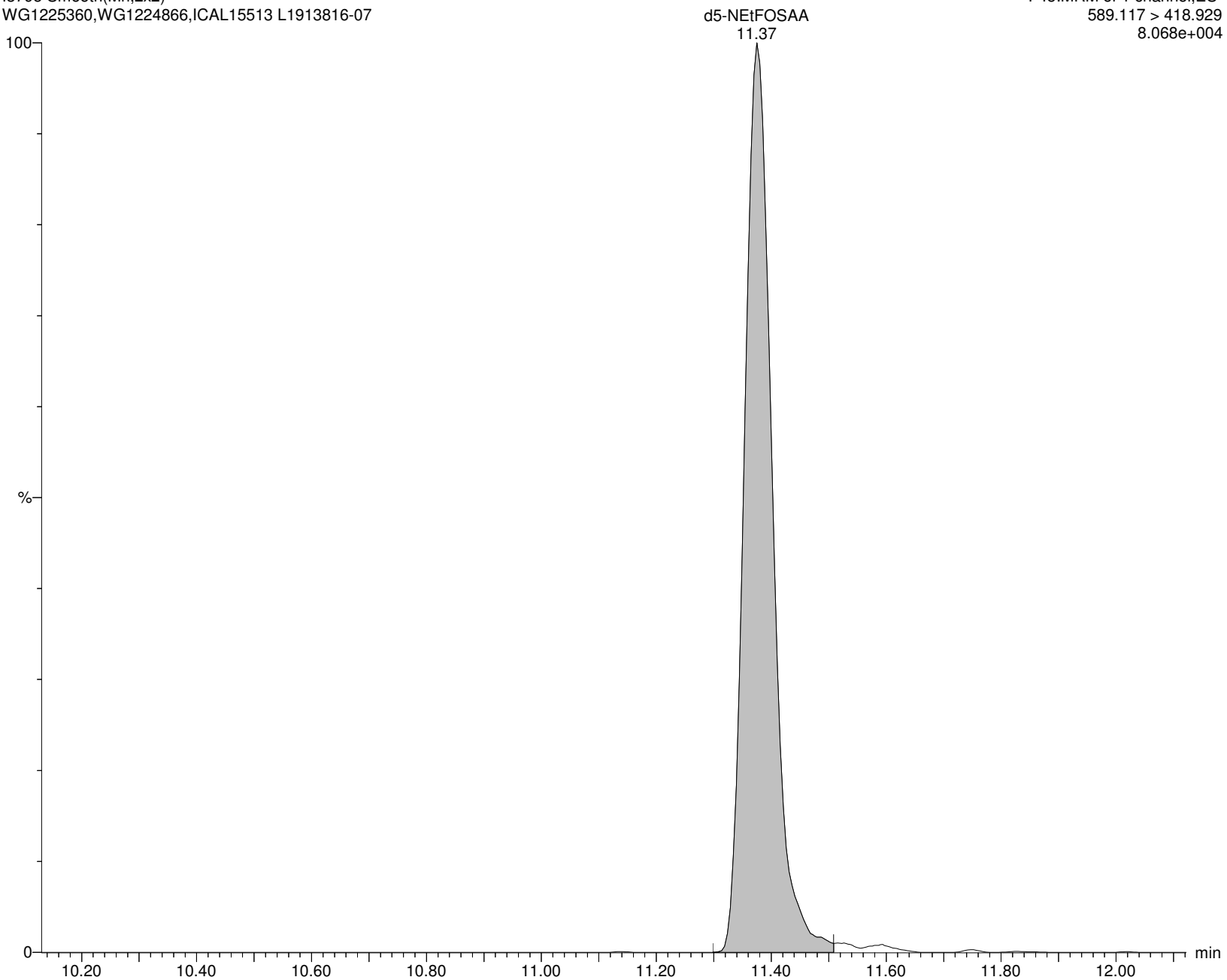
I3795 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-07

F45:MRM of 1 channel,ES-

589.117 > 418.929

8.068e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NetFOSAA

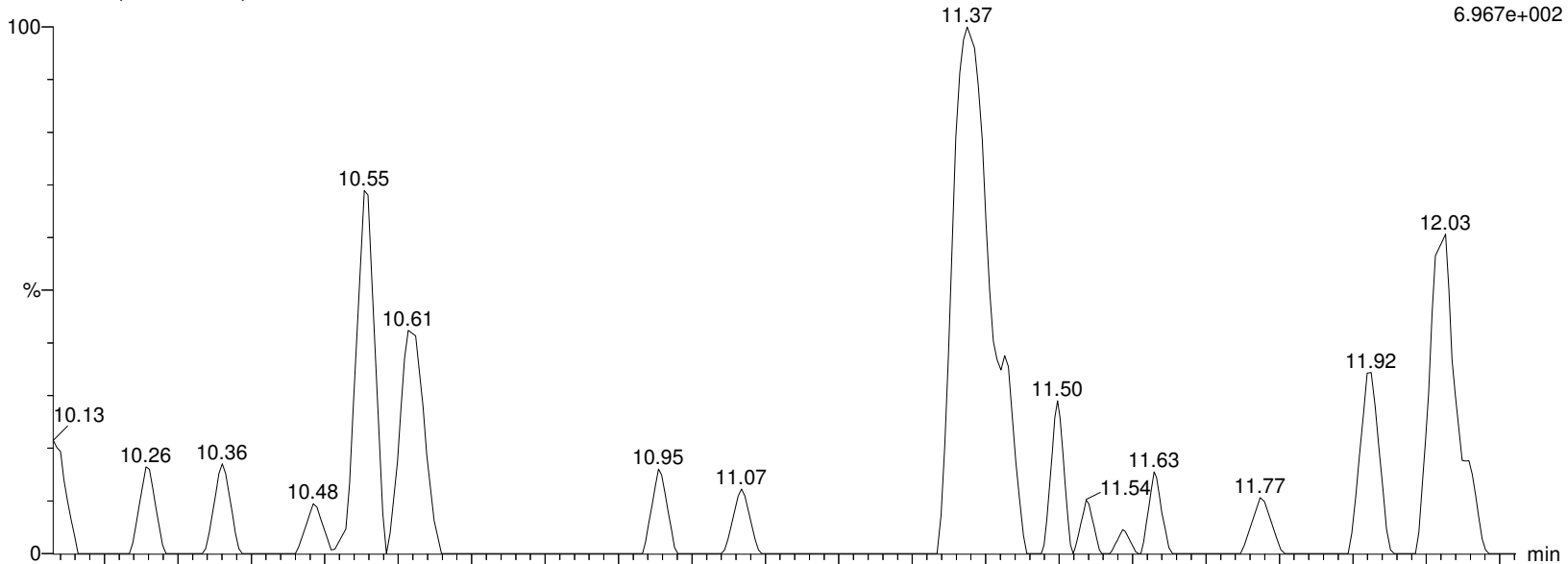
I3795 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-07

F44:MRM of 2 channels,ES-

583.989 > 418.927

6.967e+002



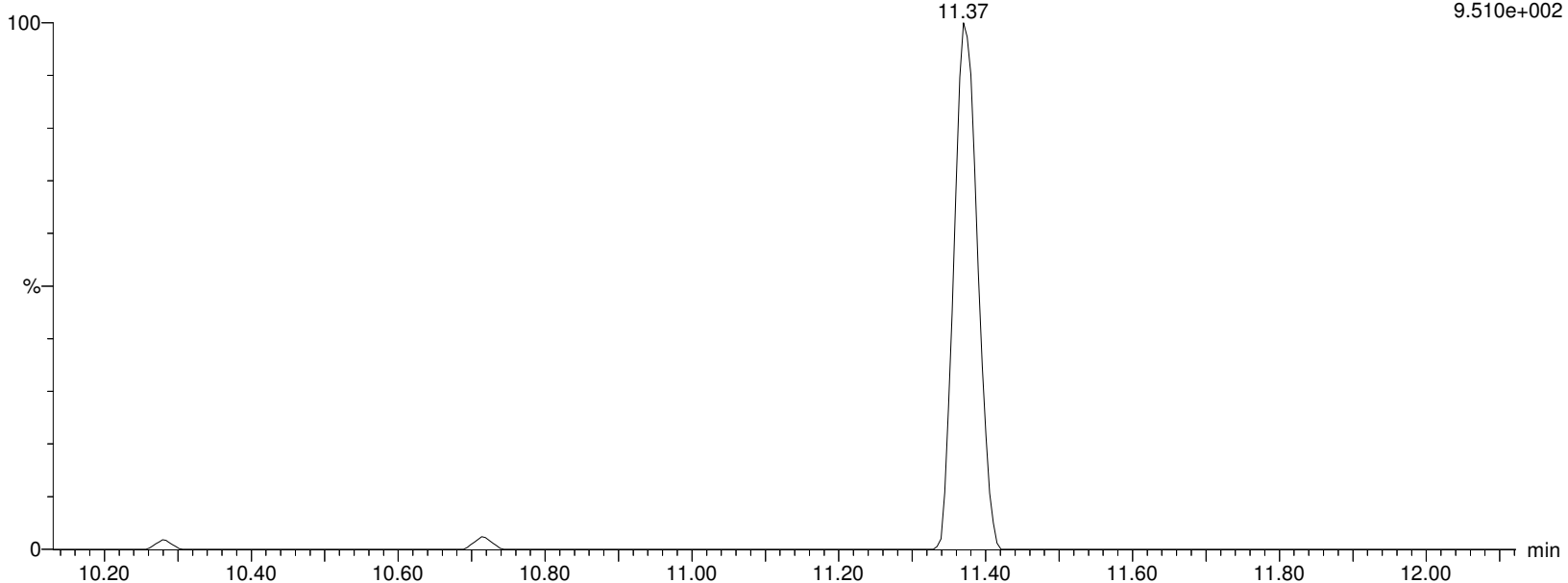
I3795 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-07

F44:MRM of 2 channels,ES-

583.989 > 482.88

9.510e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDoA

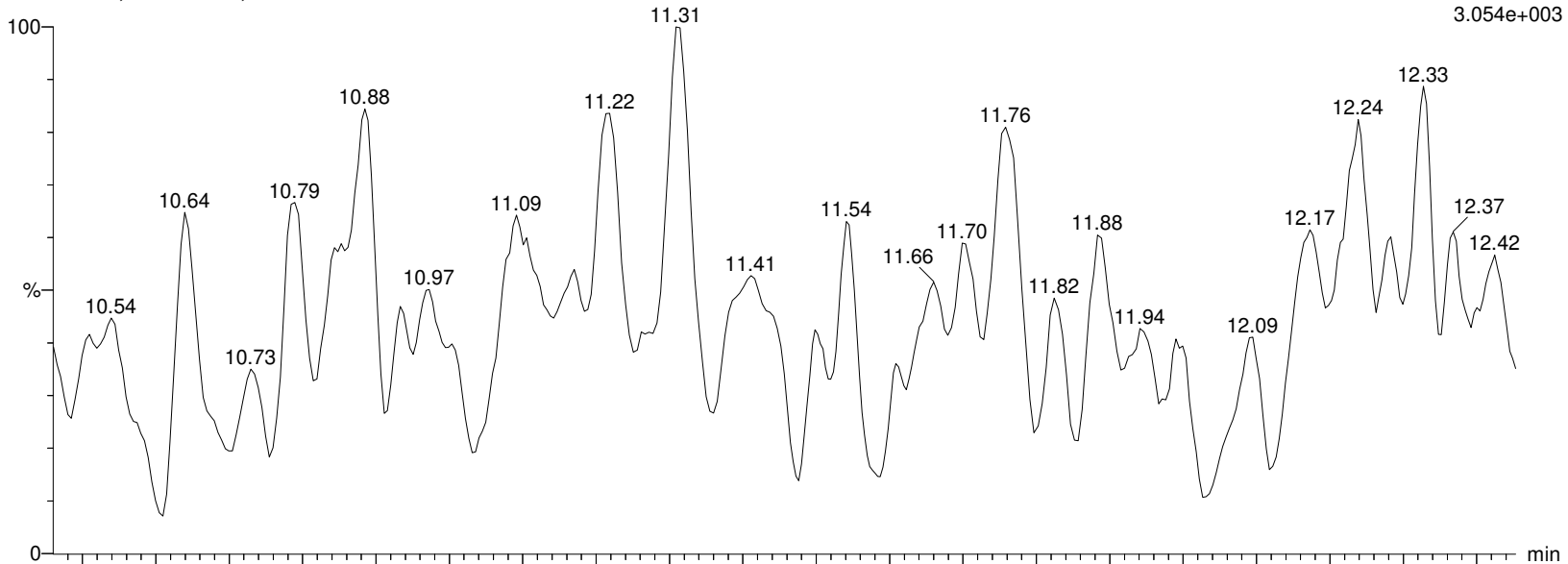
I3795 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 L1913816-07

F47:MRM of 2 channels, ES-

612.989 > 568.967

3.054e+003



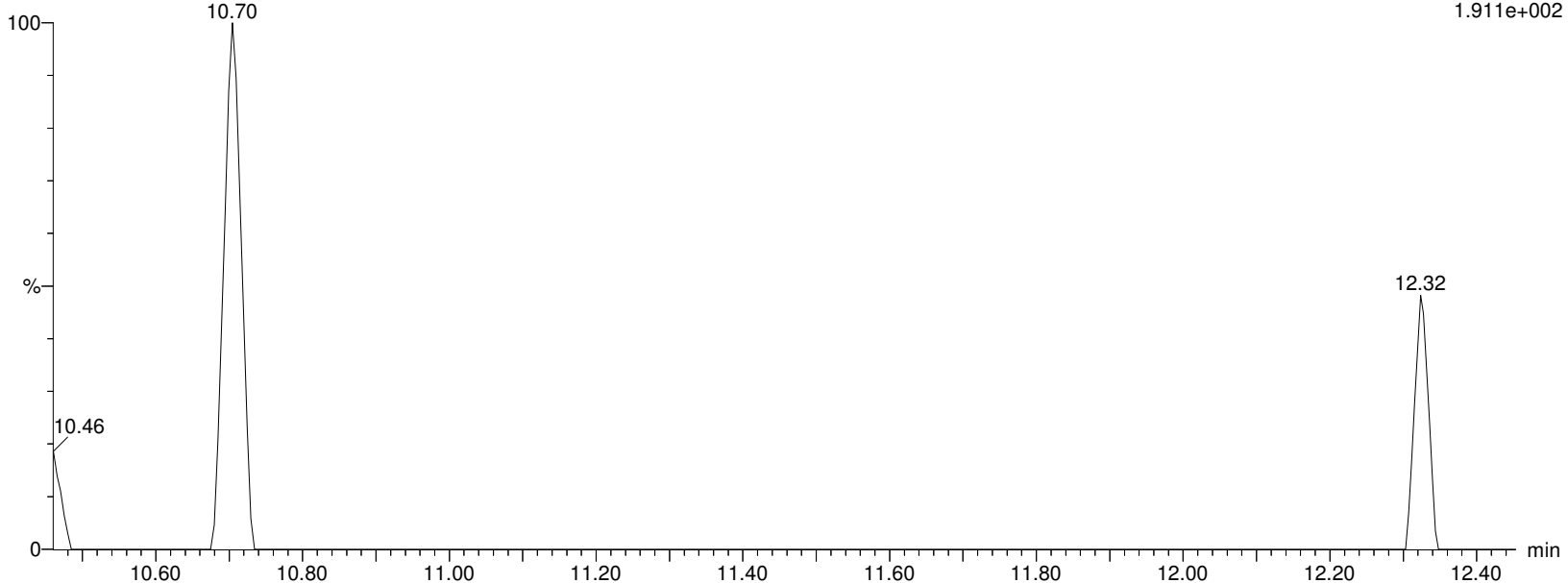
I3795 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 L1913816-07

F47:MRM of 2 channels, ES-

612.989 > 219.08

1.911e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFDOA

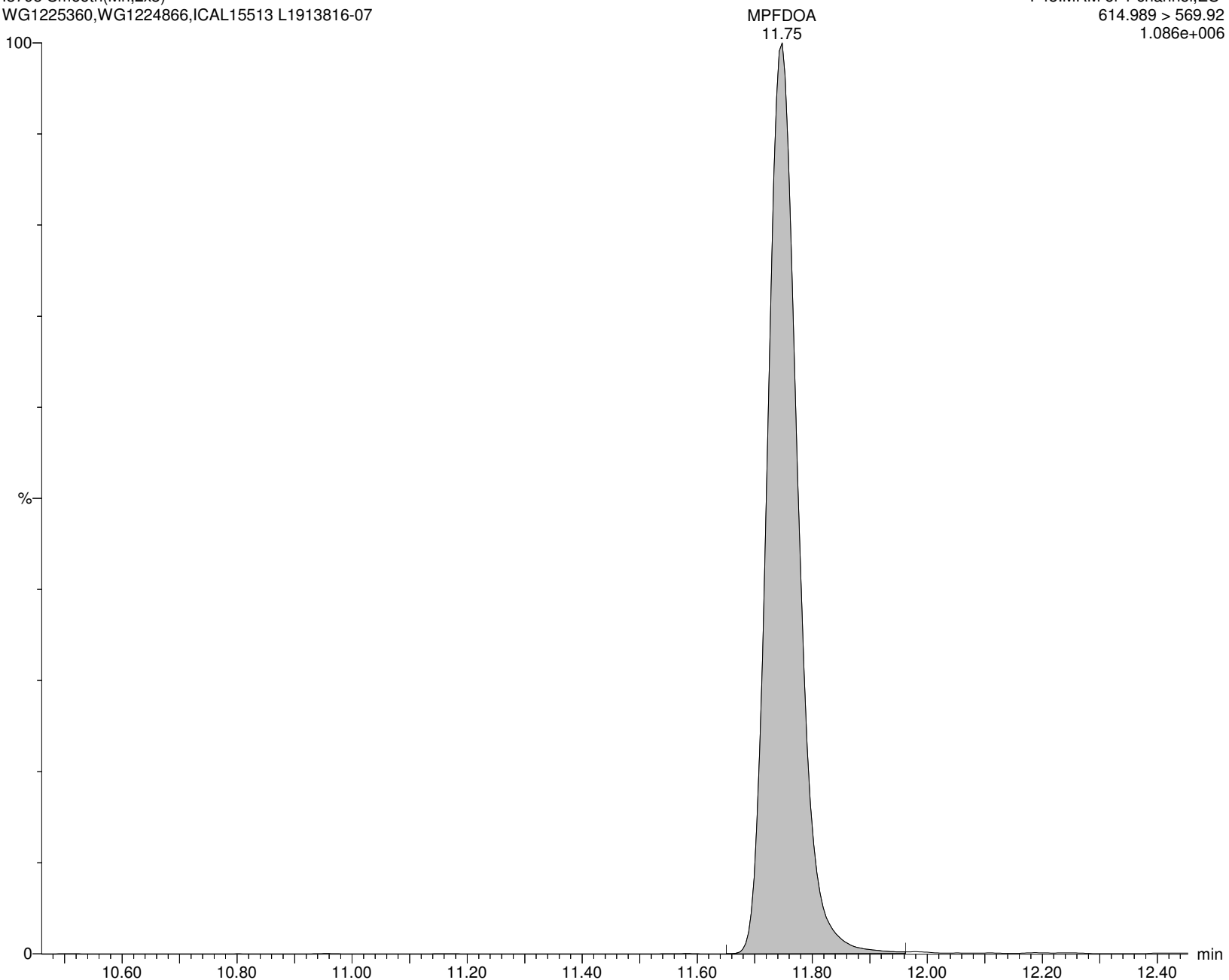
I3795 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-07

F48:MRM of 1 channel,ES-

614.989 > 569.92

1.086e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTTrDA

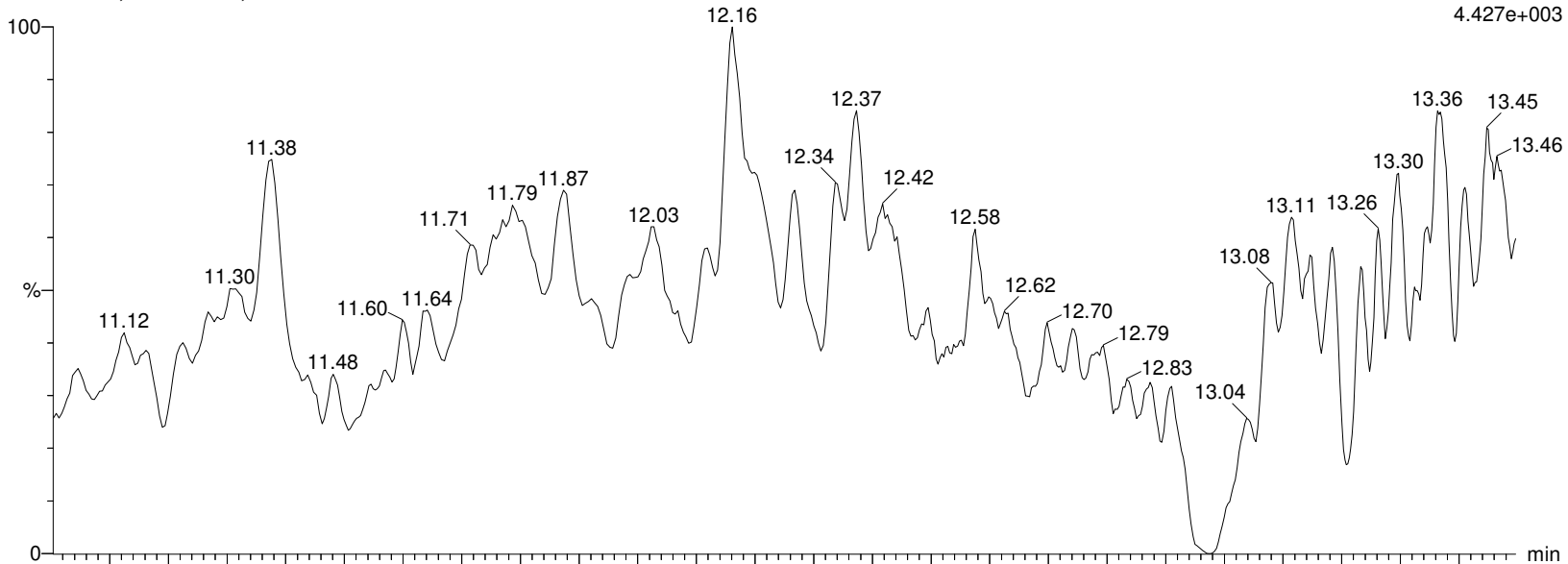
I3795 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-07

F51:MRM of 2 channels,ES-

663.053 > 618.969

4.427e+003



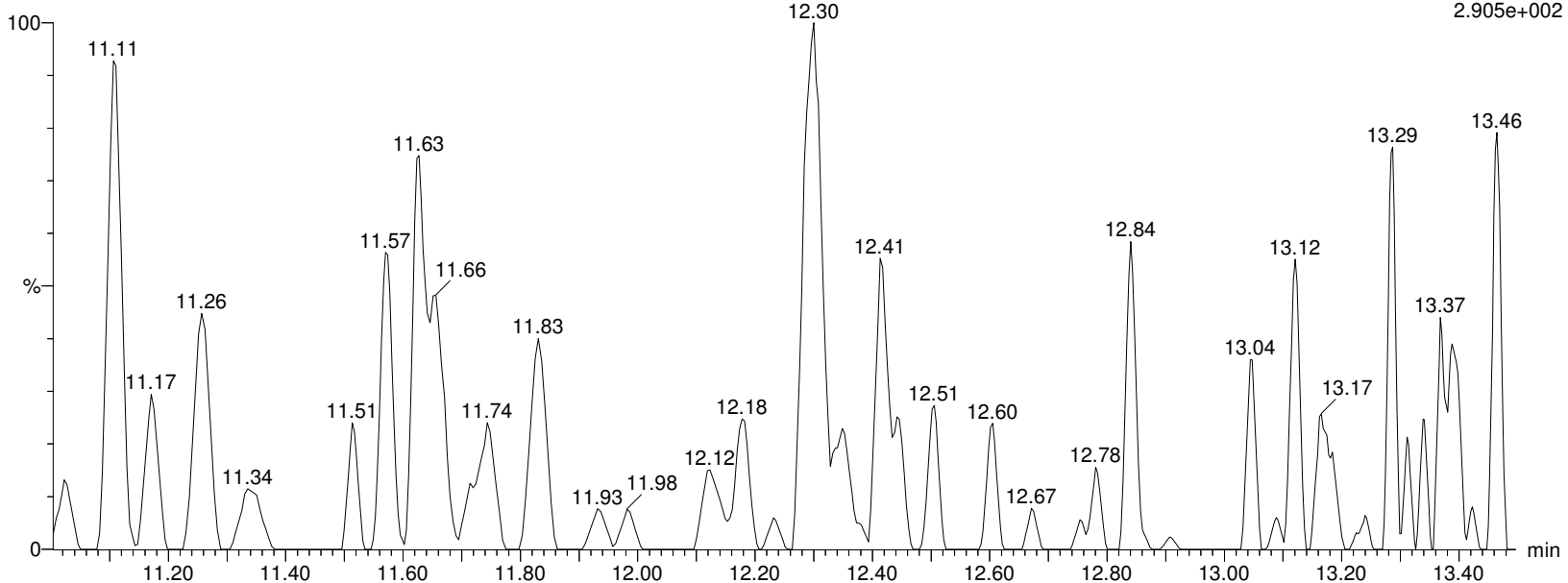
I3795 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-07

F51:MRM of 2 channels,ES-

663.053 > 319.02

2.905e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

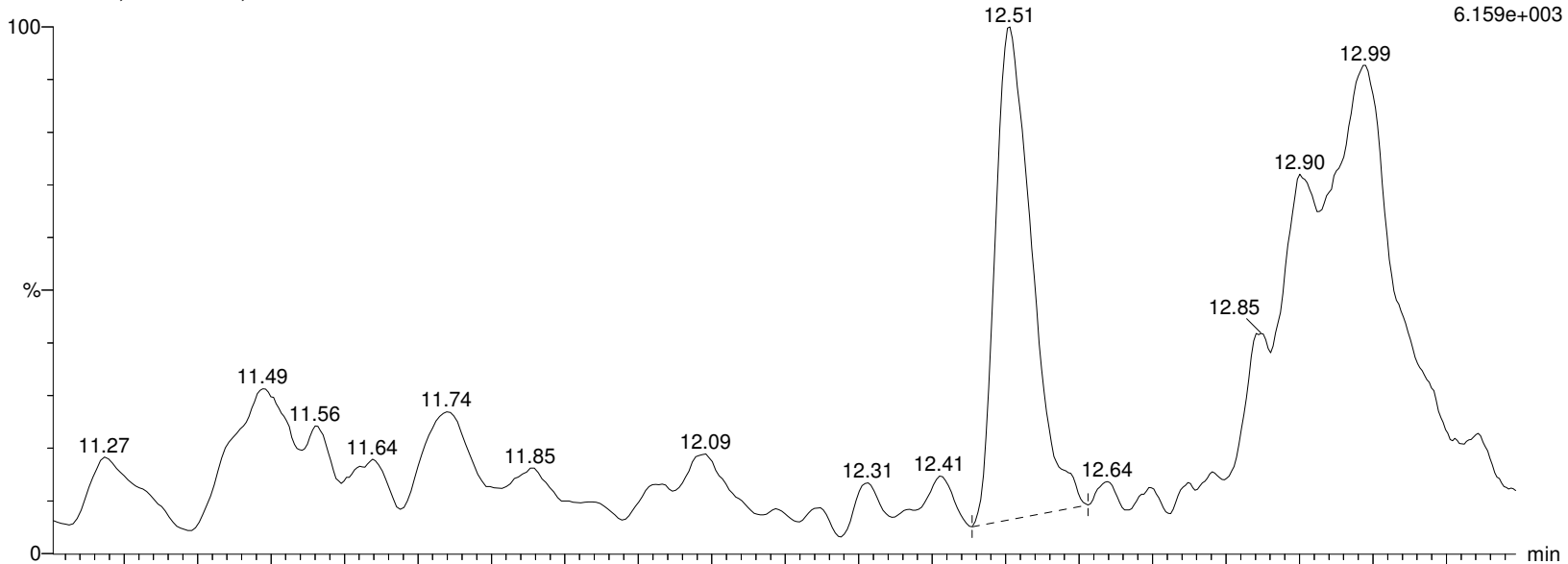
Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTA

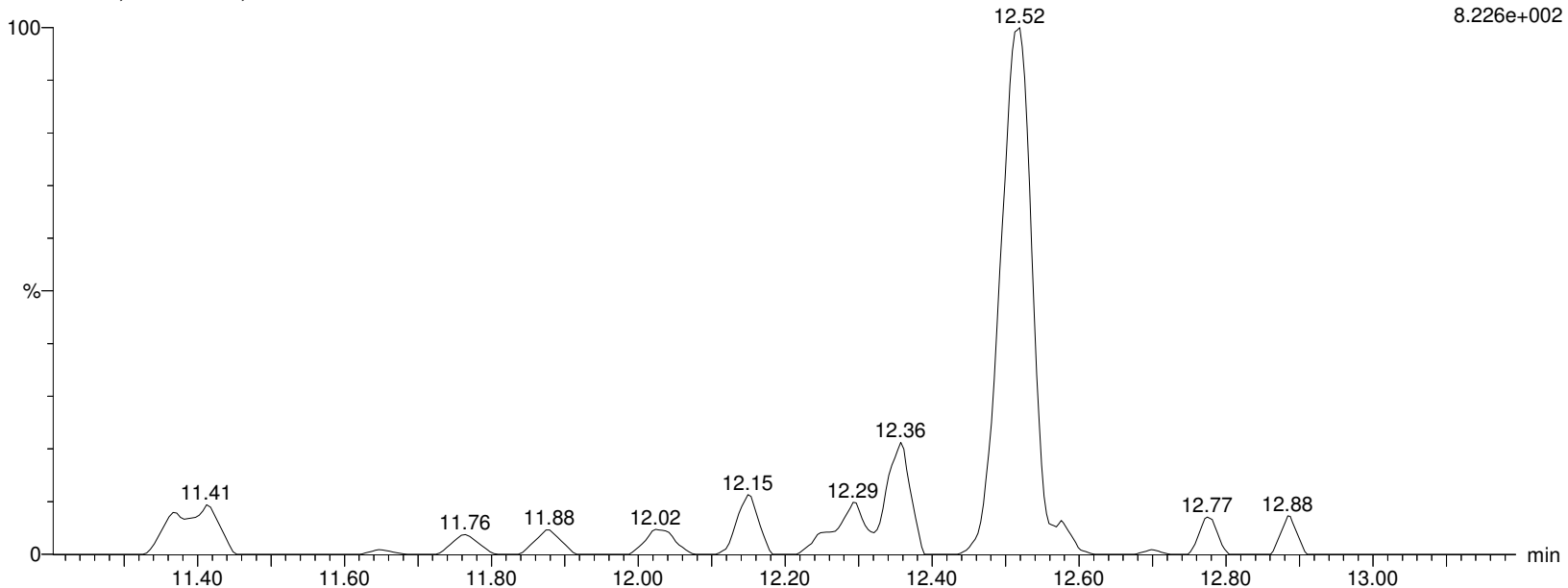
I3795 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-07



I3795 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-07



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:01:58 Eastern Daylight Time

Name: I3795

ID: L1913816-07

Date: 11-Apr-2019

Time: 15:59:54

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFTEDA

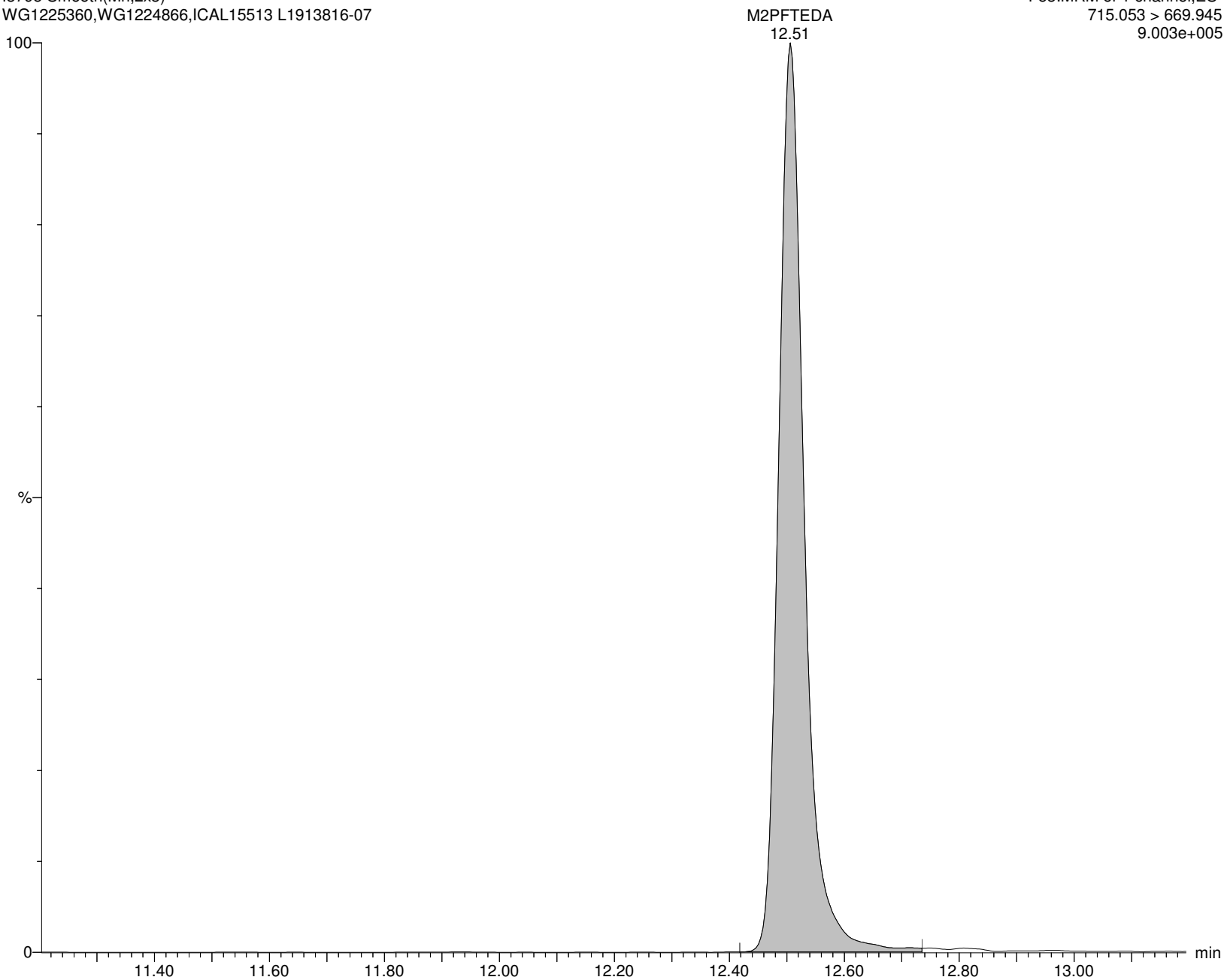
I3795 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-07

F53:MRM of 1 channel,ES-

715.053 > 669.945

9.003e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Method: C:\MassLynx\Data\2019\190411_537ISO.PRO\MethDB\537ISO_Q_190215_RT.mdb 10 Apr 2019 16:27:50

Calibration: C:\MassLynx\Data\2019\190411_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 08:45:17

ID: L1913816-08

Name: I3796

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:JW

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4		212.926 > 169.111			ND		na	
2	M3PFBA	INT STD	2.35	215.926 > 172.122	32191		6.782		na	67.8
3	MPFBA	INT STD	2.35	216.926 > 172.137	24638		7.085		na	70.8
4	PFPeA	2706-90-3		262.926 > 219.002			ND		na	
5	M5PFPEA	INT STD	5.24	267.989 > 223.081	40081		9.265		na	92.7
6	PFBS	375-73-5		298.989 > 80.295			ND		na	
7	M3PFBS	INT STD	5.88	301.989 > 80.254	10381		7.713		na	77.1
8	4:2FTS	757124-72-4		326.926 > 306.957			ND		YES	
9	M2-4:2FTS	INT STD	7.04	329.117 > 309.079	3588		5.746		na	57.5
10	PFHxA	307-24-4		312.989 > 269.028			ND		YES	
11	M5PFHxA	INT STD	7.12	317.989 > 273.045	58948		7.140		na	71.4
12	PFPeS	2706-91-4		348.926 > 80.251			ND		YES	
13	PFHpA	375-85-9		362.926 > 319.014			ND		YES	
14	M4PFHpA	INT STD	8.39	366.926 > 321.979	83670		7.845		na	78.4
15	br-PFHxS	355-46-4		398.926 > 80.295			ND		YES	
16	L-PFHxS	355-46-4		398.926 > 80.295			ND		YES	
17	PFHxS	355-46-4		398.926 > 80.295	0		ND		na	
18	M3PFHxS	INT STD	8.54	401.926 > 80.317	8182		8.588		na	85.9
19	br-PFOA	335-67-1		412.989 > 368.9			ND		YES	
20	L-PFOA	335-67-1		412.989 > 368.9			ND		YES	
21	M2PFOA	INT STD	9.33	415.032 > 369.968	99306		10.027		na	100.3
22	PFOA	335-67-1		412.989 > 368.9	0		ND		na	
23	M8PFOA	INT STD	9.33	420.989 > 375.979	81572		8.553		na	85.5
24	6:2FTS	27619-97-2	9.29	426.989 > 406.921	901		2.666		na	
25	M2-6:2FTS	INT STD	9.29	428.989 > 408.917	3390		5.405		na	54.0
26	PFHpS	375-92-8		448.926 > 80.257			ND		YES	
27	PFNA	375-95-1		462.989 > 418.931			ND		YES	
28	M9PFNA	INT STD	10.09	472.053 > 426.947	83032		9.155		na	91.6
29	br-PFOS	1763-23-1		498.989 > 80.294			ND		YES	
30	L-PFOS	1763-23-1		498.989 > 80.294			ND		YES	
31	PFOS	1763-23-1		498.989 > 80.294	0		ND		na	
32	M4PFOS	INT STD	10.14	503.032 > 80.306	10820		11.702		na	117.0
33	M8PFOS	INT STD	10.14	507.053 > 80.294	8728		8.023		na	80.2
34	PFDA	335-76-2		513.053 > 468.906			ND		YES	
35	M2PFDA	INT STD	10.73	515.053 > 469.934	83534		11.074		na	110.7
36	M6PFDA	INT STD	10.73	519.053 > 473.931	72684		8.130		na	81.3
37	8:2FTS	39108-34-4		526.989 > 506.946			ND		na	
38	M2-8:2FTS	INT STD	10.72	529.053 > 508.945	2006		5.810		na	58.1
39	PFNS	68259-12-1		548.989 > 80.249			ND		YES	

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

ID: L1913816-08

Name: I3796

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:JW

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	11.09	573.096 > 418.987	4243		4.991		na	49.9
41	NMeFOSAA	2355-31-9		570.053 > 418.917			ND		na	
42	PfUnA	2058-94-8		562.989 > 518.903			ND		YES	
43	M7-PFUDA	INT STD	11.27	570.053 > 524.923	61379		8.186		na	81.9
44	PFDS	335-77-3		598.926 > 80.314			ND		YES	
45	FOSA	754-91-6		497.989 > 78.245			ND		na	
46	M8FOSA	INT STD	11.06	506.053 > 78.286	7279		2.593		na	25.9
47	d5-NEtFOSAA	INT STD	11.38	589.117 > 418.929	3742		4.864		na	48.6
48	NEtFOSAA	2991-50-6		583.989 > 418.927			ND		YES	
49	PFDaA	307-55-1		612.989 > 568.967			ND		YES	
50	MPFDOA	INT STD	11.75	614.989 > 569.92	63938		7.432		na	74.3
51	PFTTrDA	72629-94-8		663.053 > 618.969			ND		YES	
52	PFTA	376-06-7		713.053 > 668.976			ND		YES	
53	M2PFTEDA	INT STD	12.51	715.053 > 669.945	46553		8.127		na	81.3

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Method: C:\MassLynx\Data\2019\190411_537ISO.PRO\MethDB\537ISO_Q_190215_RT.mdb 10 Apr 2019 16:27:50

Calibration: C:\MassLynx\Data\2019\190411_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 08:45:17

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBA

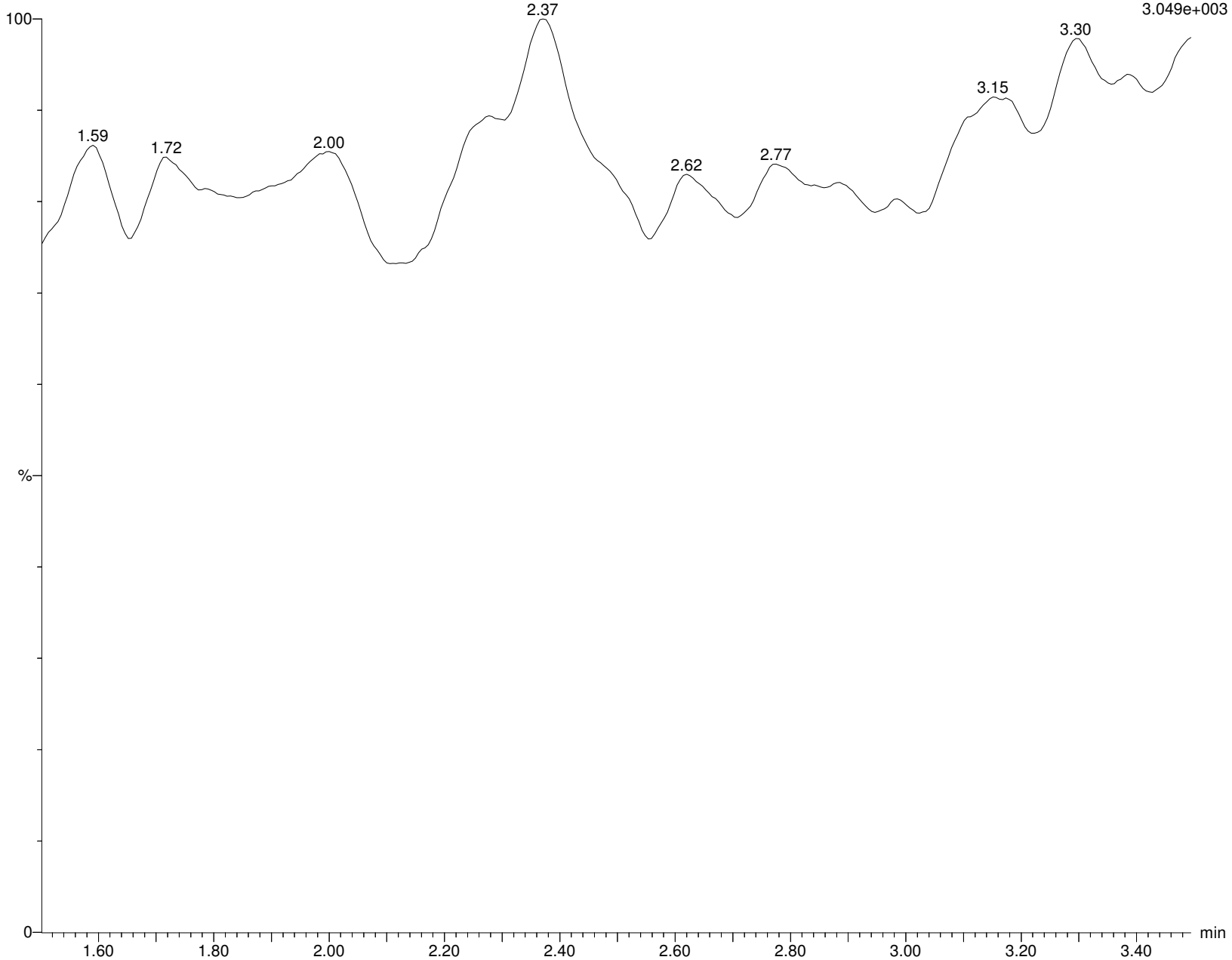
I3796 Smooth(Mn,2x5)

WG1225360,WG1224866,ICAL15513 L1913816-08

F1:MRM of 1 channel,ES-

212.926 > 169.111

3.049e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBA

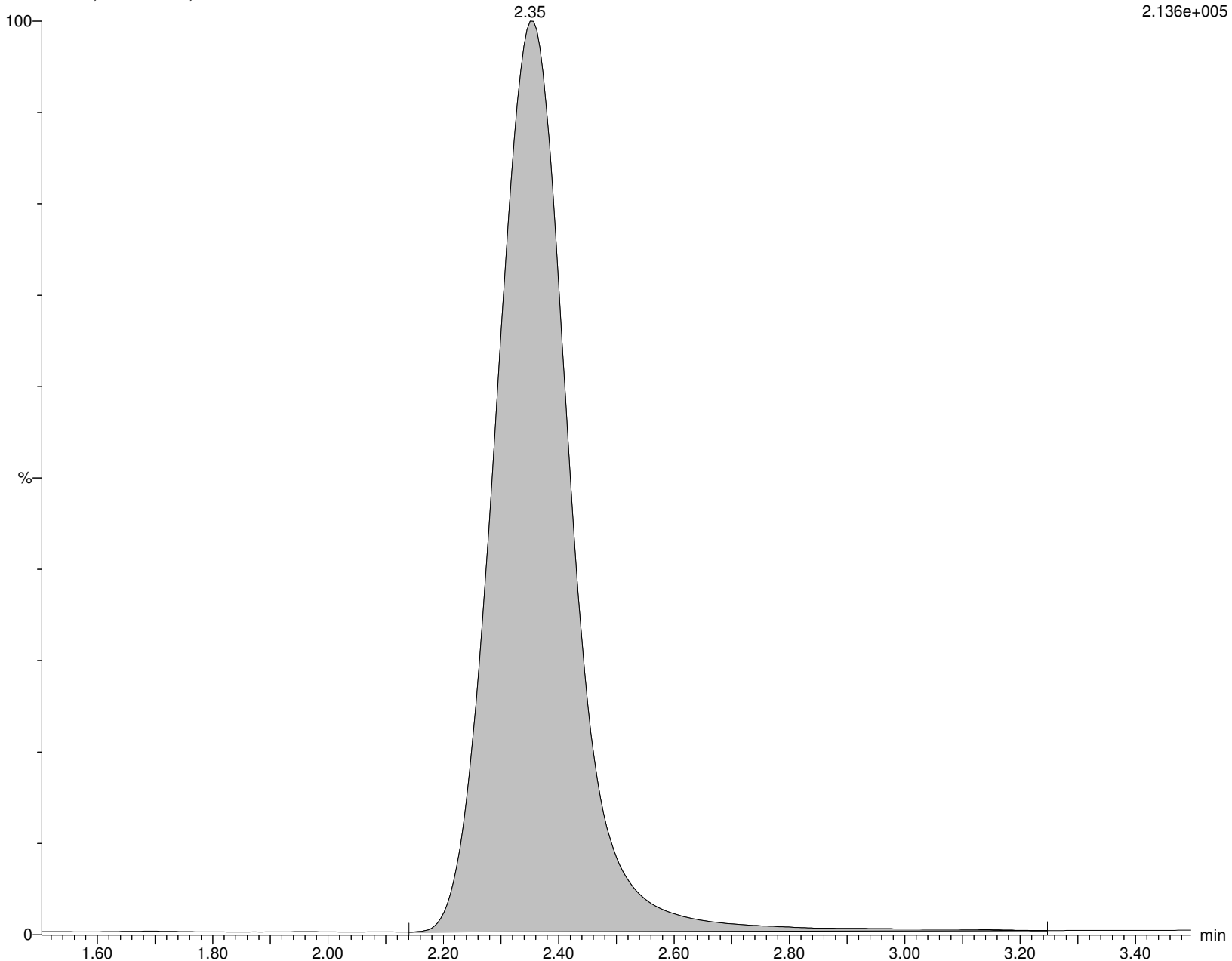
I3796 Smooth(Mn,2x6)

WG1225360,WG1224866,ICAL15513 L1913816-08

F2:MRM of 1 channel,ES-

215.926 > 172.122

2.136e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFBA

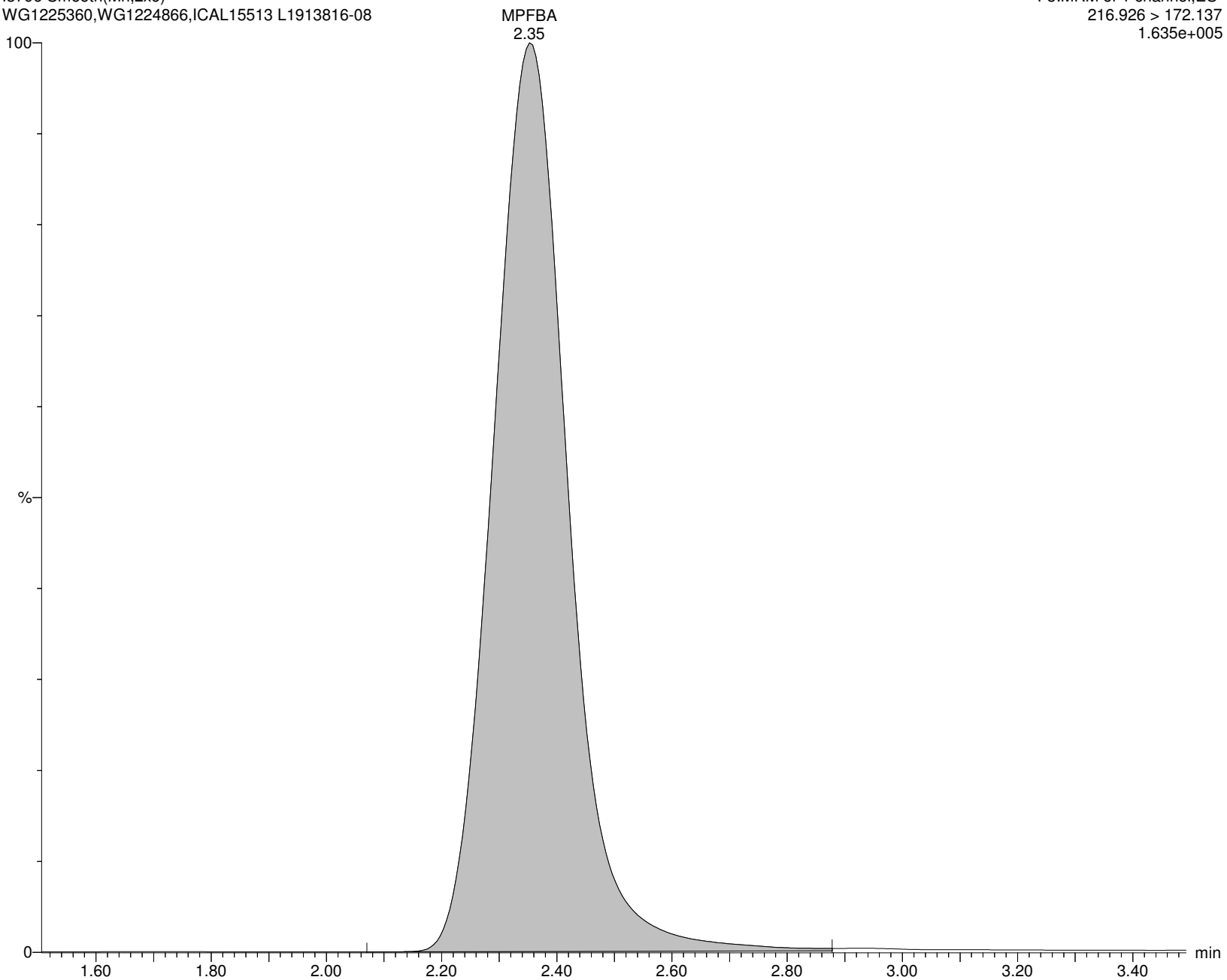
I3796 Smooth(Mn,2x6)

WG1225360,WG1224866,ICAL15513 L1913816-08

F3:MRM of 1 channel,ES-

216.926 > 172.137

1.635e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeA

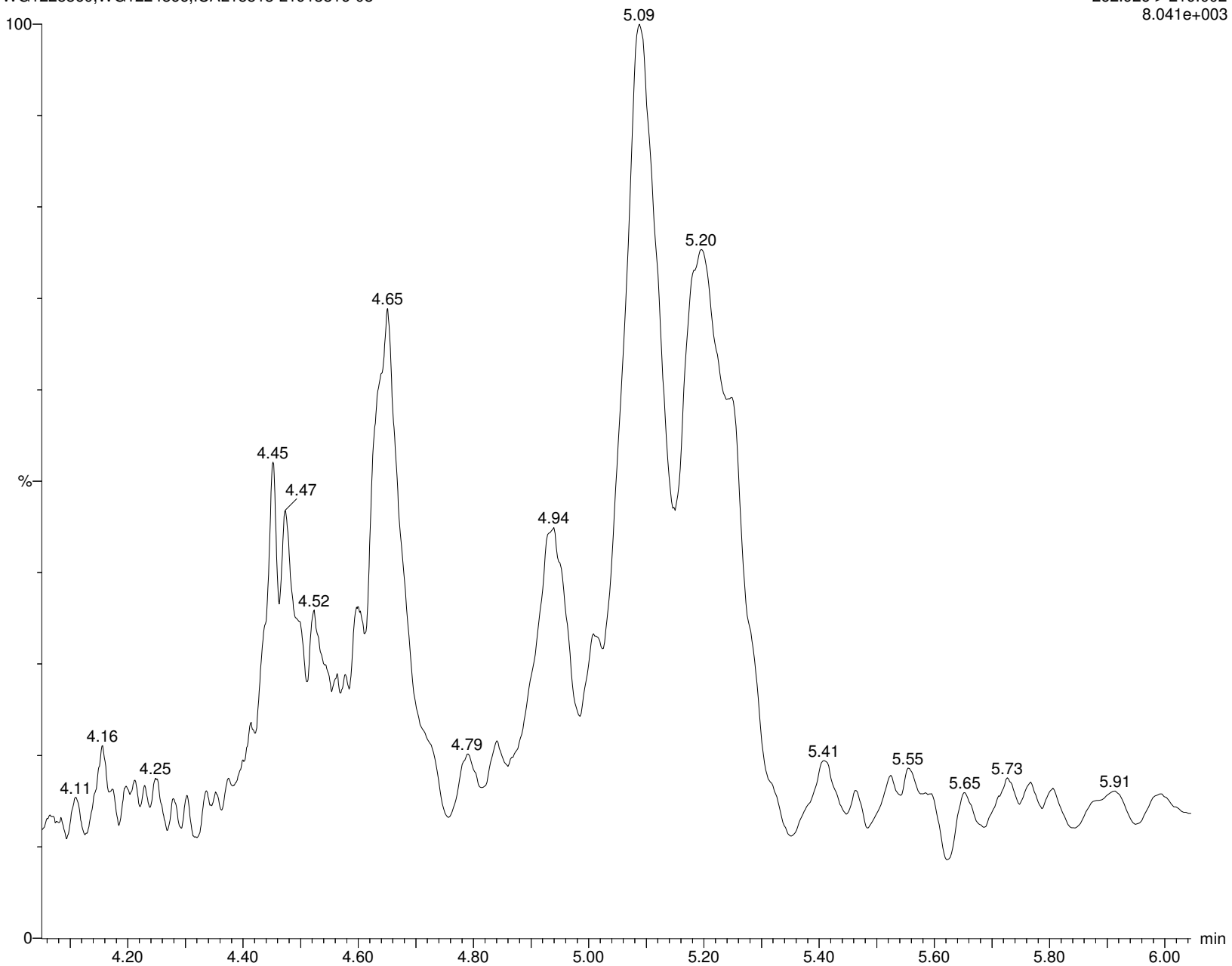
I3796 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513 L1913816-08

F4:MRM of 2 channels,ES-

262.926 > 219.002

8.041e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFPEA

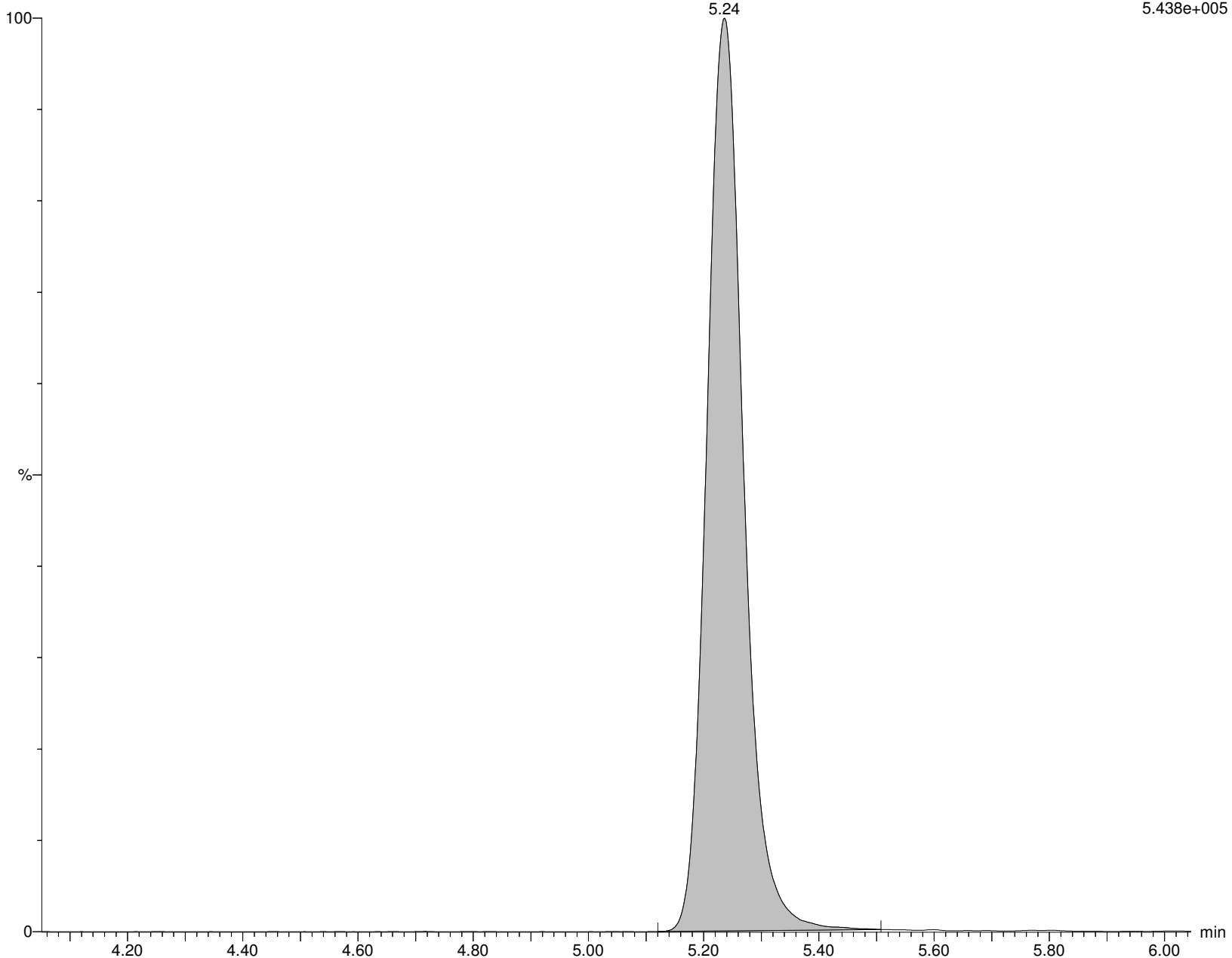
I3796 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513 L1913816-08

F5:MRM of 1 channel,ES-

267.989 > 223.081

5.438e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBS

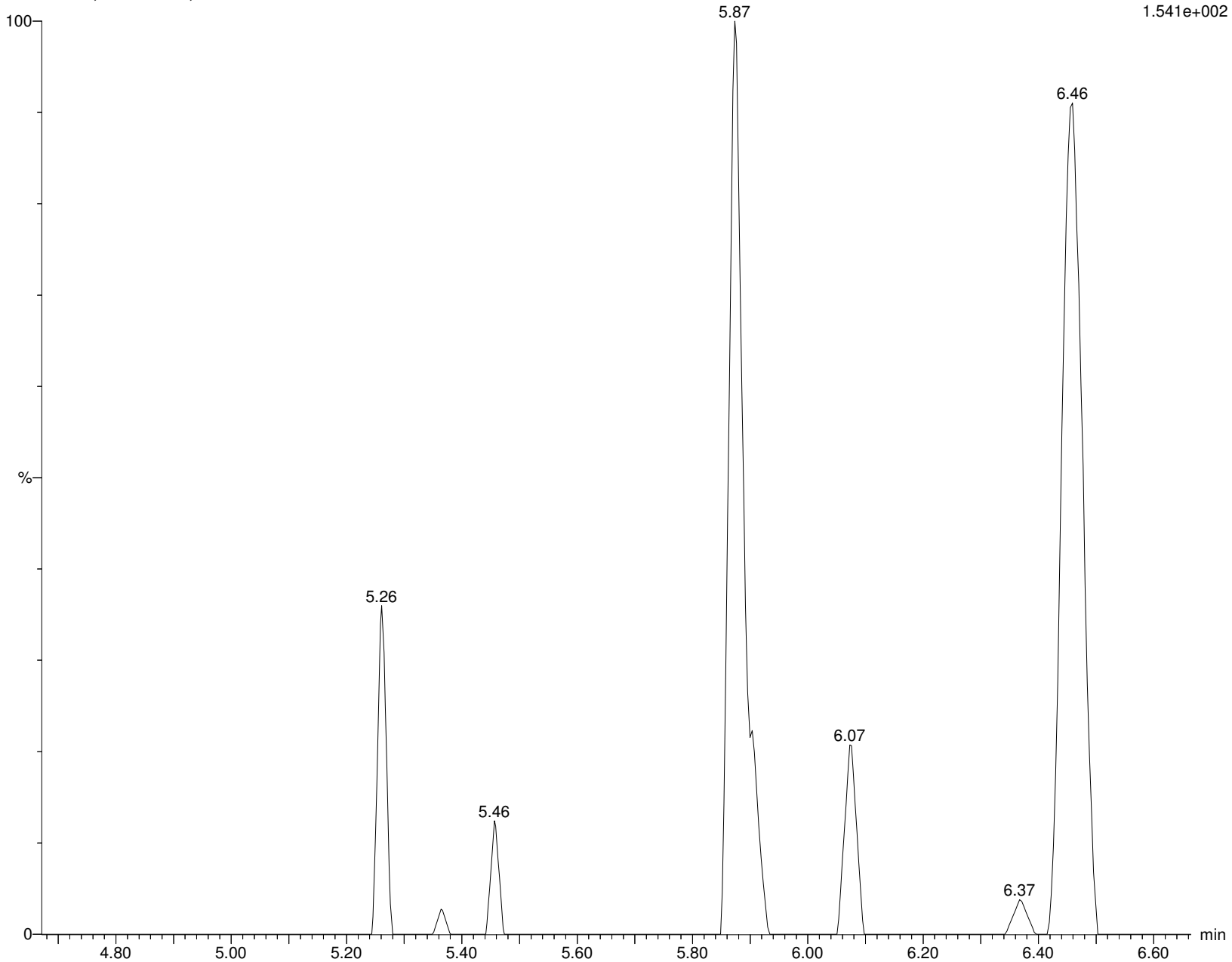
I3796 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-08

F6:MRM of 2 channels,ES-

298.989 > 80.295

1.541e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796**ID: L1913816-08****Date: 11-Apr-2019****Time: 16:16:26****Description: WG1225360,WG1224866,ICAL15513****User: LCMS02:JW****Vial: 1:C,5****Instrument: XEVO-TQSmicro#QEB0050****Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B****Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR****MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP****M3PFBS**

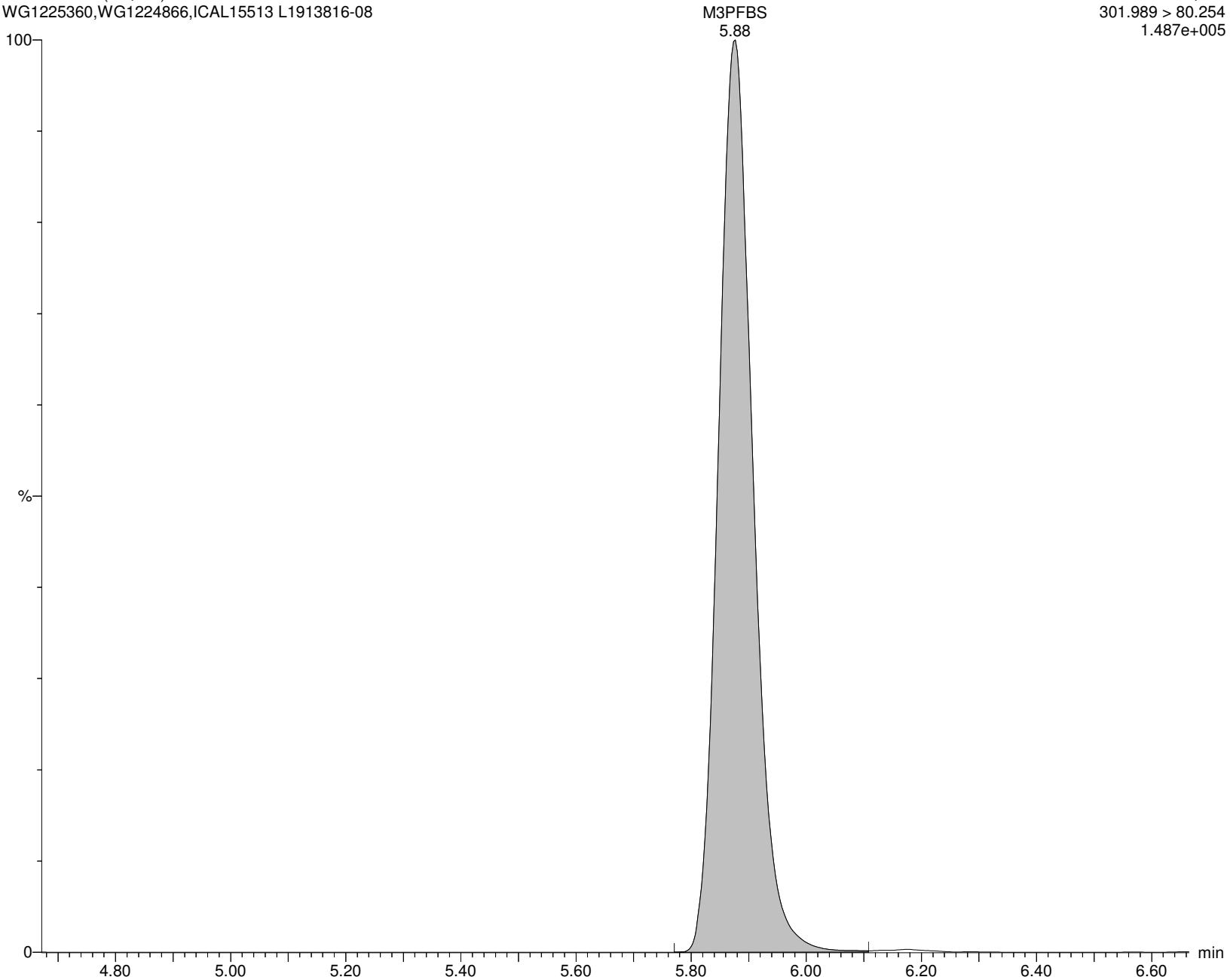
I3796 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513 L1913816-08

F7:MRM of 1 channel,ES-

301.989 > 80.254

1.487e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

4:2FTS

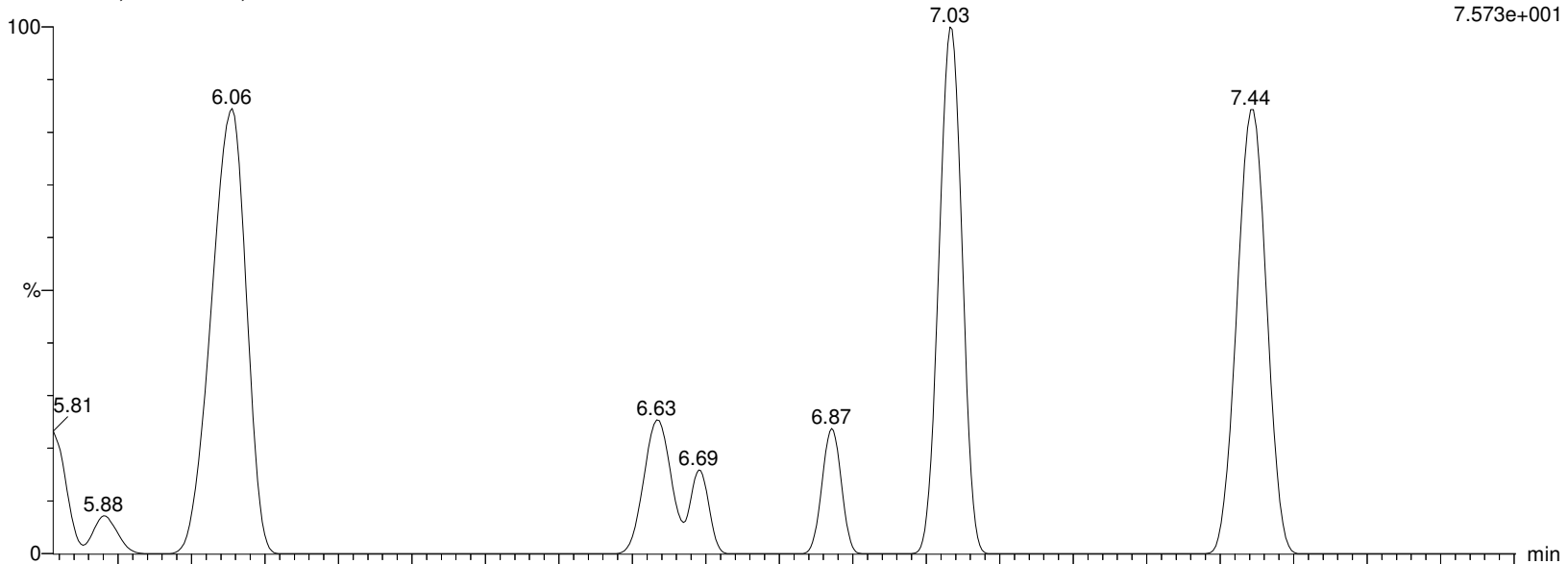
I3796 Smooth(Mn,5x3)

WG1225360,WG1224866,ICAL15513 L1913816-08

F10:MRM of 2 channels,ES-

326.926 > 306.957

7.573e+001



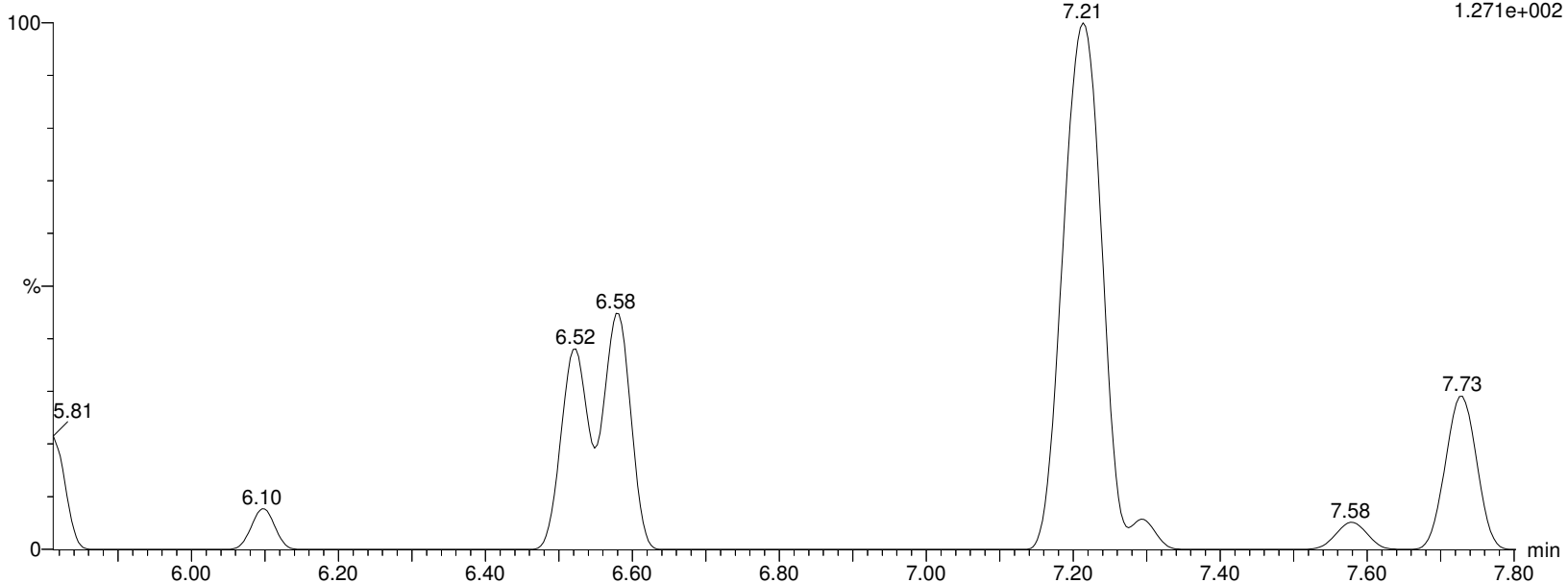
I3796 Smooth(Mn,5x3)

WG1225360,WG1224866,ICAL15513 L1913816-08

F10:MRM of 2 channels,ES-

326.926 > 81.02

1.271e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796**ID: L1913816-08****Date: 11-Apr-2019****Time: 16:16:26****Description: WG1225360,WG1224866,ICAL15513****User: LCMS02:JW****Vial: 1:C,5****Instrument: XEVO-TQSmicro#QEB0050****Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B****Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR****MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP****M2-4:2FTS**

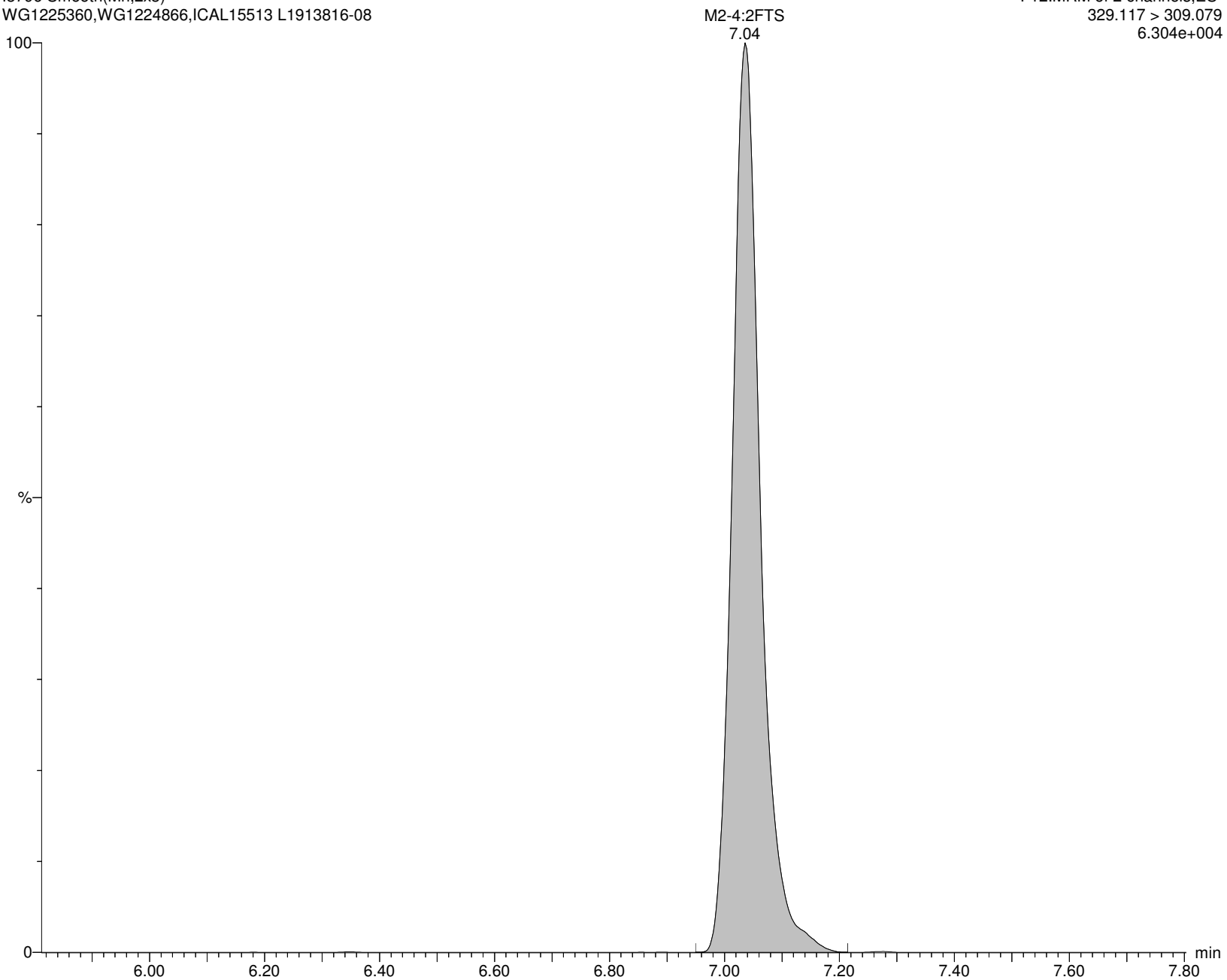
I3796 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-08

F12:MRM of 2 channels,ES-

329.117 > 309.079

6.304e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxA

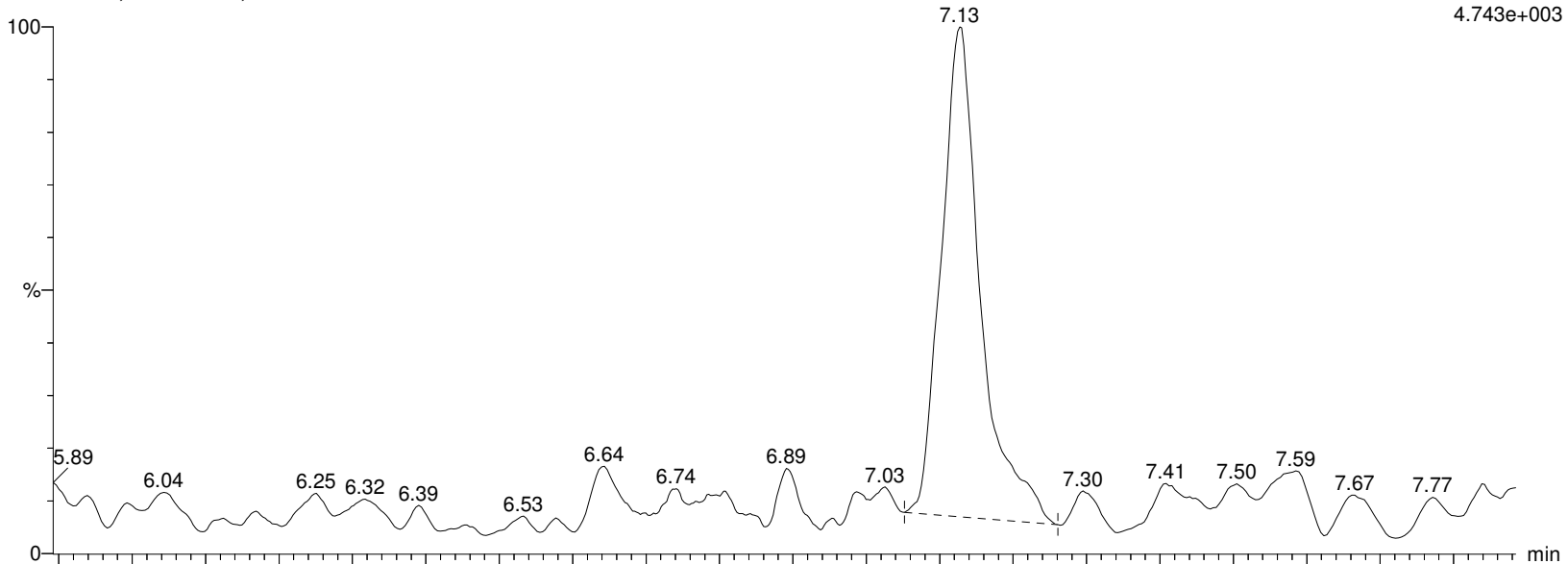
I3796 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-08

F8:MRM of 2 channels,ES-

312.989 > 269.028

4.743e+003



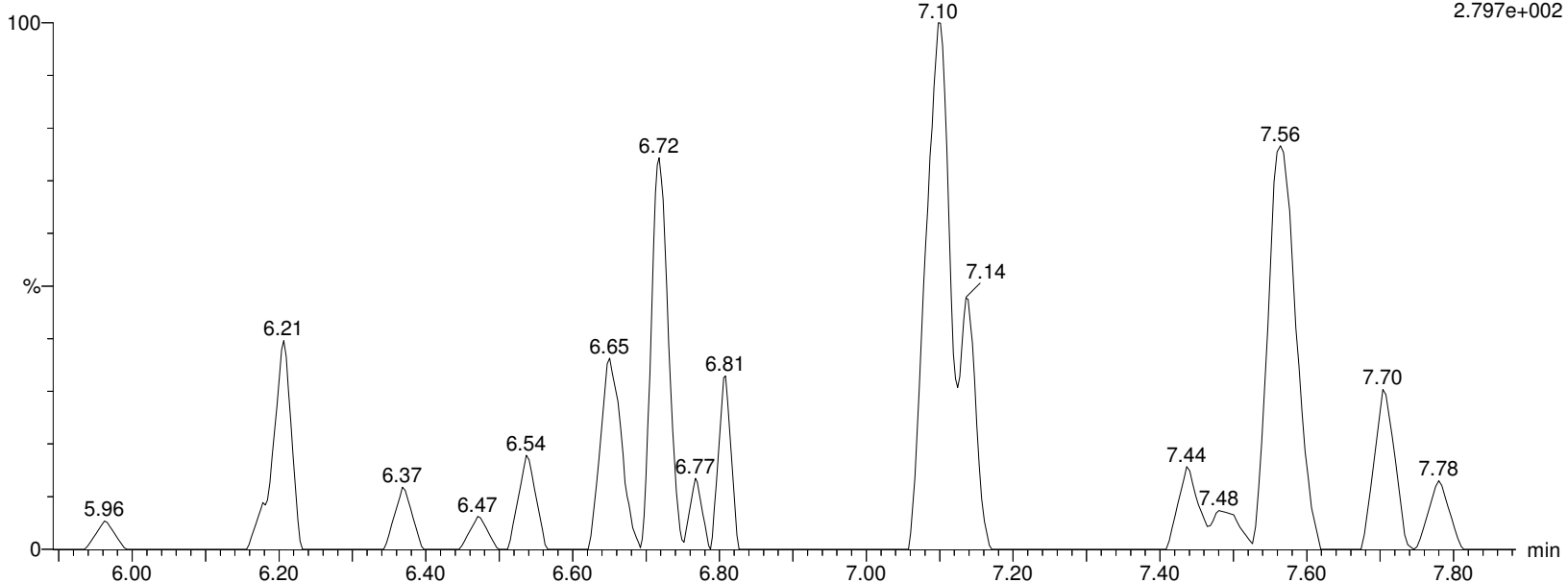
I3796 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-08

F8:MRM of 2 channels,ES-

312.989 > 119.18

2.797e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFHxA

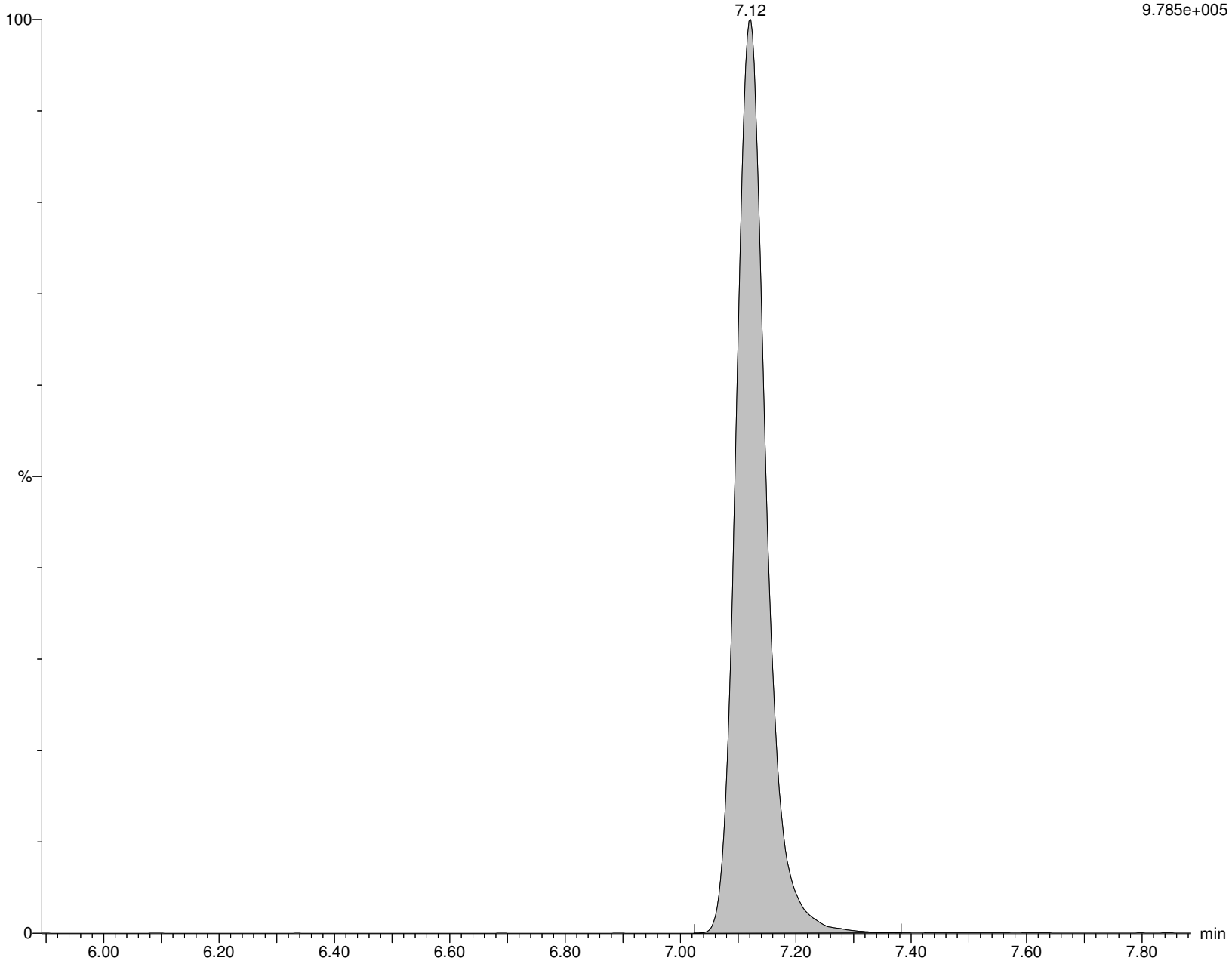
I3796 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-08

F9:MRM of 1 channel,ES-

317.989 > 273.045

9.785e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeS

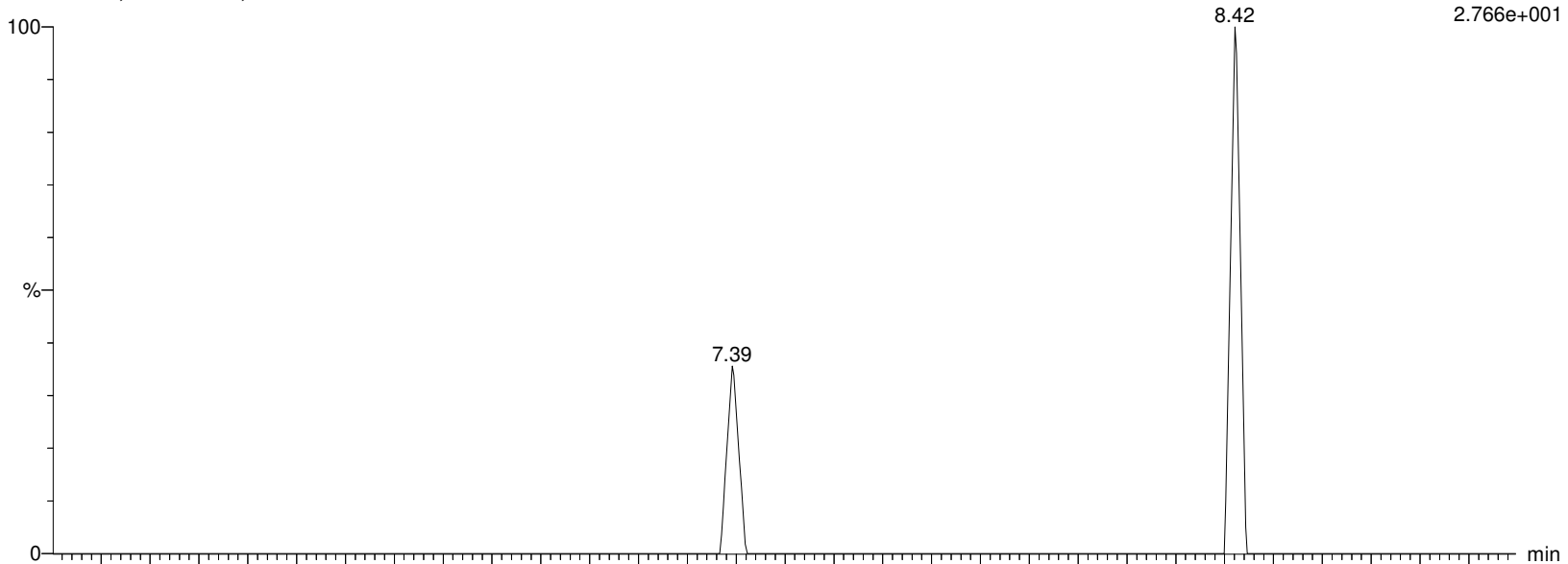
I3796 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-08

F14:MRM of 2 channels,ES-

348.926 > 80.251

2.766e+001



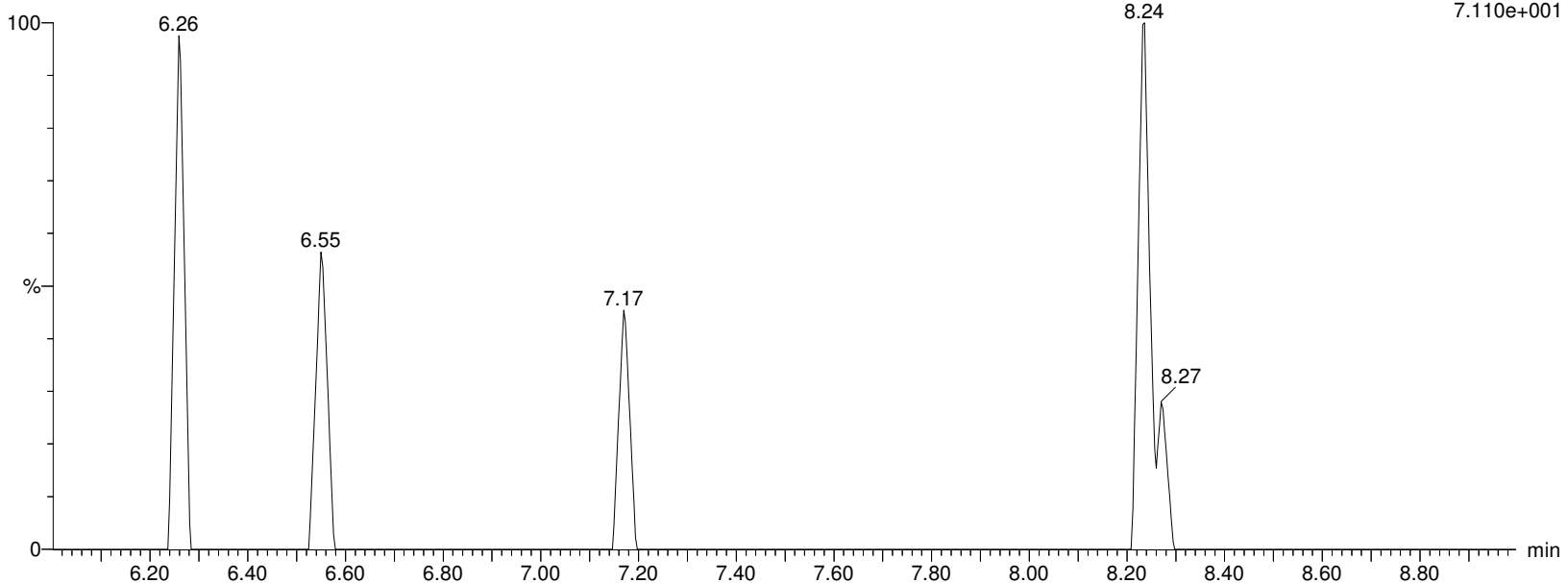
I3796 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-08

F14:MRM of 2 channels,ES-

348.926 > 99.16

7.110e+001



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpA

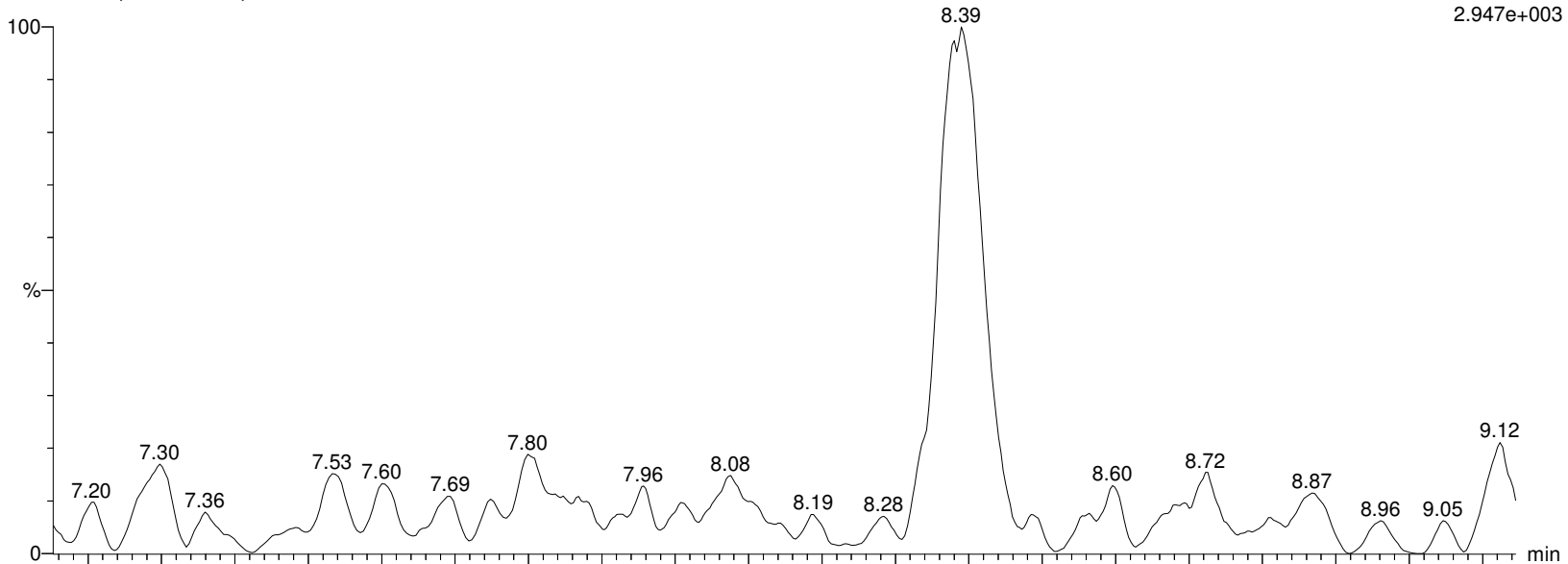
I3796 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-08

F15:MRM of 2 channels,ES-

362.926 > 319.014

2.947e+003



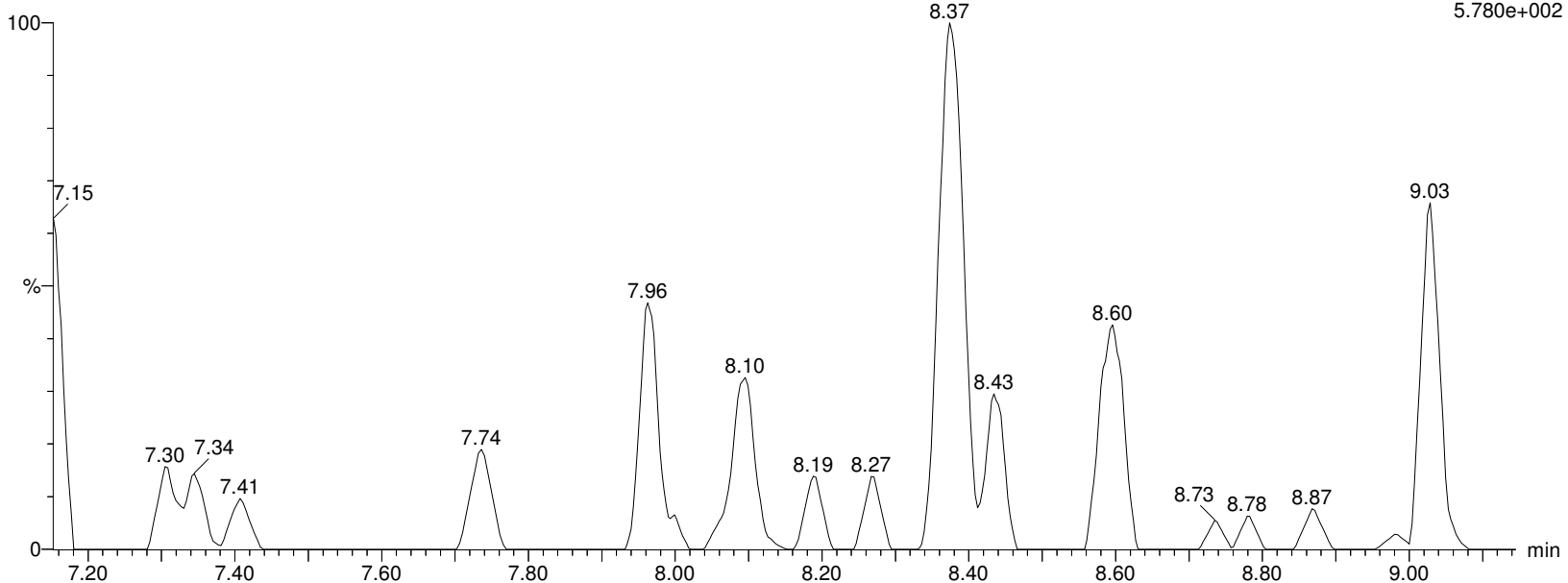
I3796 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-08

F15:MRM of 2 channels,ES-

362.926 > 169.12

5.780e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFHpA

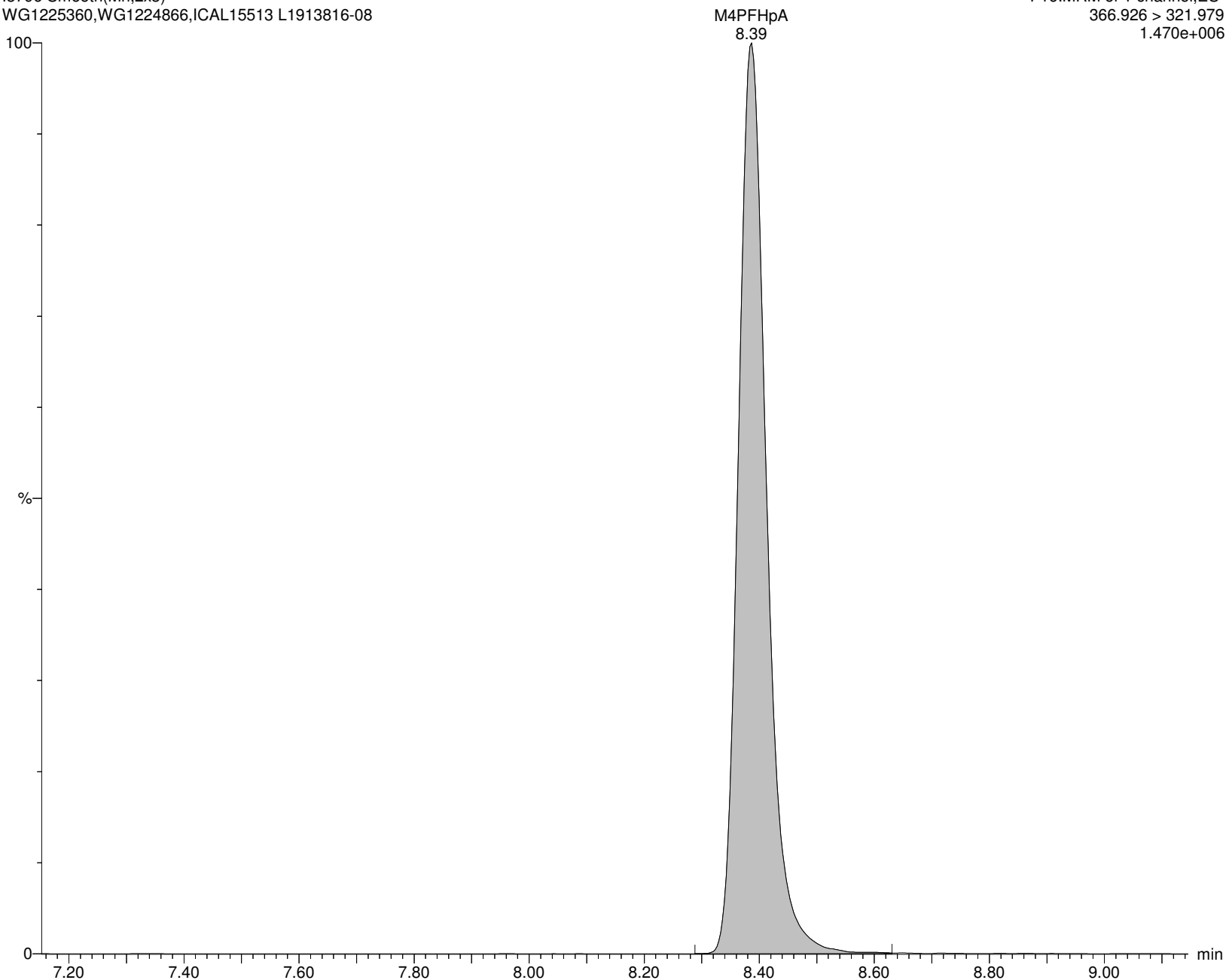
I3796 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-08

F16:MRM of 1 channel,ES-

366.926 > 321.979

1.470e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFHxS

I3796 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-08

F18:MRM of 2 channels,ES-

398.926 > 80.295

1.000e-003



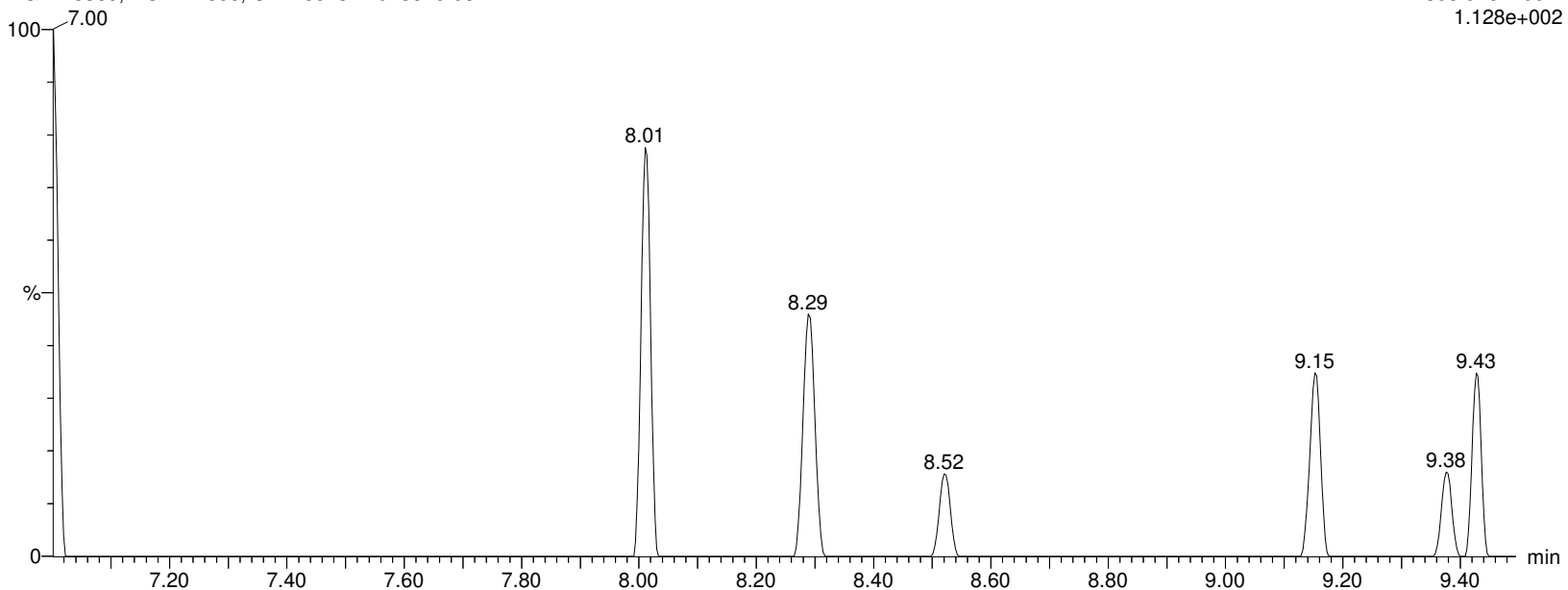
I3796 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-08

F18:MRM of 2 channels,ES-

398.926 > 99.2

1.128e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFHxS

I3796 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-08

F18:MRM of 2 channels,ES-

398.926 > 80.295

1.000e-003



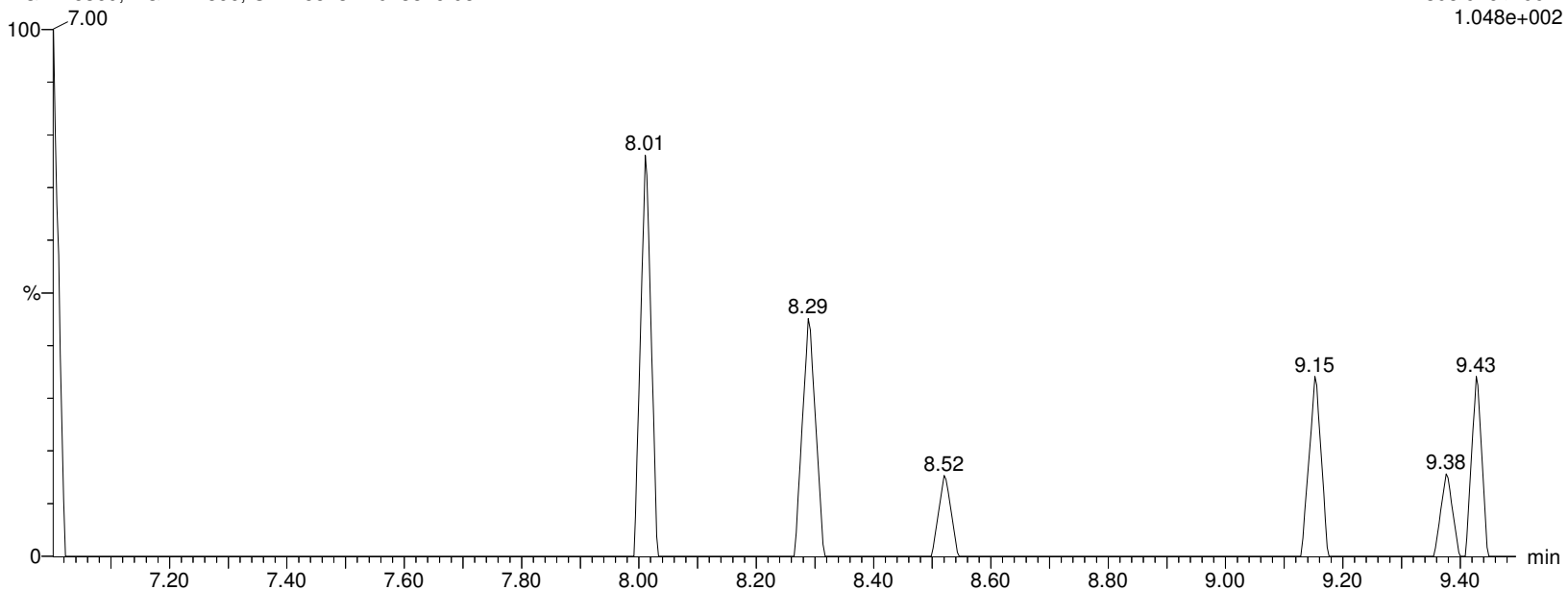
I3796 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-08

F18:MRM of 2 channels,ES-

398.926 > 99.2

1.048e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxS

I3796 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-08

F18:MRM of 2 channels,ES-

398.926 > 80.295

1.000e-003



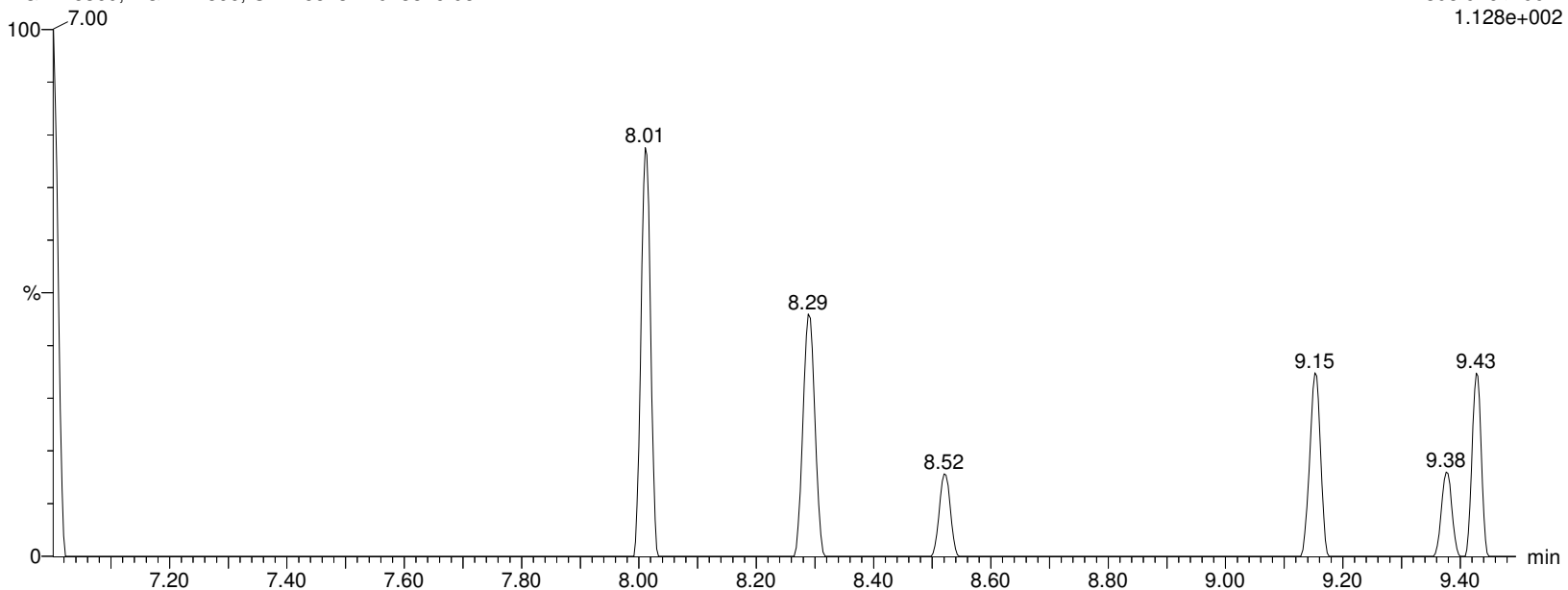
I3796 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-08

F18:MRM of 2 channels,ES-

398.926 > 99.2

1.128e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFHxS

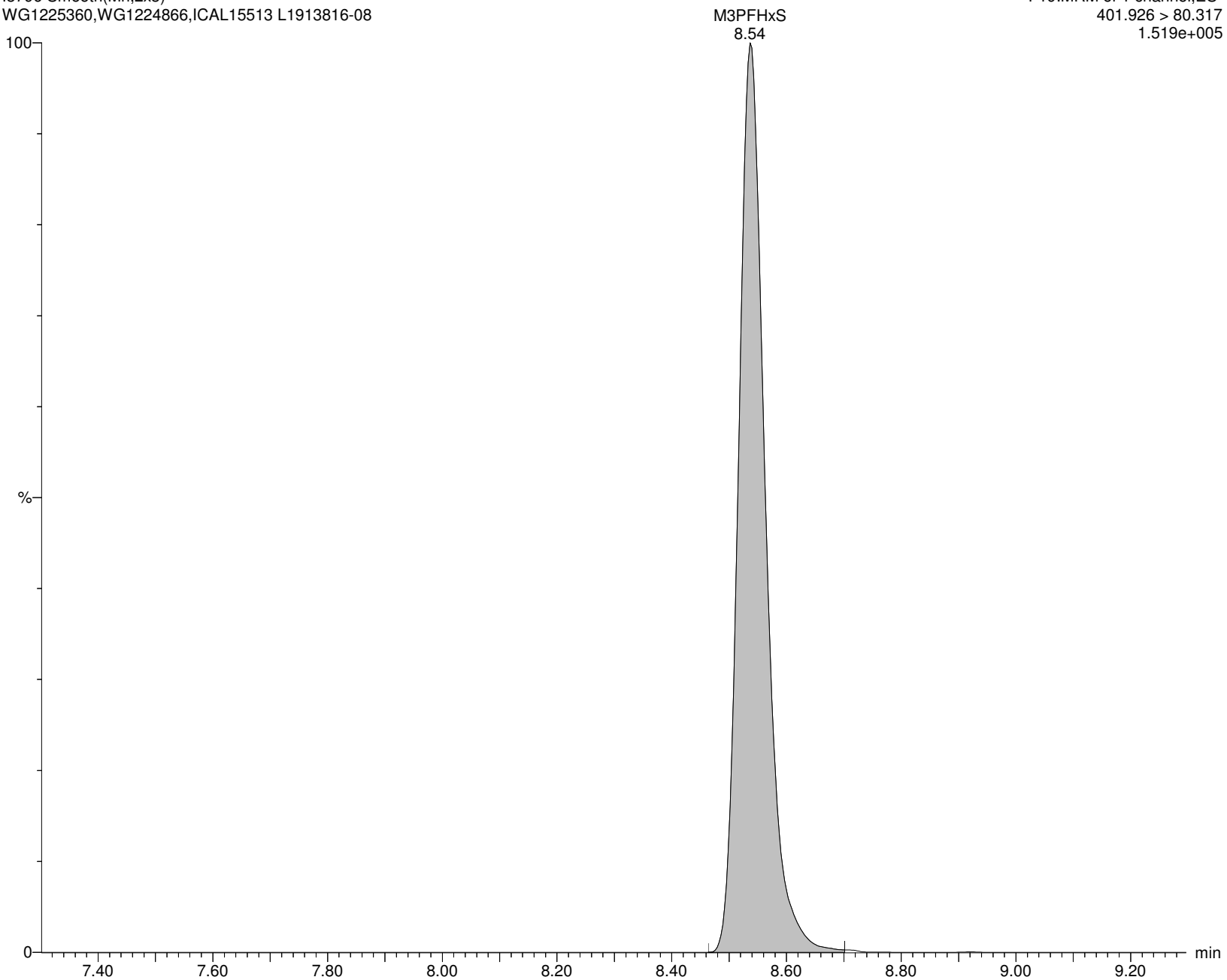
I3796 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-08

F19:MRM of 1 channel,ES-

401.926 > 80.317

1.519e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOA

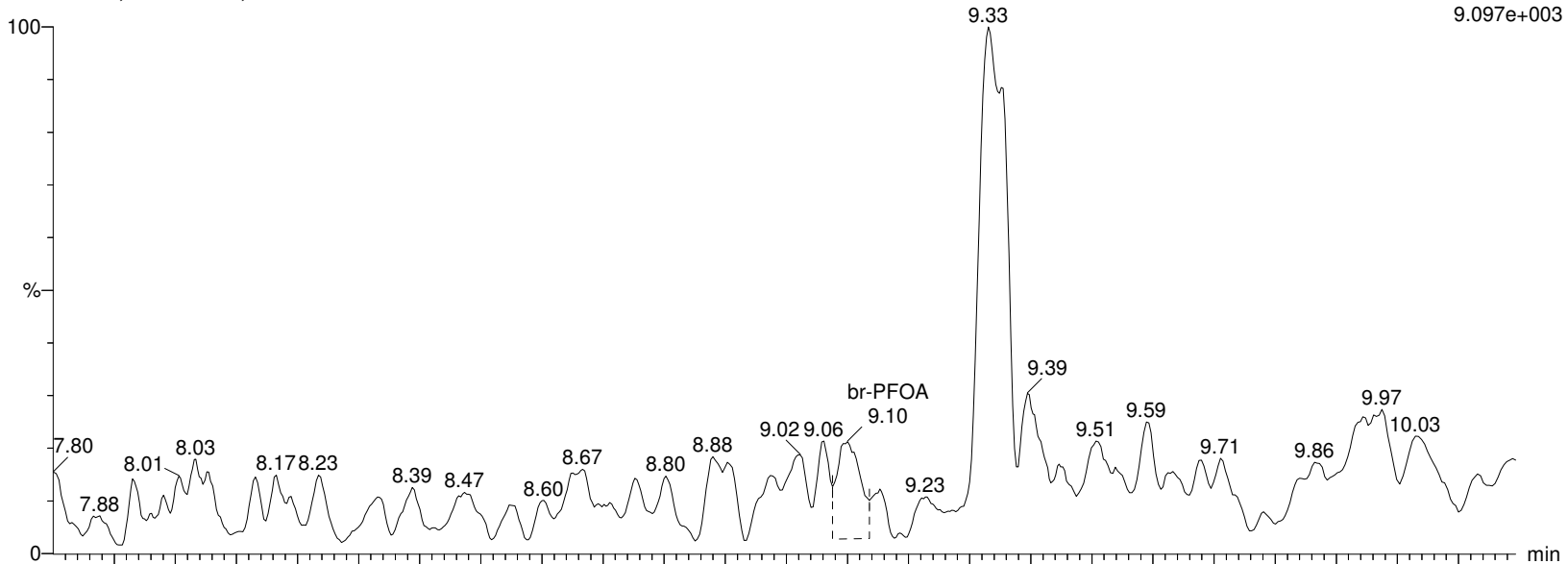
I3796 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-08

F20:MRM of 2 channels,ES-

412.989 > 368.9

9.097e+003



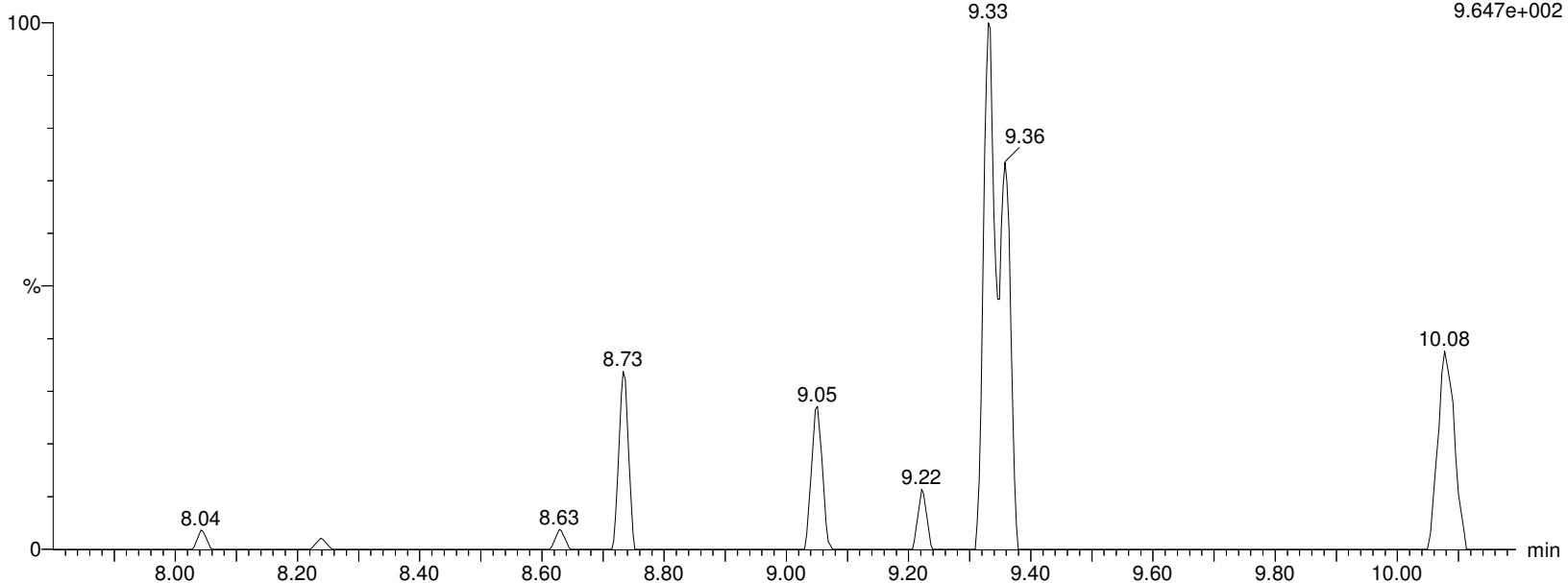
I3796 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-08

F20:MRM of 2 channels,ES-

412.989 > 219.08

9.647e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOA

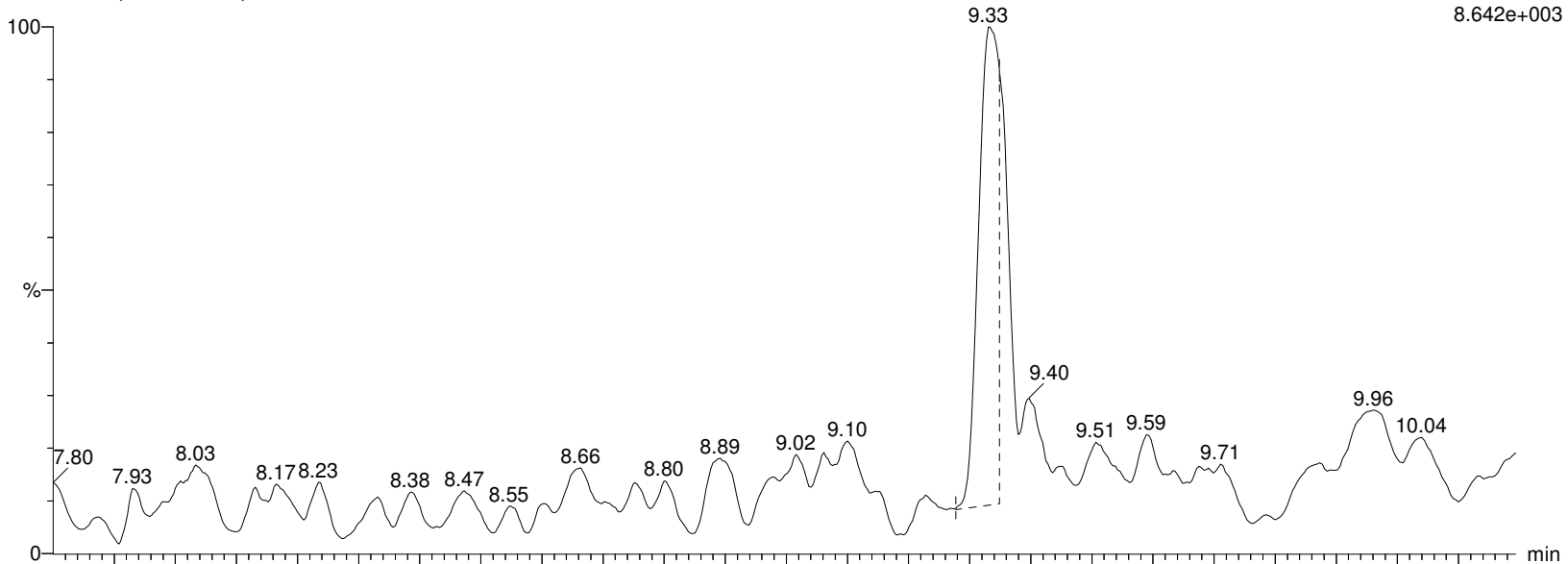
I3796 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-08

F20:MRM of 2 channels,ES-

412.989 > 368.9

8.642e+003



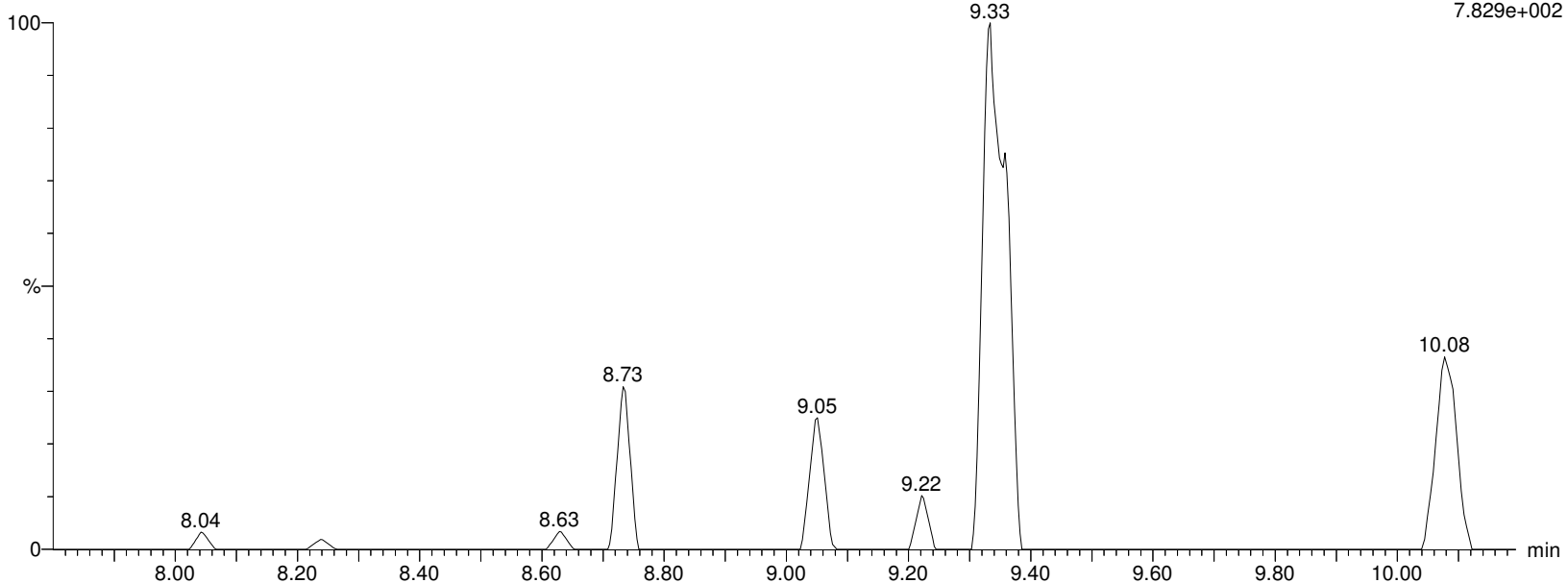
I3796 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-08

F20:MRM of 2 channels,ES-

412.989 > 219.08

7.829e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFOA

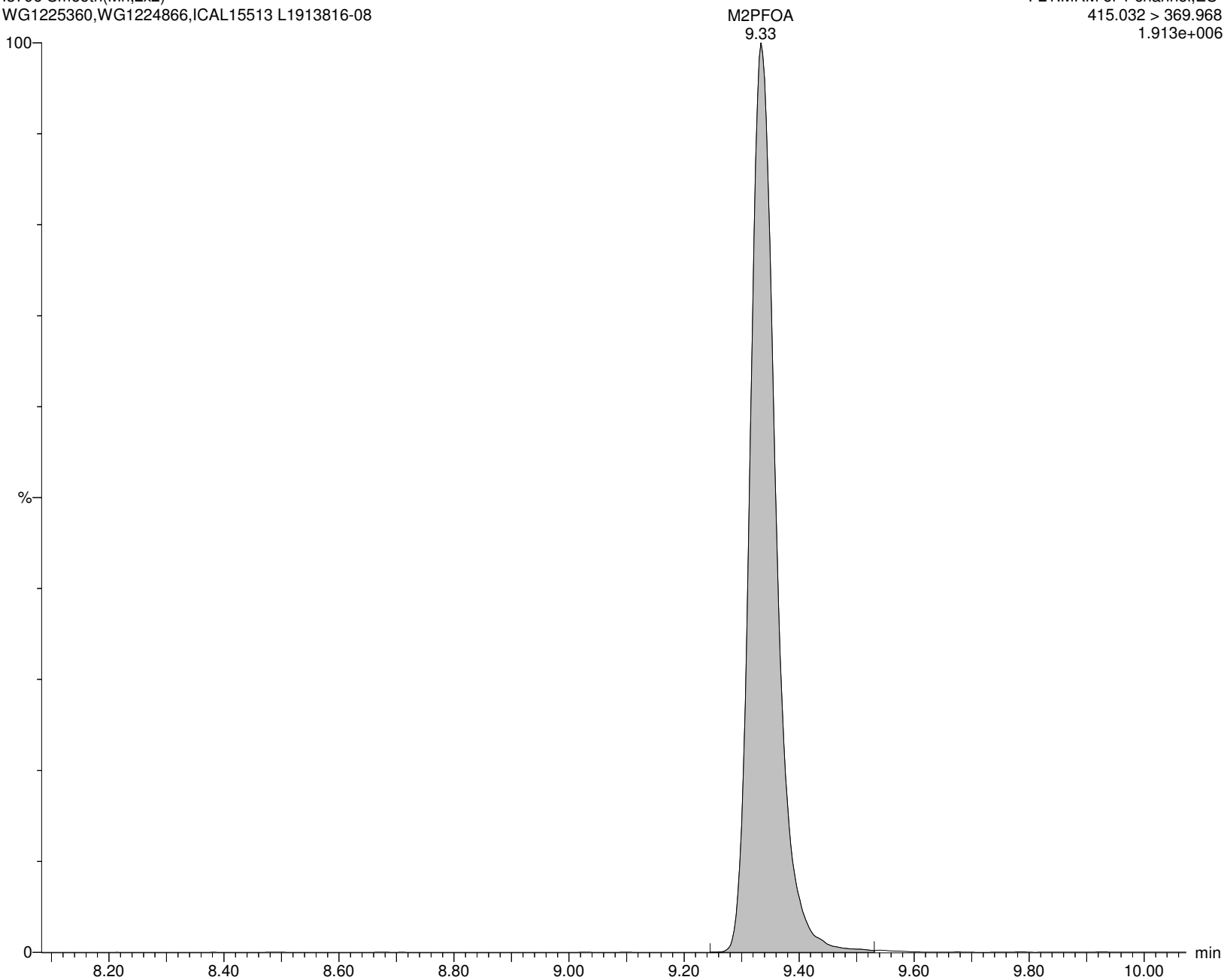
I3796 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-08

F21:MRM of 1 channel,ES-

415.032 > 369.968

1.913e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOA

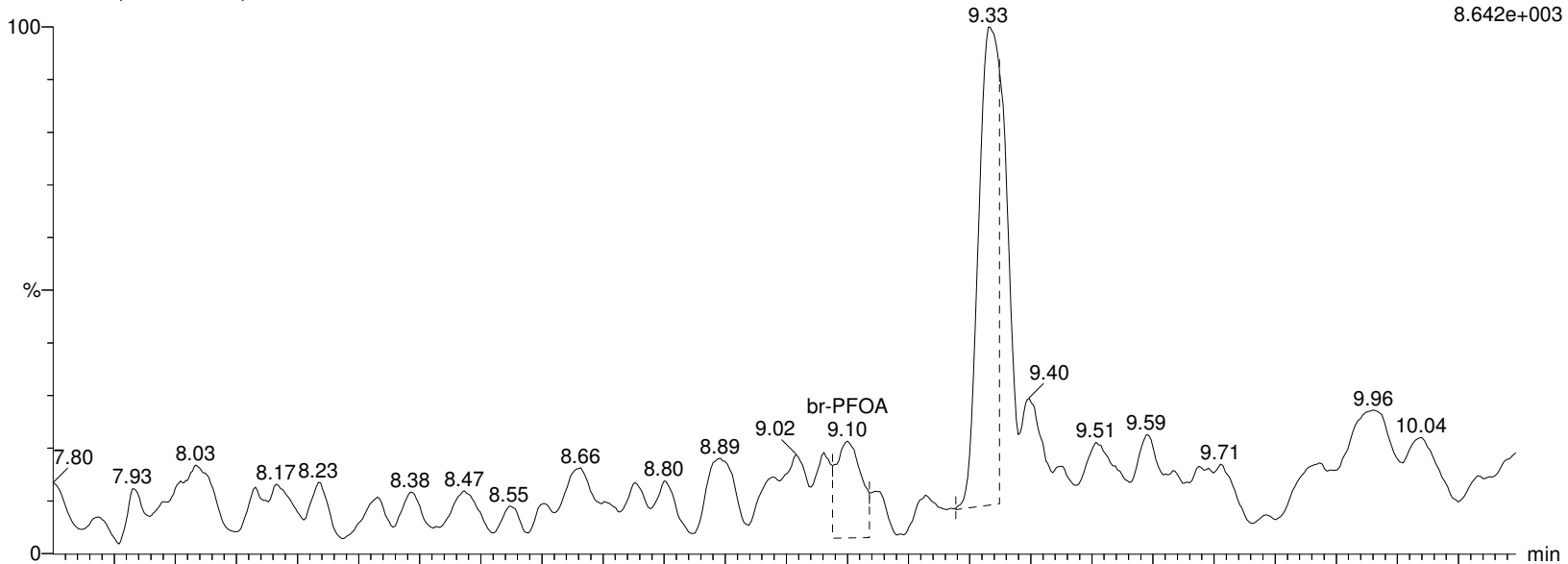
I3796 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-08

F20:MRM of 2 channels,ES-

412.989 > 368.9

8.642e+003



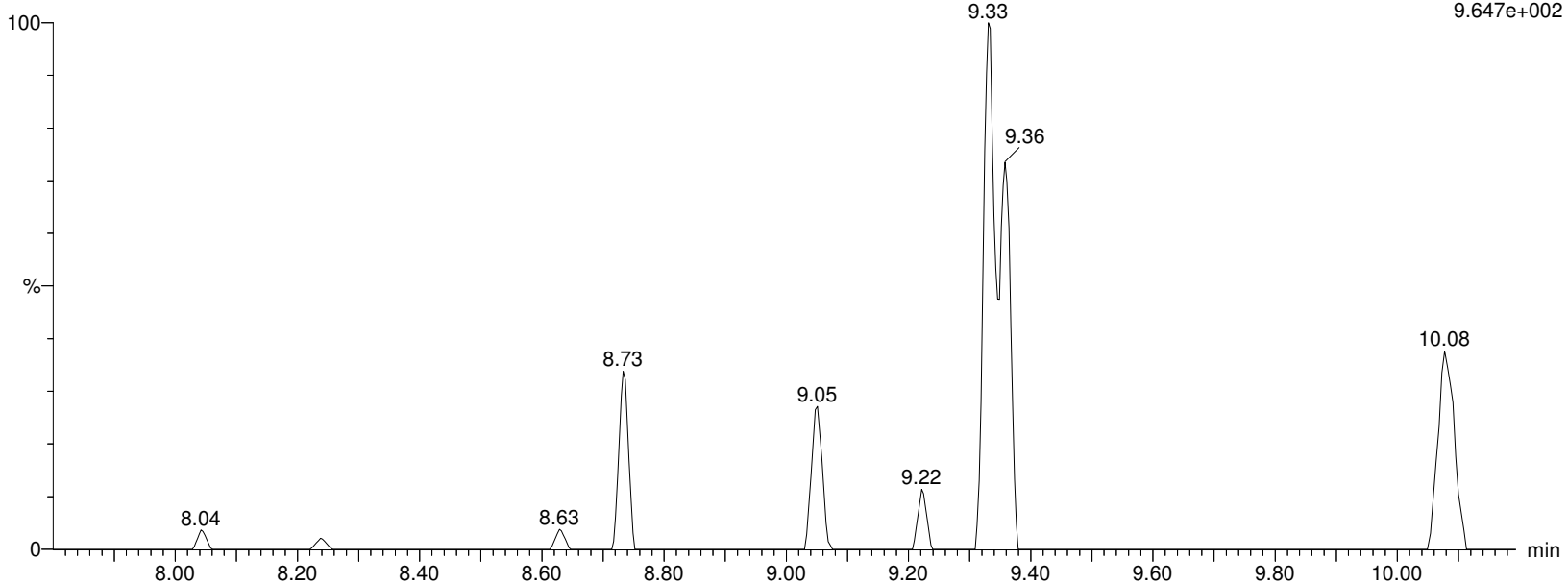
I3796 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-08

F20:MRM of 2 channels,ES-

412.989 > 219.08

9.647e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOA

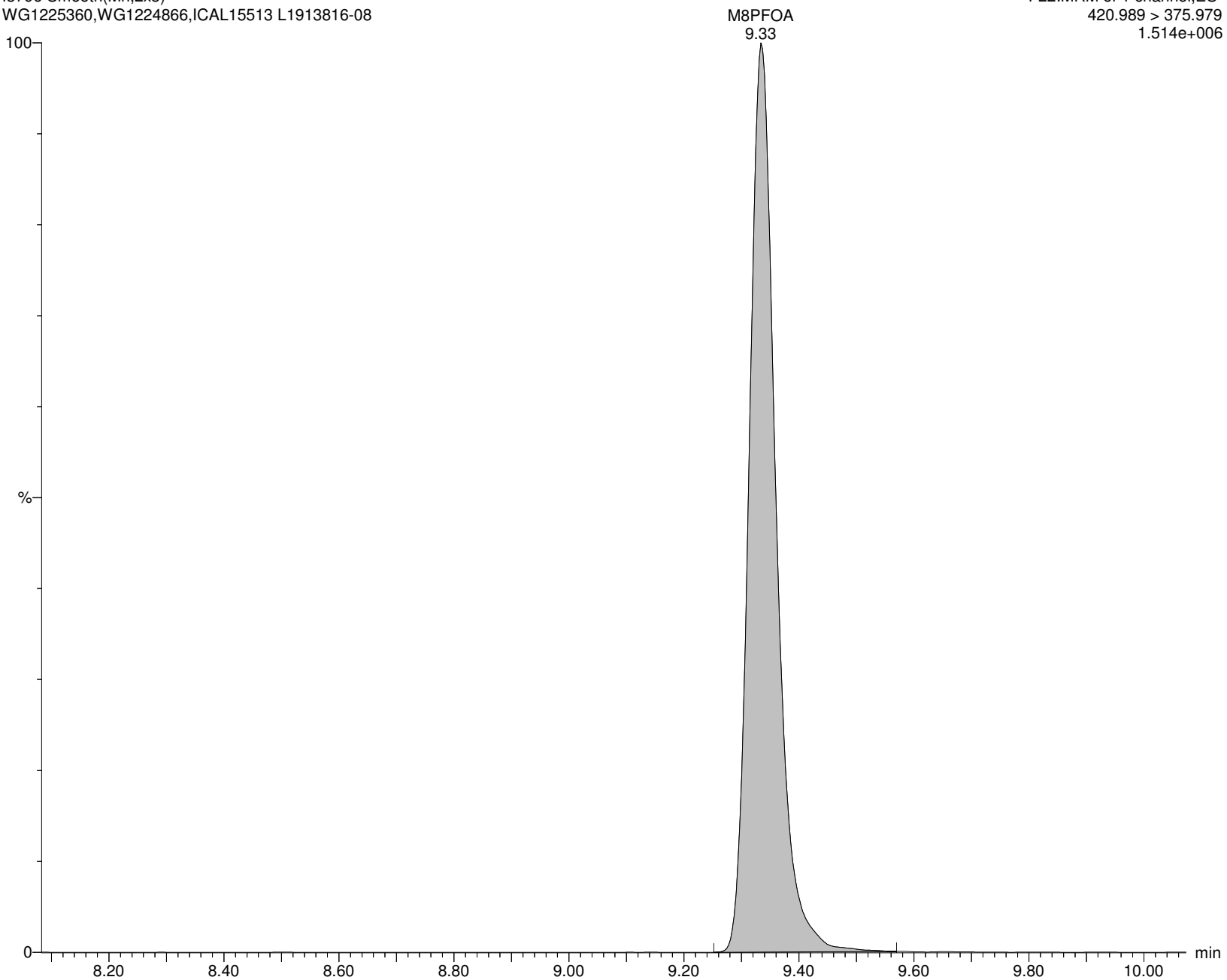
I3796 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-08

F22:MRM of 1 channel,ES-

420.989 > 375.979

1.514e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

6:2FTS

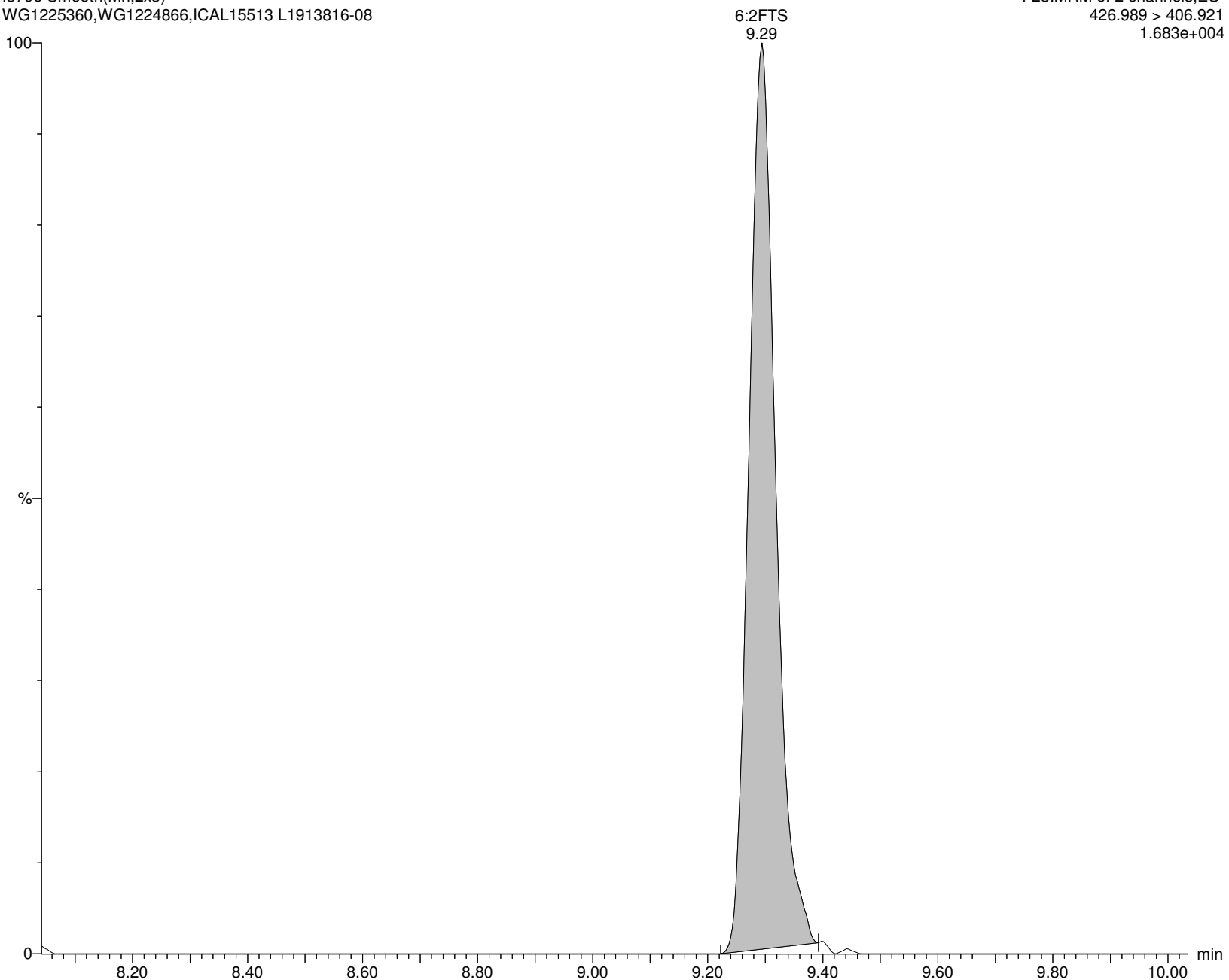
I3796 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-08

F23:MRM of 2 channels,ES-

426.989 > 406.921

1.683e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-6:2FTS

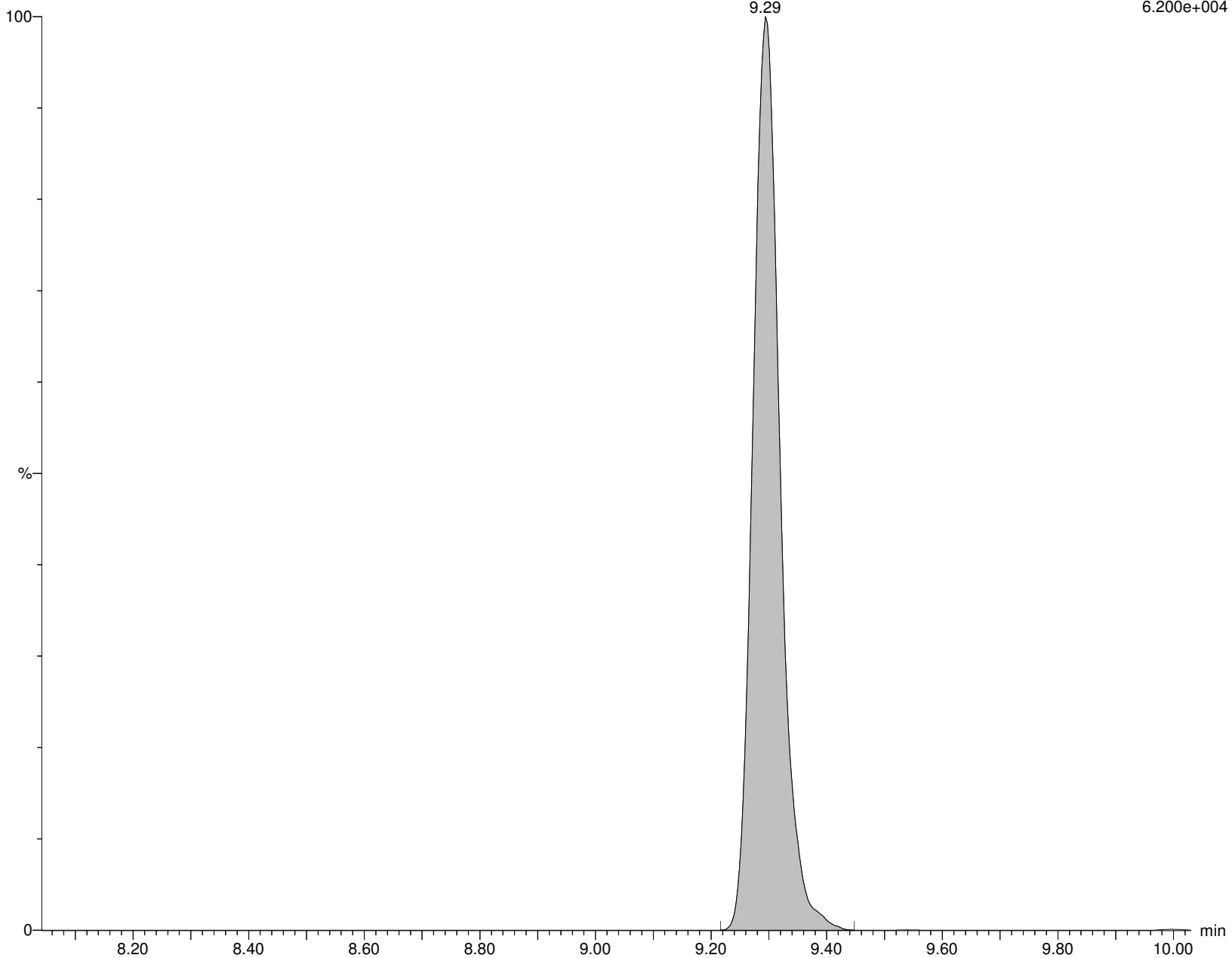
I3796 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-08

F24:MRM of 1 channel,ES-

428.989 > 408.917

6.200e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpS

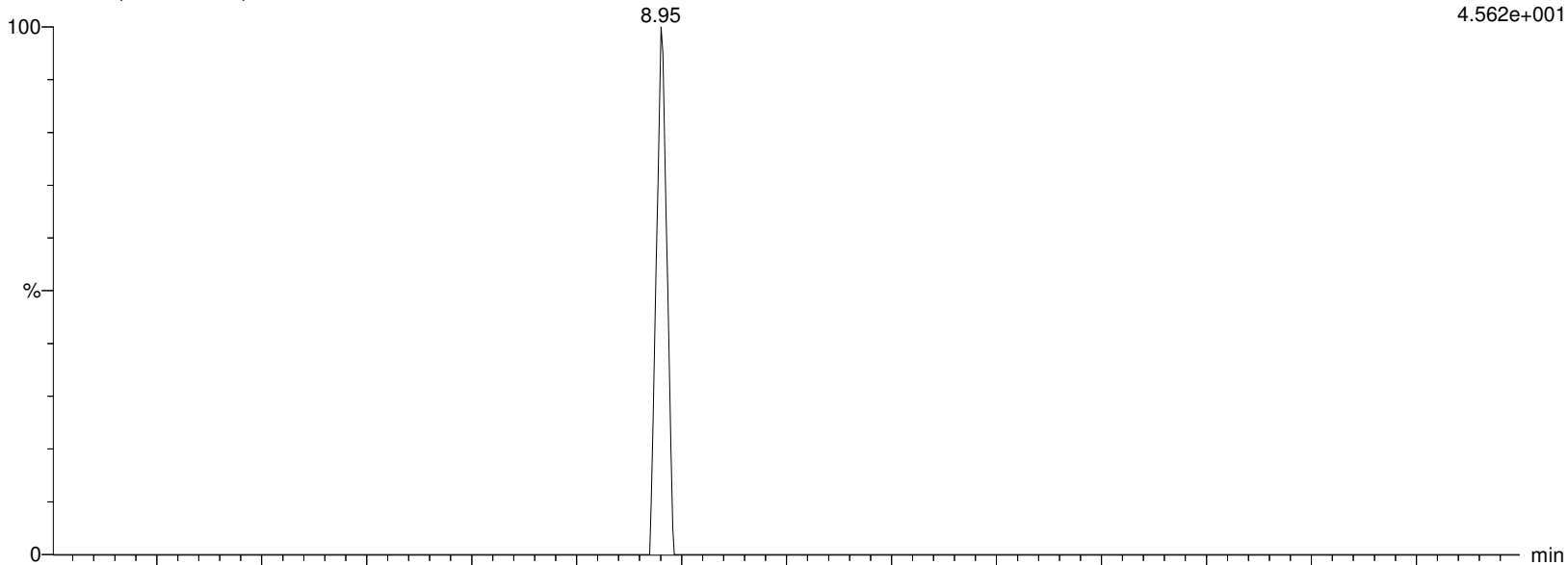
I3796 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 L1913816-08

F25:MRM of 2 channels, ES-

448.926 > 80.257

4.562e+001



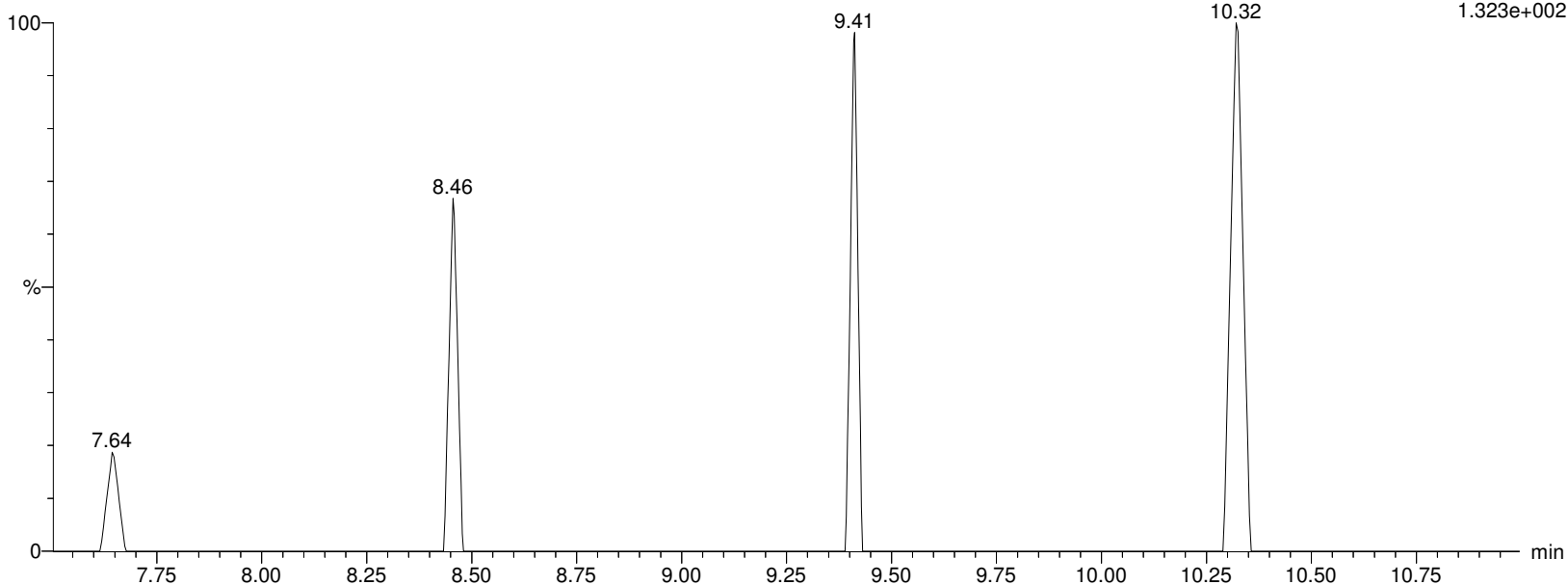
I3796 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 L1913816-08

F25:MRM of 2 channels, ES-

448.926 > 99.22

1.323e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNA

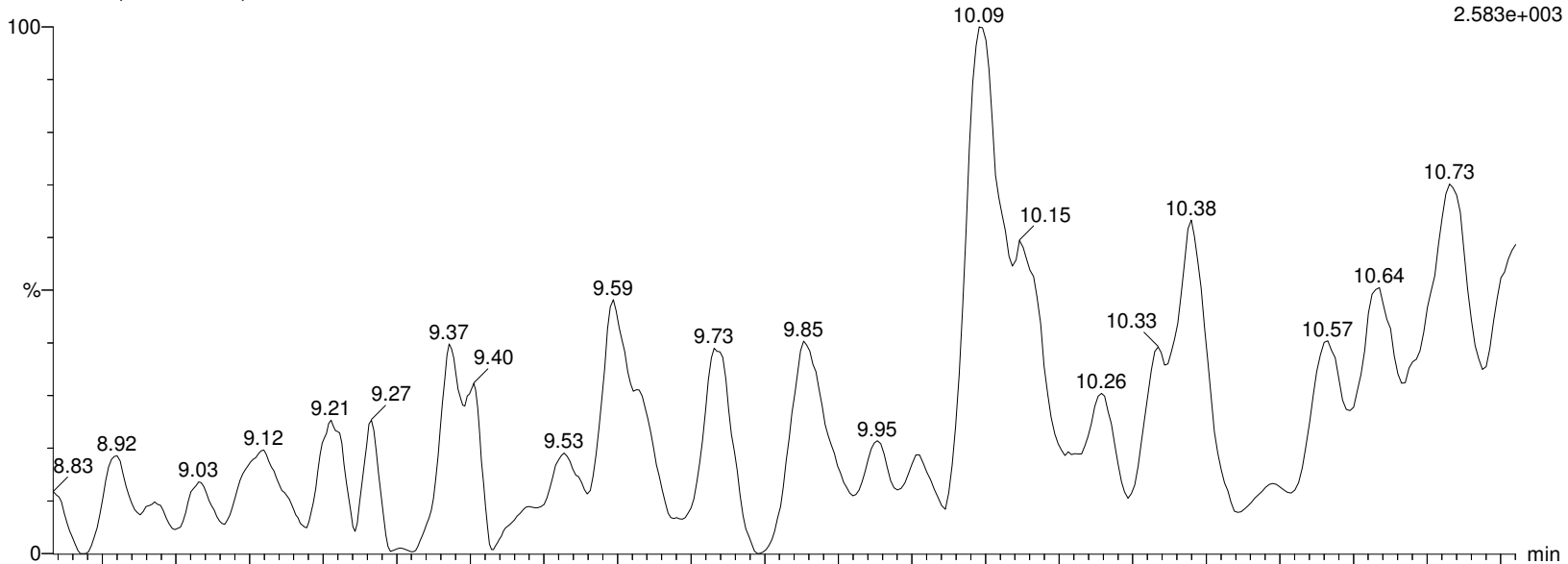
I3796 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-08

F26:MRM of 2 channels,ES-

462.989 > 418.931

2.583e+003



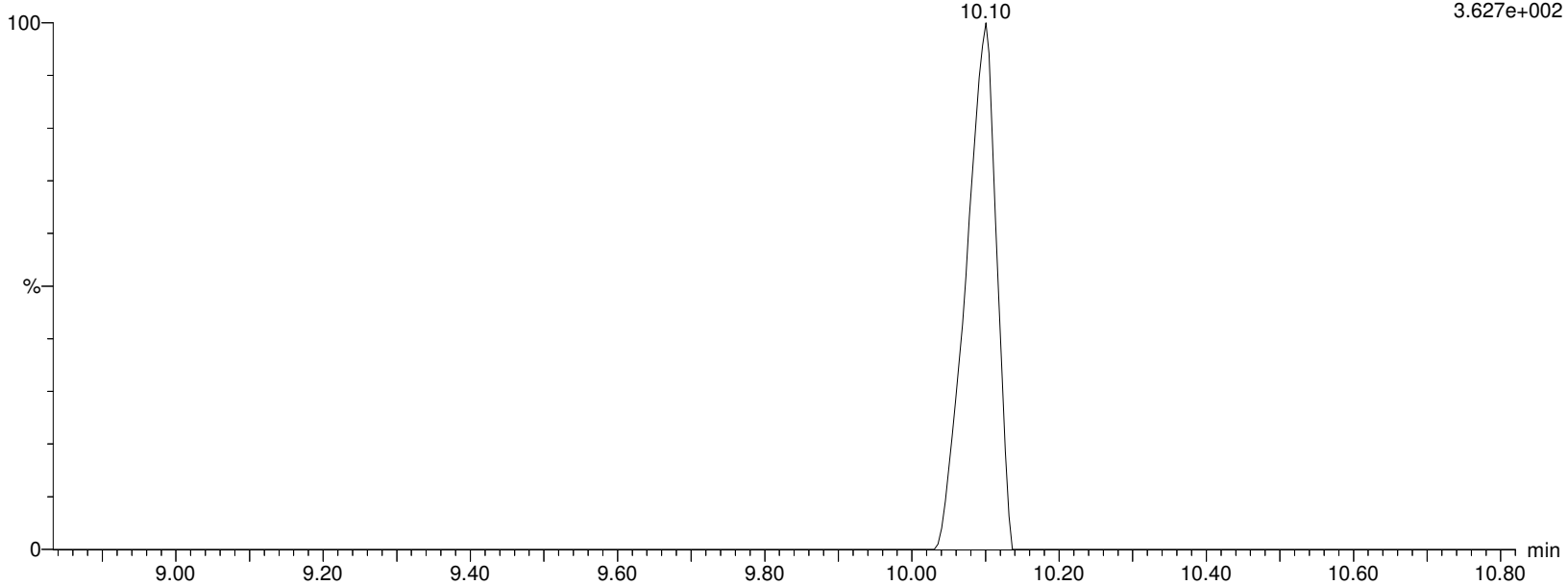
I3796 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-08

F26:MRM of 2 channels,ES-

462.989 > 219.04

3.627e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796**ID: L1913816-08****Date: 11-Apr-2019****Time: 16:16:26****Description: WG1225360,WG1224866,ICAL15513****User: LCMS02:JW****Vial: 1:C,5****Instrument: XEVO-TQSmicro#QEB0050****Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B****Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR****MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP****M9PFNA**

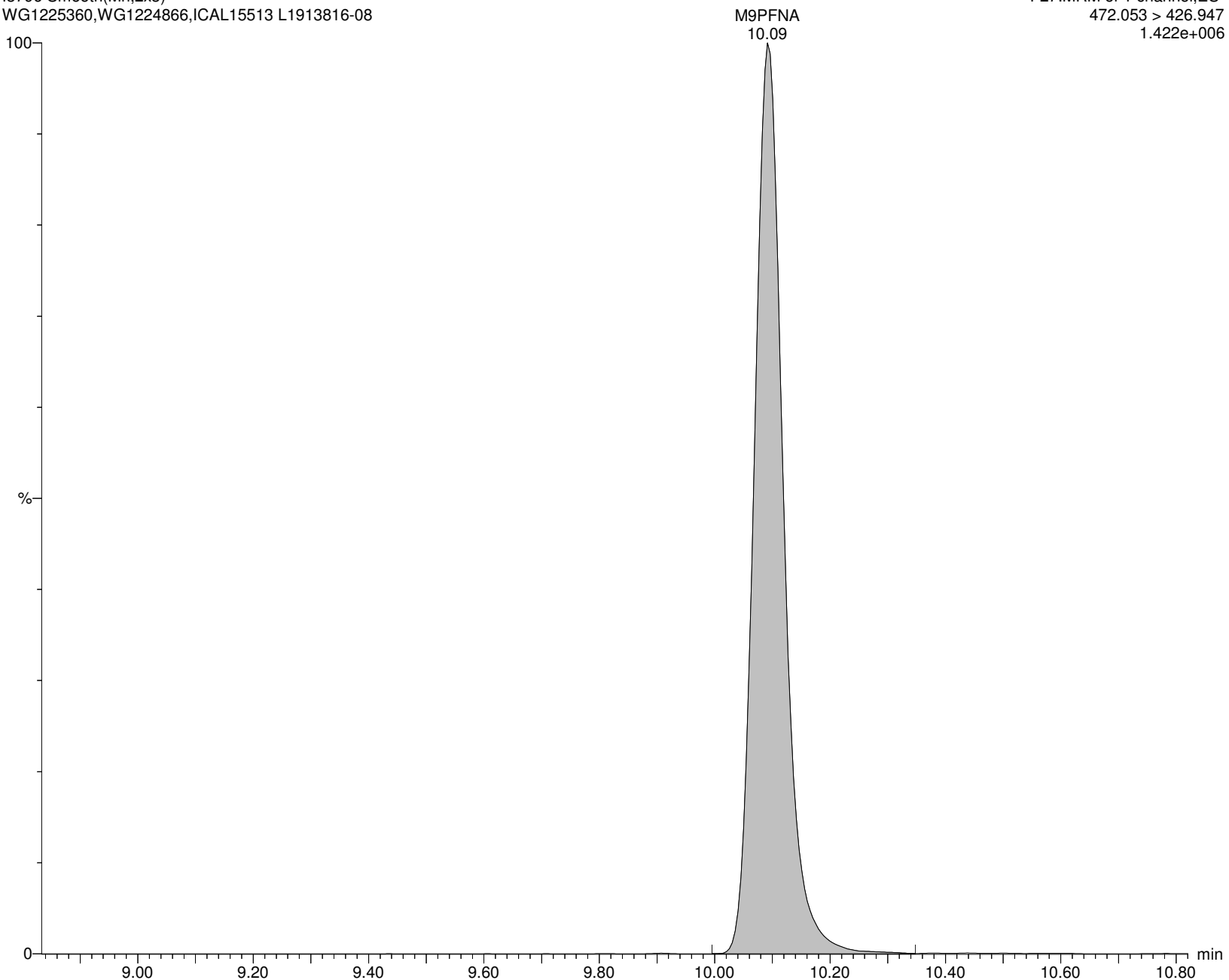
I3796 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-08

F27:MRM of 1 channel,ES-

472.053 > 426.947

1.422e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOS

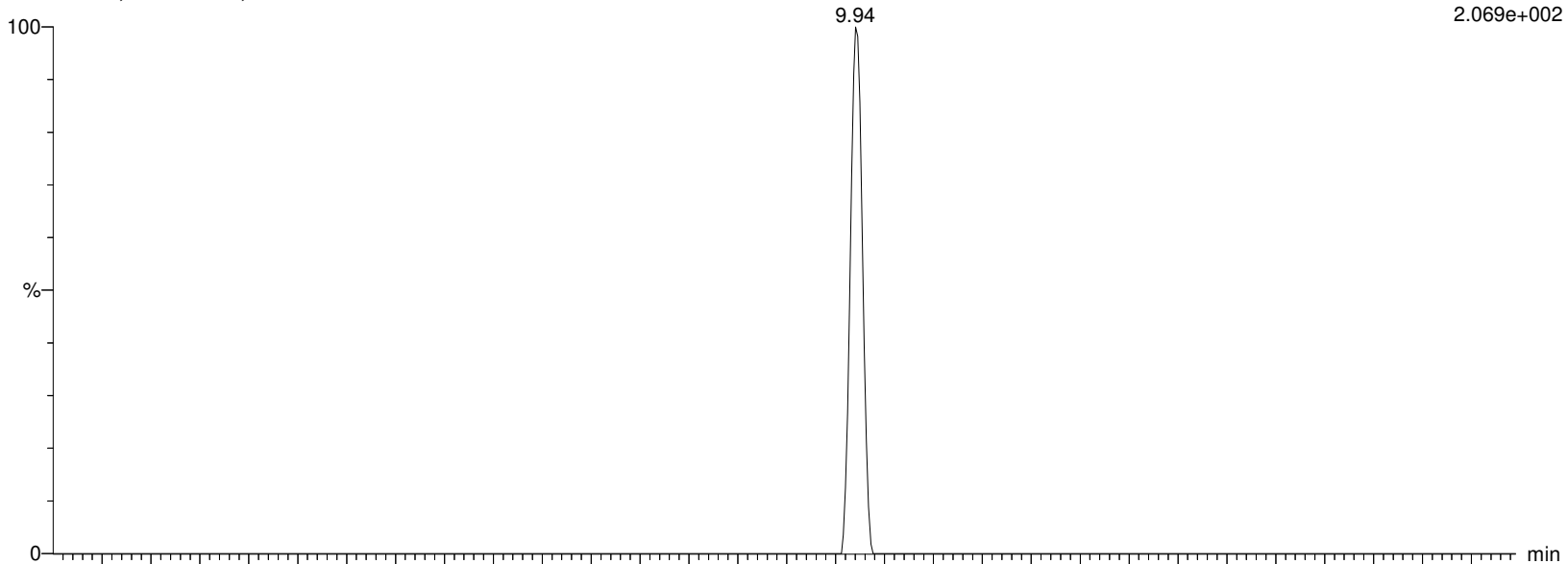
I3796 Smooth(Mn,3x2)

WG1225360, WG1224866, ICAL15513 L1913816-08

F29:MRM of 2 channels, ES-

498.989 > 80.294

2.069e+002



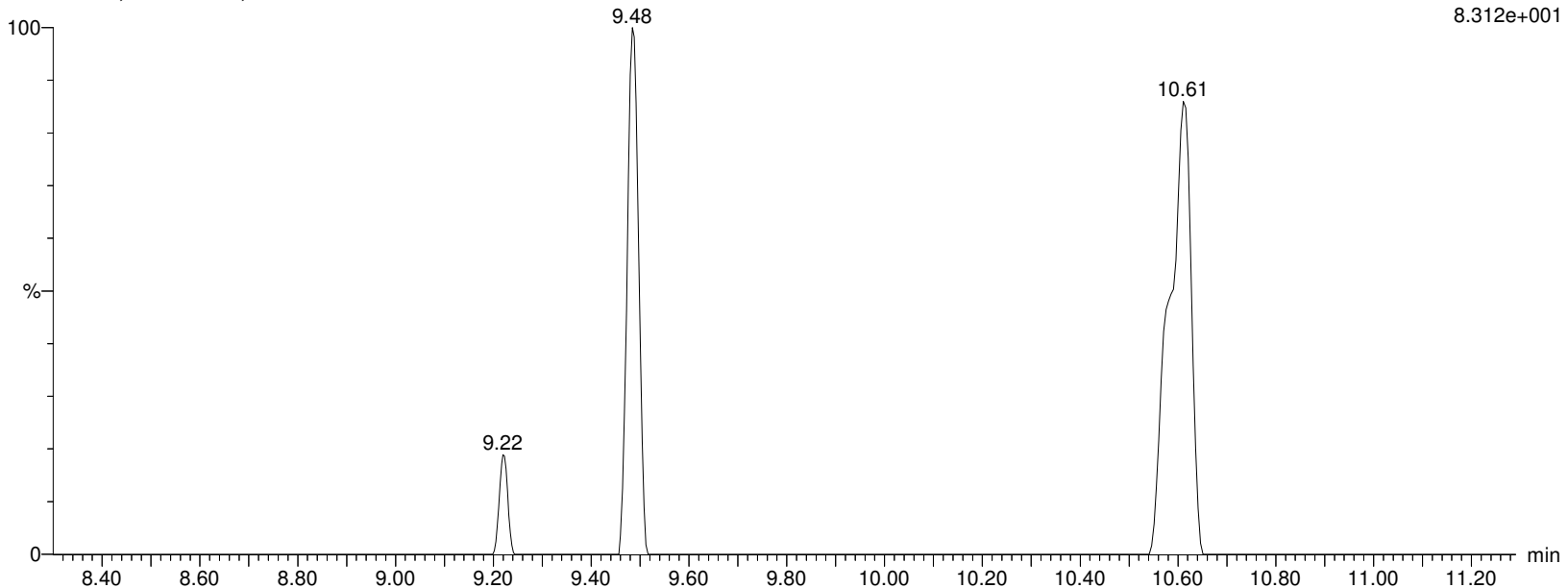
I3796 Smooth(Mn,3x2)

WG1225360, WG1224866, ICAL15513 L1913816-08

F29:MRM of 2 channels, ES-

498.989 > 99.27

8.312e+001



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOS

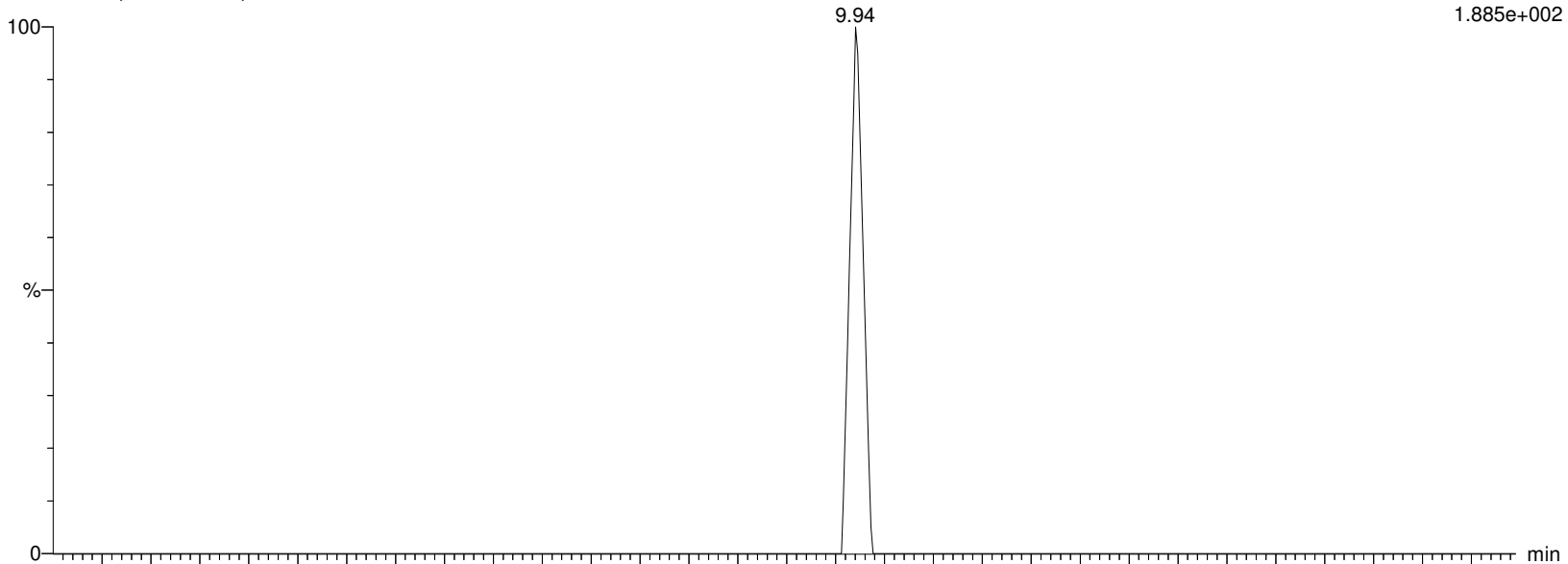
I3796 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 L1913816-08

F29:MRM of 2 channels, ES-

498.989 > 80.294

1.885e+002



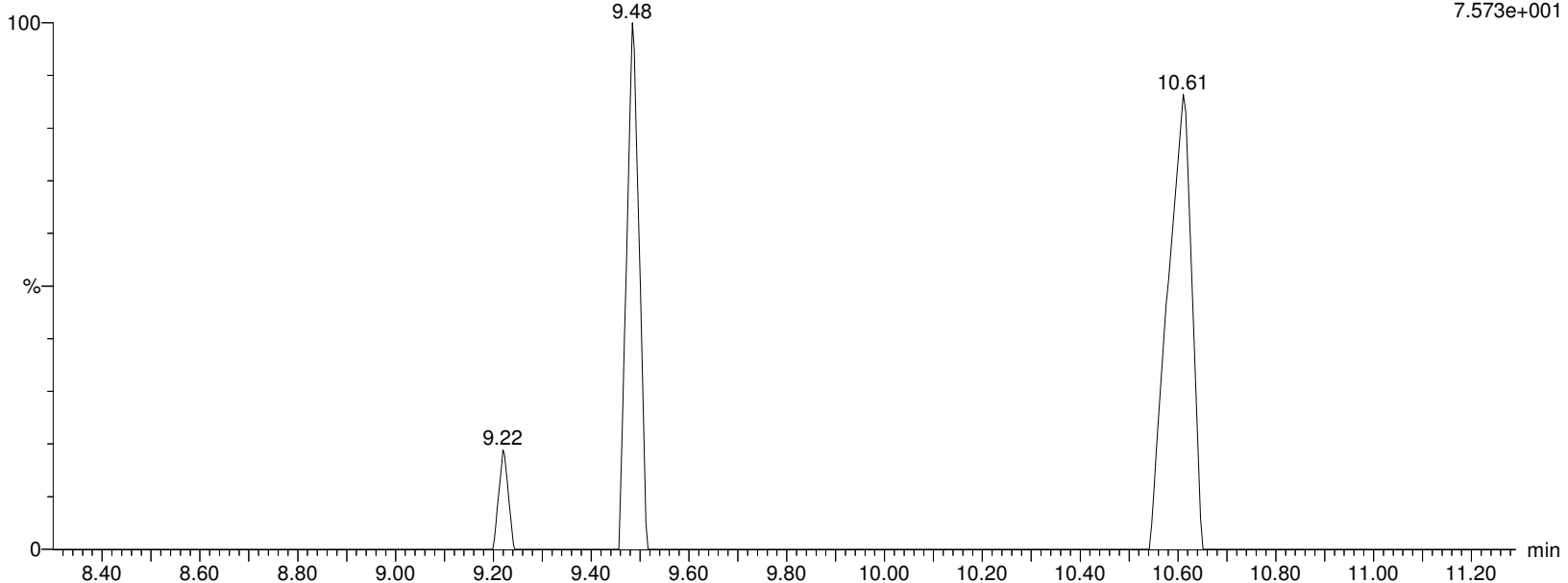
I3796 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 L1913816-08

F29:MRM of 2 channels, ES-

498.989 > 99.27

7.573e+001



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOS

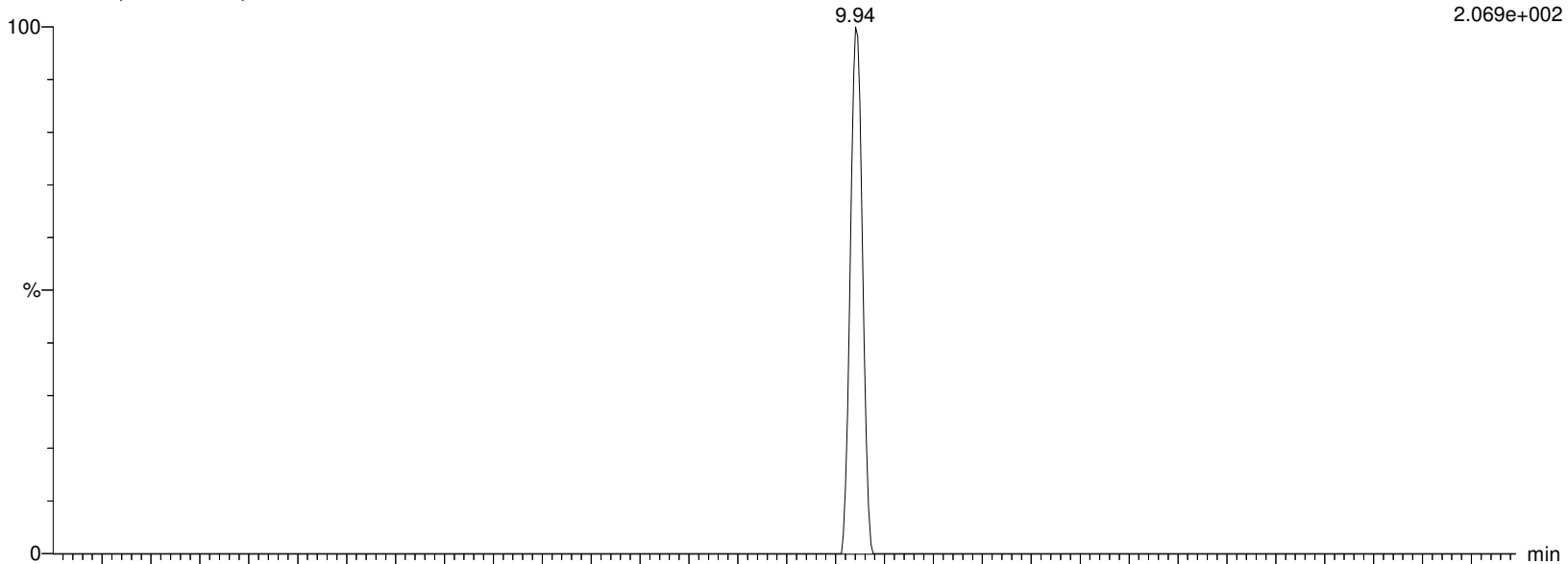
I3796 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-08

F29:MRM of 2 channels,ES-

498.989 > 80.294

2.069e+002



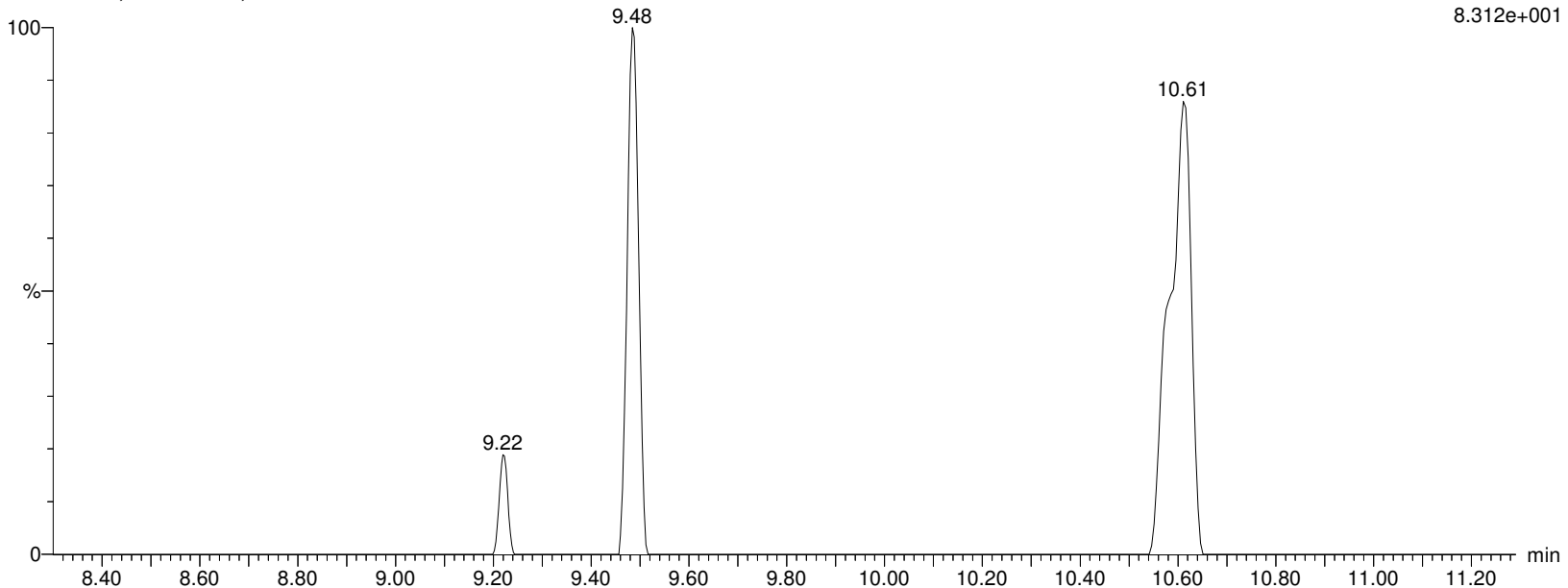
I3796 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 L1913816-08

F29:MRM of 2 channels,ES-

498.989 > 99.27

8.312e+001



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFOS

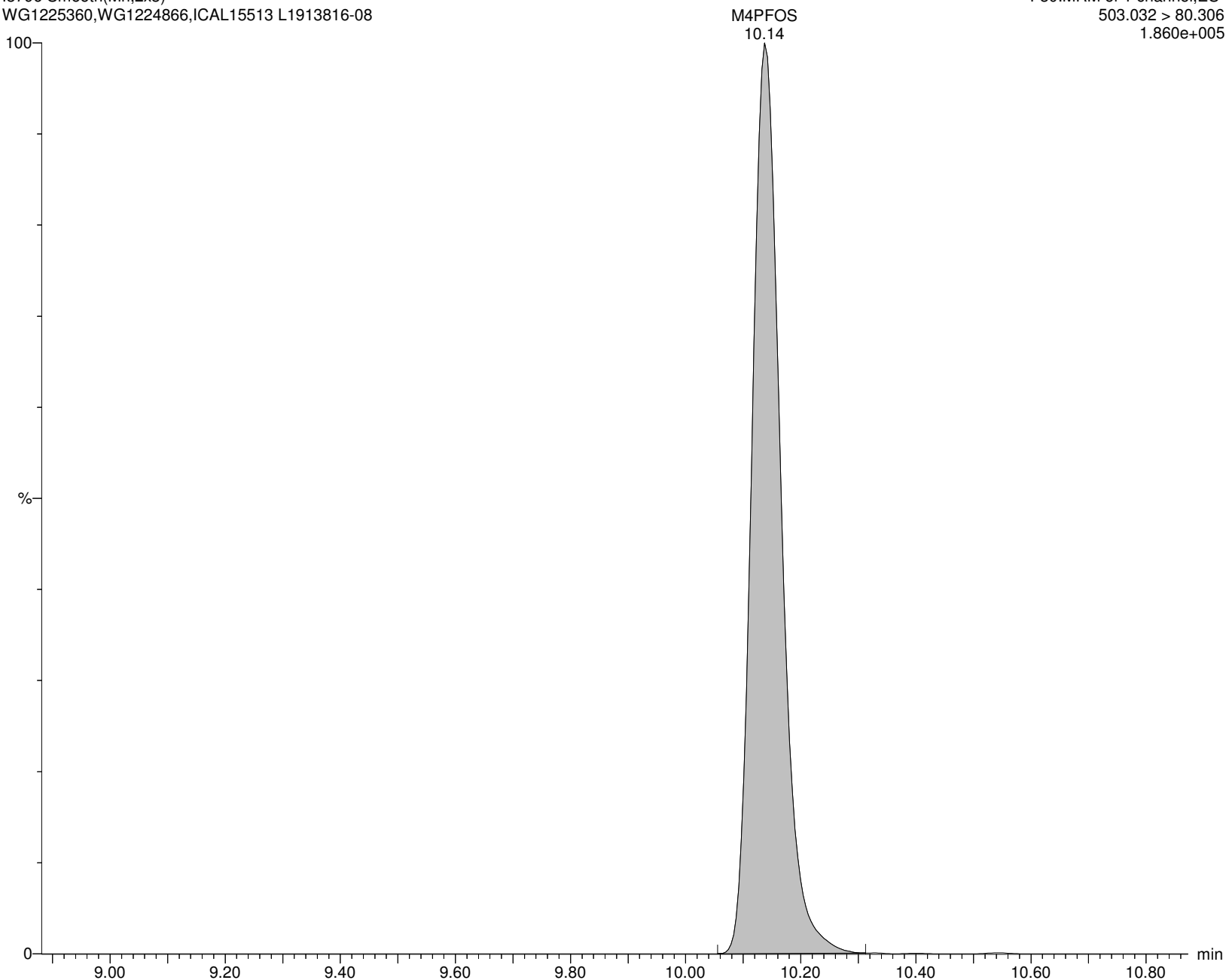
I3796 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-08

F30:MRM of 1 channel,ES-

503.032 > 80.306

1.860e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOS

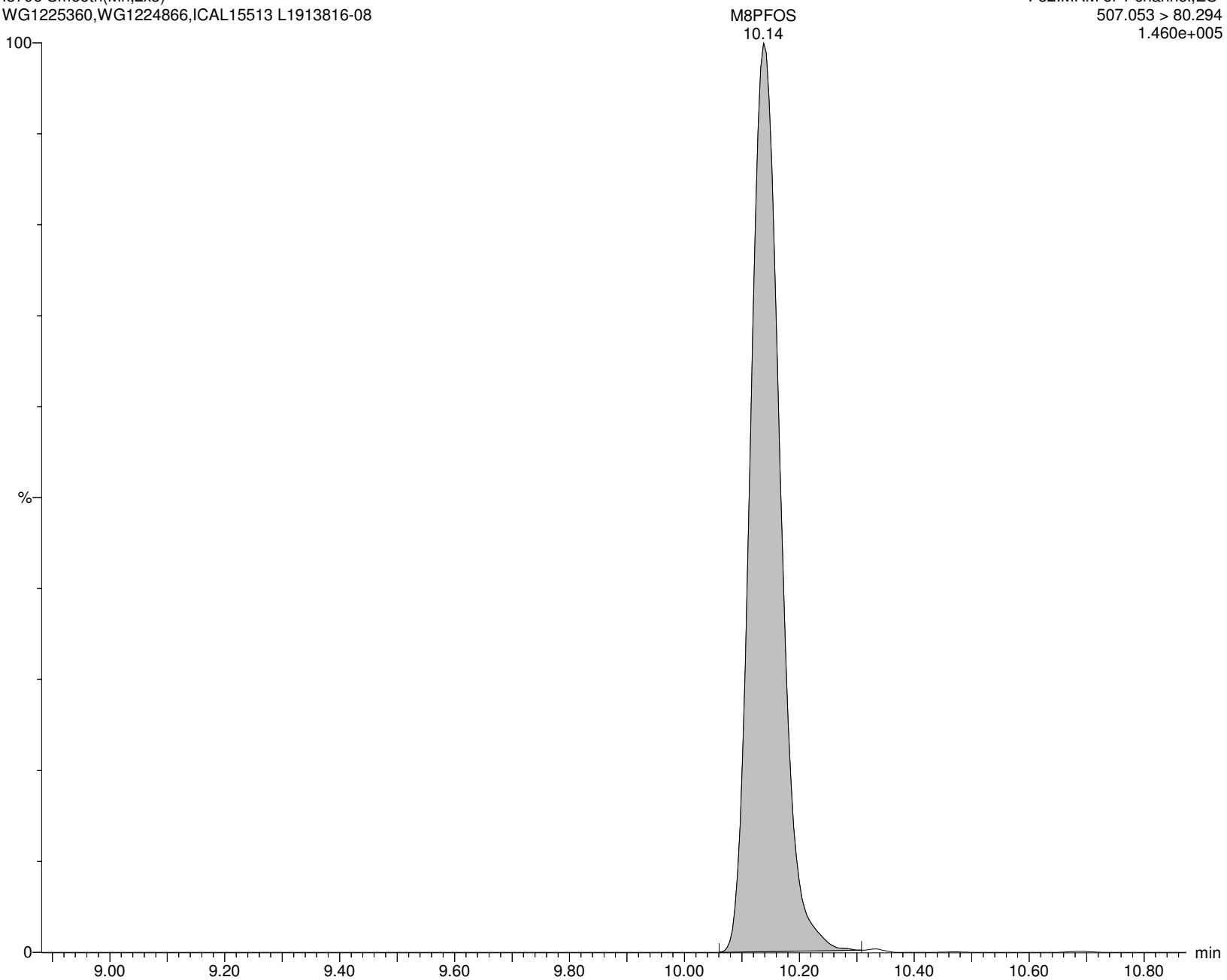
I3796 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-08

F32:MRM of 1 channel,ES-

507.053 > 80.294

1.460e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDA

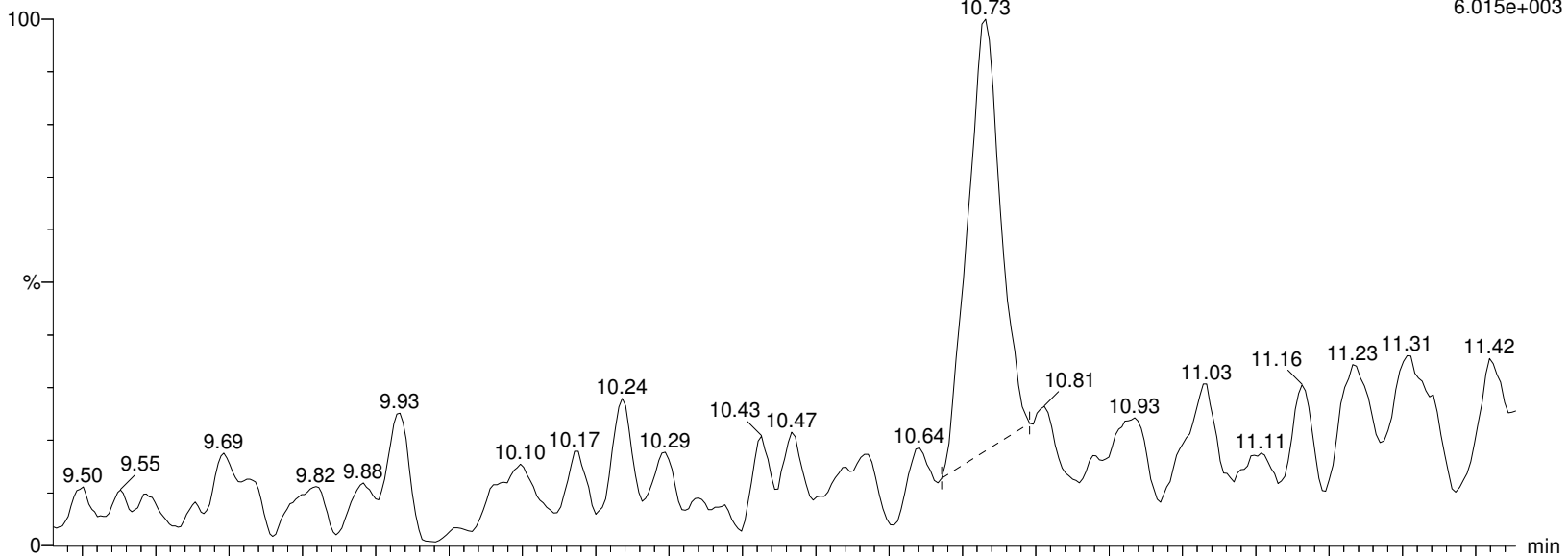
I3796 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-08

F33:MRM of 2 channels,ES-

513.053 > 468.906

6.015e+003



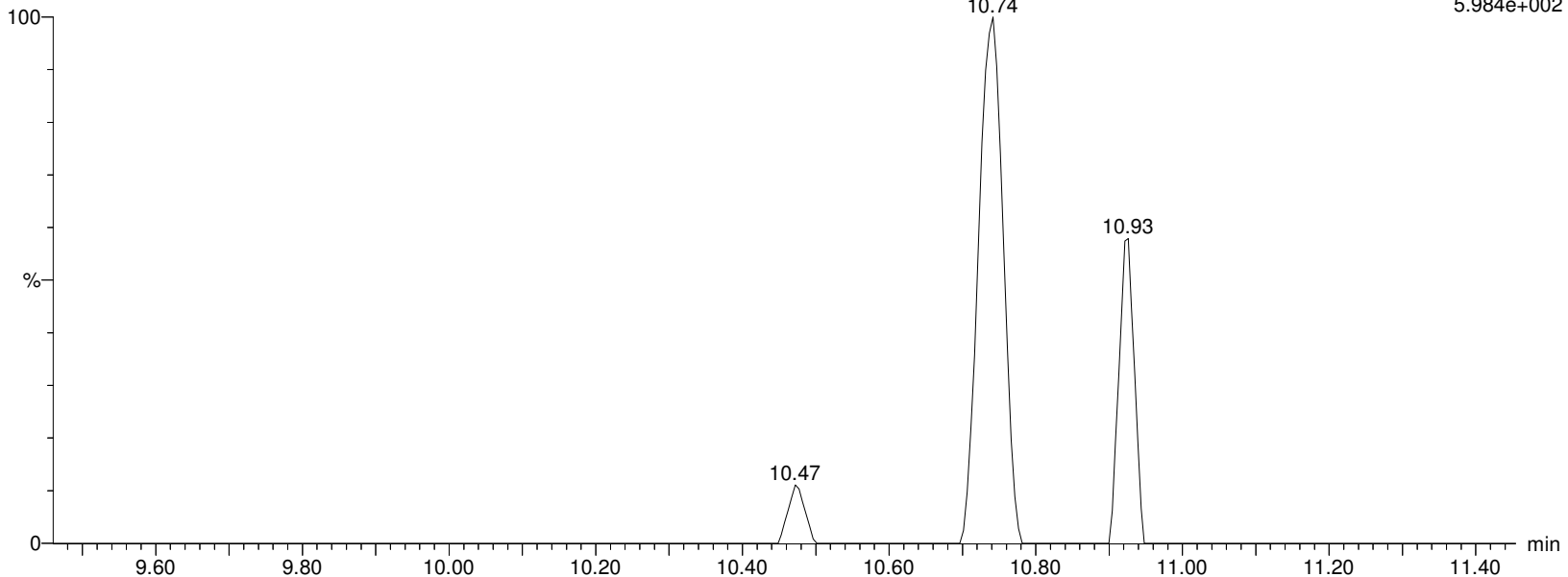
I3796 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-08

F33:MRM of 2 channels,ES-

513.053 > 219.08

5.984e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFDA

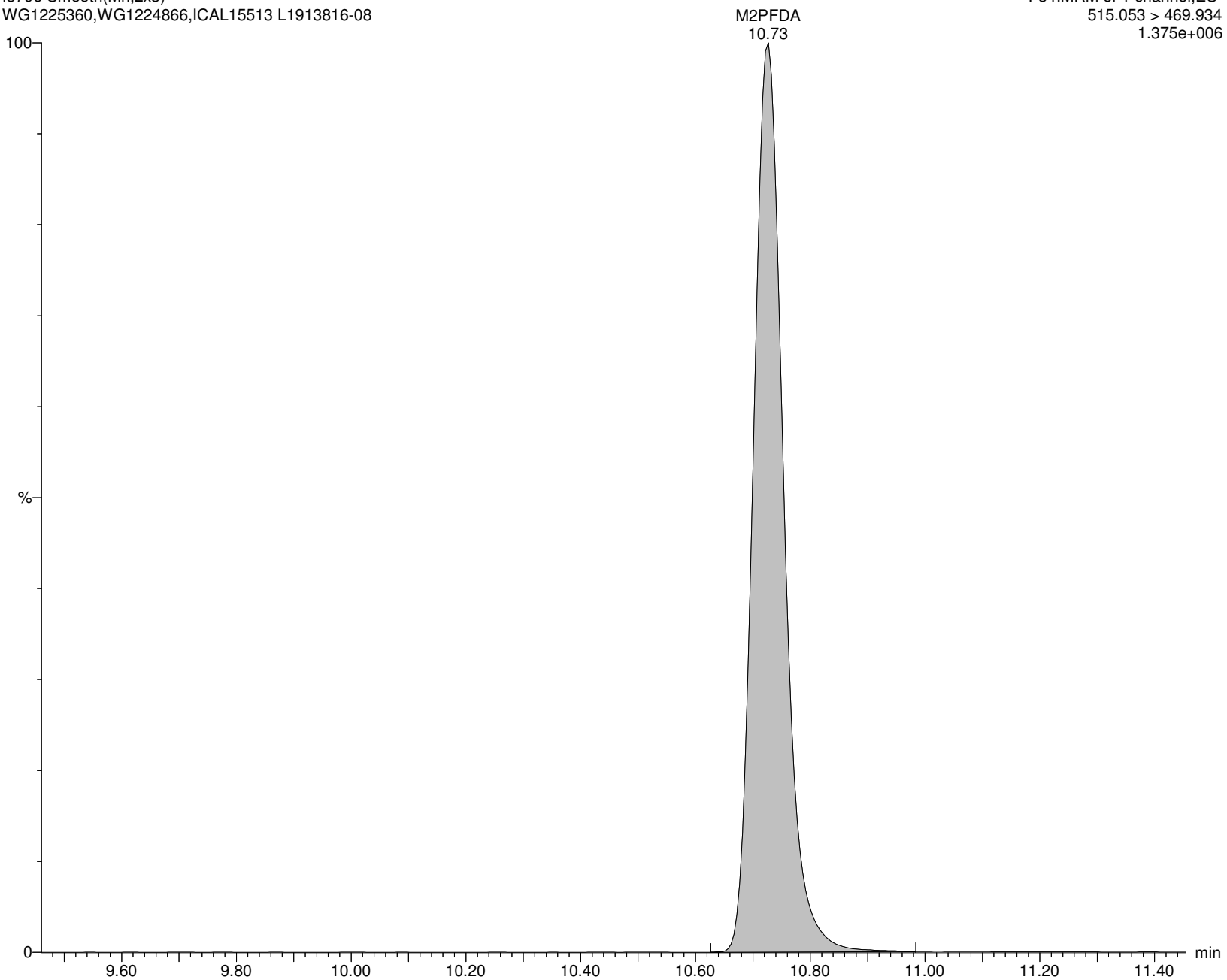
I3796 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-08

F34:MRM of 1 channel,ES-

515.053 > 469.934

1.375e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M6PFDA

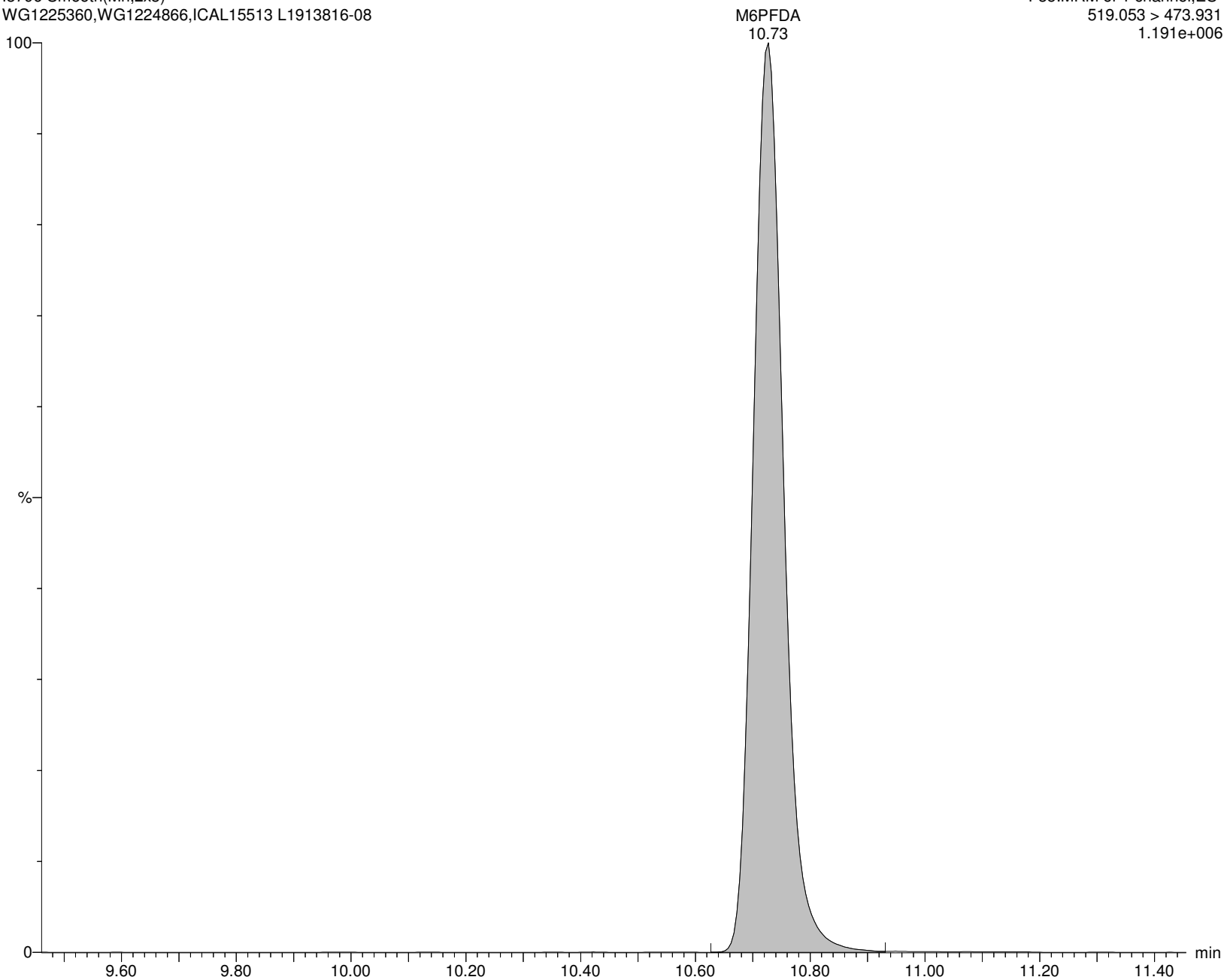
I3796 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-08

F35:MRM of 1 channel,ES-

519.053 > 473.931

1.191e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

8:2FTS

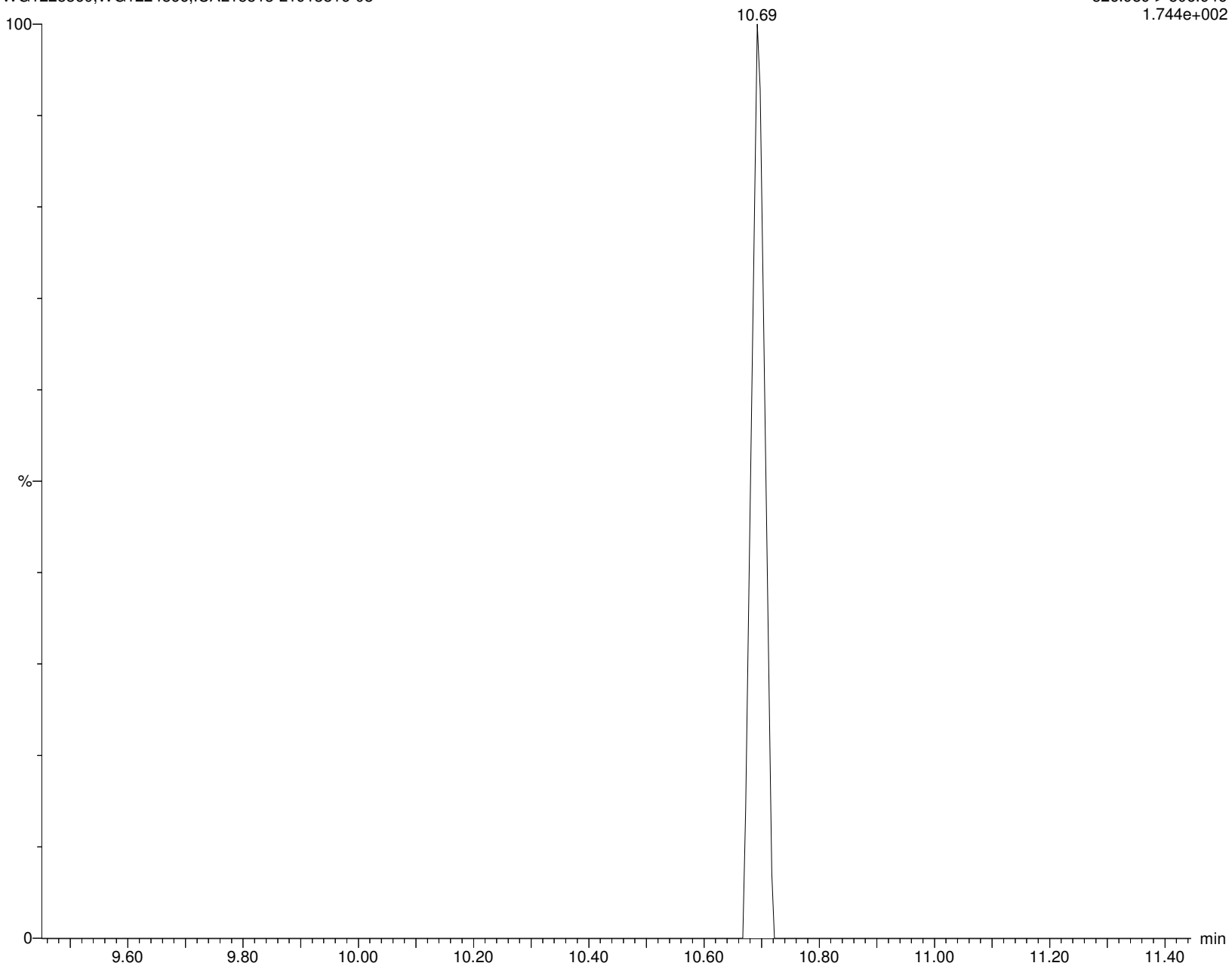
I3796 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-08

F36:MRM of 2 channels,ES-

526.989 > 506.946

1.744e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-8:2FTS

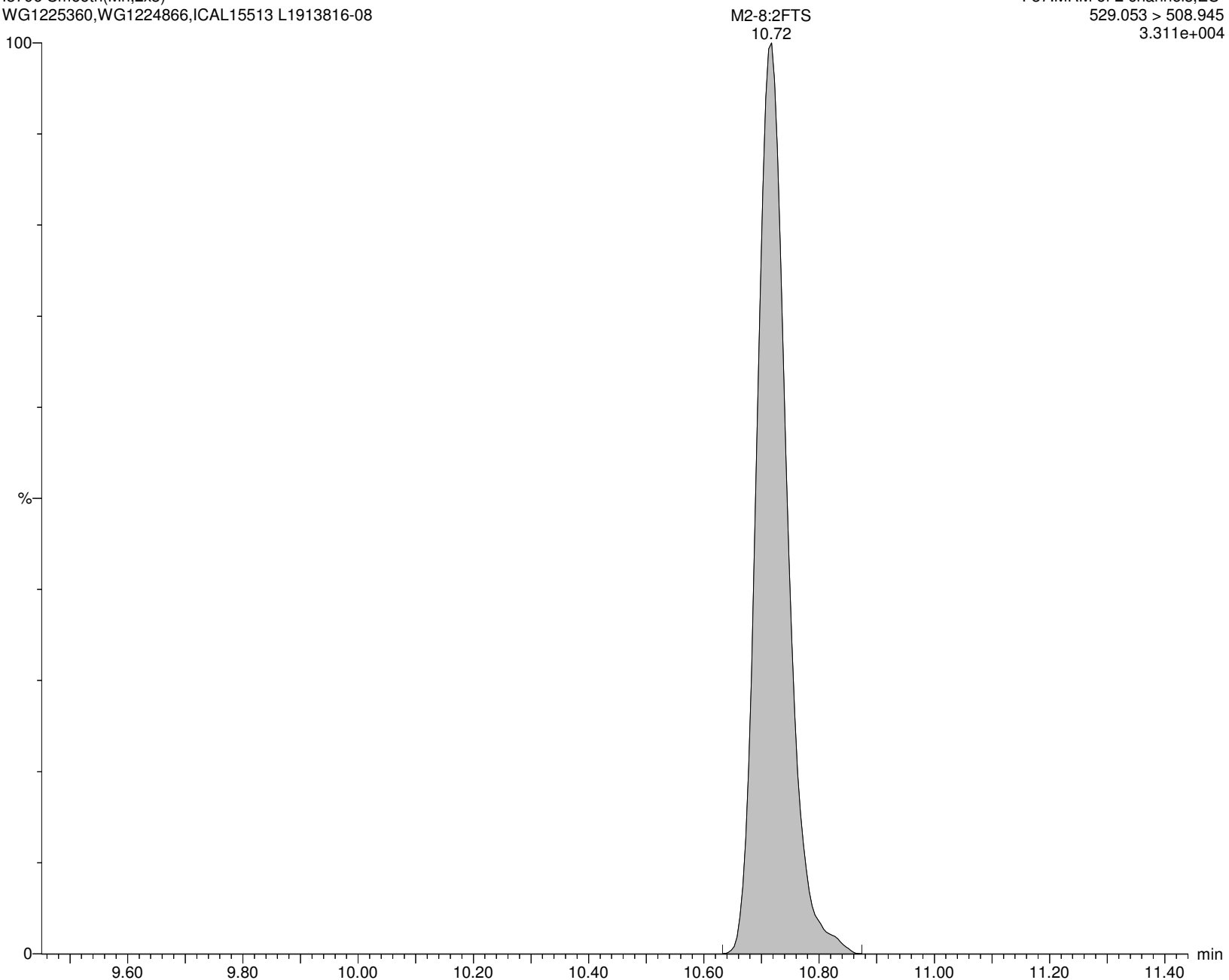
I3796 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-08

F37:MRM of 2 channels,ES-

529.053 > 508.945

3.311e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNS

I3796 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-08

F39:MRM of 2 channels,ES-

548.989 > 80.249

1.000e-003



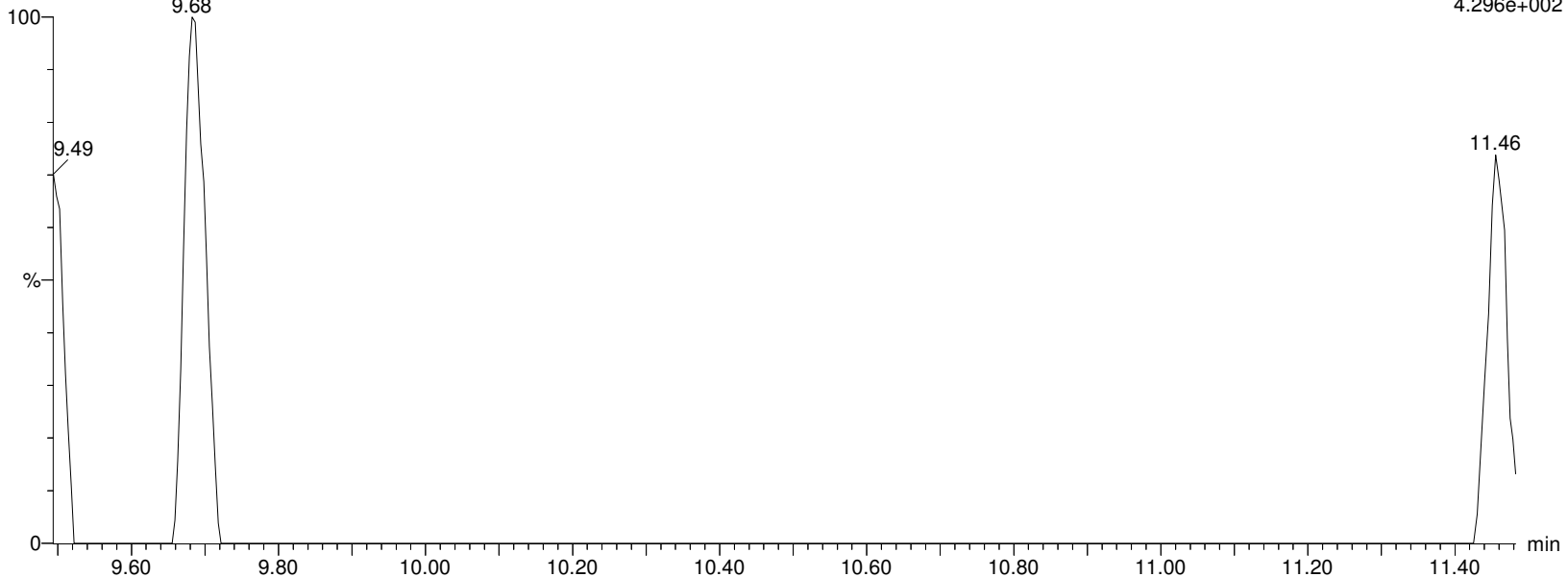
I3796 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-08

F39:MRM of 2 channels,ES-

548.989 > 99.22

4.296e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d3-NMeFOSAA

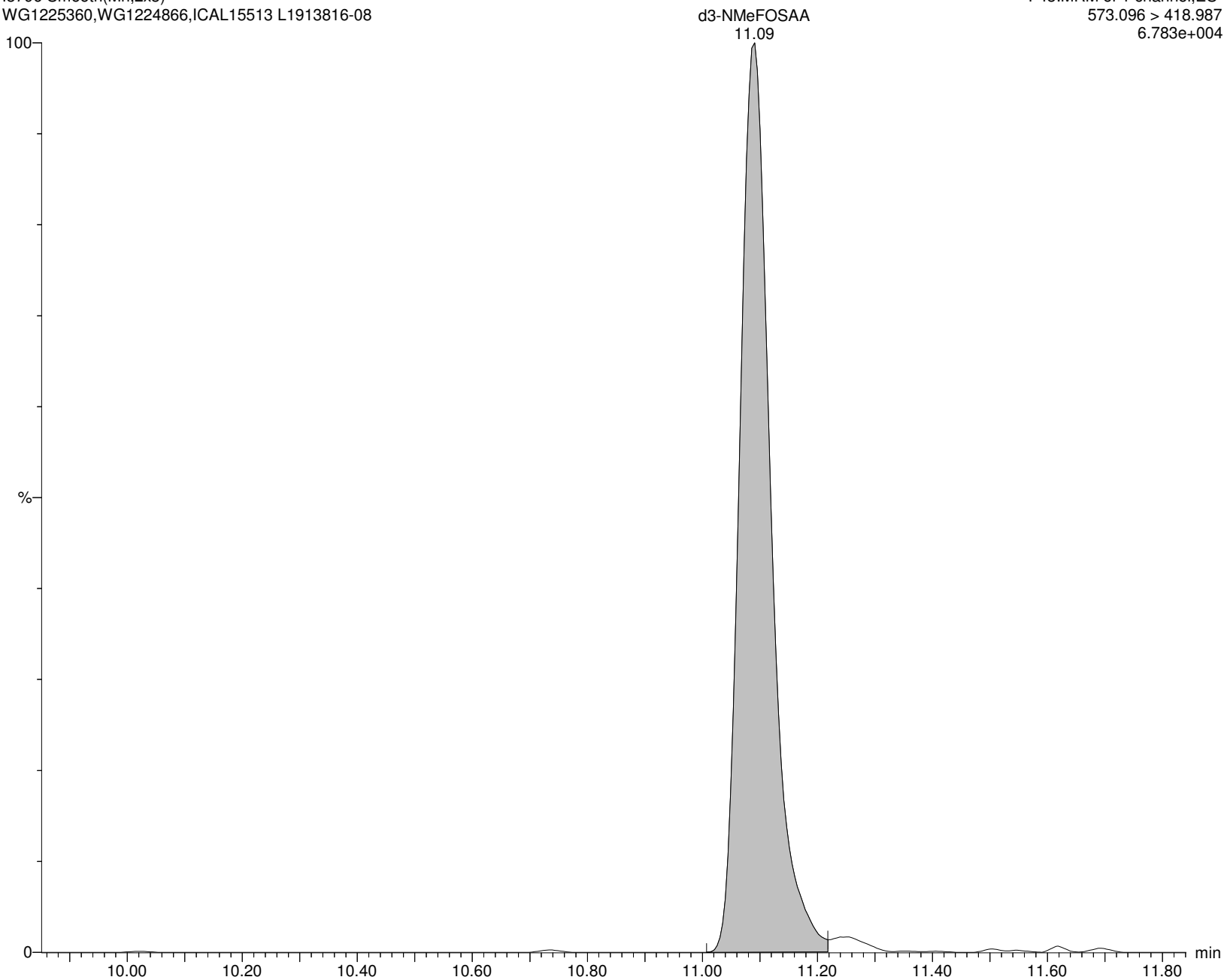
I3796 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-08

F43:MRM of 1 channel,ES-

573.096 > 418.987

6.783e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NMeFOSAA

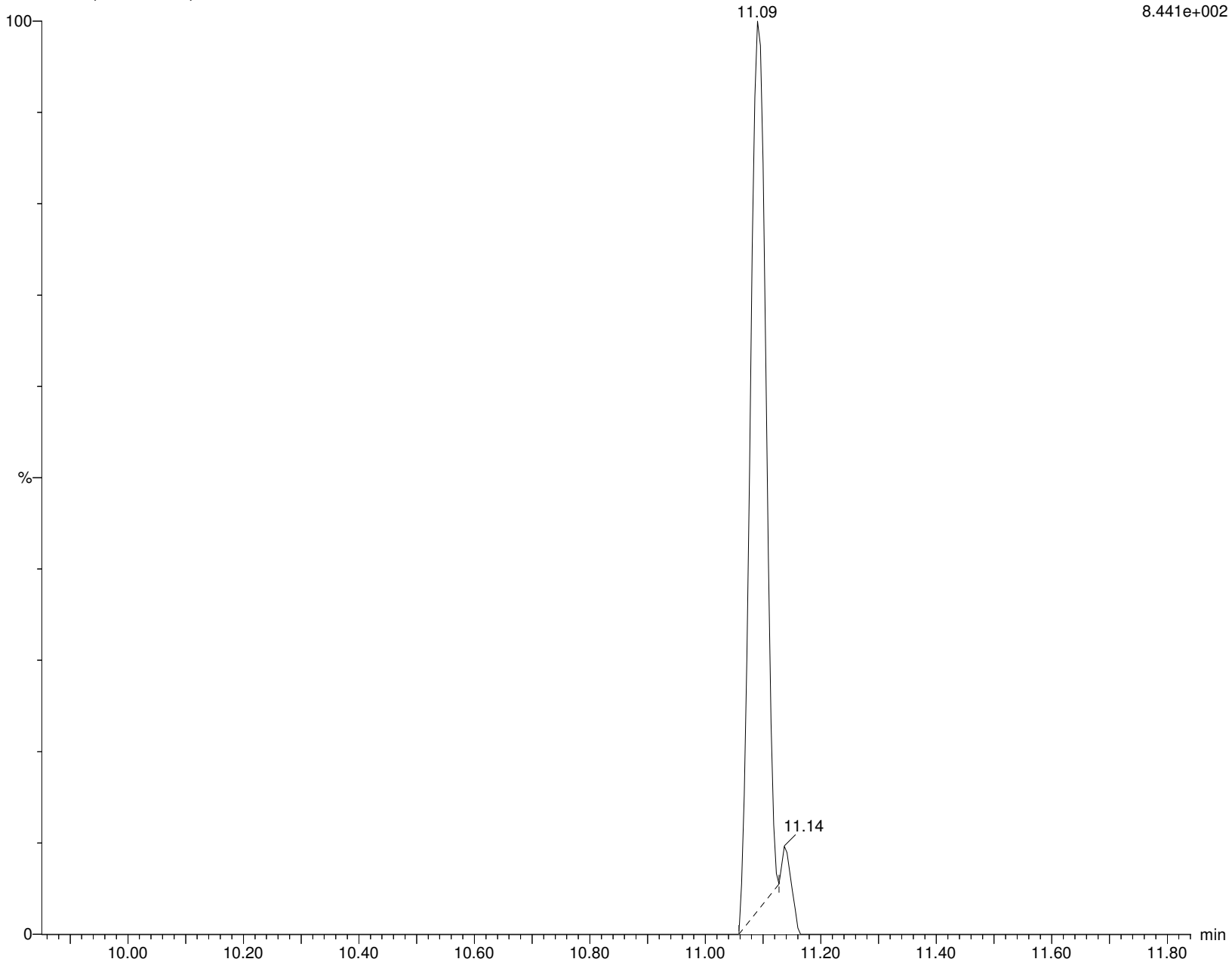
I3796 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 L1913816-08

F41:MRM of 1 channel, ES-

570.053 > 418.917

8.441e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

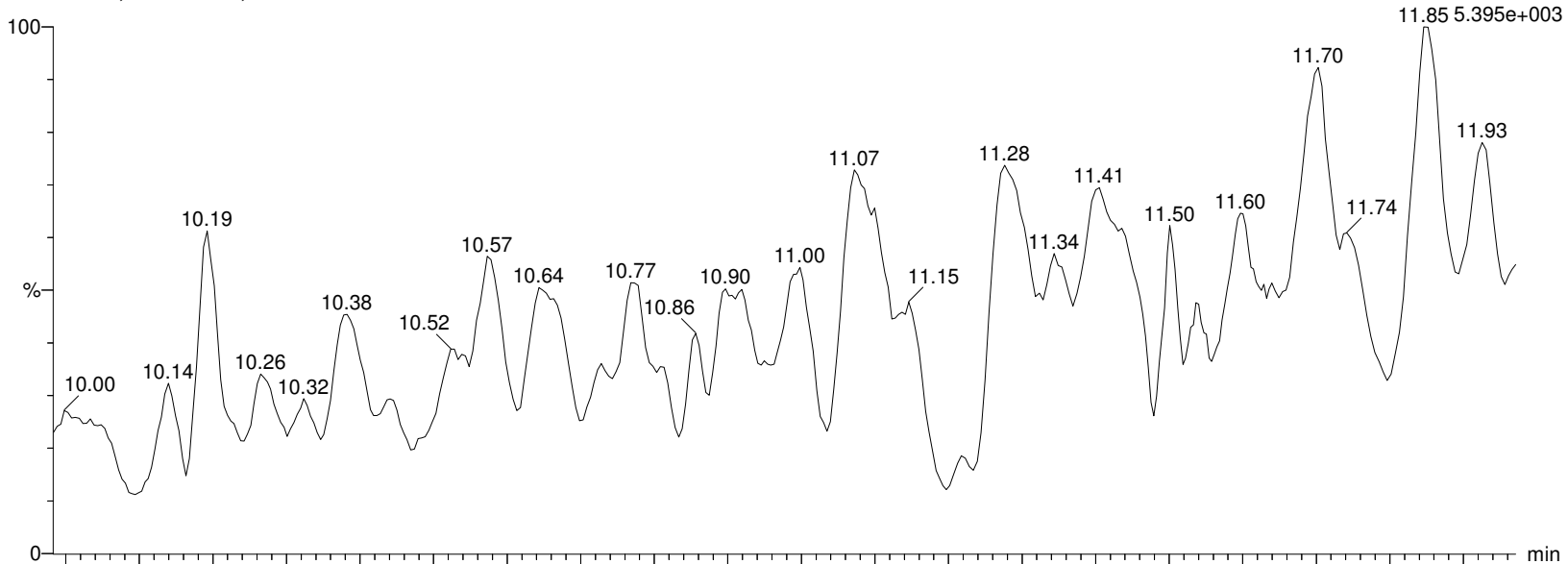
Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFUnA

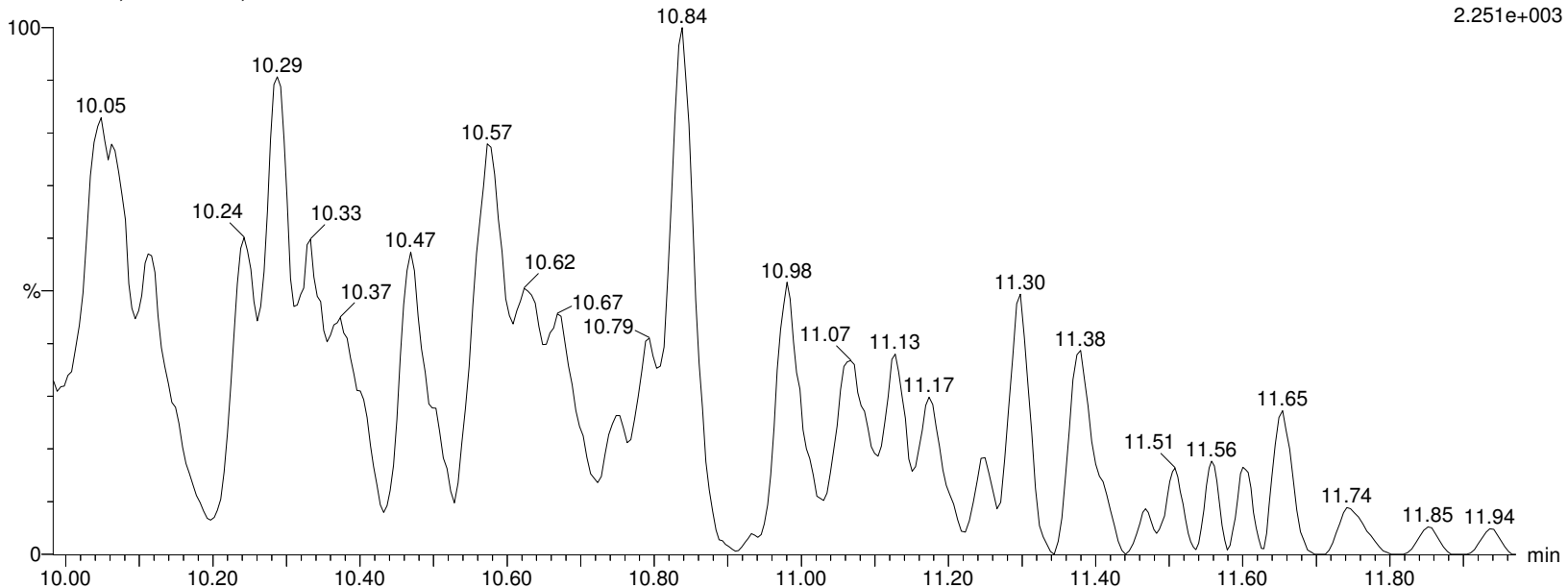
I3796 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-08



I3796 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-08



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M7-PFUDA

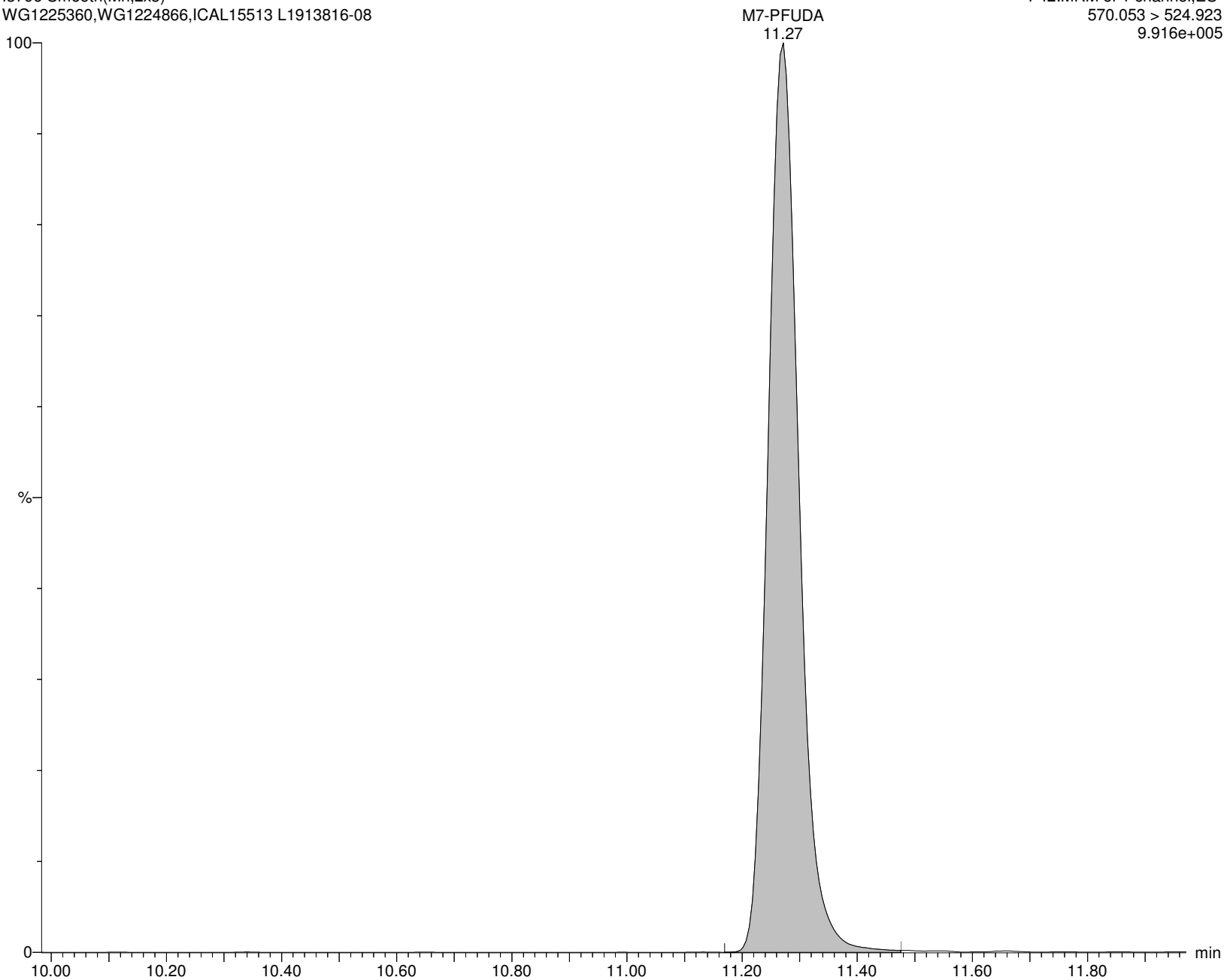
I3796 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-08

F42:MRM of 1 channel,ES-

570.053 > 524.923

9.916e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDS

I3796 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-08

F46:MRM of 2 channels,ES-

598.926 > 80.314

1.000e-003



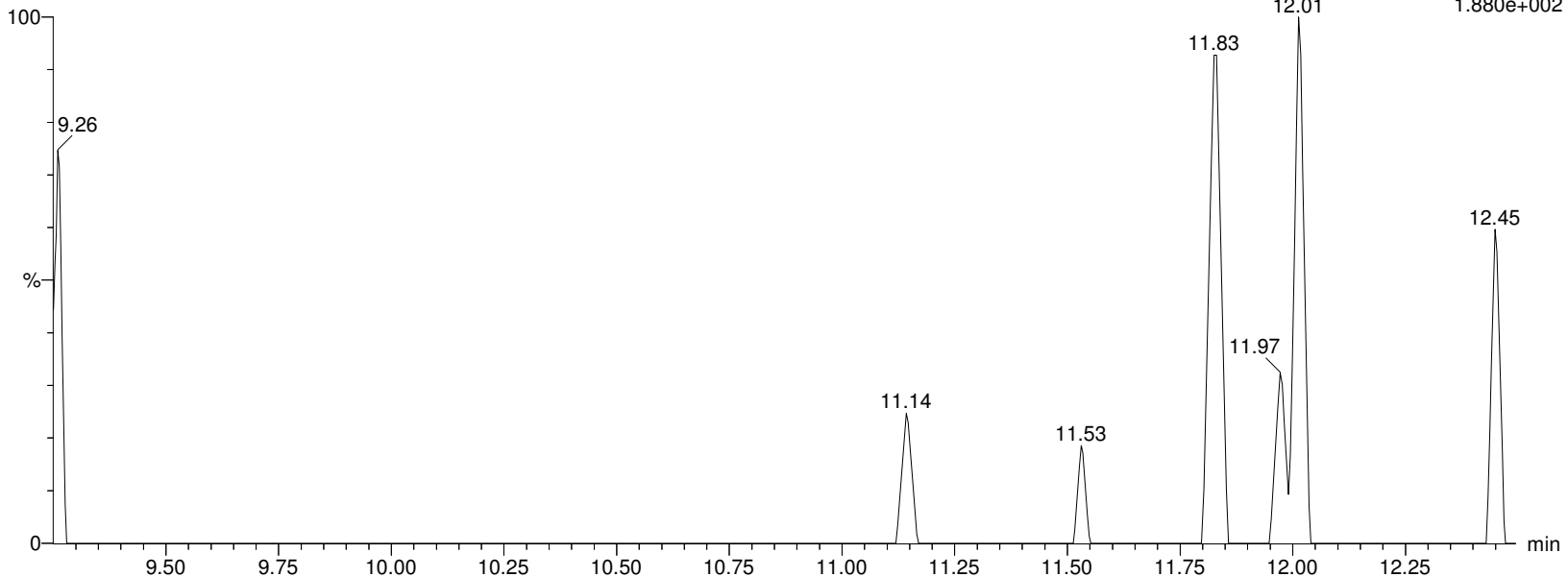
I3796 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-08

F46:MRM of 2 channels,ES-

598.926 > 99.22

1.880e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796**ID: L1913816-08****Date: 11-Apr-2019****Time: 16:16:26****Description: WG1225360, WG1224866, ICAL15513****User: LCMS02:JW****Vial: 1:C,5****Instrument: XEVO-TQSmicro#QEB0050****Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B****Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR****MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP****FOSA**

I3796 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 L1913816-08

F28:MRM of 2 channels, ES-

497.989 > 78.245

1.000e-003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8FOSA

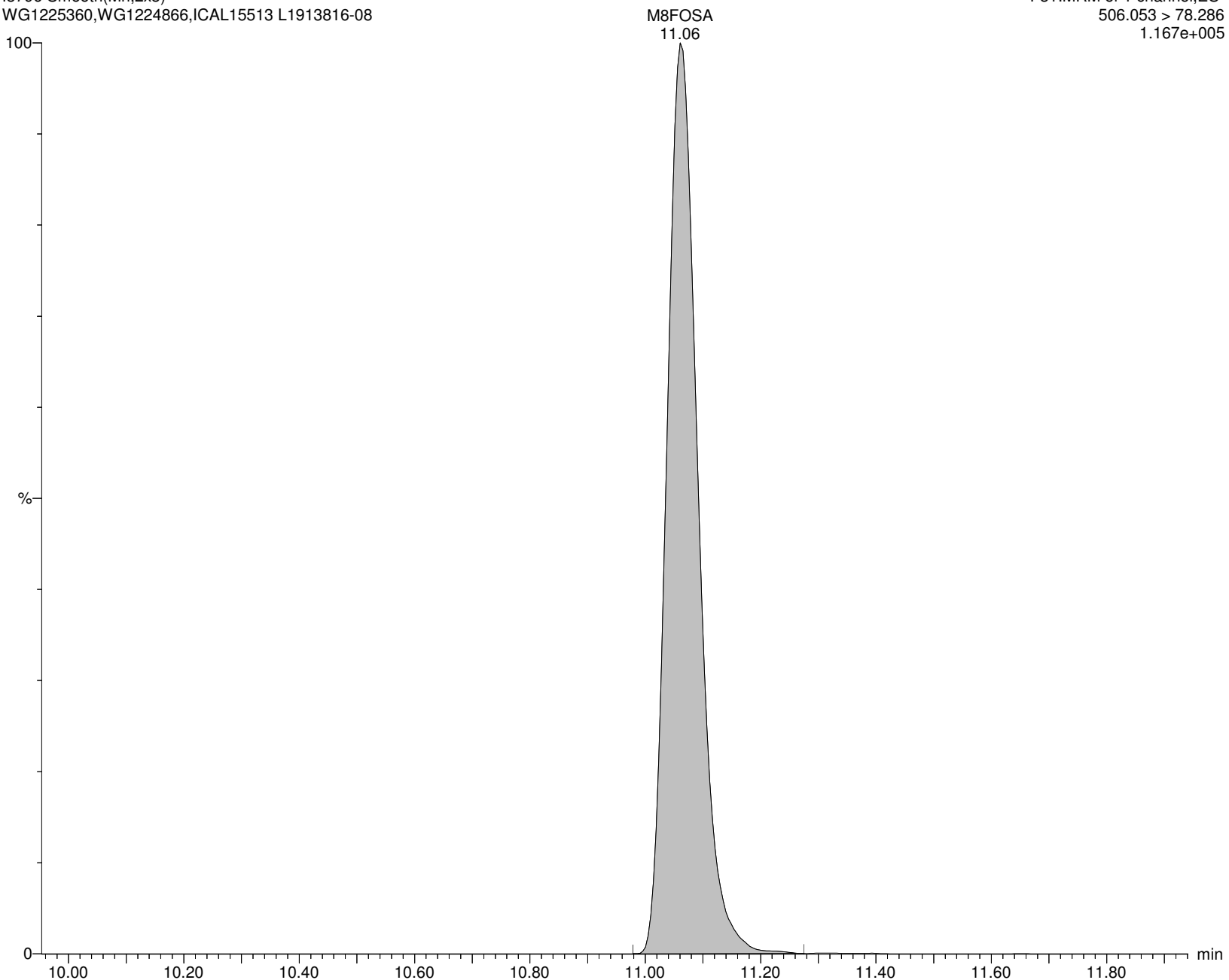
I3796 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-08

F31:MRM of 1 channel,ES-

506.053 > 78.286

1.167e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d5-NEtFOSAA

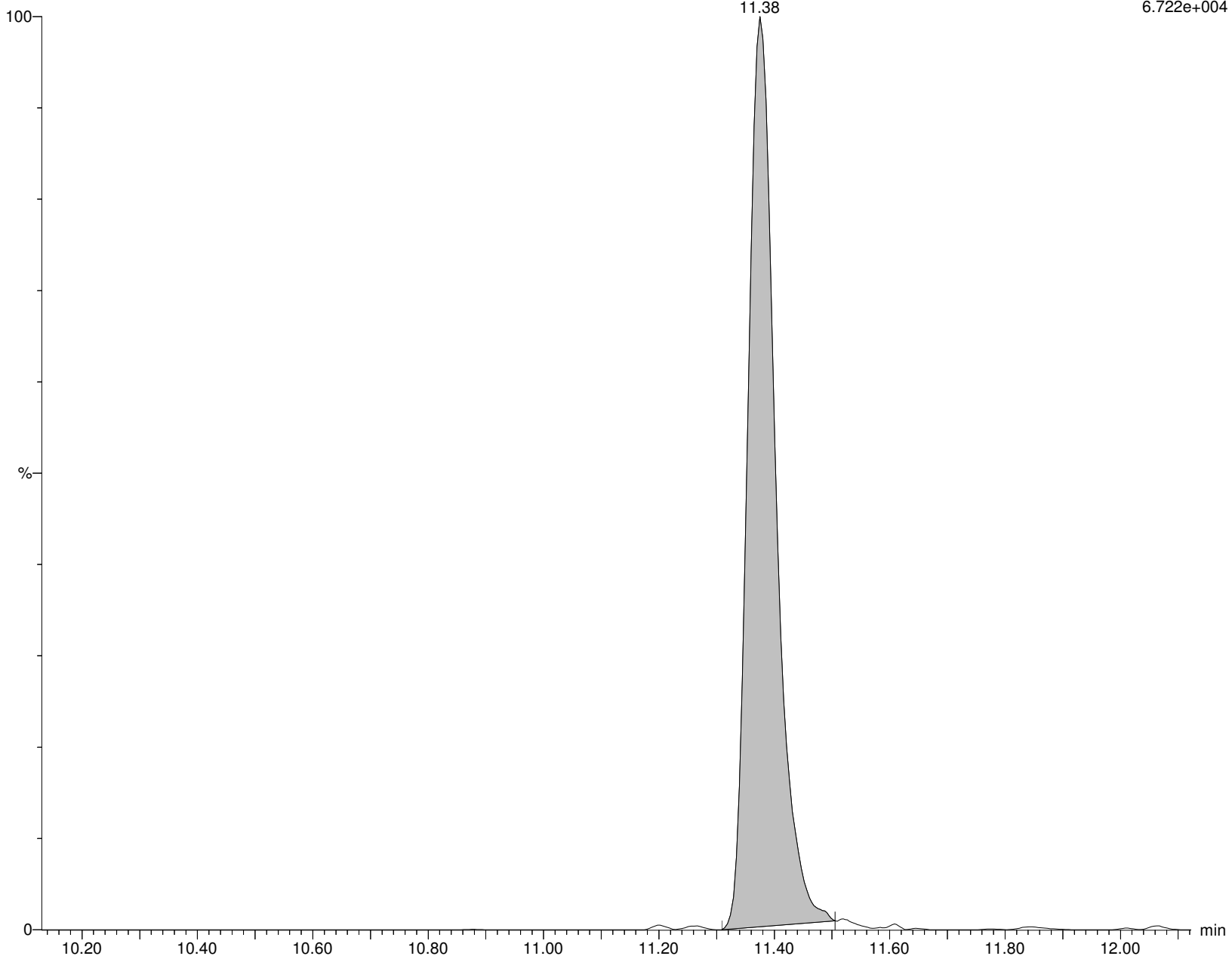
I3796 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-08

F45:MRM of 1 channel,ES-

589.117 > 418.929

6.722e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NetFOSAA

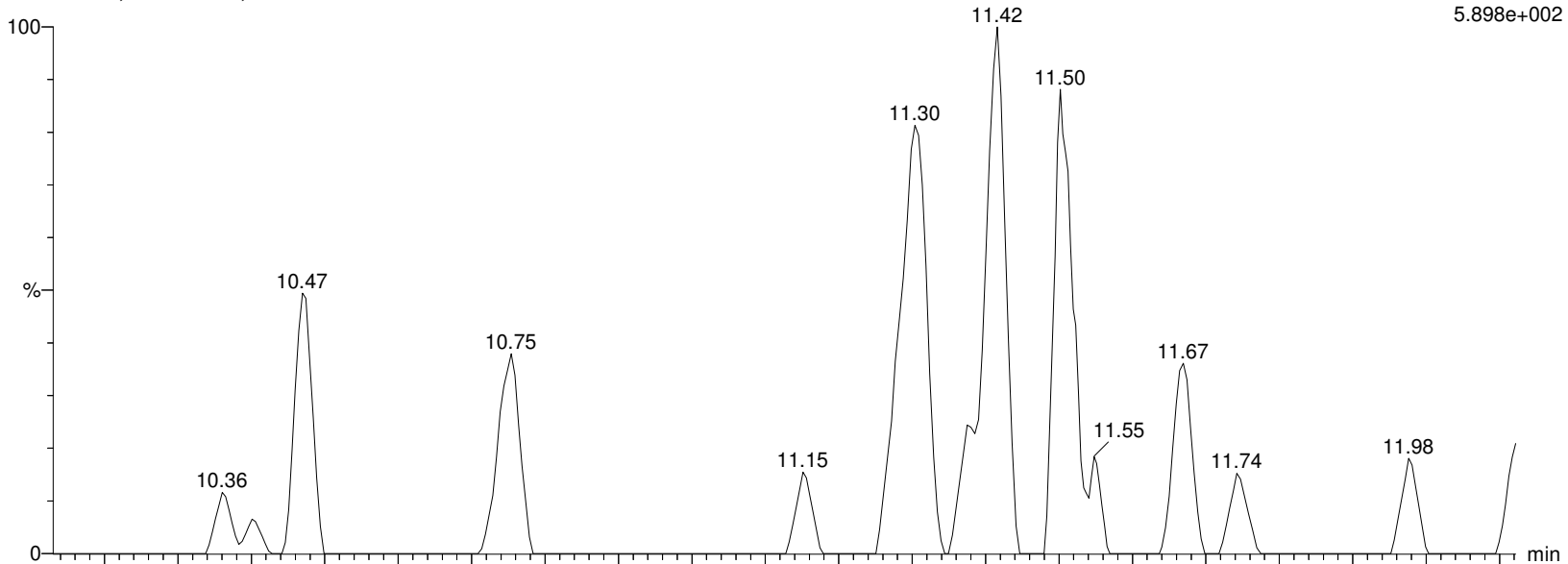
I3796 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-08

F44:MRM of 2 channels,ES-

583.989 > 418.927

5.898e+002



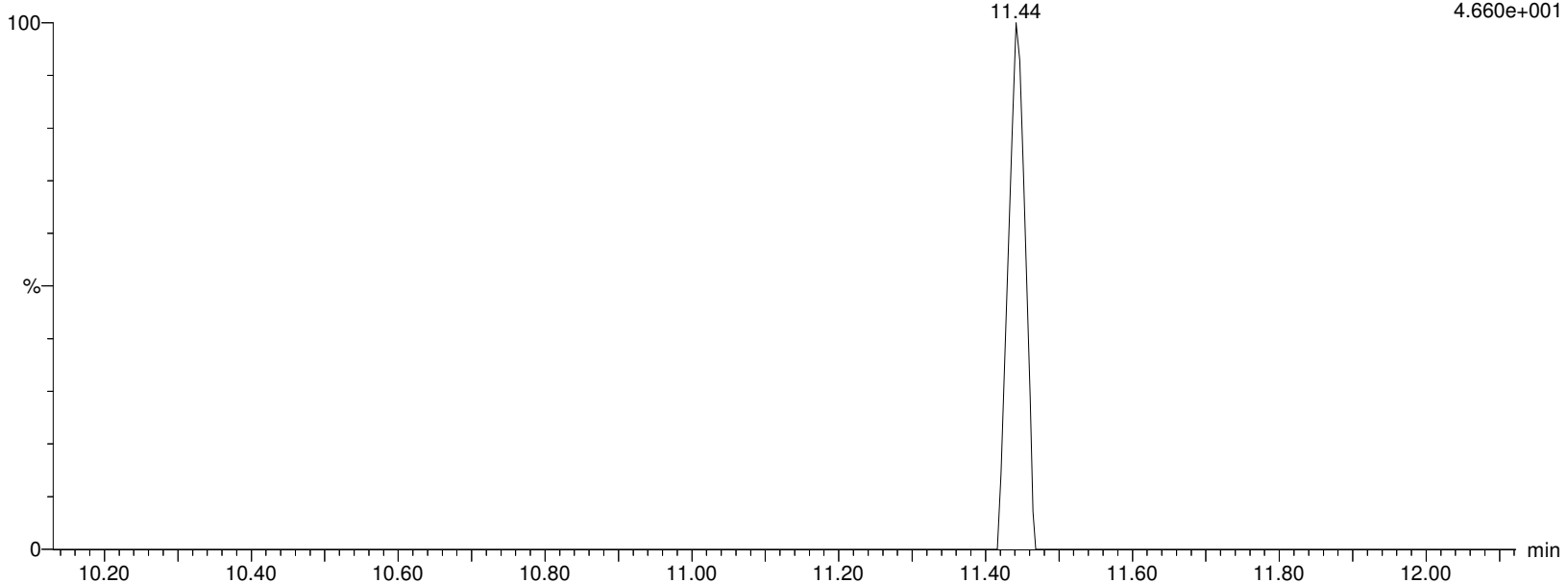
I3796 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-08

F44:MRM of 2 channels,ES-

583.989 > 482.88

4.660e+001



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDoA

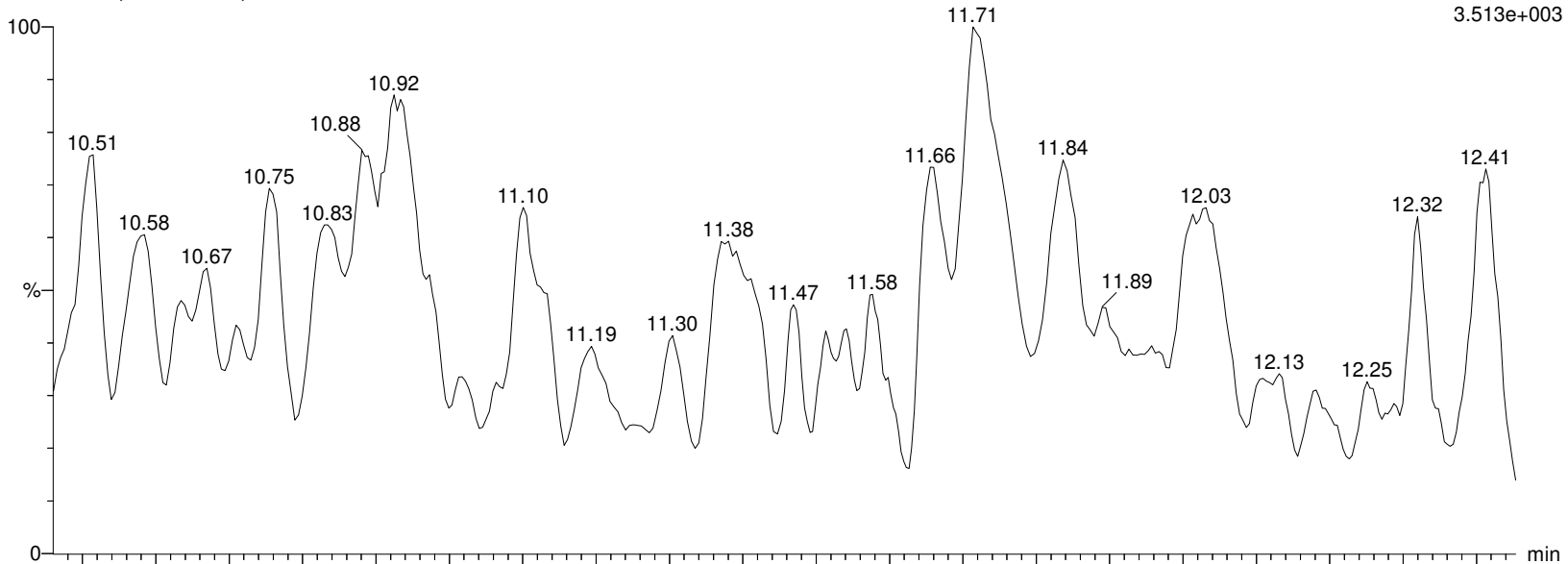
I3796 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-08

F47:MRM of 2 channels,ES-

612.989 > 568.967

3.513e+003



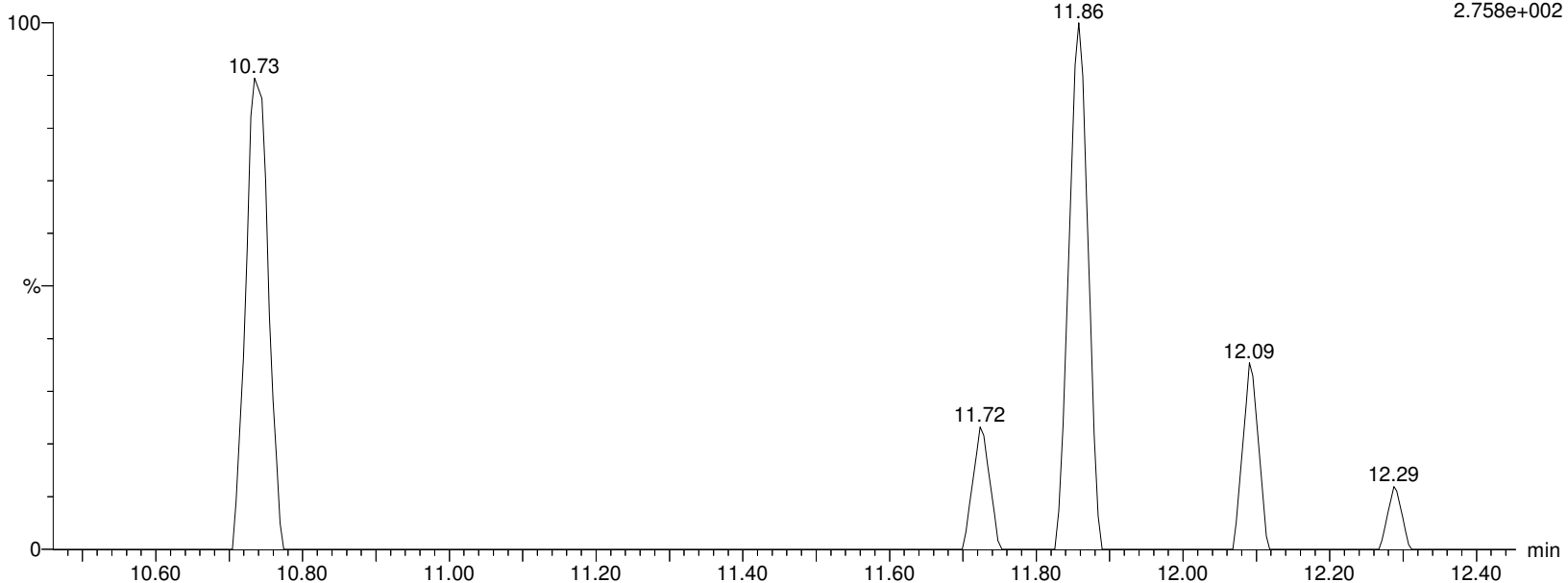
I3796 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-08

F47:MRM of 2 channels,ES-

612.989 > 219.08

2.758e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFDOA

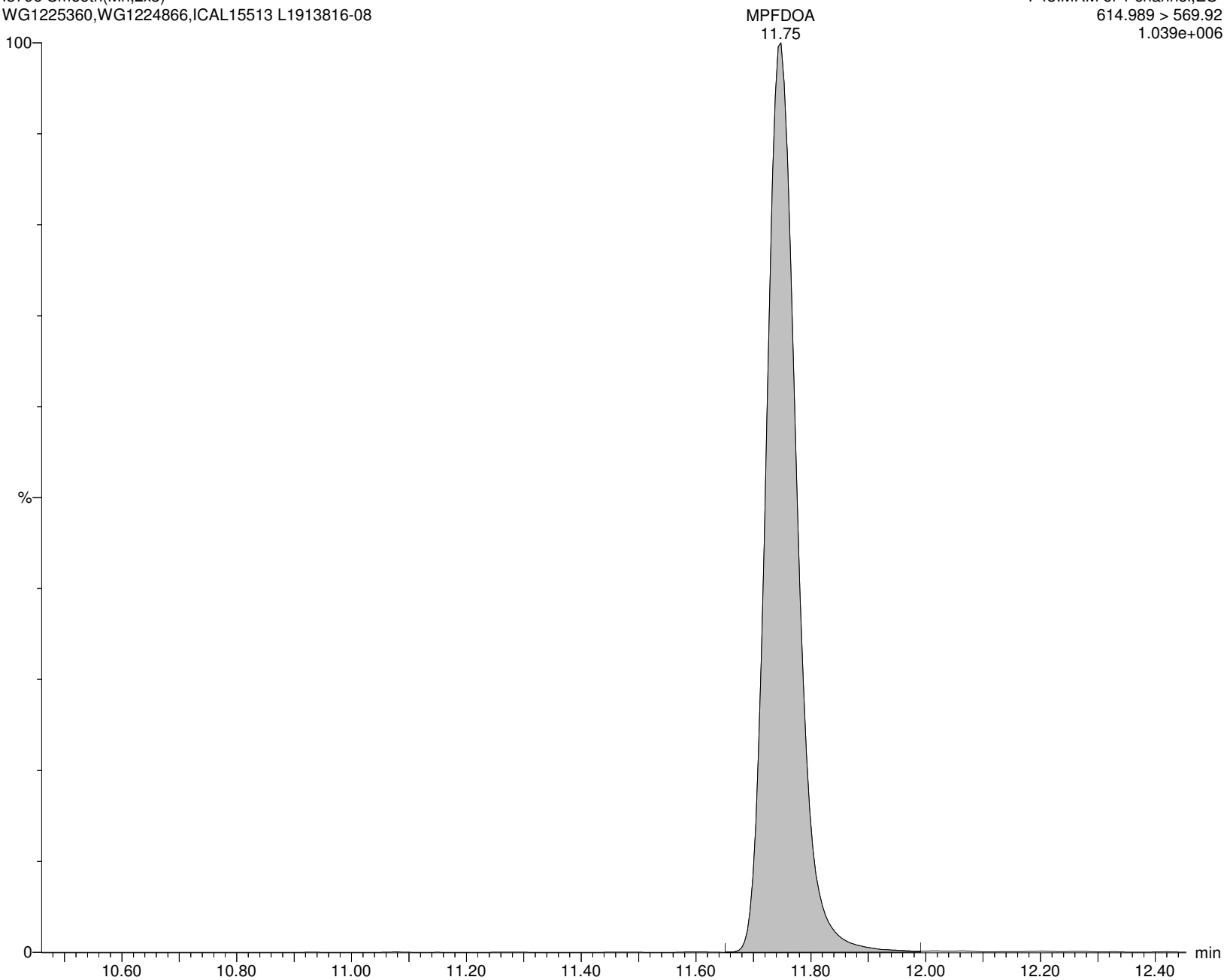
I3796 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-08

F48:MRM of 1 channel,ES-

614.989 > 569.92

1.039e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTTrDA

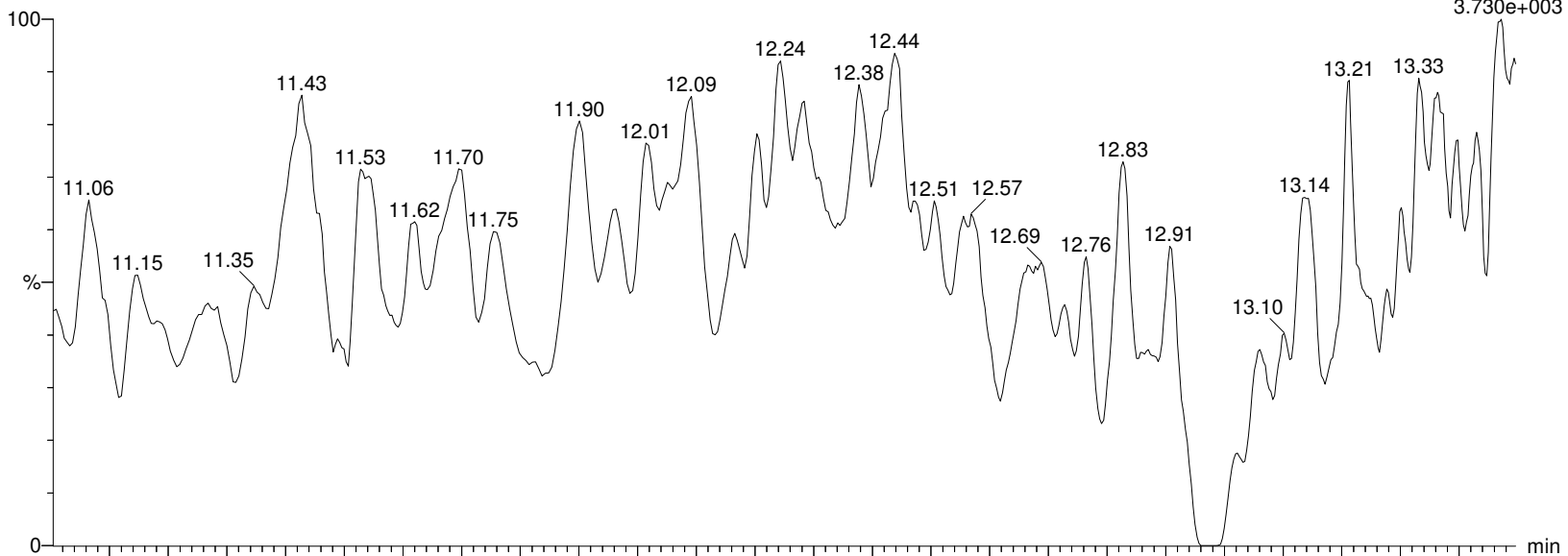
I3796 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-08

F51:MRM of 2 channels,ES-

663.053 > 618.969

3.730e+003



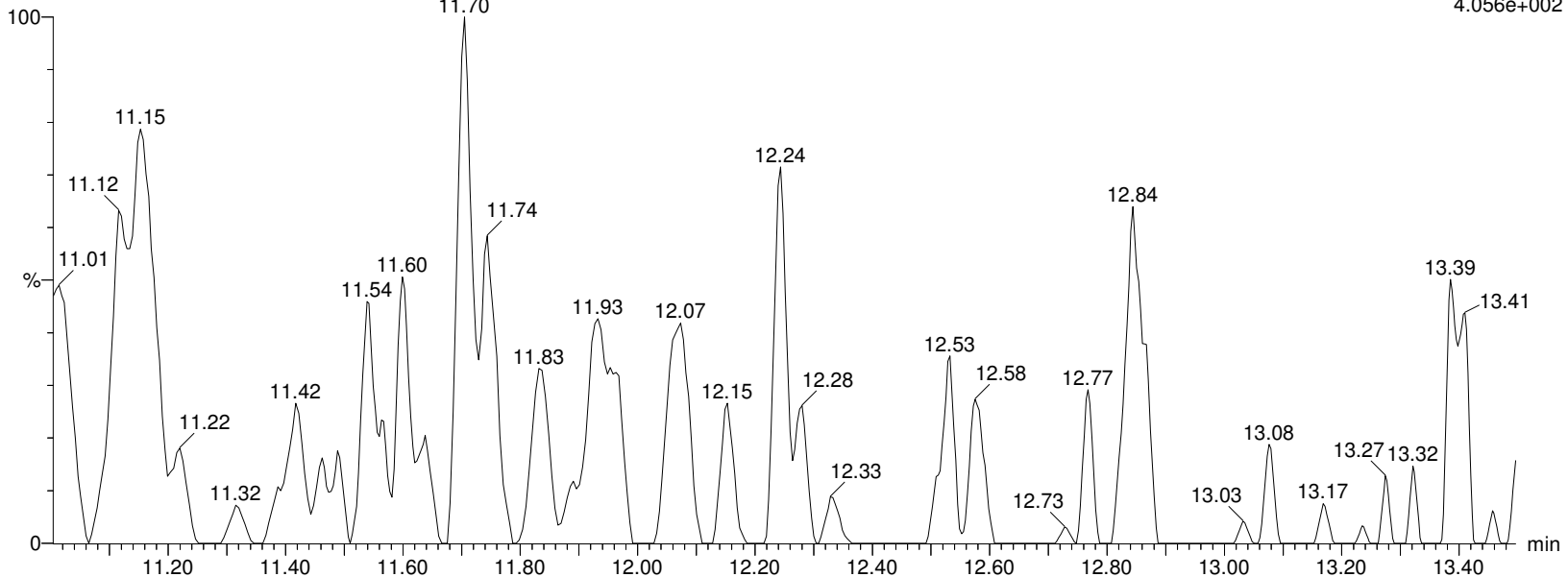
I3796 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 L1913816-08

F51:MRM of 2 channels,ES-

663.053 > 319.02

4.056e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

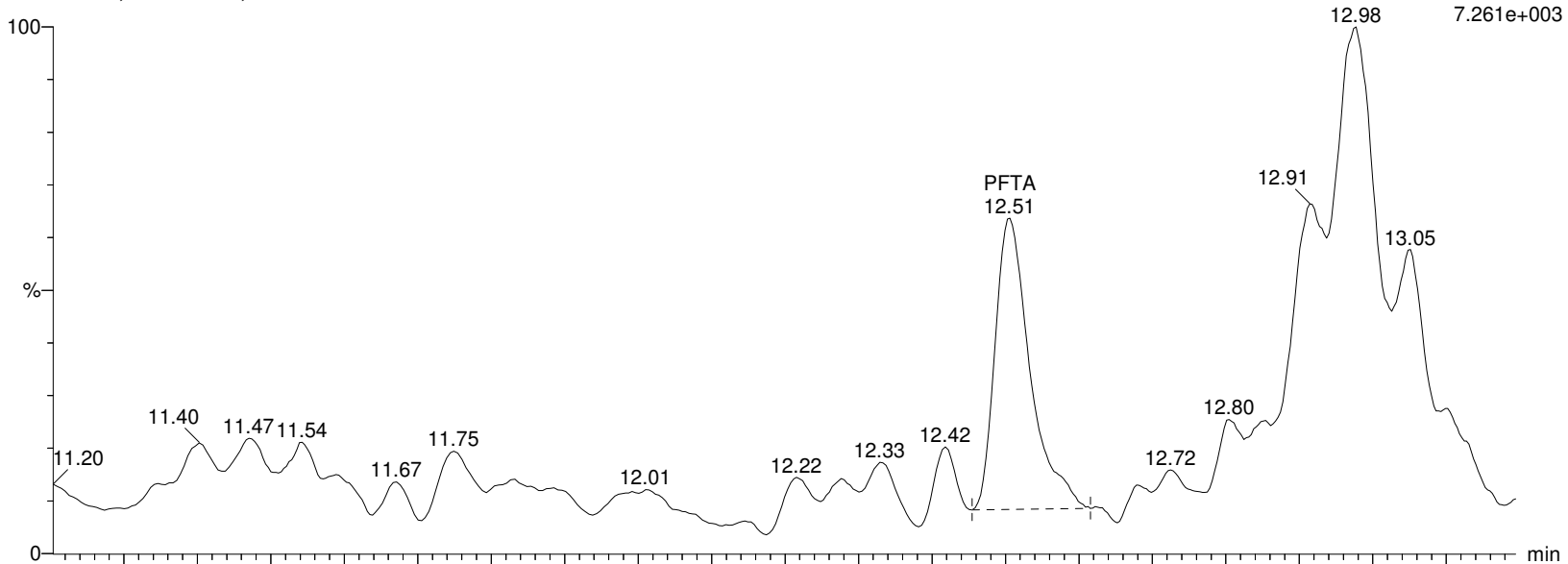
Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTA

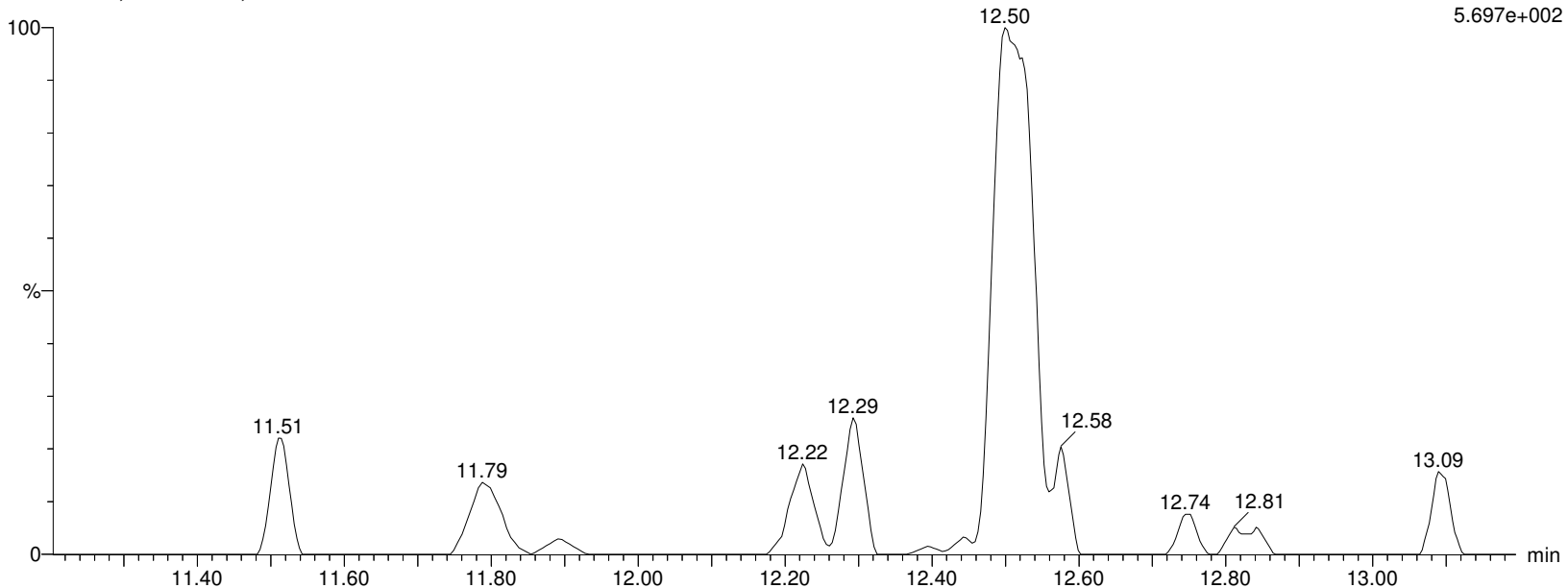
I3796 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-08



I3796 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-08



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 17:01:36 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:02:00 Eastern Daylight Time

Name: I3796

ID: L1913816-08

Date: 11-Apr-2019

Time: 16:16:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:C,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFTEDA

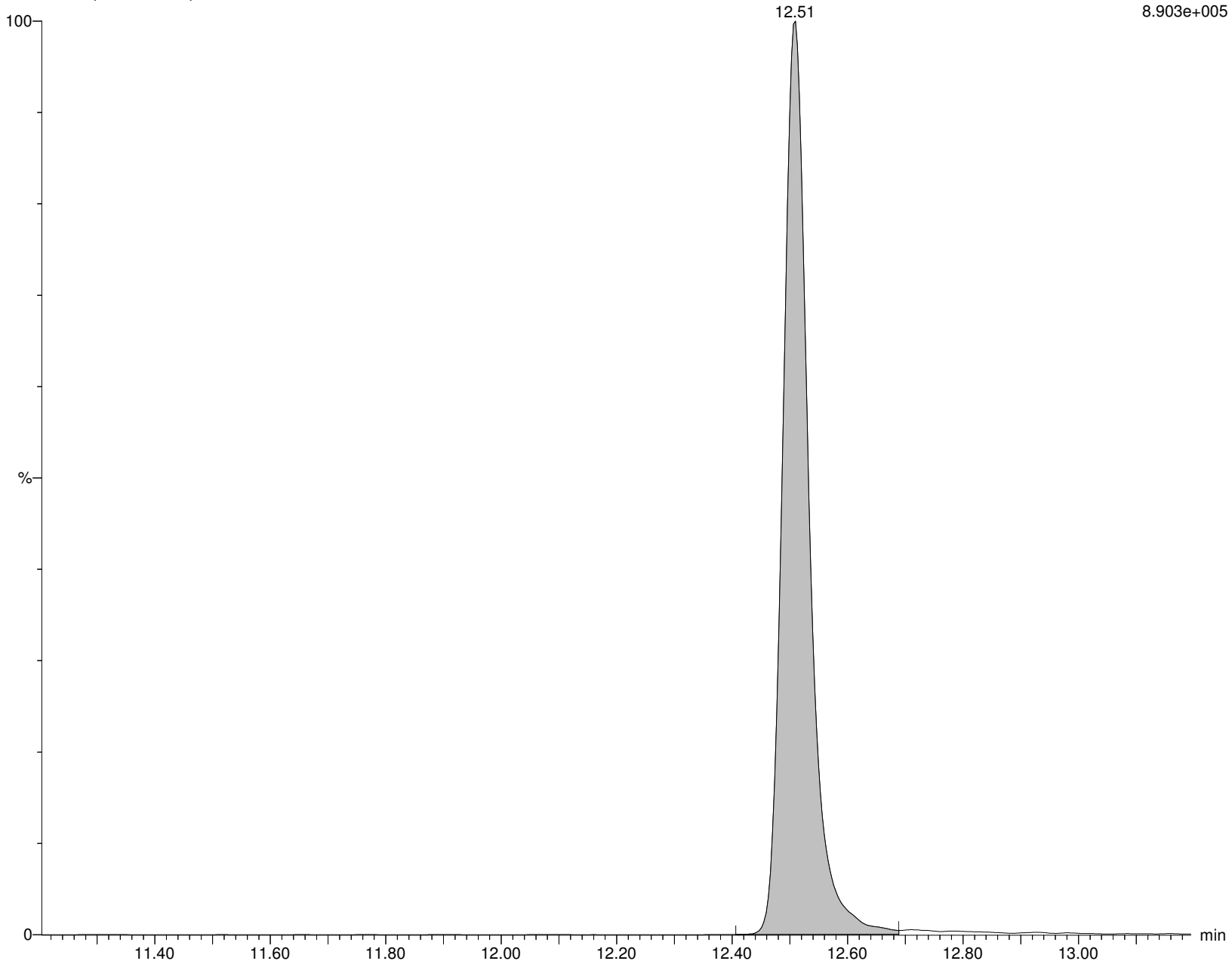
I3796 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 L1913816-08

F53:MRM of 1 channel,ES-

715.053 > 669.945

8.903e+005



Semivolatiles Standards Data

Initial Calibration

Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 1 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Method: C:\MassLynx\Data\2019\190214_537ISO.PRO\MethDB\537ISO_Q.mdb 10 Jan 2019 15:42:15

Calibration: C:\MassLynx\Data\2019\190214_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 07:45:17

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	2.310	53440.711	2195.664	0.479	95.8	0.822	130		0.97
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	2.316	53750.660	4448.312	0.965	96.5	0.828	377		0.94
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	2.316	53362.512	21858.338	4.775	95.5	0.819	1809		0.94
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	2.310	55744.066	45737.945	9.565	95.7	0.820	2552		0.98
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	2.310	52845.887	220391.797	48.617	97.2	0.834	10655		0.99
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	2.310	49885.453	556515.375	130.050	104.0	0.892	40713		0.98
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	2.310	49630.164	641454.750	150.671	100.4	0.862	23027		0.98
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	2.310	48129.762	1048511.875	253.961	101.6	0.871	52441		0.98
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	2.310	44713.152	1888685.250	492.416	98.5	0.845	82997		0.99

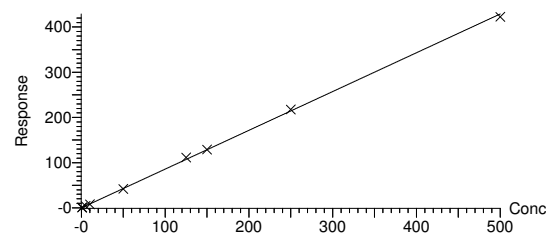
Compound name: PFBA

Coefficient of Determination: $R^2 = 0.999575$

Calibration curve: $0.857812 * x$

Response type: Internal Std (Ref 3), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 2 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M3PFBA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	2.312		47830.746	10.077	100.8	4783.075	7460		2.90
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	2.312		49806.930	10.493	104.9	4980.693	9723		3.86
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	2.312		49863.836	10.505	105.1	4986.384	7076		3.89
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	2.306		51769.461	10.907	109.1	5176.946	9429		3.58
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	2.306		47508.926	10.009	100.1	4750.893	11419		3.60
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	2.312		47425.391	9.992	99.9	4742.539	14059		3.57
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	2.306		46744.270	9.848	98.5	4674.427	11551		3.68
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	2.306		44776.668	9.433	94.3	4477.667	7086		1.95
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	2.306		41464.777	8.736	87.4	4146.478	7350		3.10

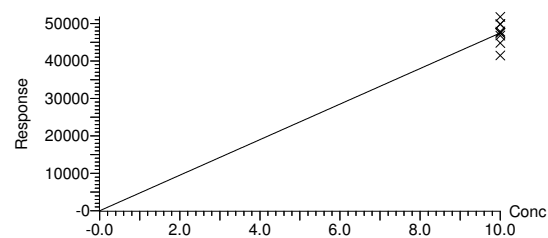
Compound name: M3PFBA

Response Factor: 4746.57

RRF SD: 303.426, % Relative SD: 6.39254

Response type: External Std, Area

Curve type: RF



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 3 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: MPFBA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	2.308	47830.746	53440.711	10.343	103.4	1.117	9250		4.82
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	2.308	49806.930	53750.660	9.990	99.9	1.079	9183		2.98
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	2.314	49863.836	53362.512	9.906	99.1	1.070	8087		4.94
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	2.308	51769.461	55744.066	9.967	99.7	1.077	24789		4.59
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	2.308	47508.926	52845.887	10.297	103.0	1.112	13621		2.56
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	2.308	47425.391	49885.453	9.737	97.4	1.052	13751		3.30
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	2.308	46744.270	49630.164	9.828	98.3	1.062	15804		2.89
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	2.308	44776.668	48129.762	9.950	99.5	1.075	4582		3.01
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	2.308	41464.777	44713.152	9.982	99.8	1.078	5895		2.63

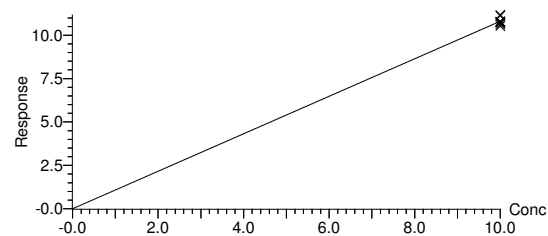
Compound name: MPFBA

Response Factor: 1.08029

RRF SD: 0.0214961, % Relative SD: 1.98985

Response type: Internal Std (Ref 2), Area * (IS Conc. / IS Area)

Curve type: RF



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 4 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFPeA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	5.049	68606.055	3604.222	0.491	98.1	1.051	179		1.53
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	5.051	69274.836	7245.065	0.977	97.7	1.046	345		1.61
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	5.051	68197.281	34028.398	4.659	93.2	0.998	2149		1.75
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	5.051	71834.063	71750.391	9.327	93.3	0.999	3911		1.70
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	5.049	66117.625	335644.250	47.401	94.8	1.015	18192		1.70
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	5.045	61393.660	829942.250	126.227	101.0	1.081	35423		1.71
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	5.045	61514.719	970573.438	147.325	98.2	1.052	20644		1.77
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	5.045	57036.863	1533852.125	251.104	100.4	1.076	49791		1.68
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	5.043	51341.816	2771197.750	503.991	100.8	1.080	57880		1.61

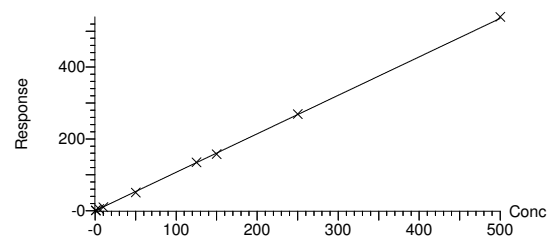
Compound name: PFPeA

Coefficient of Determination: $R^2 = 0.999718$

Calibration curve: $1.07096 \times x$

Response type: Internal Std (Ref 5), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 5 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M5PFPEA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	5.049	47830.746	68606.055	10.673	106.7	1.434	9982		2.18
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	5.049	49806.930	69274.836	10.350	103.5	1.391	6148		1.86
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	5.049	49863.836	68197.281	10.177	101.8	1.368	5751		1.96
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	5.049	51769.461	71834.063	10.325	103.3	1.388	7892		2.21
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	5.047	47508.926	66117.625	10.356	103.6	1.392	6717		1.77
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	5.043	47425.391	61393.660	9.633	96.3	1.295	2185		2.08
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	5.043	46744.270	61514.719	9.793	97.9	1.316	8000		2.24
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	5.043	44776.668	57036.863	9.479	94.8	1.274	3294		1.91
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	5.041	41464.777	51341.816	9.214	92.1	1.238	2205		1.50

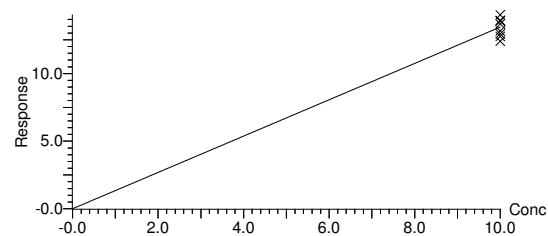
Compound name: M5PFPEA

Response Factor: 1.34385

RRF SD: 0.0656171, % Relative SD: 4.88276

Response type: Internal Std (Ref 2), Area * (IS Conc. / IS Area)

Curve type: RF



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 6 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFBS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	5.676	12466.532	503.099	0.387	87.4	0.912	257		1.22
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	5.663	12444.939	1011.725	0.779	88.0	0.919	170		1.39
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	5.667	12588.182	5191.461	3.951	89.3	0.932	168		1.45
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	5.667	12913.104	10904.400	8.089	91.4	0.954	321		1.92
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	5.665	12121.451	51726.098	40.878	92.4	0.964	16202		2.15
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	5.661	11043.497	127450.227	110.552	99.9	1.043	11447		2.10
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	5.663	10806.027	147205.703	130.494	98.3	1.026	1312		2.09
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	5.661	10097.815	229176.781	217.409	98.3	1.026	6015		2.02
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	5.659	8641.490	409047.813	453.439	102.5	1.070	11139		1.95

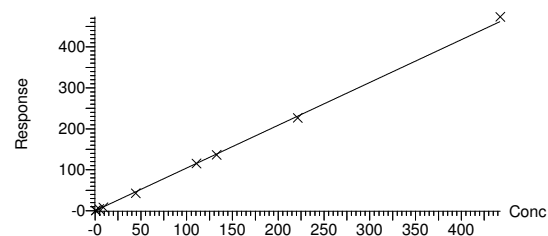
Compound name: PFBS

Coefficient of Determination: $R^2 = 0.999189$

Calibration curve: $1.04392 \times x$

Response type: Internal Std (Ref 7), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 7 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M3PFBS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	5.668	9814.570	12466.532	10.212	102.1	1.270	1209		1.72
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	5.666	10510.940	12444.939	9.519	95.2	1.184	3116		2.56
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	5.668	10495.651	12588.182	9.642	96.4	1.199	2657		2.78
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	5.665	10469.830	12913.104	9.915	99.2	1.233	4054		3.21
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	5.663	9385.645	12121.451	10.383	103.8	1.291	3976		1.65
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	5.661	9335.229	11043.497	9.511	95.1	1.183	1910		1.35
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	5.659	8826.887	10806.027	9.842	98.4	1.224	1986		1.97
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	5.659	7834.846	10097.815	10.361	103.6	1.289	364		1.83
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	5.661	6544.558	8641.490	10.615	106.2	1.320	1919		1.46

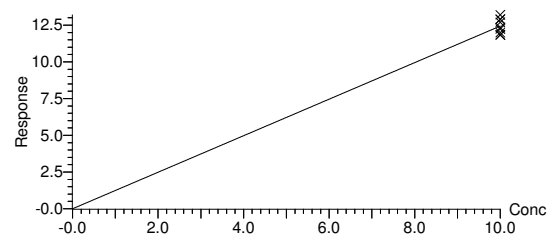
Compound name: M3PFBS

Response Factor: 1.24388

RRF SD: 0.050755, % Relative SD: 4.08039

Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)

Curve type: RF



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 8 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: 4:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	6.804	4710.350	276.625	0.489	104.6	1.256	34	44	1.77
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	6.812	4908.053	562.356	0.955	102.2	1.225	111	64	2.06
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	6.809	5163.654	2889.821	4.718	100.9	1.197	163	62	1.98
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	6.806	5272.479	5992.315	9.721	104.0	1.216	885	263	1.71
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	6.804	6277.565	30090.076	45.836	98.0	1.025	2174	2031	2.70
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	6.801	7944.277	74776.141	117.593	100.6	0.805	10758	3513	3.11
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	6.801	8571.203	88811.000	150.963	107.6	0.739	11002	4153	2.48
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	6.799	11044.258	147886.859			0.573	17087	9795	2.78
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	6.796	16804.926	281808.094			0.359	31364	16218	3.52

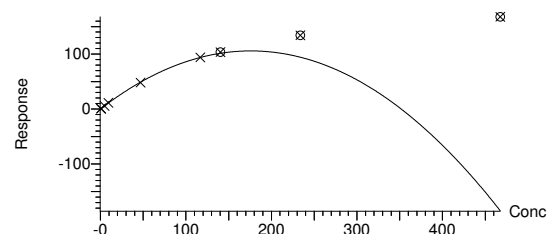
Compound name: 4:2FTS

Coefficient of Determination: $R^2 = 0.999731$

Calibration curve: $-0.00341847 * x^2 + 1.20243 * x$

Response type: Internal Std (Ref 9), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 9 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M2-4:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	6.807	9814.570	4710.350	8.317	83.2	0.480	170		2.14
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	6.807	10510.940	4908.053	8.092	80.9	0.467	4194		1.39
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	6.807	10495.651	5163.654	8.526	85.3	0.492	761		2.92
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	6.805	10469.830	5272.479	8.727	87.3	0.504	896		1.75
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	6.802	9385.645	6277.565	11.591	115.9	0.669	689		1.20
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	6.799	9335.229	7944.277	14.747	147.5	0.851	521		1.67
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	6.799	8826.887	8571.203	16.828	168.3	0.971	310		2.00
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	6.799	7834.846	11044.258	24.428	244.3	1.410	564		1.37
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	6.794	6544.558	16804.926	44.498	445.0	2.568	1093		2.69

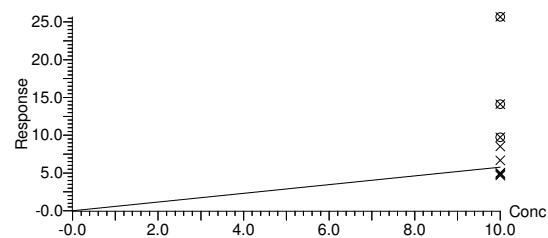
Compound name: M2-4:2FTS

Response Factor: 0.577049

RRF SD: 0.153403, % Relative SD: 26.5841

Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)

Curve type: RF



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 10 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFHxA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	6.894	87134.438	4671.739	0.529	105.9	1.072	484	26	1.77
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	6.889	90305.602	9104.992	0.996	99.6	1.008	452	42	2.17
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	6.891	89325.688	41983.168	4.641	92.8	0.940	2602	250	1.85
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	6.889	91943.539	87357.680	9.383	93.8	0.950	5478	533	1.79
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	6.886	85939.563	412323.875	47.381	94.8	0.960	18595	1810	2.16
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	6.883	79651.609	1016122.625	125.983	100.8	1.021	32016	3149	2.13
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	6.886	78519.781	1188965.500	149.537	99.7	1.009	28427	6756	2.13
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	6.881	73573.508	1868110.500	250.750	100.3	1.016	22716	11293	2.21
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	6.878	65693.070	3341356.000	502.299	100.5	1.017	66629	7071	2.18

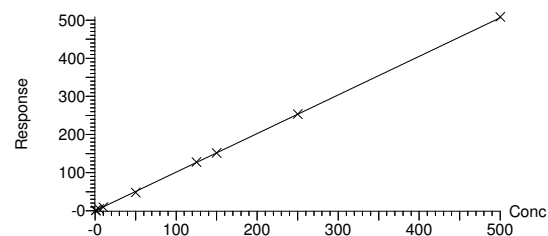
Compound name: PFHxA

Coefficient of Determination: $R^2 = 0.999790$

Calibration curve: $1.01261 \times x$

Response type: Internal Std (Ref 11), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 11 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M5PFHxA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	6.889	102602.688	87134.438	10.215	102.1	0.849	10968		2.50
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	6.891	105983.063	90305.602	10.249	102.5	0.852	8701		3.16
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	6.889	105970.758	89325.688	10.139	101.4	0.843	7757		2.69
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	6.889	110014.641	91943.539	10.052	100.5	0.836	5537		2.54
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	6.886	98537.977	85939.563	10.490	104.9	0.872	6975		2.57
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	6.884	98710.336	79651.609	9.706	97.1	0.807	5453		2.54
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	6.884	96999.094	78519.781	9.737	97.4	0.809	7614		2.54
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	6.881	90308.586	73573.508	9.799	98.0	0.815	2371		2.09
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	6.876	82193.836	65693.070	9.613	96.1	0.799	4043		2.09

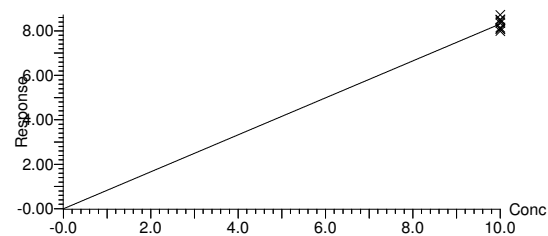
Compound name: M5PFHxA

Response Factor: 0.831387

RRF SD: 0.024875, % Relative SD: 2.99199

Response type: Internal Std (Ref 21), Area * (IS Conc. / IS Area)

Curve type: RF



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. Lab Number : L1913816
 Project Name : ELDRE CORP.-EMERGING CONTAM Project Number : 212721.01
 Instrument ID : LCMS02 Ical Ref : ICAL15513
 Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 12 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFPeS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	7.197	9071.605	606.126	0.457	97.1	1.422	45	42	2.05
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	7.194	9332.818	1183.638	0.867	92.2	1.349	92	62	1.62
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	7.194	8959.232	5943.206	4.532	96.4	1.411	2410	291	2.31
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	7.194	9245.134	12333.367	9.115	97.0	1.419	2266	998	2.38
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	7.187	8609.410	57366.402	45.527	96.9	1.418	4411	2000	2.40
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	7.183	7699.075	136010.531	120.702	102.7	1.503	10134	6516	2.46
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	7.183	7483.598	156004.172	142.432	101.0	1.478	11292	4570	2.40
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	7.177	7072.885	238446.625	230.343	98.0	1.435	14897	10060	2.13
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	7.166	5775.966	399041.813	472.036	100.4	1.470	20604	8418	2.71

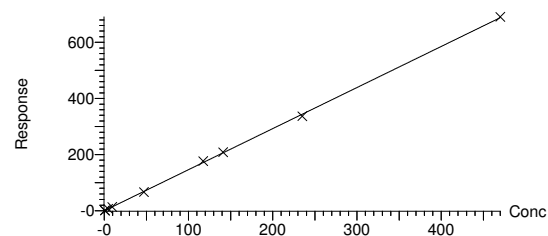
Compound name: PFPeS

Coefficient of Determination: $R^2 = 0.999731$

Calibration curve: $1.46359 \times x$

Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 13 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFHpA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	8.144	114466.047	5515.679	0.481	96.3	0.964	653	136	1.58
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	8.147	116992.039	11007.127	0.940	94.0	0.941	859	228	2.36
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	8.147	114088.102	53489.680	4.683	93.7	0.938	4749	552	2.16
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	8.147	117293.078	110204.938	9.385	93.9	0.940	2003	1368	2.27
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	8.144	111532.109	531020.813	47.558	95.1	0.952	33655	3406	2.22
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	8.140	103670.367	1307477.750	125.977	100.8	1.009	30036	11725	2.24
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	8.140	100384.367	1513780.250	150.628	100.4	1.005	37100	12834	2.29
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	8.140	95082.281	2353326.750	247.225	98.9	0.990	31024	18406	2.29
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	8.137	85004.508	4294356.000	504.622	100.9	1.010	47604	18036	2.30

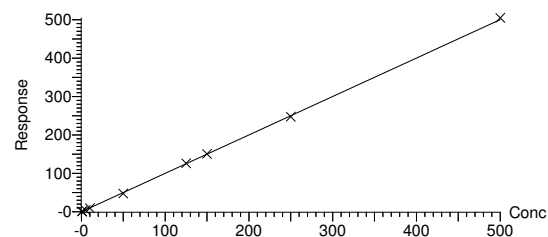
Compound name: PFHpA

Coefficient of Determination: $R^2 = 0.999752$

Calibration curve: $1.00113 \times x$

Response type: Internal Std (Ref 14), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 14 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M4PFHpA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	8.144	102602.688	114466.047	10.387	103.9	1.116	5708		2.62
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	8.144	105983.063	116992.039	10.278	102.8	1.104	11392		2.41
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	8.144	105970.758	114088.102	10.024	100.2	1.077	6603		2.60
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	8.147	110014.641	117293.078	9.927	99.3	1.066	10166		2.02
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	8.144	98537.977	111532.109	10.538	105.4	1.132	6570		3.40
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	8.140	98710.336	103670.367	9.779	97.8	1.050	4465		2.56
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	8.140	96999.094	100384.367	9.636	96.4	1.035	7274		2.63
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	8.137	90308.586	95082.281	9.803	98.0	1.053	8303		2.34
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	8.137	82193.836	85004.508	9.629	96.3	1.034	5774		2.69

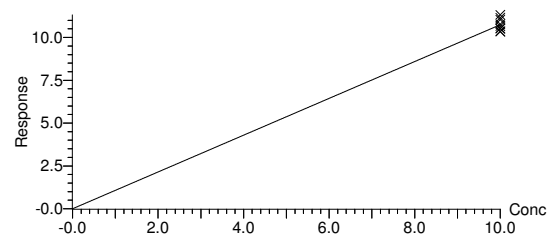
Compound name: M4PFHpA

Response Factor: 1.07404

RRF SD: 0.0356483, % Relative SD: 3.3191

Response type: Internal Std (Ref 21), Area * (IS Conc. / IS Area)

Curve type: RF



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 15 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: br-PFHxS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	8.076	9071.605	66.249	0.058	68.0	0.859	5	5	0.51
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	8.073	9332.818	126.399	0.107	63.1	0.797	8	4	0.47
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	8.067	8959.232	841.562	0.741	87.1	1.105	56	7	0.67
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	8.073	9245.134	1904.742	1.616	95.1	1.212	84	26	0.78
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	8.067	8609.410	9217.573	8.090	95.2	1.260	96	276	1.09
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	8.061	7699.075	23902.154	21.766	102.4	1.461	354	50	1.19
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	8.061	7483.598	27720.455	25.472	99.9	1.453	442	1129	0.95
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	8.061	7072.885	47972.027	42.802	100.7	1.596	1639	758	1.04
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	8.061	5775.966	93149.125	84.836	99.8	1.897	1675	262	1.30

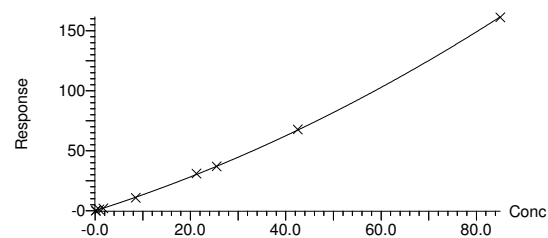
Compound name: br-PFHxS

Coefficient of Determination: $R^2 = 0.999694$

Calibration curve: $0.00752574 * x^2 + 1.26252 * x$

Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 16 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: L-PFHxS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	8.296	9071.605	400.359	0.319	86.2	1.193	37	41	1.69
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	8.303	9332.818	885.758	0.686	92.7	1.283	79	26	1.67
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	8.299	8959.232	4351.691	3.509	94.8	1.313	469	94	2.06
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	8.299	9245.134	8988.492	7.024	94.9	1.314	624	269	2.11
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	8.295	8609.410	42426.898	35.603	96.2	1.332	707	2423	2.64
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	8.292	7699.075	100693.789	94.490	102.2	1.414	2276	405	2.94
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	8.292	7483.598	114993.758	111.016	100.0	1.384	2752	9018	3.31
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	8.289	7072.885	175912.953	179.690	97.1	1.344	8494	5479	3.19
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	8.285	5775.966	300098.438	375.372	101.5	1.404	7580	1609	4.33

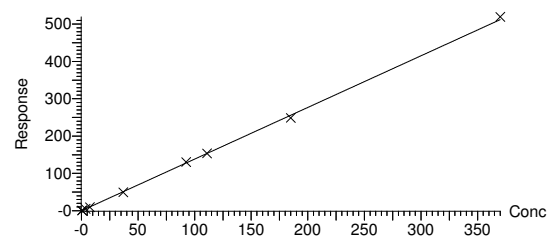
Compound name: L-PFHxS

Coefficient of Determination: $R^2 = 0.999538$

Calibration curve: $1.38413 \times x$

Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 17 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFHxS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21		9071.605	466.608	0.377					
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55		9332.818	1012.157	0.793					
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33		8959.232	5193.253	4.250					
4	I2268	IA2-537STD010	14-Feb-19	16:07:08		9245.134	10893.234	8.640					
5	I2269	IA2-537STD050	14-Feb-19	16:23:41		8609.410	51644.471	43.693					
6	I2270	IA2-537STD125	14-Feb-19	16:40:15		7699.075	124595.943	116.256					
7	I2271	IA2-537STD150	14-Feb-19	16:56:49		7483.598	142714.213	136.488					
8	I2272	IA2-537STD250	14-Feb-19	17:13:23		7072.885	223884.980	222.492					
9	I2273	IA2-537STD500	14-Feb-19	17:29:57		5775.966	393247.563	460.208					

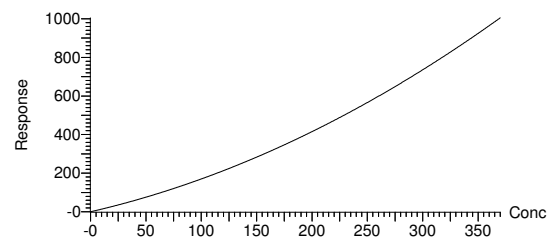
Compound name: PFHxS

Coefficient of Determination: 0.000000

Calibration curve: $1.32333 \times x$

Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 18 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M3PFHxS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	8.296	9814.570	9071.605	10.498	105.0	0.924	788		2.09
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	8.299	10510.940	9332.818	10.085	100.8	0.888	1767		2.41
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	8.299	10495.651	8959.232	9.695	97.0	0.854	1997		2.13
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	8.299	10469.830	9245.134	10.029	100.3	0.883	635		1.75
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	8.296	9385.645	8609.410	10.419	104.2	0.917	1497		2.01
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	8.292	9335.229	7699.075	9.367	93.7	0.825	267		2.40
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	8.289	8826.887	7483.598	9.629	96.3	0.848	1352		2.48
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	8.289	7834.846	7072.885	10.253	102.5	0.903	1686		1.73
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	8.285	6544.558	5775.966	10.024	100.2	0.883	771		2.35

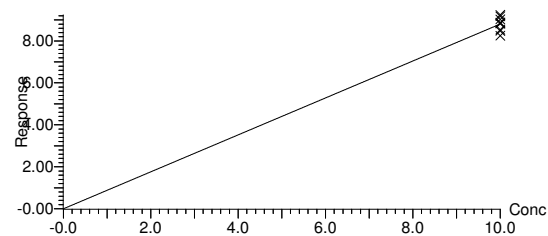
Compound name: M3PFHxS

Response Factor: 0.880445

RRF SD: 0.0330411, % Relative SD: 3.75277

Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)

Curve type: RF



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 19 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: br-PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21		102279.609							
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55		102801.859							
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33		103848.039							
4	I2268	IA2-537STD010	14-Feb-19	16:07:08		104749.414							
5	I2269	IA2-537STD050	14-Feb-19	16:23:41		98602.719							
6	I2270	IA2-537STD125	14-Feb-19	16:40:15		91886.219							
7	I2271	IA2-537STD150	14-Feb-19	16:56:49		90537.289							
8	I2272	IA2-537STD250	14-Feb-19	17:13:23		86080.008							
9	I2273	IA2-537STD500	14-Feb-19	17:29:57		76172.523							

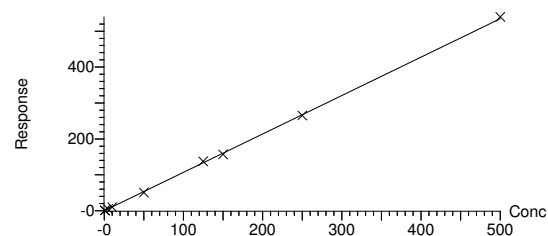
Compound name: L-PFOA

Coefficient of Determination: $R^2 = 0.999625$

Calibration curve: $1.06918 \times x$

Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 20 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: L-PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	9.080	102279.609	5276.021	0.482	96.5	1.032	219	45	1.81
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	9.080	102801.859	10333.428	0.940	94.0	1.005	423	163	2.26
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	9.080	103848.039	51306.410	4.621	92.4	0.988	2301	886	2.00
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	9.080	104749.414	107239.961	9.575	95.8	1.024	2177	666	2.18
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	9.076	98602.719	500167.563	47.444	94.9	1.015	9399	2856	2.88
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	9.076	91886.219	1262583.250	128.517	102.8	1.099	28272	3152	3.01
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	9.076	90537.289	1424397.000	147.148	98.1	1.049	25410	4958	3.52
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	9.073	86080.008	2281375.750	247.882	99.2	1.060	37428	9942	2.65
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	9.069	76172.523	4111925.750	504.891	101.0	1.080	59876	10002	2.73

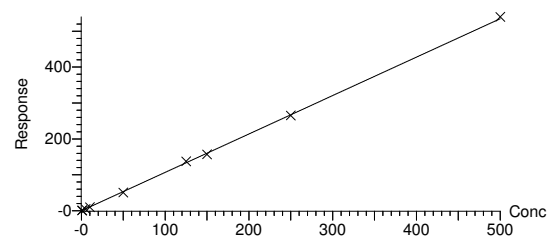
Compound name: L-PFOA

Coefficient of Determination: $R^2 = 0.999625$

Calibration curve: $1.06918 \times x$

Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 21 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M2PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	9.080		102602.688	10.360	103.6	10260.269	2559		1.72
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	9.080		105983.063	10.702	107.0	10598.306	4365		2.76
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	9.080		105970.758	10.700	107.0	10597.076	2210		1.89
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	9.080		110014.641	11.109	111.1	11001.464	3182		2.34
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	9.076		98537.977	9.950	99.5	9853.798	4664		2.90
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	9.076		98710.336	9.967	99.7	9871.034	3131		3.04
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	9.076		96999.094	9.794	97.9	9699.909	4523		2.11
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	9.073		90308.586	9.119	91.2	9030.859	3013		2.87
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	9.069		82193.836	8.299	83.0	8219.384	3496		2.83

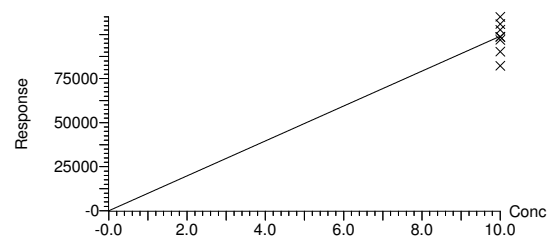
Compound name: M2PFOA

Response Factor: 9903.57

RRF SD: 861.636, % Relative SD: 8.70026

Response type: External Std, Area

Curve type: RF



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 22 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21		102279.609	5276.021	0.482					
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55		102801.859	10333.428	0.940					
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33		103848.039	51306.410	4.621					
4	I2268	IA2-537STD010	14-Feb-19	16:07:08		104749.414	107239.961	9.575					
5	I2269	IA2-537STD050	14-Feb-19	16:23:41		98602.719	500167.563	47.444					
6	I2270	IA2-537STD125	14-Feb-19	16:40:15		91886.219	1262583.250	128.517					
7	I2271	IA2-537STD150	14-Feb-19	16:56:49		90537.289	1424397.000	147.148					
8	I2272	IA2-537STD250	14-Feb-19	17:13:23		86080.008	2281375.750	247.882					
9	I2273	IA2-537STD500	14-Feb-19	17:29:57		76172.523	4111925.750	504.891					

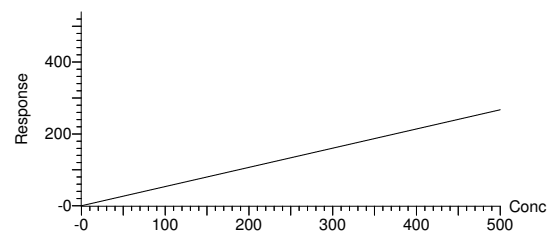
Compound name: PFOA

Coefficient of Determination: 0.000000

Calibration curve: $0.534588 \cdot x$

Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 23 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M8PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	9.080	102602.688	102279.609	10.379	103.8	0.997	4972		2.71
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	9.080	105983.063	102801.859	10.100	101.0	0.970	3682		2.40
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	9.080	105970.758	103848.039	10.204	102.0	0.980	3566		1.96
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	9.080	110014.641	104749.414	9.914	99.1	0.952	1309		3.41
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	9.076	98537.977	98602.719	10.419	104.2	1.001	3840		2.48
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	9.076	98710.336	91886.219	9.692	96.9	0.931	4416		2.99
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	9.076	96999.094	90537.289	9.718	97.2	0.933	4195		3.02
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	9.073	90308.586	86080.008	9.925	99.2	0.953	2451		2.66
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	9.069	82193.836	76172.523	9.649	96.5	0.927	1907		2.35

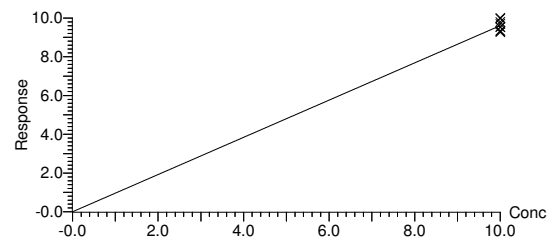
Compound name: M8PFOA

Response Factor: 0.960419

RRF SD: 0.0280166, % Relative SD: 2.91712

Response type: Internal Std (Ref 21), Area * (IS Conc. / IS Area)

Curve type: RF



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 24 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: 6:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	9.038	4496.728	201.398	0.447	94.0	0.943	254		1.30
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	9.038	4819.370	437.148	0.906	95.3	0.955	166		1.51
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	9.038	4390.841	2351.253	5.411	113.9	1.127	646		1.77
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	9.038	5117.079	4789.909	9.565	100.7	0.985	227		1.99
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	9.034	5771.762	23578.133	46.403	97.7	0.860	750		2.20
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	9.034	7064.168	57416.551	117.817	99.2	0.684	3444		1.73
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	9.031	7607.043	68056.938	144.773	101.6	0.628	5534		2.14
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	9.031	10031.460	109654.836			0.460	4316		2.26
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	9.027	14778.884	205151.422			0.292	7698		2.33

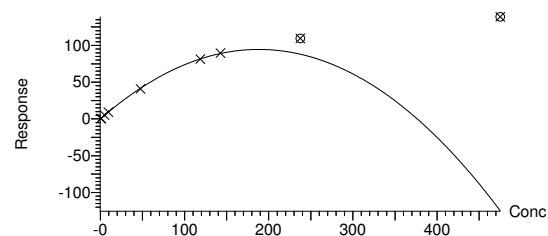
Compound name: 6:2FTS

Coefficient of Determination: $R^2 = 0.999283$

Calibration curve: $-0.00266731 * x^2 + 1.00413 * x$

Response type: Internal Std (Ref 25), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 25 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M2-6:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	9.038	9814.570	4496.728	7.905	79.0	0.458	240		1.99
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	9.034	10510.940	4819.370	7.911	79.1	0.459	486		2.23
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	9.038	10495.651	4390.841	7.218	72.2	0.418	791		2.43
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	9.034	10469.830	5117.079	8.432	84.3	0.489	72		1.76
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	9.034	9385.645	5771.762	10.610	106.1	0.615	1017		2.00
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	9.034	9335.229	7064.168	13.056	130.6	0.757	276		1.91
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	9.034	8826.887	7607.043	14.869	148.7	0.862	729		2.03
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	9.027	7834.846	10031.460	22.090	220.9	1.280	696		2.32
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	9.024	6544.558	14778.884	38.961	389.6	2.258	429		1.78

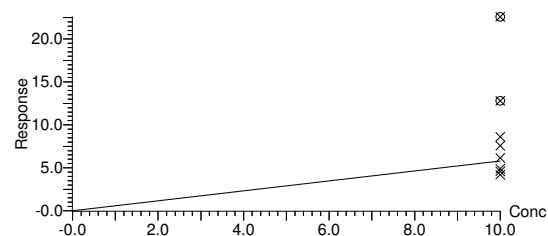
Compound name: M2-6:2FTS

Response Factor: 0.579608

RRF SD: 0.171234, % Relative SD: 29.543

Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)

Curve type: RF



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. Lab Number : L1913816
 Project Name : ELDRE CORP.-EMERGING CONTAM Project Number : 212721.01
 Instrument ID : LCMS02 Ical Ref : ICAL15513
 Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 26 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFHpS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	9.166	10398.749	312.551	0.438	92.2	0.633	15	26	1.62
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	9.172	10049.510	565.153	0.819	86.2	0.592	12	81	1.45
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	9.169	10182.289	3054.372	4.370	92.0	0.632	685	130	1.89
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	9.169	11004.518	6342.302	8.396	88.4	0.607	1170	195	2.54
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	9.166	9550.343	30346.217	46.288	97.4	0.669	4572	2884	2.31
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	9.163	8824.957	72531.633	119.730	100.8	0.692	4759	4596	2.29
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	9.166	8761.356	84123.398	139.872	98.2	0.674	6240	5695	2.46
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	9.163	8008.018	130088.016	236.646	99.6	0.684	5757	4923	2.46
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	9.160	6771.596	223293.891	480.366	101.1	0.694	12255	5853	2.47

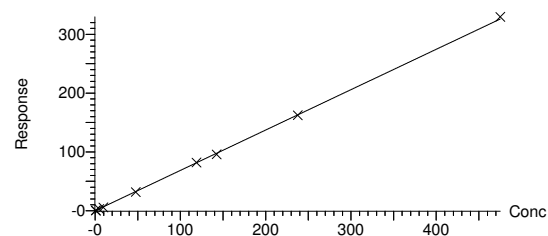
Compound name: PFHpS

Coefficient of Determination: $R^2 = 0.999675$

Calibration curve: $0.686457 * x$

Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 27 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFNA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	9.830	99164.547	4129.605	0.450	90.0	0.833	162	39	2.87
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	9.825	98272.055	8555.550	0.941	94.1	0.871	308	349	1.74
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	9.826	97975.258	42765.328	4.718	94.4	0.873	1013	339	1.74
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	9.830	100428.477	88713.469	9.547	95.5	0.883	2111	1714	2.57
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	9.825	95504.453	422940.563	47.864	95.7	0.886	15284	3828	2.42
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	9.821	86853.484	999616.500	124.394	99.5	0.921	26349	14760	2.60
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	9.822	85241.633	1183468.875	150.058	100.0	0.926	36432	9234	2.52
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	9.818	80686.328	1839668.875	246.430	98.6	0.912	42418	6676	2.64
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	9.818	71254.461	3343106.000	507.098	101.4	0.938	50007	9785	2.66

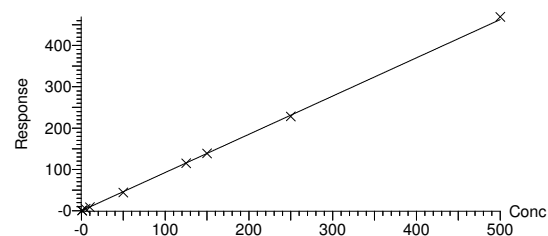
Compound name: PFNA

Coefficient of Determination: $R^2 = 0.999728$

Calibration curve: $0.925223 \times x$

Response type: Internal Std (Ref 28), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 28 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M9PFNA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	9.826	102602.688	99164.547	10.583	105.8	0.966	9145		3.64
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	9.826	105983.063	98272.055	10.153	101.5	0.927	6336		3.44
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	9.826	105970.758	97975.258	10.124	101.2	0.925	5213		2.56
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	9.830	110014.641	100428.477	9.996	100.0	0.913	5465		3.11
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	9.821	98537.977	95504.453	10.613	106.1	0.969	7837		3.66
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	9.822	98710.336	86853.484	9.634	96.3	0.880	2543		2.74
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	9.822	96999.094	85241.633	9.622	96.2	0.879	3886		2.65
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	9.818	90308.586	80686.328	9.783	97.8	0.893	1855		2.69
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	9.818	82193.836	71254.461	9.492	94.9	0.867	2487		3.40

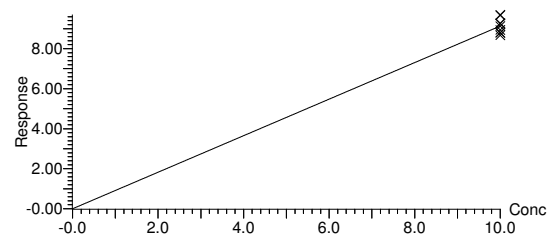
Compound name: M9PFNA

Response Factor: 0.913266

RRF SD: 0.037301, % Relative SD: 4.08435

Response type: Internal Std (Ref 21), Area * (IS Conc. / IS Area)

Curve type: RF



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 29 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: br-PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	9.676	10398.749	108.543	0.078	77.8	1.044	11	19	0.59
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	9.688	10049.510	238.868	0.177	88.5	1.188	7	6	0.51
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	9.684	10182.289	1223.589	0.892	89.2	1.202	56	4	0.32
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	9.692	11004.518	2601.170	1.747	87.3	1.182	60	57	0.31
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	9.684	9550.343	12962.998	9.661	96.6	1.357	297	140	0.24
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	9.685	8824.957	33923.973	25.486	101.9	1.538	251	220	0.34
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	9.681	8761.356	40046.570	29.754	99.2	1.524	1222	291	0.28
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	9.681	8008.018	67894.102	50.683	101.4	1.696	677	1129	0.27
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	9.681	6771.596	134601.563	99.735	99.7	1.988	1908	818	0.29

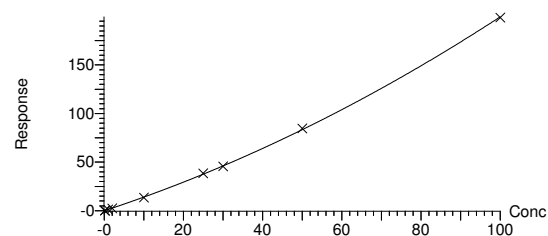
Compound name: br-PFOS

Coefficient of Determination: $R^2 = 0.999714$

Calibration curve: $0.00652793 * x^2 + 1.34194 * x$

Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 30 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: L-PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	9.872	10398.749	312.141	0.262	71.9	0.822	46	178	2.18
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	9.876	10049.510	726.105	0.631	86.5	0.990	32	57	1.72
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	9.876	10182.289	3675.011	3.154	86.4	0.989	294	53	3.03
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	9.876	11004.518	7882.938	6.261	85.8	0.981	335	612	2.84
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	9.872	9550.343	37376.719	34.206	93.7	1.072	1499	1207	3.05
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	9.870	8824.957	92062.328	91.177	99.9	1.143	1316	1697	4.09
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	9.870	8761.356	107230.891	106.970	97.7	1.118	6027	2367	4.27
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	9.870	8008.018	164812.094	179.878	98.6	1.128	2953	8357	3.91
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	9.870	6771.596	289964.344	374.255	102.5	1.173	7336	5027	3.15

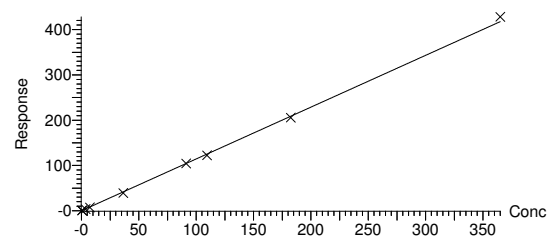
Compound name: L-PFOS

Coefficient of Determination: $R^2 = 0.999064$

Calibration curve: $1.14416 * x$

Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 31 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21		10398.749	420.684	0.340					
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55		10049.510	964.973	0.808					
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33		10182.289	4898.600	4.046					
4	I2268	IA2-537STD010	14-Feb-19	16:07:08		11004.518	10484.108	8.007					
5	I2269	IA2-537STD050	14-Feb-19	16:23:41		9550.343	50339.717	43.866					
6	I2270	IA2-537STD125	14-Feb-19	16:40:15		8824.957	125986.301	116.663					
7	I2271	IA2-537STD150	14-Feb-19	16:56:49		8761.356	147277.461	136.725					
8	I2272	IA2-537STD250	14-Feb-19	17:13:23		8008.018	232706.196	230.561					
9	I2273	IA2-537STD500	14-Feb-19	17:29:57		6771.596	424565.907	473.991					

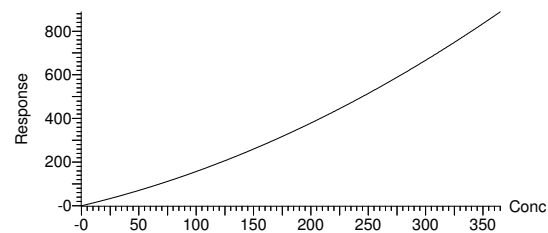
Compound name: PFOS

Coefficient of Determination: 0.000000

Calibration curve: $1.24305 * x$

Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 32 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M4PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	9.876		9814.570	10.614	106.1	981.457	1730		2.05
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	9.872		10510.940	11.368	113.7	1051.094	655		2.12
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	9.876		10495.651	11.351	113.5	1049.565	1870		2.38
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	9.876		10469.830	11.323	113.2	1046.983	646		3.01
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	9.872		9385.645	10.151	101.5	938.564	538		2.92
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	9.870		9335.229	10.096	101.0	933.523	981		2.09
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	9.870		8826.887	9.546	95.5	882.689	2026		2.50
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	9.870		7834.846	8.473	84.7	783.485	893		2.22
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	9.870		6544.558	7.078	70.8	654.456	726		2.42

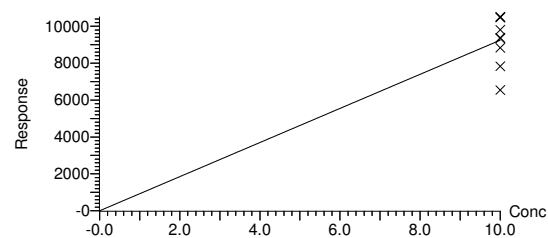
Compound name: M4PFOS

Response Factor: 924.646

RRF SD: 134.513, % Relative SD: 14.5475

Response type: External Std, Area

Curve type: RF



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 33 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M8PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	9.872	9814.570	10398.749	10.538	105.4	1.060	597		2.90
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	9.872	10510.940	10049.510	9.509	95.1	0.956	391		2.56
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	9.872	10495.651	10182.289	9.649	96.5	0.970	161442		2.24
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	9.876	10469.830	11004.518	10.454	104.5	1.051	385		3.25
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	9.872	9385.645	9550.343	10.120	101.2	1.018	533		3.34
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	9.870	9335.229	8824.957	9.402	94.0	0.945	283		2.29
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	9.870	8826.887	8761.356	9.872	98.7	0.993	1069		2.55
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	9.866	7834.846	8008.018	10.166	101.7	1.022	741		2.04
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	9.866	6544.558	6771.596	10.291	102.9	1.035	455		2.84

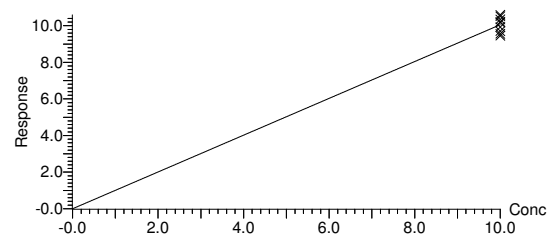
Compound name: M8PFOS

Response Factor: 1.00545

RRF SD: 0.0414497, % Relative SD: 4.12248

Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)

Curve type: RF



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 34 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	10.4...	91992.289	3978.003	0.466	93.3	0.865	110	48	1.78
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	10.4...	91588.445	7572.664	0.892	89.2	0.827	357	61	1.28
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	10.4...	91931.789	37700.078	4.423	88.5	0.820	1765	364	2.69
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	10.4...	93766.531	79940.797	9.195	92.0	0.853	2524	578	2.79
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	10.4...	84798.953	358116.781	45.549	91.1	0.845	6315	2966	2.66
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	10.4...	73912.203	874346.875	127.588	102.1	0.946	13958	2699	2.64
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	10.4...	73982.563	986034.938	143.749	95.8	0.889	11181	4744	2.63
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	10.4...	69119.031	1572750.250	245.417	98.2	0.910	7741	11736	2.82
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	10.4...	57484.496	2740682.000	514.221	102.8	0.954	20941	4256	2.86

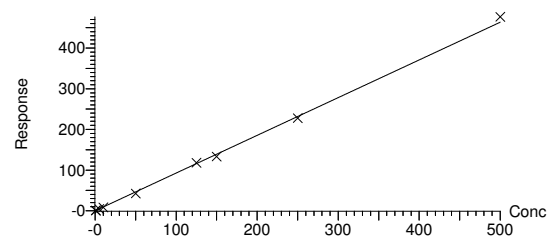
Compound name: PFDA

Coefficient of Determination: $R^2 = 0.998745$

Calibration curve: $0.927167 \times x$

Response type: Internal Std (Ref 36), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. Lab Number : L1913816
 Project Name : ELDRE CORP.-EMERGING CONTAM Project Number : 212721.01
 Instrument ID : LCMS02 Ical Ref : ICAL15513
 Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 35 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M2PFDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	10.4...		82229.539	10.901	109.0	8222.954	10671		2.35
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	10.4...		84503.523	11.203	112.0	8450.352	9861		3.76
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	10.4...		84819.578	11.245	112.4	8481.958	9855		2.18
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	10.4...		87811.344	11.641	116.4	8781.134	11021		3.31
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	10.4...		76706.633	10.169	101.7	7670.663	9475		2.42
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	10.4...		71294.813	9.452	94.5	7129.481	4330		2.77
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	10.4...		69184.242	9.172	91.7	6918.424	7478		3.99
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	10.4...		65652.602	8.704	87.0	6565.260	4526		3.10
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	10.4...		56685.316	7.515	75.1	5668.532	4199		2.68

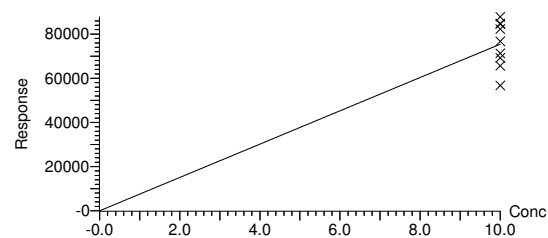
Compound name: M2PFDA

Response Factor: 7543.2

RRF SD: 1045.66, % Relative SD: 13.8623

Response type: External Std, Area

Curve type: RF



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 36 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M6PFDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	10.4...	82229.539	91992.289	10.452	104.5	1.119	2624		3.38
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	10.4...	84503.523	91588.445	10.127	101.3	1.084	3211		4.00
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	10.4...	84819.578	91931.789	10.127	101.3	1.084	2737		2.95
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	10.4...	87811.344	93766.531	9.977	99.8	1.068	4921		2.58
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	10.4...	76706.633	84798.953	10.329	103.3	1.105	4536		3.18
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	10.4...	71294.813	73912.203	9.686	96.9	1.037	1474		2.99
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	10.4...	69184.242	73982.563	9.991	99.9	1.069	2796		3.67
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	10.4...	65652.602	69119.031	9.836	98.4	1.053	3260		4.68
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	10.4...	56685.316	57484.496	9.475	94.7	1.014	3790		2.06

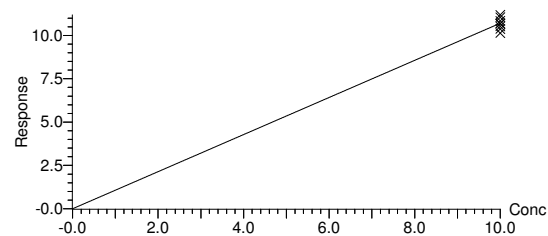
Compound name: M6PFDA

Response Factor: 1.0703

RRF SD: 0.0326935, % Relative SD: 3.05461

Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)

Curve type: RF



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 37 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: 8:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	10.4...	2697.284	174.189	0.566	117.9	1.345	8		1.11
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	10.4...	2614.647	303.674	1.019	106.1	1.210	4		1.48
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	10.4...	2908.461	1750.703	5.338	111.2	1.254	385		2.26
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	10.4...	3275.711	3212.883	8.774	91.4	1.022	431		2.18
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	10.4...	3324.053	16090.647	48.172	100.4	1.008	3178		2.94
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	10.4...	4168.224	39954.750	119.972	100.0	0.799	3788		2.49
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	10.4...	4140.733	47063.766	190.133	132.0	0.789	3189		3.11
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	10.4...	5141.743	74183.547			0.601	4799		2.98
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	10.4...	7494.302	131059.078			0.364	5963		3.19

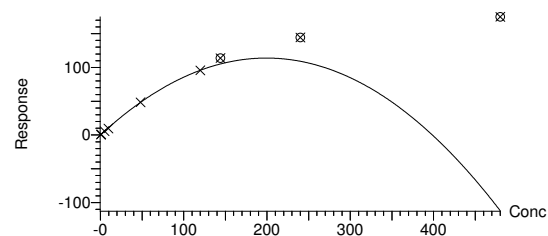
Compound name: 8:2FTS

Coefficient of Determination: $R^2 = 0.998610$

Calibration curve: $-0.00286751 * x^2 + 1.143 * x$

Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 38 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M2-8:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	10.4...	9814.570	2697.284	8.614	86.1	0.275	278		2.13
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	10.4...	10510.940	2614.647	7.797	78.0	0.249	167		1.77
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	10.4...	10495.651	2908.461	8.686	86.9	0.277	10		2.13
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	10.4...	10469.830	3275.711	9.807	98.1	0.313	60		2.01
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	10.4...	9385.645	3324.053	11.101	111.0	0.354	413		2.11
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	10.4...	9335.229	4168.224	13.995	140.0	0.447	93		2.33
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	10.4...	8826.887	4140.733	14.704	147.0	0.469	189		2.93
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	10.4...	7834.846	5141.743	20.570	205.7	0.656	82181		2.47
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	10.4...	6544.558	7494.302	35.893	358.9	1.145	120953		1.80

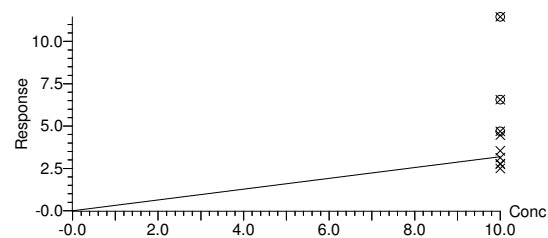
Compound name: M2-8:2FTS

Response Factor: 0.319038

RRF SD: 0.0723492, % Relative SD: 22.6773

Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)

Curve type: RF



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 39 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFNS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	10.4...	10398.749	406.144	0.455	94.8	0.814	16	21	1.41
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	10.4...	10049.510	984.008	1.141	118.8	1.020	216	10019	1.76
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	10.4...	10182.289	4058.802	4.644	96.7	0.830	378	308	1.93
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	10.4...	11004.518	9027.426	9.556	99.5	0.855	825	241	2.32
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	10.4...	9550.343	41281.340	50.353	104.9	0.901	1241	2388	2.49
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	10.4...	8824.957	95866.227	126.545	105.5	0.905	2328	2629	2.58
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	10.4...	8761.356	110723.313	147.218	102.2	0.878	3592	3589	2.58
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	10.4...	8008.018	163870.094	238.379	99.3	0.853	5007	4109	2.47
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	10.4...	6771.596	272946.688	469.548	97.8	0.840	4650	8723	2.46

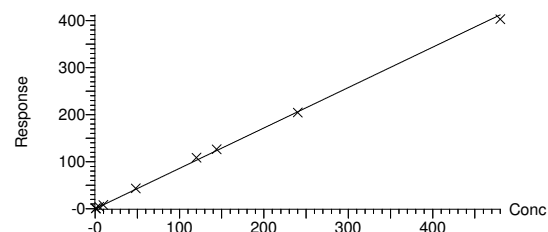
Compound name: PFNS

Coefficient of Determination: $R^2 = 0.999196$

Calibration curve: $0.858433 \times x$

Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 40 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: d3-NMeFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	10.8...	82229.539	7294.885	8.717	87.2	0.089	369		2.07
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	10.8...	84503.523	7282.419	8.467	84.7	0.086	270		2.51
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	10.8...	84819.578	7313.237	8.472	84.7	0.086	143		1.38
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	10.8...	87811.344	8037.103	8.993	89.9	0.092	184		1.49
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	10.8...	76706.633	7599.302	9.734	97.3	0.099	243		1.24
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	10.8...	71294.813	7377.587	10.167	101.7	0.103	414		1.72
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	10.8...	69184.242	7243.809	10.288	102.9	0.105	261		1.99
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	10.8...	65652.602	7888.071	11.805	118.1	0.120	236		1.63
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	10.8...	56685.316	7706.245	13.357	133.6	0.136	288		1.45

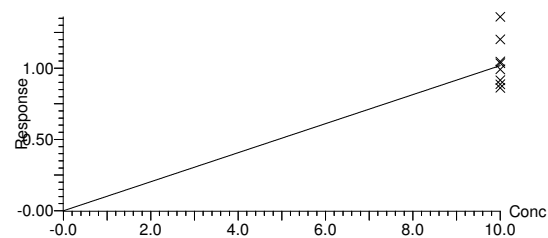
Compound name: d3-NMeFOSAA

Response Factor: 0.101777

RRF SD: 0.0169003, % Relative SD: 16.6053

Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)

Curve type: RF



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 41 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: NMeFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	10.8...	7294.885	333.031	0.442	88.3	0.913	27		1.51
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	10.8...	7282.419	676.591	0.899	89.9	0.929	24		1.56
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	10.8...	7313.237	3828.897	5.064	101.3	1.047	88		2.14
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	10.8...	8037.103	8519.545	10.253	102.5	1.060	487		2.73
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	10.8...	7599.302	39159.039	49.843	99.7	1.031	1133		2.81
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	10.8...	7377.587	98459.656	129.090	103.3	1.068	3234		2.81
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	10.8...	7243.809	119208.484	159.180	106.1	1.097	1371		2.66
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	10.8...	7888.071	200737.484	246.153	98.5	1.018	3875		2.39
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	10.8...	7706.245	390841.406	490.576	98.1	1.014	5569		2.66

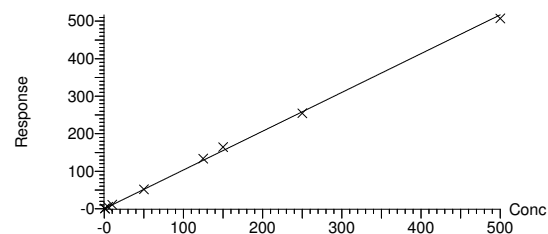
Compound name: NMeFOSAA

Coefficient of Determination: $R^2 = 0.999104$

Calibration curve: $1.03384 * x$

Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 42 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFUnA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	10.9...	76967.570	3770.908	0.451	90.2	0.980	188	57	2.22
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	10.9...	81113.914	8220.246	0.933	93.3	1.013	256	65	2.95
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	10.9...	77316.516	39023.523	4.648	93.0	1.009	1306	867	1.88
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	10.9...	81736.359	81283.727	9.158	91.6	0.994	2961	100	2.71
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	10.9...	70498.875	369573.656	48.274	96.5	1.048	5481	2028	2.78
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	10.9...	62573.563	849538.438	125.023	100.0	1.086	5621	2221	2.81
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	10.9...	60956.867	990459.625	149.628	99.8	1.083	4904	2788	2.80
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	10.9...	54496.840	1485586.625	251.030	100.4	1.090	10504	9108	2.66
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	10.9...	47194.340	2574555.750	502.355	100.5	1.091	27156	7234	2.85

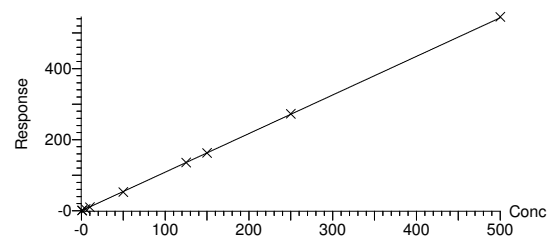
Compound name: PFUnA

Coefficient of Determination: $R^2 = 0.999831$

Calibration curve: $1.08593 * x$

Response type: Internal Std (Ref 43), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 43 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M7-PFUDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	10.9...	82229.539	76967.570	10.427	104.3	0.936	3363		2.02
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	10.9...	84503.523	81113.914	10.694	106.9	0.960	4765		2.02
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	10.9...	84819.578	77316.516	10.155	101.5	0.912	1125		3.05
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	10.9...	87811.344	81736.359	10.370	103.7	0.931	3460		4.06
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	10.9...	76706.633	70498.875	10.239	102.4	0.919	2943		2.88
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	10.9...	71294.813	62573.563	9.778	97.8	0.878	4161		1.67
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	10.9...	69184.242	60956.867	9.816	98.2	0.881	1556		3.79
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	10.9...	65652.602	54496.840	9.247	92.5	0.830	2704		1.66
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	10.9...	56685.316	47194.340	9.275	92.8	0.833	1792		3.68

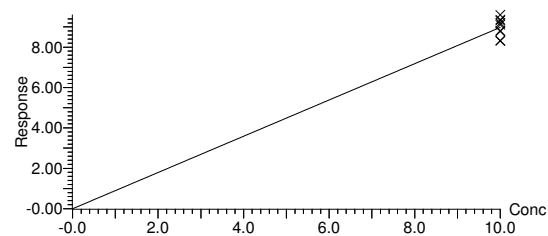
Compound name: M7-PFUDA

Response Factor: 0.897636

RRF SD: 0.0455139, % Relative SD: 5.07042

Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)

Curve type: RF



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 44 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFDS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	10.9...	10398.749	364.881	0.437	90.6	0.727	12	28	1.65
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	10.9...	10049.510	751.621	0.932	96.6	0.775	156	60	1.55
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	10.9...	10182.289	4219.297	5.162	107.0	0.859	249	336	2.20
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	10.9...	11004.518	9049.031	10.244	106.2	0.852	260	81	2.89
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	10.9...	9550.343	40623.090	52.990	109.8	0.882	5086	1470	2.65
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	10.9...	8824.957	91923.414	129.764	107.6	0.864	4300	3746	2.69
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	10.9...	8761.356	105747.305	150.363	103.9	0.834	4900	4882	2.85
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	10.9...	8008.018	154266.141	239.987	99.5	0.799	7789	4519	2.69
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	10.9...	6771.596	251896.641	463.418	96.0	0.771	5340	5894	2.72

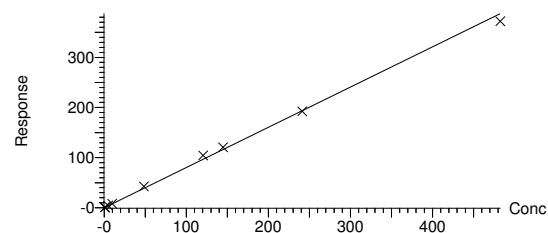
Compound name: PFDS

Coefficient of Determination: $R^2 = 0.997864$

Calibration curve: $0.802709 \times x$

Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 45 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: FOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	10.9...	27394.547	1213.025	0.430	85.9	0.886	36		1.84
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	10.9...	27527.242	2658.431	0.937	93.7	0.966	88		1.78
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	10.9...	27553.758	12810.756	4.510	90.2	0.930	1215		2.39
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	10.9...	28092.893	27297.332	9.426	94.3	0.972	1149		2.77
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	10.9...	26254.012	130479.383	48.212	96.4	0.994	2686		2.80
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	10.9...	24876.248	313573.469	122.283	97.8	1.008	6562		2.63
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	10.9...	23998.998	372369.844	150.520	100.3	1.034	7393		2.66
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	10.9...	22233.213	575503.250	251.106	100.4	1.035	4416		2.68
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	10.9...	19537.758	1015217.625	504.076	100.8	1.039	5135		2.69

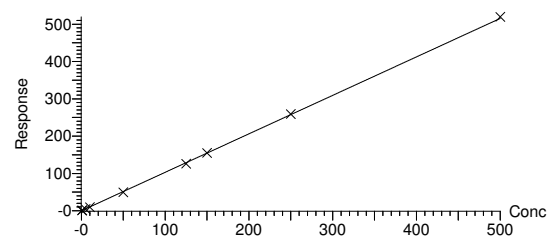
Compound name: FOSA

Coefficient of Determination: $R^2 = 0.999759$

Calibration curve: $1.03083 * x$

Response type: Internal Std (Ref 46), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. Lab Number : L1913816
 Project Name : ELDRE CORP.-EMERGING CONTAM Project Number : 212721.01
 Instrument ID : LCMS02 Ical Ref : ICAL15513
 Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 46 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M8FOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	10.9...	82229.539	27394.547	9.912	99.1	0.333	3035		2.88
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	10.9...	84503.523	27527.242	9.692	96.9	0.326	1316		2.49
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	10.9...	84819.578	27553.758	9.665	96.6	0.325	1705		2.82
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	10.9...	87811.344	28092.893	9.518	95.2	0.320	2637		2.32
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	10.9...	76706.633	26254.012	10.183	101.8	0.342	1853		2.14
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	10.9...	71294.813	24876.248	10.381	103.8	0.349	1158		2.86
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	10.9...	69184.242	23998.998	10.320	103.2	0.347	2227		2.44
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	10.9...	65652.602	22233.213	10.075	100.8	0.339	1175		4.33
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	10.9...	56685.316	19537.758	10.254	102.5	0.345	1291		3.37

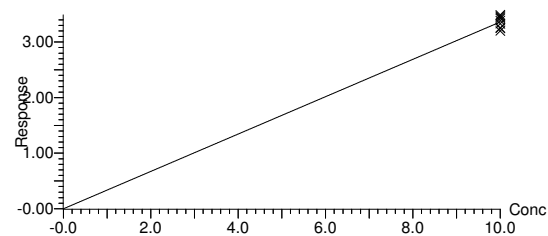
Compound name: M8FOSA

Response Factor: 0.336118

RRF SD: 0.0106223, % Relative SD: 3.16028

Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)

Curve type: RF



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 47 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: d5-NEtFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	11.125	82229.539	6427.043	8.487	84.9	0.078	279		1.81
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	11.128	84503.523	6954.311	8.936	89.4	0.082	243		1.34
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	11.120	84819.578	6944.486	8.890	88.9	0.082	259		3.43
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	11.128	87811.344	7258.144	8.975	89.8	0.083	109		2.02
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	11.124	76706.633	7105.366	10.058	100.6	0.093	319		1.71
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	11.119	71294.813	6762.974	10.300	103.0	0.095	262		2.25
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	11.123	69184.242	6502.274	10.205	102.1	0.094	153		1.83
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	11.123	65652.602	6694.457	11.072	110.7	0.102	302		1.83
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	11.119	56685.316	6825.947	13.076	130.8	0.120	372		2.36

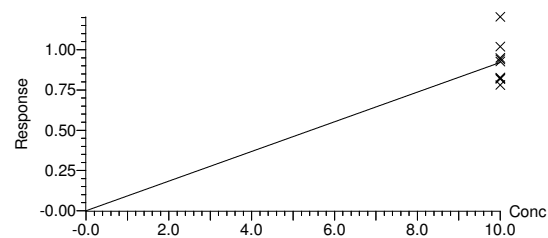
Compound name: d5-NEtFOSAA

Response Factor: 0.092094

RRF SD: 0.0132049, % Relative SD: 14.3385

Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)

Curve type: RF



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 48 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: NEtFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	11.134	6427.043	329.121	0.473	94.6	1.024	47	2561	1.47
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	11.133	6954.311	797.999	1.060	106.0	1.147	25	108	2.43
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	11.130	6944.486	3285.485	4.370	87.4	0.946	354	10	2.63
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	11.137	7258.144	7384.373	9.397	94.0	1.017	418	195	2.31
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	11.133	7105.366	33905.211	44.073	88.1	0.954	372	404	2.63
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	11.132	6762.974	89882.477	122.753	98.2	1.063	1236	754	2.77
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	11.132	6502.274	110808.445	157.399	104.9	1.136	1604	1315	2.64
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	11.128	6694.457	182736.172	252.117	100.8	1.092	2348	1159	2.80
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	11.128	6825.947	369416.438	499.859	100.0	1.082	5334	3685	2.83

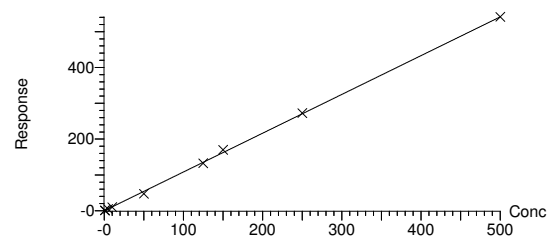
Compound name: NEtFOSAA

Coefficient of Determination: $R^2 = 0.998835$

Calibration curve: $1.0827 * x$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 49 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFDoA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	11.454	78208.508	3620.966	0.509	101.8	0.926	152	100	1.31
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	11.452	82372.117	7194.210	0.960	96.0	0.873	321	34	1.55
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	11.449	80548.320	35440.848	4.838	96.8	0.880	878	100	1.75
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	11.452	87095.461	78791.867	9.948	99.5	0.905	1792	371	2.30
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	11.447	79621.109	352841.594	48.730	97.5	0.886	4721	1334	2.76
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	11.447	74487.500	859010.188	126.811	101.4	0.923	3967	3131	2.75
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	11.442	73925.297	1041077.750	154.858	103.2	0.939	14398	1492	2.79
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	11.447	71969.438	1612881.375	246.432	98.6	0.896	17578	3049	2.64
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	11.442	65435.016	2965897.500	498.413	99.7	0.907	17684	4855	2.65

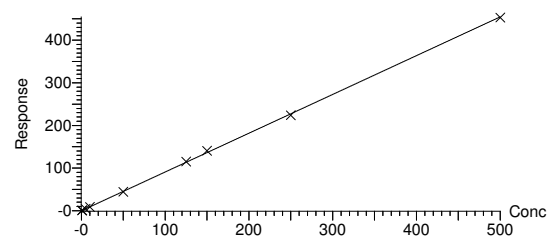
Compound name: PFDoA

Coefficient of Determination: $R^2 = 0.999739$

Calibration curve: $0.909404 \times x$

Response type: Internal Std (Ref 50), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 50 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: MPFDOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	11.454	82229.539	78208.508	9.235	92.3	0.951	2958		2.18
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	11.452	84503.523	82372.117	9.465	94.6	0.975	3164		2.03
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	11.454	84819.578	80548.320	9.221	92.2	0.950	3110		2.24
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	11.452	87811.344	87095.461	9.630	96.3	0.992	4828		3.03
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	11.452	76706.633	79621.109	10.078	100.8	1.038	4704		2.36
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	11.447	71294.813	74487.500	10.144	101.4	1.045	2510		2.53
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	11.447	69184.242	73925.297	10.375	103.7	1.069	1958		2.10
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	11.447	65652.602	71969.438	10.644	106.4	1.096	951		1.76
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	11.447	56685.316	65435.016	11.208	112.1	1.154	1376		2.83

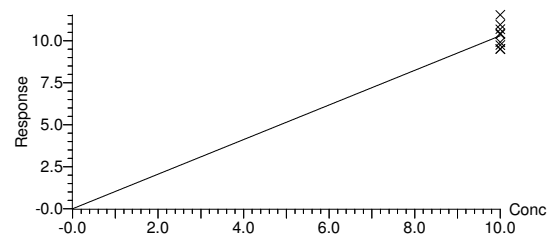
Compound name: MPFDOA

Response Factor: 1.02992

RRF SD: 0.0696449, % Relative SD: 6.76219

Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)

Curve type: RF



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 51 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFTTrDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	11.855	78208.508	2419.796	0.453	90.6	0.619	85	33	1.28
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	11.853	82372.117	4963.271	0.882	88.2	0.603	254	102	2.33
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	11.850	80548.320	26654.309	4.846	96.9	0.662	969	269	3.07
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	11.853	87095.461	60240.711	10.129	101.3	0.692	2307	409	3.03
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	11.853	79621.109	267167.594	49.137	98.3	0.671	5420	1843	2.65
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	11.853	74487.500	627348.063	123.332	98.7	0.674	7216	3513	2.84
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	11.847	73925.297	746306.750	147.835	98.6	0.673	11557	4977	3.09
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	11.847	71969.438	1226807.875	249.621	99.8	0.682	15806	4589	2.85
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	11.847	65435.016	2257761.250	505.266	101.1	0.690	21139	7153	3.19

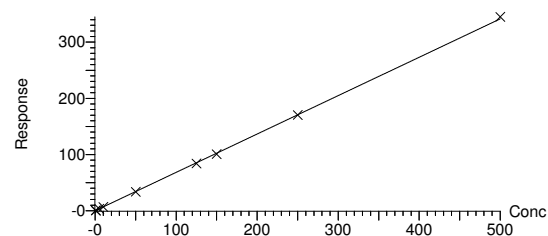
Compound name: PFTTrDA

Coefficient of Determination: $R^2 = 0.999861$

Calibration curve: $0.682886 \times x$

Response type: Internal Std (Ref 50), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 52 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFTA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	12.2...	49757.793	2304.109	0.548	109.5	0.926	119	4	2.35
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	12.1...	50492.090	4607.527	1.079	107.9	0.913	260	154	2.50
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	12.1...	52964.637	22107.326	4.935	98.7	0.835	1117	448	2.57
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	12.2...	67082.180	55471.961	9.777	97.8	0.827	1770	1556	2.79
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	12.1...	50863.992	223245.156	51.895	103.8	0.878	5991	1615	2.83
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	12.1...	49065.984	519475.750	125.182	100.1	0.847	7298	4473	2.85
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	12.1...	48250.953	623078.875	152.685	101.8	0.861	17726	3079	2.84
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	12.1...	48031.281	1027678.625	252.983	101.2	0.856	24339	4280	2.87
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	12.1...	45382.875	1890016.875	492.416	98.5	0.833	17404	10767	3.03

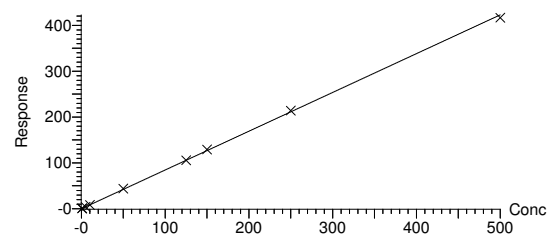
Compound name: PFTA

Coefficient of Determination: $R^2 = 0.999731$

Calibration curve: $0.84575 * x$

Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 53 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M2PFTEDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	12.2...	82229.539	49757.793	8.824	88.2	0.605	3141		1.58
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	12.1...	84503.523	50492.090	8.713	87.1	0.598	2455		3.17
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	12.1...	84819.578	52964.637	9.106	91.1	0.624	3528		2.53
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	12.1...	87811.344	67082.180	11.140	111.4	0.764	2638		3.20
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	12.1...	76706.633	50863.992	9.669	96.7	0.663	2529		2.45
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	12.2...	71294.813	49065.984	10.036	100.4	0.688	2057		1.67
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	12.1...	69184.242	48250.953	10.170	101.7	0.697	1584		1.81
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	12.1...	65652.602	48031.281	10.668	106.7	0.732	2957		1.99
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	12.1...	56685.316	45382.875	11.675	116.7	0.801	2202		2.41

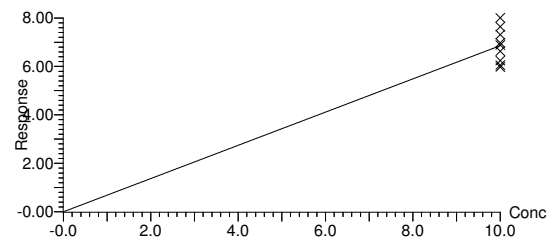
Compound name: M2PFTEDA

Response Factor: 0.685771

RRF SD: 0.0708088, % Relative SD: 10.3254

Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)

Curve type: RF



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 54 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M3HFPO-DA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	7.311	102602.688	3203.275	65.478	32.7	0.002	1049		1.94
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	7.311	105983.063	3467.166	68.611	34.3	0.002	61877		1.76
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	7.311	105970.758	3777.133	74.754	37.4	0.002	64409		2.08
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	7.311	110014.641	4892.337	93.266	46.6	0.002	1199		1.77
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	7.300	98537.977	8766.774	186.592	93.3	0.004	153147		1.80
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	7.294	98710.336	12609.007	267.902	134.0	0.006	11587		1.96
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	7.290	96999.094	13541.027	292.780	146.4	0.007	12577		2.20
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	7.280	90308.586	15155.344	351.960	176.0	0.008	228912		2.24
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	7.259	82193.836	15623.665	398.658	199.3	0.010	2753		2.49

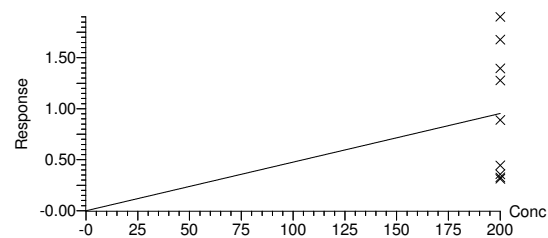
Compound name: M3HFPO-DA

Response Factor: 0.00476807

RRF SD: 0.00313564, % Relative SD: 65.7632

Response type: Internal Std (Ref 21), Area * (IS Conc. / IS Area)

Curve type: RF



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 55 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: HFPO-DA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	7.318	3203.275	63.332	7.185	71.8	0.395	5		0.86
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	7.318	3467.166	179.818	18.847	94.2	0.519	3		1.08
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	7.311	3777.133	960.299	92.393	92.4	0.508	1063		1.53
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	7.311	4892.337	2381.987	176.936	88.5	0.487	511		1.17
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	7.300	8766.774	22674.502	939.921	94.0	0.517	4371		2.65
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	7.293	12609.007	84933.930	2447.900	97.9	0.539	19065		2.80
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	7.289	13541.027	109532.555	2939.578	98.0	0.539	48275		2.23
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	7.279	15155.344	202363.953	4852.446	97.0	0.534	52614		2.58
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	7.258	15623.665	445175.281	10354.794	103.5	0.570	283		3.45

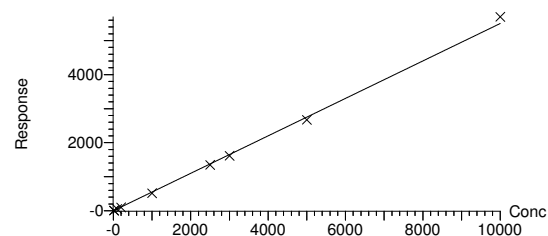
Compound name: HFPO-DA

Coefficient of Determination: $R^2 = 0.998743$

Calibration curve: $0.550347 \times x$

Response type: Internal Std (Ref 54), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 56 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: ADONA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	8.324	102279.609	7911.218	0.454	96.0	1.635	796		1.95
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	8.324	102801.859	16083.821	0.919	97.1	1.654	2977		1.97
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	8.324	103848.039	78813.188	4.456	94.2	1.604	5195		2.79
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	8.324	104749.414	163678.984	9.174	97.0	1.651	11685		3.14
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	8.321	98602.719	777856.688	46.314	97.9	1.667	25010		2.85
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	8.321	91886.219	1870545.500	119.514	101.0	1.721	38067		4.53
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	8.317	90537.289	2207025.250	143.114	100.8	1.718	61749		4.54
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	8.317	86080.008	3445240.500	234.973	99.3	1.692	81991		4.55
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	8.317	76172.523	6148208.000	473.861	100.2	1.706	89783		4.56

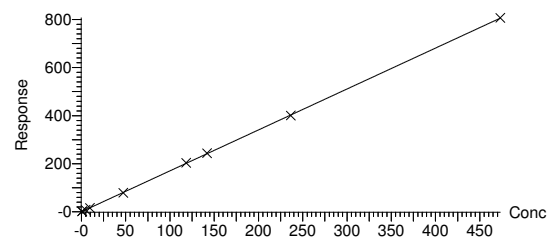
Compound name: ADONA

Coefficient of Determination: $R^2 = 0.999919$

Calibration curve: $1.70333 \times x$

Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 57 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFHxDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	12.6...	9251.807	2447.048	0.668	133.7	5.290	302		1.50
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	12.6...	9306.437	4444.701	1.207	120.7	4.776	574		3.45
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	12.6...	9712.712	18765.379	4.890	97.8	3.864	1508		4.52
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	12.6...	15297.293	58559.336	9.708	97.1	3.828	4927		2.94
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	12.6...	9395.253	173473.219	47.528	95.1	3.693	11979		3.32
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	12.6...	9089.563	436845.719	127.785	102.2	3.845	15529		4.45
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	12.6...	9065.697	503365.000	148.922	99.3	3.702	28867		2.48
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	12.6...	8791.854	791765.688	252.342	100.9	3.602	29879		2.72
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	12.6...	8710.269	1384262.625	498.298	99.7	3.178	56940		2.65

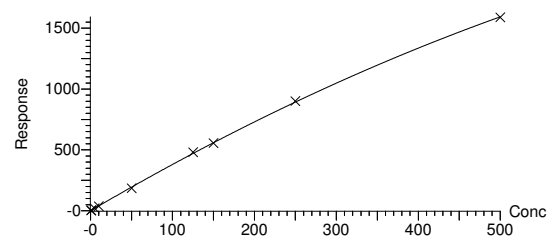
Compound name: PFHxDA

Coefficient of Determination: $R^2 = 0.999636$

Calibration curve: $-0.00154302 * x^2 + 3.9582 * x$

Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 58 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFODA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...)	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	12.8...	9251.807	1623.703	0.465	93.0	3.510	223		1.58
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	12.8...	9306.437	3617.445	1.030	103.0	3.887	464		1.91
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	12.8...	9712.712	17313.121	4.726	94.5	3.565	2023		3.95
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	12.8...	15297.293	54754.730	9.501	95.0	3.579	6104		4.79
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	12.8...	9395.253	175740.547	50.128	100.3	3.741	9314		2.23
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	12.8...	9089.563	417656.844	125.380	100.3	3.676	22339		3.25
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	12.8...	9065.697	494649.281	149.768	99.8	3.638	25062		3.16
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	12.8...	8791.854	784766.500	251.211	100.5	3.570	37802		2.00
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	12.8...	8710.269	1449563.625	499.270	99.9	3.328	54927		3.70

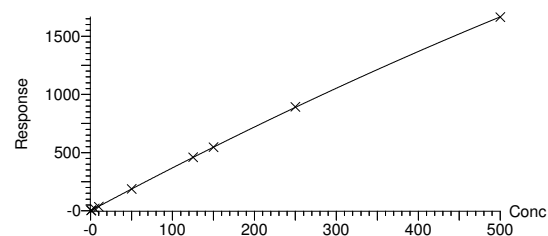
Compound name: PFODA

Coefficient of Determination: $R^2 = 0.999945$

Calibration curve: $-0.000886676 * x^2 + 3.77596 * x$

Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Initial Calibration Summary

Form 6

Semivolatiles

Client : LaBella Associates, P.C. **Lab Number** : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM **Project Number** : 212721.01
Instrument ID : LCMS02 **Ical Ref** : ICAL15513
Calibration dates : 02/14/19 15:17 02/14/19 17:29

Quantify Compound Summary Report MassLynx V4.2 SCN977

Page 59 of 59

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M2PFHxDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	12.6...	82229.539	9251.807	8.582	85.8	0.113	2740		2.21
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	12.6...	84503.523	9306.437	8.400	84.0	0.110	3452		2.42
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	12.6...	84819.578	9712.712	8.734	87.3	0.115	4537		2.86
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	12.6...	87811.344	15297.293	13.288	132.9	0.174	5324		4.34
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	12.6...	76706.633	9395.253	9.342	93.4	0.122	3443		2.24
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	12.6...	71294.813	9089.563	9.724	97.2	0.127	2836		3.32
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	12.6...	69184.242	9065.697	9.995	99.9	0.131	2662		1.74
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	12.6...	65652.602	8791.854	10.214	102.1	0.134	2596		2.47
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	12.6...	56685.316	8710.269	11.720	117.2	0.154	1745		2.94

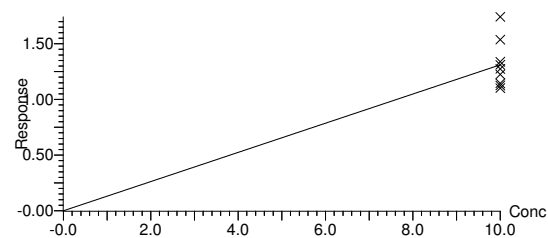
Compound name: M2PFHxDA

Response Factor: 0.131105

RRF SD: 0.0209844, % Relative SD: 16.0058

Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)

Curve type: RF



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Method: C:\MassLynx\Data\2019\190214_537ISO.PRO\MethDB\537ISO_Q.mdb 10 Jan 2019 15:42:15

Calibration: C:\MassLynx\Data\2019\190214_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 07:45:17

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	2.310	53440.711	2195.664	0.479	95.8	0.822	130		0.97
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	2.316	53750.660	4448.312	0.965	96.5	0.828	377		0.94
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	2.316	53362.512	21858.338	4.775	95.5	0.819	1809		0.94
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	2.310	55744.066	45737.945	9.565	95.7	0.820	2552		0.98
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	2.310	52845.887	220391.797	48.617	97.2	0.834	10655		0.99
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	2.310	49885.453	556515.375	130.050	104.0	0.892	40713		0.98
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	2.310	49630.164	641454.750	150.671	100.4	0.862	23027		0.98
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	2.310	48129.762	1048511.875	253.961	101.6	0.871	52441		0.98
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	2.310	44713.152	1888685.250	492.416	98.5	0.845	82997		0.99

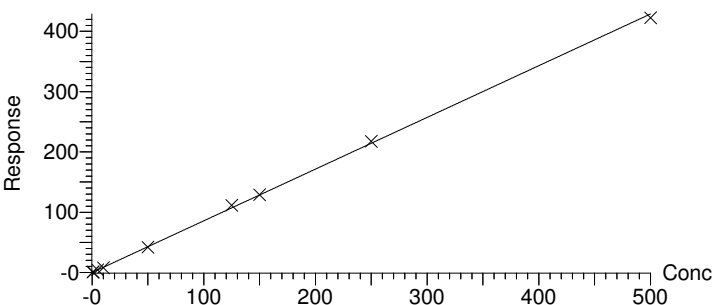
Compound name: PFBA

Coefficient of Determination: R^2 = 0.999575

Calibration curve: 0.857812 * x

Response type: Internal Std (Ref 3), Area * (IS Conc. / IS Area)

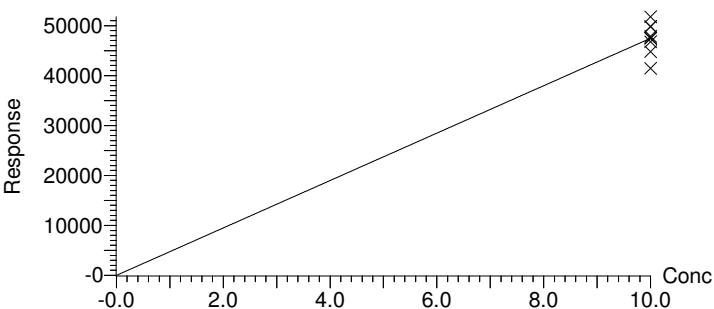
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Compound name: M3PFBA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	2.312		47830.746	10.077	100.8	4783.075	7460		2.90
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	2.312		49806.930	10.493	104.9	4980.693	9723		3.86
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	2.312		49863.836	10.505	105.1	4986.384	7076		3.89
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	2.306		51769.461	10.907	109.1	5176.946	9429		3.58
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	2.306		47508.926	10.009	100.1	4750.893	11419		3.60
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	2.312		47425.391	9.992	99.9	4742.539	14059		3.57
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	2.306		46744.270	9.848	98.5	4674.427	11551		3.68
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	2.306		44776.668	9.433	94.3	4477.667	7086		1.95
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	2.306		41464.777	8.736	87.4	4146.478	7350		3.10

Compound name: M3PFBA
Response Factor: 4746.57
RRF SD: 303.426, % Relative SD: 6.39254
Response type: External Std, Area
Curve type: RF



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: MPFBA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	2.308	47830.746	53440.711	10.343	103.4	1.117	9250		4.82
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	2.308	49806.930	53750.660	9.990	99.9	1.079	9183		2.98
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	2.314	49863.836	53362.512	9.906	99.1	1.070	8087		4.94
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	2.308	51769.461	55744.066	9.967	99.7	1.077	24789		4.59
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	2.308	47508.926	52845.887	10.297	103.0	1.112	13621		2.56
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	2.308	47425.391	49885.453	9.737	97.4	1.052	13751		3.30
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	2.308	46744.270	49630.164	9.828	98.3	1.062	15804		2.89
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	2.308	44776.668	48129.762	9.950	99.5	1.075	4582		3.01
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	2.308	41464.777	44713.152	9.982	99.8	1.078	5895		2.63

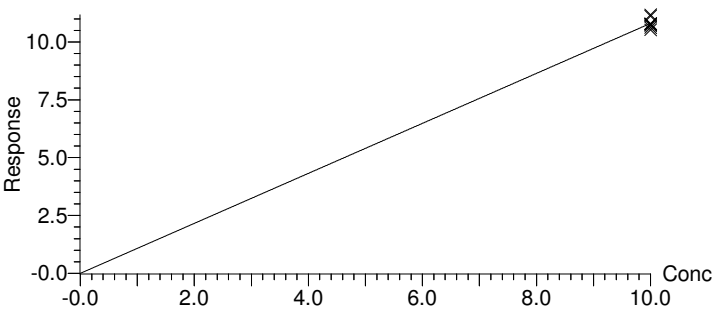
Compound name: MPFBA

Response Factor: 1.08029

RRF SD: 0.0214961, % Relative SD: 1.98985

Response type: Internal Std (Ref 2), Area * (IS Conc. / IS Area)

Curve type: RF



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFPeA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	5.049	68606.055	3604.222	0.491	98.1	1.051	179		1.53
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	5.051	69274.836	7245.065	0.977	97.7	1.046	345		1.61
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	5.051	68197.281	34028.398	4.659	93.2	0.998	2149		1.75
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	5.051	71834.063	71750.391	9.327	93.3	0.999	3911		1.70
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	5.049	66117.625	335644.250	47.401	94.8	1.015	18192		1.70
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	5.045	61393.660	829942.250	126.227	101.0	1.081	35423		1.71
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	5.045	61514.719	970573.438	147.325	98.2	1.052	20644		1.77
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	5.045	57036.863	1533852.125	251.104	100.4	1.076	49791		1.68
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	5.043	51341.816	2771197.750	503.991	100.8	1.080	57880		1.61

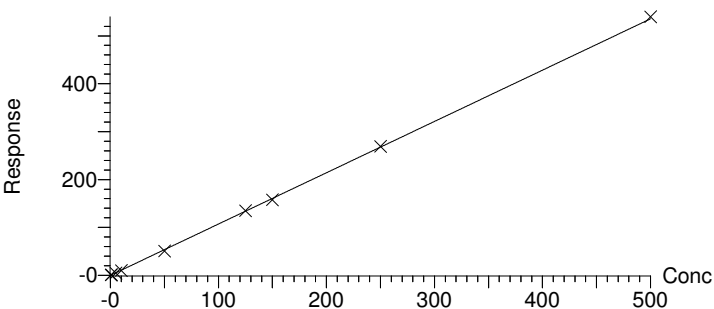
Compound name: PFPeA

Coefficient of Determination: R^2 = 0.999718

Calibration curve: 1.07096 * x

Response type: Internal Std (Ref 5), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M5PFPEA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	5.049	47830.746	68606.055	10.673	106.7	1.434	9982		2.18
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	5.049	49806.930	69274.836	10.350	103.5	1.391	6148		1.86
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	5.049	49863.836	68197.281	10.177	101.8	1.368	5751		1.96
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	5.049	51769.461	71834.063	10.325	103.3	1.388	7892		2.21
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	5.047	47508.926	66117.625	10.356	103.6	1.392	6717		1.77
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	5.043	47425.391	61393.660	9.633	96.3	1.295	2185		2.08
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	5.043	46744.270	61514.719	9.793	97.9	1.316	8000		2.24
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	5.043	44776.668	57036.863	9.479	94.8	1.274	3294		1.91
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	5.041	41464.777	51341.816	9.214	92.1	1.238	2205		1.50

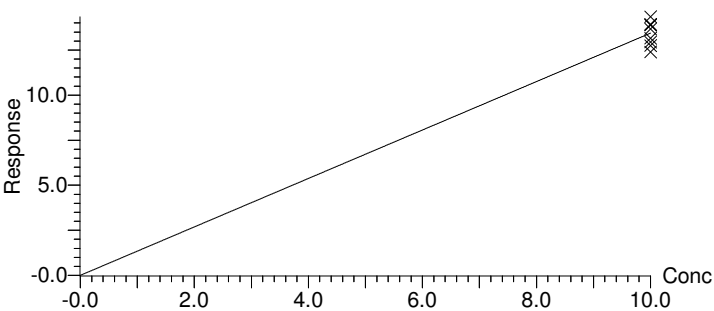
Compound name: M5PFPEA

Response Factor: 1.34385

RRF SD: 0.0656171, % Relative SD: 4.88276

Response type: Internal Std (Ref 2), Area * (IS Conc. / IS Area)

Curve type: RF



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFBS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	5.676	12466.532	503.099	0.387	87.4	0.912	257		1.22
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	5.663	12444.939	1011.725	0.779	88.0	0.919	170		1.39
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	5.667	12588.182	5191.461	3.951	89.3	0.932	168		1.45
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	5.667	12913.104	10904.400	8.089	91.4	0.954	321		1.92
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	5.665	12121.451	51726.098	40.878	92.4	0.964	16202		2.15
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	5.661	11043.497	127450.227	110.552	99.9	1.043	11447		2.10
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	5.663	10806.027	147205.703	130.494	98.3	1.026	1312		2.09
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	5.661	10097.815	229176.781	217.409	98.3	1.026	6015		2.02
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	5.659	8641.490	409047.813	453.439	102.5	1.070	11139		1.95

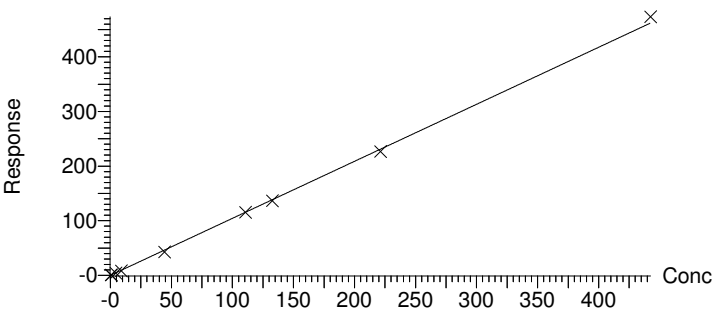
Compound name: PFBS

Coefficient of Determination: R^2 = 0.999189

Calibration curve: 1.04392 * x

Response type: Internal Std (Ref 7), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M3PFBS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	5.668	9814.570	12466.532	10.212	102.1	1.270	1209		1.72
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	5.666	10510.940	12444.939	9.519	95.2	1.184	3116		2.56
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	5.668	10495.651	12588.182	9.642	96.4	1.199	2657		2.78
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	5.665	10469.830	12913.104	9.915	99.2	1.233	4054		3.21
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	5.663	9385.645	12121.451	10.383	103.8	1.291	3976		1.65
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	5.661	9335.229	11043.497	9.511	95.1	1.183	1910		1.35
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	5.659	8826.887	10806.027	9.842	98.4	1.224	1986		1.97
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	5.659	7834.846	10097.815	10.361	103.6	1.289	364		1.83
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	5.661	6544.558	8641.490	10.615	106.2	1.320	1919		1.46

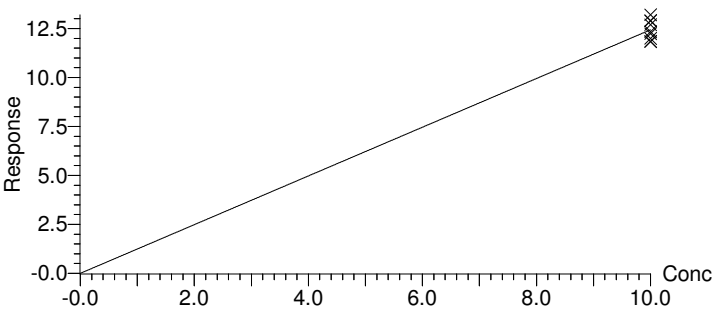
Compound name: M3PFBS

Response Factor: 1.24388

RRF SD: 0.050755, % Relative SD: 4.08039

Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)

Curve type: RF



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: 4:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	6.804	4710.350	276.625	0.489	104.6	1.256	34	44	1.77
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	6.812	4908.053	562.356	0.955	102.2	1.225	111	64	2.06
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	6.809	5163.654	2889.821	4.718	100.9	1.197	163	62	1.98
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	6.806	5272.479	5992.315	9.721	104.0	1.216	885	263	1.71
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	6.804	6277.565	30090.076	45.836	98.0	1.025	2174	2031	2.70
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	6.801	7944.277	74776.141	117.593	100.6	0.805	10758	3513	3.11
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	6.801	8571.203	88811.000	150.963	107.6	0.739	11002	4153	2.48
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	6.799	11044.258	147886.859			0.573	17087	9795	2.78
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	6.796	16804.926	281808.094			0.359	31364	16218	3.52

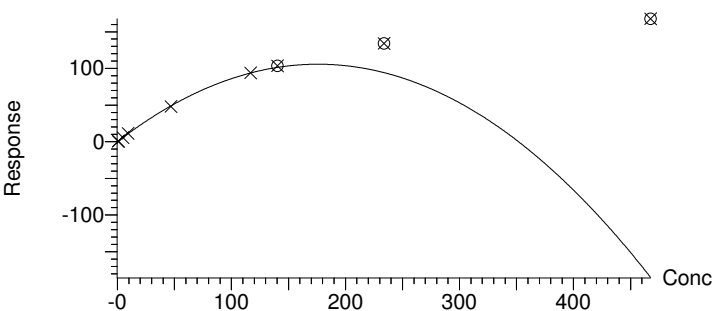
Compound name: 4:2FTS

Coefficient of Determination: R^2 = 0.999731

Calibration curve: $-0.00341847 * x^2 + 1.20243 * x$

Response type: Internal Std (Ref 9), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M2-4:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	6.807	9814.570	4710.350	8.317	83.2	0.480	170		2.14
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	6.807	10510.940	4908.053	8.092	80.9	0.467	4194		1.39
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	6.807	10495.651	5163.654	8.526	85.3	0.492	761		2.92
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	6.805	10469.830	5272.479	8.727	87.3	0.504	896		1.75
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	6.802	9385.645	6277.565	11.591	115.9	0.669	689		1.20
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	6.799	9335.229	7944.277	14.747	147.5	0.851	521		1.67
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	6.799	8826.887	8571.203	16.828	168.3	0.971	310		2.00
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	6.799	7834.846	11044.258	24.428	244.3	1.410	564		1.37
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	6.794	6544.558	16804.926	44.498	445.0	2.568	1093		2.69

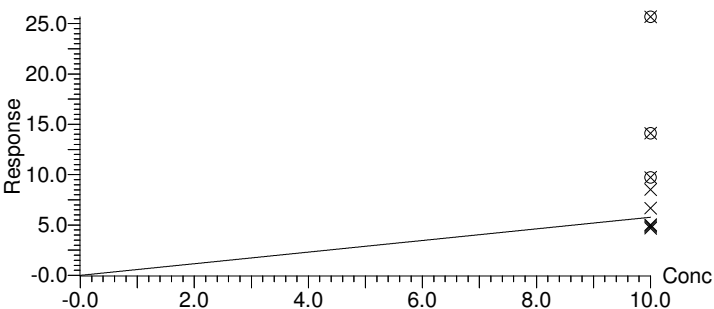
Compound name: M2-4:2FTS

Response Factor: 0.577049

RRF SD: 0.153403, % Relative SD: 26.5841

Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)

Curve type: RF



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFHxA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	6.894	87134.438	4671.739	0.529	105.9	1.072	484	26	1.77
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	6.889	90305.602	9104.992	0.996	99.6	1.008	452	42	2.17
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	6.891	89325.688	41983.168	4.641	92.8	0.940	2602	250	1.85
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	6.889	91943.539	87357.680	9.383	93.8	0.950	5478	533	1.79
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	6.886	85939.563	412323.875	47.381	94.8	0.960	18595	1810	2.16
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	6.883	79651.609	1016122.625	125.983	100.8	1.021	32016	3149	2.13
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	6.886	78519.781	1188965.500	149.537	99.7	1.009	28427	6756	2.13
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	6.881	73573.508	1868110.500	250.750	100.3	1.016	22716	11293	2.21
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	6.878	65693.070	3341356.000	502.299	100.5	1.017	66629	7071	2.18

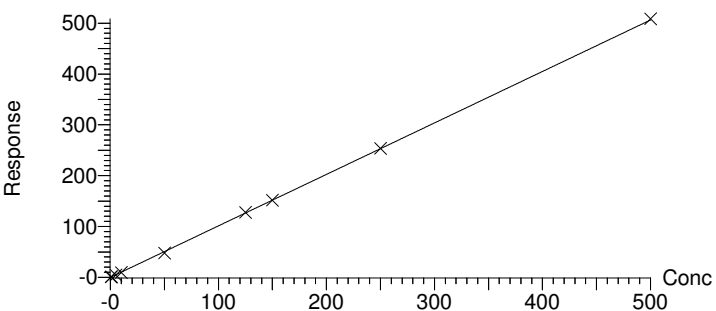
Compound name: PFHxA

Coefficient of Determination: R^2 = 0.999790

Calibration curve: 1.01261 * x

Response type: Internal Std (Ref 11), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M5PFHxA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	6.889	102602.688	87134.438	10.215	102.1	0.849	10968		2.50
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	6.891	105983.063	90305.602	10.249	102.5	0.852	8701		3.16
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	6.889	105970.758	89325.688	10.139	101.4	0.843	7757		2.69
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	6.889	110014.641	91943.539	10.052	100.5	0.836	5537		2.54
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	6.886	98537.977	85939.563	10.490	104.9	0.872	6975		2.57
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	6.884	98710.336	79651.609	9.706	97.1	0.807	5453		2.54
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	6.884	96999.094	78519.781	9.737	97.4	0.809	7614		2.54
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	6.881	90308.586	73573.508	9.799	98.0	0.815	2371		2.09
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	6.876	82193.836	65693.070	9.613	96.1	0.799	4043		2.09

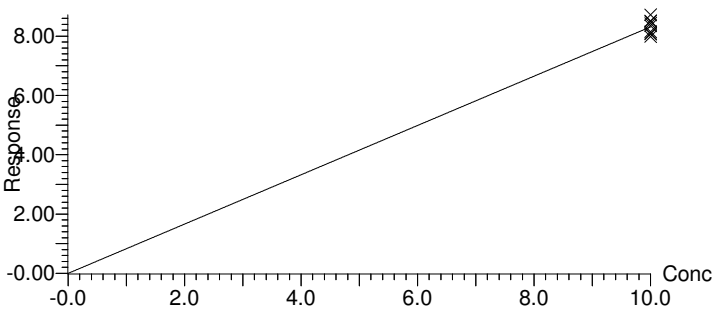
Compound name: M5PFHxA

Response Factor: 0.831387

RRF SD: 0.024875, % Relative SD: 2.99199

Response type: Internal Std (Ref 21), Area * (IS Conc. / IS Area)

Curve type: RF



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFPeS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	7.197	9071.605	606.126	0.457	97.1	1.422	45	42	2.05
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	7.194	9332.818	1183.638	0.867	92.2	1.349	92	62	1.62
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	7.194	8959.232	5943.206	4.532	96.4	1.411	2410	291	2.31
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	7.194	9245.134	12333.367	9.115	97.0	1.419	2266	998	2.38
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	7.187	8609.410	57366.402	45.527	96.9	1.418	4411	2000	2.40
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	7.183	7699.075	136010.531	120.702	102.7	1.503	10134	6516	2.46
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	7.183	7483.598	156004.172	142.432	101.0	1.478	11292	4570	2.40
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	7.177	7072.885	238446.625	230.343	98.0	1.435	14897	10060	2.13
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	7.166	5775.966	399041.813	472.036	100.4	1.470	20604	8418	2.71

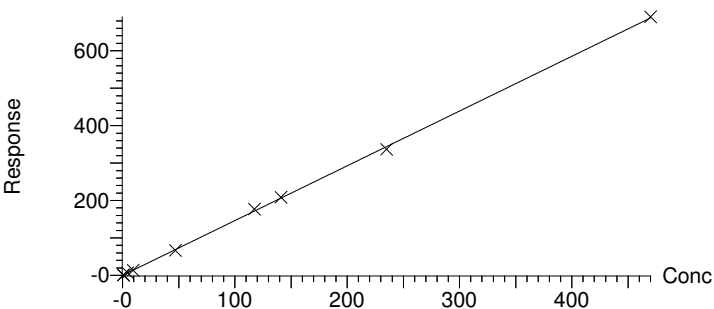
Compound name: PFPeS

Coefficient of Determination: R^2 = 0.999731

Calibration curve: 1.46359 * x

Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFHpA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	8.144	114466.047	5515.679	0.481	96.3	0.964	653	136	1.58
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	8.147	116992.039	11007.127	0.940	94.0	0.941	859	228	2.36
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	8.147	114088.102	53489.680	4.683	93.7	0.938	4749	552	2.16
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	8.147	117293.078	110204.938	9.385	93.9	0.940	2003	1368	2.27
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	8.144	111532.109	531020.813	47.558	95.1	0.952	33655	3406	2.22
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	8.140	103670.367	1307477.750	125.977	100.8	1.009	30036	11725	2.24
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	8.140	100384.367	1513780.250	150.628	100.4	1.005	37100	12834	2.29
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	8.140	95082.281	2353326.750	247.225	98.9	0.990	31024	18406	2.29
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	8.137	85004.508	4294356.000	504.622	100.9	1.010	47604	18036	2.30

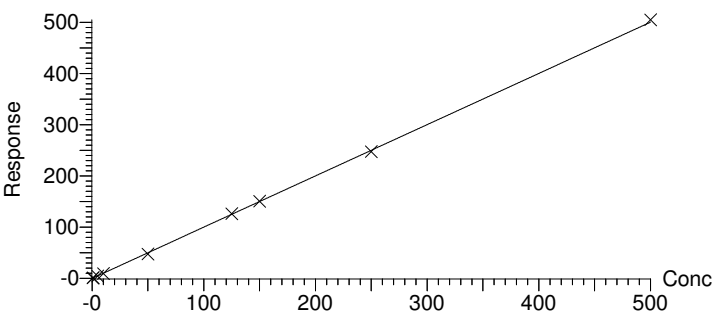
Compound name: PFHpA

Coefficient of Determination: R^2 = 0.999752

Calibration curve: 1.00113 * x

Response type: Internal Std (Ref 14), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M4PFHpA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	8.144	102602.688	114466.047	10.387	103.9	1.116	5708		2.62
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	8.144	105983.063	116992.039	10.278	102.8	1.104	11392		2.41
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	8.144	105970.758	114088.102	10.024	100.2	1.077	6603		2.60
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	8.147	110014.641	117293.078	9.927	99.3	1.066	10166		2.02
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	8.144	98537.977	111532.109	10.538	105.4	1.132	6570		3.40
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	8.140	98710.336	103670.367	9.779	97.8	1.050	4465		2.56
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	8.140	96999.094	100384.367	9.636	96.4	1.035	7274		2.63
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	8.137	90308.586	95082.281	9.803	98.0	1.053	8303		2.34
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	8.137	82193.836	85004.508	9.629	96.3	1.034	5774		2.69

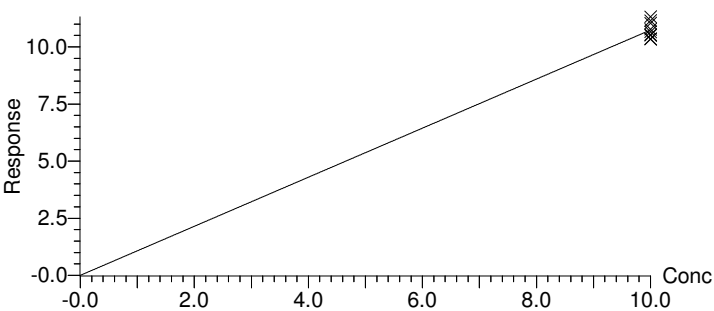
Compound name: M4PFHpA

Response Factor: 1.07404

RRF SD: 0.0356483, % Relative SD: 3.3191

Response type: Internal Std (Ref 21), Area * (IS Conc. / IS Area)

Curve type: RF



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: br-PFHxS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	8.076	9071.605	66.249	0.058	68.0	0.859	5	5	0.51
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	8.073	9332.818	126.399	0.107	63.1	0.797	8	4	0.47
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	8.067	8959.232	841.562	0.741	87.1	1.105	56	7	0.67
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	8.073	9245.134	1904.742	1.616	95.1	1.212	84	26	0.78
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	8.067	8609.410	9217.573	8.090	95.2	1.260	96	276	1.09
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	8.061	7699.075	23902.154	21.766	102.4	1.461	354	50	1.19
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	8.061	7483.598	27720.455	25.472	99.9	1.453	442	1129	0.95
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	8.061	7072.885	47972.027	42.802	100.7	1.596	1639	758	1.04
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	8.061	5775.966	93149.125	84.836	99.8	1.897	1675	262	1.30

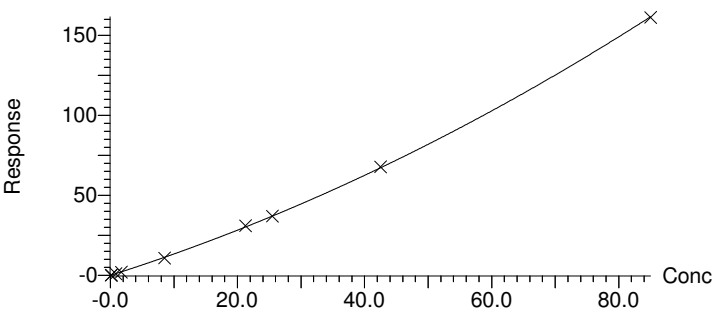
Compound name: br-PFHxS

Coefficient of Determination: R^2 = 0.999694

Calibration curve: $0.00752574 * x^2 + 1.26252 * x$

Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: L-PFHxS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	8.296	9071.605	400.359	0.319	86.2	1.193	37	41	1.69
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	8.303	9332.818	885.758	0.686	92.7	1.283	79	26	1.67
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	8.299	8959.232	4351.691	3.509	94.8	1.313	469	94	2.06
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	8.299	9245.134	8988.492	7.024	94.9	1.314	624	269	2.11
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	8.295	8609.410	42426.898	35.603	96.2	1.332	707	2423	2.64
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	8.292	7699.075	100693.789	94.490	102.2	1.414	2276	405	2.94
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	8.292	7483.598	114993.758	111.016	100.0	1.384	2752	9018	3.31
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	8.289	7072.885	175912.953	179.690	97.1	1.344	8494	5479	3.19
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	8.285	5775.966	300098.438	375.372	101.5	1.404	7580	1609	4.33

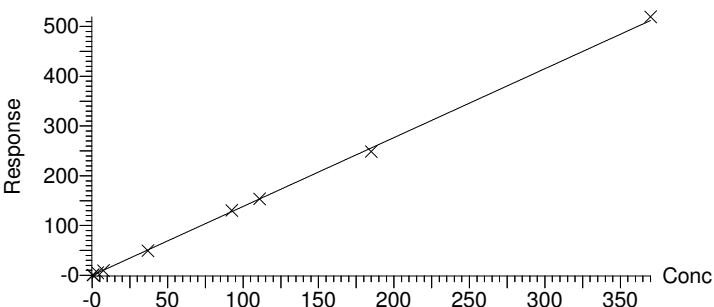
Compound name: L-PFHxS

Coefficient of Determination: R^2 = 0.999538

Calibration curve: 1.38413 * x

Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFHxS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21		9071.605	466.608	0.377					
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55		9332.818	1012.157	0.793					
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33		8959.232	5193.253	4.250					
4	I2268	IA2-537STD010	14-Feb-19	16:07:08		9245.134	10893.234	8.640					
5	I2269	IA2-537STD050	14-Feb-19	16:23:41		8609.410	51644.471	43.693					
6	I2270	IA2-537STD125	14-Feb-19	16:40:15		7699.075	124595.943	116.256					
7	I2271	IA2-537STD150	14-Feb-19	16:56:49		7483.598	142714.213	136.488					
8	I2272	IA2-537STD250	14-Feb-19	17:13:23		7072.885	223884.980	222.492					
9	I2273	IA2-537STD500	14-Feb-19	17:29:57		5775.966	393247.563	460.208					

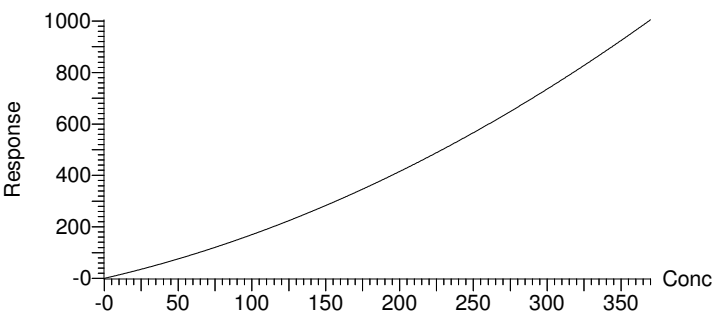
Compound name: PFHxS

Coefficient of Determination: 0.000000

Calibration curve: $1.32333 * x$

Response type: Internal Std (Ref 18), Area * (IS Conc. / IS Area)

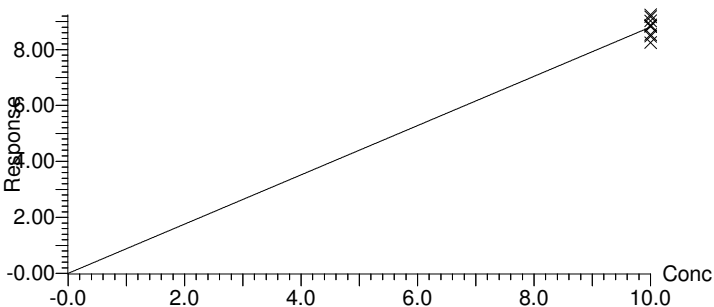
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	8.296	9814.570	9071.605	10.498	105.0	0.924	788		2.09
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	8.299	10510.940	9332.818	10.085	100.8	0.888	1767		2.41
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	8.299	10495.651	8959.232	9.695	97.0	0.854	1997		2.13
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	8.299	10469.830	9245.134	10.029	100.3	0.883	635		1.75
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	8.296	9385.645	8609.410	10.419	104.2	0.917	1497		2.01
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	8.292	9335.229	7699.075	9.367	93.7	0.825	267		2.40
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	8.289	8826.887	7483.598	9.629	96.3	0.848	1352		2.48
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	8.289	7834.846	7072.885	10.253	102.5	0.903	1686		1.73
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	8.285	6544.558	5775.966	10.024	100.2	0.883	771		2.35

Curve type: RF



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: br-PFOA

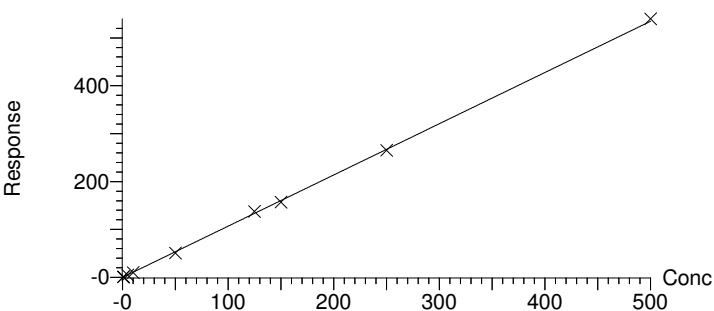
	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21		102279.609							
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55		102801.859							
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33		103848.039							
4	I2268	IA2-537STD010	14-Feb-19	16:07:08		104749.414							
5	I2269	IA2-537STD050	14-Feb-19	16:23:41		98602.719							
6	I2270	IA2-537STD125	14-Feb-19	16:40:15		91886.219							
7	I2271	IA2-537STD150	14-Feb-19	16:56:49		90537.289							
8	I2272	IA2-537STD250	14-Feb-19	17:13:23		86080.008							
9	I2273	IA2-537STD500	14-Feb-19	17:29:57		76172.523							

Compound name: L-PFOA

Coefficient of Determination: $R^2 = 0.999625$ Calibration curve: $1.06918 * x$

Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: L-PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	9.080	102279.609	5276.021	0.482	96.5	1.032	219	45	1.81
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	9.080	102801.859	10333.428	0.940	94.0	1.005	423	163	2.26
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	9.080	103848.039	51306.410	4.621	92.4	0.988	2301	886	2.00
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	9.080	104749.414	107239.961	9.575	95.8	1.024	2177	666	2.18
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	9.076	98602.719	500167.563	47.444	94.9	1.015	9399	2856	2.88
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	9.076	91886.219	1262583.250	128.517	102.8	1.099	28272	3152	3.01
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	9.076	90537.289	1424397.000	147.148	98.1	1.049	25410	4958	3.52
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	9.073	86080.008	2281375.750	247.882	99.2	1.060	37428	9942	2.65
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	9.069	76172.523	4111925.750	504.891	101.0	1.080	59876	10002	2.73

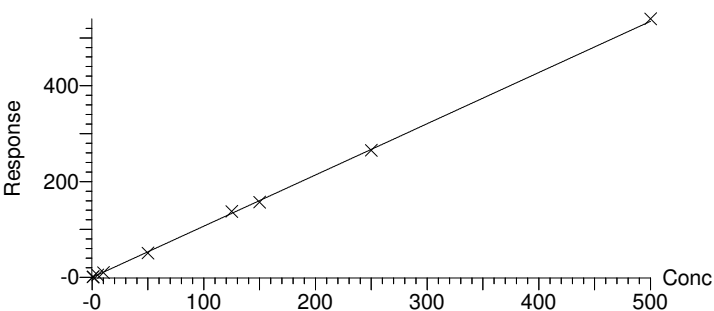
Compound name: L-PFOA

Coefficient of Determination: R^2 = 0.999625

Calibration curve: 1.06918 * x

Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)

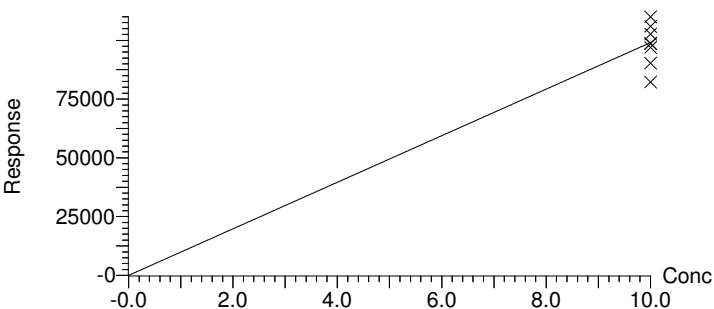
Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	9.080		102602.688	10.360	103.6	10260.269	2559		1.72
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	9.080		105983.063	10.702	107.0	10598.306	4365		2.76
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	9.080		105970.758	10.700	107.0	10597.076	2210		1.89
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	9.080		110014.641	11.109	111.1	11001.464	3182		2.34
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	9.076		98537.977	9.950	99.5	9853.798	4664		2.90
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	9.076		98710.336	9.967	99.7	9871.034	3131		3.04
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	9.076		96999.094	9.794	97.9	9699.909	4523		2.11
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	9.073		90308.586	9.119	91.2	9030.859	3013		2.87
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	9.069		82193.836	8.299	83.0	8219.384	3496		2.83

Curve type: RF



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21		102279.609	5276.021	0.482					
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55		102801.859	10333.428	0.940					
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33		103848.039	51306.410	4.621					
4	I2268	IA2-537STD010	14-Feb-19	16:07:08		104749.414	107239.961	9.575					
5	I2269	IA2-537STD050	14-Feb-19	16:23:41		98602.719	500167.563	47.444					
6	I2270	IA2-537STD125	14-Feb-19	16:40:15		91886.219	1262583.250	128.517					
7	I2271	IA2-537STD150	14-Feb-19	16:56:49		90537.289	1424397.000	147.148					
8	I2272	IA2-537STD250	14-Feb-19	17:13:23		86080.008	2281375.750	247.882					
9	I2273	IA2-537STD500	14-Feb-19	17:29:57		76172.523	4111925.750	504.891					

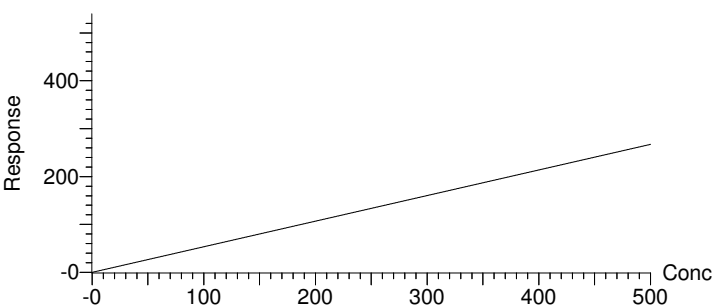
Compound name: PFOA

Coefficient of Determination: 0.000000

Calibration curve: 0.534588 * x

Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M8PFOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	9.080	102602.688	102279.609	10.379	103.8	0.997	4972		2.71
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	9.080	105983.063	102801.859	10.100	101.0	0.970	3682		2.40
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	9.080	105970.758	103848.039	10.204	102.0	0.980	3566		1.96
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	9.080	110014.641	104749.414	9.914	99.1	0.952	1309		3.41
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	9.076	98537.977	98602.719	10.419	104.2	1.001	3840		2.48
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	9.076	98710.336	91886.219	9.692	96.9	0.931	4416		2.99
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	9.076	96999.094	90537.289	9.718	97.2	0.933	4195		3.02
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	9.073	90308.586	86080.008	9.925	99.2	0.953	2451		2.66
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	9.069	82193.836	76172.523	9.649	96.5	0.927	1907		2.35

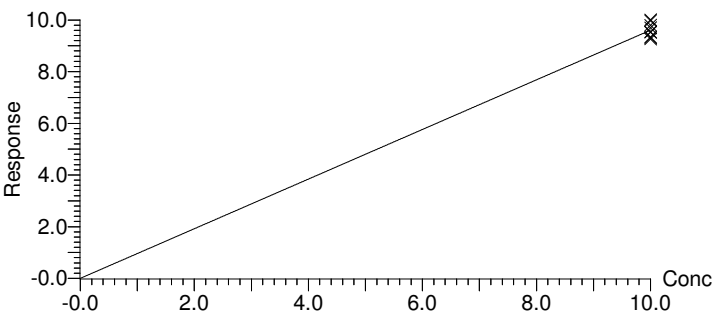
Compound name: M8PFOA

Response Factor: 0.960419

RRF SD: 0.0280166, % Relative SD: 2.91712

Response type: Internal Std (Ref 21), Area * (IS Conc. / IS Area)

Curve type: RF



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: 6:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	9.038	4496.728	201.398	0.447	94.0	0.943	254		1.30
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	9.038	4819.370	437.148	0.906	95.3	0.955	166		1.51
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	9.038	4390.841	2351.253	5.411	113.9	1.127	646		1.77
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	9.038	5117.079	4789.909	9.565	100.7	0.985	227		1.99
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	9.034	5771.762	23578.133	46.403	97.7	0.860	750		2.20
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	9.034	7064.168	57416.551	117.817	99.2	0.684	3444		1.73
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	9.031	7607.043	68056.938	144.773	101.6	0.628	5534		2.14
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	9.031	10031.460	109654.836			0.460	4316		2.26
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	9.027	14778.884	205151.422			0.292	7698		2.33

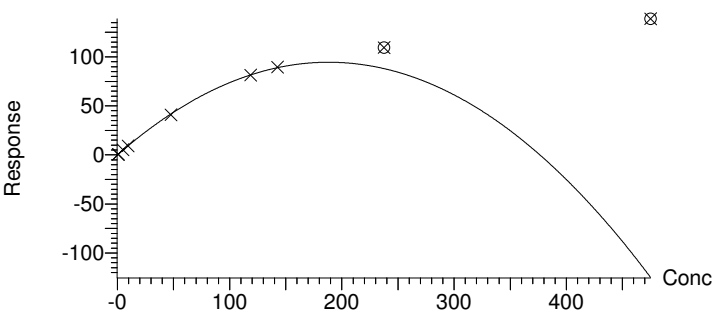
Compound name: 6:2FTS

Coefficient of Determination: R^2 = 0.999283

Calibration curve: $-0.00266731 * x^2 + 1.00413 * x$

Response type: Internal Std (Ref 25), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M2-6:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	9.038	9814.570	4496.728	7.905	79.0	0.458	240		1.99
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	9.034	10510.940	4819.370	7.911	79.1	0.459	486		2.23
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	9.038	10495.651	4390.841	7.218	72.2	0.418	791		2.43
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	9.034	10469.830	5117.079	8.432	84.3	0.489	72		1.76
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	9.034	9385.645	5771.762	10.610	106.1	0.615	1017		2.00
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	9.034	9335.229	7064.168	13.056	130.6	0.757	276		1.91
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	9.034	8826.887	7607.043	14.869	148.7	0.862	729		2.03
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	9.027	7834.846	10031.460	22.090	220.9	1.280	696		2.32
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	9.024	6544.558	14778.884	38.961	389.6	2.258	429		1.78

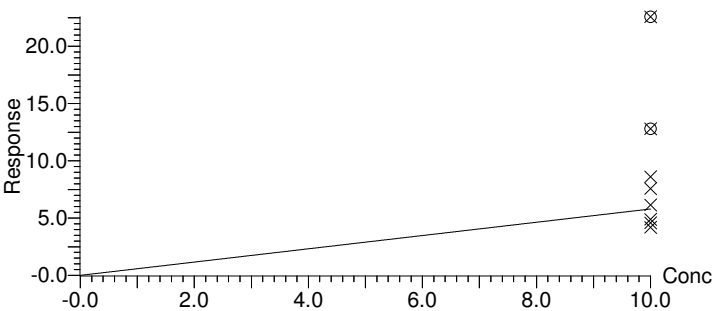
Compound name: M2-6:2FTS

Response Factor: 0.579608

RRF SD: 0.171234, % Relative SD: 29.543

Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)

Curve type: RF



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFHpS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	9.166	10398.749	312.551	0.438	92.2	0.633	15	26	1.62
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	9.172	10049.510	565.153	0.819	86.2	0.592	12	81	1.45
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	9.169	10182.289	3054.372	4.370	92.0	0.632	685	130	1.89
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	9.169	11004.518	6342.302	8.396	88.4	0.607	1170	195	2.54
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	9.166	9550.343	30346.217	46.288	97.4	0.669	4572	2884	2.31
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	9.163	8824.957	72531.633	119.730	100.8	0.692	4759	4596	2.29
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	9.166	8761.356	84123.398	139.872	98.2	0.674	6240	5695	2.46
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	9.163	8008.018	130088.016	236.646	99.6	0.684	5757	4923	2.46
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	9.160	6771.596	223293.891	480.366	101.1	0.694	12255	5853	2.47

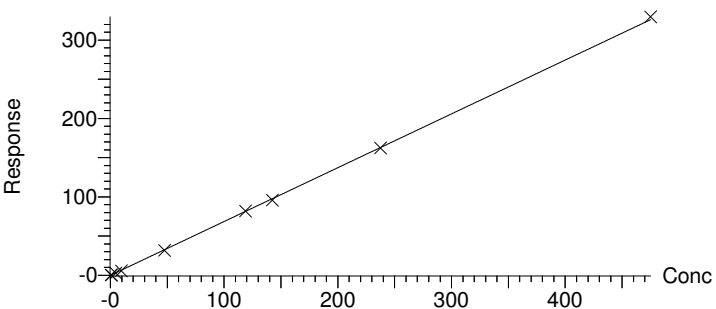
Compound name: PFHpS

Coefficient of Determination: R^2 = 0.999675

Calibration curve: 0.686457 * x

Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFNA

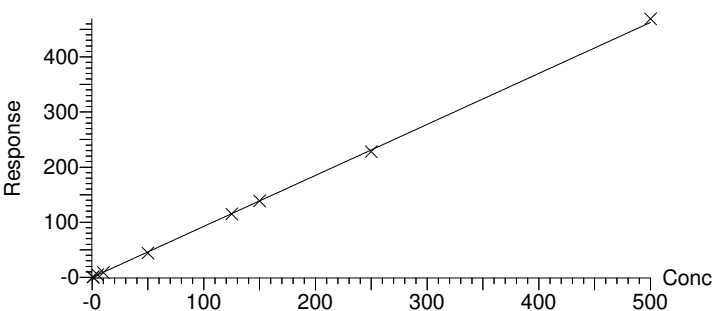
	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	9.830	99164.547	4129.605	0.450	90.0	0.833	162	39	2.87
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	9.825	98272.055	8555.550	0.941	94.1	0.871	308	349	1.74
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	9.826	97975.258	42765.328	4.718	94.4	0.873	1013	339	1.74
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	9.830	100428.477	88713.469	9.547	95.5	0.883	2111	1714	2.57
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	9.825	95504.453	422940.563	47.864	95.7	0.886	15284	3828	2.42
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	9.821	86853.484	999616.500	124.394	99.5	0.921	26349	14760	2.60
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	9.822	85241.633	1183468.875	150.058	100.0	0.926	36432	9234	2.52
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	9.818	80686.328	1839668.875	246.430	98.6	0.912	42418	6676	2.64
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	9.818	71254.461	3343106.000	507.098	101.4	0.938	50007	9785	2.66

Compound name: PFNA

Coefficient of Determination: $R^2 = 0.999728$ Calibration curve: $0.925223 * x$

Response type: Internal Std (Ref 28), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M9PFNA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	9.826	102602.688	99164.547	10.583	105.8	0.966	9145		3.64
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	9.826	105983.063	98272.055	10.153	101.5	0.927	6336		3.44
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	9.826	105970.758	97975.258	10.124	101.2	0.925	5213		2.56
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	9.830	110014.641	100428.477	9.996	100.0	0.913	5465		3.11
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	9.821	98537.977	95504.453	10.613	106.1	0.969	7837		3.66
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	9.822	98710.336	86853.484	9.634	96.3	0.880	2543		2.74
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	9.822	96999.094	85241.633	9.622	96.2	0.879	3886		2.65
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	9.818	90308.586	80686.328	9.783	97.8	0.893	1855		2.69
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	9.818	82193.836	71254.461	9.492	94.9	0.867	2487		3.40

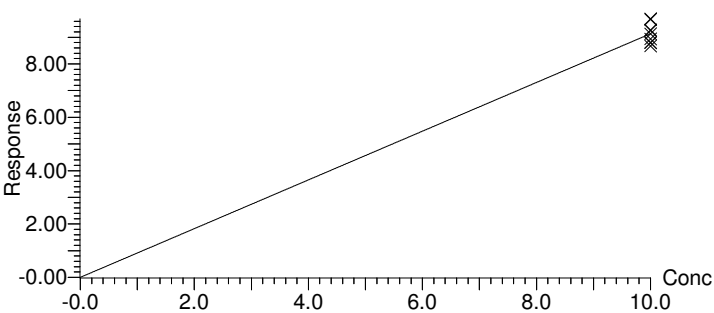
Compound name: M9PFNA

Response Factor: 0.913266

RRF SD: 0.037301, % Relative SD: 4.08435

Response type: Internal Std (Ref 21), Area * (IS Conc. / IS Area)

Curve type: RF



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537\ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: br-PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	9.676	10398.749	108.543	0.078	77.8	1.044	11	19	0.59
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	9.688	10049.510	238.868	0.177	88.5	1.188	7	6	0.51
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	9.684	10182.289	1223.589	0.892	89.2	1.202	56	4	0.32
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	9.692	11004.518	2601.170	1.747	87.3	1.182	60	57	0.31
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	9.684	9550.343	12962.998	9.661	96.6	1.357	297	140	0.24
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	9.685	8824.957	33923.973	25.486	101.9	1.538	251	220	0.34
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	9.681	8761.356	40046.570	29.754	99.2	1.524	1222	291	0.28
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	9.681	8008.018	67894.102	50.683	101.4	1.696	677	1129	0.27
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	9.681	6771.596	134601.563	99.735	99.7	1.988	1908	818	0.29

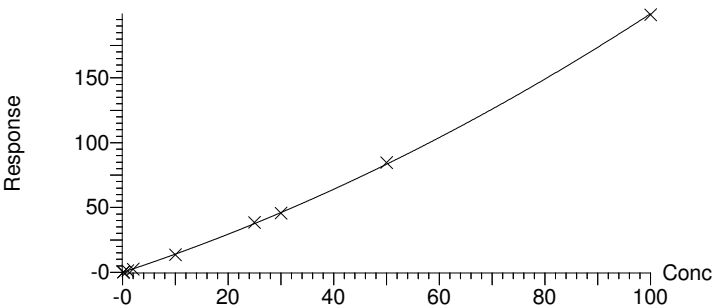
Compound name: br-PFOS

Coefficient of Determination: R^2 = 0.999714

Calibration curve: 0.00652793 * x^2 + 1.34194 * x

Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: L-PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	9.872	10398.749	312.141	0.262	71.9	0.822	46	178	2.18
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	9.876	10049.510	726.105	0.631	86.5	0.990	32	57	1.72
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	9.876	10182.289	3675.011	3.154	86.4	0.989	294	53	3.03
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	9.876	11004.518	7882.938	6.261	85.8	0.981	335	612	2.84
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	9.872	9550.343	37376.719	34.206	93.7	1.072	1499	1207	3.05
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	9.870	8824.957	92062.328	91.177	99.9	1.143	1316	1697	4.09
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	9.870	8761.356	107230.891	106.970	97.7	1.118	6027	2367	4.27
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	9.870	8008.018	164812.094	179.878	98.6	1.128	2953	8357	3.91
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	9.870	6771.596	289964.344	374.255	102.5	1.173	7336	5027	3.15

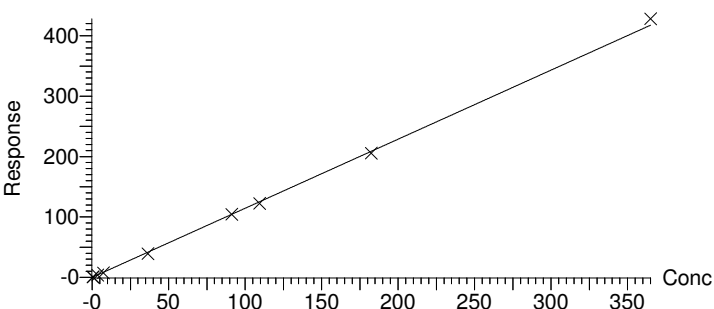
Compound name: L-PFOS

Coefficient of Determination: R^2 = 0.999064

Calibration curve: 1.14416 * x

Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	ng/mL	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21		10398.749	420.684	0.340					
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55		10049.510	964.973	0.808					
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33		10182.289	4898.600	4.046					
4	I2268	IA2-537STD010	14-Feb-19	16:07:08		11004.518	10484.108	8.007					
5	I2269	IA2-537STD050	14-Feb-19	16:23:41		9550.343	50339.717	43.866					
6	I2270	IA2-537STD125	14-Feb-19	16:40:15		8824.957	125986.301	116.663					
7	I2271	IA2-537STD150	14-Feb-19	16:56:49		8761.356	147277.461	136.725					
8	I2272	IA2-537STD250	14-Feb-19	17:13:23		8008.018	232706.196	230.561					
9	I2273	IA2-537STD500	14-Feb-19	17:29:57		6771.596	424565.907	473.991					

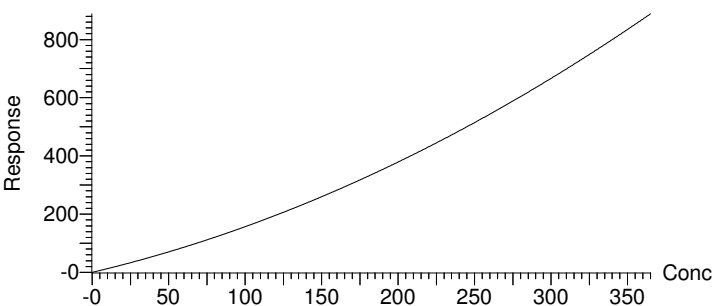
Compound name: PFOS

Coefficient of Determination: 0.000000

Calibration curve: $1.24305 * x$

Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537\ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M4PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	9.876		9814.570	10.614	106.1	981.457	1730		2.05
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	9.872		10510.940	11.368	113.7	1051.094	655		2.12
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	9.876		10495.651	11.351	113.5	1049.565	1870		2.38
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	9.876		10469.830	11.323	113.2	1046.983	646		3.01
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	9.872		9385.645	10.151	101.5	938.564	538		2.92
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	9.870		9335.229	10.096	101.0	933.523	981		2.09
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	9.870		8826.887	9.546	95.5	882.689	2026		2.50
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	9.870		7834.846	8.473	84.7	783.485	893		2.22
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	9.870		6544.558	7.078	70.8	654.456	726		2.42

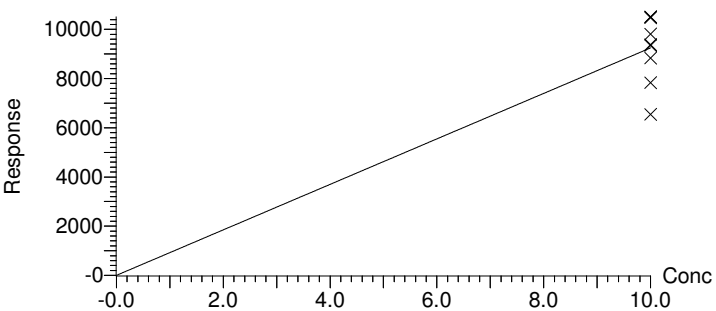
Compound name: M4PFOS

Response Factor: 924.646

RRF SD: 134.513, % Relative SD: 14.5475

Response type: External Std, Area

Curve type: RF



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M8PFOS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	9.872	9814.570	10398.749	10.538	105.4	1.060	597		2.90
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	9.872	10510.940	10049.510	9.509	95.1	0.956	391		2.56
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	9.872	10495.651	10182.289	9.649	96.5	0.970	161442		2.24
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	9.876	10469.830	11004.518	10.454	104.5	1.051	385		3.25
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	9.872	9385.645	9550.343	10.120	101.2	1.018	533		3.34
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	9.870	9335.229	8824.957	9.402	94.0	0.945	283		2.29
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	9.870	8826.887	8761.356	9.872	98.7	0.993	1069		2.55
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	9.866	7834.846	8008.018	10.166	101.7	1.022	741		2.04
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	9.866	6544.558	6771.596	10.291	102.9	1.035	455		2.84

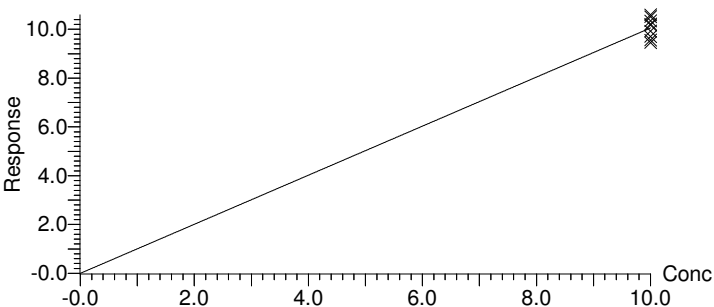
Compound name: M8PFOS

Response Factor: 1.00545

RRF SD: 0.0414497, % Relative SD: 4.12248

Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)

Curve type: RF



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	10.4...	91992.289	3978.003	0.466	93.3	0.865	110	48	1.78
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	10.4...	91588.445	7572.664	0.892	89.2	0.827	357	61	1.28
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	10.4...	91931.789	37700.078	4.423	88.5	0.820	1765	364	2.69
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	10.4...	93766.531	79940.797	9.195	92.0	0.853	2524	578	2.79
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	10.4...	84798.953	358116.781	45.549	91.1	0.845	6315	2966	2.66
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	10.4...	73912.203	874346.875	127.588	102.1	0.946	13958	2699	2.64
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	10.4...	73982.563	986034.938	143.749	95.8	0.889	11181	4744	2.63
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	10.4...	69119.031	1572750.250	245.417	98.2	0.910	7741	11736	2.82
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	10.4...	57484.496	2740682.000	514.221	102.8	0.954	20941	4256	2.86

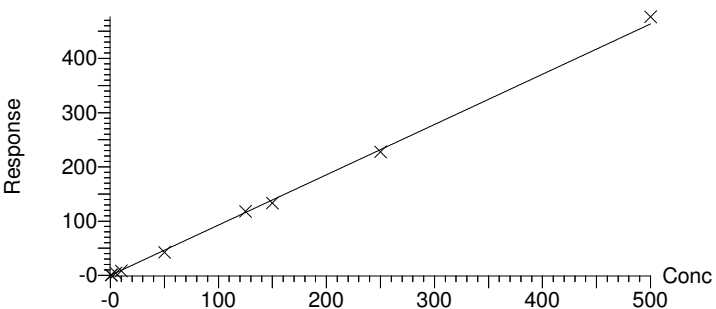
Compound name: PFDA

Coefficient of Determination: R^2 = 0.998745

Calibration curve: 0.927167 * x

Response type: Internal Std (Ref 36), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537\ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M2PFDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	10.4...		82229.539	10.901	109.0	8222.954	10671		2.35
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	10.4...		84503.523	11.203	112.0	8450.352	9861		3.76
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	10.4...		84819.578	11.245	112.4	8481.958	9855		2.18
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	10.4...		87811.344	11.641	116.4	8781.134	11021		3.31
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	10.4...		76706.633	10.169	101.7	7670.663	9475		2.42
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	10.4...		71294.813	9.452	94.5	7129.481	4330		2.77
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	10.4...		69184.242	9.172	91.7	6918.424	7478		3.99
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	10.4...		65652.602	8.704	87.0	6565.260	4526		3.10
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	10.4...		56685.316	7.515	75.1	5668.532	4199		2.68

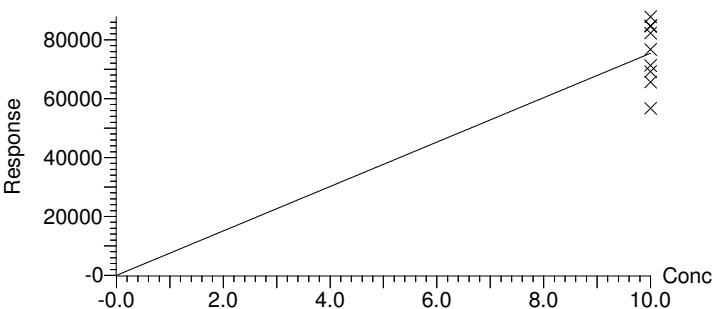
Compound name: M2PFDA

Response Factor: 7543.2

RRF SD: 1045.66, % Relative SD: 13.8623

Response type: External Std, Area

Curve type: RF



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M6PFDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	10.4...	82229.539	91992.289	10.452	104.5	1.119	2624		3.38
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	10.4...	84503.523	91588.445	10.127	101.3	1.084	3211		4.00
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	10.4...	84819.578	91931.789	10.127	101.3	1.084	2737		2.95
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	10.4...	87811.344	93766.531	9.977	99.8	1.068	4921		2.58
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	10.4...	76706.633	84798.953	10.329	103.3	1.105	4536		3.18
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	10.4...	71294.813	73912.203	9.686	96.9	1.037	1474		2.99
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	10.4...	69184.242	73982.563	9.991	99.9	1.069	2796		3.67
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	10.4...	65652.602	69119.031	9.836	98.4	1.053	3260		4.68
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	10.4...	56685.316	57484.496	9.475	94.7	1.014	3790		2.06

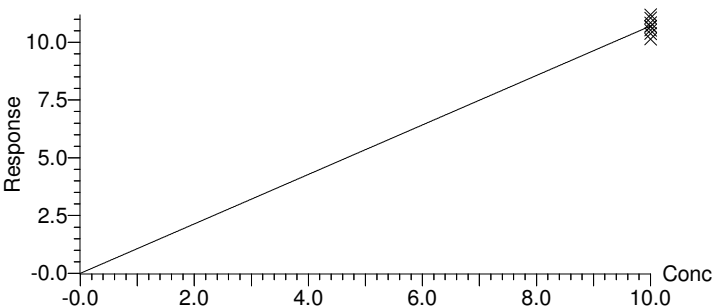
Compound name: M6PFDA

Response Factor: 1.0703

RRF SD: 0.0326935, % Relative SD: 3.05461

Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)

Curve type: RF



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: 8:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	10.4...	2697.284	174.189	0.566	117.9	1.345	8		1.11
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	10.4...	2614.647	303.674	1.019	106.1	1.210	4		1.48
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	10.4...	2908.461	1750.703	5.338	111.2	1.254	385		2.26
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	10.4...	3275.711	3212.883	8.774	91.4	1.022	431		2.18
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	10.4...	3324.053	16090.647	48.172	100.4	1.008	3178		2.94
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	10.4...	4168.224	39954.750	119.972	100.0	0.799	3788		2.49
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	10.4...	4140.733	47063.766	190.133	132.0	0.789	3189		3.11
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	10.4...	5141.743	74183.547			0.601	4799		2.98
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	10.4...	7494.302	131059.078			0.364	5963		3.19

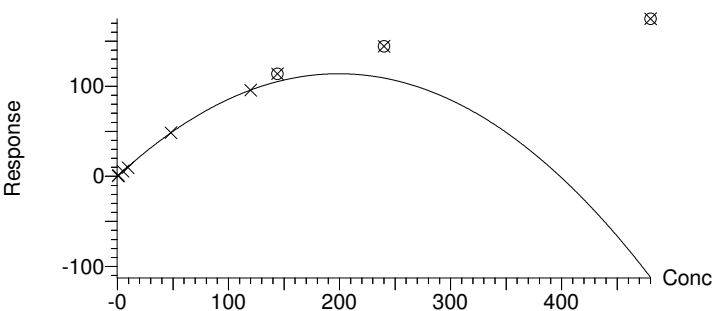
Compound name: 8:2FTS

Coefficient of Determination: R^2 = 0.998610

Calibration curve: $-0.00286751 * x^2 + 1.143 * x$

Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M2-8:2FTS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	10.4...	9814.570	2697.284	8.614	86.1	0.275	278		2.13
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	10.4...	10510.940	2614.647	7.797	78.0	0.249	167		1.77
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	10.4...	10495.651	2908.461	8.686	86.9	0.277	10		2.13
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	10.4...	10469.830	3275.711	9.807	98.1	0.313	60		2.01
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	10.4...	9385.645	3324.053	11.101	111.0	0.354	413		2.11
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	10.4...	9335.229	4168.224	13.995	140.0	0.447	93		2.33
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	10.4...	8826.887	4140.733	14.704	147.0	0.469	189		2.93
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	10.4...	7834.846	5141.743	20.570	205.7	0.656	82181		2.47
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	10.4...	6544.558	7494.302	35.893	358.9	1.145	120953		1.80

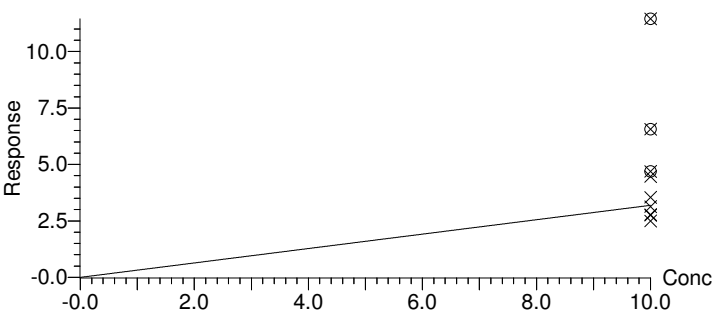
Compound name: M2-8:2FTS

Response Factor: 0.319038

RRF SD: 0.0723492, % Relative SD: 22.6773

Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)

Curve type: RF



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFNS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	10.4...	10398.749	406.144	0.455	94.8	0.814	16	21	1.41
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	10.4...	10049.510	984.008	1.141	118.8	1.020	216	10019	1.76
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	10.4...	10182.289	4058.802	4.644	96.7	0.830	378	308	1.93
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	10.4...	11004.518	9027.426	9.556	99.5	0.855	825	241	2.32
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	10.4...	9550.343	41281.340	50.353	104.9	0.901	1241	2388	2.49
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	10.4...	8824.957	95866.227	126.545	105.5	0.905	2328	2629	2.58
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	10.4...	8761.356	110723.313	147.218	102.2	0.878	3592	3589	2.58
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	10.4...	8008.018	163870.094	238.379	99.3	0.853	5007	4109	2.47
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	10.4...	6771.596	272946.688	469.548	97.8	0.840	4650	8723	2.46

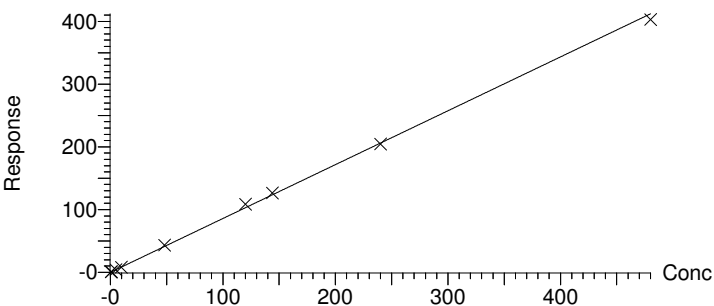
Compound name: PFNS

Coefficient of Determination: R^2 = 0.999196

Calibration curve: 0.858433 * x

Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: d3-NMeFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	10.8...	82229.539	7294.885	8.717	87.2	0.089	369		2.07
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	10.8...	84503.523	7282.419	8.467	84.7	0.086	270		2.51
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	10.8...	84819.578	7313.237	8.472	84.7	0.086	143		1.38
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	10.8...	87811.344	8037.103	8.993	89.9	0.092	184		1.49
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	10.8...	76706.633	7599.302	9.734	97.3	0.099	243		1.24
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	10.8...	71294.813	7377.587	10.167	101.7	0.103	414		1.72
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	10.8...	69184.242	7243.809	10.288	102.9	0.105	261		1.99
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	10.8...	65652.602	7888.071	11.805	118.1	0.120	236		1.63
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	10.8...	56685.316	7706.245	13.357	133.6	0.136	288		1.45

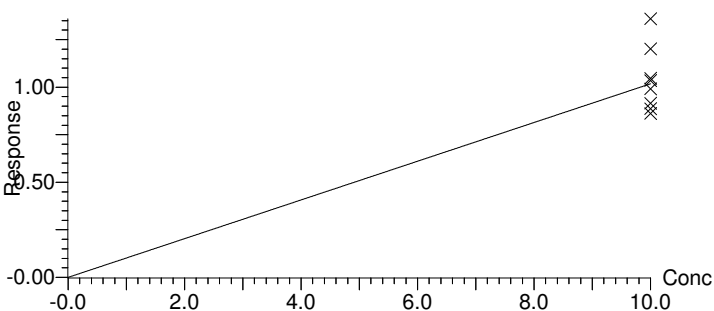
Compound name: d3-NMeFOSAA

Response Factor: 0.101777

RRF SD: 0.0169003, % Relative SD: 16.6053

Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)

Curve type: RF



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: NMeFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	10.8...	7294.885	333.031	0.442	88.3	0.913	27		1.51
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	10.8...	7282.419	676.591	0.899	89.9	0.929	24		1.56
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	10.8...	7313.237	3828.897	5.064	101.3	1.047	88		2.14
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	10.8...	8037.103	8519.545	10.253	102.5	1.060	487		2.73
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	10.8...	7599.302	39159.039	49.843	99.7	1.031	1133		2.81
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	10.8...	7377.587	98459.656	129.090	103.3	1.068	3234		2.81
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	10.8...	7243.809	119208.484	159.180	106.1	1.097	1371		2.66
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	10.8...	7888.071	200737.484	246.153	98.5	1.018	3875		2.39
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	10.8...	7706.245	390841.406	490.576	98.1	1.014	5569		2.66

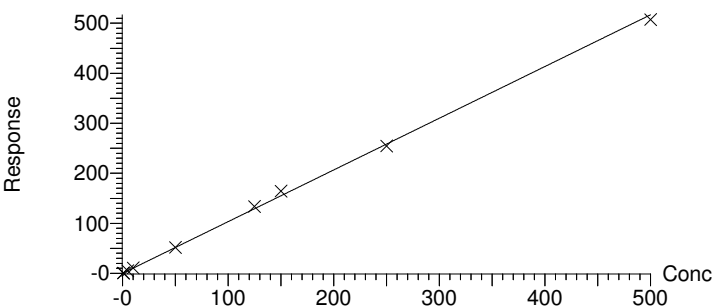
Compound name: NMeFOSAA

Coefficient of Determination: R^2 = 0.999104

Calibration curve: 1.03384 * x

Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFUnA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	10.9...	76967.570	3770.908	0.451	90.2	0.980	188	57	2.22
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	10.9...	81113.914	8220.246	0.933	93.3	1.013	256	65	2.95
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	10.9...	77316.516	39023.523	4.648	93.0	1.009	1306	867	1.88
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	10.9...	81736.359	81283.727	9.158	91.6	0.994	2961	100	2.71
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	10.9...	70498.875	369573.656	48.274	96.5	1.048	5481	2028	2.78
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	10.9...	62573.563	849538.438	125.023	100.0	1.086	5621	2221	2.81
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	10.9...	60956.867	990459.625	149.628	99.8	1.083	4904	2788	2.80
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	10.9...	54496.840	1485586.625	251.030	100.4	1.090	10504	9108	2.66
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	10.9...	47194.340	2574555.750	502.355	100.5	1.091	27156	7234	2.85

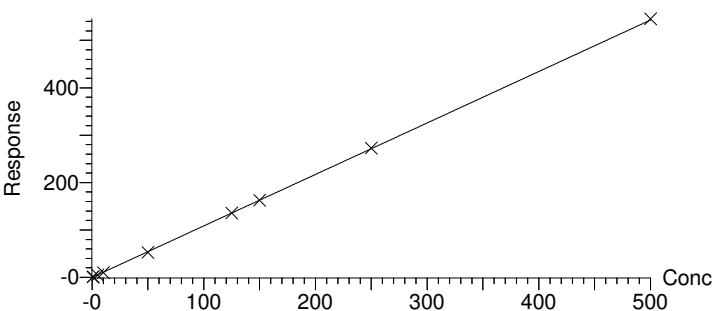
Compound name: PFUnA

Coefficient of Determination: R^2 = 0.999831

Calibration curve: 1.08593 * x

Response type: Internal Std (Ref 43), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M7-PFUDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	10.9...	82229.539	76967.570	10.427	104.3	0.936	3363		2.02
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	10.9...	84503.523	81113.914	10.694	106.9	0.960	4765		2.02
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	10.9...	84819.578	77316.516	10.155	101.5	0.912	1125		3.05
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	10.9...	87811.344	81736.359	10.370	103.7	0.931	3460		4.06
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	10.9...	76706.633	70498.875	10.239	102.4	0.919	2943		2.88
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	10.9...	71294.813	62573.563	9.778	97.8	0.878	4161		1.67
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	10.9...	69184.242	60956.867	9.816	98.2	0.881	1556		3.79
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	10.9...	65652.602	54496.840	9.247	92.5	0.830	2704		1.66
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	10.9...	56685.316	47194.340	9.275	92.8	0.833	1792		3.68

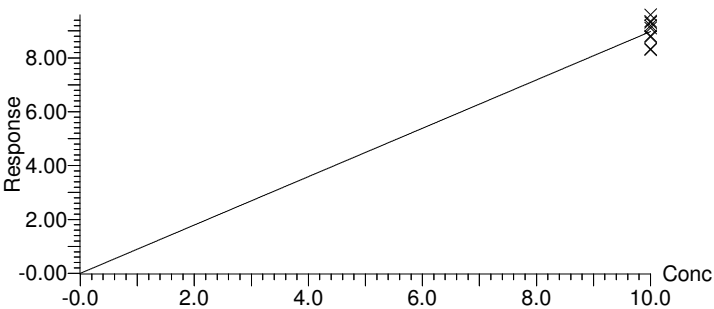
Compound name: M7-PFUDA

Response Factor: 0.897636

RRF SD: 0.0455139, % Relative SD: 5.07042

Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)

Curve type: RF



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFDS

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	10.9...	10398.749	364.881	0.437	90.6	0.727	12	28	1.65
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	10.9...	10049.510	751.621	0.932	96.6	0.775	156	60	1.55
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	10.9...	10182.289	4219.297	5.162	107.0	0.859	249	336	2.20
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	10.9...	11004.518	9049.031	10.244	106.2	0.852	260	81	2.89
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	10.9...	9550.343	40623.090	52.990	109.8	0.882	5086	1470	2.65
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	10.9...	8824.957	91923.414	129.764	107.6	0.864	4300	3746	2.69
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	10.9...	8761.356	105747.305	150.363	103.9	0.834	4900	4882	2.85
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	10.9...	8008.018	154266.141	239.987	99.5	0.799	7789	4519	2.69
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	10.9...	6771.596	251896.641	463.418	96.0	0.771	5340	5894	2.72

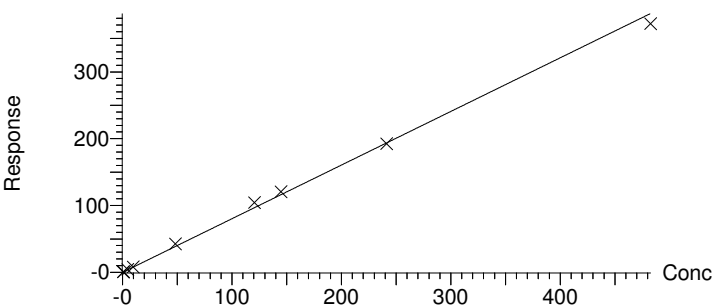
Compound name: PFDS

Coefficient of Determination: R^2 = 0.997864

Calibration curve: 0.802709 * x

Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: FOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	10.9...	27394.547	1213.025	0.430	85.9	0.886	36		1.84
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	10.9...	27527.242	2658.431	0.937	93.7	0.966	88		1.78
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	10.9...	27553.758	12810.756	4.510	90.2	0.930	1215		2.39
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	10.9...	28092.893	27297.332	9.426	94.3	0.972	1149		2.77
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	10.9...	26254.012	130479.383	48.212	96.4	0.994	2686		2.80
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	10.9...	24876.248	313573.469	122.283	97.8	1.008	6562		2.63
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	10.9...	23998.998	372369.844	150.520	100.3	1.034	7393		2.66
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	10.9...	22233.213	575503.250	251.106	100.4	1.035	4416		2.68
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	10.9...	19537.758	1015217.625	504.076	100.8	1.039	5135		2.69

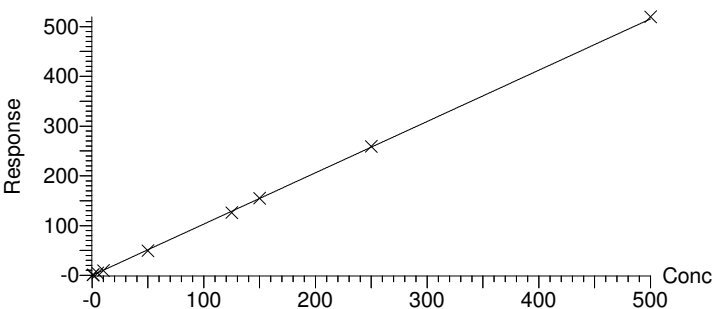
Compound name: FOSA

Coefficient of Determination: R^2 = 0.999759

Calibration curve: 1.03083 * x

Response type: Internal Std (Ref 46), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M8FOSA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	10.9...	82229.539	27394.547	9.912	99.1	0.333	3035		2.88
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	10.9...	84503.523	27527.242	9.692	96.9	0.326	1316		2.49
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	10.9...	84819.578	27553.758	9.665	96.6	0.325	1705		2.82
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	10.9...	87811.344	28092.893	9.518	95.2	0.320	2637		2.32
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	10.9...	76706.633	26254.012	10.183	101.8	0.342	1853		2.14
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	10.9...	71294.813	24876.248	10.381	103.8	0.349	1158		2.86
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	10.9...	69184.242	23998.998	10.320	103.2	0.347	2227		2.44
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	10.9...	65652.602	22233.213	10.075	100.8	0.339	1175		4.33
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	10.9...	56685.316	19537.758	10.254	102.5	0.345	1291		3.37

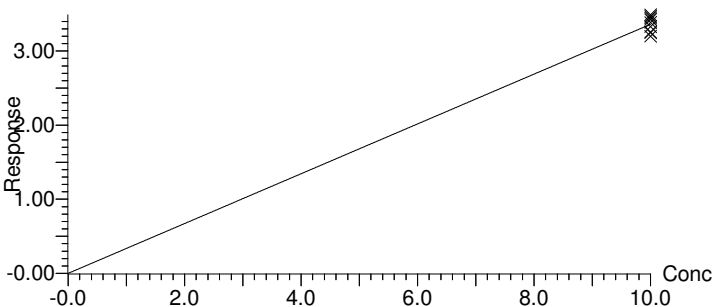
Compound name: M8FOSA

Response Factor: 0.336118

RRF SD: 0.0106223, % Relative SD: 3.16028

Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)

Curve type: RF



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: d5-NEtFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	11.125	82229.539	6427.043	8.487	84.9	0.078	279		1.81
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	11.128	84503.523	6954.311	8.936	89.4	0.082	243		1.34
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	11.120	84819.578	6944.486	8.890	88.9	0.082	259		3.43
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	11.128	87811.344	7258.144	8.975	89.8	0.083	109		2.02
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	11.124	76706.633	7105.366	10.058	100.6	0.093	319		1.71
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	11.119	71294.813	6762.974	10.300	103.0	0.095	262		2.25
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	11.123	69184.242	6502.274	10.205	102.1	0.094	153		1.83
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	11.123	65652.602	6694.457	11.072	110.7	0.102	302		1.83
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	11.119	56685.316	6825.947	13.076	130.8	0.120	372		2.36

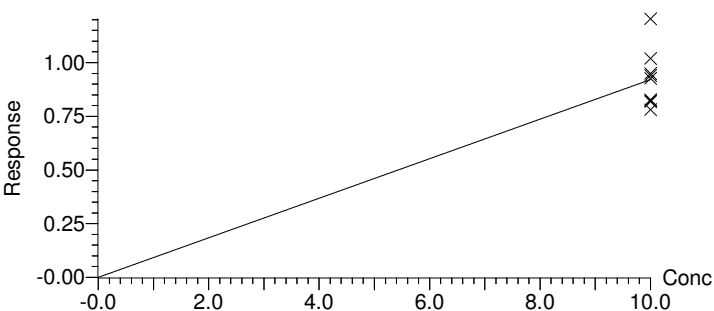
Compound name: d5-NEtFOSAA

Response Factor: 0.092094

RRF SD: 0.0132049, % Relative SD: 14.3385

Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)

Curve type: RF



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: NEtFOSAA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	11.134	6427.043	329.121	0.473	94.6	1.024	47	2561	1.47
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	11.133	6954.311	797.999	1.060	106.0	1.147	25	108	2.43
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	11.130	6944.486	3285.485	4.370	87.4	0.946	354	10	2.63
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	11.137	7258.144	7384.373	9.397	94.0	1.017	418	195	2.31
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	11.133	7105.366	33905.211	44.073	88.1	0.954	372	404	2.63
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	11.132	6762.974	89882.477	122.753	98.2	1.063	1236	754	2.77
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	11.132	6502.274	110808.445	157.399	104.9	1.136	1604	1315	2.64
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	11.128	6694.457	182736.172	252.117	100.8	1.092	2348	1159	2.80
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	11.128	6825.947	369416.438	499.859	100.0	1.082	5334	3685	2.83

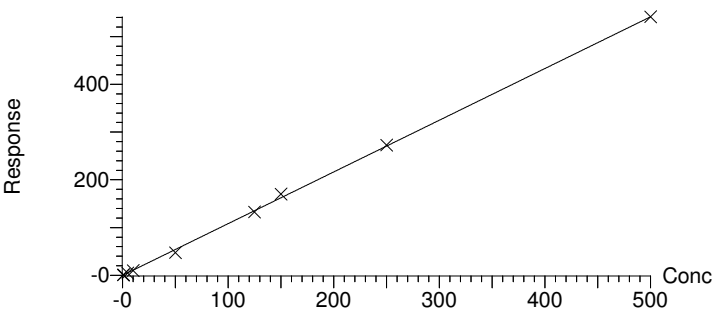
Compound name: NEtFOSAA

Coefficient of Determination: R^2 = 0.998835

Calibration curve: 1.0827 * x

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFDoA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	11.454	78208.508	3620.966	0.509	101.8	0.926	152	100	1.31
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	11.452	82372.117	7194.210	0.960	96.0	0.873	321	34	1.55
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	11.449	80548.320	35440.848	4.838	96.8	0.880	878	100	1.75
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	11.452	87095.461	78791.867	9.948	99.5	0.905	1792	371	2.30
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	11.447	79621.109	352841.594	48.730	97.5	0.886	4721	1334	2.76
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	11.447	74487.500	859010.188	126.811	101.4	0.923	3967	3131	2.75
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	11.442	73925.297	1041077.750	154.858	103.2	0.939	14398	1492	2.79
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	11.447	71969.438	1612881.375	246.432	98.6	0.896	17578	3049	2.64
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	11.442	65435.016	2965897.500	498.413	99.7	0.907	17684	4855	2.65

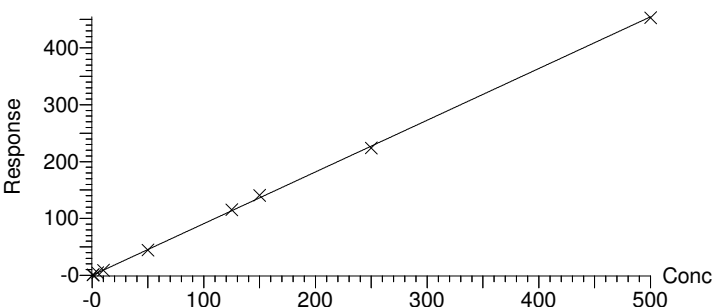
Compound name: PFDoA

Coefficient of Determination: R^2 = 0.999739

Calibration curve: 0.909404 * x

Response type: Internal Std (Ref 50), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: MPFDOA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	11.454	82229.539	78208.508	9.235	92.3	0.951	2958		2.18
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	11.452	84503.523	82372.117	9.465	94.6	0.975	3164		2.03
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	11.454	84819.578	80548.320	9.221	92.2	0.950	3110		2.24
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	11.452	87811.344	87095.461	9.630	96.3	0.992	4828		3.03
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	11.452	76706.633	79621.109	10.078	100.8	1.038	4704		2.36
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	11.447	71294.813	74487.500	10.144	101.4	1.045	2510		2.53
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	11.447	69184.242	73925.297	10.375	103.7	1.069	1958		2.10
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	11.447	65652.602	71969.438	10.644	106.4	1.096	951		1.76
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	11.447	56685.316	65435.016	11.208	112.1	1.154	1376		2.83

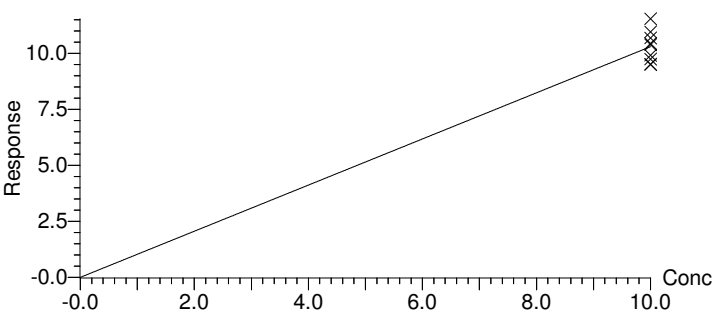
Compound name: MPFDOA

Response Factor: 1.02992

RRF SD: 0.0696449, % Relative SD: 6.76219

Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)

Curve type: RF



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFTTrDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	11.855	78208.508	2419.796	0.453	90.6	0.619	85	33	1.28
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	11.853	82372.117	4963.271	0.882	88.2	0.603	254	102	2.33
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	11.850	80548.320	26654.309	4.846	96.9	0.662	969	269	3.07
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	11.853	87095.461	60240.711	10.129	101.3	0.692	2307	409	3.03
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	11.853	79621.109	267167.594	49.137	98.3	0.671	5420	1843	2.65
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	11.853	74487.500	627348.063	123.332	98.7	0.674	7216	3513	2.84
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	11.847	73925.297	746306.750	147.835	98.6	0.673	11557	4977	3.09
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	11.847	71969.438	1226807.875	249.621	99.8	0.682	15806	4589	2.85
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	11.847	65435.016	2257761.250	505.266	101.1	0.690	21139	7153	3.19

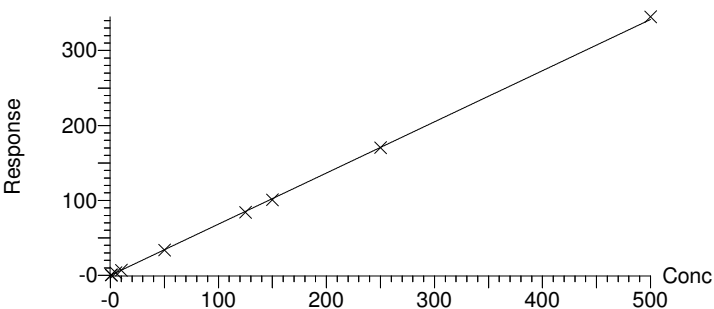
Compound name: PFTTrDA

Coefficient of Determination: R^2 = 0.999861

Calibration curve: 0.682886 * x

Response type: Internal Std (Ref 50), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFTA

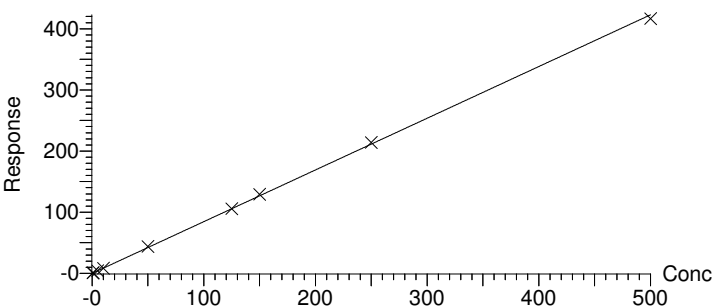
	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	12.2...	49757.793	2304.109	0.548	109.5	0.926	119	4	2.35
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	12.1...	50492.090	4607.527	1.079	107.9	0.913	260	154	2.50
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	12.1...	52964.637	22107.326	4.935	98.7	0.835	1117	448	2.57
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	12.2...	67082.180	55471.961	9.777	97.8	0.827	1770	1556	2.79
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	12.1...	50863.992	223245.156	51.895	103.8	0.878	5991	1615	2.83
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	12.1...	49065.984	519475.750	125.182	100.1	0.847	7298	4473	2.85
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	12.1...	48250.953	623078.875	152.685	101.8	0.861	17726	3079	2.84
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	12.1...	48031.281	1027678.625	252.983	101.2	0.856	24339	4280	2.87
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	12.1...	45382.875	1890016.875	492.416	98.5	0.833	17404	10767	3.03

Compound name: PFTA

Coefficient of Determination: $R^2 = 0.999731$ Calibration curve: $0.84575 * x$

Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M2PFTEDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	12.2...	82229.539	49757.793	8.824	88.2	0.605	3141		1.58
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	12.1...	84503.523	50492.090	8.713	87.1	0.598	2455		3.17
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	12.1...	84819.578	52964.637	9.106	91.1	0.624	3528		2.53
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	12.1...	87811.344	67082.180	11.140	111.4	0.764	2638		3.20
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	12.1...	76706.633	50863.992	9.669	96.7	0.663	2529		2.45
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	12.2...	71294.813	49065.984	10.036	100.4	0.688	2057		1.67
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	12.1...	69184.242	48250.953	10.170	101.7	0.697	1584		1.81
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	12.1...	65652.602	48031.281	10.668	106.7	0.732	2957		1.99
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	12.1...	56685.316	45382.875	11.675	116.7	0.801	2202		2.41

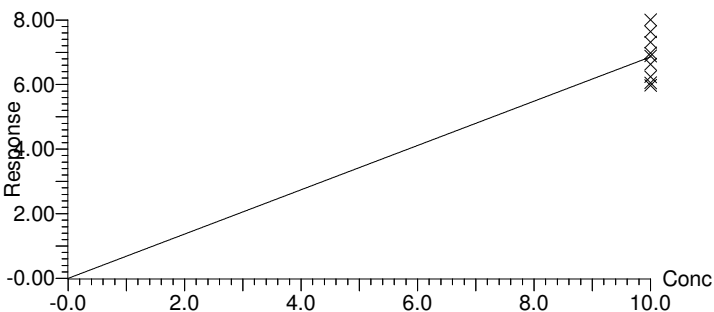
Compound name: M2PFTEDA

Response Factor: 0.685771

RRF SD: 0.0708088, % Relative SD: 10.3254

Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)

Curve type: RF



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M3HFPO-DA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	7.311	102602.688	3203.275	65.478	32.7	0.002	1049		1.94
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	7.311	105983.063	3467.166	68.611	34.3	0.002	61877		1.76
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	7.311	105970.758	3777.133	74.754	37.4	0.002	64409		2.08
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	7.311	110014.641	4892.337	93.266	46.6	0.002	1199		1.77
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	7.300	98537.977	8766.774	186.592	93.3	0.004	153147		1.80
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	7.294	98710.336	12609.007	267.902	134.0	0.006	11587		1.96
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	7.290	96999.094	13541.027	292.780	146.4	0.007	12577		2.20
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	7.280	90308.586	15155.344	351.960	176.0	0.008	228912		2.24
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	7.259	82193.836	15623.665	398.658	199.3	0.010	2753		2.49

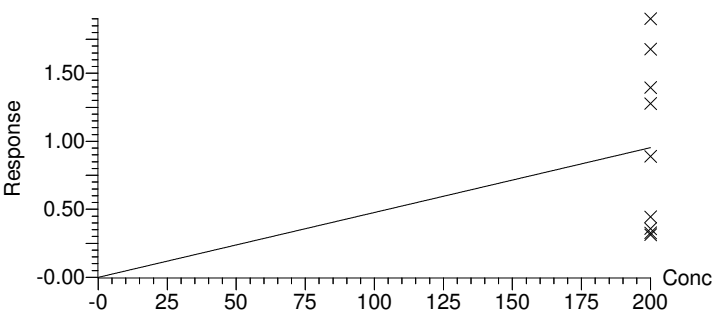
Compound name: M3HFPO-DA

Response Factor: 0.00476807

RRF SD: 0.00313564, % Relative SD: 65.7632

Response type: Internal Std (Ref 21), Area * (IS Conc. / IS Area)

Curve type: RF



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: HFPO-DA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	7.318	3203.275	63.332	7.185	71.8	0.395	5		0.86
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	7.318	3467.166	179.818	18.847	94.2	0.519	3		1.08
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	7.311	3777.133	960.299	92.393	92.4	0.508	1063		1.53
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	7.311	4892.337	2381.987	176.936	88.5	0.487	511		1.17
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	7.300	8766.774	22674.502	939.921	94.0	0.517	4371		2.65
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	7.293	12609.007	84933.930	2447.900	97.9	0.539	19065		2.80
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	7.289	13541.027	109532.555	2939.578	98.0	0.539	48275		2.23
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	7.279	15155.344	202363.953	4852.446	97.0	0.534	52614		2.58
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	7.258	15623.665	445175.281	10354.794	103.5	0.570	283		3.45

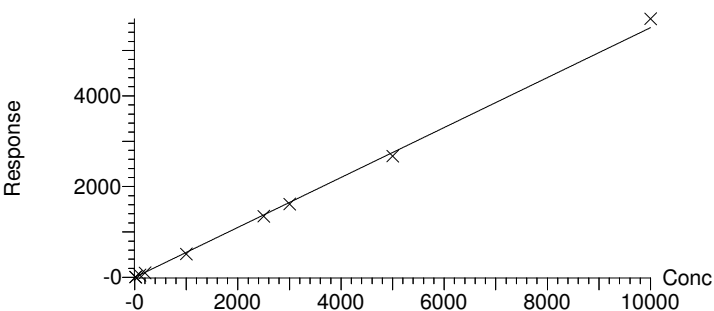
Compound name: HFPO-DA

Coefficient of Determination: R^2 = 0.998743

Calibration curve: 0.550347 * x

Response type: Internal Std (Ref 54), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: ADONA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	8.324	102279.609	7911.218	0.454	96.0	1.635	796		1.95
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	8.324	102801.859	16083.821	0.919	97.1	1.654	2977		1.97
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	8.324	103848.039	78813.188	4.456	94.2	1.604	5195		2.79
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	8.324	104749.414	163678.984	9.174	97.0	1.651	11685		3.14
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	8.321	98602.719	777856.688	46.314	97.9	1.667	25010		2.85
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	8.321	91886.219	1870545.500	119.514	101.0	1.721	38067		4.53
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	8.317	90537.289	2207025.250	143.114	100.8	1.718	61749		4.54
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	8.317	86080.008	3445240.500	234.973	99.3	1.692	81991		4.55
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	8.317	76172.523	6148208.000	473.861	100.2	1.706	89783		4.56

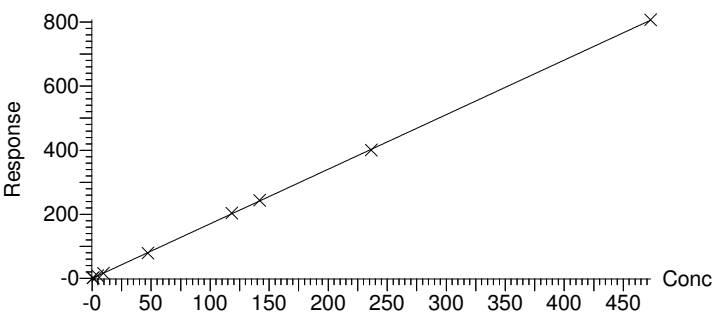
Compound name: ADONA

Coefficient of Determination: R^2 = 0.999919

Calibration curve: 1.70333 * x

Response type: Internal Std (Ref 23), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Force, Weighting: 1/x, Axis trans: None



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFHxDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	12.6...	9251.807	2447.048	0.668	133.7	5.290	302		1.50
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	12.6...	9306.437	4444.701	1.207	120.7	4.776	574		3.45
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	12.6...	9712.712	18765.379	4.890	97.8	3.864	1508		4.52
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	12.6...	15297.293	58559.336	9.708	97.1	3.828	4927		2.94
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	12.6...	9395.253	173473.219	47.528	95.1	3.693	11979		3.32
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	12.6...	9089.563	436845.719	127.785	102.2	3.845	15529		4.45
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	12.6...	9065.697	503365.000	148.922	99.3	3.702	28867		2.48
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	12.6...	8791.854	791765.688	252.342	100.9	3.602	29879		2.72
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	12.6...	8710.269	1384262.625	498.298	99.7	3.178	56940		2.65

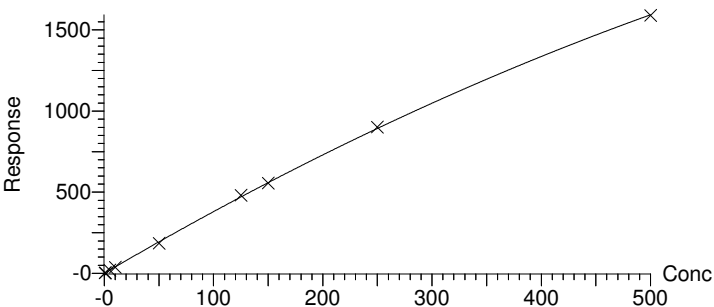
Compound name: PFHxDA

Coefficient of Determination: R^2 = 0.999636

Calibration curve: $-0.00154302 * x^2 + 3.9582 * x$

Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None

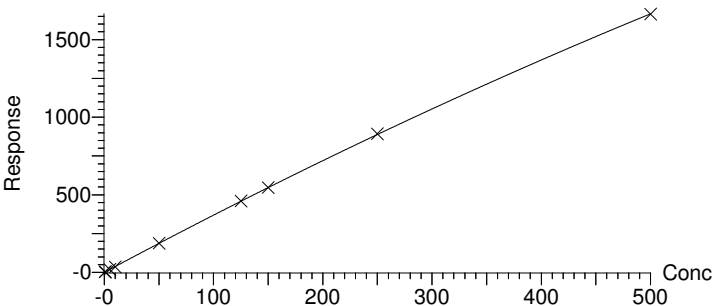


Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld
Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time
Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: PFODA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	12.8...	9251.807	1623.703	0.465	93.0	3.510	223		1.58
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	12.8...	9306.437	3617.445	1.030	103.0	3.887	464		1.91
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	12.8...	9712.712	17313.121	4.726	94.5	3.565	2023		3.95
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	12.8...	15297.293	54754.730	9.501	95.0	3.579	6104		4.79
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	12.8...	9395.253	175740.547	50.128	100.3	3.741	9314		2.23
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	12.8...	9089.563	417656.844	125.380	100.3	3.676	22339		3.25
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	12.8...	9065.697	494649.281	149.768	99.8	3.638	25062		3.16
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	12.8...	8791.854	784766.500	251.211	100.5	3.570	37802		2.00
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	12.8...	8710.269	1449563.625	499.270	99.9	3.328	54927		3.70

Compound name: PFODA
Coefficient of Determination: R^2 = 0.999945
Calibration curve: -0.000886676 * x^2 + 3.77596 * x
Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Force, Weighting: 1/x, Axis trans: None



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:48:50 Eastern Standard Time

Compound name: M2PFHxDA

	Name	ID	Acq.Date	Acq.Time	RT	IS Area	Area	Conc (ng...	%Rec	RRF	1° S/N	2° S/N	(b/a)
1	I2265	IA2-537STD0.5	14-Feb-19	15:17:21	12.6...	82229.539	9251.807	8.582	85.8	0.113	2740		2.21
2	I2266	IA2-537STD1.0	14-Feb-19	15:33:55	12.6...	84503.523	9306.437	8.400	84.0	0.110	3452		2.42
3	I2267	IA2-537STD5.0	14-Feb-19	15:50:33	12.6...	84819.578	9712.712	8.734	87.3	0.115	4537		2.86
4	I2268	IA2-537STD010	14-Feb-19	16:07:08	12.6...	87811.344	15297.293	13.288	132.9	0.174	5324		4.34
5	I2269	IA2-537STD050	14-Feb-19	16:23:41	12.6...	76706.633	9395.253	9.342	93.4	0.122	3443		2.24
6	I2270	IA2-537STD125	14-Feb-19	16:40:15	12.6...	71294.813	9089.563	9.724	97.2	0.127	2836		3.32
7	I2271	IA2-537STD150	14-Feb-19	16:56:49	12.6...	69184.242	9065.697	9.995	99.9	0.131	2662		1.74
8	I2272	IA2-537STD250	14-Feb-19	17:13:23	12.6...	65652.602	8791.854	10.214	102.1	0.134	2596		2.47
9	I2273	IA2-537STD500	14-Feb-19	17:29:57	12.6...	56685.316	8710.269	11.720	117.2	0.154	1745		2.94

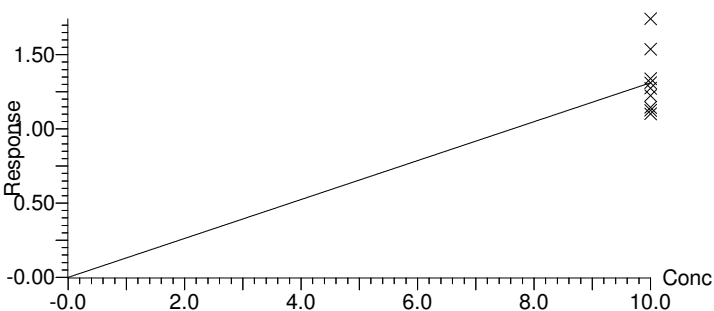
Compound name: M2PFHxDA

Response Factor: 0.131105

RRF SD: 0.0209844, % Relative SD: 16.0058

Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)

Curve type: RF



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Method: C:\MassLynx\Data\2019\190214_537ISO.PRO\MethDB\537ISO_Q.mdb 10 Jan 2019 15:42:15

Calibration: C:\MassLynx\Data\2019\190214_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 07:45:17

ID: IA2-537STD0.5

Name: I2265

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:PB

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.31	212.926 > 169.111	2196		0.479		na	95.8
2	M3PFBA	INT STD	2.31	215.926 > 172.122	47831		10.077		na	100.8
3	MPFBA	INT STD	2.31	216.926 > 172.137	53441		10.343		na	103.4
4	PFPeA	2706-90-3	5.05	262.926 > 219.002	3604		0.491		na	98.1
5	M5PFPEA	INT STD	5.05	267.989 > 223.081	68606		10.673		na	106.7
6	PFBS	375-73-5	5.68	298.989 > 80.295	503		0.387		na	87.4
7	M3PFBS	INT STD	5.67	301.989 > 80.254	12467		10.212		na	102.1
8	4:2FTS	757124-72-4	6.80	326.926 > 306.957	277		0.489	2.92	YES	104.6
9	M2-4:2FTS	INT STD	6.81	329.117 > 309.079	4710		8.317		na	83.2
10	PFHxA	307-24-4	6.89	312.989 > 269.028	4672		0.529	23.78	NO	105.9
11	M5PFHxA	INT STD	6.89	317.989 > 273.045	87134		10.215		na	102.1
12	PFPeS	2706-91-4	7.20	348.926 > 80.251	606		0.457	2.09	NO	97.1
13	PFHpA	375-85-9	8.14	362.926 > 319.014	5516		0.481	6.42	NO	96.3
14	M4PFHpA	INT STD	8.14	366.926 > 321.979	114466		10.387		na	103.9
15	br-PFHxS	355-46-4	8.08	398.926 > 80.295	66		0.058	1.58	NO	68.0
16	L-PFHxS	355-46-4	8.30	398.926 > 80.295	400		0.319	1.41	NO	86.2
17	PFHxS	355-46-4		398.926 > 80.295	467		0.377		na	
18	M3PFHxS	INT STD	8.30	401.926 > 80.317	9072		10.498		na	105.0
19	br-PFOA	335-67-1		412.989 > 368.9			ND		YES	
20	L-PFOA	335-67-1	9.08	412.989 > 368.9	5276		0.482	10.53	NO	96.5
21	M2PFOA	INT STD	9.08	415.032 > 369.968	102603		10.360		na	103.6
22	PFOA	335-67-1		412.989 > 368.9	5276		0.482		na	
23	M8PFOA	INT STD	9.08	420.989 > 375.979	102280		10.379		na	103.8
24	6:2FTS	27619-97-2	9.04	426.989 > 406.921	201		0.447		na	94.0
25	M2-6:2FTS	INT STD	9.04	428.989 > 408.917	4497		7.905		na	79.0
26	PFHpS	375-92-8	9.17	448.926 > 80.257	313		0.438	1.17	YES	92.2
27	PFNA	375-95-1	9.83	462.989 > 418.931	4130		0.450	4.82	NO	90.0
28	M9PFNA	INT STD	9.83	472.053 > 426.947	99165		10.583		na	105.8
29	br-PFOS	1763-23-1	9.68	498.989 > 80.294	109		0.078	8.03	NO	77.8
30	L-PFOS	1763-23-1	9.87	498.989 > 80.294	312		0.262	1.41	YES	71.9
31	PFOS	1763-23-1		498.989 > 80.294	421		0.340		na	
32	M4PFOS	INT STD	9.88	503.032 > 80.306	9815		10.614		na	106.1
33	M8PFOS	INT STD	9.87	507.053 > 80.294	10399		10.538		na	105.4
34	PFDA	335-76-2	10.45	513.053 > 468.906	3978		0.466	7.46	YES	93.3
35	M2PFDA	INT STD	10.45	515.053 > 469.934	82230		10.901		na	109.0
36	M6PFDA	INT STD	10.45	519.053 > 473.931	91992		10.452		na	104.5
37	8:2FTS	39108-34-4	10.45	526.989 > 506.946	174		0.566		na	117.9
38	M2-8:2FTS	INT STD	10.45	529.053 > 508.945	2697		8.614		na	86.1
39	PFNS	68259-12-1	10.47	548.989 > 80.249	406		0.455	1.57	NO	94.8

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

ID: IA2-537STD0.5

Name: I2265

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:PB

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.84	573.096 > 418.987	7295		8.717		na	87.2
41	NMeFOSAA	2355-31-9	10.83	570.053 > 418.917	333		0.442		na	88.3
42	PfUnA	2058-94-8	10.98	562.989 > 518.903	3771		0.451	8.03	NO	90.2
43	M7-PFUDA	INT STD	10.98	570.053 > 524.923	76968		10.427		na	104.3
44	PFDS	335-77-3	10.99	598.926 > 80.314	365		0.437	1.60	NO	90.6
45	FOSA	754-91-6	10.94	497.989 > 78.245	1213		0.430		na	85.9
46	M8FOSA	INT STD	10.94	506.053 > 78.286	27395		9.912		na	99.1
47	d5-NEtFOSAA	INT STD	11.13	589.117 > 418.929	6427		8.487		na	84.9
48	NEtFOSAA	2991-50-6	11.13	583.989 > 418.927	329		0.473	2.34	YES	94.6
49	PFDoA	307-55-1	11.45	612.989 > 568.967	3621		0.509	16.36	NO	101.8
50	MPFDOA	INT STD	11.45	614.989 > 569.92	78209		9.235		na	92.3
51	PFTTrDA	72629-94-8	11.86	663.053 > 618.969	2420		0.453	10.31	NO	90.6
52	PFTA	376-06-7	12.20	713.053 > 668.976	2304		0.548	9.68	NO	109.5
53	M2PFTEDA	INT STD	12.20	715.053 > 669.945	49758		8.824		na	88.2
54	M3HFPO-DA	INT STD	7.31	331.989 > 286.995	3203		65.478		na	32.7
55	HFPO-DA	13252-13-6	7.32	328.989 > 284.982	63		7.185		na	71.8
56	ADONA	958445-44-8	8.32	376.926 > 251.005	7911		0.454		YES	96.0
57	PFHxDA		12.64	813.053 > 769.005	2447		0.668		na	133.7
58	PFODA		12.85	912.989 > 869.032	1624		0.465		na	93.0
59	M2PFHxDA		12.64	815.372 > 770.158	9252		8.582		na	85.8

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Method: C:\MassLynx\Data\2019\190214_537ISO.PRO\MethDB\537ISO_Q.mdb 10 Jan 2019 15:42:15

Calibration: C:\MassLynx\Data\2019\190214_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 07:45:17

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBA

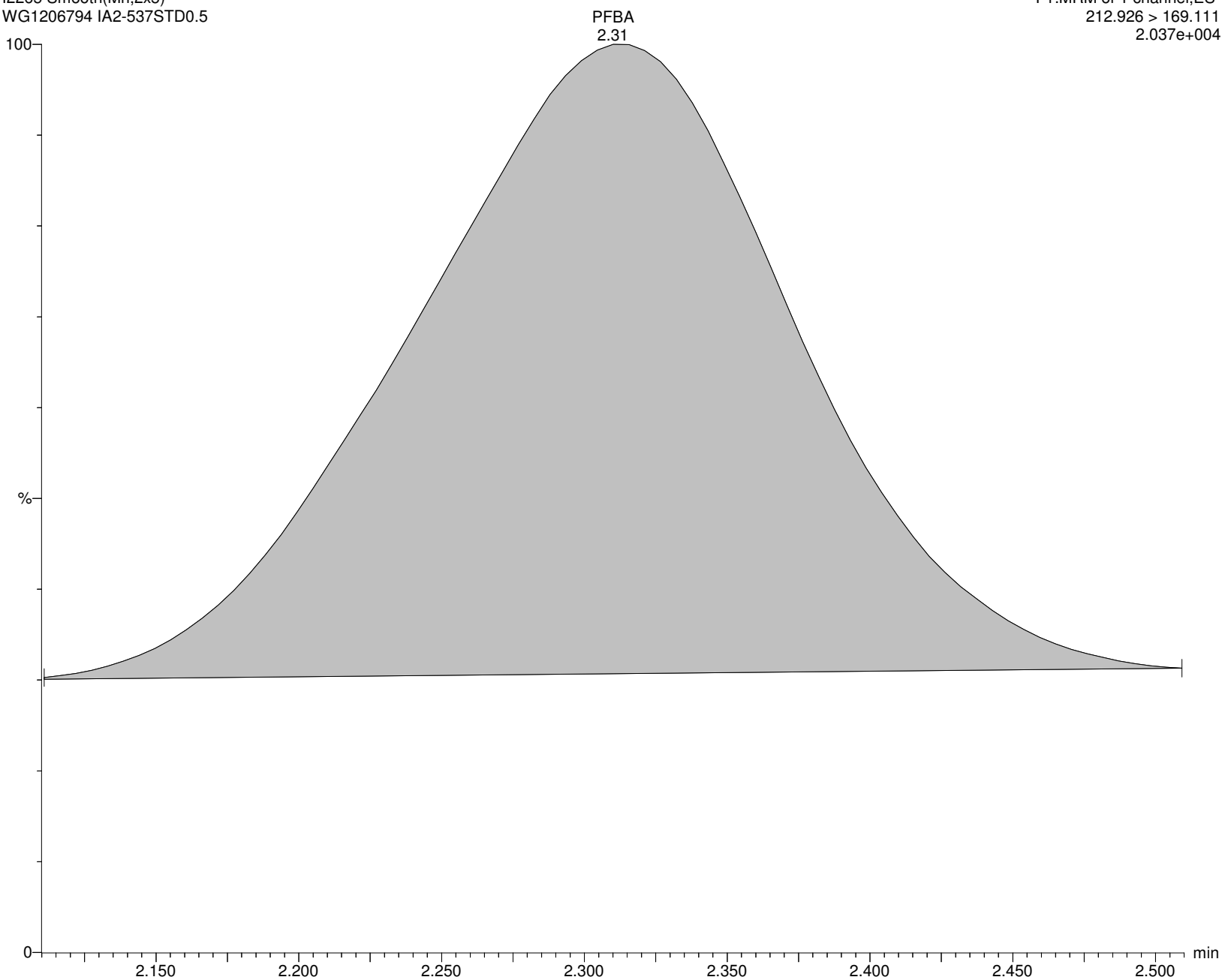
I2265 Smooth(Mn,2x5)

WG1206794 IA2-537STD0.5

F1:MRM of 1 channel,ES-

212.926 > 169.111

2.037e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBA

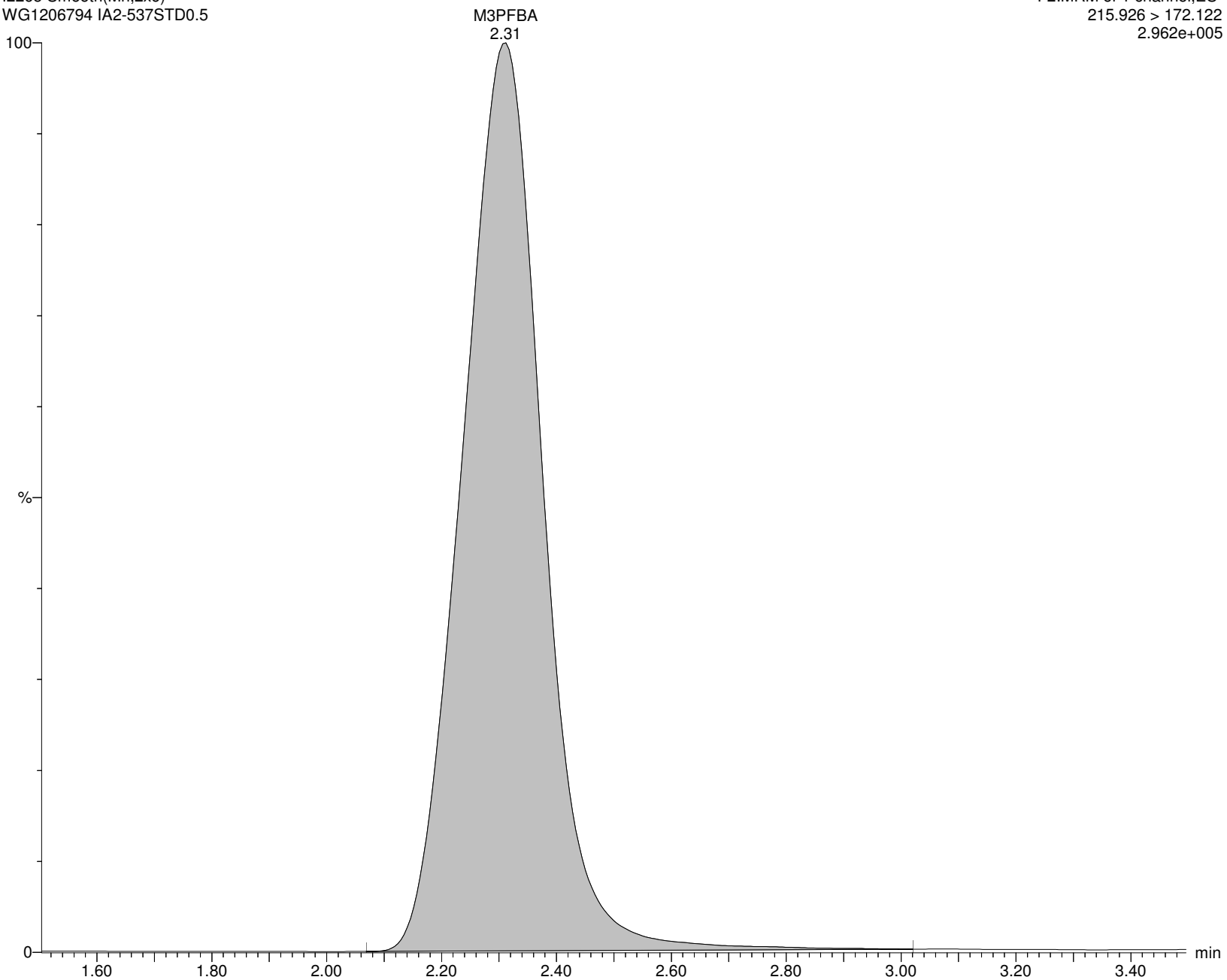
I2265 Smooth(Mn,2x6)

WG1206794 IA2-537STD0.5

F2:MRM of 1 channel,ES-

215.926 > 172.122

2.962e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFBA

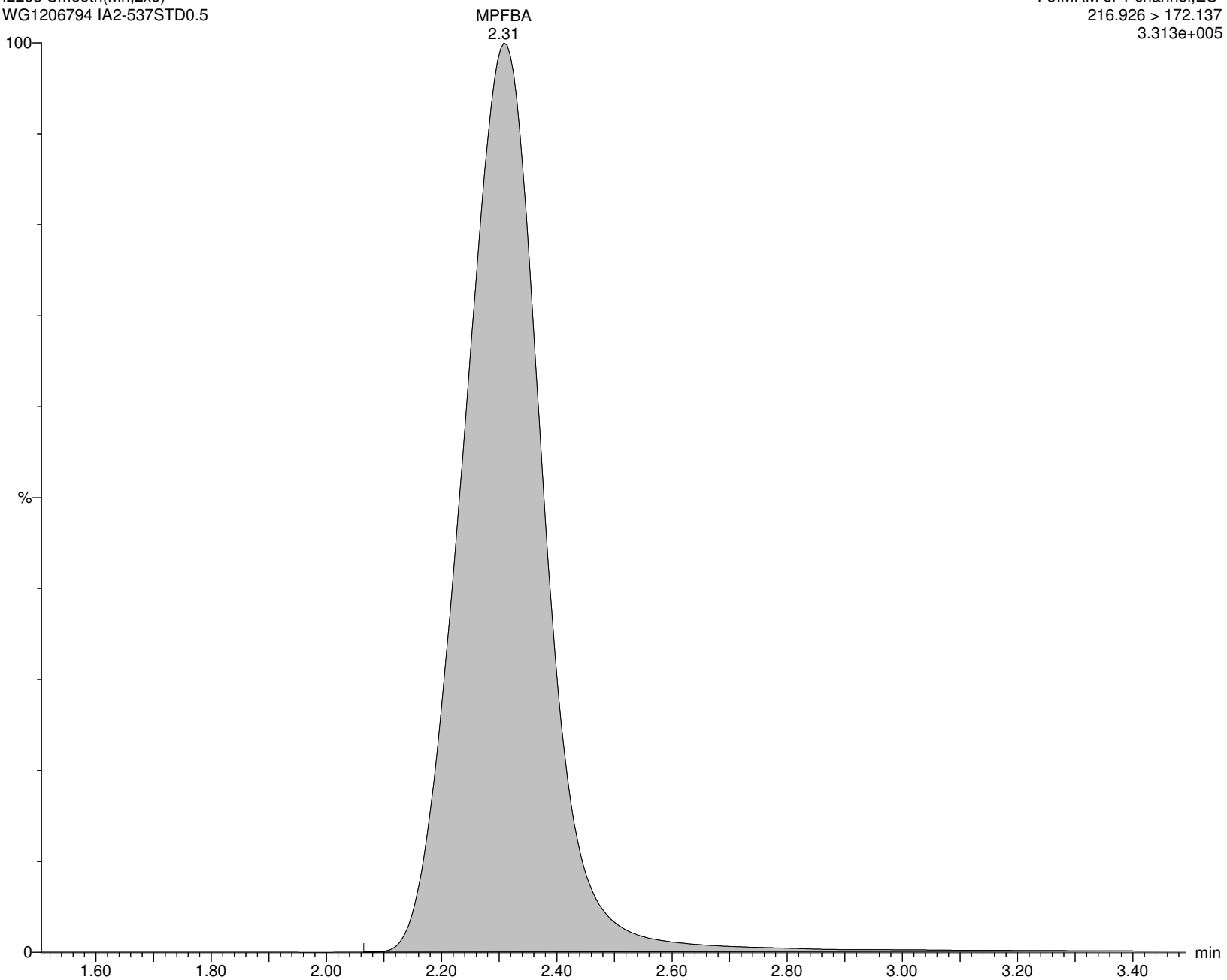
I2265 Smooth(Mn,2x6)

WG1206794 IA2-537STD0.5

F3:MRM of 1 channel,ES-

216.926 > 172.137

3.313e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeA

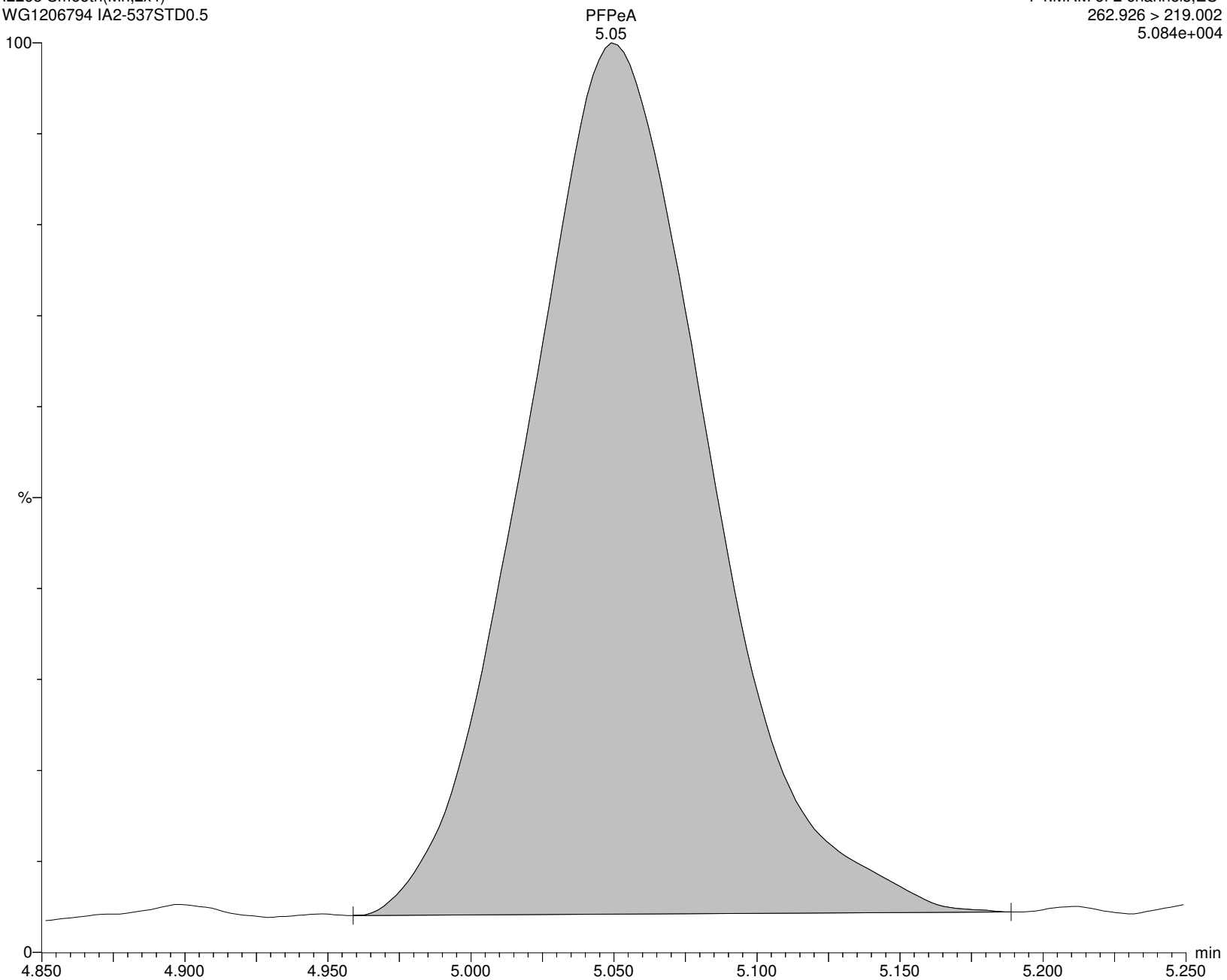
I2265 Smooth(Mn,2x4)

WG1206794 IA2-537STD0.5

F4:MRM of 2 channels,ES-

262.926 > 219.002

5.084e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFPEA

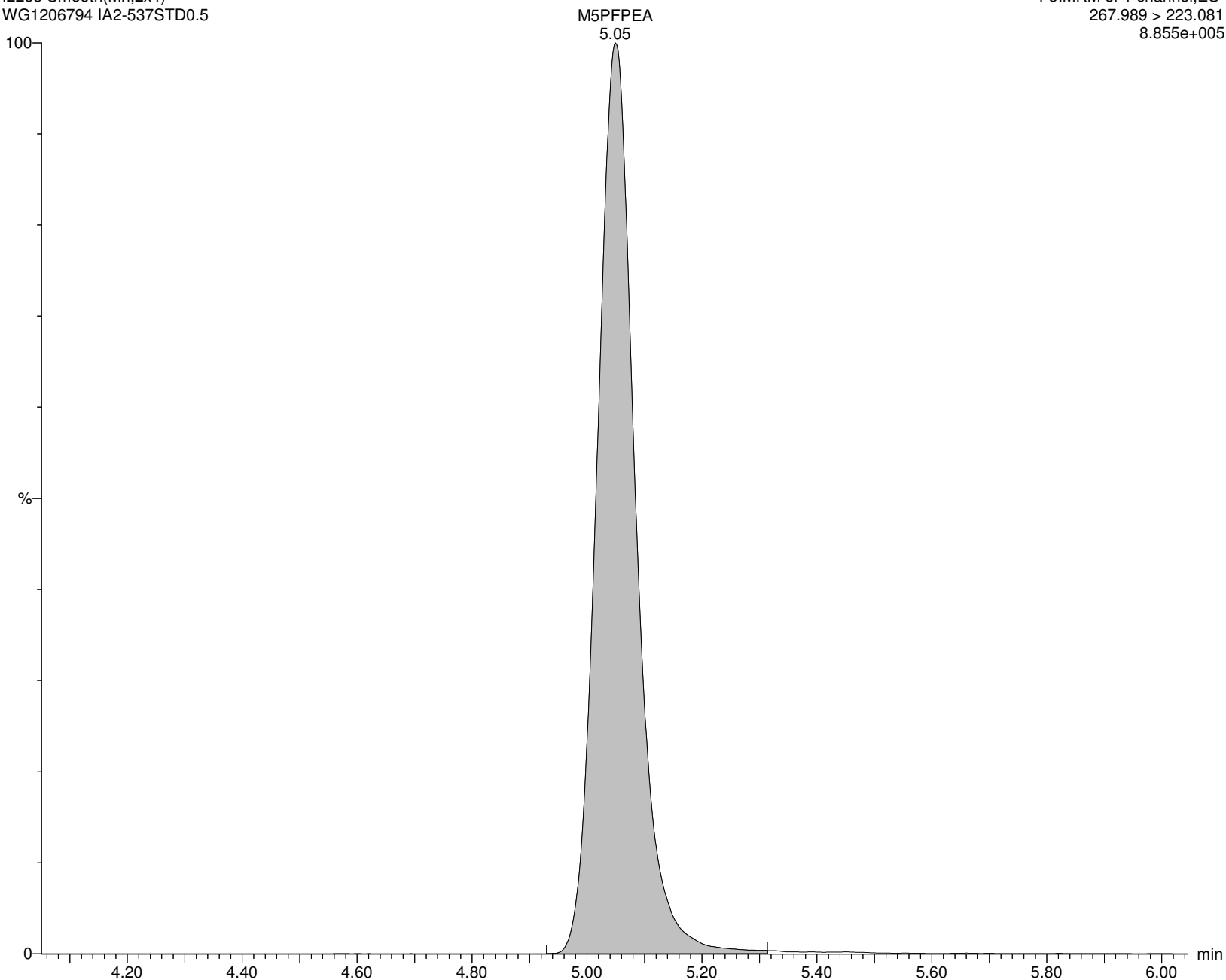
I2265 Smooth(Mn,2x4)

WG1206794 IA2-537STD0.5

F5:MRM of 1 channel,ES-

267.989 > 223.081

8.855e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBS

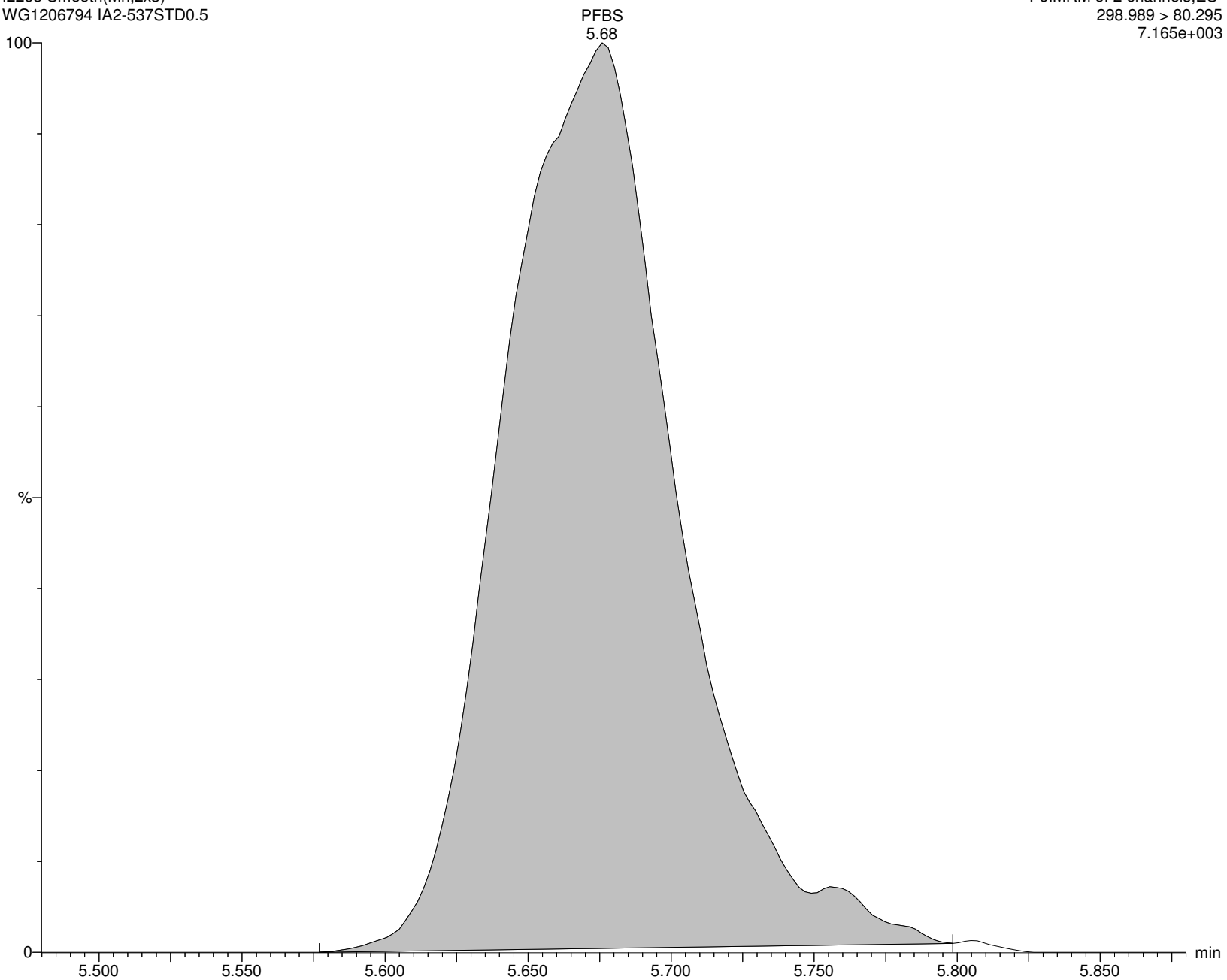
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F6:MRM of 2 channels,ES-

298.989 > 80.295

7.165e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBS

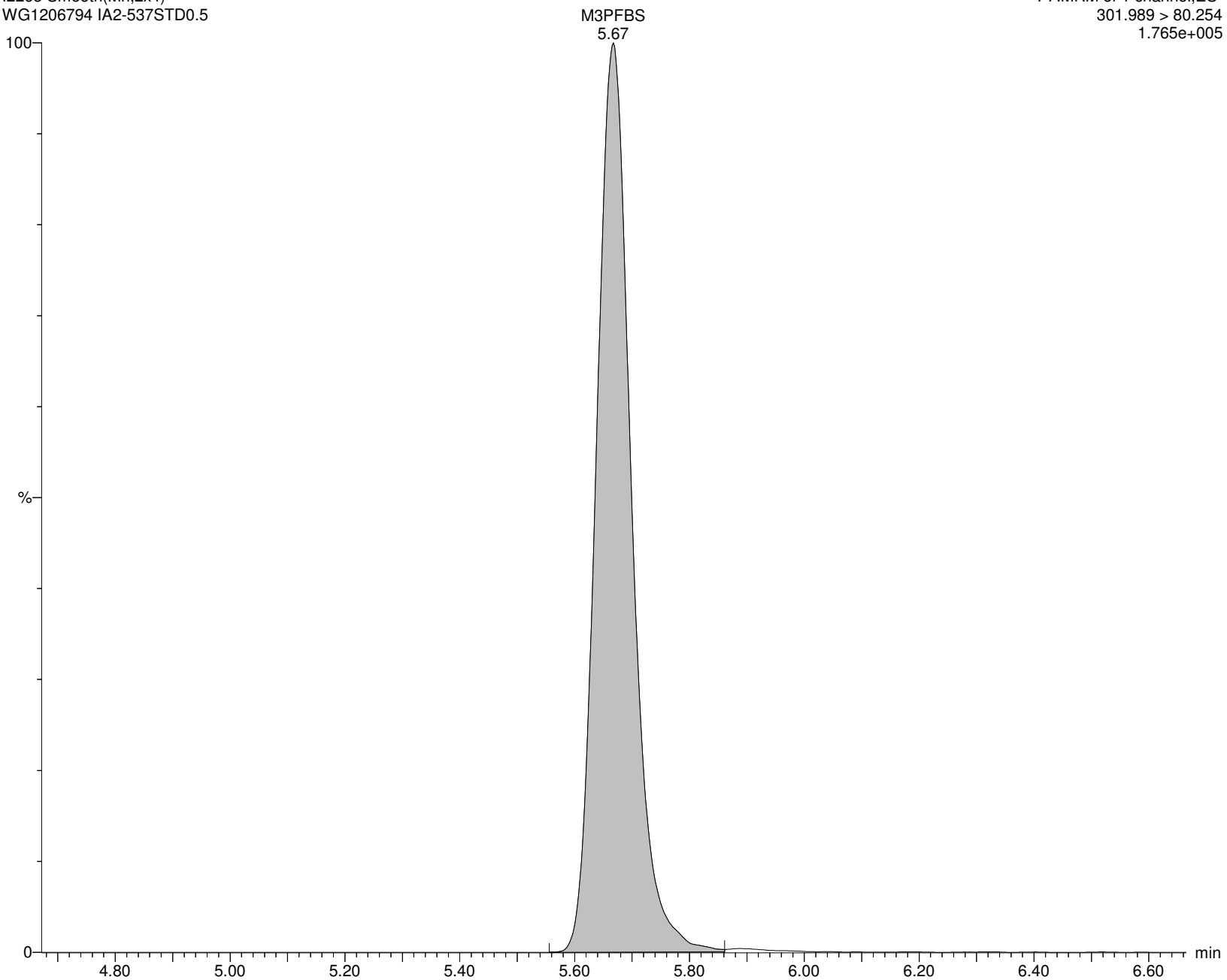
I2265 Smooth(Mn,2x4)

WG1206794 IA2-537STD0.5

F7:MRM of 1 channel,ES-

301.989 > 80.254

1.765e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

4:2FTS

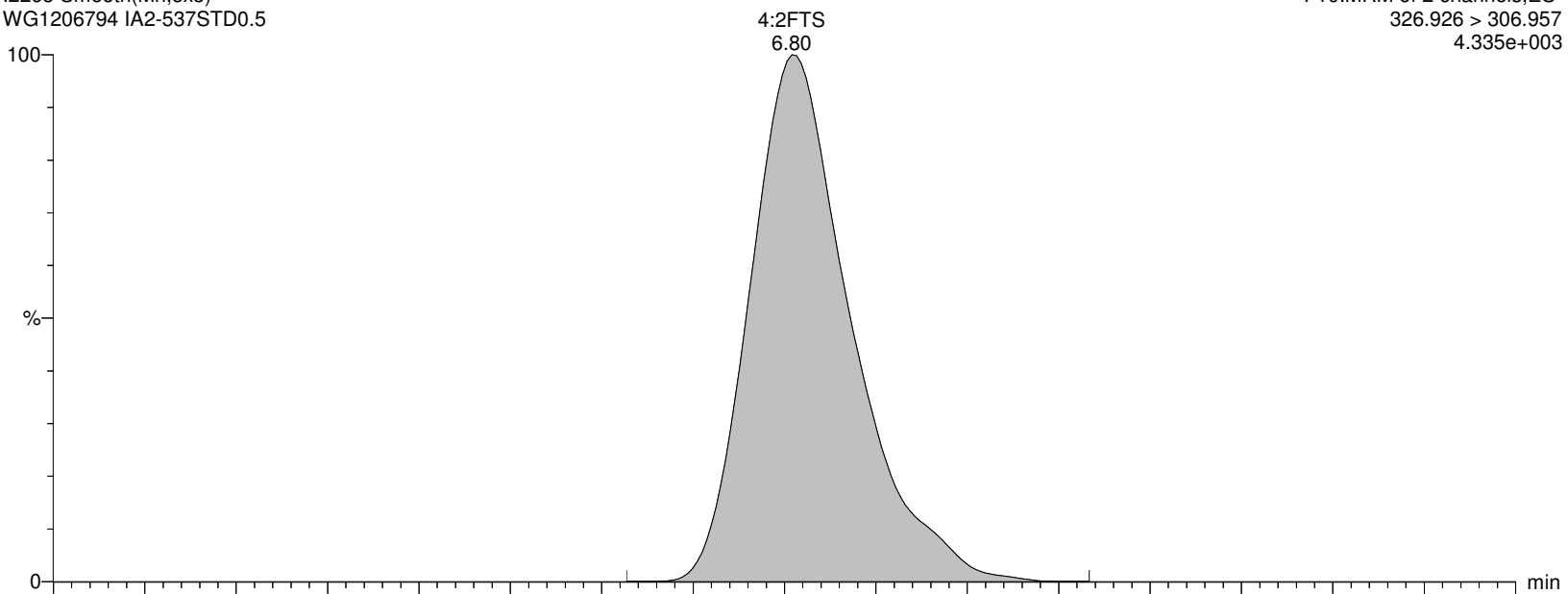
I2265 Smooth(Mn,5x3)

WG1206794 IA2-537STD0.5

F10:MRM of 2 channels,ES-

326.926 > 306.957

4.335e+003



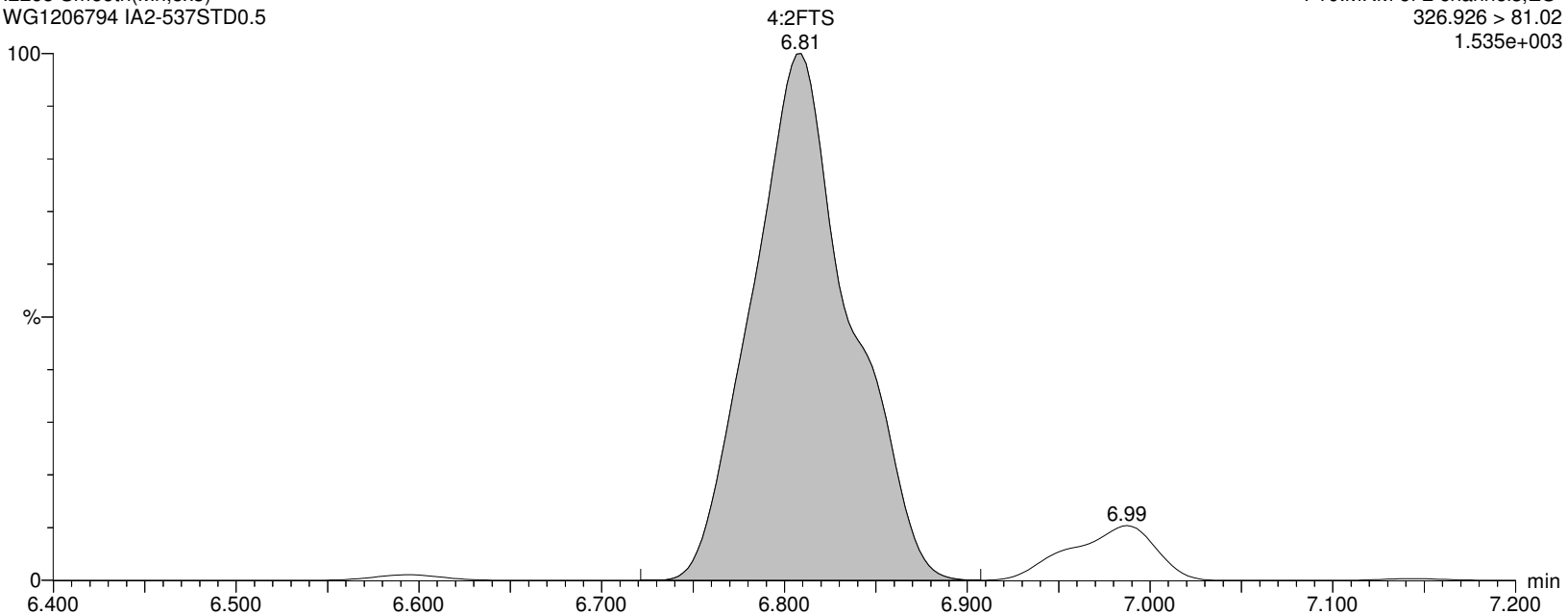
I2265 Smooth(Mn,5x3)

WG1206794 IA2-537STD0.5

F10:MRM of 2 channels,ES-

326.926 > 81.02

1.535e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-4:2FTS

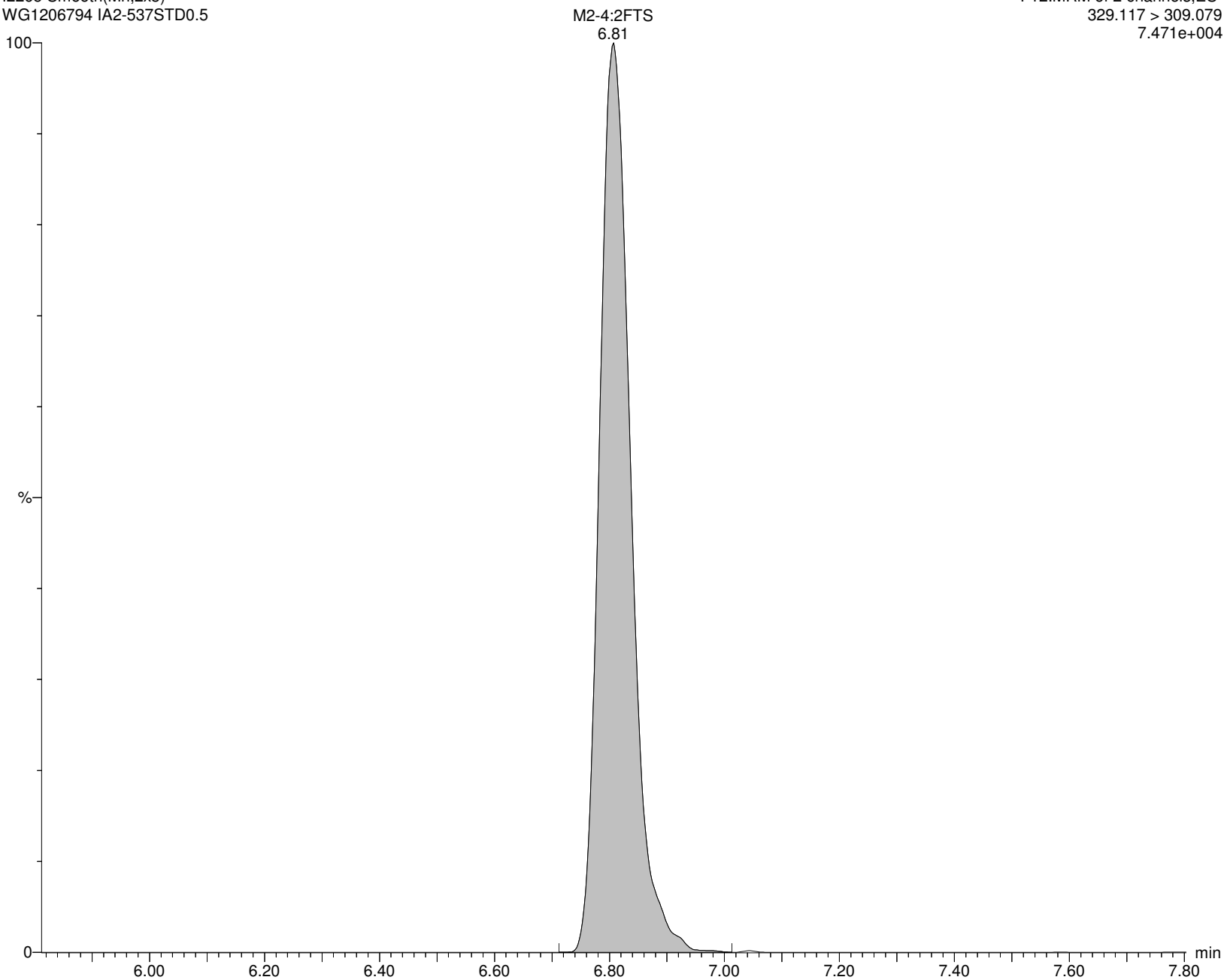
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F12:MRM of 2 channels,ES-

329.117 > 309.079

7.471e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxA

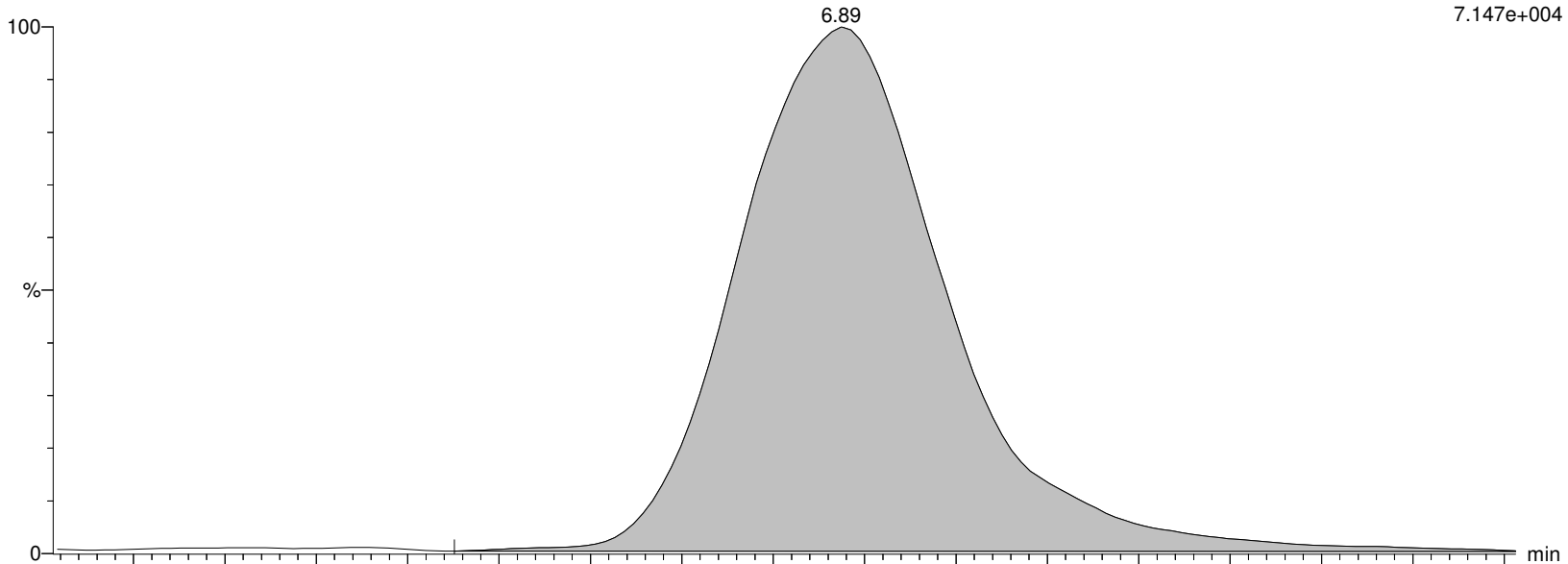
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F8:MRM of 2 channels,ES-

312.989 > 269.028

7.147e+004



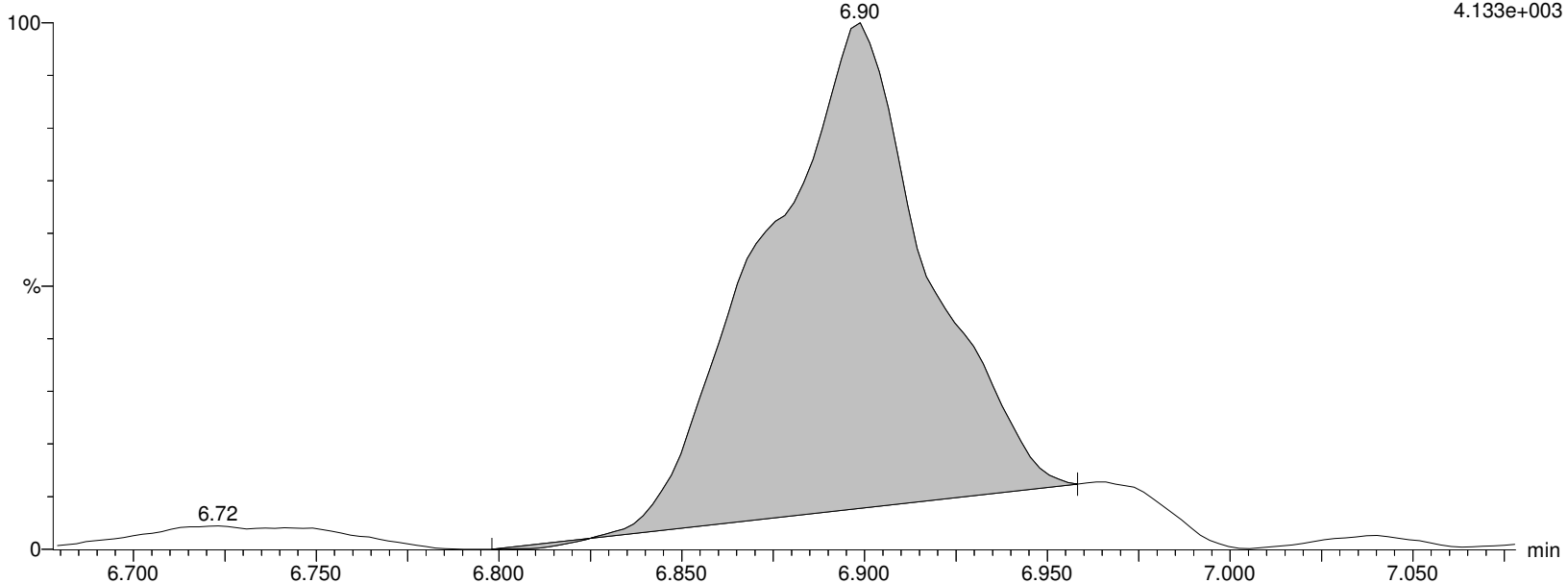
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F8:MRM of 2 channels,ES-

312.989 > 119.18

4.133e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFHxA

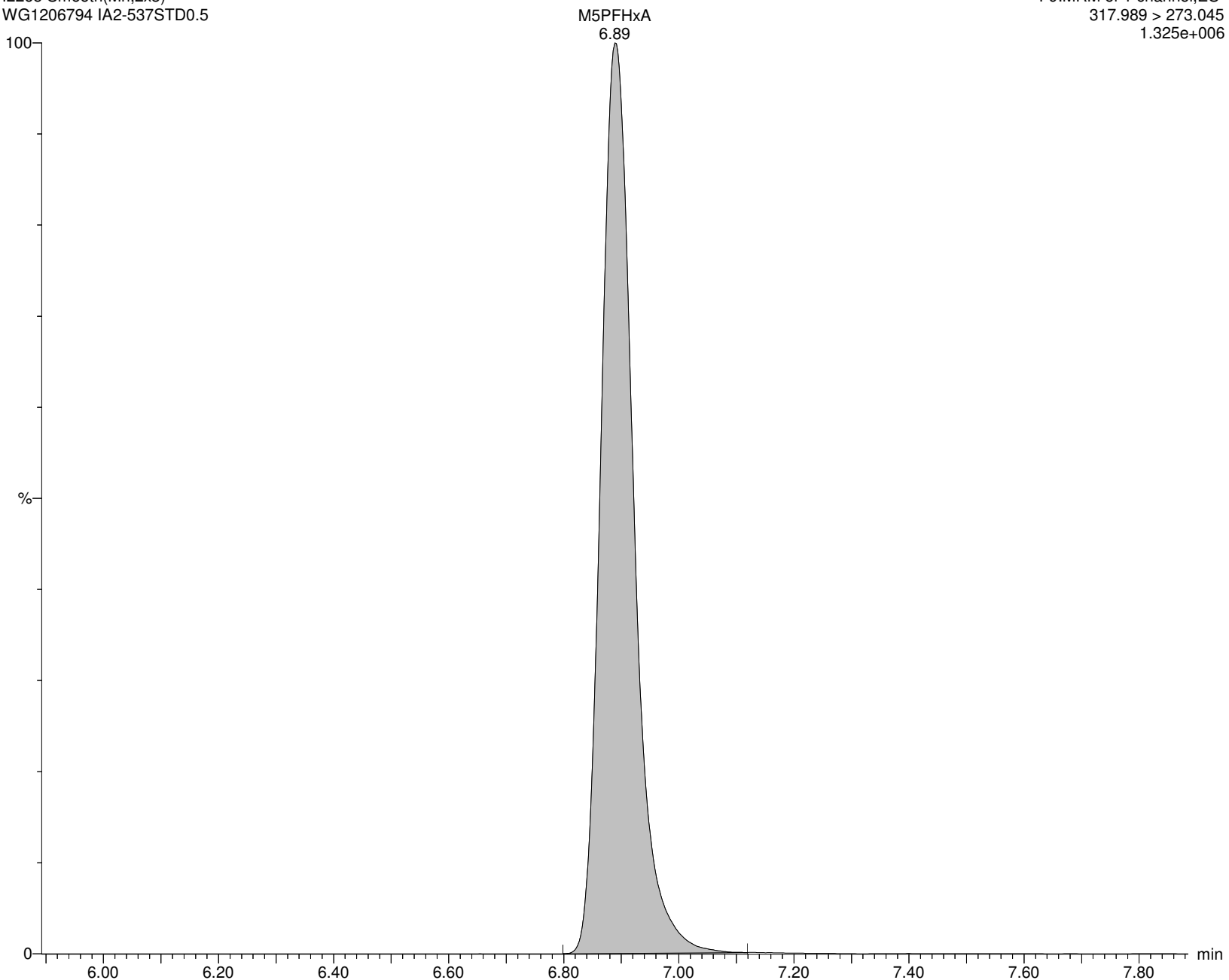
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F9:MRM of 1 channel,ES-

317.989 > 273.045

1.325e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeS

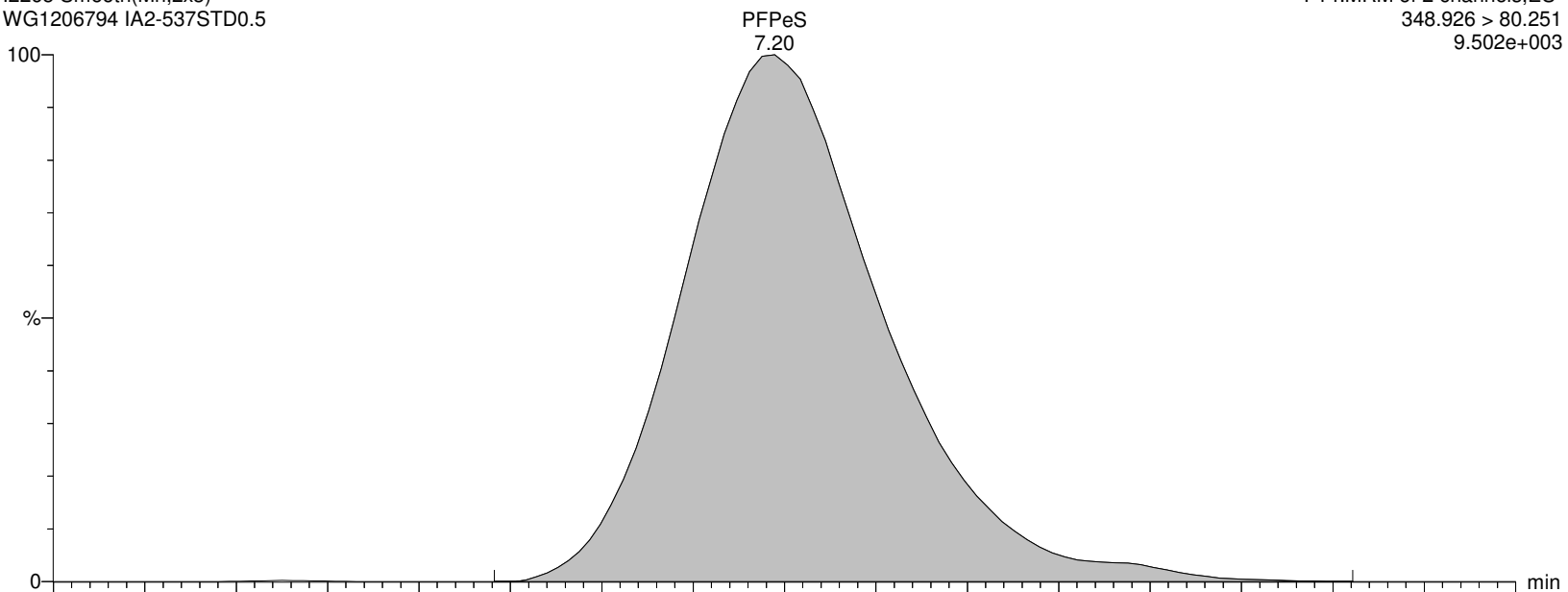
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F14:MRM of 2 channels,ES-

348.926 > 80.251

9.502e+003



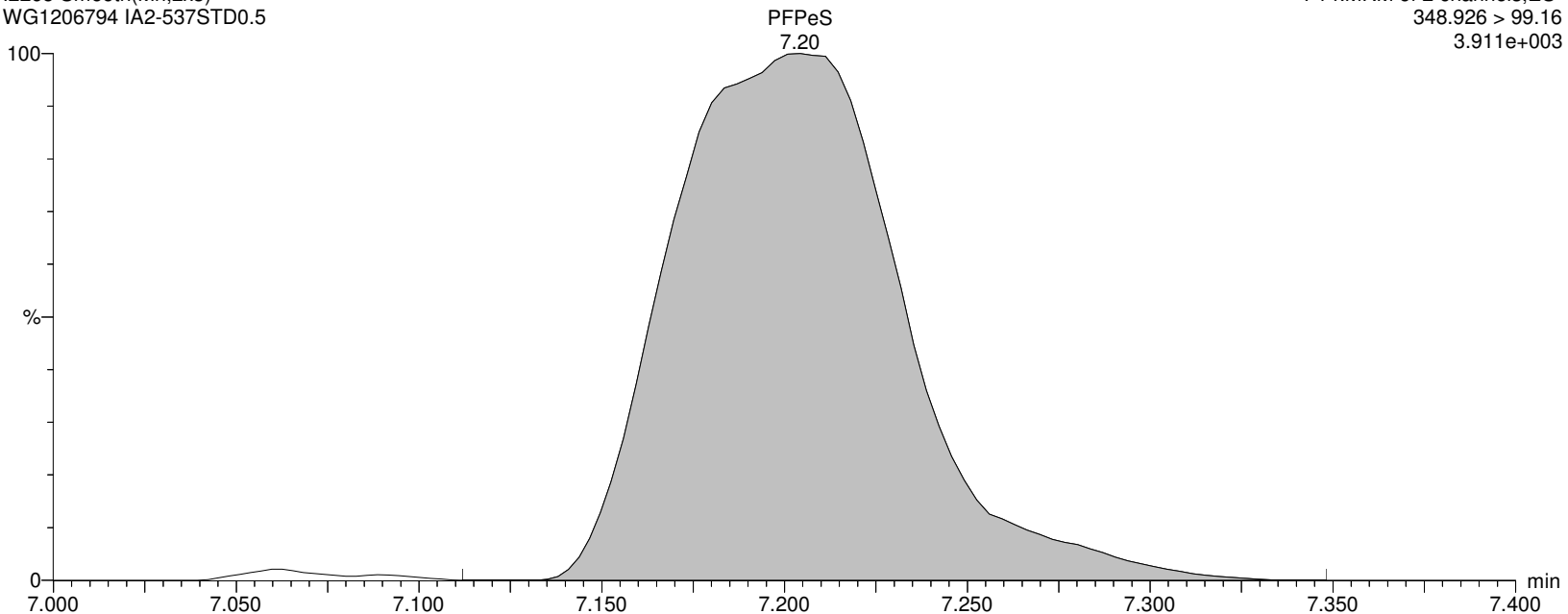
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F14:MRM of 2 channels,ES-

348.926 > 99.16

3.911e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpA

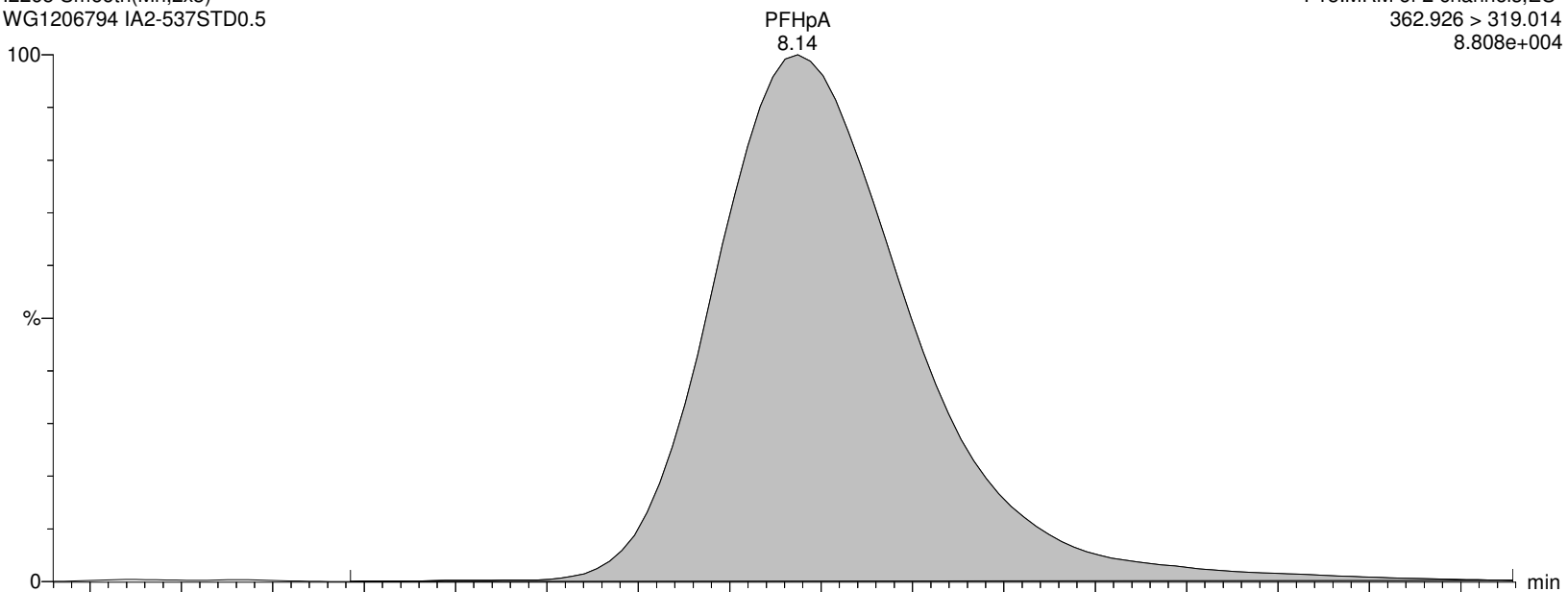
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F15:MRM of 2 channels,ES-

362.926 > 319.014

8.808e+004



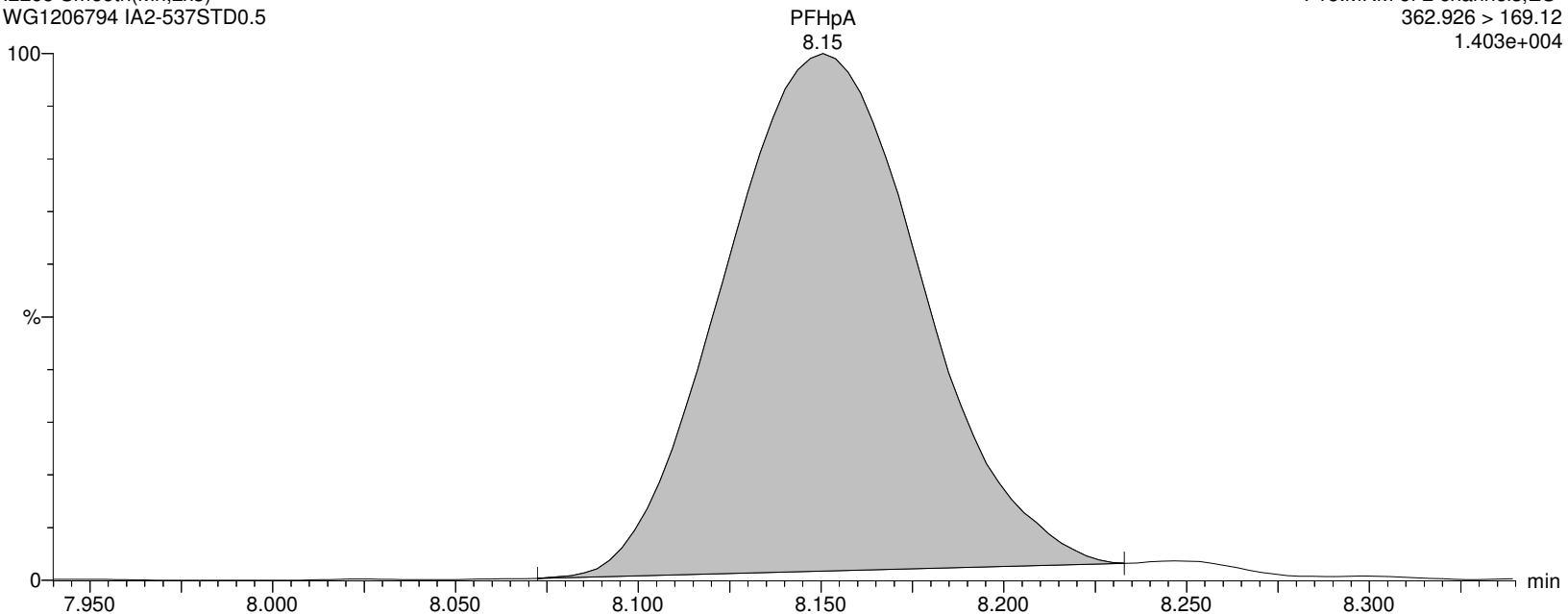
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F15:MRM of 2 channels,ES-

362.926 > 169.12

1.403e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFHpA

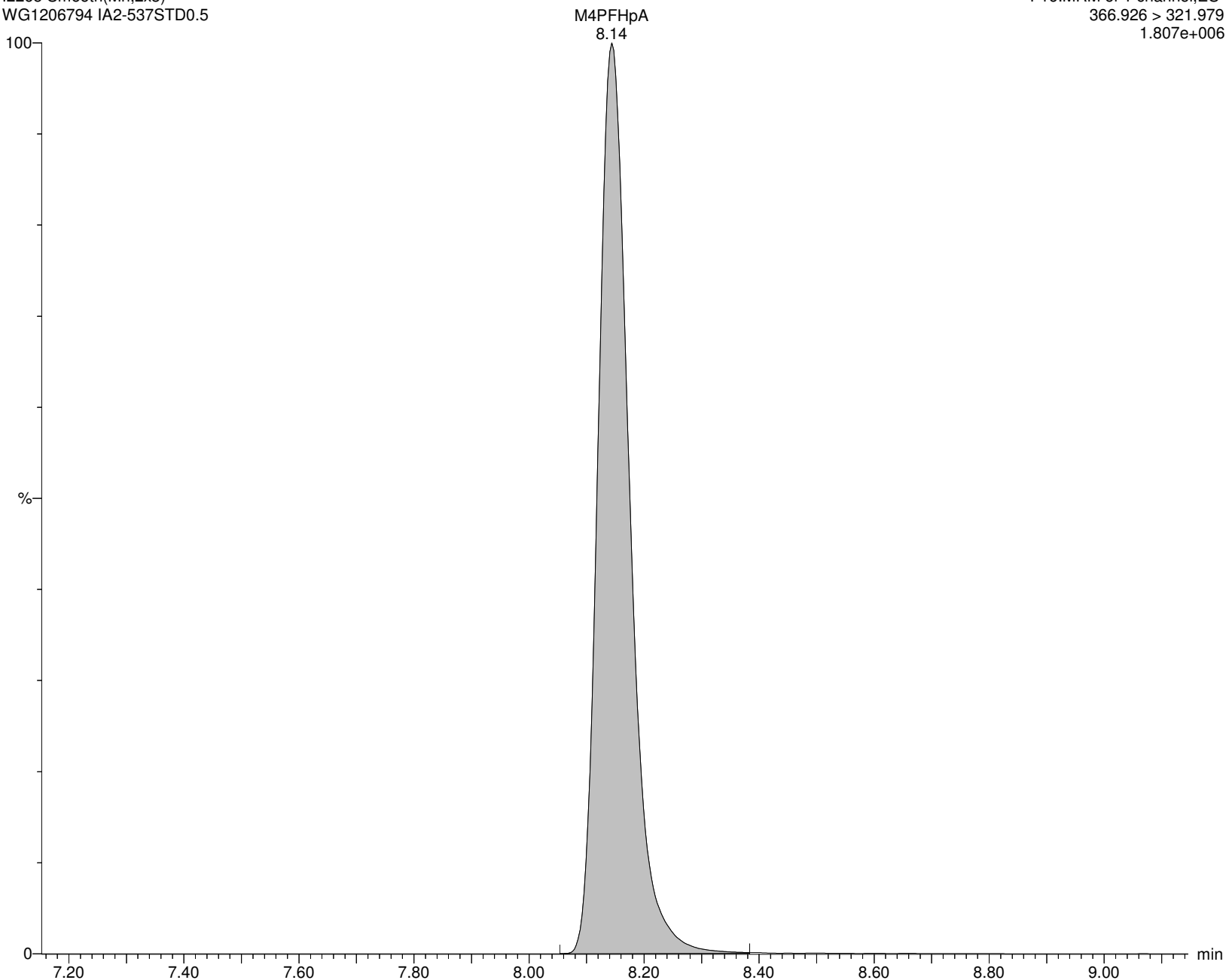
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F16:MRM of 1 channel,ES-

366.926 > 321.979

1.807e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFHxS

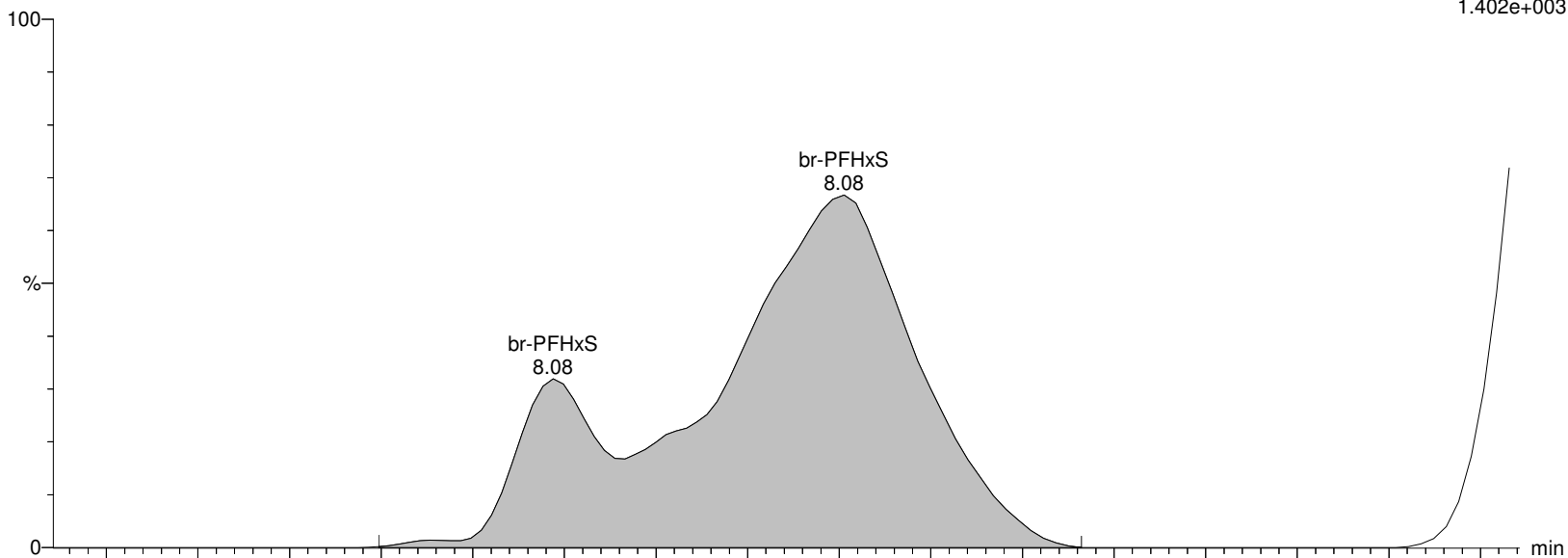
I2265 Smooth(Mn,3x2)

WG1206794 IA2-537STD0.5

F18:MRM of 2 channels,ES-

398.926 > 80.295

1.402e+003



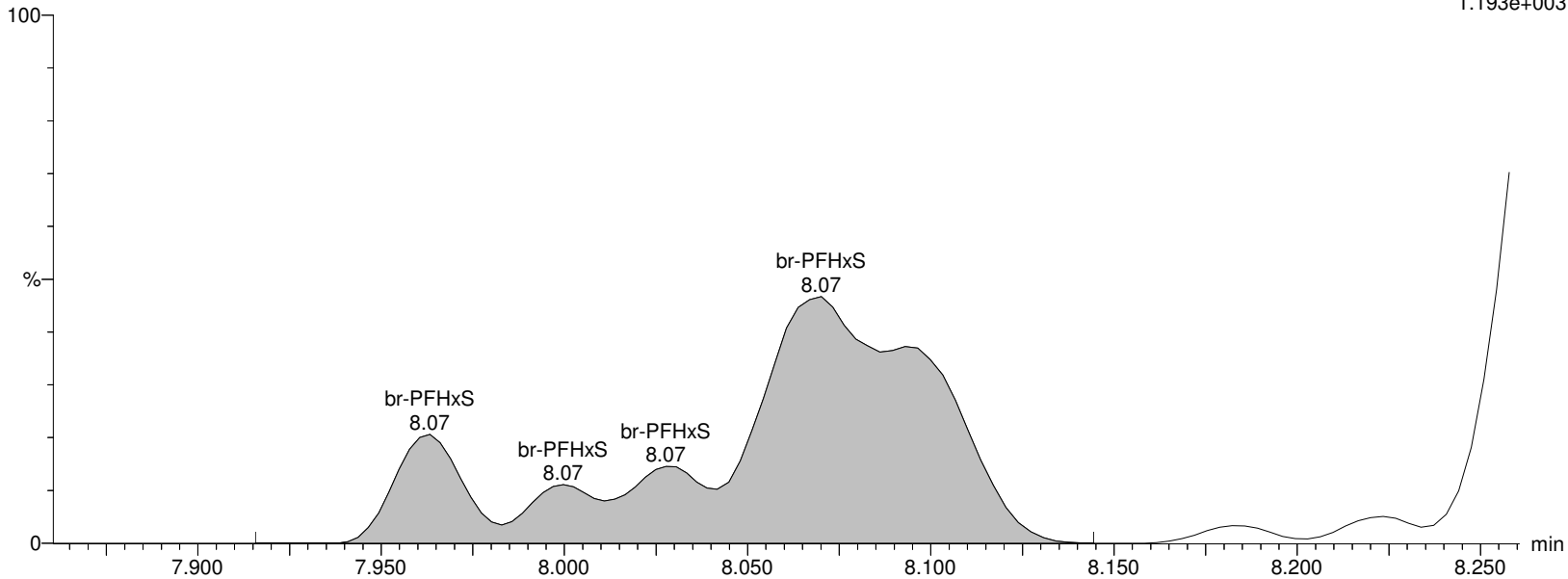
I2265 Smooth(Mn,3x2)

WG1206794 IA2-537STD0.5

F18:MRM of 2 channels,ES-

398.926 > 99.2

1.193e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFHxS

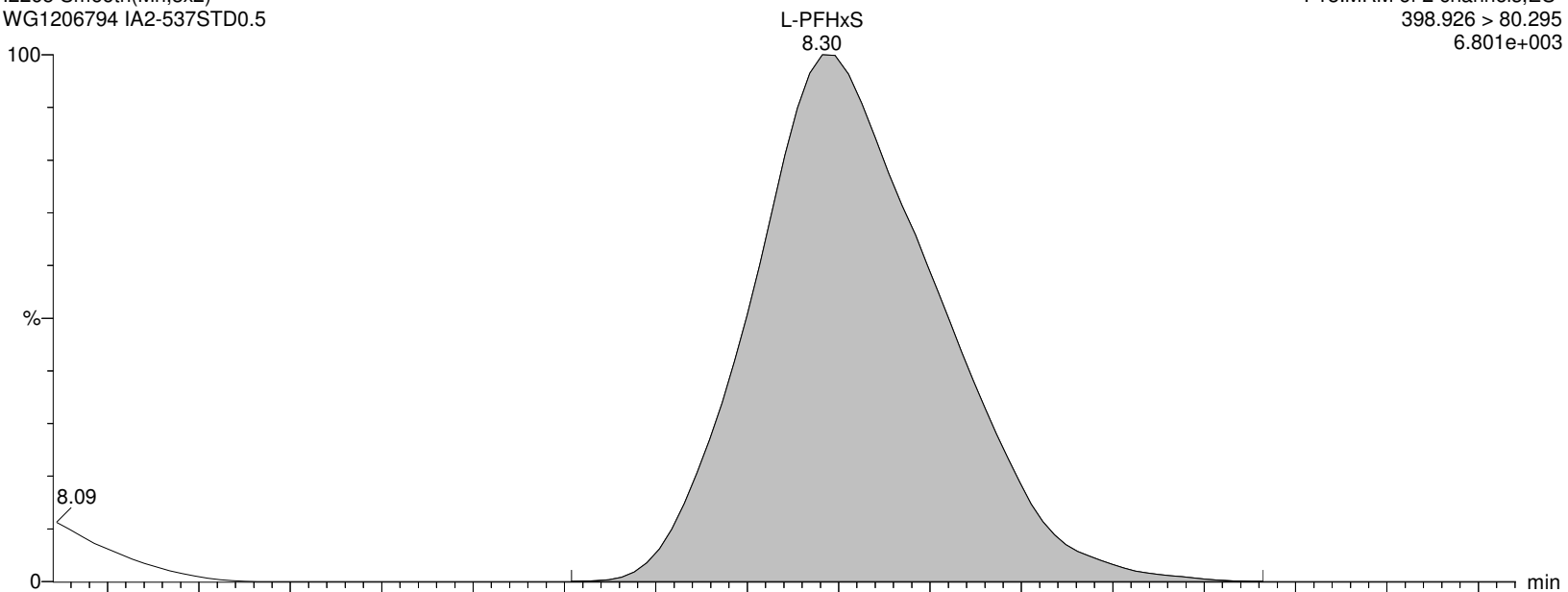
I2265 Smooth(Mn,3x2)

WG1206794 IA2-537STD0.5

F18:MRM of 2 channels,ES-

398.926 > 80.295

6.801e+003



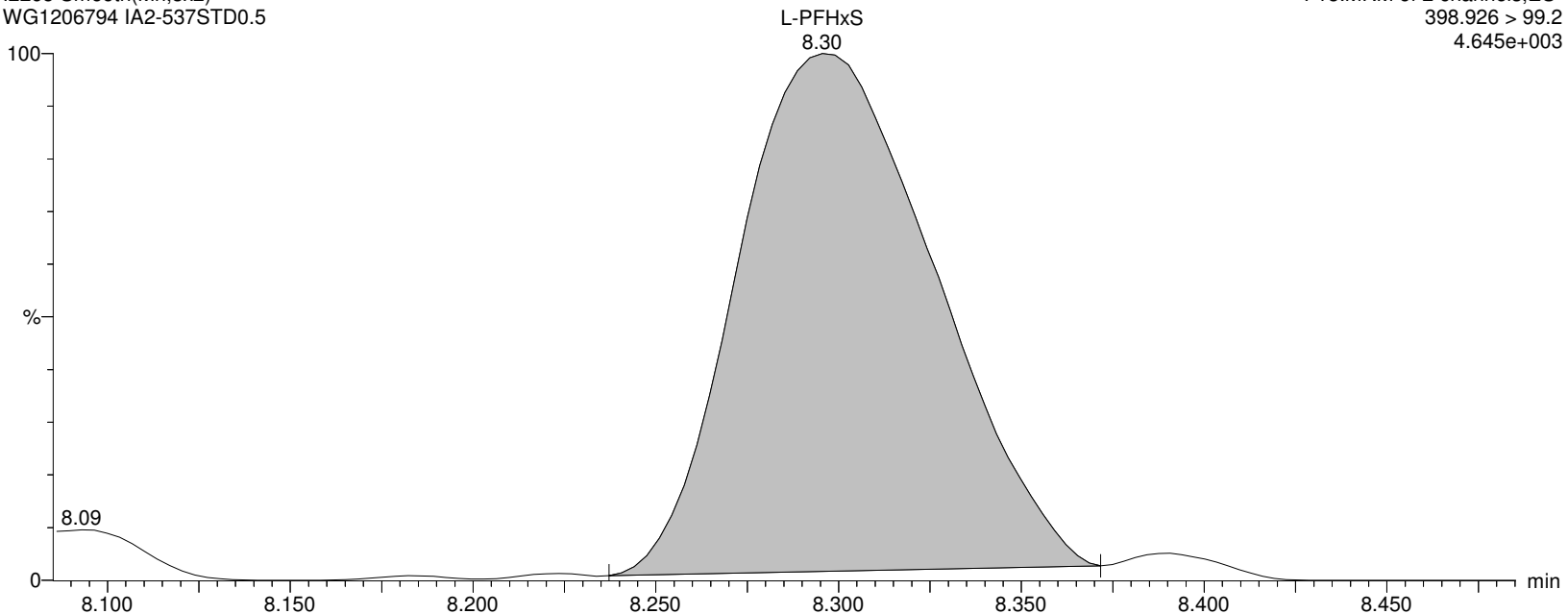
I2265 Smooth(Mn,3x2)

WG1206794 IA2-537STD0.5

F18:MRM of 2 channels,ES-

398.926 > 99.2

4.645e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxS

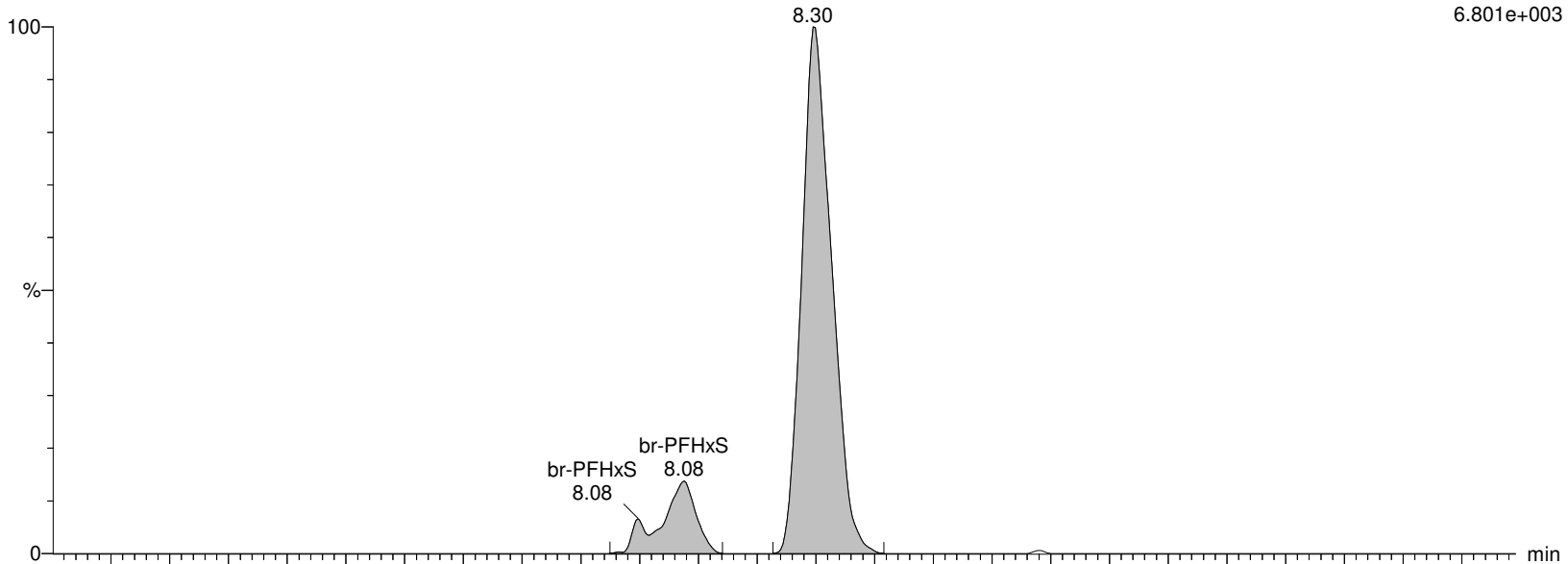
I2265 Smooth(Mn,3x2)

WG1206794 IA2-537STD0.5

F18:MRM of 2 channels,ES-

398.926 > 80.295

6.801e+003



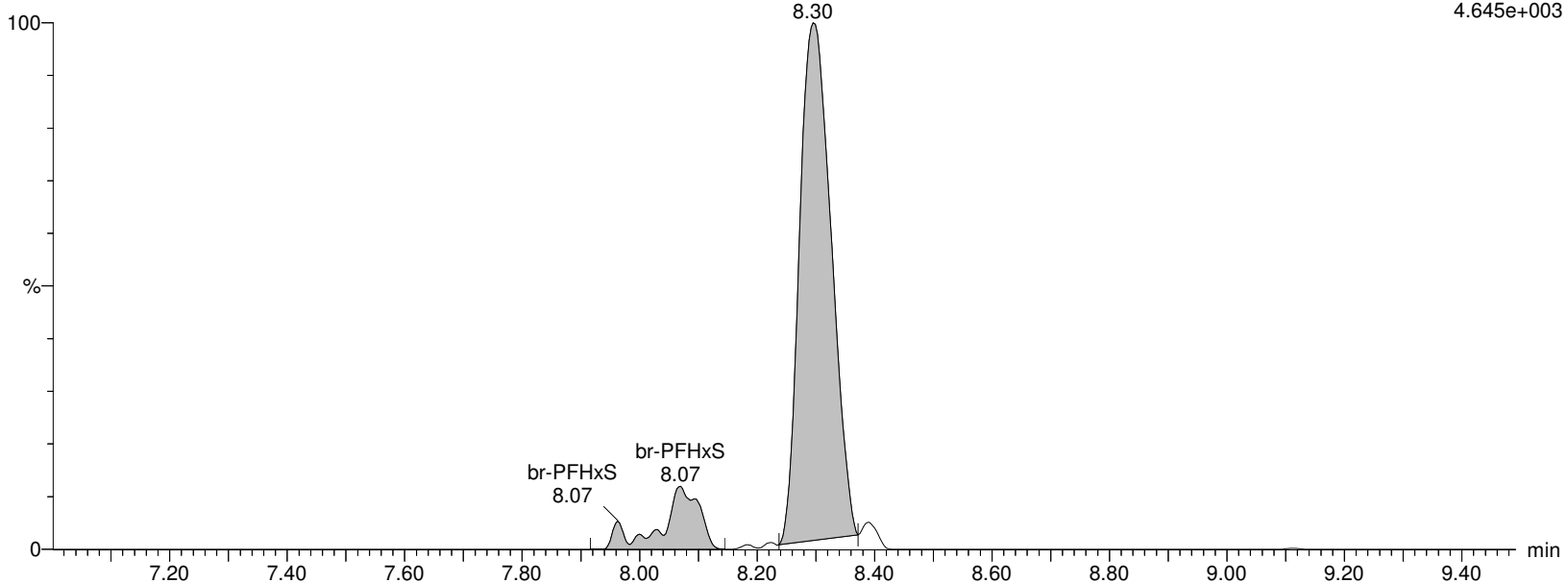
I2265 Smooth(Mn,3x2)

WG1206794 IA2-537STD0.5

F18:MRM of 2 channels,ES-

398.926 > 99.2

4.645e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFHxS

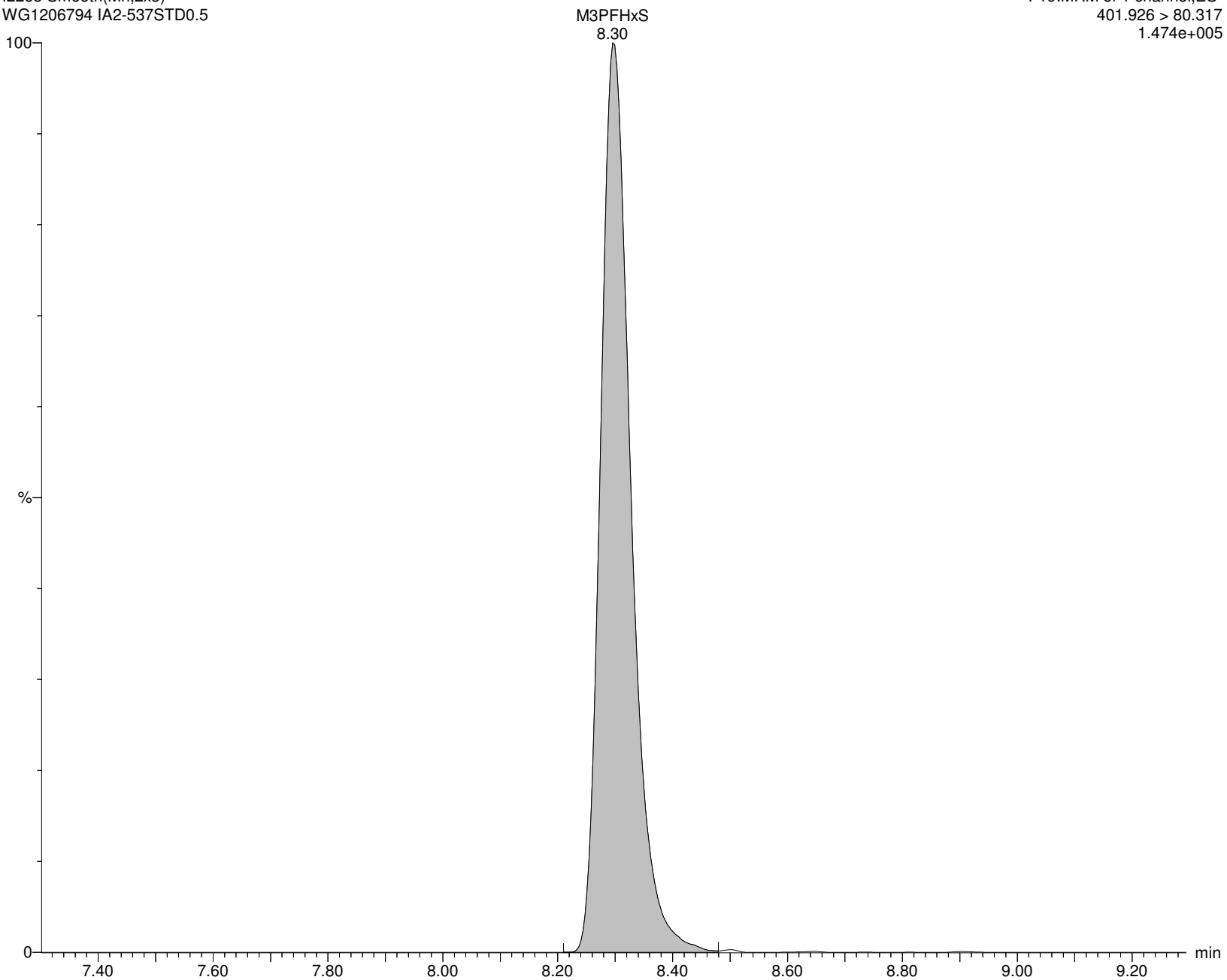
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F19:MRM of 1 channel,ES-

401.926 > 80.317

1.474e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOA

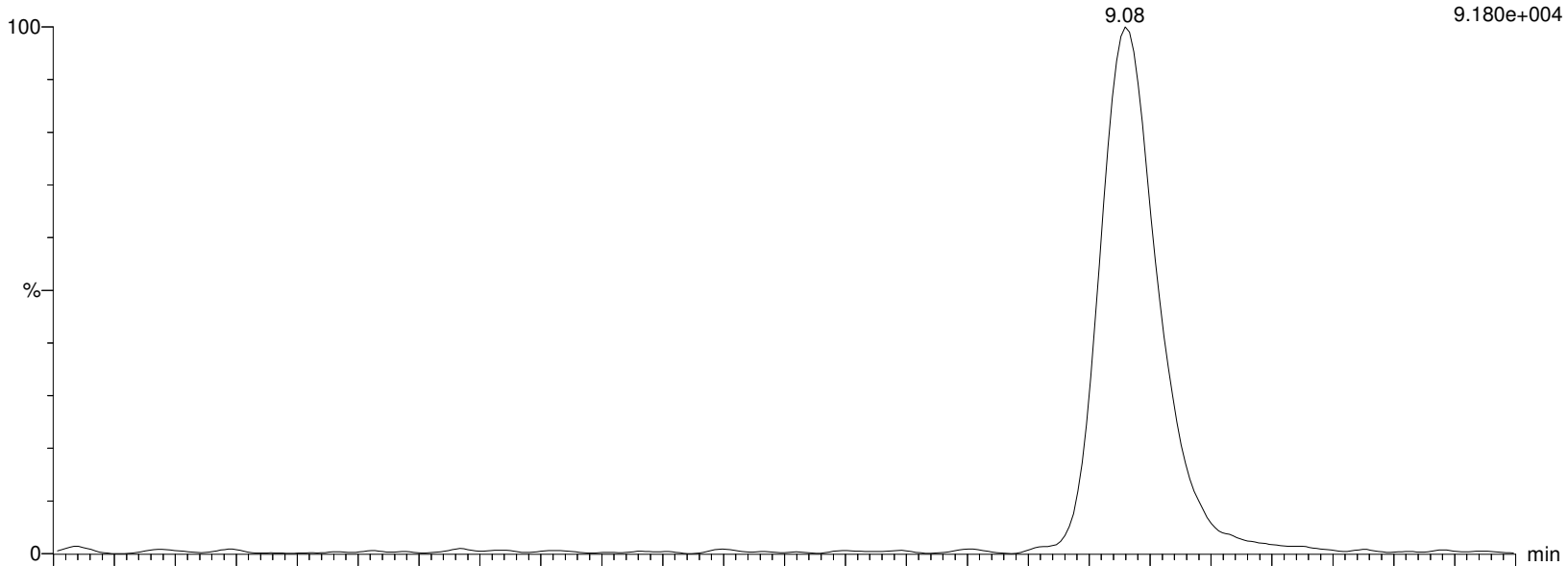
I2265 Smooth(Mn,2x2)

WG1206794 IA2-537STD0.5

F20:MRM of 2 channels,ES-

412.989 > 368.9

9.180e+004



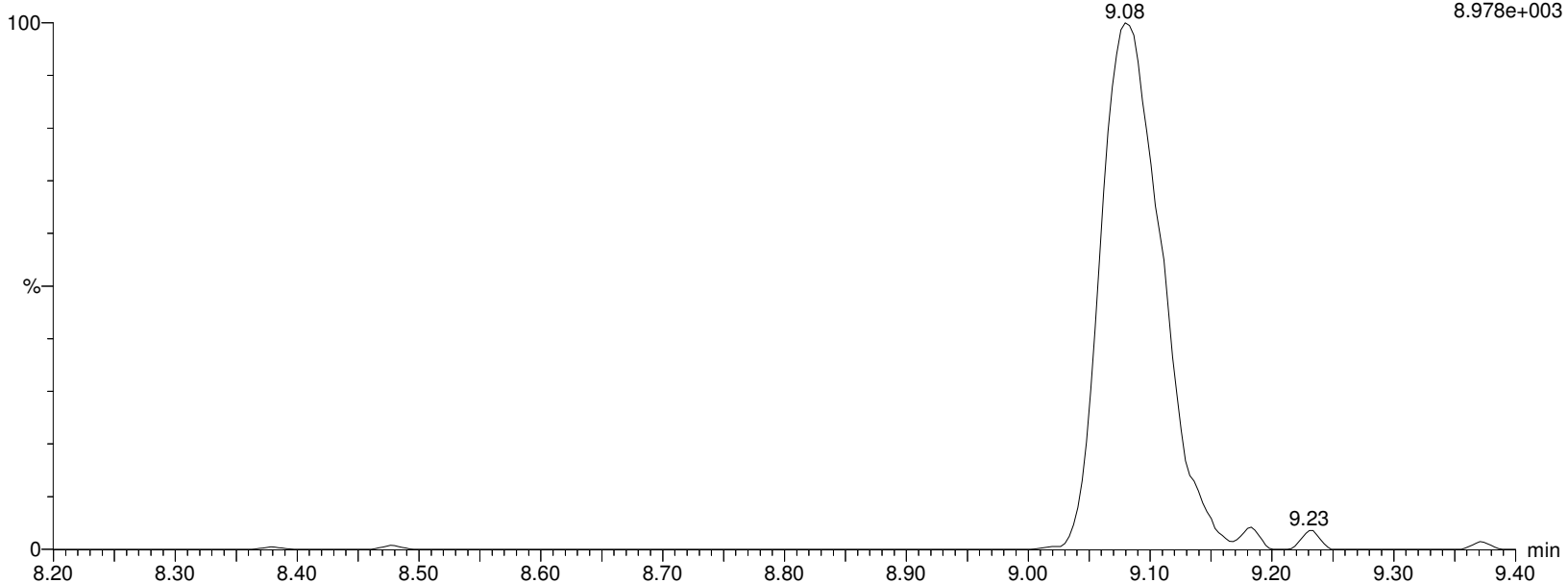
I2265 Smooth(Mn,2x2)

WG1206794 IA2-537STD0.5

F20:MRM of 2 channels,ES-

412.989 > 219.08

8.978e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOA

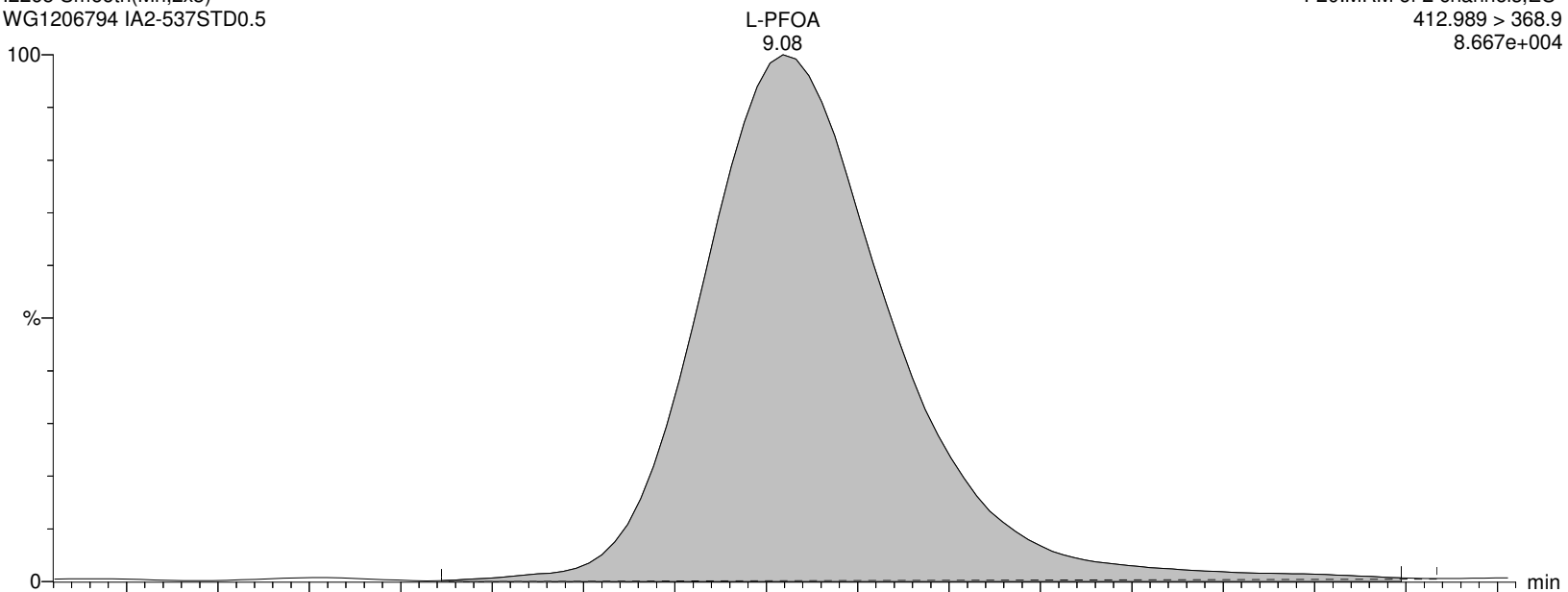
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F20:MRM of 2 channels,ES-

412.989 > 368.9

8.667e+004



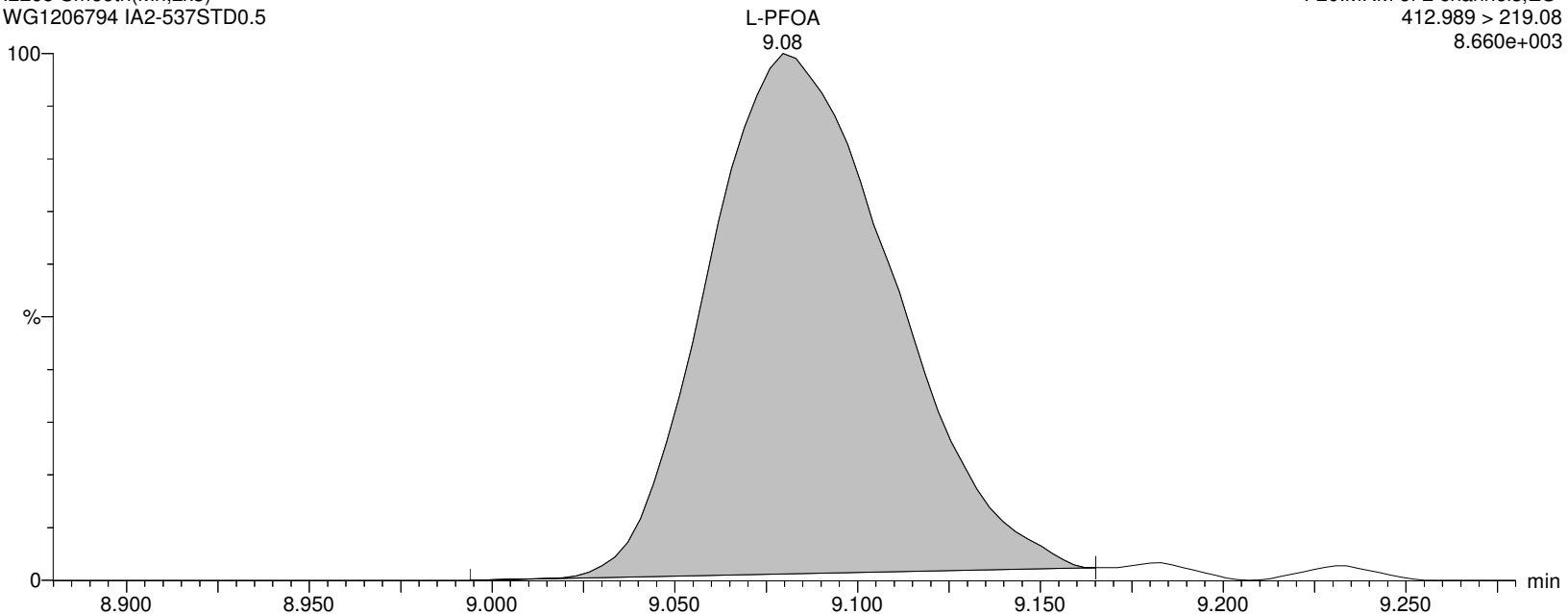
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F20:MRM of 2 channels,ES-

412.989 > 219.08

8.660e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFOA

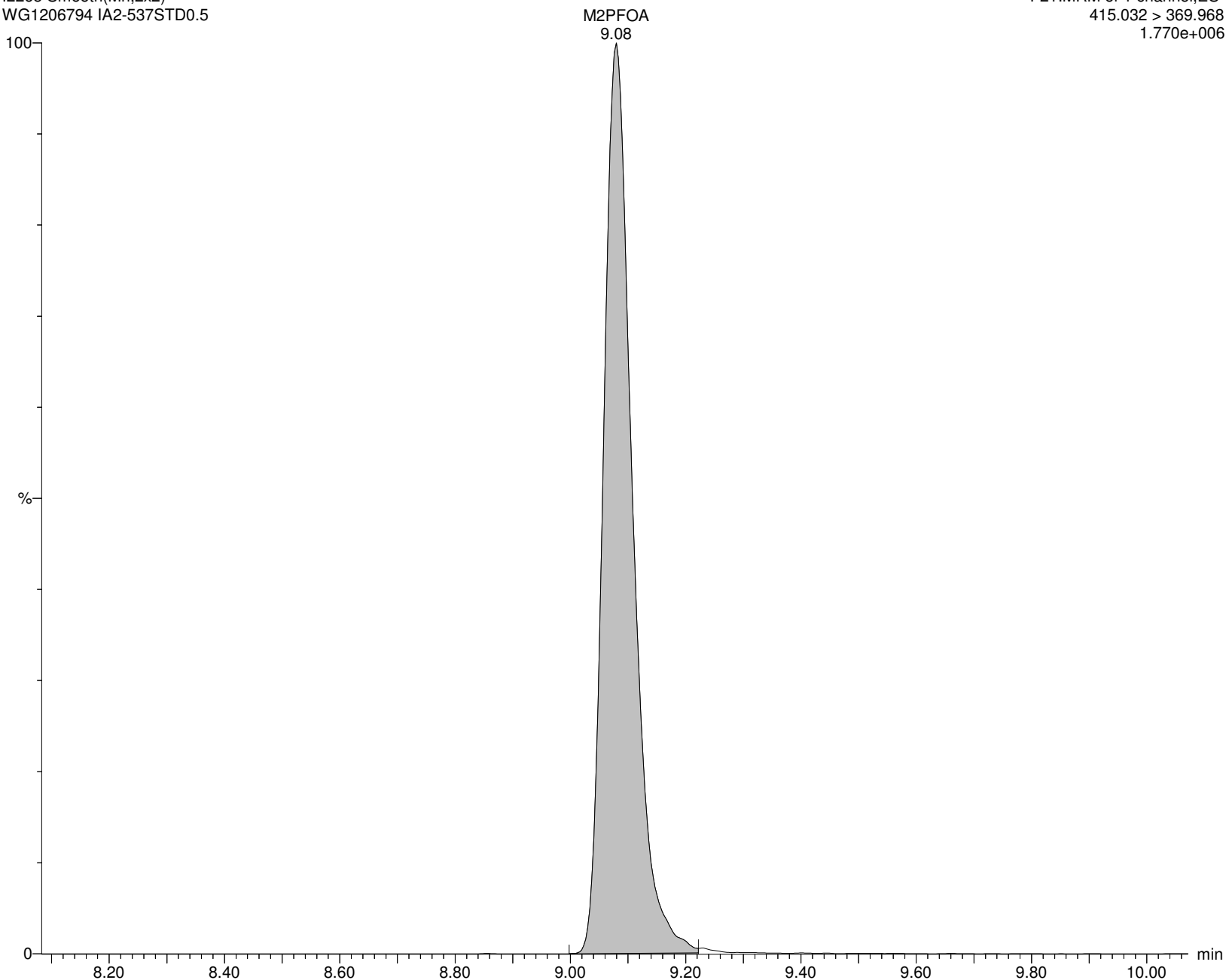
I2265 Smooth(Mn,2x2)

WG1206794 IA2-537STD0.5

F21:MRM of 1 channel,ES-

415.032 > 369.968

1.770e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOA

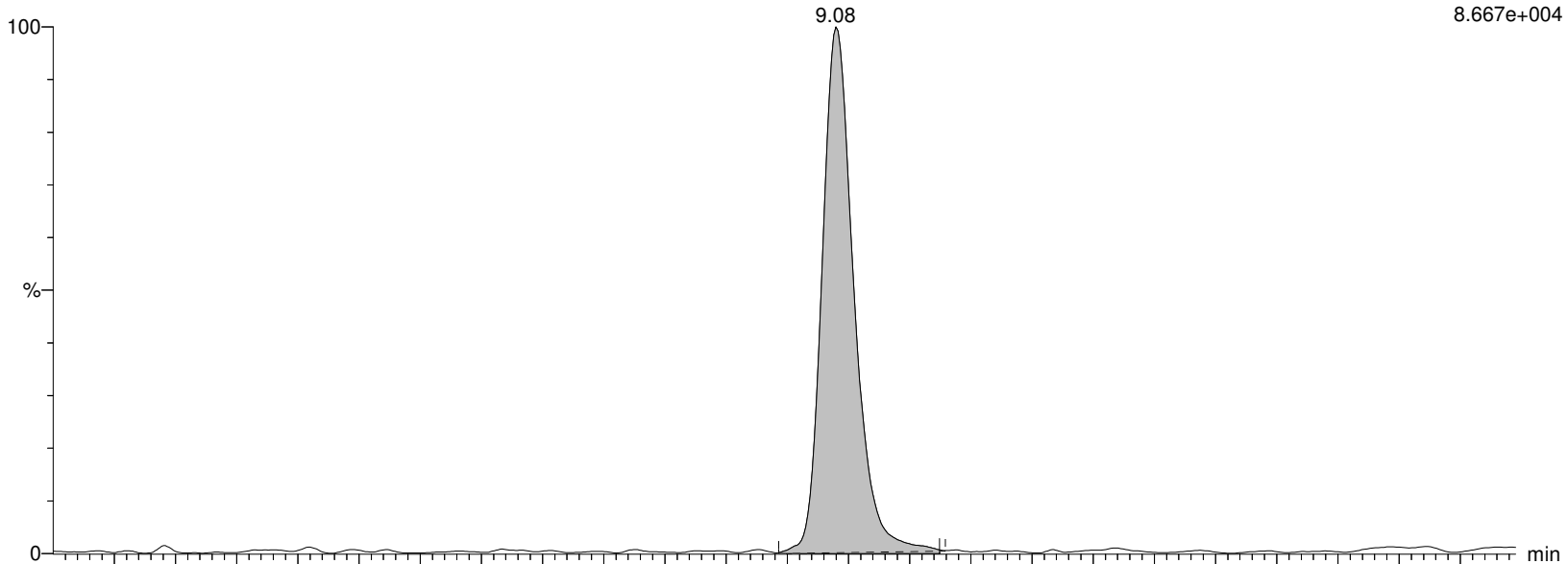
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F20:MRM of 2 channels,ES-

412.989 > 368.9

8.667e+004



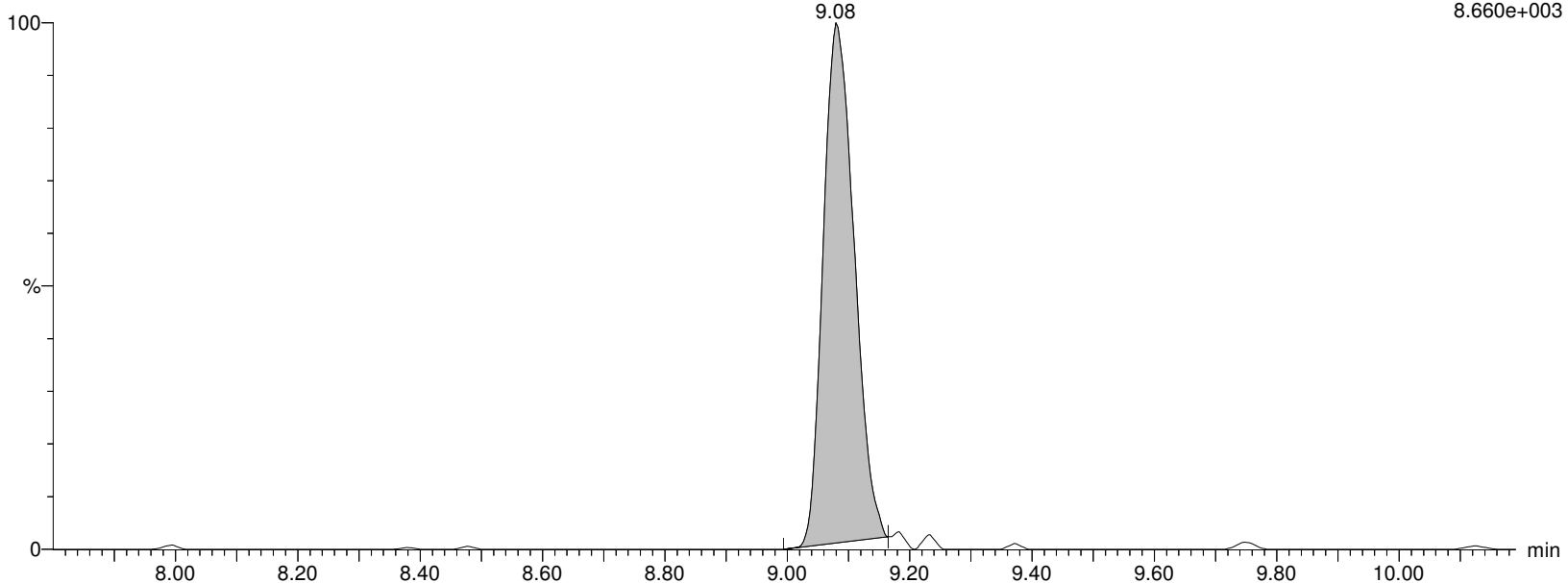
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F20:MRM of 2 channels,ES-

412.989 > 219.08

8.660e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOA

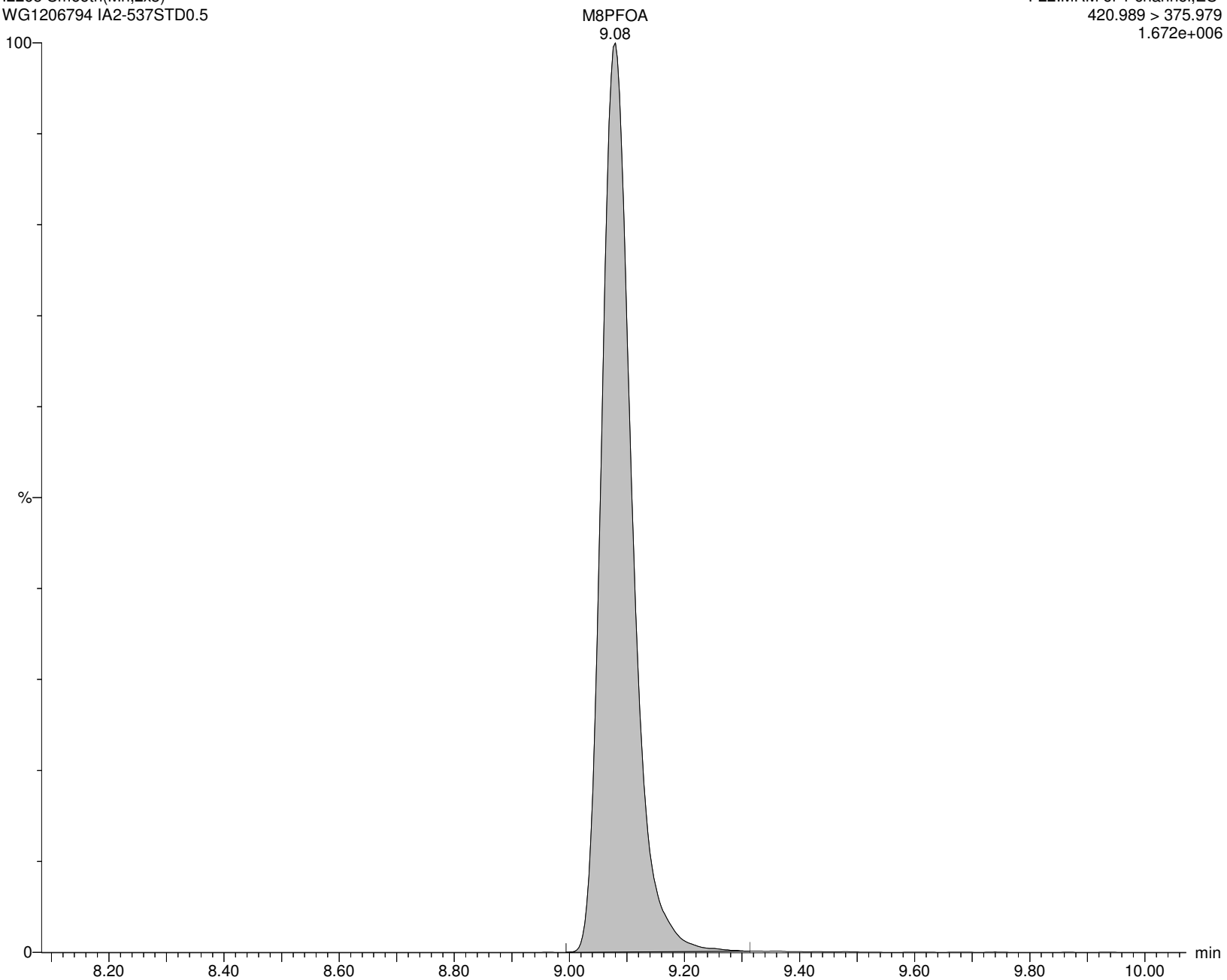
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F22:MRM of 1 channel,ES-

420.989 > 375.979

1.672e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

6:2FTS

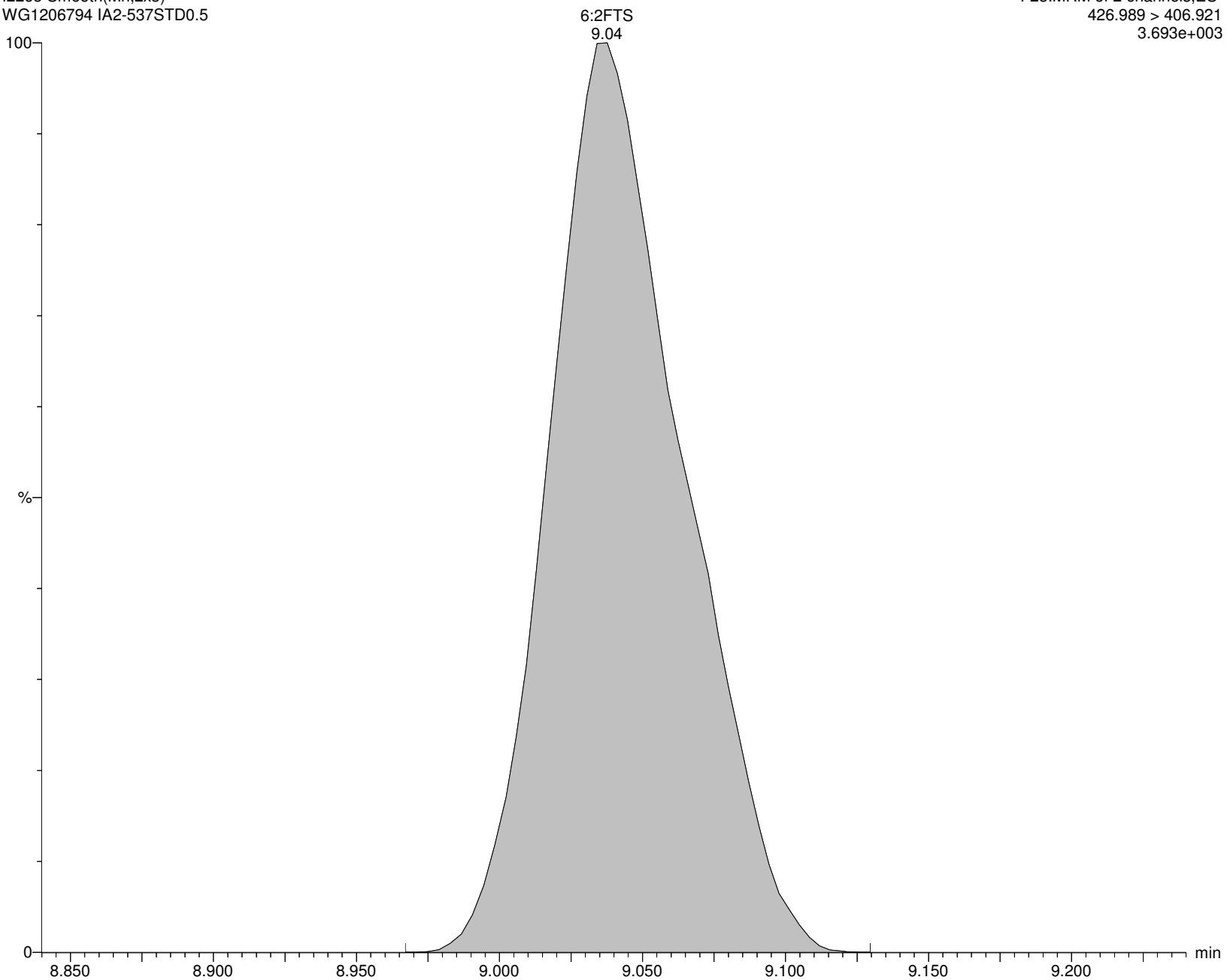
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F23:MRM of 2 channels,ES-

426.989 > 406.921

3.693e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-6:2FTS

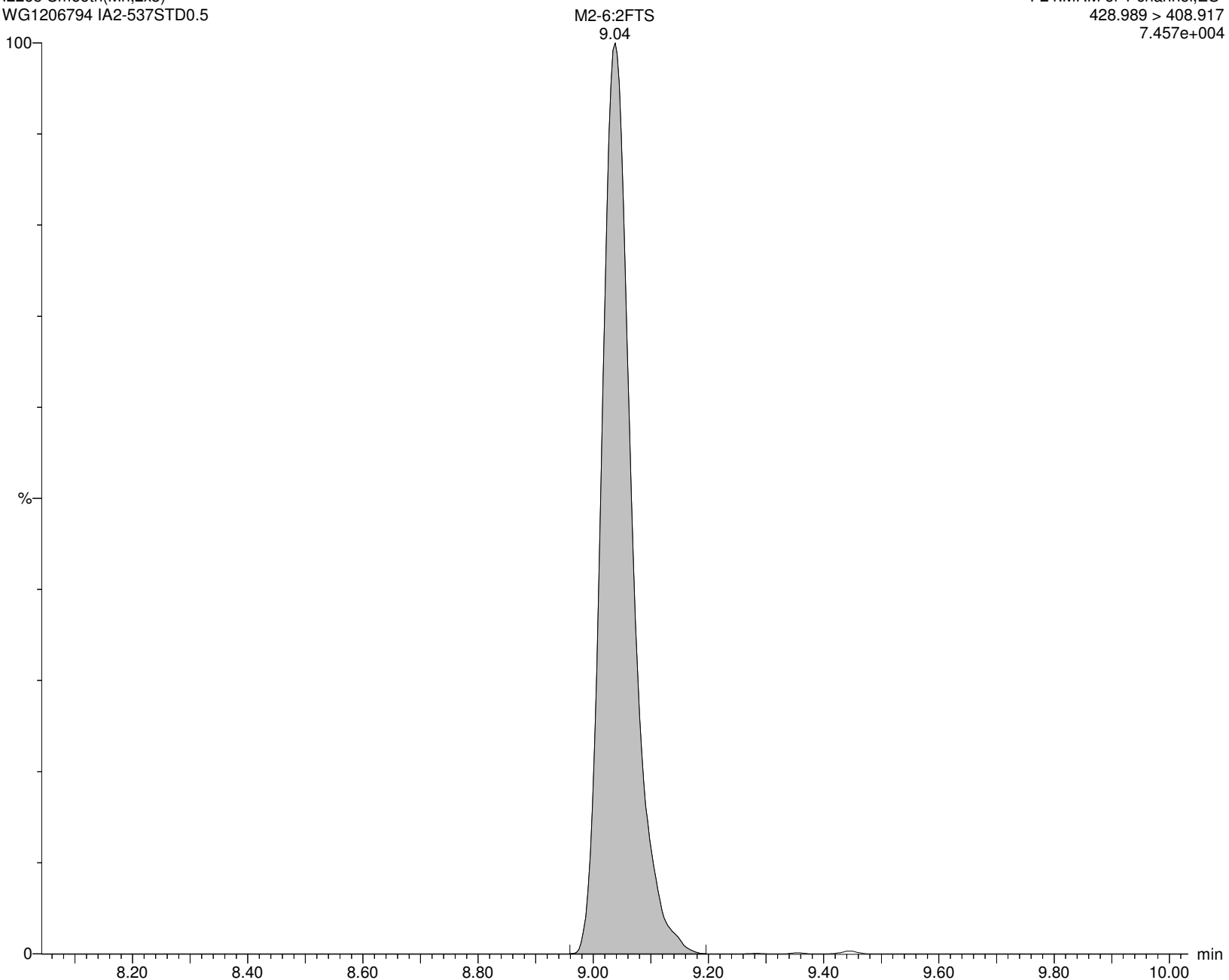
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F24:MRM of 1 channel,ES-

428.989 > 408.917

7.457e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpS

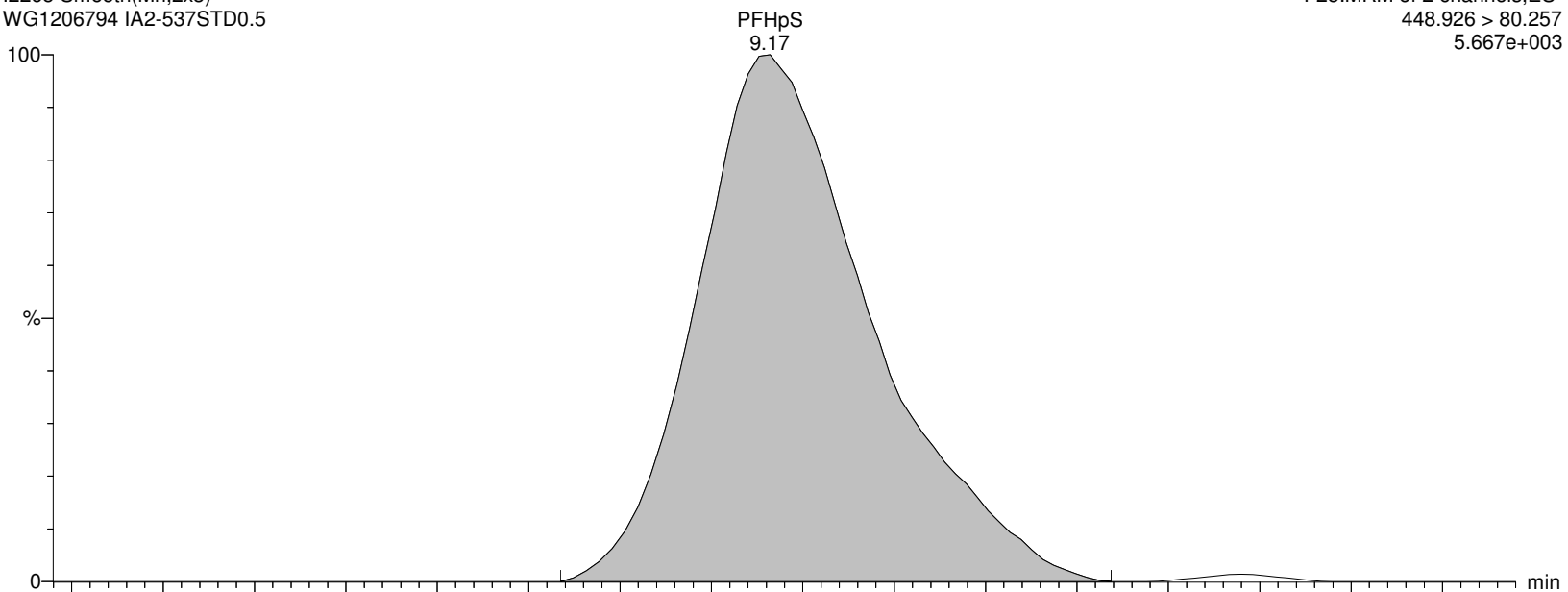
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F25:MRM of 2 channels,ES-

448.926 > 80.257

5.667e+003



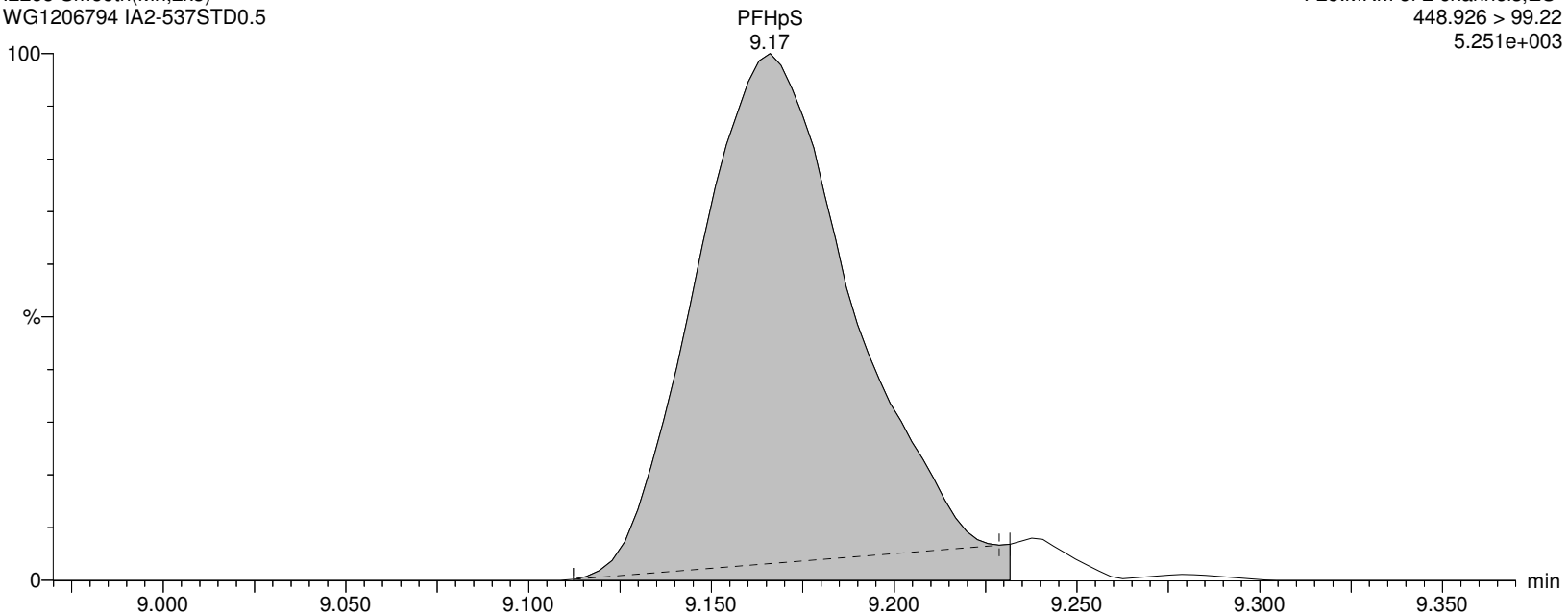
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F25:MRM of 2 channels,ES-

448.926 > 99.22

5.251e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNA

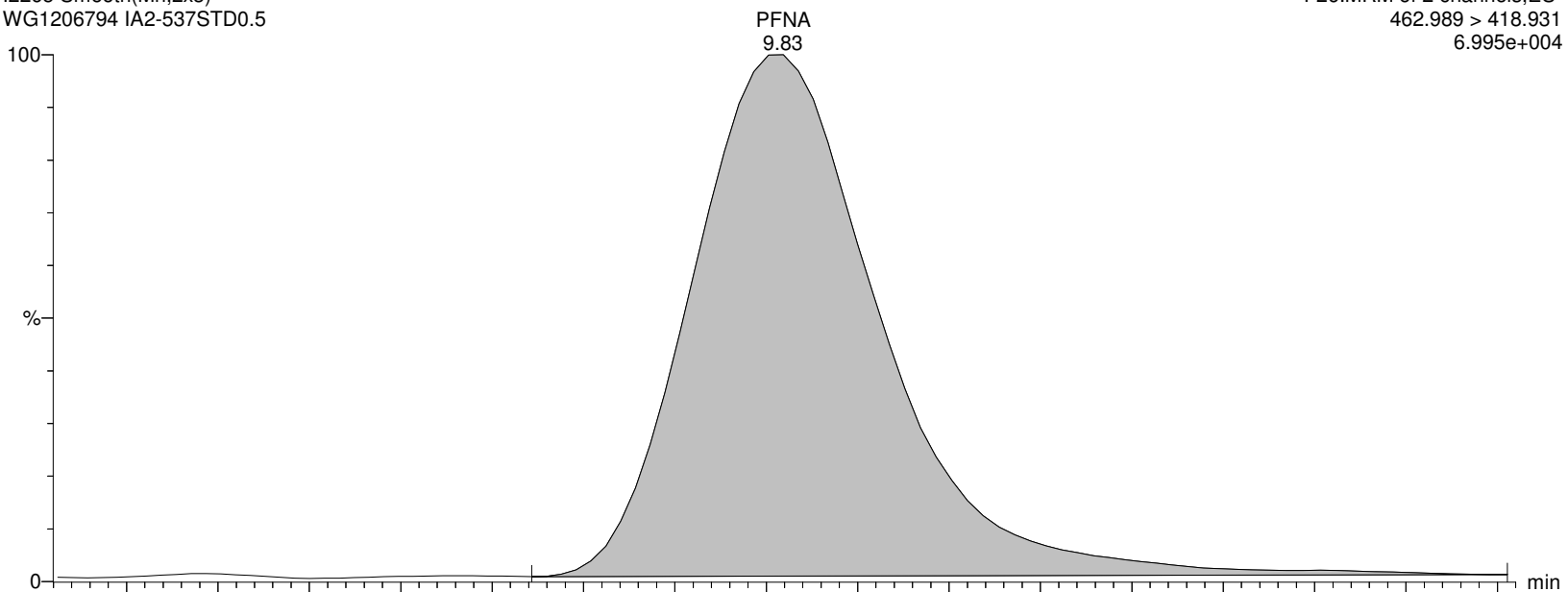
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F26:MRM of 2 channels,ES-

462.989 > 418.931

6.995e+004



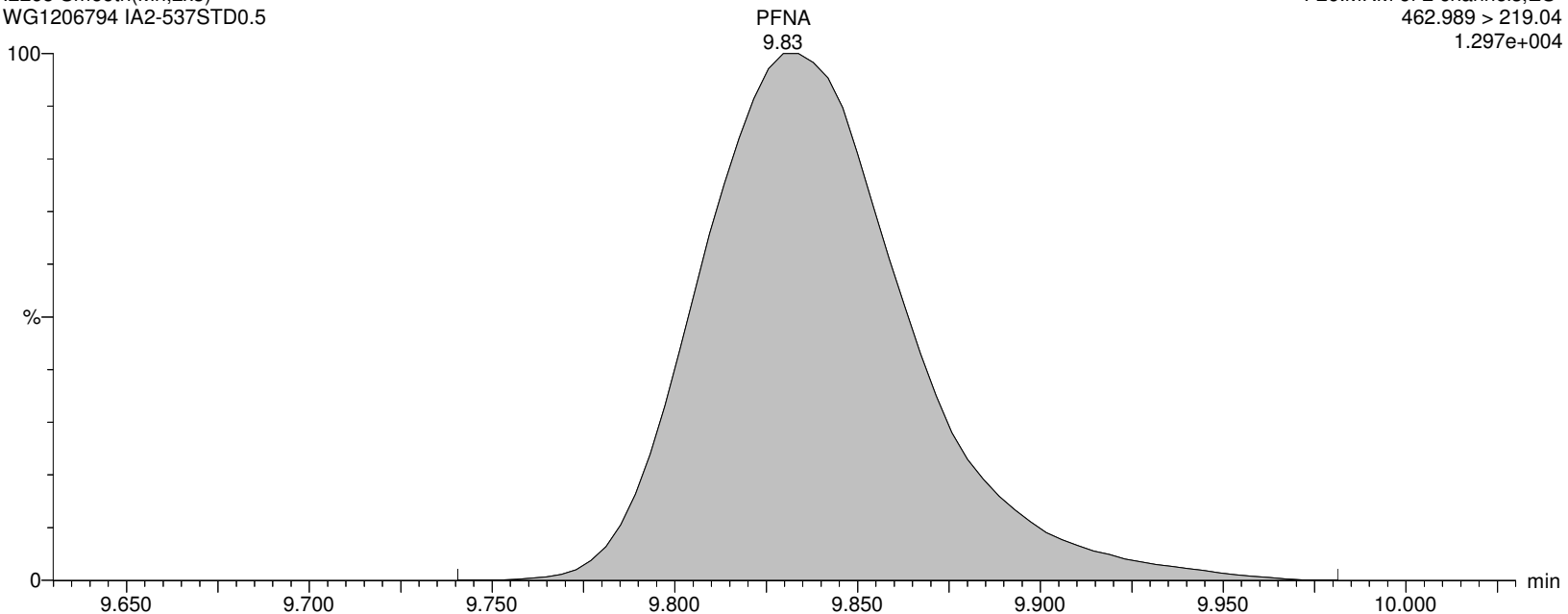
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F26:MRM of 2 channels,ES-

462.989 > 219.04

1.297e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M9PFNA

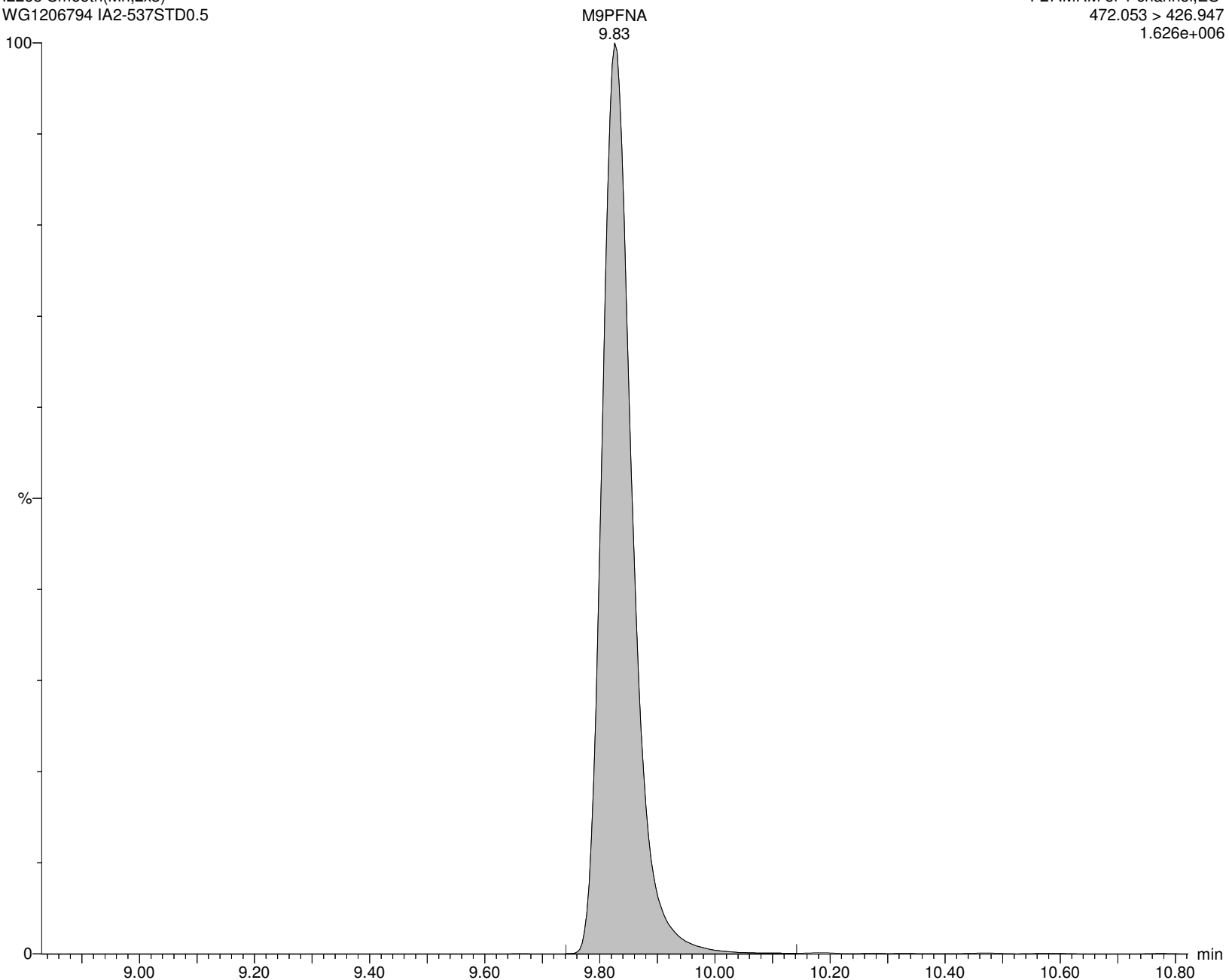
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F27:MRM of 1 channel,ES-

472.053 > 426.947

1.626e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

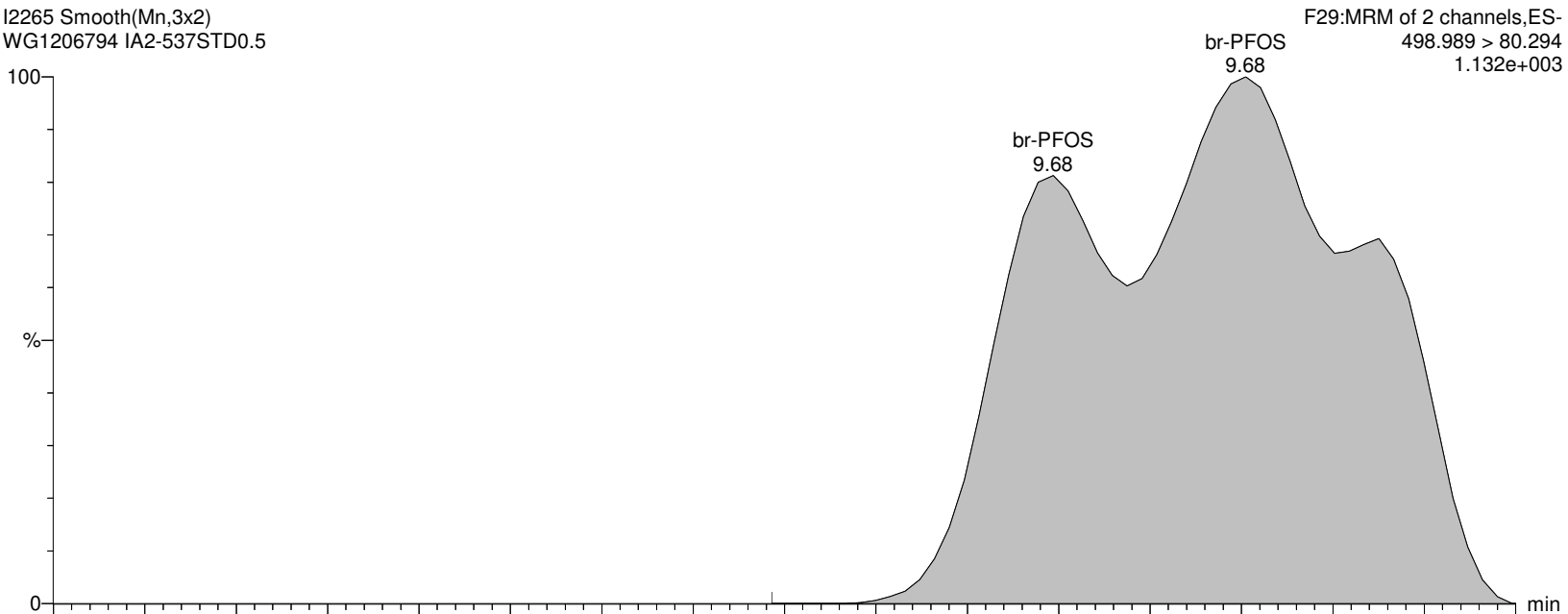
Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOS

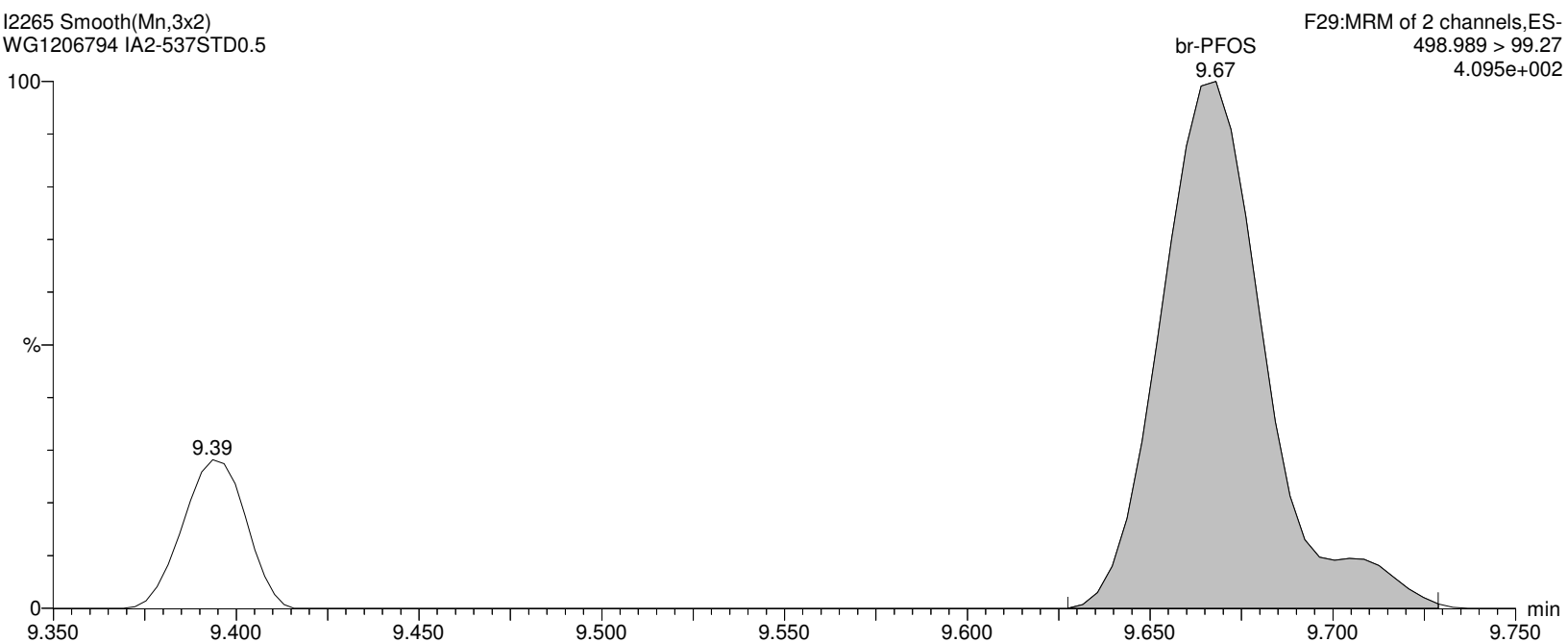
I2265 Smooth(Mn,3x2)

WG1206794 IA2-537STD0.5



I2265 Smooth(Mn,3x2)

WG1206794 IA2-537STD0.5



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOS

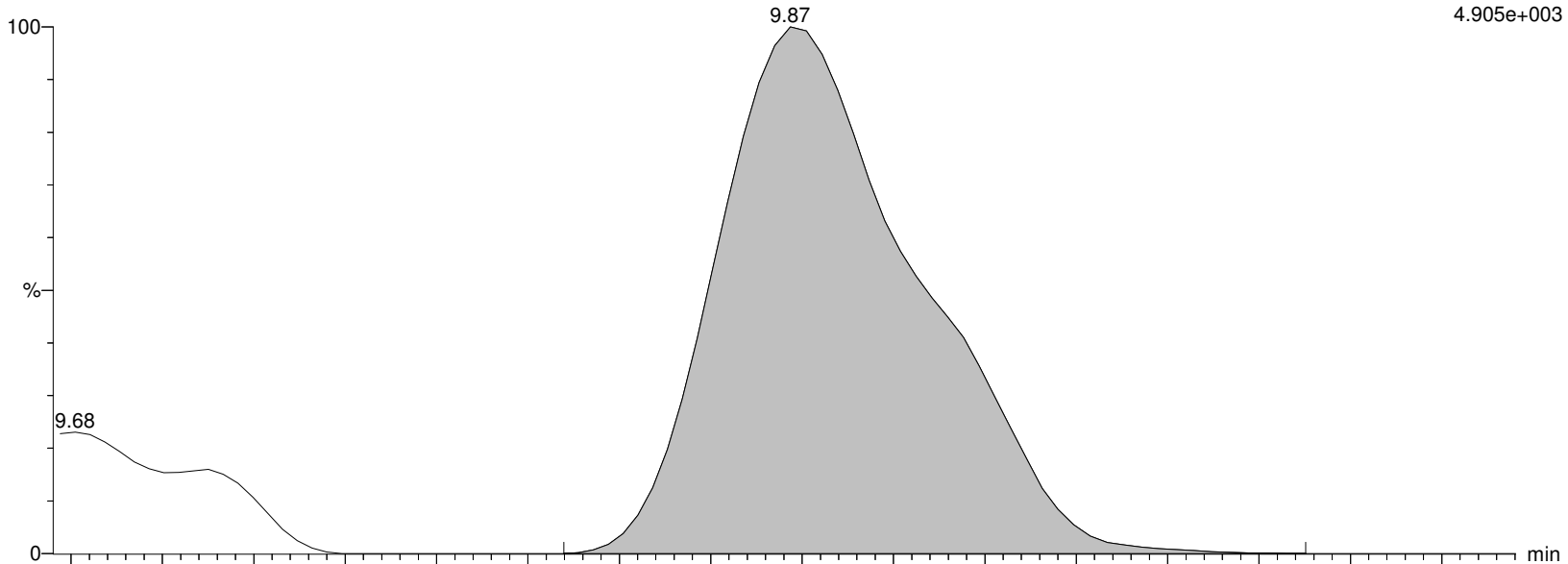
I2265 Smooth(Mn,3x2)

WG1206794 IA2-537STD0.5

F29:MRM of 2 channels,ES-

498.989 > 80.294

4.905e+003



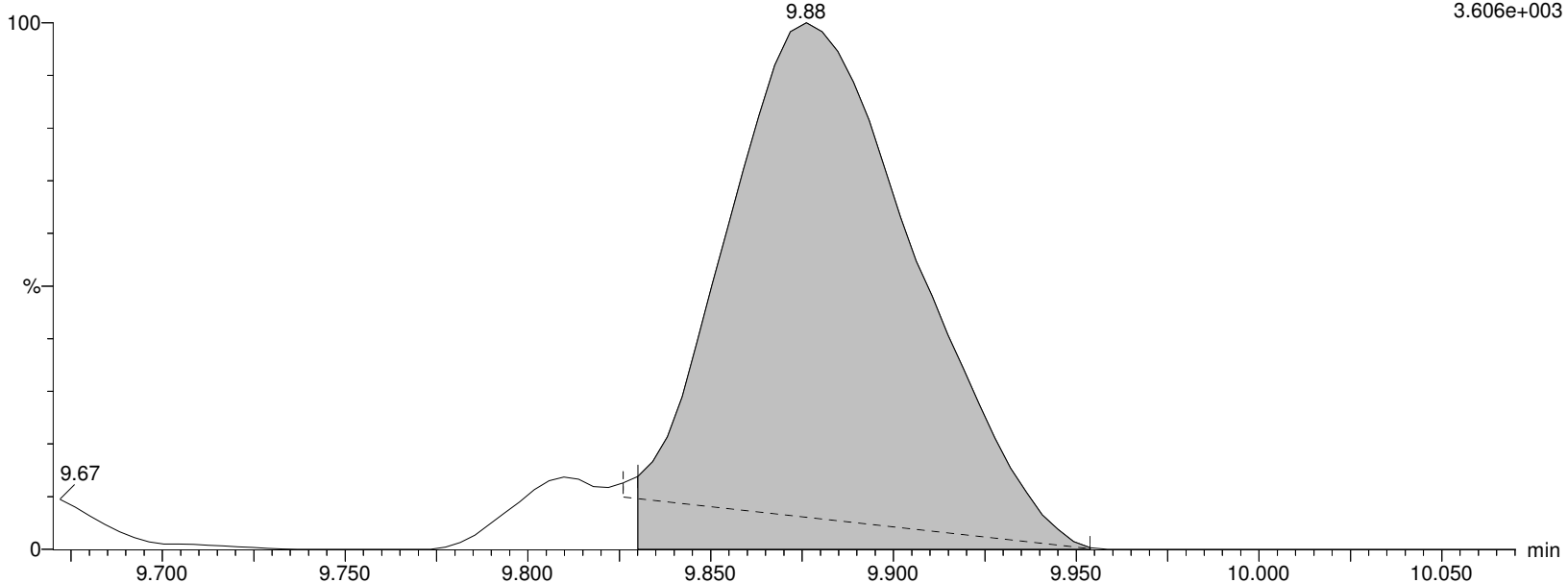
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F29:MRM of 2 channels,ES-

498.989 > 99.27

3.606e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOS

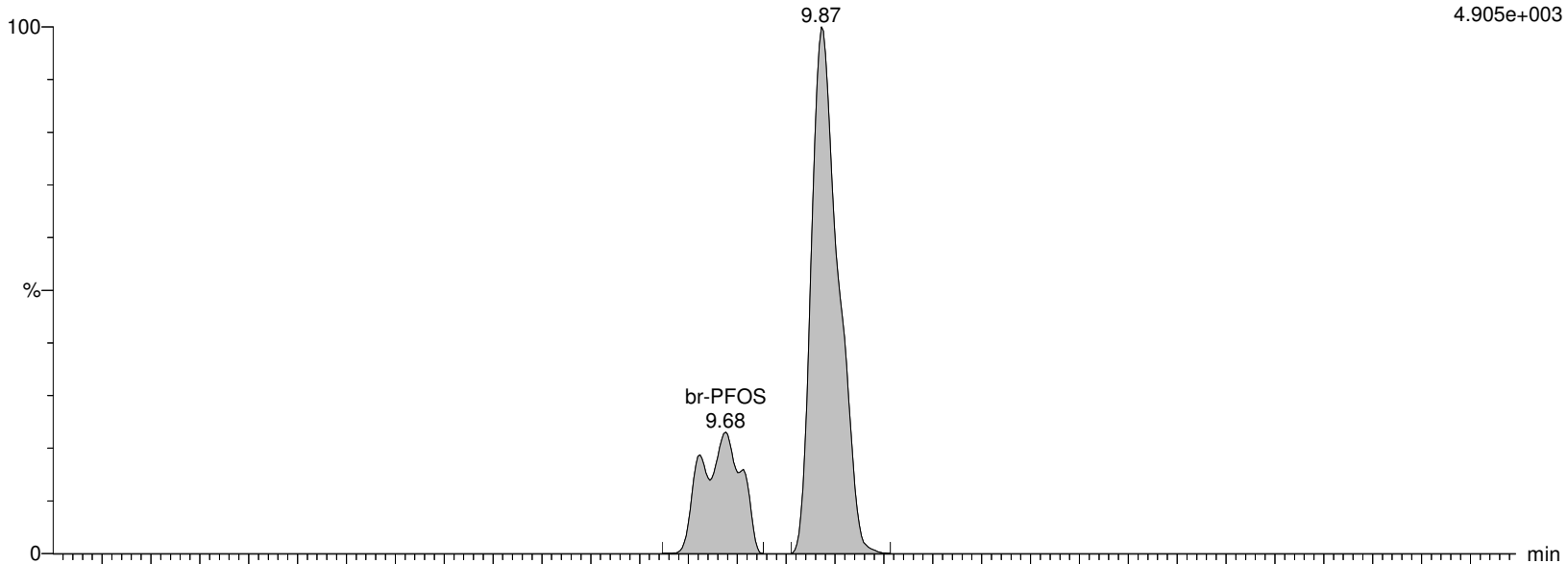
I2265 Smooth(Mn,3x2)

WG1206794 IA2-537STD0.5

F29:MRM of 2 channels,ES-

498.989 > 80.294

4.905e+003



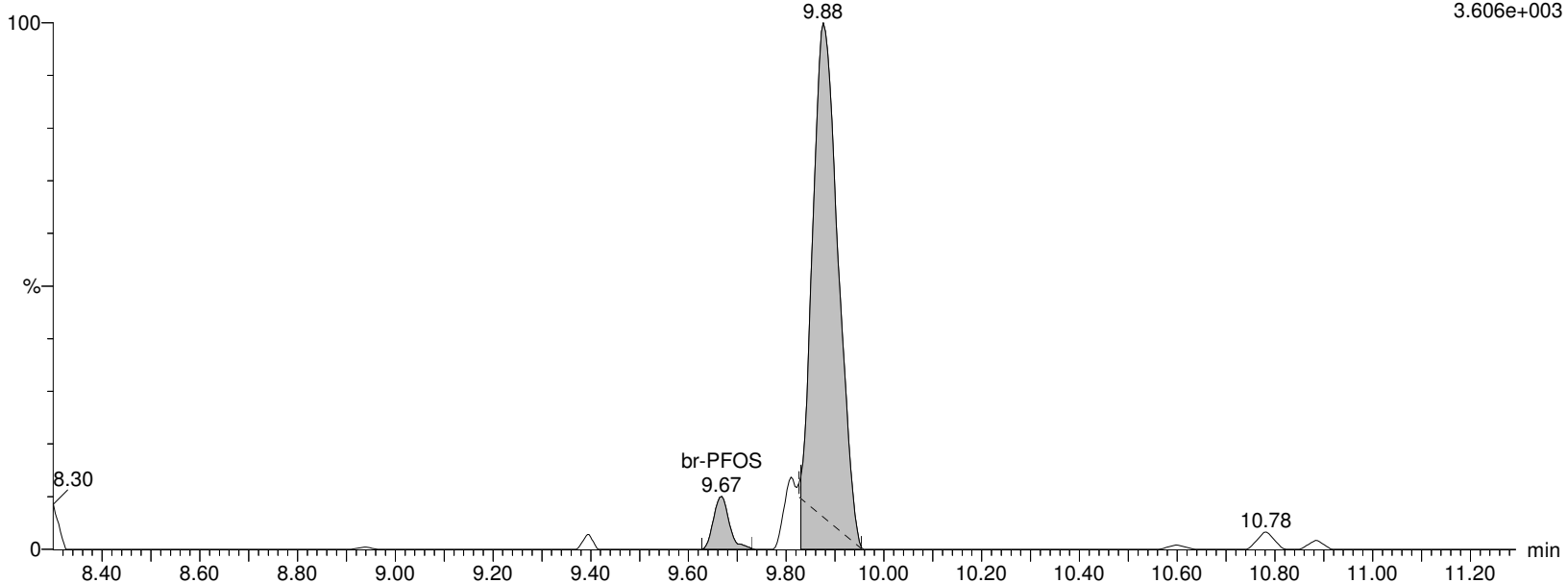
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F29:MRM of 2 channels,ES-

498.989 > 99.27

3.606e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFOS

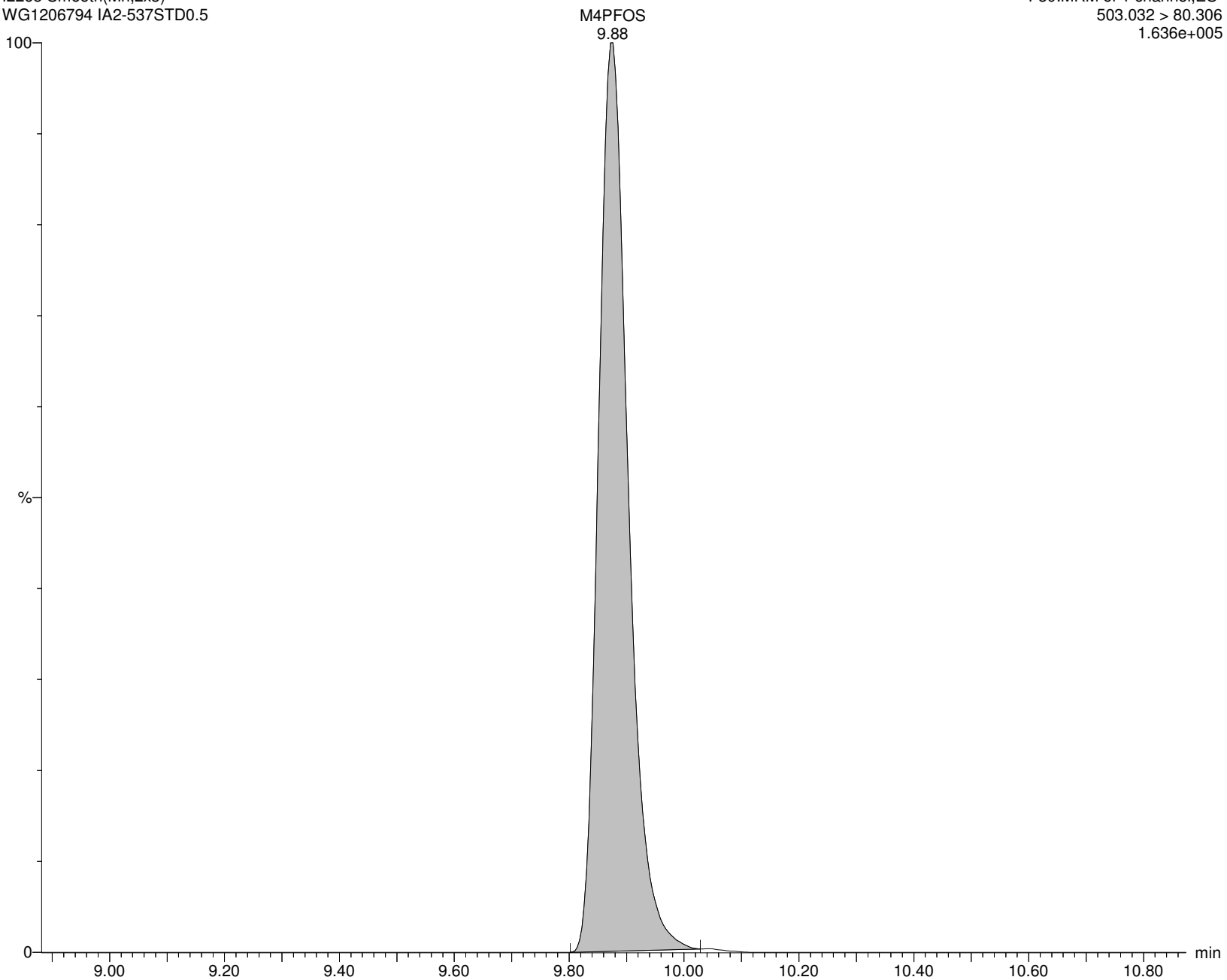
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F30:MRM of 1 channel,ES-

503.032 > 80.306

1.636e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOS

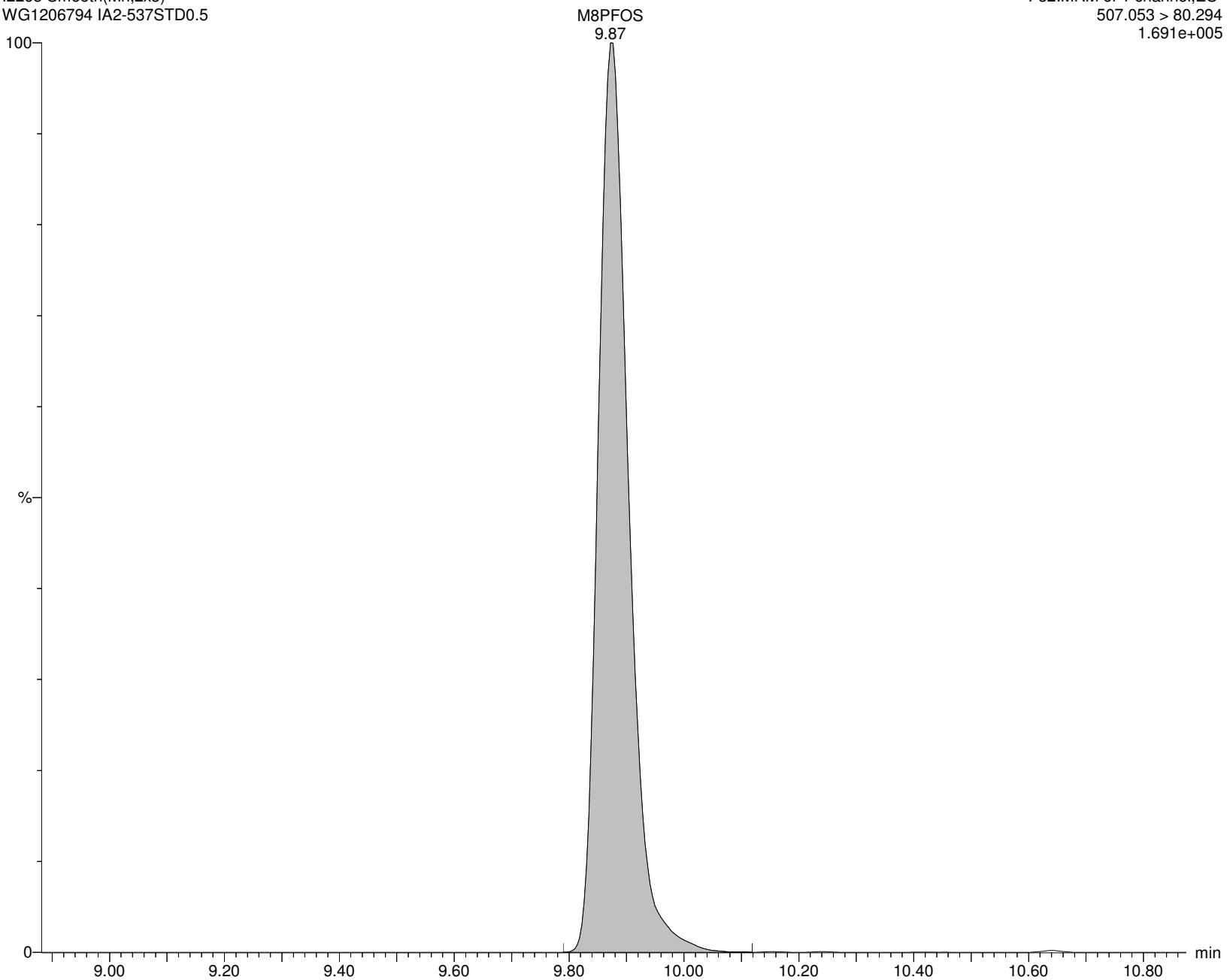
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F32:MRM of 1 channel,ES-

507.053 > 80.294

1.691e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDA

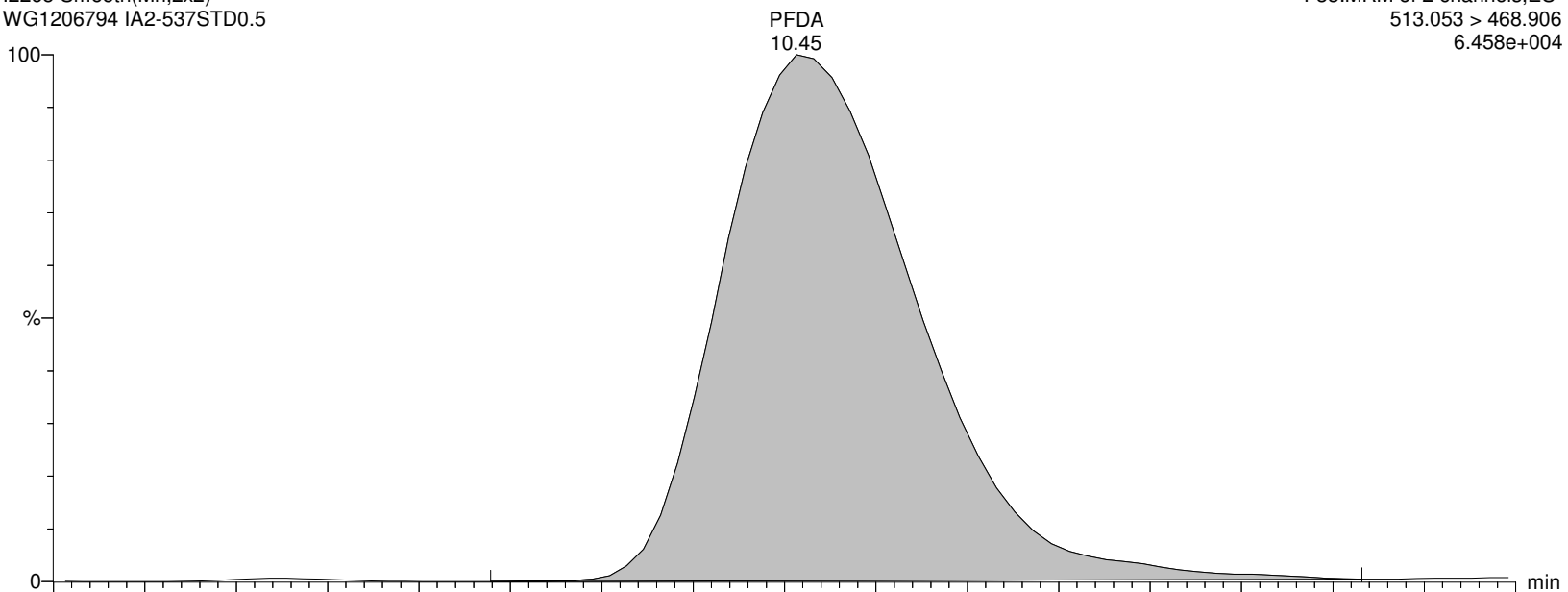
I2265 Smooth(Mn,2x2)

WG1206794 IA2-537STD0.5

F33:MRM of 2 channels,ES-

513.053 > 468.906

6.458e+004



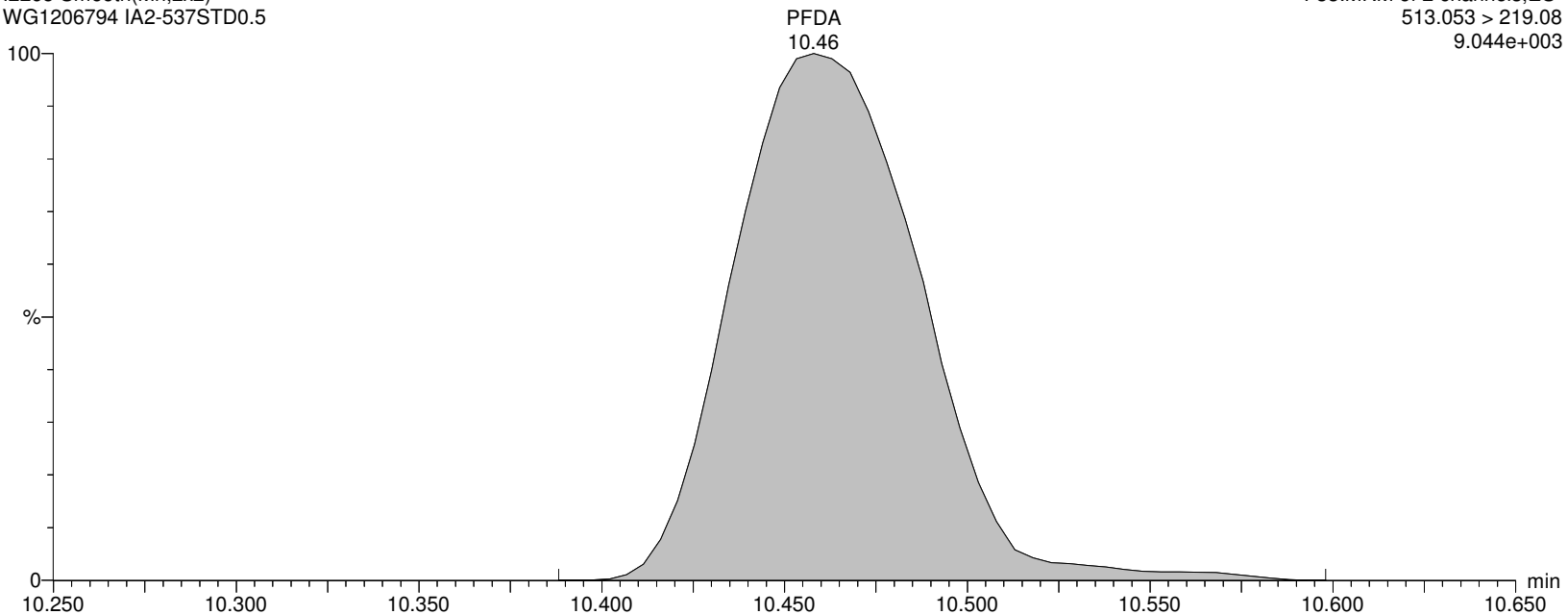
I2265 Smooth(Mn,2x2)

WG1206794 IA2-537STD0.5

F33:MRM of 2 channels,ES-

513.053 > 219.08

9.044e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFDA

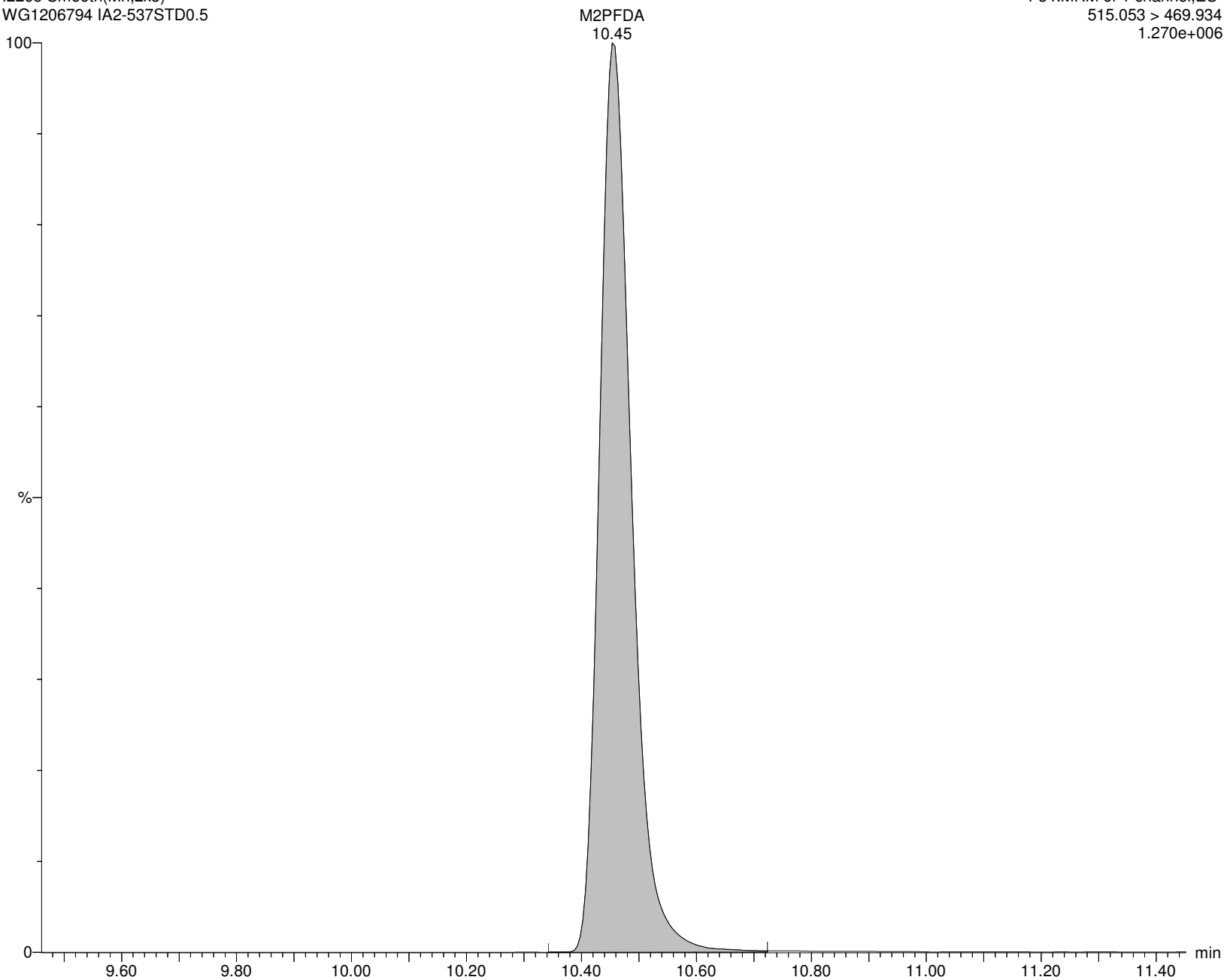
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F34:MRM of 1 channel,ES-

515.053 > 469.934

1.270e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M6PFDA

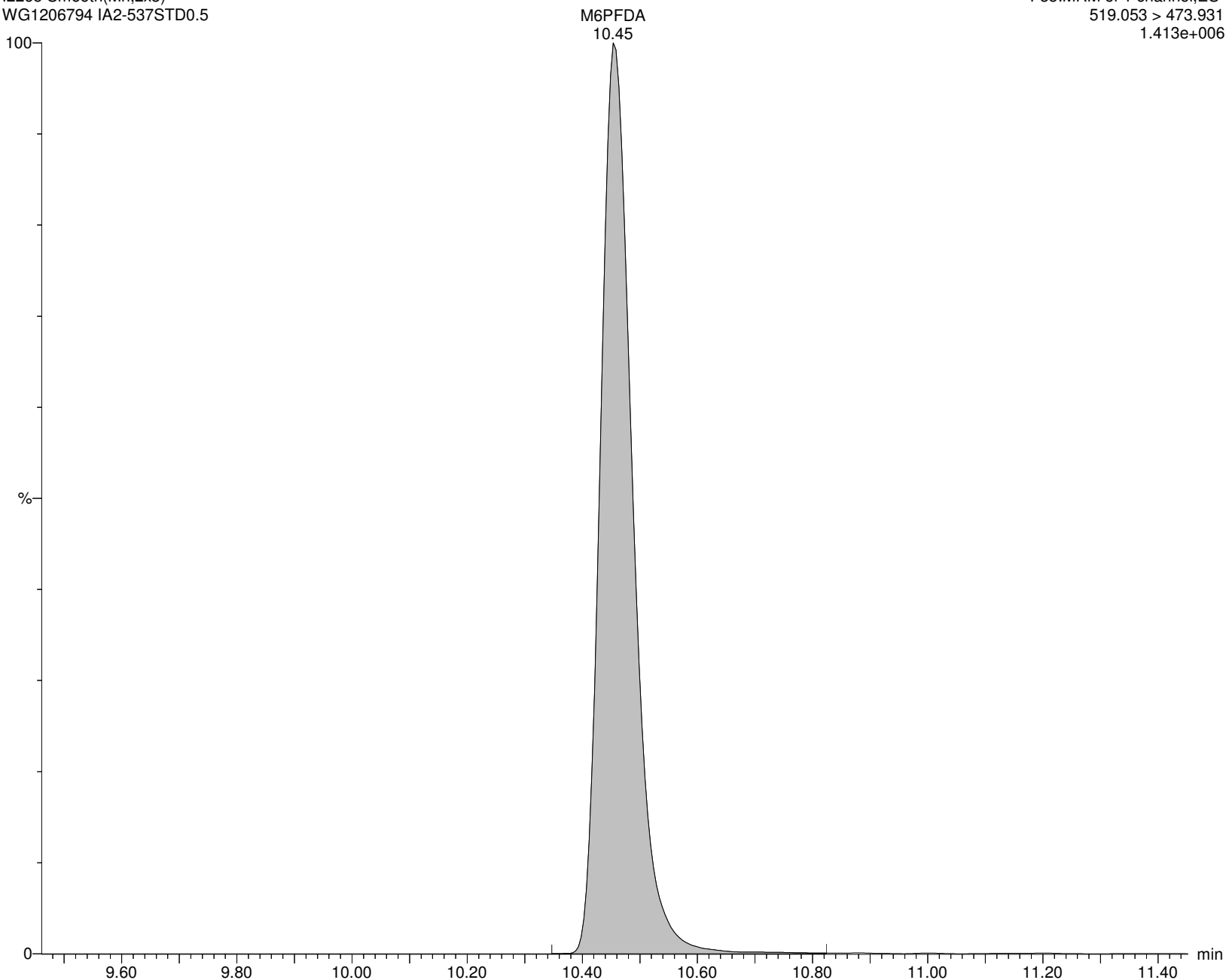
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F35:MRM of 1 channel,ES-

519.053 > 473.931

1.413e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

8:2FTS

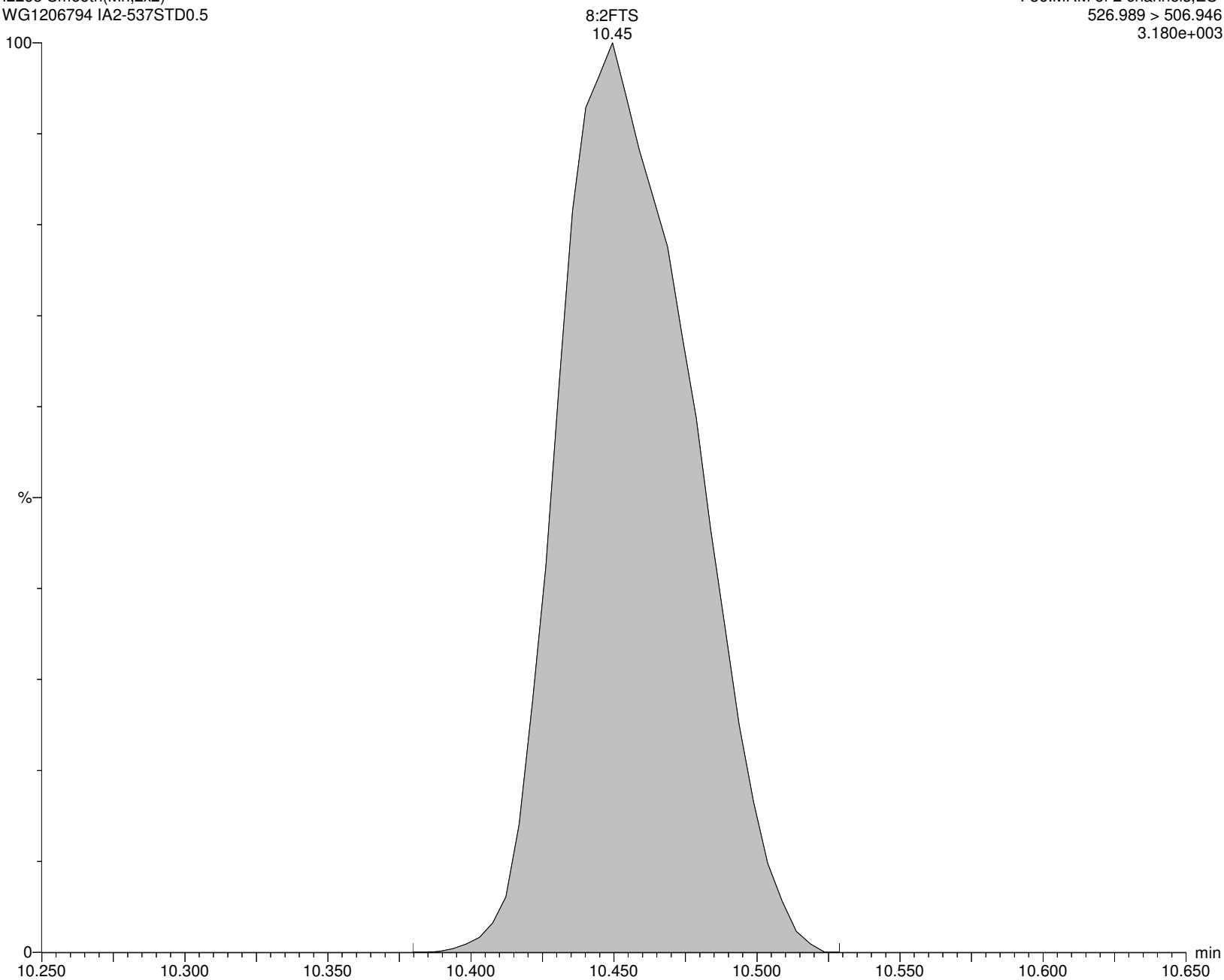
I2265 Smooth(Mn,2x2)

WG1206794 IA2-537STD0.5

F36:MRM of 2 channels,ES-

526.989 > 506.946

3.180e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-8:2FTS

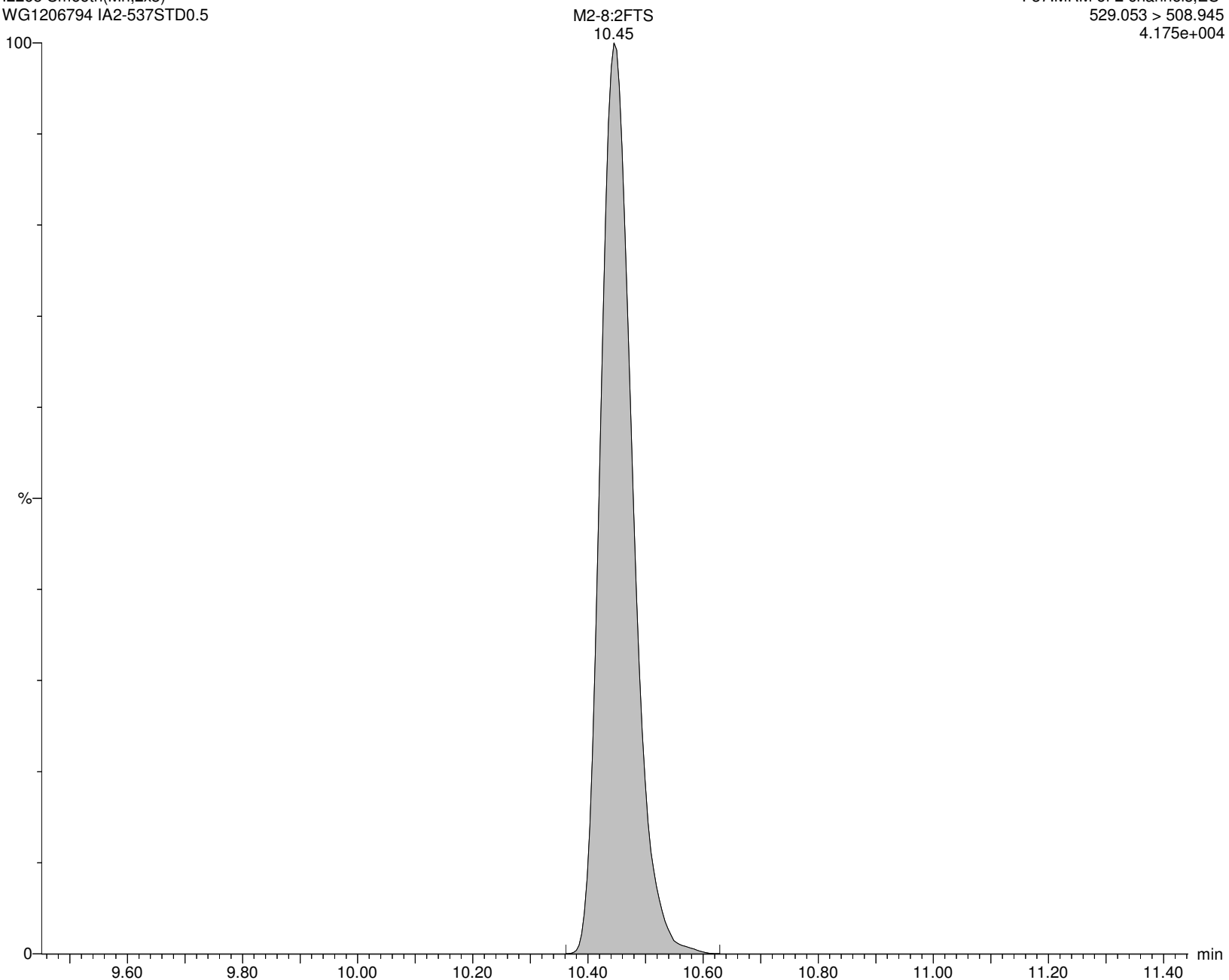
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F37:MRM of 2 channels,ES-

529.053 > 508.945

4.175e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNS

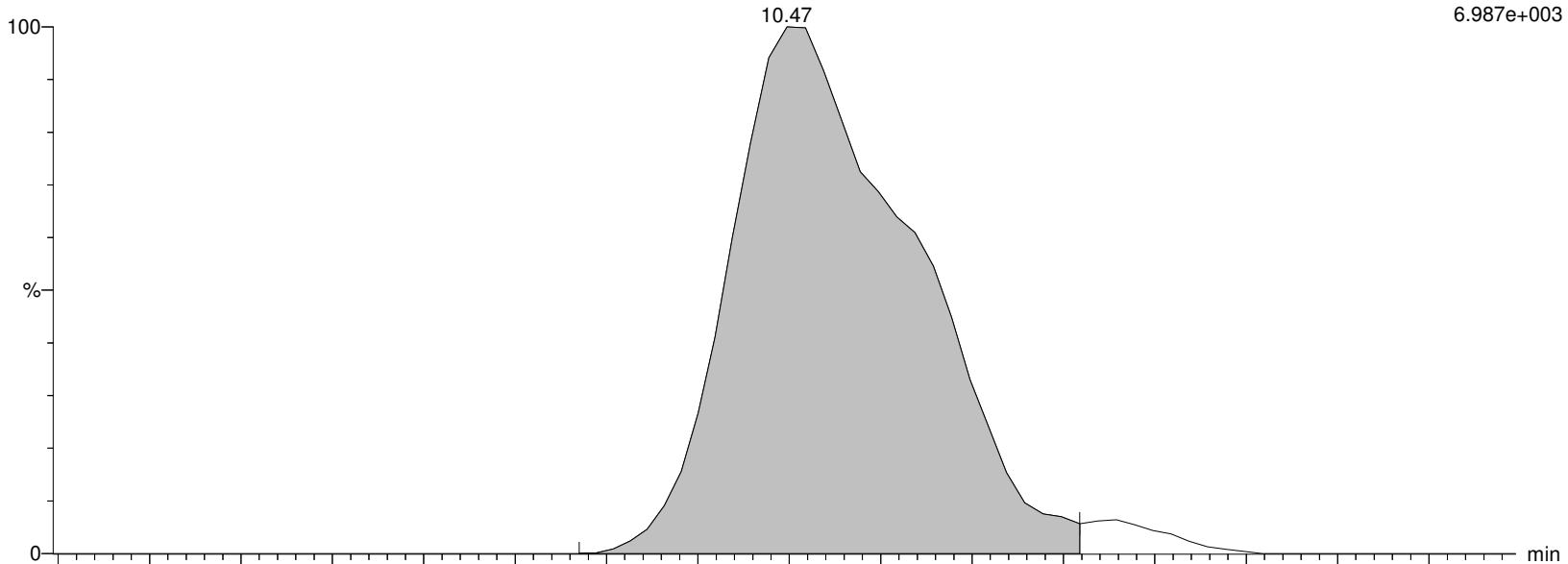
I2265 Smooth(Mn,2x2)

WG1206794 IA2-537STD0.5

F39:MRM of 2 channels,ES-

548.989 > 80.249

6.987e+003



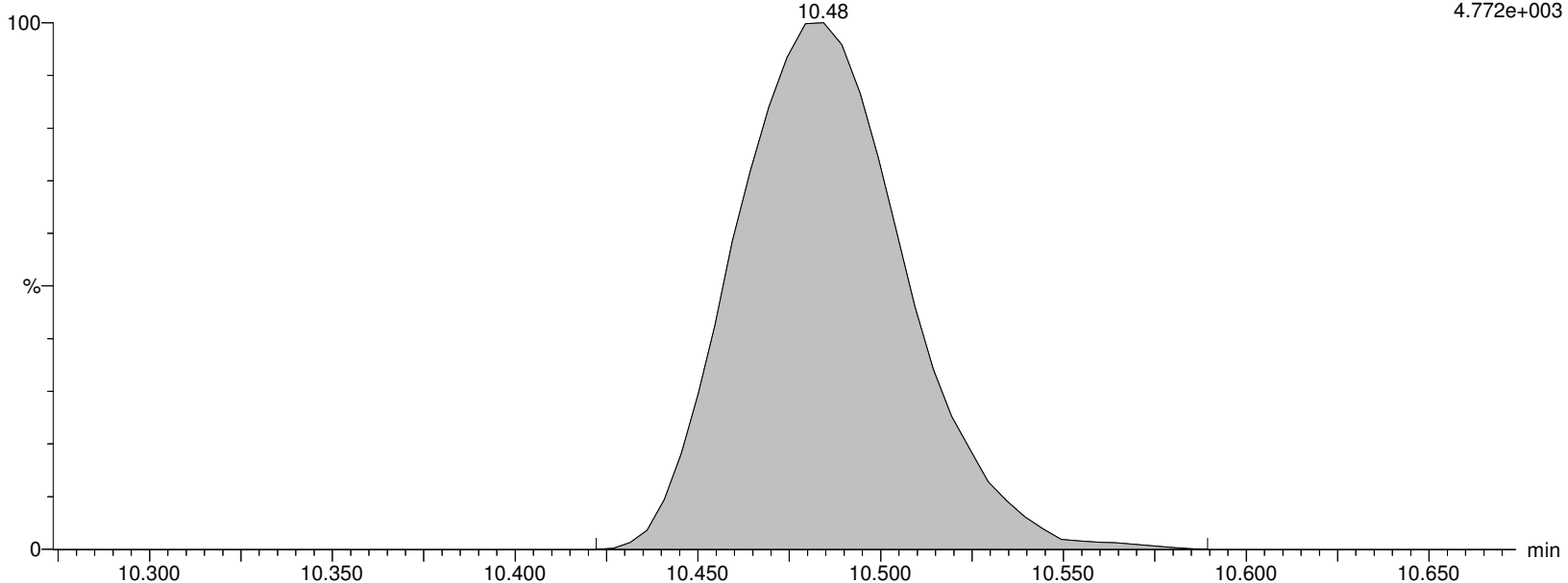
I2265 Smooth(Mn,2x2)

WG1206794 IA2-537STD0.5

F39:MRM of 2 channels,ES-

548.989 > 99.22

4.772e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d3-NMeFOSAA

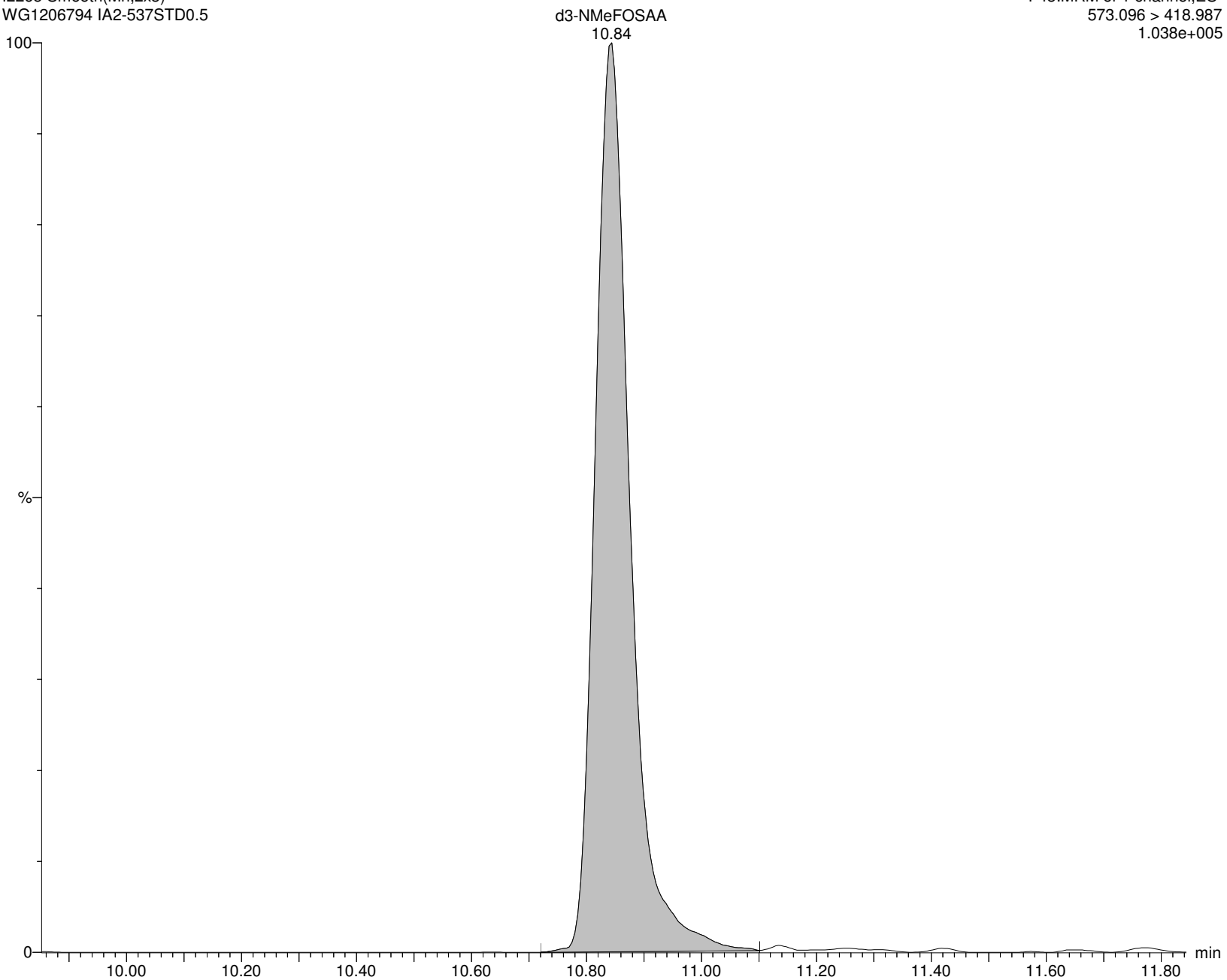
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F43:MRM of 1 channel,ES-

573.096 > 418.987

1.038e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NMeFOSAA

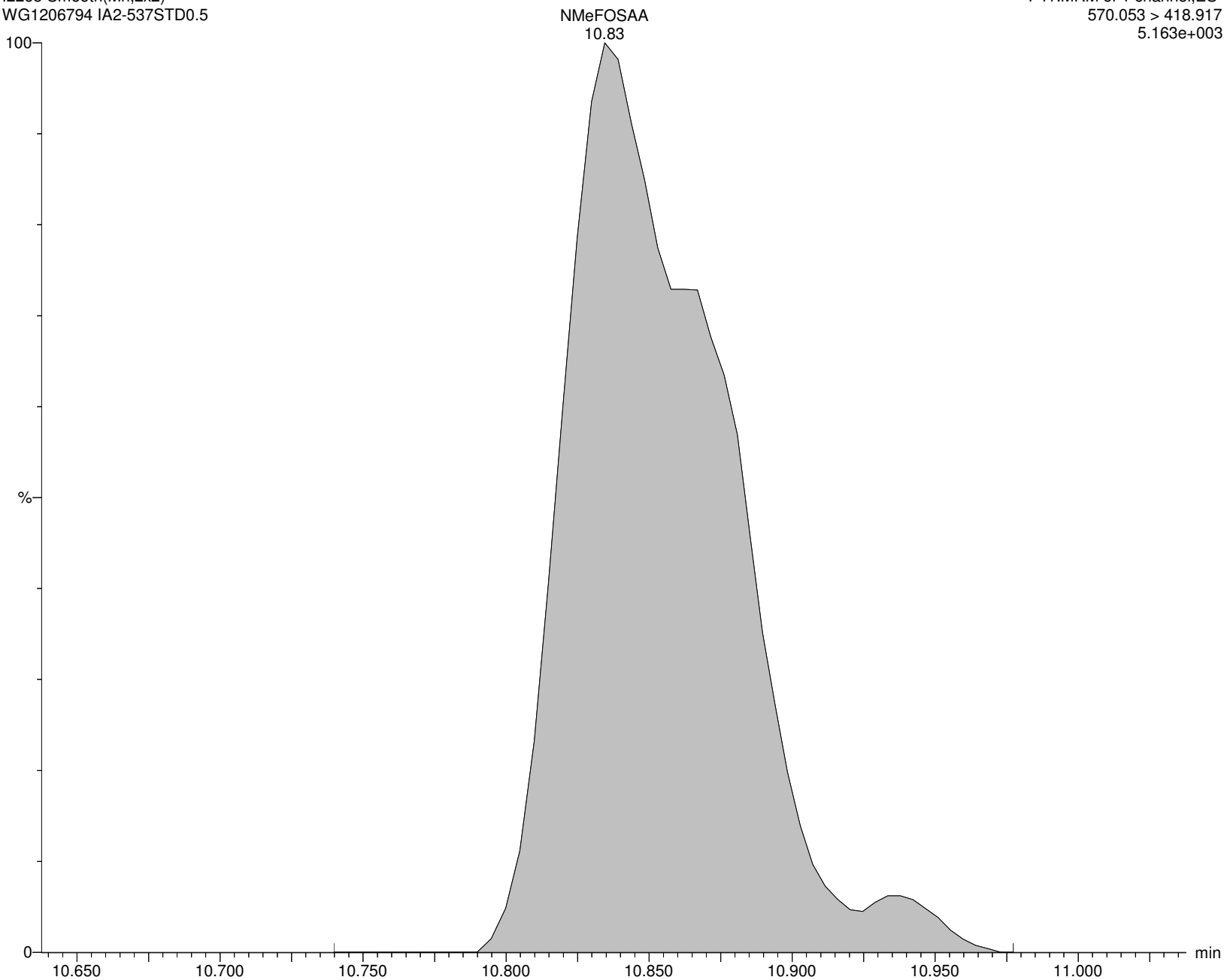
I2265 Smooth(Mn,2x2)

WG1206794 IA2-537STD0.5

F41:MRM of 1 channel,ES-

570.053 > 418.917

5.163e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFUnA

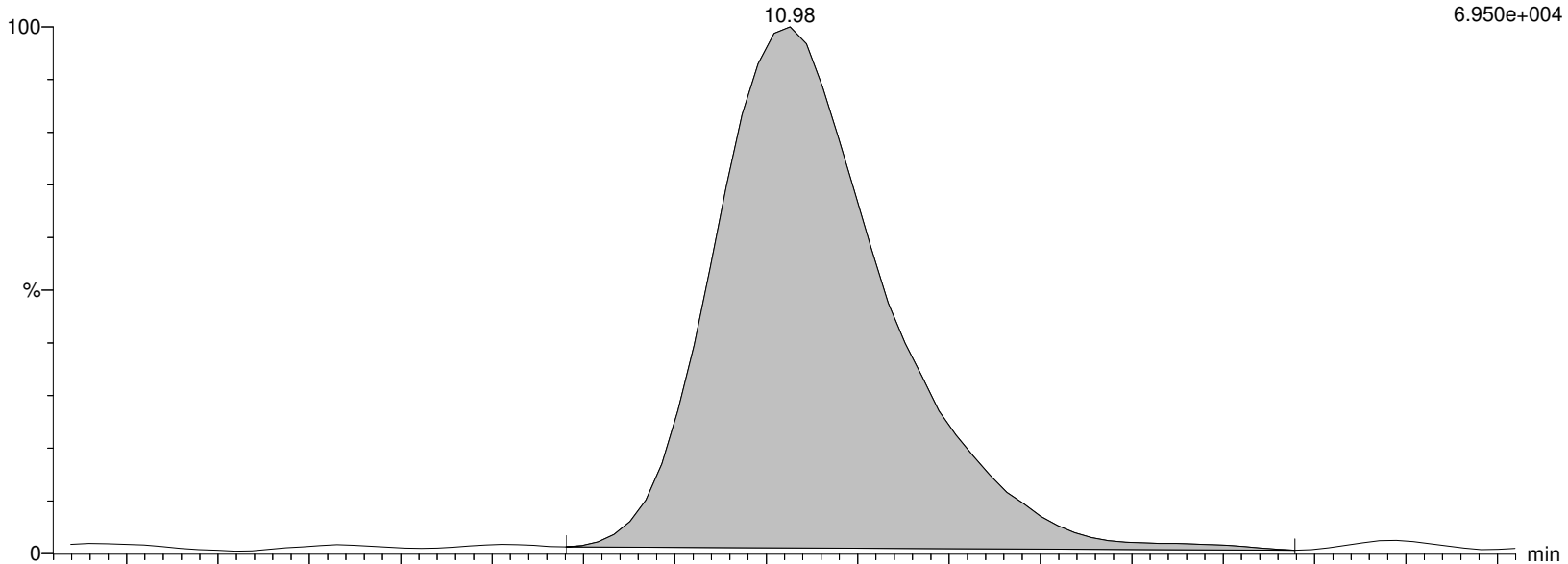
I2265 Smooth(Mn,2x2)

WG1206794 IA2-537STD0.5

F40:MRM of 2 channels,ES-

562.989 > 518.903

6.950e+004



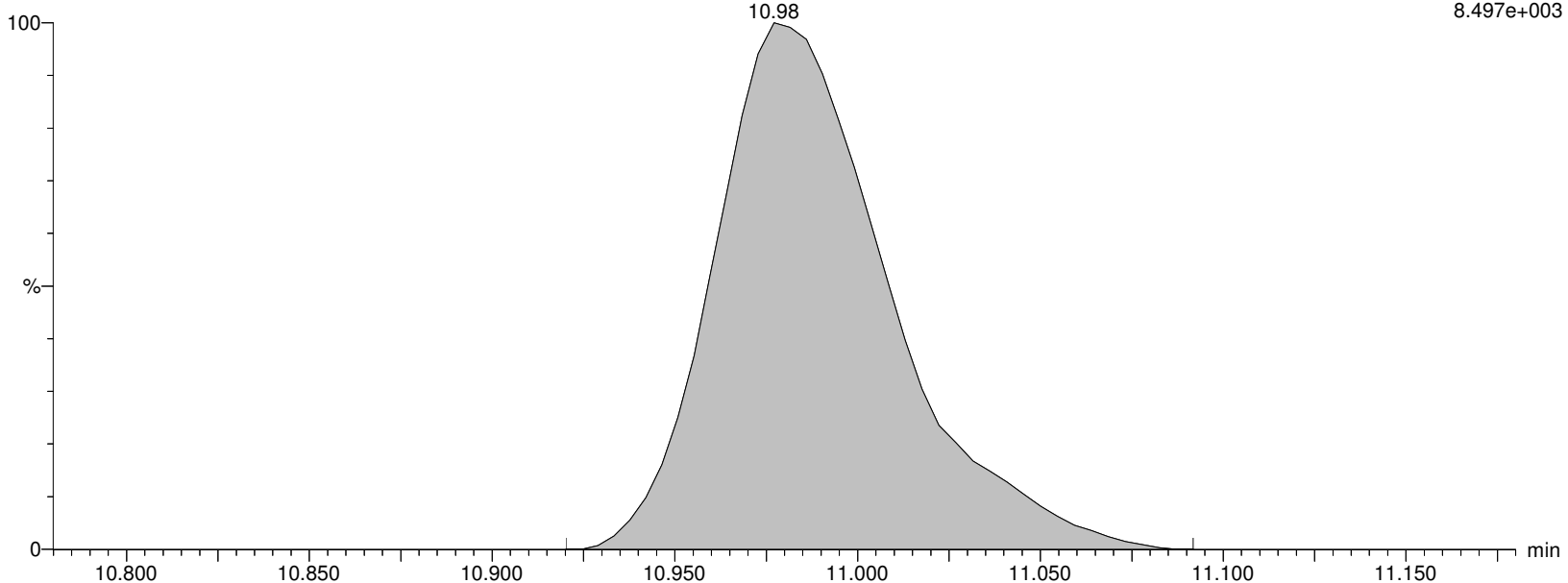
I2265 Smooth(Mn,2x2)

WG1206794 IA2-537STD0.5

F40:MRM of 2 channels,ES-

562.989 > 269.01

8.497e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M7-PFUDA

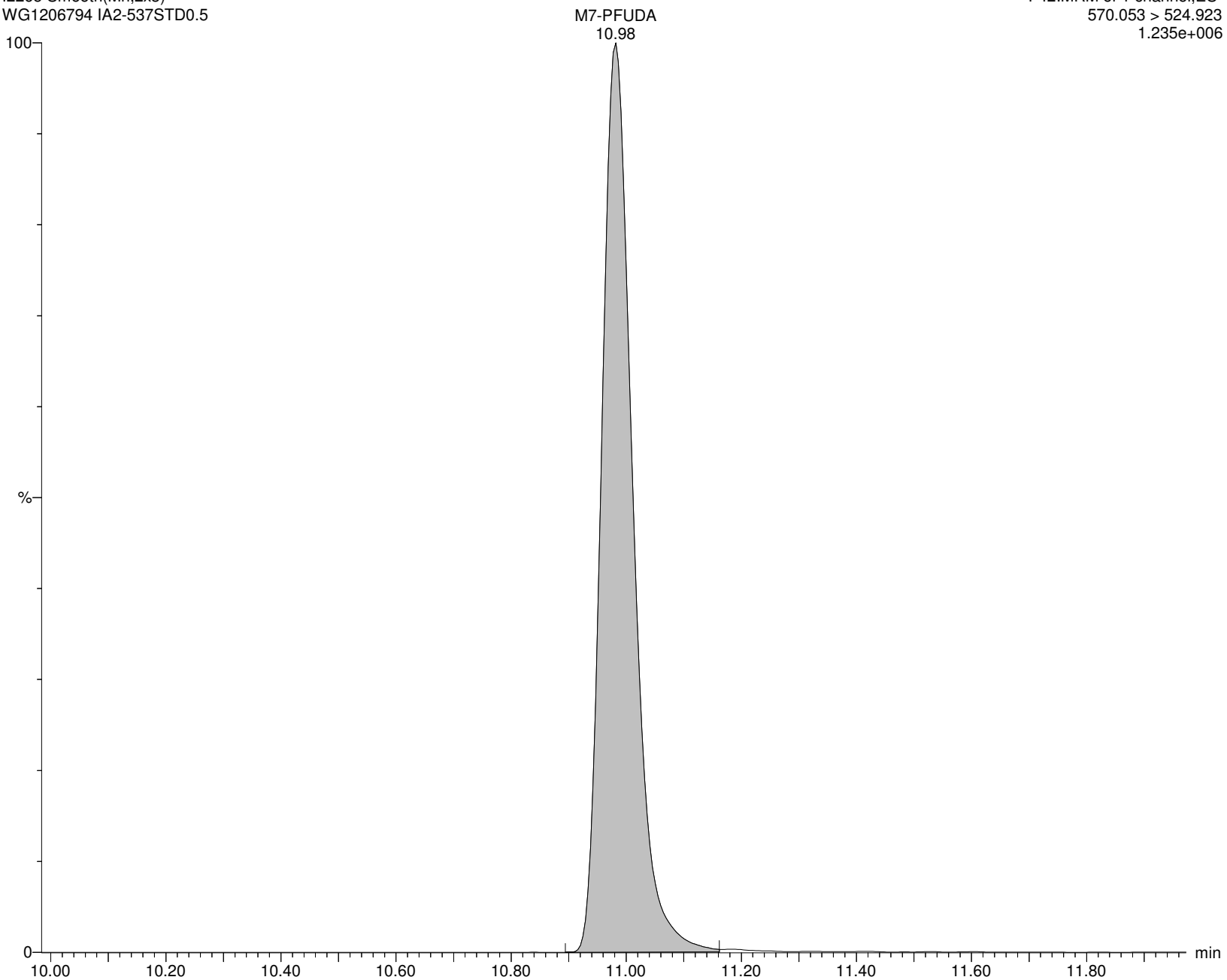
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F42:MRM of 1 channel,ES-

570.053 > 524.923

1.235e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDS

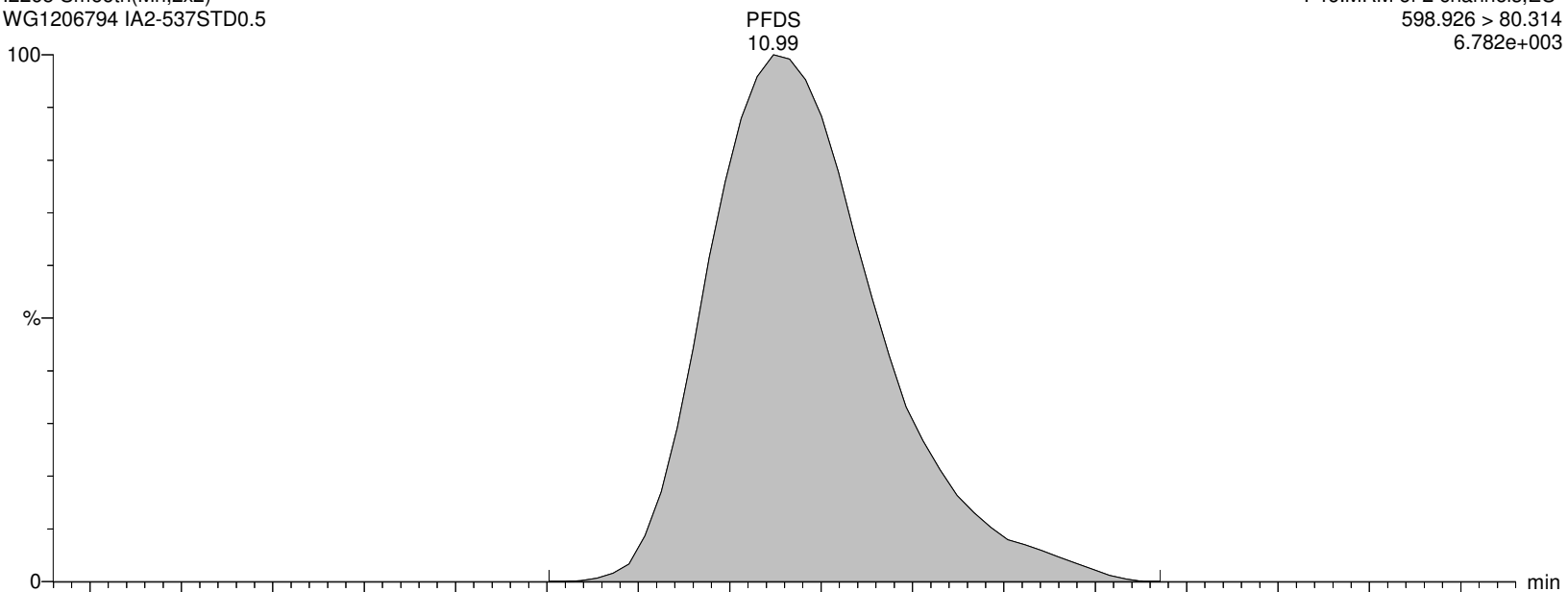
I2265 Smooth(Mn,2x2)

WG1206794 IA2-537STD0.5

F46:MRM of 2 channels,ES-

598.926 > 80.314

6.782e+003



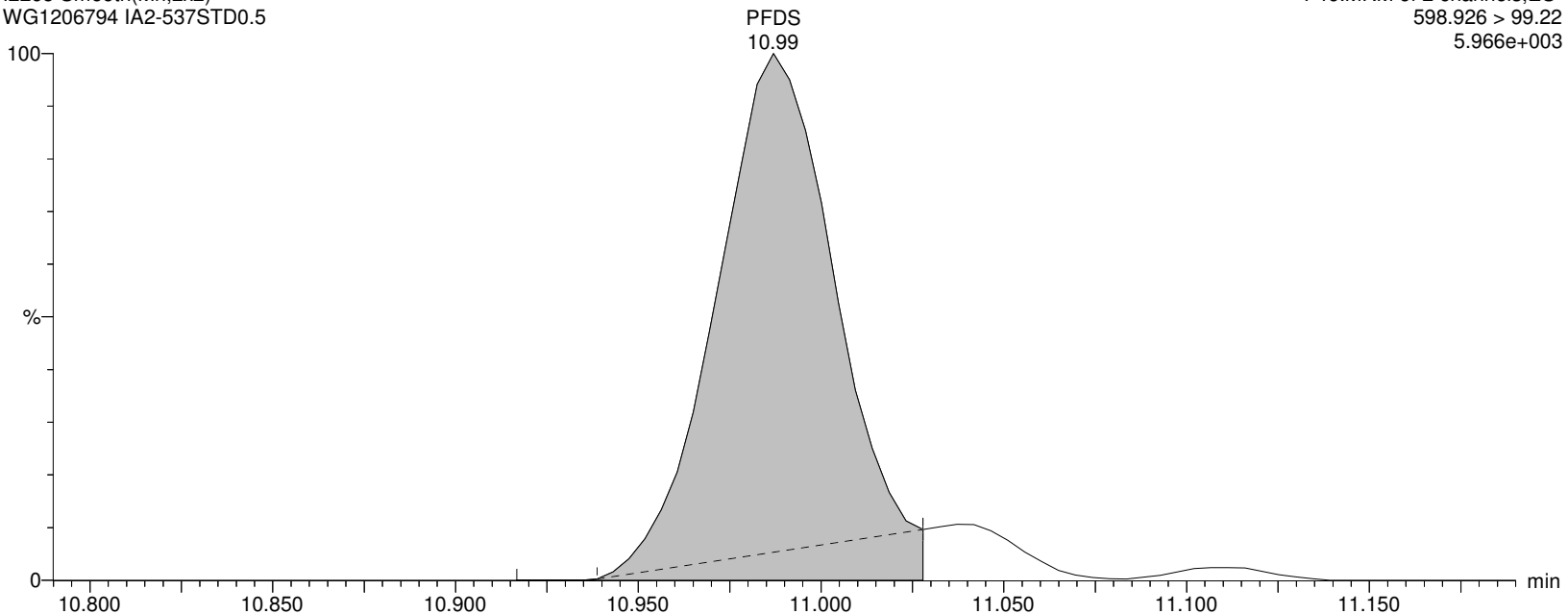
I2265 Smooth(Mn,2x2)

WG1206794 IA2-537STD0.5

F46:MRM of 2 channels,ES-

598.926 > 99.22

5.966e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

FOSA

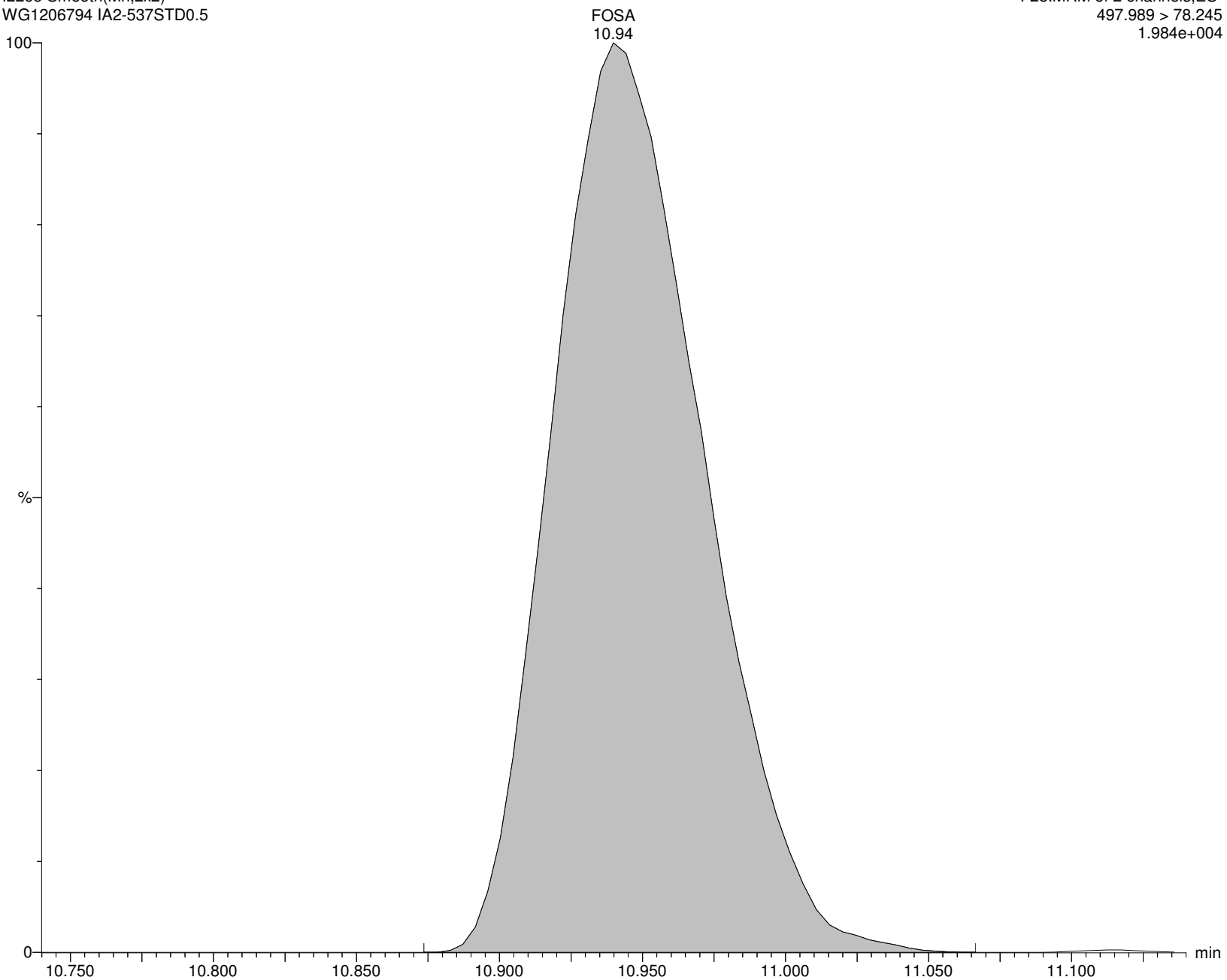
I2265 Smooth(Mn,2x2)

WG1206794 IA2-537STD0.5

F28:MRM of 2 channels,ES-

497.989 > 78.245

1.984e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8FOSA

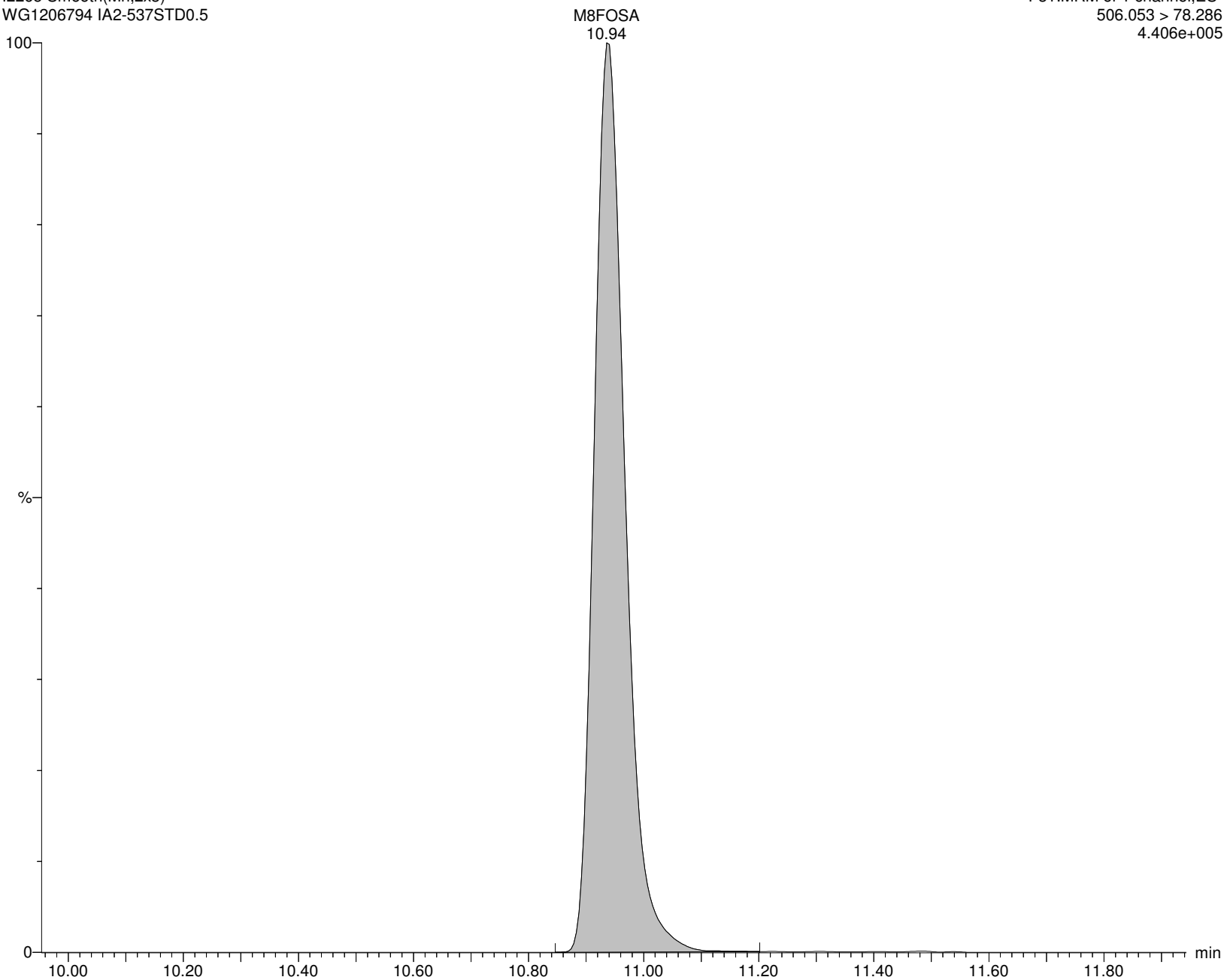
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F31:MRM of 1 channel,ES-

506.053 > 78.286

4.406e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d5-NEtFOSAA

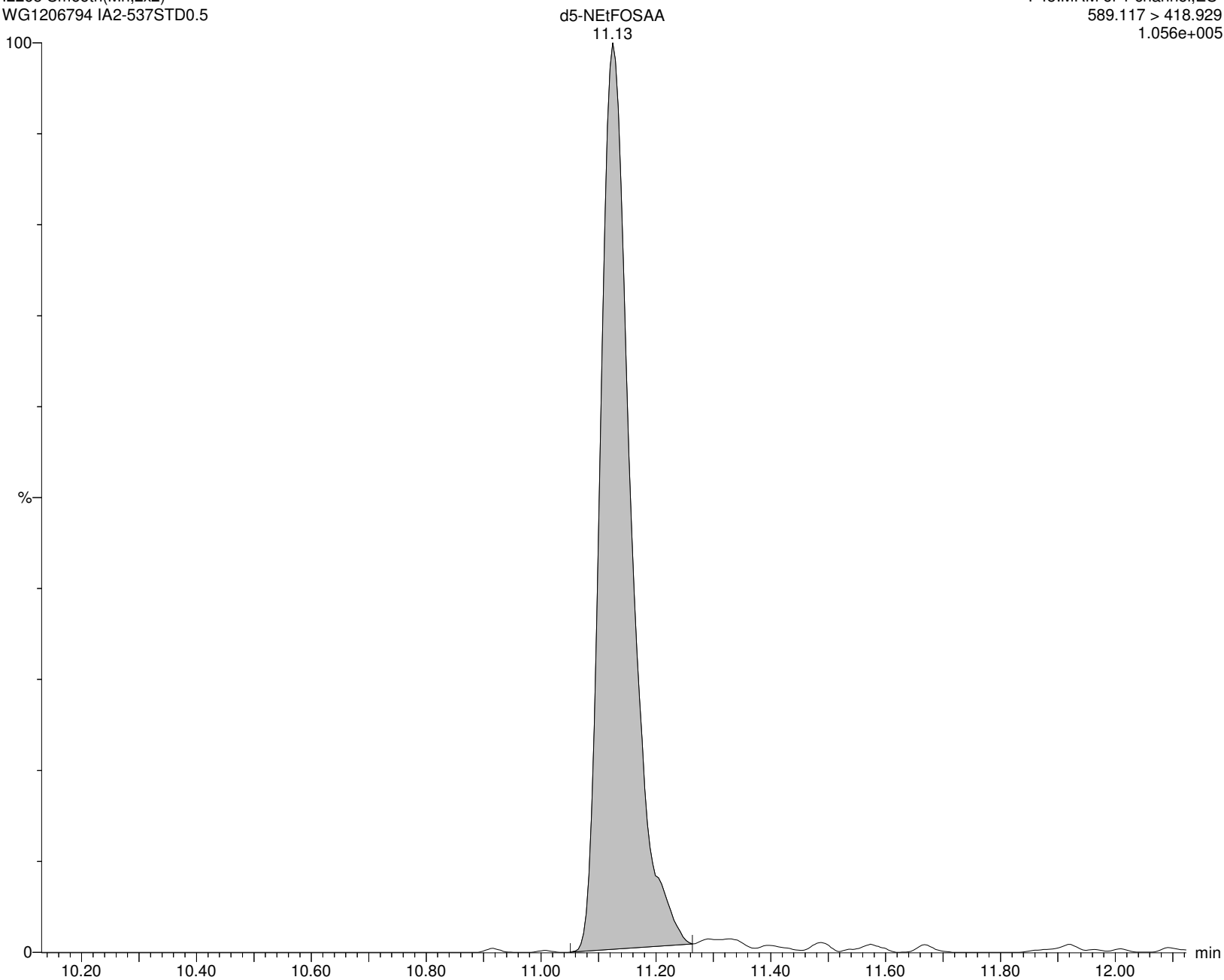
I2265 Smooth(Mn,2x2)

WG1206794 IA2-537STD0.5

F45:MRM of 1 channel,ES-

589.117 > 418.929

1.056e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NEtFOSAA

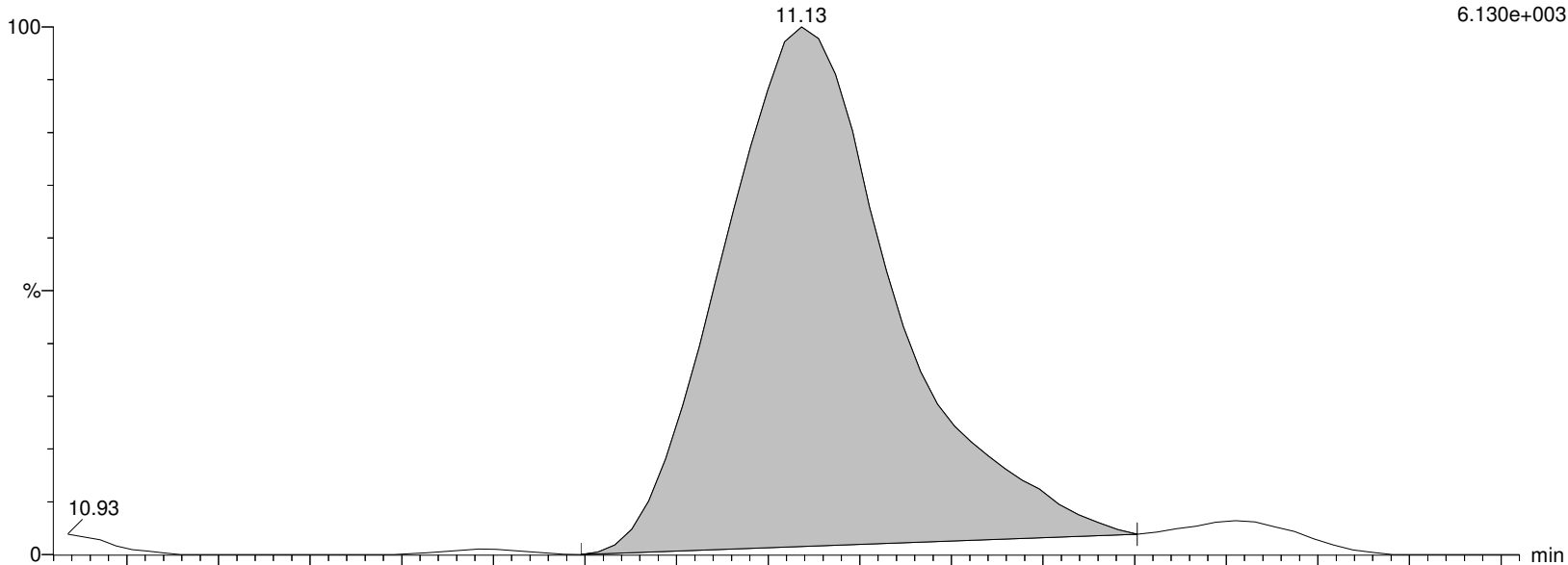
I2265 Smooth(Mn,2x2)

WG1206794 IA2-537STD0.5

F44:MRM of 2 channels,ES-

583.989 > 418.927

6.130e+003



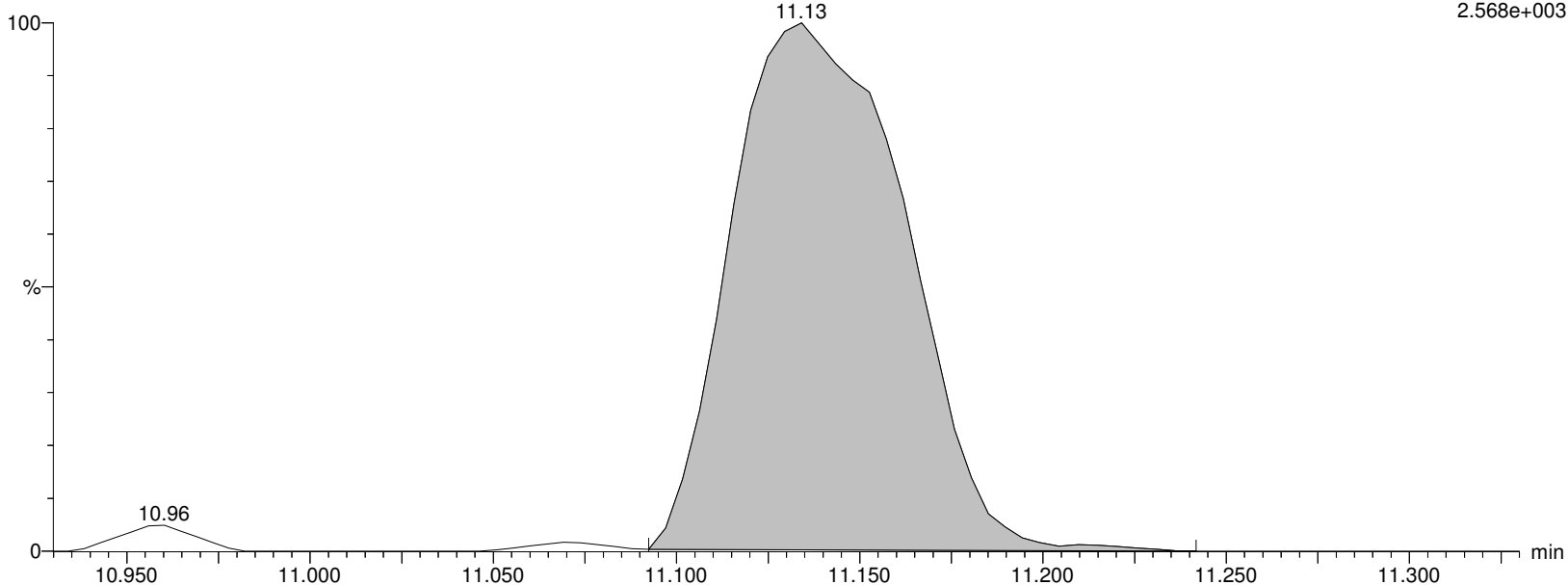
I2265 Smooth(Mn,2x2)

WG1206794 IA2-537STD0.5

F44:MRM of 2 channels,ES-

583.989 > 482.88

2.568e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDoA

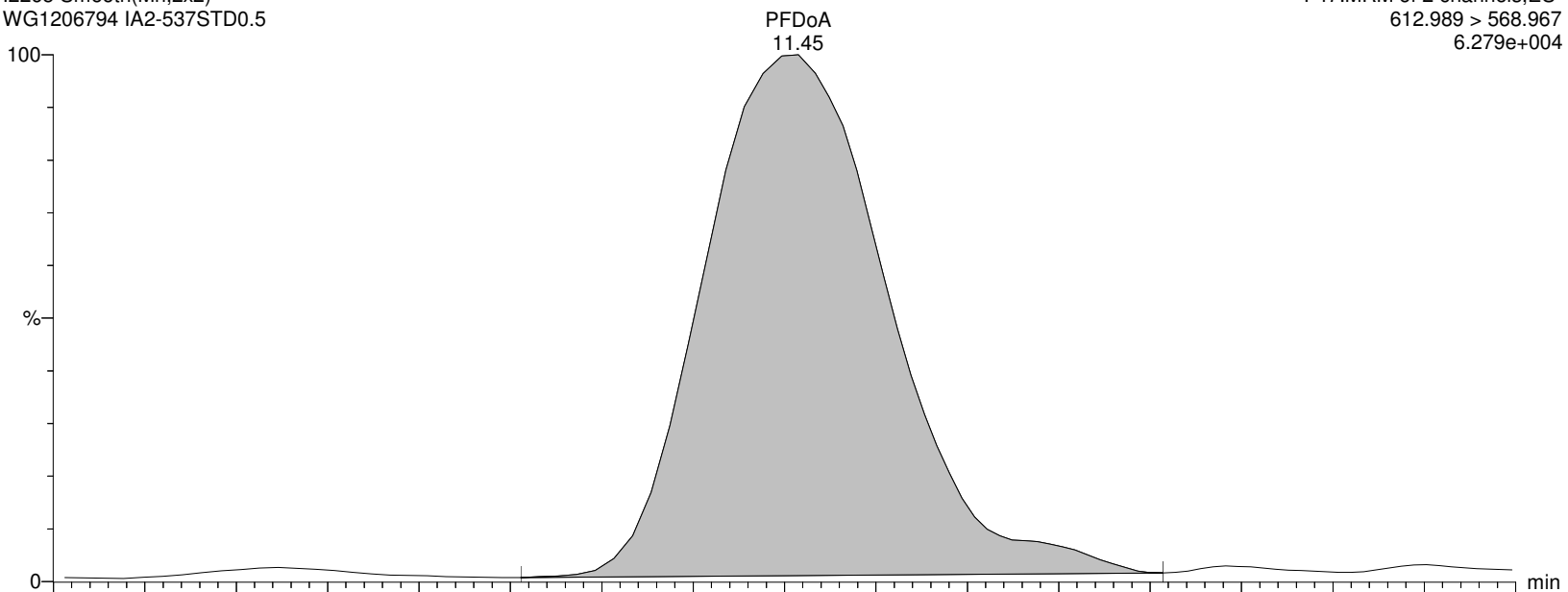
I2265 Smooth(Mn,2x2)

WG1206794 IA2-537STD0.5

F47:MRM of 2 channels,ES-

612.989 > 568.967

6.279e+004



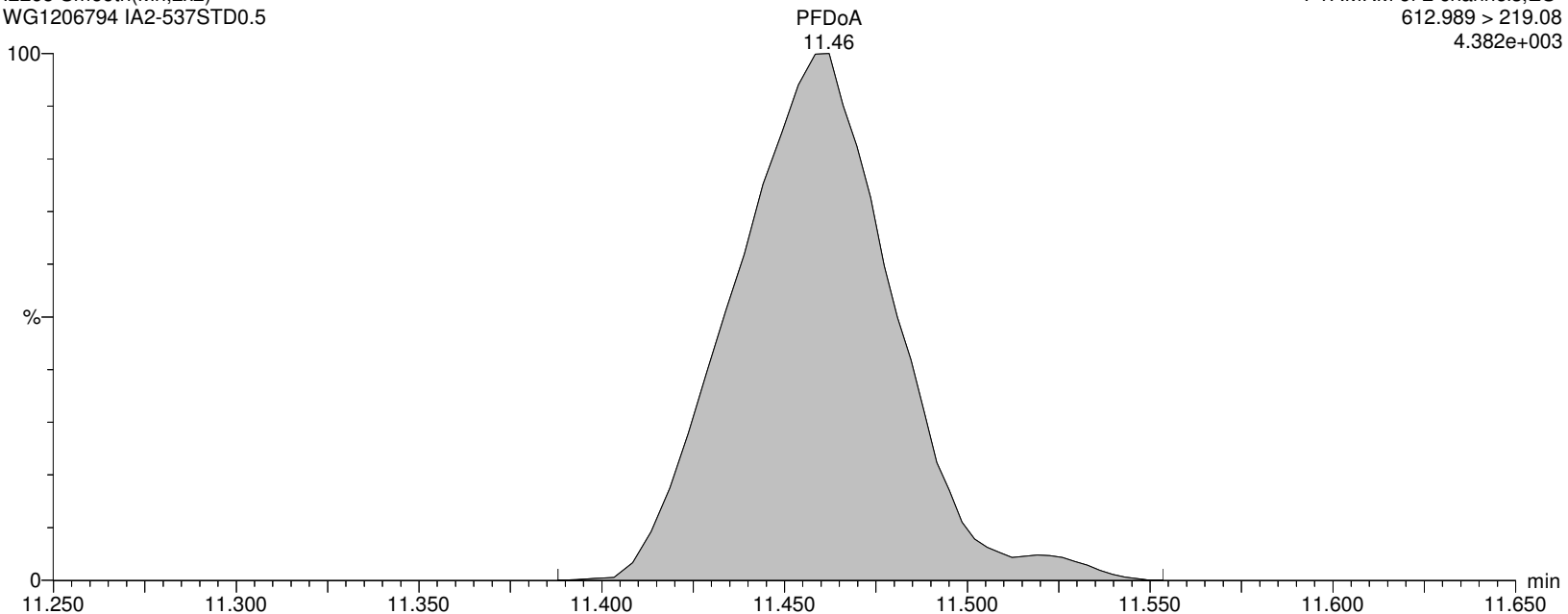
I2265 Smooth(Mn,2x2)

WG1206794 IA2-537STD0.5

F47:MRM of 2 channels,ES-

612.989 > 219.08

4.382e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFDOA

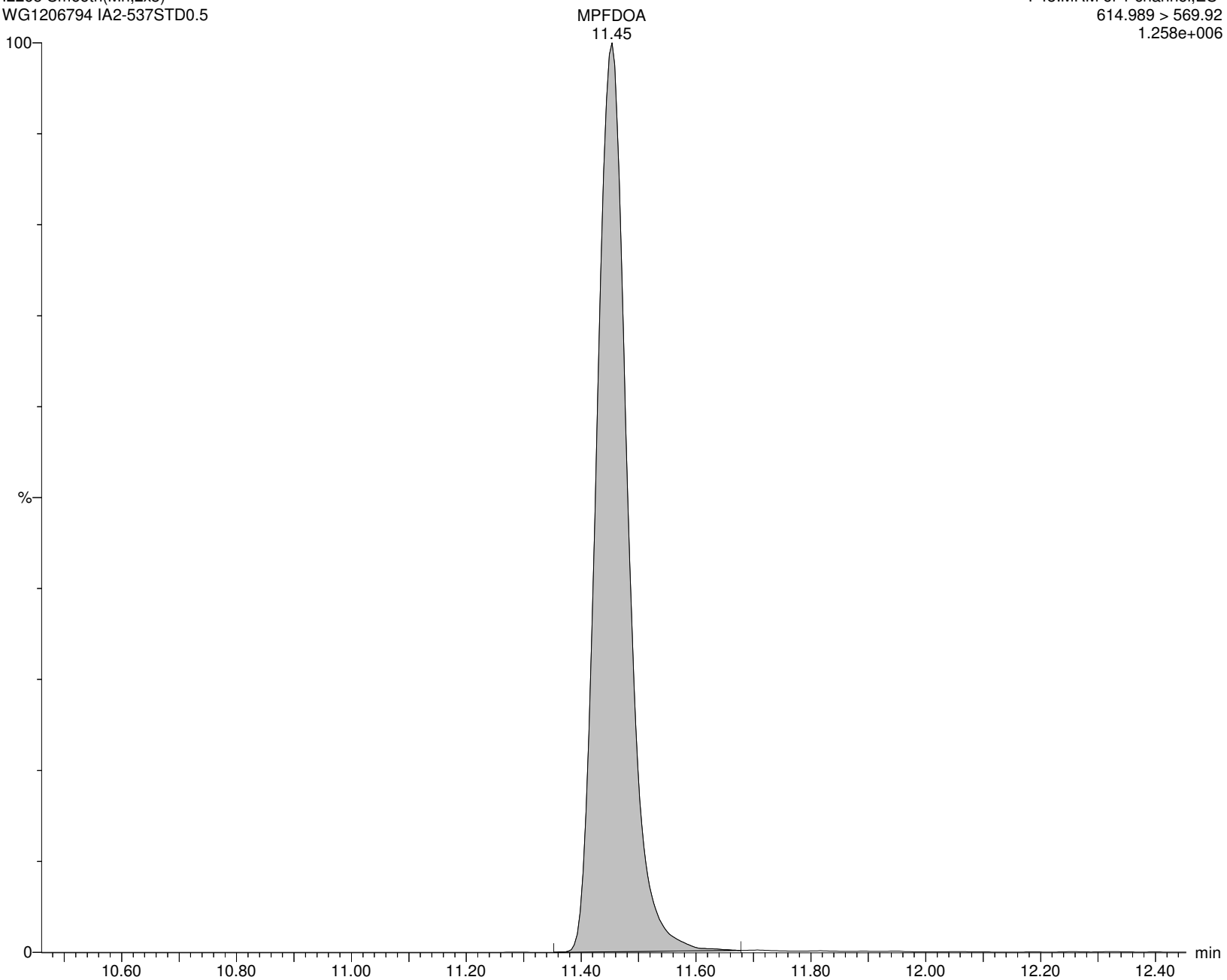
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F48:MRM of 1 channel,ES-

614.989 > 569.92

1.258e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTTrDA

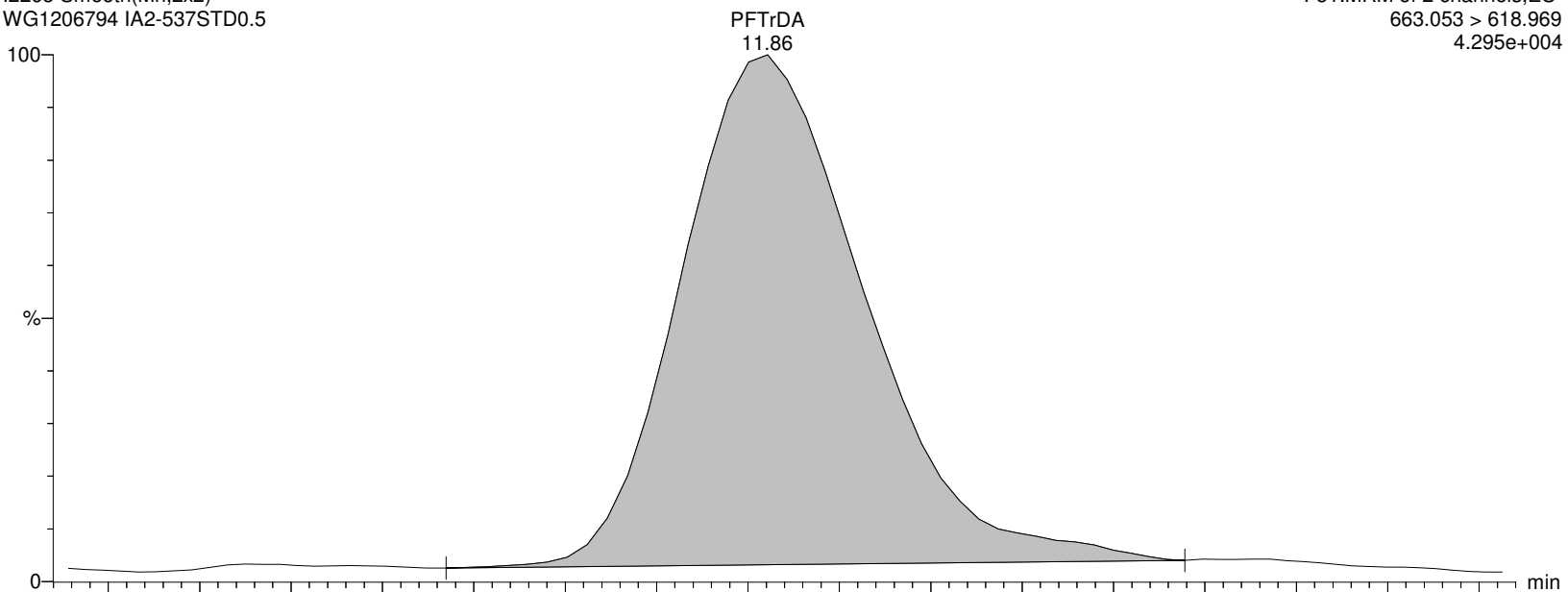
I2265 Smooth(Mn,2x2)

WG1206794 IA2-537STD0.5

F51:MRM of 2 channels,ES-

663.053 > 618.969

4.295e+004



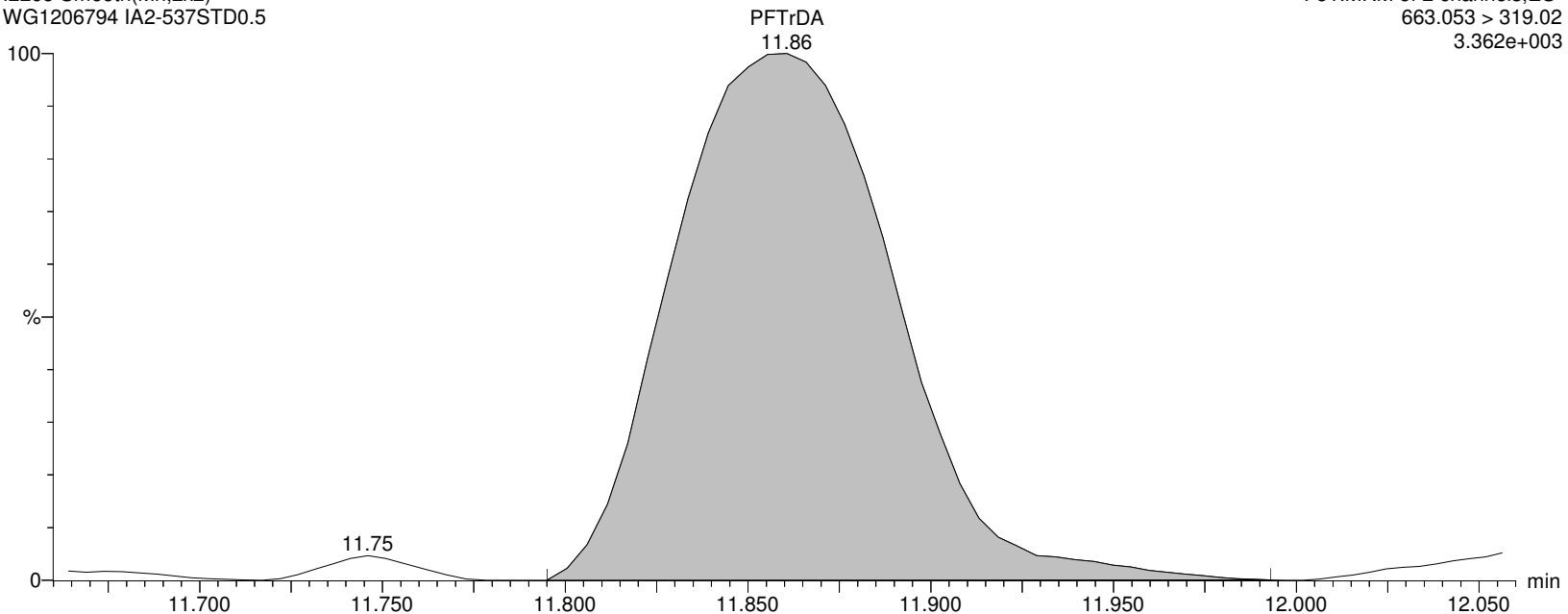
I2265 Smooth(Mn,2x2)

WG1206794 IA2-537STD0.5

F51:MRM of 2 channels,ES-

663.053 > 319.02

3.362e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTA

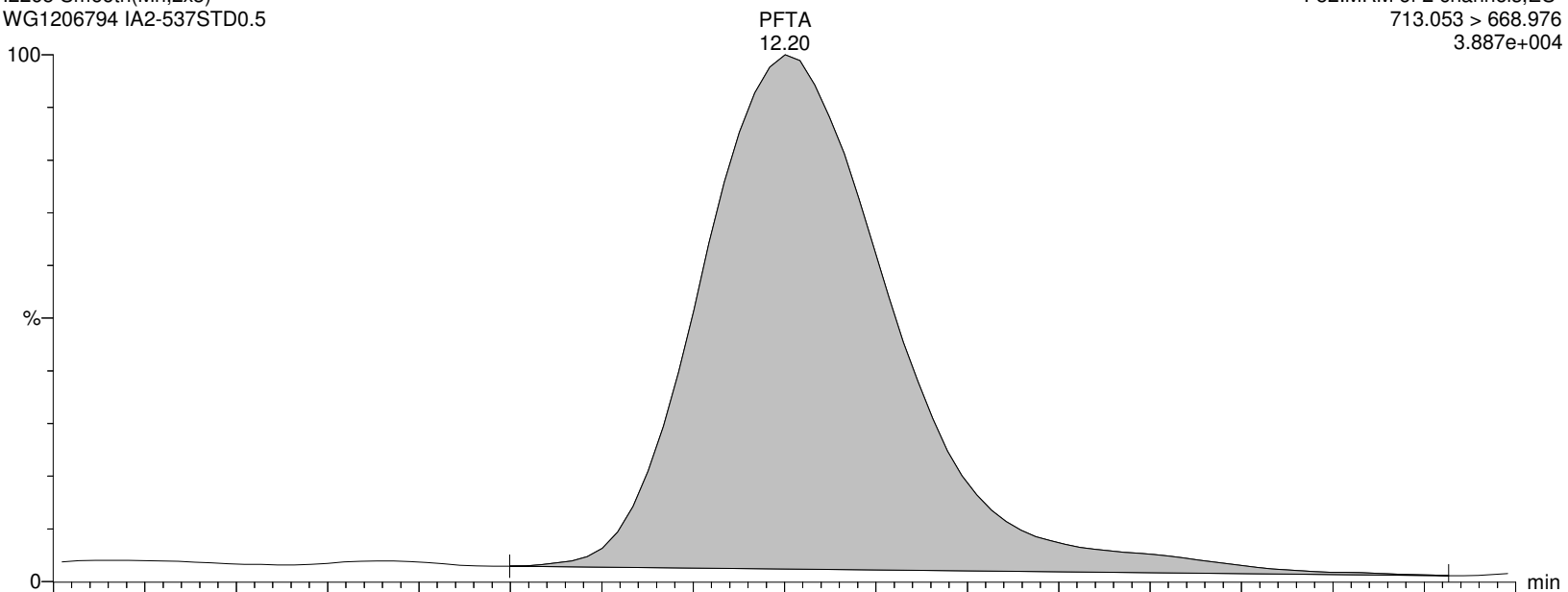
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F52:MRM of 2 channels,ES-

713.053 > 668.976

3.887e+004



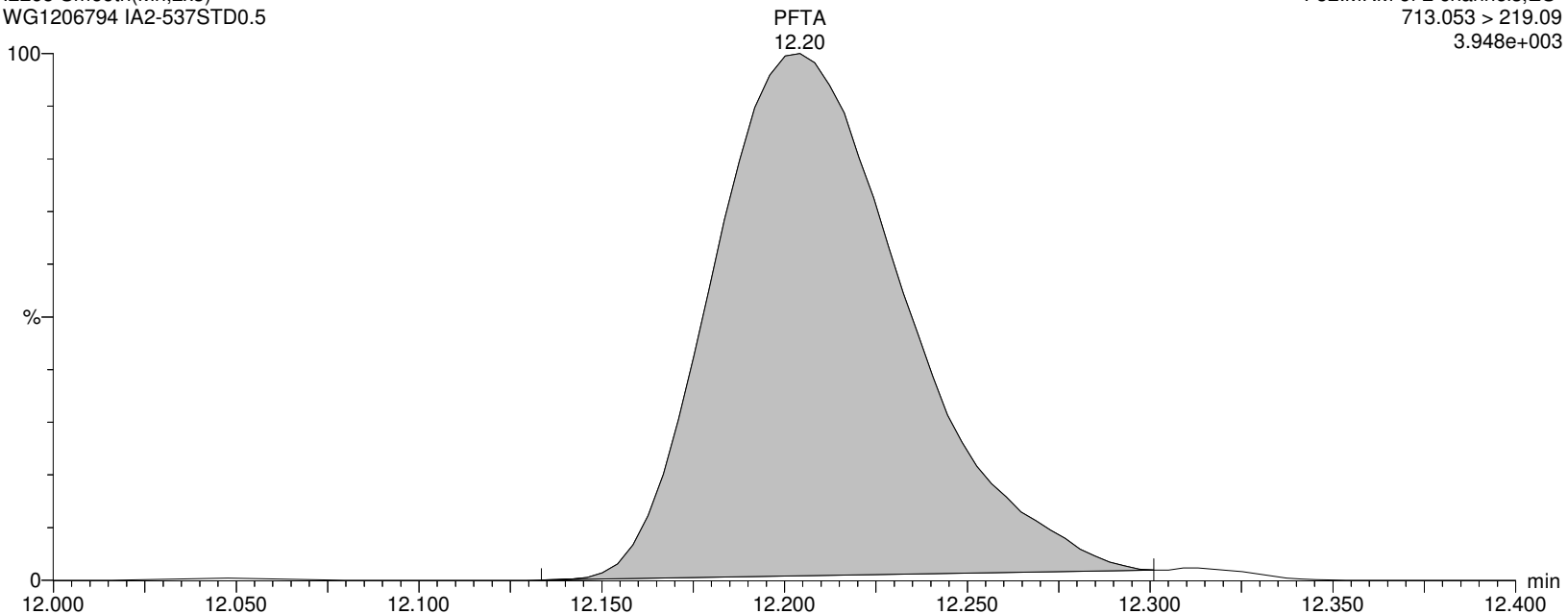
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F52:MRM of 2 channels,ES-

713.053 > 219.09

3.948e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFTEDA

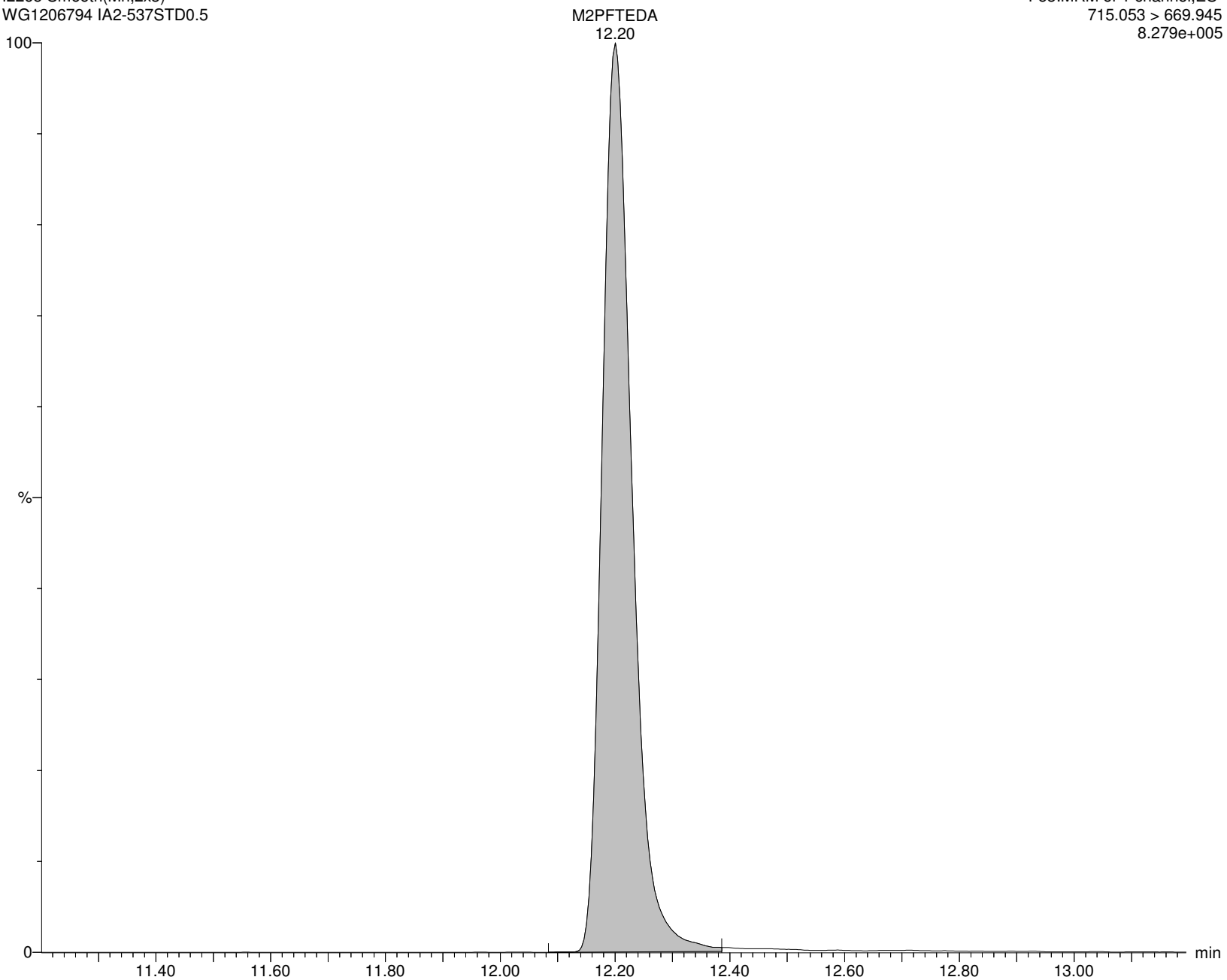
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F53:MRM of 1 channel,ES-

715.053 > 669.945

8.279e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3HFPO-DA

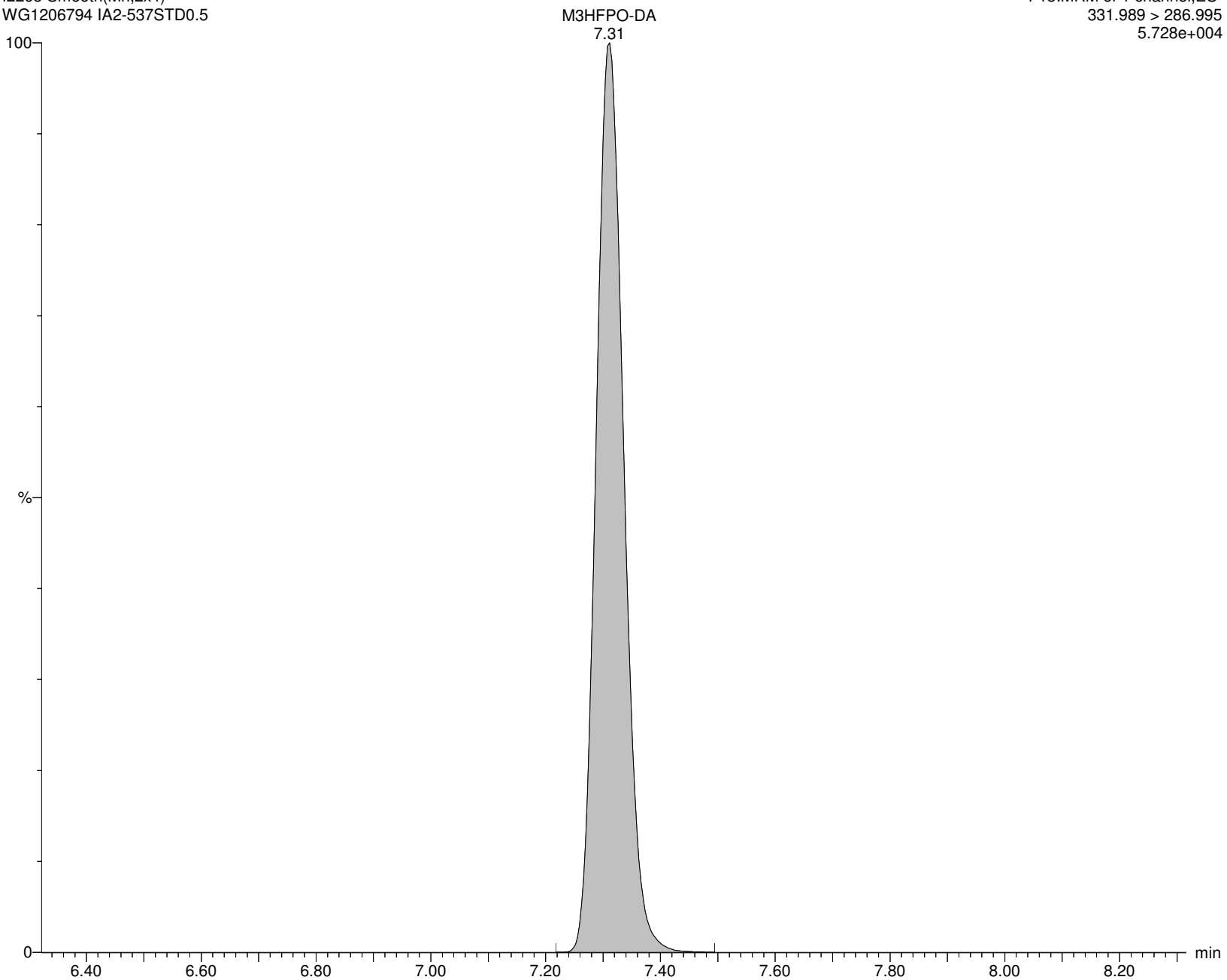
I2265 Smooth(Mn,2x4)

WG1206794 IA2-537STD0.5

F13:MRM of 1 channel,ES-

331.989 > 286.995

5.728e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

HFPO-DA

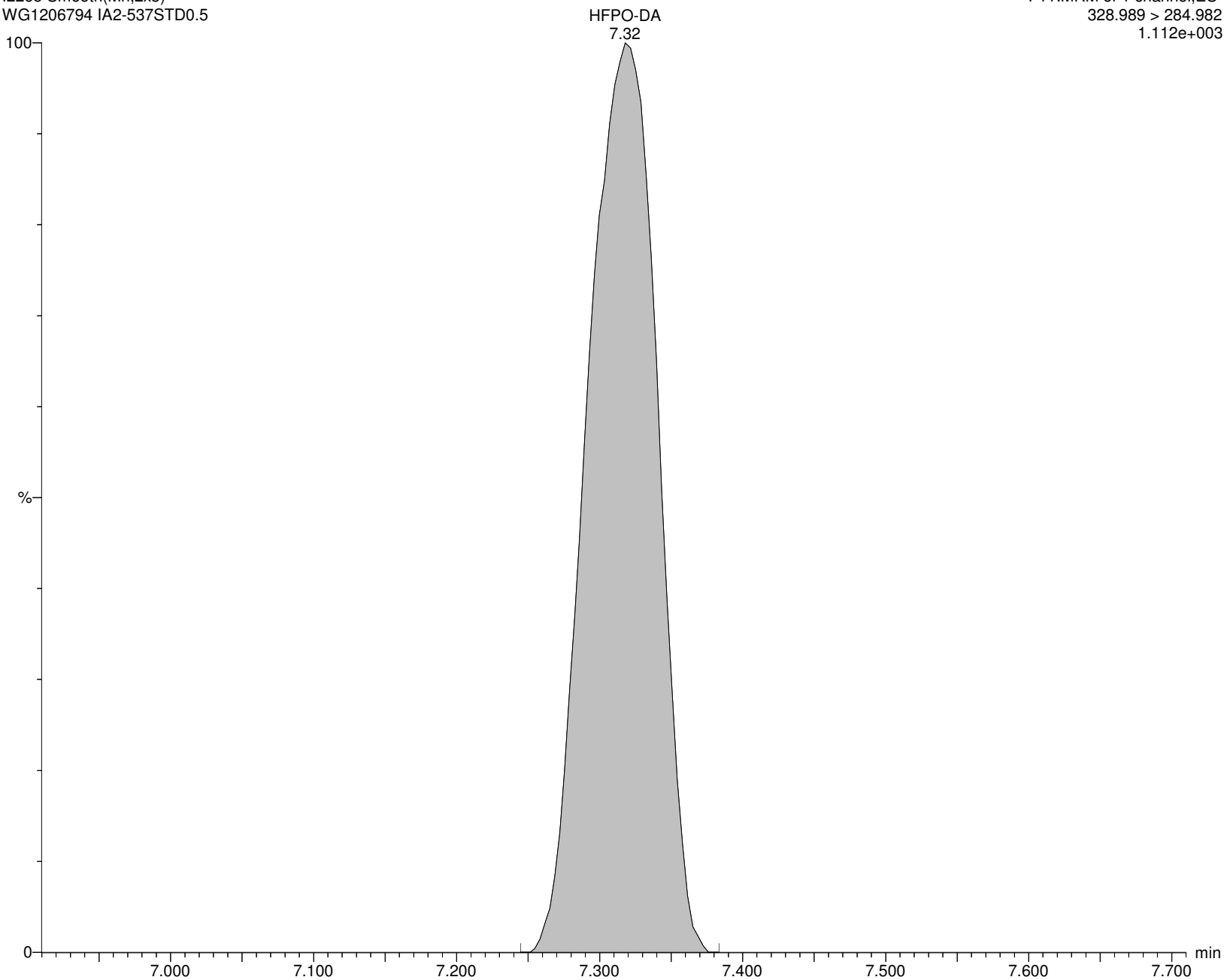
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F11:MRM of 1 channel,ES-

328.989 > 284.982

1.112e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

ADONA

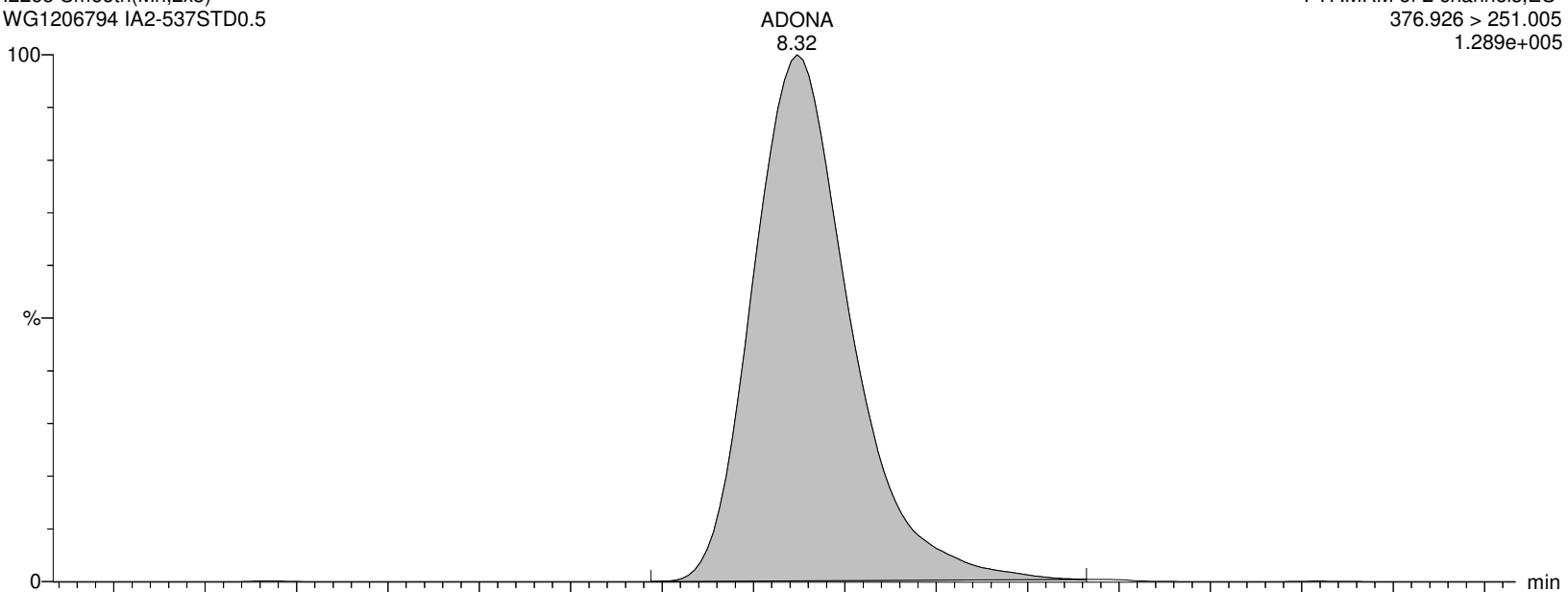
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F17:MRM of 2 channels,ES-

376.926 > 251.005

1.289e+005



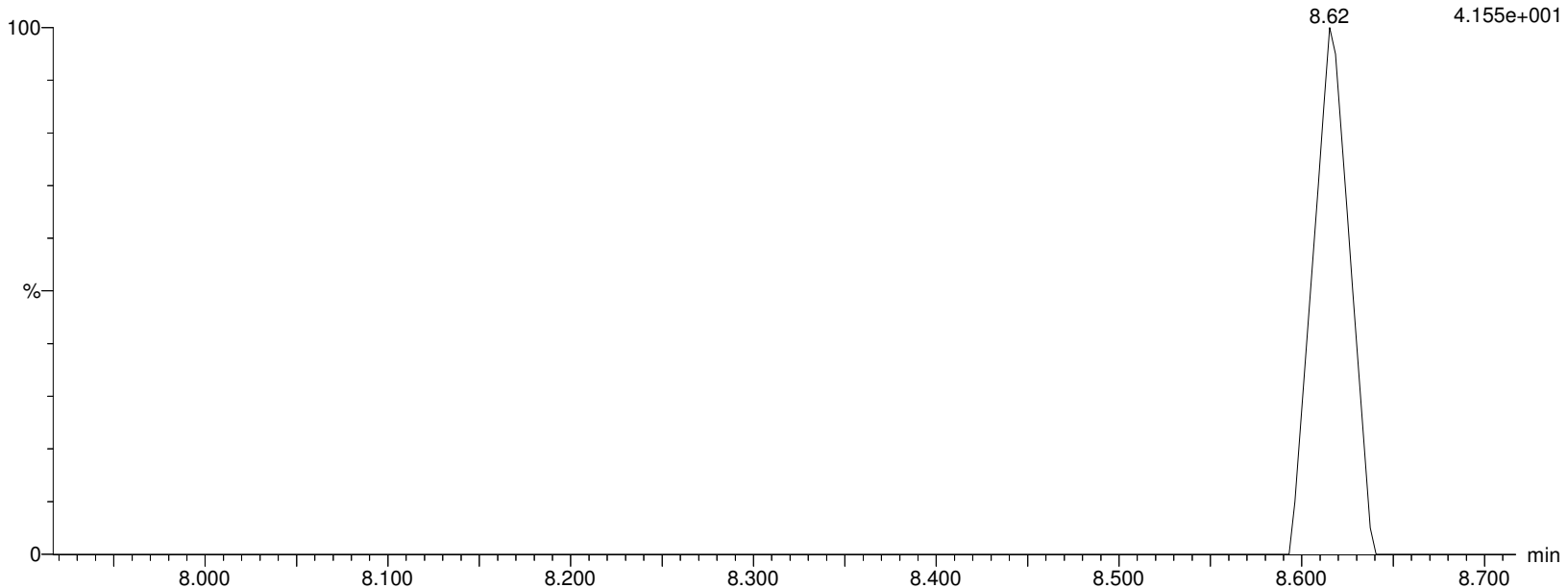
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F17:MRM of 2 channels,ES-

376.926 > 135.12

4.155e+001



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxDA

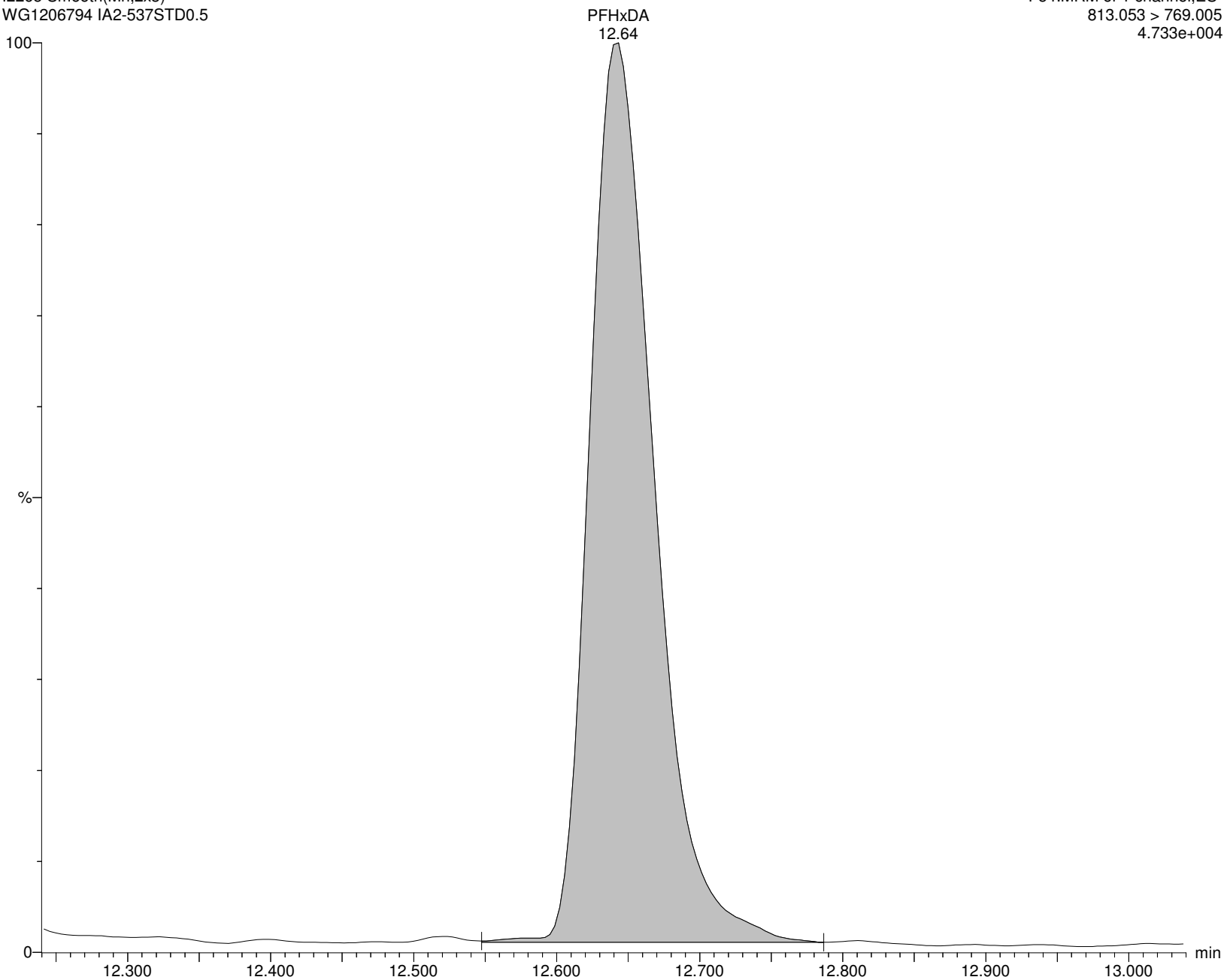
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F54:MRM of 1 channel,ES-

813.053 > 769.005

4.733e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFODA

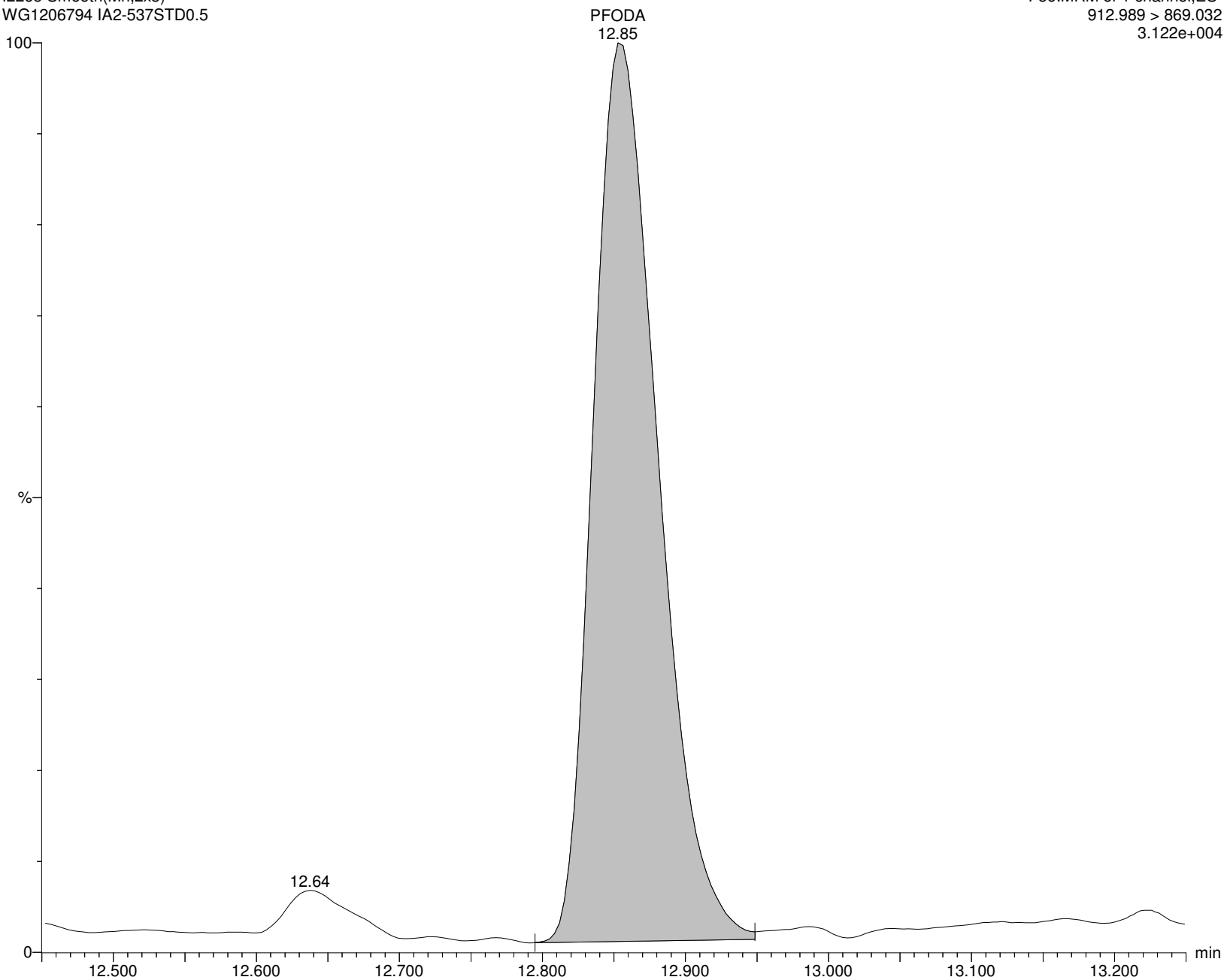
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F56:MRM of 1 channel,ES-

912.989 > 869.032

3.122e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:45:58 Eastern Standard Time

Name: I2265

ID: IA2-537STD0.5

Date: 14-Feb-2019

Time: 15:17:21

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFHxDA

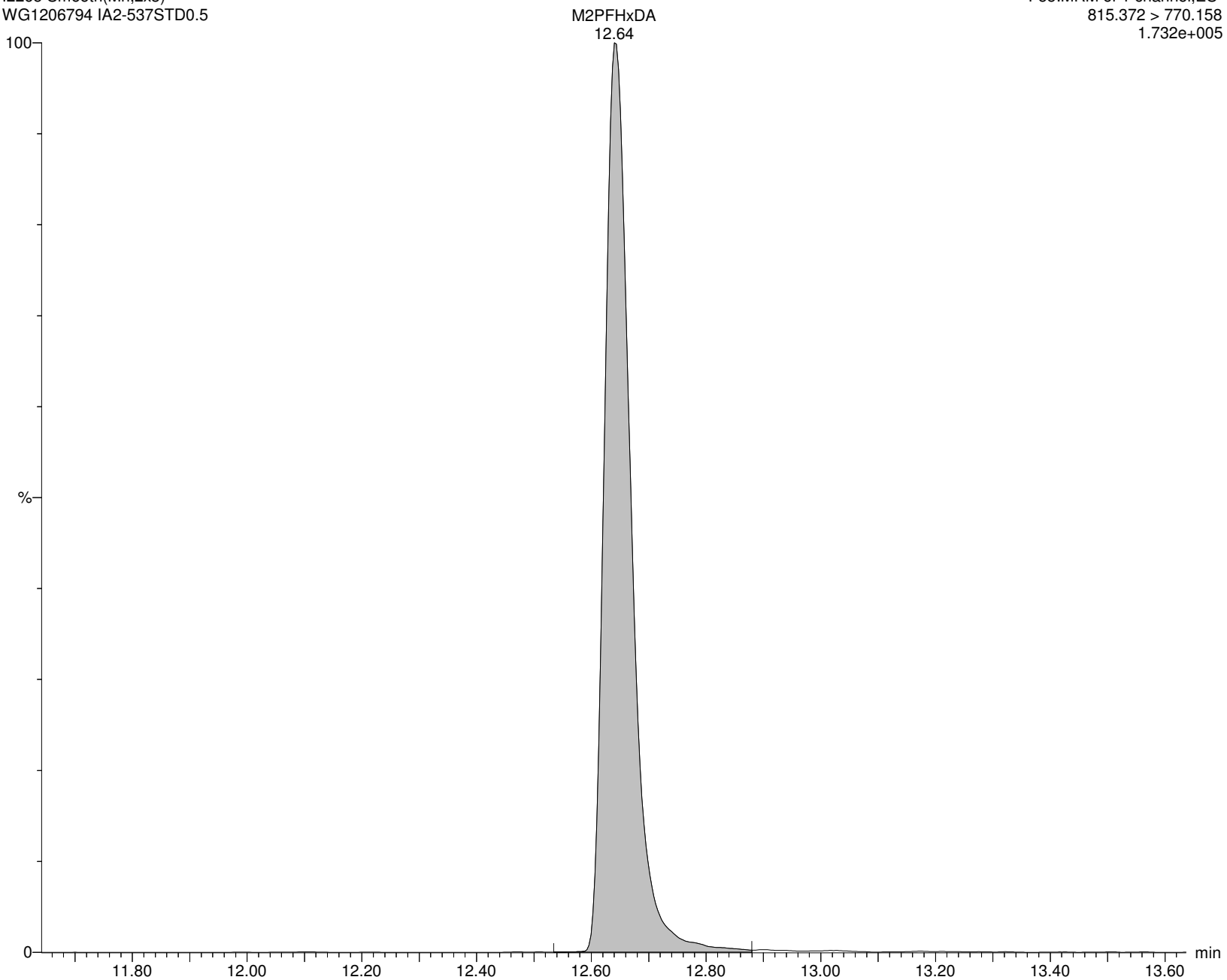
I2265 Smooth(Mn,2x3)

WG1206794 IA2-537STD0.5

F55:MRM of 1 channel,ES-

815.372 > 770.158

1.732e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Method: C:\MassLynx\Data\2019\190214_537ISO.PRO\MethDB\537ISO_Q.mdb 10 Jan 2019 15:42:15

Calibration: C:\MassLynx\Data\2019\190214_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 07:45:17

ID: IA2-537STD1.0

Name: I2266

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:PB

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.32	212.926 > 169.111	4448		0.965		na	96.5
2	M3PFBA	INT STD	2.31	215.926 > 172.122	49807		10.493		na	104.9
3	MPFBA	INT STD	2.31	216.926 > 172.137	53751		9.990		na	99.9
4	PFPeA	2706-90-3	5.05	262.926 > 219.002	7245		0.977		na	97.7
5	M5PFPEA	INT STD	5.05	267.989 > 223.081	69275		10.350		na	103.5
6	PFBS	375-73-5	5.66	298.989 > 80.295	1012		0.779		na	88.0
7	M3PFBS	INT STD	5.67	301.989 > 80.254	12445		9.519		na	95.2
8	4:2FTS	757124-72-4	6.81	326.926 > 306.957	562		0.955	2.15	YES	102.2
9	M2-4:2FTS	INT STD	6.81	329.117 > 309.079	4908		8.092		na	80.9
10	PFHxA	307-24-4	6.89	312.989 > 269.028	9105		0.996	18.76	NO	99.6
11	M5PFHxA	INT STD	6.89	317.989 > 273.045	90306		10.249		na	102.5
12	PFPeS	2706-91-4	7.19	348.926 > 80.251	1184		0.867	2.02	NO	92.2
13	PFHpA	375-85-9	8.15	362.926 > 319.014	11007		0.940	5.79	NO	94.0
14	M4PFHpA	INT STD	8.14	366.926 > 321.979	116992		10.278		na	102.8
15	br-PFHxS	355-46-4	8.07	398.926 > 80.295	126		0.107	2.03	YES	63.1
16	L-PFHxS	355-46-4	8.30	398.926 > 80.295	886		0.686	1.60	NO	92.7
17	PFHxS	355-46-4		398.926 > 80.295	1012		0.793		na	
18	M3PFHxS	INT STD	8.30	401.926 > 80.317	9333		10.085		na	100.8
19	br-PFOA	335-67-1		412.989 > 368.9			ND		YES	
20	L-PFOA	335-67-1	9.08	412.989 > 368.9	10333		0.940	11.07	NO	94.0
21	M2PFOA	INT STD	9.08	415.032 > 369.968	105983		10.702		na	107.0
22	PFOA	335-67-1		412.989 > 368.9	10333		0.940		na	
23	M8PFOA	INT STD	9.08	420.989 > 375.979	102802		10.100		na	101.0
24	6:2FTS	27619-97-2	9.04	426.989 > 406.921	437		0.906		na	95.3
25	M2-6:2FTS	INT STD	9.03	428.989 > 408.917	4819		7.911		na	79.1
26	PFHpS	375-92-8	9.17	448.926 > 80.257	565		0.819	1.04	YES	86.2
27	PFNA	375-95-1	9.83	462.989 > 418.931	8556		0.941	5.12	NO	94.1
28	M9PFNA	INT STD	9.83	472.053 > 426.947	98272		10.153		na	101.5
29	br-PFOS	1763-23-1	9.69	498.989 > 80.294	239		0.177	6.88	NO	88.5
30	L-PFOS	1763-23-1	9.88	498.989 > 80.294	726		0.631	1.65	YES	86.5
31	PFOS	1763-23-1		498.989 > 80.294	965		0.808		na	
32	M4PFOS	INT STD	9.87	503.032 > 80.306	10511		11.368		na	113.7
33	M8PFOS	INT STD	9.87	507.053 > 80.294	10050		9.509		na	95.1
34	PFDA	335-76-2	10.45	513.053 > 468.906	7573		0.892	6.45	NO	89.2
35	M2PFDA	INT STD	10.46	515.053 > 469.934	84504		11.203		na	112.0
36	M6PFDA	INT STD	10.46	519.053 > 473.931	91588		10.127		na	101.3
37	8:2FTS	39108-34-4	10.45	526.989 > 506.946	304		1.019		na	106.1
38	M2-8:2FTS	INT STD	10.44	529.053 > 508.945	2615		7.797		na	78.0
39	PFNS	68259-12-1	10.48	548.989 > 80.249	984		1.141	1.79	YES	118.8

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

ID: IA2-537STD1.0

Name: I2266

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:PB

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.84	573.096 > 418.987	7282		8.467		na	84.7
41	NMeFOSAA	2355-31-9	10.85	570.053 > 418.917	677		0.899		na	89.9
42	PFUnA	2058-94-8	10.98	562.989 > 518.903	8220		0.933	9.20	NO	93.3
43	M7-PFUDA	INT STD	10.98	570.053 > 524.923	81114		10.694		na	106.9
44	PFDS	335-77-3	10.99	598.926 > 80.314	752		0.932	1.23	YES	96.6
45	FOSA	754-91-6	10.94	497.989 > 78.245	2658		0.937		na	93.7
46	M8FOSA	INT STD	10.94	506.053 > 78.286	27527		9.692		na	96.9
47	d5-NEtFOSAA	INT STD	11.13	589.117 > 418.929	6954		8.936		na	89.4
48	NEtFOSAA	2991-50-6	11.13	583.989 > 418.927	798		1.060	3.04	NO	106.0
49	PFDoA	307-55-1	11.45	612.989 > 568.967	7194		0.960	17.34	NO	96.0
50	MPFDOA	INT STD	11.45	614.989 > 569.92	82372		9.465		na	94.6
51	PFTTrDA	72629-94-8	11.85	663.053 > 618.969	4963		0.882	10.74	NO	88.2
52	PFTA	376-06-7	12.20	713.053 > 668.976	4608		1.079	9.60	NO	107.9
53	M2PFTEDA	INT STD	12.20	715.053 > 669.945	50492		8.713		na	87.1
54	M3HFPO-DA	INT STD	7.31	331.989 > 286.995	3467		68.611		na	34.3
55	HFPO-DA	13252-13-6	7.32	328.989 > 284.982	180		18.847		na	94.2
56	ADONA	958445-44-8	8.32	376.926 > 251.005	16084		0.919		YES	97.1
57	PFHxDA		12.64	813.053 > 769.005	4445		1.207		na	120.7
58	PFODA		12.85	912.989 > 869.032	3617		1.030		na	103.0
59	M2PFHxDA		12.64	815.372 > 770.158	9306		8.400		na	84.0

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Method: C:\MassLynx\Data\2019\190214_537ISO.PRO\MethDB\537ISO_Q.mdb 10 Jan 2019 15:42:15

Calibration: C:\MassLynx\Data\2019\190214_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 07:45:17

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBA

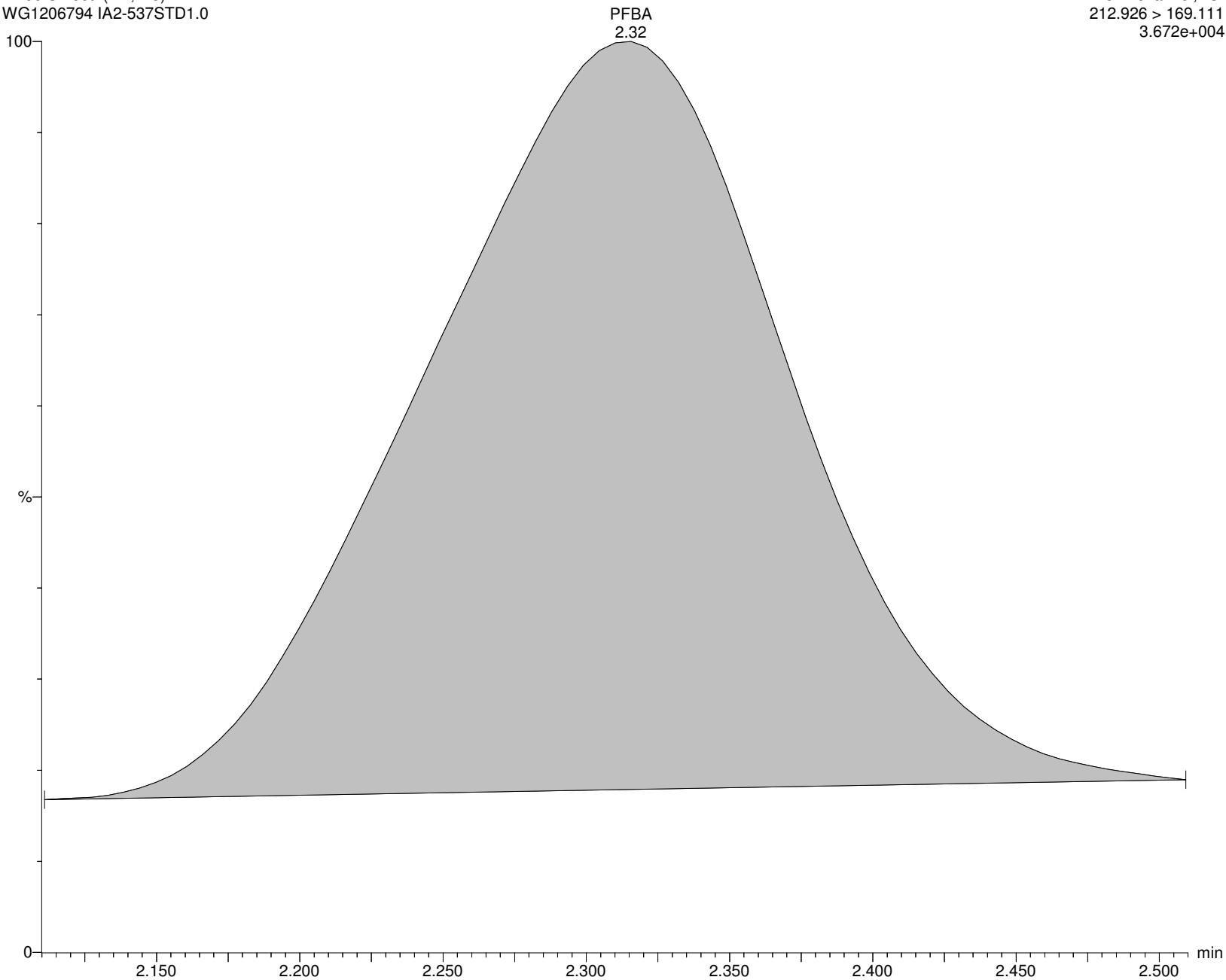
I2266 Smooth(Mn,2x5)

WG1206794 IA2-537STD1.0

F1:MRM of 1 channel,ES-

212.926 > 169.111

3.672e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBA

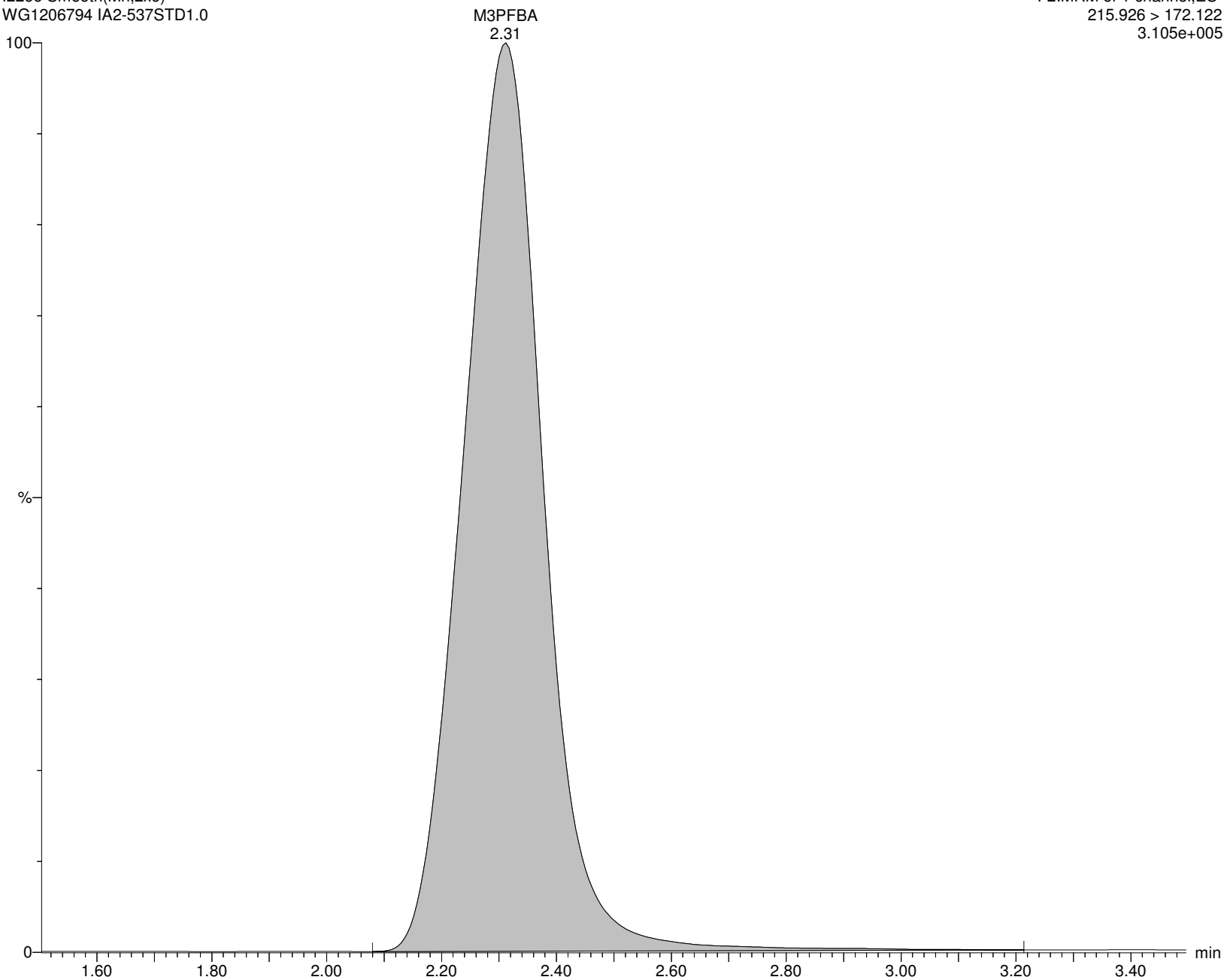
I2266 Smooth(Mn,2x6)

WG1206794 IA2-537STD1.0

F2:MRM of 1 channel,ES-

215.926 > 172.122

3.105e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFBA

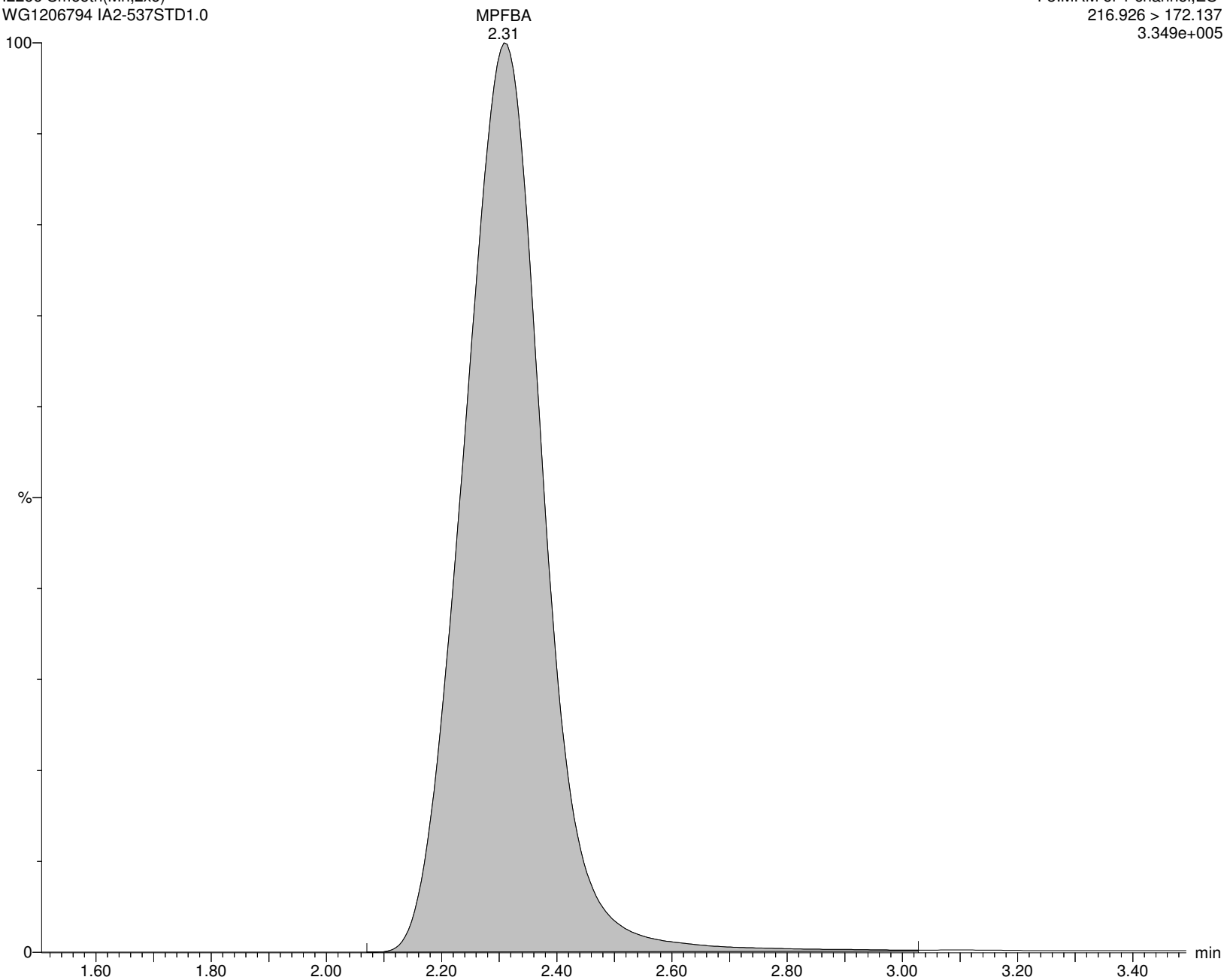
I2266 Smooth(Mn,2x6)

WG1206794 IA2-537STD1.0

F3:MRM of 1 channel,ES-

216.926 > 172.137

3.349e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeA

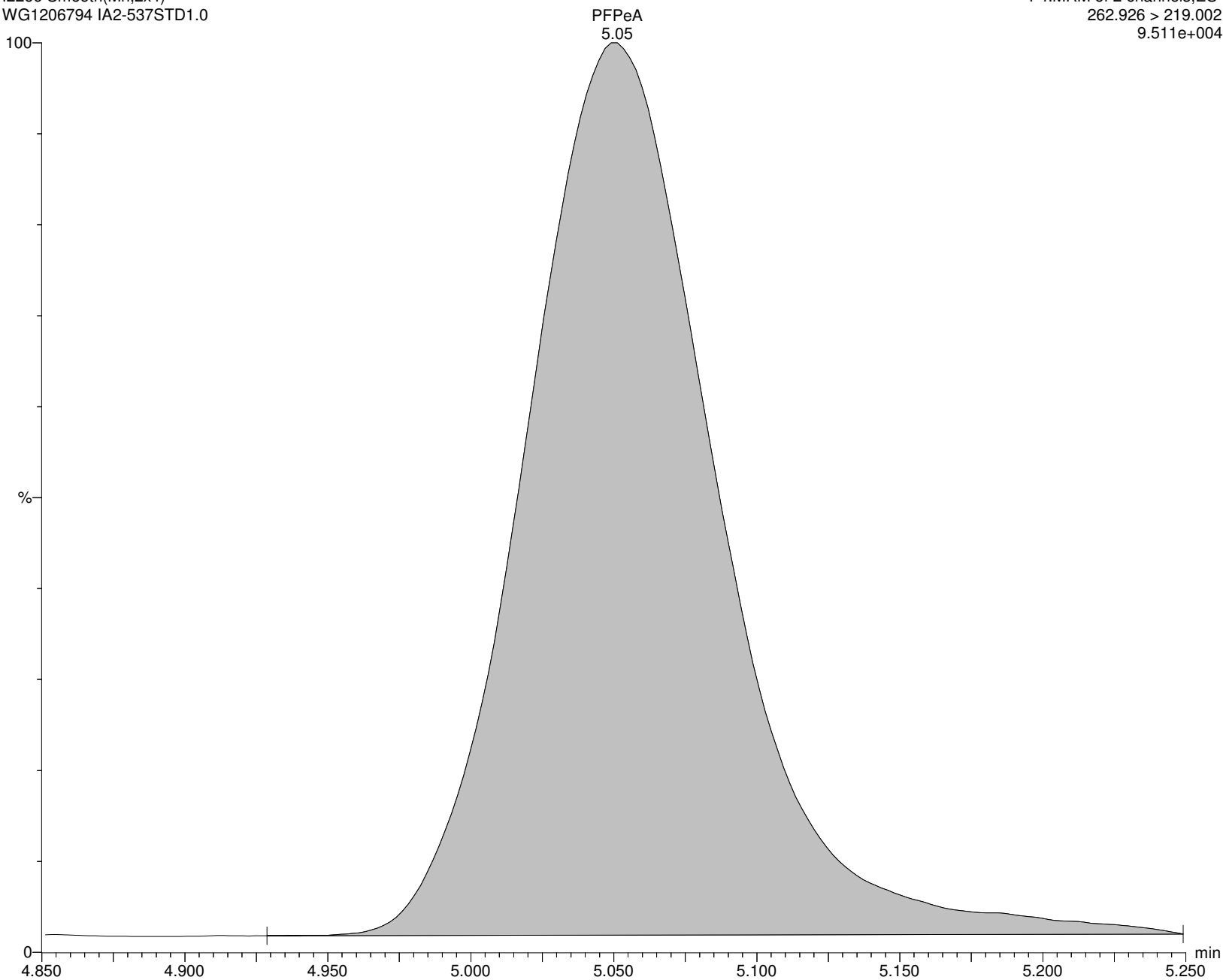
I2266 Smooth(Mn,2x4)

WG1206794 IA2-537STD1.0

F4:MRM of 2 channels,ES-

262.926 > 219.002

9.511e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFPEA

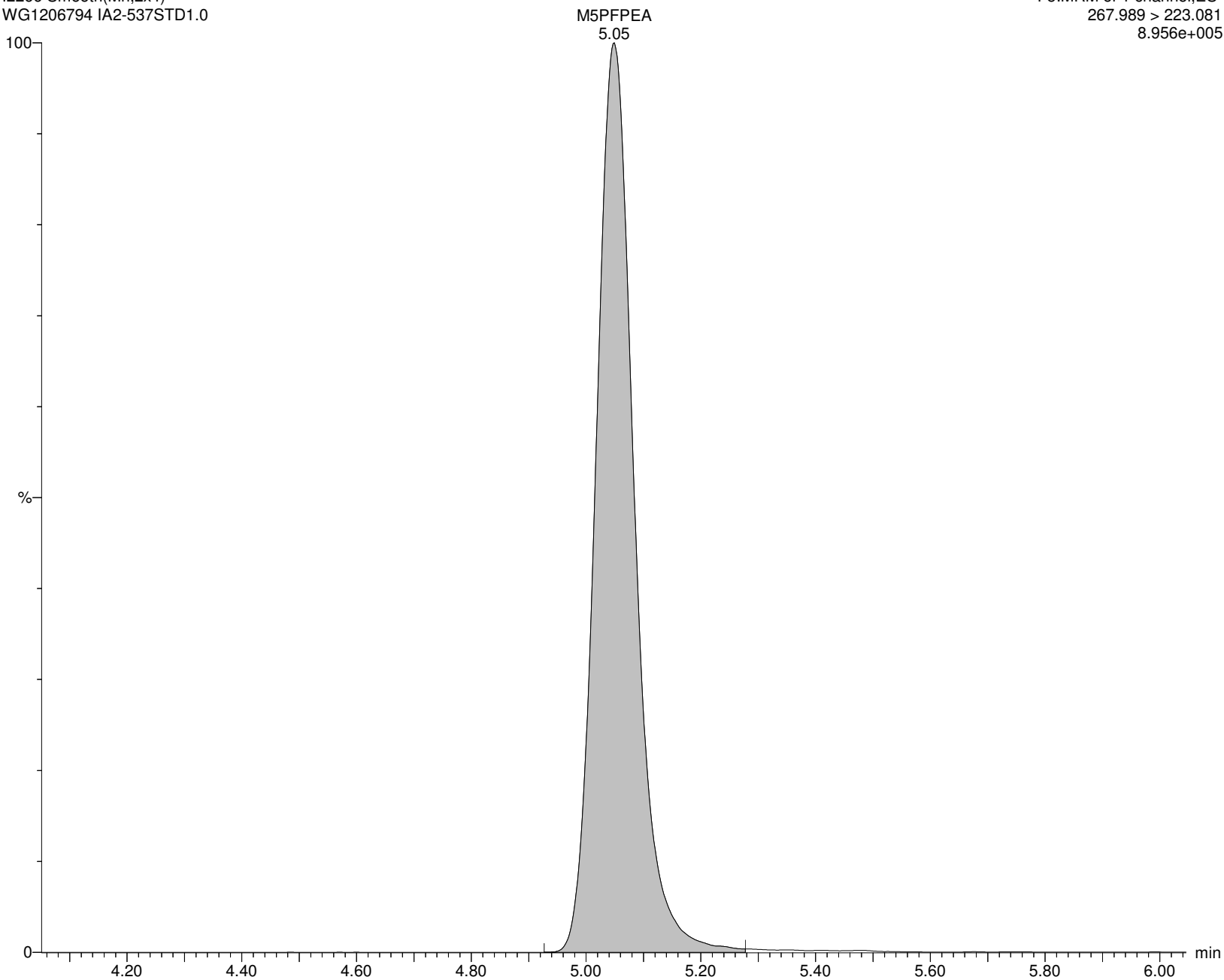
I2266 Smooth(Mn,2x4)

WG1206794 IA2-537STD1.0

F5:MRM of 1 channel,ES-

267.989 > 223.081

8.956e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBS

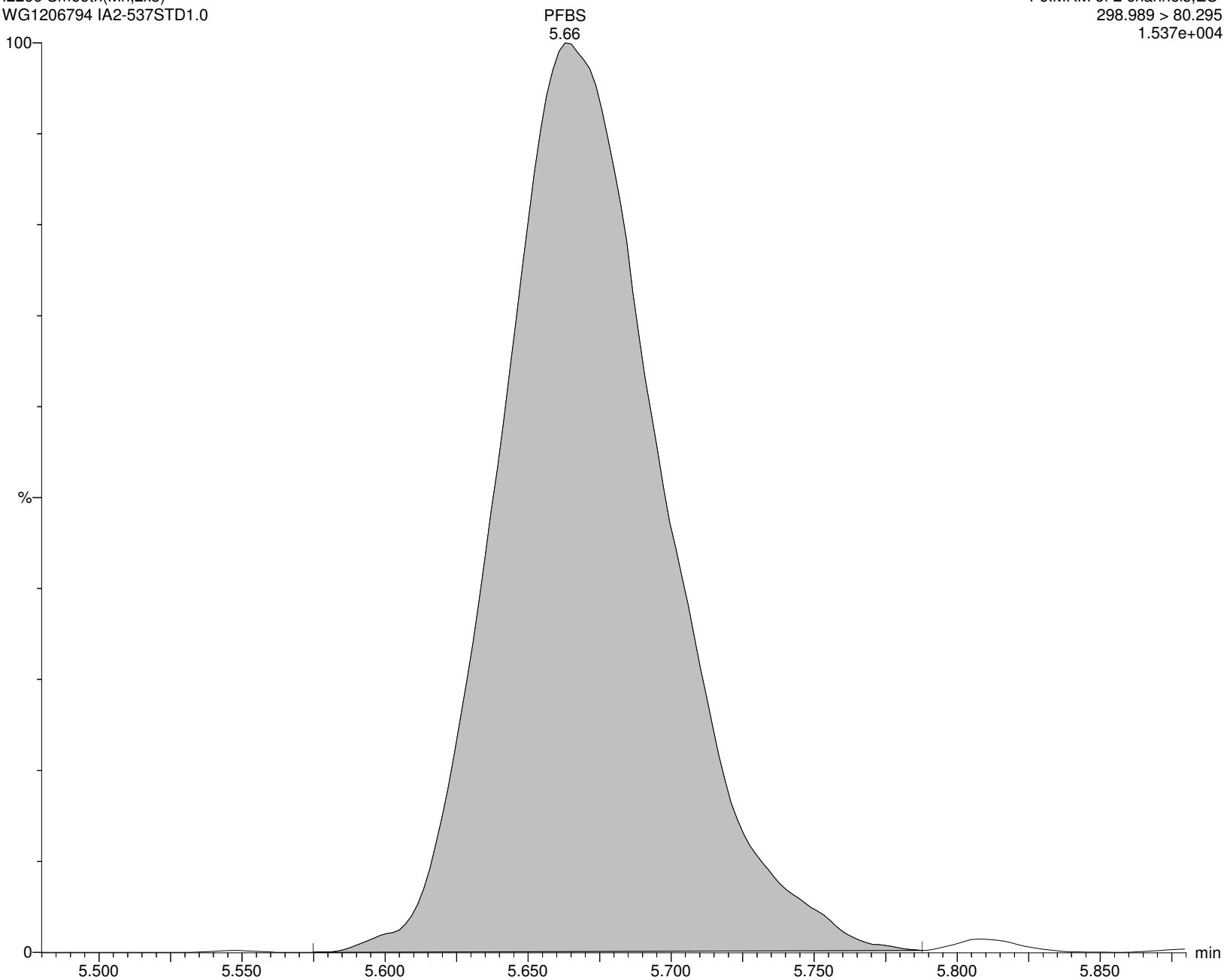
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F6:MRM of 2 channels,ES-

298.989 > 80.295

1.537e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBS

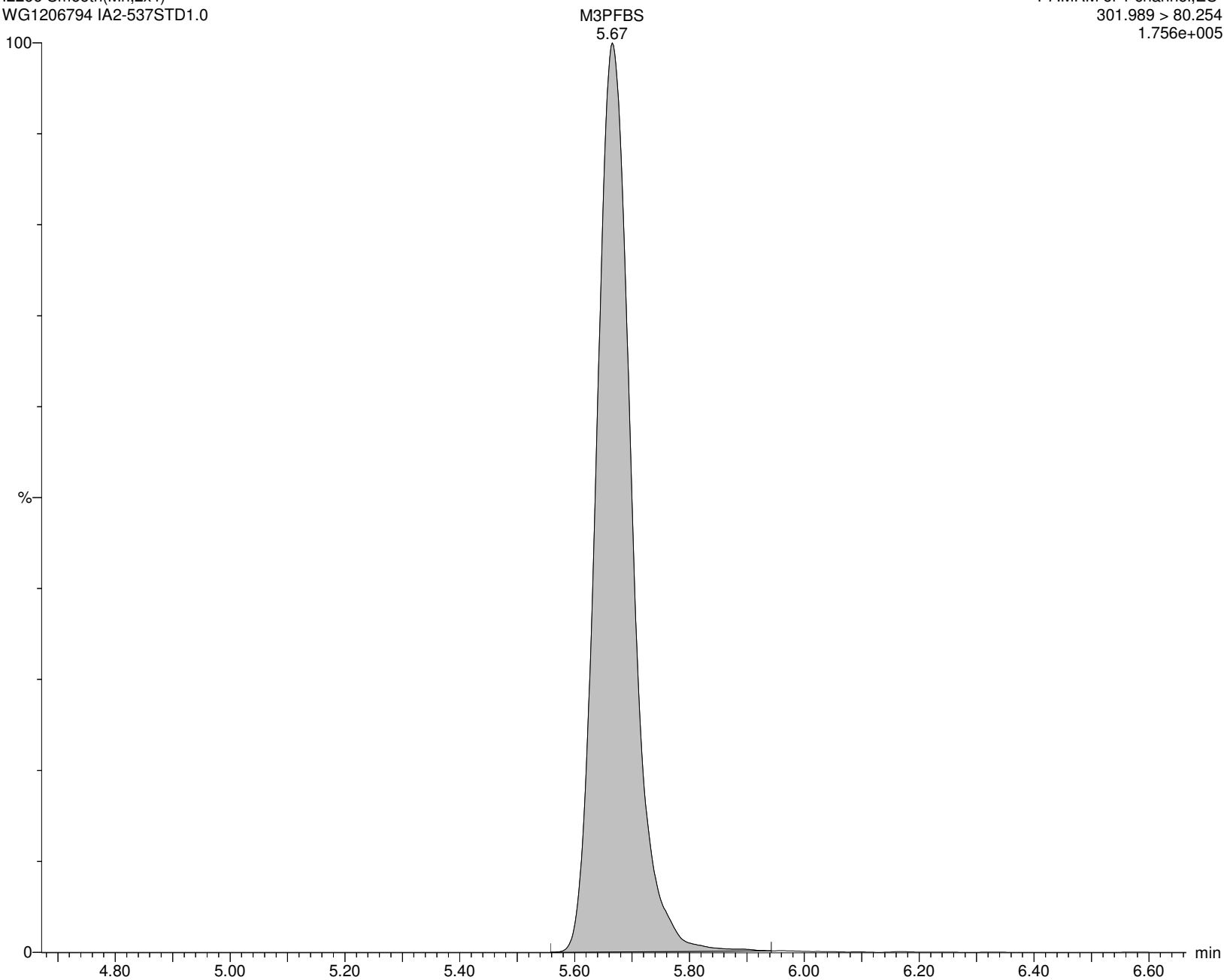
I2266 Smooth(Mn,2x4)

WG1206794 IA2-537STD1.0

F7:MRM of 1 channel,ES-

301.989 > 80.254

1.756e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

4:2FTS

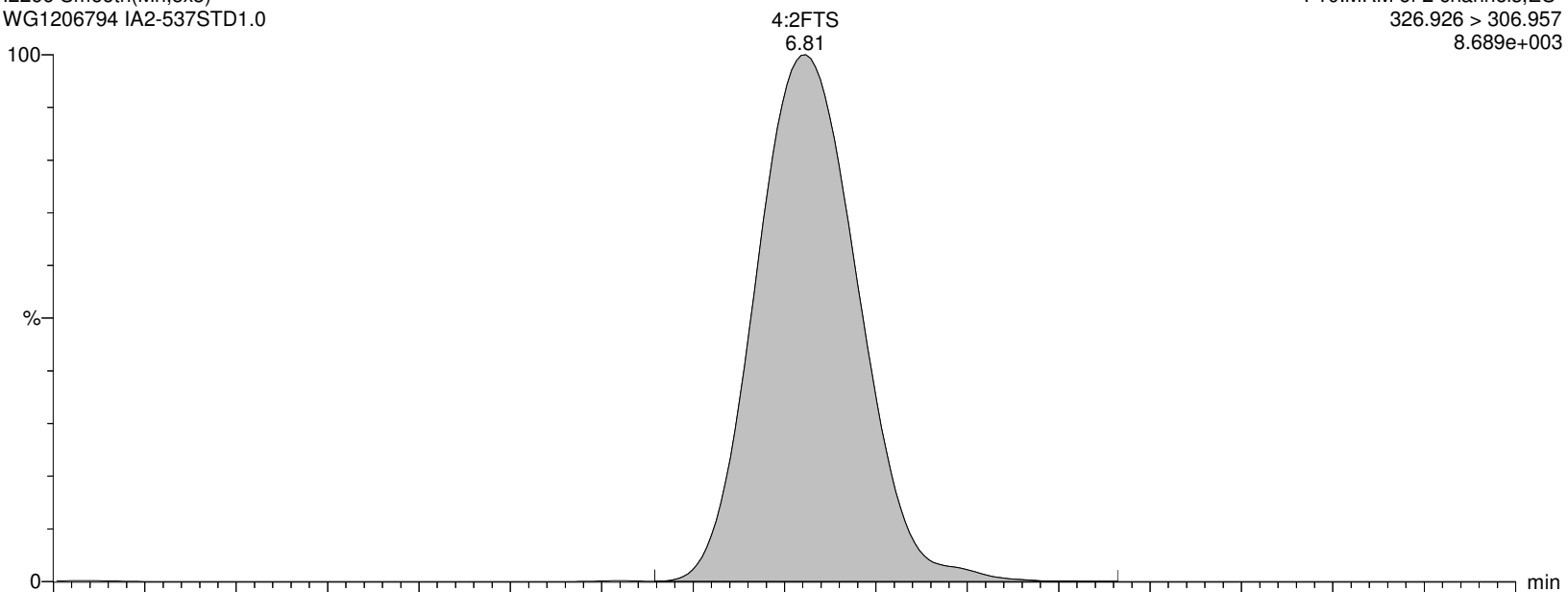
I2266 Smooth(Mn,5x3)

WG1206794 IA2-537STD1.0

F10:MRM of 2 channels,ES-

326.926 > 306.957

8.689e+003



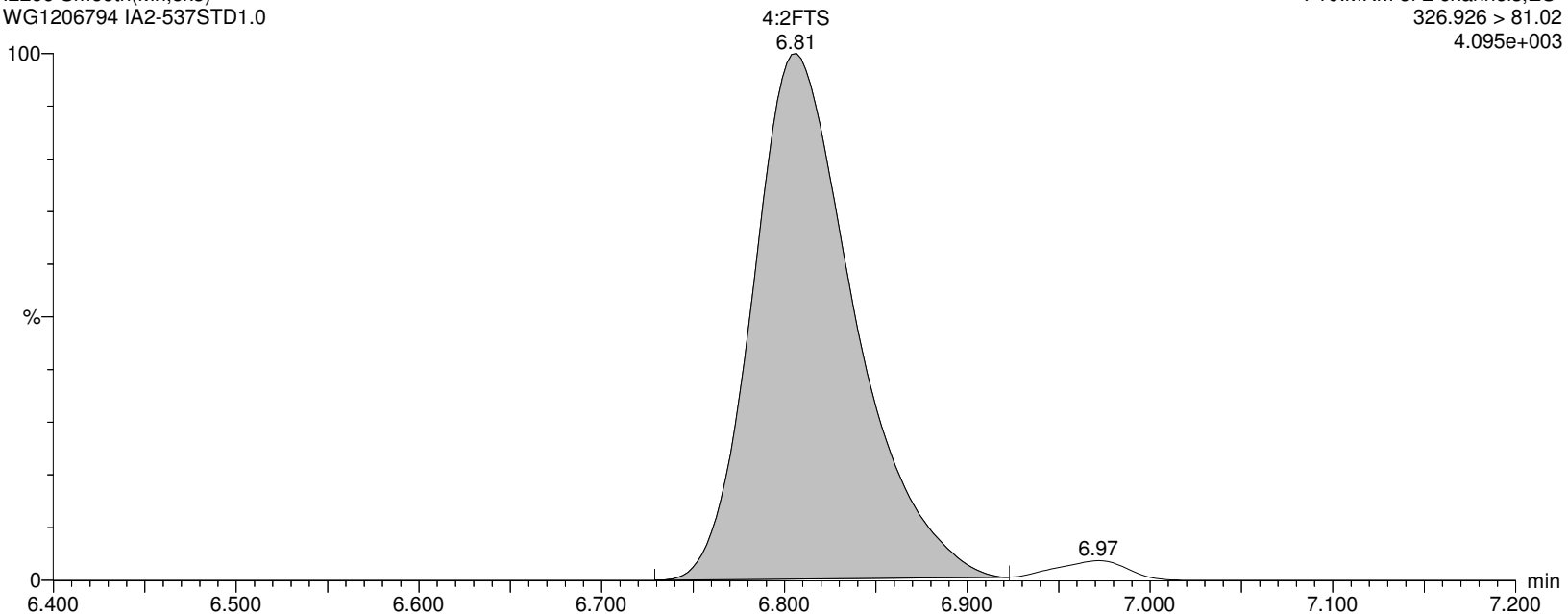
I2266 Smooth(Mn,5x3)

WG1206794 IA2-537STD1.0

F10:MRM of 2 channels,ES-

326.926 > 81.02

4.095e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-4:2FTS

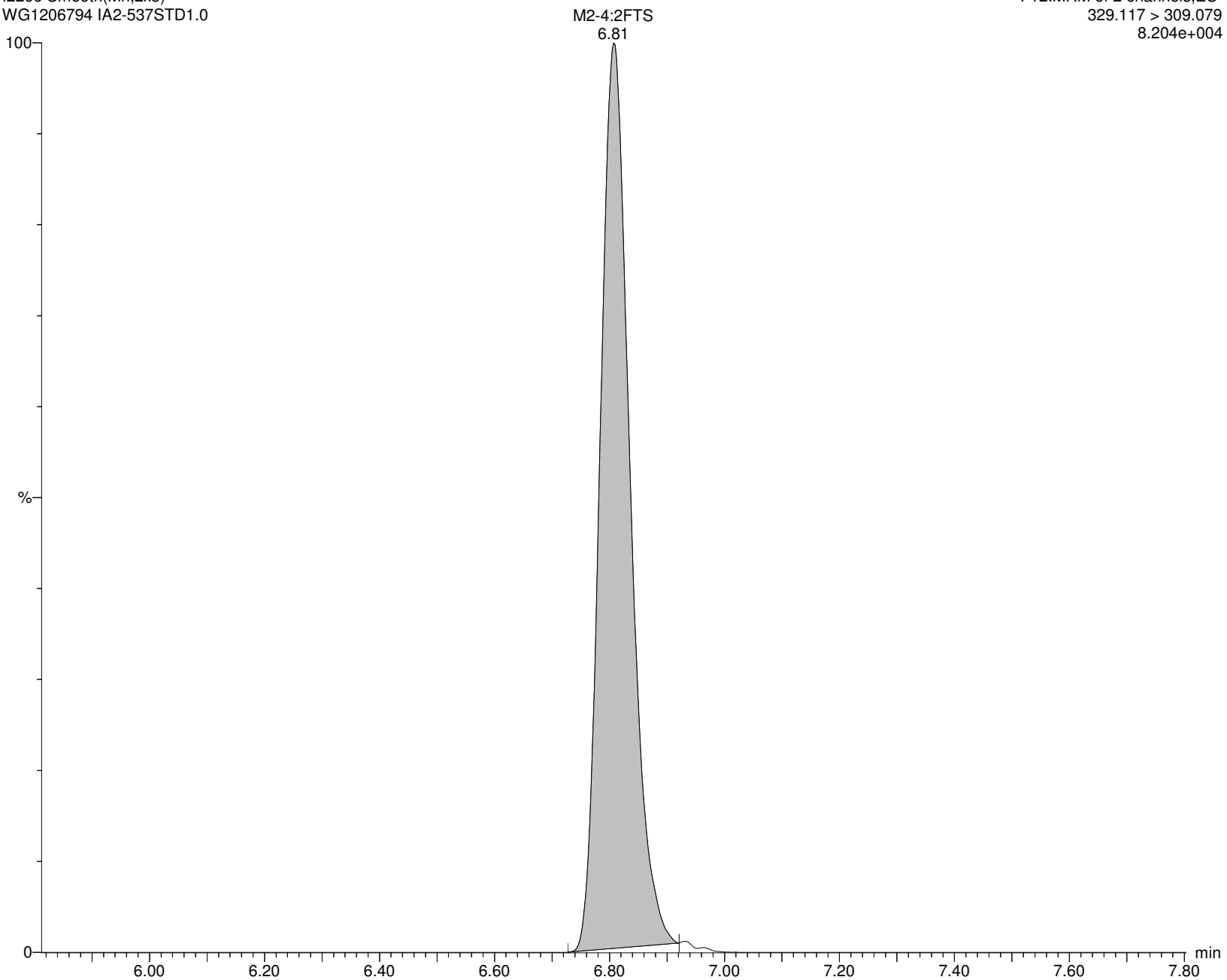
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F12:MRM of 2 channels,ES-

329.117 > 309.079

8.204e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxA

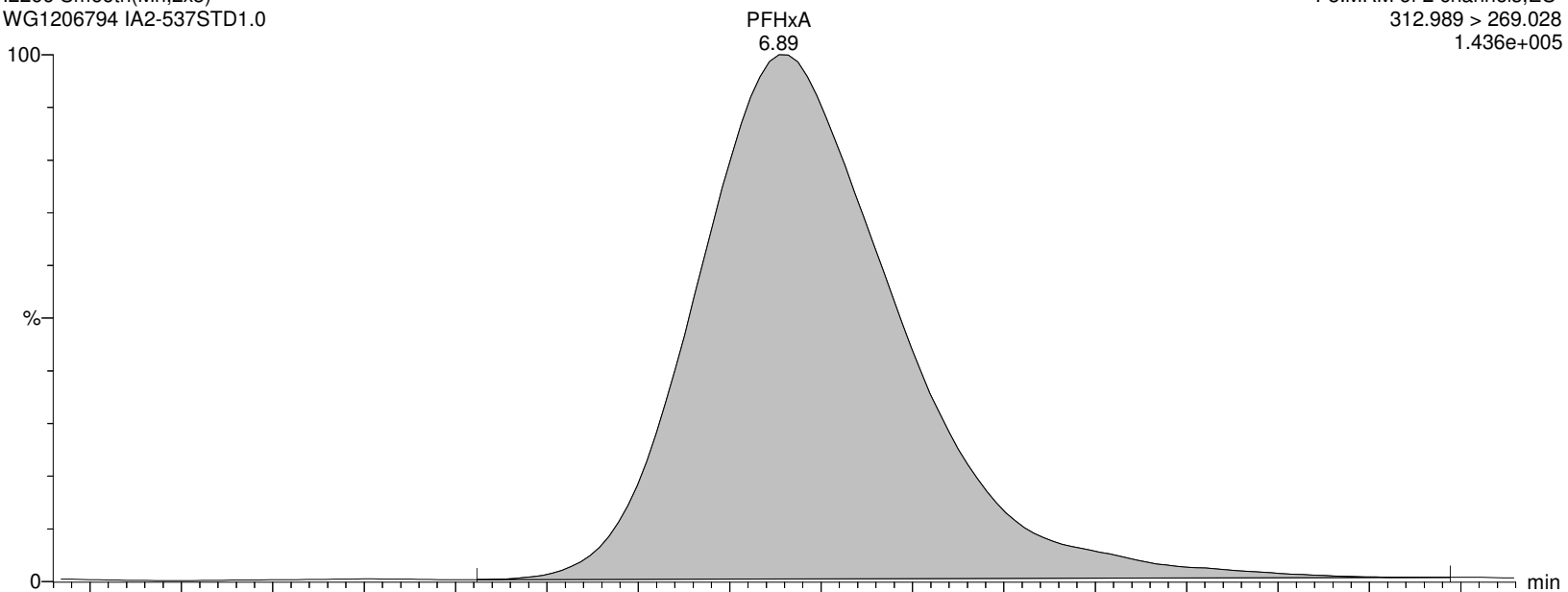
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F8:MRM of 2 channels,ES-

312.989 > 269.028

1.436e+005



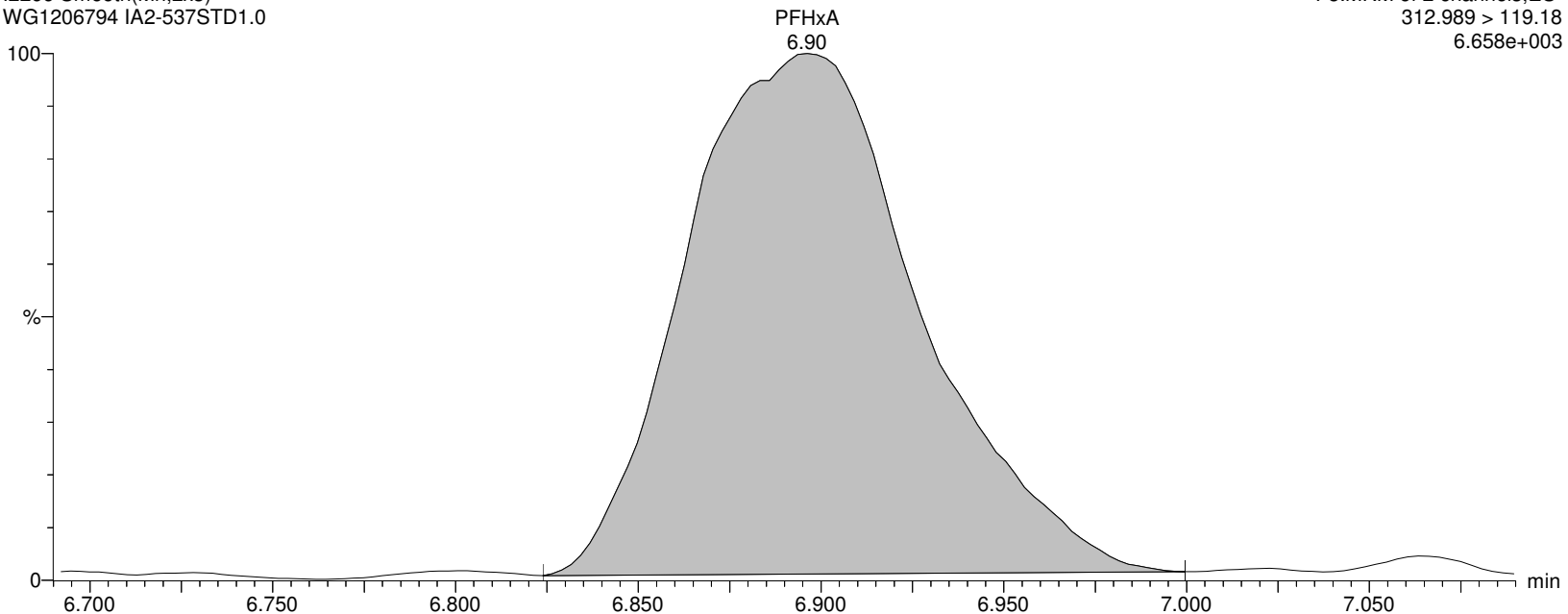
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F8:MRM of 2 channels,ES-

312.989 > 119.18

6.658e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFHxA

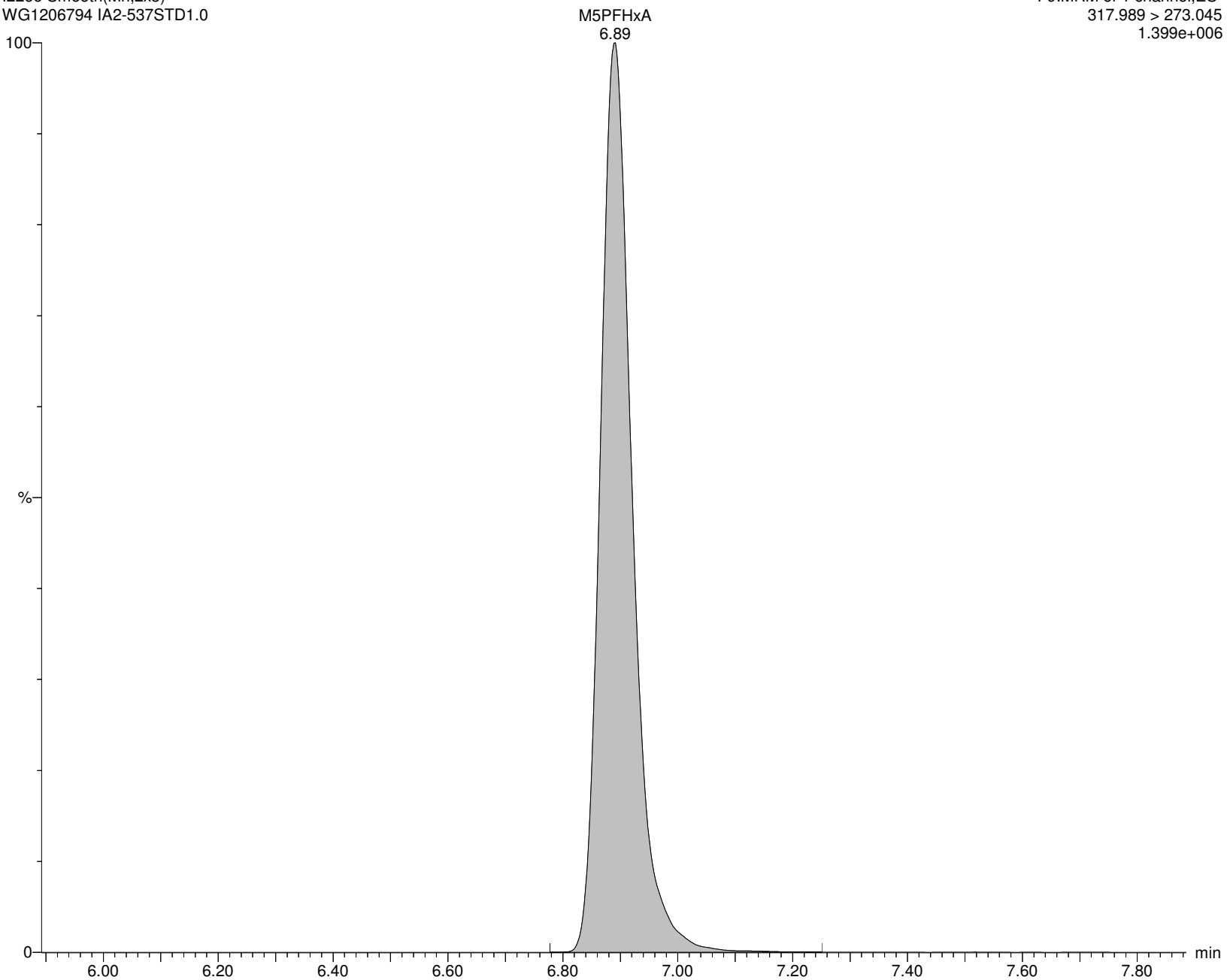
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F9:MRM of 1 channel,ES-

317.989 > 273.045

1.399e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeS

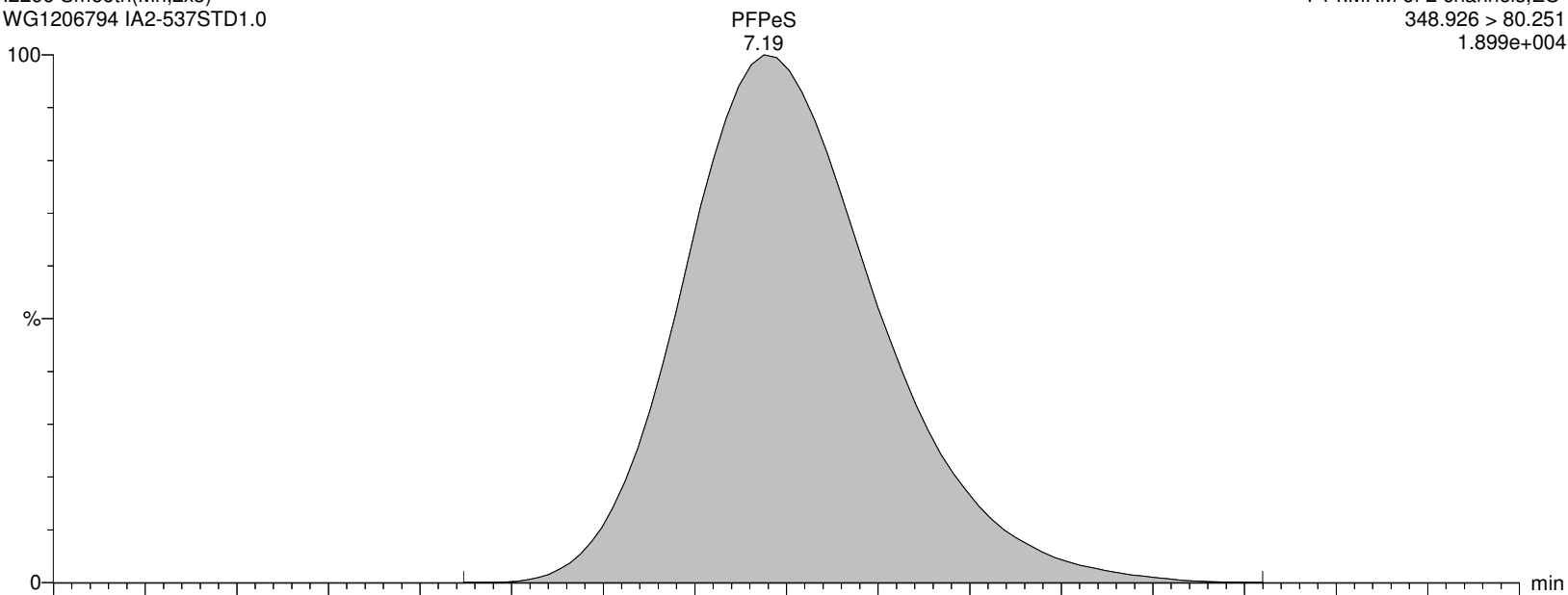
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F14:MRM of 2 channels,ES-

348.926 > 80.251

1.899e+004



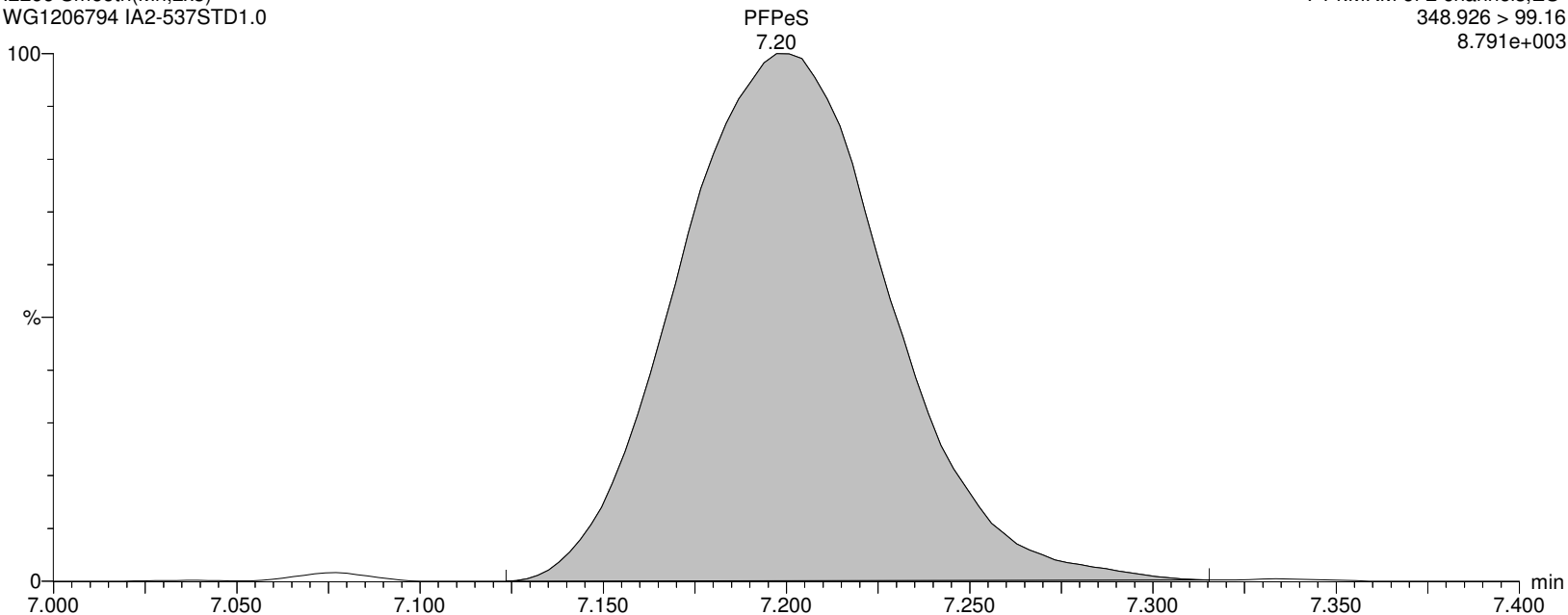
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F14:MRM of 2 channels,ES-

348.926 > 99.16

8.791e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpA

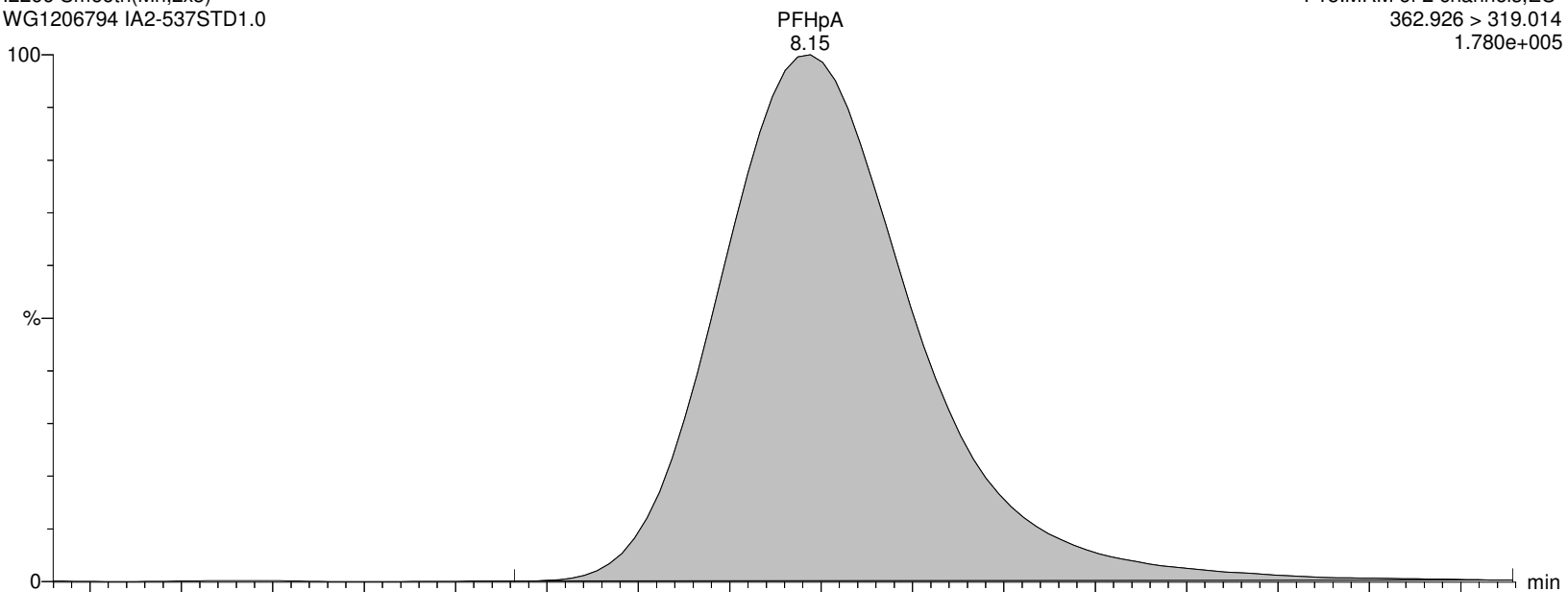
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F15:MRM of 2 channels,ES-

362.926 > 319.014

1.780e+005



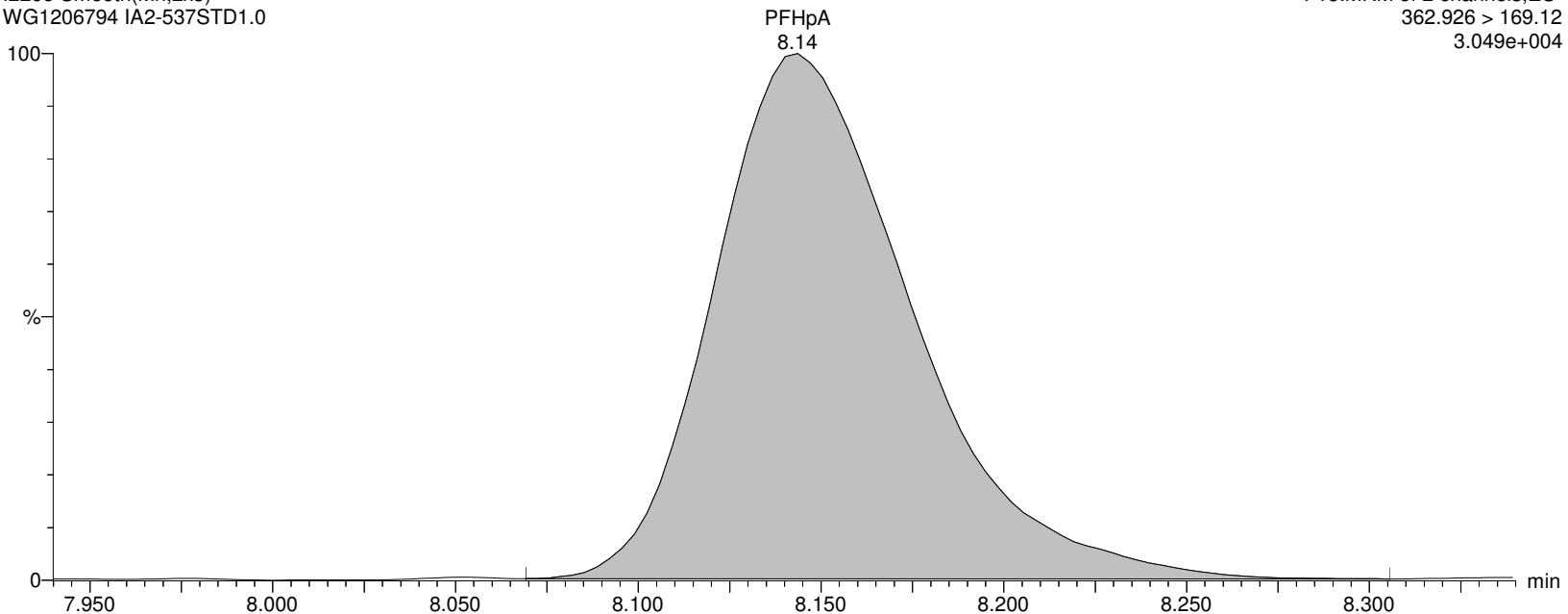
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F15:MRM of 2 channels,ES-

362.926 > 169.12

3.049e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFHpA

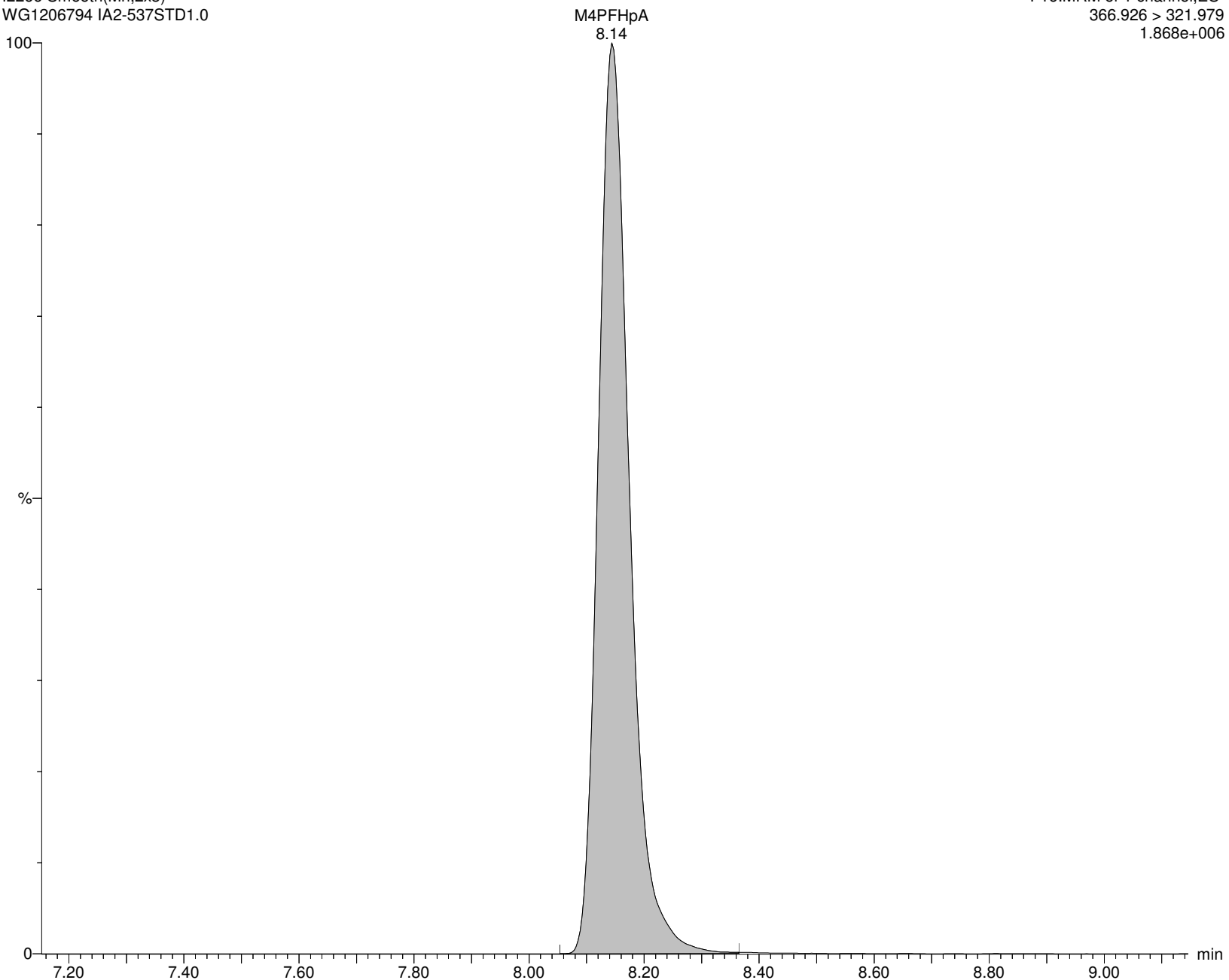
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F16:MRM of 1 channel,ES-

366.926 > 321.979

1.868e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFHxS

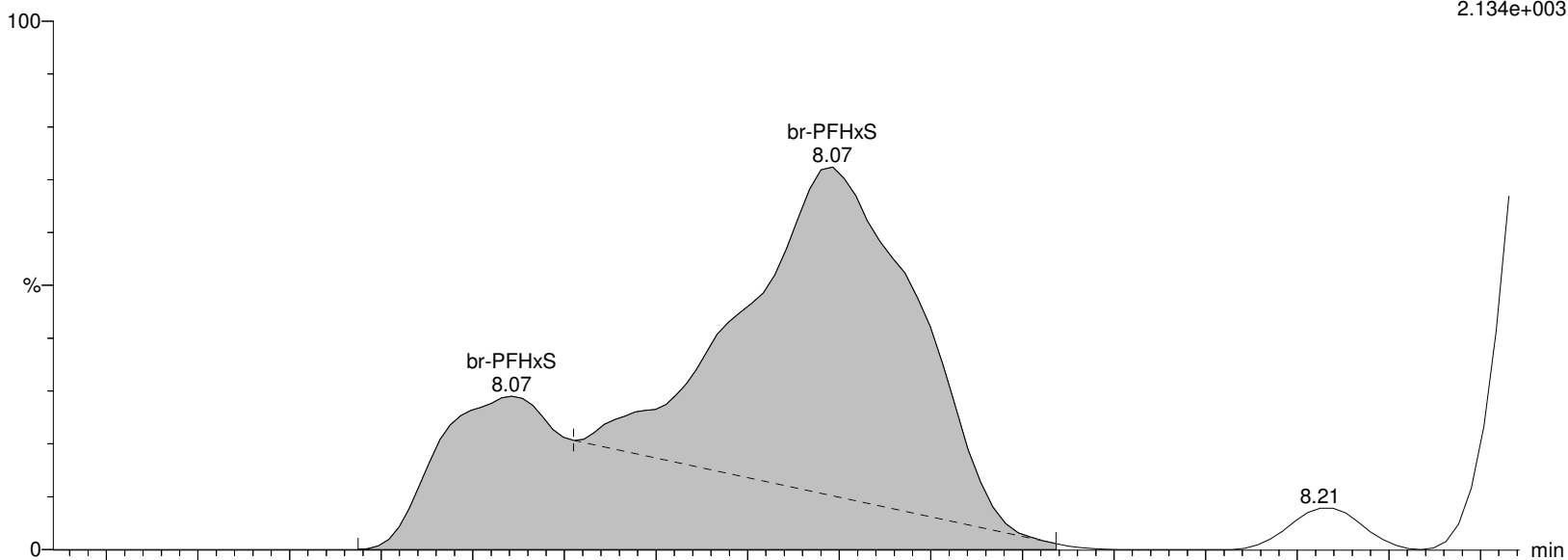
I2266 Smooth(Mn,3x2)

WG1206794 IA2-537STD1.0

F18:MRM of 2 channels,ES-

398.926 > 80.295

2.134e+003



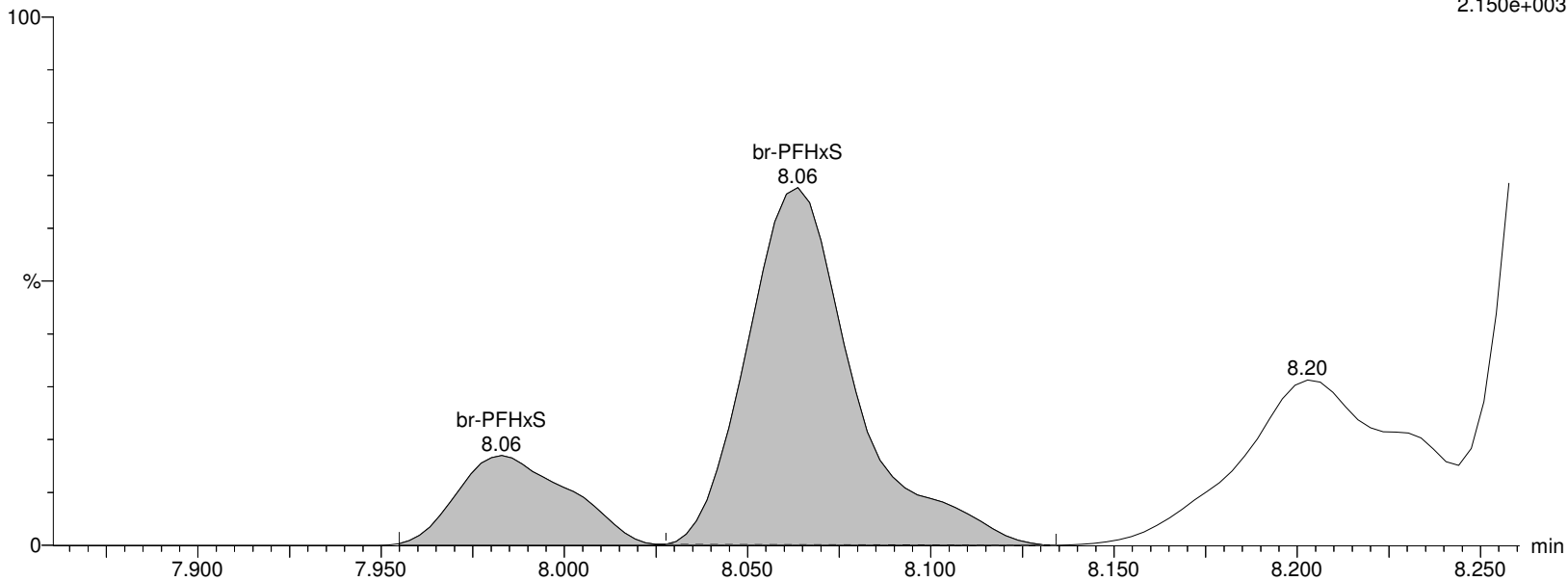
I2266 Smooth(Mn,3x2)

WG1206794 IA2-537STD1.0

F18:MRM of 2 channels,ES-

398.926 > 99.2

2.150e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFHxS

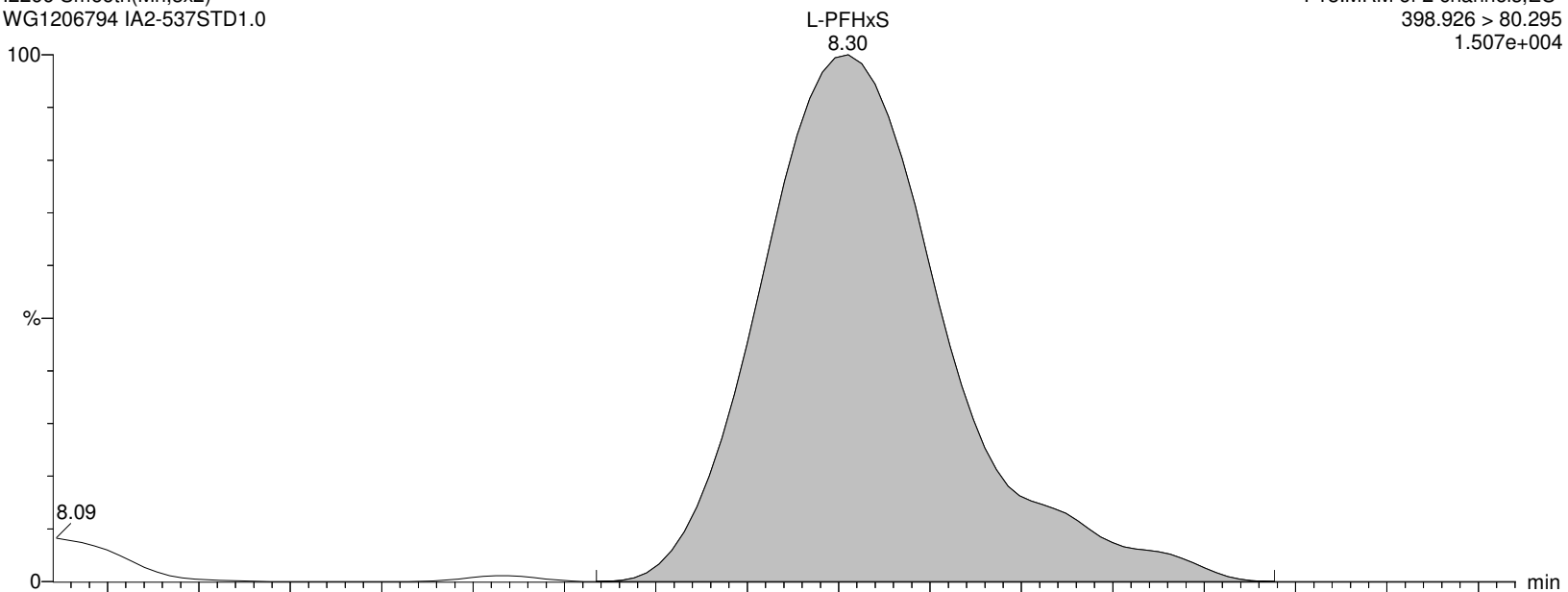
I2266 Smooth(Mn,3x2)

WG1206794 IA2-537STD1.0

F18:MRM of 2 channels,ES-

398.926 > 80.295

1.507e+004



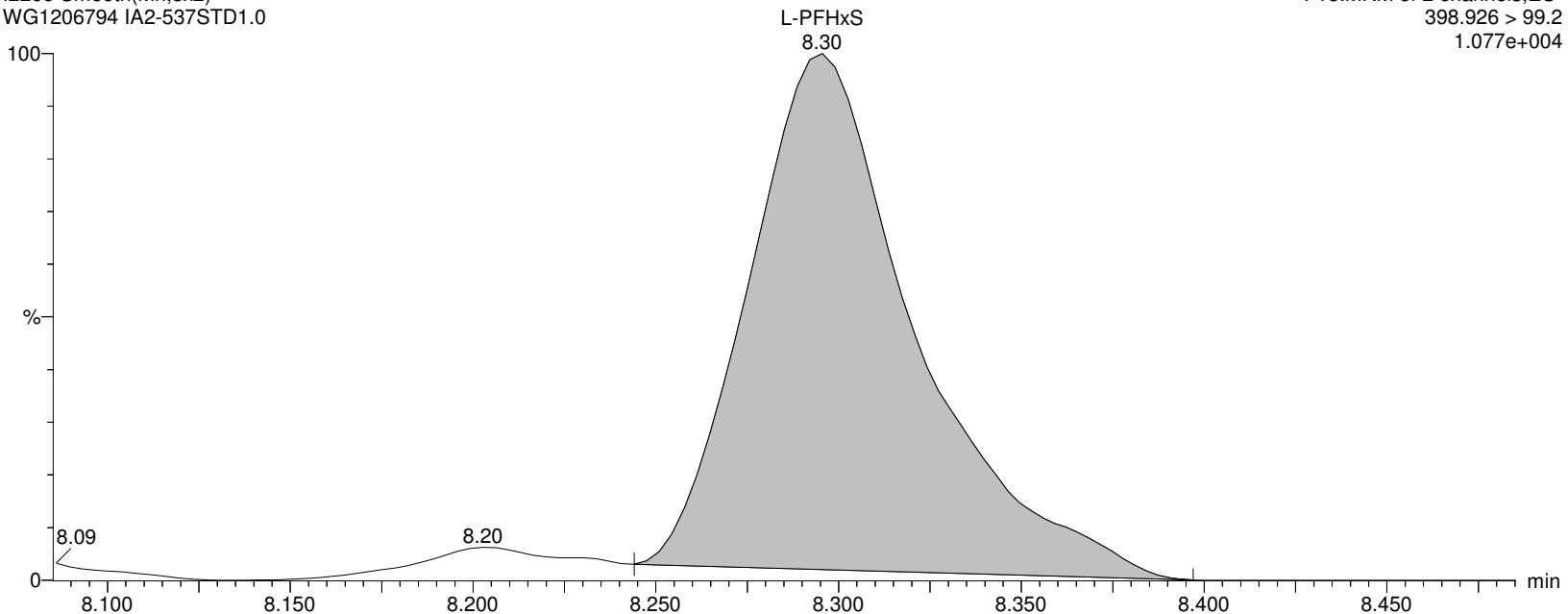
I2266 Smooth(Mn,3x2)

WG1206794 IA2-537STD1.0

F18:MRM of 2 channels,ES-

398.926 > 99.2

1.077e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxS

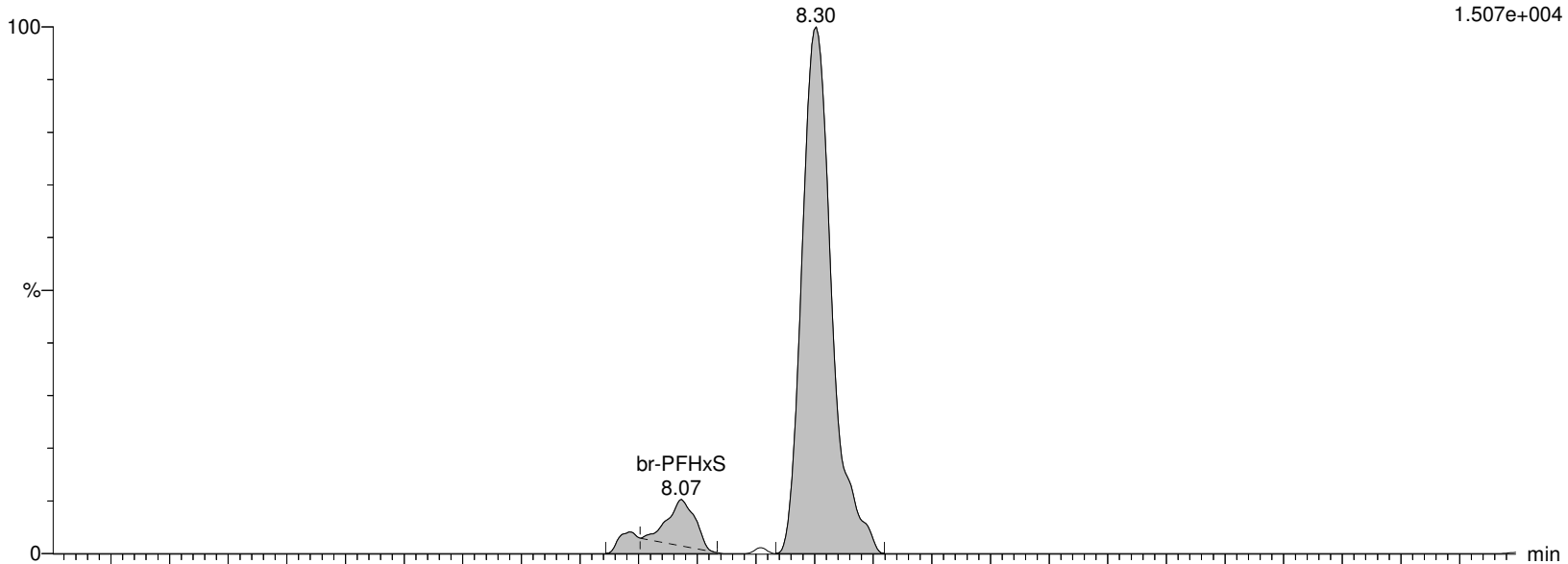
I2266 Smooth(Mn,3x2)

WG1206794 IA2-537STD1.0

F18:MRM of 2 channels,ES-

398.926 > 80.295

1.507e+004



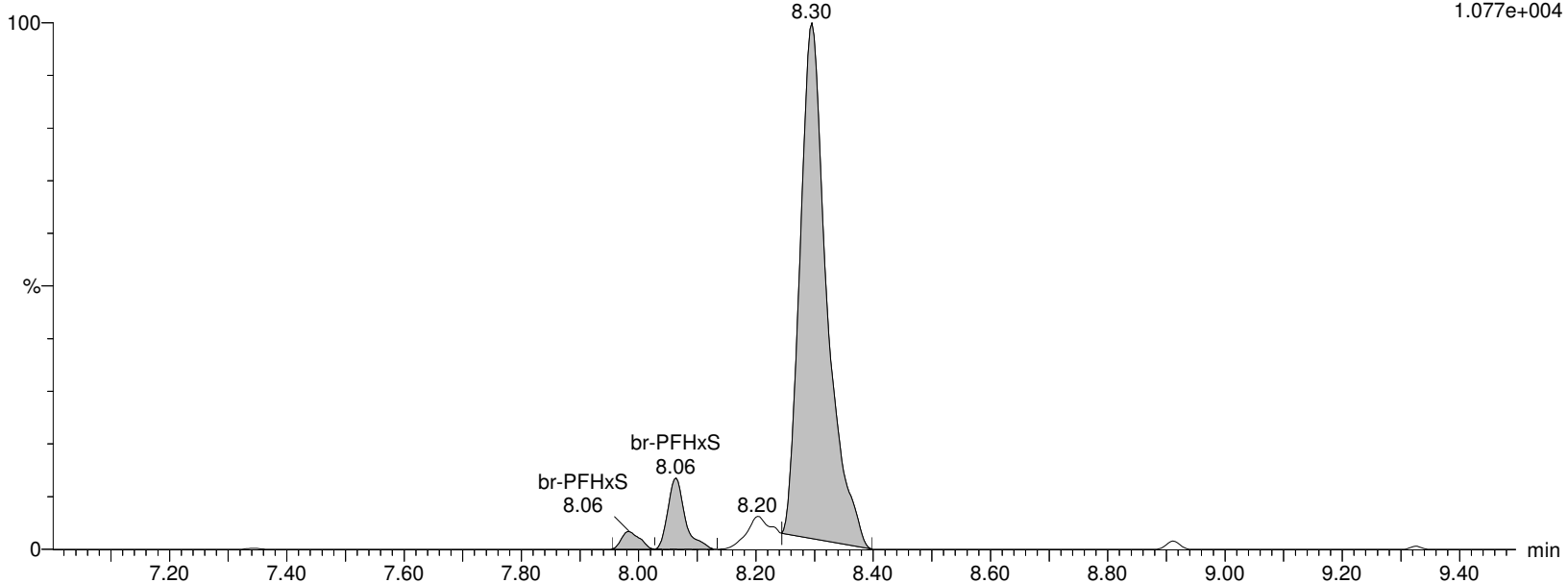
I2266 Smooth(Mn,3x2)

WG1206794 IA2-537STD1.0

F18:MRM of 2 channels,ES-

398.926 > 99.2

1.077e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFHxS

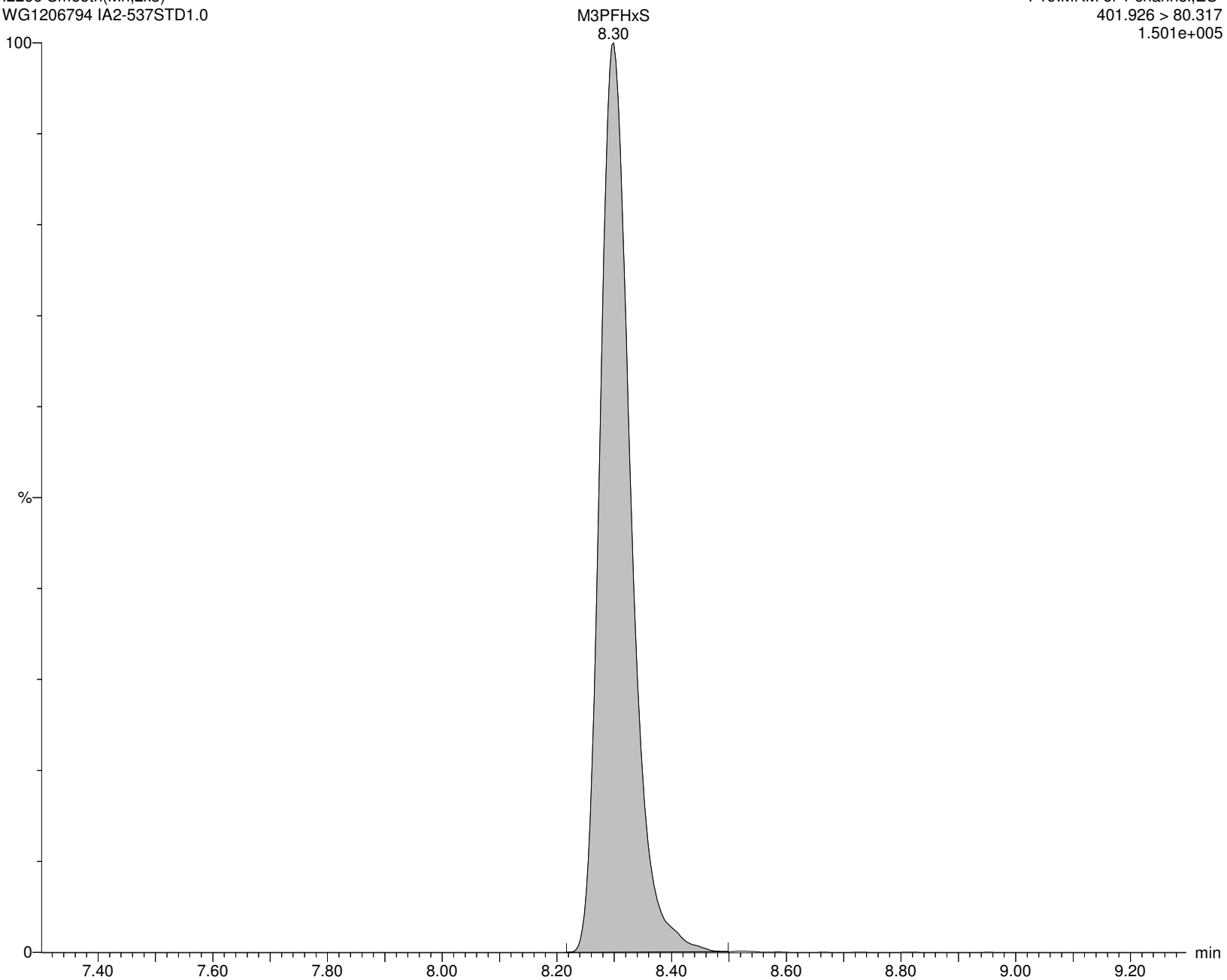
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F19:MRM of 1 channel,ES-

401.926 > 80.317

1.501e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOA

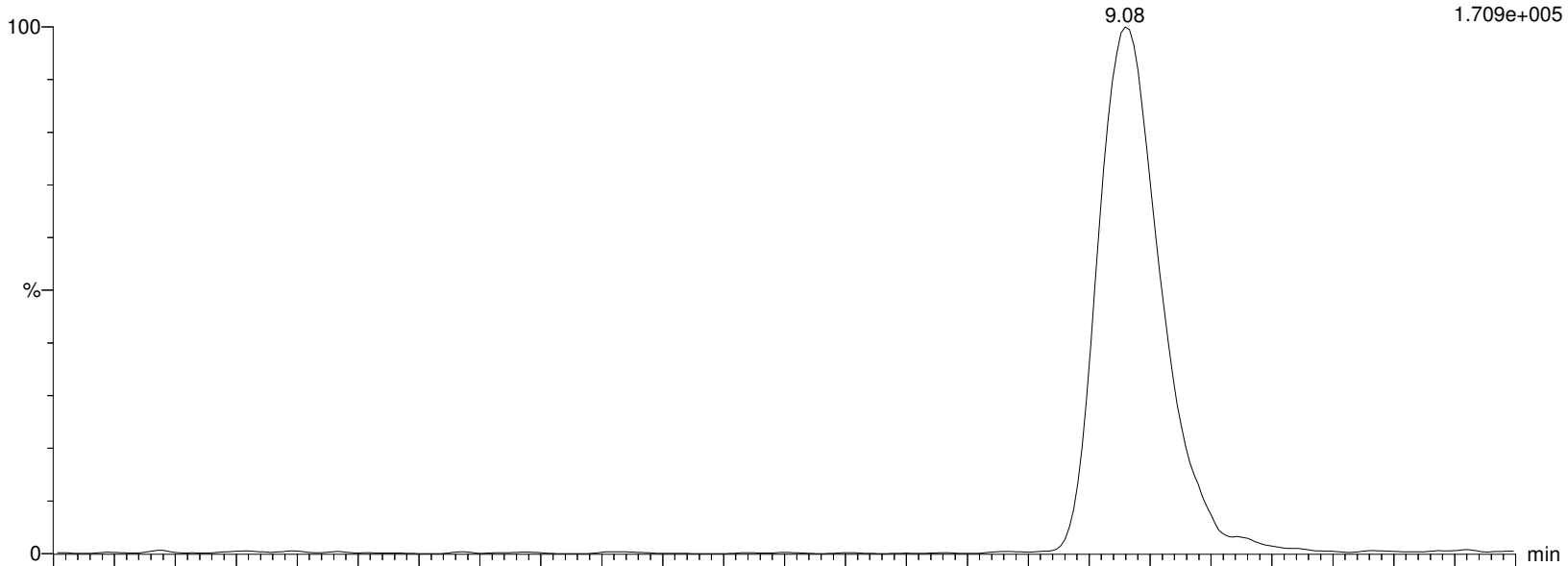
I2266 Smooth(Mn,2x2)

WG1206794 IA2-537STD1.0

F20:MRM of 2 channels,ES-

412.989 > 368.9

1.709e+005



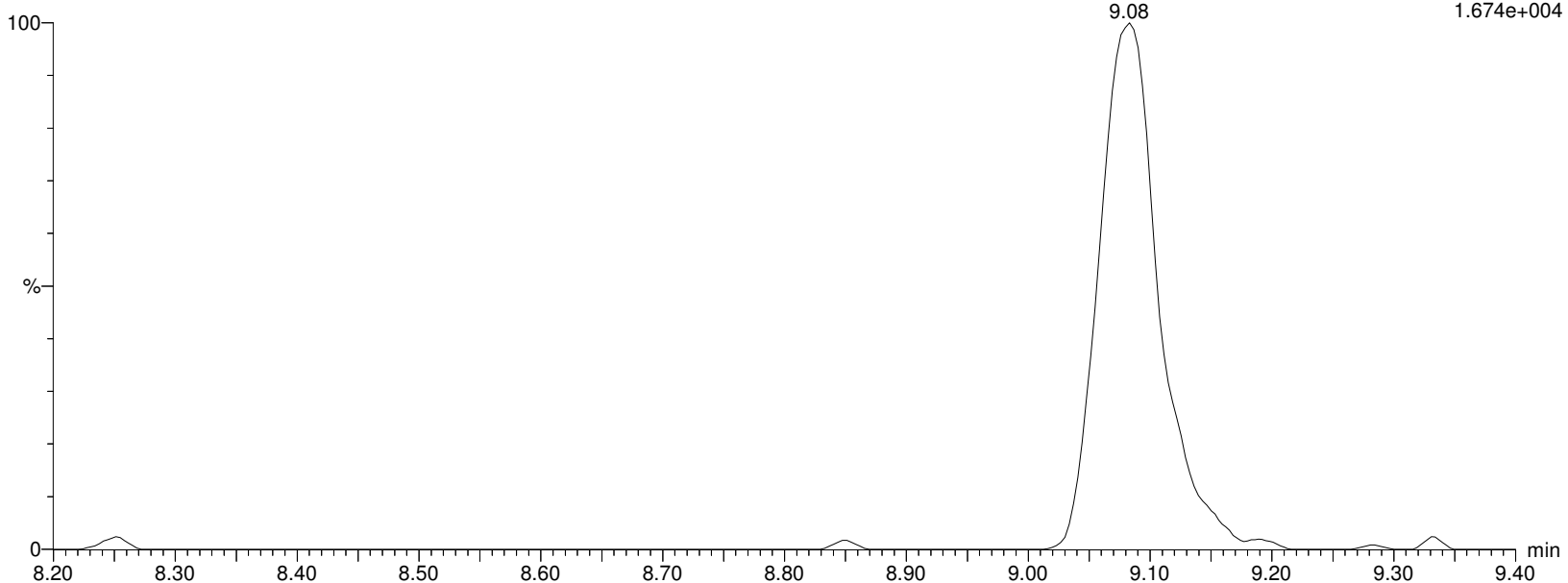
I2266 Smooth(Mn,2x2)

WG1206794 IA2-537STD1.0

F20:MRM of 2 channels,ES-

412.989 > 219.08

1.674e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOA

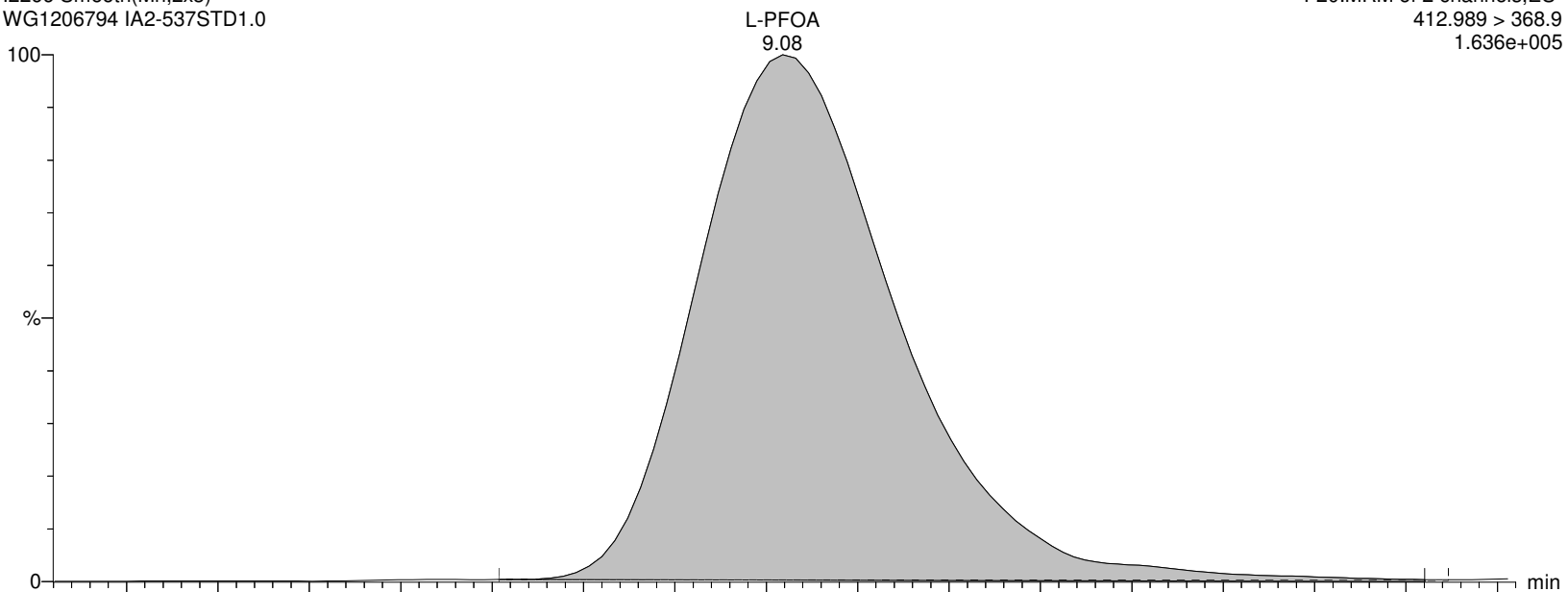
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F20:MRM of 2 channels,ES-

412.989 > 368.9

1.636e+005



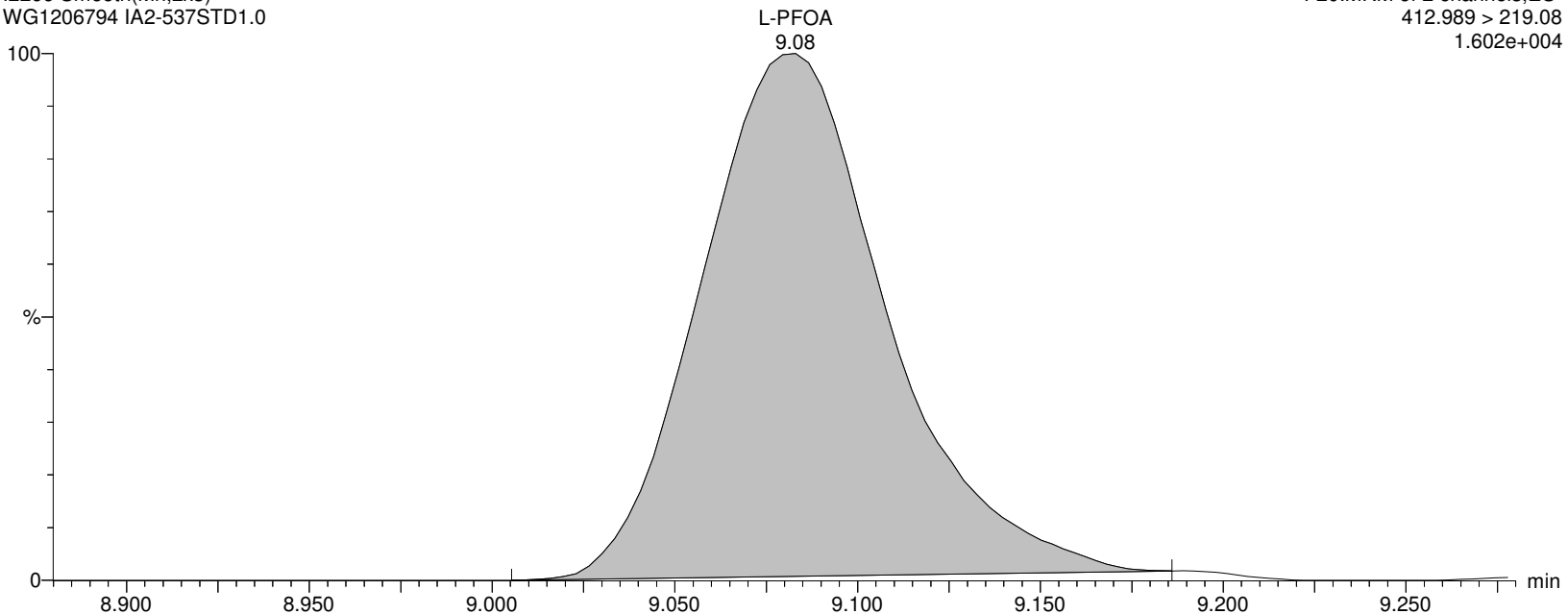
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F20:MRM of 2 channels,ES-

412.989 > 219.08

1.602e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFOA

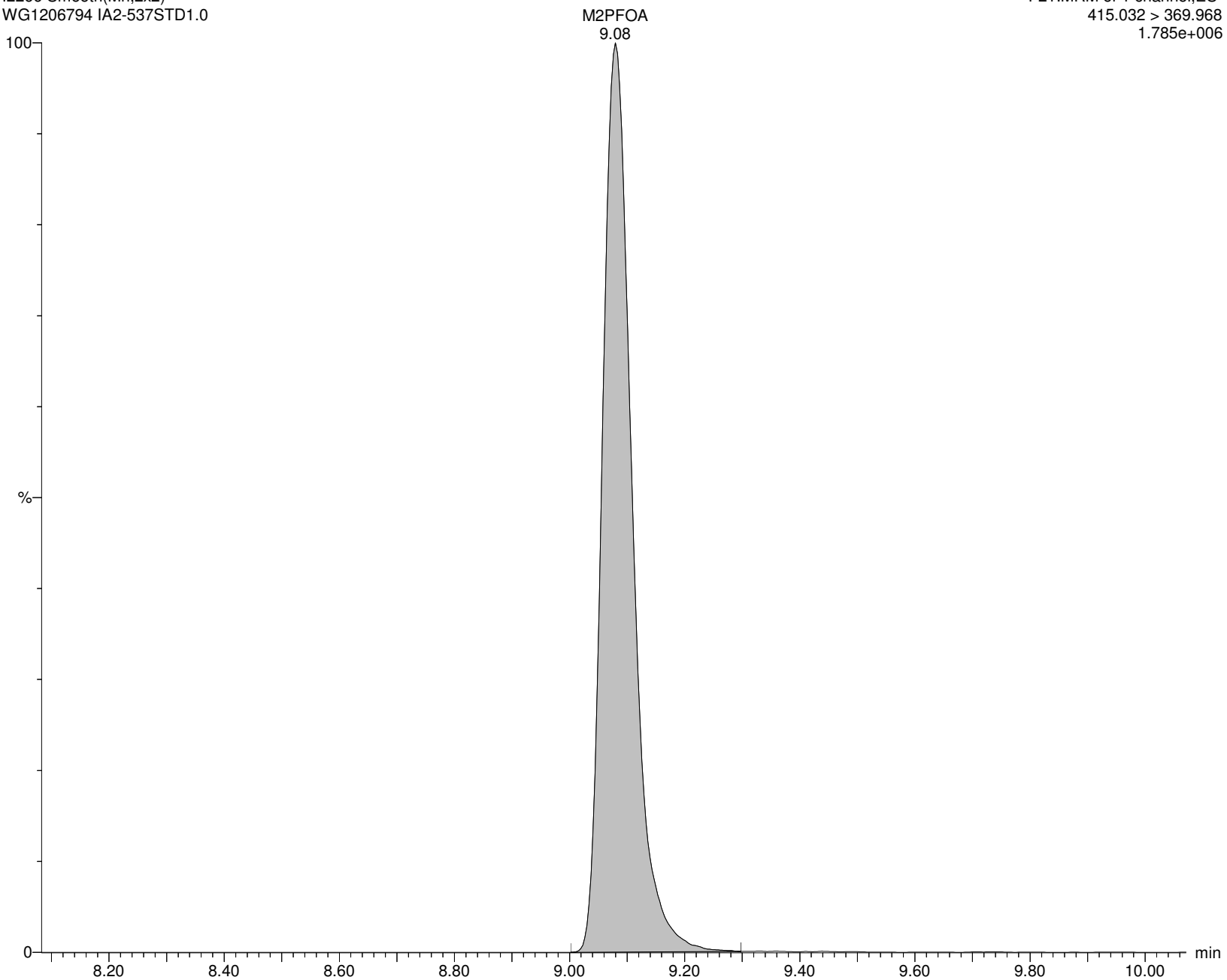
I2266 Smooth(Mn,2x2)

WG1206794 IA2-537STD1.0

F21:MRM of 1 channel,ES-

415.032 > 369.968

1.785e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOA

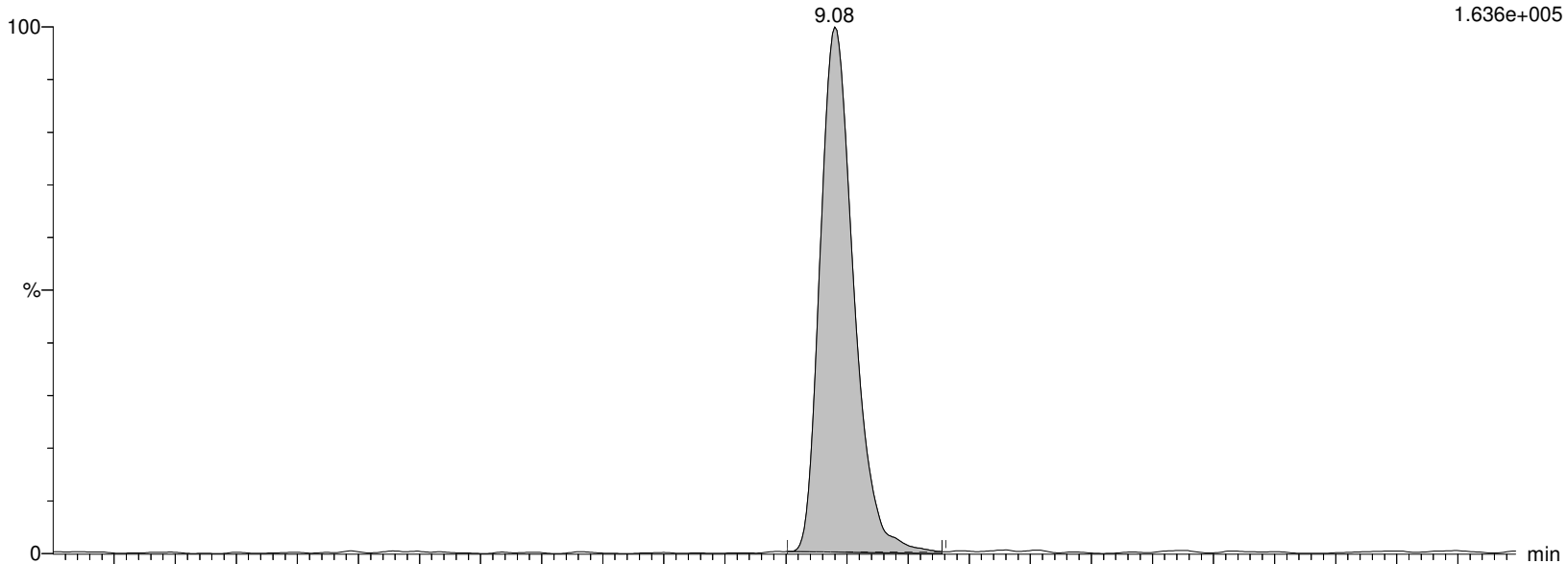
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F20:MRM of 2 channels,ES-

412.989 > 368.9

1.636e+005



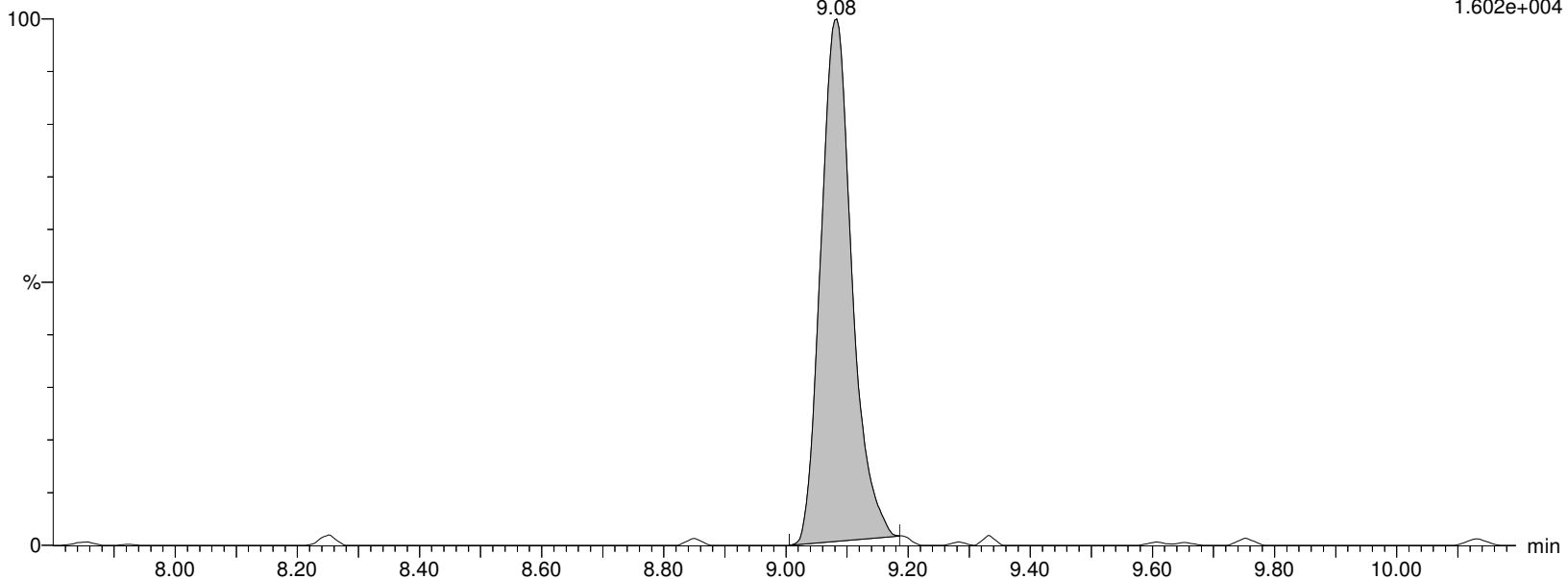
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F20:MRM of 2 channels,ES-

412.989 > 219.08

1.602e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOA

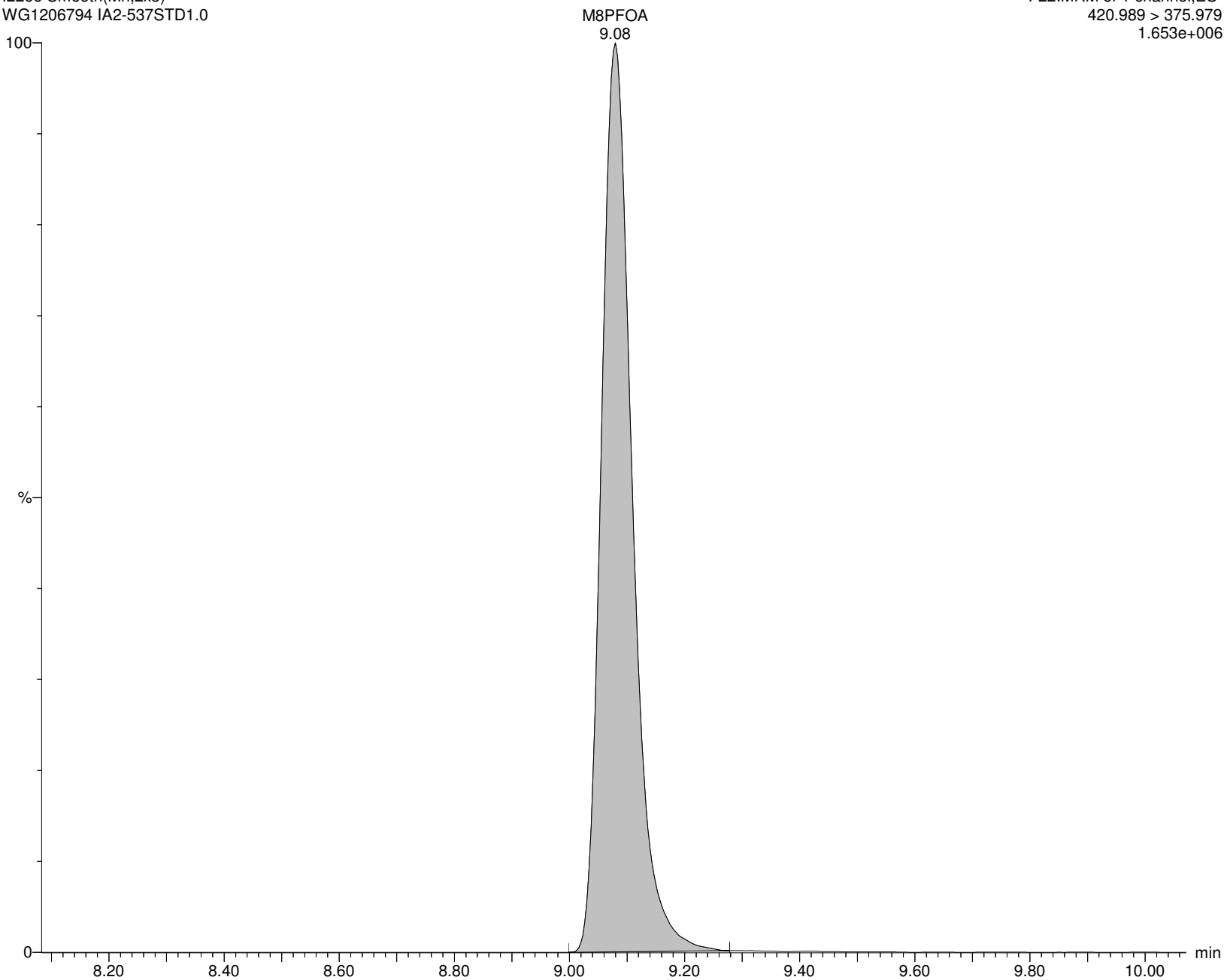
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F22:MRM of 1 channel,ES-

420.989 > 375.979

1.653e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

6:2FTS

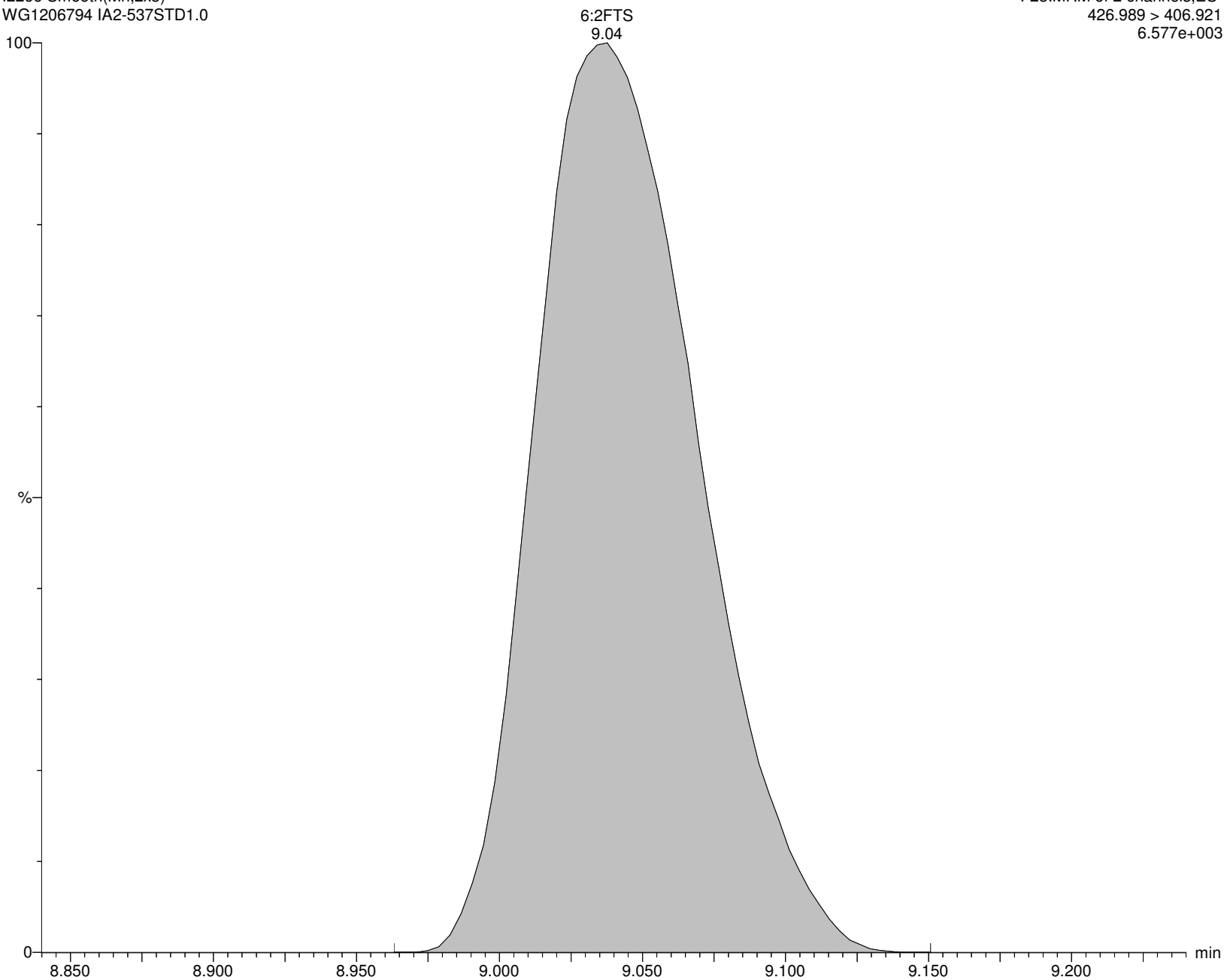
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F23:MRM of 2 channels,ES-

426.989 > 406.921

6.577e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-6:2FTS

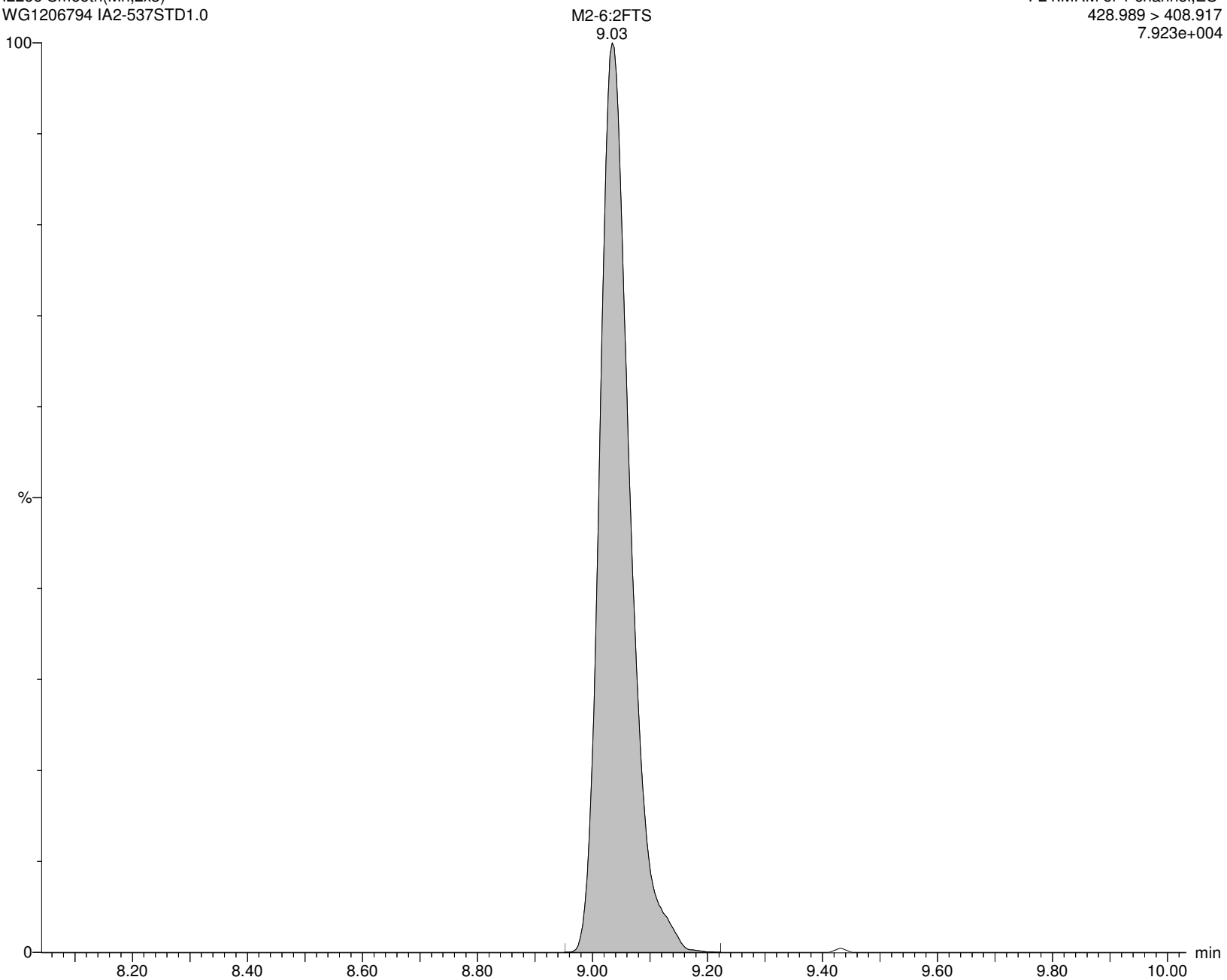
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F24:MRM of 1 channel,ES-

428.989 > 408.917

7.923e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpS

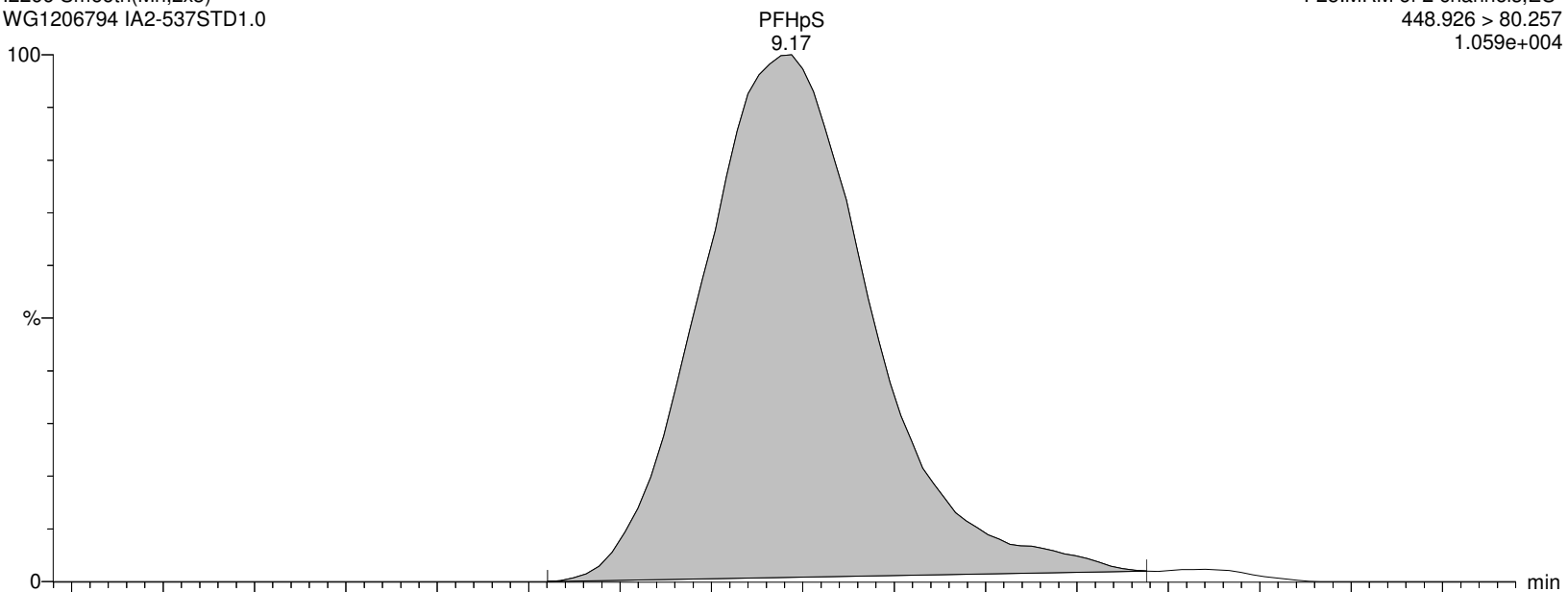
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F25:MRM of 2 channels,ES-

448.926 > 80.257

1.059e+004



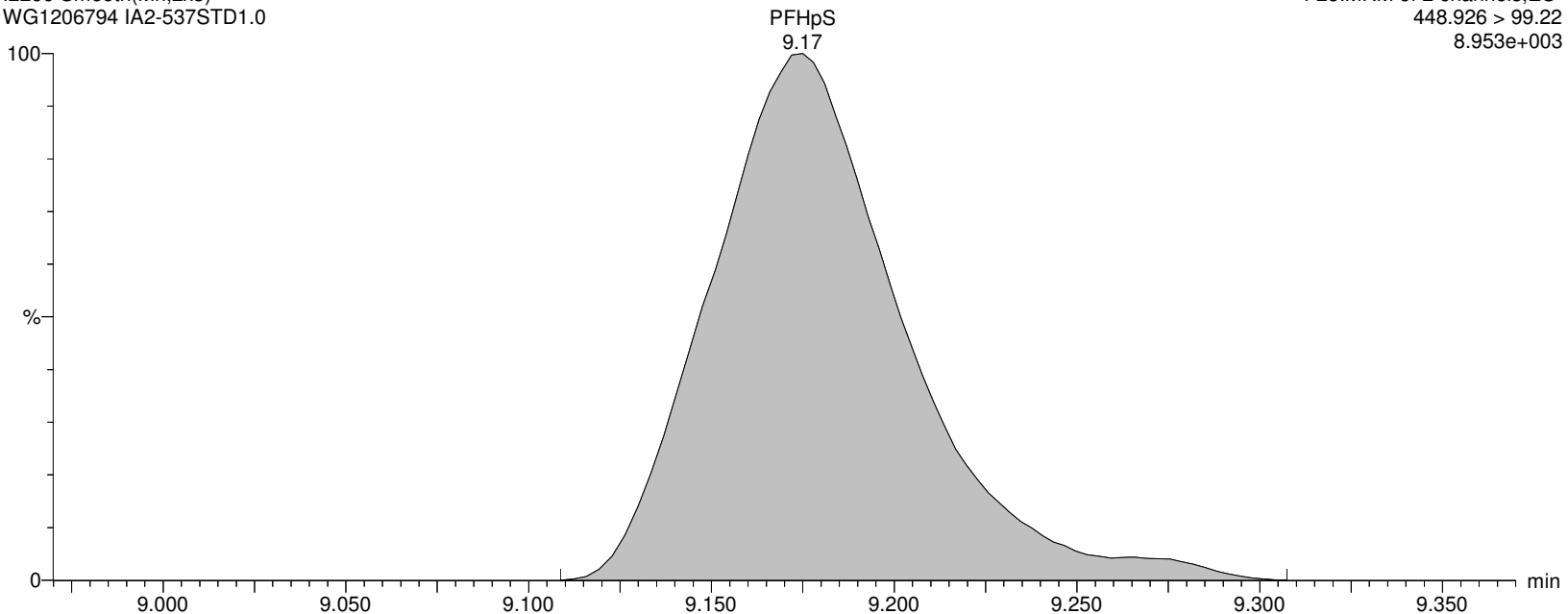
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F25:MRM of 2 channels,ES-

448.926 > 99.22

8.953e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNA

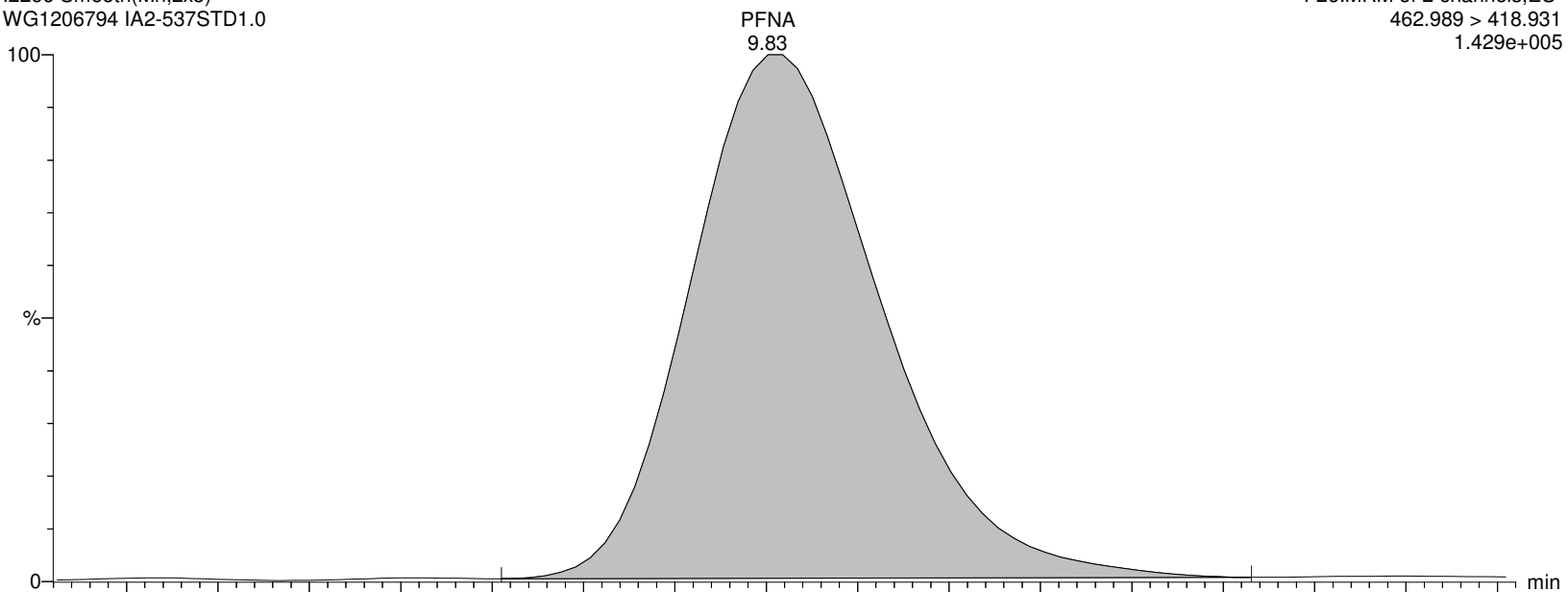
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F26:MRM of 2 channels,ES-

462.989 > 418.931

1.429e+005



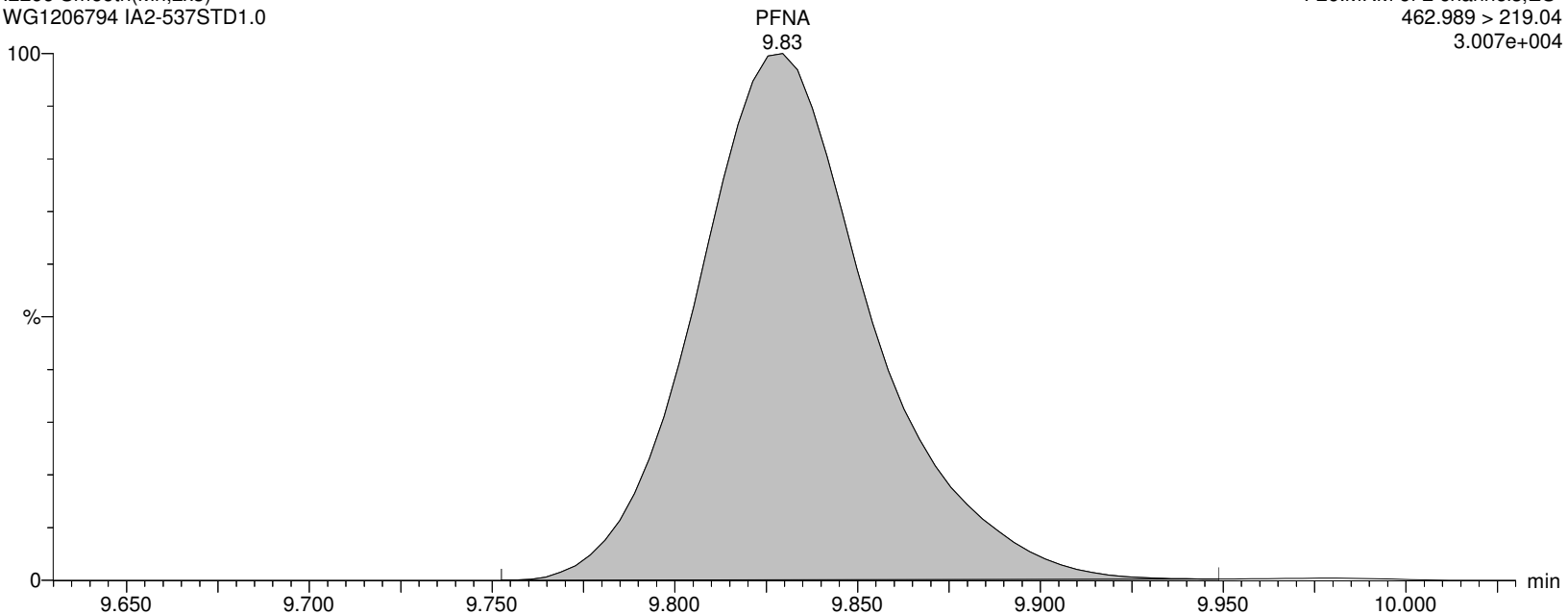
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F26:MRM of 2 channels,ES-

462.989 > 219.04

3.007e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M9PFNA

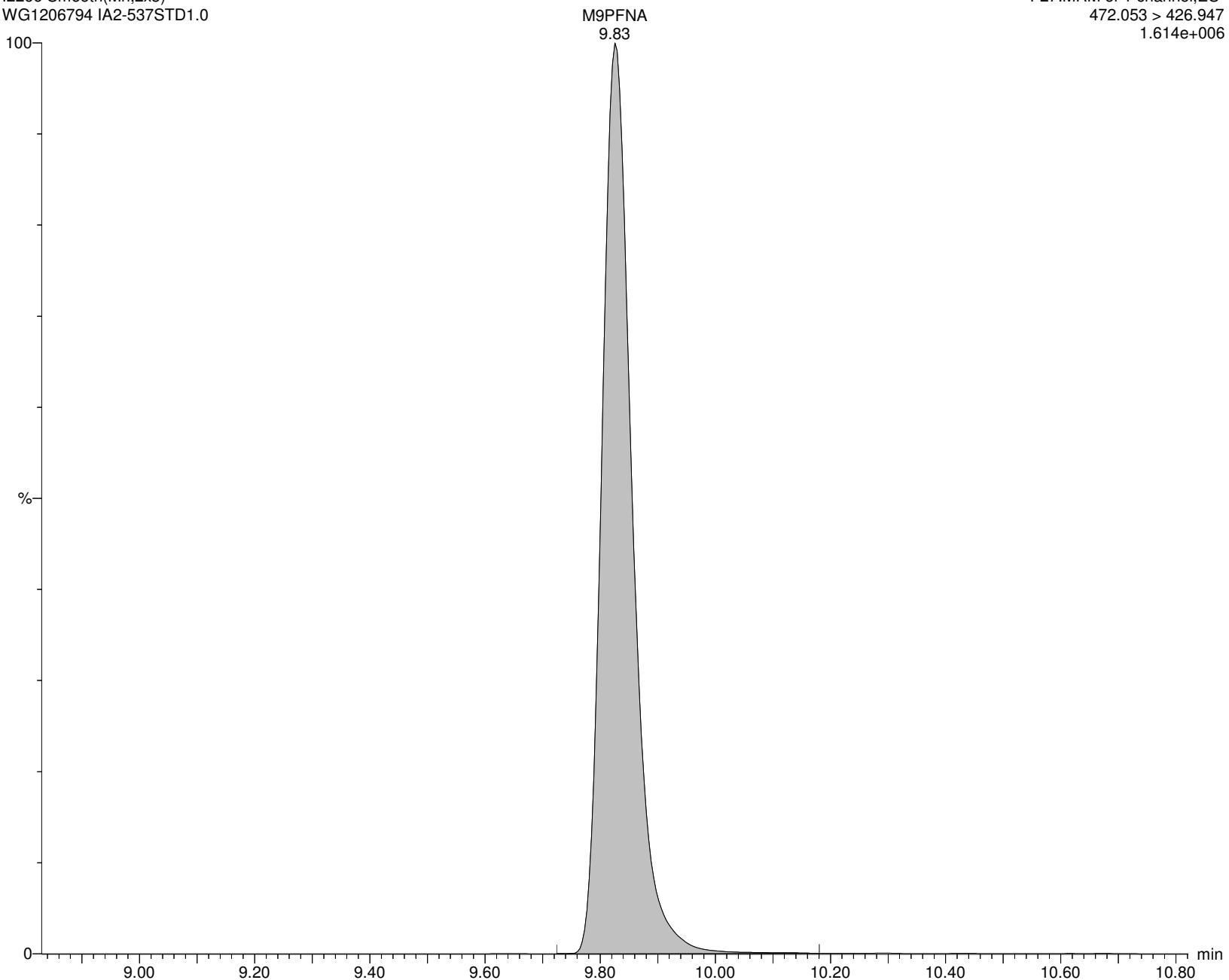
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F27:MRM of 1 channel,ES-

472.053 > 426.947

1.614e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

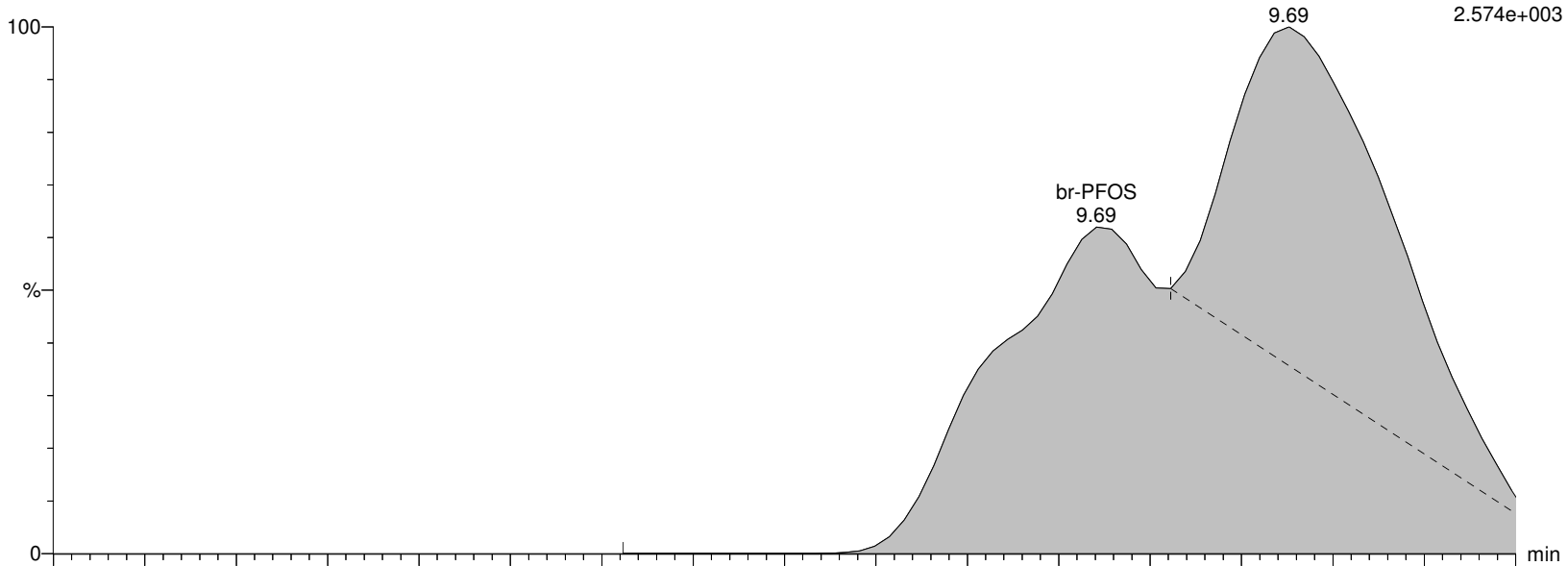
Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOS

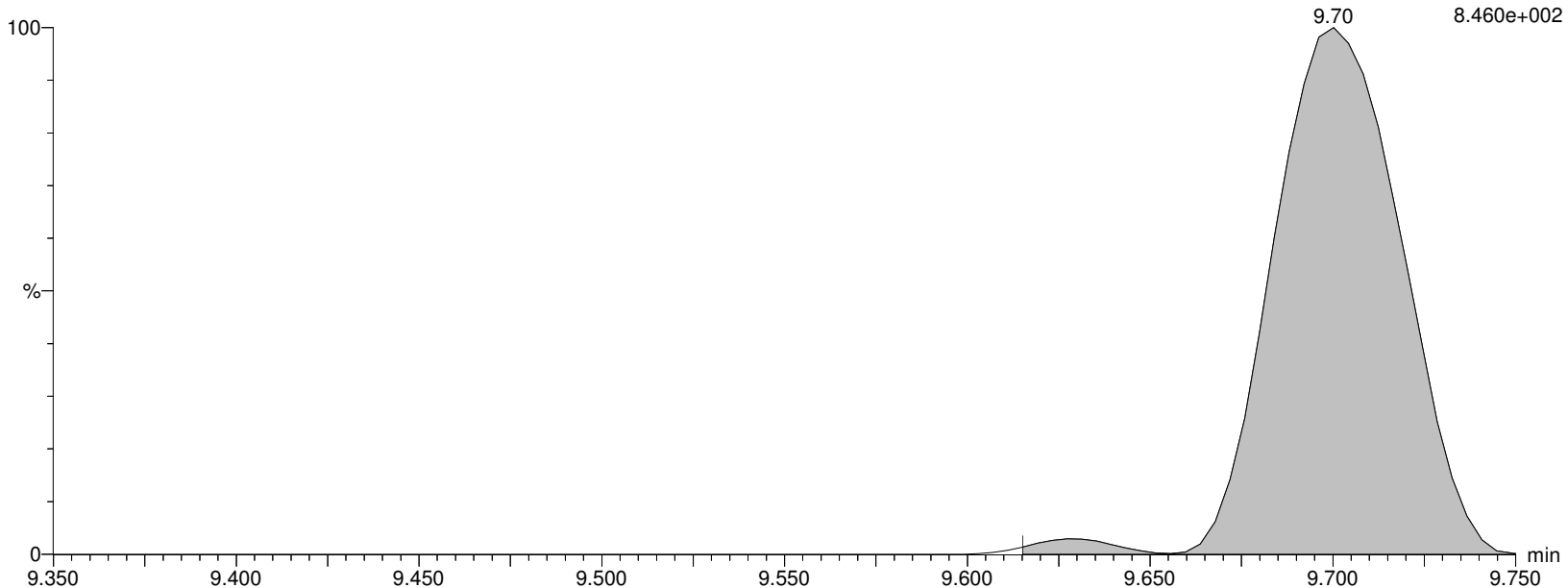
I2266 Smooth(Mn,3x2)

WG1206794 IA2-537STD1.0



I2266 Smooth(Mn,3x2)

WG1206794 IA2-537STD1.0



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOS

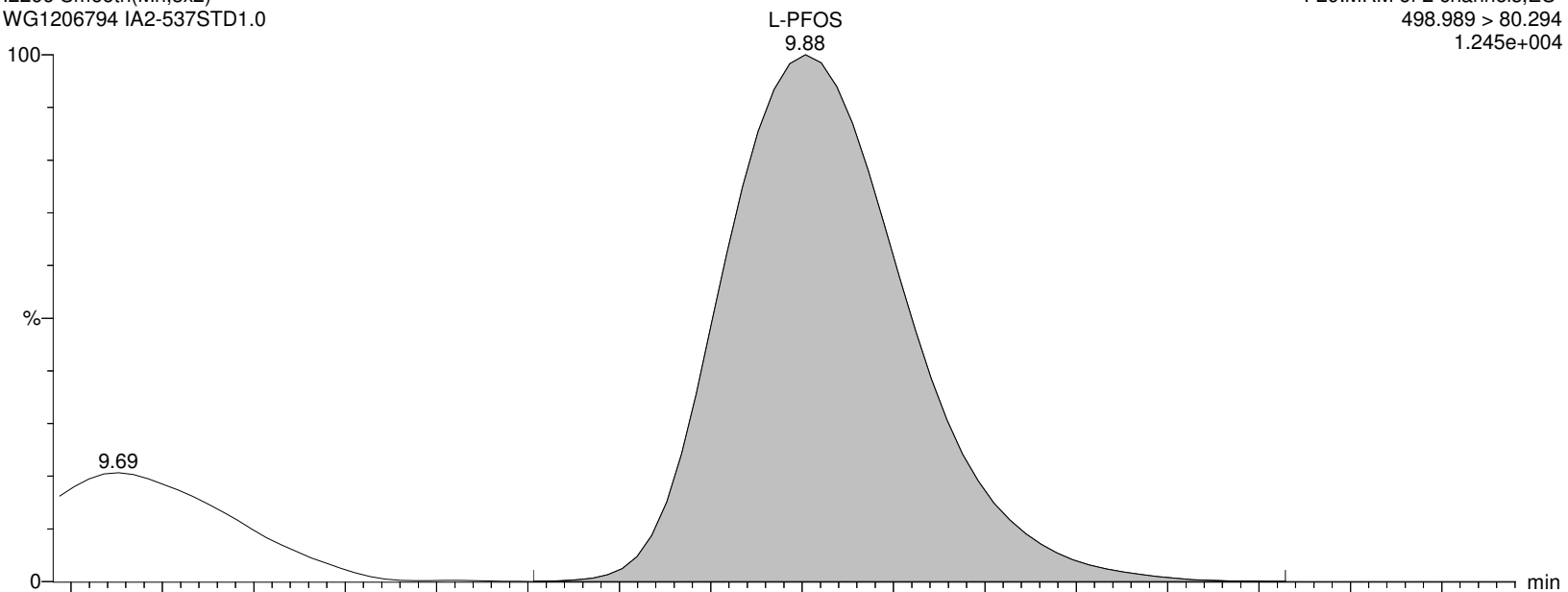
I2266 Smooth(Mn,3x2)

WG1206794 IA2-537STD1.0

F29:MRM of 2 channels,ES-

498.989 > 80.294

1.245e+004



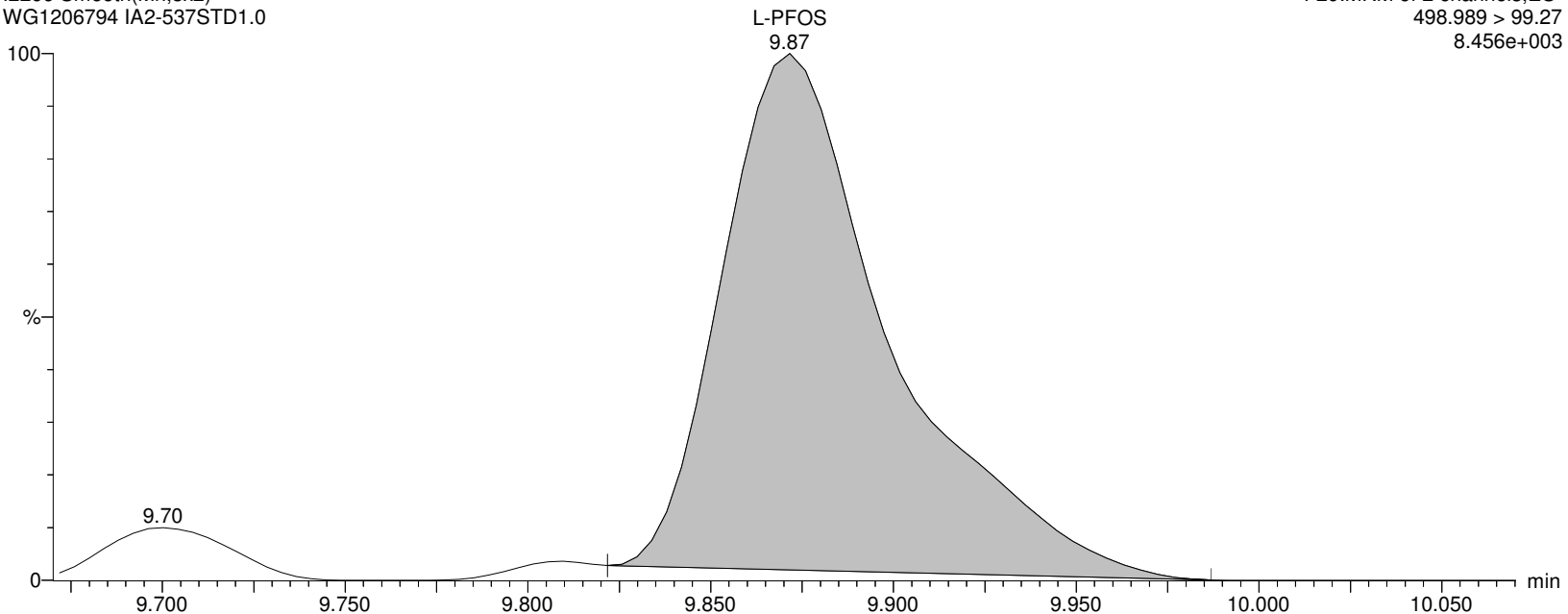
I2266 Smooth(Mn,3x2)

WG1206794 IA2-537STD1.0

F29:MRM of 2 channels,ES-

498.989 > 99.27

8.456e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOS

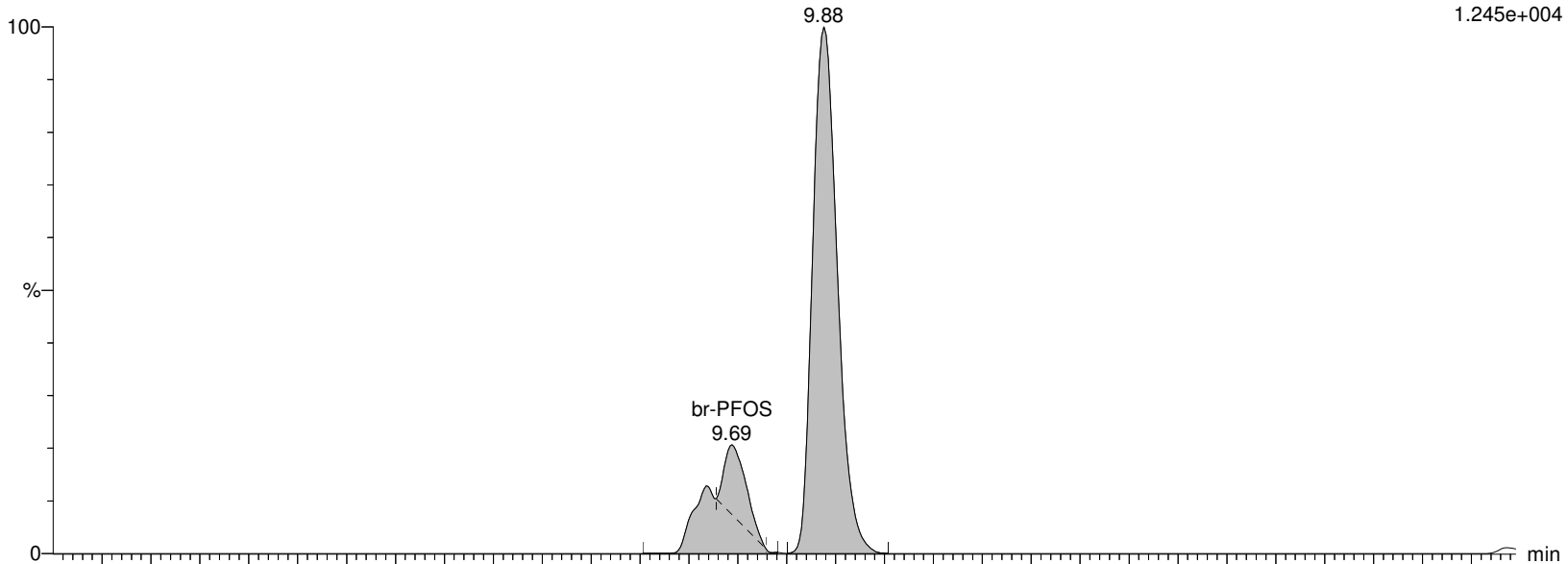
I2266 Smooth(Mn,3x2)

WG1206794 IA2-537STD1.0

F29:MRM of 2 channels,ES-

498.989 > 80.294

1.245e+004



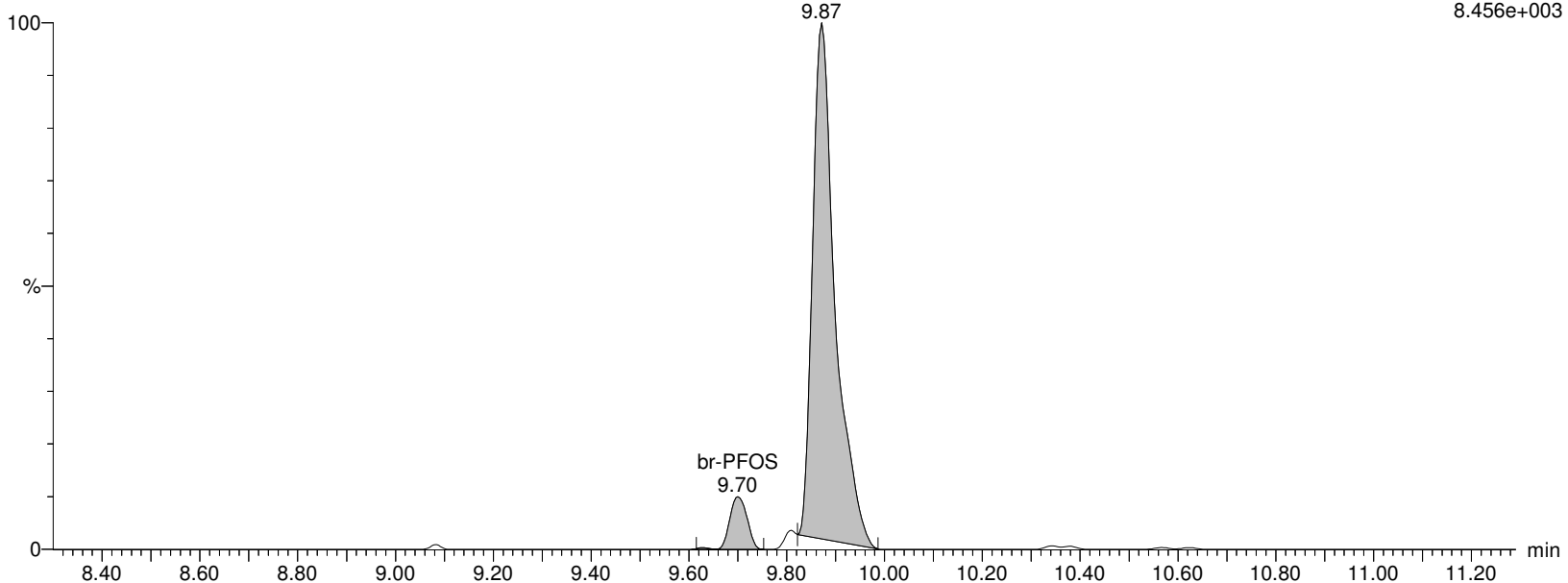
I2266 Smooth(Mn,3x2)

WG1206794 IA2-537STD1.0

F29:MRM of 2 channels,ES-

498.989 > 99.27

8.456e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFOS

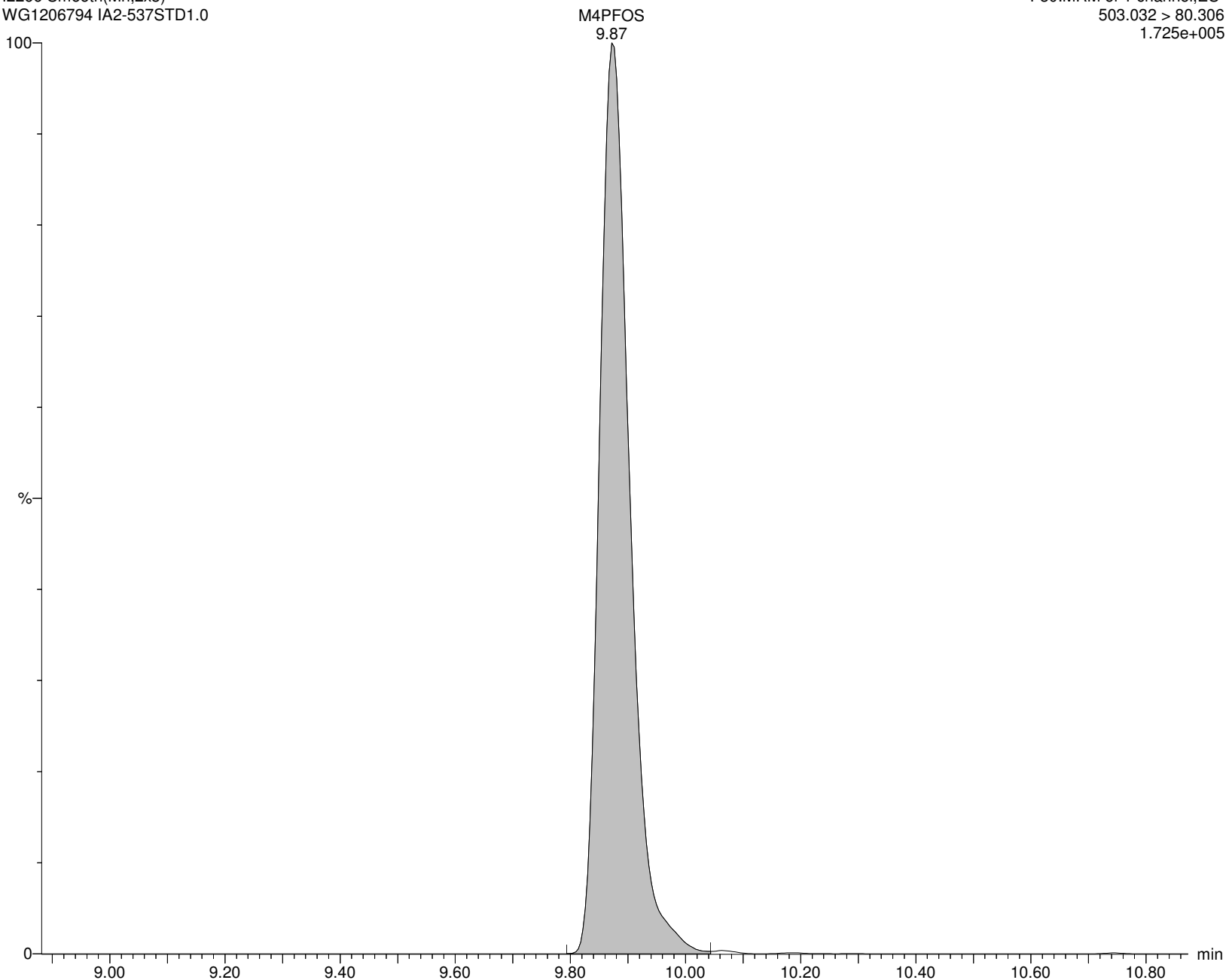
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F30:MRM of 1 channel,ES-

503.032 > 80.306

1.725e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOS

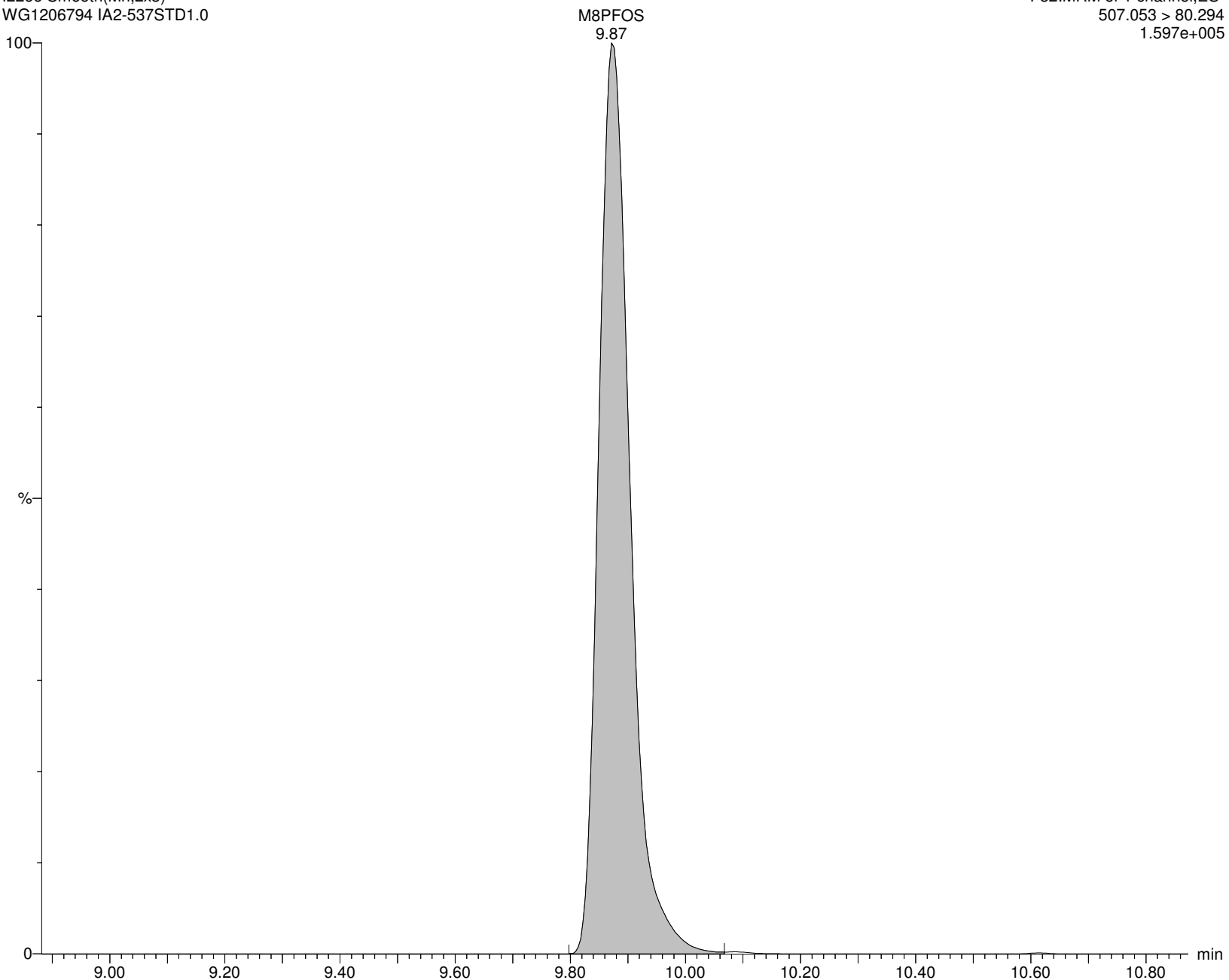
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F32:MRM of 1 channel,ES-

507.053 > 80.294

1.597e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDA

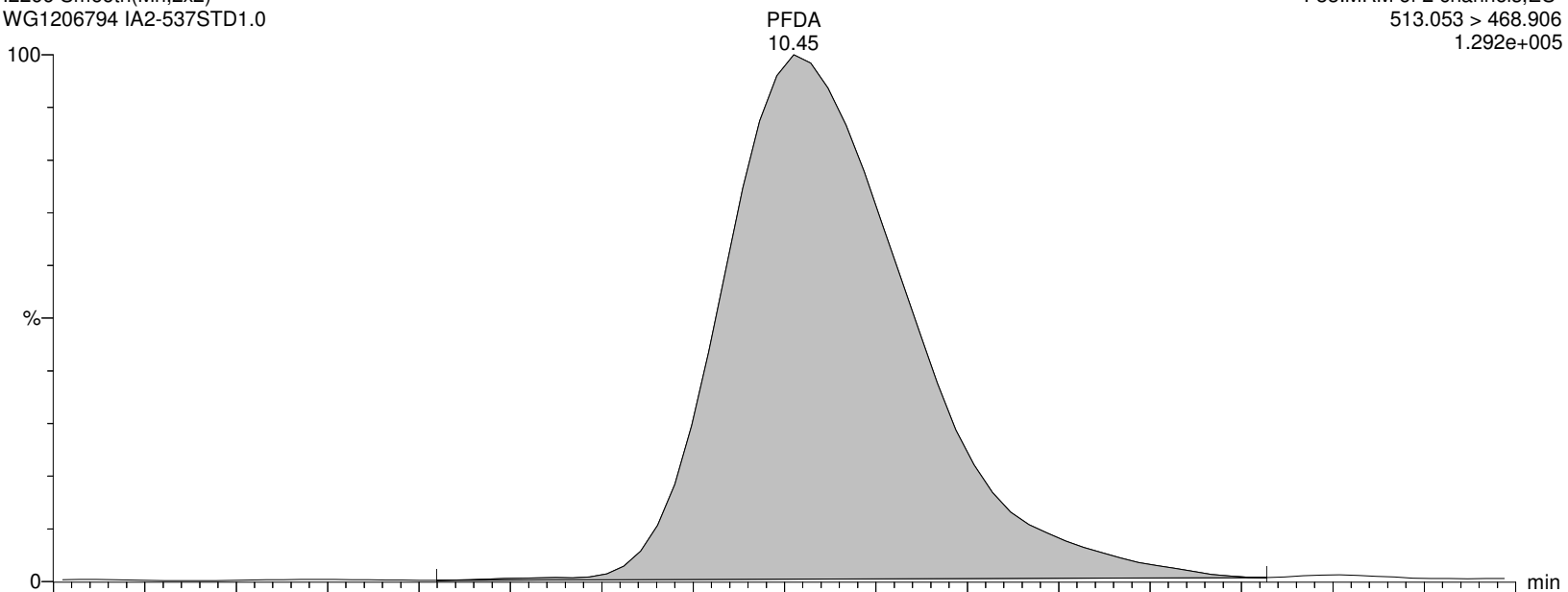
I2266 Smooth(Mn,2x2)

WG1206794 IA2-537STD1.0

F33:MRM of 2 channels,ES-

513.053 > 468.906

1.292e+005



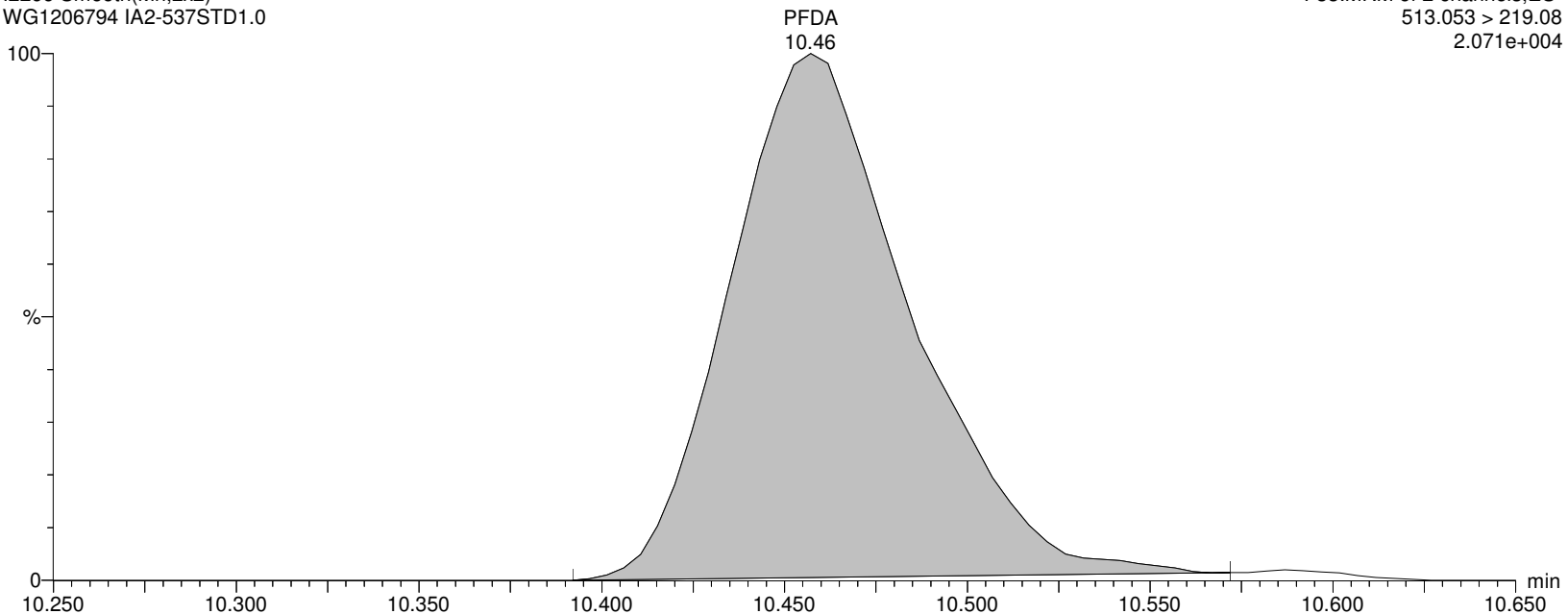
I2266 Smooth(Mn,2x2)

WG1206794 IA2-537STD1.0

F33:MRM of 2 channels,ES-

513.053 > 219.08

2.071e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFDA

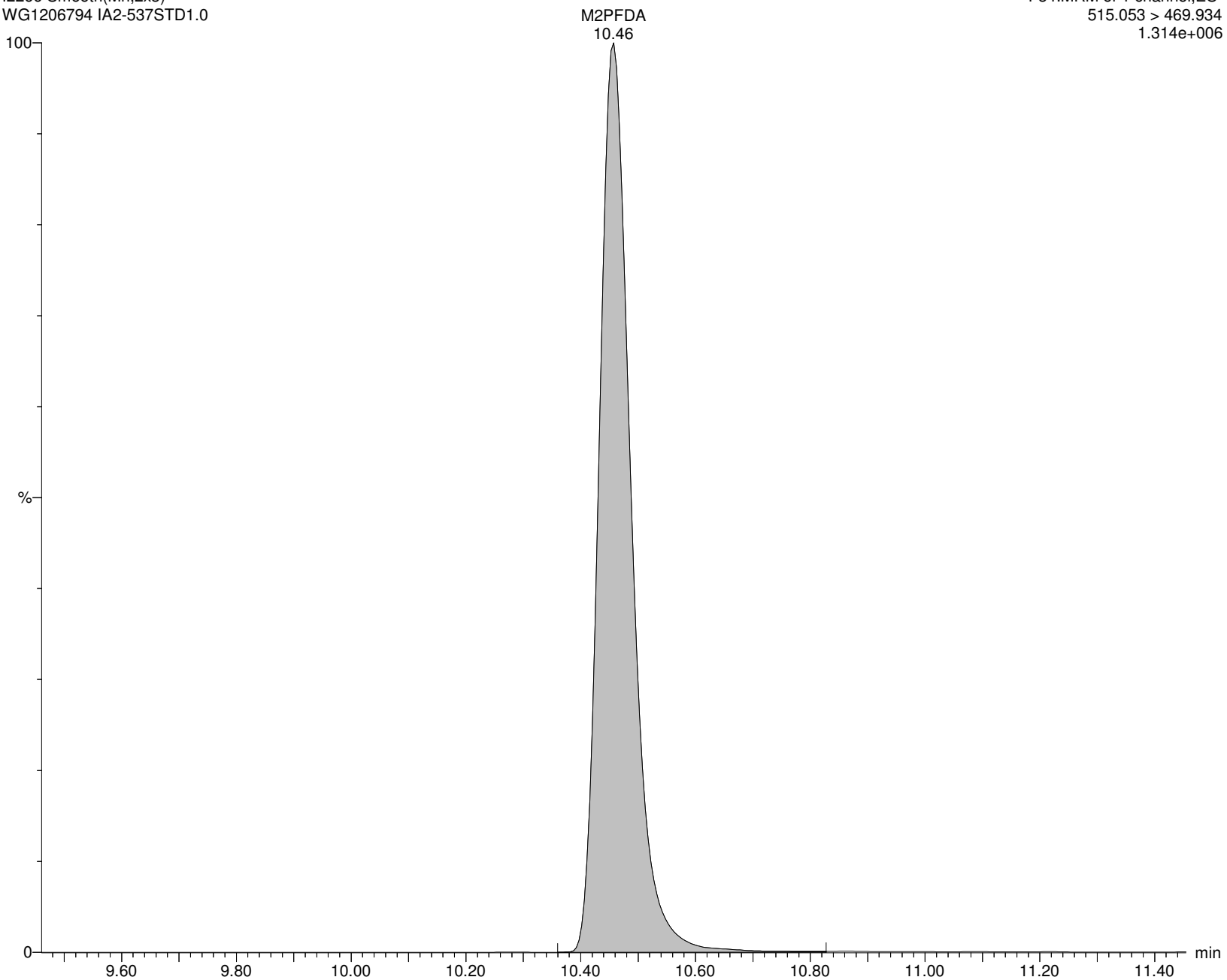
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F34:MRM of 1 channel,ES-

515.053 > 469.934

1.314e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M6PFDA

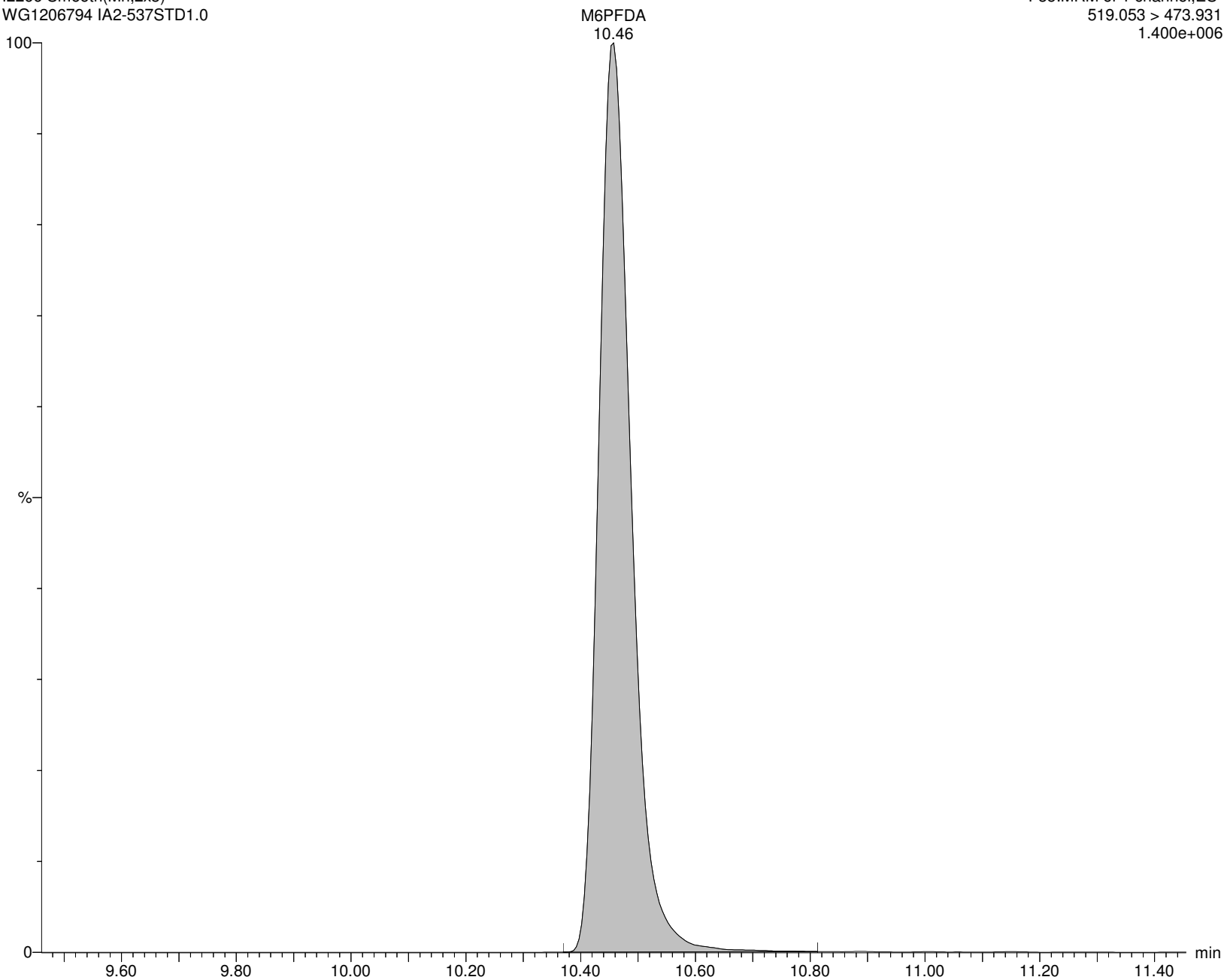
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F35:MRM of 1 channel,ES-

519.053 > 473.931

1.400e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

8:2FTS

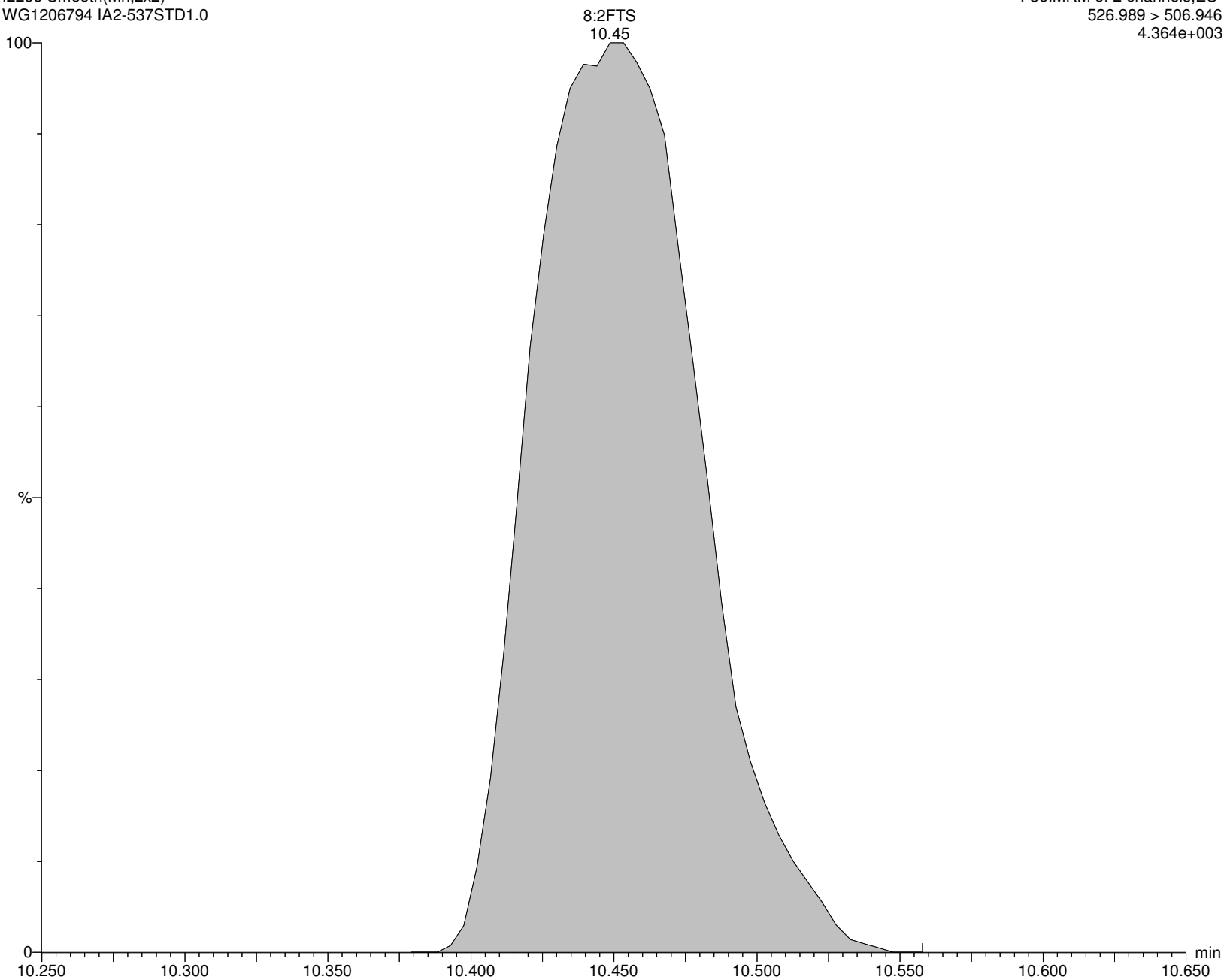
I2266 Smooth(Mn,2x2)

WG1206794 IA2-537STD1.0

F36:MRM of 2 channels,ES-

526.989 > 506.946

4.364e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-8:2FTS

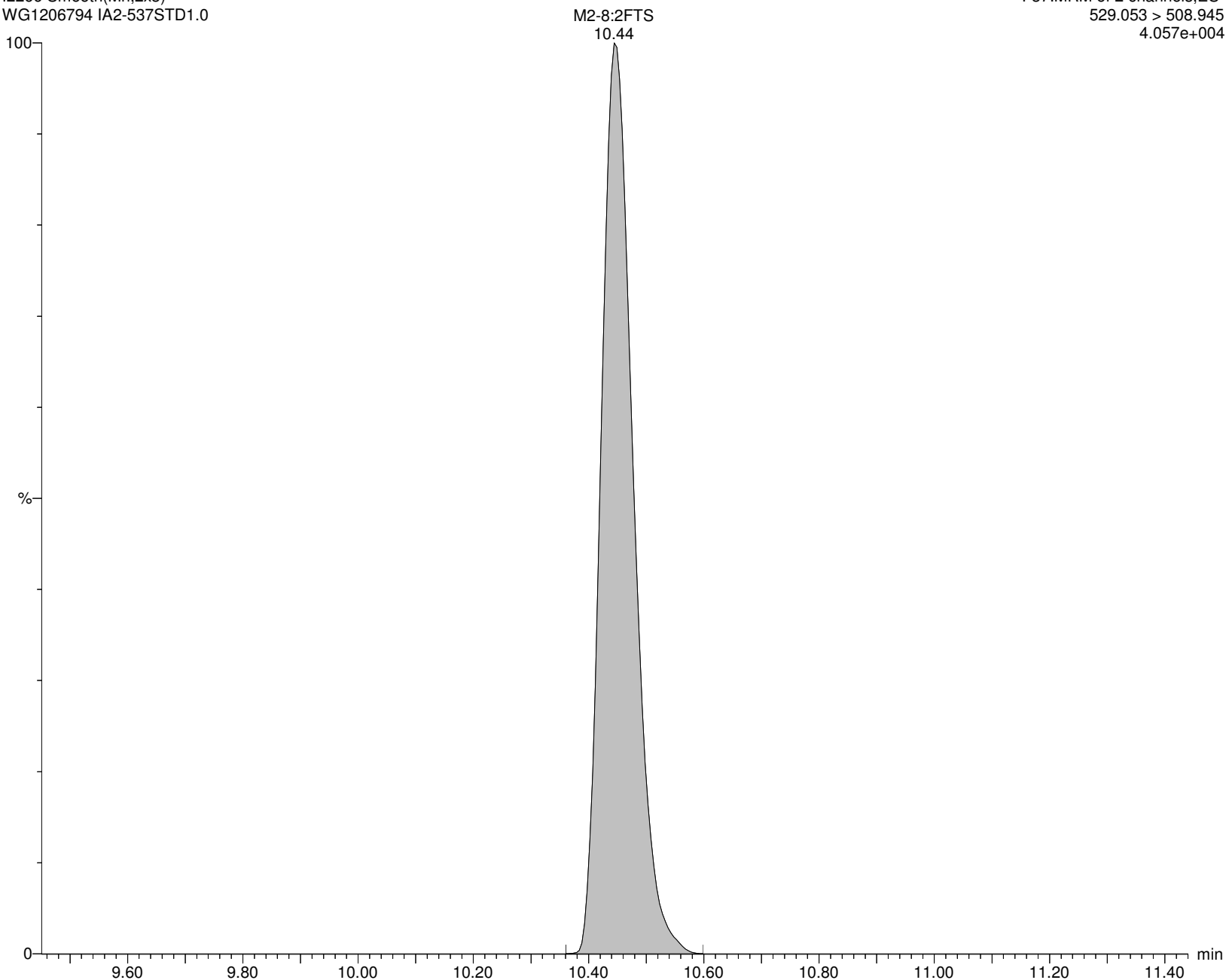
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F37:MRM of 2 channels,ES-

529.053 > 508.945

4.057e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNS

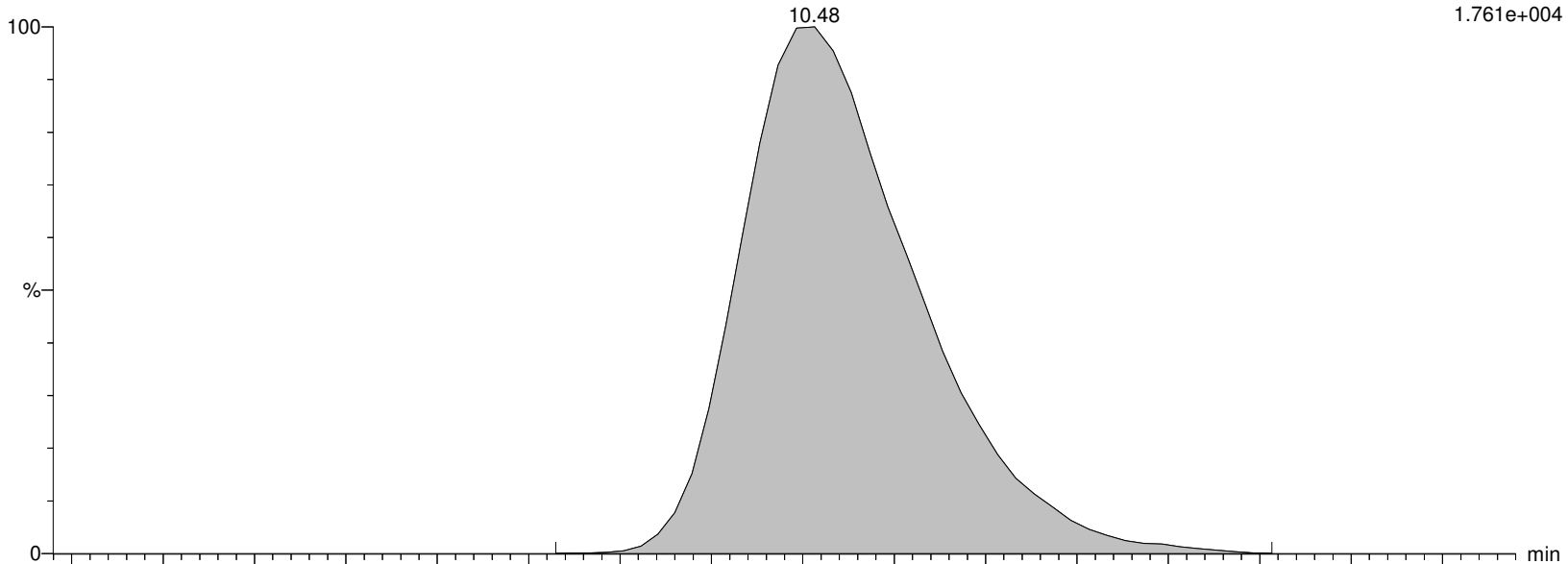
I2266 Smooth(Mn,2x2)

WG1206794 IA2-537STD1.0

F39:MRM of 2 channels,ES-

548.989 > 80.249

1.761e+004



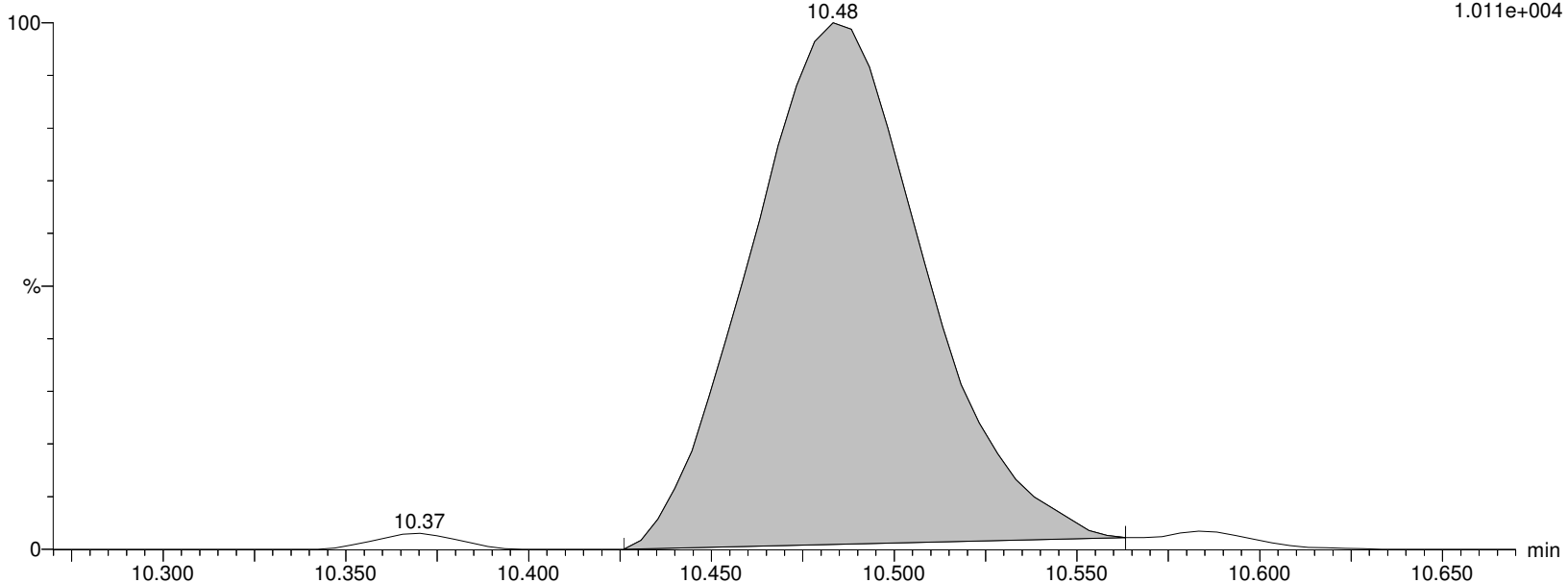
I2266 Smooth(Mn,2x2)

WG1206794 IA2-537STD1.0

F39:MRM of 2 channels,ES-

548.989 > 99.22

1.011e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d3-NMeFOSAA

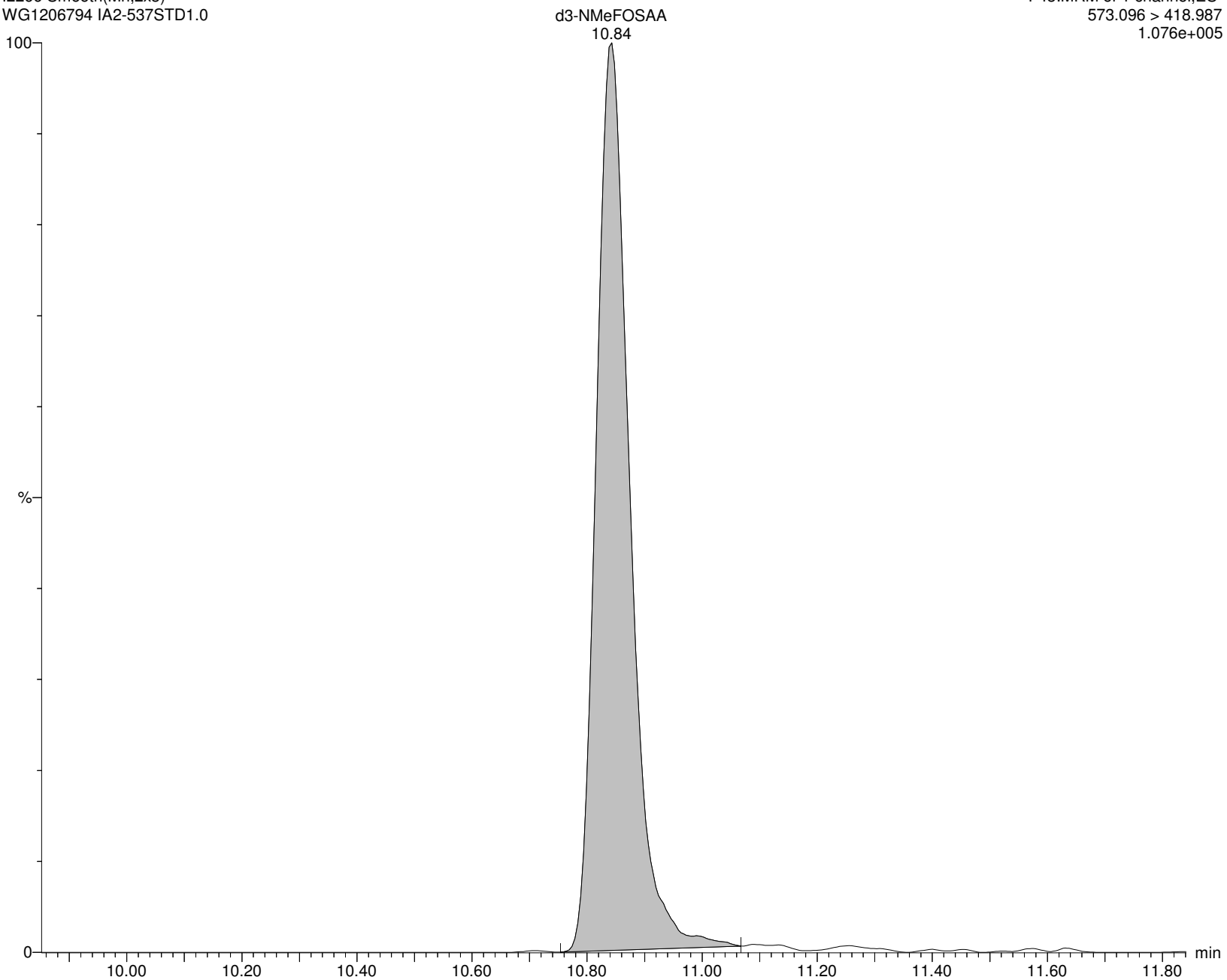
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F43:MRM of 1 channel,ES-

573.096 > 418.987

1.076e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NMeFOSAA

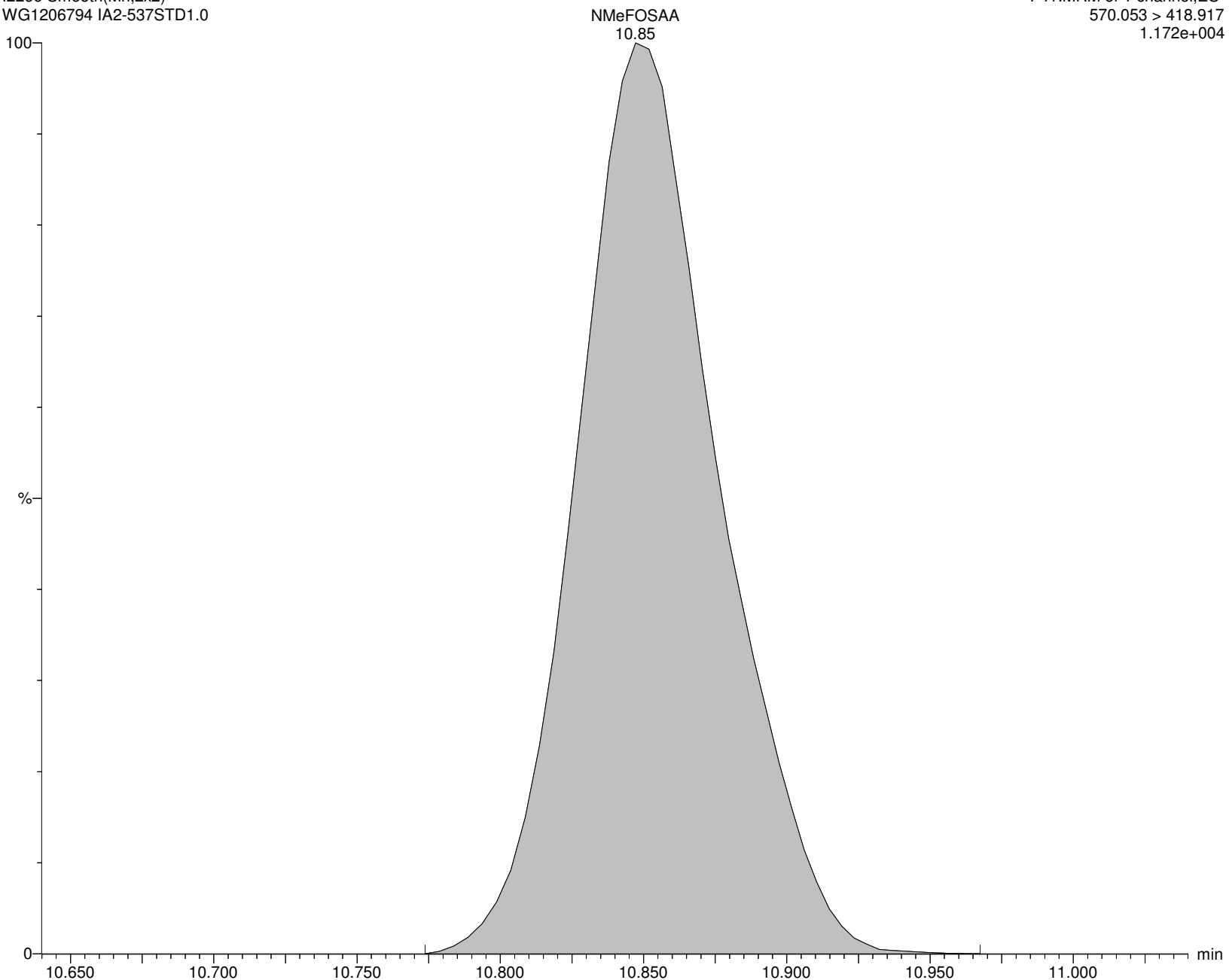
I2266 Smooth(Mn,2x2)

WG1206794 IA2-537STD1.0

F41:MRM of 1 channel,ES-

570.053 > 418.917

1.172e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFUnA

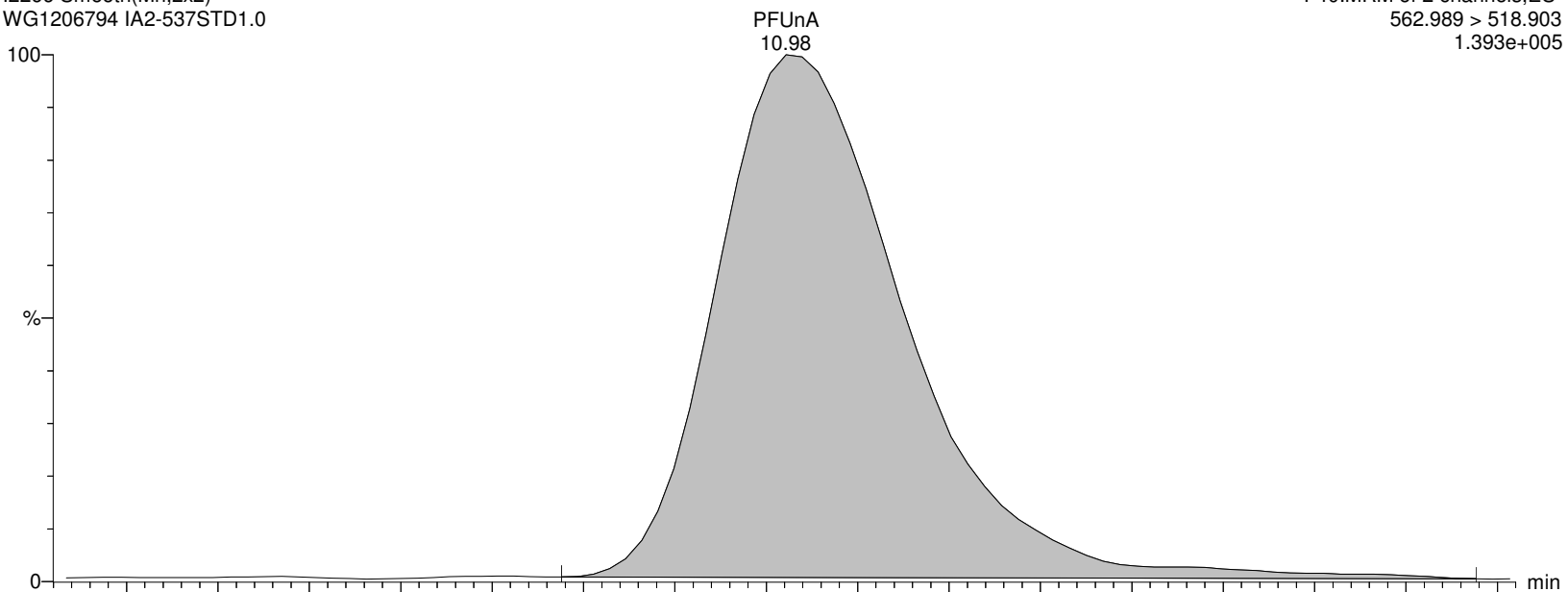
I2266 Smooth(Mn,2x2)

WG1206794 IA2-537STD1.0

F40:MRM of 2 channels,ES-

562.989 > 518.903

1.393e+005



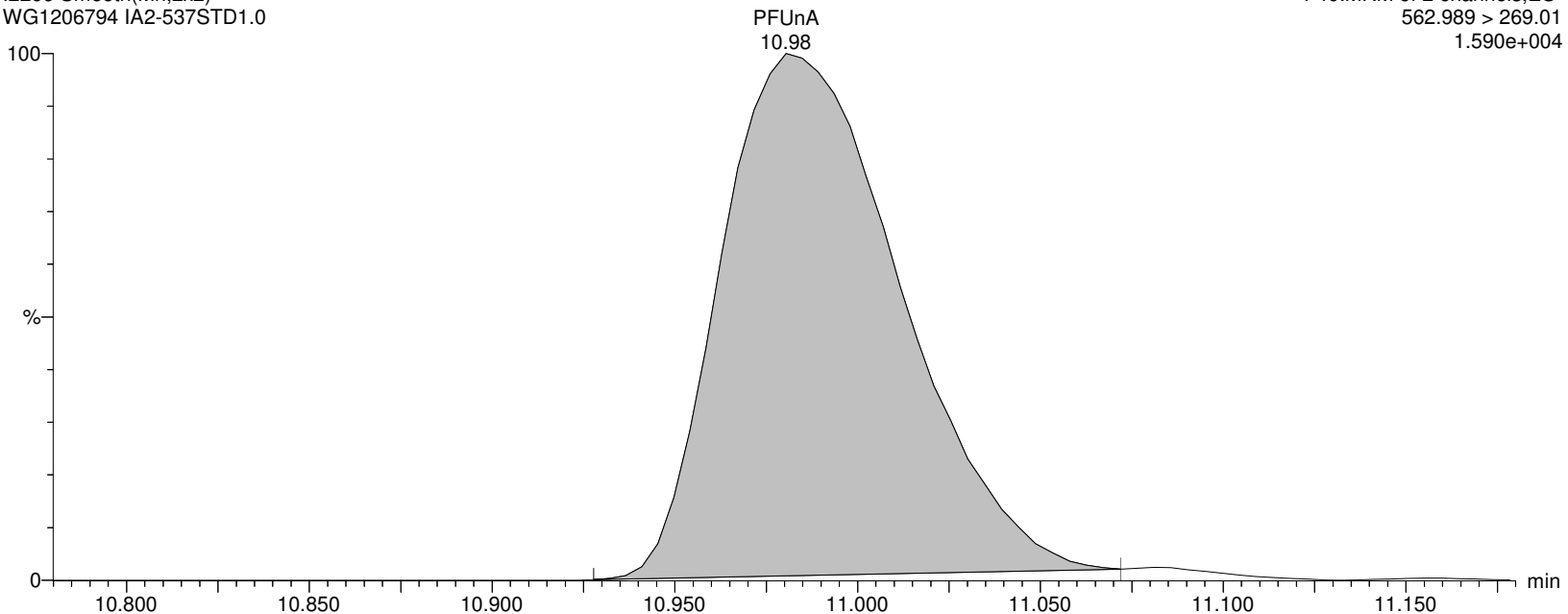
I2266 Smooth(Mn,2x2)

WG1206794 IA2-537STD1.0

F40:MRM of 2 channels,ES-

562.989 > 269.01

1.590e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M7-PFUDA

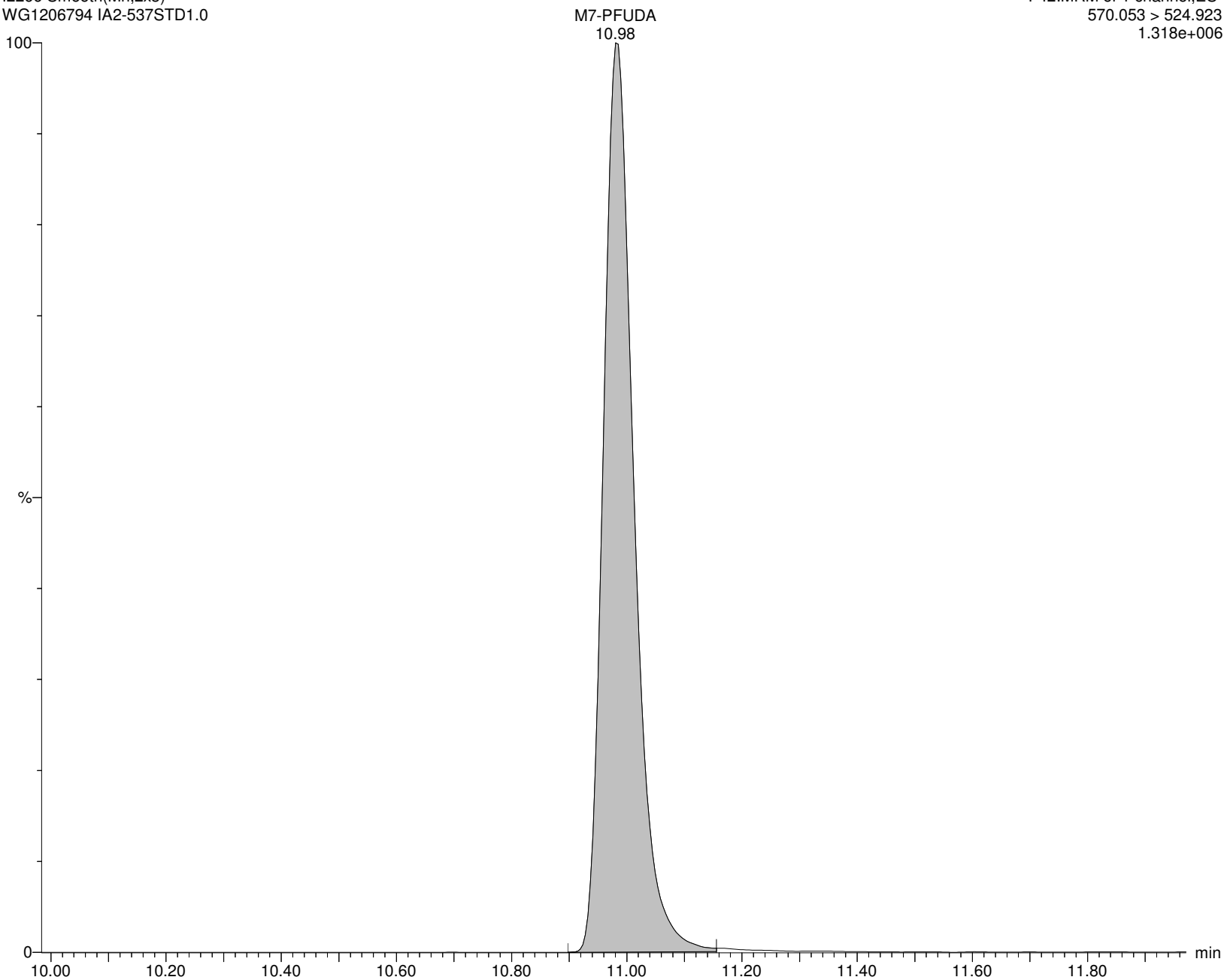
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F42:MRM of 1 channel,ES-

570.053 > 524.923

1.318e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDS

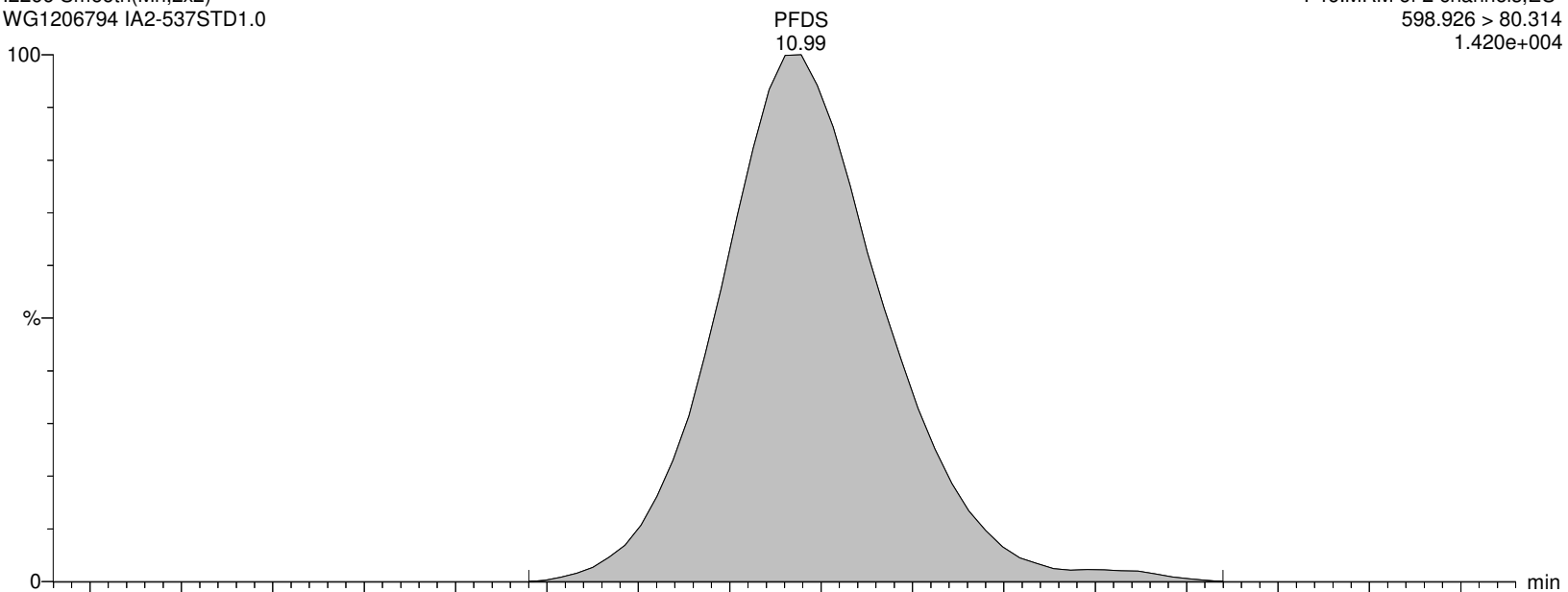
I2266 Smooth(Mn,2x2)

WG1206794 IA2-537STD1.0

F46:MRM of 2 channels,ES-

598.926 > 80.314

1.420e+004



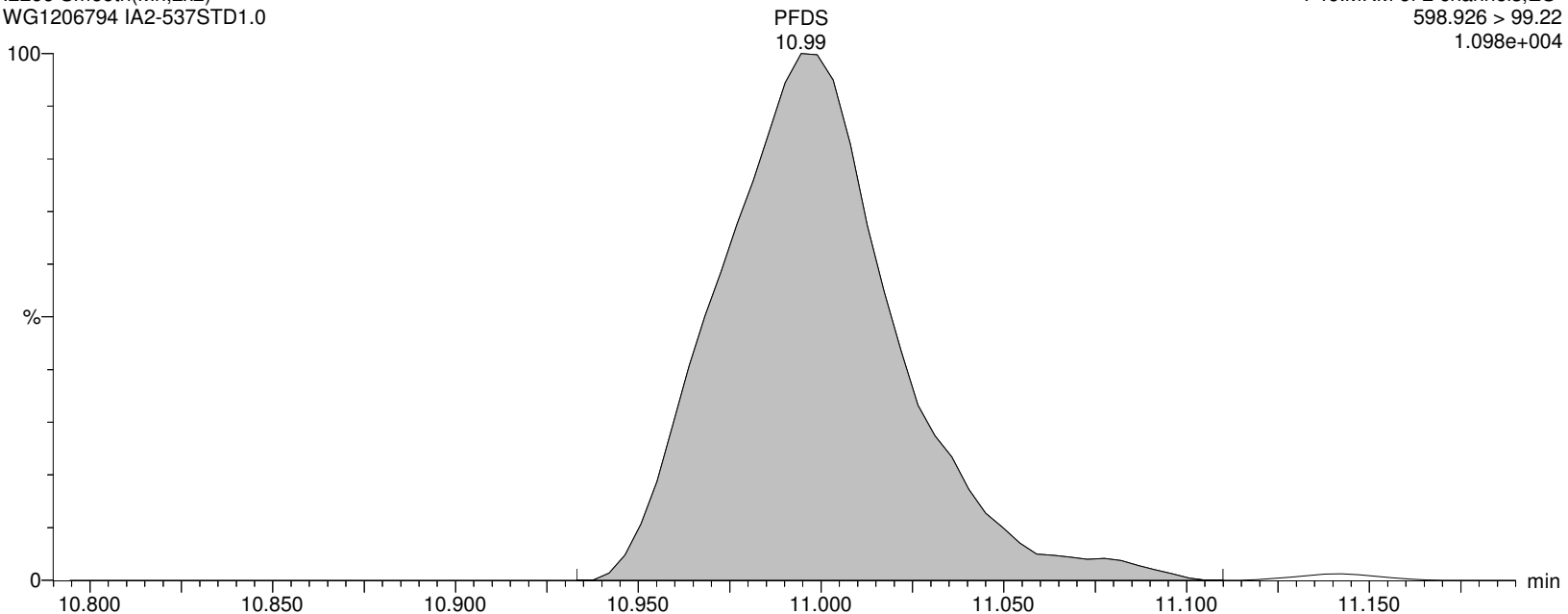
I2266 Smooth(Mn,2x2)

WG1206794 IA2-537STD1.0

F46:MRM of 2 channels,ES-

598.926 > 99.22

1.098e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

FOSA

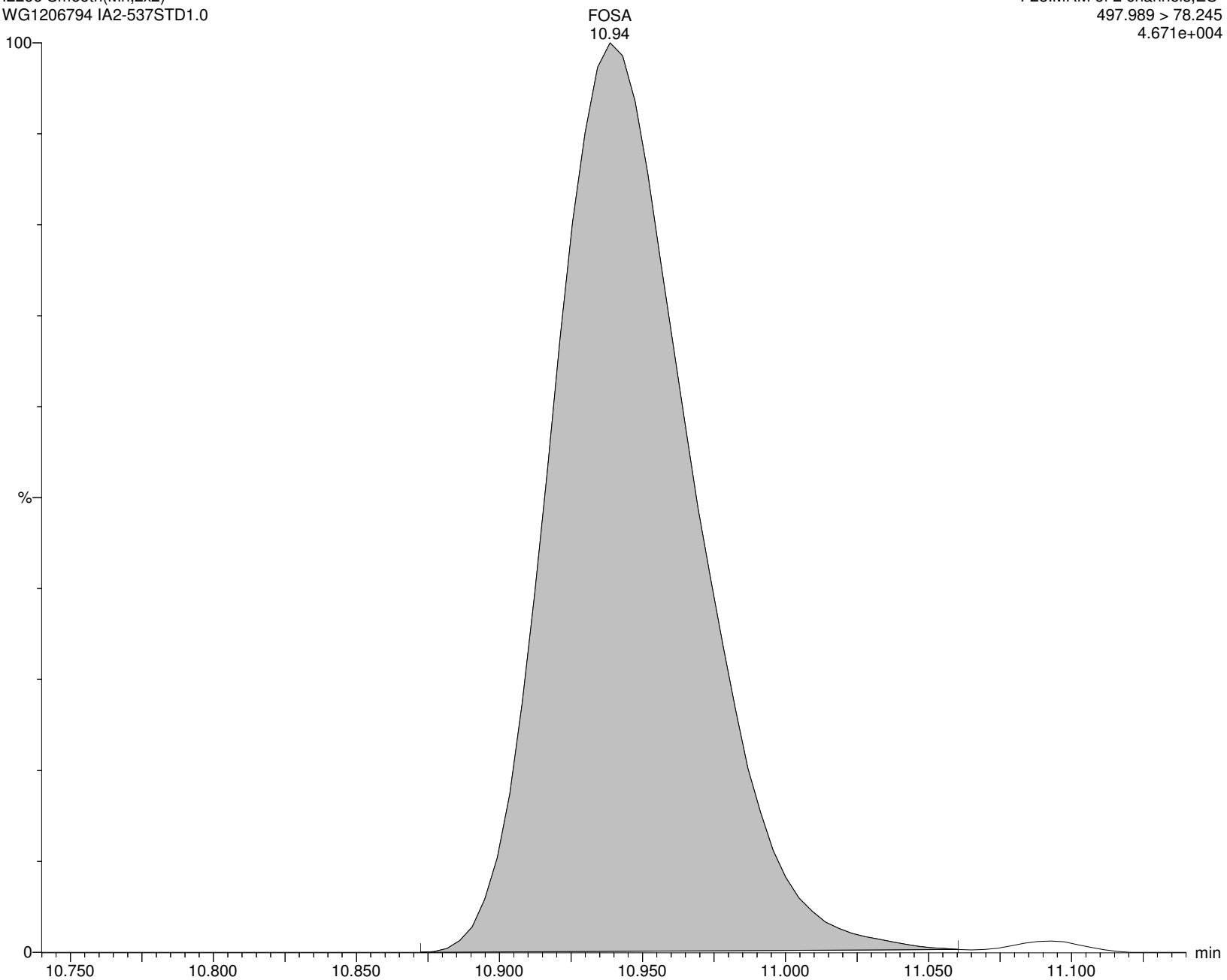
I2266 Smooth(Mn,2x2)

WG1206794 IA2-537STD1.0

F28:MRM of 2 channels,ES-

497.989 > 78.245

4.671e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8FOSA

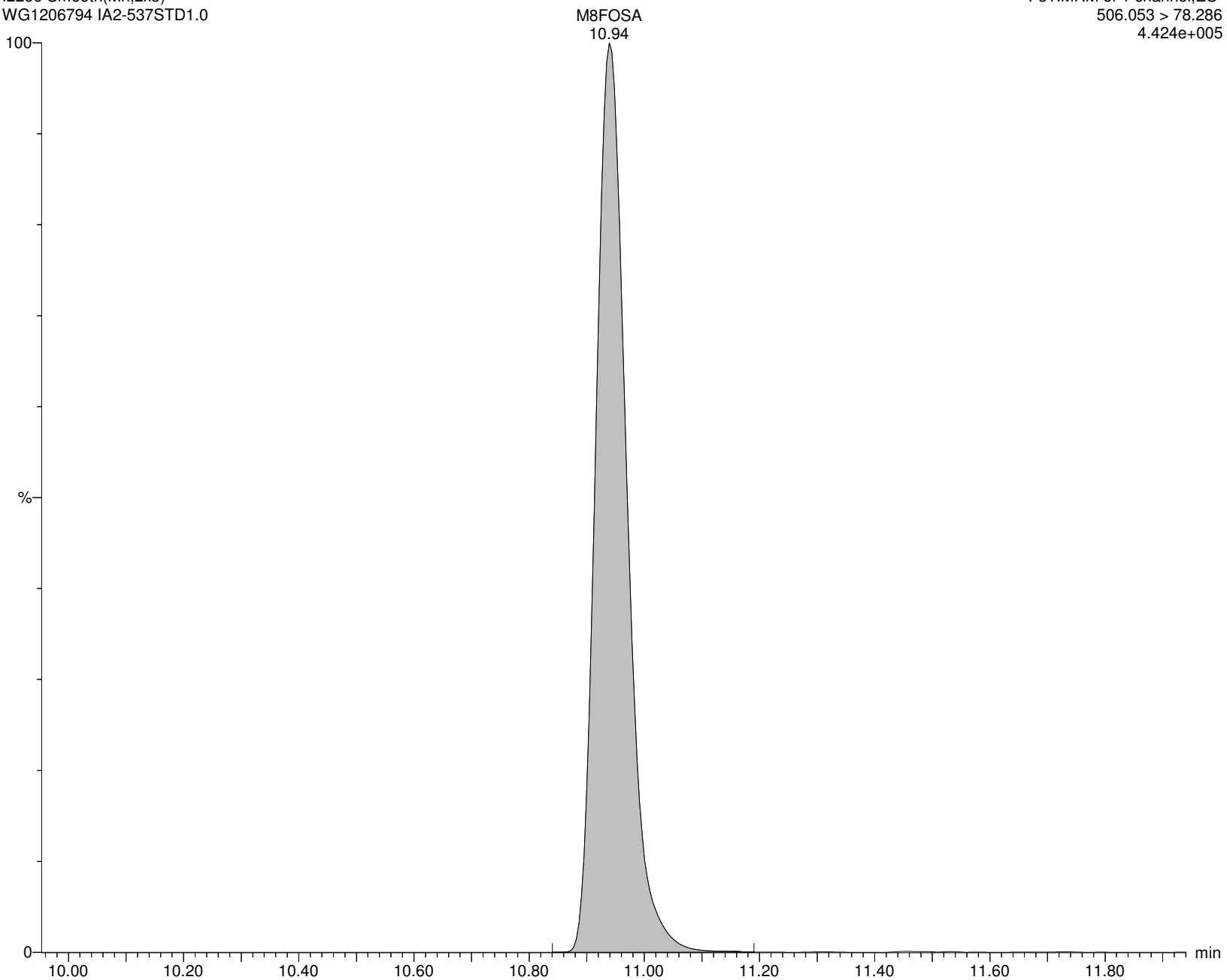
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F31:MRM of 1 channel,ES-

506.053 > 78.286

4.424e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d5-NEtFOSAA

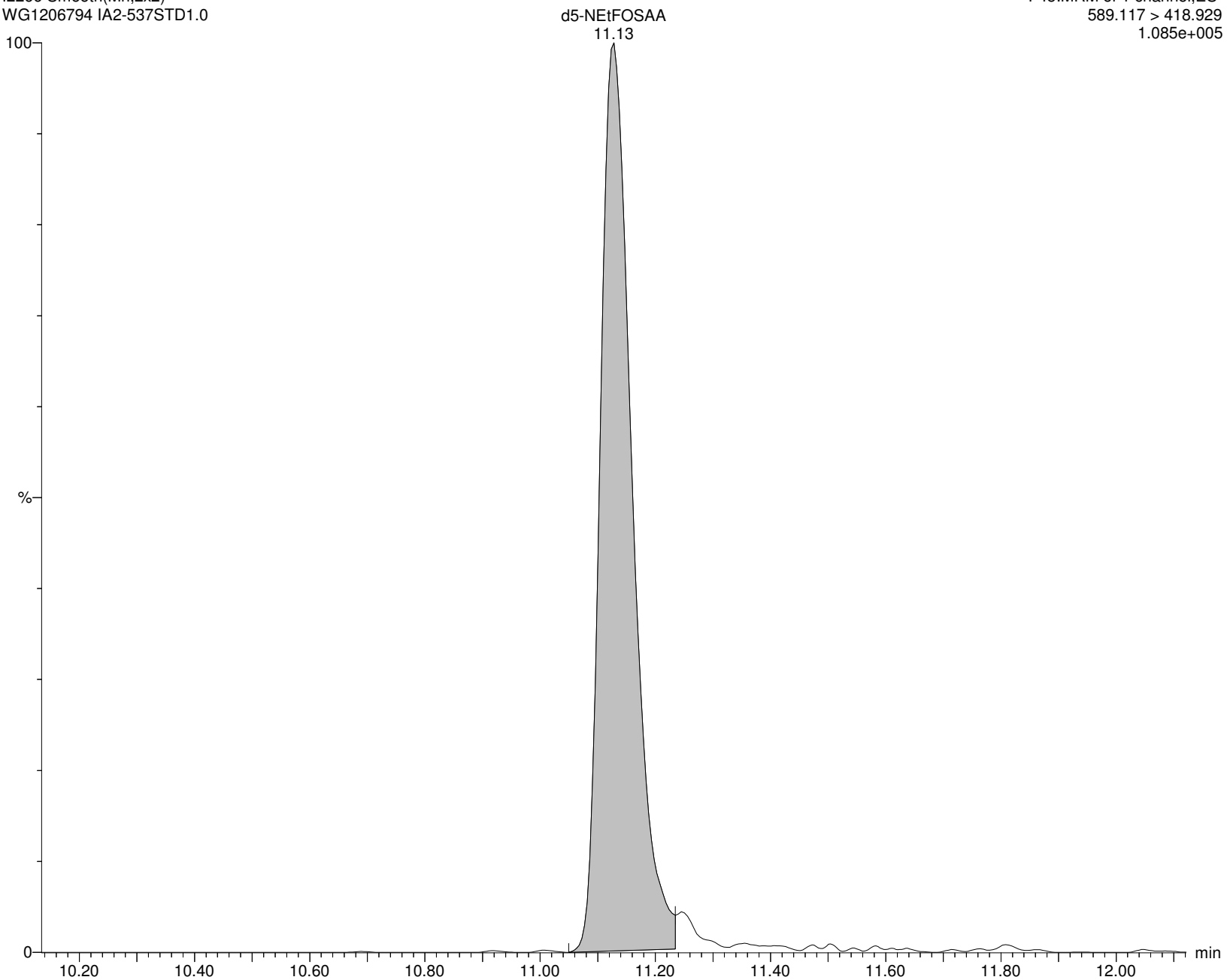
I2266 Smooth(Mn,2x2)

WG1206794 IA2-537STD1.0

F45:MRM of 1 channel,ES-

589.117 > 418.929

1.085e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NEtFOSAA

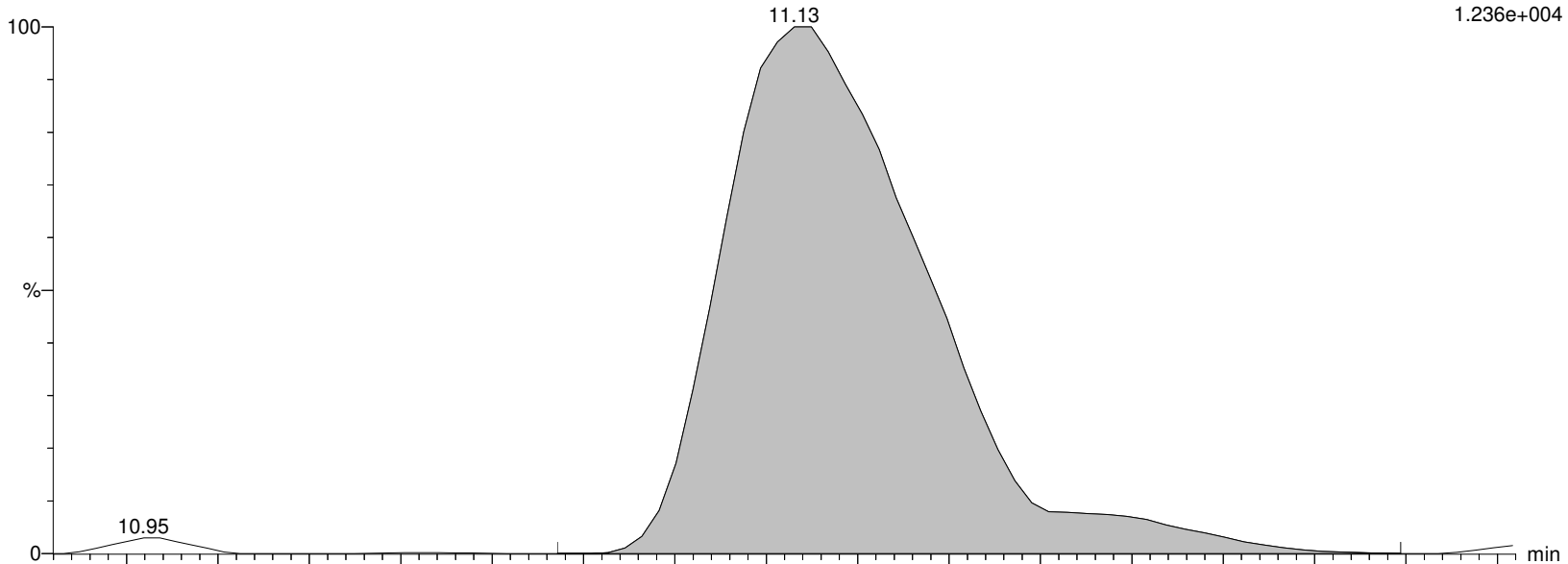
I2266 Smooth(Mn,2x2)

WG1206794 IA2-537STD1.0

F44:MRM of 2 channels,ES-

583.989 > 418.927

1.236e+004



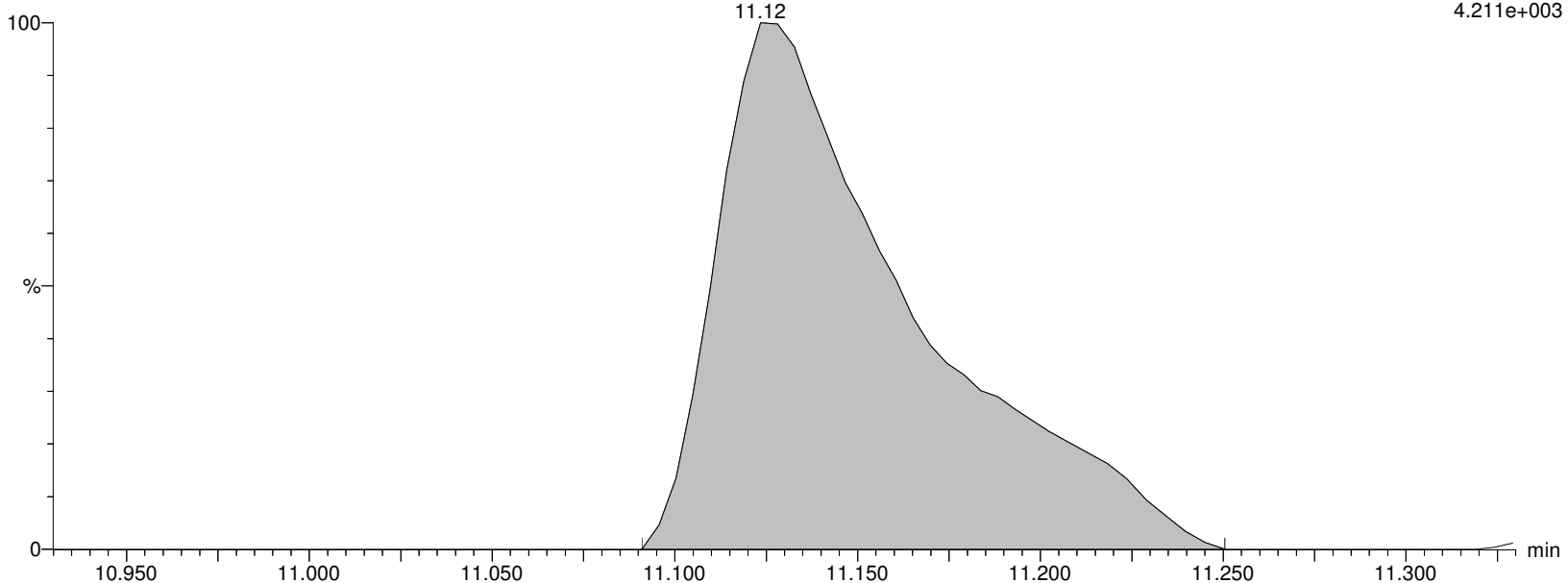
I2266 Smooth(Mn,2x2)

WG1206794 IA2-537STD1.0

F44:MRM of 2 channels,ES-

583.989 > 482.88

4.211e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDoA

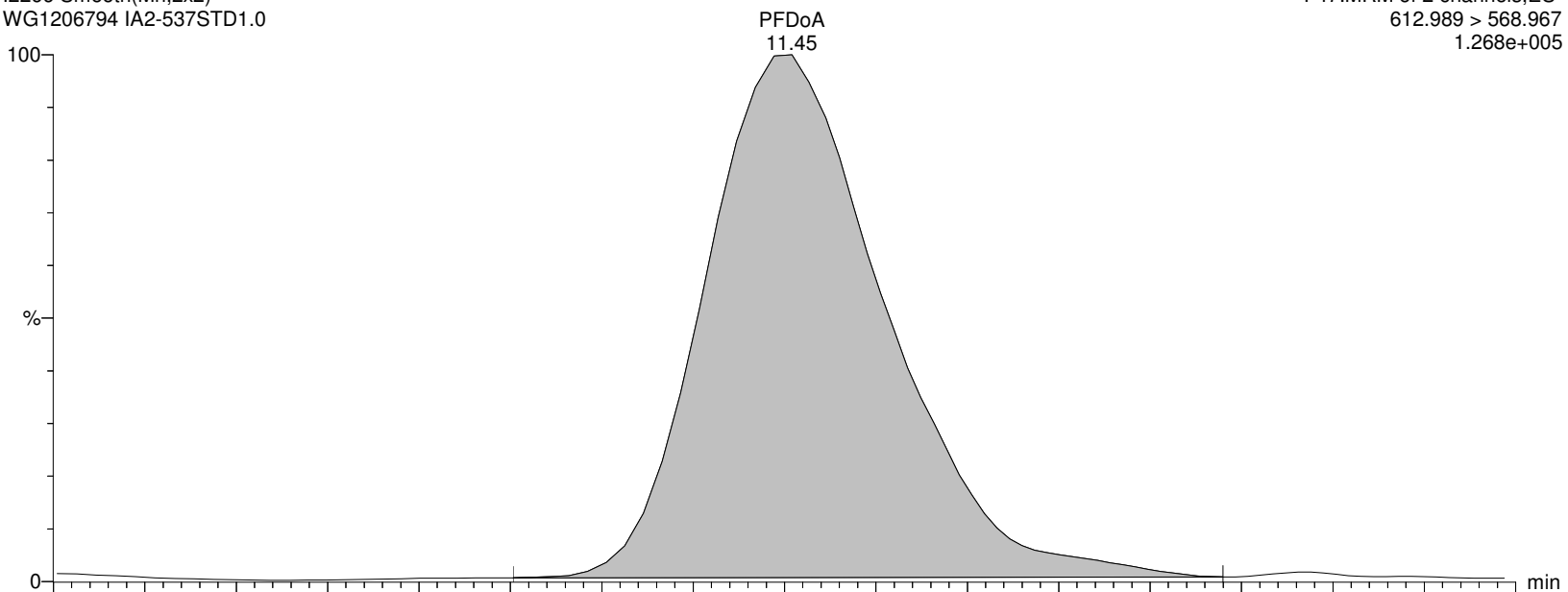
I2266 Smooth(Mn,2x2)

WG1206794 IA2-537STD1.0

F47:MRM of 2 channels,ES-

612.989 > 568.967

1.268e+005



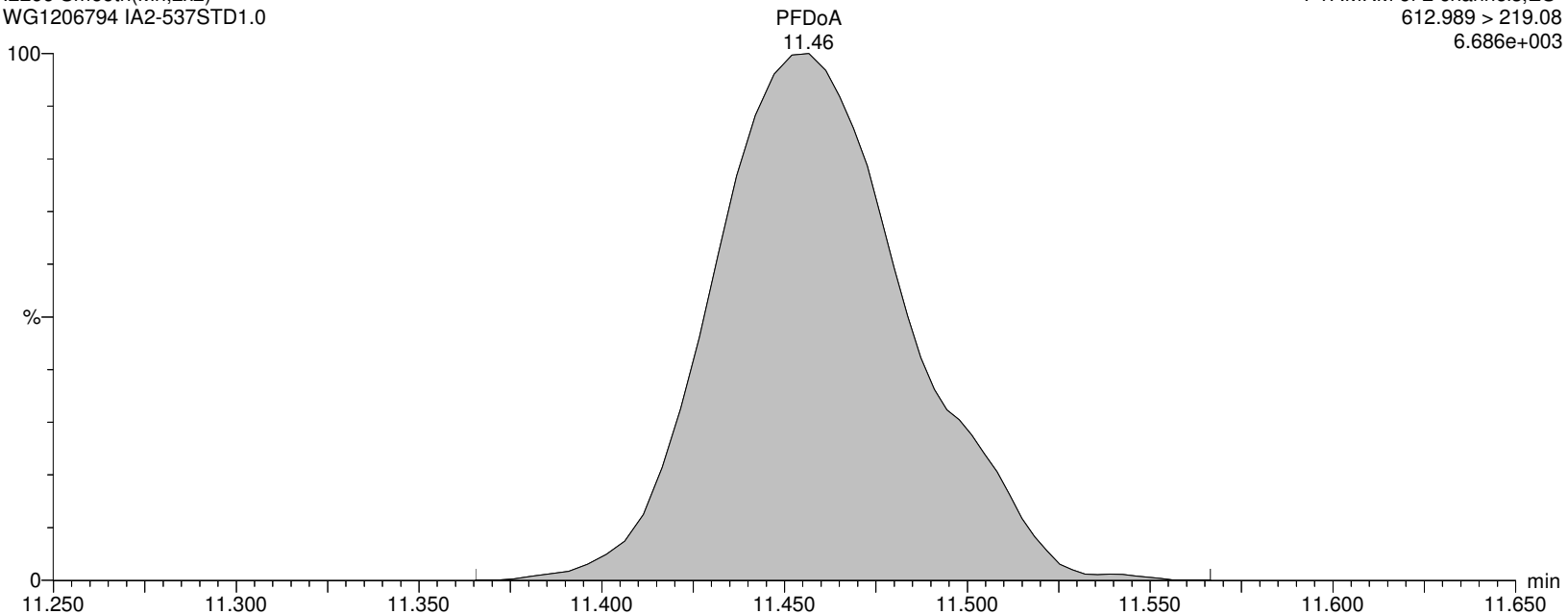
I2266 Smooth(Mn,2x2)

WG1206794 IA2-537STD1.0

F47:MRM of 2 channels,ES-

612.989 > 219.08

6.686e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFDOA

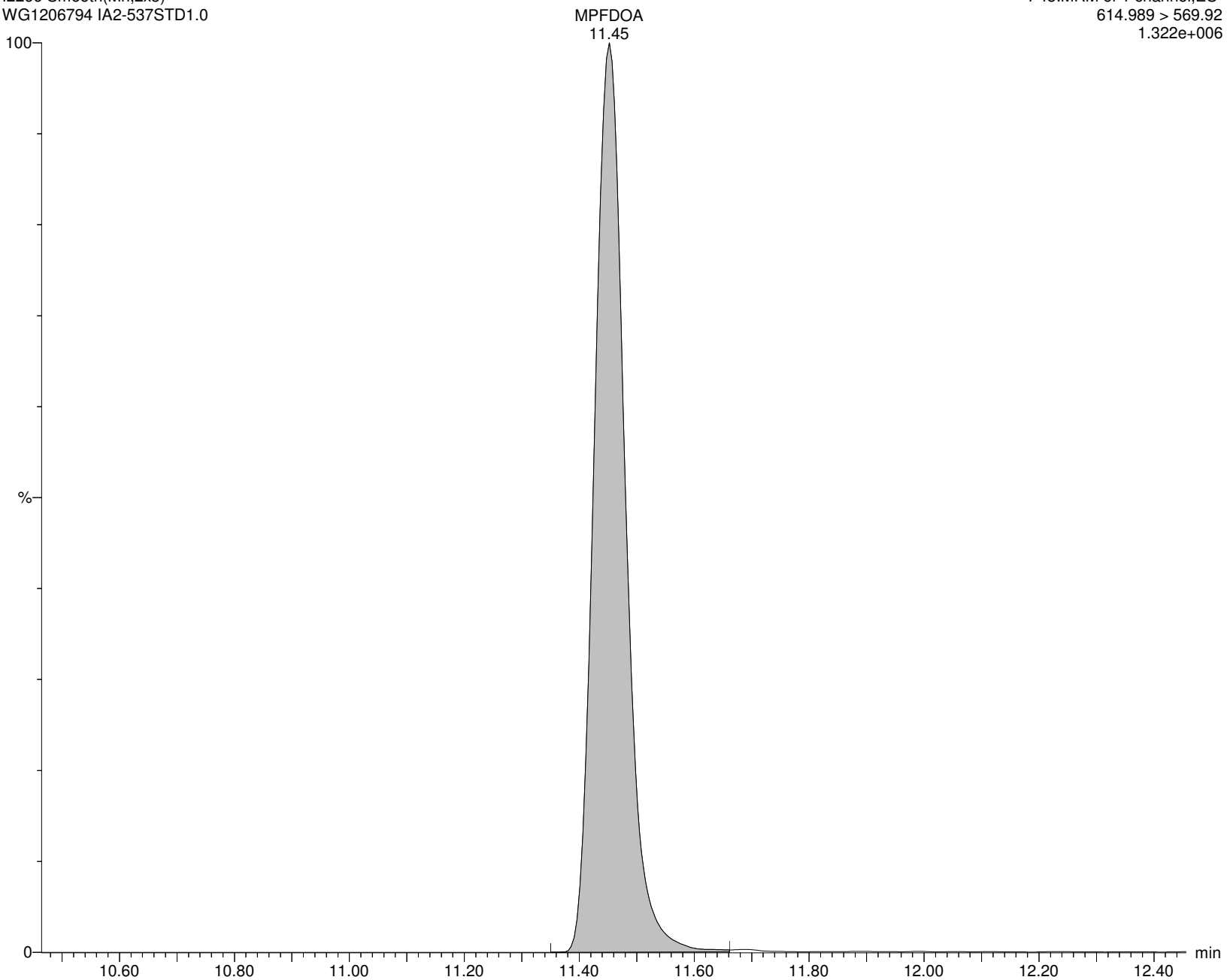
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F48:MRM of 1 channel,ES-

614.989 > 569.92

1.322e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTTrDA

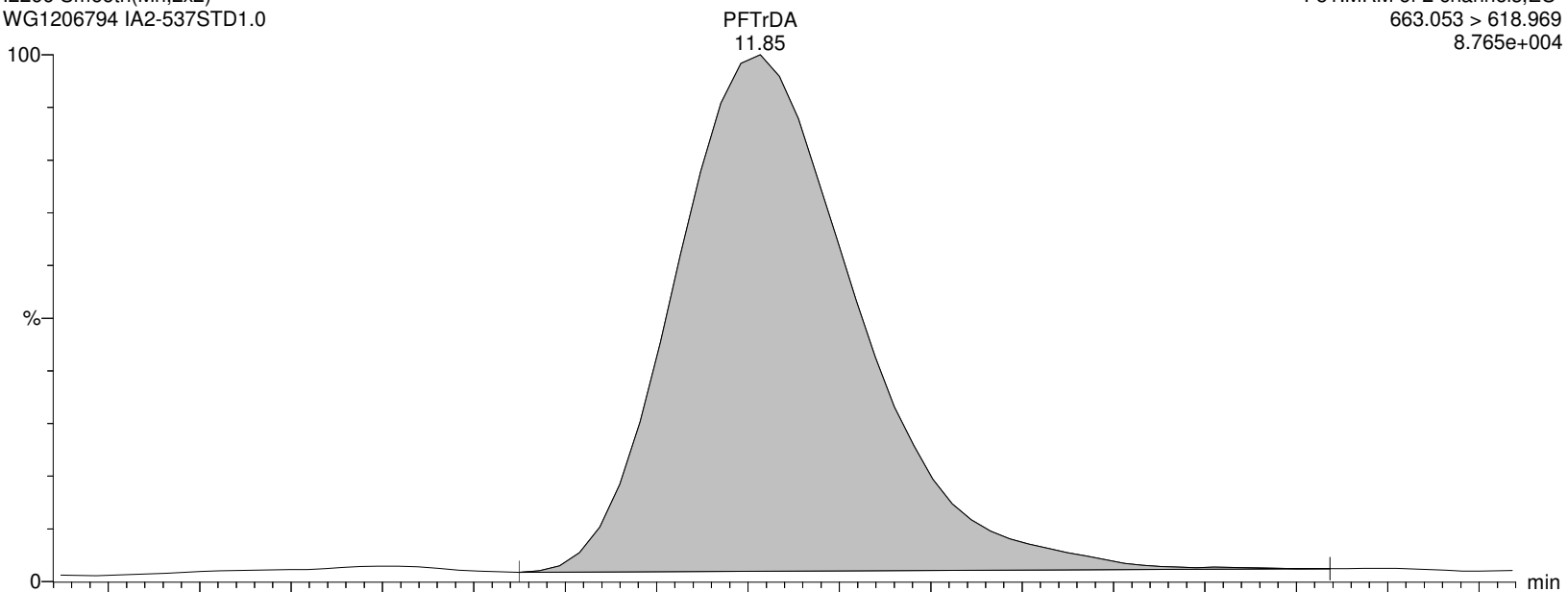
I2266 Smooth(Mn,2x2)

WG1206794 IA2-537STD1.0

F51:MRM of 2 channels,ES-

663.053 > 618.969

8.765e+004



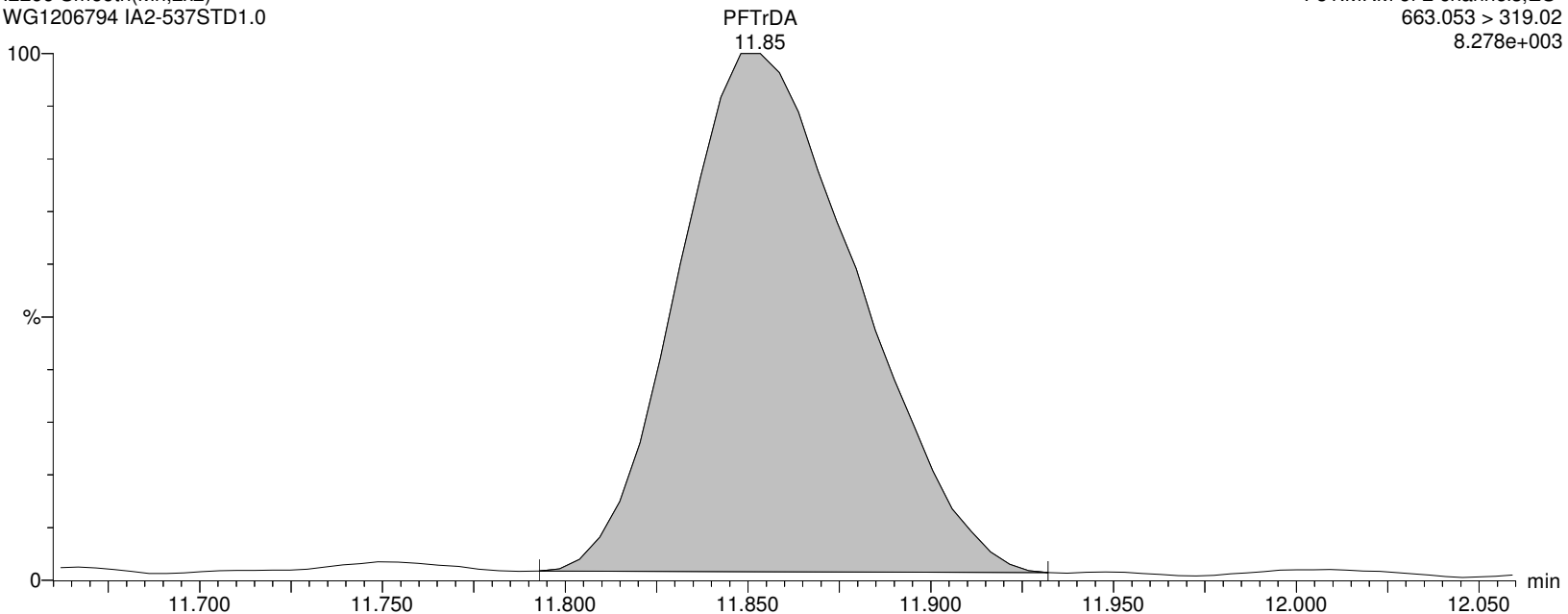
I2266 Smooth(Mn,2x2)

WG1206794 IA2-537STD1.0

F51:MRM of 2 channels,ES-

663.053 > 319.02

8.278e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTA

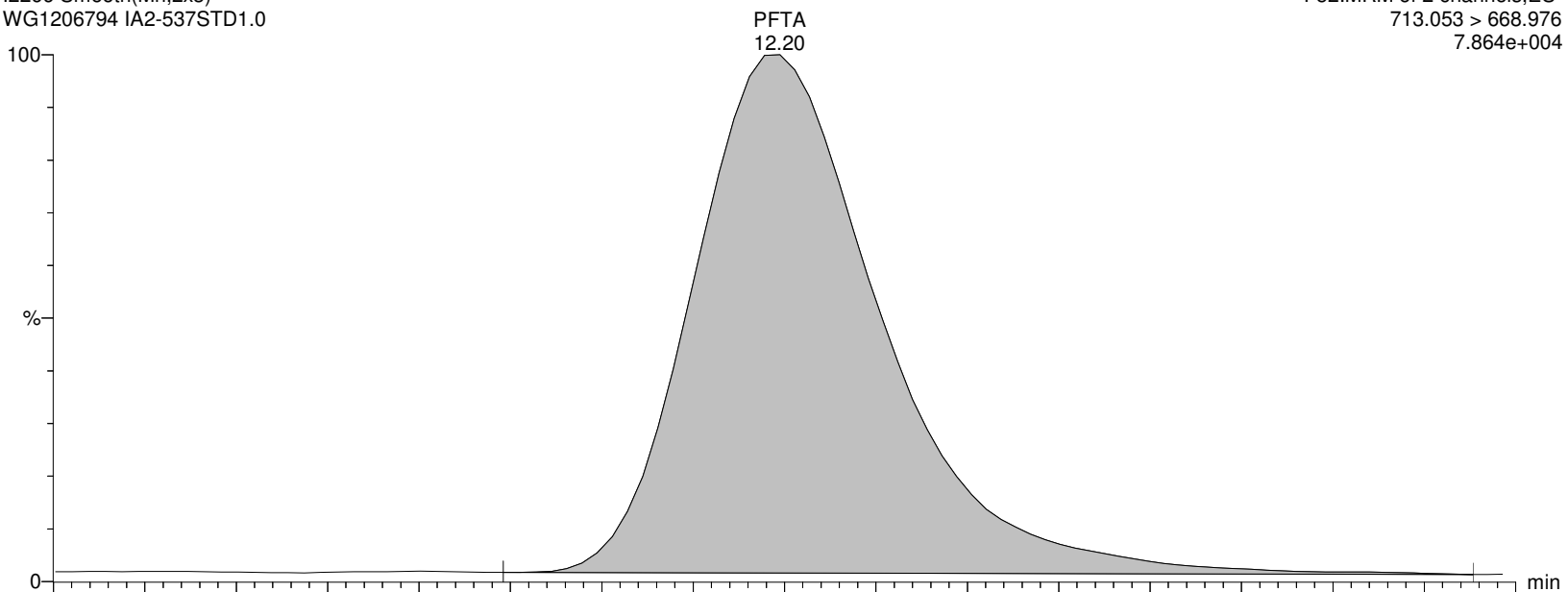
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F52:MRM of 2 channels,ES-

713.053 > 668.976

7.864e+004



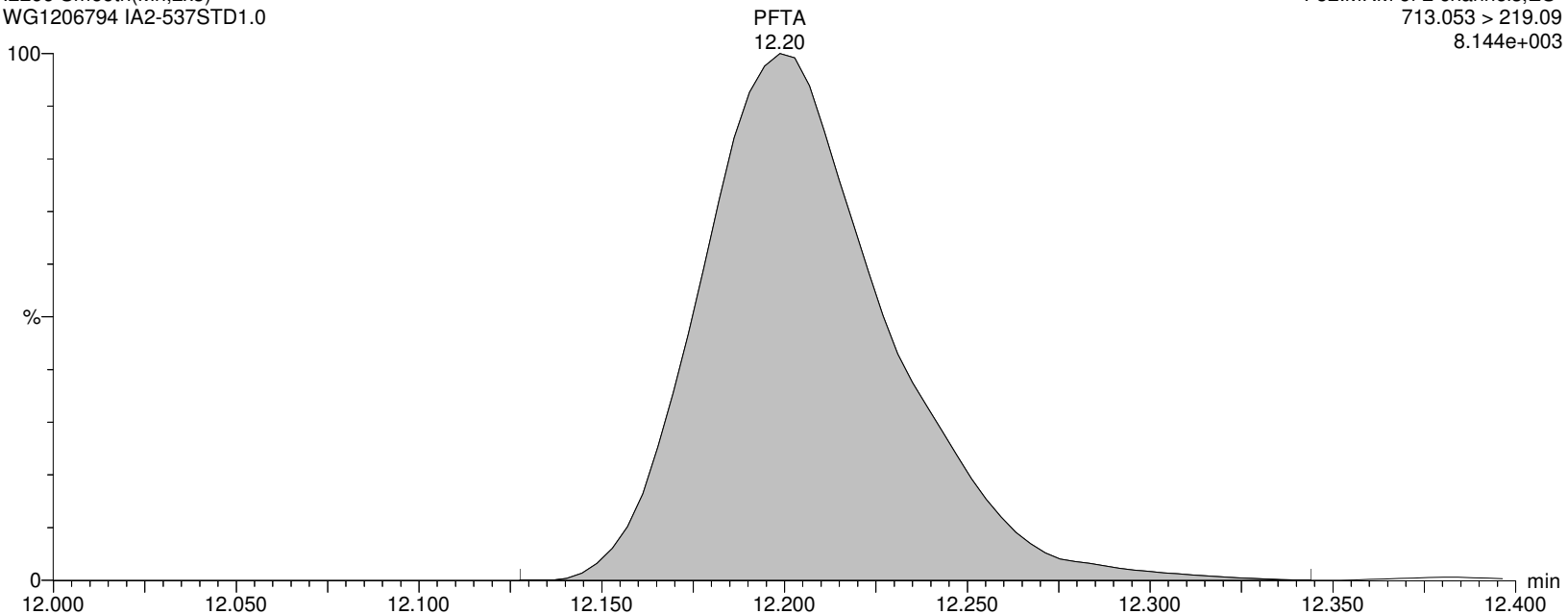
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F52:MRM of 2 channels,ES-

713.053 > 219.09

8.144e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFTEDA

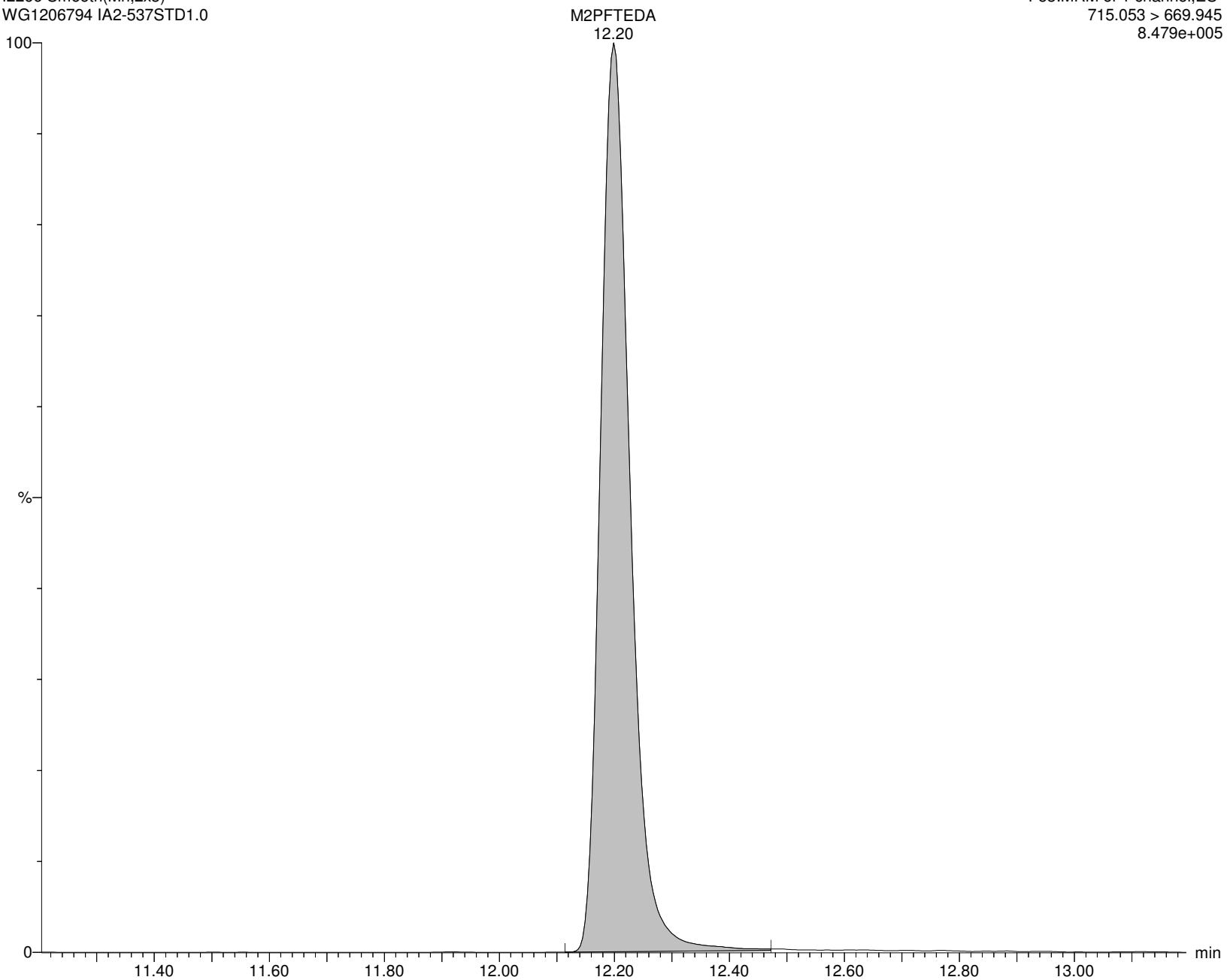
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F53:MRM of 1 channel,ES-

715.053 > 669.945

8.479e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3HFPO-DA

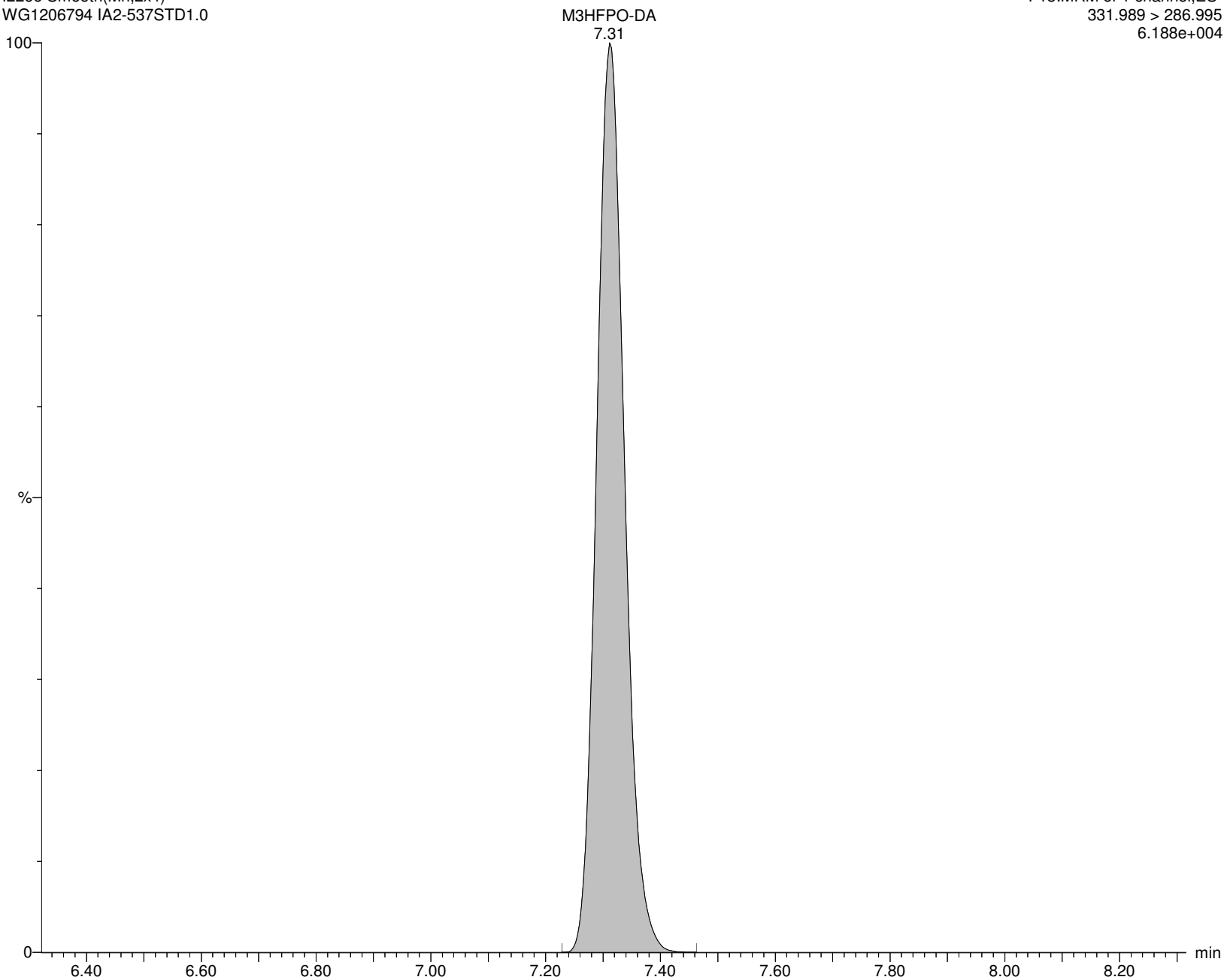
I2266 Smooth(Mn,2x4)

WG1206794 IA2-537STD1.0

F13:MRM of 1 channel,ES-

331.989 > 286.995

6.188e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

HFPO-DA

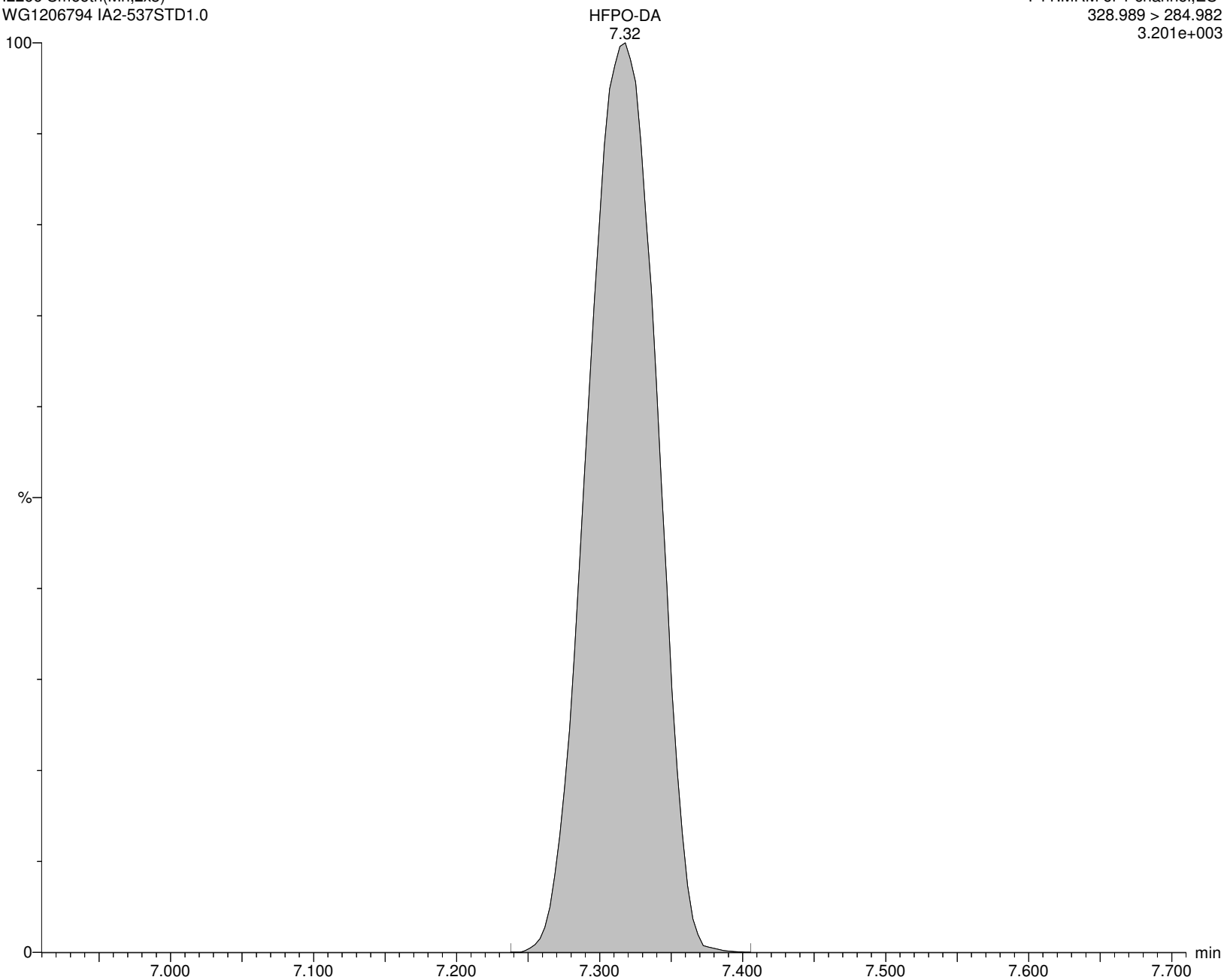
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F11:MRM of 1 channel,ES-

328.989 > 284.982

3.201e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

ADONA

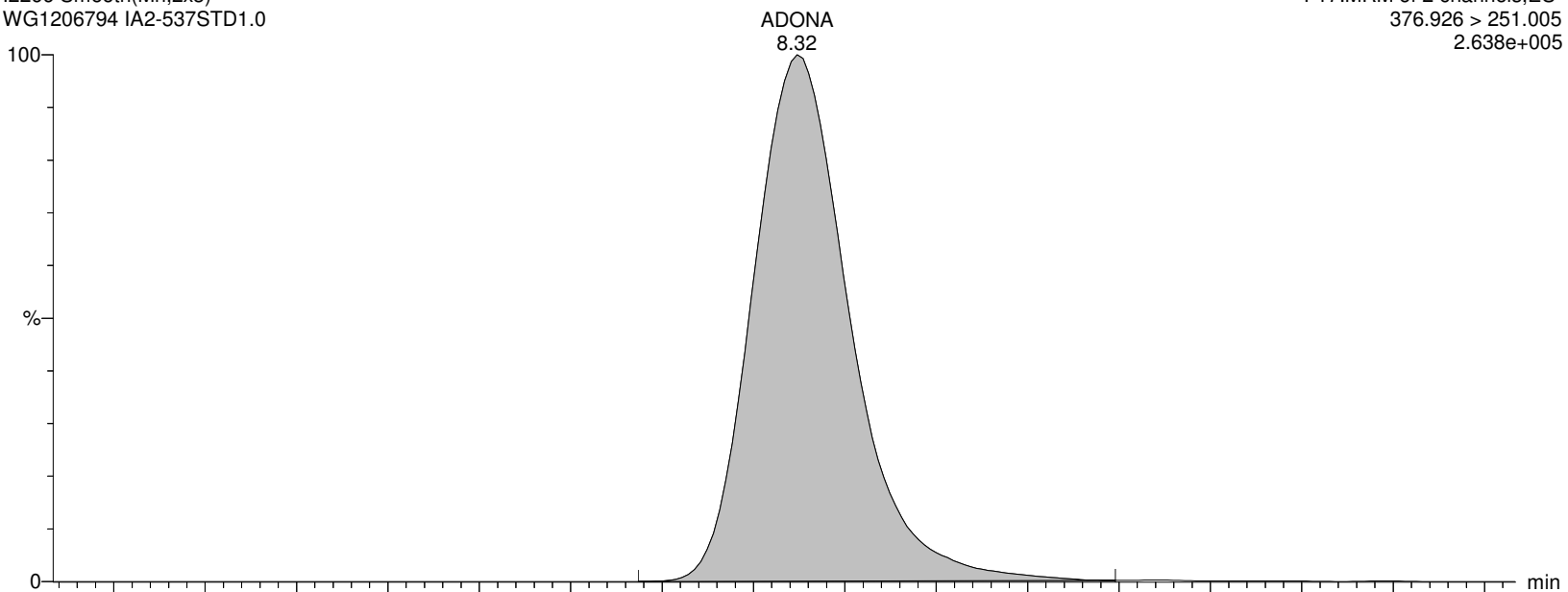
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F17:MRM of 2 channels,ES-

376.926 > 251.005

2.638e+005



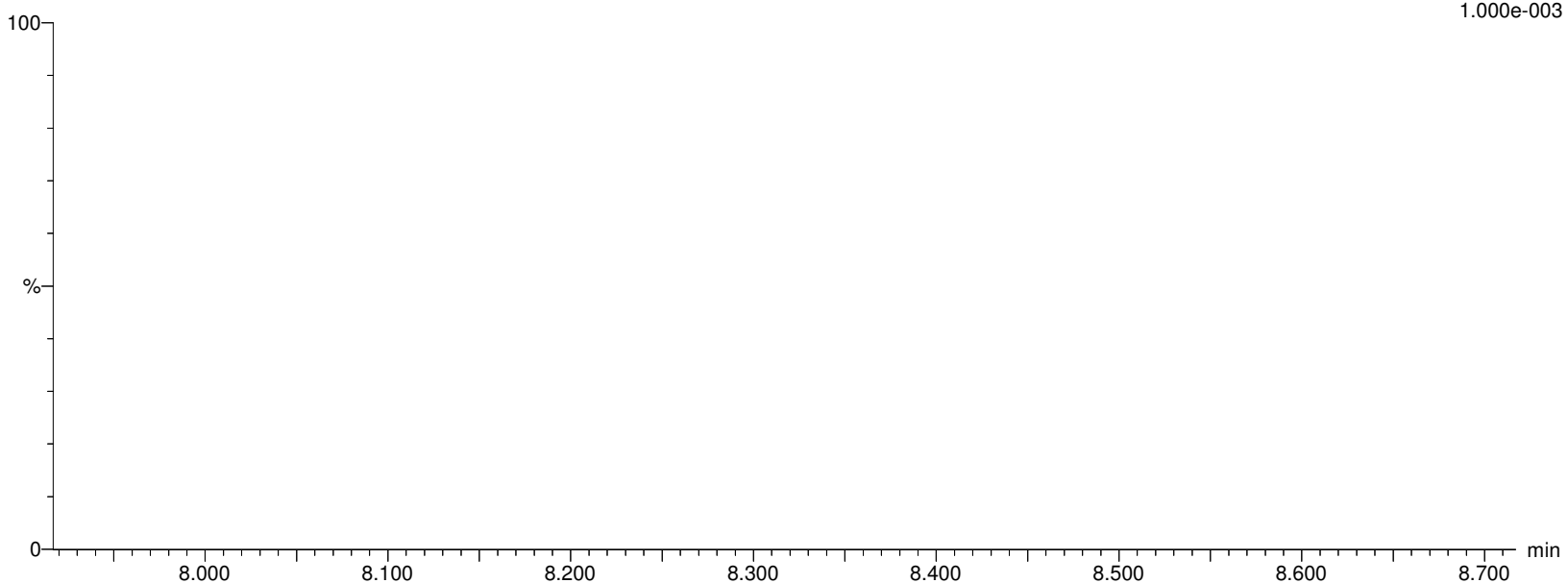
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F17:MRM of 2 channels,ES-

376.926 > 135.12

1.000e-003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxDA

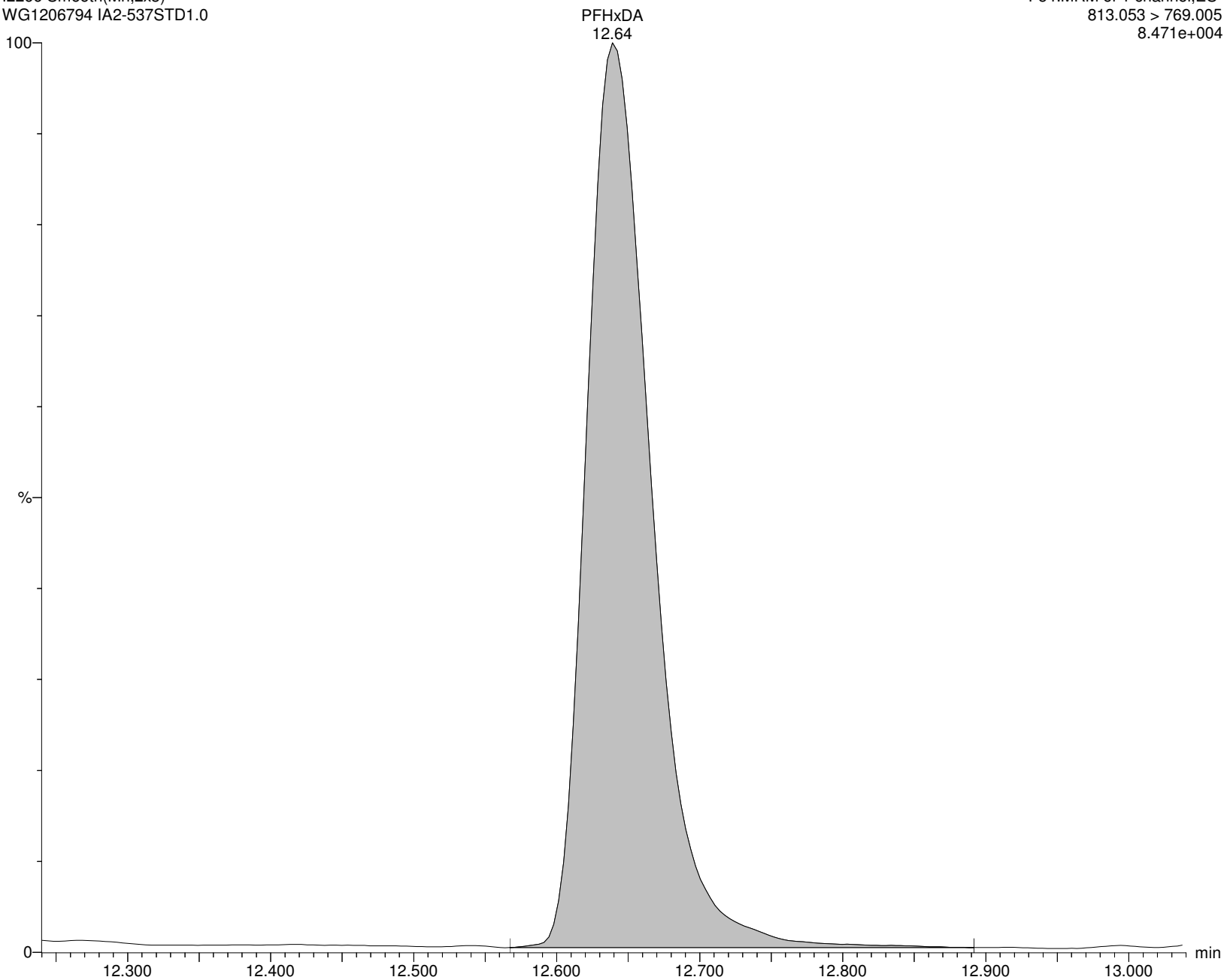
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F54:MRM of 1 channel,ES-

813.053 > 769.005

8.471e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFODA

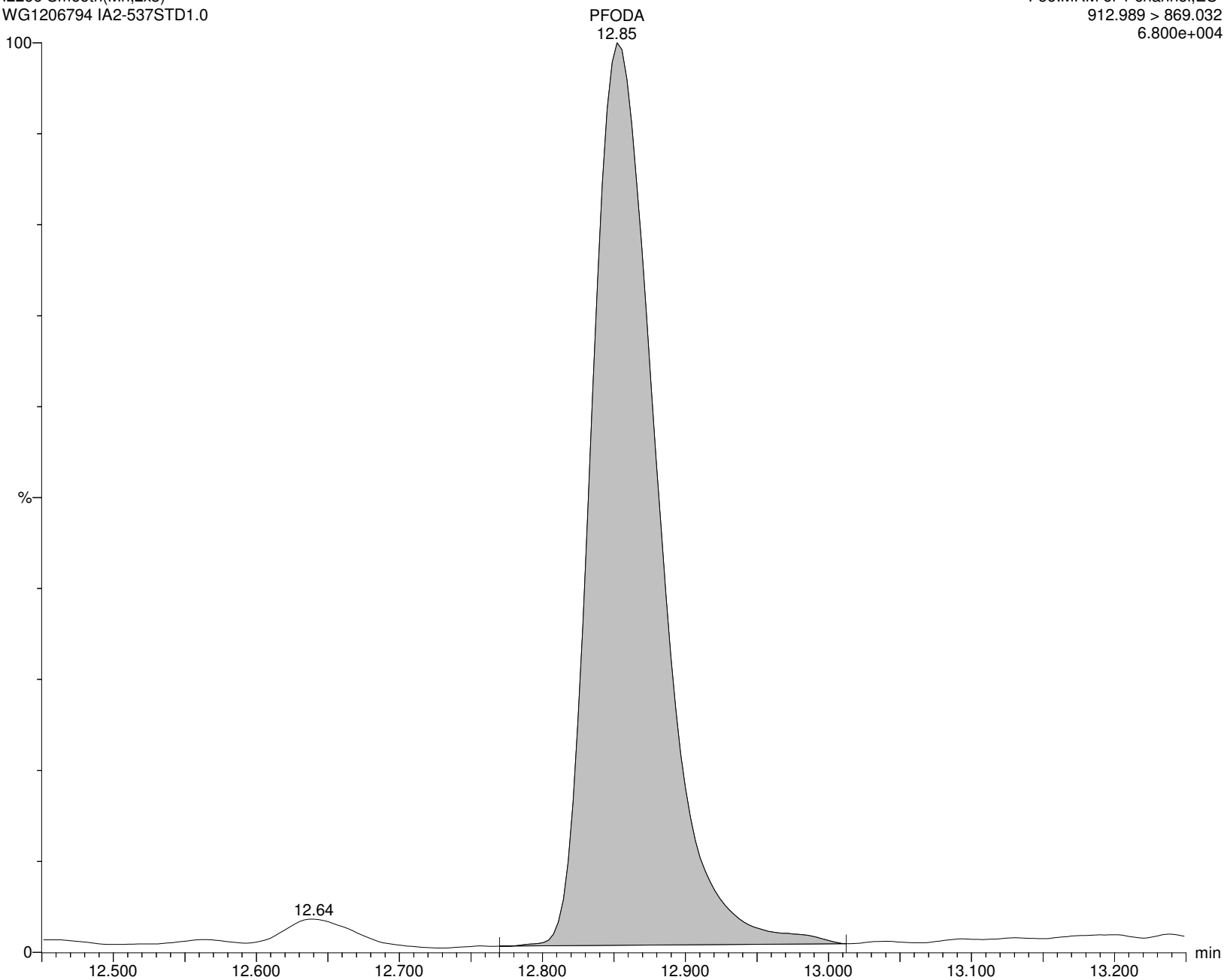
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F56:MRM of 1 channel,ES-

912.989 > 869.032

6.800e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:00 Eastern Standard Time

Name: I2266

ID: IA2-537STD1.0

Date: 14-Feb-2019

Time: 15:33:55

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFHxDA

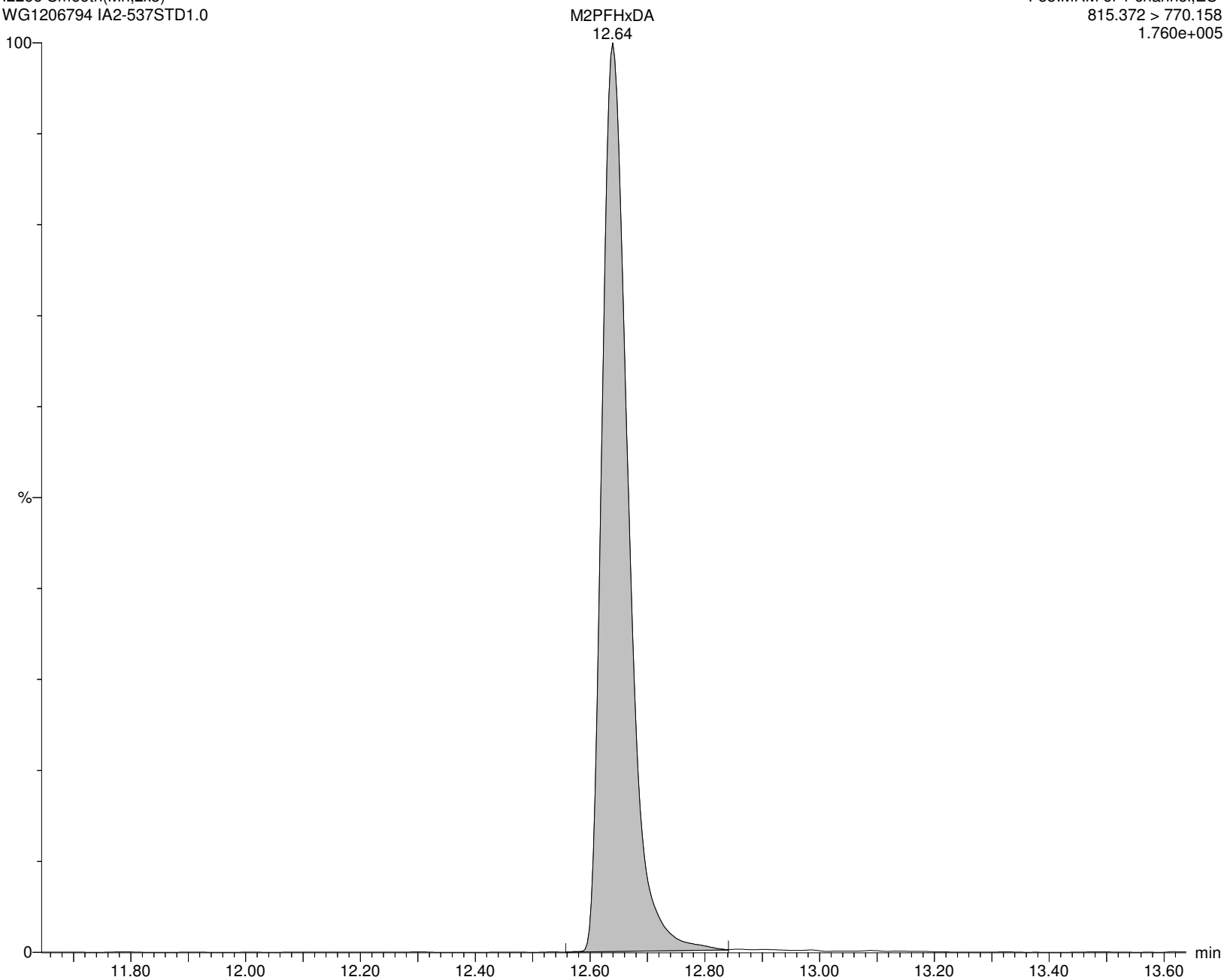
I2266 Smooth(Mn,2x3)

WG1206794 IA2-537STD1.0

F55:MRM of 1 channel,ES-

815.372 > 770.158

1.760e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Method: C:\MassLynx\Data\2019\190214_537ISO.PRO\MethDB\537ISO_Q.mdb 10 Jan 2019 15:42:15

Calibration: C:\MassLynx\Data\2019\190214_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 07:45:17

ID: IA2-537STD5.0

Name: I2267

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:PB

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.32	212.926 > 169.111	21858		4.775		na	95.5
2	M3PFBA	INT STD	2.31	215.926 > 172.122	49864		10.505		na	105.1
3	MPFBA	INT STD	2.31	216.926 > 172.137	53363		9.906		na	99.1
4	PFPeA	2706-90-3	5.05	262.926 > 219.002	34028		4.659		na	93.2
5	M5PFPEA	INT STD	5.05	267.989 > 223.081	68197		10.177		na	101.8
6	PFBS	375-73-5	5.67	298.989 > 80.295	5191		3.951		na	89.3
7	M3PFBS	INT STD	5.67	301.989 > 80.254	12588		9.642		na	96.4
8	4:2FTS	757124-72-4	6.81	326.926 > 306.957	2890		4.718	2.29	YES	100.9
9	M2-4:2FTS	INT STD	6.81	329.117 > 309.079	5164		8.526		na	85.3
10	PFHxA	307-24-4	6.89	312.989 > 269.028	41983		4.641	18.01	NO	92.8
11	M5PFHxA	INT STD	6.89	317.989 > 273.045	89326		10.139		na	101.4
12	PFPeS	2706-91-4	7.19	348.926 > 80.251	5943		4.532	2.11	NO	96.4
13	PFHpA	375-85-9	8.15	362.926 > 319.014	53490		4.683	5.55	NO	93.7
14	M4PFHpA	INT STD	8.14	366.926 > 321.979	114088		10.024		na	100.2
15	br-PFHxS	355-46-4	8.07	398.926 > 80.295	842		0.741	2.55	YES	87.1
16	L-PFHxS	355-46-4	8.30	398.926 > 80.295	4352		3.509	1.54	NO	94.8
17	PFHxS	355-46-4		398.926 > 80.295	5193		4.250		na	
18	M3PFHxS	INT STD	8.30	401.926 > 80.317	8959		9.695		na	97.0
19	br-PFOA	335-67-1		412.989 > 368.9			ND		YES	
20	L-PFOA	335-67-1	9.08	412.989 > 368.9	51306		4.621	9.92	NO	92.4
21	M2PFOA	INT STD	9.08	415.032 > 369.968	105971		10.700		na	107.0
22	PFOA	335-67-1		412.989 > 368.9	51306		4.621		na	
23	M8PFOA	INT STD	9.08	420.989 > 375.979	103848		10.204		na	102.0
24	6:2FTS	27619-97-2	9.04	426.989 > 406.921	2351		5.411		na	113.9
25	M2-6:2FTS	INT STD	9.04	428.989 > 408.917	4391		7.218		na	72.2
26	PFHpS	375-92-8	9.17	448.926 > 80.257	3054		4.370	0.93	YES	92.0
27	PFNA	375-95-1	9.83	462.989 > 418.931	42765		4.718	4.65	NO	94.4
28	M9PFNA	INT STD	9.83	472.053 > 426.947	97975		10.124		na	101.2
29	br-PFOS	1763-23-1	9.68	498.989 > 80.294	1224		0.892	4.40	NO	89.2
30	L-PFOS	1763-23-1	9.88	498.989 > 80.294	3675		3.154	1.54	YES	86.4
31	PFOS	1763-23-1		498.989 > 80.294	4899		4.046		na	
32	M4PFOS	INT STD	9.88	503.032 > 80.306	10496		11.351		na	113.5
33	M8PFOS	INT STD	9.87	507.053 > 80.294	10182		9.649		na	96.5
34	PFDA	335-76-2	10.45	513.053 > 468.906	37700		4.423	6.65	NO	88.5
35	M2PFDA	INT STD	10.46	515.053 > 469.934	84820		11.245		na	112.4
36	M6PFDA	INT STD	10.45	519.053 > 473.931	91932		10.127		na	101.3
37	8:2FTS	39108-34-4	10.44	526.989 > 506.946	1751		5.338		na	111.2
38	M2-8:2FTS	INT STD	10.45	529.053 > 508.945	2908		8.686		na	86.9
39	PFNS	68259-12-1	10.48	548.989 > 80.249	4059		4.644	1.30	NO	96.7

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

ID: IA2-537STD5.0

Name: I2267

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:PB

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.84	573.096 > 418.987	7313		8.472		na	84.7
41	NMeFOSAA	2355-31-9	10.84	570.053 > 418.917	3829		5.064		na	101.3
42	PfUnA	2058-94-8	10.98	562.989 > 518.903	39024		4.648	7.80	NO	93.0
43	M7-PFUDA	INT STD	10.98	570.053 > 524.923	77317		10.155		na	101.5
44	PFDS	335-77-3	10.99	598.926 > 80.314	4219		5.162	1.36	YES	107.0
45	FOSA	754-91-6	10.94	497.989 > 78.245	12811		4.510		na	90.2
46	M8FOSA	INT STD	10.94	506.053 > 78.286	27554		9.665		na	96.6
47	d5-NEtFOSAA	INT STD	11.12	589.117 > 418.929	6944		8.890		na	88.9
48	NEtFOSAA	2991-50-6	11.13	583.989 > 418.927	3285		4.370	2.81	YES	87.4
49	PFDaA	307-55-1	11.45	612.989 > 568.967	35441		4.838	14.65	NO	96.8
50	MPFDOA	INT STD	11.45	614.989 > 569.92	80548		9.221		na	92.2
51	PFTTrDA	72629-94-8	11.85	663.053 > 618.969	26654		4.846	11.27	NO	96.9
52	PFTA	376-06-7	12.20	713.053 > 668.976	22107		4.935	9.18	NO	98.7
53	M2PFTEDA	INT STD	12.20	715.053 > 669.945	52965		9.106		na	91.1
54	M3HFPO-DA	INT STD	7.31	331.989 > 286.995	3777		74.754		na	37.4
55	HFPO-DA	13252-13-6	7.31	328.989 > 284.982	960		92.393		na	92.4
56	ADONA	958445-44-8	8.32	376.926 > 251.005	78813		4.456		YES	94.2
57	PFHxDA		12.64	813.053 > 769.005	18765		4.890		na	97.8
58	PFODA		12.85	912.989 > 869.032	17313		4.726		na	94.5
59	M2PFHxDA		12.64	815.372 > 770.158	9713		8.734		na	87.3

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Method: C:\MassLynx\Data\2019\190214_537ISO.PRO\MethDB\537ISO_Q.mdb 10 Jan 2019 15:42:15

Calibration: C:\MassLynx\Data\2019\190214_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 07:45:17

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBA

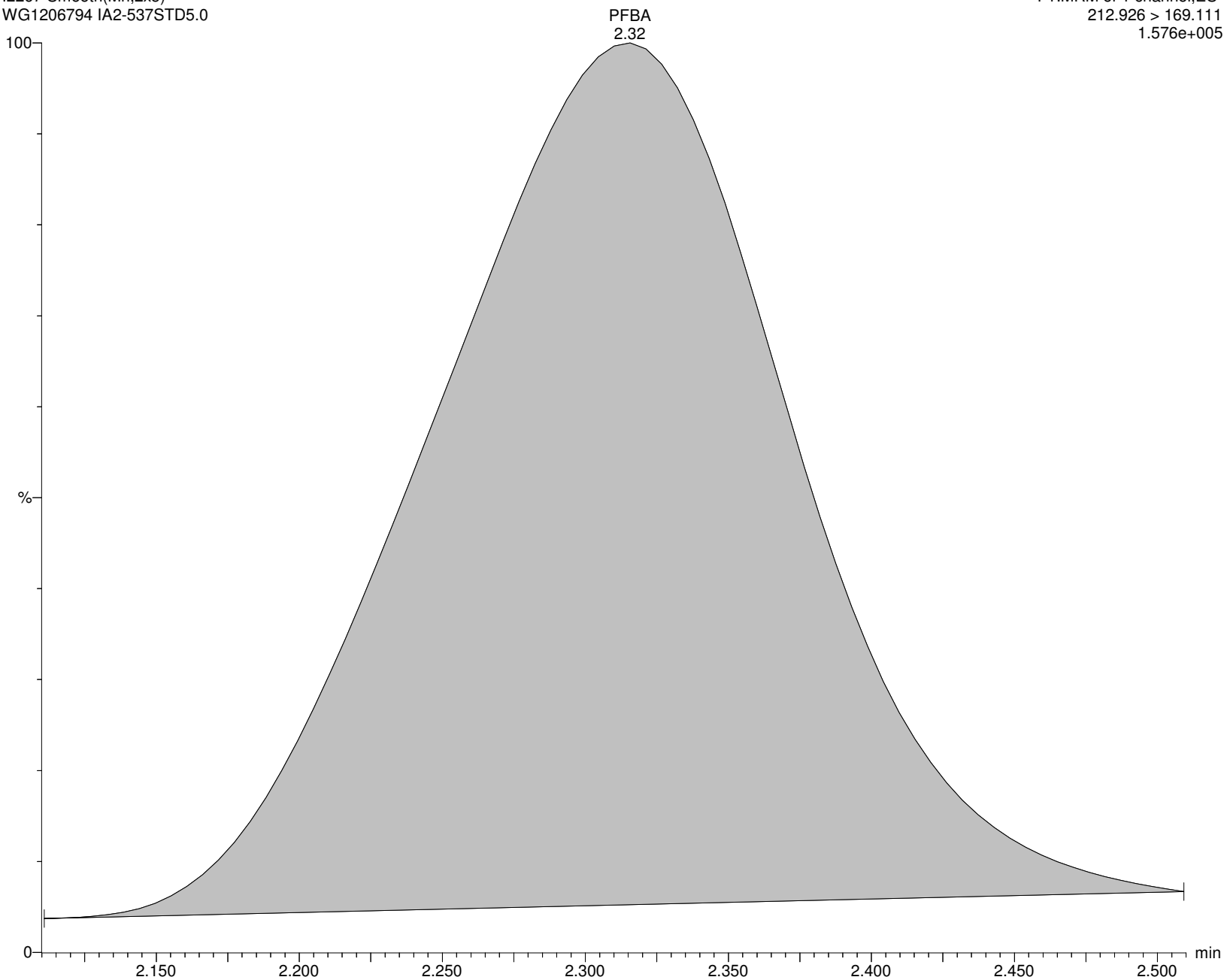
I2267 Smooth(Mn,2x5)

WG1206794 IA2-537STD5.0

F1:MRM of 1 channel,ES-

212.926 > 169.111

1.576e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBA

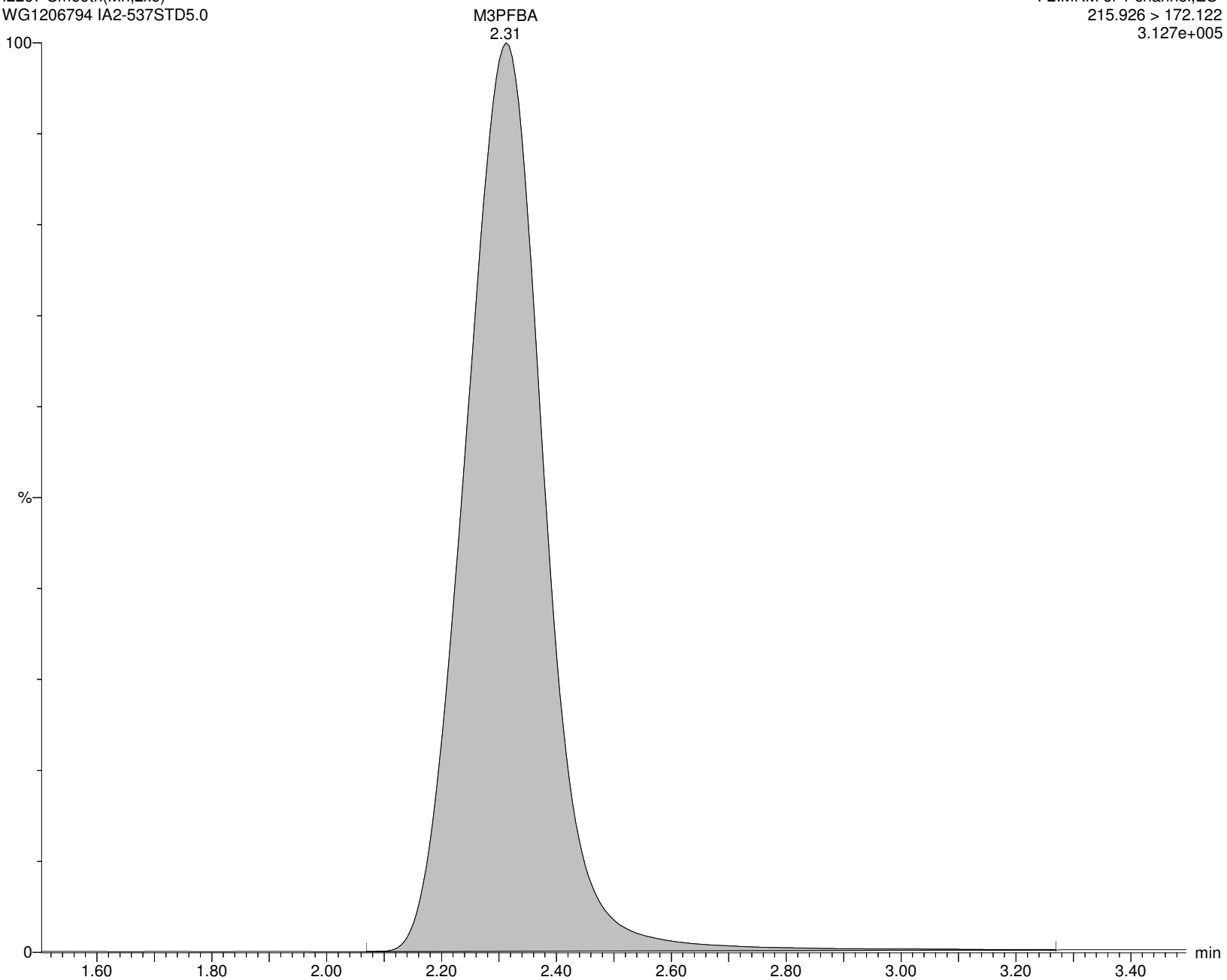
I2267 Smooth(Mn,2x6)

WG1206794 IA2-537STD5.0

F2:MRM of 1 channel,ES-

215.926 > 172.122

3.127e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFBA

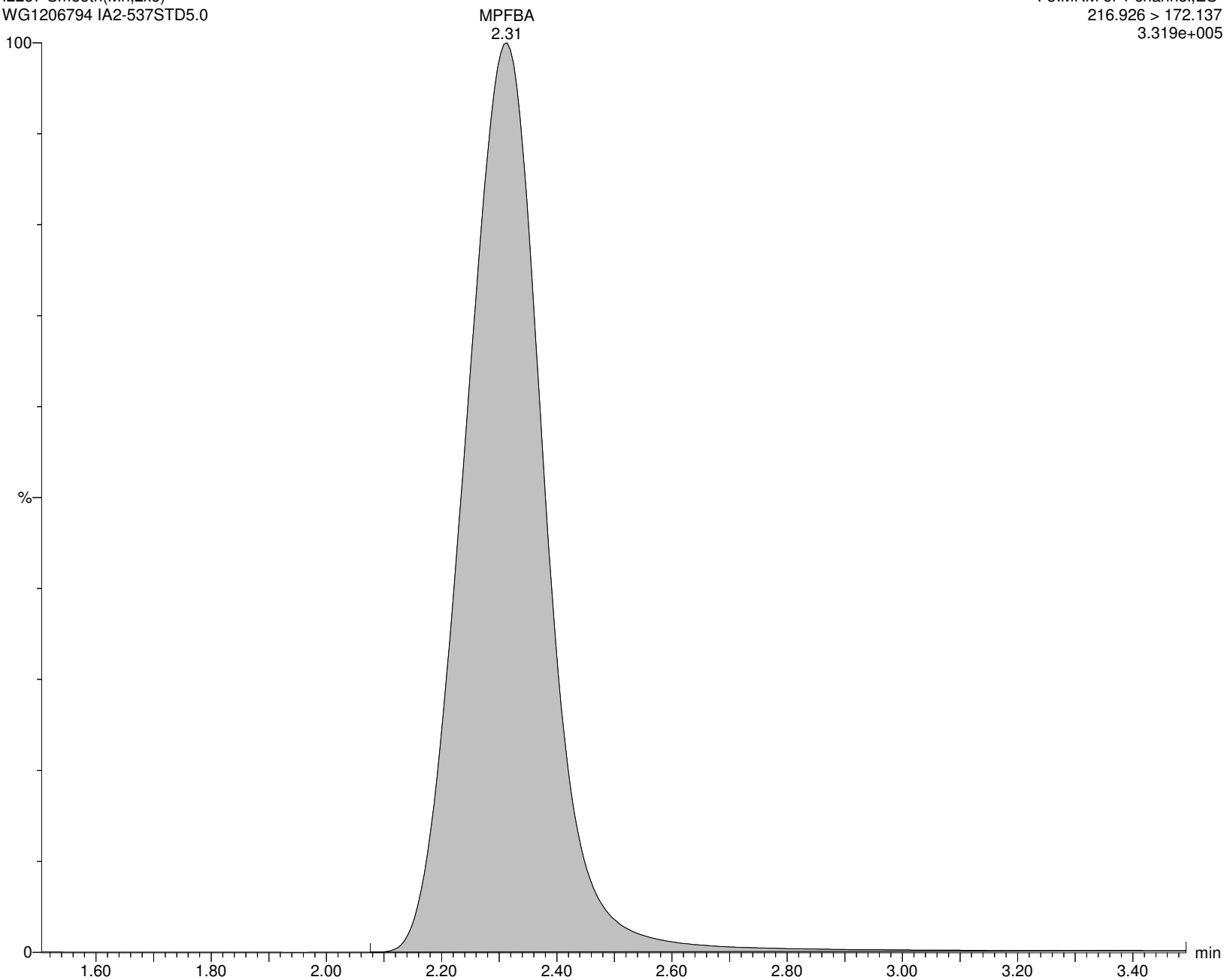
I2267 Smooth(Mn,2x6)

WG1206794 IA2-537STD5.0

F3:MRM of 1 channel,ES-

216.926 > 172.137

3.319e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeA

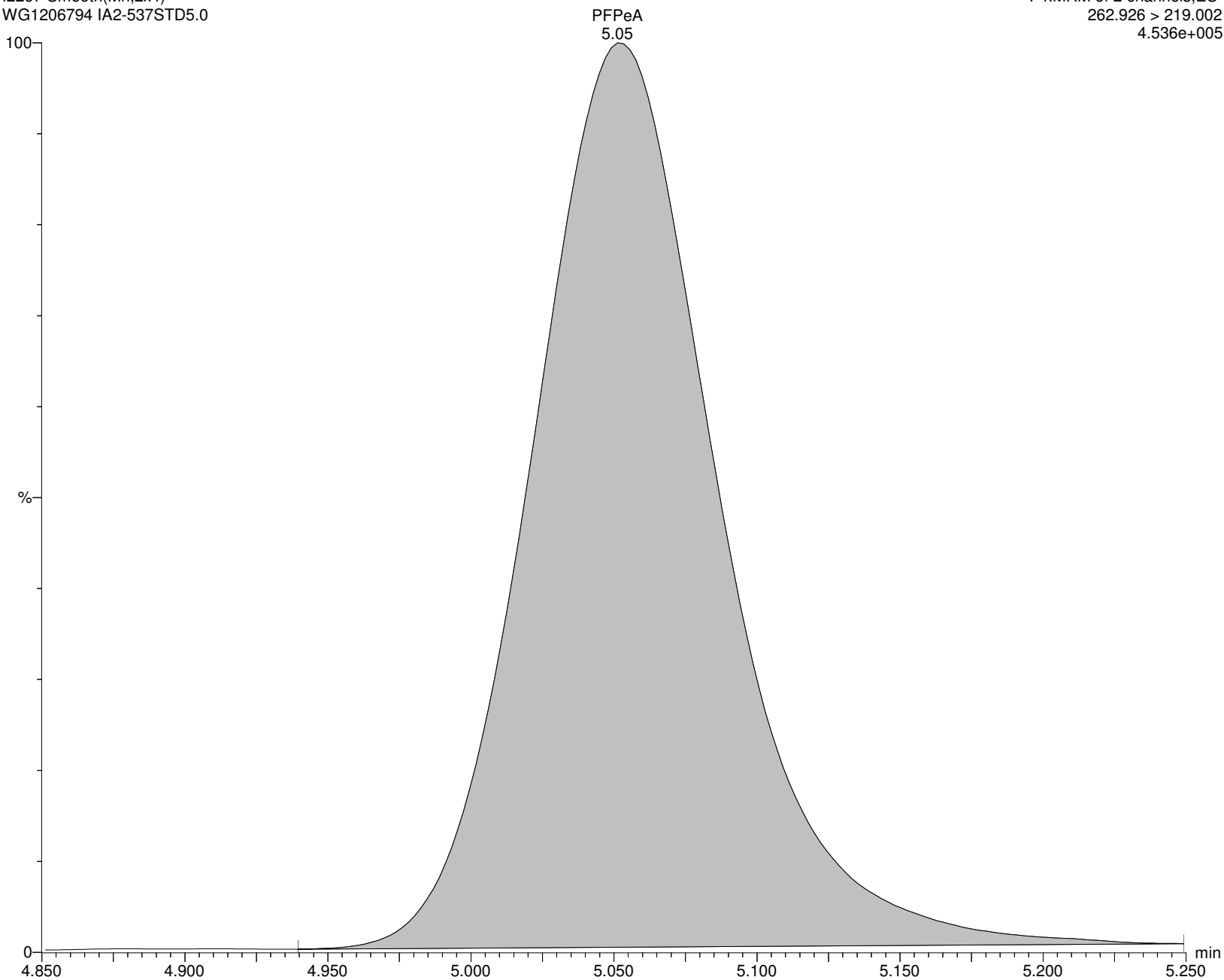
I2267 Smooth(Mn,2x4)

WG1206794 IA2-537STD5.0

F4:MRM of 2 channels,ES-

262.926 > 219.002

4.536e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFPEA

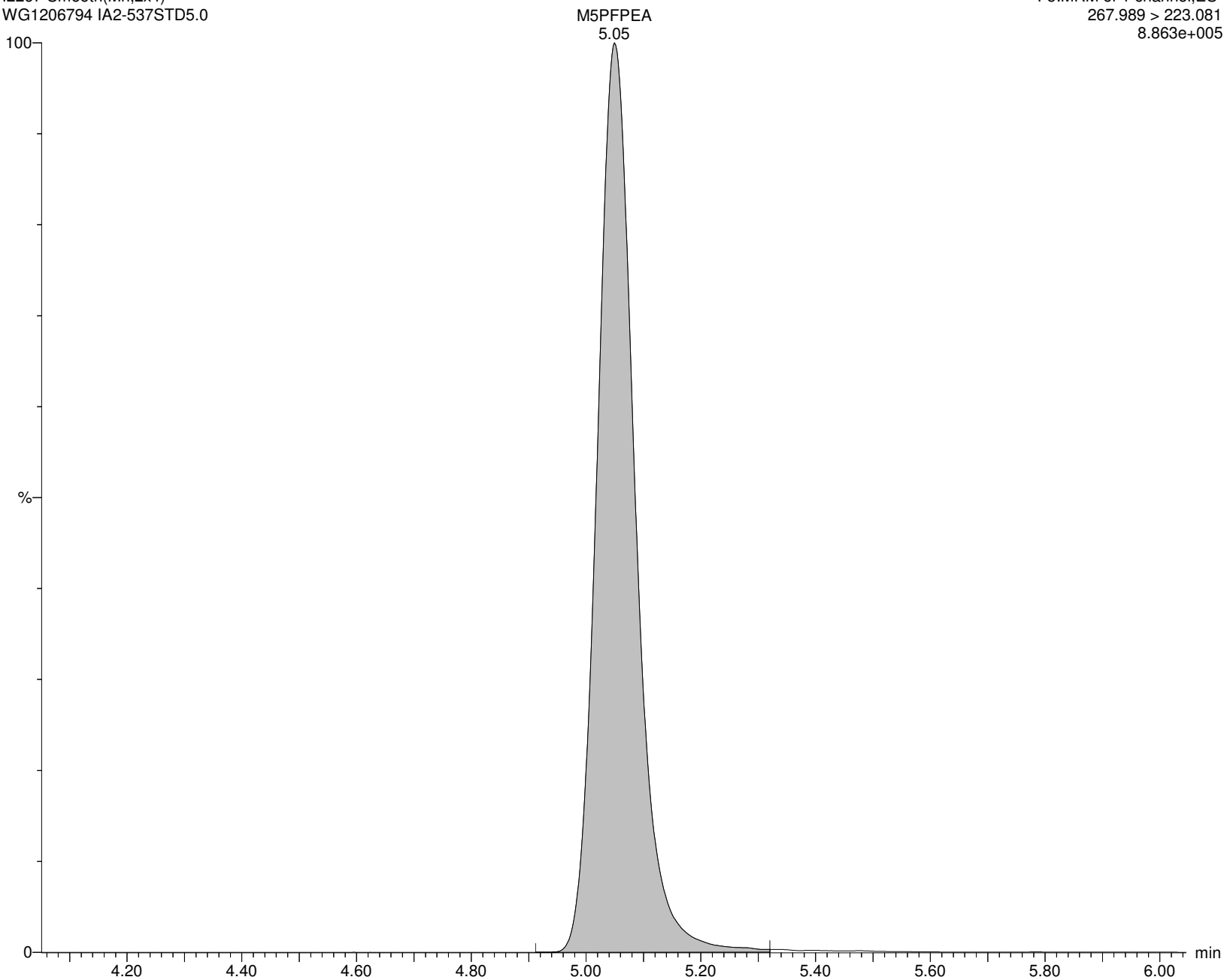
I2267 Smooth(Mn,2x4)

WG1206794 IA2-537STD5.0

F5:MRM of 1 channel,ES-

267.989 > 223.081

8.863e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBS

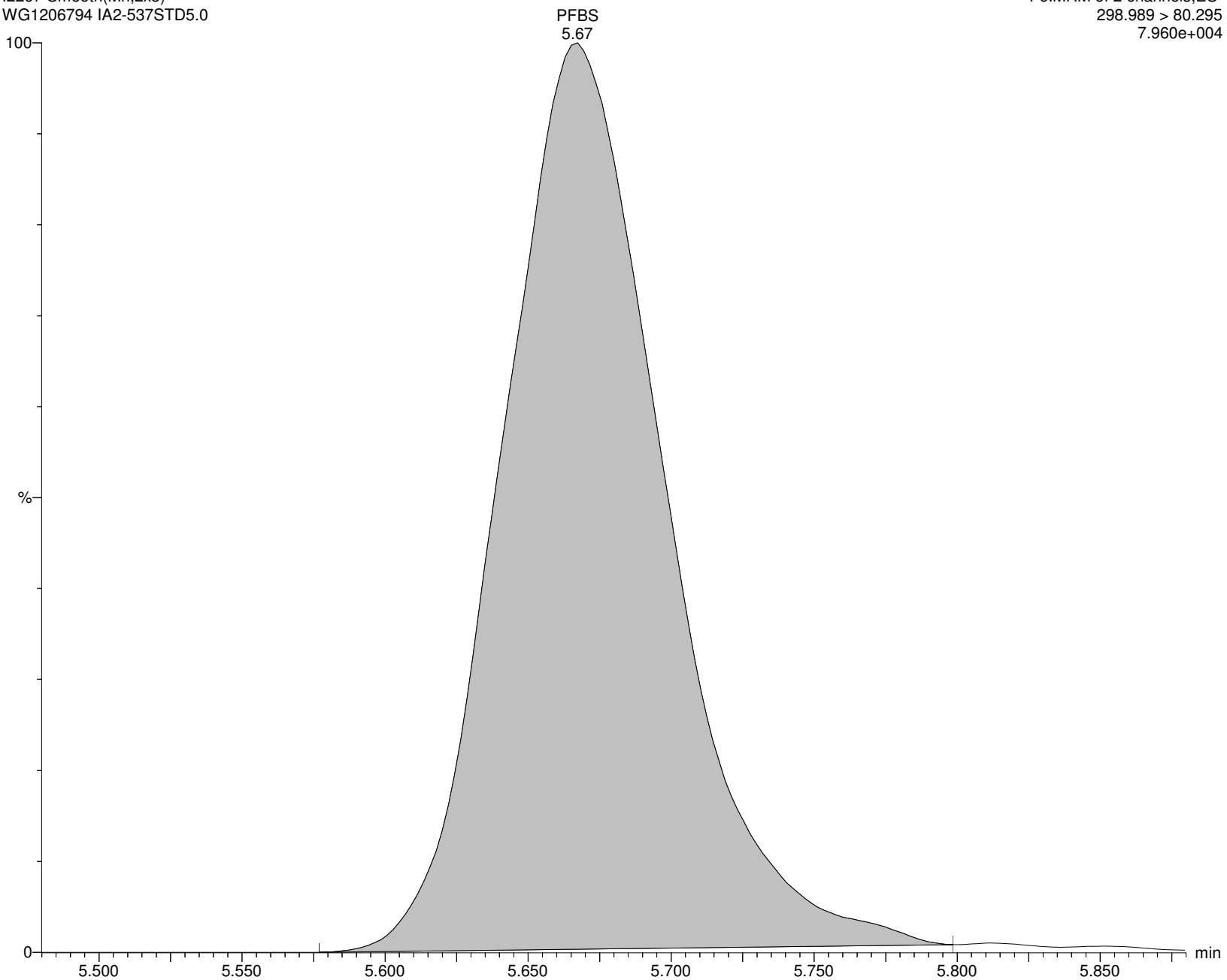
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F6:MRM of 2 channels,ES-

298.989 > 80.295

7.960e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBS

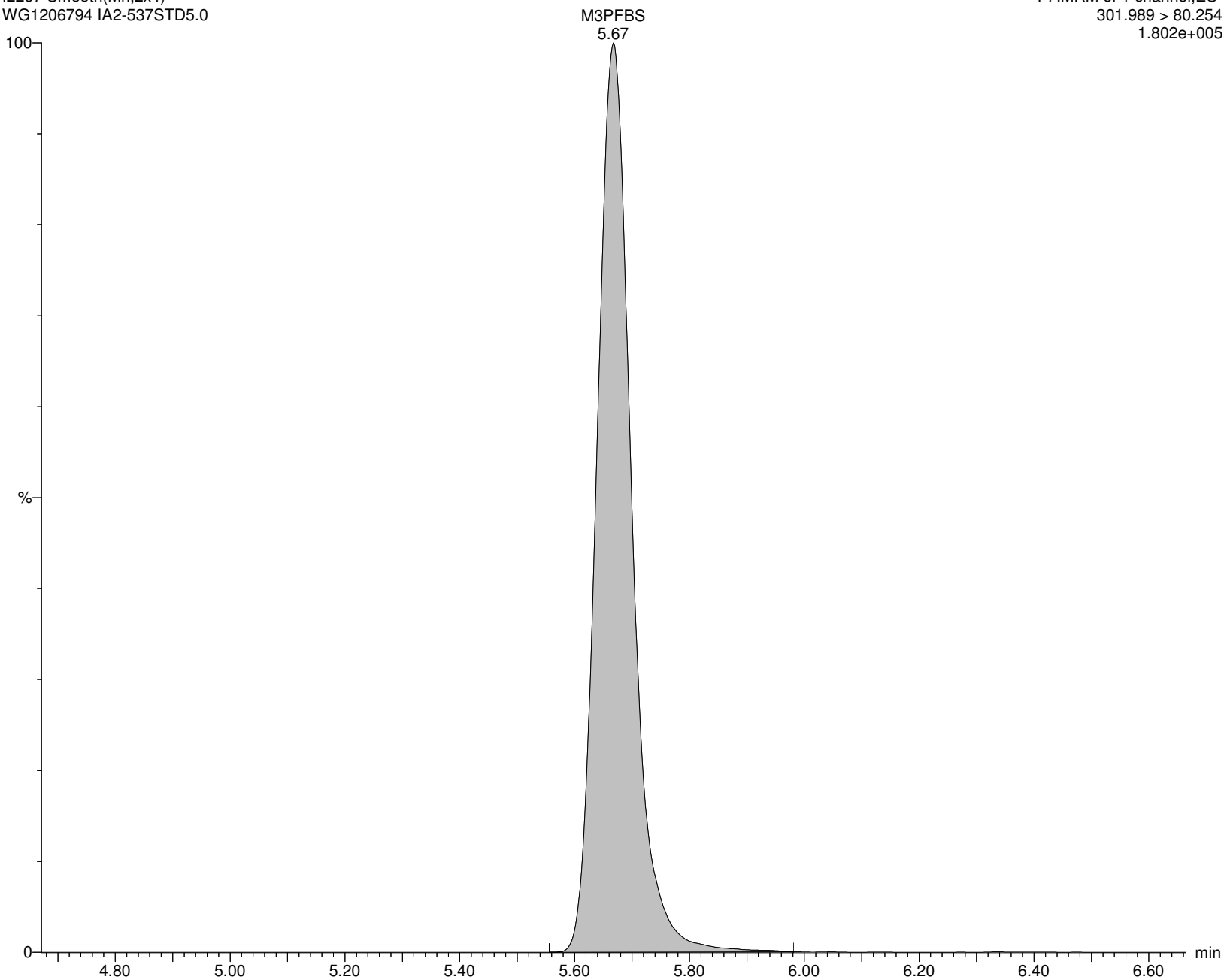
I2267 Smooth(Mn,2x4)

WG1206794 IA2-537STD5.0

F7:MRM of 1 channel,ES-

301.989 > 80.254

1.802e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

4:2FTS

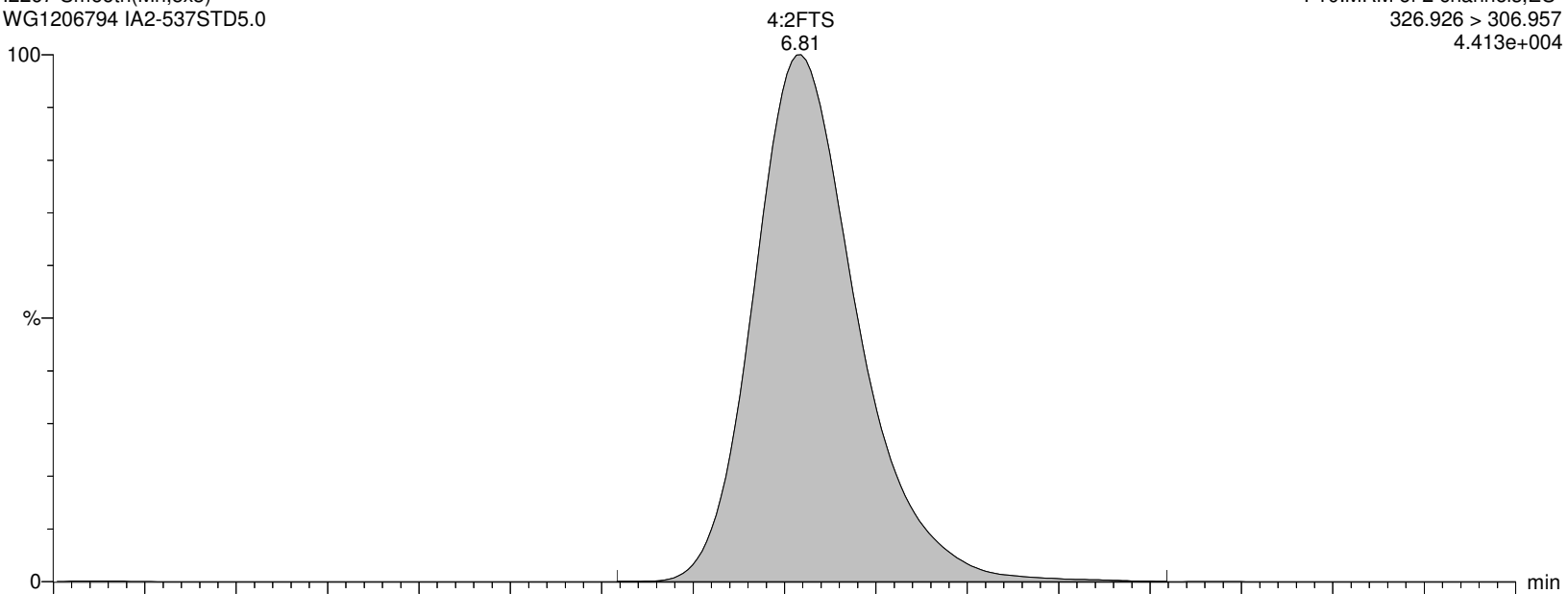
I2267 Smooth(Mn,5x3)

WG1206794 IA2-537STD5.0

F10:MRM of 2 channels,ES-

326.926 > 306.957

4.413e+004



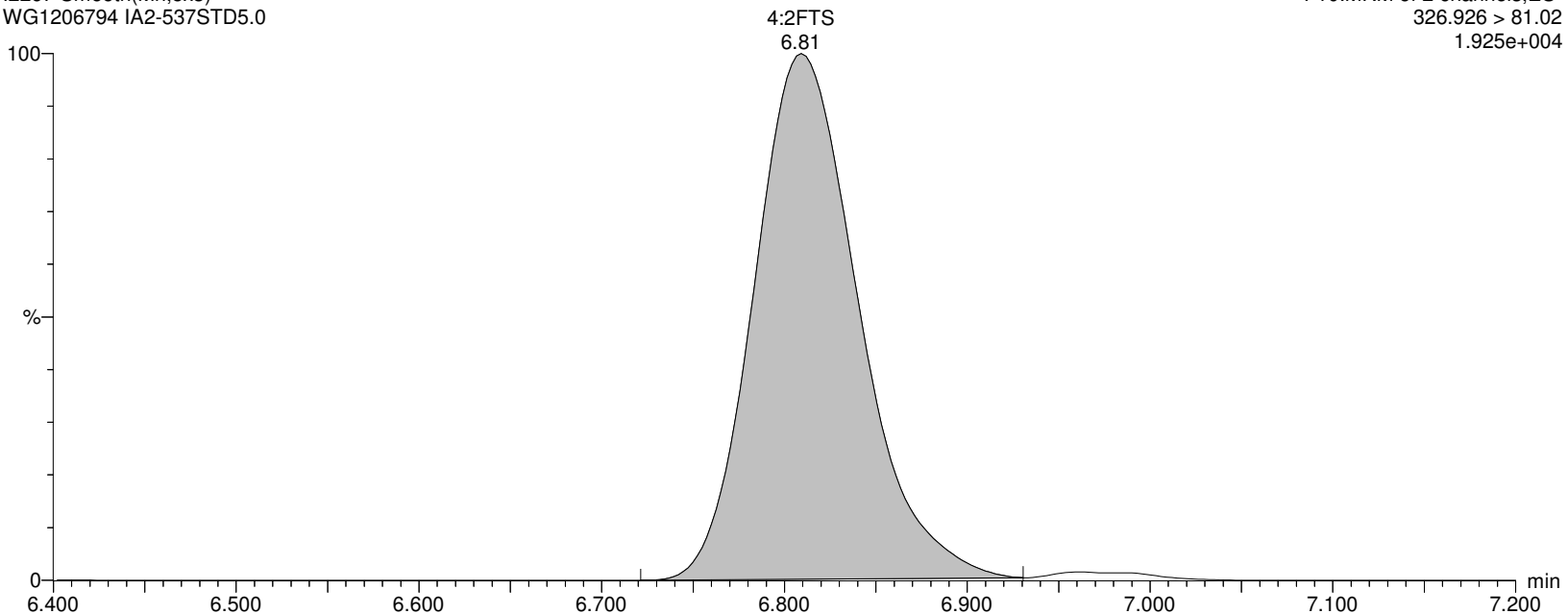
I2267 Smooth(Mn,5x3)

WG1206794 IA2-537STD5.0

F10:MRM of 2 channels,ES-

326.926 > 81.02

1.925e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-4:2FTS

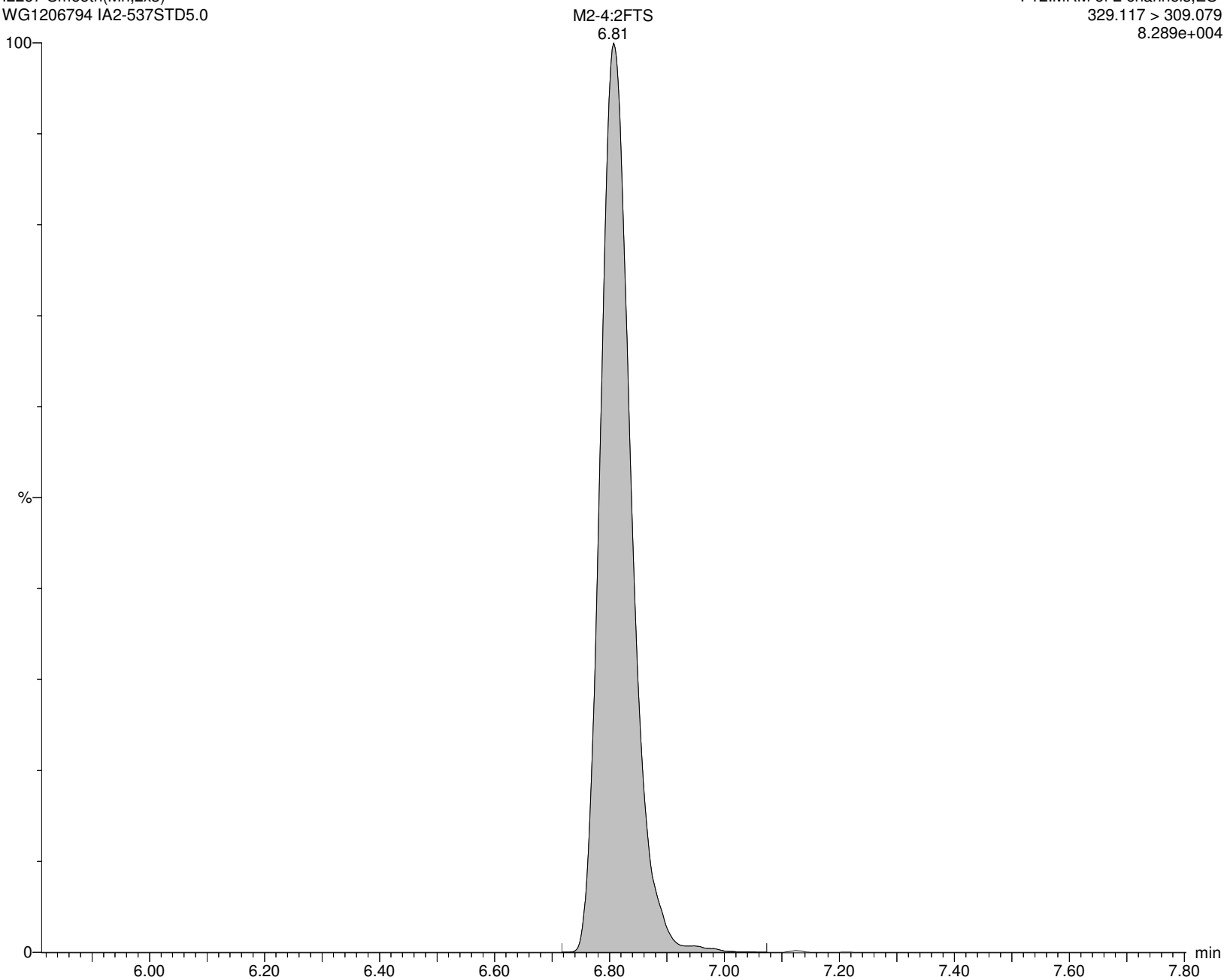
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F12:MRM of 2 channels,ES-

329.117 > 309.079

8.289e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxA

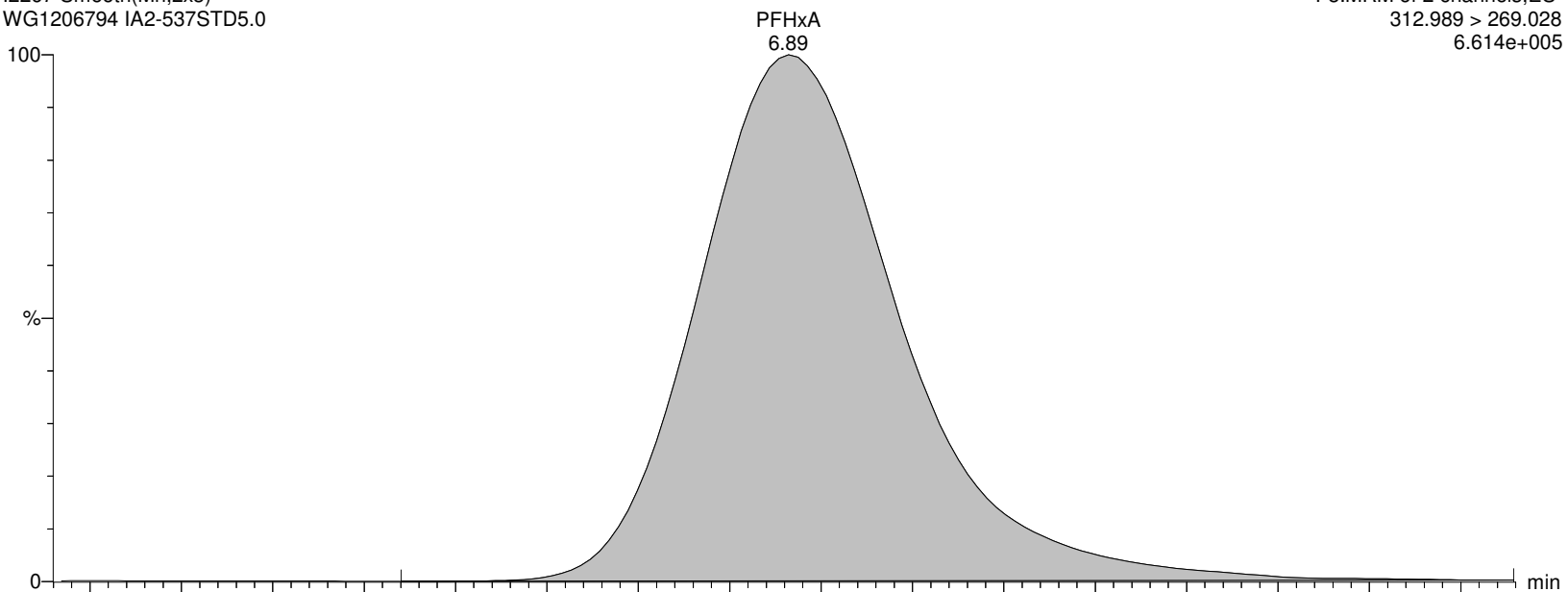
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F8:MRM of 2 channels,ES-

312.989 > 269.028

6.614e+005



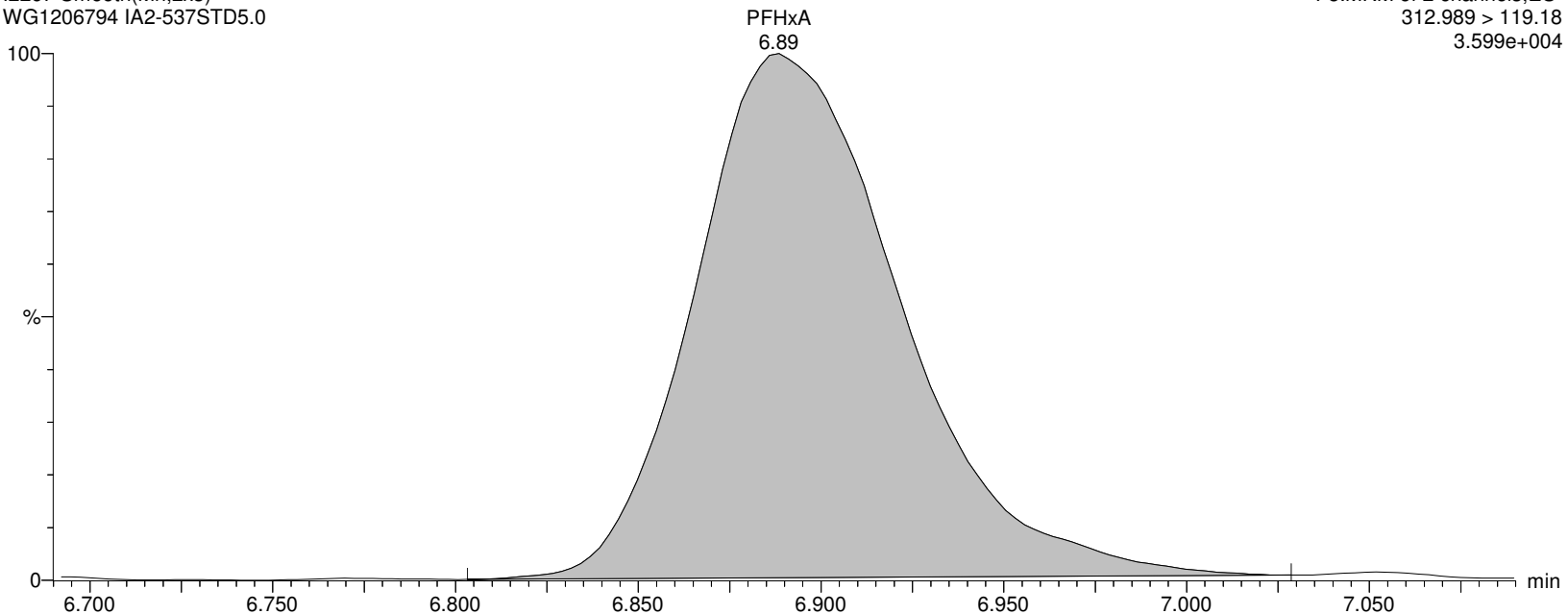
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F8:MRM of 2 channels,ES-

312.989 > 119.18

3.599e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFHxA

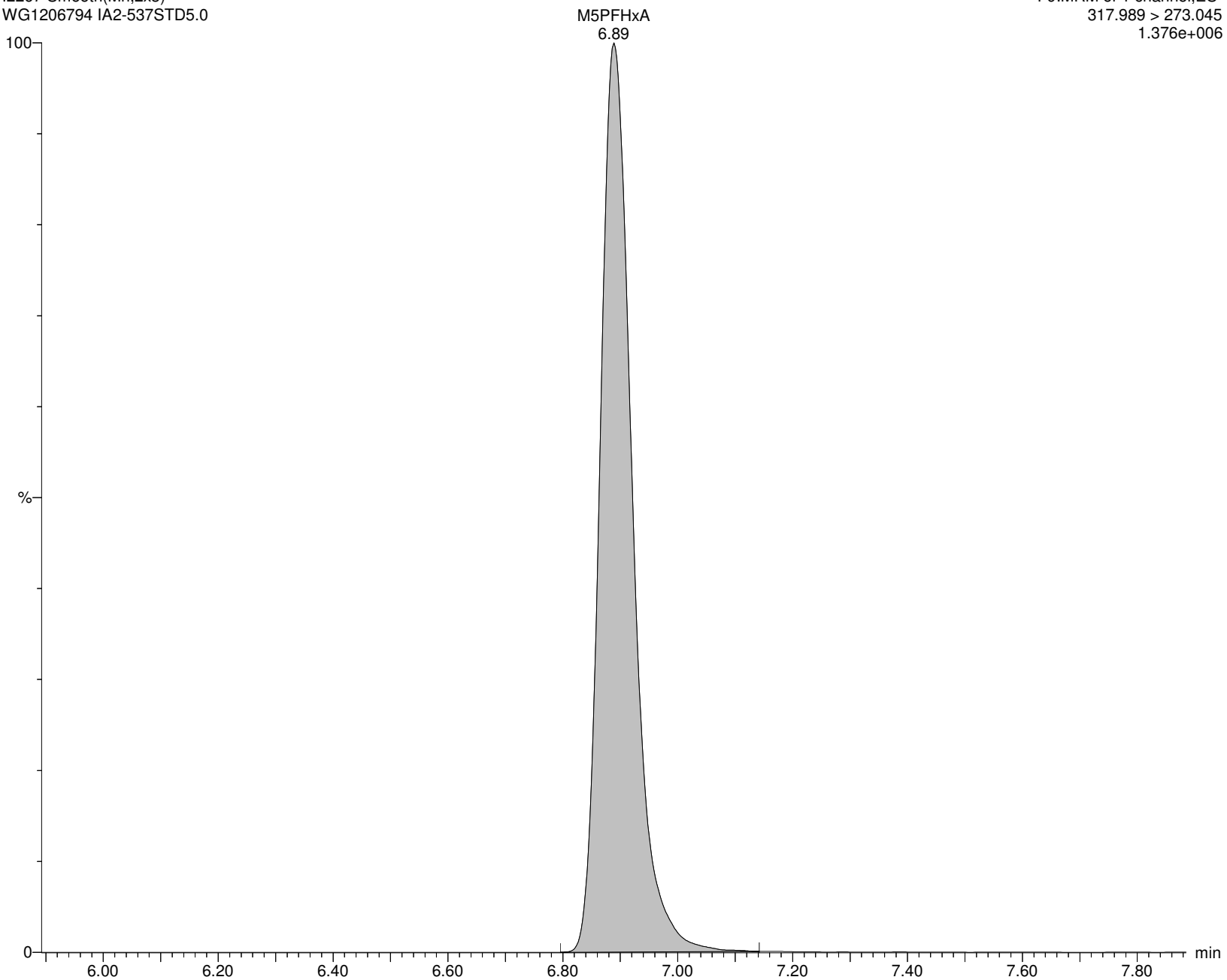
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F9:MRM of 1 channel,ES-

317.989 > 273.045

1.376e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeS

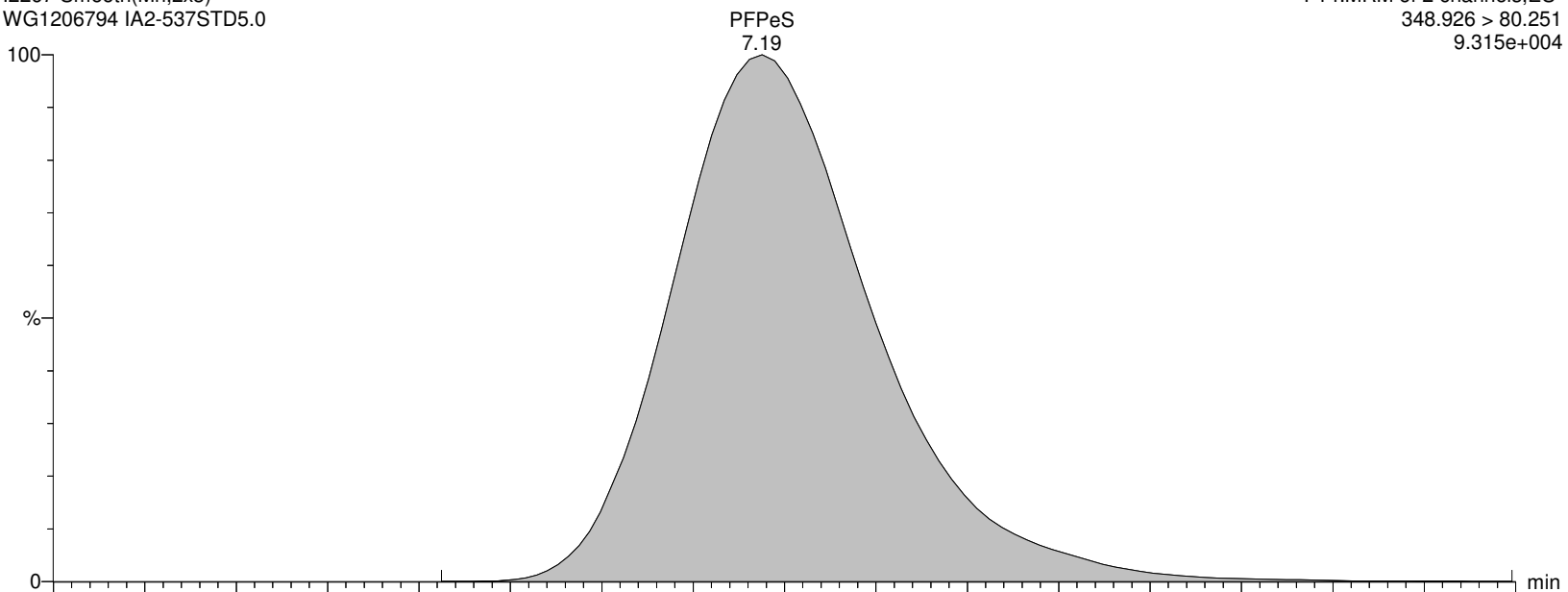
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F14:MRM of 2 channels,ES-

348.926 > 80.251

9.315e+004



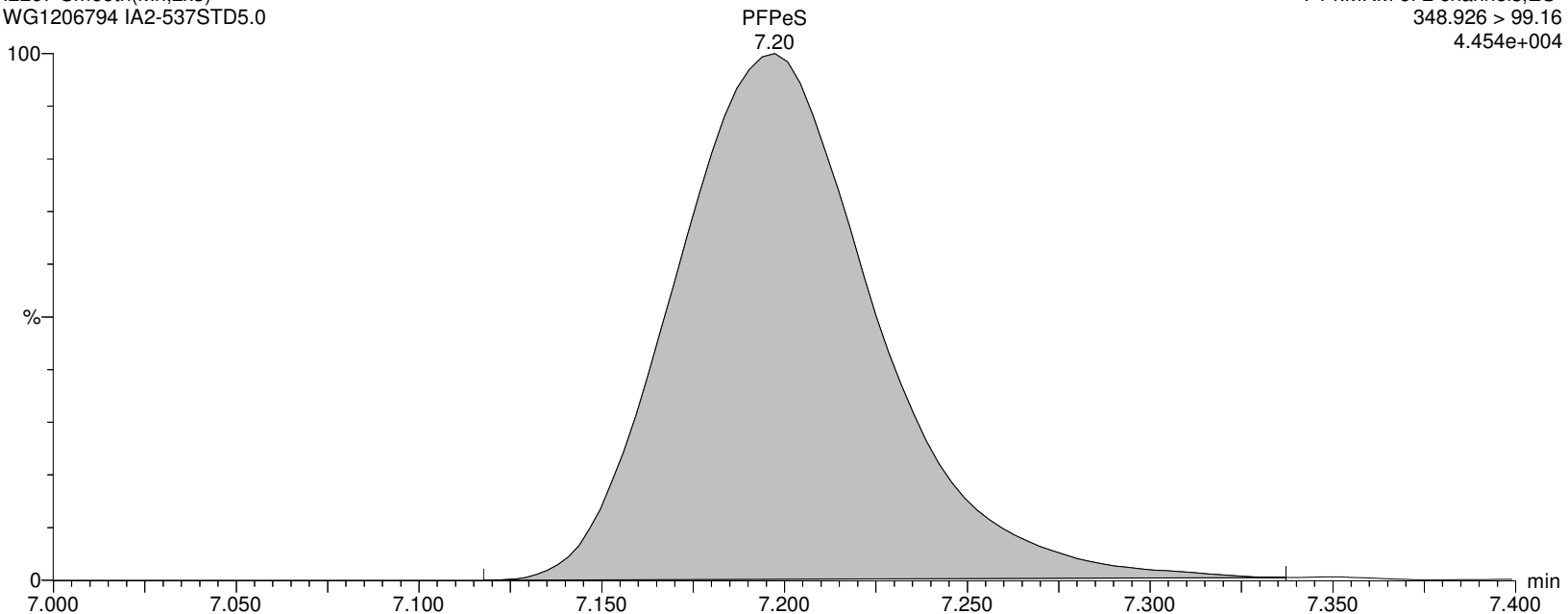
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F14:MRM of 2 channels,ES-

348.926 > 99.16

4.454e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpA

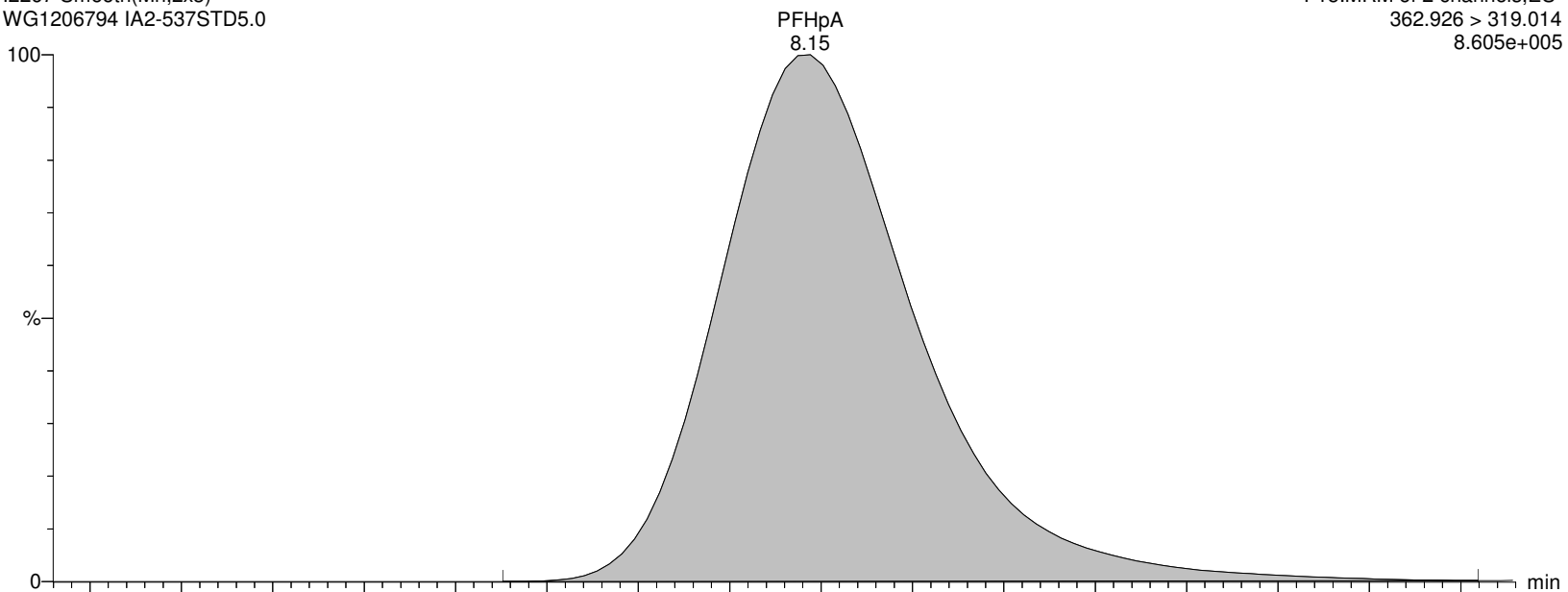
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F15:MRM of 2 channels,ES-

362.926 > 319.014

8.605e+005



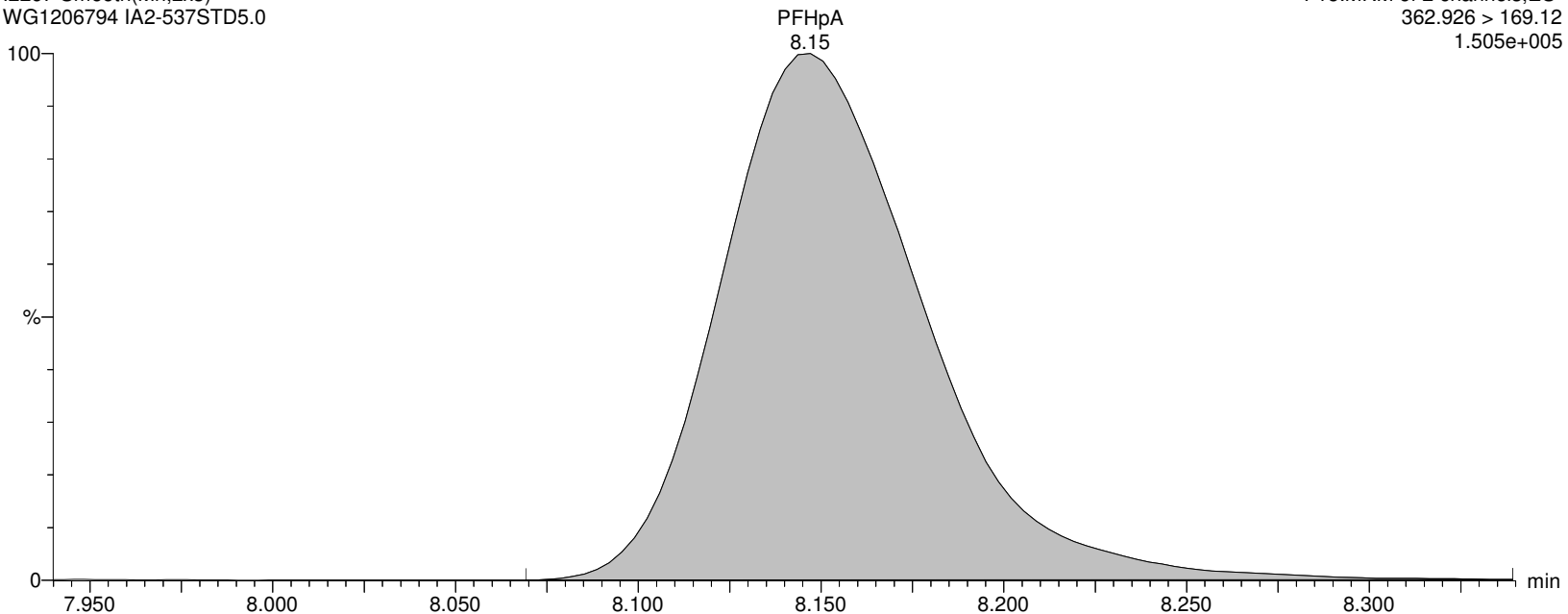
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F15:MRM of 2 channels,ES-

362.926 > 169.12

1.505e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFHpA

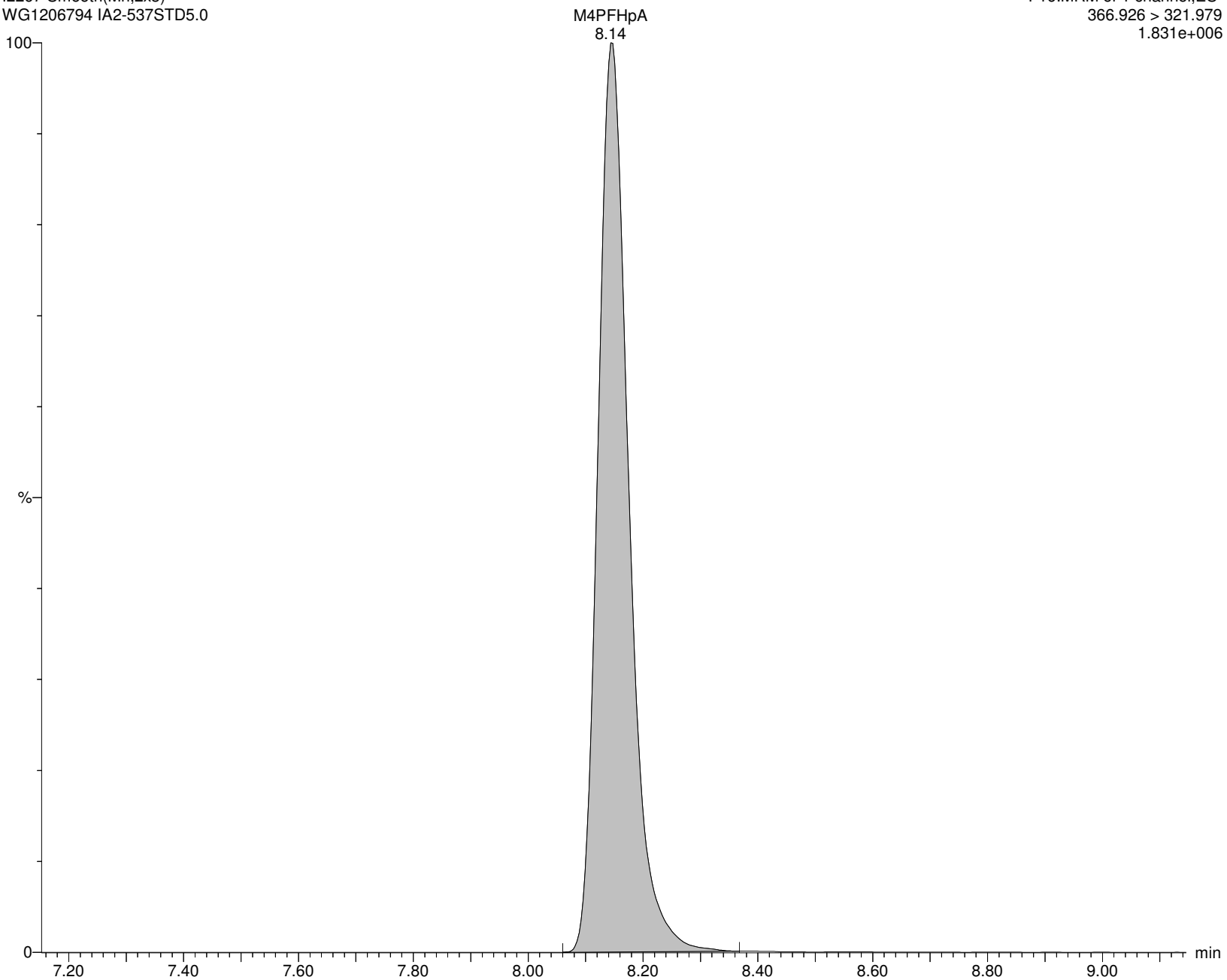
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F16:MRM of 1 channel,ES-

366.926 > 321.979

1.831e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFHxS

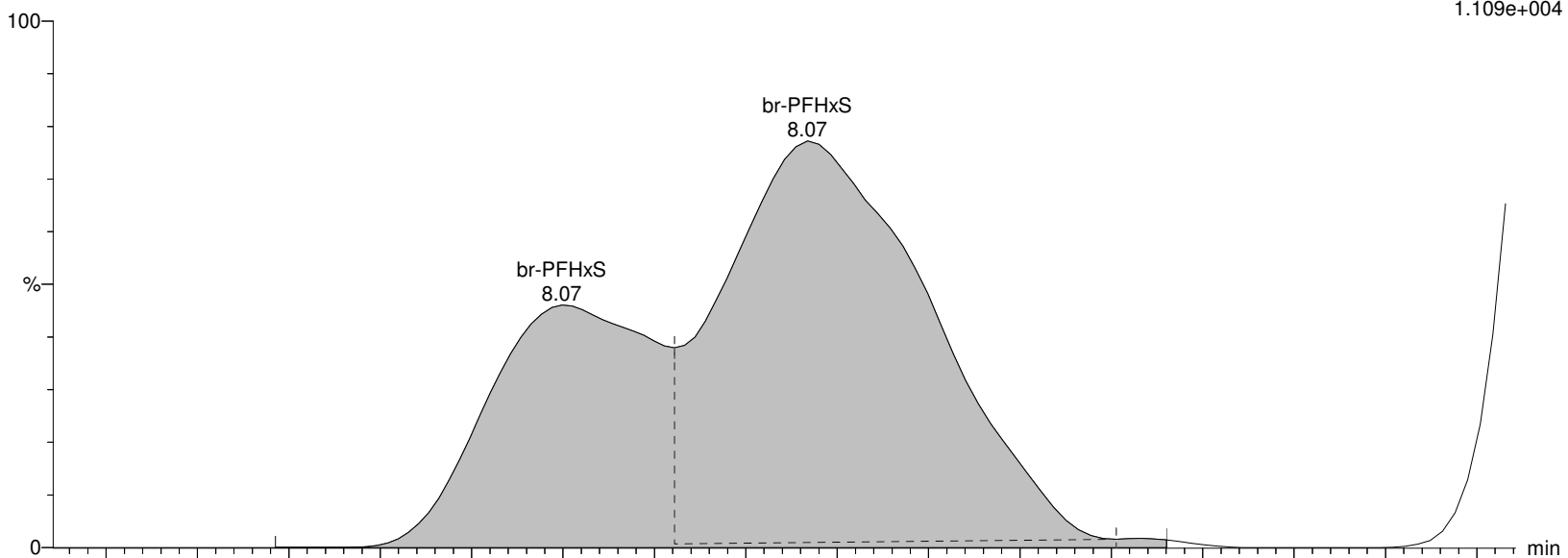
I2267 Smooth(Mn,3x2)

WG1206794 IA2-537STD5.0

F18:MRM of 2 channels,ES-

398.926 > 80.295

1.109e+004



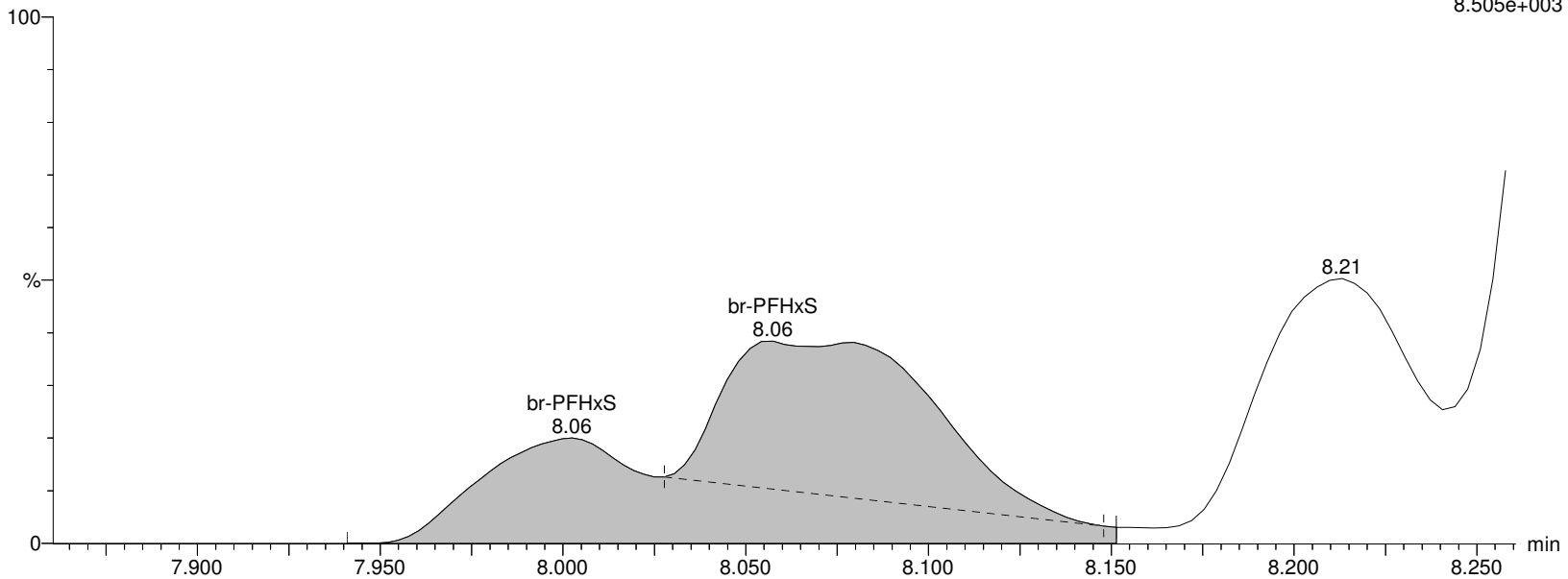
I2267 Smooth(Mn,3x2)

WG1206794 IA2-537STD5.0

F18:MRM of 2 channels,ES-

398.926 > 99.2

8.505e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFHxS

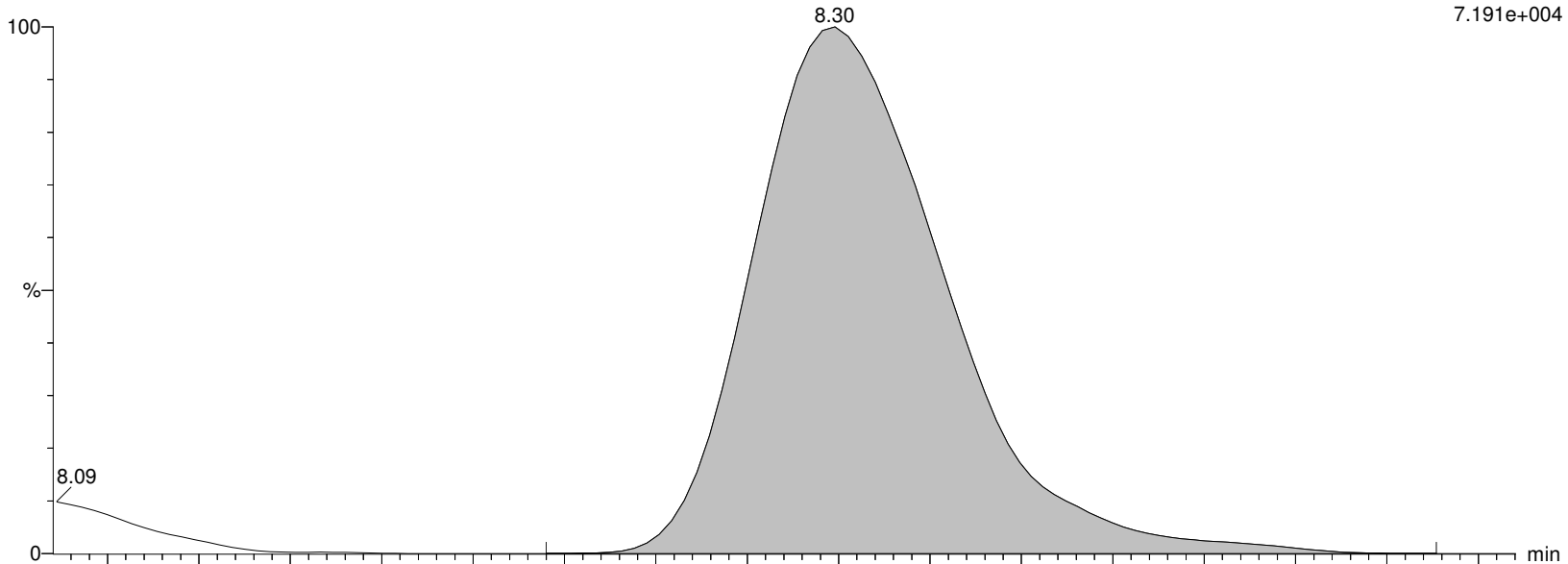
I2267 Smooth(Mn,3x2)

WG1206794 IA2-537STD5.0

F18:MRM of 2 channels,ES-

398.926 > 80.295

7.191e+004



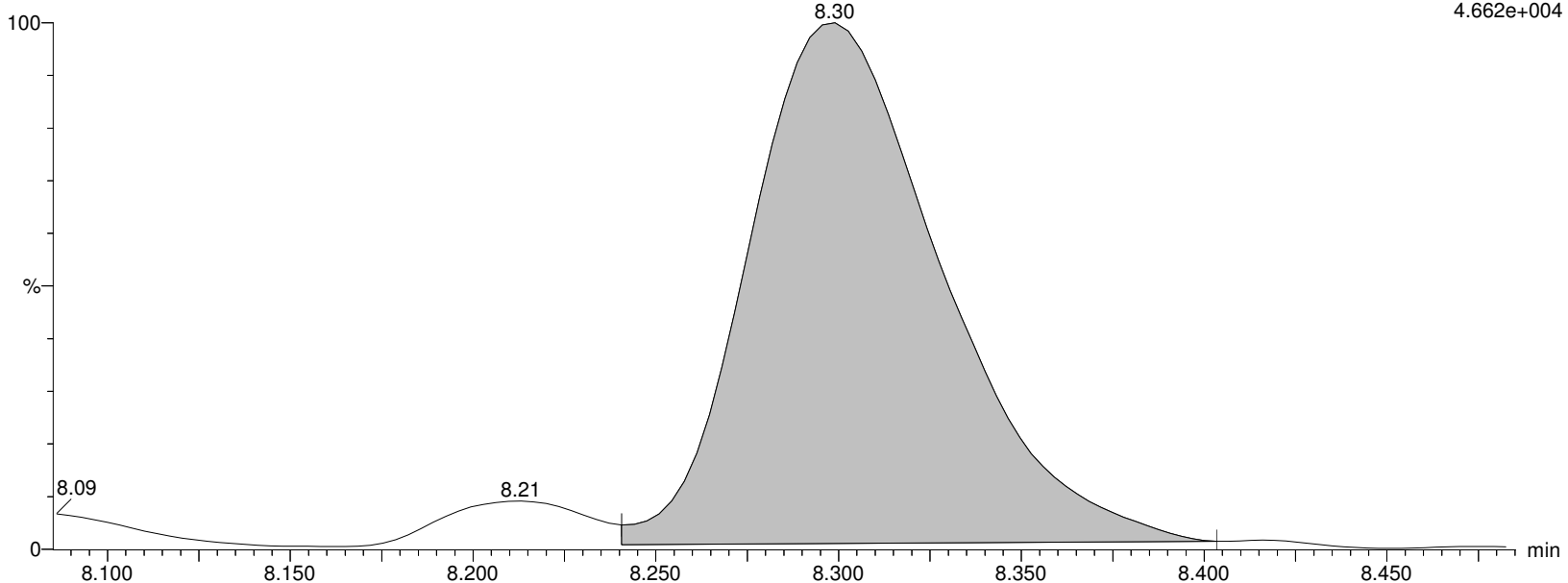
I2267 Smooth(Mn,3x2)

WG1206794 IA2-537STD5.0

F18:MRM of 2 channels,ES-

398.926 > 99.2

4.662e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxS

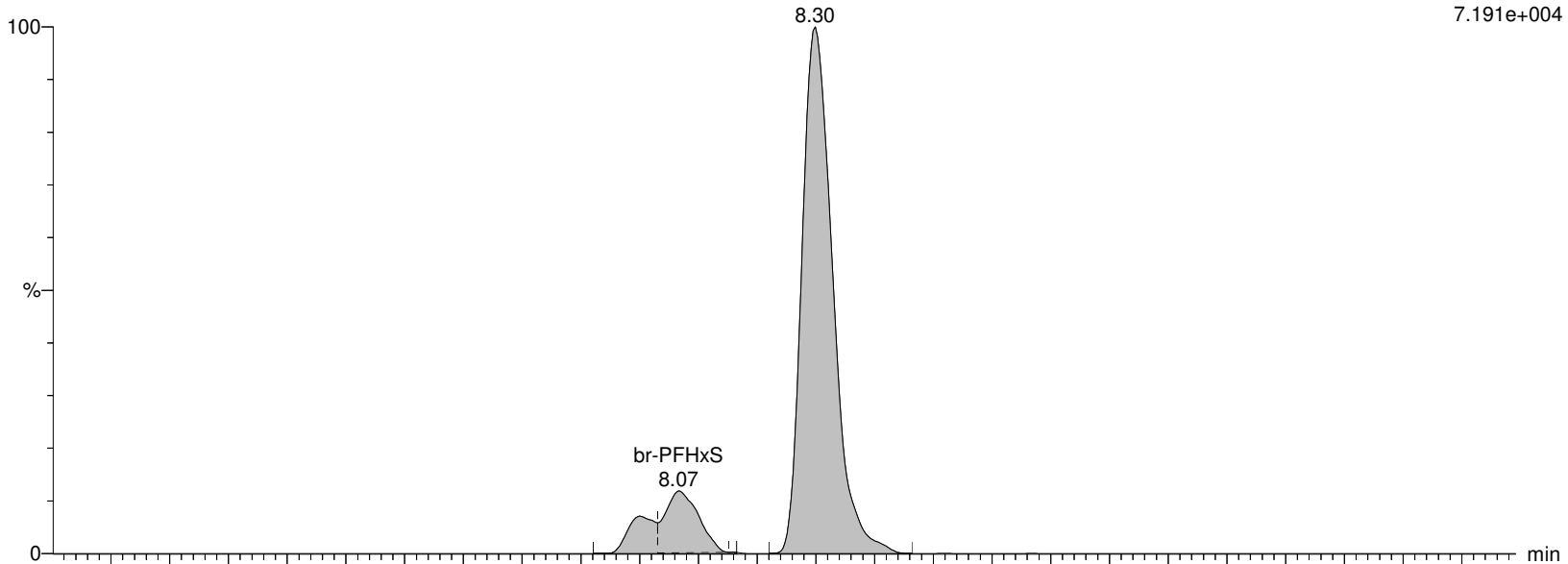
I2267 Smooth(Mn,3x2)

WG1206794 IA2-537STD5.0

F18:MRM of 2 channels,ES-

398.926 > 80.295

7.191e+004



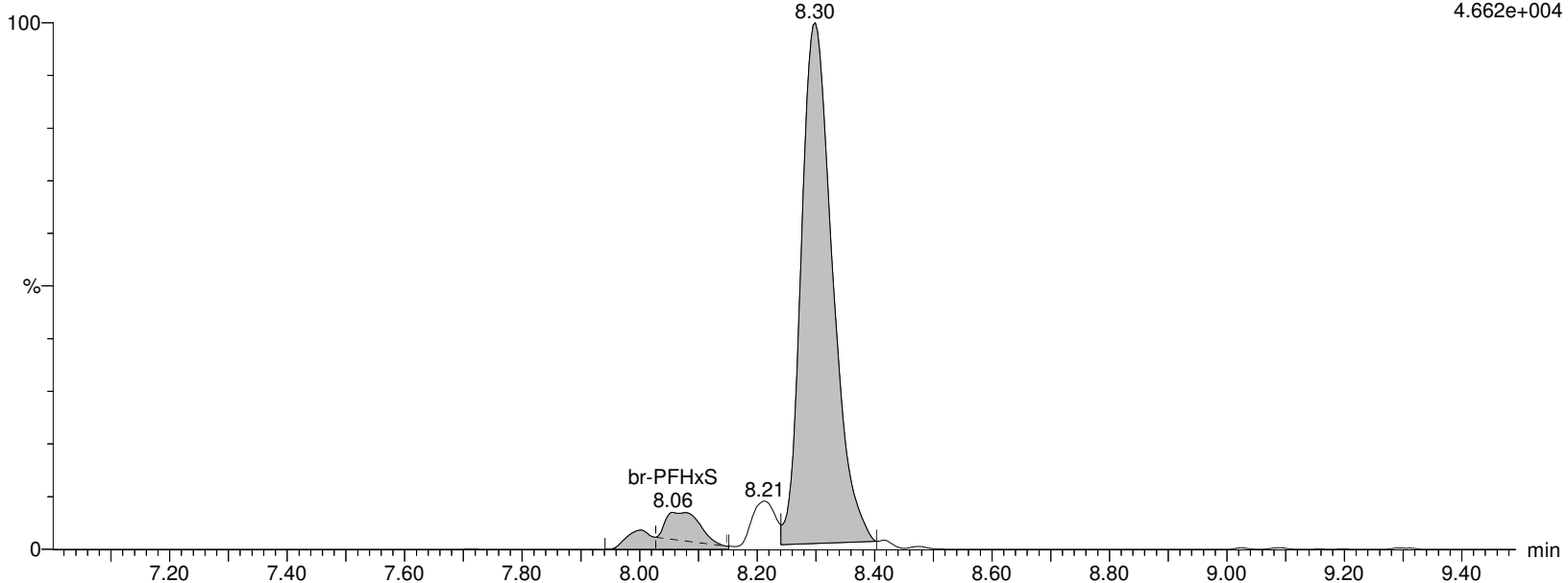
I2267 Smooth(Mn,3x2)

WG1206794 IA2-537STD5.0

F18:MRM of 2 channels,ES-

398.926 > 99.2

4.662e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFHxS

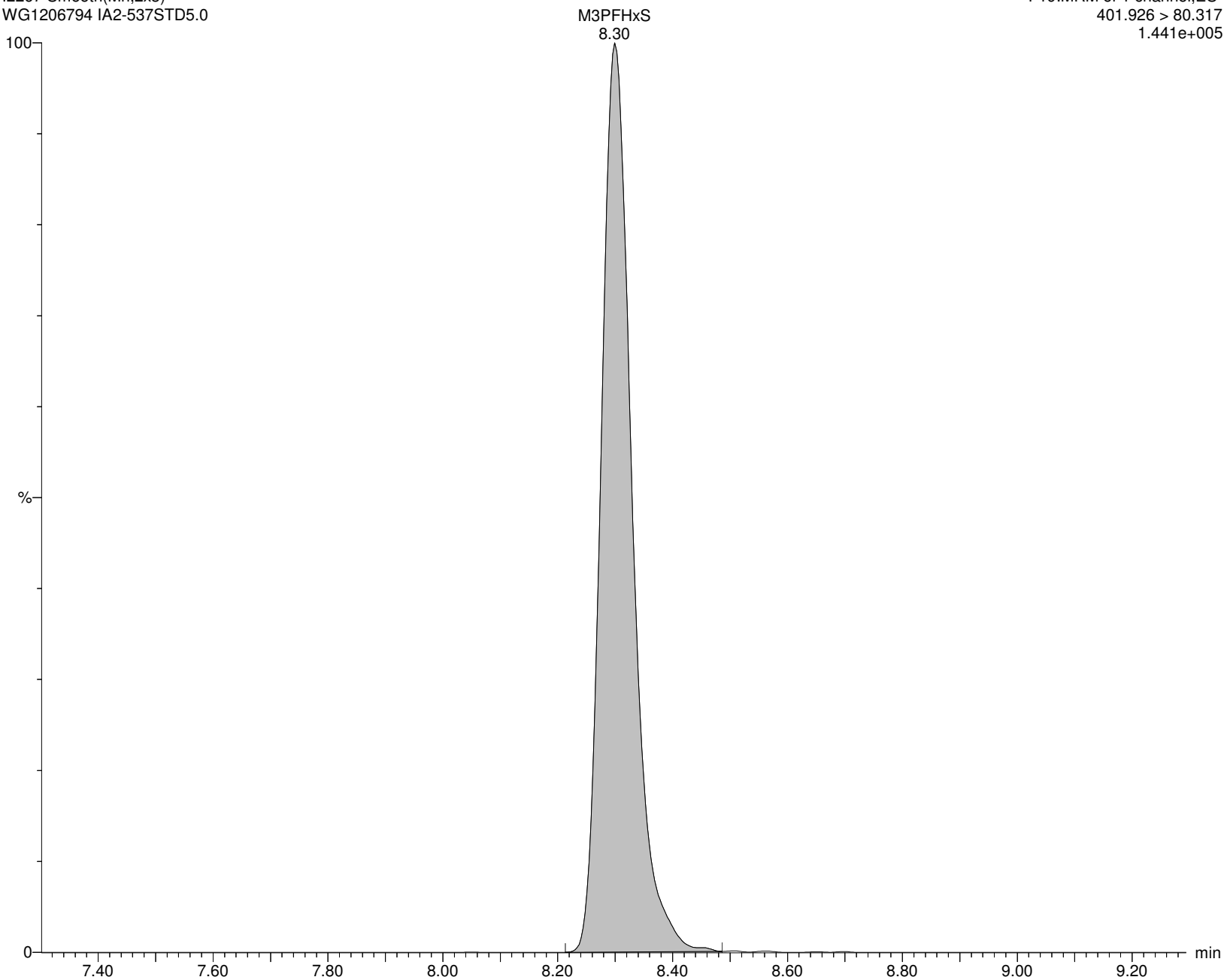
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F19:MRM of 1 channel,ES-

401.926 > 80.317

1.441e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOA

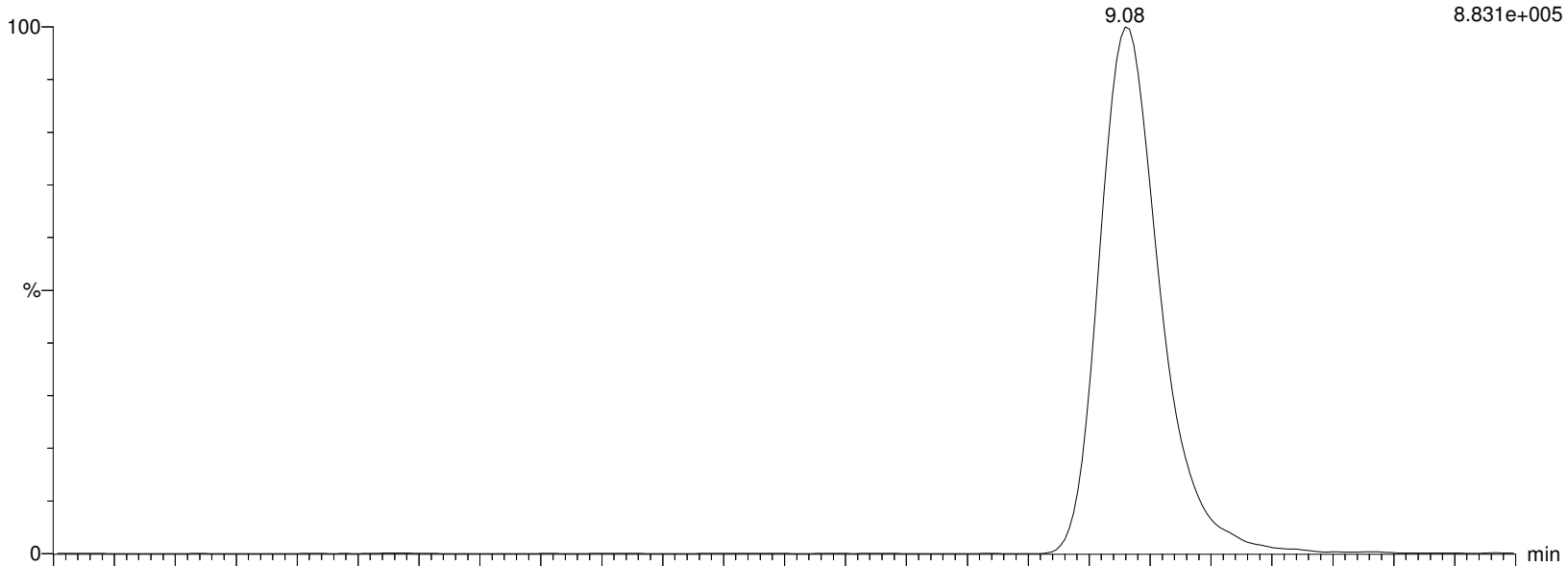
I2267 Smooth(Mn,2x2)

WG1206794 IA2-537STD5.0

F20:MRM of 2 channels,ES-

412.989 > 368.9

8.831e+005



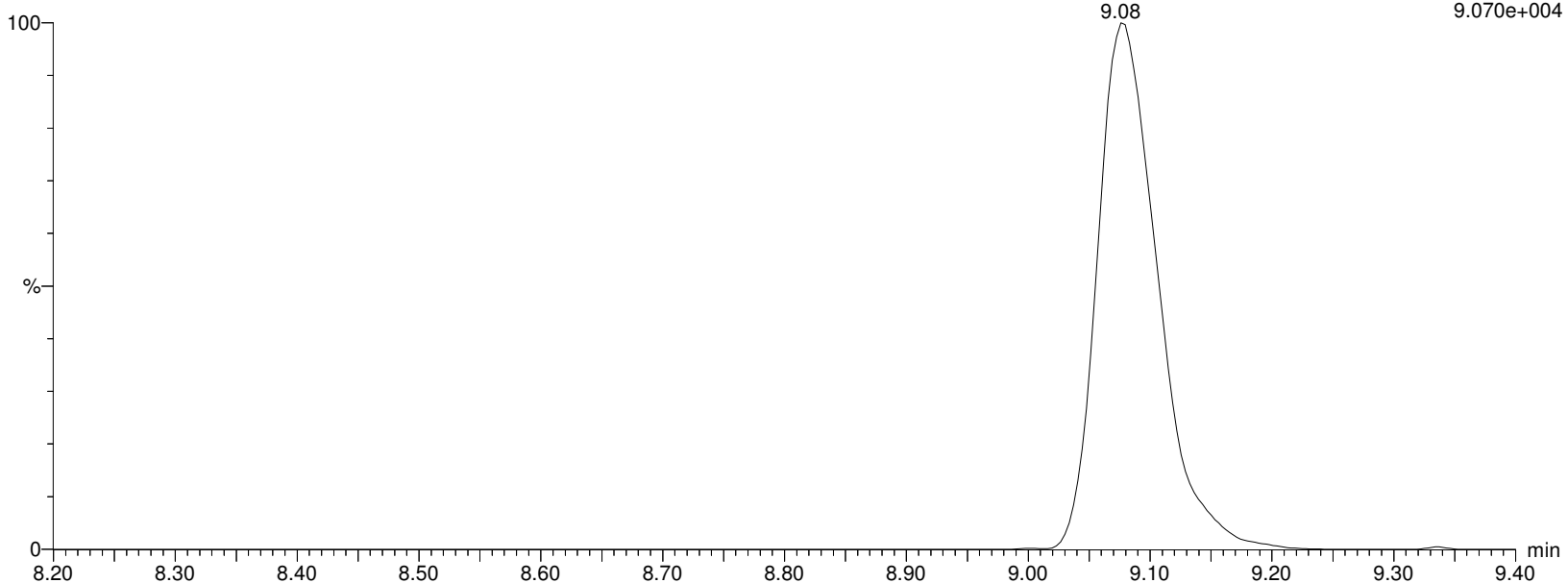
I2267 Smooth(Mn,2x2)

WG1206794 IA2-537STD5.0

F20:MRM of 2 channels,ES-

412.989 > 219.08

9.070e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOA

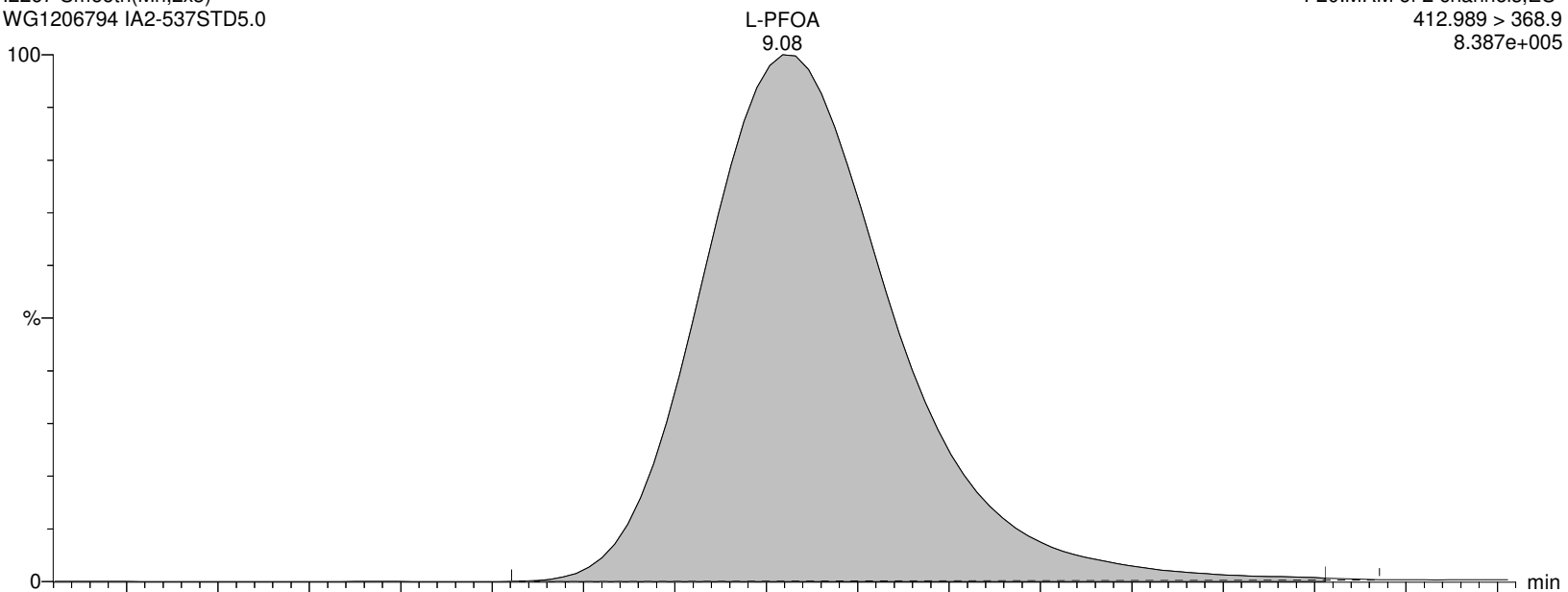
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F20:MRM of 2 channels,ES-

412.989 > 368.9

8.387e+005



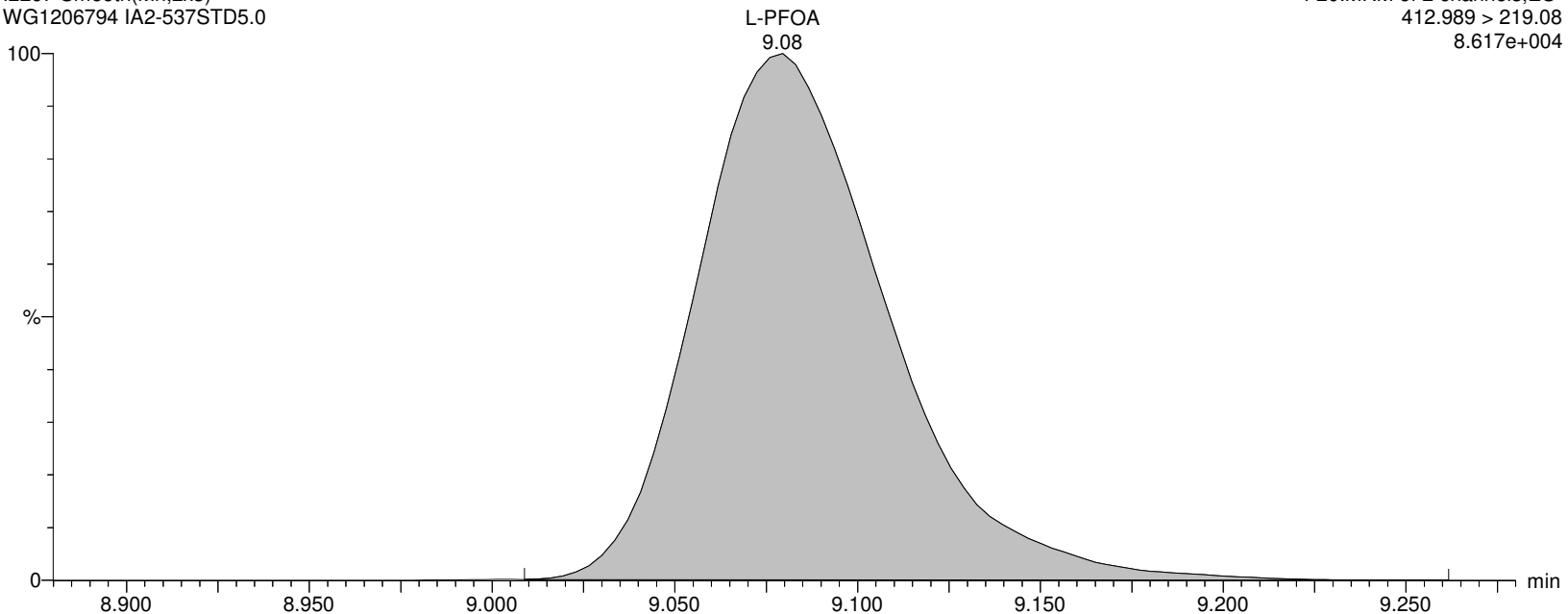
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F20:MRM of 2 channels,ES-

412.989 > 219.08

8.617e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFOA

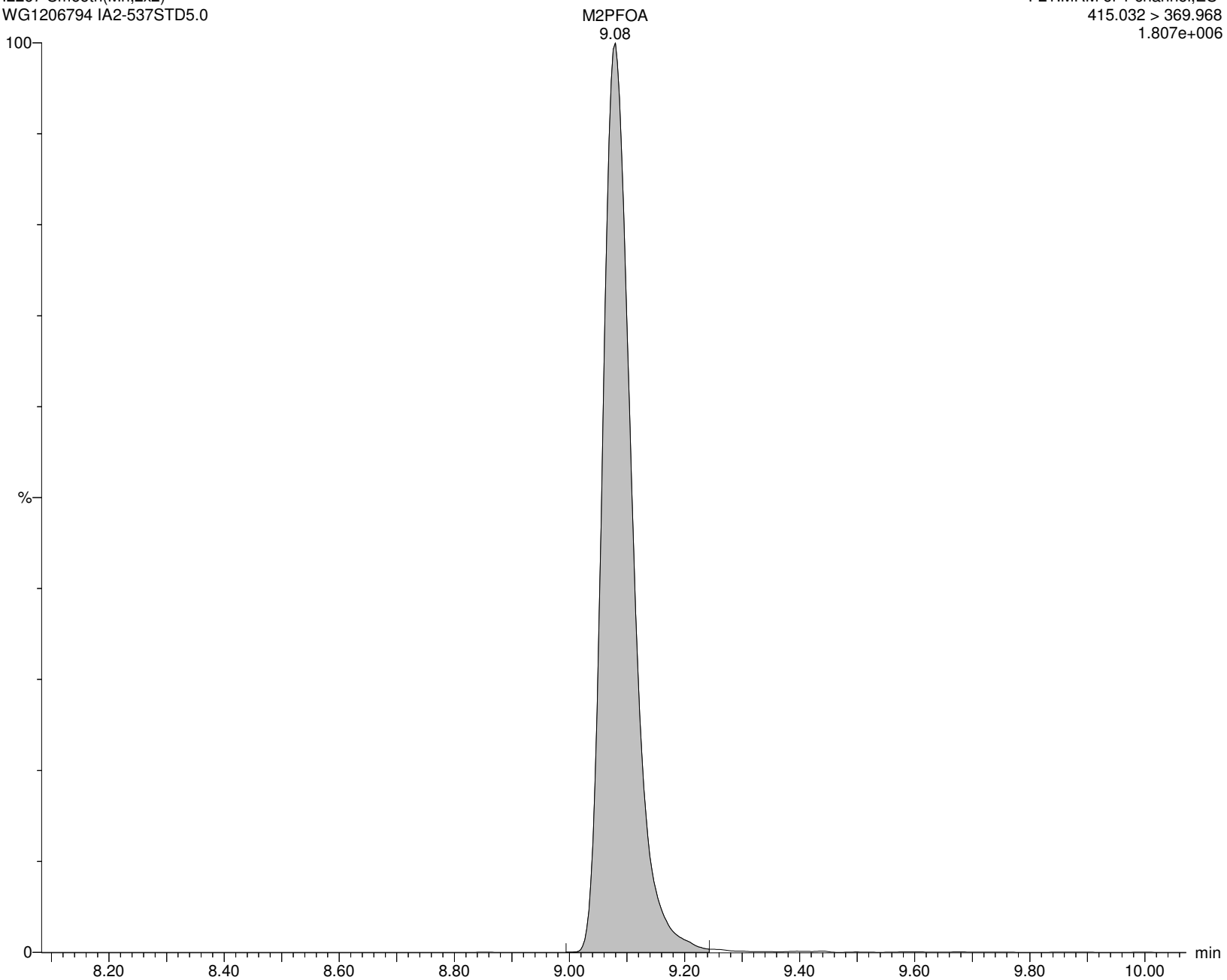
I2267 Smooth(Mn,2x2)

WG1206794 IA2-537STD5.0

F21:MRM of 1 channel,ES-

415.032 > 369.968

1.807e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOA

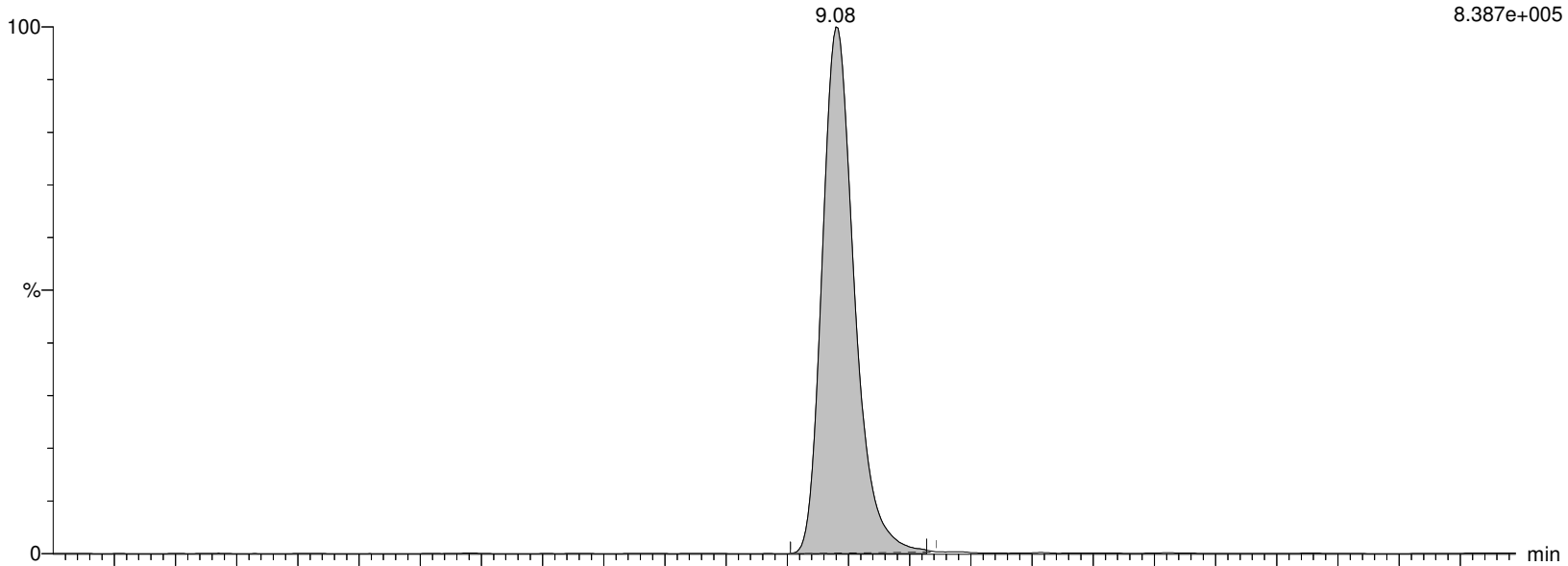
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F20:MRM of 2 channels,ES-

412.989 > 368.9

8.387e+005



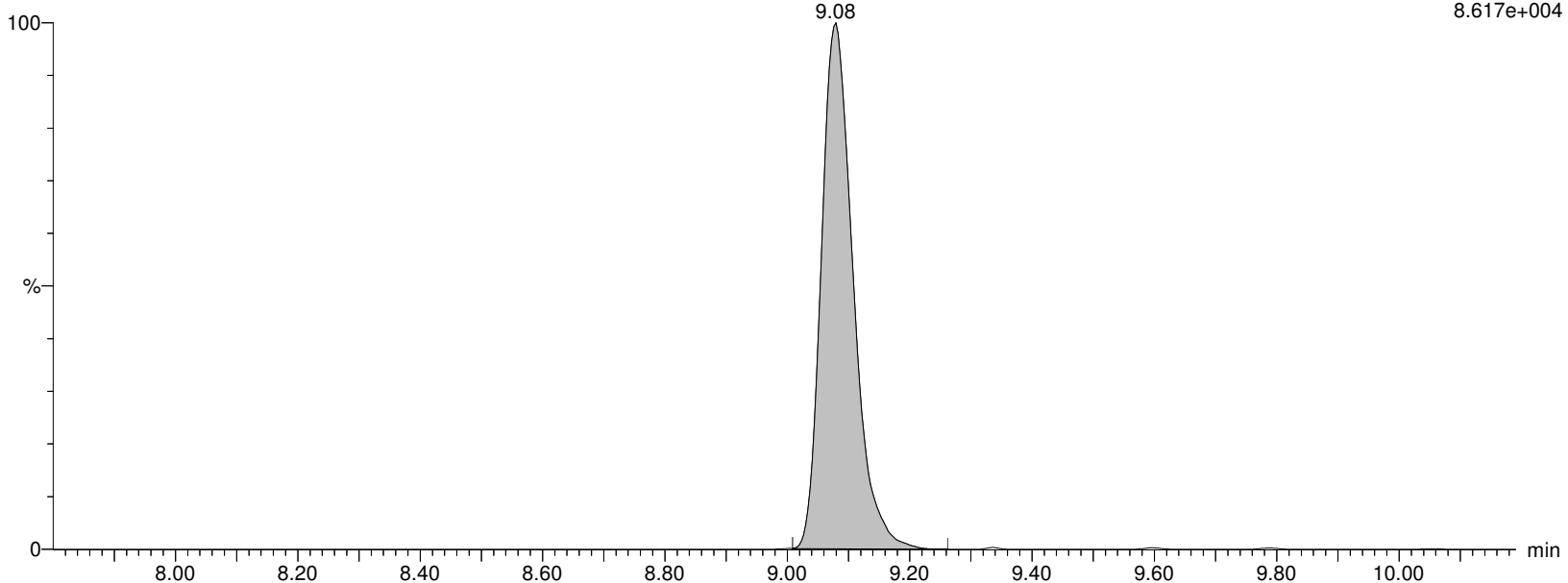
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F20:MRM of 2 channels,ES-

412.989 > 219.08

8.617e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOA

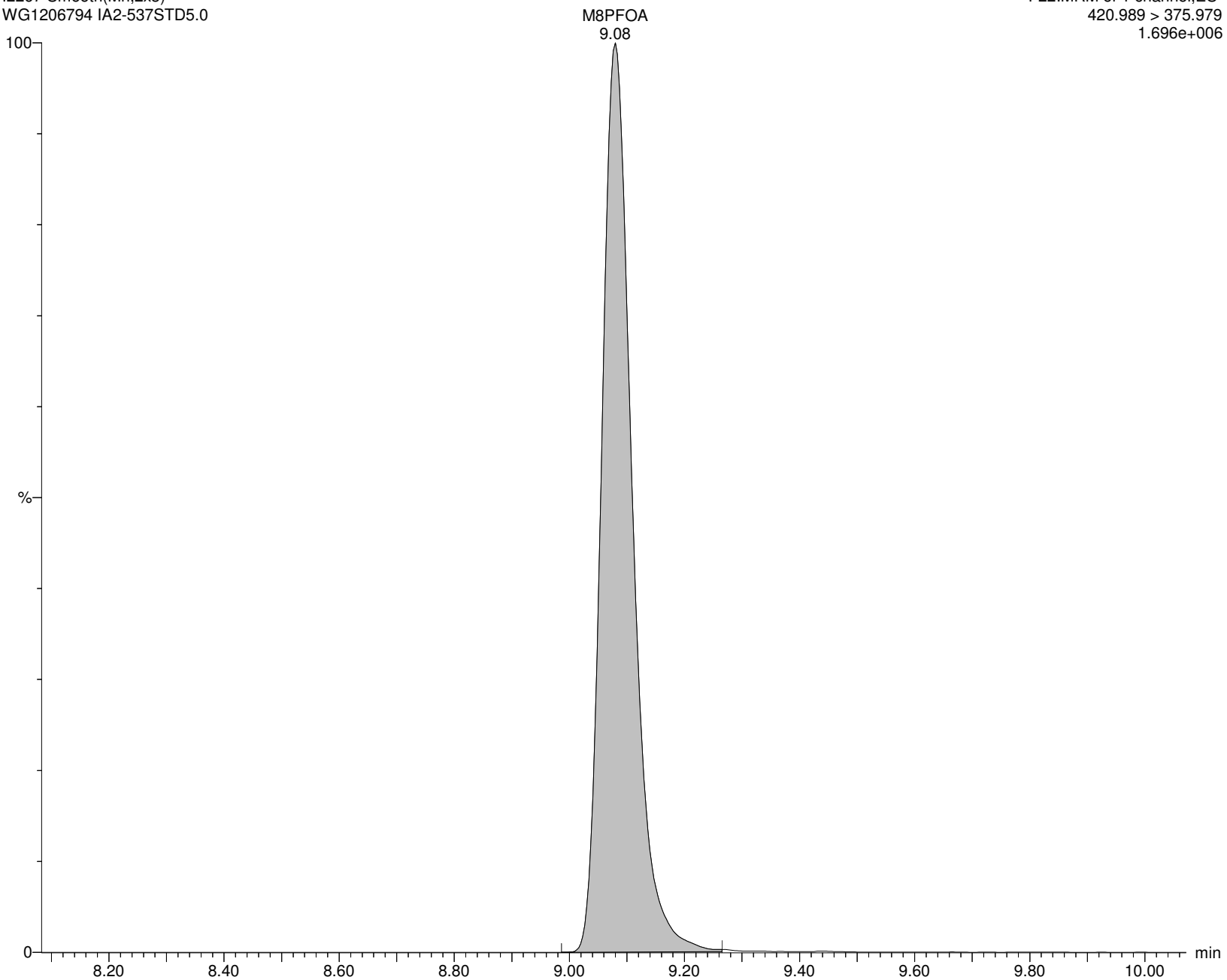
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F22:MRM of 1 channel,ES-

420.989 > 375.979

1.696e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

6:2FTS

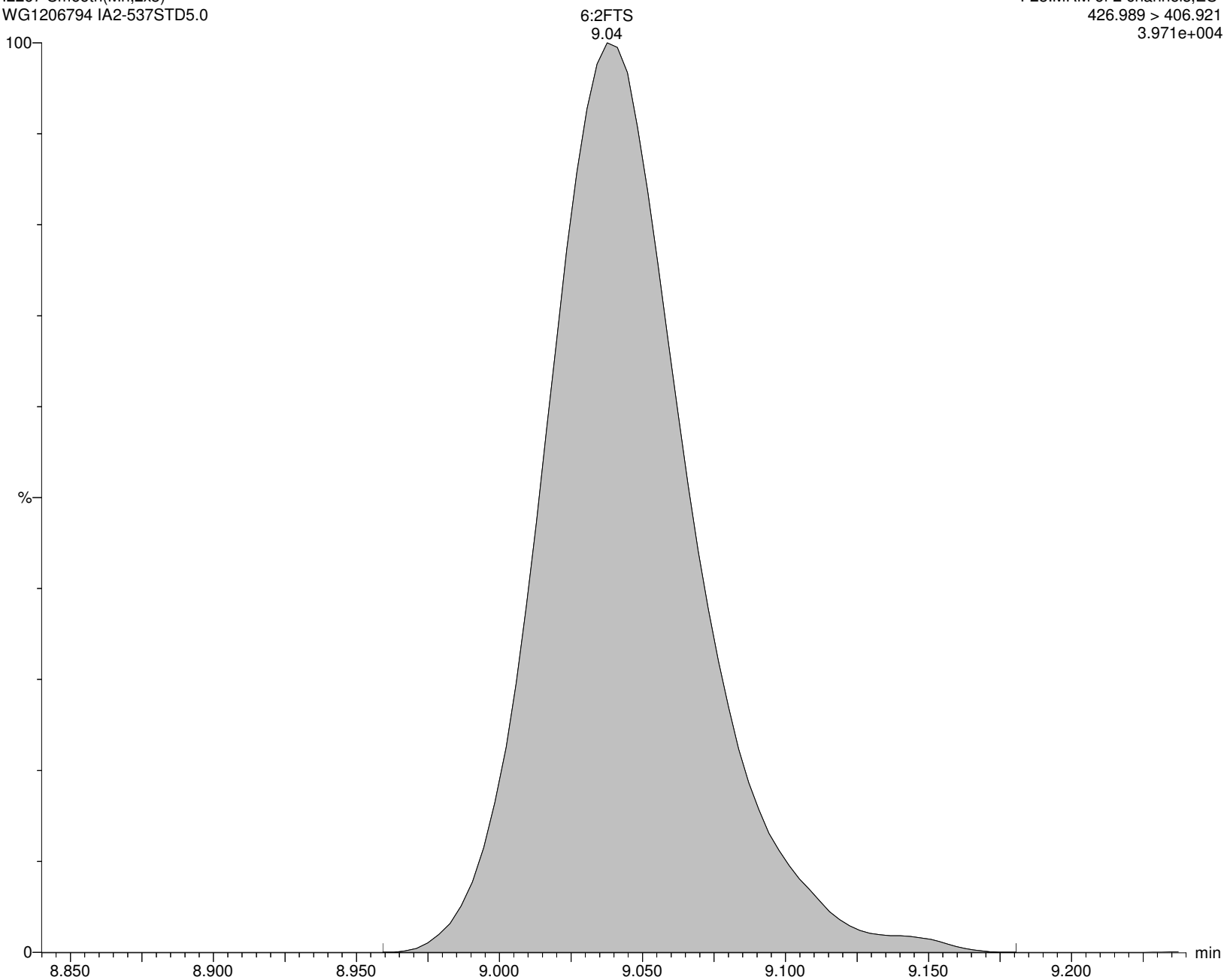
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F23:MRM of 2 channels,ES-

426.989 > 406.921

3.971e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-6:2FTS

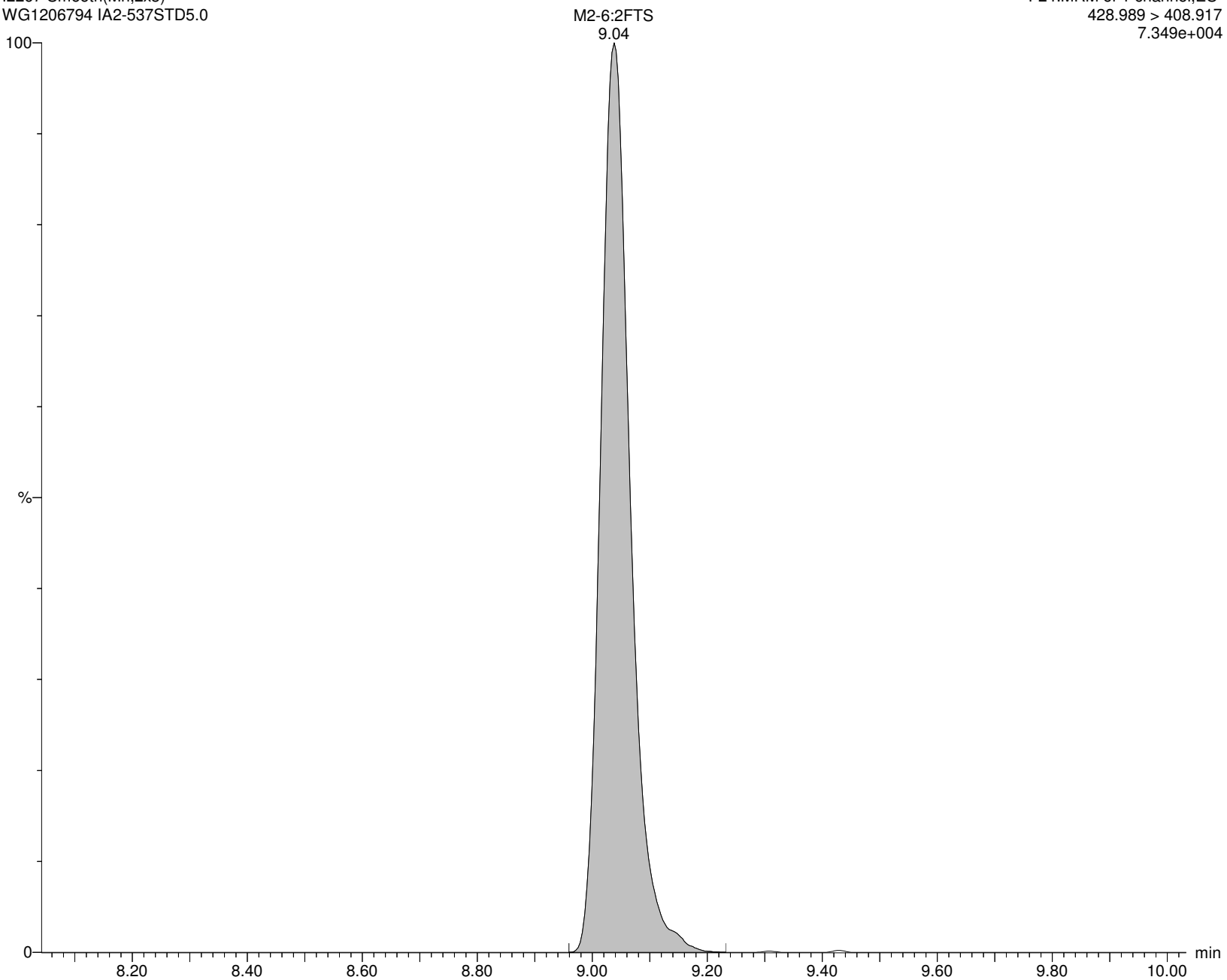
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F24:MRM of 1 channel,ES-

428.989 > 408.917

7.349e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpS

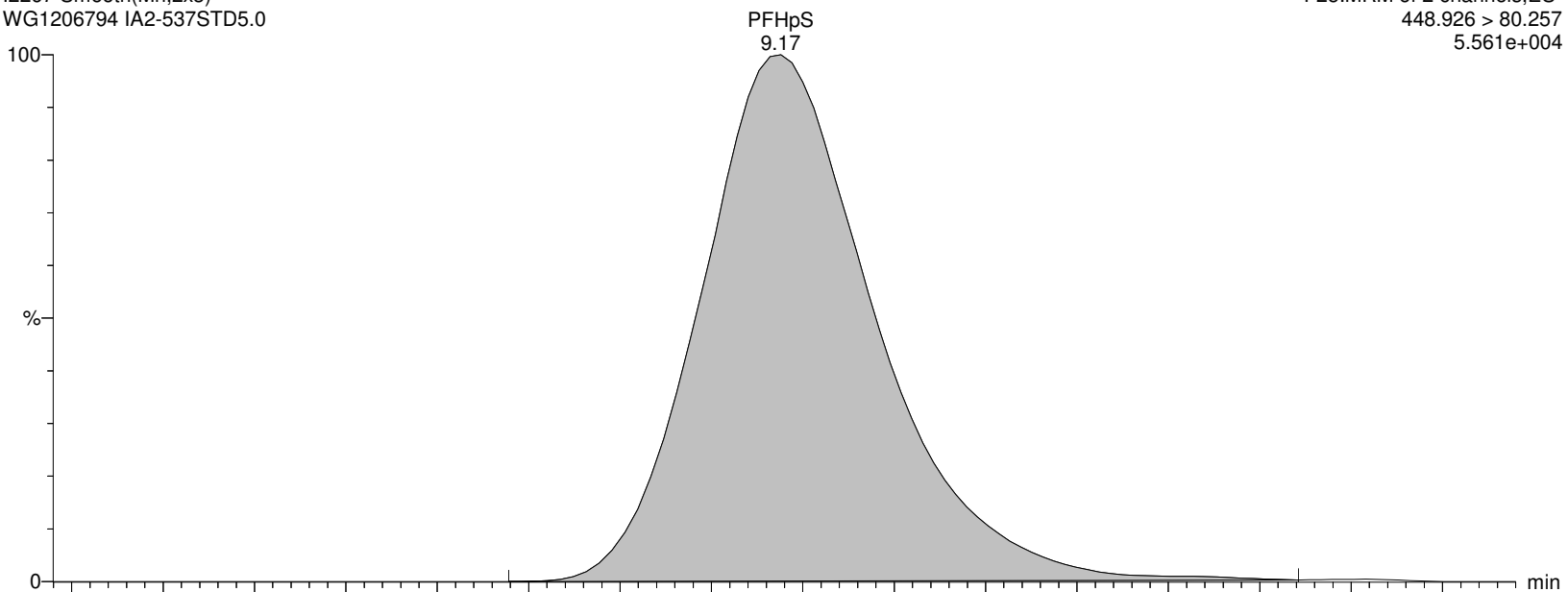
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F25:MRM of 2 channels,ES-

448.926 > 80.257

5.561e+004



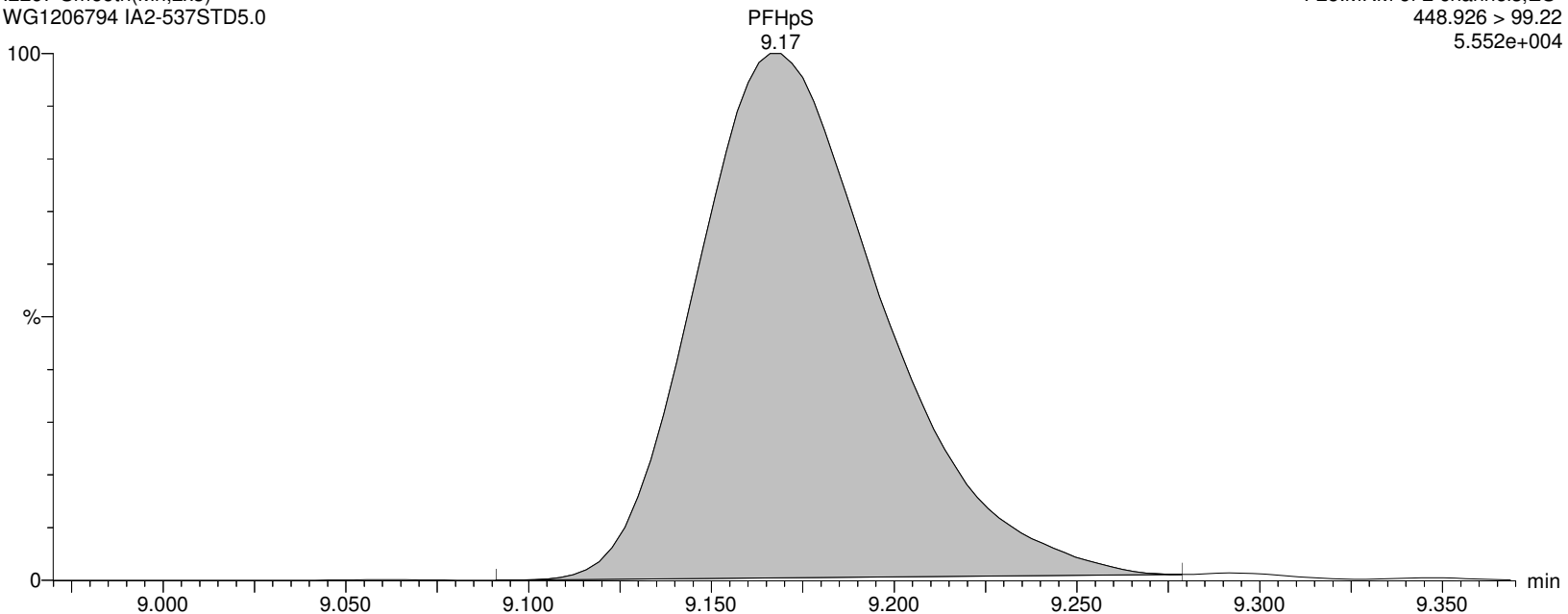
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F25:MRM of 2 channels,ES-

448.926 > 99.22

5.552e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNA

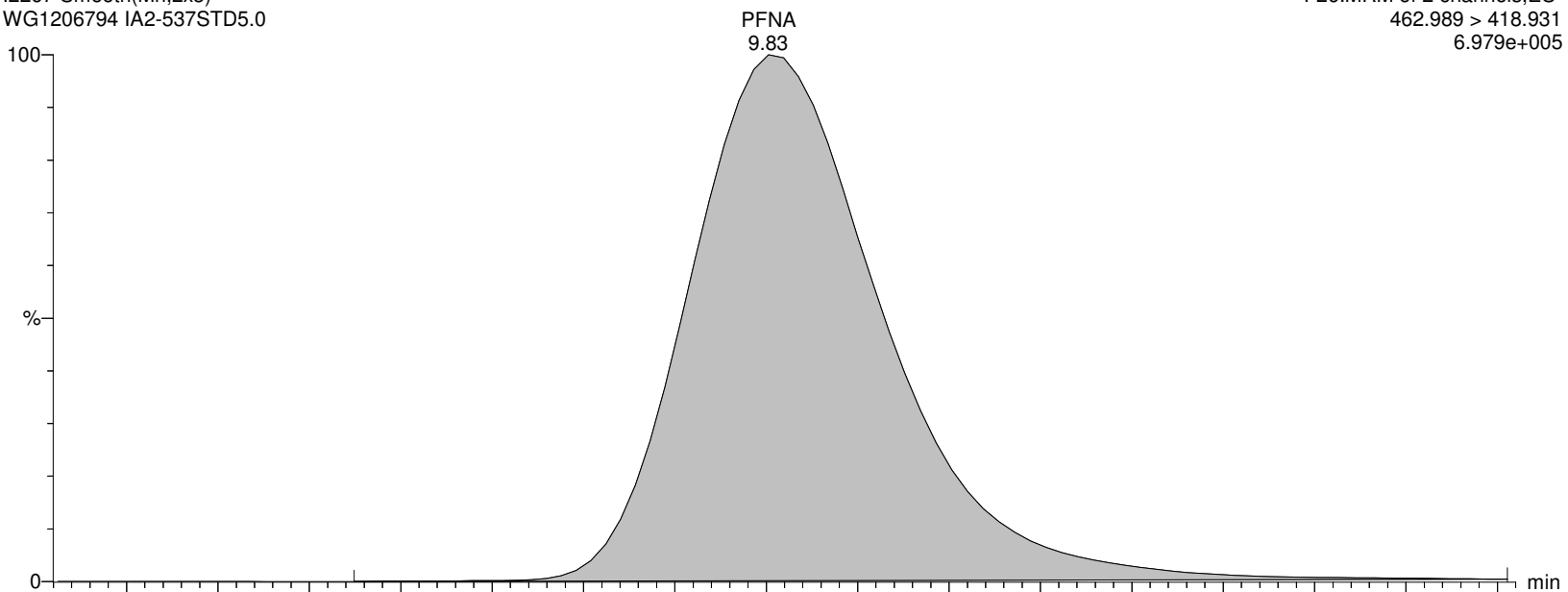
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F26:MRM of 2 channels,ES-

462.989 > 418.931

6.979e+005



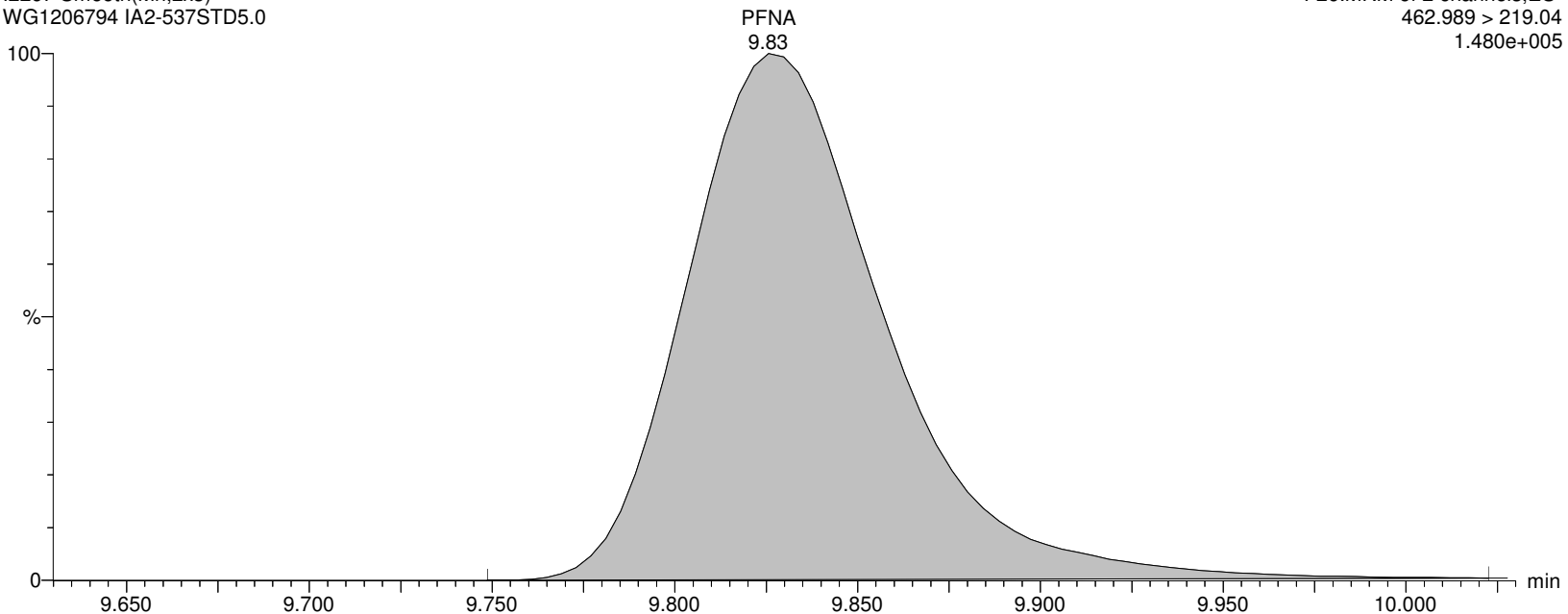
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F26:MRM of 2 channels,ES-

462.989 > 219.04

1.480e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M9PFNA

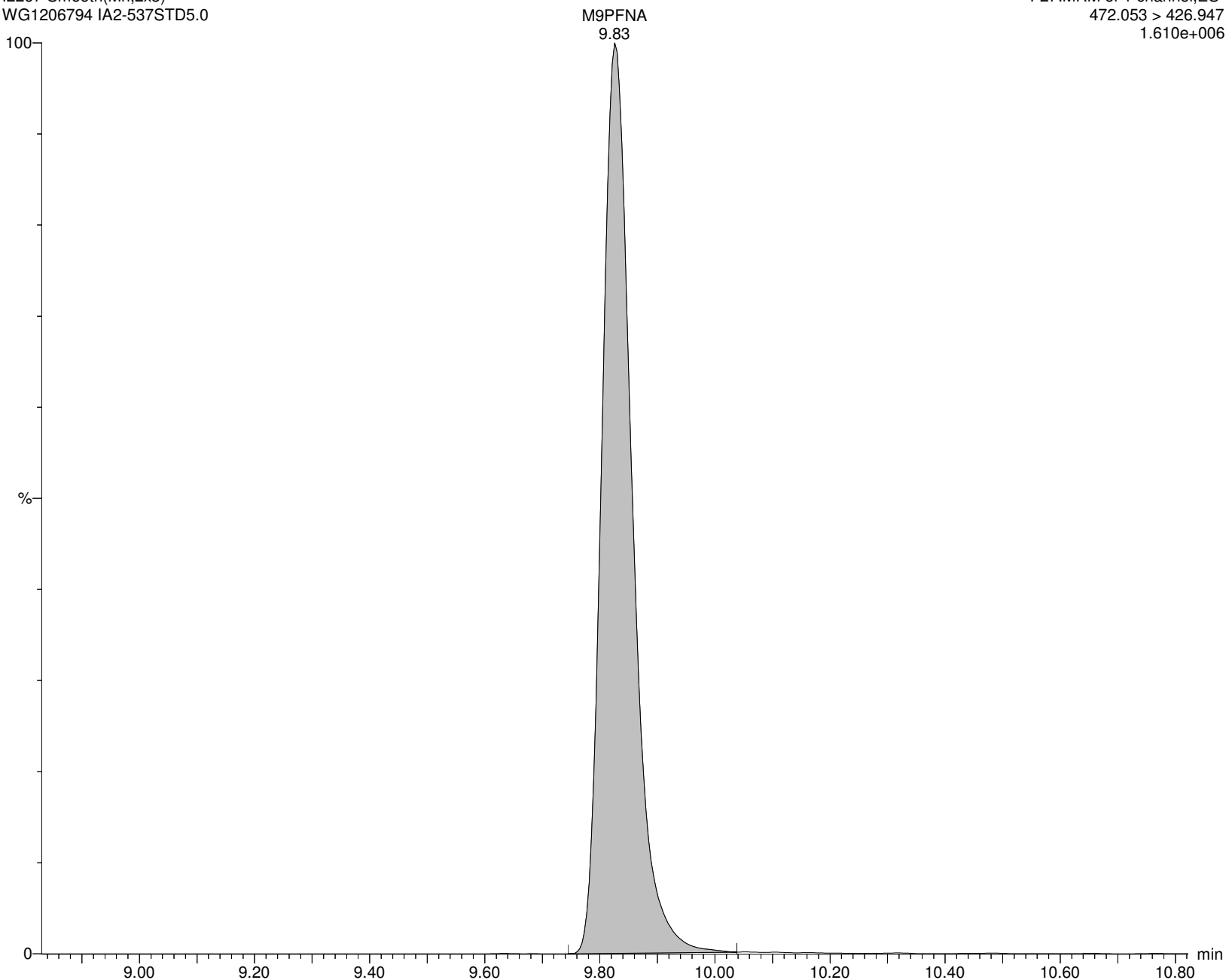
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F27:MRM of 1 channel,ES-

472.053 > 426.947

1.610e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

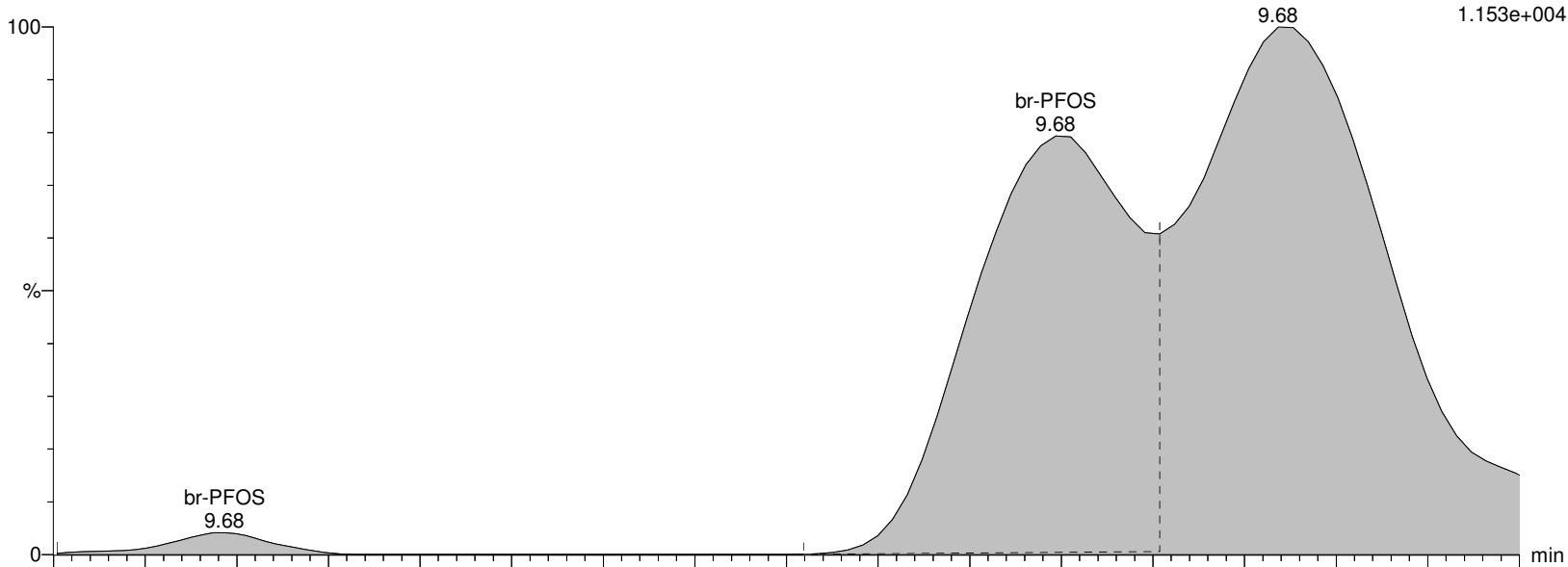
Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOS

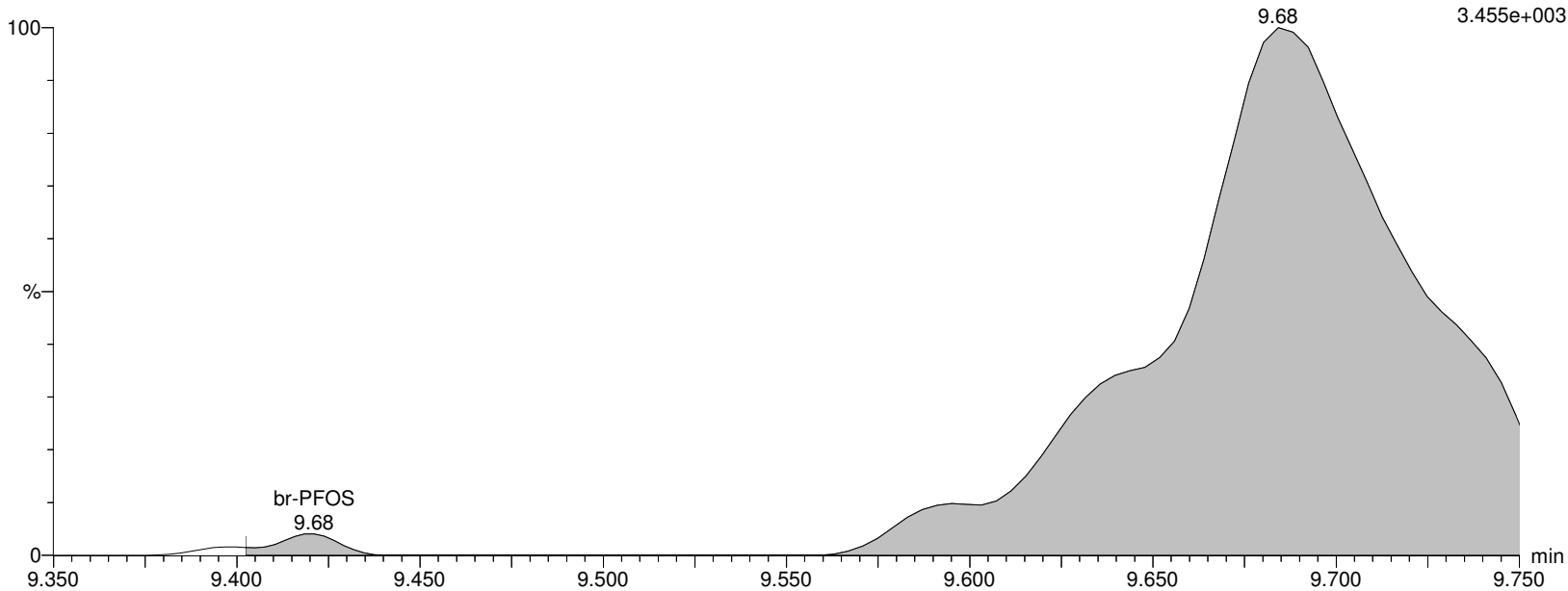
I2267 Smooth(Mn,3x2)

WG1206794 IA2-537STD5.0



I2267 Smooth(Mn,3x2)

WG1206794 IA2-537STD5.0



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOS

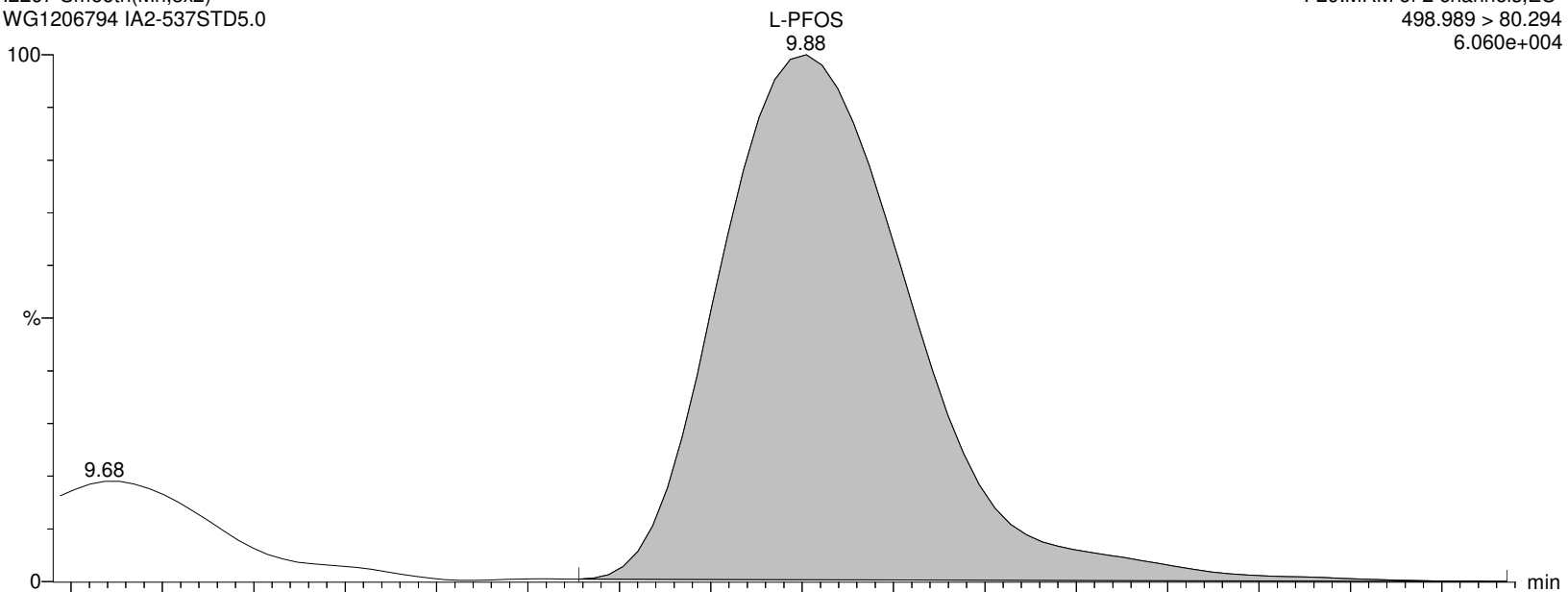
I2267 Smooth(Mn,3x2)

WG1206794 IA2-537STD5.0

F29:MRM of 2 channels,ES-

498.989 > 80.294

6.060e+004



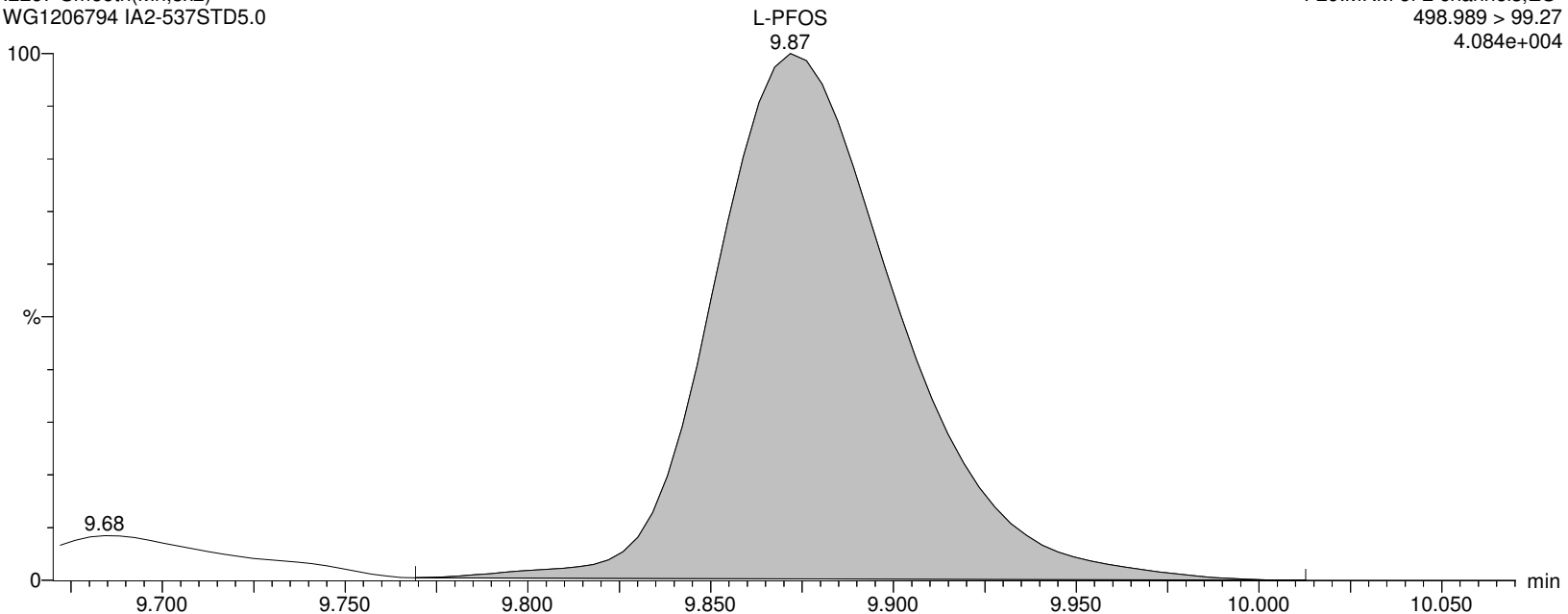
I2267 Smooth(Mn,3x2)

WG1206794 IA2-537STD5.0

F29:MRM of 2 channels,ES-

498.989 > 99.27

4.084e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOS

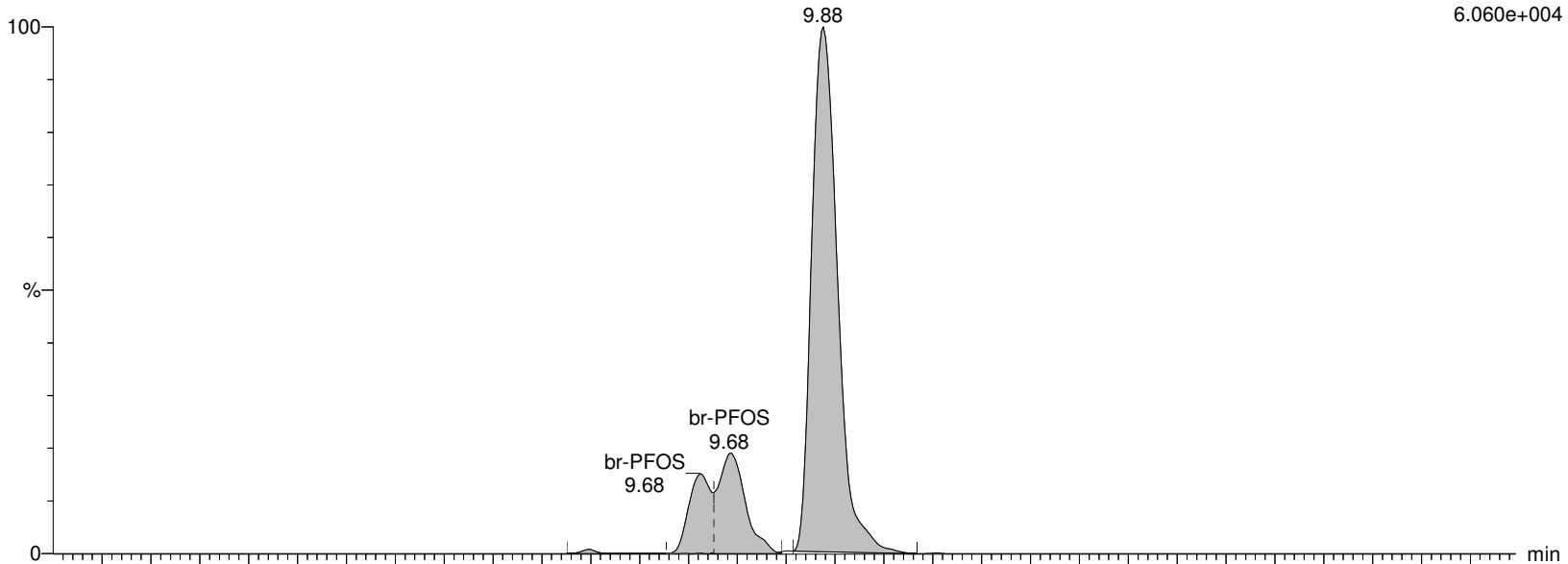
I2267 Smooth(Mn,3x2)

WG1206794 IA2-537STD5.0

F29:MRM of 2 channels,ES-

498.989 > 80.294

6.060e+004



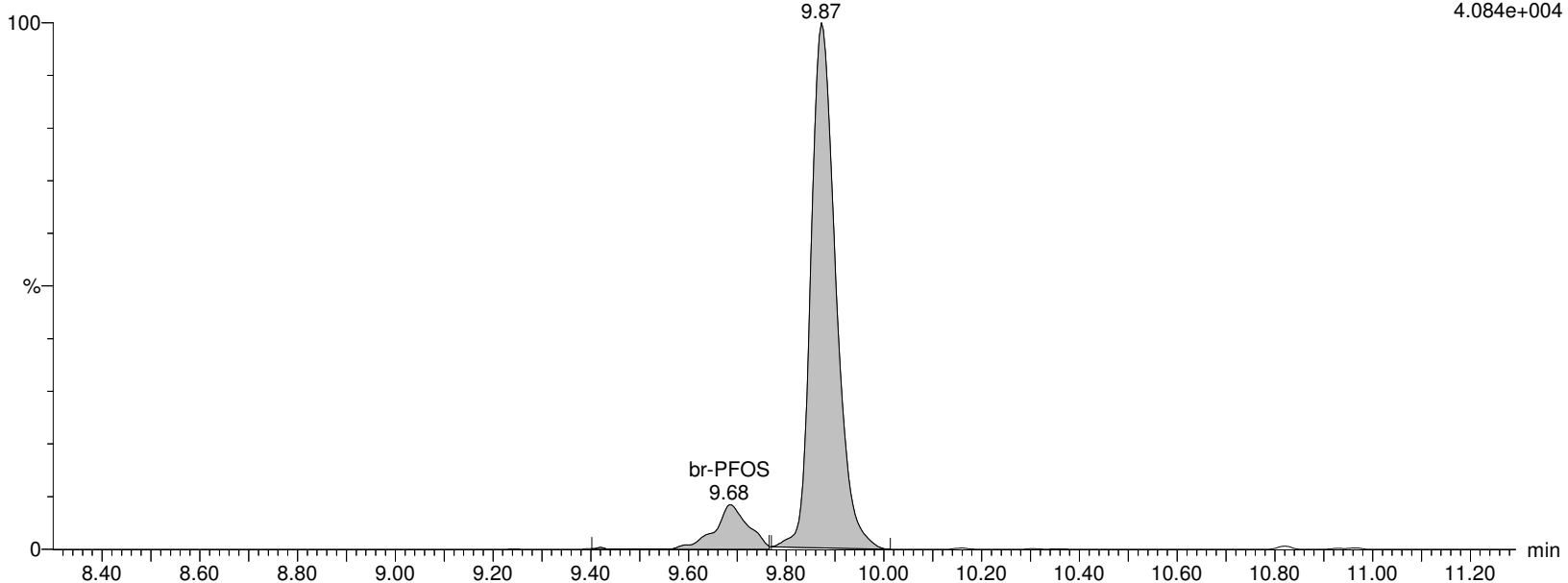
I2267 Smooth(Mn,3x2)

WG1206794 IA2-537STD5.0

F29:MRM of 2 channels,ES-

498.989 > 99.27

4.084e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFOS

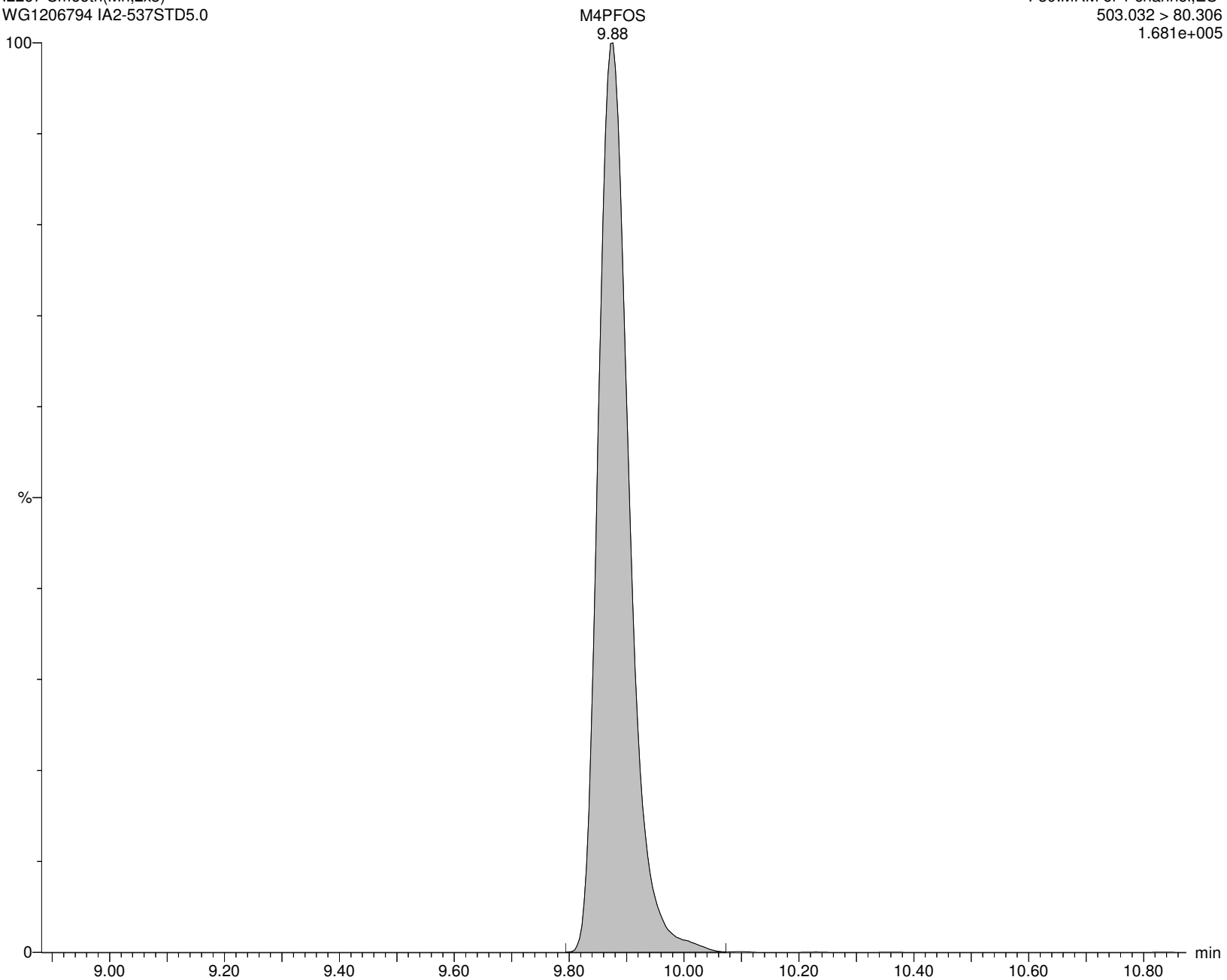
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F30:MRM of 1 channel,ES-

503.032 > 80.306

1.681e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOS

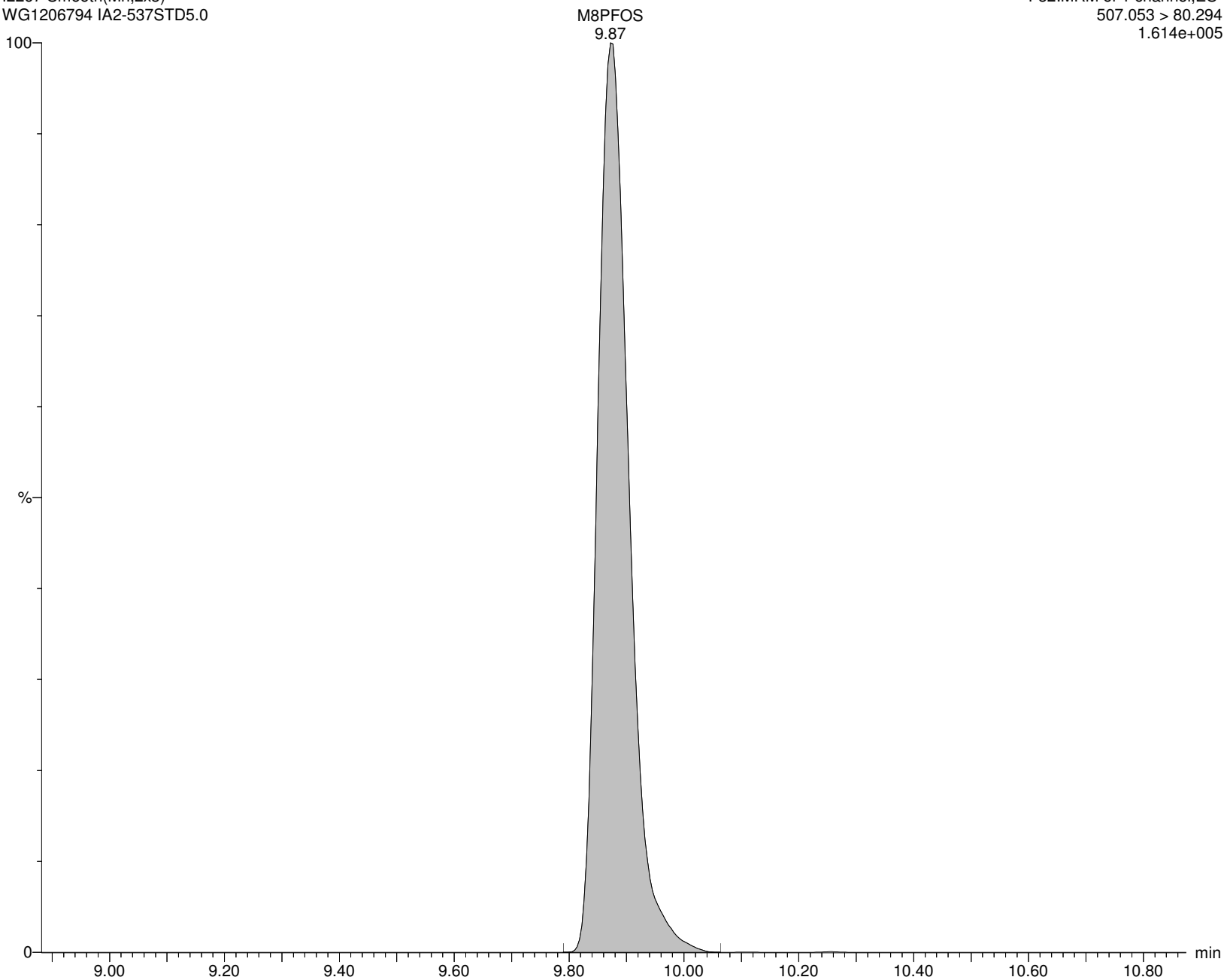
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F32:MRM of 1 channel,ES-

507.053 > 80.294

1.614e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDA

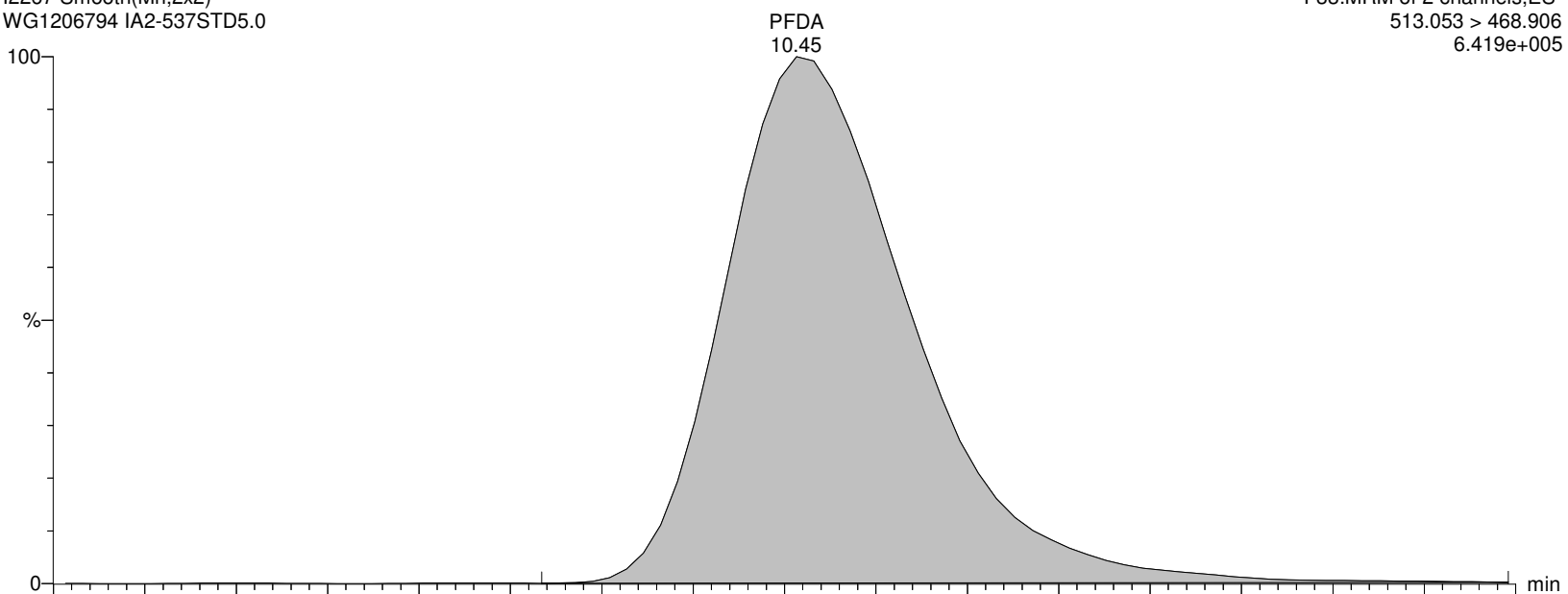
I2267 Smooth(Mn,2x2)

WG1206794 IA2-537STD5.0

F33:MRM of 2 channels,ES-

513.053 > 468.906

6.419e+005



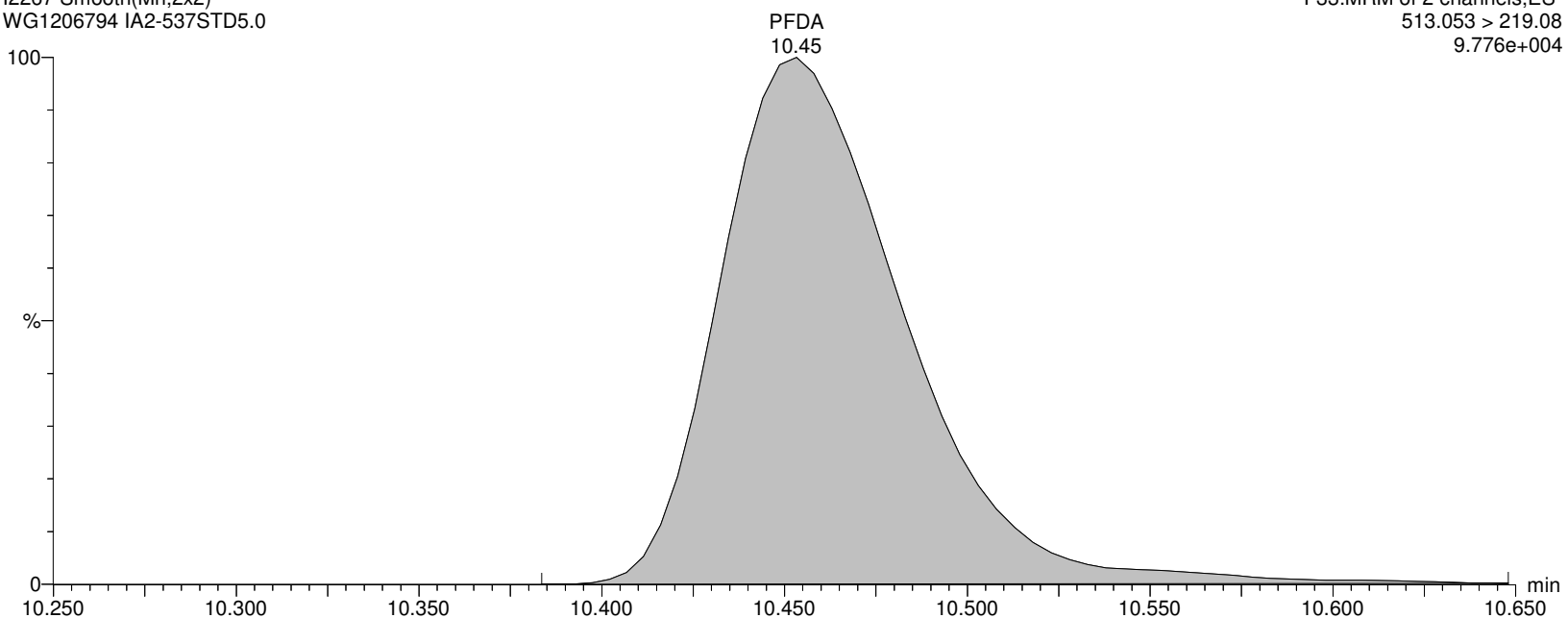
I2267 Smooth(Mn,2x2)

WG1206794 IA2-537STD5.0

F33:MRM of 2 channels,ES-

513.053 > 219.08

9.776e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFDA

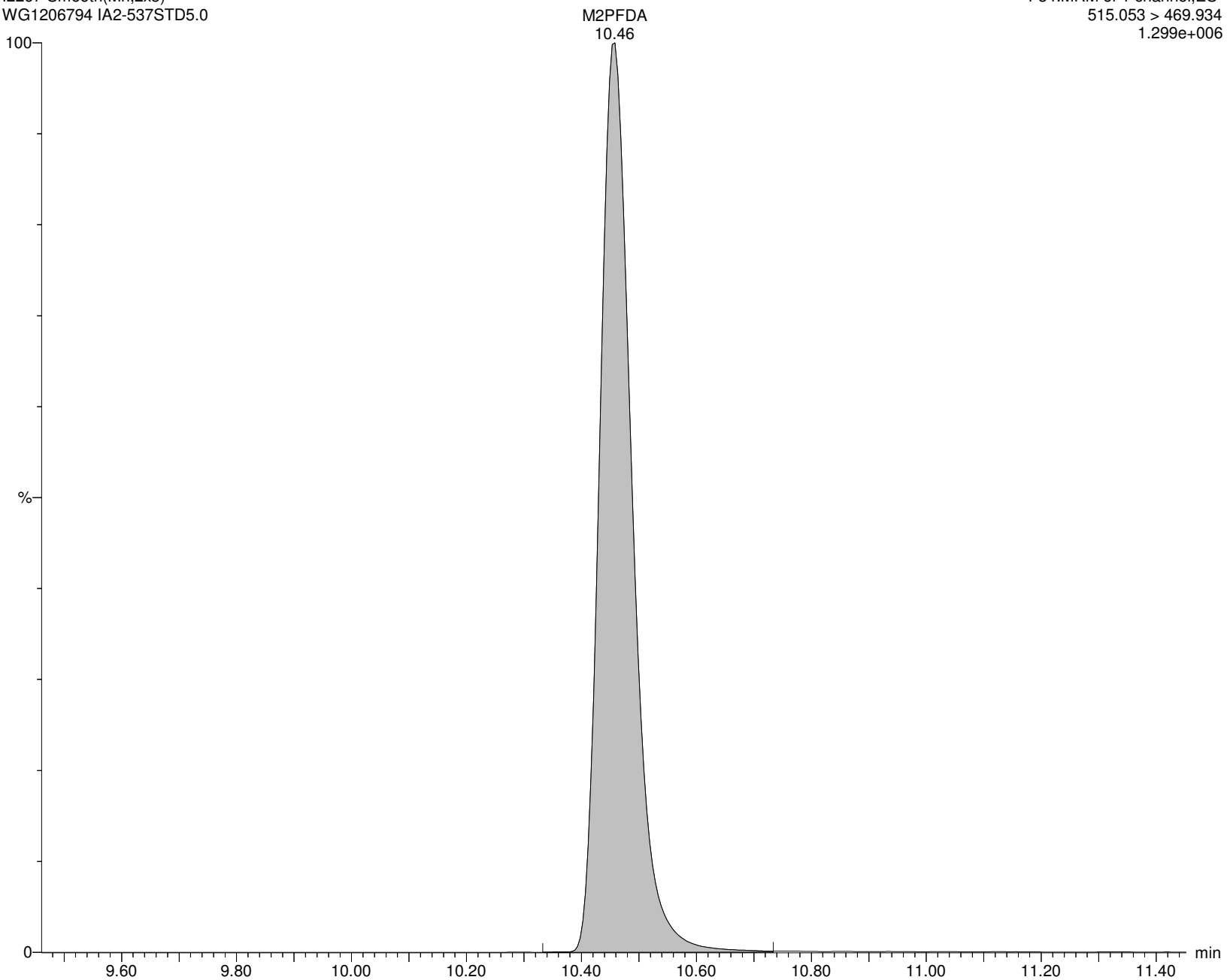
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F34:MRM of 1 channel,ES-

515.053 > 469.934

1.299e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M6PFDA

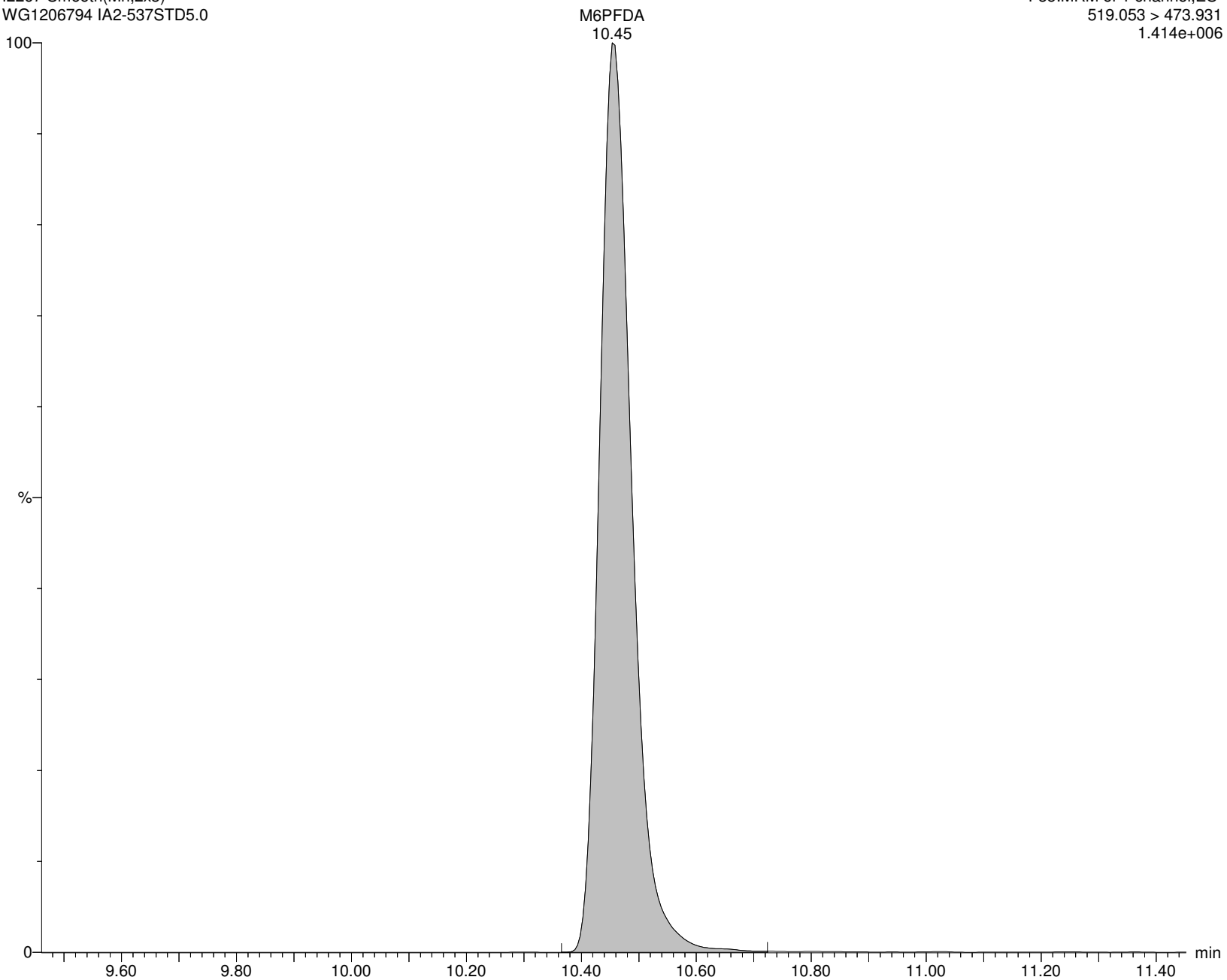
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F35:MRM of 1 channel,ES-

519.053 > 473.931

1.414e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

8:2FTS

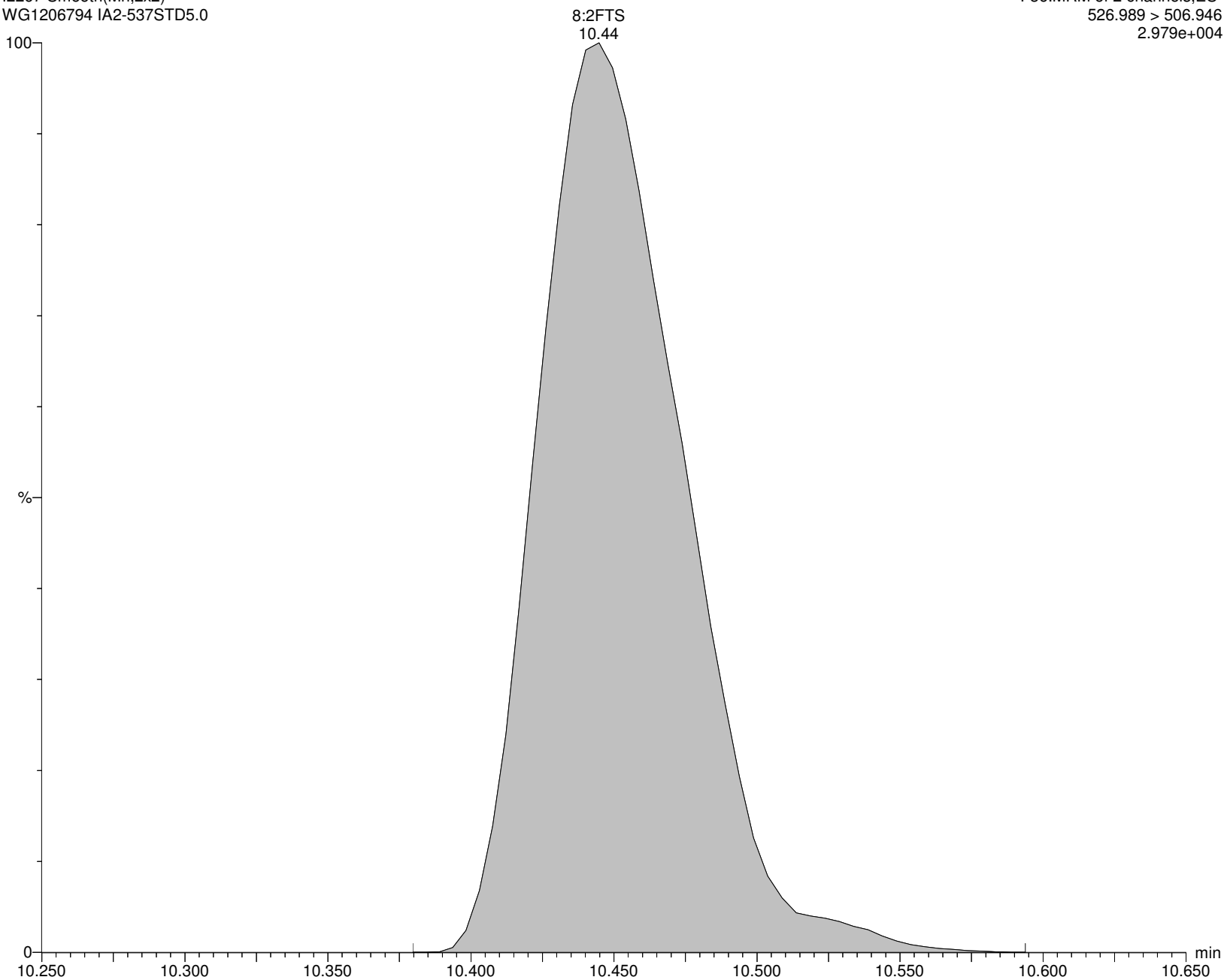
I2267 Smooth(Mn,2x2)

WG1206794 IA2-537STD5.0

F36:MRM of 2 channels,ES-

526.989 > 506.946

2.979e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-8:2FTS

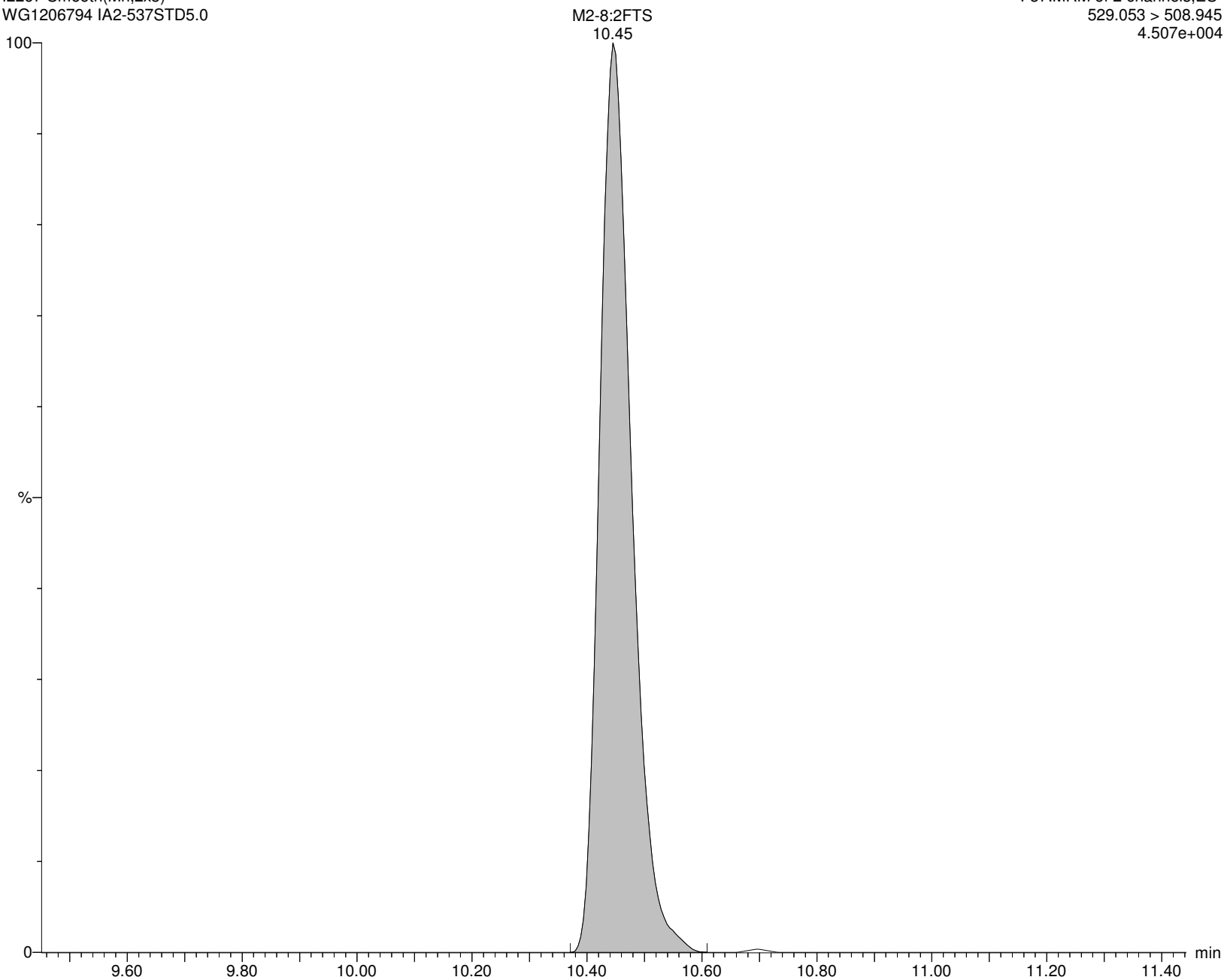
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F37:MRM of 2 channels,ES-

529.053 > 508.945

4.507e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNS

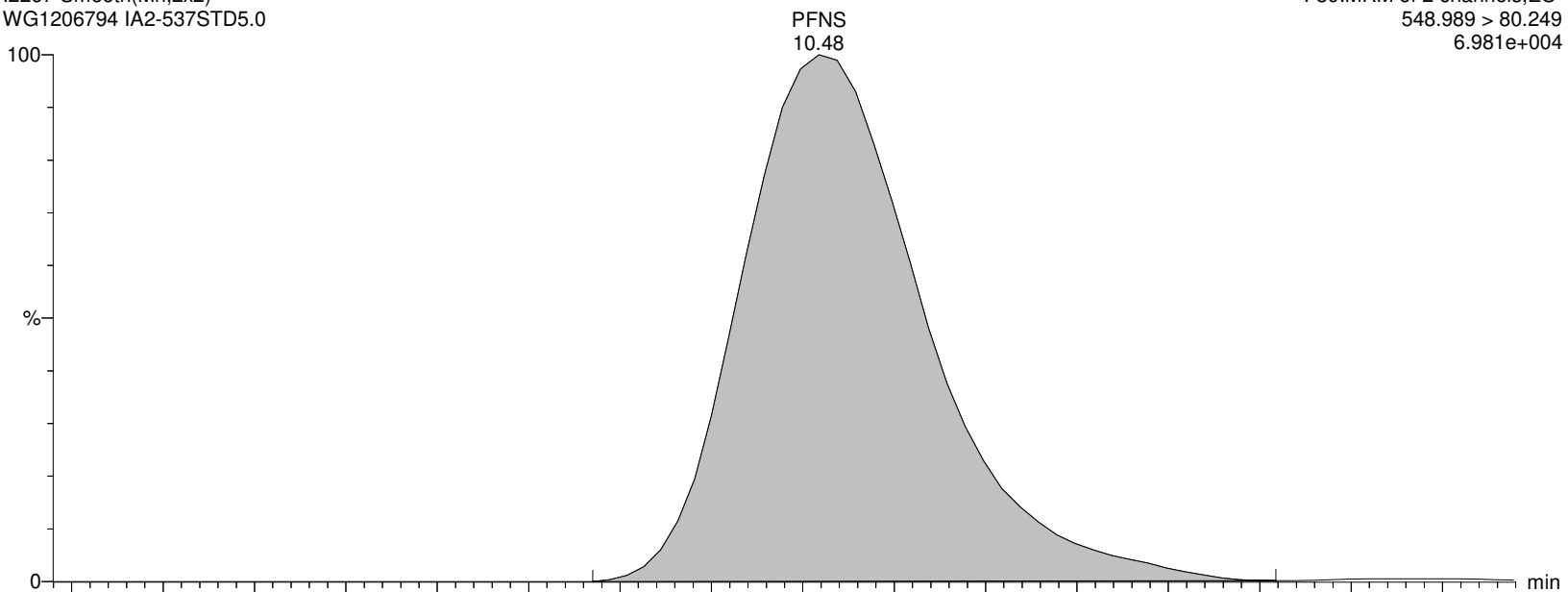
I2267 Smooth(Mn,2x2)

WG1206794 IA2-537STD5.0

F39:MRM of 2 channels,ES-

548.989 > 80.249

6.981e+004



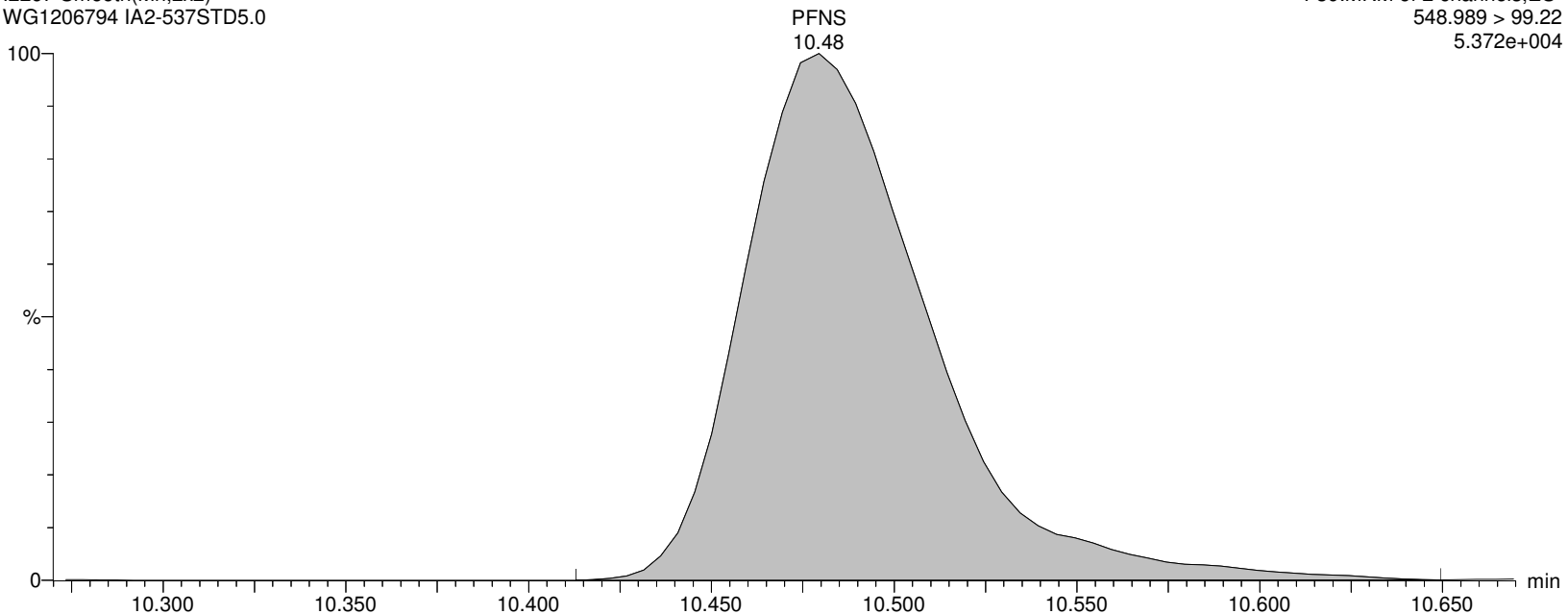
I2267 Smooth(Mn,2x2)

WG1206794 IA2-537STD5.0

F39:MRM of 2 channels,ES-

548.989 > 99.22

5.372e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d3-NMeFOSAA

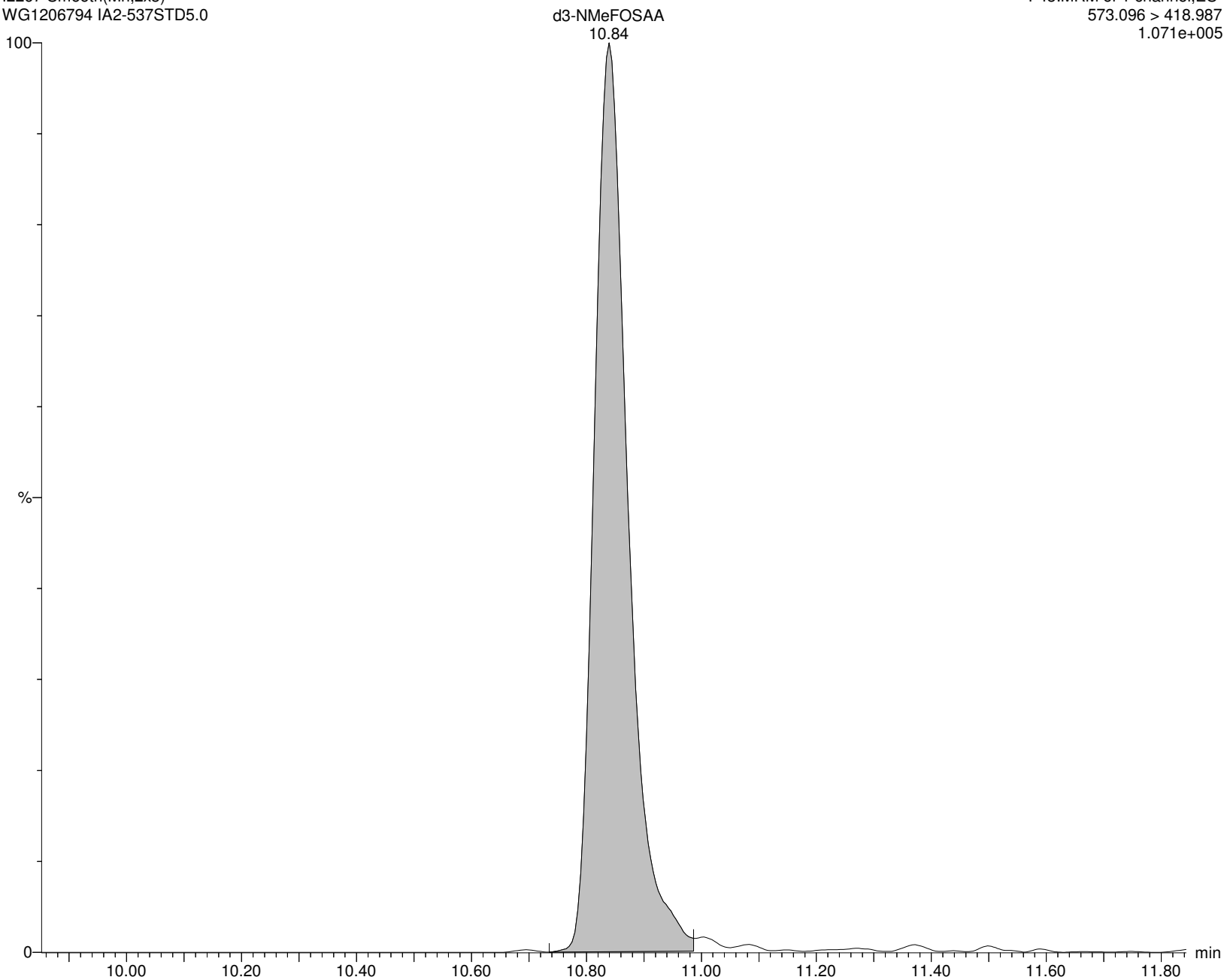
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F43:MRM of 1 channel,ES-

573.096 > 418.987

1.071e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NMeFOSAA

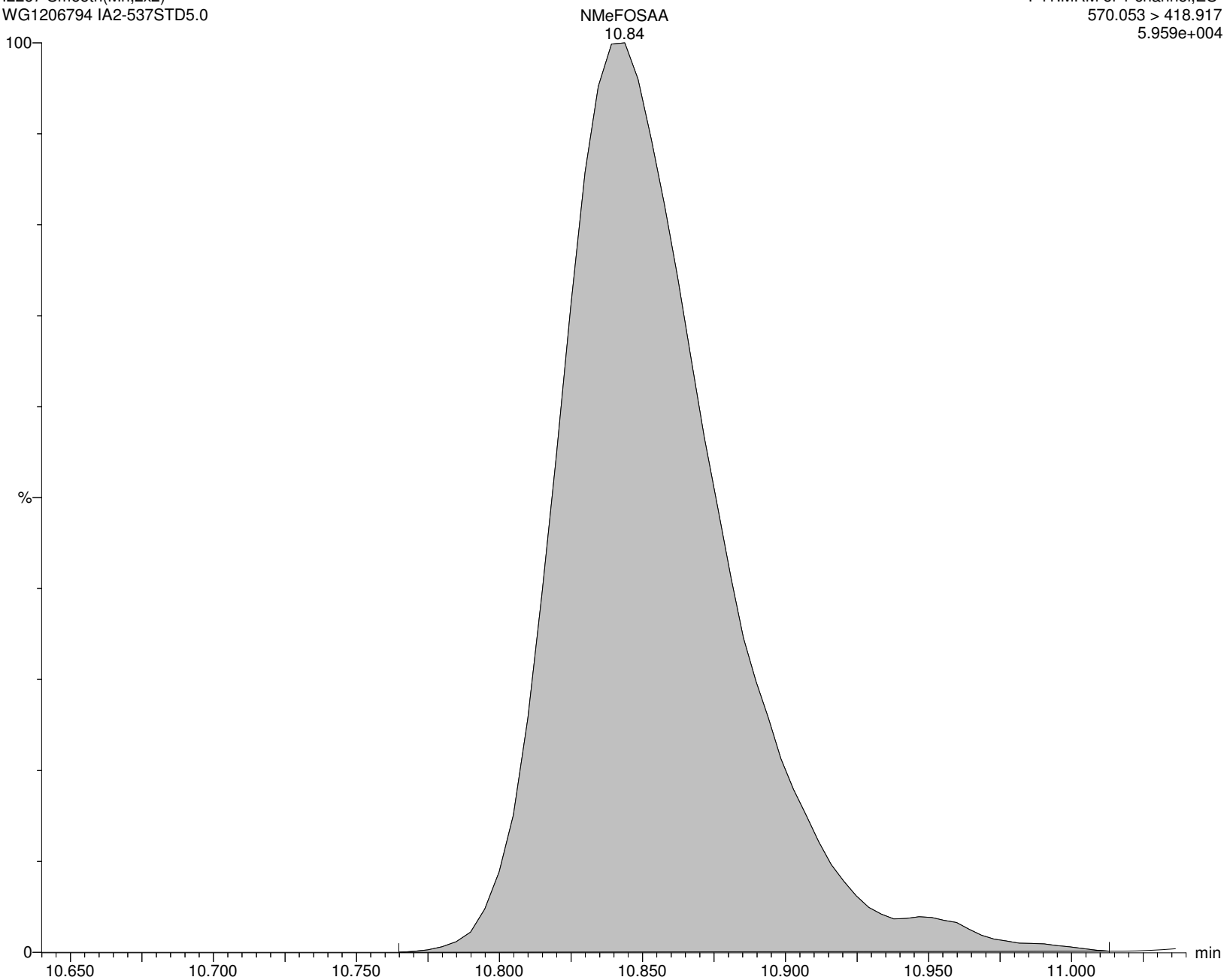
I2267 Smooth(Mn,2x2)

WG1206794 IA2-537STD5.0

F41:MRM of 1 channel,ES-

570.053 > 418.917

5.959e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFUnA

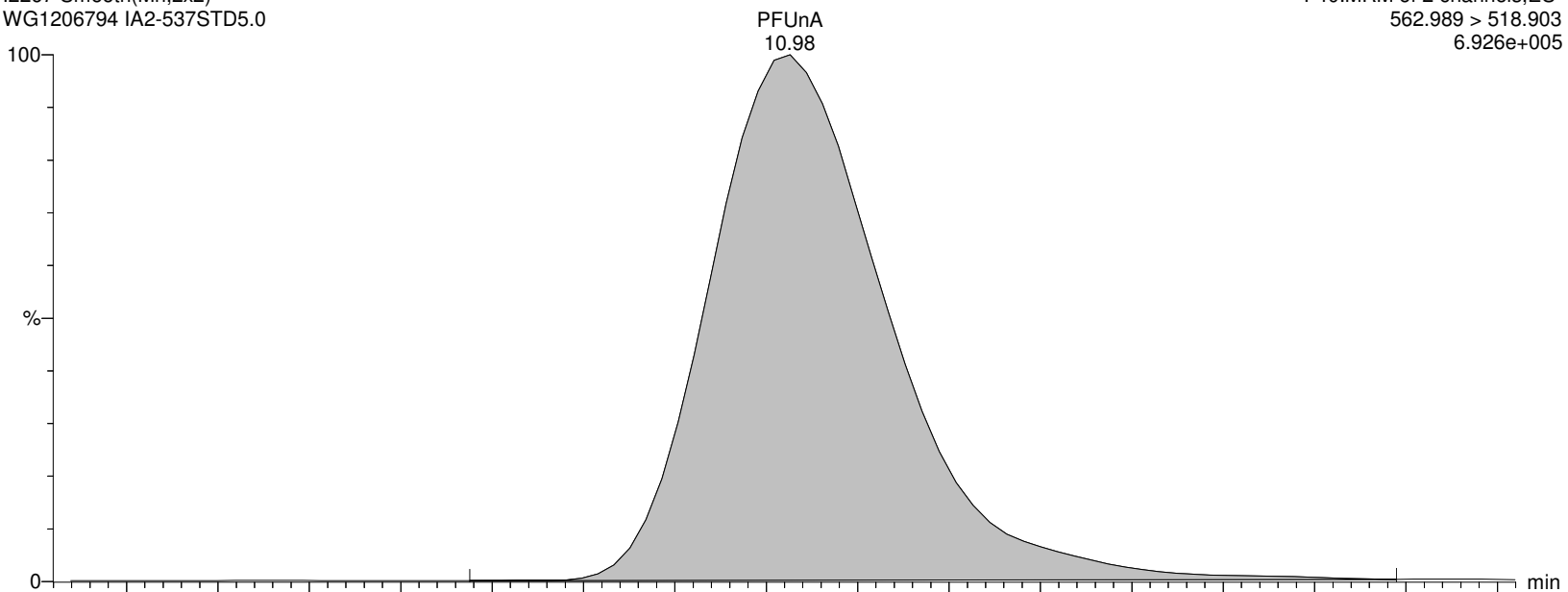
I2267 Smooth(Mn,2x2)

WG1206794 IA2-537STD5.0

F40:MRM of 2 channels,ES-

562.989 > 518.903

6.926e+005



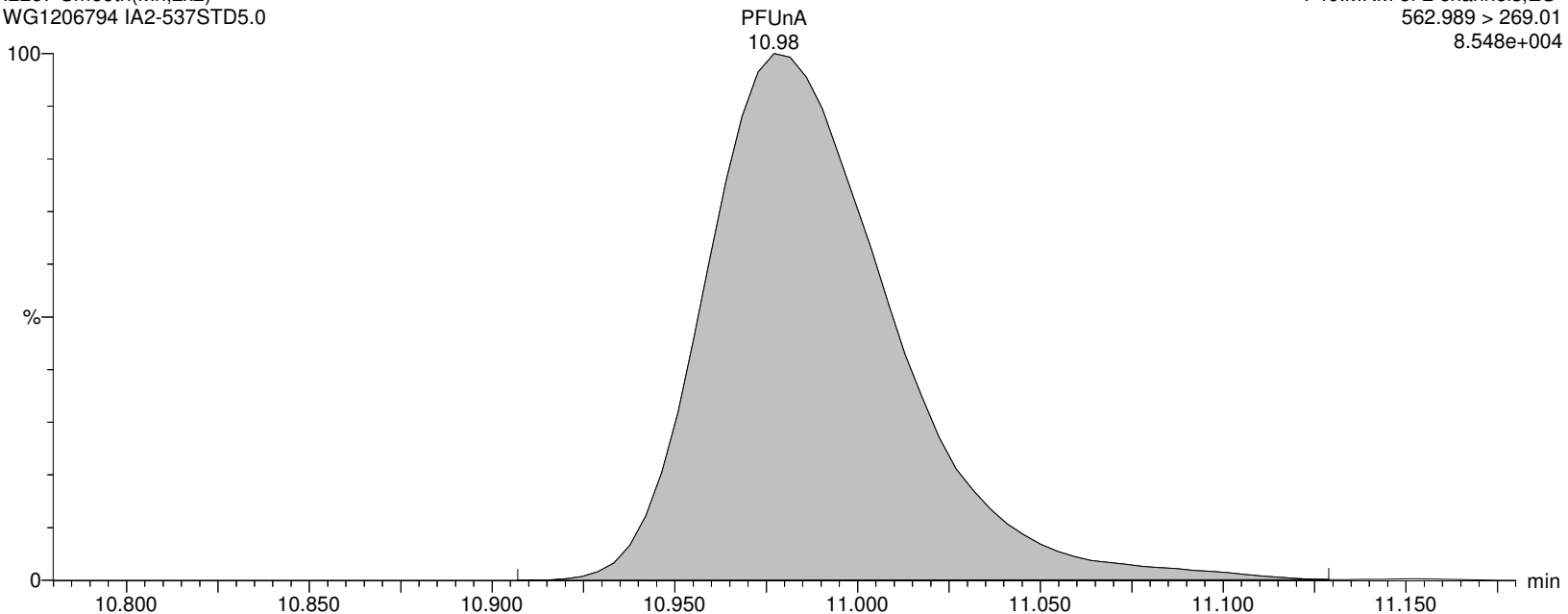
I2267 Smooth(Mn,2x2)

WG1206794 IA2-537STD5.0

F40:MRM of 2 channels,ES-

562.989 > 269.01

8.548e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M7-PFUDA

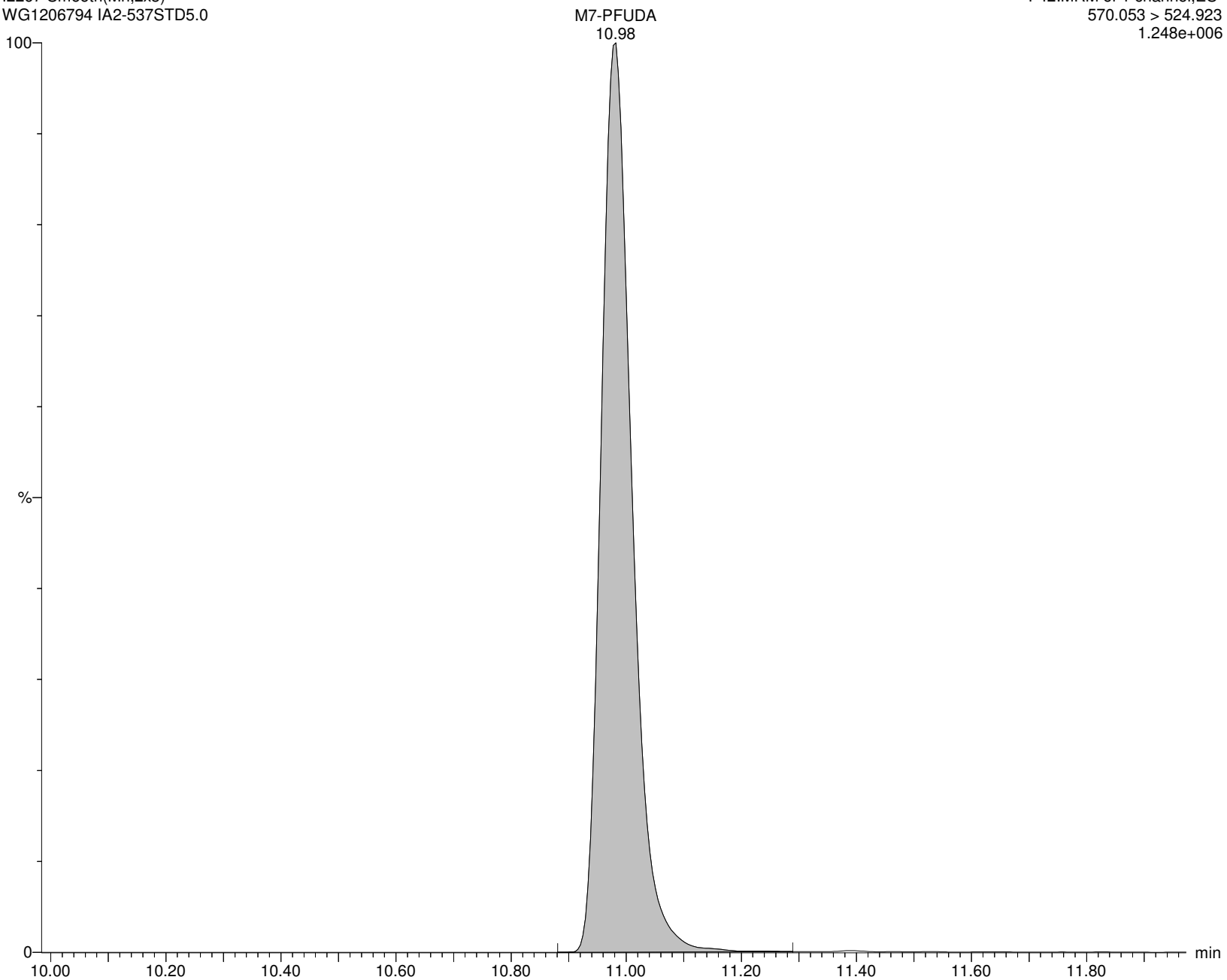
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F42:MRM of 1 channel,ES-

570.053 > 524.923

1.248e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDS

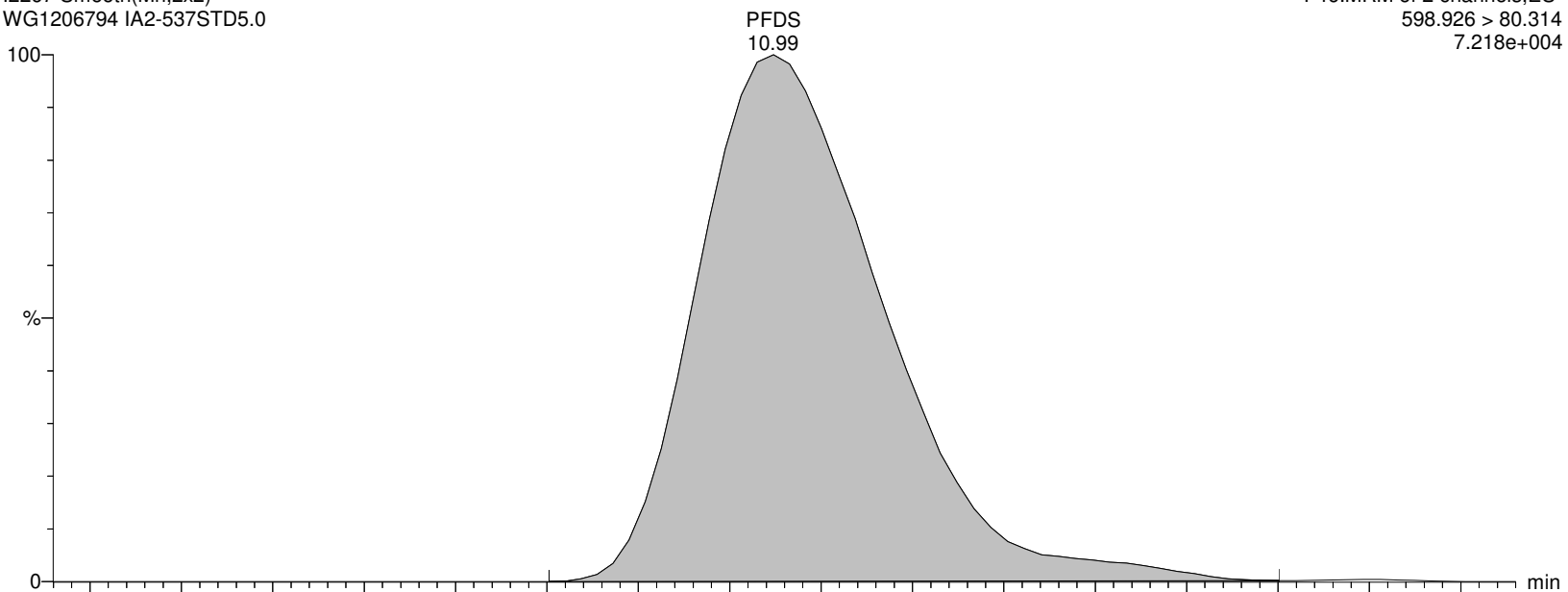
I2267 Smooth(Mn,2x2)

WG1206794 IA2-537STD5.0

F46:MRM of 2 channels,ES-

598.926 > 80.314

7.218e+004



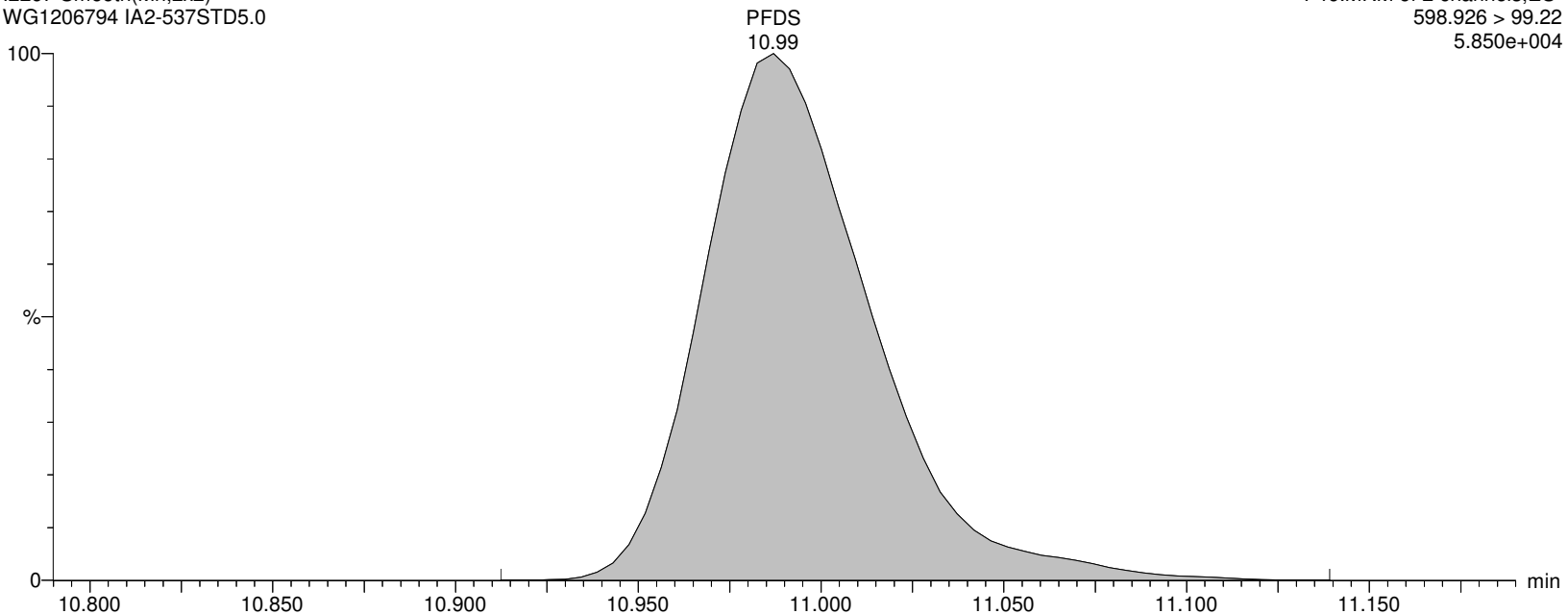
I2267 Smooth(Mn,2x2)

WG1206794 IA2-537STD5.0

F46:MRM of 2 channels,ES-

598.926 > 99.22

5.850e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

FOSA

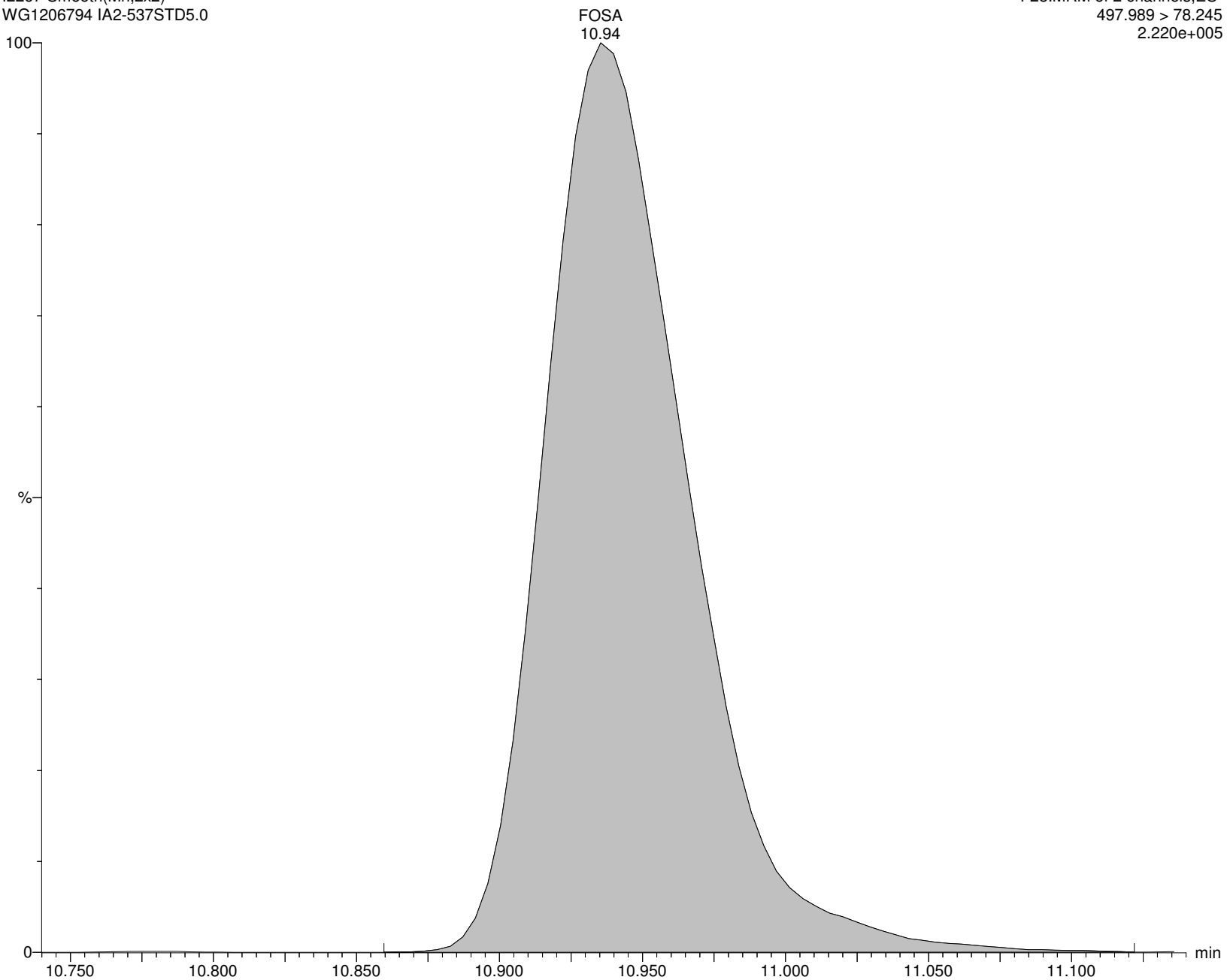
I2267 Smooth(Mn,2x2)

WG1206794 IA2-537STD5.0

F28:MRM of 2 channels,ES-

497.989 > 78.245

2.220e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8FOSA

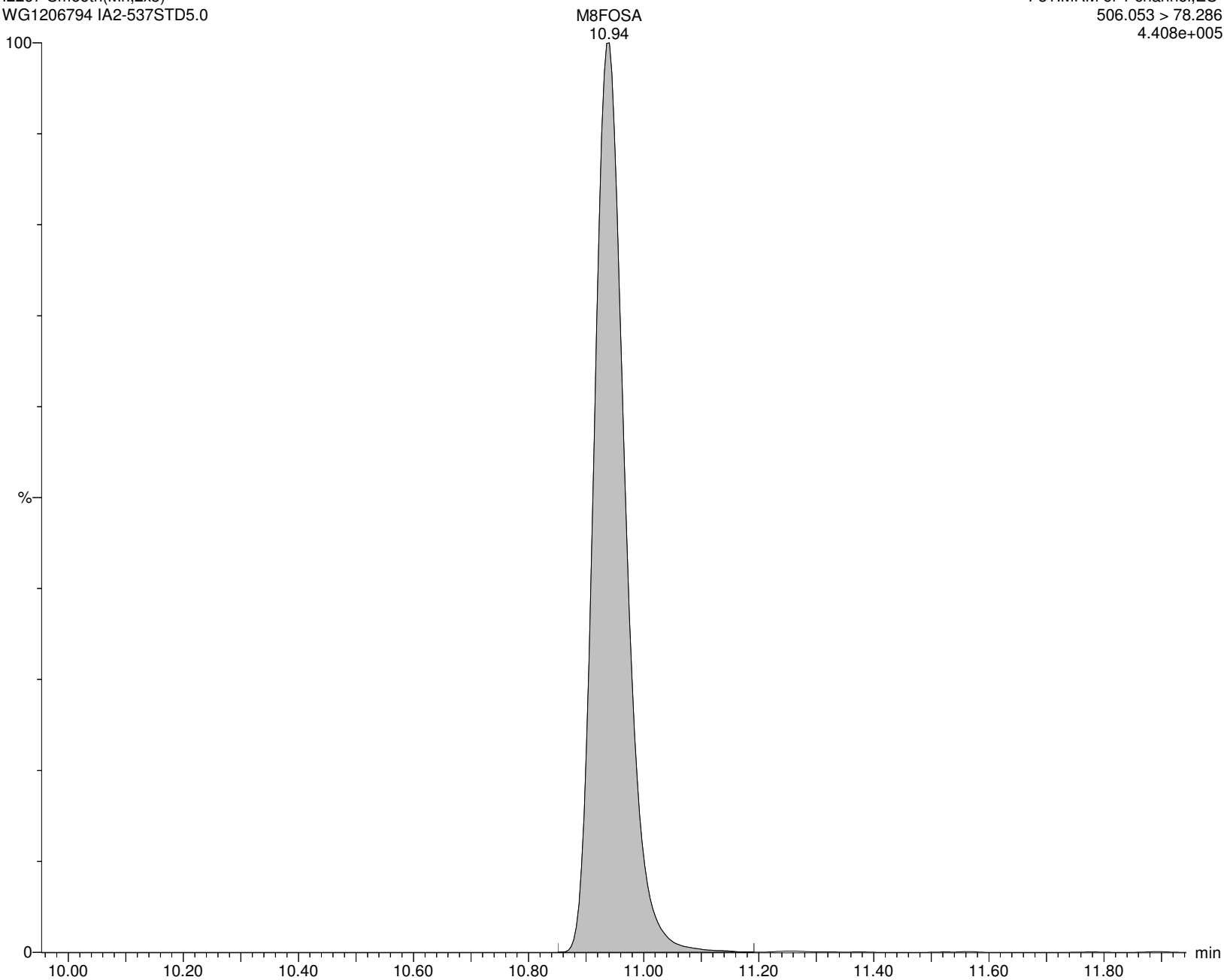
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F31:MRM of 1 channel,ES-

506.053 > 78.286

4.408e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d5-NEtFOSAA

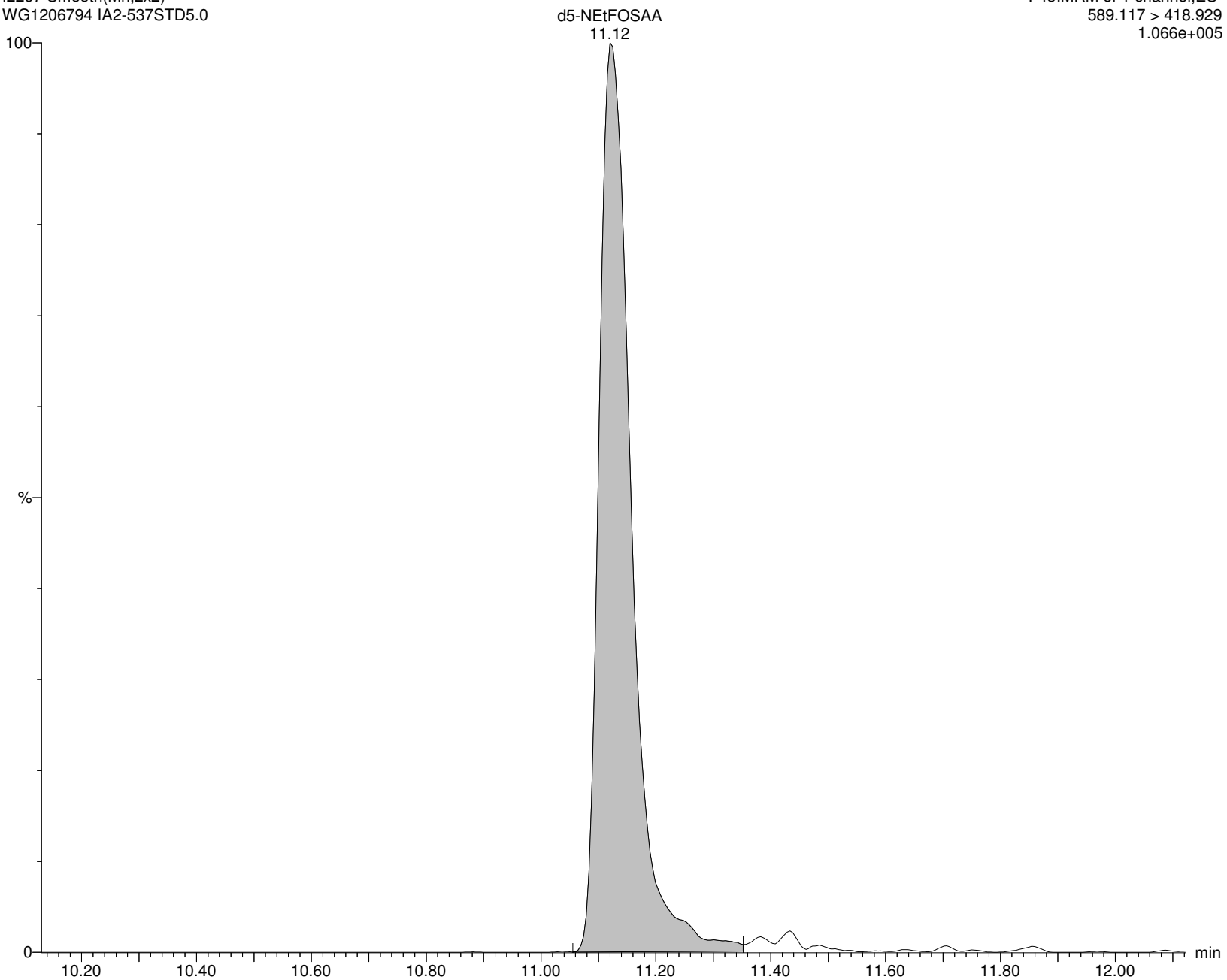
I2267 Smooth(Mn,2x2)

WG1206794 IA2-537STD5.0

F45:MRM of 1 channel,ES-

589.117 > 418.929

1.066e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NEtFOSAA

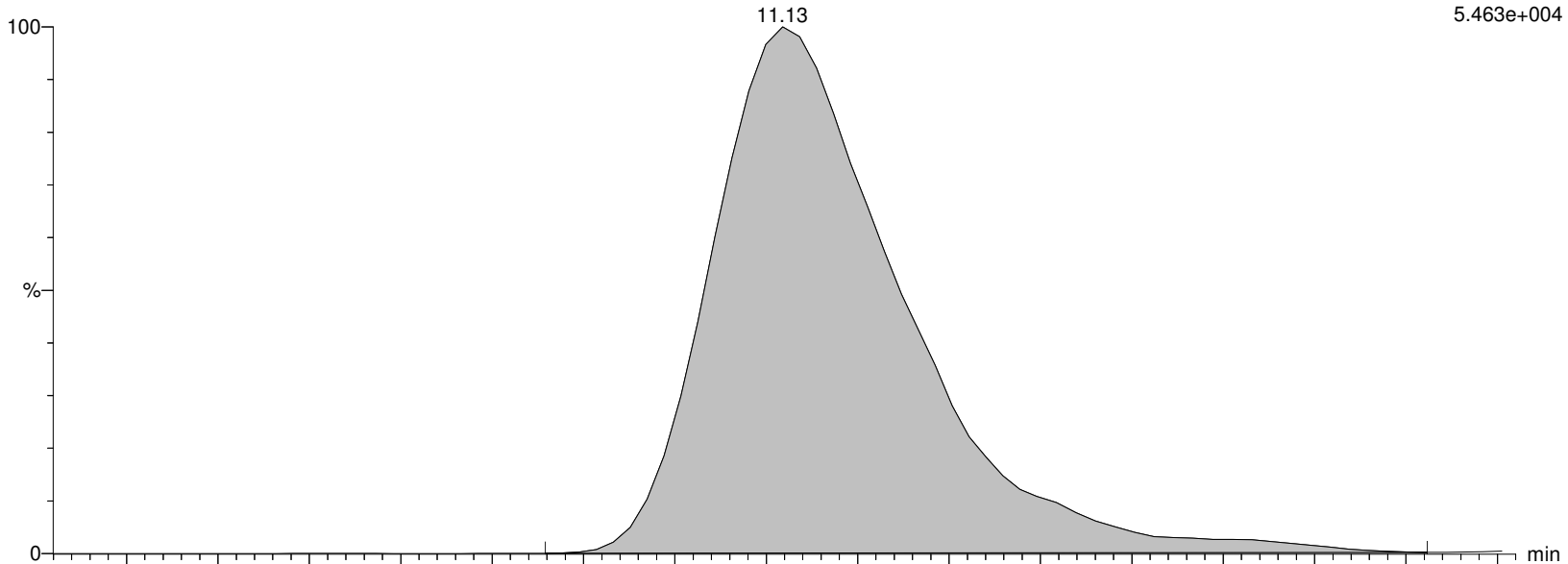
I2267 Smooth(Mn,2x2)

WG1206794 IA2-537STD5.0

F44:MRM of 2 channels,ES-

583.989 > 418.927

5.463e+004



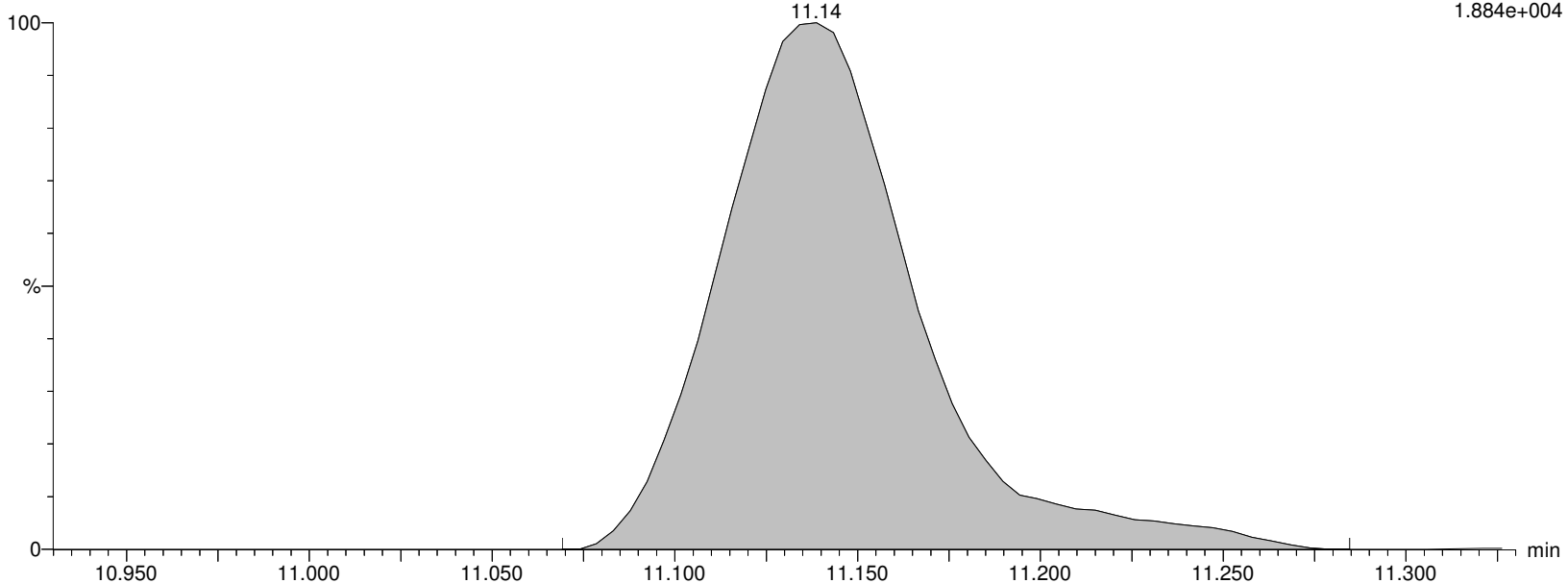
I2267 Smooth(Mn,2x2)

WG1206794 IA2-537STD5.0

F44:MRM of 2 channels,ES-

583.989 > 482.88

1.884e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDoA

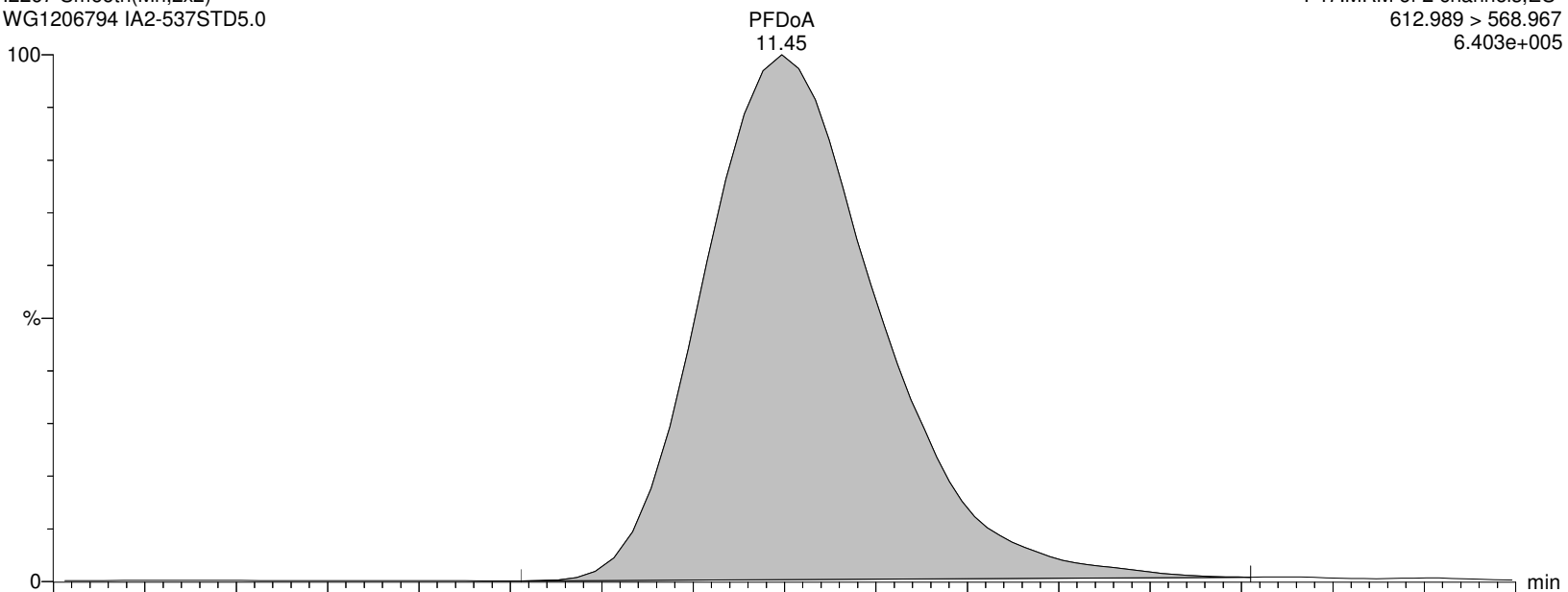
I2267 Smooth(Mn,2x2)

WG1206794 IA2-537STD5.0

F47:MRM of 2 channels,ES-

612.989 > 568.967

6.403e+005



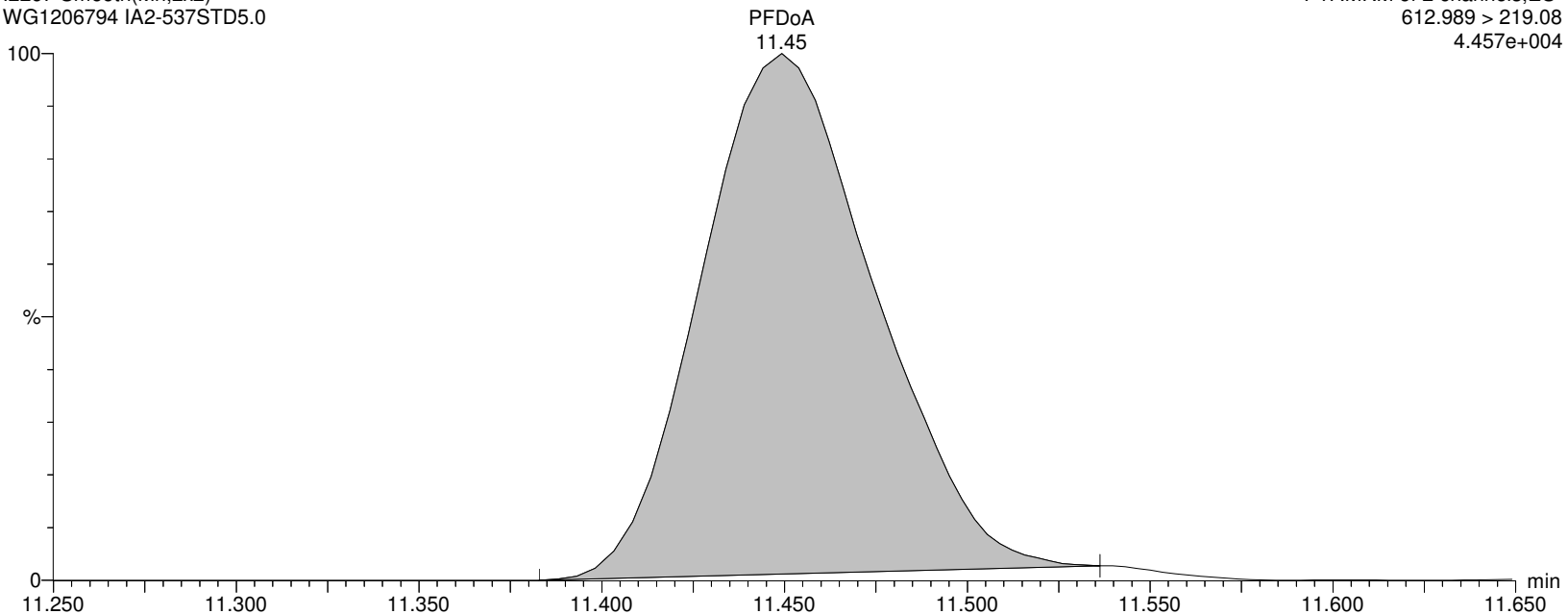
I2267 Smooth(Mn,2x2)

WG1206794 IA2-537STD5.0

F47:MRM of 2 channels,ES-

612.989 > 219.08

4.457e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFDOA

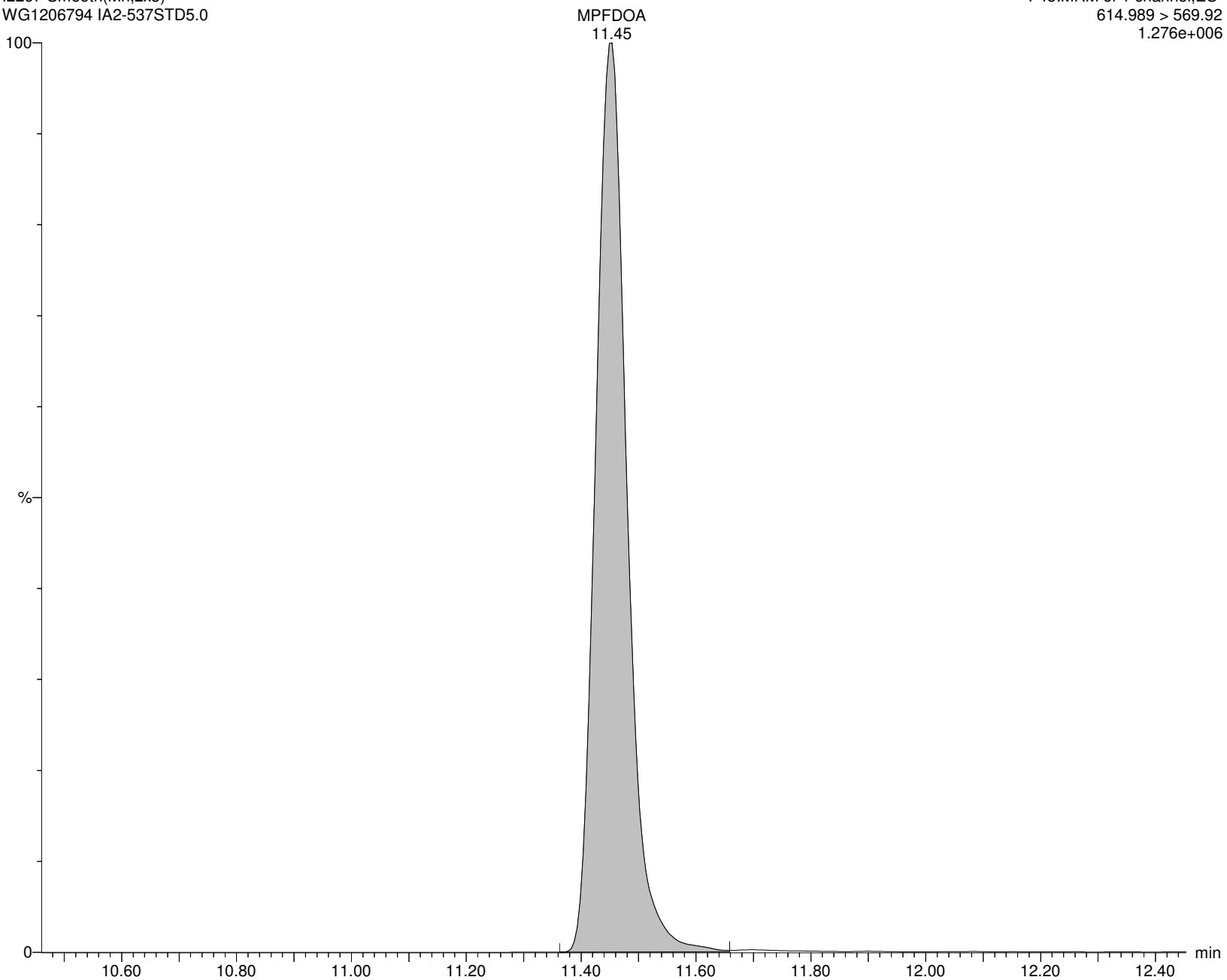
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F48:MRM of 1 channel,ES-

614.989 > 569.92

1.276e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTTrDA

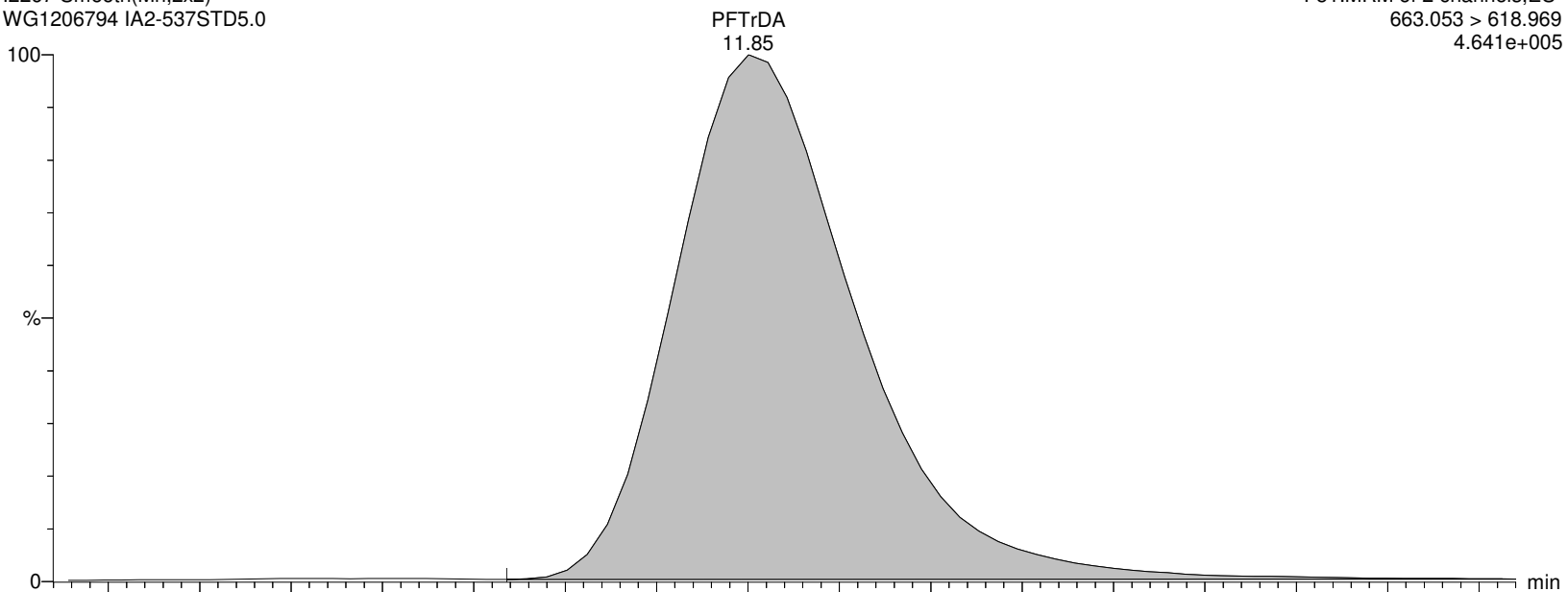
I2267 Smooth(Mn,2x2)

WG1206794 IA2-537STD5.0

F51:MRM of 2 channels,ES-

663.053 > 618.969

4.641e+005



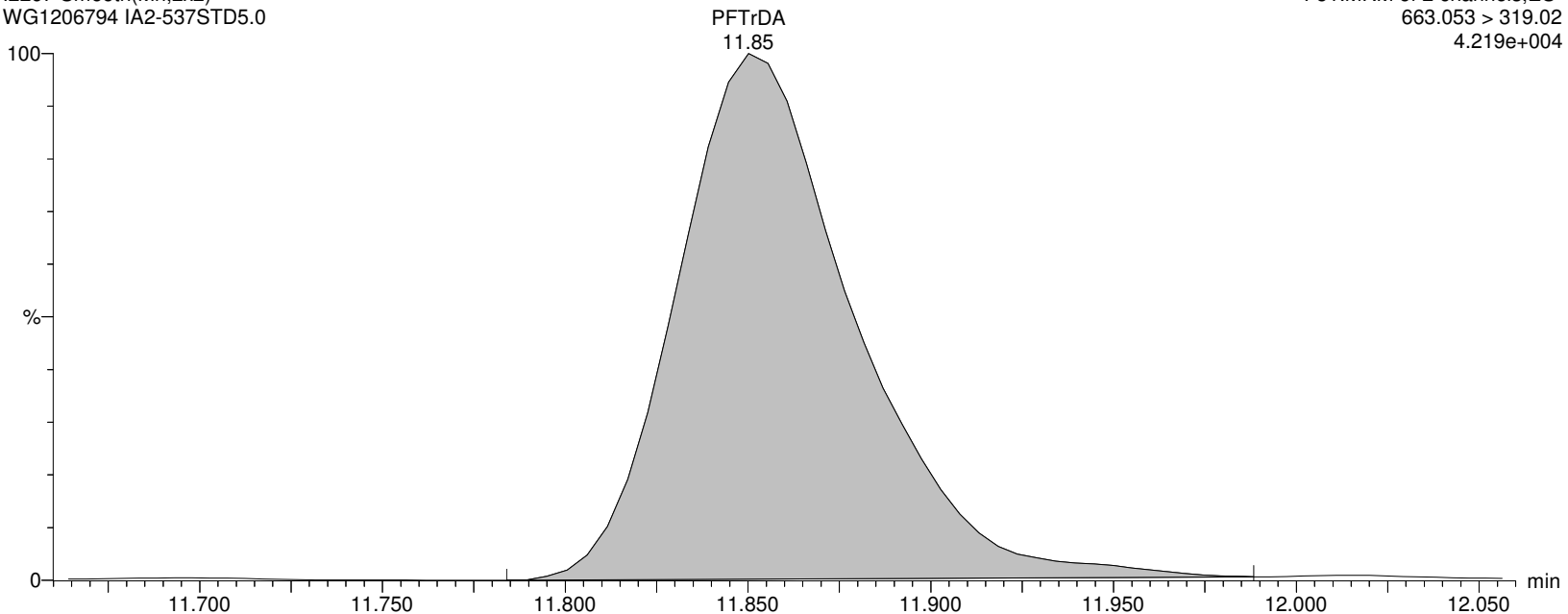
I2267 Smooth(Mn,2x2)

WG1206794 IA2-537STD5.0

F51:MRM of 2 channels,ES-

663.053 > 319.02

4.219e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTA

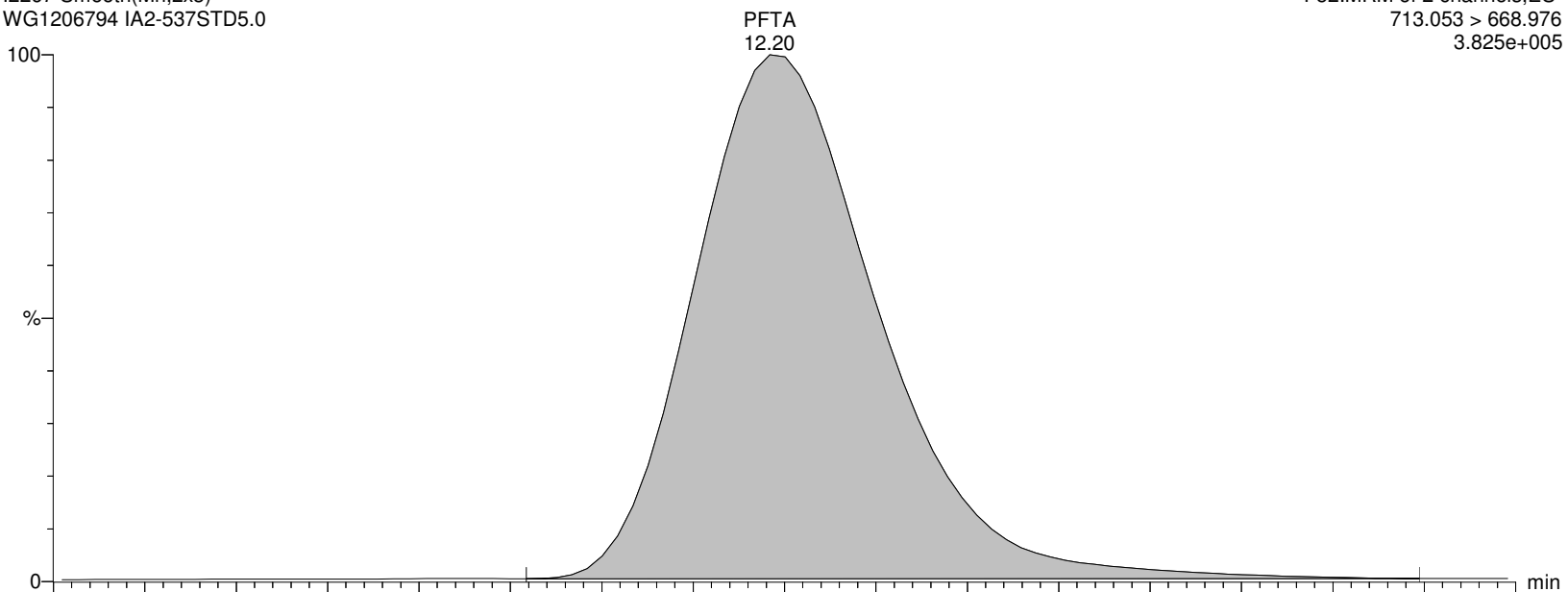
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F52:MRM of 2 channels,ES-

713.053 > 668.976

3.825e+005



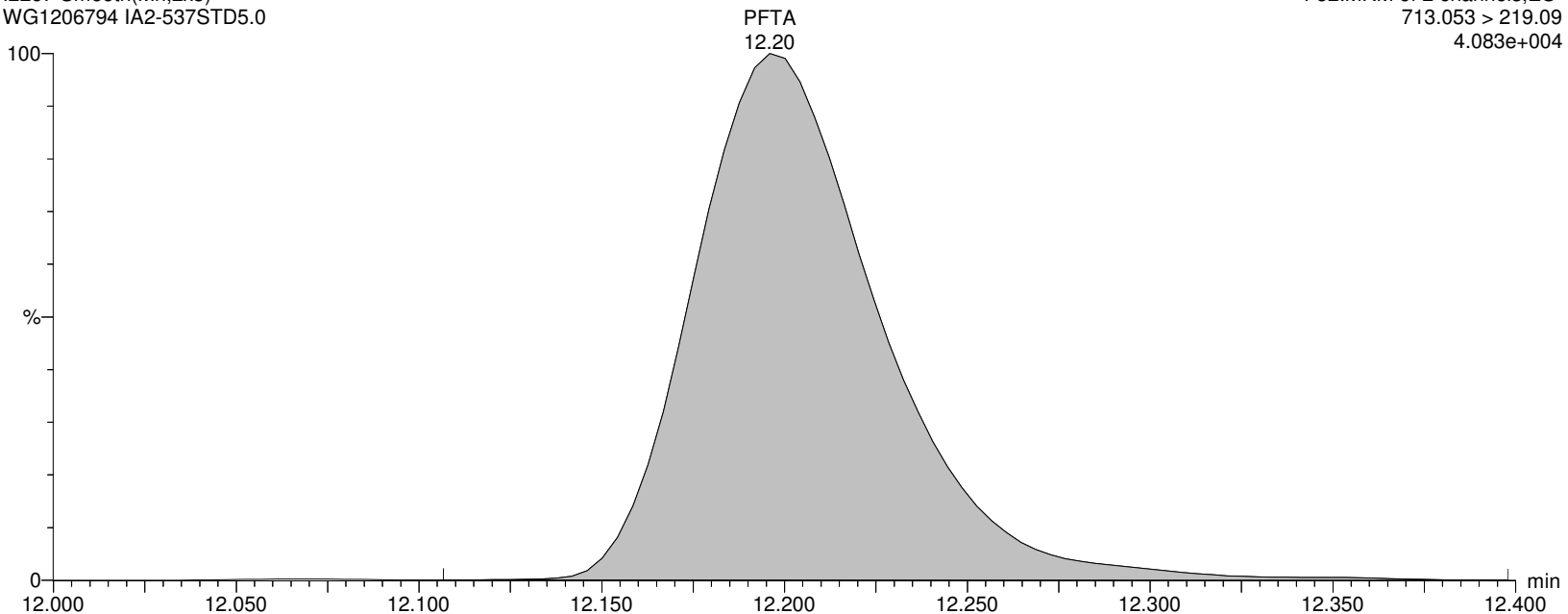
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F52:MRM of 2 channels,ES-

713.053 > 219.09

4.083e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFTEDA

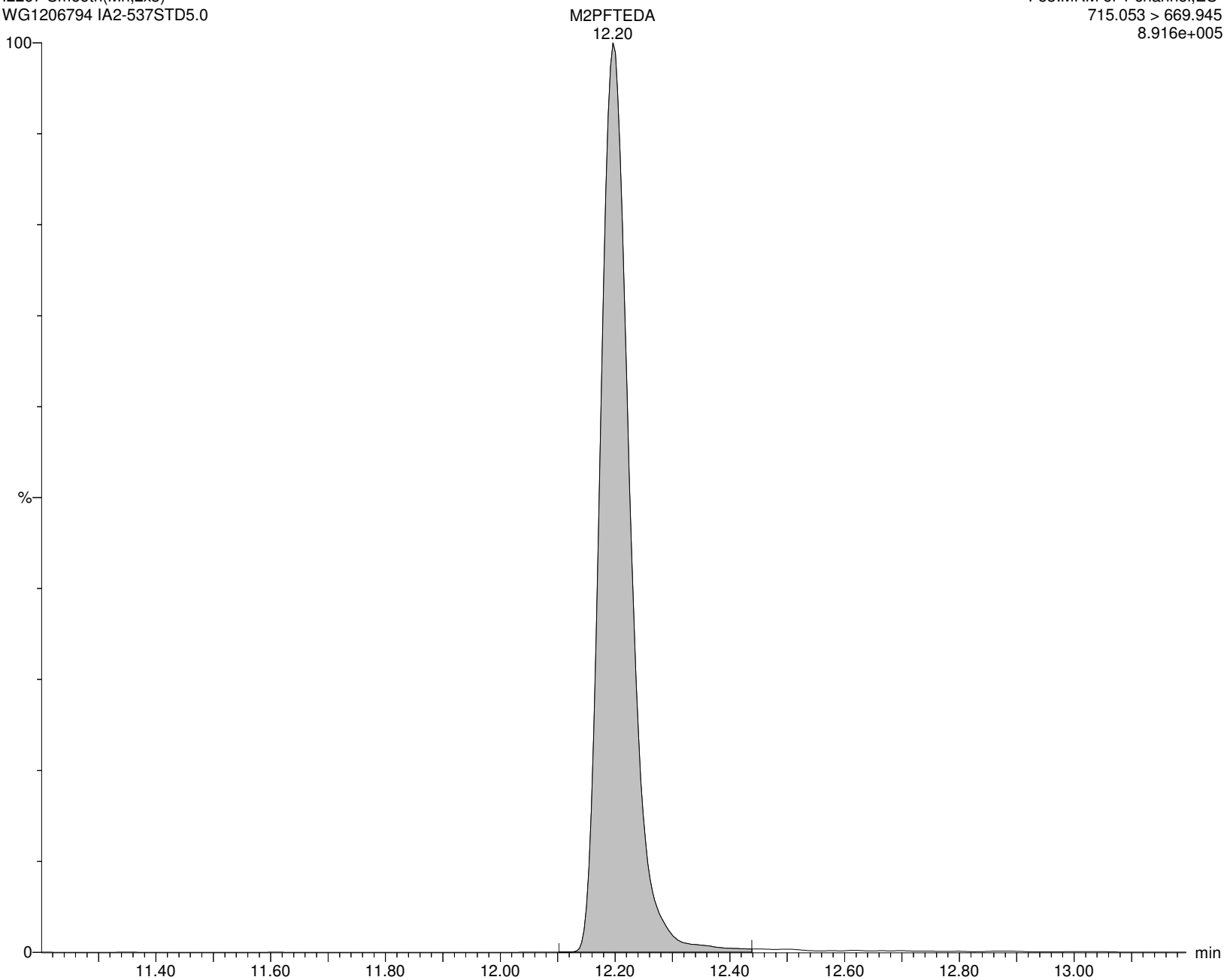
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F53:MRM of 1 channel,ES-

715.053 > 669.945

8.916e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3HFPO-DA

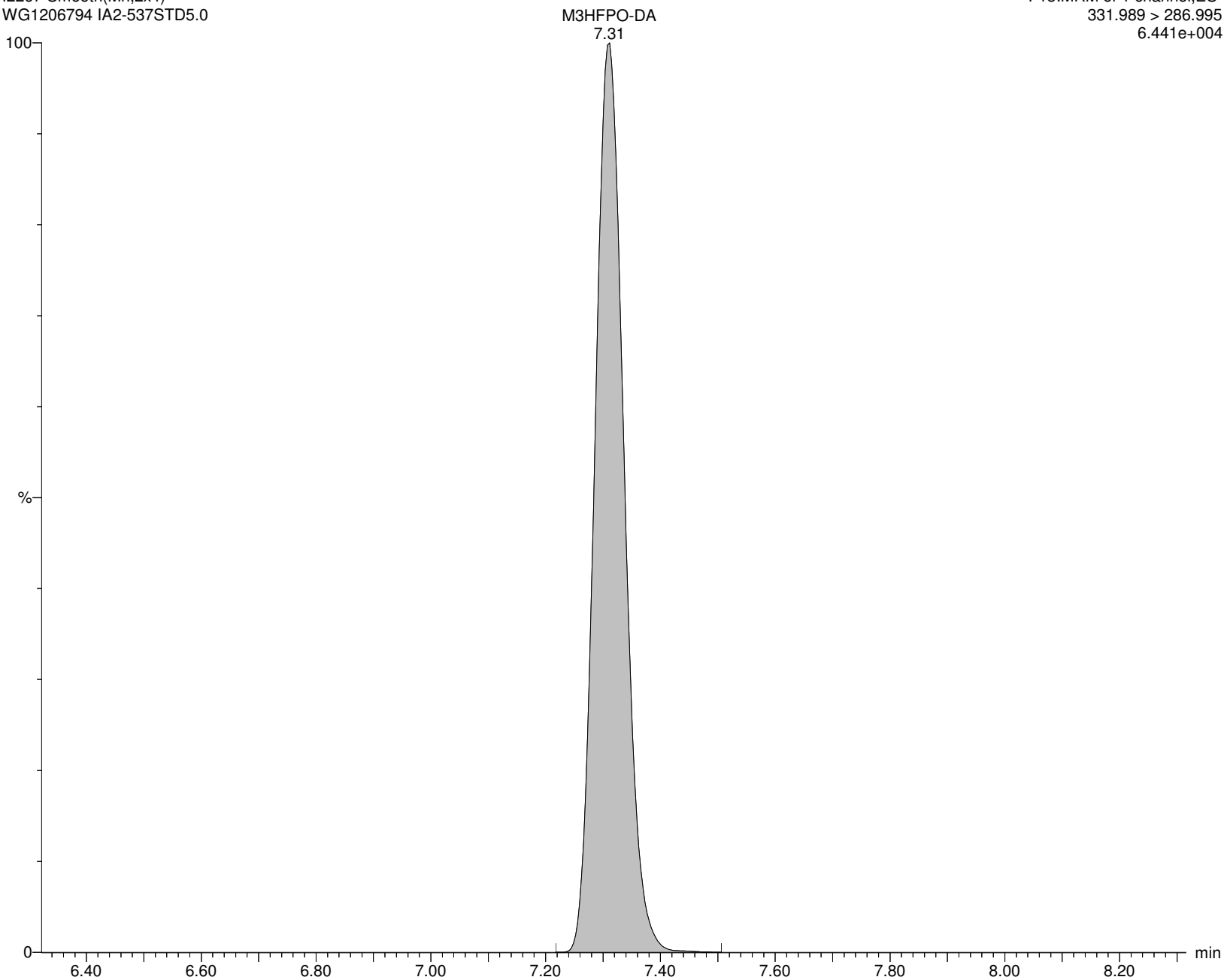
I2267 Smooth(Mn,2x4)

WG1206794 IA2-537STD5.0

F13:MRM of 1 channel,ES-

331.989 > 286.995

6.441e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

HFPO-DA

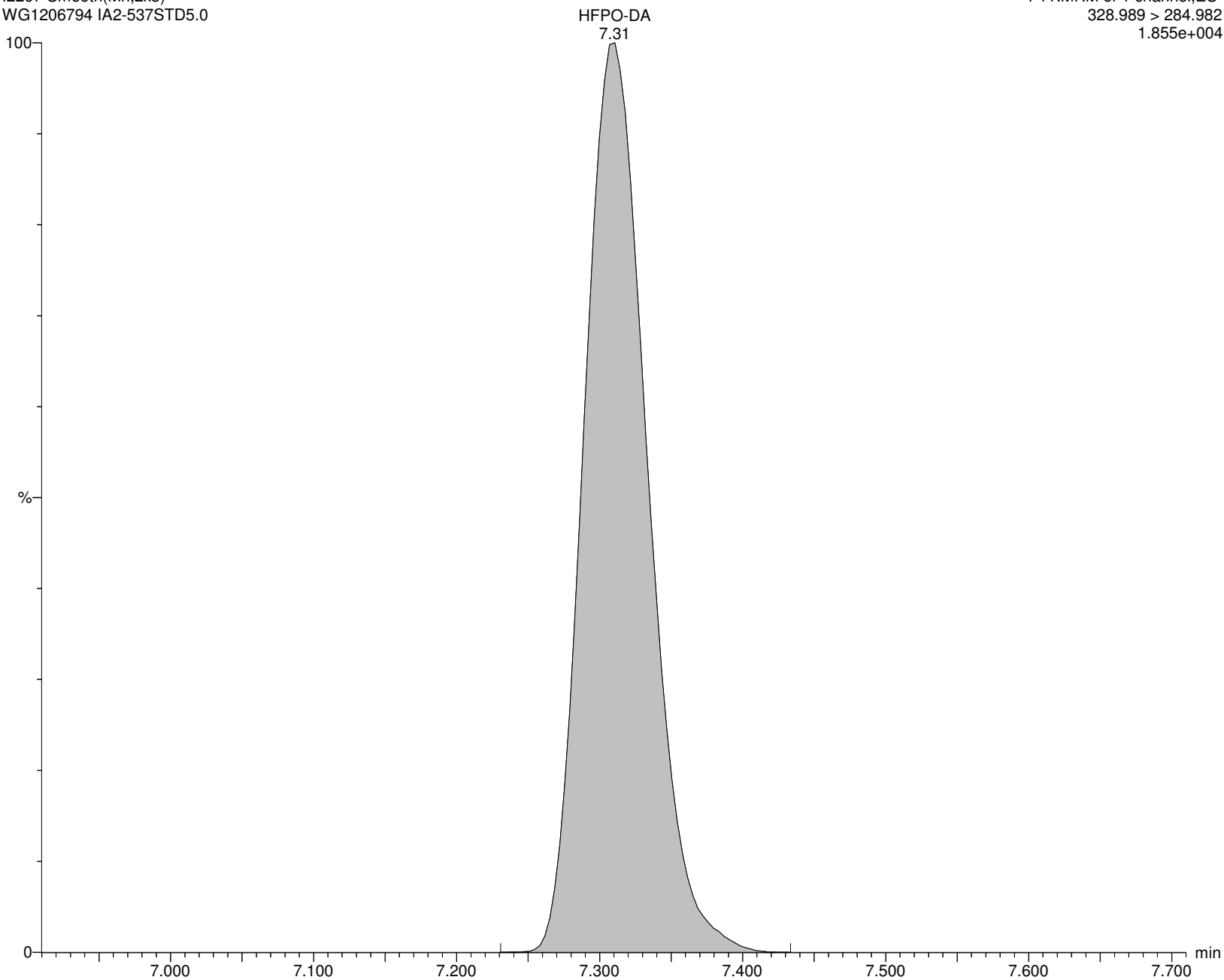
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F11:MRM of 1 channel,ES-

328.989 > 284.982

1.855e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

ADONA

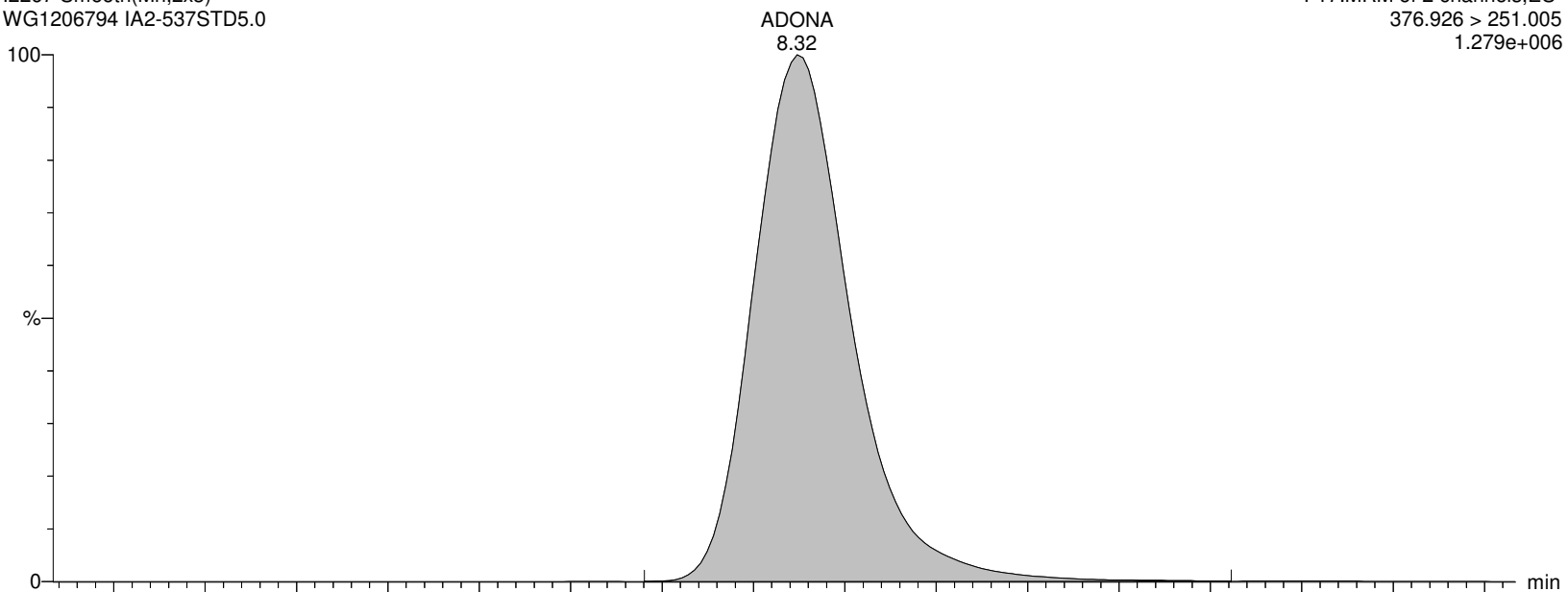
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F17:MRM of 2 channels,ES-

376.926 > 251.005

1.279e+006



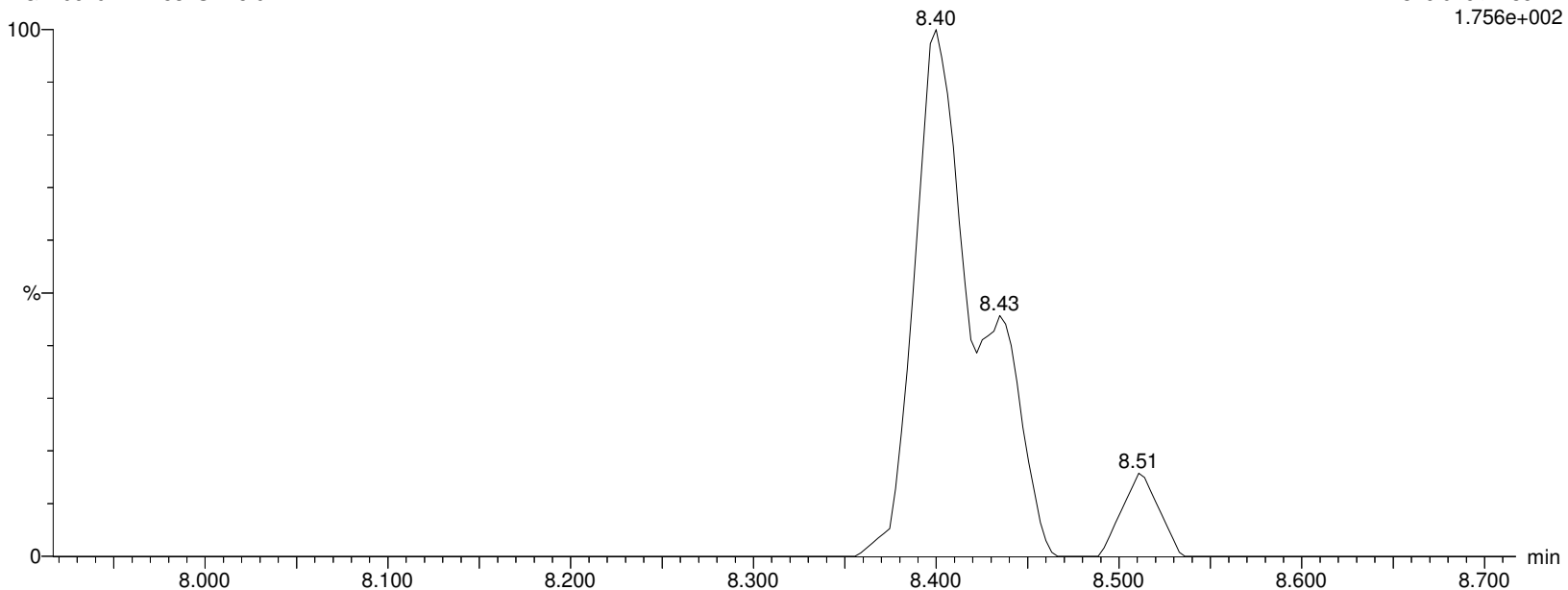
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F17:MRM of 2 channels,ES-

376.926 > 135.12

1.756e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxDA

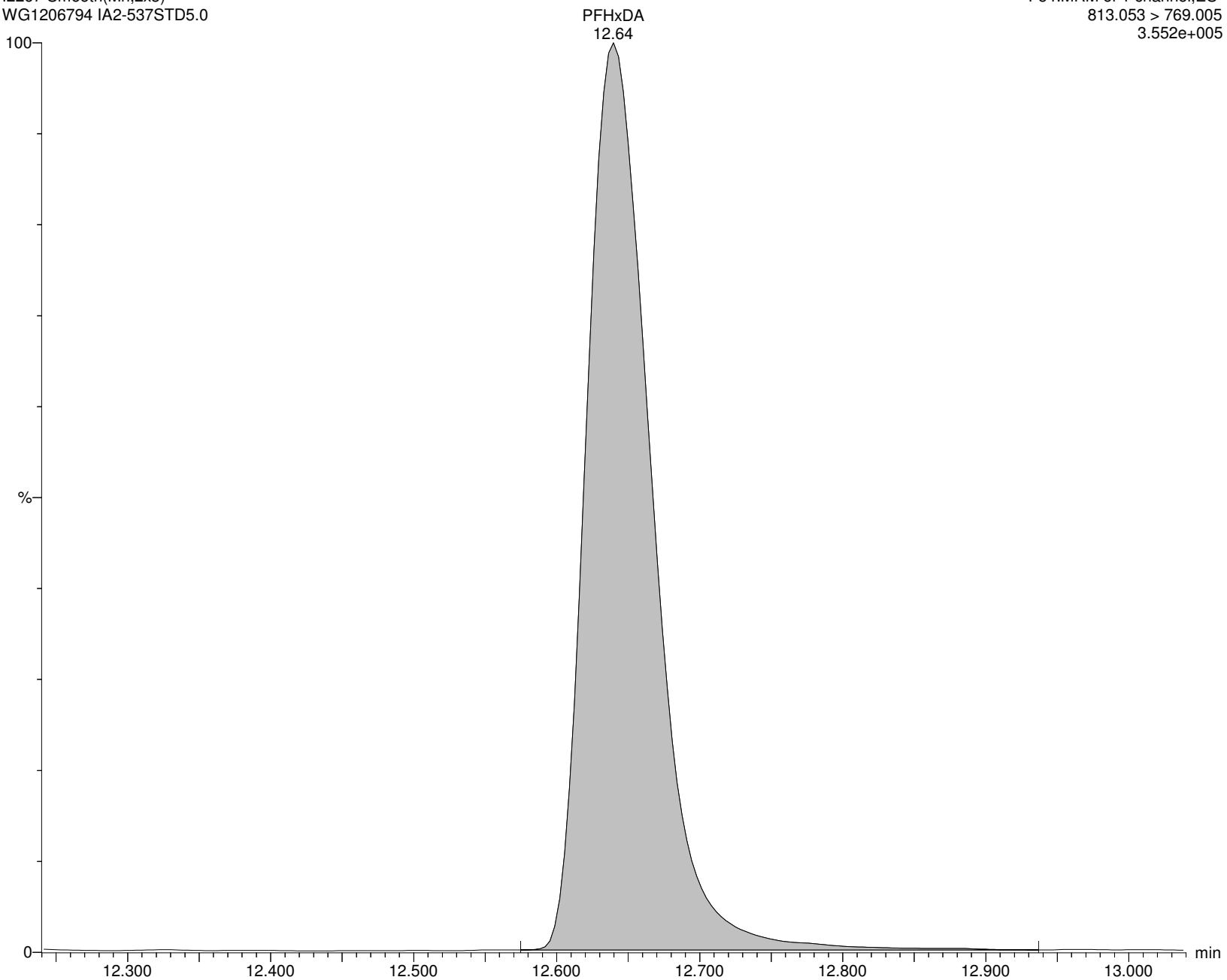
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F54:MRM of 1 channel,ES-

813.053 > 769.005

3.552e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFODA

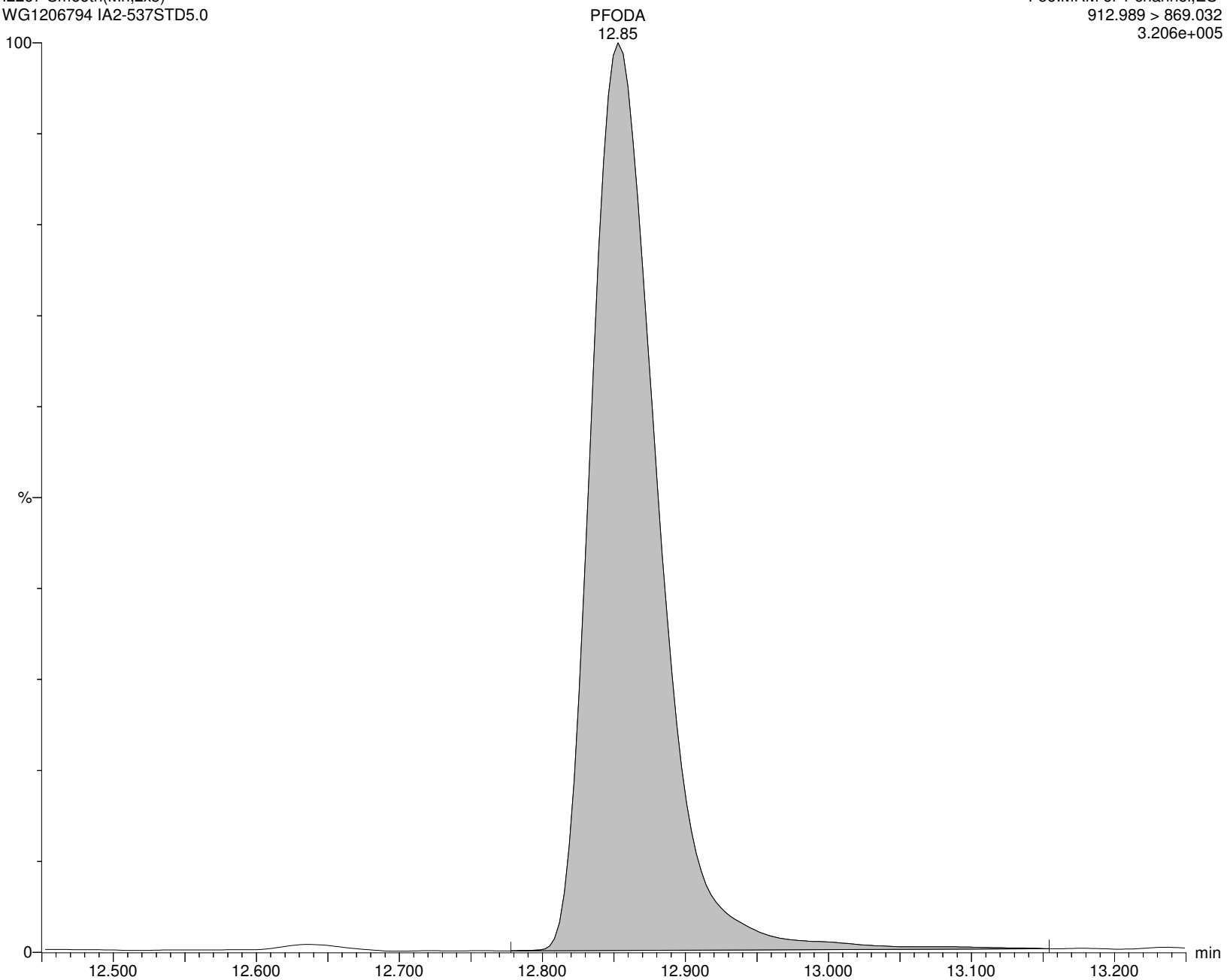
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F56:MRM of 1 channel,ES-

912.989 > 869.032

3.206e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:02 Eastern Standard Time

Name: I2267

ID: IA2-537STD5.0

Date: 14-Feb-2019

Time: 15:50:33

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,4

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFHxDA

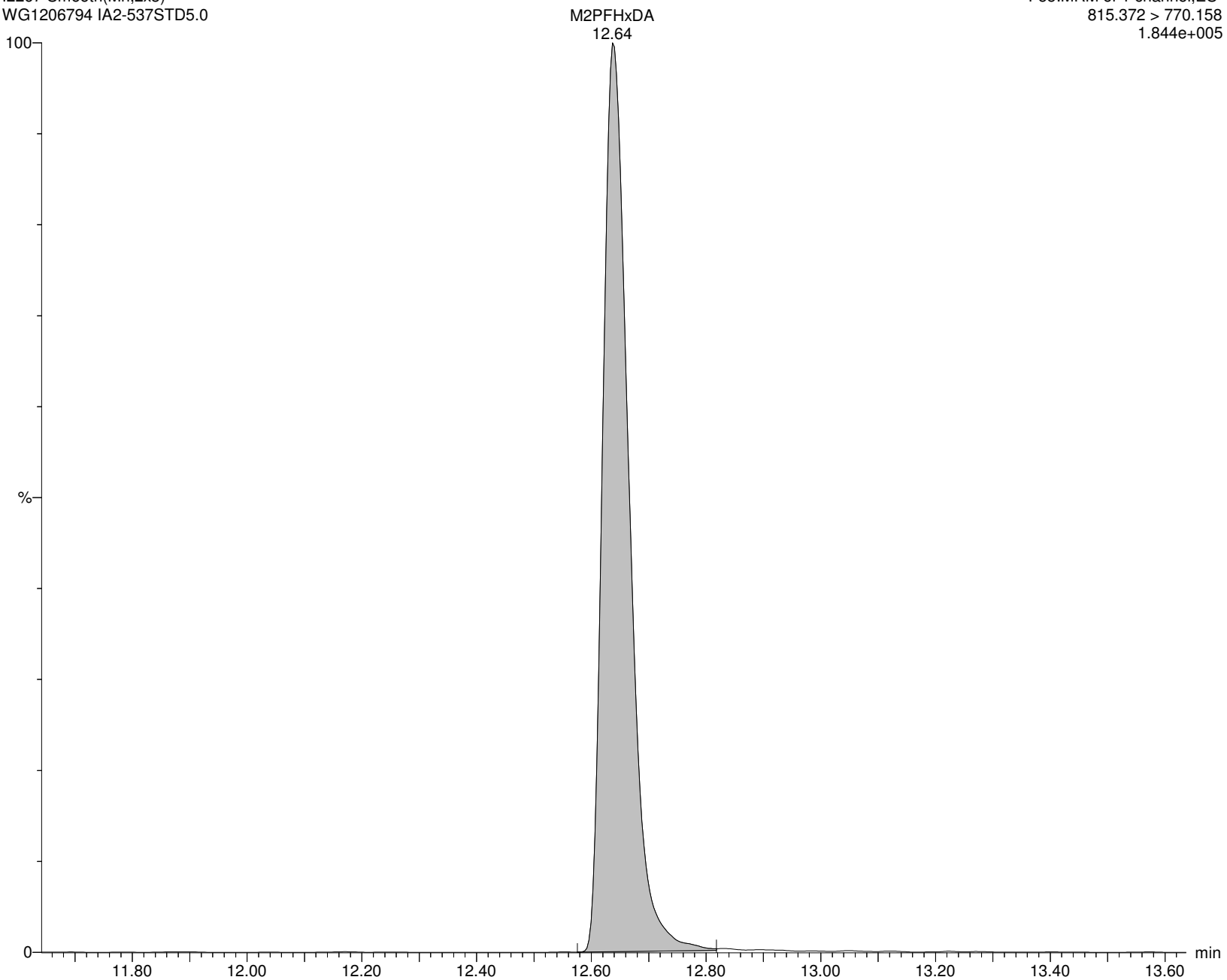
I2267 Smooth(Mn,2x3)

WG1206794 IA2-537STD5.0

F55:MRM of 1 channel,ES-

815.372 > 770.158

1.844e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Method: C:\MassLynx\Data\2019\190214_537ISO.PRO\MethDB\537ISO_Q.mdb 10 Jan 2019 15:42:15

Calibration: C:\MassLynx\Data\2019\190214_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 07:45:17

ID: IA2-537STD010

Name: I2268

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:PB

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.31	212.926 > 169.111	45738		9.565		na	95.7
2	M3PFBA	INT STD	2.31	215.926 > 172.122	51769		10.907		na	109.1
3	MPFBA	INT STD	2.31	216.926 > 172.137	55744		9.967		na	99.7
4	PFPeA	2706-90-3	5.05	262.926 > 219.002	71750		9.327		na	93.3
5	M5PFPEA	INT STD	5.05	267.989 > 223.081	71834		10.325		na	103.3
6	PFBS	375-73-5	5.67	298.989 > 80.295	10904		8.089		na	91.4
7	M3PFBS	INT STD	5.67	301.989 > 80.254	12913		9.915		na	99.2
8	4:2FTS	757124-72-4	6.81	326.926 > 306.957	5992		9.721	2.21	YES	104.0
9	M2-4:2FTS	INT STD	6.80	329.117 > 309.079	5272		8.727		na	87.3
10	PFHxA	307-24-4	6.89	312.989 > 269.028	87358		9.383	17.24	NO	93.8
11	M5PFHxA	INT STD	6.89	317.989 > 273.045	91944		10.052		na	100.5
12	PFPeS	2706-91-4	7.19	348.926 > 80.251	12333		9.115	1.95	NO	97.0
13	PFHpA	375-85-9	8.15	362.926 > 319.014	110205		9.385	5.48	NO	93.9
14	M4PFHpA	INT STD	8.15	366.926 > 321.979	117293		9.927		na	99.3
15	br-PFHxS	355-46-4	8.07	398.926 > 80.295	1905		1.616	2.18	YES	95.1
16	L-PFHxS	355-46-4	8.30	398.926 > 80.295	8988		7.024	1.52	NO	94.9
17	PFHxS	355-46-4		398.926 > 80.295	10893		8.640		na	
18	M3PFHxS	INT STD	8.30	401.926 > 80.317	9245		10.029		na	100.3
19	br-PFOA	335-67-1		412.989 > 368.9			ND		YES	
20	L-PFOA	335-67-1	9.08	412.989 > 368.9	107240		9.575	10.07	NO	95.8
21	M2PFOA	INT STD	9.08	415.032 > 369.968	110015		11.109		na	111.1
22	PFOA	335-67-1		412.989 > 368.9	107240		9.575		na	
23	M8PFOA	INT STD	9.08	420.989 > 375.979	104749		9.914		na	99.1
24	6:2FTS	27619-97-2	9.04	426.989 > 406.921	4790		9.565		na	100.7
25	M2-6:2FTS	INT STD	9.03	428.989 > 408.917	5117		8.432		na	84.3
26	PFHpS	375-92-8	9.17	448.926 > 80.257	6342		8.396	0.93	YES	88.4
27	PFNA	375-95-1	9.83	462.989 > 418.931	88713		9.547	4.64	NO	95.5
28	M9PFNA	INT STD	9.83	472.053 > 426.947	100428		9.996		na	100.0
29	br-PFOS	1763-23-1	9.69	498.989 > 80.294	2601		1.747	7.10	NO	87.3
30	L-PFOS	1763-23-1	9.88	498.989 > 80.294	7883		6.261	1.69	NO	85.8
31	PFOS	1763-23-1		498.989 > 80.294	10484		8.007		na	
32	M4PFOS	INT STD	9.88	503.032 > 80.306	10470		11.323		na	113.2
33	M8PFOS	INT STD	9.88	507.053 > 80.294	11005		10.454		na	104.5
34	PFDA	335-76-2	10.46	513.053 > 468.906	79941		9.195	6.65	NO	92.0
35	M2PFDA	INT STD	10.46	515.053 > 469.934	87811		11.641		na	116.4
36	M6PFDA	INT STD	10.46	519.053 > 473.931	93767		9.977		na	99.8
37	8:2FTS	39108-34-4	10.44	526.989 > 506.946	3213		8.774		na	91.4
38	M2-8:2FTS	INT STD	10.44	529.053 > 508.945	3276		9.807		na	98.1
39	PFNS	68259-12-1	10.48	548.989 > 80.249	9027		9.556	1.40	NO	99.5

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

ID: IA2-537STD010

Name: I2268

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:PB

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.84	573.096 > 418.987	8037		8.993		na	89.9
41	NMeFOSAA	2355-31-9	10.84	570.053 > 418.917	8520		10.253		na	102.5
42	PfUnA	2058-94-8	10.98	562.989 > 518.903	81284		9.158	7.70	NO	91.6
43	M7-PFUDA	INT STD	10.98	570.053 > 524.923	81736		10.370		na	103.7
44	PFDS	335-77-3	10.99	598.926 > 80.314	9049		10.244	1.38	NO	106.2
45	FOSA	754-91-6	10.94	497.989 > 78.245	27297		9.426		na	94.3
46	M8FOSA	INT STD	10.94	506.053 > 78.286	28093		9.518		na	95.2
47	d5-NEtFOSAA	INT STD	11.13	589.117 > 418.929	7258		8.975		na	89.8
48	NEtFOSAA	2991-50-6	11.14	583.989 > 418.927	7384		9.397	2.85	YES	94.0
49	PFDoA	307-55-1	11.45	612.989 > 568.967	78792		9.948	14.60	NO	99.5
50	MPFDOA	INT STD	11.45	614.989 > 569.92	87095		9.630		na	96.3
51	PFTTrDA	72629-94-8	11.85	663.053 > 618.969	60241		10.129	10.98	NO	101.3
52	PFTA	376-06-7	12.20	713.053 > 668.976	55472		9.777	8.98	NO	97.8
53	M2PFTEDA	INT STD	12.20	715.053 > 669.945	67082		11.140		na	111.4
54	M3HFPO-DA	INT STD	7.31	331.989 > 286.995	4892		93.266		na	46.6
55	HFPO-DA	13252-13-6	7.31	328.989 > 284.982	2382		176.936		na	88.5
56	ADONA	958445-44-8	8.32	376.926 > 251.005	163679		9.174		YES	97.0
57	PFHxDA		12.64	813.053 > 769.005	58559		9.708		na	97.1
58	PFODA		12.86	912.989 > 869.032	54755		9.501		na	95.0
59	M2PFHxDA		12.64	815.372 > 770.158	15297		13.288		na	132.9

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Method: C:\MassLynx\Data\2019\190214_537ISO.PRO\MethDB\537ISO_Q.mdb 10 Jan 2019 15:42:15

Calibration: C:\MassLynx\Data\2019\190214_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 07:45:17

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBA

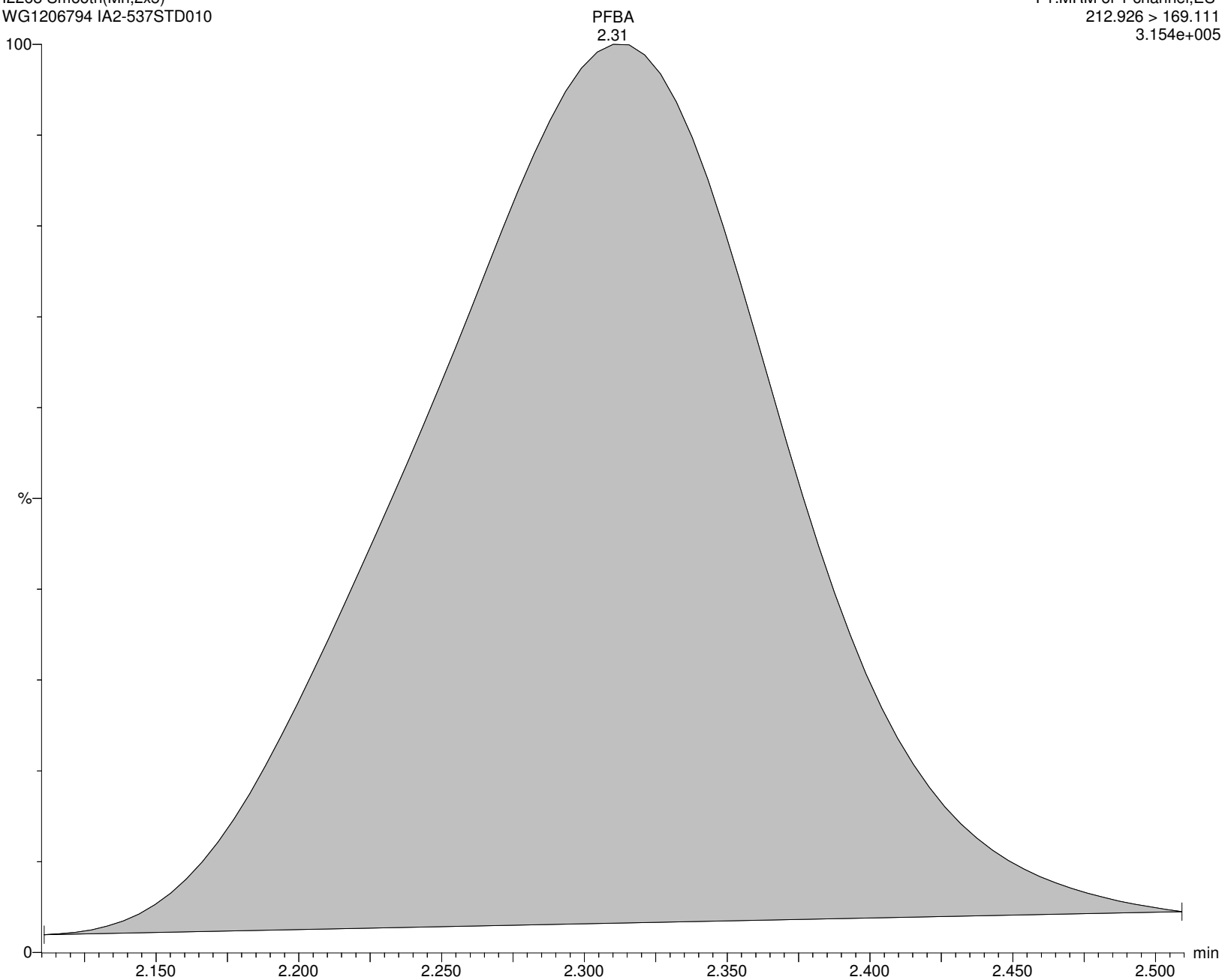
I2268 Smooth(Mn,2x5)

WG1206794 IA2-537STD010

F1:MRM of 1 channel,ES-

212.926 > 169.111

3.154e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBA

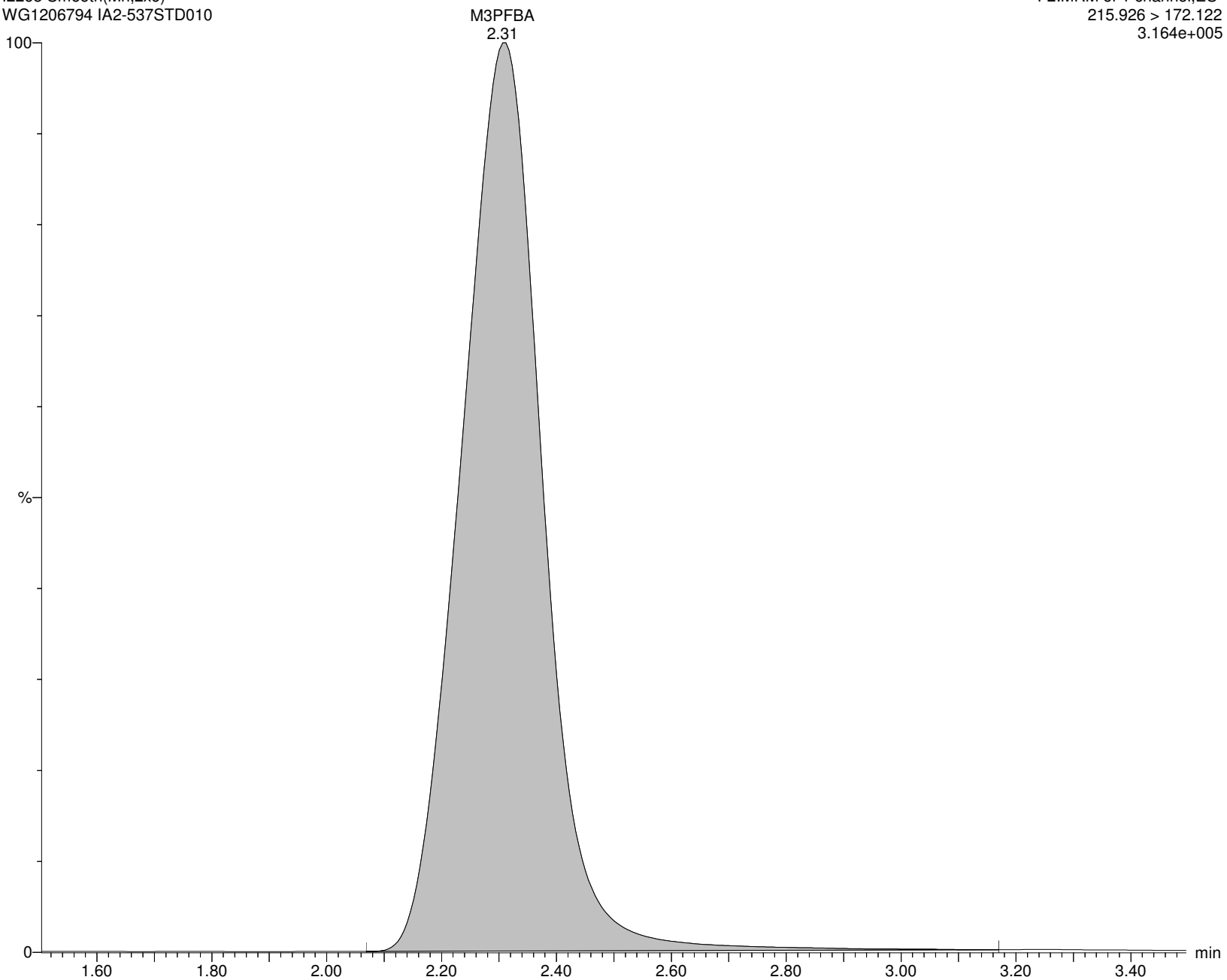
I2268 Smooth(Mn,2x6)

WG1206794 IA2-537STD010

F2:MRM of 1 channel,ES-

215.926 > 172.122

3.164e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFBA

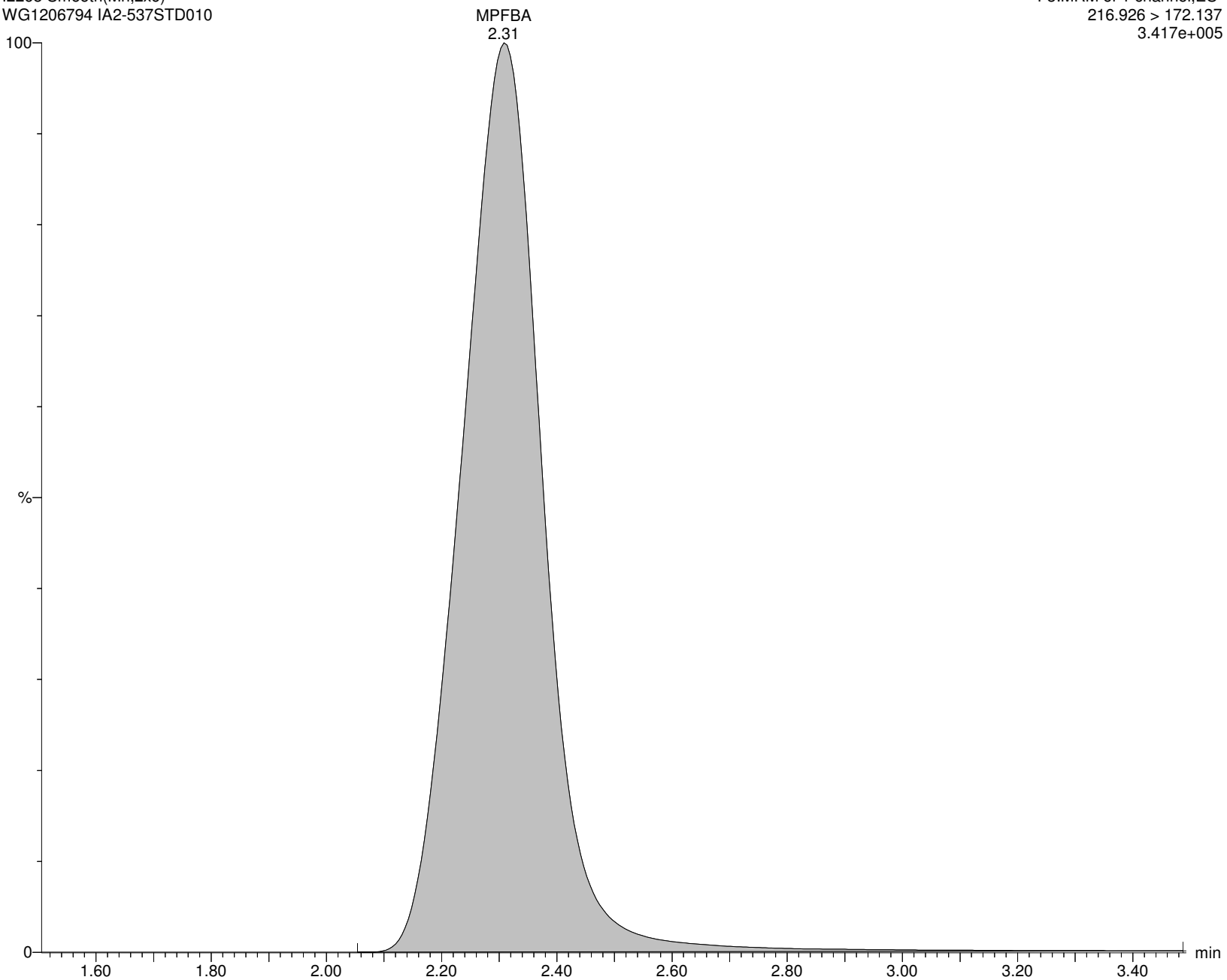
I2268 Smooth(Mn,2x6)

WG1206794 IA2-537STD010

F3:MRM of 1 channel,ES-

216.926 > 172.137

3.417e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeA

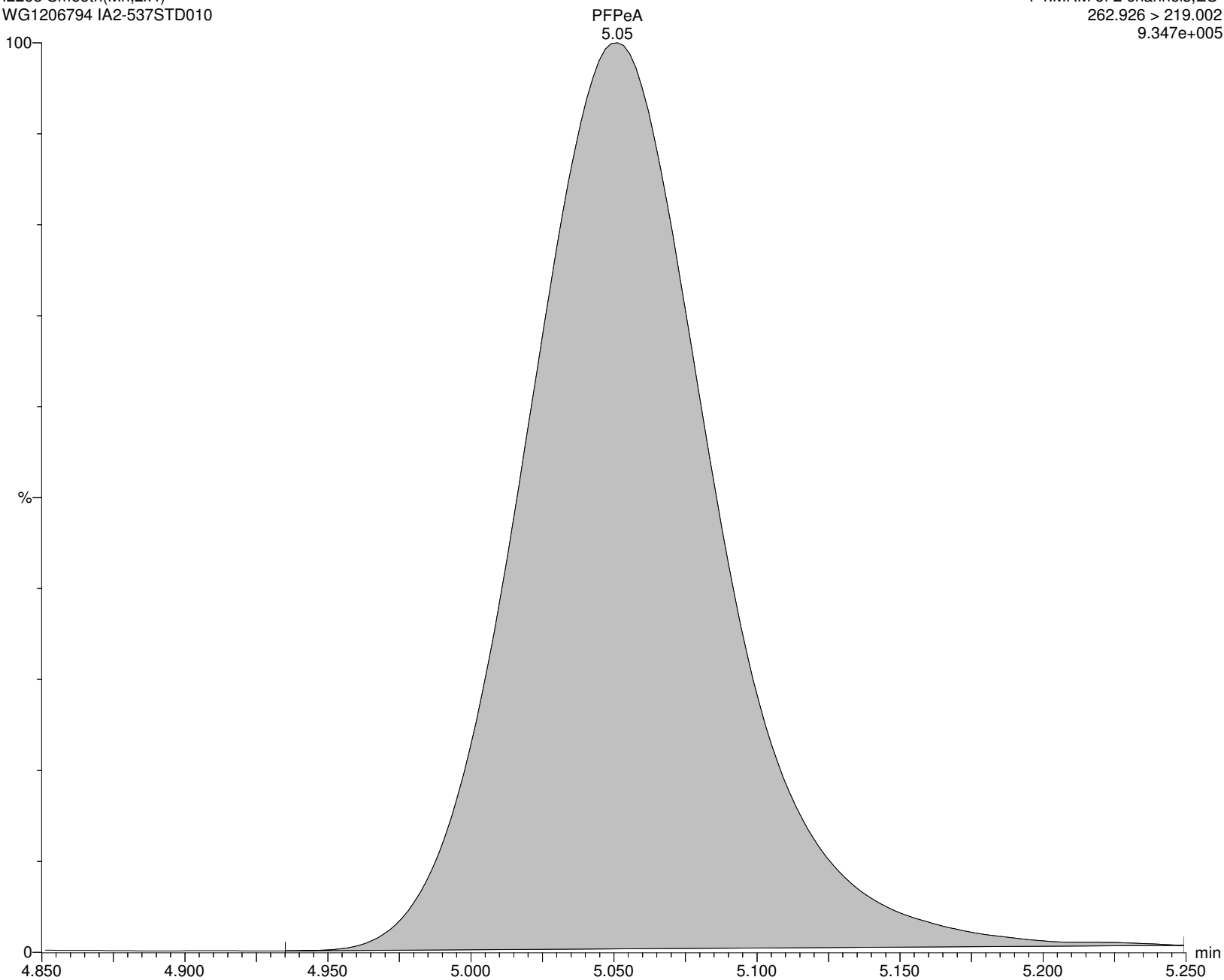
I2268 Smooth(Mn,2x4)

WG1206794 IA2-537STD010

F4:MRM of 2 channels,ES-

262.926 > 219.002

9.347e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFPEA

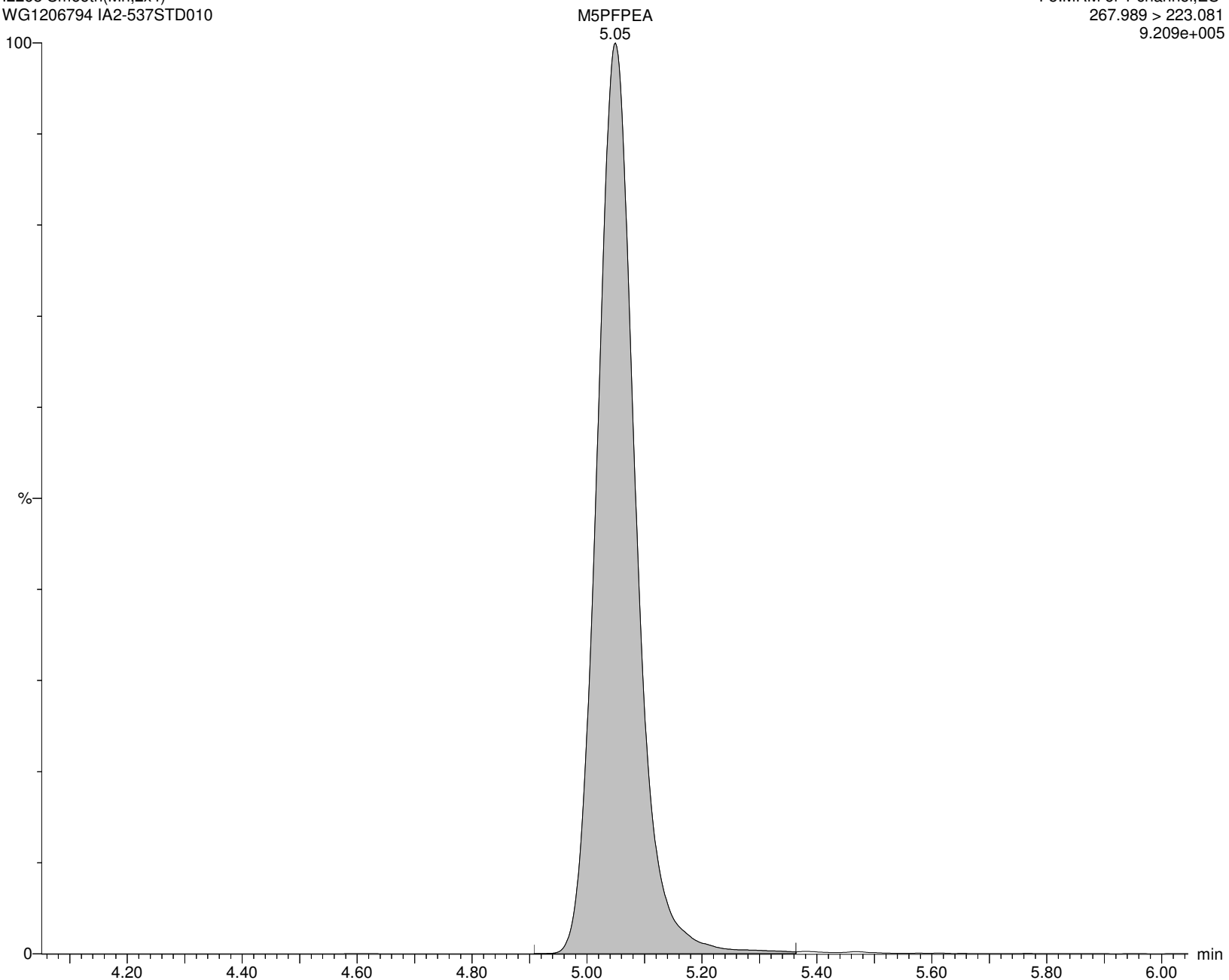
I2268 Smooth(Mn,2x4)

WG1206794 IA2-537STD010

F5:MRM of 1 channel,ES-

267.989 > 223.081

9.209e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBS

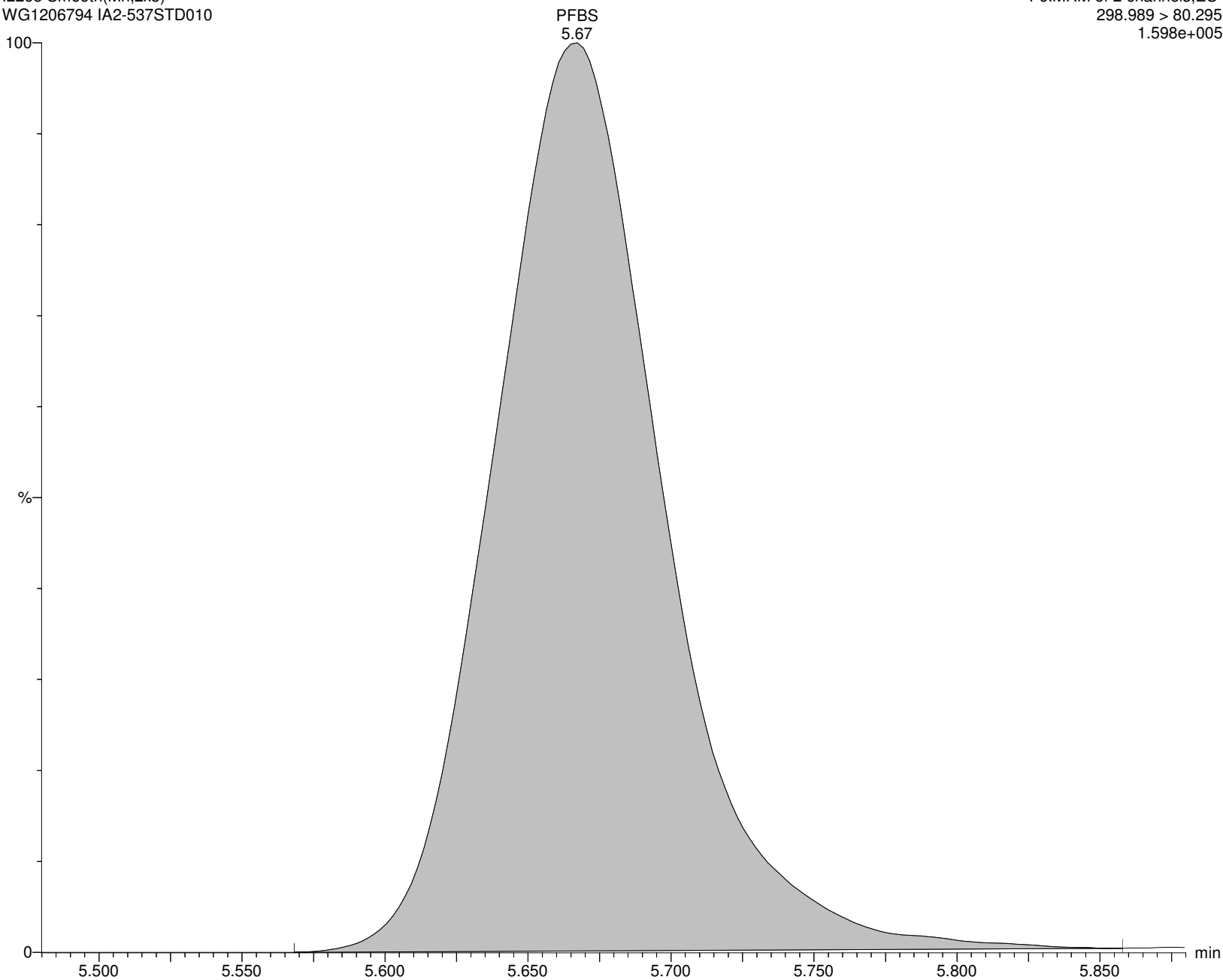
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F6:MRM of 2 channels,ES-

298.989 > 80.295

1.598e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBS

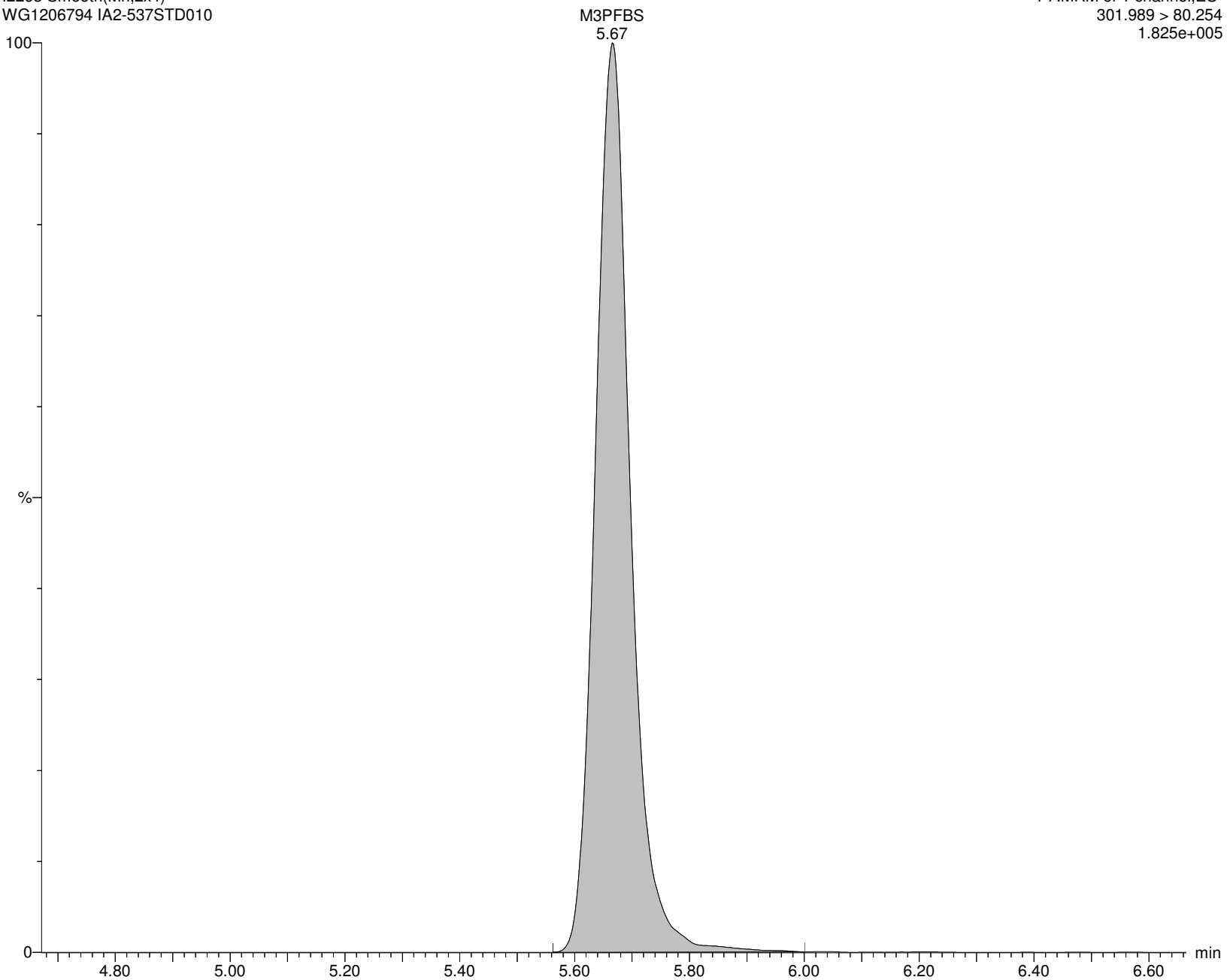
I2268 Smooth(Mn,2x4)

WG1206794 IA2-537STD010

F7:MRM of 1 channel,ES-

301.989 > 80.254

1.825e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

4:2FTS

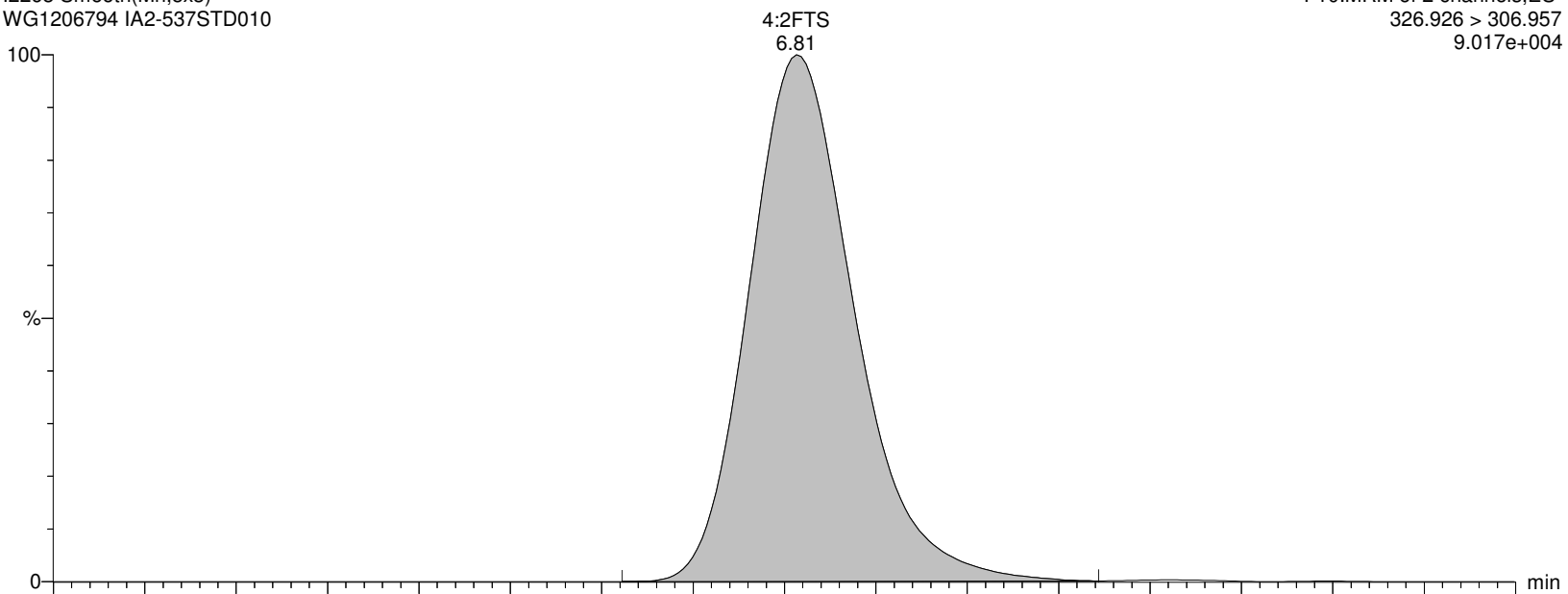
I2268 Smooth(Mn,5x3)

WG1206794 IA2-537STD010

F10:MRM of 2 channels,ES-

326.926 > 306.957

9.017e+004



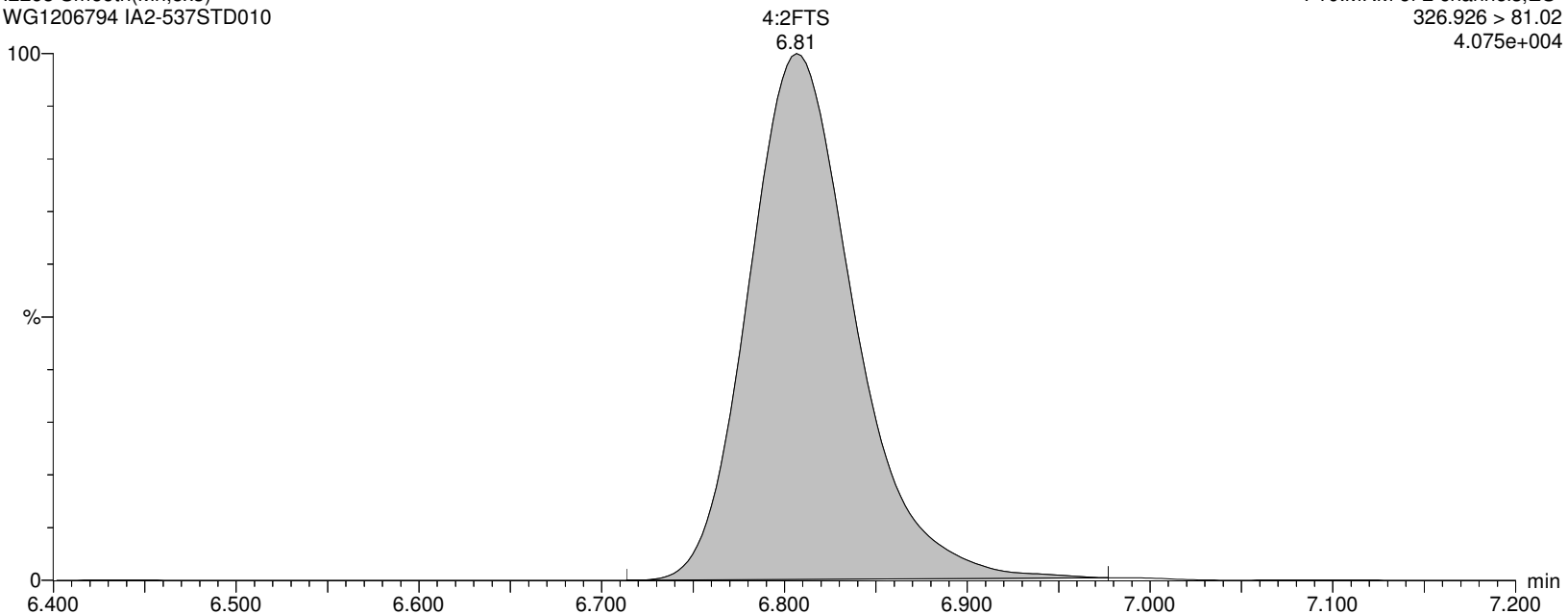
I2268 Smooth(Mn,5x3)

WG1206794 IA2-537STD010

F10:MRM of 2 channels,ES-

326.926 > 81.02

4.075e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-4:2FTS

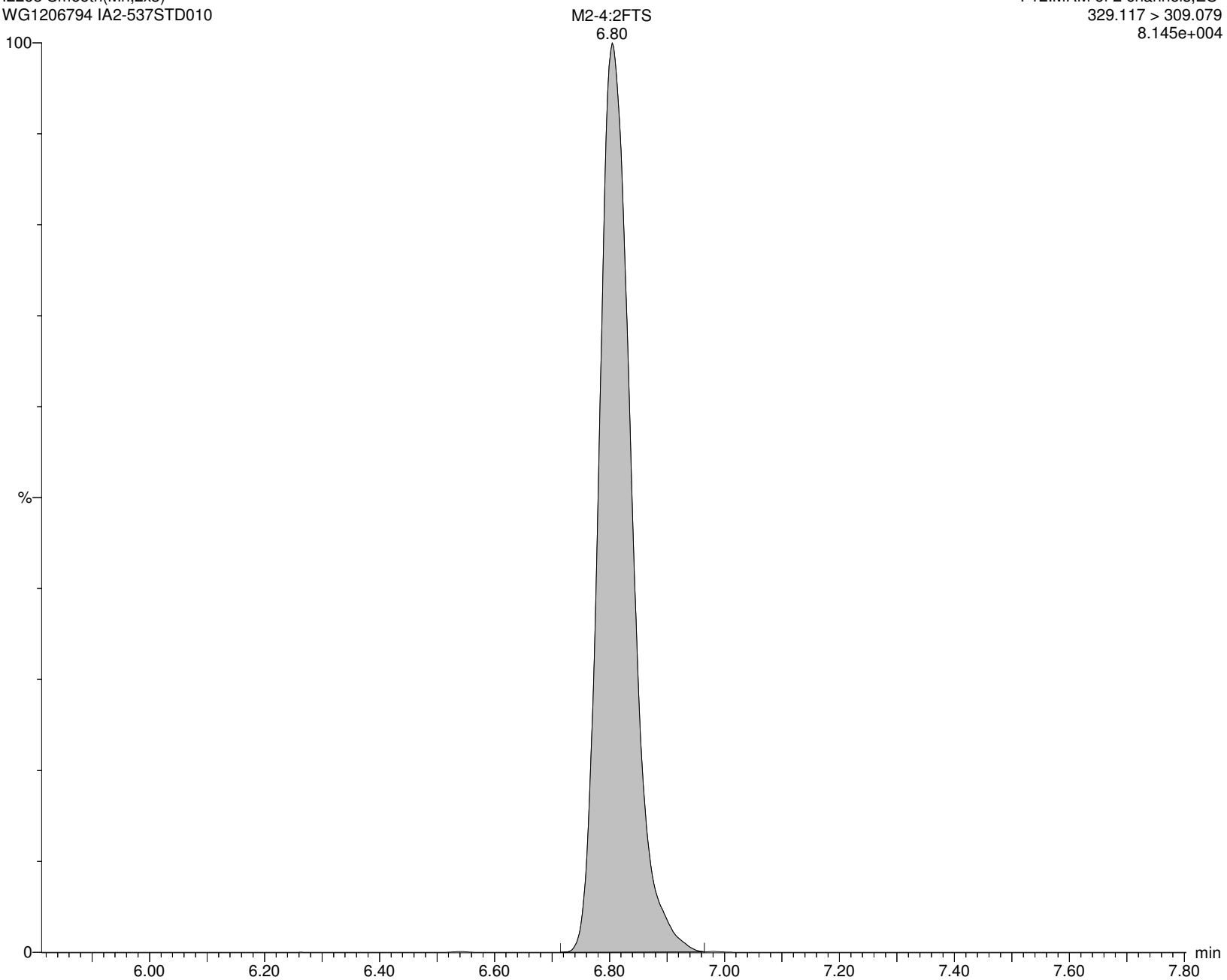
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F12:MRM of 2 channels,ES-

329.117 > 309.079

8.145e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxA

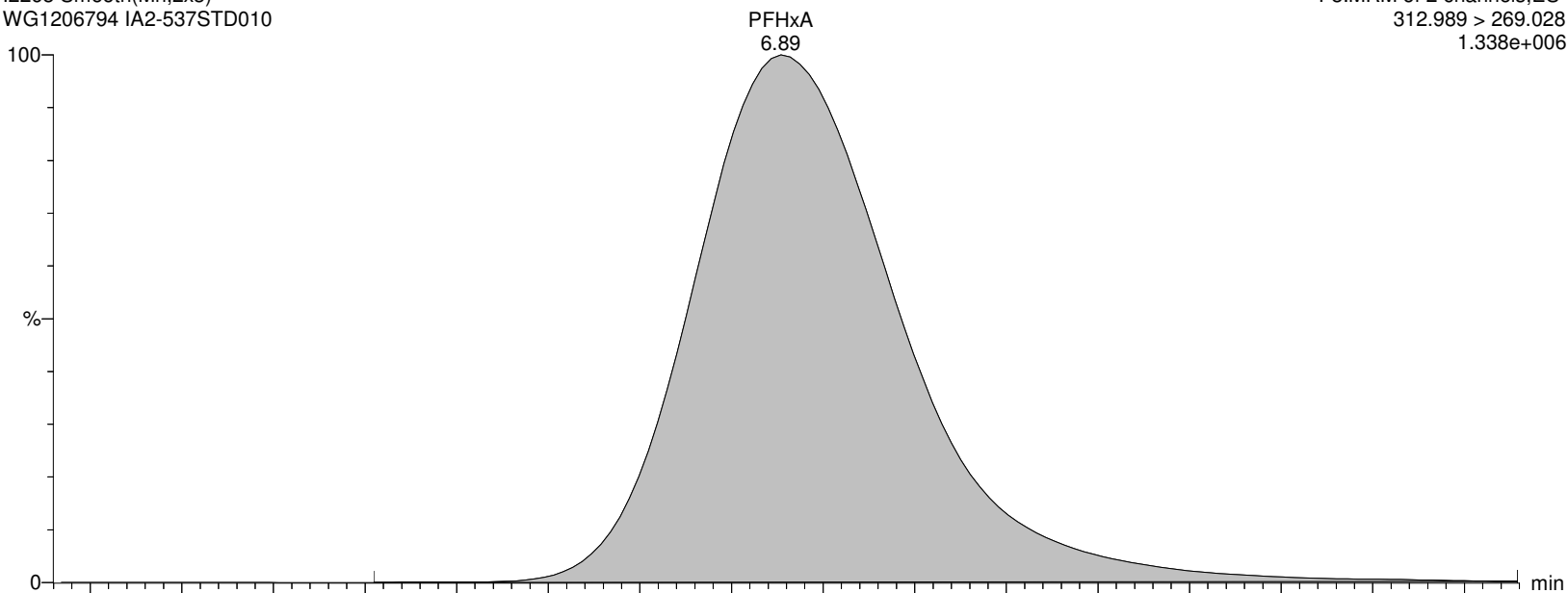
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F8:MRM of 2 channels,ES-

312.989 > 269.028

1.338e+006



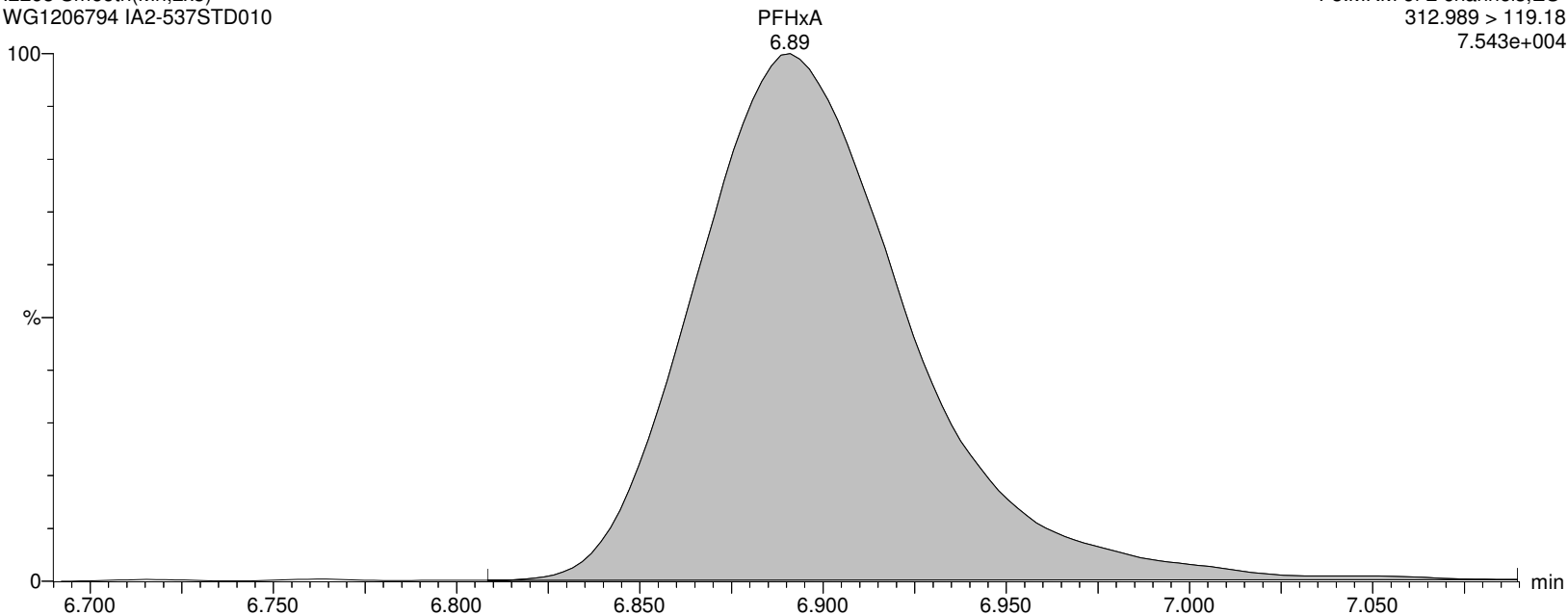
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F8:MRM of 2 channels,ES-

312.989 > 119.18

7.543e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFHxA

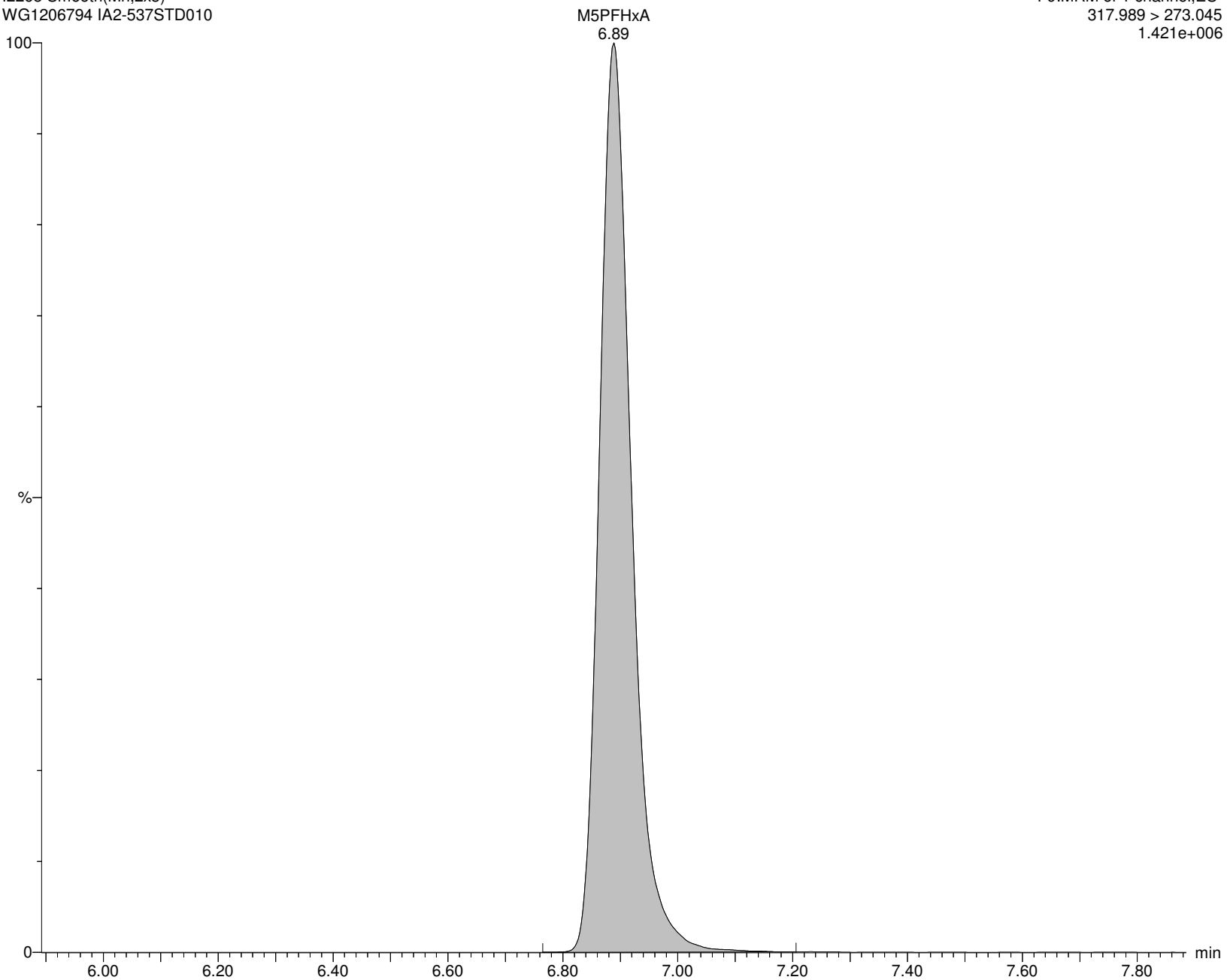
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F9:MRM of 1 channel,ES-

317.989 > 273.045

1.421e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeS

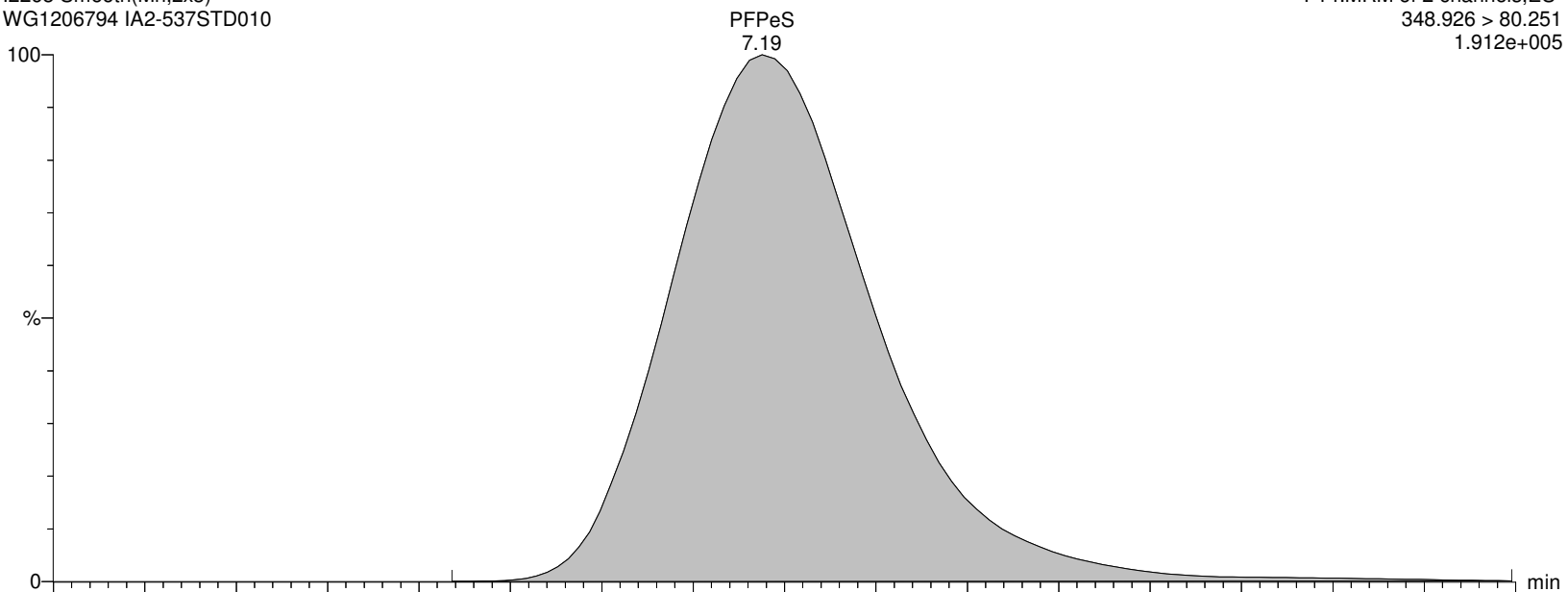
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F14:MRM of 2 channels,ES-

348.926 > 80.251

1.912e+005



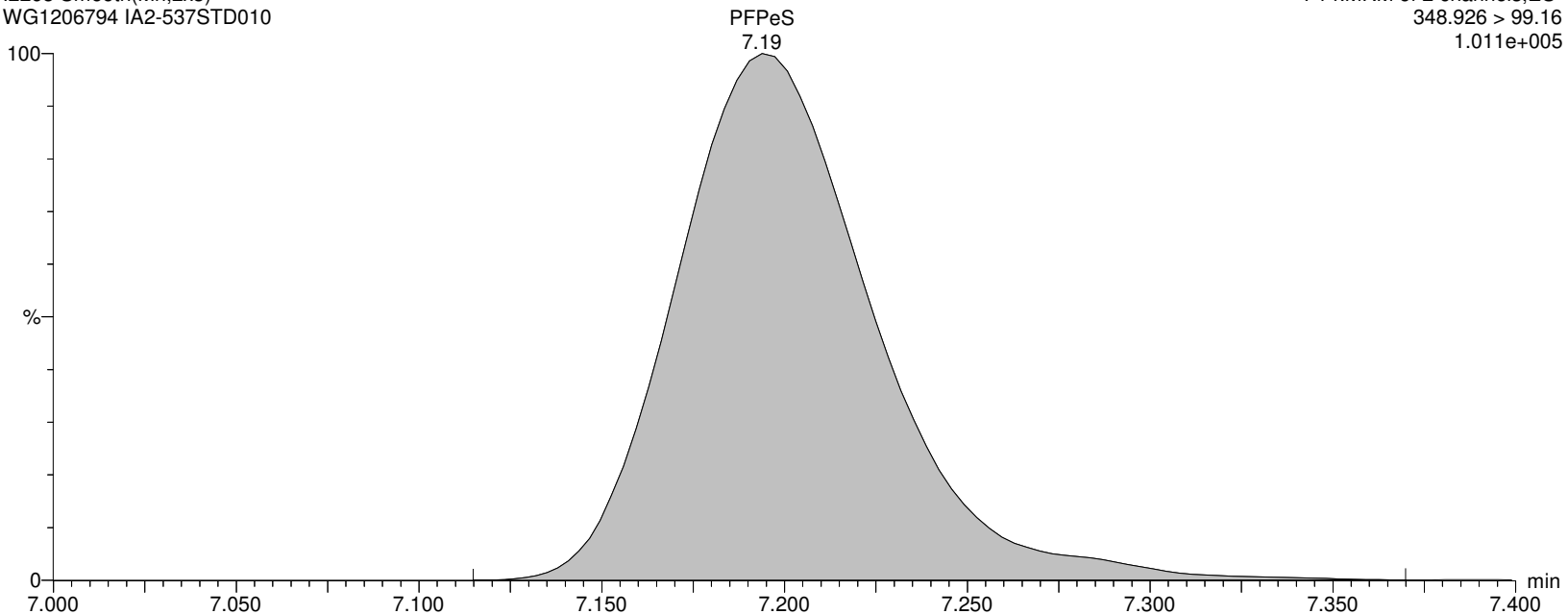
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F14:MRM of 2 channels,ES-

348.926 > 99.16

1.011e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpA

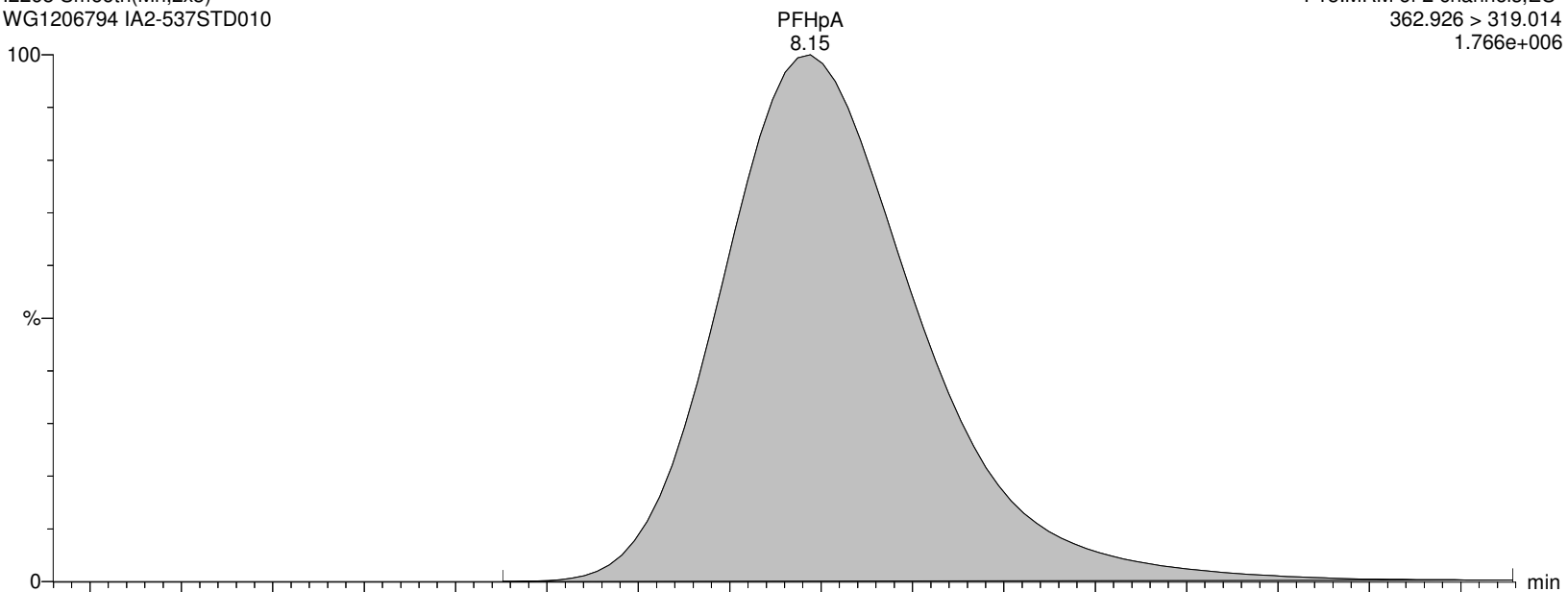
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F15:MRM of 2 channels,ES-

362.926 > 319.014

1.766e+006



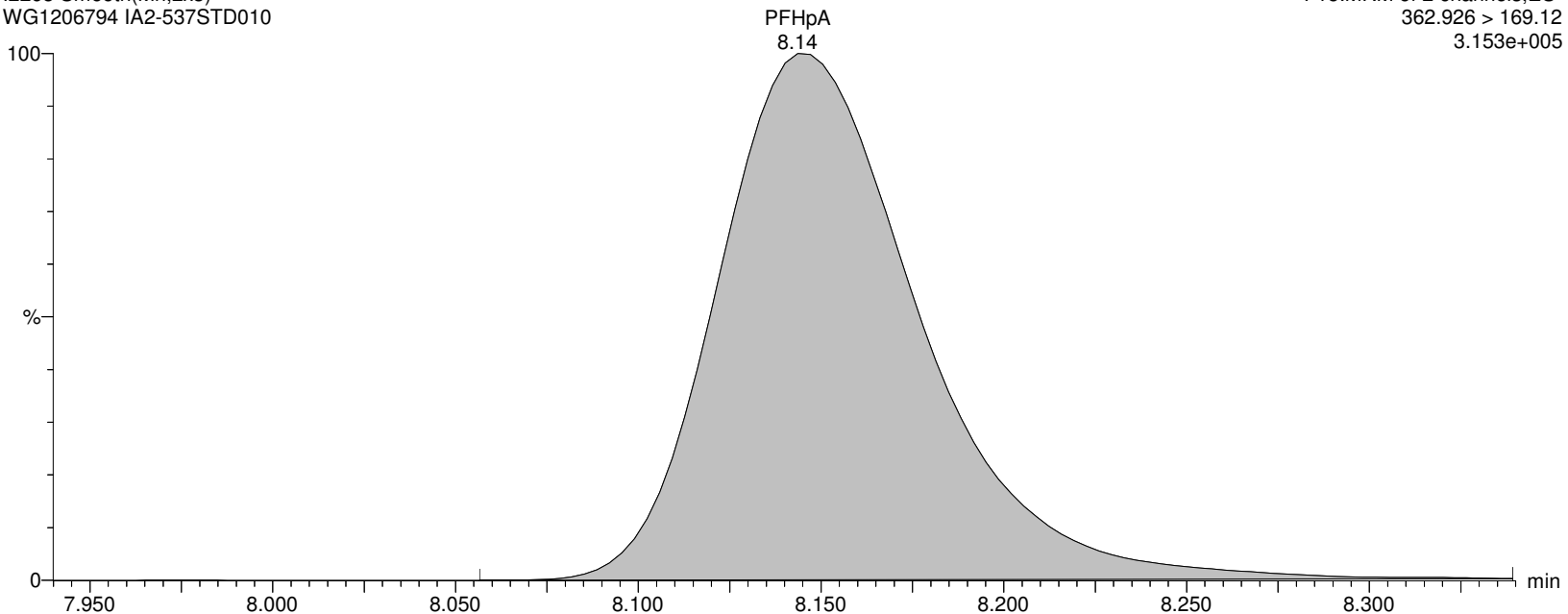
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F15:MRM of 2 channels,ES-

362.926 > 169.12

3.153e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFHpA

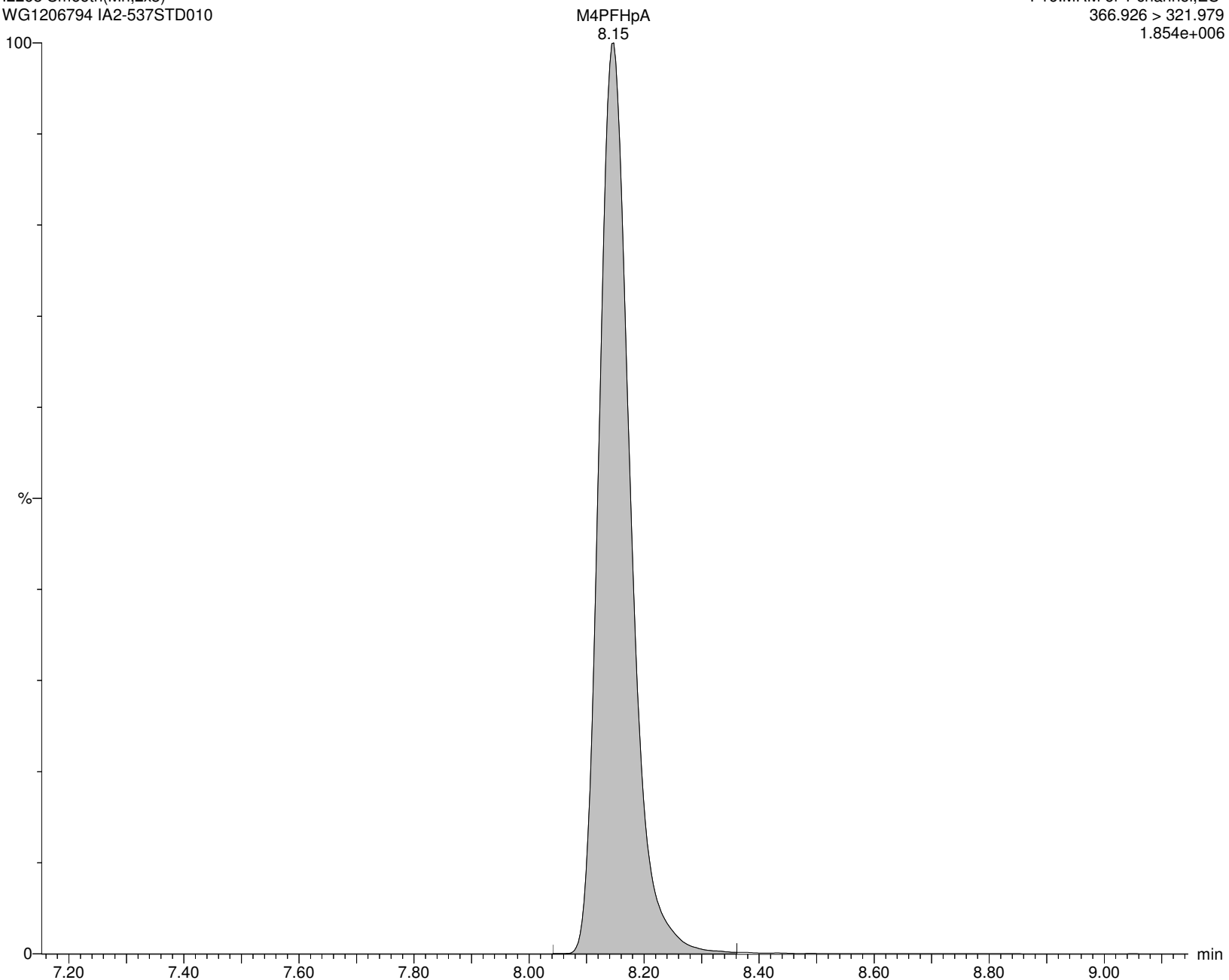
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F16:MRM of 1 channel,ES-

366.926 > 321.979

1.854e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFHxS

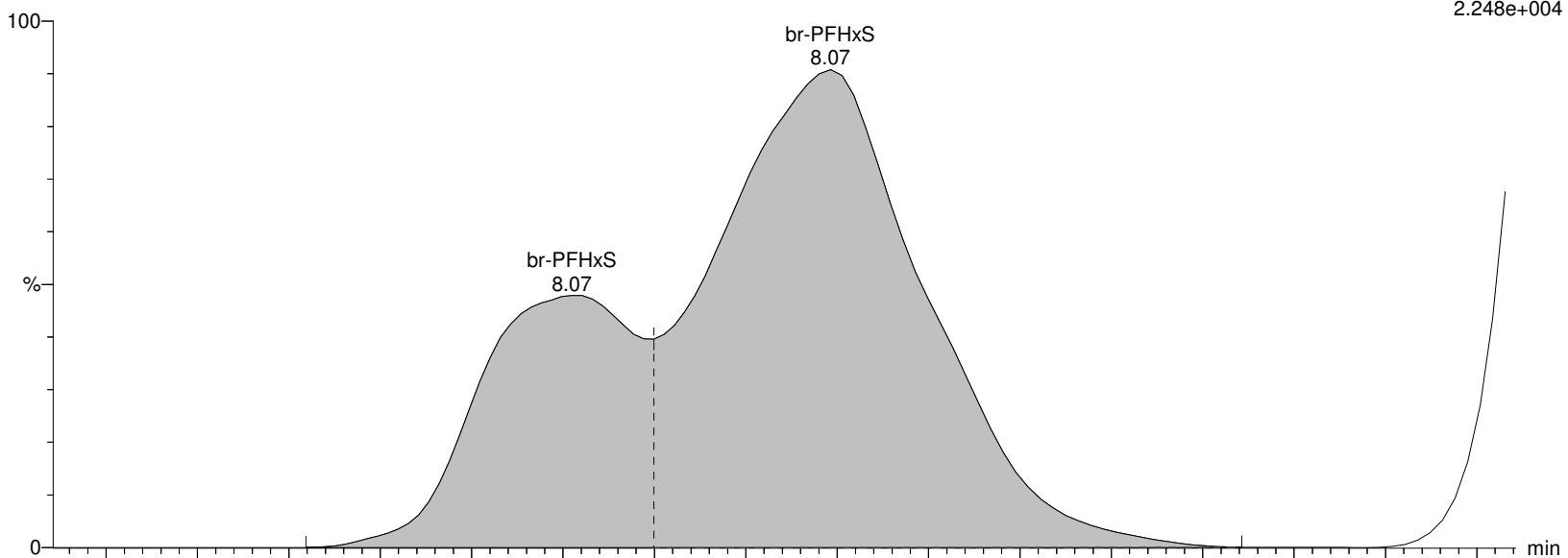
I2268 Smooth(Mn,3x2)

WG1206794 IA2-537STD010

F18:MRM of 2 channels,ES-

398.926 > 80.295

2.248e+004



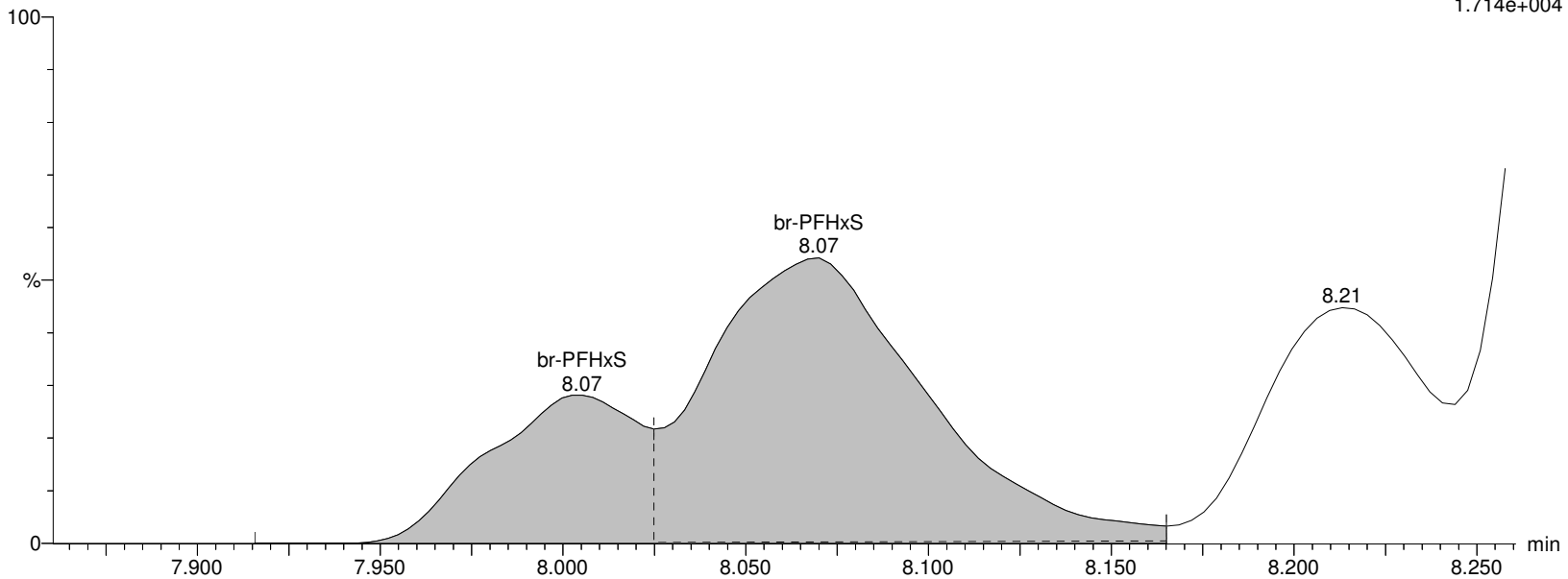
I2268 Smooth(Mn,3x2)

WG1206794 IA2-537STD010

F18:MRM of 2 channels,ES-

398.926 > 99.2

1.714e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFHxS

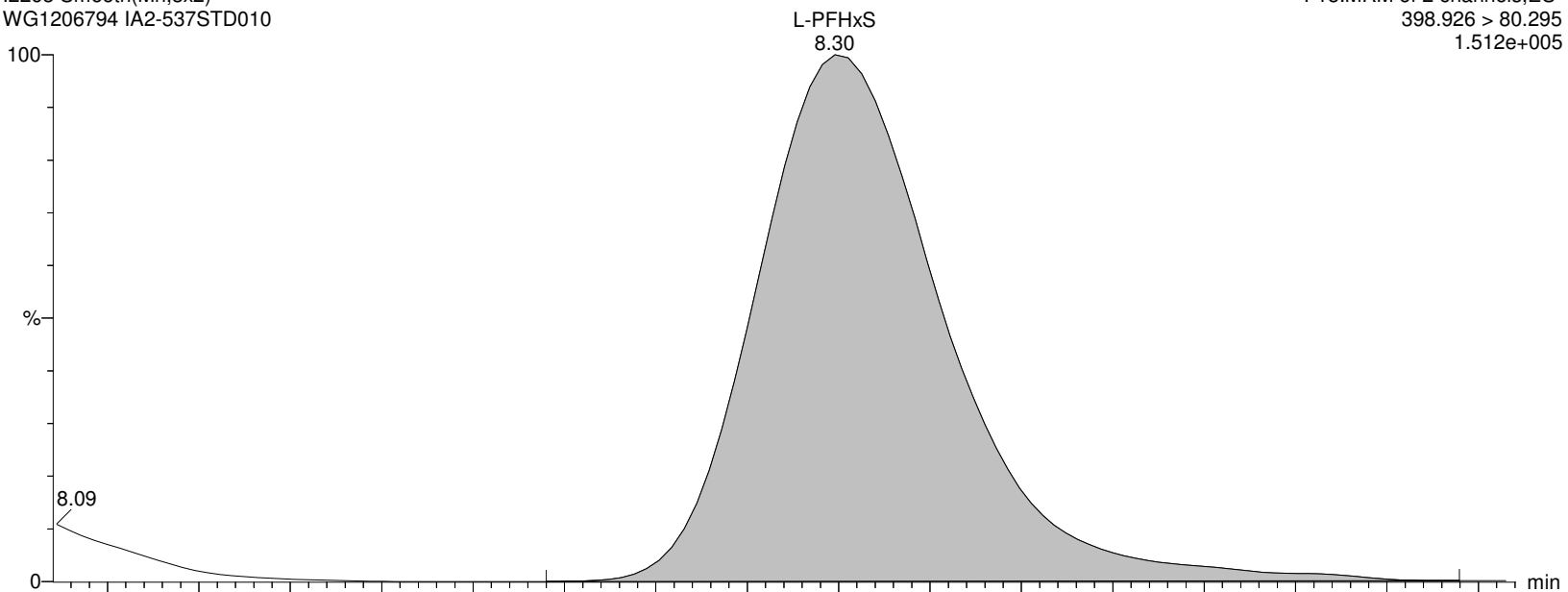
I2268 Smooth(Mn,3x2)

WG1206794 IA2-537STD010

F18:MRM of 2 channels,ES-

398.926 > 80.295

1.512e+005



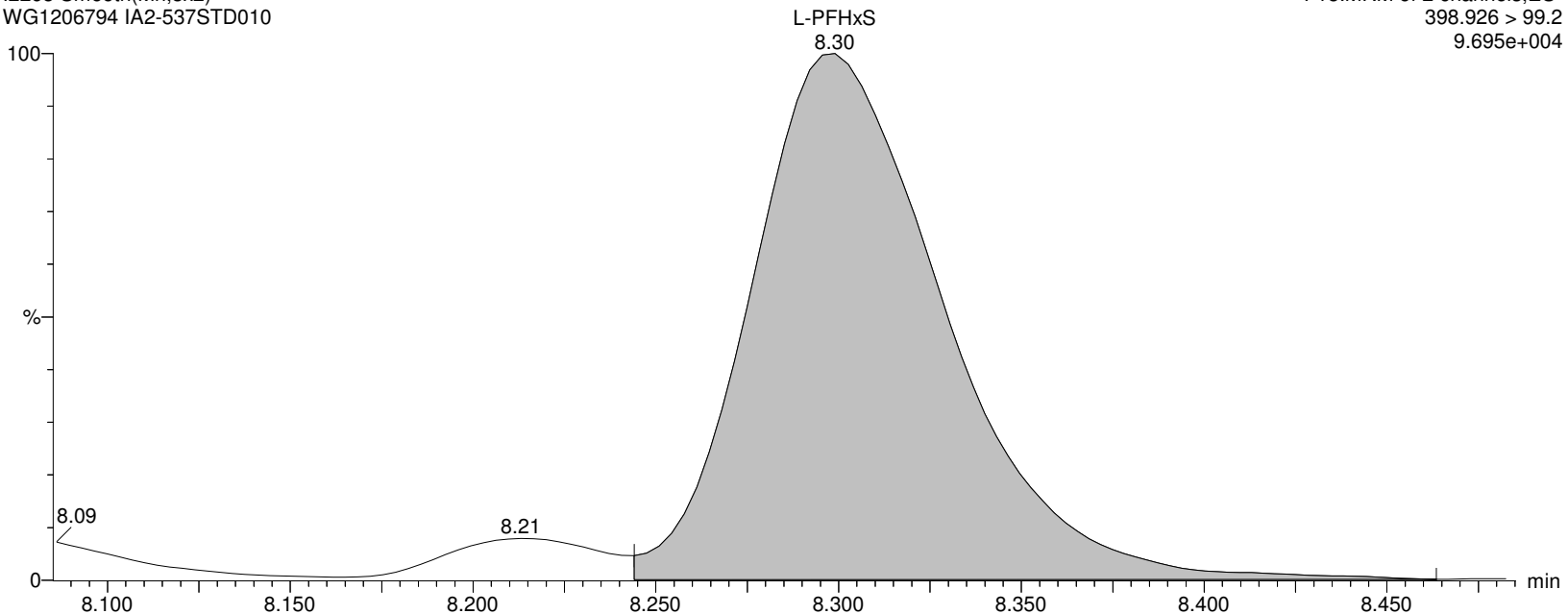
I2268 Smooth(Mn,3x2)

WG1206794 IA2-537STD010

F18:MRM of 2 channels,ES-

398.926 > 99.2

9.695e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxS

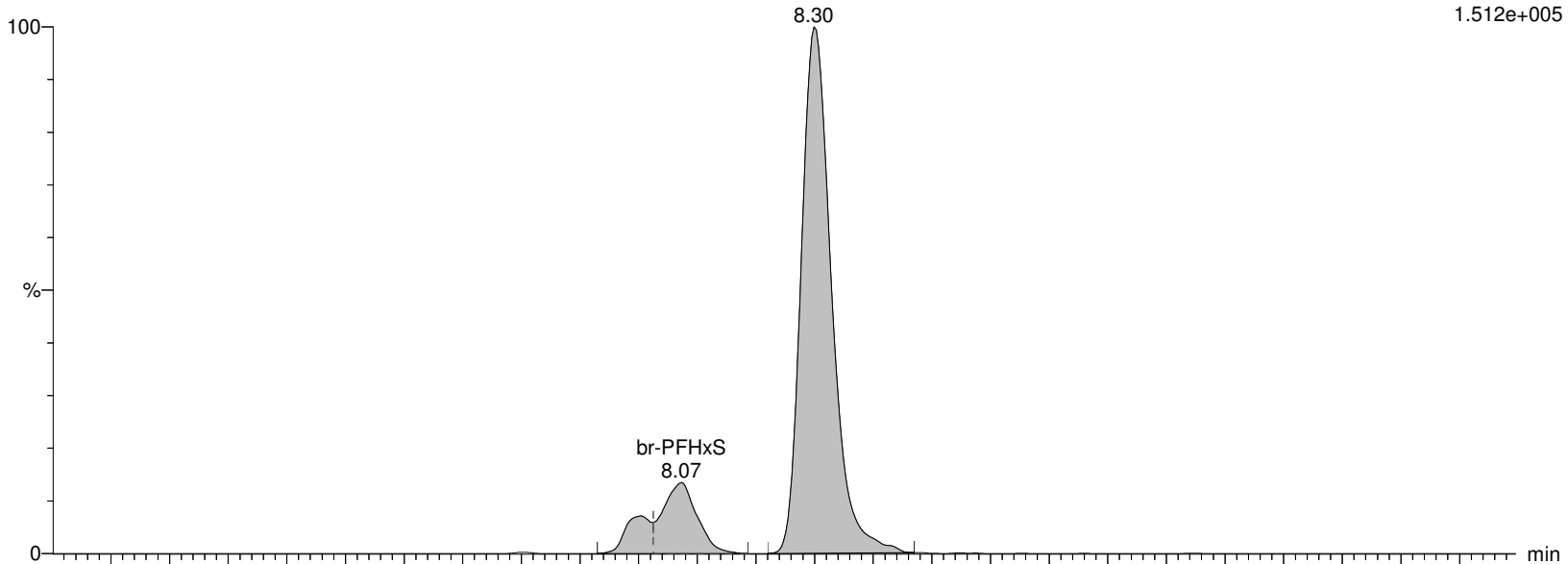
I2268 Smooth(Mn,3x2)

WG1206794 IA2-537STD010

F18:MRM of 2 channels,ES-

398.926 > 80.295

1.512e+005



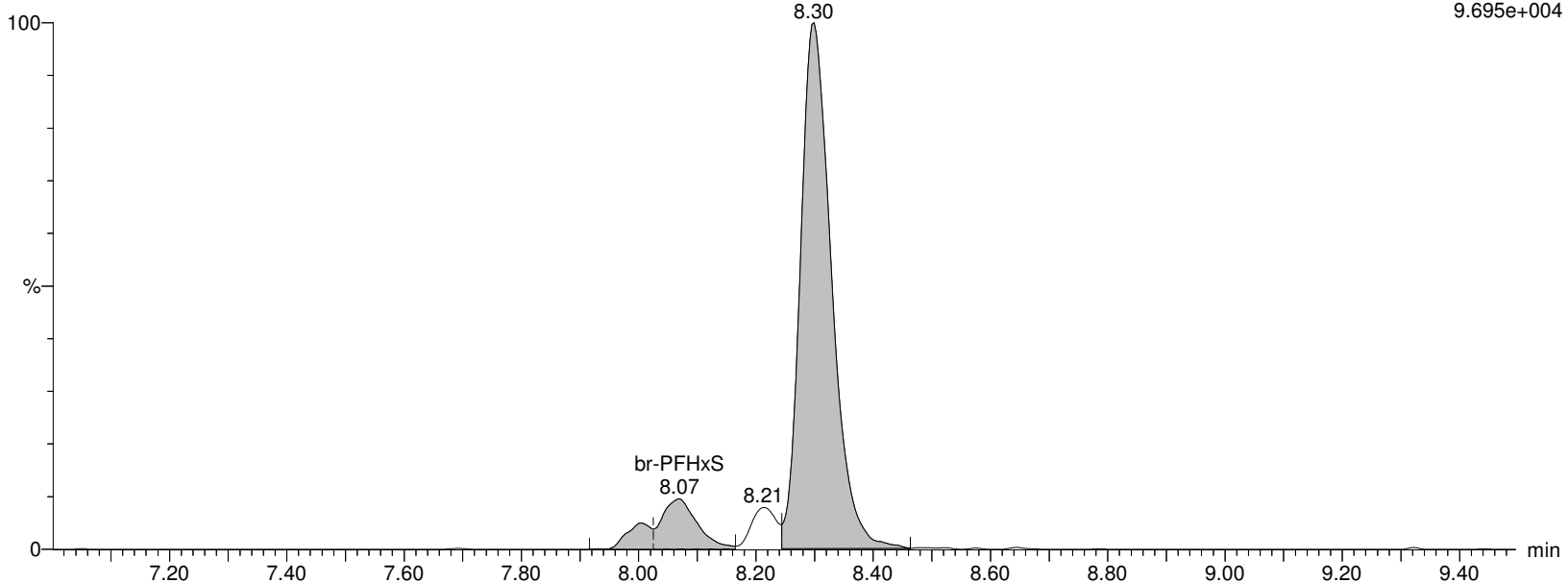
I2268 Smooth(Mn,3x2)

WG1206794 IA2-537STD010

F18:MRM of 2 channels,ES-

398.926 > 99.2

9.695e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFHxS

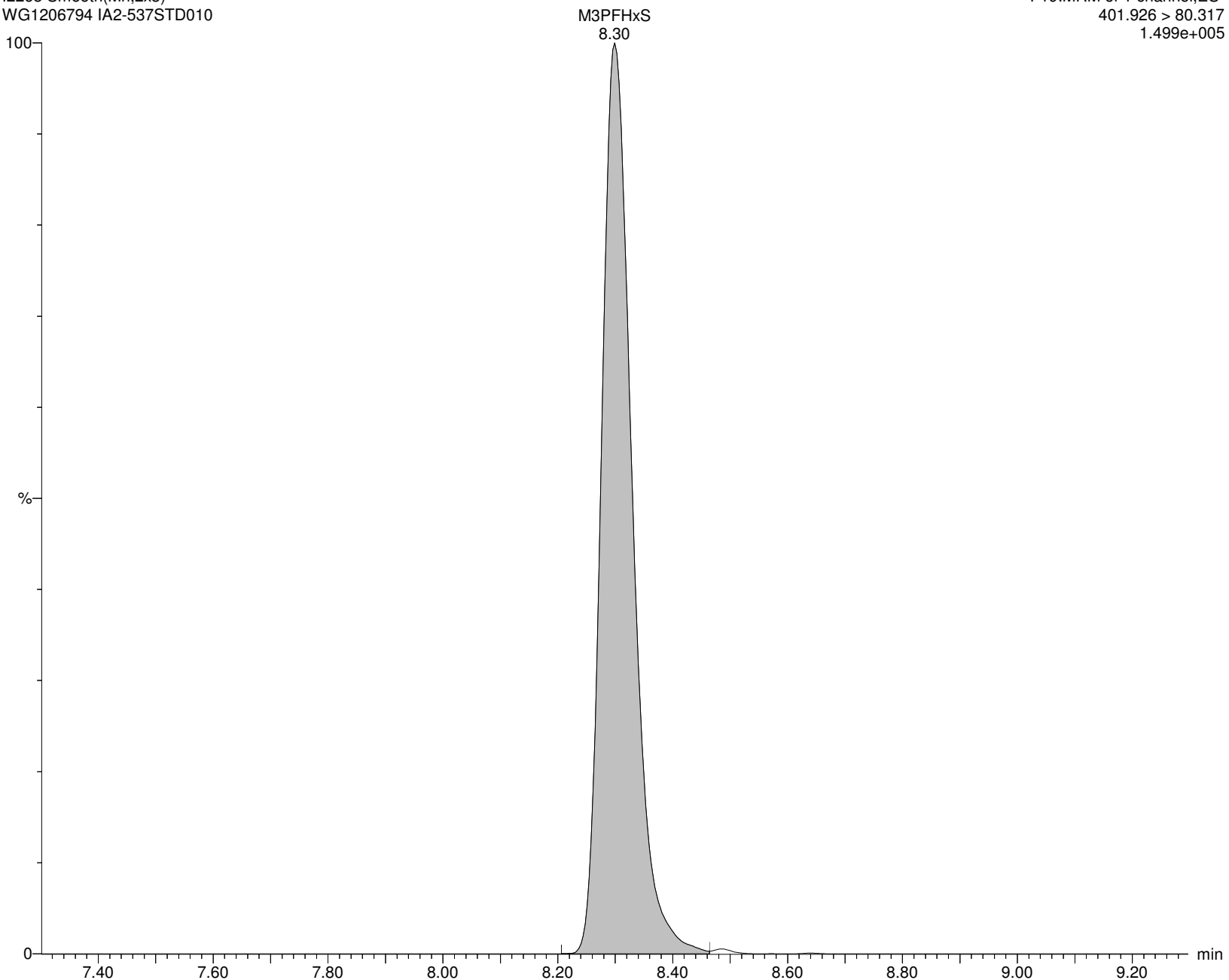
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F19:MRM of 1 channel,ES-

401.926 > 80.317

1.499e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOA

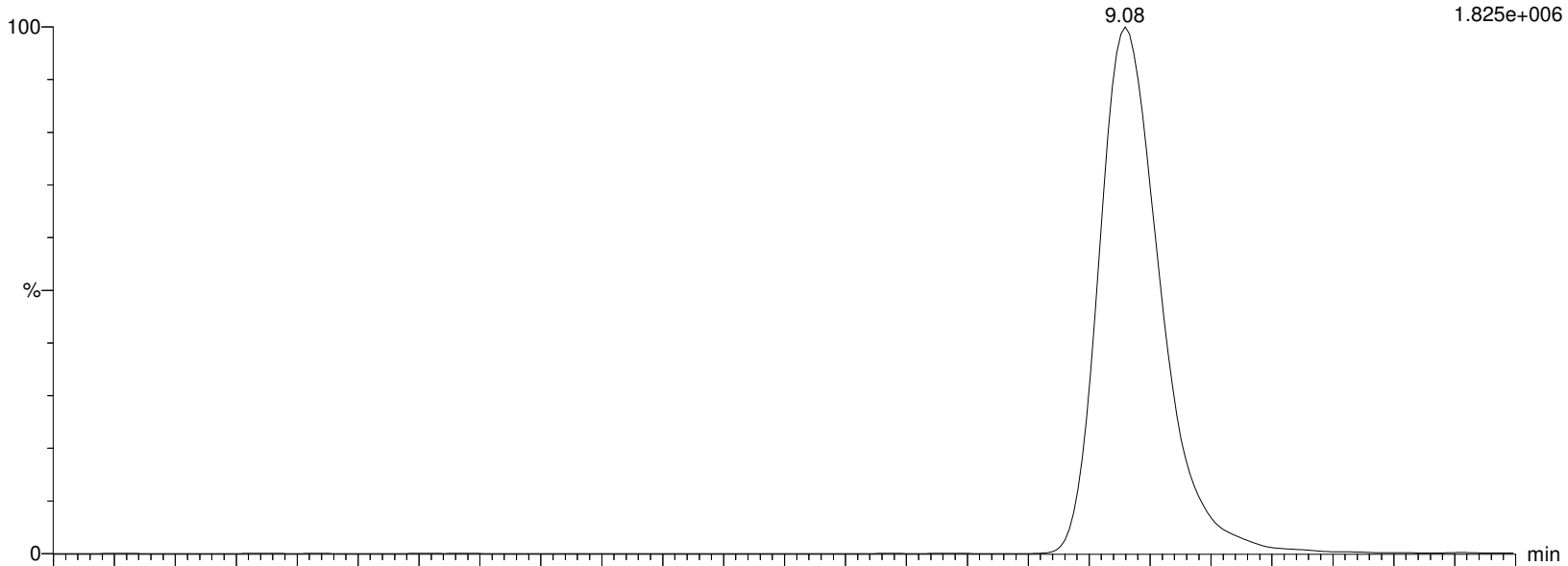
I2268 Smooth(Mn,2x2)

WG1206794 IA2-537STD010

F20:MRM of 2 channels,ES-

412.989 > 368.9

1.825e+006



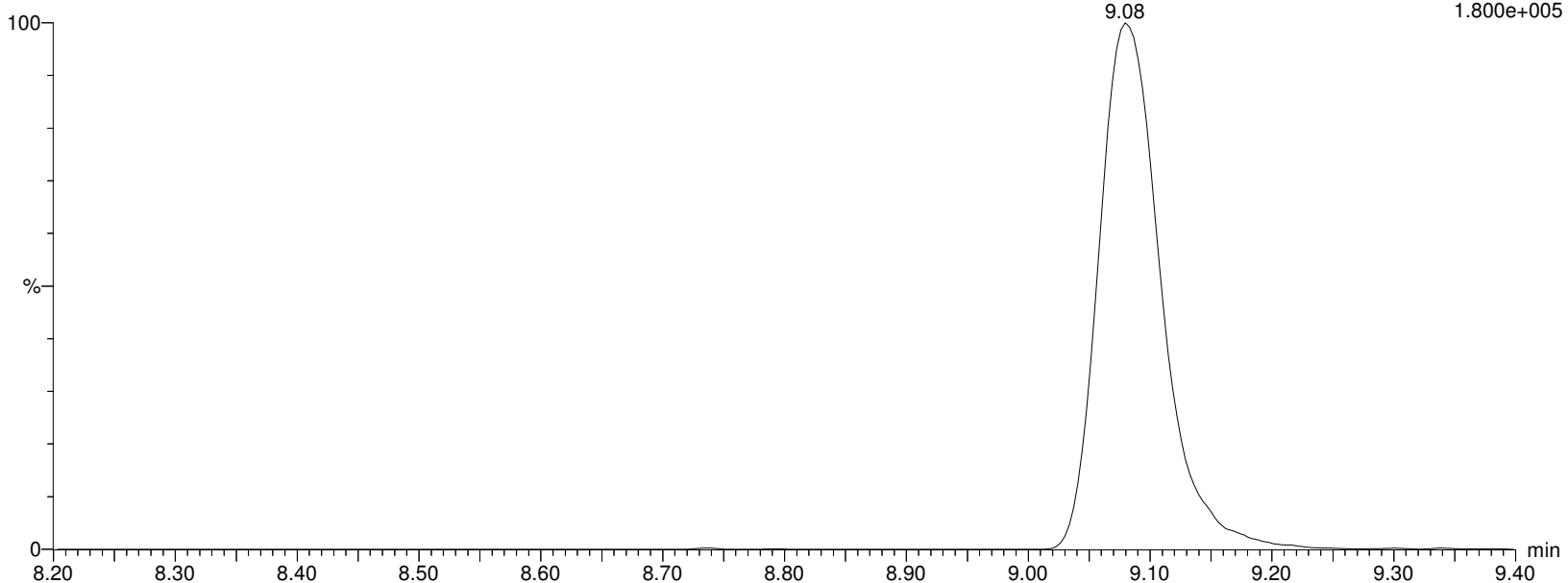
I2268 Smooth(Mn,2x2)

WG1206794 IA2-537STD010

F20:MRM of 2 channels,ES-

412.989 > 219.08

1.800e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOA

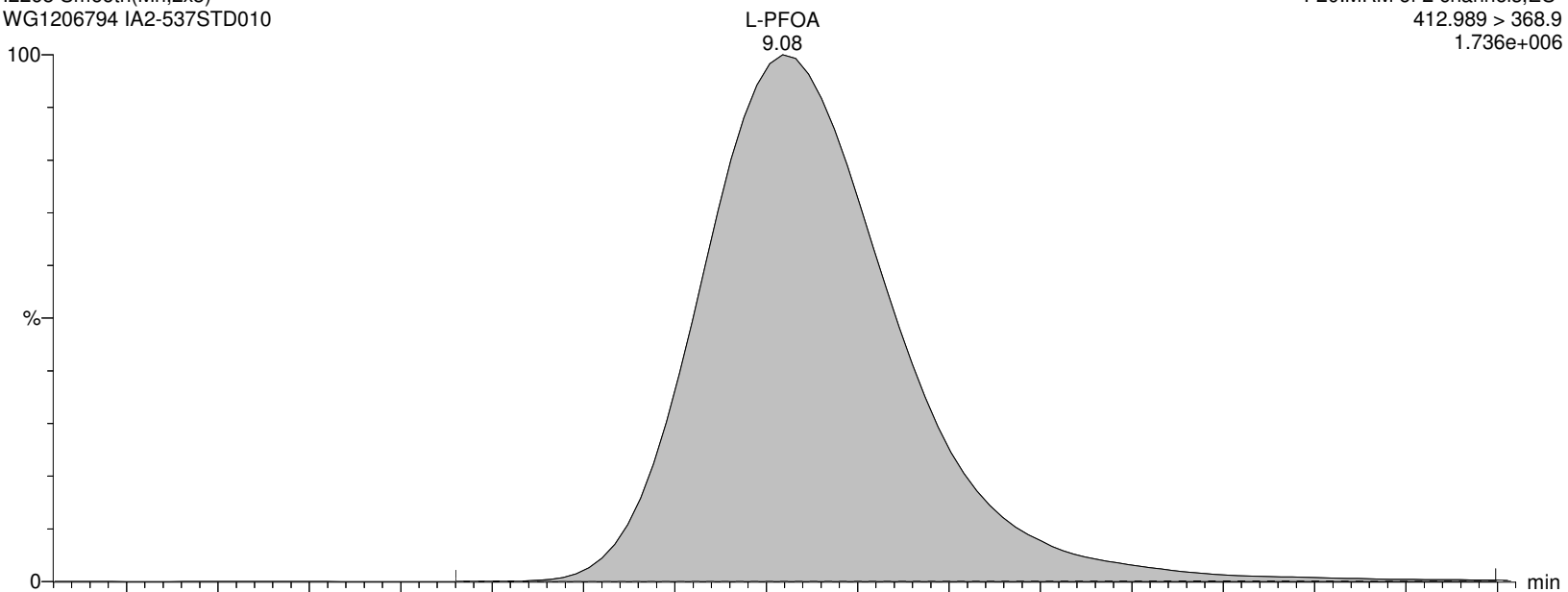
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F20:MRM of 2 channels,ES-

412.989 > 368.9

1.736e+006



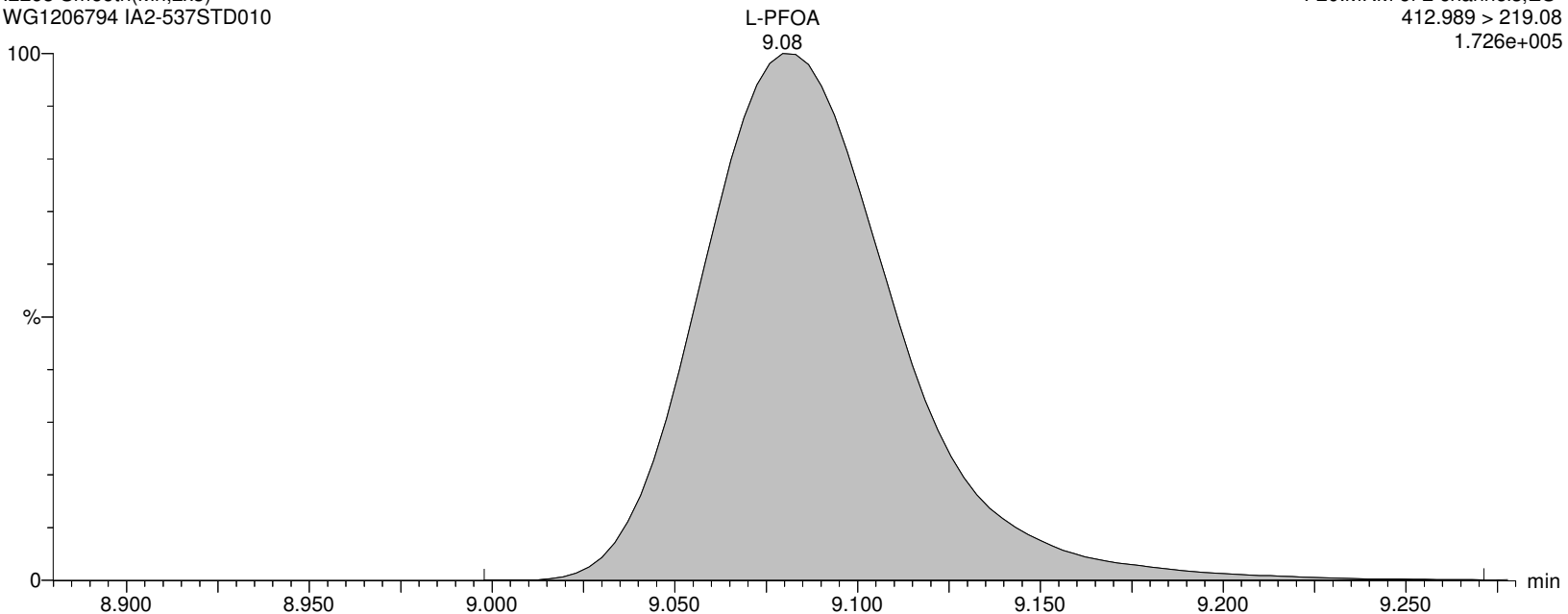
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F20:MRM of 2 channels,ES-

412.989 > 219.08

1.726e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFOA

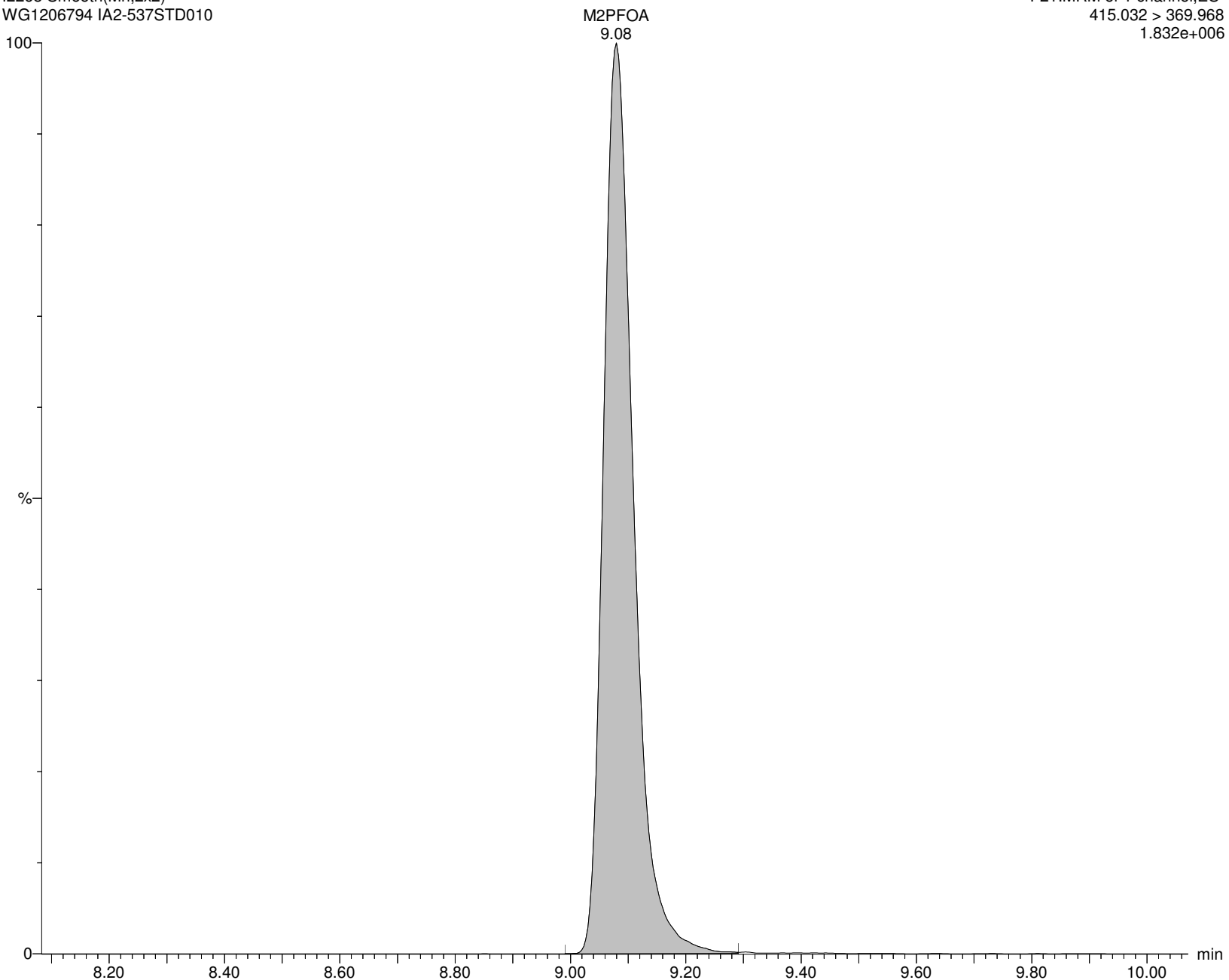
I2268 Smooth(Mn,2x2)

WG1206794 IA2-537STD010

F21:MRM of 1 channel,ES-

415.032 > 369.968

1.832e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOA

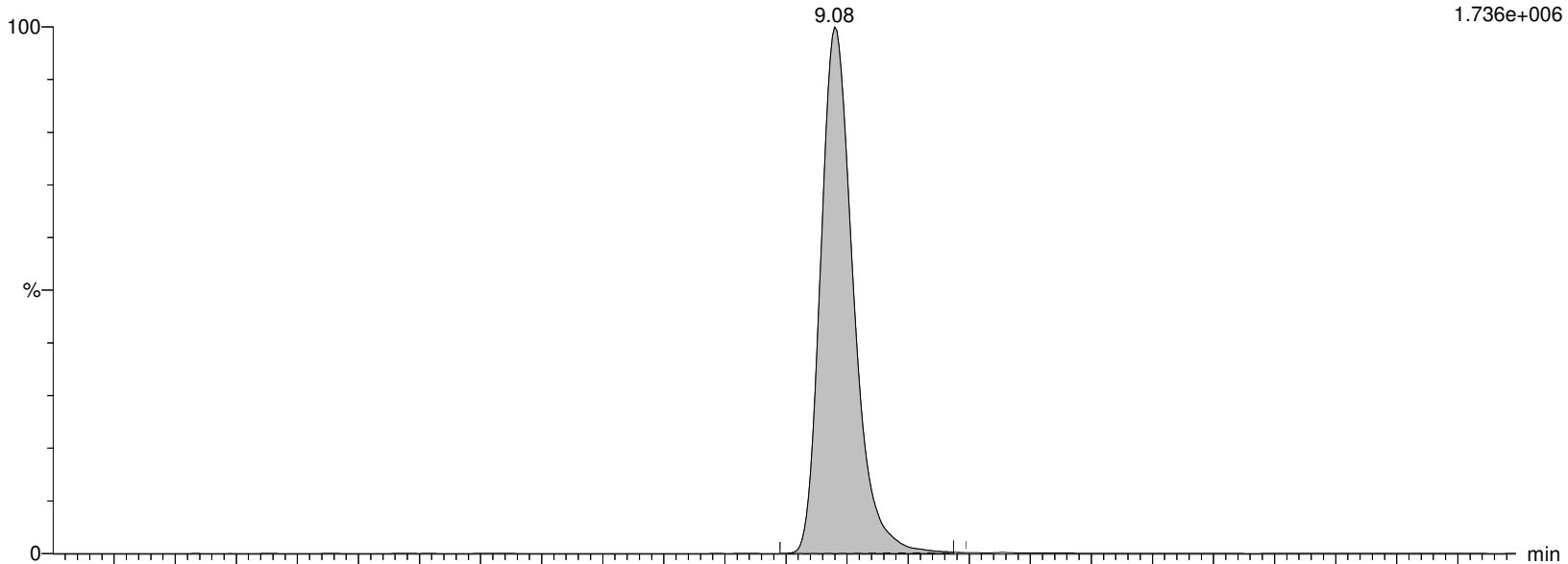
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F20:MRM of 2 channels,ES-

412.989 > 368.9

1.736e+006



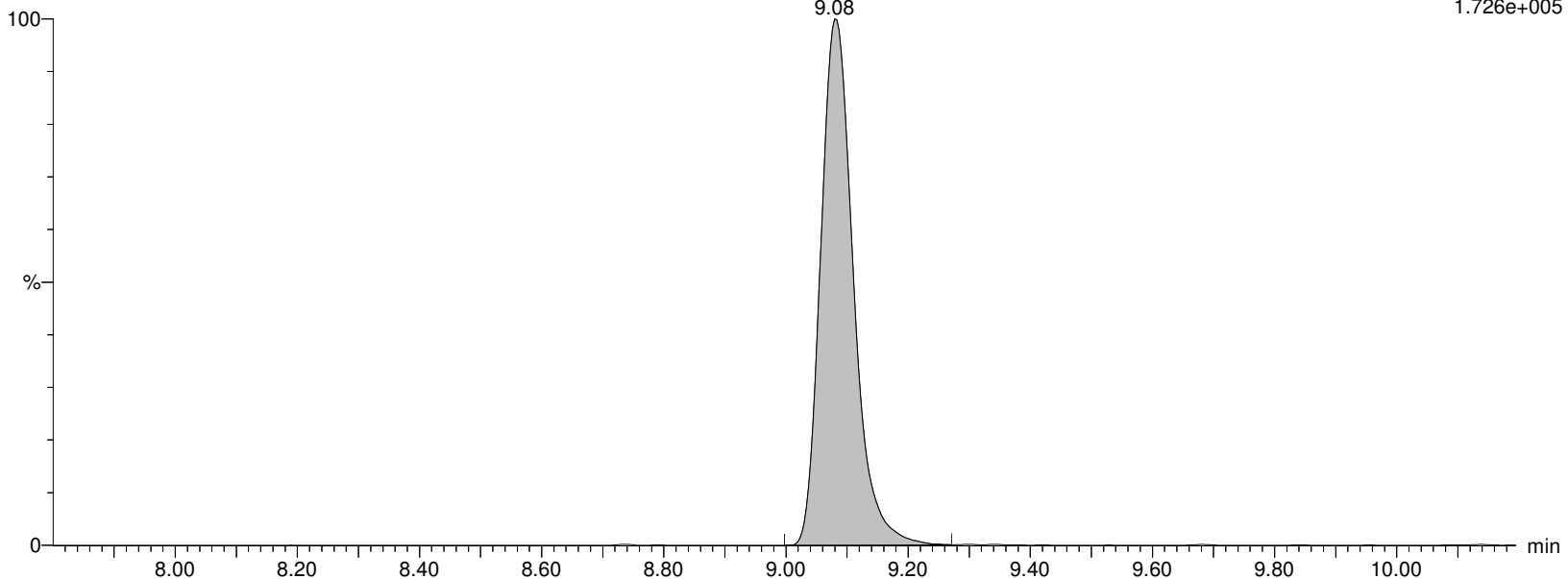
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F20:MRM of 2 channels,ES-

412.989 > 219.08

1.726e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOA

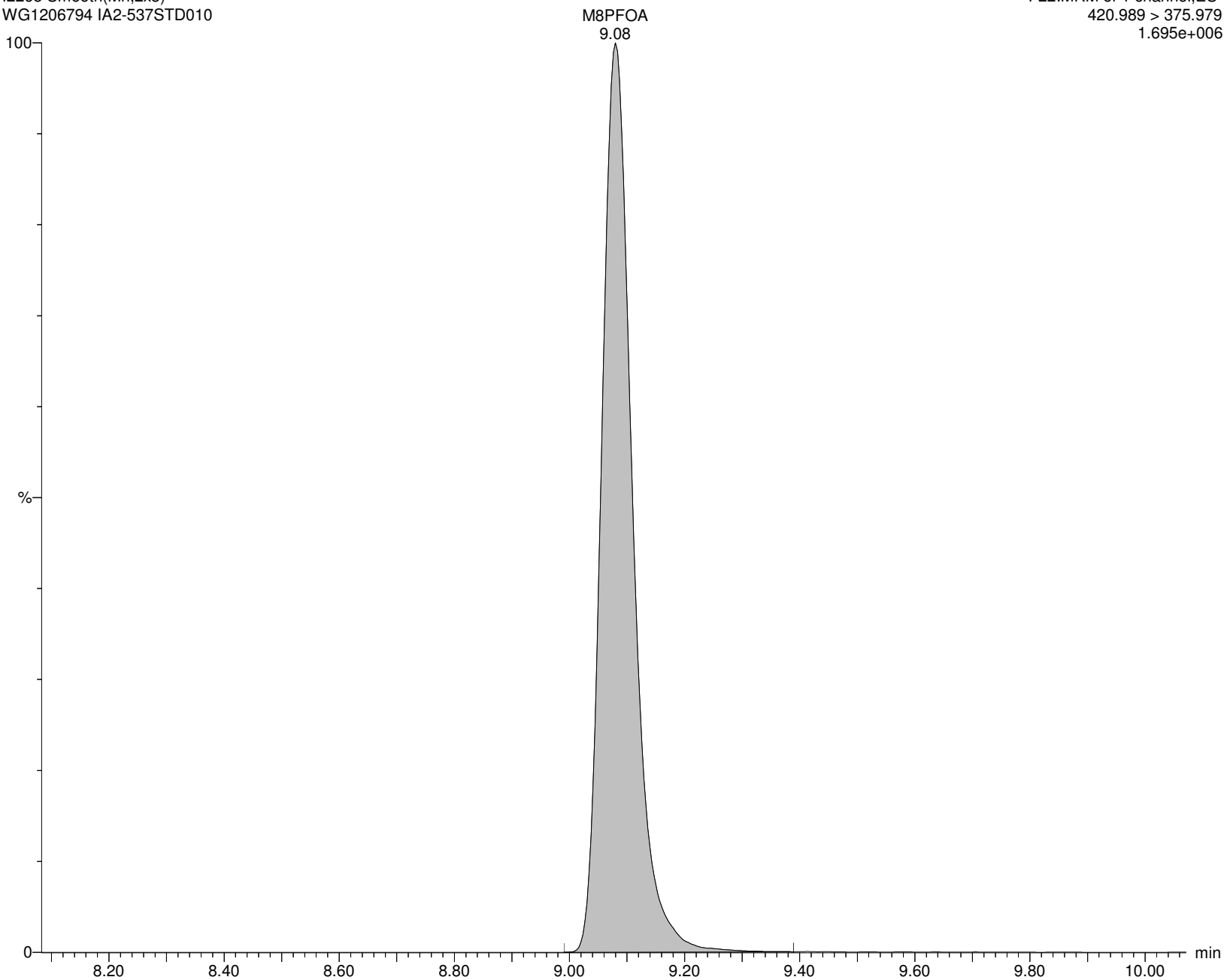
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F22:MRM of 1 channel,ES-

420.989 > 375.979

1.695e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

6:2FTS

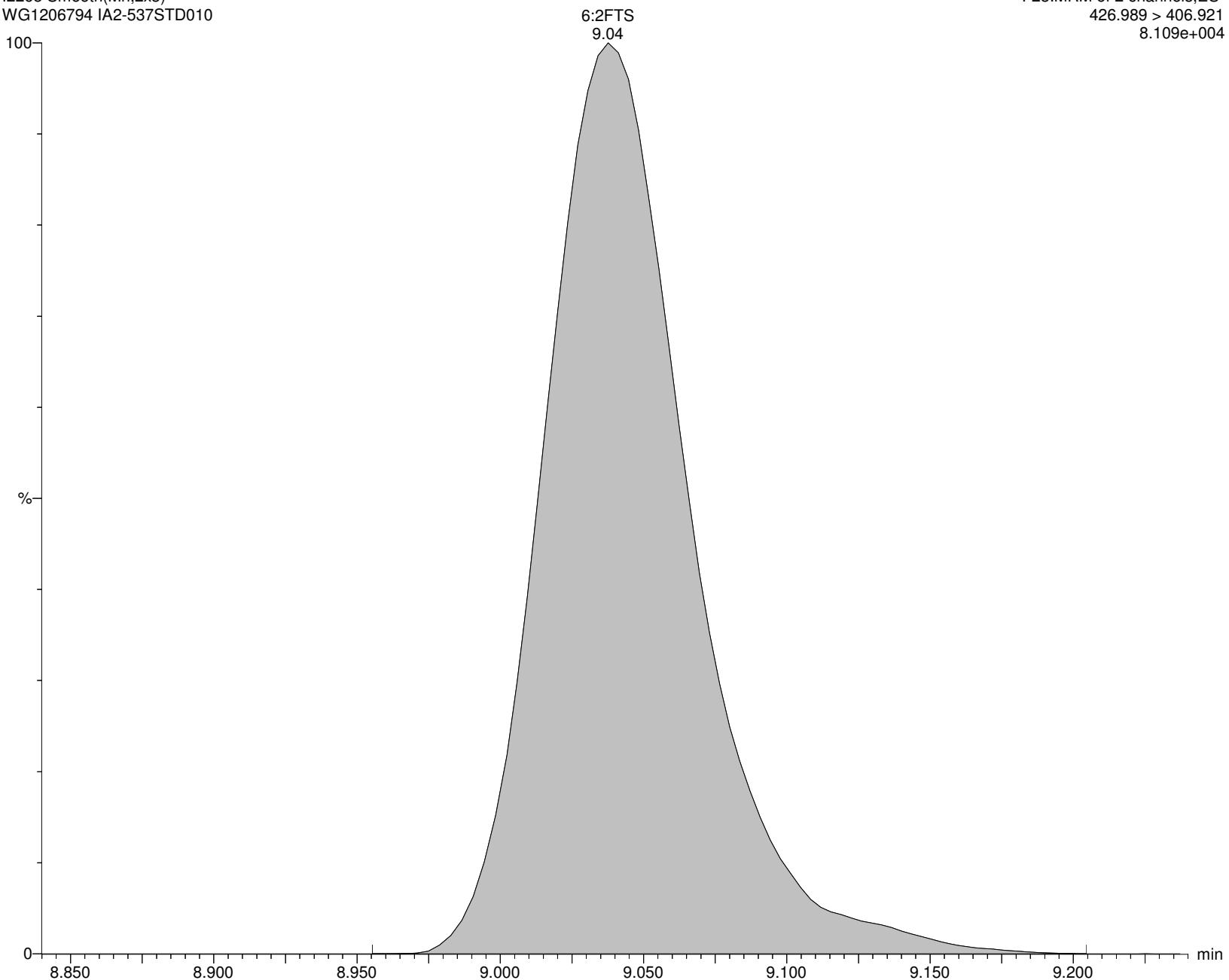
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F23:MRM of 2 channels,ES-

426.989 > 406.921

8.109e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-6:2FTS

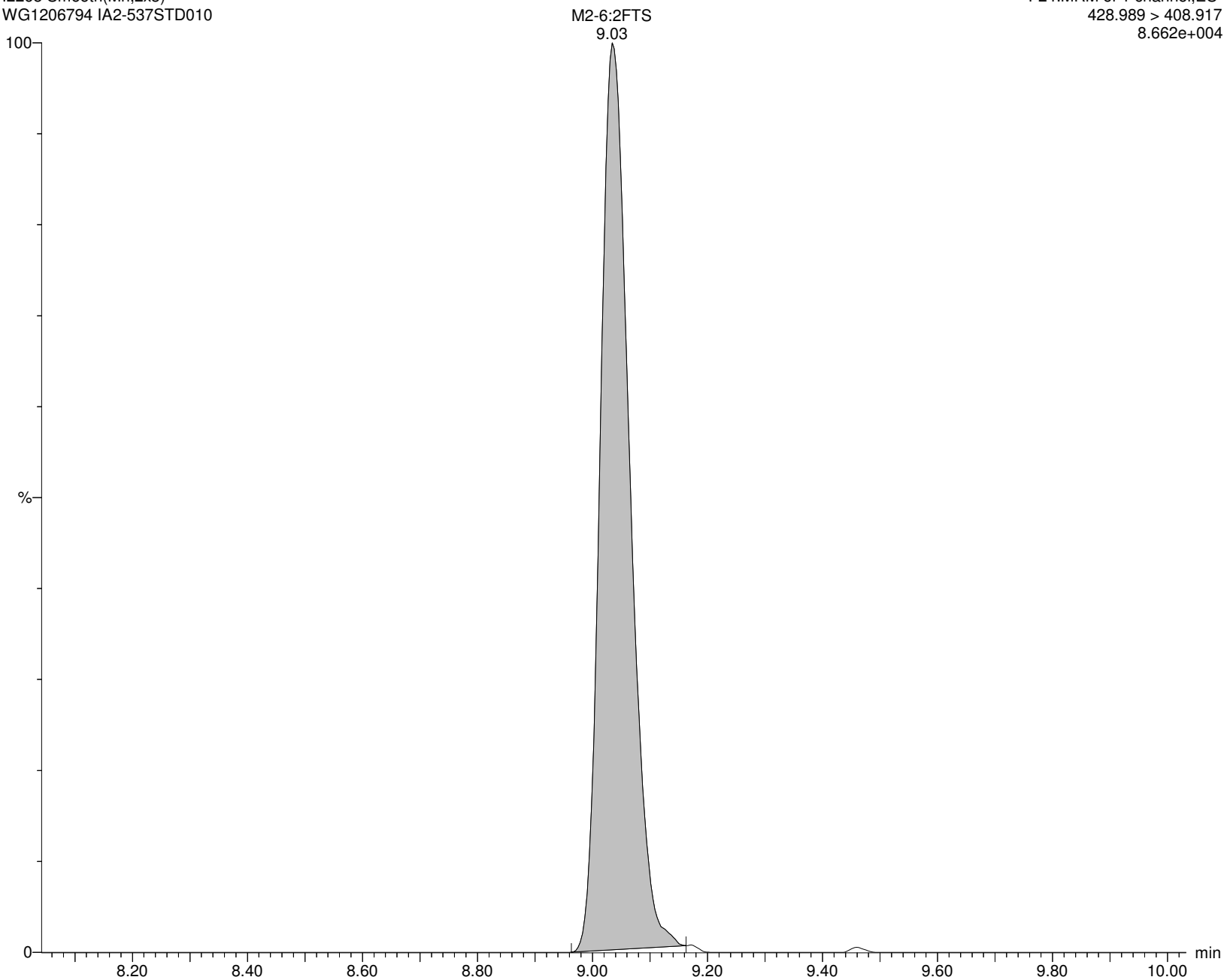
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F24:MRM of 1 channel,ES-

428.989 > 408.917

8.662e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpS

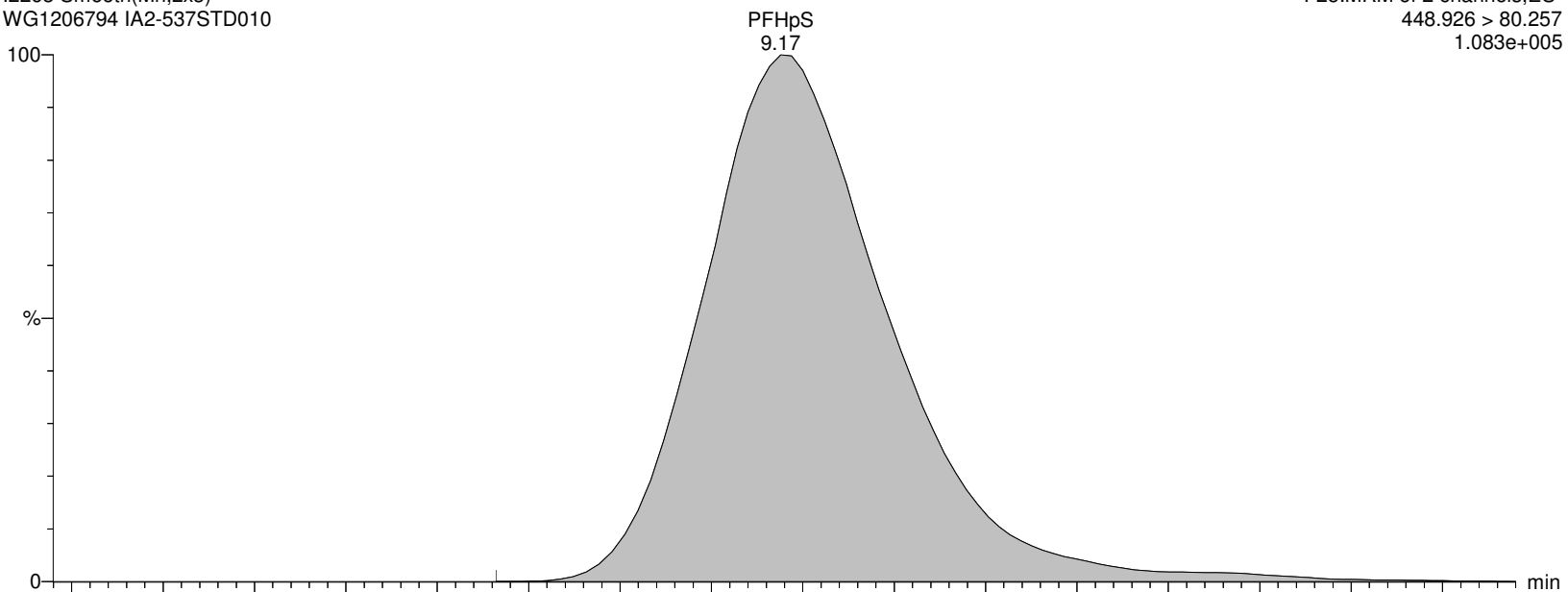
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F25:MRM of 2 channels,ES-

448.926 > 80.257

1.083e+005



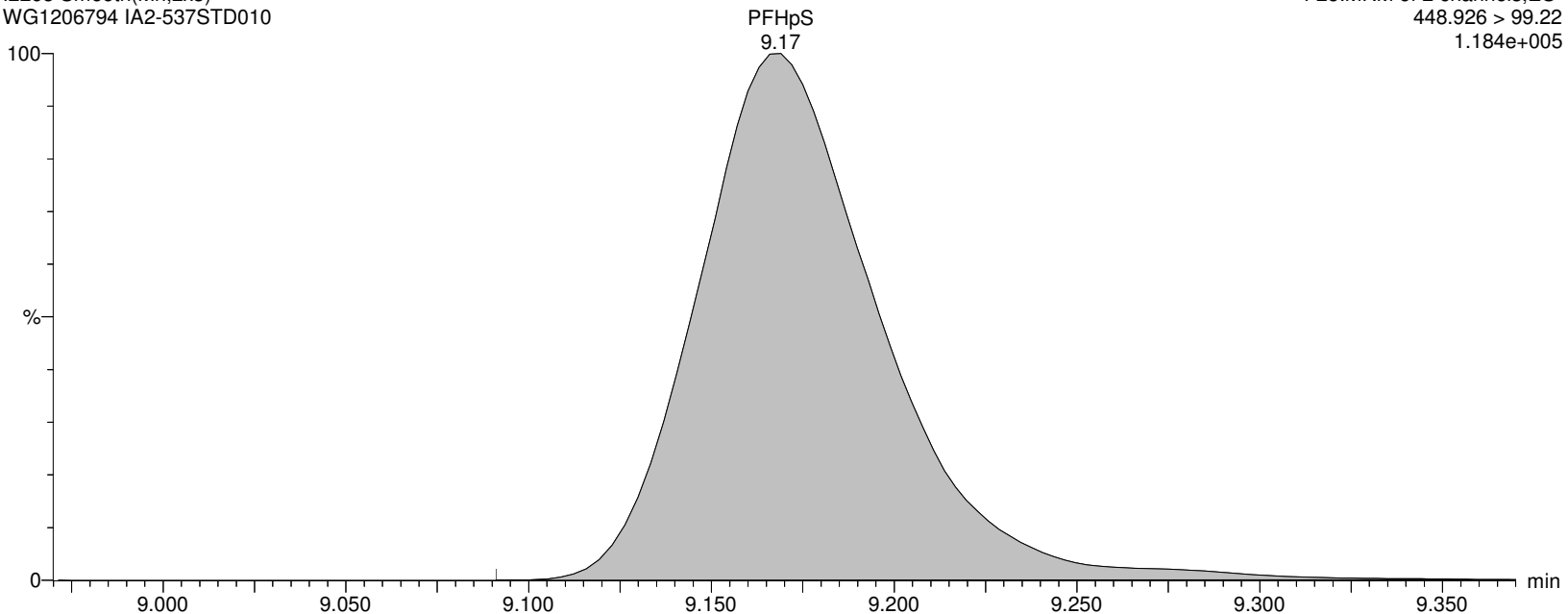
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F25:MRM of 2 channels,ES-

448.926 > 99.22

1.184e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNA

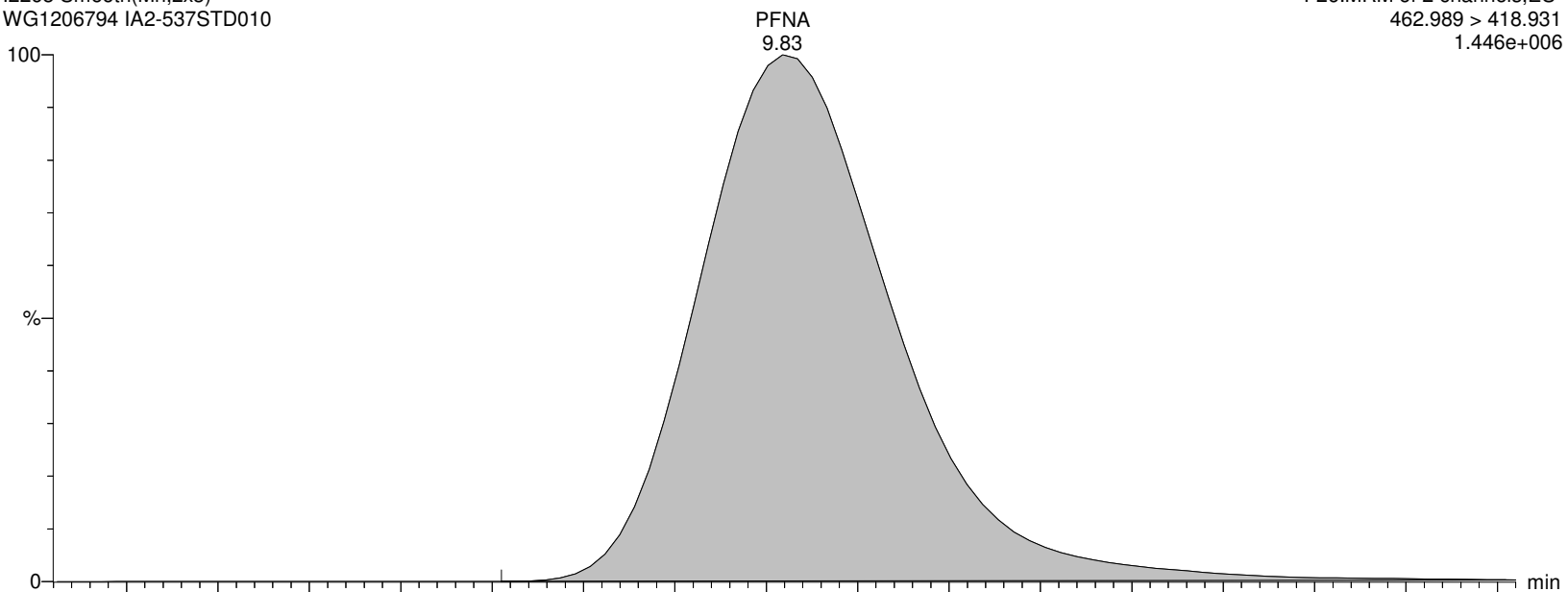
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F26:MRM of 2 channels,ES-

462.989 > 418.931

1.446e+006



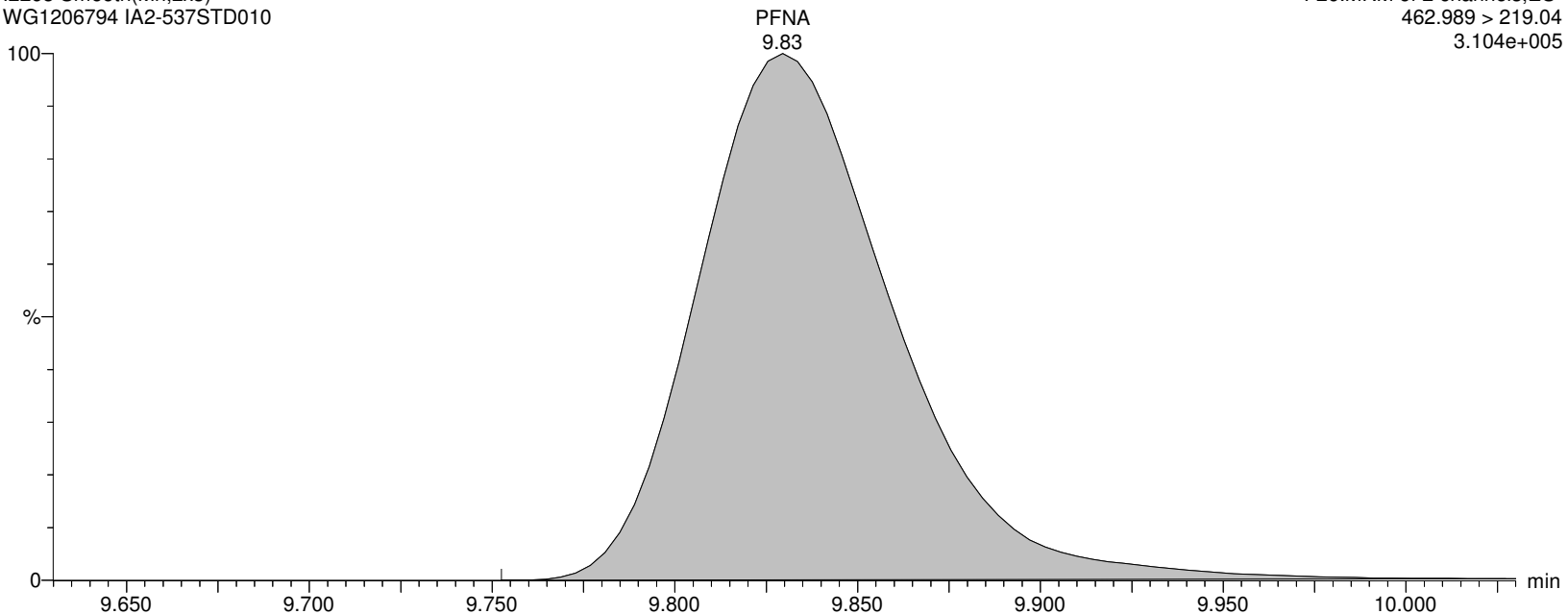
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F26:MRM of 2 channels,ES-

462.989 > 219.04

3.104e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M9PFNA

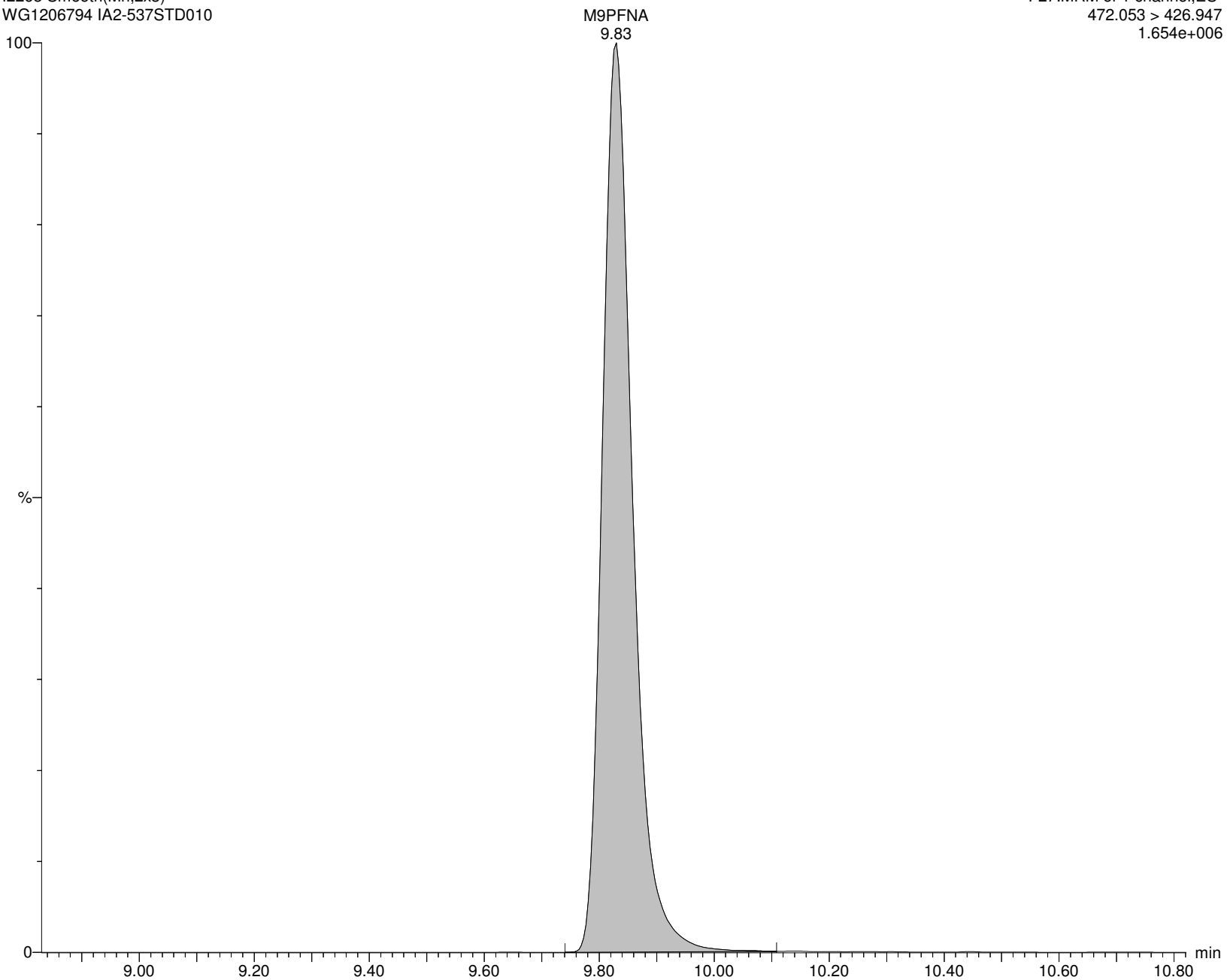
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F27:MRM of 1 channel,ES-

472.053 > 426.947

1.654e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

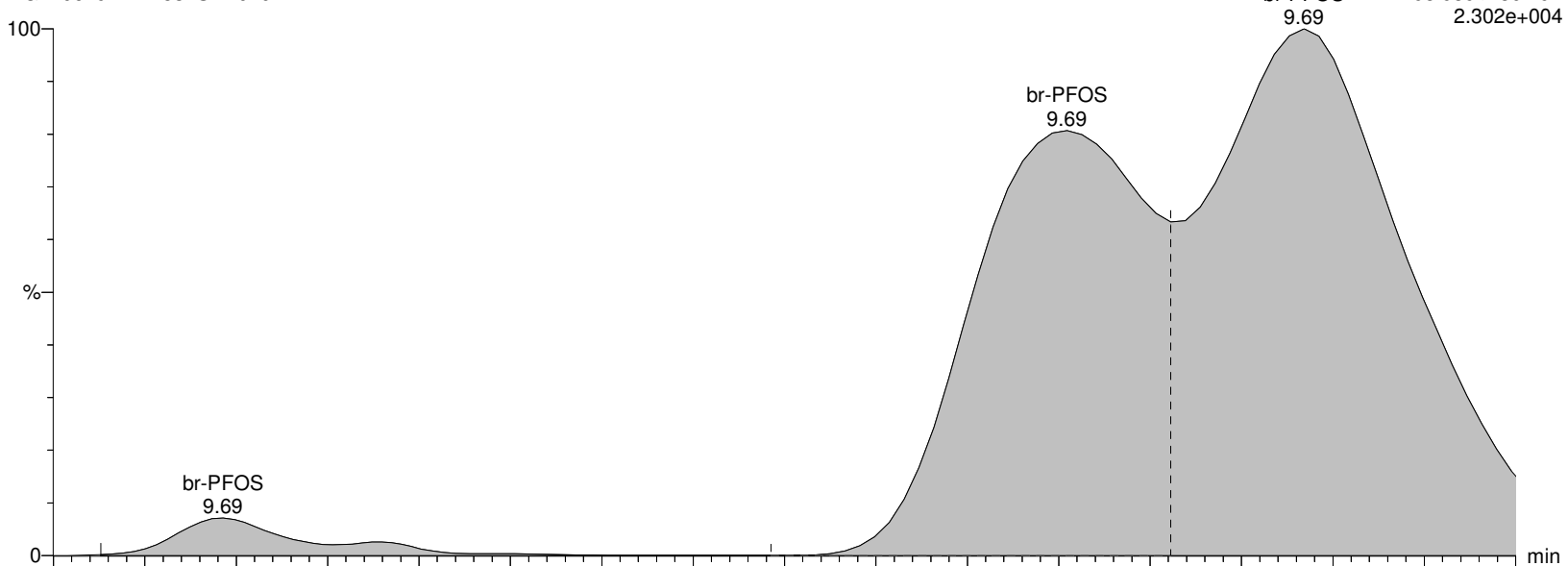
Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOS

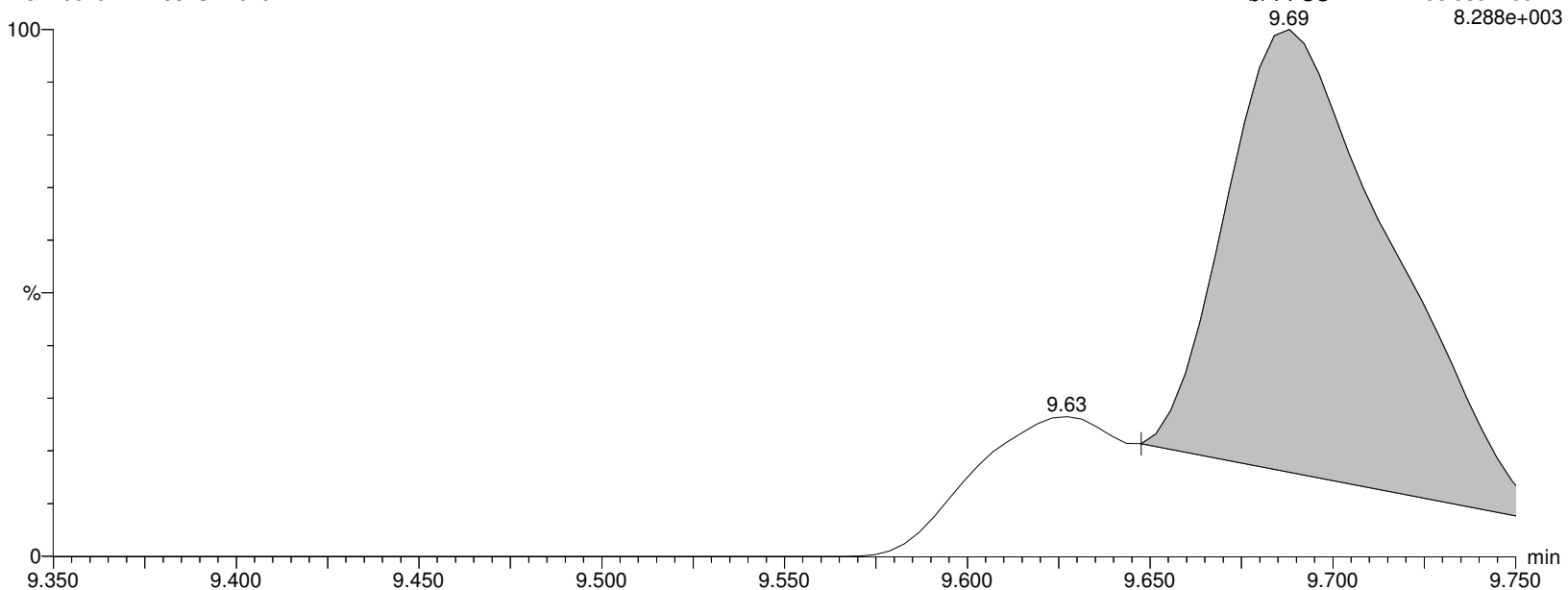
I2268 Smooth(Mn,3x2)

WG1206794 IA2-537STD010



I2268 Smooth(Mn,3x2)

WG1206794 IA2-537STD010



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOS

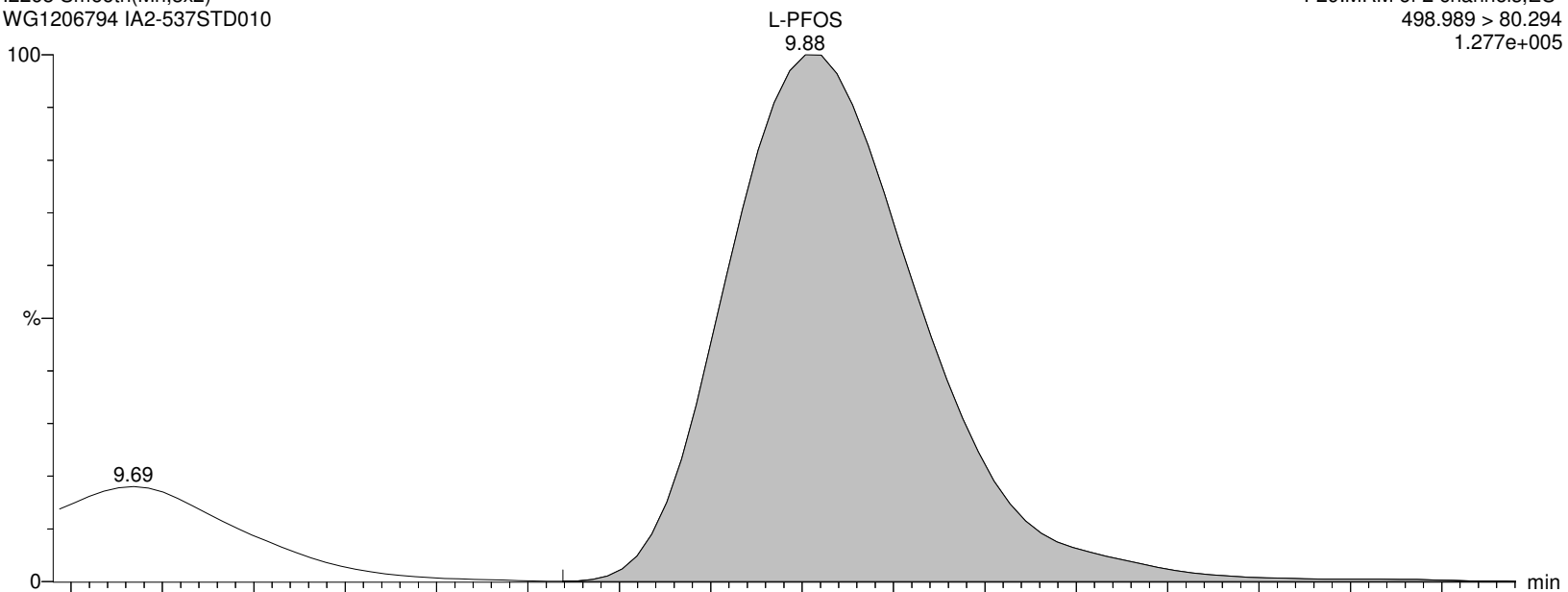
I2268 Smooth(Mn,3x2)

WG1206794 IA2-537STD010

F29:MRM of 2 channels,ES-

498.989 > 80.294

1.277e+005



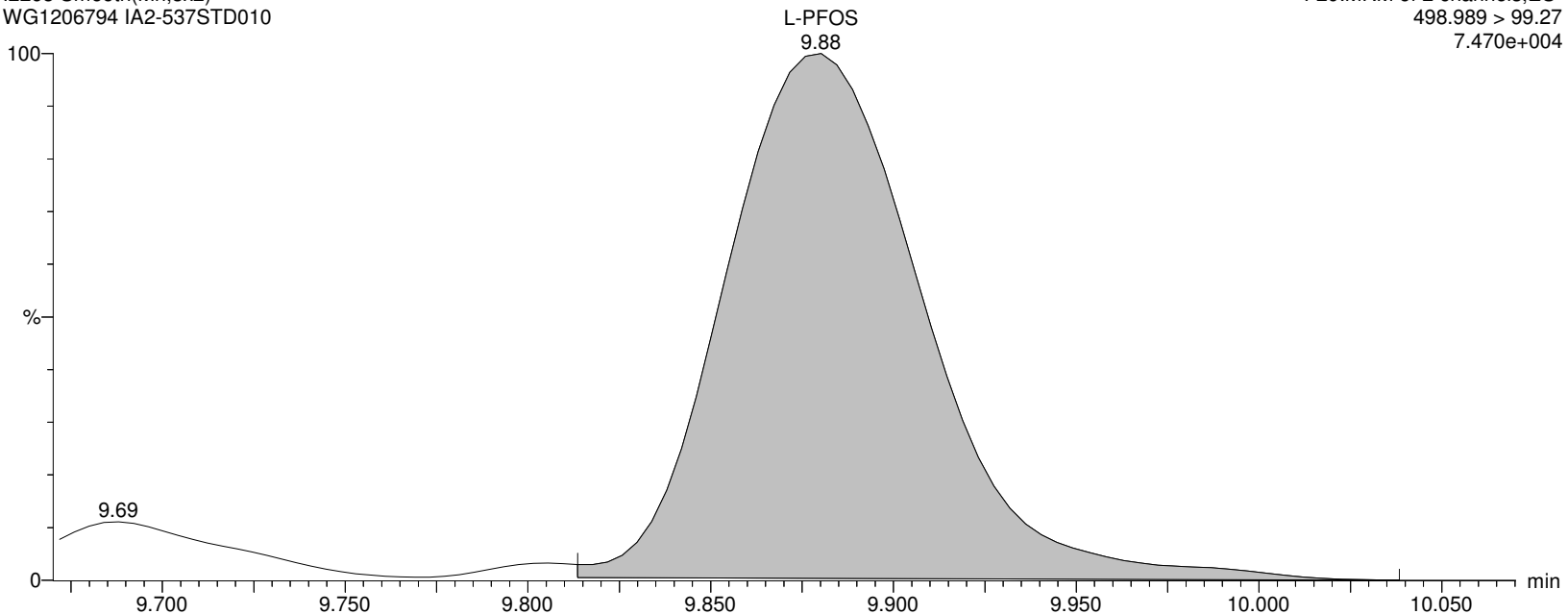
I2268 Smooth(Mn,3x2)

WG1206794 IA2-537STD010

F29:MRM of 2 channels,ES-

498.989 > 99.27

7.470e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOS

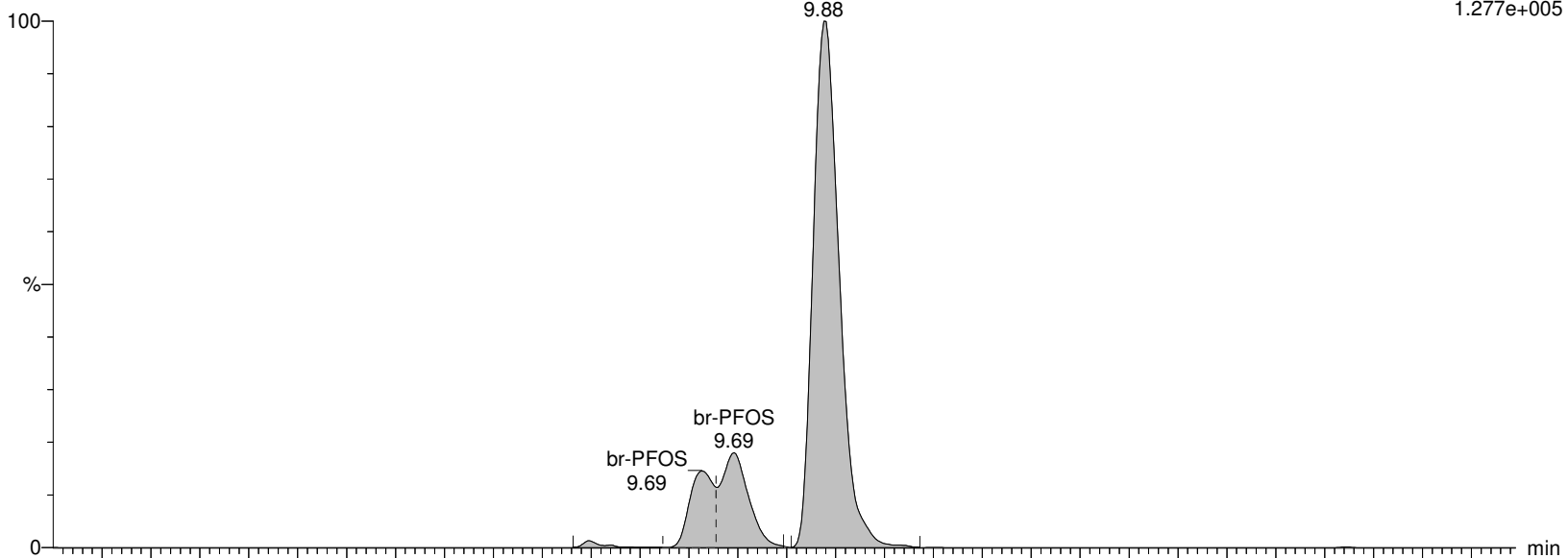
I2268 Smooth(Mn,3x2)

WG1206794 IA2-537STD010

F29:MRM of 2 channels,ES-

498.989 > 80.294

1.277e+005



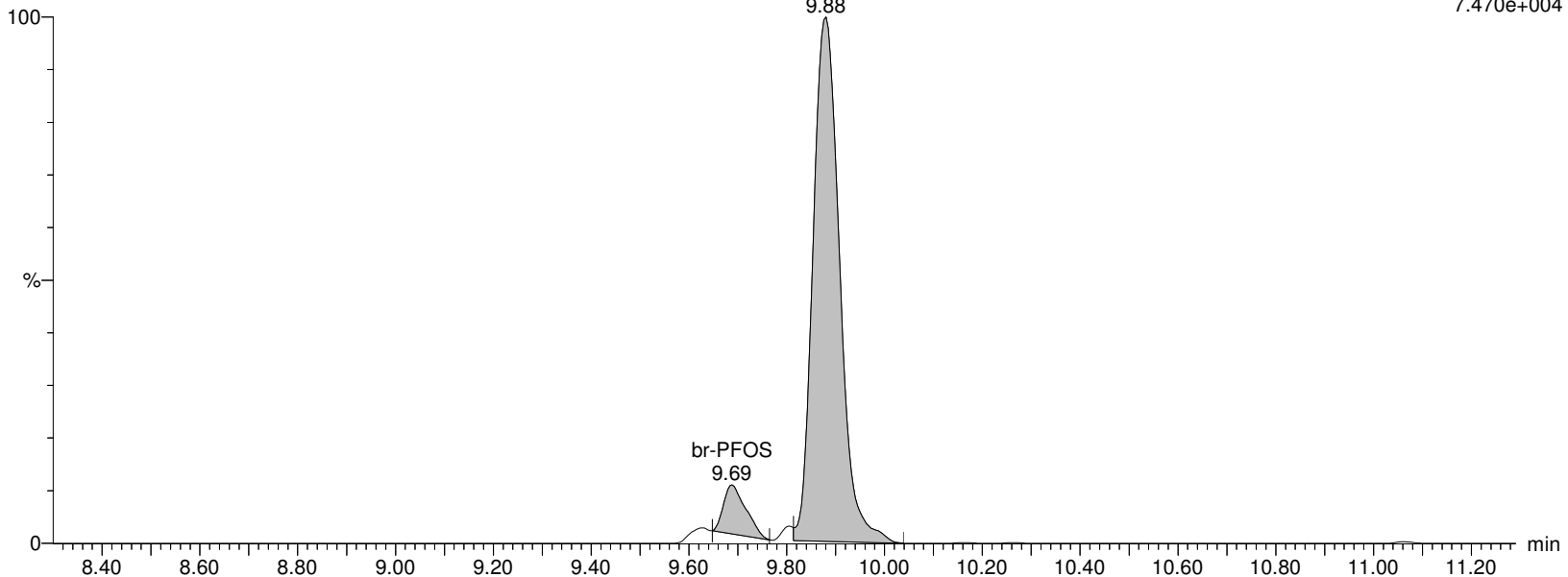
I2268 Smooth(Mn,3x2)

WG1206794 IA2-537STD010

F29:MRM of 2 channels,ES-

498.989 > 99.27

7.470e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFOS

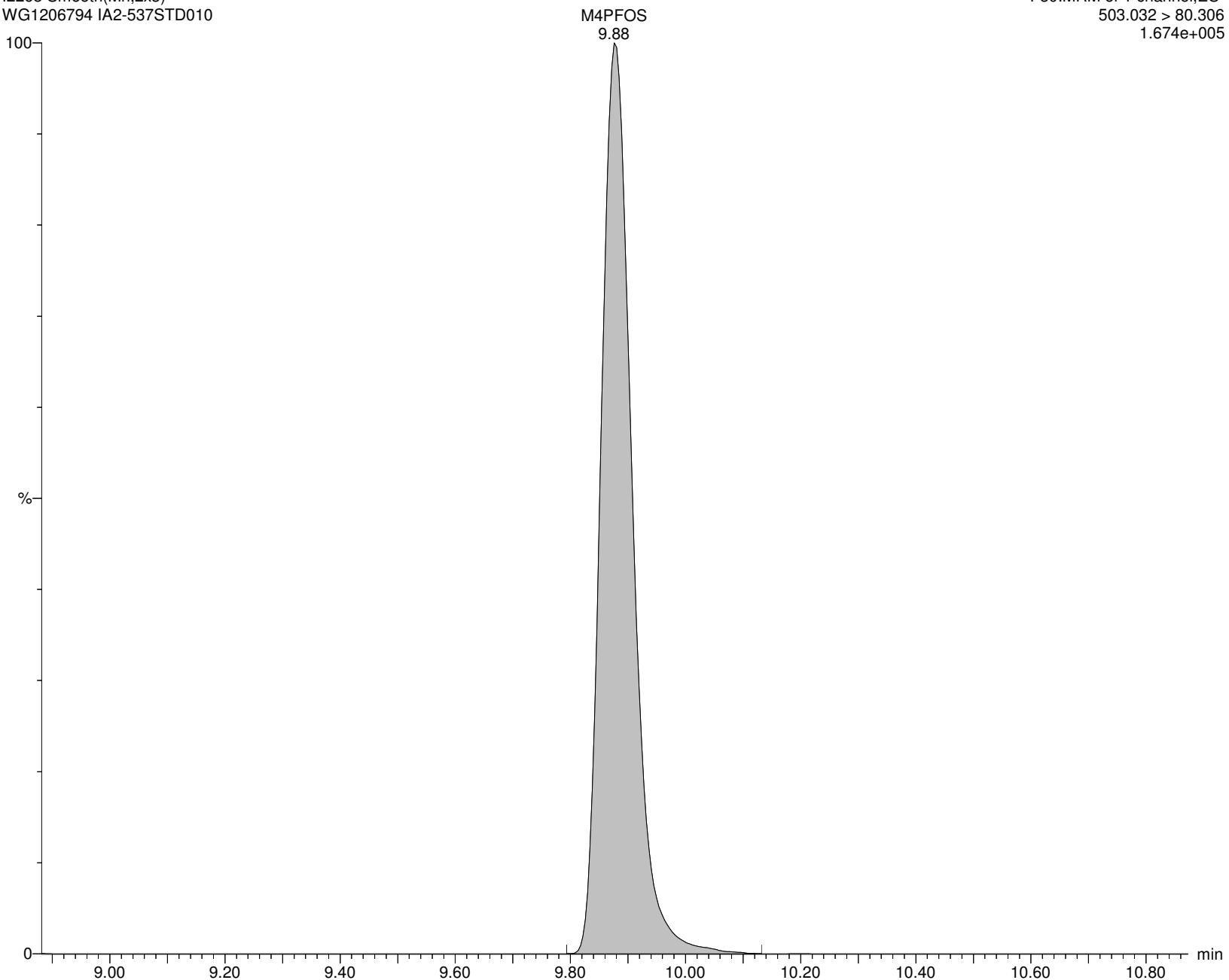
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F30:MRM of 1 channel,ES-

503.032 > 80.306

1.674e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOS

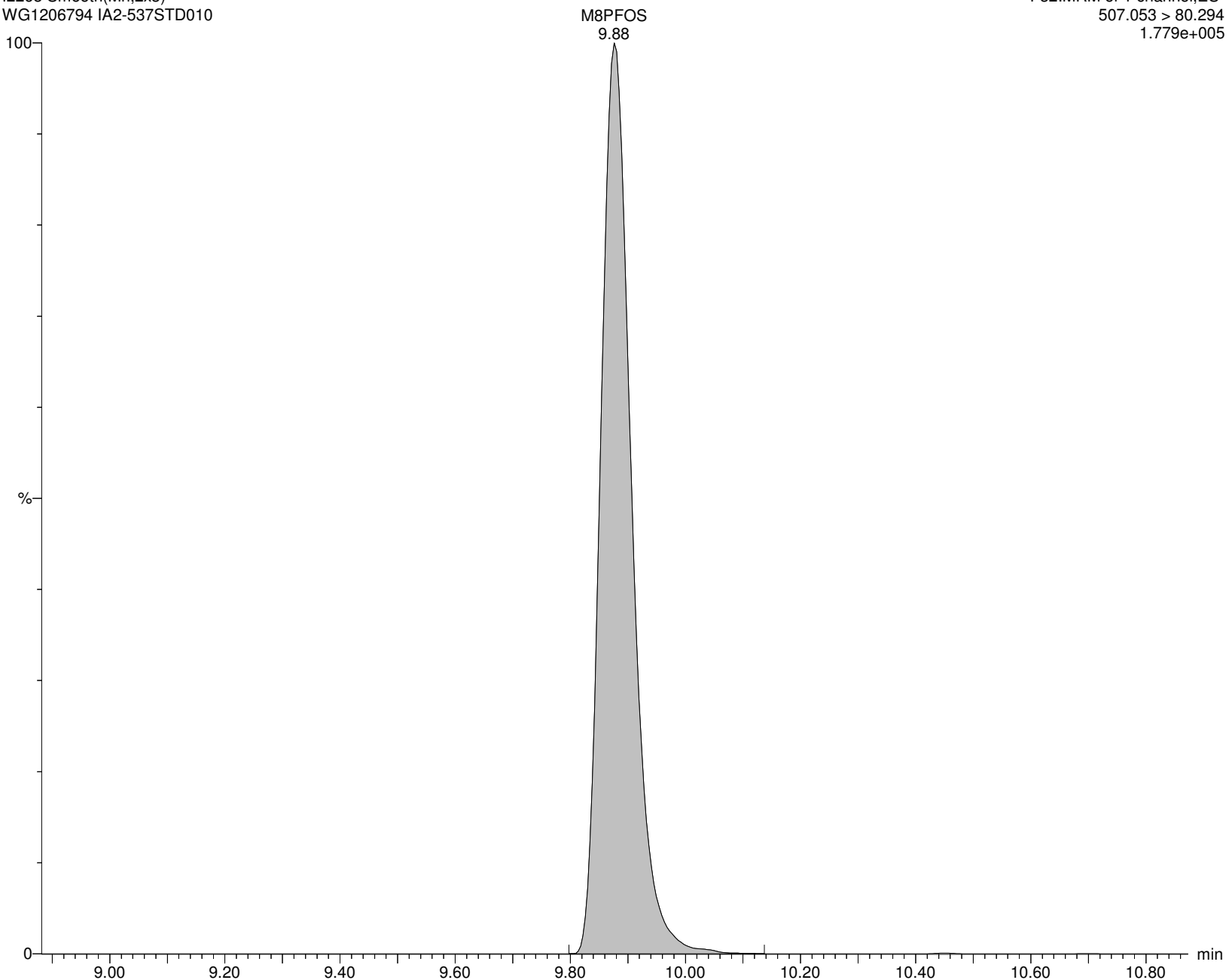
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F32:MRM of 1 channel,ES-

507.053 > 80.294

1.779e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDA

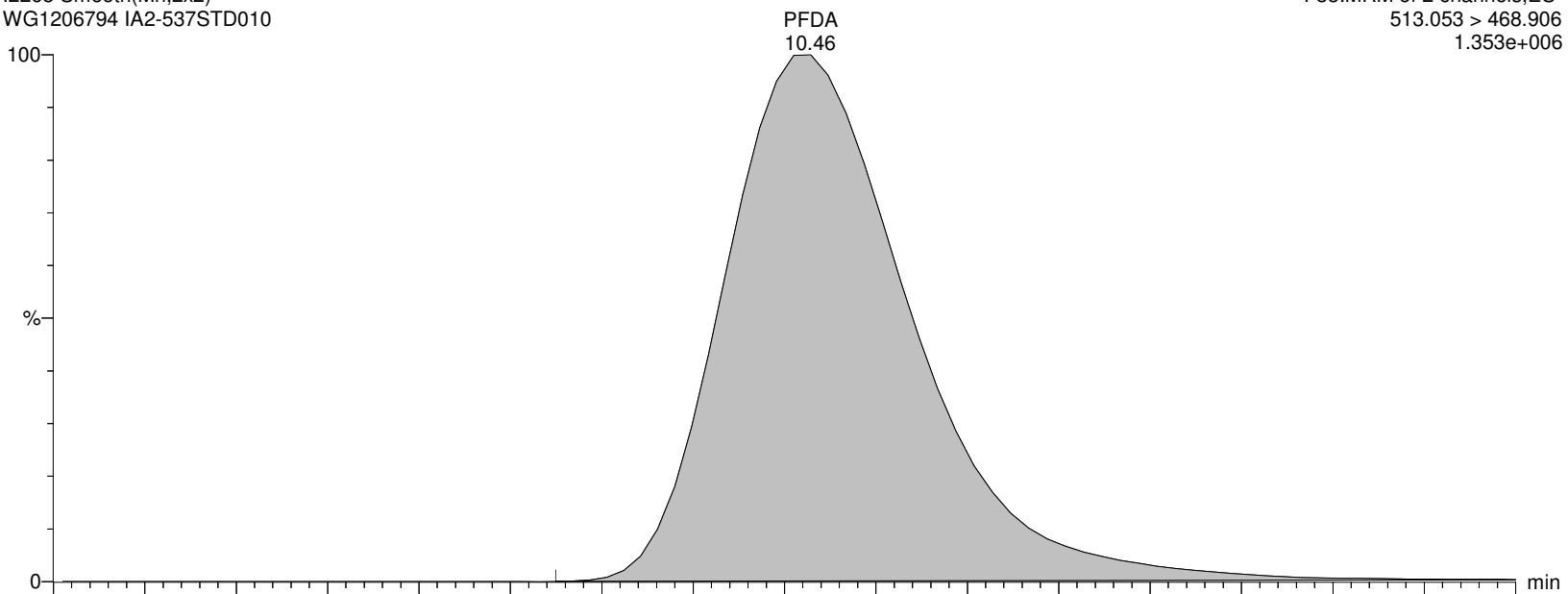
I2268 Smooth(Mn,2x2)

WG1206794 IA2-537STD010

F33:MRM of 2 channels,ES-

513.053 > 468.906

1.353e+006



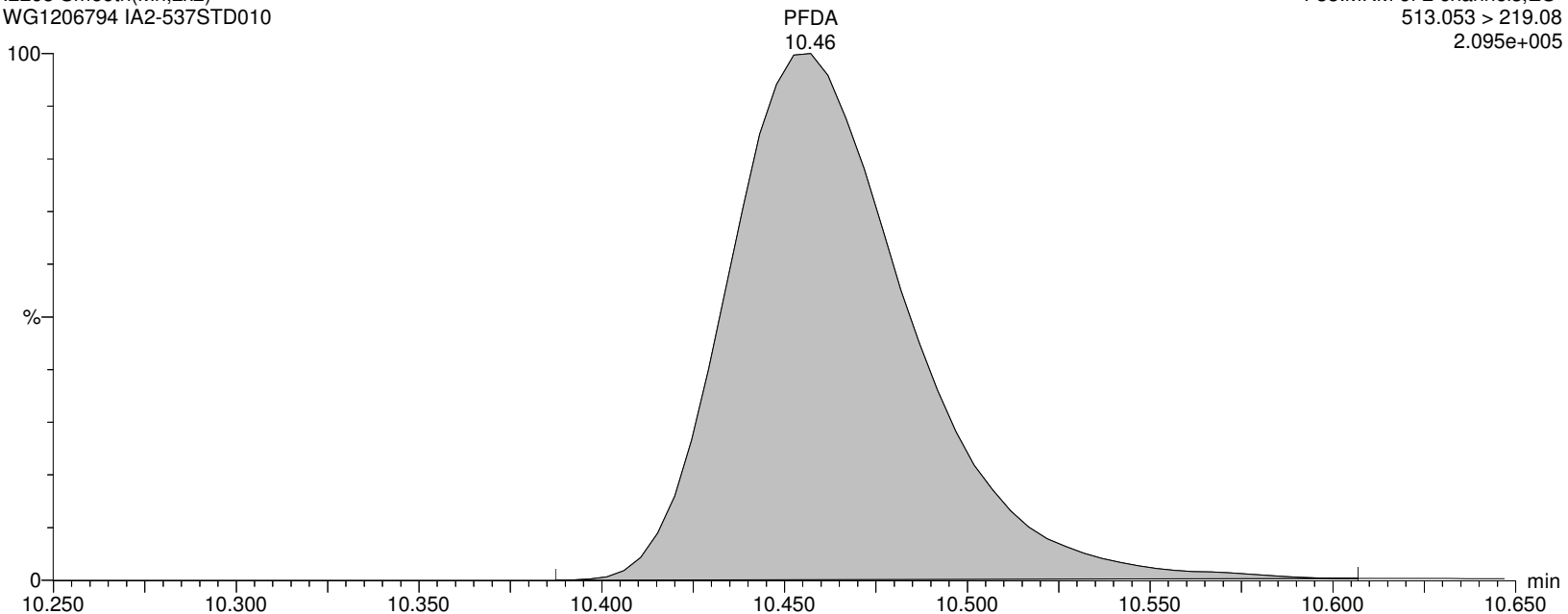
I2268 Smooth(Mn,2x2)

WG1206794 IA2-537STD010

F33:MRM of 2 channels,ES-

513.053 > 219.08

2.095e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFDA

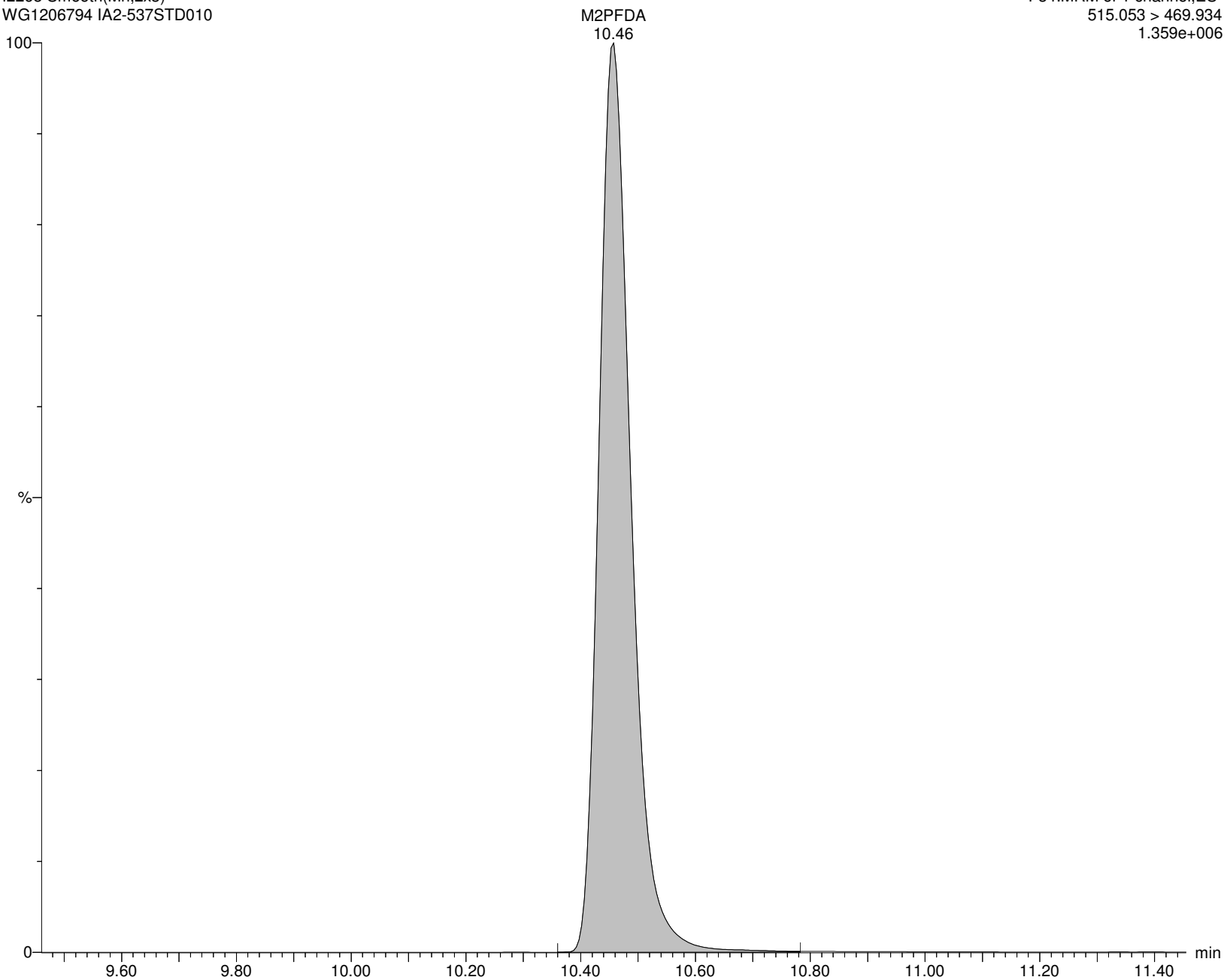
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F34:MRM of 1 channel,ES-

515.053 > 469.934

1.359e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M6PFDA

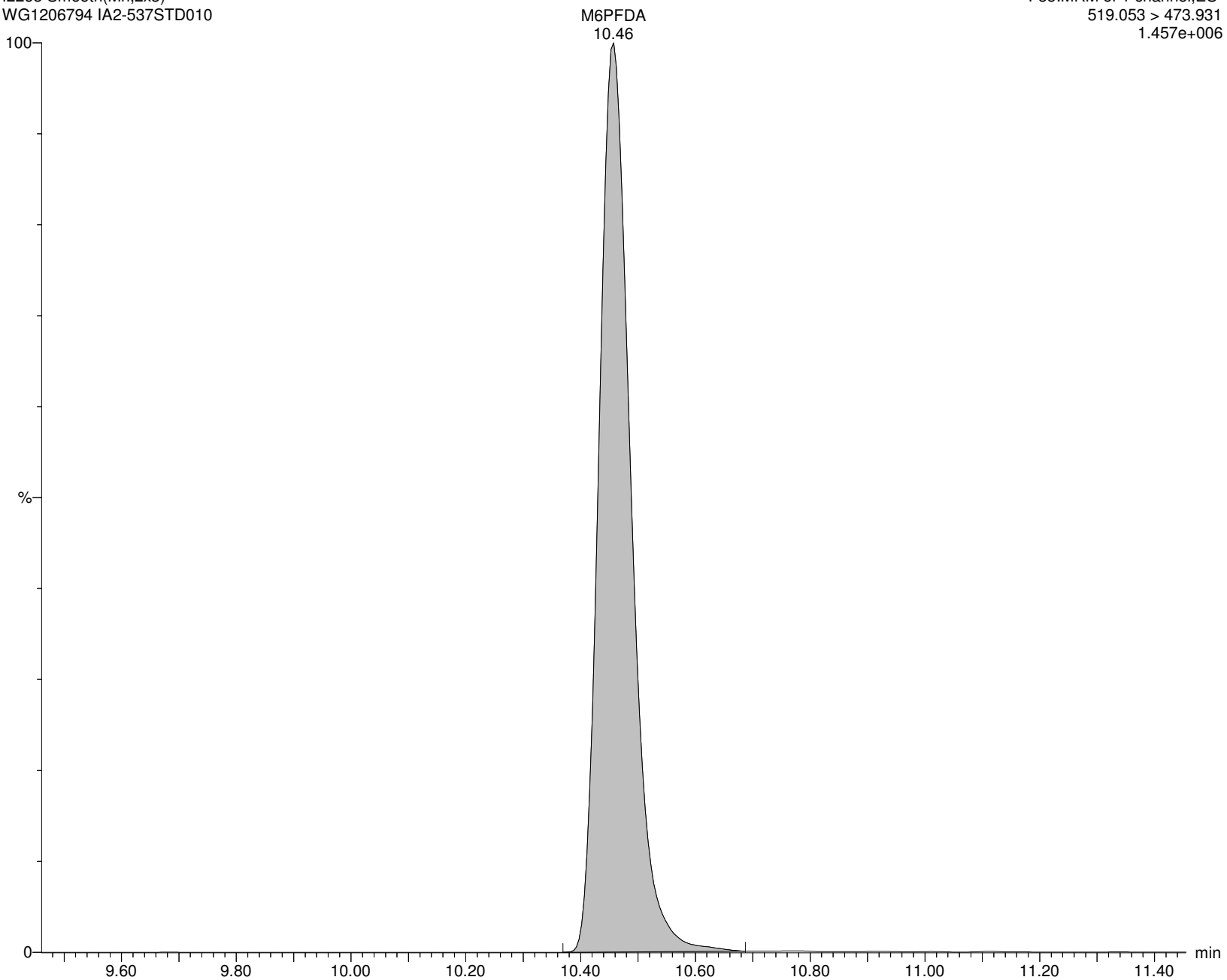
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F35:MRM of 1 channel,ES-

519.053 > 473.931

1.457e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

8:2FTS

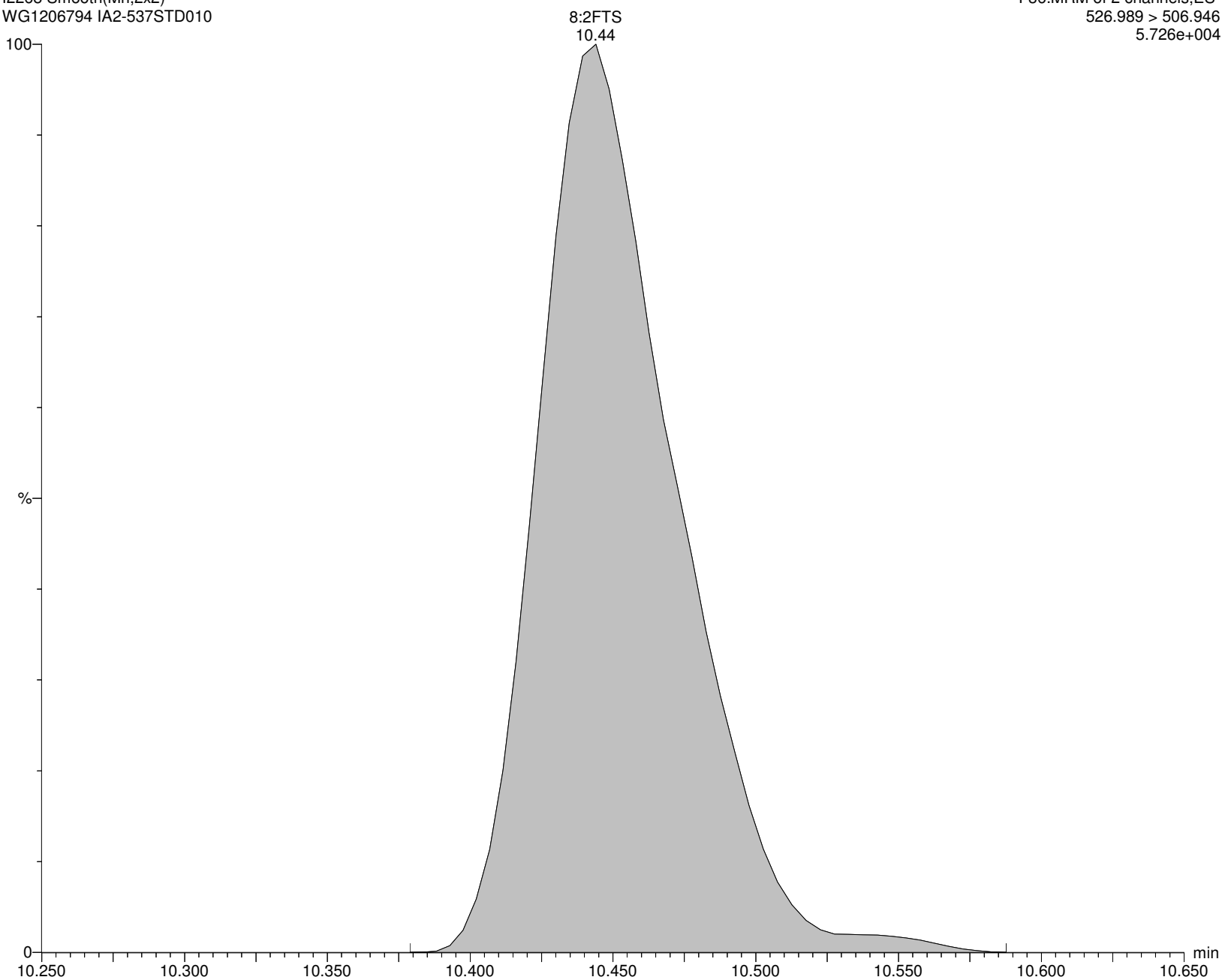
I2268 Smooth(Mn,2x2)

WG1206794 IA2-537STD010

F36:MRM of 2 channels,ES-

526.989 > 506.946

5.726e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-8:2FTS

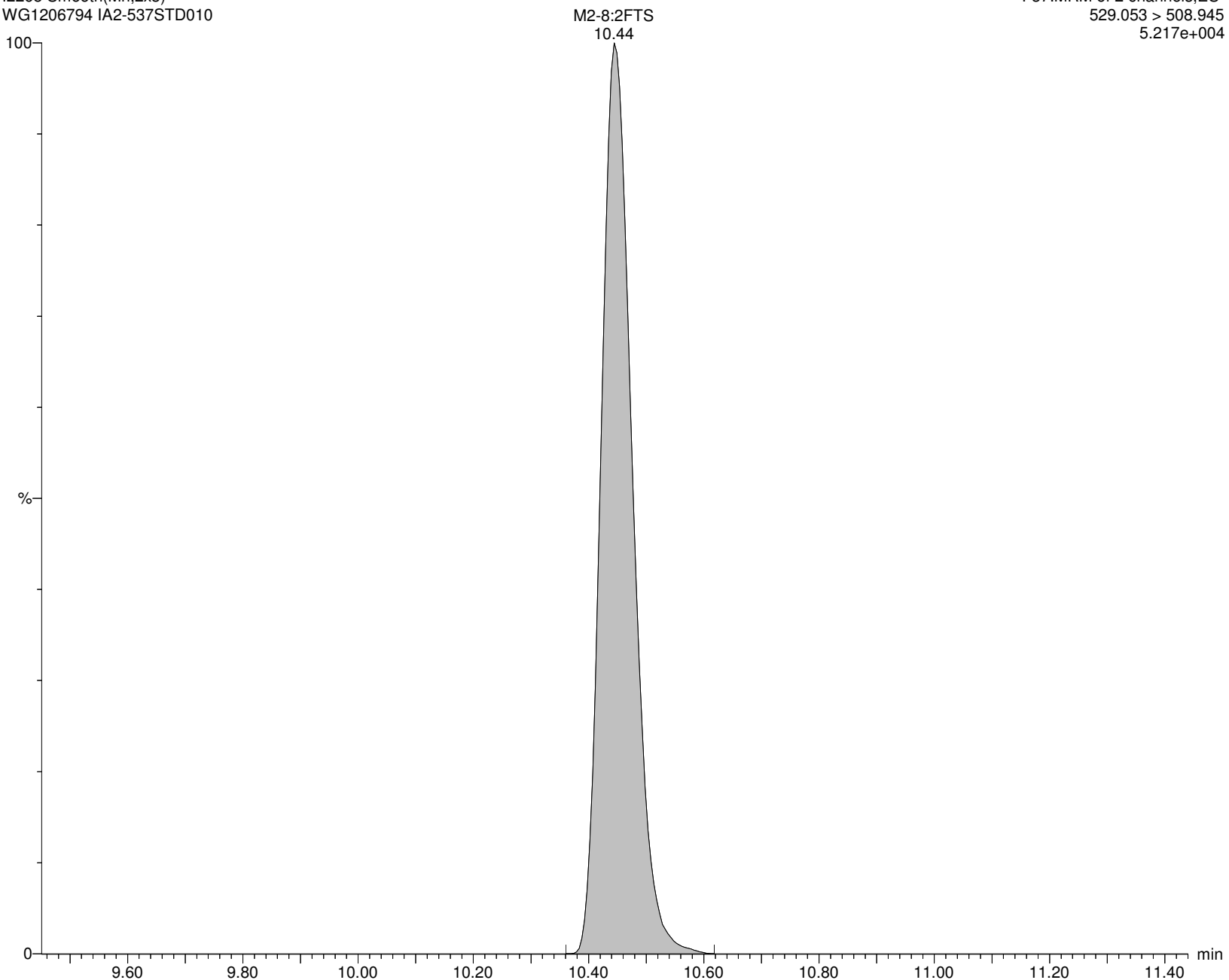
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F37:MRM of 2 channels,ES-

529.053 > 508.945

5.217e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNS

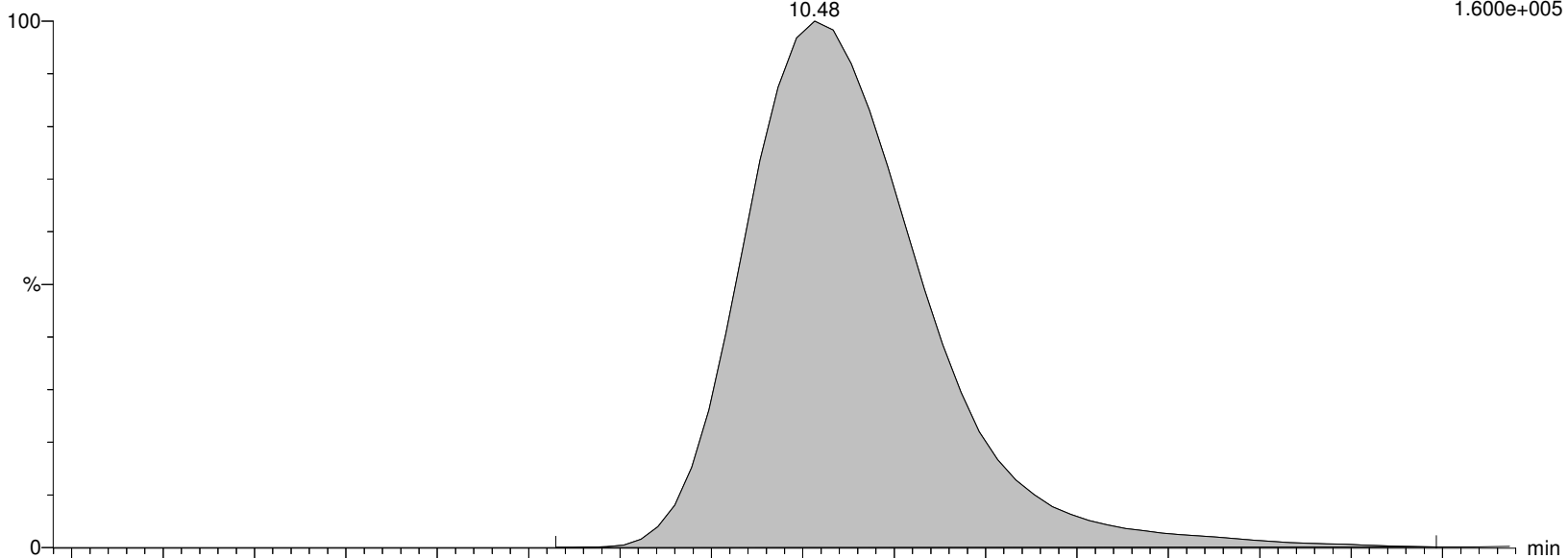
I2268 Smooth(Mn,2x2)

WG1206794 IA2-537STD010

F39:MRM of 2 channels,ES-

548.989 > 80.249

1.600e+005



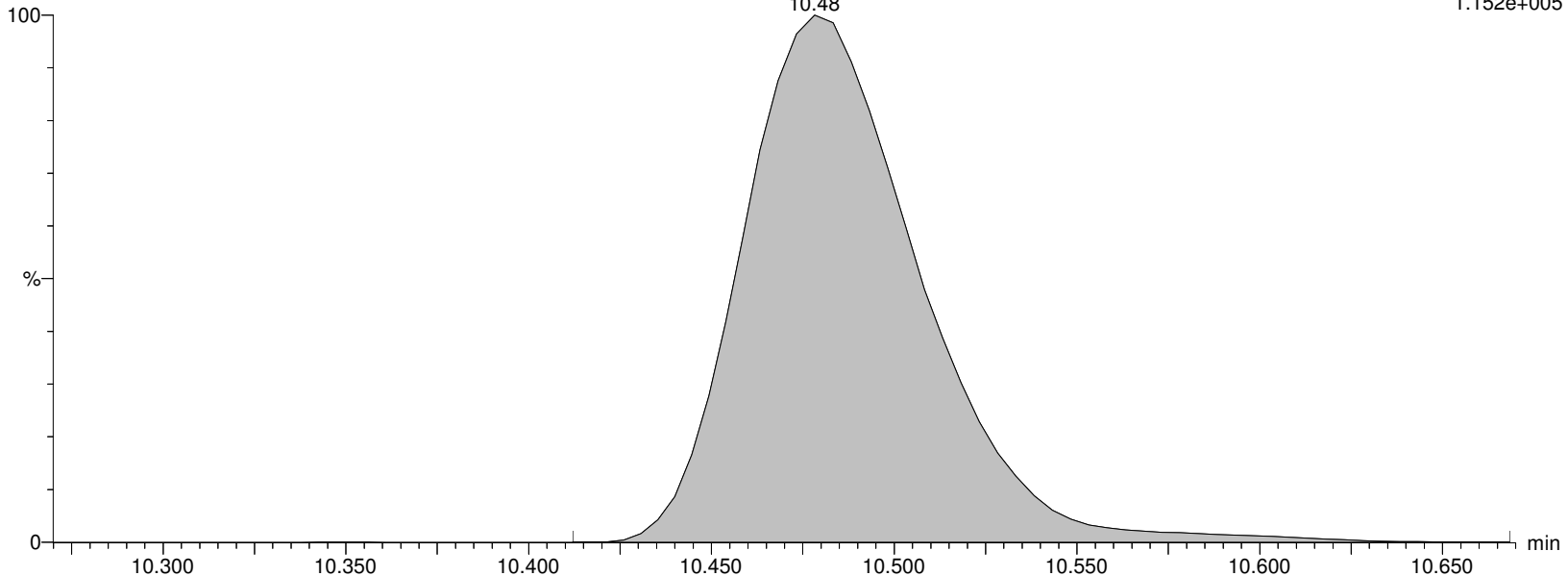
I2268 Smooth(Mn,2x2)

WG1206794 IA2-537STD010

F39:MRM of 2 channels,ES-

548.989 > 99.22

1.152e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d3-NMeFOSAA

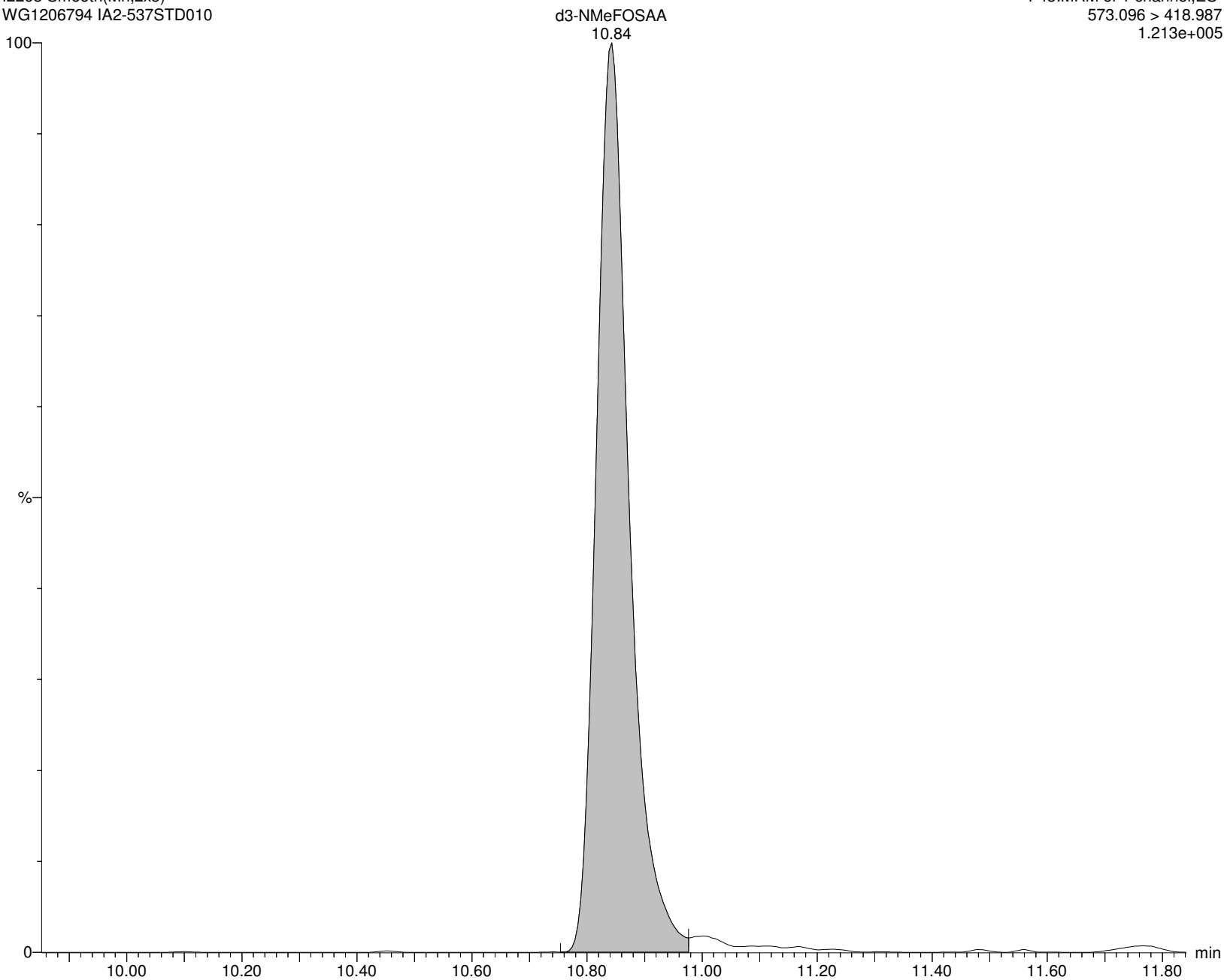
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F43:MRM of 1 channel,ES-

573.096 > 418.987

1.213e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NMeFOSAA

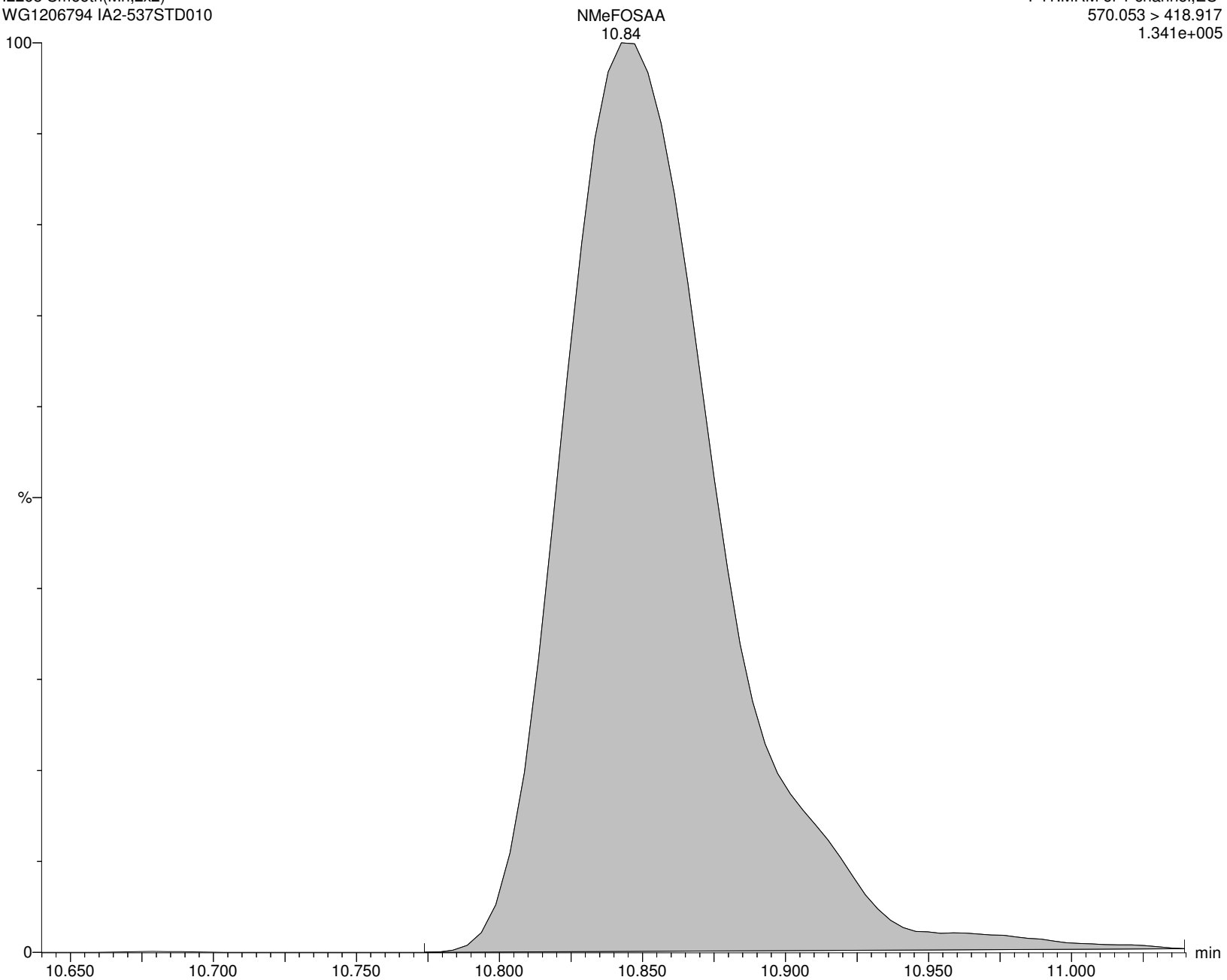
I2268 Smooth(Mn,2x2)

WG1206794 IA2-537STD010

F41:MRM of 1 channel,ES-

570.053 > 418.917

1.341e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFUnA

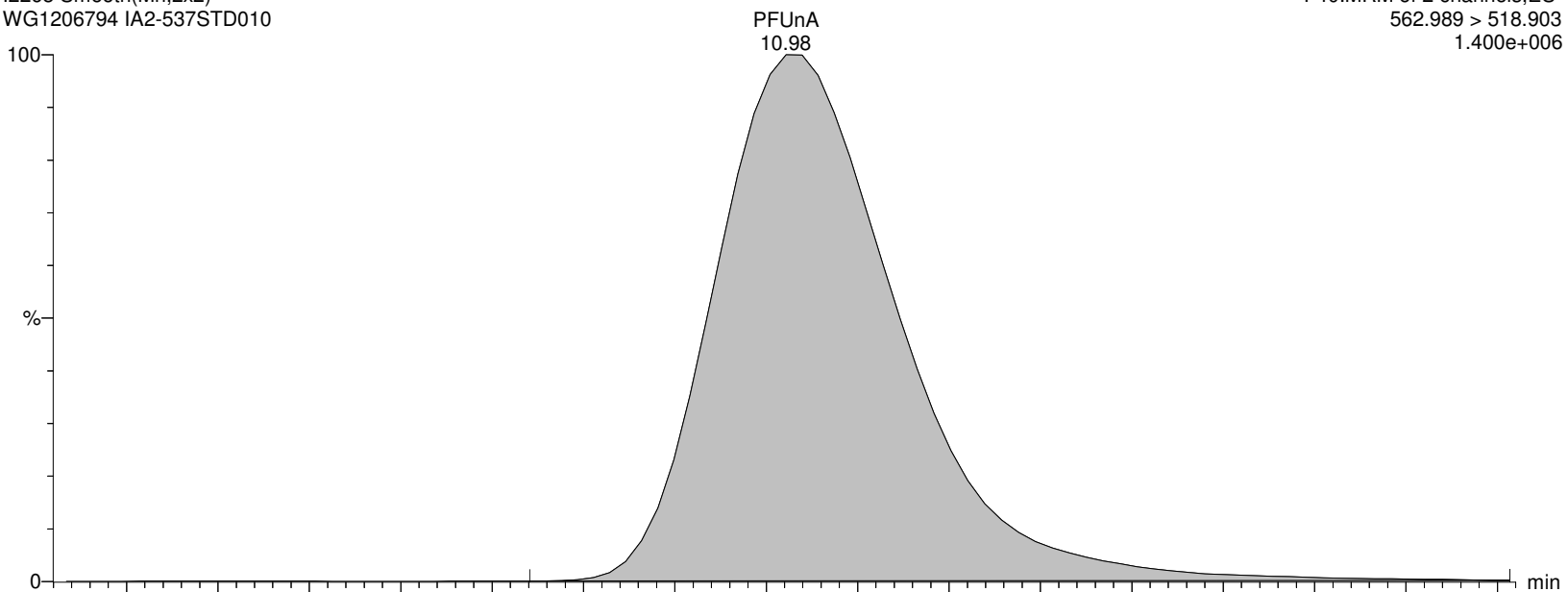
I2268 Smooth(Mn,2x2)

WG1206794 IA2-537STD010

F40:MRM of 2 channels,ES-

562.989 > 518.903

1.400e+006



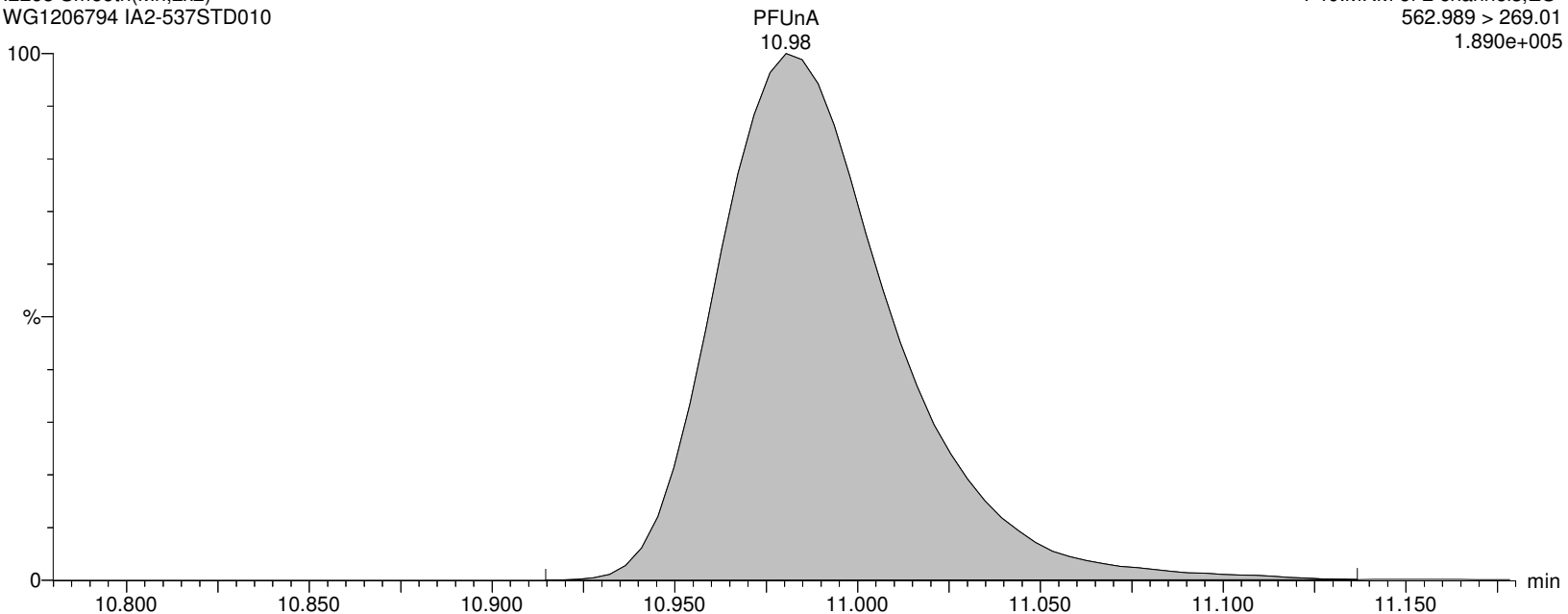
I2268 Smooth(Mn,2x2)

WG1206794 IA2-537STD010

F40:MRM of 2 channels,ES-

562.989 > 269.01

1.890e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M7-PFUDA

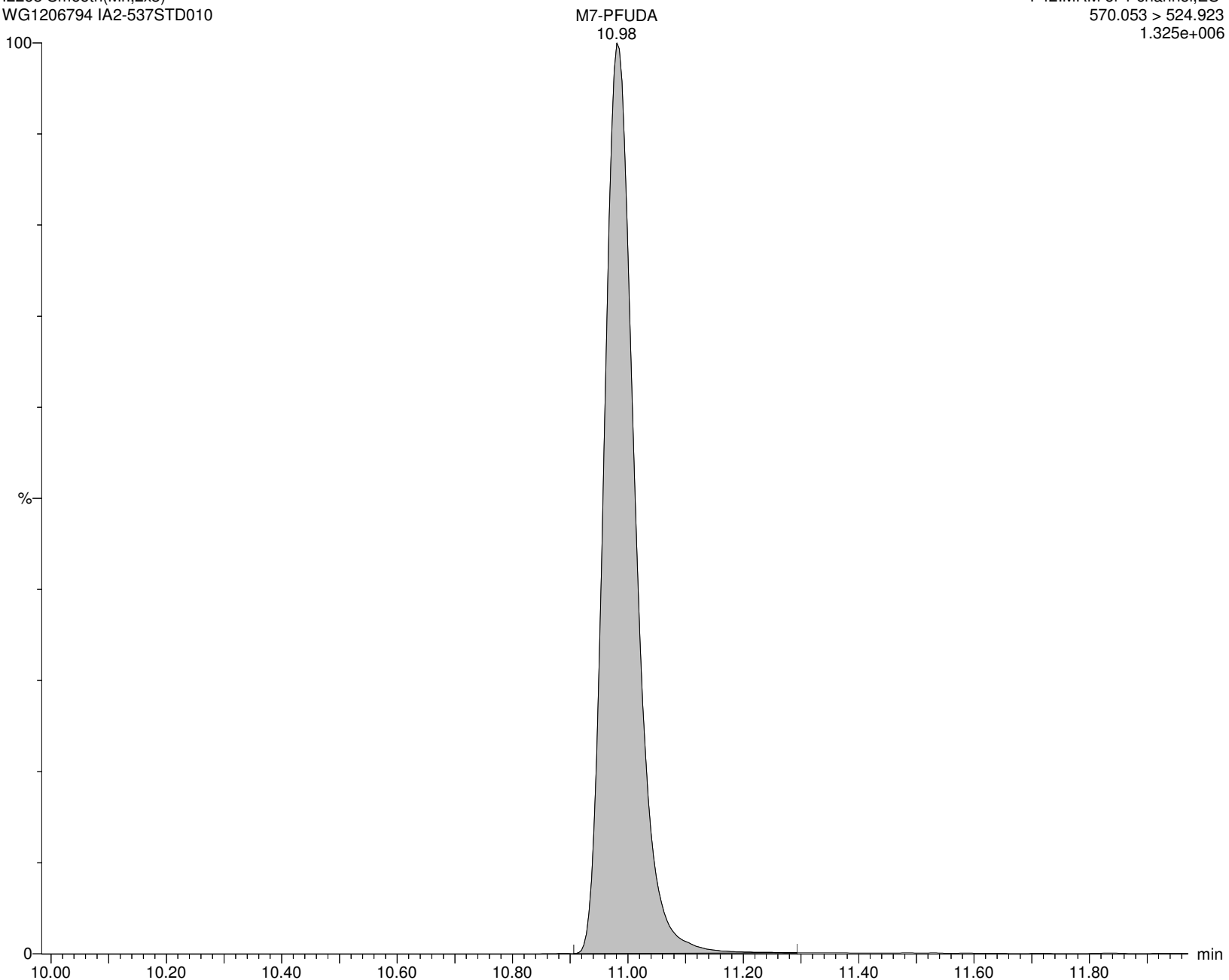
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F42:MRM of 1 channel,ES-

570.053 > 524.923

1.325e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDS

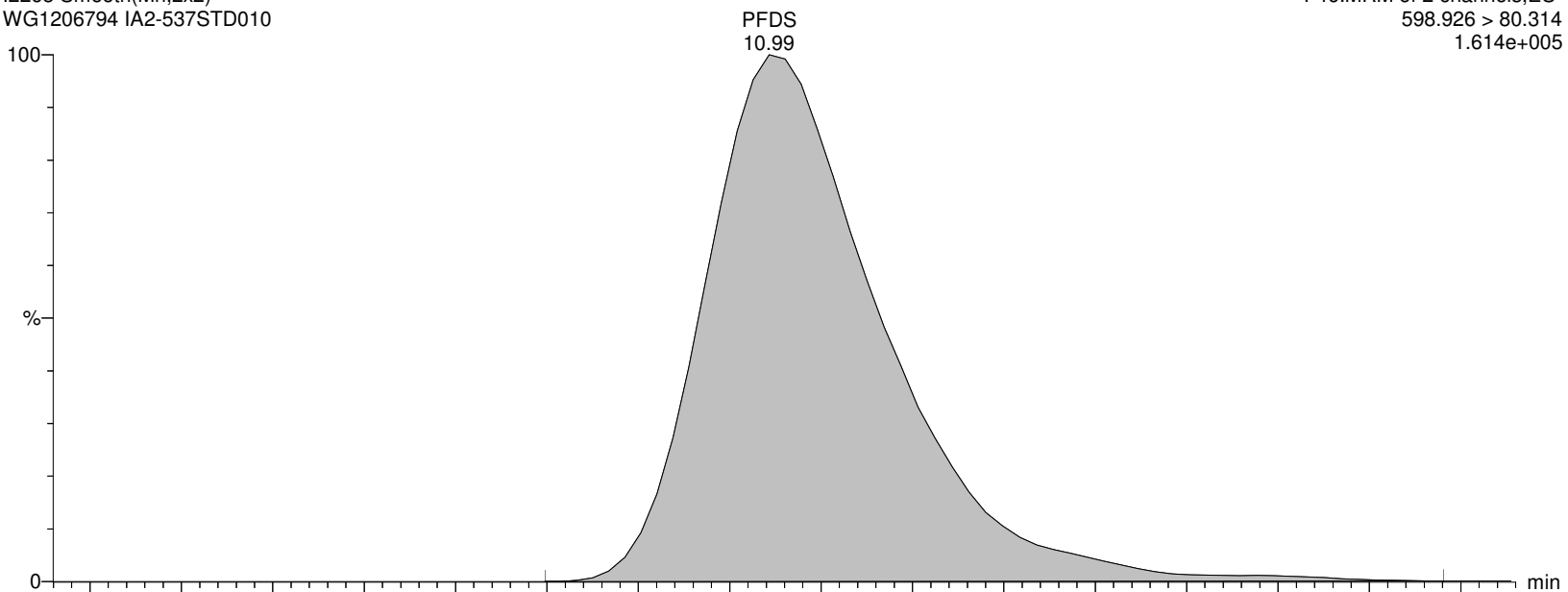
I2268 Smooth(Mn,2x2)

WG1206794 IA2-537STD010

F46:MRM of 2 channels,ES-

598.926 > 80.314

1.614e+005



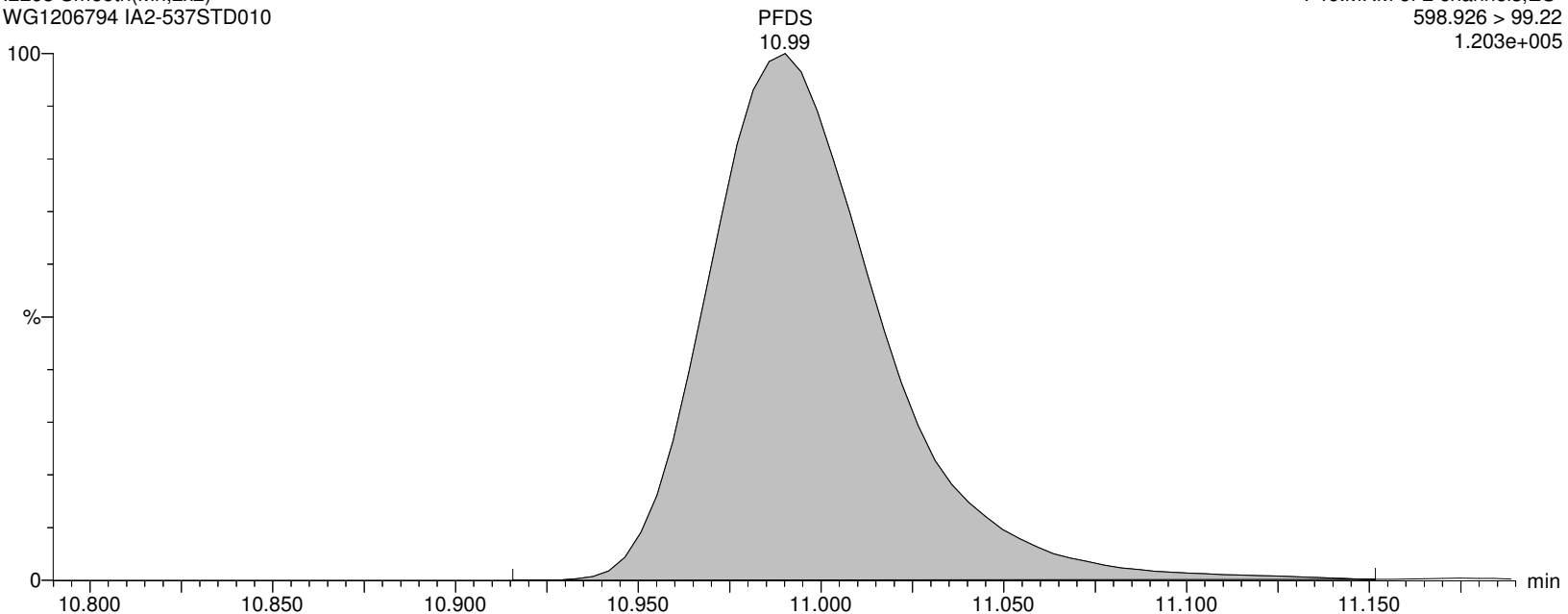
I2268 Smooth(Mn,2x2)

WG1206794 IA2-537STD010

F46:MRM of 2 channels,ES-

598.926 > 99.22

1.203e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

FOSA

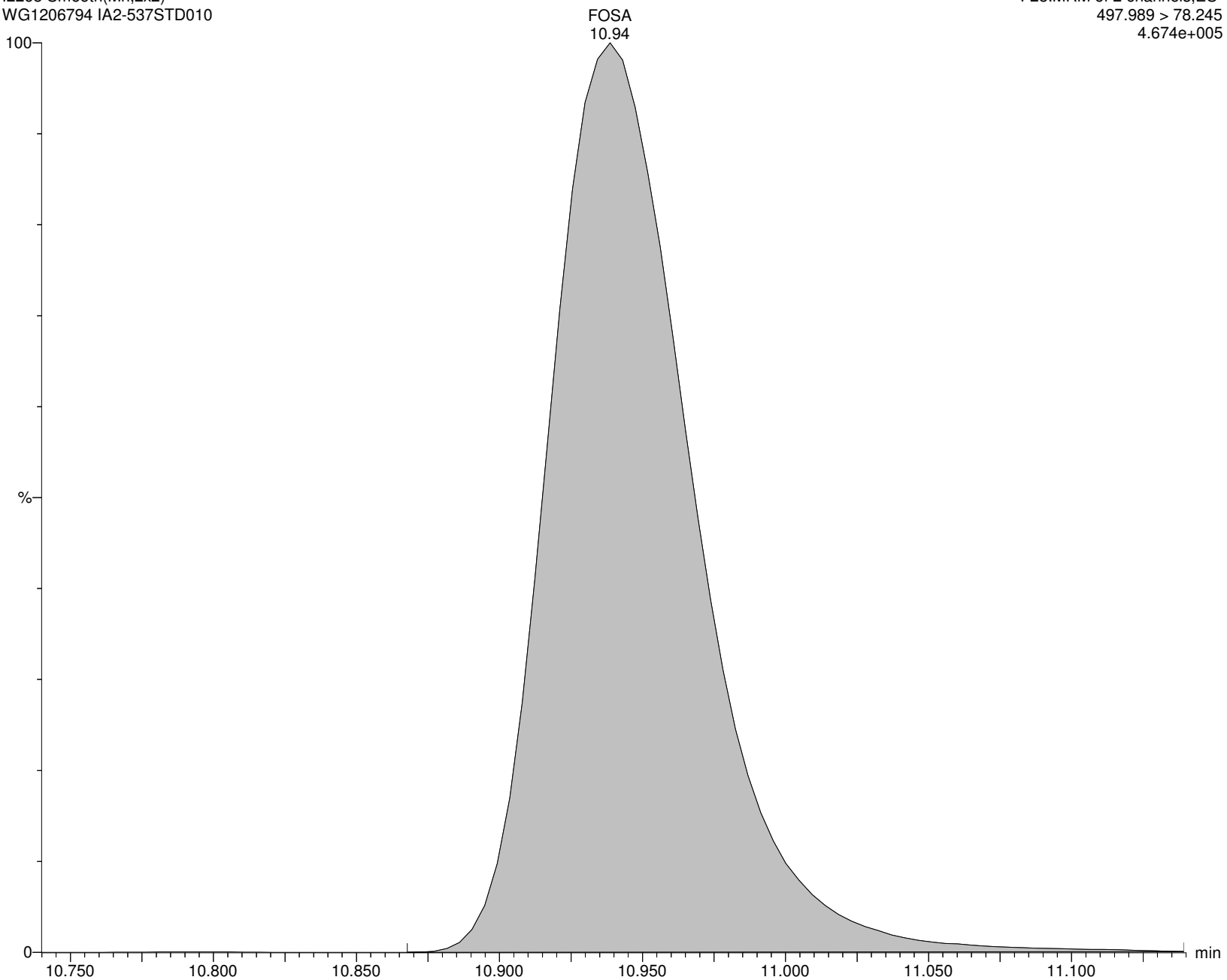
I2268 Smooth(Mn,2x2)

WG1206794 IA2-537STD010

F28:MRM of 2 channels,ES-

497.989 > 78.245

4.674e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8FOSA

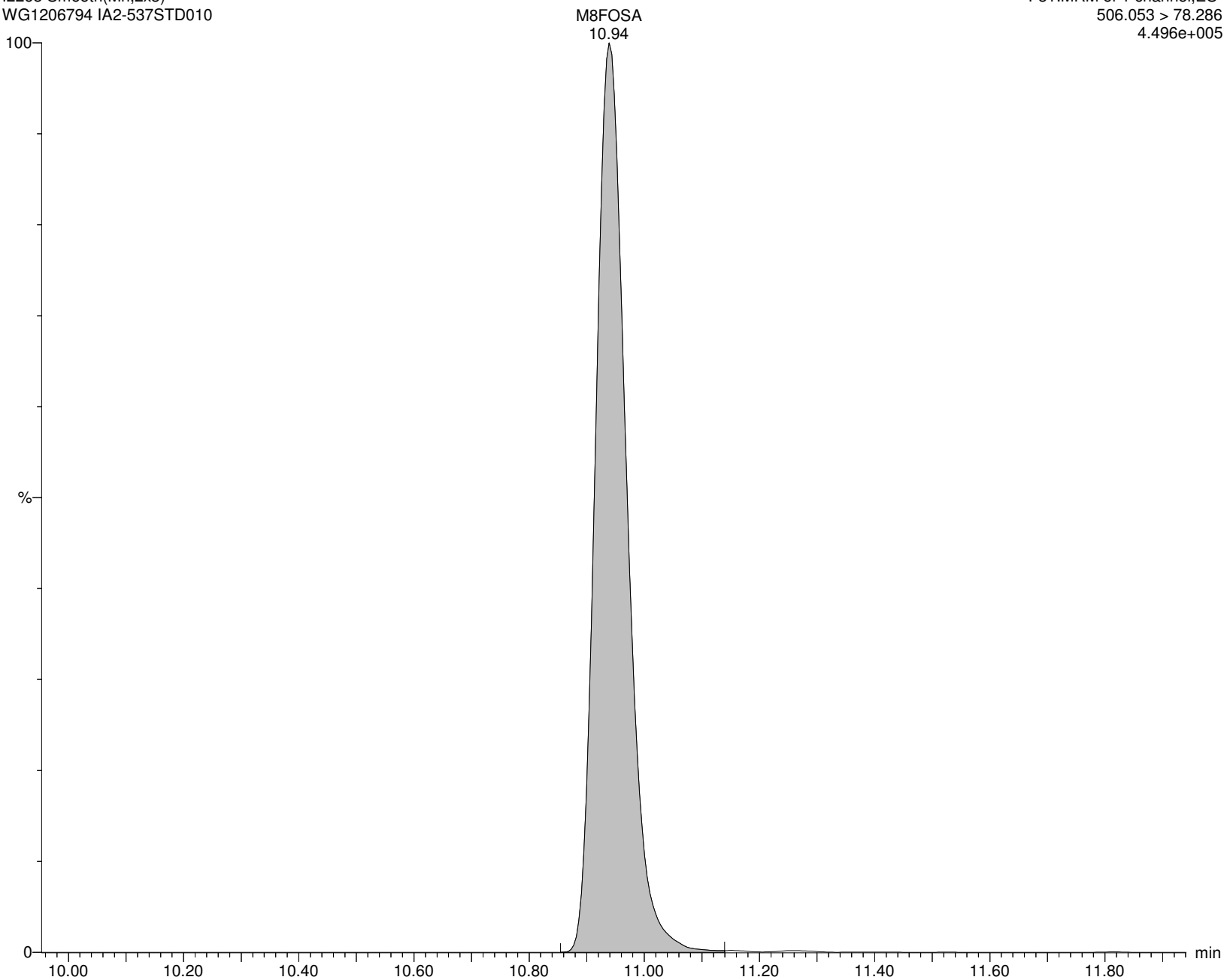
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F31:MRM of 1 channel,ES-

506.053 > 78.286

4.496e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d5-NEtFOSAA

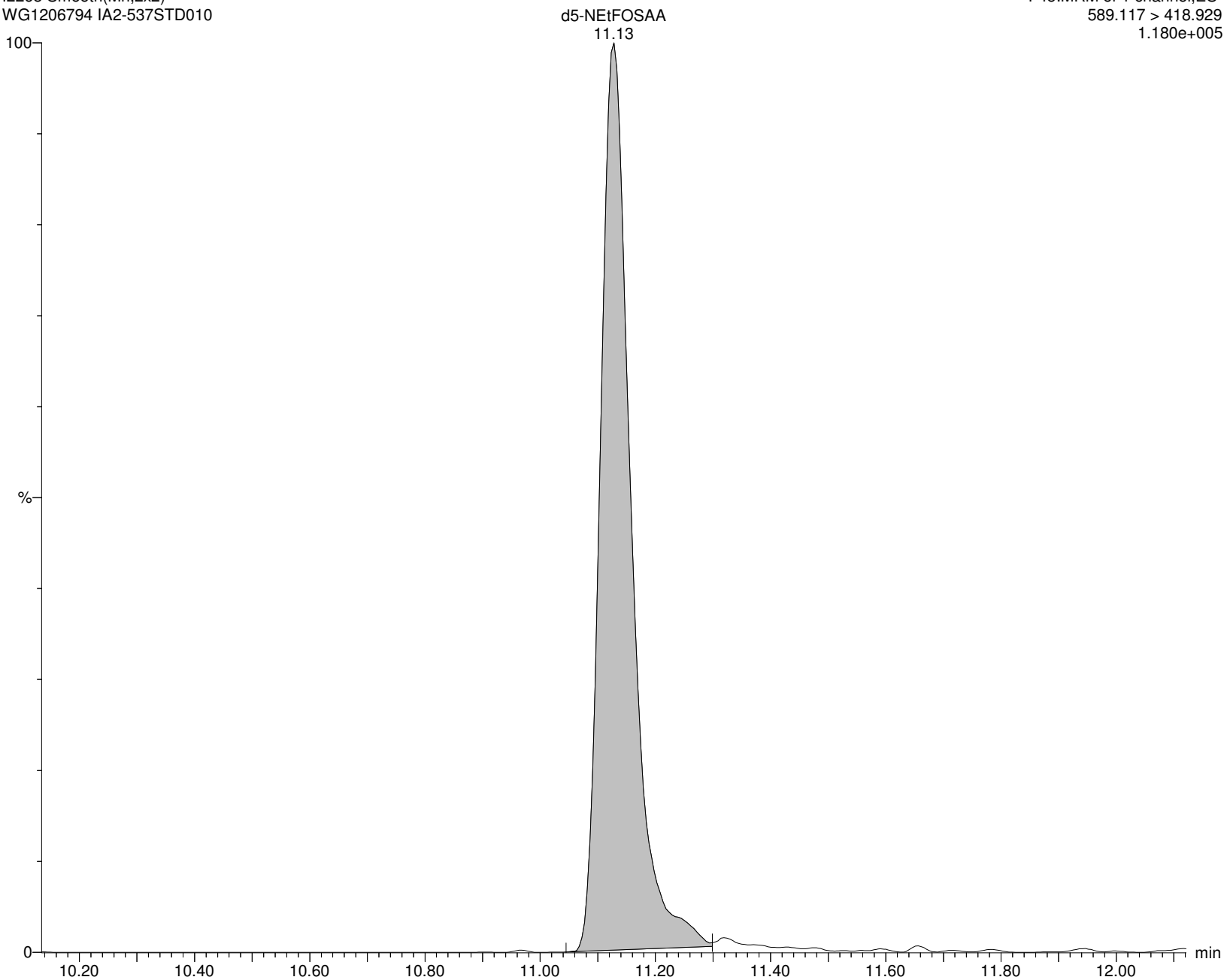
I2268 Smooth(Mn,2x2)

WG1206794 IA2-537STD010

F45:MRM of 1 channel,ES-

589.117 > 418.929

1.180e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NEtFOSAA

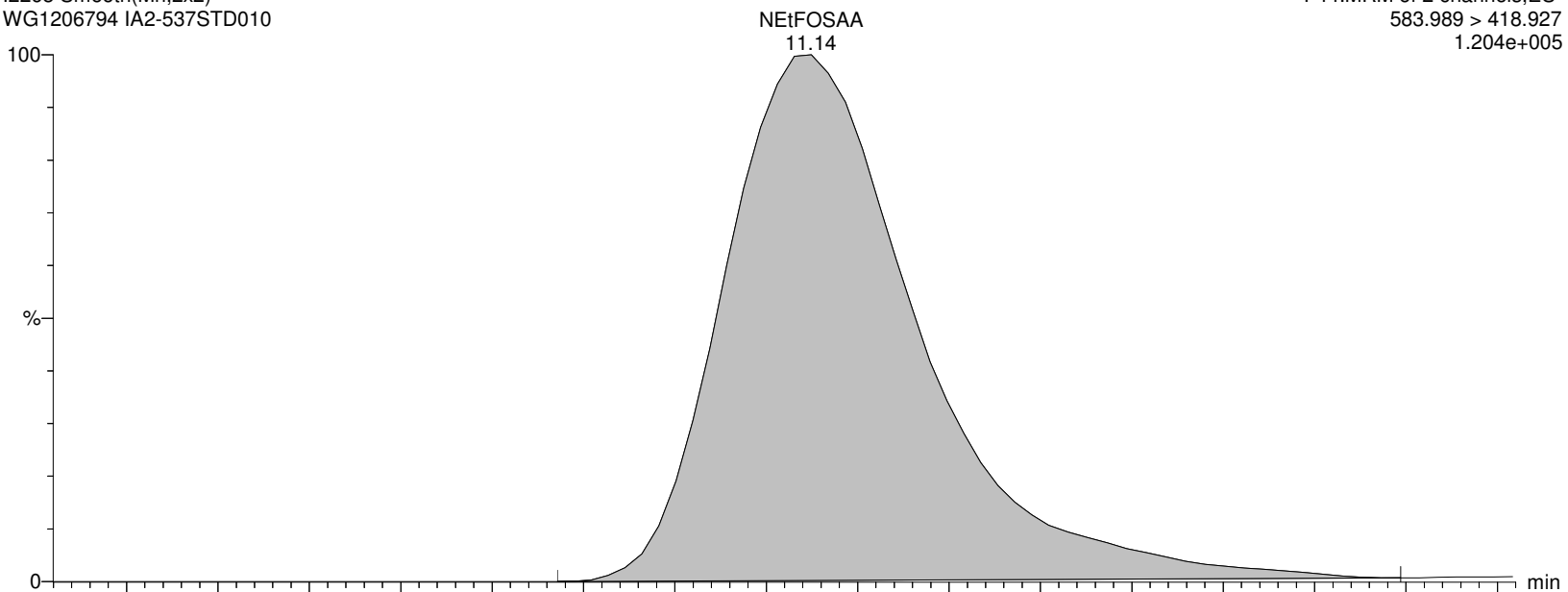
I2268 Smooth(Mn,2x2)

WG1206794 IA2-537STD010

F44:MRM of 2 channels,ES-

583.989 > 418.927

1.204e+005



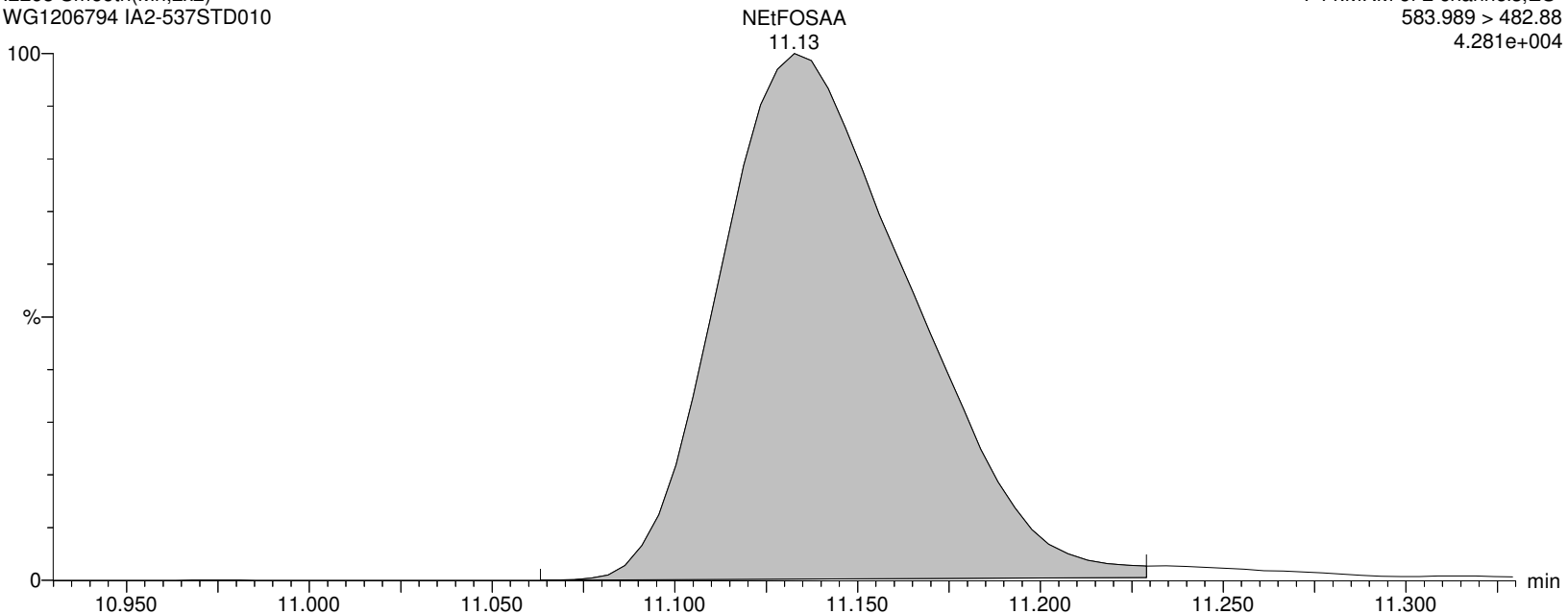
I2268 Smooth(Mn,2x2)

WG1206794 IA2-537STD010

F44:MRM of 2 channels,ES-

583.989 > 482.88

4.281e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDoA

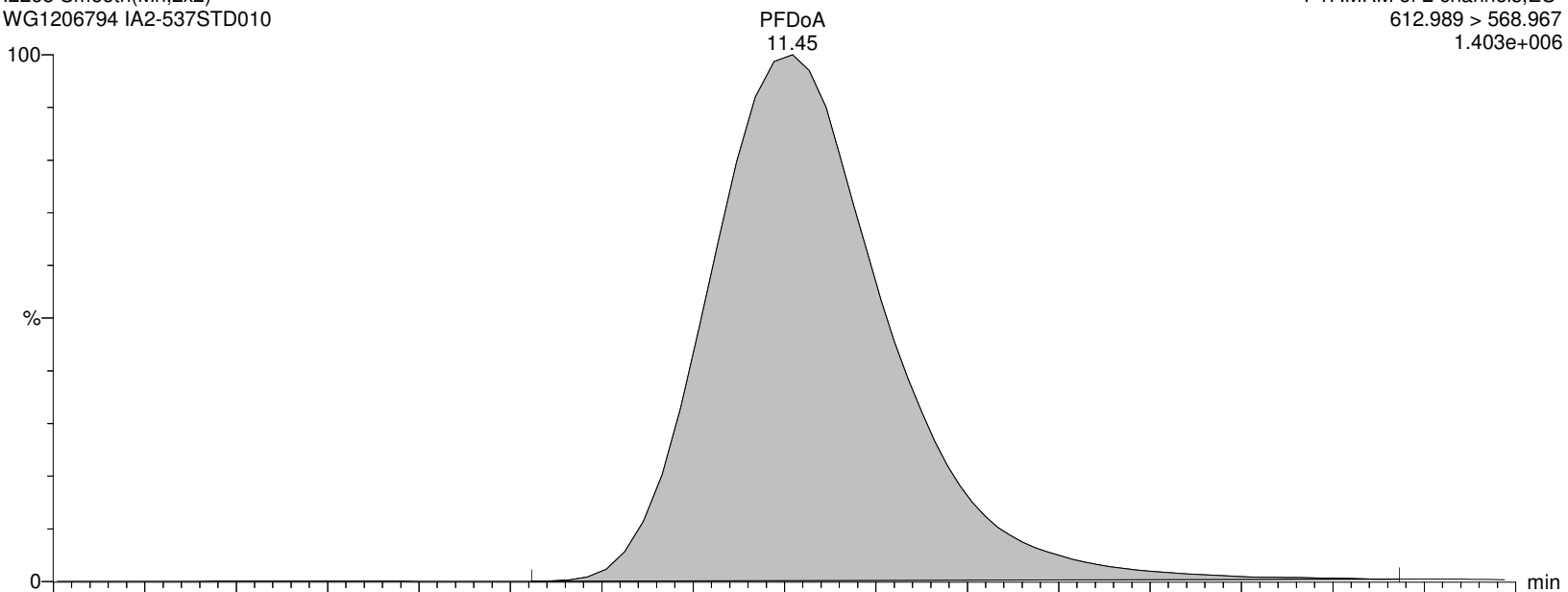
I2268 Smooth(Mn,2x2)

WG1206794 IA2-537STD010

F47:MRM of 2 channels,ES-

612.989 > 568.967

1.403e+006



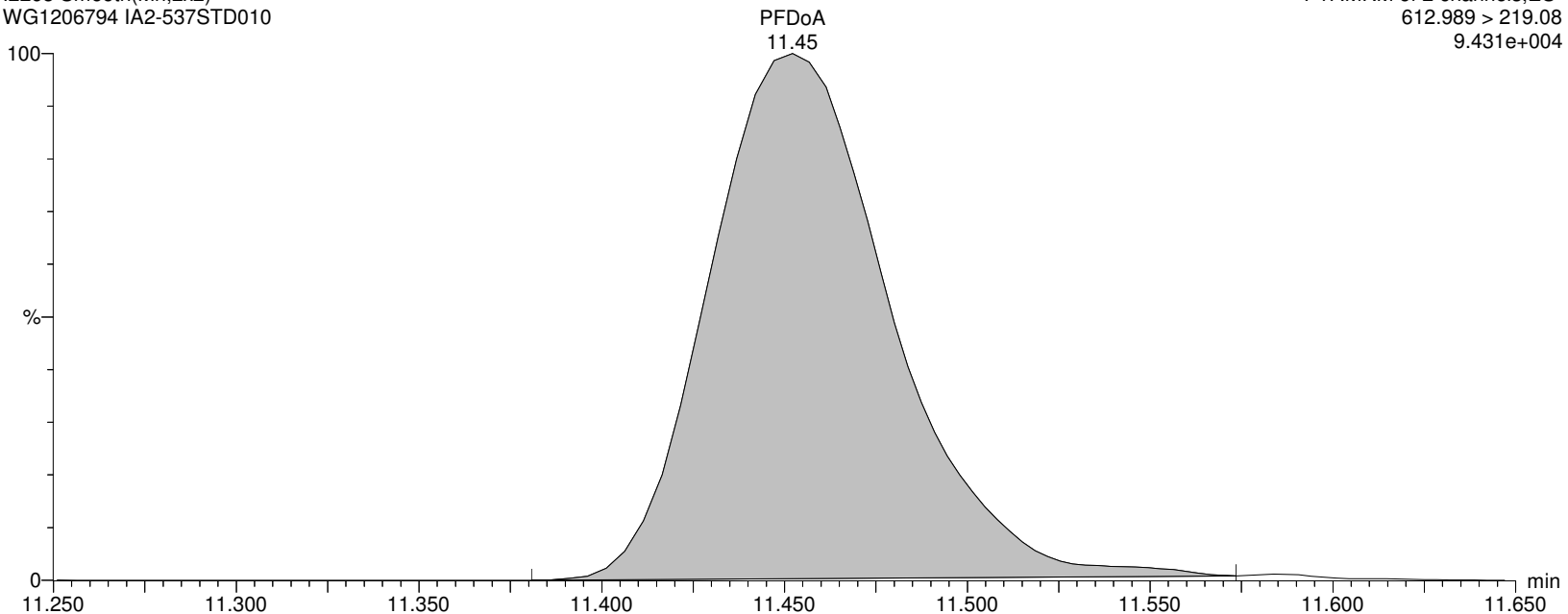
I2268 Smooth(Mn,2x2)

WG1206794 IA2-537STD010

F47:MRM of 2 channels,ES-

612.989 > 219.08

9.431e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFDOA

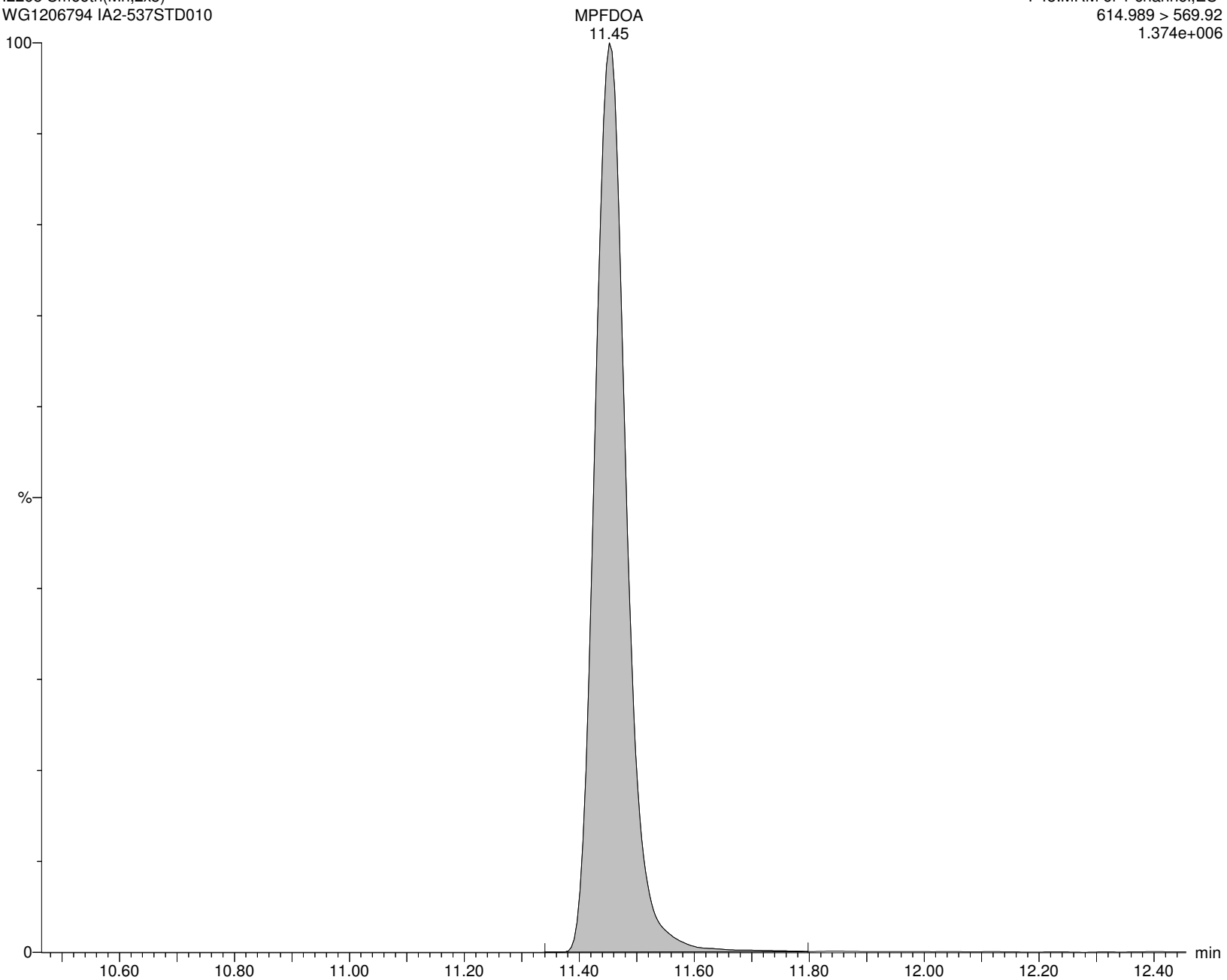
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F48:MRM of 1 channel,ES-

614.989 > 569.92

1.374e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTTrDA

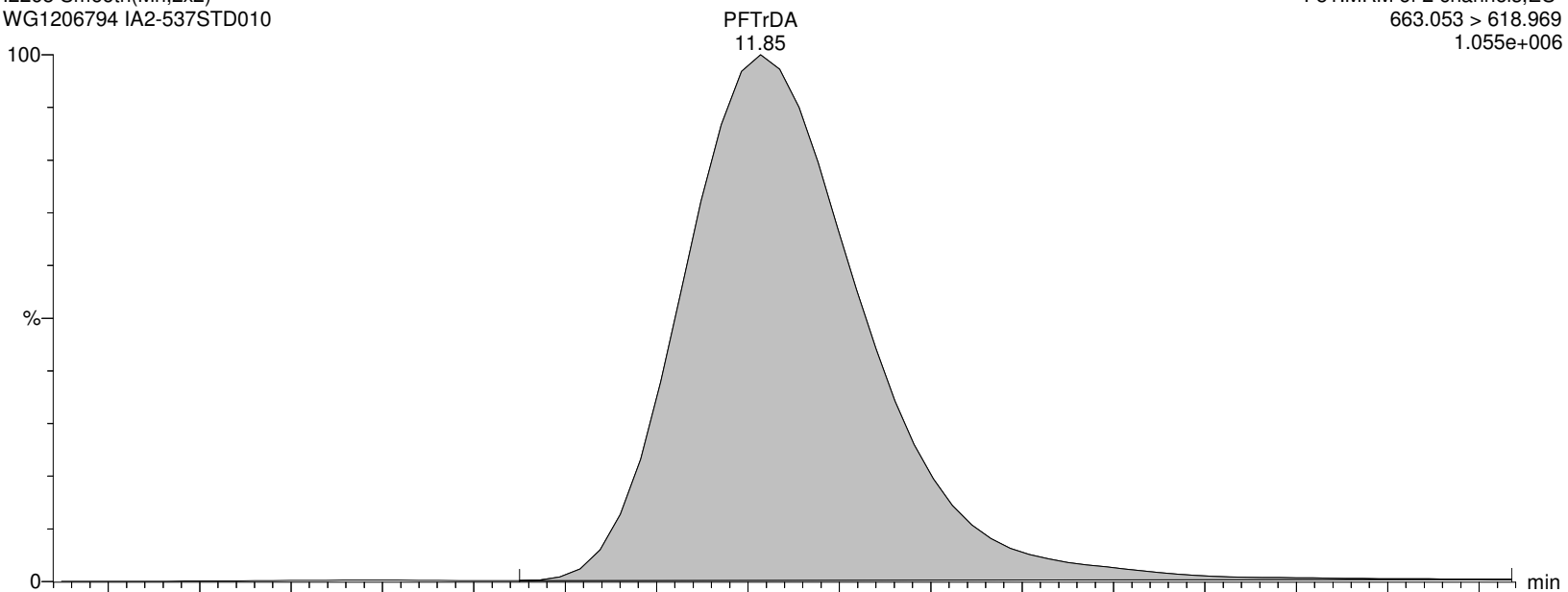
I2268 Smooth(Mn,2x2)

WG1206794 IA2-537STD010

F51:MRM of 2 channels,ES-

663.053 > 618.969

1.055e+006



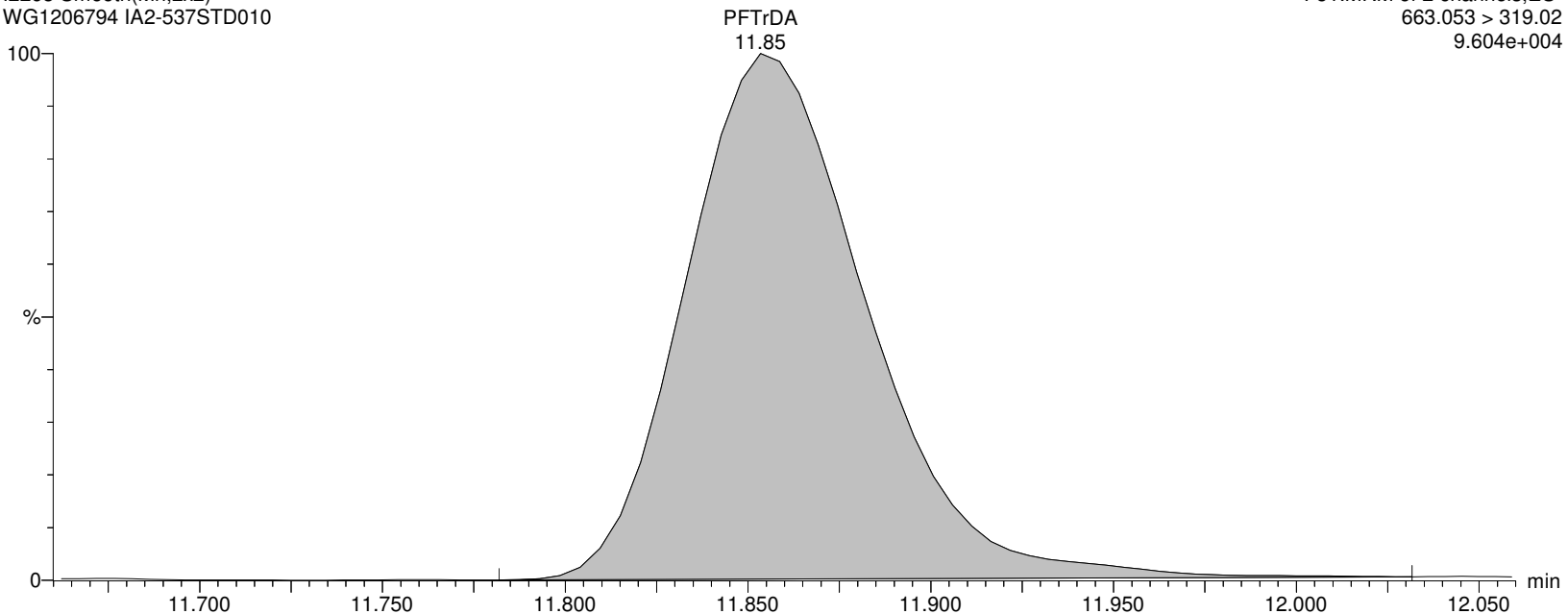
I2268 Smooth(Mn,2x2)

WG1206794 IA2-537STD010

F51:MRM of 2 channels,ES-

663.053 > 319.02

9.604e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTA

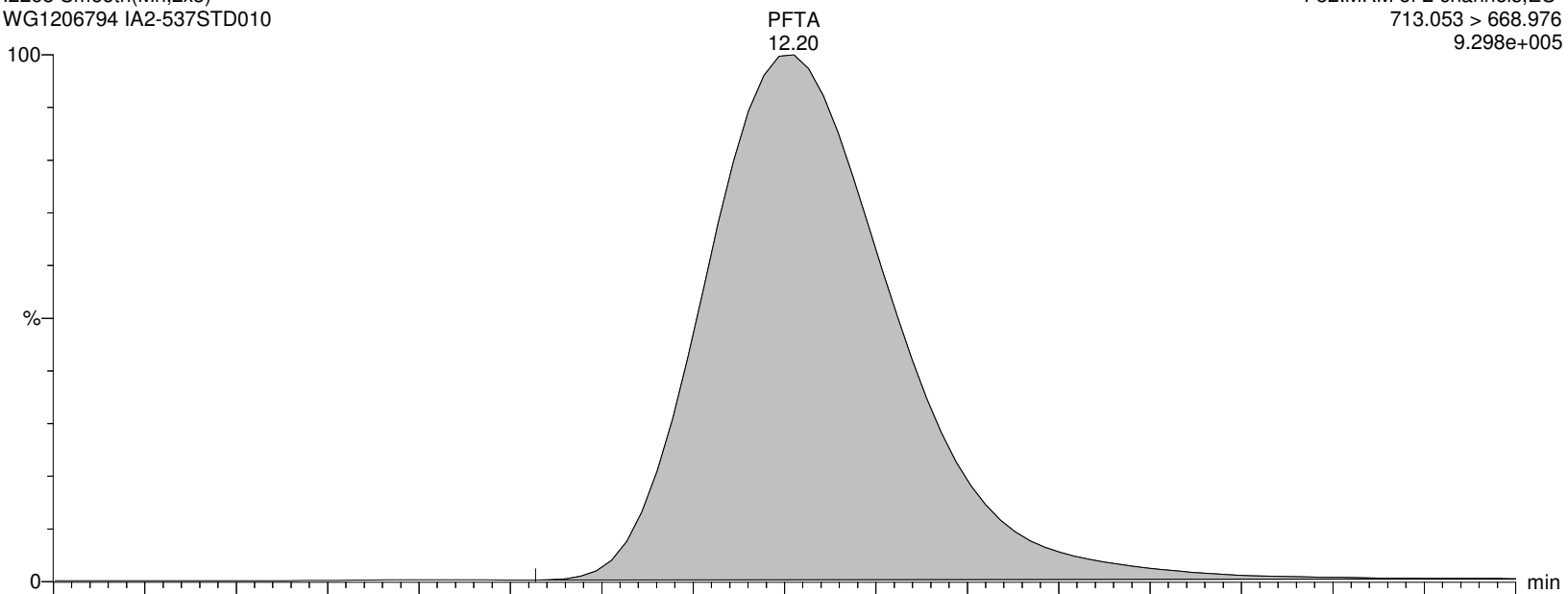
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F52:MRM of 2 channels,ES-

713.053 > 668.976

9.298e+005



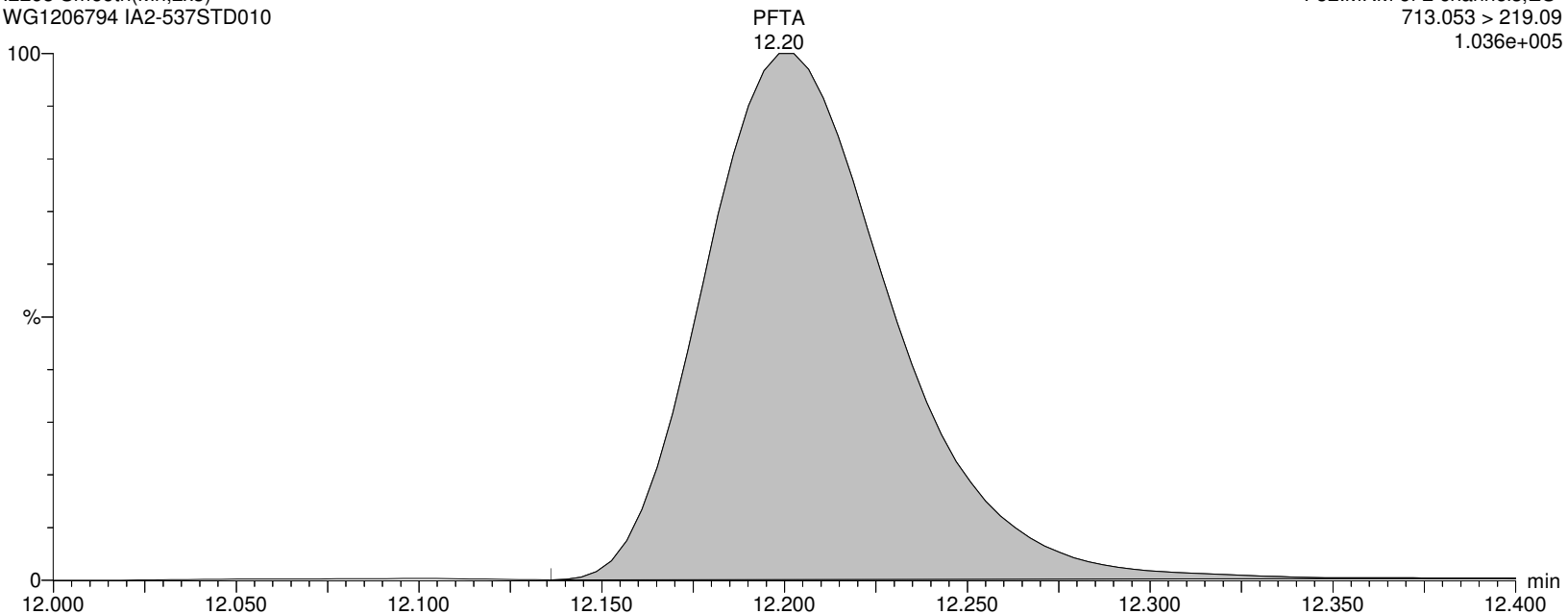
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F52:MRM of 2 channels,ES-

713.053 > 219.09

1.036e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFTEDA

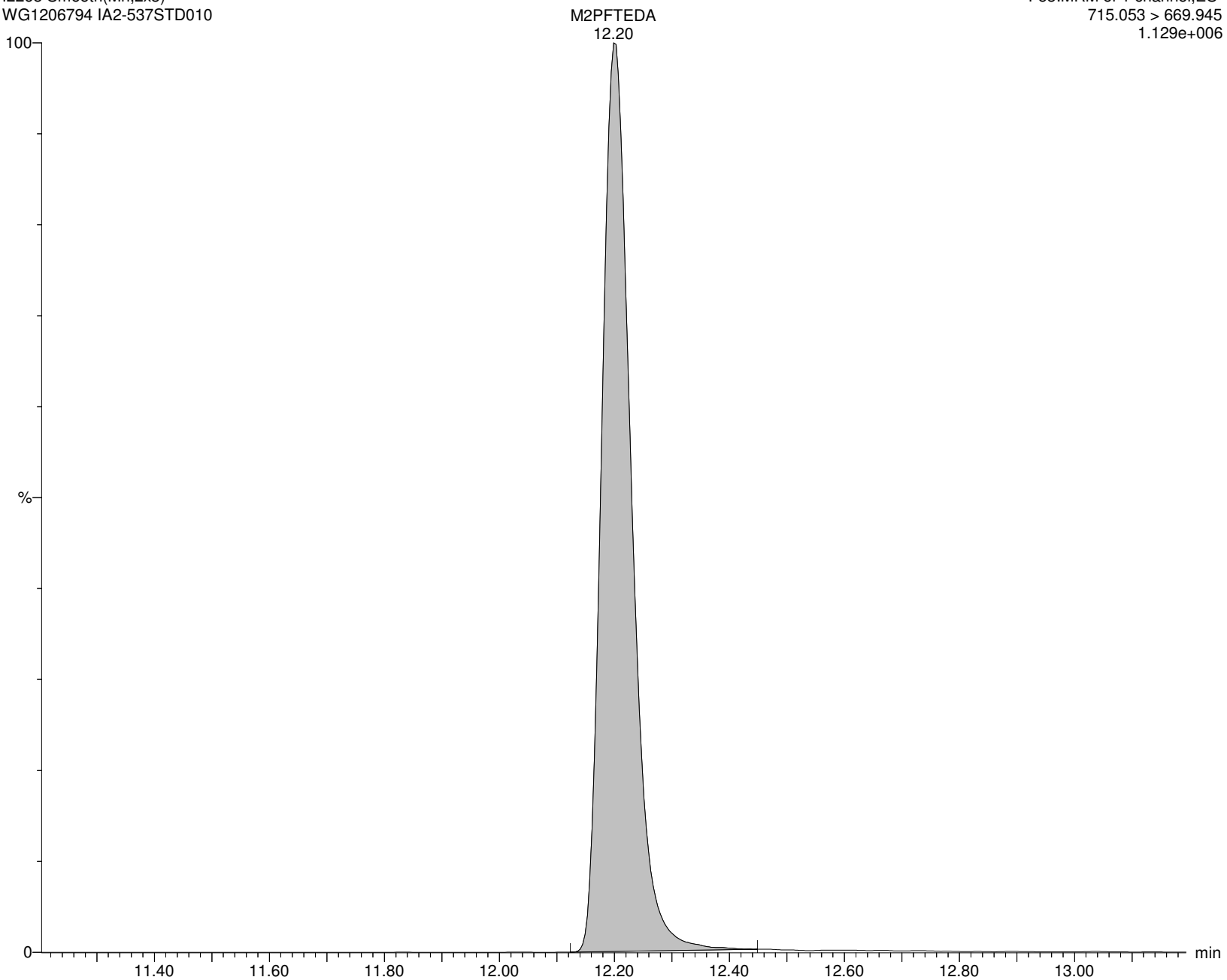
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F53:MRM of 1 channel,ES-

715.053 > 669.945

1.129e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3HFPO-DA

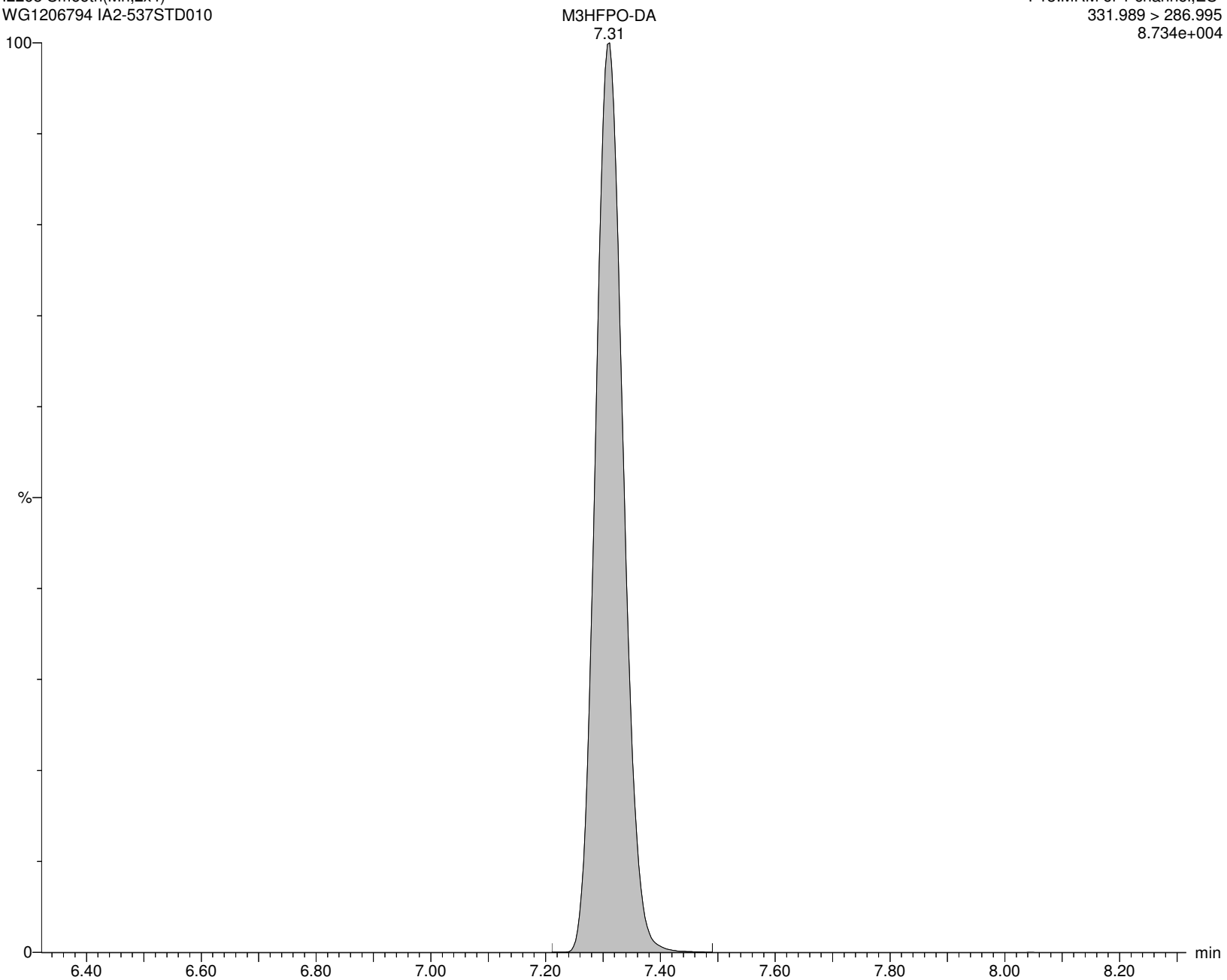
I2268 Smooth(Mn,2x4)

WG1206794 IA2-537STD010

F13:MRM of 1 channel,ES-

331.989 > 286.995

8.734e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

HFPO-DA

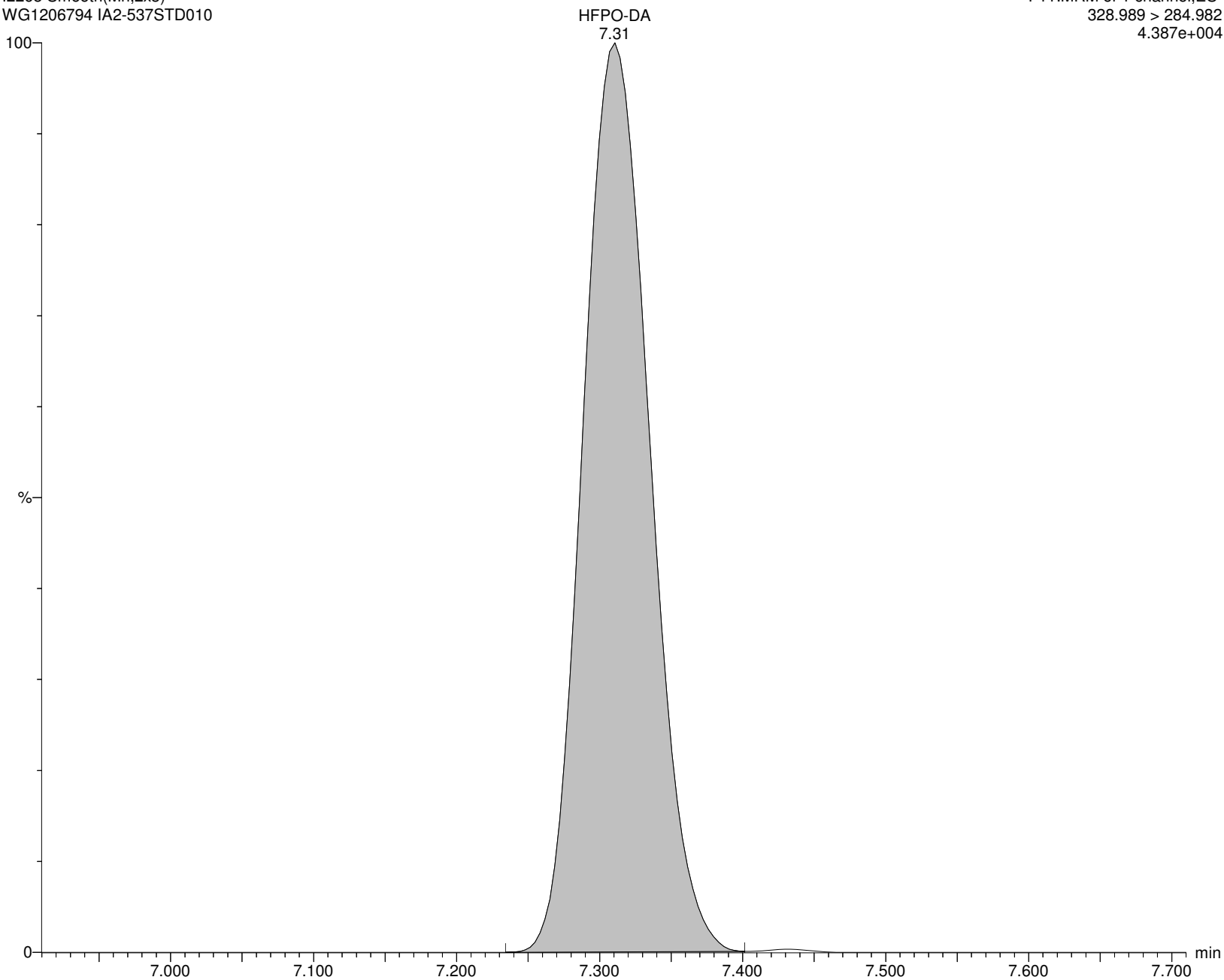
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F11:MRM of 1 channel,ES-

328.989 > 284.982

4.387e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

ADONA

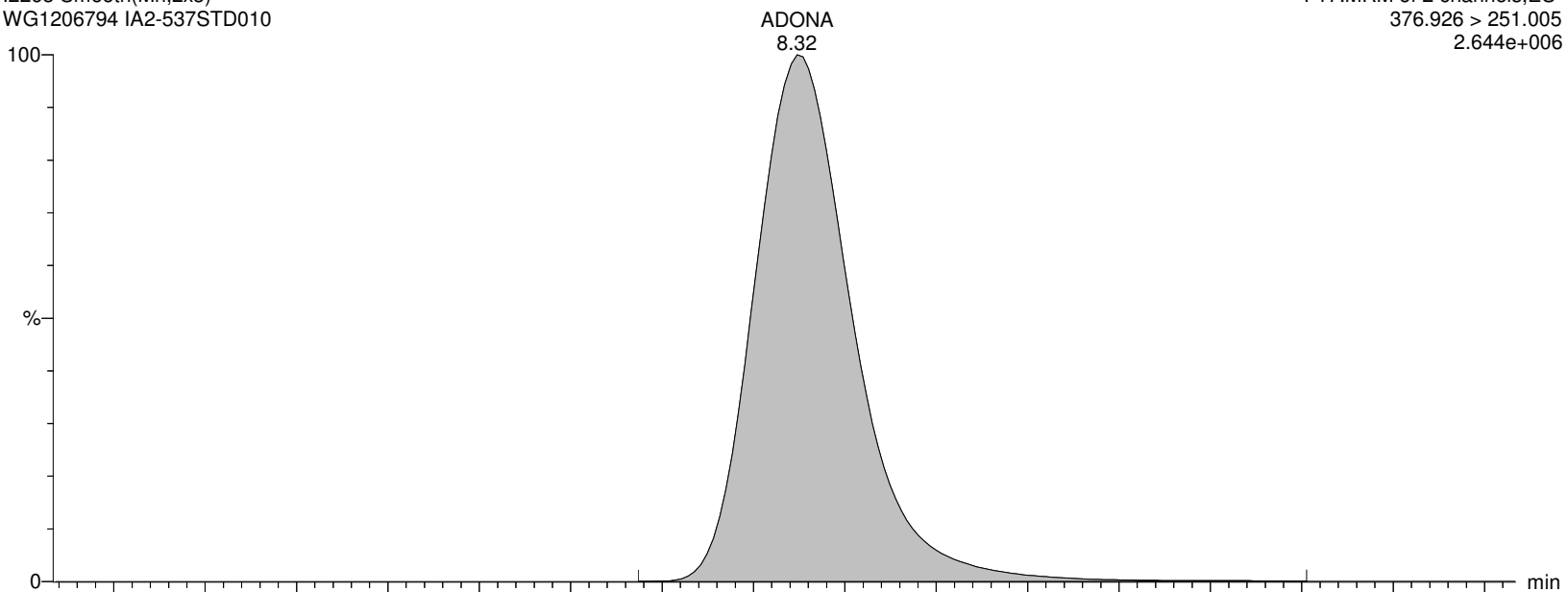
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F17:MRM of 2 channels,ES-

376.926 > 251.005

2.644e+006



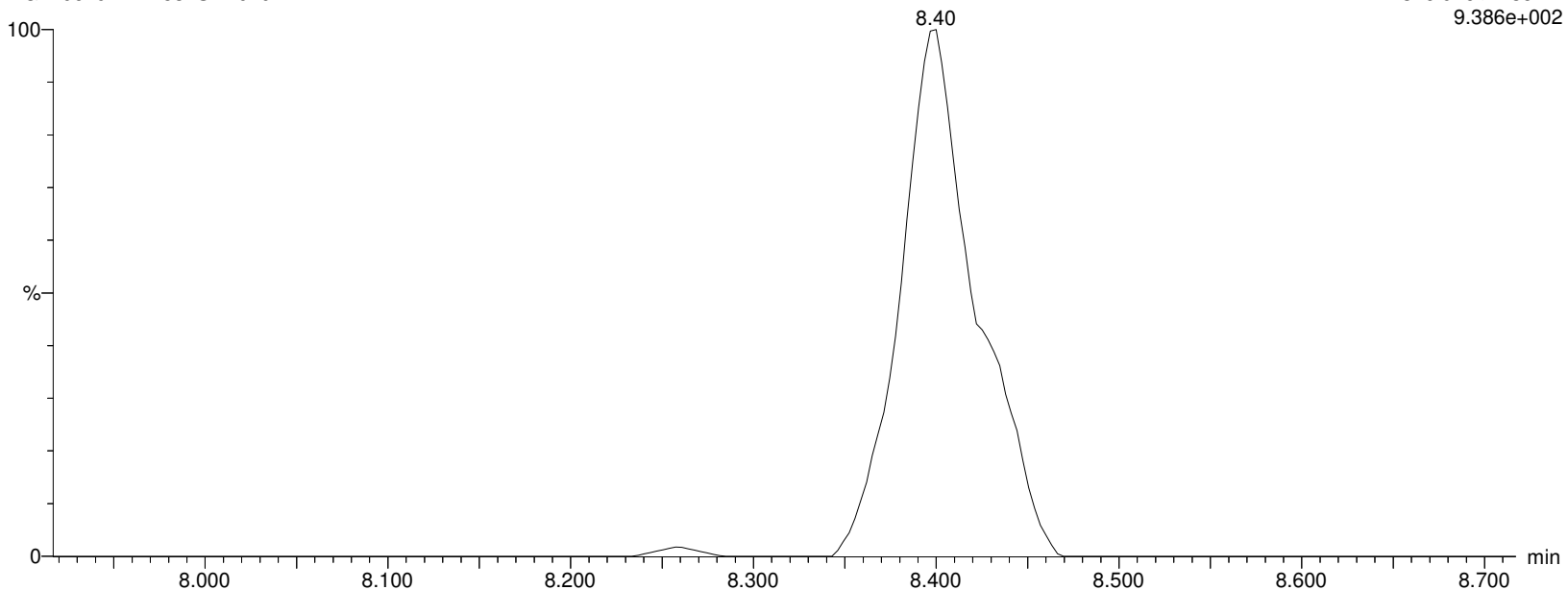
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F17:MRM of 2 channels,ES-

376.926 > 135.12

9.386e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxDA

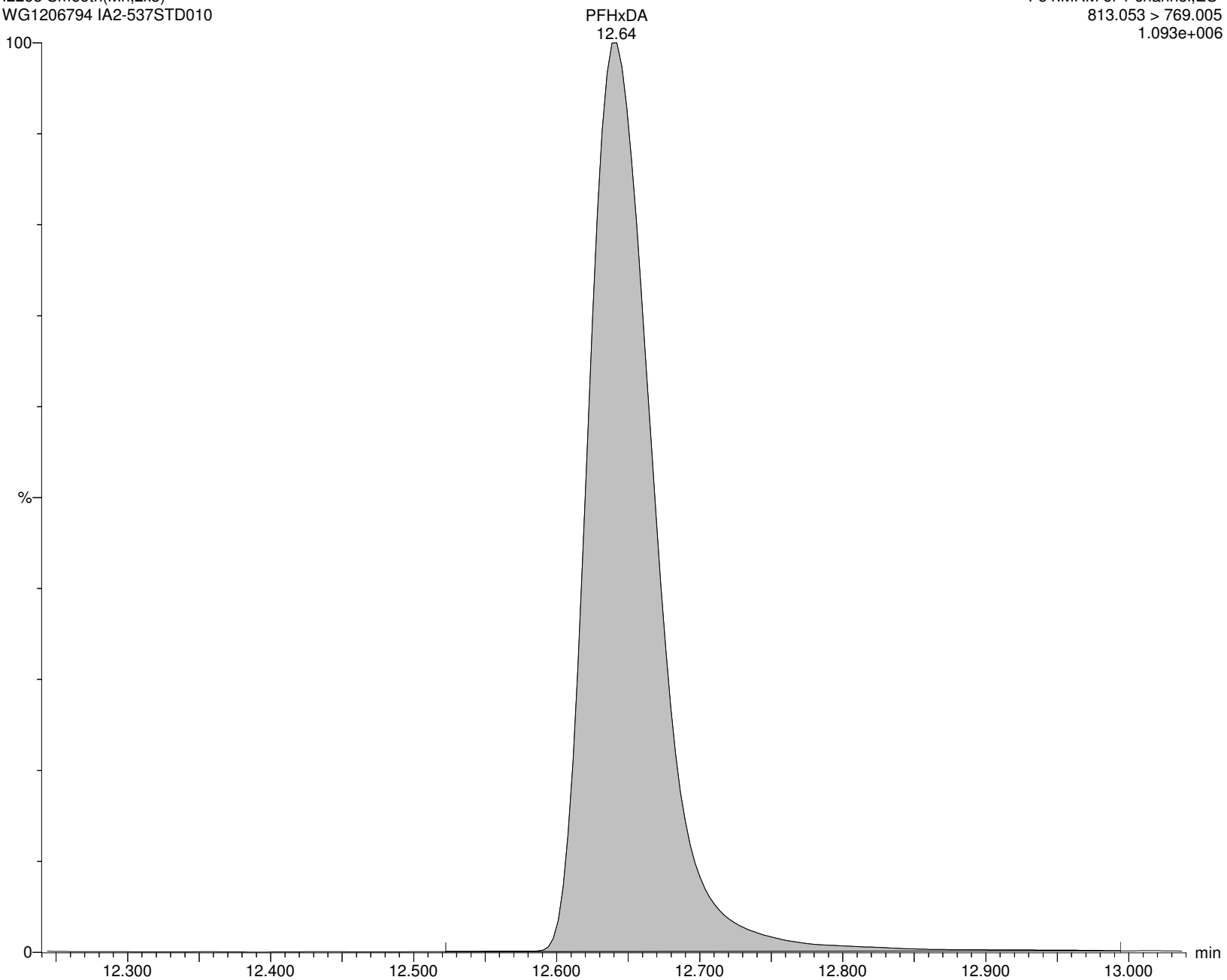
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F54:MRM of 1 channel,ES-

813.053 > 769.005

1.093e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFODA

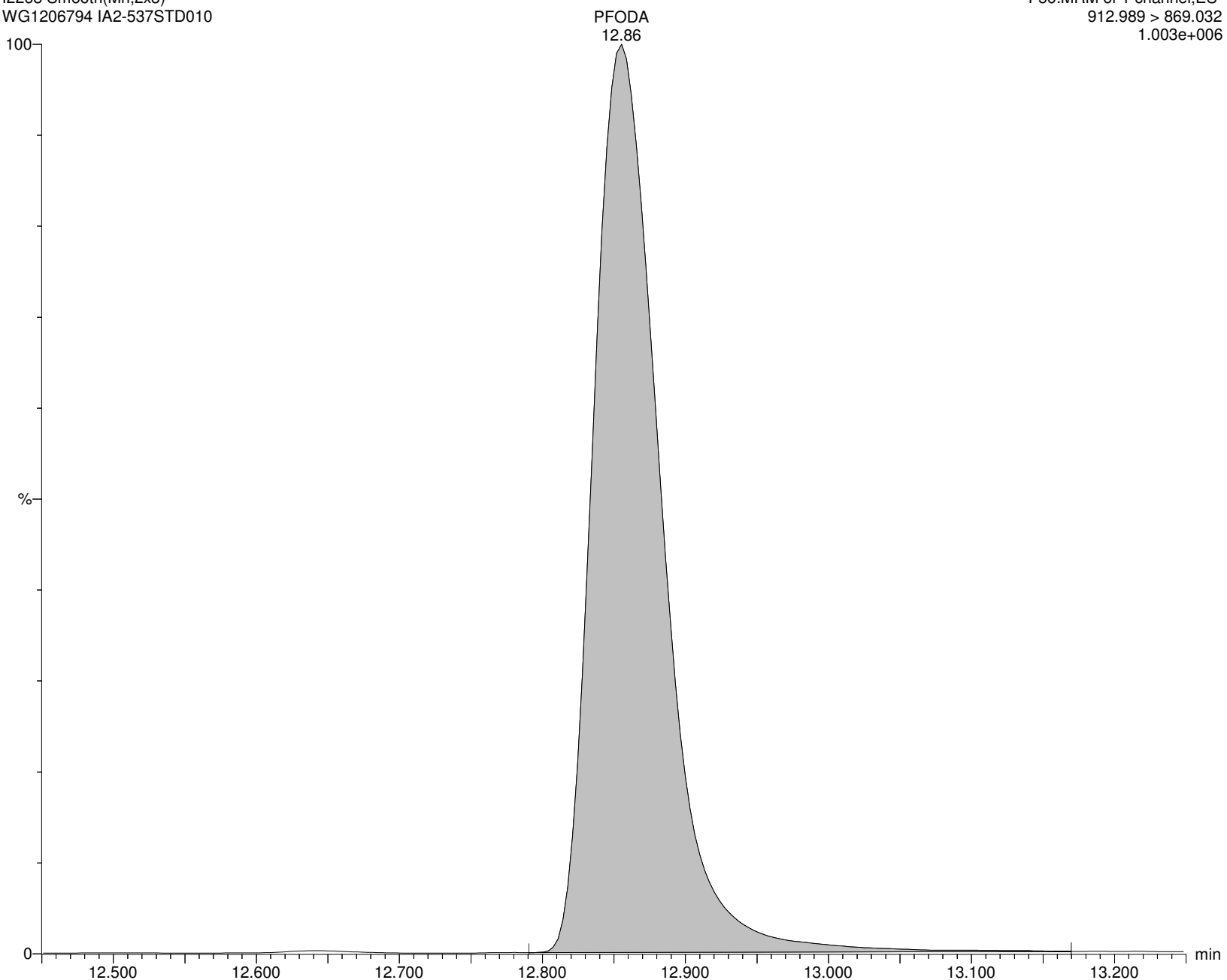
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F56:MRM of 1 channel,ES-

912.989 > 869.032

1.003e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:03 Eastern Standard Time

Name: I2268

ID: IA2-537STD010

Date: 14-Feb-2019

Time: 16:07:08

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFHxDA

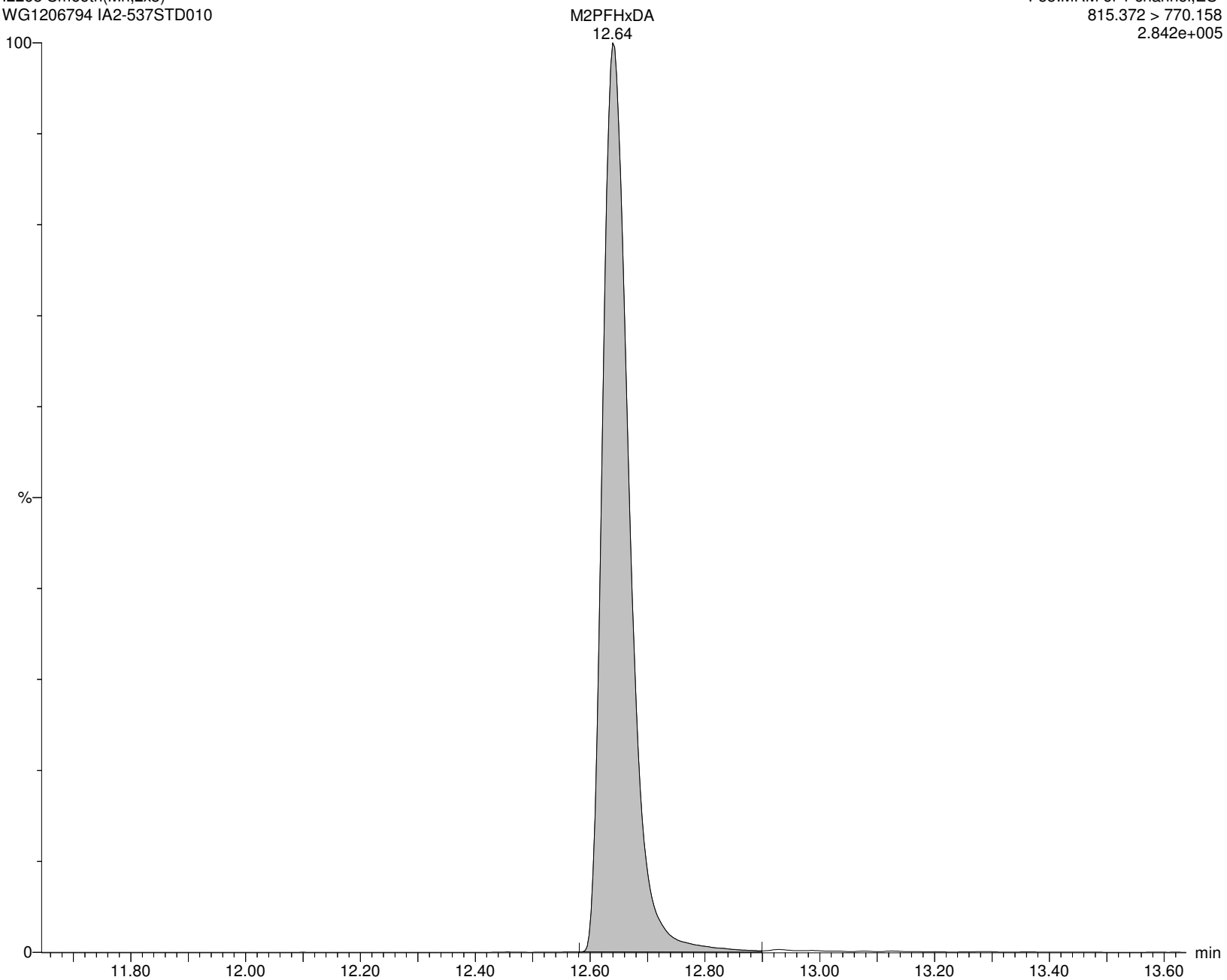
I2268 Smooth(Mn,2x3)

WG1206794 IA2-537STD010

F55:MRM of 1 channel,ES-

815.372 > 770.158

2.842e+005



Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld
Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time
Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Method: C:\MassLynx\Data\2019\190214_537ISO.PRO\MethDB\537ISO_Q.mdb 10 Jan 2019 15:42:15
Calibration: C:\MassLynx\Data\2019\190214_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 07:45:17

ID: IA2-537STD050
Name: I2269
Date: 14-Feb-2019
Time: 16:23:41
Description: WG1206794
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:PB
Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.31	212.926 > 169.111	220392		48.617		na	97.2
2	M3PFBA	INT STD	2.31	215.926 > 172.122	47509		10.009		na	100.1
3	MPFBA	INT STD	2.31	216.926 > 172.137	52846		10.297		na	103.0
4	PFPeA	2706-90-3	5.05	262.926 > 219.002	335644		47.401		na	94.8
5	M5PFPEA	INT STD	5.05	267.989 > 223.081	66118		10.356		na	103.6
6	PFBS	375-73-5	5.67	298.989 > 80.295	51726		40.878		na	92.4
7	M3PFBS	INT STD	5.66	301.989 > 80.254	12121		10.383		na	103.8
8	4:2FTS	757124-72-4	6.80	326.926 > 306.957	30090		45.836	2.30	YES	98.0
9	M2-4:2FTS	INT STD	6.80	329.117 > 309.079	6278		11.591		na	115.9
10	PFHxA	307-24-4	6.89	312.989 > 269.028	412324		47.381	17.86	NO	94.8
11	M5PFHxA	INT STD	6.89	317.989 > 273.045	85940		10.490		na	104.9
12	PFPeS	2706-91-4	7.19	348.926 > 80.251	57366		45.527	1.99	NO	96.9
13	PFHpA	375-85-9	8.14	362.926 > 319.014	531021		47.558	5.52	NO	95.1
14	M4PFHpA	INT STD	8.14	366.926 > 321.979	111532		10.538		na	105.4
15	br-PFHxS	355-46-4	8.07	398.926 > 80.295	9218		8.090	1.97	YES	95.2
16	L-PFHxS	355-46-4	8.30	398.926 > 80.295	42427		35.603	1.47	NO	96.2
17	PFHxS	355-46-4		398.926 > 80.295	51644		43.693		na	
18	M3PFHxS	INT STD	8.30	401.926 > 80.317	8609		10.419		na	104.2
19	br-PFOA	335-67-1		412.989 > 368.9			ND		YES	
20	L-PFOA	335-67-1	9.08	412.989 > 368.9	500168		47.444	10.19	NO	94.9
21	M2PFOA	INT STD	9.08	415.032 > 369.968	98538		9.950		na	99.5
22	PFOA	335-67-1		412.989 > 368.9	500168		47.444		na	
23	M8PFOA	INT STD	9.08	420.989 > 375.979	98603		10.419		na	104.2
24	6:2FTS	27619-97-2	9.03	426.989 > 406.921	23578		46.403		na	97.7
25	M2-6:2FTS	INT STD	9.03	428.989 > 408.917	5772		10.610		na	106.1
26	PFHpS	375-92-8	9.17	448.926 > 80.257	30346		46.288	0.93	YES	97.4
27	PFNA	375-95-1	9.83	462.989 > 418.931	422941		47.864	4.80	NO	95.7
28	M9PFNA	INT STD	9.82	472.053 > 426.947	95504		10.613		na	106.1
29	br-PFOS	1763-23-1	9.68	498.989 > 80.294	12963		9.661	3.78	NO	96.6
30	L-PFOS	1763-23-1	9.87	498.989 > 80.294	37377		34.206	1.65	YES	93.7
31	PFOS	1763-23-1		498.989 > 80.294	50340		43.866		na	
32	M4PFOS	INT STD	9.87	503.032 > 80.306	9386		10.151		na	101.5
33	M8PFOS	INT STD	9.87	507.053 > 80.294	9550		10.120		na	101.2
34	PFDA	335-76-2	10.45	513.053 > 468.906	358117		45.549	6.45	NO	91.1
35	M2PFDA	INT STD	10.45	515.053 > 469.934	76707		10.169		na	101.7
36	M6PFDA	INT STD	10.45	519.053 > 473.931	84799		10.329		na	103.3
37	8:2FTS	39108-34-4	10.44	526.989 > 506.946	16091		48.172		na	100.4
38	M2-8:2FTS	INT STD	10.44	529.053 > 508.945	3324		11.101		na	111.0
39	PFNS	68259-12-1	10.48	548.989 > 80.249	41281		50.353	1.39	NO	104.9

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

ID: IA2-537STD050

Name: I2269

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:PB

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.84	573.096 > 418.987	7599		9.734		na	97.3
41	NMeFOSAA	2355-31-9	10.84	570.053 > 418.917	39159		49.843		na	99.7
42	PfUnA	2058-94-8	10.98	562.989 > 518.903	369574		48.274	7.98	NO	96.5
43	M7-PFUDA	INT STD	10.98	570.053 > 524.923	70499		10.239		na	102.4
44	PFDS	335-77-3	10.99	598.926 > 80.314	40623		52.990	1.33	YES	109.8
45	FOSA	754-91-6	10.93	497.989 > 78.245	130479		48.212		na	96.4
46	M8FOSA	INT STD	10.93	506.053 > 78.286	26254		10.183		na	101.8
47	d5-NEtFOSAA	INT STD	11.12	589.117 > 418.929	7105		10.058		na	100.6
48	NEtFOSAA	2991-50-6	11.13	583.989 > 418.927	33905		44.073	2.58	YES	88.1
49	PFDoA	307-55-1	11.45	612.989 > 568.967	352842		48.730	14.26	NO	97.5
50	MPFDOA	INT STD	11.45	614.989 > 569.92	79621		10.078		na	100.8
51	PFTTrDA	72629-94-8	11.85	663.053 > 618.969	267168		49.137	11.53	NO	98.3
52	PFTA	376-06-7	12.20	713.053 > 668.976	223245		51.895	9.14	NO	103.8
53	M2PFTEDA	INT STD	12.20	715.053 > 669.945	50864		9.669		na	96.7
54	M3HFPO-DA	INT STD	7.30	331.989 > 286.995	8767		186.592		na	93.3
55	HFPO-DA	13252-13-6	7.30	328.989 > 284.982	22675		939.921		na	94.0
56	ADONA	958445-44-8	8.32	376.926 > 251.005	777857		46.314		YES	97.9
57	PFHxDA		12.64	813.053 > 769.005	173473		47.528		na	95.1
58	PFODA		12.86	912.989 > 869.032	175741		50.128		na	100.3
59	M2PFHxDA		12.64	815.372 > 770.158	9395		9.342		na	93.4

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Method: C:\MassLynx\Data\2019\190214_537ISO.PRO\MethDB\537ISO_Q.mdb 10 Jan 2019 15:42:15

Calibration: C:\MassLynx\Data\2019\190214_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 07:45:17

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBA

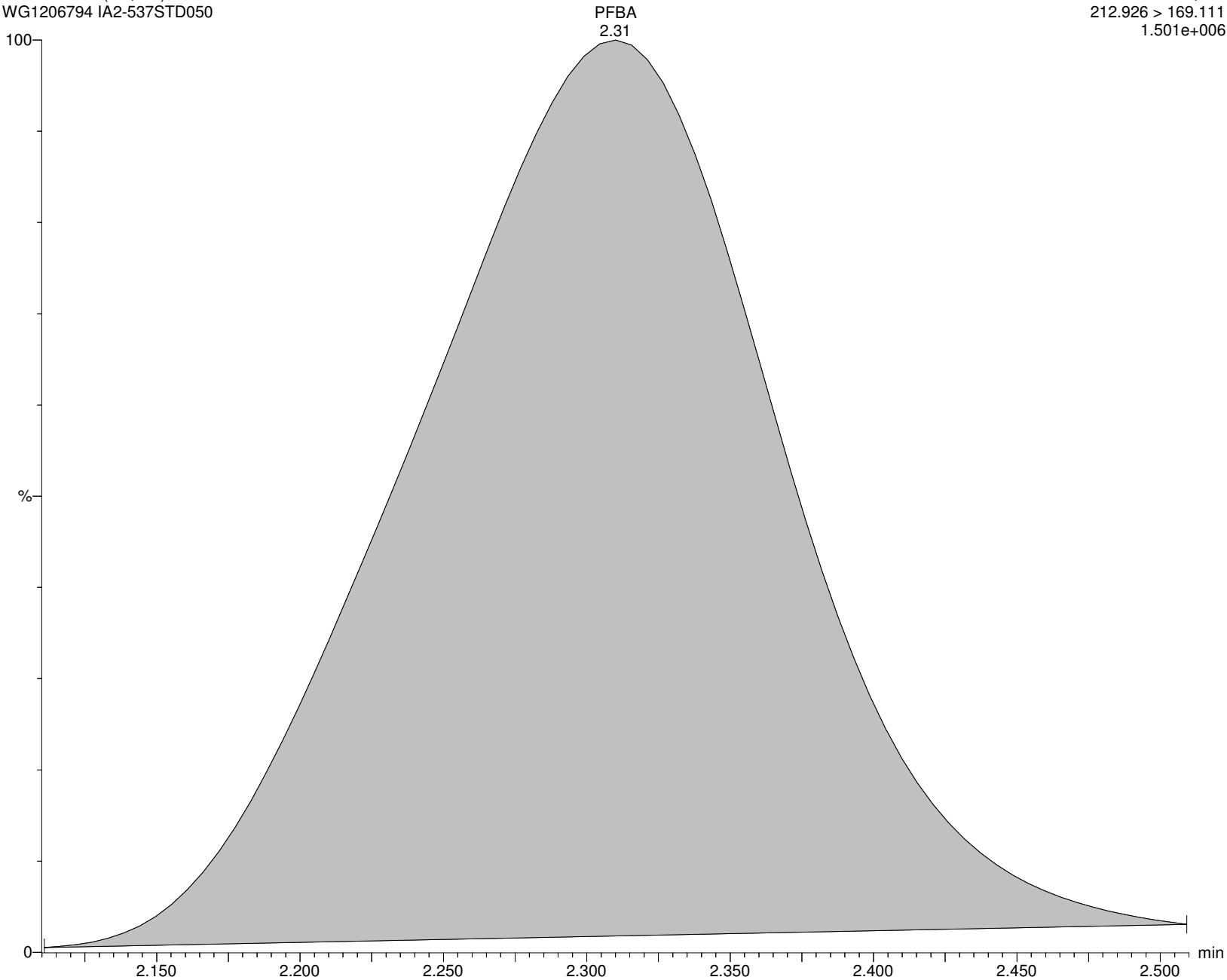
I2269 Smooth(Mn,2x5)

WG1206794 IA2-537STD050

F1:MRM of 1 channel,ES-

212.926 > 169.111

1.501e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBA

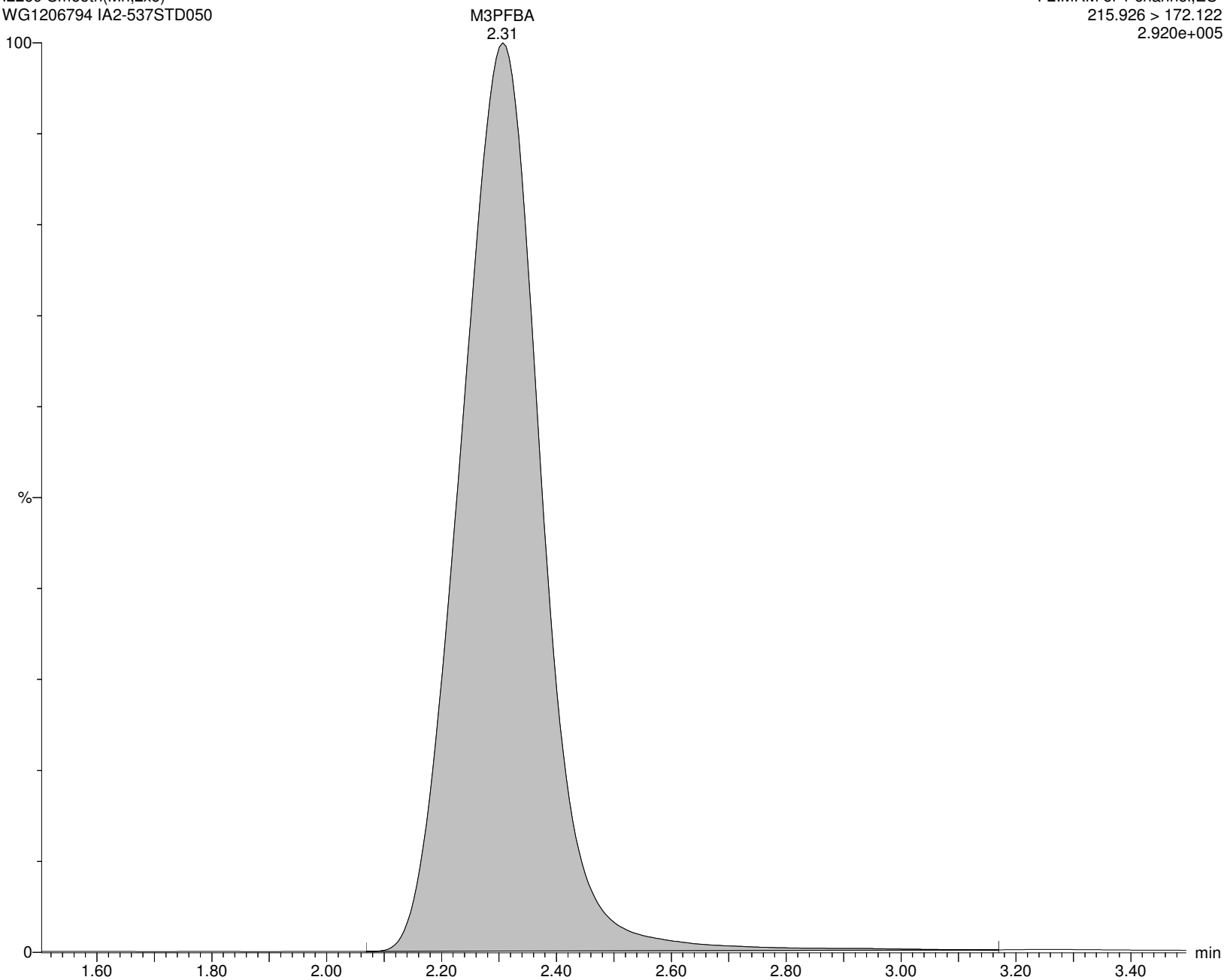
I2269 Smooth(Mn,2x6)

WG1206794 IA2-537STD050

F2:MRM of 1 channel,ES-

215.926 > 172.122

2.920e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFBA

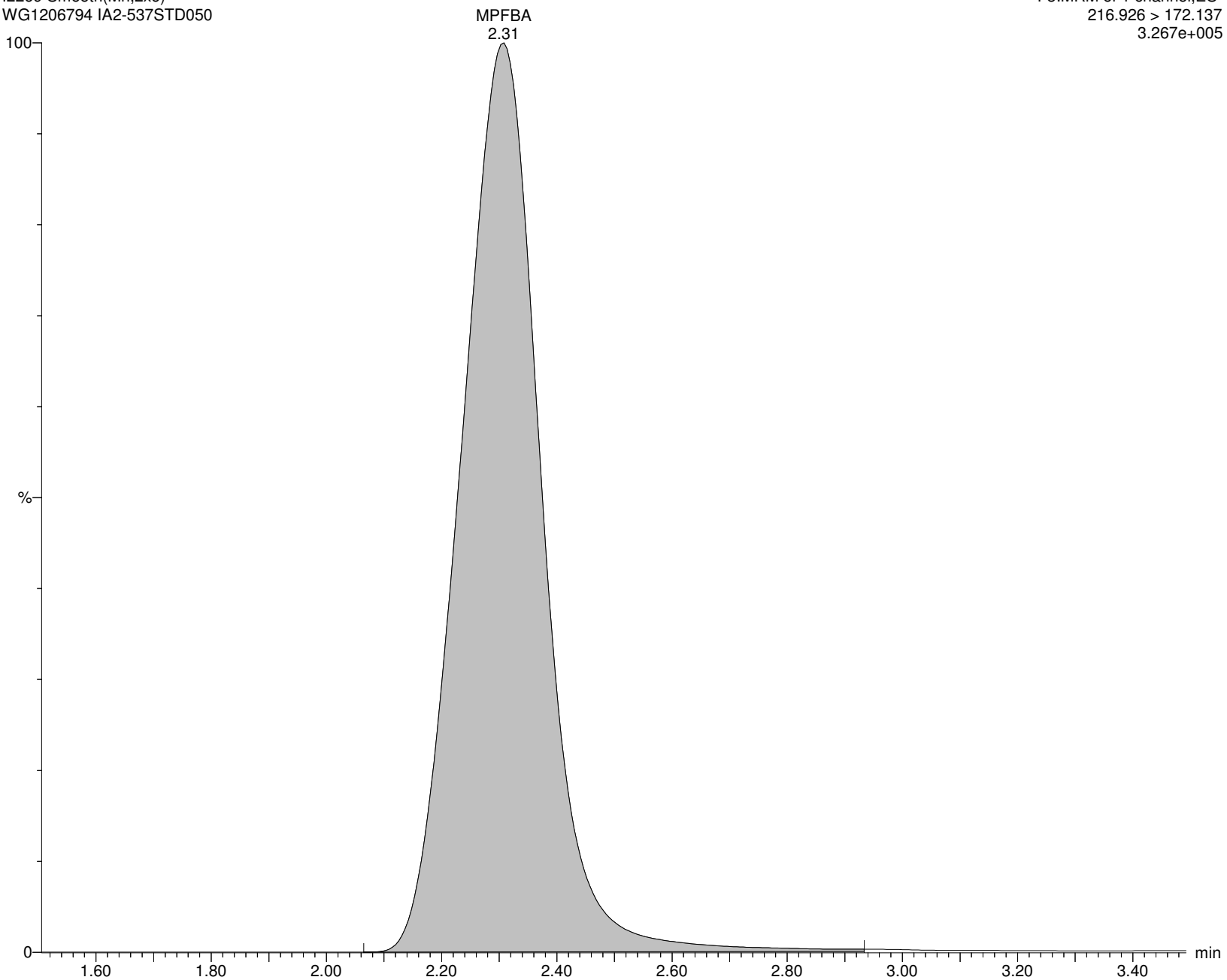
I2269 Smooth(Mn,2x6)

WG1206794 IA2-537STD050

F3:MRM of 1 channel,ES-

216.926 > 172.137

3.267e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeA

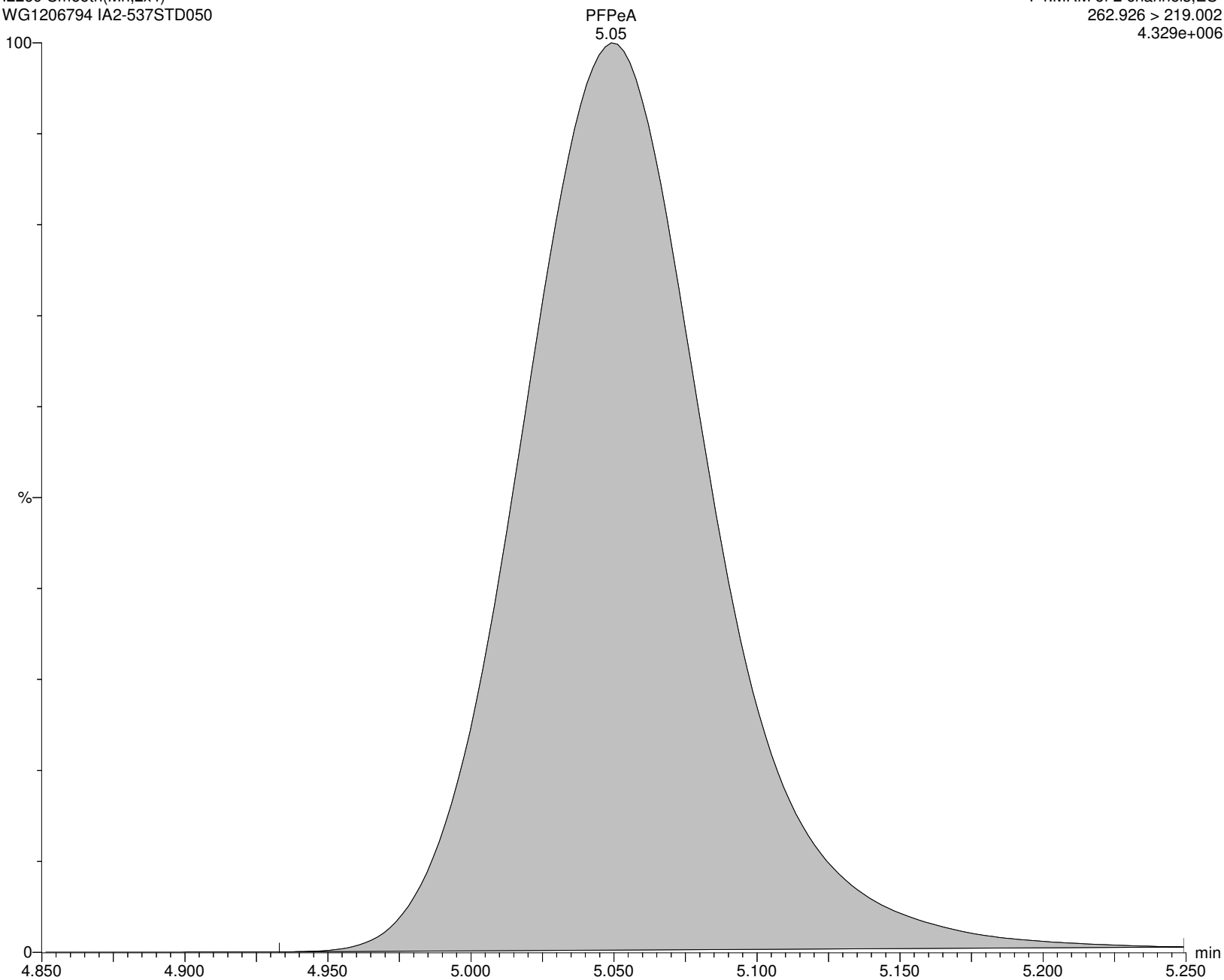
I2269 Smooth(Mn,2x4)

WG1206794 IA2-537STD050

F4:MRM of 2 channels,ES-

262.926 > 219.002

4.329e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFPEA

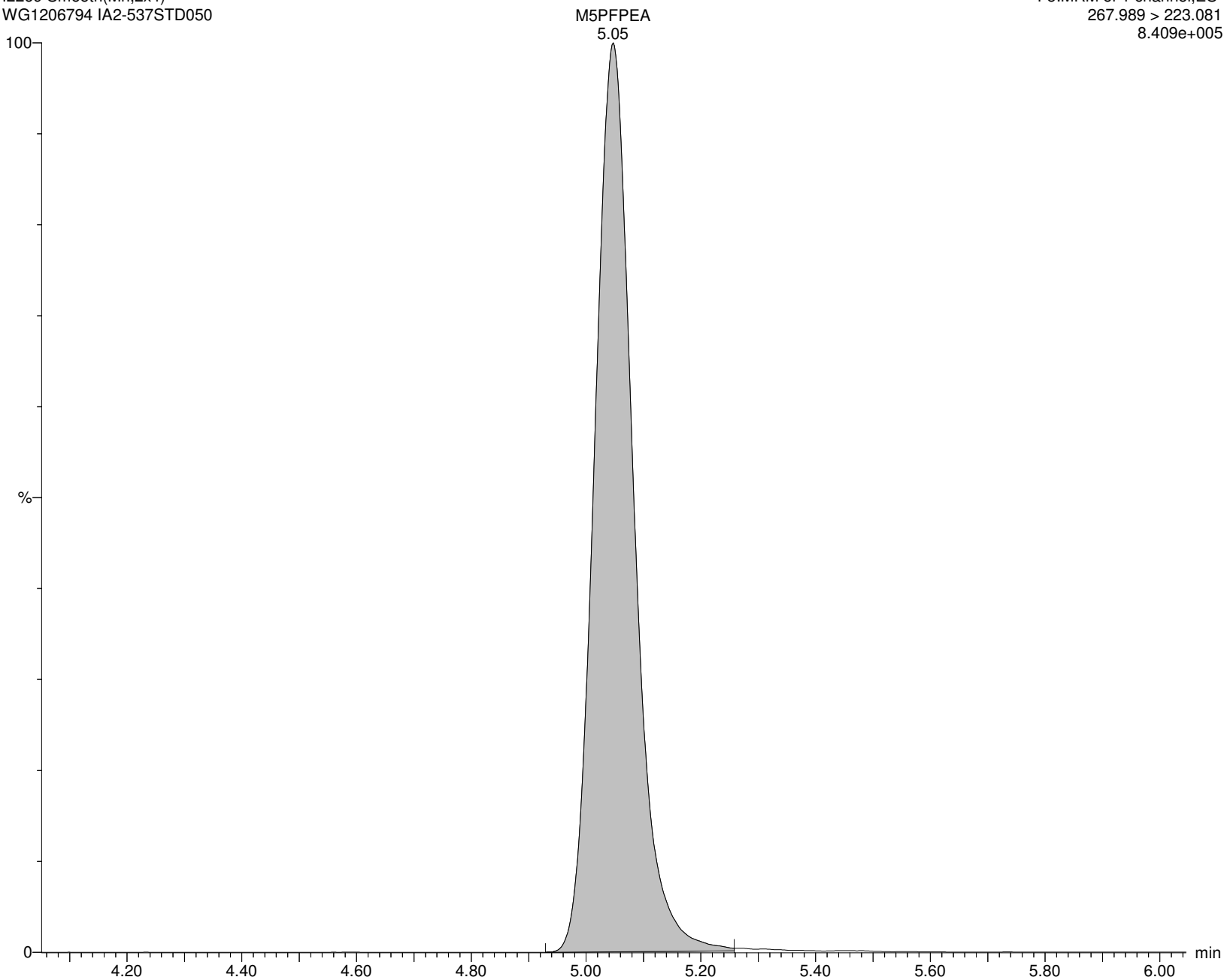
I2269 Smooth(Mn,2x4)

WG1206794 IA2-537STD050

F5:MRM of 1 channel,ES-

267.989 > 223.081

8.409e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBS

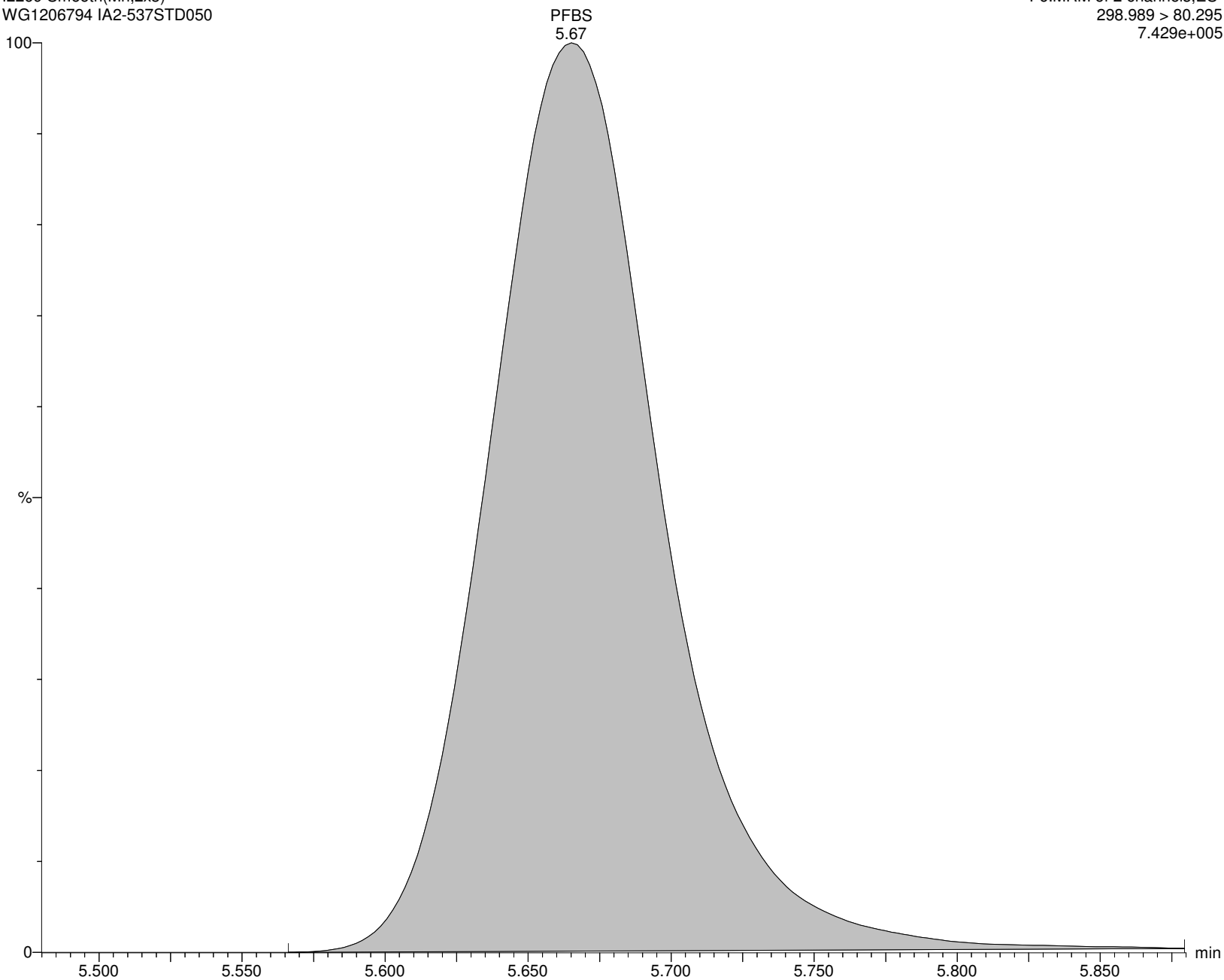
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F6:MRM of 2 channels,ES-

298.989 > 80.295

7.429e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBS

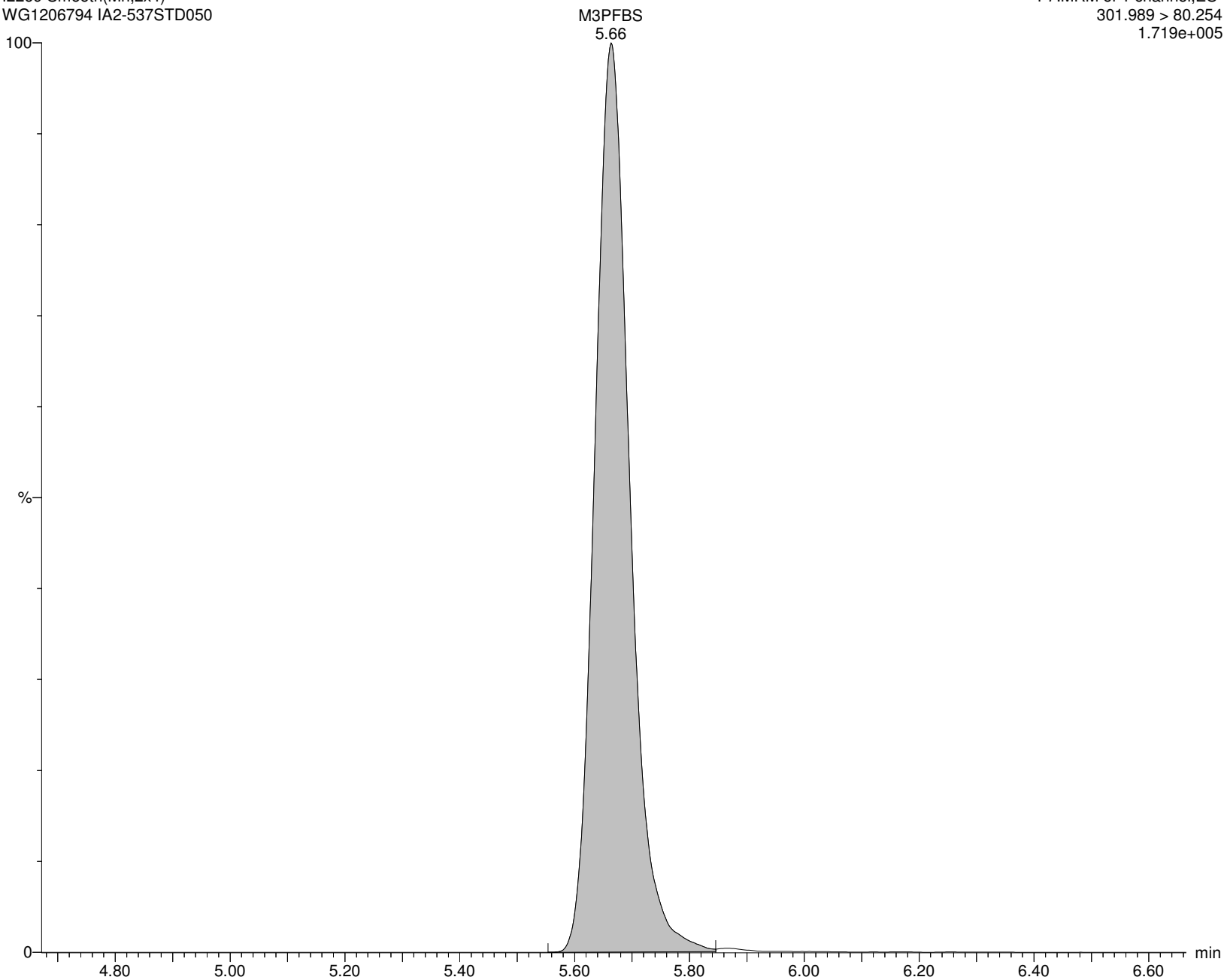
I2269 Smooth(Mn,2x4)

WG1206794 IA2-537STD050

F7:MRM of 1 channel,ES-

301.989 > 80.254

1.719e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

4:2FTS

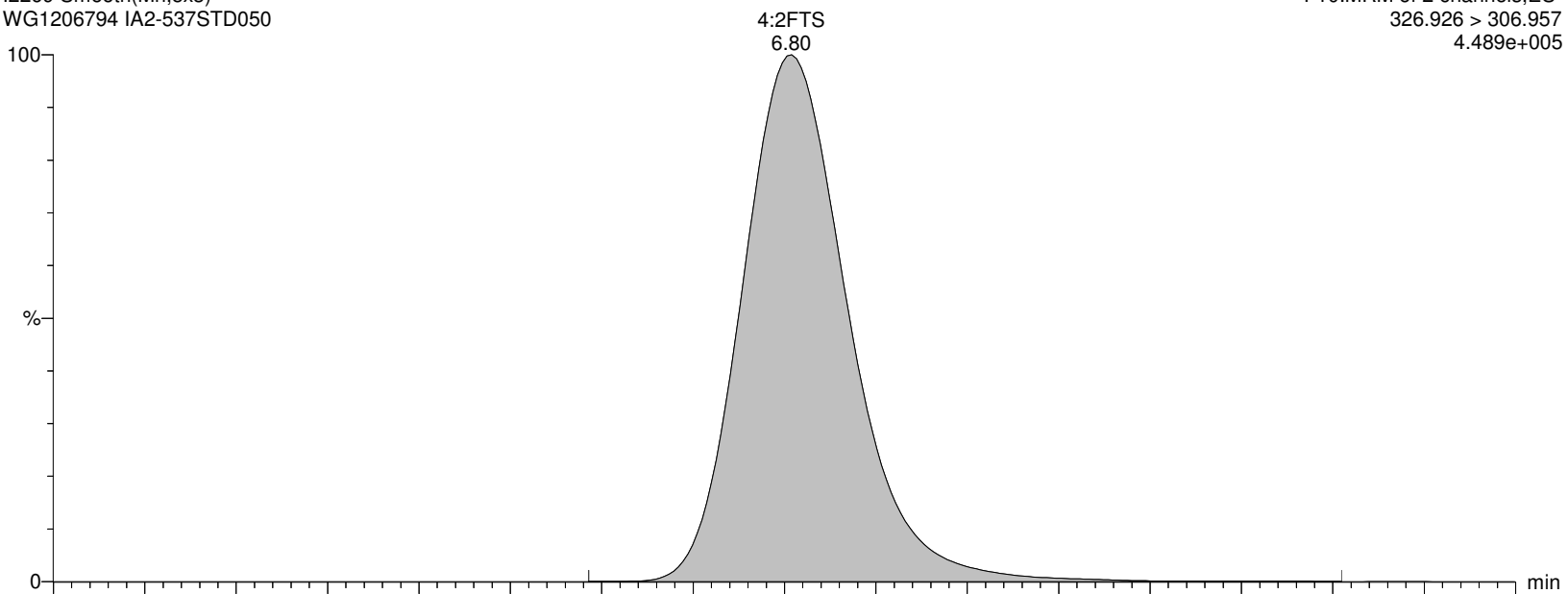
I2269 Smooth(Mn,5x3)

WG1206794 IA2-537STD050

F10:MRM of 2 channels,ES-

326.926 > 306.957

4.489e+005



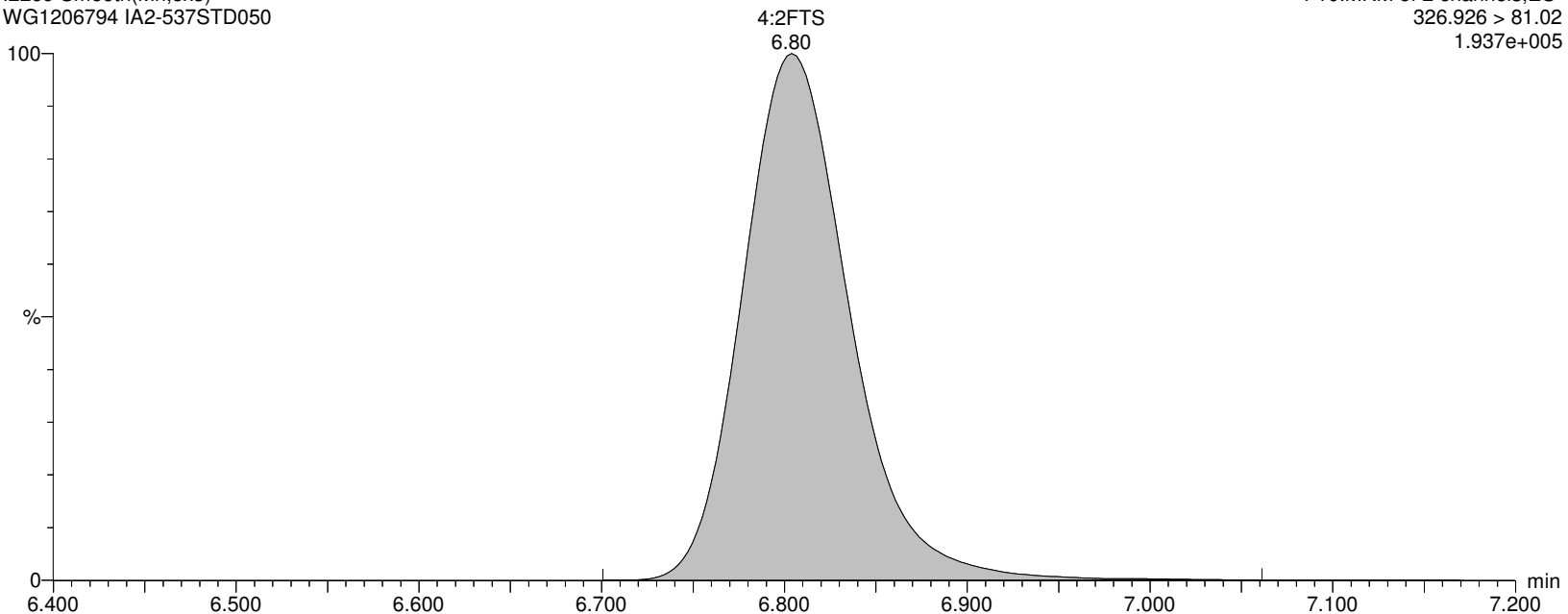
I2269 Smooth(Mn,5x3)

WG1206794 IA2-537STD050

F10:MRM of 2 channels,ES-

326.926 > 81.02

1.937e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-4:2FTS

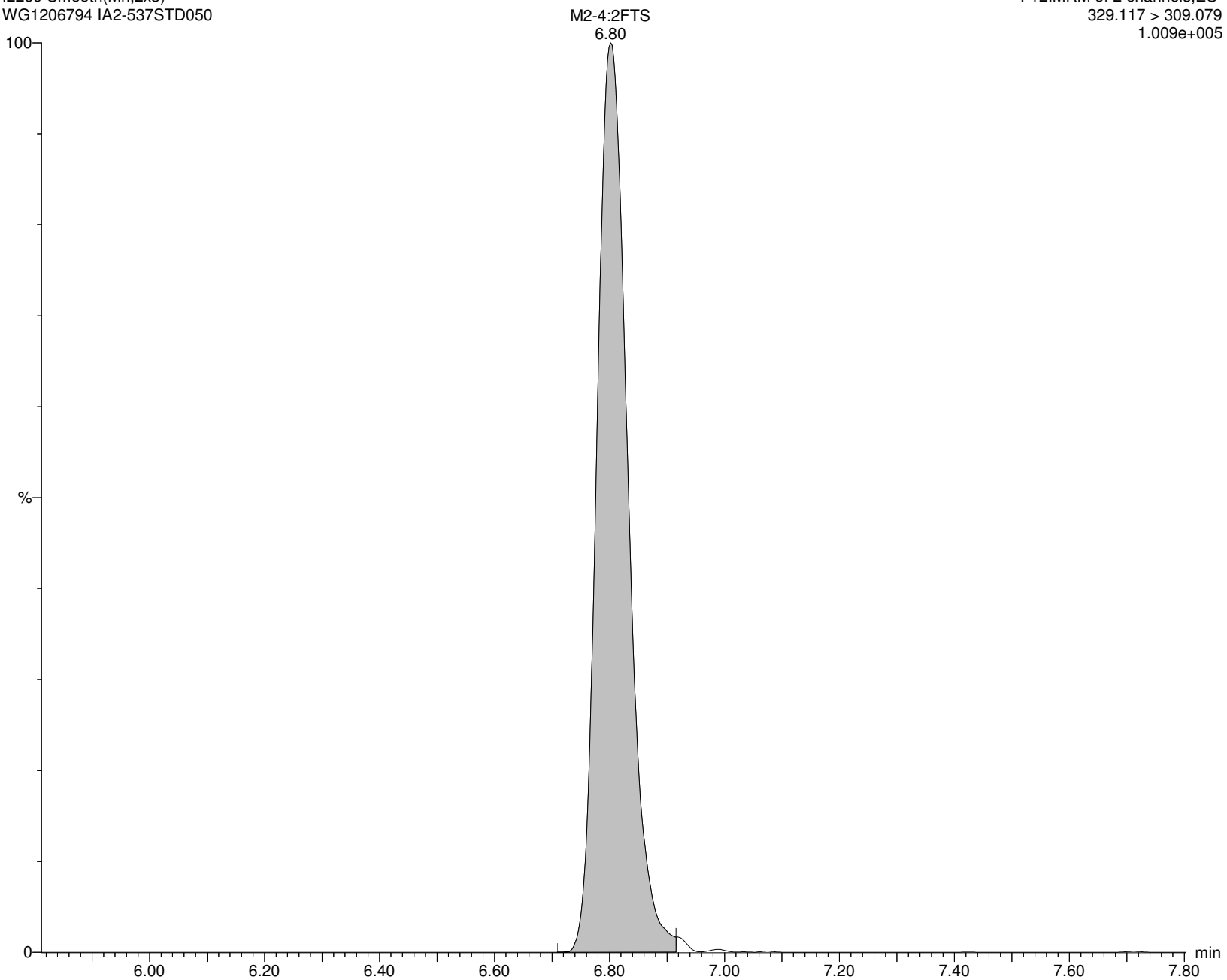
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F12:MRM of 2 channels,ES-

329.117 > 309.079

1.009e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxA

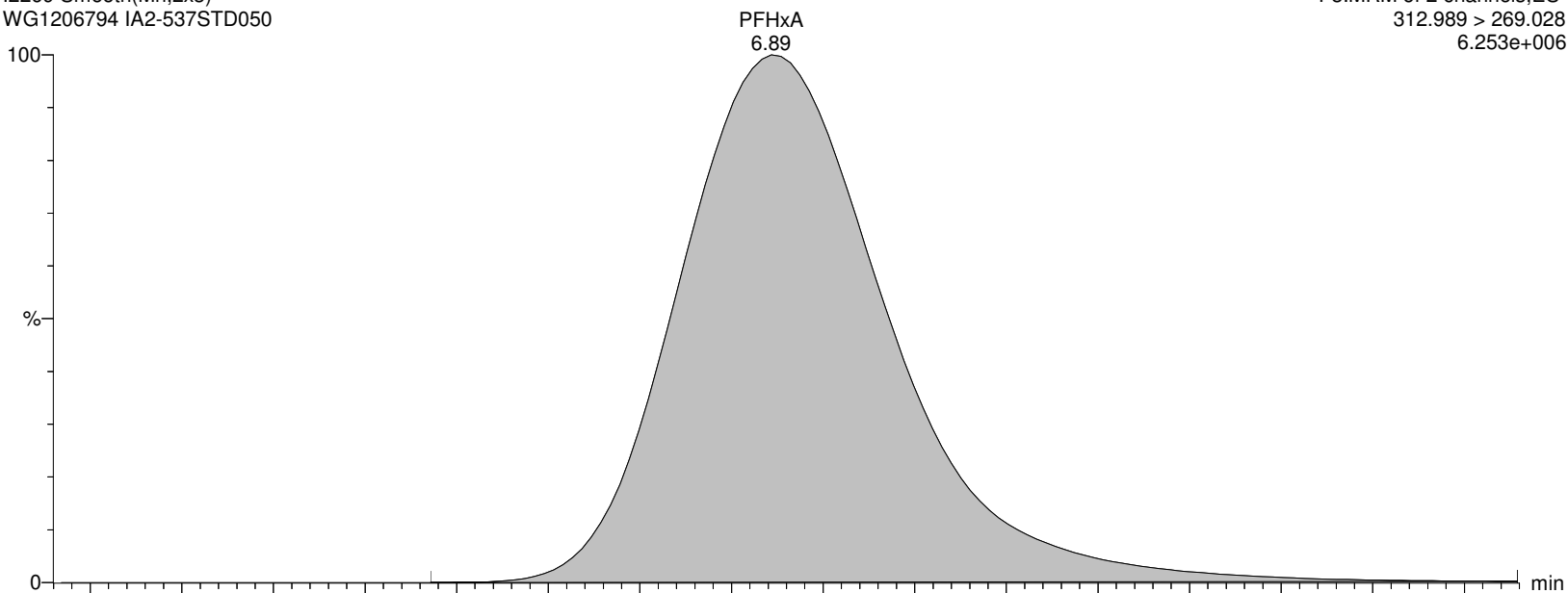
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F8:MRM of 2 channels,ES-

312.989 > 269.028

6.253e+006



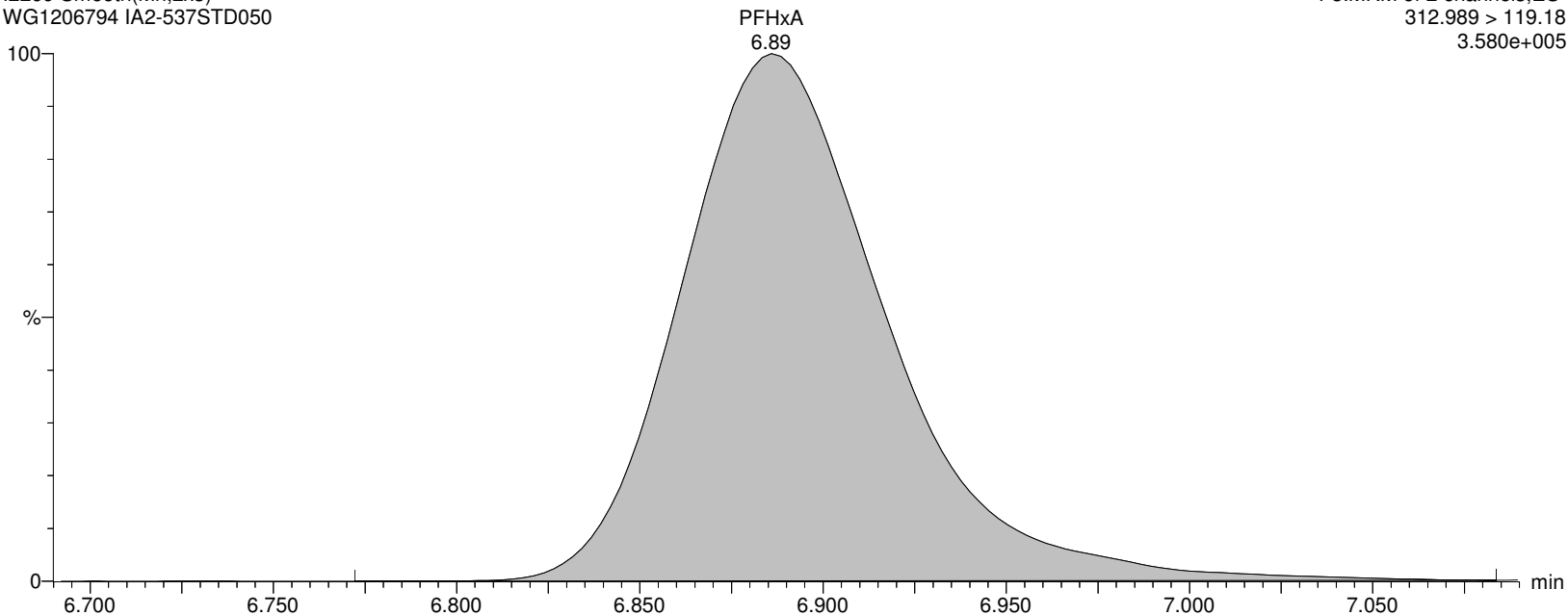
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F8:MRM of 2 channels,ES-

312.989 > 119.18

3.580e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFHxA

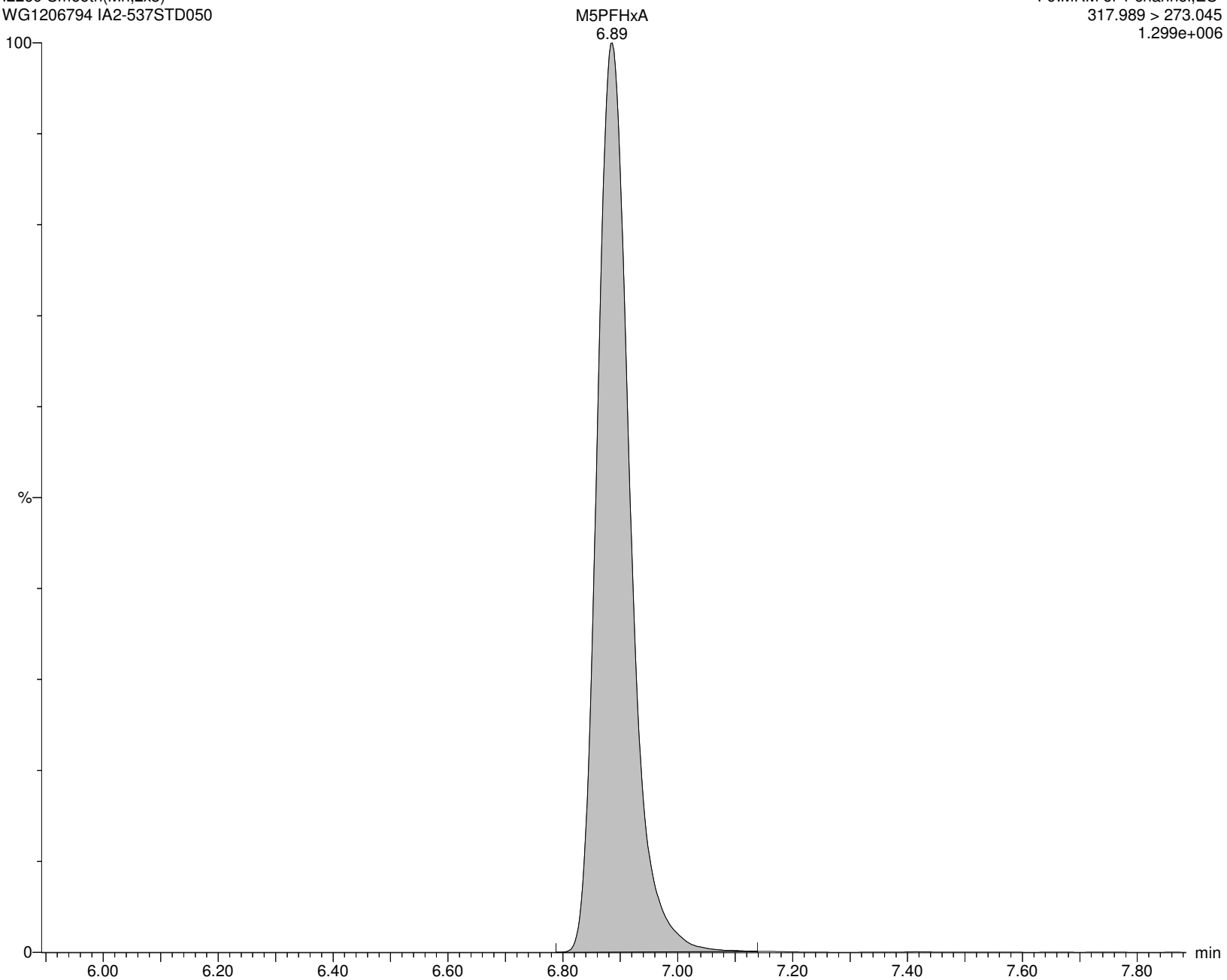
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F9:MRM of 1 channel,ES-

317.989 > 273.045

1.299e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeS

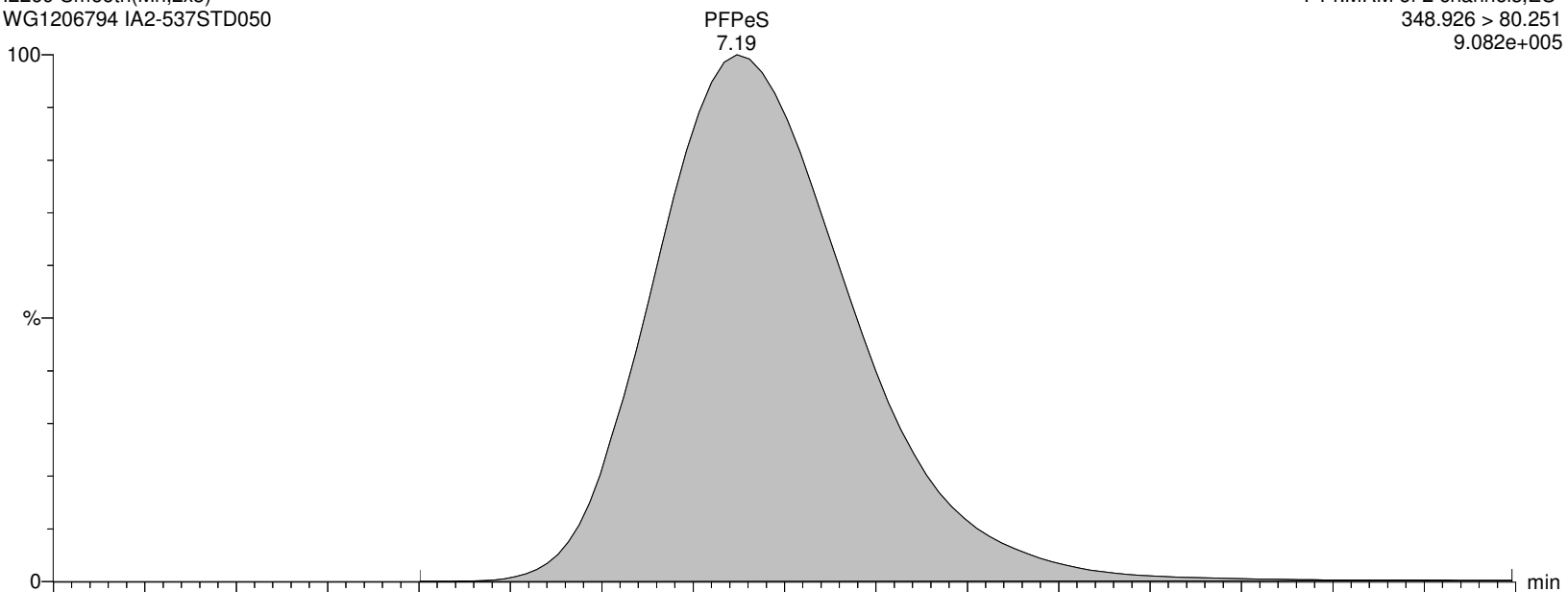
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F14:MRM of 2 channels,ES-

348.926 > 80.251

9.082e+005



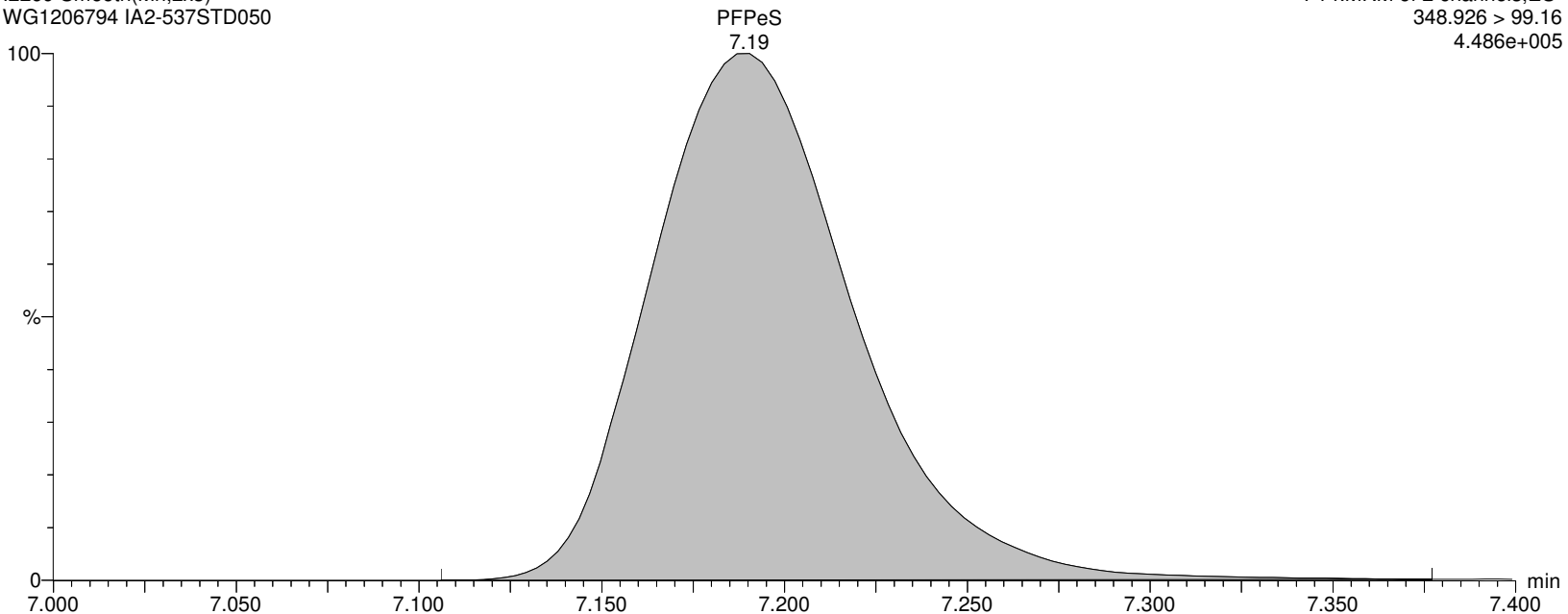
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F14:MRM of 2 channels,ES-

348.926 > 99.16

4.486e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpA

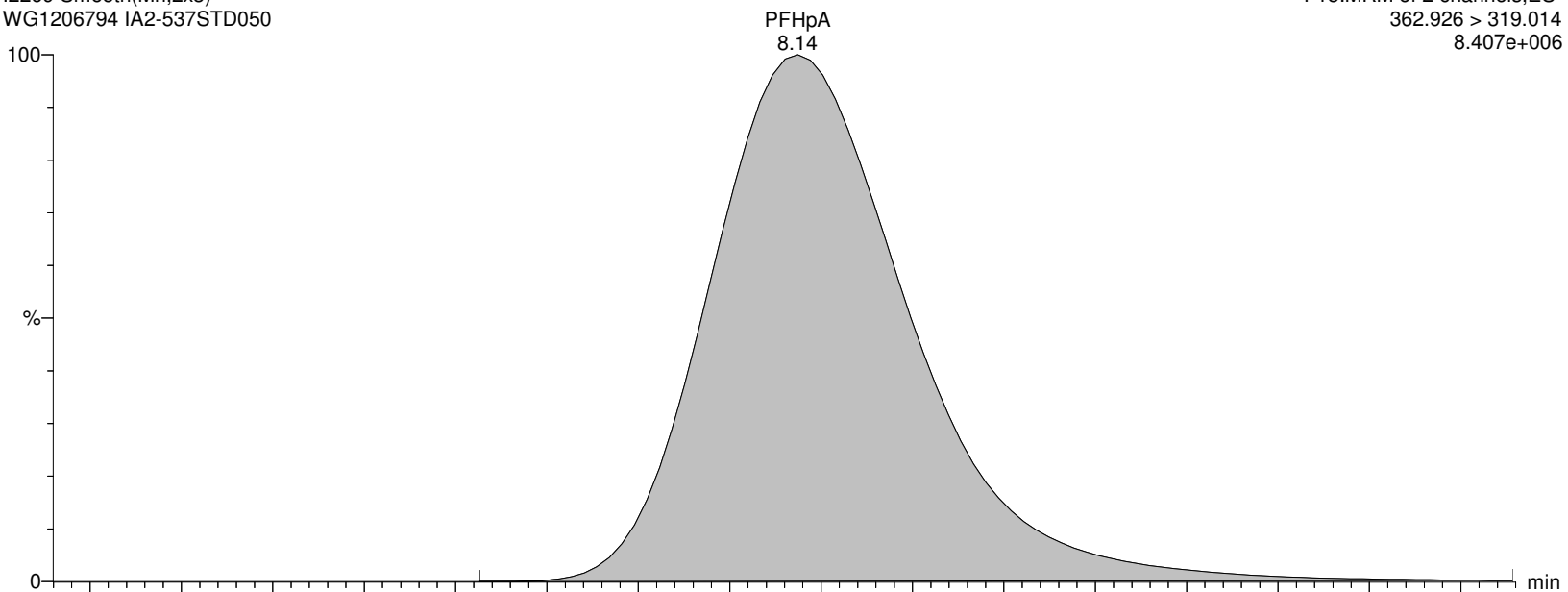
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F15:MRM of 2 channels,ES-

362.926 > 319.014

8.407e+006



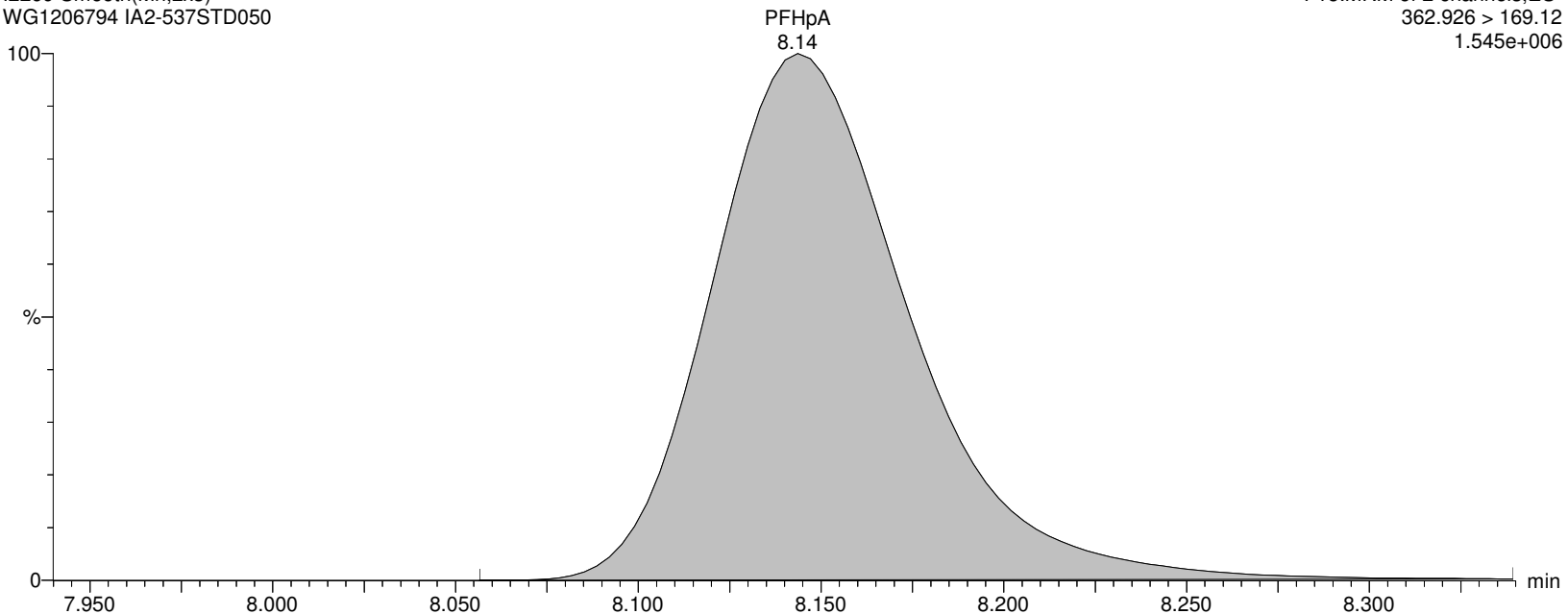
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F15:MRM of 2 channels,ES-

362.926 > 169.12

1.545e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFHpA

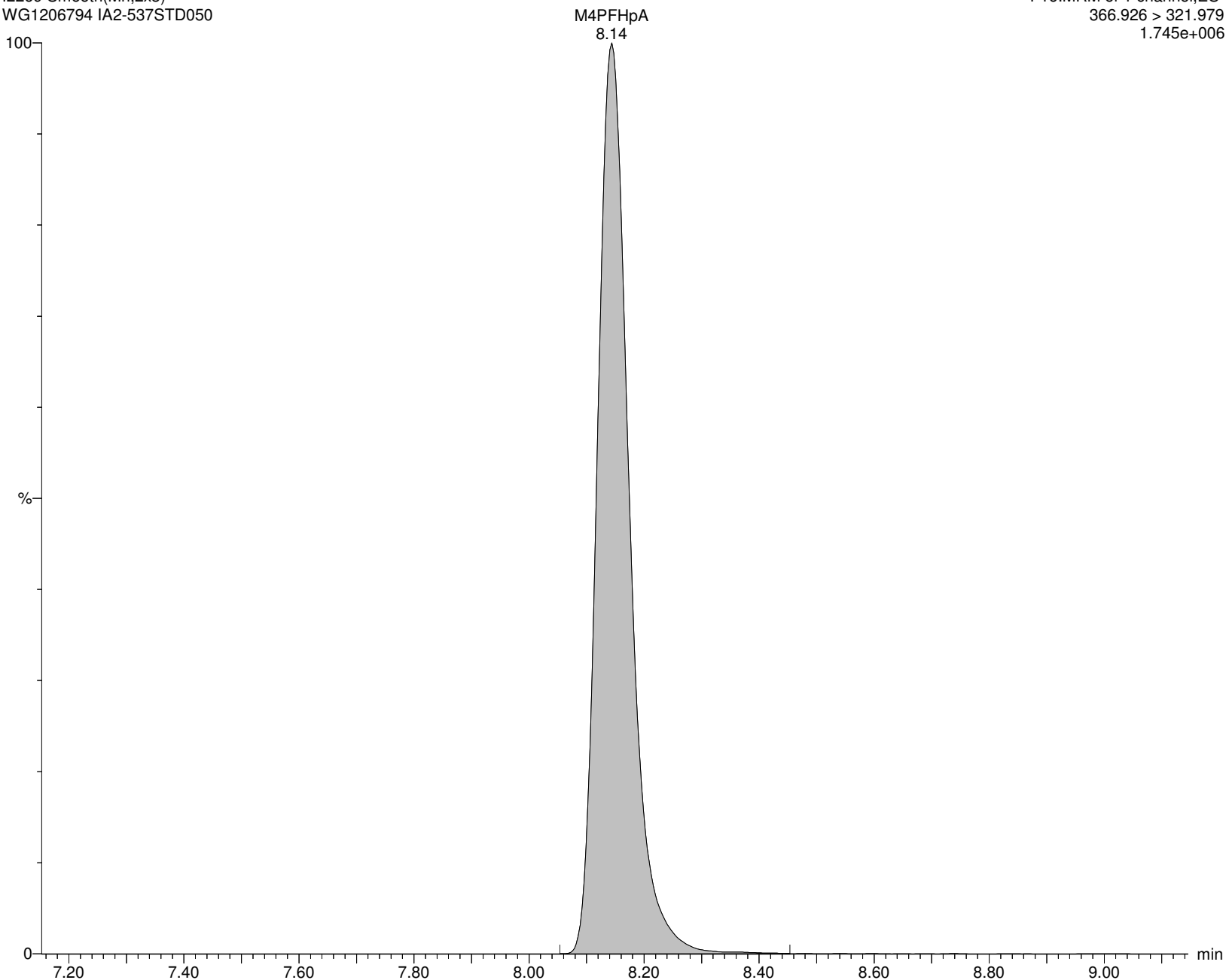
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F16:MRM of 1 channel,ES-

366.926 > 321.979

1.745e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFHxS

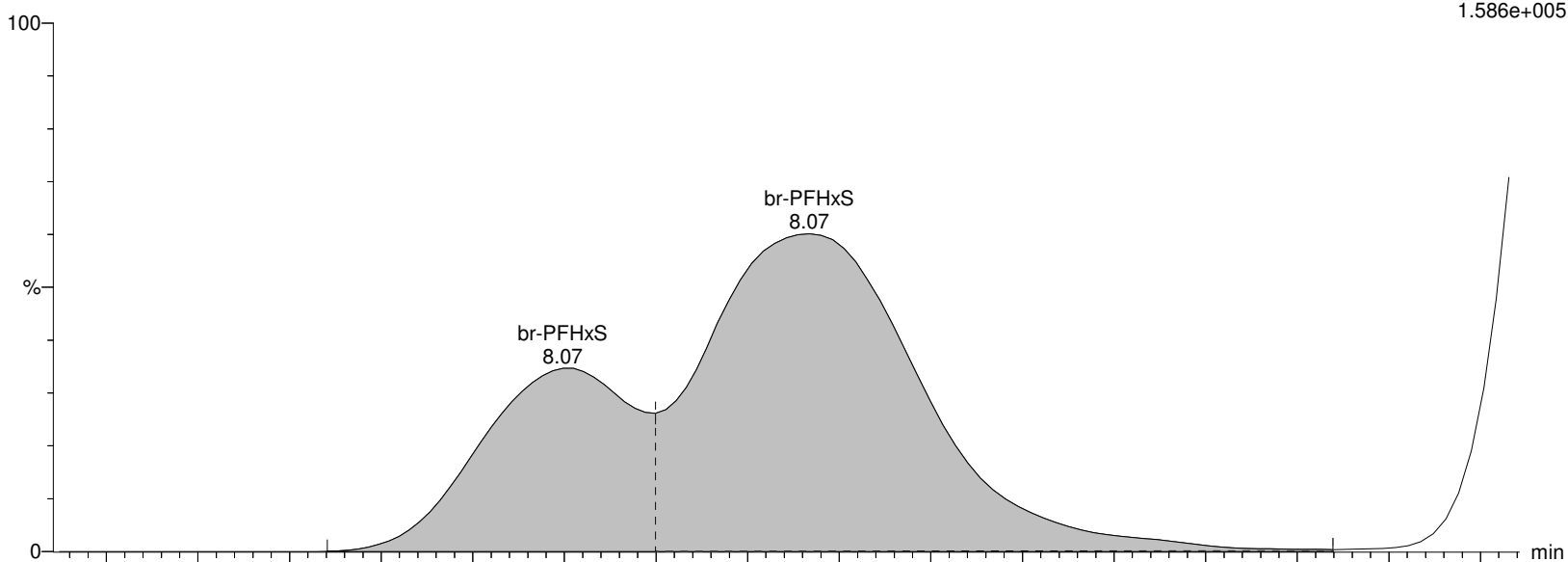
I2269 Smooth(Mn,3x2)

WG1206794 IA2-537STD050

F18:MRM of 2 channels,ES-

398.926 > 80.295

1.586e+005



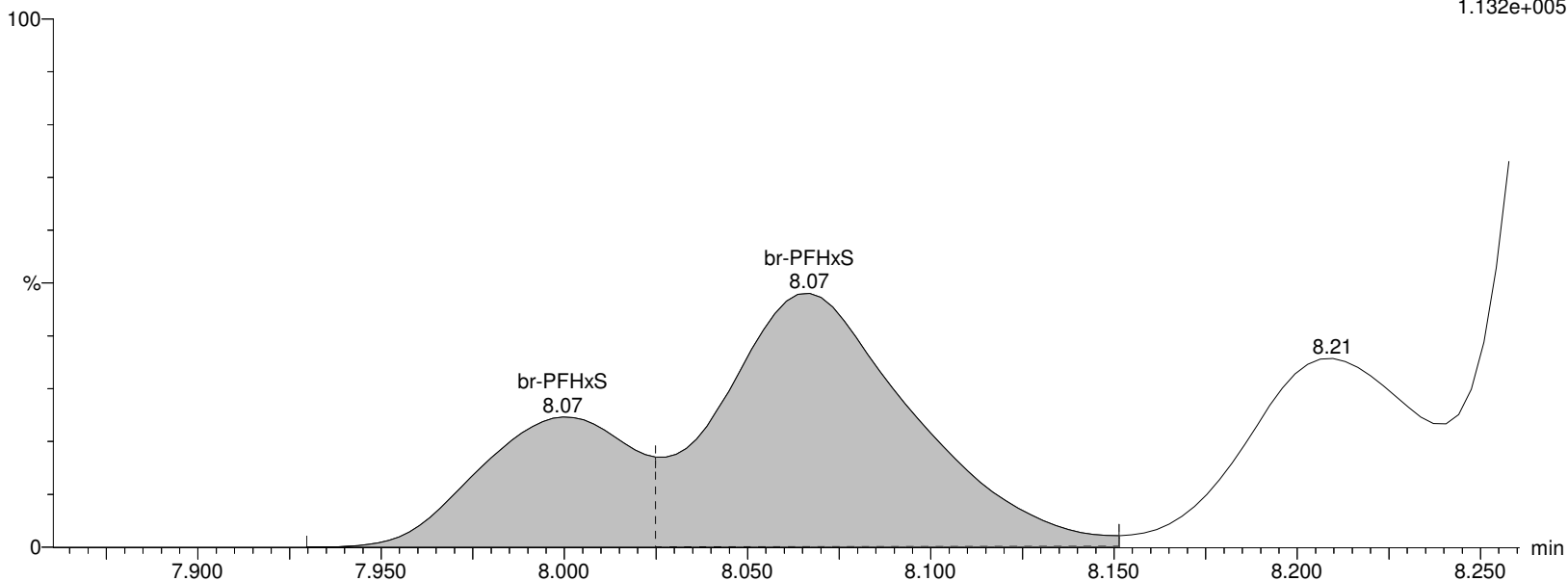
I2269 Smooth(Mn,3x2)

WG1206794 IA2-537STD050

F18:MRM of 2 channels,ES-

398.926 > 99.2

1.132e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFHxS

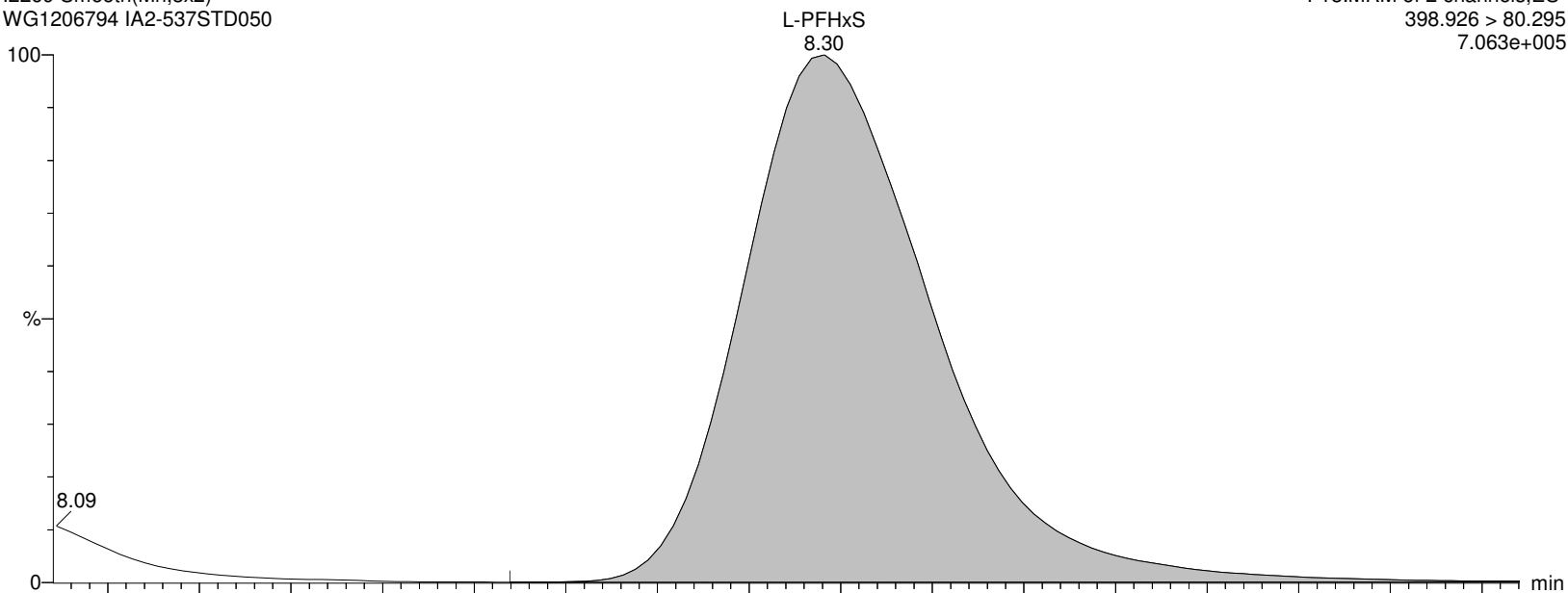
I2269 Smooth(Mn,3x2)

WG1206794 IA2-537STD050

F18:MRM of 2 channels,ES-

398.926 > 80.295

7.063e+005



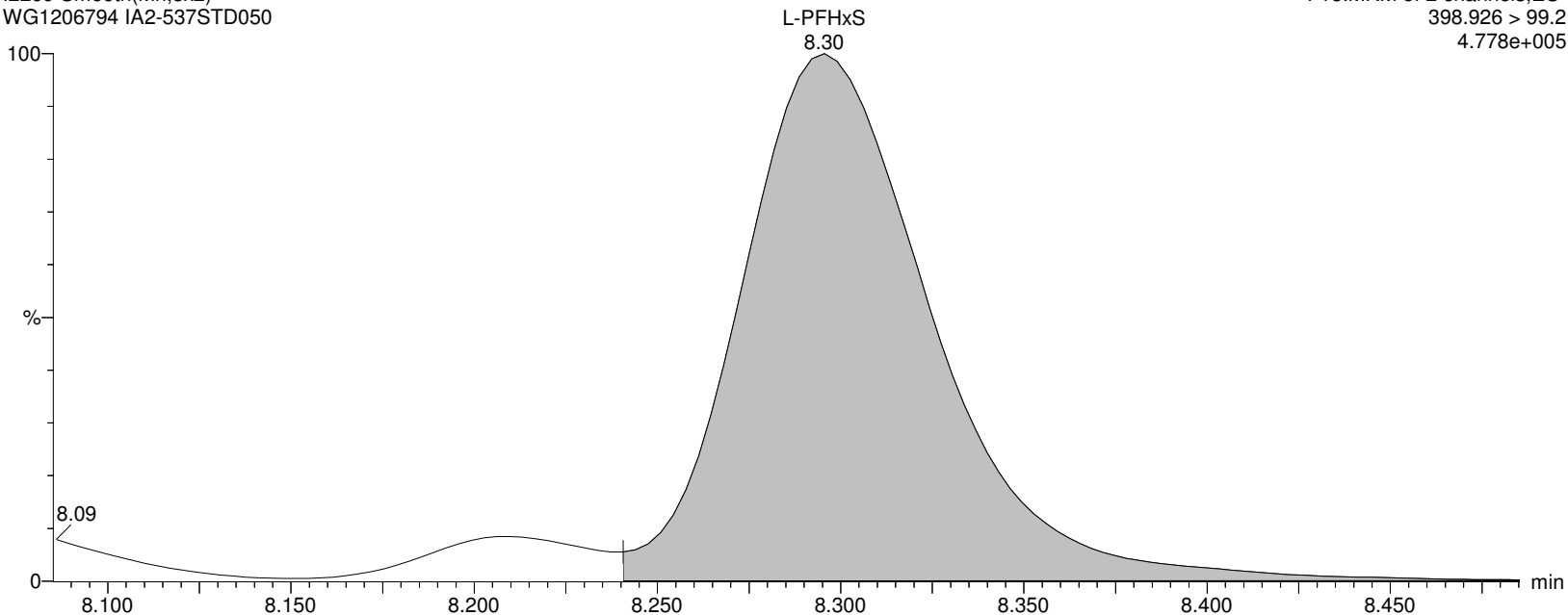
I2269 Smooth(Mn,3x2)

WG1206794 IA2-537STD050

F18:MRM of 2 channels,ES-

398.926 > 99.2

4.778e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxS

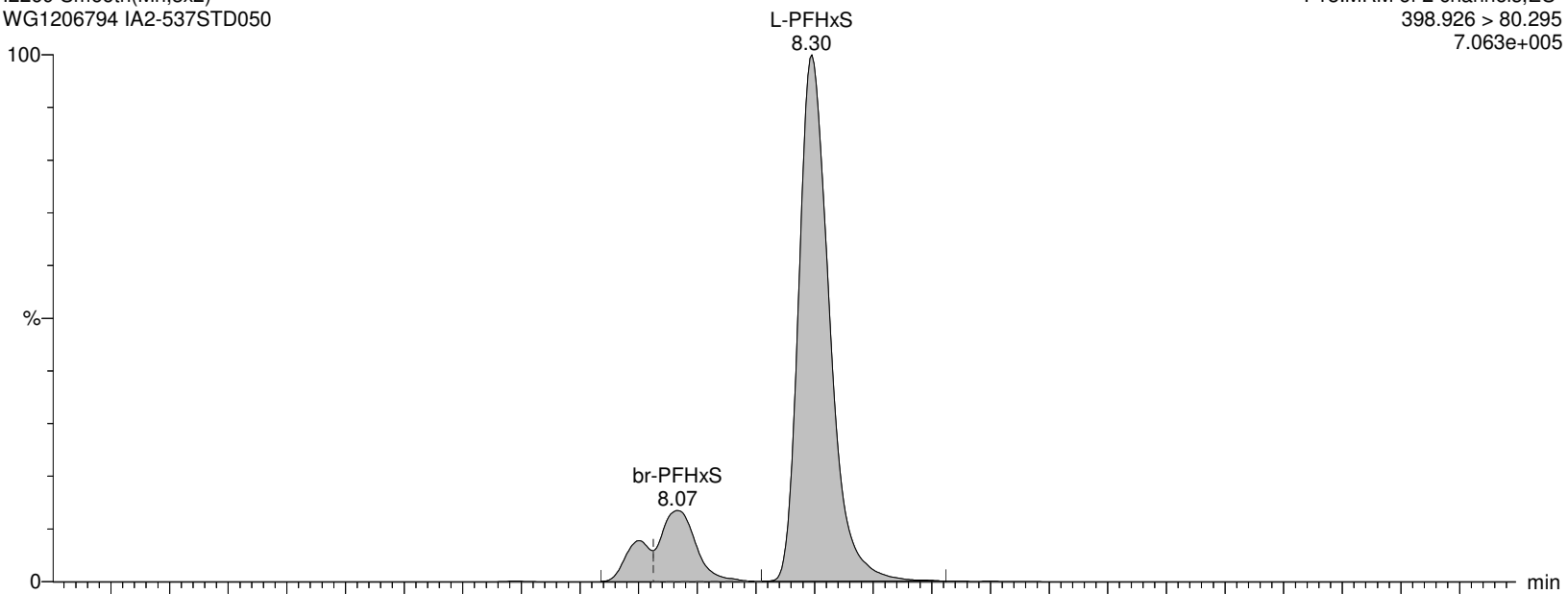
I2269 Smooth(Mn,3x2)

WG1206794 IA2-537STD050

F18:MRM of 2 channels,ES-

398.926 > 80.295

7.063e+005



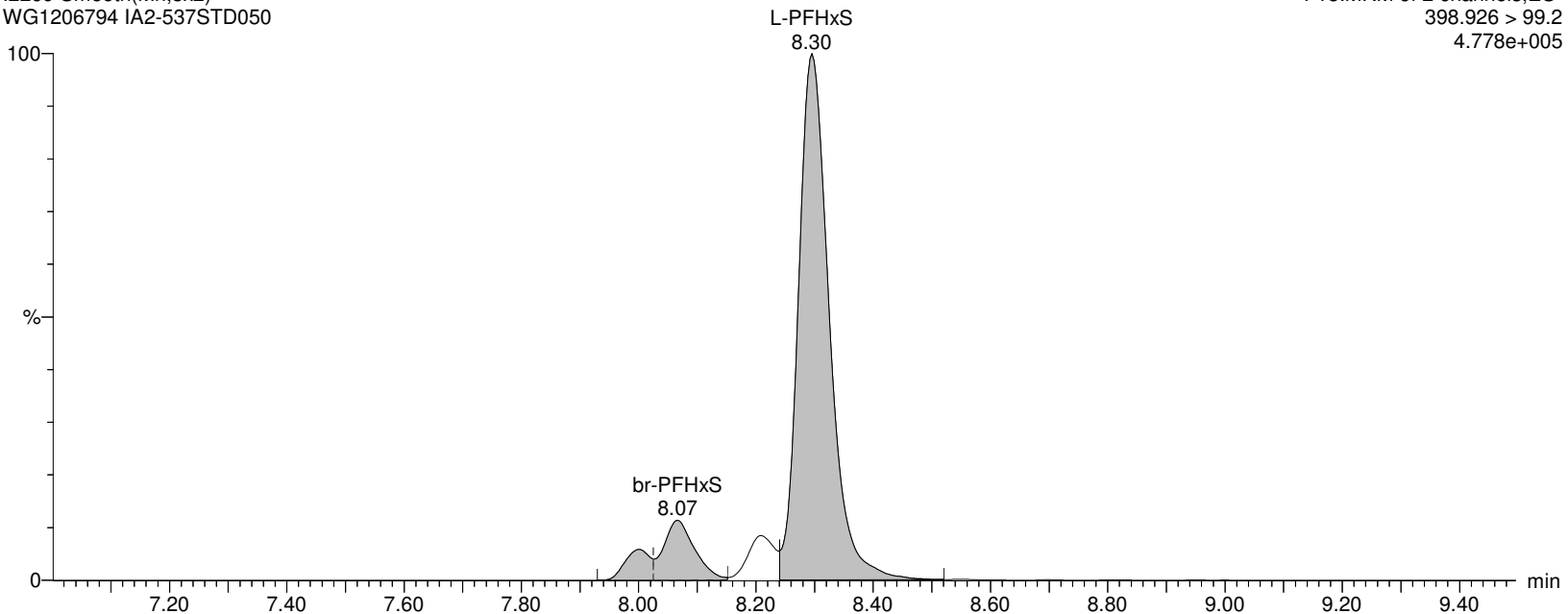
I2269 Smooth(Mn,3x2)

WG1206794 IA2-537STD050

F18:MRM of 2 channels,ES-

398.926 > 99.2

4.778e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFHxS

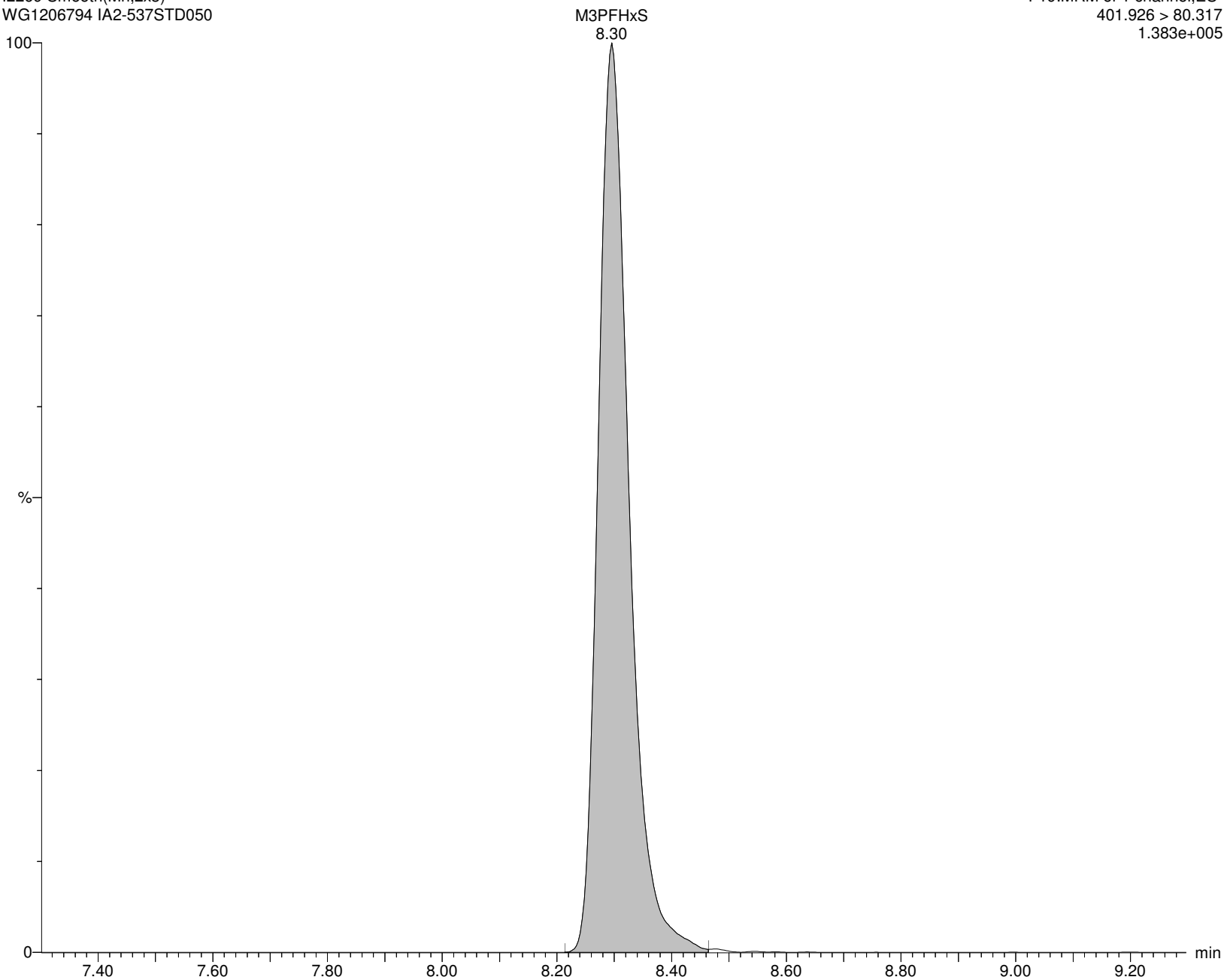
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F19:MRM of 1 channel,ES-

401.926 > 80.317

1.383e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOA

I2269 Smooth(Mn,2x2)

WG1206794 IA2-537STD050

F20:MRM of 2 channels,ES-

412.989 > 368.9

8.376e+006



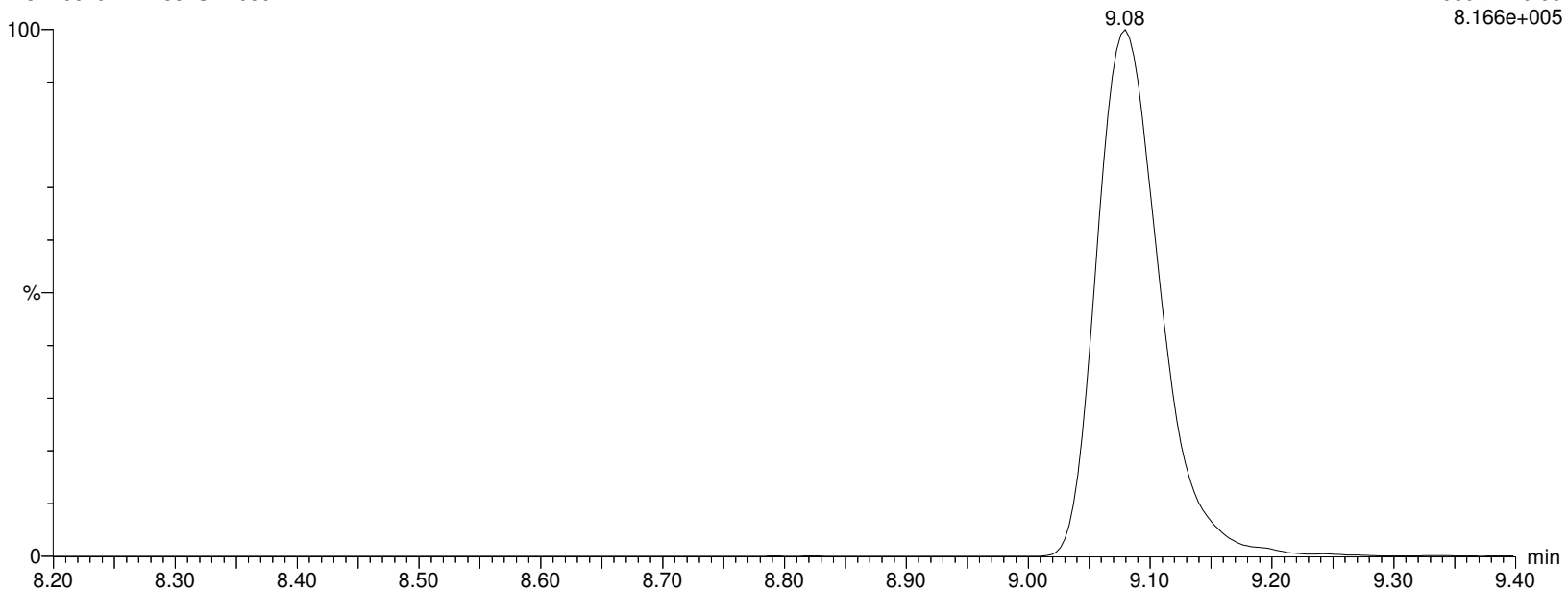
I2269 Smooth(Mn,2x2)

WG1206794 IA2-537STD050

F20:MRM of 2 channels,ES-

412.989 > 219.08

8.166e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOA

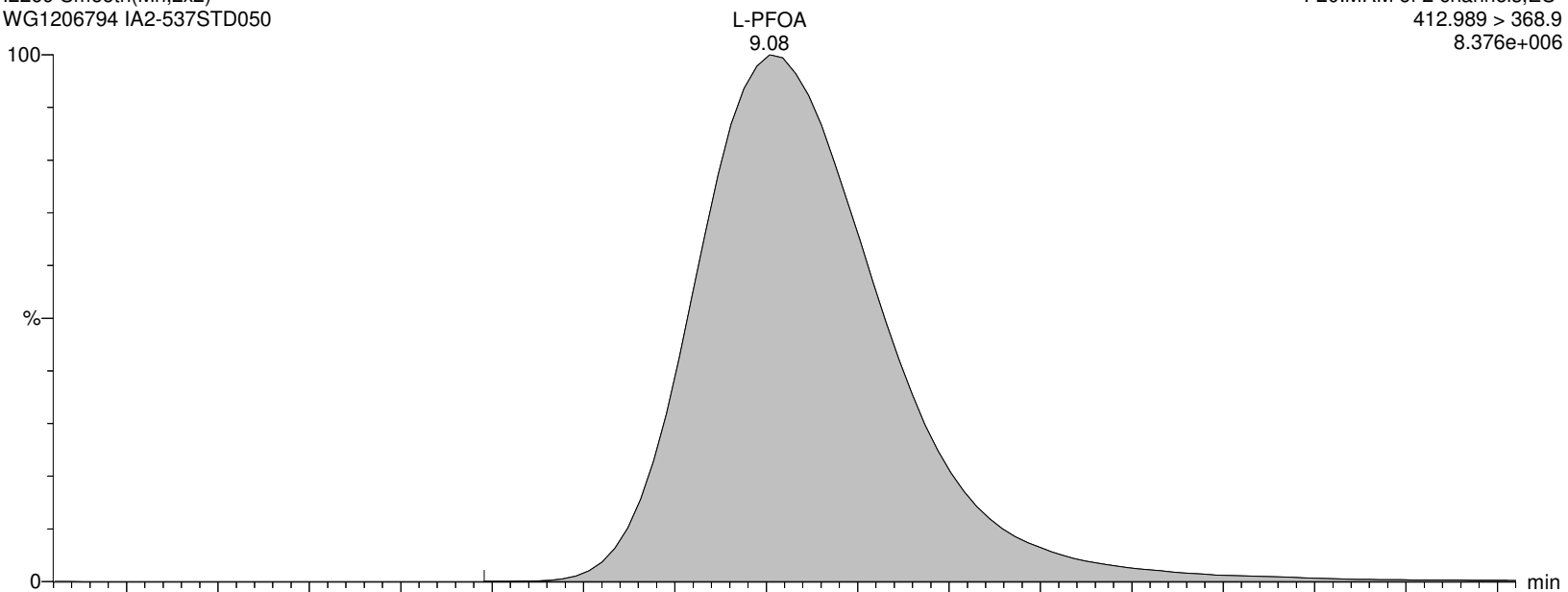
I2269 Smooth(Mn,2x2)

WG1206794 IA2-537STD050

F20:MRM of 2 channels,ES-

412.989 > 368.9

8.376e+006



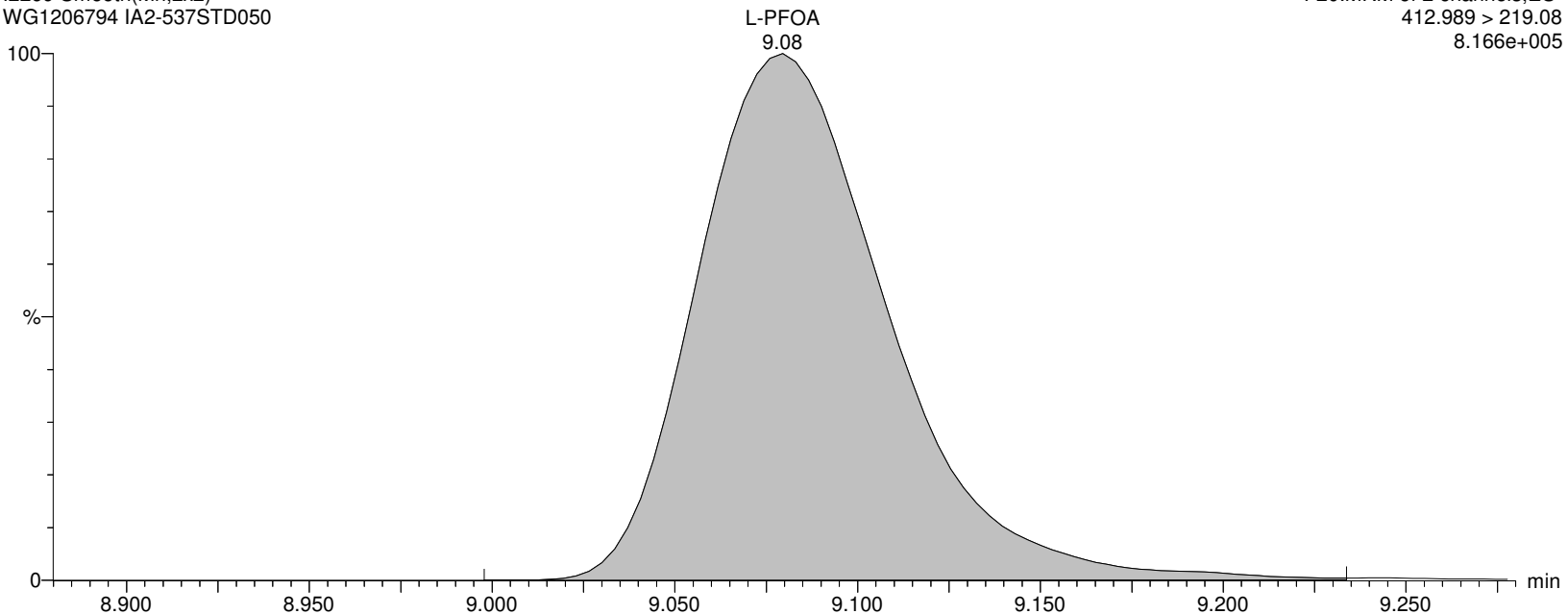
I2269 Smooth(Mn,2x2)

WG1206794 IA2-537STD050

F20:MRM of 2 channels,ES-

412.989 > 219.08

8.166e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFOA

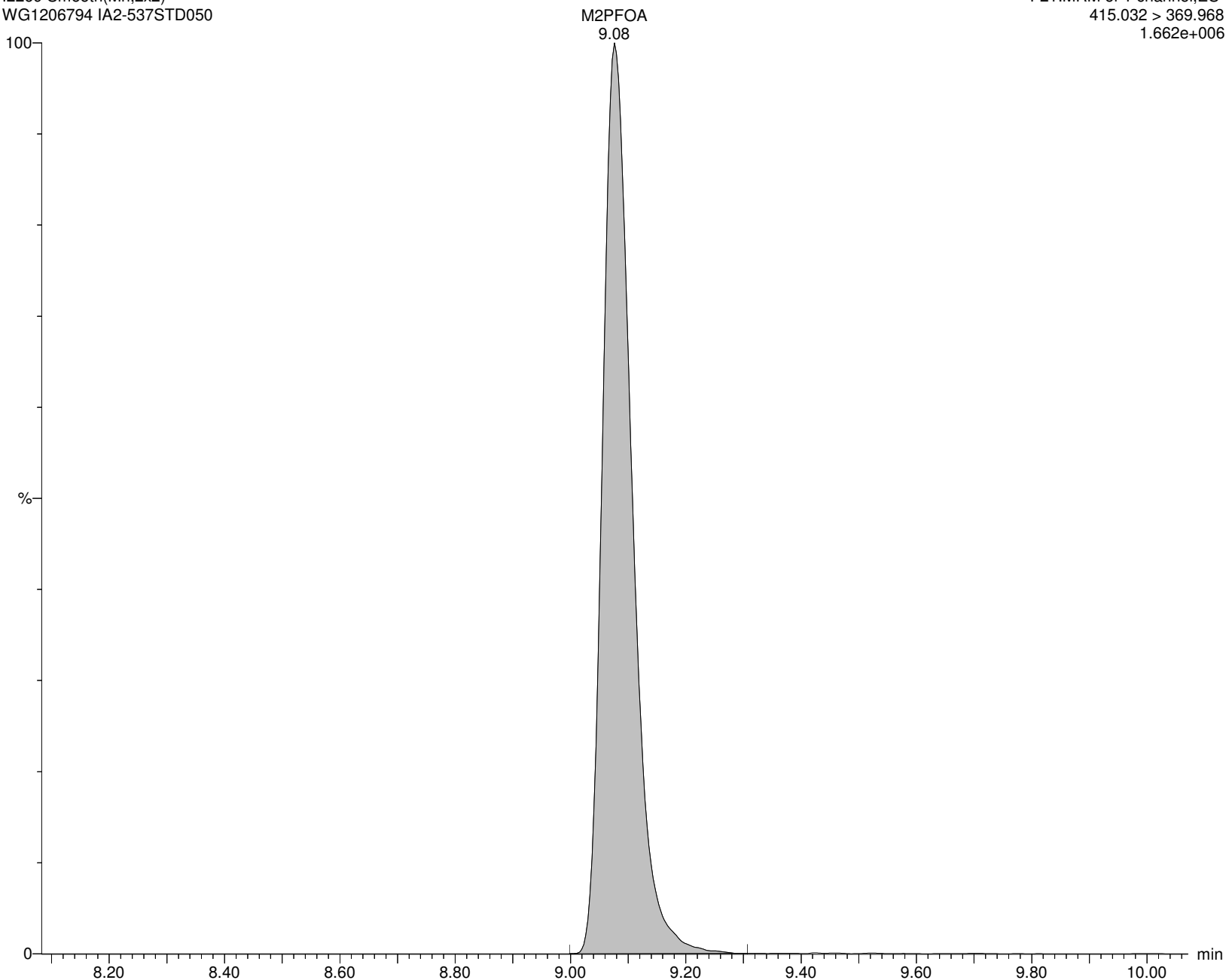
I2269 Smooth(Mn,2x2)

WG1206794 IA2-537STD050

F21:MRM of 1 channel,ES-

415.032 > 369.968

1.662e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOA

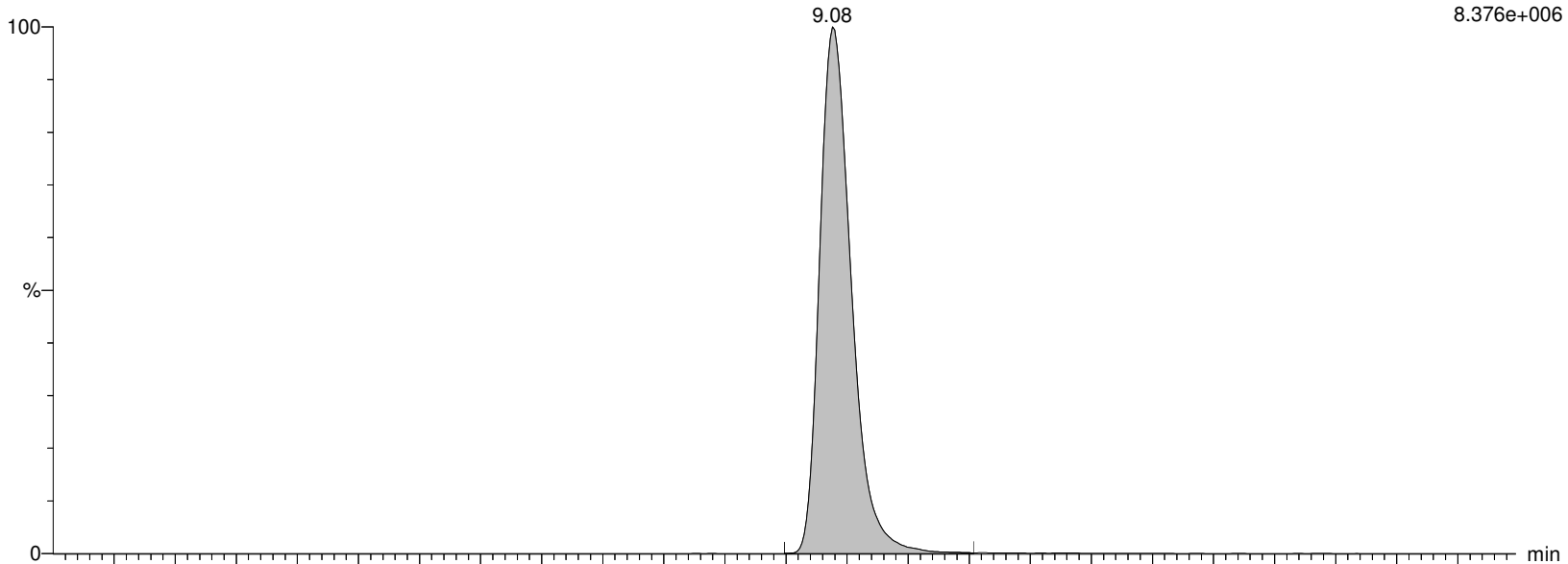
I2269 Smooth(Mn,2x2)

WG1206794 IA2-537STD050

F20:MRM of 2 channels,ES-

412.989 > 368.9

8.376e+006



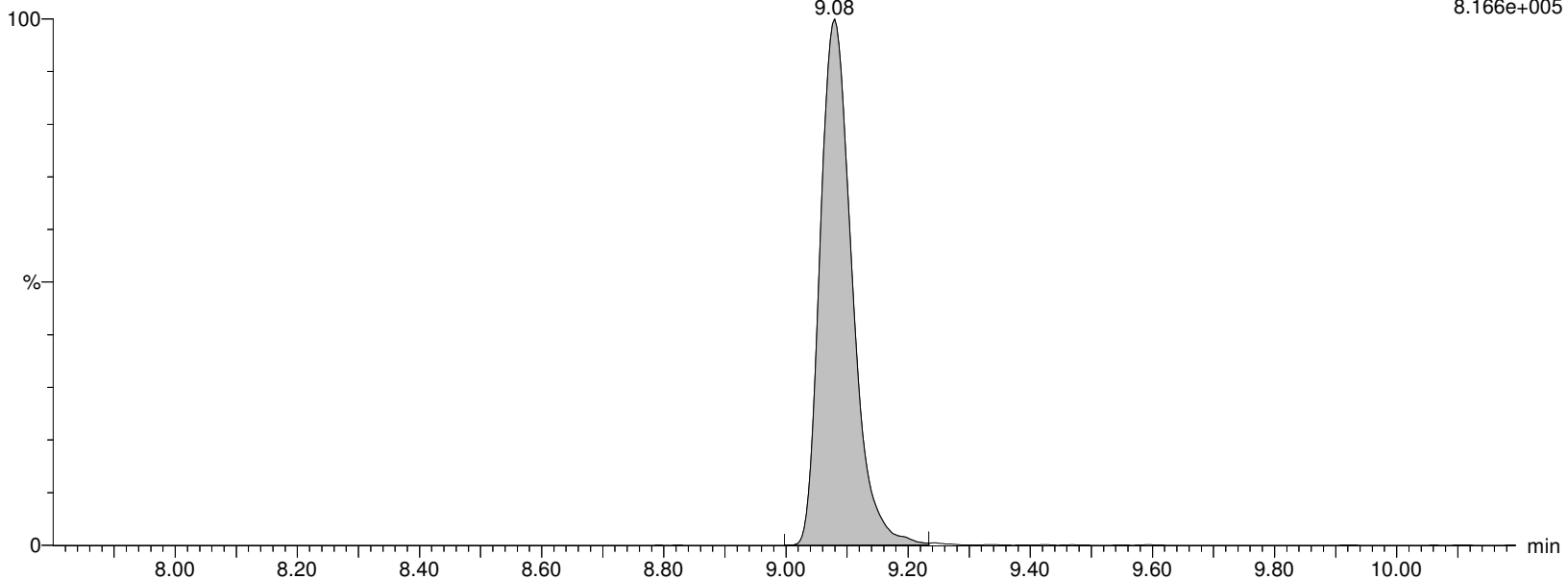
I2269 Smooth(Mn,2x2)

WG1206794 IA2-537STD050

F20:MRM of 2 channels,ES-

412.989 > 219.08

8.166e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOA

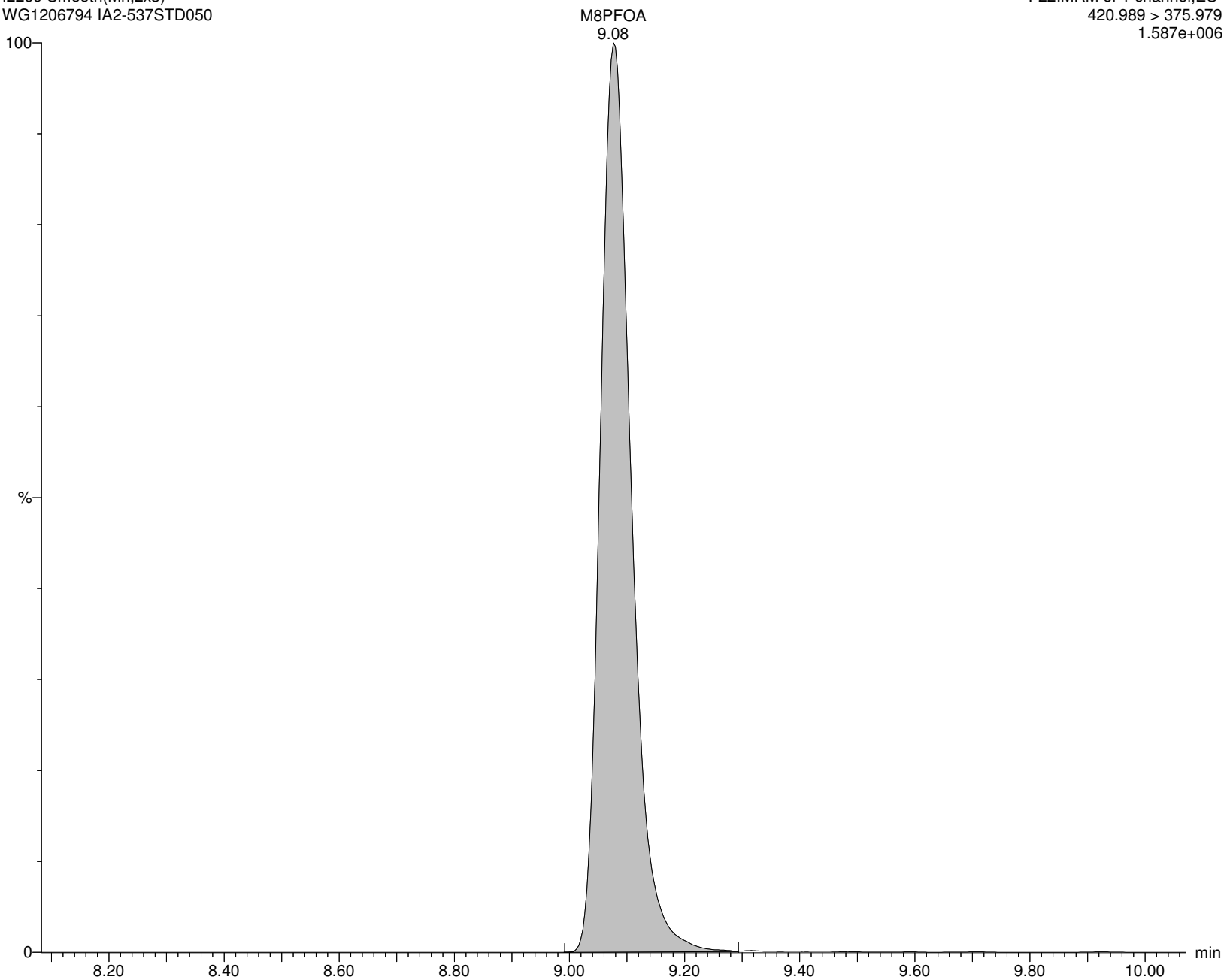
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F22:MRM of 1 channel,ES-

420.989 > 375.979

1.587e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

6:2FTS

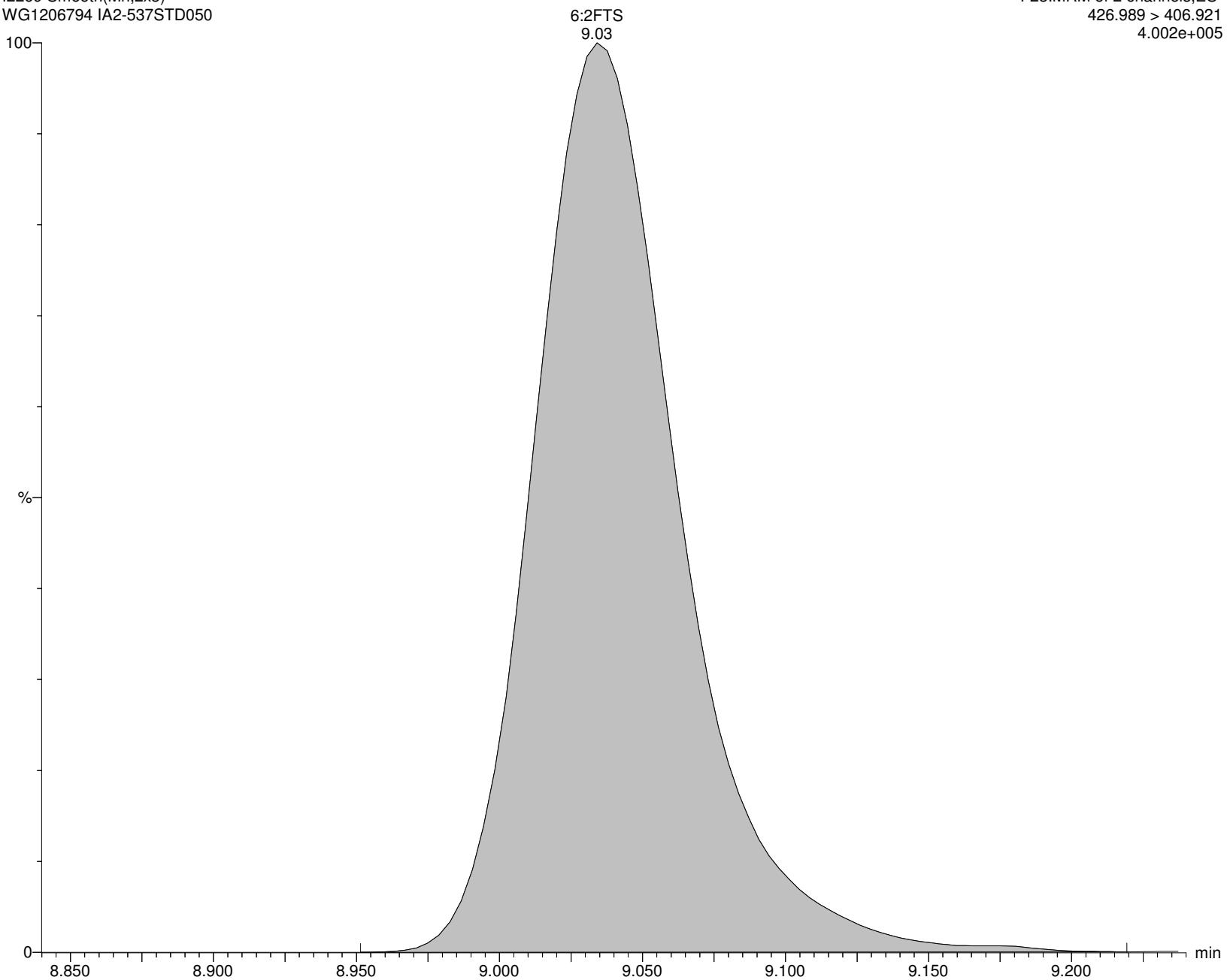
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F23:MRM of 2 channels,ES-

426.989 > 406.921

4.002e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-6:2FTS

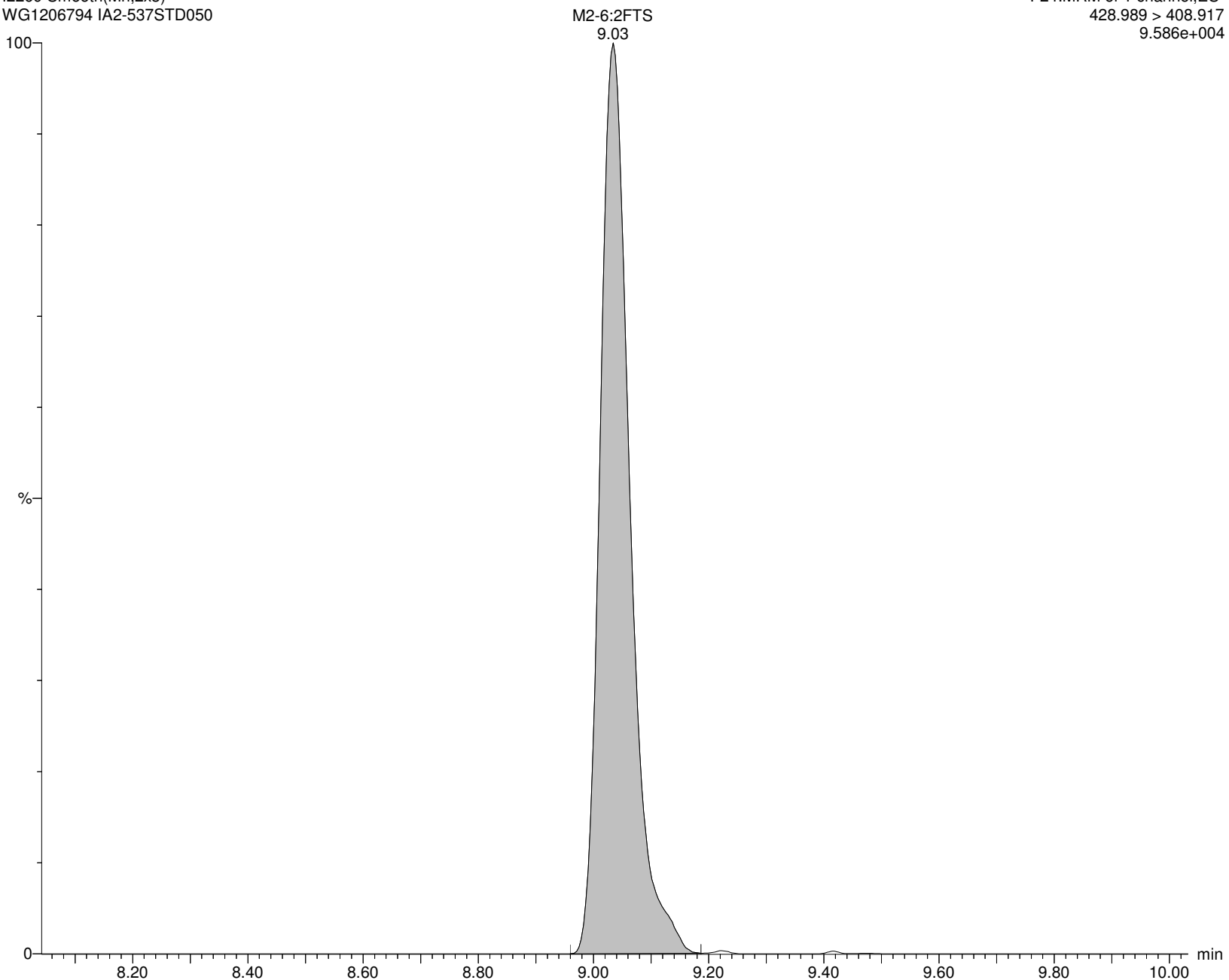
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F24:MRM of 1 channel,ES-

428.989 > 408.917

9.586e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpS

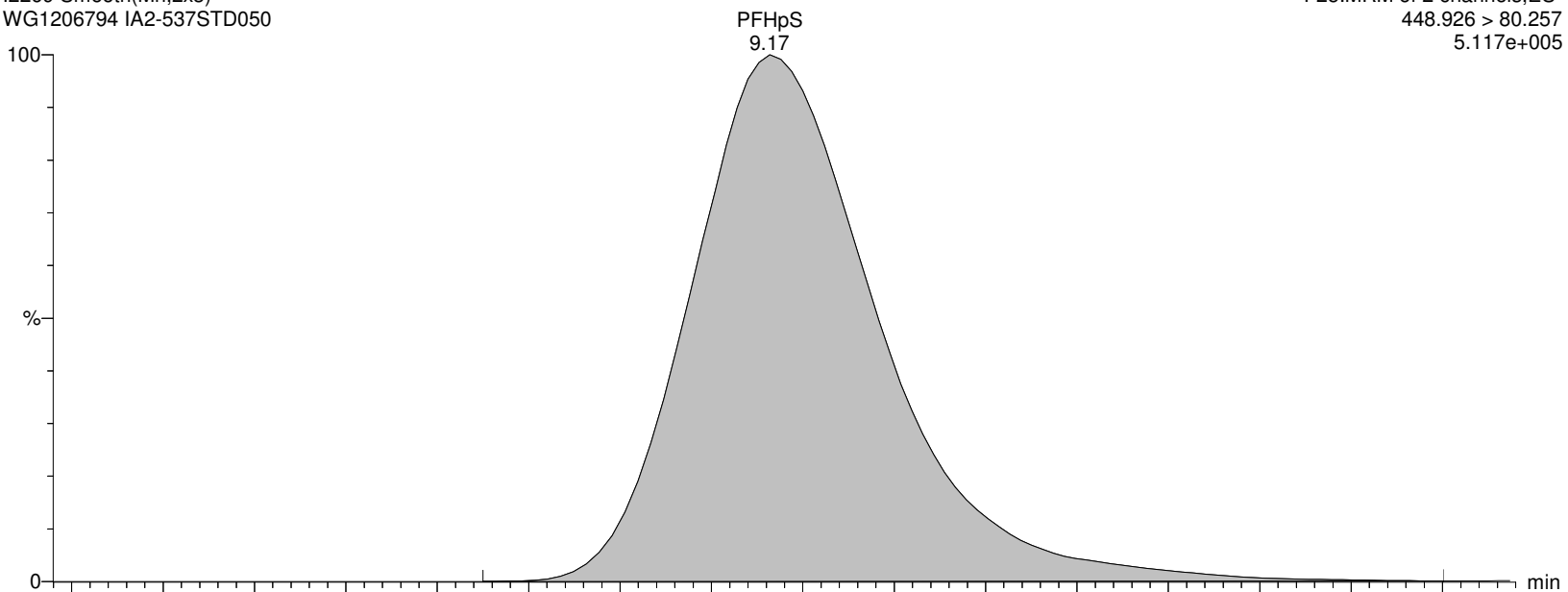
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F25:MRM of 2 channels,ES-

448.926 > 80.257

5.117e+005



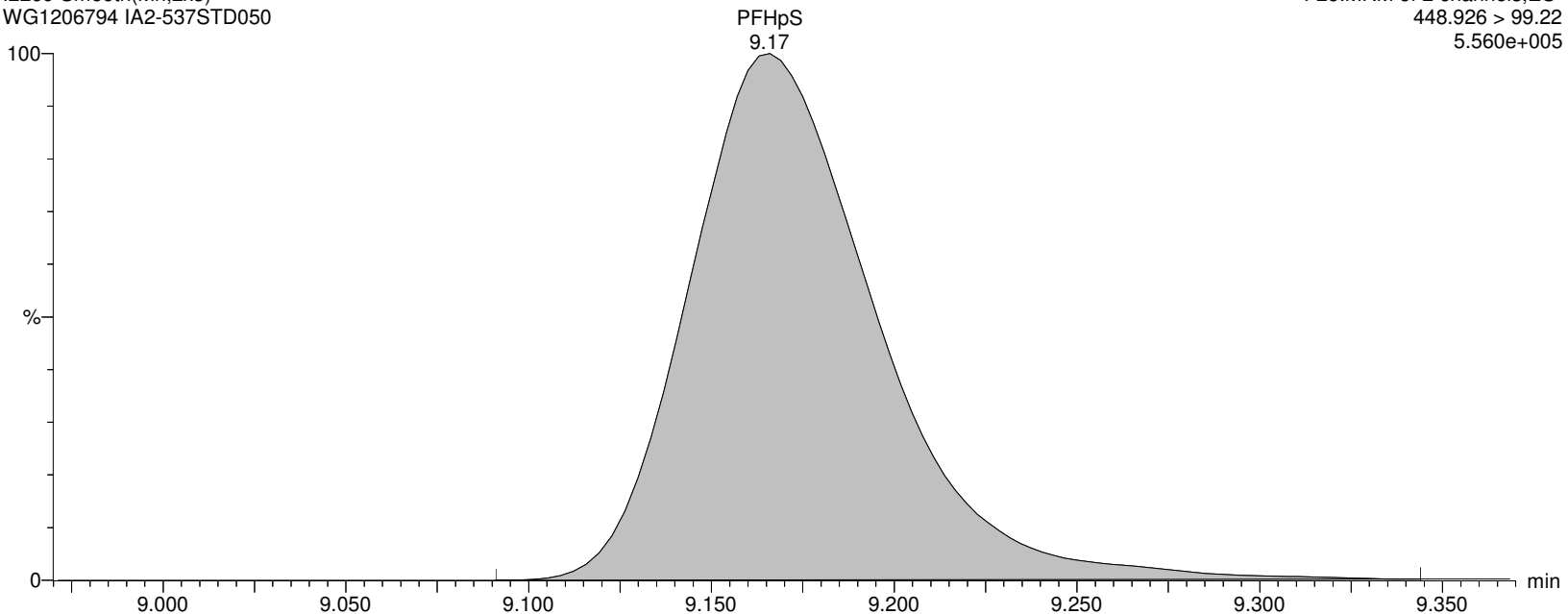
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F25:MRM of 2 channels,ES-

448.926 > 99.22

5.560e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNA

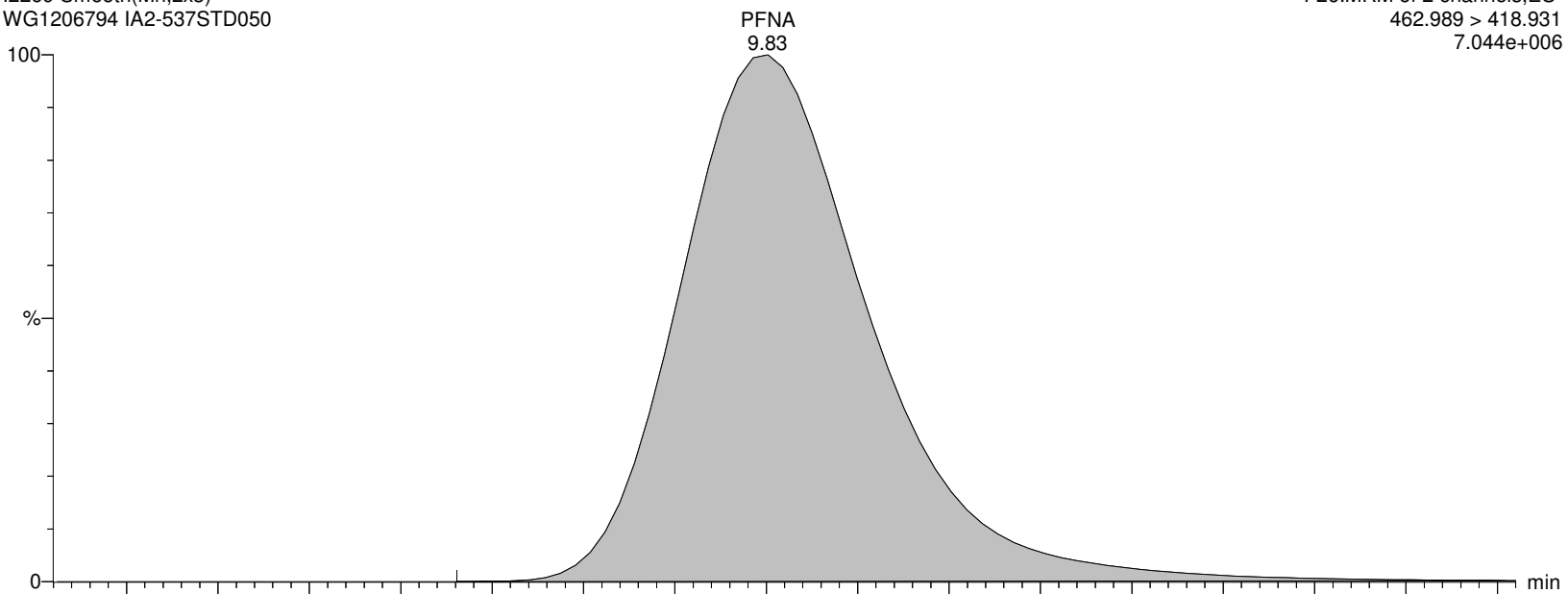
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F26:MRM of 2 channels,ES-

462.989 > 418.931

7.044e+006



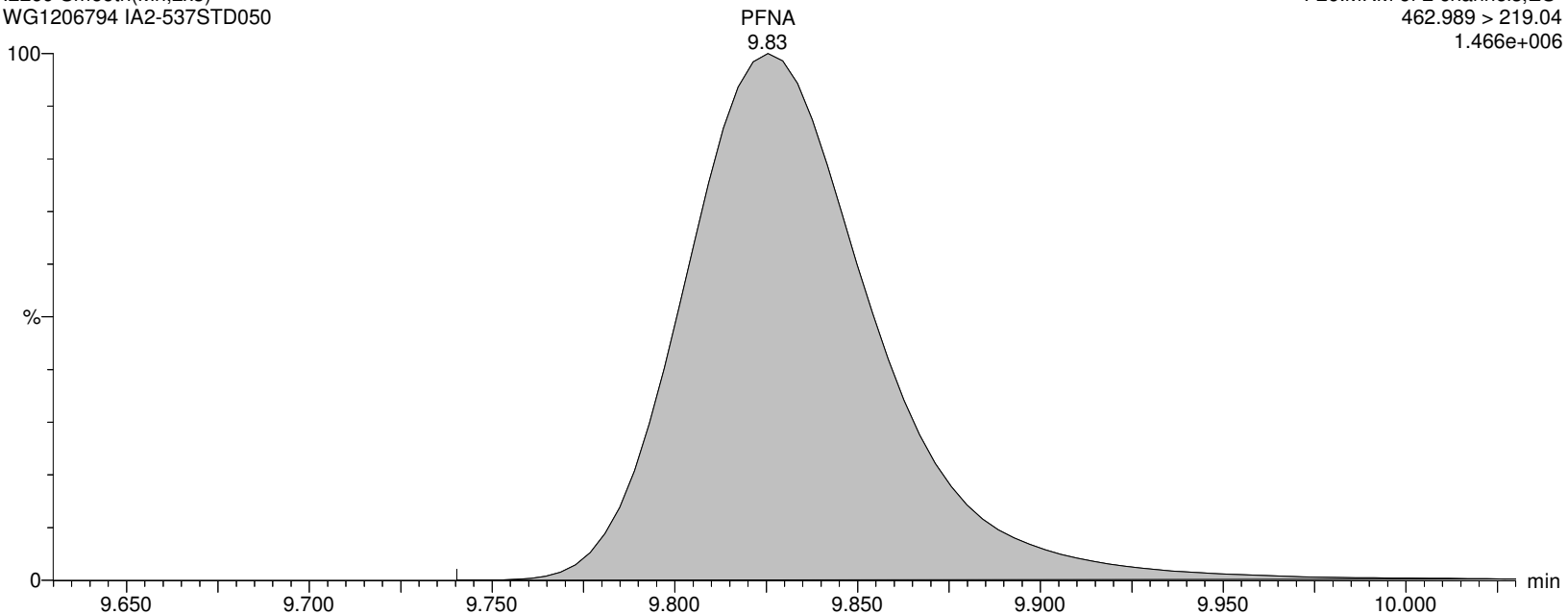
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F26:MRM of 2 channels,ES-

462.989 > 219.04

1.466e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M9PFNA

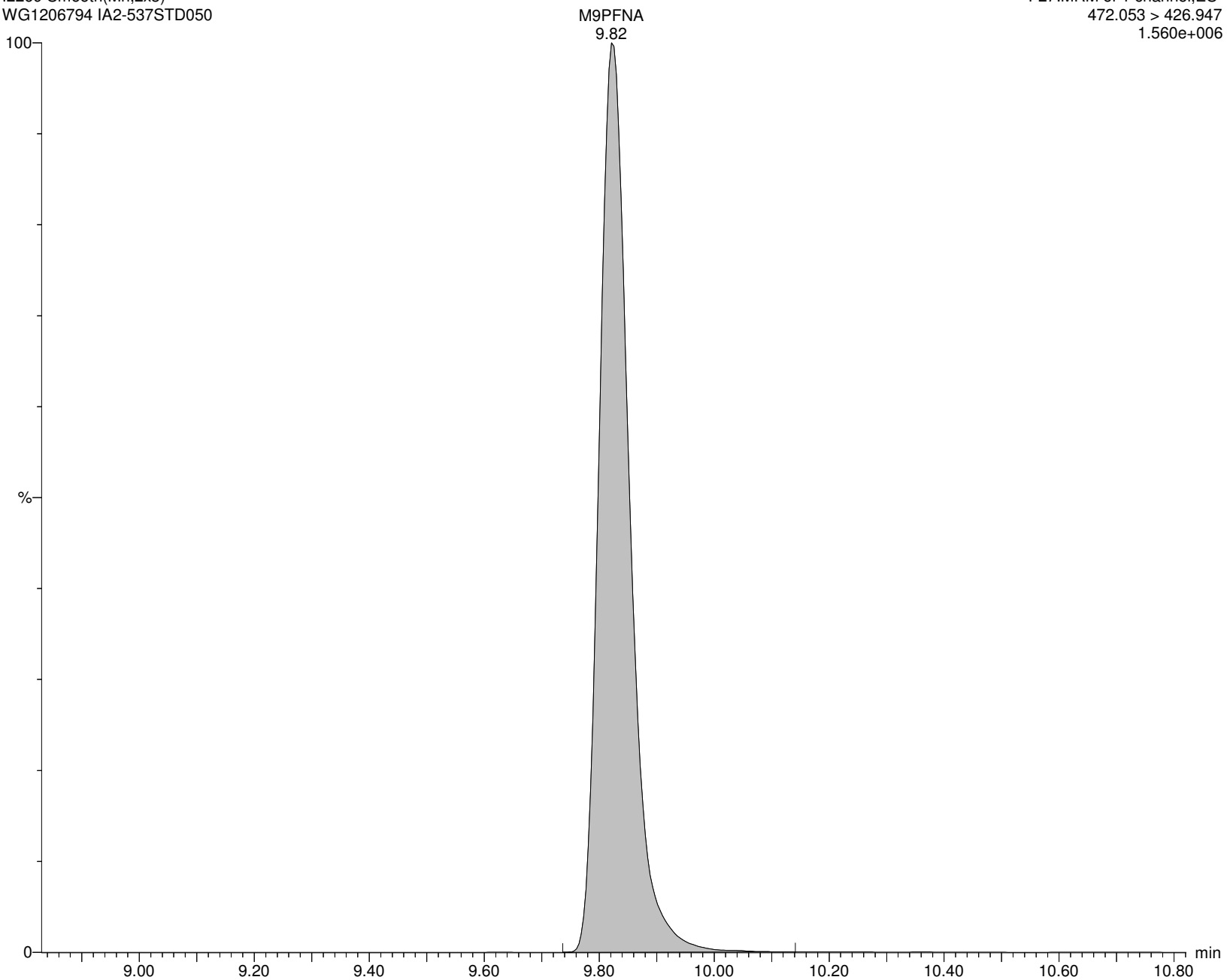
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F27:MRM of 1 channel,ES-

472.053 > 426.947

1.560e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

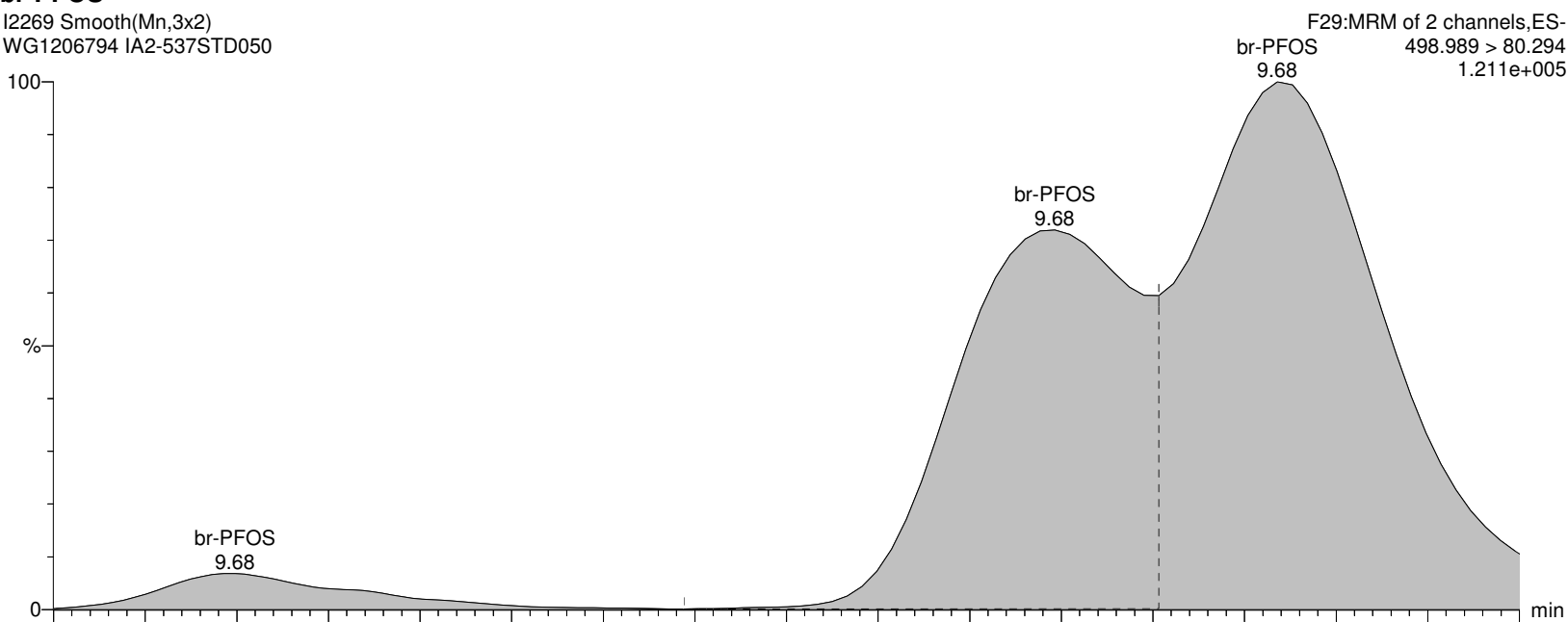
Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOS

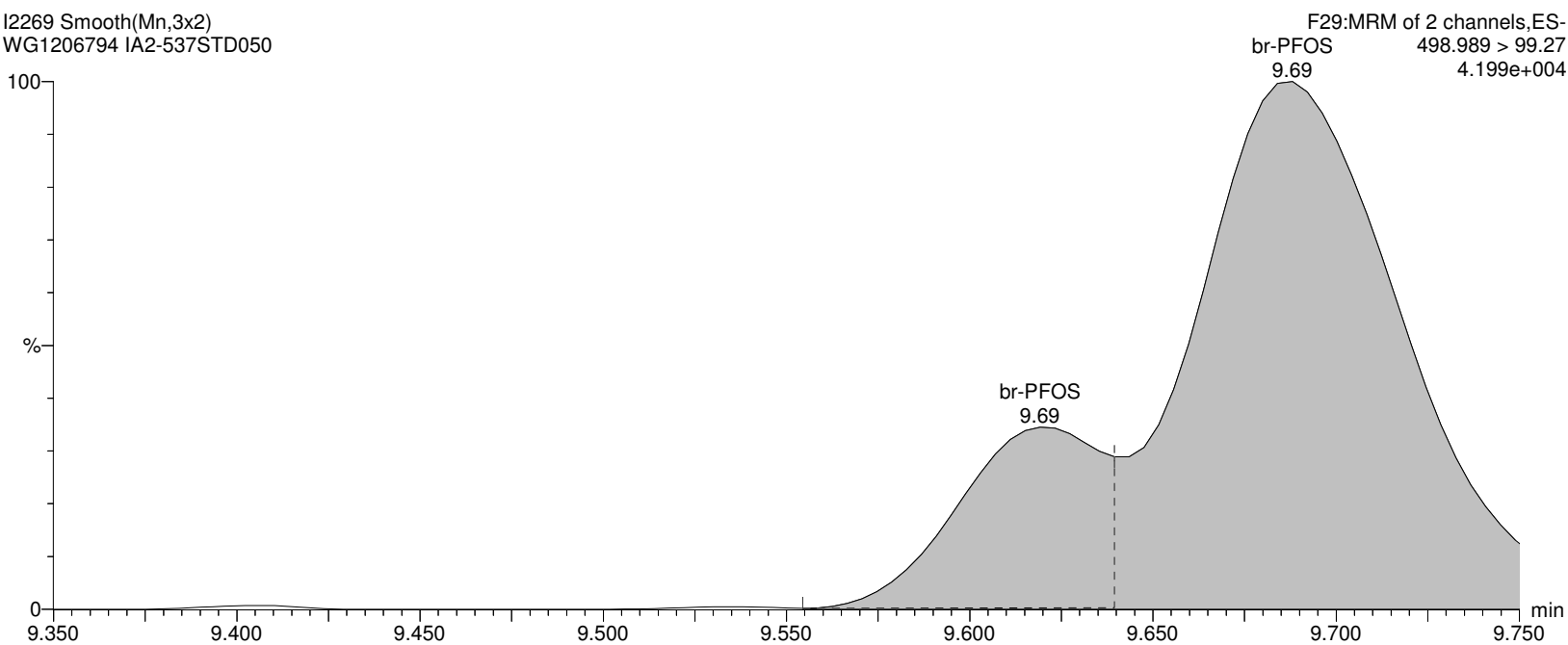
I2269 Smooth(Mn,3x2)

WG1206794 IA2-537STD050



I2269 Smooth(Mn,3x2)

WG1206794 IA2-537STD050



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOS

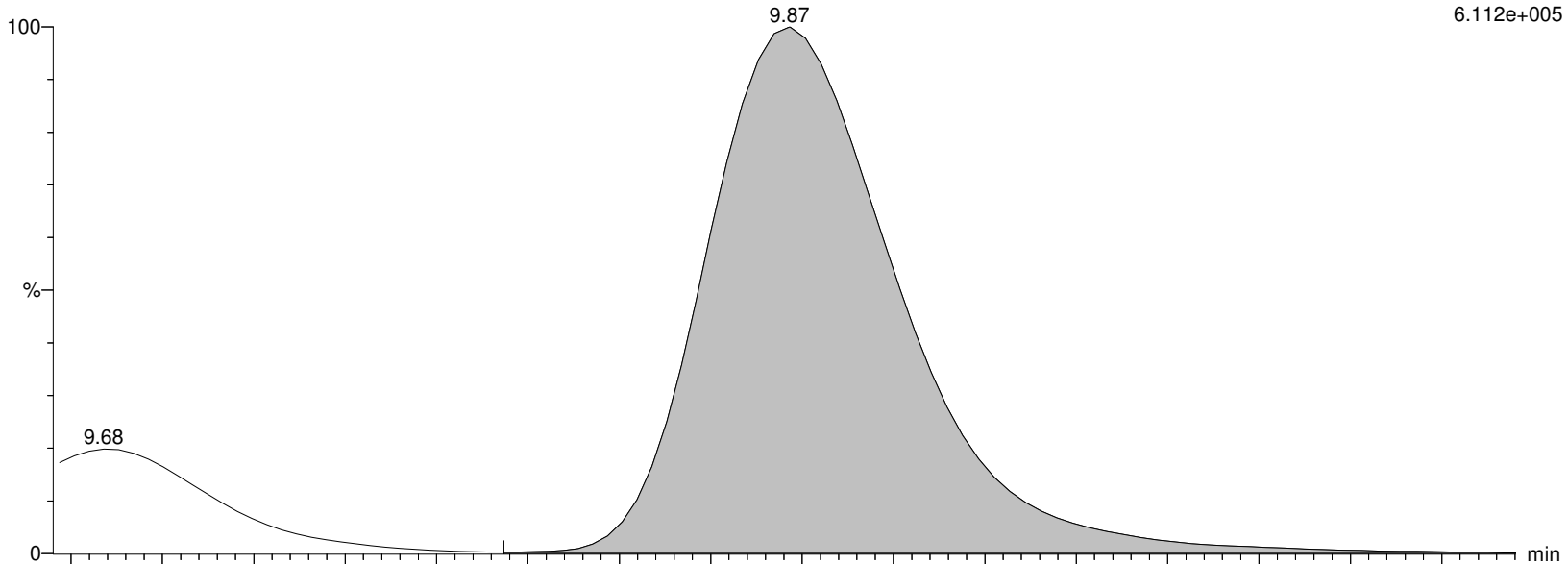
I2269 Smooth(Mn,3x2)

WG1206794 IA2-537STD050

F29:MRM of 2 channels,ES-

498.989 > 80.294

6.112e+005



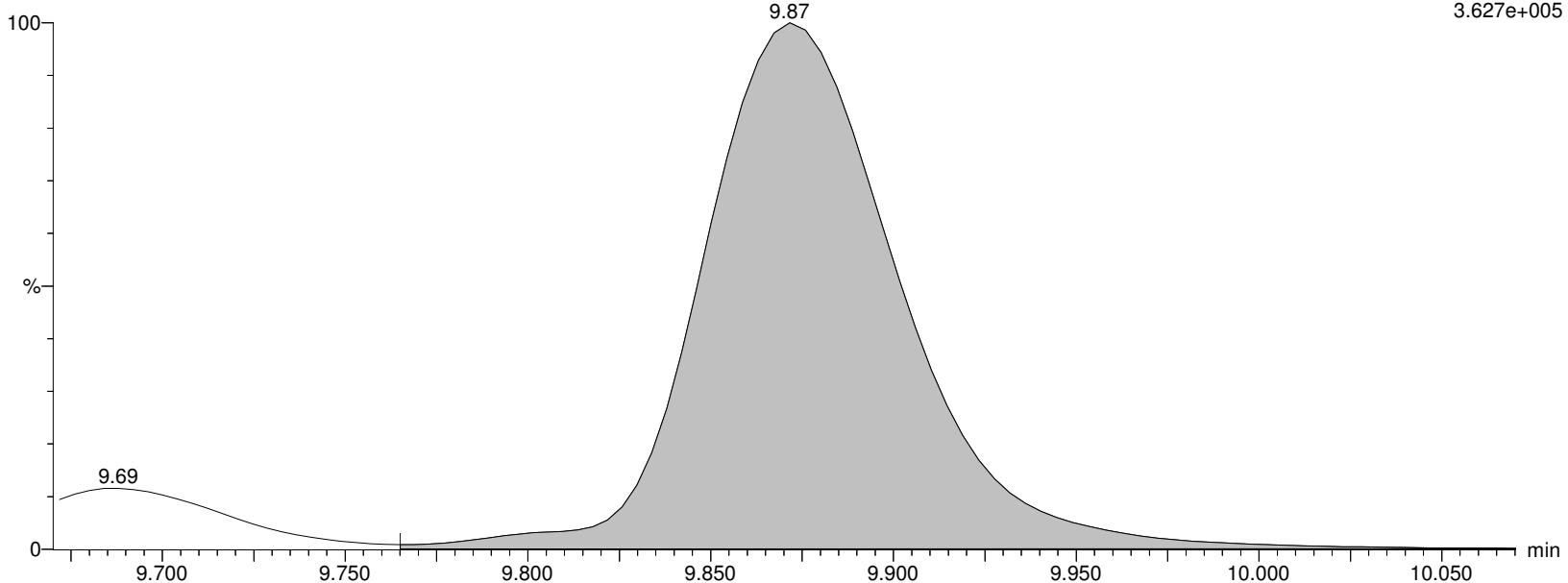
I2269 Smooth(Mn,3x2)

WG1206794 IA2-537STD050

F29:MRM of 2 channels,ES-

498.989 > 99.27

3.627e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOS

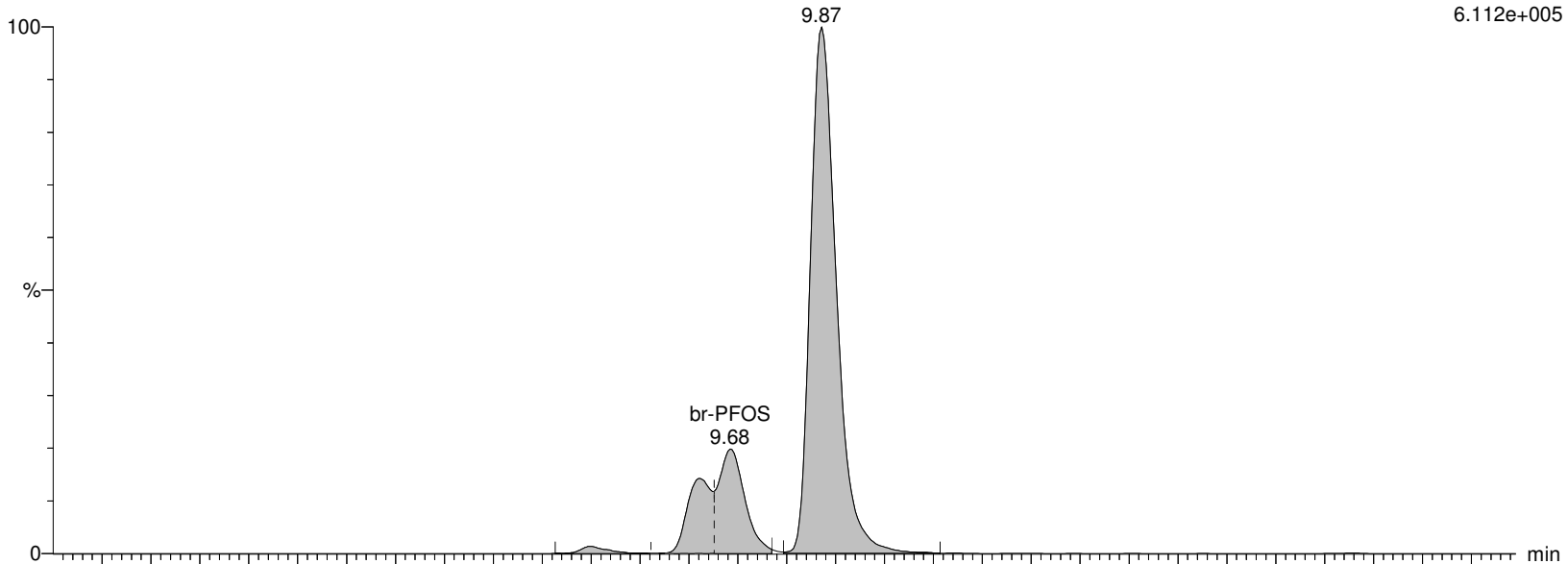
I2269 Smooth(Mn,3x2)

WG1206794 IA2-537STD050

F29:MRM of 2 channels,ES-

498.989 > 80.294

6.112e+005



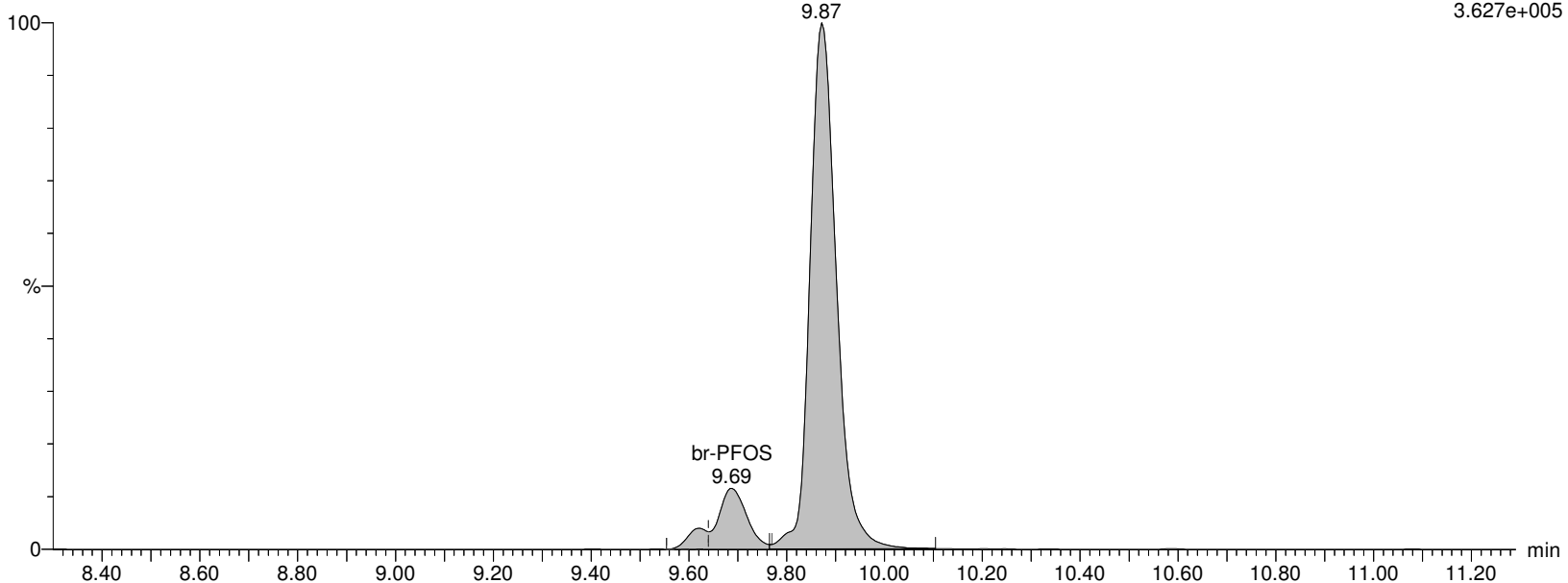
I2269 Smooth(Mn,3x2)

WG1206794 IA2-537STD050

F29:MRM of 2 channels,ES-

498.989 > 99.27

3.627e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFOS

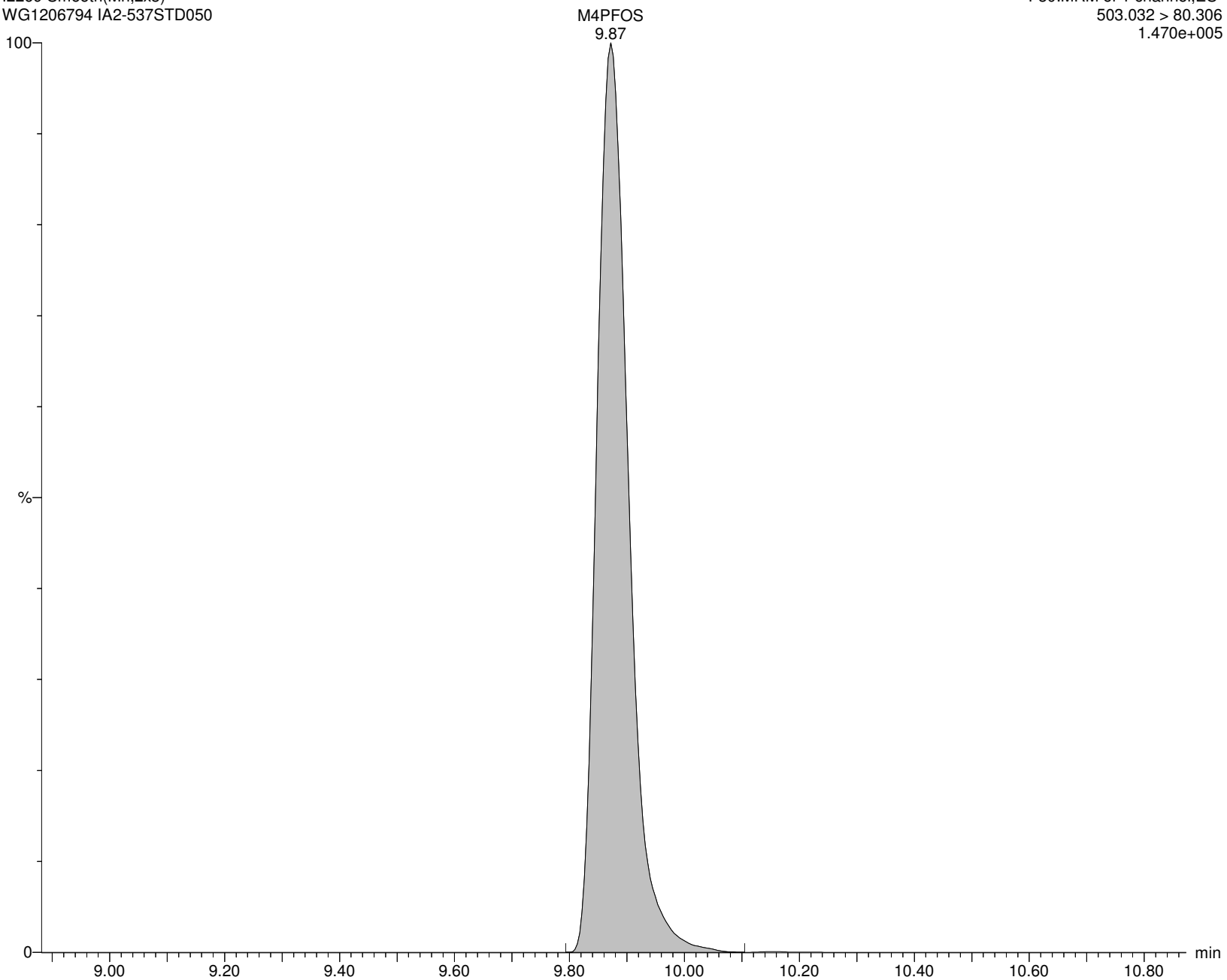
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F30:MRM of 1 channel,ES-

503.032 > 80.306

1.470e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOS

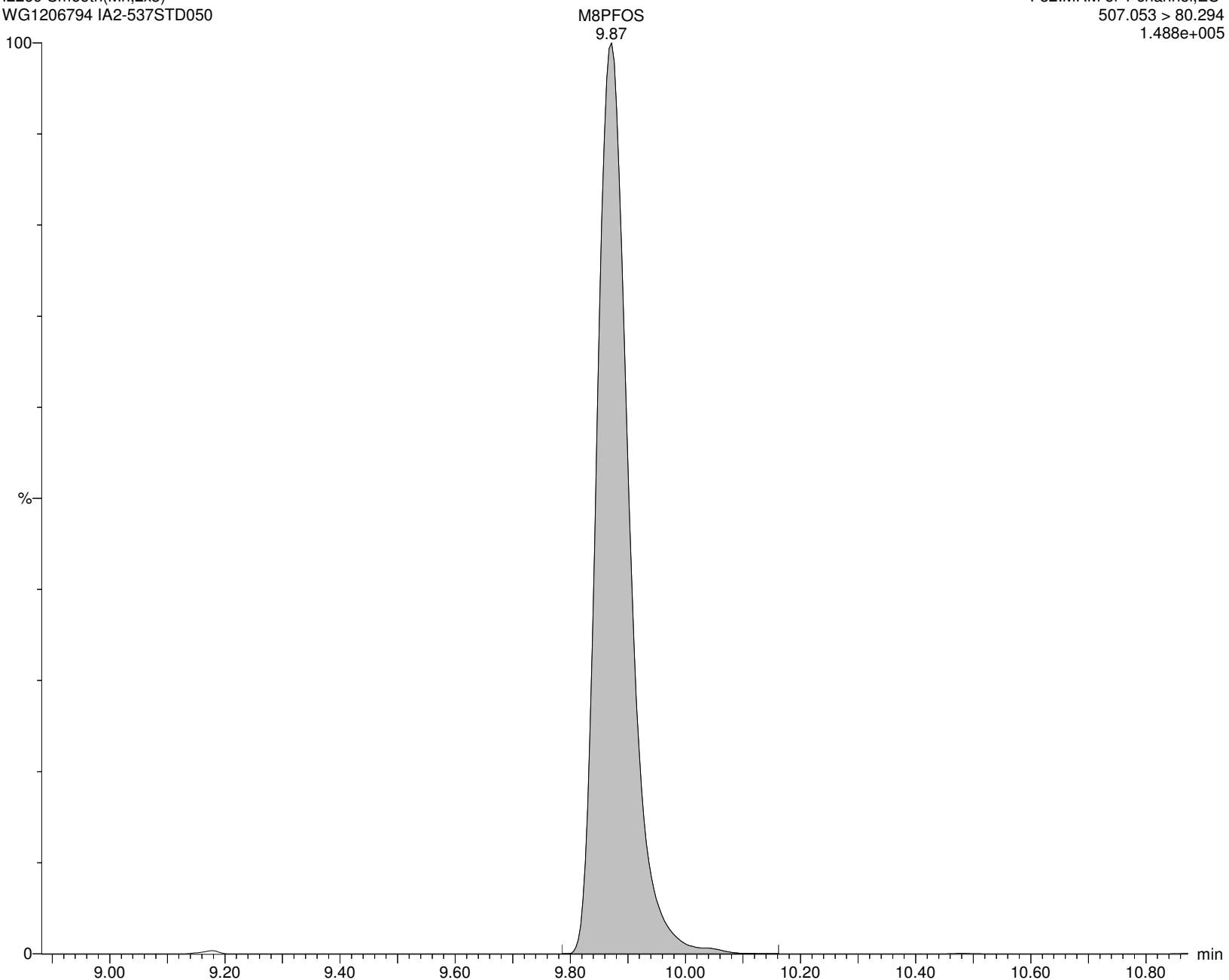
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F32:MRM of 1 channel,ES-

507.053 > 80.294

1.488e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDA

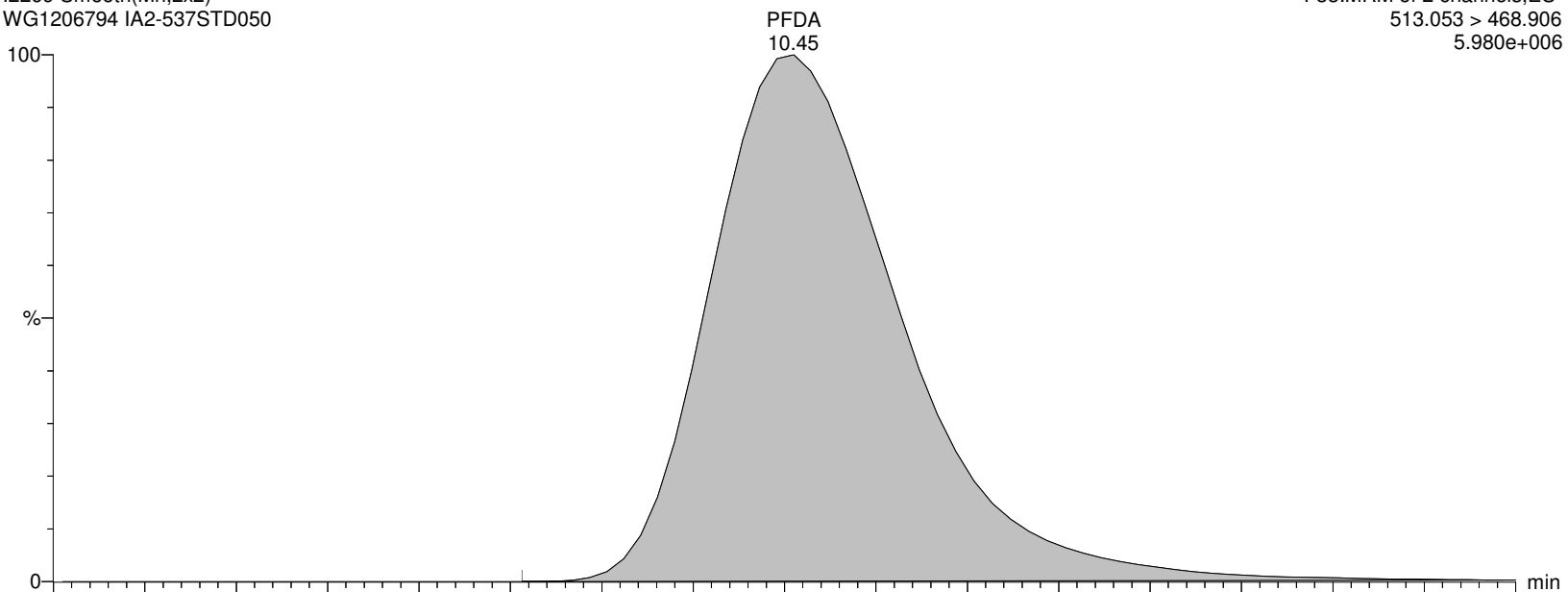
I2269 Smooth(Mn,2x2)

WG1206794 IA2-537STD050

F33:MRM of 2 channels,ES-

513.053 > 468.906

5.980e+006



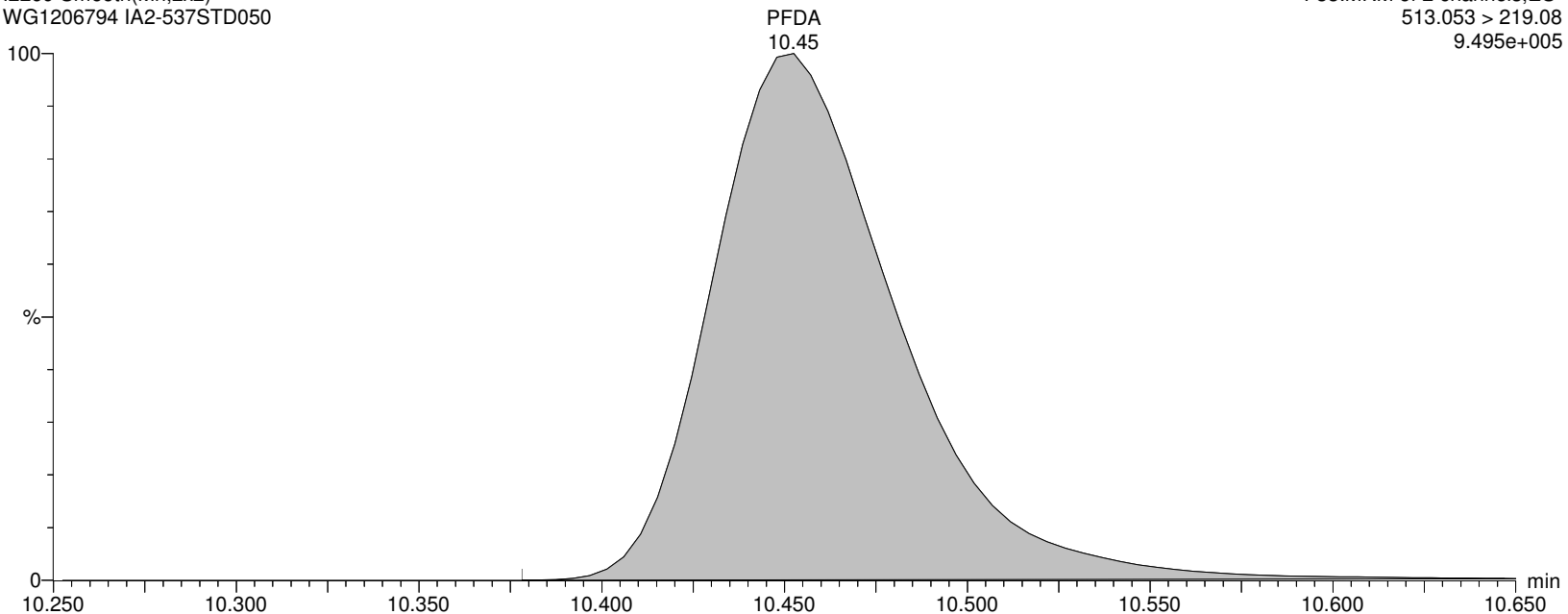
I2269 Smooth(Mn,2x2)

WG1206794 IA2-537STD050

F33:MRM of 2 channels,ES-

513.053 > 219.08

9.495e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFDA

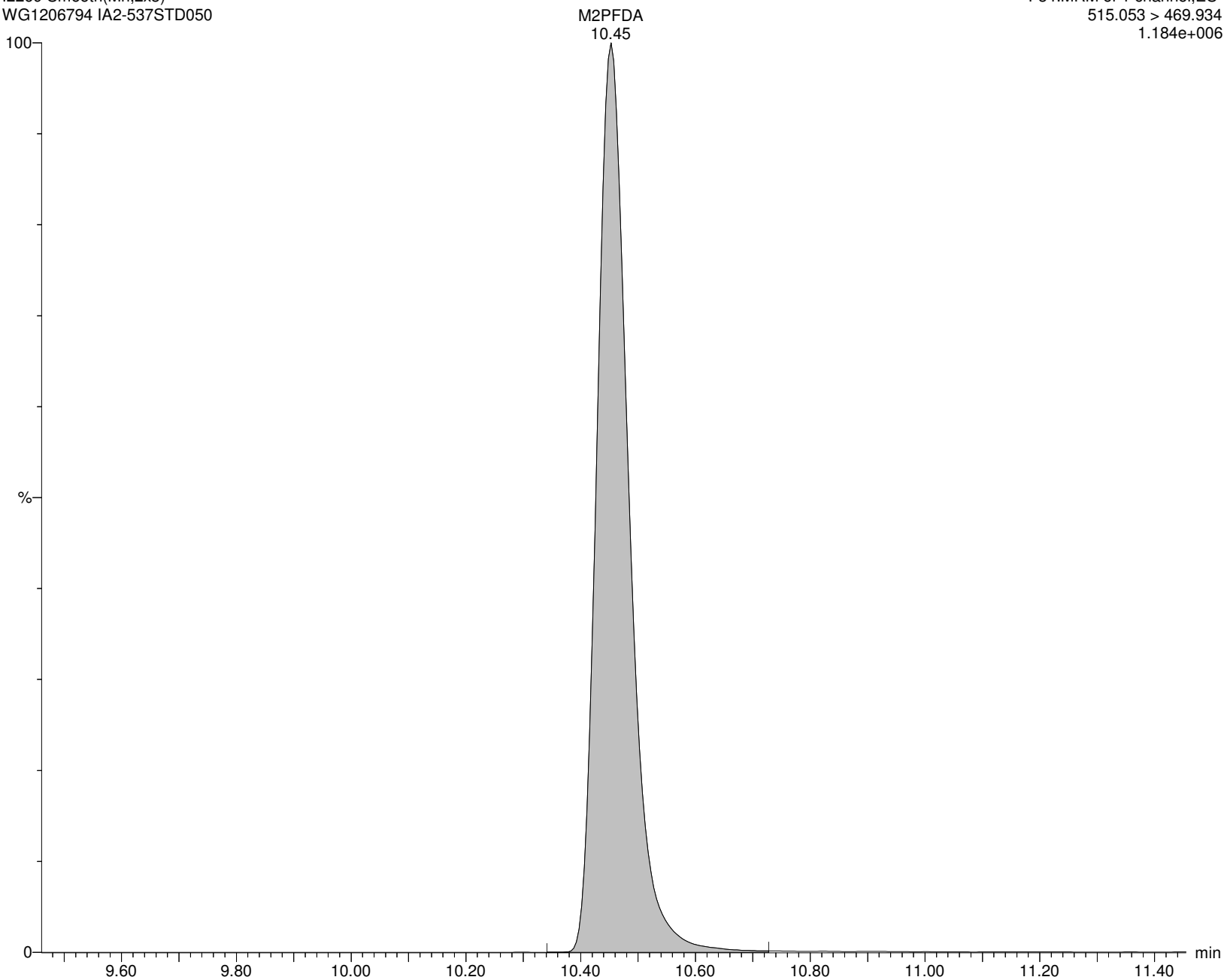
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F34:MRM of 1 channel,ES-

515.053 > 469.934

1.184e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M6PFDA

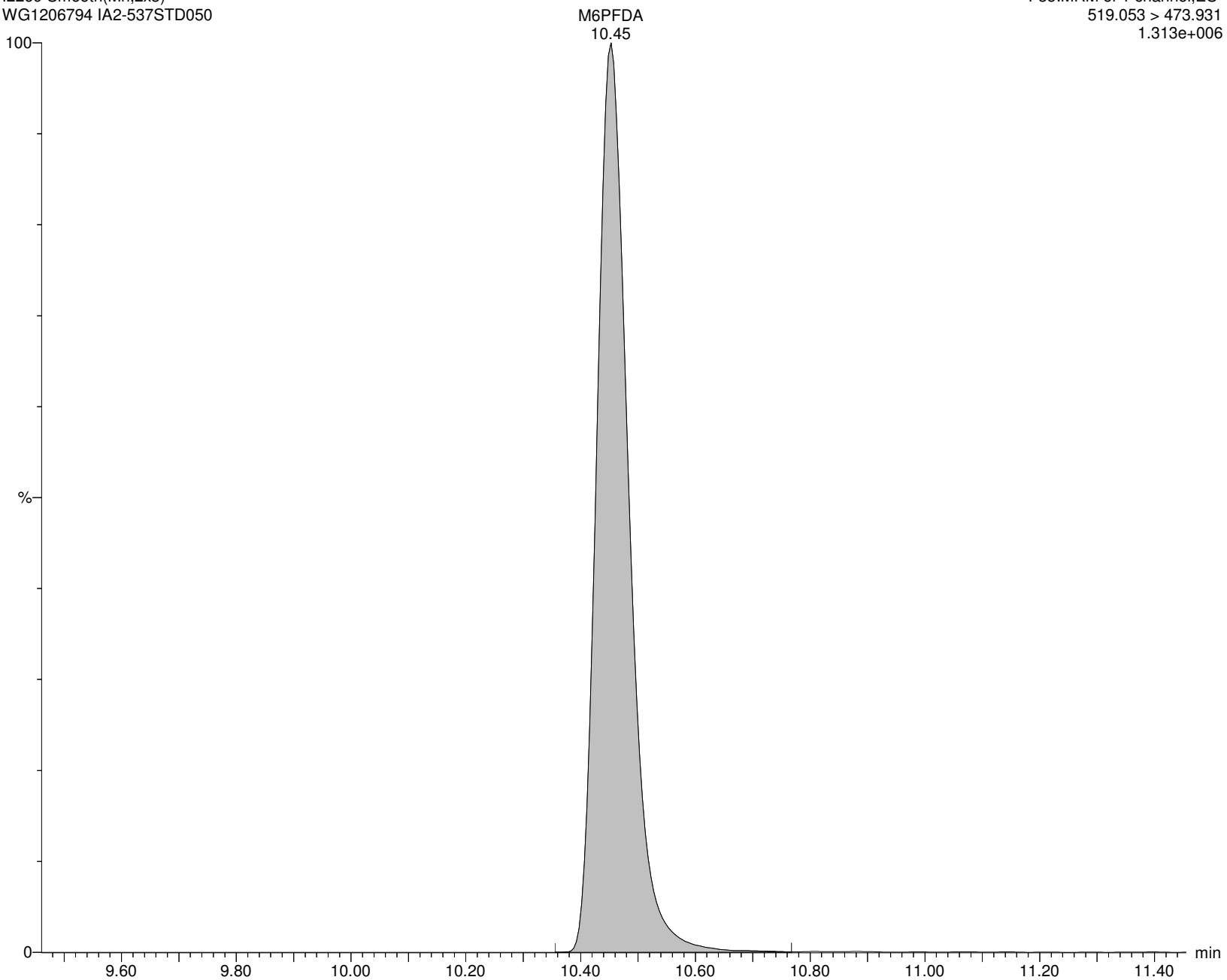
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F35:MRM of 1 channel,ES-

519.053 > 473.931

1.313e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

8:2FTS

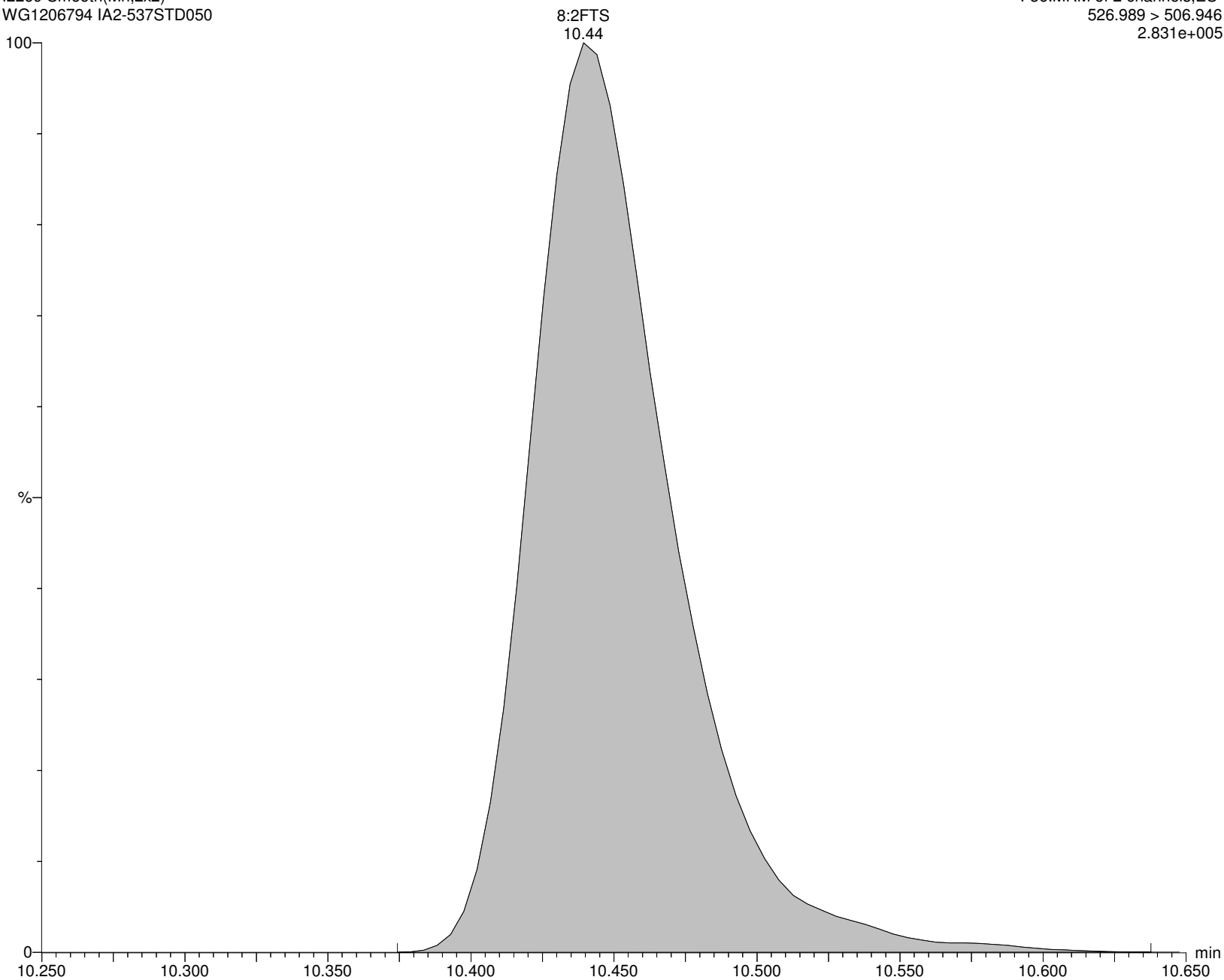
I2269 Smooth(Mn,2x2)

WG1206794 IA2-537STD050

F36:MRM of 2 channels,ES-

526.989 > 506.946

2.831e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-8:2FTS

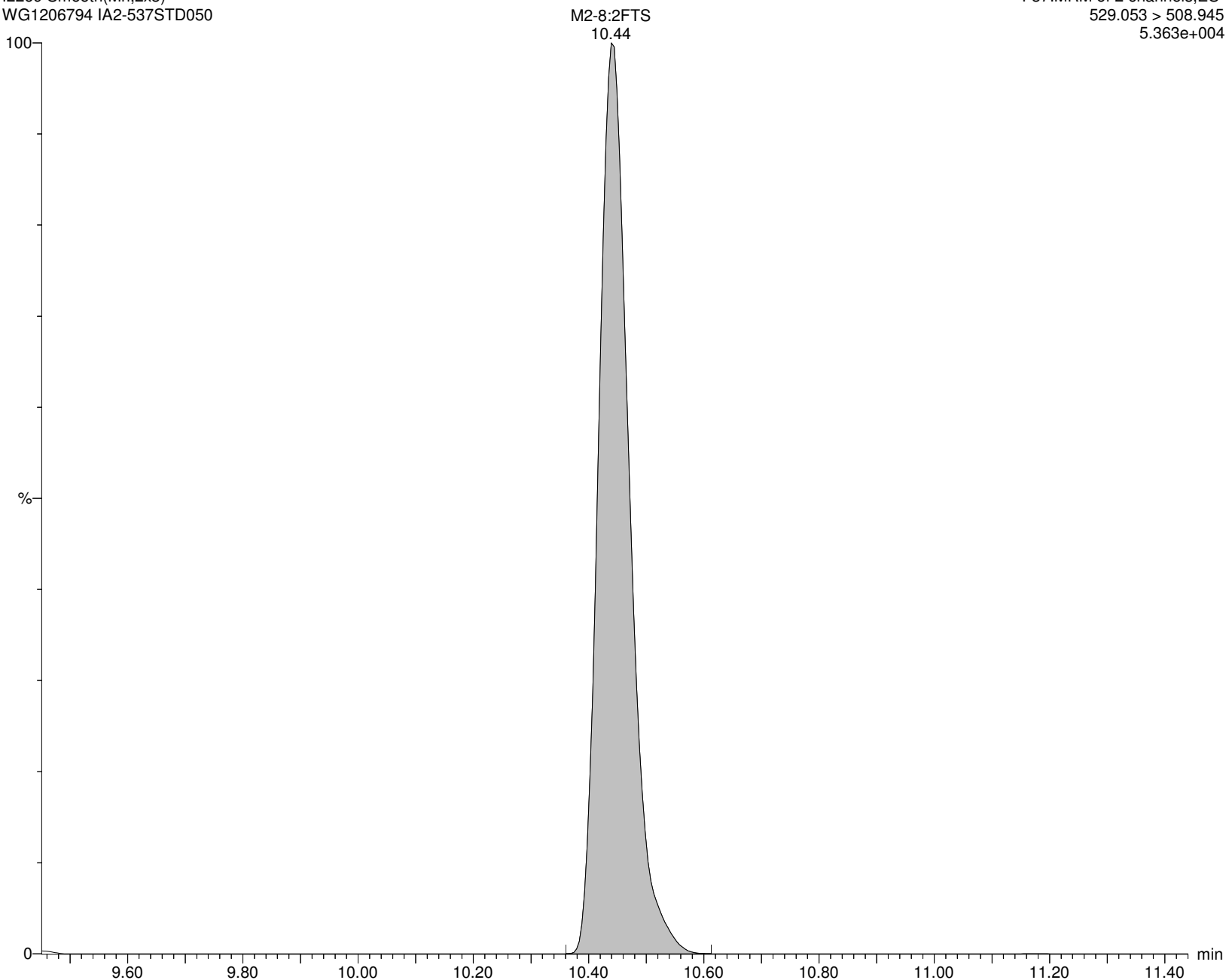
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F37:MRM of 2 channels,ES-

529.053 > 508.945

5.363e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNS

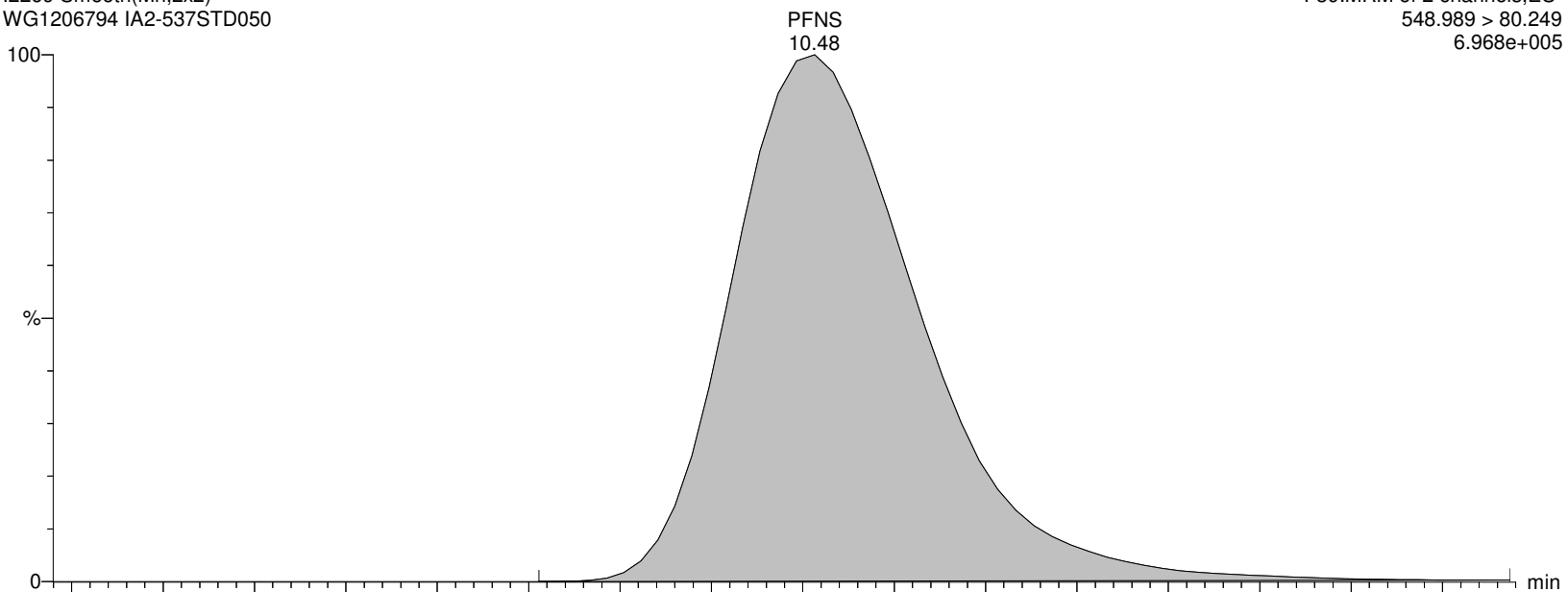
I2269 Smooth(Mn,2x2)

WG1206794 IA2-537STD050

F39:MRM of 2 channels,ES-

548.989 > 80.249

6.968e+005



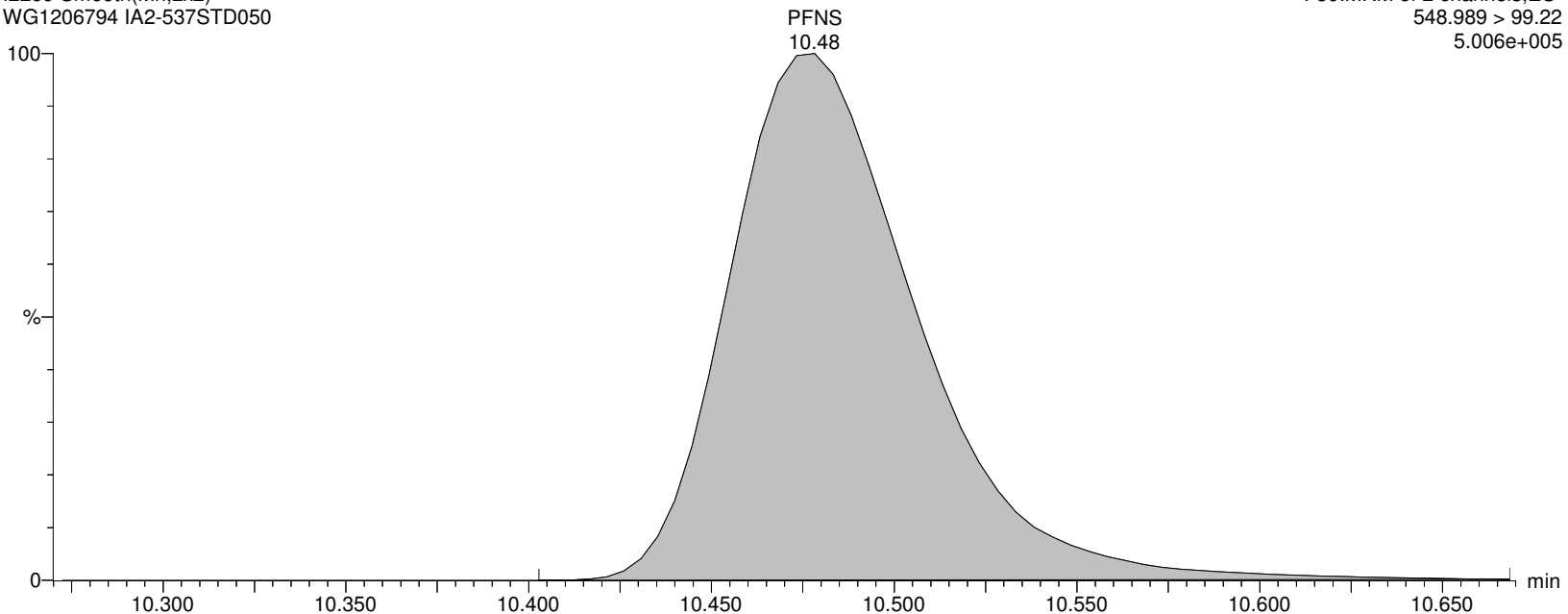
I2269 Smooth(Mn,2x2)

WG1206794 IA2-537STD050

F39:MRM of 2 channels,ES-

548.989 > 99.22

5.006e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d3-NMeFOSAA

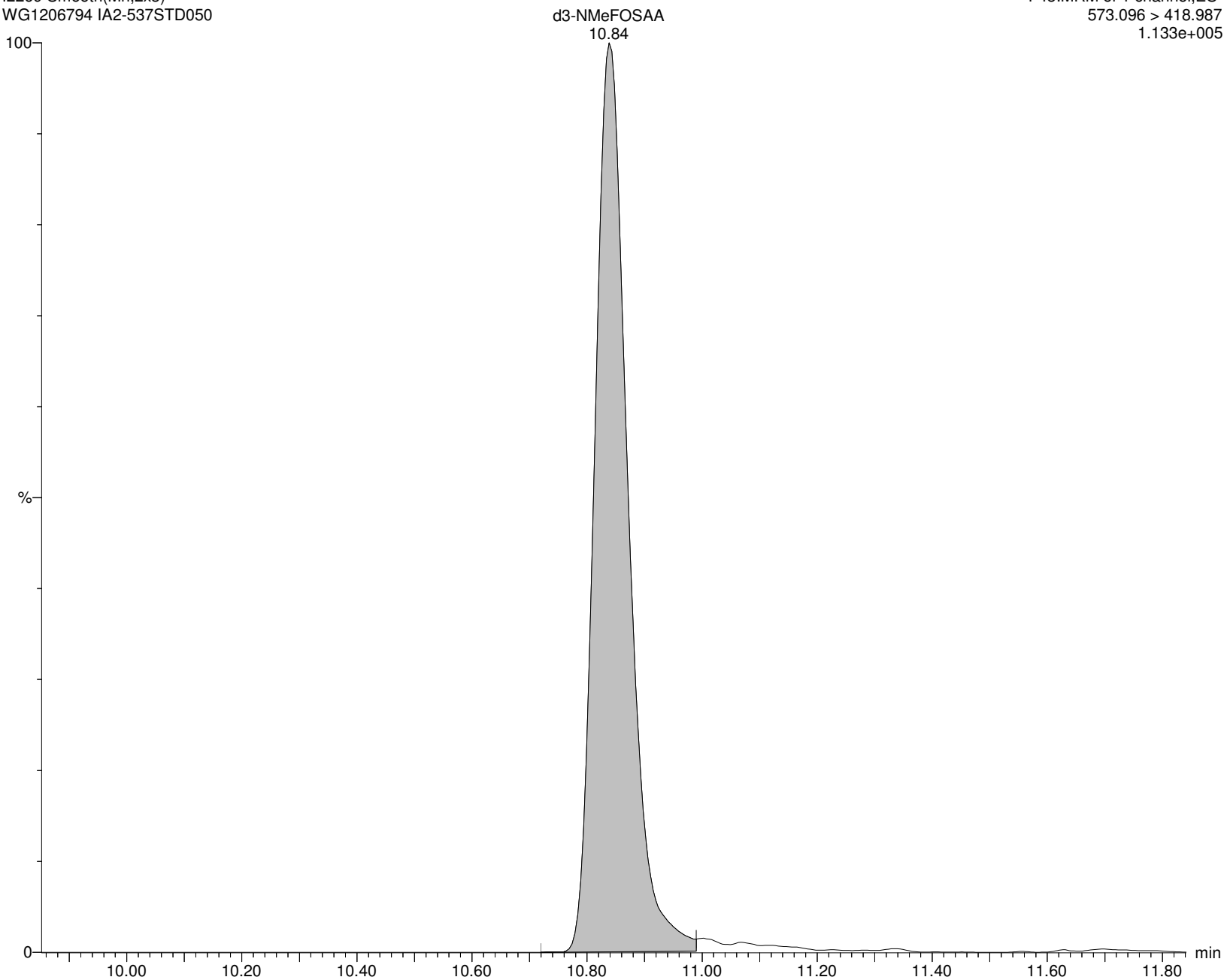
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F43:MRM of 1 channel,ES-

573.096 > 418.987

1.133e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NMeFOSAA

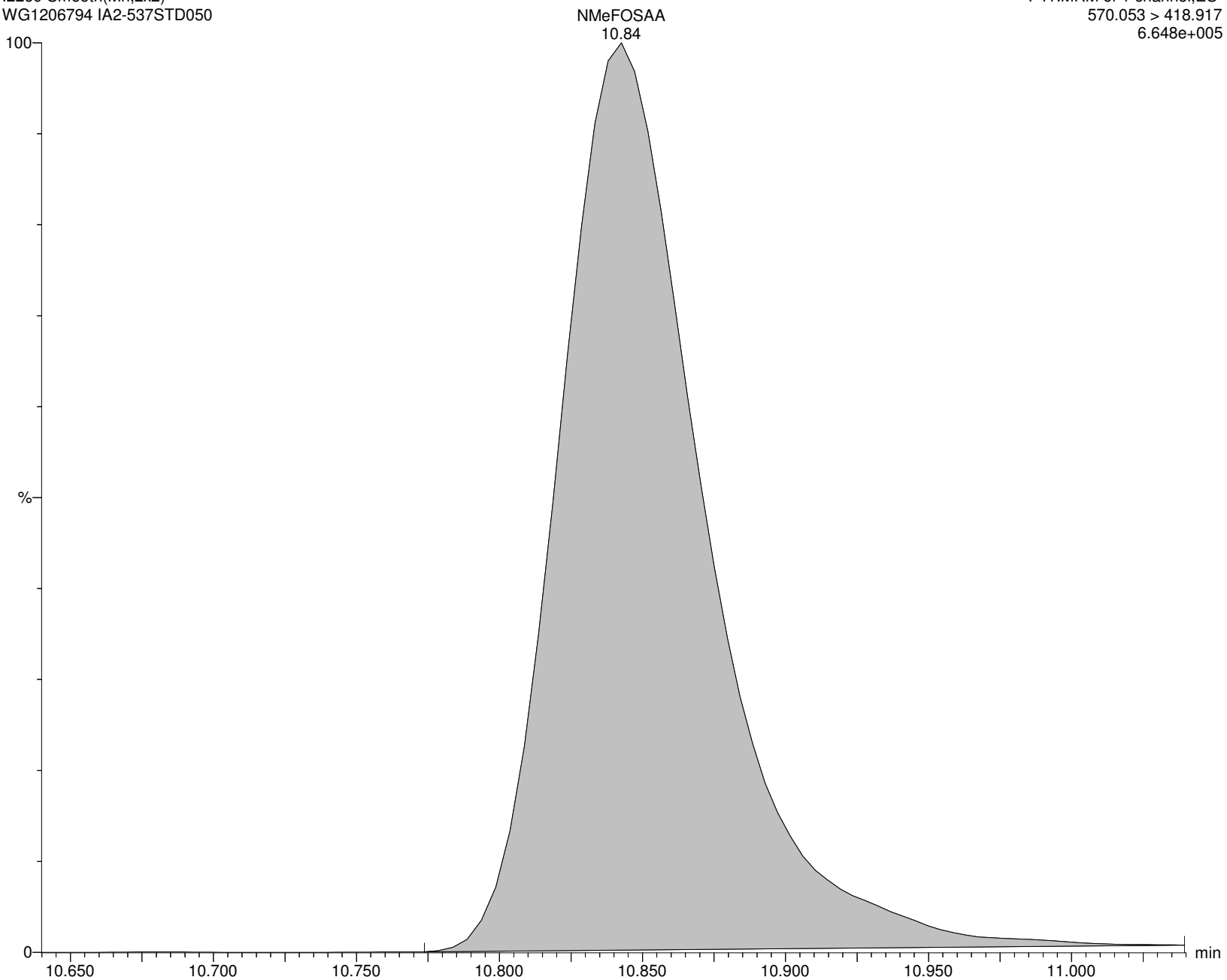
I2269 Smooth(Mn,2x2)

WG1206794 IA2-537STD050

F41:MRM of 1 channel,ES-

570.053 > 418.917

6.648e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFUnA

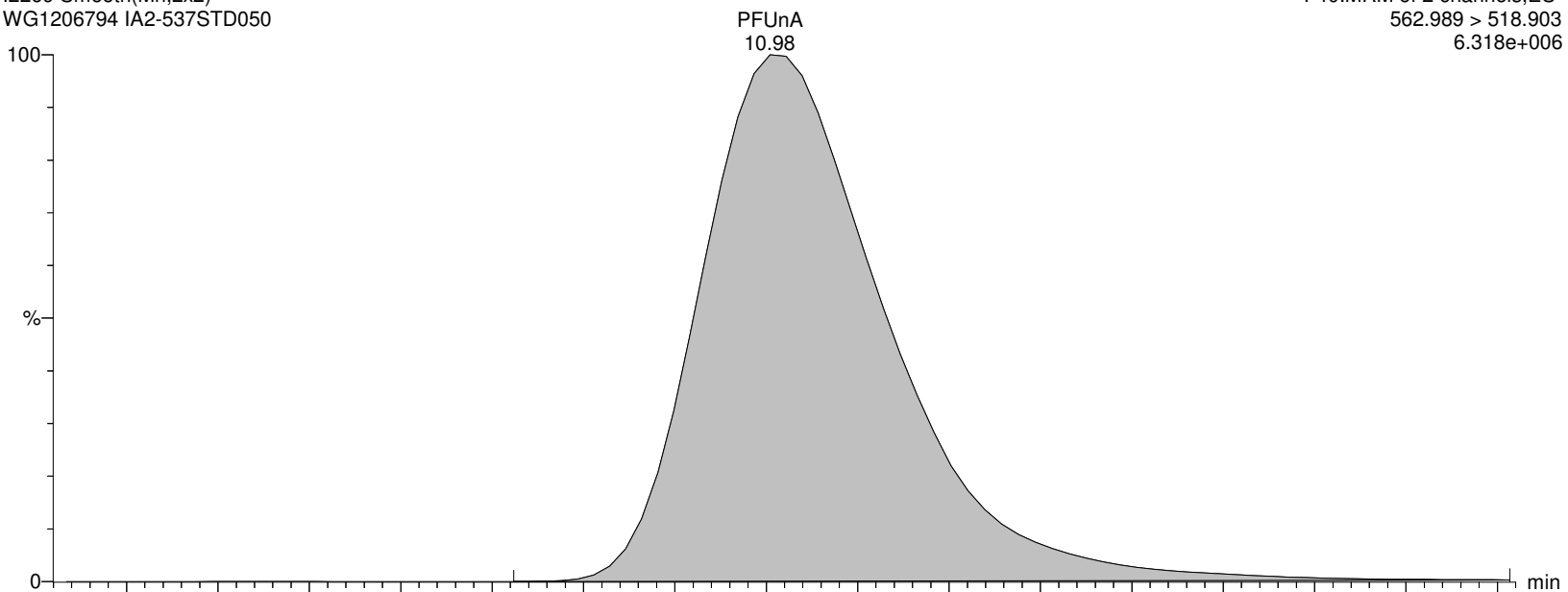
I2269 Smooth(Mn,2x2)

WG1206794 IA2-537STD050

F40:MRM of 2 channels,ES-

562.989 > 518.903

6.318e+006



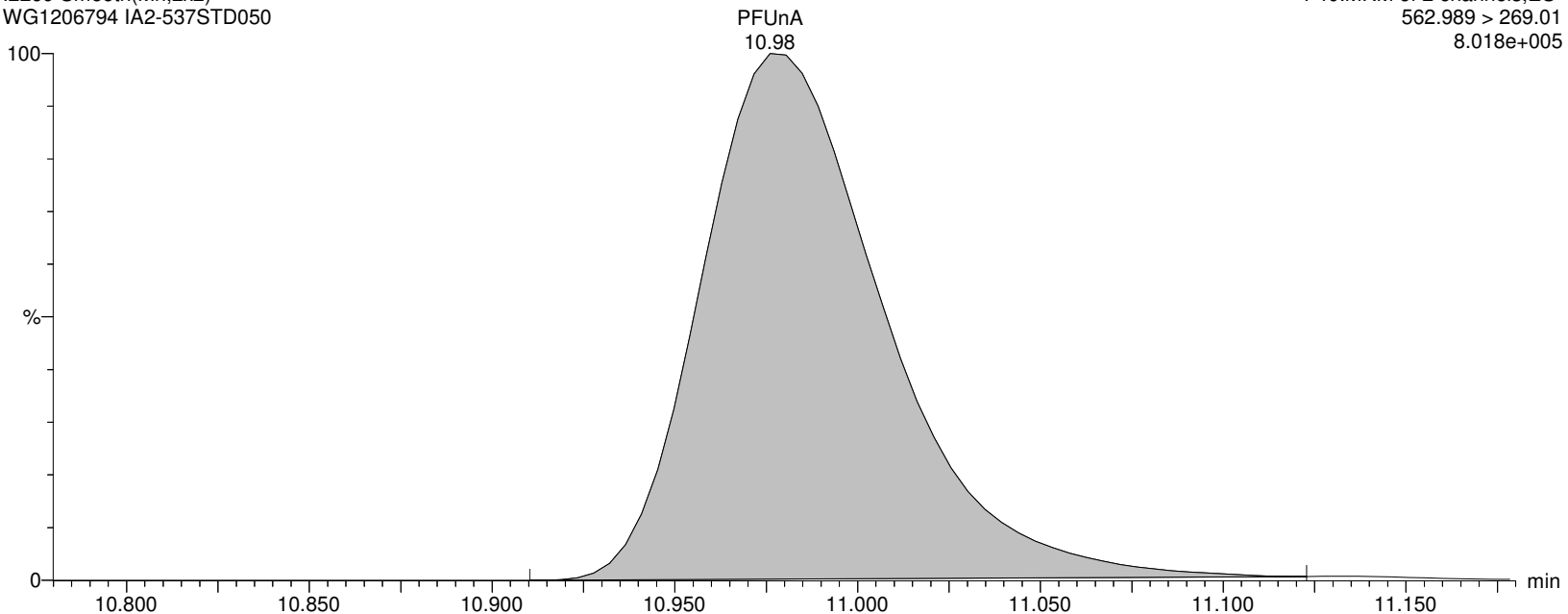
I2269 Smooth(Mn,2x2)

WG1206794 IA2-537STD050

F40:MRM of 2 channels,ES-

562.989 > 269.01

8.018e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M7-PFUDA

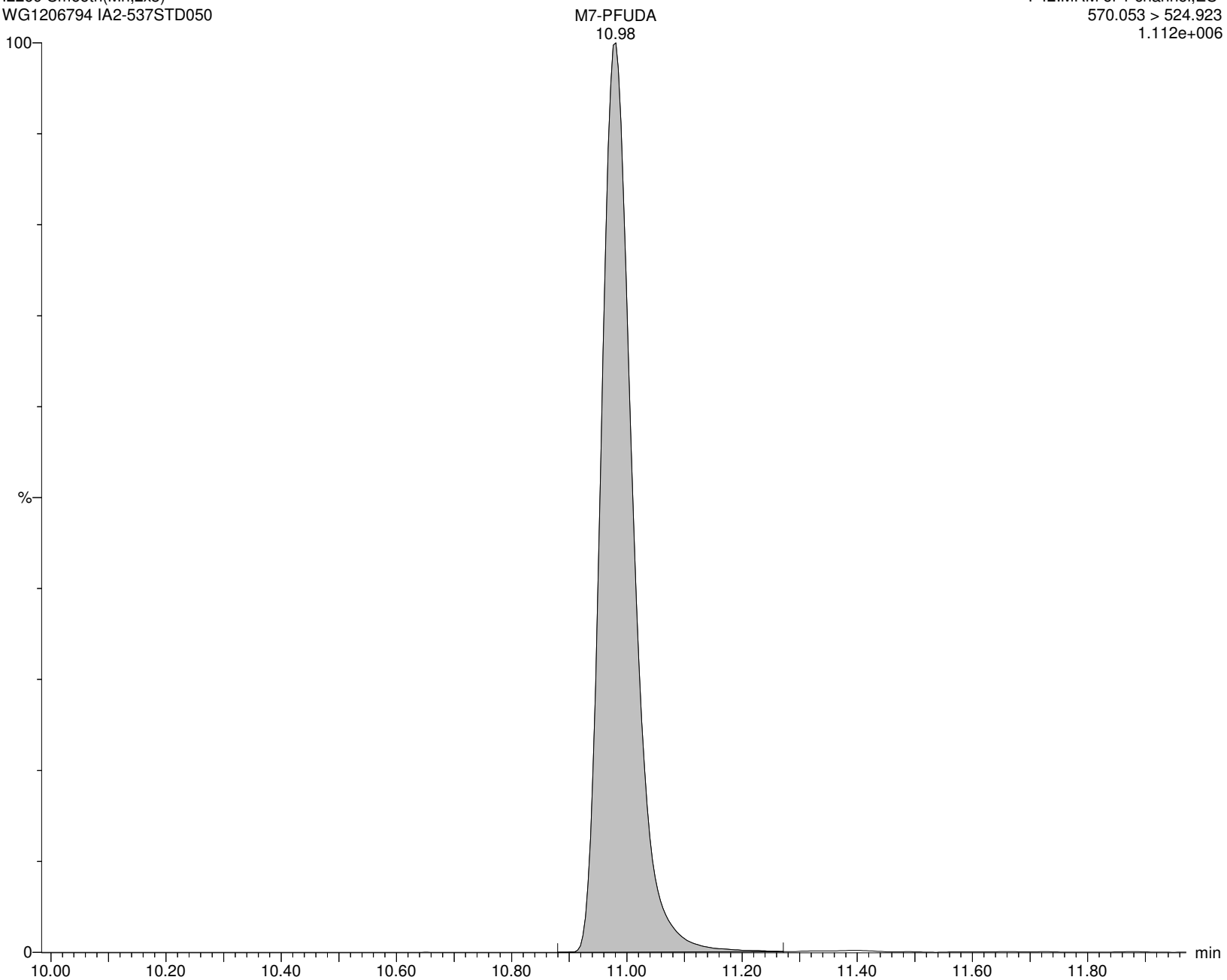
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F42:MRM of 1 channel,ES-

570.053 > 524.923

1.112e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDS

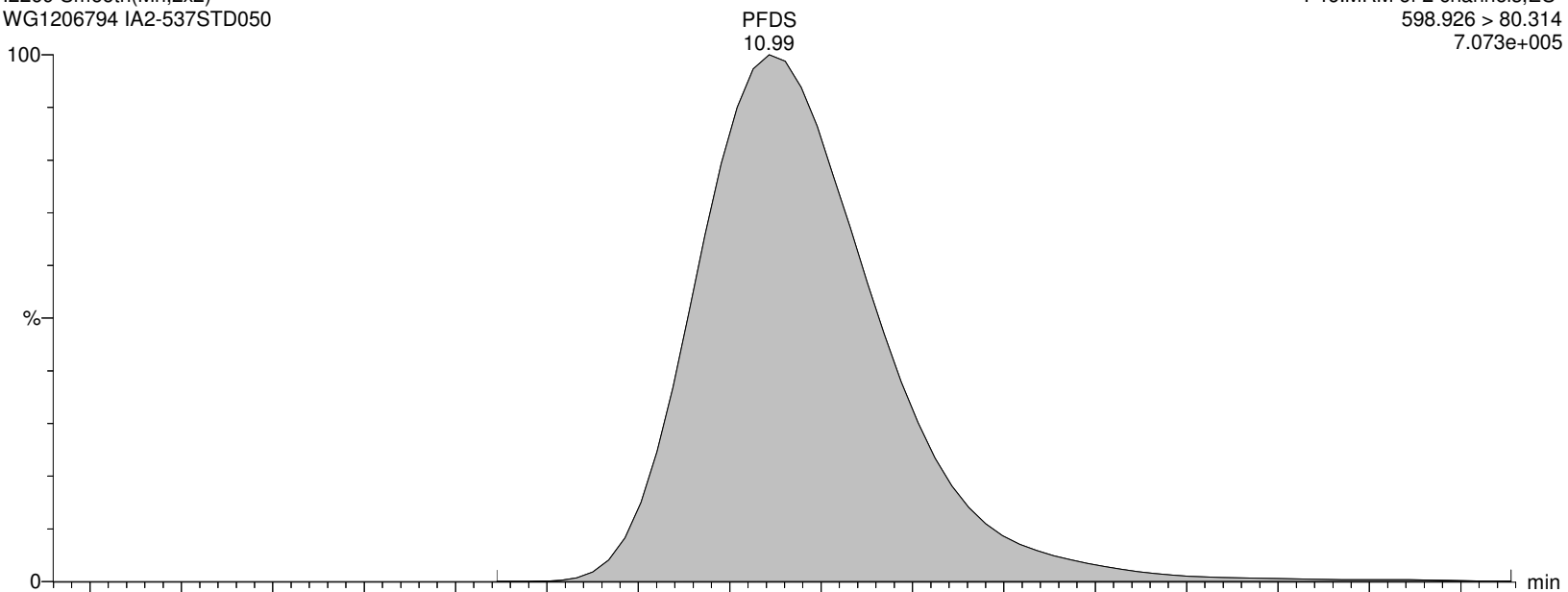
I2269 Smooth(Mn,2x2)

WG1206794 IA2-537STD050

F46:MRM of 2 channels,ES-

598.926 > 80.314

7.073e+005



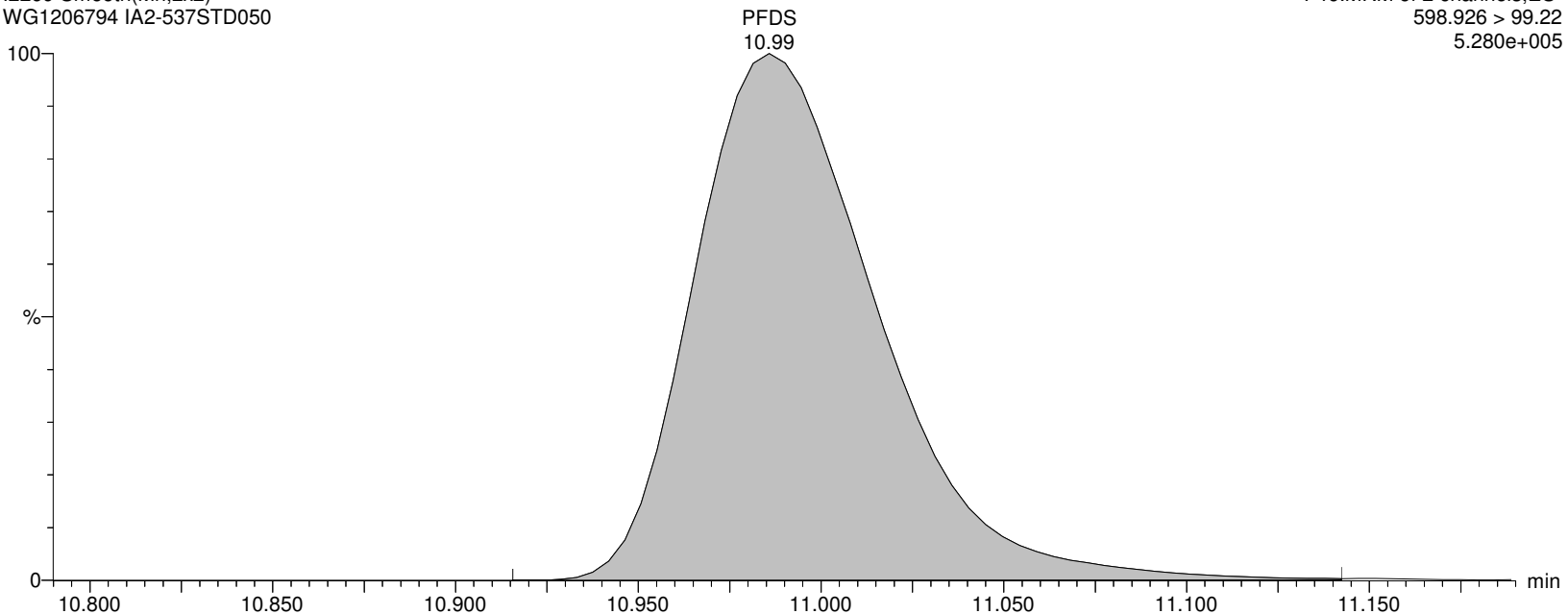
I2269 Smooth(Mn,2x2)

WG1206794 IA2-537STD050

F46:MRM of 2 channels,ES-

598.926 > 99.22

5.280e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

FOSA

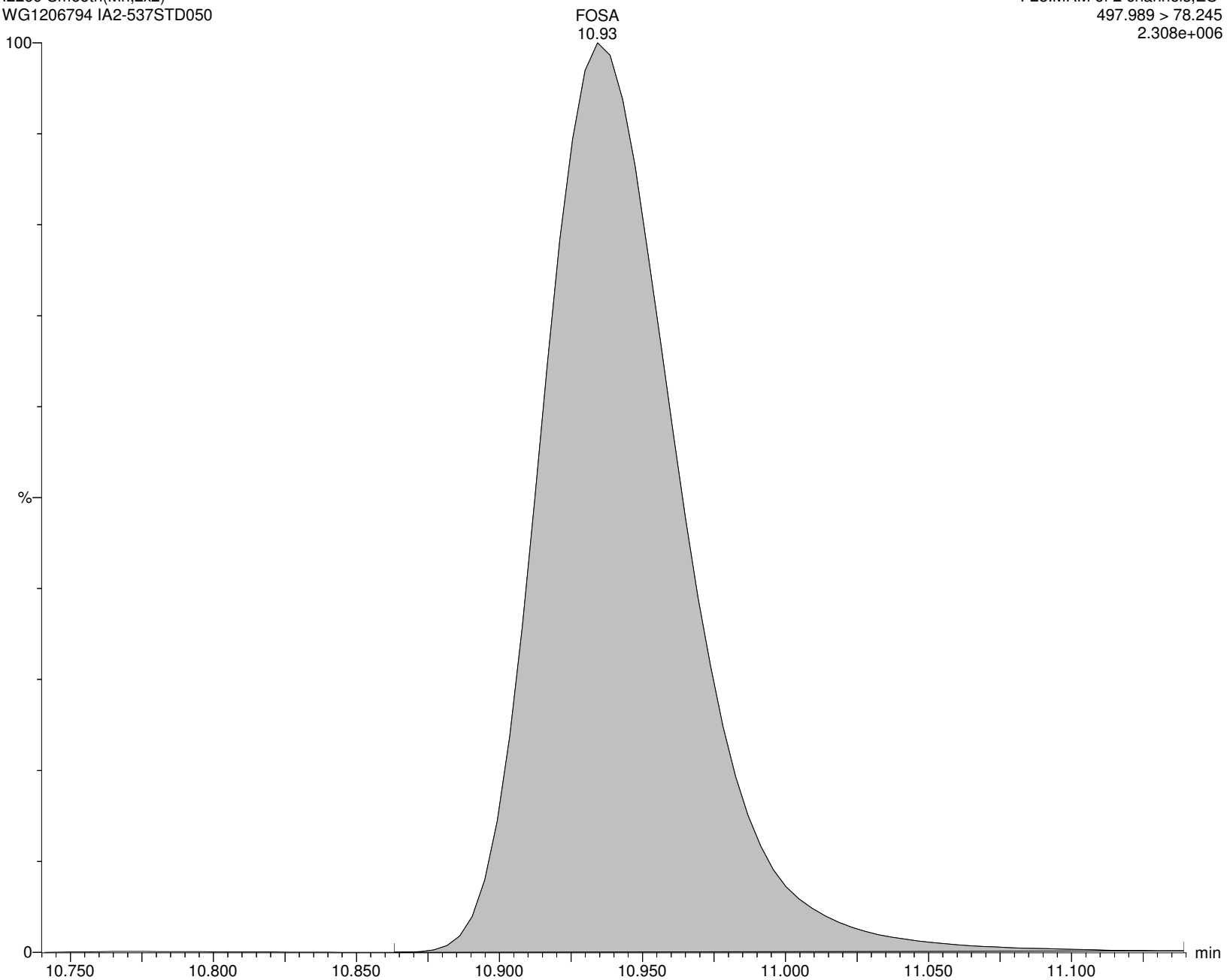
I2269 Smooth(Mn,2x2)

WG1206794 IA2-537STD050

F28:MRM of 2 channels,ES-

497.989 > 78.245

2.308e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8FOSA

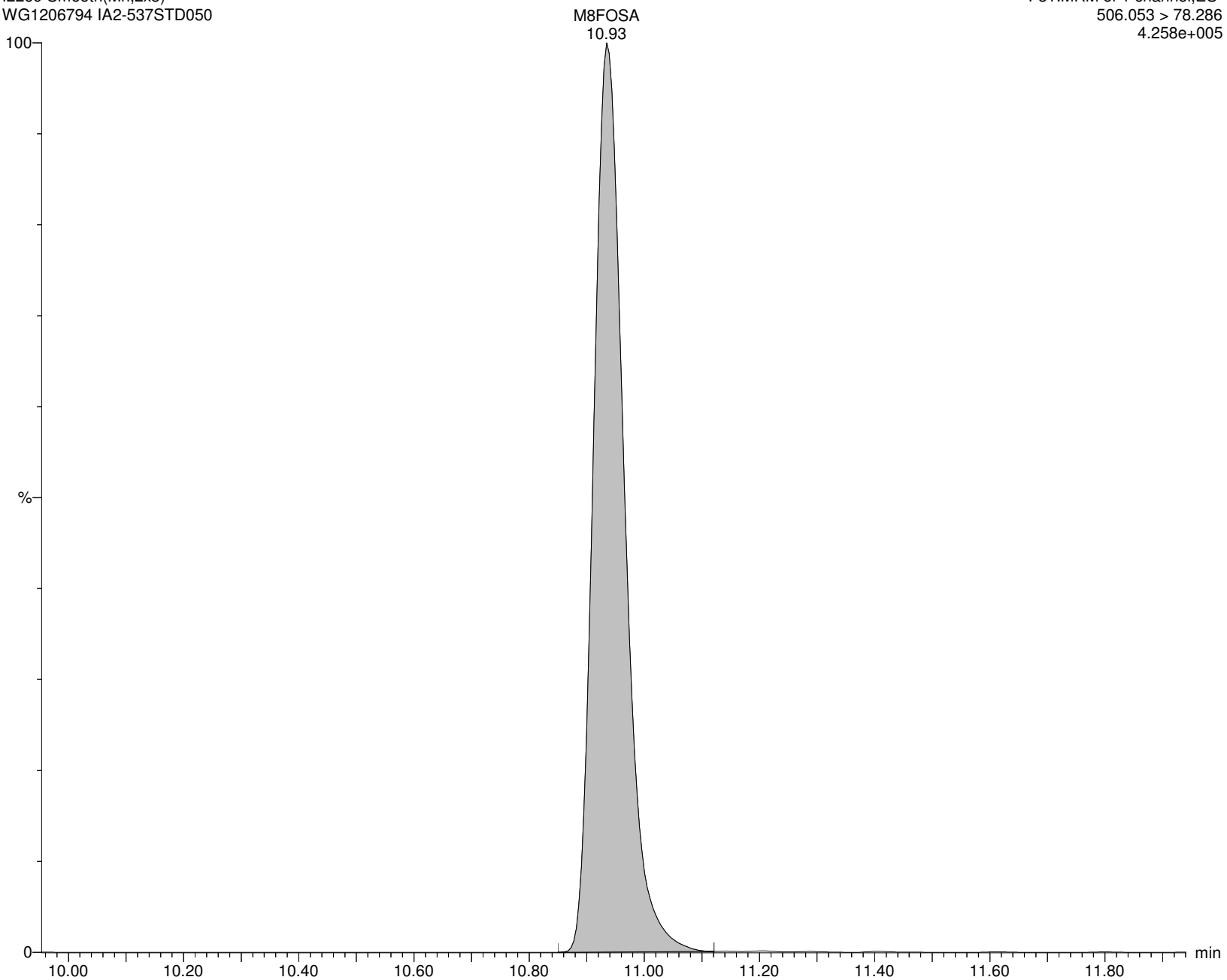
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F31:MRM of 1 channel,ES-

506.053 > 78.286

4.258e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d5-NEtFOSAA

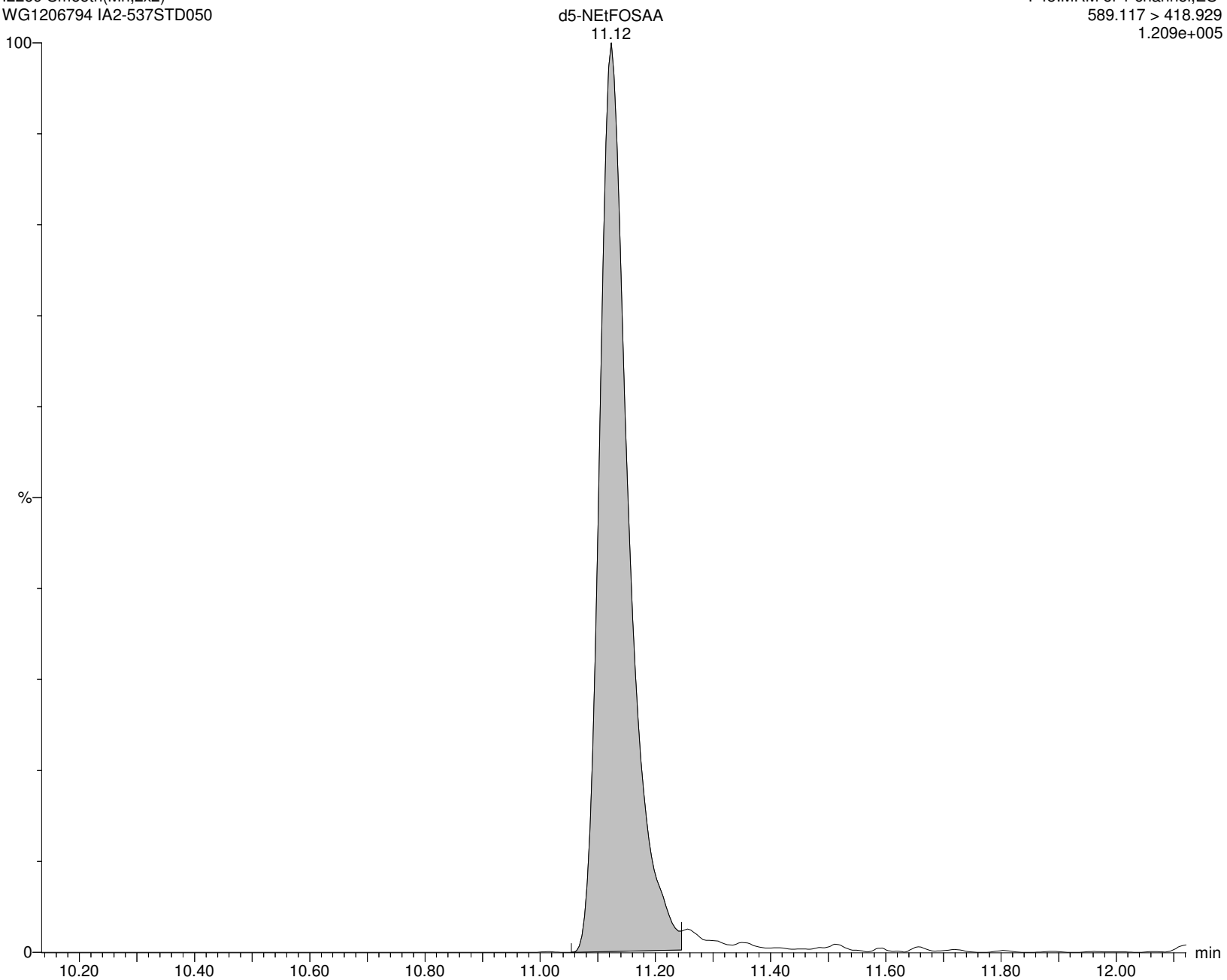
I2269 Smooth(Mn,2x2)

WG1206794 IA2-537STD050

F45:MRM of 1 channel,ES-

589.117 > 418.929

1.209e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NEtFOSAA

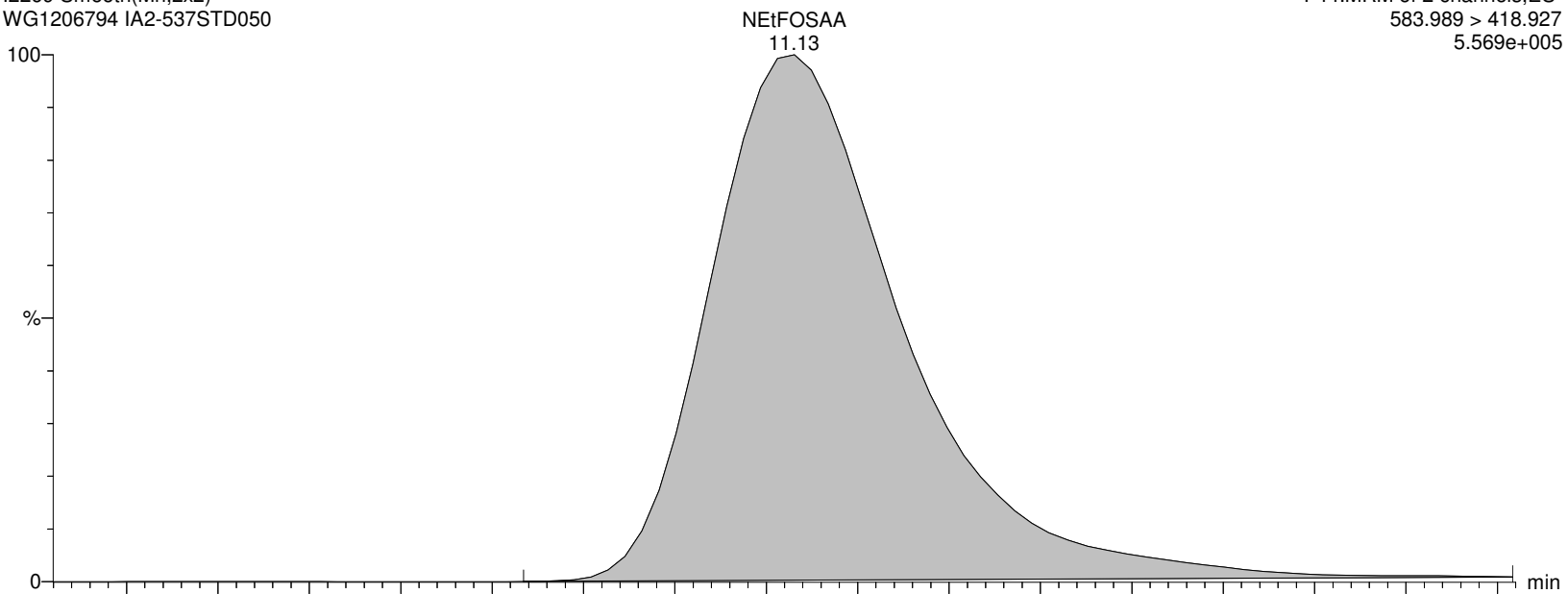
I2269 Smooth(Mn,2x2)

WG1206794 IA2-537STD050

F44:MRM of 2 channels,ES-

583.989 > 418.927

5.569e+005



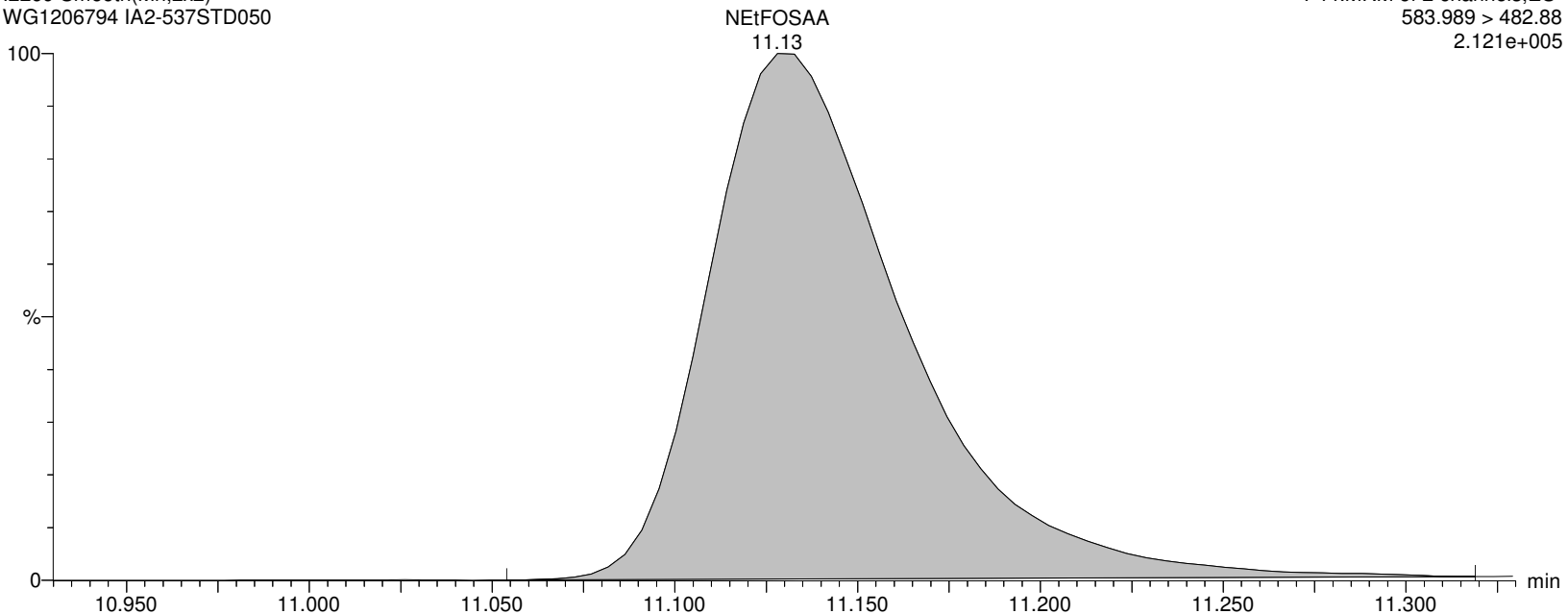
I2269 Smooth(Mn,2x2)

WG1206794 IA2-537STD050

F44:MRM of 2 channels,ES-

583.989 > 482.88

2.121e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

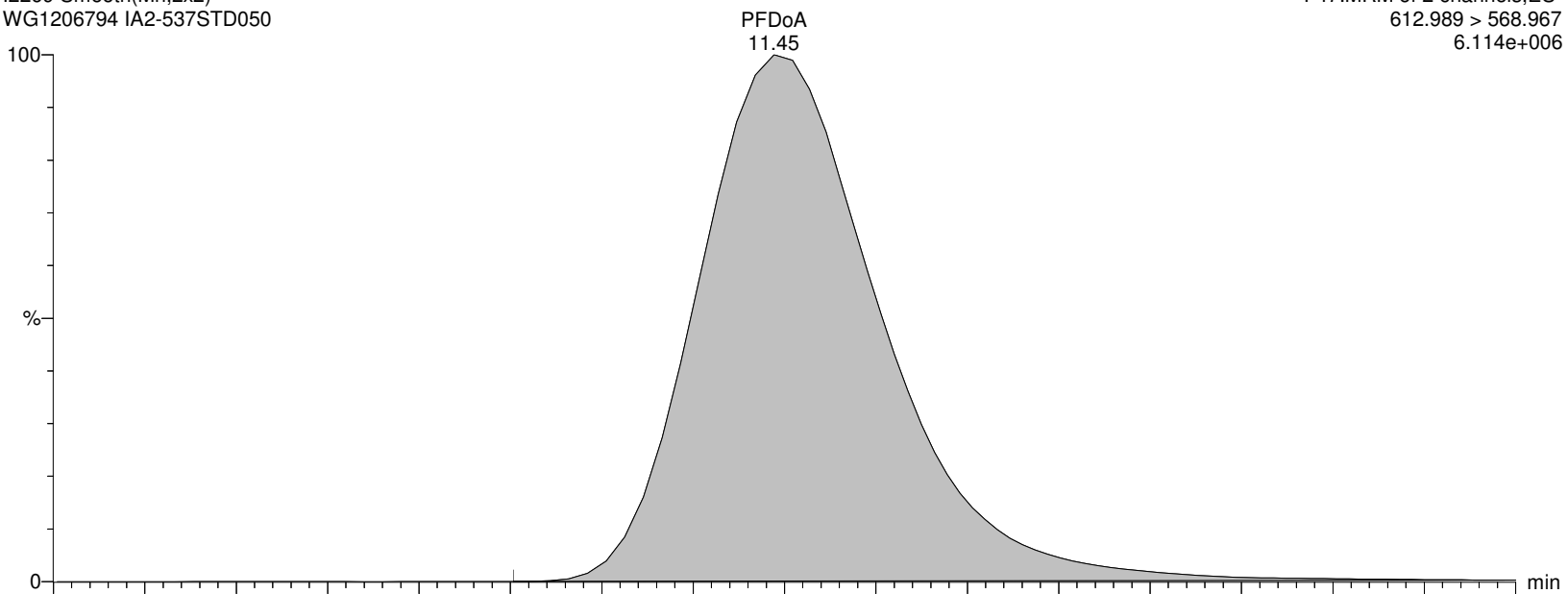
Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFD_oA

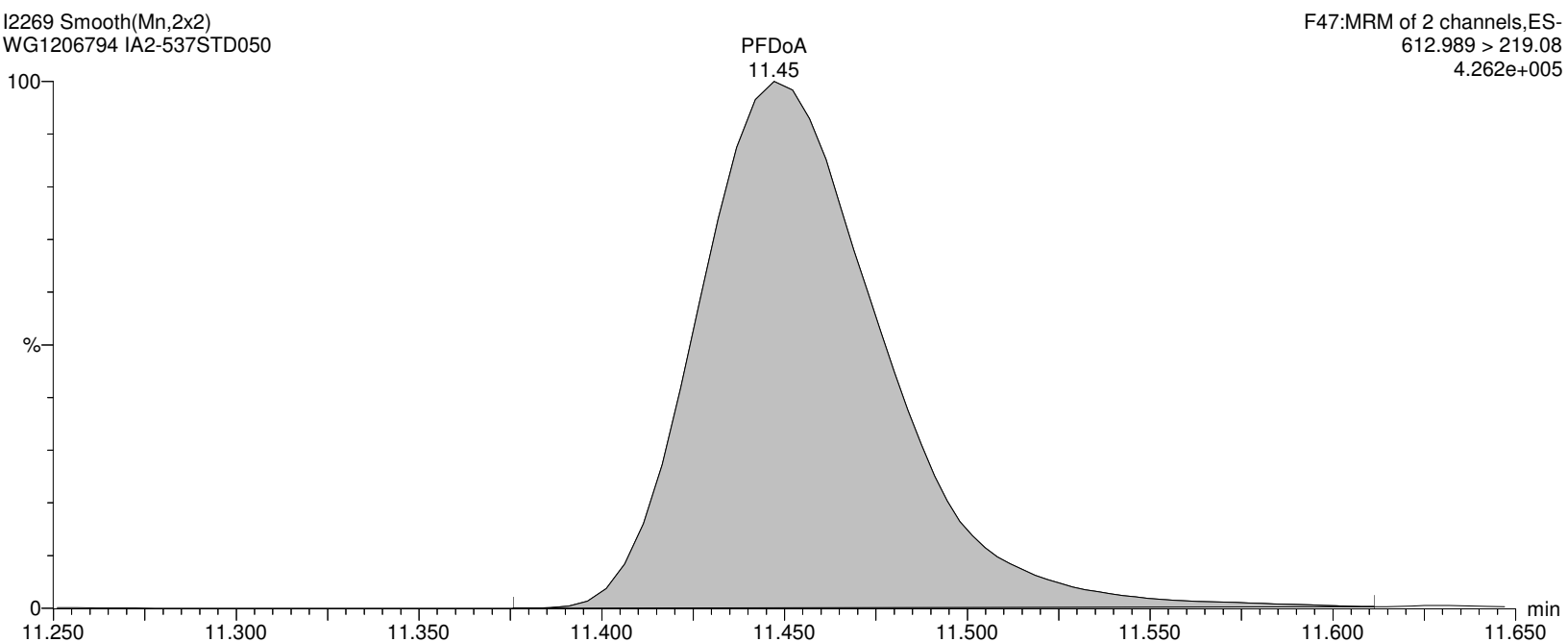
I2269 Smooth(Mn,2x2)

WG1206794 IA2-537STD050



I2269 Smooth(Mn,2x2)

WG1206794 IA2-537STD050



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFDOA

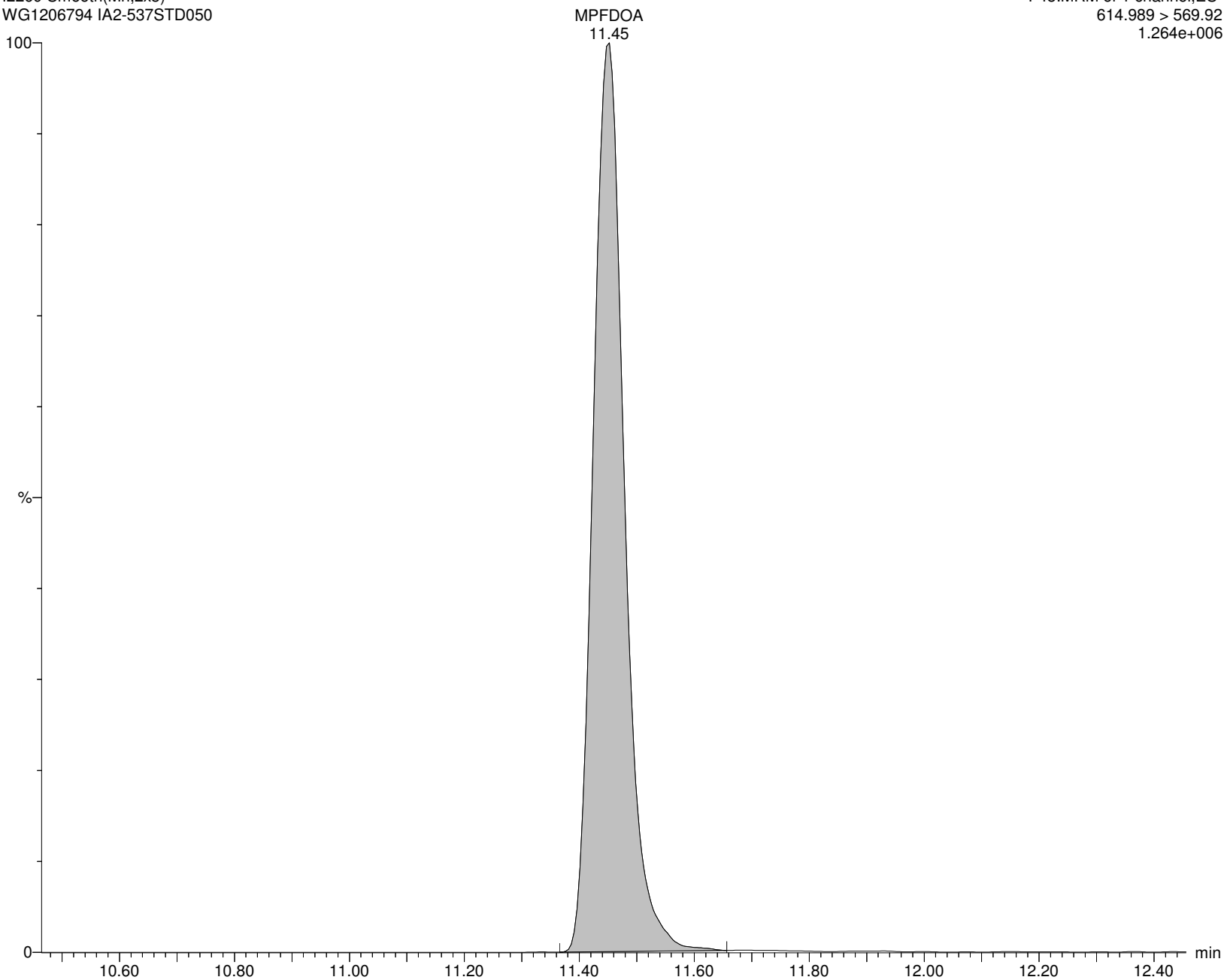
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F48:MRM of 1 channel,ES-

614.989 > 569.92

1.264e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTTrDA

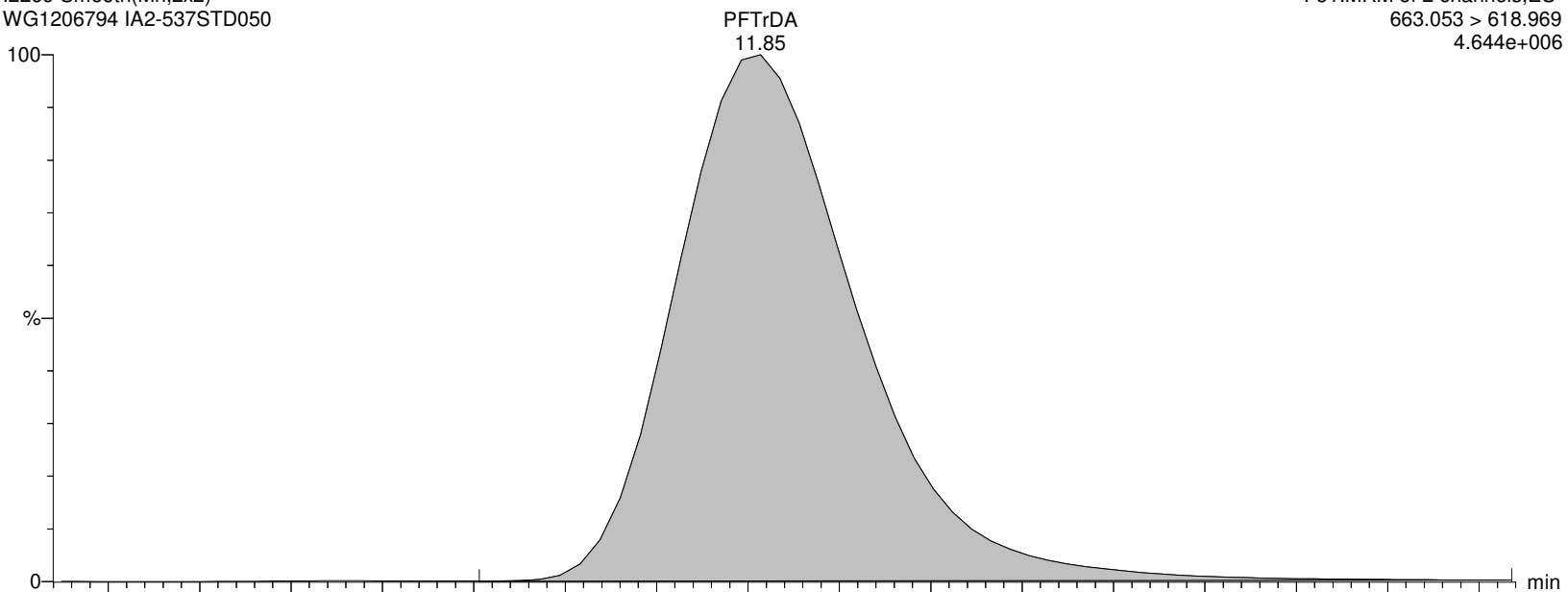
I2269 Smooth(Mn,2x2)

WG1206794 IA2-537STD050

F51:MRM of 2 channels,ES-

663.053 > 618.969

4.644e+006



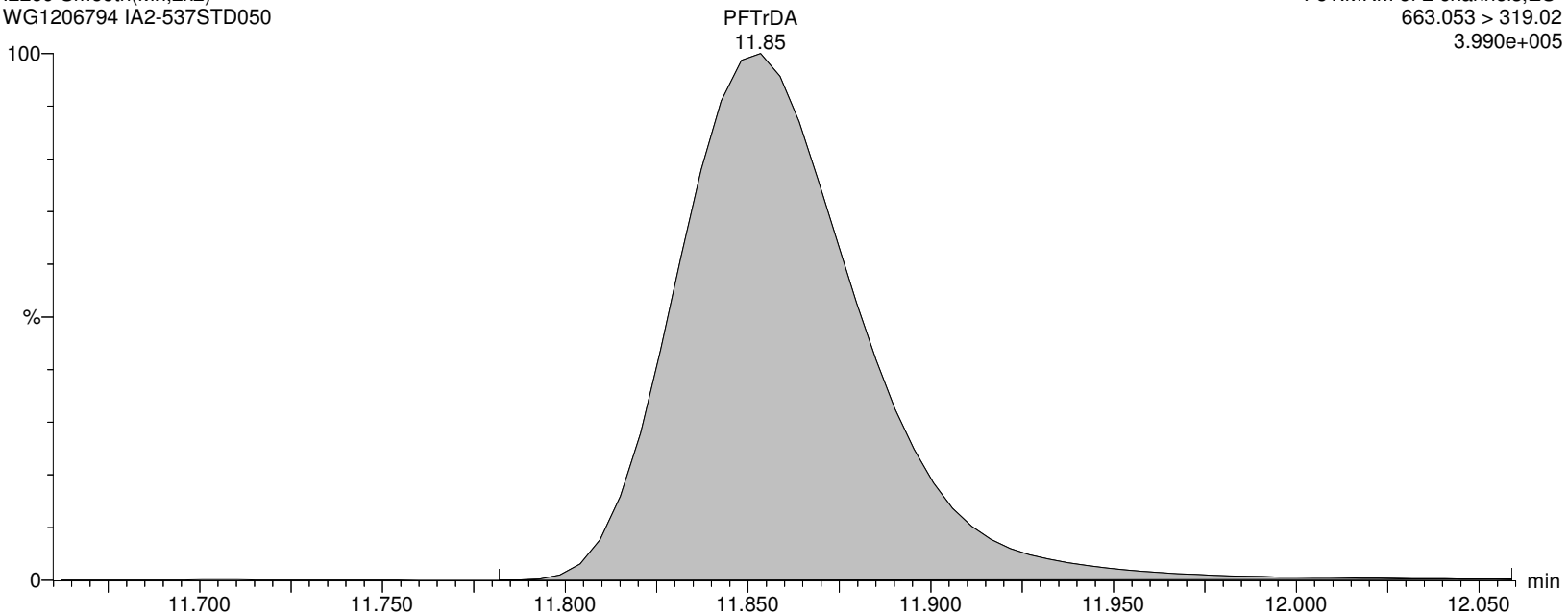
I2269 Smooth(Mn,2x2)

WG1206794 IA2-537STD050

F51:MRM of 2 channels,ES-

663.053 > 319.02

3.990e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTA

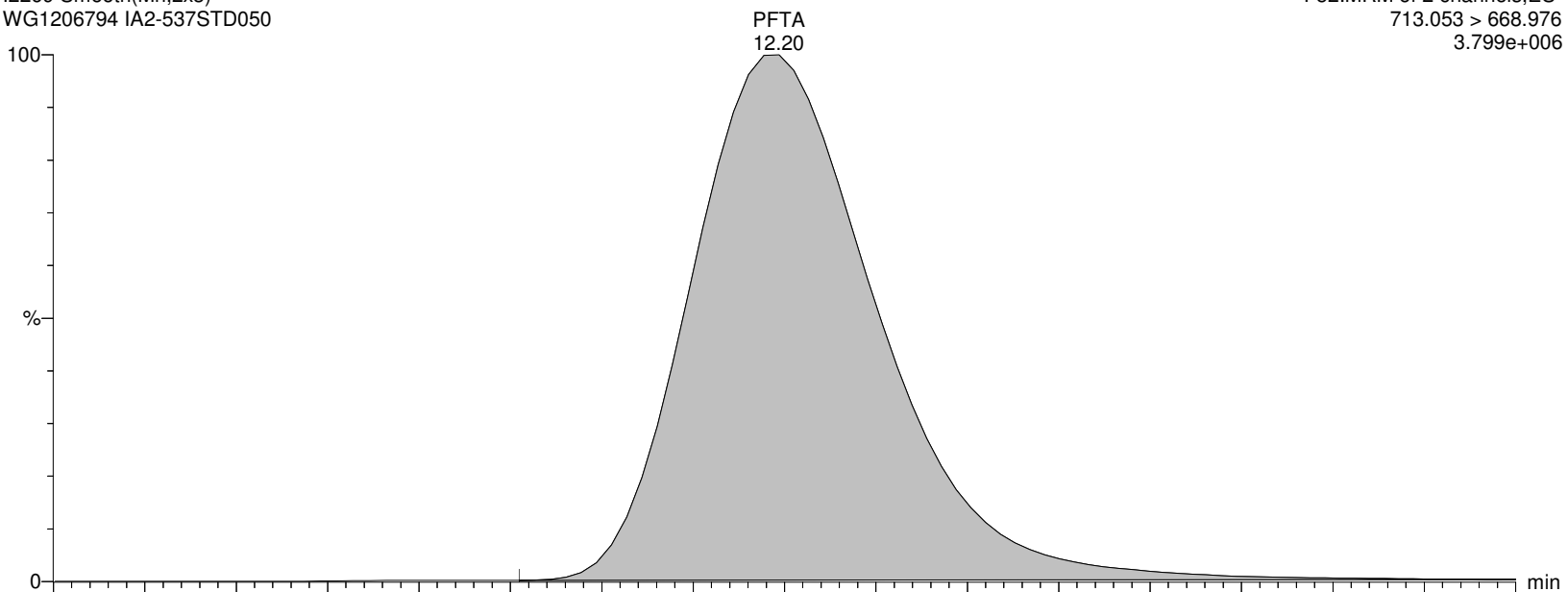
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F52:MRM of 2 channels,ES-

713.053 > 668.976

3.799e+006



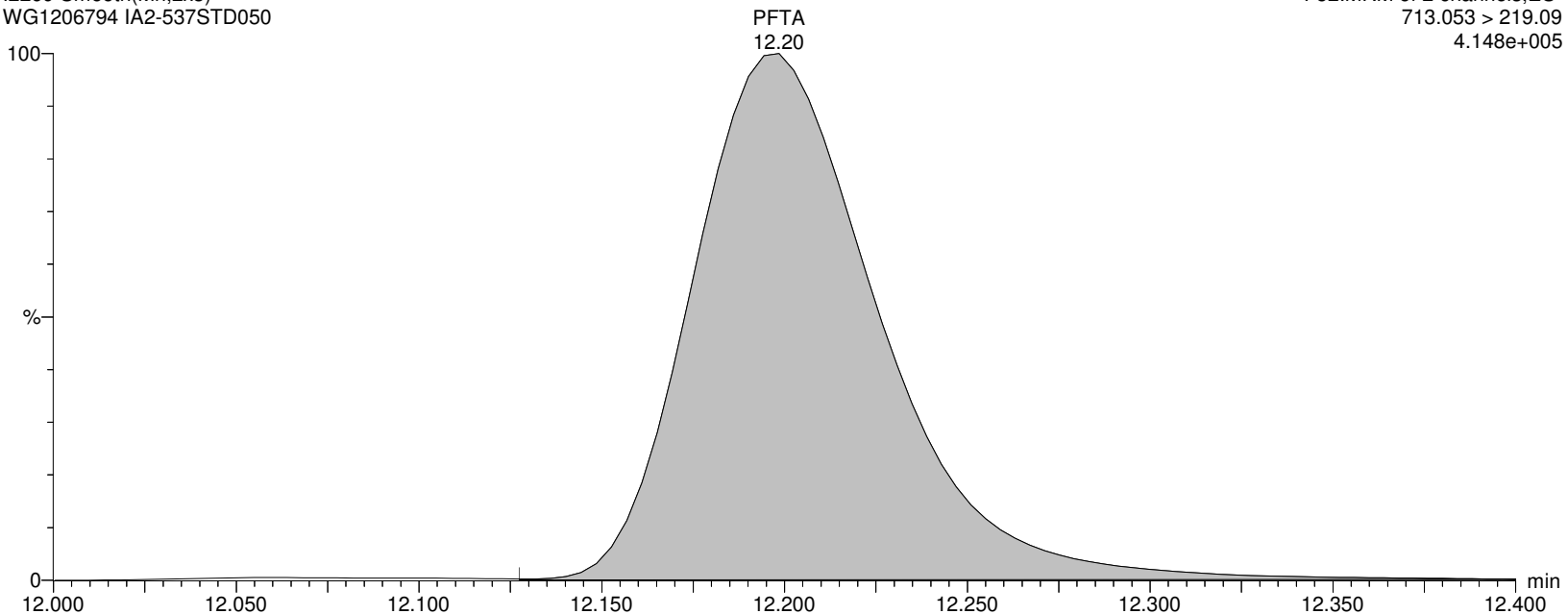
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F52:MRM of 2 channels,ES-

713.053 > 219.09

4.148e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFTEDA

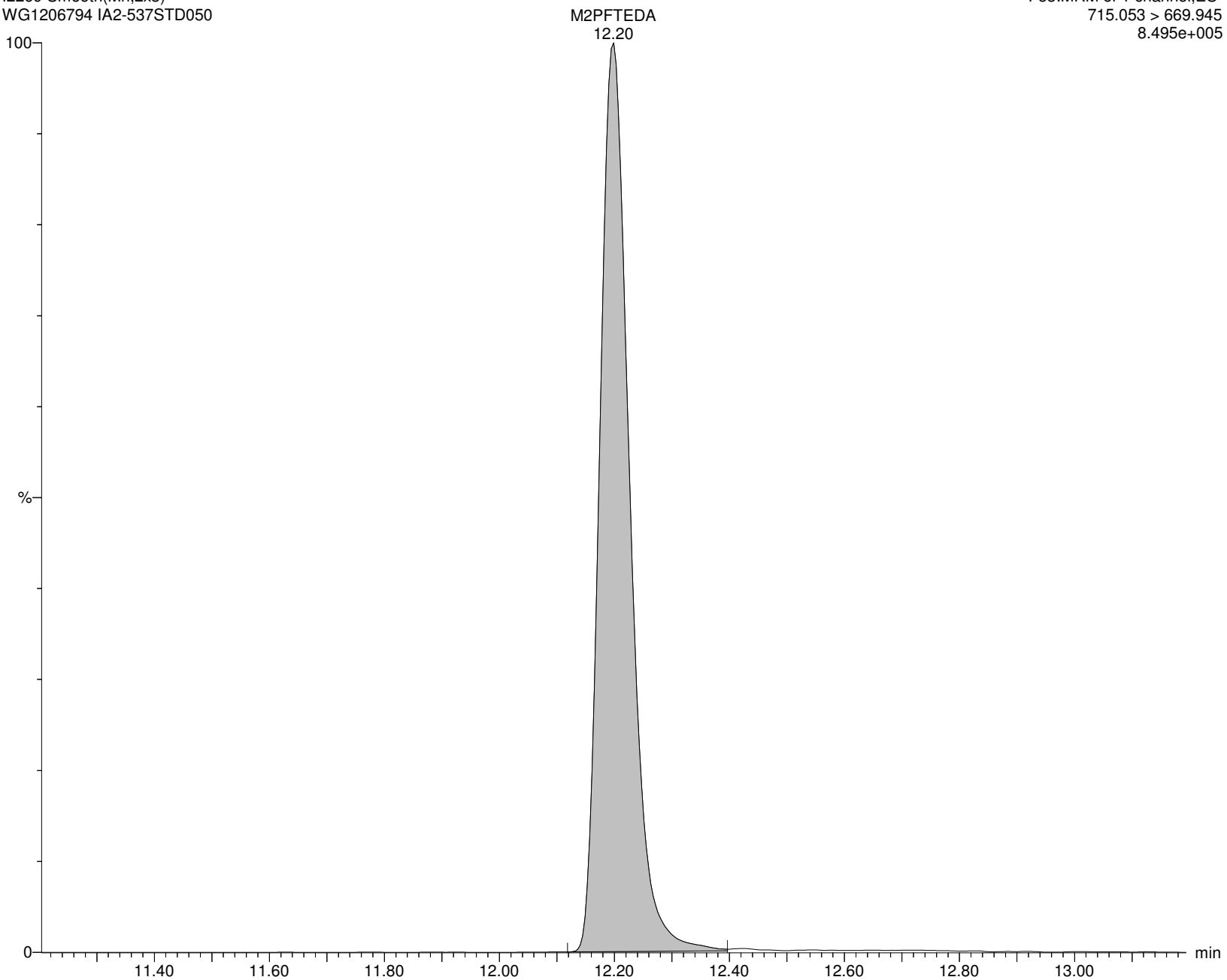
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F53:MRM of 1 channel,ES-

715.053 > 669.945

8.495e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3HFPO-DA

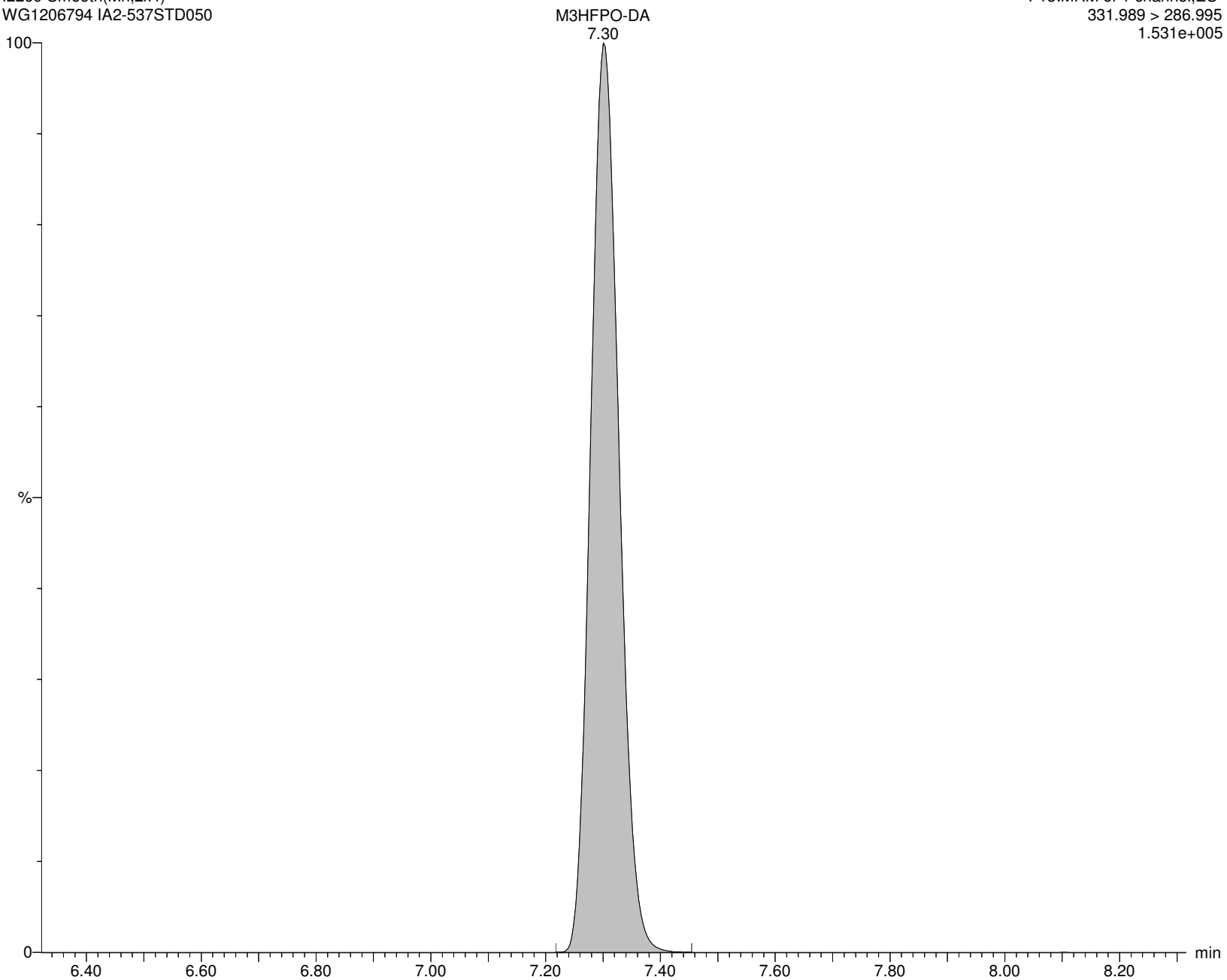
I2269 Smooth(Mn,2x4)

WG1206794 IA2-537STD050

F13:MRM of 1 channel,ES-

331.989 > 286.995

1.531e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

HFPO-DA

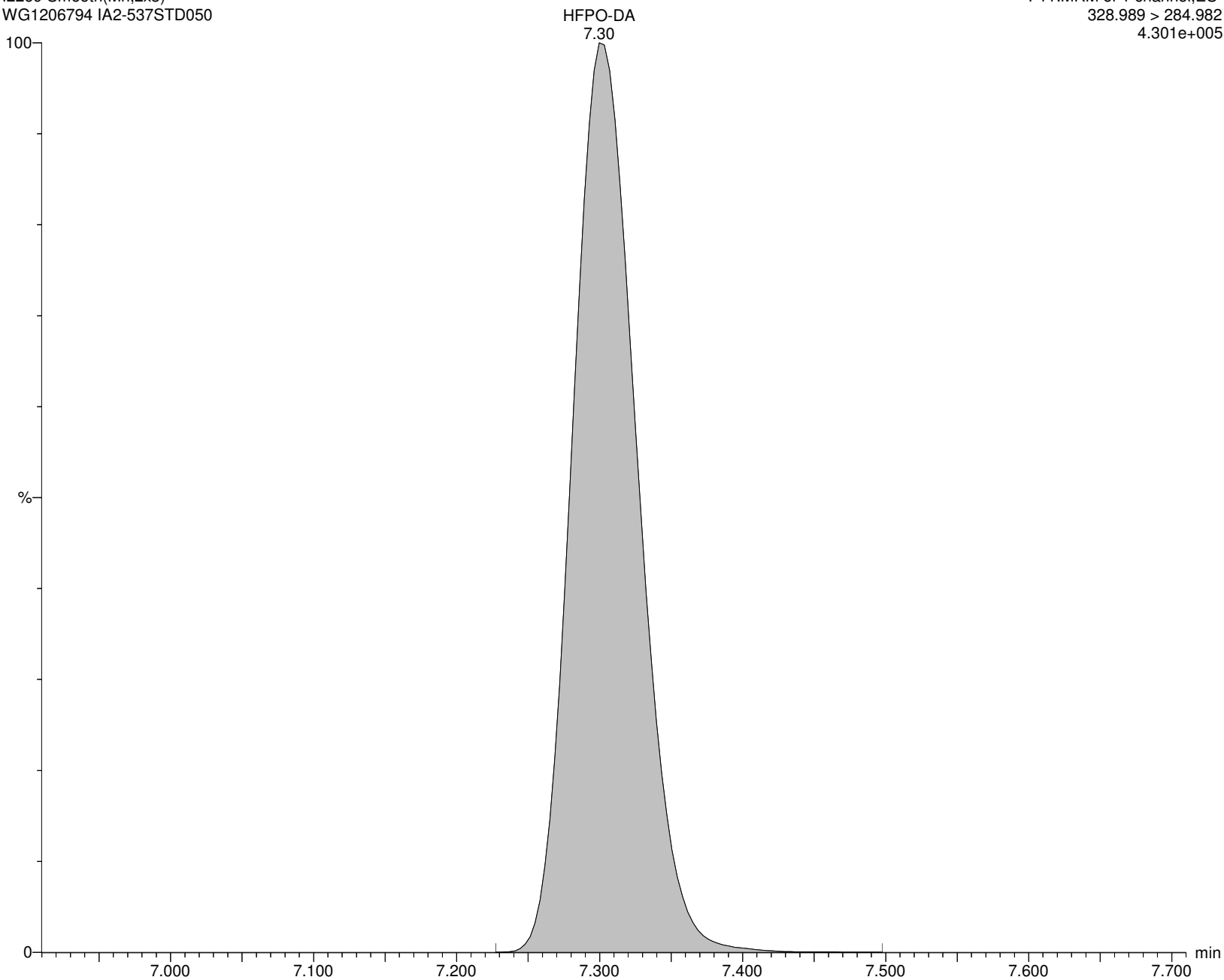
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F11:MRM of 1 channel,ES-

328.989 > 284.982

4.301e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

ADONA

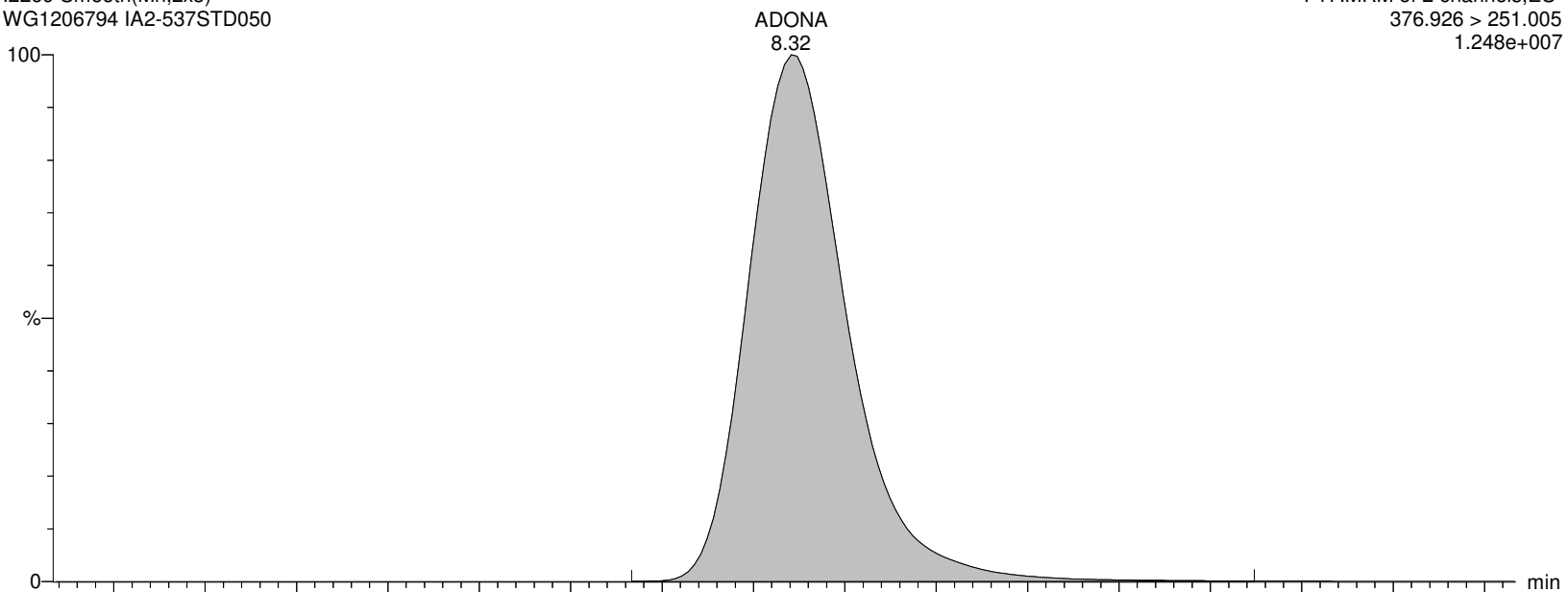
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F17:MRM of 2 channels,ES-

376.926 > 251.005

1.248e+007



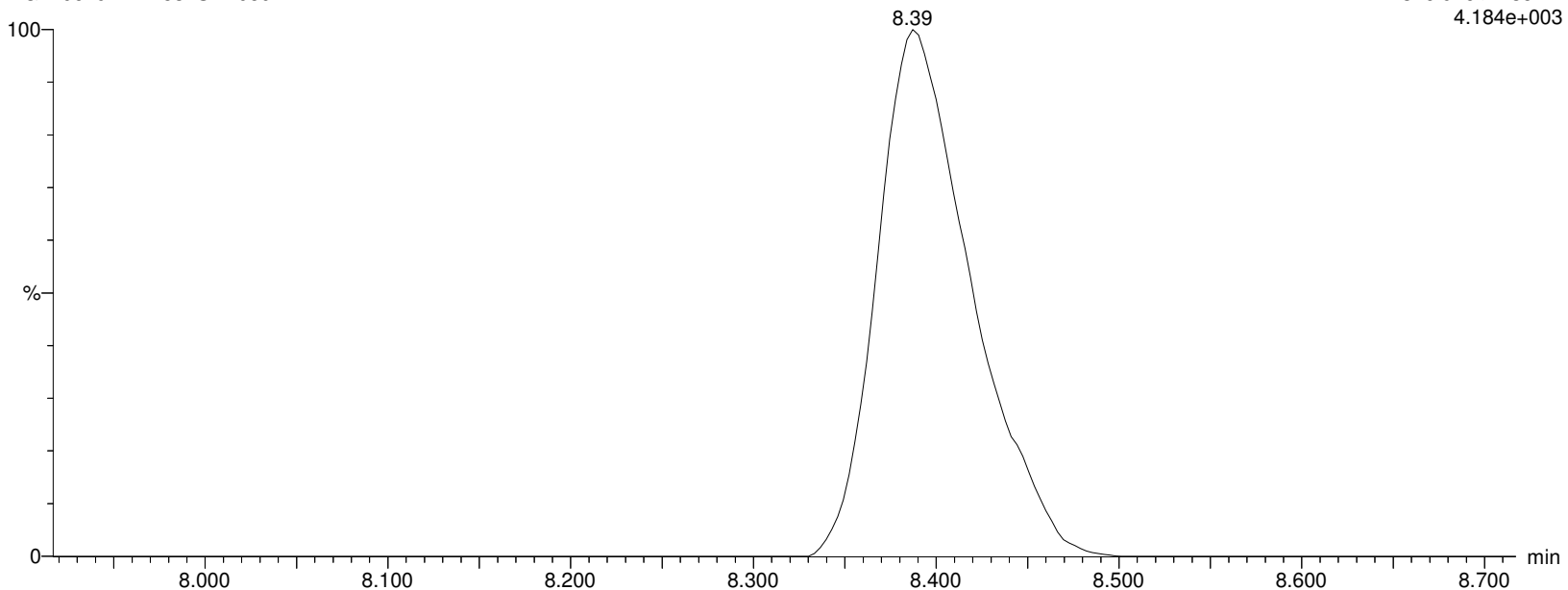
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F17:MRM of 2 channels,ES-

376.926 > 135.12

4.184e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxDA

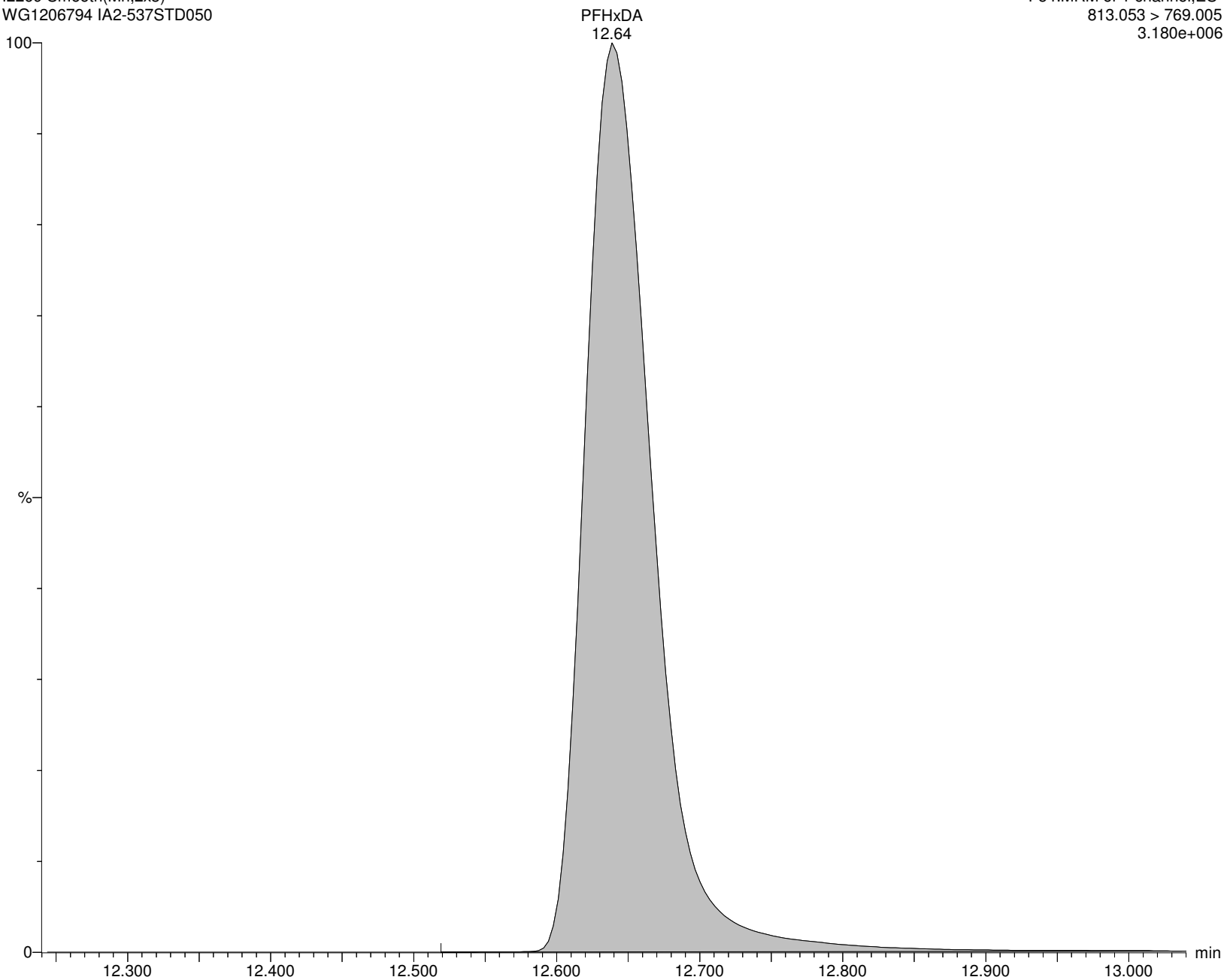
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F54:MRM of 1 channel,ES-

813.053 > 769.005

3.180e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFODA

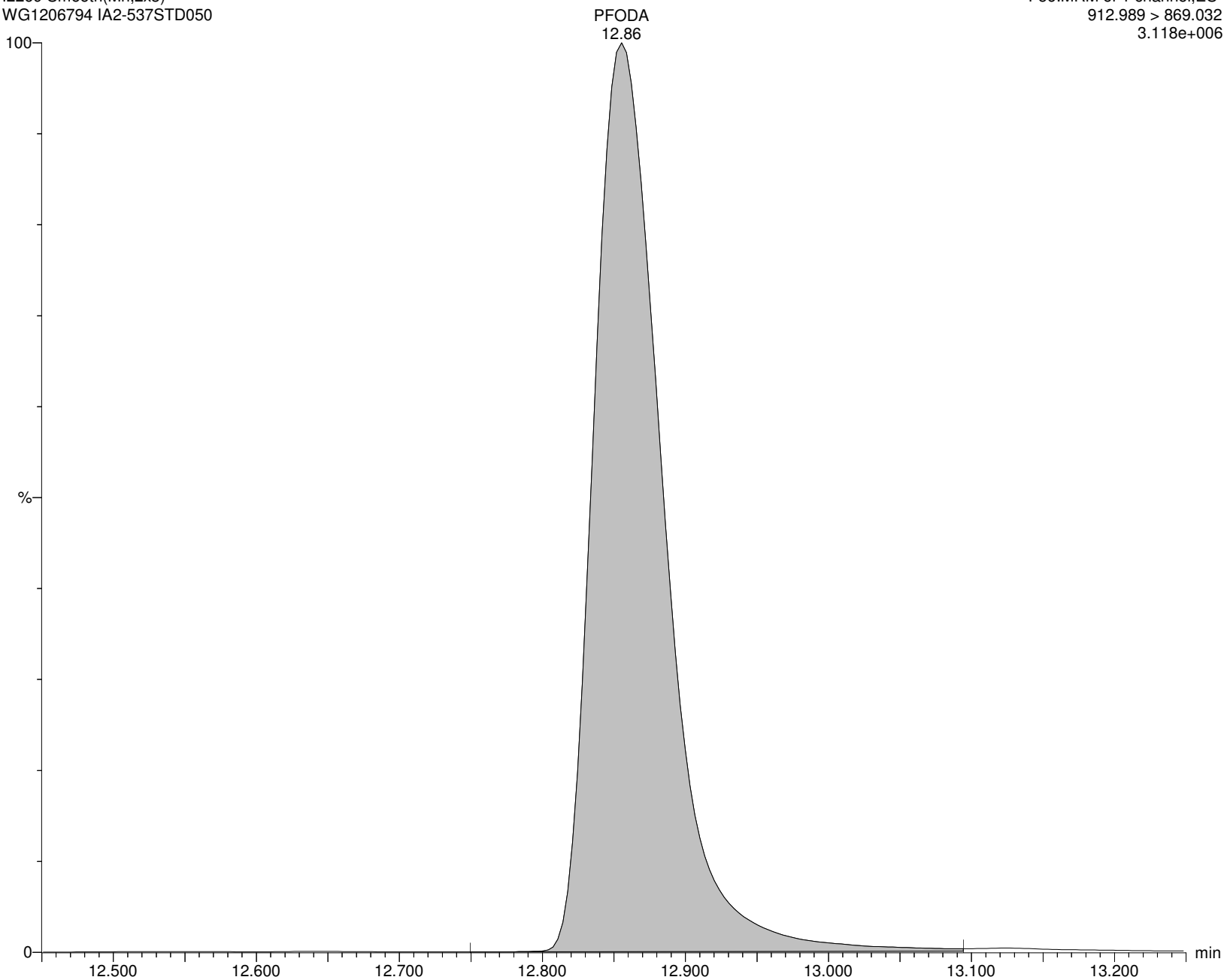
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F56:MRM of 1 channel,ES-

912.989 > 869.032

3.118e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:05 Eastern Standard Time

Name: I2269

ID: IA2-537STD050

Date: 14-Feb-2019

Time: 16:23:41

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFHxDA

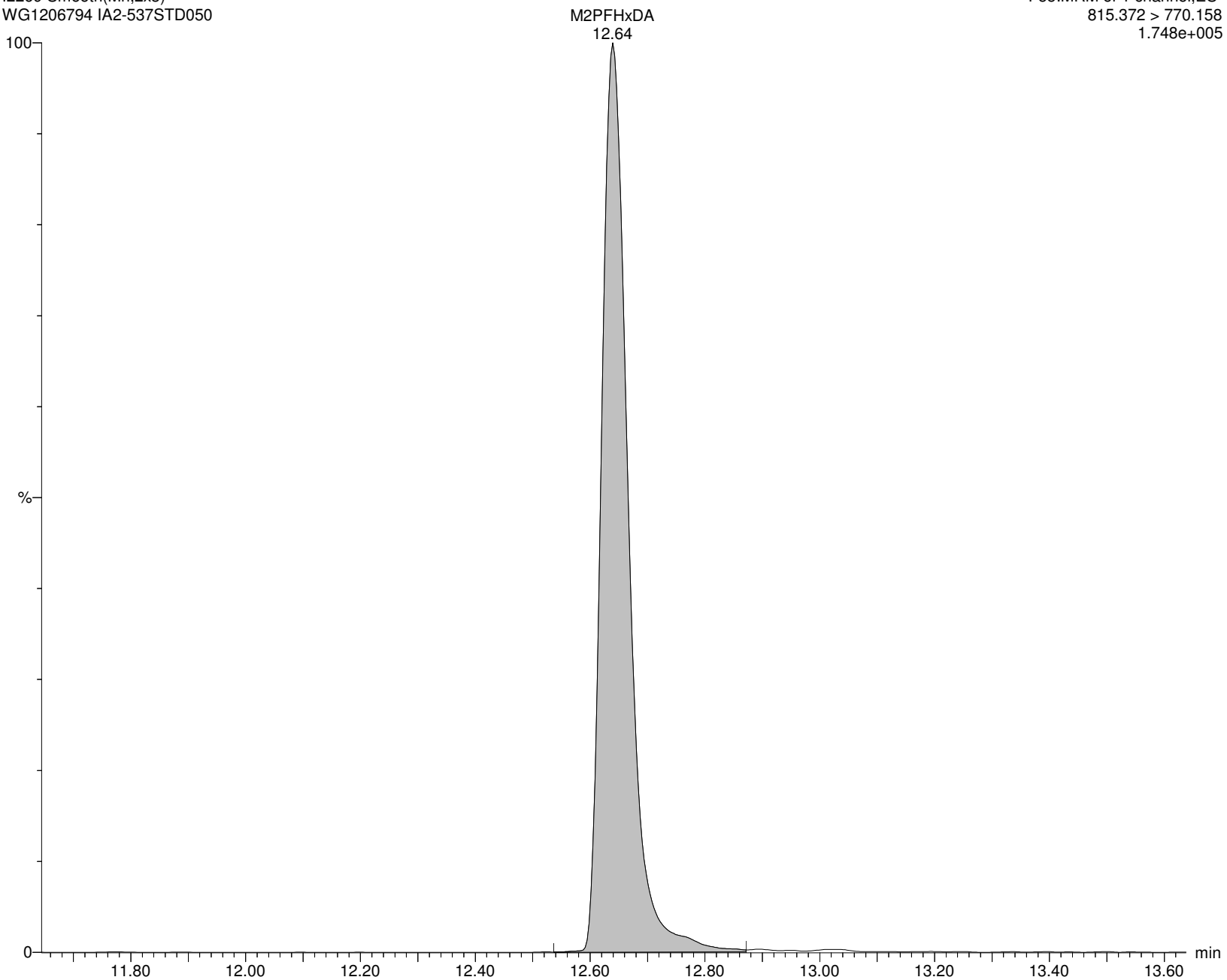
I2269 Smooth(Mn,2x3)

WG1206794 IA2-537STD050

F55:MRM of 1 channel,ES-

815.372 > 770.158

1.748e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Method: C:\MassLynx\Data\2019\190214_537ISO.PRO\MethDB\537ISO_Q.mdb 10 Jan 2019 15:42:15

Calibration: C:\MassLynx\Data\2019\190214_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 07:45:17

ID: IA2-537STD125

Name: I2270

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:PB

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.31	212.926 > 169.111	556515		130.050		na	104.0
2	M3PFBA	INT STD	2.31	215.926 > 172.122	47425		9.992		na	99.9
3	MPFBA	INT STD	2.31	216.926 > 172.137	49885		9.737		na	97.4
4	PFPeA	2706-90-3	5.04	262.926 > 219.002	829942		126.227		na	101.0
5	M5PFPEA	INT STD	5.04	267.989 > 223.081	61394		9.633		na	96.3
6	PFBS	375-73-5	5.66	298.989 > 80.295	127450		110.552		na	99.9
7	M3PFBS	INT STD	5.66	301.989 > 80.254	11043		9.511		na	95.1
8	4:2FTS	757124-72-4	6.80	326.926 > 306.957	74776		117.593	2.20	YES	100.6
9	M2-4:2FTS	INT STD	6.80	329.117 > 309.079	7944		14.747		na	147.5
10	PFHxA	307-24-4	6.88	312.989 > 269.028	1016123		125.983	17.69	NO	100.8
11	M5PFHxA	INT STD	6.88	317.989 > 273.045	79652		9.706		na	97.1
12	PFPeS	2706-91-4	7.18	348.926 > 80.251	136011		120.702	1.98	NO	102.7
13	PFHpA	375-85-9	8.14	362.926 > 319.014	1307478		125.977	5.57	NO	100.8
14	M4PFHpA	INT STD	8.14	366.926 > 321.979	103670		9.779		na	97.8
15	br-PFHxS	355-46-4	8.06	398.926 > 80.295	23902		21.766	2.03	YES	102.4
16	L-PFHxS	355-46-4	8.29	398.926 > 80.295	100694		94.490	1.49	NO	102.2
17	PFHxS	355-46-4		398.926 > 80.295	124596		116.256		na	
18	M3PFHxS	INT STD	8.29	401.926 > 80.317	7699		9.367		na	93.7
19	br-PFOA	335-67-1		412.989 > 368.9			ND		YES	
20	L-PFOA	335-67-1	9.08	412.989 > 368.9	1262583		128.517	10.28	NO	102.8
21	M2PFOA	INT STD	9.08	415.032 > 369.968	98710		9.967		na	99.7
22	PFOA	335-67-1		412.989 > 368.9	1262583		128.517		na	
23	M8PFOA	INT STD	9.08	420.989 > 375.979	91886		9.692		na	96.9
24	6:2FTS	27619-97-2	9.03	426.989 > 406.921	57417		117.817		na	99.2
25	M2-6:2FTS	INT STD	9.03	428.989 > 408.917	7064		13.056		na	130.6
26	PFHpS	375-92-8	9.16	448.926 > 80.257	72532		119.730	0.94	YES	100.8
27	PFNA	375-95-1	9.82	462.989 > 418.931	999617		124.394	4.59	NO	99.5
28	M9PFNA	INT STD	9.82	472.053 > 426.947	86853		9.634		na	96.3
29	br-PFOS	1763-23-1	9.68	498.989 > 80.294	33924		25.486	3.95	NO	101.9
30	L-PFOS	1763-23-1	9.87	498.989 > 80.294	92062		91.177	1.74	NO	99.9
31	PFOS	1763-23-1		498.989 > 80.294	125986		116.663		na	
32	M4PFOS	INT STD	9.87	503.032 > 80.306	9335		10.096		na	101.0
33	M8PFOS	INT STD	9.87	507.053 > 80.294	8825		9.402		na	94.0
34	PFDA	335-76-2	10.45	513.053 > 468.906	874347		127.588	6.78	NO	102.1
35	M2PFDA	INT STD	10.45	515.053 > 469.934	71295		9.452		na	94.5
36	M6PFDA	INT STD	10.45	519.053 > 473.931	73912		9.686		na	96.9
37	8:2FTS	39108-34-4	10.44	526.989 > 506.946	39955		119.972		na	100.0
38	M2-8:2FTS	INT STD	10.44	529.053 > 508.945	4168		13.995		na	140.0
39	PFNS	68259-12-1	10.47	548.989 > 80.249	95866		126.545	1.38	NO	105.5

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

ID: IA2-537STD125

Name: I2270

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:PB

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.84	573.096 > 418.987	7378		10.167		na	101.7
41	NMeFOSAA	2355-31-9	10.84	570.053 > 418.917	98460		129.090		na	103.3
42	PfUnA	2058-94-8	10.98	562.989 > 518.903	849538		125.023	8.14	NO	100.0
43	M7-PFUDA	INT STD	10.98	570.053 > 524.923	62574		9.778		na	97.8
44	PFDS	335-77-3	10.99	598.926 > 80.314	91923		129.764	1.32	YES	107.6
45	FOSA	754-91-6	10.93	497.989 > 78.245	313573		122.283		na	97.8
46	M8FOSA	INT STD	10.93	506.053 > 78.286	24876		10.381		na	103.8
47	d5-NEtFOSAA	INT STD	11.12	589.117 > 418.929	6763		10.300		na	103.0
48	NEtFOSAA	2991-50-6	11.13	583.989 > 418.927	89882		122.753	2.67	YES	98.2
49	PFDoA	307-55-1	11.45	612.989 > 568.967	859010		126.811	14.35	NO	101.4
50	MPFDOA	INT STD	11.45	614.989 > 569.92	74488		10.144		na	101.4
51	PFTTrDA	72629-94-8	11.85	663.053 > 618.969	627348		123.332	10.98	NO	98.7
52	PFTA	376-06-7	12.20	713.053 > 668.976	519476		125.182	8.70	NO	100.1
53	M2PFTEDA	INT STD	12.20	715.053 > 669.945	49066		10.036		na	100.4
54	M3HFPO-DA	INT STD	7.29	331.989 > 286.995	12609		267.902		na	134.0
55	HFPO-DA	13252-13-6	7.29	328.989 > 284.982	84934		2447.900		na	97.9
56	ADONA	958445-44-8	8.32	376.926 > 251.005	1870546		119.514		YES	101.0
57	PFHxDA		12.64	813.053 > 769.005	436846		127.785		na	102.2
58	PFODA		12.85	912.989 > 869.032	417657		125.380		na	100.3
59	M2PFHxDA		12.64	815.372 > 770.158	9090		9.724		na	97.2

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Method: C:\MassLynx\Data\2019\190214_537ISO.PRO\MethDB\537ISO_Q.mdb 10 Jan 2019 15:42:15

Calibration: C:\MassLynx\Data\2019\190214_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 07:45:17

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBA

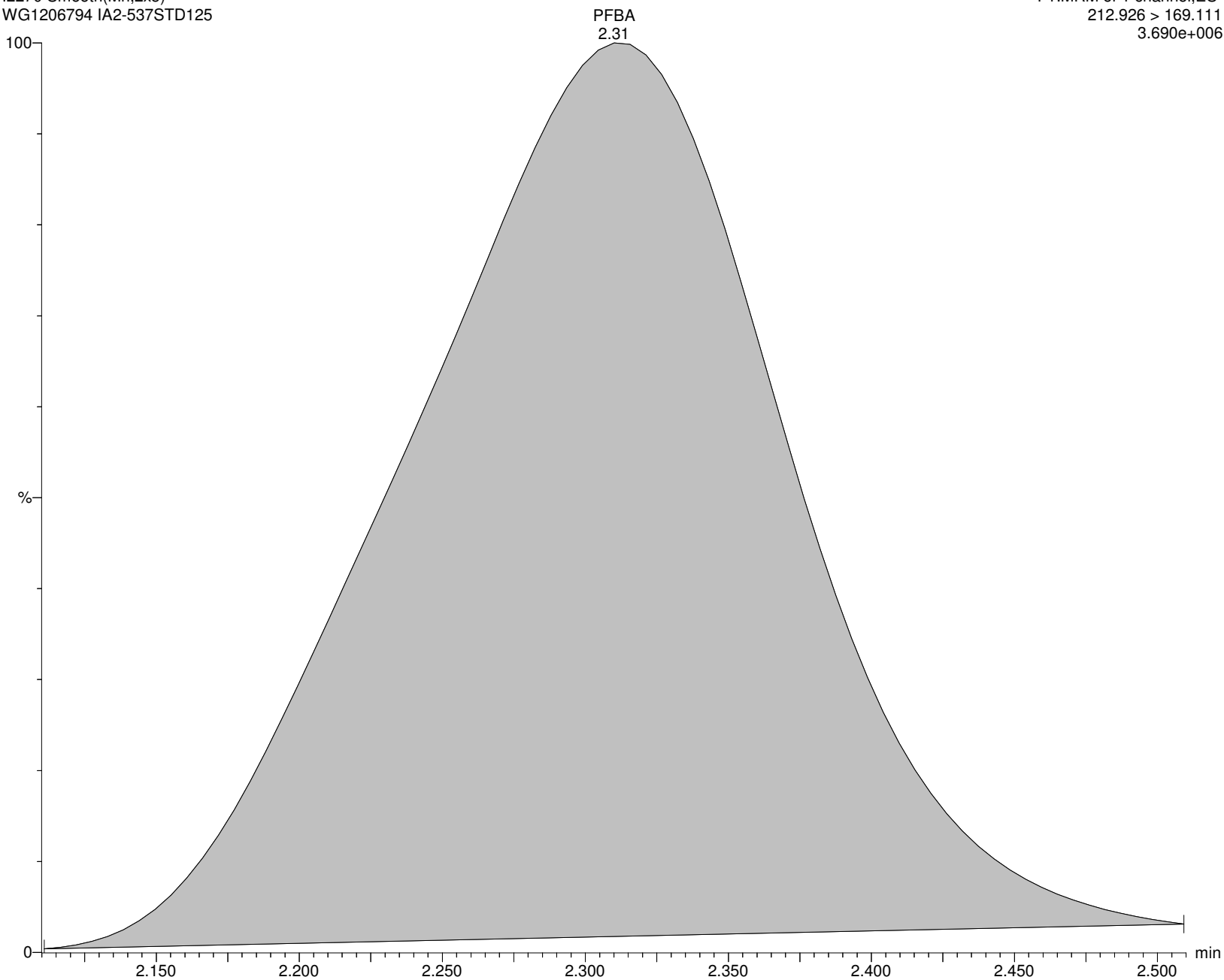
I2270 Smooth(Mn,2x5)

WG1206794 IA2-537STD125

F1:MRM of 1 channel,ES-

212.926 > 169.111

3.690e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBA

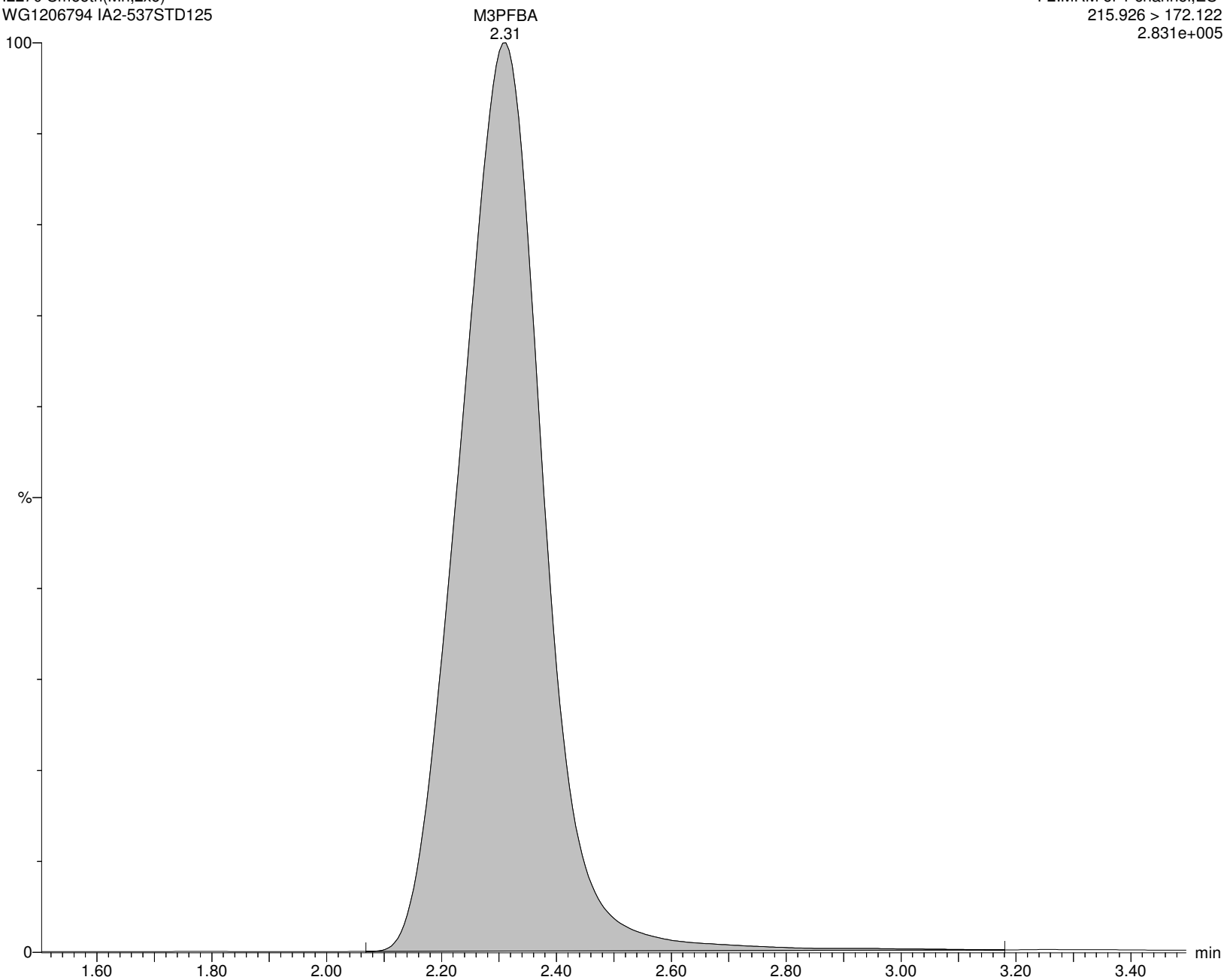
I2270 Smooth(Mn,2x6)

WG1206794 IA2-537STD125

F2:MRM of 1 channel,ES-

215.926 > 172.122

2.831e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFBA

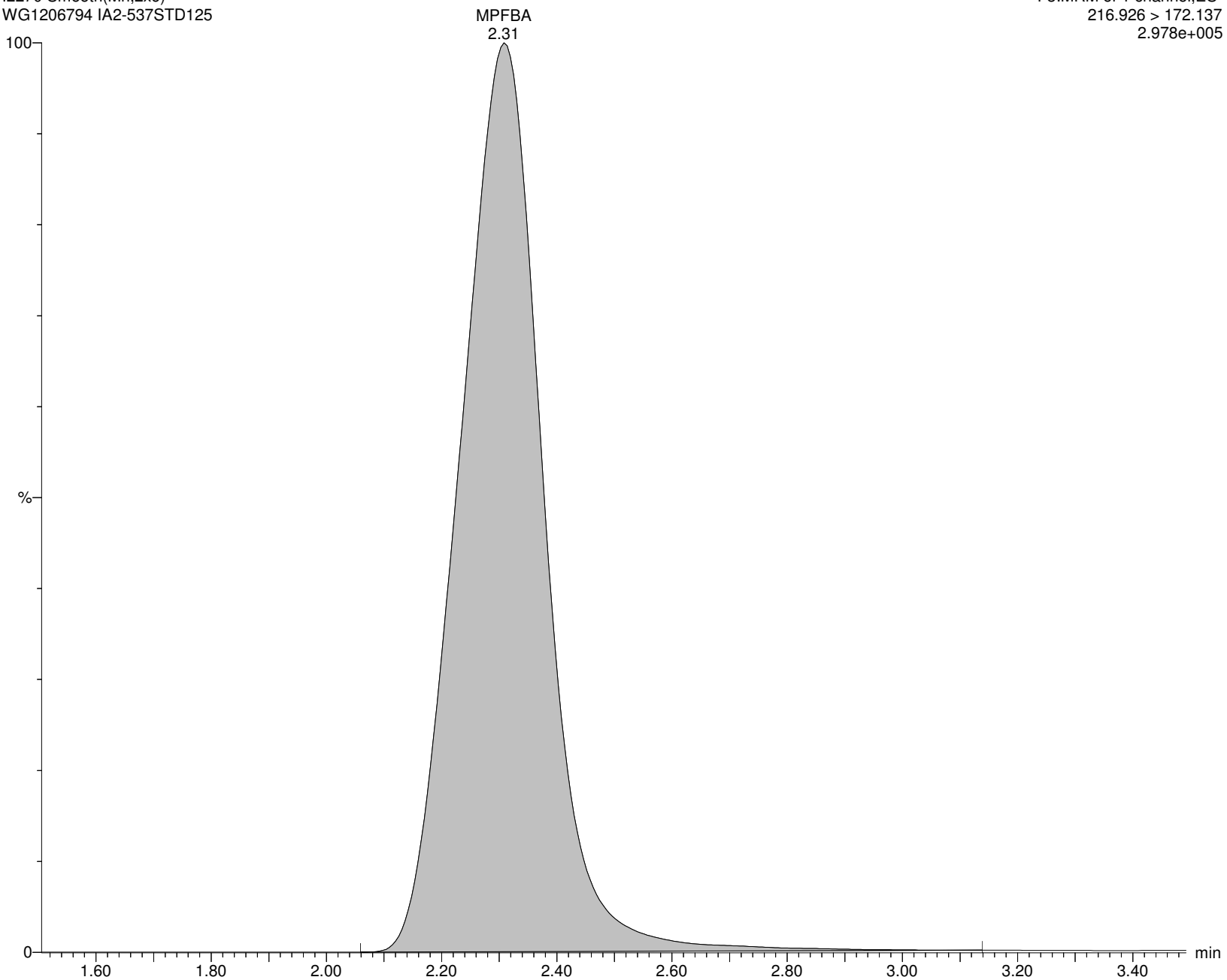
I2270 Smooth(Mn,2x6)

WG1206794 IA2-537STD125

F3:MRM of 1 channel,ES-

216.926 > 172.137

2.978e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeA

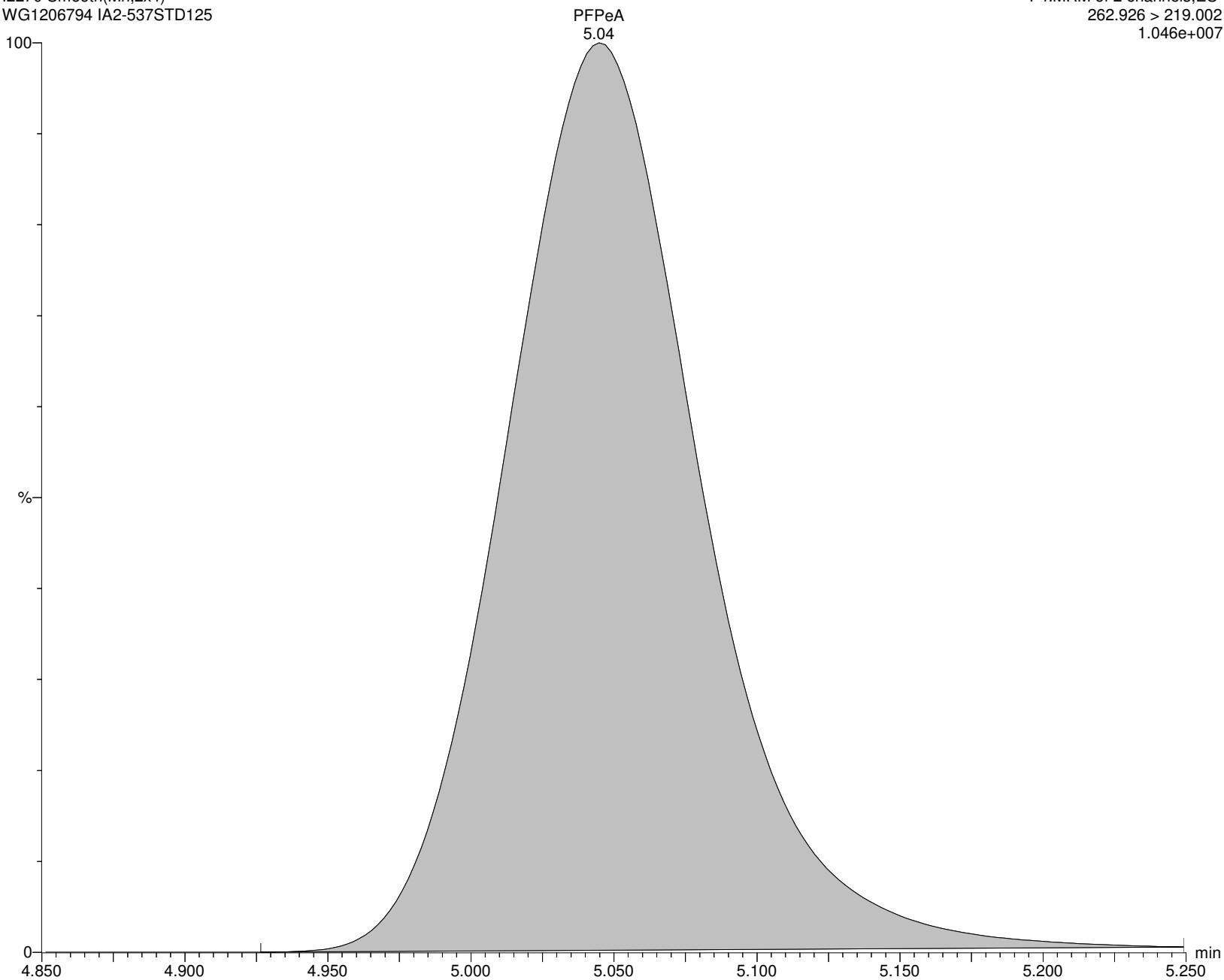
I2270 Smooth(Mn,2x4)

WG1206794 IA2-537STD125

F4:MRM of 2 channels,ES-

262.926 > 219.002

1.046e+007



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFPEA

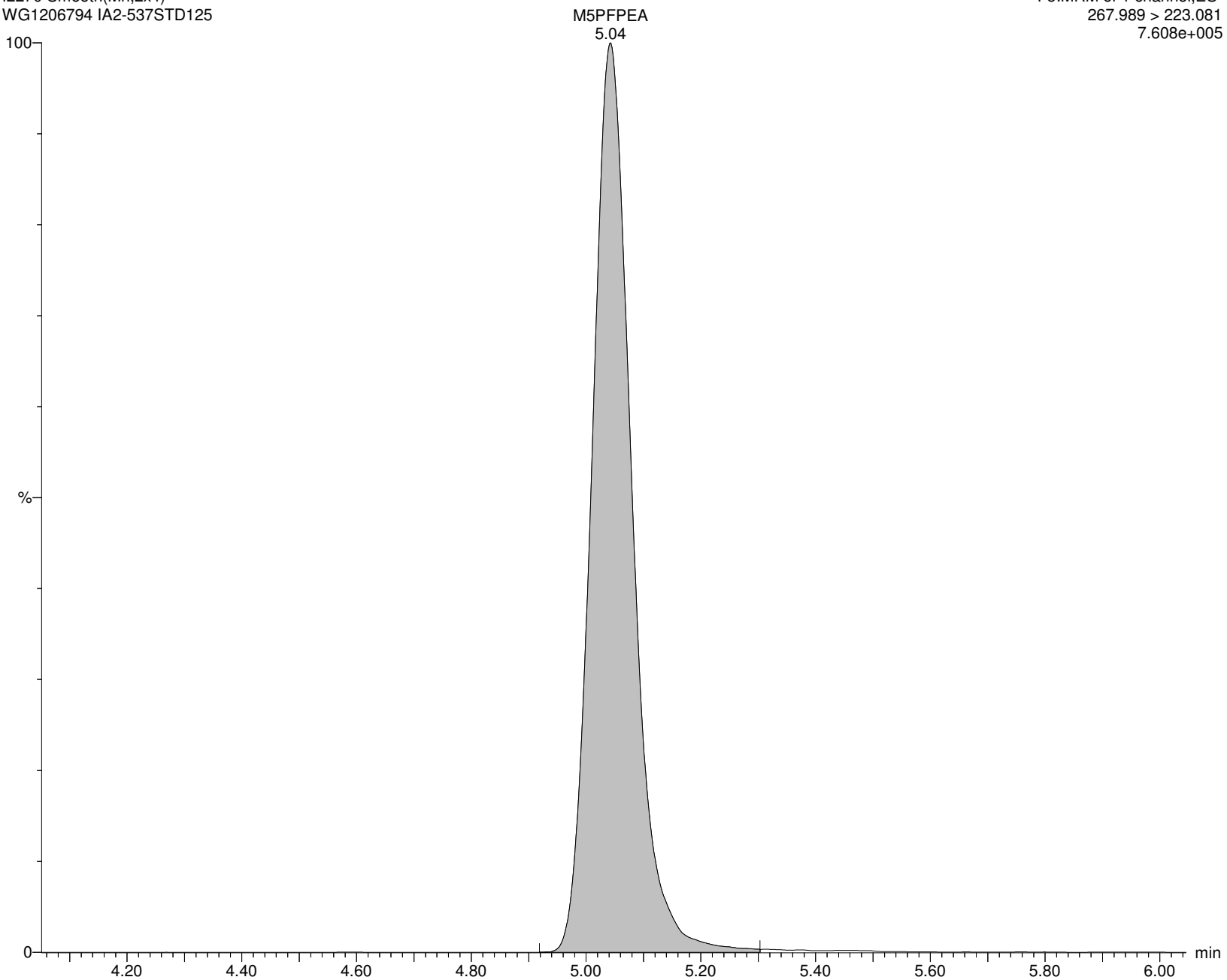
I2270 Smooth(Mn,2x4)

WG1206794 IA2-537STD125

F5:MRM of 1 channel,ES-

267.989 > 223.081

7.608e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBS

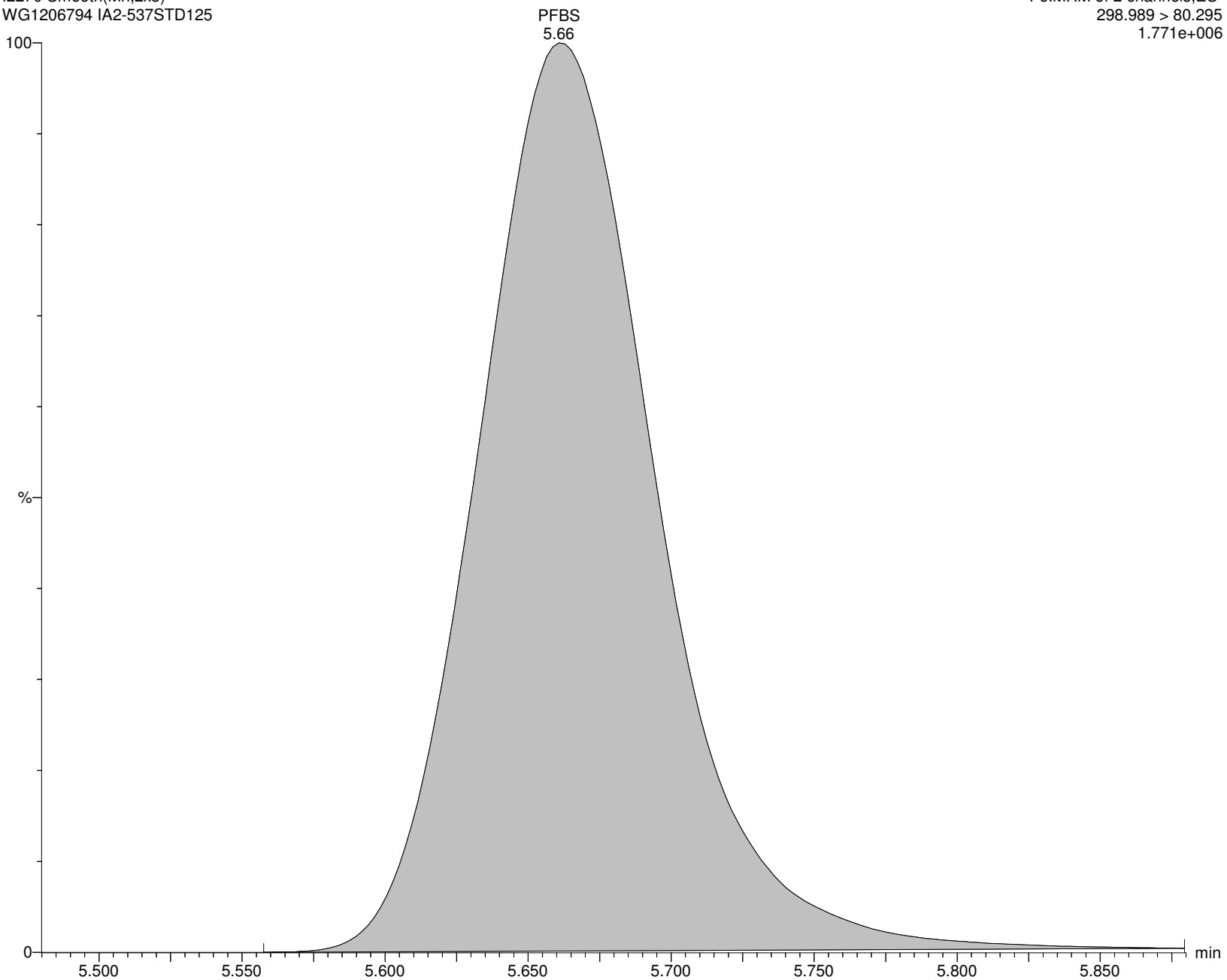
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F6:MRM of 2 channels,ES-

298.989 > 80.295

1.771e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBS

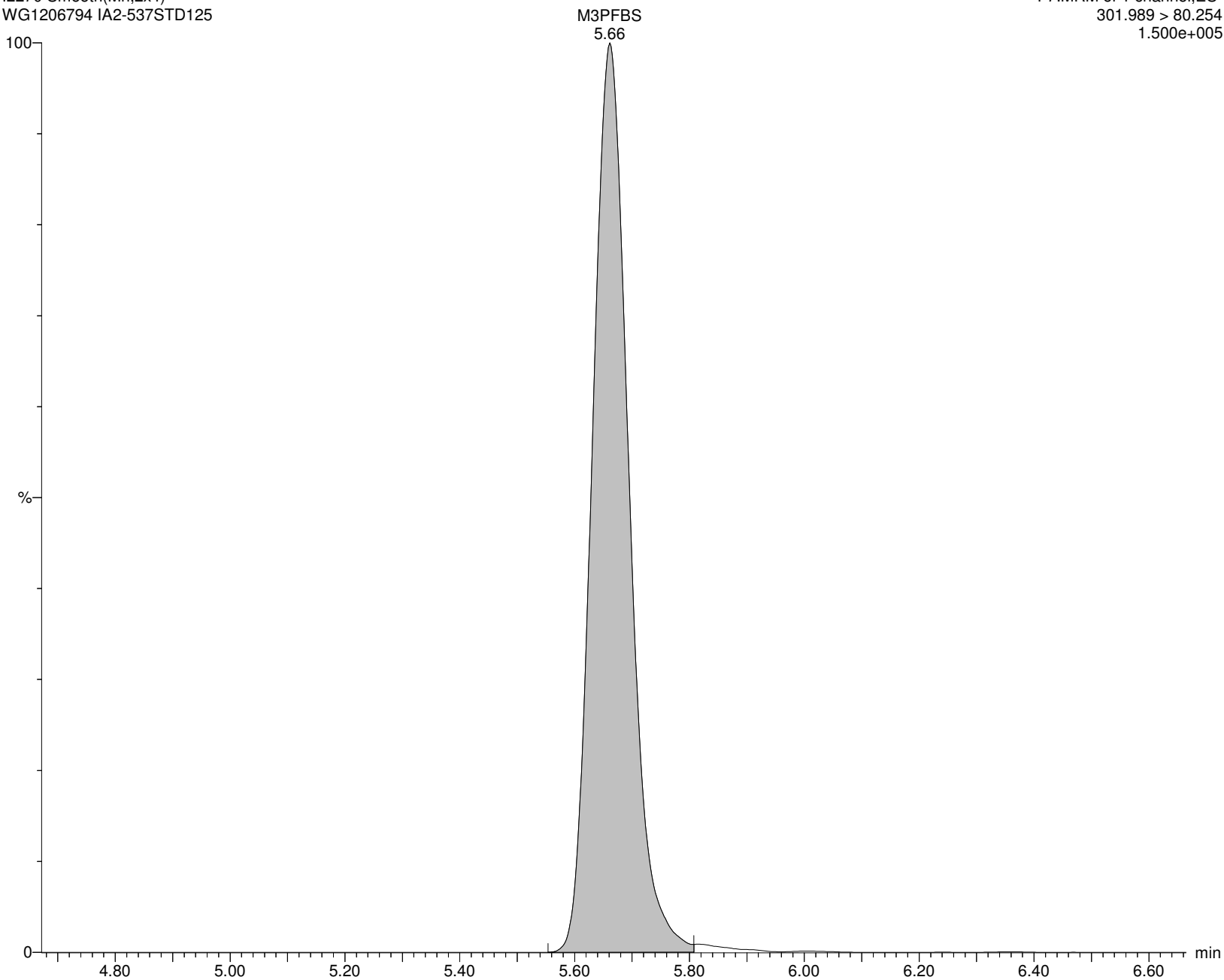
I2270 Smooth(Mn,2x4)

WG1206794 IA2-537STD125

F7:MRM of 1 channel,ES-

301.989 > 80.254

1.500e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

4:2FTS

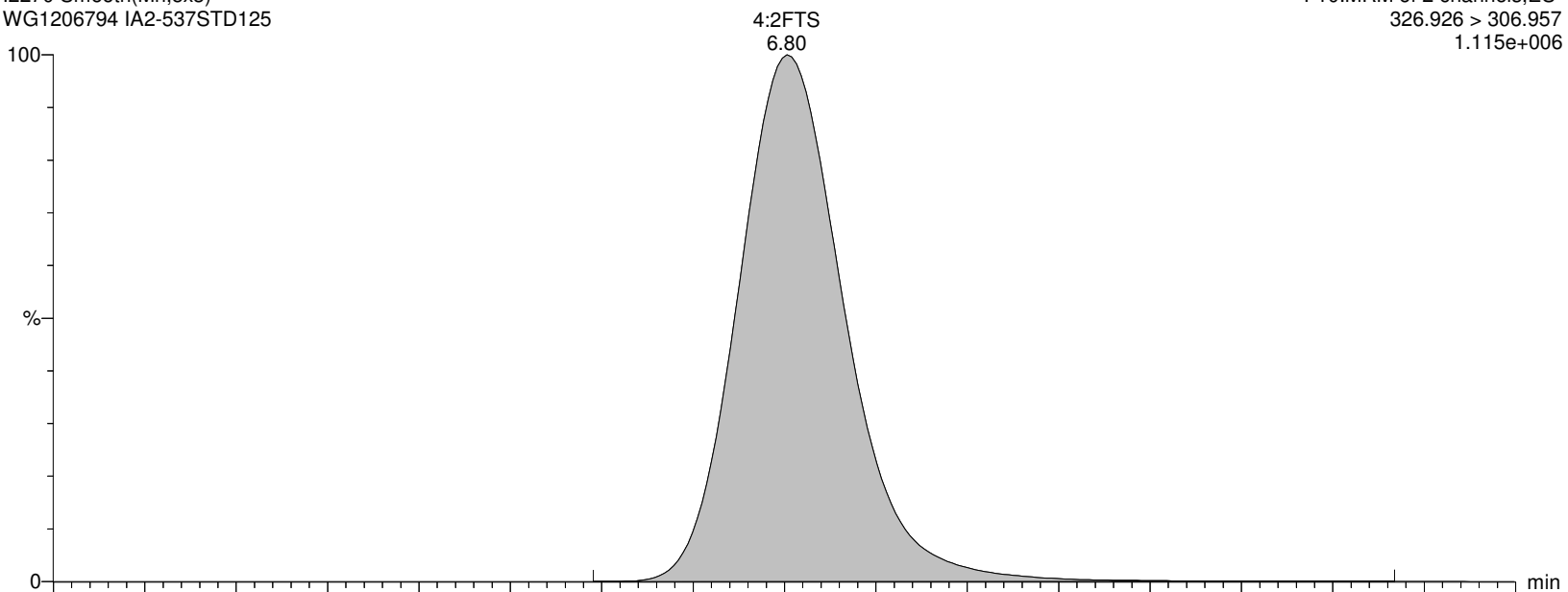
I2270 Smooth(Mn,5x3)

WG1206794 IA2-537STD125

F10:MRM of 2 channels,ES-

326.926 > 306.957

1.115e+006



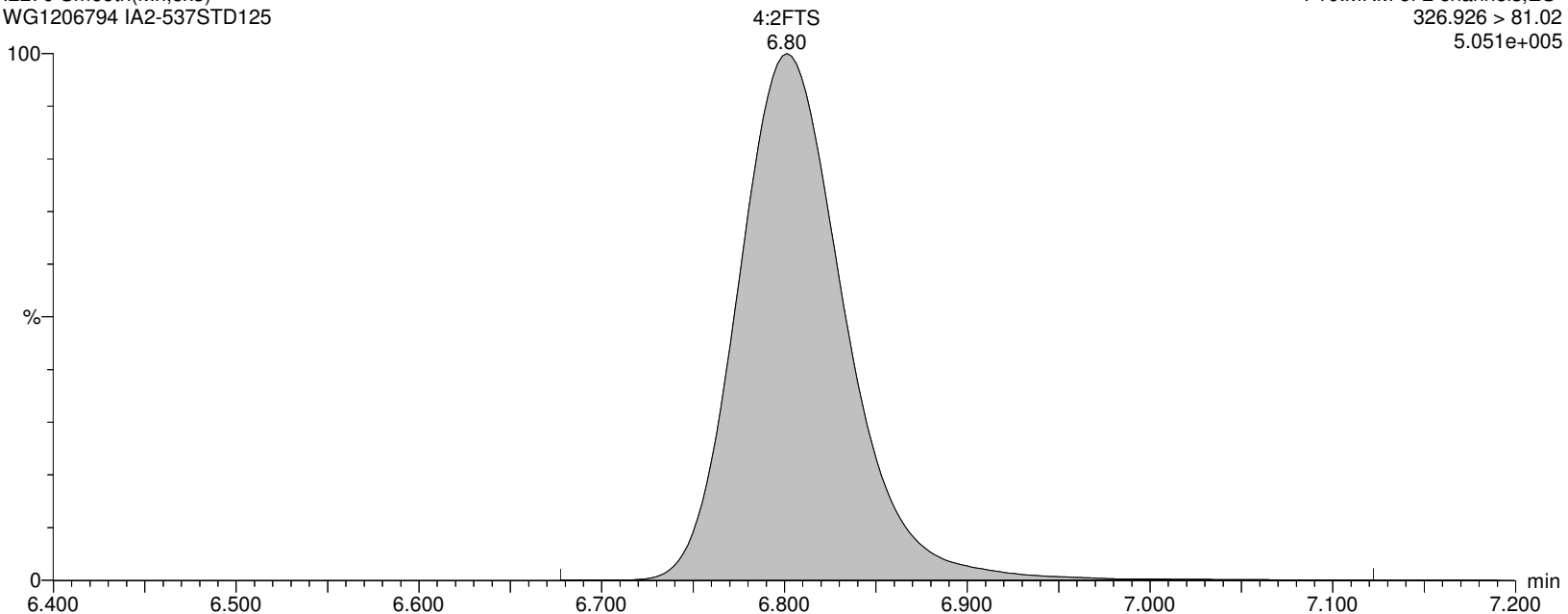
I2270 Smooth(Mn,5x3)

WG1206794 IA2-537STD125

F10:MRM of 2 channels,ES-

326.926 > 81.02

5.051e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-4:2FTS

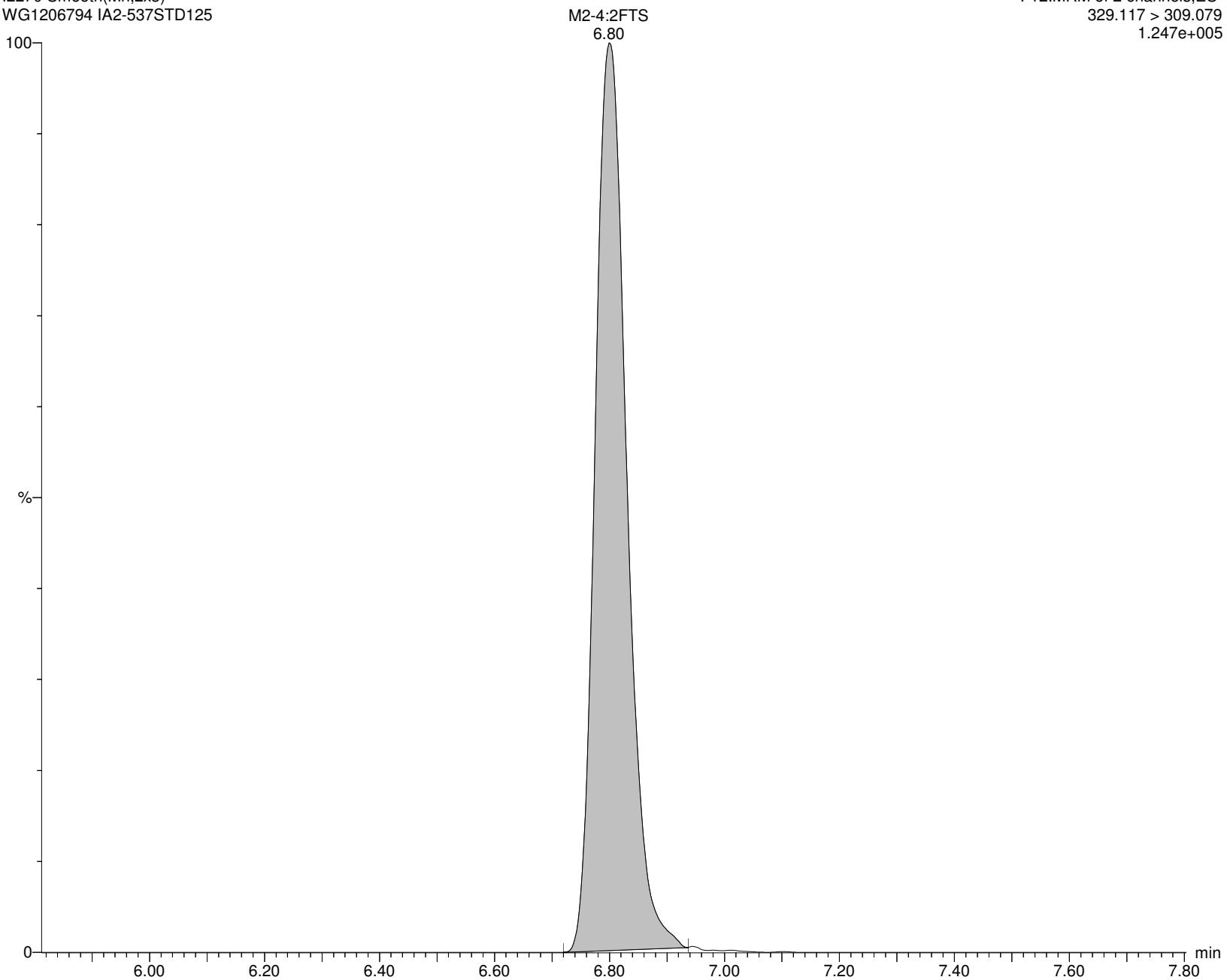
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F12:MRM of 2 channels,ES-

329.117 > 309.079

1.247e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxA

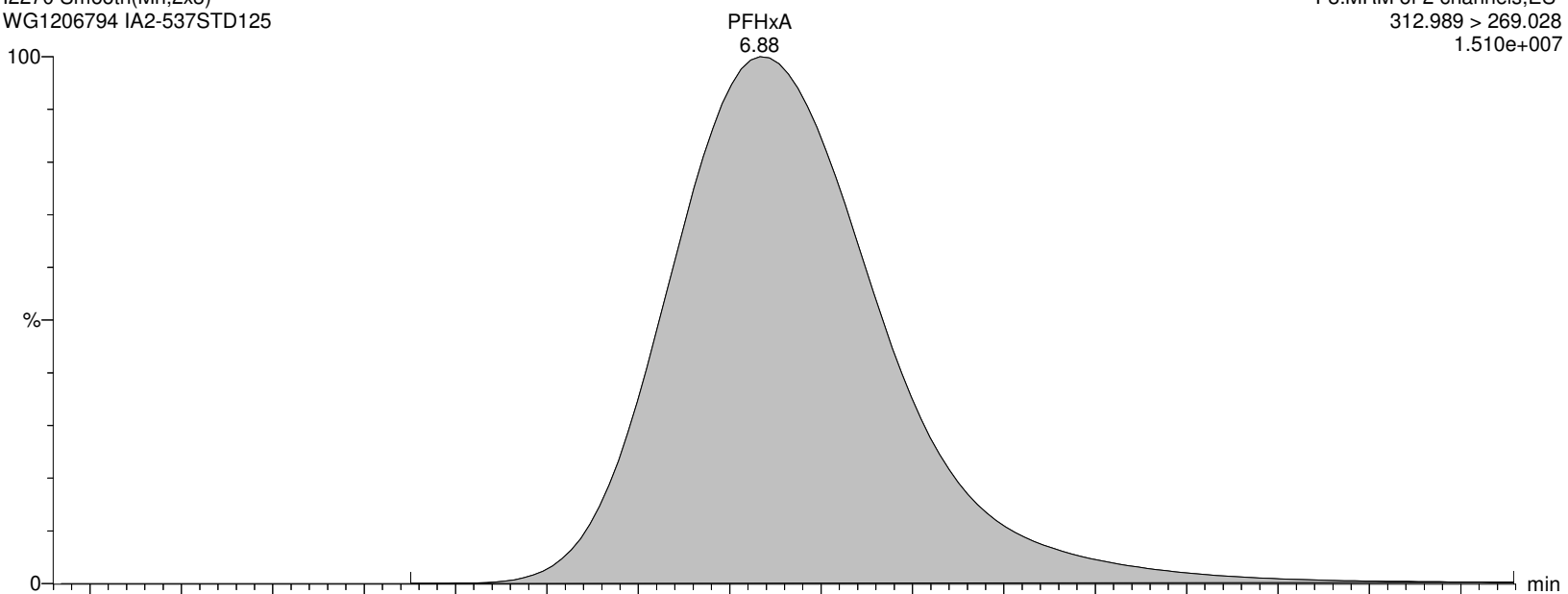
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F8:MRM of 2 channels,ES-

312.989 > 269.028

1.510e+007



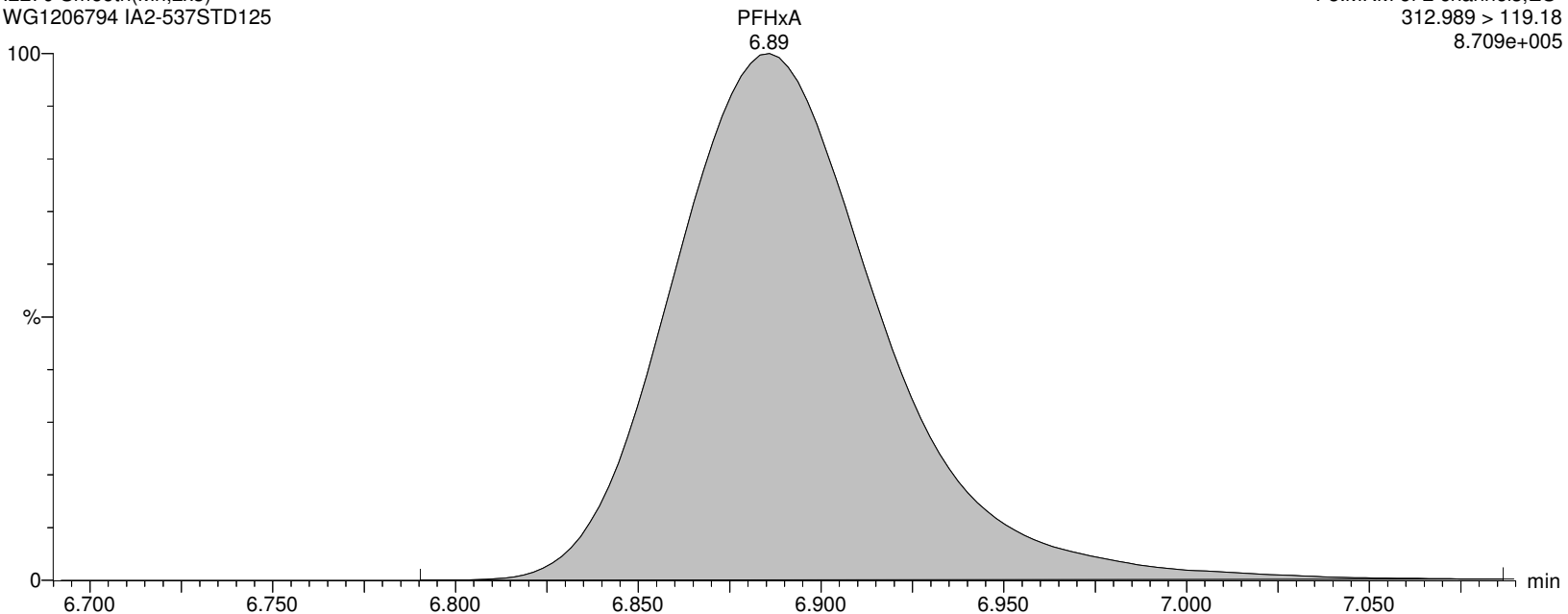
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F8:MRM of 2 channels,ES-

312.989 > 119.18

8.709e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFHxA

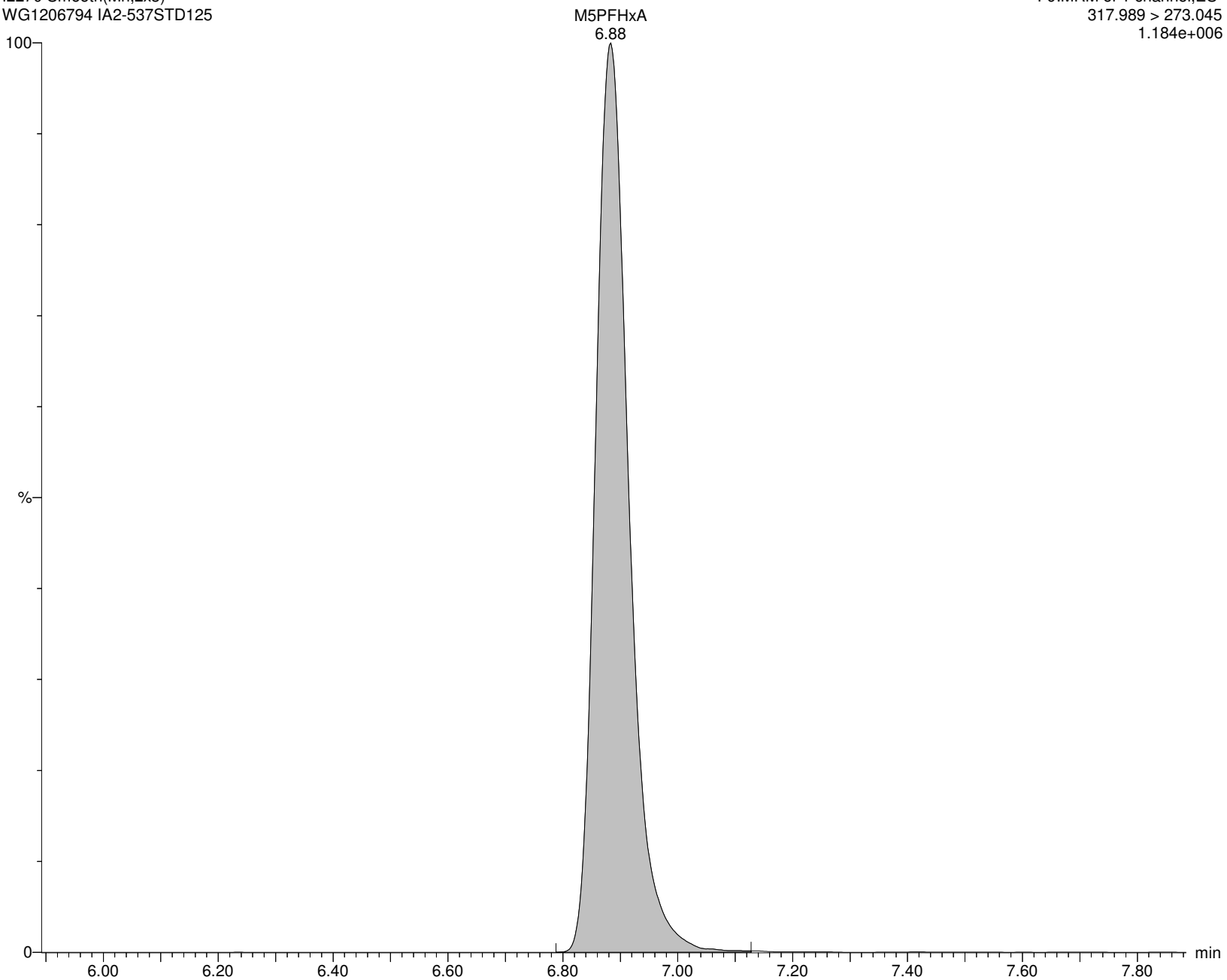
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F9:MRM of 1 channel,ES-

317.989 > 273.045

1.184e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeS

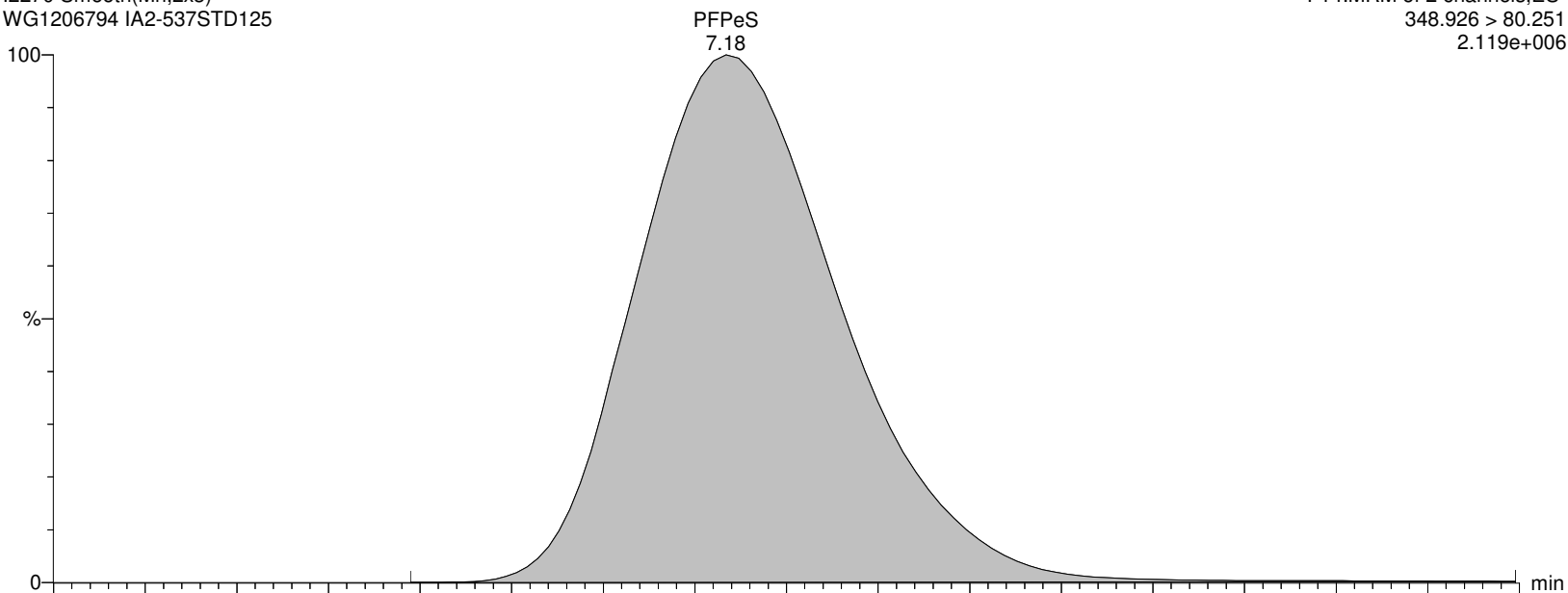
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F14:MRM of 2 channels,ES-

348.926 > 80.251

2.119e+006



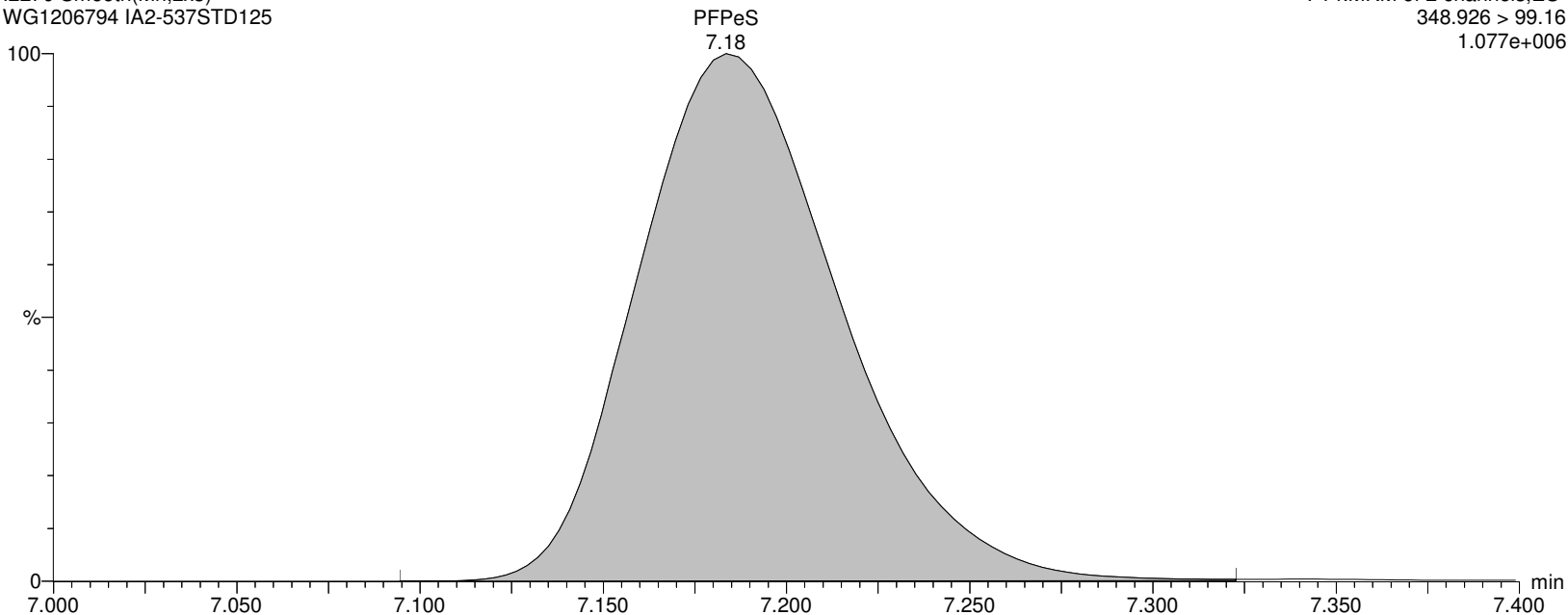
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F14:MRM of 2 channels,ES-

348.926 > 99.16

1.077e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpA

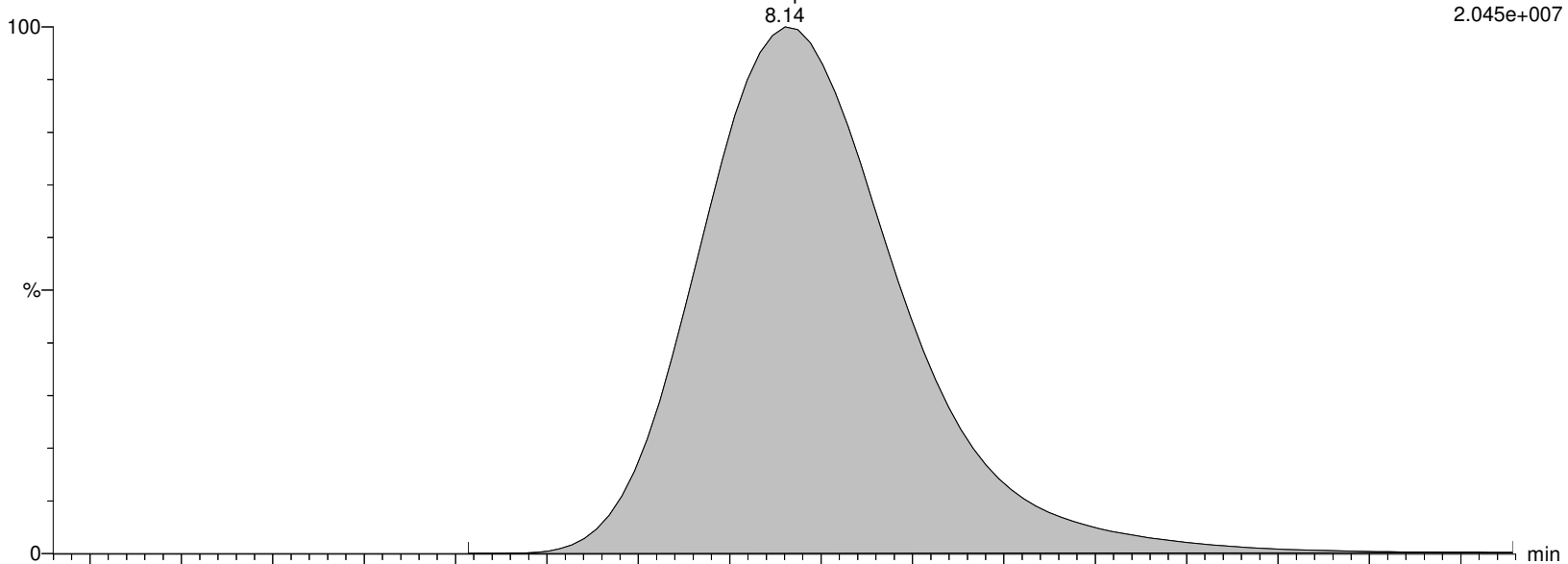
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F15:MRM of 2 channels,ES-

362.926 > 319.014

2.045e+007



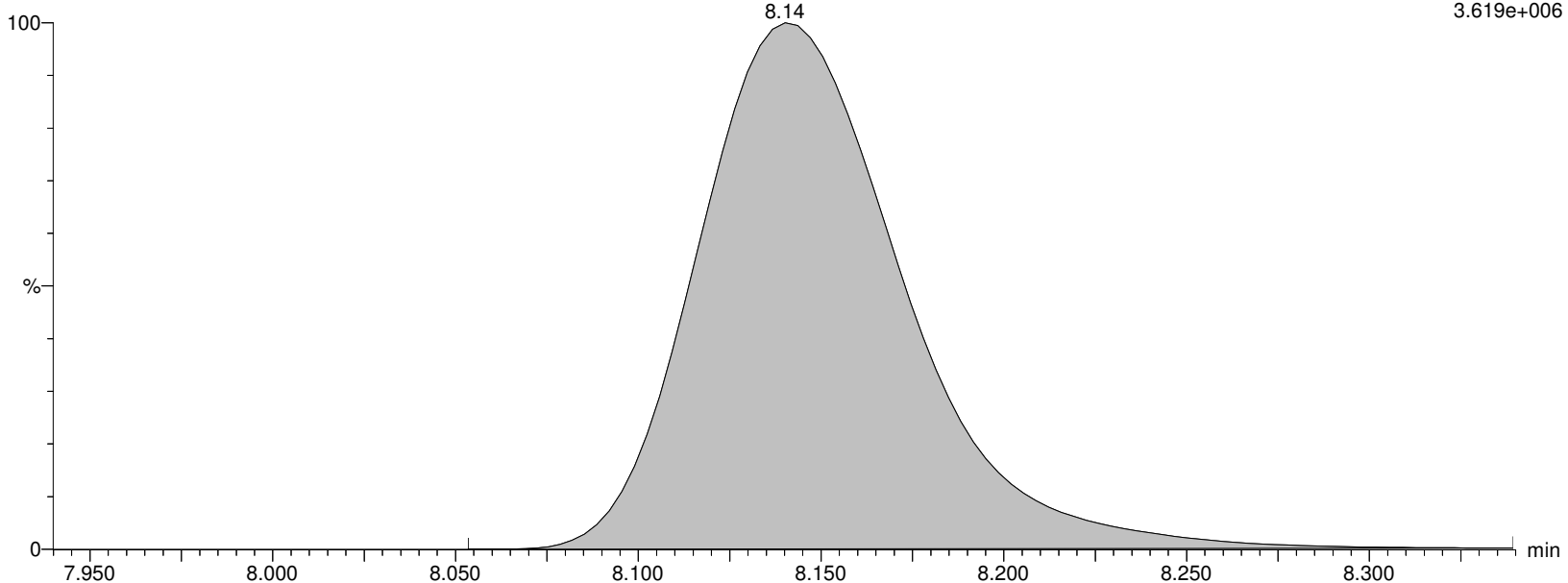
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F15:MRM of 2 channels,ES-

362.926 > 169.12

3.619e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFHpA

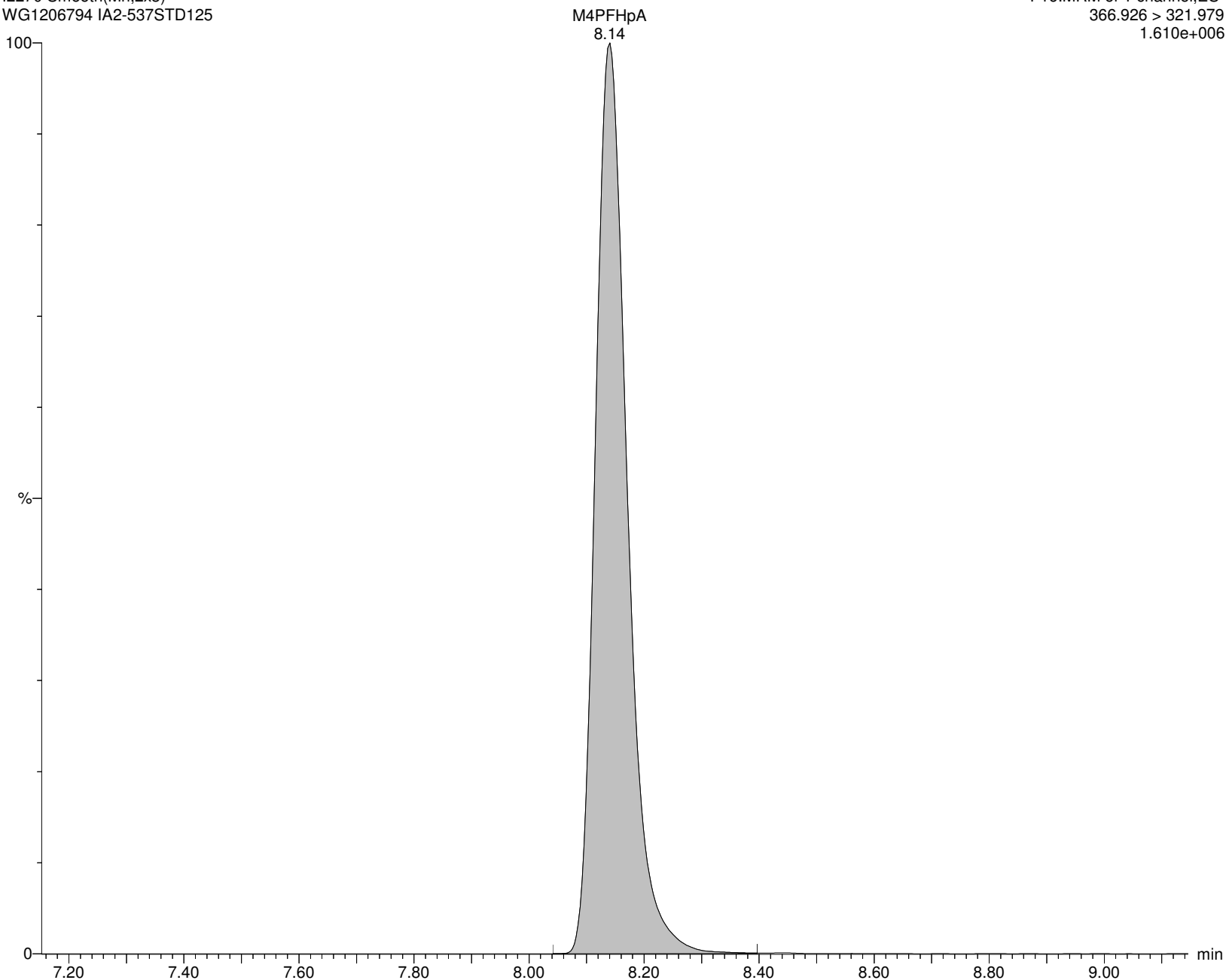
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F16:MRM of 1 channel,ES-

366.926 > 321.979

1.610e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFHxS

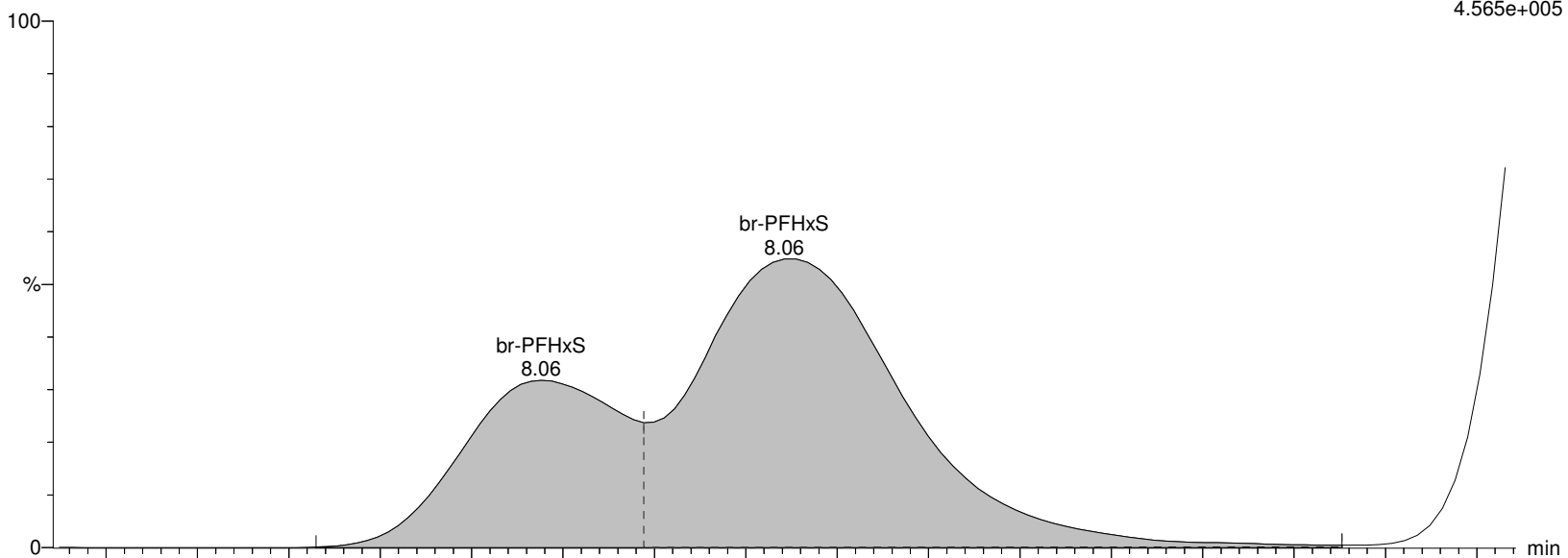
I2270 Smooth(Mn,3x2)

WG1206794 IA2-537STD125

F18:MRM of 2 channels,ES-

398.926 > 80.295

4.565e+005



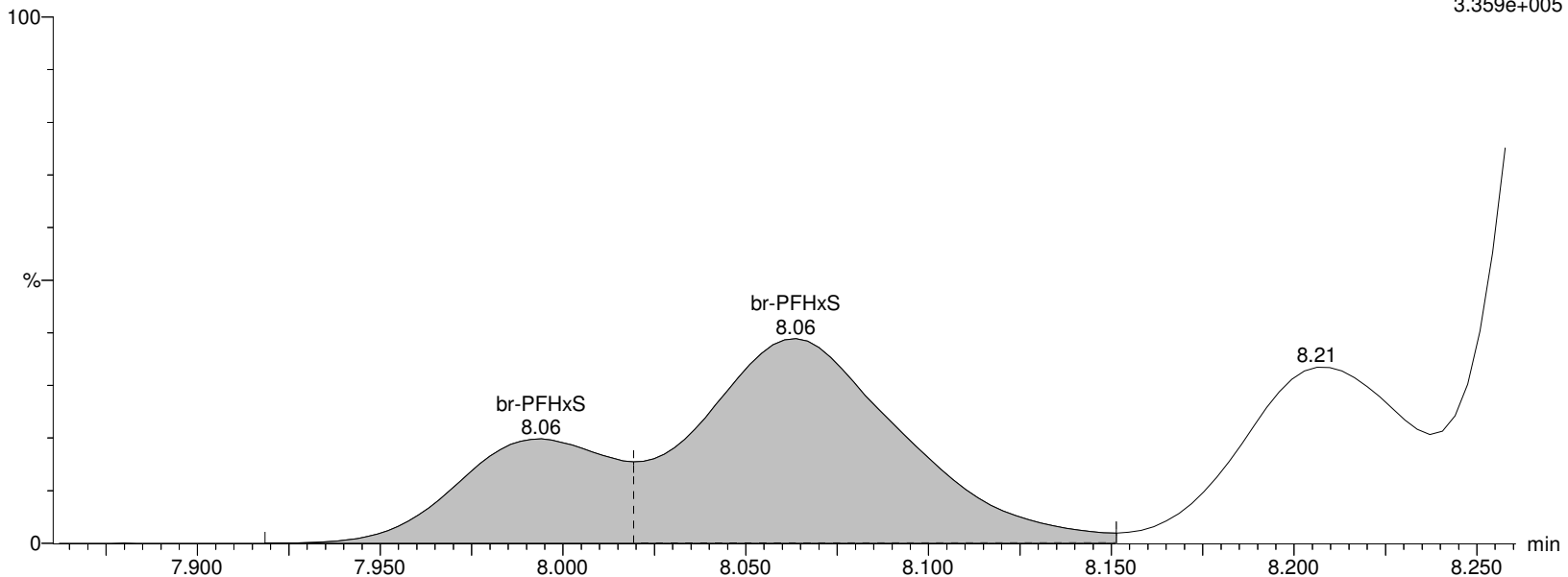
I2270 Smooth(Mn,3x2)

WG1206794 IA2-537STD125

F18:MRM of 2 channels,ES-

398.926 > 99.2

3.359e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFHxS

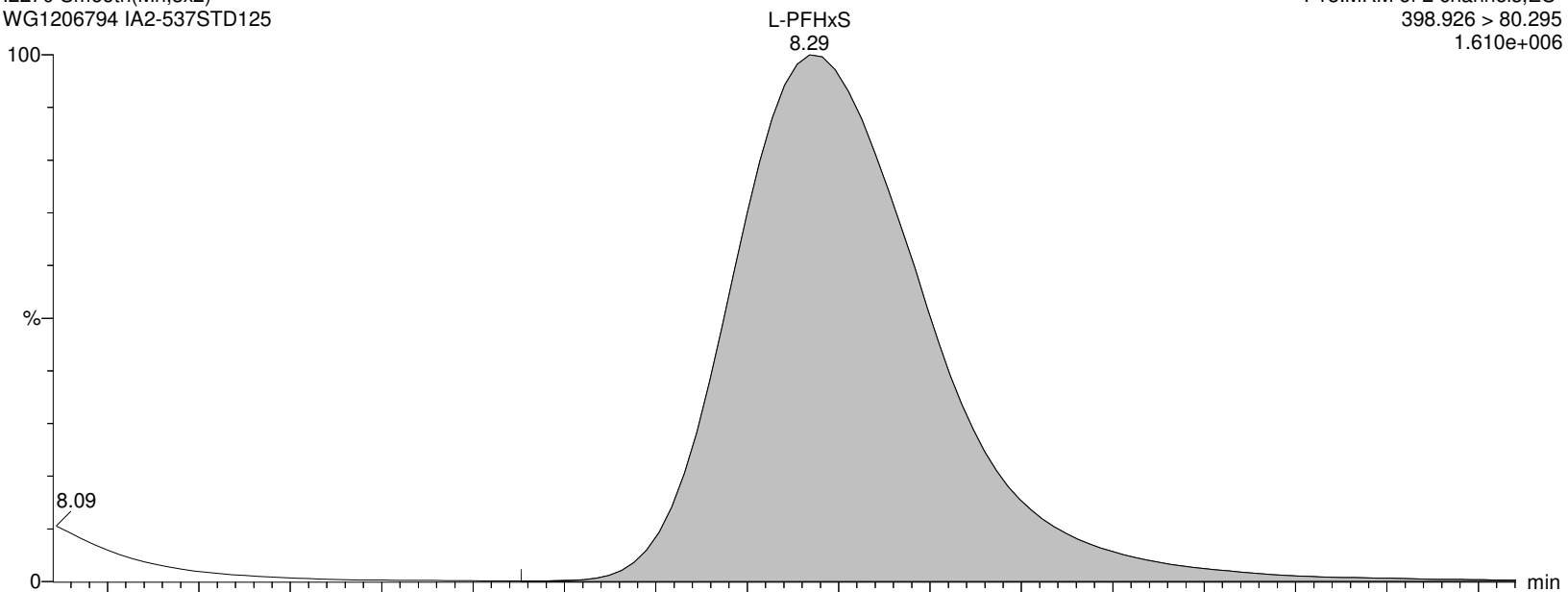
I2270 Smooth(Mn,3x2)

WG1206794 IA2-537STD125

F18:MRM of 2 channels,ES-

398.926 > 80.295

1.610e+006



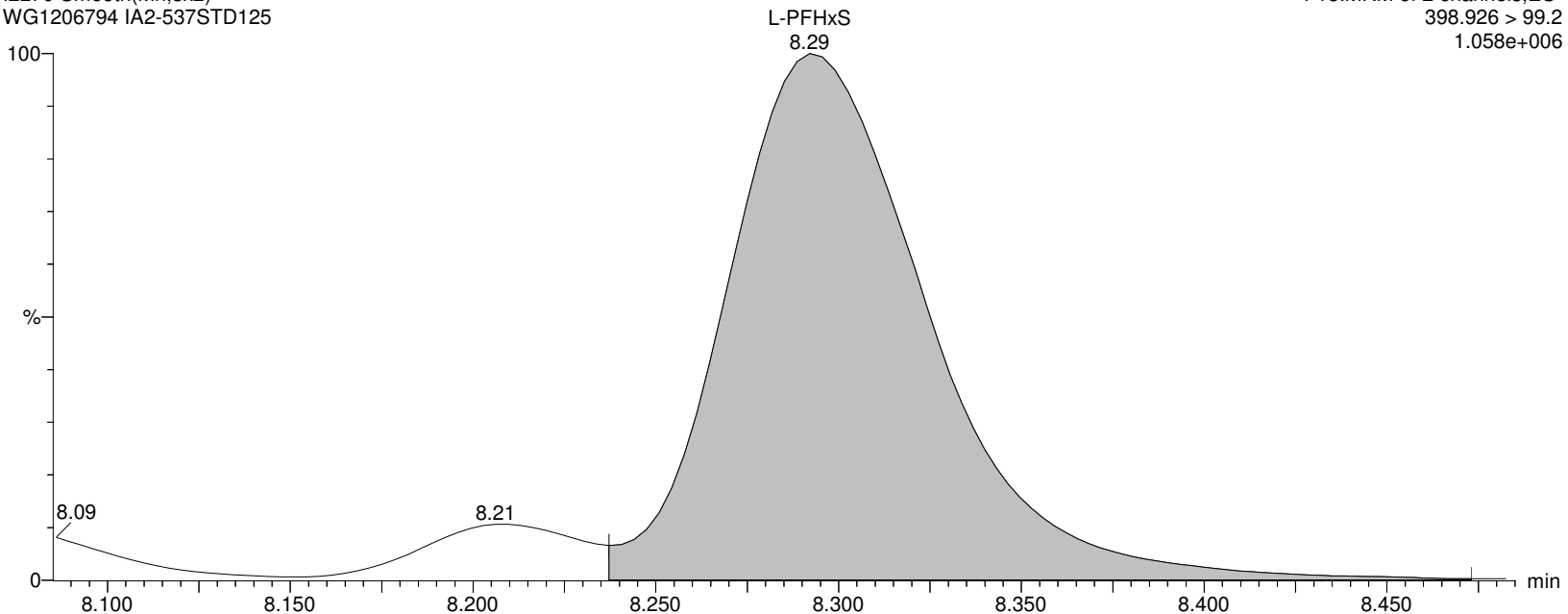
I2270 Smooth(Mn,3x2)

WG1206794 IA2-537STD125

F18:MRM of 2 channels,ES-

398.926 > 99.2

1.058e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxS

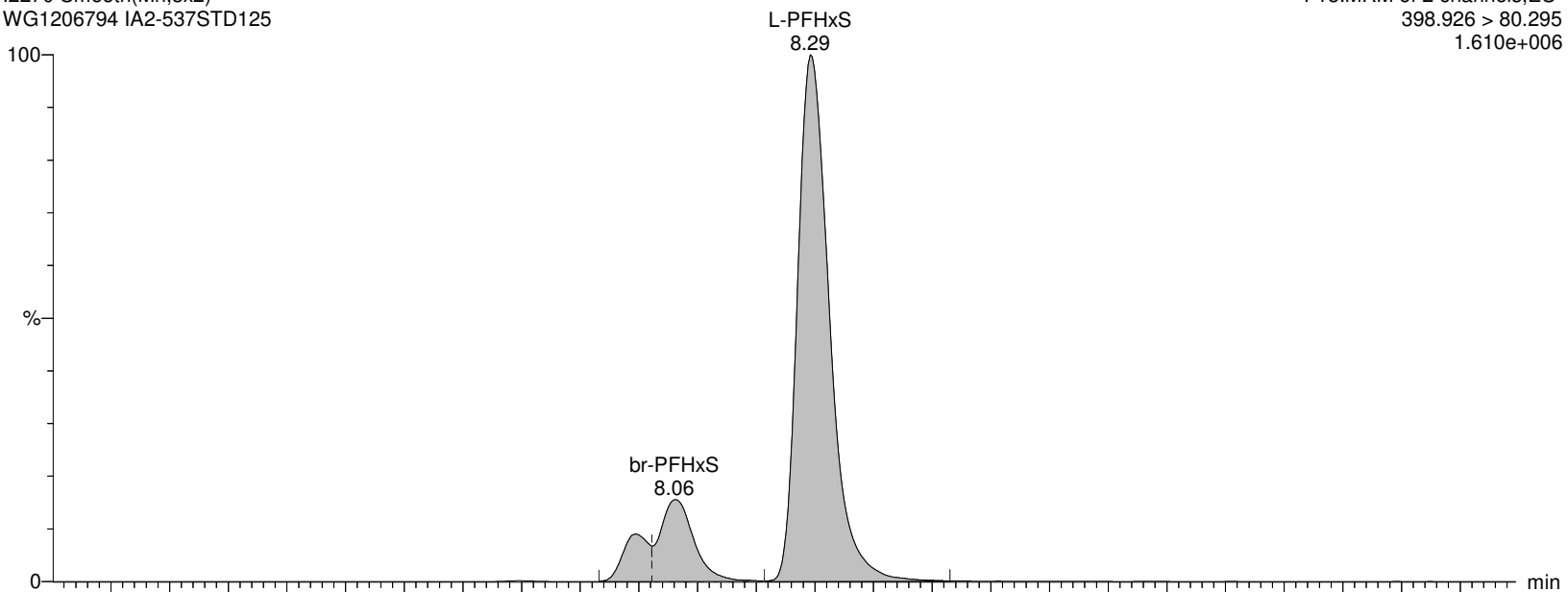
I2270 Smooth(Mn,3x2)

WG1206794 IA2-537STD125

F18:MRM of 2 channels,ES-

398.926 > 80.295

1.610e+006



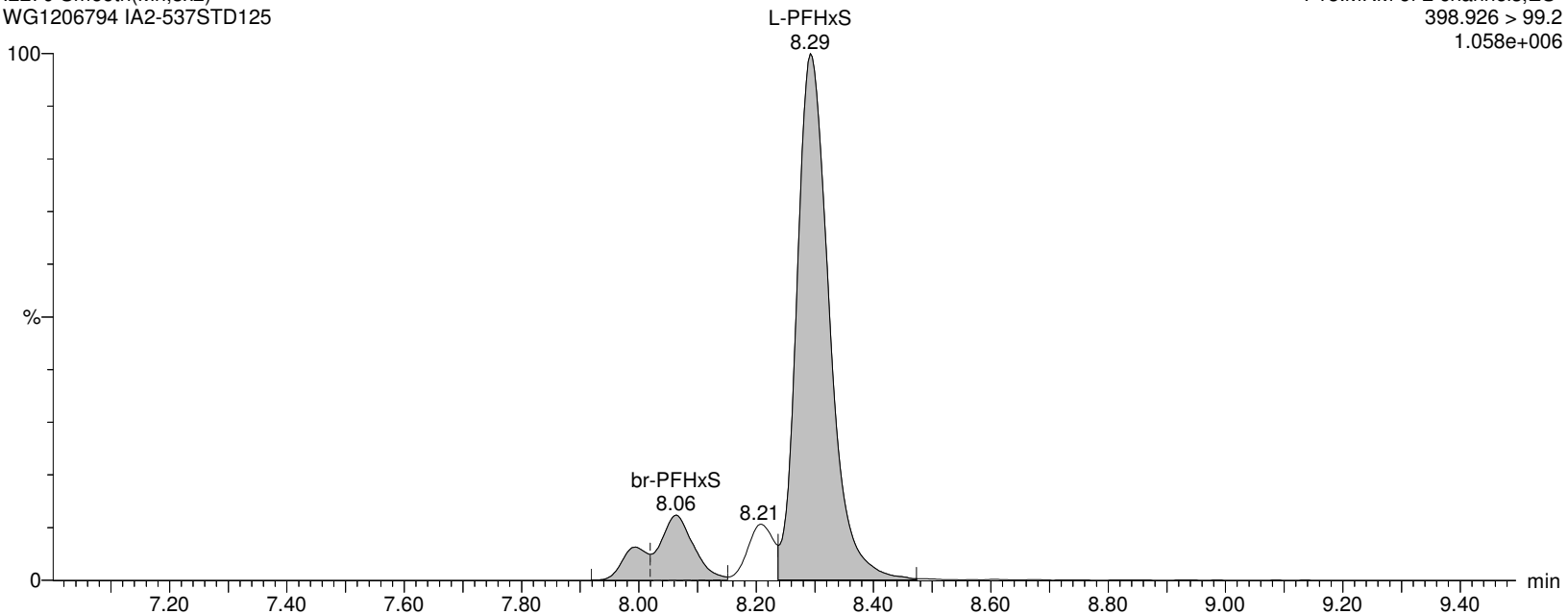
I2270 Smooth(Mn,3x2)

WG1206794 IA2-537STD125

F18:MRM of 2 channels,ES-

398.926 > 99.2

1.058e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFHxS

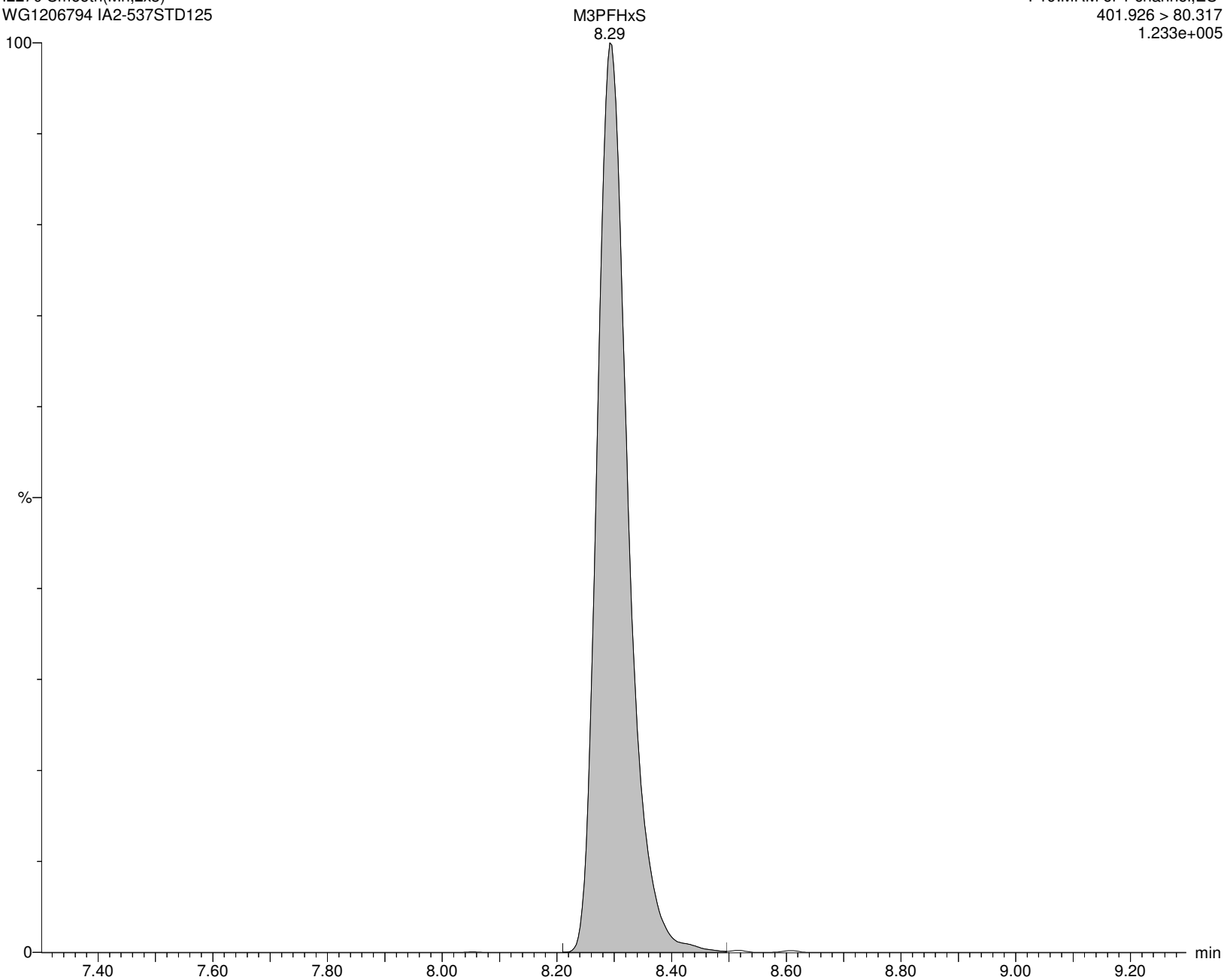
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F19:MRM of 1 channel,ES-

401.926 > 80.317

1.233e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOA

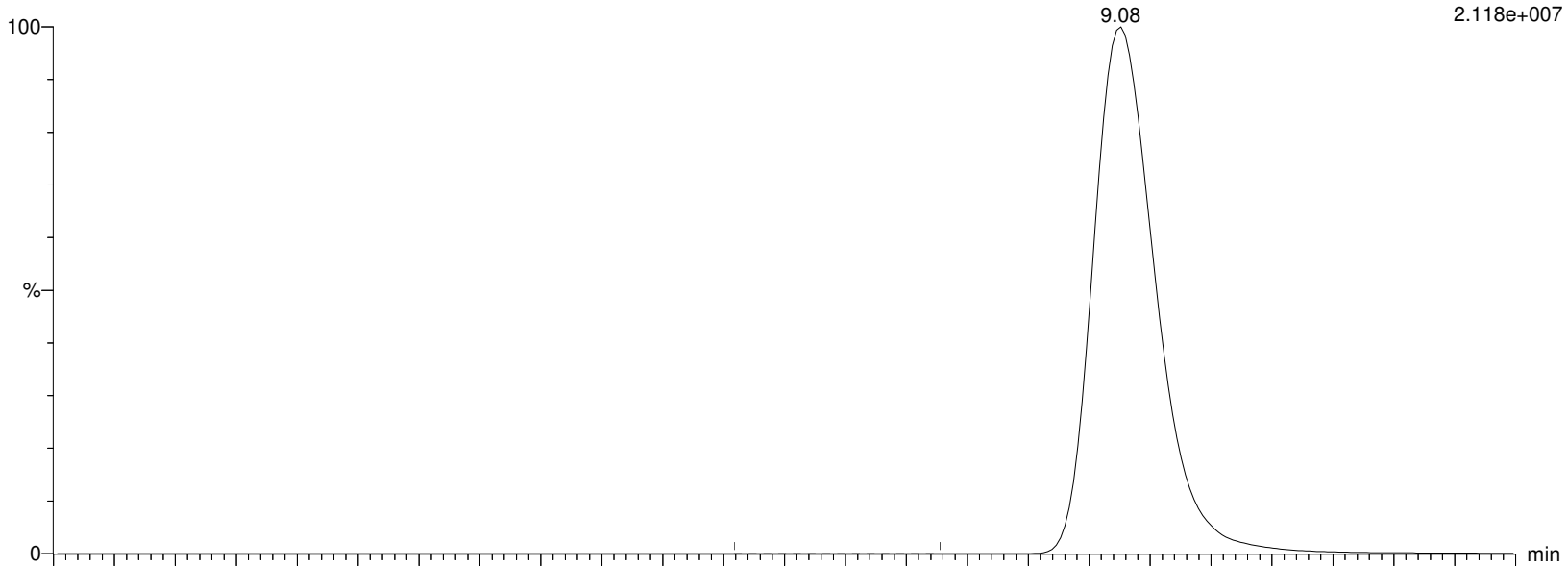
I2270 Smooth(Mn,2x2)

WG1206794 IA2-537STD125

F20:MRM of 2 channels,ES-

412.989 > 368.9

2.118e+007



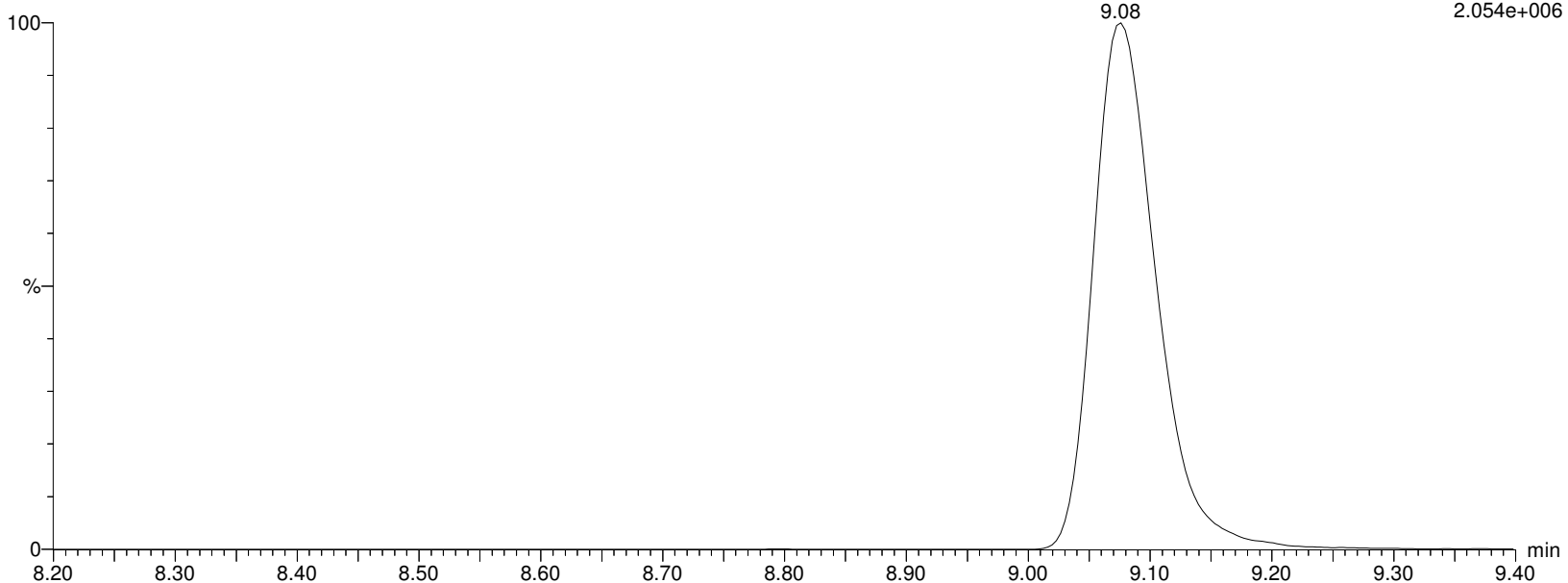
I2270 Smooth(Mn,2x2)

WG1206794 IA2-537STD125

F20:MRM of 2 channels,ES-

412.989 > 219.08

2.054e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOA

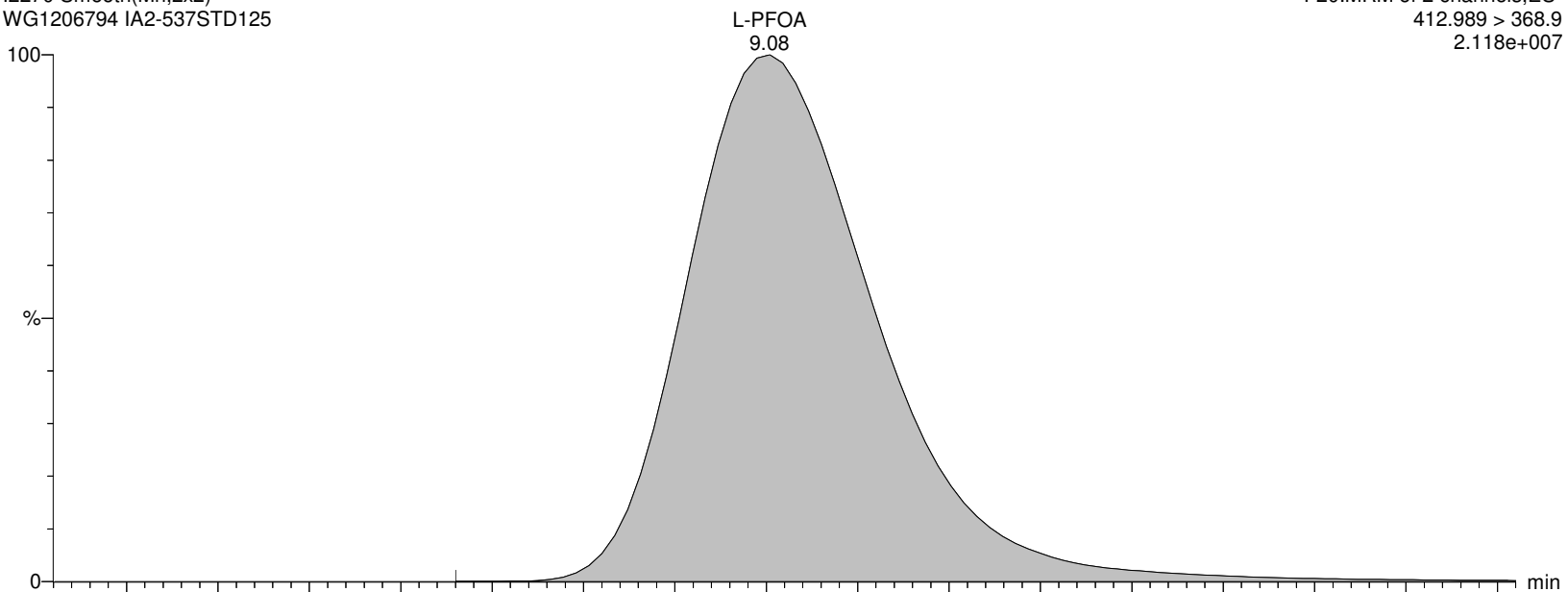
I2270 Smooth(Mn,2x2)

WG1206794 IA2-537STD125

F20:MRM of 2 channels,ES-

412.989 > 368.9

2.118e+007



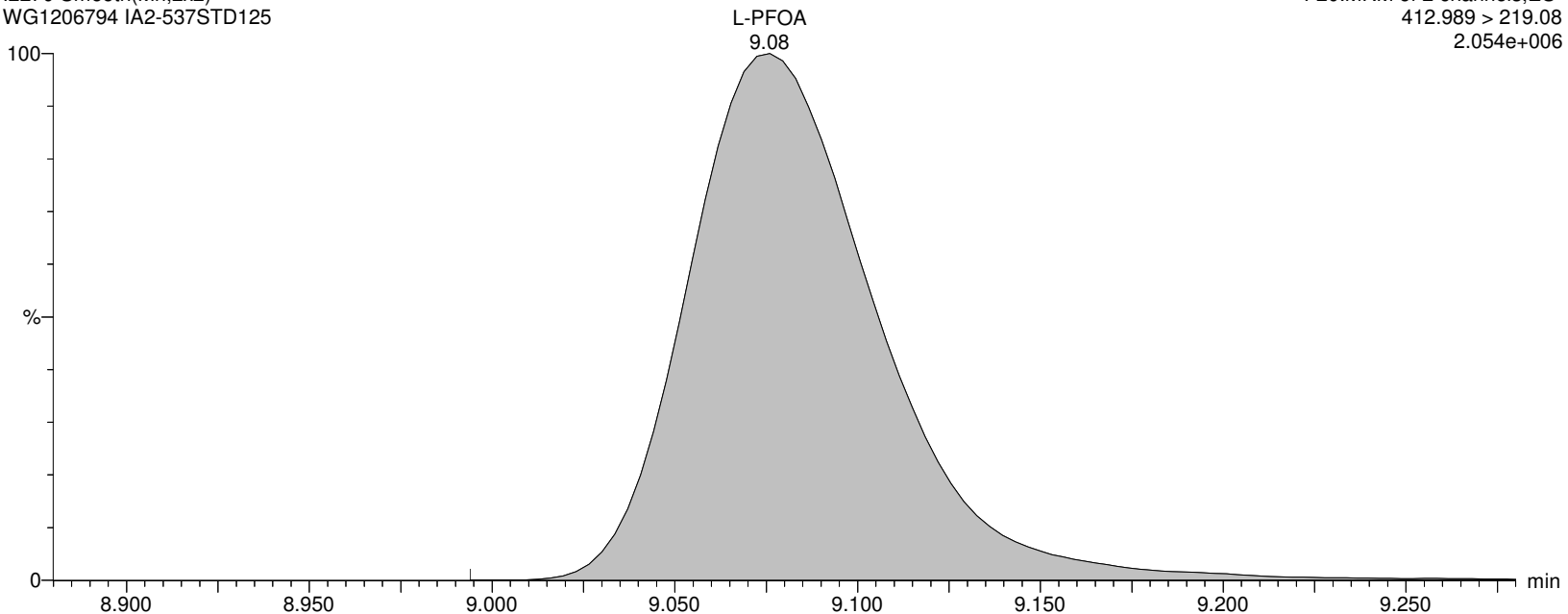
I2270 Smooth(Mn,2x2)

WG1206794 IA2-537STD125

F20:MRM of 2 channels,ES-

412.989 > 219.08

2.054e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFOA

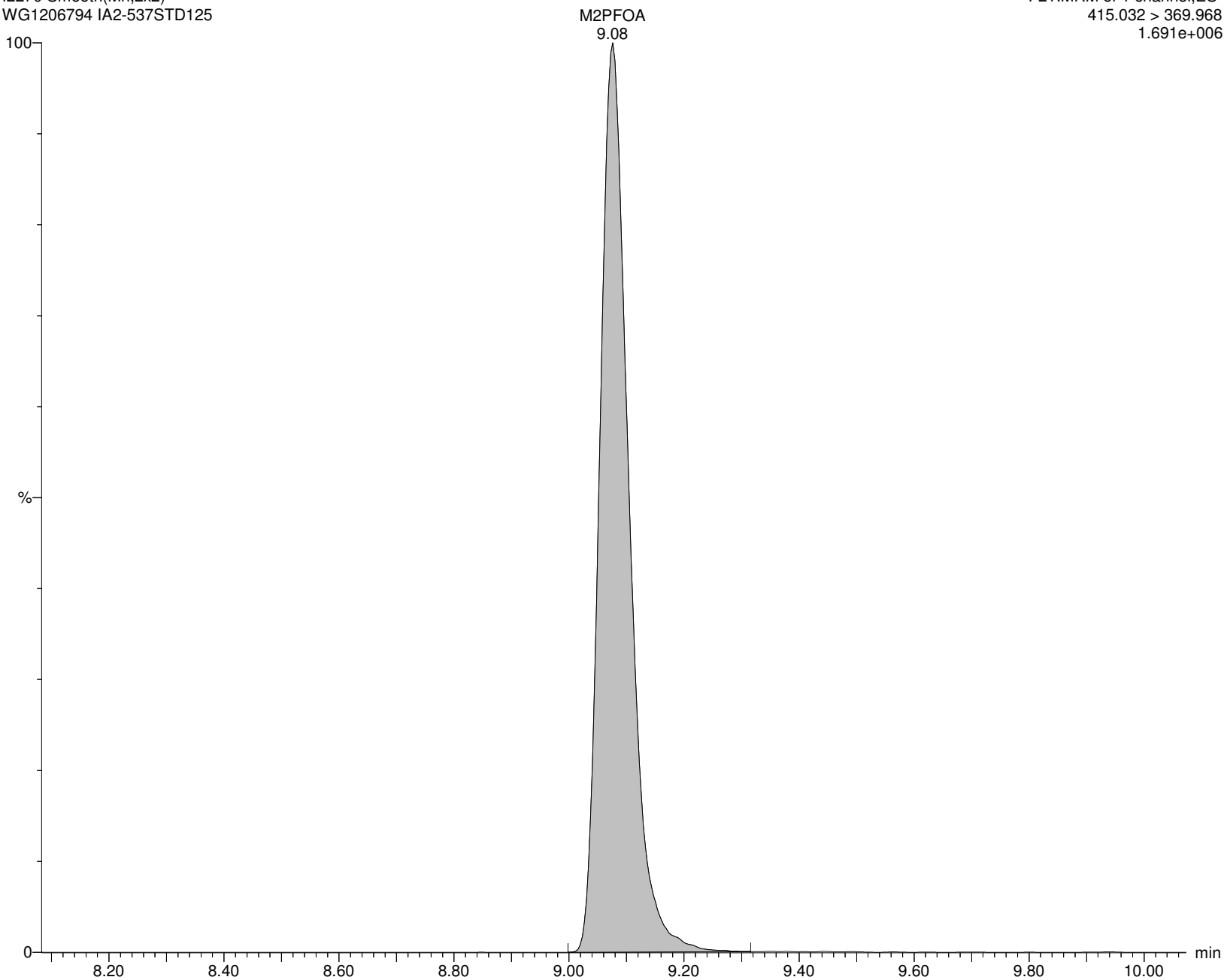
I2270 Smooth(Mn,2x2)

WG1206794 IA2-537STD125

F21:MRM of 1 channel,ES-

415.032 > 369.968

1.691e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOA

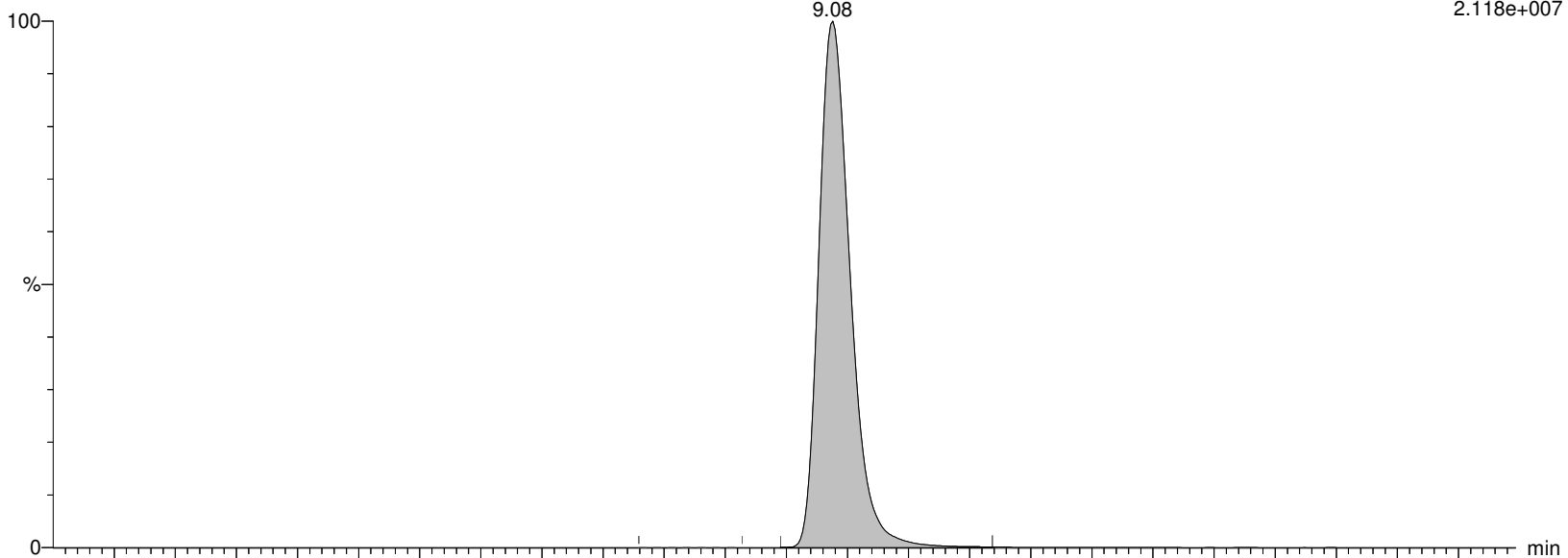
I2270 Smooth(Mn,2x2)

WG1206794 IA2-537STD125

F20:MRM of 2 channels,ES-

412.989 > 368.9

2.118e+007



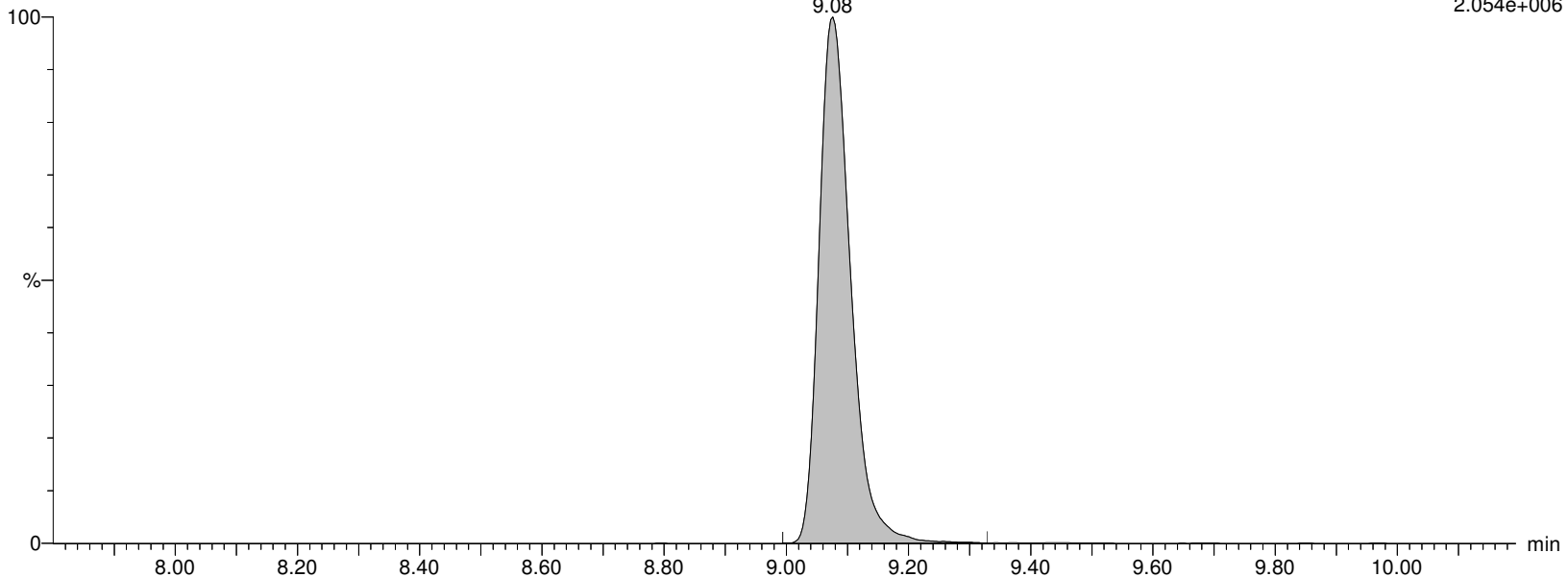
I2270 Smooth(Mn,2x2)

WG1206794 IA2-537STD125

F20:MRM of 2 channels,ES-

412.989 > 219.08

2.054e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOA

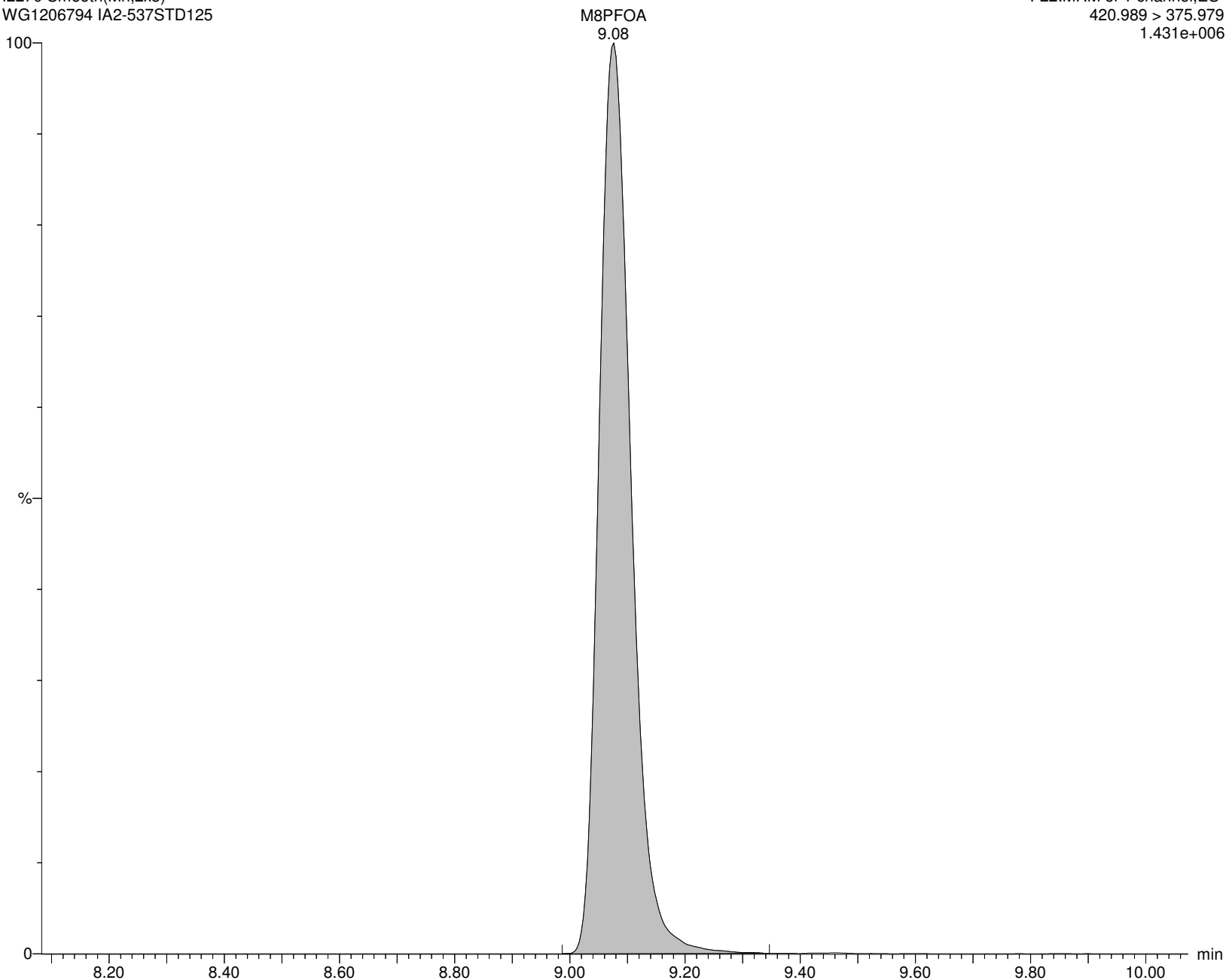
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F22:MRM of 1 channel,ES-

420.989 > 375.979

1.431e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

6:2FTS

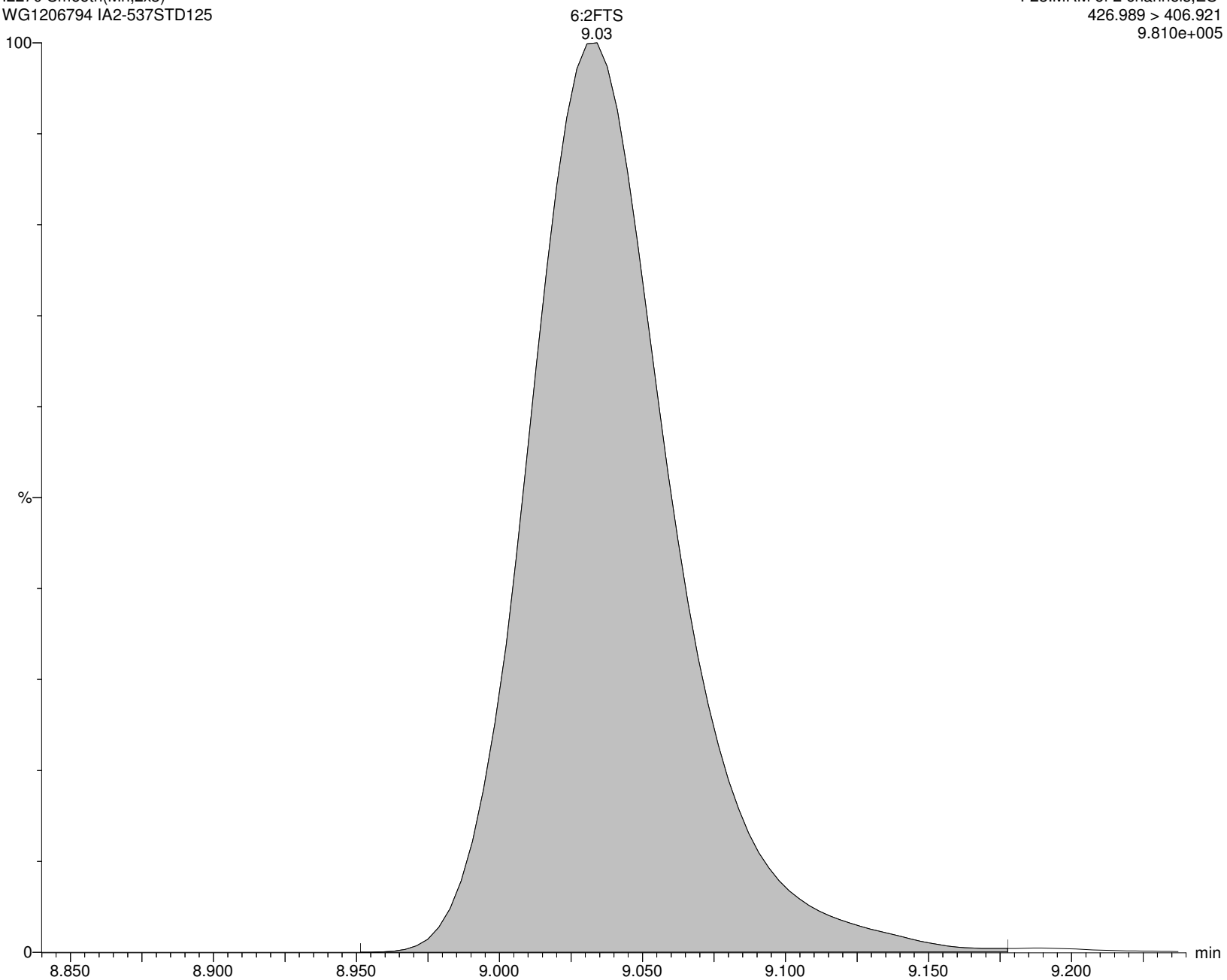
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F23:MRM of 2 channels,ES-

426.989 > 406.921

9.810e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-6:2FTS

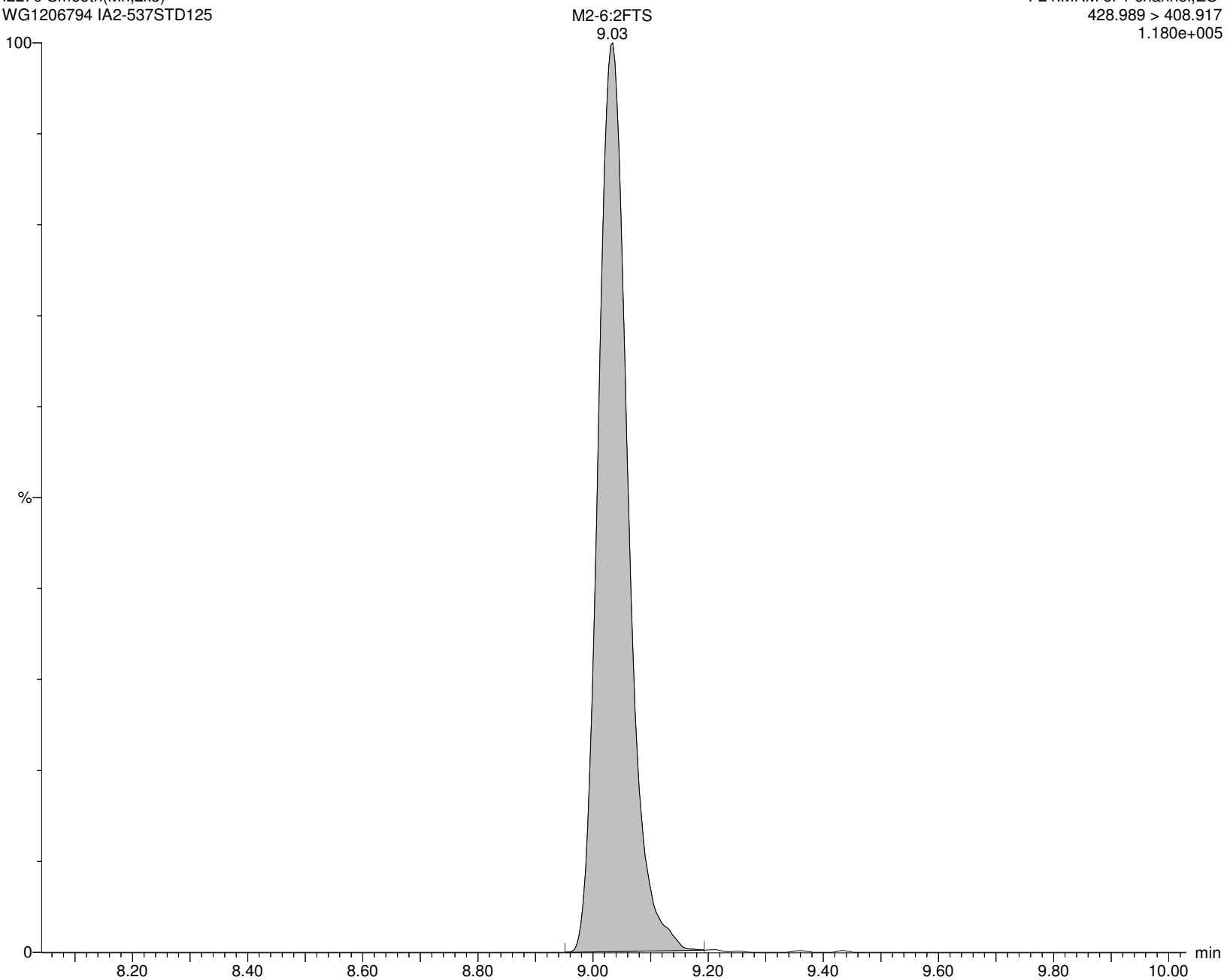
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F24:MRM of 1 channel,ES-

428.989 > 408.917

1.180e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpS

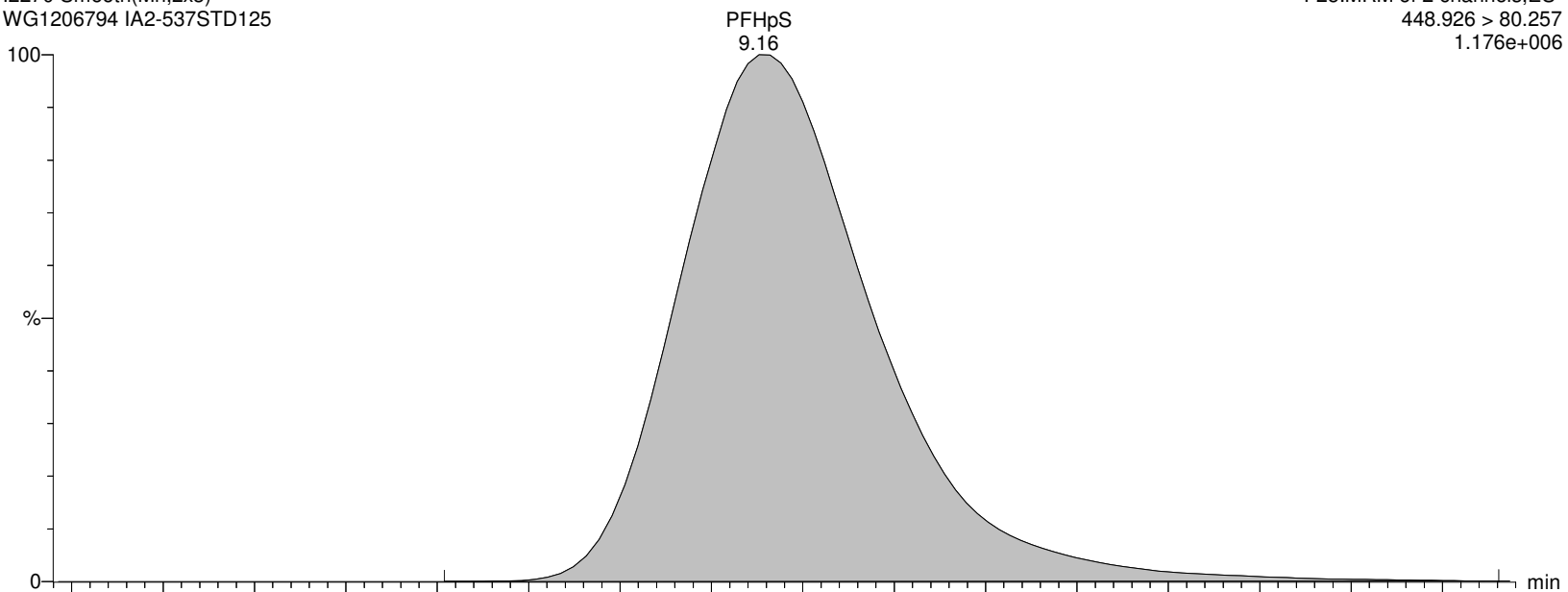
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F25:MRM of 2 channels,ES-

448.926 > 80.257

1.176e+006



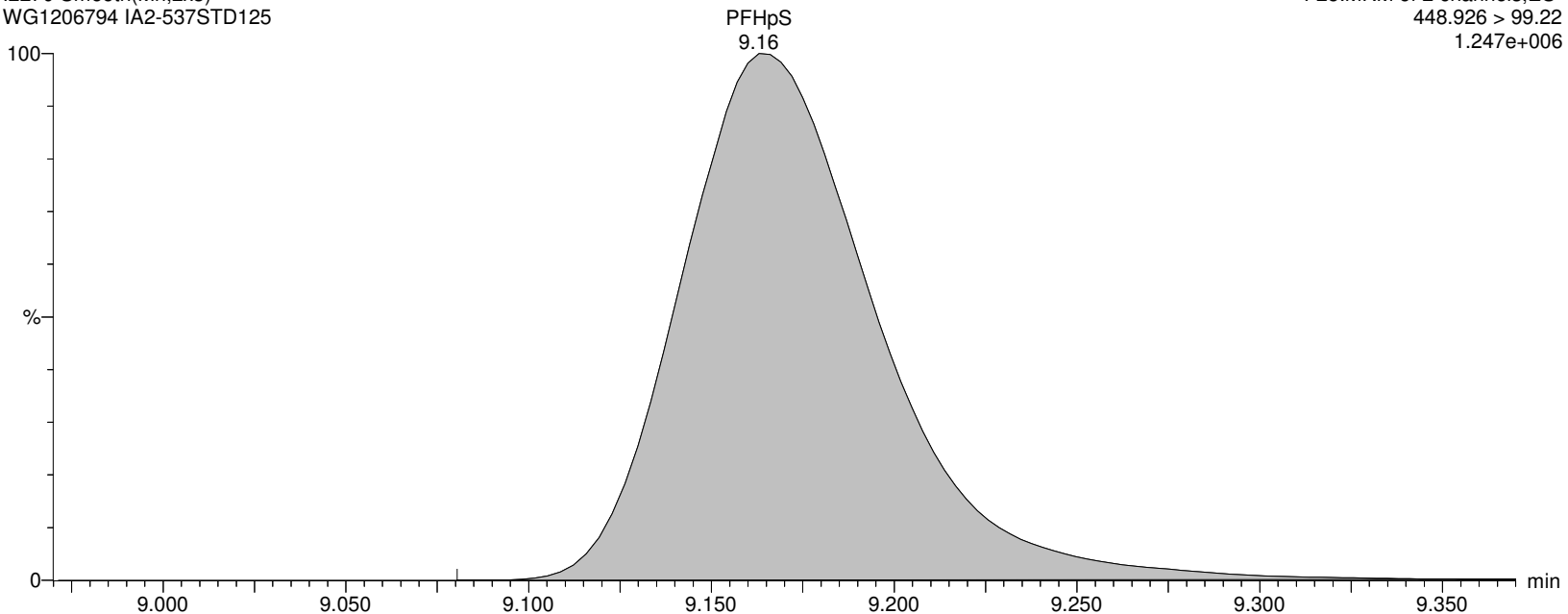
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F25:MRM of 2 channels,ES-

448.926 > 99.22

1.247e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNA

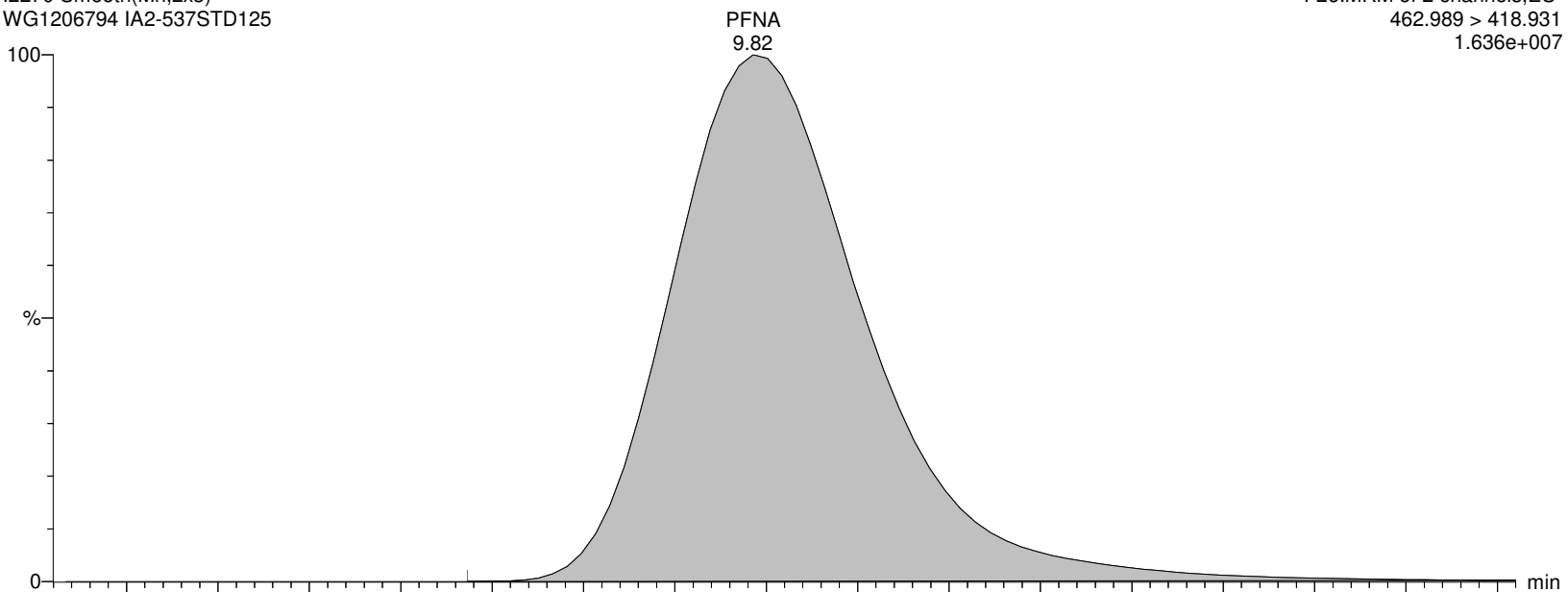
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F26:MRM of 2 channels,ES-

462.989 > 418.931

1.636e+007



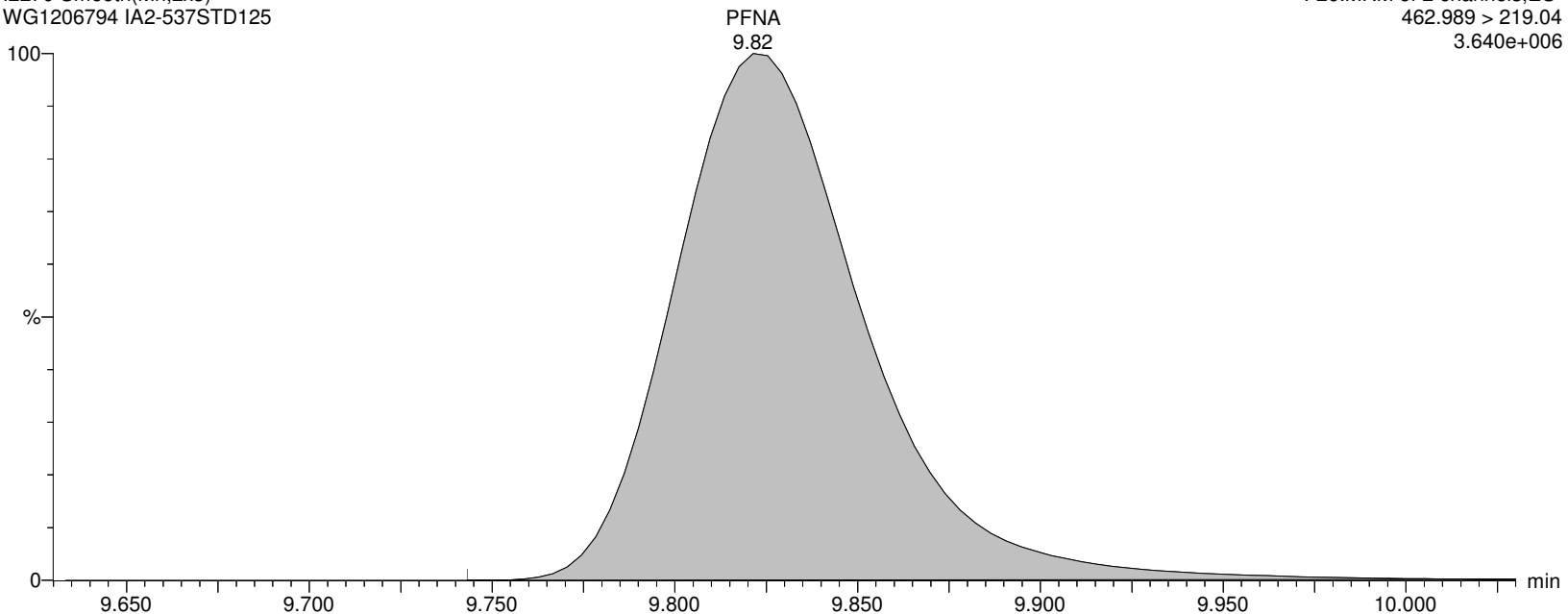
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F26:MRM of 2 channels,ES-

462.989 > 219.04

3.640e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M9PFNA

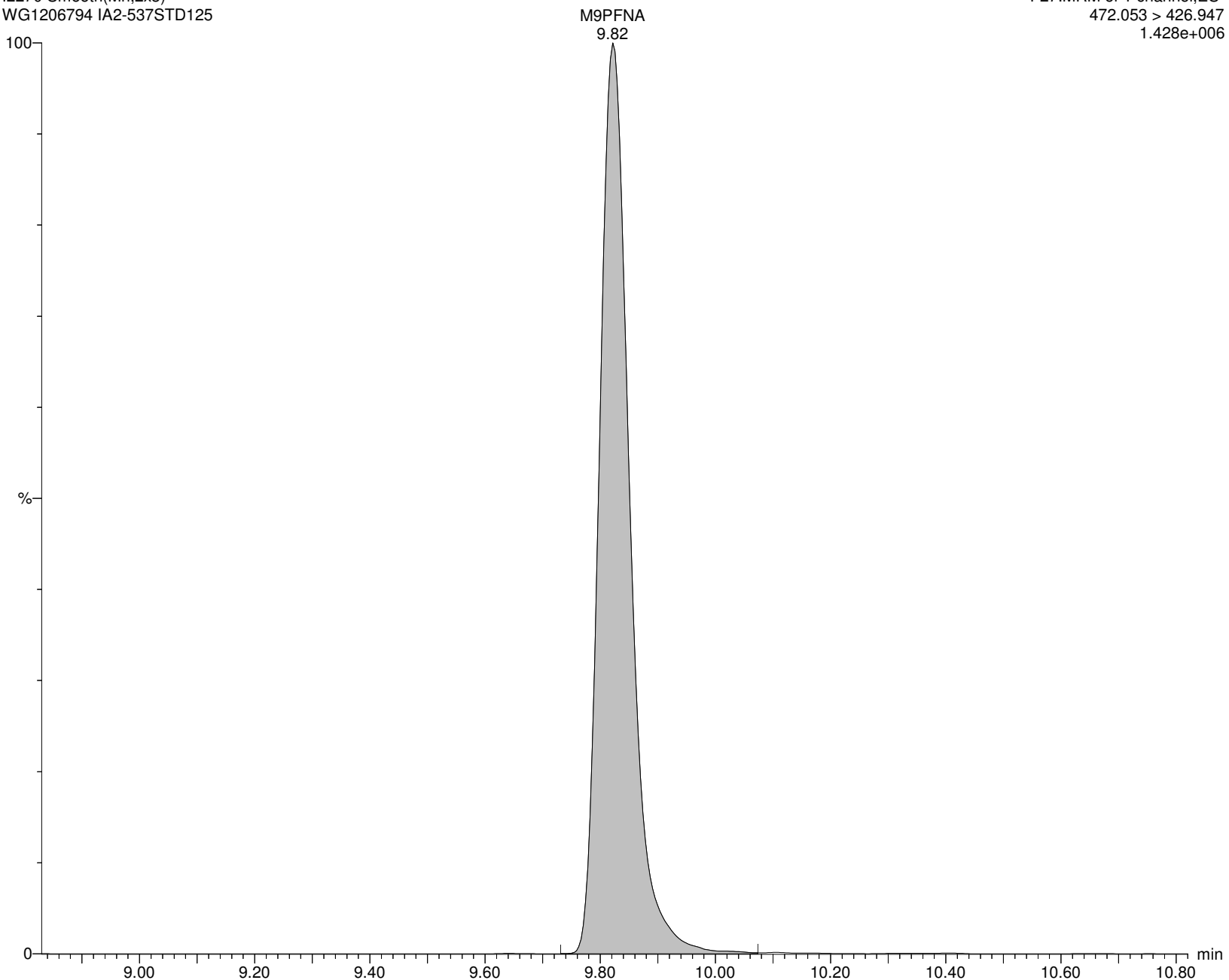
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F27:MRM of 1 channel,ES-

472.053 > 426.947

1.428e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

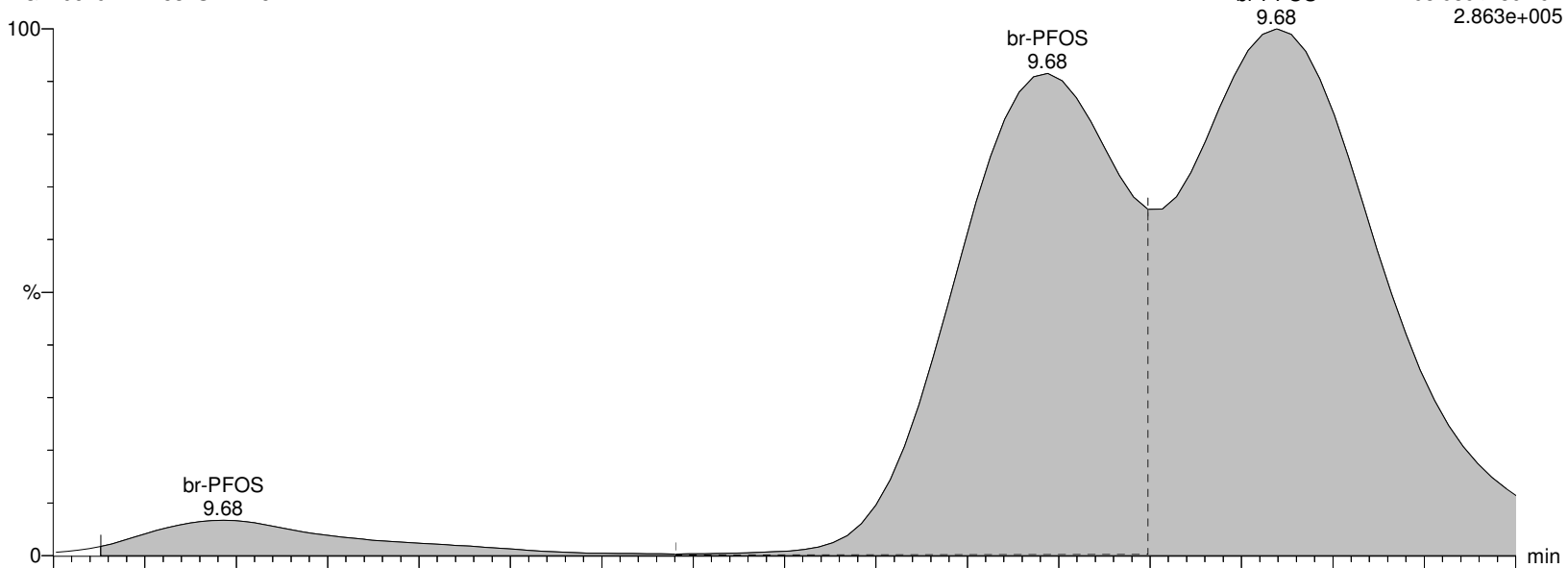
Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOS

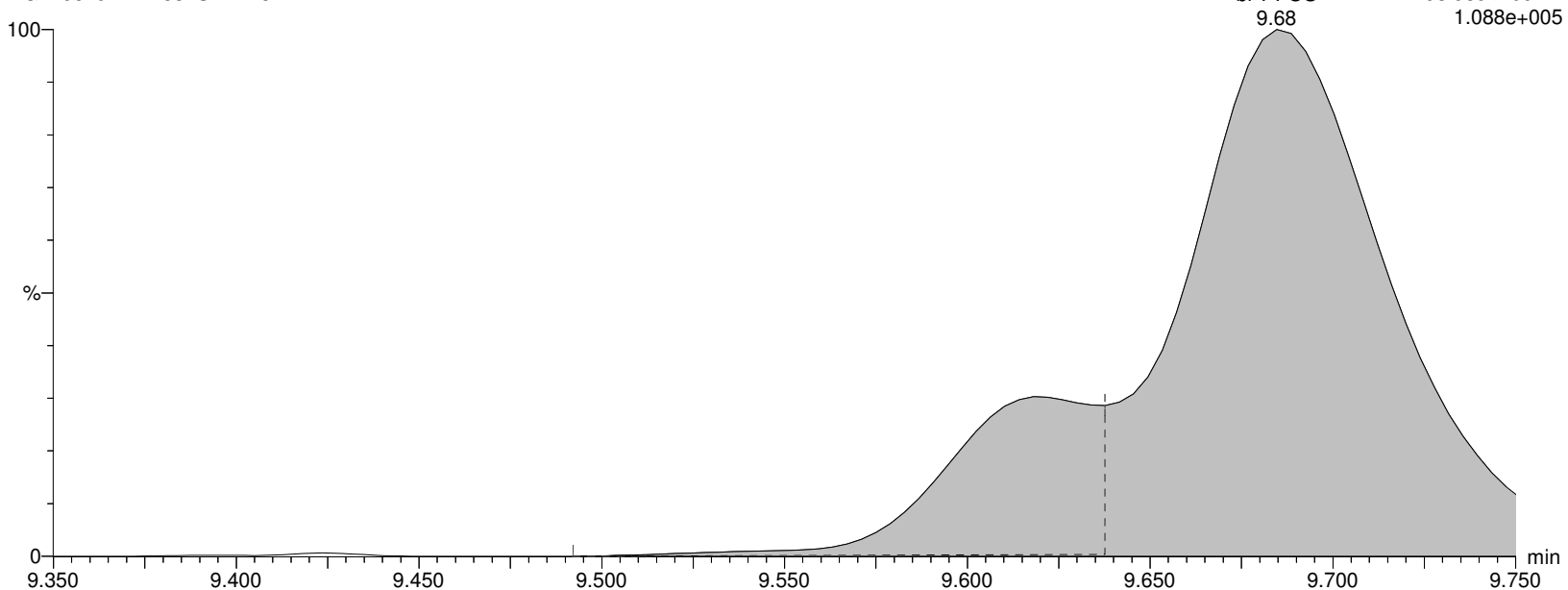
I2270 Smooth(Mn,3x2)

WG1206794 IA2-537STD125



I2270 Smooth(Mn,3x2)

WG1206794 IA2-537STD125



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOS

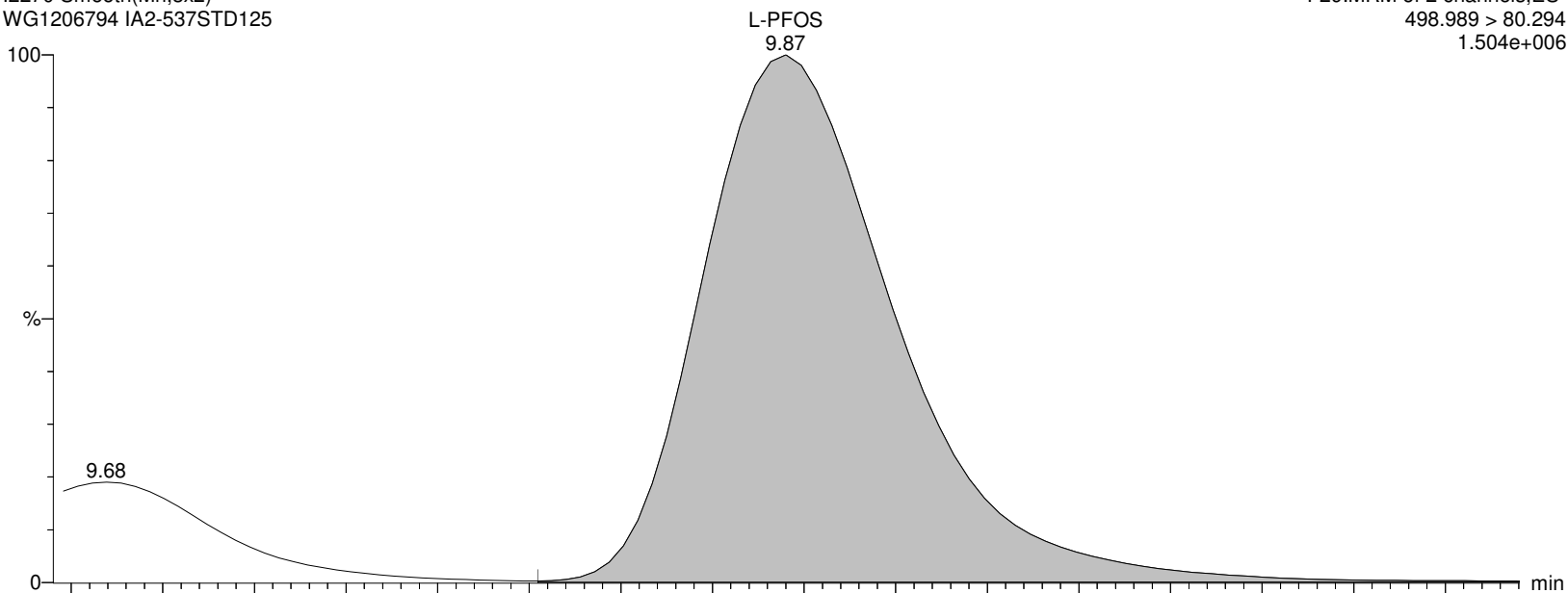
I2270 Smooth(Mn,3x2)

WG1206794 IA2-537STD125

F29:MRM of 2 channels,ES-

498.989 > 80.294

1.504e+006



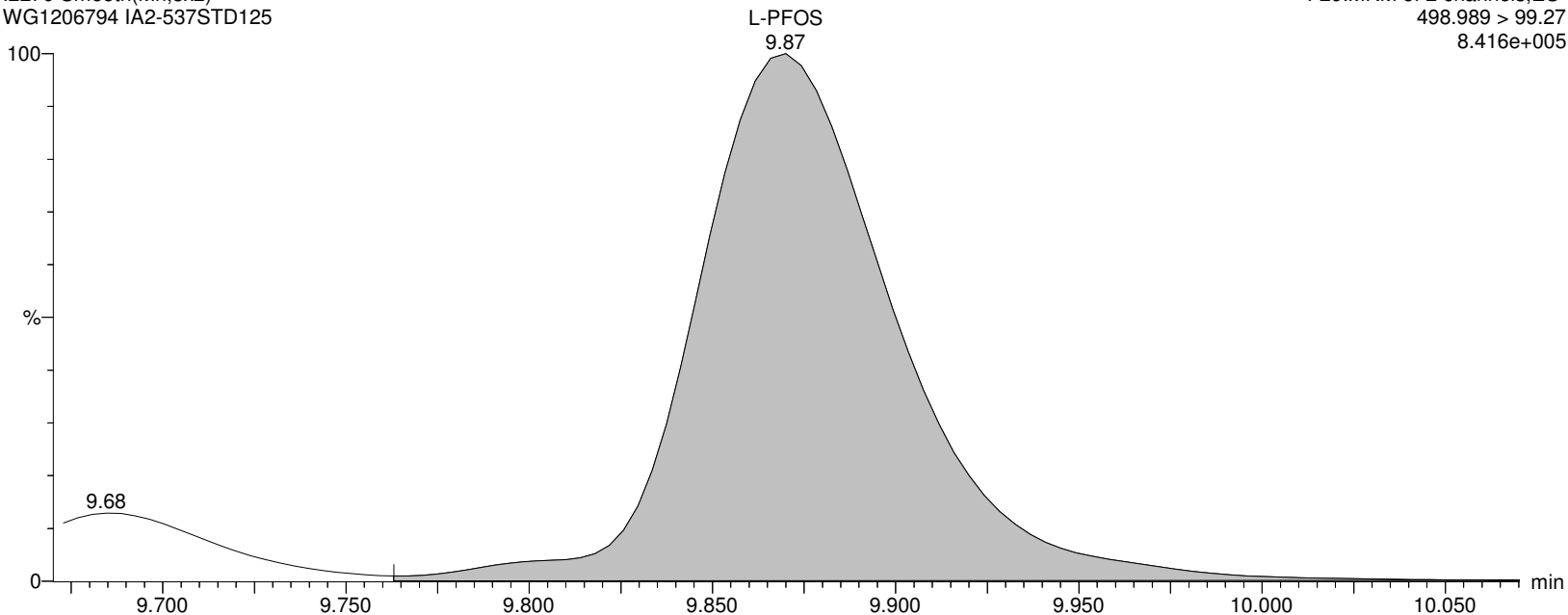
I2270 Smooth(Mn,3x2)

WG1206794 IA2-537STD125

F29:MRM of 2 channels,ES-

498.989 > 99.27

8.416e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOS

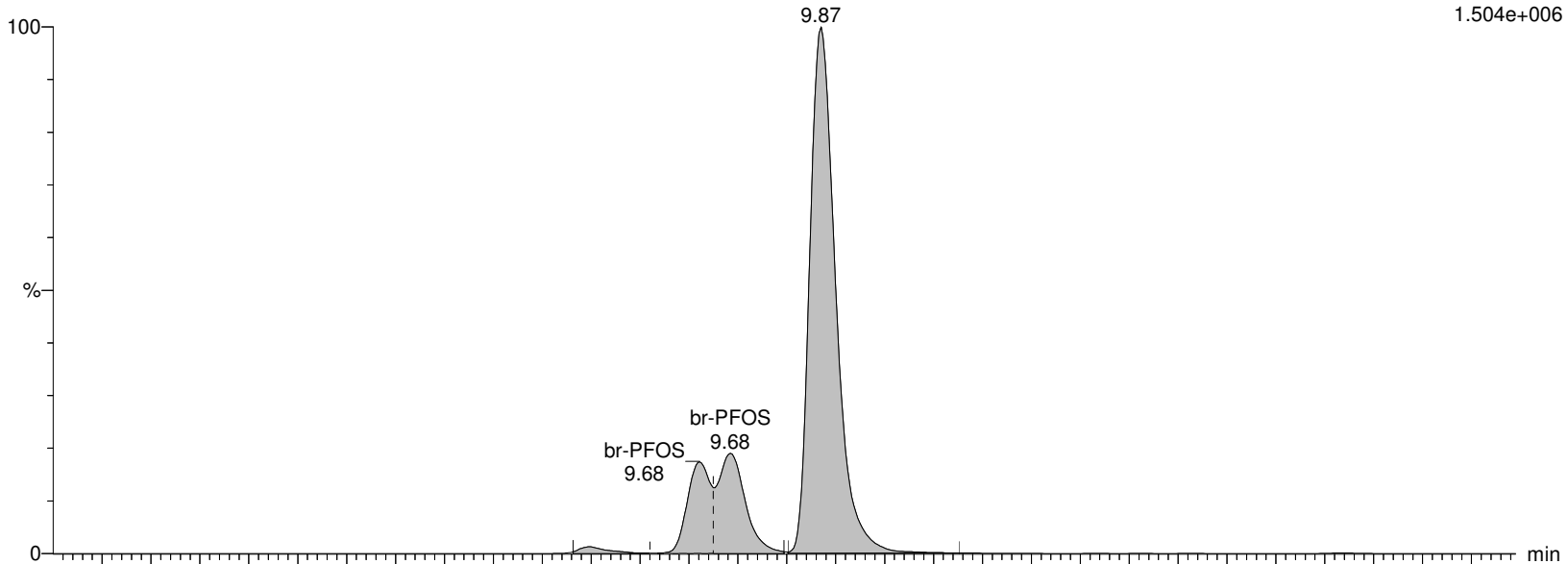
I2270 Smooth(Mn,3x2)

WG1206794 IA2-537STD125

F29:MRM of 2 channels,ES-

498.989 > 80.294

1.504e+006



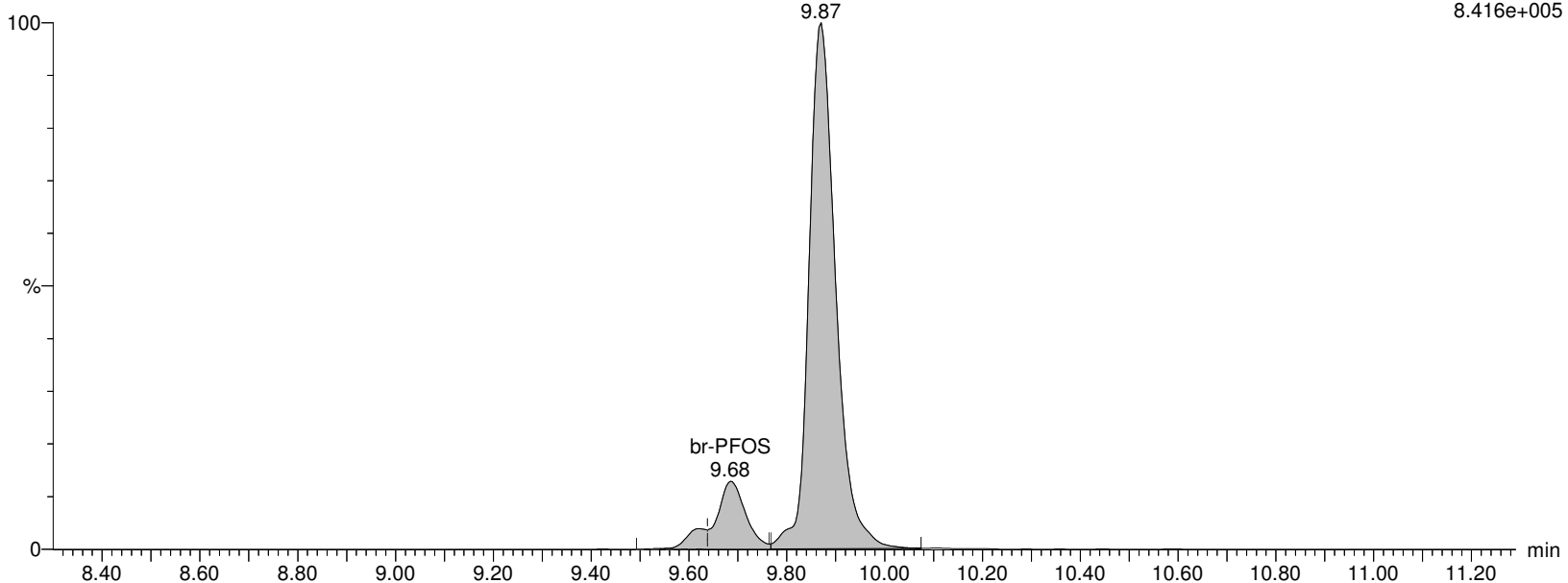
I2270 Smooth(Mn,3x2)

WG1206794 IA2-537STD125

F29:MRM of 2 channels,ES-

498.989 > 99.27

8.416e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFOS

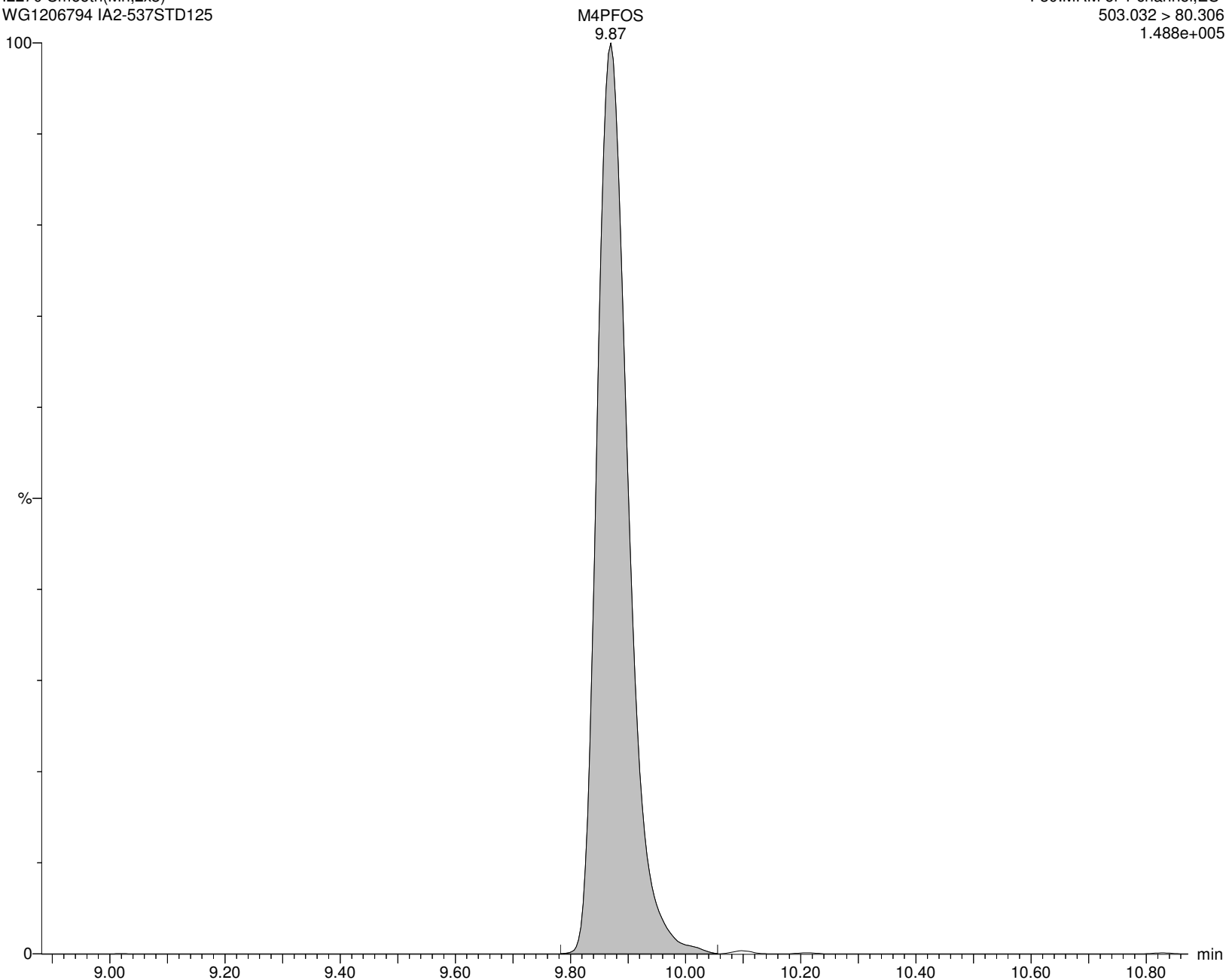
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F30:MRM of 1 channel,ES-

503.032 > 80.306

1.488e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOS

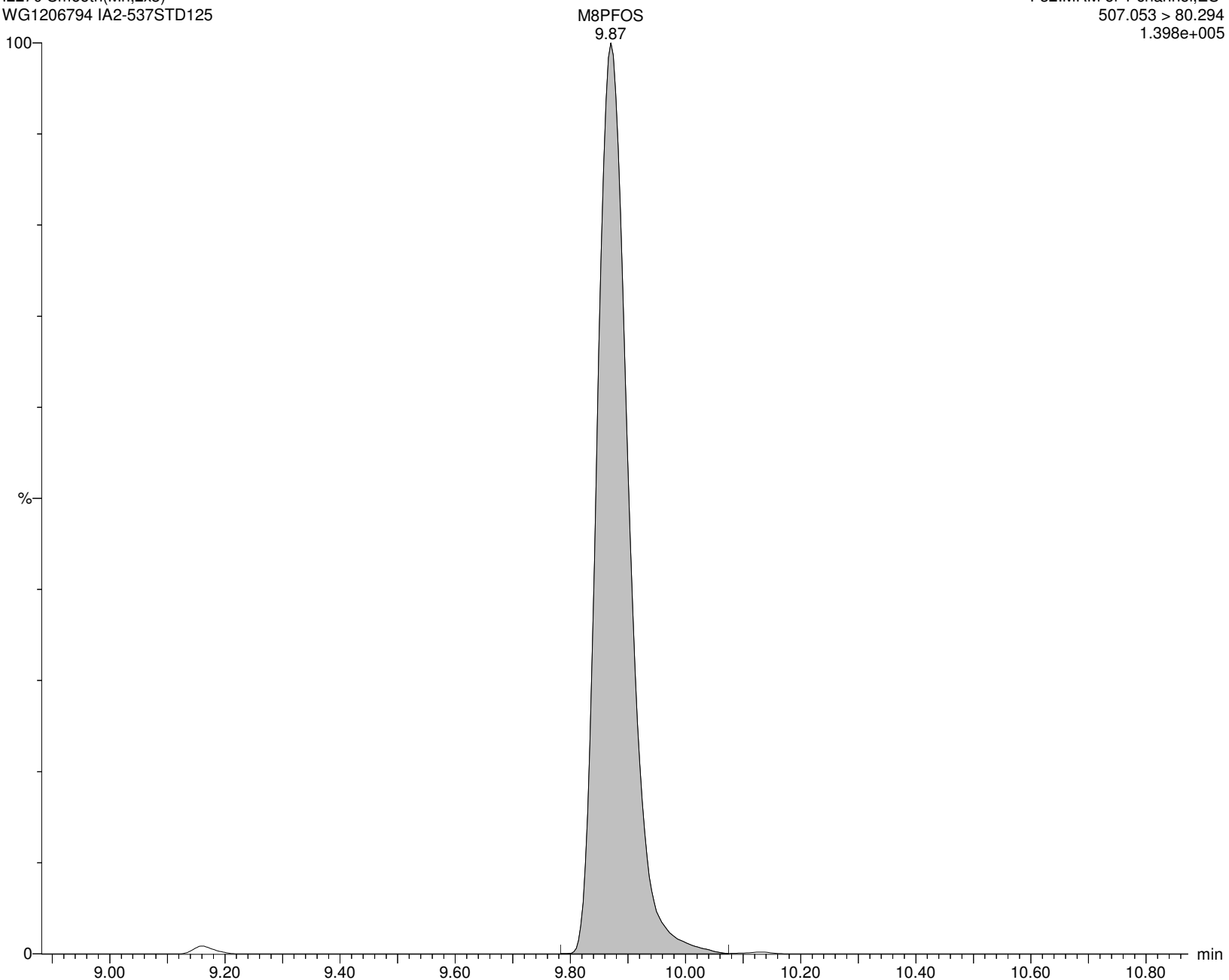
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F32:MRM of 1 channel,ES-

507.053 > 80.294

1.398e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDA

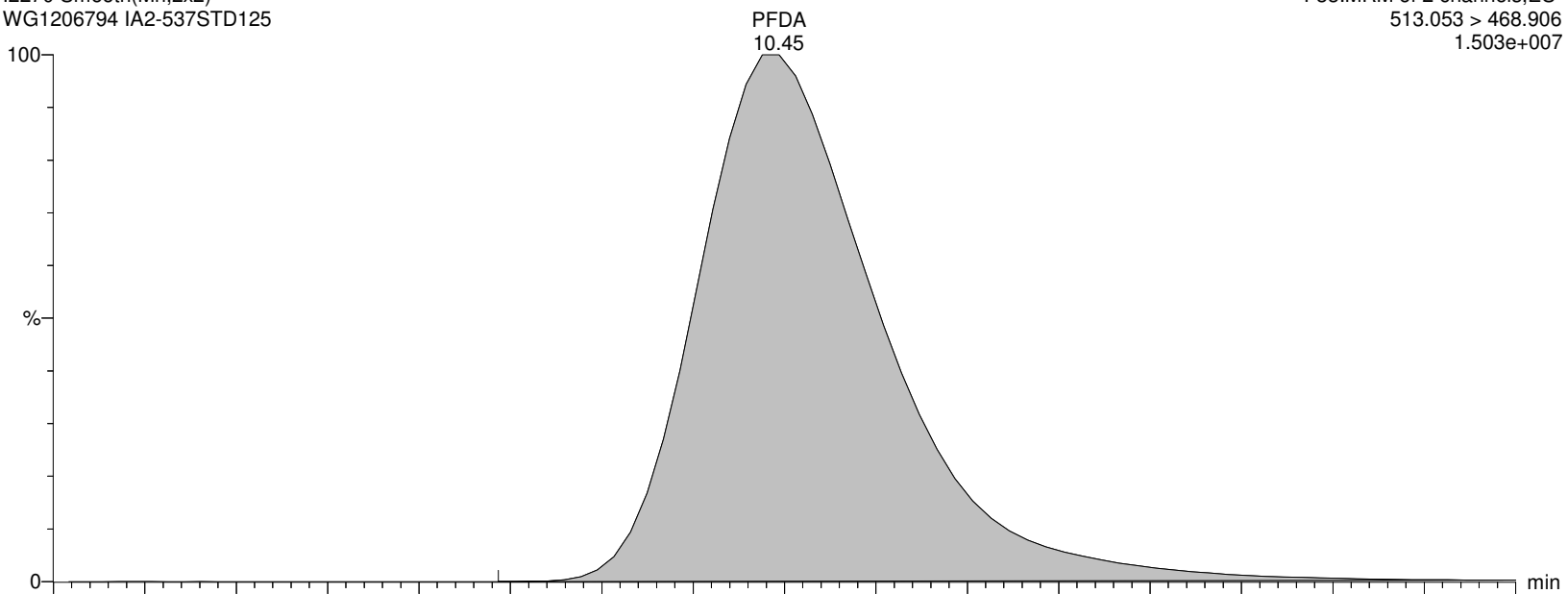
I2270 Smooth(Mn,2x2)

WG1206794 IA2-537STD125

F33:MRM of 2 channels,ES-

513.053 > 468.906

1.503e+007



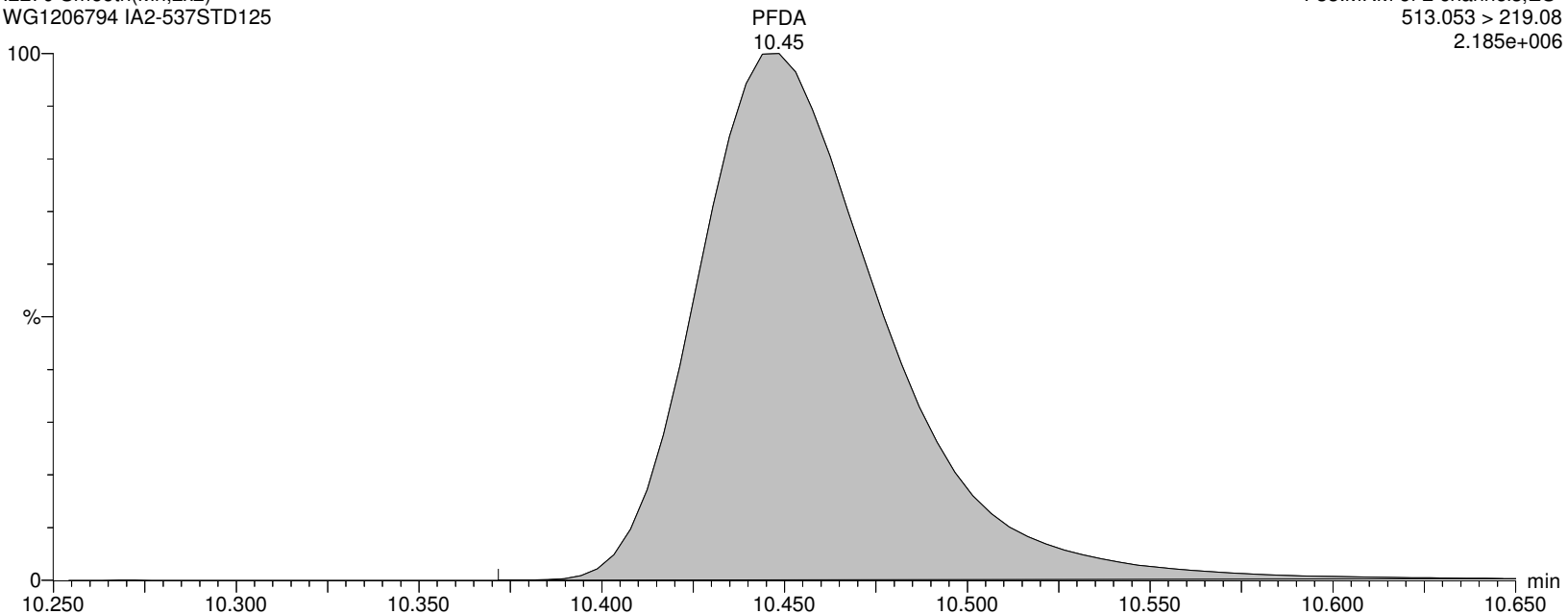
I2270 Smooth(Mn,2x2)

WG1206794 IA2-537STD125

F33:MRM of 2 channels,ES-

513.053 > 219.08

2.185e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFDA

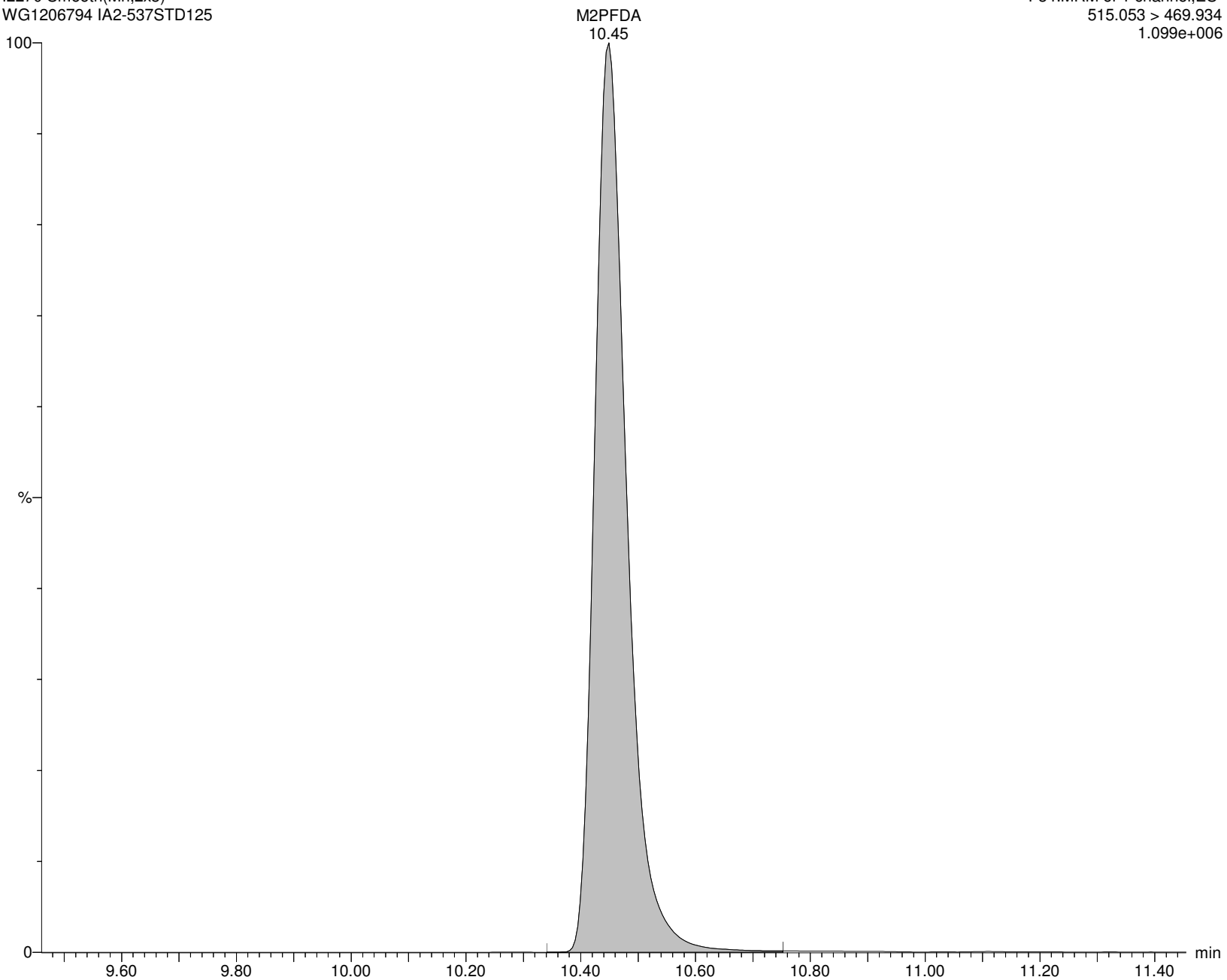
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F34:MRM of 1 channel,ES-

515.053 > 469.934

1.099e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M6PFDA

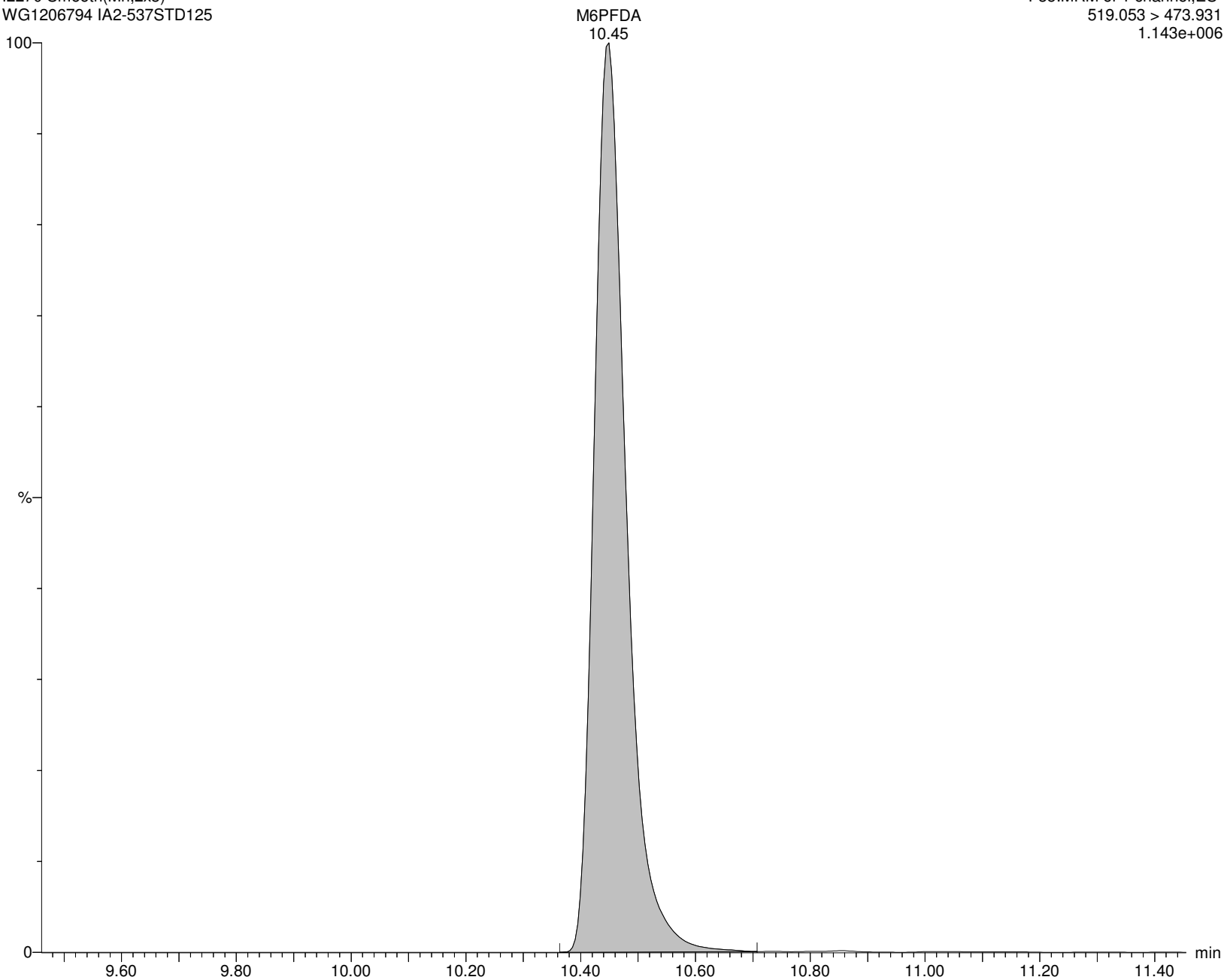
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F35:MRM of 1 channel,ES-

519.053 > 473.931

1.143e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

8:2FTS

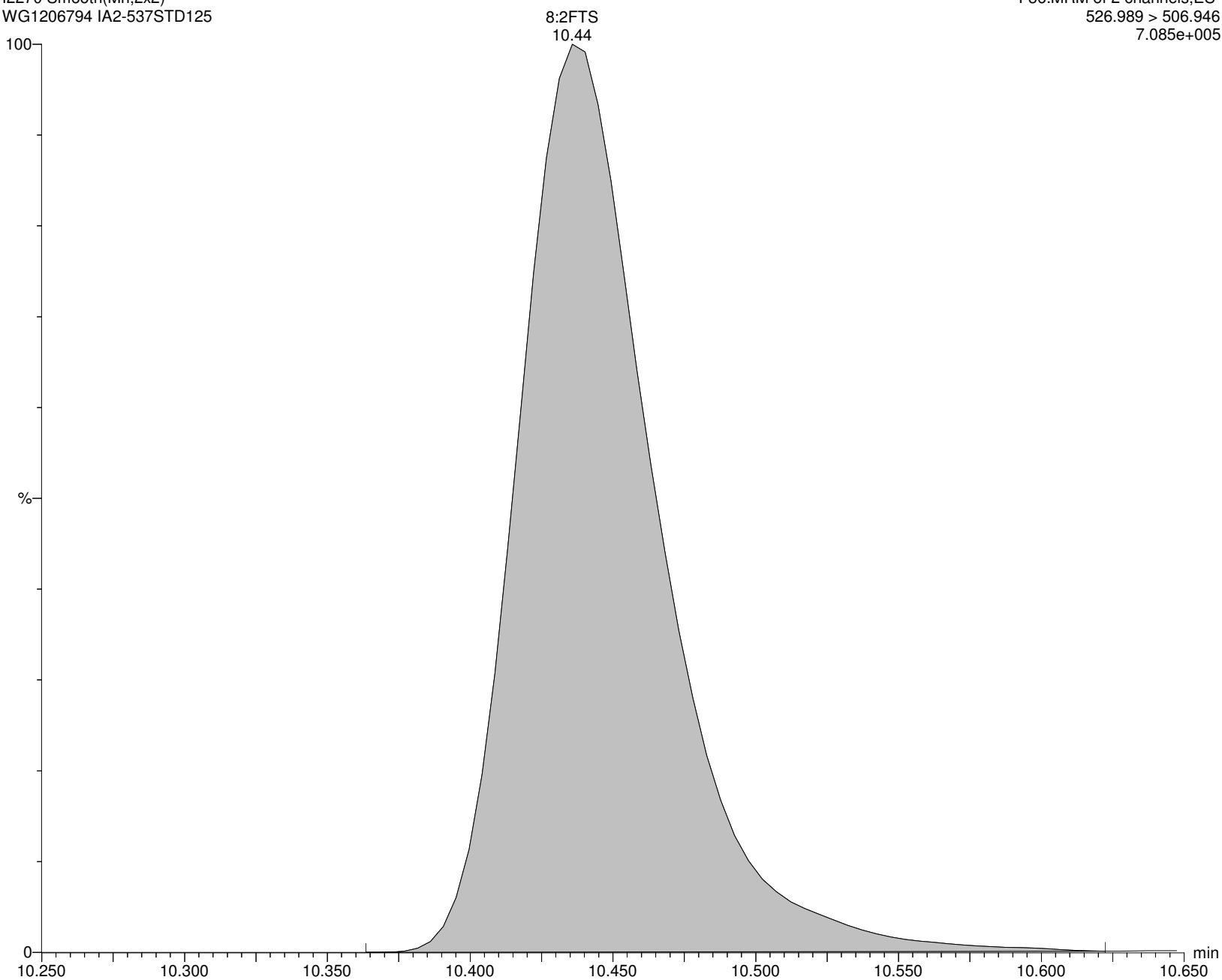
I2270 Smooth(Mn,2x2)

WG1206794 IA2-537STD125

F36:MRM of 2 channels,ES-

526.989 > 506.946

7.085e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-8:2FTS

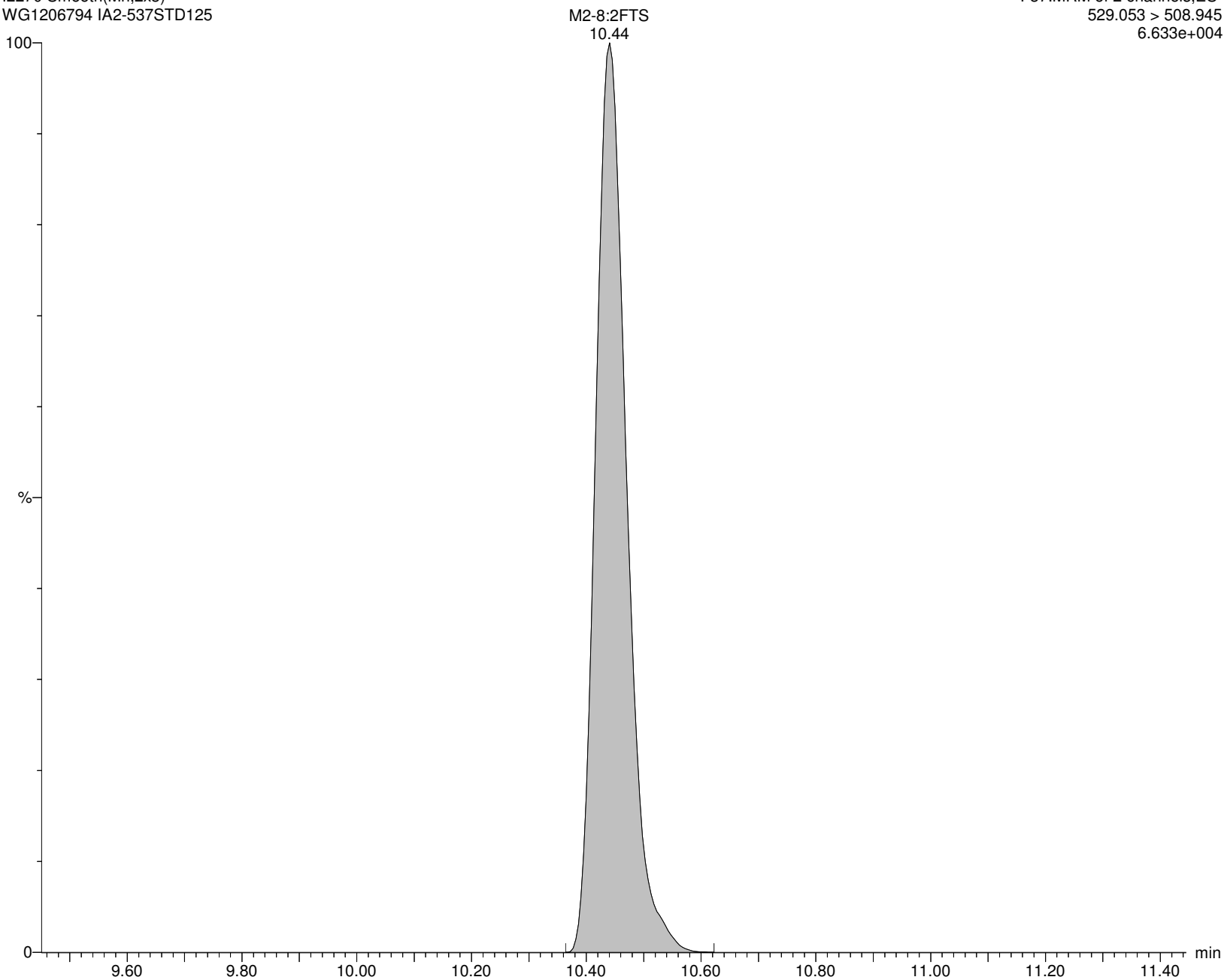
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F37:MRM of 2 channels,ES-

529.053 > 508.945

6.633e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNS

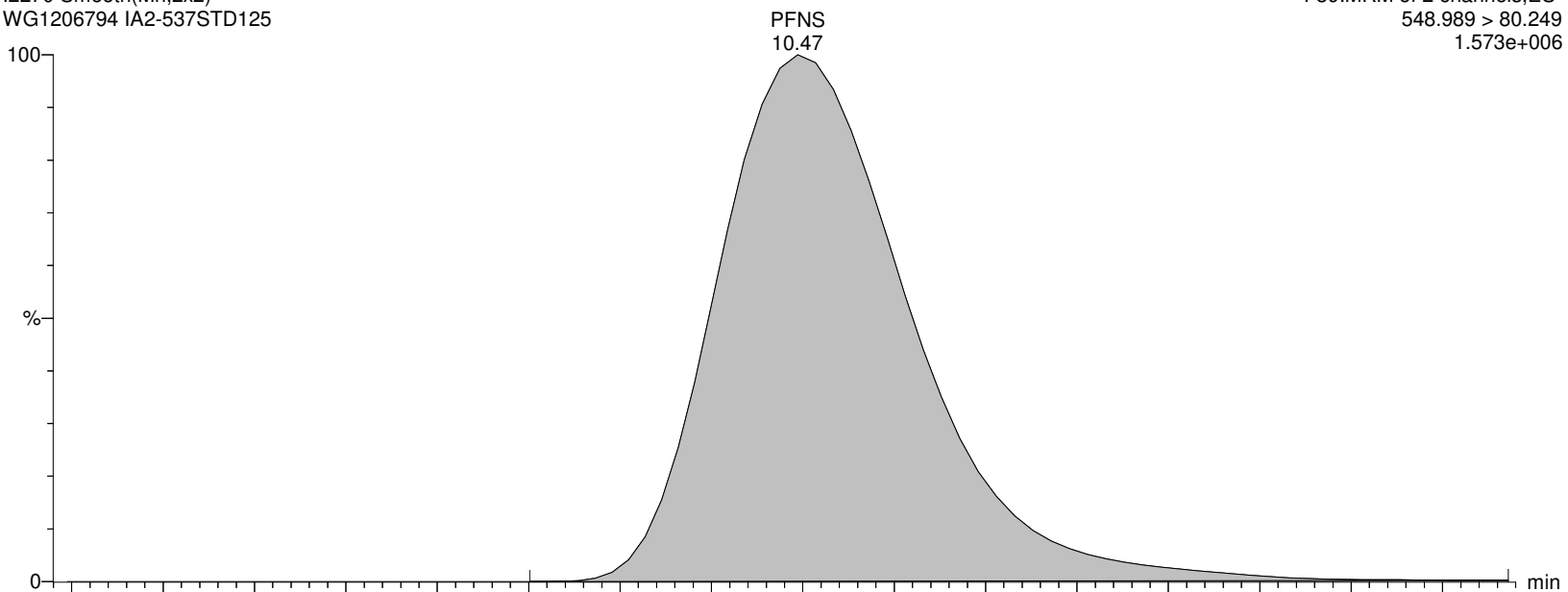
I2270 Smooth(Mn,2x2)

WG1206794 IA2-537STD125

F39:MRM of 2 channels,ES-

548.989 > 80.249

1.573e+006



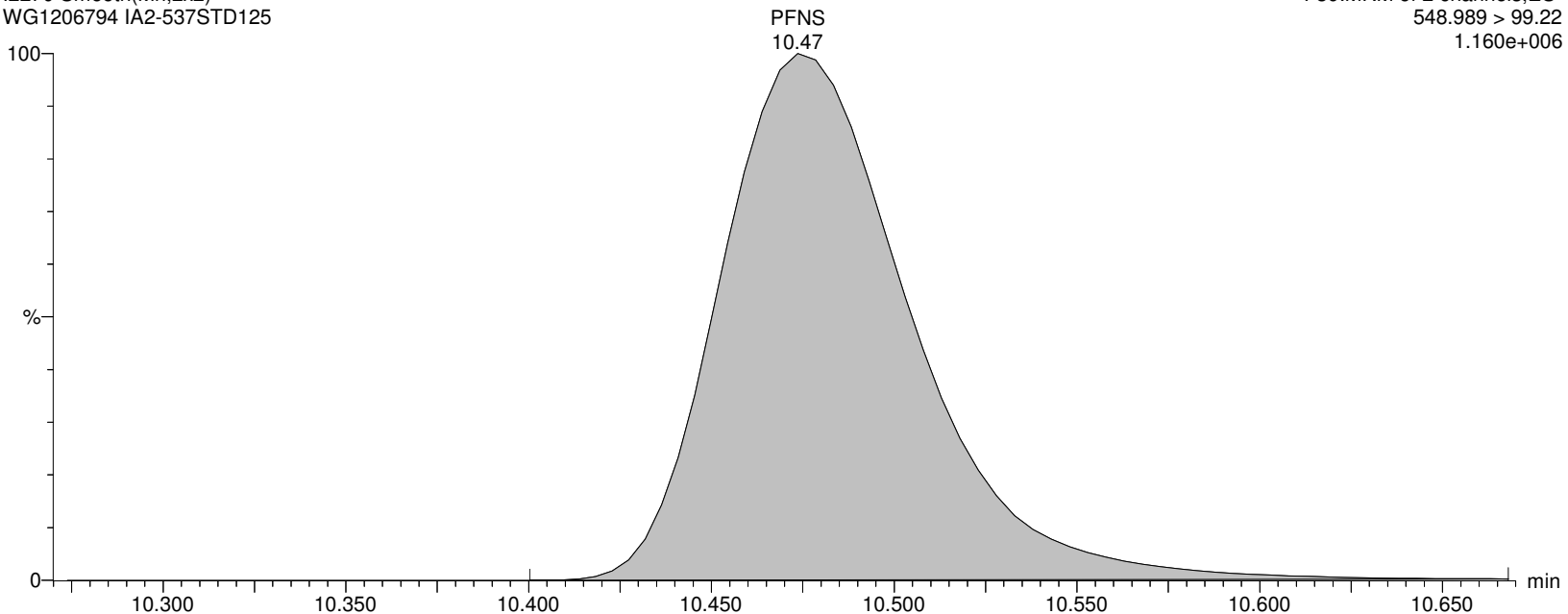
I2270 Smooth(Mn,2x2)

WG1206794 IA2-537STD125

F39:MRM of 2 channels,ES-

548.989 > 99.22

1.160e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d3-NMeFOSAA

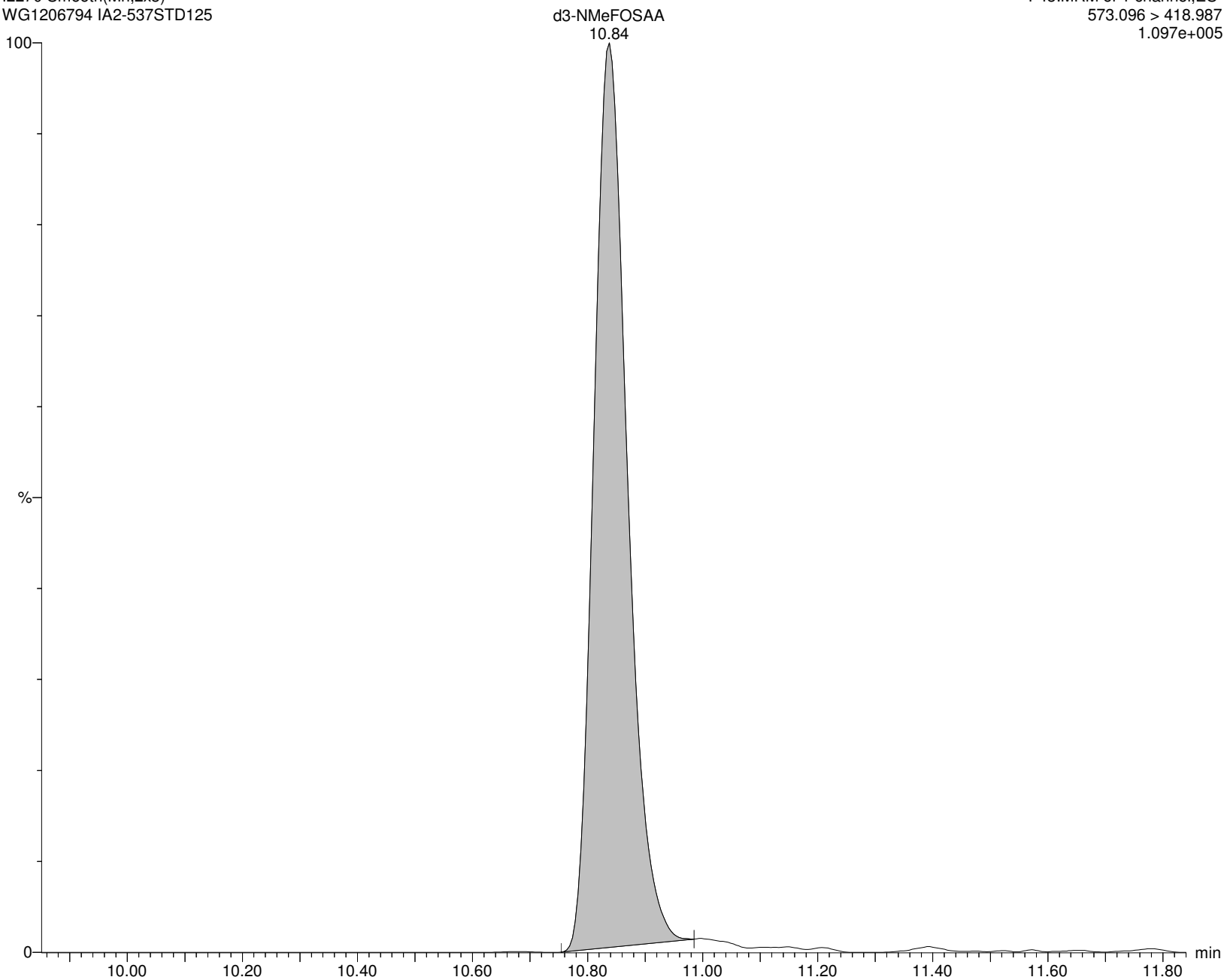
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F43:MRM of 1 channel,ES-

573.096 > 418.987

1.097e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NMeFOSAA

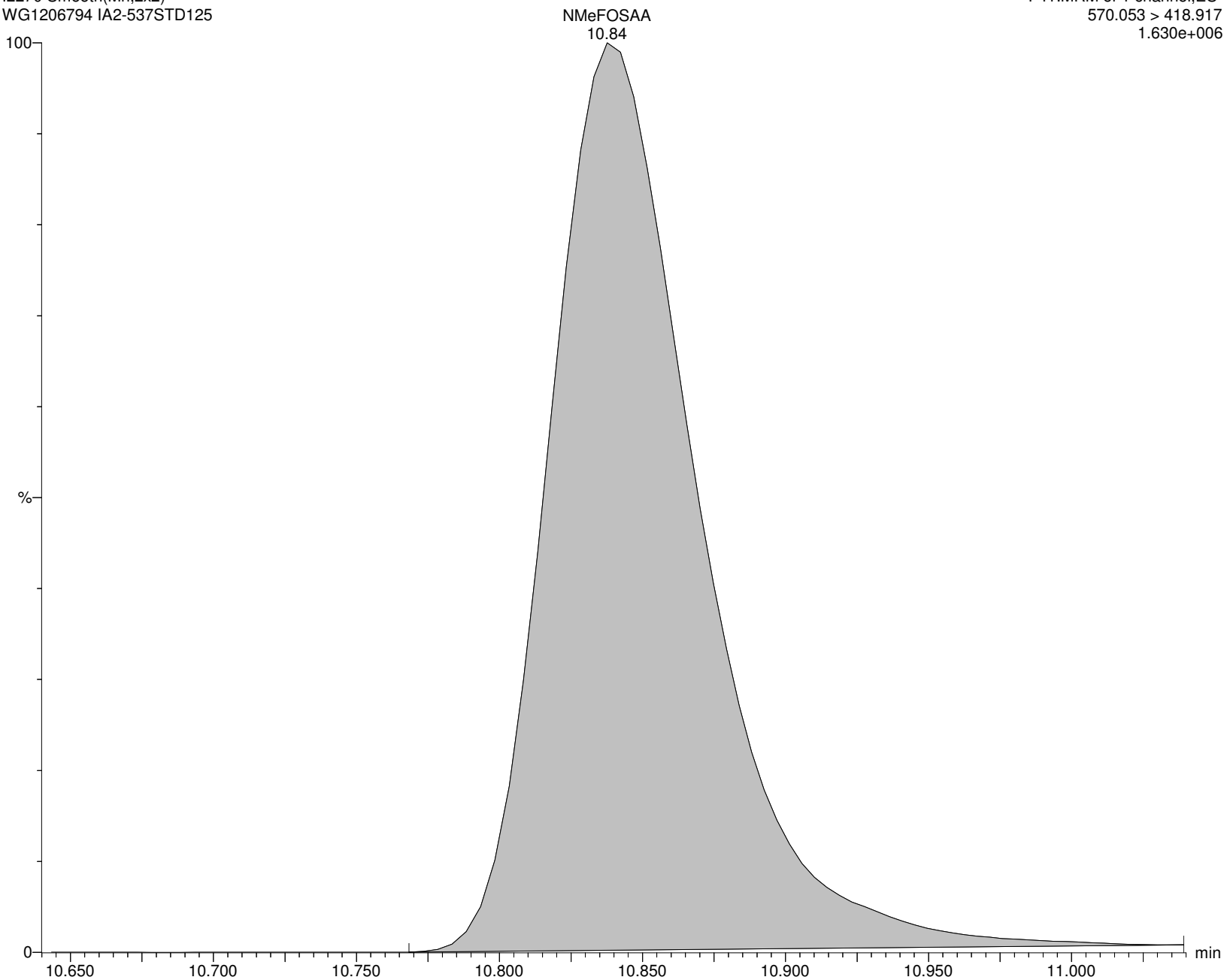
I2270 Smooth(Mn,2x2)

WG1206794 IA2-537STD125

F41:MRM of 1 channel,ES-

570.053 > 418.917

1.630e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFUnA

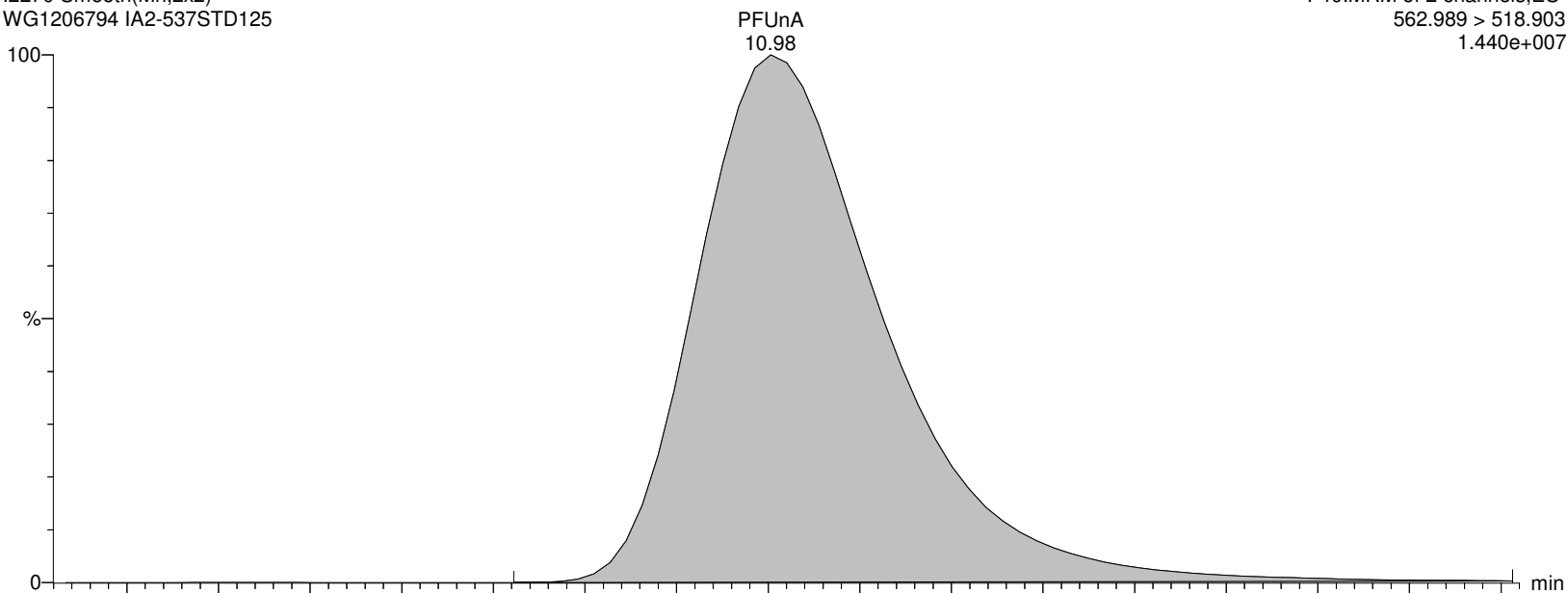
I2270 Smooth(Mn,2x2)

WG1206794 IA2-537STD125

F40:MRM of 2 channels,ES-

562.989 > 518.903

1.440e+007



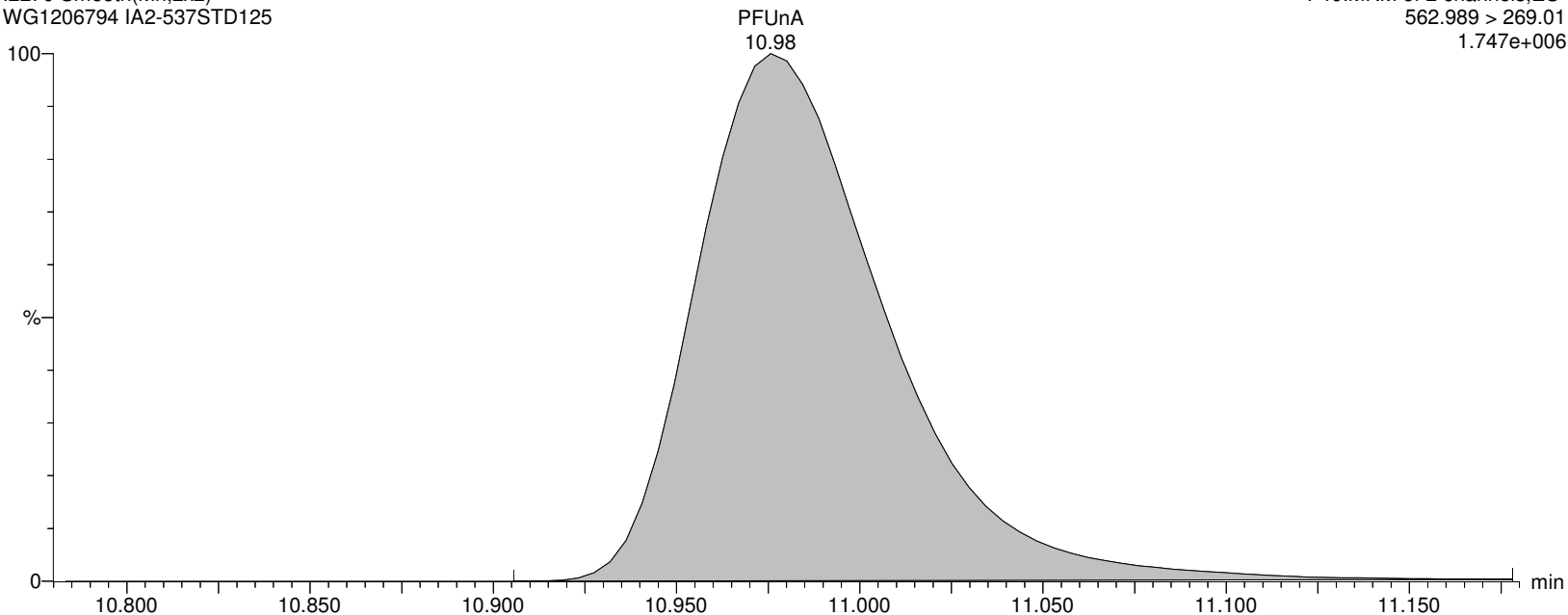
I2270 Smooth(Mn,2x2)

WG1206794 IA2-537STD125

F40:MRM of 2 channels,ES-

562.989 > 269.01

1.747e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M7-PFUDA

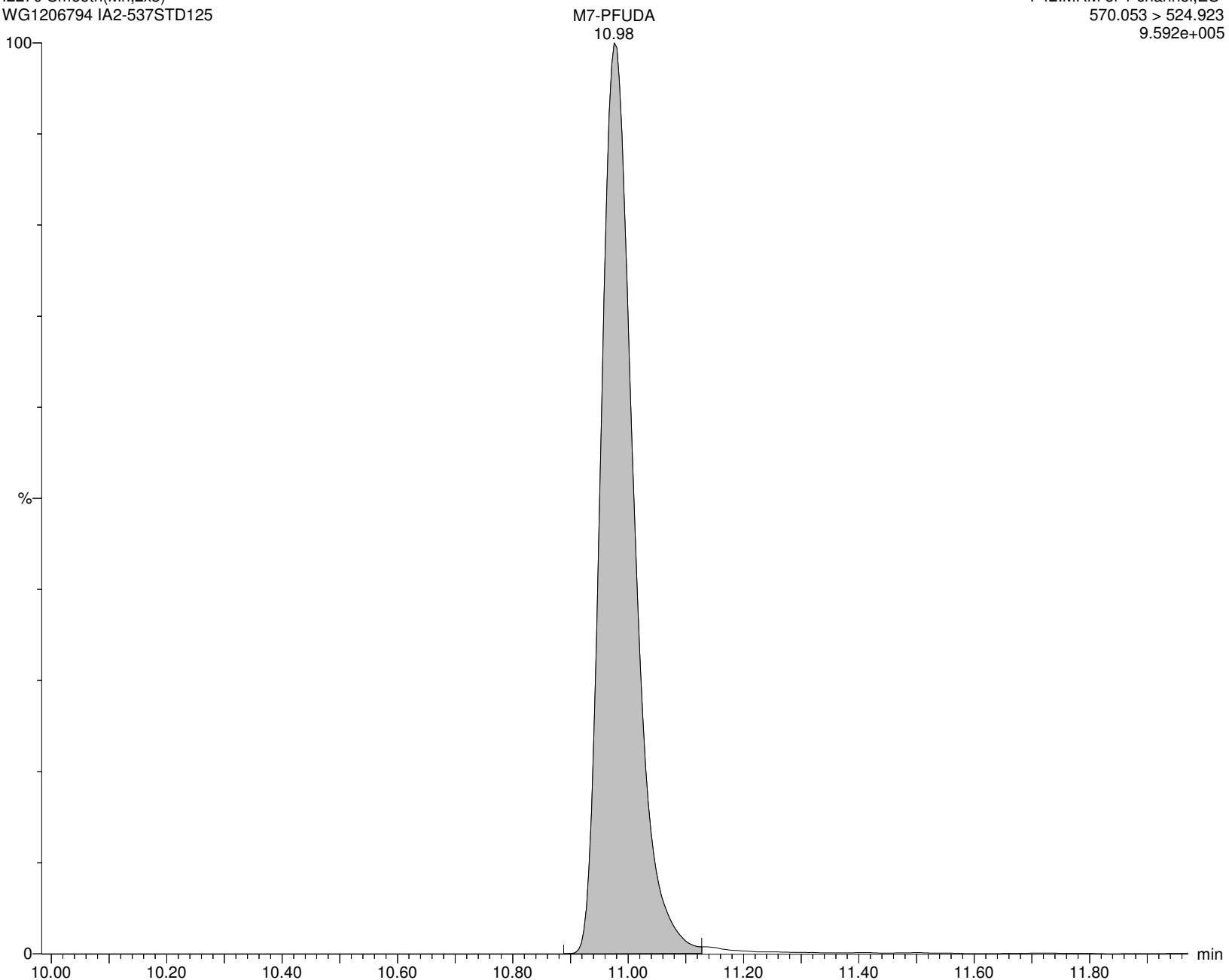
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F42:MRM of 1 channel,ES-

570.053 > 524.923

9.592e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDS

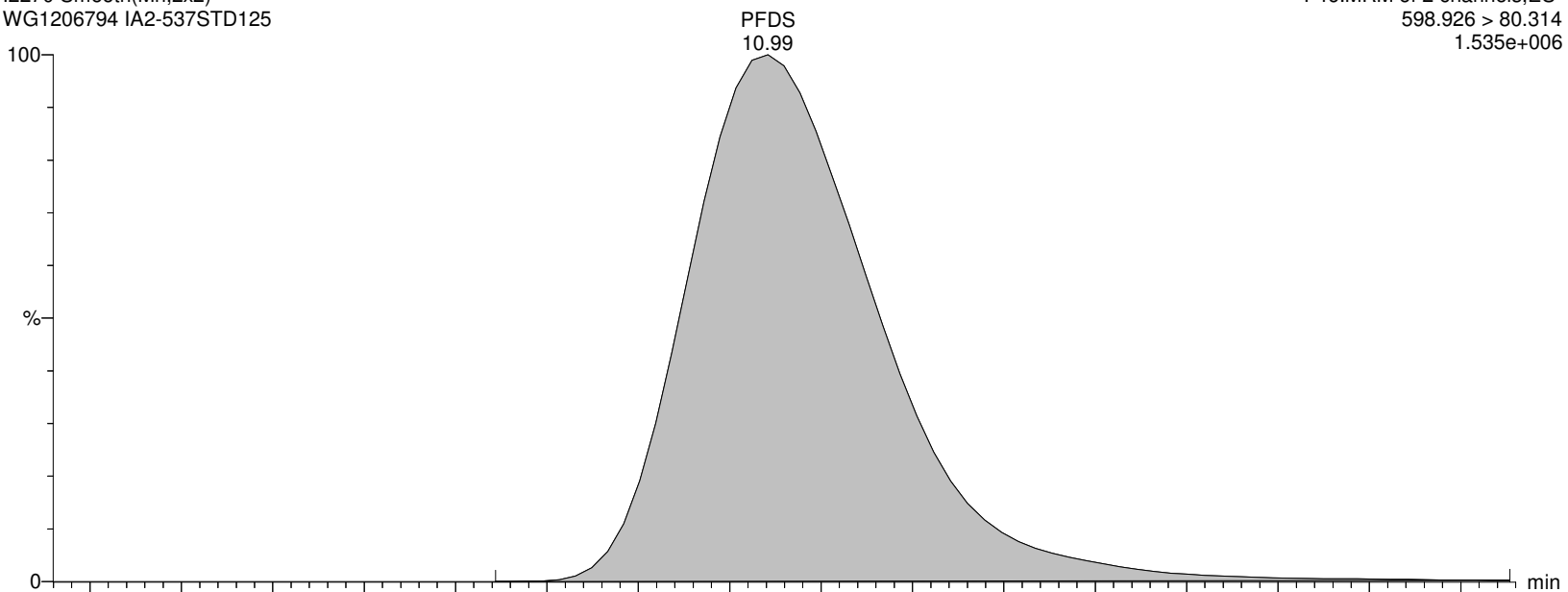
I2270 Smooth(Mn,2x2)

WG1206794 IA2-537STD125

F46:MRM of 2 channels,ES-

598.926 > 80.314

1.535e+006



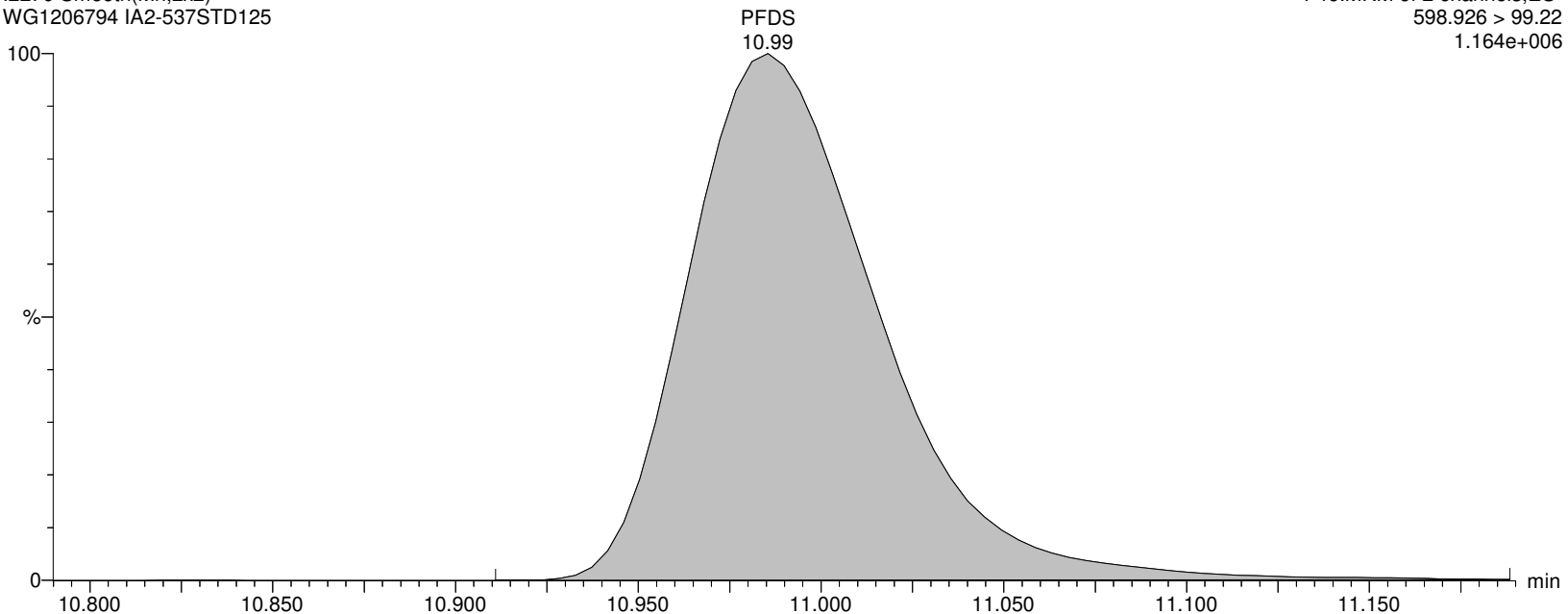
I2270 Smooth(Mn,2x2)

WG1206794 IA2-537STD125

F46:MRM of 2 channels,ES-

598.926 > 99.22

1.164e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

FOSA

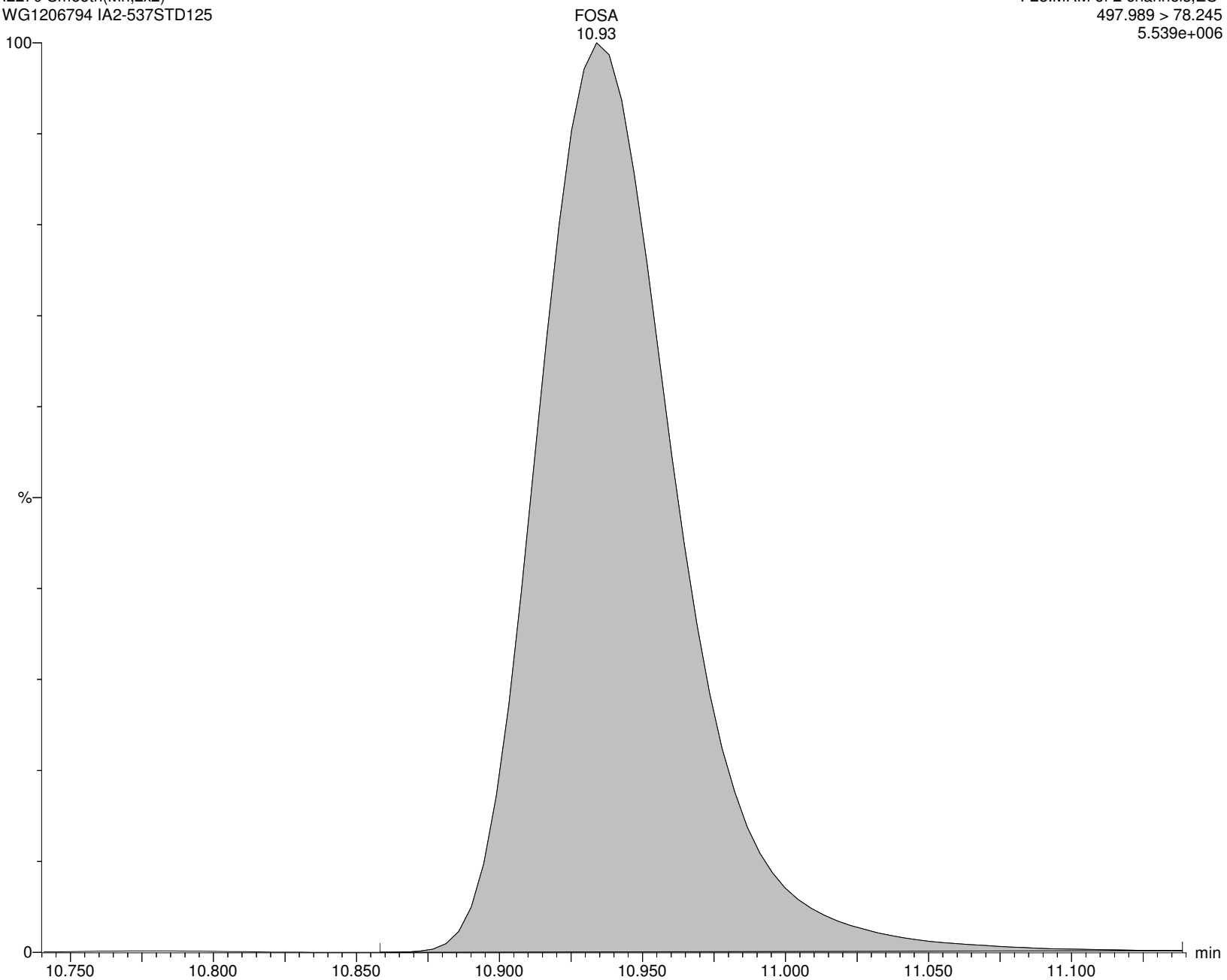
I2270 Smooth(Mn,2x2)

WG1206794 IA2-537STD125

F28:MRM of 2 channels,ES-

497.989 > 78.245

5.539e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8FOSA

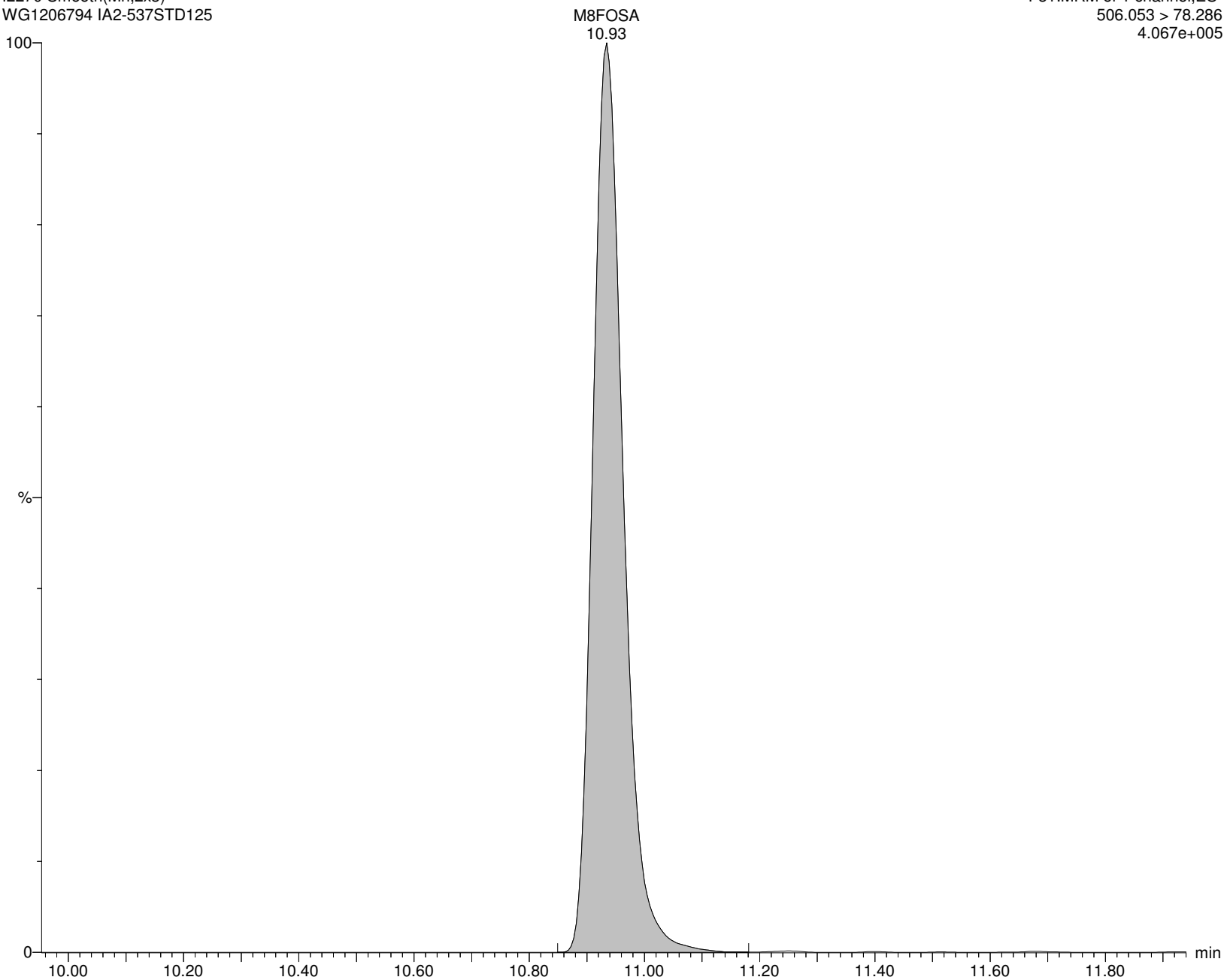
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F31:MRM of 1 channel,ES-

506.053 > 78.286

4.067e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d5-NEtFOSAA

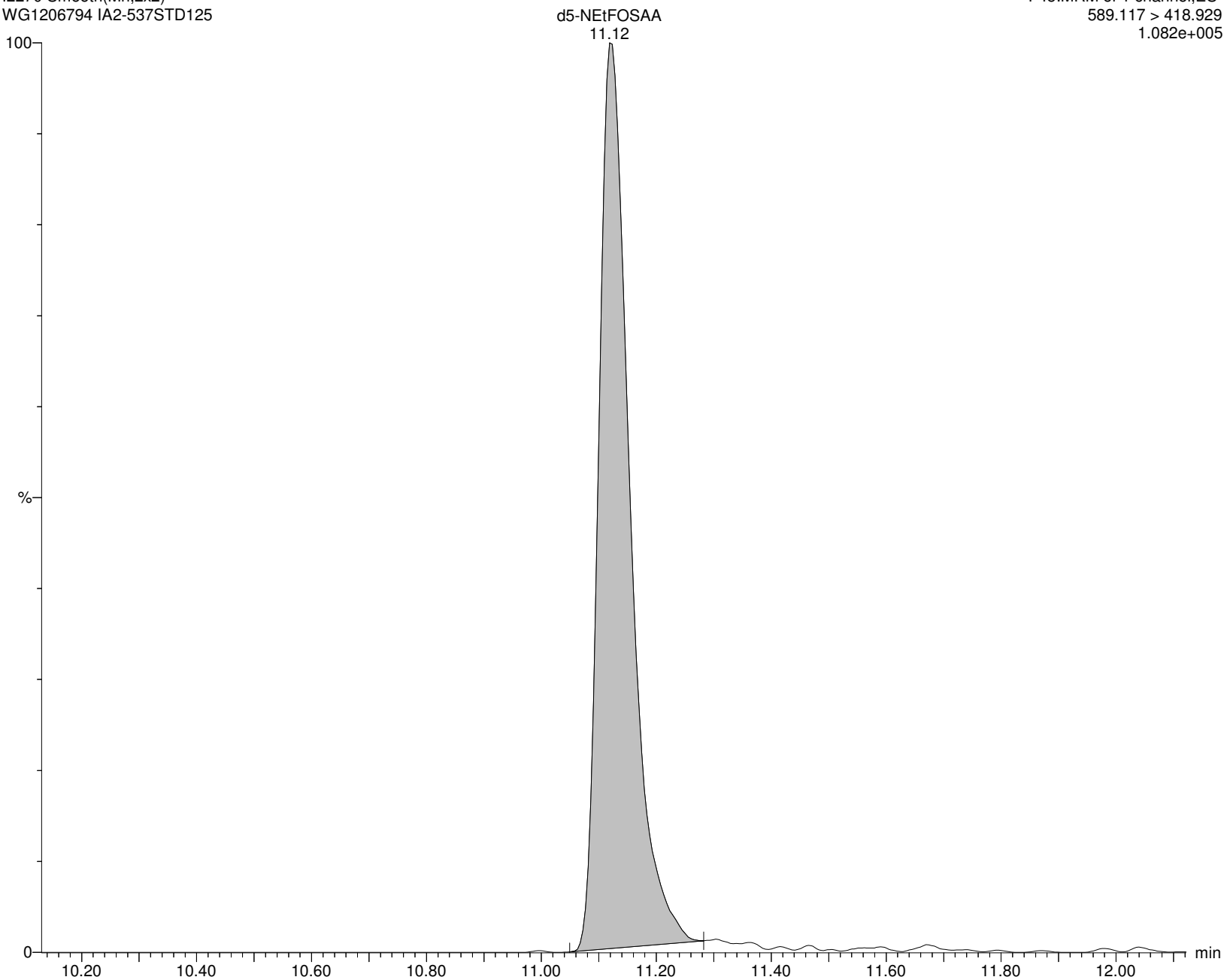
I2270 Smooth(Mn,2x2)

WG1206794 IA2-537STD125

F45:MRM of 1 channel,ES-

589.117 > 418.929

1.082e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NEtFOSAA

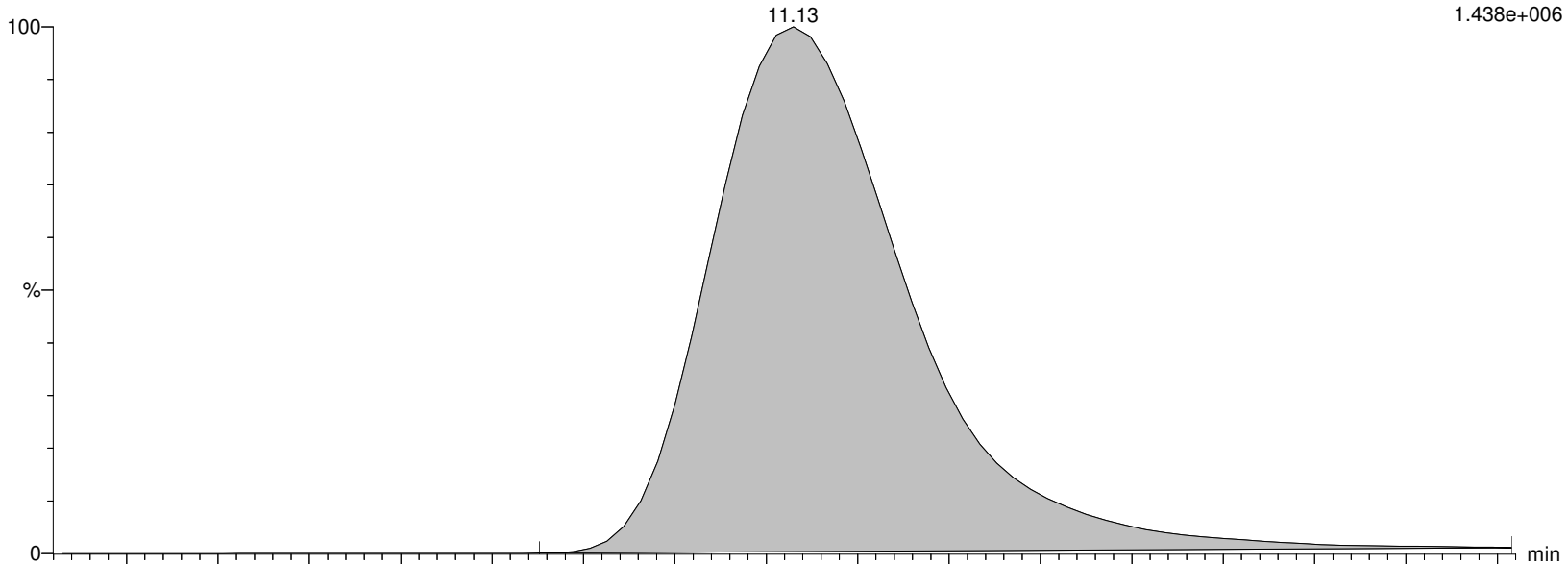
I2270 Smooth(Mn,2x2)

WG1206794 IA2-537STD125

F44:MRM of 2 channels,ES-

583.989 > 418.927

1.438e+006



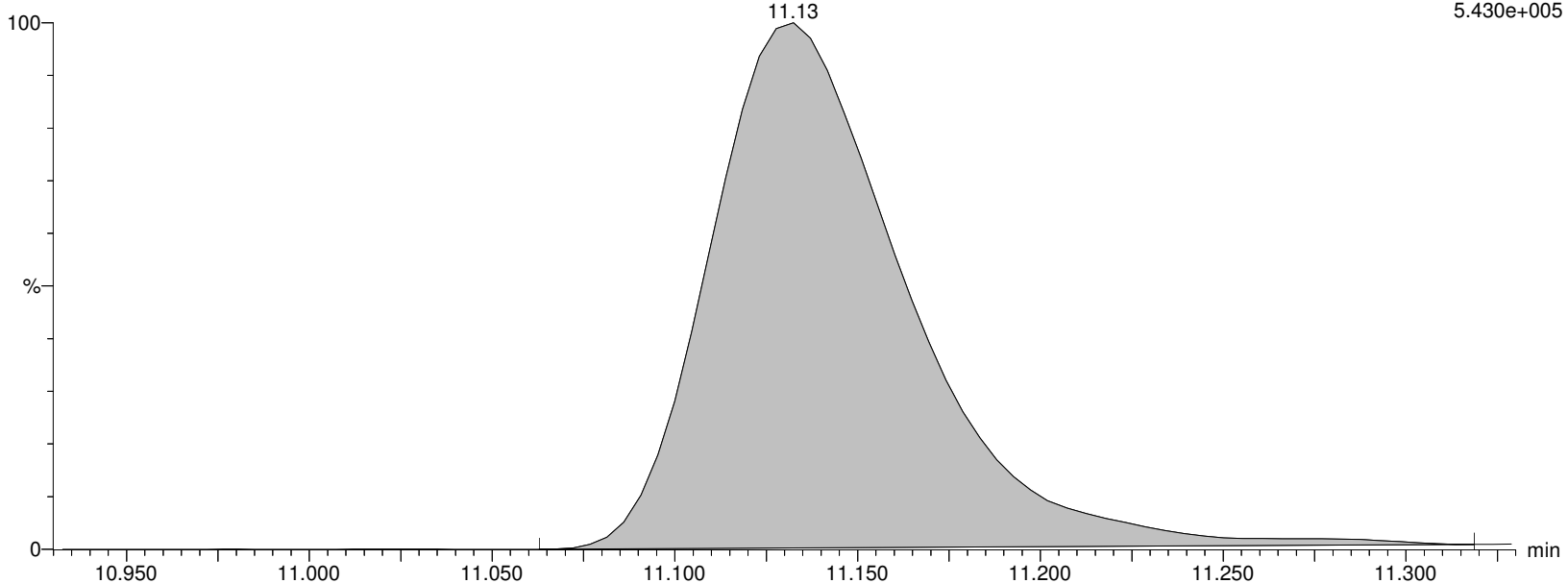
I2270 Smooth(Mn,2x2)

WG1206794 IA2-537STD125

F44:MRM of 2 channels,ES-

583.989 > 482.88

5.430e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFD_oA

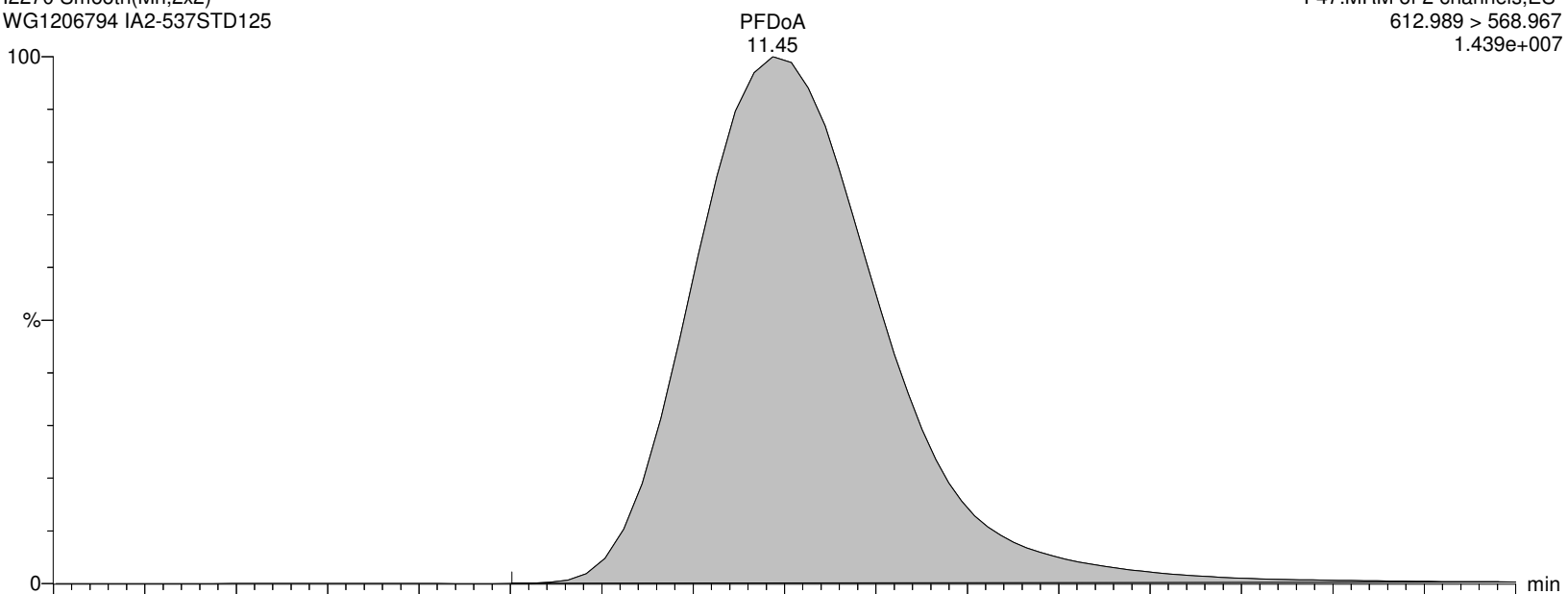
I2270 Smooth(Mn,2x2)

WG1206794 IA2-537STD125

F47:MRM of 2 channels,ES-

612.989 > 568.967

1.439e+007



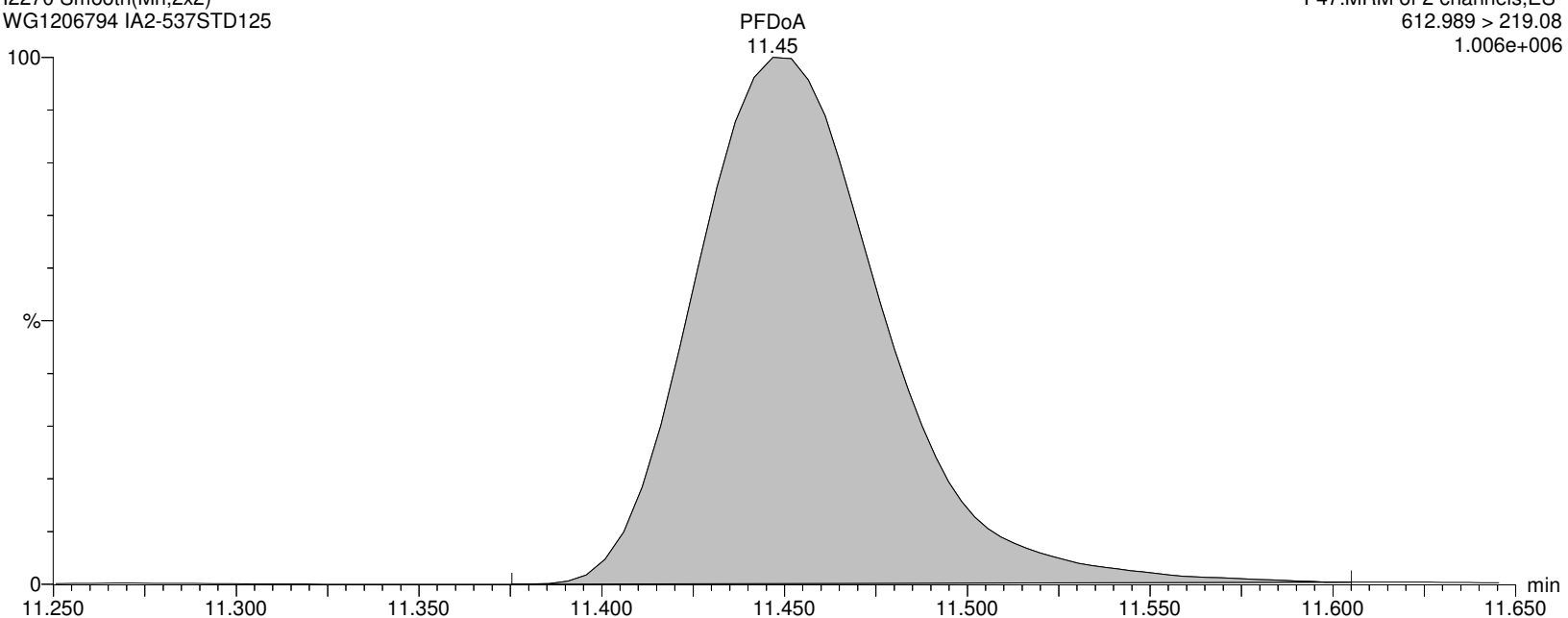
I2270 Smooth(Mn,2x2)

WG1206794 IA2-537STD125

F47:MRM of 2 channels,ES-

612.989 > 219.08

1.006e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFDOA

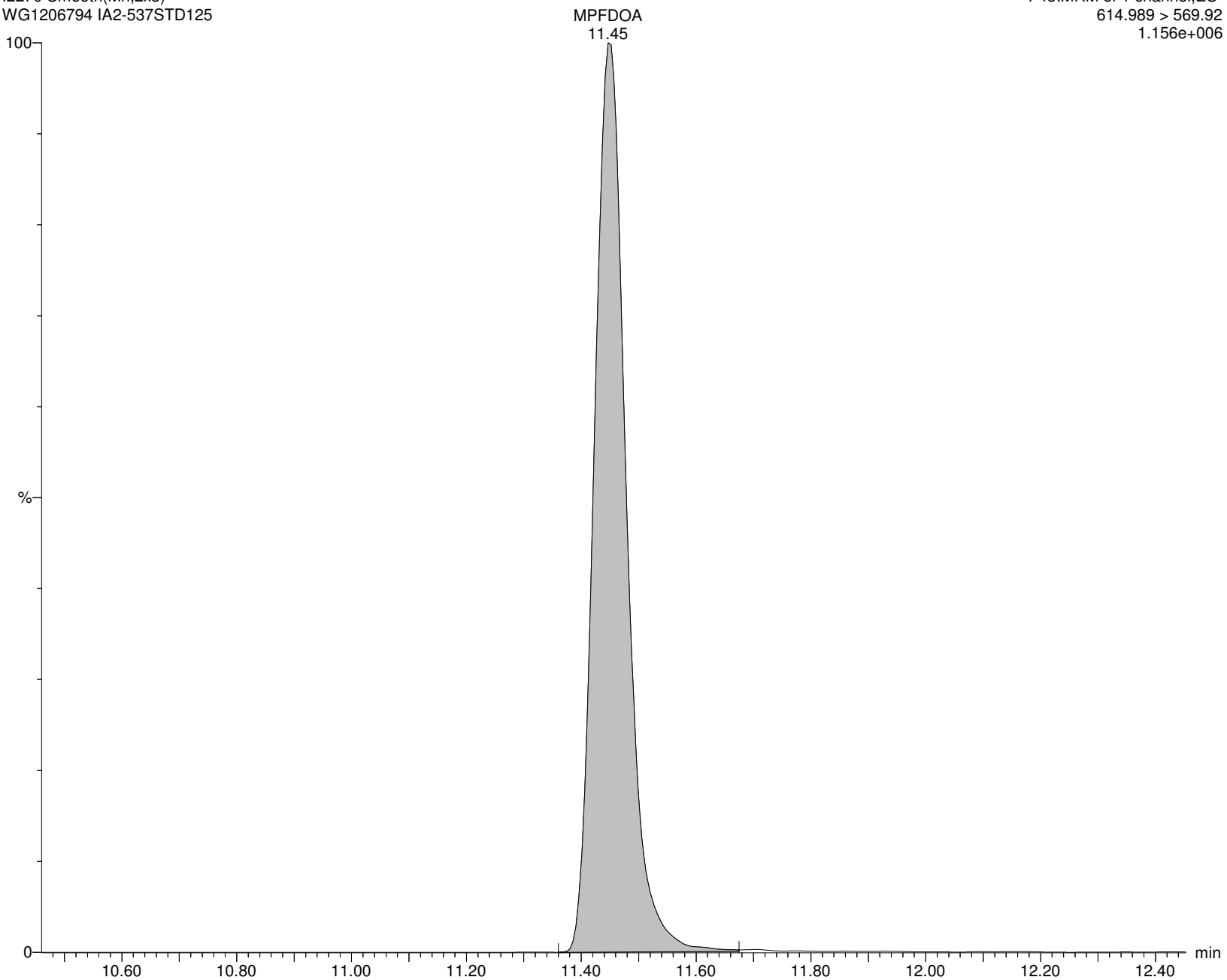
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F48:MRM of 1 channel,ES-

614.989 > 569.92

1.156e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTTrDA

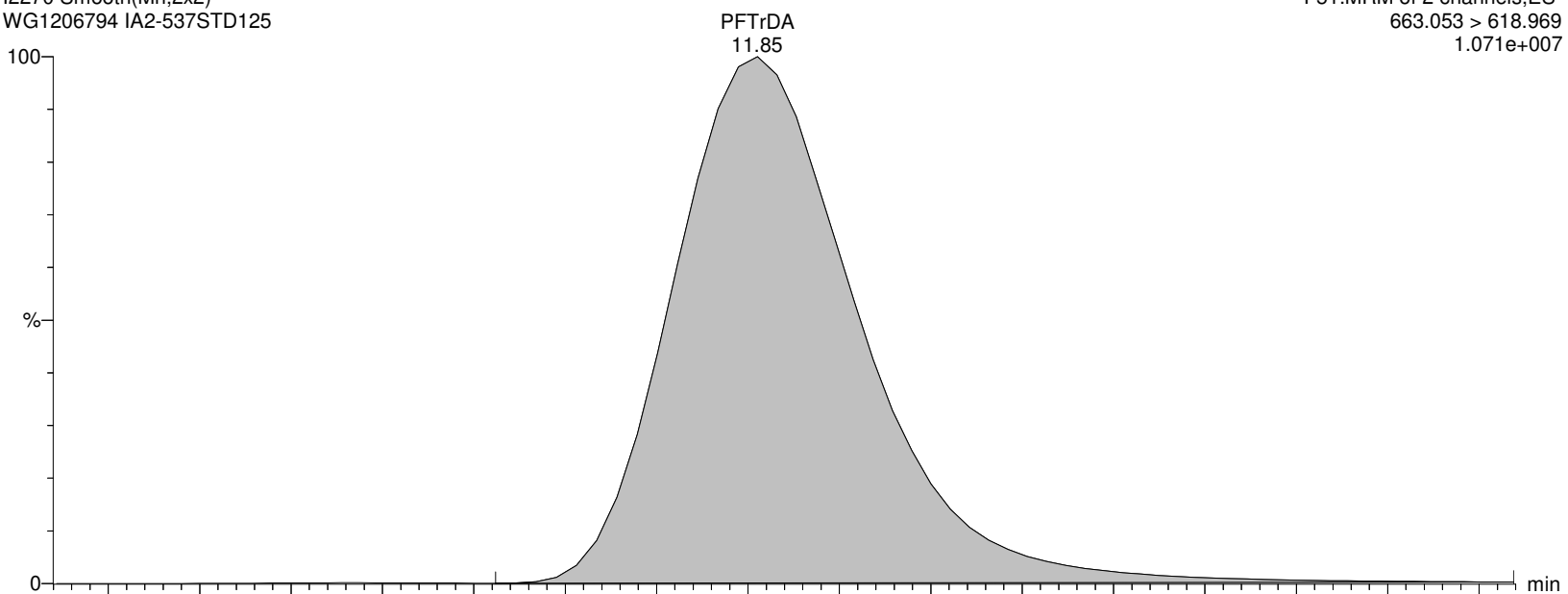
I2270 Smooth(Mn,2x2)

WG1206794 IA2-537STD125

F51:MRM of 2 channels,ES-

663.053 > 618.969

1.071e+007



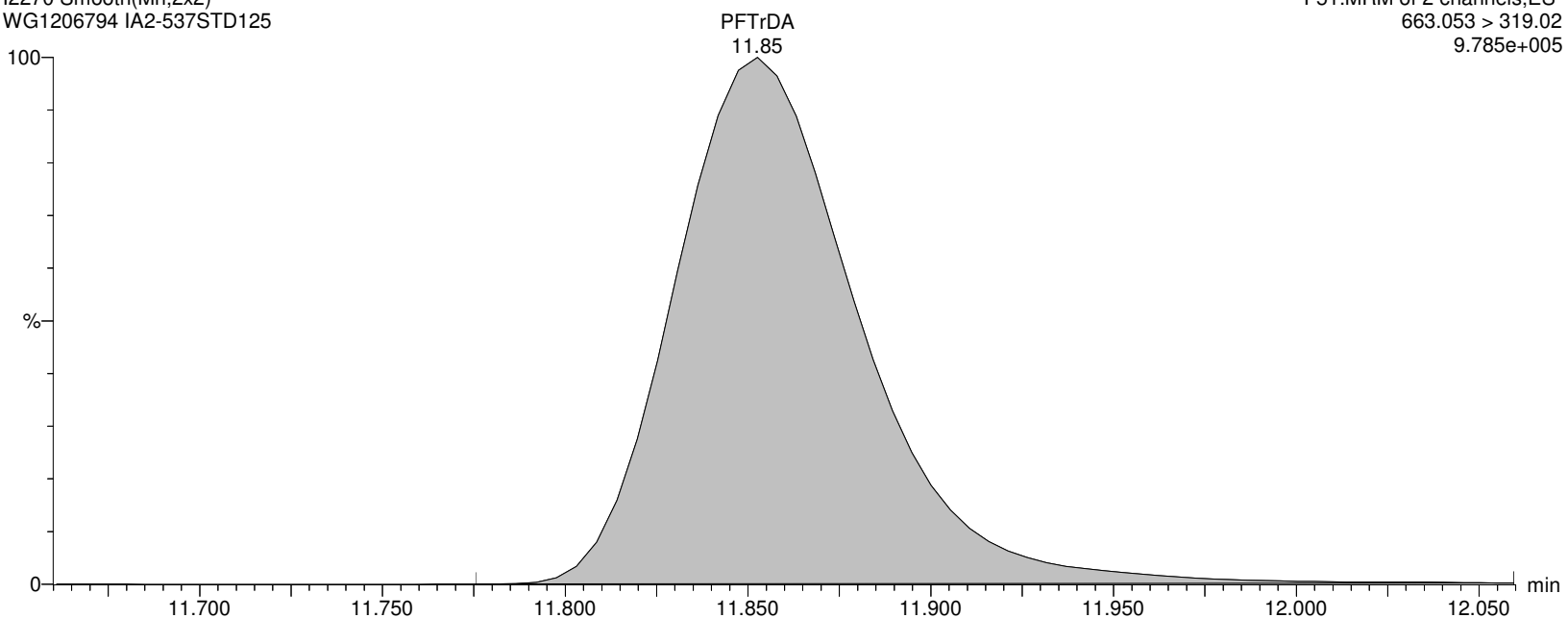
I2270 Smooth(Mn,2x2)

WG1206794 IA2-537STD125

F51:MRM of 2 channels,ES-

663.053 > 319.02

9.785e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTA

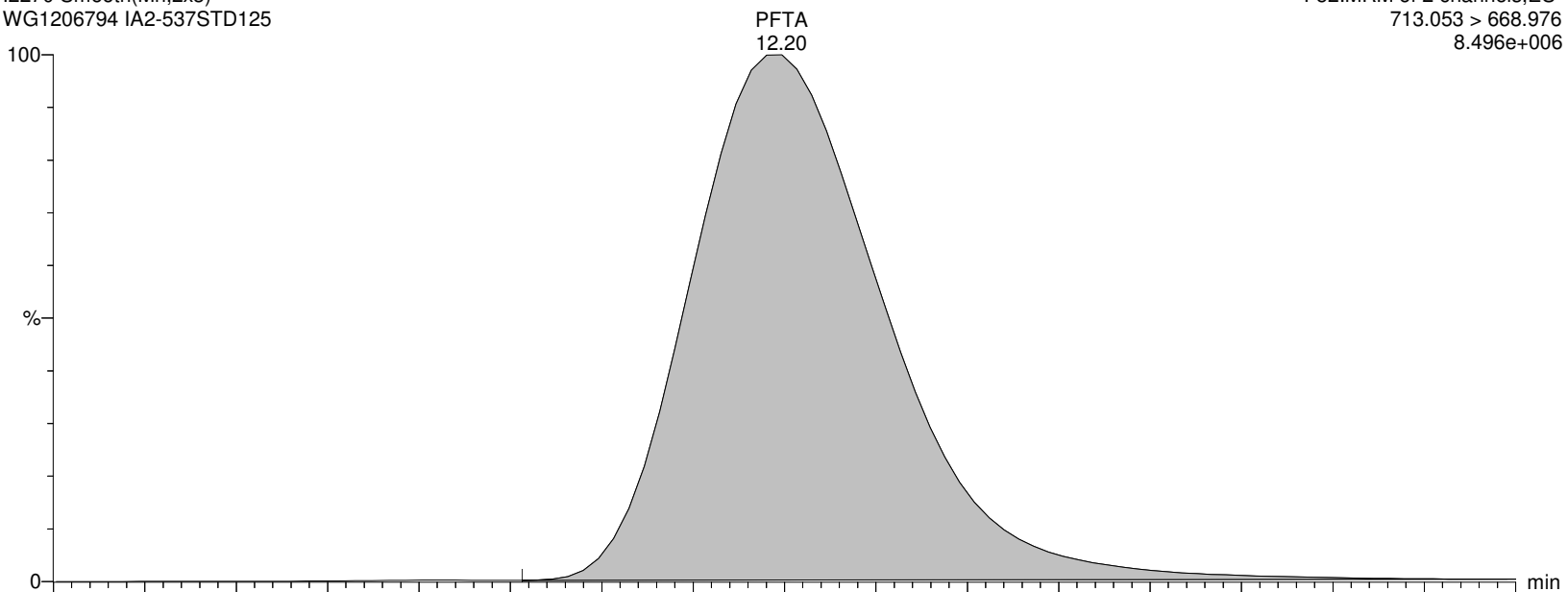
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F52:MRM of 2 channels,ES-

713.053 > 668.976

8.496e+006



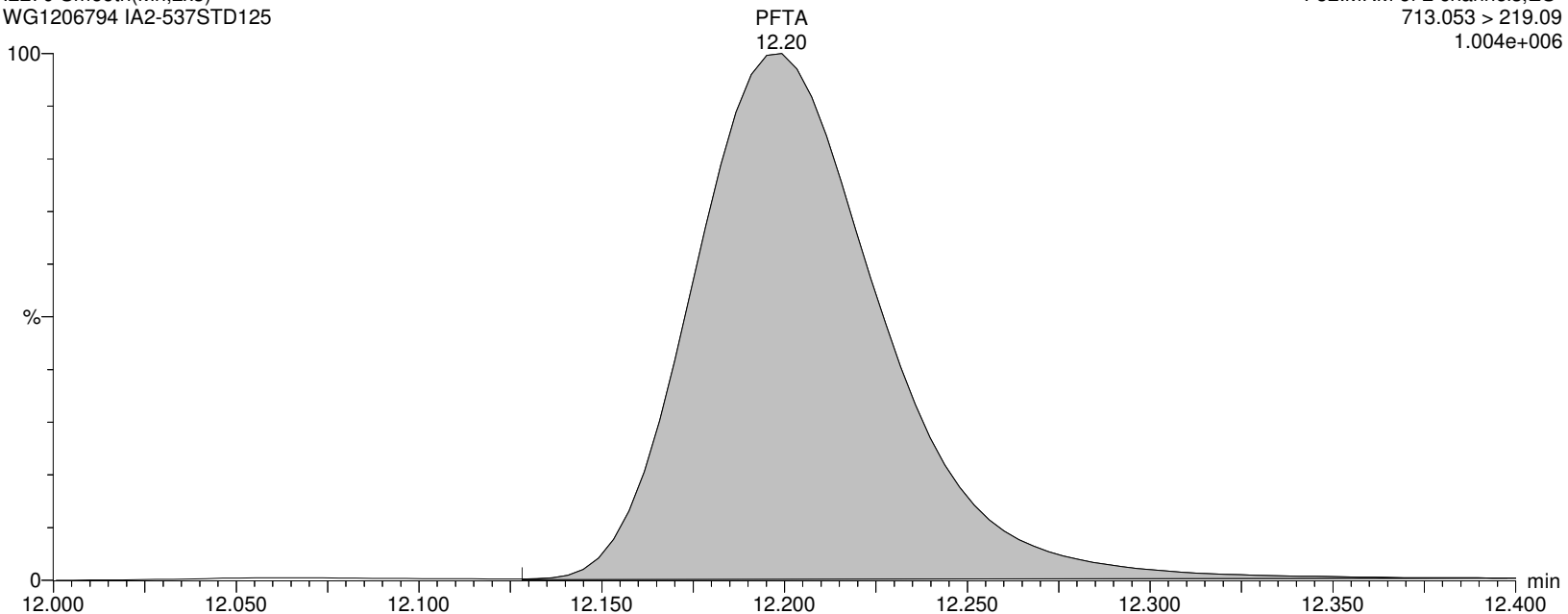
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F52:MRM of 2 channels,ES-

713.053 > 219.09

1.004e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFTEDA

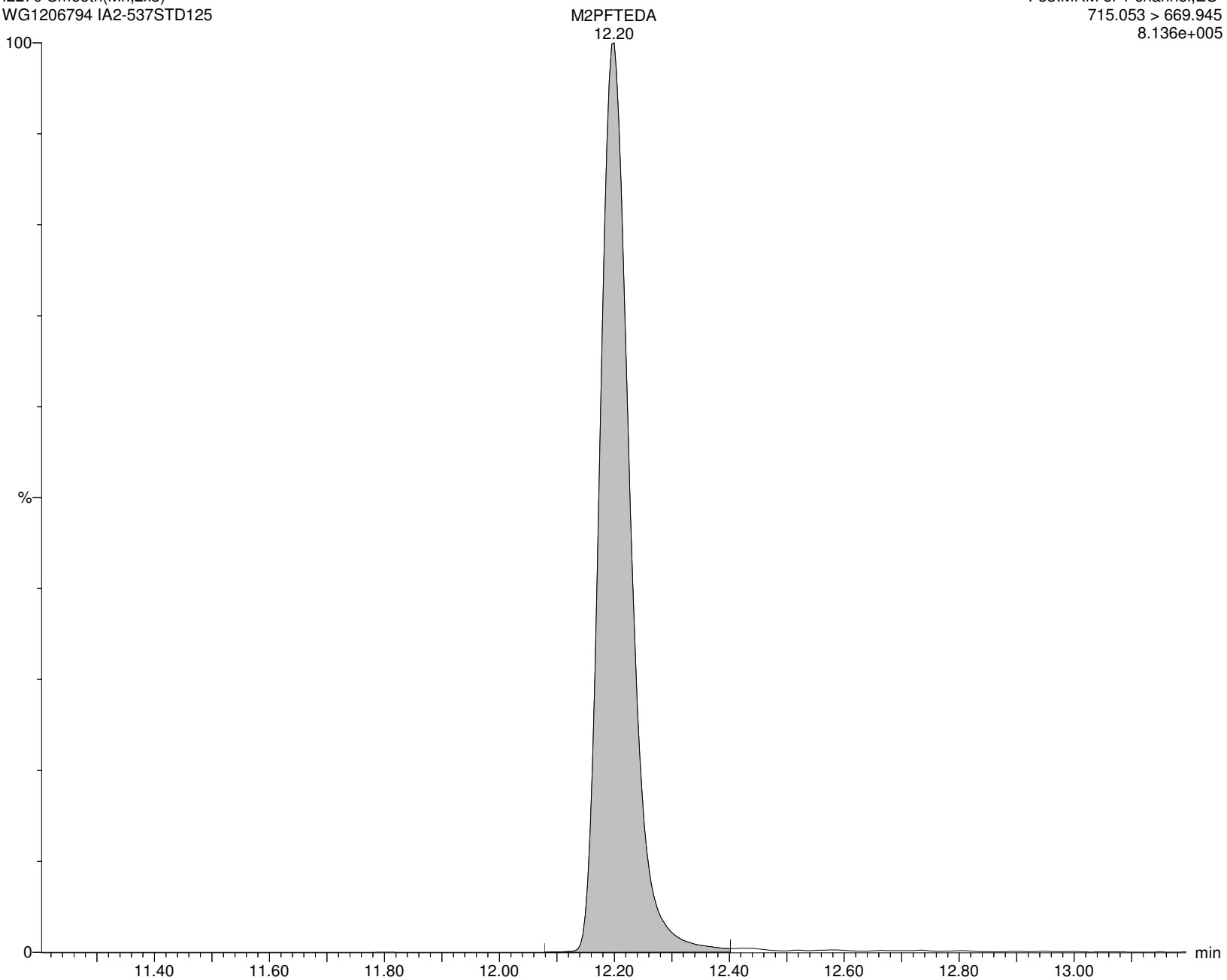
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F53:MRM of 1 channel,ES-

715.053 > 669.945

8.136e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3HFPO-DA

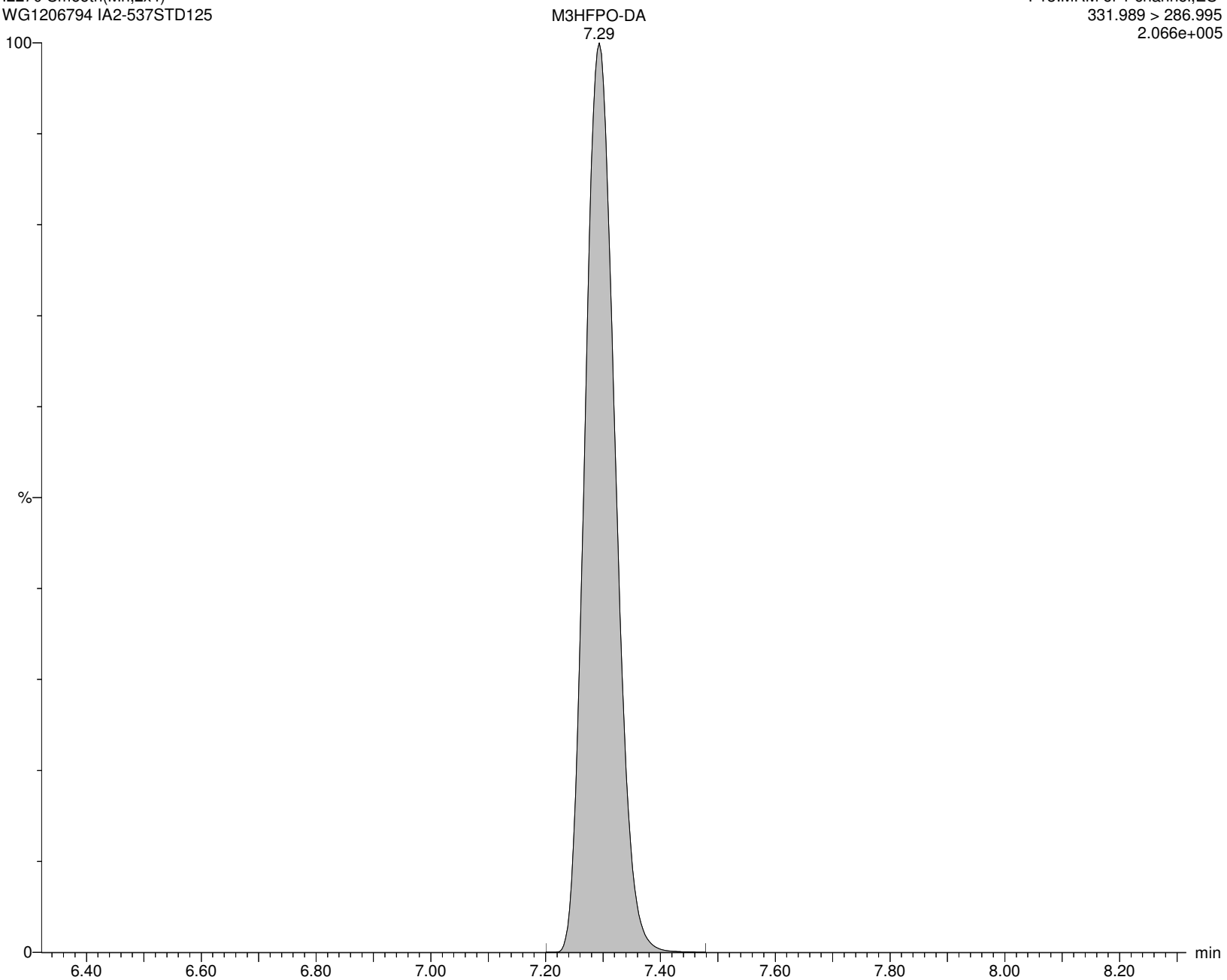
I2270 Smooth(Mn,2x4)

WG1206794 IA2-537STD125

F13:MRM of 1 channel,ES-

331.989 > 286.995

2.066e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

HFPO-DA

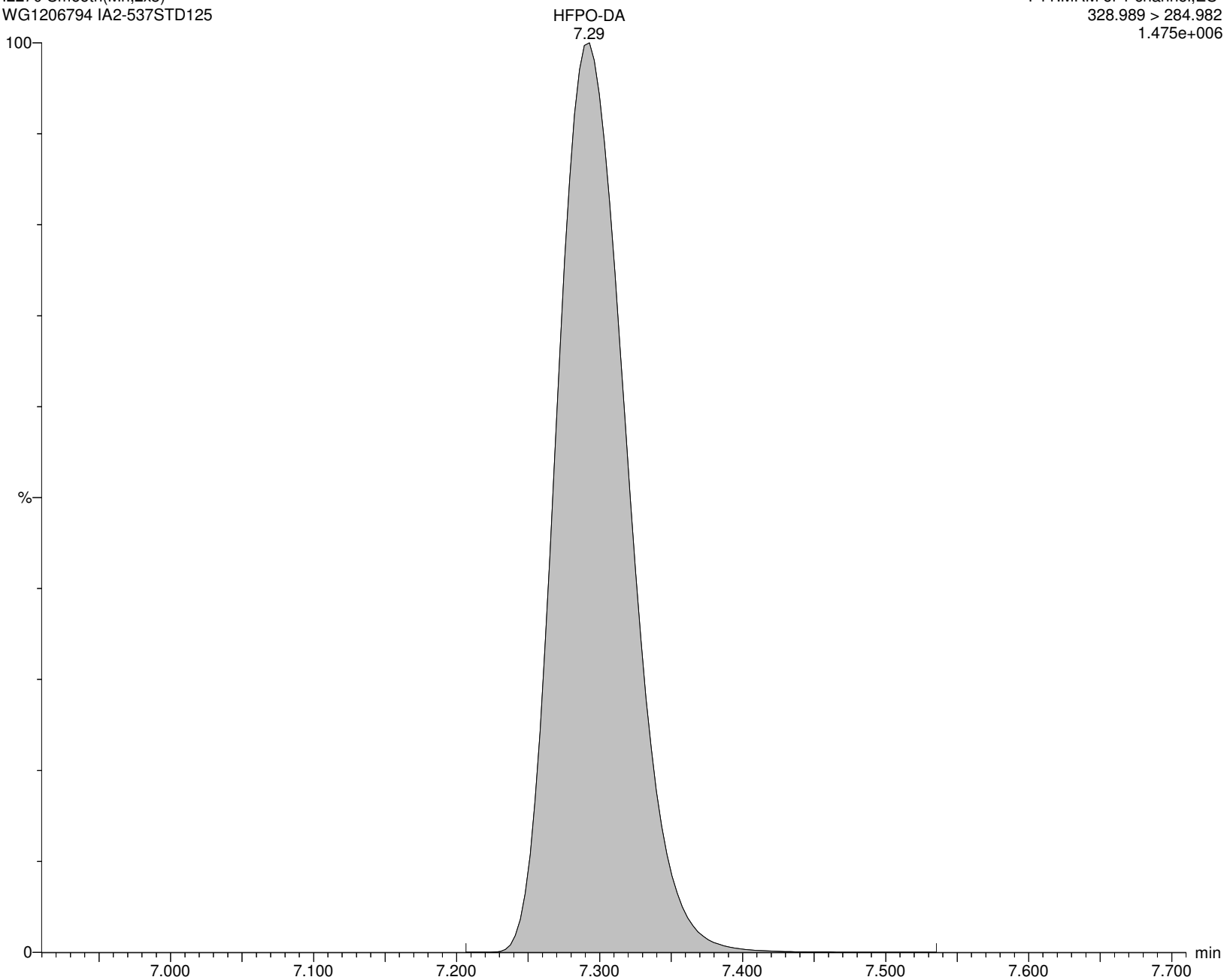
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F11:MRM of 1 channel,ES-

328.989 > 284.982

1.475e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

ADONA

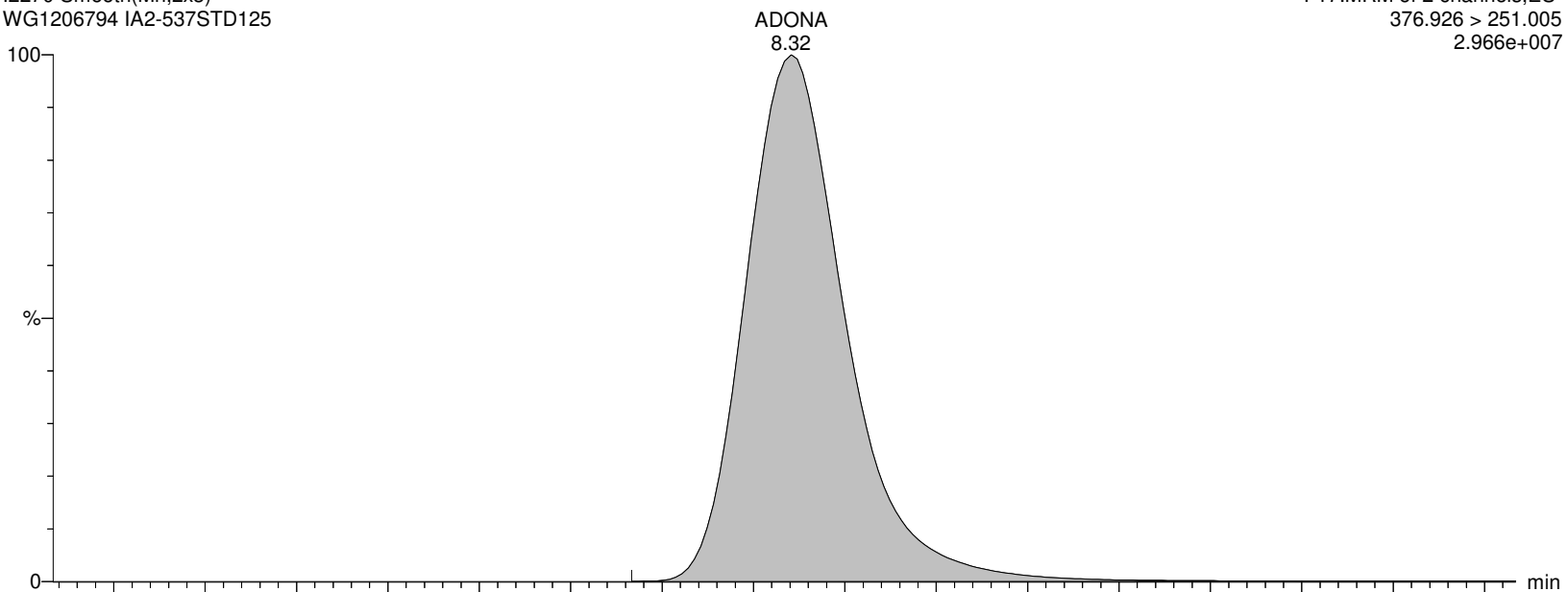
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F17:MRM of 2 channels,ES-

376.926 > 251.005

2.966e+007



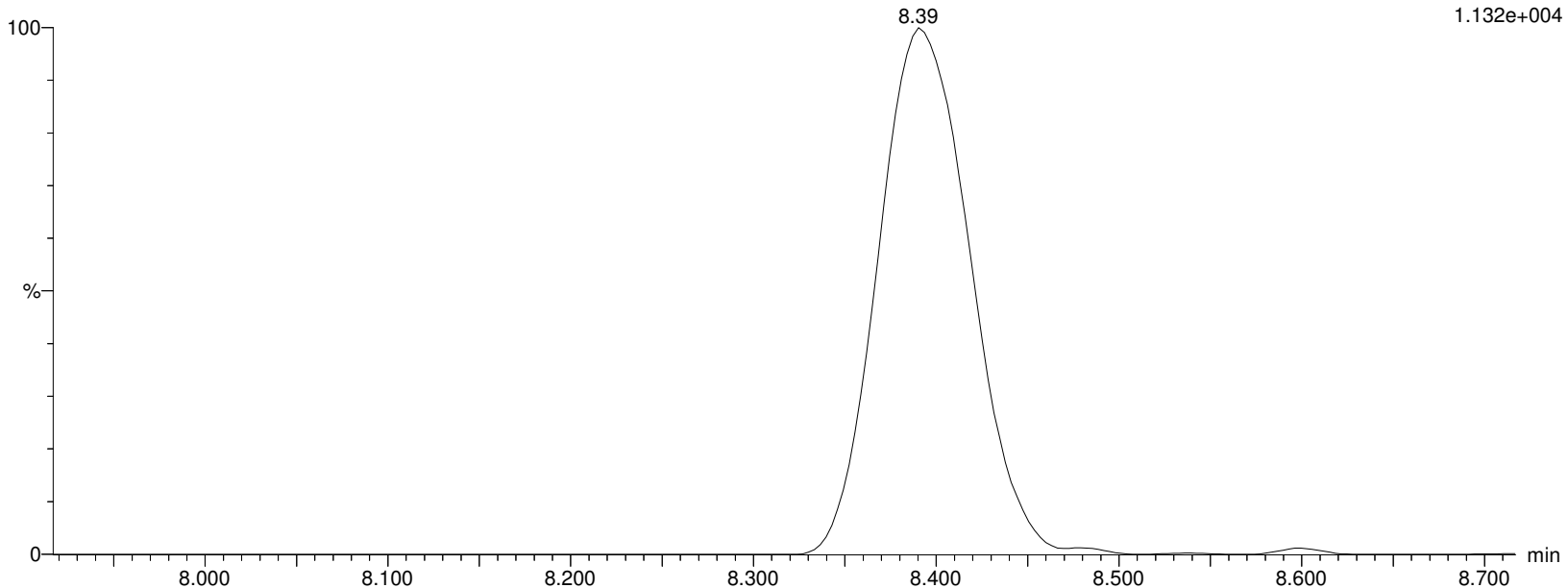
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F17:MRM of 2 channels,ES-

376.926 > 135.12

1.132e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxDA

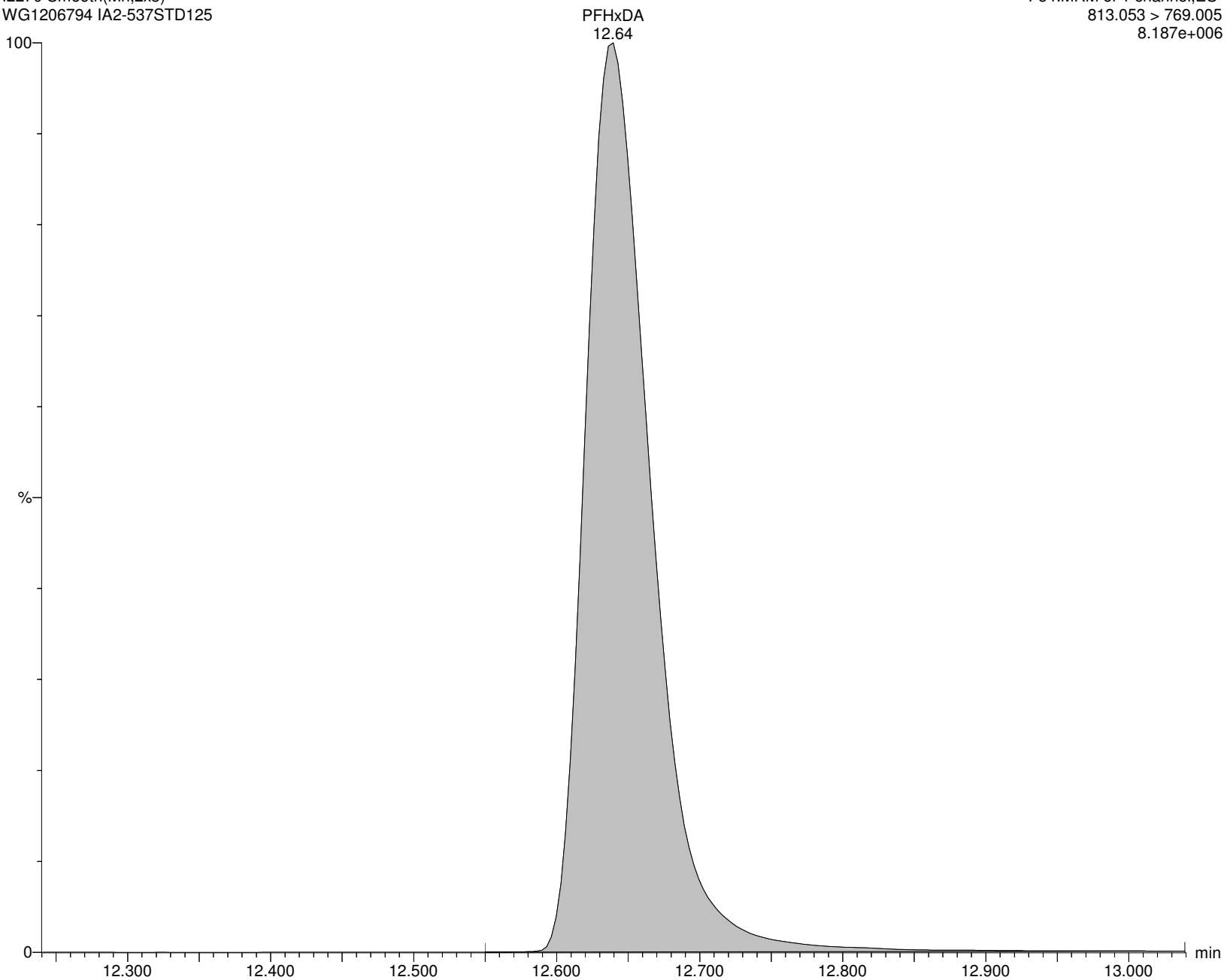
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F54:MRM of 1 channel,ES-

813.053 > 769.005

8.187e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFODA

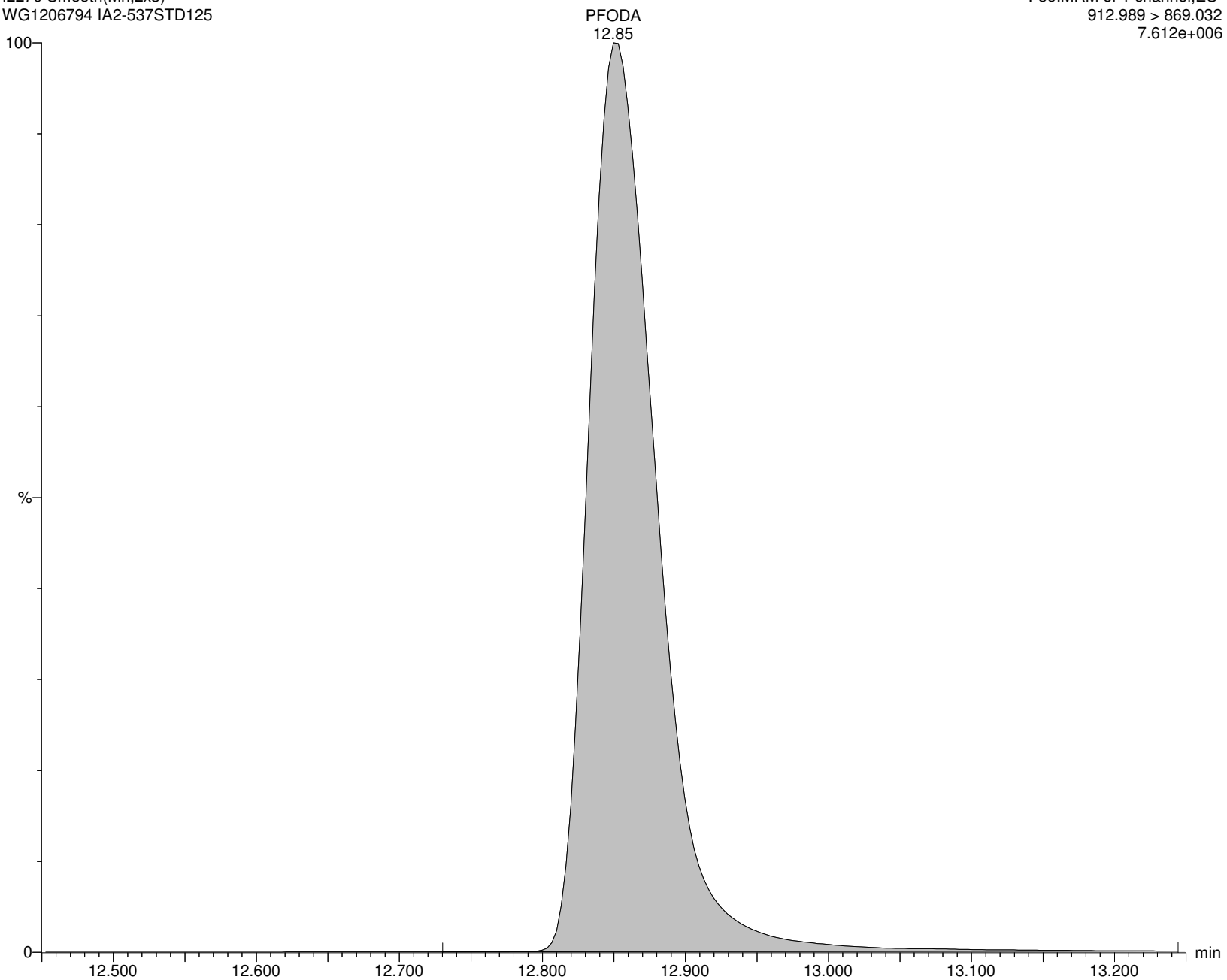
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F56:MRM of 1 channel,ES-

912.989 > 869.032

7.612e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:06 Eastern Standard Time

Name: I2270

ID: IA2-537STD125

Date: 14-Feb-2019

Time: 16:40:15

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFHxDA

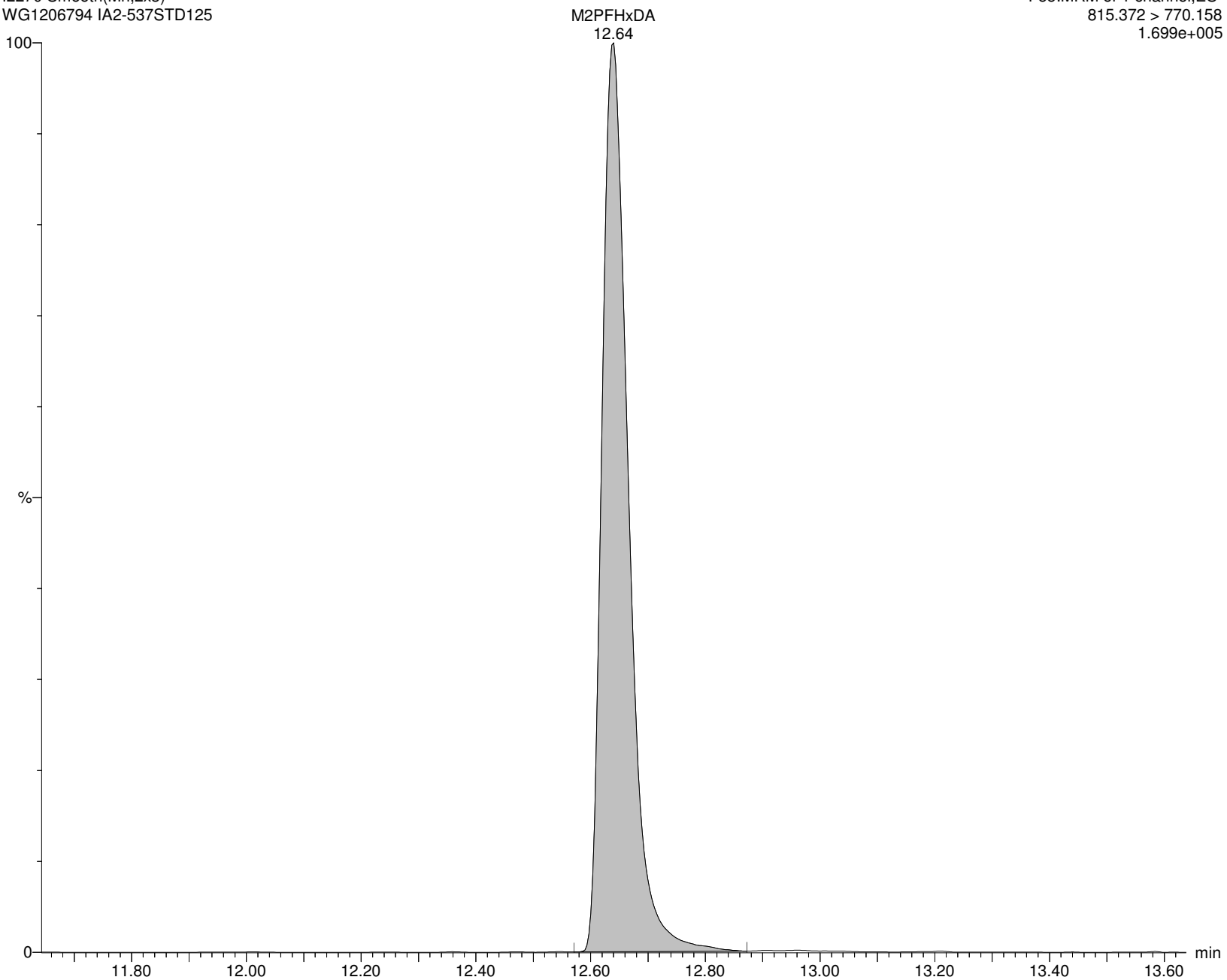
I2270 Smooth(Mn,2x3)

WG1206794 IA2-537STD125

F55:MRM of 1 channel,ES-

815.372 > 770.158

1.699e+005



Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld
Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time
Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Method: C:\MassLynx\Data\2019\190214_537ISO.PRO\MethDB\537ISO_Q.mdb 10 Jan 2019 15:42:15
Calibration: C:\MassLynx\Data\2019\190214_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 07:45:17

ID: IA2-537STD150
Name: I2271
Date: 14-Feb-2019
Time: 16:56:49
Description: WG1206794
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:PB

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.31	212.926 > 169.111	641455		150.671		na	100.4
2	M3PFBA	INT STD	2.31	215.926 > 172.122	46744		9.848		na	98.5
3	MPFBA	INT STD	2.31	216.926 > 172.137	49630		9.828		na	98.3
4	PFPeA	2706-90-3	5.04	262.926 > 219.002	970573		147.325		na	98.2
5	M5PFPEA	INT STD	5.04	267.989 > 223.081	61515		9.793		na	97.9
6	PFBS	375-73-5	5.66	298.989 > 80.295	147206		130.494		na	98.3
7	M3PFBS	INT STD	5.66	301.989 > 80.254	10806		9.842		na	98.4
8	4:2FTS	757124-72-4	6.80	326.926 > 306.957	88811		150.963	2.23	YES	107.6
9	M2-4:2FTS	INT STD	6.80	329.117 > 309.079	8571		16.828		na	168.3
10	PFHxA	307-24-4	6.89	312.989 > 269.028	1188966		149.537	18.03	NO	99.7
11	M5PFHxA	INT STD	6.88	317.989 > 273.045	78520		9.737		na	97.4
12	PFPeS	2706-91-4	7.18	348.926 > 80.251	156004		142.432	1.95	NO	101.0
13	PFHpA	375-85-9	8.14	362.926 > 319.014	1513780		150.628	5.59	NO	100.4
14	M4PFHpA	INT STD	8.14	366.926 > 321.979	100384		9.636		na	96.4
15	br-PFHxS	355-46-4	8.06	398.926 > 80.295	27720		25.472	1.92	YES	99.9
16	L-PFHxS	355-46-4	8.29	398.926 > 80.295	114994		111.016	1.46	NO	100.0
17	PFHxS	355-46-4		398.926 > 80.295	142714		136.488		na	
18	M3PFHxS	INT STD	8.29	401.926 > 80.317	7484		9.629		na	96.3
19	br-PFOA	335-67-1		412.989 > 368.9			ND		YES	
20	L-PFOA	335-67-1	9.08	412.989 > 368.9	1424397		147.148	9.90	NO	98.1
21	M2PFOA	INT STD	9.08	415.032 > 369.968	96999		9.794		na	97.9
22	PFOA	335-67-1		412.989 > 368.9	1424397		147.148		na	
23	M8PFOA	INT STD	9.08	420.989 > 375.979	90537		9.718		na	97.2
24	6:2FTS	27619-97-2	9.03	426.989 > 406.921	68057		144.773		na	101.6
25	M2-6:2FTS	INT STD	9.03	428.989 > 408.917	7607		14.869		na	148.7
26	PFHpS	375-92-8	9.17	448.926 > 80.257	84123		139.872	0.95	YES	98.2
27	PFNA	375-95-1	9.82	462.989 > 418.931	1183469		150.058	4.65	NO	100.0
28	M9PFNA	INT STD	9.82	472.053 > 426.947	85242		9.622		na	96.2
29	br-PFOS	1763-23-1	9.68	498.989 > 80.294	40047		29.754	3.92	NO	99.2
30	L-PFOS	1763-23-1	9.87	498.989 > 80.294	107231		106.970	1.72	NO	97.7
31	PFOS	1763-23-1		498.989 > 80.294	147277		136.725		na	
32	M4PFOS	INT STD	9.87	503.032 > 80.306	8827		9.546		na	95.5
33	M8PFOS	INT STD	9.87	507.053 > 80.294	8761		9.872		na	98.7
34	PFDA	335-76-2	10.45	513.053 > 468.906	986035		143.749	6.62	NO	95.8
35	M2PFDA	INT STD	10.45	515.053 > 469.934	69184		9.172		na	91.7
36	M6PFDA	INT STD	10.44	519.053 > 473.931	73983		9.991		na	99.9
37	8:2FTS	39108-34-4	10.44	526.989 > 506.946	47064		190.133		na	132.0
38	M2-8:2FTS	INT STD	10.44	529.053 > 508.945	4141		14.704		na	147.0
39	PFNS	68259-12-1	10.47	548.989 > 80.249	110723		147.218	1.40	NO	102.2

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

ID: IA2-537STD150

Name: I2271

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:PB

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.84	573.096 > 418.987	7244		10.288		na	102.9
41	NMeFOSAA	2355-31-9	10.84	570.053 > 418.917	119208		159.180		na	106.1
42	PfUnA	2058-94-8	10.98	562.989 > 518.903	990460		149.628	7.95	NO	99.8
43	M7-PFUDA	INT STD	10.98	570.053 > 524.923	60957		9.816		na	98.2
44	PFDS	335-77-3	10.99	598.926 > 80.314	105747		150.363	1.35	YES	103.9
45	FOSA	754-91-6	10.93	497.989 > 78.245	372370		150.520		na	100.3
46	M8FOSA	INT STD	10.93	506.053 > 78.286	23999		10.320		na	103.2
47	d5-NEtFOSAA	INT STD	11.12	589.117 > 418.929	6502		10.205		na	102.1
48	NEtFOSAA	2991-50-6	11.13	583.989 > 418.927	110808		157.399	2.57	YES	104.9
49	PFDoA	307-55-1	11.44	612.989 > 568.967	1041078		154.858	14.11	NO	103.2
50	MPFDOA	INT STD	11.45	614.989 > 569.92	73925		10.375		na	103.7
51	PFTTrDA	72629-94-8	11.85	663.053 > 618.969	746307		147.835	11.38	NO	98.6
52	PFTA	376-06-7	12.20	713.053 > 668.976	623079		152.685	9.17	NO	101.8
53	M2PFTEDA	INT STD	12.20	715.053 > 669.945	48251		10.170		na	101.7
54	M3HFPO-DA	INT STD	7.29	331.989 > 286.995	13541		292.780		na	146.4
55	HFPO-DA	13252-13-6	7.29	328.989 > 284.982	109533		2939.578		na	98.0
56	ADONA	958445-44-8	8.32	376.926 > 251.005	2207025		143.114		YES	100.8
57	PFHxDA		12.64	813.053 > 769.005	503365		148.922		na	99.3
58	PFODA		12.85	912.989 > 869.032	494649		149.768		na	99.8
59	M2PFHxDA		12.63	815.372 > 770.158	9066		9.995		na	99.9

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Method: C:\MassLynx\Data\2019\190214_537ISO.PRO\MethDB\537ISO_Q.mdb 10 Jan 2019 15:42:15

Calibration: C:\MassLynx\Data\2019\190214_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 07:45:17

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBA

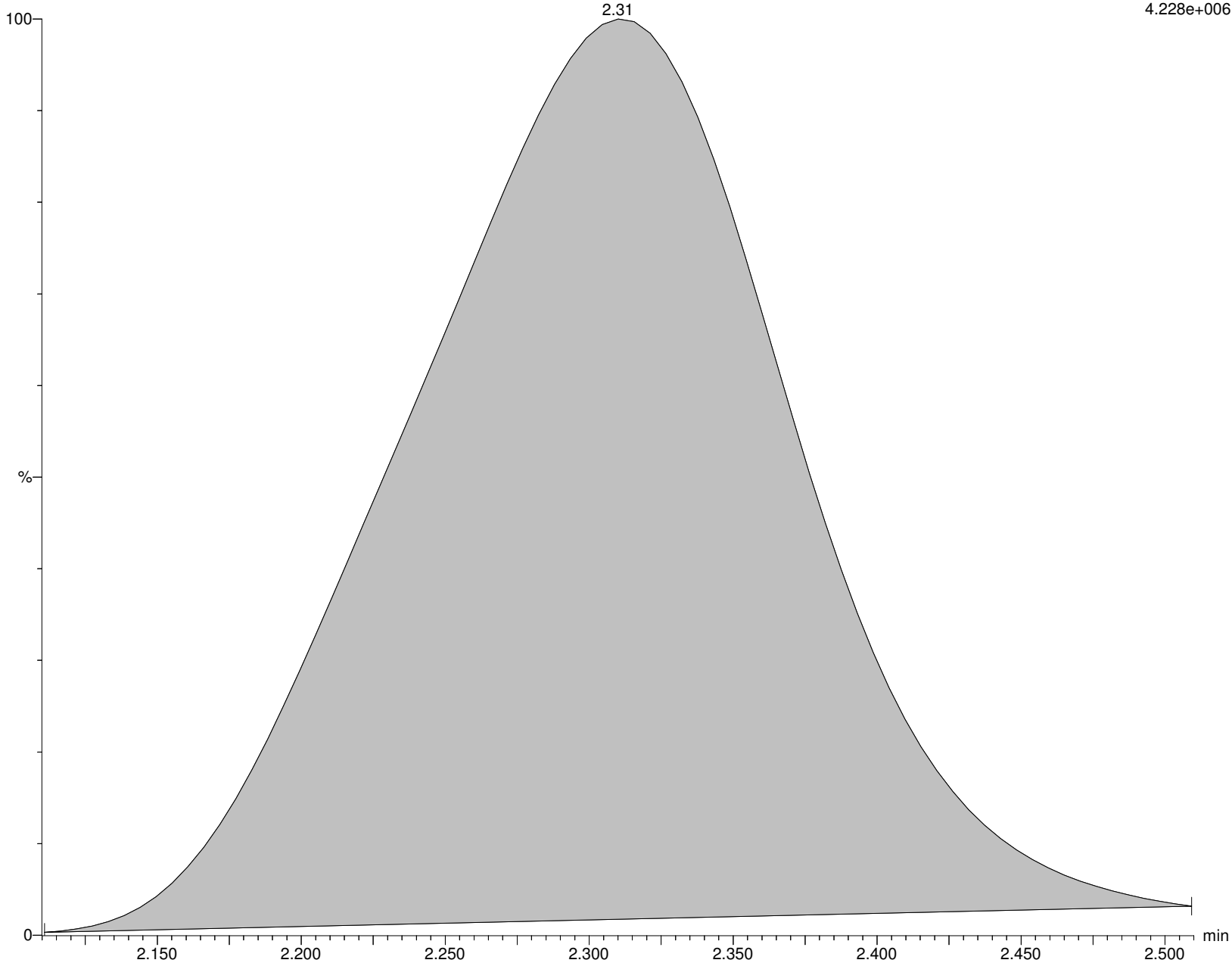
I2271 Smooth(Mn,2x5)

WG1206794 IA2-537STD150

F1:MRM of 1 channel,ES-

212.926 > 169.111

4.228e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBA

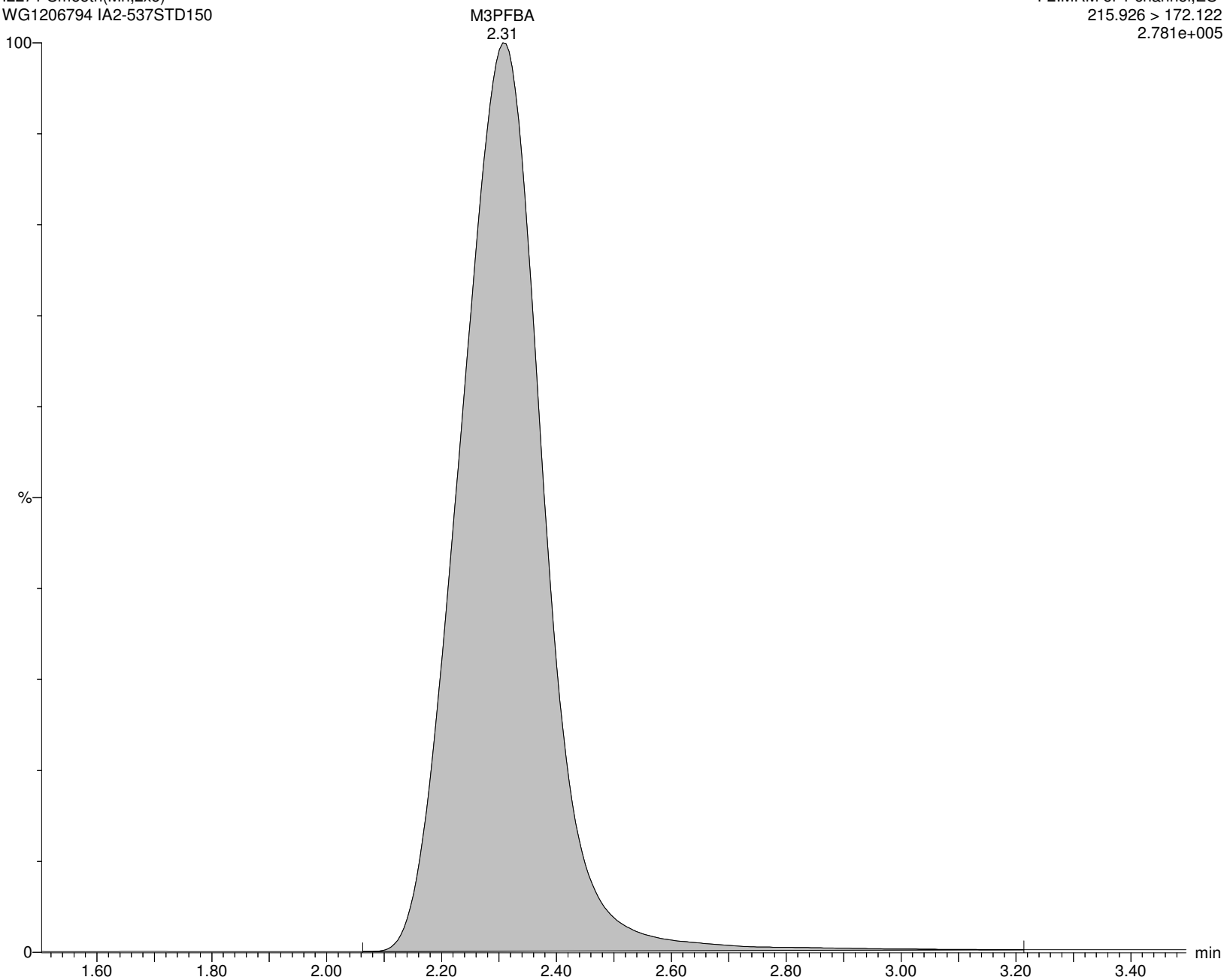
I2271 Smooth(Mn,2x6)

WG1206794 IA2-537STD150

F2:MRM of 1 channel,ES-

215.926 > 172.122

2.781e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFBA

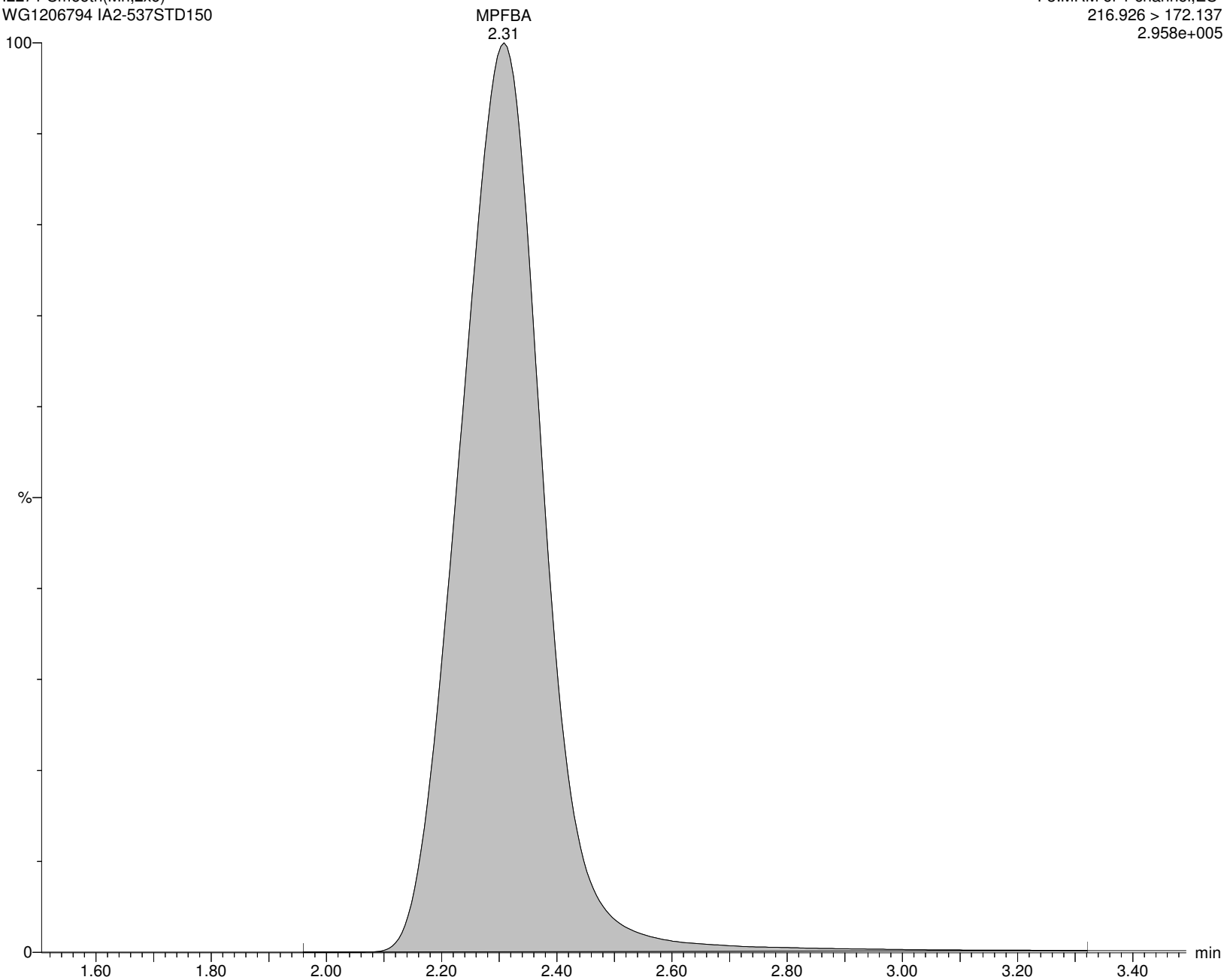
I2271 Smooth(Mn,2x6)

WG1206794 IA2-537STD150

F3:MRM of 1 channel,ES-

216.926 > 172.137

2.958e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeA

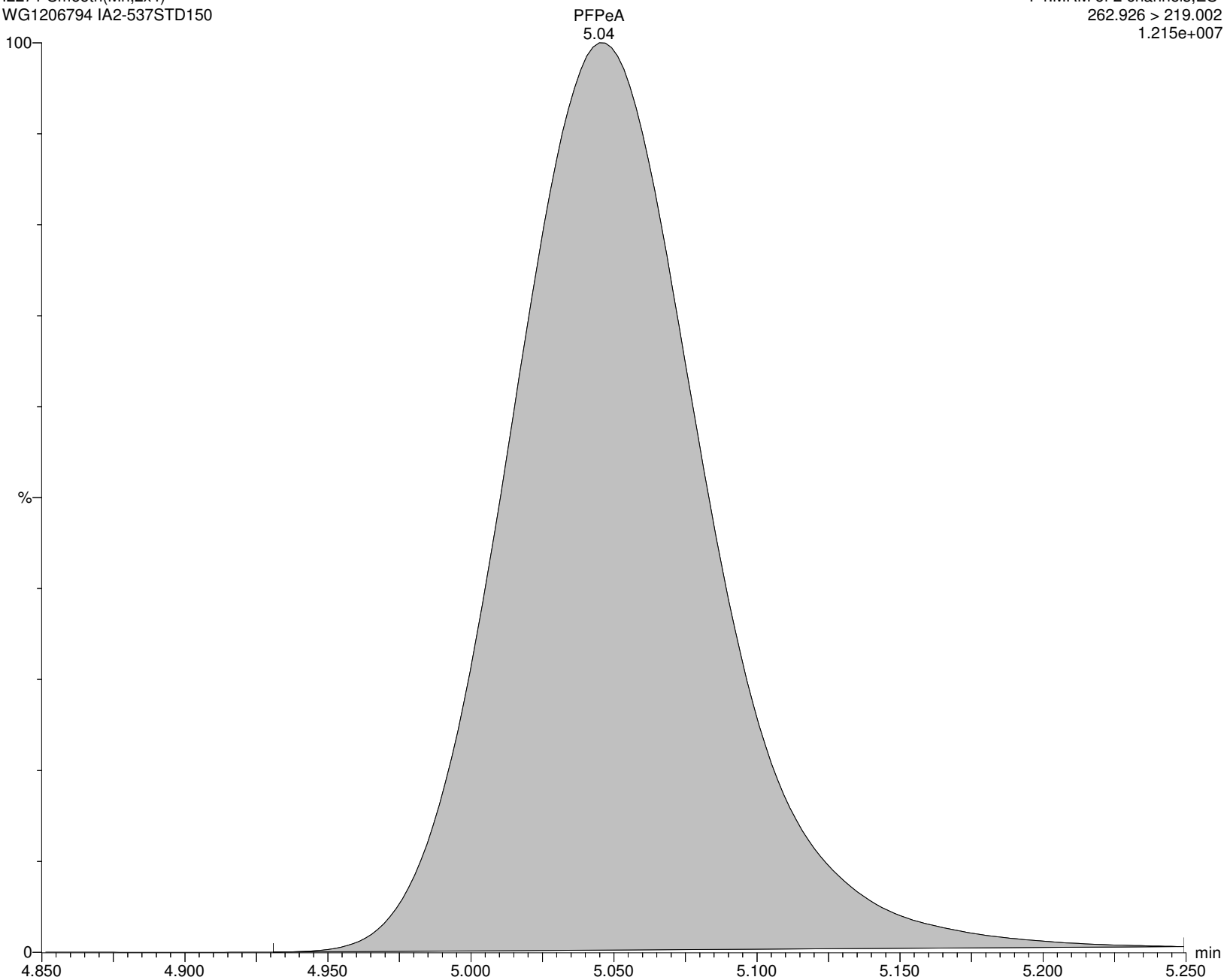
I2271 Smooth(Mn,2x4)

WG1206794 IA2-537STD150

F4:MRM of 2 channels,ES-

262.926 > 219.002

1.215e+007



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFPEA

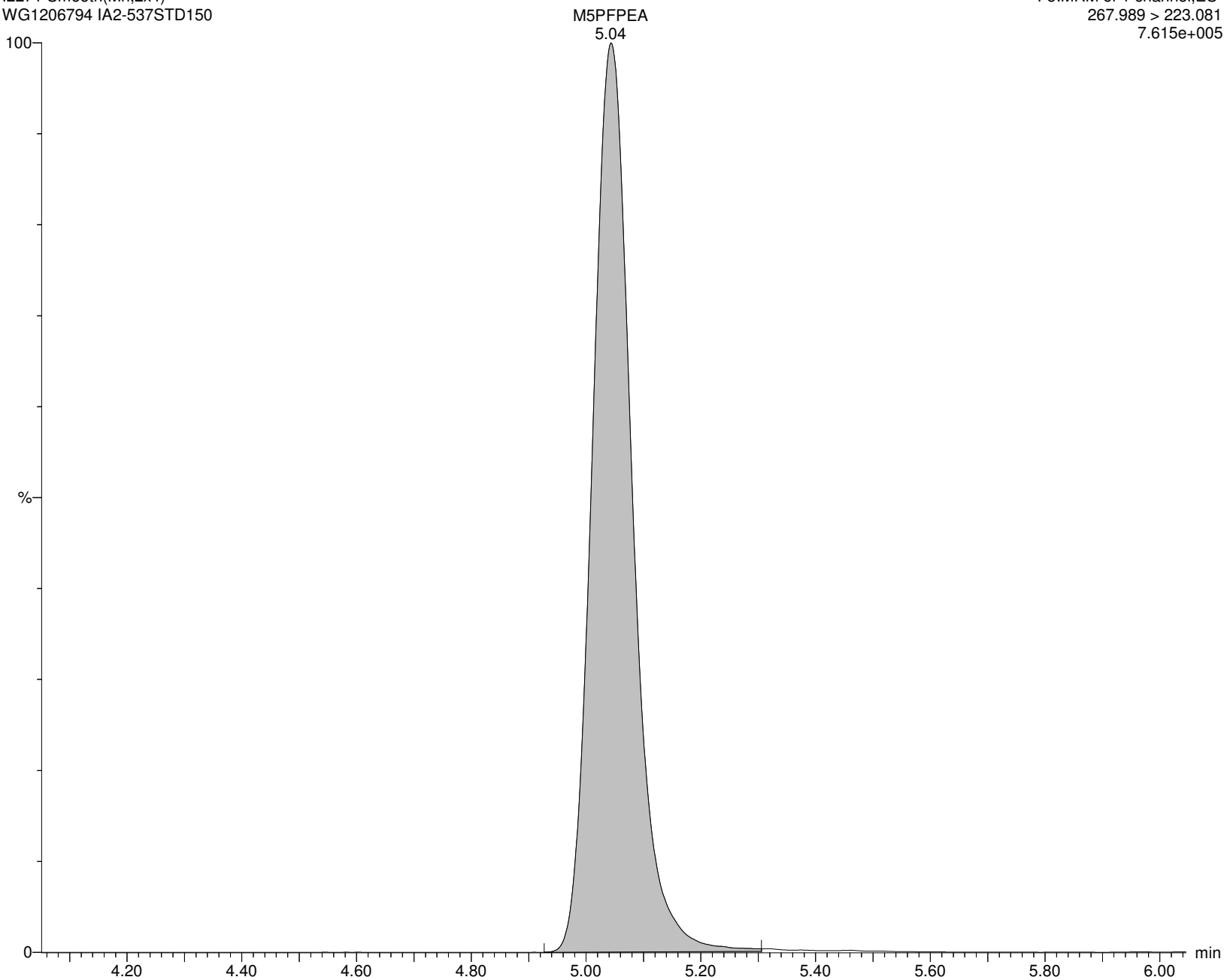
I2271 Smooth(Mn,2x4)

WG1206794 IA2-537STD150

F5:MRM of 1 channel,ES-

267.989 > 223.081

7.615e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBS

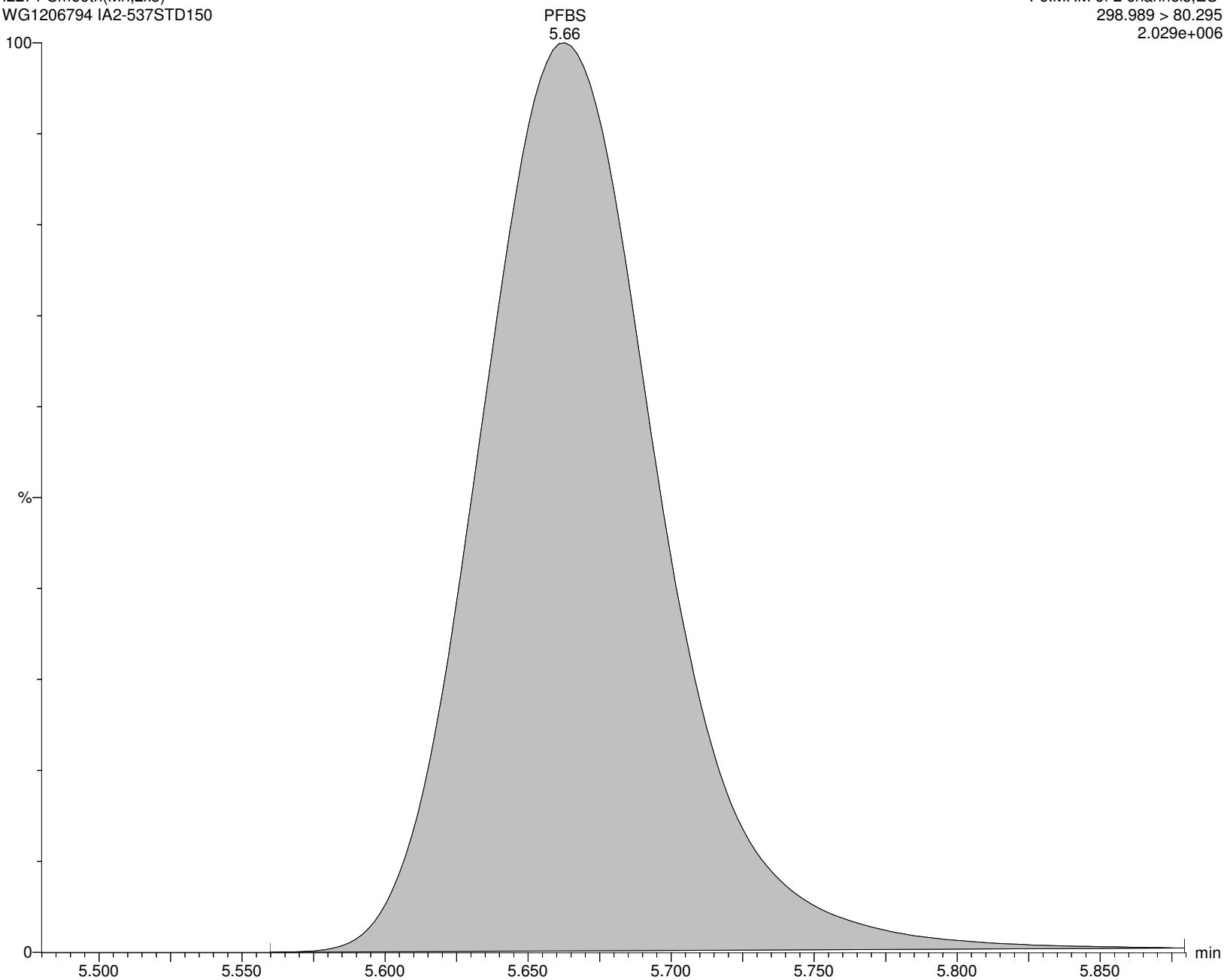
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F6:MRM of 2 channels,ES-

298.989 > 80.295

2.029e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBS

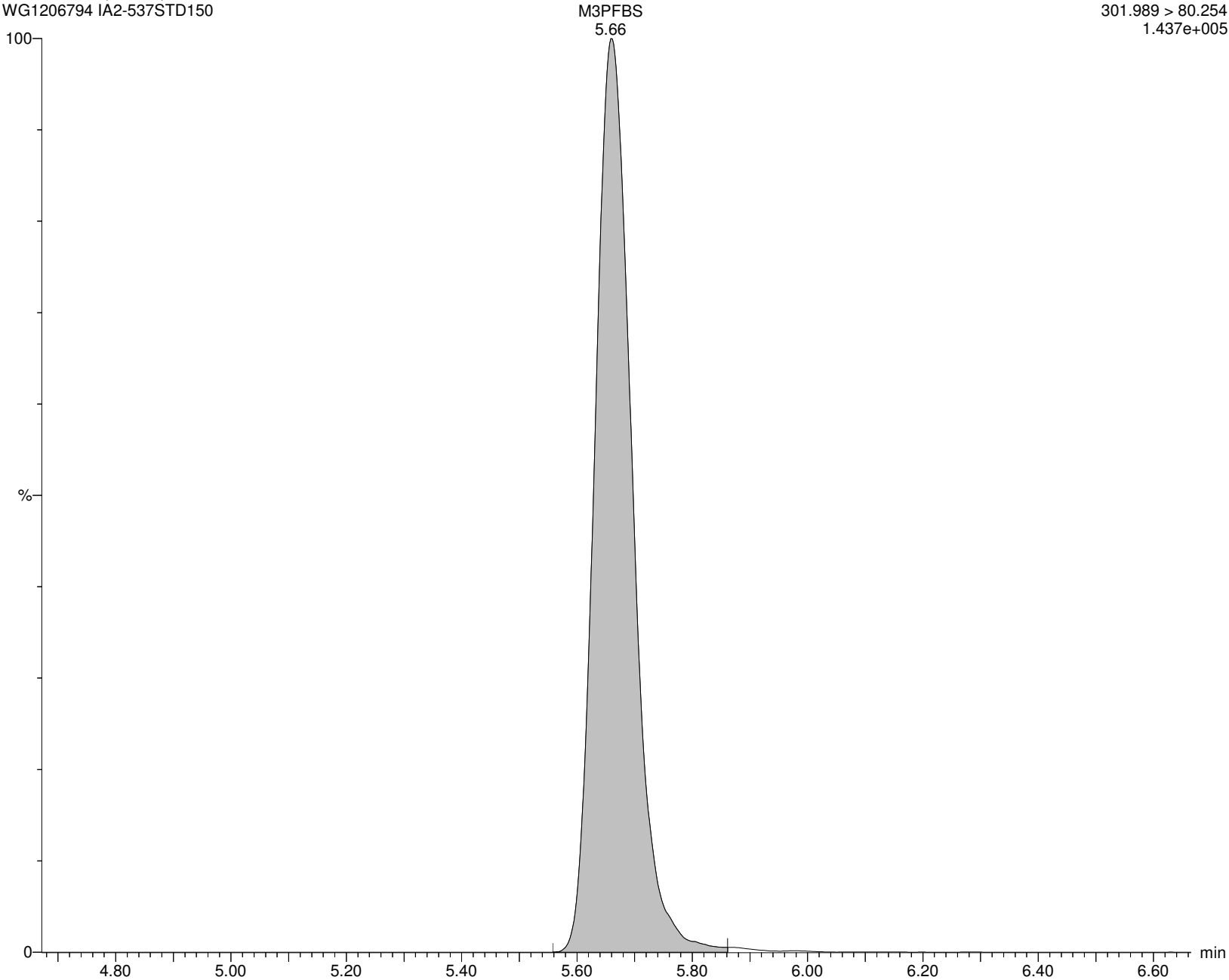
I2271 Smooth(Mn,2x4)

WG1206794 IA2-537STD150

F7:MRM of 1 channel,ES-

301.989 > 80.254

1.437e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

4:2FTS

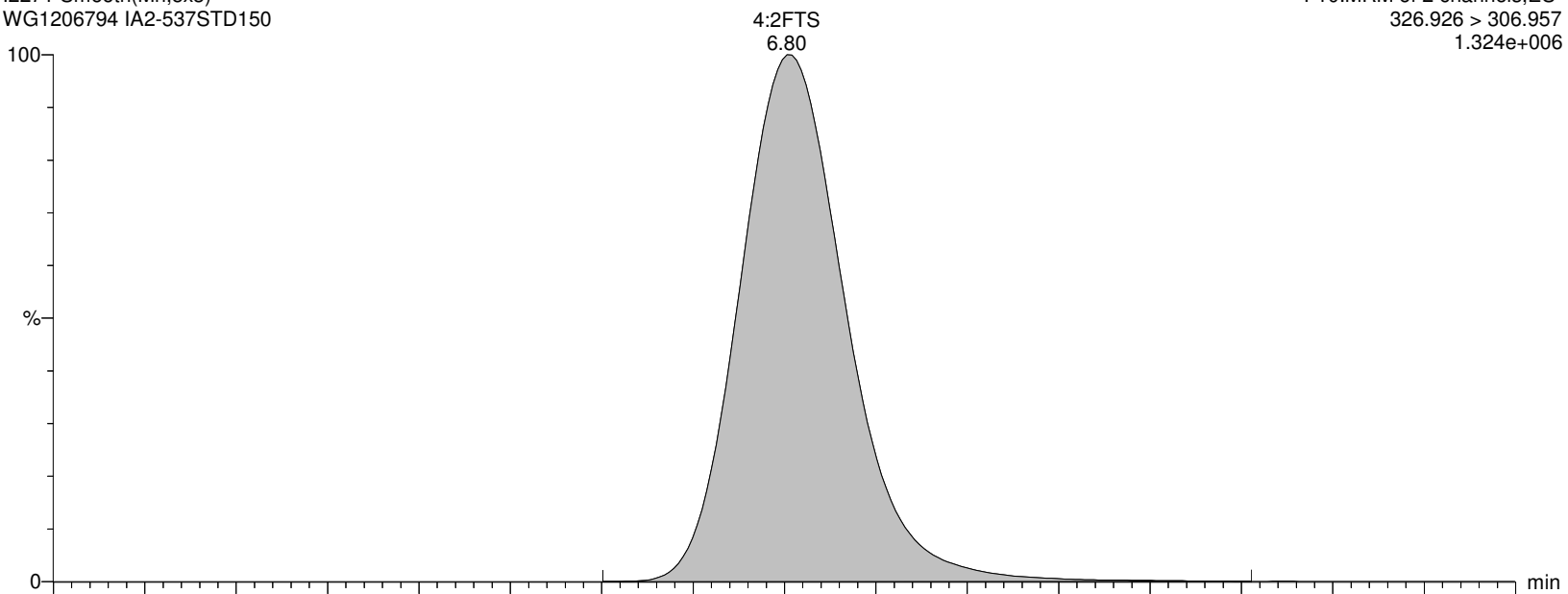
I2271 Smooth(Mn,5x3)

WG1206794 IA2-537STD150

F10:MRM of 2 channels,ES-

326.926 > 306.957

1.324e+006



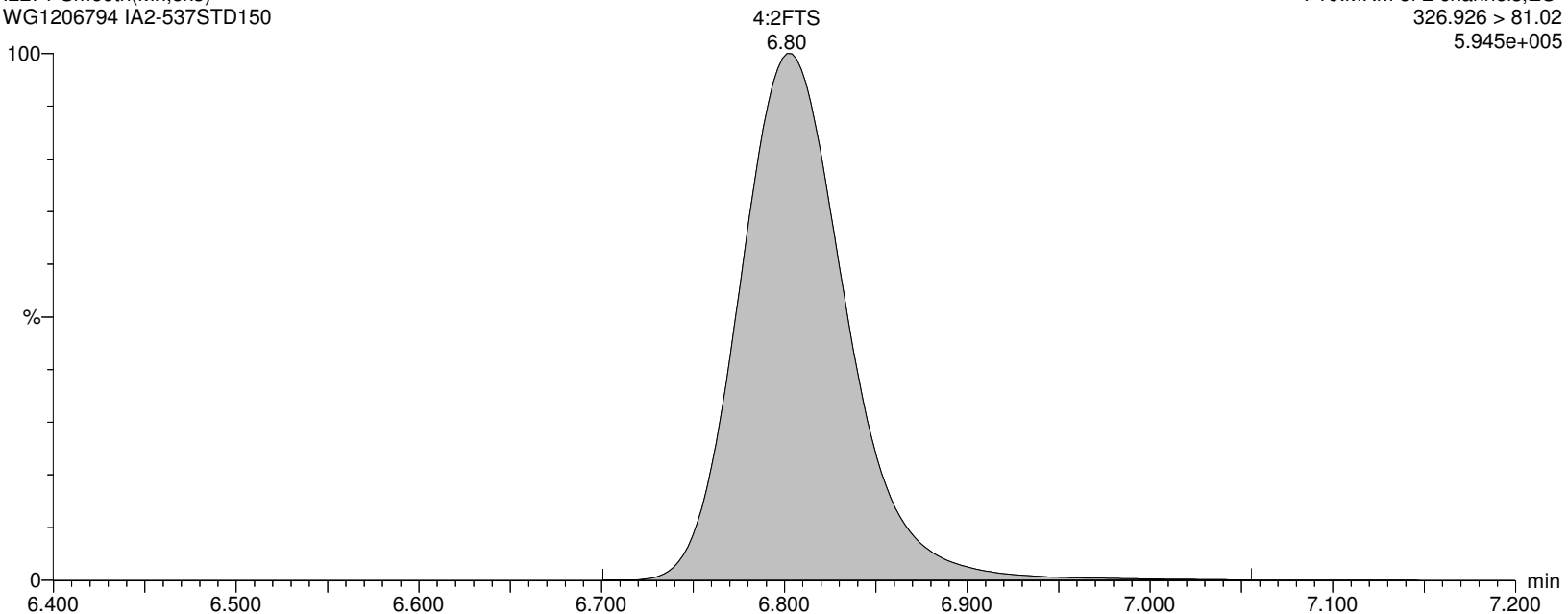
I2271 Smooth(Mn,5x3)

WG1206794 IA2-537STD150

F10:MRM of 2 channels,ES-

326.926 > 81.02

5.945e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-4:2FTS

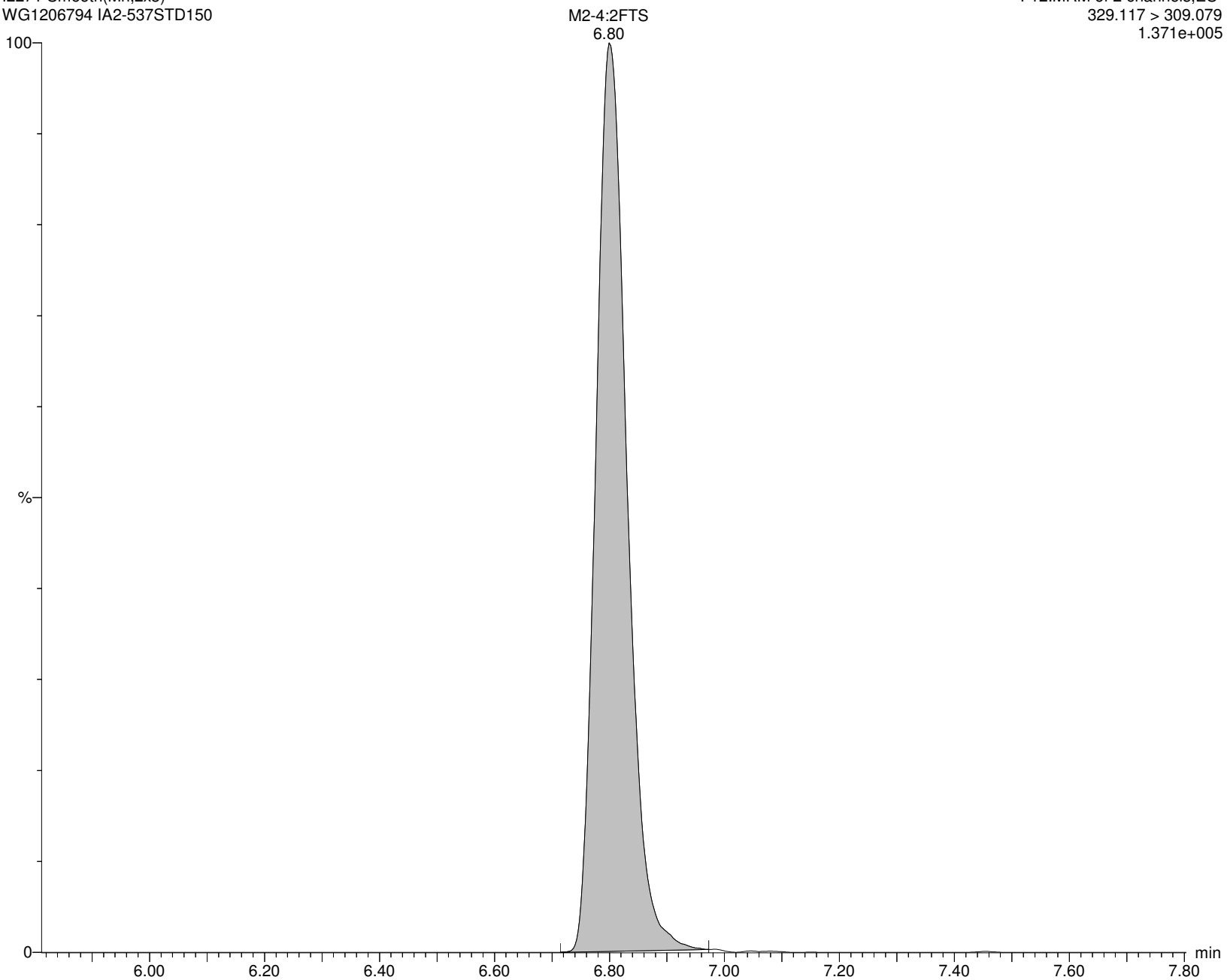
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F12:MRM of 2 channels,ES-

329.117 > 309.079

1.371e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxA

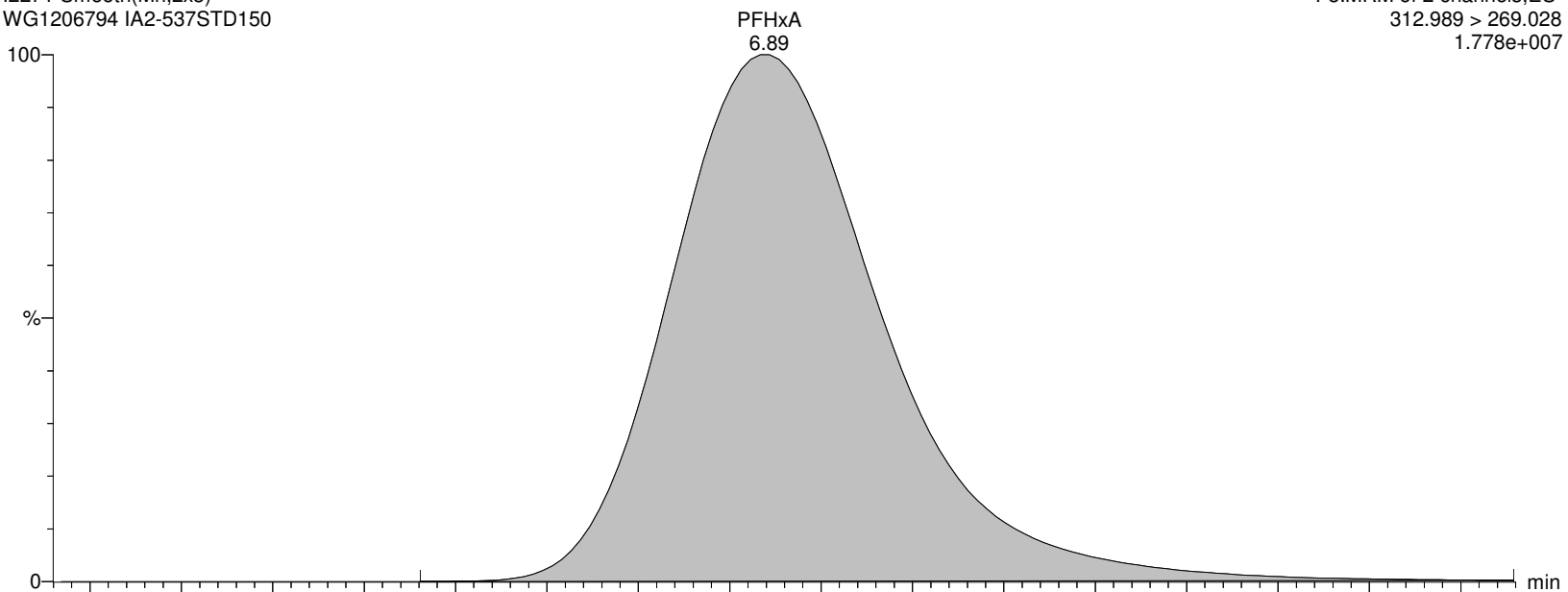
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F8:MRM of 2 channels,ES-

312.989 > 269.028

1.778e+007



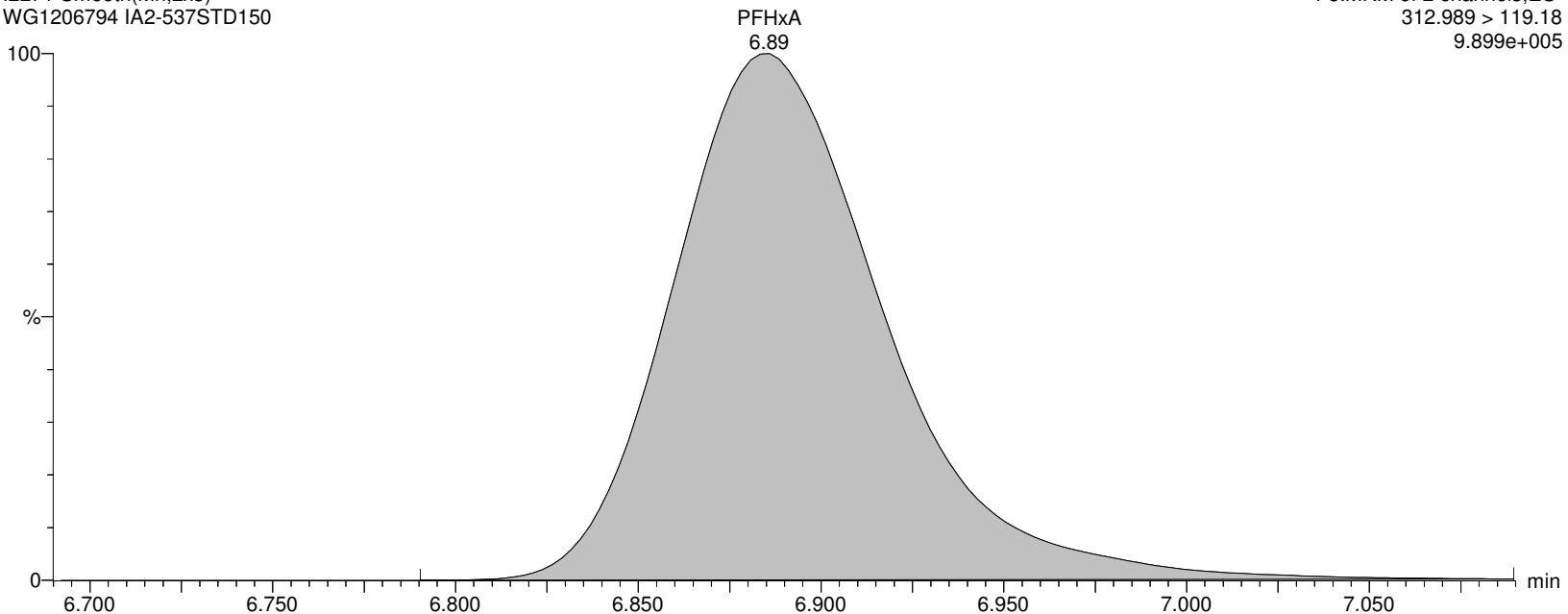
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F8:MRM of 2 channels,ES-

312.989 > 119.18

9.899e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFHxA

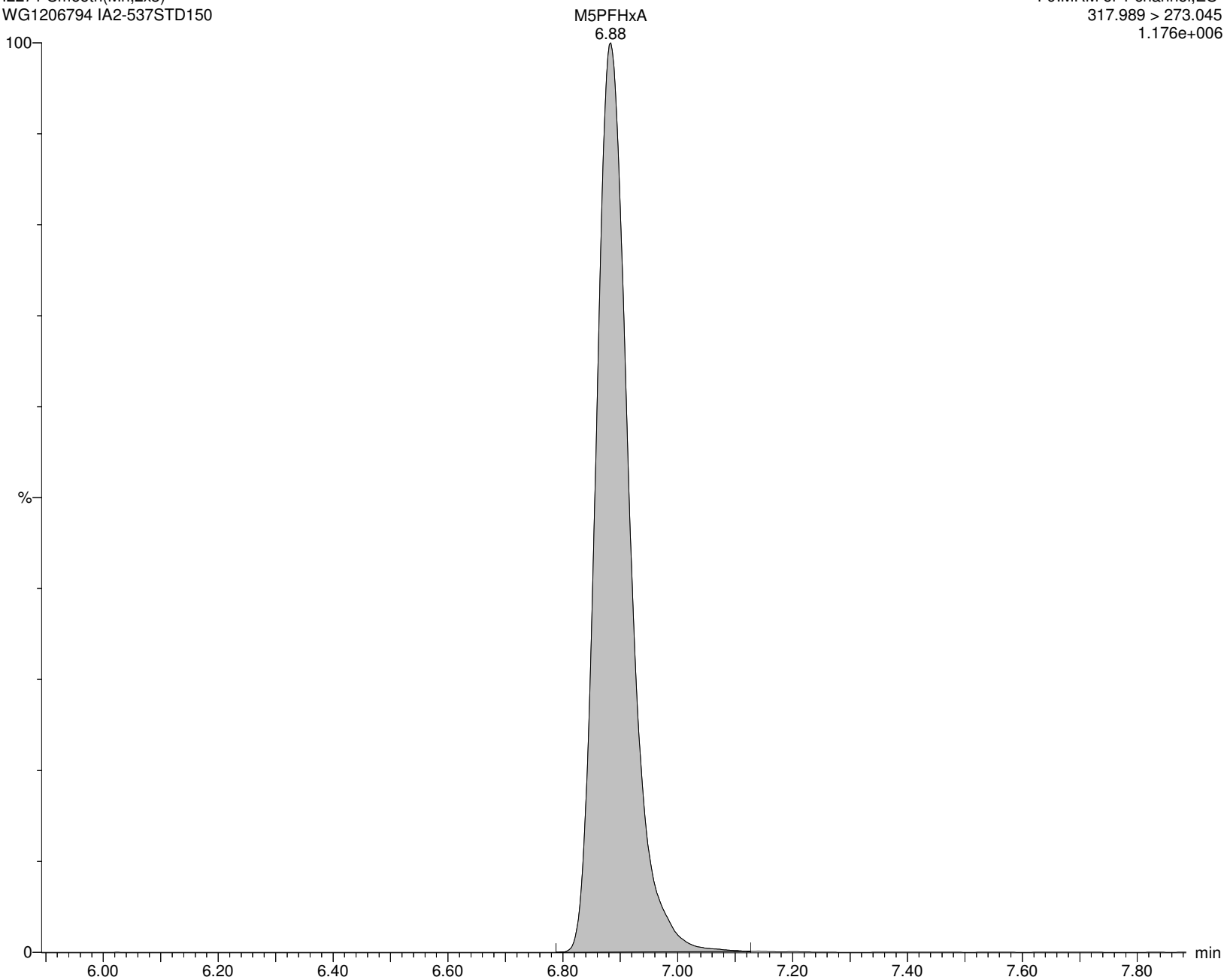
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F9:MRM of 1 channel,ES-

317.989 > 273.045

1.176e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeS

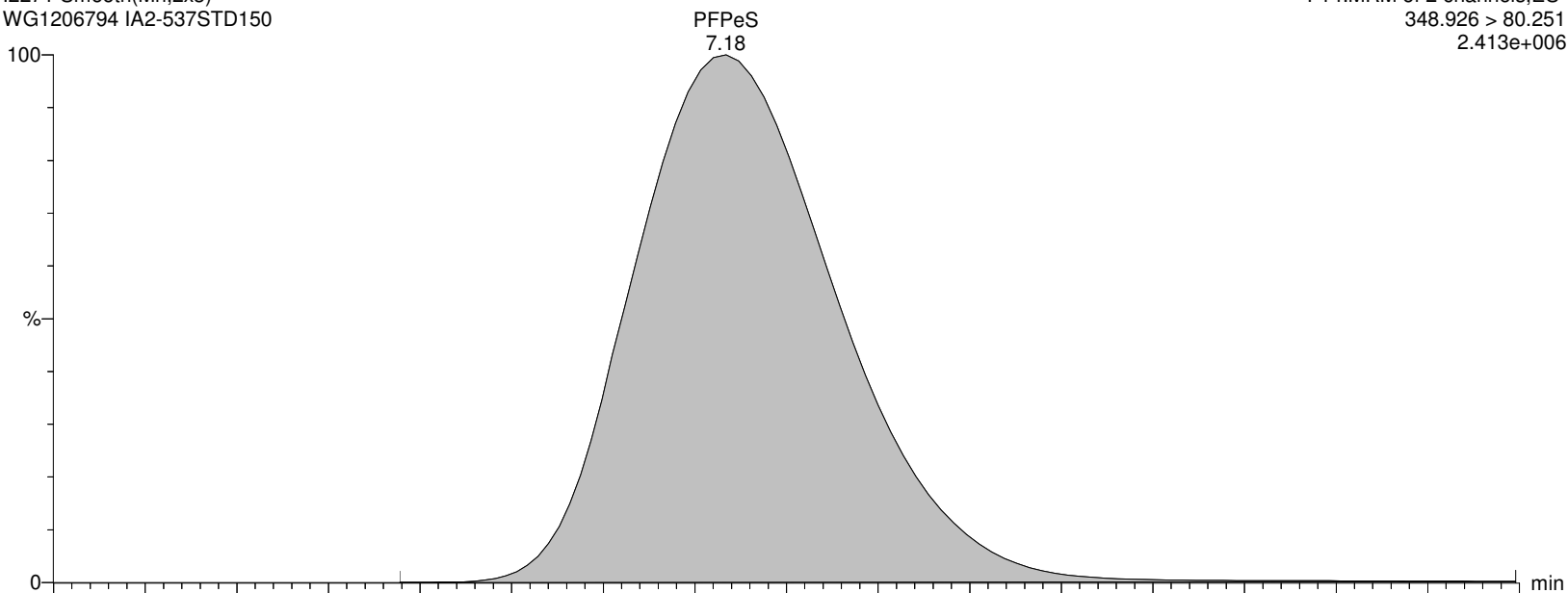
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F14:MRM of 2 channels,ES-

348.926 > 80.251

2.413e+006



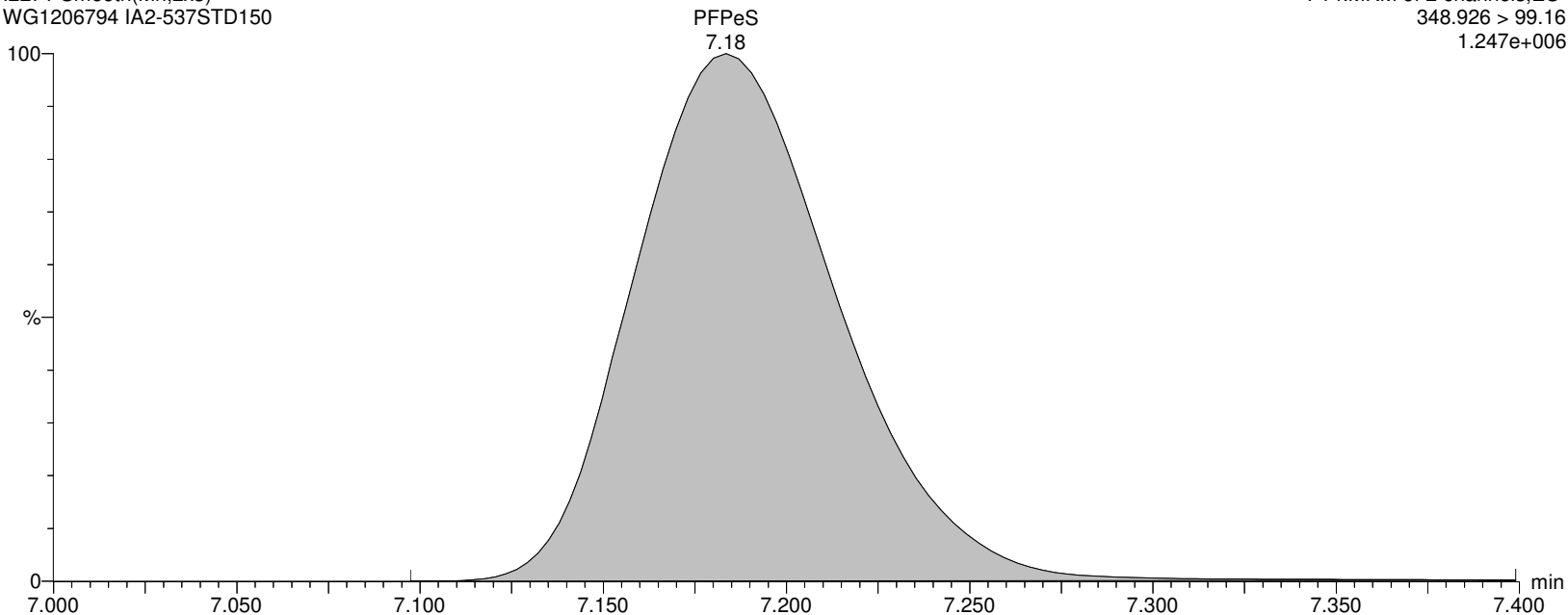
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F14:MRM of 2 channels,ES-

348.926 > 99.16

1.247e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpA

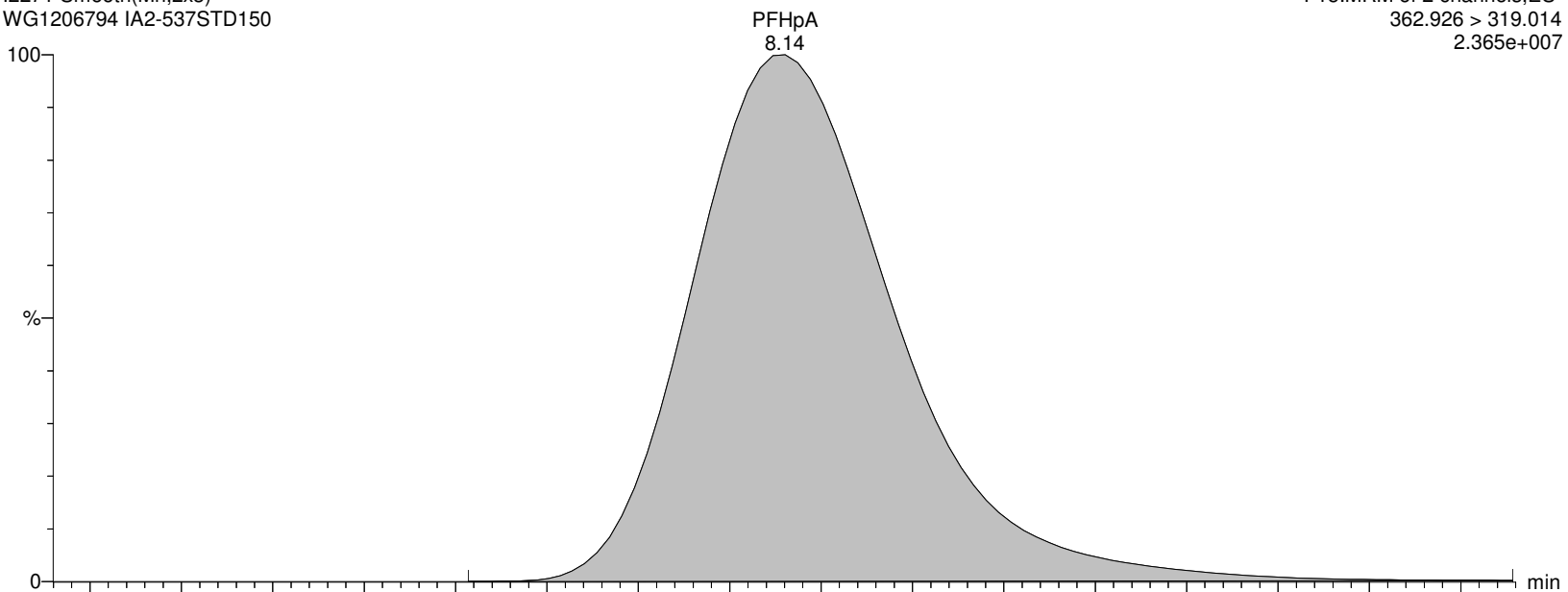
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F15:MRM of 2 channels,ES-

362.926 > 319.014

2.365e+007



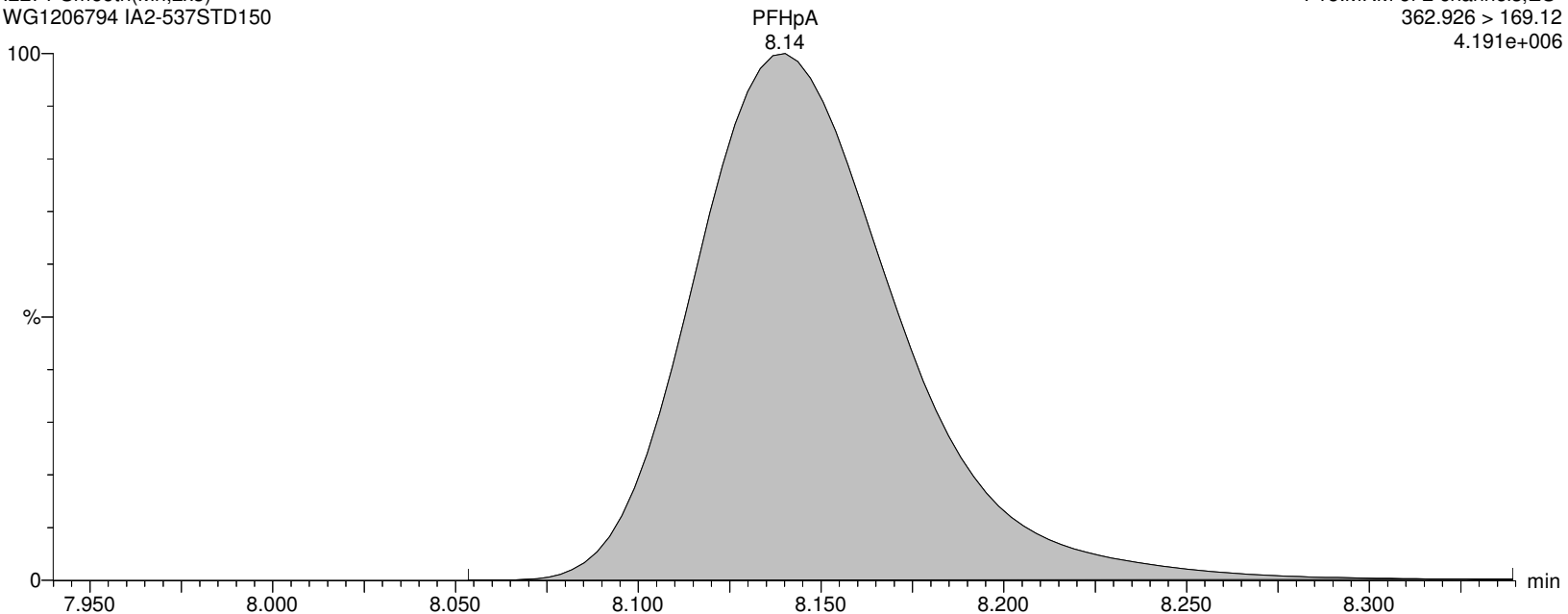
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F15:MRM of 2 channels,ES-

362.926 > 169.12

4.191e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFHpA

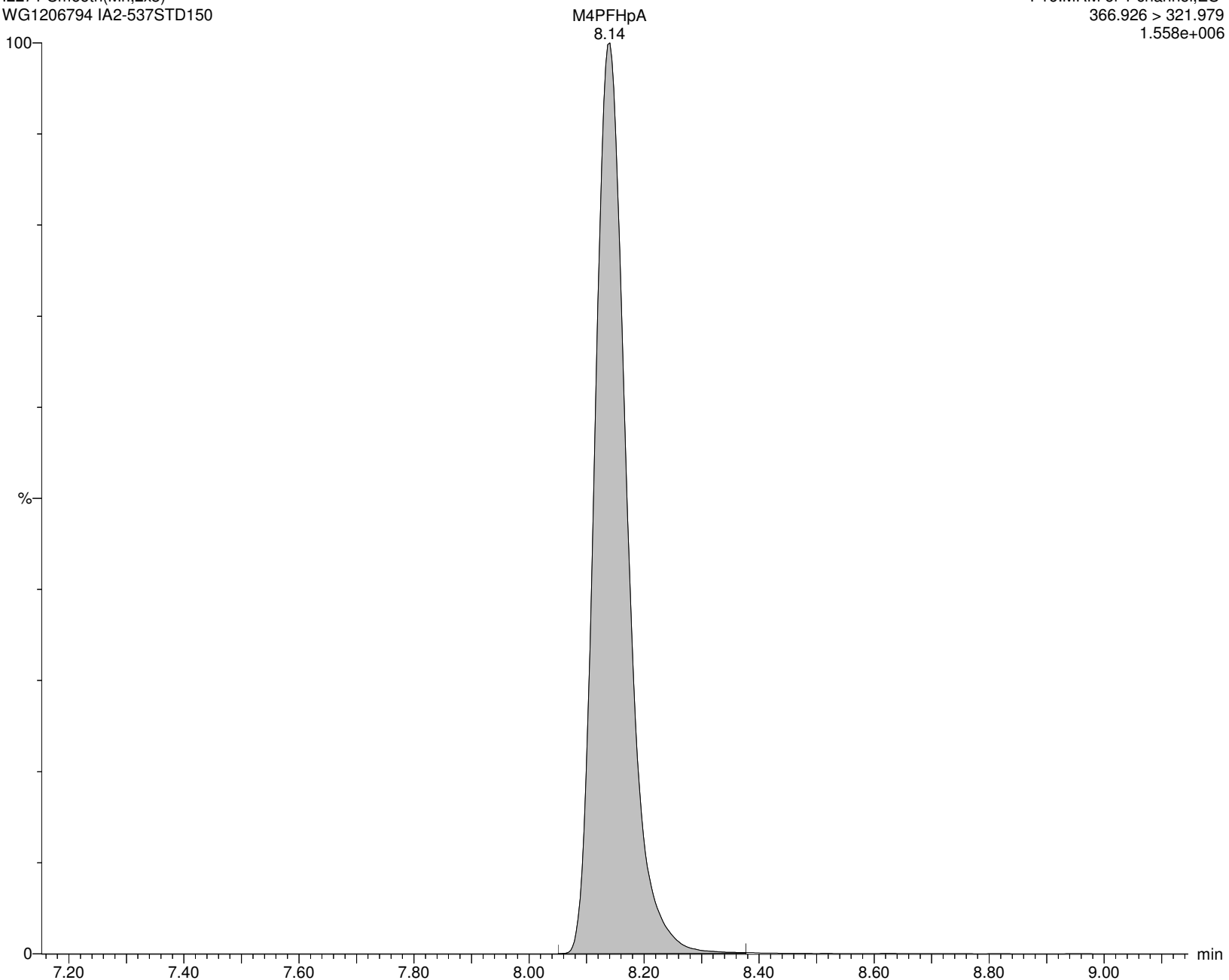
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F16:MRM of 1 channel,ES-

366.926 > 321.979

1.558e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFHxS

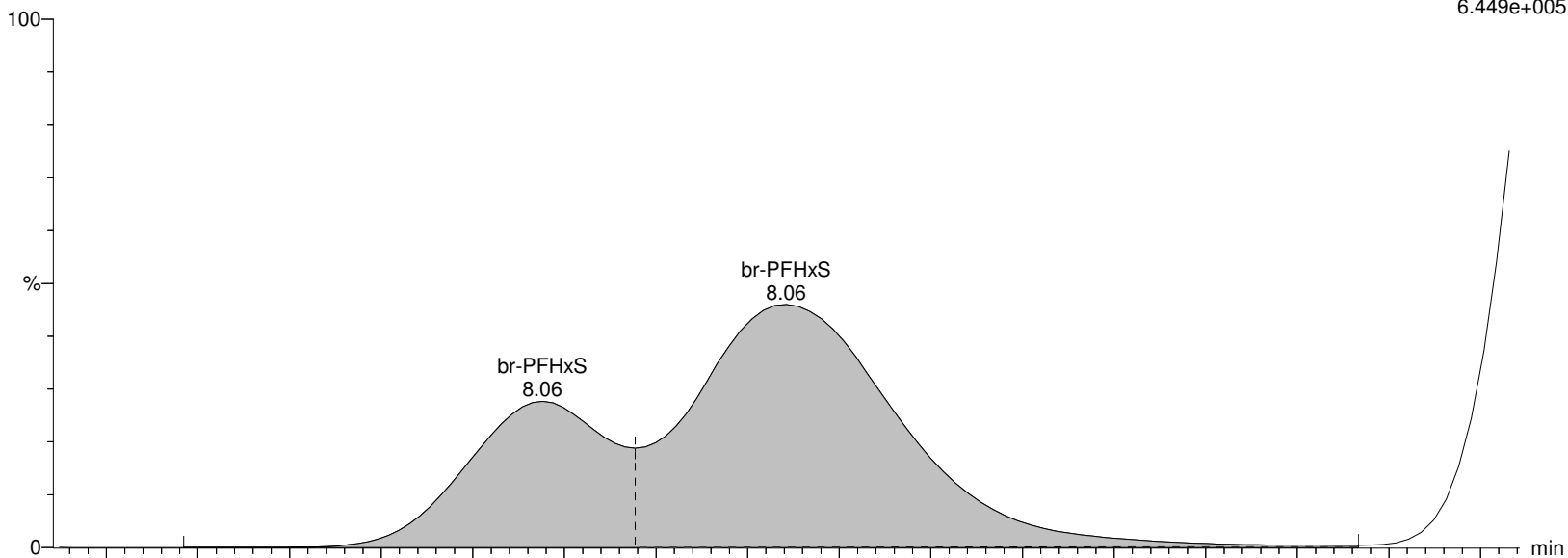
I2271 Smooth(Mn,3x2)

WG1206794 IA2-537STD150

F18:MRM of 2 channels,ES-

398.926 > 80.295

6.449e+005



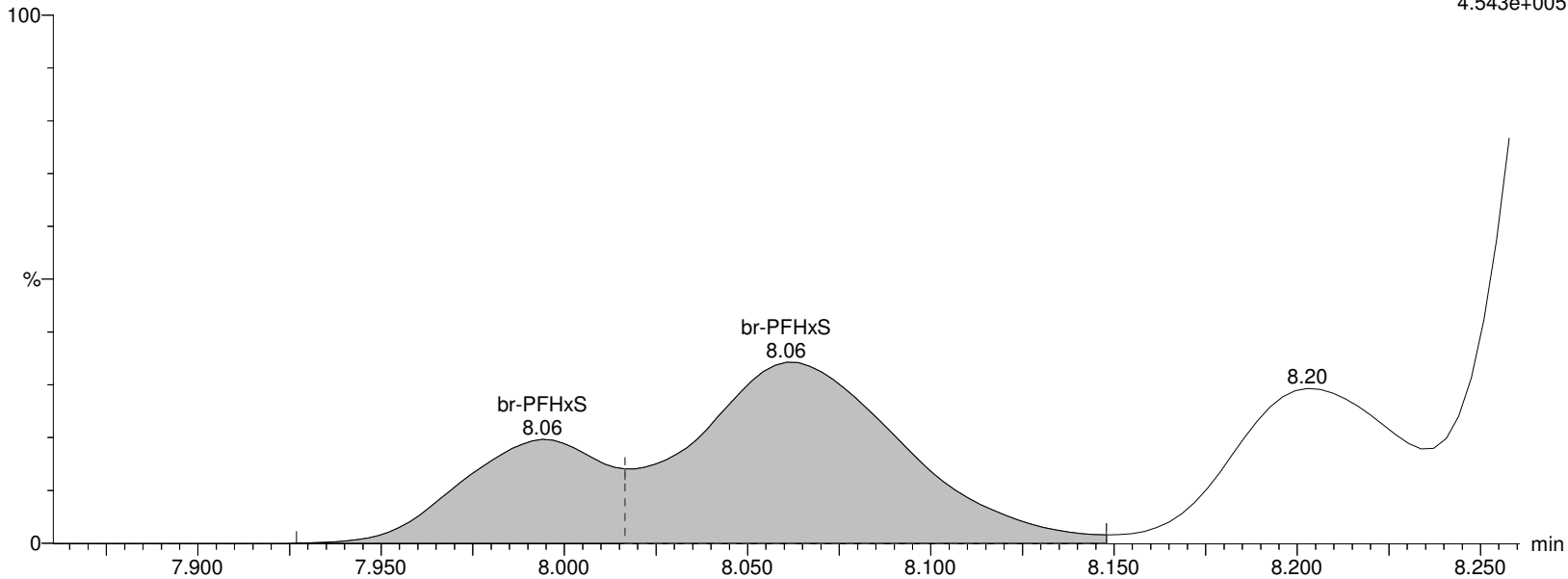
I2271 Smooth(Mn,3x2)

WG1206794 IA2-537STD150

F18:MRM of 2 channels,ES-

398.926 > 99.2

4.543e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFHxS

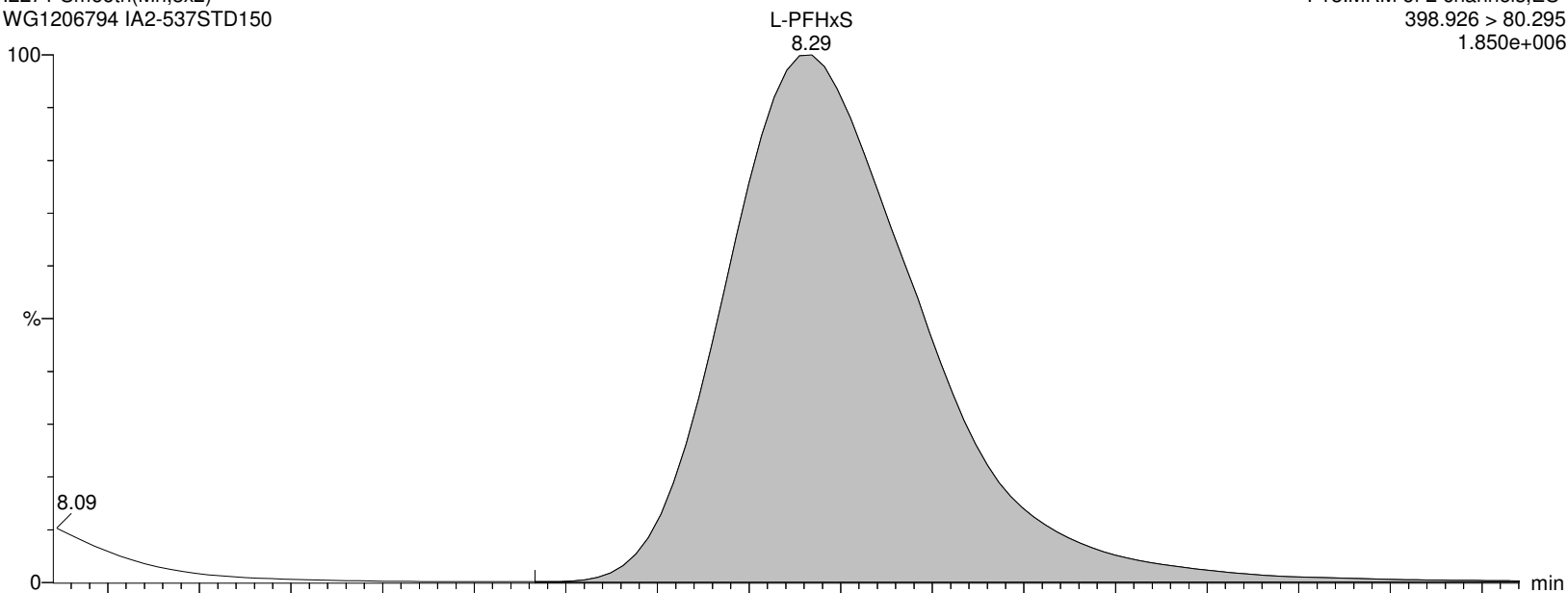
I2271 Smooth(Mn,3x2)

WG1206794 IA2-537STD150

F18:MRM of 2 channels,ES-

398.926 > 80.295

1.850e+006



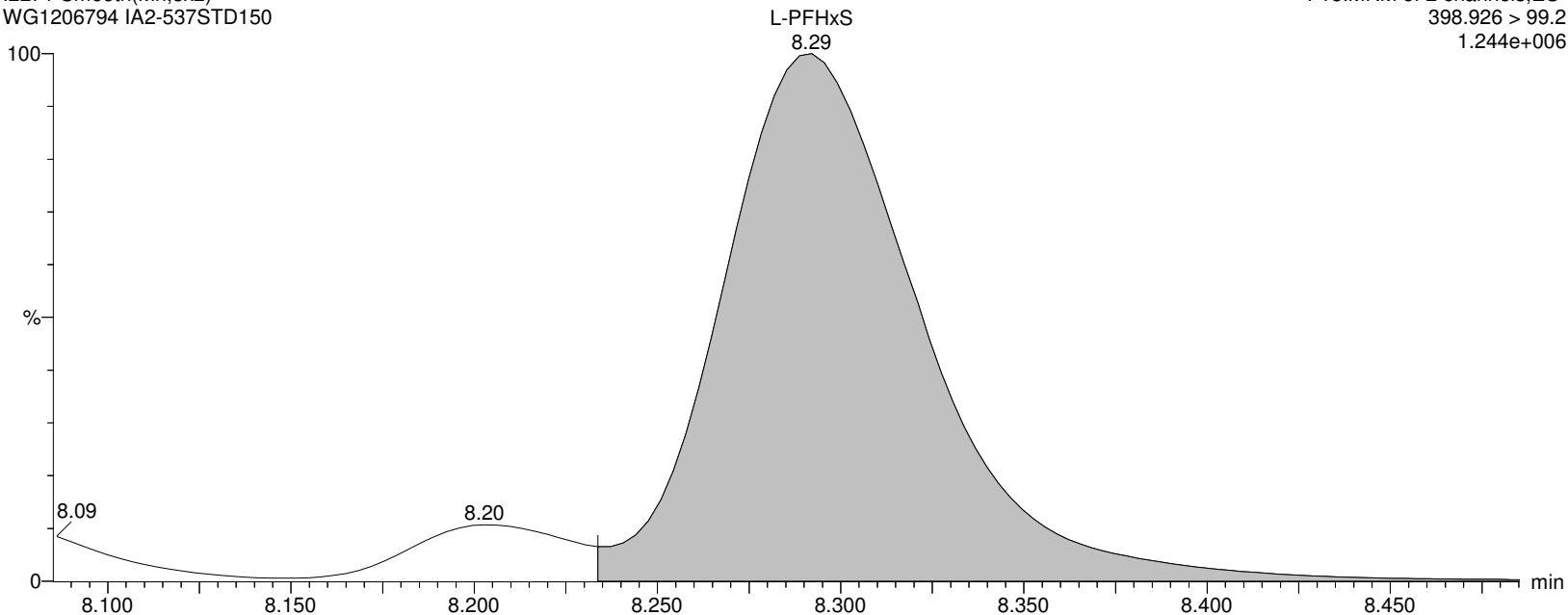
I2271 Smooth(Mn,3x2)

WG1206794 IA2-537STD150

F18:MRM of 2 channels,ES-

398.926 > 99.2

1.244e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxS

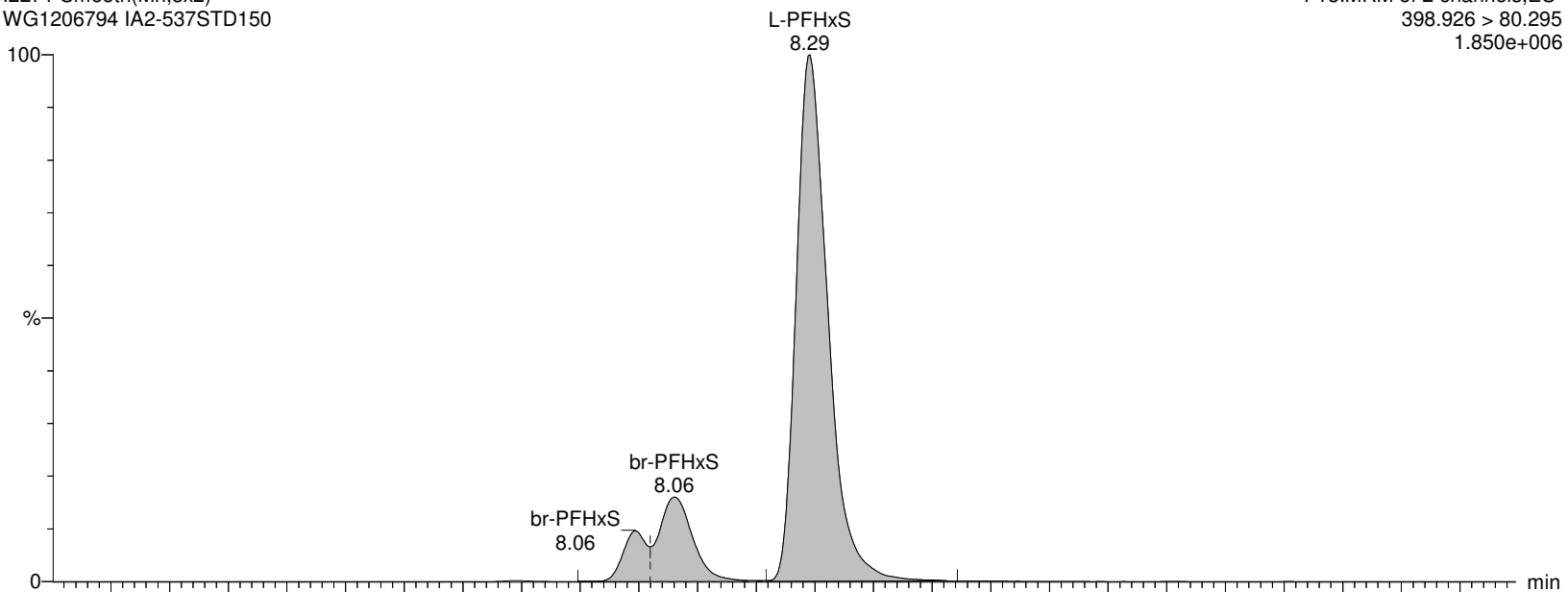
I2271 Smooth(Mn,3x2)

WG1206794 IA2-537STD150

F18:MRM of 2 channels,ES-

398.926 > 80.295

1.850e+006



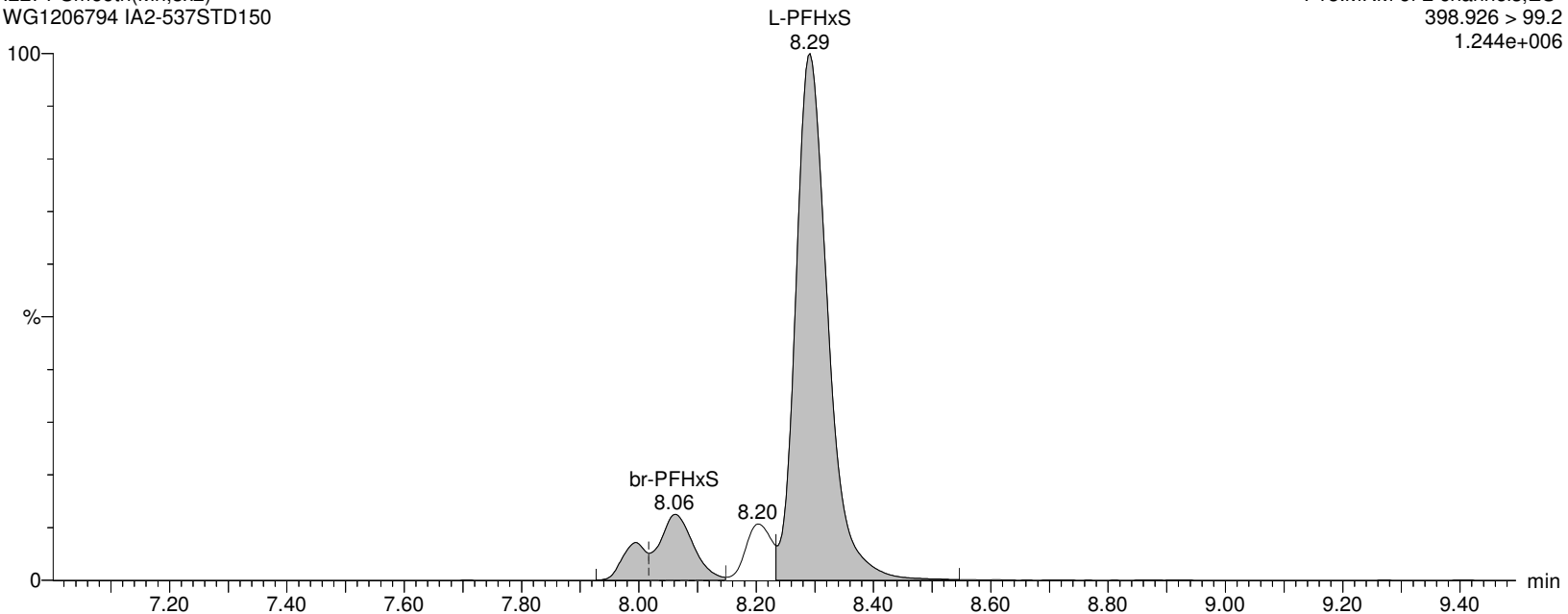
I2271 Smooth(Mn,3x2)

WG1206794 IA2-537STD150

F18:MRM of 2 channels,ES-

398.926 > 99.2

1.244e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFHxS

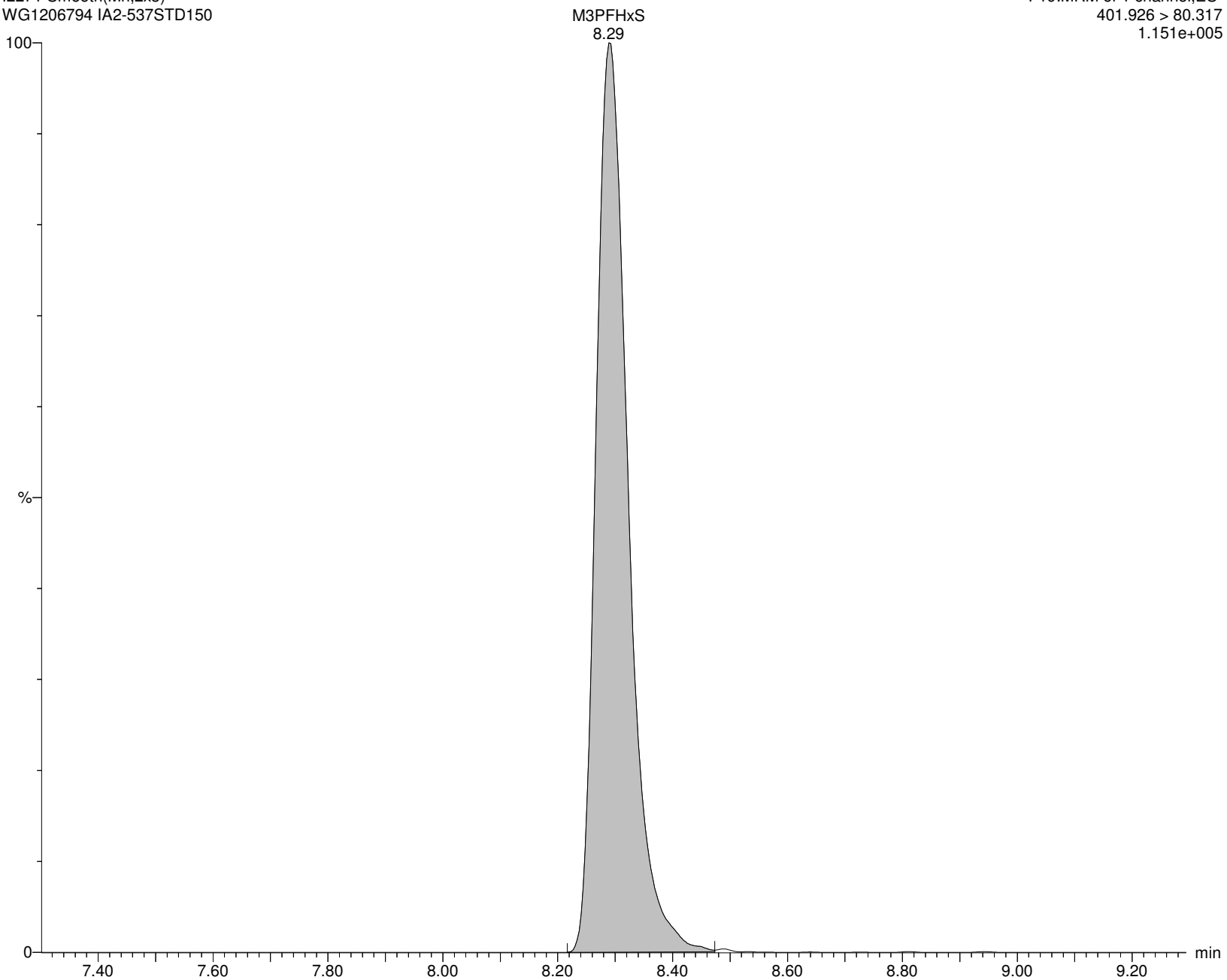
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F19:MRM of 1 channel,ES-

401.926 > 80.317

1.151e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOA

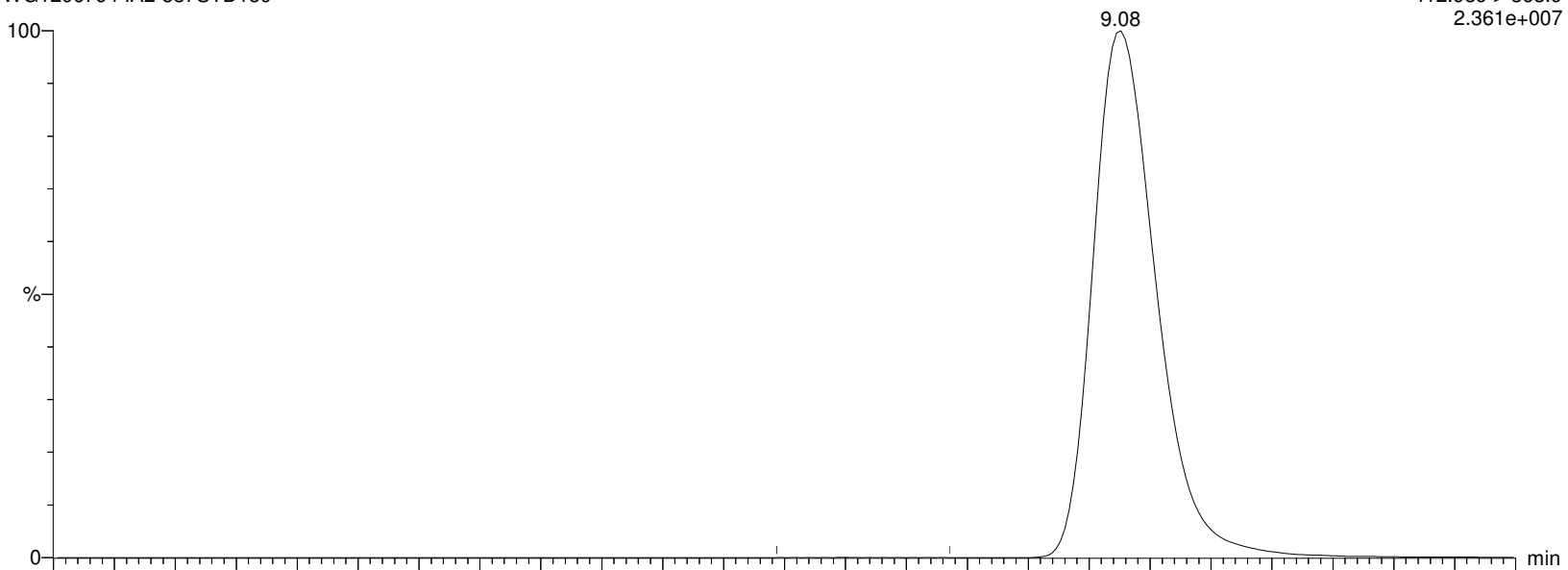
I2271 Smooth(Mn,2x2)

WG1206794 IA2-537STD150

F20:MRM of 2 channels,ES-

412.989 > 368.9

2.361e+007



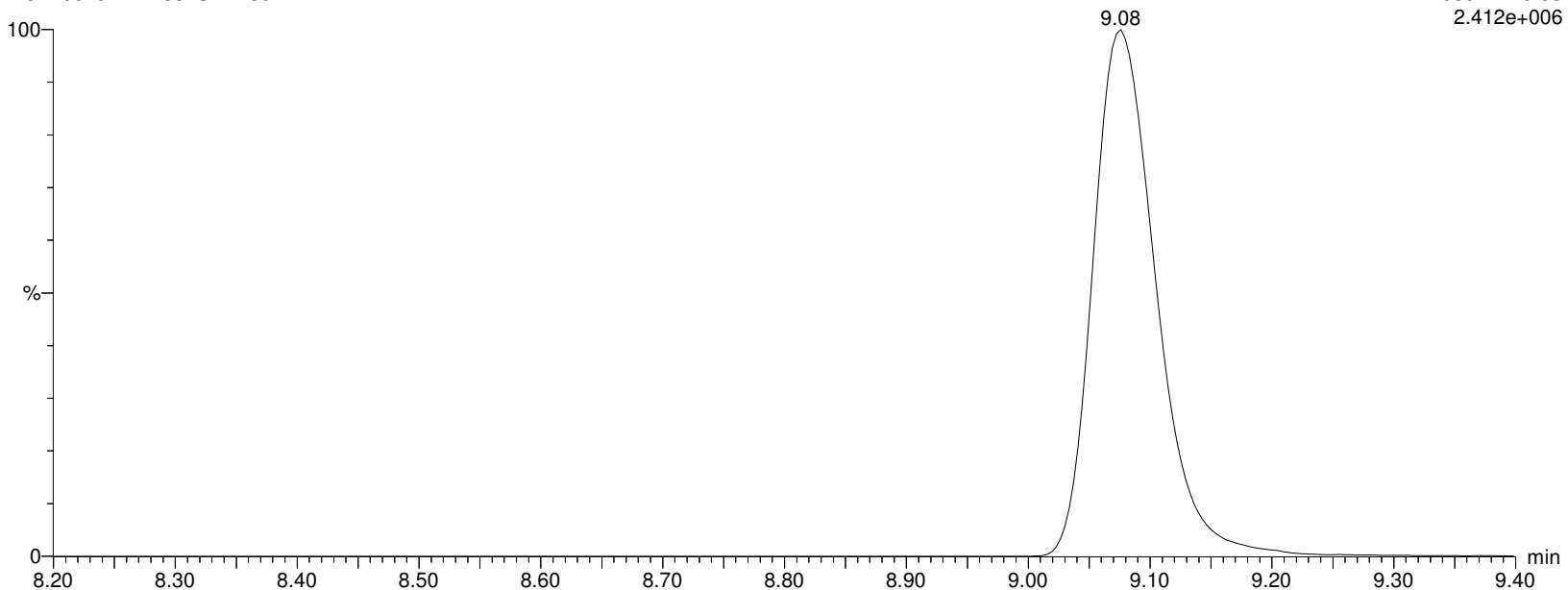
I2271 Smooth(Mn,2x2)

WG1206794 IA2-537STD150

F20:MRM of 2 channels,ES-

412.989 > 219.08

2.412e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOA

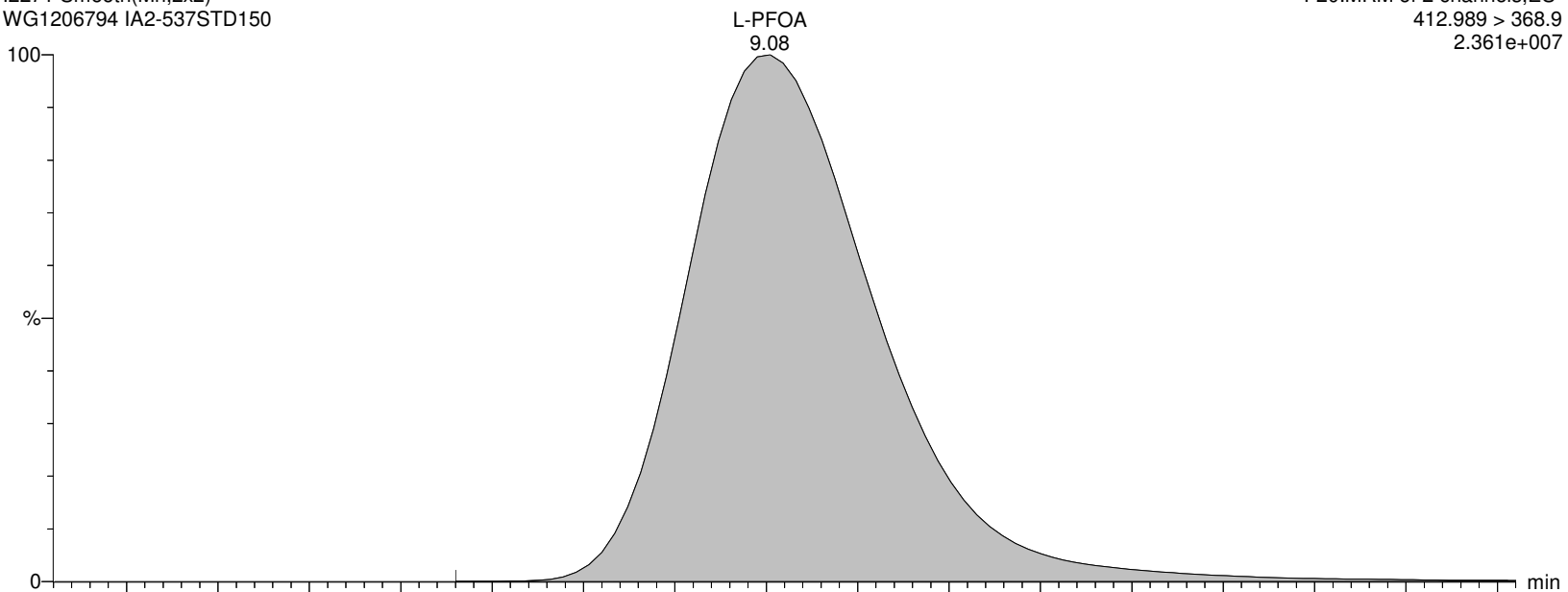
I2271 Smooth(Mn,2x2)

WG1206794 IA2-537STD150

F20:MRM of 2 channels,ES-

412.989 > 368.9

2.361e+007



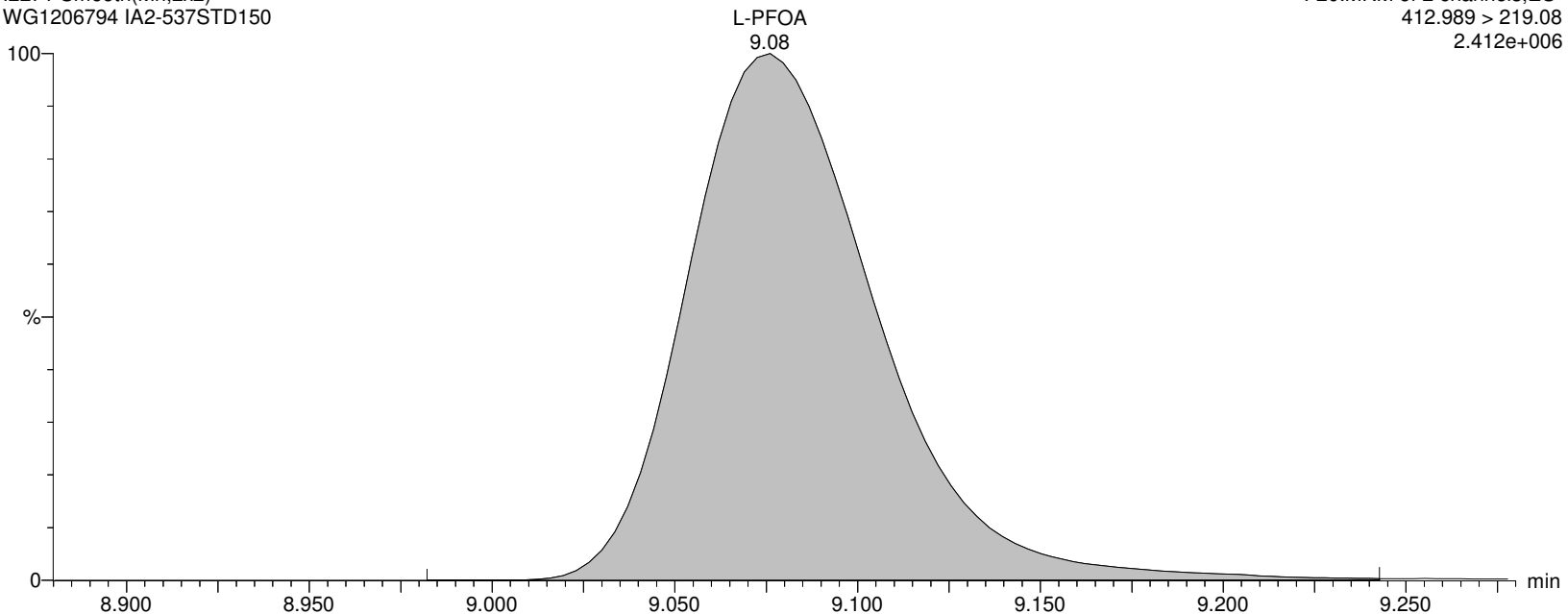
I2271 Smooth(Mn,2x2)

WG1206794 IA2-537STD150

F20:MRM of 2 channels,ES-

412.989 > 219.08

2.412e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFOA

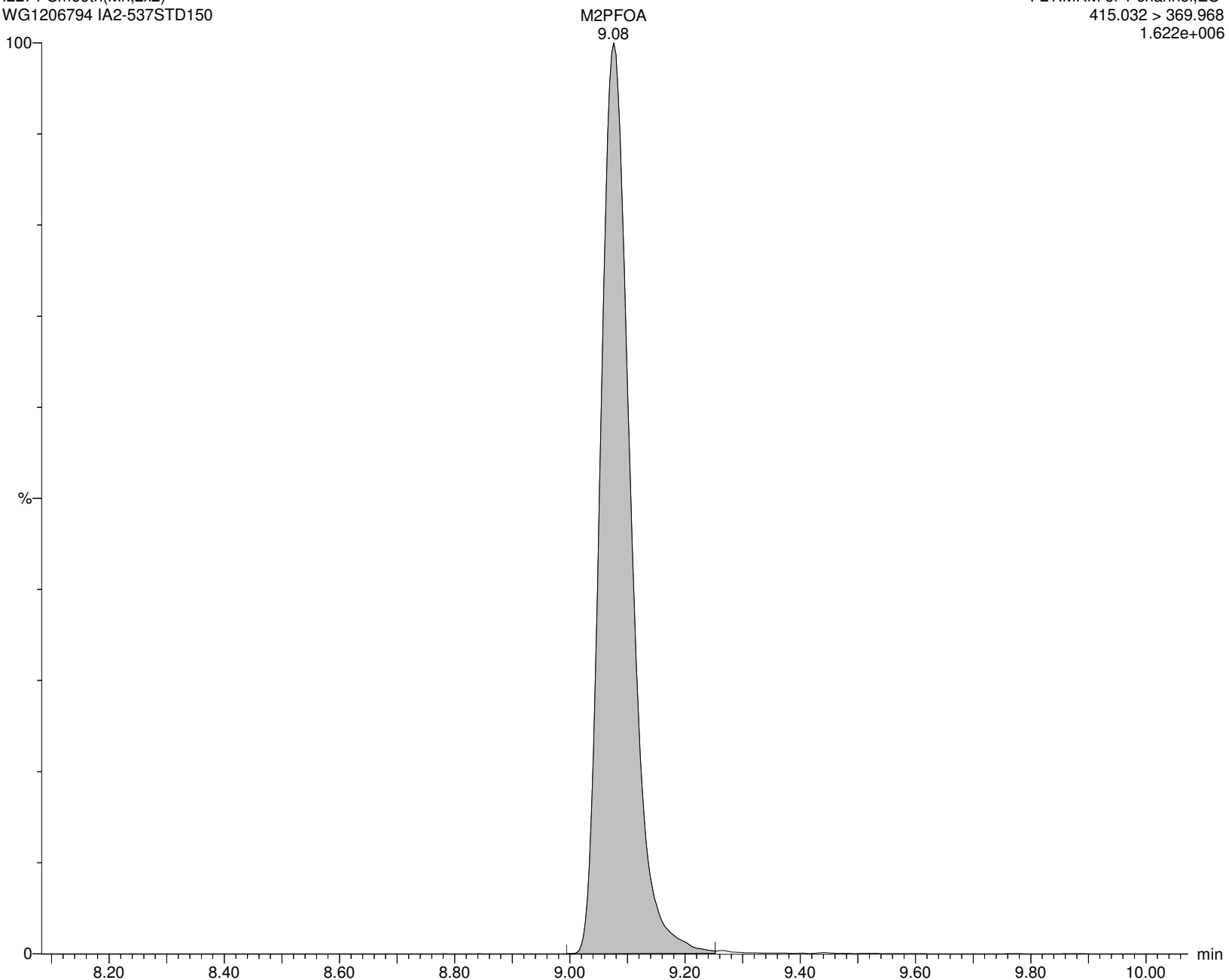
I2271 Smooth(Mn,2x2)

WG1206794 IA2-537STD150

F21:MRM of 1 channel,ES-

415.032 > 369.968

1.622e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOA

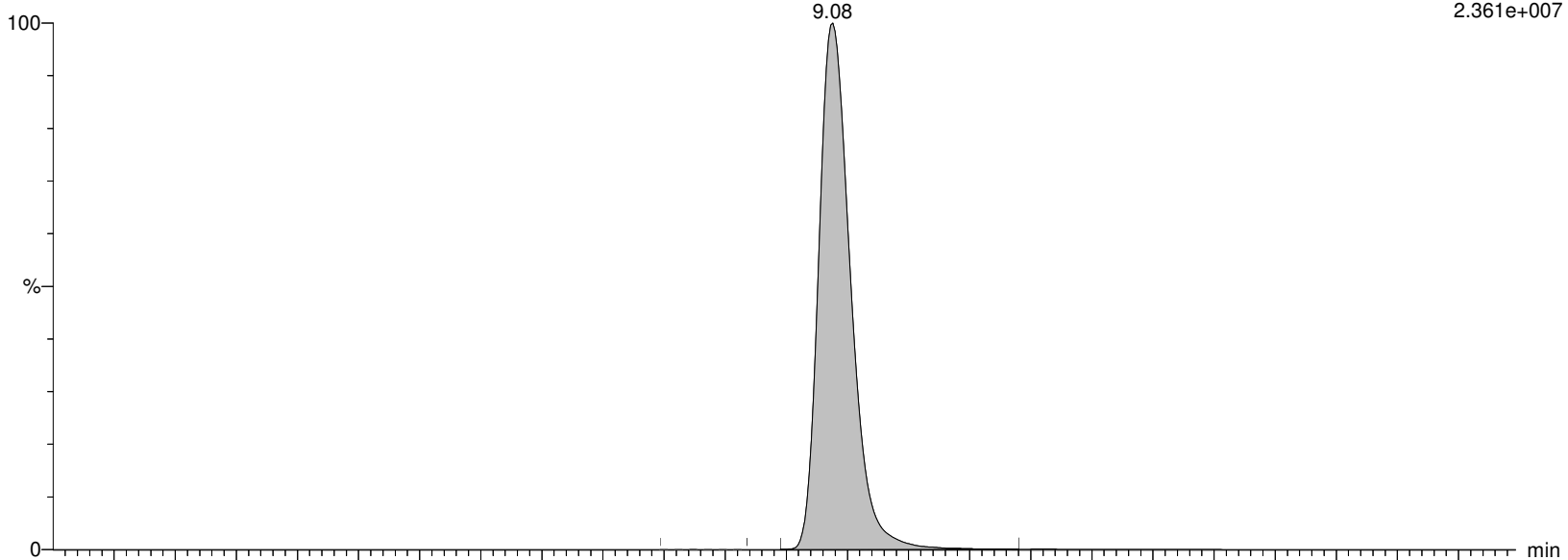
I2271 Smooth(Mn,2x2)

WG1206794 IA2-537STD150

F20:MRM of 2 channels,ES-

412.989 > 368.9

2.361e+007



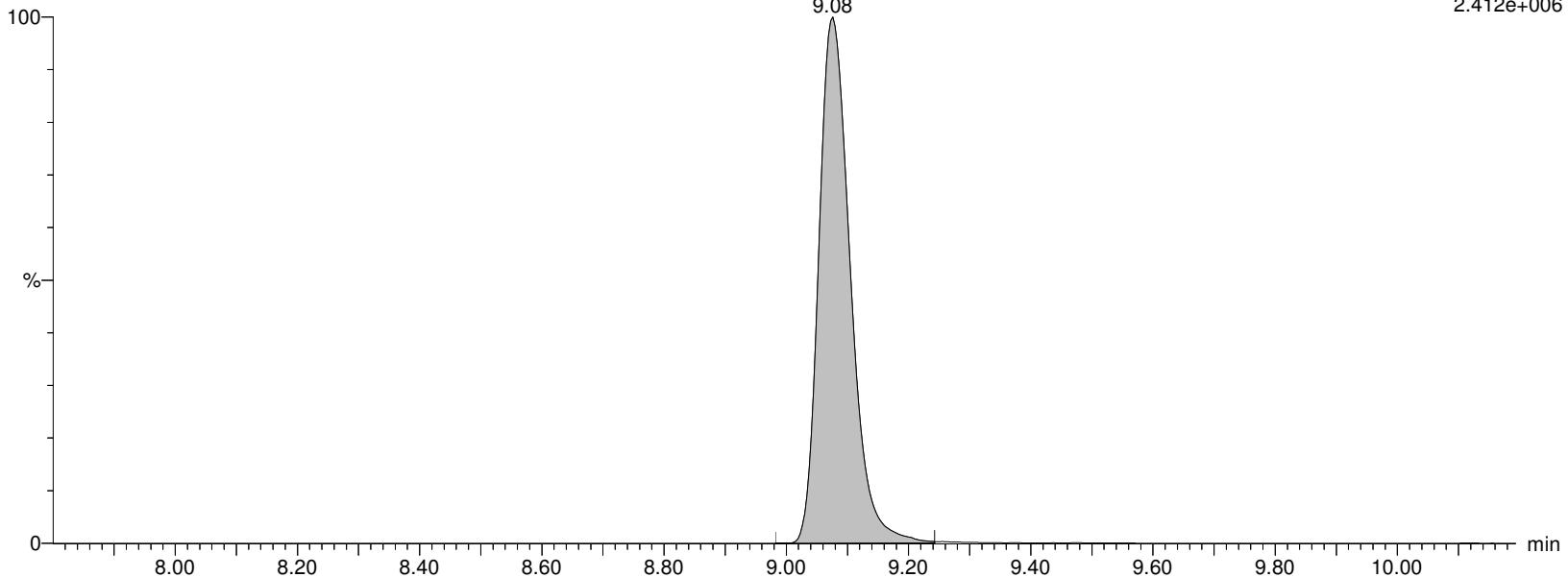
I2271 Smooth(Mn,2x2)

WG1206794 IA2-537STD150

F20:MRM of 2 channels,ES-

412.989 > 219.08

2.412e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOA

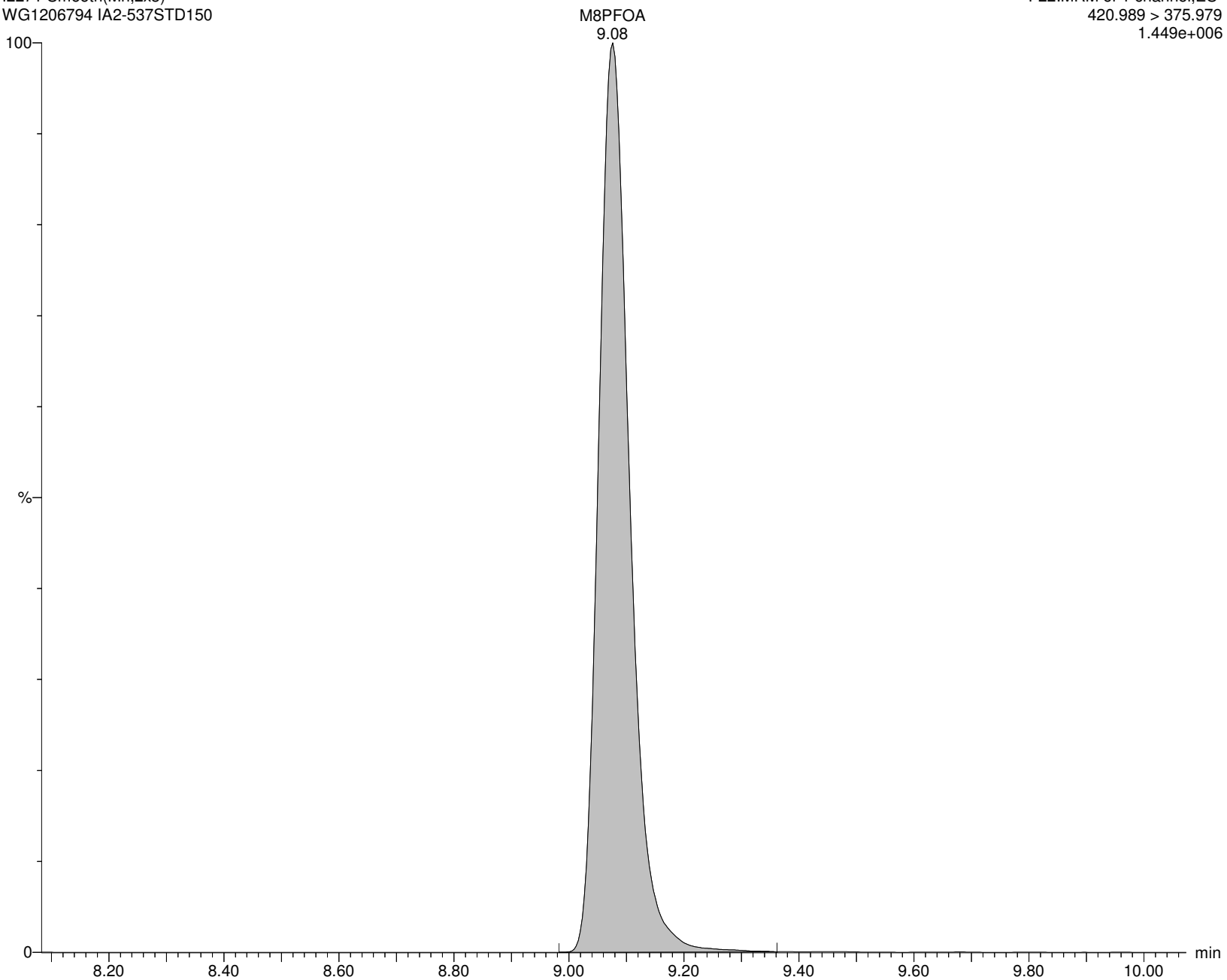
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F22:MRM of 1 channel,ES-

420.989 > 375.979

1.449e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

6:2FTS

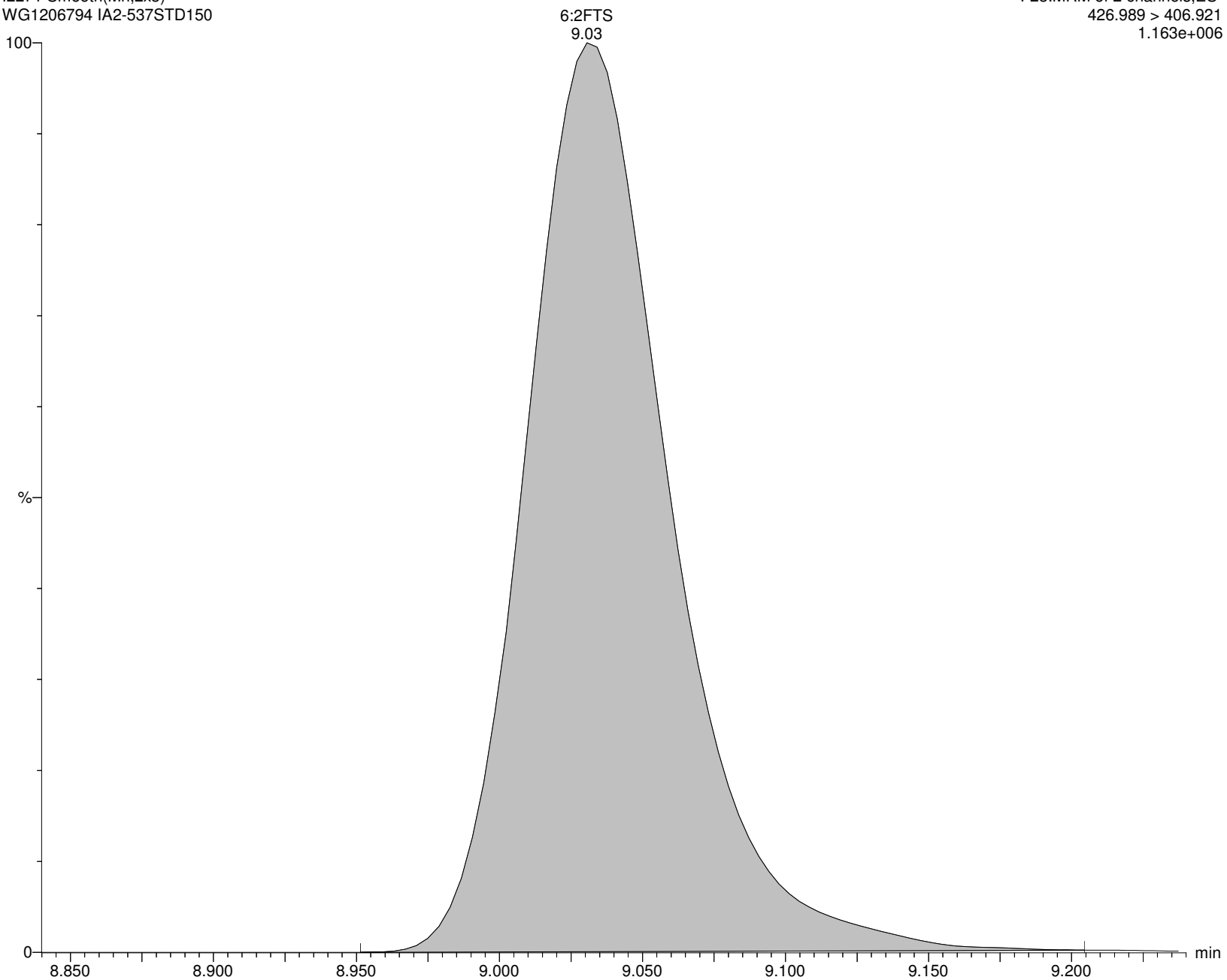
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F23:MRM of 2 channels,ES-

426.989 > 406.921

1.163e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-6:2FTS

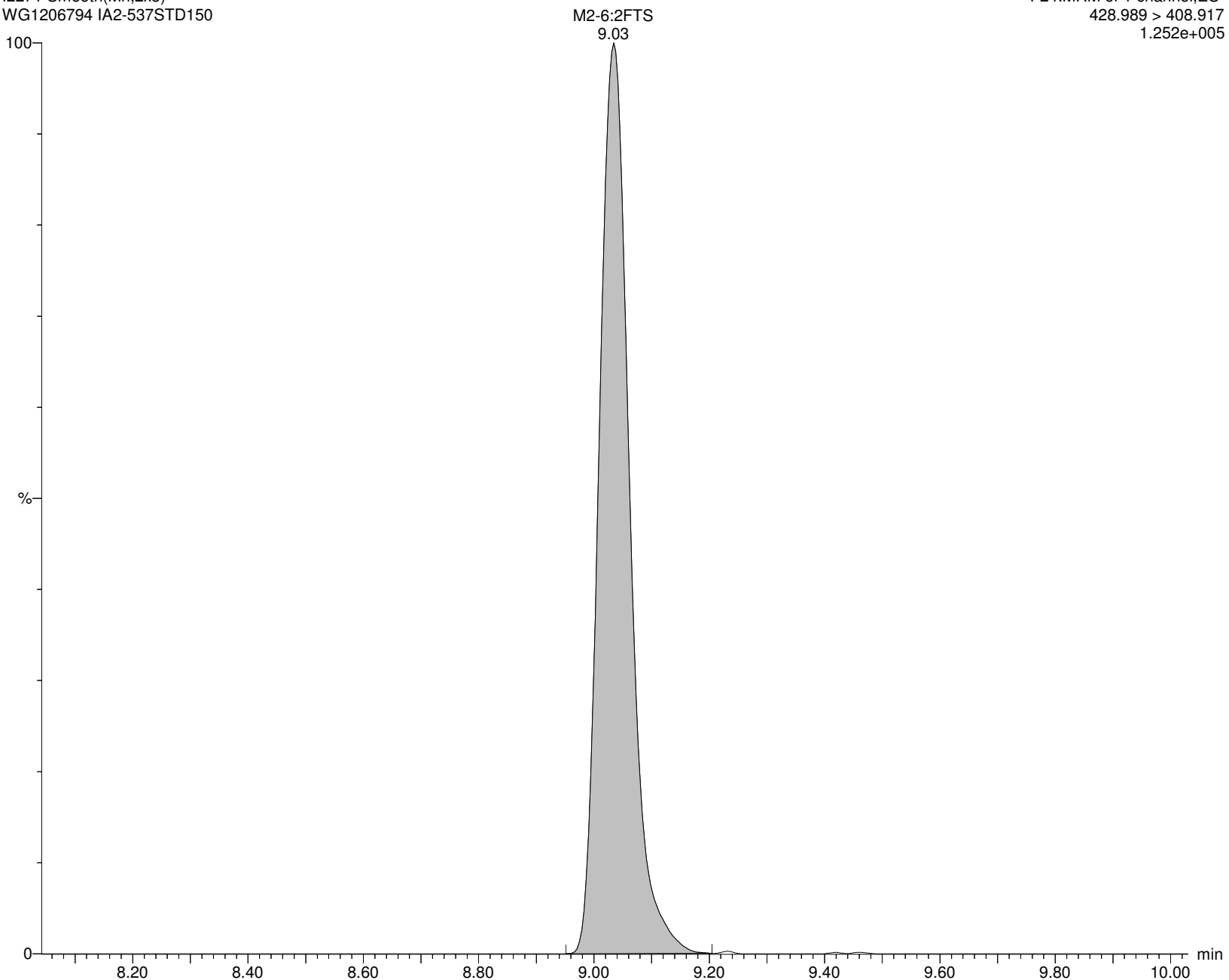
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F24:MRM of 1 channel,ES-

428.989 > 408.917

1.252e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpS

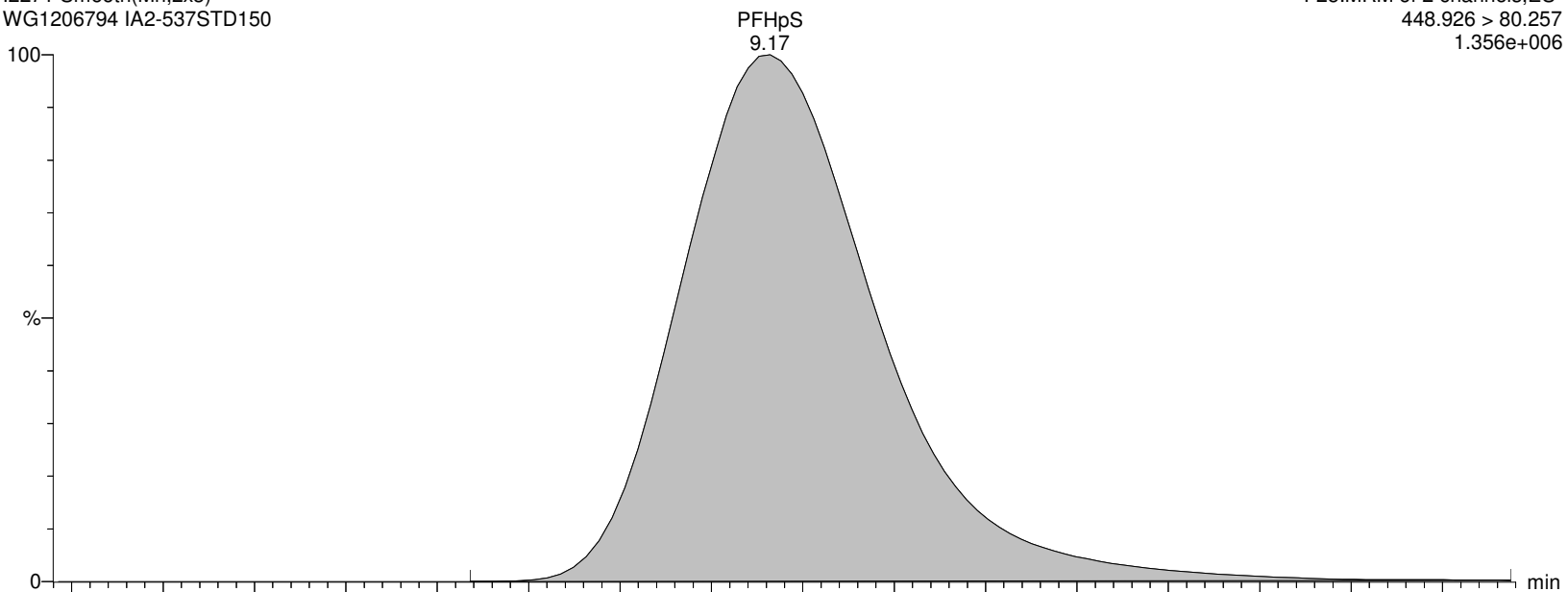
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F25:MRM of 2 channels,ES-

448.926 > 80.257

1.356e+006



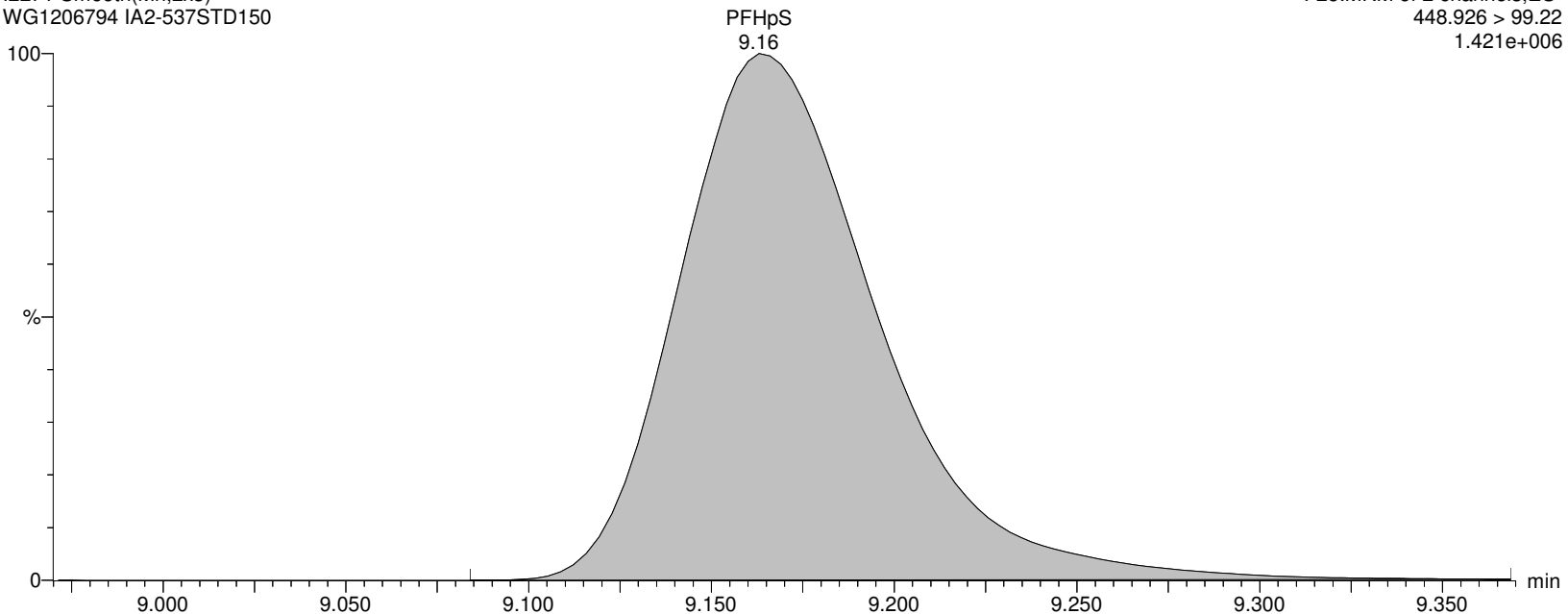
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F25:MRM of 2 channels,ES-

448.926 > 99.22

1.421e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNA

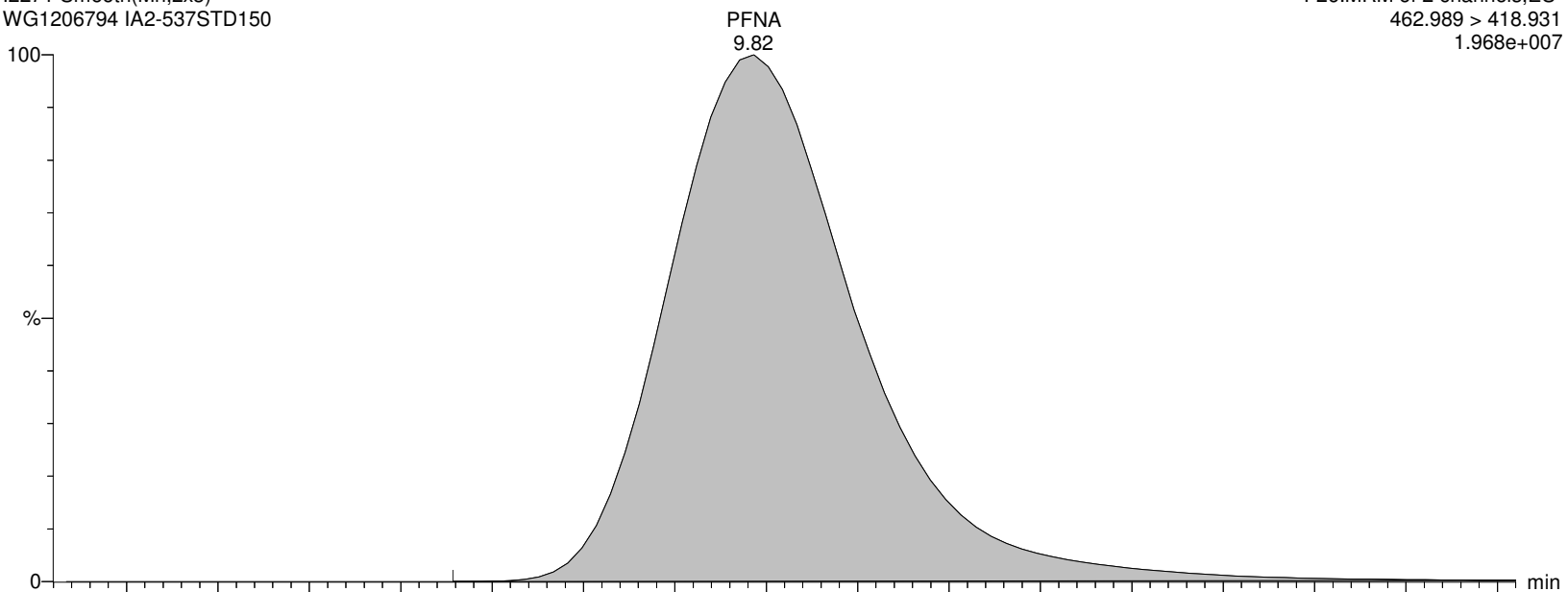
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F26:MRM of 2 channels,ES-

462.989 > 418.931

1.968e+007



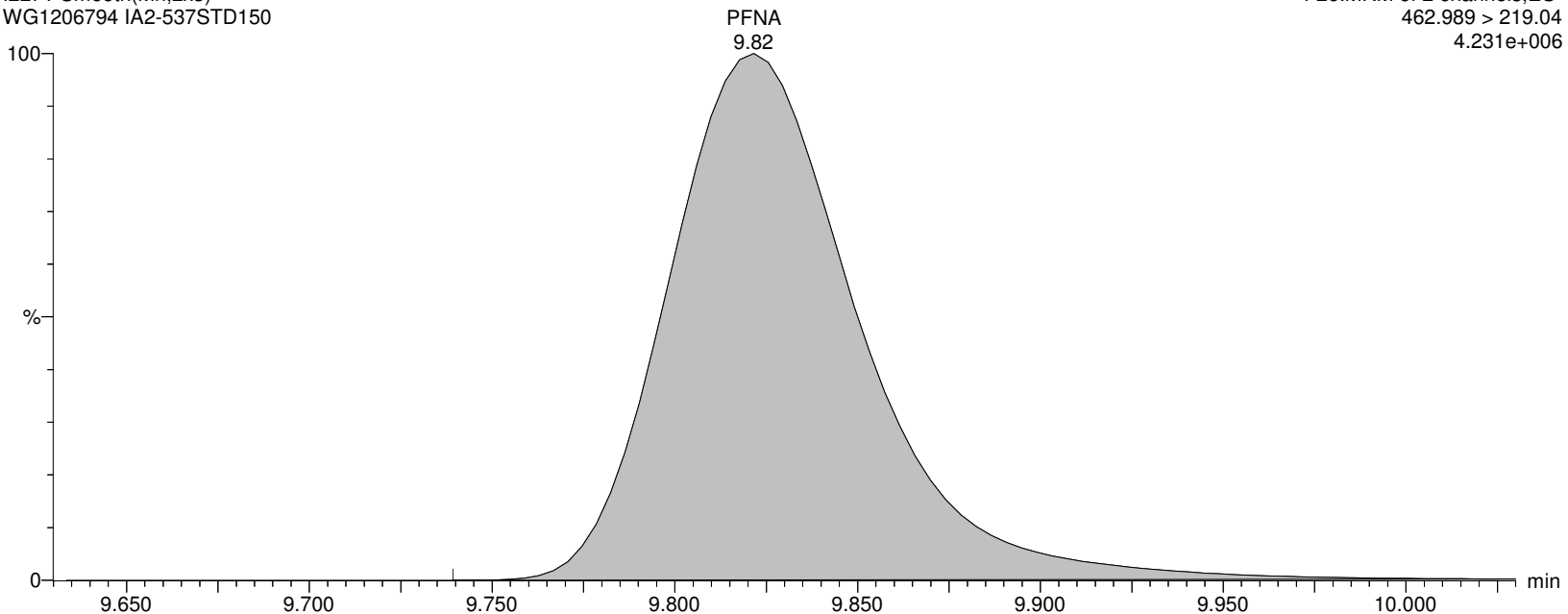
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F26:MRM of 2 channels,ES-

462.989 > 219.04

4.231e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M9PFNA

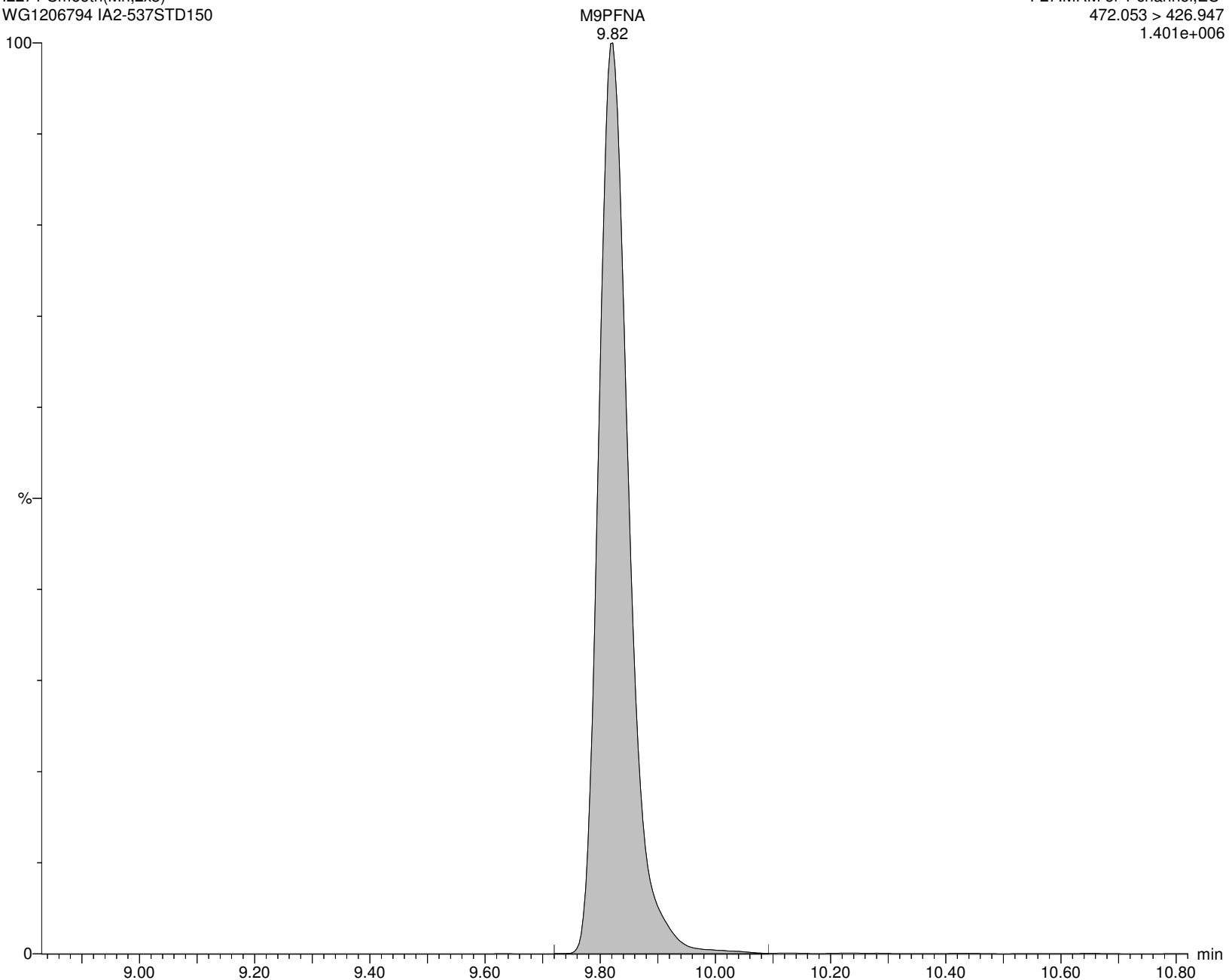
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F27:MRM of 1 channel,ES-

472.053 > 426.947

1.401e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

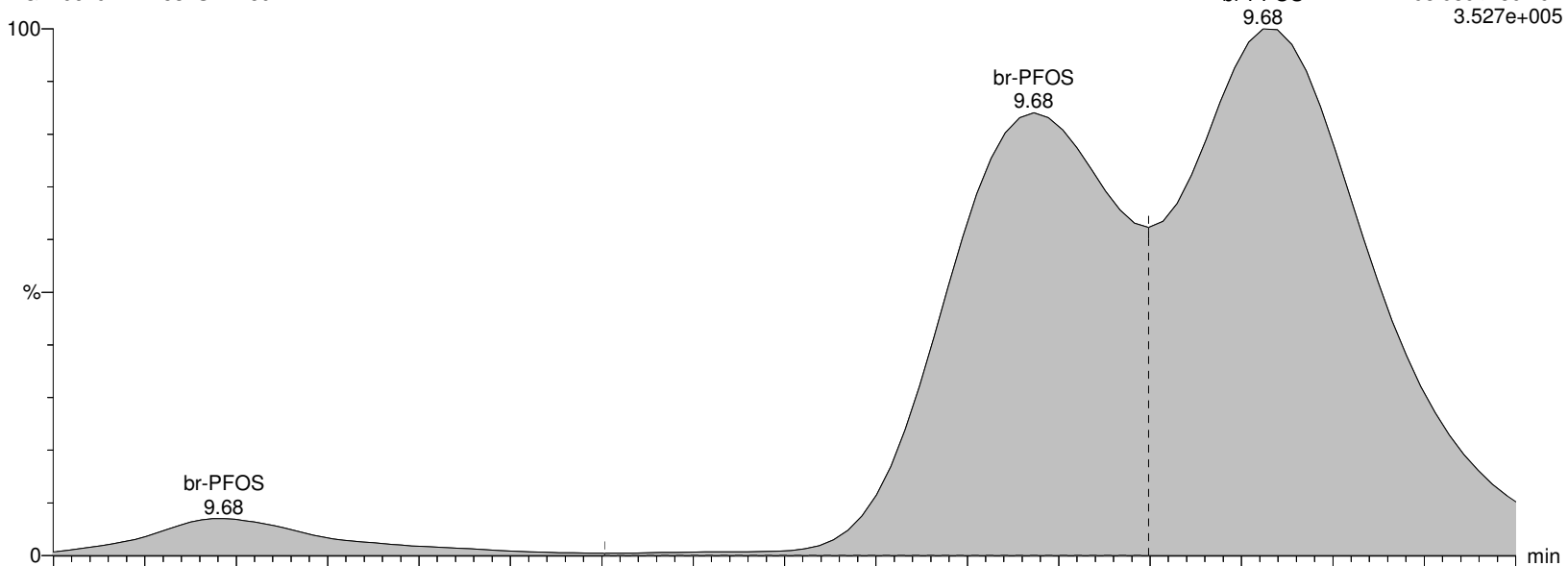
Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOS

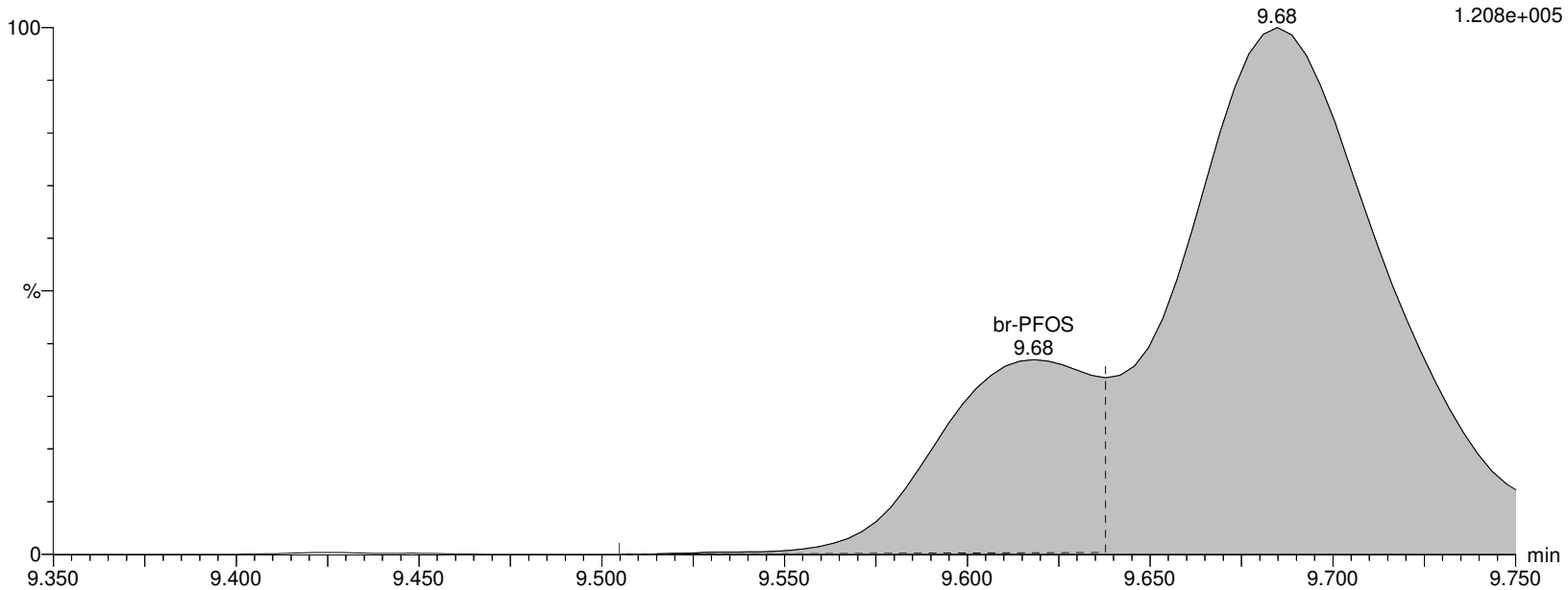
I2271 Smooth(Mn,3x2)

WG1206794 IA2-537STD150



I2271 Smooth(Mn,3x2)

WG1206794 IA2-537STD150



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOS

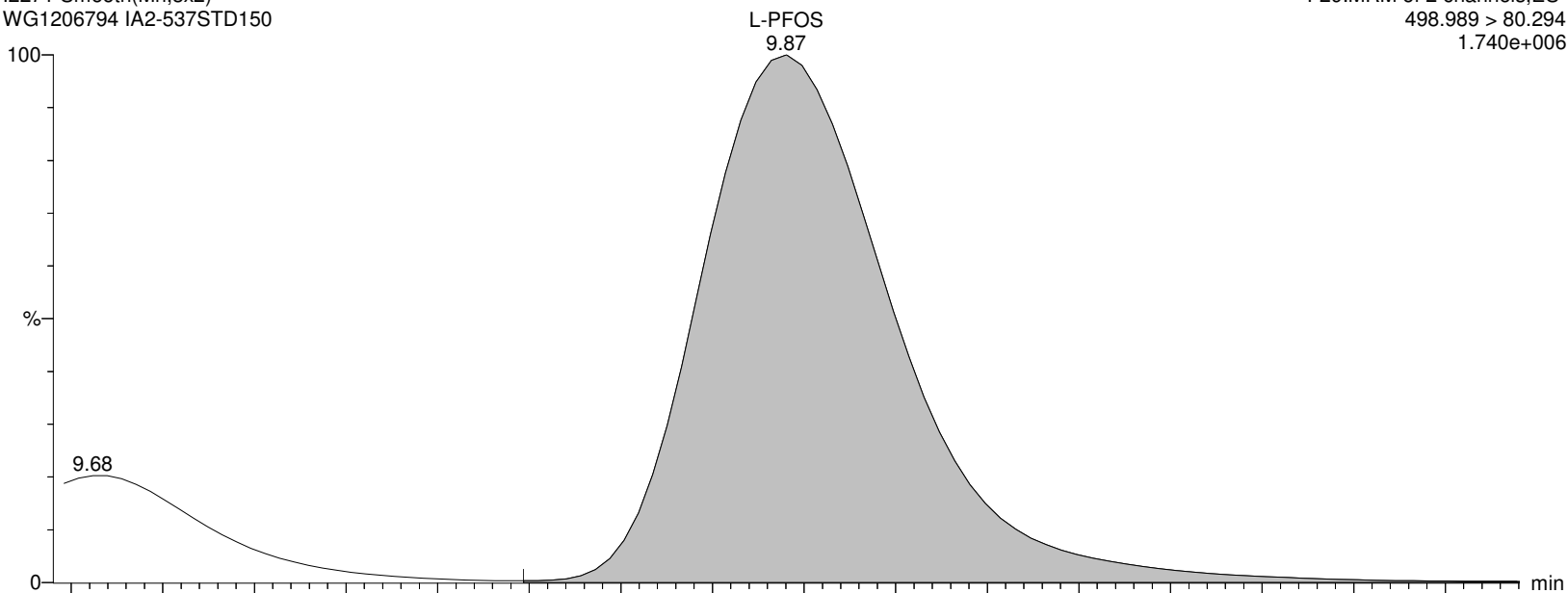
I2271 Smooth(Mn,3x2)

WG1206794 IA2-537STD150

F29:MRM of 2 channels,ES-

498.989 > 80.294

1.740e+006



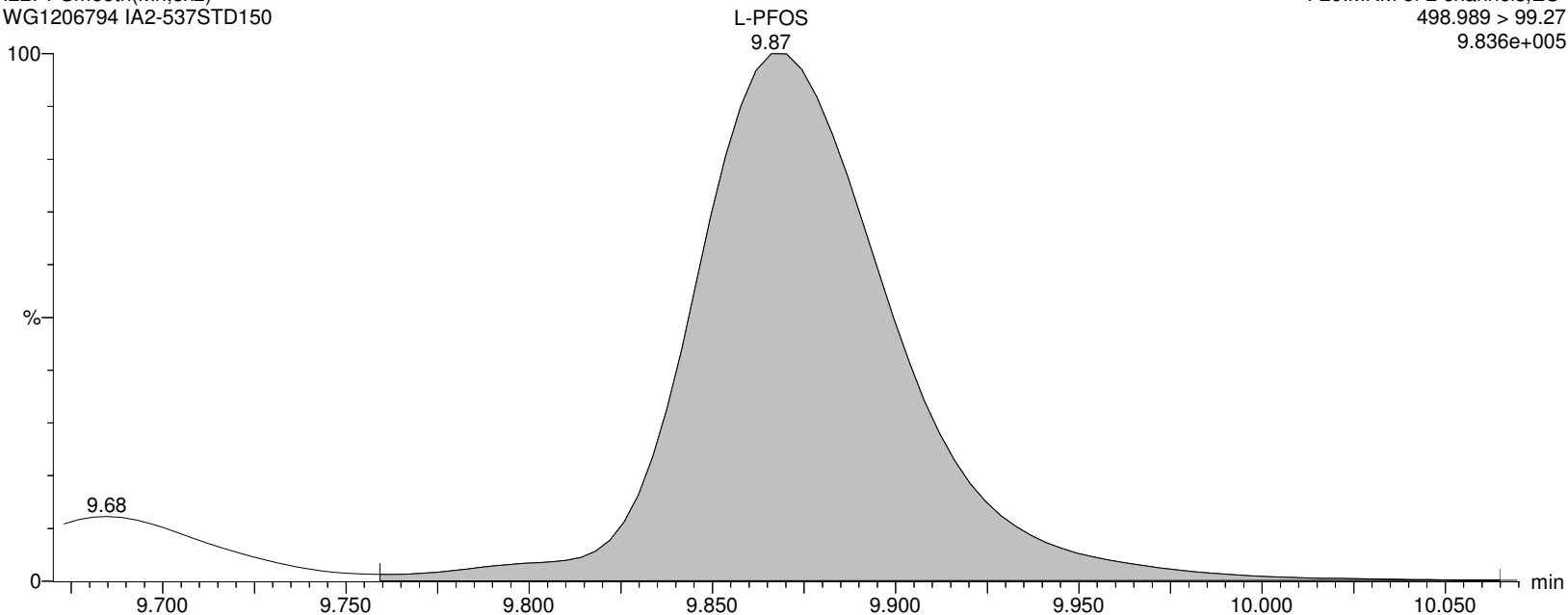
I2271 Smooth(Mn,3x2)

WG1206794 IA2-537STD150

F29:MRM of 2 channels,ES-

498.989 > 99.27

9.836e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOS

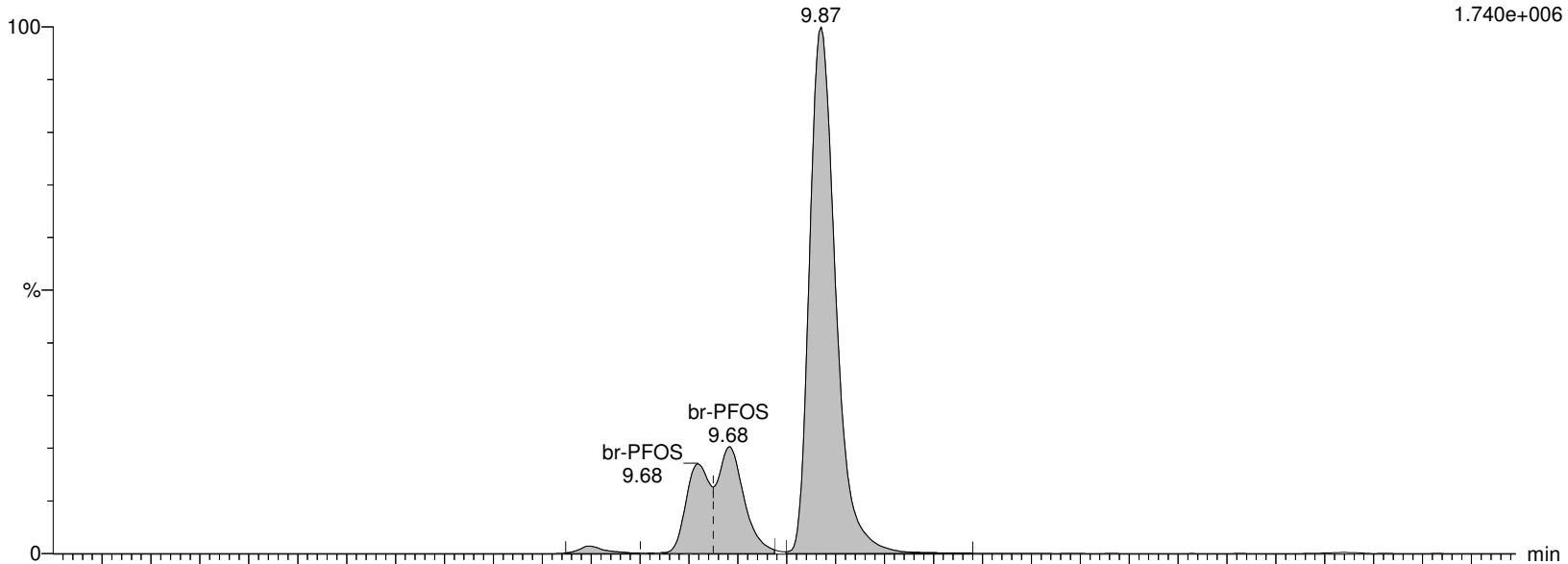
I2271 Smooth(Mn,3x2)

WG1206794 IA2-537STD150

F29:MRM of 2 channels,ES-

498.989 > 80.294

1.740e+006



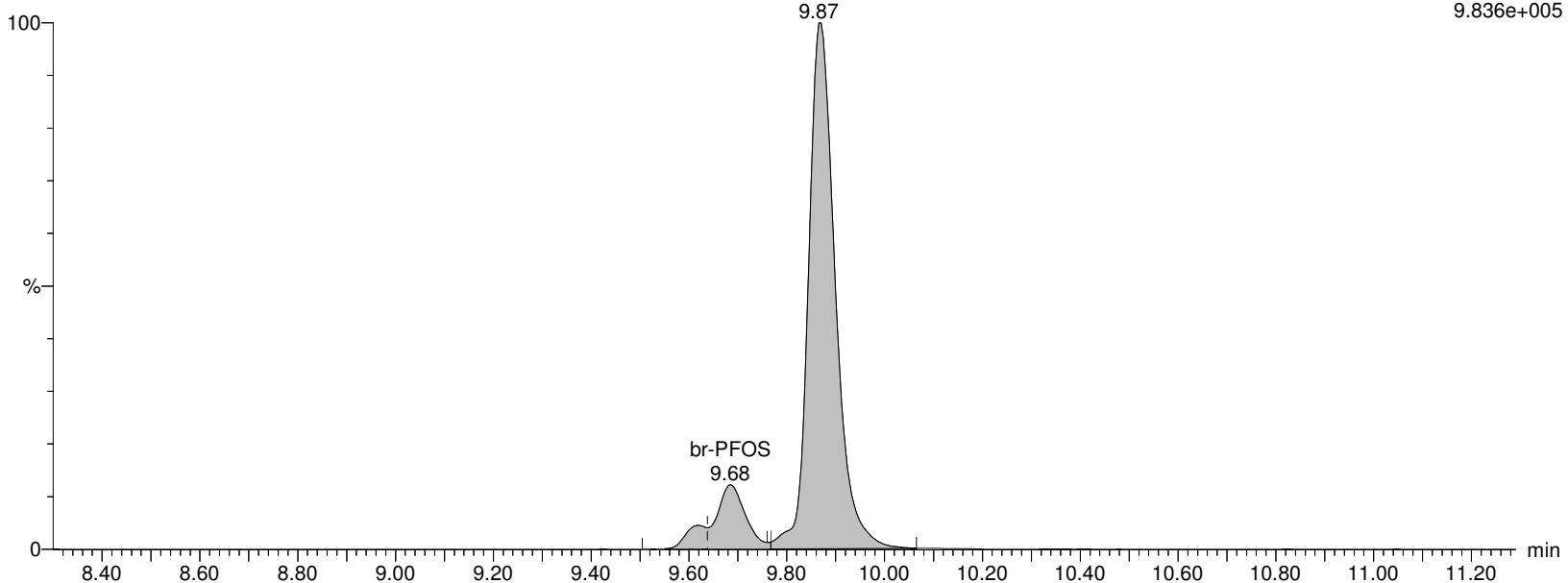
I2271 Smooth(Mn,3x2)

WG1206794 IA2-537STD150

F29:MRM of 2 channels,ES-

498.989 > 99.27

9.836e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFOS

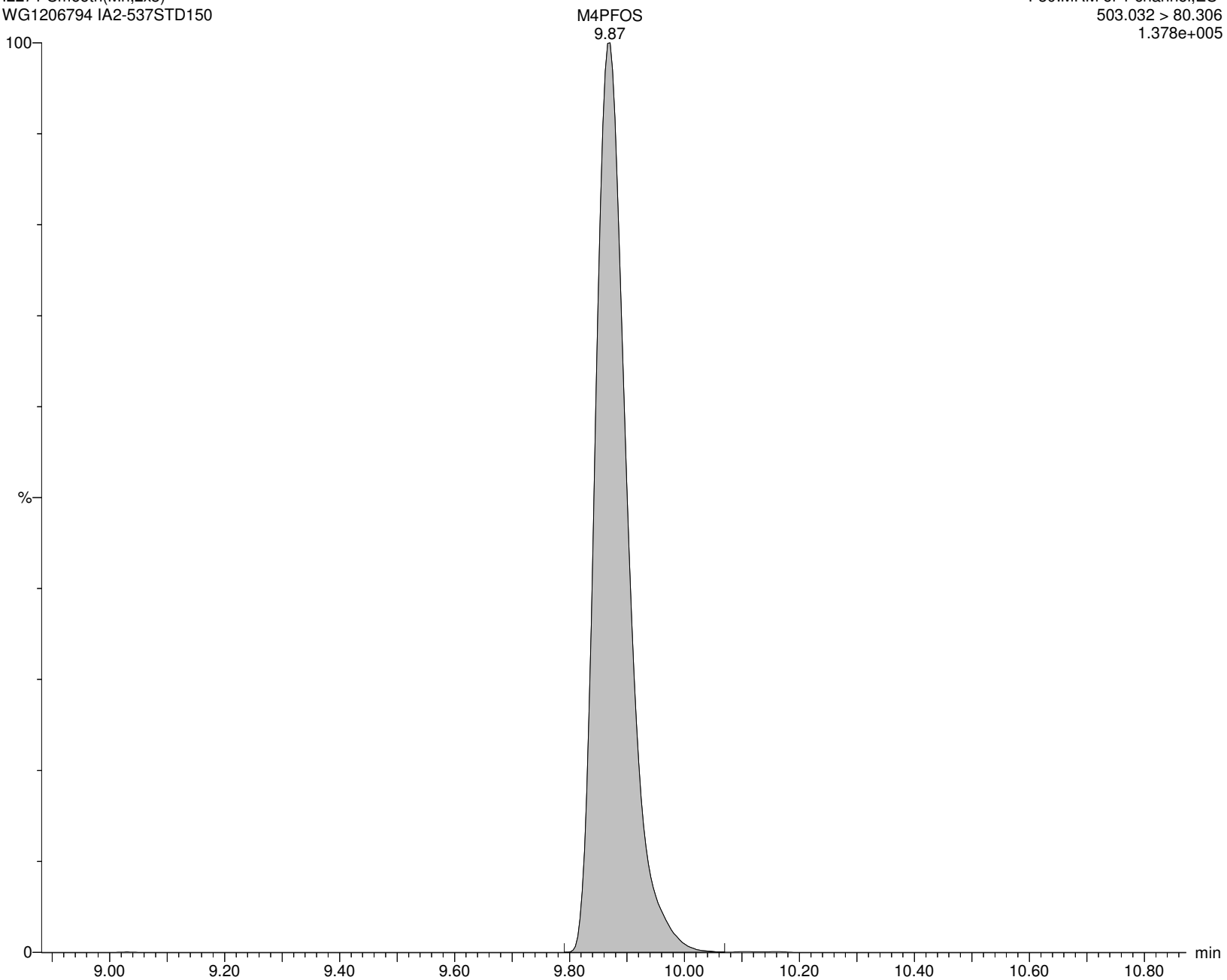
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F30:MRM of 1 channel,ES-

503.032 > 80.306

1.378e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOS

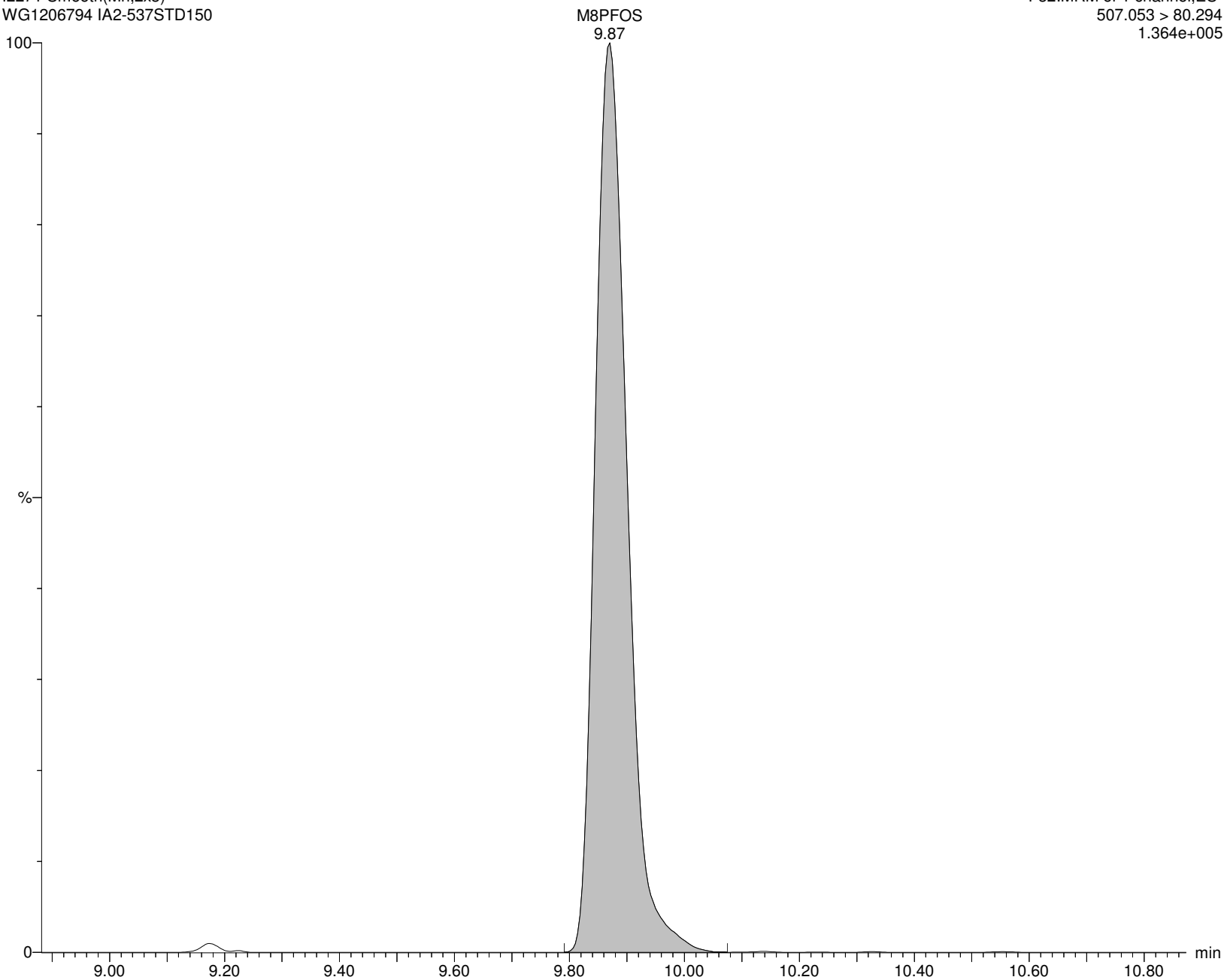
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F32:MRM of 1 channel,ES-

507.053 > 80.294

1.364e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDA

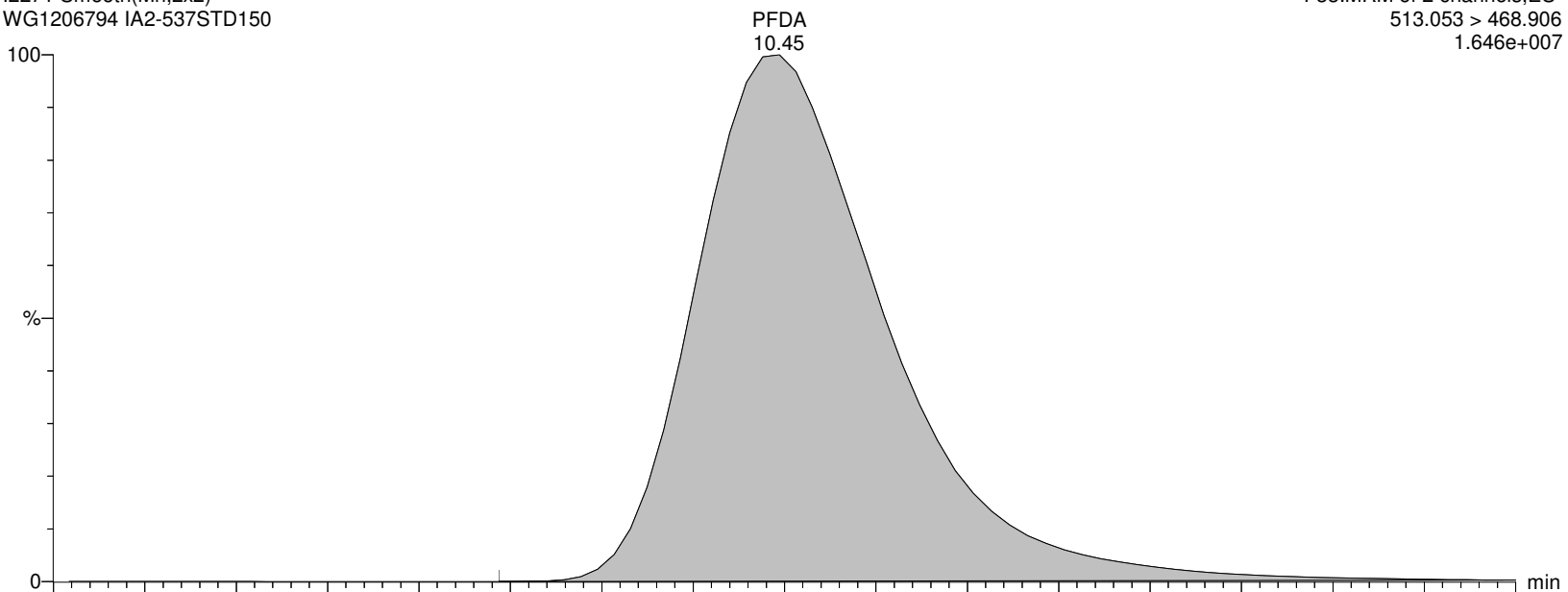
I2271 Smooth(Mn,2x2)

WG1206794 IA2-537STD150

F33:MRM of 2 channels,ES-

513.053 > 468.906

1.646e+007



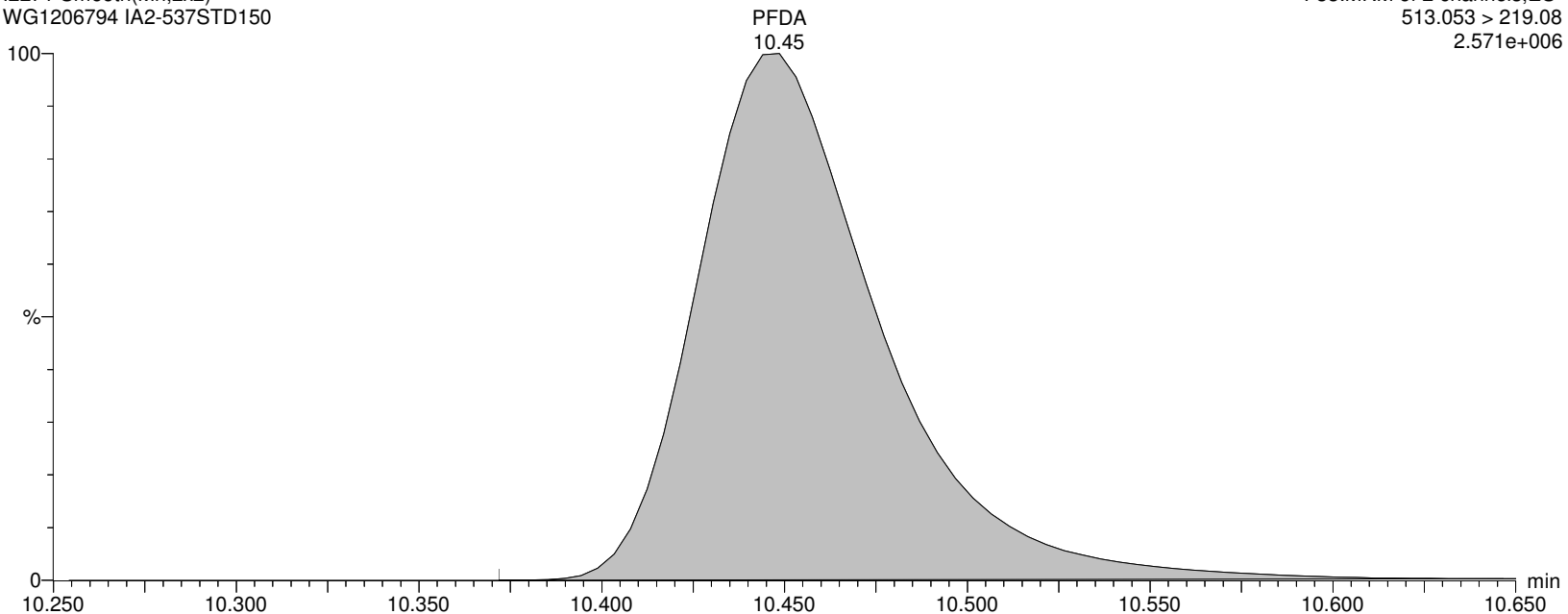
I2271 Smooth(Mn,2x2)

WG1206794 IA2-537STD150

F33:MRM of 2 channels,ES-

513.053 > 219.08

2.571e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFDA

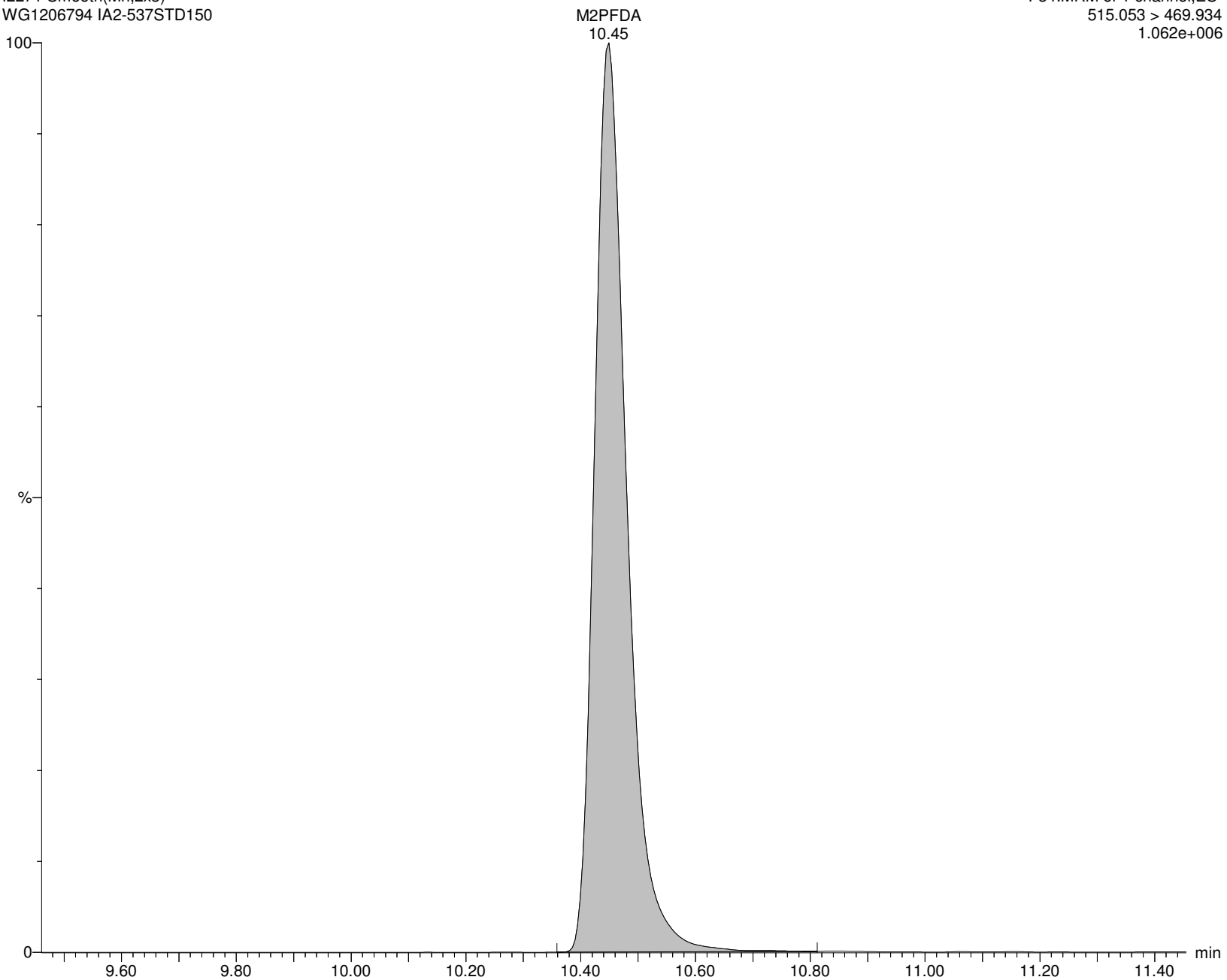
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F34:MRM of 1 channel,ES-

515.053 > 469.934

1.062e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M6PFDA

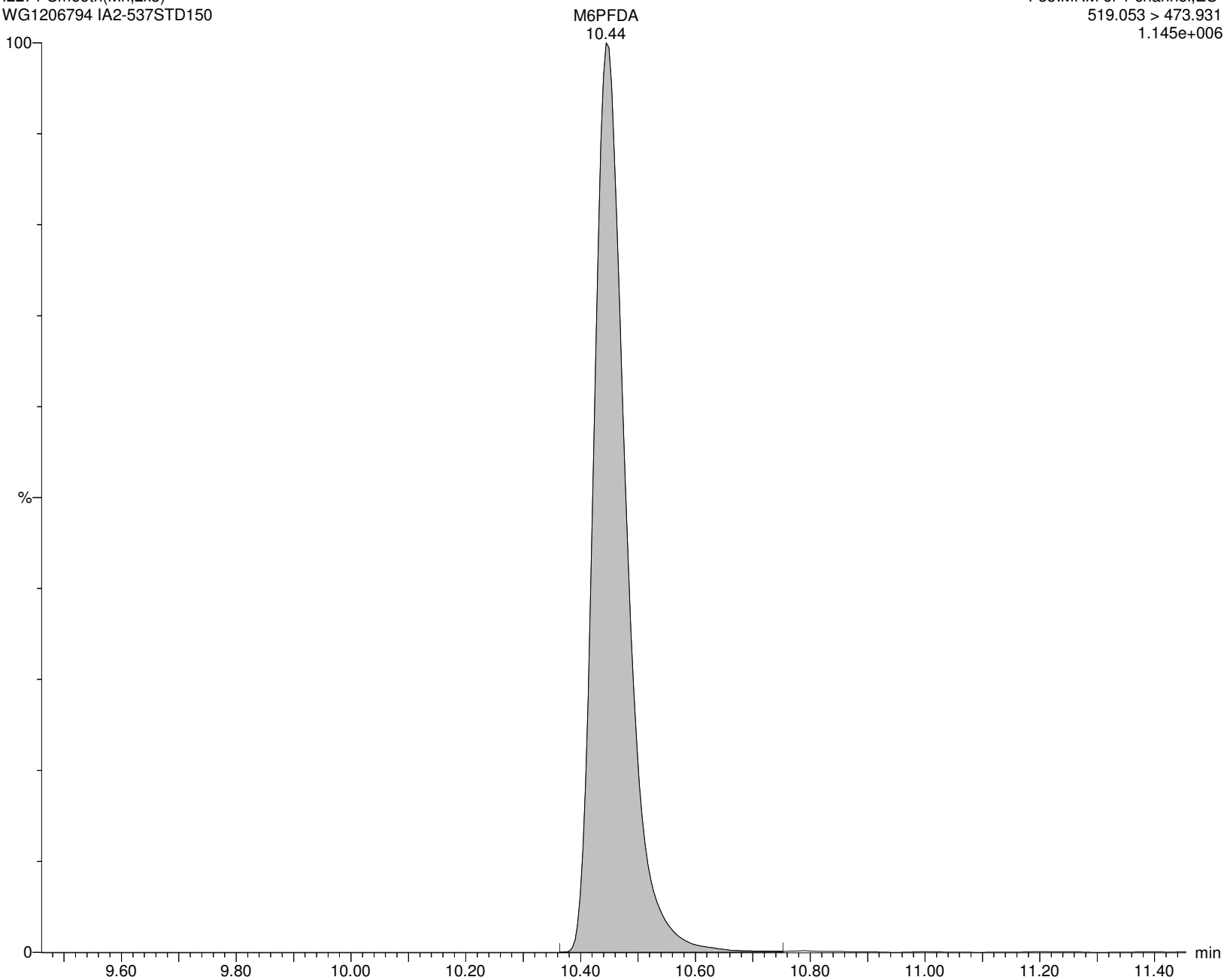
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F35:MRM of 1 channel,ES-

519.053 > 473.931

1.145e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

8:2FTS

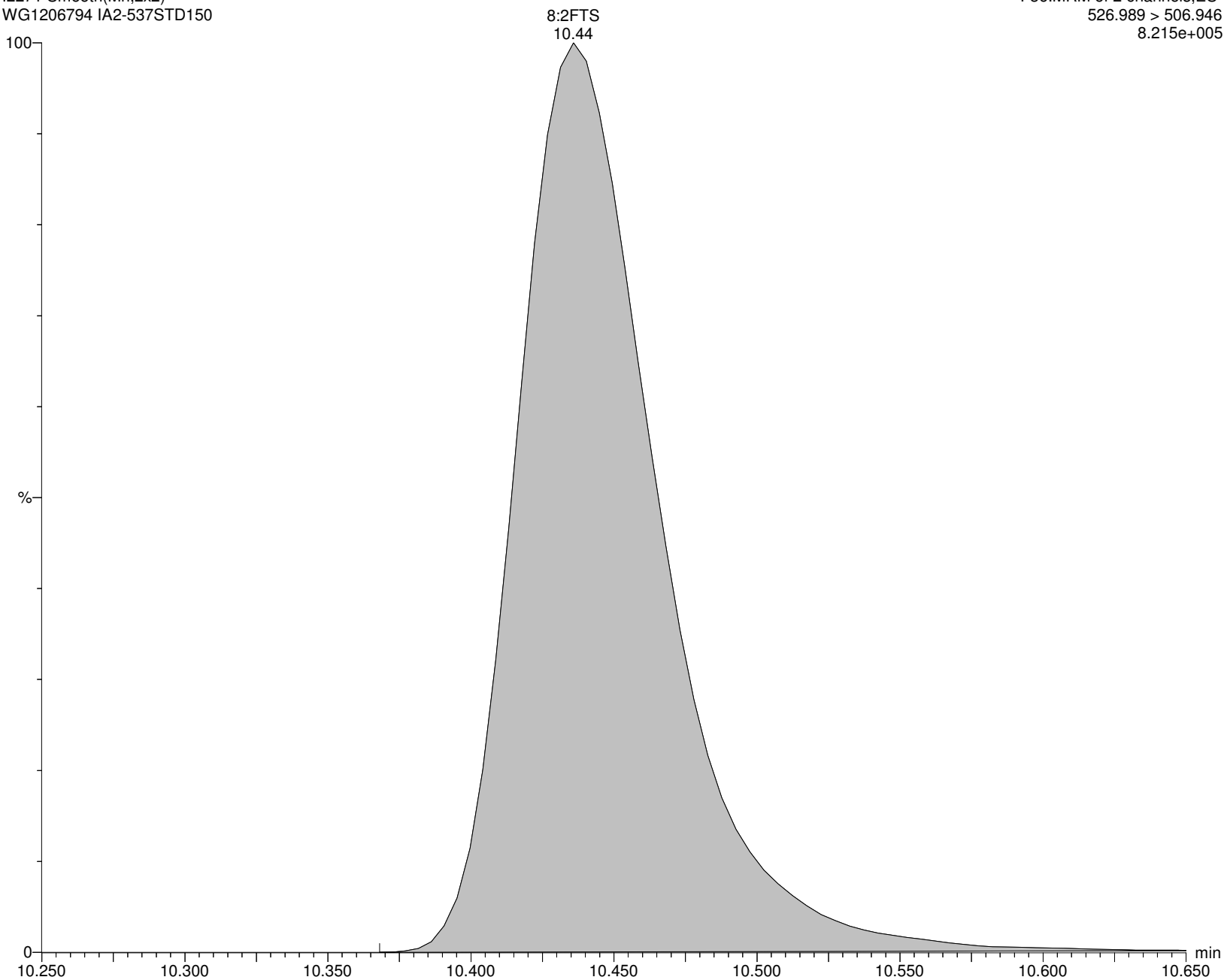
I2271 Smooth(Mn,2x2)

WG1206794 IA2-537STD150

F36:MRM of 2 channels,ES-

526.989 > 506.946

8.215e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-8:2FTS

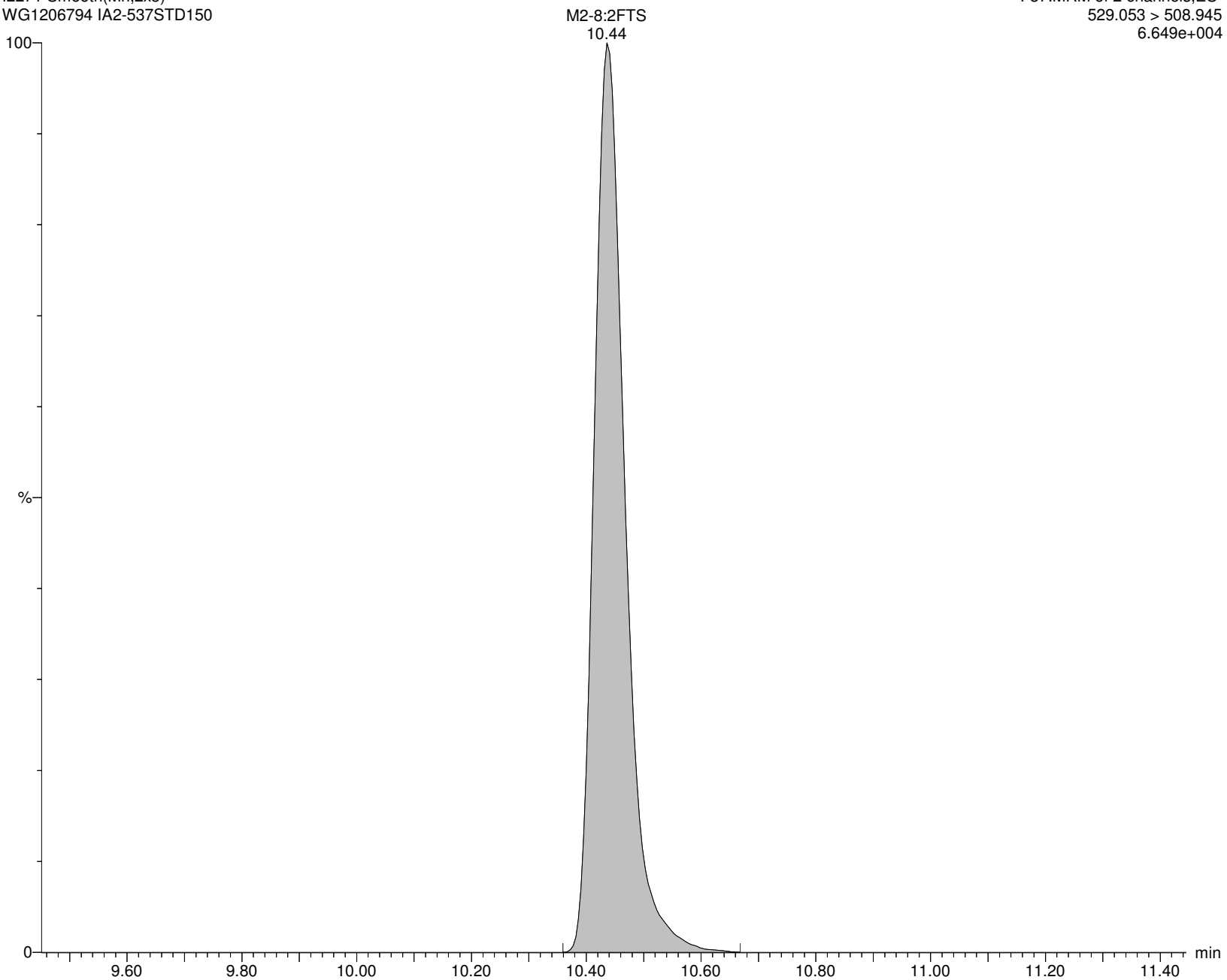
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F37:MRM of 2 channels,ES-

529.053 > 508.945

6.649e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNS

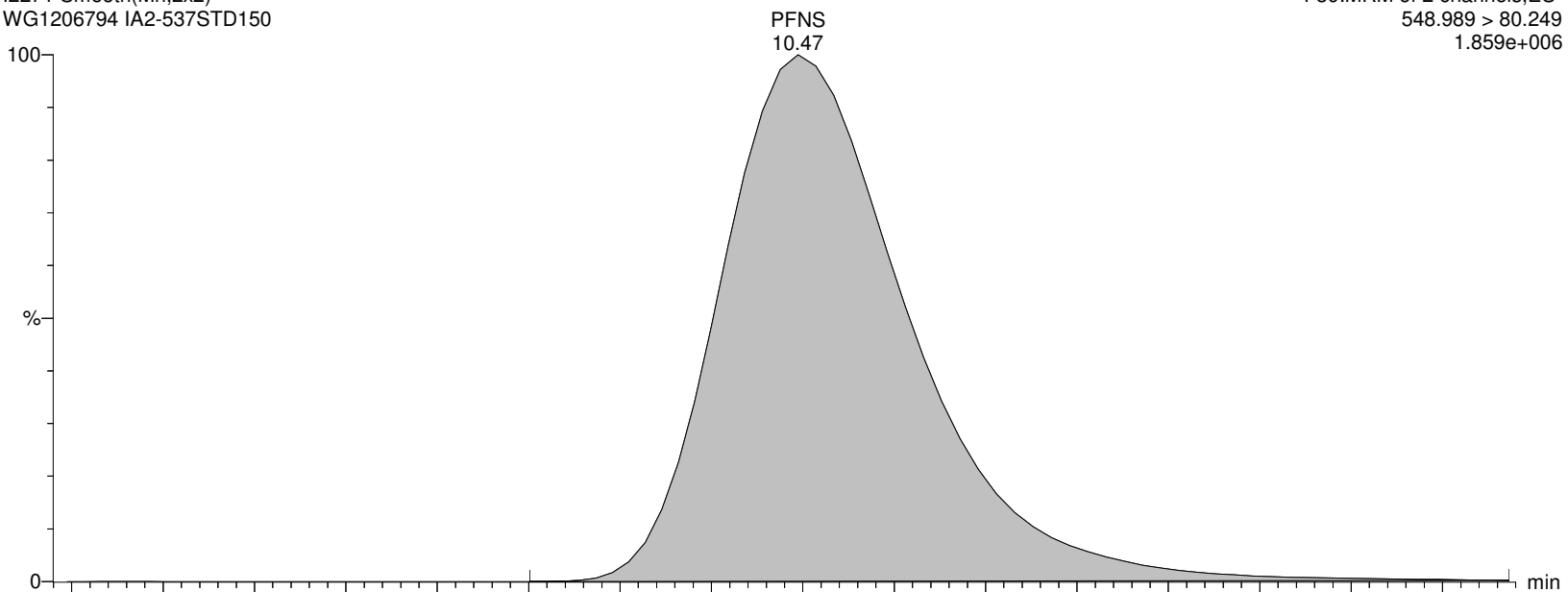
I2271 Smooth(Mn,2x2)

WG1206794 IA2-537STD150

F39:MRM of 2 channels,ES-

548.989 > 80.249

1.859e+006



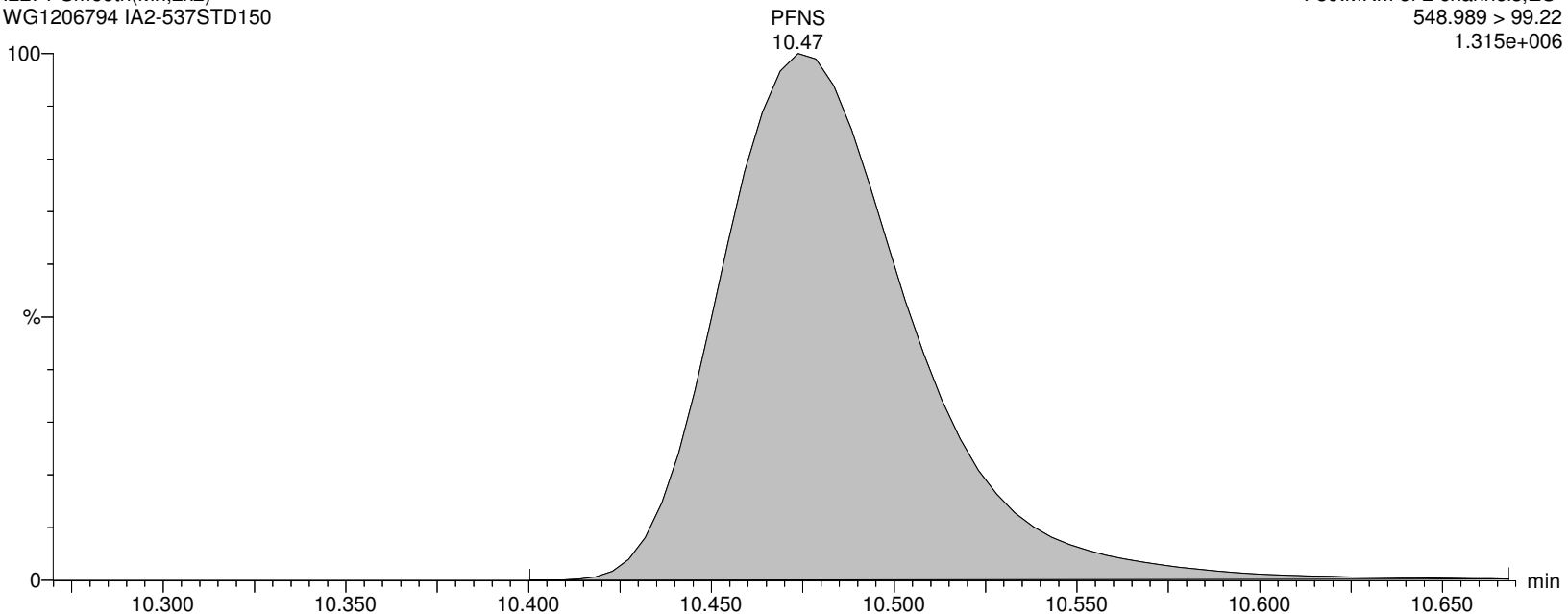
I2271 Smooth(Mn,2x2)

WG1206794 IA2-537STD150

F39:MRM of 2 channels,ES-

548.989 > 99.22

1.315e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d3-NMeFOSAA

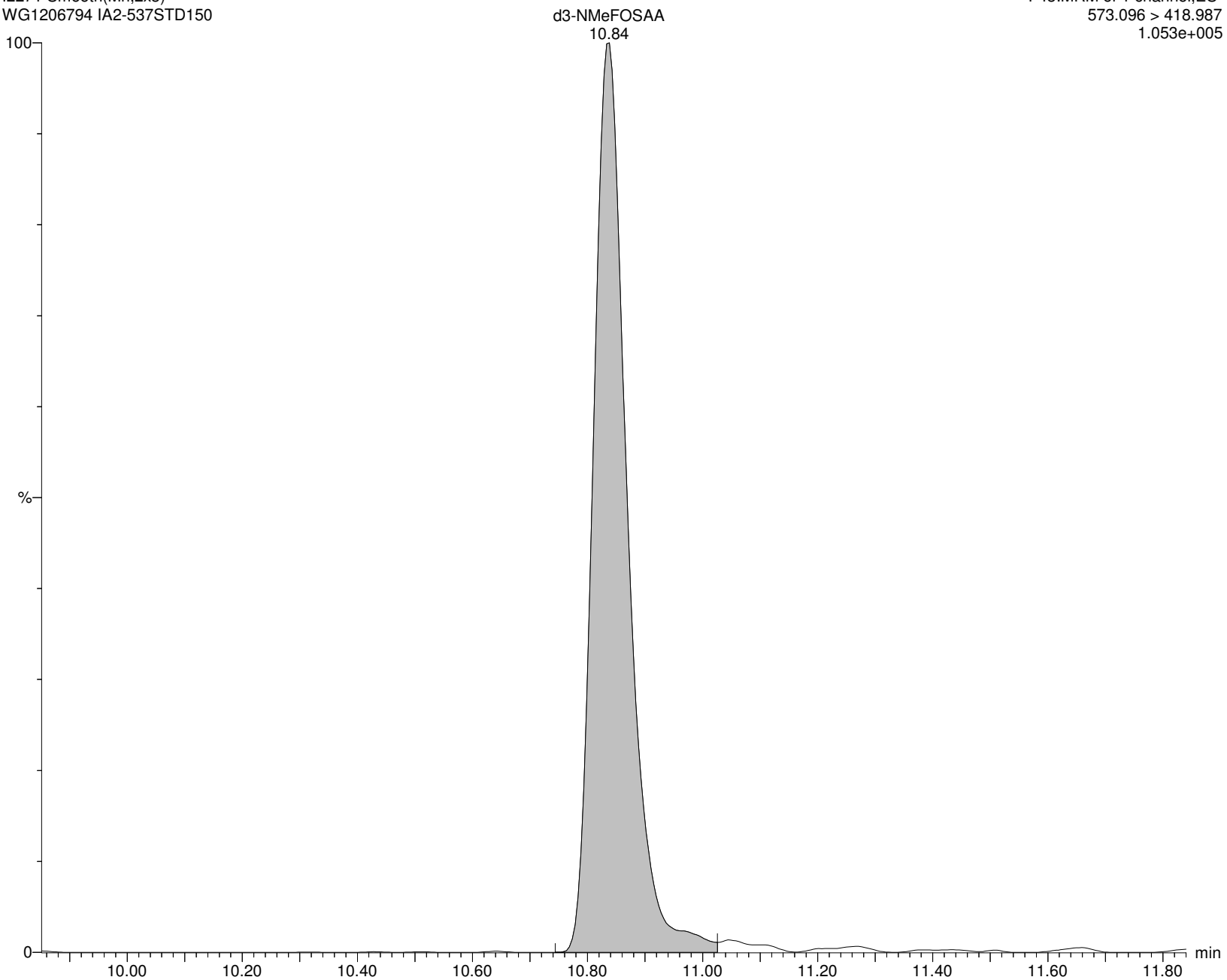
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F43:MRM of 1 channel,ES-

573.096 > 418.987

1.053e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NMeFOSAA

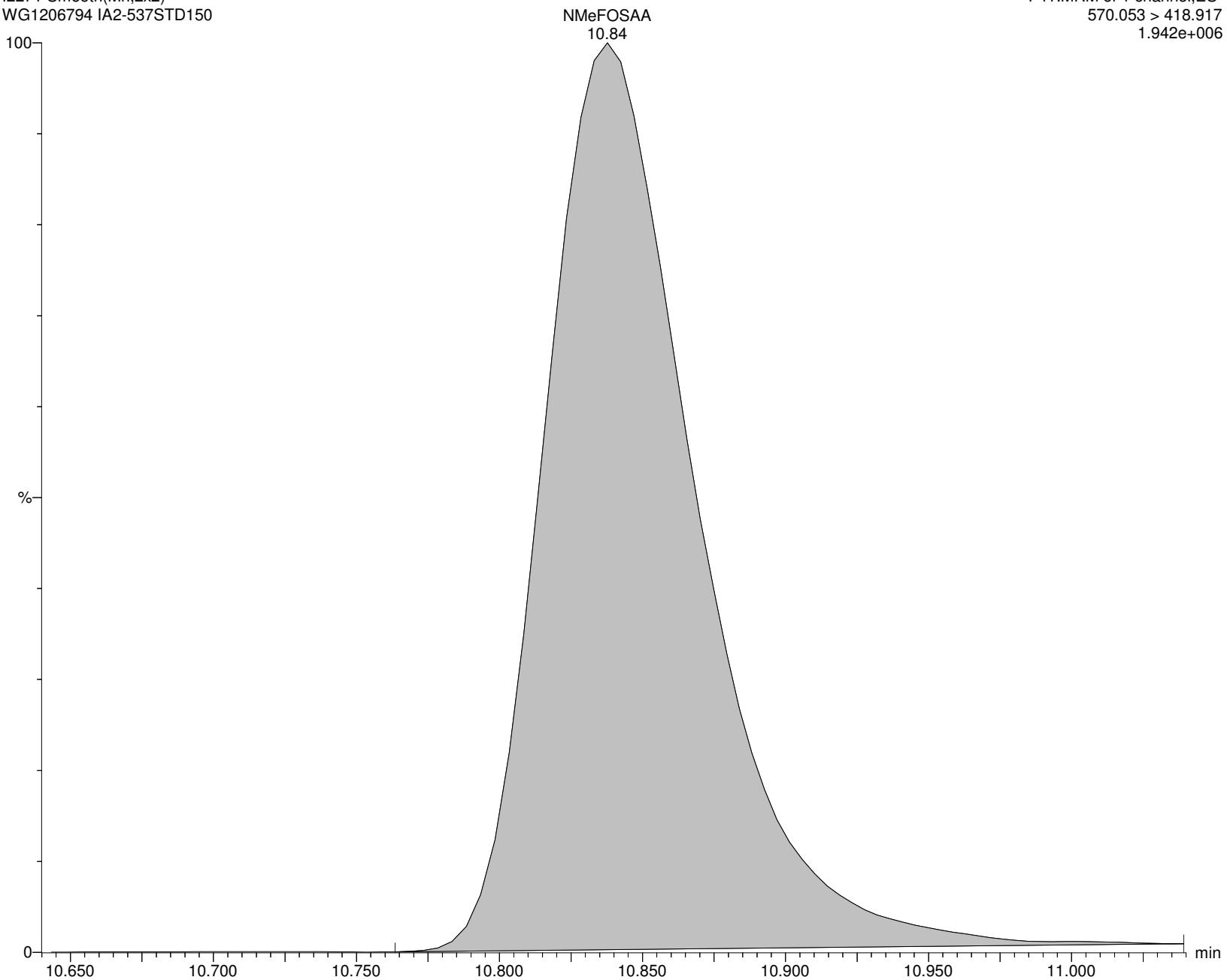
I2271 Smooth(Mn,2x2)

WG1206794 IA2-537STD150

F41:MRM of 1 channel,ES-

570.053 > 418.917

1.942e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFUnA

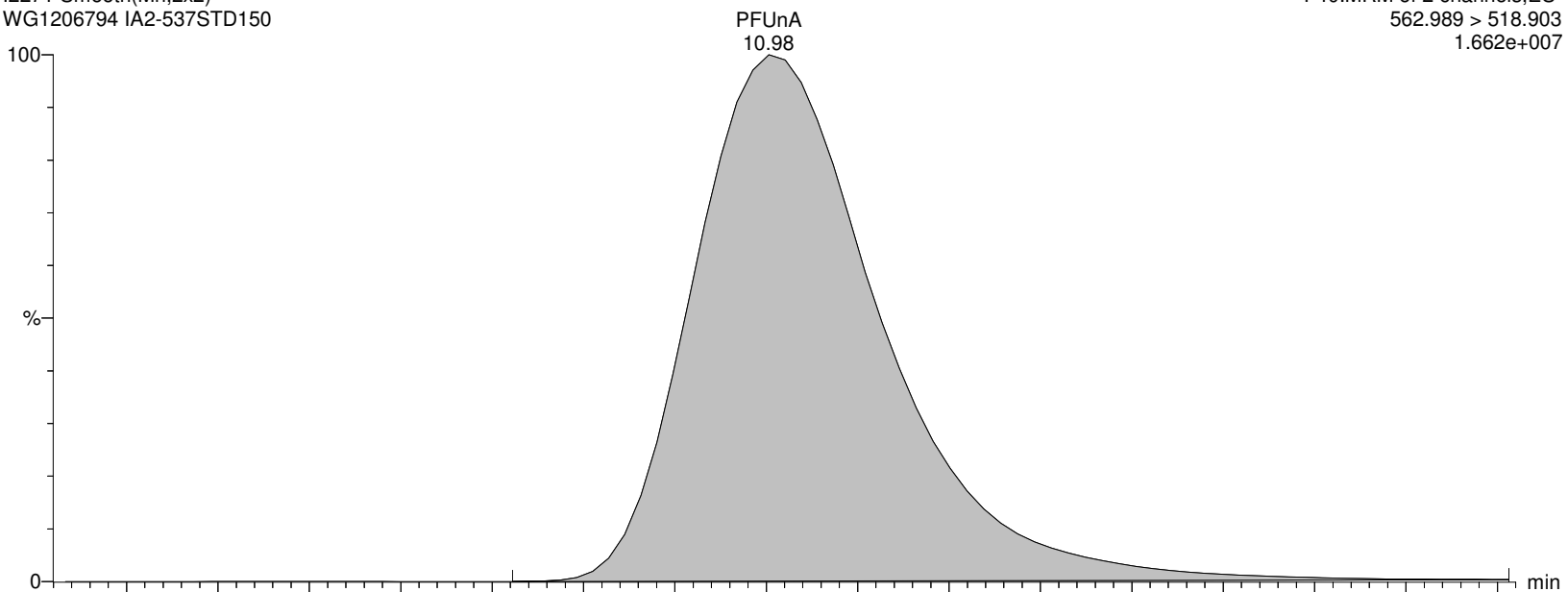
I2271 Smooth(Mn,2x2)

WG1206794 IA2-537STD150

F40:MRM of 2 channels,ES-

562.989 > 518.903

1.662e+007



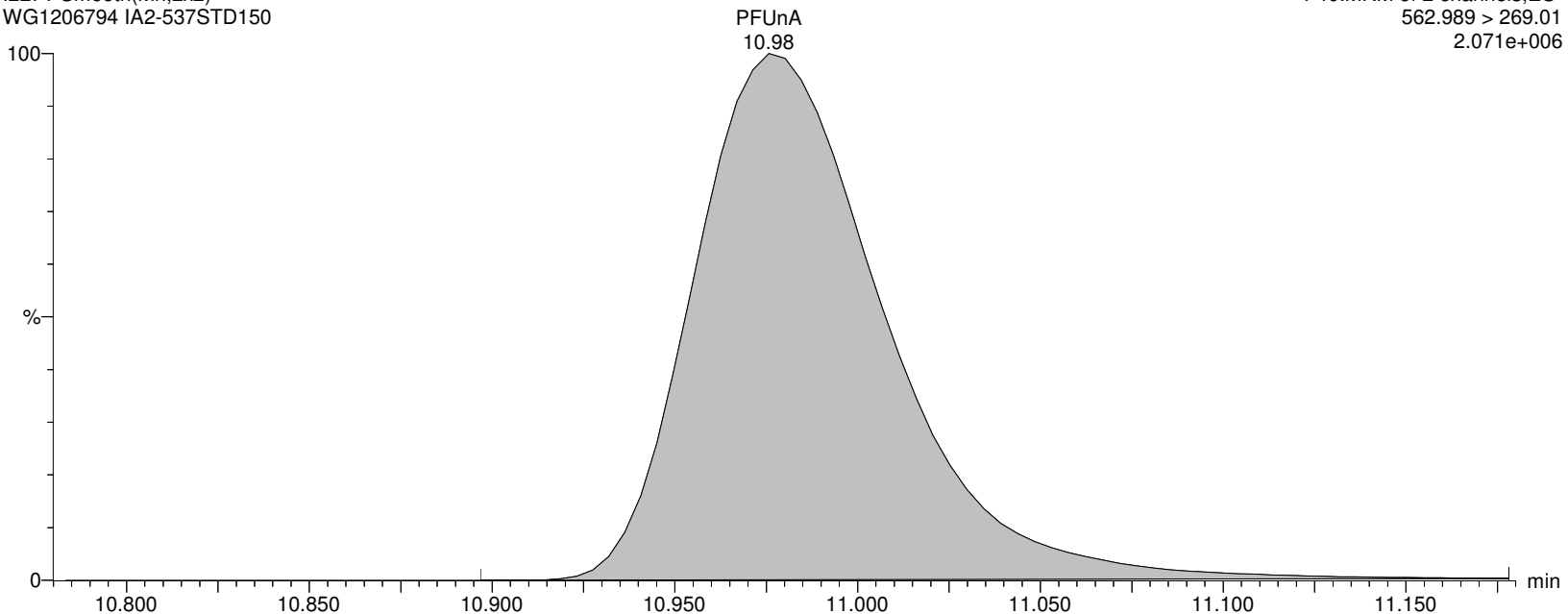
I2271 Smooth(Mn,2x2)

WG1206794 IA2-537STD150

F40:MRM of 2 channels,ES-

562.989 > 269.01

2.071e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M7-PFUDA

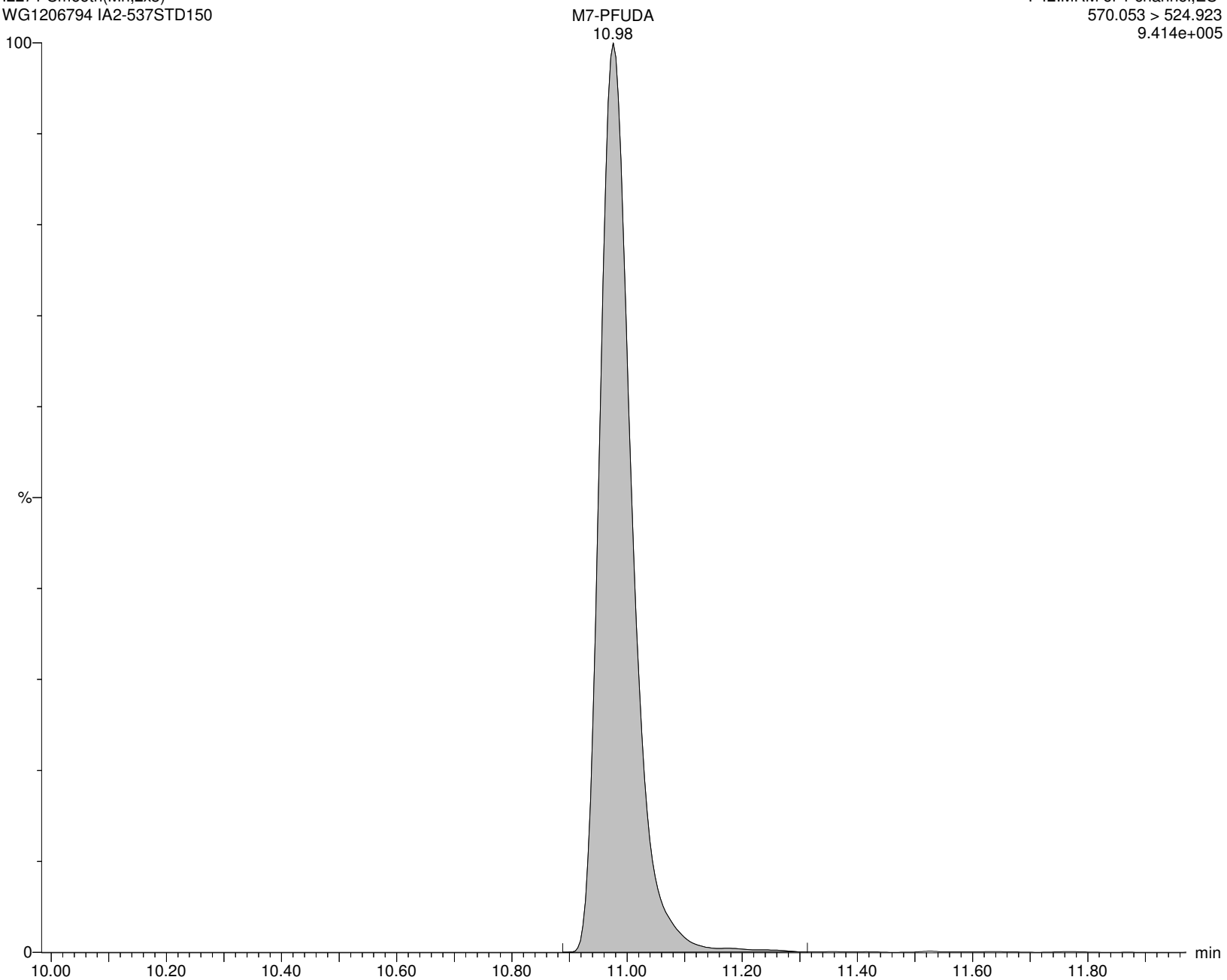
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F42:MRM of 1 channel,ES-

570.053 > 524.923

9.414e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDS

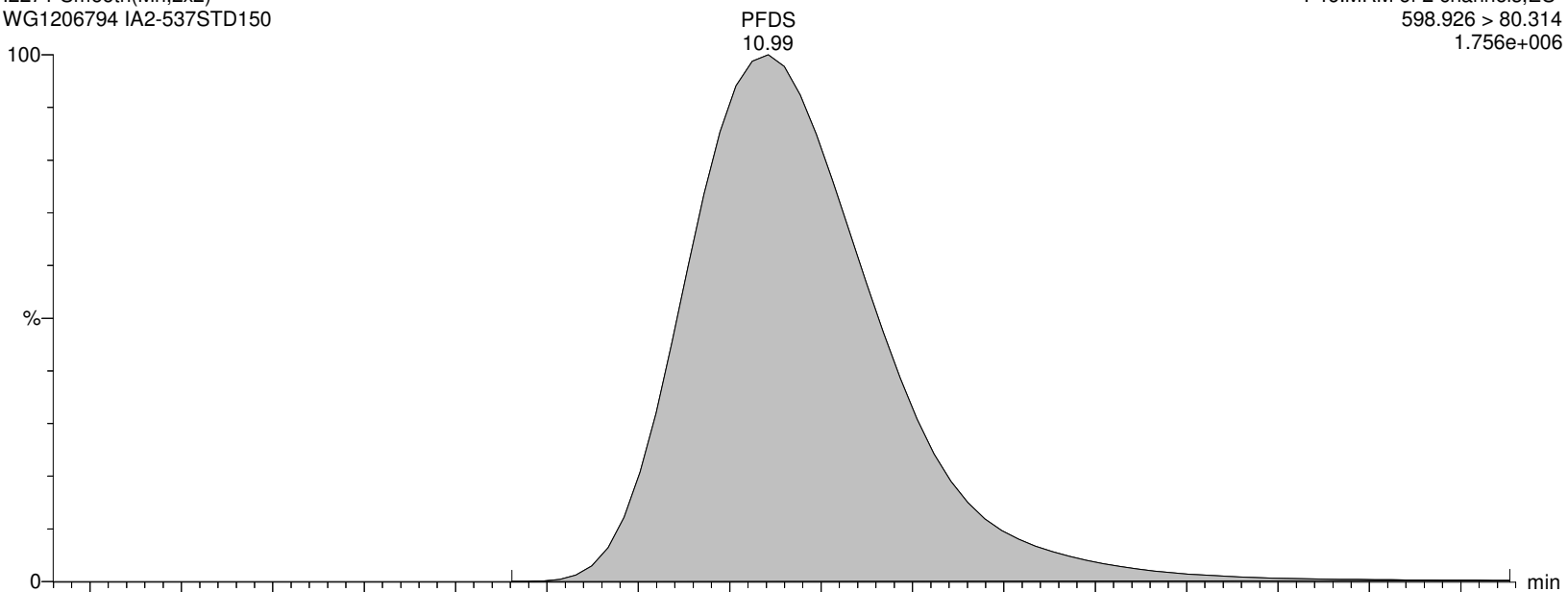
I2271 Smooth(Mn,2x2)

WG1206794 IA2-537STD150

F46:MRM of 2 channels,ES-

598.926 > 80.314

1.756e+006



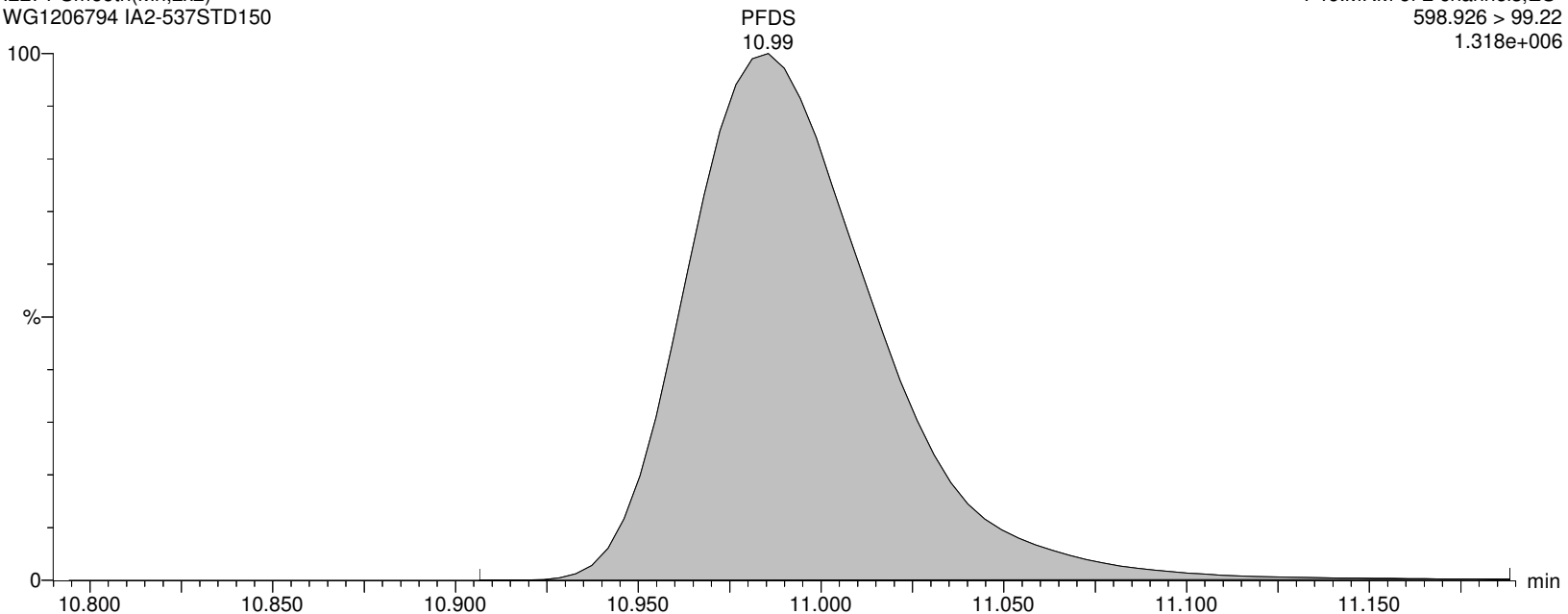
I2271 Smooth(Mn,2x2)

WG1206794 IA2-537STD150

F46:MRM of 2 channels,ES-

598.926 > 99.22

1.318e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

FOSA

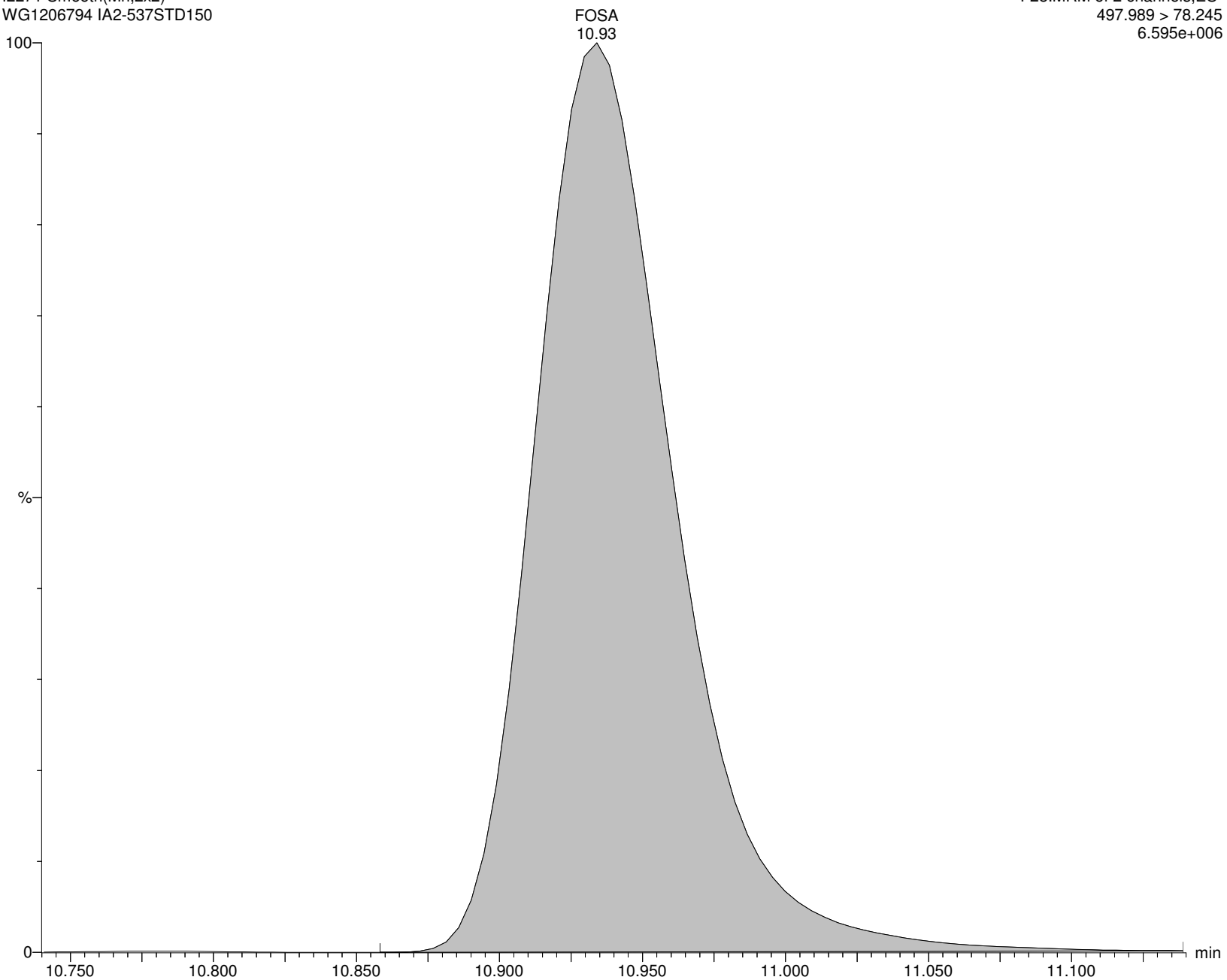
I2271 Smooth(Mn,2x2)

WG1206794 IA2-537STD150

F28:MRM of 2 channels,ES-

497.989 > 78.245

6.595e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8FOSA

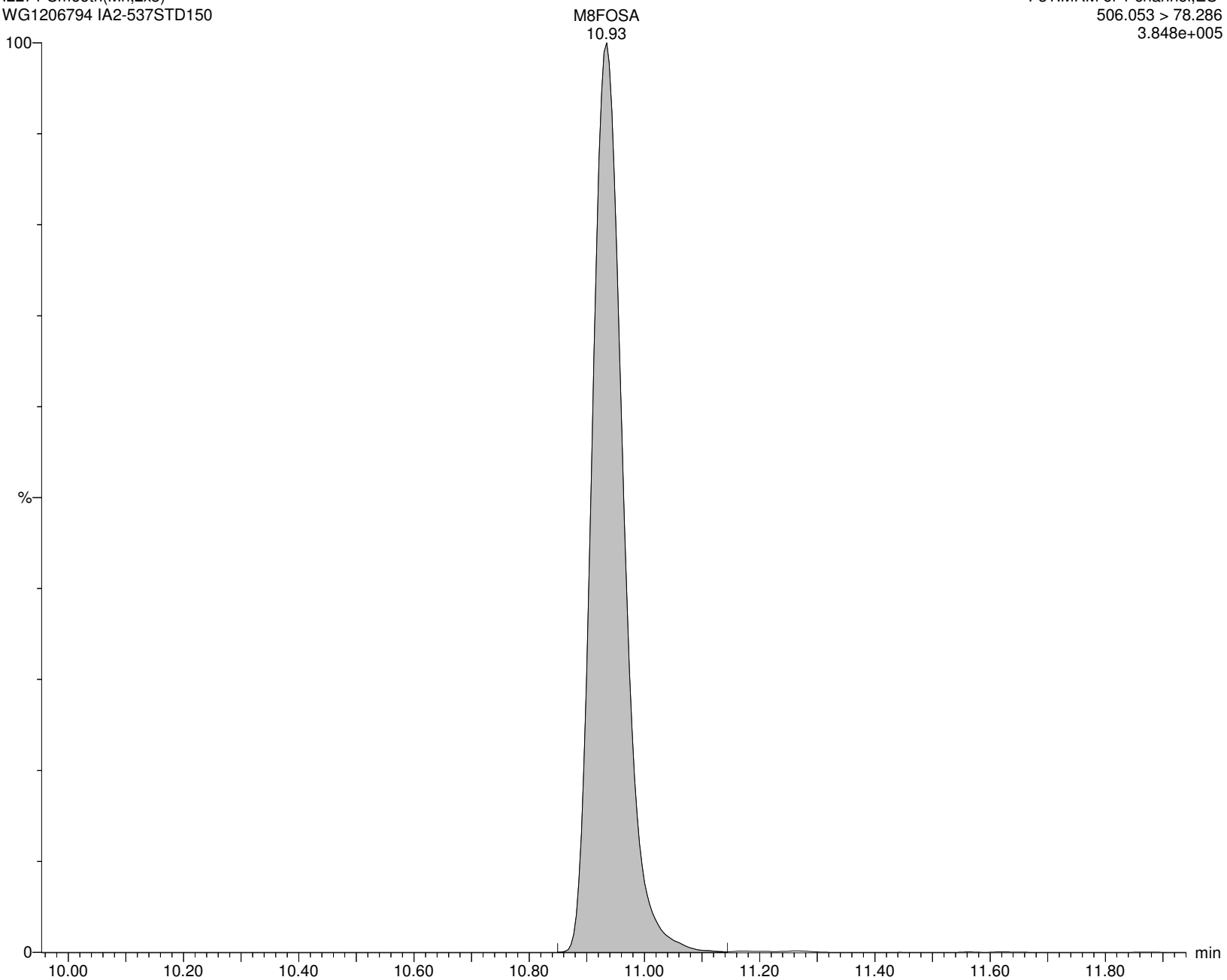
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F31:MRM of 1 channel,ES-

506.053 > 78.286

3.848e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d5-NEtFOSAA

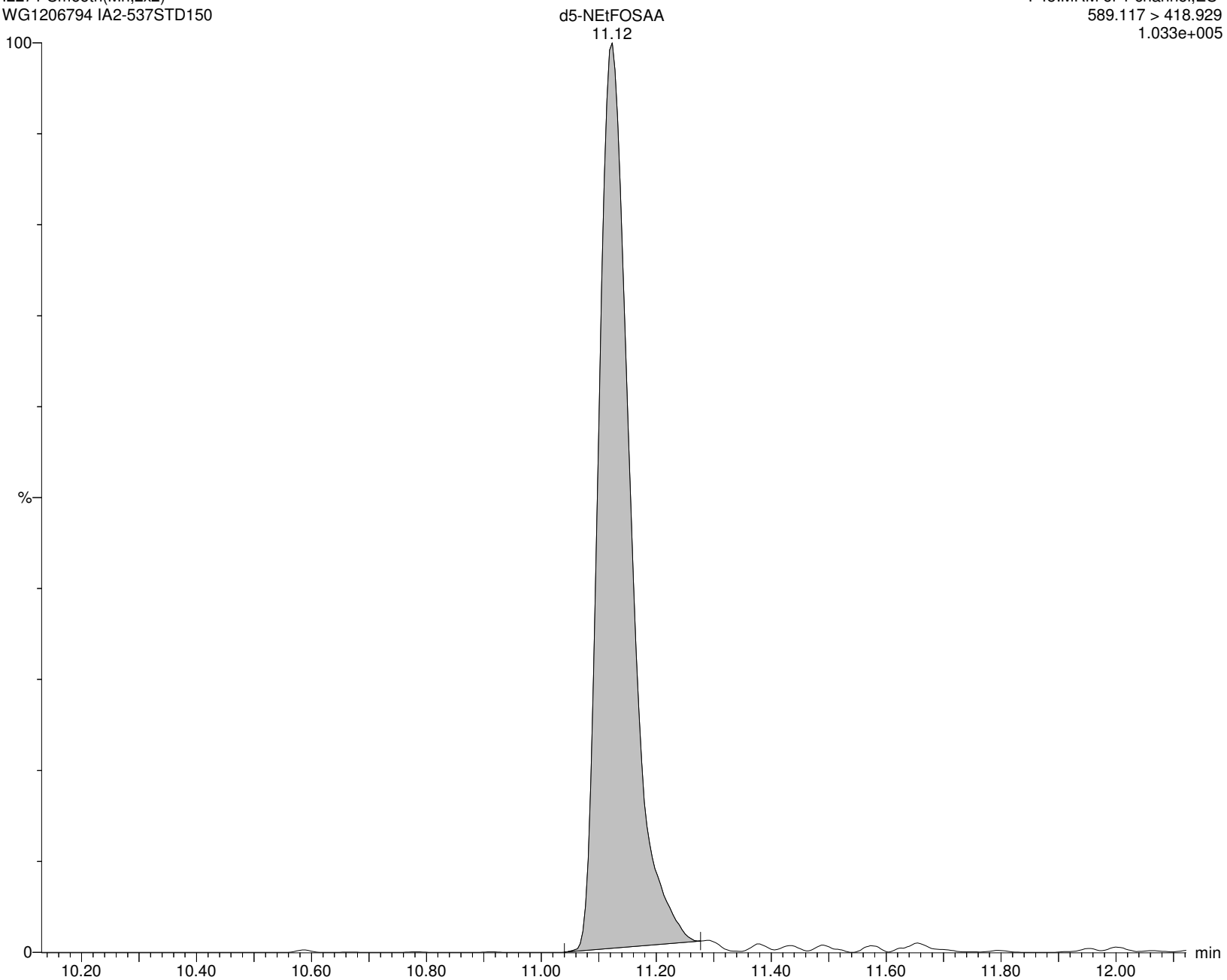
I2271 Smooth(Mn,2x2)

WG1206794 IA2-537STD150

F45:MRM of 1 channel,ES-

589.117 > 418.929

1.033e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

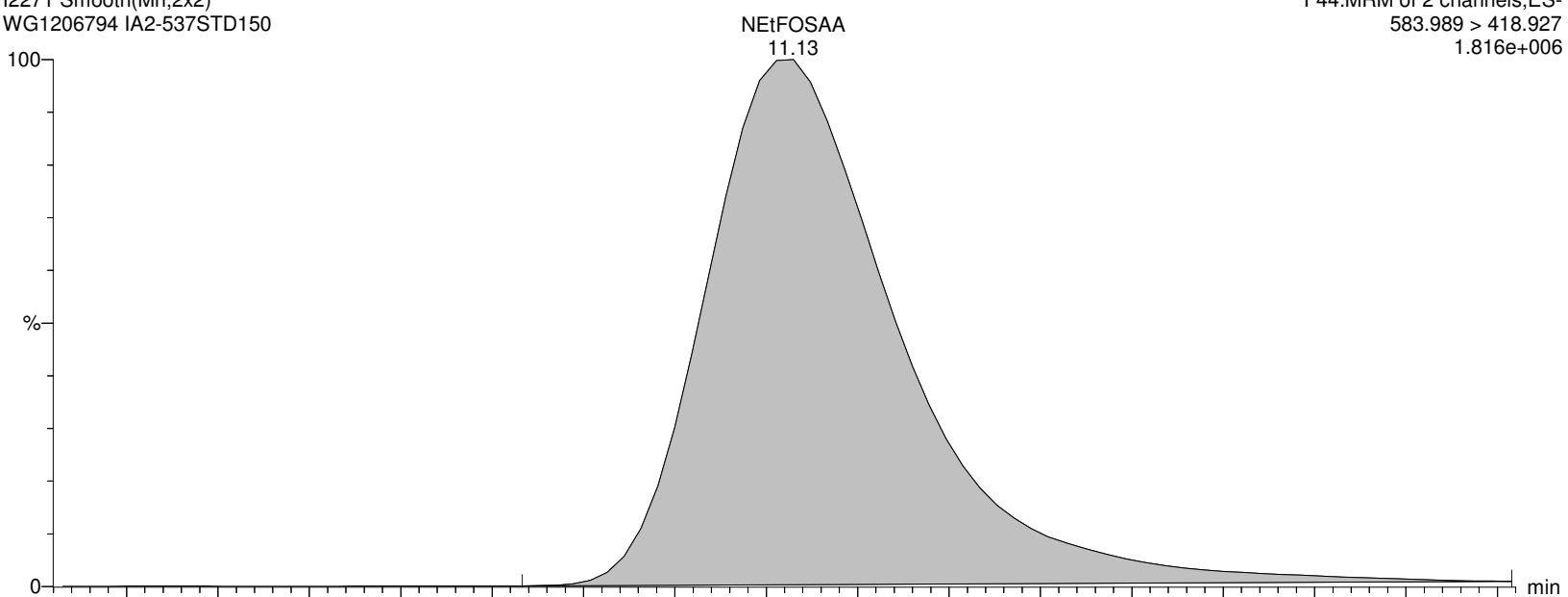
Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NEtFOSAA

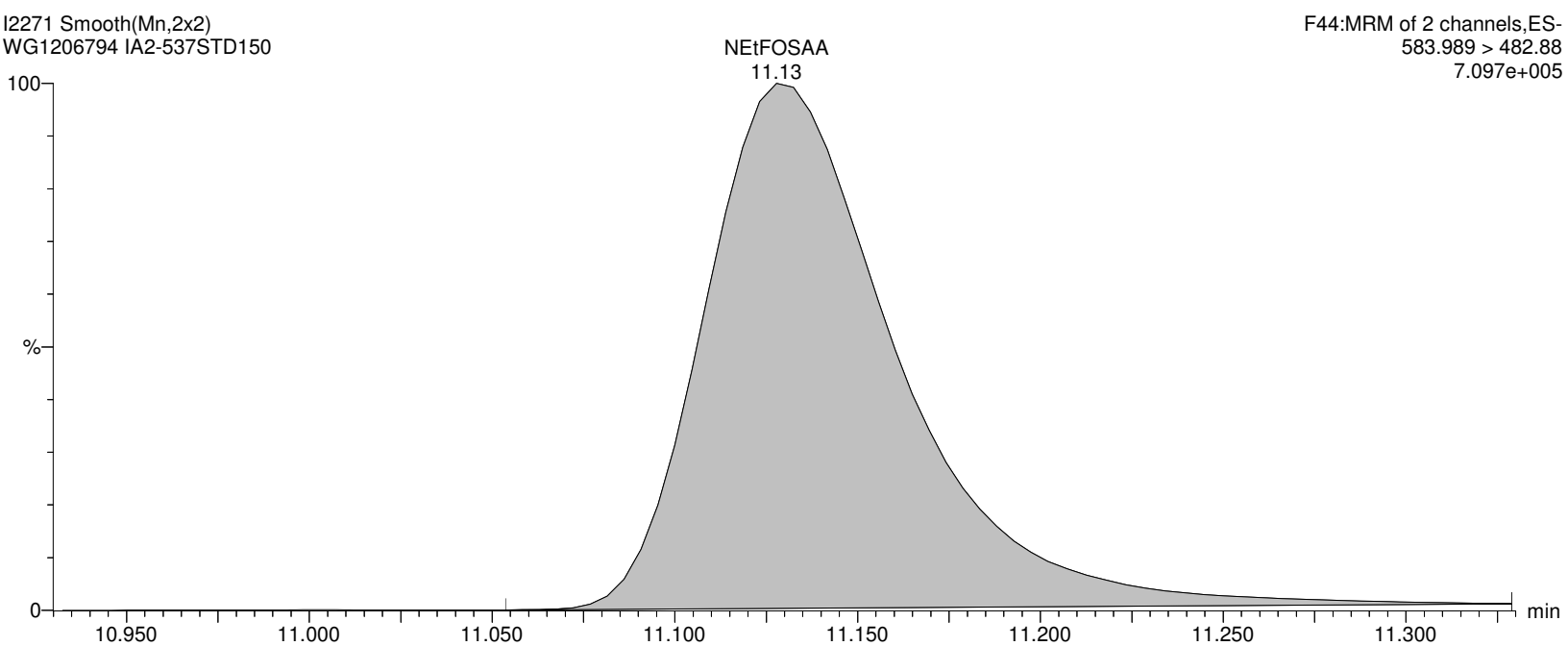
I2271 Smooth(Mn,2x2)

WG1206794 IA2-537STD150



I2271 Smooth(Mn,2x2)

WG1206794 IA2-537STD150



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

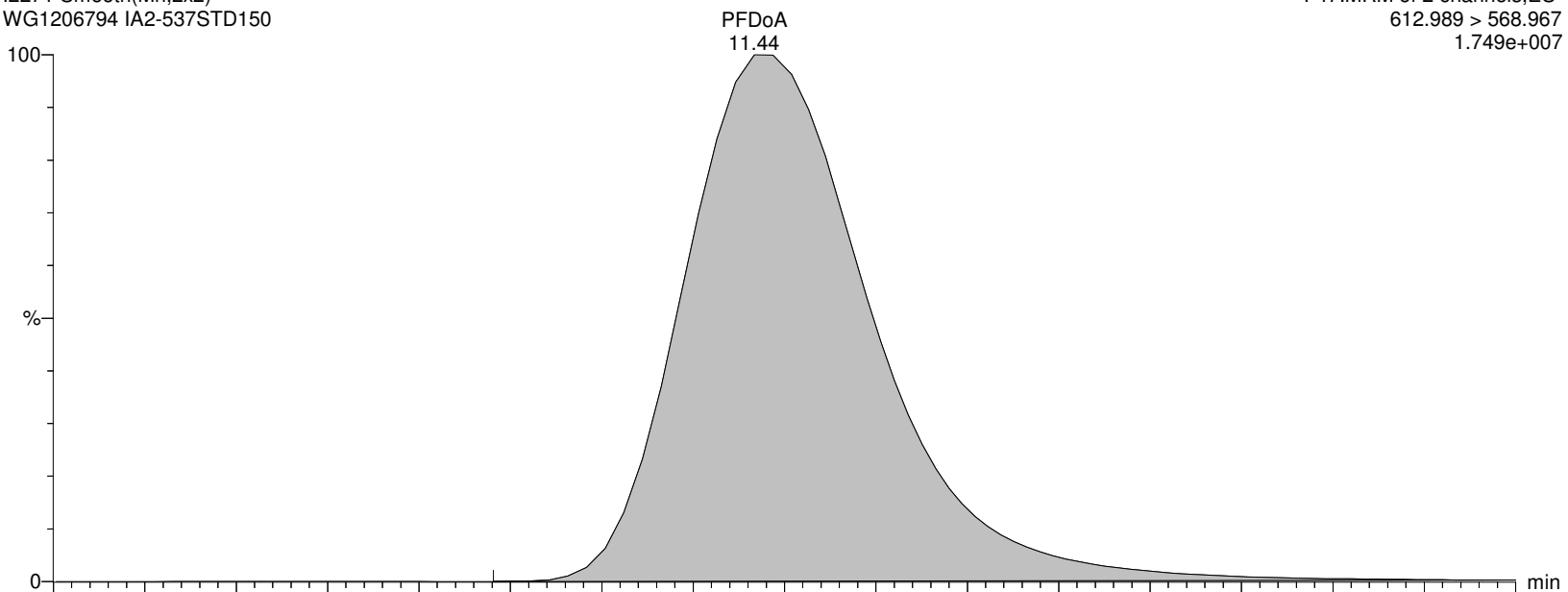
Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFD_oA

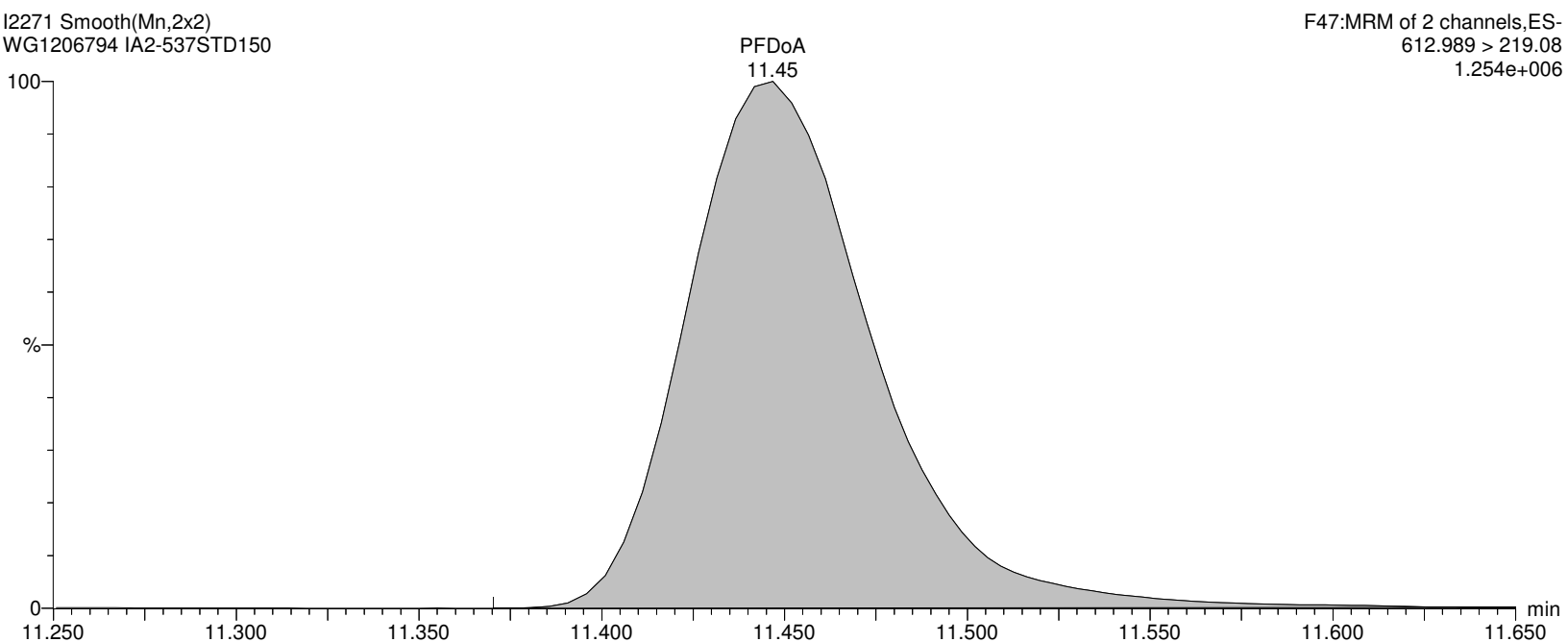
I2271 Smooth(Mn,2x2)

WG1206794 IA2-537STD150



I2271 Smooth(Mn,2x2)

WG1206794 IA2-537STD150



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFDOA

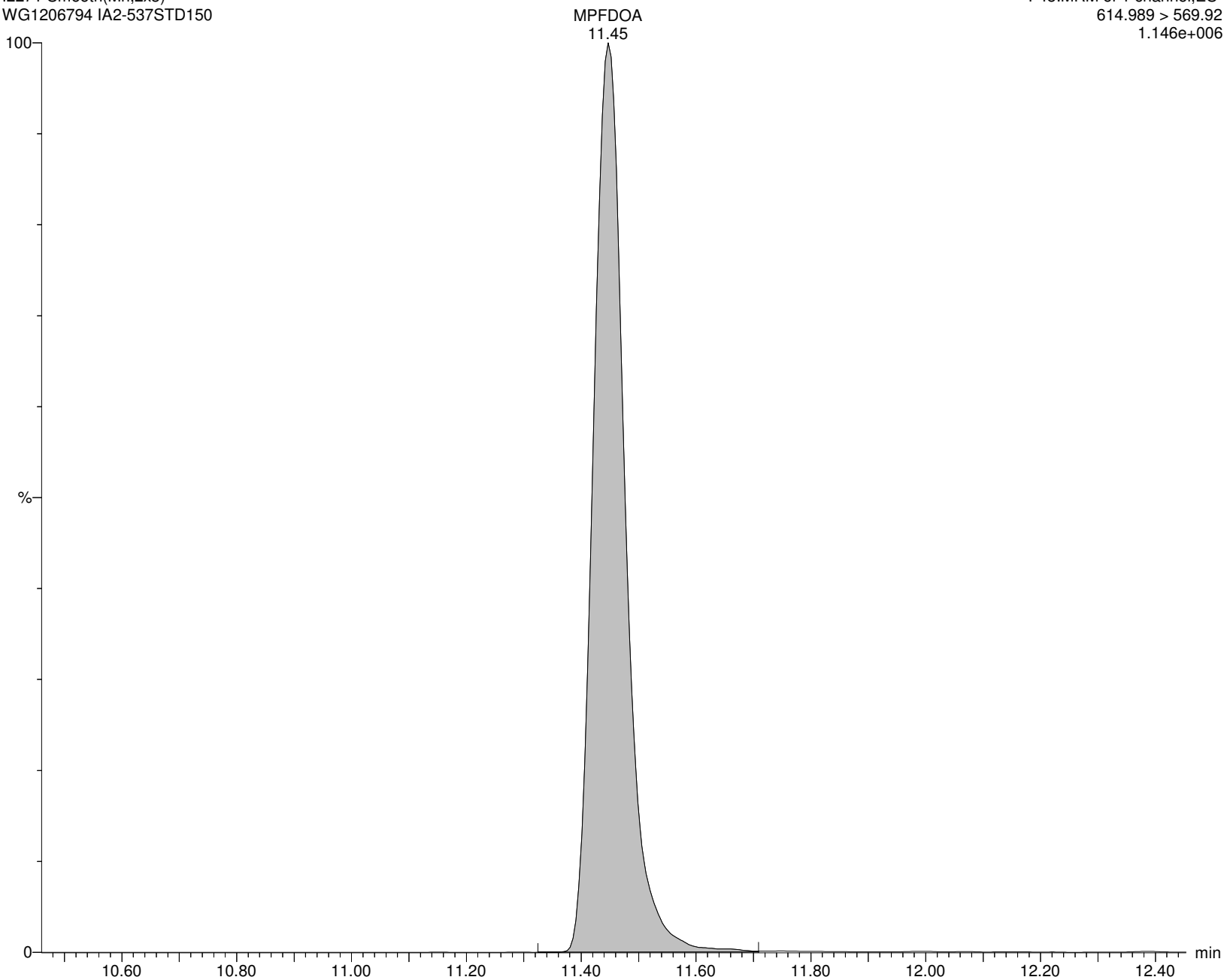
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F48:MRM of 1 channel,ES-

614.989 > 569.92

1.146e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTrDA

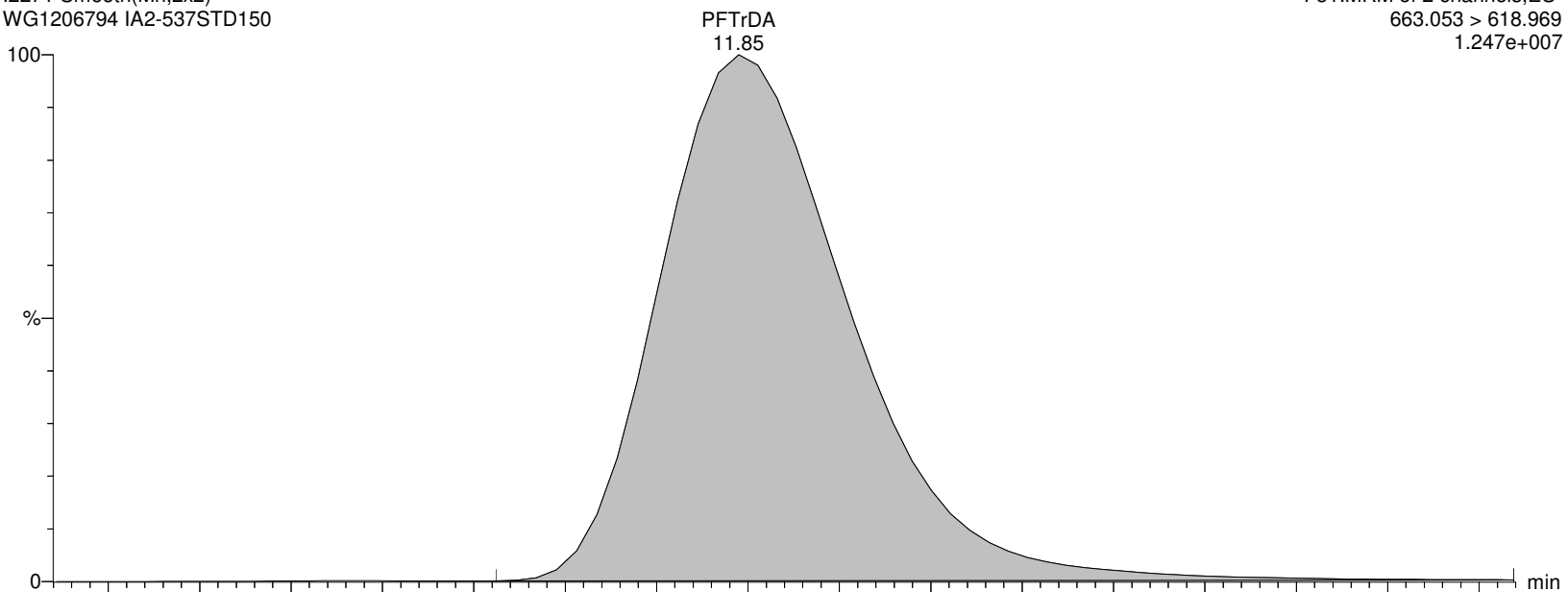
I2271 Smooth(Mn,2x2)

WG1206794 IA2-537STD150

F51:MRM of 2 channels,ES-

663.053 > 618.969

1.247e+007



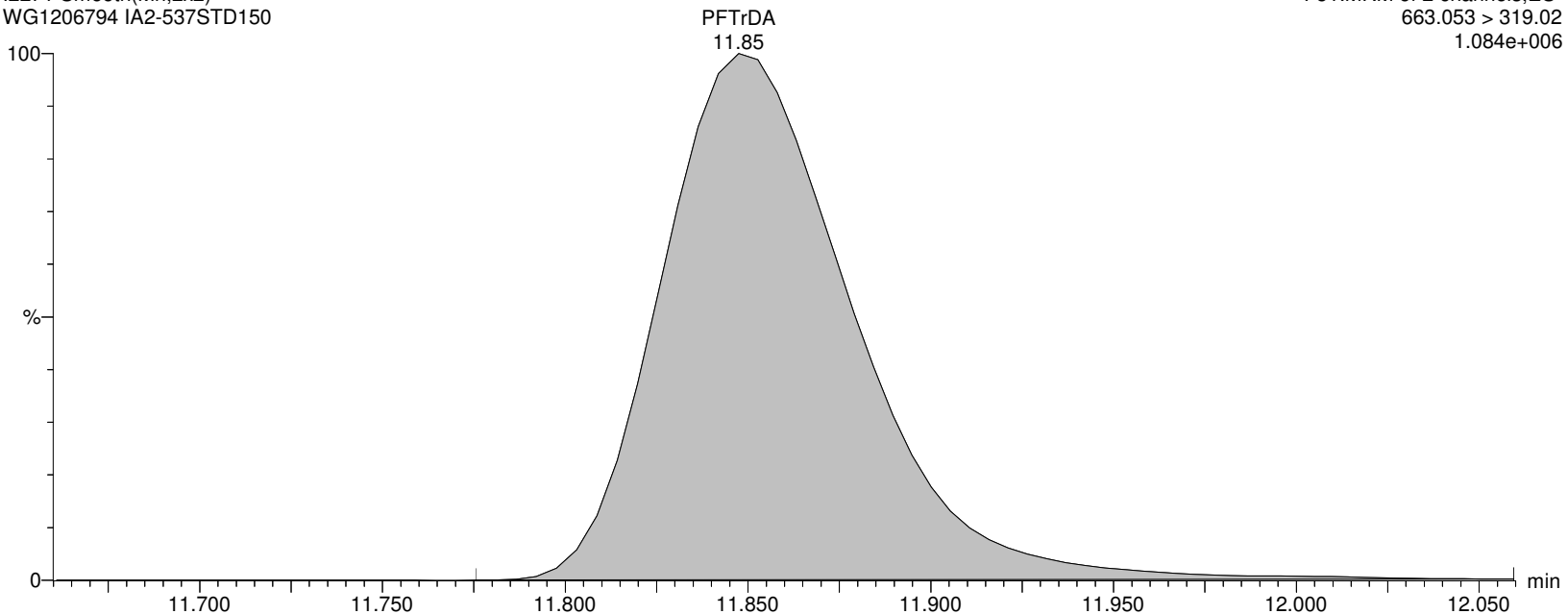
I2271 Smooth(Mn,2x2)

WG1206794 IA2-537STD150

F51:MRM of 2 channels,ES-

663.053 > 319.02

1.084e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTA

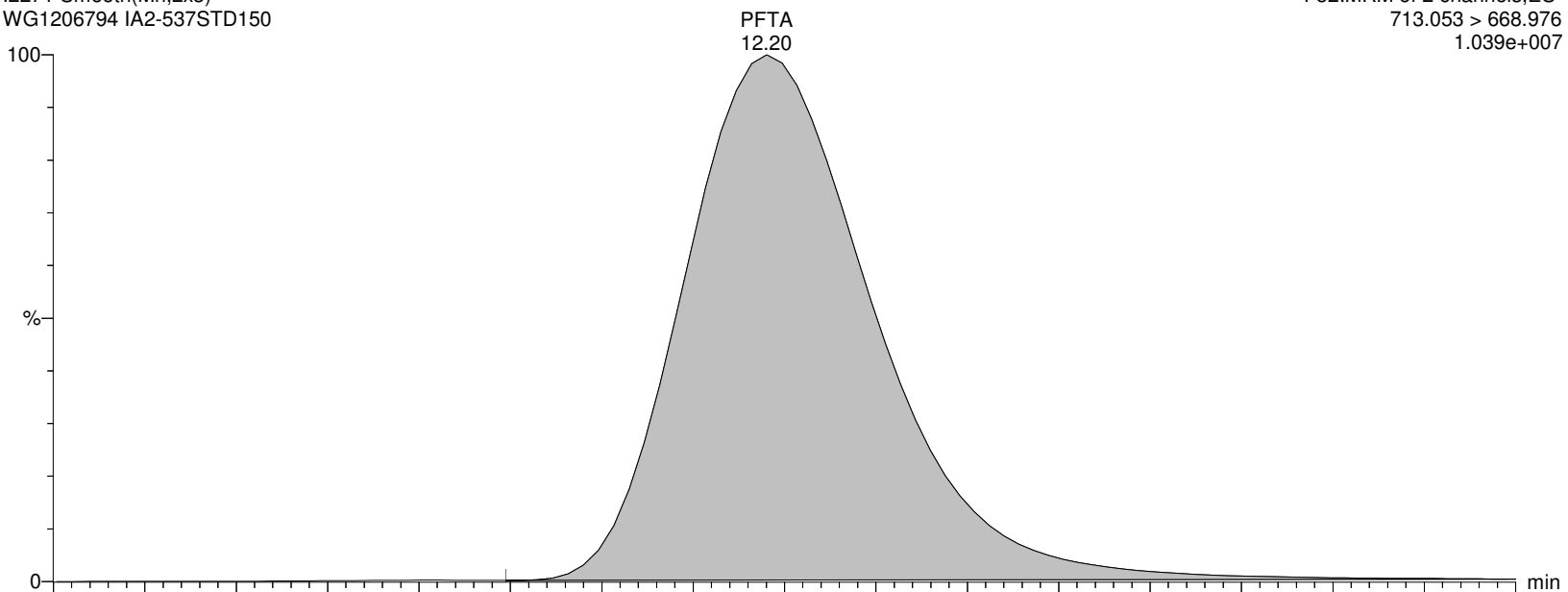
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F52:MRM of 2 channels,ES-

713.053 > 668.976

1.039e+007



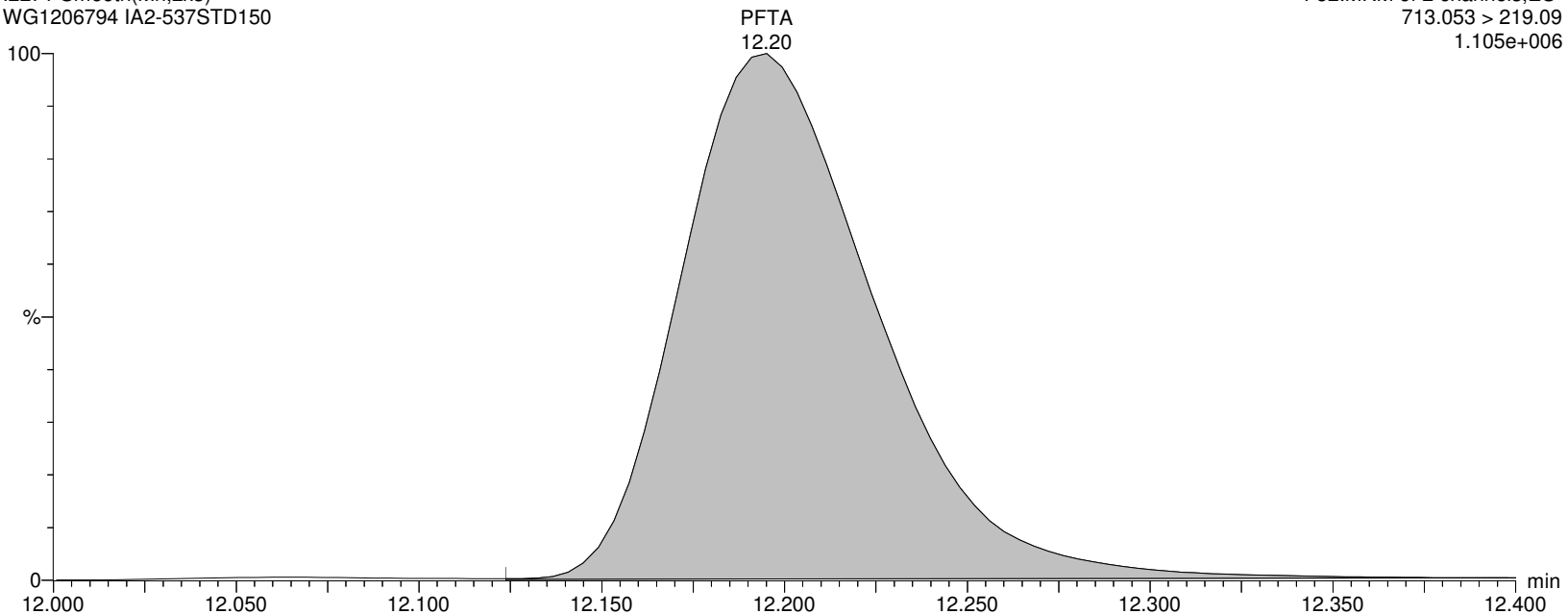
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F52:MRM of 2 channels,ES-

713.053 > 219.09

1.105e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFTEDA

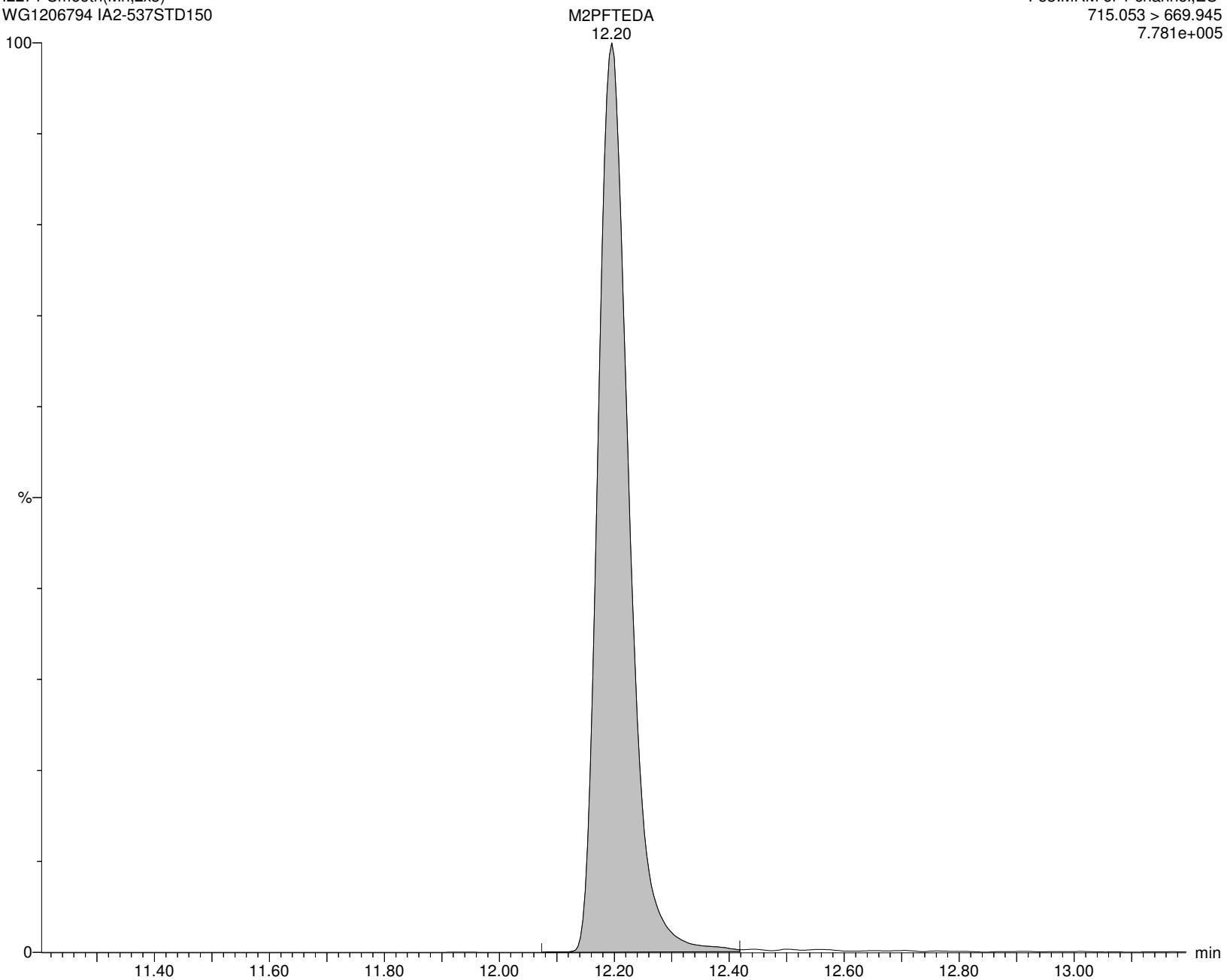
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F53:MRM of 1 channel,ES-

715.053 > 669.945

7.781e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3HFPO-DA

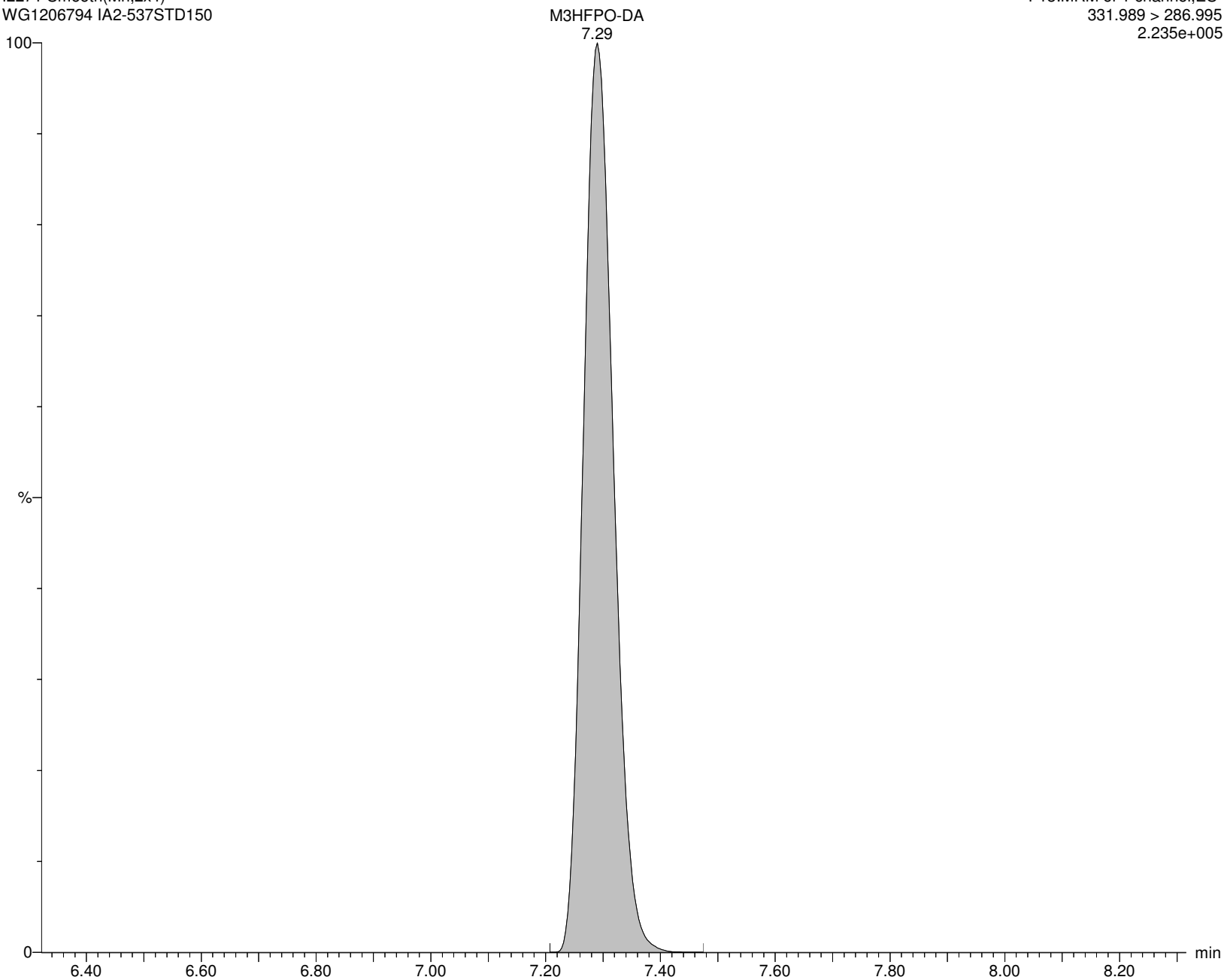
I2271 Smooth(Mn,2x4)

WG1206794 IA2-537STD150

F13:MRM of 1 channel,ES-

331.989 > 286.995

2.235e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

HFPO-DA

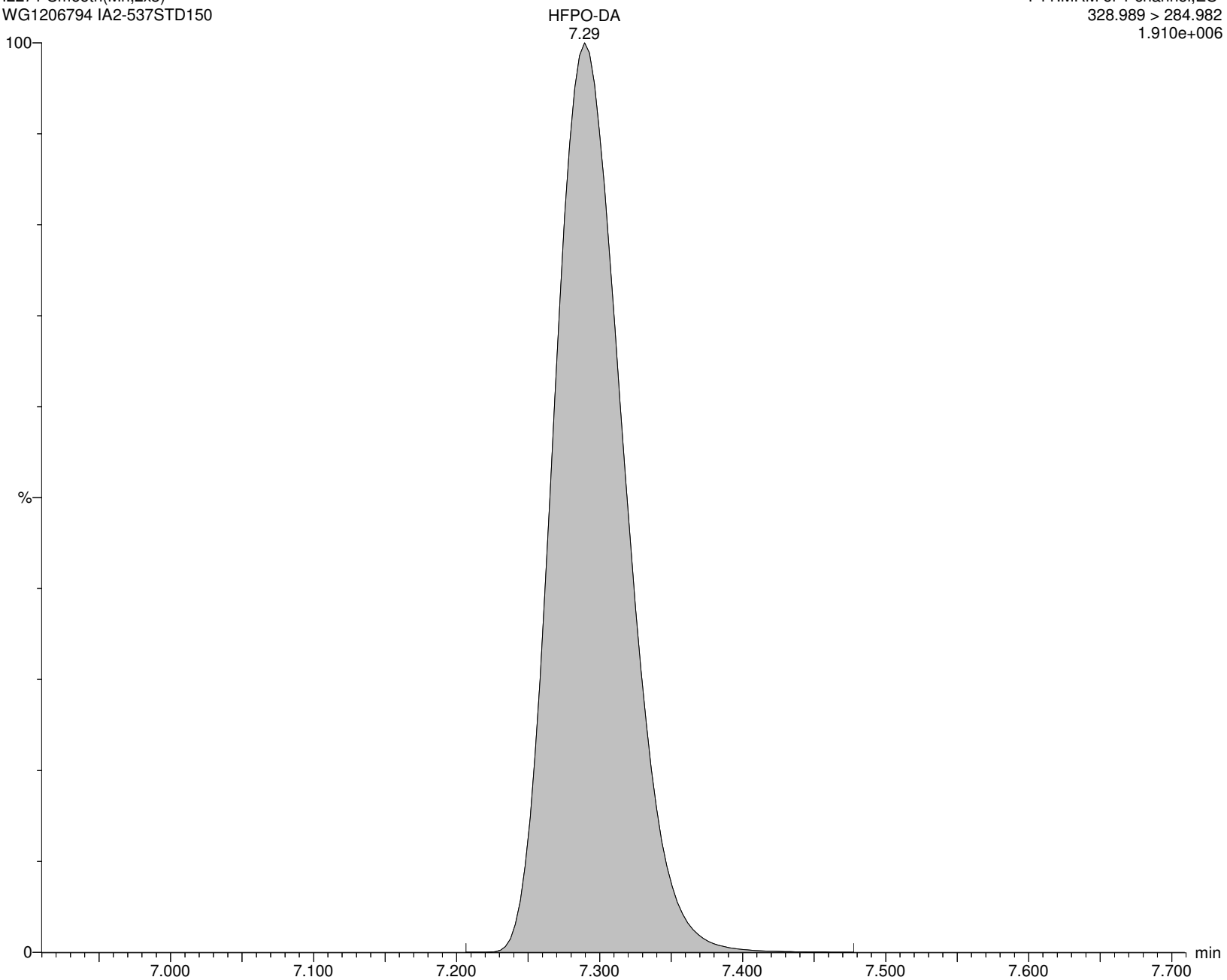
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F11:MRM of 1 channel,ES-

328.989 > 284.982

1.910e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

ADONA

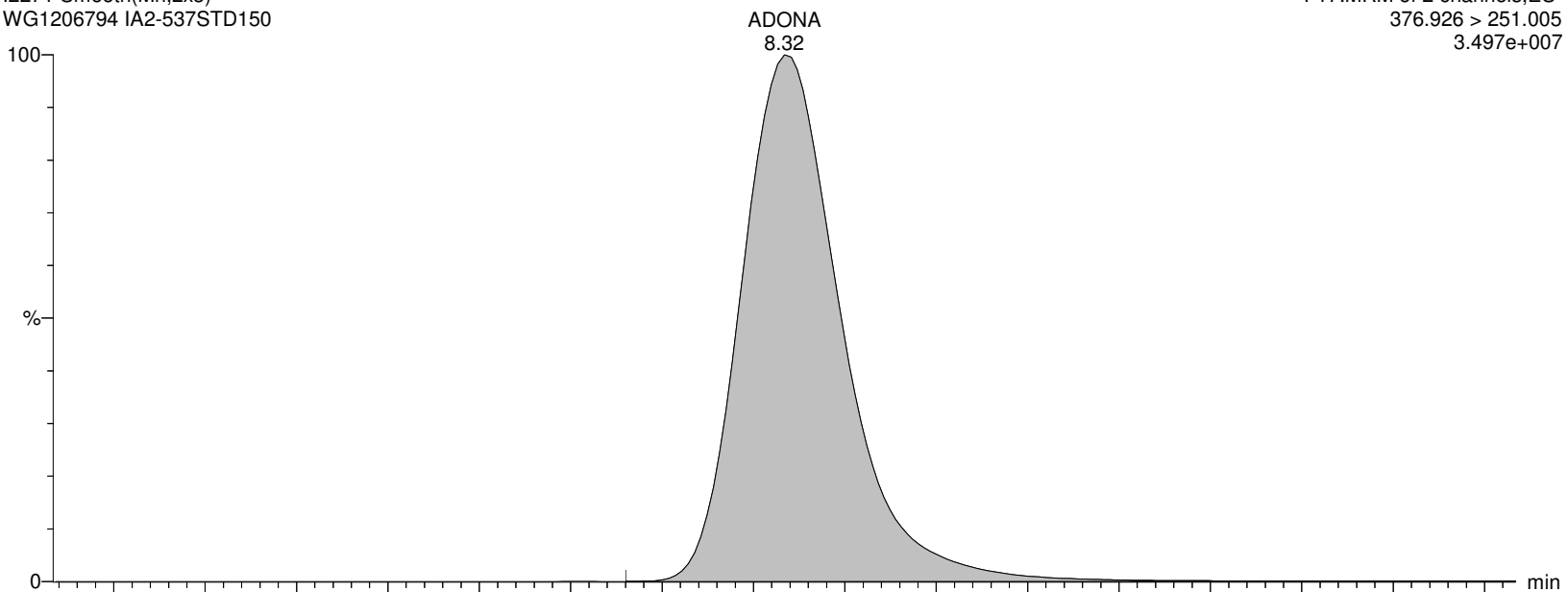
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F17:MRM of 2 channels,ES-

376.926 > 251.005

3.497e+007



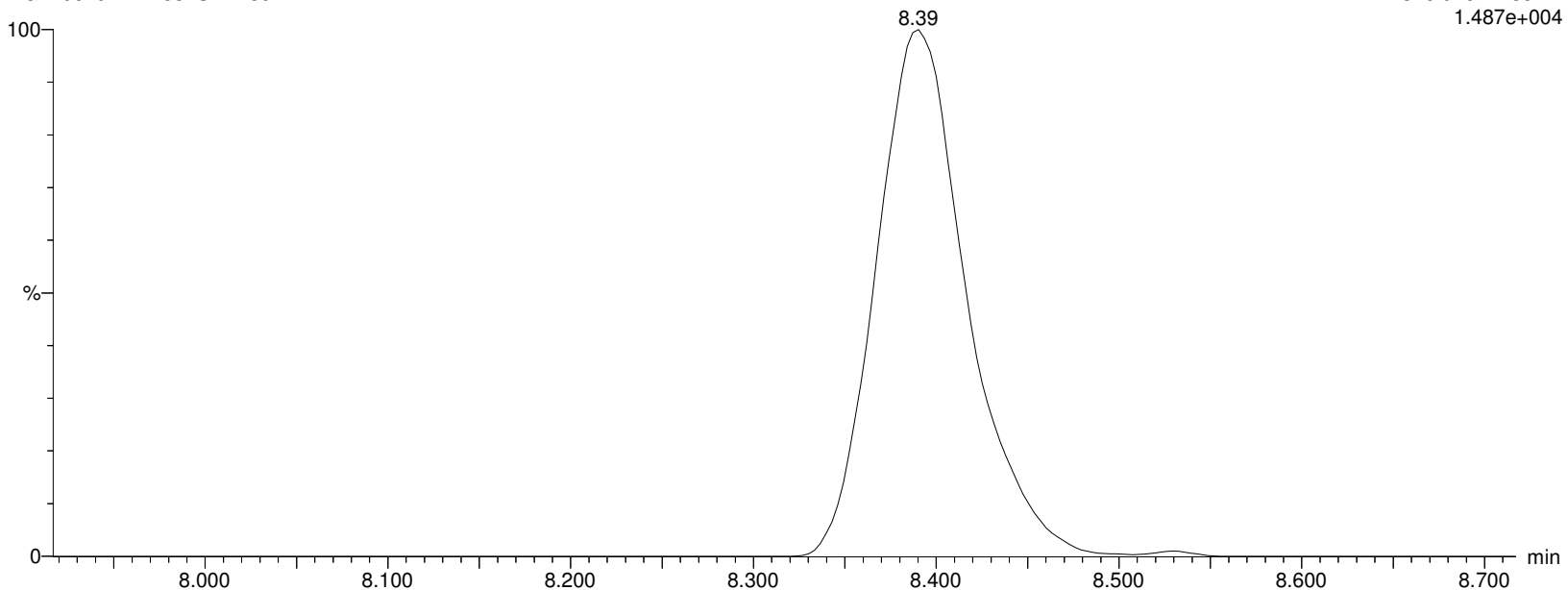
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F17:MRM of 2 channels,ES-

376.926 > 135.12

1.487e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxDA

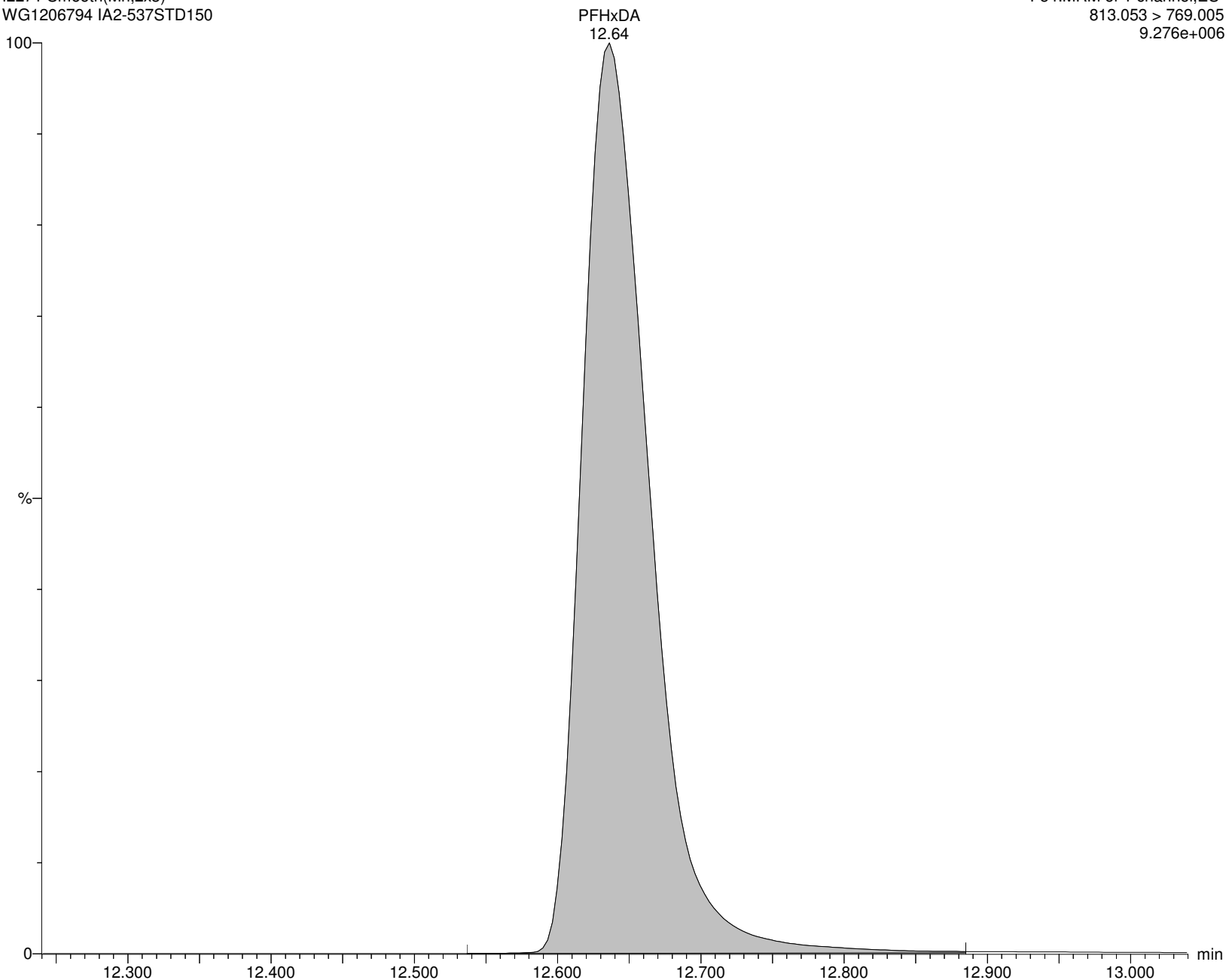
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F54:MRM of 1 channel,ES-

813.053 > 769.005

9.276e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFODA

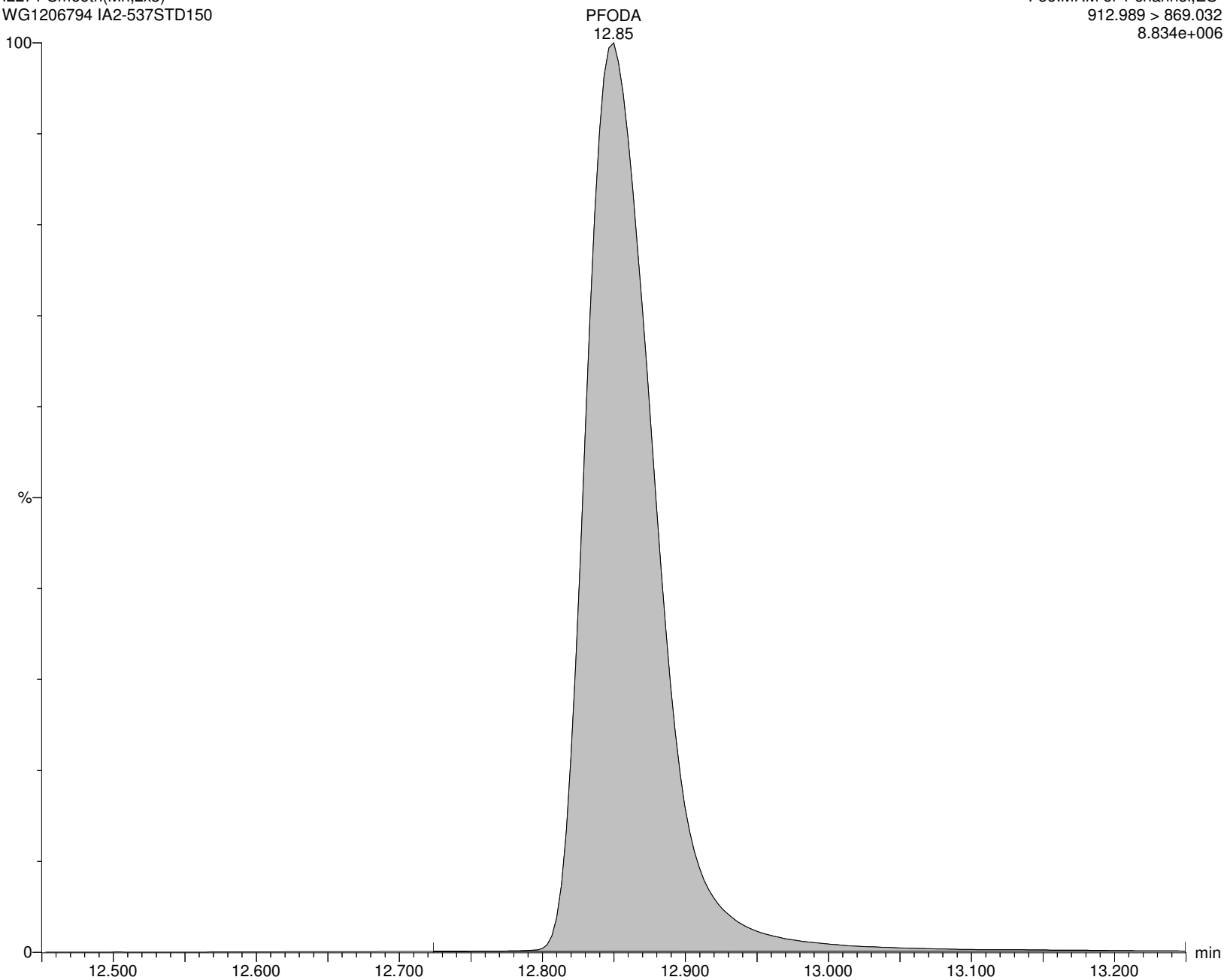
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F56:MRM of 1 channel,ES-

912.989 > 869.032

8.834e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:08 Eastern Standard Time

Name: I2271

ID: IA2-537STD150

Date: 14-Feb-2019

Time: 16:56:49

Description: WG1206794

User: LCMS02:PB

Vial: 2:A,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFHxDA

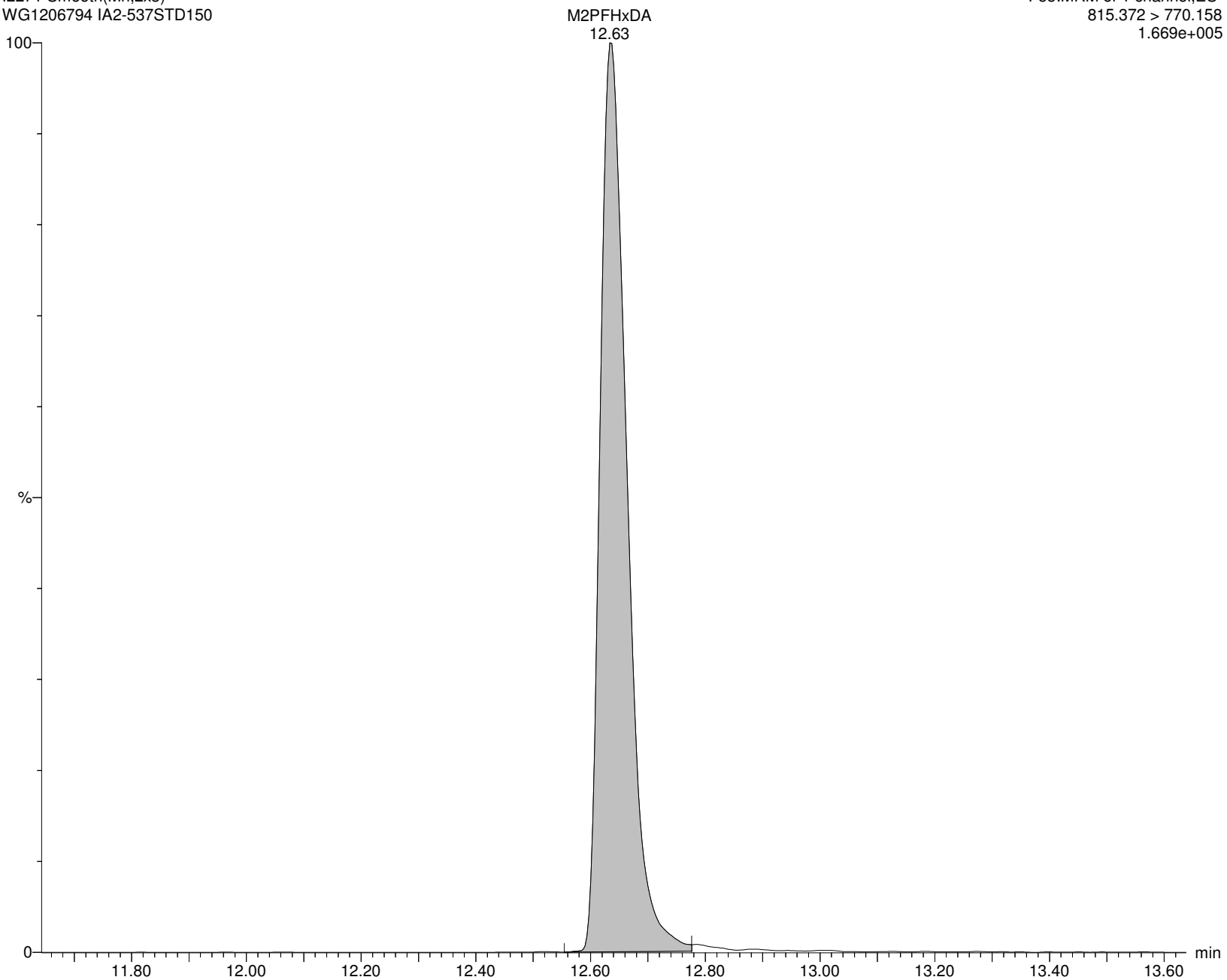
I2271 Smooth(Mn,2x3)

WG1206794 IA2-537STD150

F55:MRM of 1 channel,ES-

815.372 > 770.158

1.669e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Method: C:\MassLynx\Data\2019\190214_537ISO.PRO\MethDB\537ISO_Q.mdb 10 Jan 2019 15:42:15

Calibration: C:\MassLynx\Data\2019\190214_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 07:45:17

ID: IA2-537STD250

Name: I2272

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:PB

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.31	212.926 > 169.111	1048512		253.961		na	101.6
2	M3PFBA	INT STD	2.31	215.926 > 172.122	44777		9.433		na	94.3
3	MPFBA	INT STD	2.31	216.926 > 172.137	48130		9.950		na	99.5
4	PFPeA	2706-90-3	5.04	262.926 > 219.002	1533852		251.104		na	100.4
5	M5PFPEA	INT STD	5.04	267.989 > 223.081	57037		9.479		na	94.8
6	PFBS	375-73-5	5.66	298.989 > 80.295	229177		217.409		na	98.3
7	M3PFBS	INT STD	5.66	301.989 > 80.254	10098		10.361		na	103.6
8	4:2FTS	757124-72-4	6.80	326.926 > 306.957	147887		ND	2.25	YES	
9	M2-4:2FTS	INT STD	6.80	329.117 > 309.079	11044		24.428		na	244.3
10	PFHxA	307-24-4	6.88	312.989 > 269.028	1868111		250.750	17.71	NO	100.3
11	M5PFHxA	INT STD	6.88	317.989 > 273.045	73574		9.799		na	98.0
12	PFPeS	2706-91-4	7.18	348.926 > 80.251	238447		230.343	1.97	NO	98.0
13	PFHpA	375-85-9	8.14	362.926 > 319.014	2353327		247.225	5.43	NO	98.9
14	M4PFHpA	INT STD	8.14	366.926 > 321.979	95082		9.803		na	98.0
15	br-PFHxS	355-46-4	8.06	398.926 > 80.295	47972		42.802	2.01	YES	100.7
16	L-PFHxS	355-46-4	8.29	398.926 > 80.295	175913		179.690	1.48	NO	97.1
17	PFHxS	355-46-4		398.926 > 80.295	223885		222.492		na	
18	M3PFHxS	INT STD	8.29	401.926 > 80.317	7073		10.253		na	102.5
19	br-PFOA	335-67-1		412.989 > 368.9			ND		YES	
20	L-PFOA	335-67-1	9.07	412.989 > 368.9	2281376		247.882	10.11	NO	99.2
21	M2PFOA	INT STD	9.07	415.032 > 369.968	90309		9.119		na	91.2
22	PFOA	335-67-1		412.989 > 368.9	2281376		247.882		na	
23	M8PFOA	INT STD	9.07	420.989 > 375.979	86080		9.925		na	99.2
24	6:2FTS	27619-97-2	9.03	426.989 > 406.921	109655		ND		na	
25	M2-6:2FTS	INT STD	9.03	428.989 > 408.917	10031		22.090		na	220.9
26	PFHpS	375-92-8	9.16	448.926 > 80.257	130088		236.646	0.95	YES	99.6
27	PFNA	375-95-1	9.82	462.989 > 418.931	1839669		246.430	4.68	NO	98.6
28	M9PFNA	INT STD	9.82	472.053 > 426.947	80686		9.783		na	97.8
29	br-PFOS	1763-23-1	9.68	498.989 > 80.294	67894		50.683	4.23	NO	101.4
30	L-PFOS	1763-23-1	9.87	498.989 > 80.294	164812		179.878	1.67	YES	98.6
31	PFOS	1763-23-1		498.989 > 80.294	232706		230.561		na	
32	M4PFOS	INT STD	9.87	503.032 > 80.306	7835		8.473		na	84.7
33	M8PFOS	INT STD	9.87	507.053 > 80.294	8008		10.166		na	101.7
34	PFDA	335-76-2	10.44	513.053 > 468.906	1572750		245.417	6.67	NO	98.2
35	M2PFDA	INT STD	10.44	515.053 > 469.934	65653		8.704		na	87.0
36	M6PFDA	INT STD	10.44	519.053 > 473.931	69119		9.836		na	98.4
37	8:2FTS	39108-34-4	10.44	526.989 > 506.946	74184		ND		na	
38	M2-8:2FTS	INT STD	10.44	529.053 > 508.945	5142		20.570		na	205.7
39	PFNS	68259-12-1	10.47	548.989 > 80.249	163870		238.379	1.38	NO	99.3

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

ID: IA2-537STD250

Name: I2272

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:PB

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.83	573.096 > 418.987	7888		11.805		na	118.1
41	NMeFOSAA	2355-31-9	10.84	570.053 > 418.917	200737		246.153		na	98.5
42	PfUnA	2058-94-8	10.98	562.989 > 518.903	1485587		251.030	7.78	NO	100.4
43	M7-PFUDA	INT STD	10.98	570.053 > 524.923	54497		9.247		na	92.5
44	PFDS	335-77-3	10.99	598.926 > 80.314	154266		239.987	1.30	YES	99.5
45	FOSA	754-91-6	10.93	497.989 > 78.245	575503		251.106		na	100.4
46	M8FOSA	INT STD	10.93	506.053 > 78.286	22233		10.075		na	100.8
47	d5-NEtFOSAA	INT STD	11.12	589.117 > 418.929	6694		11.072		na	110.7
48	NEtFOSAA	2991-50-6	11.13	583.989 > 418.927	182736		252.117	2.56	YES	100.8
49	PFDoA	307-55-1	11.45	612.989 > 568.967	1612881		246.432	13.96	NO	98.6
50	MPFDOA	INT STD	11.45	614.989 > 569.92	71969		10.644		na	106.4
51	PFTTrDA	72629-94-8	11.85	663.053 > 618.969	1226808		249.621	10.94	NO	99.8
52	PFTA	376-06-7	12.19	713.053 > 668.976	1027679		252.983	9.11	NO	101.2
53	M2PFTEDA	INT STD	12.20	715.053 > 669.945	48031		10.668		na	106.7
54	M3HFPO-DA	INT STD	7.28	331.989 > 286.995	15155		351.960		na	176.0
55	HFPO-DA	13252-13-6	7.28	328.989 > 284.982	202364		4852.446		na	97.0
56	ADONA	958445-44-8	8.32	376.926 > 251.005	3445241		234.973		YES	99.3
57	PFHxDA		12.64	813.053 > 769.005	791766		252.342		na	100.9
58	PFODA		12.85	912.989 > 869.032	784767		251.211		na	100.5
59	M2PFHxDA		12.64	815.372 > 770.158	8792		10.214		na	102.1

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Method: C:\MassLynx\Data\2019\190214_537ISO.PRO\MethDB\537ISO_Q.mdb 10 Jan 2019 15:42:15

Calibration: C:\MassLynx\Data\2019\190214_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 07:45:17

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBA

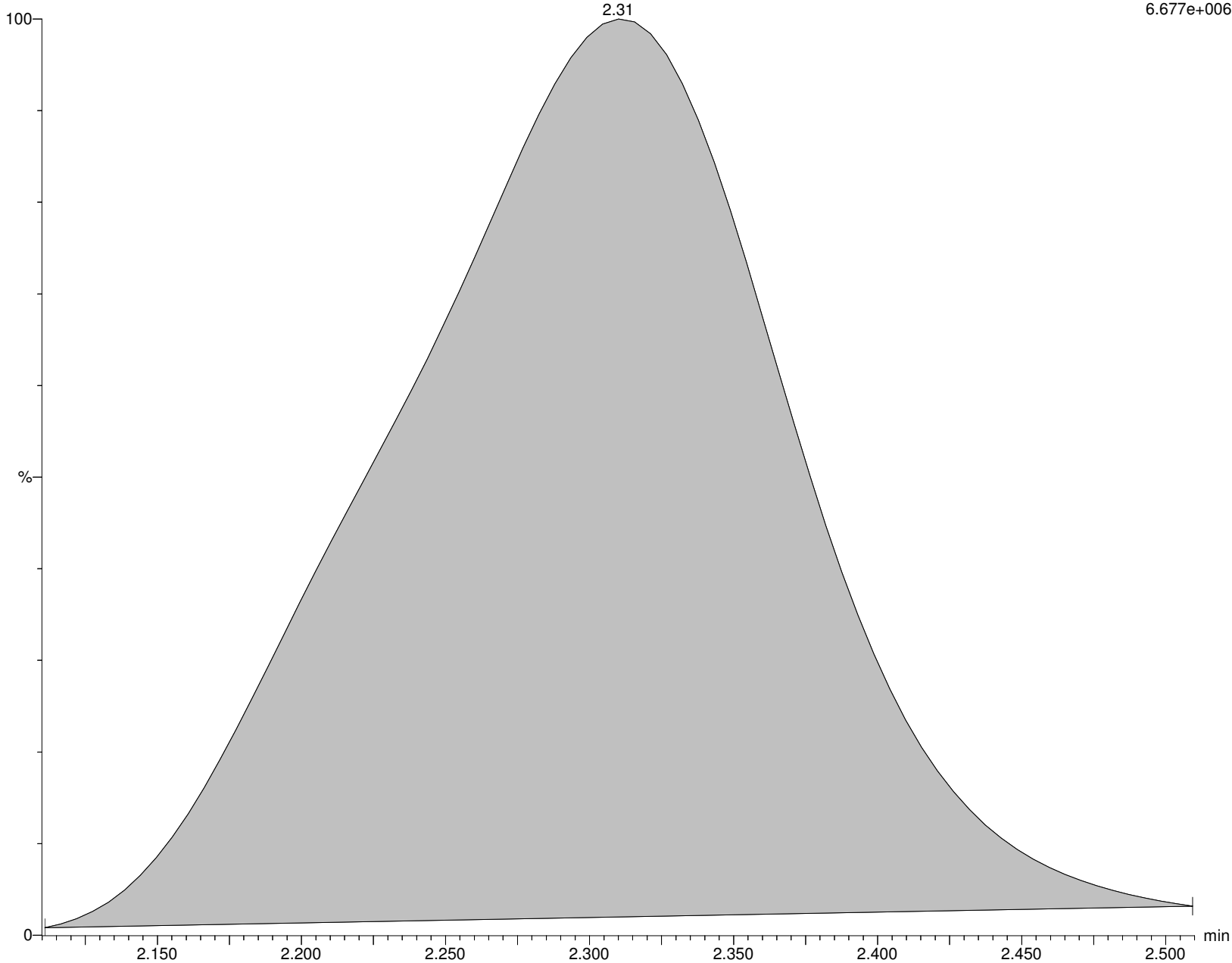
I2272 Smooth(Mn,2x5)

WG1206794 IA2-537STD250

F1:MRM of 1 channel,ES-

212.926 > 169.111

6.677e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBA

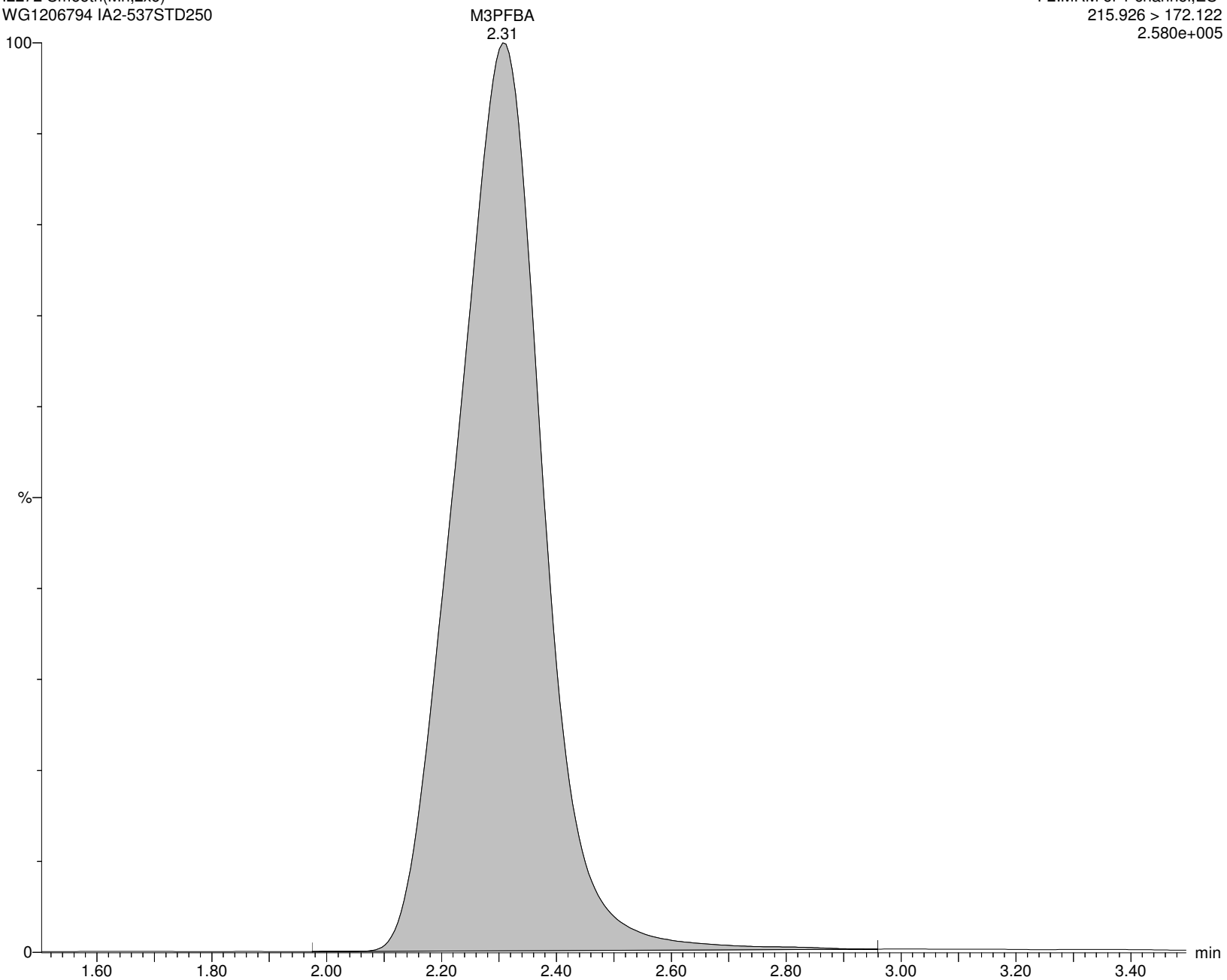
I2272 Smooth(Mn,2x6)

WG1206794 IA2-537STD250

F2:MRM of 1 channel,ES-

215.926 > 172.122

2.580e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFBA

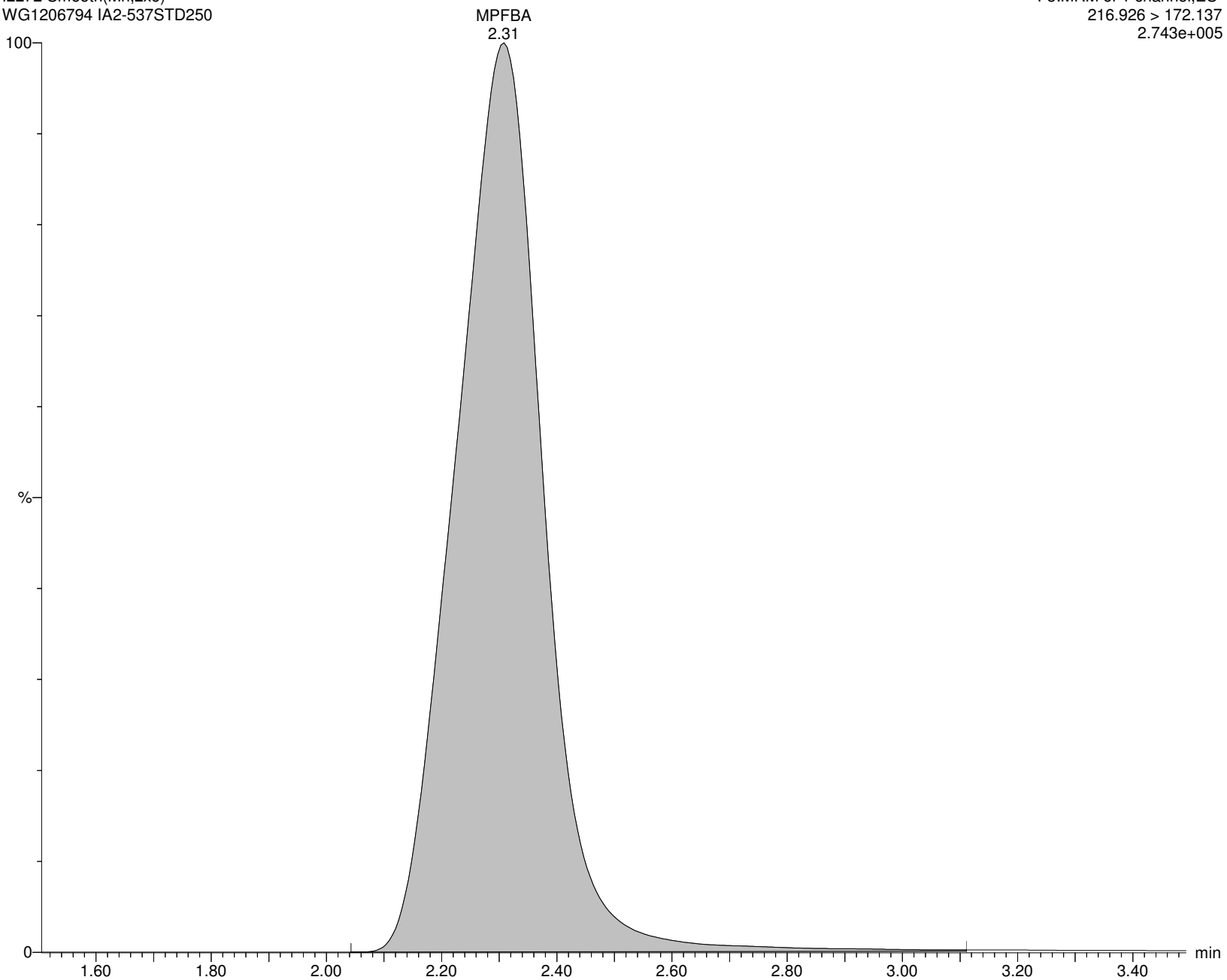
I2272 Smooth(Mn,2x6)

WG1206794 IA2-537STD250

F3:MRM of 1 channel,ES-

216.926 > 172.137

2.743e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeA

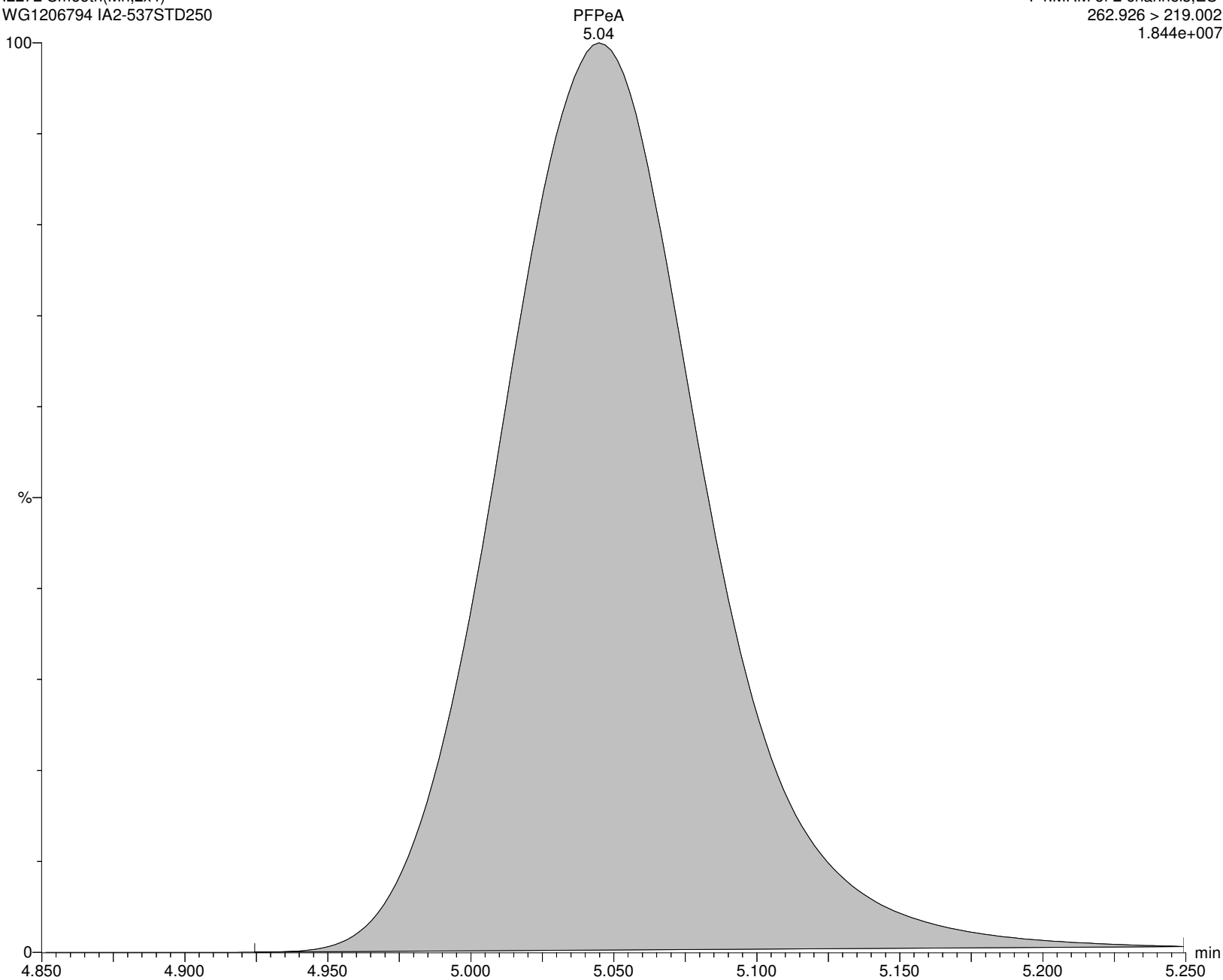
I2272 Smooth(Mn,2x4)

WG1206794 IA2-537STD250

F4:MRM of 2 channels,ES-

262.926 > 219.002

1.844e+007



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFPEA

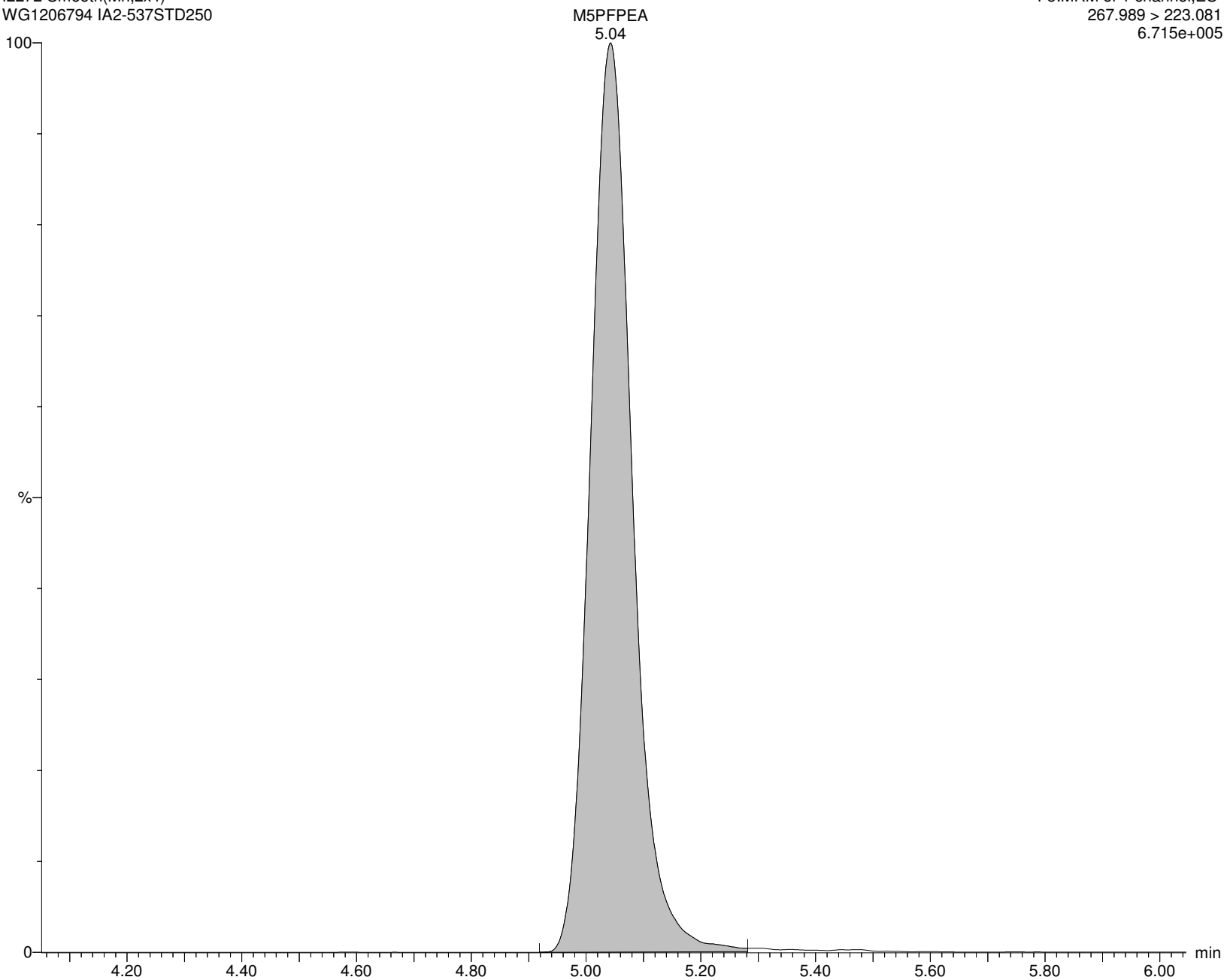
I2272 Smooth(Mn,2x4)

WG1206794 IA2-537STD250

F5:MRM of 1 channel,ES-

267.989 > 223.081

6.715e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBS

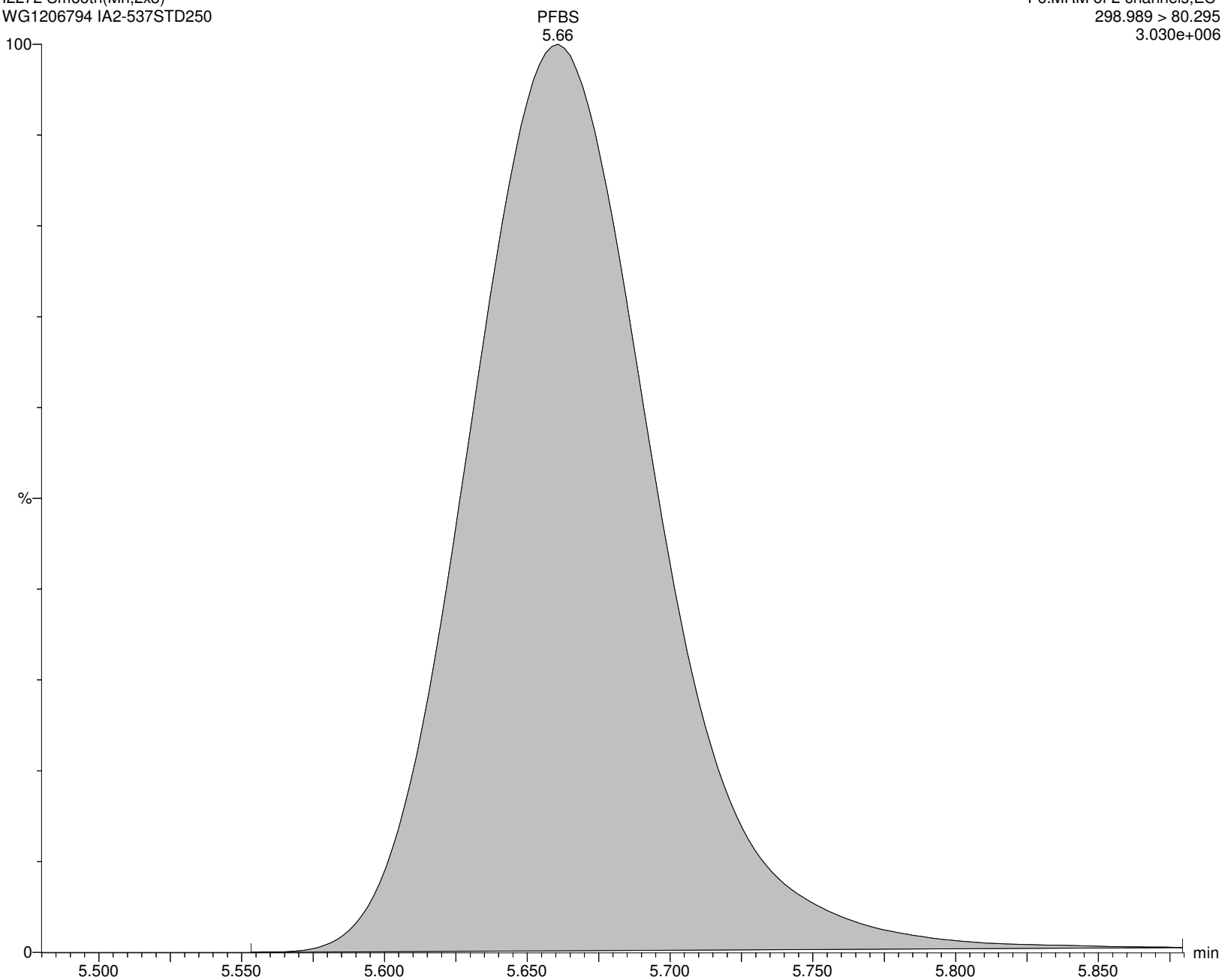
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F6:MRM of 2 channels,ES-

298.989 > 80.295

3.030e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBS

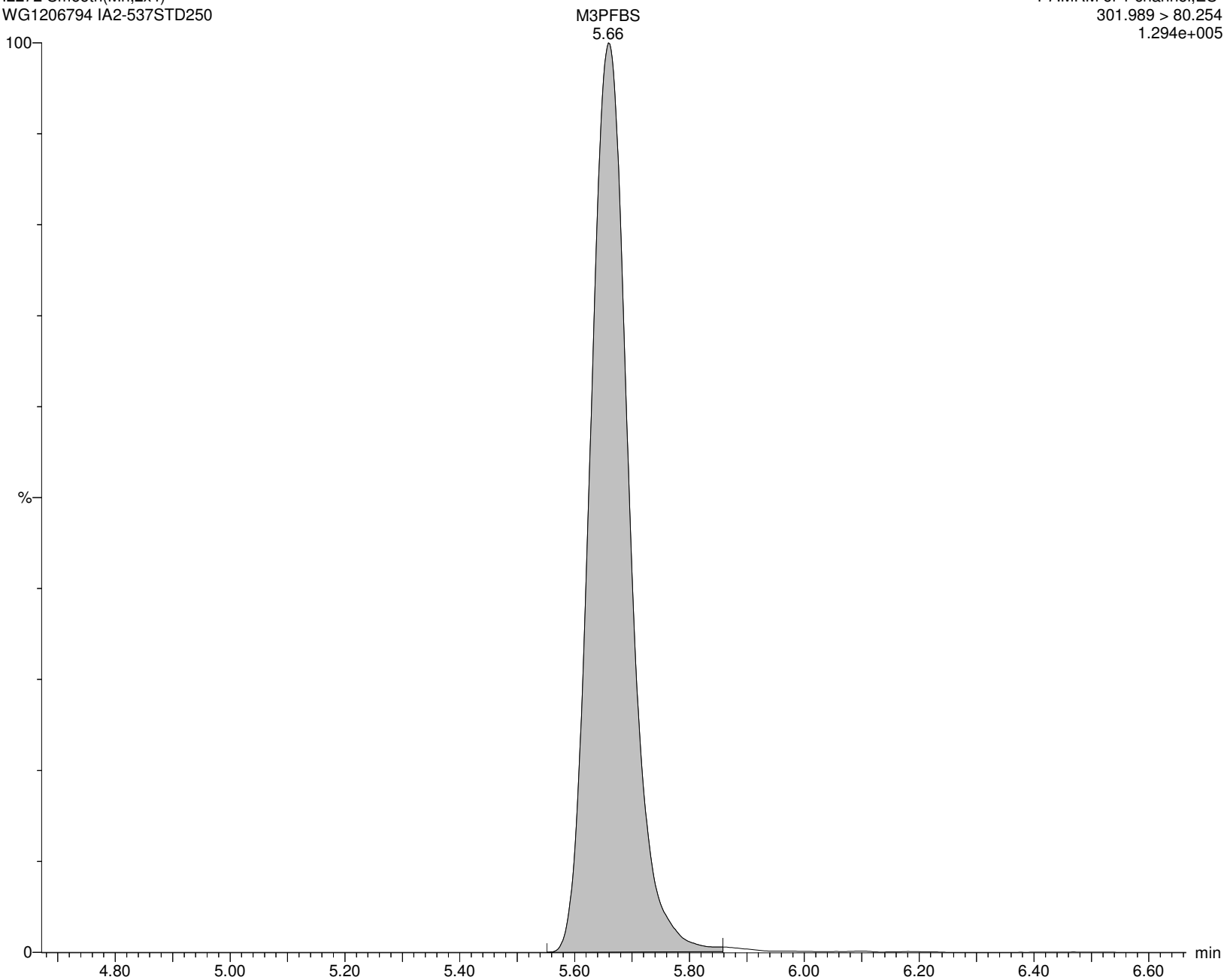
I2272 Smooth(Mn,2x4)

WG1206794 IA2-537STD250

F7:MRM of 1 channel,ES-

301.989 > 80.254

1.294e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

4:2FTS

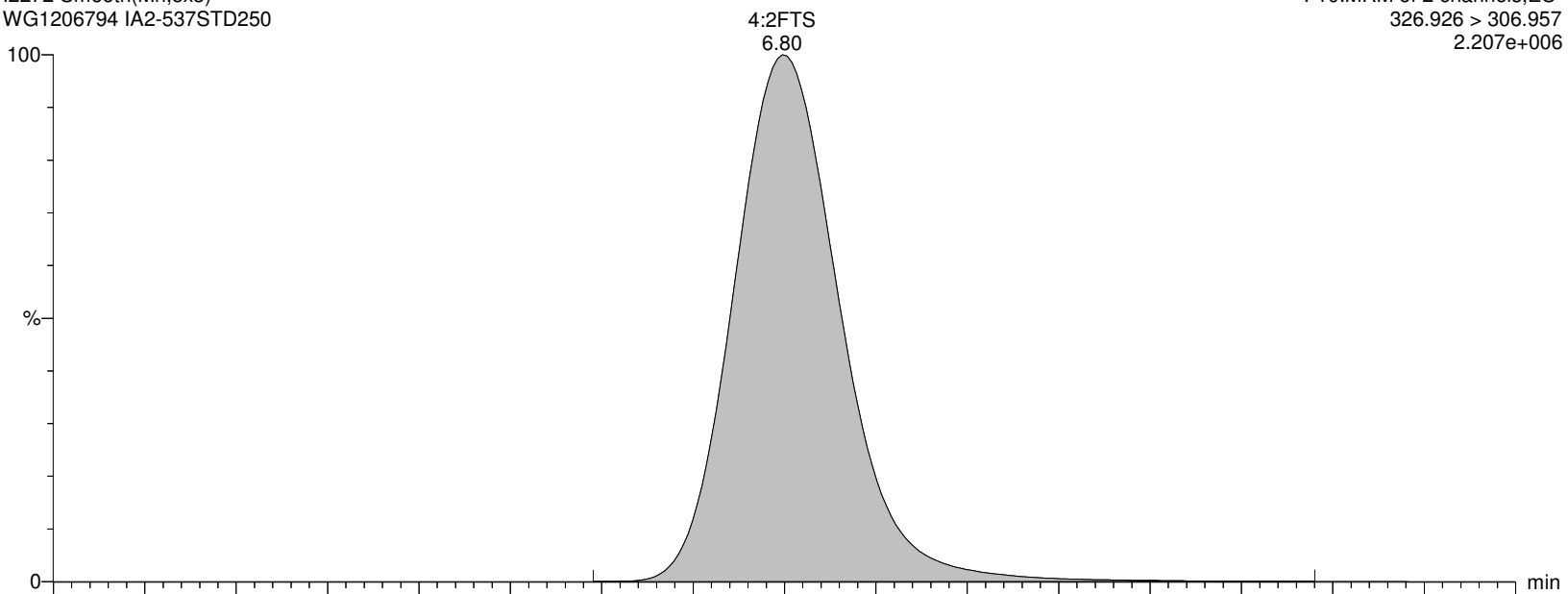
I2272 Smooth(Mn,5x3)

WG1206794 IA2-537STD250

F10:MRM of 2 channels,ES-

326.926 > 306.957

2.207e+006



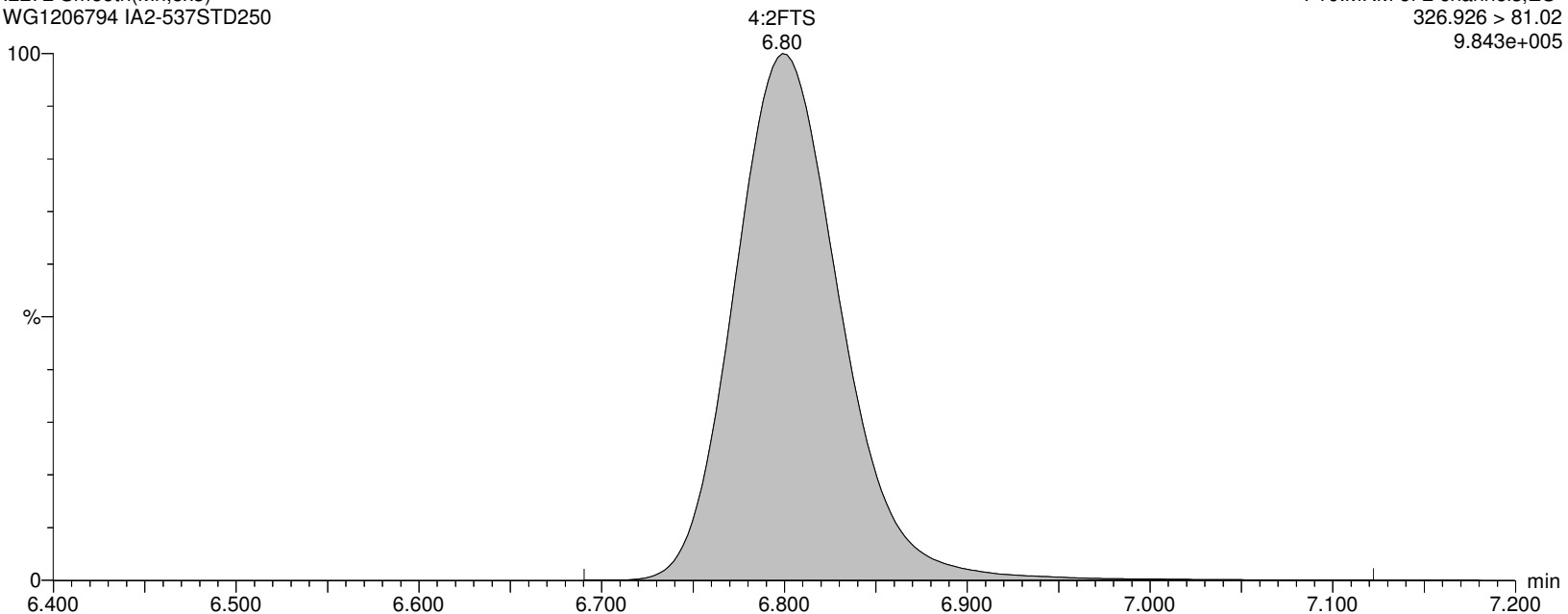
I2272 Smooth(Mn,5x3)

WG1206794 IA2-537STD250

F10:MRM of 2 channels,ES-

326.926 > 81.02

9.843e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-4:2FTS

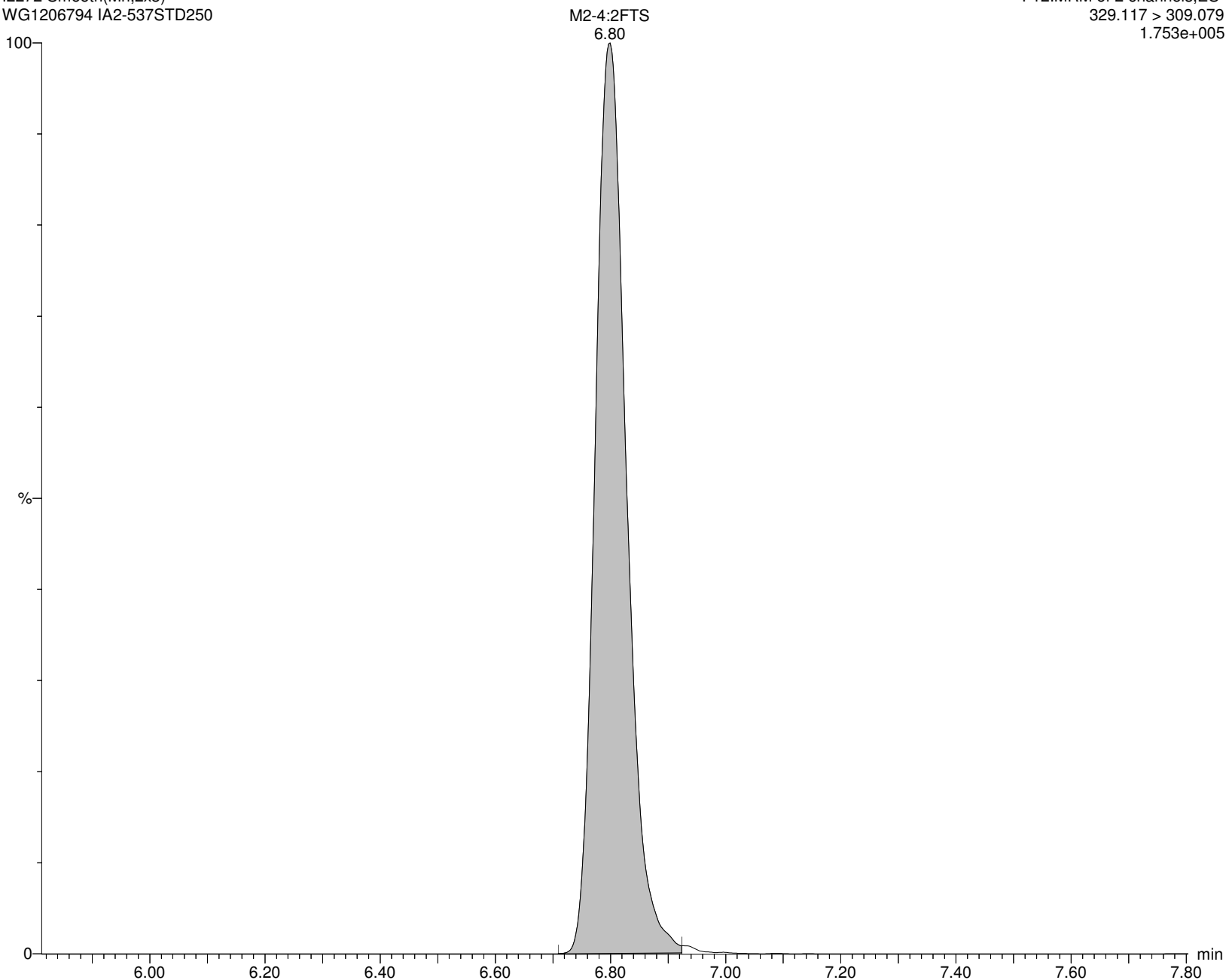
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F12:MRM of 2 channels,ES-

329.117 > 309.079

1.753e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxA

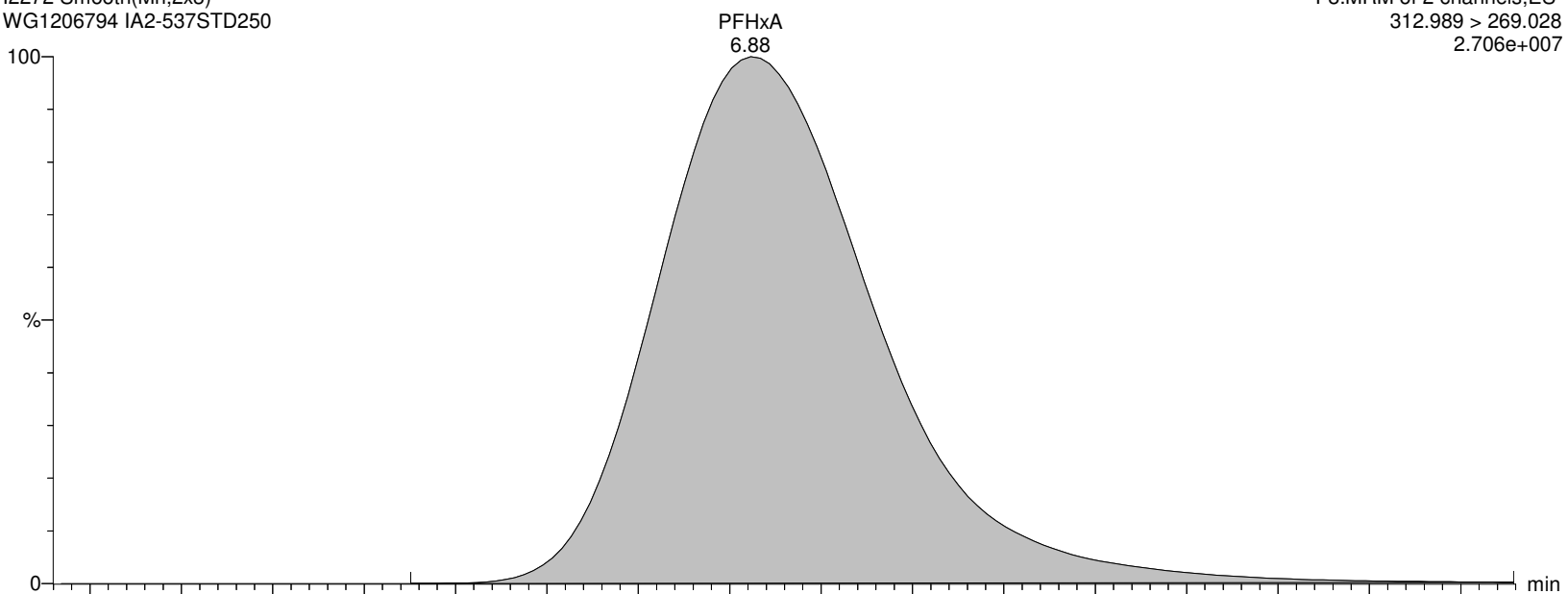
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F8:MRM of 2 channels,ES-

312.989 > 269.028

2.706e+007



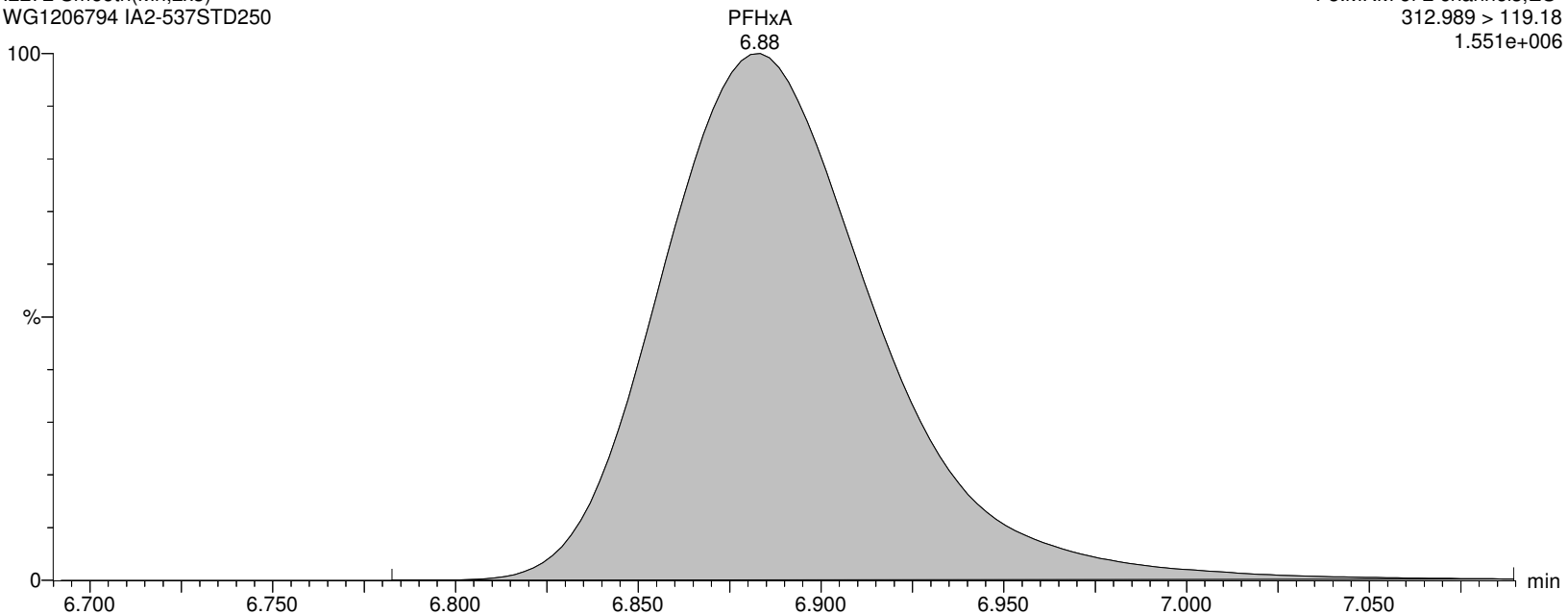
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F8:MRM of 2 channels,ES-

312.989 > 119.18

1.551e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFHxA

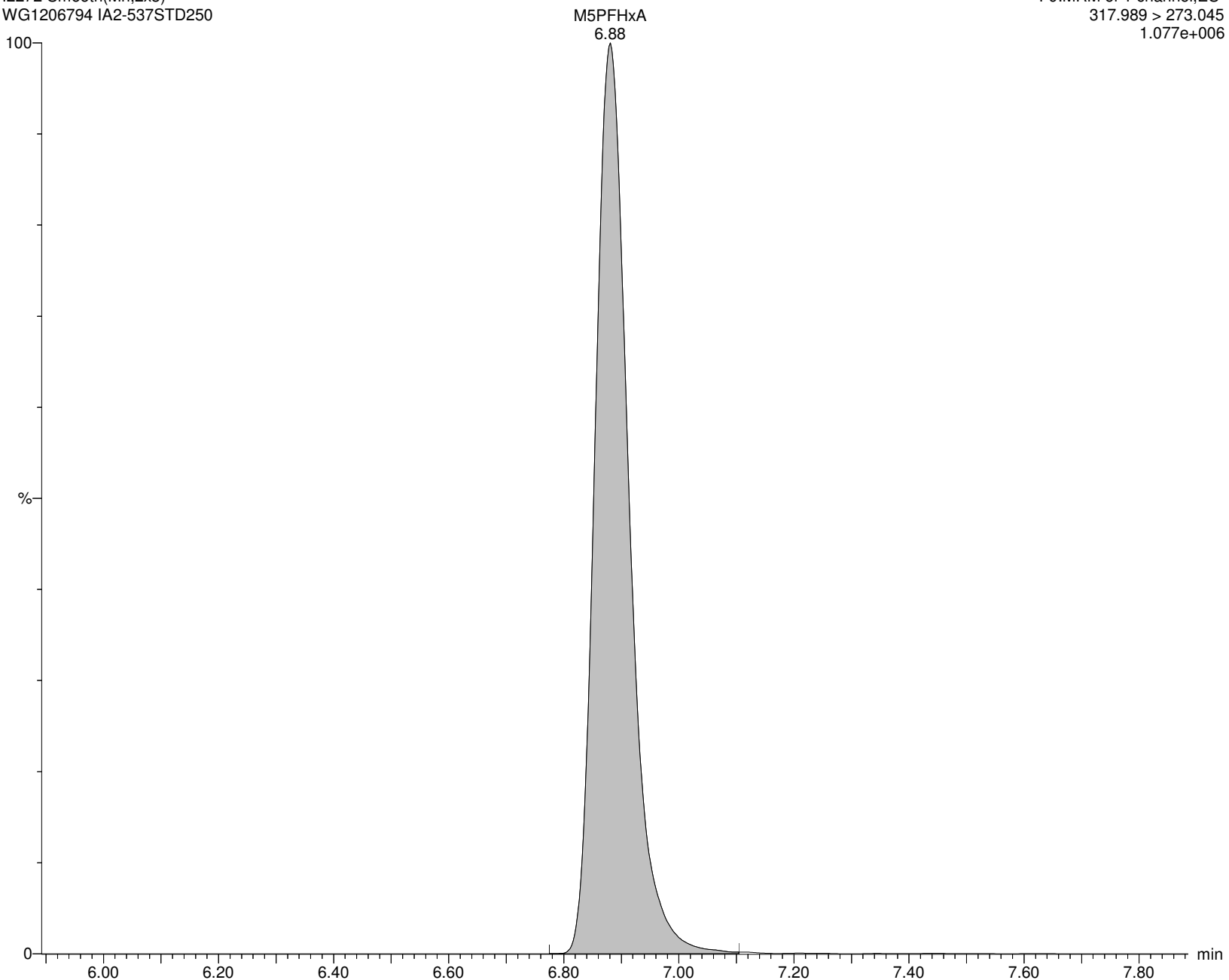
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F9:MRM of 1 channel,ES-

317.989 > 273.045

1.077e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeS

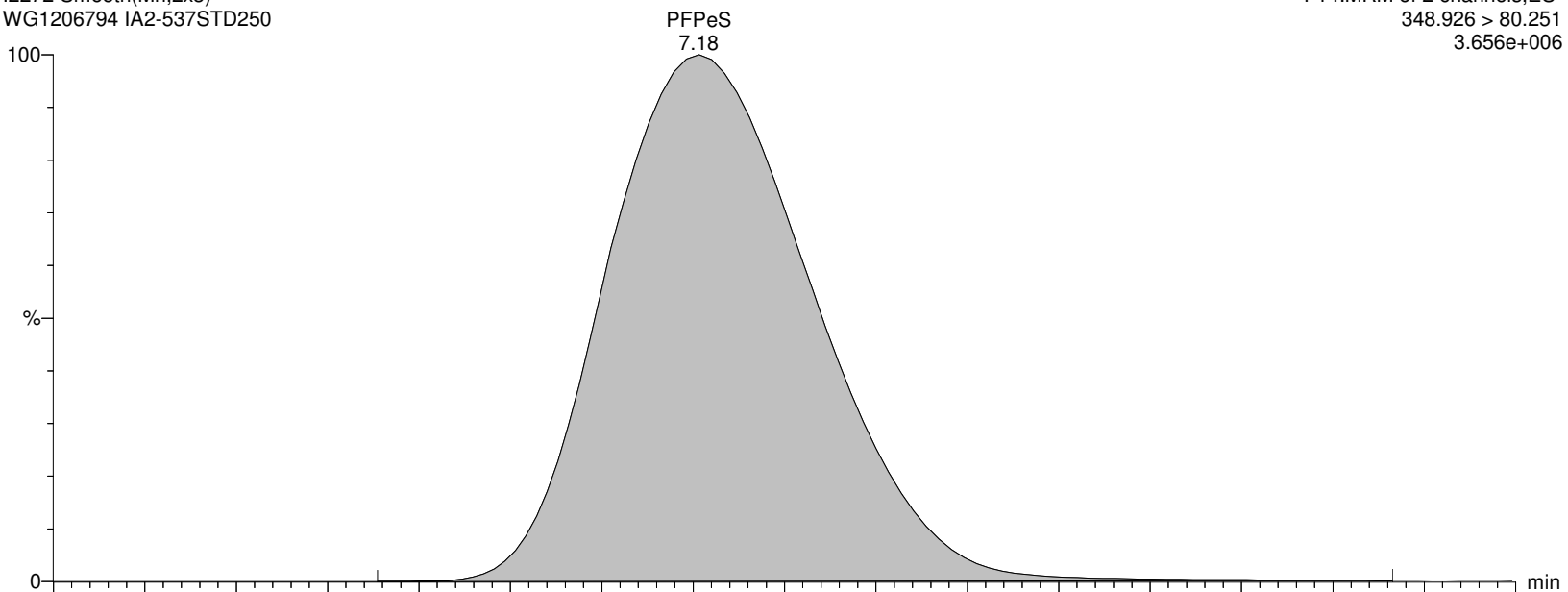
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F14:MRM of 2 channels,ES-

348.926 > 80.251

3.656e+006



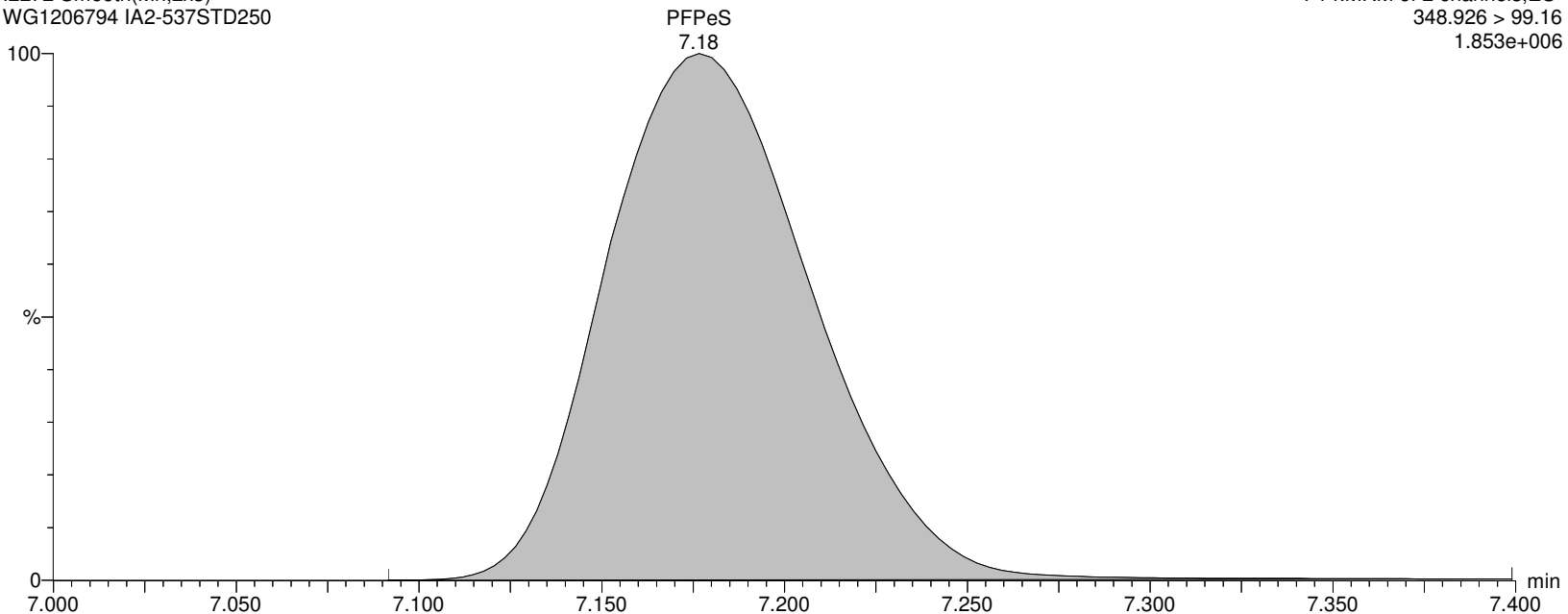
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F14:MRM of 2 channels,ES-

348.926 > 99.16

1.853e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpA

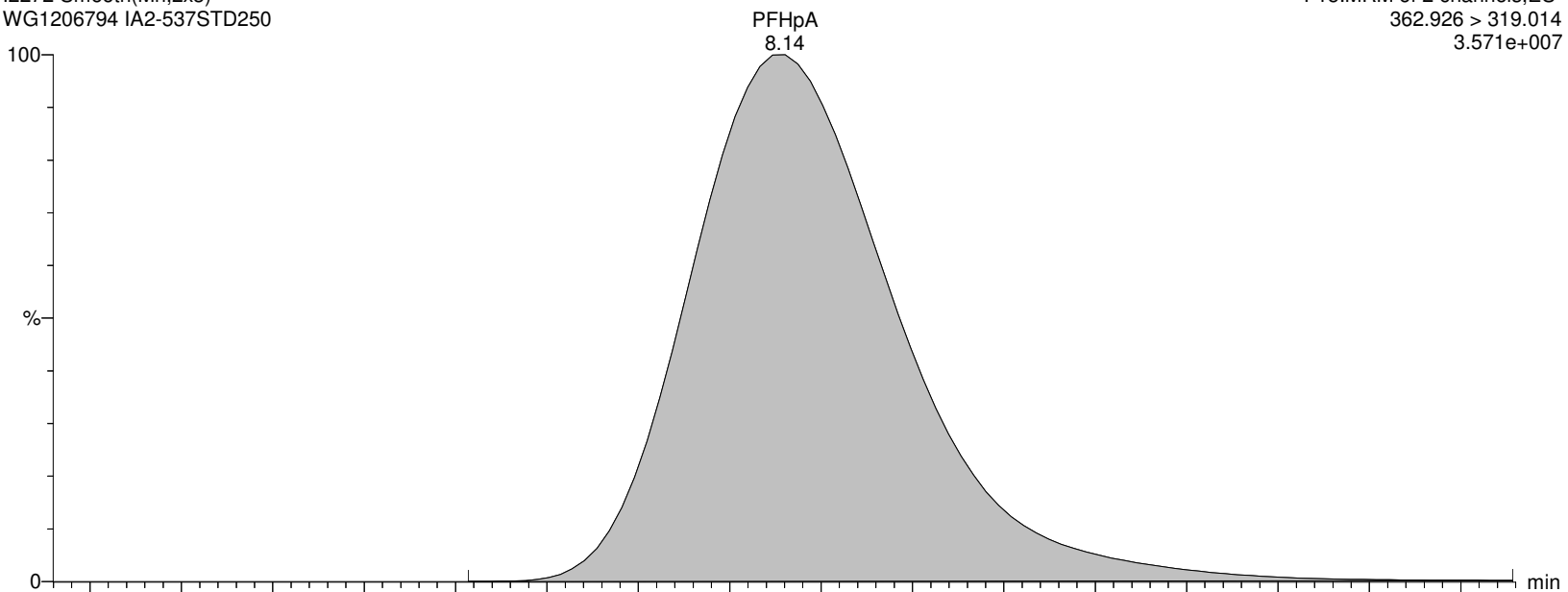
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F15:MRM of 2 channels,ES-

362.926 > 319.014

3.571e+007



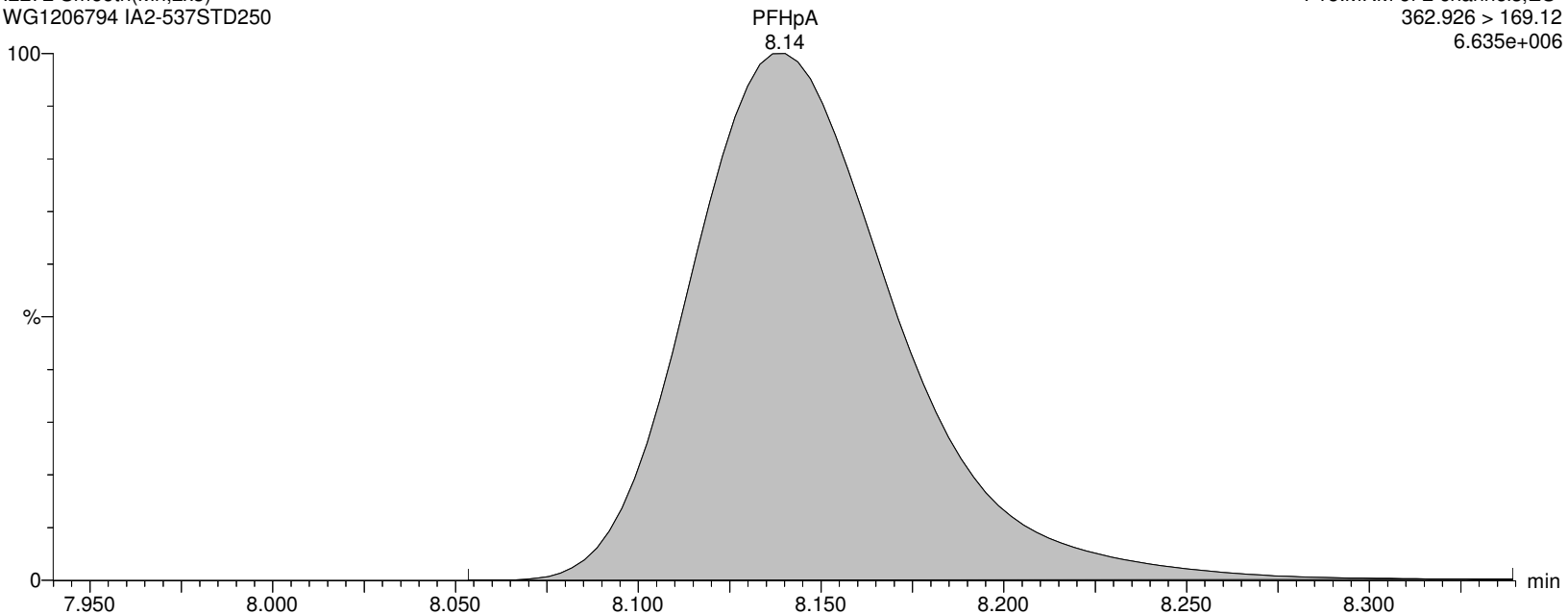
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F15:MRM of 2 channels,ES-

362.926 > 169.12

6.635e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFHpA

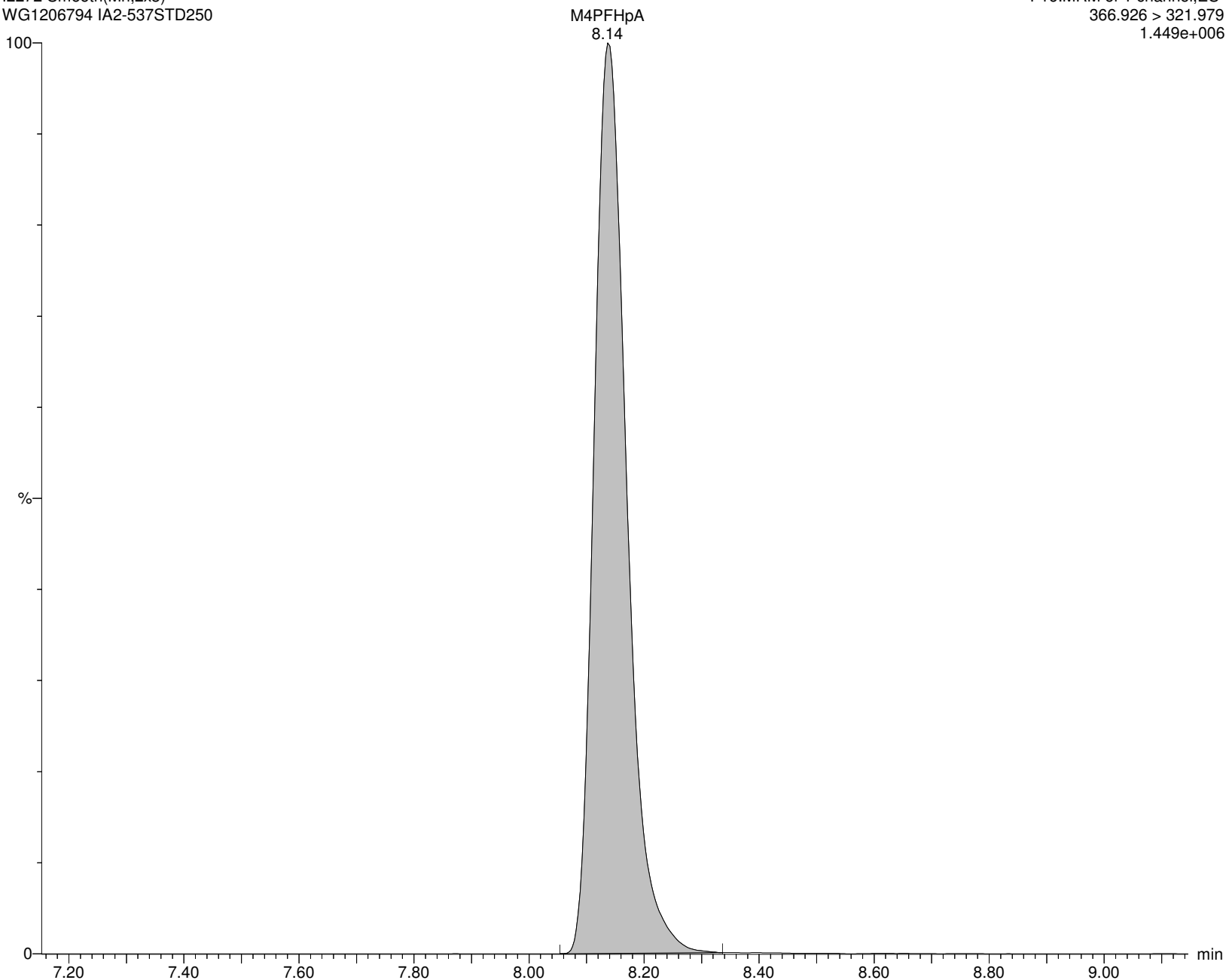
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F16:MRM of 1 channel,ES-

366.926 > 321.979

1.449e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFHxS

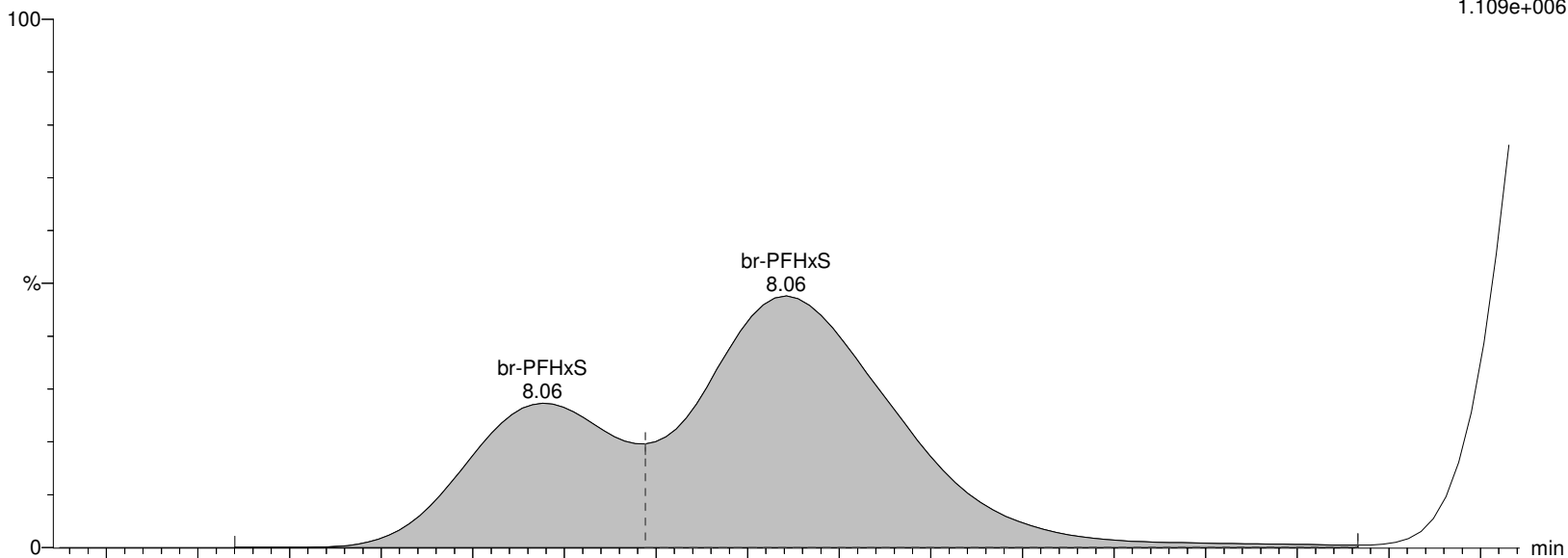
I2272 Smooth(Mn,3x2)

WG1206794 IA2-537STD250

F18:MRM of 2 channels,ES-

398.926 > 80.295

1.109e+006



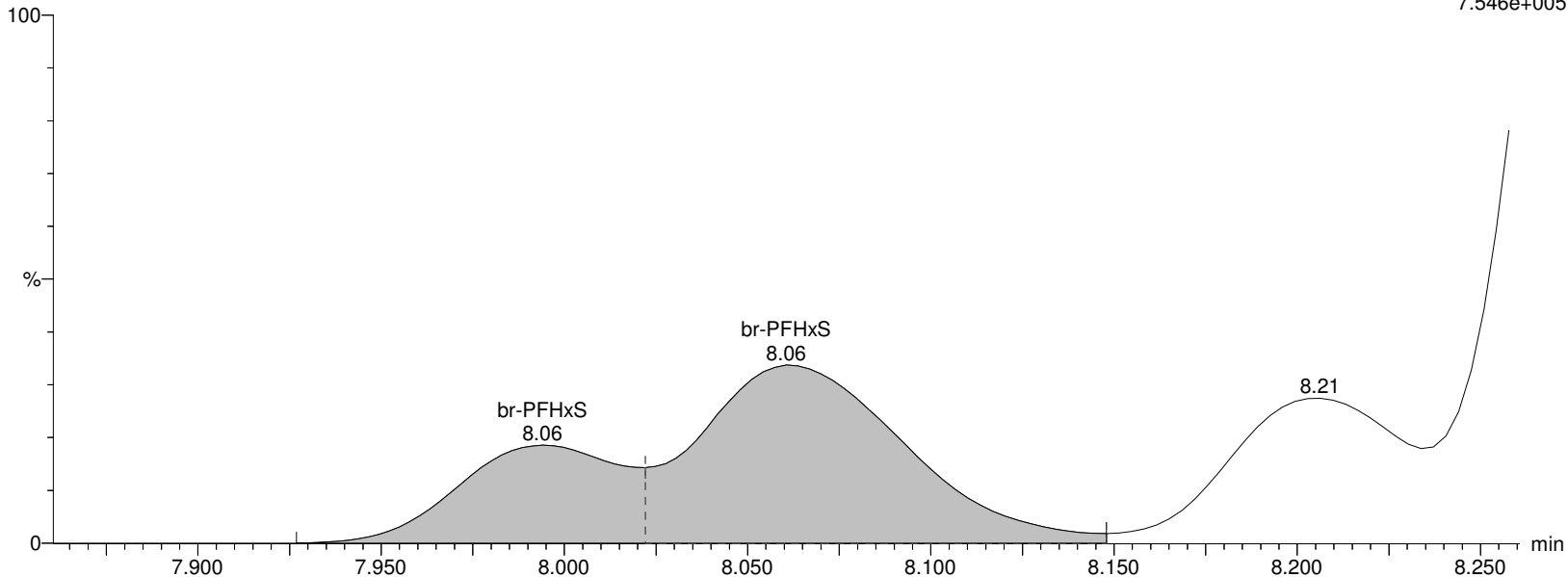
I2272 Smooth(Mn,3x2)

WG1206794 IA2-537STD250

F18:MRM of 2 channels,ES-

398.926 > 99.2

7.546e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFHxS

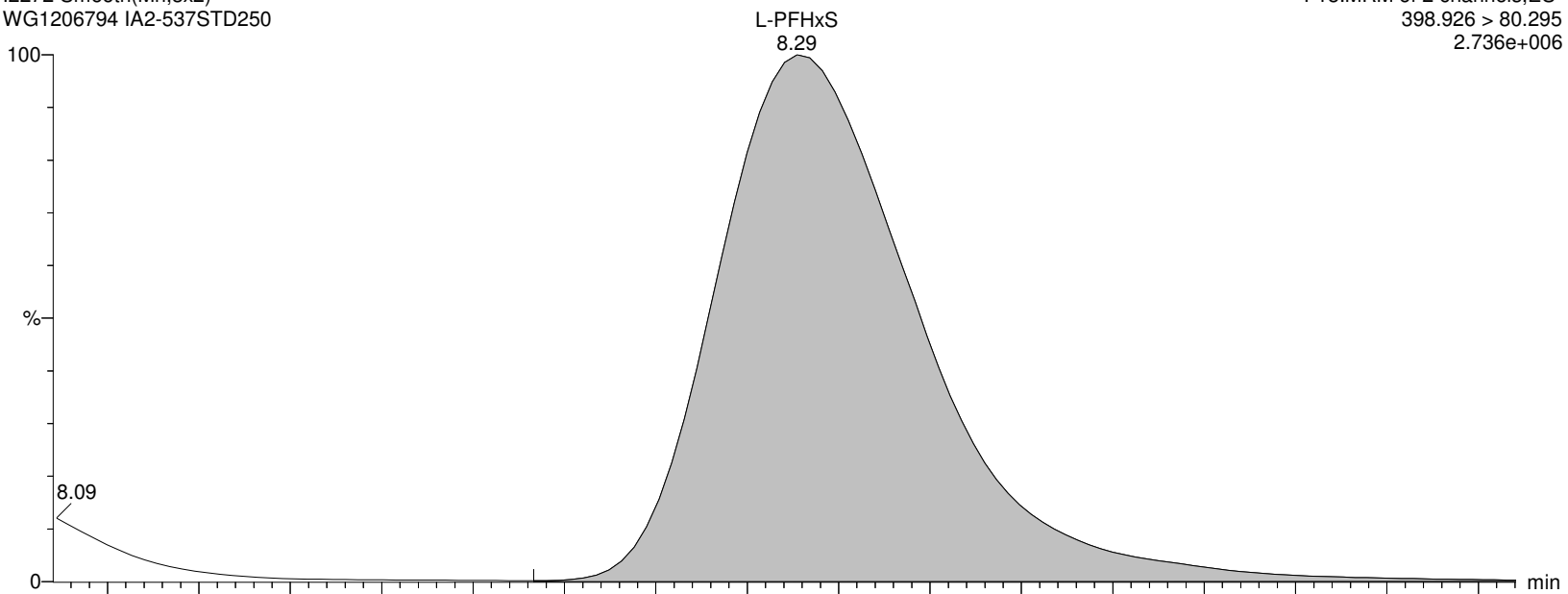
I2272 Smooth(Mn,3x2)

WG1206794 IA2-537STD250

F18:MRM of 2 channels,ES-

398.926 > 80.295

2.736e+006



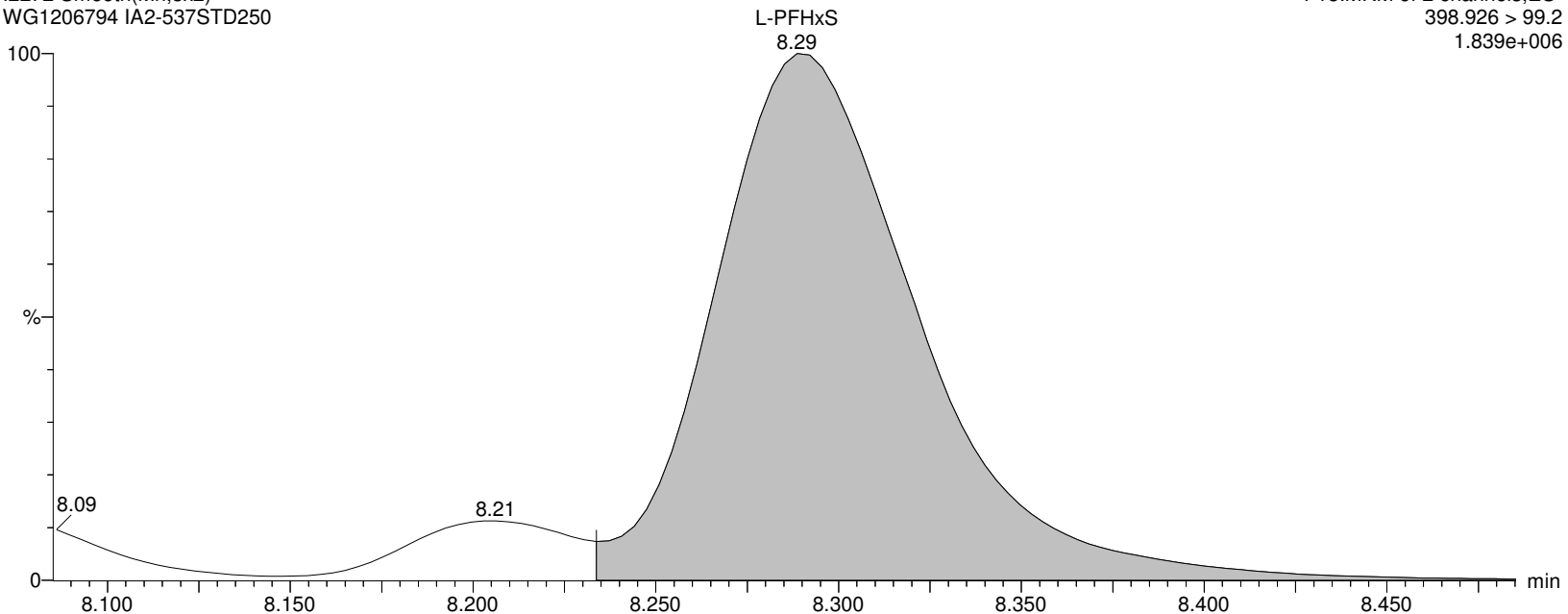
I2272 Smooth(Mn,3x2)

WG1206794 IA2-537STD250

F18:MRM of 2 channels,ES-

398.926 > 99.2

1.839e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxS

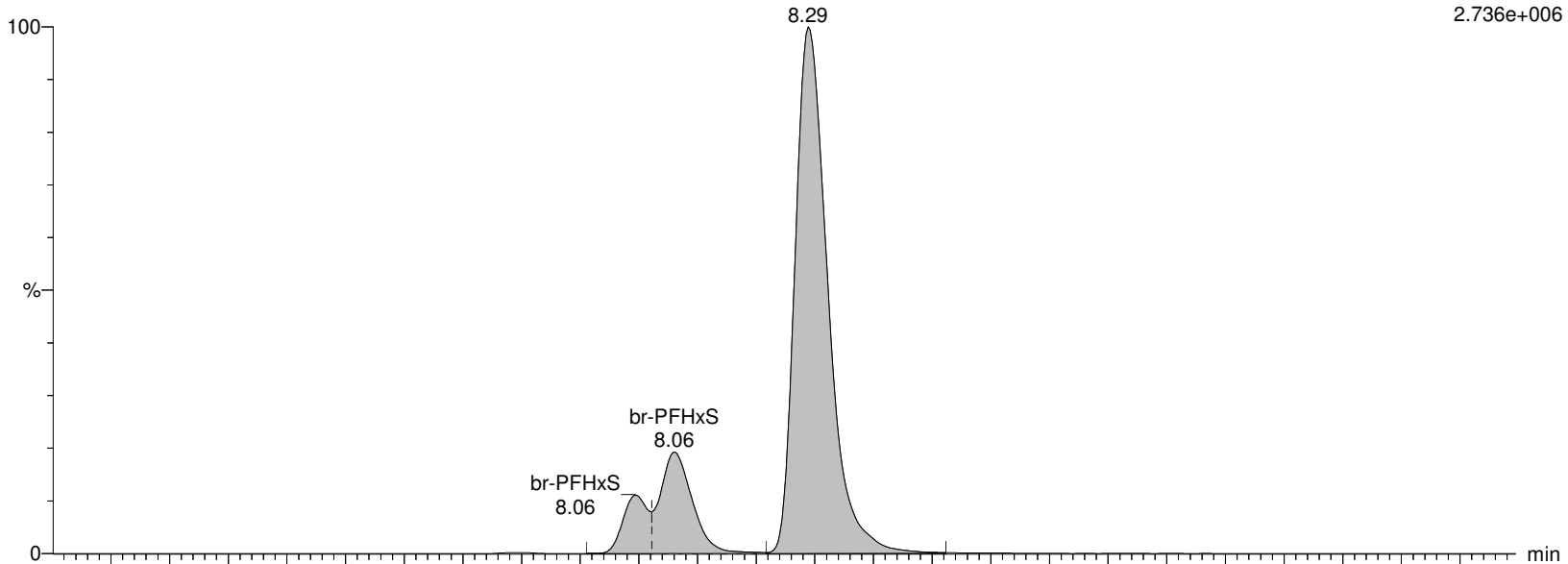
I2272 Smooth(Mn,3x2)

WG1206794 IA2-537STD250

F18:MRM of 2 channels,ES-

398.926 > 80.295

2.736e+006



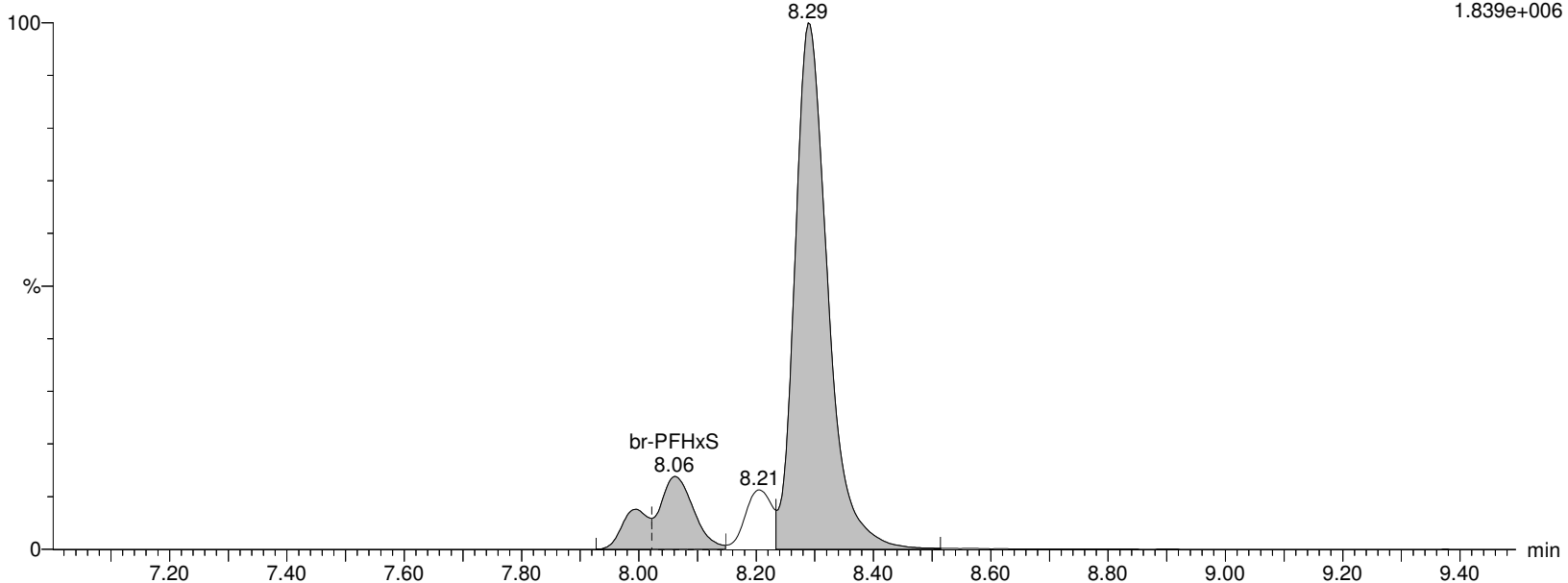
I2272 Smooth(Mn,3x2)

WG1206794 IA2-537STD250

F18:MRM of 2 channels,ES-

398.926 > 99.2

1.839e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFHxS

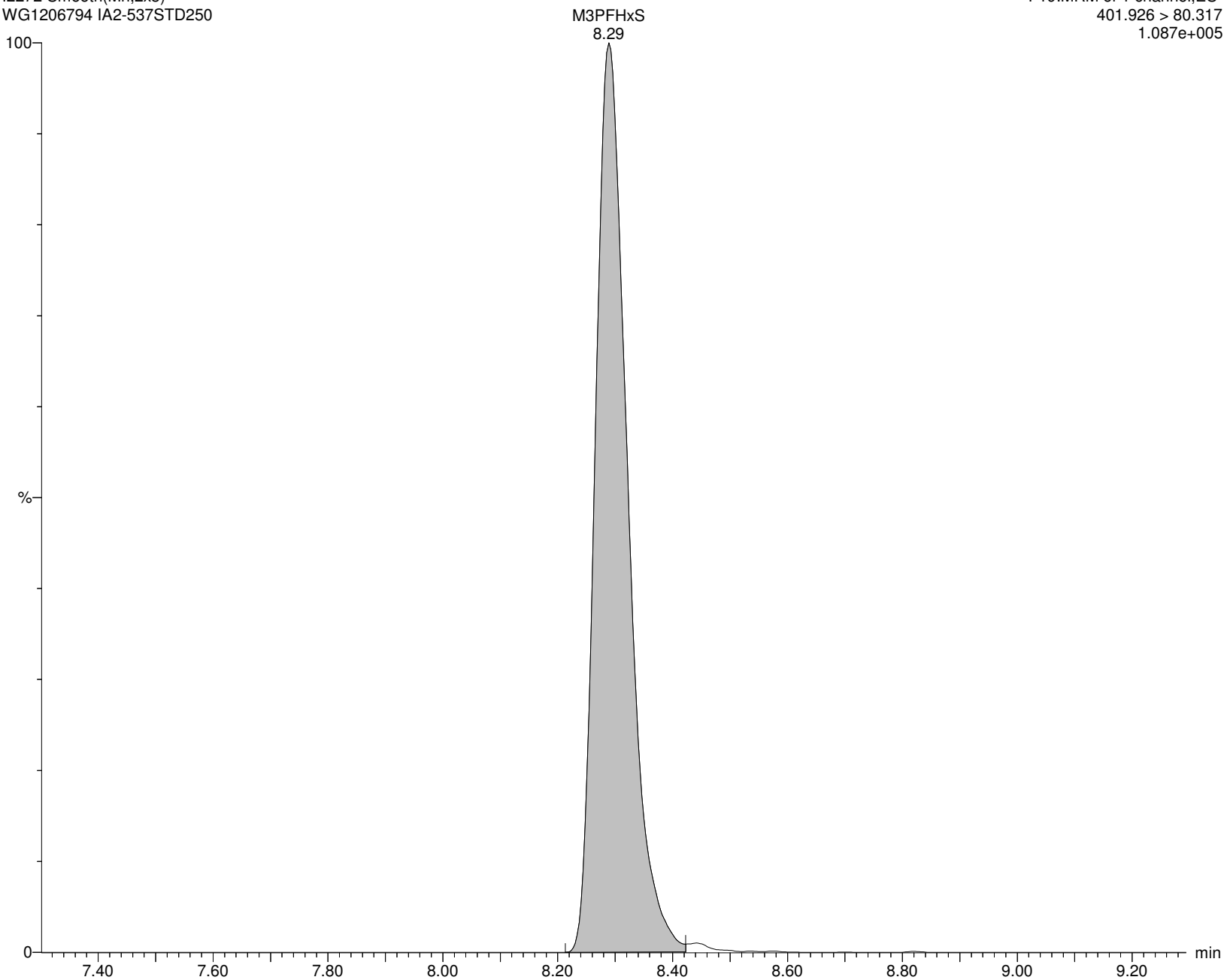
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F19:MRM of 1 channel,ES-

401.926 > 80.317

1.087e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOA

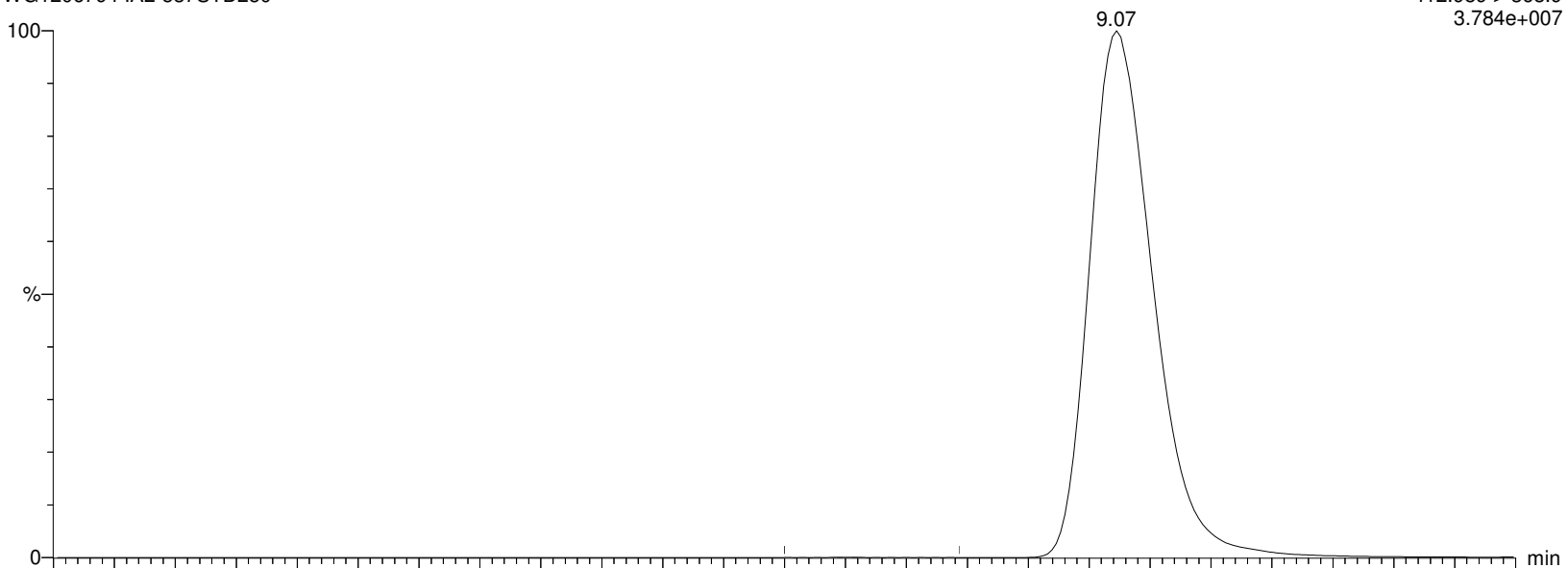
I2272 Smooth(Mn,2x2)

WG1206794 IA2-537STD250

F20:MRM of 2 channels,ES-

412.989 > 368.9

3.784e+007



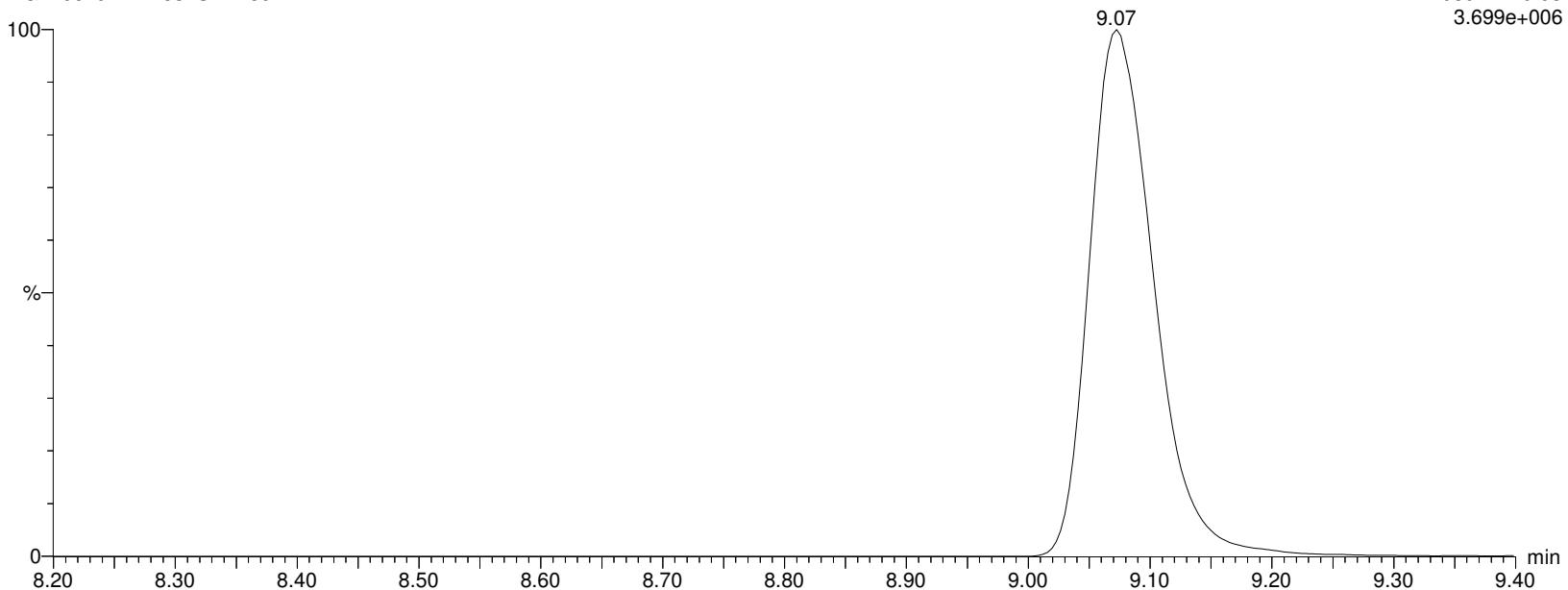
I2272 Smooth(Mn,2x2)

WG1206794 IA2-537STD250

F20:MRM of 2 channels,ES-

412.989 > 219.08

3.699e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOA

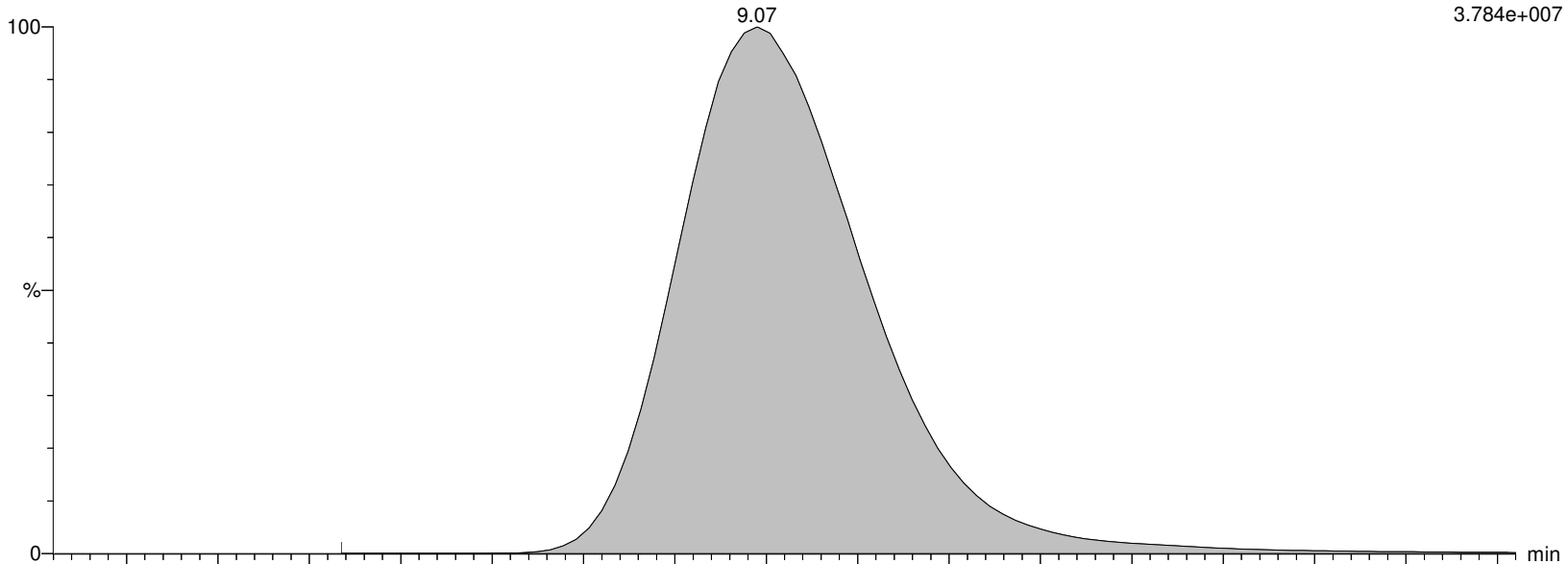
I2272 Smooth(Mn,2x2)

WG1206794 IA2-537STD250

F20:MRM of 2 channels,ES-

412.989 > 368.9

3.784e+007



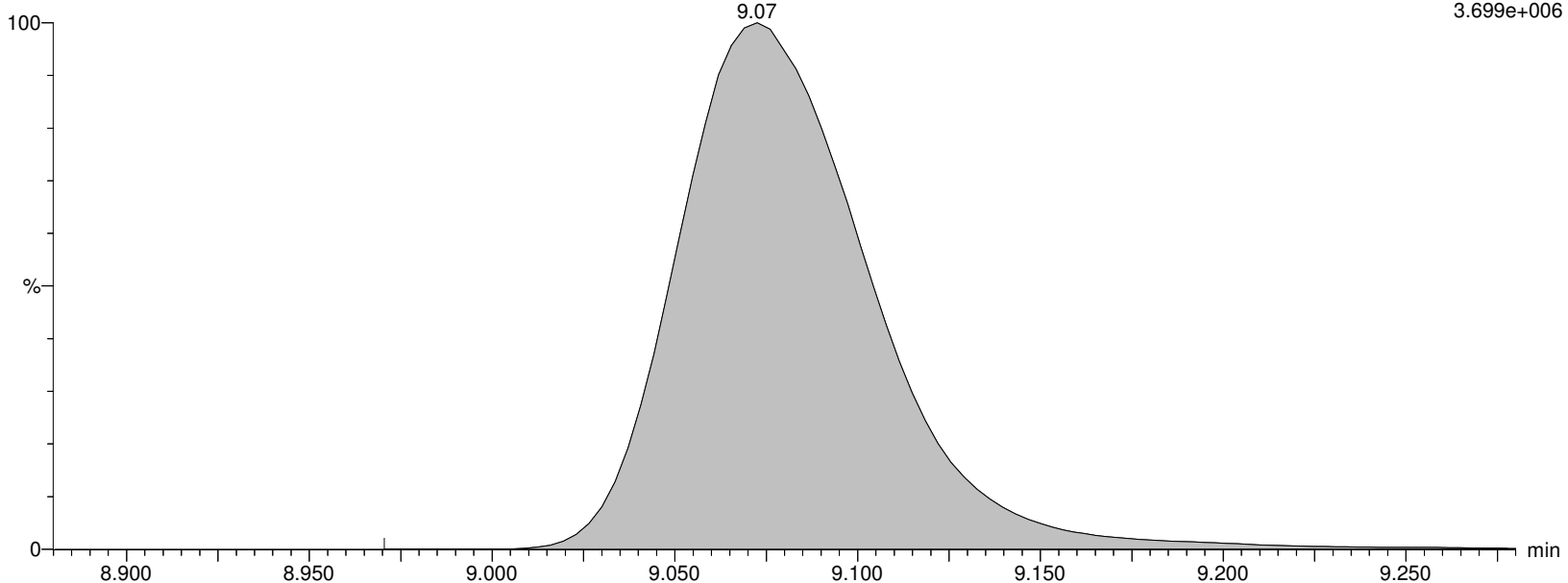
I2272 Smooth(Mn,2x2)

WG1206794 IA2-537STD250

F20:MRM of 2 channels,ES-

412.989 > 219.08

3.699e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFOA

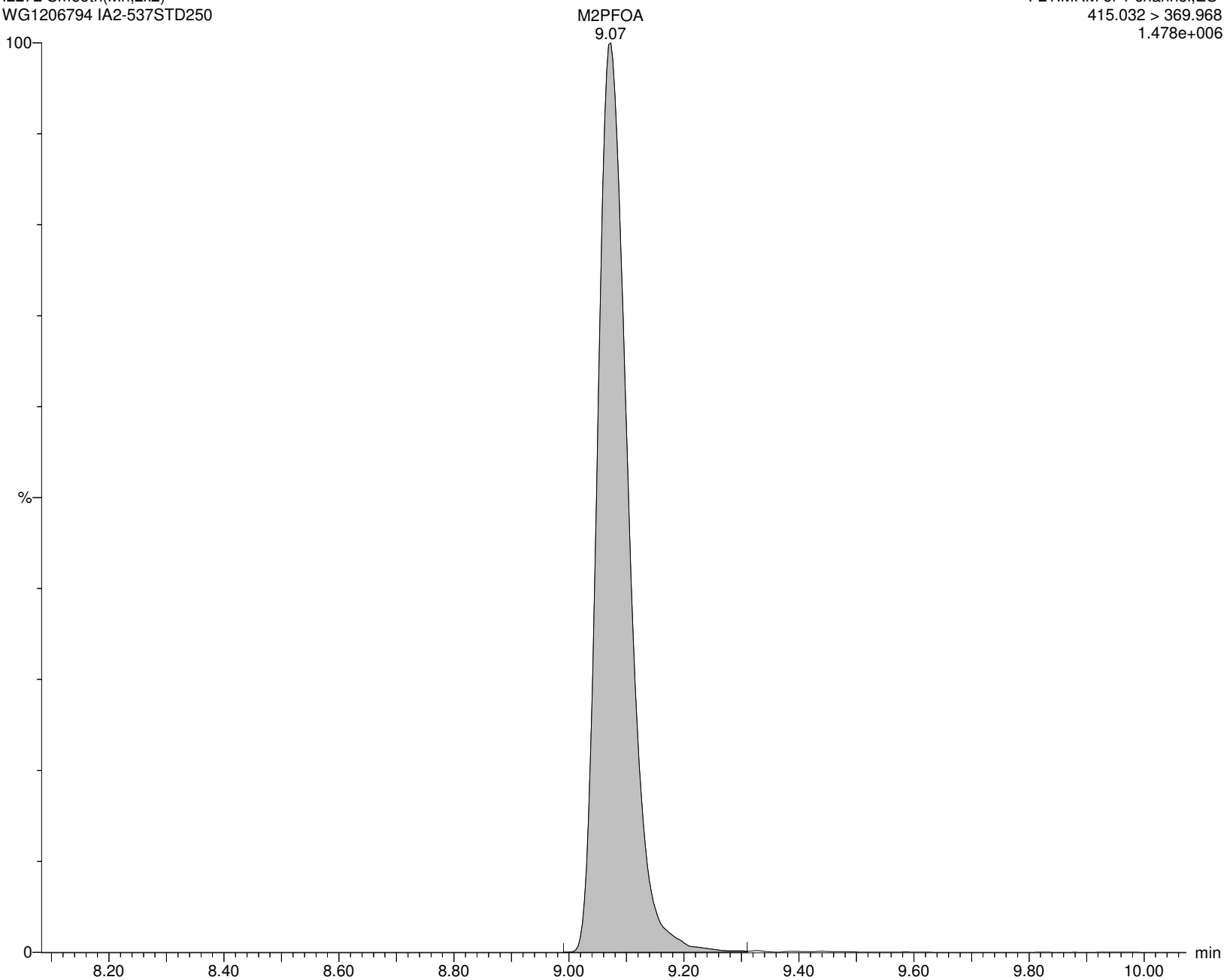
I2272 Smooth(Mn,2x2)

WG1206794 IA2-537STD250

F21:MRM of 1 channel,ES-

415.032 > 369.968

1.478e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOA

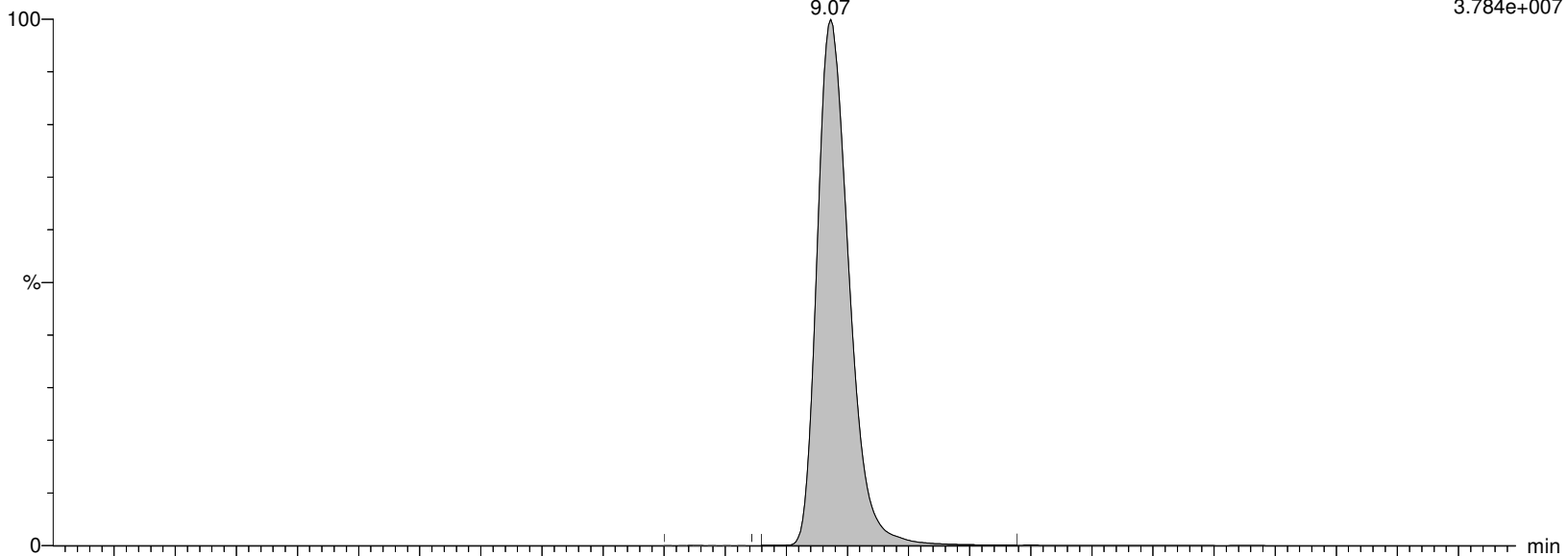
I2272 Smooth(Mn,2x2)

WG1206794 IA2-537STD250

F20:MRM of 2 channels,ES-

412.989 > 368.9

3.784e+007



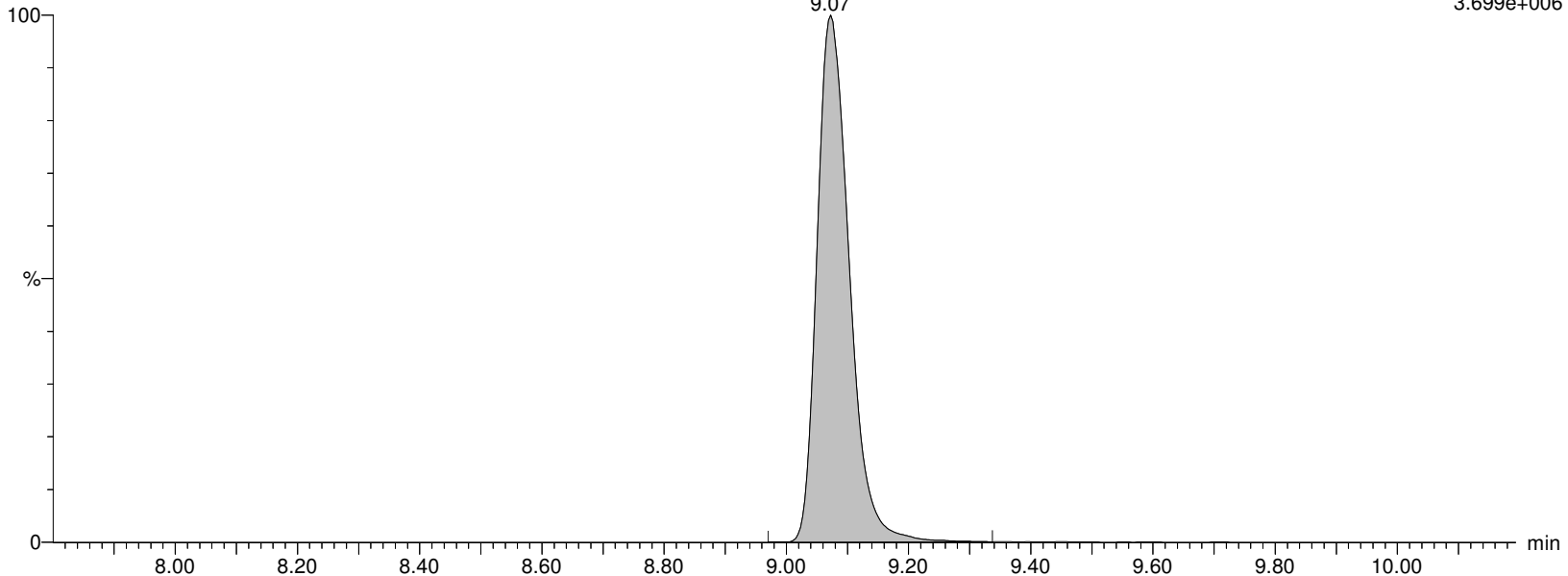
I2272 Smooth(Mn,2x2)

WG1206794 IA2-537STD250

F20:MRM of 2 channels,ES-

412.989 > 219.08

3.699e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOA

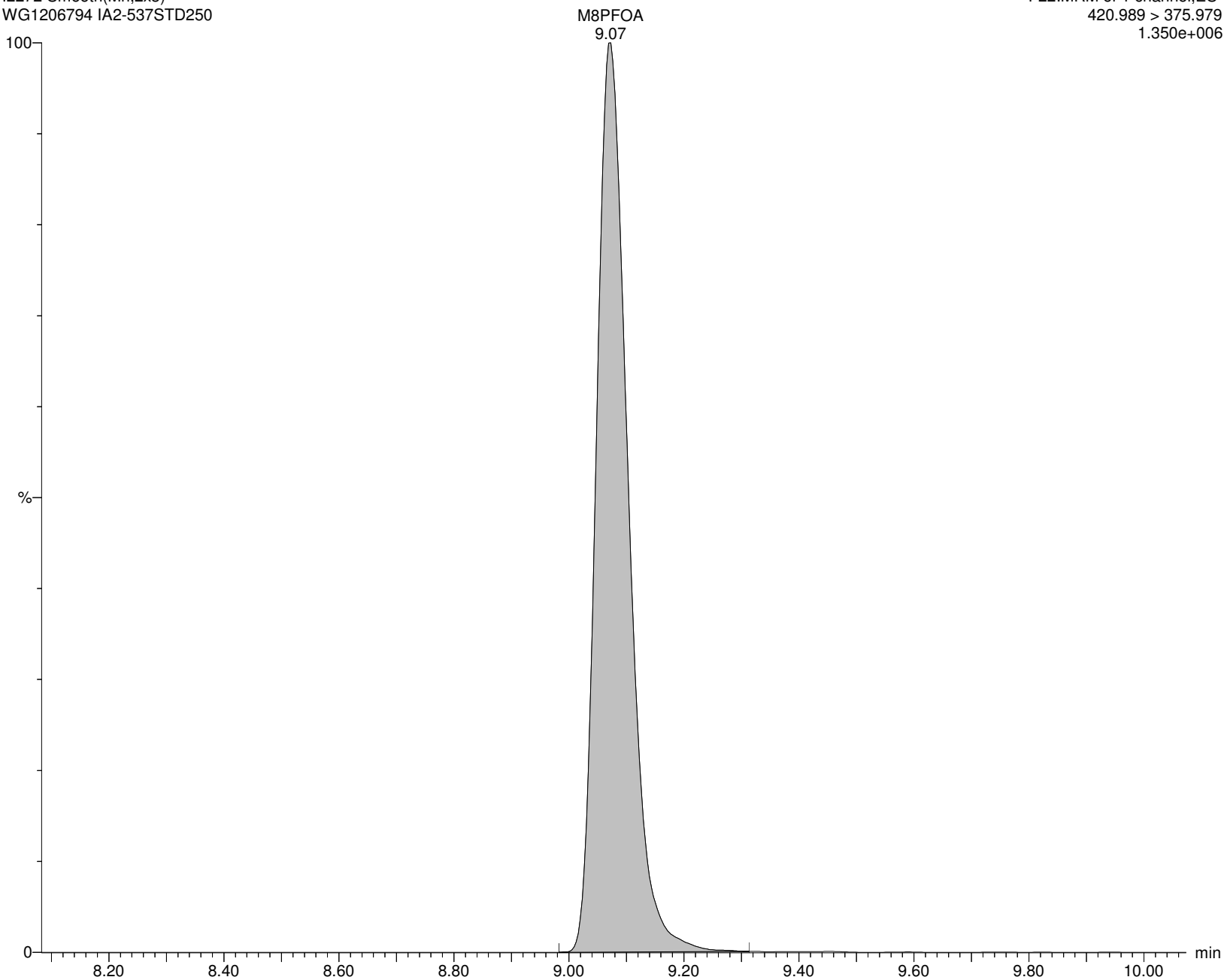
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F22:MRM of 1 channel,ES-

420.989 > 375.979

1.350e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

6:2FTS

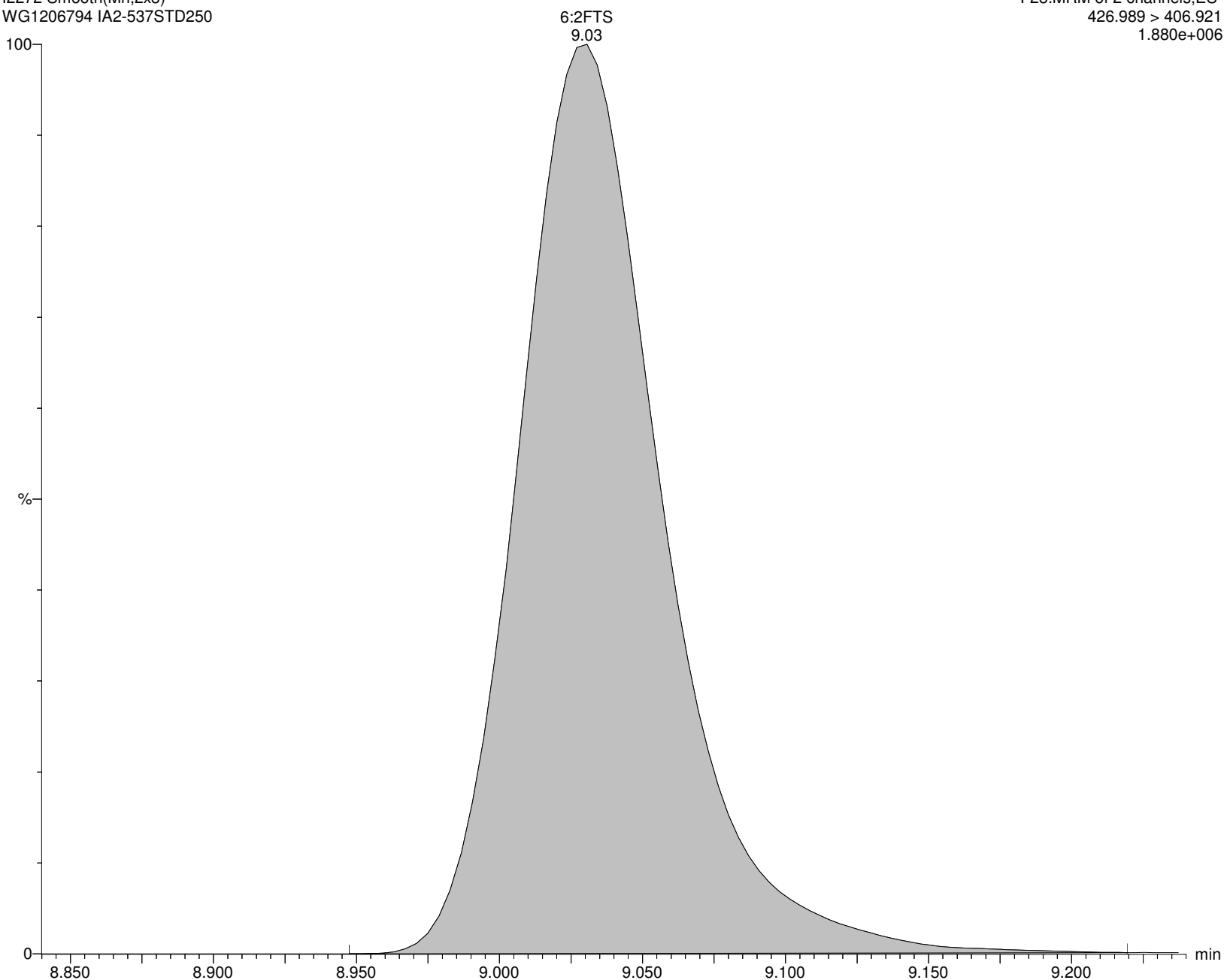
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F23:MRM of 2 channels,ES-

426.989 > 406.921

1.880e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-6:2FTS

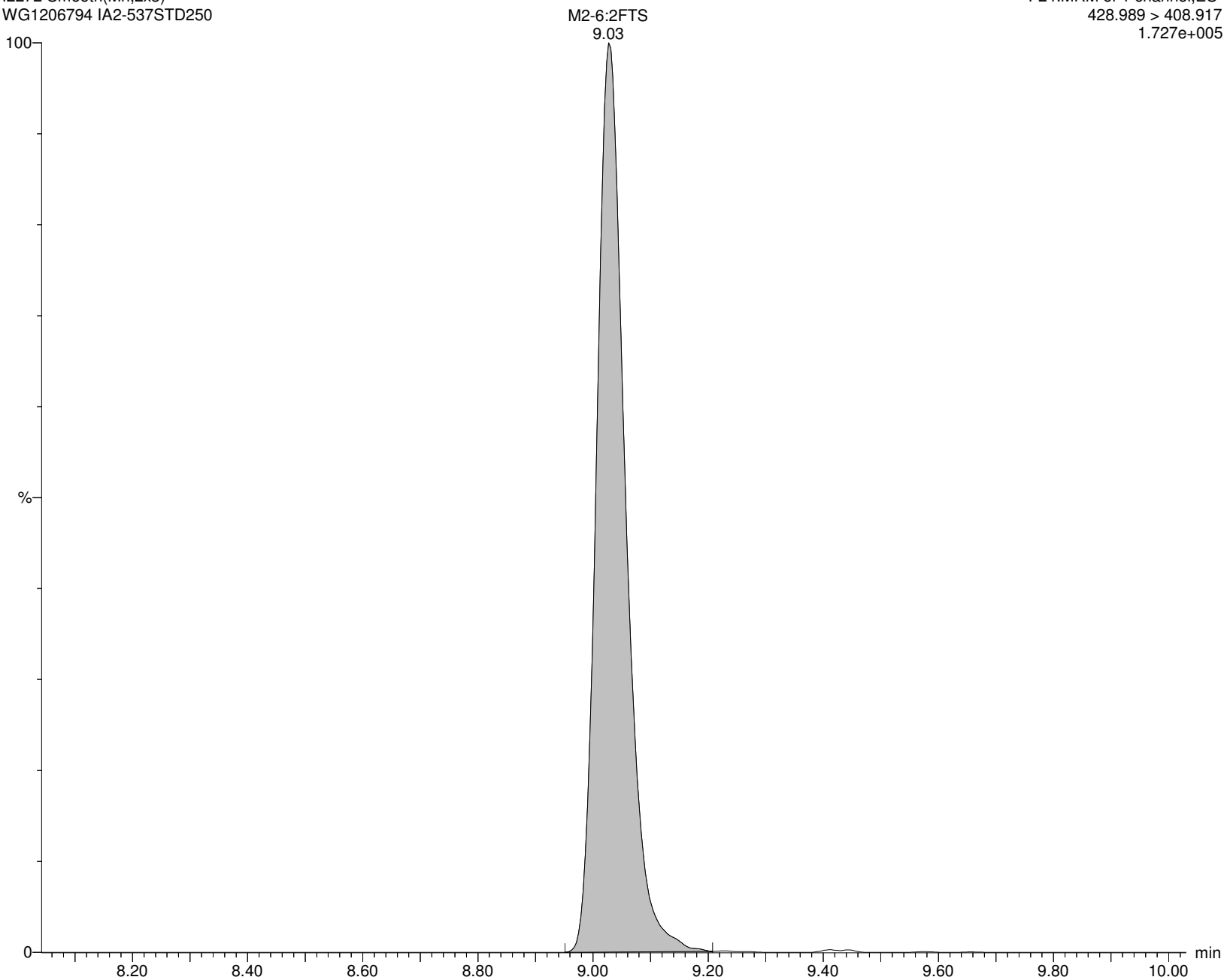
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F24:MRM of 1 channel,ES-

428.989 > 408.917

1.727e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpS

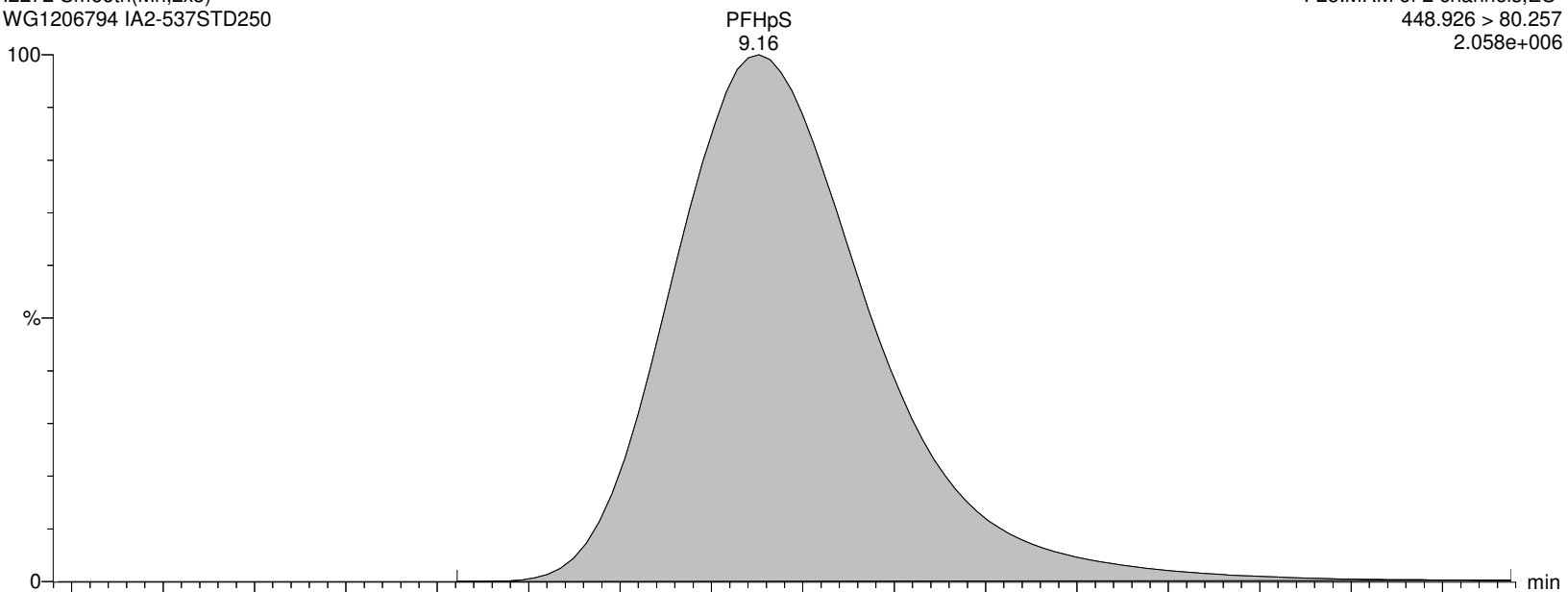
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F25:MRM of 2 channels,ES-

448.926 > 80.257

2.058e+006



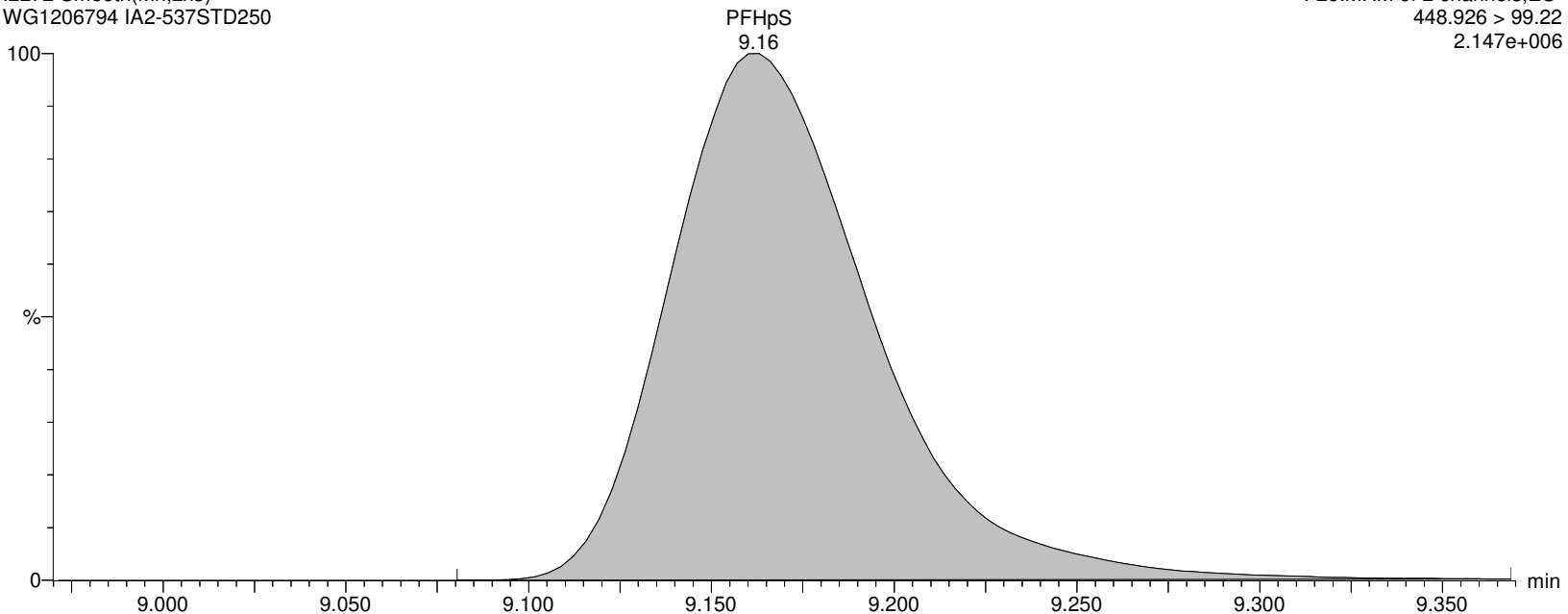
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F25:MRM of 2 channels,ES-

448.926 > 99.22

2.147e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNA

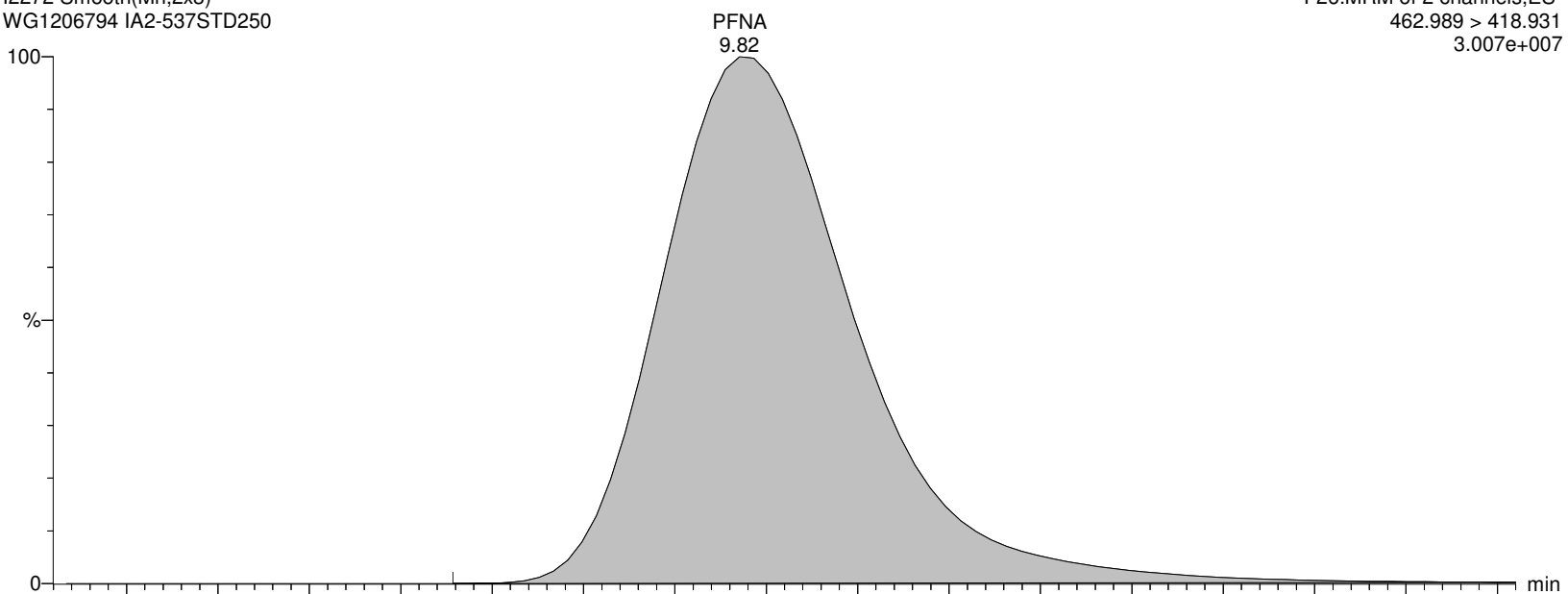
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F26:MRM of 2 channels,ES-

462.989 > 418.931

3.007e+007



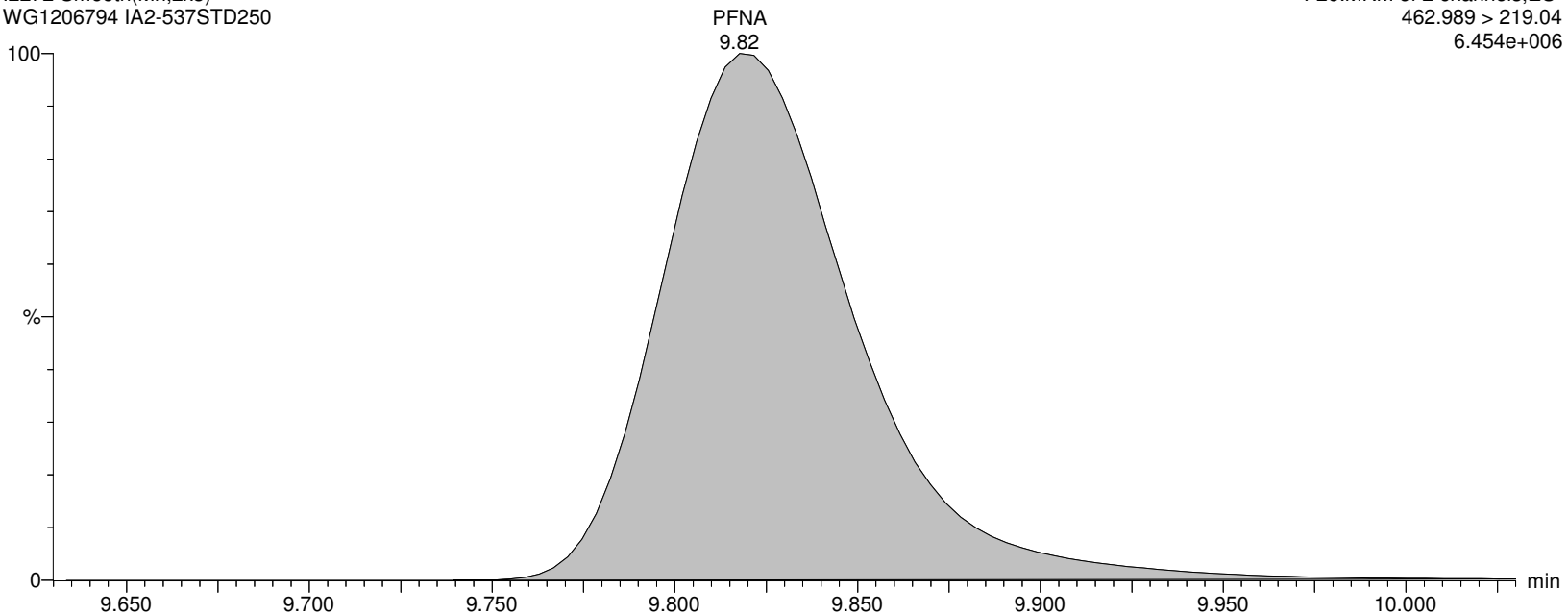
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F26:MRM of 2 channels,ES-

462.989 > 219.04

6.454e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M9PFNA

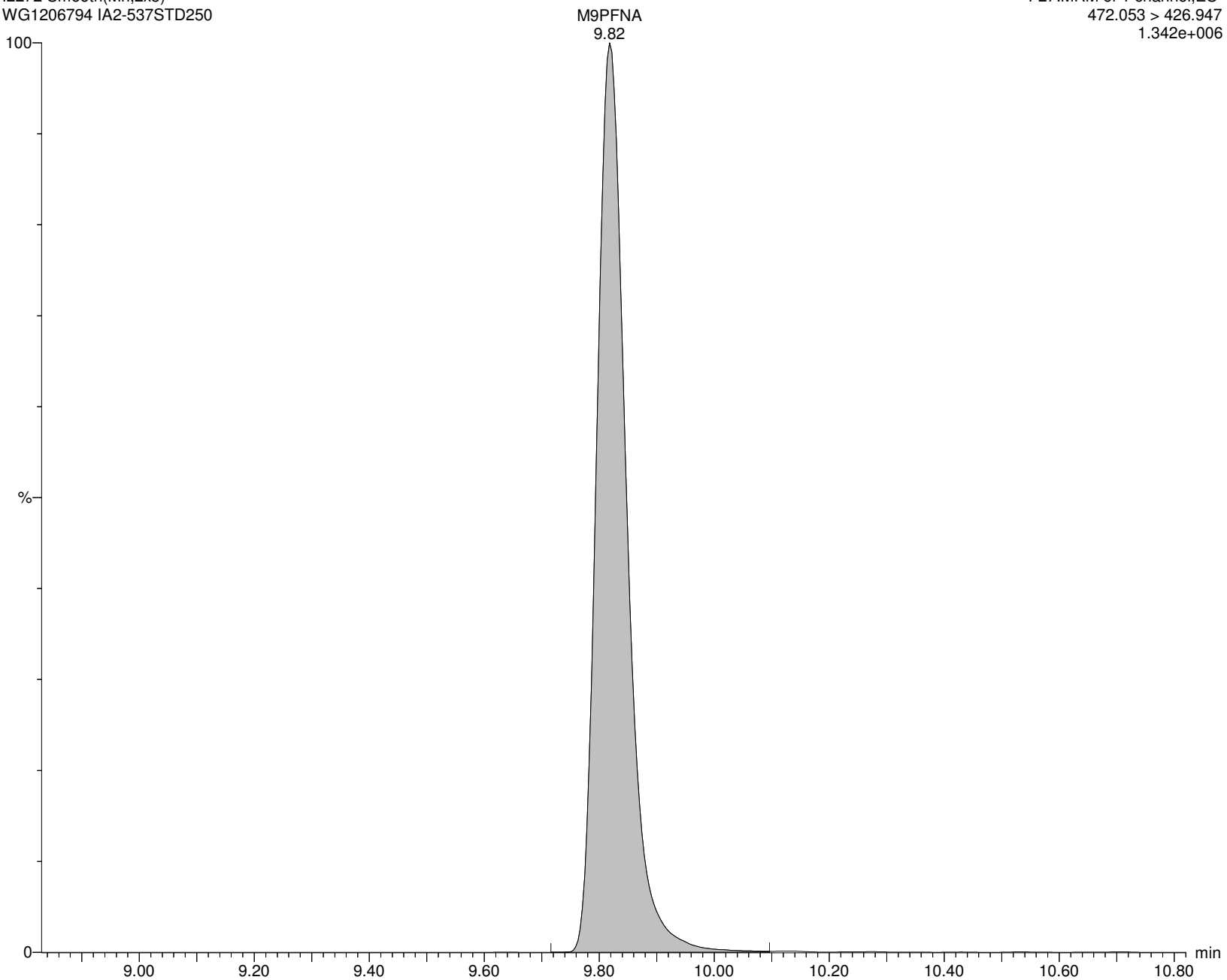
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F27:MRM of 1 channel,ES-

472.053 > 426.947

1.342e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

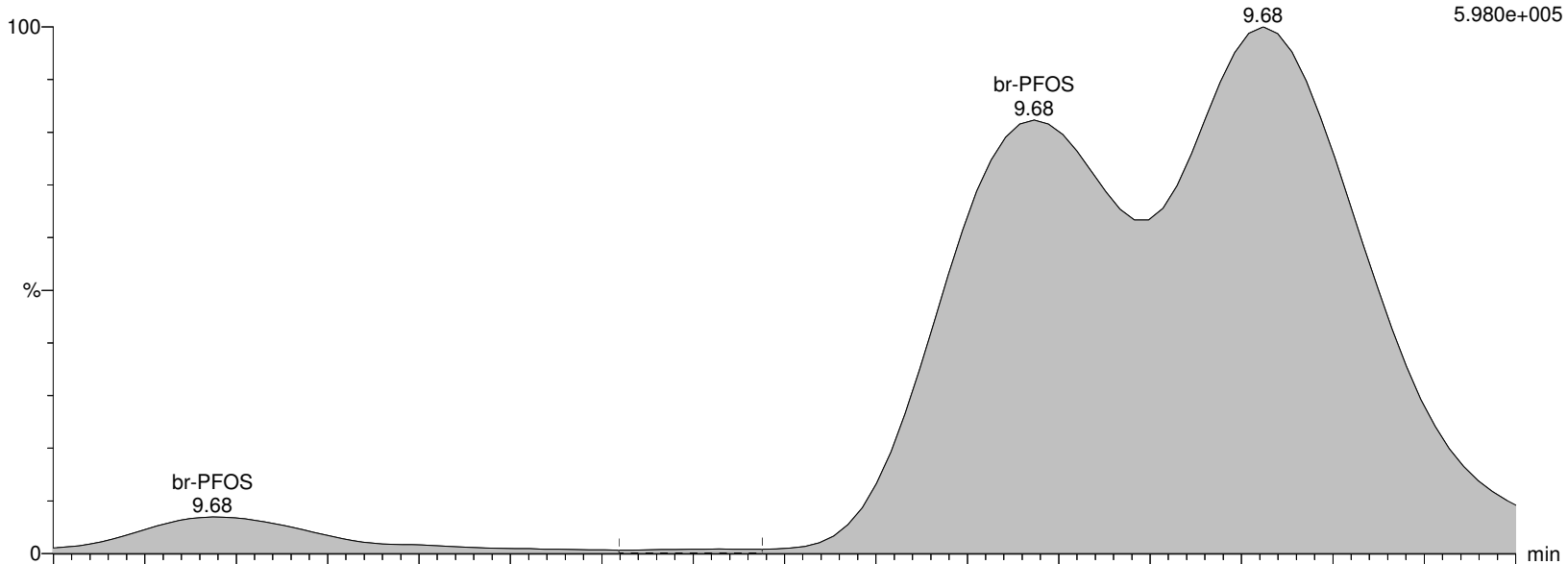
Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOS

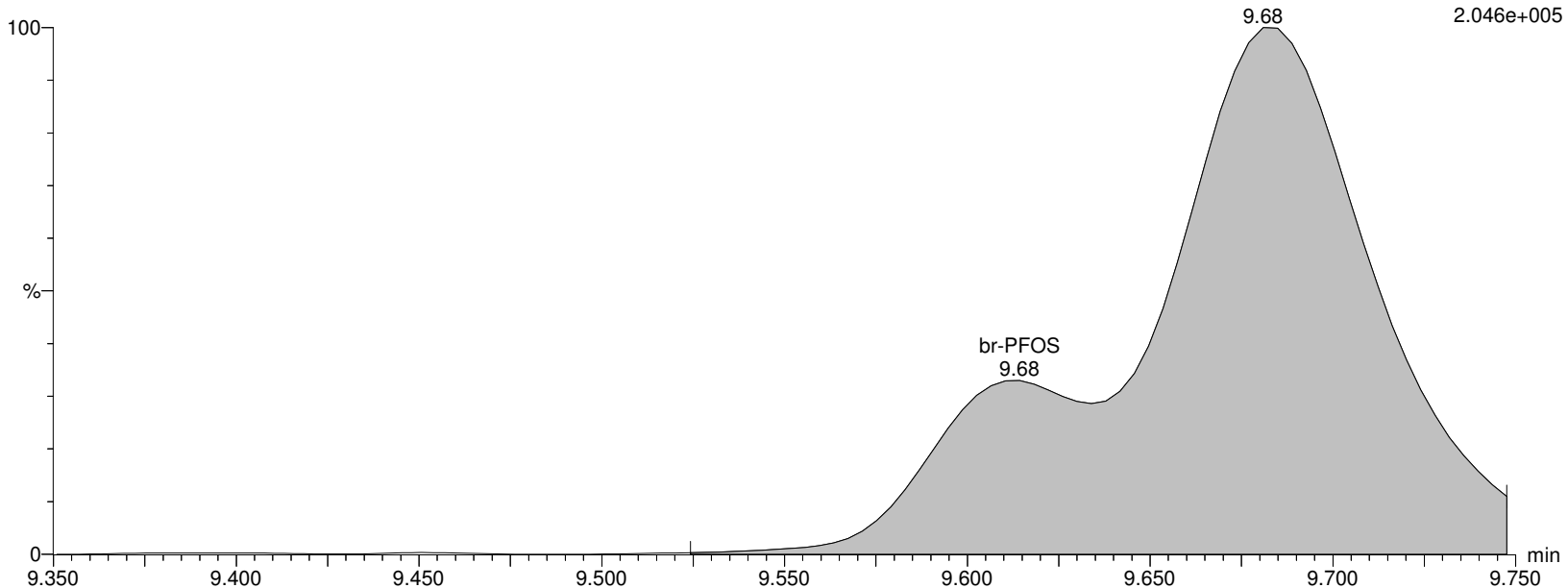
I2272 Smooth(Mn,3x2)

WG1206794 IA2-537STD250



I2272 Smooth(Mn,3x2)

WG1206794 IA2-537STD250



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOS

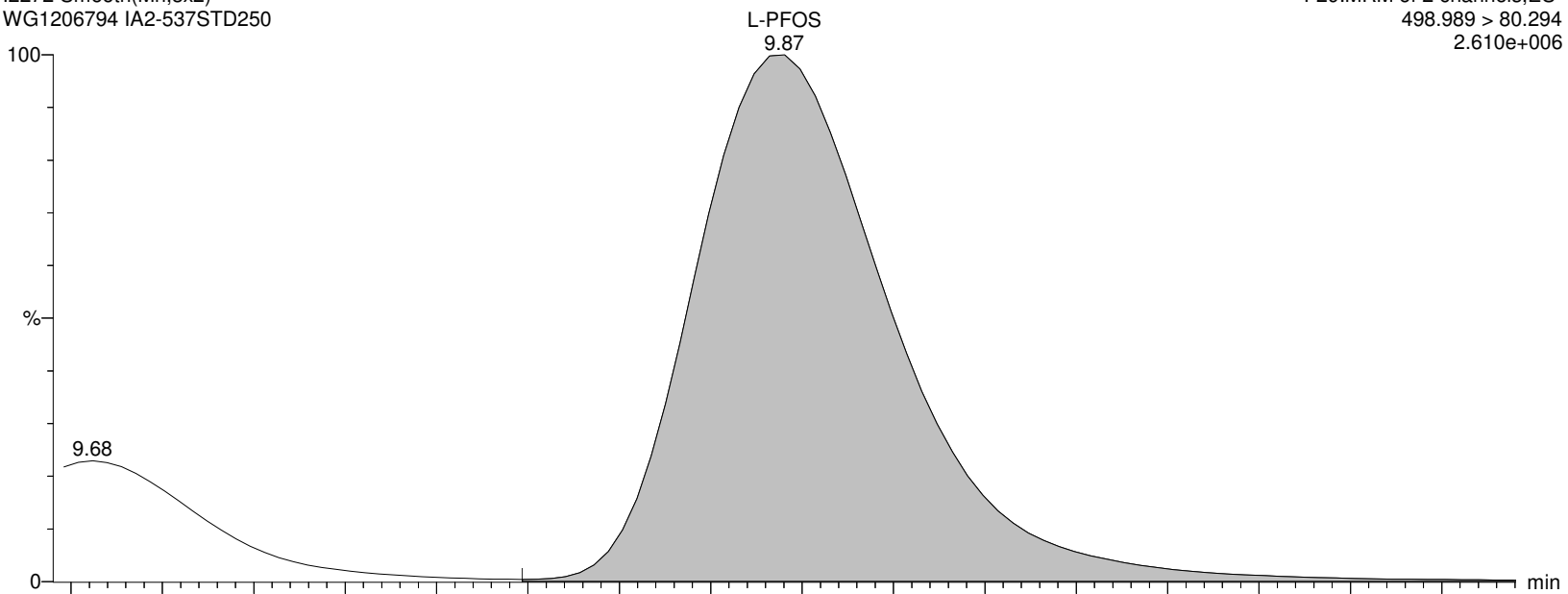
I2272 Smooth(Mn,3x2)

WG1206794 IA2-537STD250

F29:MRM of 2 channels,ES-

498.989 > 80.294

2.610e+006



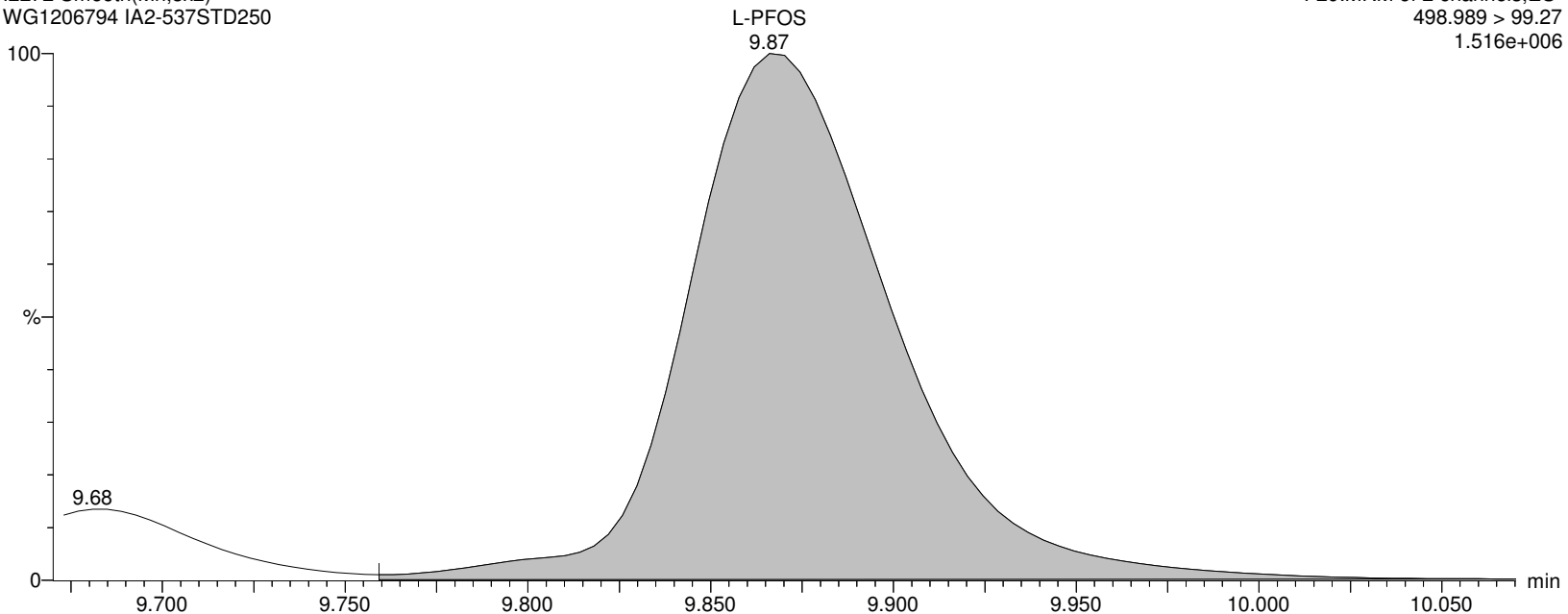
I2272 Smooth(Mn,3x2)

WG1206794 IA2-537STD250

F29:MRM of 2 channels,ES-

498.989 > 99.27

1.516e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOS

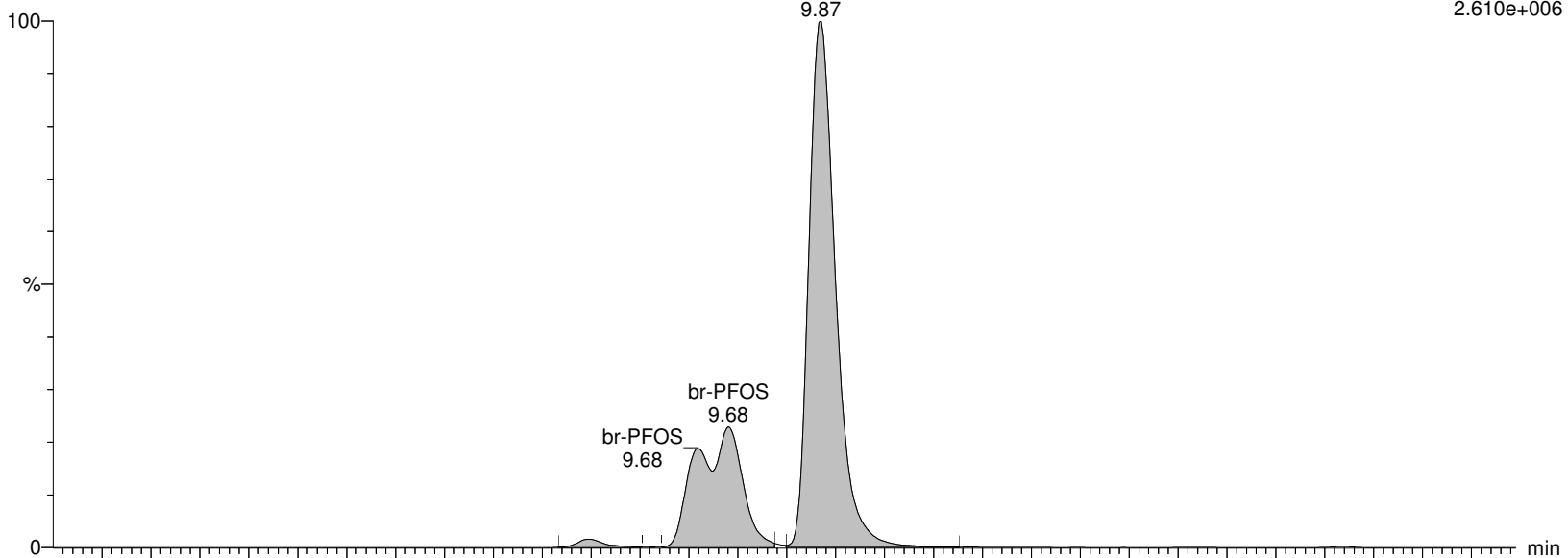
I2272 Smooth(Mn,3x2)

WG1206794 IA2-537STD250

F29:MRM of 2 channels,ES-

498.989 > 80.294

2.610e+006



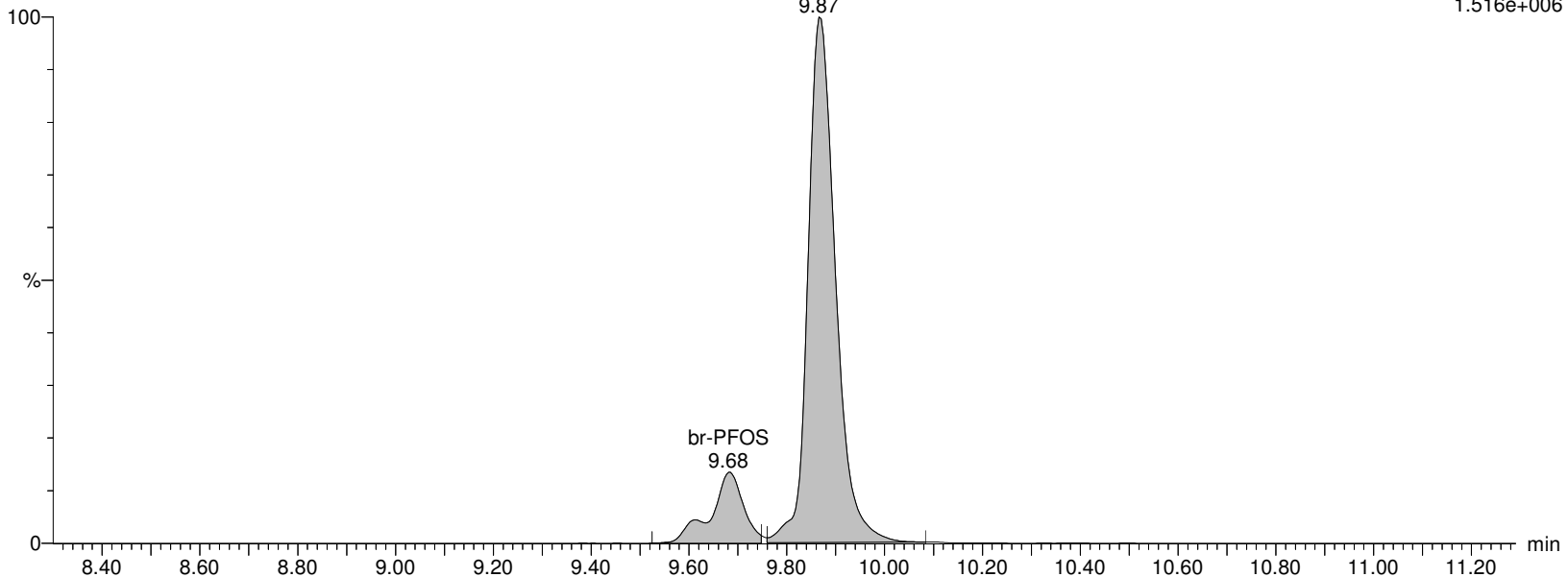
I2272 Smooth(Mn,3x2)

WG1206794 IA2-537STD250

F29:MRM of 2 channels,ES-

498.989 > 99.27

1.516e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFOS

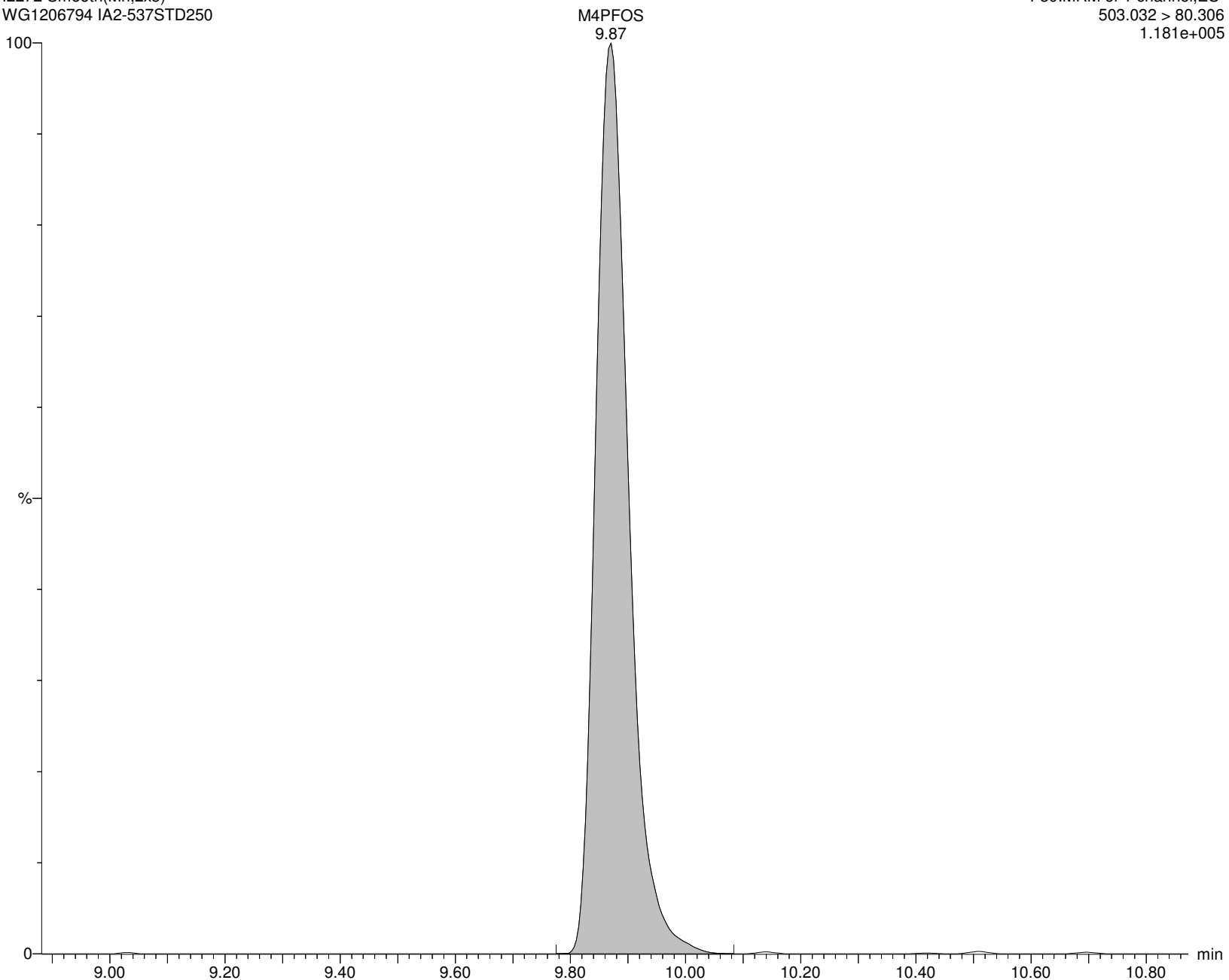
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F30:MRM of 1 channel,ES-

503.032 > 80.306

1.181e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOS

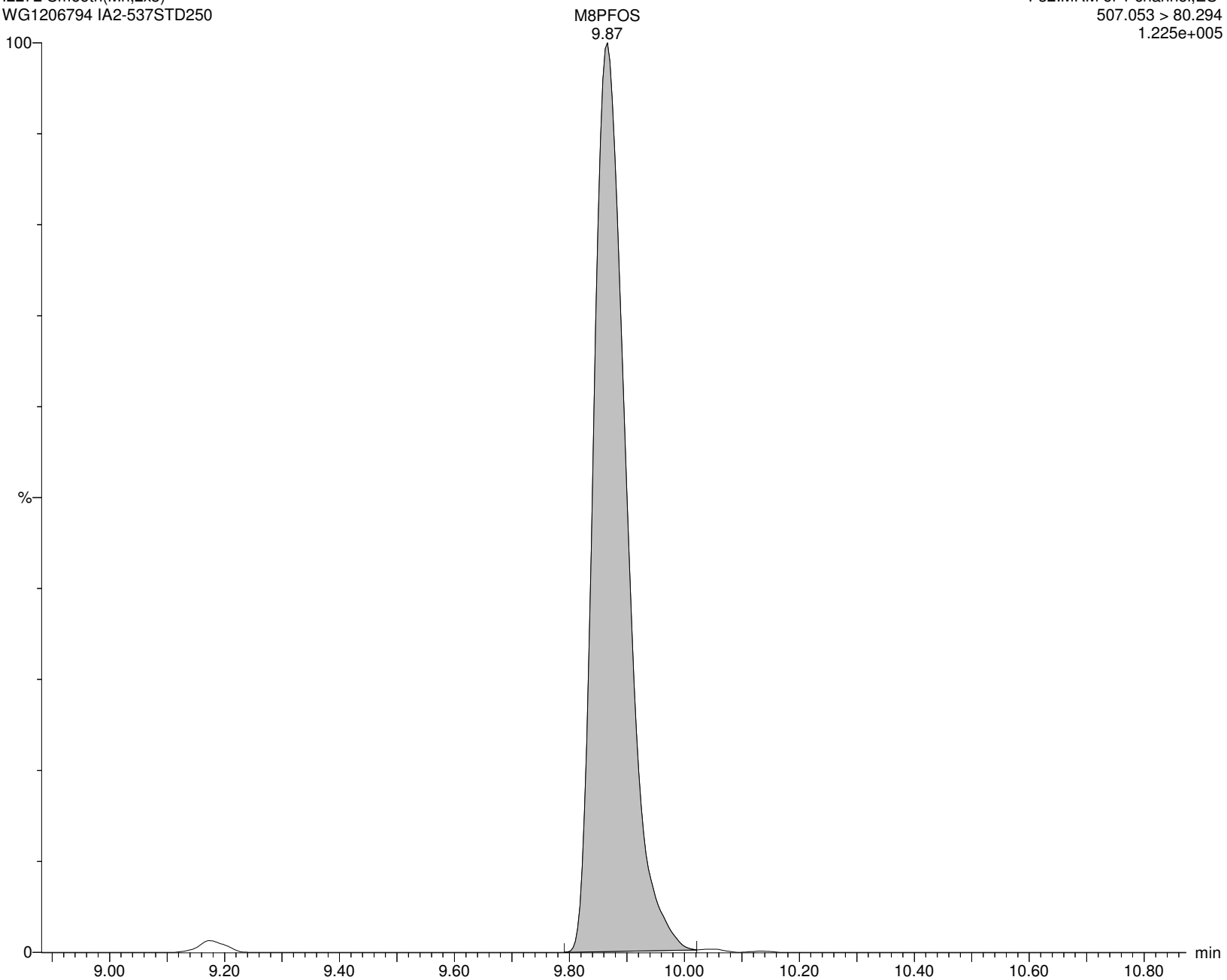
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F32:MRM of 1 channel,ES-

507.053 > 80.294

1.225e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDA

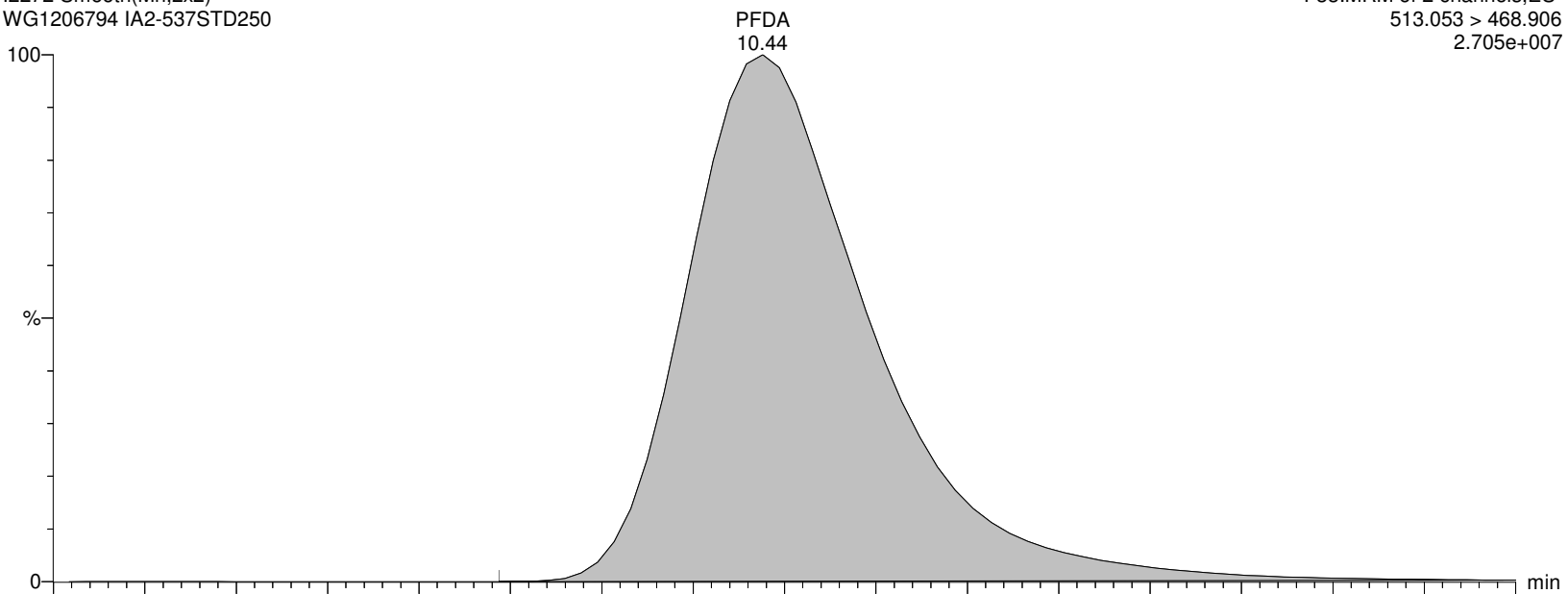
I2272 Smooth(Mn,2x2)

WG1206794 IA2-537STD250

F33:MRM of 2 channels,ES-

513.053 > 468.906

2.705e+007



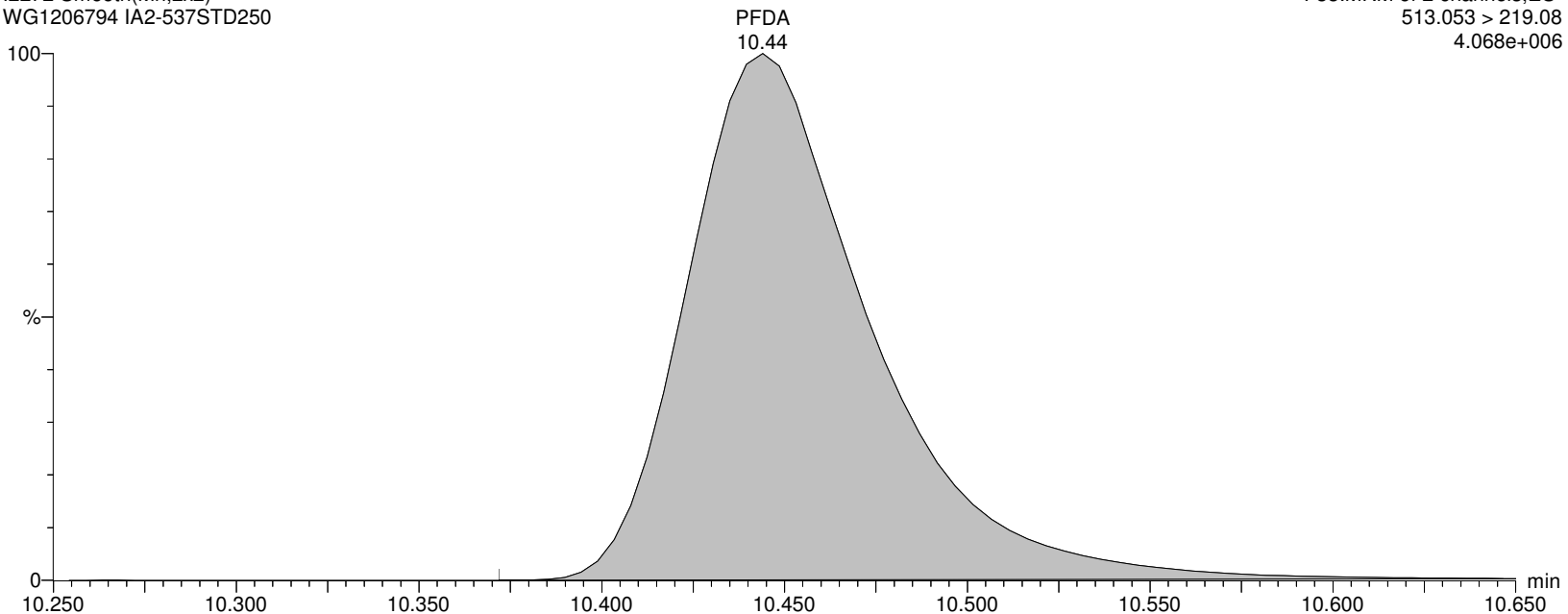
I2272 Smooth(Mn,2x2)

WG1206794 IA2-537STD250

F33:MRM of 2 channels,ES-

513.053 > 219.08

4.068e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFDA

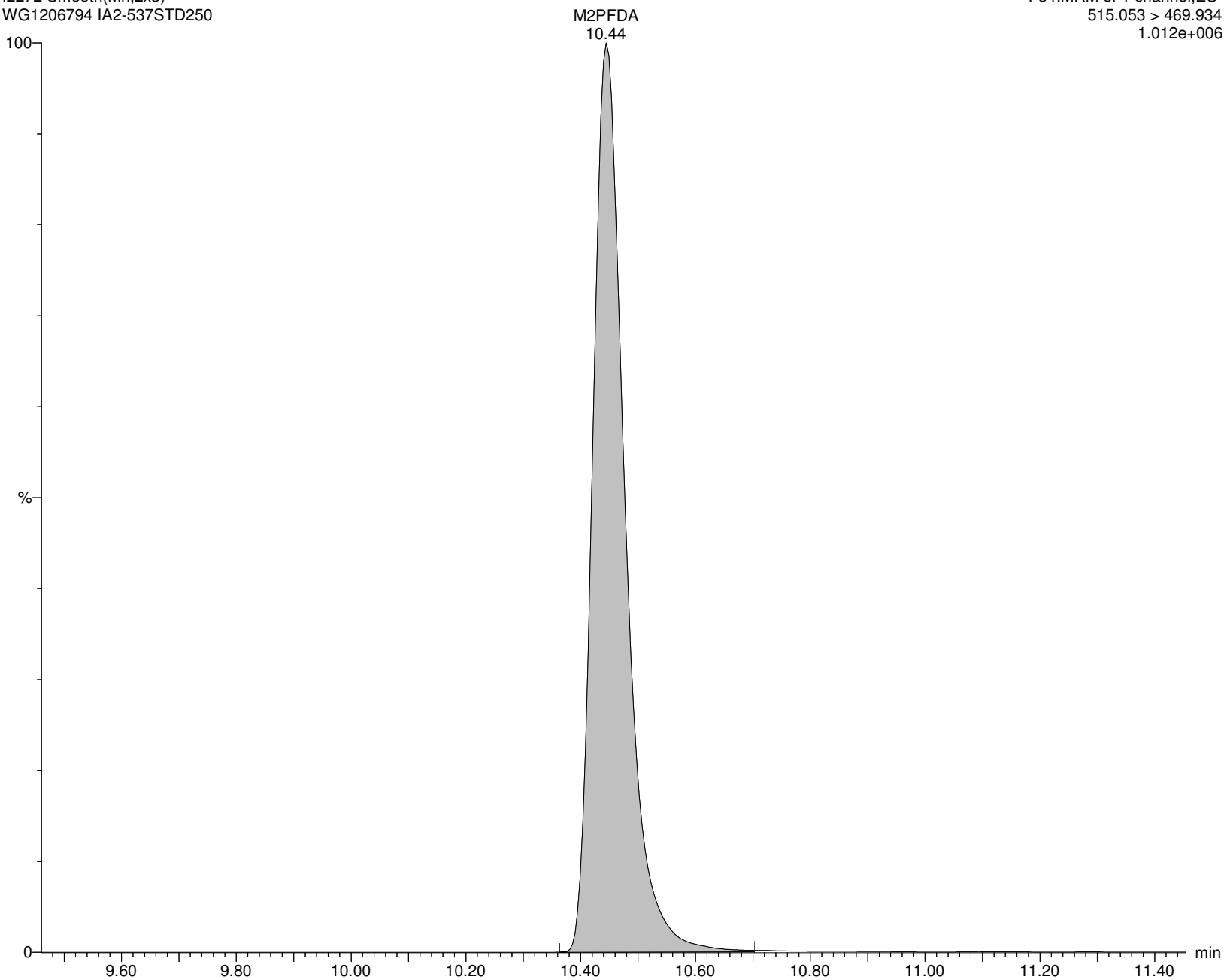
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F34:MRM of 1 channel,ES-

515.053 > 469.934

1.012e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M6PFDA

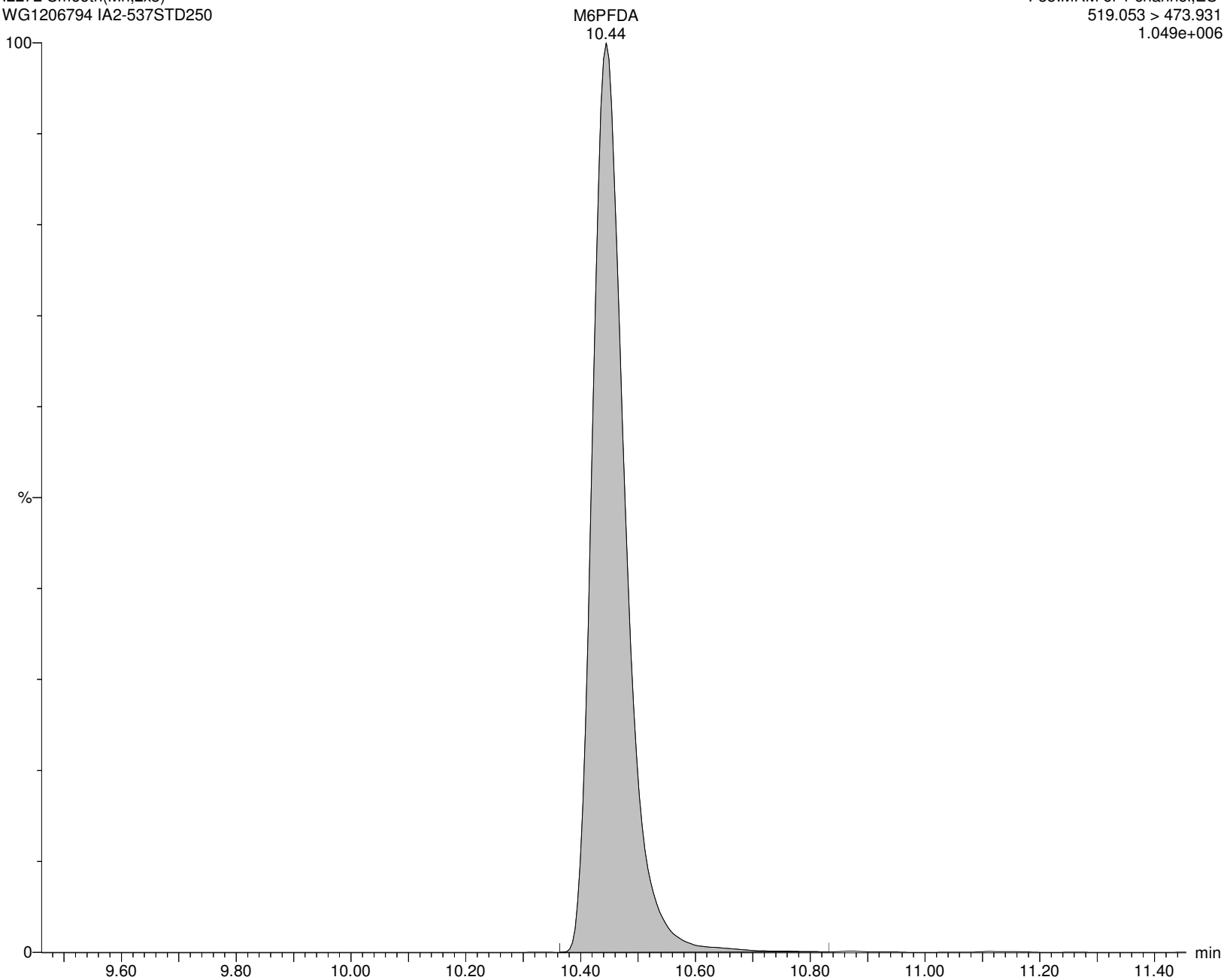
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F35:MRM of 1 channel,ES-

519.053 > 473.931

1.049e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

8:2FTS

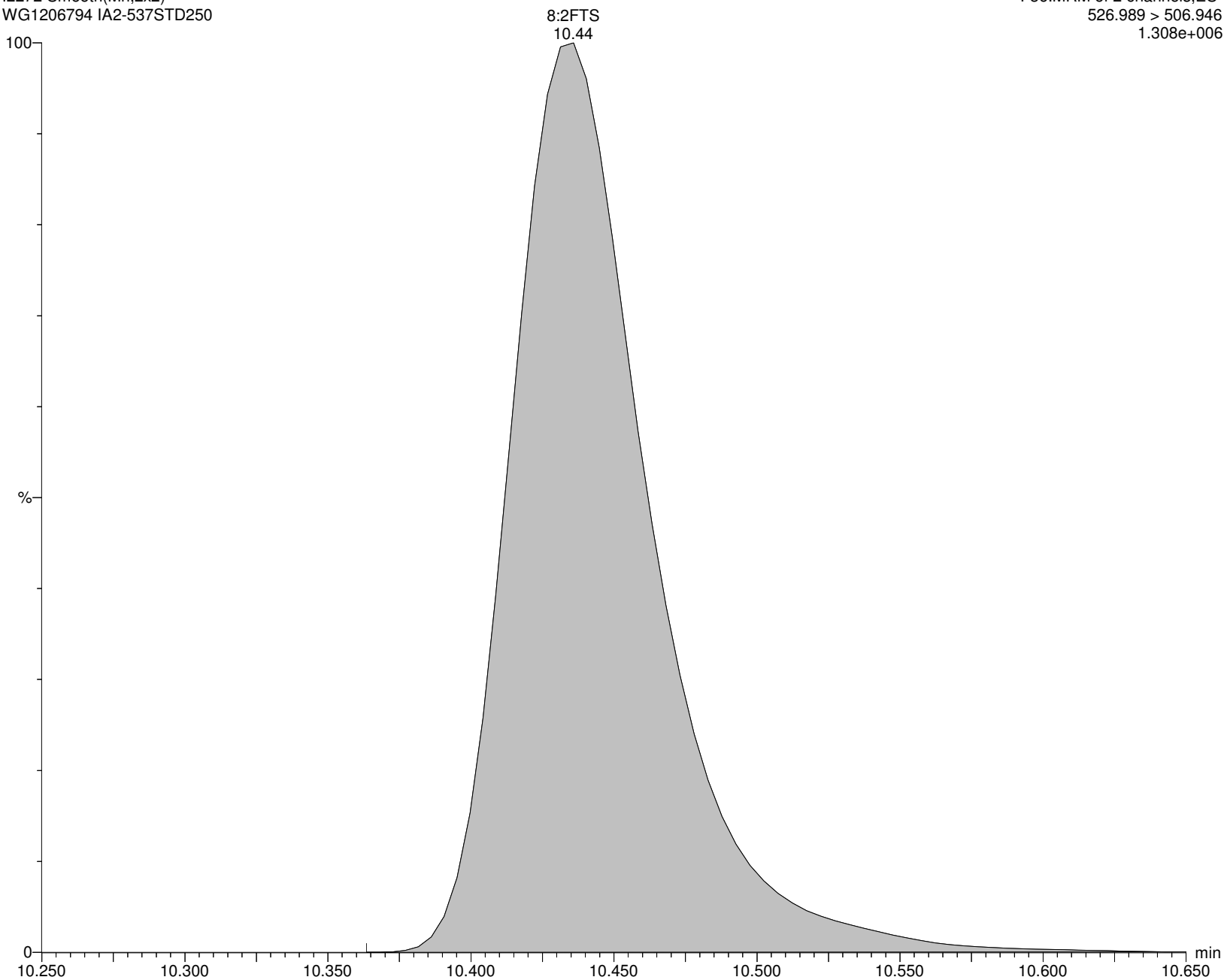
I2272 Smooth(Mn,2x2)

WG1206794 IA2-537STD250

F36:MRM of 2 channels,ES-

526.989 > 506.946

1.308e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-8:2FTS

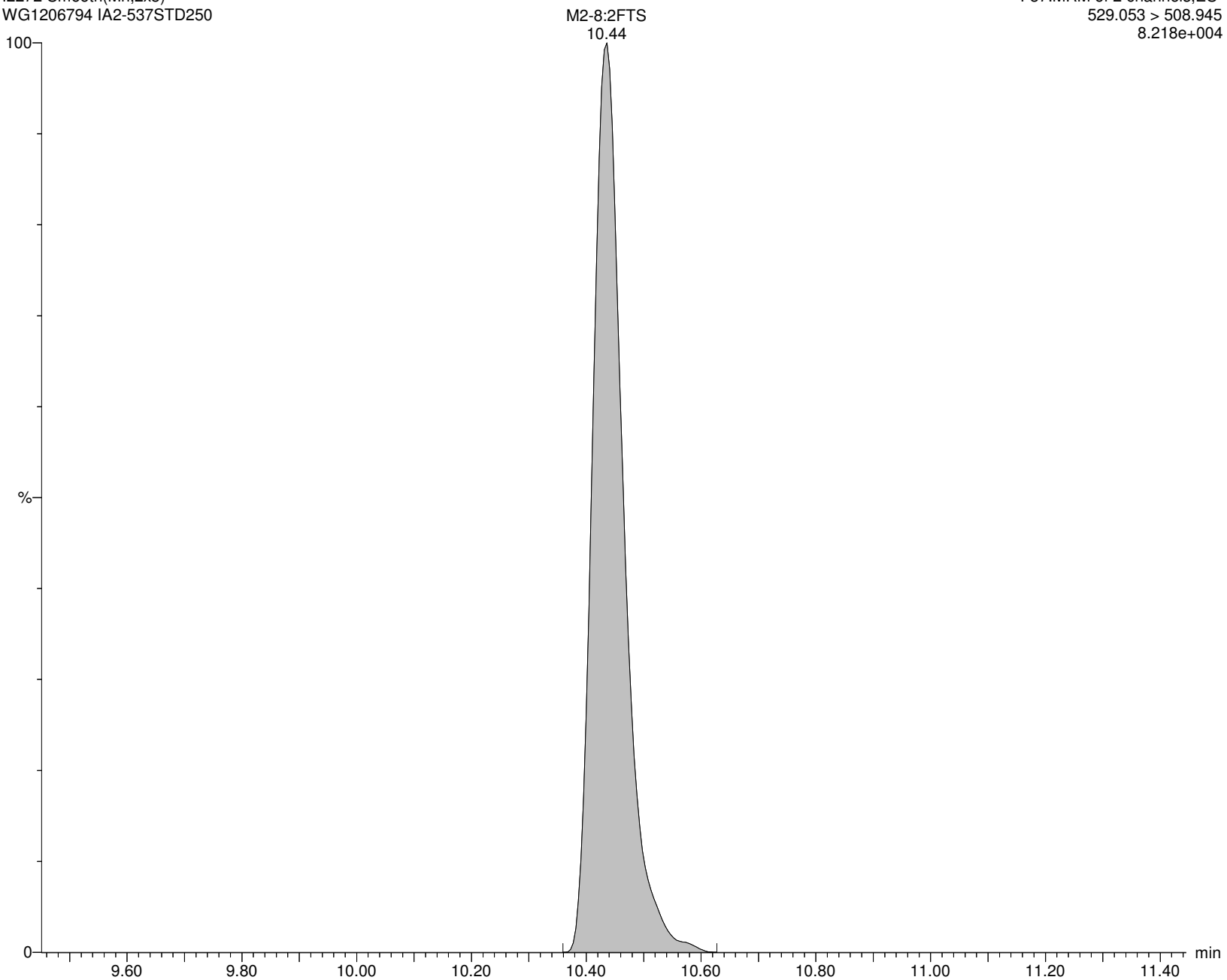
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F37:MRM of 2 channels,ES-

529.053 > 508.945

8.218e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNS

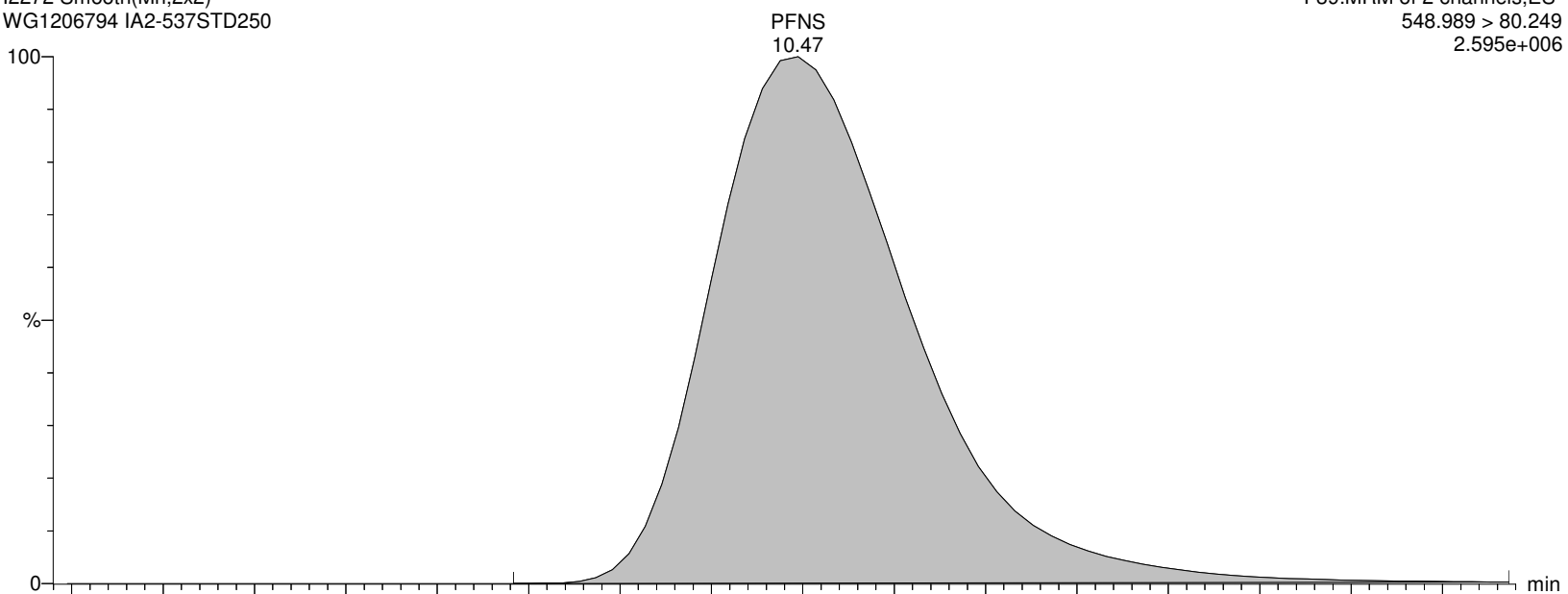
I2272 Smooth(Mn,2x2)

WG1206794 IA2-537STD250

F39:MRM of 2 channels,ES-

548.989 > 80.249

2.595e+006



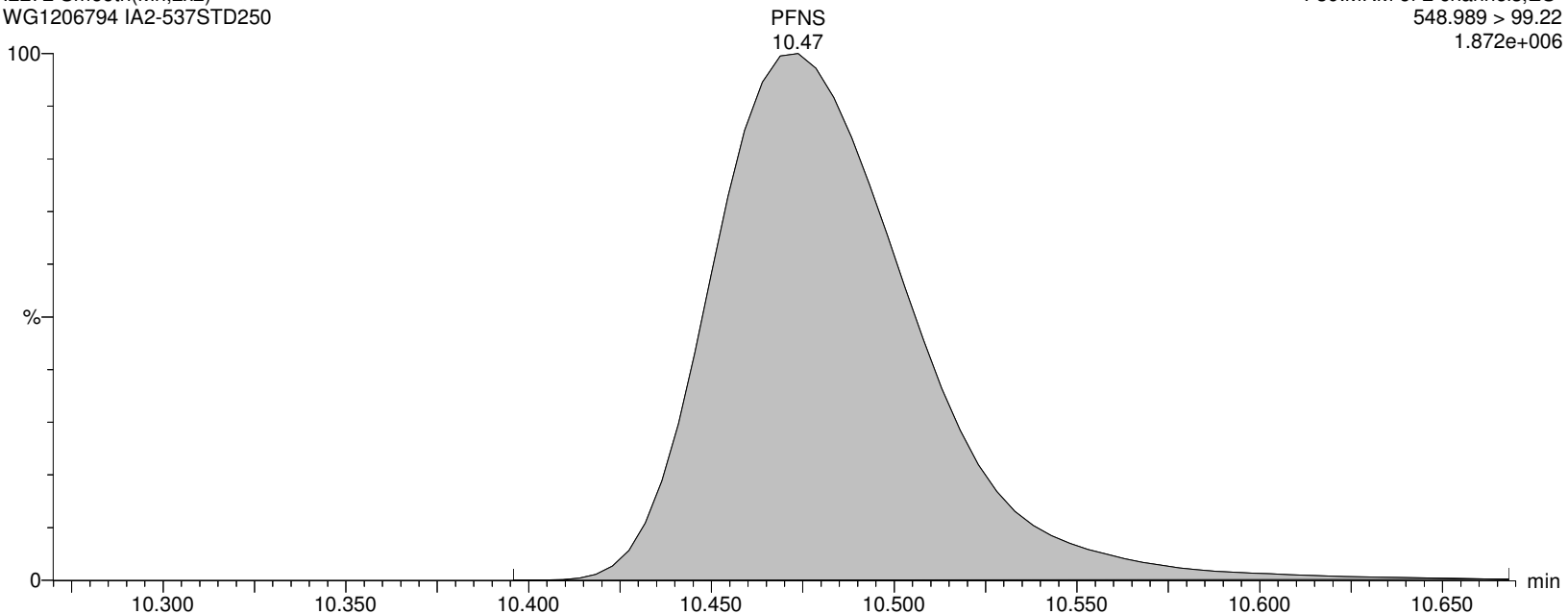
I2272 Smooth(Mn,2x2)

WG1206794 IA2-537STD250

F39:MRM of 2 channels,ES-

548.989 > 99.22

1.872e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d3-NMeFOSAA

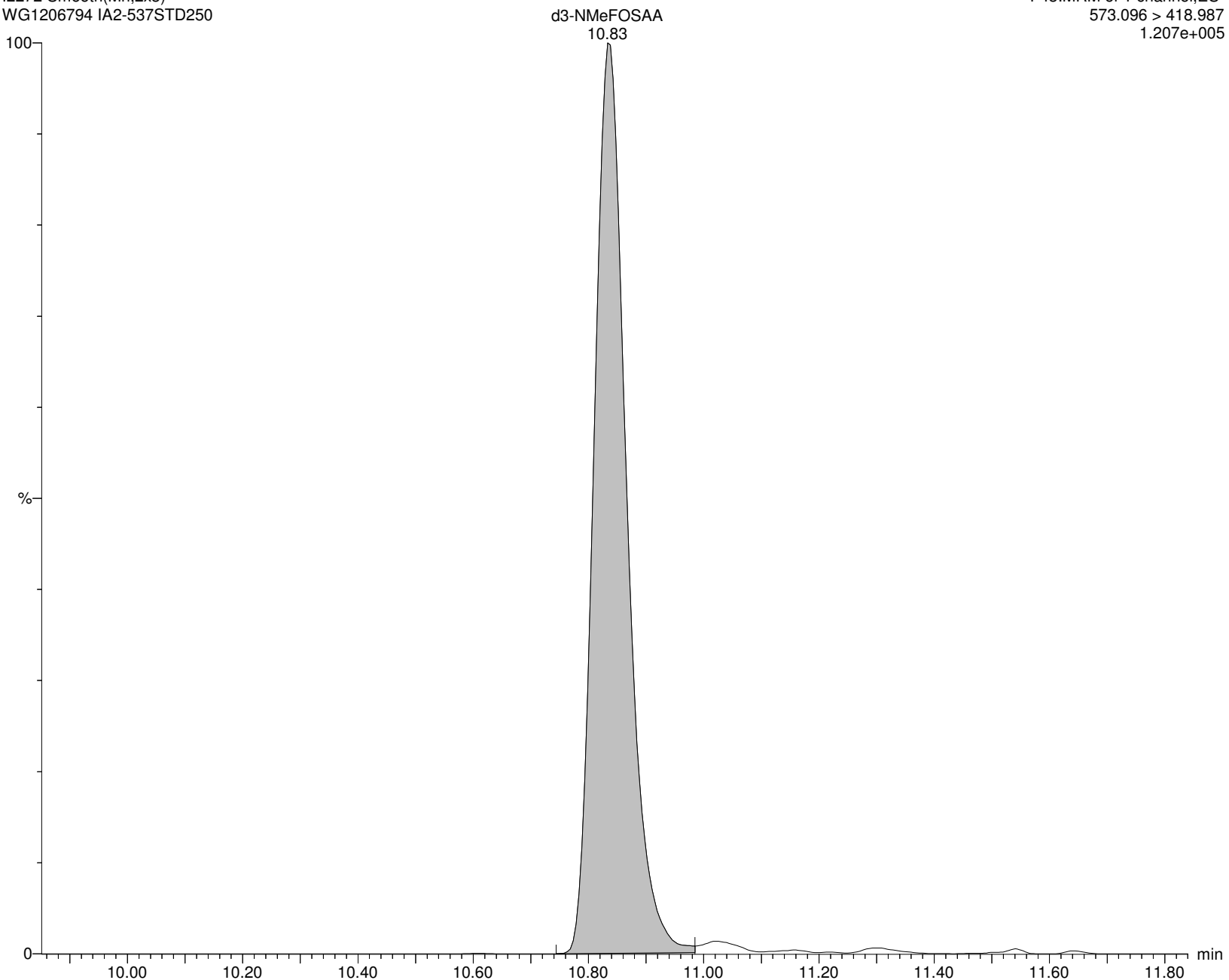
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F43:MRM of 1 channel,ES-

573.096 > 418.987

1.207e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NMeFOSAA

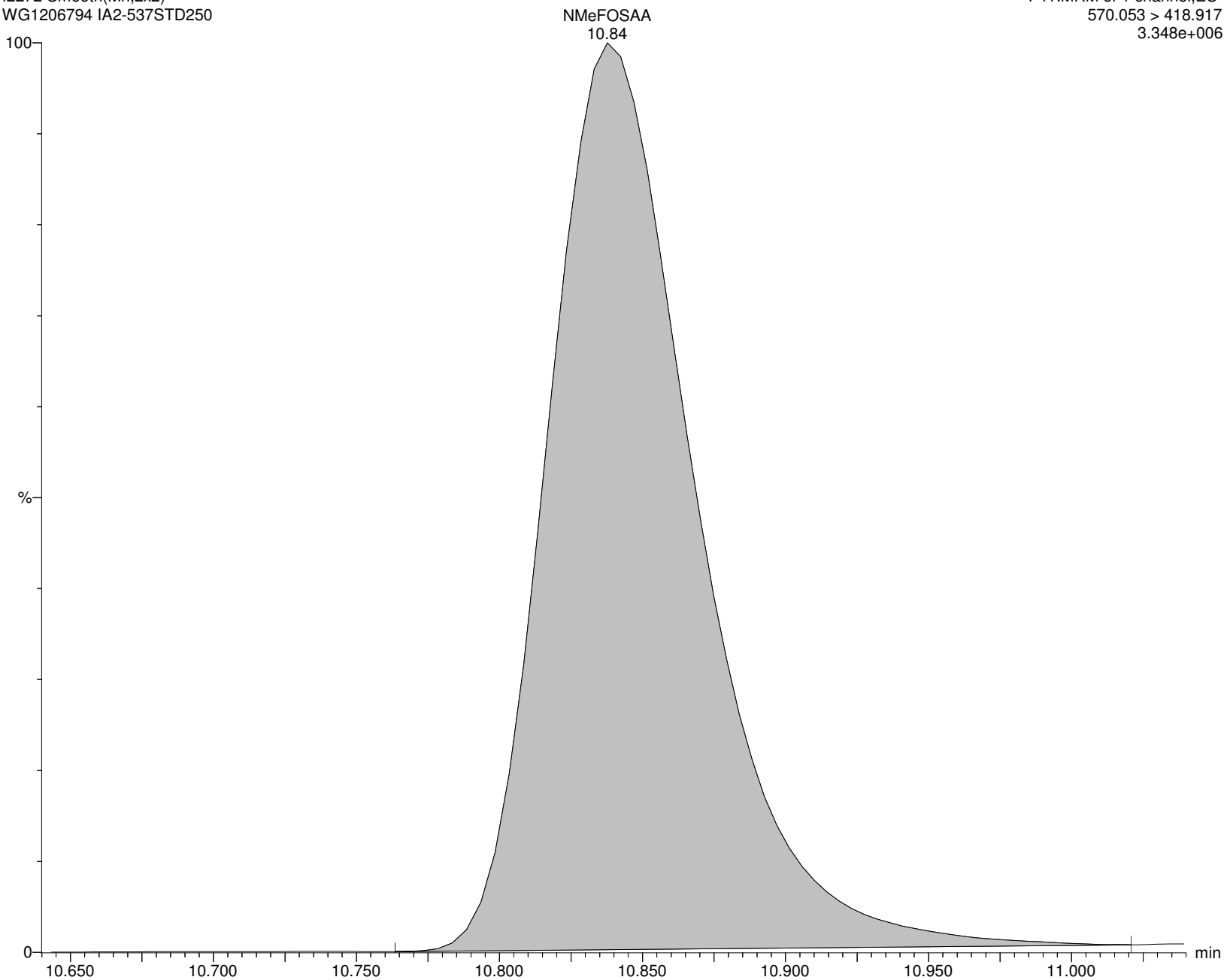
I2272 Smooth(Mn,2x2)

WG1206794 IA2-537STD250

F41:MRM of 1 channel,ES-

570.053 > 418.917

3.348e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFUnA

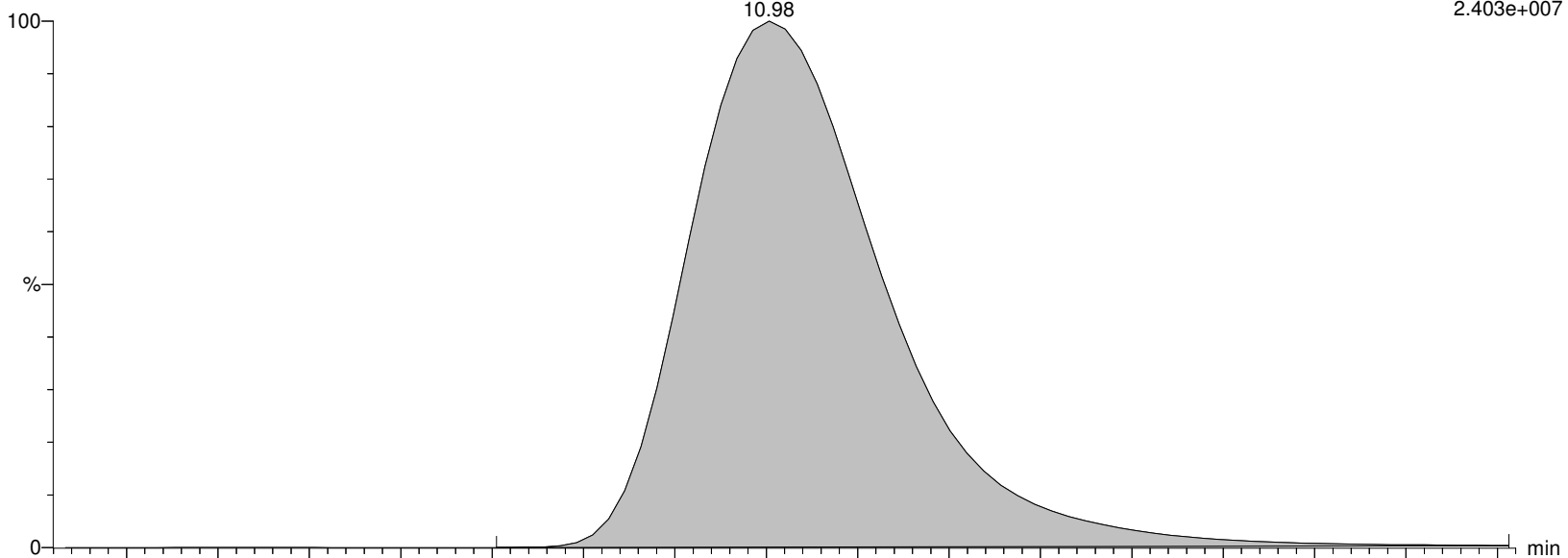
I2272 Smooth(Mn,2x2)

WG1206794 IA2-537STD250

F40:MRM of 2 channels,ES-

562.989 > 518.903

2.403e+007



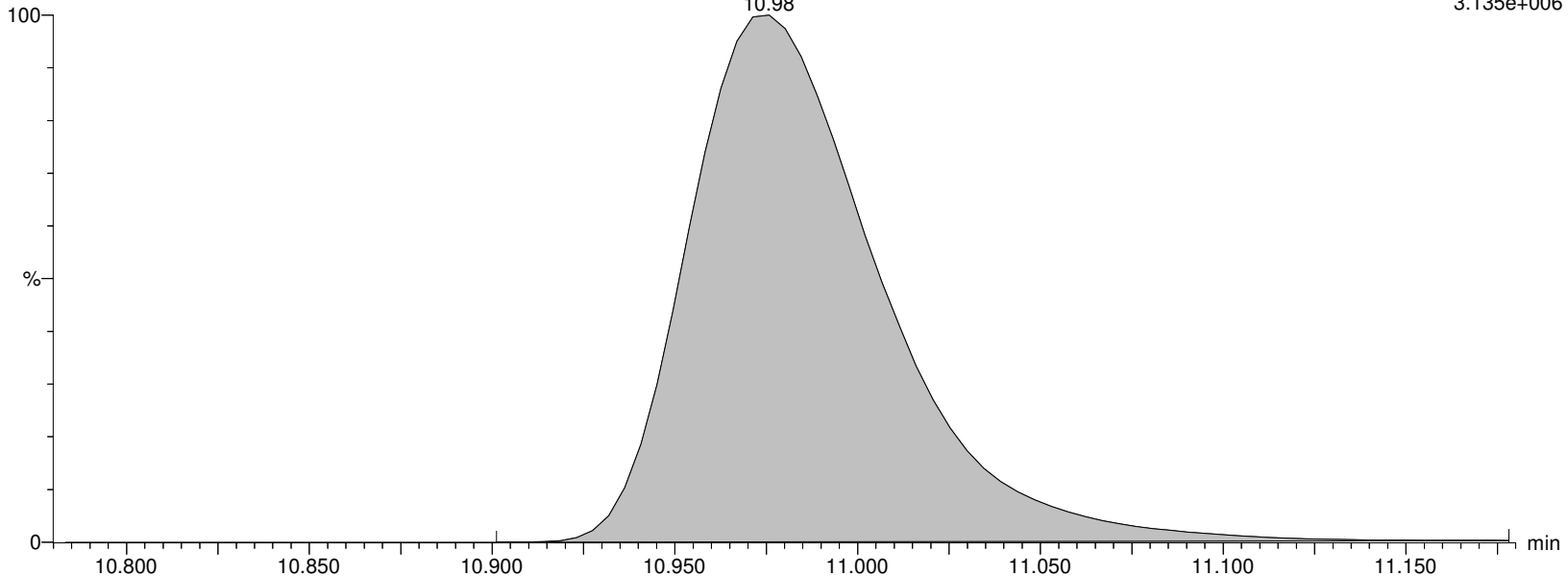
I2272 Smooth(Mn,2x2)

WG1206794 IA2-537STD250

F40:MRM of 2 channels,ES-

562.989 > 269.01

3.135e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M7-PFUDA

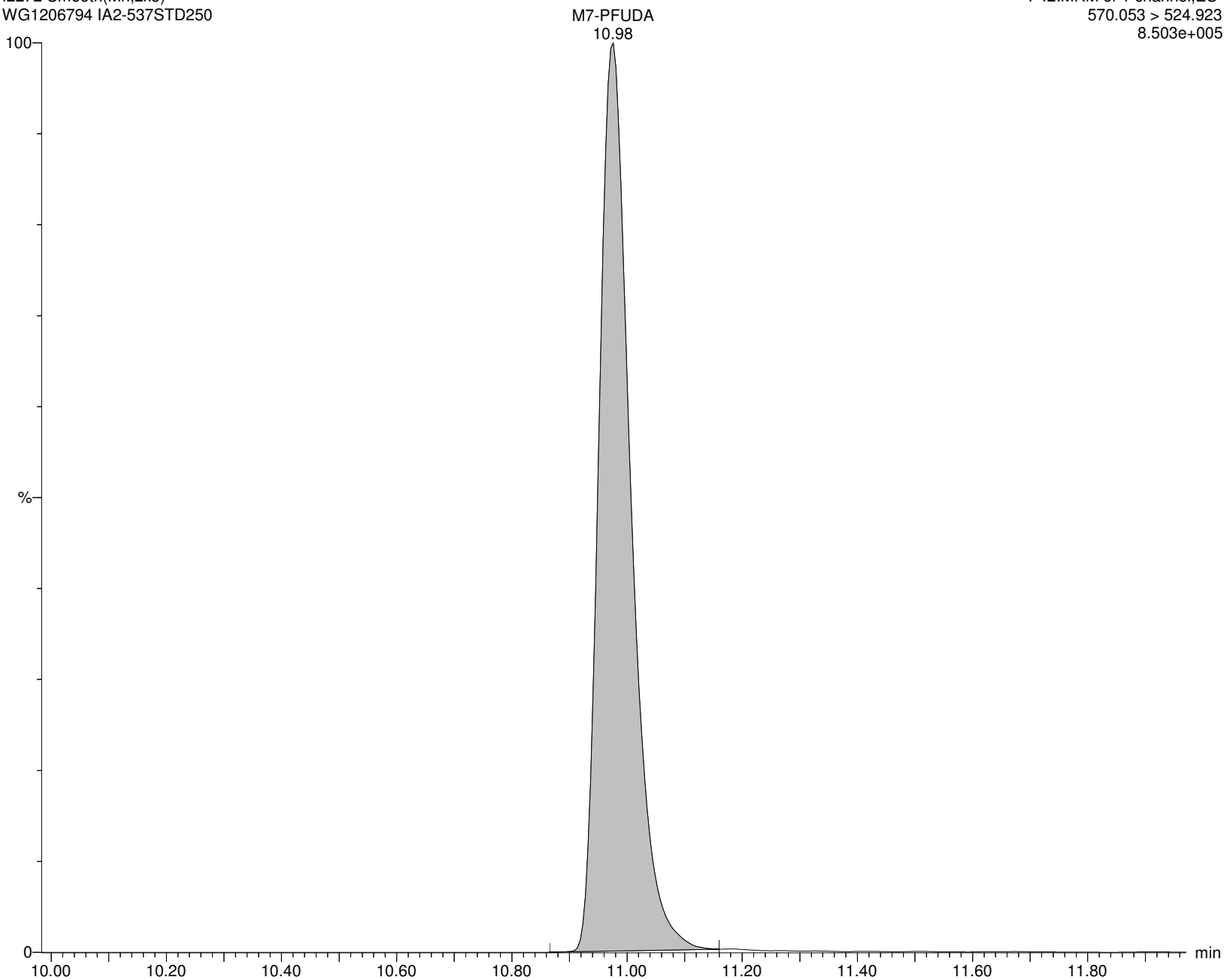
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F42:MRM of 1 channel,ES-

570.053 > 524.923

8.503e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDS

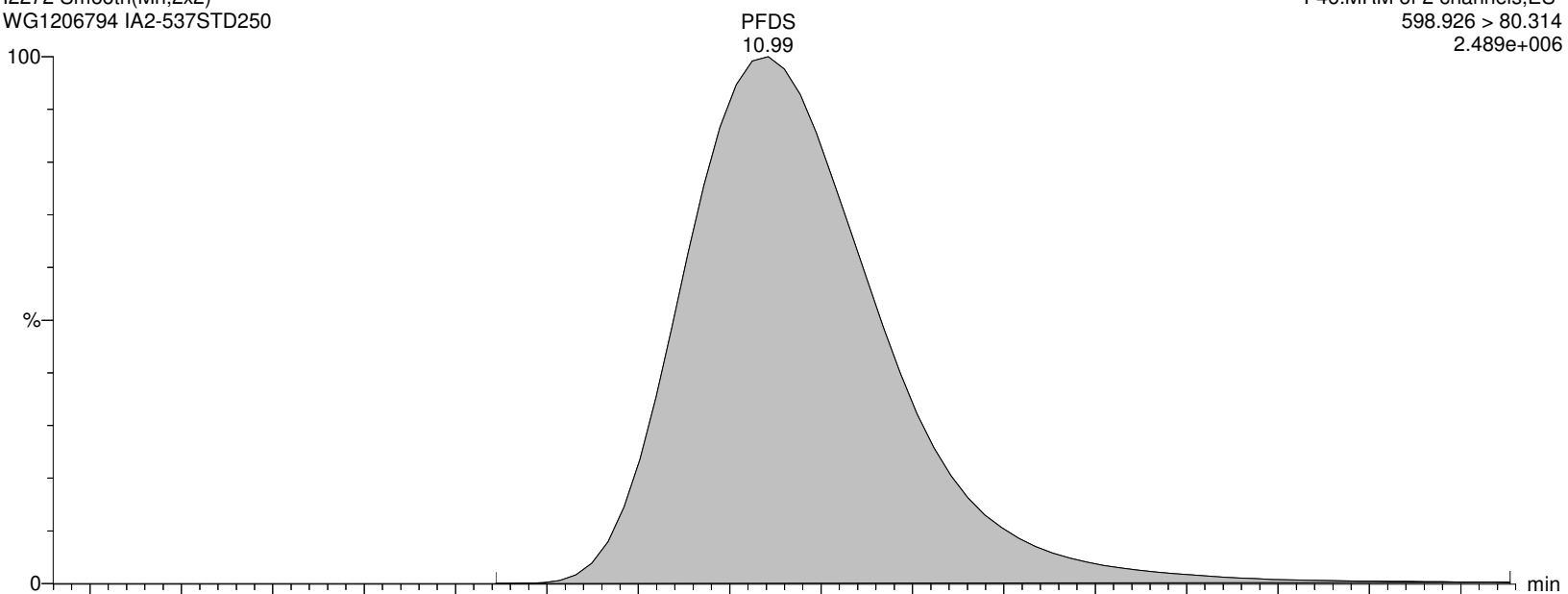
I2272 Smooth(Mn,2x2)

WG1206794 IA2-537STD250

F46:MRM of 2 channels,ES-

598.926 > 80.314

2.489e+006



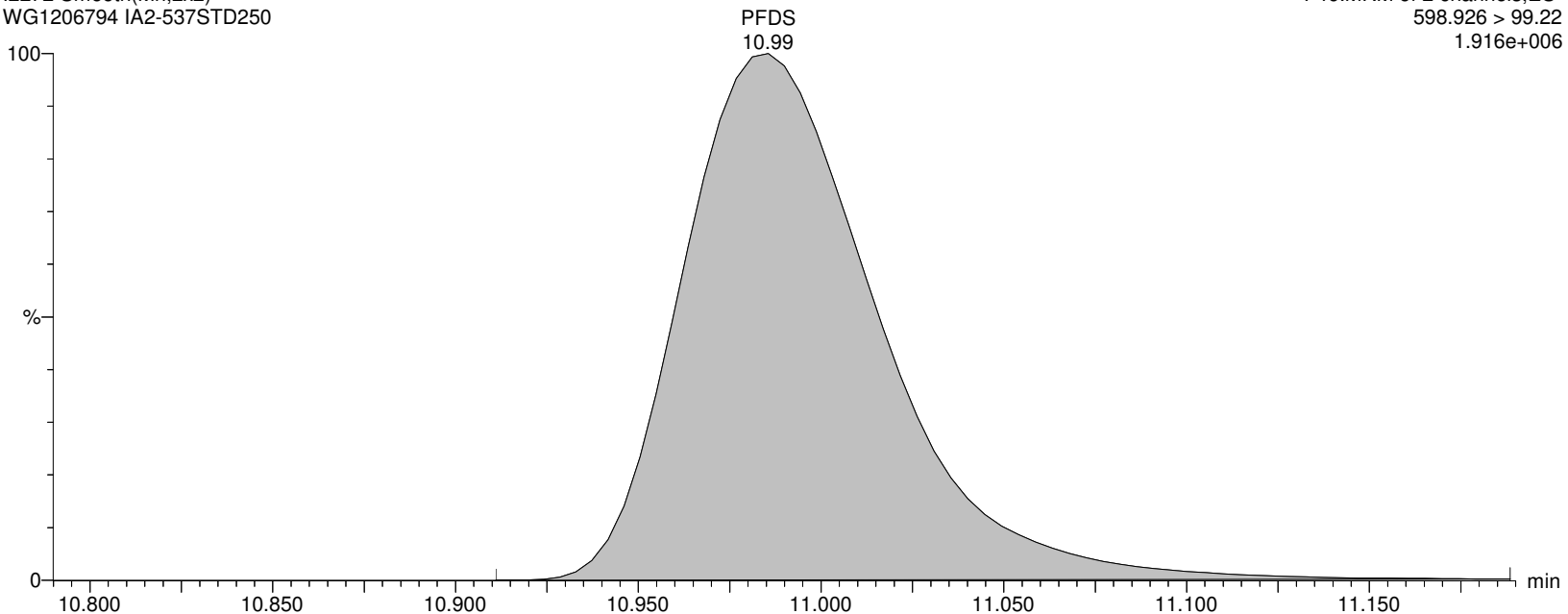
I2272 Smooth(Mn,2x2)

WG1206794 IA2-537STD250

F46:MRM of 2 channels,ES-

598.926 > 99.22

1.916e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

FOSA

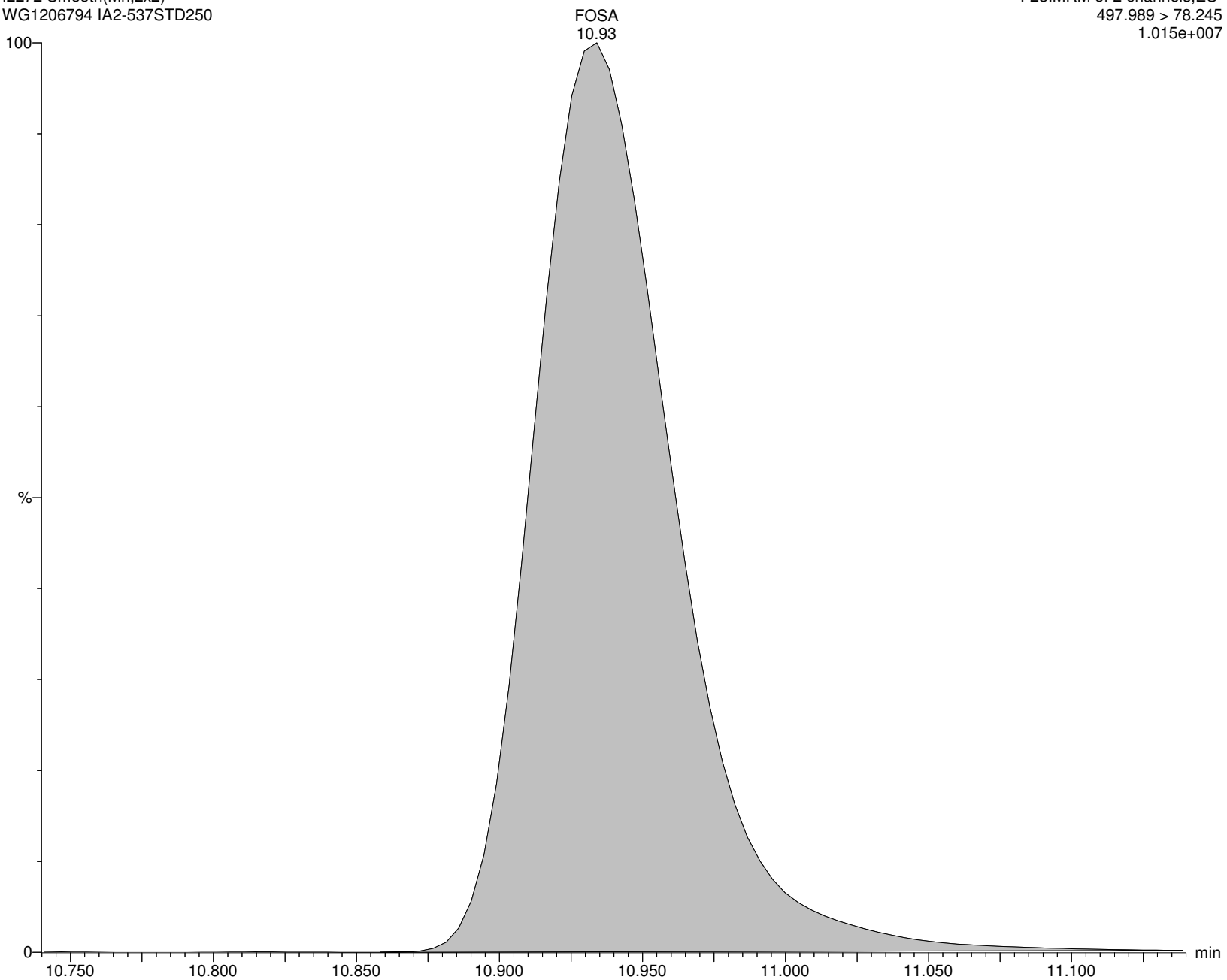
I2272 Smooth(Mn,2x2)

WG1206794 IA2-537STD250

F28:MRM of 2 channels,ES-

497.989 > 78.245

1.015e+007



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8FOSA

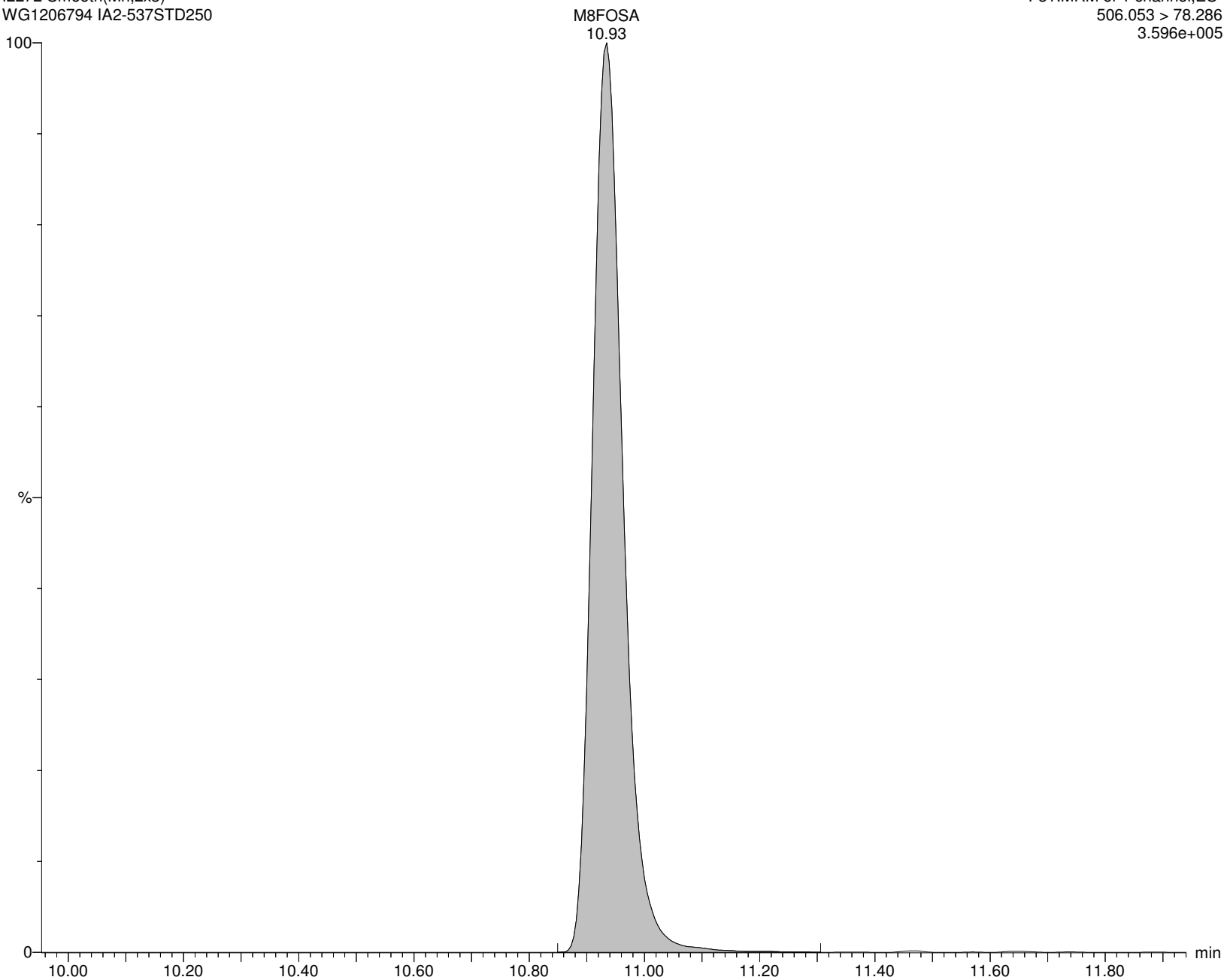
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F31:MRM of 1 channel,ES-

506.053 > 78.286

3.596e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d5-NEtFOSAA

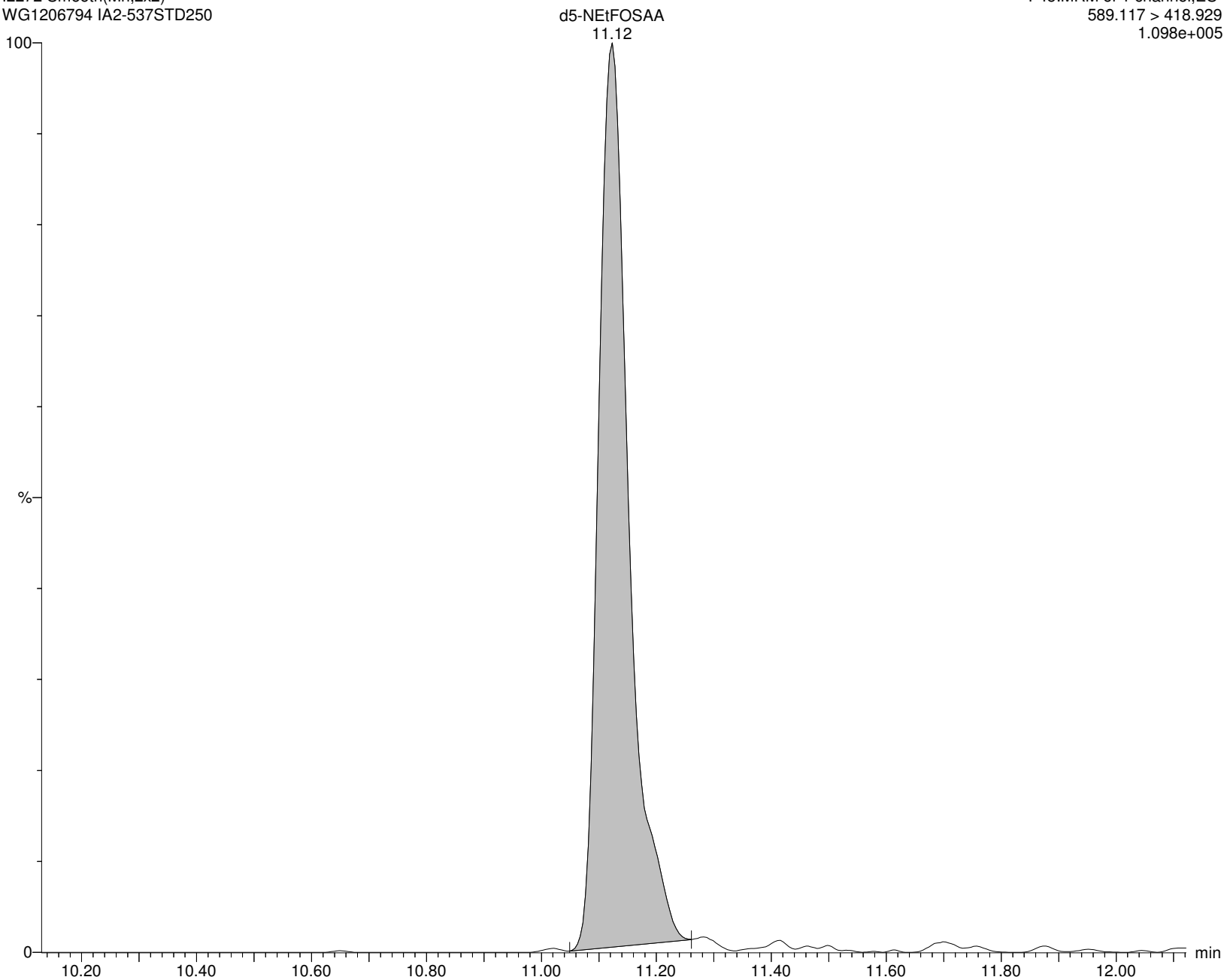
I2272 Smooth(Mn,2x2)

WG1206794 IA2-537STD250

F45:MRM of 1 channel,ES-

589.117 > 418.929

1.098e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NEtFOSAA

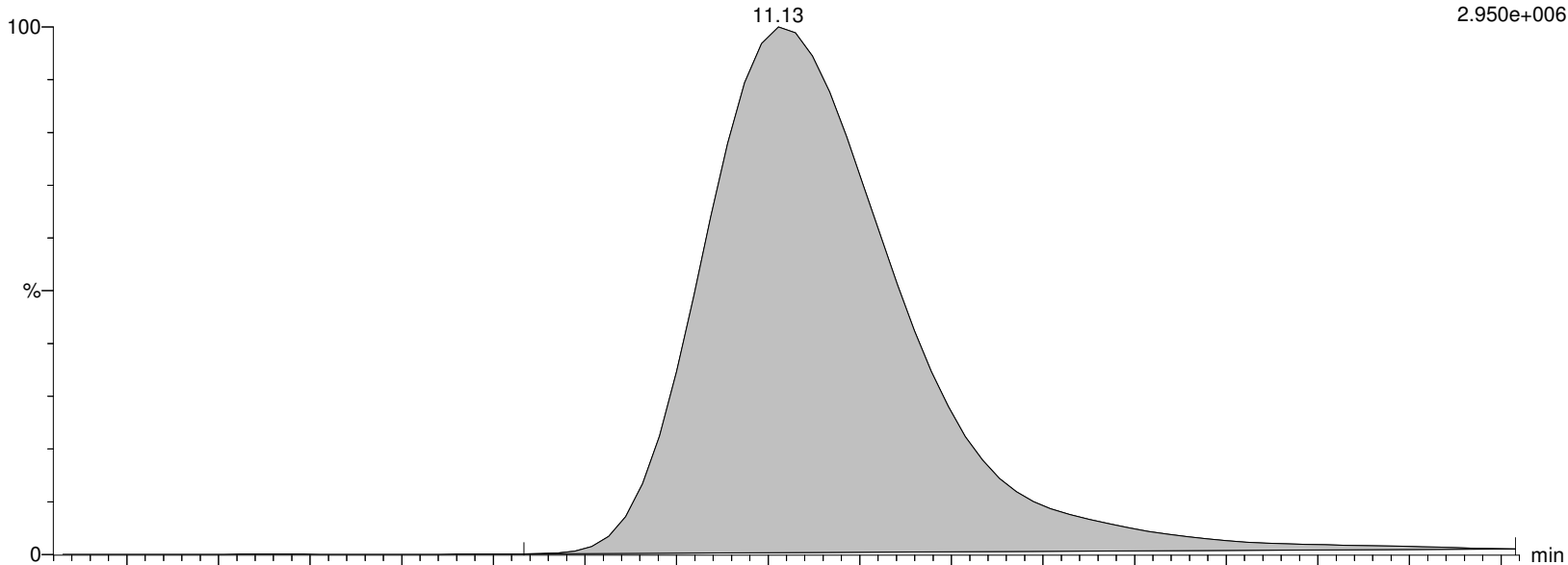
I2272 Smooth(Mn,2x2)

WG1206794 IA2-537STD250

F44:MRM of 2 channels,ES-

583.989 > 418.927

2.950e+006



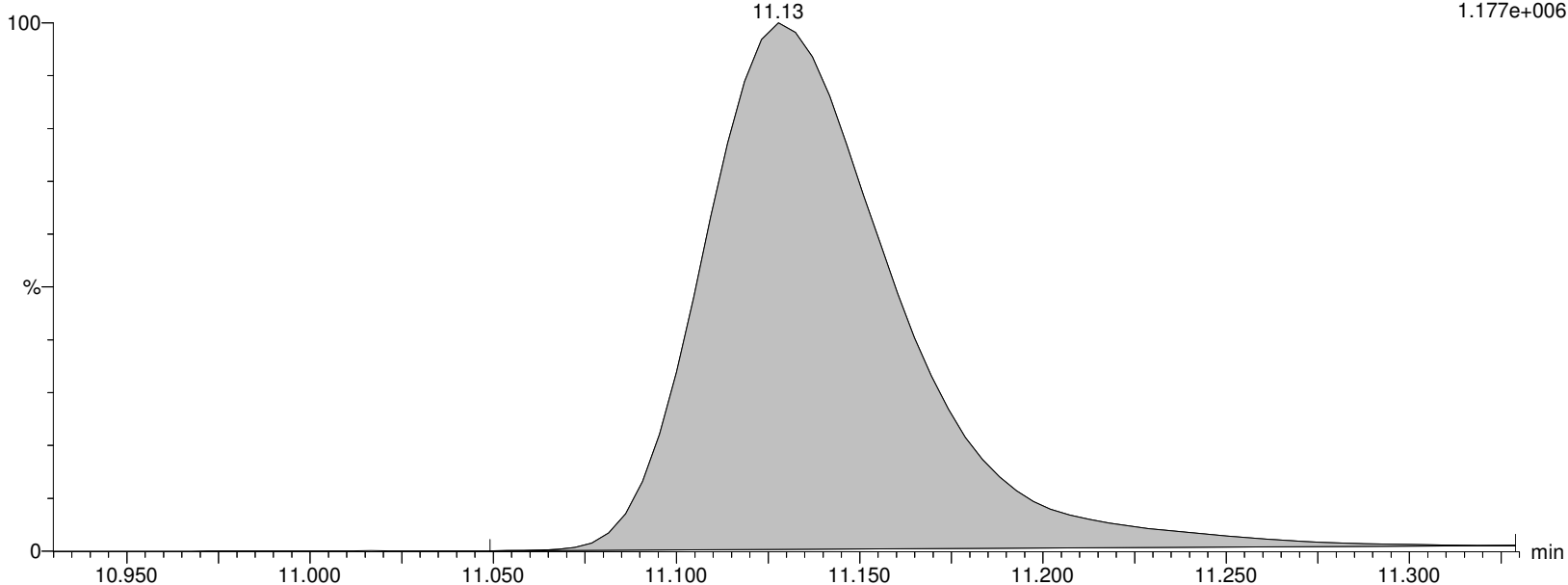
I2272 Smooth(Mn,2x2)

WG1206794 IA2-537STD250

F44:MRM of 2 channels,ES-

583.989 > 482.88

1.177e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

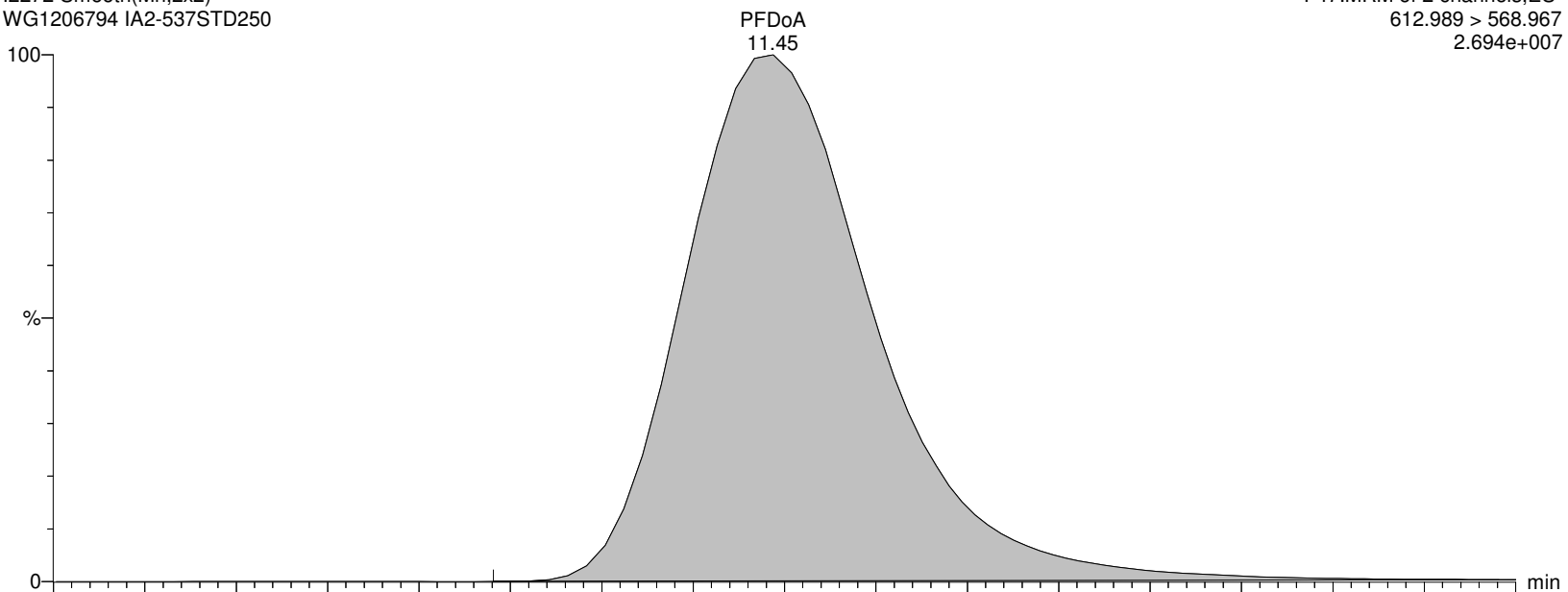
Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFD_oA

I2272 Smooth(Mn,2x2)

WG1206794 IA2-537STD250



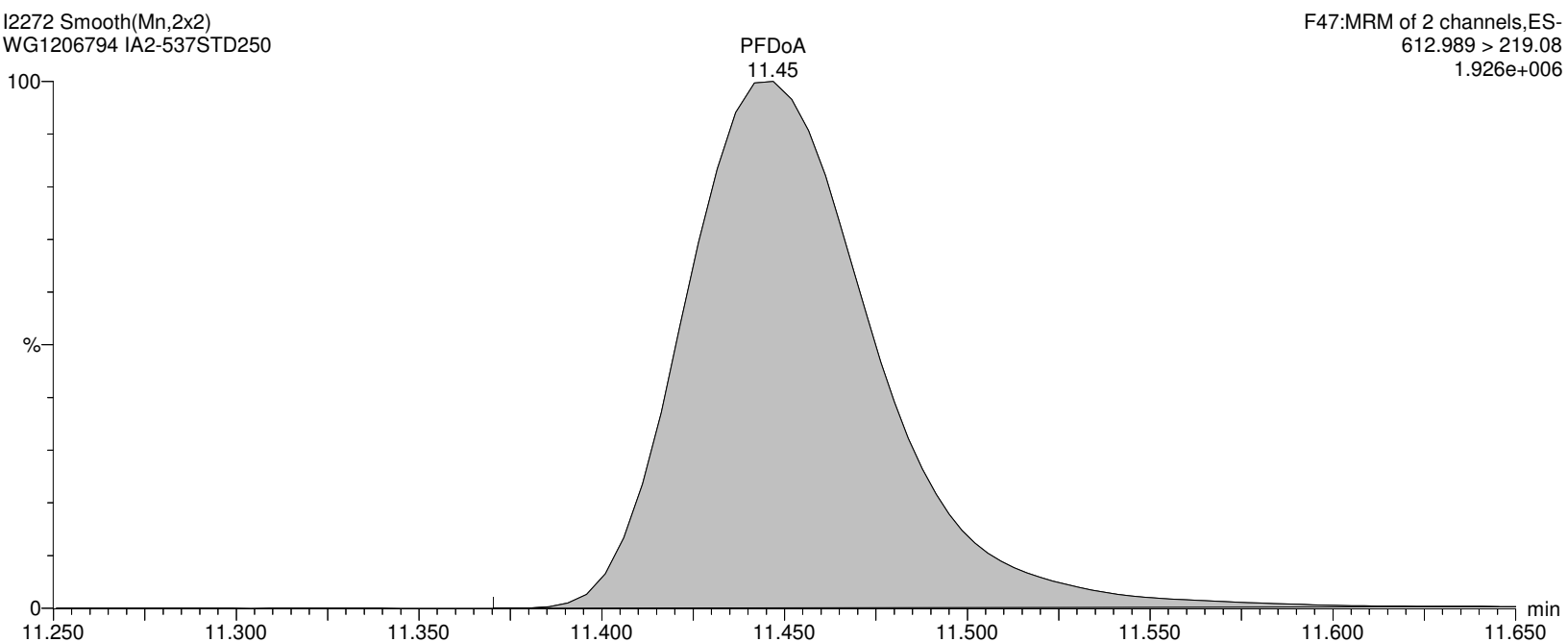
F47:MRM of 2 channels,ES-

612.989 > 568.967

2.694e+007

I2272 Smooth(Mn,2x2)

WG1206794 IA2-537STD250



F47:MRM of 2 channels,ES-

612.989 > 219.08

1.926e+006

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFDOA

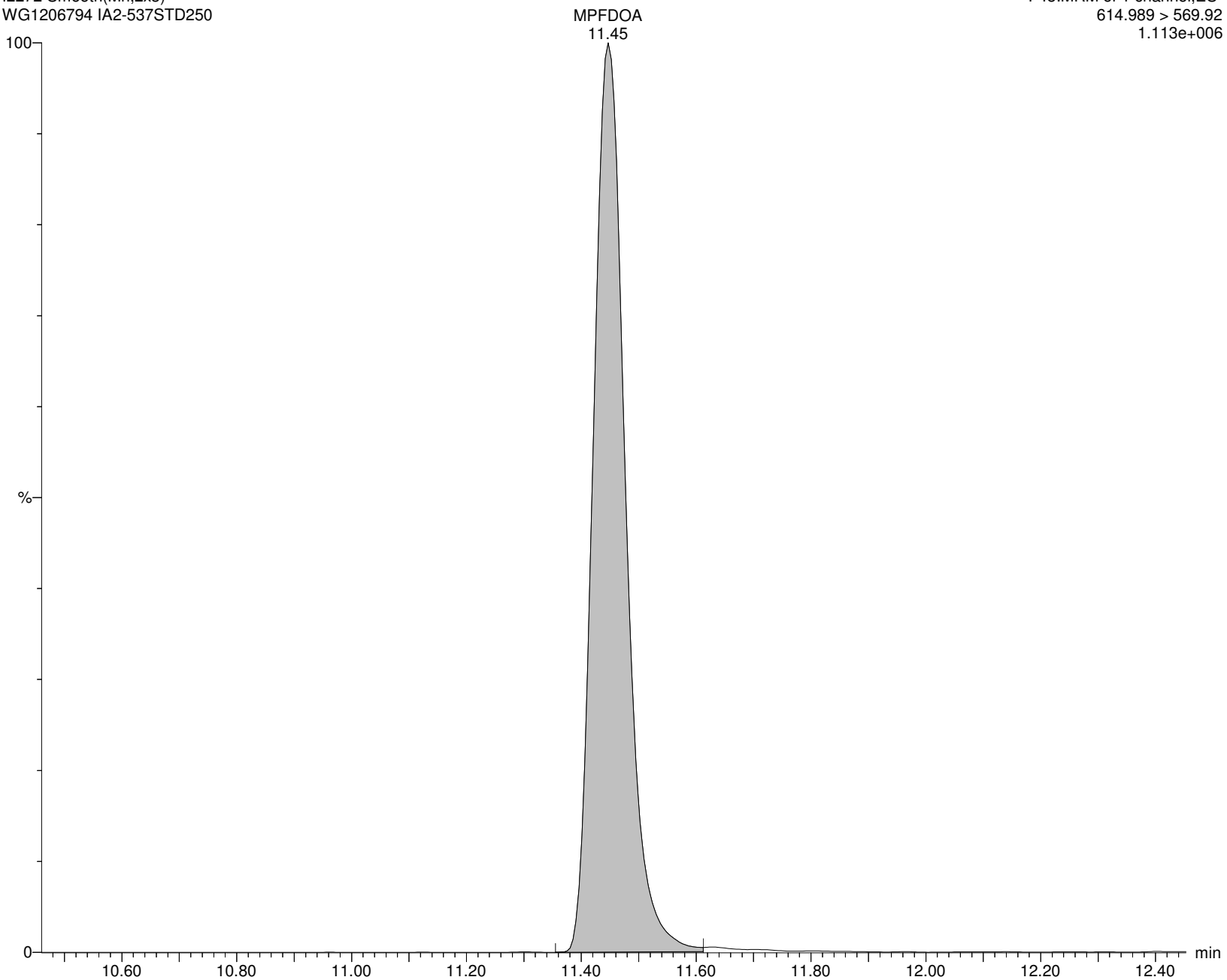
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F48:MRM of 1 channel,ES-

614.989 > 569.92

1.113e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTTrDA

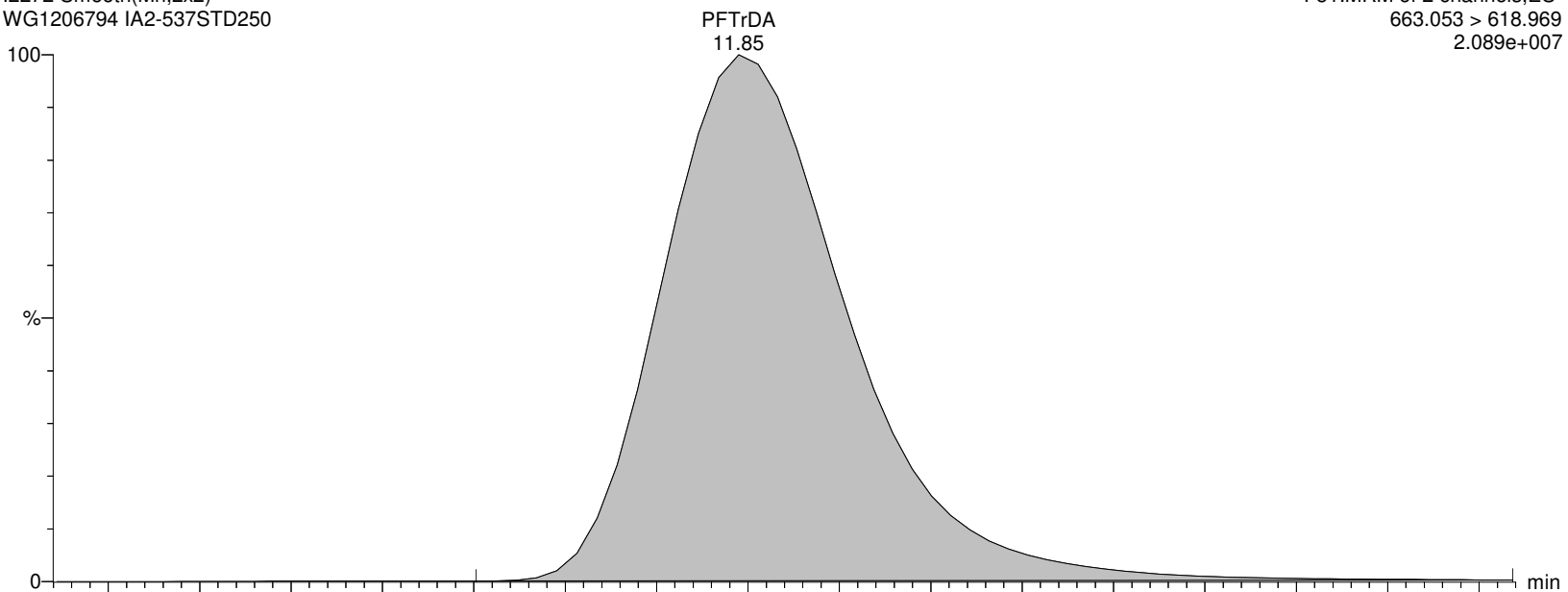
I2272 Smooth(Mn,2x2)

WG1206794 IA2-537STD250

F51:MRM of 2 channels,ES-

663.053 > 618.969

2.089e+007



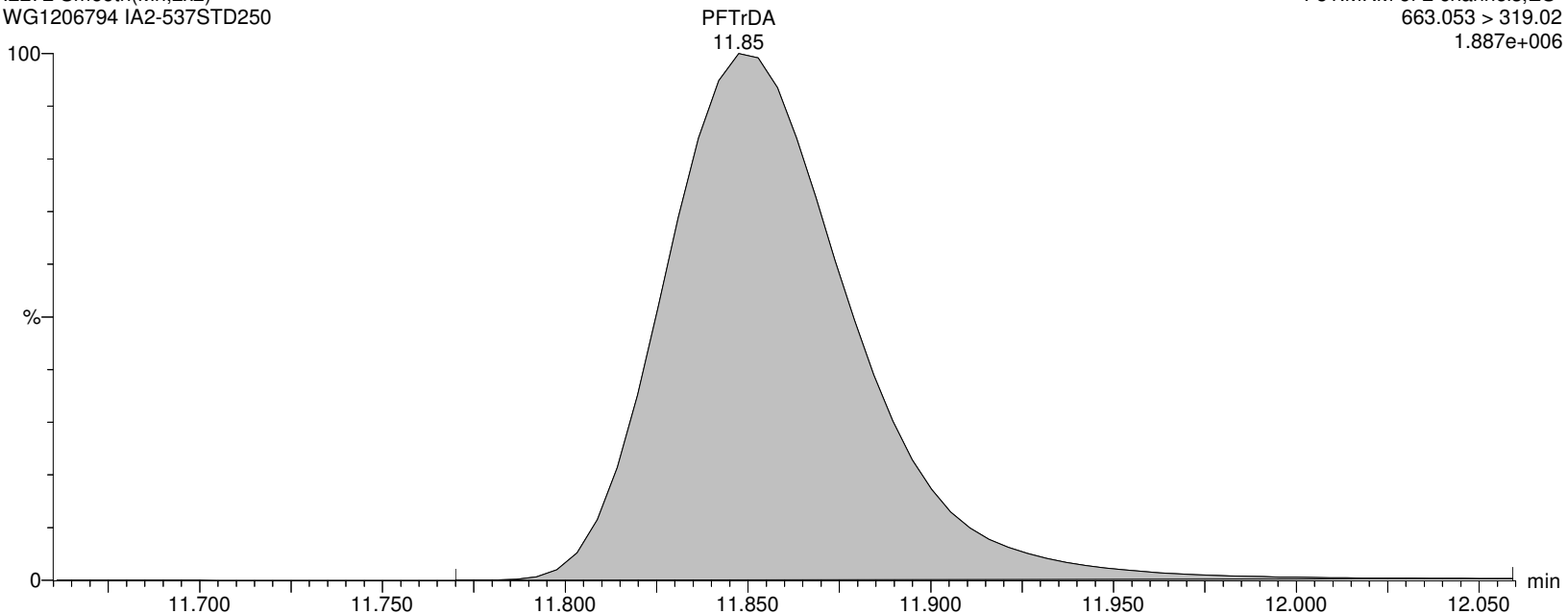
I2272 Smooth(Mn,2x2)

WG1206794 IA2-537STD250

F51:MRM of 2 channels,ES-

663.053 > 319.02

1.887e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTA

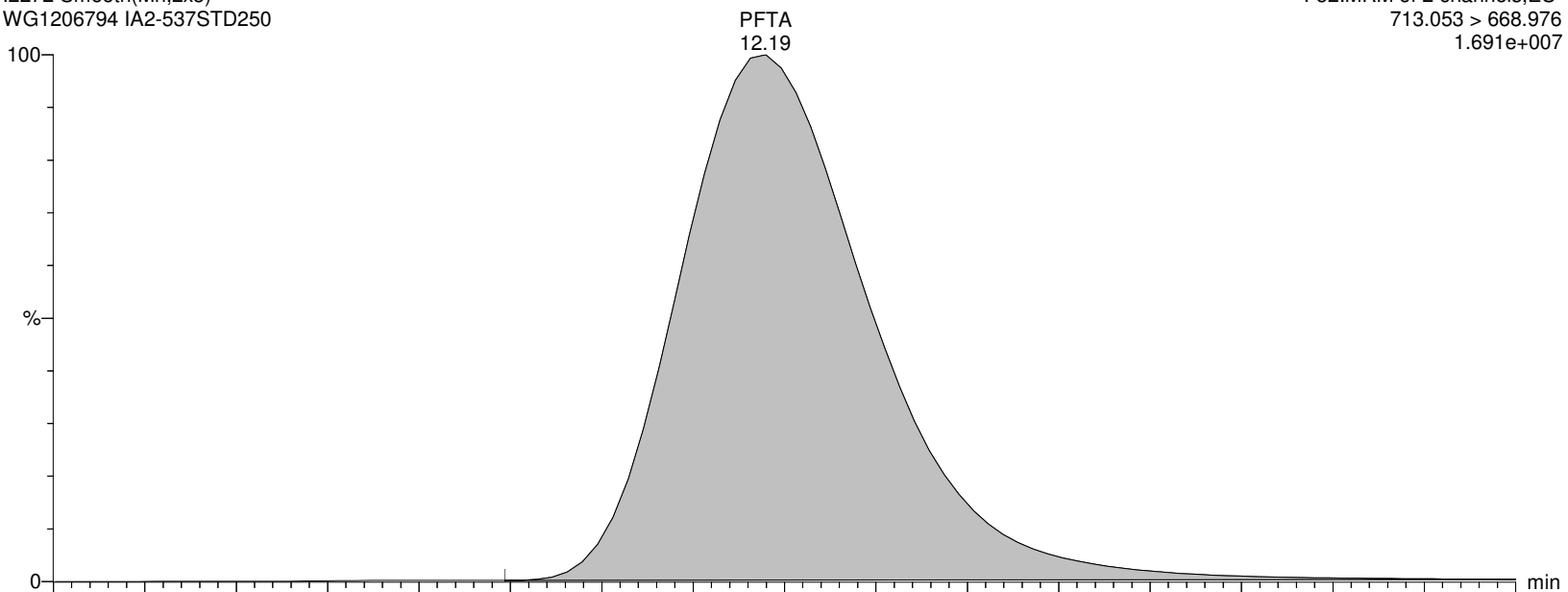
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F52:MRM of 2 channels,ES-

713.053 > 668.976

1.691e+007



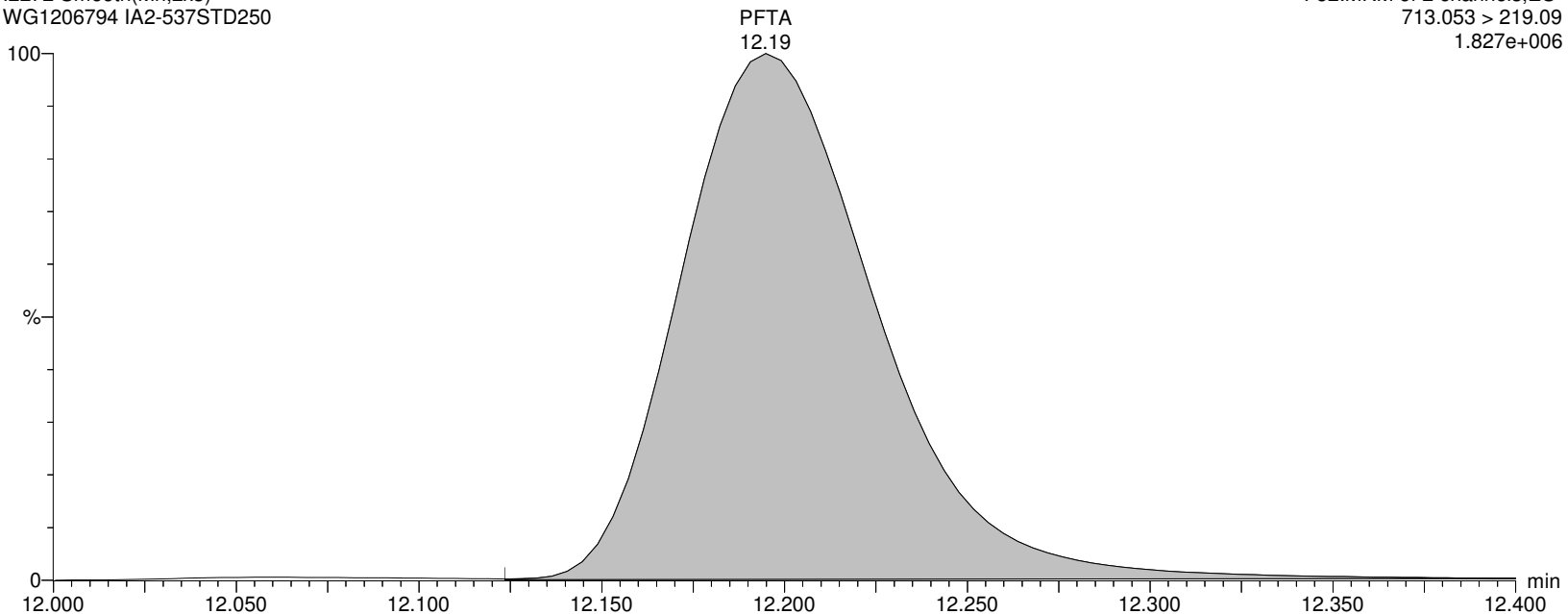
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F52:MRM of 2 channels,ES-

713.053 > 219.09

1.827e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFTEDA

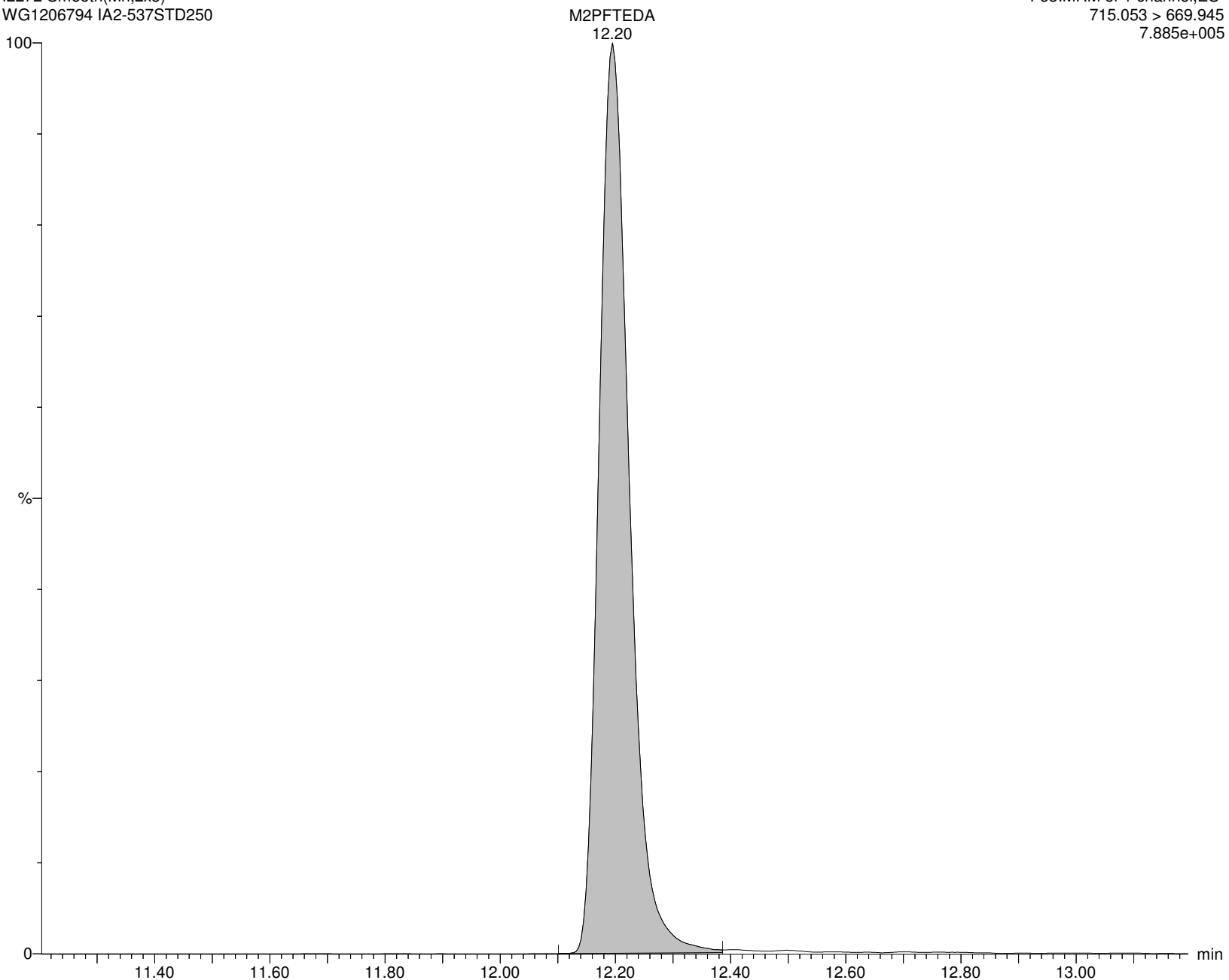
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F53:MRM of 1 channel,ES-

715.053 > 669.945

7.885e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3HFPO-DA

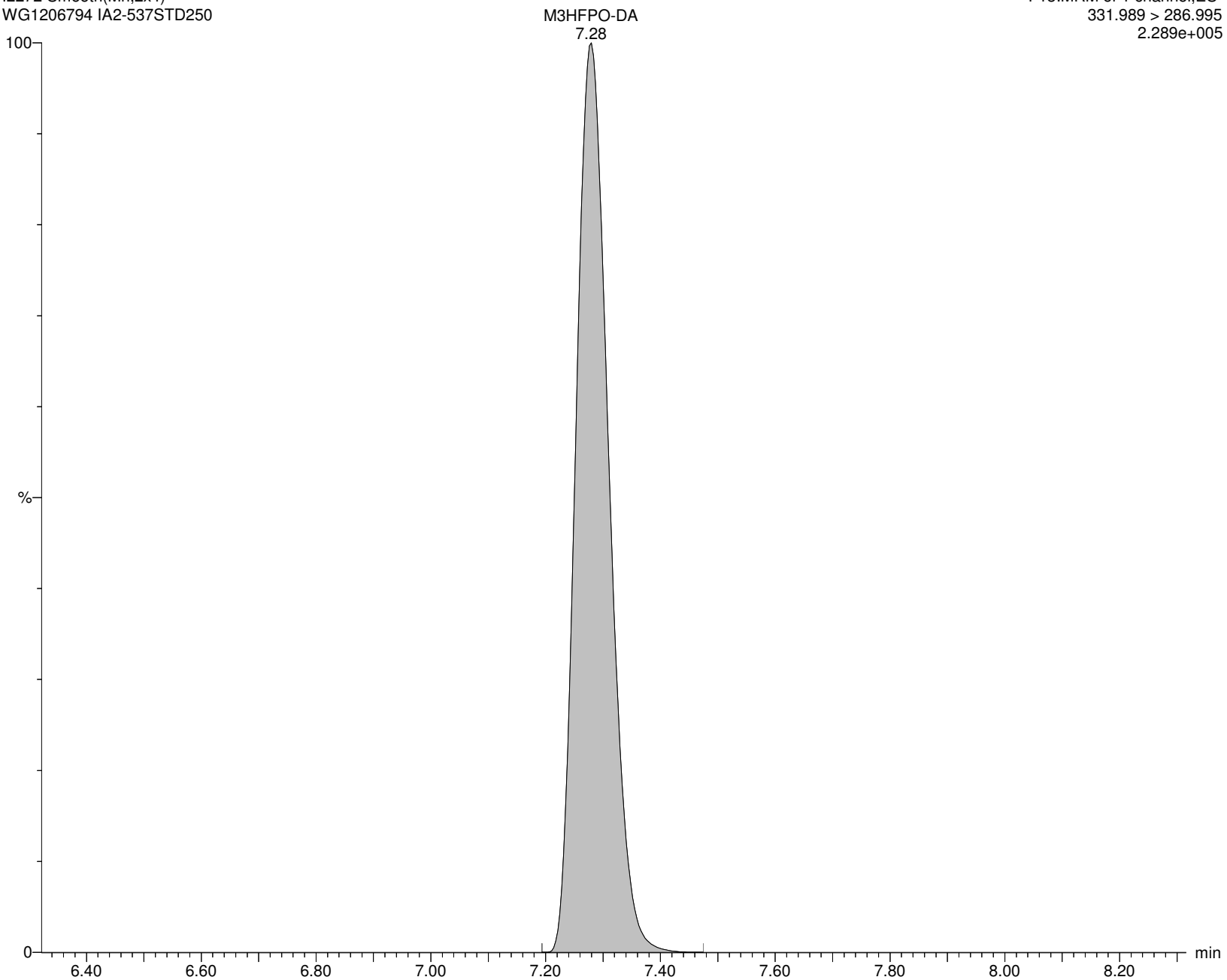
I2272 Smooth(Mn,2x4)

WG1206794 IA2-537STD250

F13:MRM of 1 channel,ES-

331.989 > 286.995

2.289e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

HFPO-DA

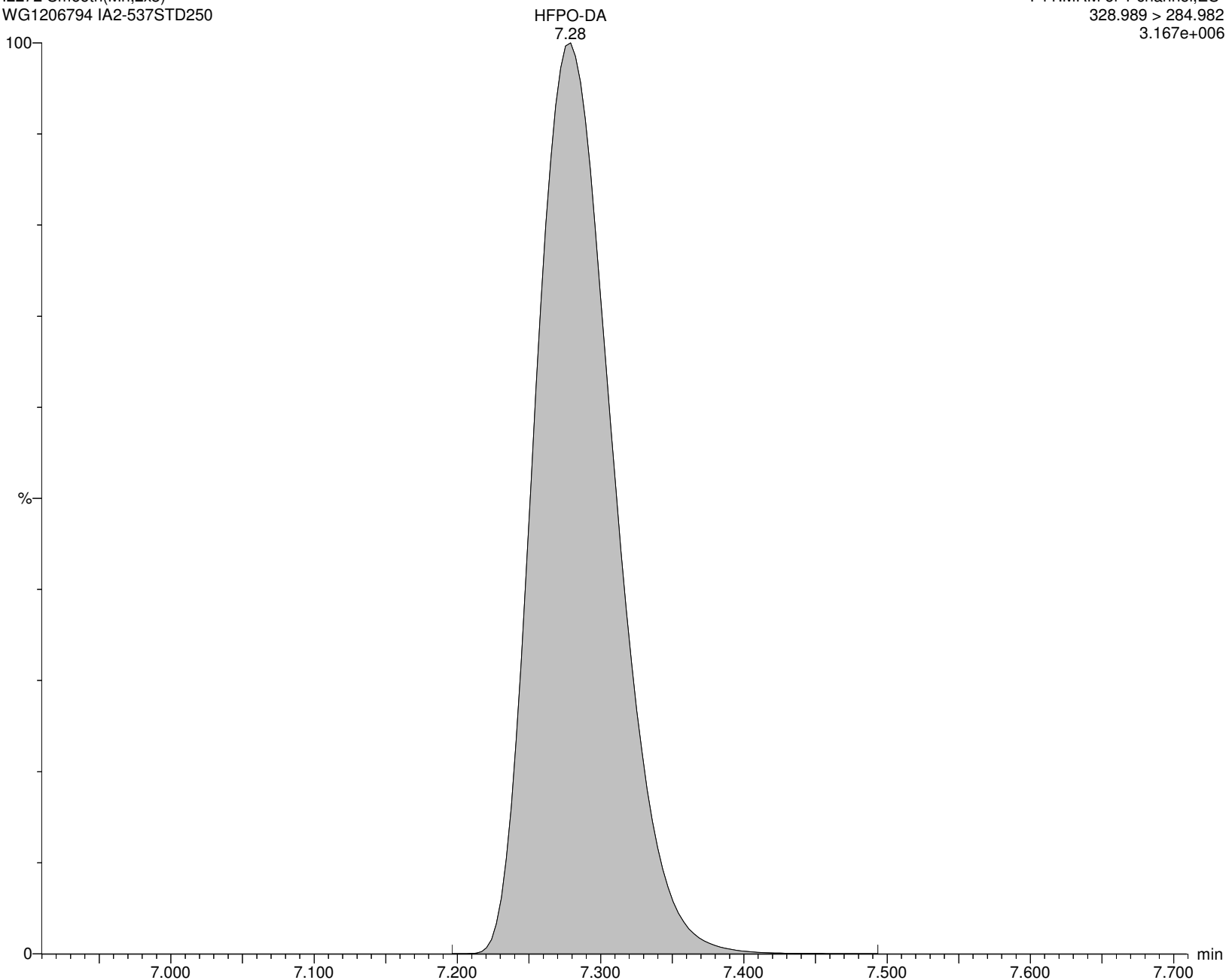
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F11:MRM of 1 channel,ES-

328.989 > 284.982

3.167e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

ADONA

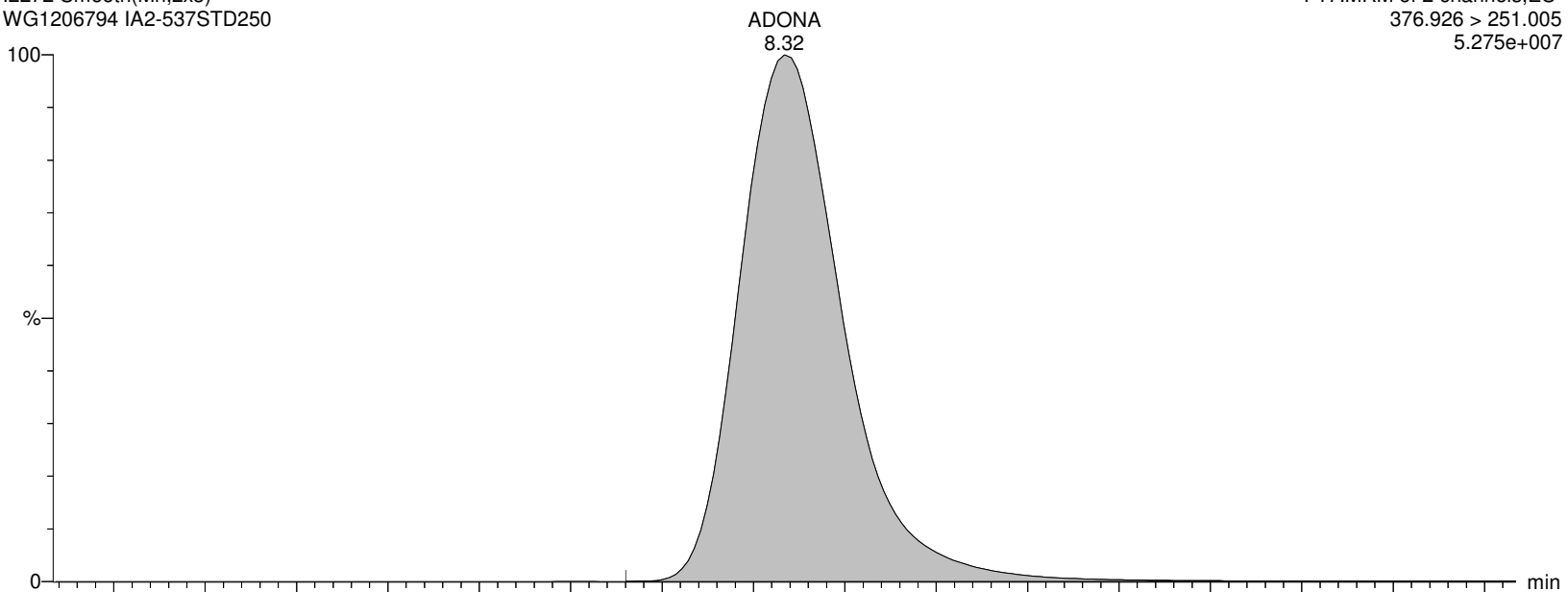
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F17:MRM of 2 channels,ES-

376.926 > 251.005

5.275e+007



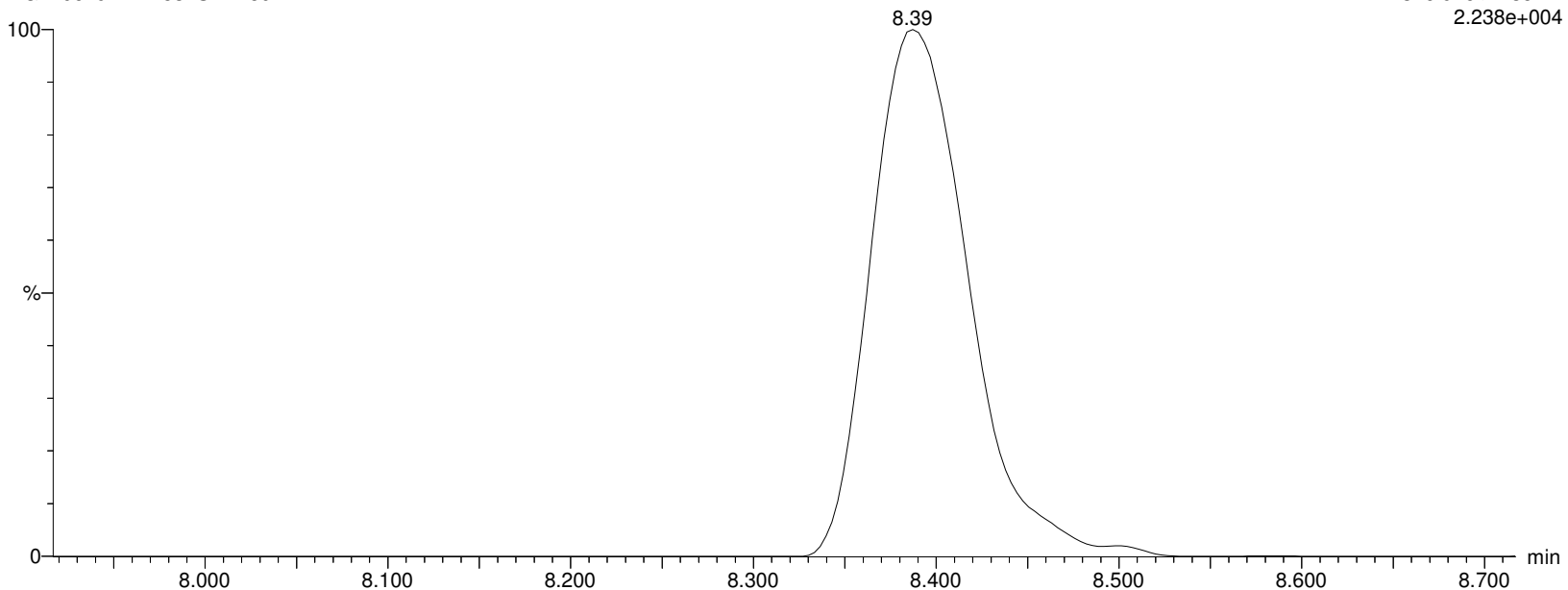
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F17:MRM of 2 channels,ES-

376.926 > 135.12

2.238e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxDA

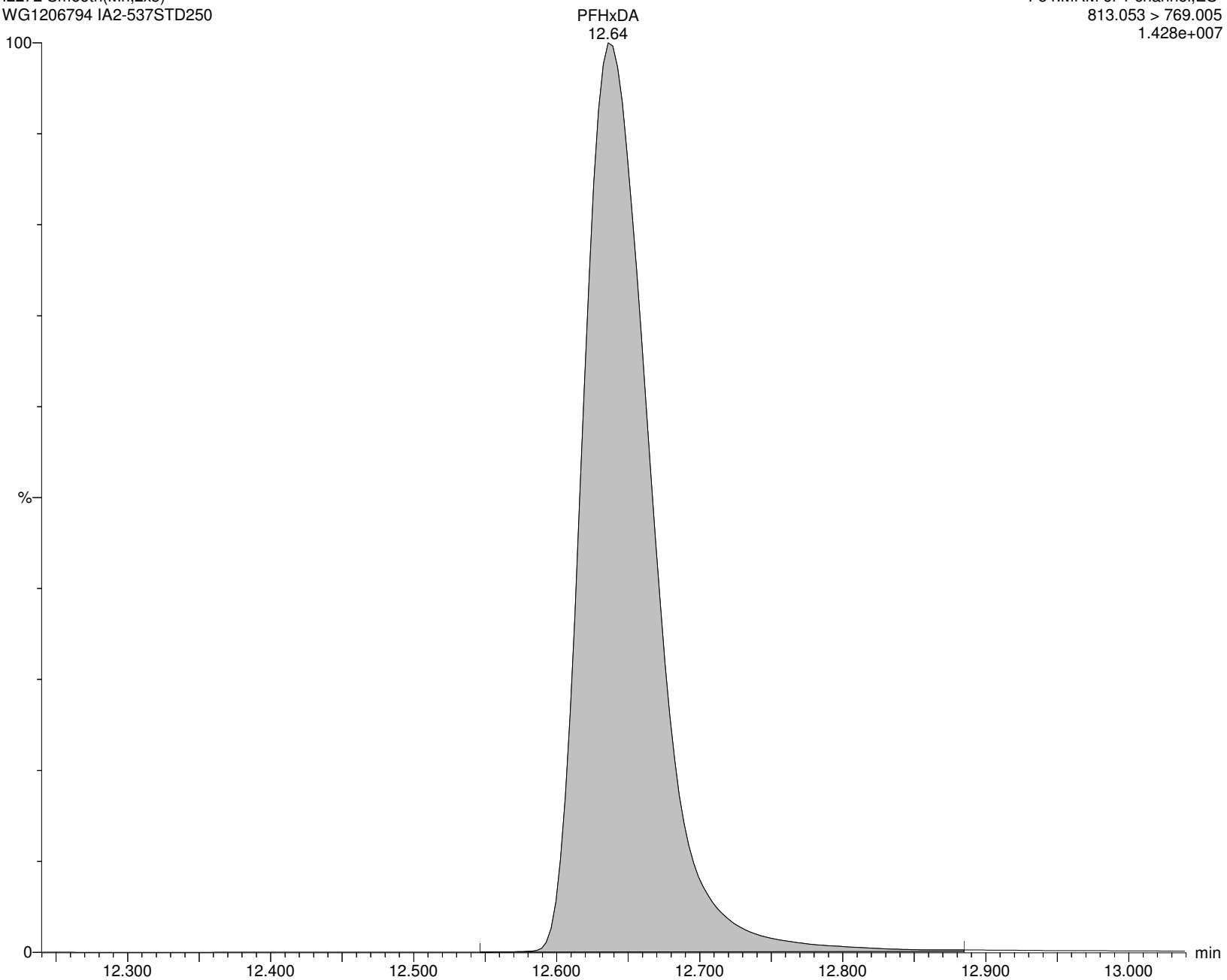
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F54:MRM of 1 channel,ES-

813.053 > 769.005

1.428e+007



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFODA

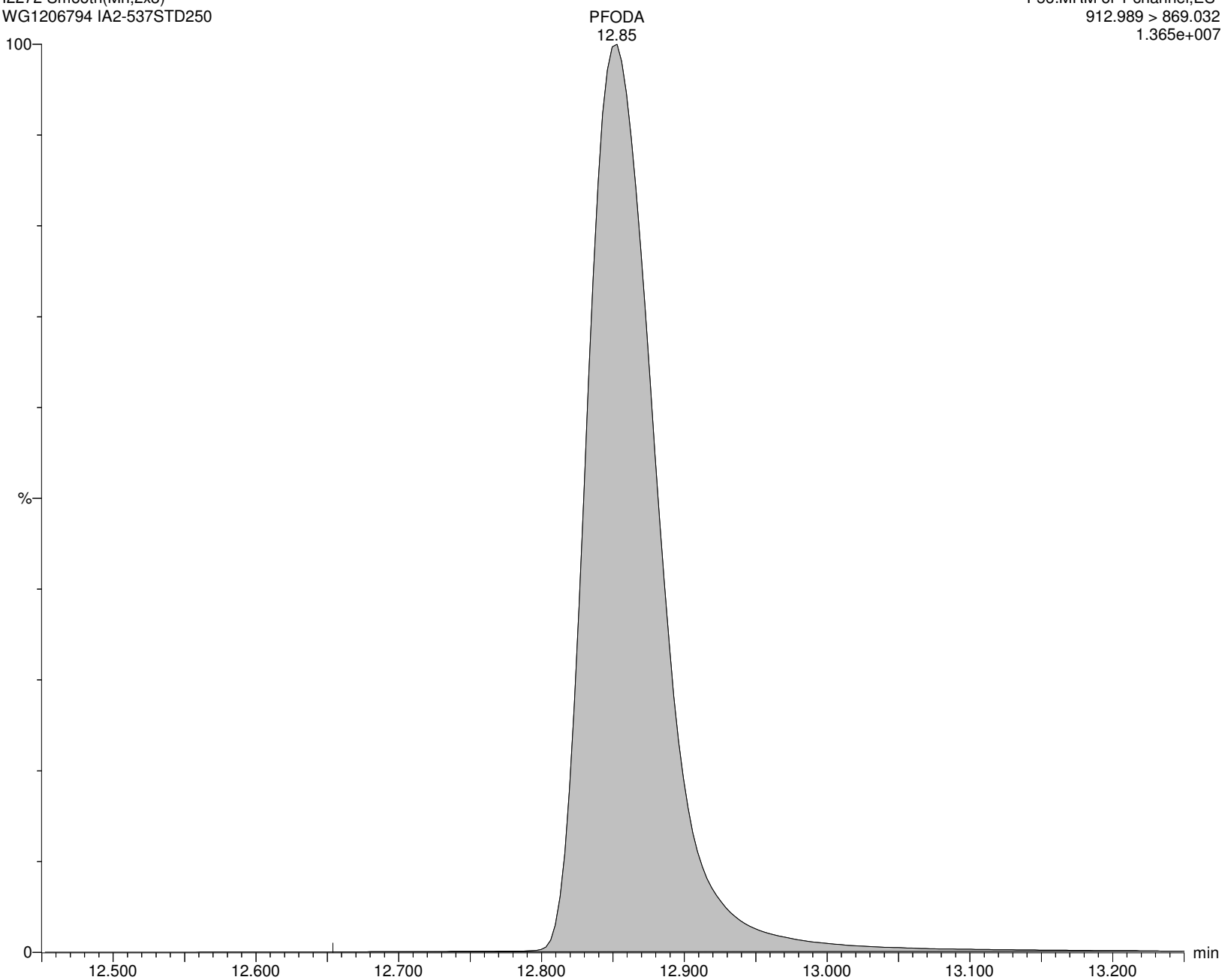
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F56:MRM of 1 channel,ES-

912.989 > 869.032

1.365e+007



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:09 Eastern Standard Time

Name: I2272

ID: IA2-537STD250

Date: 14-Feb-2019

Time: 17:13:23

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,1

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFHxDA

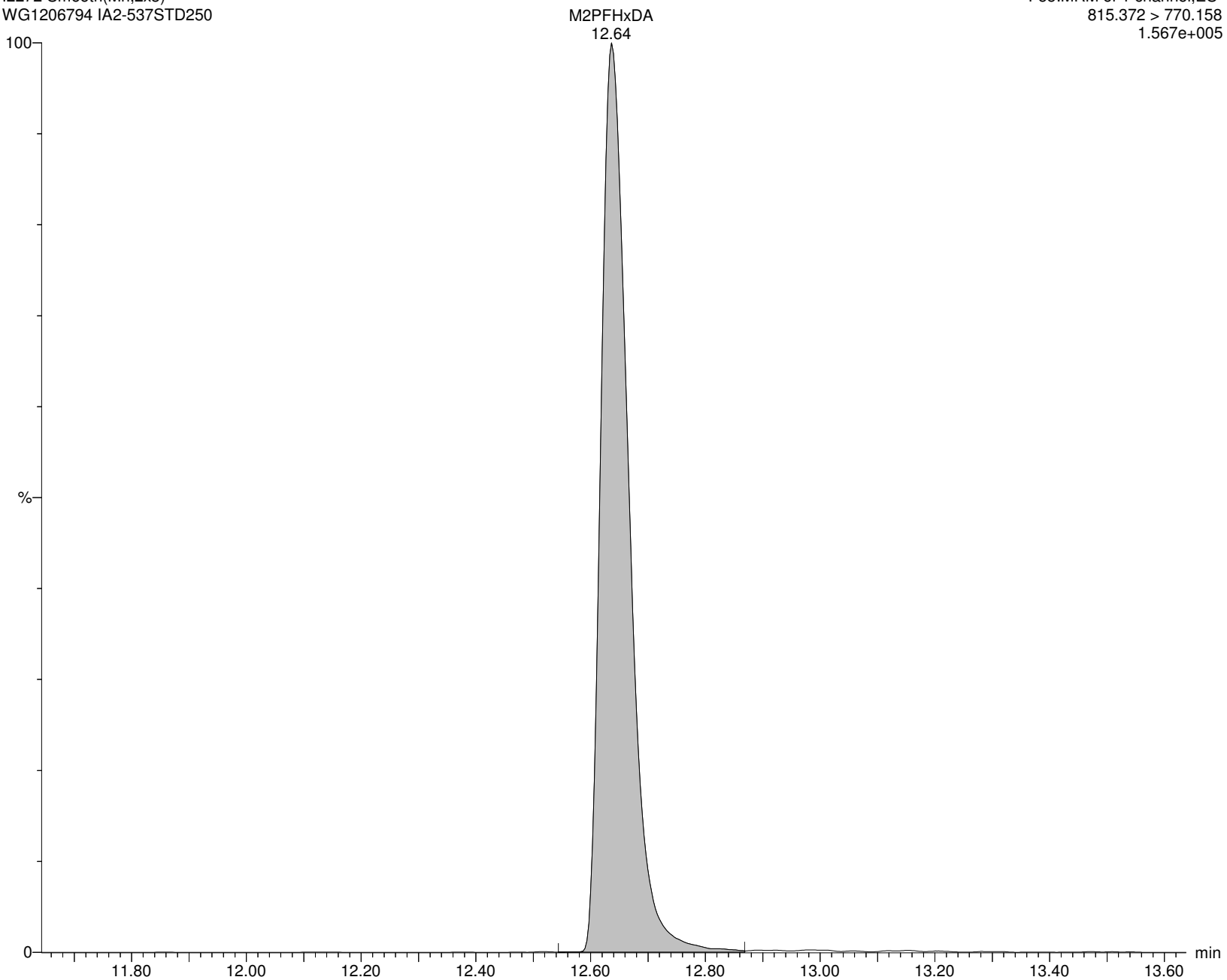
I2272 Smooth(Mn,2x3)

WG1206794 IA2-537STD250

F55:MRM of 1 channel,ES-

815.372 > 770.158

1.567e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Method: C:\MassLynx\Data\2019\190214_537ISO.PRO\MethDB\537ISO_Q.mdb 10 Jan 2019 15:42:15

Calibration: C:\MassLynx\Data\2019\190214_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 07:45:17

ID: IA2-537STD500

Name: I2273

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:PB

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.31	212.926 > 169.111	1888685		492.416		na	98.5
2	M3PFBA	INT STD	2.31	215.926 > 172.122	41465		8.736		na	87.4
3	MPFBA	INT STD	2.31	216.926 > 172.137	44713		9.982		na	99.8
4	PFPeA	2706-90-3	5.04	262.926 > 219.002	2771198		503.991		na	100.8
5	M5PFPEA	INT STD	5.04	267.989 > 223.081	51342		9.214		na	92.1
6	PFBS	375-73-5	5.66	298.989 > 80.295	409048		453.439		na	102.5
7	M3PFBS	INT STD	5.66	301.989 > 80.254	8641		10.615		na	106.2
8	4:2FTS	757124-72-4	6.80	326.926 > 306.957	281808		ND	2.22	YES	
9	M2-4:2FTS	INT STD	6.79	329.117 > 309.079	16805		44.498		na	445.0
10	PFHxA	307-24-4	6.88	312.989 > 269.028	3341356		502.299	17.60	NO	100.5
11	M5PFHxA	INT STD	6.88	317.989 > 273.045	65693		9.613		na	96.1
12	PFPeS	2706-91-4	7.17	348.926 > 80.251	399042		472.036	2.00	NO	100.4
13	PFHpA	375-85-9	8.14	362.926 > 319.014	4294356		504.622	5.51	NO	100.9
14	M4PFHpA	INT STD	8.14	366.926 > 321.979	85005		9.629		na	96.3
15	br-PFHxS	355-46-4	8.06	398.926 > 80.295	93149		84.836	1.98	YES	99.8
16	L-PFHxS	355-46-4	8.29	398.926 > 80.295	300098		375.372	1.47	NO	101.5
17	PFHxS	355-46-4		398.926 > 80.295	393248		460.208		na	
18	M3PFHxS	INT STD	8.29	401.926 > 80.317	5776		10.024		na	100.2
19	br-PFOA	335-67-1		412.989 > 368.9			ND		YES	
20	L-PFOA	335-67-1	9.07	412.989 > 368.9	4111926		504.891	9.92	NO	101.0
21	M2PFOA	INT STD	9.07	415.032 > 369.968	82194		8.299		na	83.0
22	PFOA	335-67-1		412.989 > 368.9	4111926		504.891		na	
23	M8PFOA	INT STD	9.07	420.989 > 375.979	76173		9.649		na	96.5
24	6:2FTS	27619-97-2	9.03	426.989 > 406.921	205151		ND		na	
25	M2-6:2FTS	INT STD	9.02	428.989 > 408.917	14779		38.961		na	389.6
26	PFHpS	375-92-8	9.16	448.926 > 80.257	223294		480.366	0.96	YES	101.1
27	PFNA	375-95-1	9.82	462.989 > 418.931	3343106		507.098	4.74	NO	101.4
28	M9PFNA	INT STD	9.82	472.053 > 426.947	71254		9.492		na	94.9
29	br-PFOS	1763-23-1	9.68	498.989 > 80.294	134602		99.735	4.03	NO	99.7
30	L-PFOS	1763-23-1	9.87	498.989 > 80.294	289964		374.255	1.70	NO	102.5
31	PFOS	1763-23-1		498.989 > 80.294	424566		473.991		na	
32	M4PFOS	INT STD	9.87	503.032 > 80.306	6545		7.078		na	70.8
33	M8PFOS	INT STD	9.87	507.053 > 80.294	6772		10.291		na	102.9
34	PFDA	335-76-2	10.44	513.053 > 468.906	2740682		514.221	6.52	NO	102.8
35	M2PFDA	INT STD	10.44	515.053 > 469.934	56685		7.515		na	75.1
36	M6PFDA	INT STD	10.44	519.053 > 473.931	57484		9.475		na	94.7
37	8:2FTS	39108-34-4	10.43	526.989 > 506.946	131059		ND		na	
38	M2-8:2FTS	INT STD	10.43	529.053 > 508.945	7494		35.893		na	358.9
39	PFNS	68259-12-1	10.47	548.989 > 80.249	272947		469.548	1.39	NO	97.8

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

ID: IA2-537STD500

Name: I2273

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:PB

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.83	573.096 > 418.987	7706		13.357		na	133.6
41	NMeFOSAA	2355-31-9	10.84	570.053 > 418.917	390841		490.576		na	98.1
42	PfUnA	2058-94-8	10.97	562.989 > 518.903	2574556		502.355	7.82	NO	100.5
43	M7-PFUDA	INT STD	10.97	570.053 > 524.923	47194		9.275		na	92.8
44	PFDS	335-77-3	10.99	598.926 > 80.314	251897		463.418	1.31	YES	96.0
45	FOSA	754-91-6	10.93	497.989 > 78.245	1015218		504.076		na	100.8
46	M8FOSA	INT STD	10.93	506.053 > 78.286	19538		10.254		na	102.5
47	d5-NEtFOSAA	INT STD	11.12	589.117 > 418.929	6826		13.076		na	130.8
48	NEtFOSAA	2991-50-6	11.13	583.989 > 418.927	369416		499.859	2.63	YES	100.0
49	PFDoA	307-55-1	11.44	612.989 > 568.967	2965898		498.413	14.00	NO	99.7
50	MPFDOA	INT STD	11.45	614.989 > 569.92	65435		11.208		na	112.1
51	PFTTrDA	72629-94-8	11.85	663.053 > 618.969	2257761		505.266	11.02	NO	101.1
52	PFTA	376-06-7	12.19	713.053 > 668.976	1890017		492.416	9.10	NO	98.5
53	M2PFTEDA	INT STD	12.19	715.053 > 669.945	45383		11.675		na	116.7
54	M3HFPO-DA	INT STD	7.26	331.989 > 286.995	15624		398.658		na	199.3
55	HFPO-DA	13252-13-6	7.26	328.989 > 284.982	445175		10354.794		na	103.5
56	ADONA	958445-44-8	8.32	376.926 > 251.005	6148208		473.861		YES	100.2
57	PFHxDA		12.64	813.053 > 769.005	1384263		498.298		na	99.7
58	PFODA		12.85	912.989 > 869.032	1449564		499.270		na	99.9
59	M2PFHxDA		12.64	815.372 > 770.158	8710		11.720		na	117.2

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Method: C:\MassLynx\Data\2019\190214_537ISO.PRO\MethDB\537ISO_Q.mdb 10 Jan 2019 15:42:15

Calibration: C:\MassLynx\Data\2019\190214_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 07:45:17

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBA

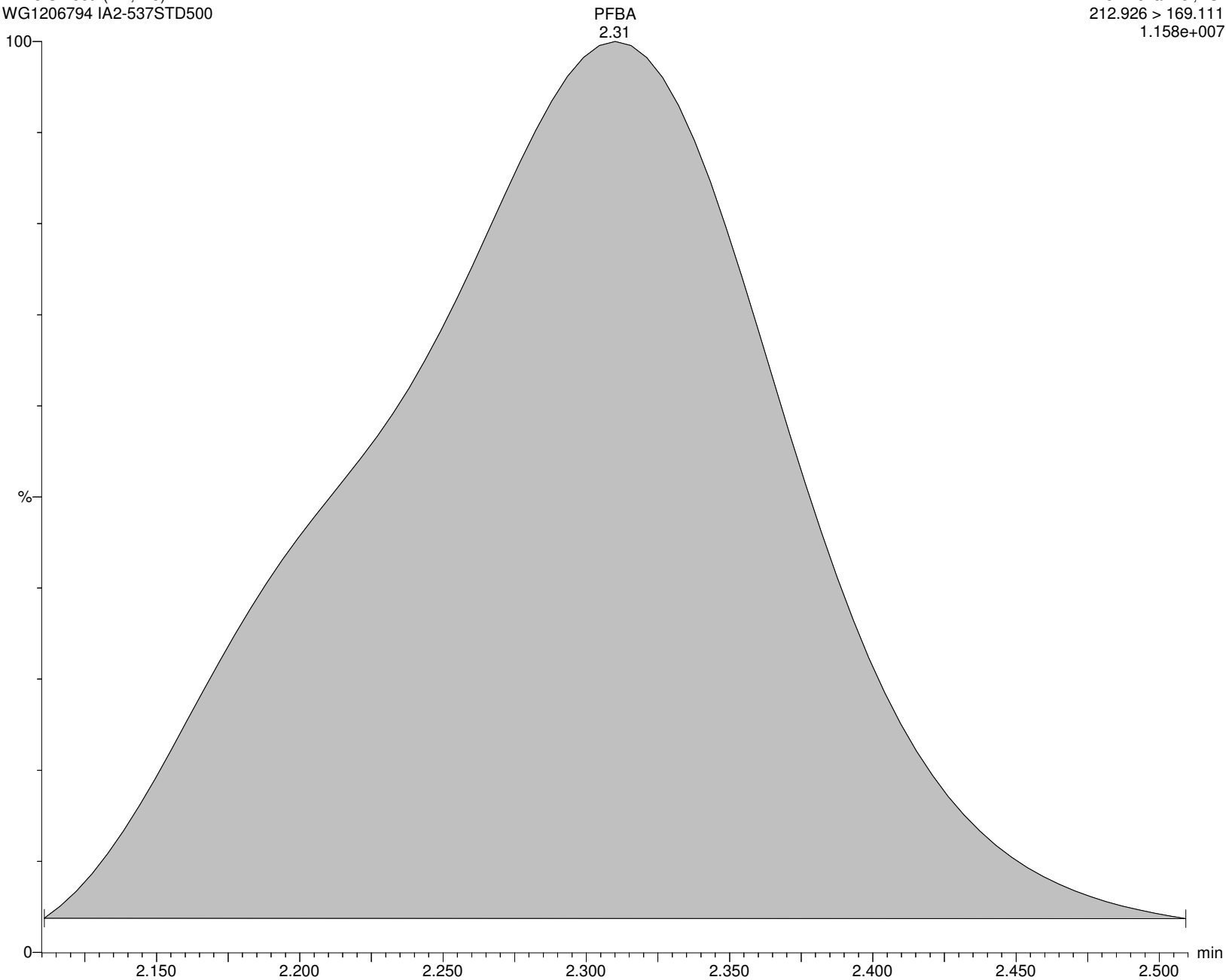
I2273 Smooth(Mn,2x5)

WG1206794 IA2-537STD500

F1:MRM of 1 channel,ES-

212.926 > 169.111

1.158e+007



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBA

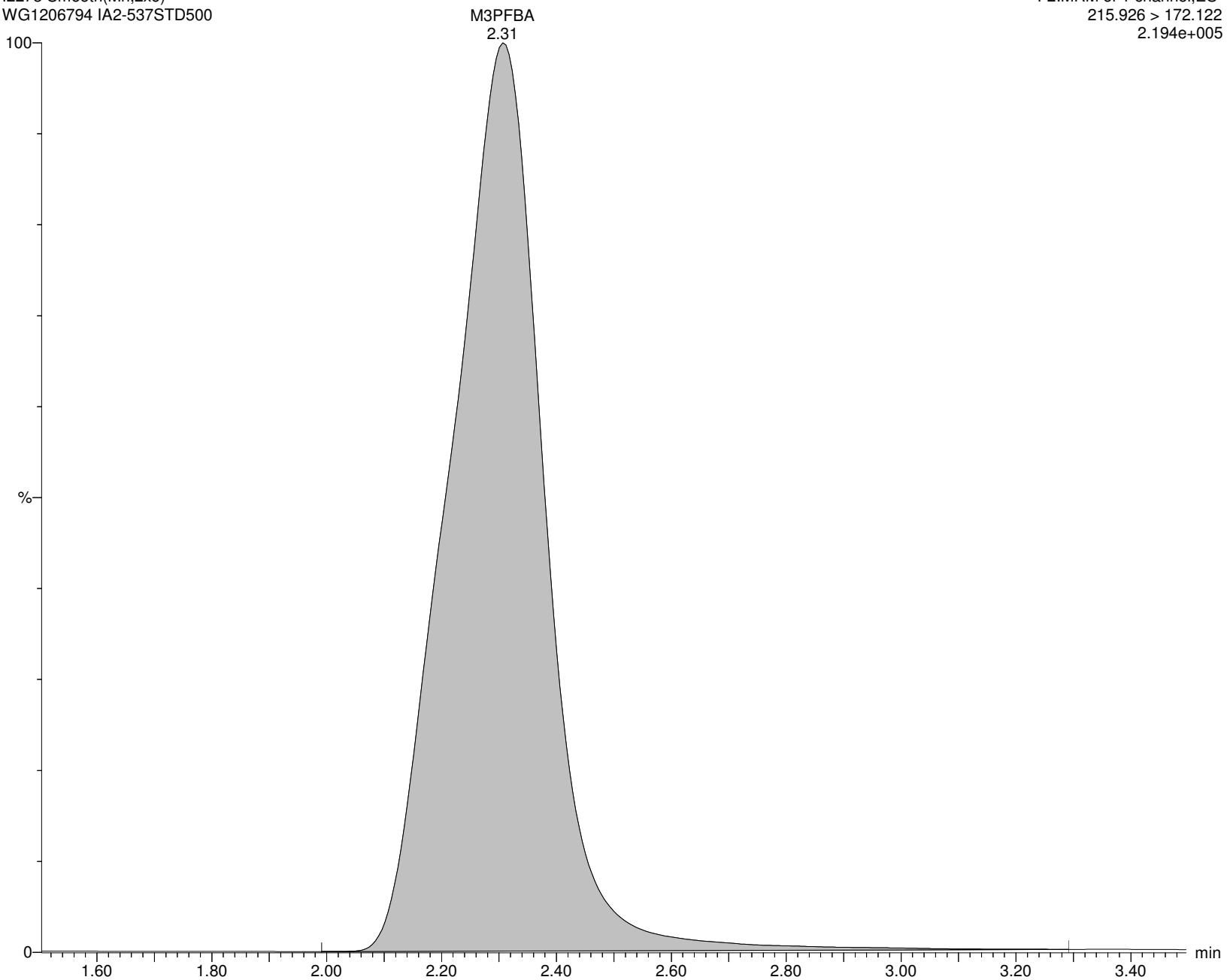
I2273 Smooth(Mn,2x6)

WG1206794 IA2-537STD500

F2:MRM of 1 channel,ES-

215.926 > 172.122

2.194e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFBA

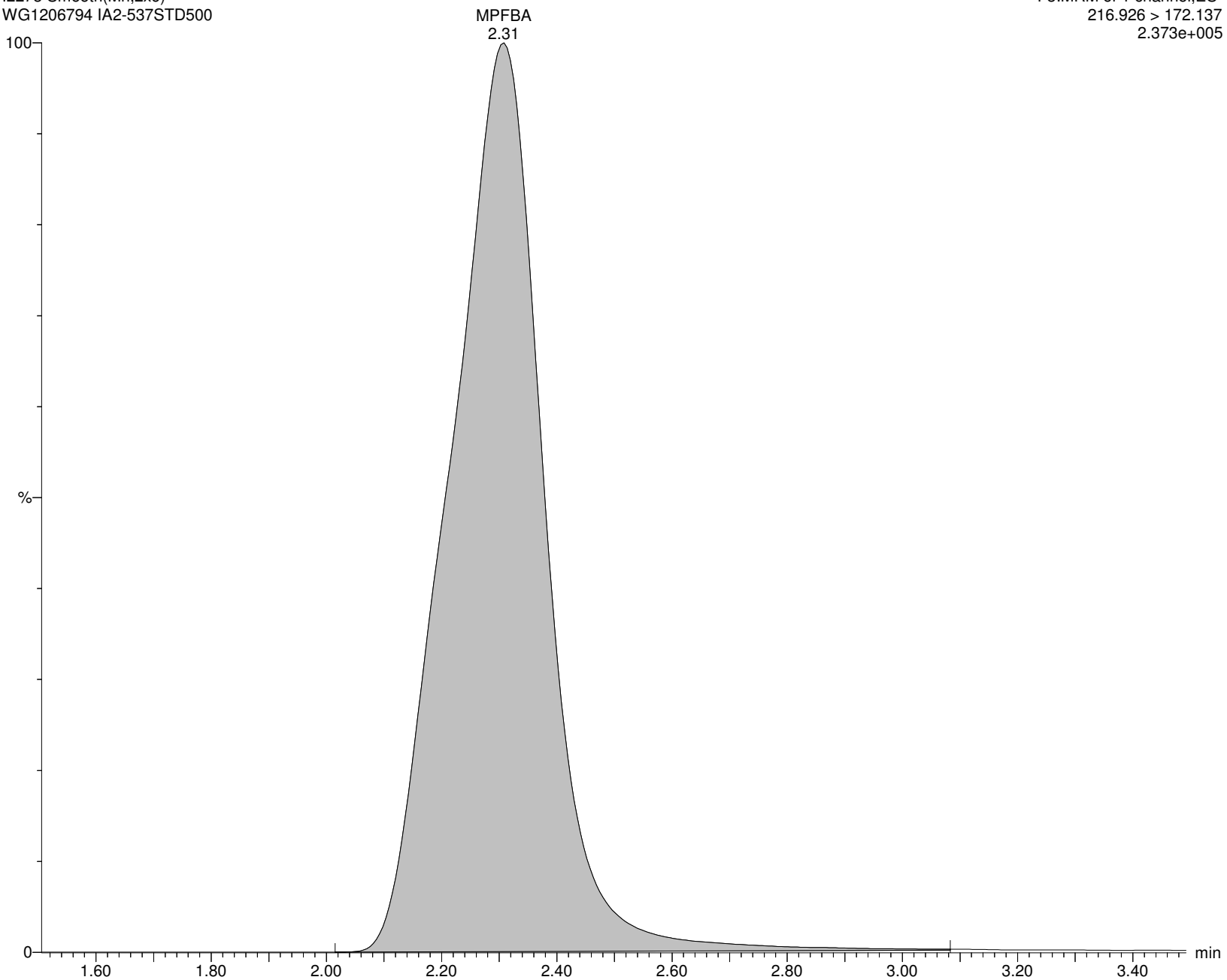
I2273 Smooth(Mn,2x6)

WG1206794 IA2-537STD500

F3:MRM of 1 channel,ES-

216.926 > 172.137

2.373e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeA

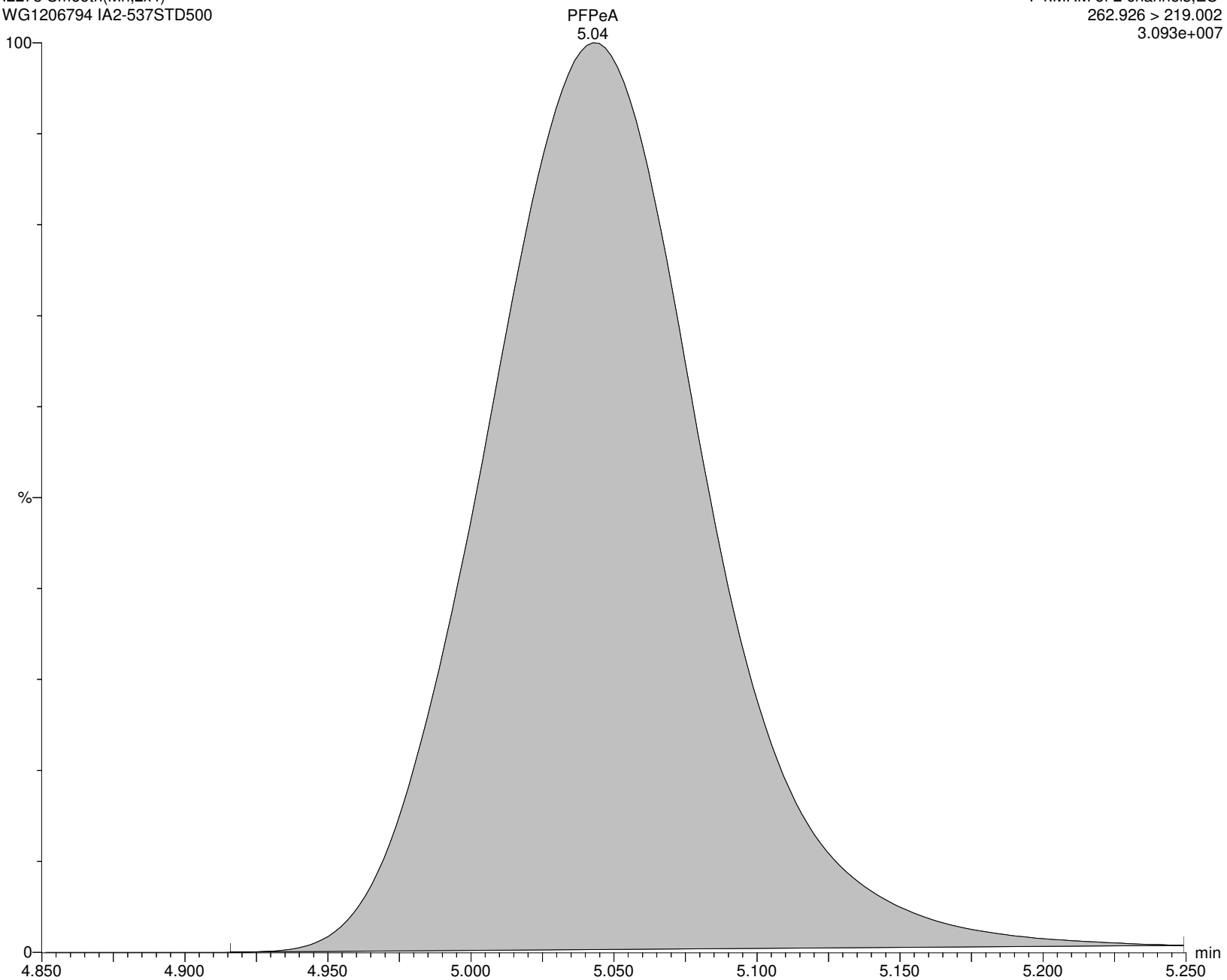
I2273 Smooth(Mn,2x4)

WG1206794 IA2-537STD500

F4:MRM of 2 channels,ES-

262.926 > 219.002

3.093e+007



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFPEA

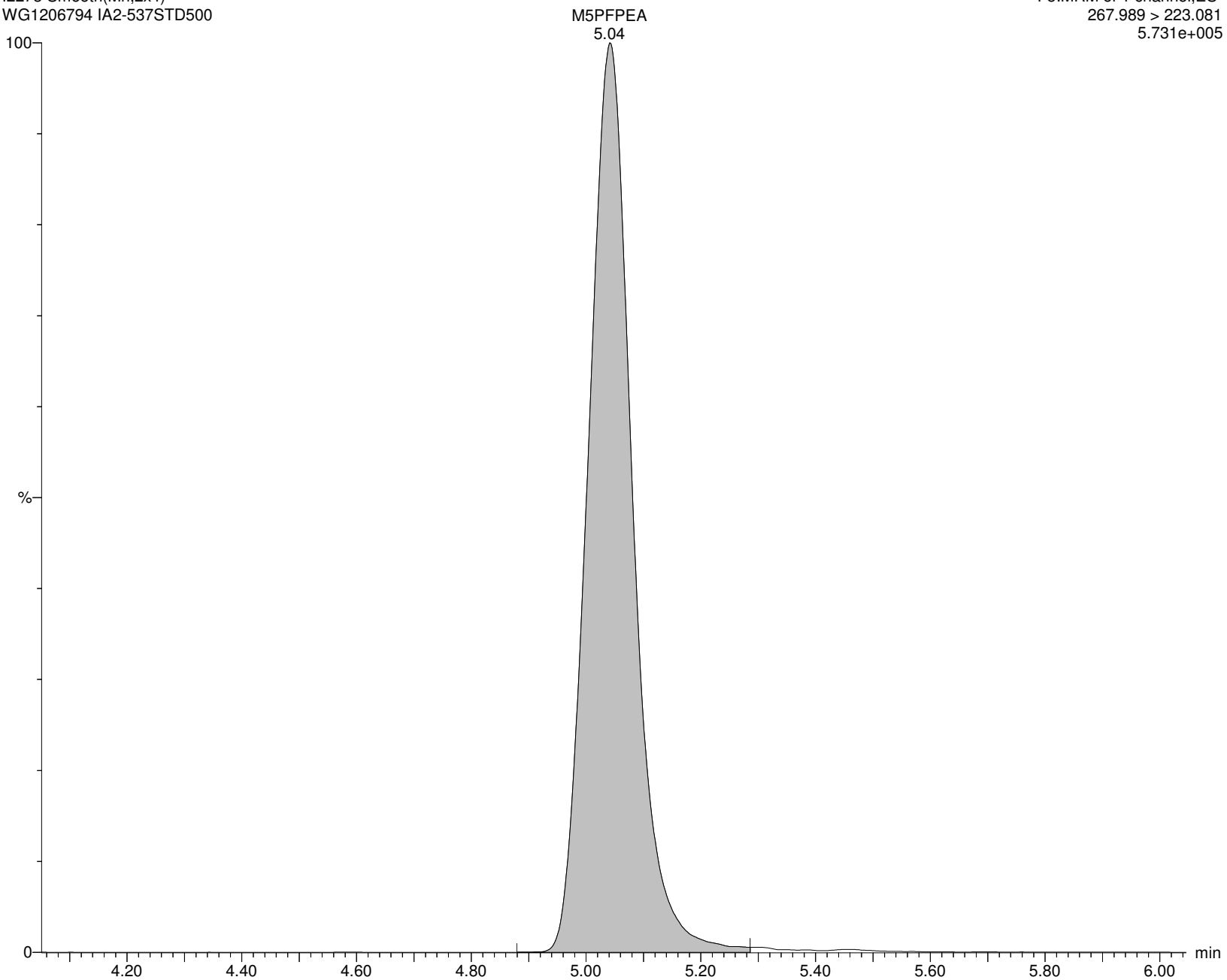
I2273 Smooth(Mn,2x4)

WG1206794 IA2-537STD500

F5:MRM of 1 channel,ES-

267.989 > 223.081

5.731e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBS

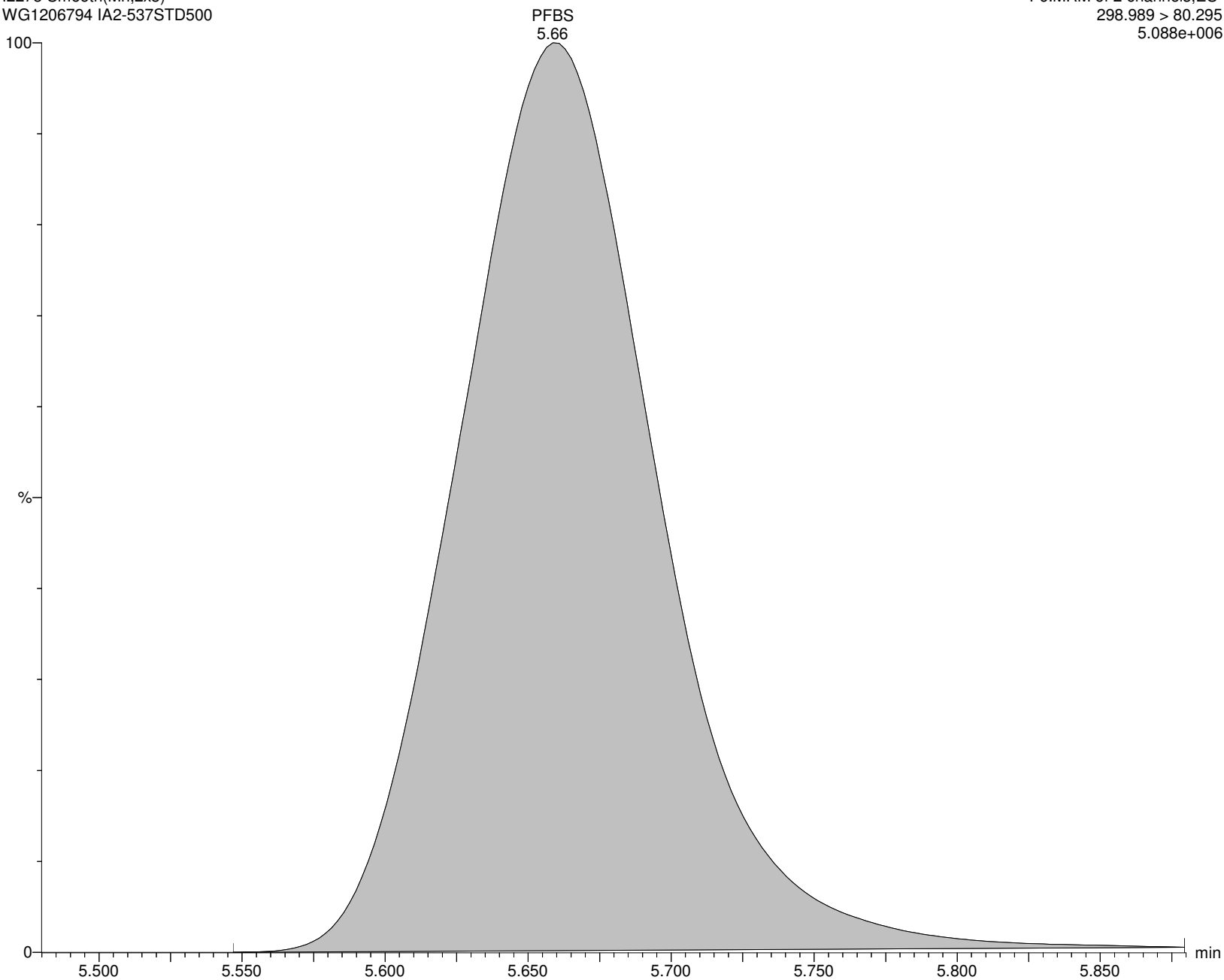
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F6:MRM of 2 channels,ES-

298.989 > 80.295

5.088e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBS

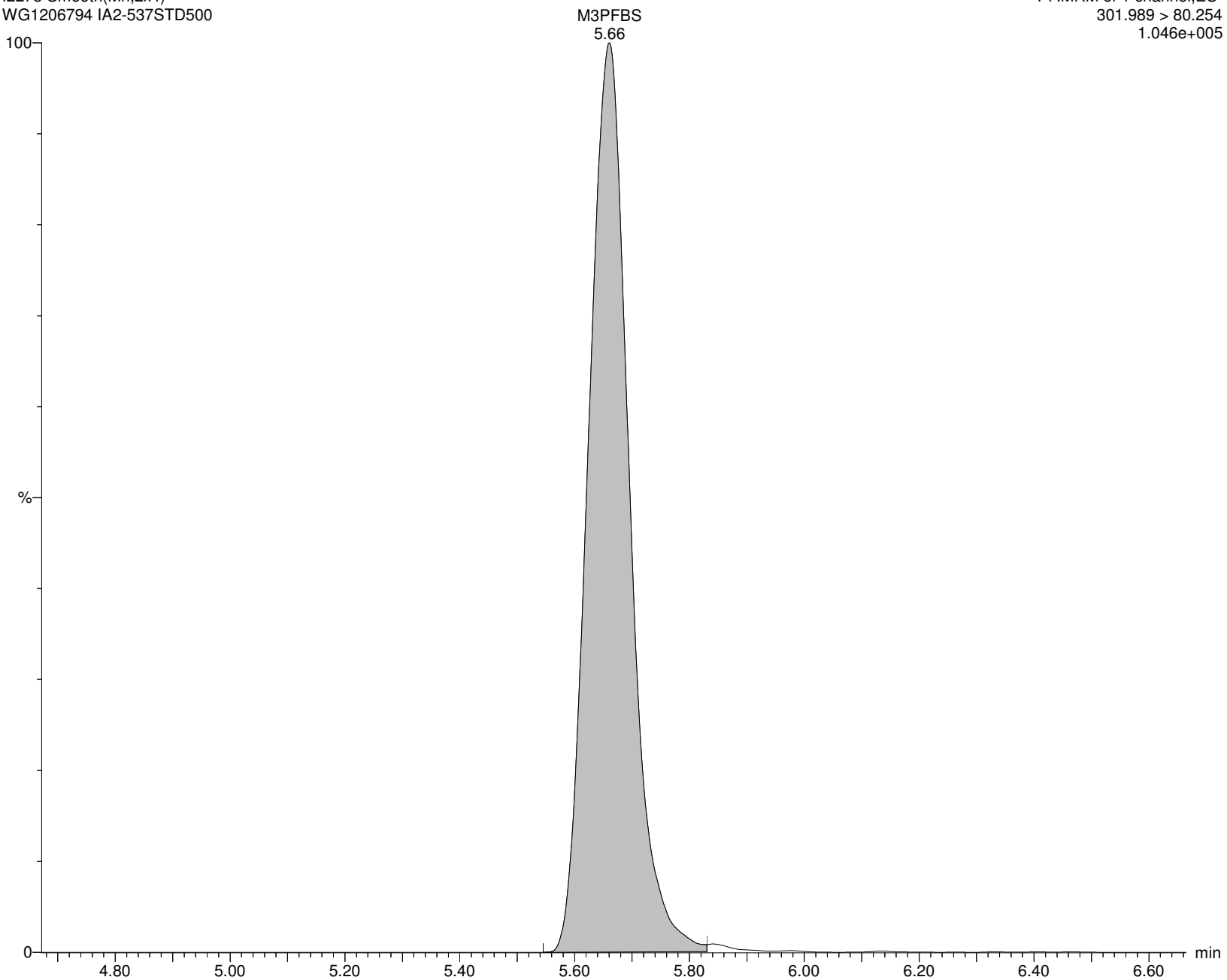
I2273 Smooth(Mn,2x4)

WG1206794 IA2-537STD500

F7:MRM of 1 channel,ES-

301.989 > 80.254

1.046e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

4:2FTS

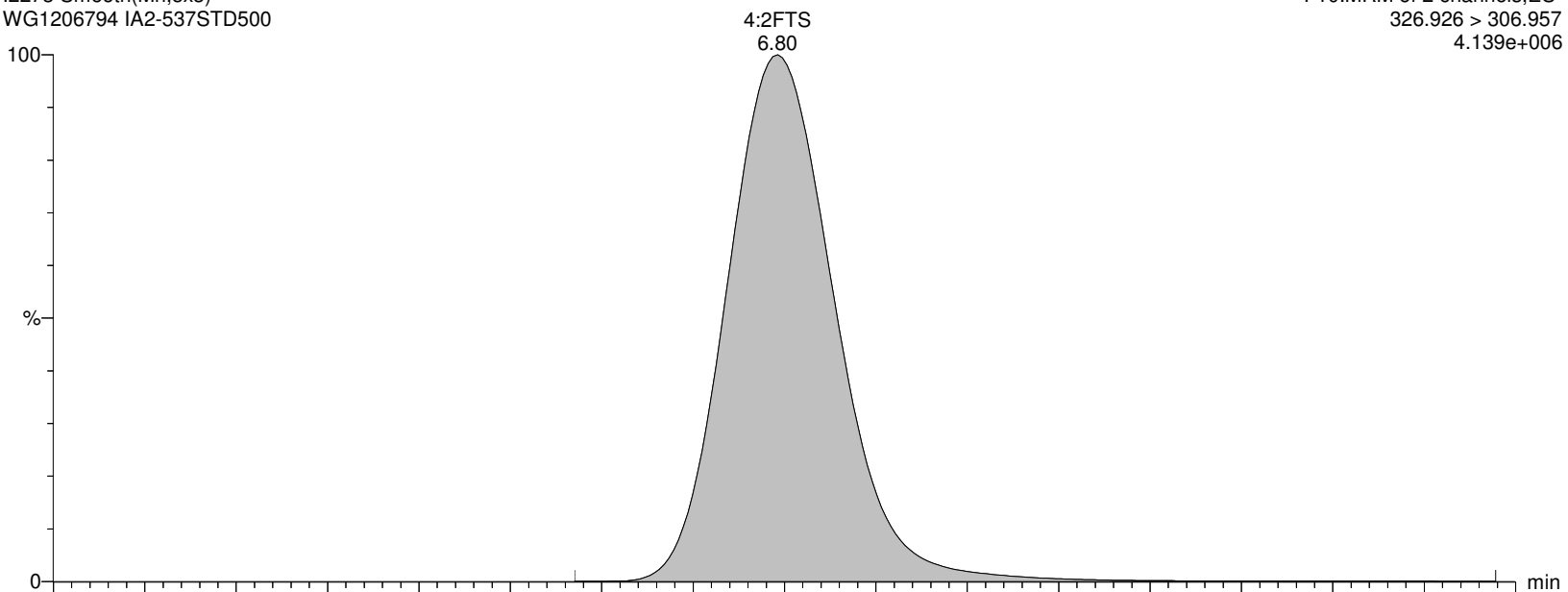
I2273 Smooth(Mn,5x3)

WG1206794 IA2-537STD500

F10:MRM of 2 channels,ES-

326.926 > 306.957

4.139e+006



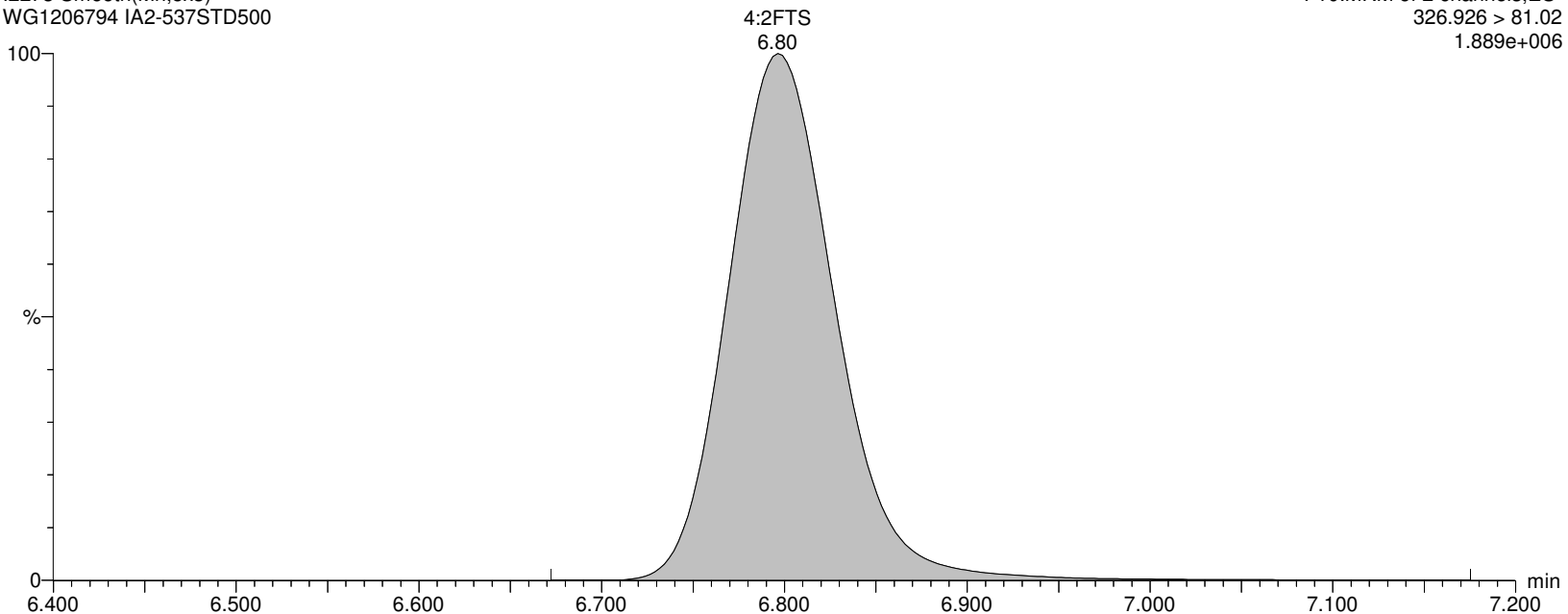
I2273 Smooth(Mn,5x3)

WG1206794 IA2-537STD500

F10:MRM of 2 channels,ES-

326.926 > 81.02

1.889e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-4:2FTS

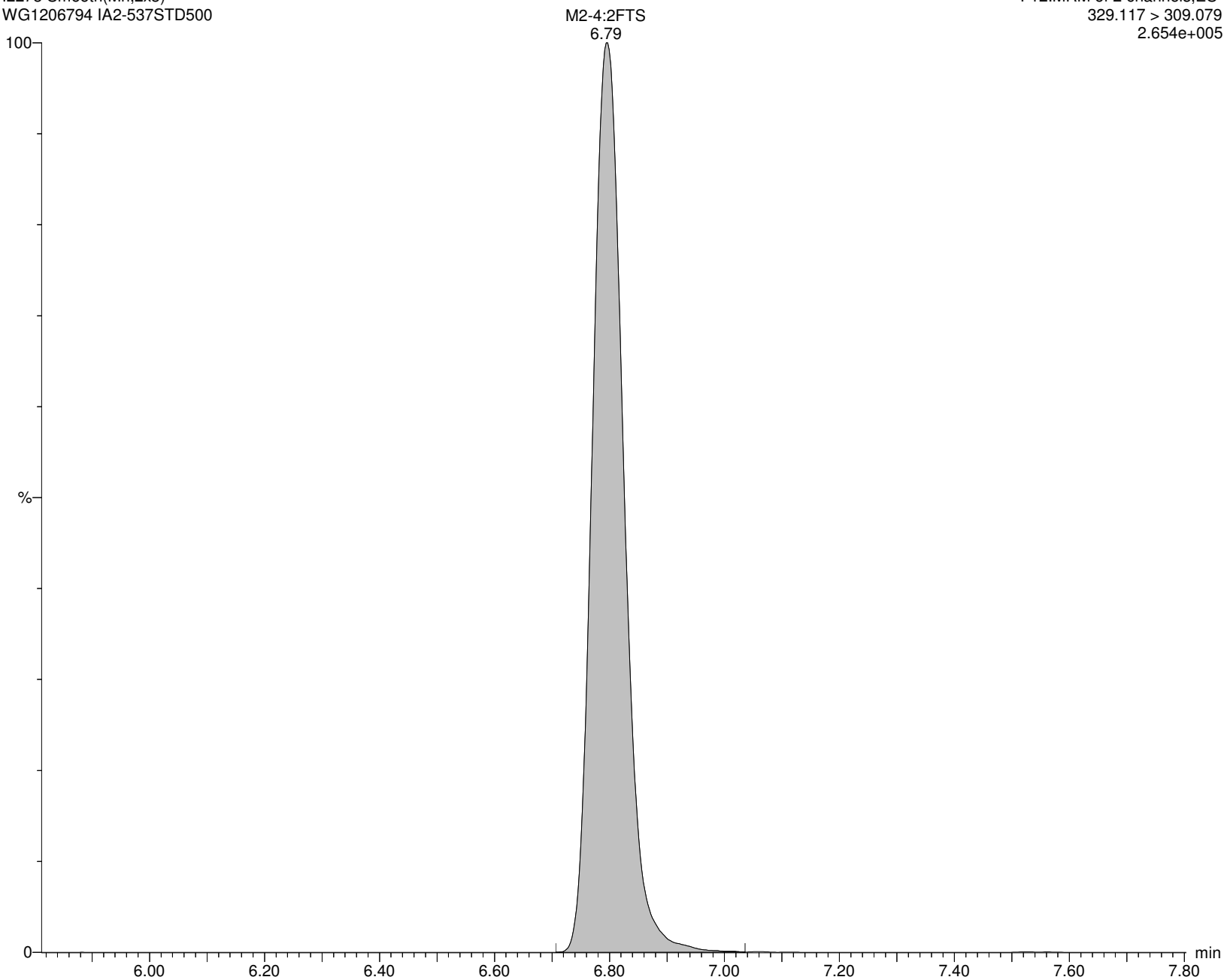
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F12:MRM of 2 channels,ES-

329.117 > 309.079

2.654e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxA

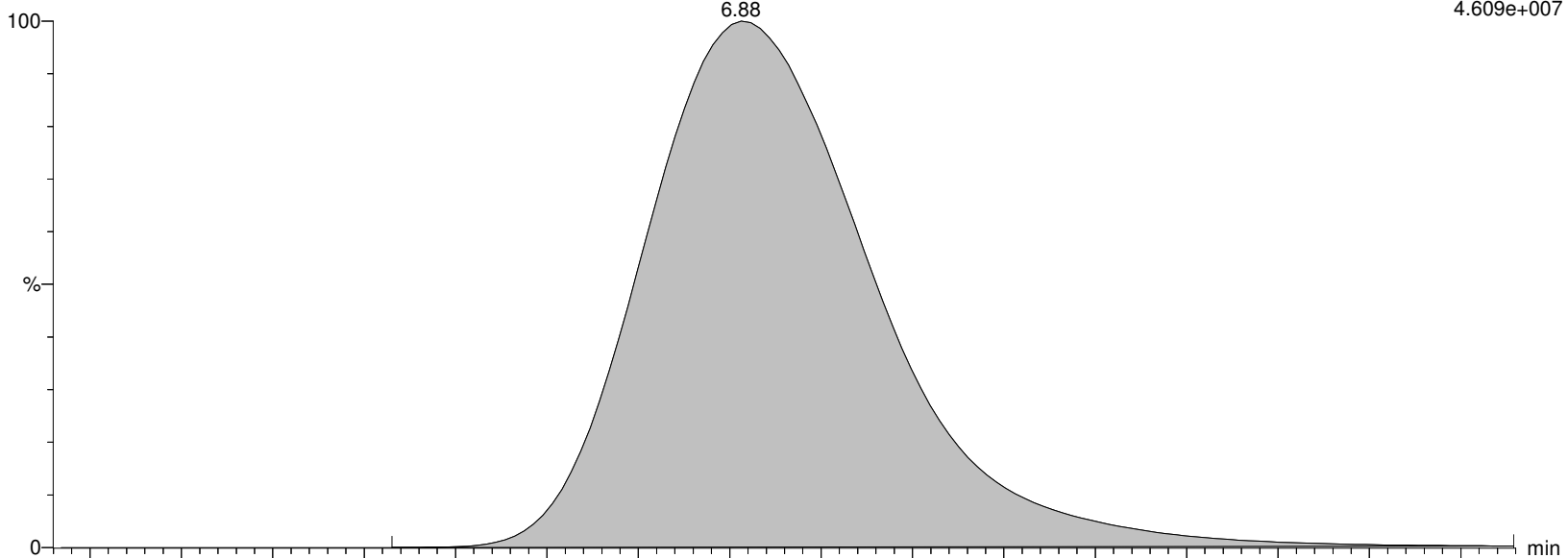
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F8:MRM of 2 channels,ES-

312.989 > 269.028

4.609e+007



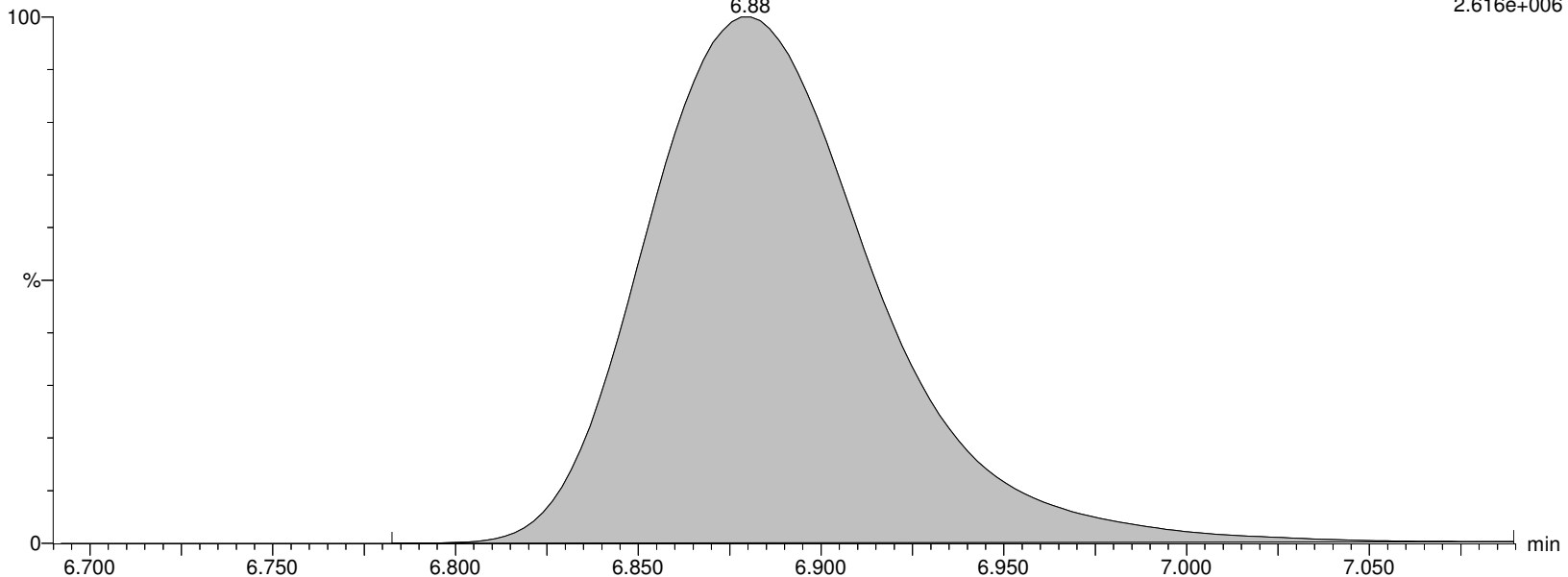
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F8:MRM of 2 channels,ES-

312.989 > 119.18

2.616e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFHxA

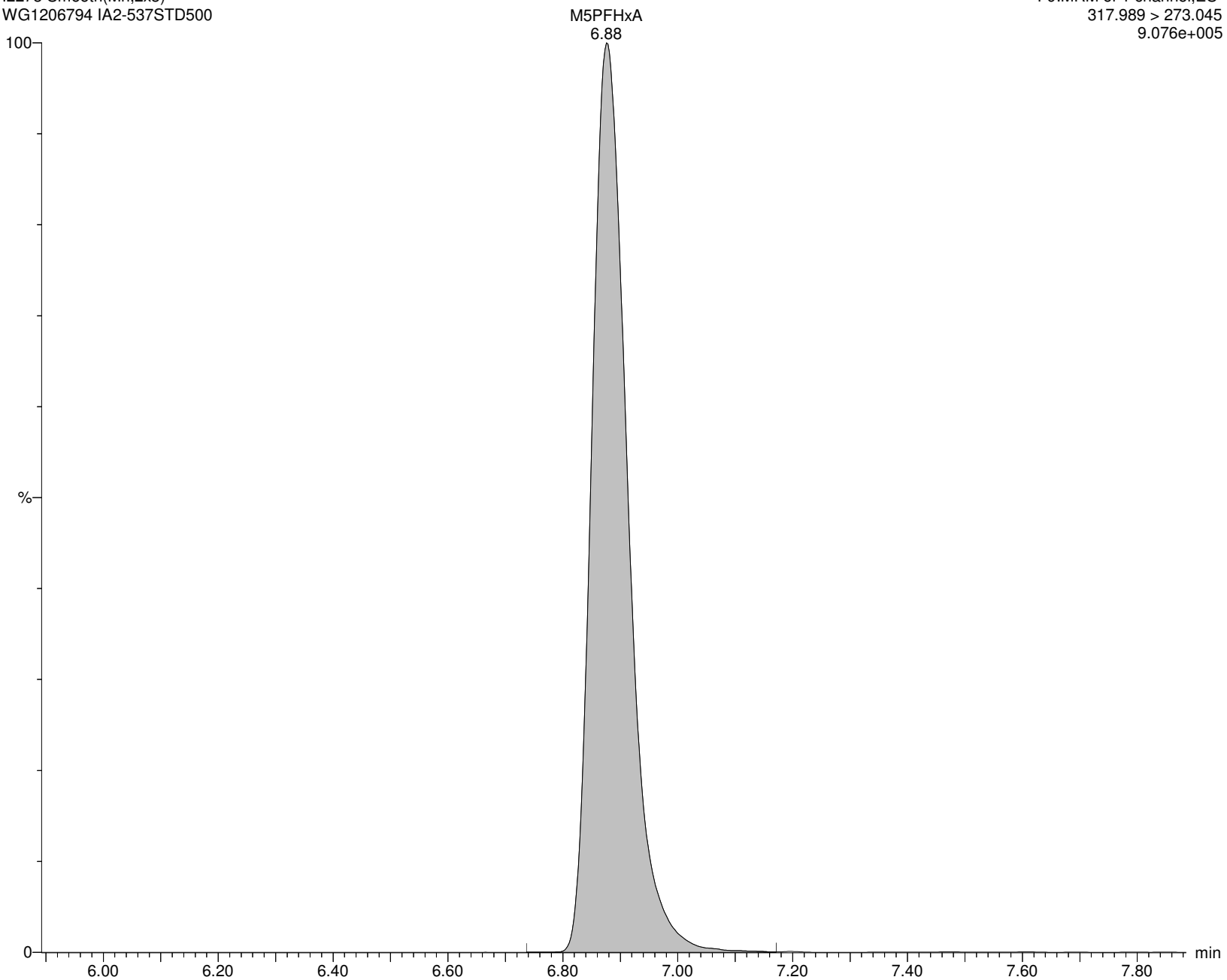
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F9:MRM of 1 channel,ES-

317.989 > 273.045

9.076e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeS

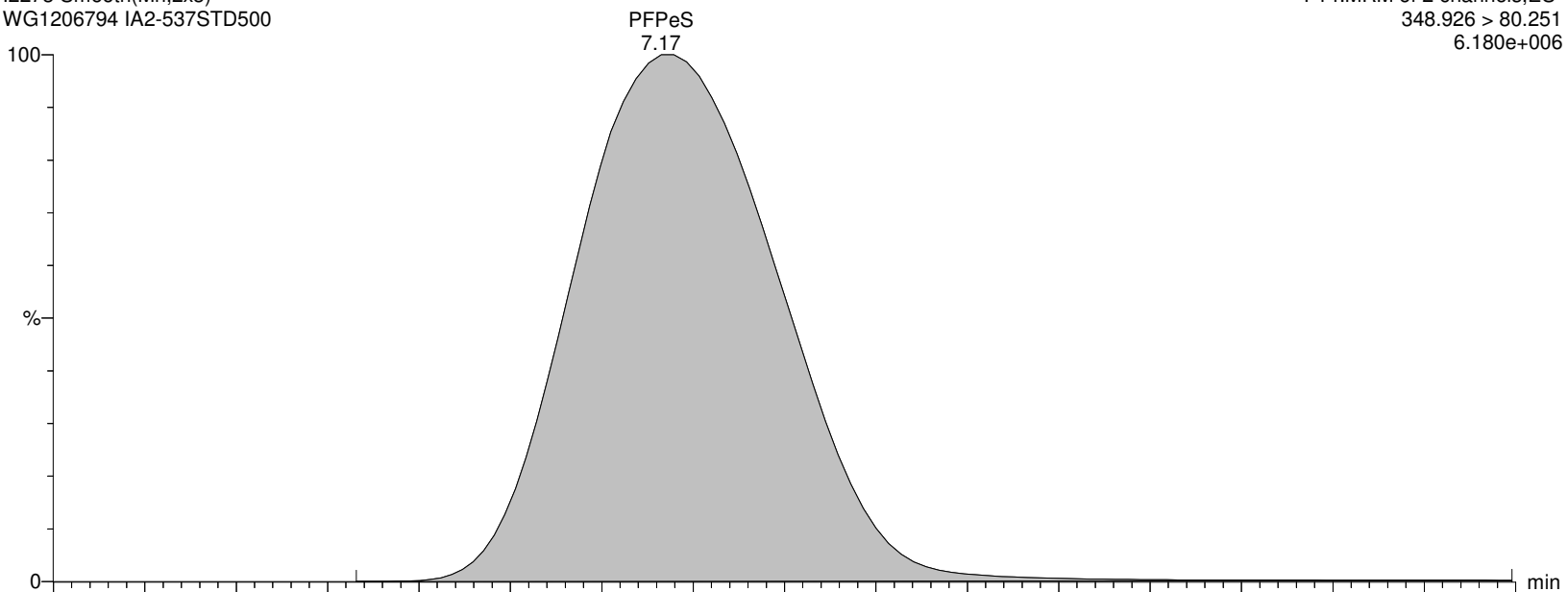
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F14:MRM of 2 channels,ES-

348.926 > 80.251

6.180e+006



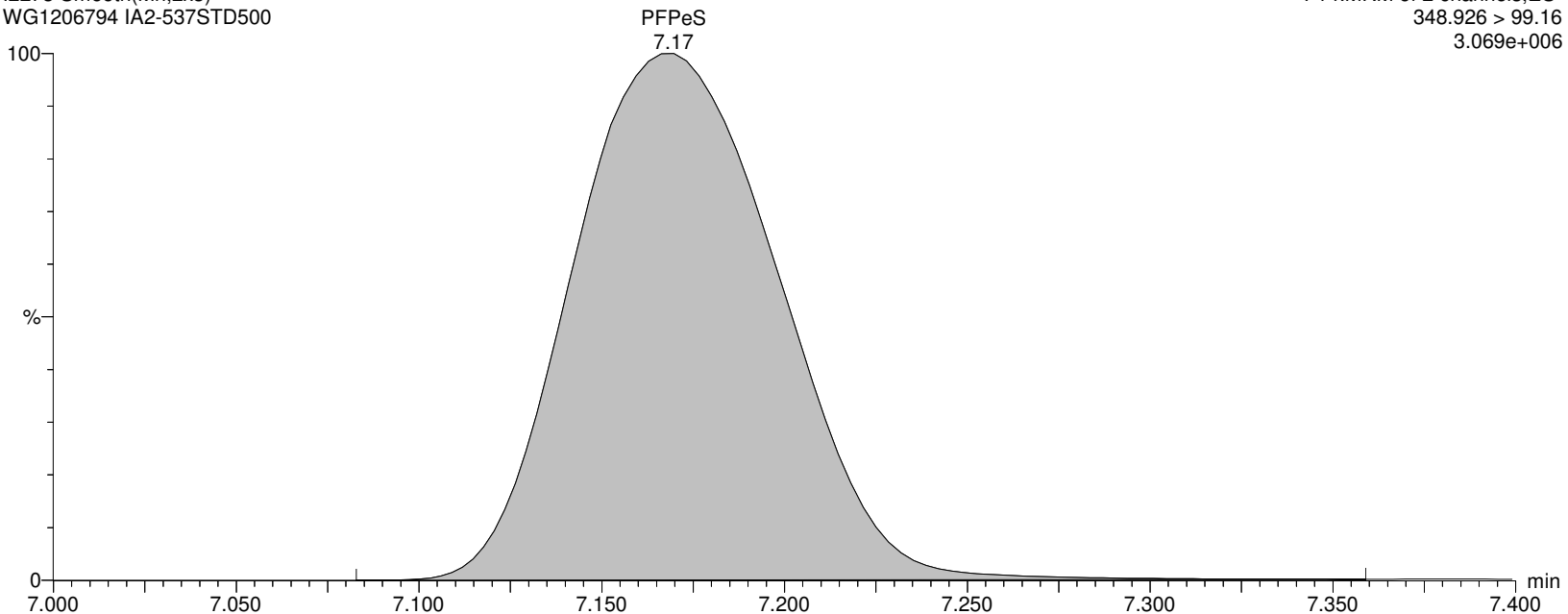
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F14:MRM of 2 channels,ES-

348.926 > 99.16

3.069e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpA

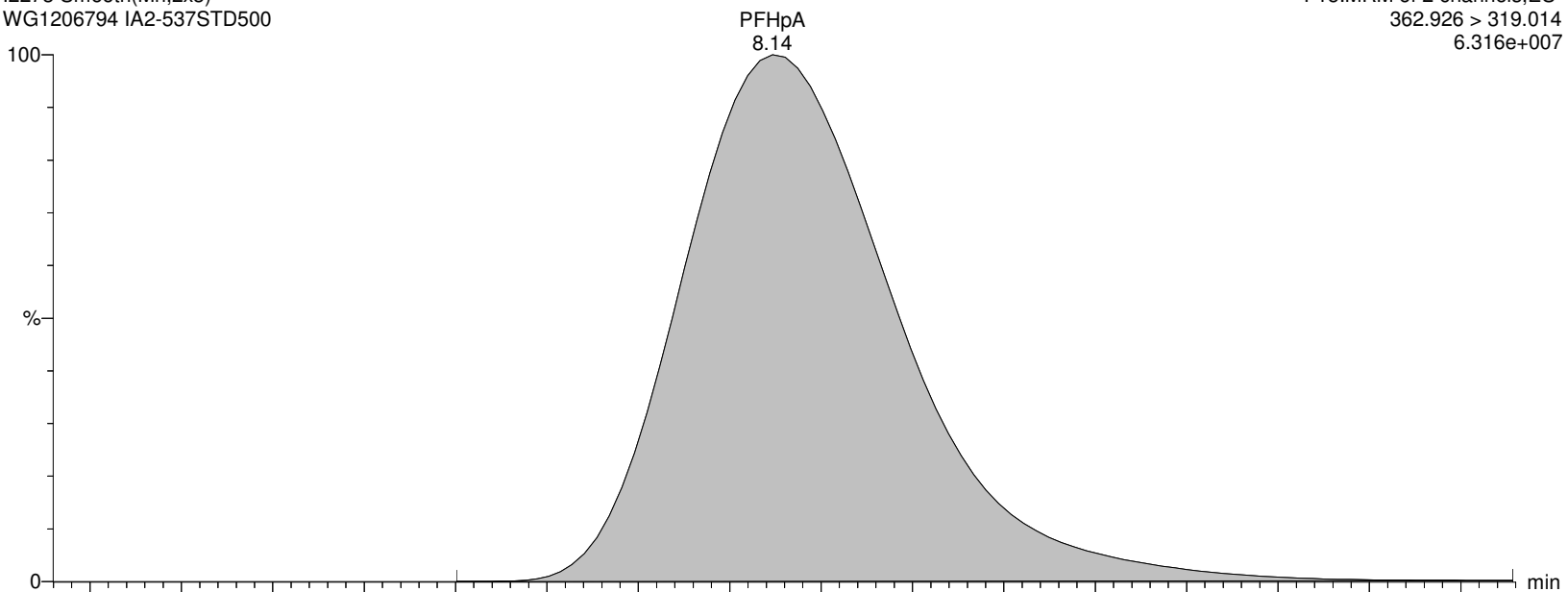
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F15:MRM of 2 channels,ES-

362.926 > 319.014

6.316e+007



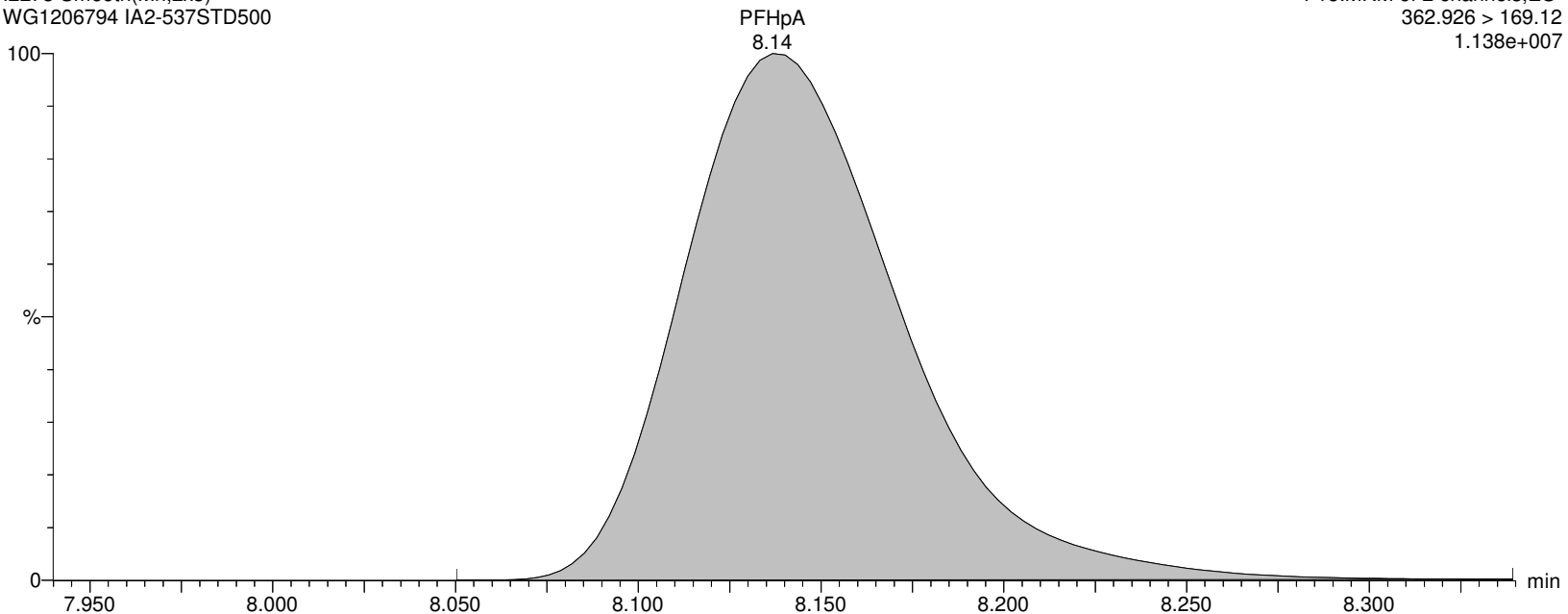
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F15:MRM of 2 channels,ES-

362.926 > 169.12

1.138e+007



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFHpA

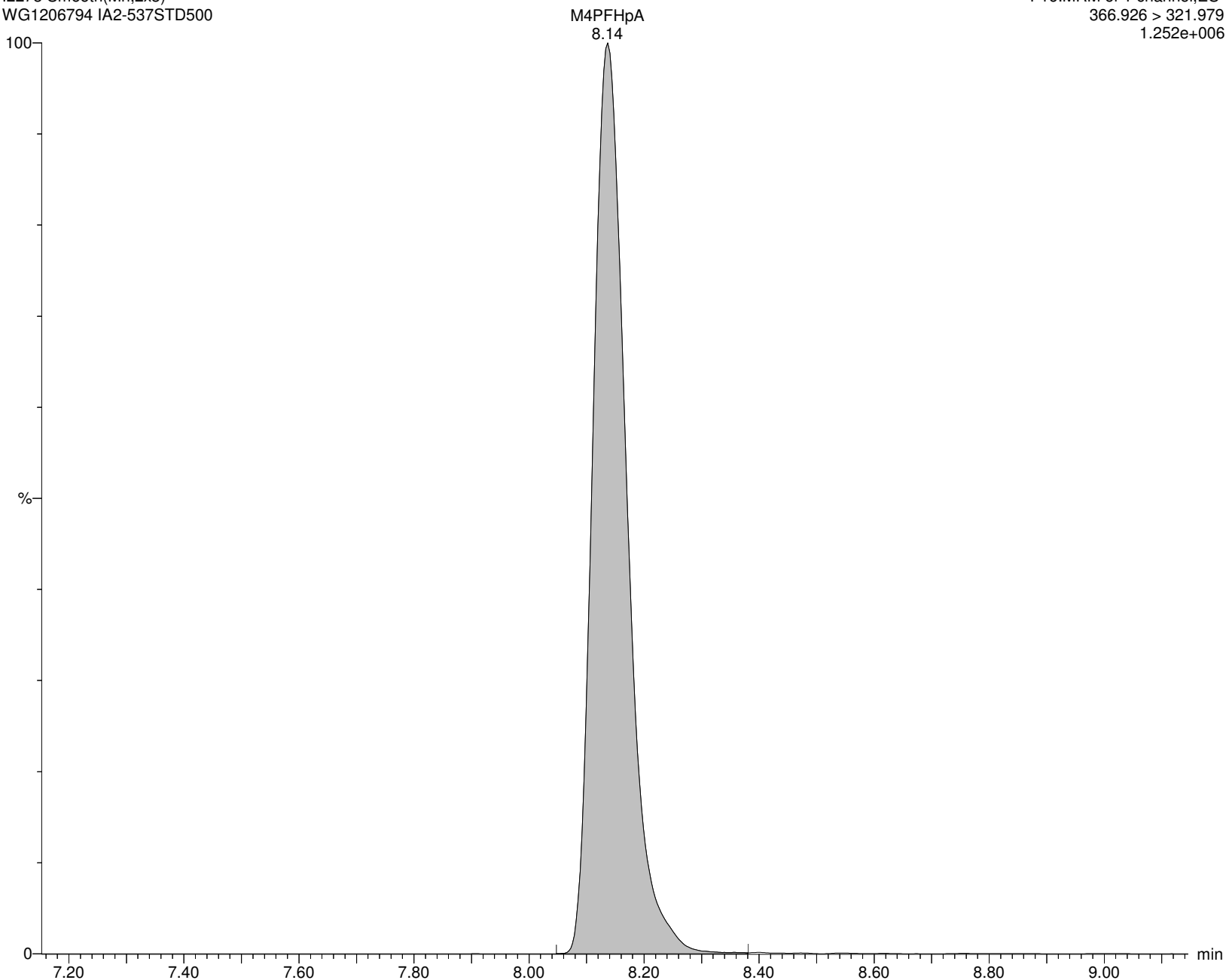
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F16:MRM of 1 channel,ES-

366.926 > 321.979

1.252e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFHxS

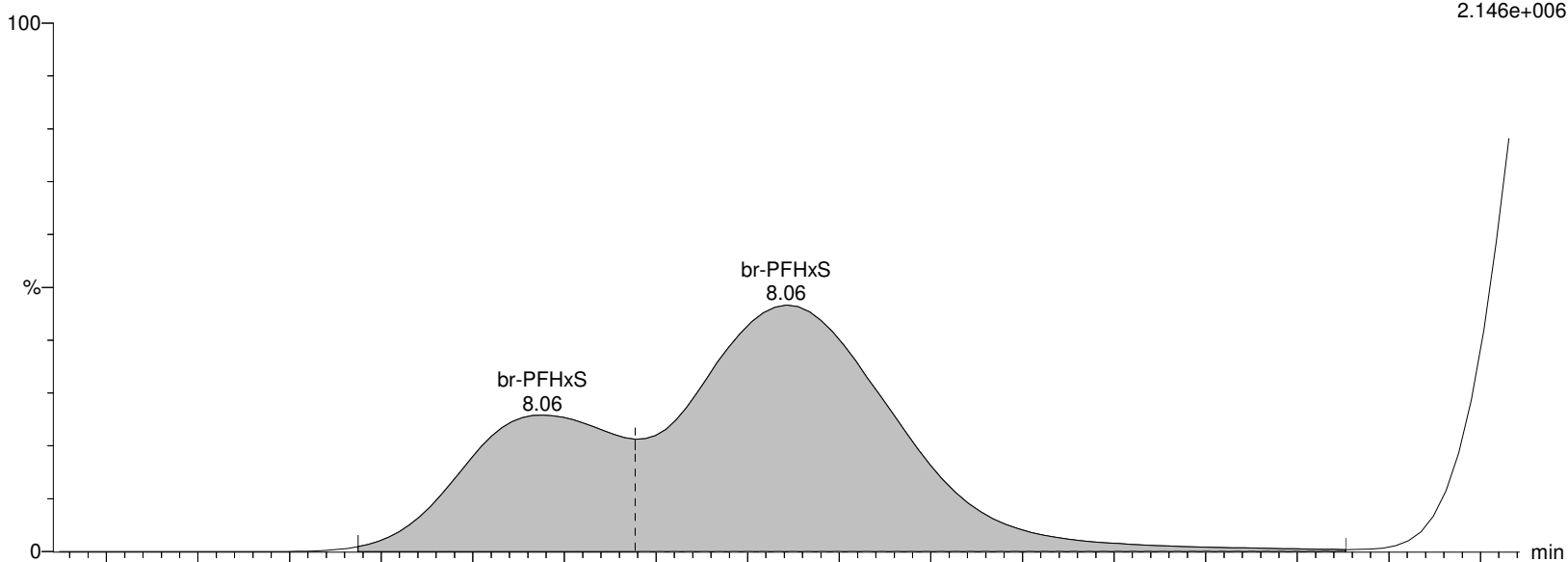
I2273 Smooth(Mn,3x2)

WG1206794 IA2-537STD500

F18:MRM of 2 channels,ES-

398.926 > 80.295

2.146e+006



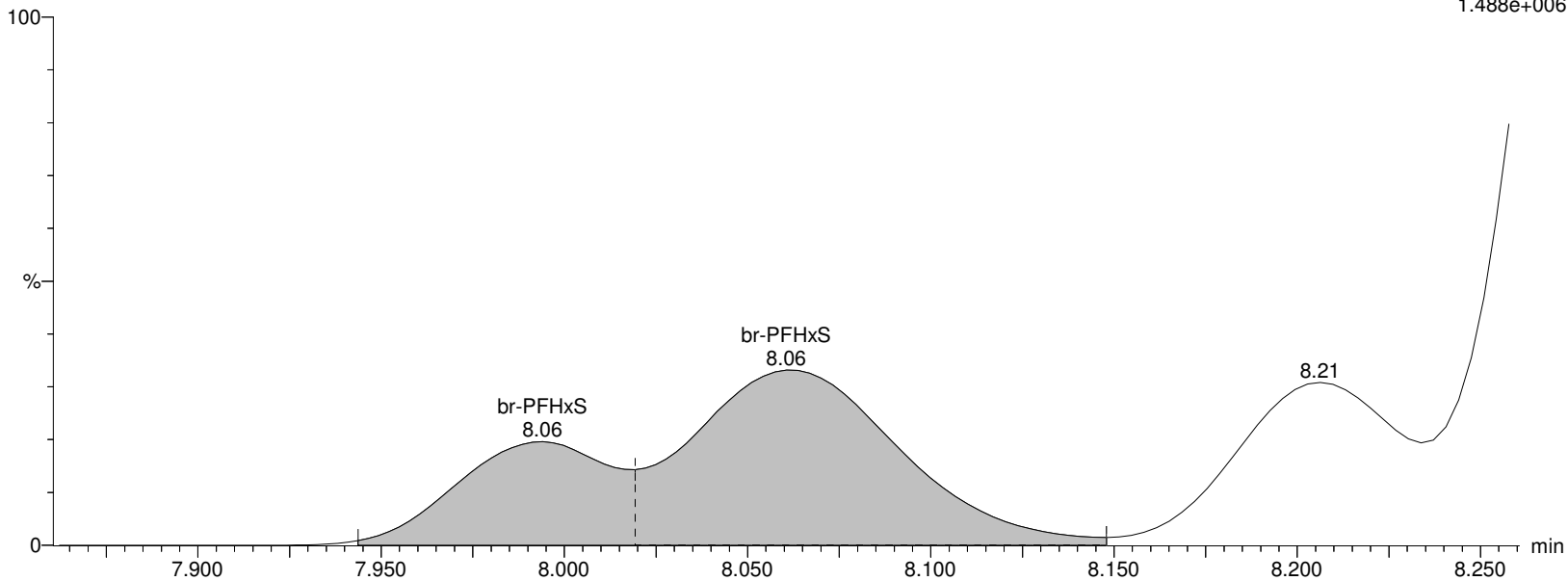
I2273 Smooth(Mn,3x2)

WG1206794 IA2-537STD500

F18:MRM of 2 channels,ES-

398.926 > 99.2

1.488e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFHxS

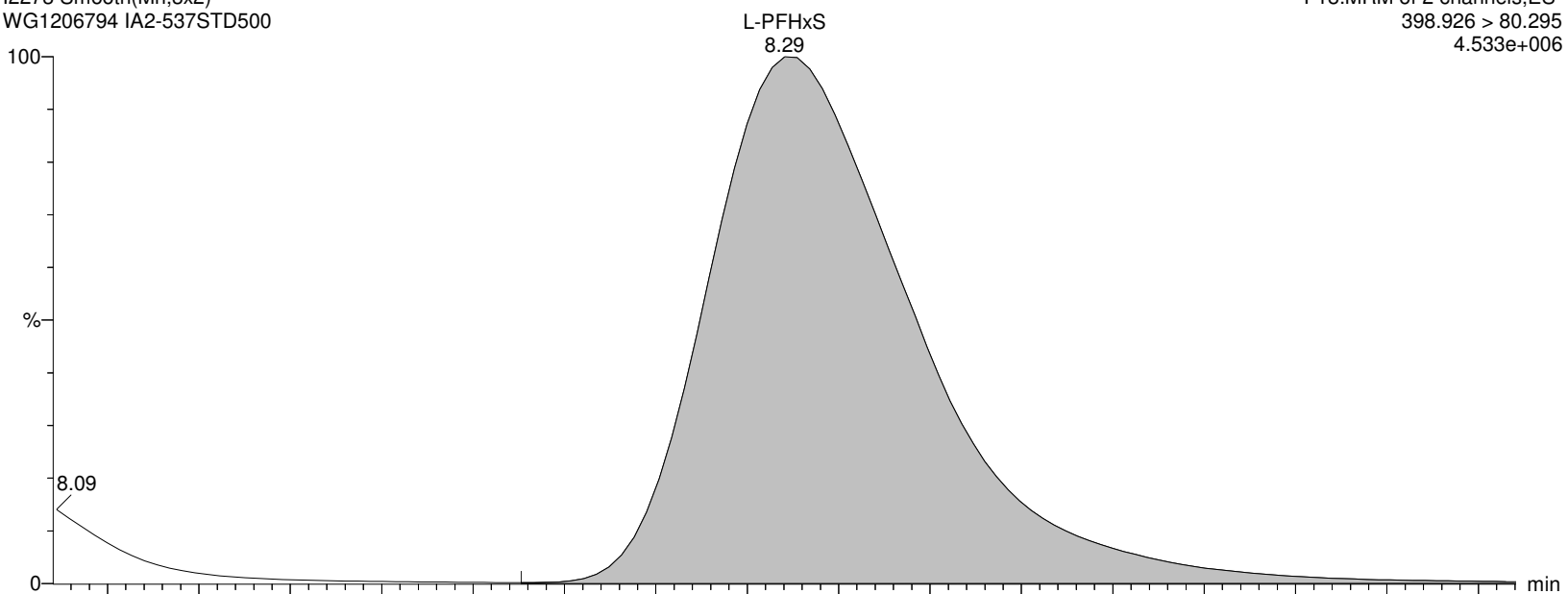
I2273 Smooth(Mn,3x2)

WG1206794 IA2-537STD500

F18:MRM of 2 channels,ES-

398.926 > 80.295

4.533e+006



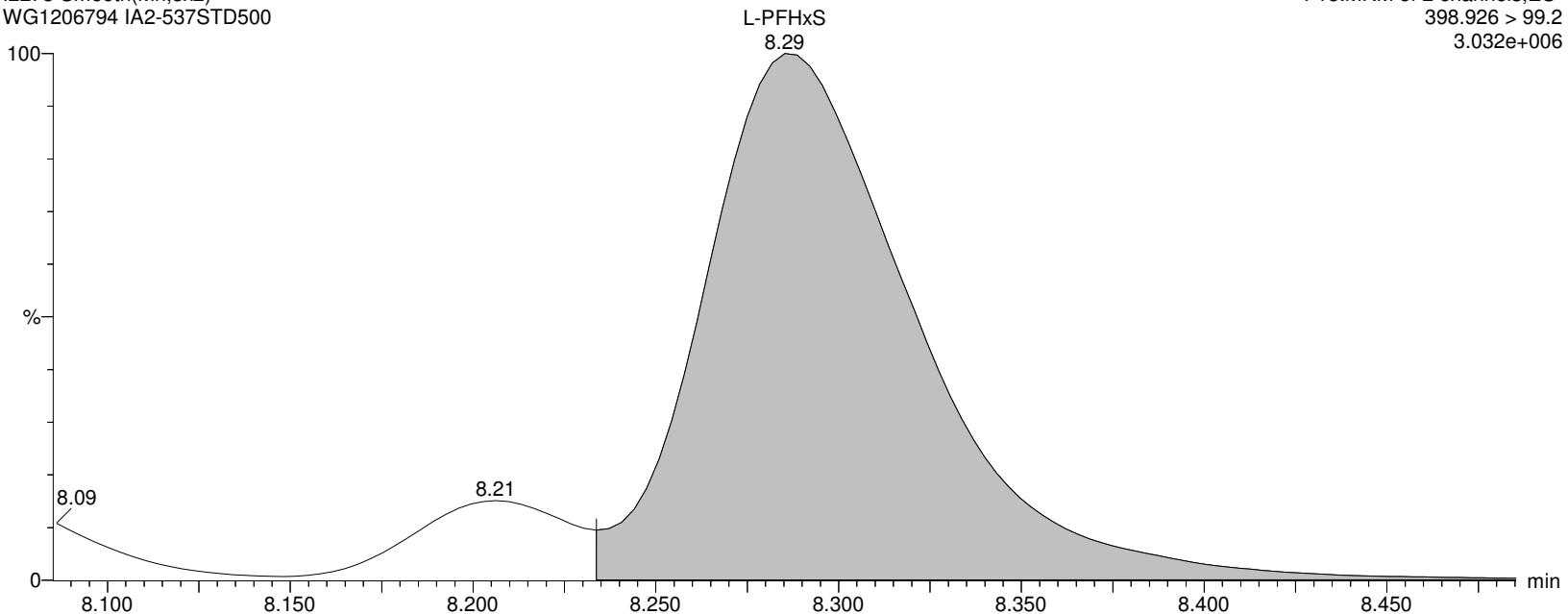
I2273 Smooth(Mn,3x2)

WG1206794 IA2-537STD500

F18:MRM of 2 channels,ES-

398.926 > 99.2

3.032e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxS

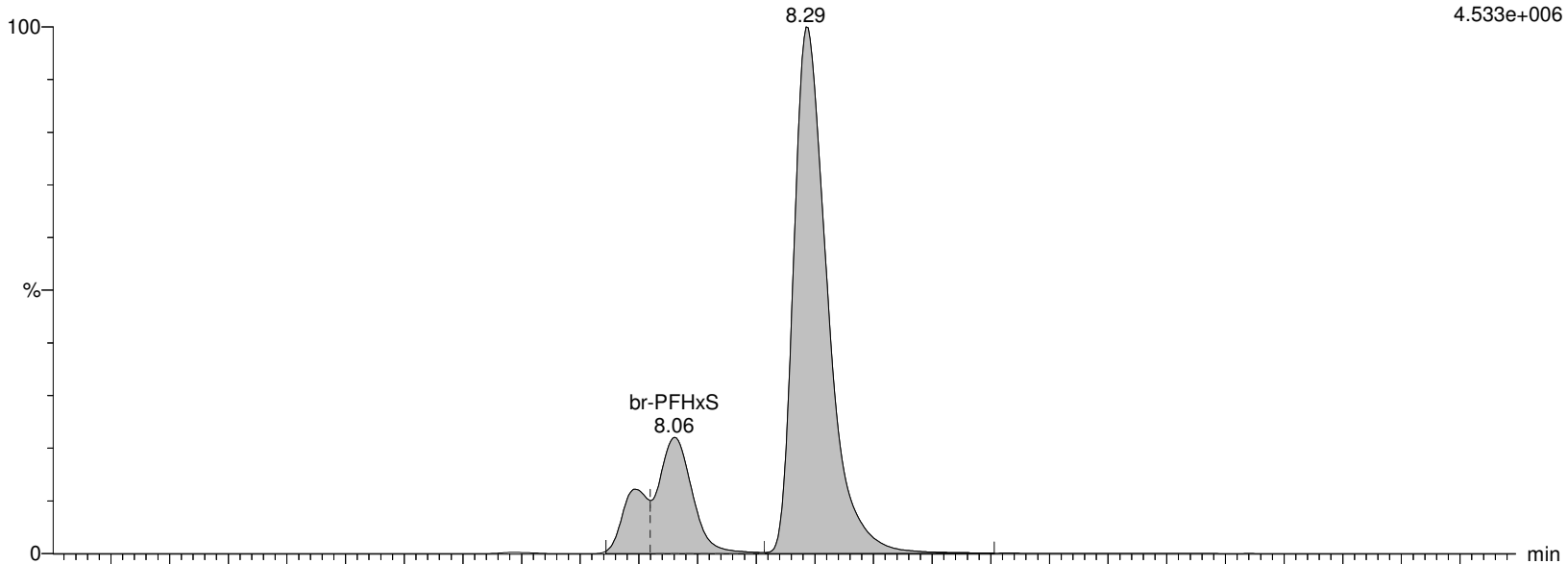
I2273 Smooth(Mn,3x2)

WG1206794 IA2-537STD500

F18:MRM of 2 channels,ES-

398.926 > 80.295

4.533e+006



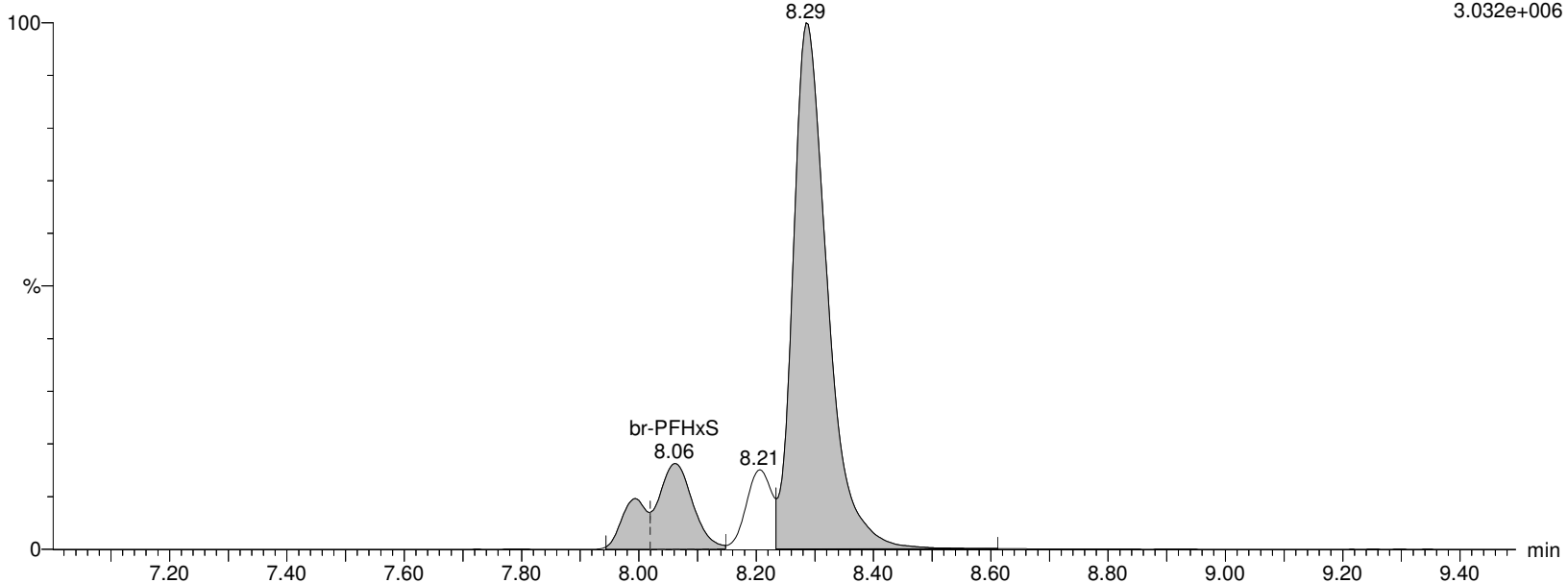
I2273 Smooth(Mn,3x2)

WG1206794 IA2-537STD500

F18:MRM of 2 channels,ES-

398.926 > 99.2

3.032e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFHxS

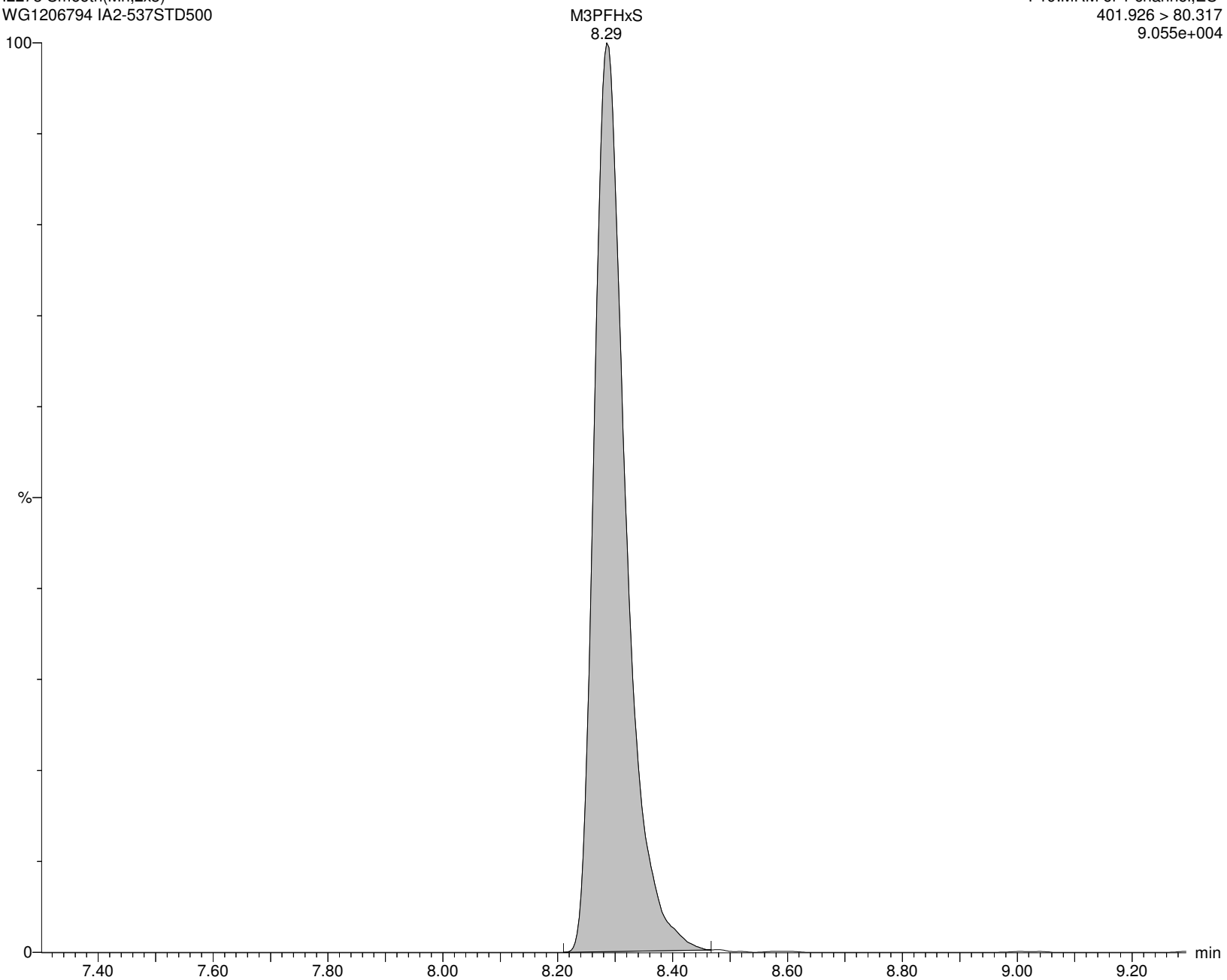
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F19:MRM of 1 channel,ES-

401.926 > 80.317

9.055e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOA

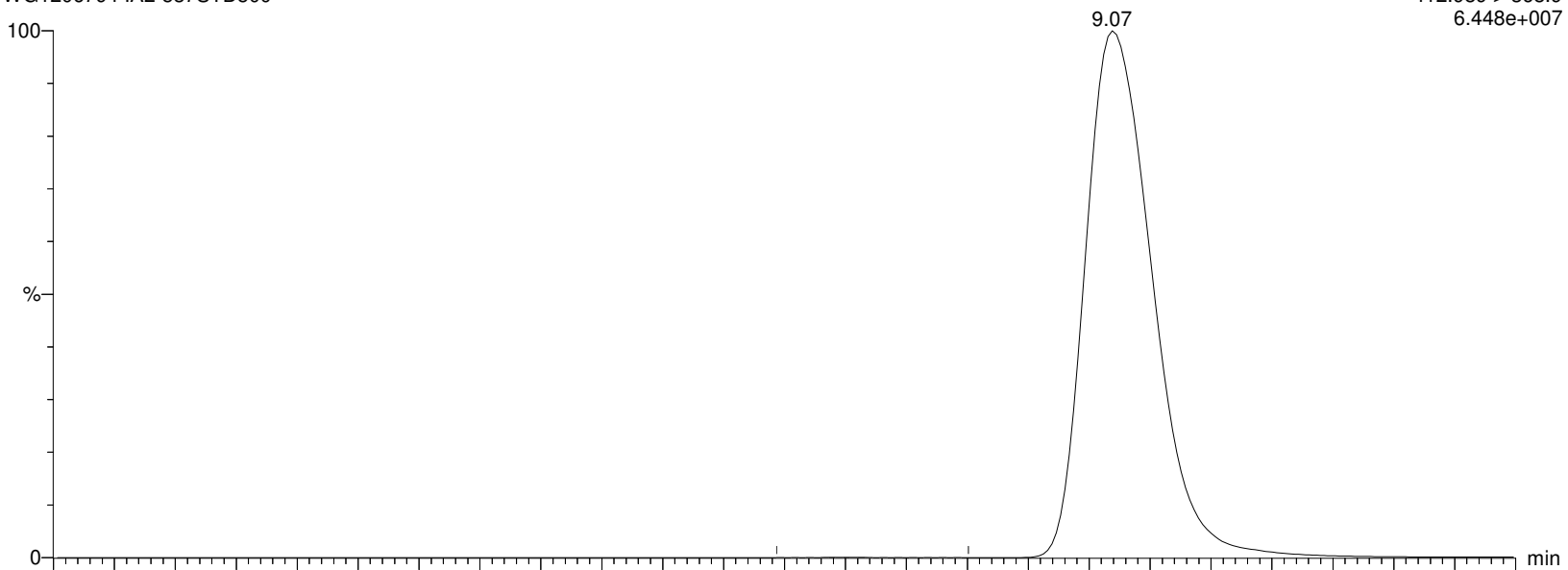
I2273 Smooth(Mn,2x2)

WG1206794 IA2-537STD500

F20:MRM of 2 channels,ES-

412.989 > 368.9

6.448e+007



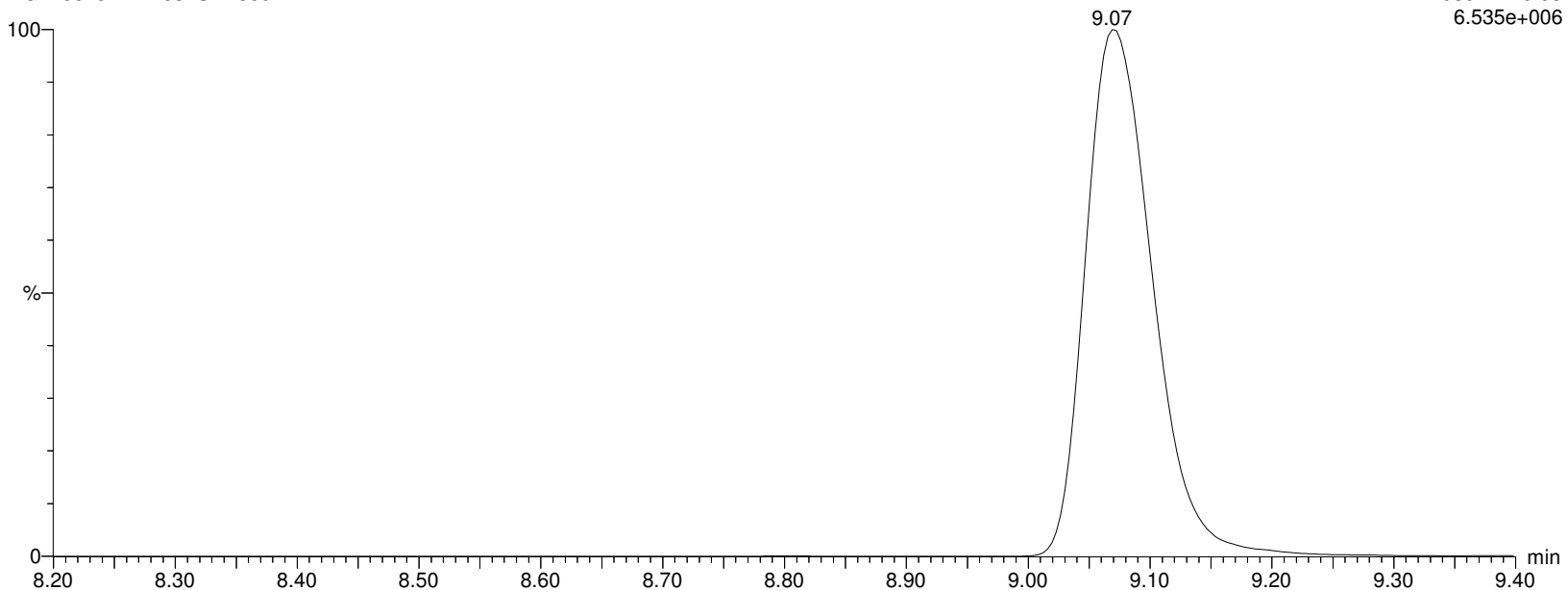
I2273 Smooth(Mn,2x2)

WG1206794 IA2-537STD500

F20:MRM of 2 channels,ES-

412.989 > 219.08

6.535e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOA

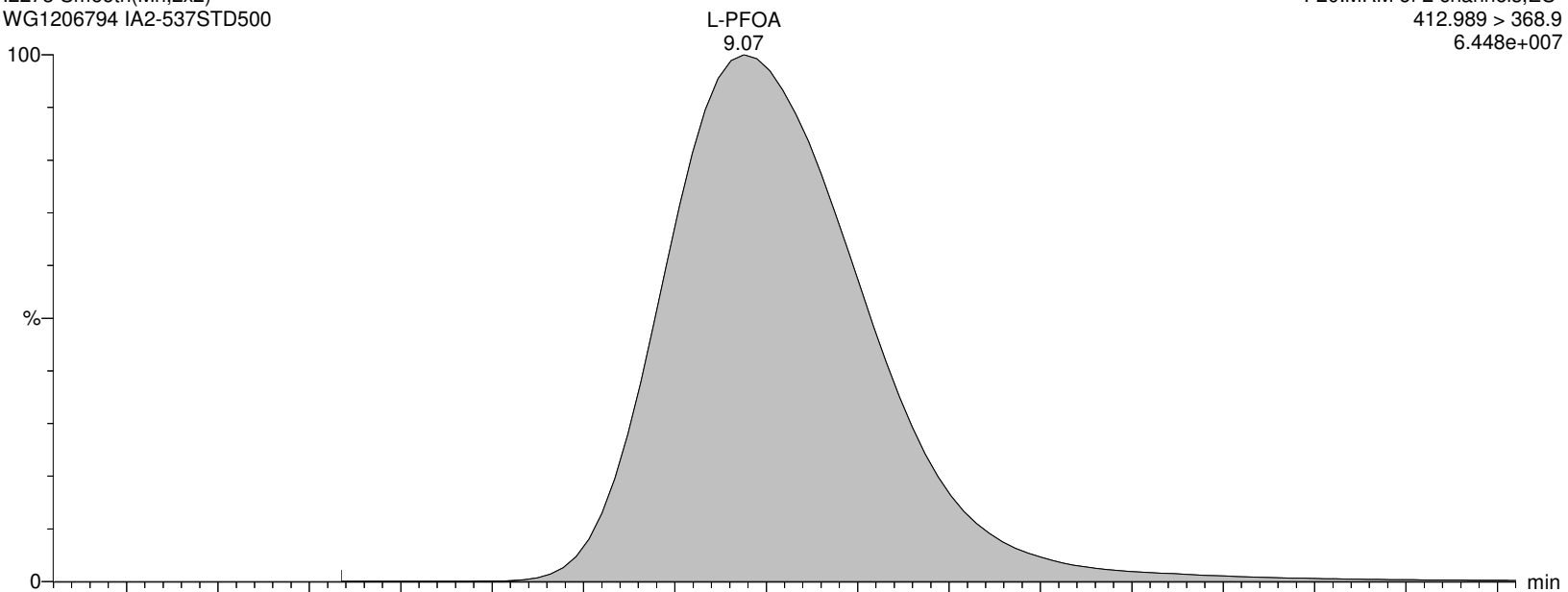
I2273 Smooth(Mn,2x2)

WG1206794 IA2-537STD500

F20:MRM of 2 channels,ES-

412.989 > 368.9

6.448e+007



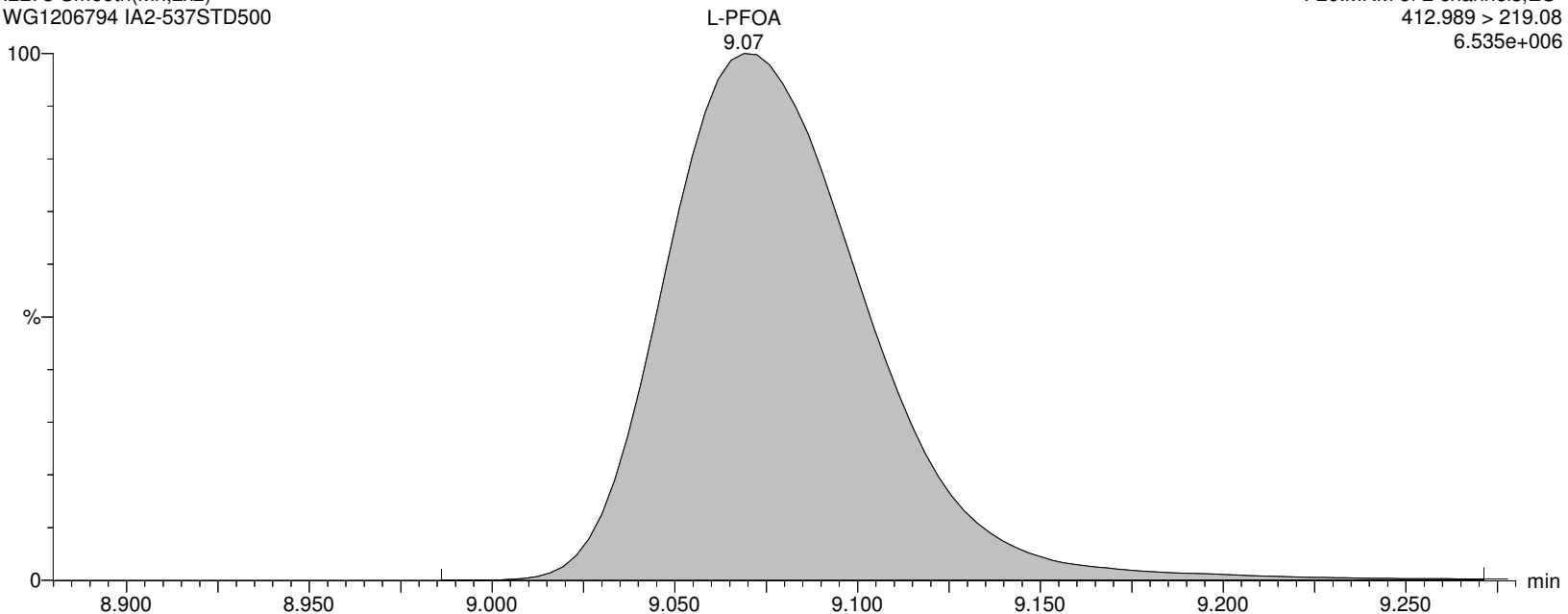
I2273 Smooth(Mn,2x2)

WG1206794 IA2-537STD500

F20:MRM of 2 channels,ES-

412.989 > 219.08

6.535e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFOA

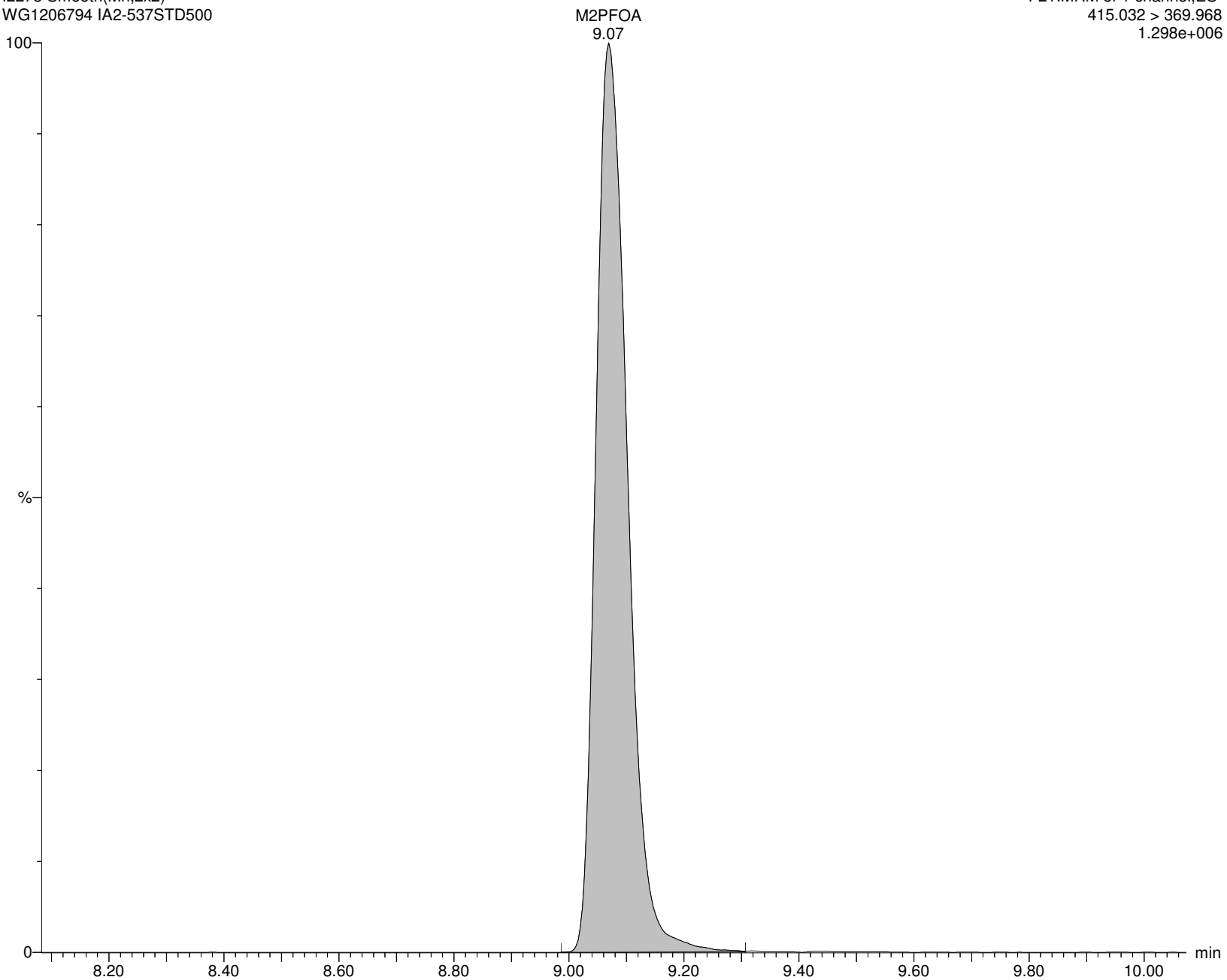
I2273 Smooth(Mn,2x2)

WG1206794 IA2-537STD500

F21:MRM of 1 channel,ES-

415.032 > 369.968

1.298e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOA

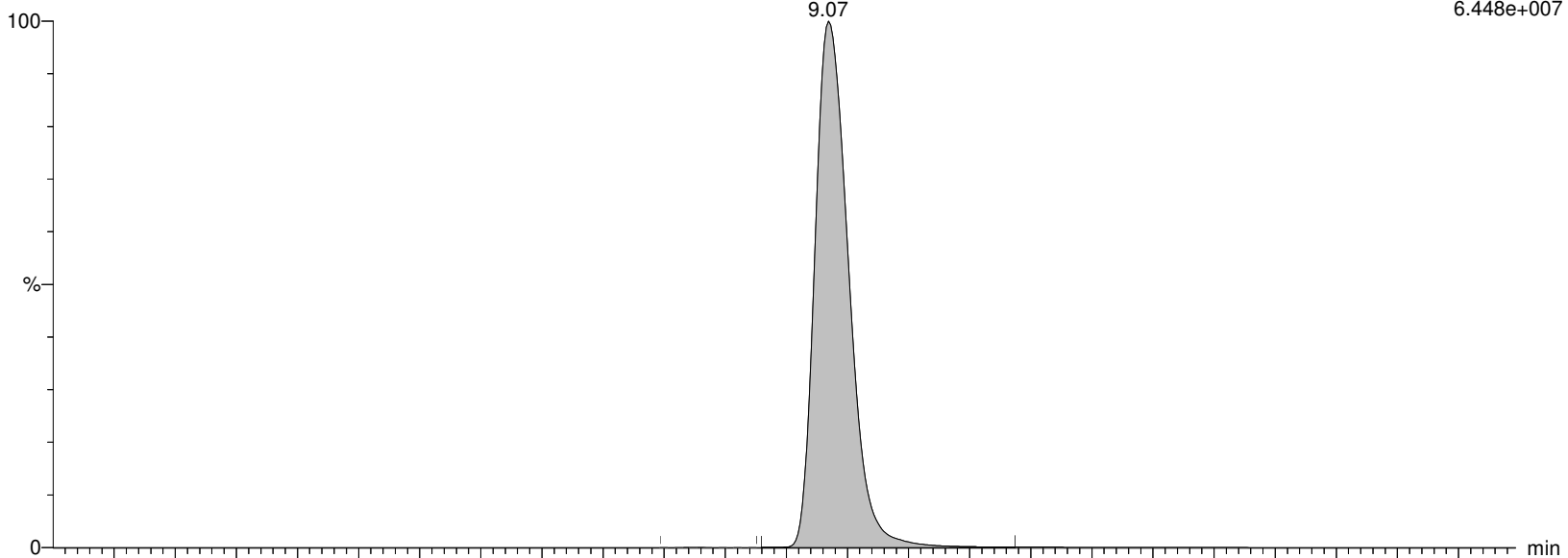
I2273 Smooth(Mn,2x2)

WG1206794 IA2-537STD500

F20:MRM of 2 channels,ES-

412.989 > 368.9

6.448e+007



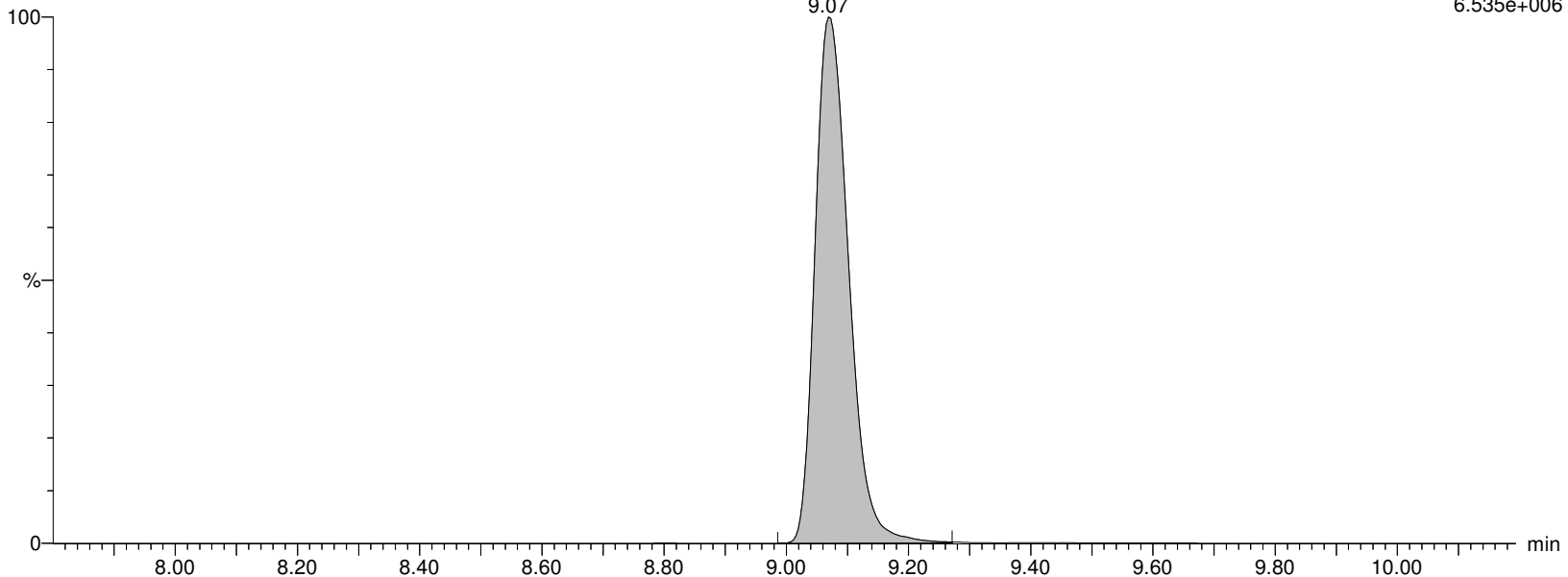
I2273 Smooth(Mn,2x2)

WG1206794 IA2-537STD500

F20:MRM of 2 channels,ES-

412.989 > 219.08

6.535e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOA

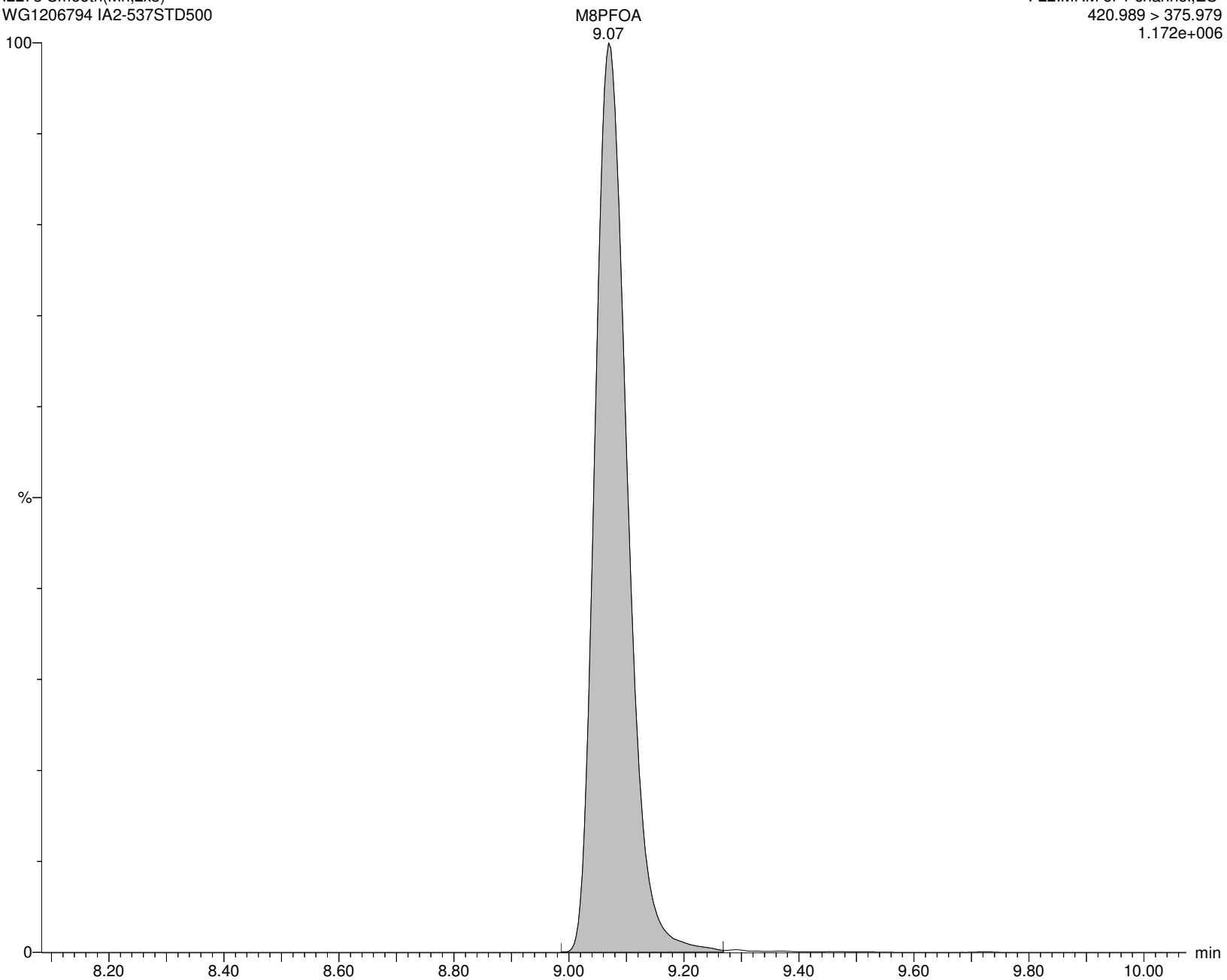
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F22:MRM of 1 channel,ES-

420.989 > 375.979

1.172e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

6:2FTS

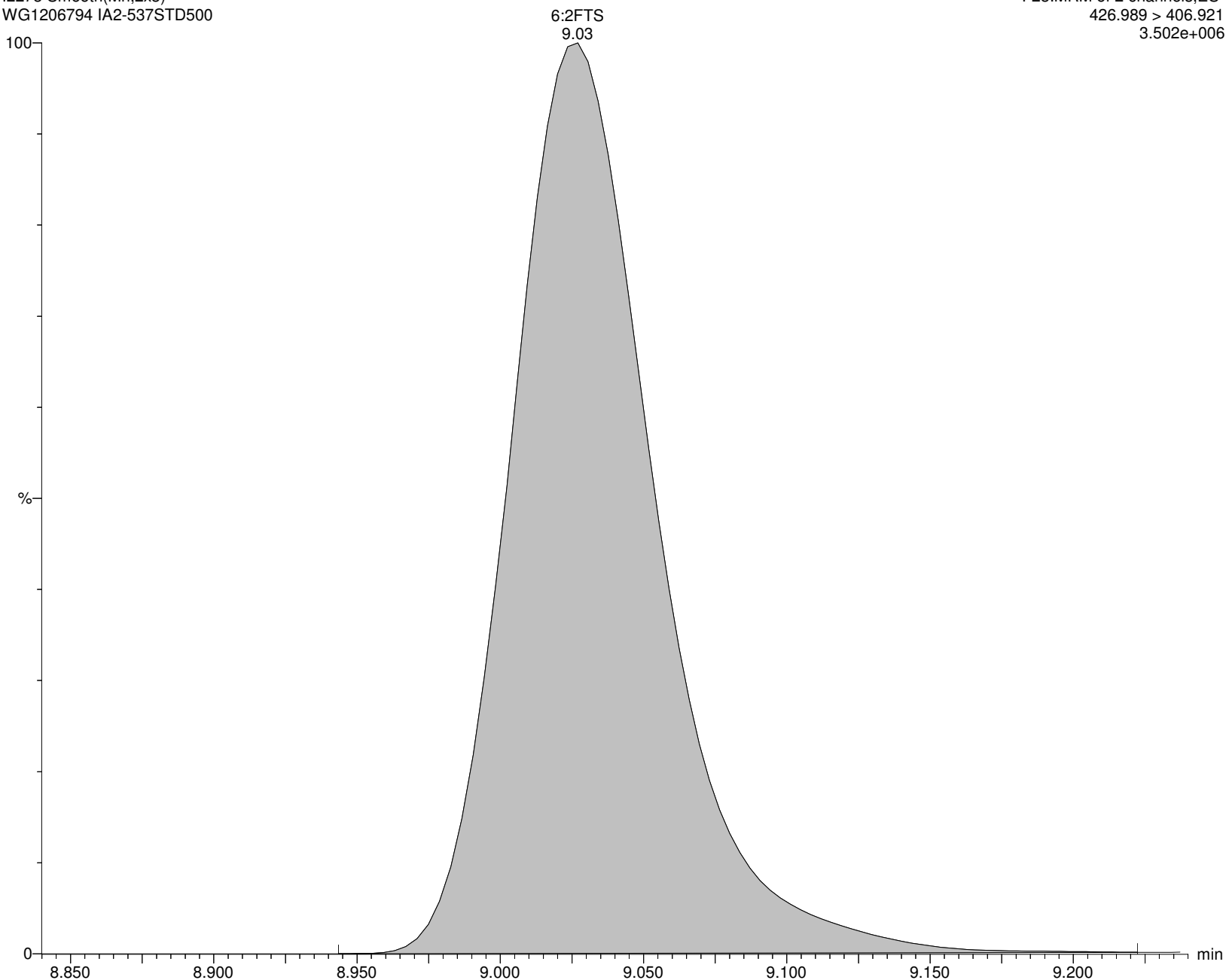
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F23:MRM of 2 channels,ES-

426.989 > 406.921

3.502e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-6:2FTS

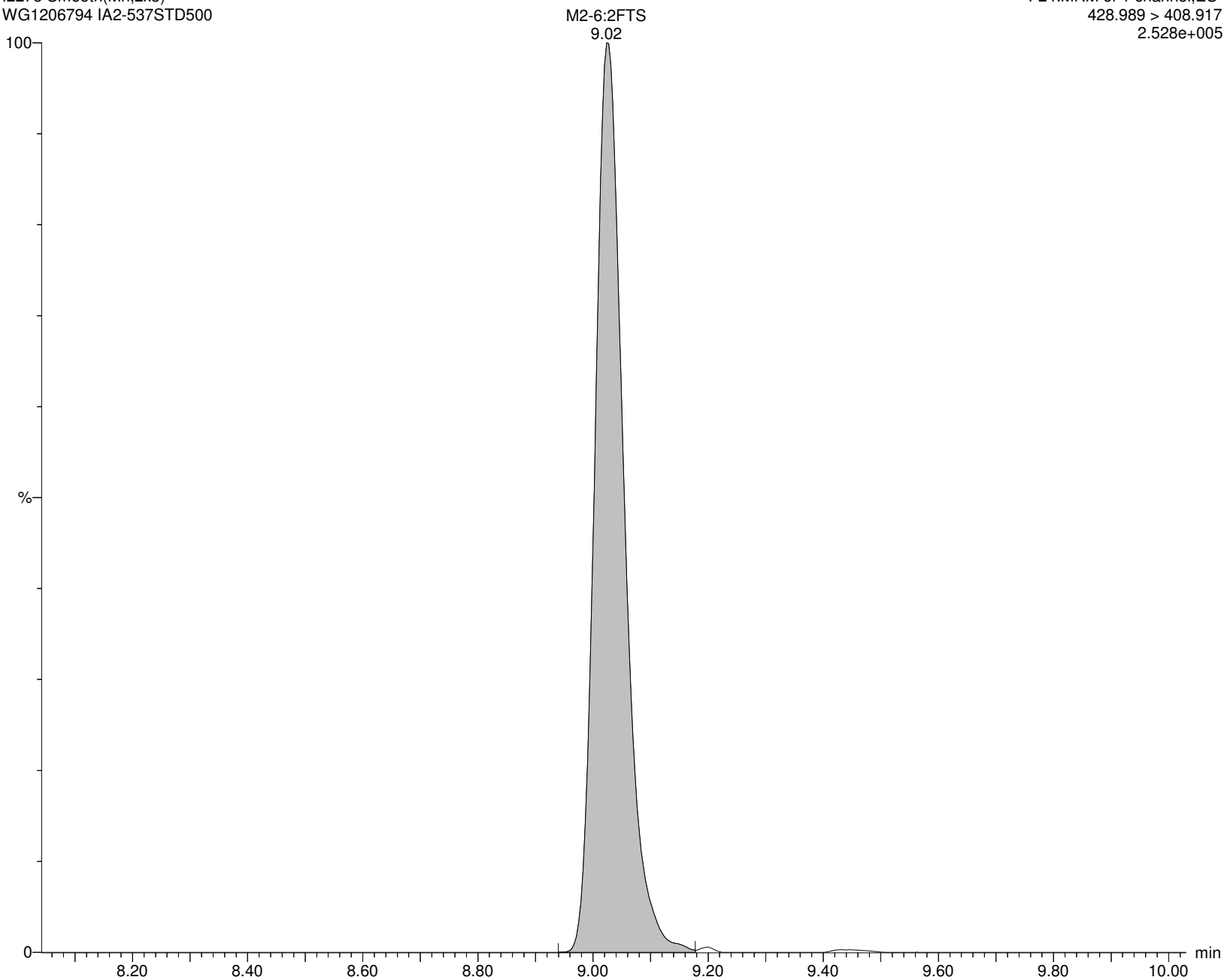
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F24:MRM of 1 channel,ES-

428.989 > 408.917

2.528e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpS

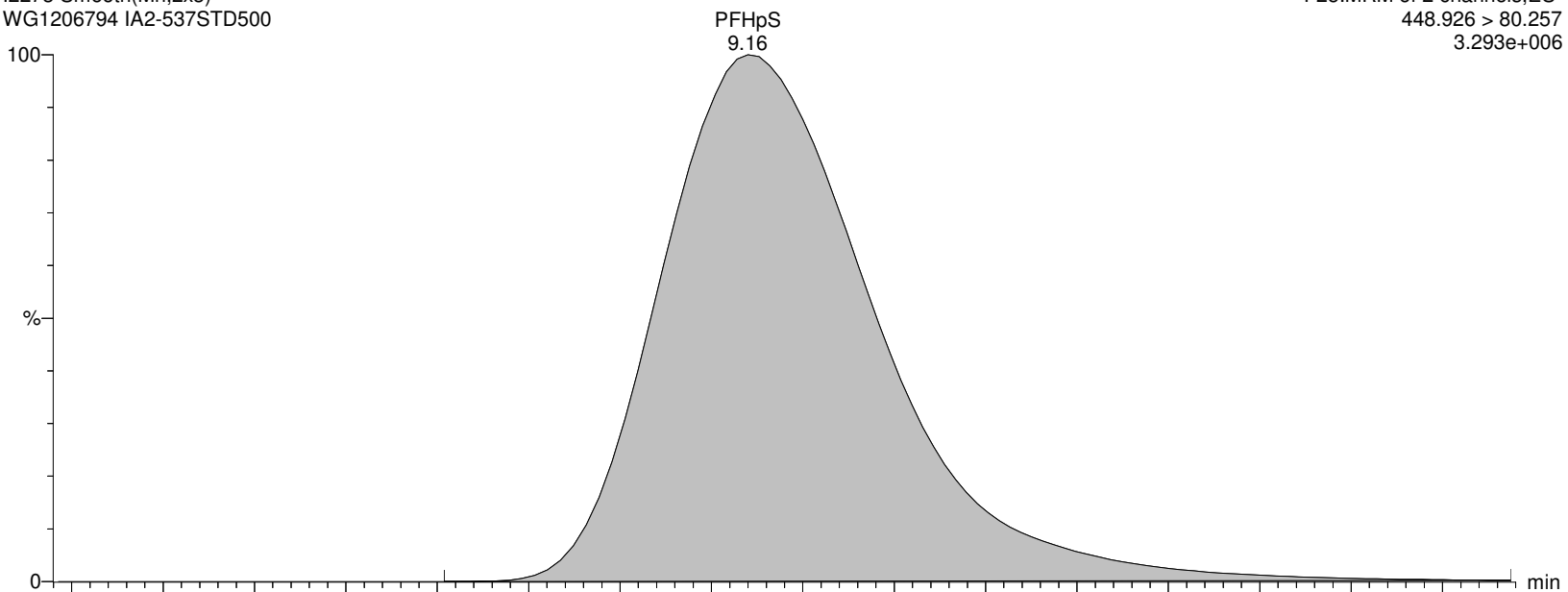
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F25:MRM of 2 channels,ES-

448.926 > 80.257

3.293e+006



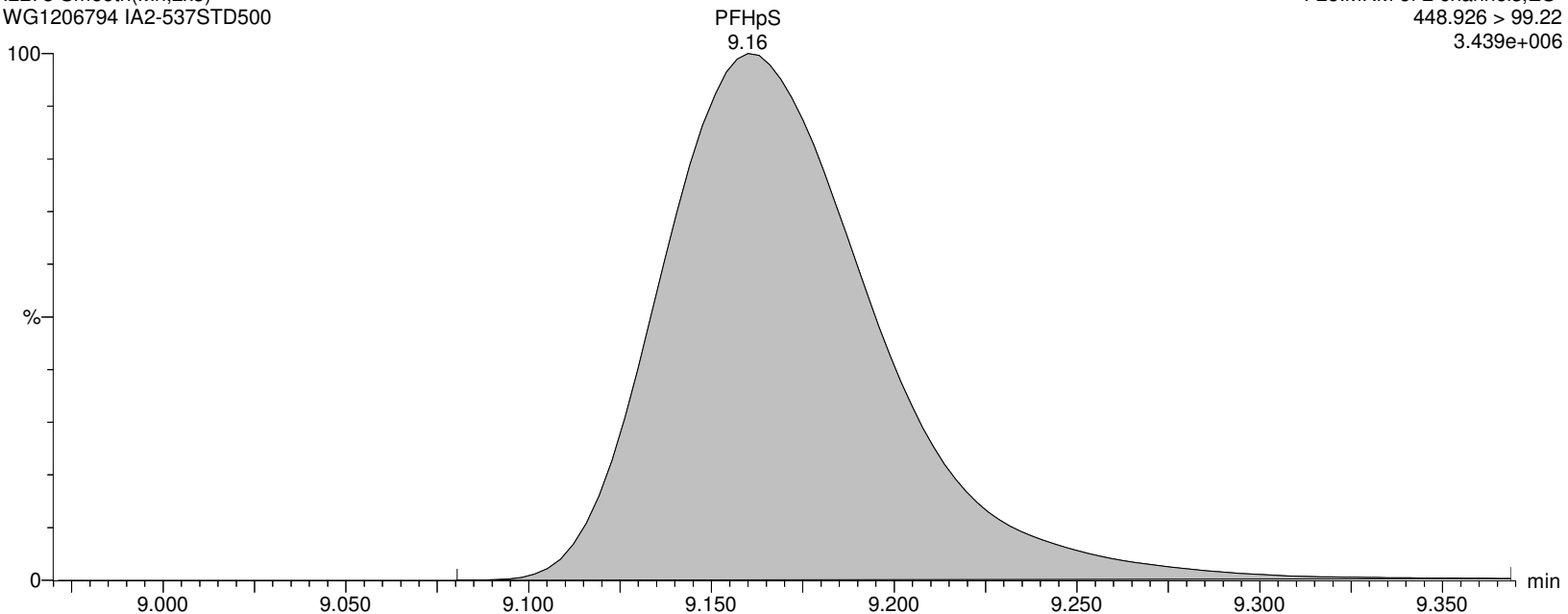
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F25:MRM of 2 channels,ES-

448.926 > 99.22

3.439e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNA

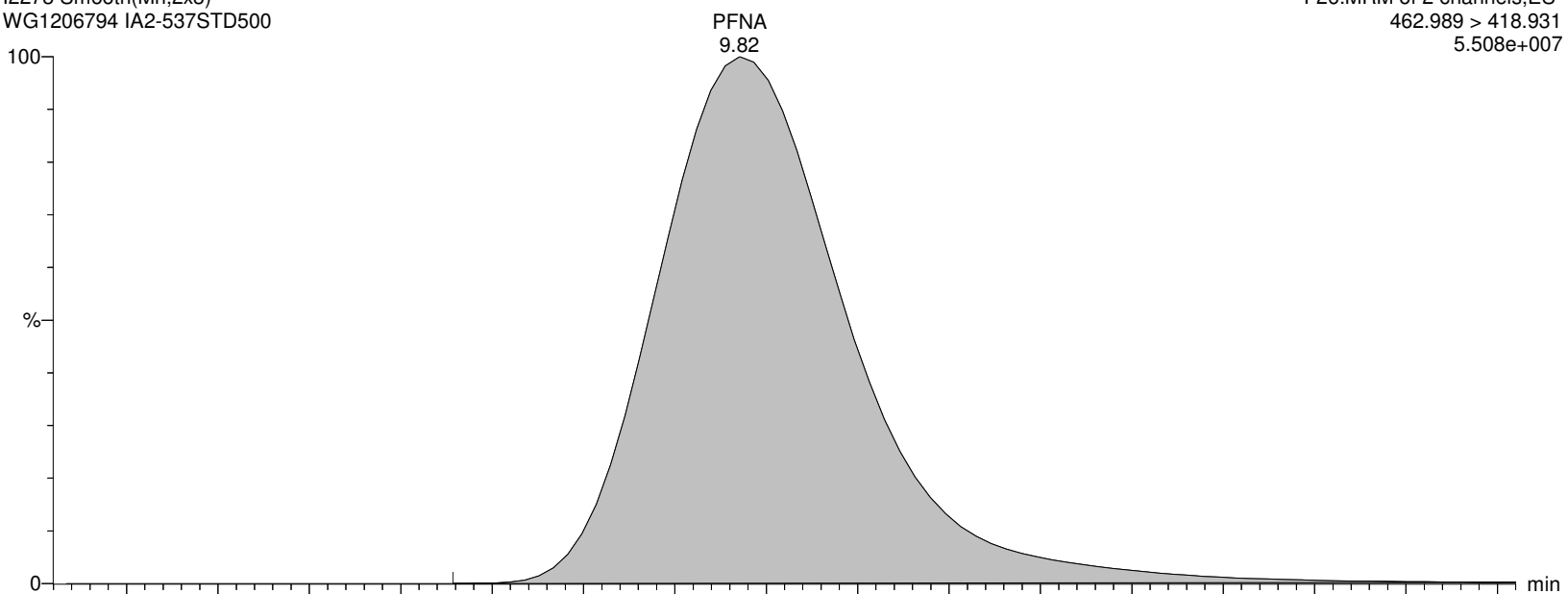
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F26:MRM of 2 channels,ES-

462.989 > 418.931

5.508e+007



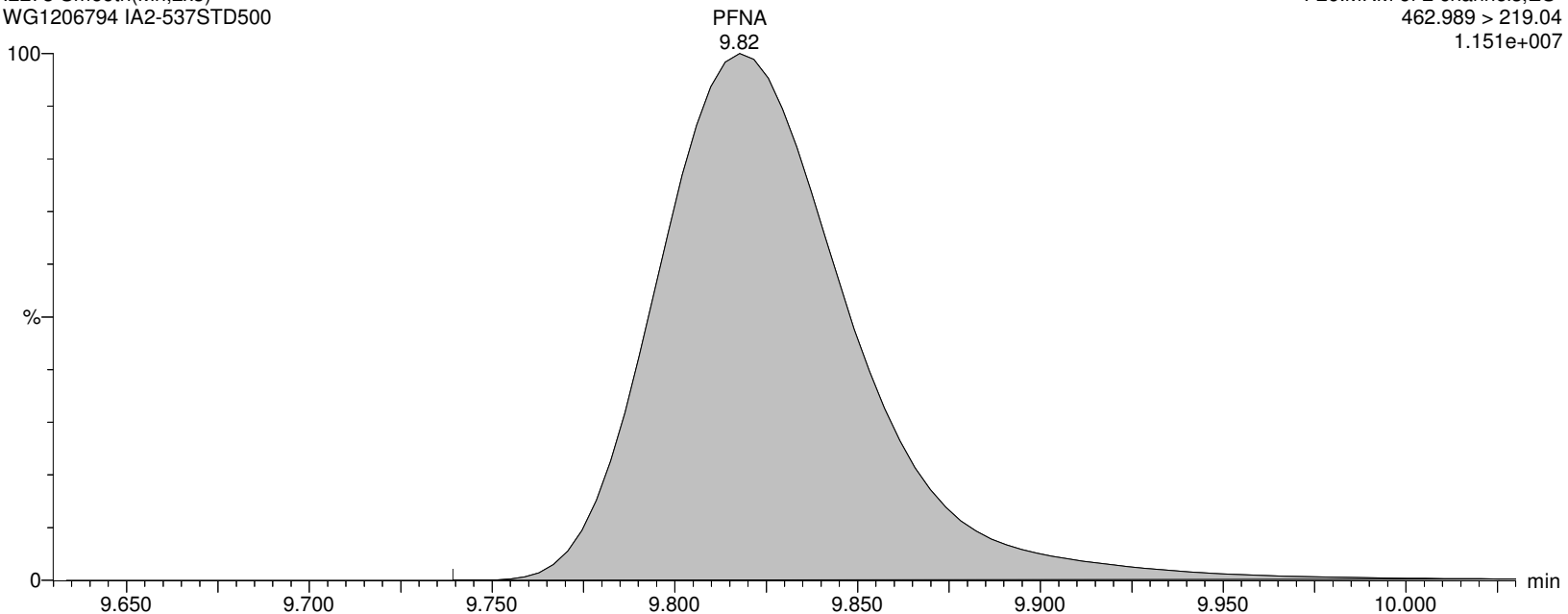
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F26:MRM of 2 channels,ES-

462.989 > 219.04

1.151e+007



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M9PFNA

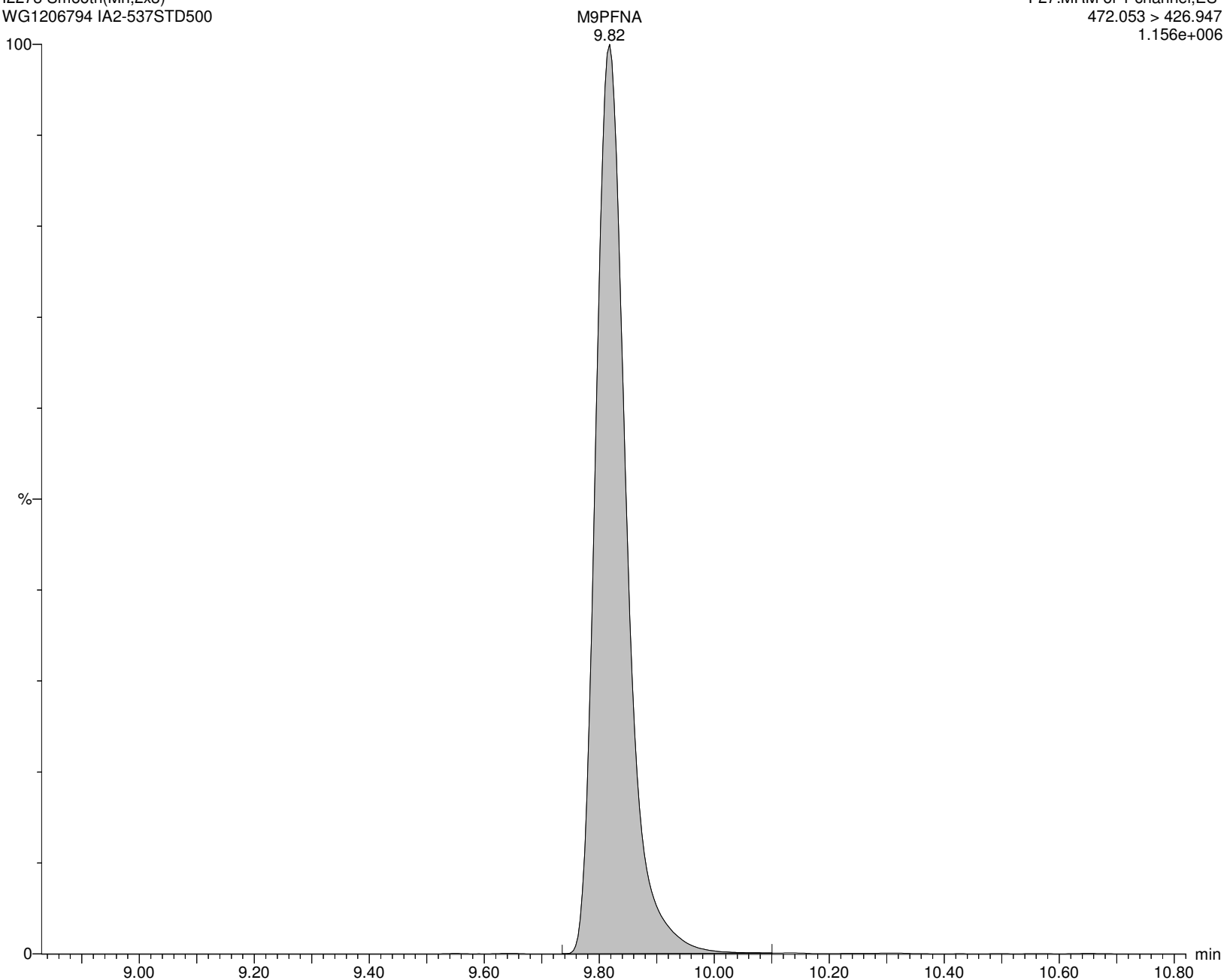
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F27:MRM of 1 channel,ES-

472.053 > 426.947

1.156e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

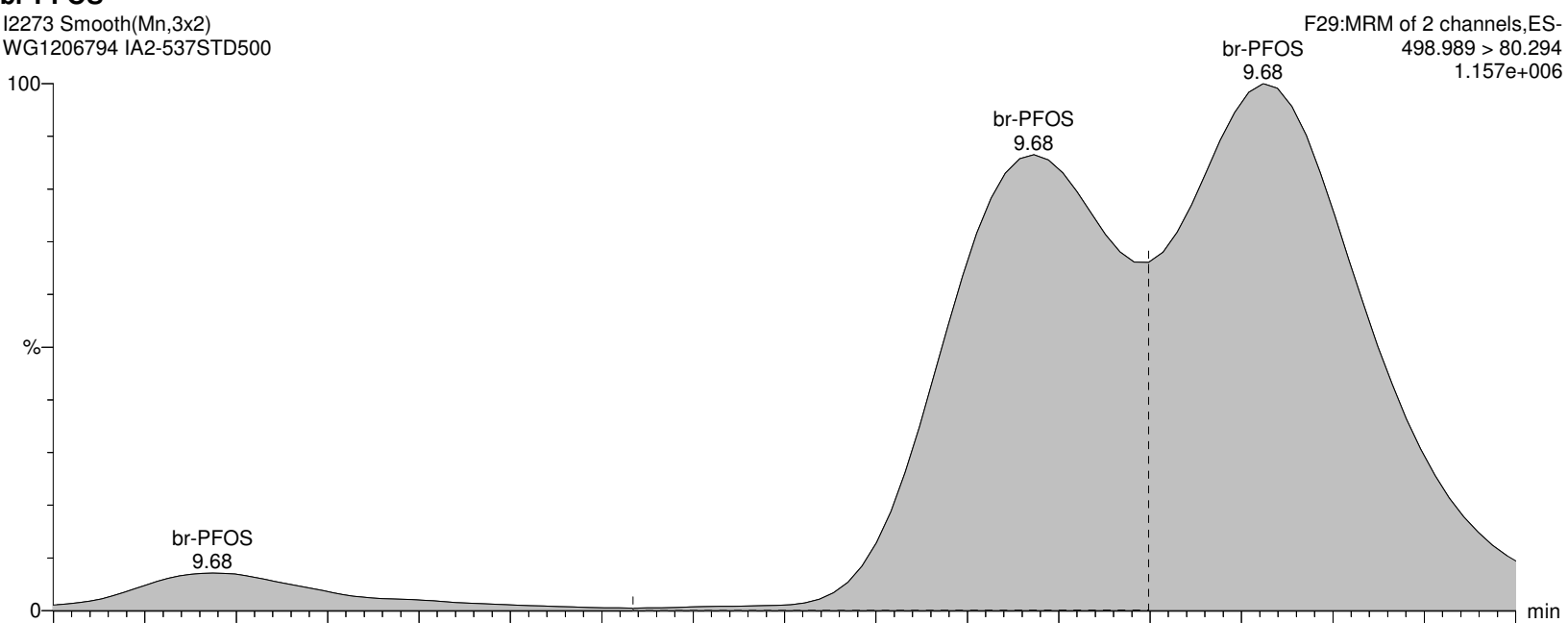
Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOS

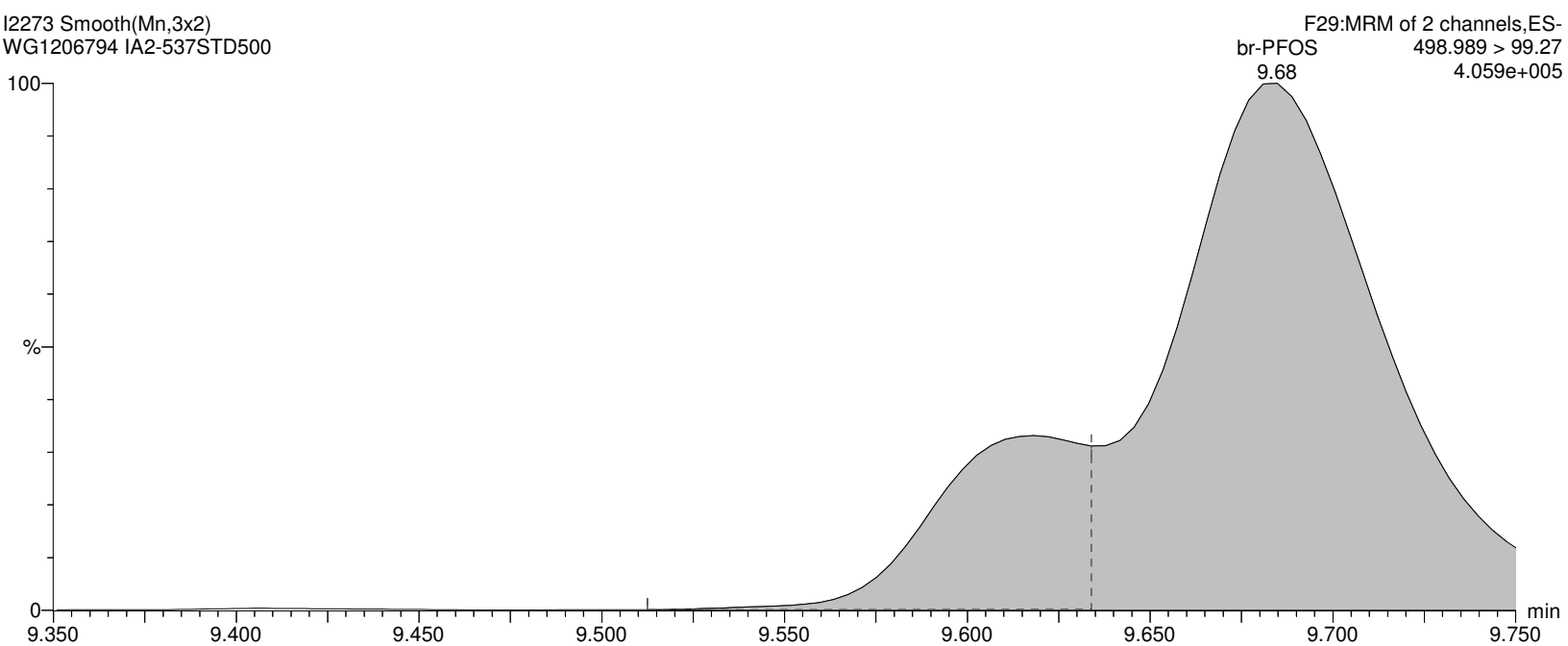
I2273 Smooth(Mn,3x2)

WG1206794 IA2-537STD500



I2273 Smooth(Mn,3x2)

WG1206794 IA2-537STD500



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOS

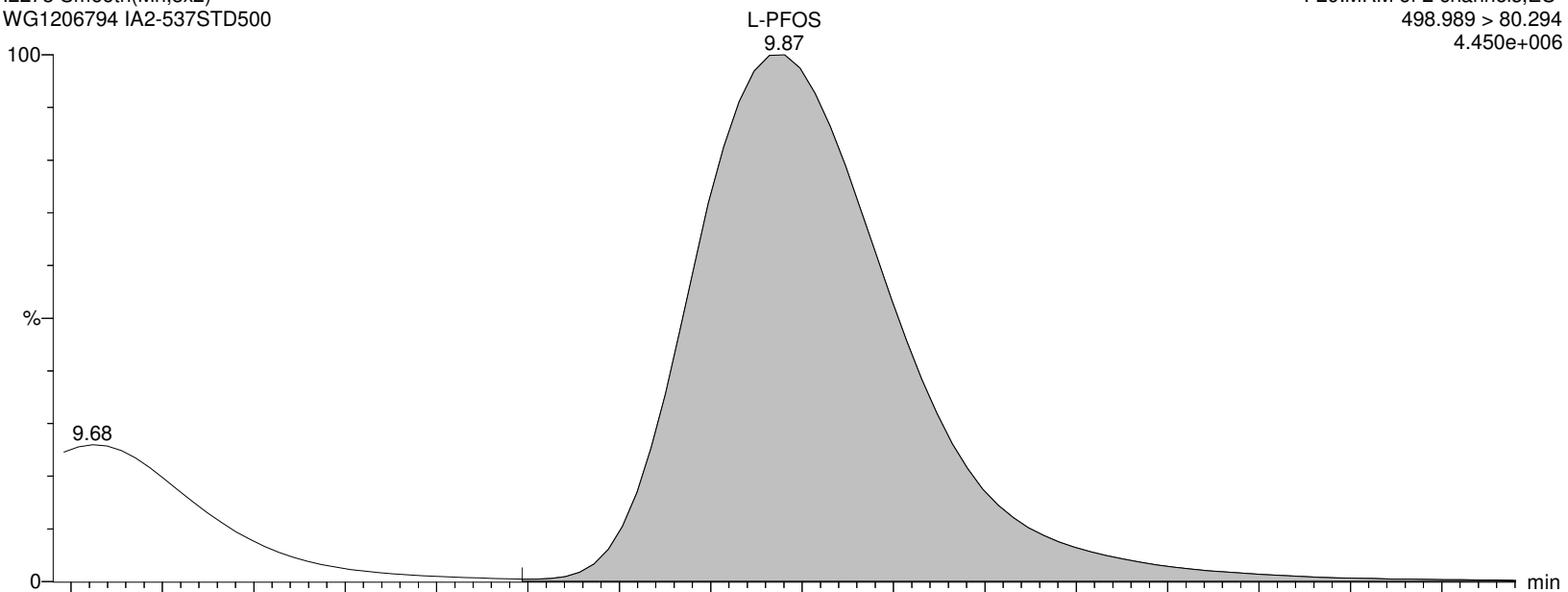
I2273 Smooth(Mn,3x2)

WG1206794 IA2-537STD500

F29:MRM of 2 channels,ES-

498.989 > 80.294

4.450e+006



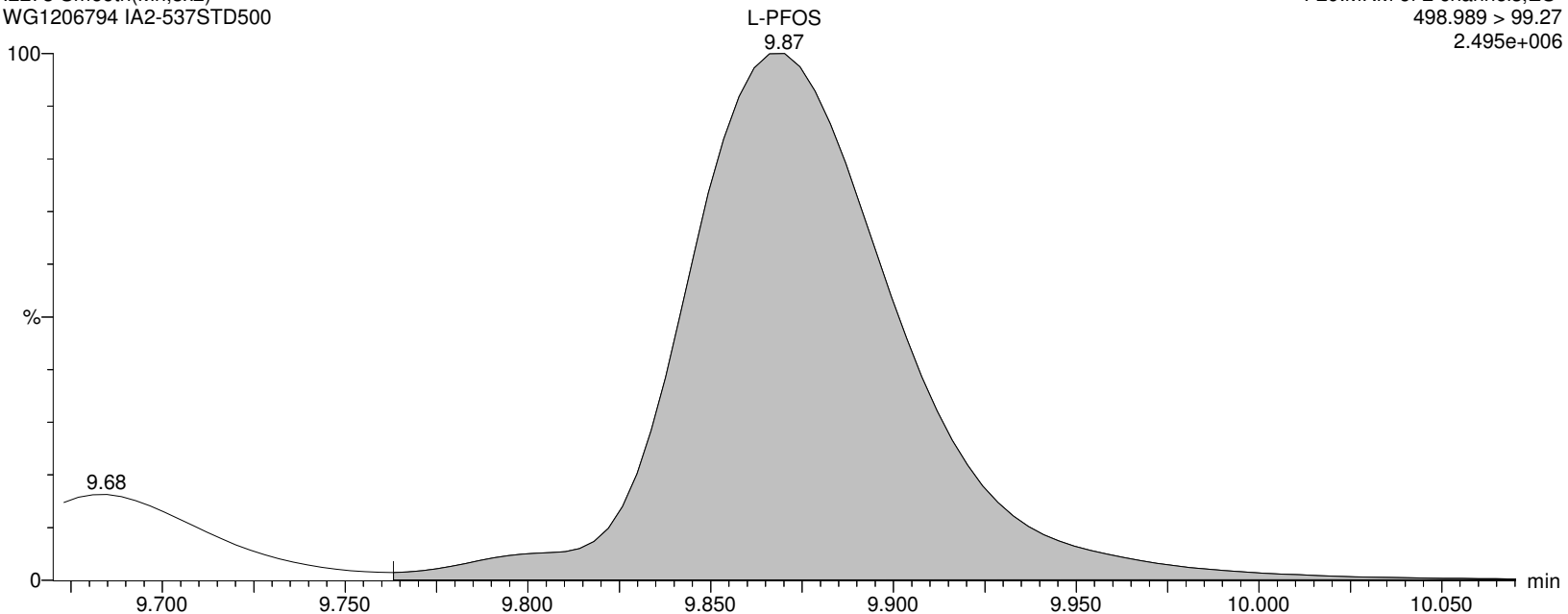
I2273 Smooth(Mn,3x2)

WG1206794 IA2-537STD500

F29:MRM of 2 channels,ES-

498.989 > 99.27

2.495e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOS

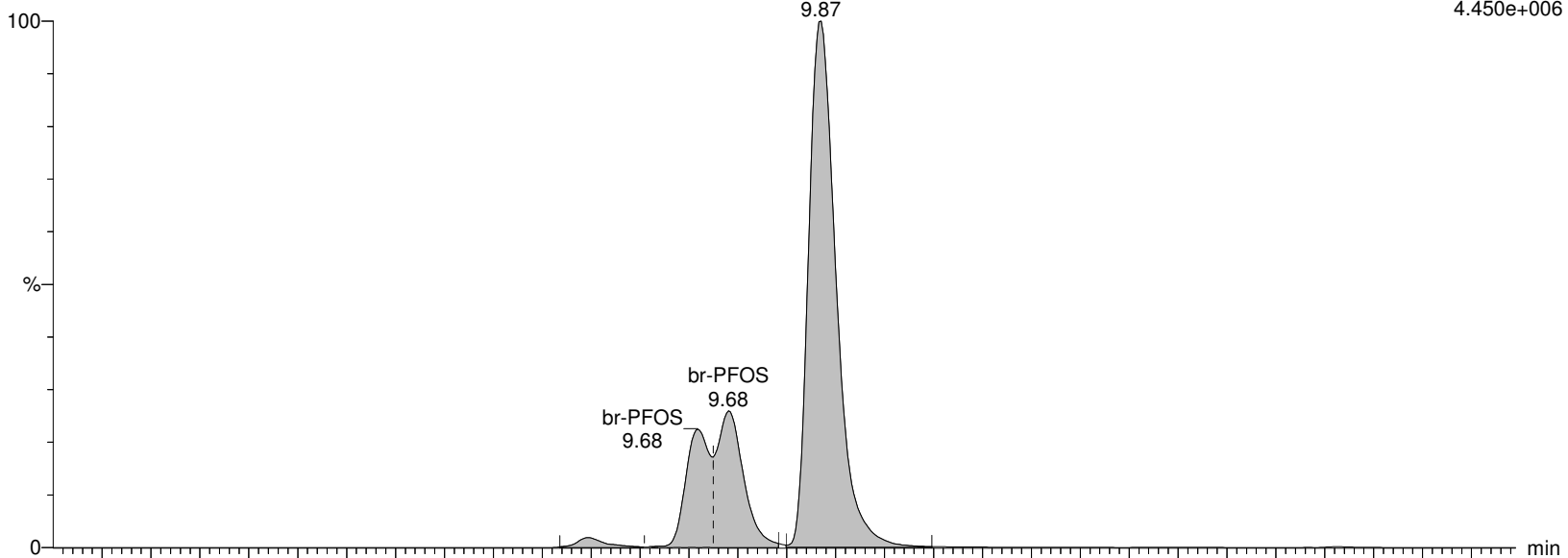
I2273 Smooth(Mn,3x2)

WG1206794 IA2-537STD500

F29:MRM of 2 channels,ES-

498.989 > 80.294

4.450e+006



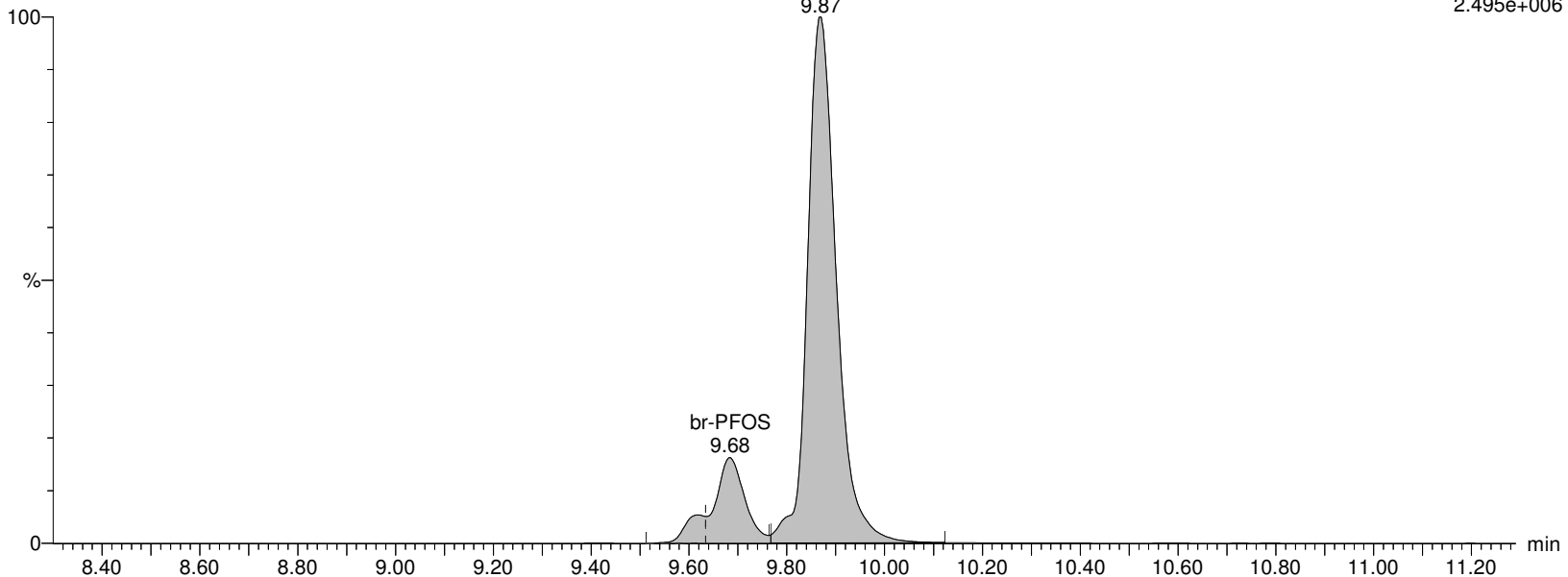
I2273 Smooth(Mn,3x2)

WG1206794 IA2-537STD500

F29:MRM of 2 channels,ES-

498.989 > 99.27

2.495e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFOS

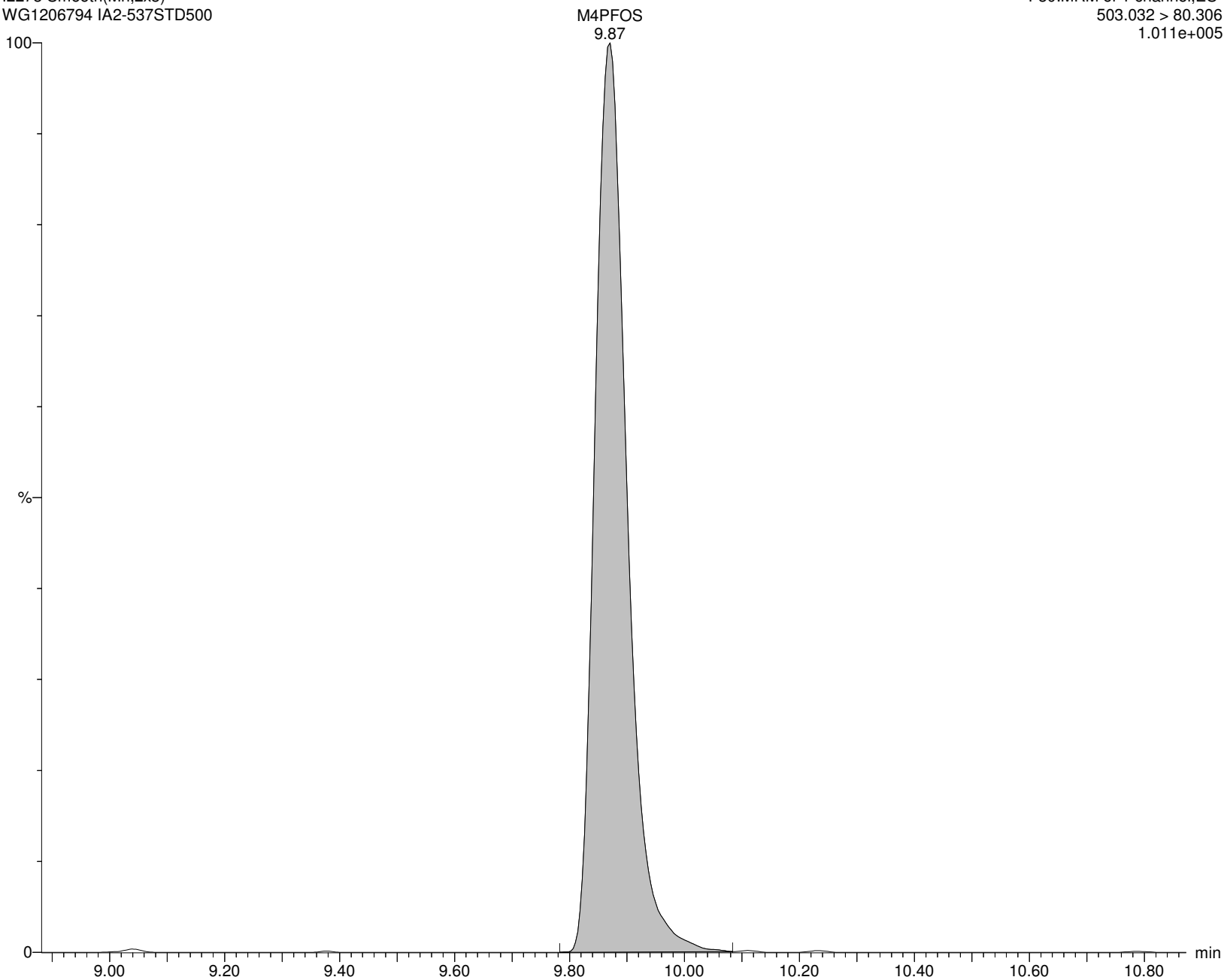
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F30:MRM of 1 channel,ES-

503.032 > 80.306

1.011e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOS

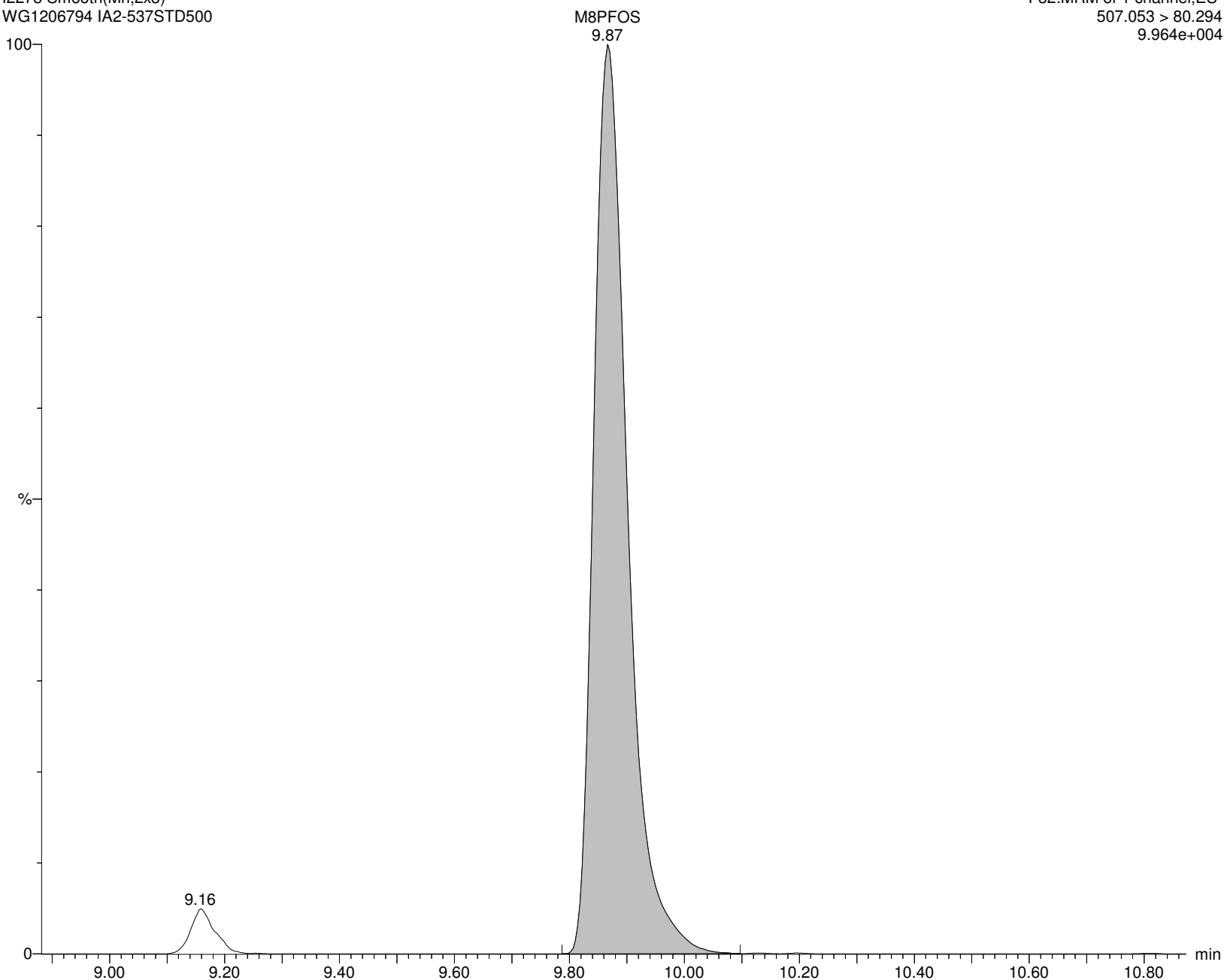
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F32:MRM of 1 channel,ES-

507.053 > 80.294

9.964e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDA

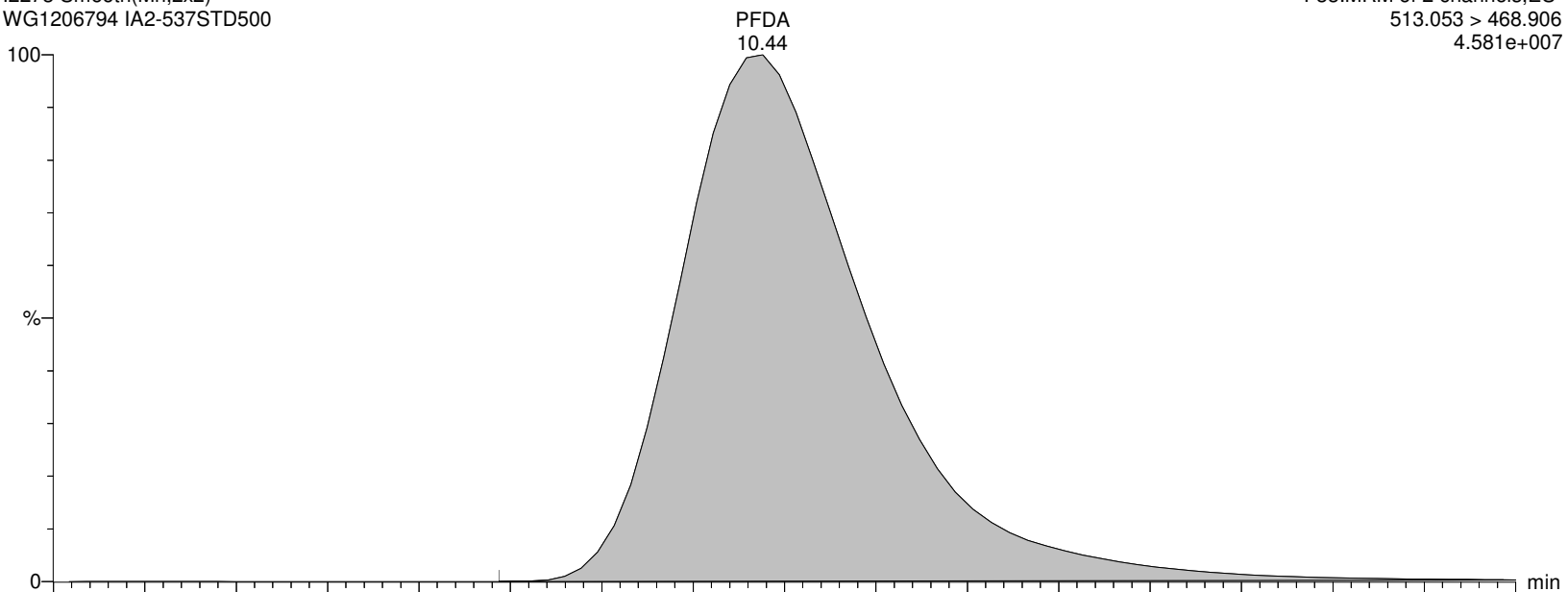
I2273 Smooth(Mn,2x2)

WG1206794 IA2-537STD500

F33:MRM of 2 channels,ES-

513.053 > 468.906

4.581e+007



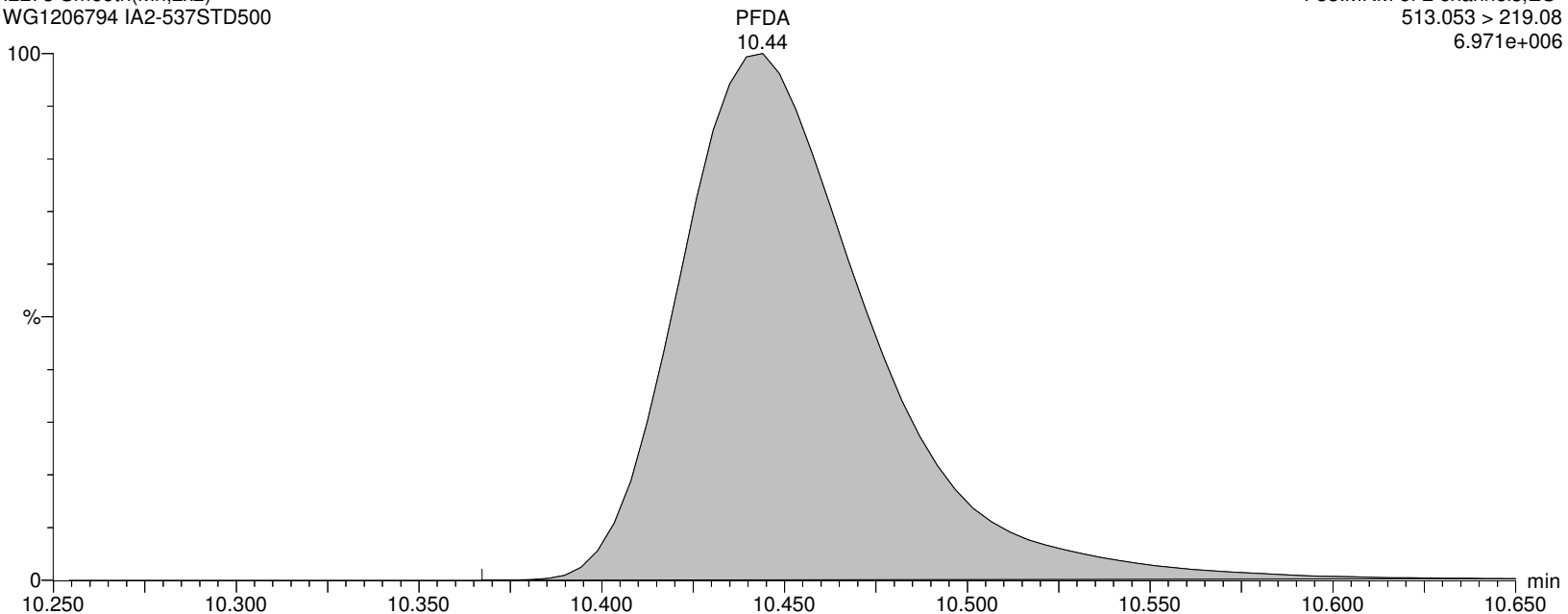
I2273 Smooth(Mn,2x2)

WG1206794 IA2-537STD500

F33:MRM of 2 channels,ES-

513.053 > 219.08

6.971e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFDA

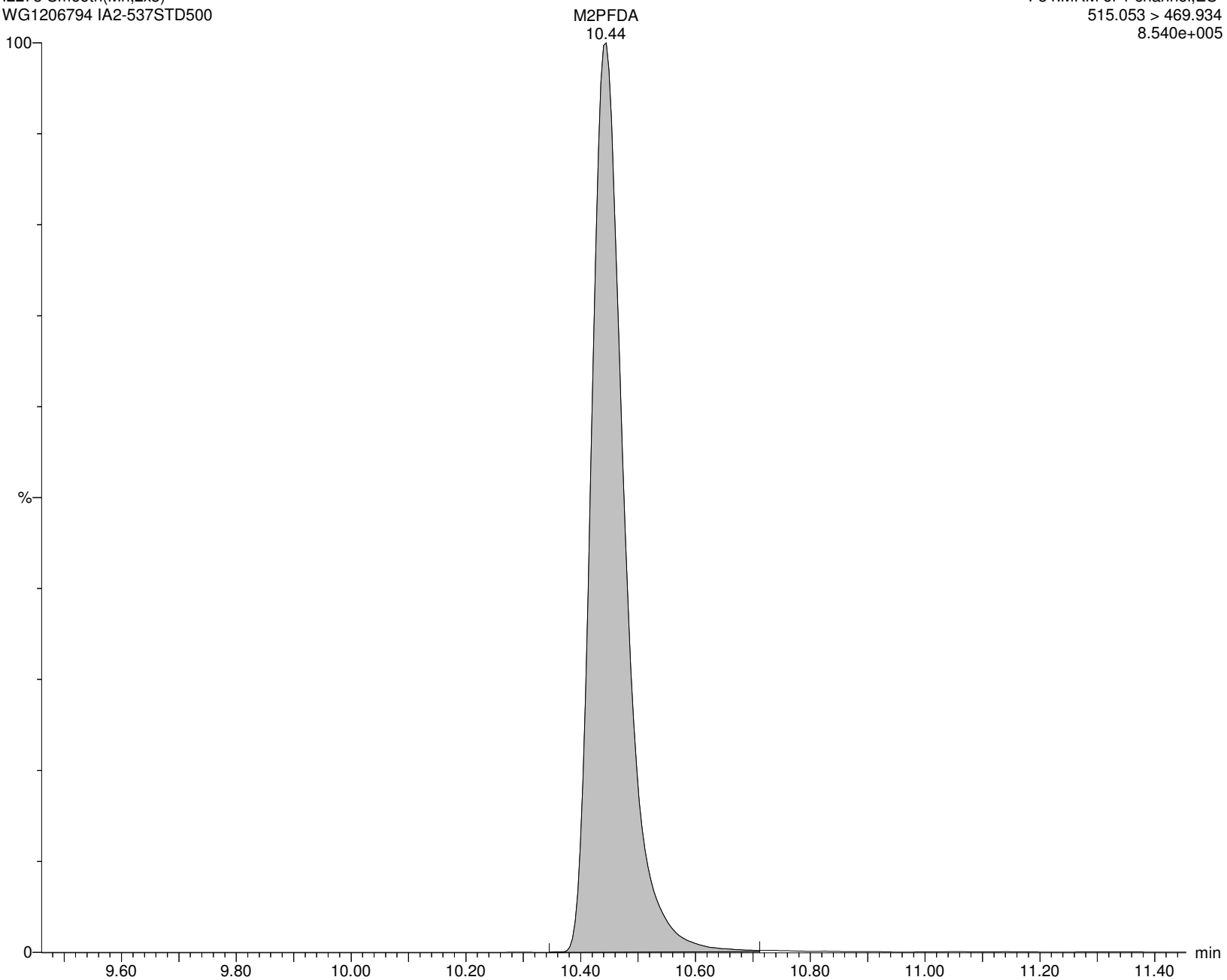
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F34:MRM of 1 channel,ES-

515.053 > 469.934

8.540e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M6PFDA

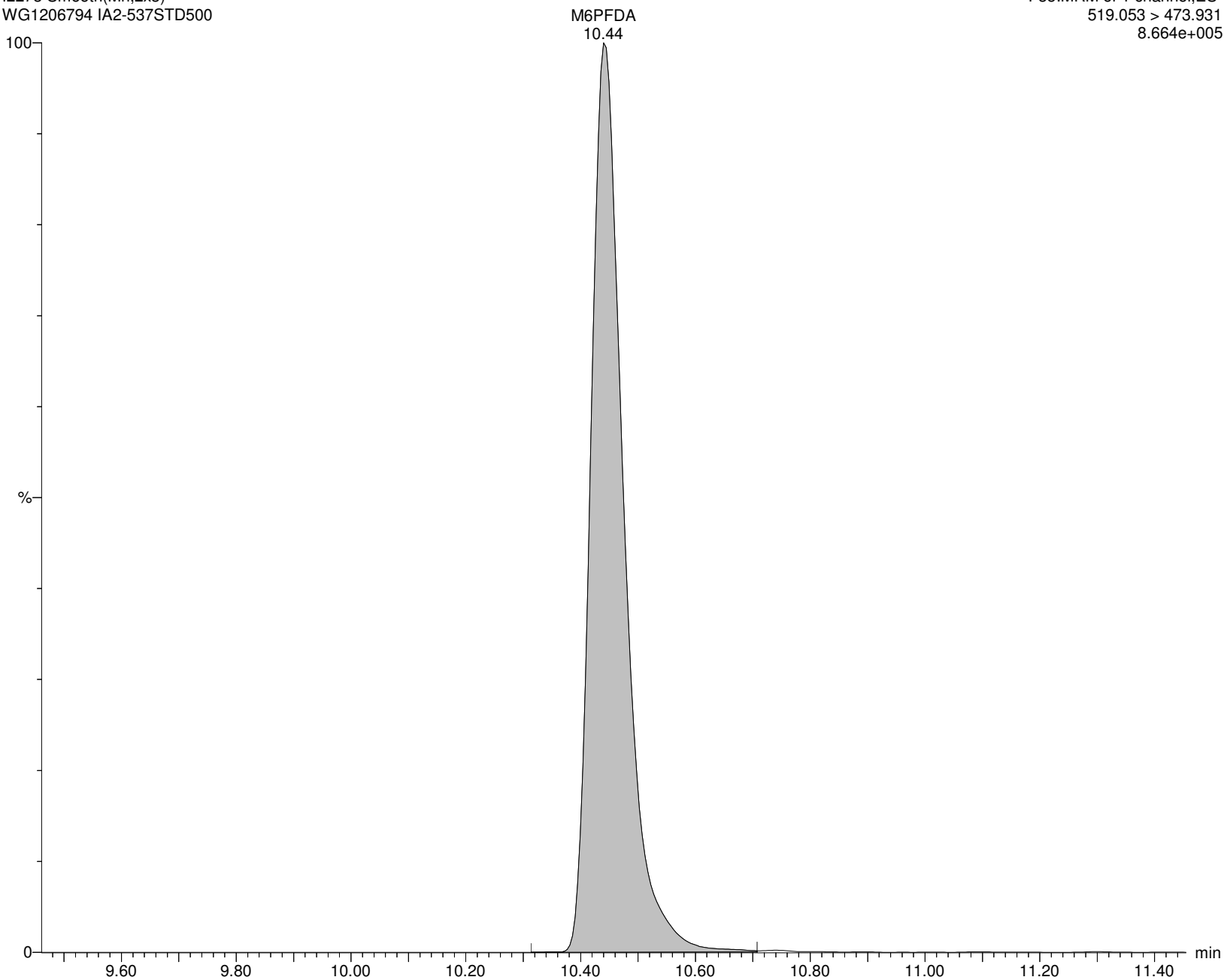
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F35:MRM of 1 channel,ES-

519.053 > 473.931

8.664e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

8:2FTS

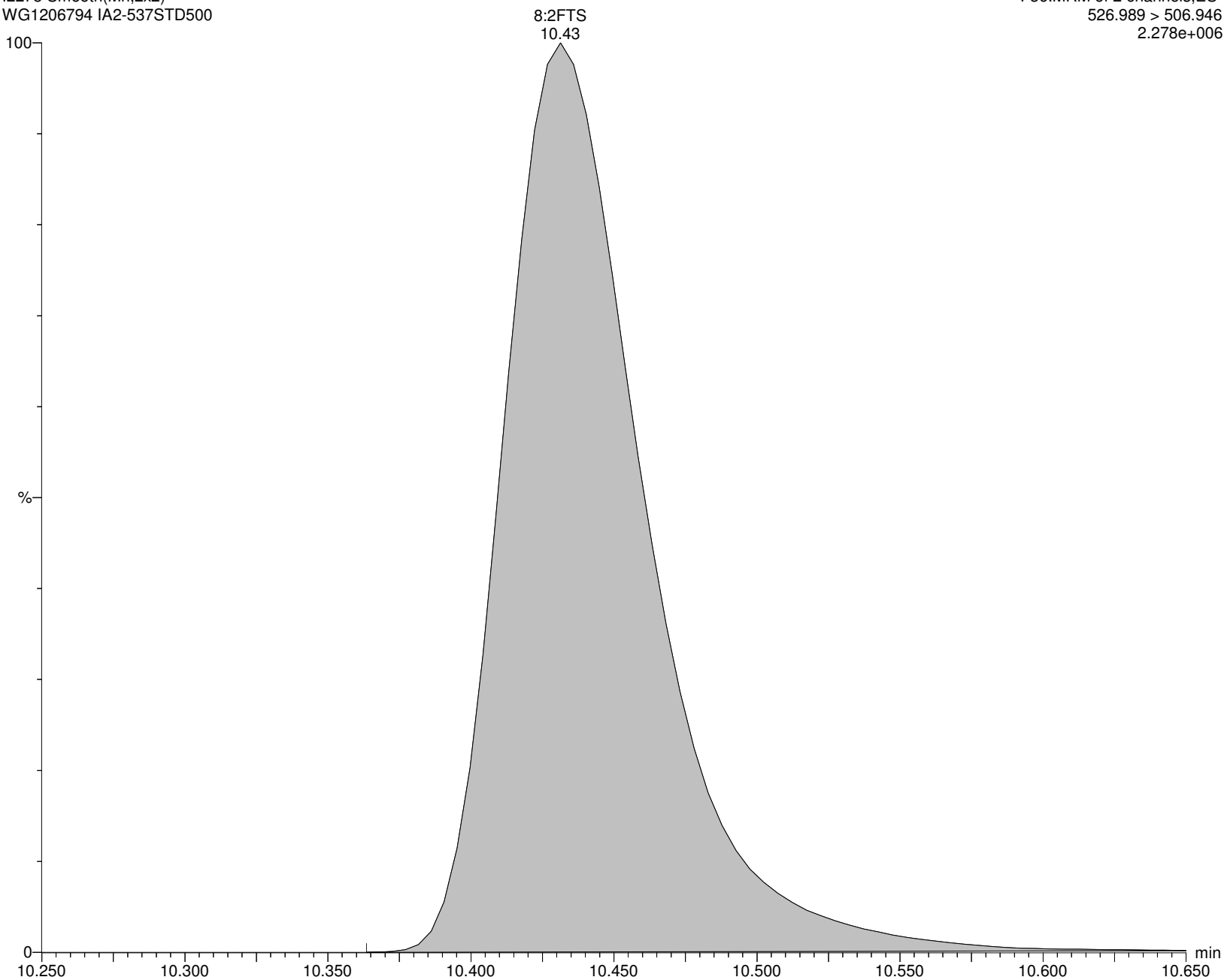
I2273 Smooth(Mn,2x2)

WG1206794 IA2-537STD500

F36:MRM of 2 channels,ES-

526.989 > 506.946

2.278e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-8:2FTS

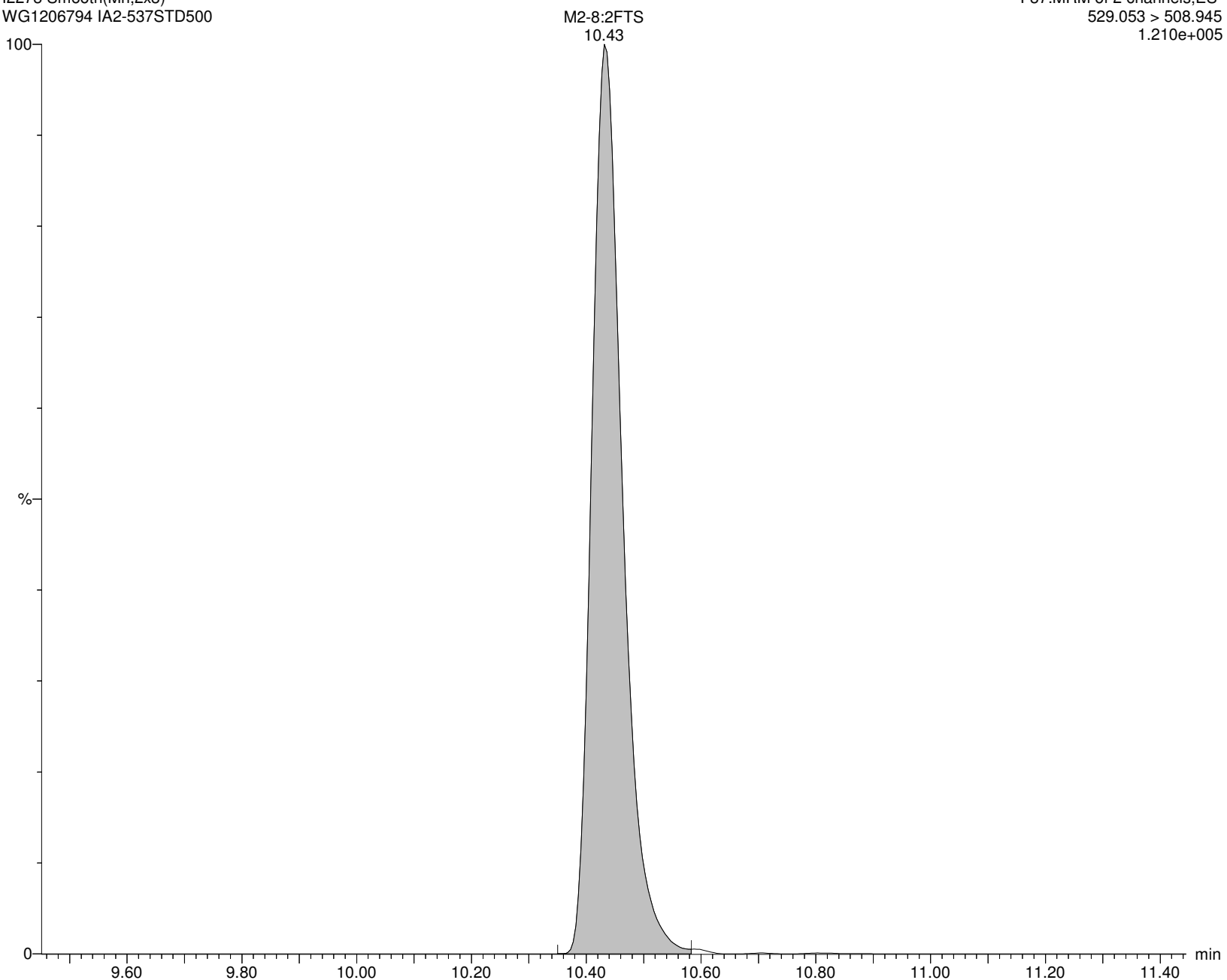
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F37:MRM of 2 channels,ES-

529.053 > 508.945

1.210e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNS

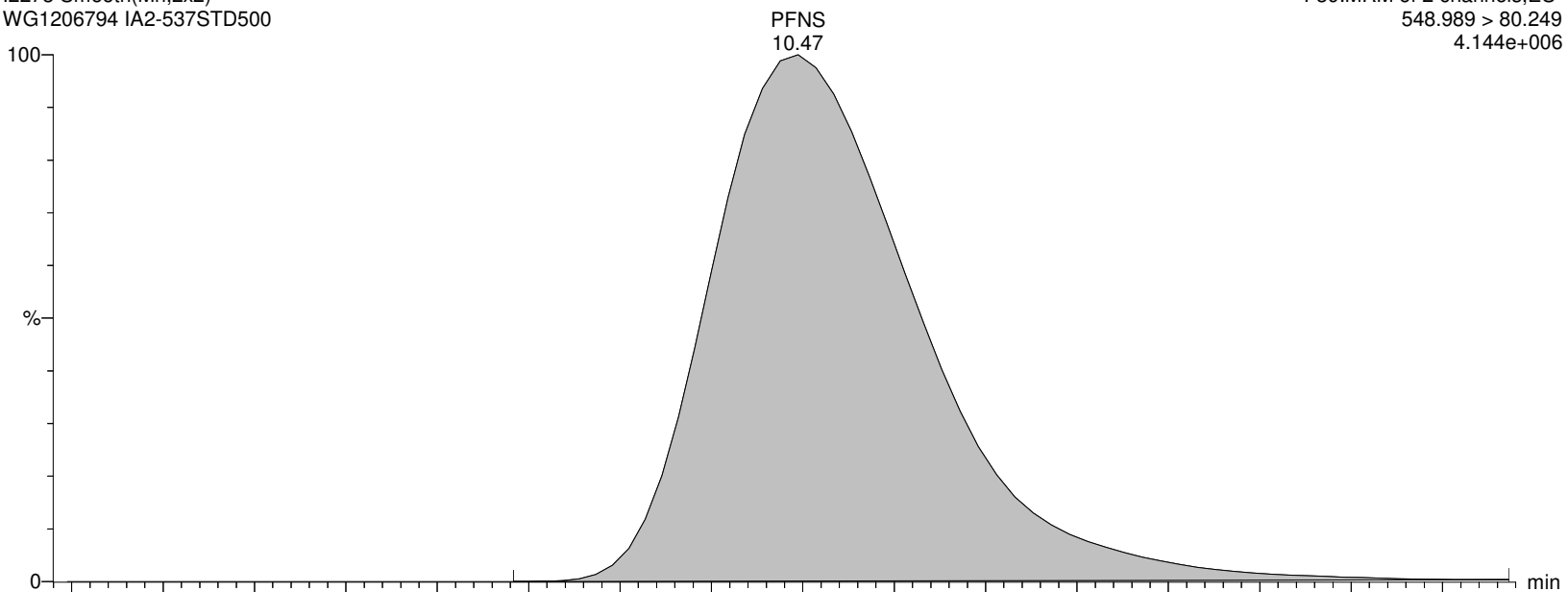
I2273 Smooth(Mn,2x2)

WG1206794 IA2-537STD500

F39:MRM of 2 channels,ES-

548.989 > 80.249

4.144e+006



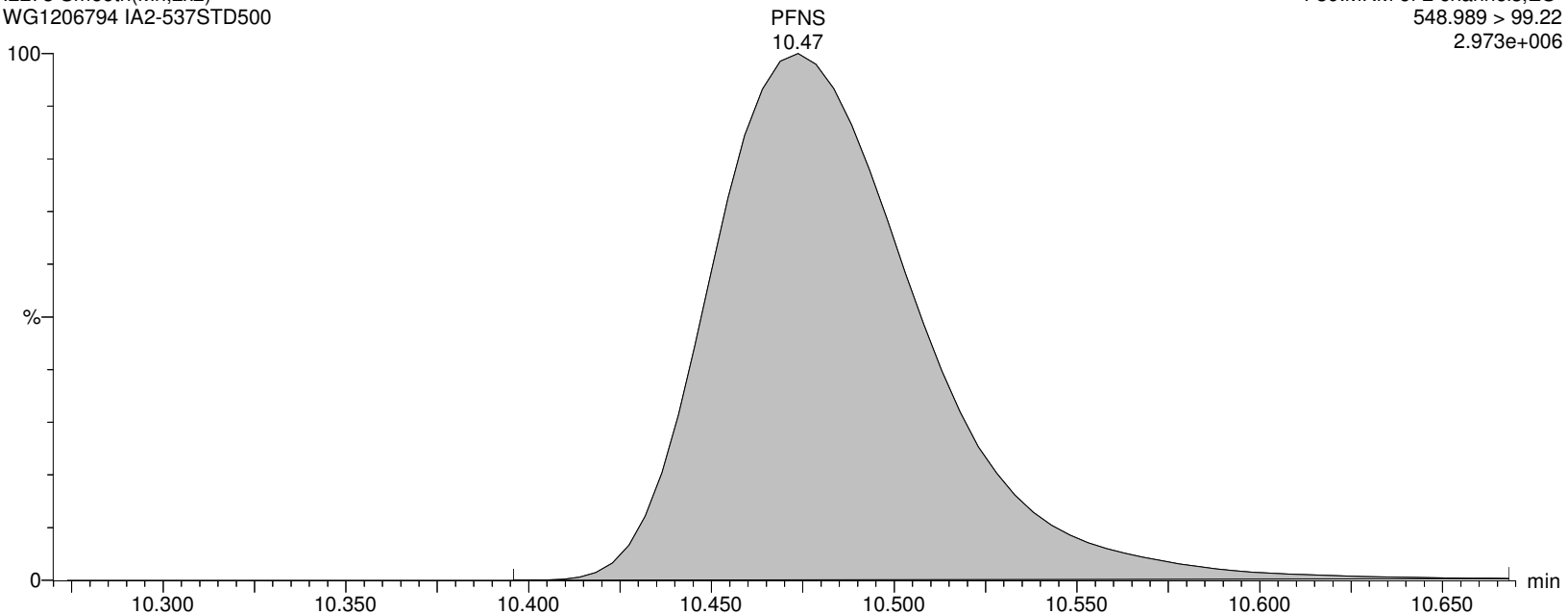
I2273 Smooth(Mn,2x2)

WG1206794 IA2-537STD500

F39:MRM of 2 channels,ES-

548.989 > 99.22

2.973e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d3-NMeFOSAA

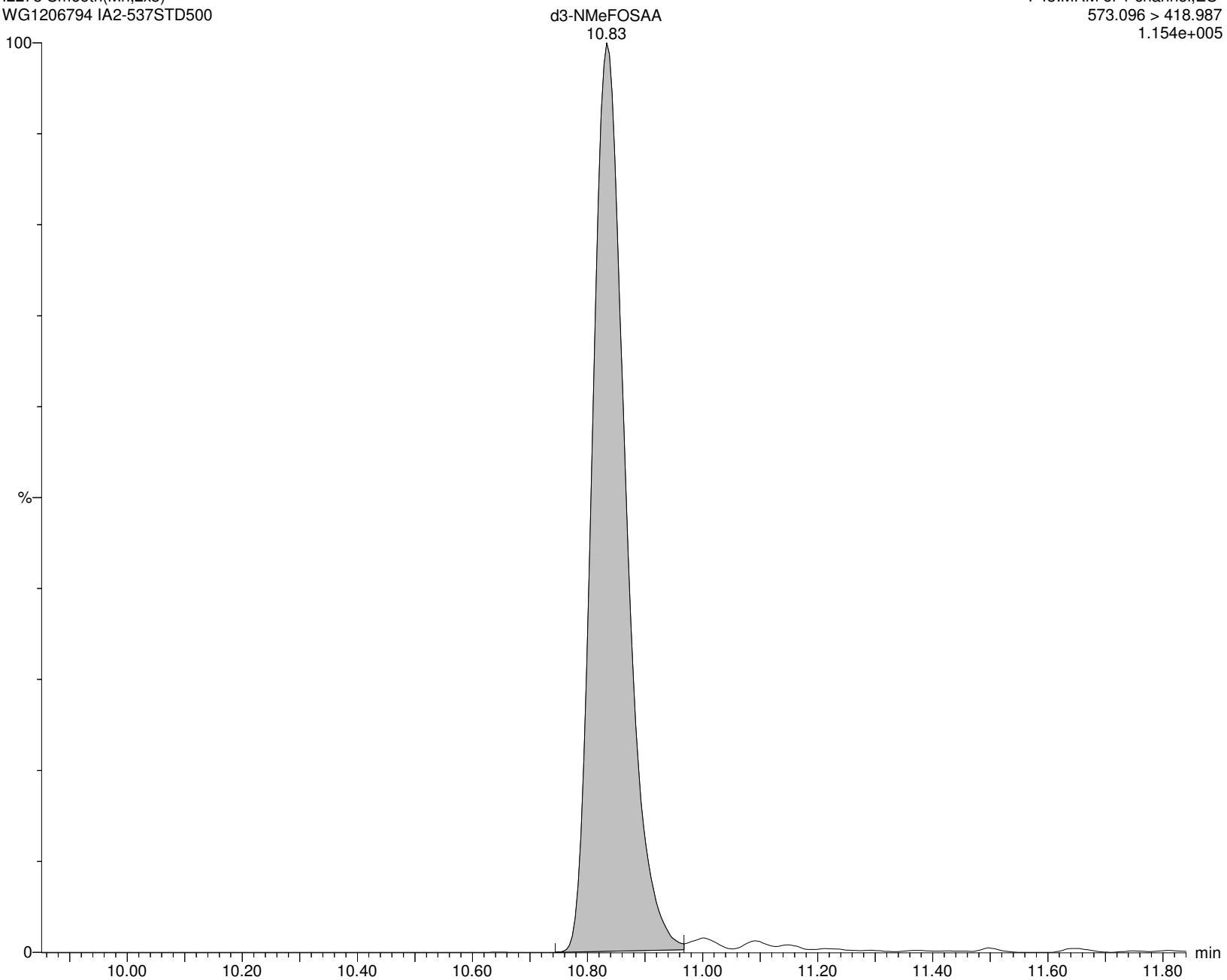
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F43:MRM of 1 channel,ES-

573.096 > 418.987

1.154e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NMeFOSAA

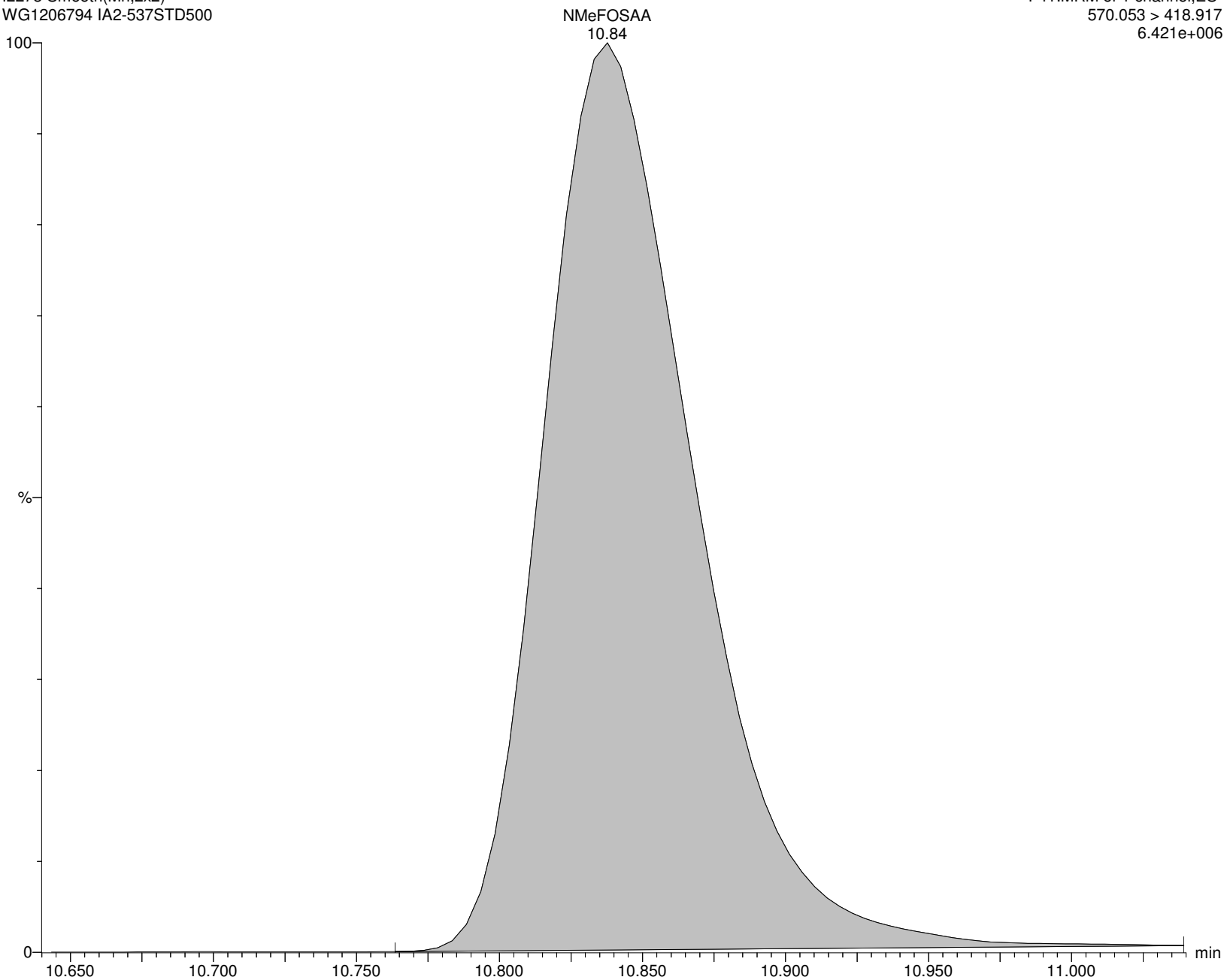
I2273 Smooth(Mn,2x2)

WG1206794 IA2-537STD500

F41:MRM of 1 channel,ES-

570.053 > 418.917

6.421e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFUnA

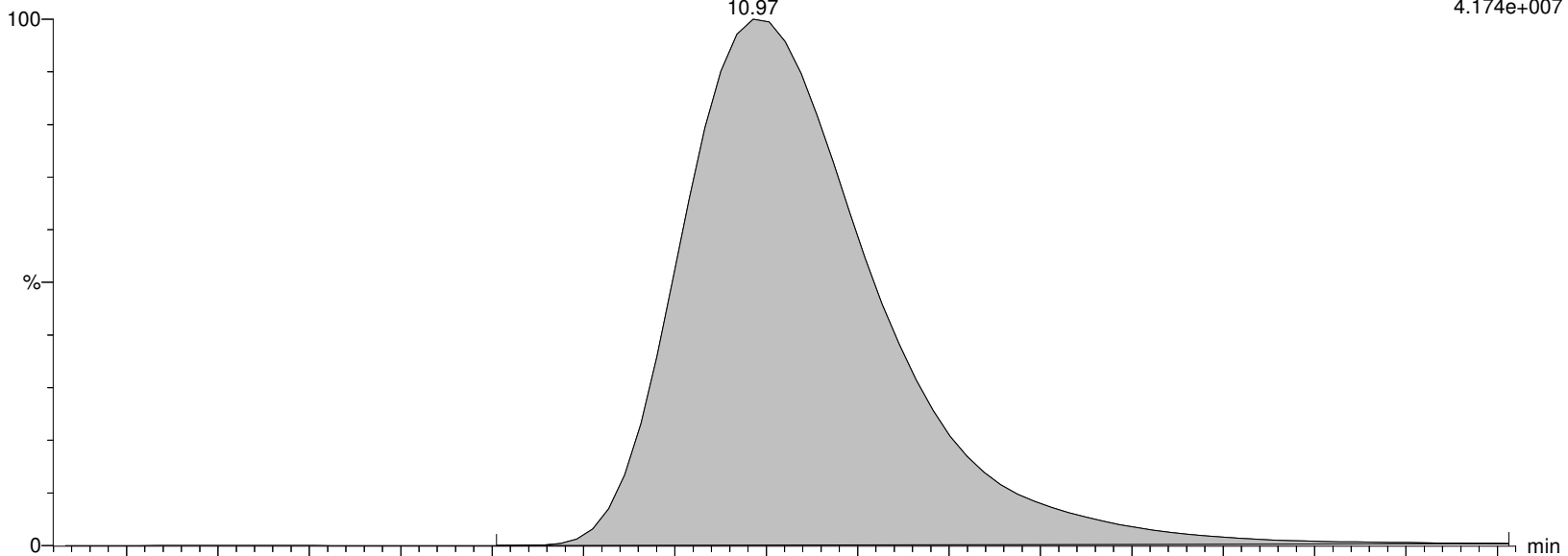
I2273 Smooth(Mn,2x2)

WG1206794 IA2-537STD500

F40:MRM of 2 channels,ES-

562.989 > 518.903

4.174e+007



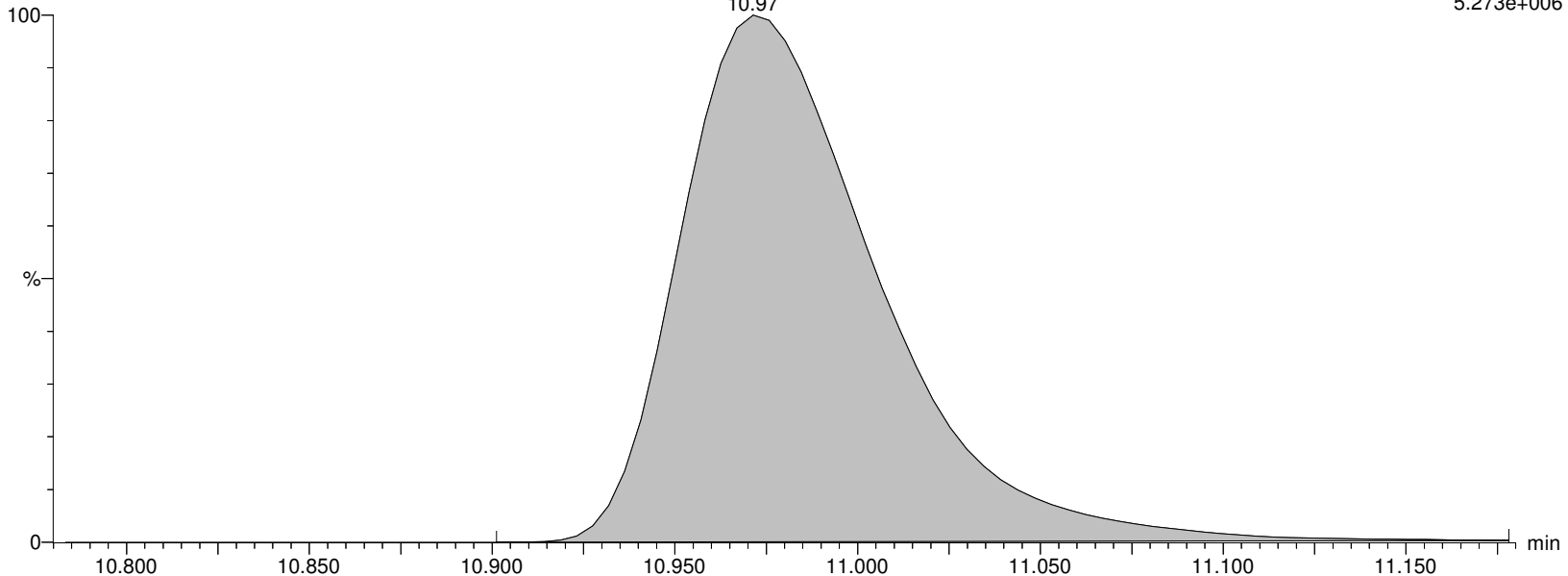
I2273 Smooth(Mn,2x2)

WG1206794 IA2-537STD500

F40:MRM of 2 channels,ES-

562.989 > 269.01

5.273e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M7-PFUDA

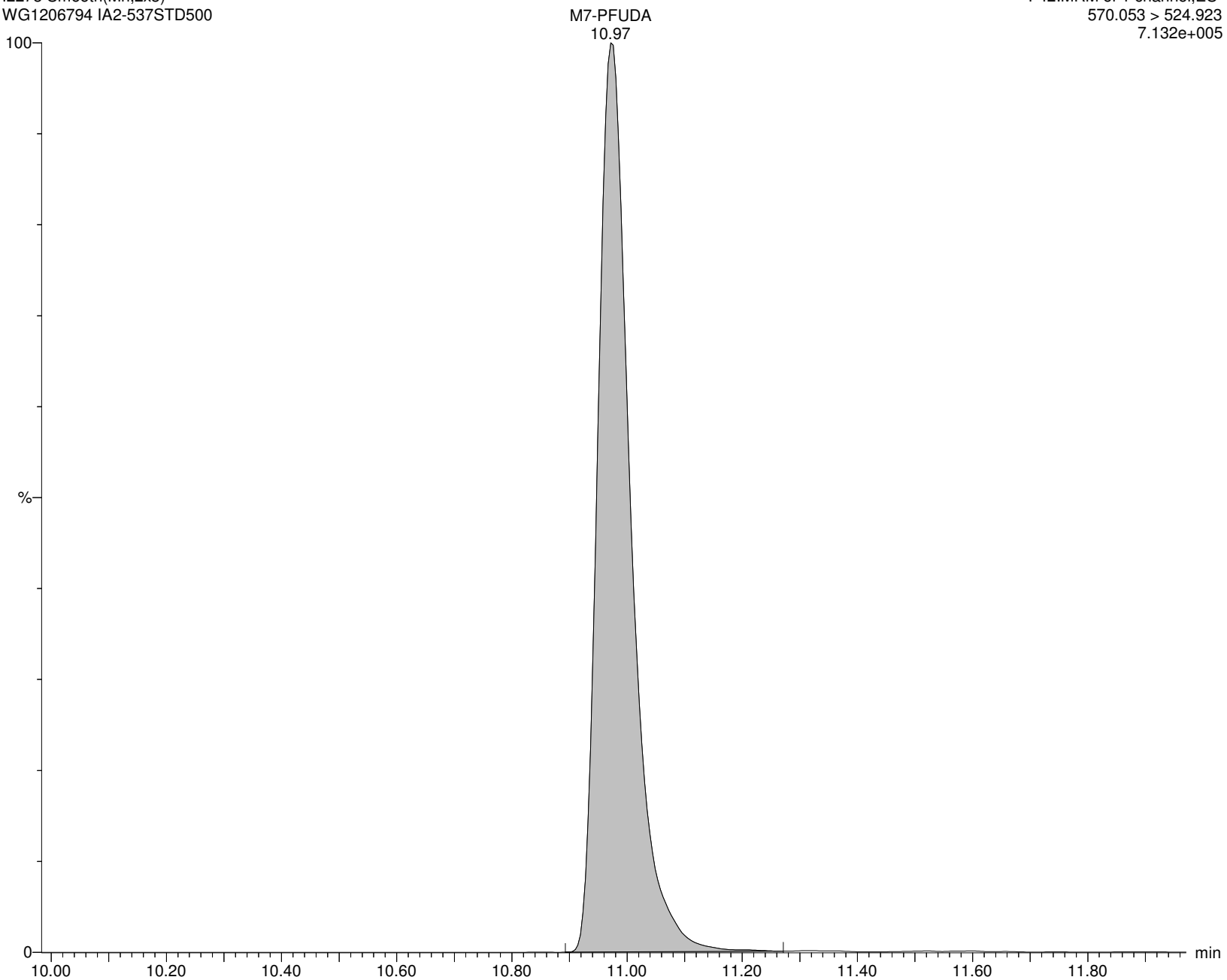
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F42:MRM of 1 channel,ES-

570.053 > 524.923

7.132e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDS

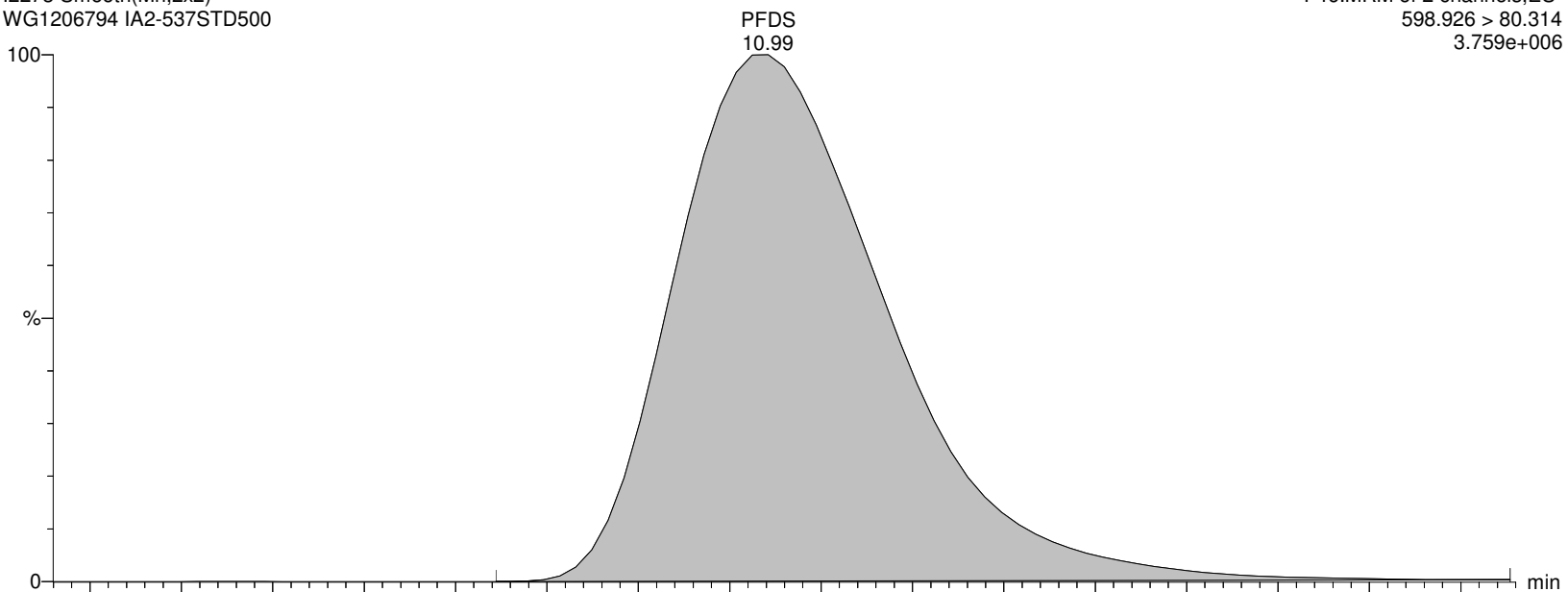
I2273 Smooth(Mn,2x2)

WG1206794 IA2-537STD500

F46:MRM of 2 channels,ES-

598.926 > 80.314

3.759e+006



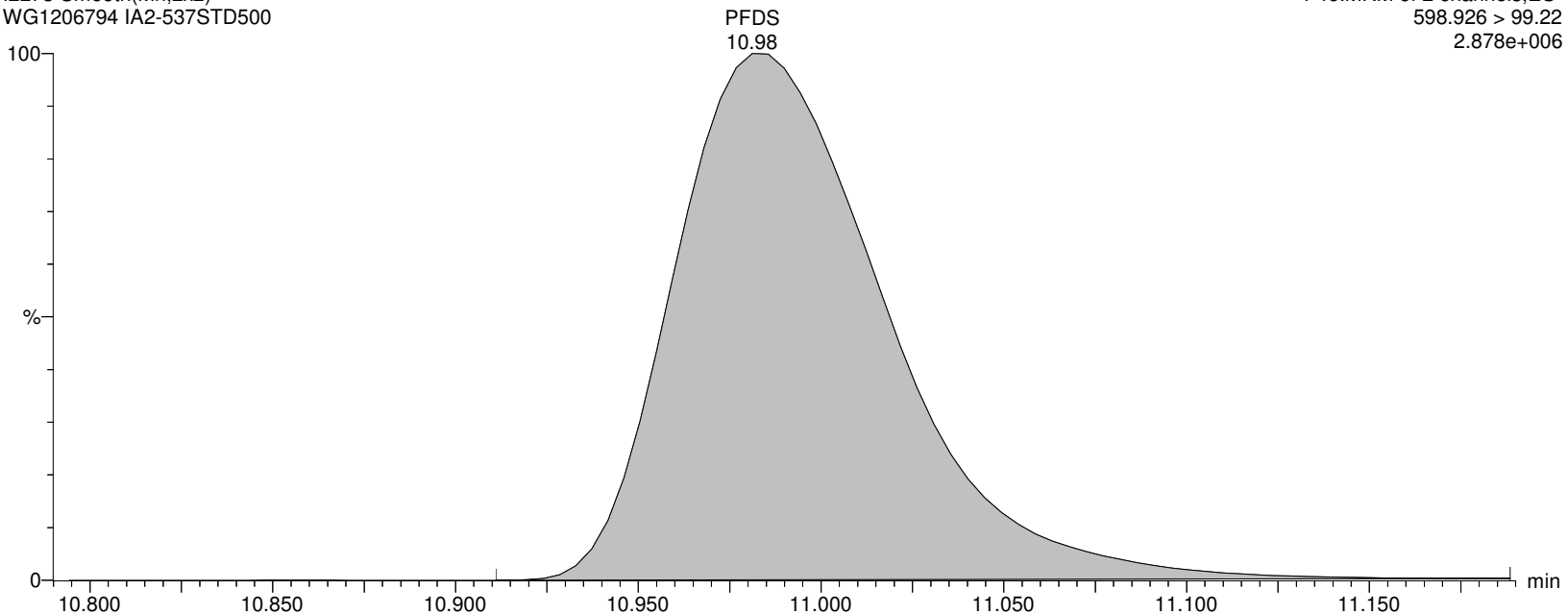
I2273 Smooth(Mn,2x2)

WG1206794 IA2-537STD500

F46:MRM of 2 channels,ES-

598.926 > 99.22

2.878e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

FOSA

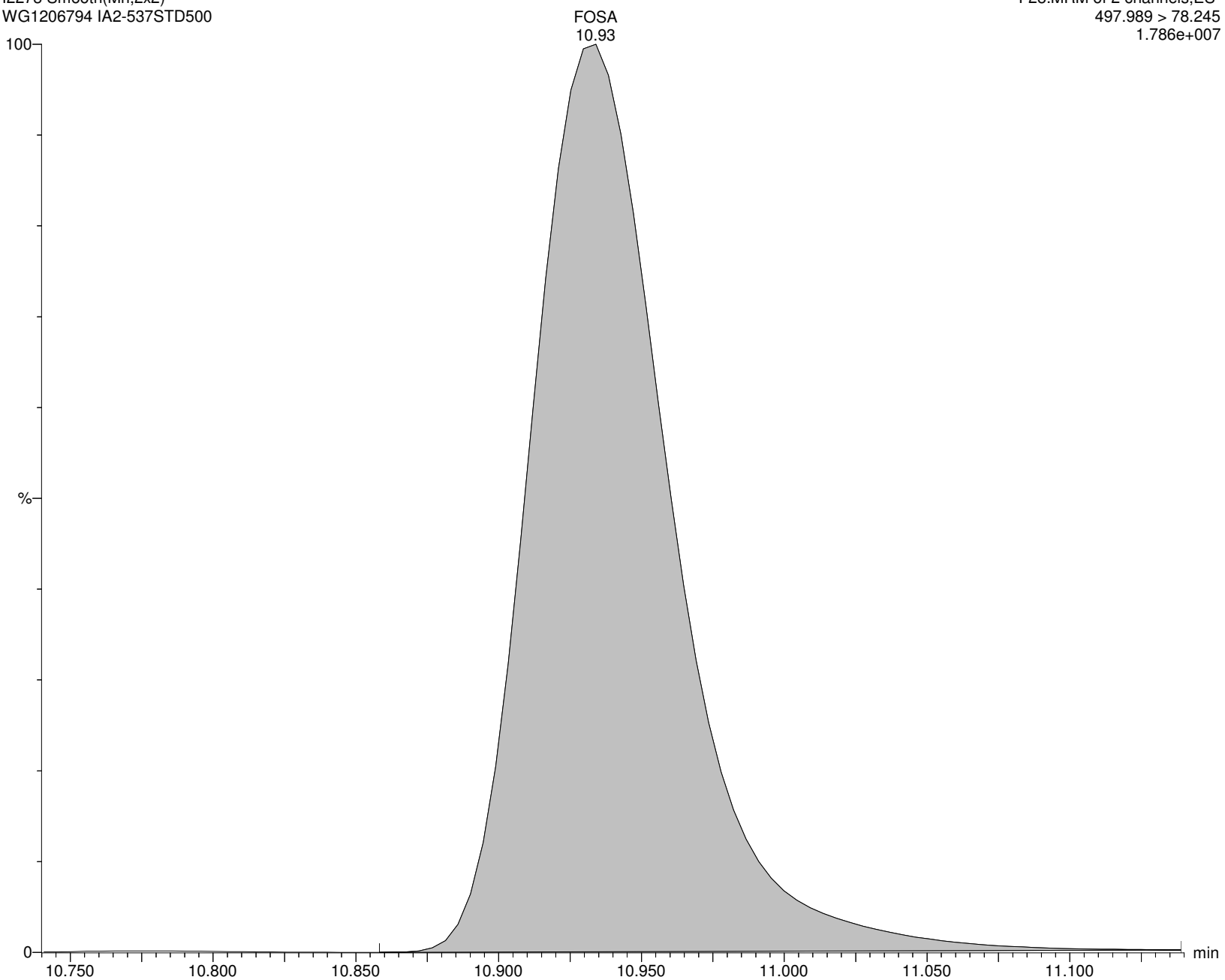
I2273 Smooth(Mn,2x2)

WG1206794 IA2-537STD500

F28:MRM of 2 channels,ES-

497.989 > 78.245

1.786e+007



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8FOSA

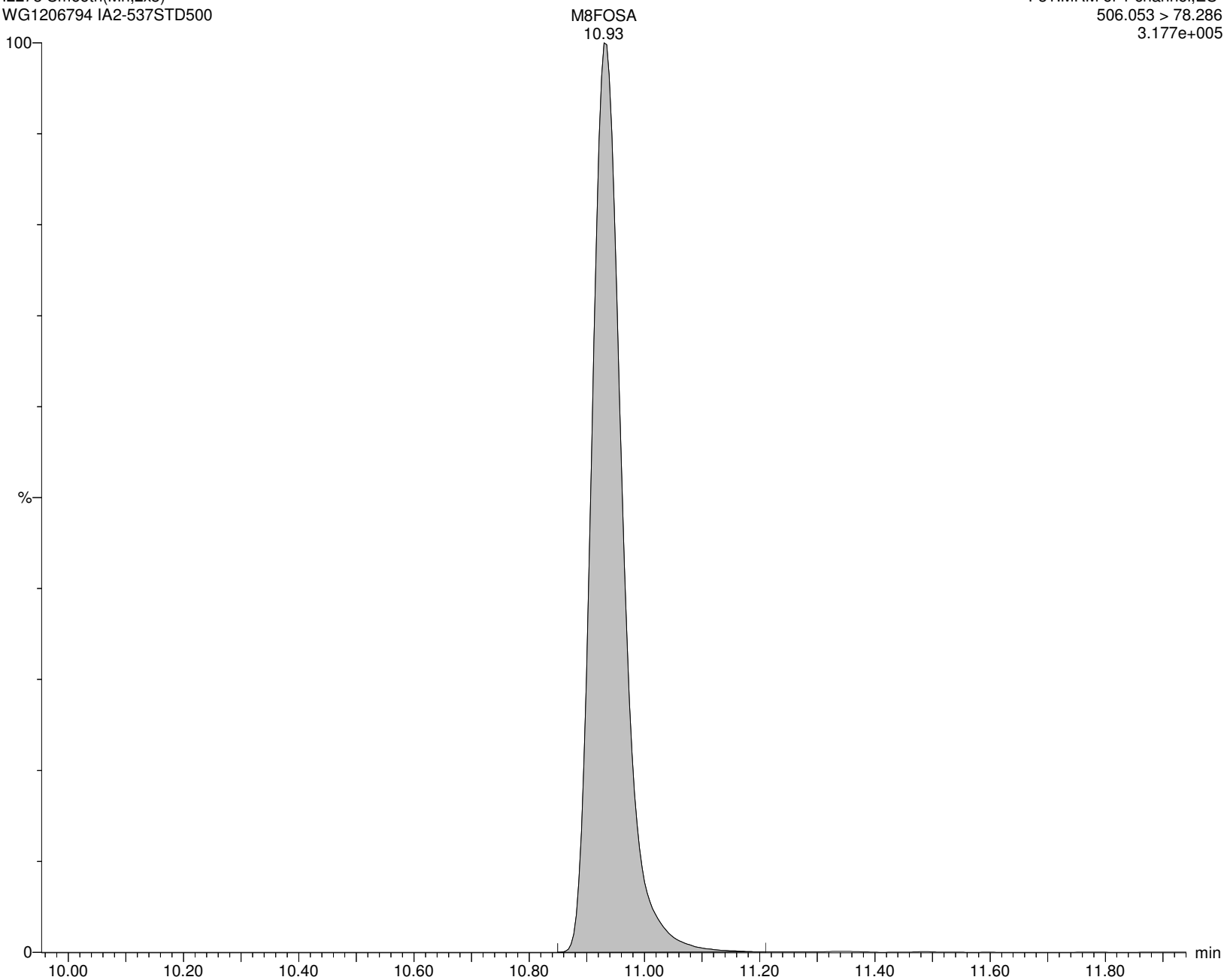
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F31:MRM of 1 channel,ES-

506.053 > 78.286

3.177e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d5-NEtFOSAA

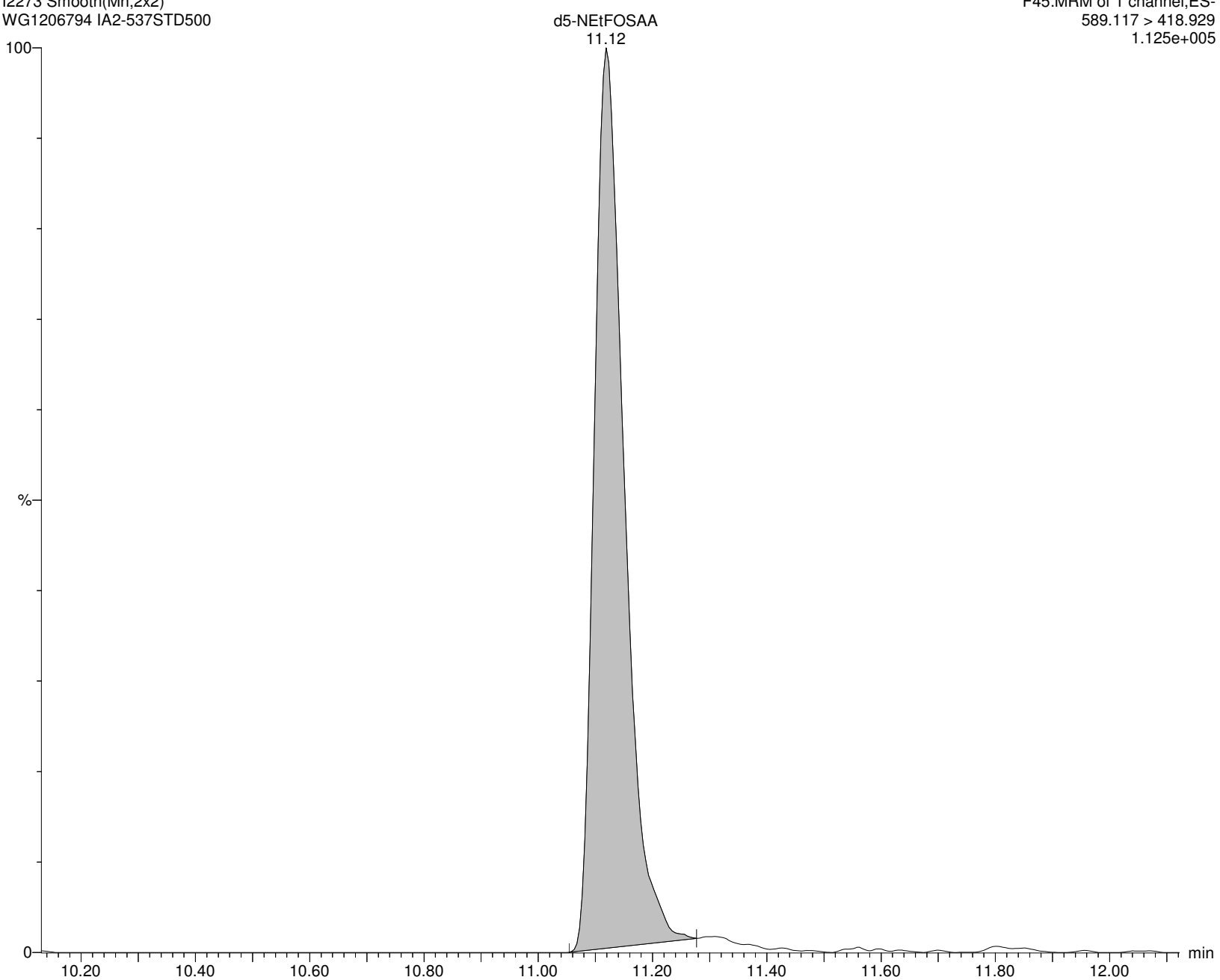
I2273 Smooth(Mn,2x2)

WG1206794 IA2-537STD500

F45:MRM of 1 channel,ES-

589.117 > 418.929

1.125e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NEtFOSAA

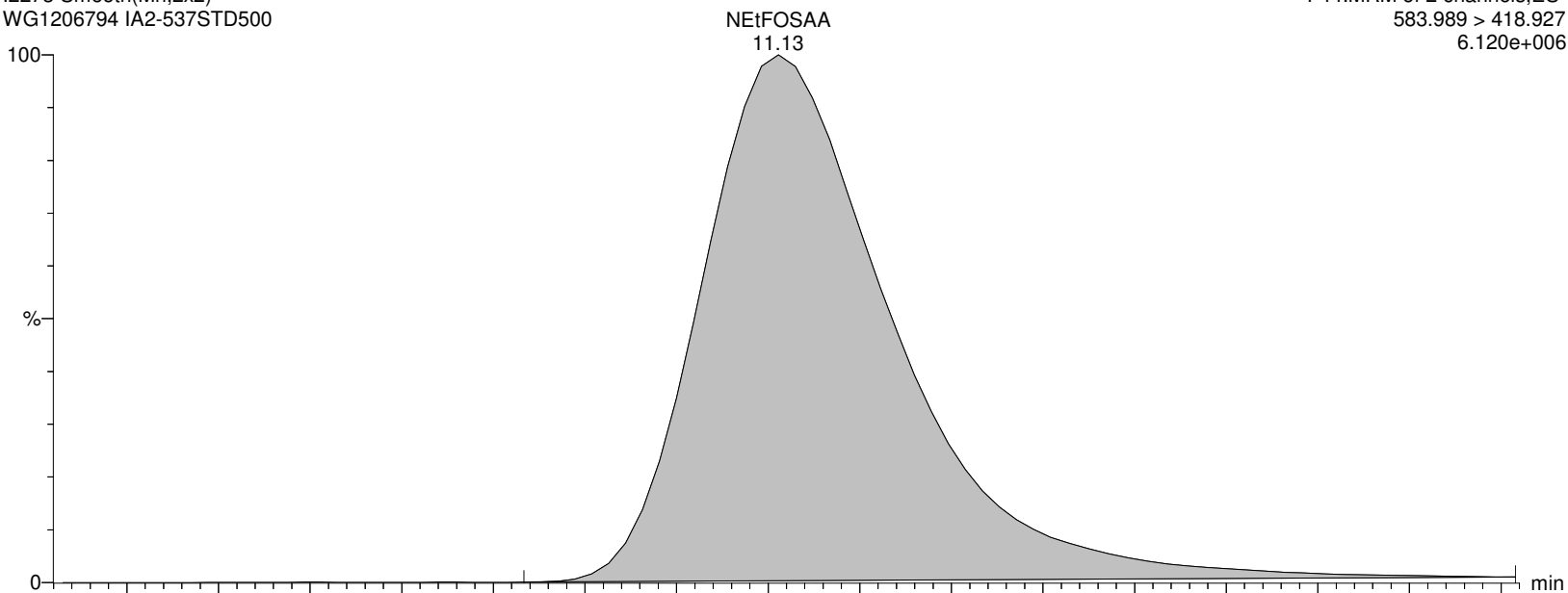
I2273 Smooth(Mn,2x2)

WG1206794 IA2-537STD500

F44:MRM of 2 channels,ES-

583.989 > 418.927

6.120e+006



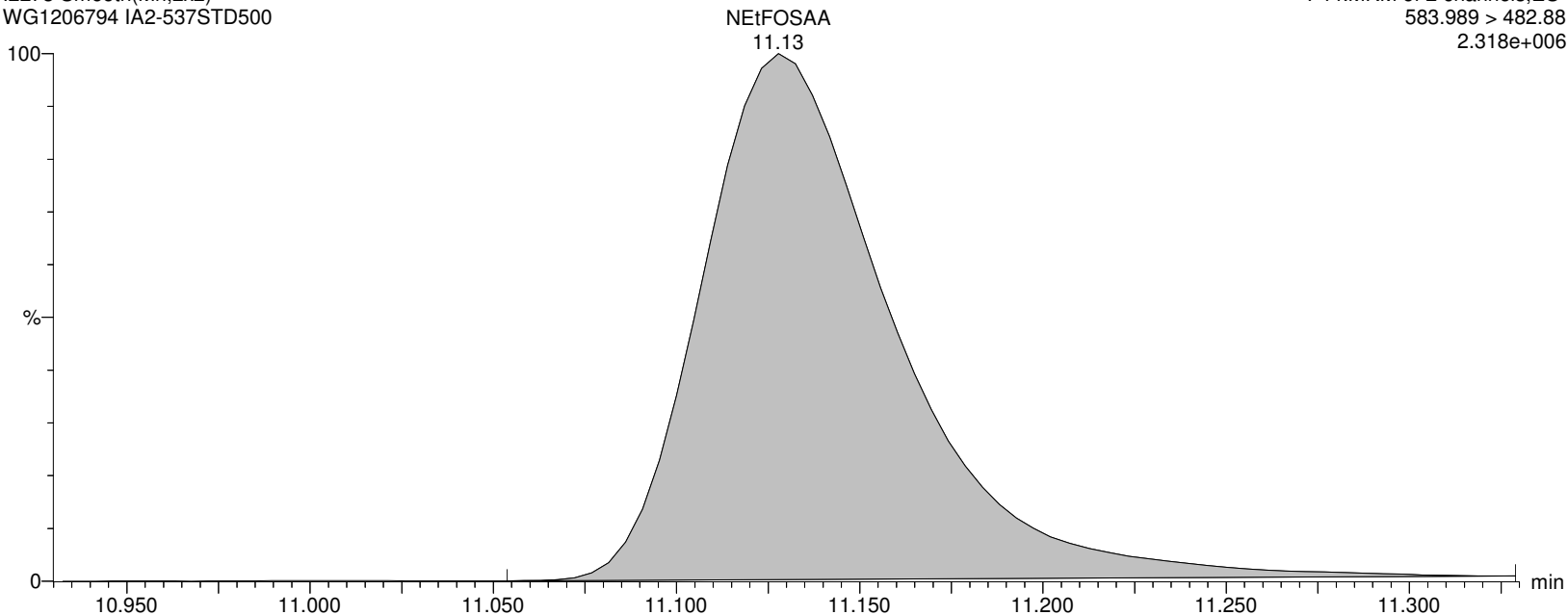
I2273 Smooth(Mn,2x2)

WG1206794 IA2-537STD500

F44:MRM of 2 channels,ES-

583.989 > 482.88

2.318e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

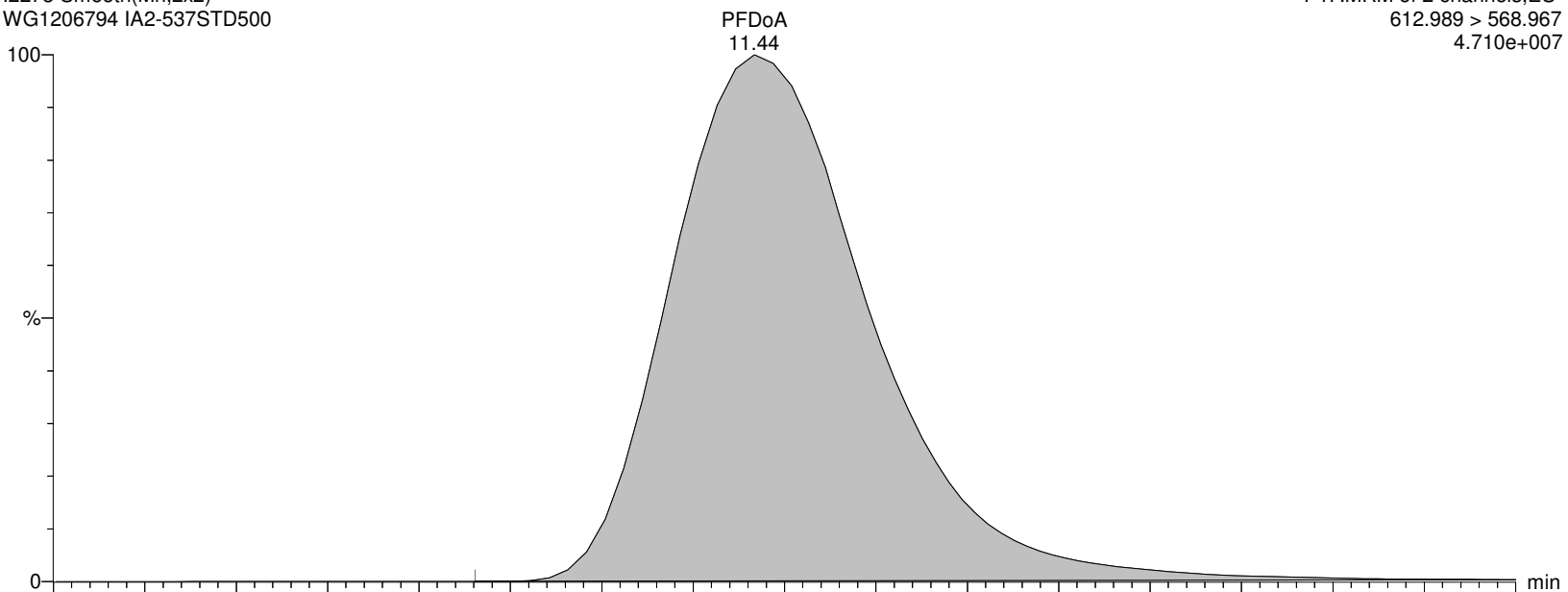
Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDoA

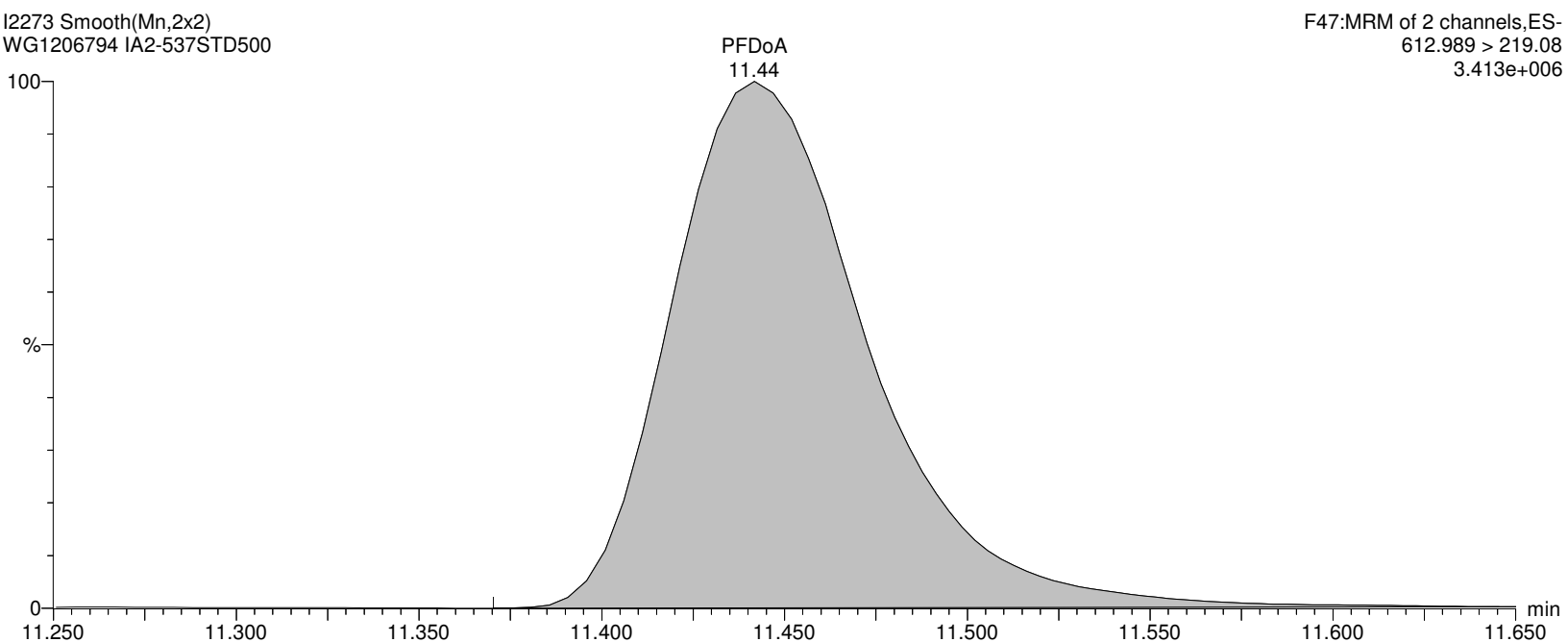
I2273 Smooth(Mn,2x2)

WG1206794 IA2-537STD500



I2273 Smooth(Mn,2x2)

WG1206794 IA2-537STD500



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFDOA

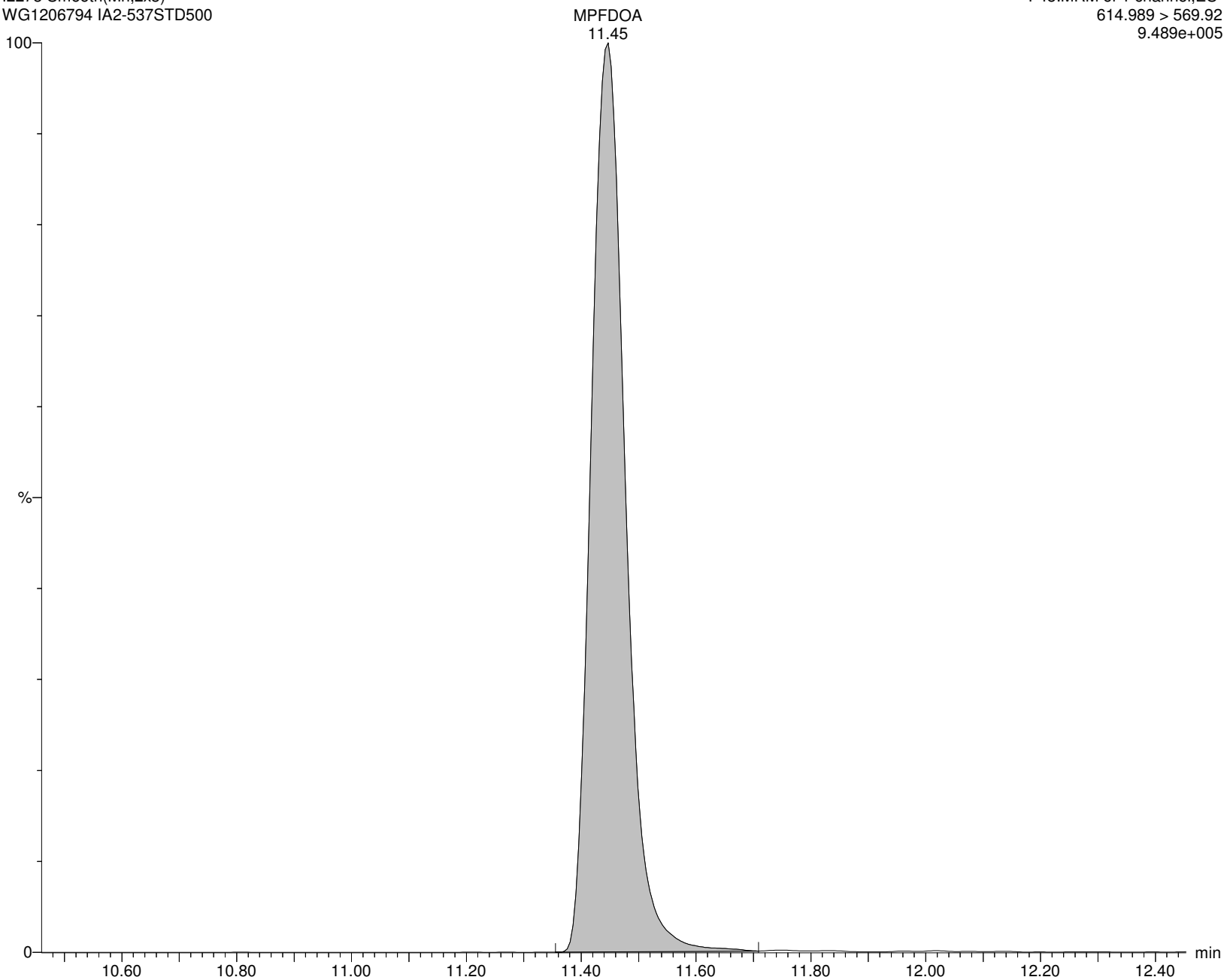
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F48:MRM of 1 channel,ES-

614.989 > 569.92

9.489e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTrDA

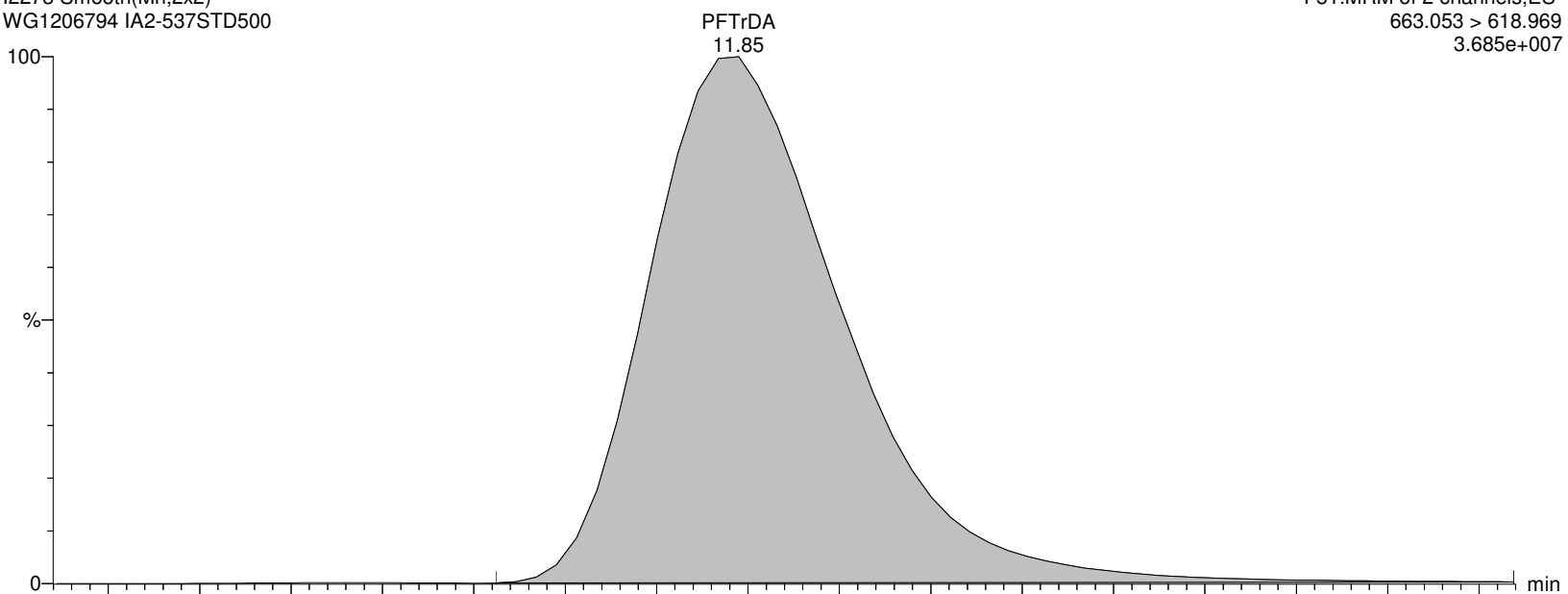
I2273 Smooth(Mn,2x2)

WG1206794 IA2-537STD500

F51:MRM of 2 channels,ES-

663.053 > 618.969

3.685e+007



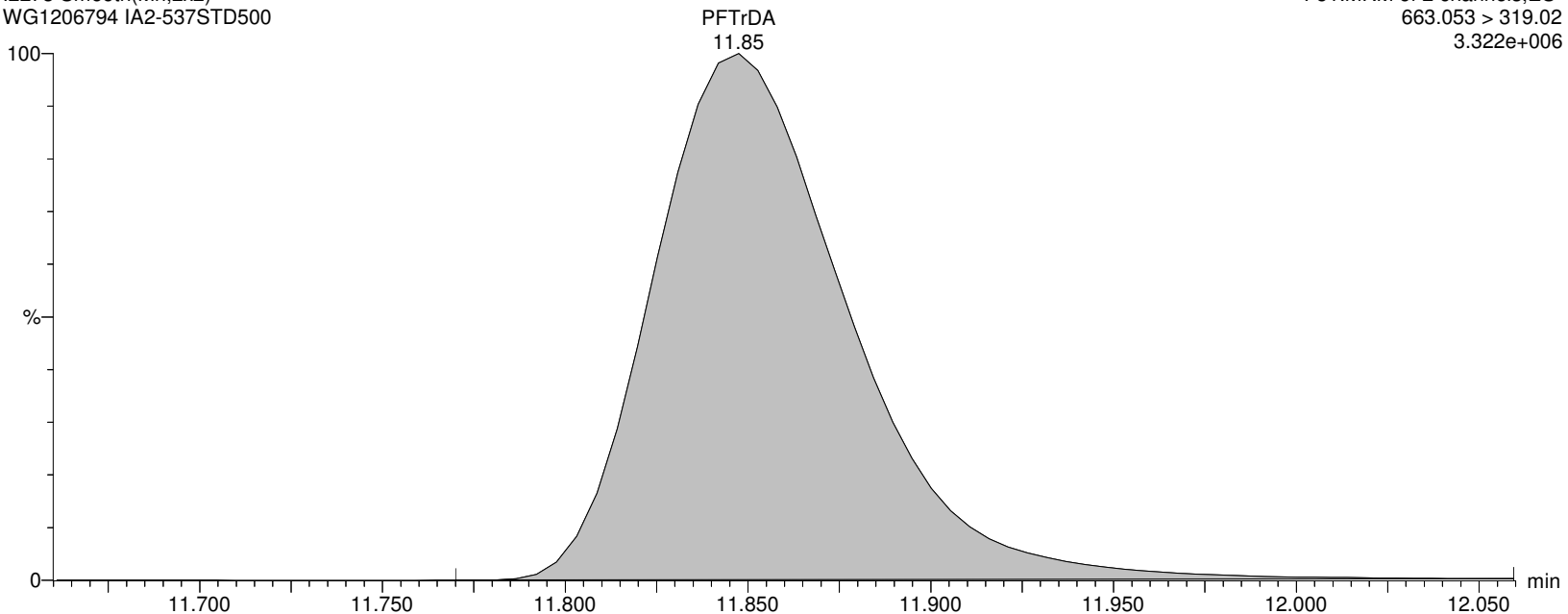
I2273 Smooth(Mn,2x2)

WG1206794 IA2-537STD500

F51:MRM of 2 channels,ES-

663.053 > 319.02

3.322e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTA

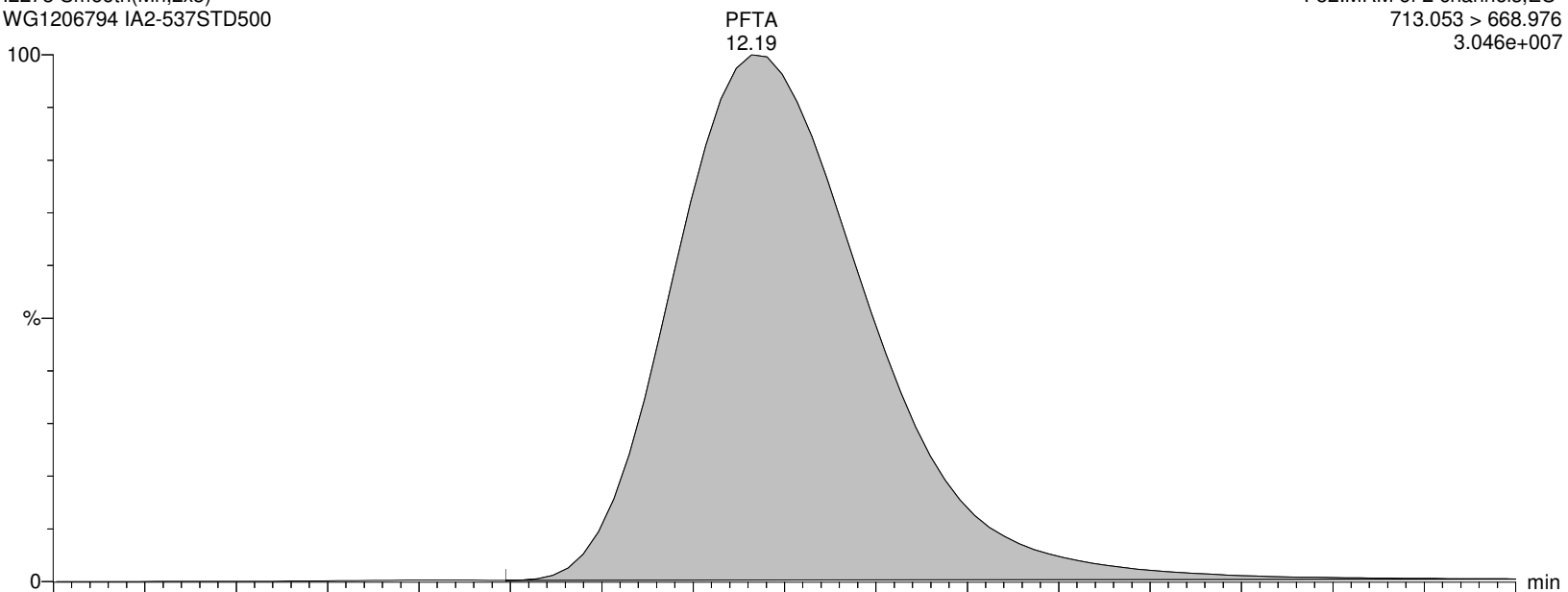
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F52:MRM of 2 channels,ES-

713.053 > 668.976

3.046e+007



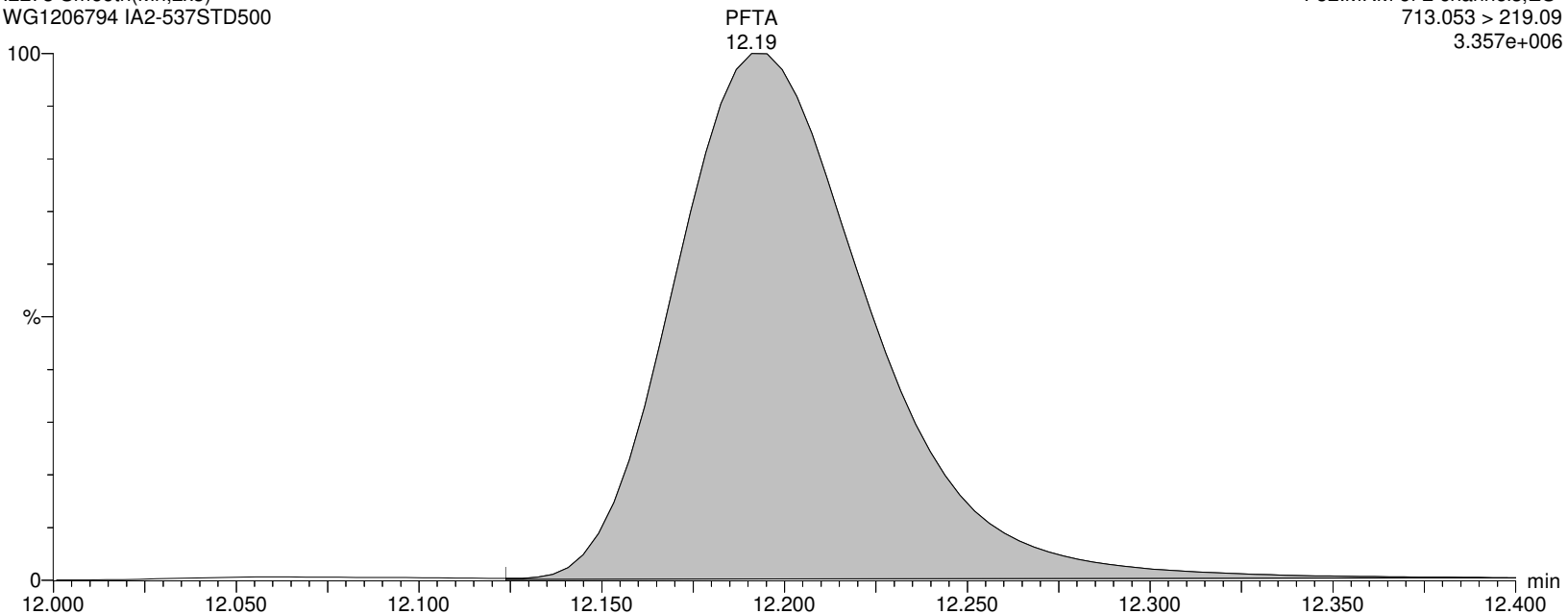
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F52:MRM of 2 channels,ES-

713.053 > 219.09

3.357e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFTEDA

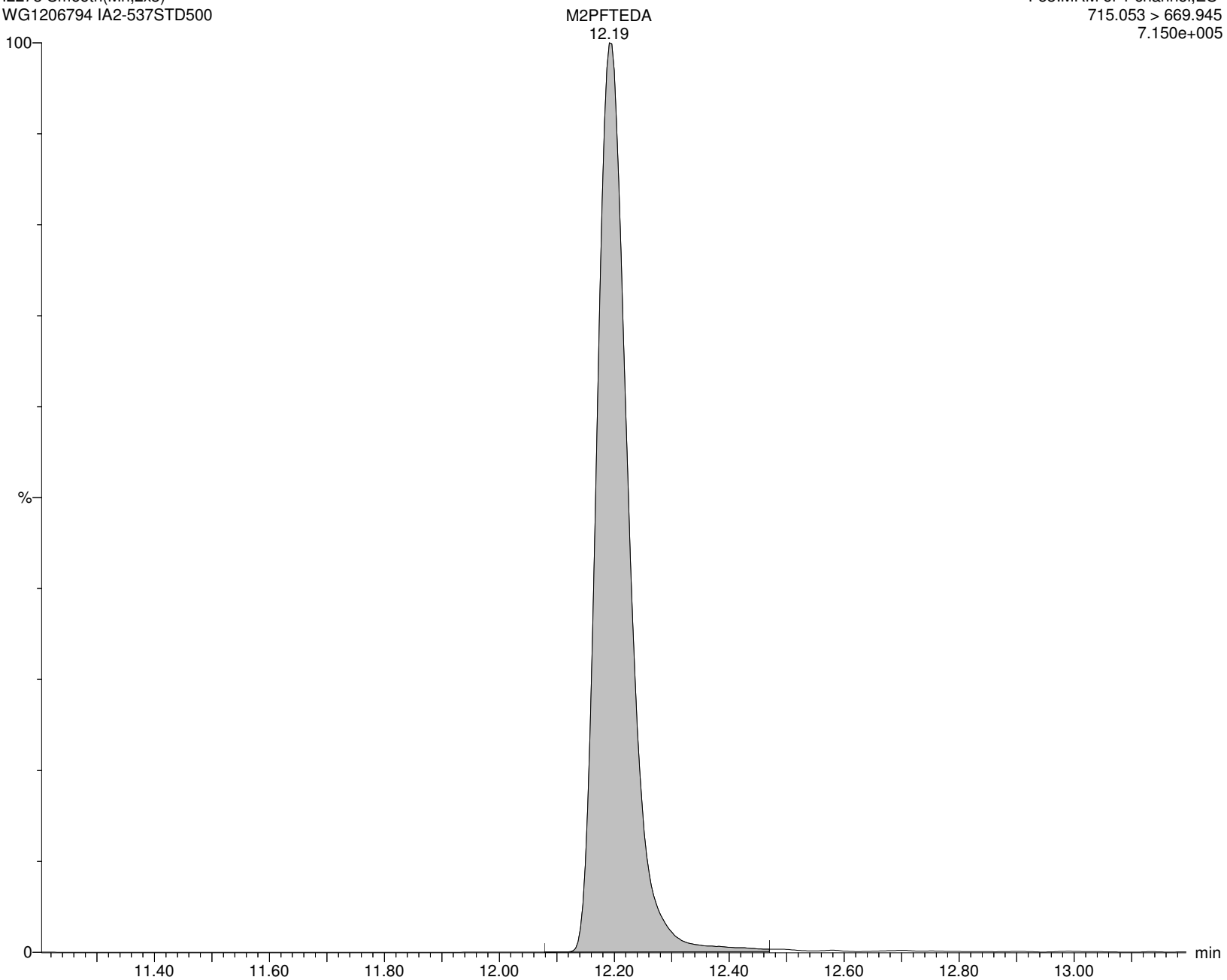
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F53:MRM of 1 channel,ES-

715.053 > 669.945

7.150e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3HFPO-DA

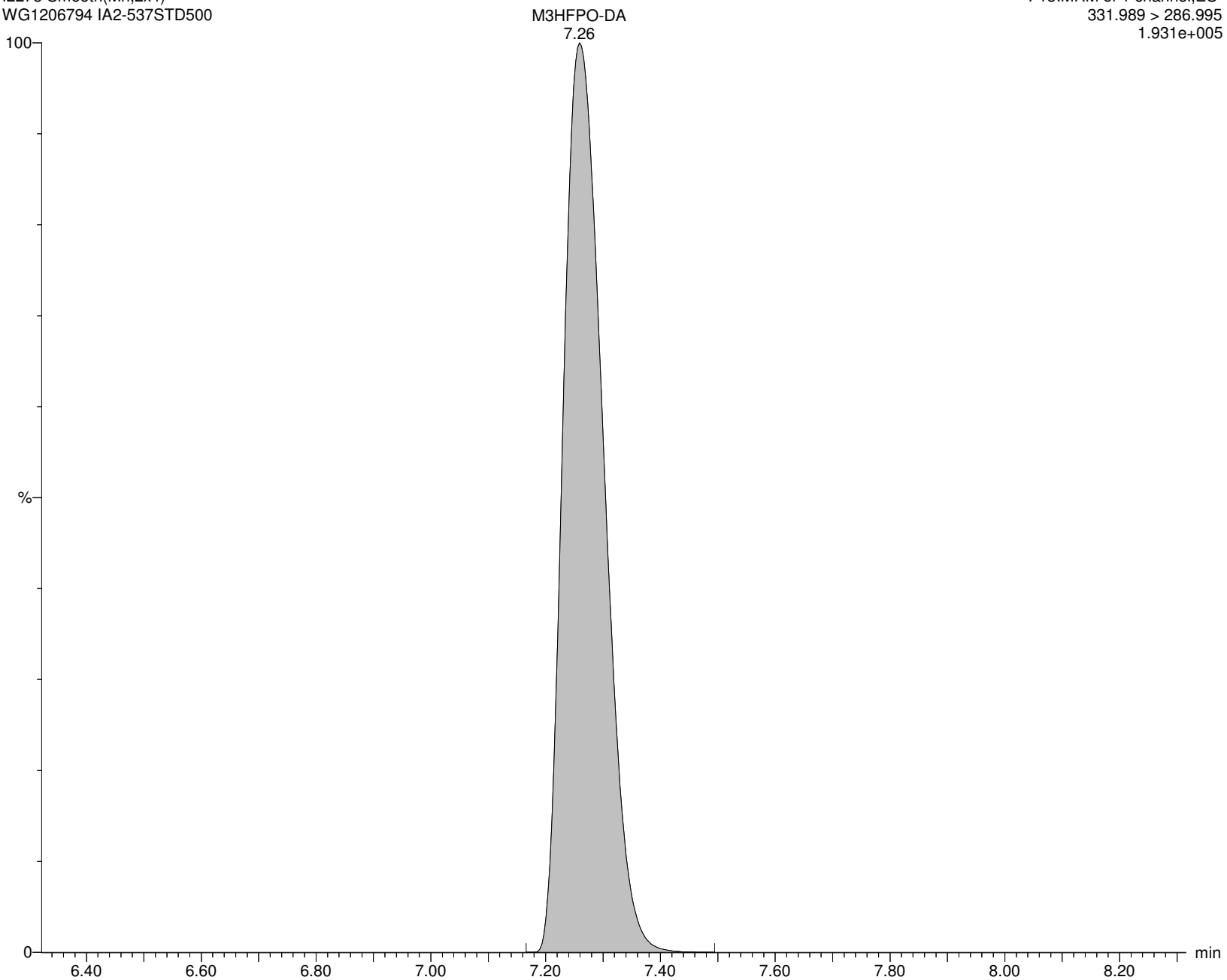
I2273 Smooth(Mn,2x4)

WG1206794 IA2-537STD500

F13:MRM of 1 channel,ES-

331.989 > 286.995

1.931e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

HFPO-DA

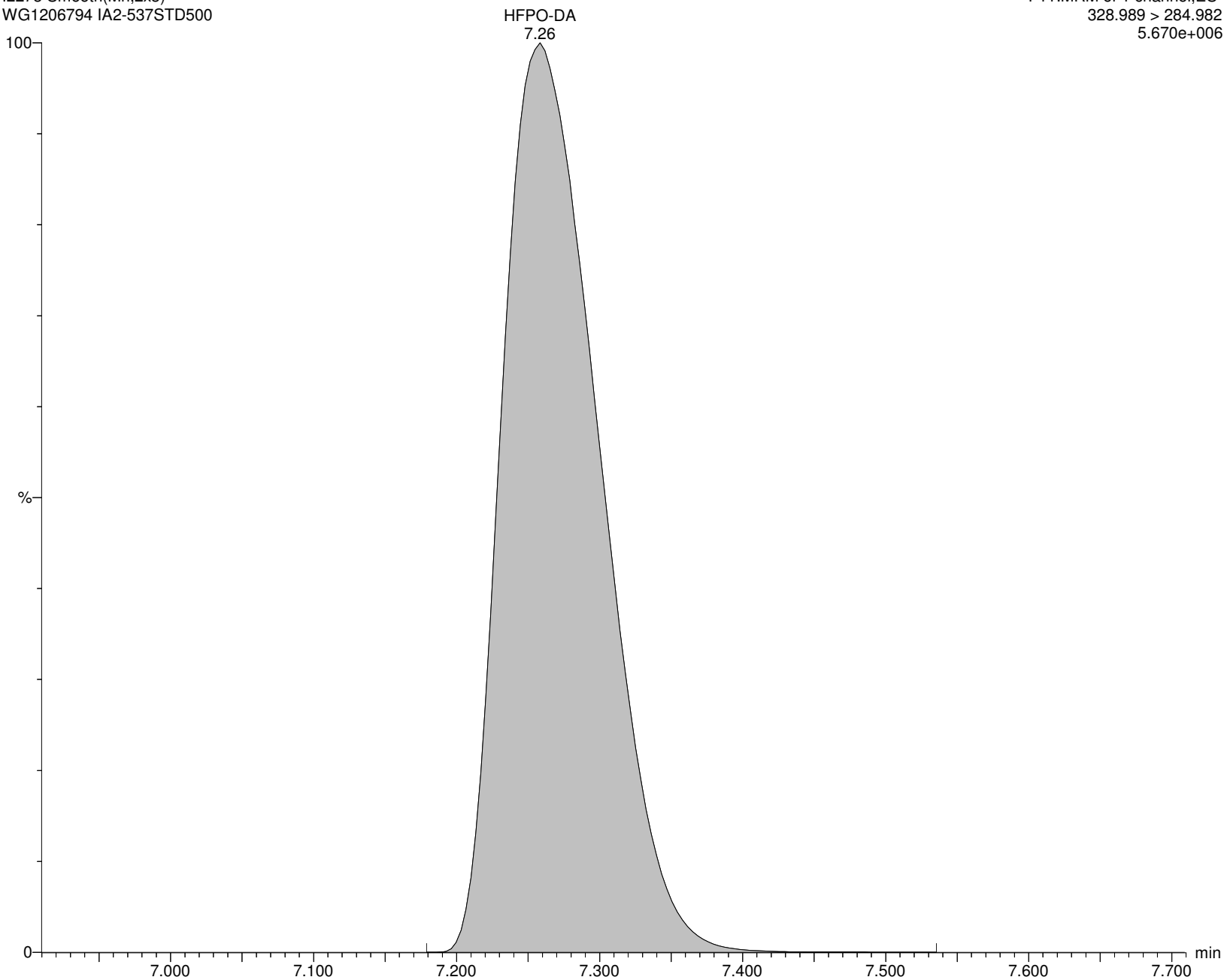
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F11:MRM of 1 channel,ES-

328.989 > 284.982

5.670e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

ADONA

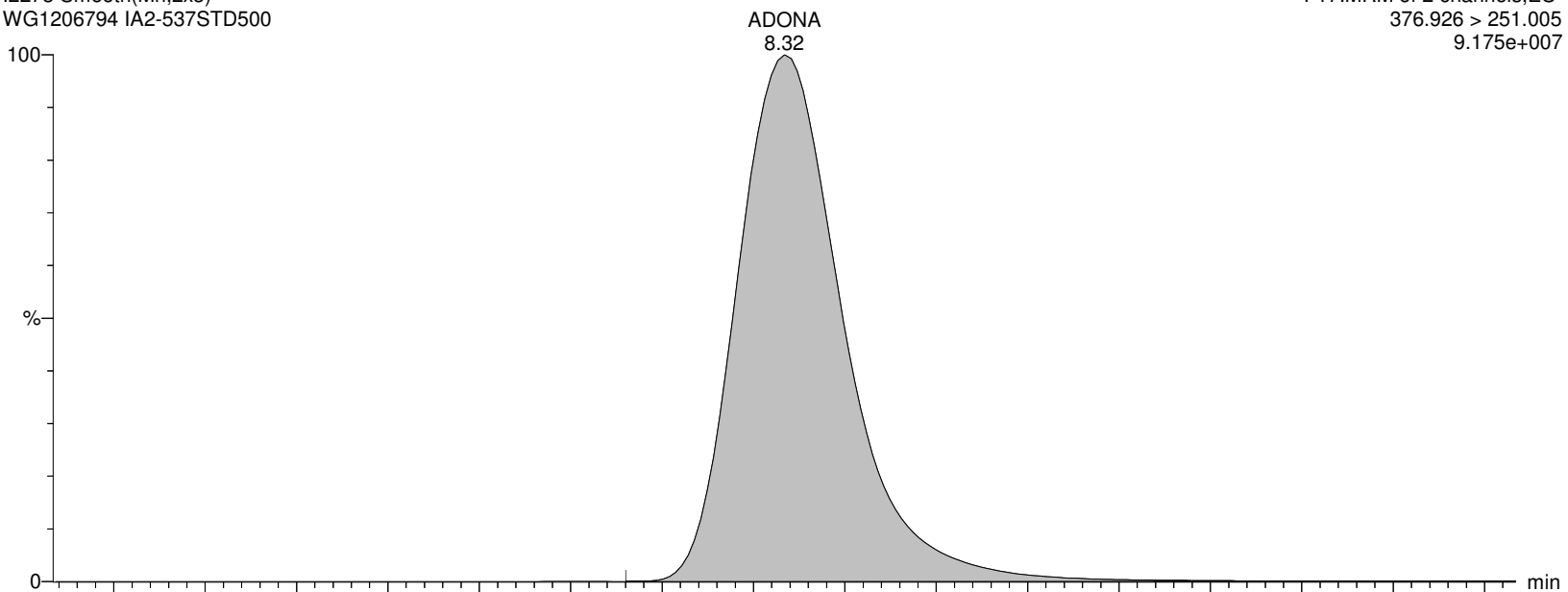
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F17:MRM of 2 channels,ES-

376.926 > 251.005

9.175e+007



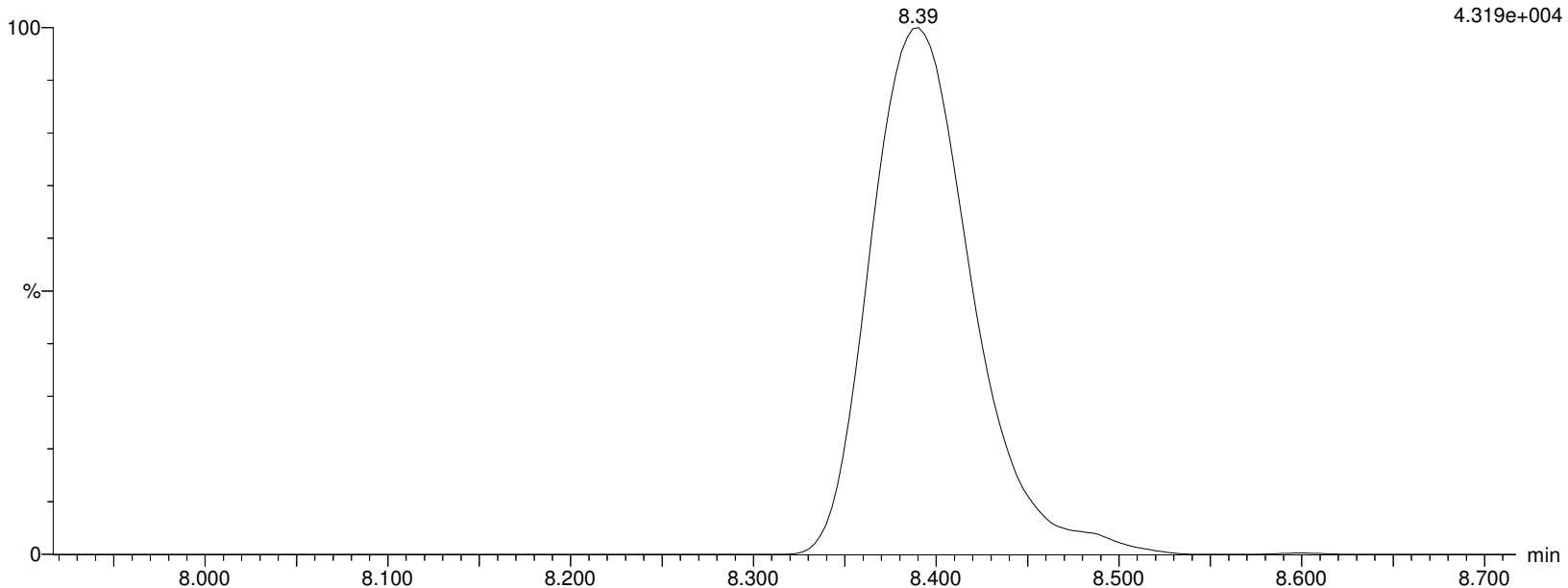
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F17:MRM of 2 channels,ES-

376.926 > 135.12

4.319e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxDA

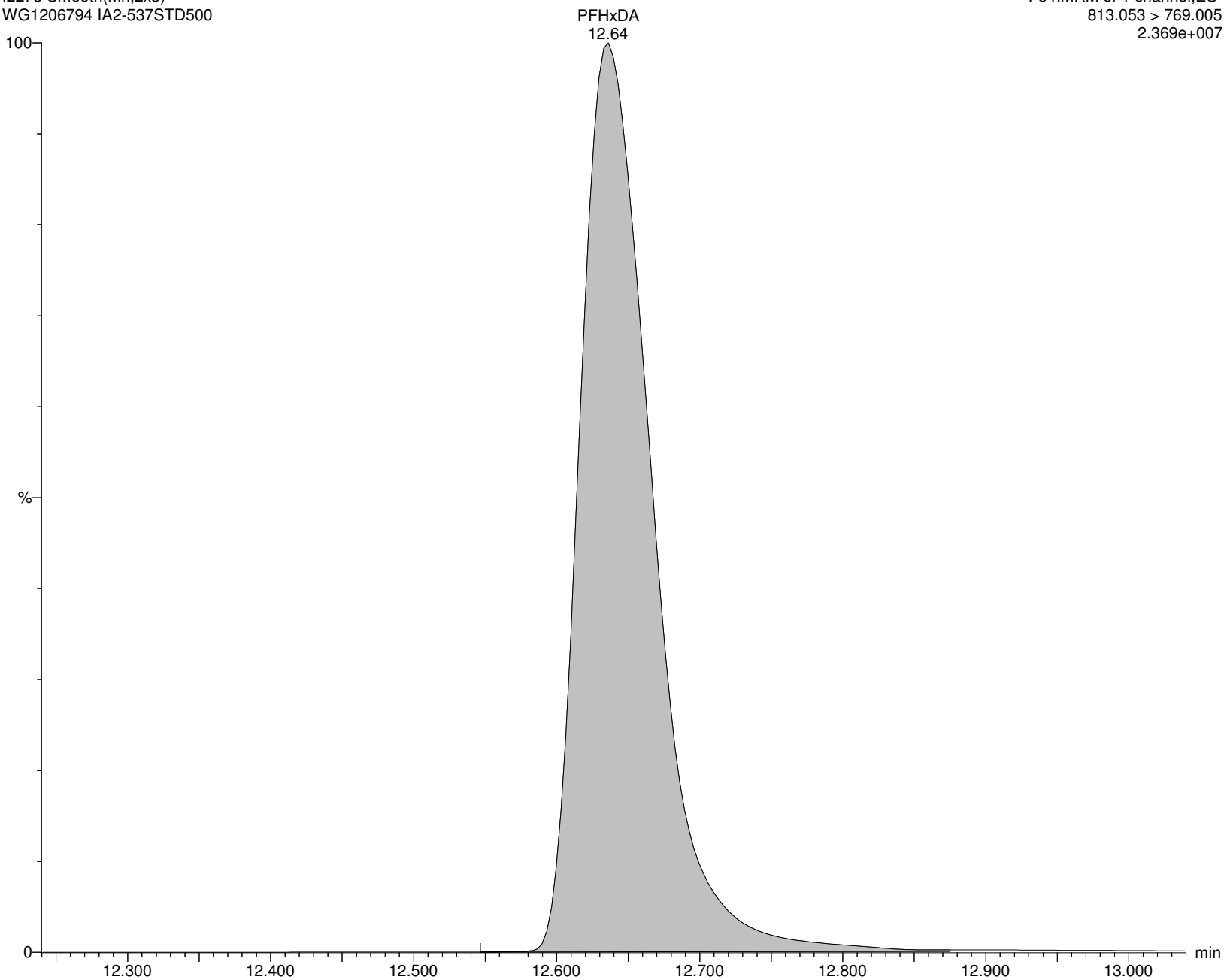
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F54:MRM of 1 channel,ES-

813.053 > 769.005

2.369e+007



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFODA

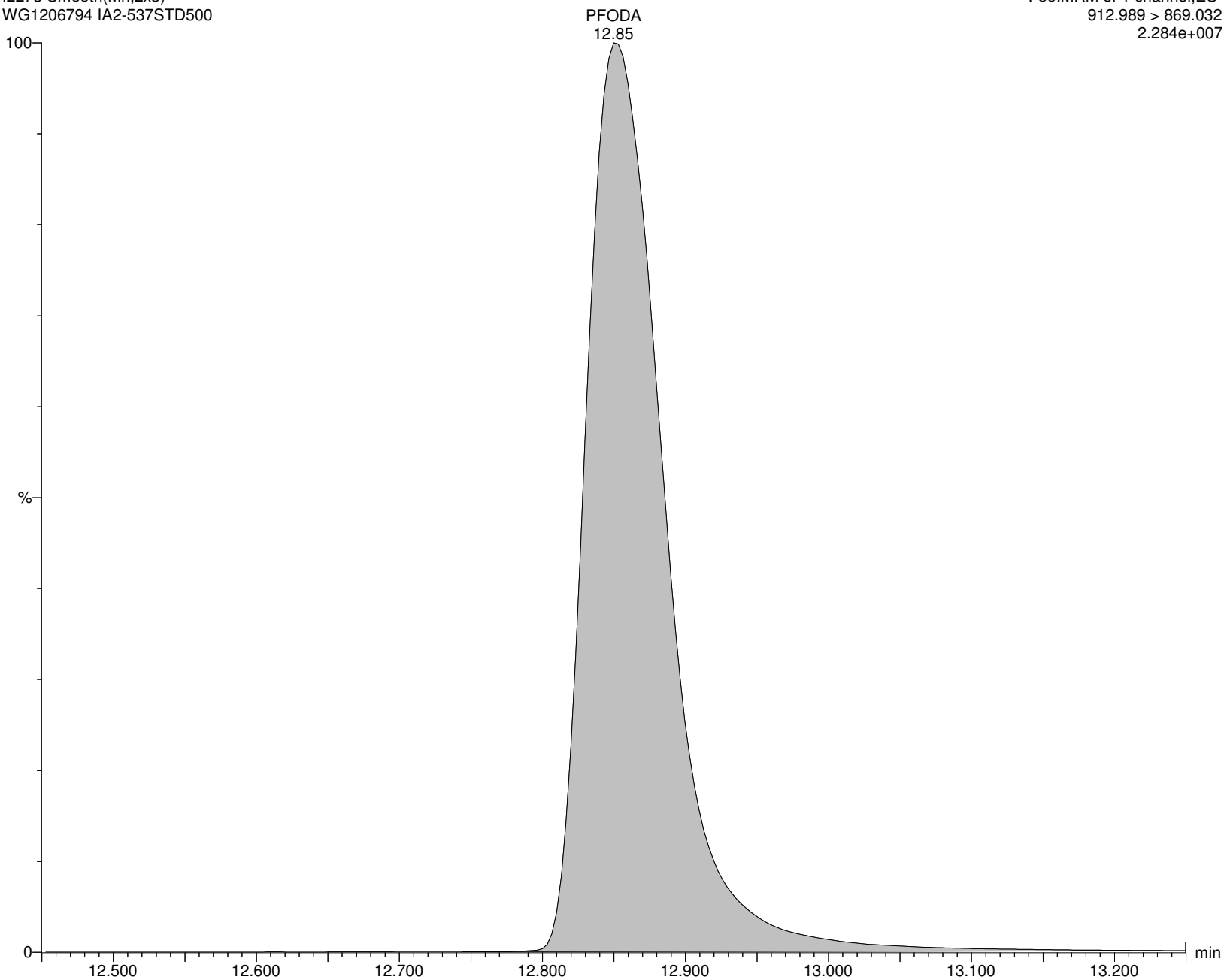
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F56:MRM of 1 channel,ES-

912.989 > 869.032

2.284e+007



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICAL.qld

Last Altered: Friday, February 15, 2019 07:45:17 Eastern Standard Time

Printed: Friday, February 15, 2019 07:46:11 Eastern Standard Time

Name: I2273

ID: IA2-537STD500

Date: 14-Feb-2019

Time: 17:29:57

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFHxDA

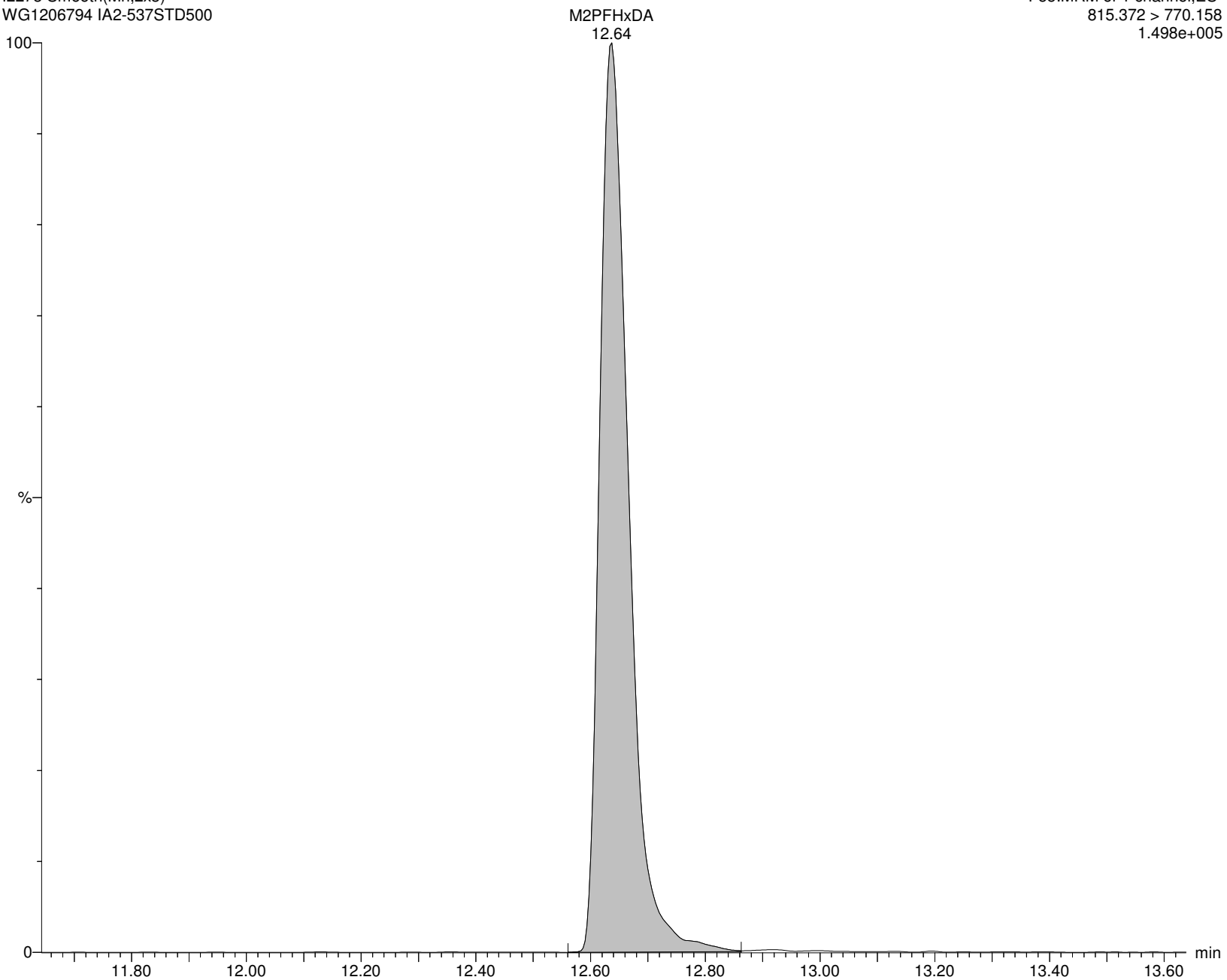
I2273 Smooth(Mn,2x3)

WG1206794 IA2-537STD500

F55:MRM of 1 channel,ES-

815.372 > 770.158

1.498e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Method: C:\MassLynx\Data\2019\190214_537ISO.PRO\MethDB\537ISO_Q.mdb 15 Feb 2019 07:45:39

Calibration: C:\MassLynx\Data\2019\190214_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 07:45:17

ID: CA2-537STD050

Name: I2283

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:PB

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	1.94	212.926 > 169.111	49627		10.702		na	107.0
2	M3PFBA	INT STD	1.95	215.926 > 172.122	52985		11.163		na	111.6
3	MPFBA	INT STD	1.94	216.926 > 172.137	54057		9.444		na	94.4
4	PFPeA	2706-90-3	4.96	262.926 > 219.002	74177		10.384		na	103.8
5	M5PFPEA	INT STD	4.96	267.989 > 223.081	66698		9.367		na	93.7
6	PFBS	375-73-5	5.61	298.989 > 80.295	12757		10.141		na	114.6
7	M3PFBS	INT STD	5.61	301.989 > 80.254	12050		8.775		na	87.7
8	4:2FTS	757124-72-4	6.78	326.926 > 306.957	6331		10.646	2.21	YES	113.9
9	M2-4:2FTS	INT STD	6.78	329.117 > 309.079	5101		8.006		na	80.1
10	PFHxA	307-24-4	6.87	312.989 > 269.028	92433		10.667	17.49	NO	106.7
11	M5PFHxA	INT STD	6.87	317.989 > 273.045	85575		9.136		na	91.4
12	PFPeS	2706-91-4	7.18	348.926 > 80.251	13936		11.279	2.02	NO	120.0
13	PFHpA	375-85-9	8.14	362.926 > 319.014	108652		9.630	5.45	NO	96.3
14	M4PFHpA	INT STD	8.14	366.926 > 321.979	112700		9.313		na	93.1
15	br-PFHxS	355-46-4	8.07	398.926 > 80.295	1511		1.405	2.05	YES	82.7
16	L-PFHxS	355-46-4	8.29	398.926 > 80.295	10437		8.932	1.46	NO	120.7
17	PFHxS	355-46-4		398.926 > 80.295	11948		10.338		na	
18	M3PFHxS	INT STD	8.30	401.926 > 80.317	8442		8.685		na	86.9
19	br-PFOA	335-67-1		412.989 > 368.9			ND		YES	
20	L-PFOA	335-67-1	9.08	412.989 > 368.9	106562		9.703	10.05	NO	97.0
21	M2PFOA	INT STD	9.08	415.032 > 369.968	112671		11.377		na	113.8
22	PFOA	335-67-1		412.989 > 368.9	106562		9.703		na	
23	M8PFOA	INT STD	9.08	420.989 > 375.979	102719		9.492		na	94.9
24	6:2FTS	27619-97-2	9.04	426.989 > 406.921	4985		10.097		na	106.3
25	M2-6:2FTS	INT STD	9.04	428.989 > 408.917	5052		7.895		na	79.0
26	PFHpS	375-92-8	9.17	448.926 > 80.257	6873		9.542	0.95	YES	100.4
27	PFNA	375-95-1	9.83	462.989 > 418.931	102951		10.127	4.63	NO	101.3
28	M9PFNA	INT STD	9.83	472.053 > 426.947	109880		10.679		na	106.8
29	br-PFOS	1763-23-1	9.63	498.989 > 80.294	3605		2.529		YES	126.5
30	L-PFOS	1763-23-1	9.87	498.989 > 80.294	7539		6.280	1.64	YES	86.0
31	PFOS	1763-23-1		498.989 > 80.294	11144		8.809		na	
32	M4PFOS	INT STD	9.87	503.032 > 80.306	11040		11.940		na	119.4
33	M8PFOS	INT STD	9.87	507.053 > 80.294	10492		9.452		na	94.5
34	PFDA	335-76-2	10.45	513.053 > 468.906	88514		10.186	6.37	NO	101.9
35	M2PFDA	INT STD	10.46	515.053 > 469.934	91491		12.129		na	121.3
36	M6PFDA	INT STD	10.45	519.053 > 473.931	93721		9.571		na	95.7
37	8:2FTS	39108-34-4	10.44	526.989 > 506.946	4574		12.159		na	126.7
38	M2-8:2FTS	INT STD	10.45	529.053 > 508.945	3394		9.637		na	96.4
39	PFNS	68259-12-1	10.48	548.989 > 80.249	7972		8.852	1.31	NO	92.2

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

ID: CA2-537STD050

Name: I2283

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:PB

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	10.84	573.096 > 418.987	8969		9.632		na	96.3
41	NMeFOSAA	2355-31-9	10.84	570.053 > 418.917	12045		12.990		na	129.9
42	PfUnA	2058-94-8	10.98	562.989 > 518.903	83693		9.434	7.79	NO	94.3
43	M7-PFUDA	INT STD	10.98	570.053 > 524.923	81691		9.947		na	99.5
44	PFDS	335-77-3	10.99	598.926 > 80.314	8681		10.308	1.25	YES	106.8
45	FOSA	754-91-6	10.93	497.989 > 78.245	24738		9.520		na	95.2
46	M8FOSA	INT STD	10.93	506.053 > 78.286	25209		8.198		na	82.0
47	d5-NEtFOSAA	INT STD	11.13	589.117 > 418.929	8665		10.283		na	102.8
48	NEtFOSAA	2991-50-6	11.13	583.989 > 418.927	11887		12.671	2.59	YES	126.7
49	PFDoA	307-55-1	11.46	612.989 > 568.967	82489		10.026	14.38	NO	100.3
50	MPFDOA	INT STD	11.46	614.989 > 569.92	90470		9.601		na	96.0
51	PFTTrDA	72629-94-8	11.86	663.053 > 618.969	58059		9.398	11.38	NO	94.0
52	PFTA	376-06-7	12.20	713.053 > 668.976	62890		11.393	8.70	NO	113.9
53	M2PFTEDA	INT STD	12.20	715.053 > 669.945	65269		10.403		na	104.0
54	M3HFPO-DA	INT STD	7.30	331.989 > 286.995	4882		90.880		na	45.4
55	HFPO-DA	13252-13-6	7.30	328.989 > 284.982	2623		195.266		na	97.6
56	ADONA	958445-44-8	8.32	376.926 > 251.005	209964		12.000		YES	126.8
57	PFHxDA		12.64	813.053 > 769.005	40486		12.899		na	129.0
58	PFODA		12.86	912.989 > 869.032	38040		12.679		na	126.8
59	M2PFHxDA		12.64	815.372 > 770.158	7970		6.644		na	66.4

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Method: C:\MassLynx\Data\2019\190214_537ISO.PRO\MethDB\537ISO_Q.mdb 15 Feb 2019 07:45:39

Calibration: C:\MassLynx\Data\2019\190214_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 07:45:17

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBA

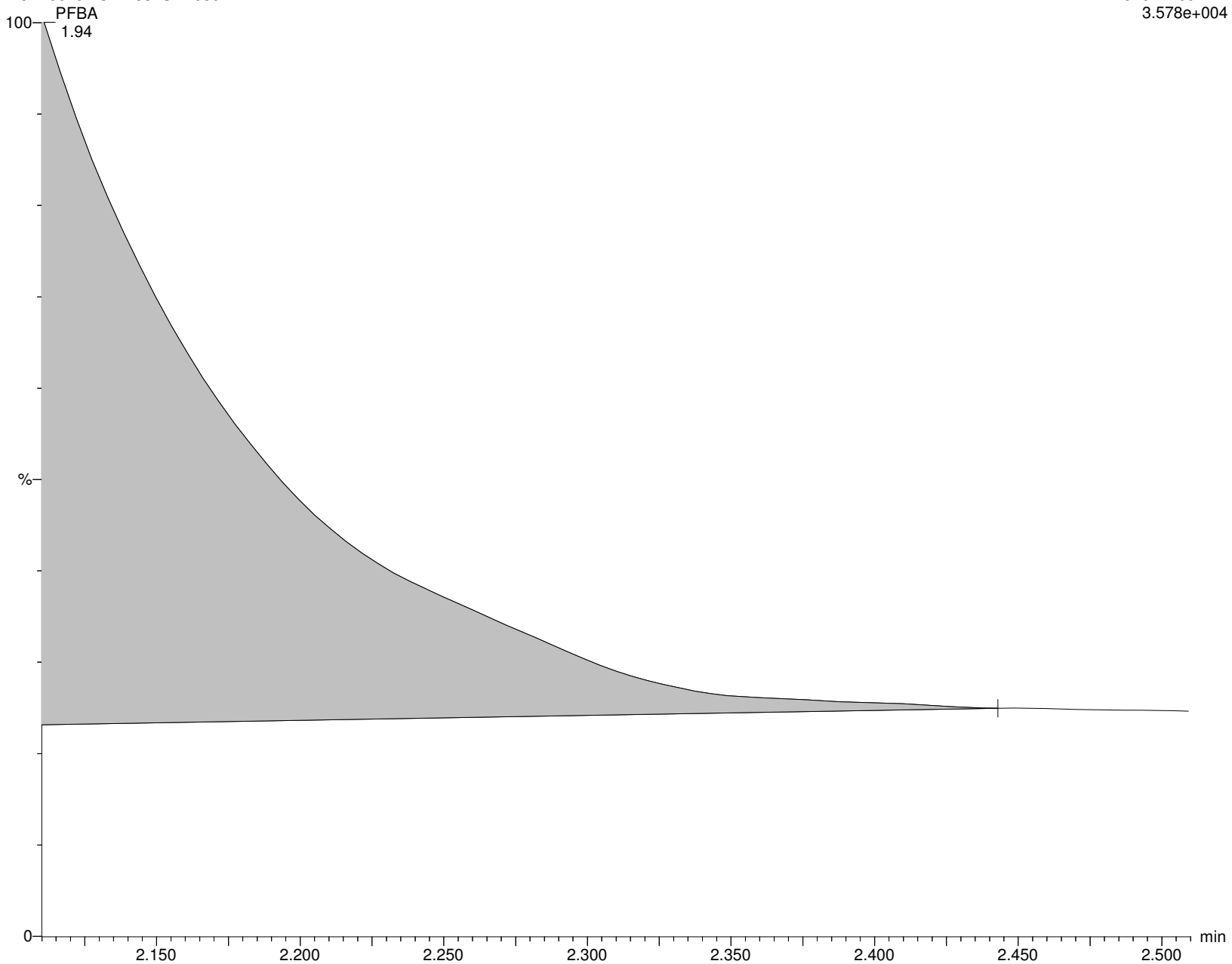
I2283 Smooth(Mn,2x5)

WG1206794 CA2-537STD050

F1:MRM of 1 channel,ES-

212.926 > 169.111

3.578e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBA

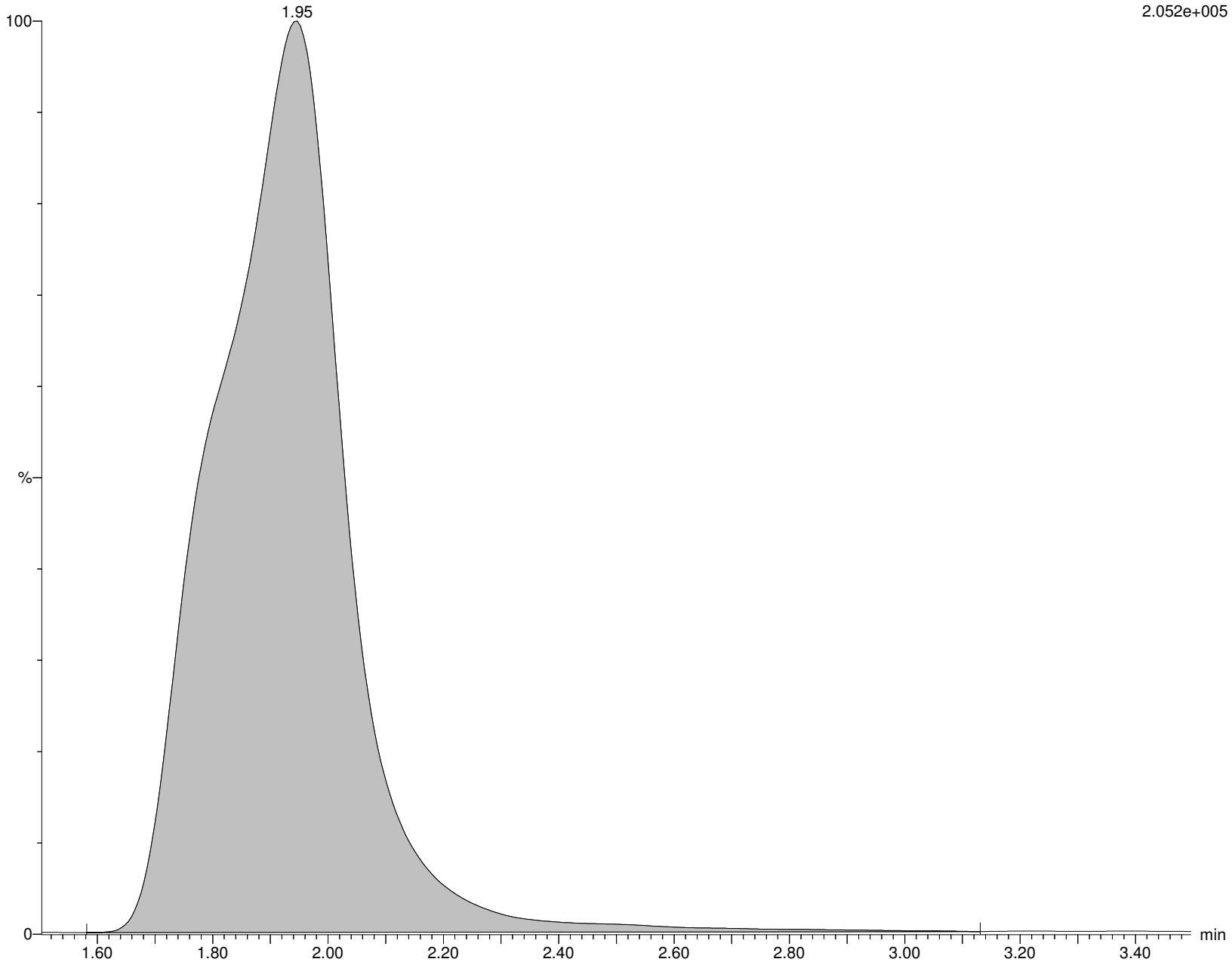
I2283 Smooth(Mn,2x6)

WG1206794 CA2-537STD050

F2:MRM of 1 channel,ES-

215.926 > 172.122

2.052e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFBA

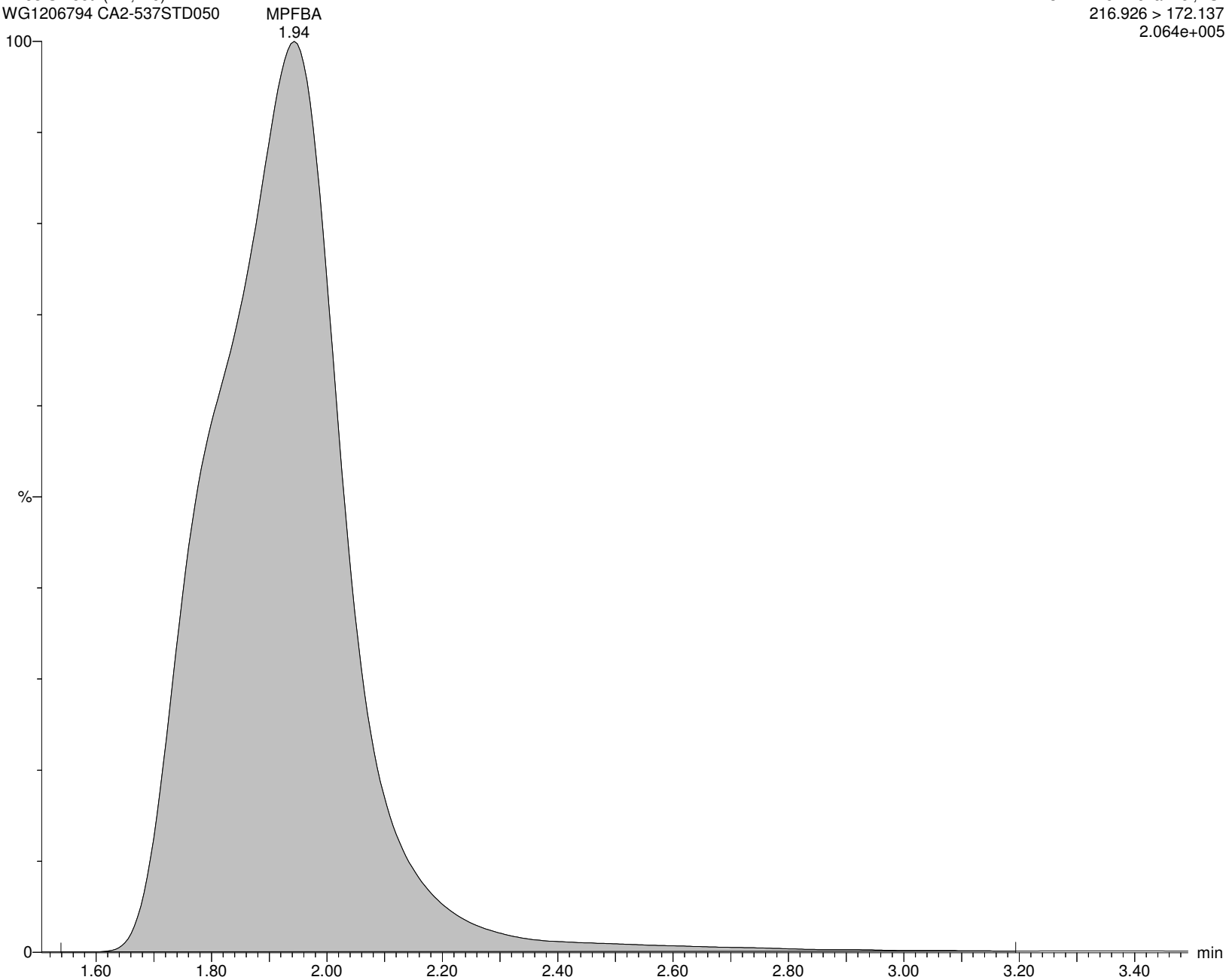
I2283 Smooth(Mn,2x6)

WG1206794 CA2-537STD050

F3:MRM of 1 channel,ES-

216.926 > 172.137

2.064e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeA

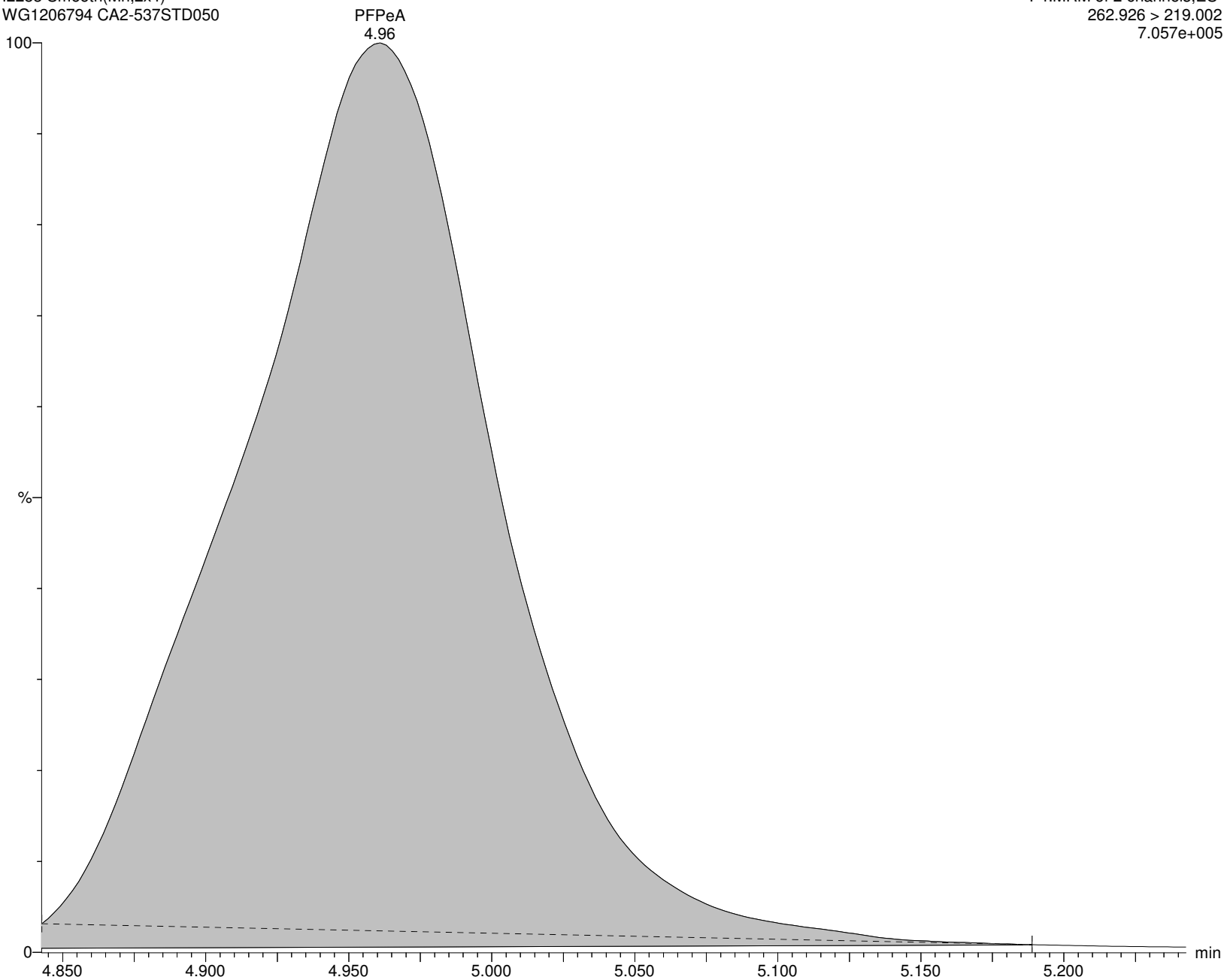
I2283 Smooth(Mn,2x4)

WG1206794 CA2-537STD050

F4:MRM of 2 channels,ES-

262.926 > 219.002

7.057e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFPEA

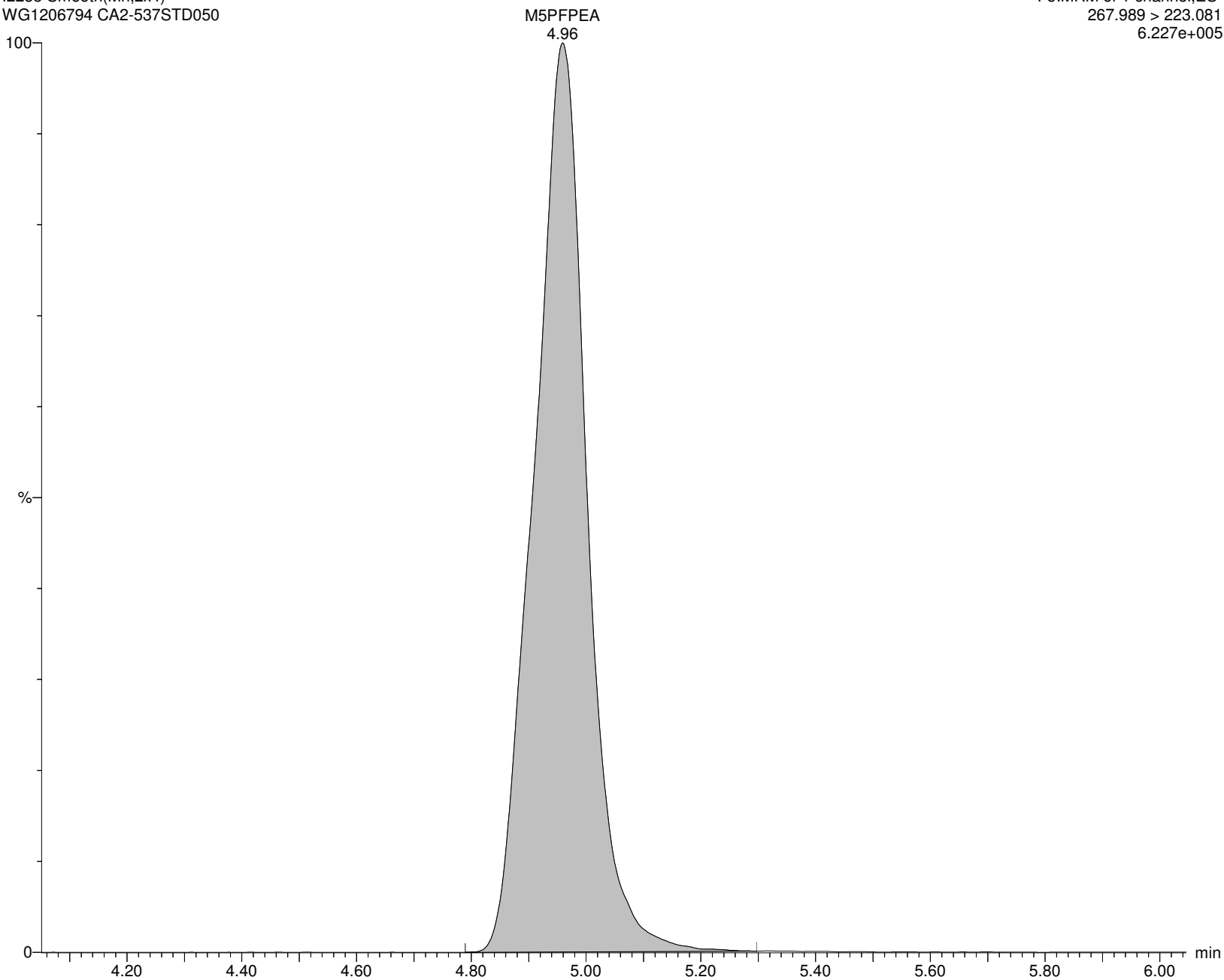
I2283 Smooth(Mn,2x4)

WG1206794 CA2-537STD050

F5:MRM of 1 channel,ES-

267.989 > 223.081

6.227e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBS

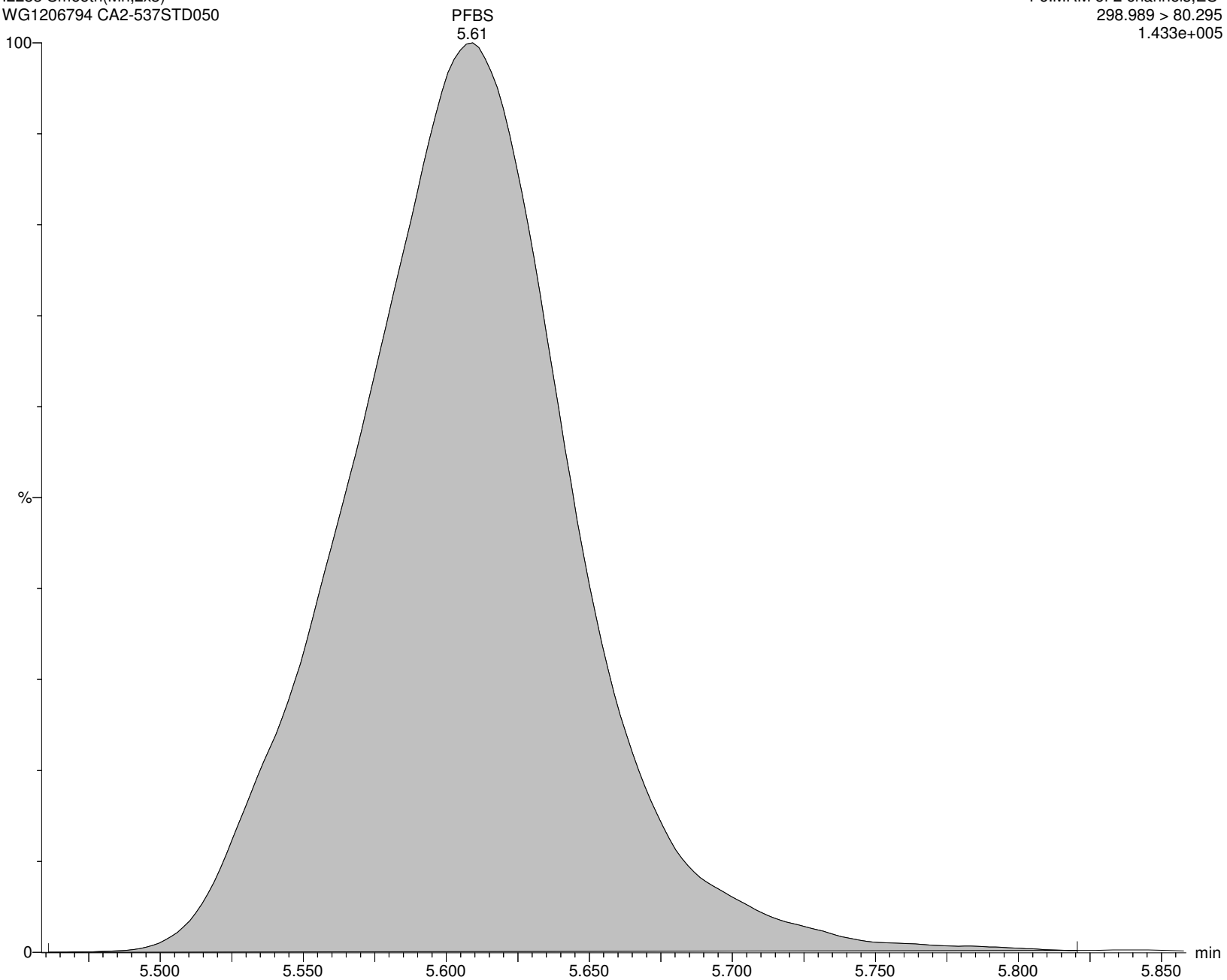
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F6:MRM of 2 channels,ES-

298.989 > 80.295

1.433e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBS

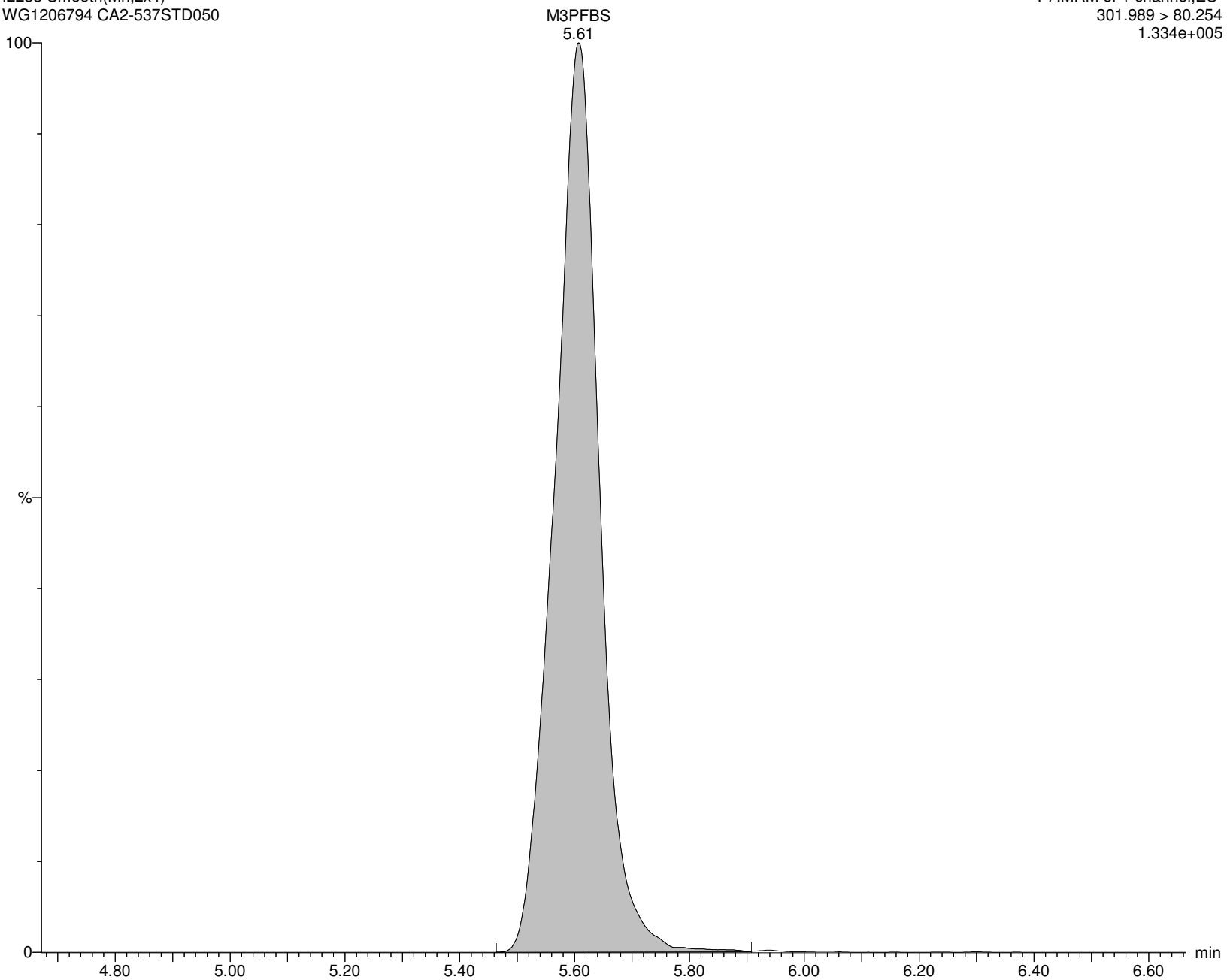
I2283 Smooth(Mn,2x4)

WG1206794 CA2-537STD050

F7:MRM of 1 channel,ES-

301.989 > 80.254

1.334e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

4:2FTS

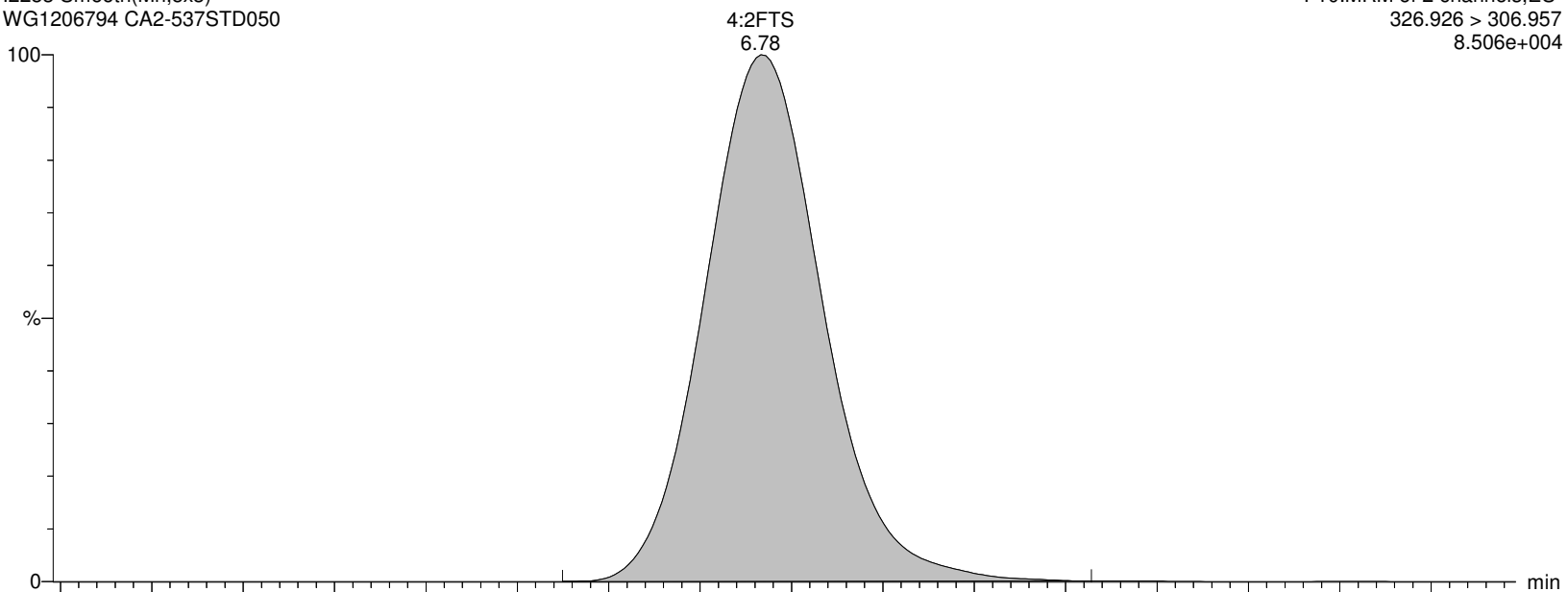
I2283 Smooth(Mn,5x3)

WG1206794 CA2-537STD050

F10:MRM of 2 channels,ES-

326.926 > 306.957

8.506e+004



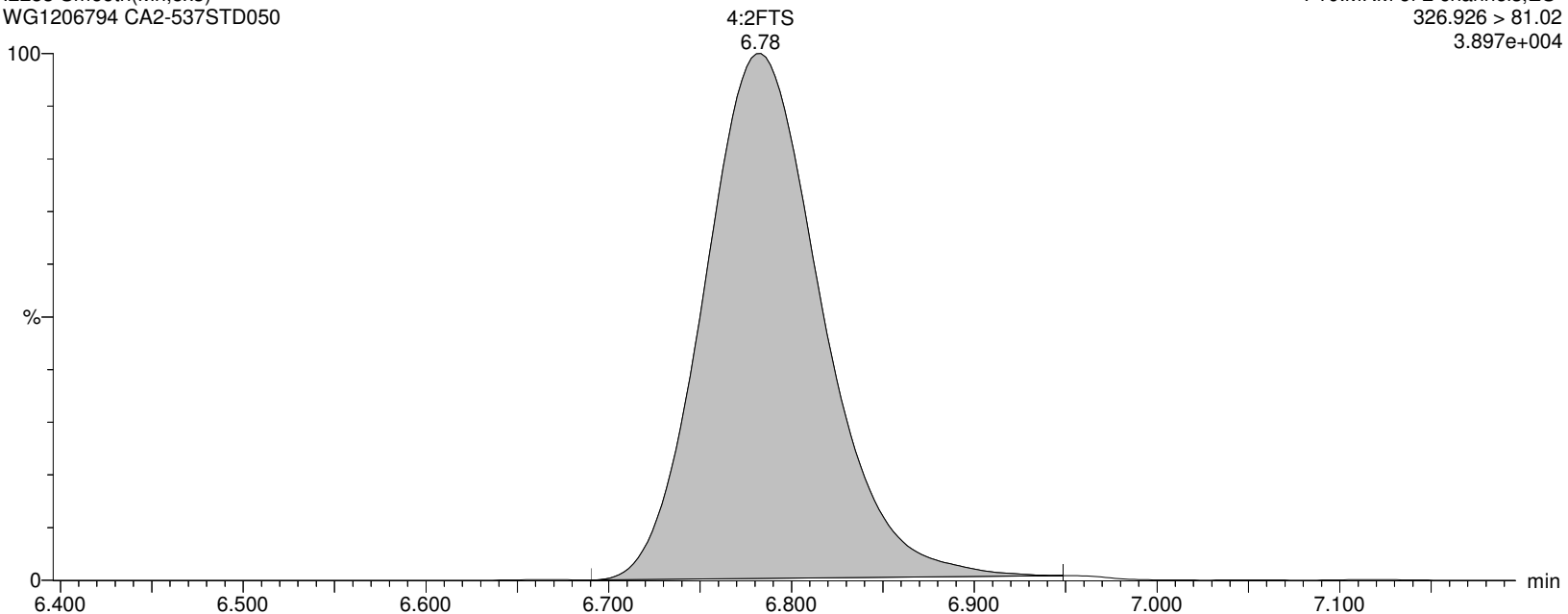
I2283 Smooth(Mn,5x3)

WG1206794 CA2-537STD050

F10:MRM of 2 channels,ES-

326.926 > 81.02

3.897e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-4:2FTS

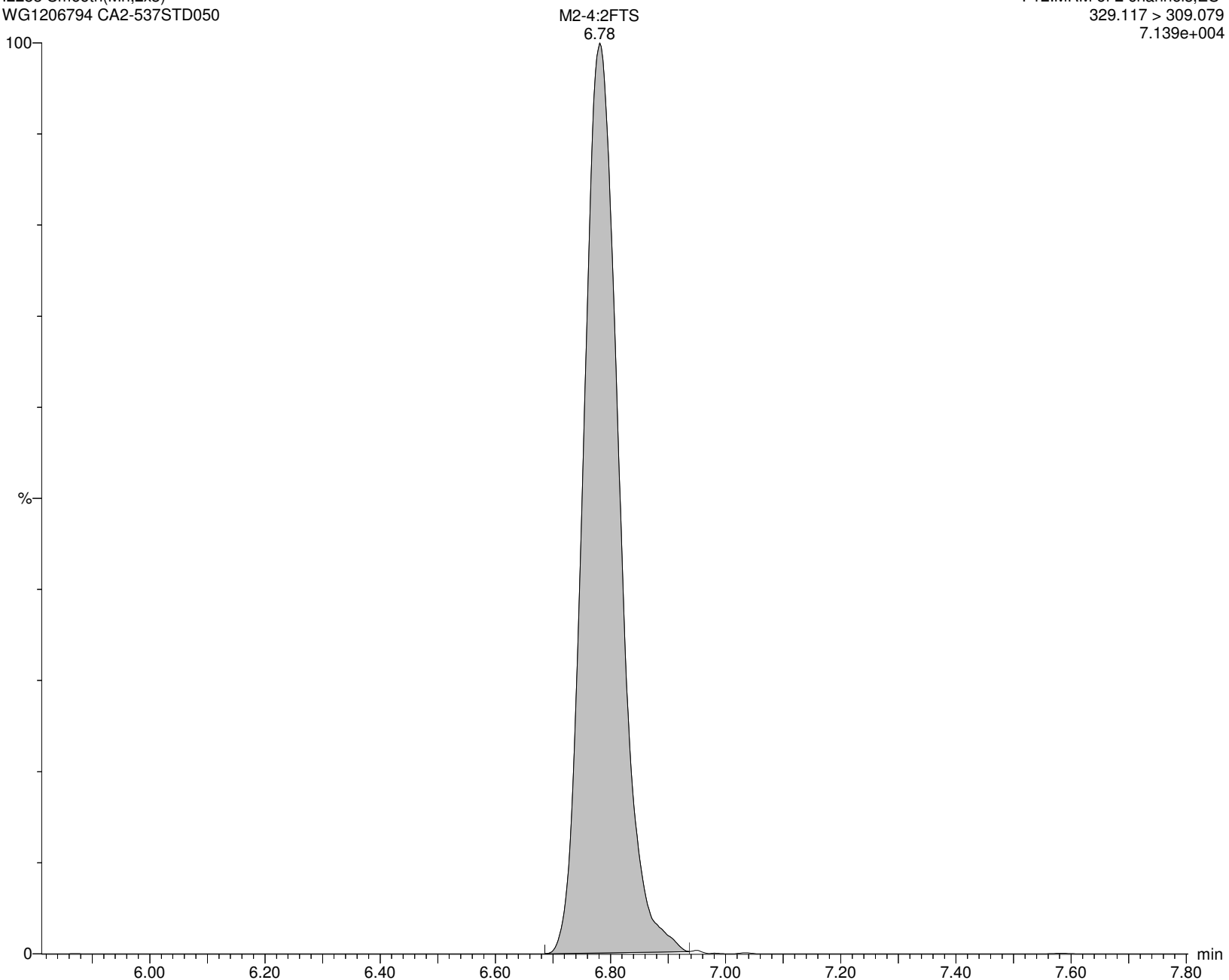
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F12:MRM of 2 channels,ES-

329.117 > 309.079

7.139e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxA

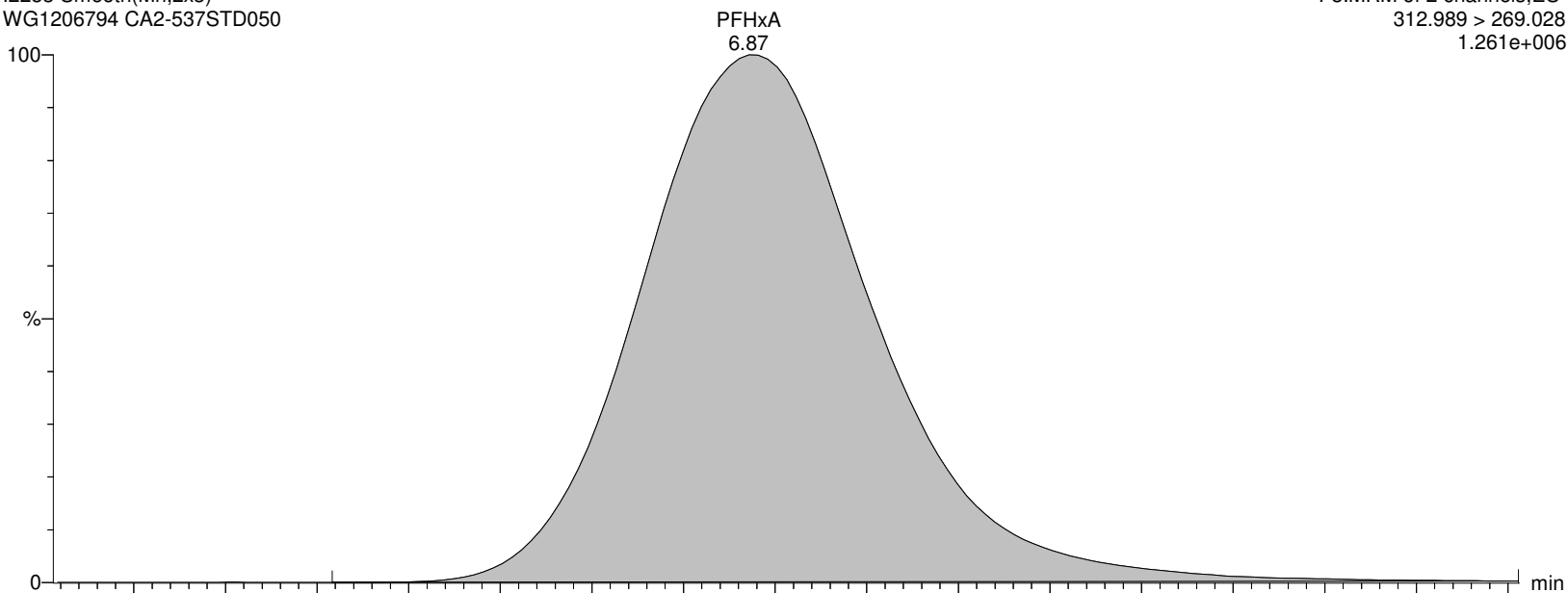
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F8:MRM of 2 channels,ES-

312.989 > 269.028

1.261e+006



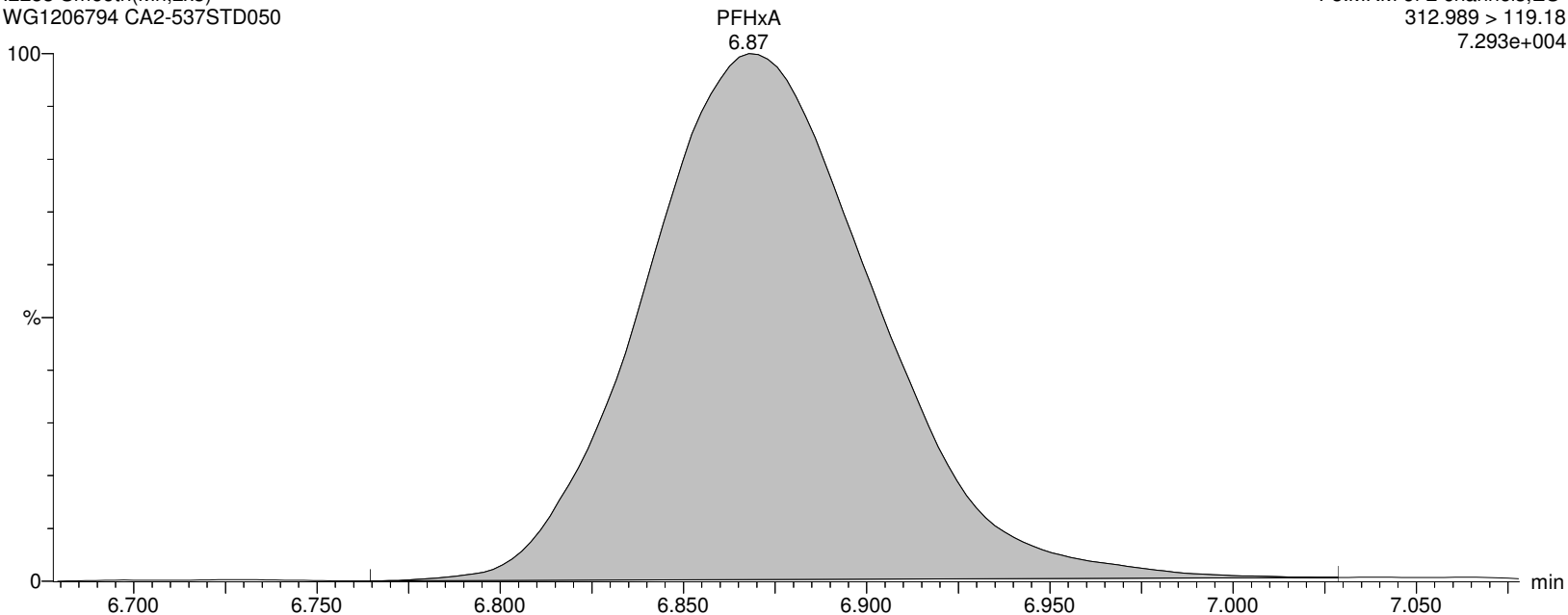
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F8:MRM of 2 channels,ES-

312.989 > 119.18

7.293e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFHxA

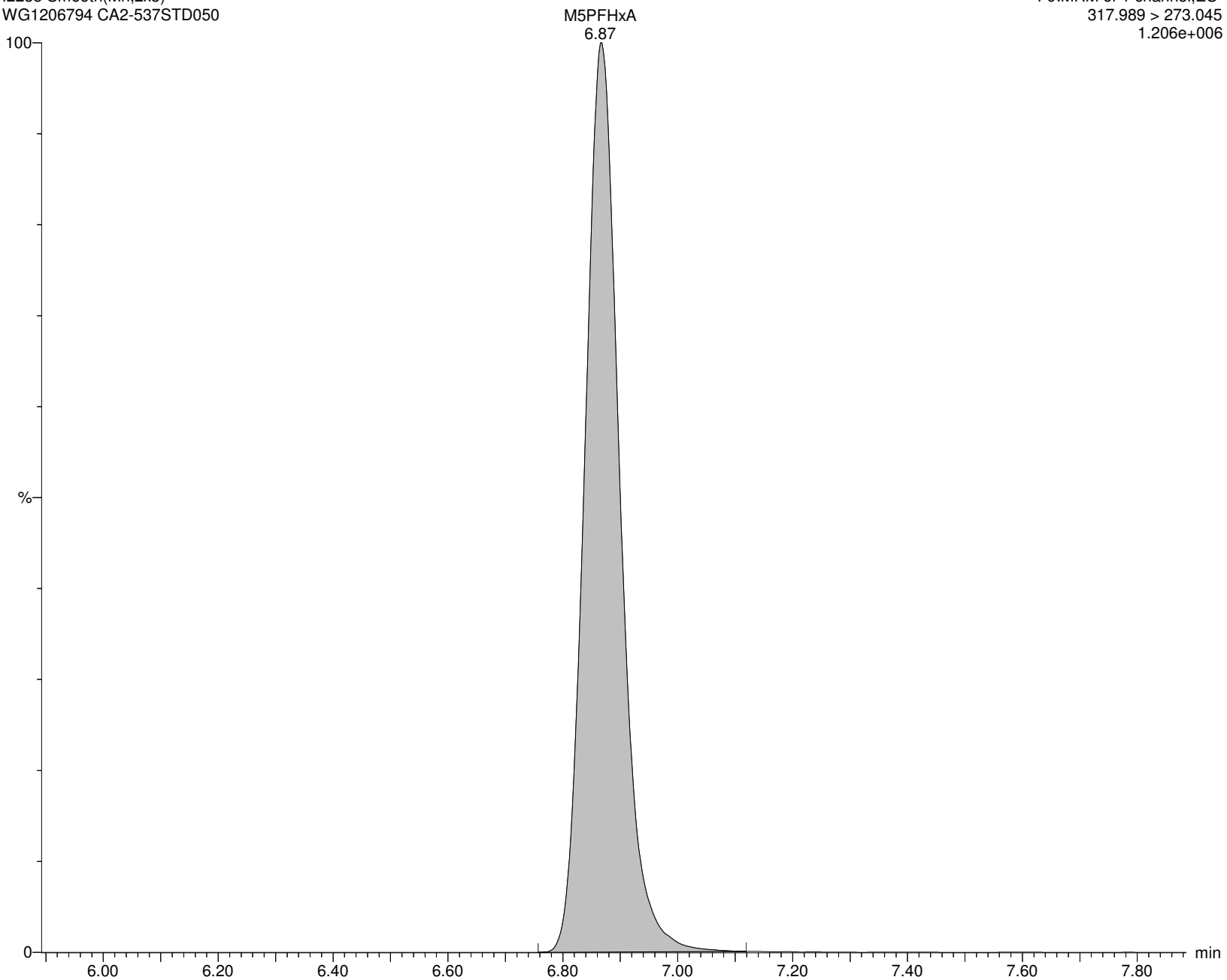
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F9:MRM of 1 channel,ES-

317.989 > 273.045

1.206e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeS

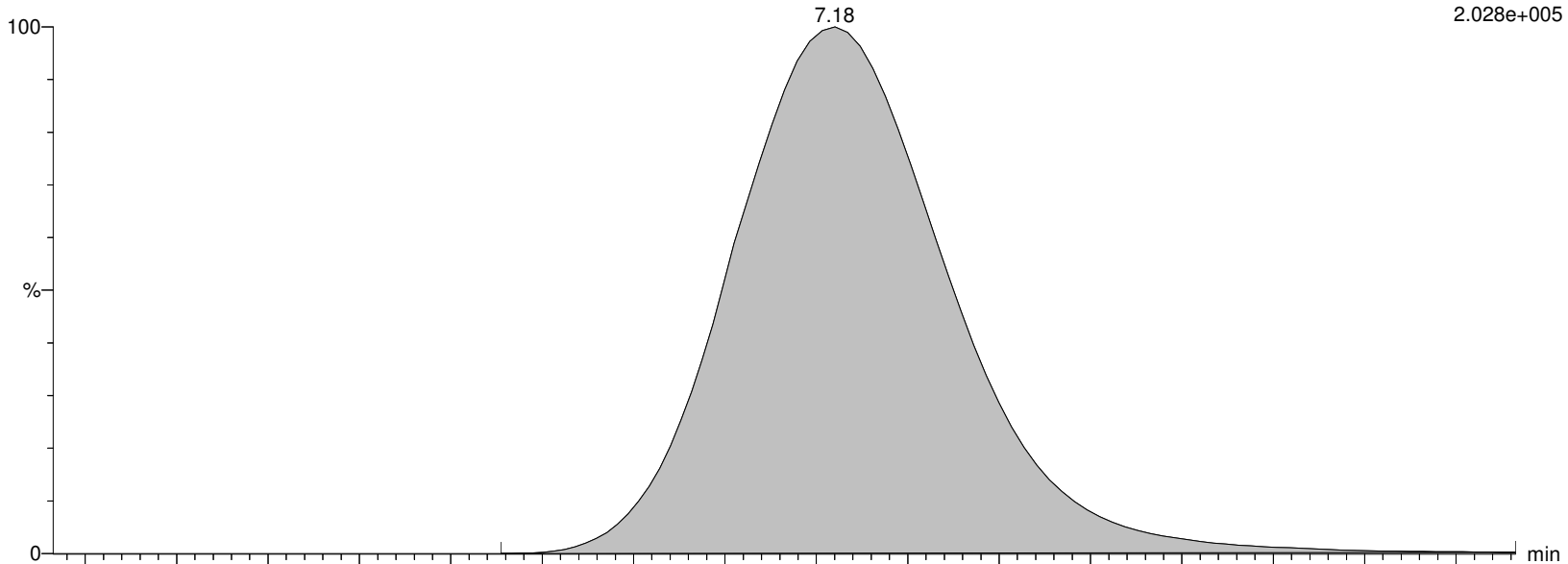
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F14:MRM of 2 channels,ES-

348.926 > 80.251

2.028e+005



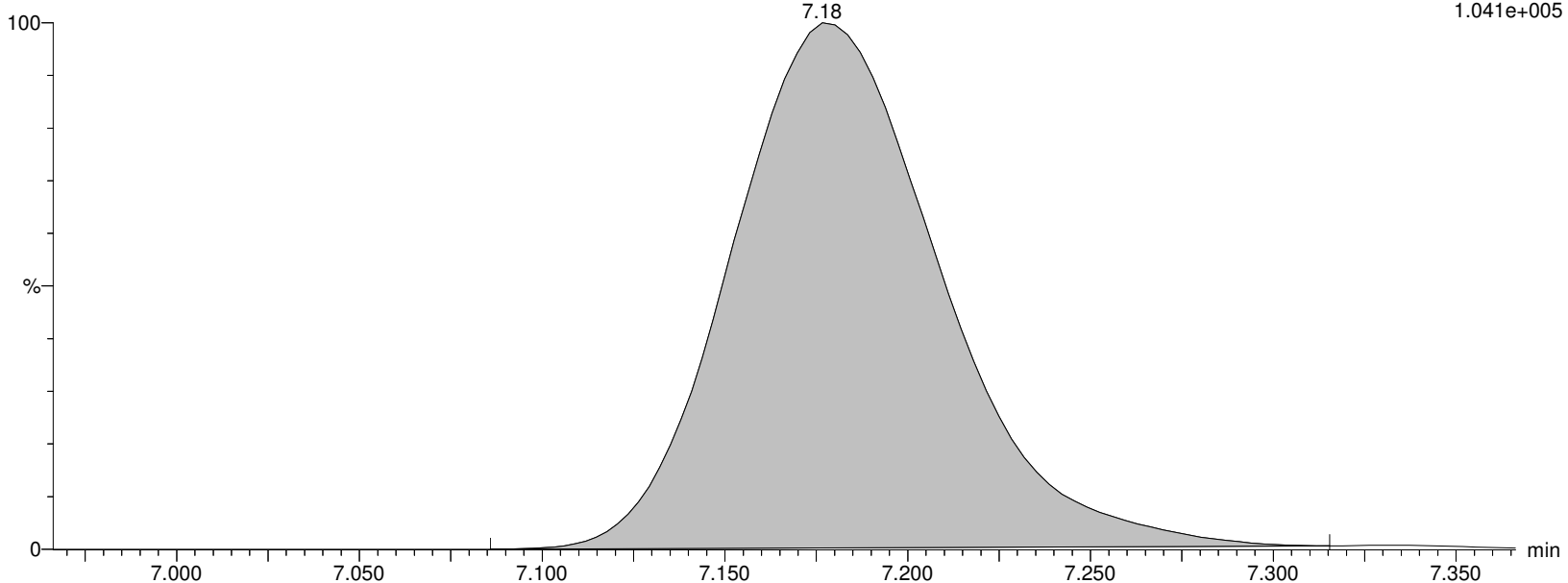
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F14:MRM of 2 channels,ES-

348.926 > 99.16

1.041e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpA

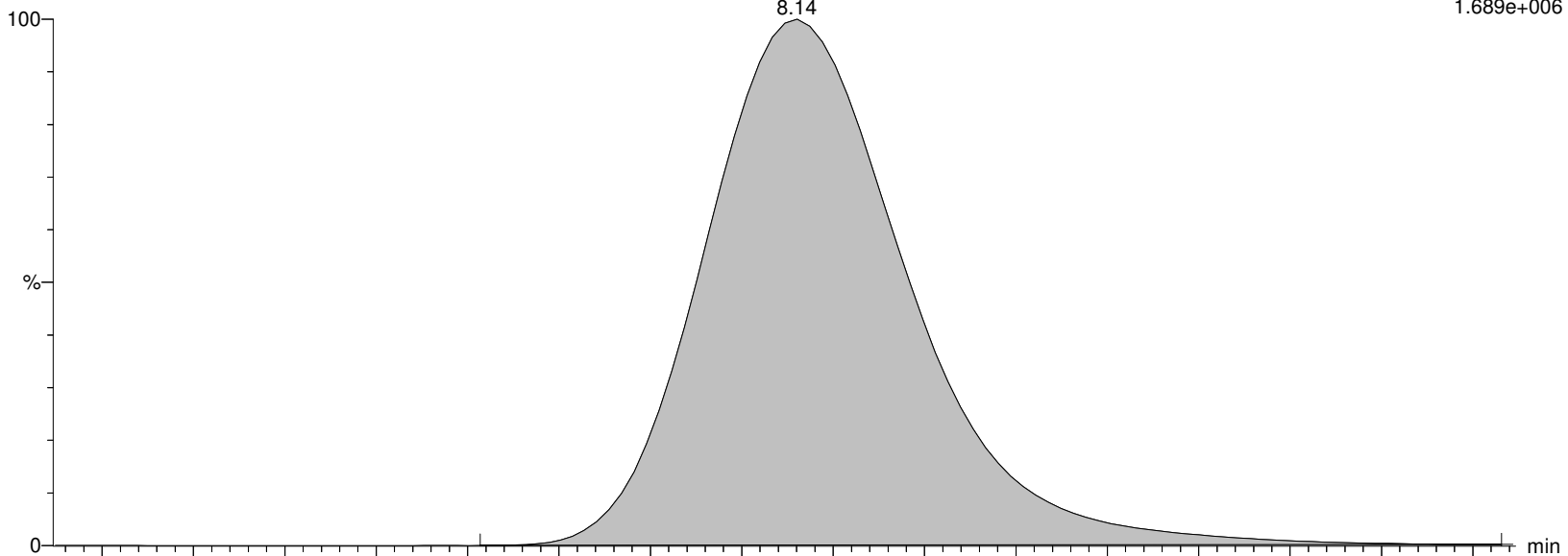
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F15:MRM of 2 channels,ES-

362.926 > 319.014

1.689e+006



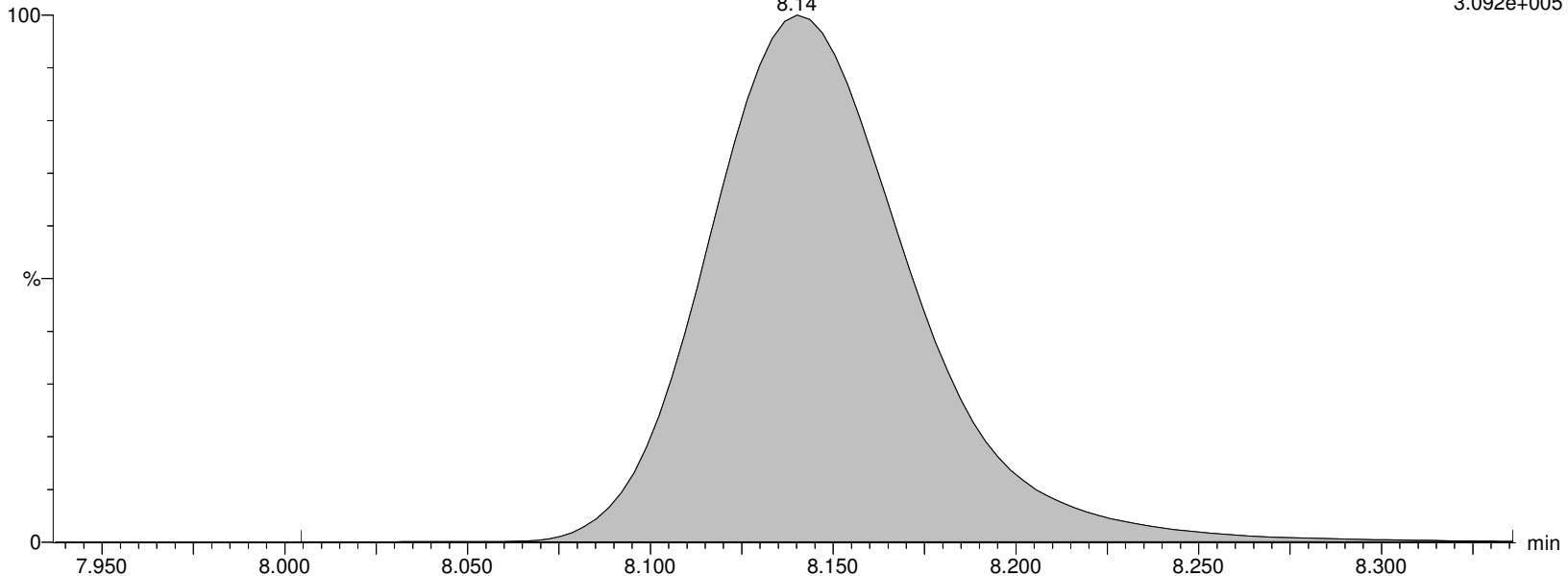
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F15:MRM of 2 channels,ES-

362.926 > 169.12

3.092e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFHpA

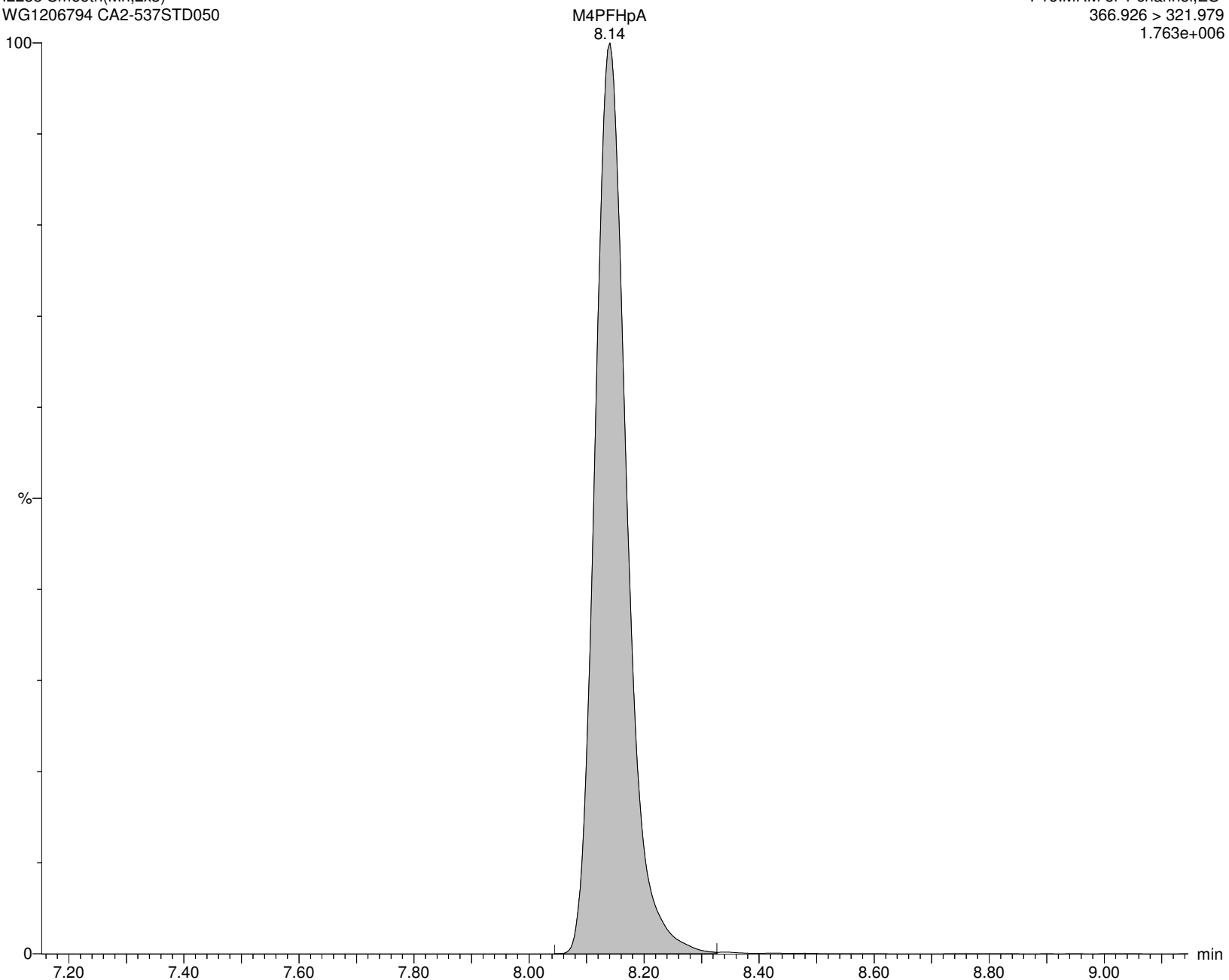
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F16:MRM of 1 channel,ES-

366.926 > 321.979

1.763e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFHxS

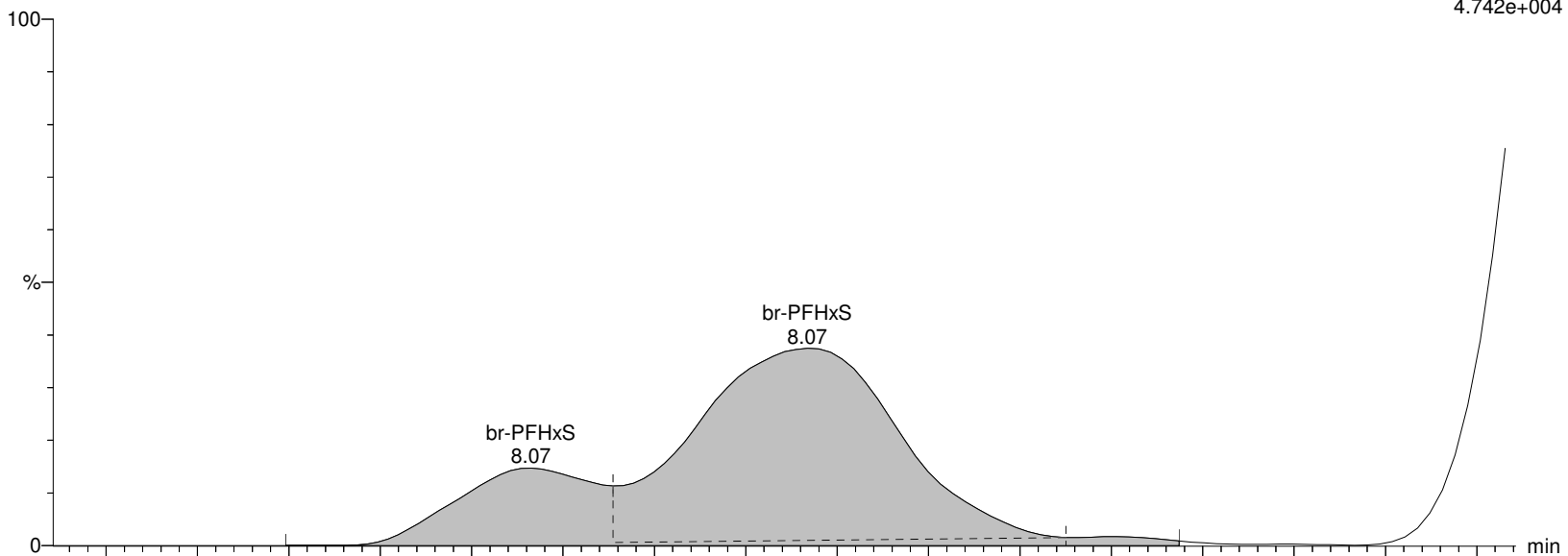
I2283 Smooth(Mn,3x2)

WG1206794 CA2-537STD050

F18:MRM of 2 channels,ES-

398.926 > 80.295

4.742e+004



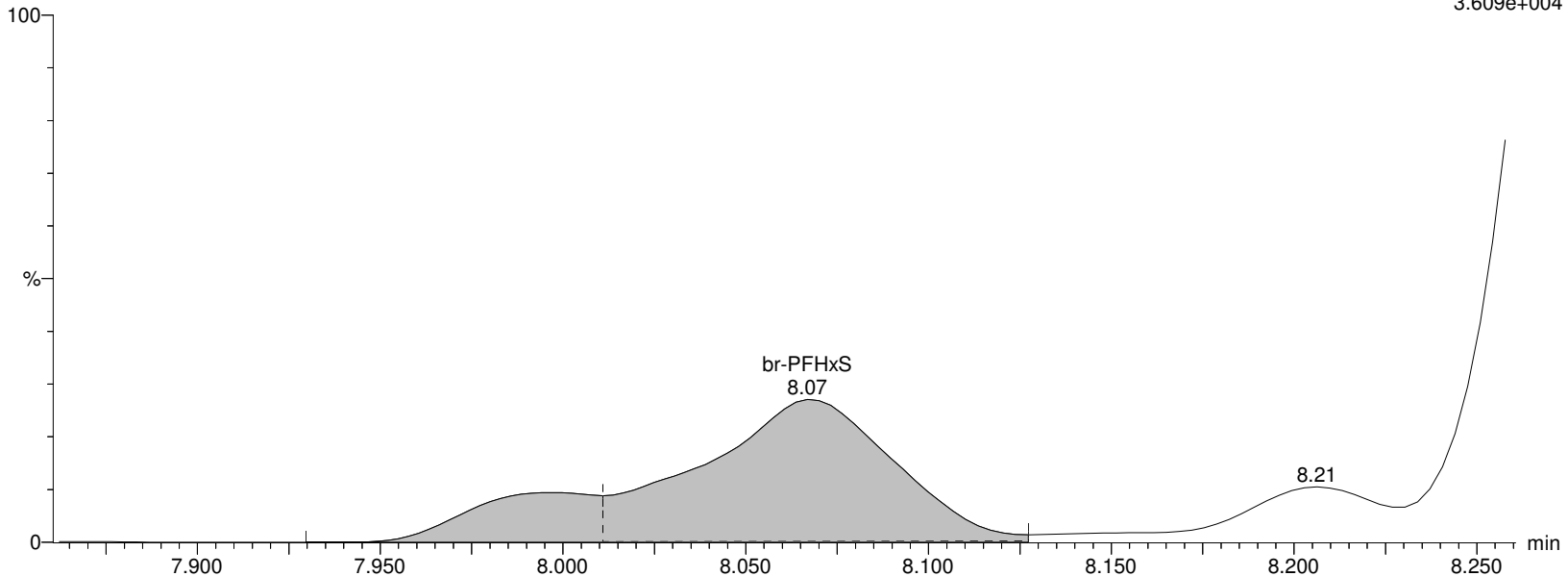
I2283 Smooth(Mn,3x2)

WG1206794 CA2-537STD050

F18:MRM of 2 channels,ES-

398.926 > 99.2

3.609e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFHxS

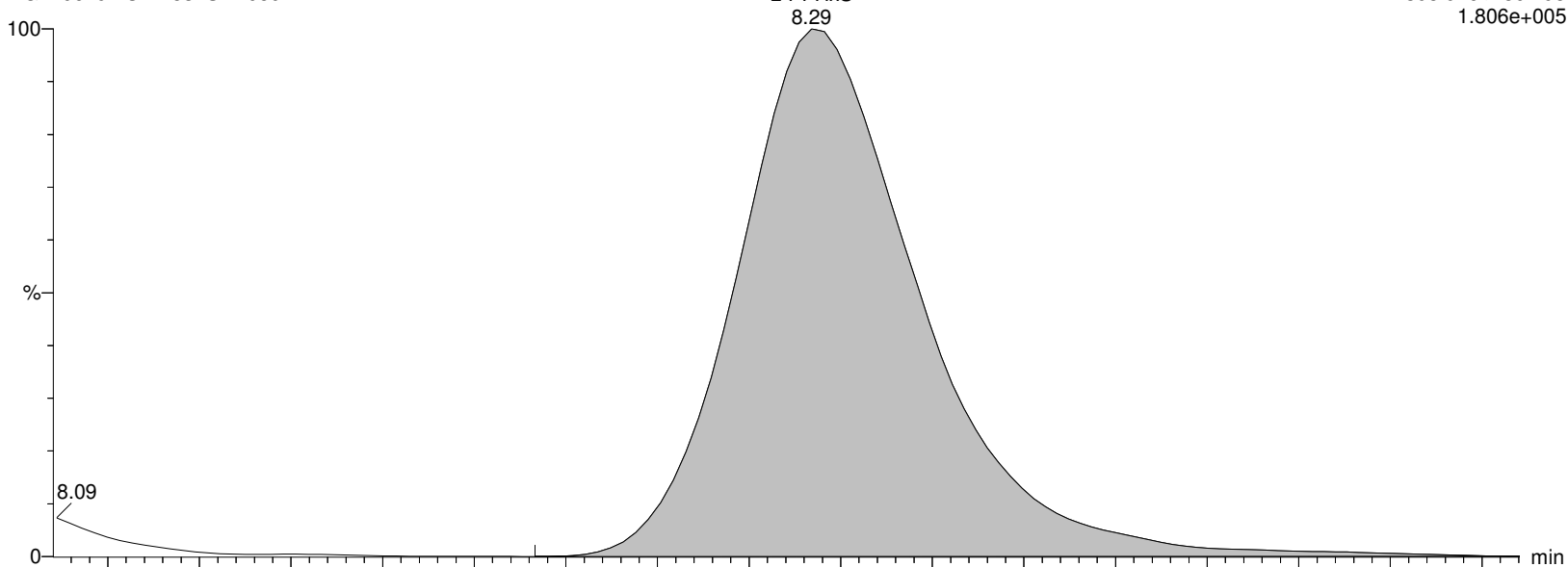
I2283 Smooth(Mn,3x2)

WG1206794 CA2-537STD050

F18:MRM of 2 channels,ES-

398.926 > 80.295

1.806e+005



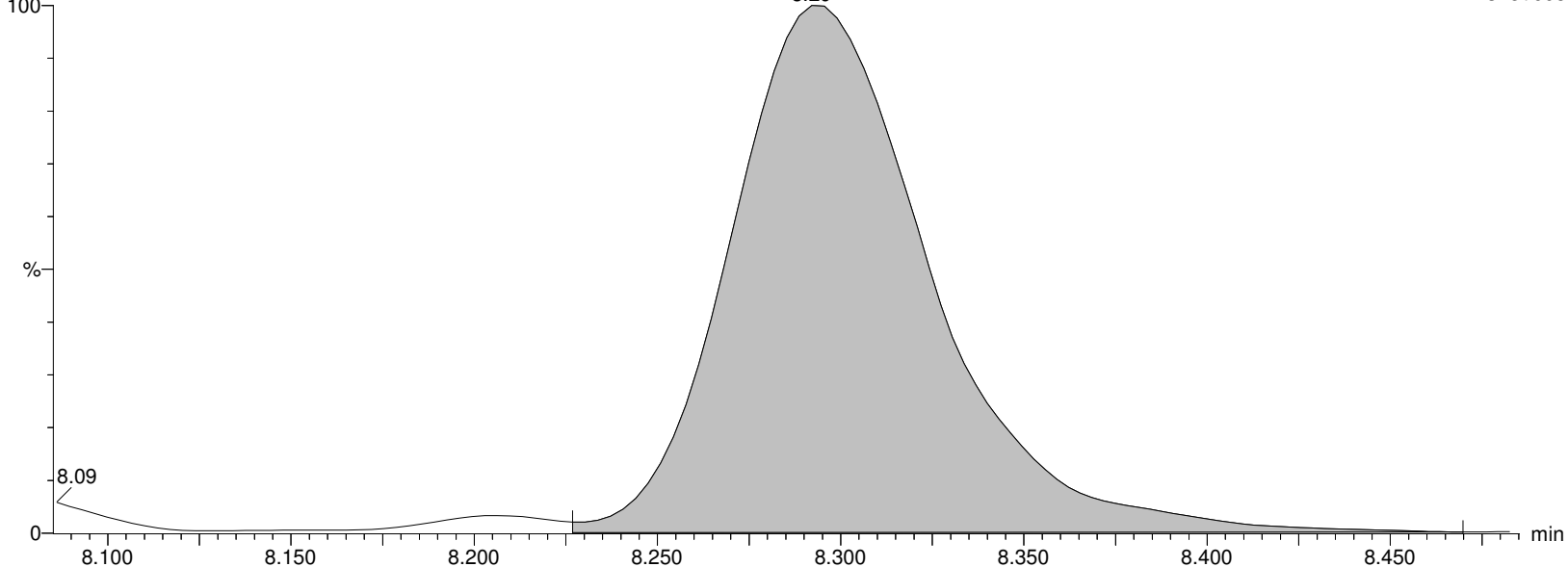
I2283 Smooth(Mn,3x2)

WG1206794 CA2-537STD050

F18:MRM of 2 channels,ES-

398.926 > 99.2

1.131e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxS

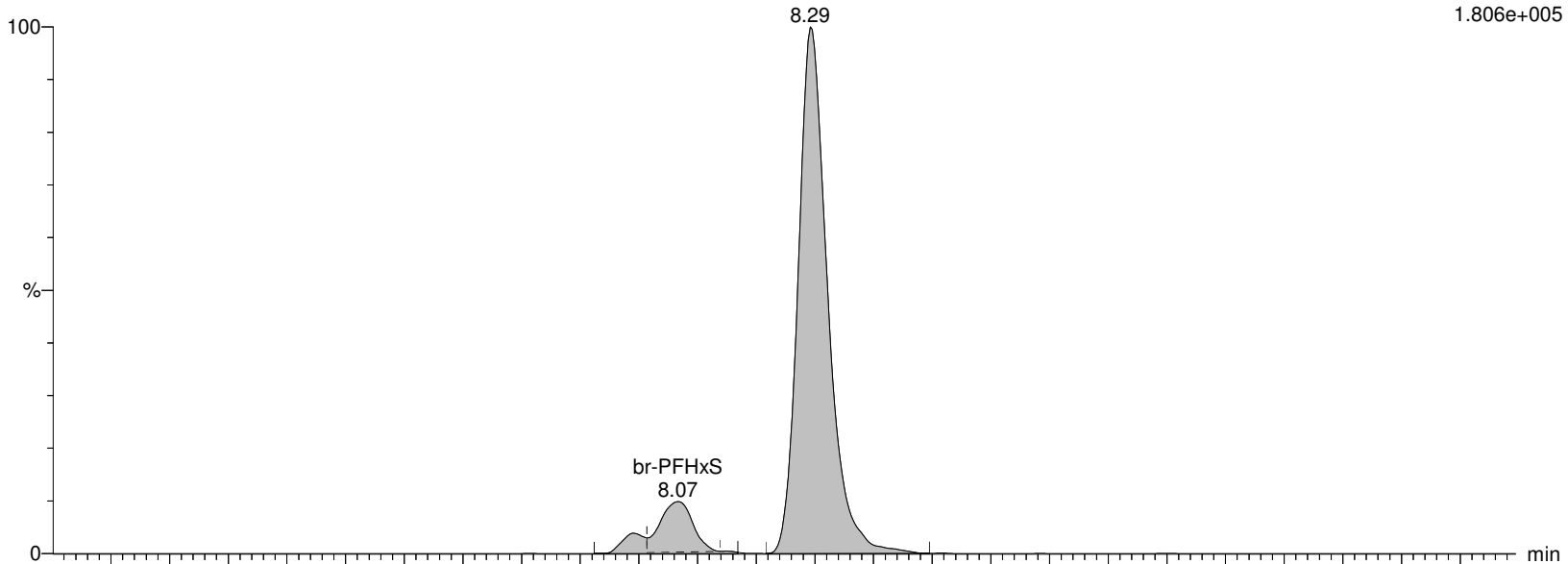
I2283 Smooth(Mn,3x2)

WG1206794 CA2-537STD050

F18:MRM of 2 channels,ES-

398.926 > 80.295

1.806e+005



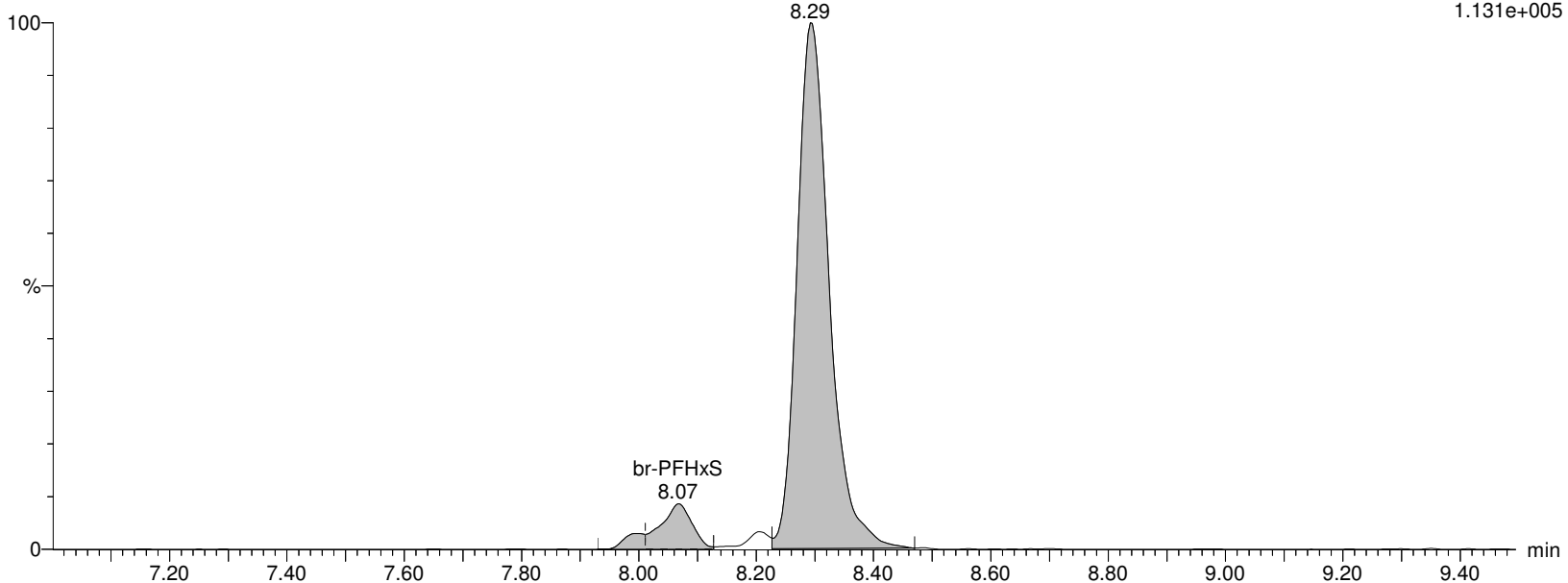
I2283 Smooth(Mn,3x2)

WG1206794 CA2-537STD050

F18:MRM of 2 channels,ES-

398.926 > 99.2

1.131e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFHxS

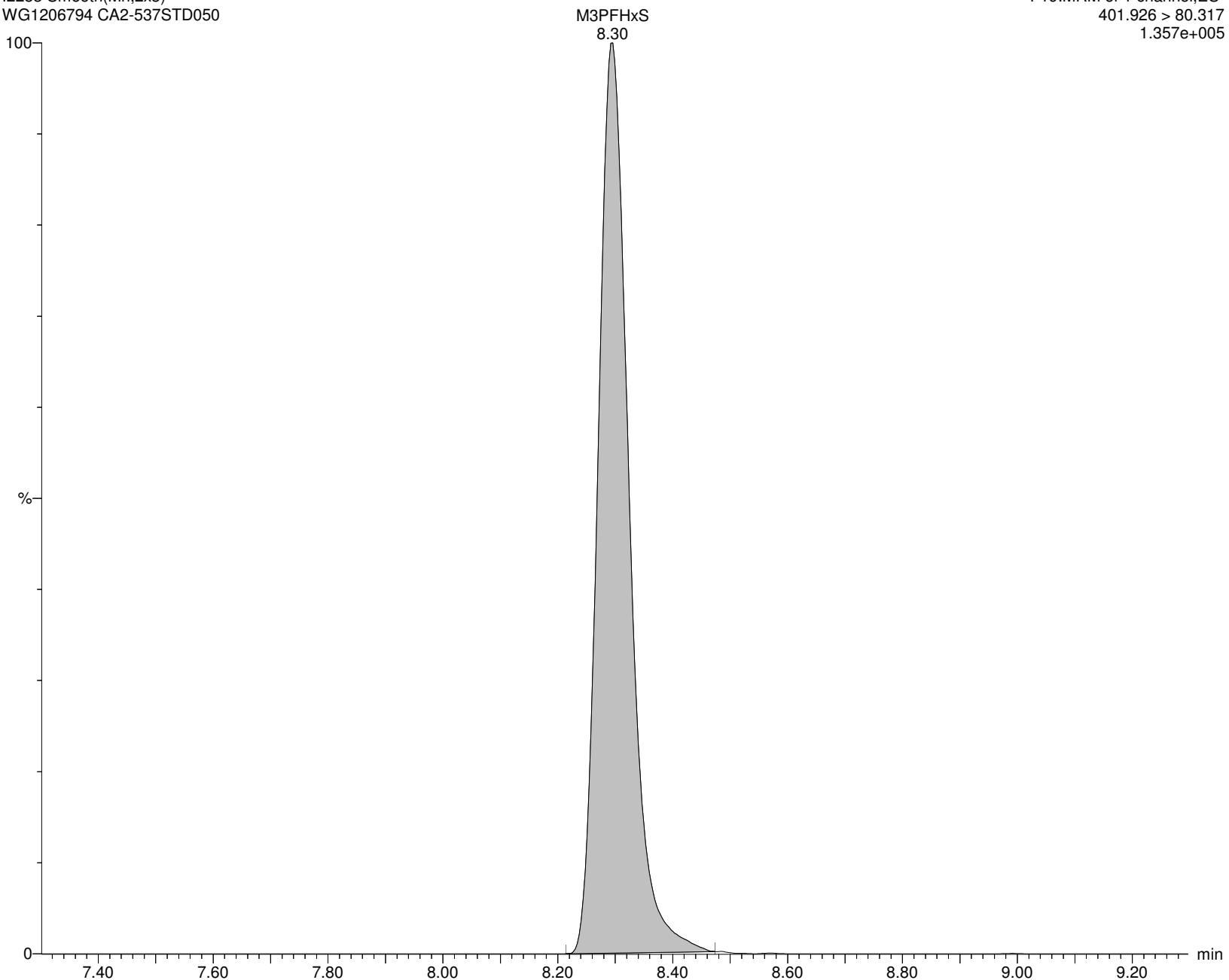
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F19:MRM of 1 channel,ES-

401.926 > 80.317

1.357e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOA

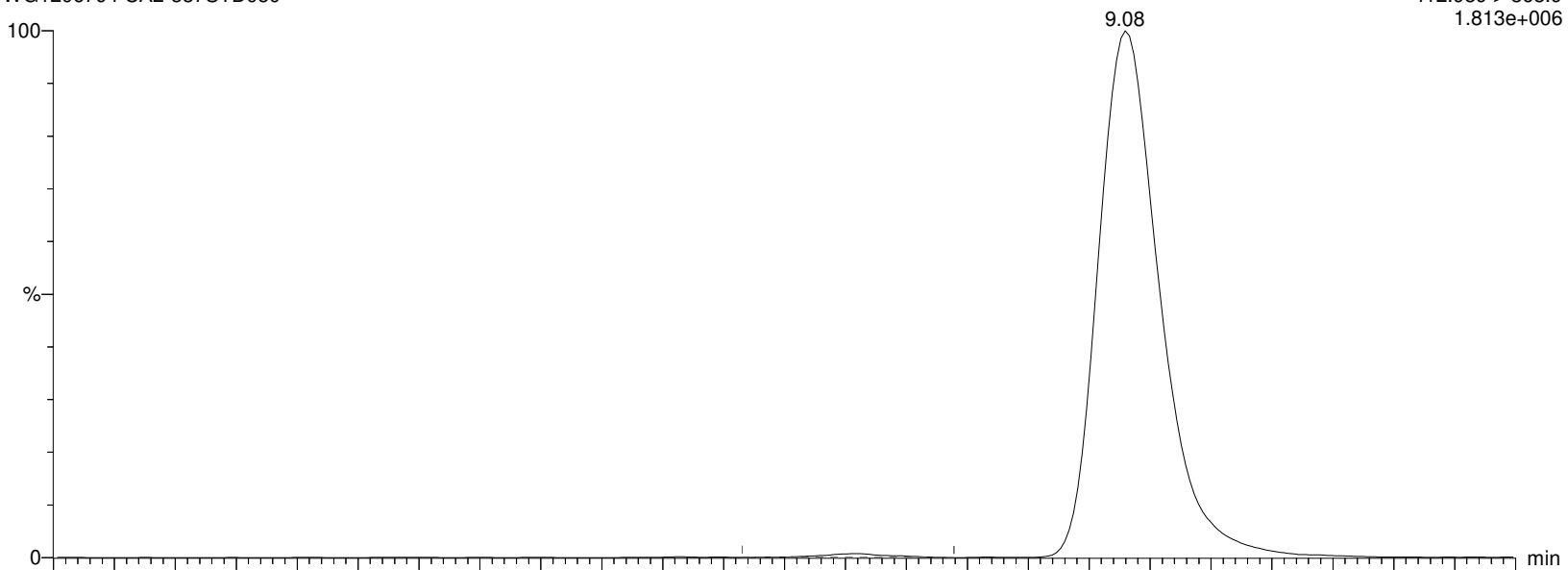
I2283 Smooth(Mn,2x2)

WG1206794 CA2-537STD050

F20:MRM of 2 channels,ES-

412.989 > 368.9

1.813e+006



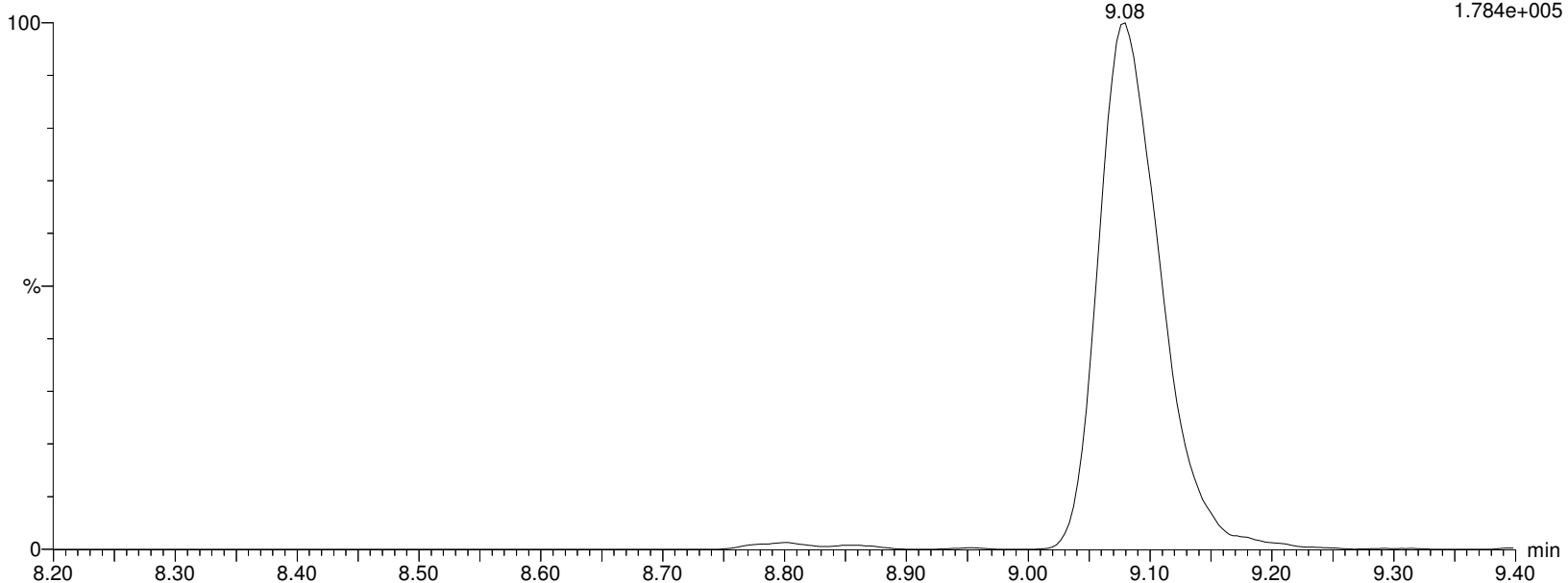
I2283 Smooth(Mn,2x2)

WG1206794 CA2-537STD050

F20:MRM of 2 channels,ES-

412.989 > 219.08

1.784e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOA

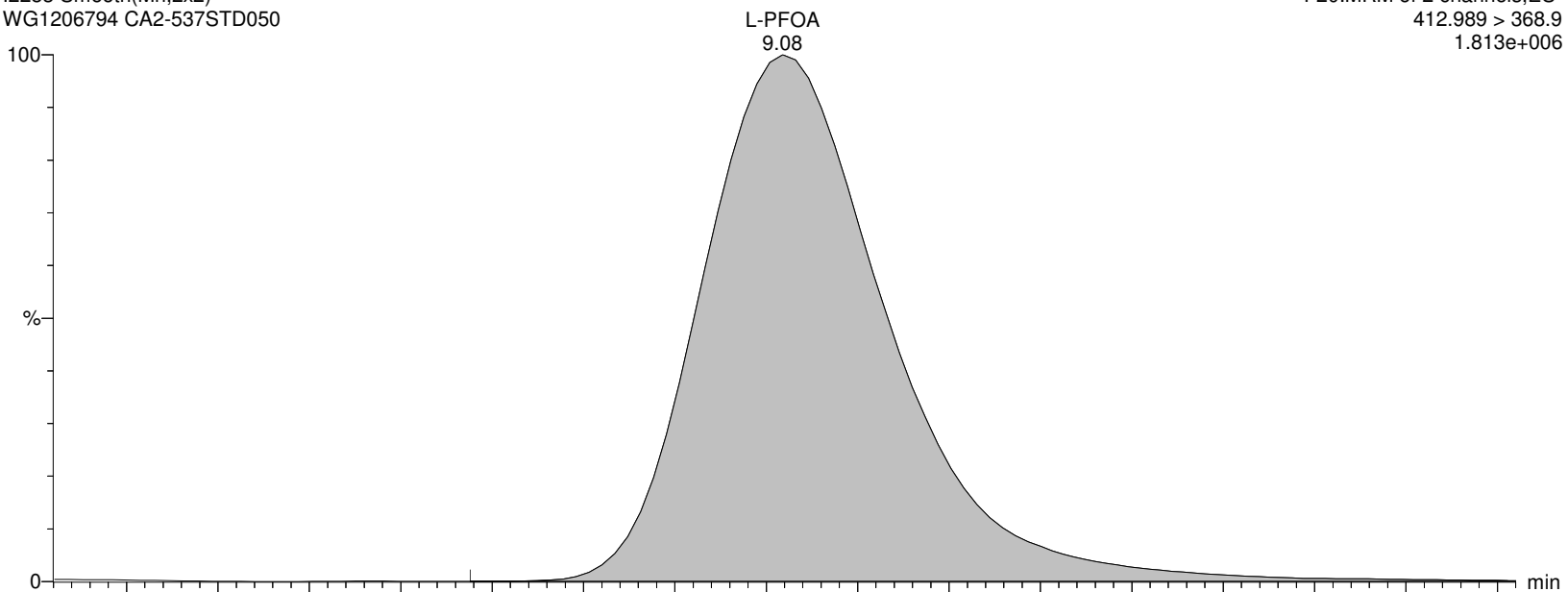
I2283 Smooth(Mn,2x2)

WG1206794 CA2-537STD050

F20:MRM of 2 channels,ES-

412.989 > 368.9

1.813e+006



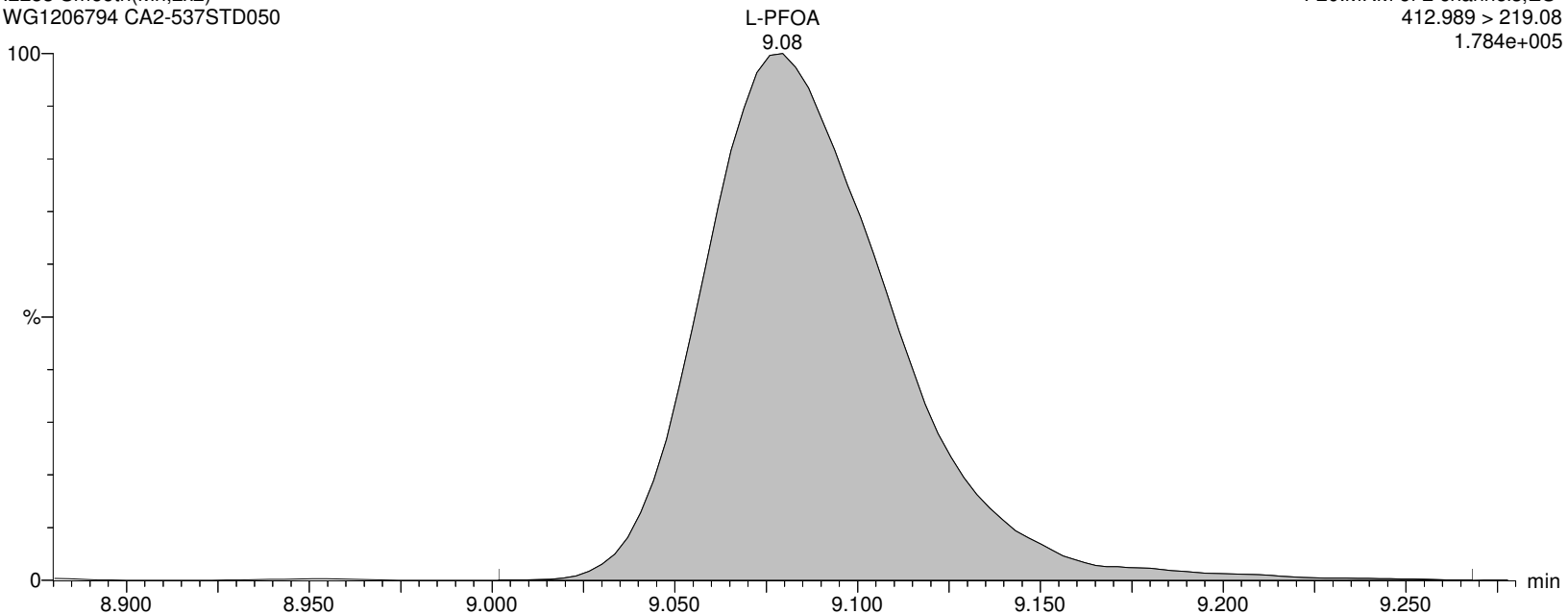
I2283 Smooth(Mn,2x2)

WG1206794 CA2-537STD050

F20:MRM of 2 channels,ES-

412.989 > 219.08

1.784e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFOA

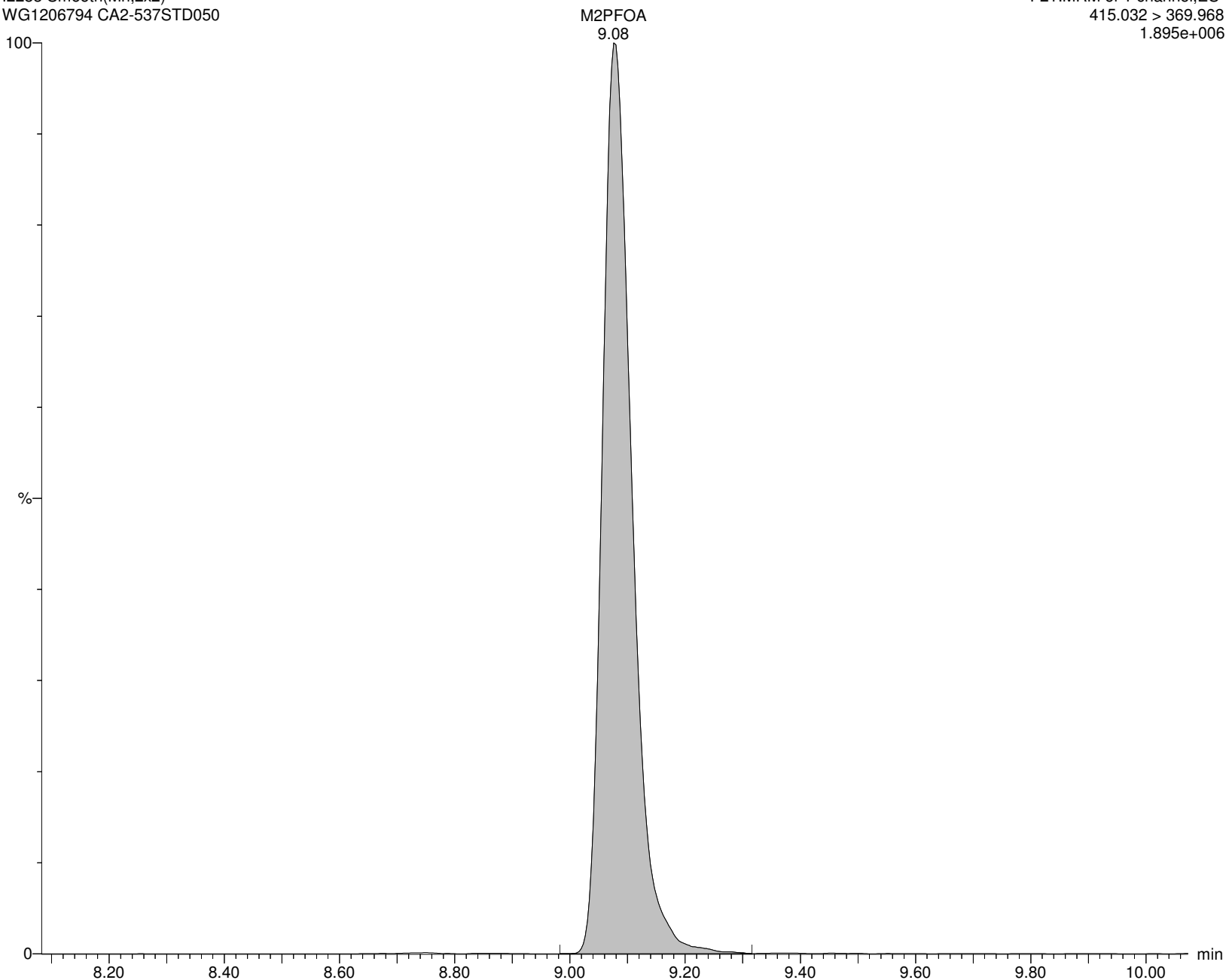
I2283 Smooth(Mn,2x2)

WG1206794 CA2-537STD050

F21:MRM of 1 channel,ES-

415.032 > 369.968

1.895e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOA

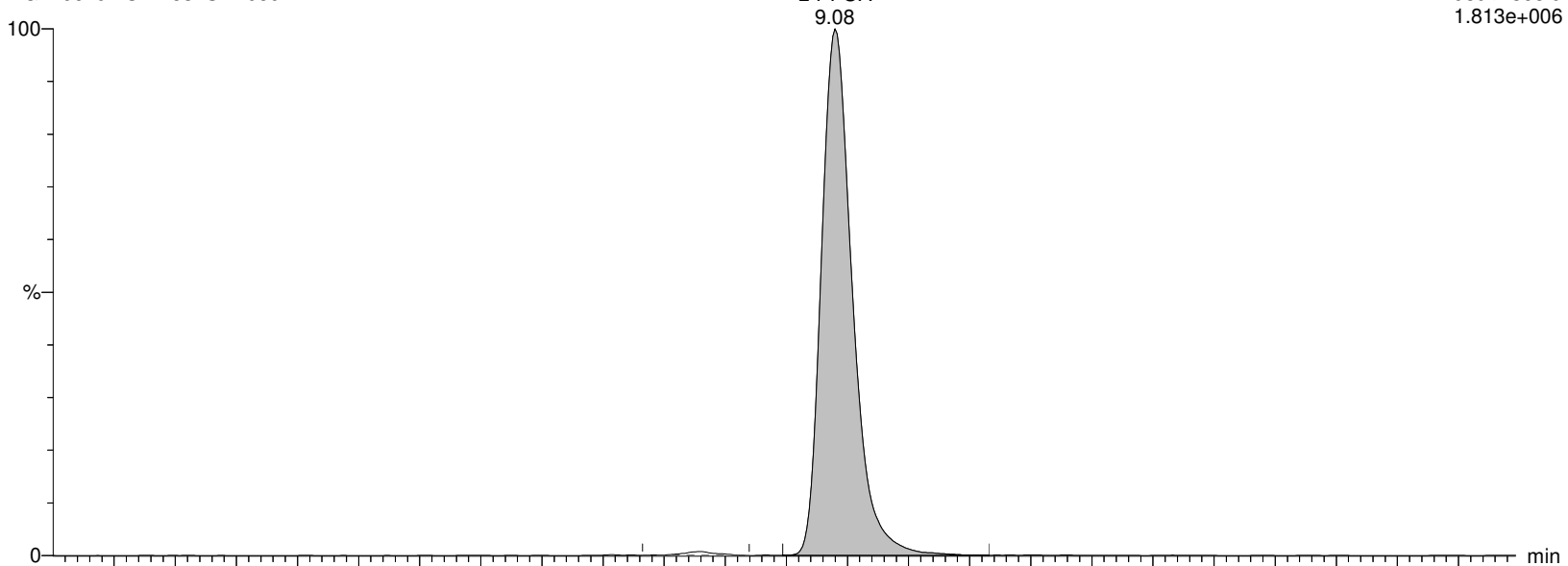
I2283 Smooth(Mn,2x2)

WG1206794 CA2-537STD050

F20:MRM of 2 channels,ES-

412.989 > 368.9

1.813e+006



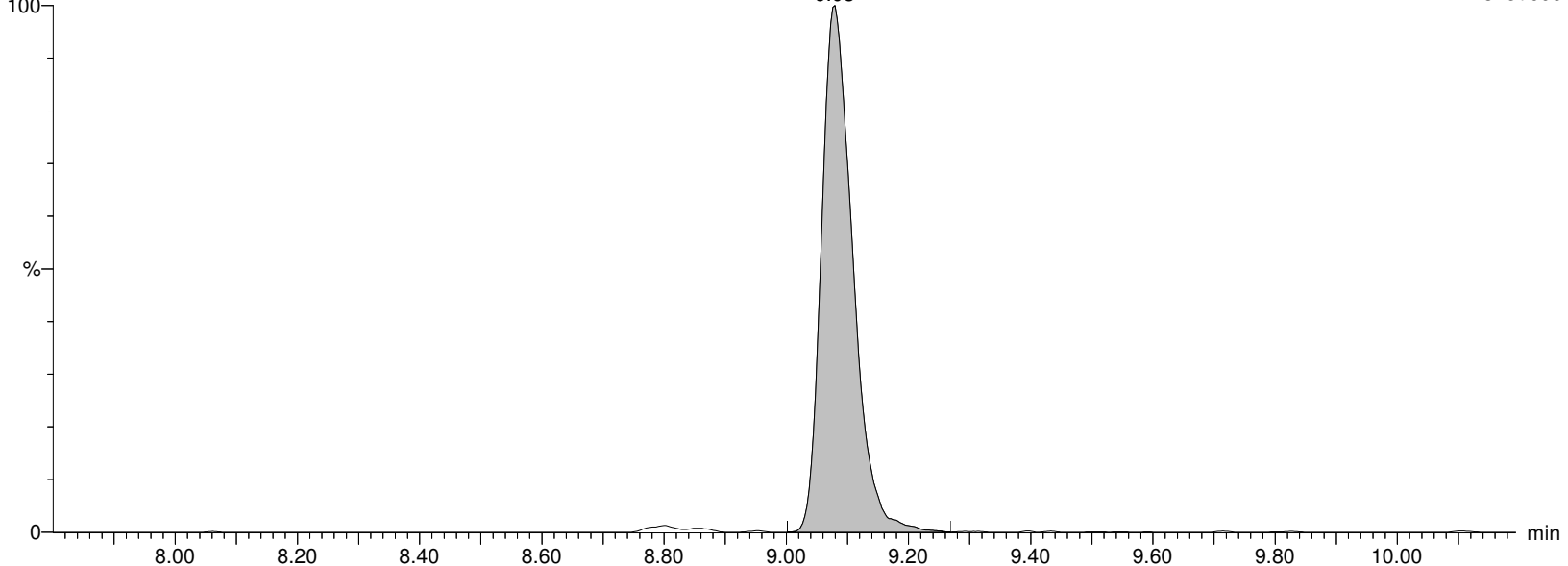
I2283 Smooth(Mn,2x2)

WG1206794 CA2-537STD050

F20:MRM of 2 channels,ES-

412.989 > 219.08

1.784e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOA

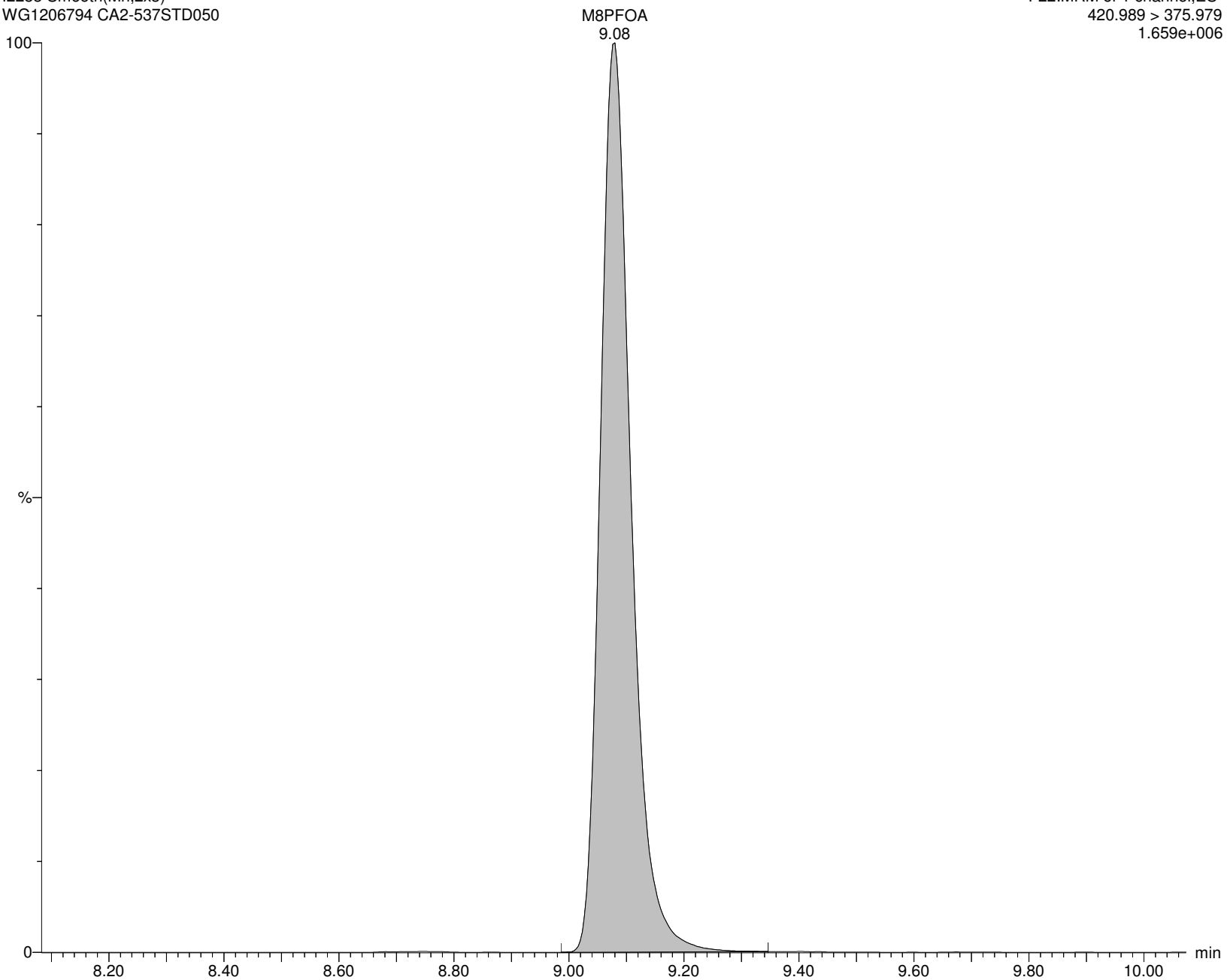
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F22:MRM of 1 channel,ES-

420.989 > 375.979

1.659e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

6:2FTS

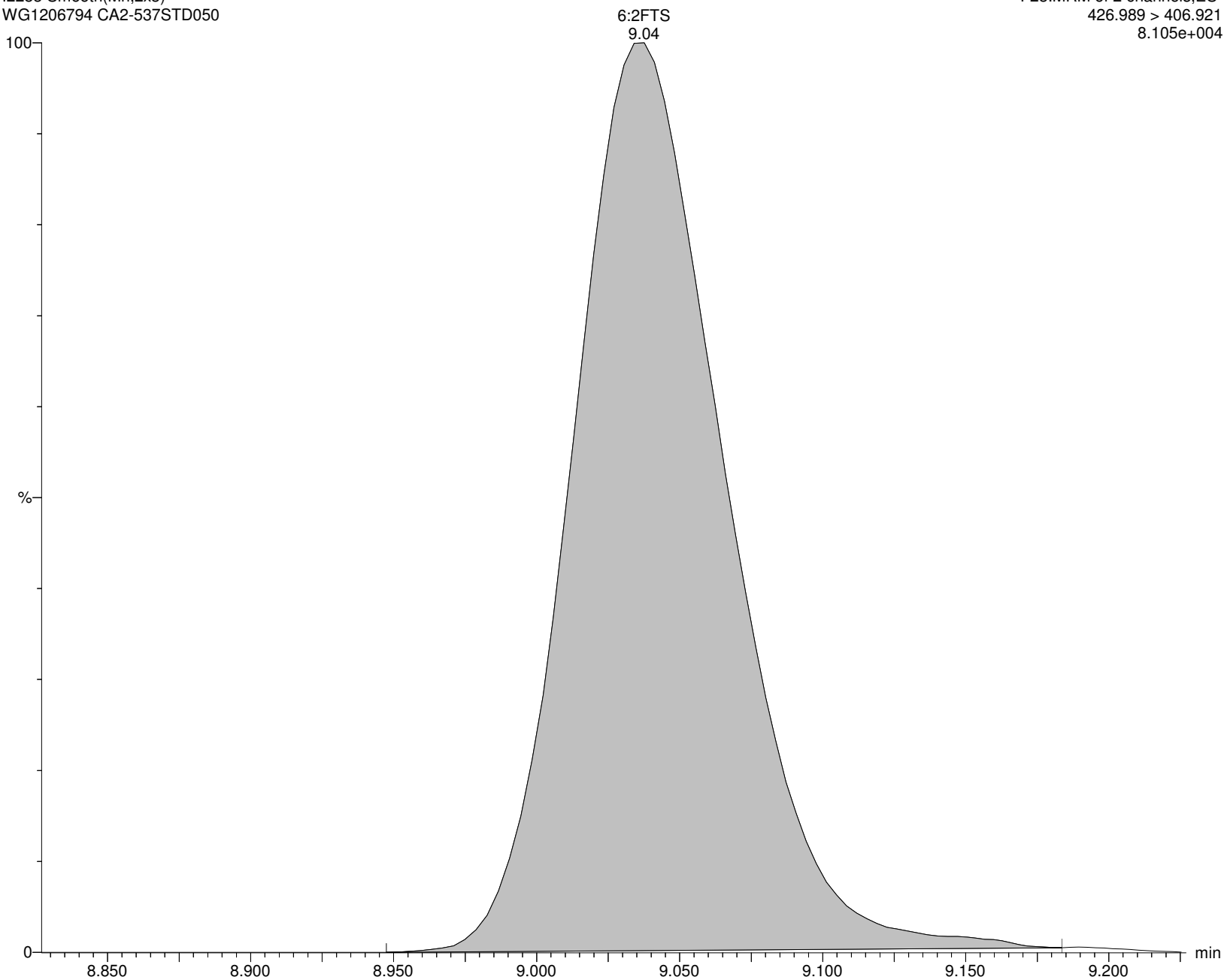
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F23:MRM of 2 channels,ES-

426.989 > 406.921

8.105e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-6:2FTS

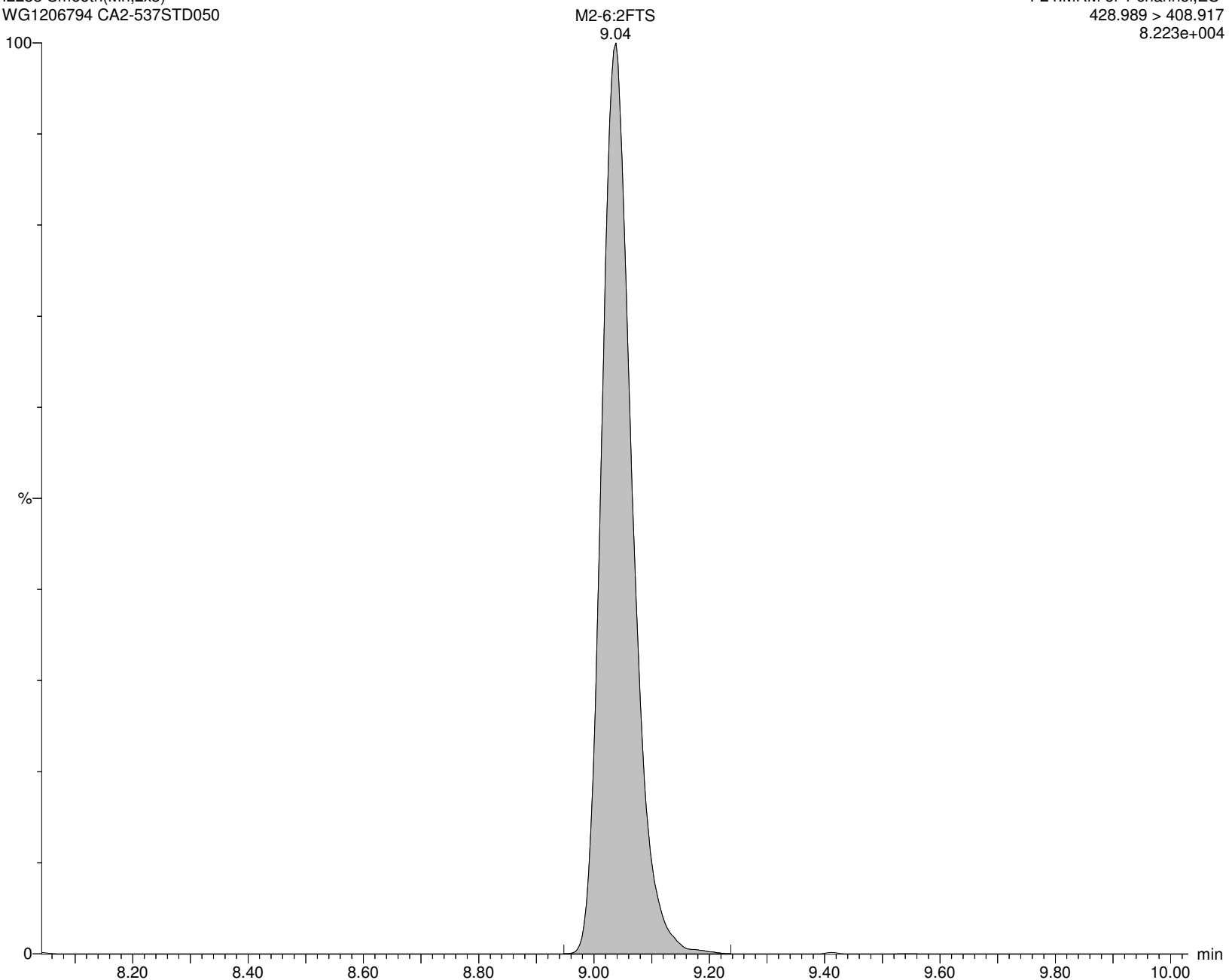
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F24:MRM of 1 channel,ES-

428.989 > 408.917

8.223e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpS

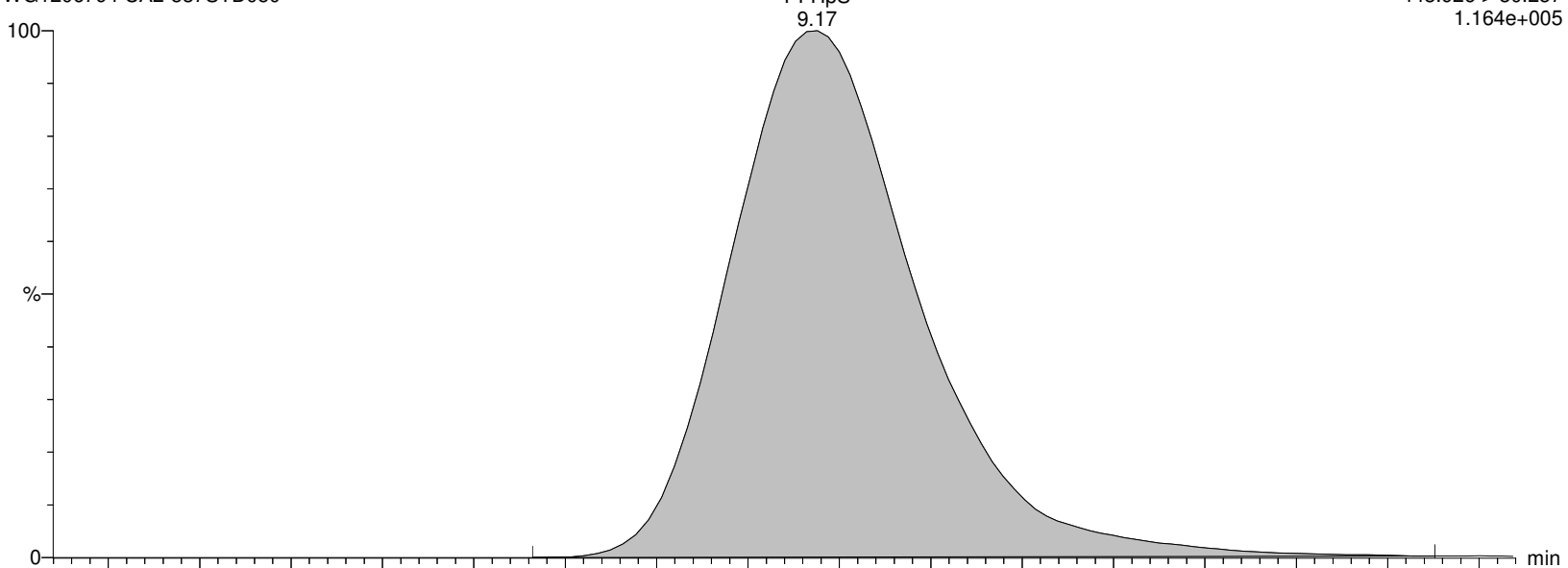
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F25:MRM of 2 channels,ES-

448.926 > 80.257

1.164e+005



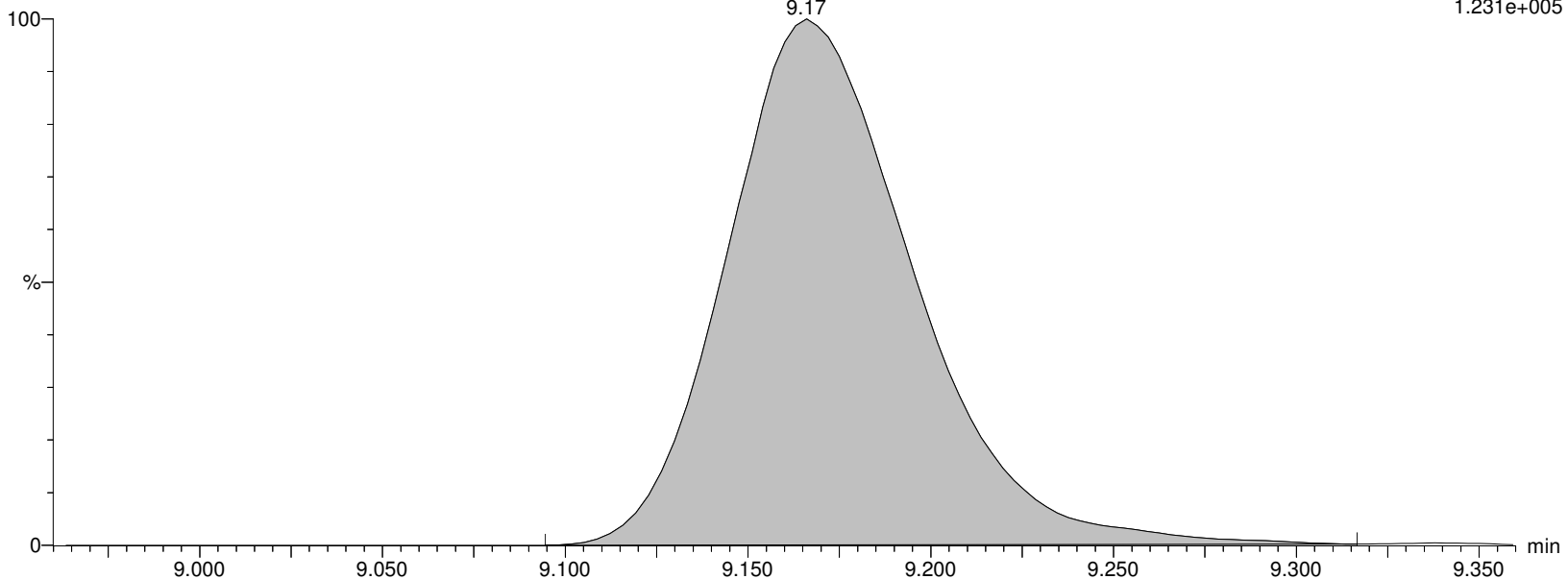
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F25:MRM of 2 channels,ES-

448.926 > 99.22

1.231e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNA

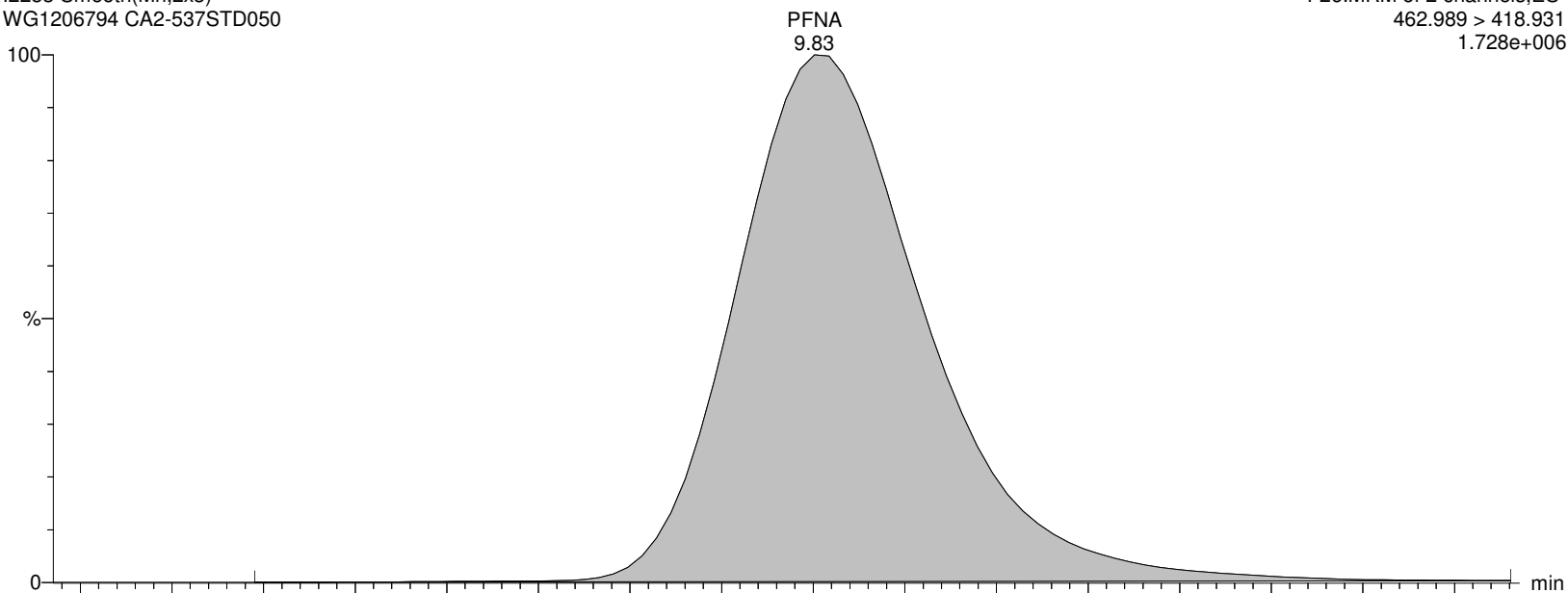
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F26:MRM of 2 channels,ES-

462.989 > 418.931

1.728e+006



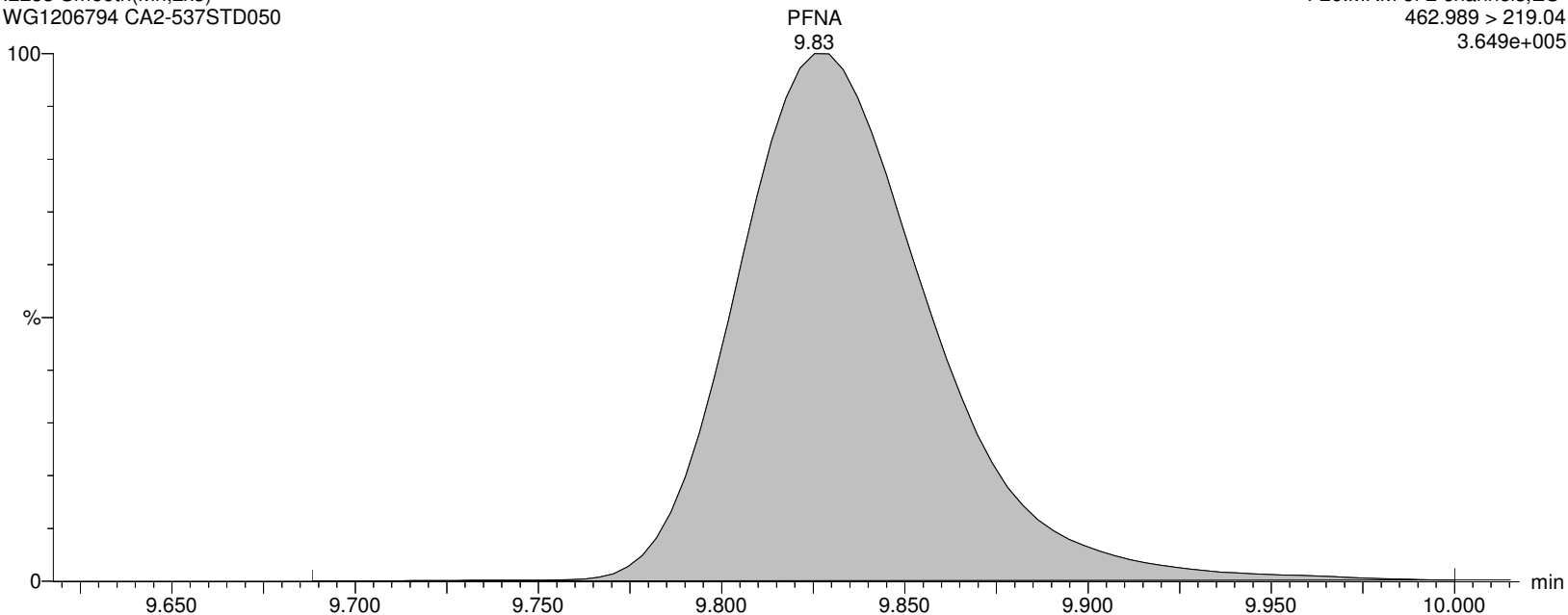
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F26:MRM of 2 channels,ES-

462.989 > 219.04

3.649e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M9PFNA

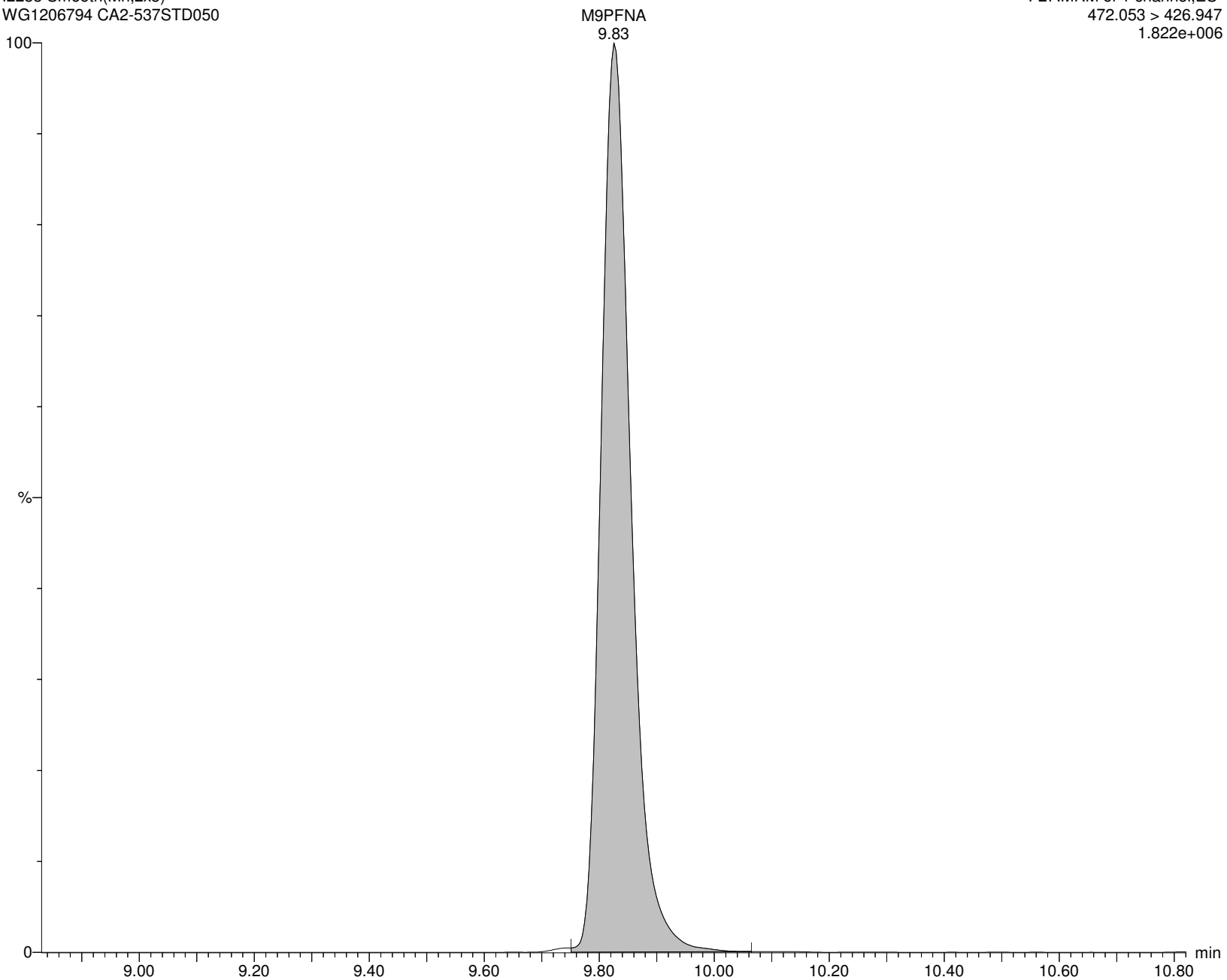
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F27:MRM of 1 channel,ES-

472.053 > 426.947

1.822e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOS

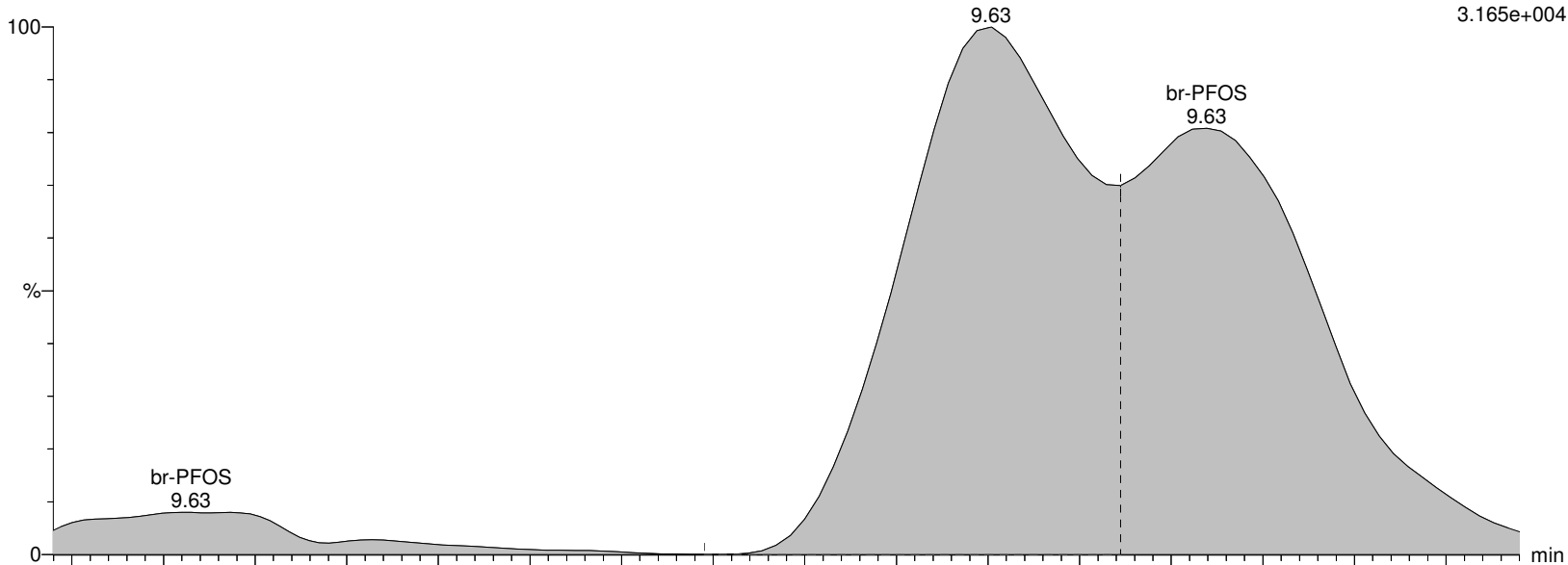
I2283 Smooth(Mn,3x2)

WG1206794 CA2-537STD050

F29:MRM of 2 channels,ES-

498.989 > 80.294

3.165e+004



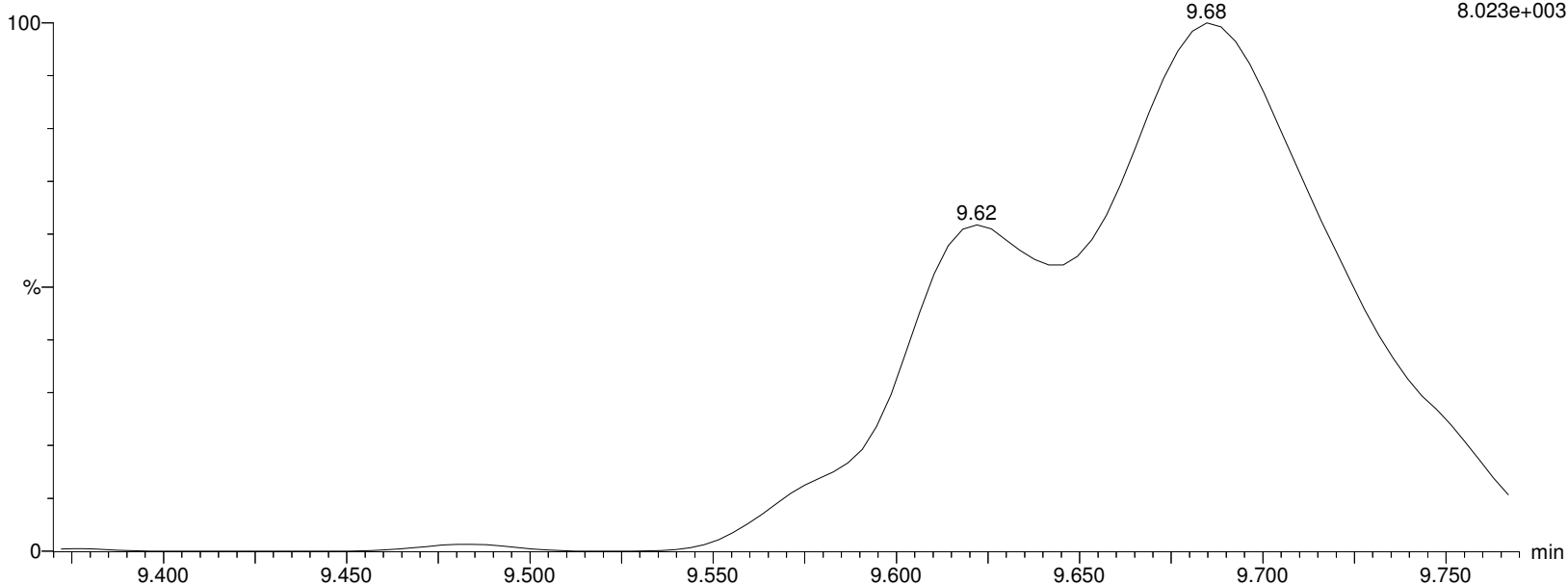
I2283 Smooth(Mn,3x2)

WG1206794 CA2-537STD050

F29:MRM of 2 channels,ES-

498.989 > 99.27

8.023e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOS

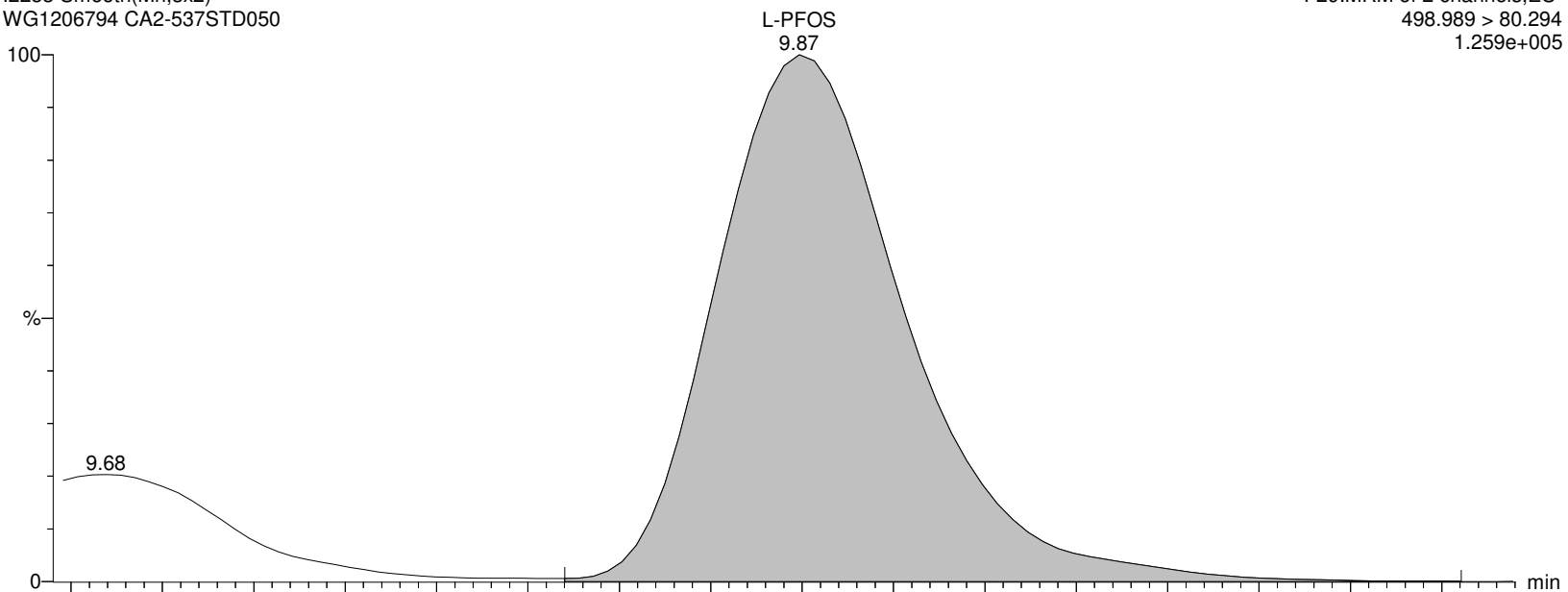
I2283 Smooth(Mn,3x2)

WG1206794 CA2-537STD050

F29:MRM of 2 channels,ES-

498.989 > 80.294

1.259e+005



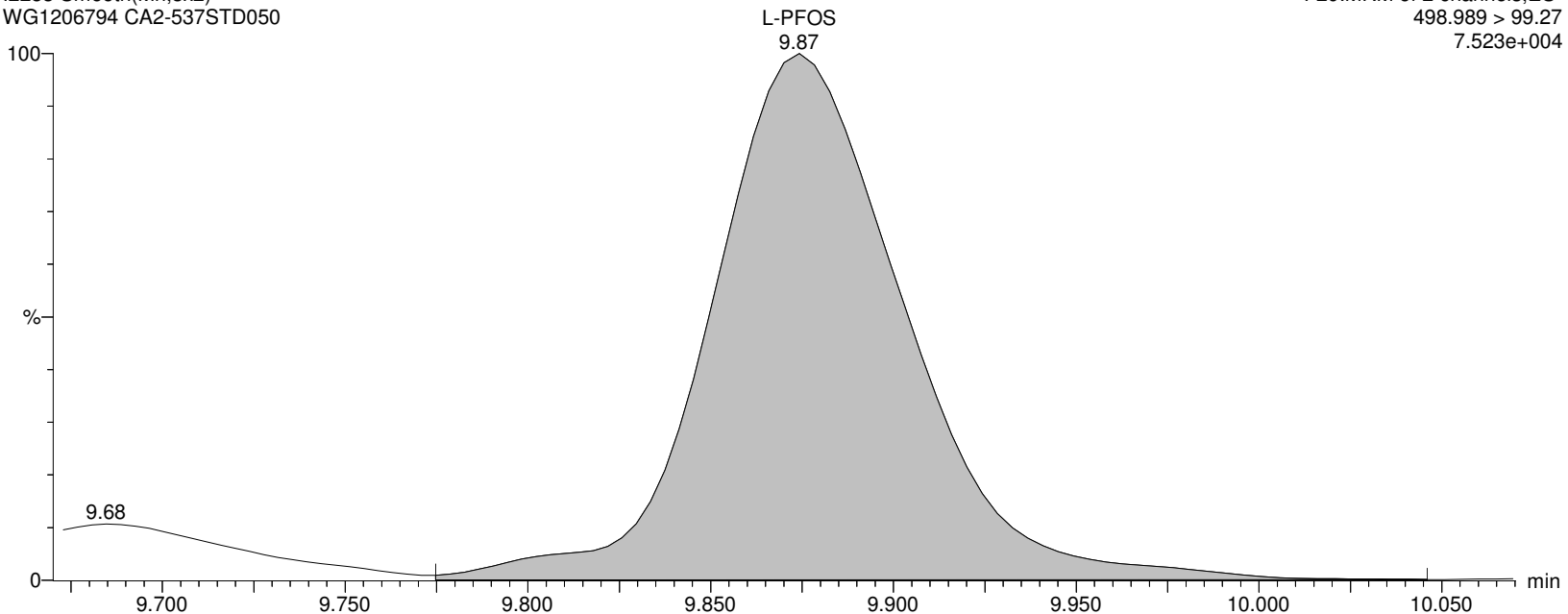
I2283 Smooth(Mn,3x2)

WG1206794 CA2-537STD050

F29:MRM of 2 channels,ES-

498.989 > 99.27

7.523e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOS

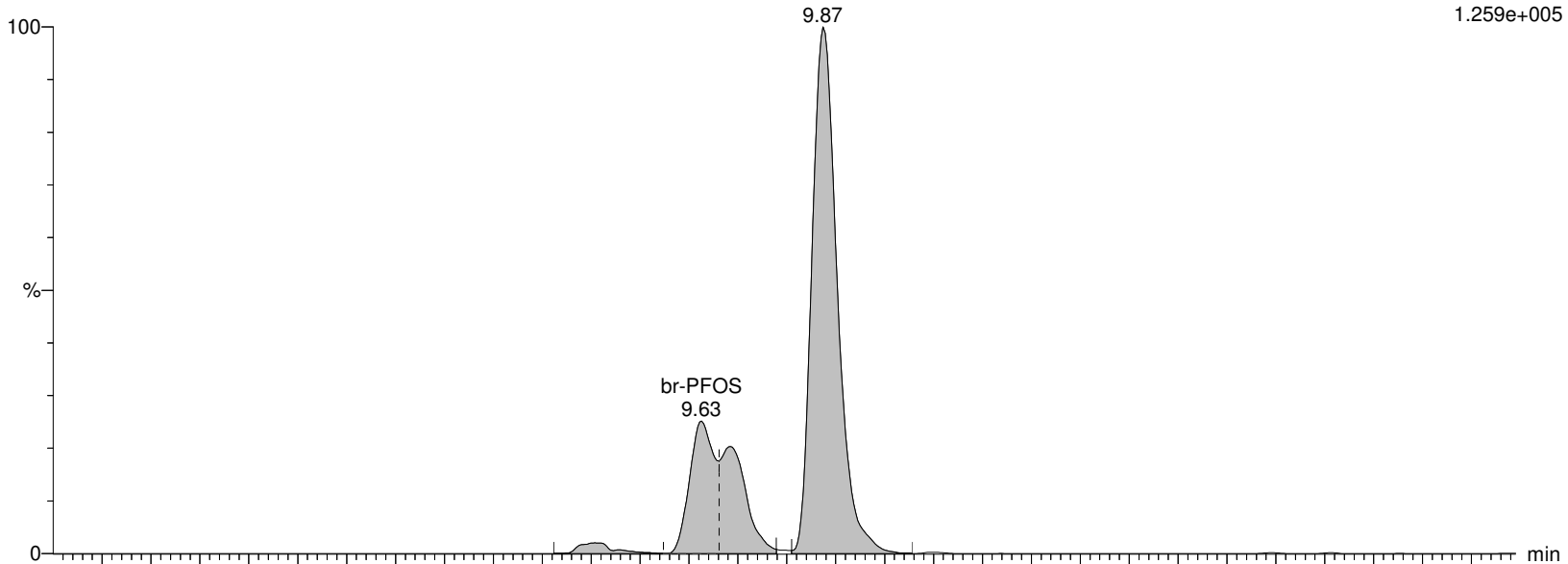
I2283 Smooth(Mn,3x2)

WG1206794 CA2-537STD050

F29:MRM of 2 channels,ES-

498.989 > 80.294

1.259e+005



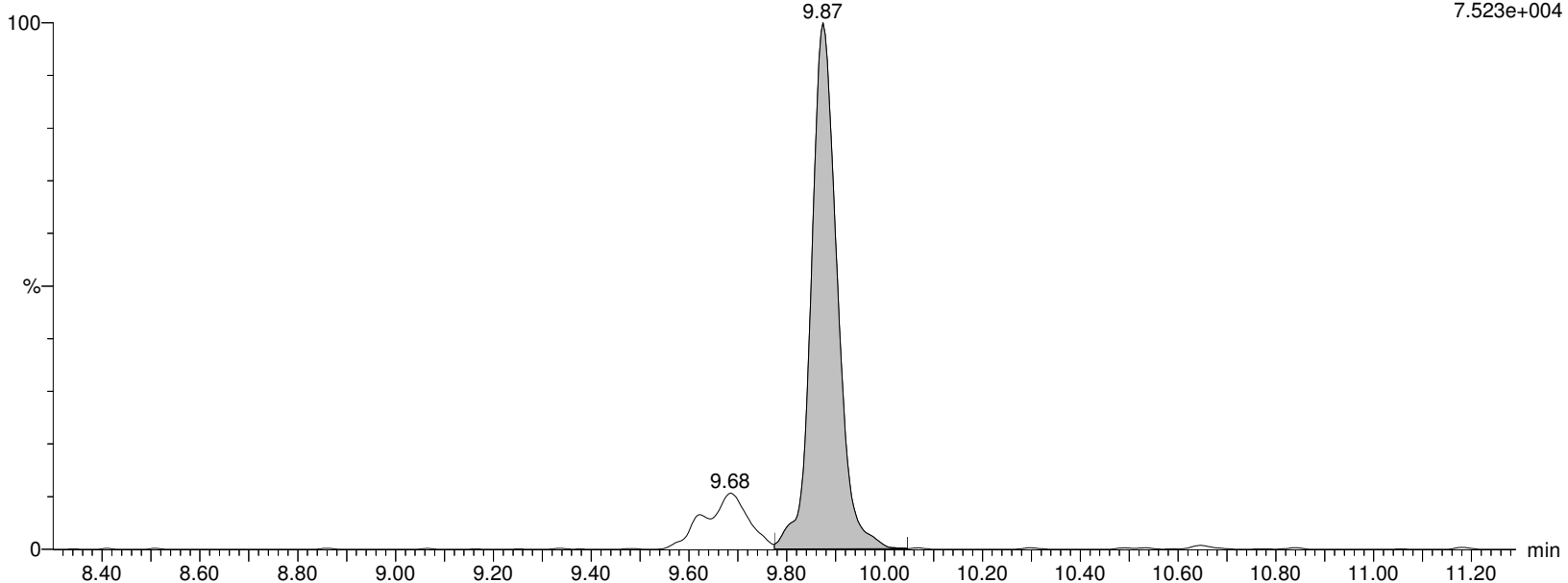
I2283 Smooth(Mn,3x2)

WG1206794 CA2-537STD050

F29:MRM of 2 channels,ES-

498.989 > 99.27

7.523e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFOS

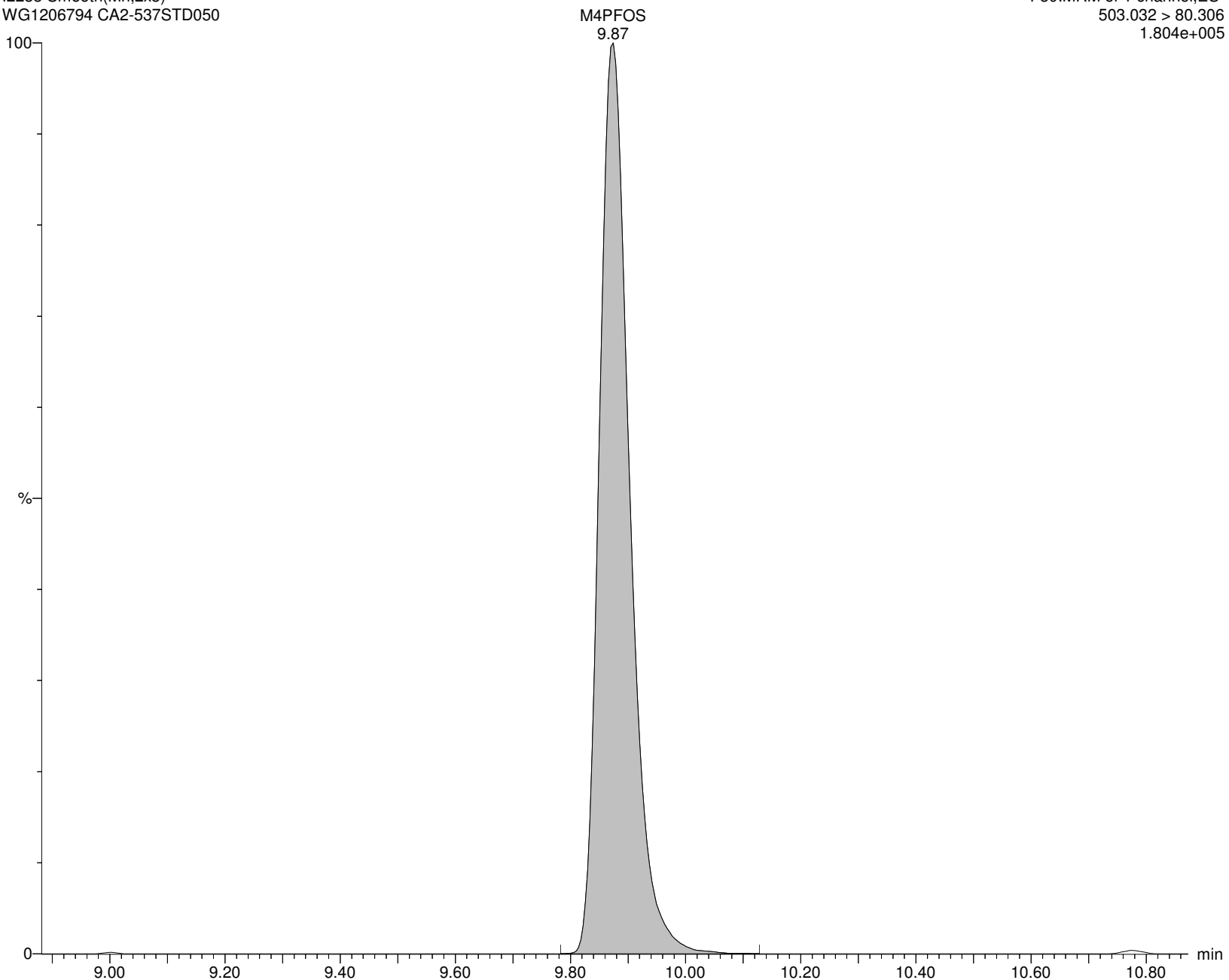
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F30:MRM of 1 channel,ES-

503.032 > 80.306

1.804e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOS

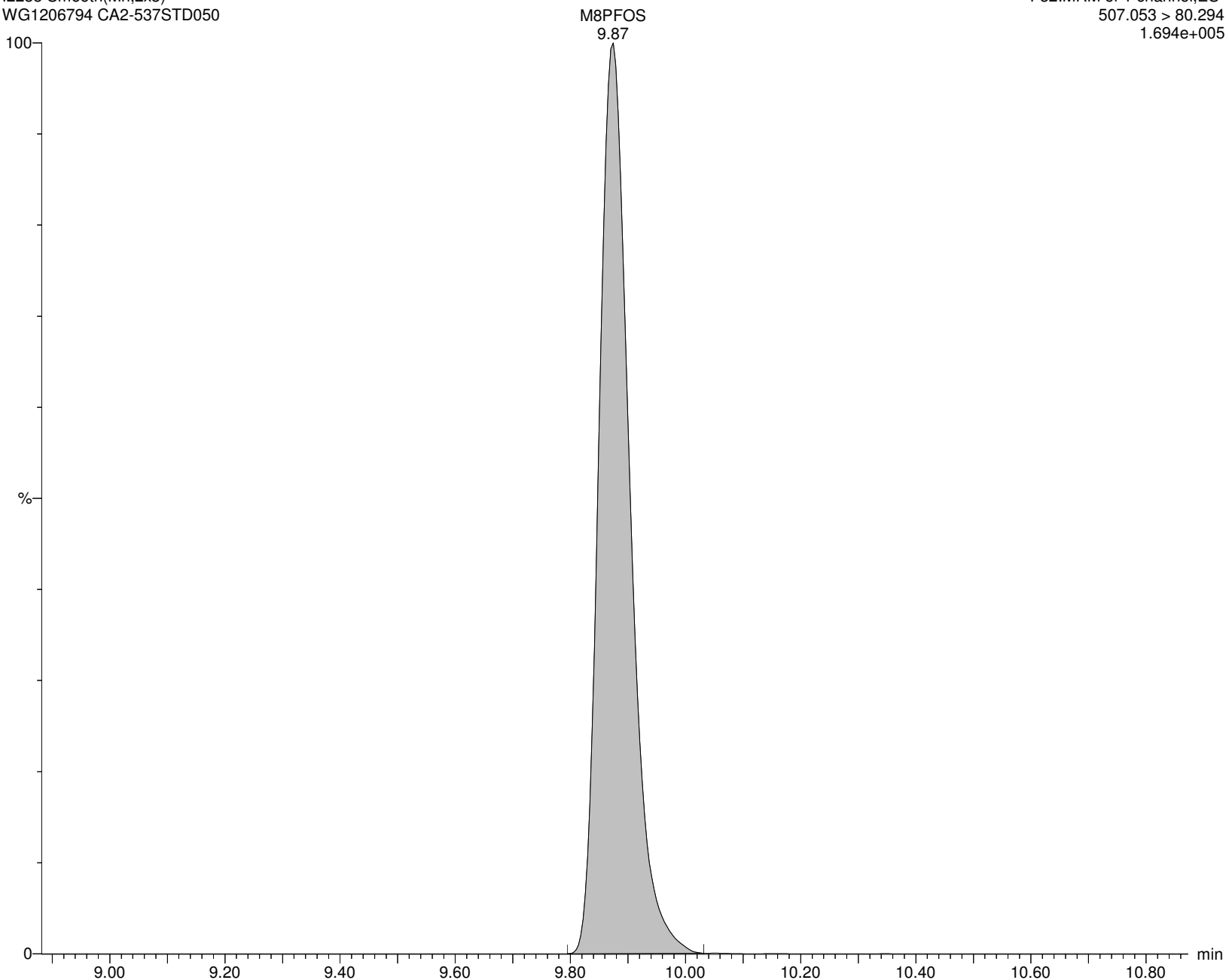
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F32:MRM of 1 channel,ES-

507.053 > 80.294

1.694e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDA

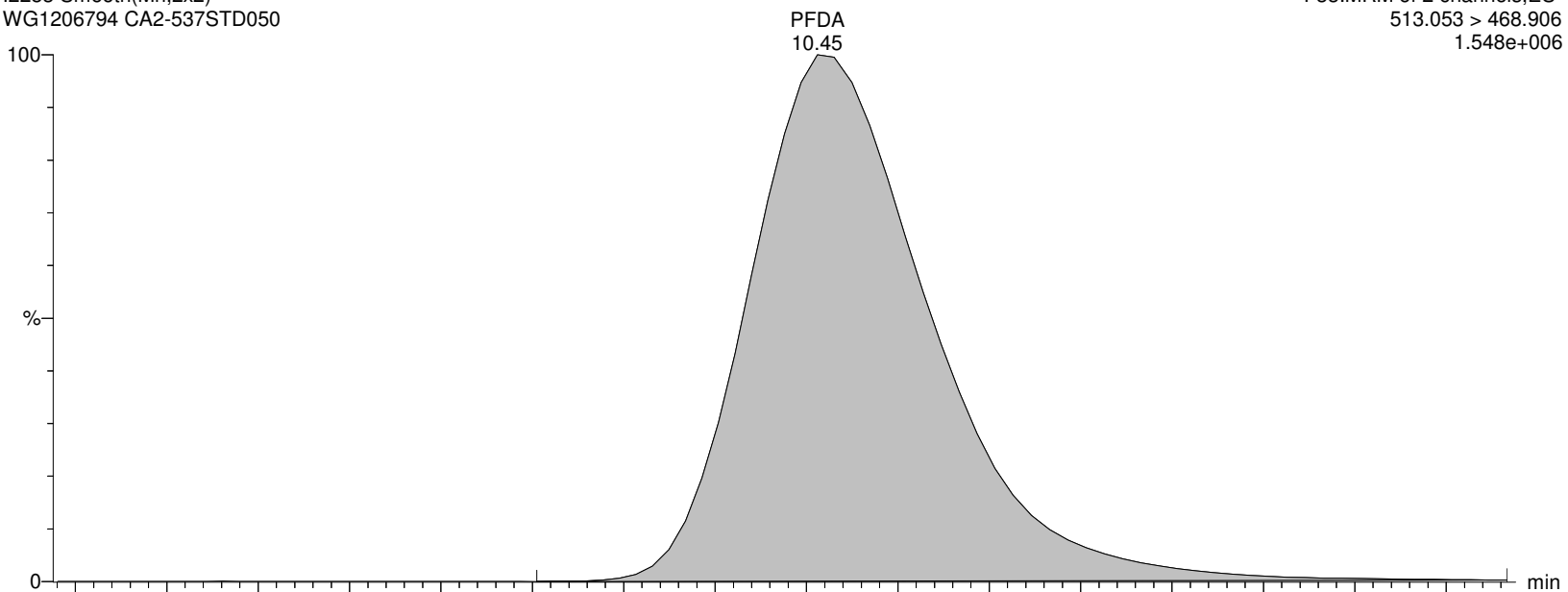
I2283 Smooth(Mn,2x2)

WG1206794 CA2-537STD050

F33:MRM of 2 channels,ES-

513.053 > 468.906

1.548e+006



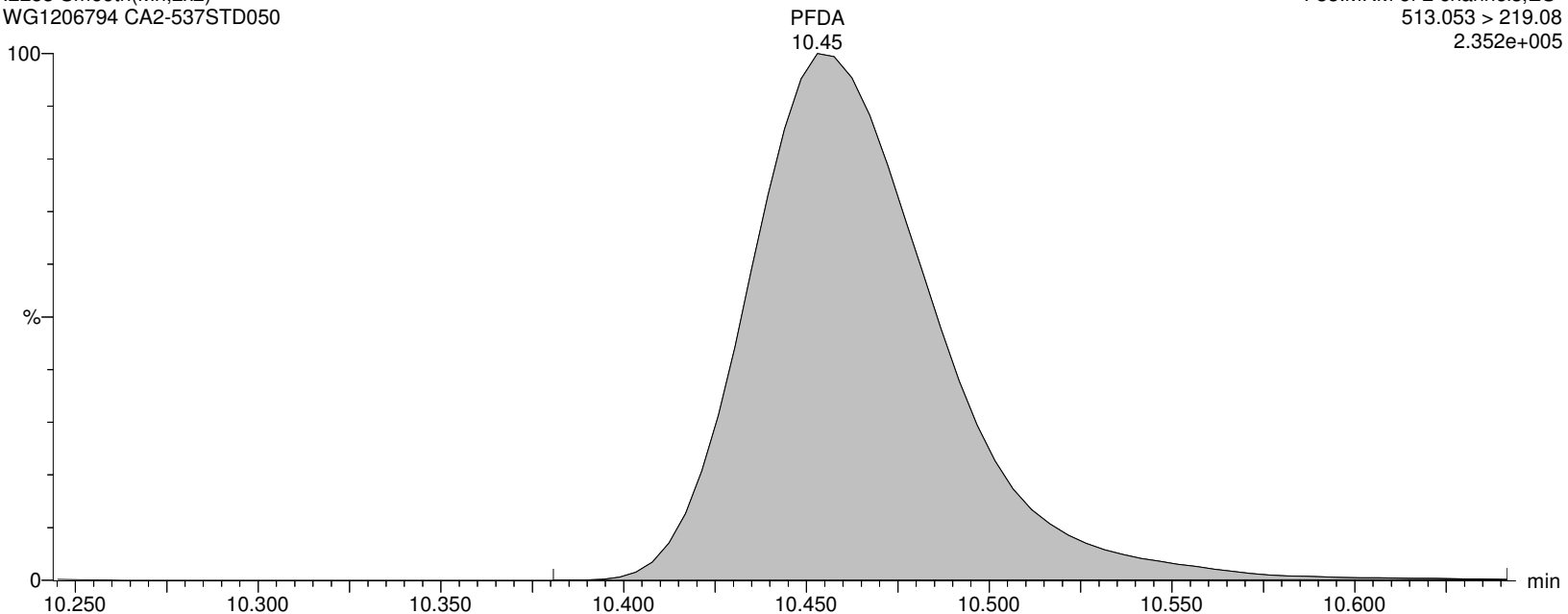
I2283 Smooth(Mn,2x2)

WG1206794 CA2-537STD050

F33:MRM of 2 channels,ES-

513.053 > 219.08

2.352e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFDA

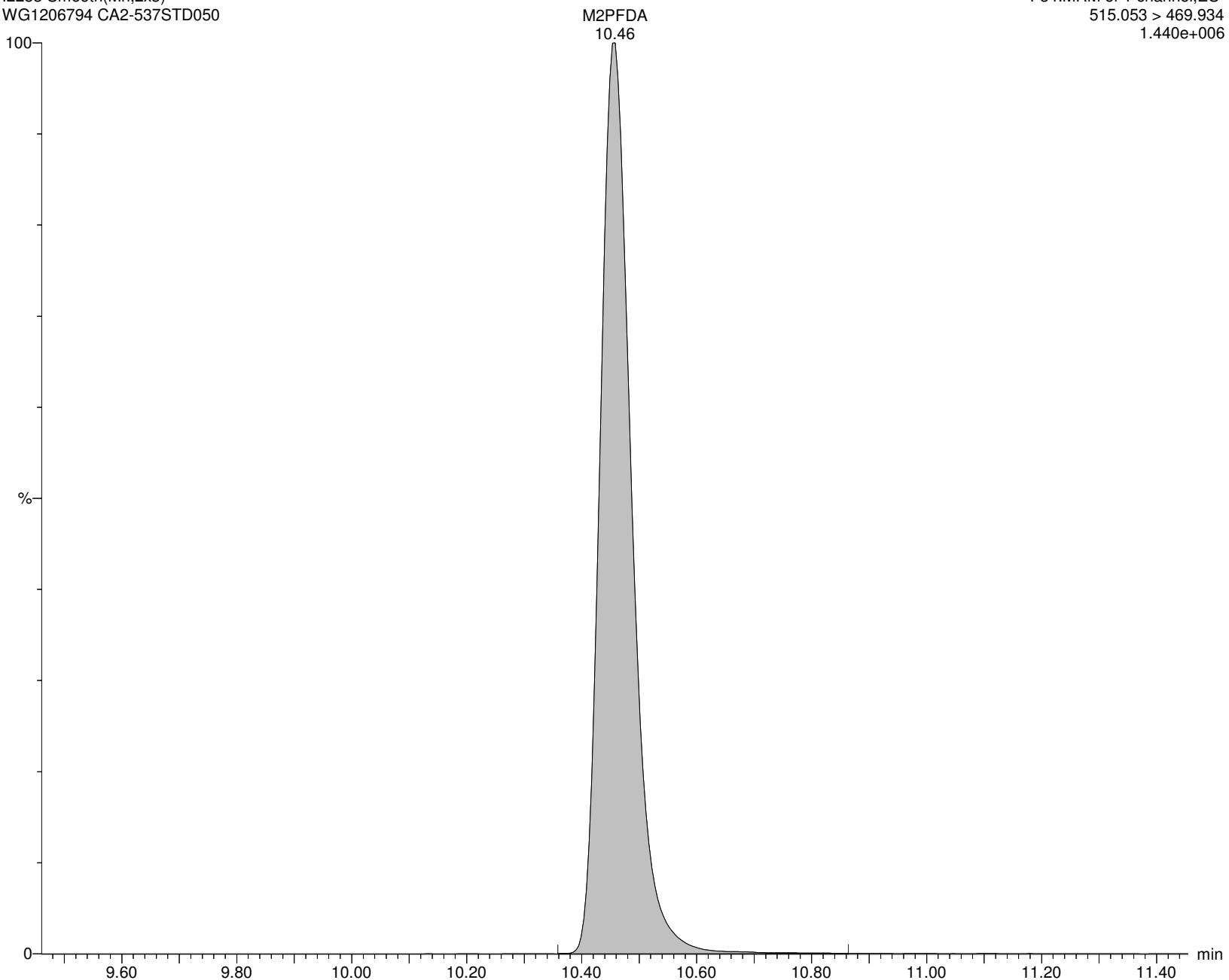
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F34:MRM of 1 channel,ES-

515.053 > 469.934

1.440e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M6PFDA

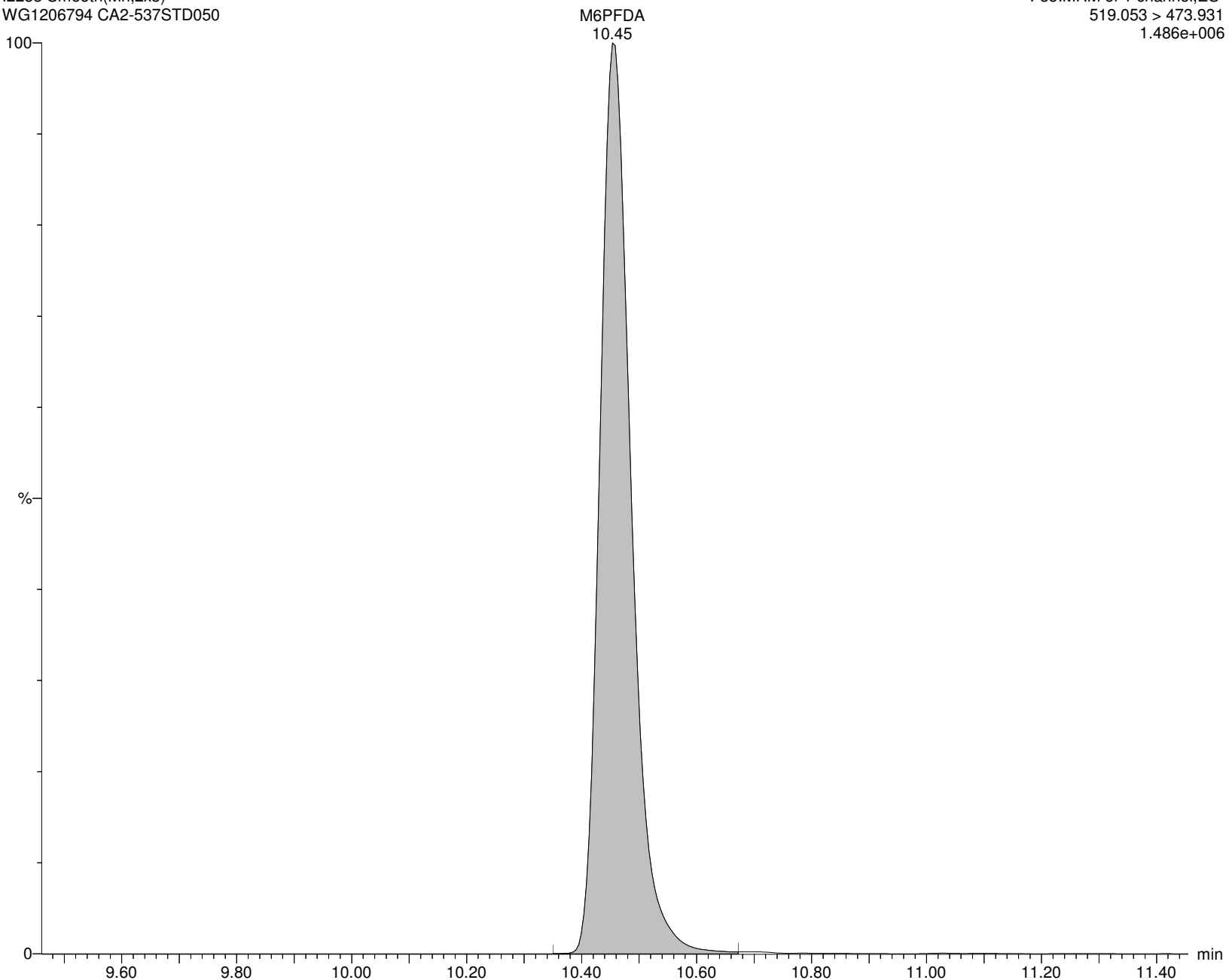
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F35:MRM of 1 channel,ES-

519.053 > 473.931

1.486e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

8:2FTS

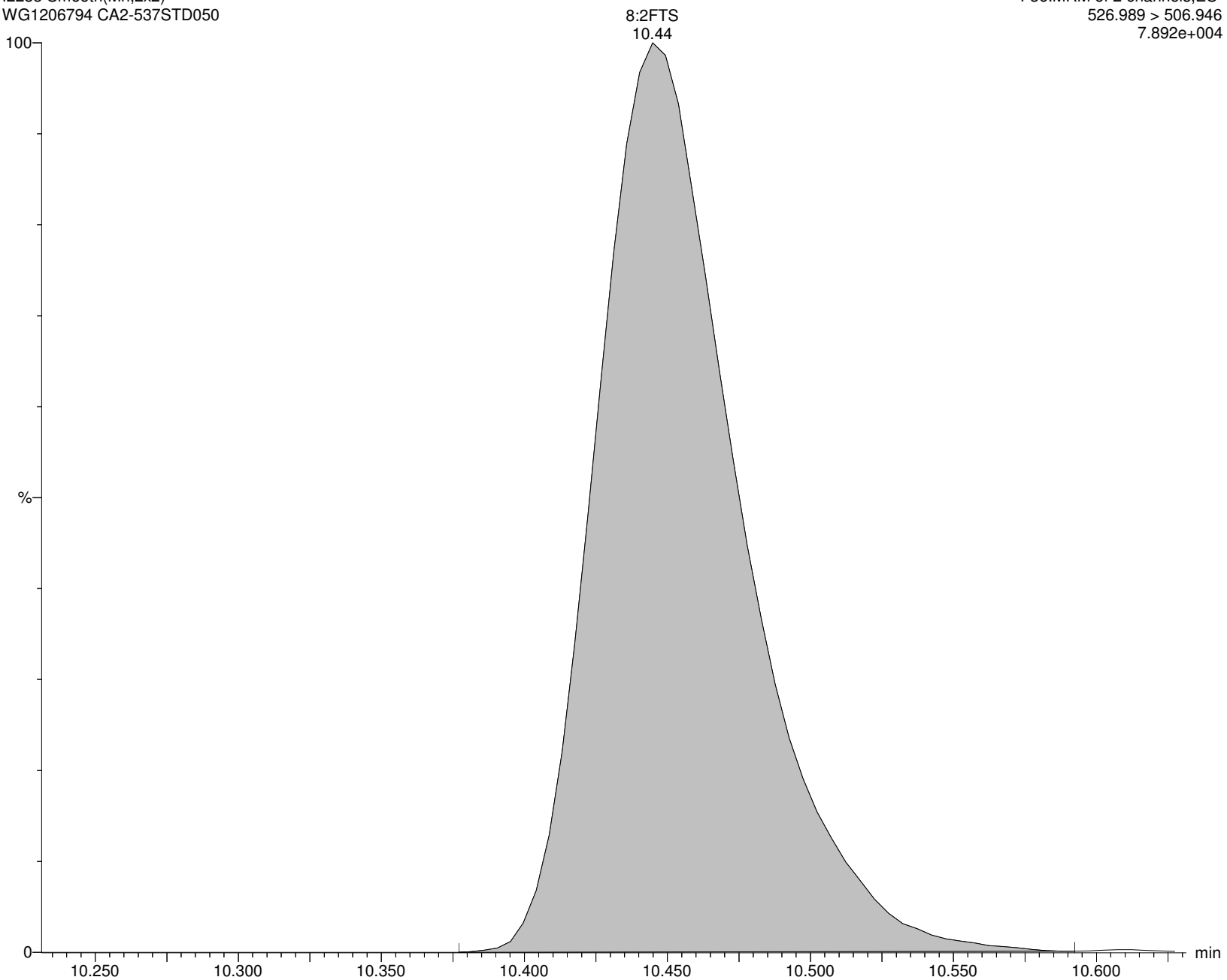
I2283 Smooth(Mn,2x2)

WG1206794 CA2-537STD050

F36:MRM of 2 channels,ES-

526.989 > 506.946

7.892e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-8:2FTS

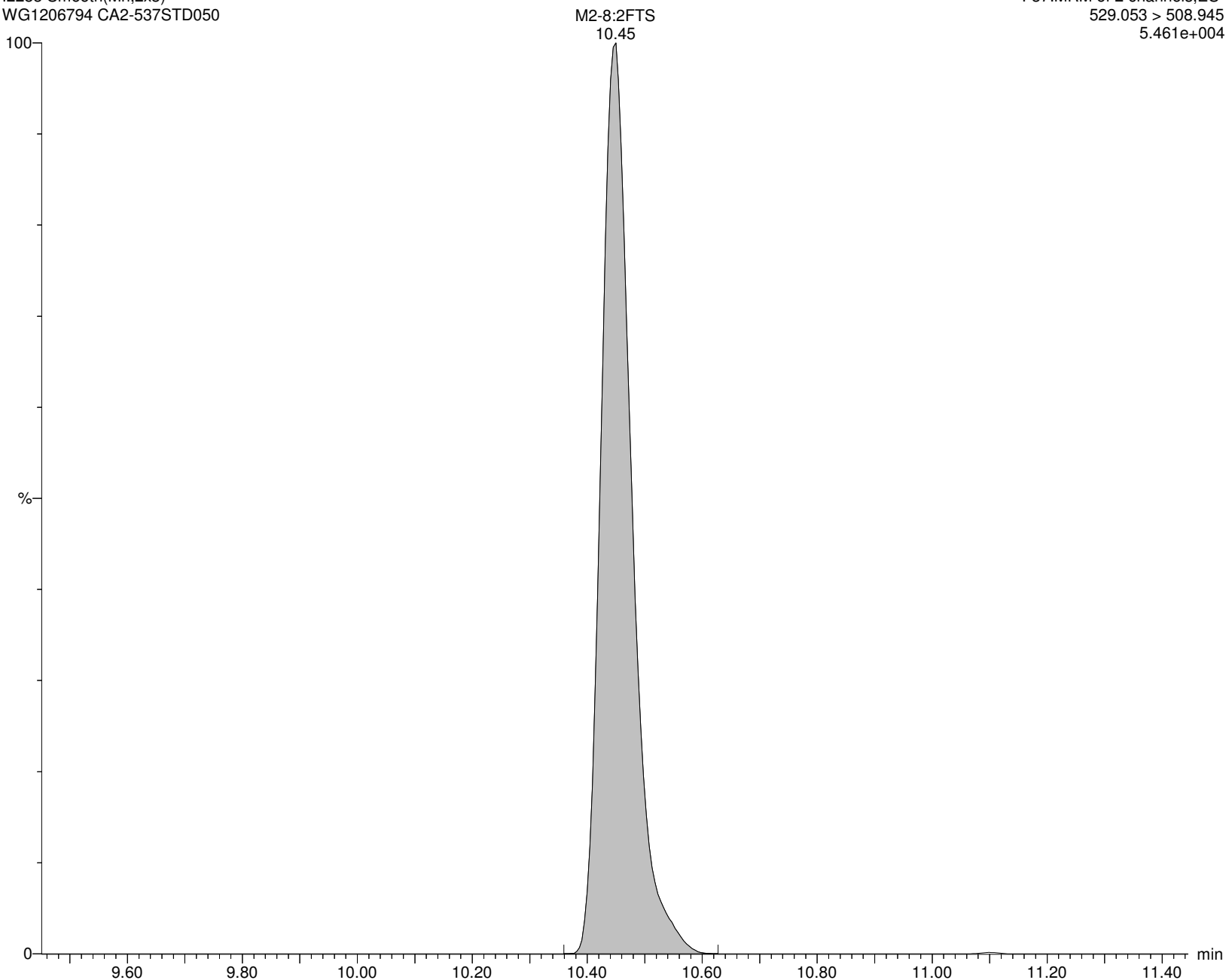
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F37:MRM of 2 channels,ES-

529.053 > 508.945

5.461e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNS

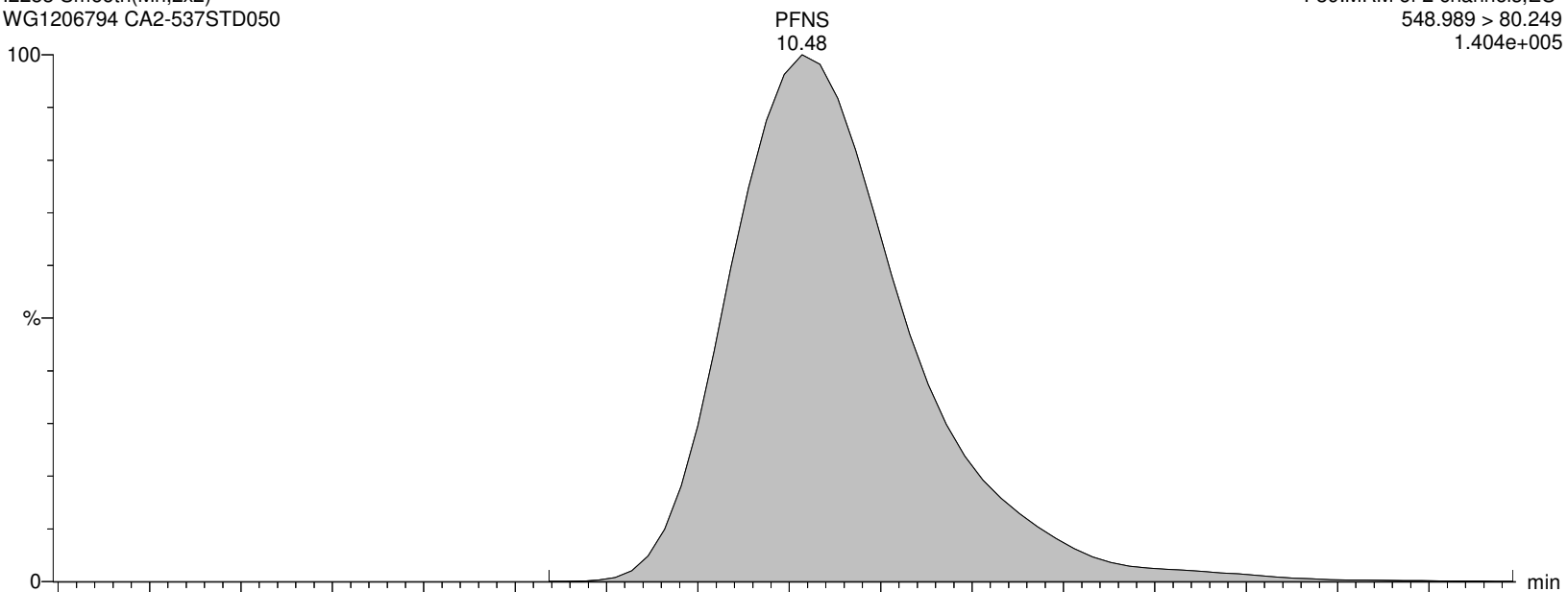
I2283 Smooth(Mn,2x2)

WG1206794 CA2-537STD050

F39:MRM of 2 channels,ES-

548.989 > 80.249

1.404e+005



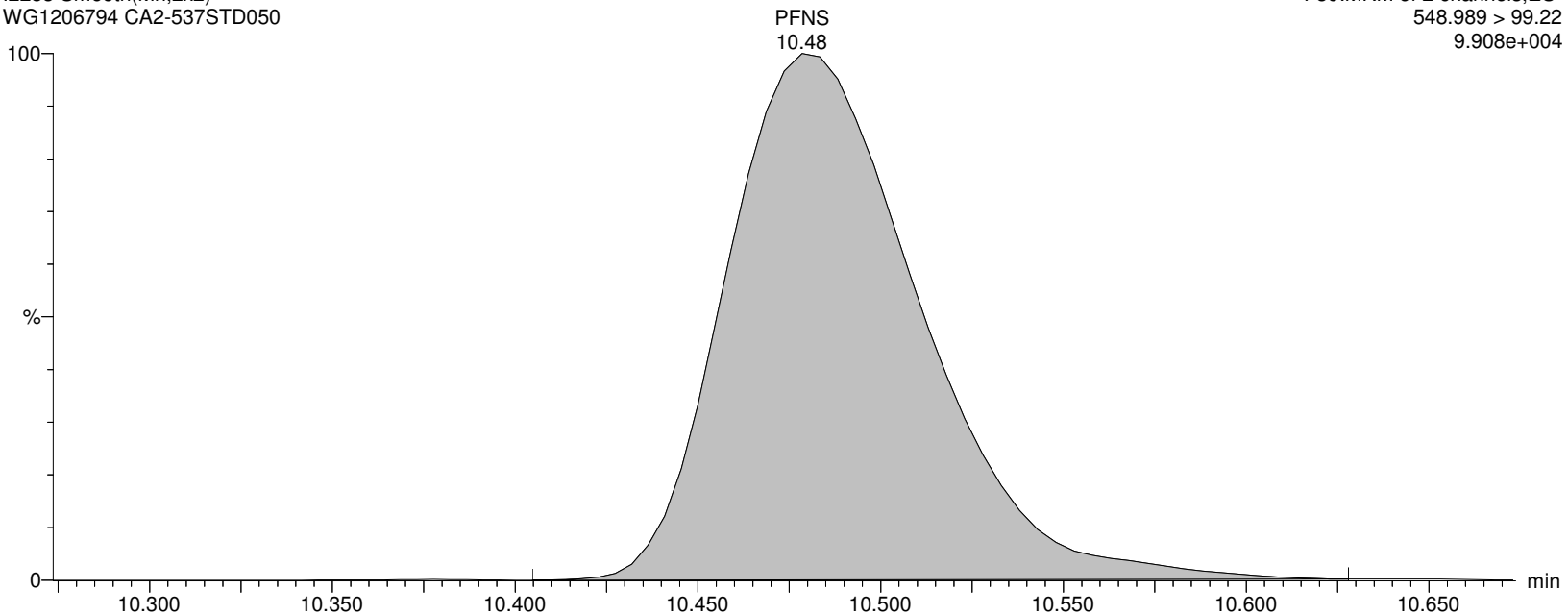
I2283 Smooth(Mn,2x2)

WG1206794 CA2-537STD050

F39:MRM of 2 channels,ES-

548.989 > 99.22

9.908e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d3-NMeFOSAA

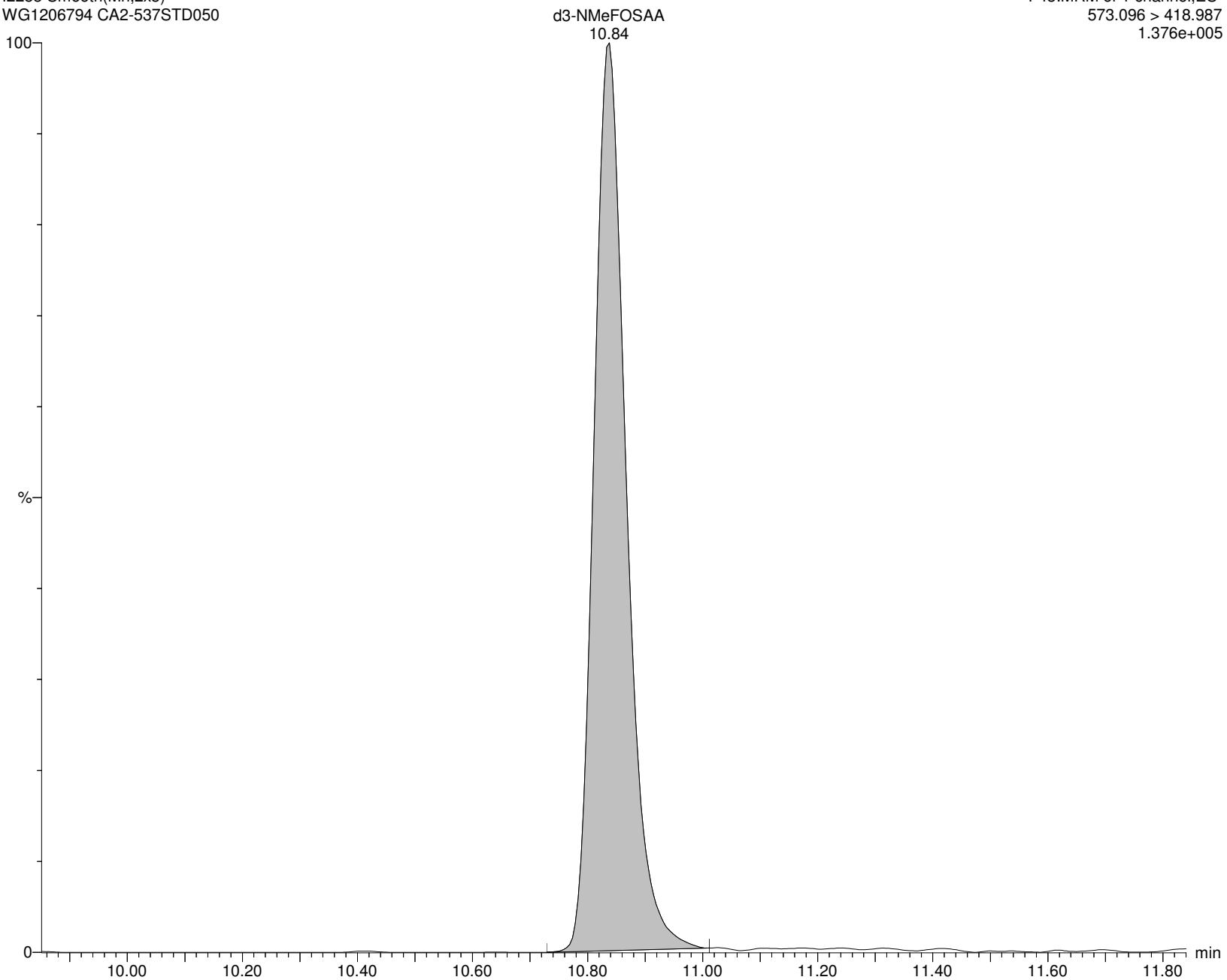
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F43:MRM of 1 channel,ES-

573.096 > 418.987

1.376e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NMeFOSAA

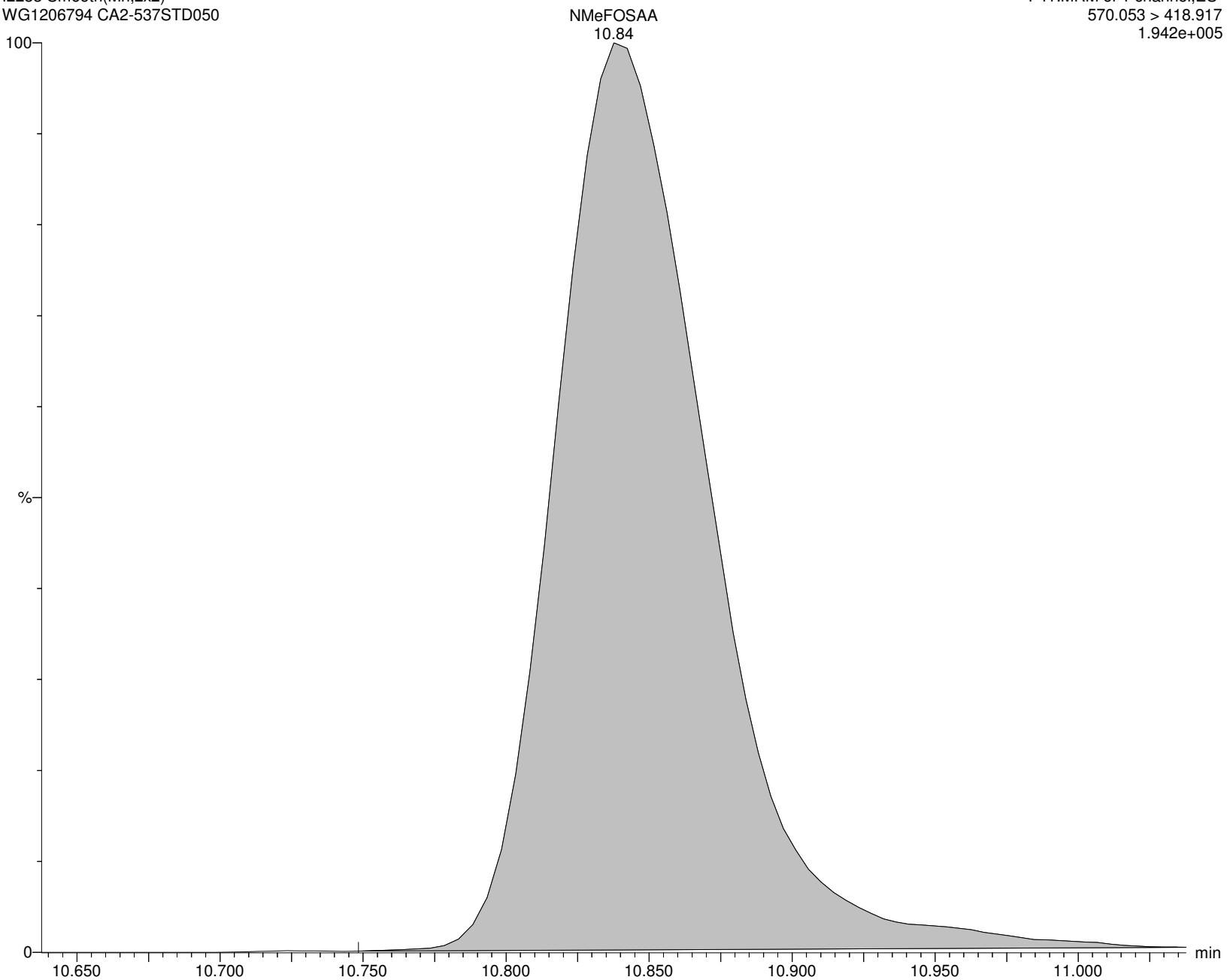
I2283 Smooth(Mn,2x2)

WG1206794 CA2-537STD050

F41:MRM of 1 channel,ES-

570.053 > 418.917

1.942e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFUnA

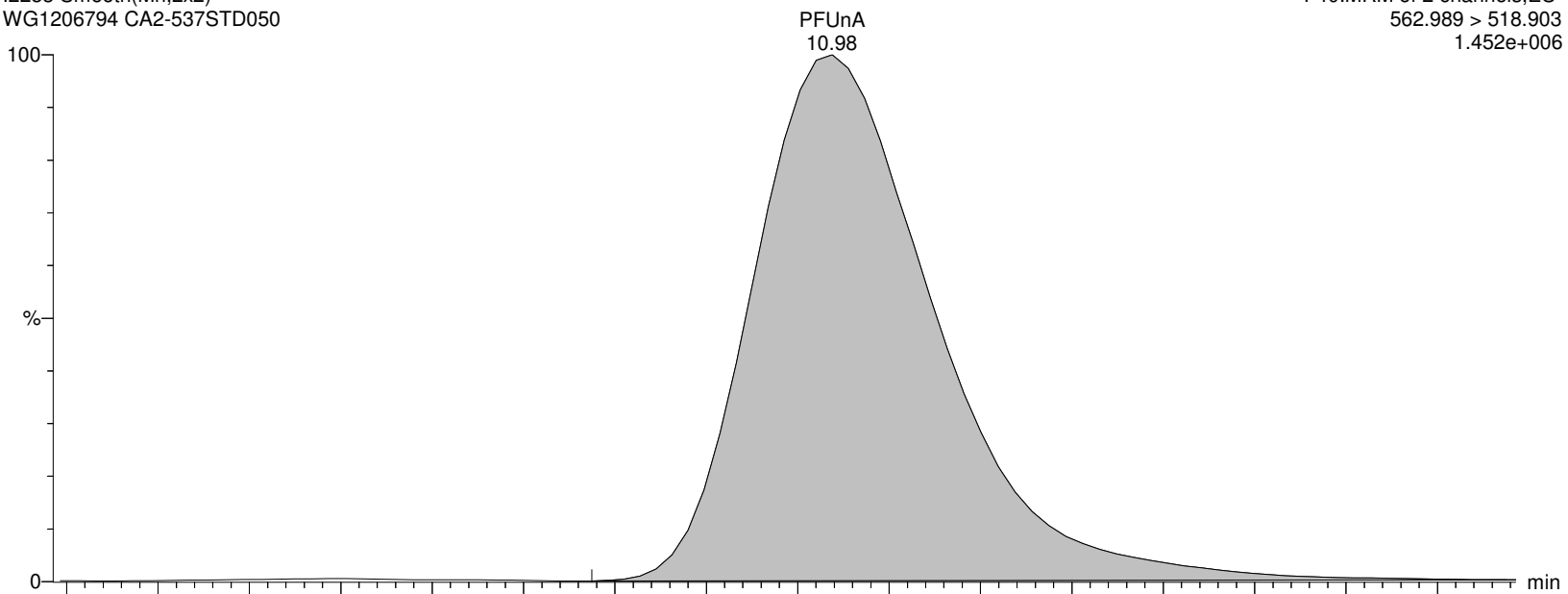
I2283 Smooth(Mn,2x2)

WG1206794 CA2-537STD050

F40:MRM of 2 channels,ES-

562.989 > 518.903

1.452e+006



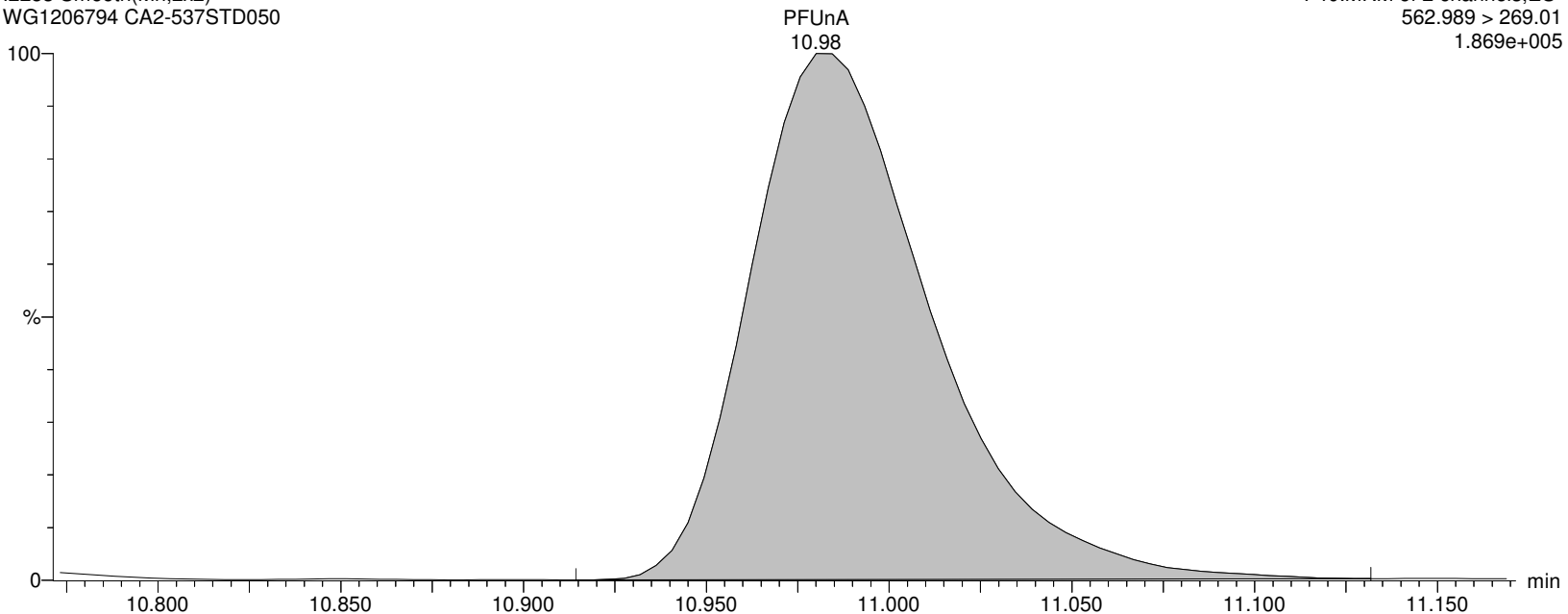
I2283 Smooth(Mn,2x2)

WG1206794 CA2-537STD050

F40:MRM of 2 channels,ES-

562.989 > 269.01

1.869e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M7-PFUDA

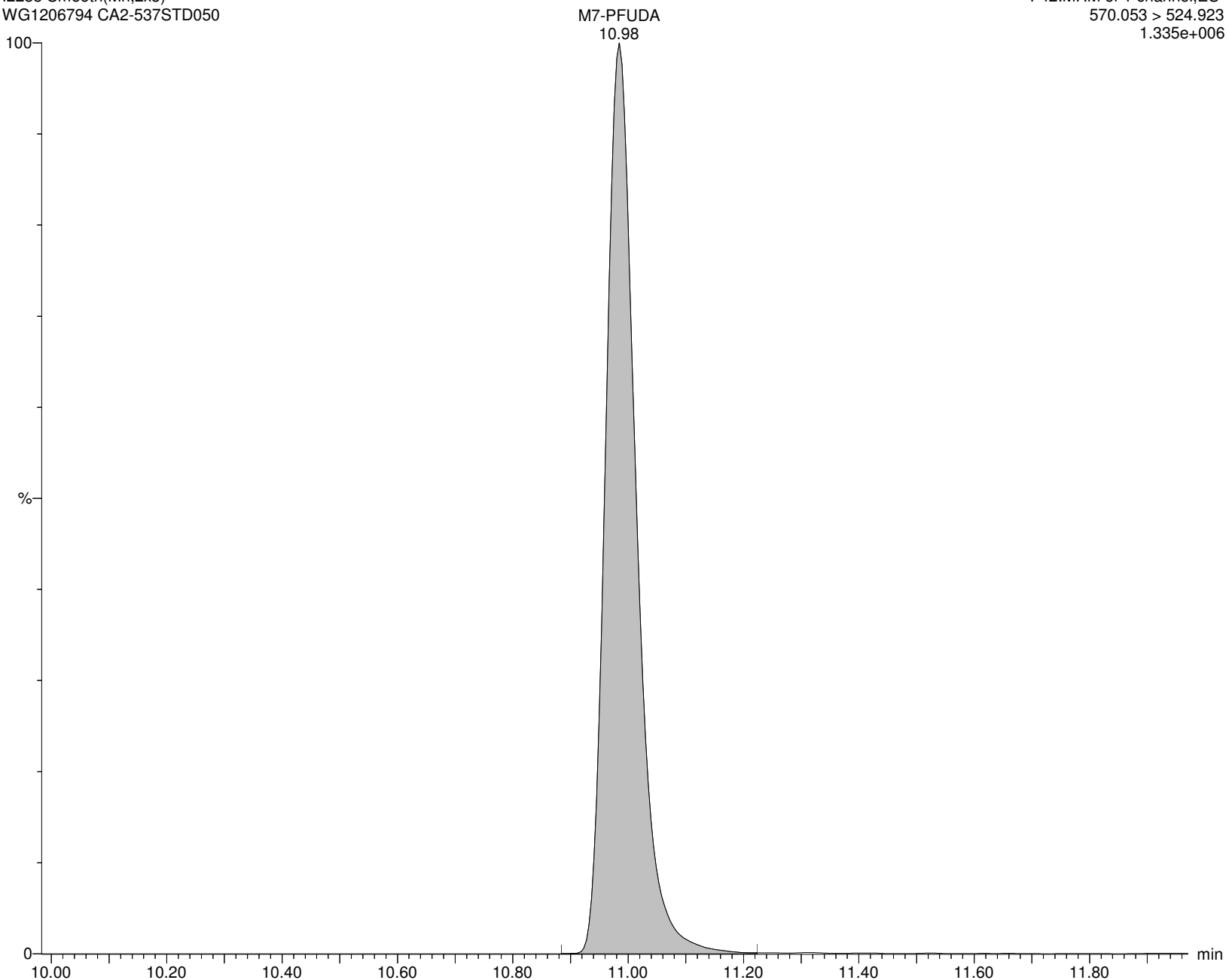
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F42:MRM of 1 channel,ES-

570.053 > 524.923

1.335e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDS

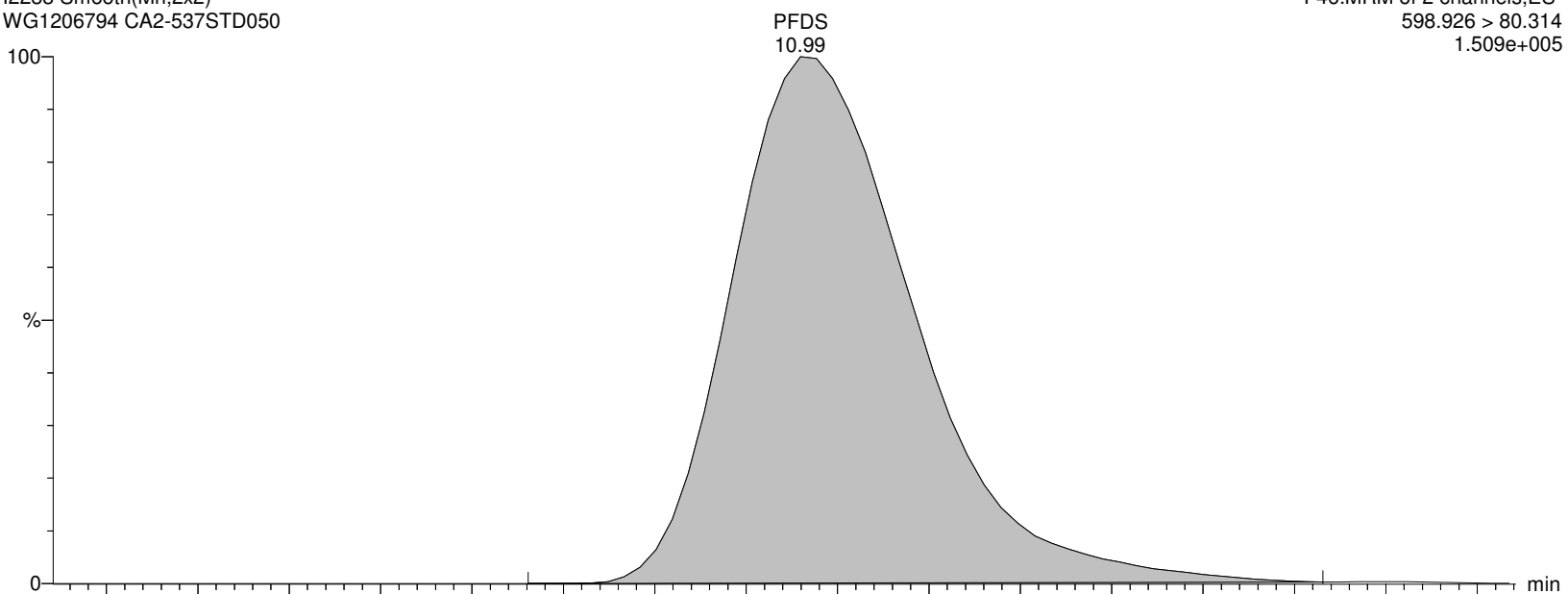
I2283 Smooth(Mn,2x2)

WG1206794 CA2-537STD050

F46:MRM of 2 channels,ES-

598.926 > 80.314

1.509e+005



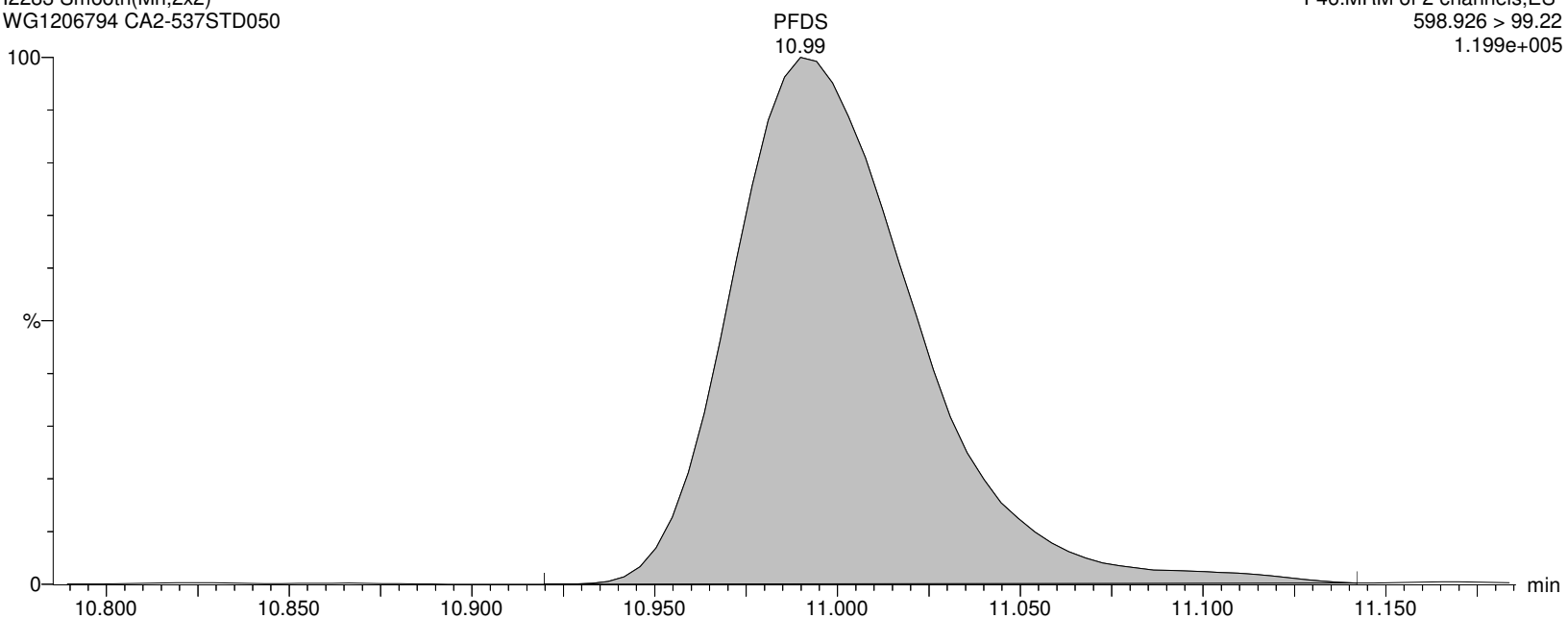
I2283 Smooth(Mn,2x2)

WG1206794 CA2-537STD050

F46:MRM of 2 channels,ES-

598.926 > 99.22

1.199e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

FOSA

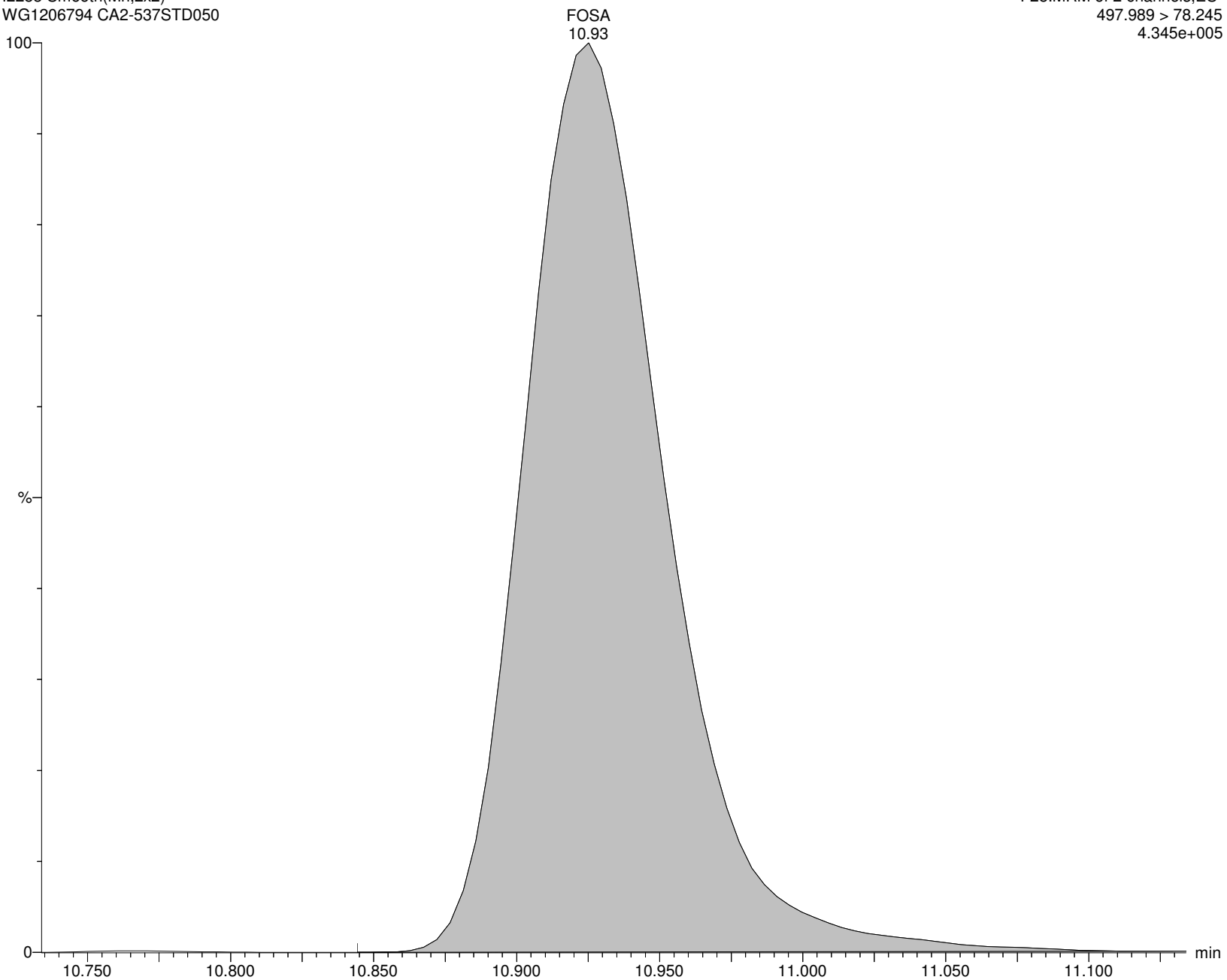
I2283 Smooth(Mn,2x2)

WG1206794 CA2-537STD050

F28:MRM of 2 channels,ES-

497.989 > 78.245

4.345e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8FOSA

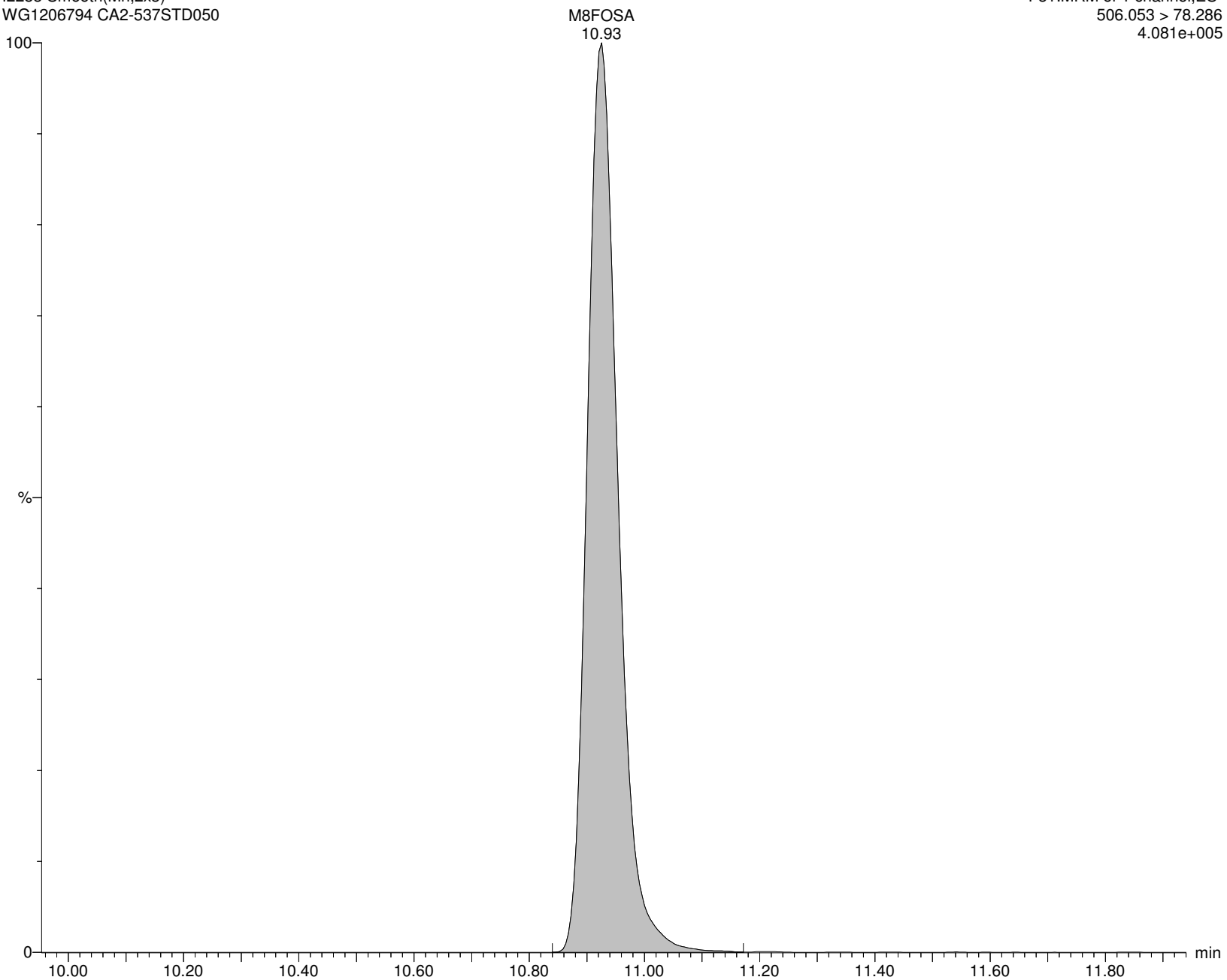
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F31:MRM of 1 channel,ES-

506.053 > 78.286

4.081e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d5-NEtFOSAA

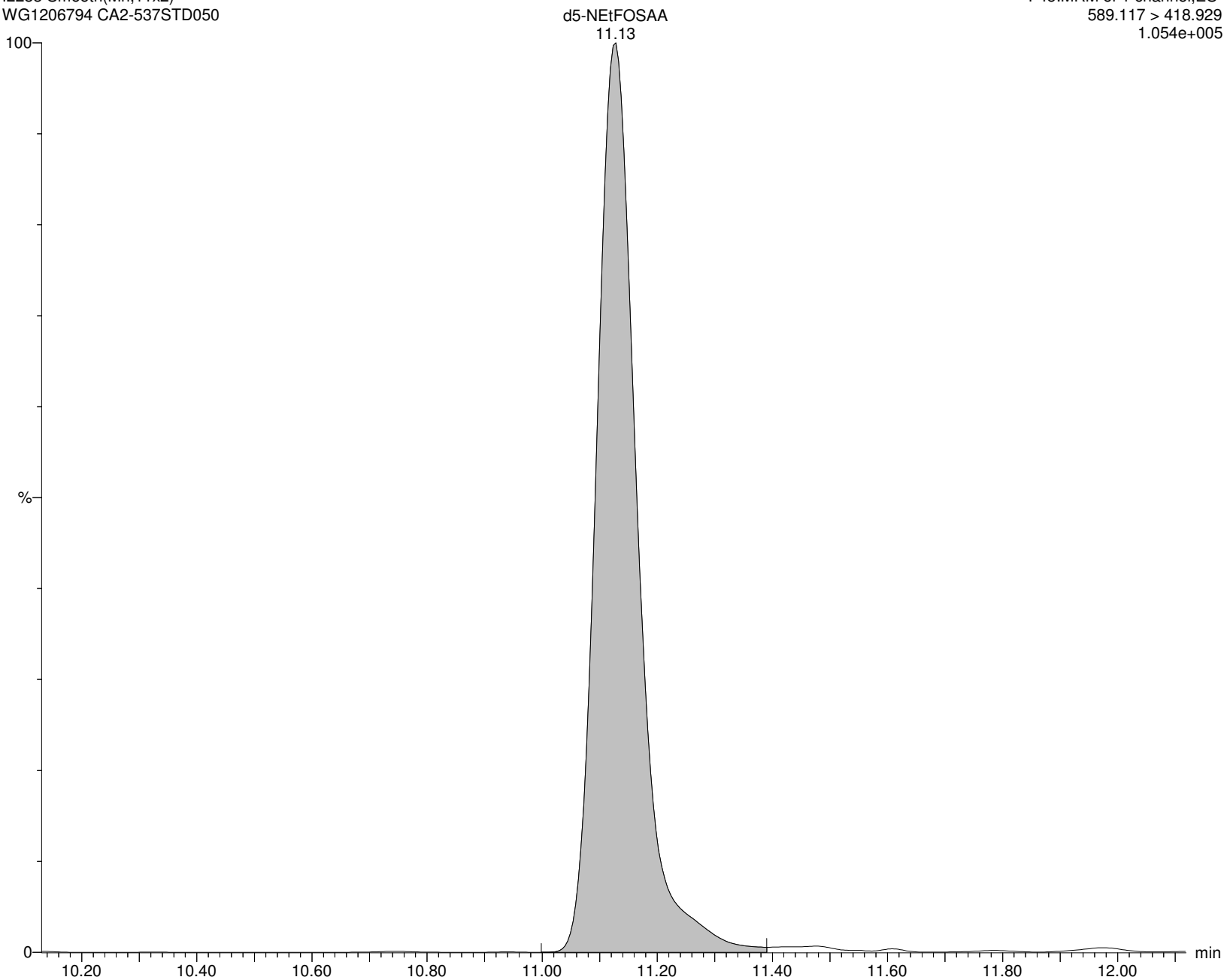
I2283 Smooth(Mn,11x2)

WG1206794 CA2-537STD050

F45:MRM of 1 channel,ES-

589.117 > 418.929

1.054e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NEtFOSAA

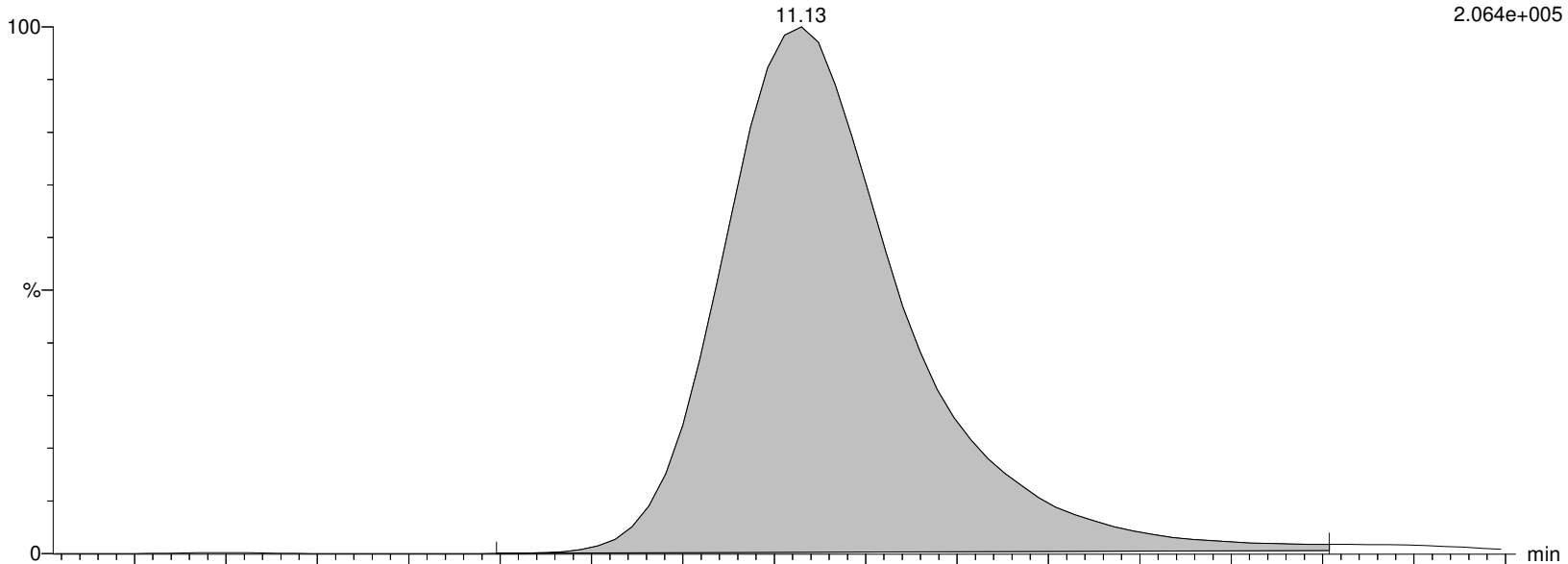
I2283 Smooth(Mn,2x2)

WG1206794 CA2-537STD050

F44:MRM of 2 channels,ES-

583.989 > 418.927

2.064e+005



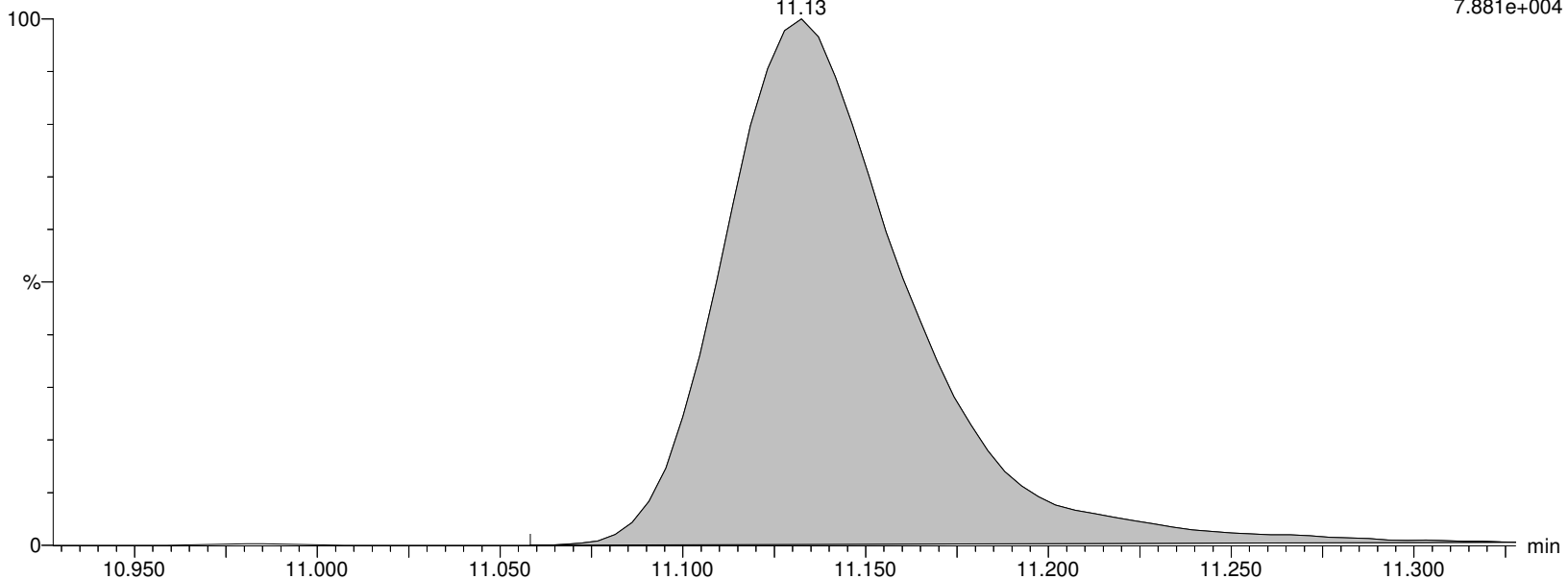
I2283 Smooth(Mn,2x2)

WG1206794 CA2-537STD050

F44:MRM of 2 channels,ES-

583.989 > 482.88

7.881e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDoA

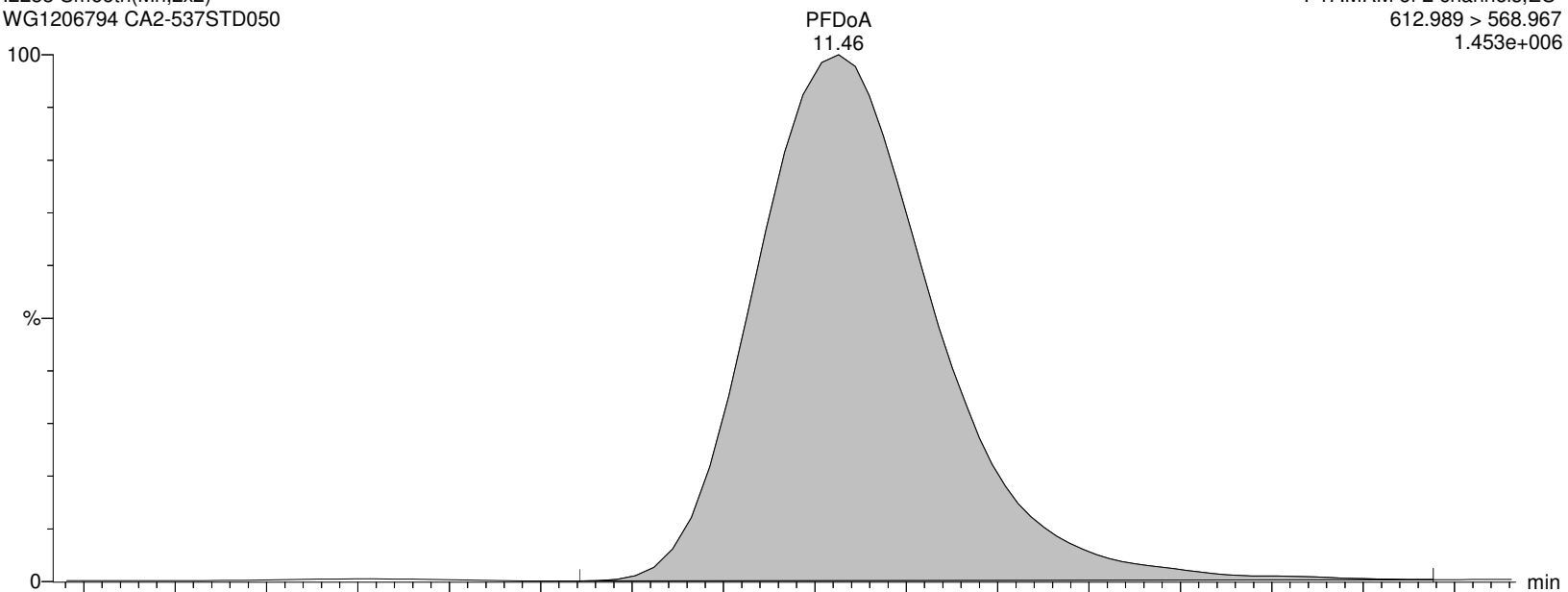
I2283 Smooth(Mn,2x2)

WG1206794 CA2-537STD050

F47:MRM of 2 channels,ES-

612.989 > 568.967

1.453e+006



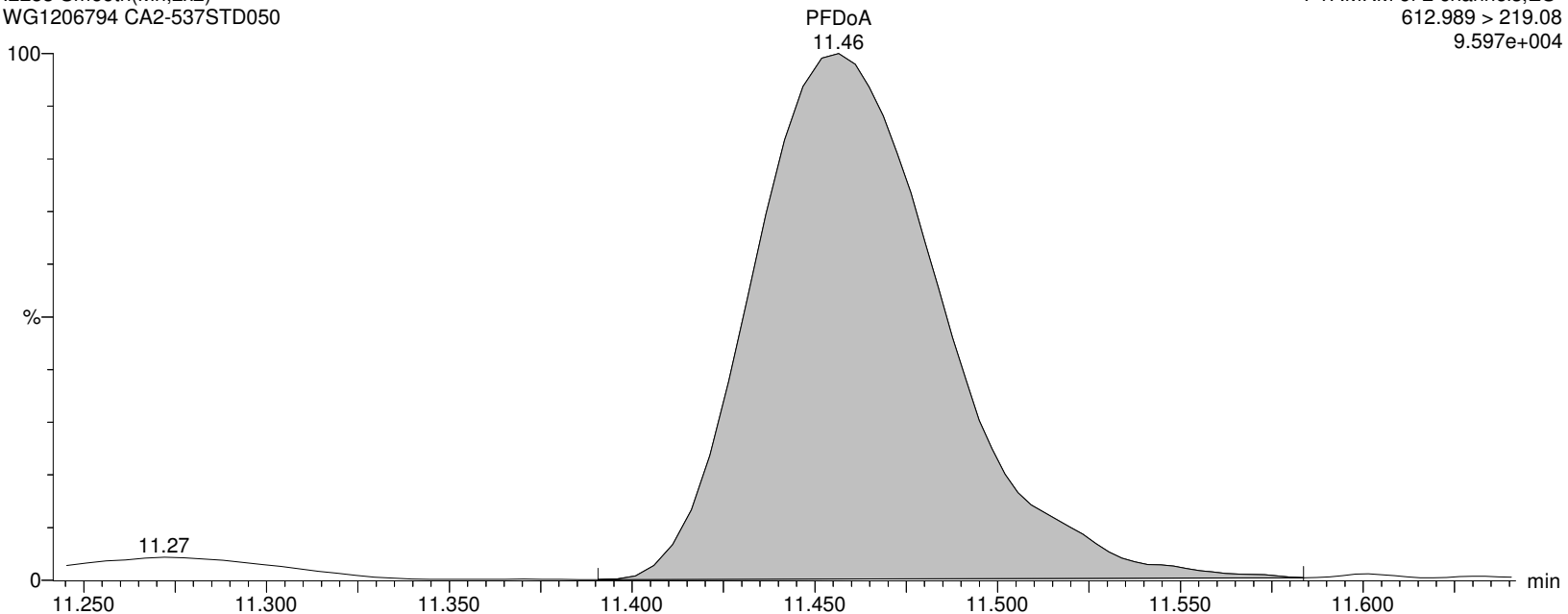
I2283 Smooth(Mn,2x2)

WG1206794 CA2-537STD050

F47:MRM of 2 channels,ES-

612.989 > 219.08

9.597e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFDOA

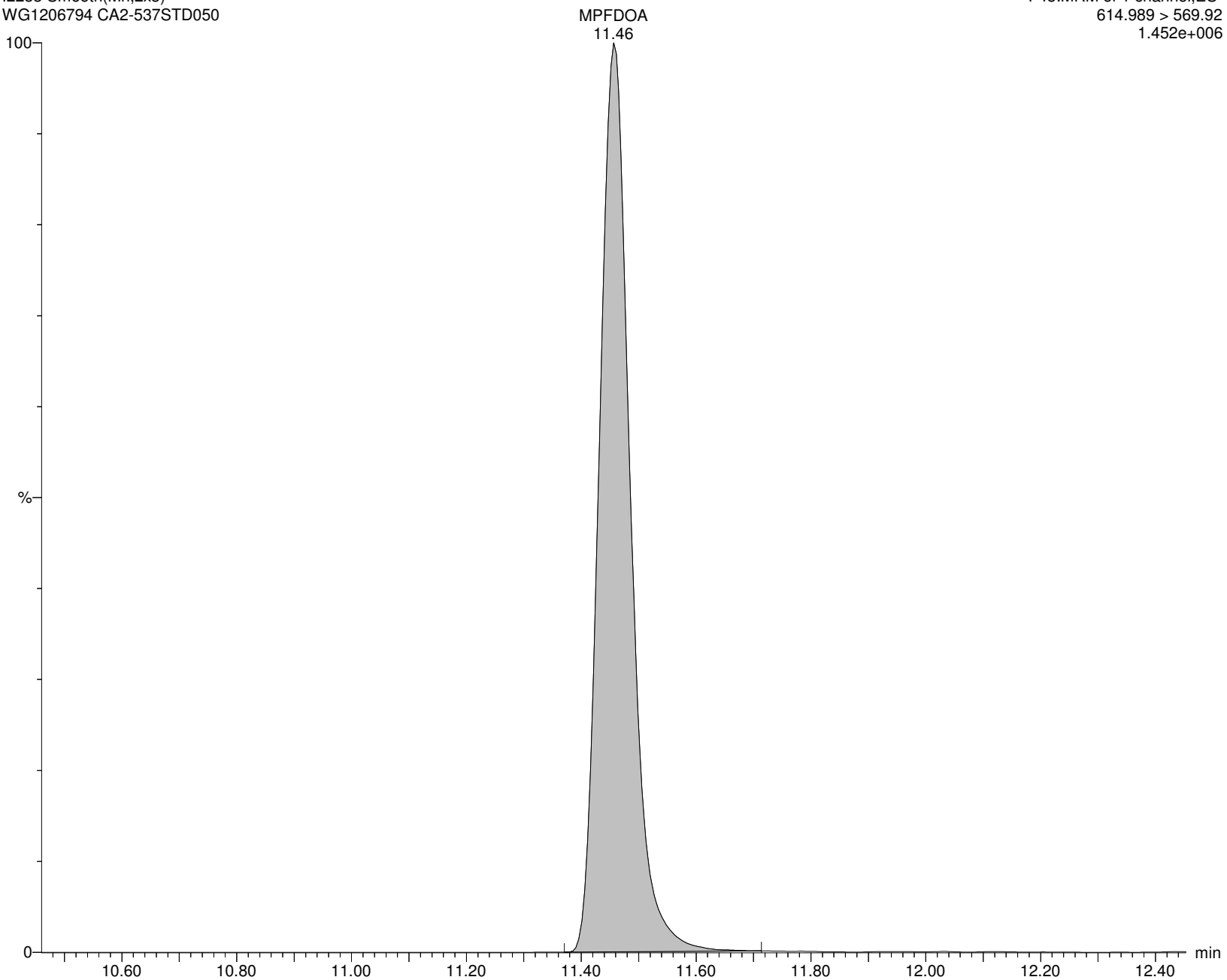
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F48:MRM of 1 channel,ES-

614.989 > 569.92

1.452e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTTrDA

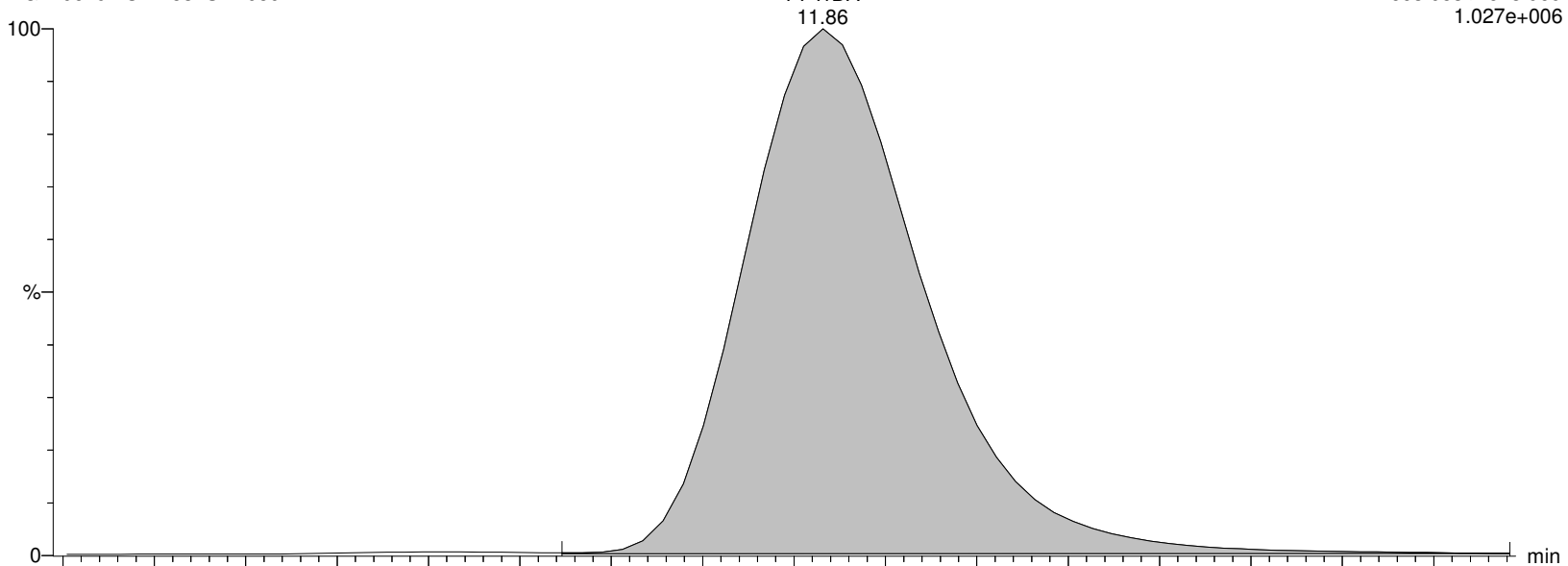
I2283 Smooth(Mn,2x2)

WG1206794 CA2-537STD050

F51:MRM of 2 channels,ES-

663.053 > 618.969

1.027e+006



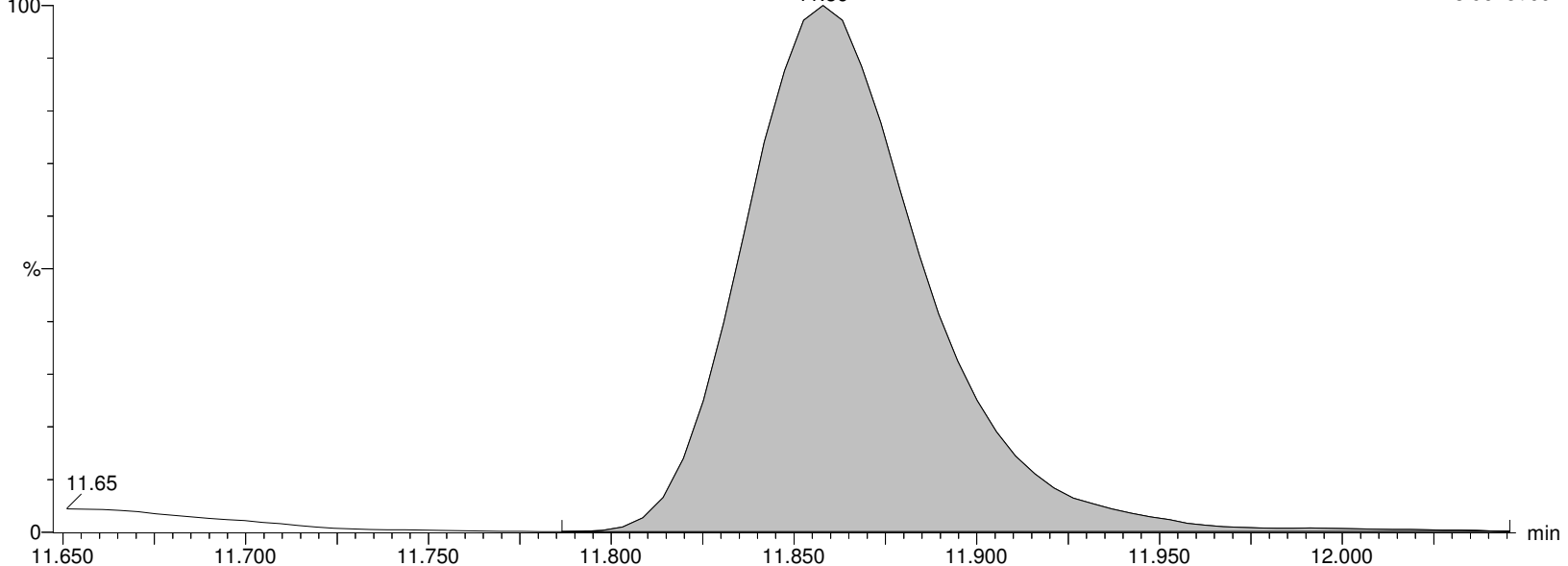
I2283 Smooth(Mn,2x2)

WG1206794 CA2-537STD050

F51:MRM of 2 channels,ES-

663.053 > 319.02

8.962e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTA

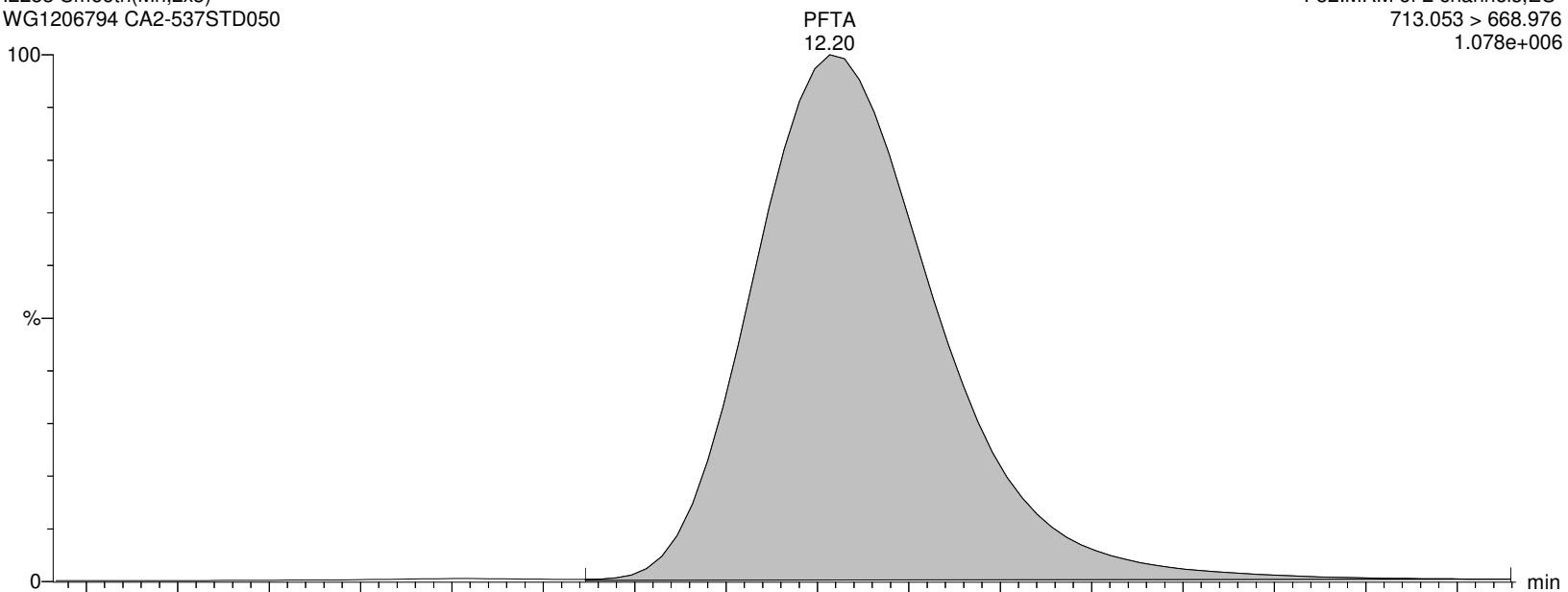
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F52:MRM of 2 channels,ES-

713.053 > 668.976

1.078e+006



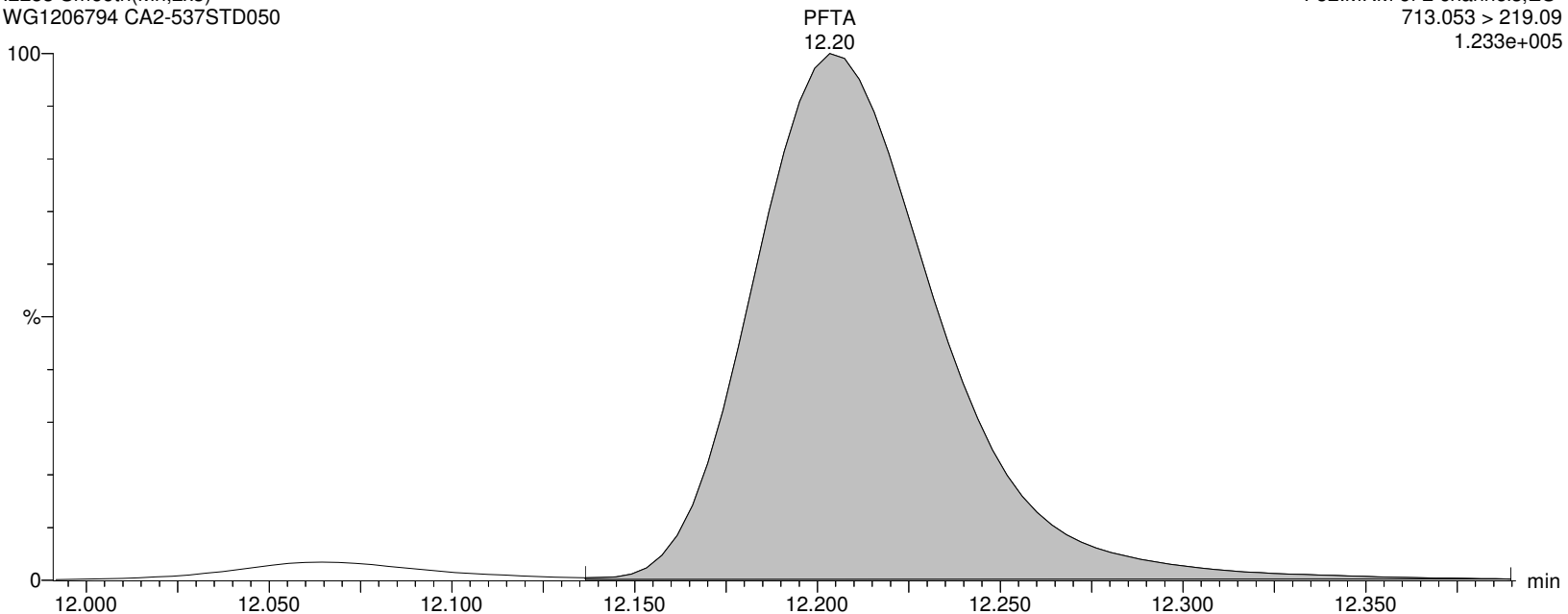
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F52:MRM of 2 channels,ES-

713.053 > 219.09

1.233e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFTEDA

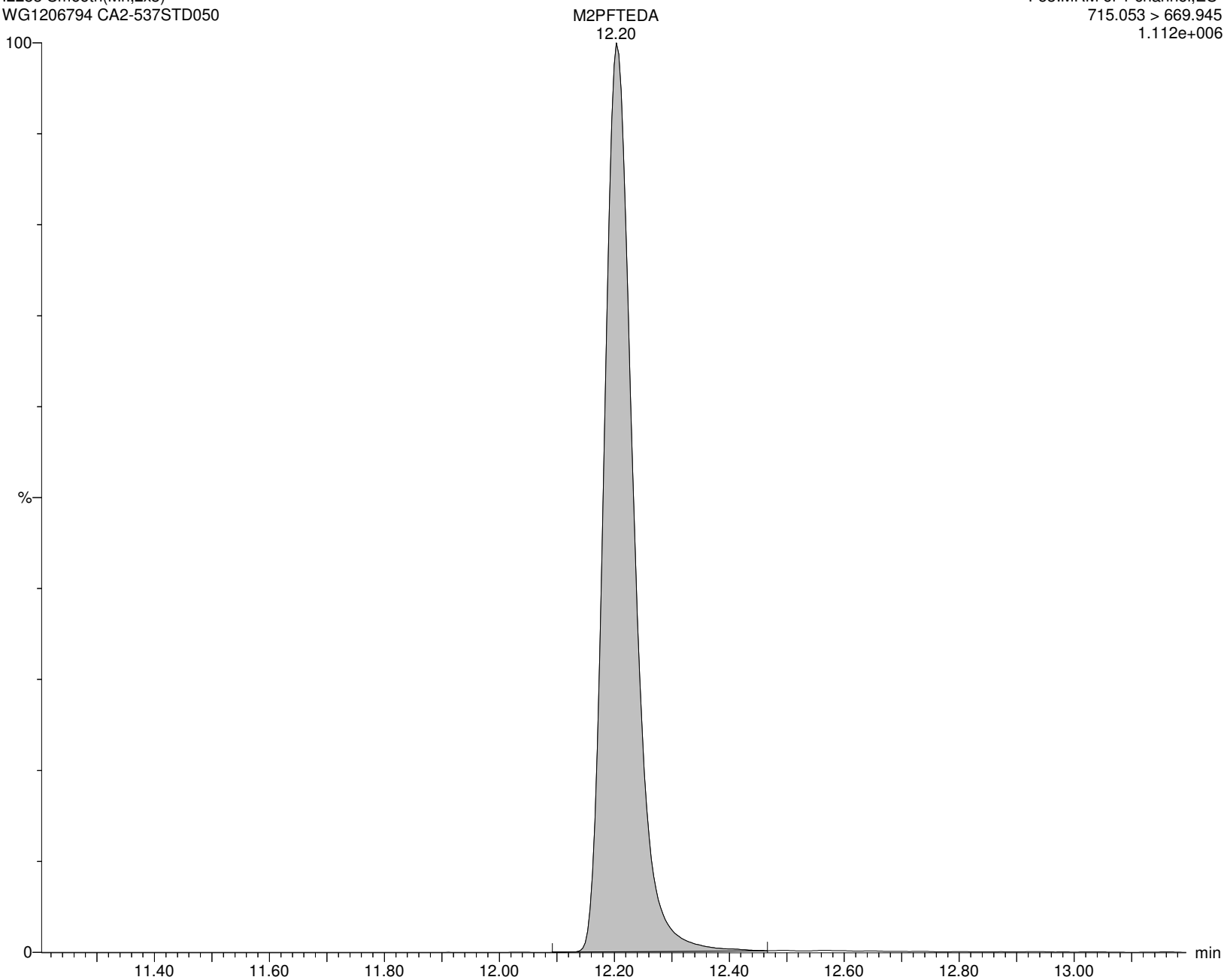
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F53:MRM of 1 channel,ES-

715.053 > 669.945

1.112e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3HFPO-DA

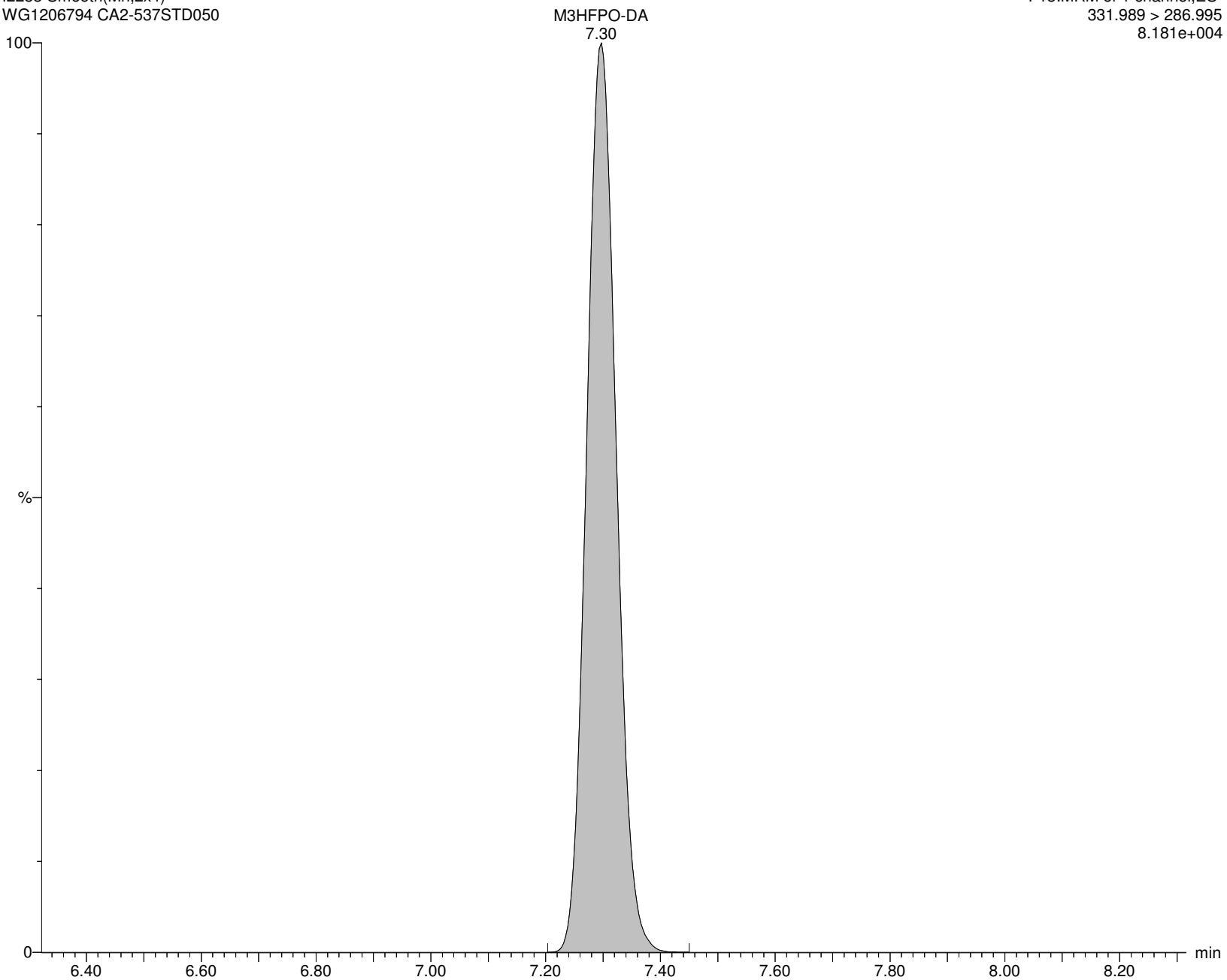
I2283 Smooth(Mn,2x4)

WG1206794 CA2-537STD050

F13:MRM of 1 channel,ES-

331.989 > 286.995

8.181e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

HFPO-DA

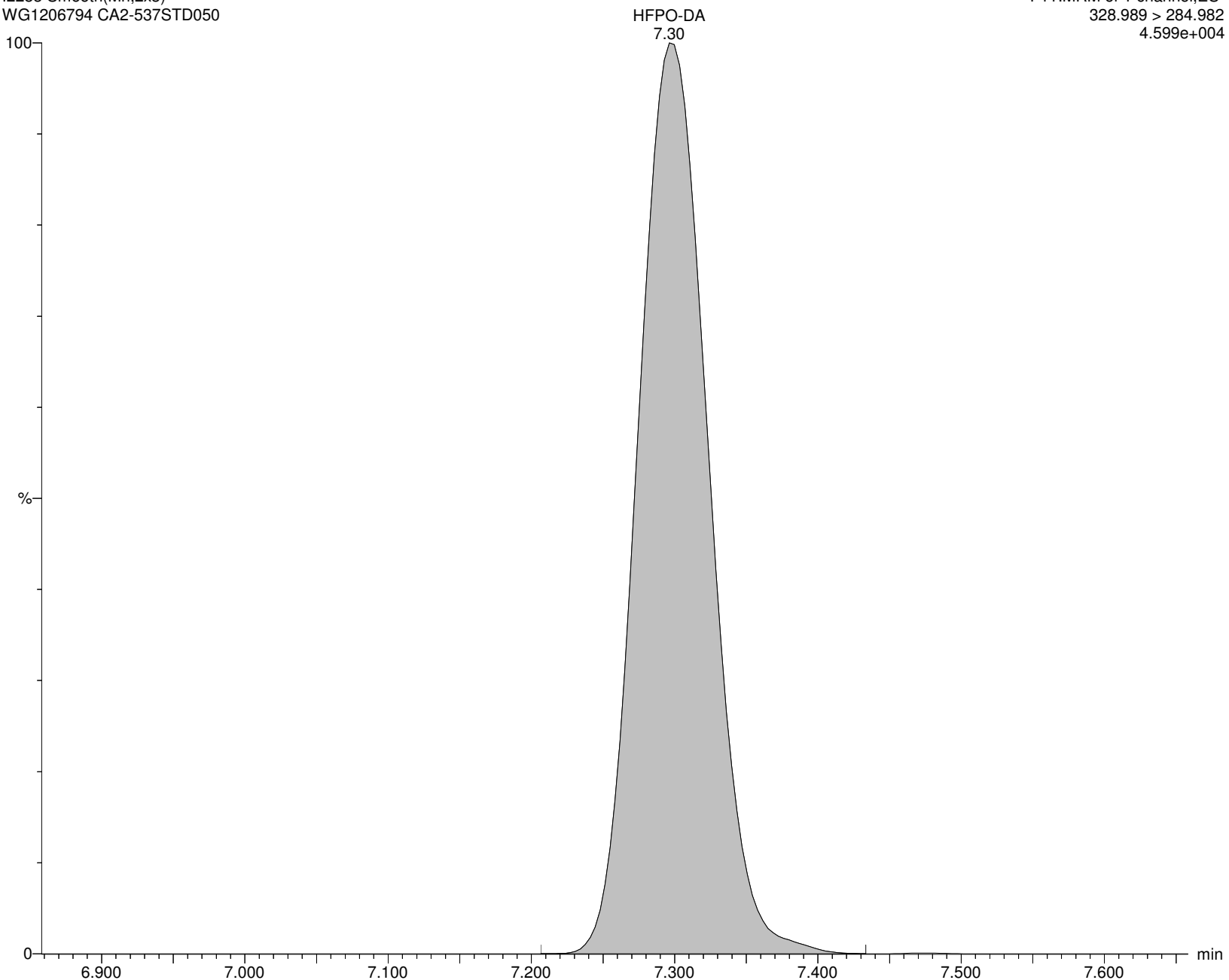
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F11:MRM of 1 channel,ES-

328.989 > 284.982

4.599e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

ADONA

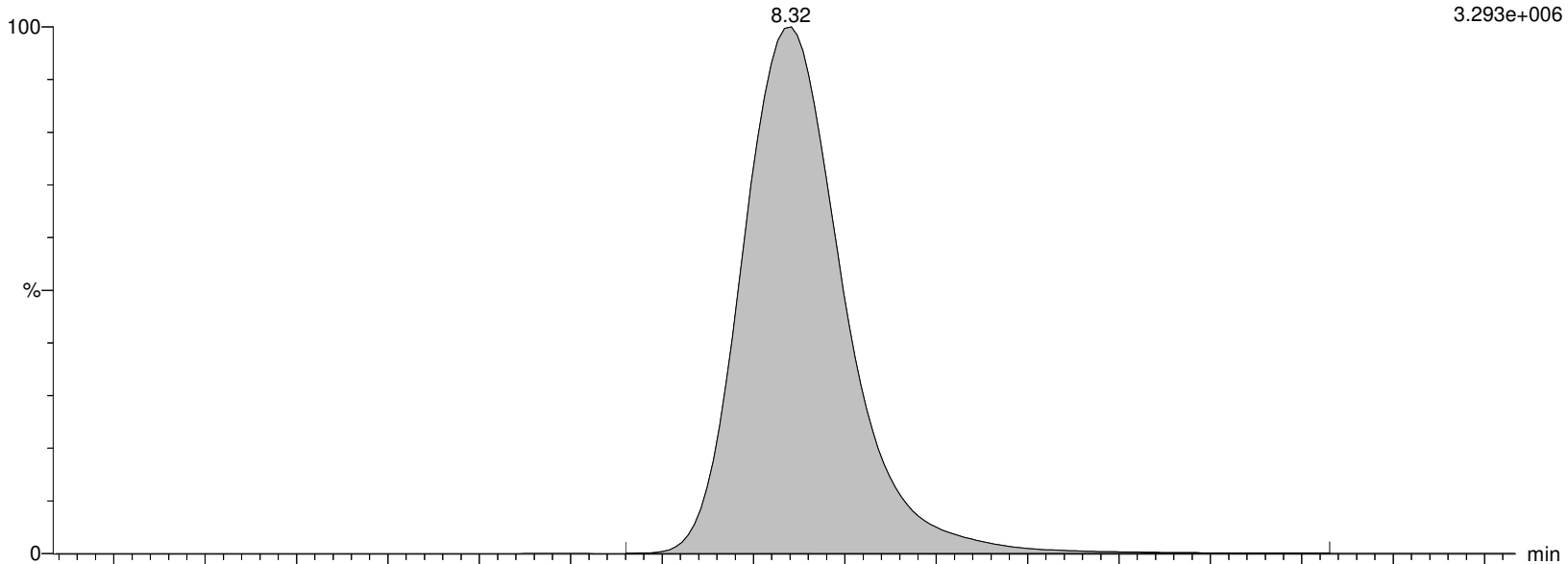
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F17:MRM of 2 channels,ES-

376.926 > 251.005

3.293e+006



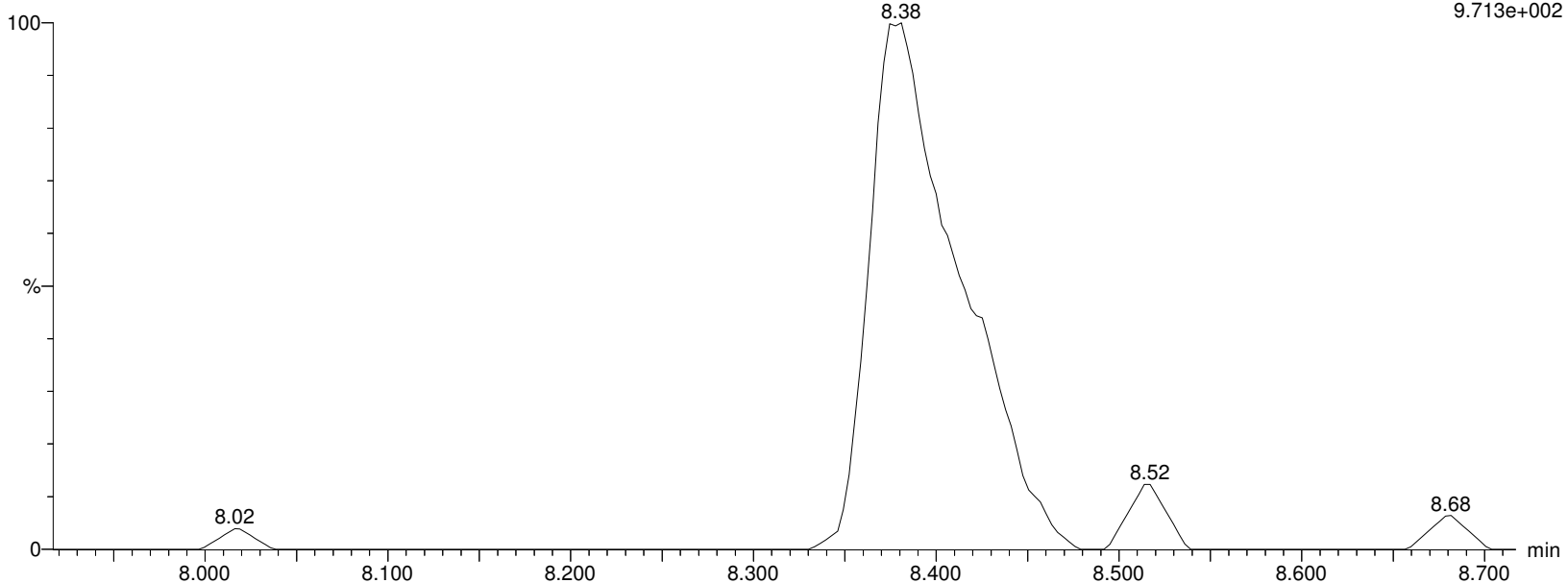
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F17:MRM of 2 channels,ES-

376.926 > 135.12

9.713e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxDA

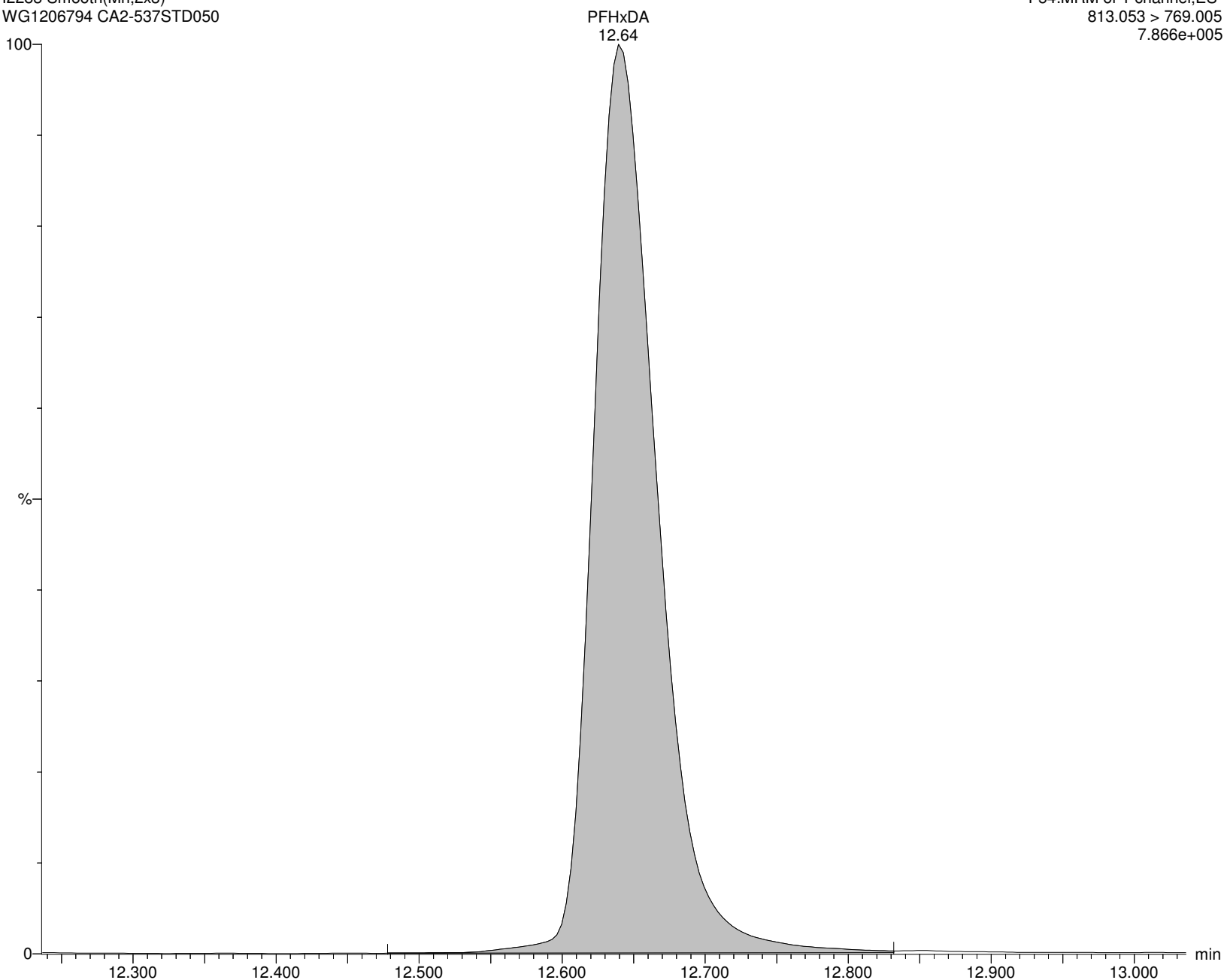
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F54:MRM of 1 channel,ES-

813.053 > 769.005

7.866e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFODA

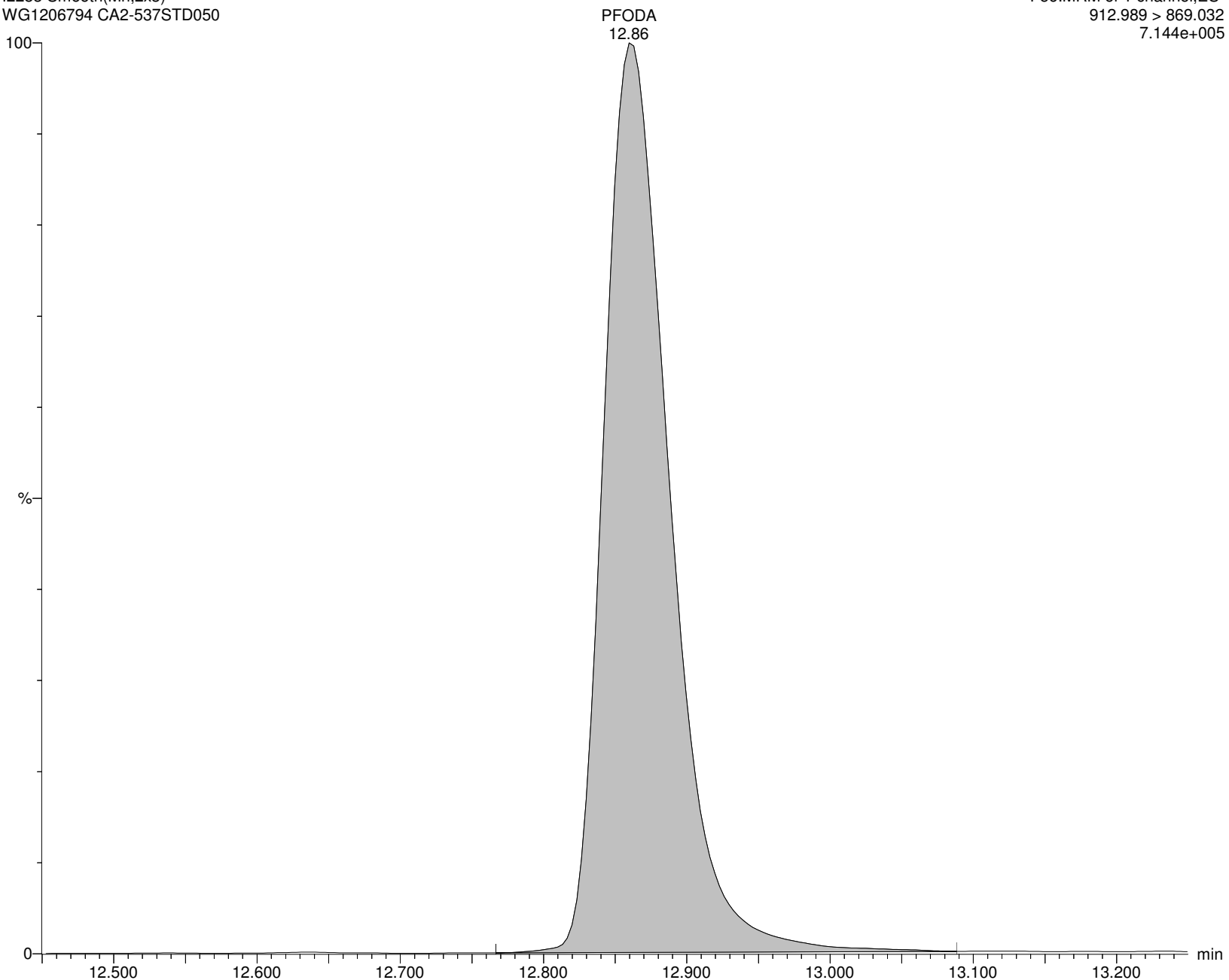
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F56:MRM of 1 channel,ES-

912.989 > 869.032

7.144e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190214_537ISO.PRO\Data\WG12006794_ICV.qld

Last Altered: Friday, February 15, 2019 08:58:14 Eastern Standard Time

Printed: Friday, February 15, 2019 08:59:23 Eastern Standard Time

Name: I2283

ID: CA2-537STD050

Date: 15-Feb-2019

Time: 08:35:14

Description: WG1206794

User: LCMS02:PB

Vial: 2:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190214_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFHxDA

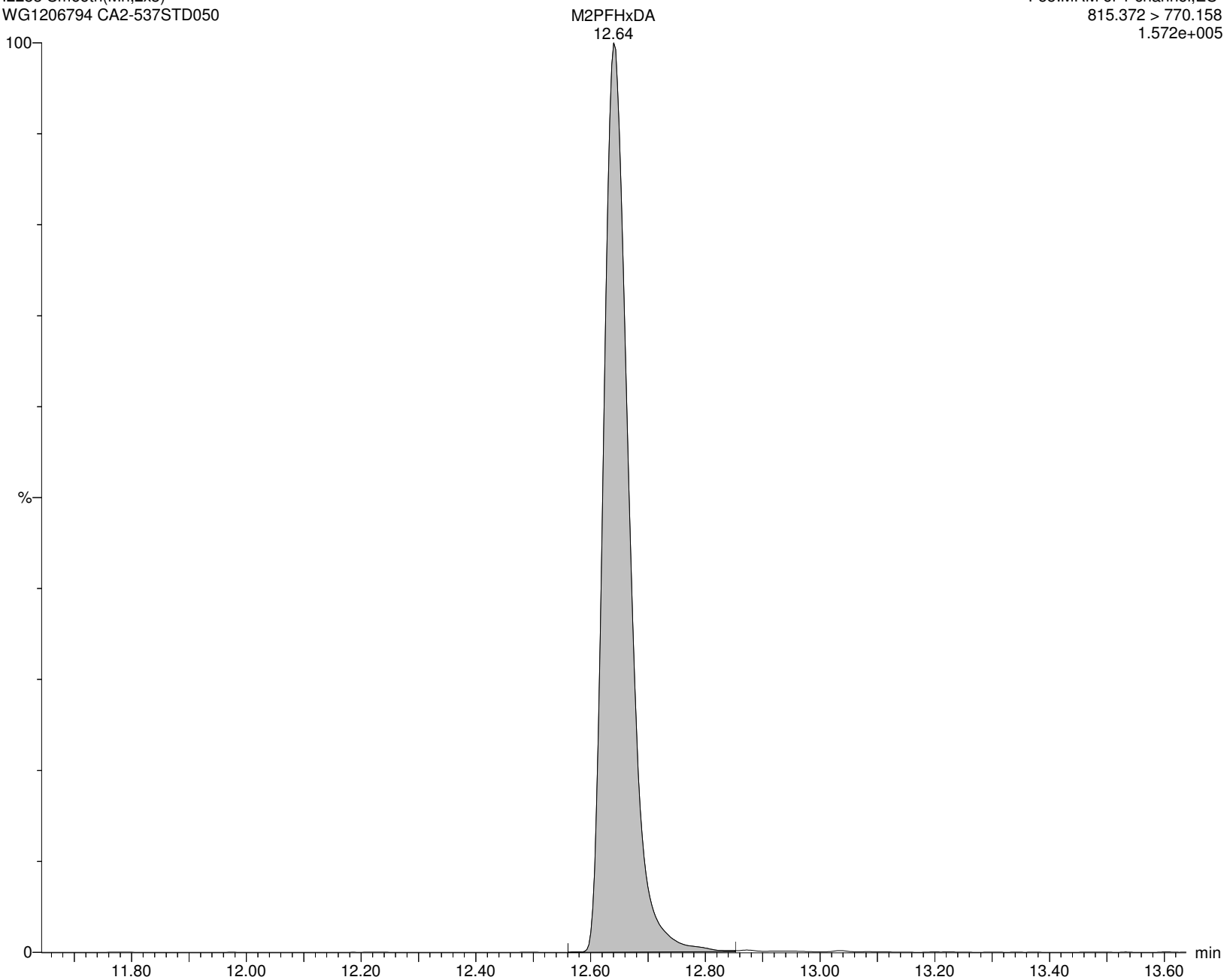
I2283 Smooth(Mn,2x3)

WG1206794 CA2-537STD050

F55:MRM of 1 channel,ES-

815.372 > 770.158

1.572e+005



Continuing Calibration

Calibration Verification Summary

Form 7

Semivolatiles

Client : LaBella Associates, P.C.
 Project Name : ELDRE CORP.-EMERGING CONTAM
 Instrument ID : LCMS02
 Lab File ID : I3773
 Sample No : WG1225360-1
 Channel :

Lab Number : L1913816
 Project Number : 212721.01
 Calibration Date : 04/11/19 09:41
 Init. Calib. Date(s) : 02/14/19 02/14/19
 Init. Calib. Times : 15:17 17:29

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluorobutanoic Acid (PFBA)	0.455	0.500	91	50-150
Perfluoropentanoic Acid (PFPeA)	0.449	0.500	89.8	50-150
Perfluorobutanesulfonic Acid (PFBS)	0.382	0.440	86.4	50-150
Perfluorohexanoic Acid (PFHxA)	0.432	0.500	86.4	50-150
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	0.388	0.470	83.1	50-150
Perfluoropentanesulfonic Acid (PFPeS)	0.446	0.470	95	50-150
Perfluoroheptanoic Acid (PFHpA)	0.433	0.500	86.7	50-150
Perfluorohexanesulfonic Acid-Branched (br-PFHxS)	0.042	0.090	49.1*	50-150
Perfluorohexanesulfonic Acid-Linear (L-PFHxS)	0.315	0.370	85.1	50-150
Perfluorohexanesulfonic Acid (PFHxS)	0.357	0.460	-	50-150
Perfluorooctanoic Acid-Branched (br-PFOA)				
Perfluorooctanoic Acid-Linear (L-PFOA)	0.419	0.500	83.7	50-150
Perfluorooctanoic Acid (PFOA)	0.419	0.500	-	50-150
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.448	0.480	94.3	50-150
Perfluoroheptanesulfonic Acid (PFHpS)	0.319	0.480	67.1	50-150
Perfluorononanoic Acid (PFNA)	0.453	0.500	90.5	50-150
Perfluorooctanesulfonic Acid-Branched (br-PFOS)	0.064	0.100	63.6	50-150
Perfluorooctanesulfonic Acid-Linear (L-PFOS)	0.312	0.370	85.6	50-150
Perfluorooctanesulfonic Acid (PFOS)	0.376	0.460	-	50-150
Perfluorodecanoic Acid (PFDA)	0.415	0.500	83	50-150
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	0.292	0.480	60.8	50-150
Perfluorononanesulfonic Acid (PFNS)	0.367	0.480	76.5	50-150
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.557	0.500	111.3	50-150
Perfluoroundecanoic Acid (PFUnA)	0.430	0.500	86	50-150
Perfluorodecanesulfonic Acid (PFDS)	0.342	0.480	71	50-150
Perfluorooctanesulfonamide (FOSA)	0.362	0.500	72.5	50-150
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.496	0.500	99.3	50-150
Perfluorododecanoic Acid (PFDoA)	0.458	0.500	91.6	50-150
Perfluorotridecanoic Acid (PFTTrDA)	0.441	0.500	88.2	50-150
Perfluorotetradecanoic Acid (PFTA)	0.435	0.500	87	50-150
Perfluoro[13C4]Butanoic Acid (MPFBA)	10.766	10.000	107.7	50-150
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	10.422	10.000	104.2	50-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	10.650	10.000	106.5	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	8.604	10.000	86	50-150
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	11.033	10.000	110.3	50-150
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	10.838	10.000	108.4	50-150
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	10.284	10.000	102.8	50-150
Perfluoro[13C8]Octanoic Acid (M8PFOA)	11.195	10.000	112	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	8.821	10.000	88.2	50-150
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	11.632	10.000	116.3	50-150
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	10.845	10.000	108.5	50-150
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	10.872	10.000	108.7	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	11.582	10.000	115.8	50-150

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : LaBella Associates, P.C.	Lab Number : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM	Project Number : 212721.01
Instrument ID : LCMS02	Calibration Date : 04/11/19 09:41
Lab File ID : I3773	Init. Calib. Date(s) : 02/14/19 02/14/19
Sample No : WG1225360-1	Init. Calib. Times : 15:17 17:29
Channel :	

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	9.065	10.000	90.6	50-150
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	11.840	10.000	118.4	50-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	12.297	10.000	123	50-150
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	9.243	10.000	92.4	50-150
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	10.976	10.000	109.8	50-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	11.710	10.000	117.1	50-150
M4PFOS	11.209		112.1	
M2PFDA	10.631		106.3	
M2PFOA	9.463		94.6	
M3PFBA	10.712		107.1	
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid (HFPO-DA)		0.500	-	50-150
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-13C3-Propanoic Acid (M3HFPO-DA)		10.000	-	50-150
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	0.385	0.500	81.3	50-150
Perfluorohexadecanoic Acid (PFHxDA)	0.753	0.500	150.5*	50-150
Perfluorooctadecanoic Acid (PFODA)	0.389	0.500	77.9	50-150
Perfluoro[13C2]Hexadecanoic Acid (M2PFHxDA)	6.957	10.000	69.6	50-150

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : LaBella Associates, P.C.
 Project Name : ELDRE CORP.-EMERGING CONTAM
 Instrument ID : LCMS02
 Lab File ID : I3790
 Sample No : WG1225360-2
 Channel :

Lab Number : L1913816
 Project Number : 212721.01
 Calibration Date : 04/11/19 14:37
 Init. Calib. Date(s) : 02/14/19 02/14/19
 Init. Calib. Times : 15:17 17:29

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluorobutanoic Acid (PFBA)	9.049	10.000	90.5	70-130
Perfluoropentanoic Acid (PFPeA)	8.438	10.000	84.4	70-130
Perfluorobutanesulfonic Acid (PFBS)	7.422	8.850	83.9	70-130
Perfluorohexanoic Acid (PFHxA)	8.285	10.000	82.8	70-130
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	8.072	9.350	86.3	70-130
Perfluoropentanesulfonic Acid (PFPeS)	7.590	9.400	80.7	70-130
Perfluoroheptanoic Acid (PFHpA)	8.363	10.000	83.6	70-130
Perfluorohexanesulfonic Acid-Branched (br-PFHxS)	1.352	1.720	79.6	70-130
Perfluorohexanesulfonic Acid-Linear (L-PFHxS)	5.931	7.400	80.2	70-130
Perfluorohexanesulfonic Acid (PFHxS)	7.284	9.120	-	70-130
Perfluorooctanoic Acid-Branched (br-PFOA)				
Perfluorooctanoic Acid-Linear (L-PFOA)	8.237	10.000	82.4	70-130
Perfluorooctanoic Acid (PFOA)	8.237	10.000	-	70-130
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	8.590	9.500	90.4	70-130
Perfluoroheptanesulfonic Acid (PFHpS)	7.977	9.500	84	70-130
Perfluorononanoic Acid (PFNA)	8.732	10.000	87.3	70-130
Perfluorooctanesulfonic Acid-Branched (br-PFOS)	1.616	1.960	80.8	70-130
Perfluorooctanesulfonic Acid-Linear (L-PFOS)	5.983	7.300	82	70-130
Perfluorooctanesulfonic Acid (PFOS)	7.599	9.260	-	70-130
Perfluorodecanoic Acid (PFDA)	8.244	10.000	82.4	70-130
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	10.305	9.600	107.3	70-130
Perfluorononanesulfonic Acid (PFNS)	8.448	9.600	88	70-130
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	9.670	10.000	96.7	70-130
Perfluoroundecanoic Acid (PFUnA)	8.448	10.000	84.5	70-130
Perfluorodecanesulfonic Acid (PFDS)	9.110	9.650	94.4	70-130
Perfluorooctanesulfonamide (FOSA)	8.468	10.000	84.7	70-130
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	8.757	10.000	87.6	70-130
Perfluorododecanoic Acid (PFDoA)	8.972	10.000	89.7	70-130
Perfluorotridecanoic Acid (PFTTrDA)	8.522	10.000	85.2	70-130
Perfluorotetradecanoic Acid (PFTA)	8.542	10.000	85.4	70-130
Perfluoro[13C4]Butanoic Acid (MPFBA)	10.593	10.000	105.9	50-150
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	11.113	10.000	111.1	50-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	10.304	10.000	103	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	7.230	10.000	72.3	50-150
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	10.736	10.000	107.4	50-150
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	10.577	10.000	105.8	50-150
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	10.832	10.000	108.3	50-150
Perfluoro[13C8]Octanoic Acid (M8PFOA)	11.030	10.000	110.3	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	7.861	10.000	78.6	50-150
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	11.066	10.000	110.7	50-150
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	10.985	10.000	109.9	50-150
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	10.801	10.000	108	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	9.094	10.000	90.9	50-150

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : LaBella Associates, P.C. Project Name : ELDRE CORP.-EMERGING CONTAM Instrument ID : LCMS02 Lab File ID : I3790 Sample No : WG1225360-2 Channel :	Lab Number : L1913816 Project Number : 212721.01 Calibration Date : 04/11/19 14:37 Init. Calib. Date(s) : 02/14/19 02/14/19 Init. Calib. Times : 15:17 17:29

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	8.263	10.000	82.6	50-150
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	11.670	10.000	116.7	50-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	12.474	10.000	124.7	50-150
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	8.824	10.000	88.2	50-150
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	10.468	10.000	104.7	50-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	10.701	10.000	107	50-150
M4PFOS	12.031		120.3	
M2PFDA	11.016		110.2	
M2PFOA	10.313		103.1	
M3PFBA	10.387		103.9	
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid (HFPO-DA)		10.000	-	70-130
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-13C3-Propanoic Acid (M3HFPO-DA)		10.000	-	50-150
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	7.413	10.000	78.3	70-130
Perfluorohexadecanoic Acid (PFHxDA)	10.045	10.000	100.5	70-130
Perfluorooctadecanoic Acid (PFODA)	8.309	10.000	83.1	70-130
Perfluoro[13C2]Hexadecanoic Acid (M2PFHxDA)	7.118	10.000	71.2	50-150

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : LaBella Associates, P.C.
 Project Name : ELDRE CORP.-EMERGING CONTAM
 Instrument ID : LCMS02
 Lab File ID : I3797
 Sample No : WG1225360-3
 Channel :

Lab Number : L1913816
 Project Number : 212721.01
 Calibration Date : 04/11/19 16:33
 Init. Calib. Date(s) : 02/14/19 02/14/19
 Init. Calib. Times : 15:17 17:29

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
Perfluorobutanoic Acid (PFBA)	0.487	0.500	97.4	50-150
Perfluoropentanoic Acid (PFPeA)	0.458	0.500	91.7	50-150
Perfluorobutanesulfonic Acid (PFBS)	0.393	0.440	88.9	50-150
Perfluorohexanoic Acid (PFHxA)	0.434	0.500	86.9	50-150
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	0.351	0.470	75	50-150
Perfluoropentanesulfonic Acid (PFPeS)	0.368	0.470	78.3	50-150
Perfluoroheptanoic Acid (PFHpA)	0.448	0.500	89.6	50-150
Perfluorohexanesulfonic Acid-Branched (br-PFHxS)	0.038	0.090	44.1*	50-150
Perfluorohexanesulfonic Acid-Linear (L-PFHxS)	0.277	0.370	74.7	50-150
Perfluorohexanesulfonic Acid (PFHxS)	0.314	0.460	-	50-150
Perfluorooctanoic Acid-Branched (br-PFOA)				
Perfluorooctanoic Acid-Linear (L-PFOA)	0.453	0.500	90.6	50-150
Perfluorooctanoic Acid (PFOA)	0.453	0.500	-	50-150
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.329	0.480	69.3	50-150
Perfluoroheptanesulfonic Acid (PFHpS)	0.399	0.480	83.9	50-150
Perfluorononanoic Acid (PFNA)	0.430	0.500	86	50-150
Perfluorooctanesulfonic Acid-Branched (br-PFOS)	0.063	0.100	63	50-150
Perfluorooctanesulfonic Acid-Linear (L-PFOS)	0.281	0.370	77	50-150
Perfluorooctanesulfonic Acid (PFOS)	0.344	0.460	-	50-150
Perfluorodecanoic Acid (PFDA)	0.431	0.500	86.1	50-150
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	0.387	0.480	80.6	50-150
Perfluorononanesulfonic Acid (PFNS)	0.383	0.480	79.7	50-150
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.500	0.500	100	50-150
Perfluoroundecanoic Acid (PFUnA)	0.429	0.500	85.7	50-150
Perfluorodecanesulfonic Acid (PFDS)	0.426	0.480	88.3	50-150
Perfluorooctanesulfonamide (FOSA)	0.427	0.500	85.3	50-150
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.586	0.500	117.1	50-150
Perfluorododecanoic Acid (PFDoA)	0.468	0.500	93.6	50-150
Perfluorotridecanoic Acid (PFTTrDA)	0.450	0.500	90	50-150
Perfluorotetradecanoic Acid (PFTA)	0.503	0.500	100.6	50-150
Perfluoro[13C4]Butanoic Acid (MPFBA)	10.739	10.000	107.4	50-150
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	11.907	10.000	119.1	50-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	10.004	10.000	100	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	6.096	10.000	61	50-150
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	10.506	10.000	105.1	50-150
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	10.657	10.000	106.6	50-150
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	10.869	10.000	108.7	50-150
Perfluoro[13C8]Octanoic Acid (M8PFOA)	10.937	10.000	109.4	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	6.422	10.000	64.2	50-150
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	11.610	10.000	116.1	50-150
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	11.484	10.000	114.8	50-150
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	10.782	10.000	107.8	50-150
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	7.572	10.000	75.7	50-150

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Semivolatiles

Client : LaBella Associates, P.C.	Lab Number : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM	Project Number : 212721.01
Instrument ID : LCMS02	Calibration Date : 04/11/19 16:33
Lab File ID : I3797	Init. Calib. Date(s) : 02/14/19 02/14/19
Sample No : WG1225360-3	Init. Calib. Times : 15:17 17:29
Channel :	

Compound	Concentration (ng/ml)	True Value (ng/ml)	% Recovery	QC Limits
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	7.462	10.000	74.6	50-150
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	11.369	10.000	113.7	50-150
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	11.575	10.000	115.8	50-150
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	7.532	10.000	75.3	50-150
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	10.380	10.000	103.8	50-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	9.906	10.000	99.1	50-150
M4PFOS	11.340		113.4	
M2PFDA	10.988		109.9	
M2PFOA	9.907		99.1	
M3PFBA	8.675		86.7	

* Value outside of QC limits.



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld
Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time
Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Method: C:\MassLynx\Data\2019\190411_537ISO.PRO\MethDB\537ISO_Q_190215_RT.mdb 10 Apr 2019 16:27:50
Calibration: C:\MassLynx\Data\2019\190411_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 08:45:17

ID: WG1225360-1,537ILOW
Name: I3773
Date: 11-Apr-2019
Time: 09:41:37
Description: WG1225360,WG1223365,ICAL15513,537ILOW
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:JW

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.35	212.926 > 169.111	2309		0.455		na	91.0
2	M3PFBA	INT STD	2.35	215.926 > 172.122	50846		10.712		na	107.1
3	MPFBA	INT STD	2.35	216.926 > 172.137	59137		10.766		na	107.7
4	PFPeA	2706-90-3	5.25	262.926 > 219.002	3425		0.449		na	89.8
5	M5PFPEA	INT STD	5.24	267.989 > 223.081	71214		10.422		na	104.2
6	PFBS	375-73-5	5.89	298.989 > 80.295	548		0.382		na	86.4
7	M3PFBS	INT STD	5.88	301.989 > 80.254	13731		10.650		na	106.5
8	4:2FTS	757124-72-4	7.05	326.926 > 306.957	240		0.388	2.44	YES	83.1
9	M2-4:2FTS	INT STD	7.05	329.117 > 309.079	5146		8.604		na	86.0
10	PFHxA	307-24-4	7.13	312.989 > 269.028	3759		0.432	17.34	NO	86.4
11	M5PFHxA	INT STD	7.13	317.989 > 273.045	85964		11.033		na	110.3
12	PFPeS	2706-91-4	7.44	348.926 > 80.251	613		0.446	2.25	NO	95.0
13	PFHpA	375-85-9	8.40	362.926 > 319.014	4733		0.433	5.62	NO	86.7
14	M4PFHpA	INT STD	8.40	366.926 > 321.979	109094		10.838		na	108.4
15	br-PFHxS	355-46-4	8.26	398.926 > 80.295	49 M5		0.042		YES	49.1
16	L-PFHxS	355-46-4	8.55	398.926 > 80.295	409		0.315	1.67	NO	85.1
17	PFHxS	355-46-4		398.926 > 80.295	459		0.357		na	
18	M3PFHxS	INT STD	8.55	401.926 > 80.317	9384		10.284		na	102.8
19	br-PFOA	335-67-1		412.989 > 368.9			ND		YES	
20	L-PFOA	335-67-1	9.35	412.989 > 368.9	4509		0.419	11.25	NO	83.7
21	M2PFOA	INT STD	9.35	415.032 > 369.968	93722		9.463		na	94.6
22	PFOA	335-67-1		412.989 > 368.9	4509		0.419		na	
23	M8PFOA	INT STD	9.34	420.989 > 375.979	100769		11.195		na	112.0
24	6:2FTS	27619-97-2	9.31	426.989 > 406.921	238		0.448		na	94.3
25	M2-6:2FTS	INT STD	9.30	428.989 > 408.917	5299		8.821		na	88.2
26	PFHpS	375-92-8	9.44	448.926 > 80.257	247		0.319	0.76	NO	67.1
27	PFNA	375-95-1	10.10	462.989 > 418.931	4170		0.453	5.36	NO	90.5
28	M9PFNA	INT STD	10.10	472.053 > 426.947	99559		11.632		na	116.3
29	br-PFOS	1763-23-1	9.94	498.989 > 80.294	96 M5		0.064		YES	63.6
30	L-PFOS	1763-23-1	10.15	498.989 > 80.294	404		0.312	1.57	YES	85.6
31	PFOS	1763-23-1		498.989 > 80.294	500		0.376		na	
32	M4PFOS	INT STD	10.14	503.032 > 80.306	10365		11.209		na	112.1
33	M8PFOS	INT STD	10.14	507.053 > 80.294	11302		10.845		na	108.5
34	PFDA	335-76-2	10.73	513.053 > 468.906	3591		0.415	7.78	YES	83.0
35	M2PFDA	INT STD	10.73	515.053 > 469.934	80192		10.631		na	106.3
36	M6PFDA	INT STD	10.73	519.053 > 473.931	93309		10.872		na	108.7
37	8:2FTS	39108-34-4	10.72	526.989 > 506.946	128 M5		0.292		na	60.8
38	M2-8:2FTS	INT STD	10.72	529.053 > 508.945	3830		11.582		na	115.8
39	PFNS	68259-12-1	10.75	548.989 > 80.249	356 M5		0.367	1.06	YES	76.5

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

ID: WG1225360-1,537ILOW

Name: I3773

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:JW

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	11.10	573.096 > 418.987	7398		9.065		na	90.6
41	NMeFOSAA	2355-31-9	11.09	570.053 > 418.917	426	M4	0.557		na	111.3
42	PFUnA	2058-94-8	11.27	562.989 > 518.903	3980		0.430	7.78	NO	86.0
43	M7-PFUDA	INT STD	11.27	570.053 > 524.923	85228		11.840		na	118.4
44	PFDS	335-77-3	11.28	598.926 > 80.314	311		0.342	1.08	YES	71.0
45	FOSA	754-91-6	11.07	497.989 > 78.245	1238	M4	0.362		na	72.5
46	M8FOSA	INT STD	11.07	506.053 > 78.286	33145		12.297		na	123.0
47	d5-NEtFOSAA	INT STD	11.38	589.117 > 418.929	6826		9.243		na	92.4
48	NEtFOSAA	2991-50-6	11.39	583.989 > 418.927	367		0.496	4.48	NO	99.3
49	PFDoA	307-55-1	11.75	612.989 > 568.967	3775		0.458	15.73	NO	91.6
50	MPFDOA	INT STD	11.75	614.989 > 569.92	90653		10.976		na	109.8
51	PFTTrDA	72629-94-8	12.16	663.053 > 618.969	2730		0.441	10.43	NO	88.2
52	PFTA	376-06-7	12.51	713.053 > 668.976	2368		0.435	8.32	NO	87.0
53	M2PFTEDA	INT STD	12.51	715.053 > 669.945	64399		11.710		na	117.1
54	M3HFPO-DA	INT STD		331.989 > 286.995			ND		na	
55	HFPO-DA	13252-13-6	7.59	328.989 > 284.982	10		ND		na	
56	ADONA	958445-44-8	8.58	376.926 > 251.005	6605		0.385	3192.29	NO	81.3
57	PFHxDA		12.87	813.053 > 769.005	2178		0.753		na	150.5
58	PFODA		13.15	912.989 > 869.032	1075		0.389		na	77.9
59	M2PFHxDA		12.87	815.372 > 770.158	7315		6.957		na	69.6
60	10:2FTS			626.862 > 606.896			ND		na	
61	9CL-PF3ONS		10.49	530.862 > 350.843	2704		1049.055		na	22511...
62	11CL-PFOUdS		11.55	630.862 > 450.854	2370		ND		na	

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Method: C:\MassLynx\Data\2019\190411_537ISO.PRO\MethDB\537ISO_Q_190215_RT.mdb 10 Apr 2019 16:27:50

Calibration: C:\MassLynx\Data\2019\190411_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 08:45:17

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBA

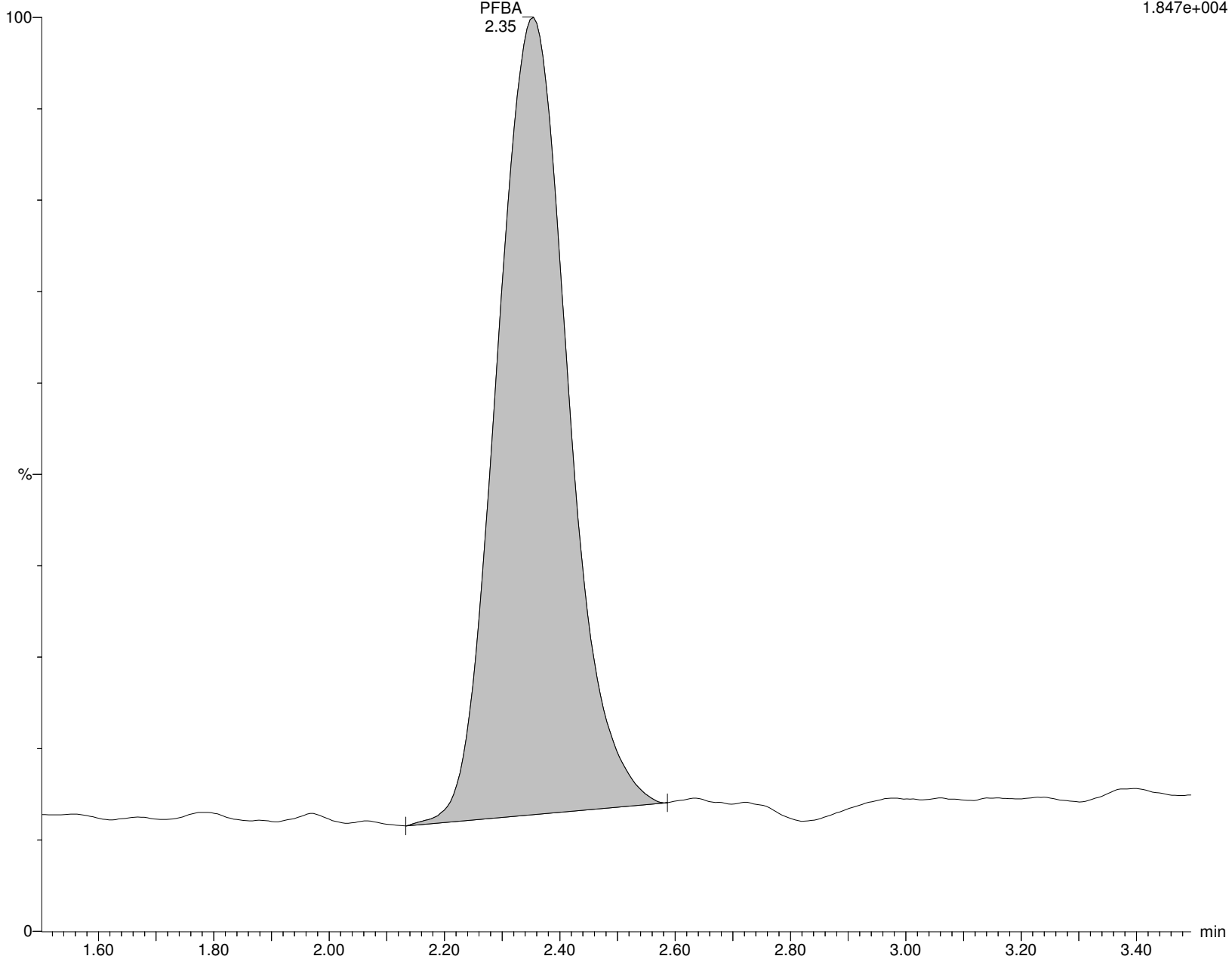
I3773 Smooth(Mn,2x5)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F1:MRM of 1 channel,ES-

212.926 > 169.111

1.847e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBA

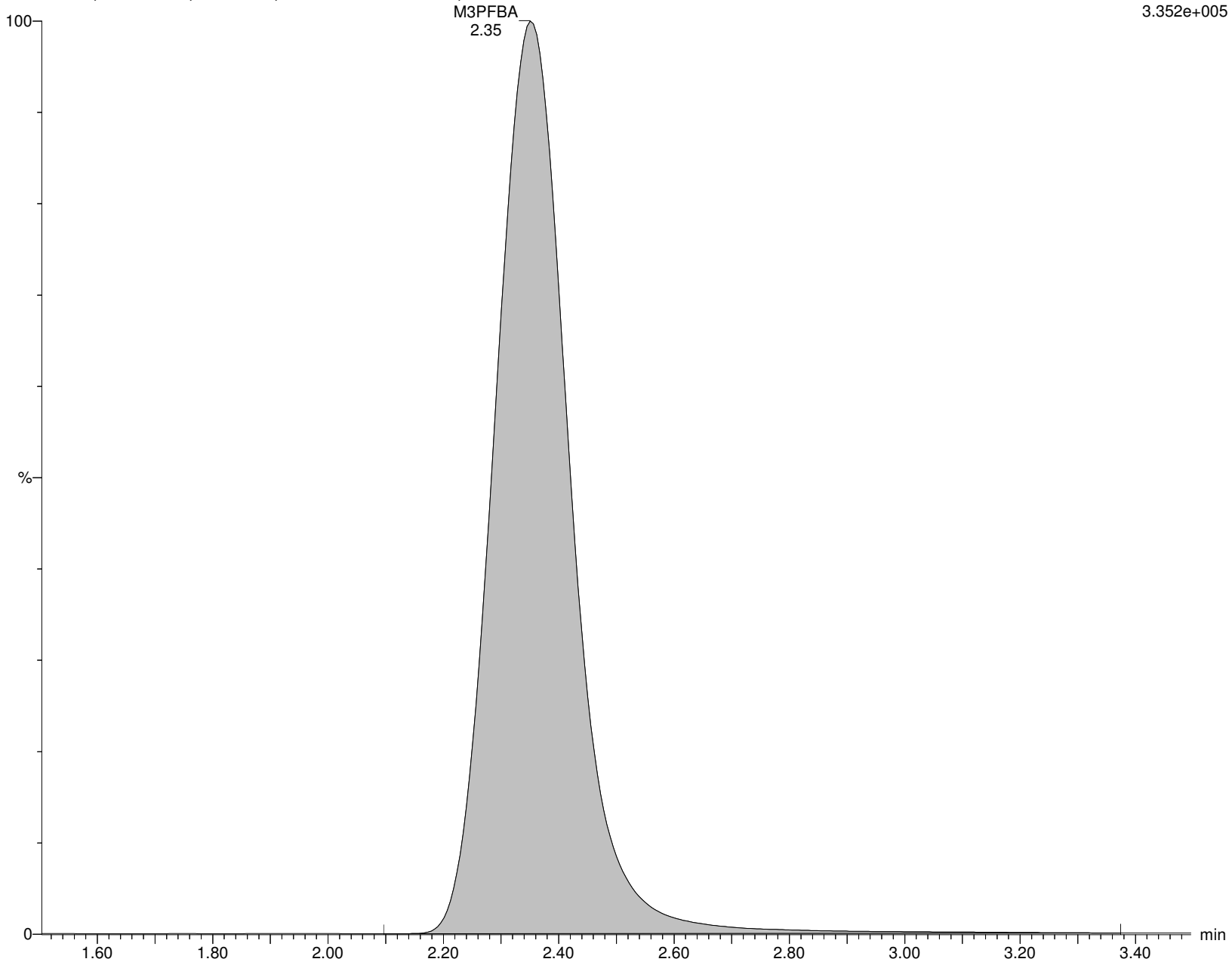
I3773 Smooth(Mn,2x6)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F2:MRM of 1 channel,ES-

215.926 > 172.122

3.352e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFBA

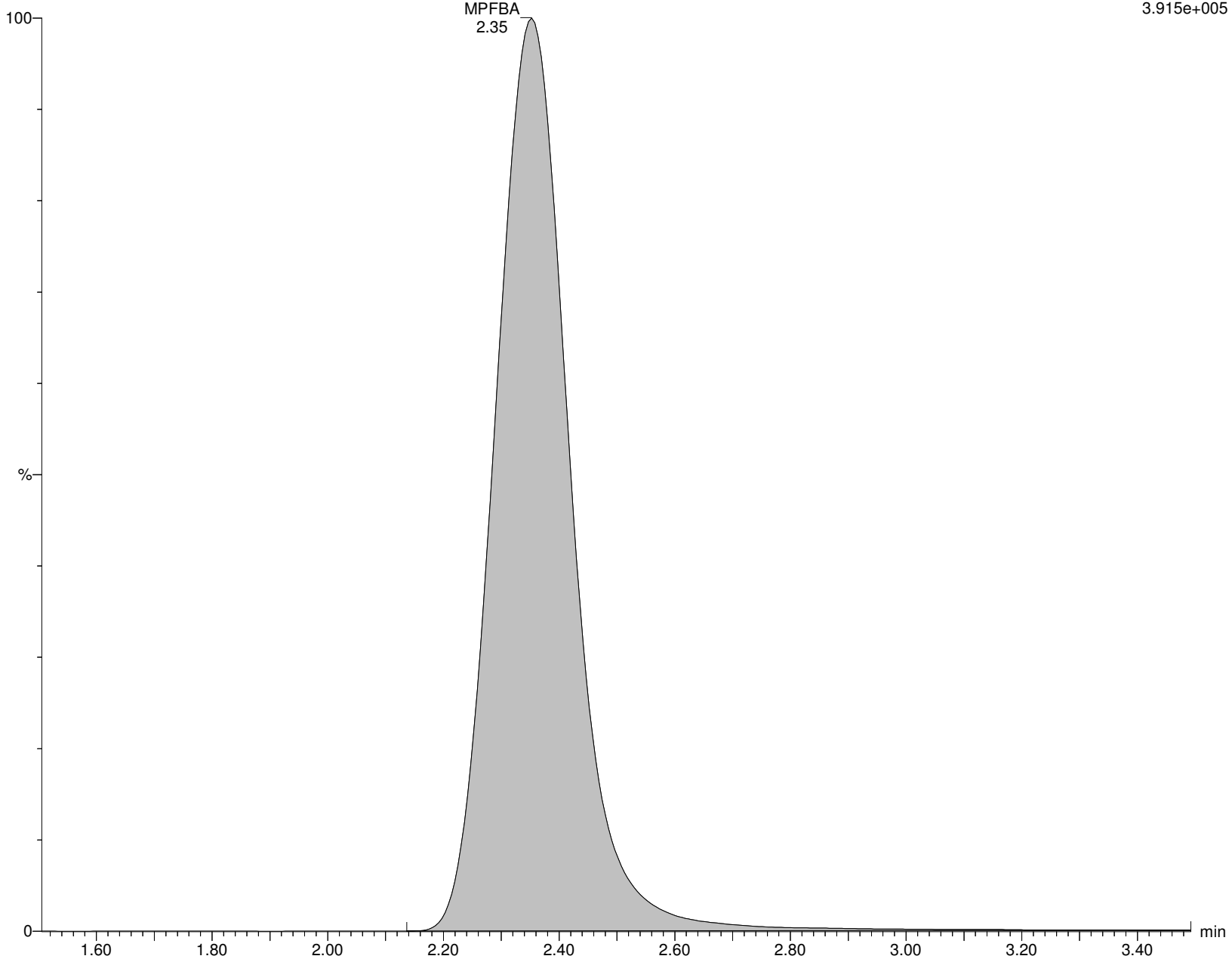
I3773 Smooth(Mn,2x6)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F3:MRM of 1 channel,ES-

216.926 > 172.137

3.915e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeA

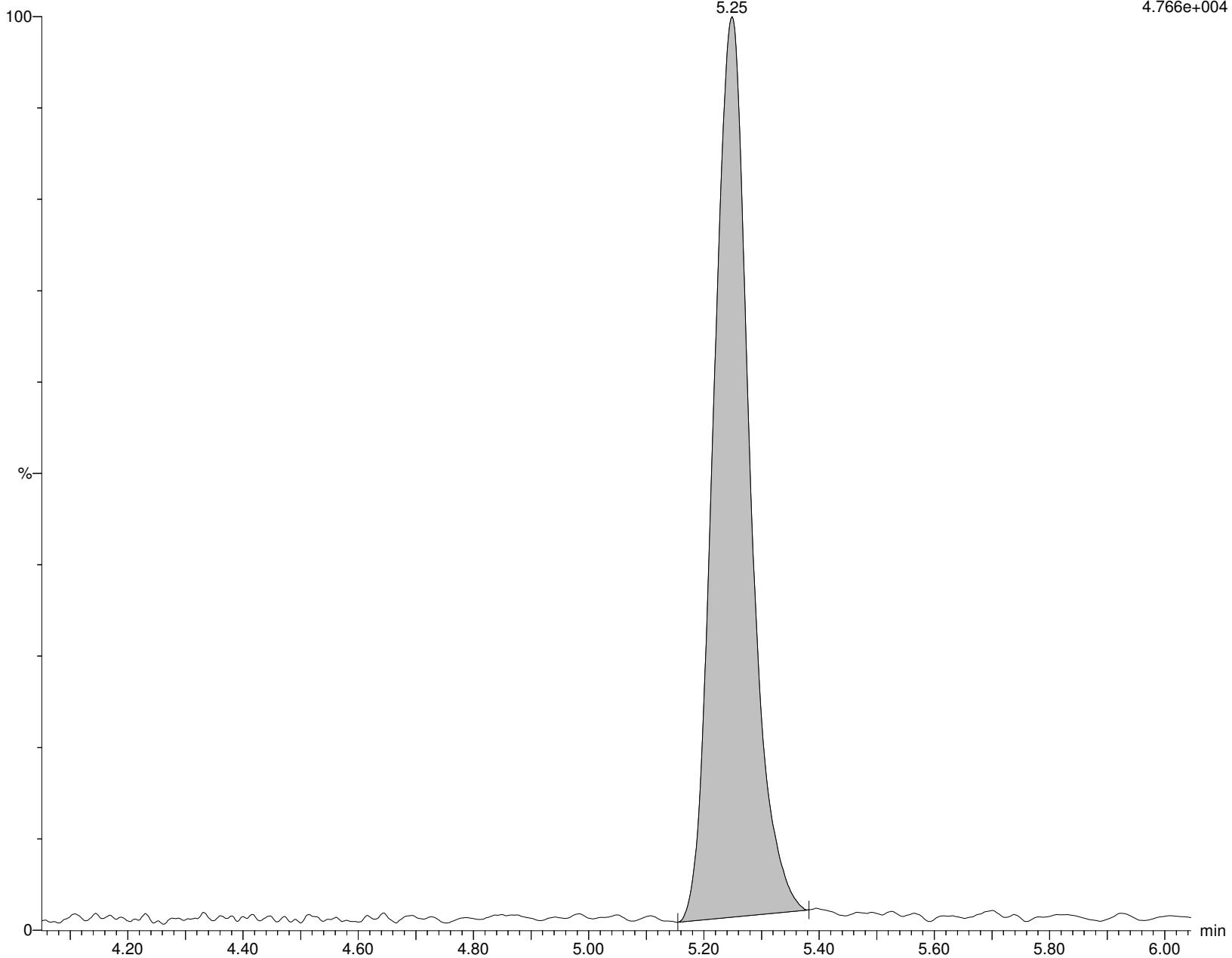
I3773 Smooth(Mn,2x4)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F4:MRM of 2 channels,ES-

262.926 > 219.002

4.766e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773**ID: WG1225360-1,537ILOW****Date: 11-Apr-2019****Time: 09:41:37****Description: WG1225360,WG1223365,ICAL15513,537ILOW****User: LCMS02:JW****Vial: 2:A,2****Instrument: XEVO-TQSmicro#QEB0050****Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B****Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR****MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP****M5PFPEA**

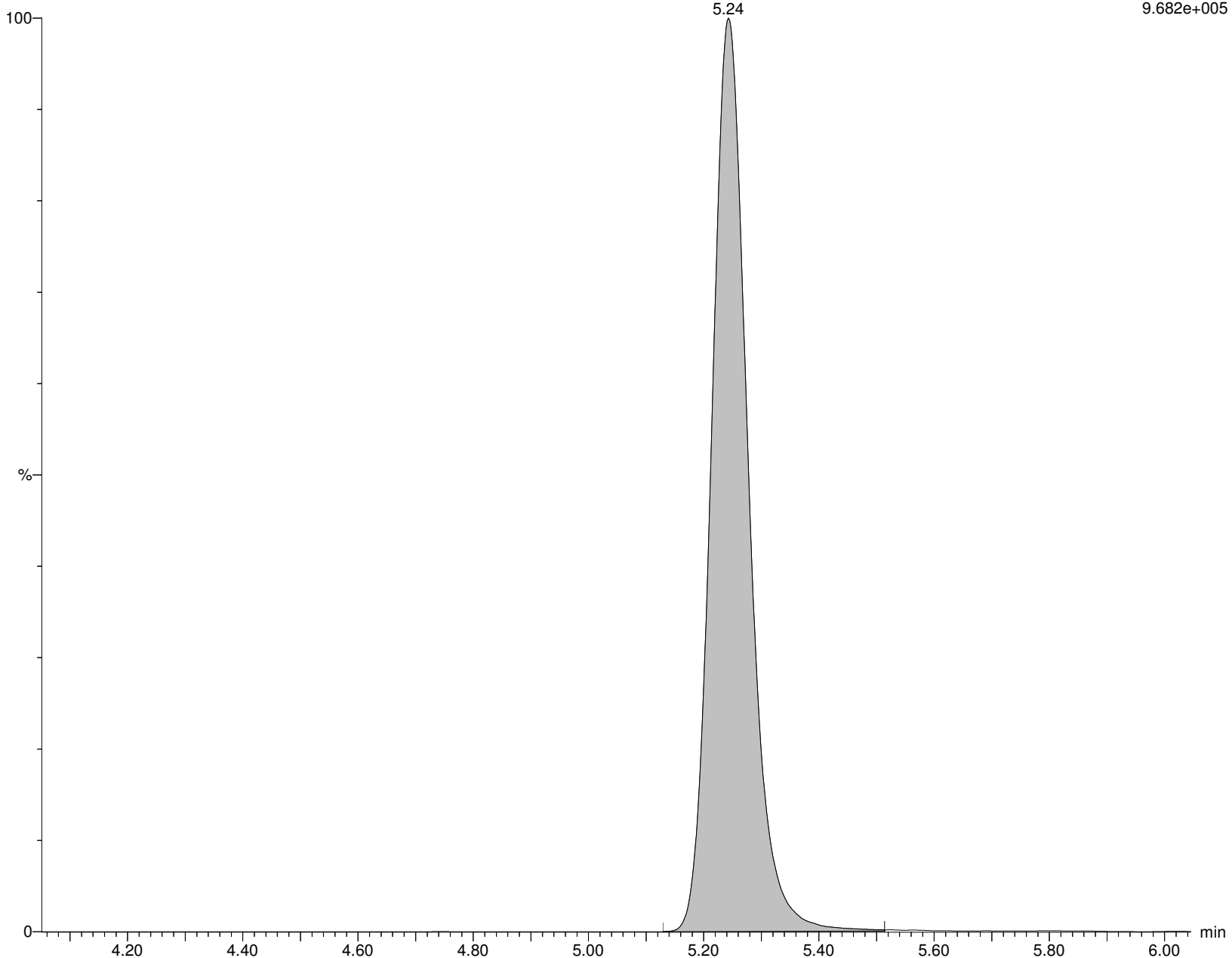
I3773 Smooth(Mn,2x4)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F5:MRM of 1 channel,ES-

267.989 > 223.081

9.682e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBS

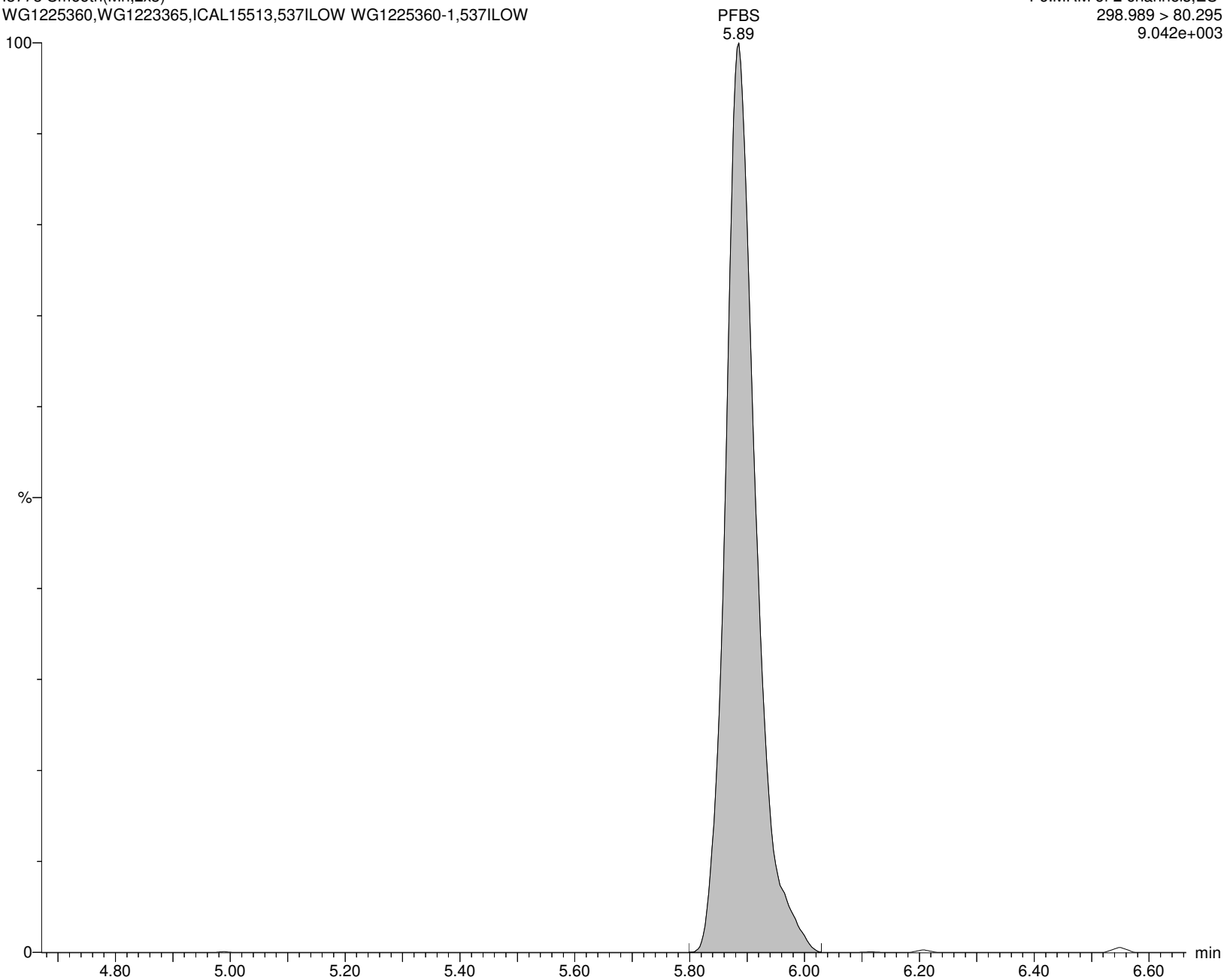
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F6:MRM of 2 channels,ES-

298.989 > 80.295

9.042e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBS

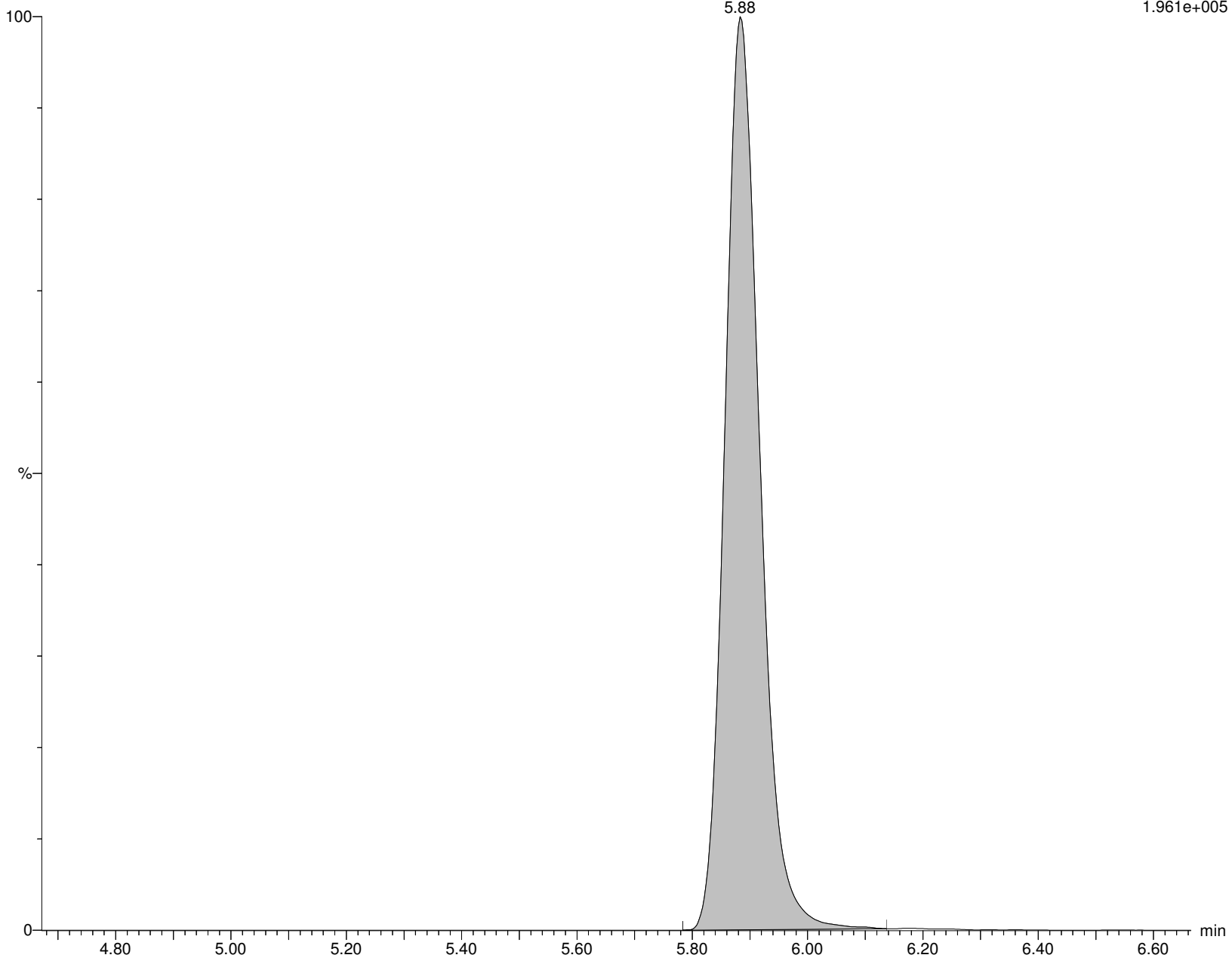
I3773 Smooth(Mn,2x4)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F7:MRM of 1 channel,ES-

301.989 > 80.254

1.961e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

4:2FTS

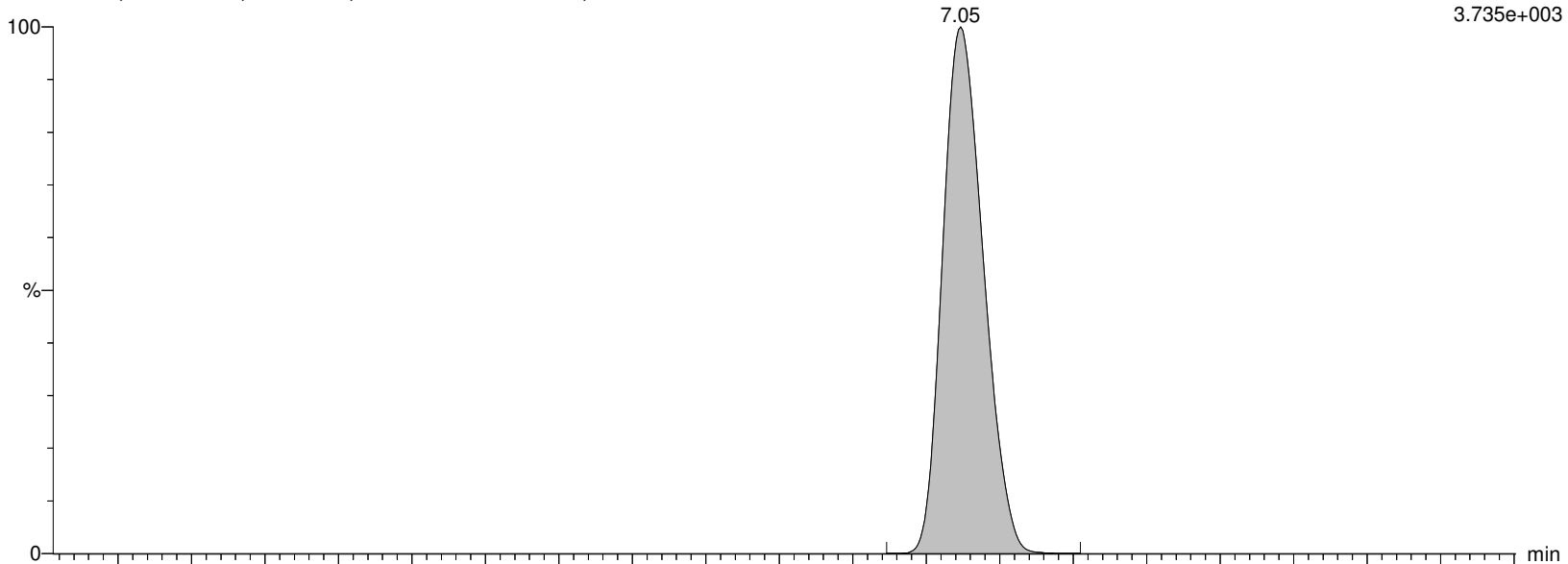
I3773 Smooth(Mn,5x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F10:MRM of 2 channels,ES-

326.926 > 306.957

3.735e+003



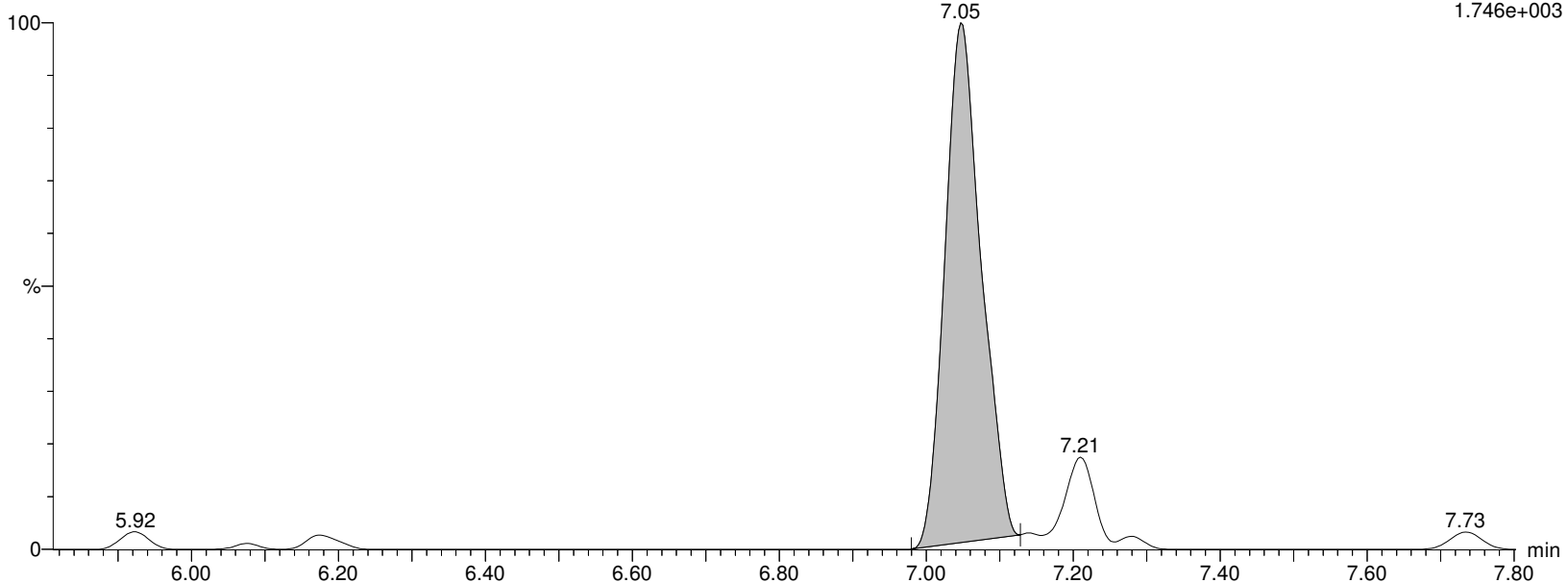
I3773 Smooth(Mn,5x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F10:MRM of 2 channels,ES-

326.926 > 81.02

1.746e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-4:2FTS

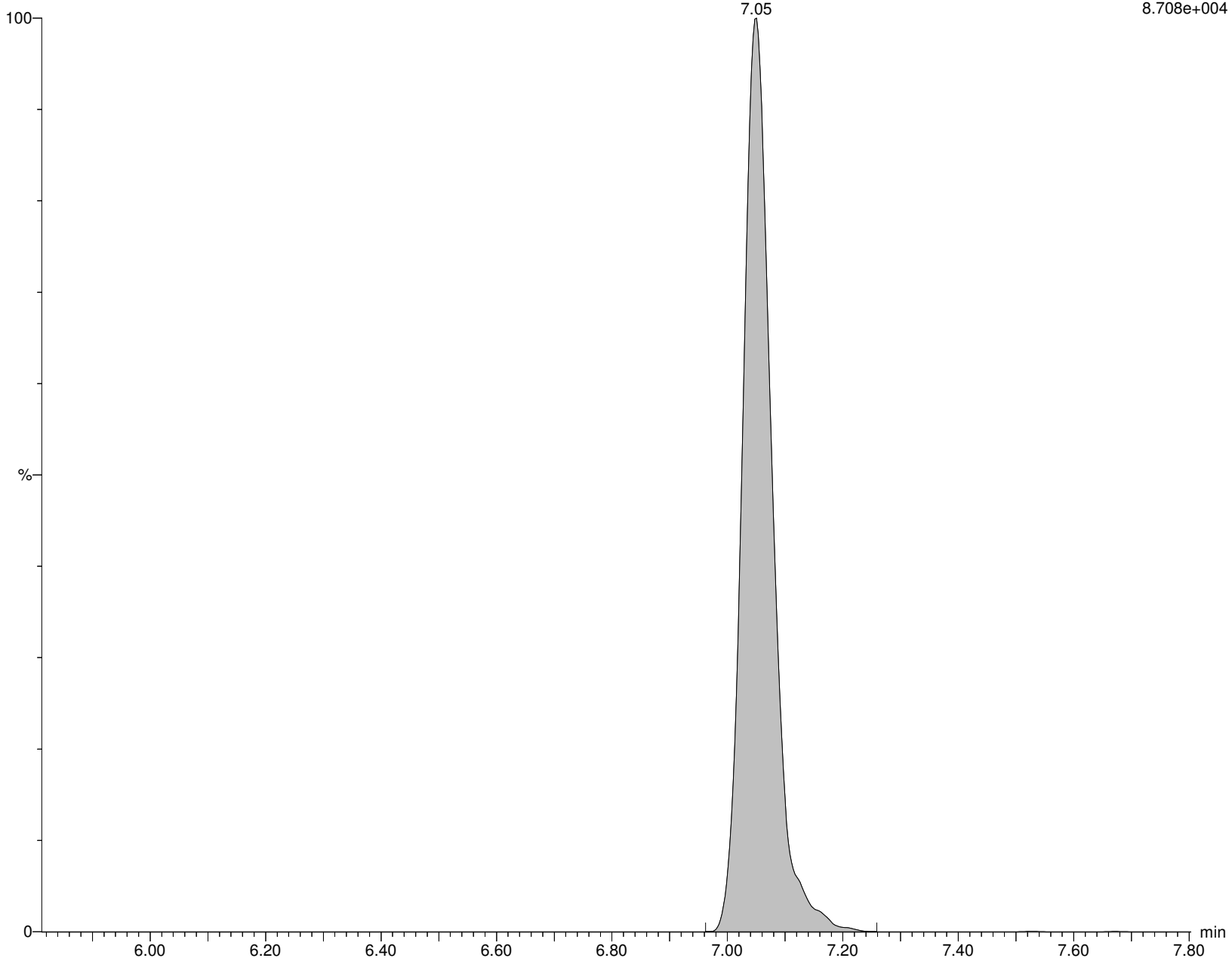
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F12:MRM of 2 channels,ES-

329.117 > 309.079

8.708e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxA

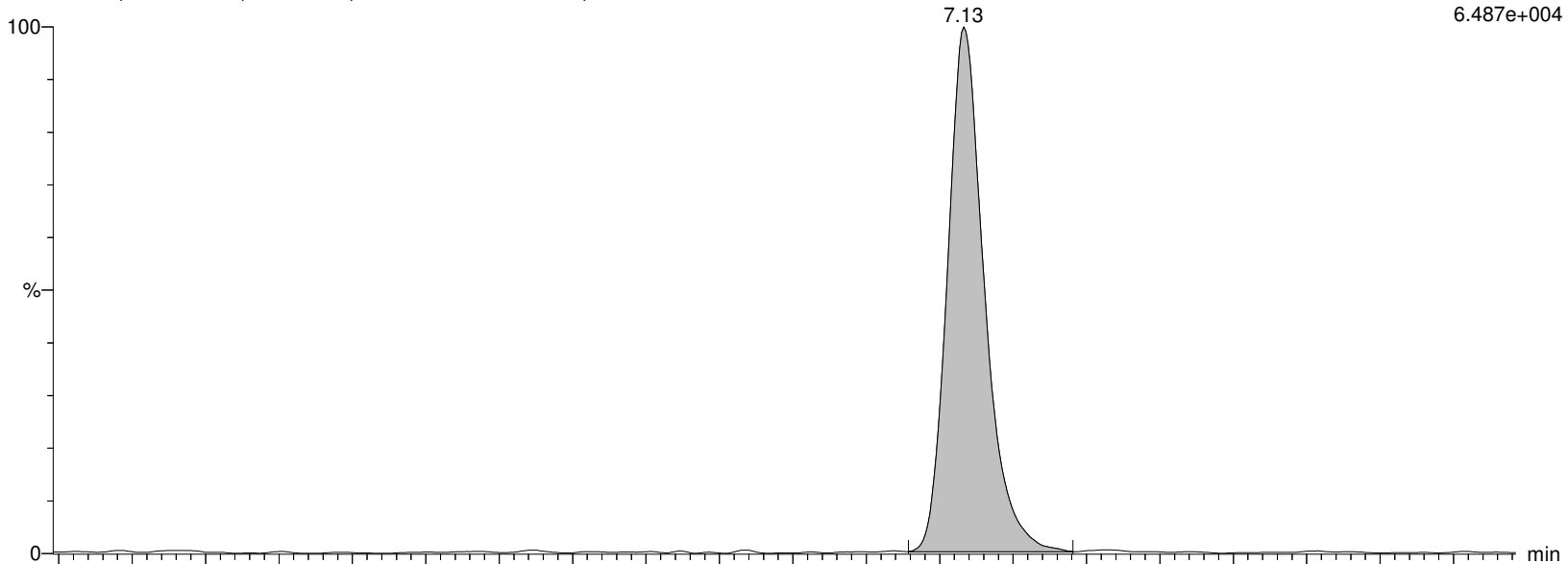
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F8:MRM of 2 channels,ES-

312.989 > 269.028

6.487e+004



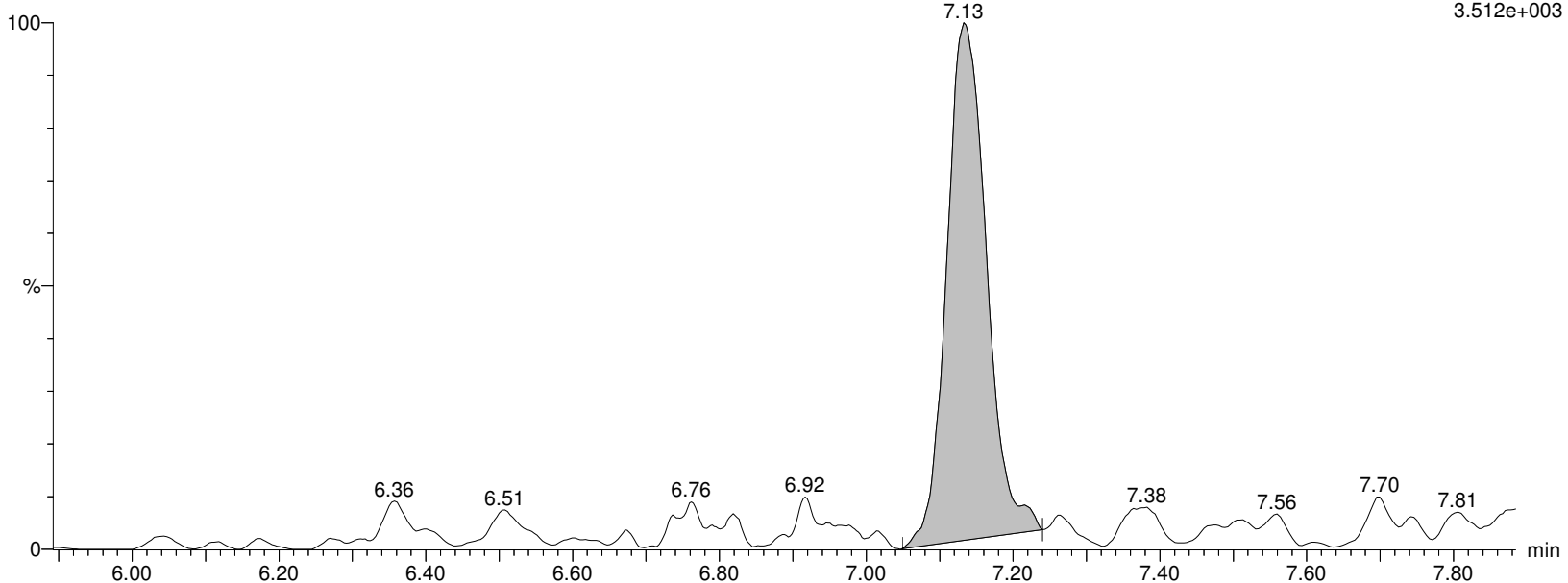
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F8:MRM of 2 channels,ES-

312.989 > 119.18

3.512e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFHxA

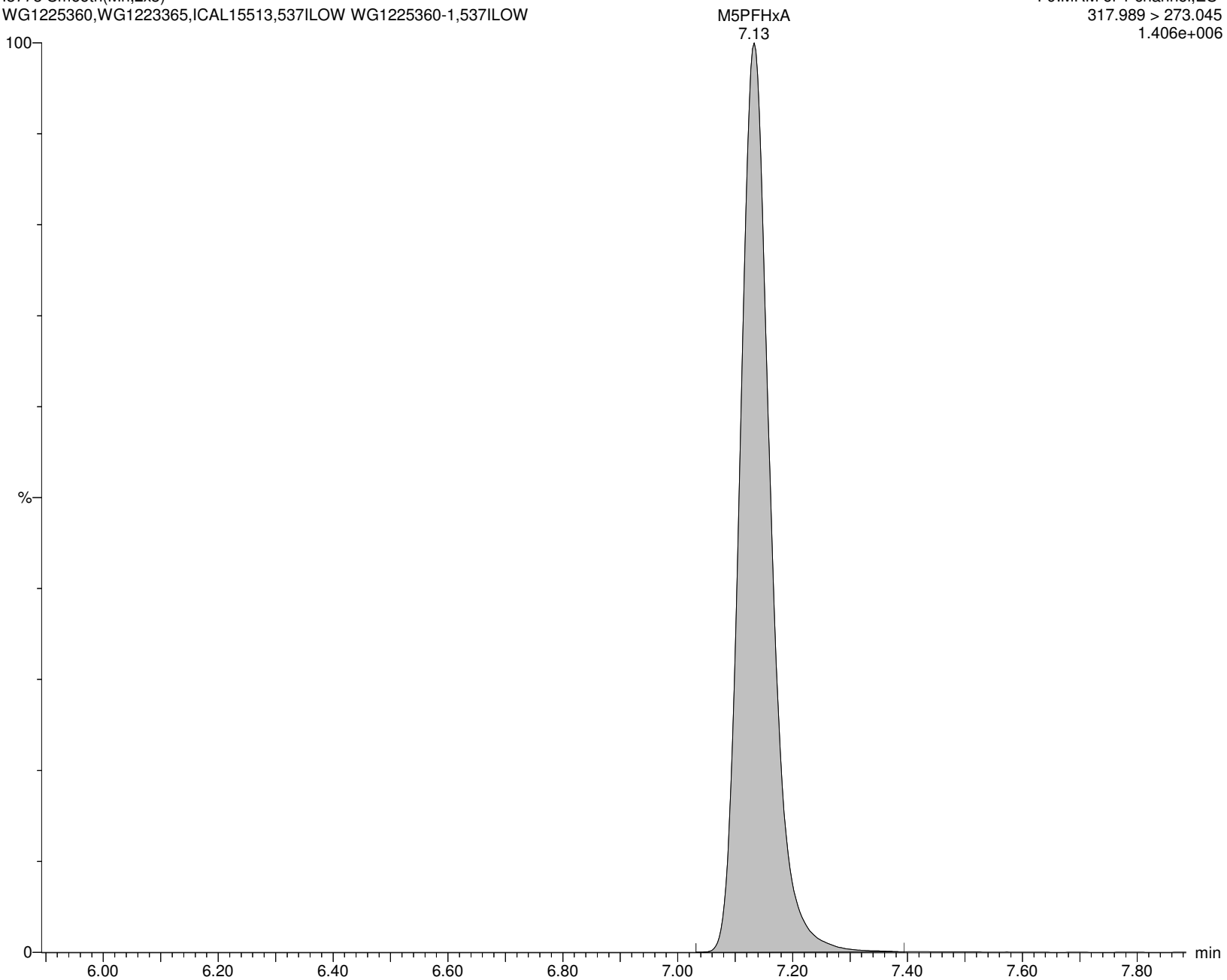
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F9:MRM of 1 channel,ES-

317.989 > 273.045

1.406e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeS

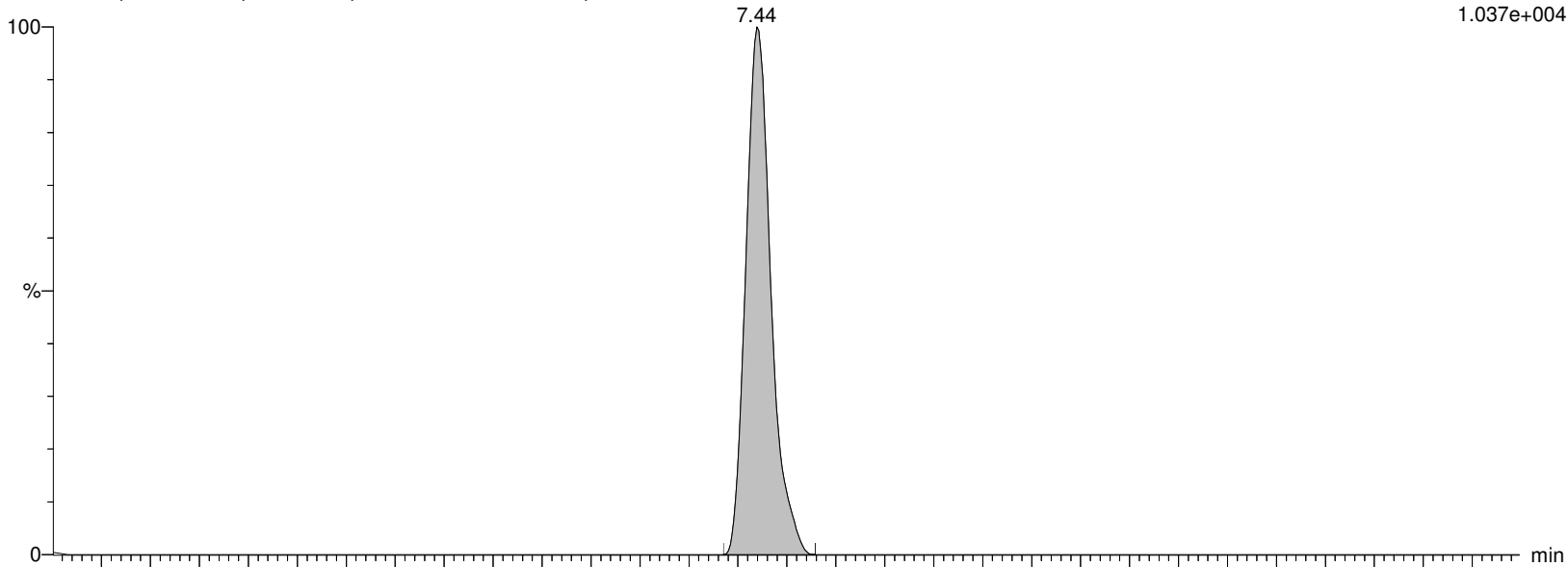
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F14:MRM of 2 channels,ES-

348.926 > 80.251

1.037e+004



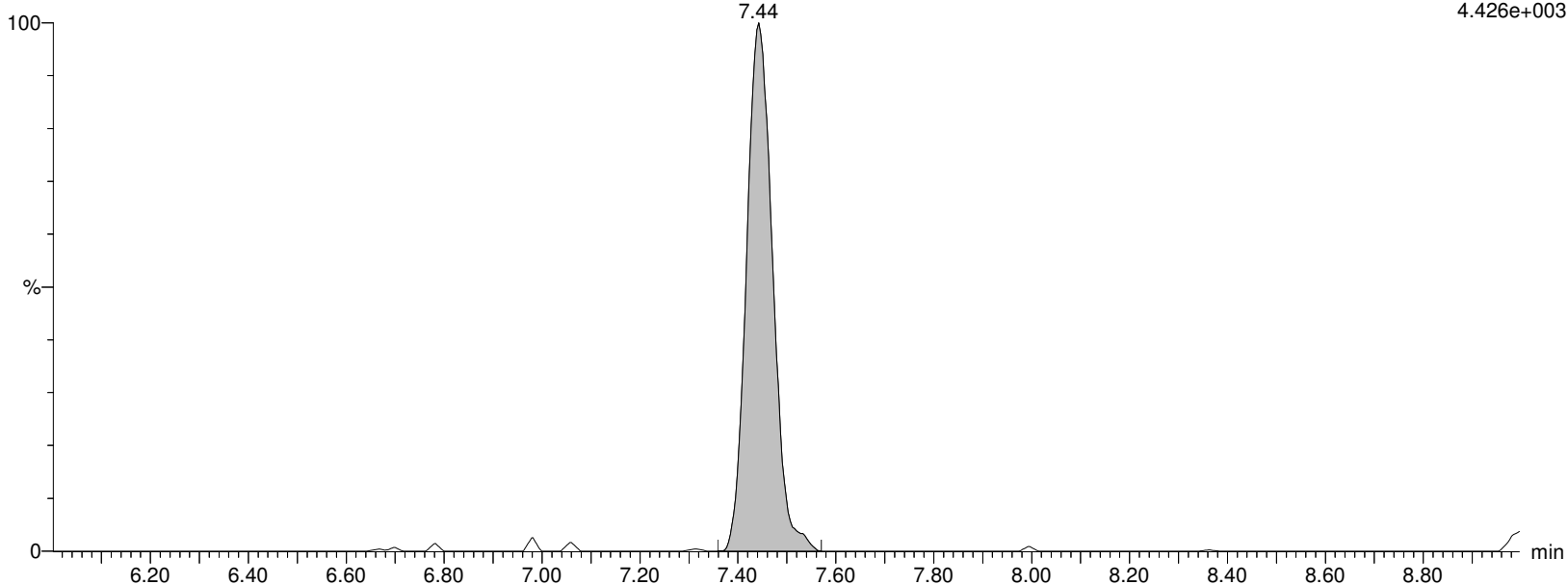
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F14:MRM of 2 channels,ES-

348.926 > 99.16

4.426e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpA

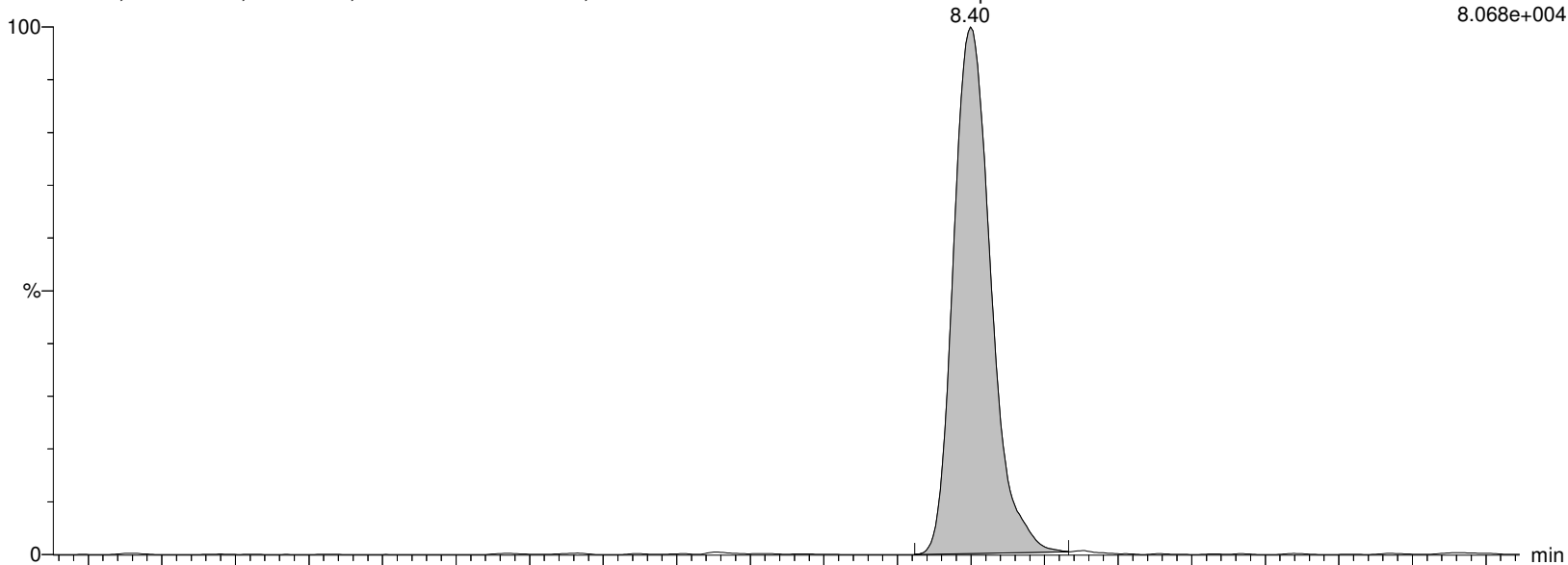
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F15:MRM of 2 channels,ES-

362.926 > 319.014

8.068e+004



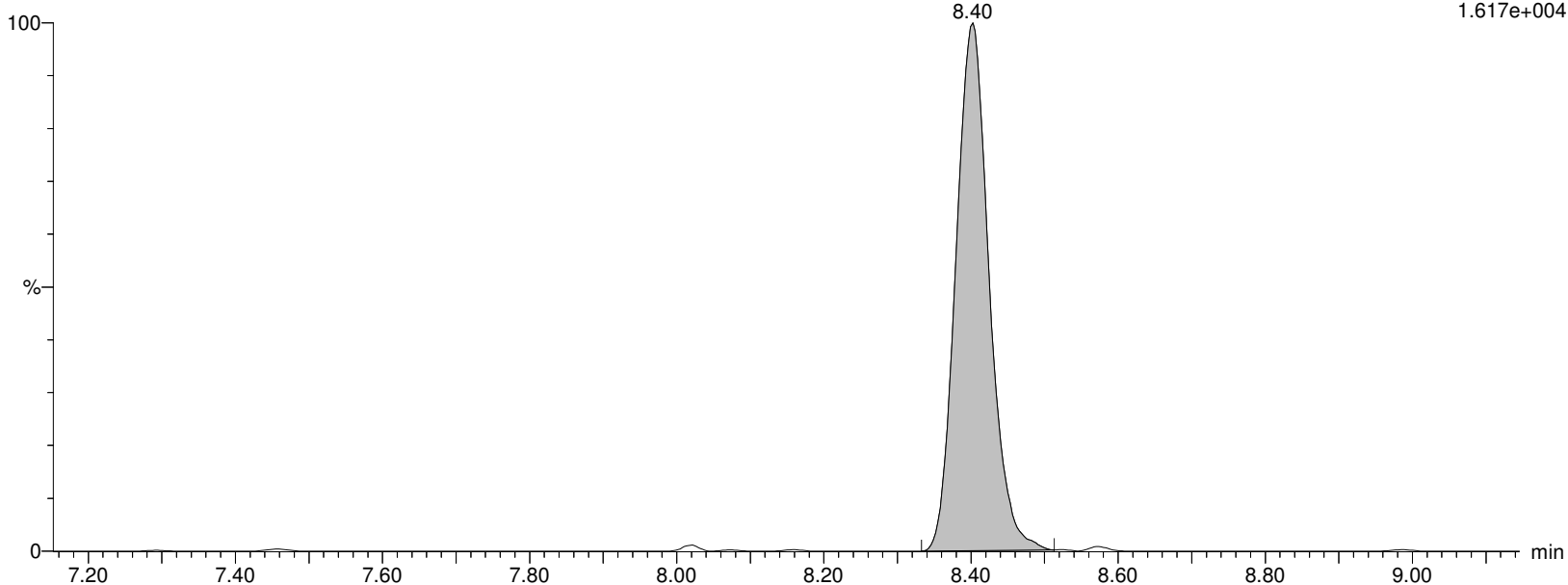
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F15:MRM of 2 channels,ES-

362.926 > 169.12

1.617e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFHpA

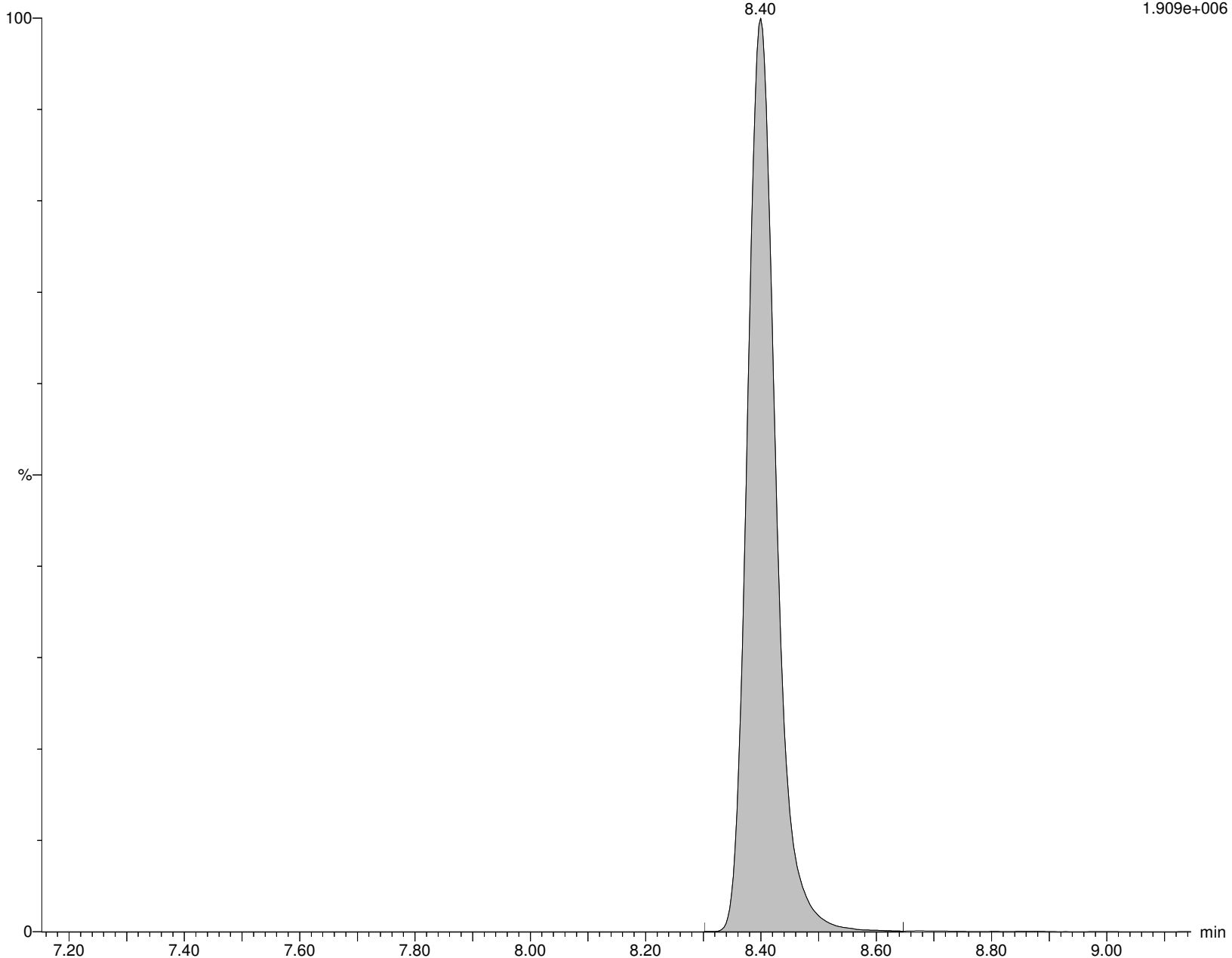
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F16:MRM of 1 channel,ES-

366.926 > 321.979

1.909e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFHxS

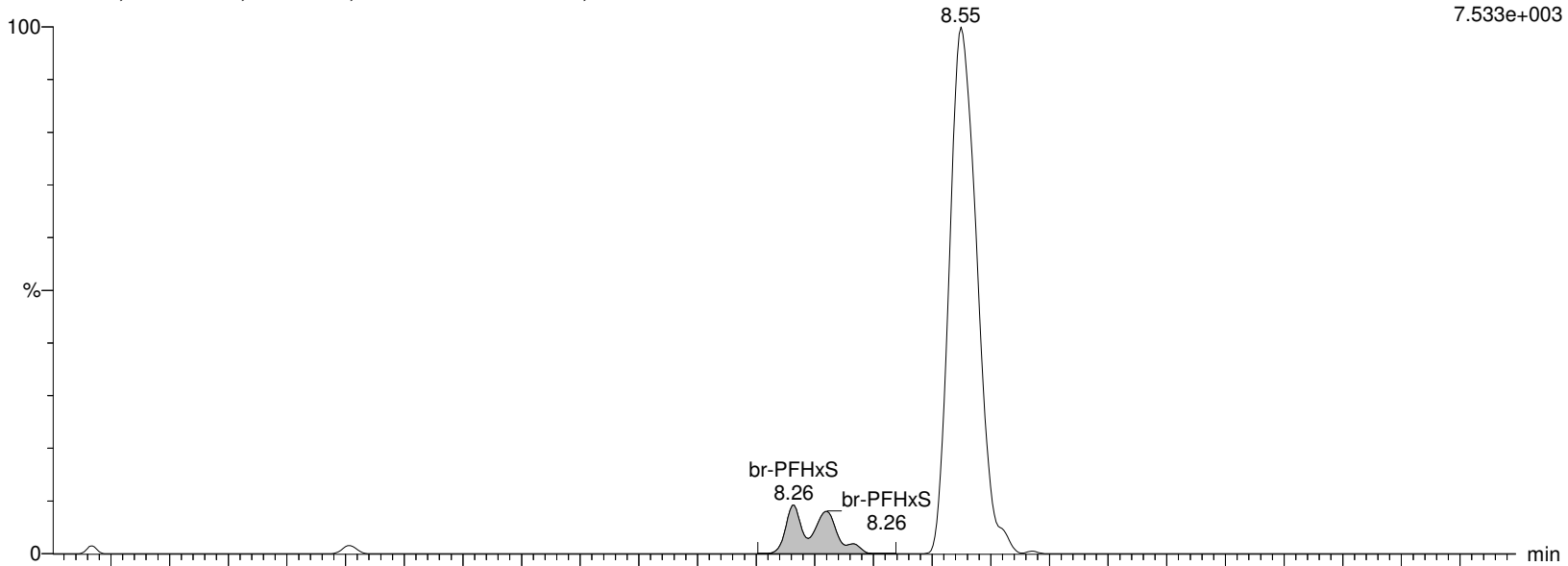
I3773 Smooth(Mn,3x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F18:MRM of 2 channels,ES-

398.926 > 80.295

7.533e+003



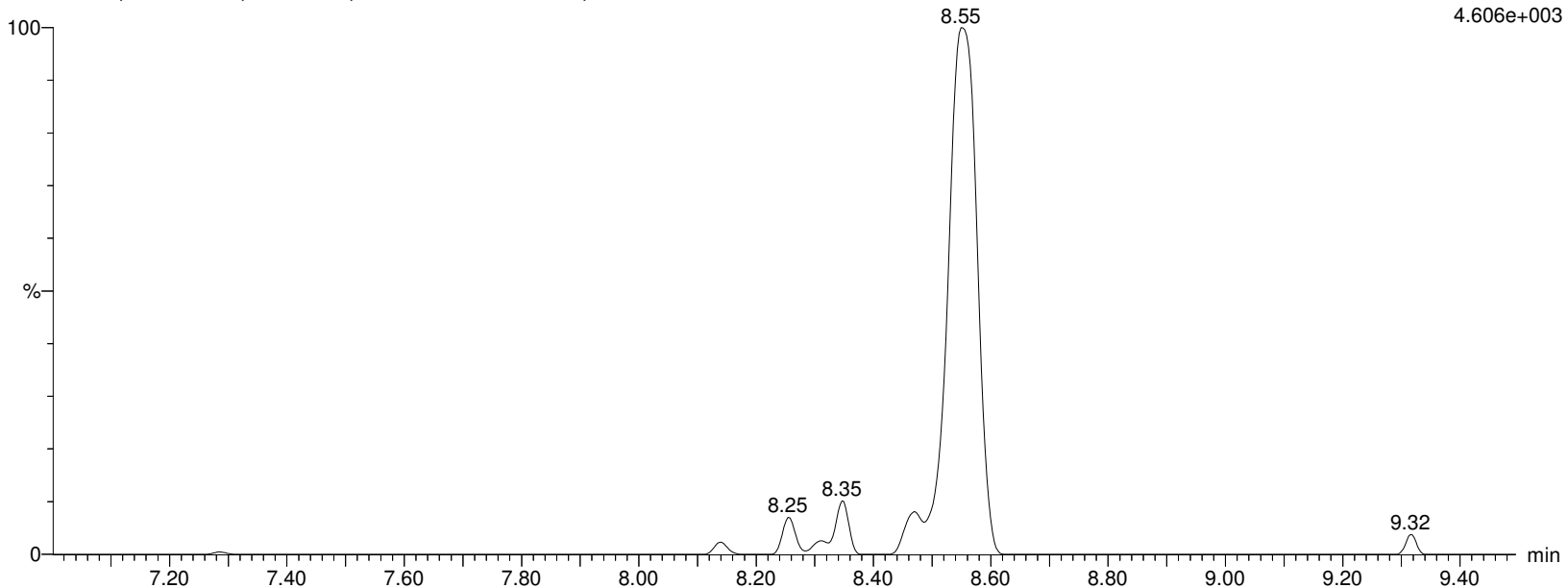
I3773 Smooth(Mn,3x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F18:MRM of 2 channels,ES-

398.926 > 99.2

4.606e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFHxS

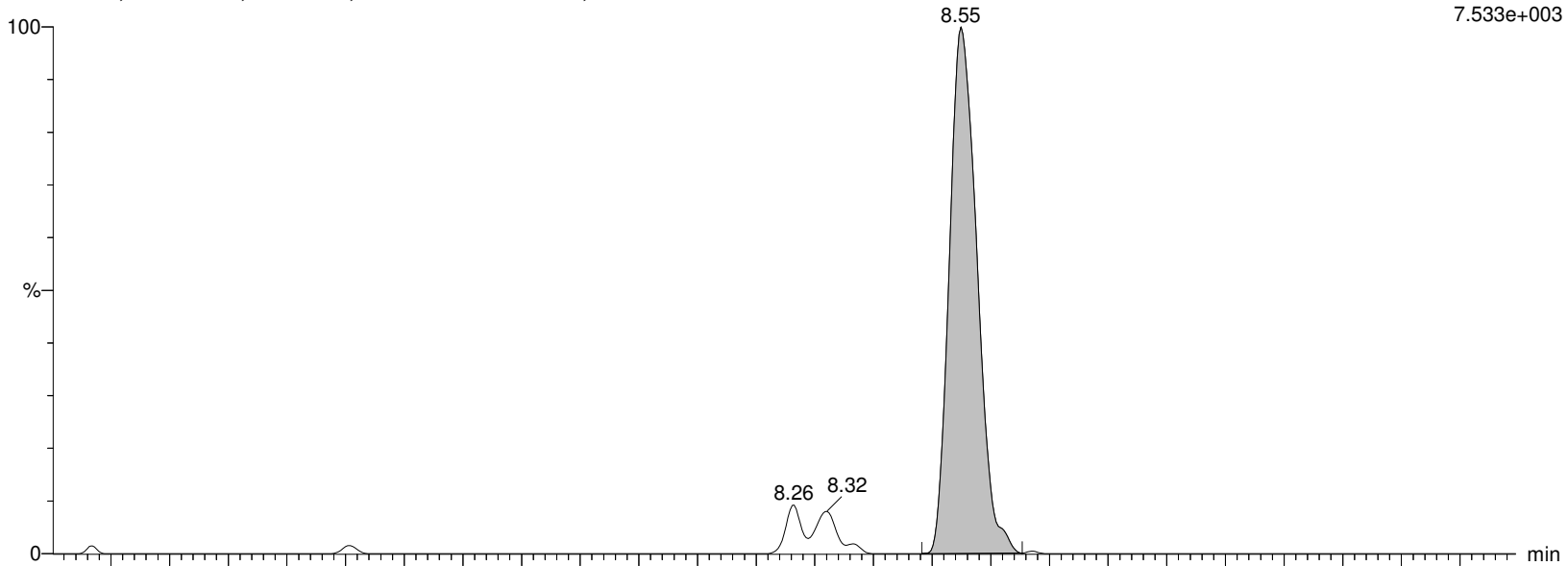
I3773 Smooth(Mn,3x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F18:MRM of 2 channels,ES-

398.926 > 80.295

7.533e+003



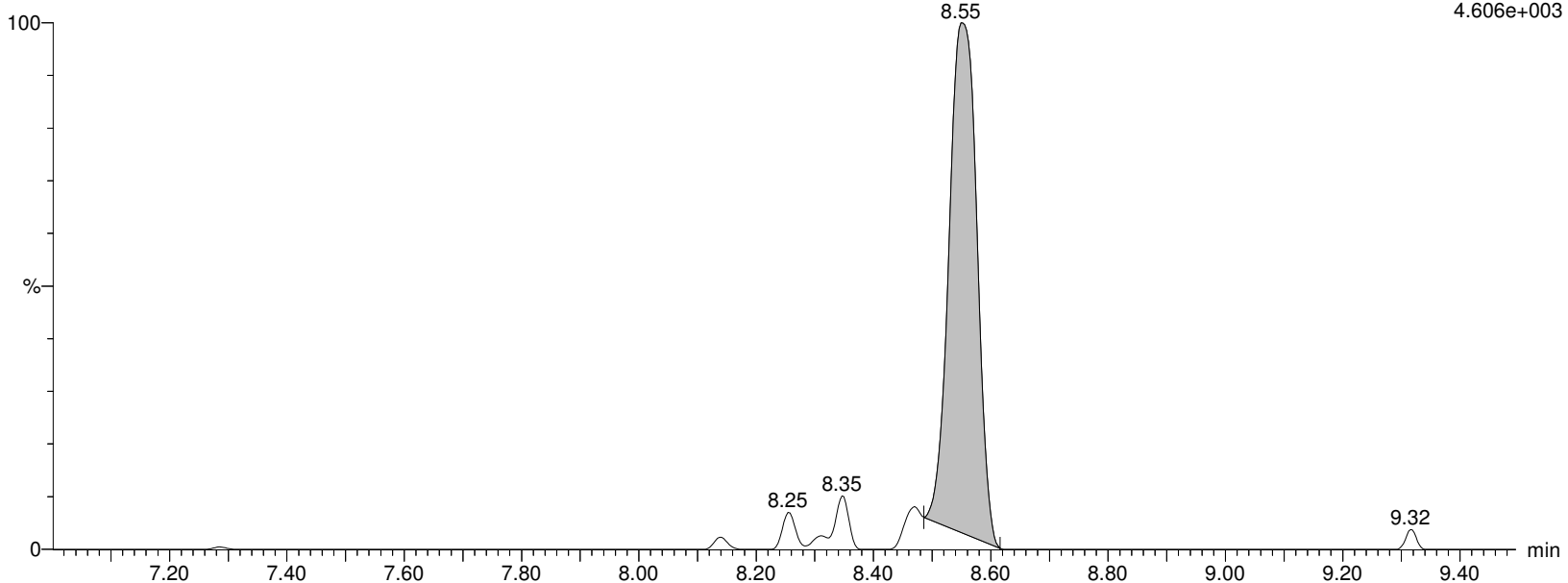
I3773 Smooth(Mn,3x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F18:MRM of 2 channels,ES-

398.926 > 99.2

4.606e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxS

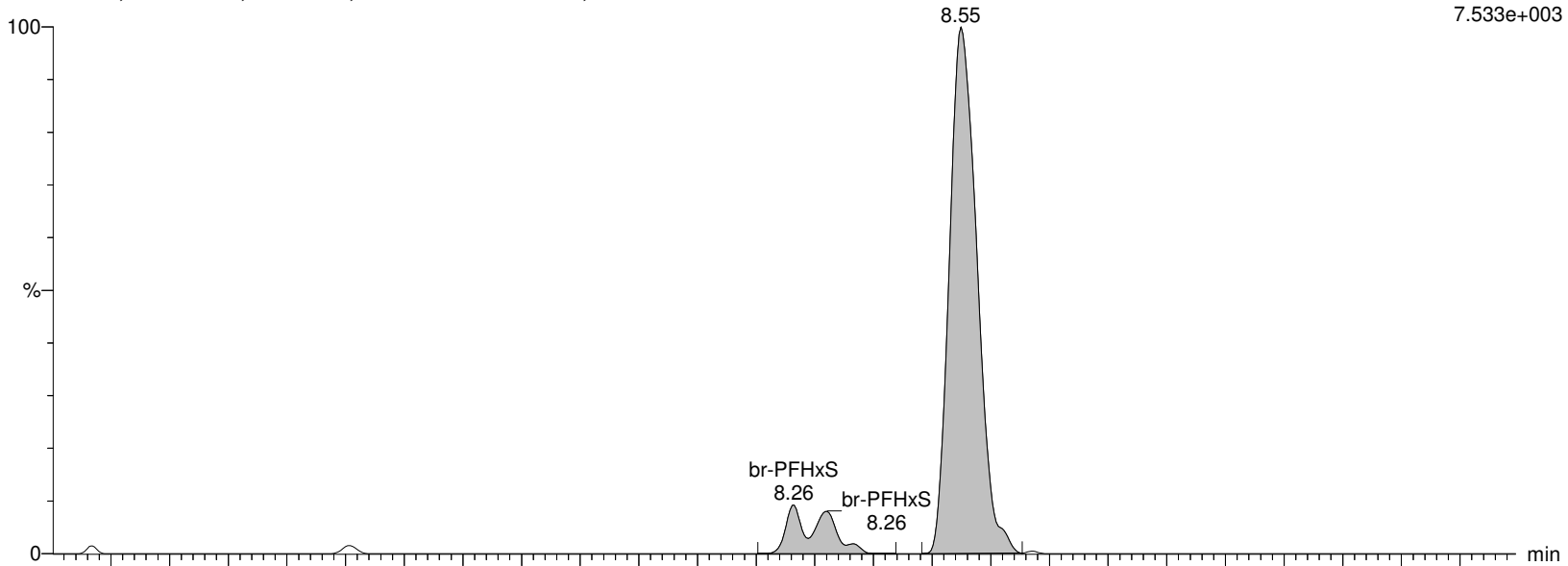
I3773 Smooth(Mn,3x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F18:MRM of 2 channels,ES-

398.926 > 80.295

7.533e+003



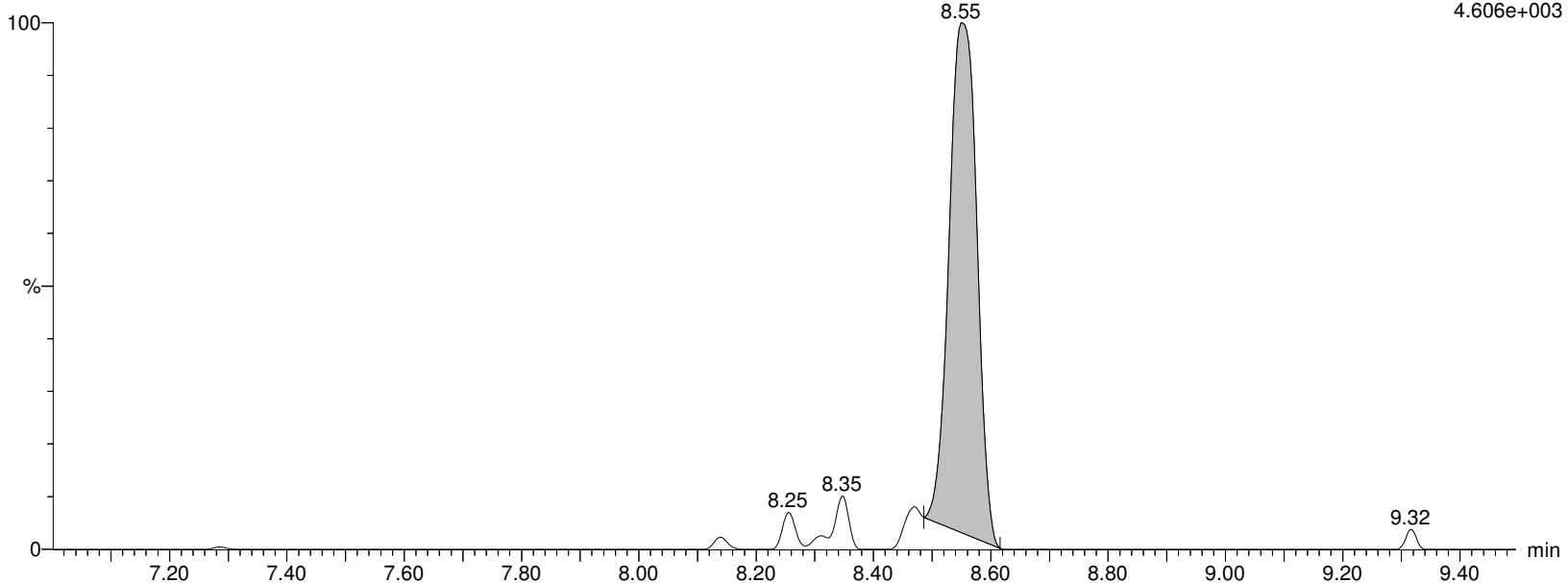
I3773 Smooth(Mn,3x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F18:MRM of 2 channels,ES-

398.926 > 99.2

4.606e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFHxS

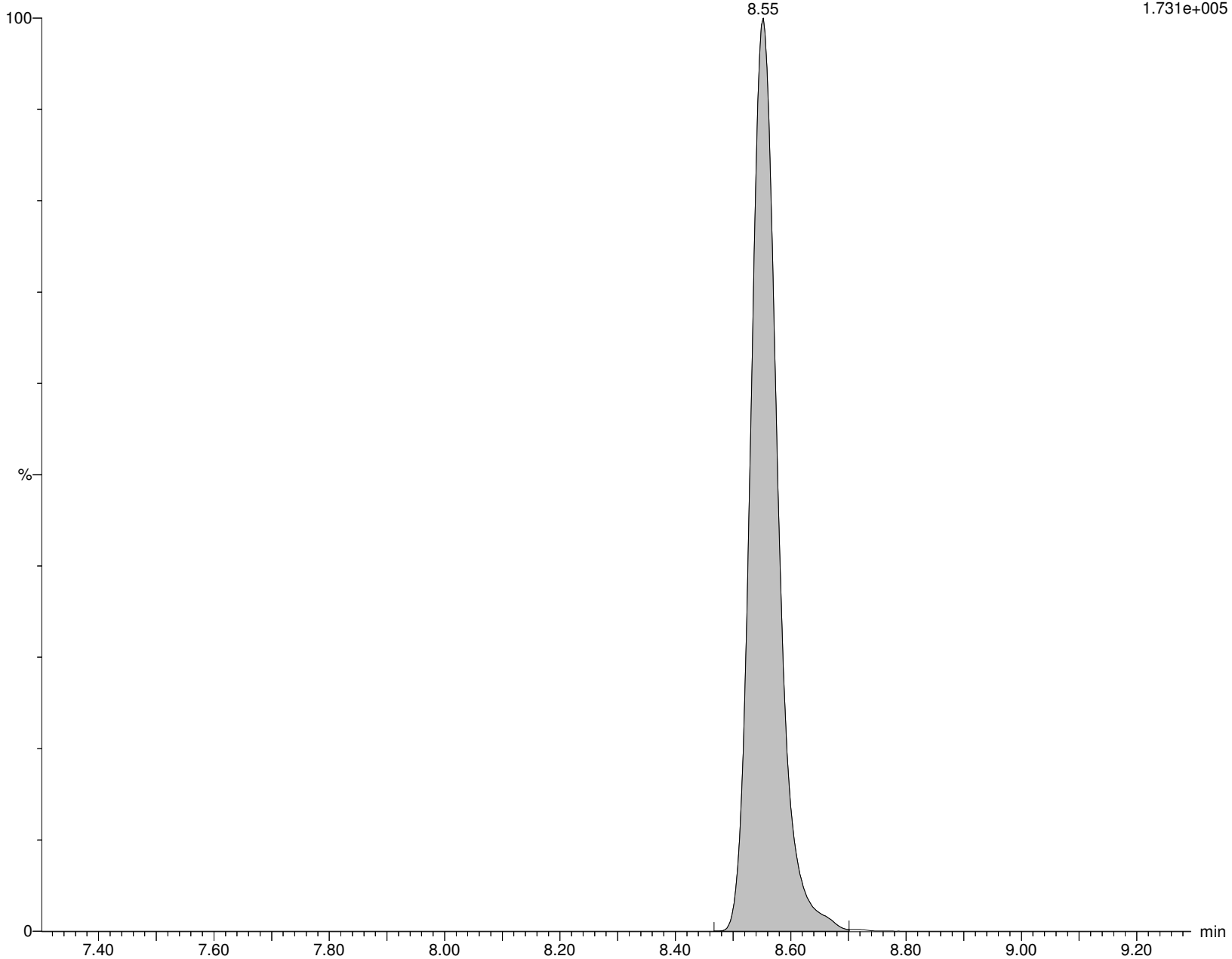
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F19:MRM of 1 channel,ES-

401.926 > 80.317

1.731e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOA

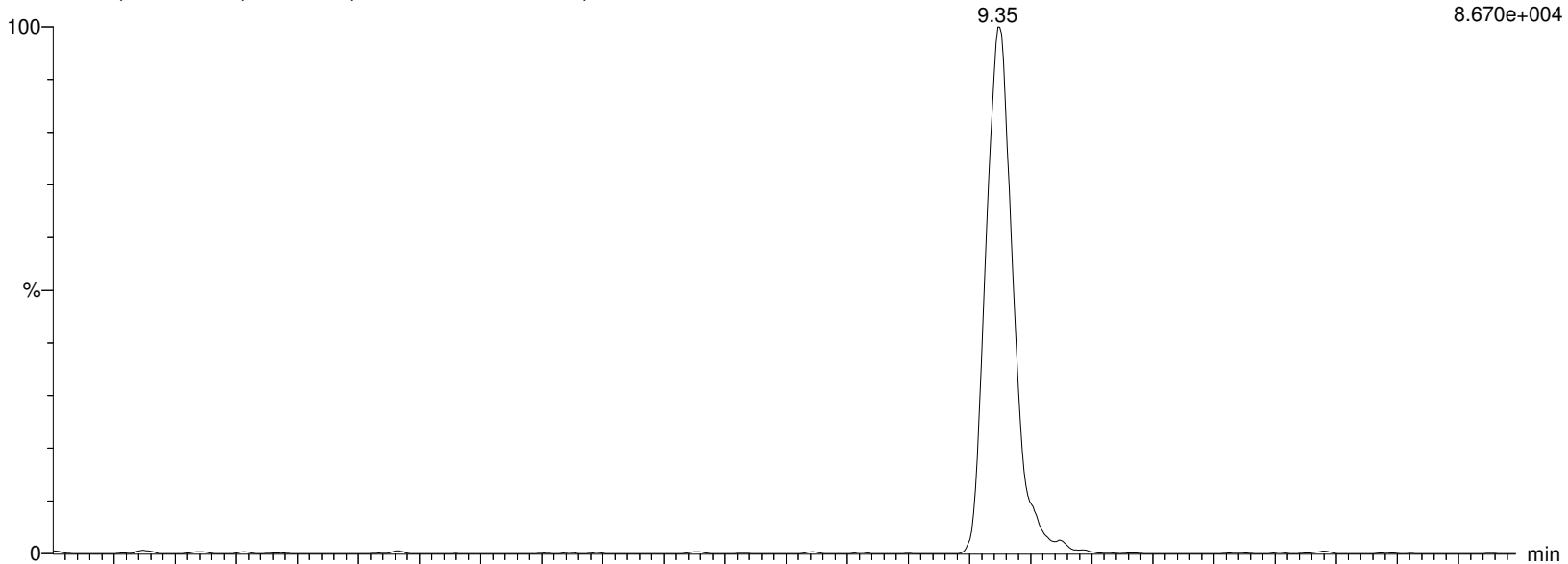
I3773 Smooth(Mn,2x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F20:MRM of 2 channels,ES-

412.989 > 368.9

8.670e+004



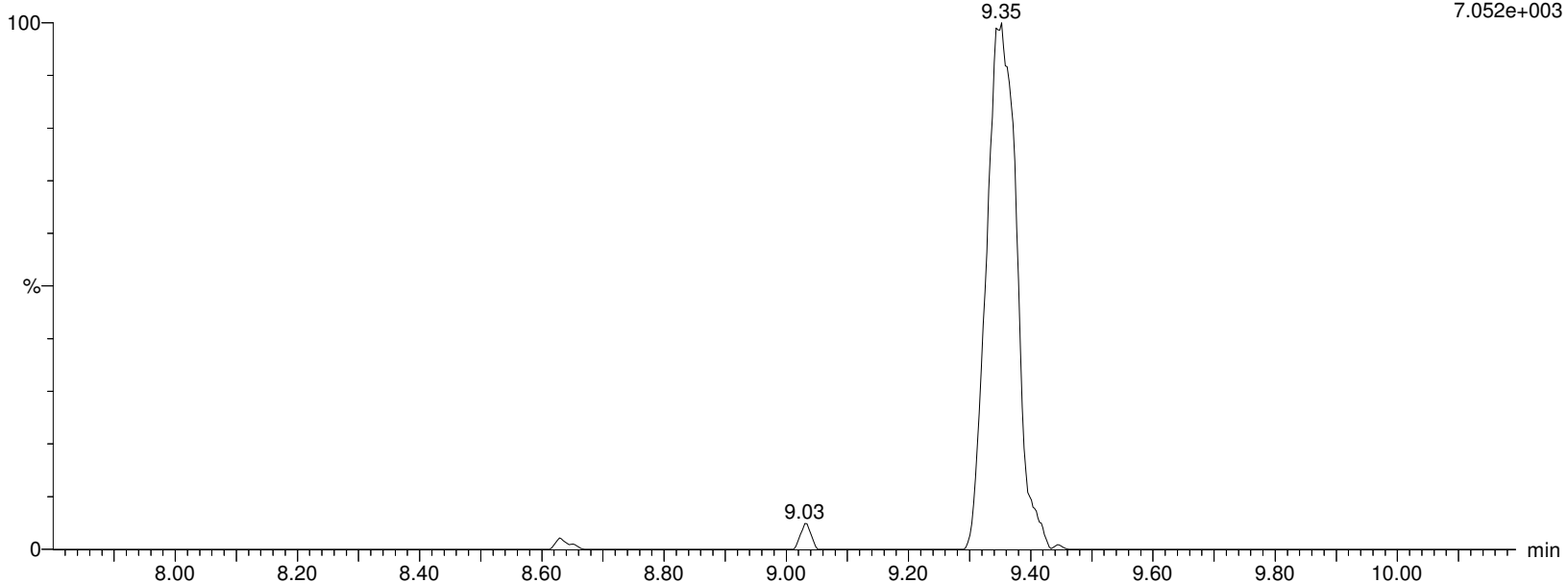
I3773 Smooth(Mn,2x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F20:MRM of 2 channels,ES-

412.989 > 219.08

7.052e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOA

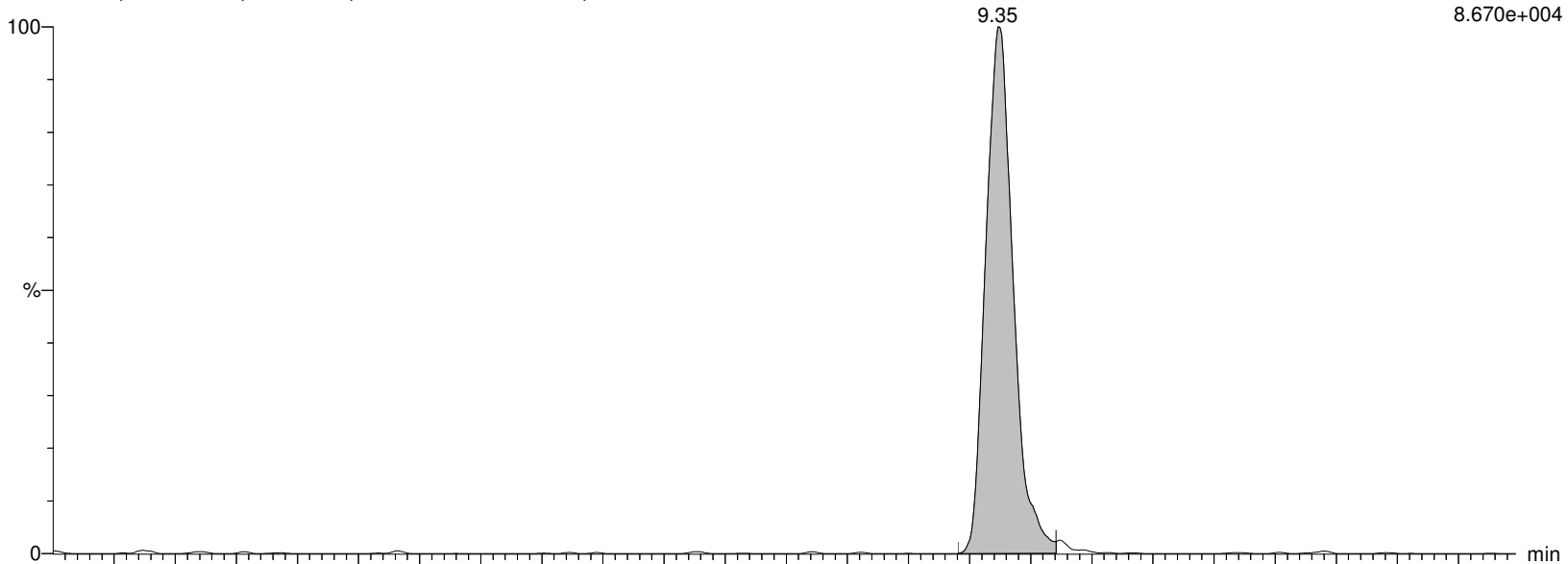
I3773 Smooth(Mn,2x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F20:MRM of 2 channels,ES-

412.989 > 368.9

8.670e+004



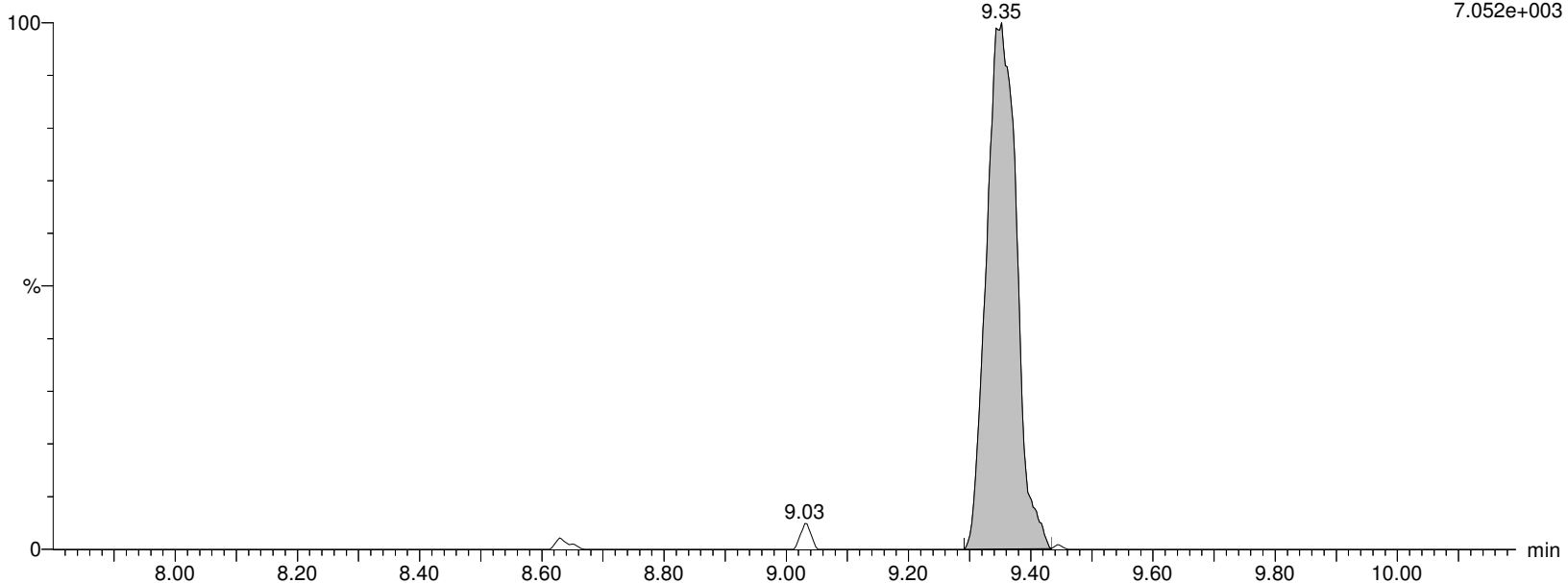
I3773 Smooth(Mn,2x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F20:MRM of 2 channels,ES-

412.989 > 219.08

7.052e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFOA

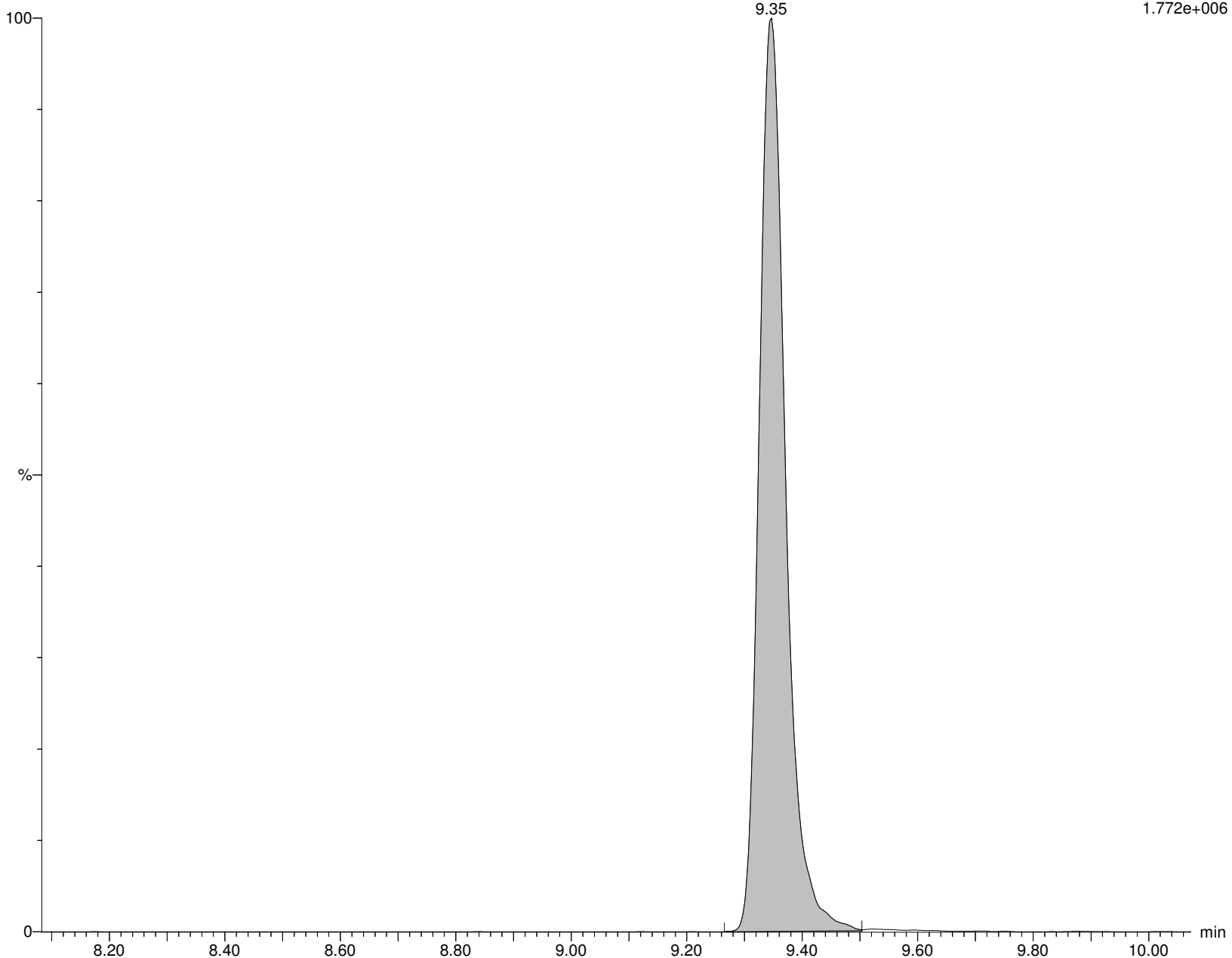
I3773 Smooth(Mn,2x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F21:MRM of 1 channel,ES-

415.032 > 369.968

1.772e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOA

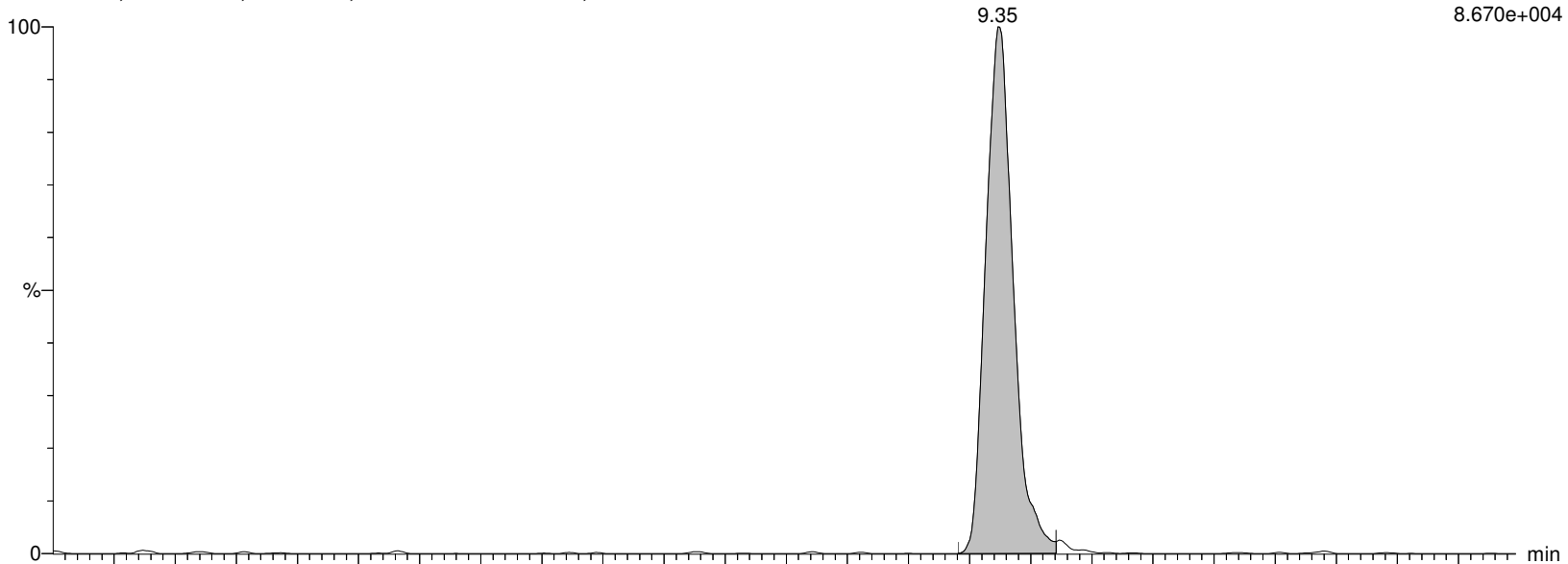
I3773 Smooth(Mn,2x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F20:MRM of 2 channels,ES-

412.989 > 368.9

8.670e+004



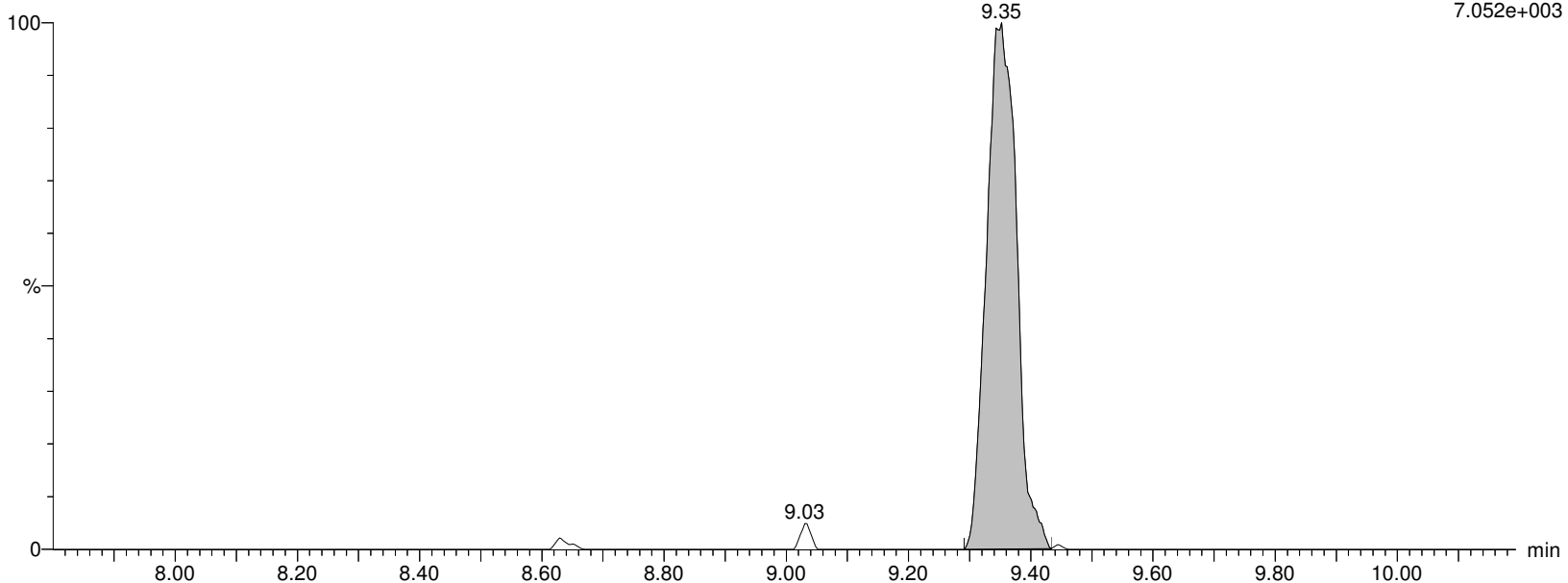
I3773 Smooth(Mn,2x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F20:MRM of 2 channels,ES-

412.989 > 219.08

7.052e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOA

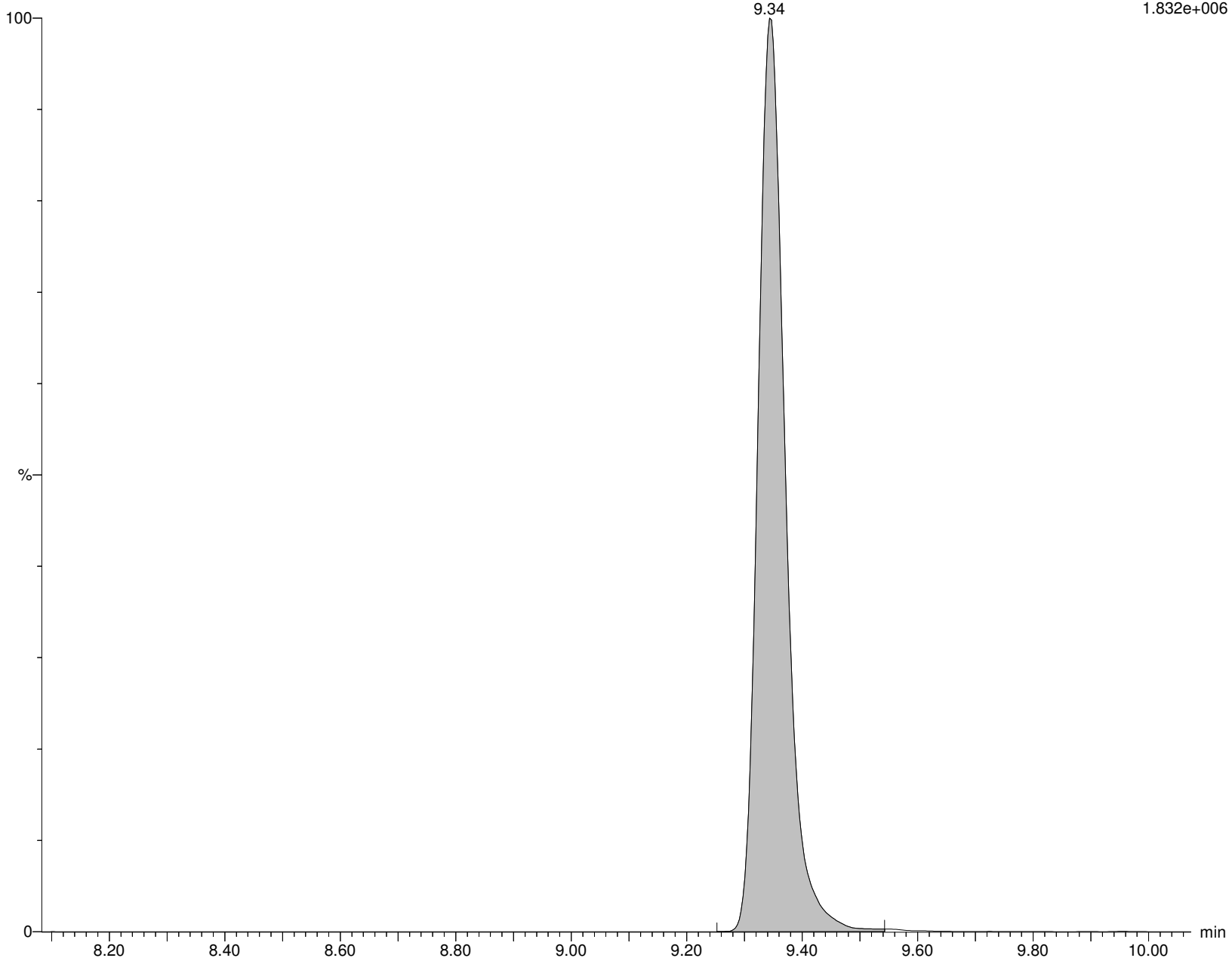
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F22:MRM of 1 channel,ES-

420.989 > 375.979

1.832e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

6:2FTS

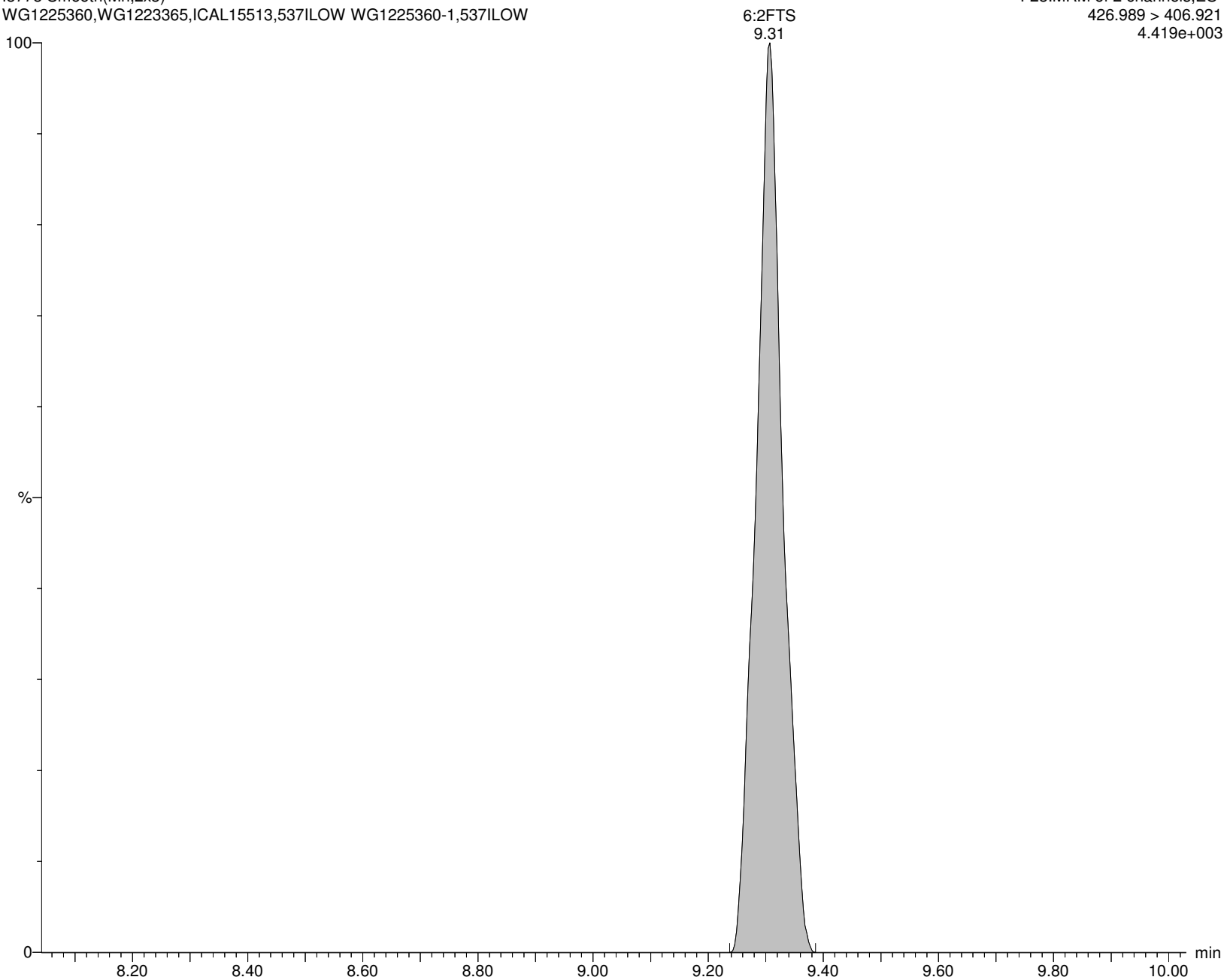
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F23:MRM of 2 channels,ES-

426.989 > 406.921

4.419e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-6:2FTS

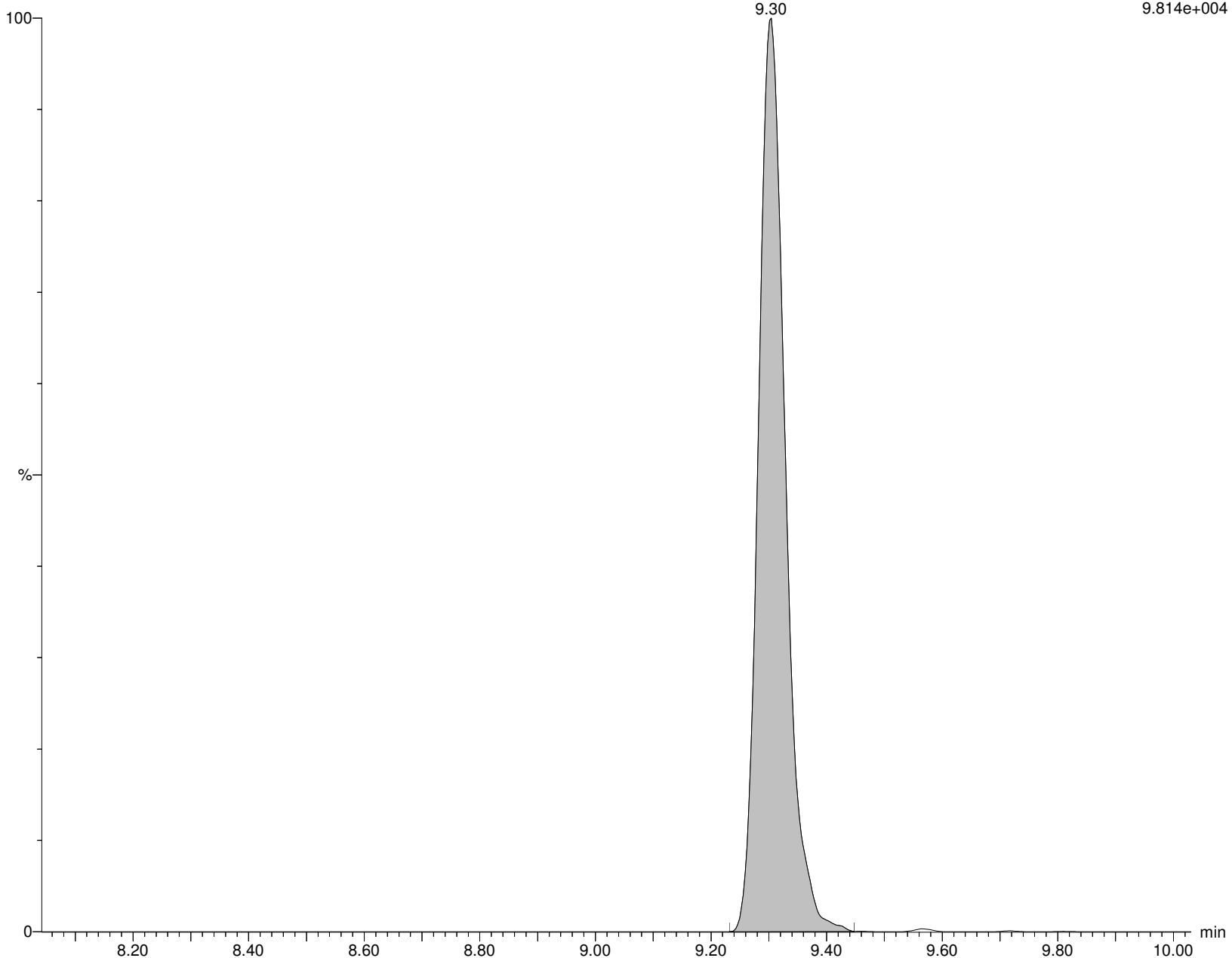
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F24:MRM of 1 channel,ES-

428.989 > 408.917

9.814e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpS

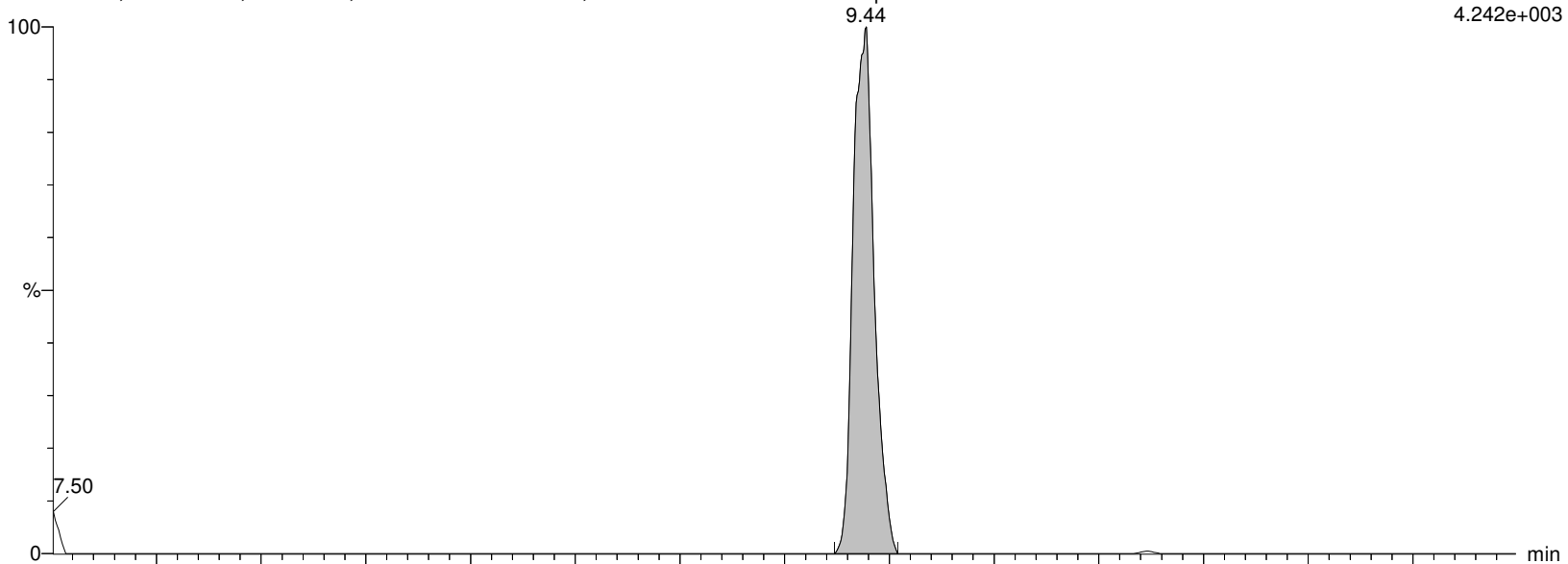
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F25:MRM of 2 channels,ES-

448.926 > 80.257

4.242e+003



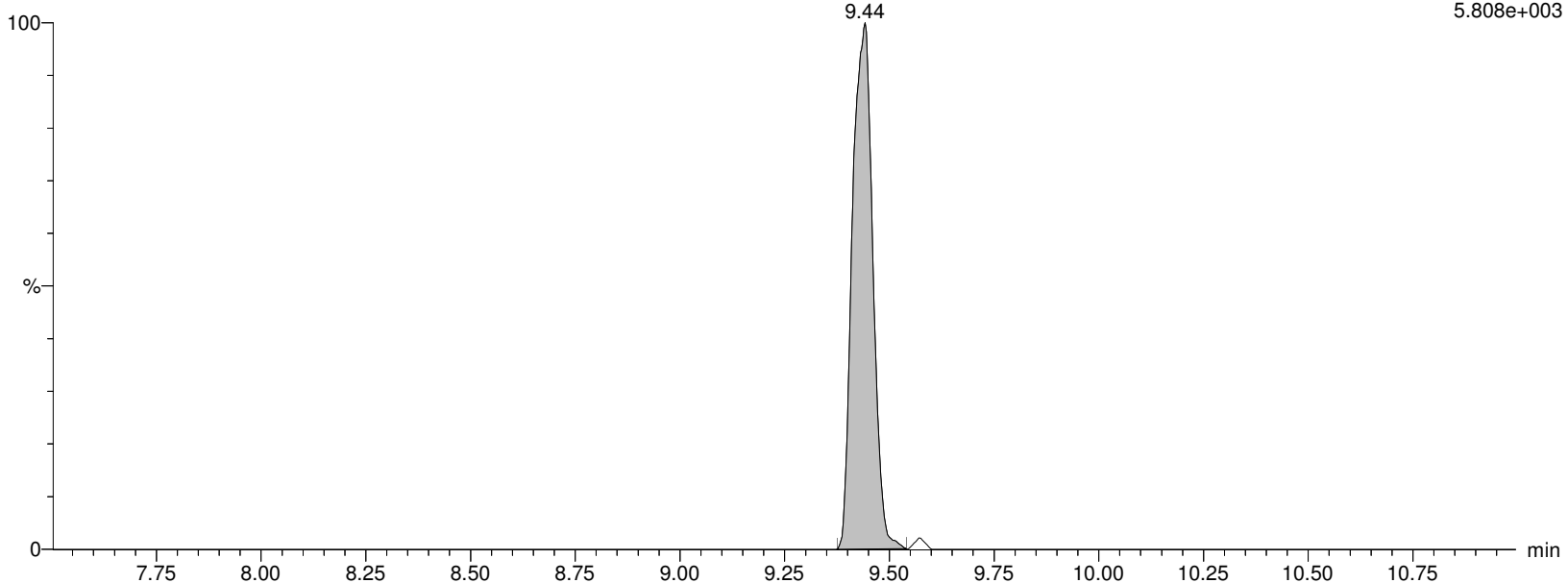
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F25:MRM of 2 channels,ES-

448.926 > 99.22

5.808e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNA

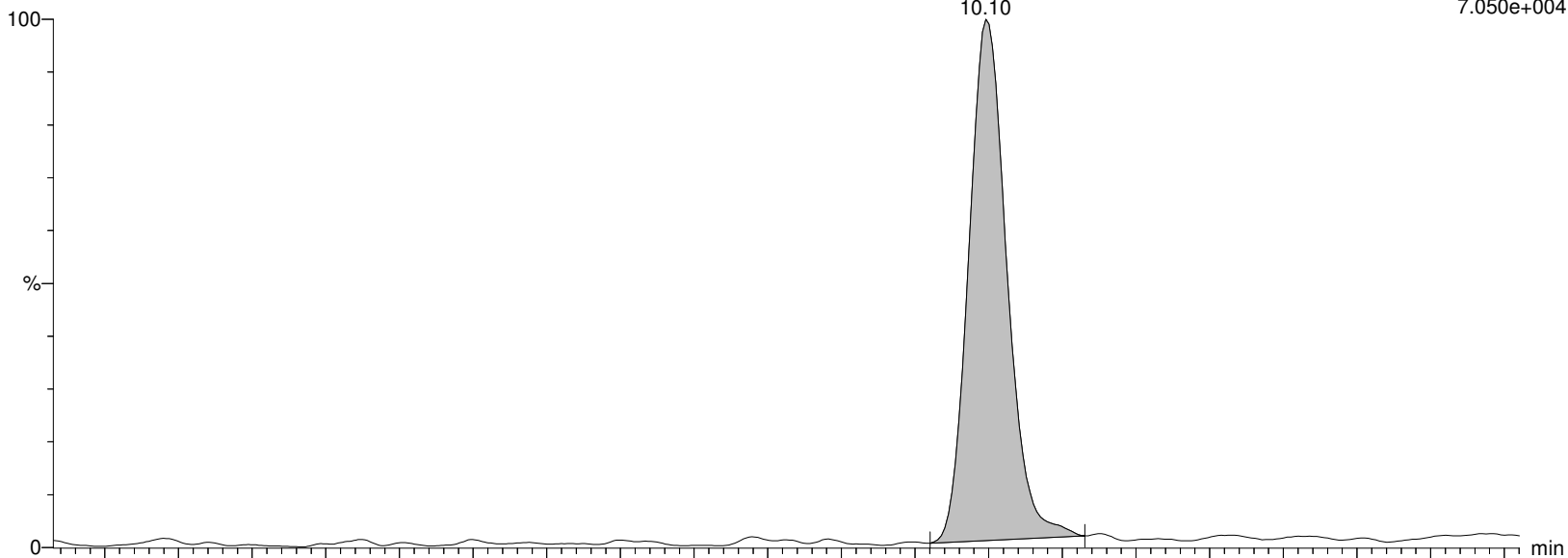
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F26:MRM of 2 channels,ES-

462.989 > 418.931

7.050e+004



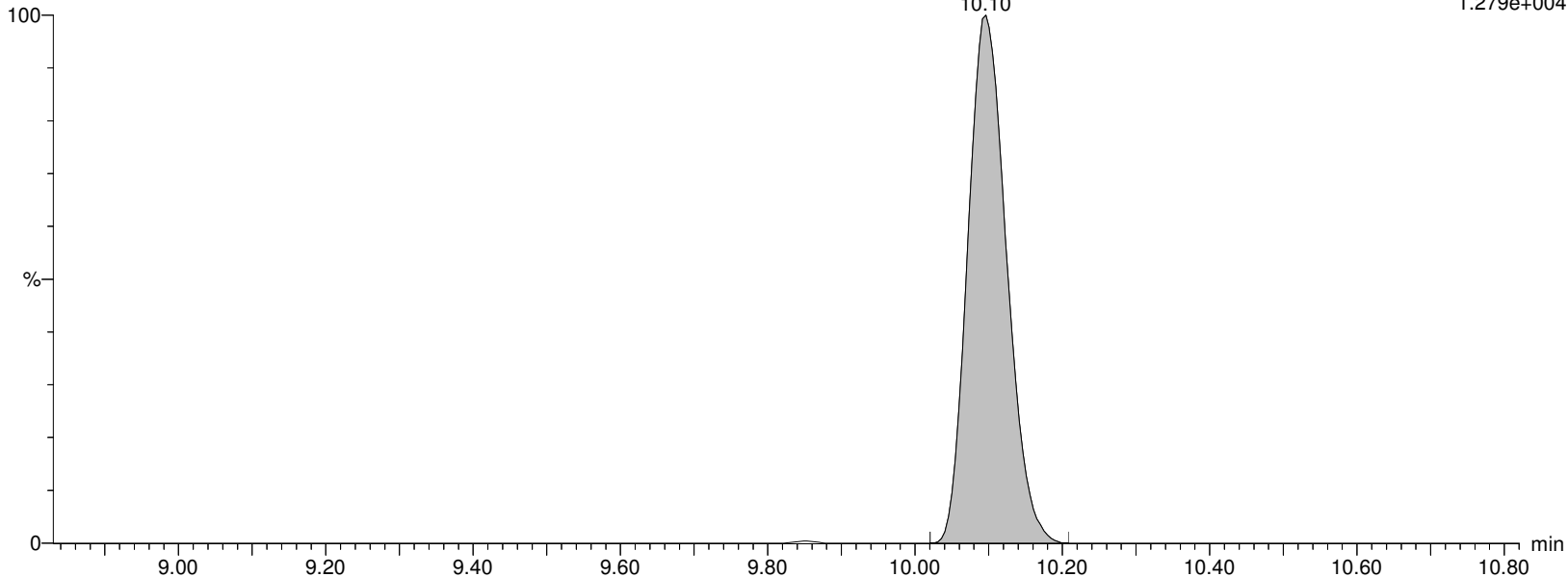
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F26:MRM of 2 channels,ES-

462.989 > 219.04

1.279e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773**ID: WG1225360-1,537ILOW****Date: 11-Apr-2019****Time: 09:41:37****Description: WG1225360,WG1223365,ICAL15513,537ILOW****User: LCMS02:JW****Vial: 2:A,2****Instrument: XEVO-TQSmicro#QEB0050****Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B****Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR****MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP****M9PFNA**

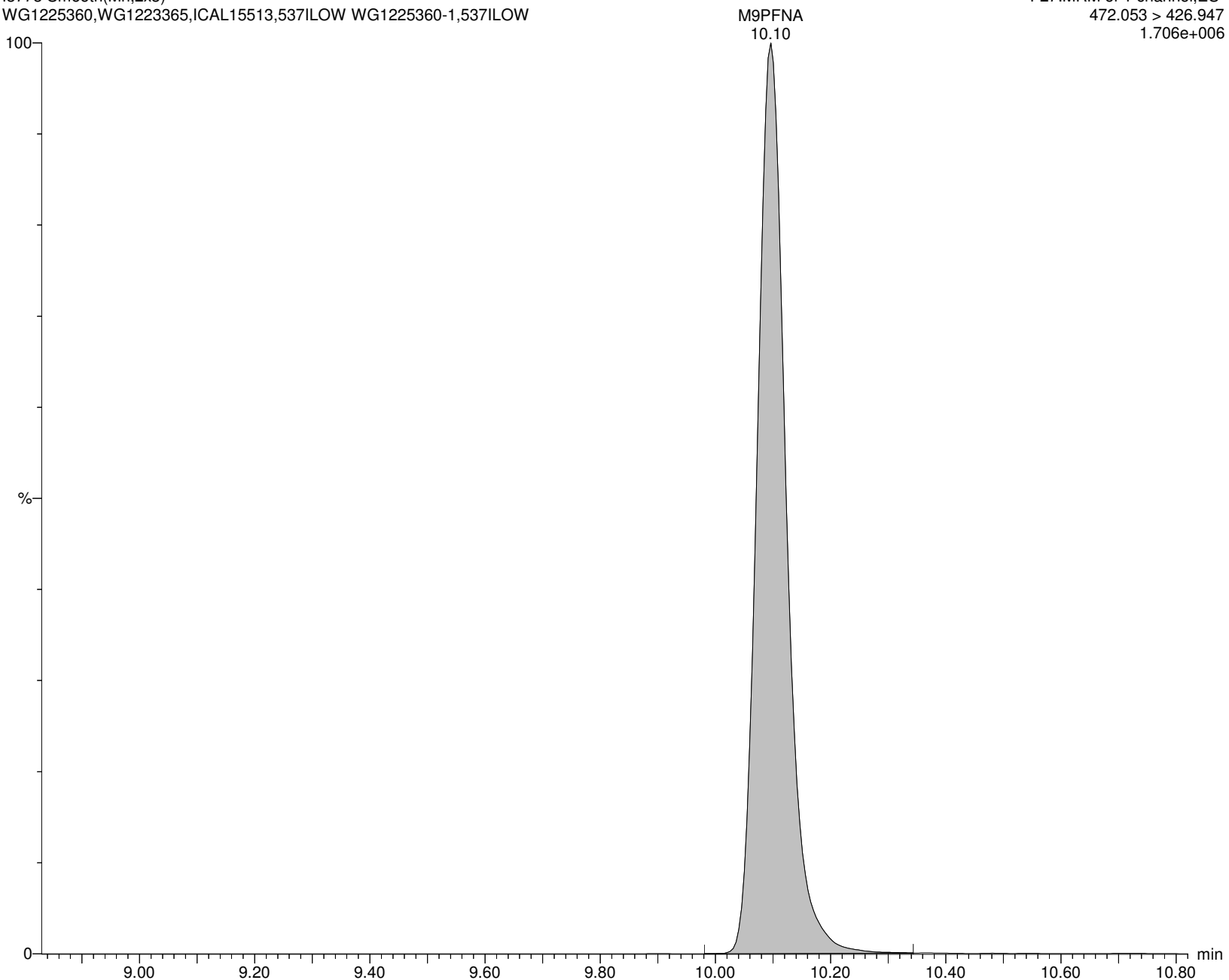
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F27:MRM of 1 channel,ES-

472.053 > 426.947

1.706e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOS

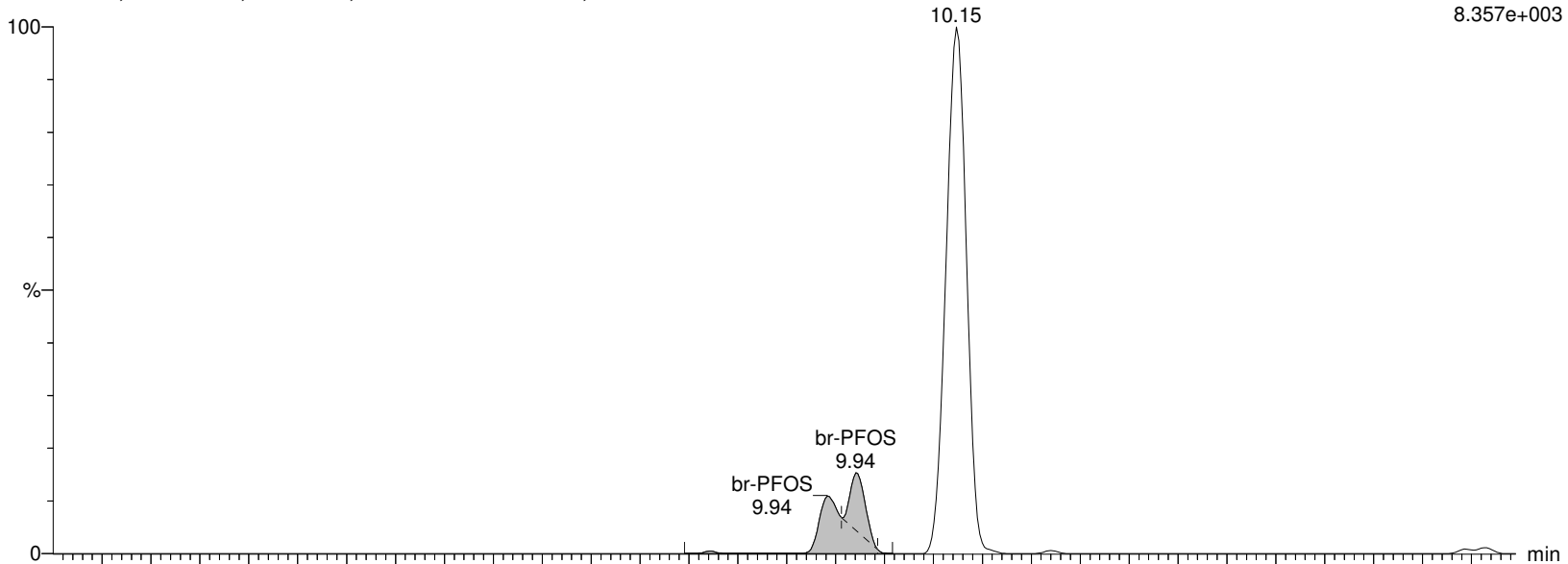
I3773 Smooth(Mn,3x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F29:MRM of 2 channels,ES-

498.989 > 80.294

8.357e+003



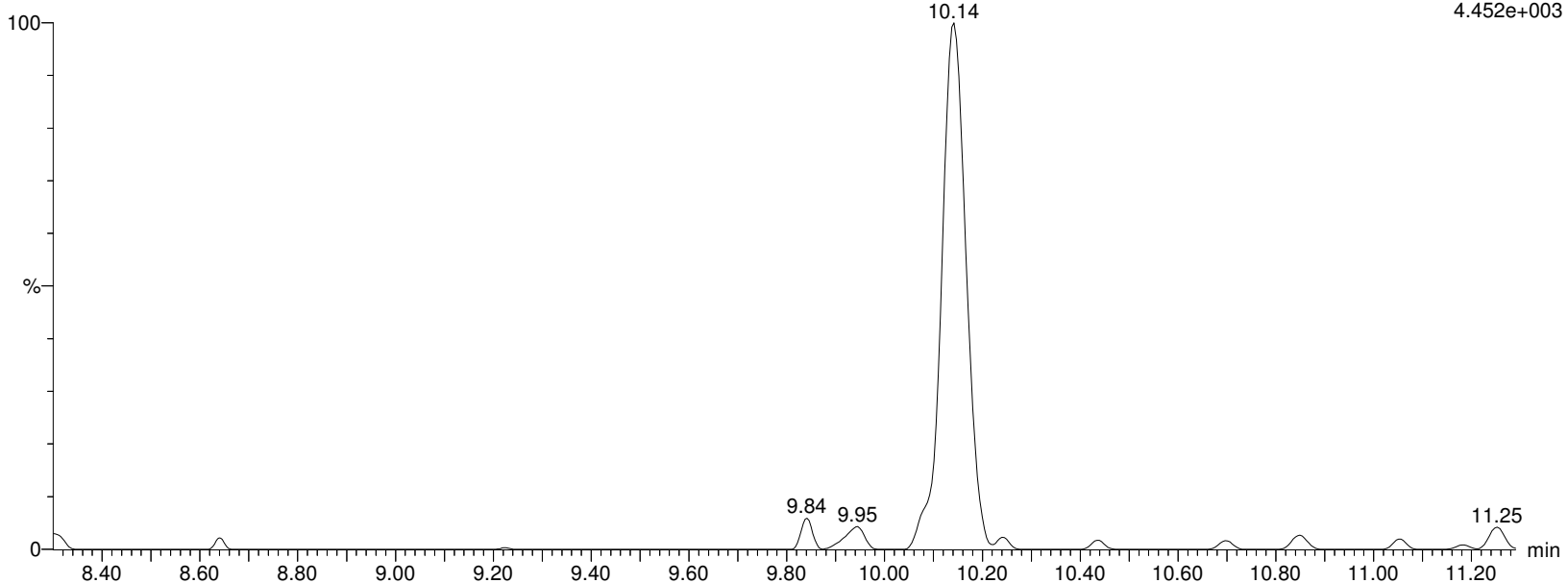
I3773 Smooth(Mn,3x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F29:MRM of 2 channels,ES-

498.989 > 99.27

4.452e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOS

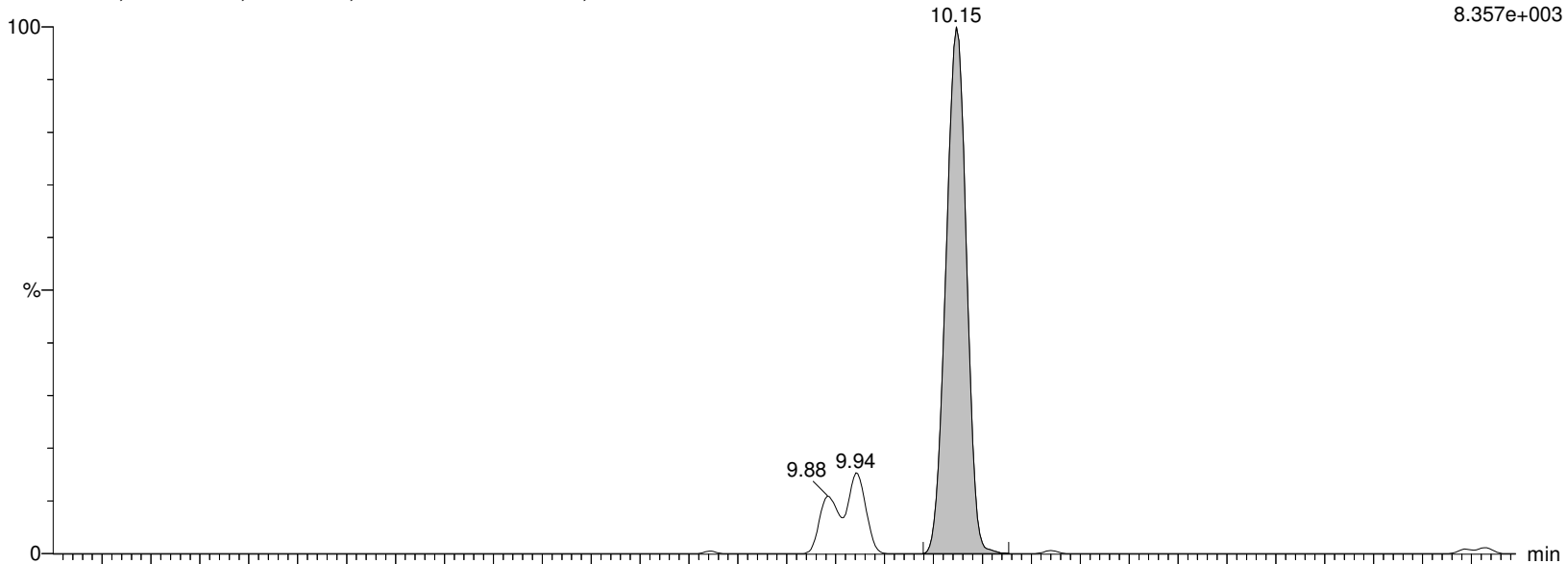
I3773 Smooth(Mn,3x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F29:MRM of 2 channels,ES-

498.989 > 80.294

8.357e+003



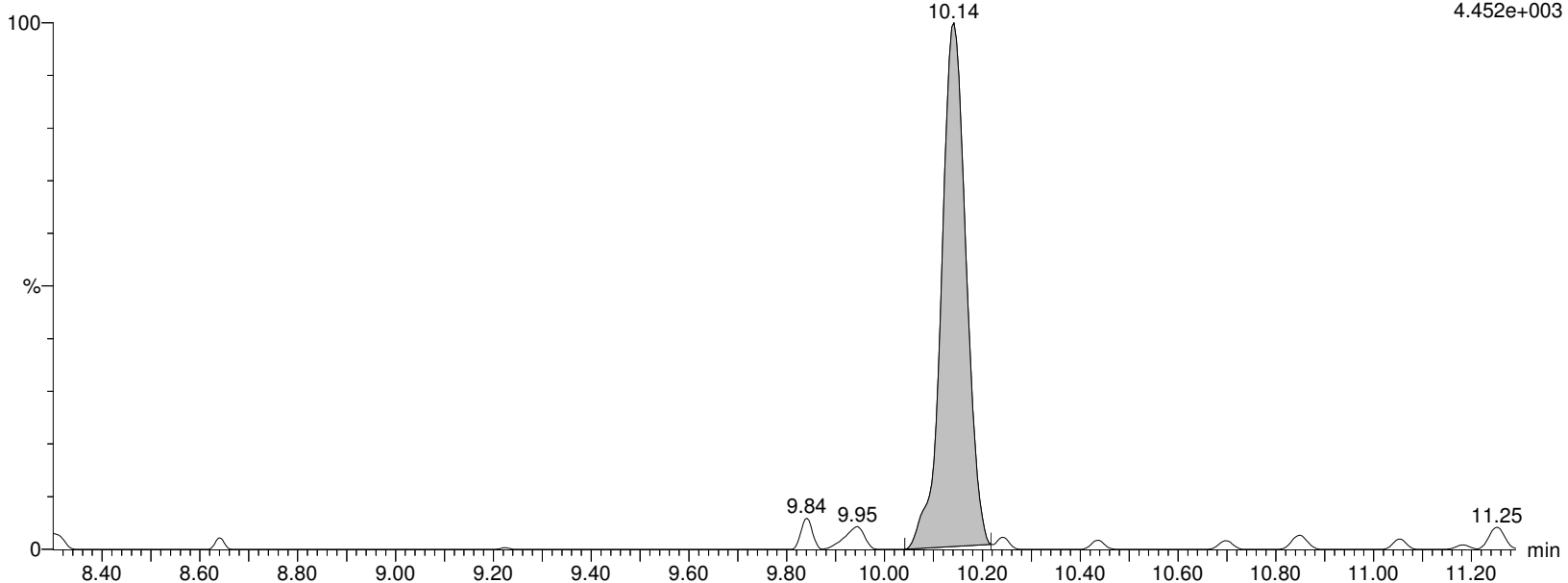
I3773 Smooth(Mn,3x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F29:MRM of 2 channels,ES-

498.989 > 99.27

4.452e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOS

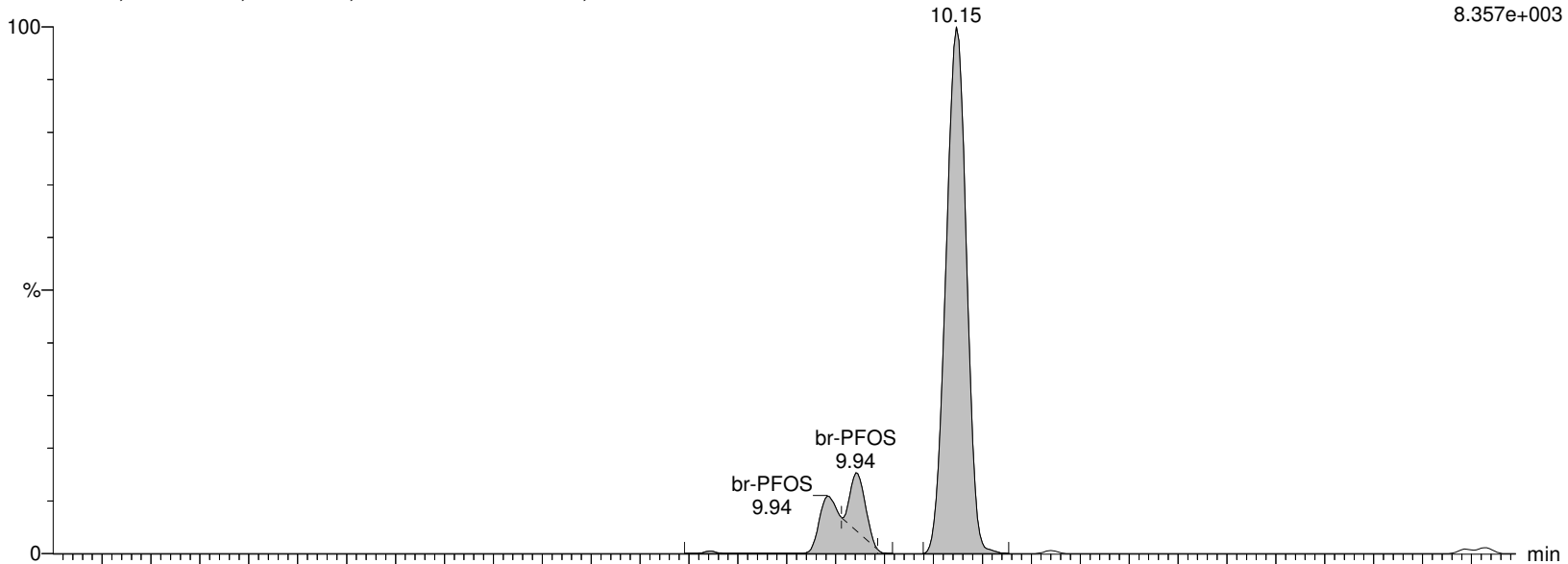
I3773 Smooth(Mn,3x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F29:MRM of 2 channels,ES-

498.989 > 80.294

8.357e+003



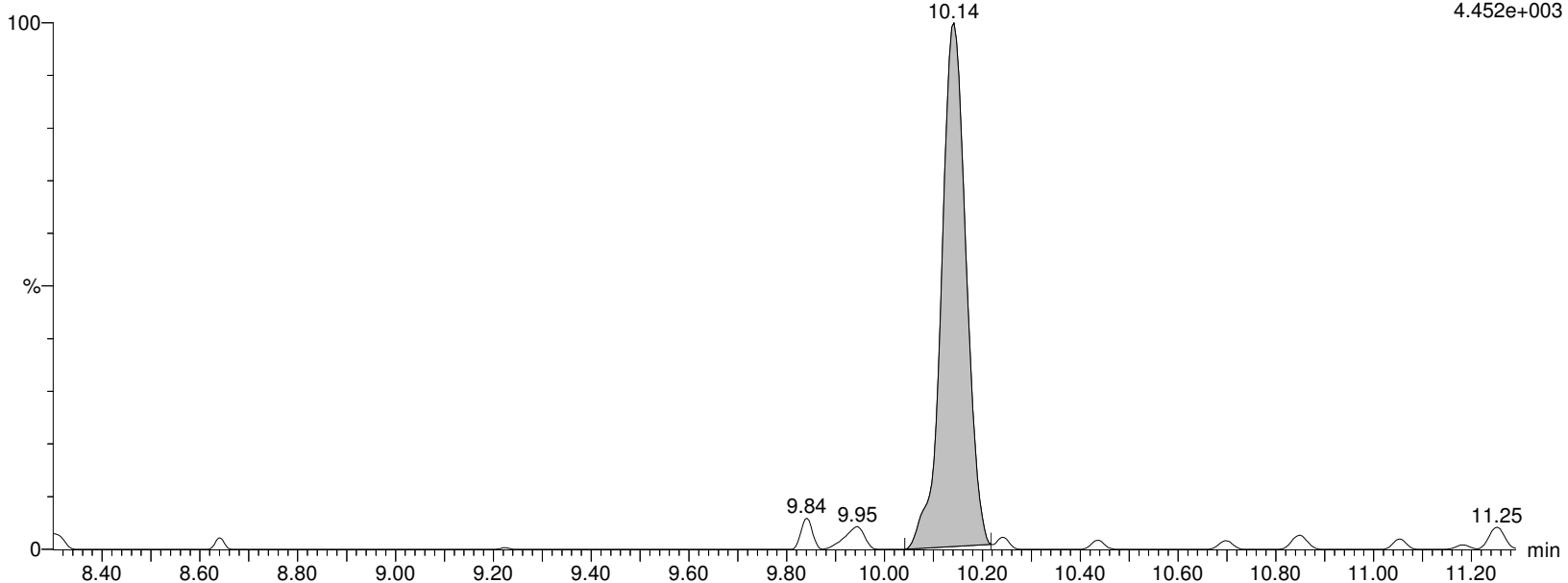
I3773 Smooth(Mn,3x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F29:MRM of 2 channels,ES-

498.989 > 99.27

4.452e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFOS

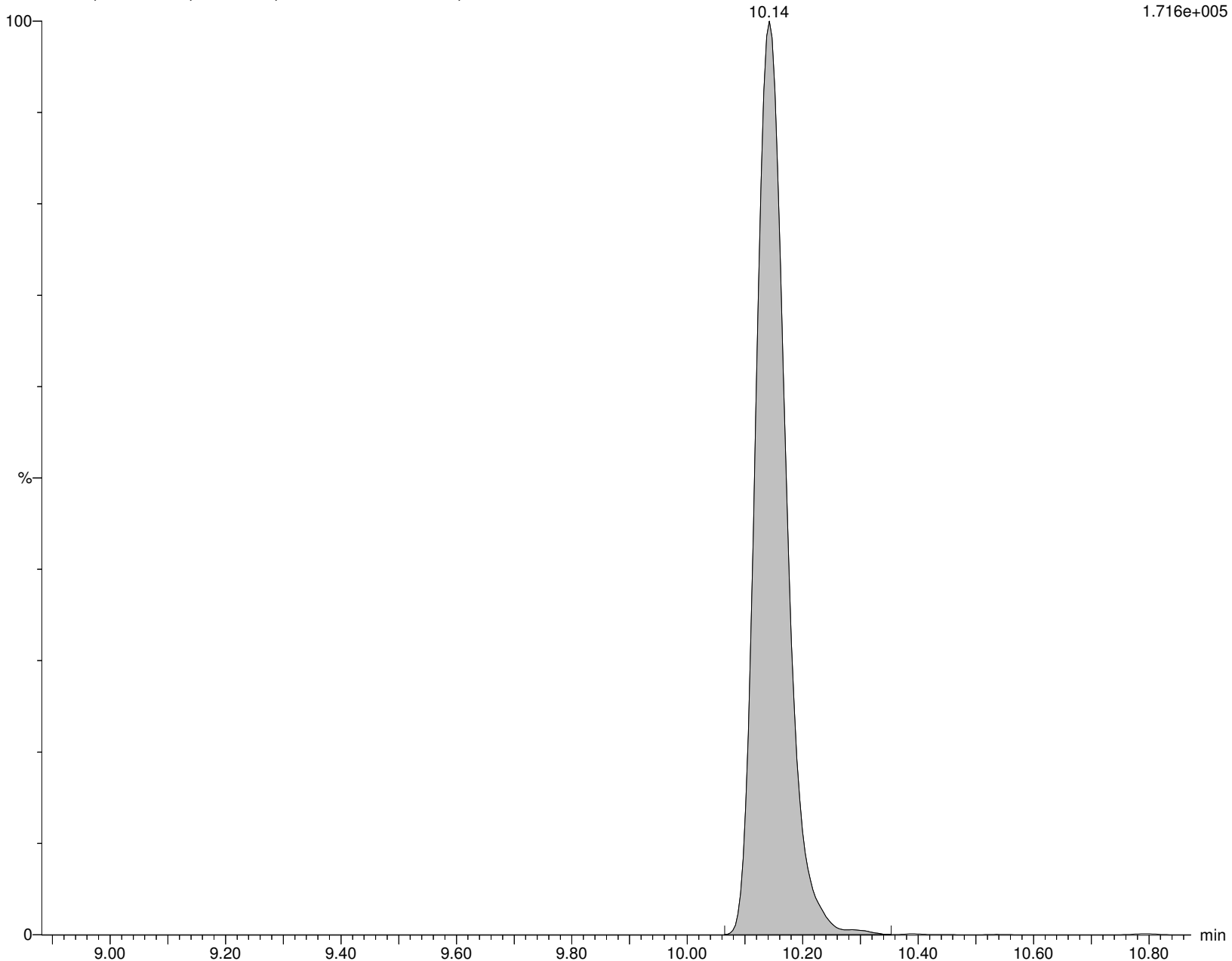
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F30:MRM of 1 channel,ES-

503.032 > 80.306

1.716e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOS

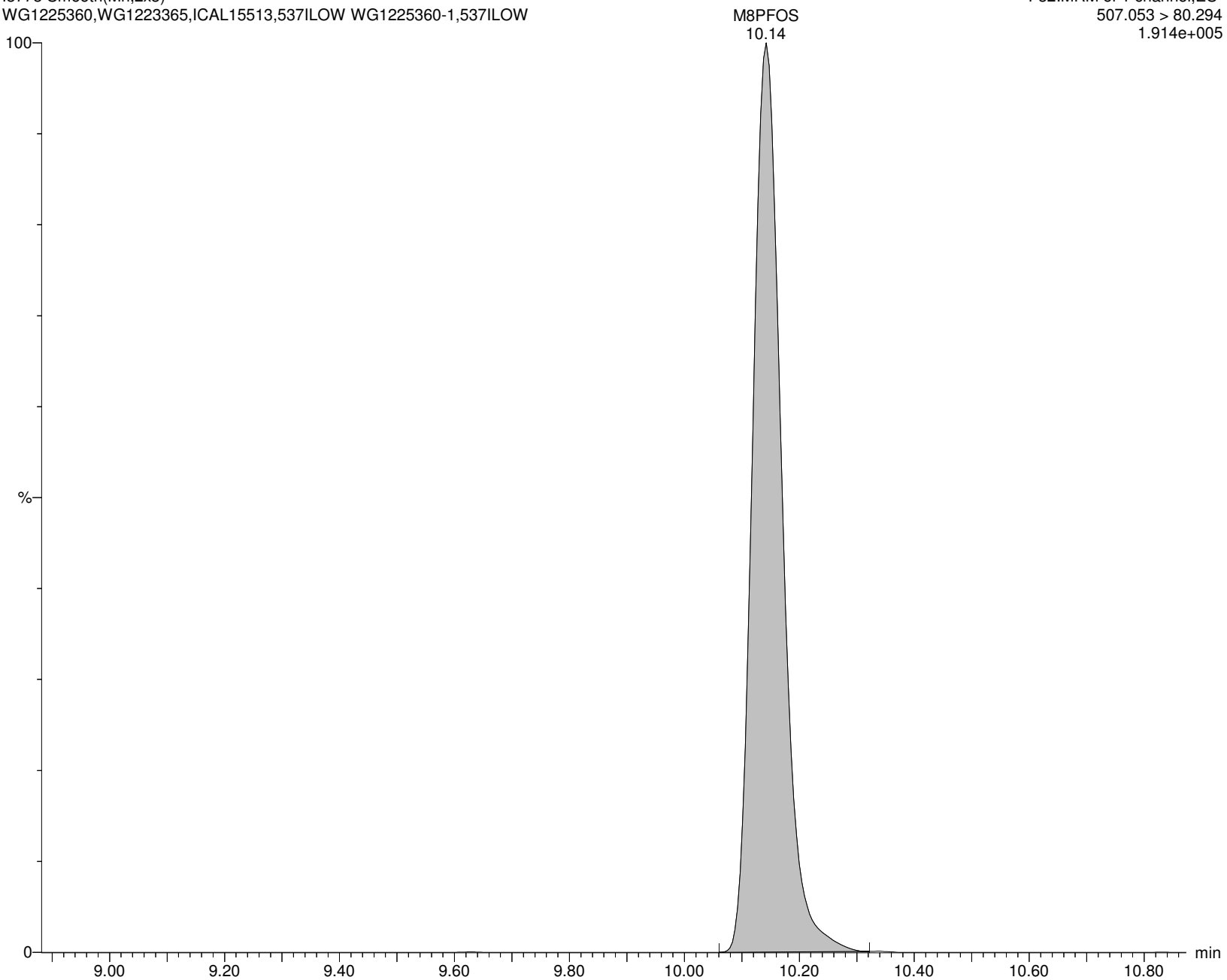
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F32:MRM of 1 channel,ES-

507.053 > 80.294

1.914e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDA

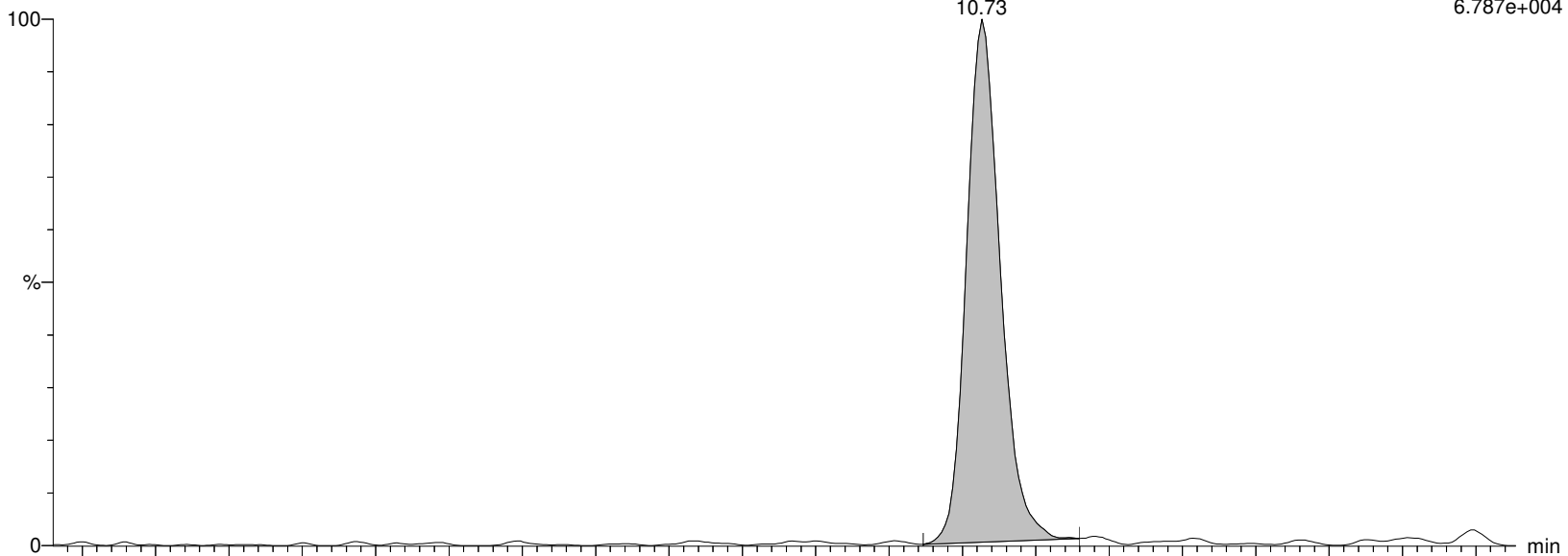
I3773 Smooth(Mn,2x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F33:MRM of 2 channels,ES-

513.053 > 468.906

6.787e+004



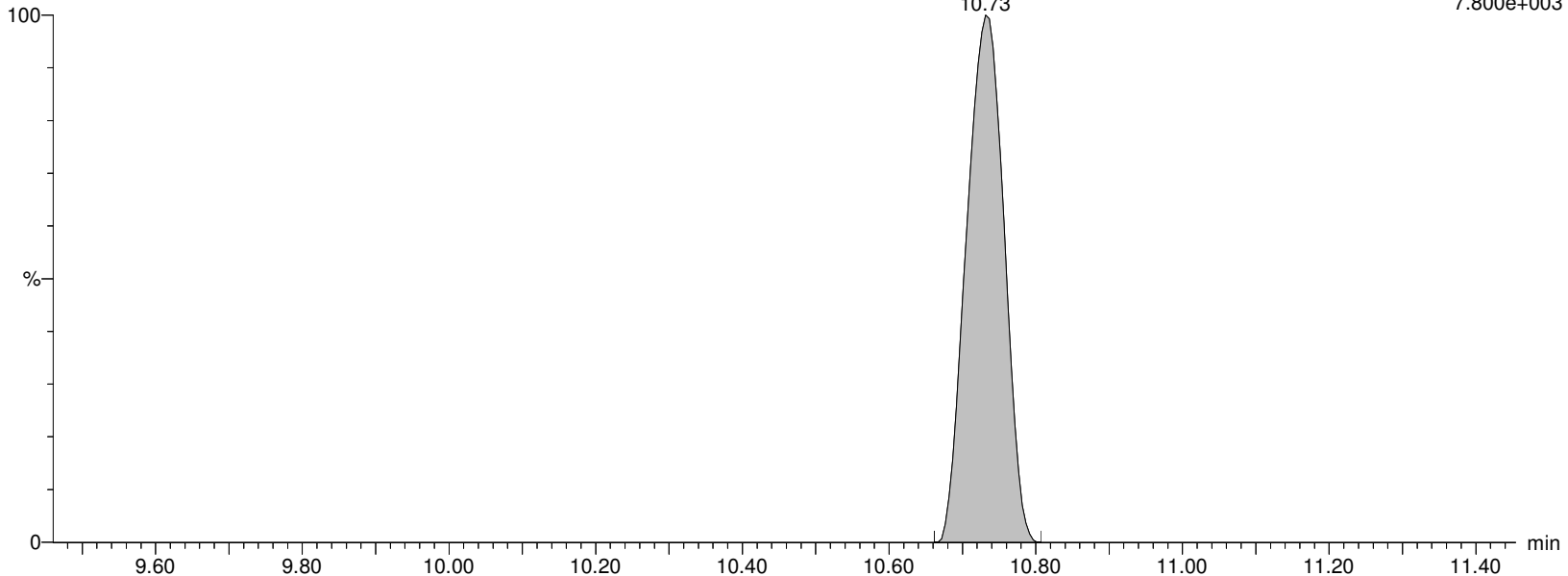
I3773 Smooth(Mn,2x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F33:MRM of 2 channels,ES-

513.053 > 219.08

7.800e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFDA

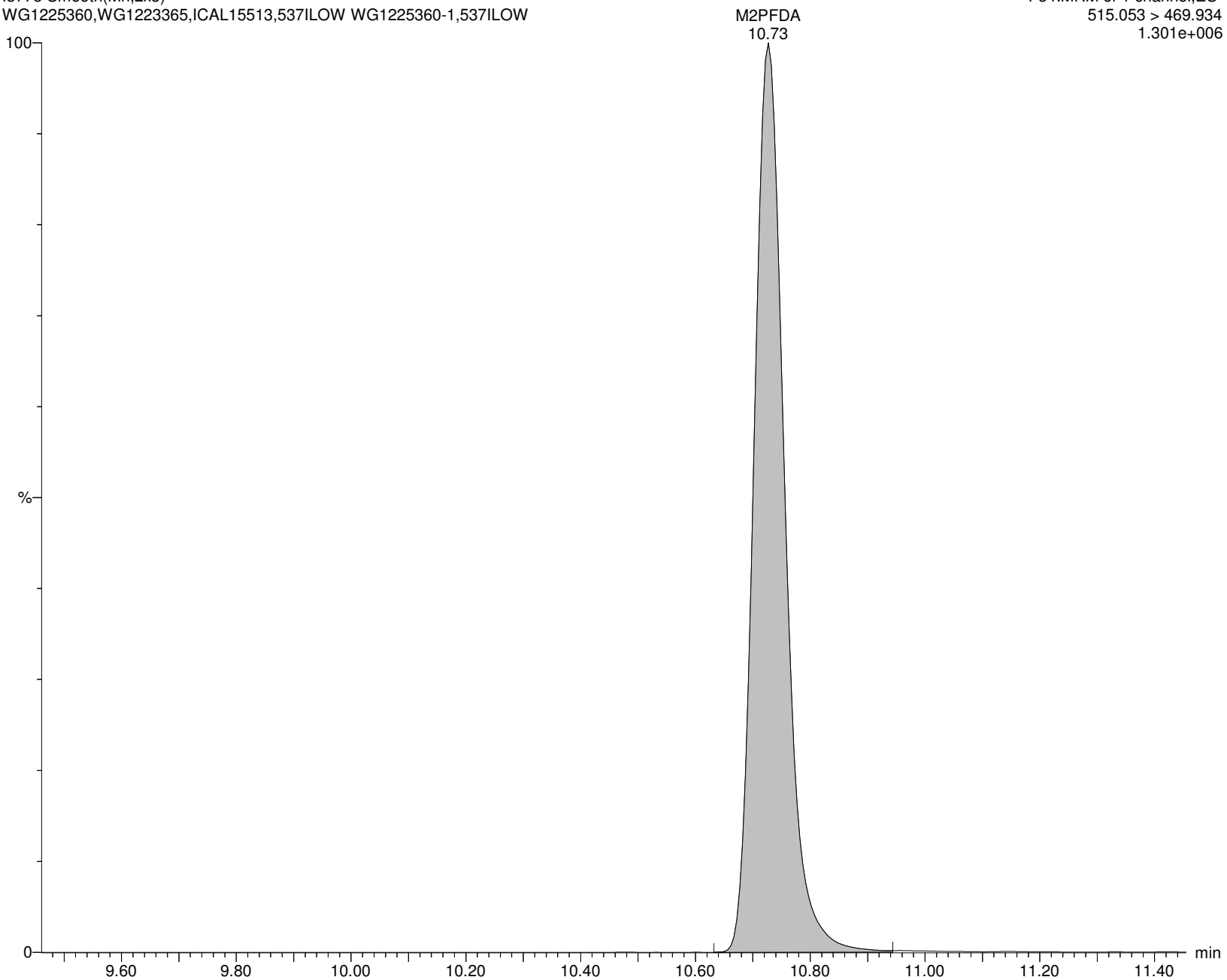
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F34:MRM of 1 channel,ES-

515.053 > 469.934

1.301e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M6PFDA

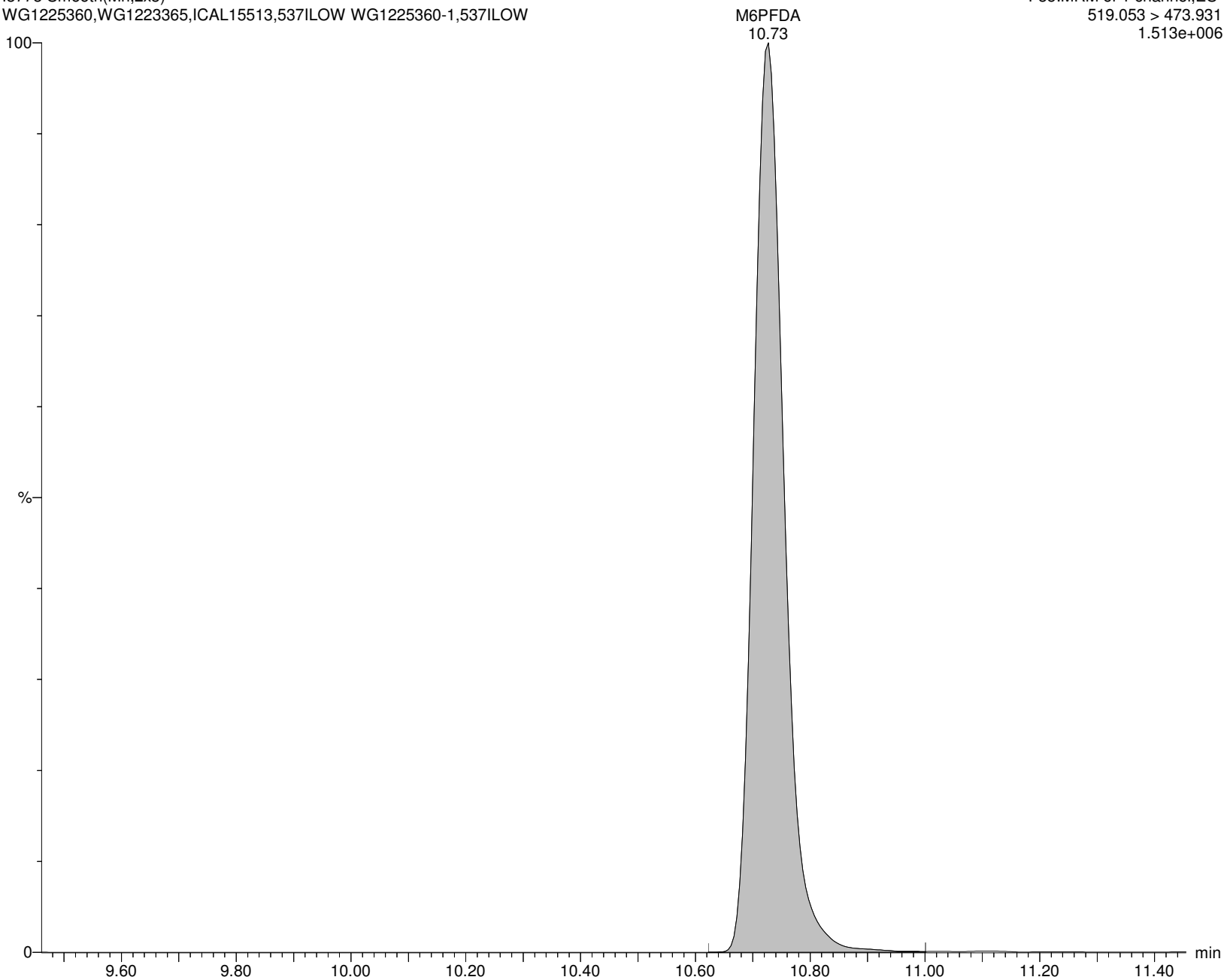
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F35:MRM of 1 channel,ES-

519.053 > 473.931

1.513e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

8:2FTS

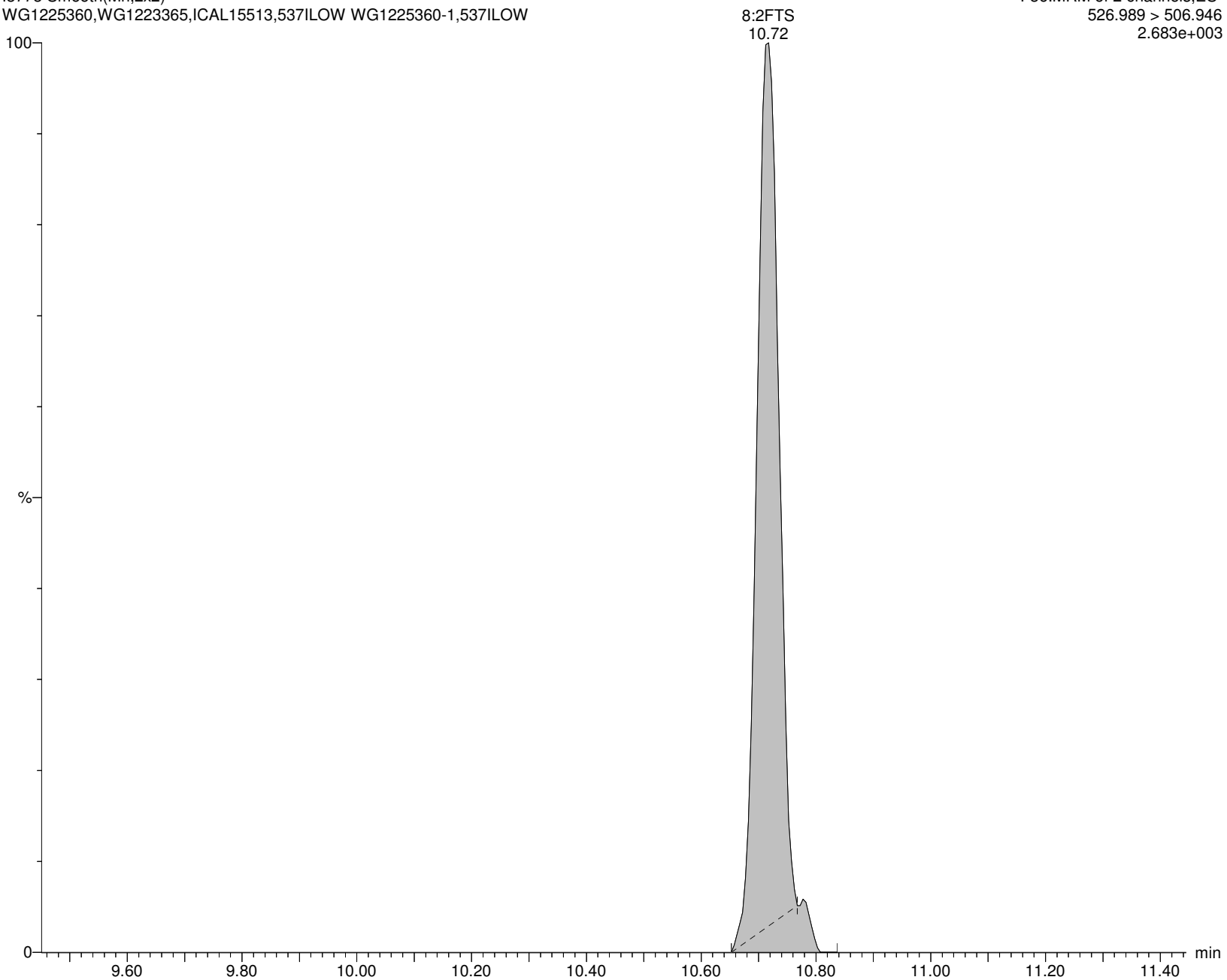
I3773 Smooth(Mn,2x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F36:MRM of 2 channels,ES-

526.989 > 506.946

2.683e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-8:2FTS

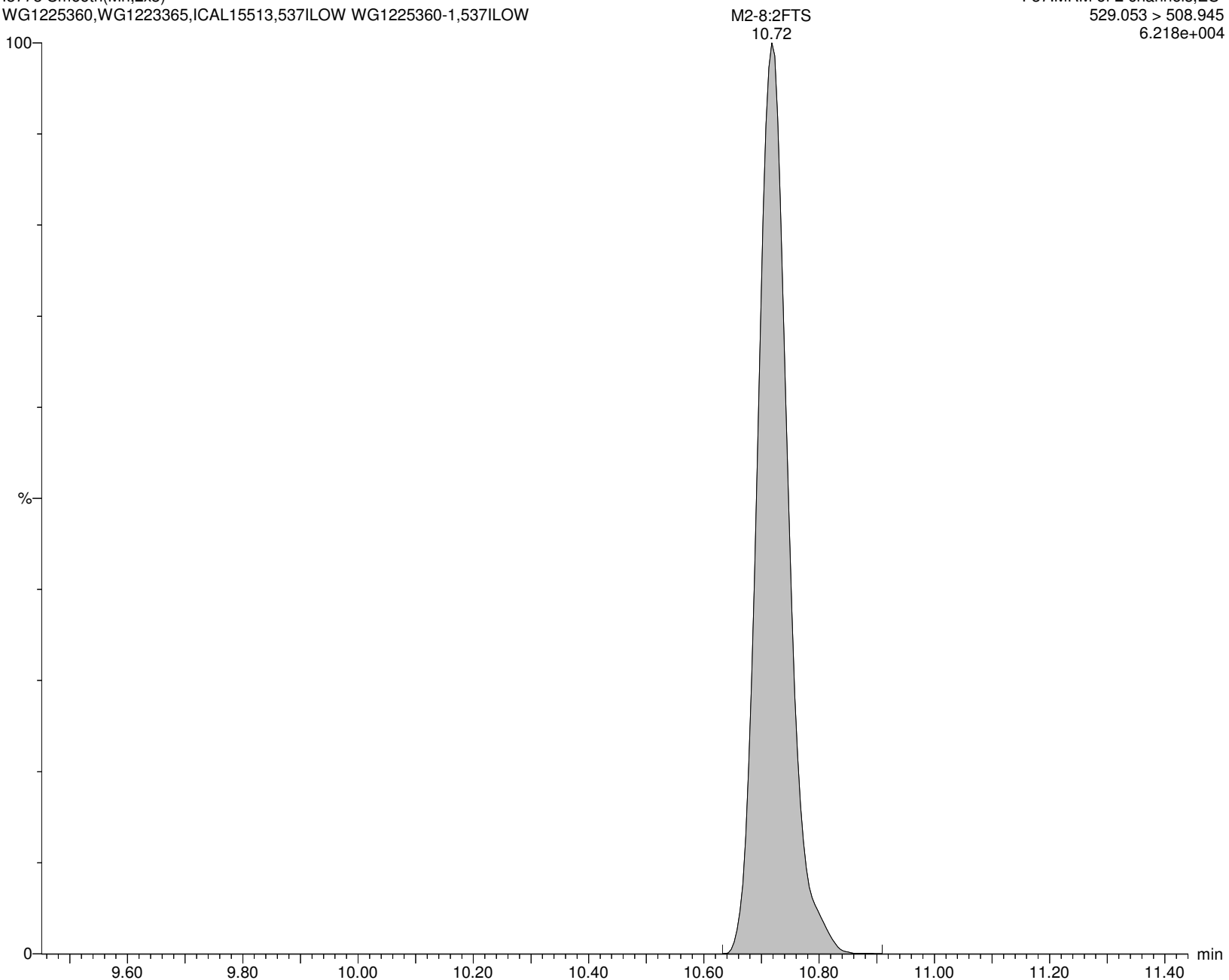
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F37:MRM of 2 channels,ES-

529.053 > 508.945

6.218e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

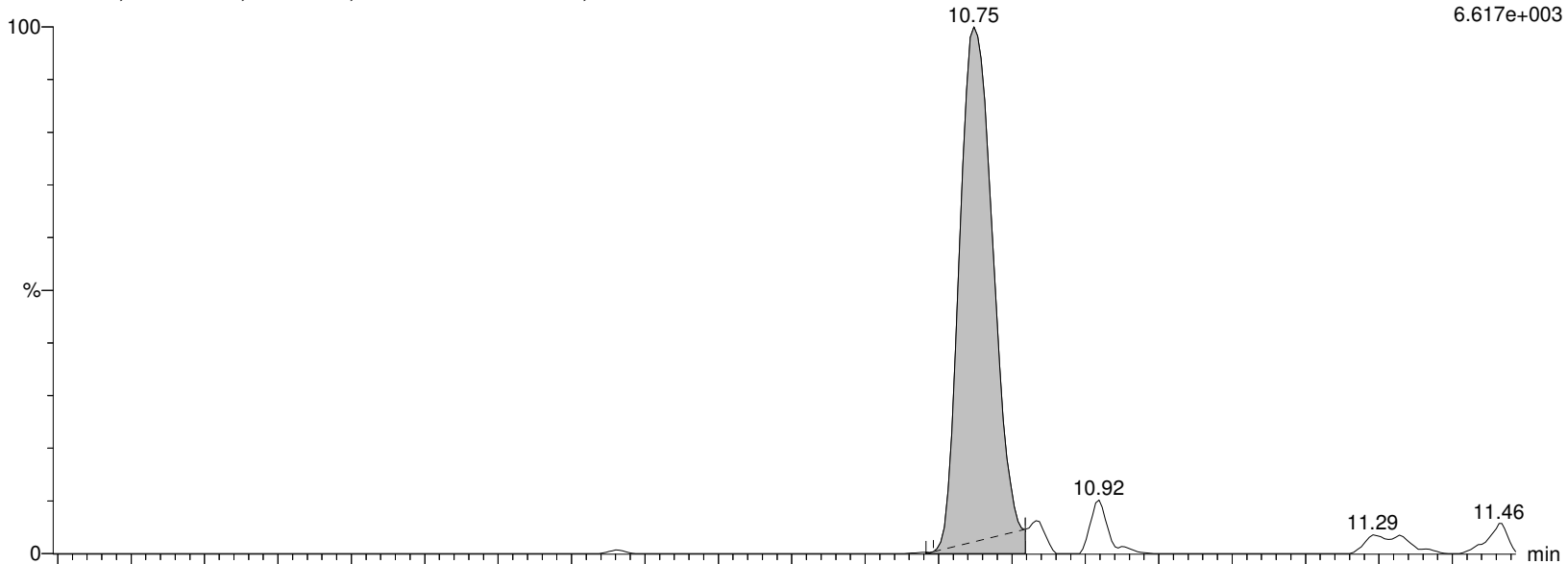
Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNS

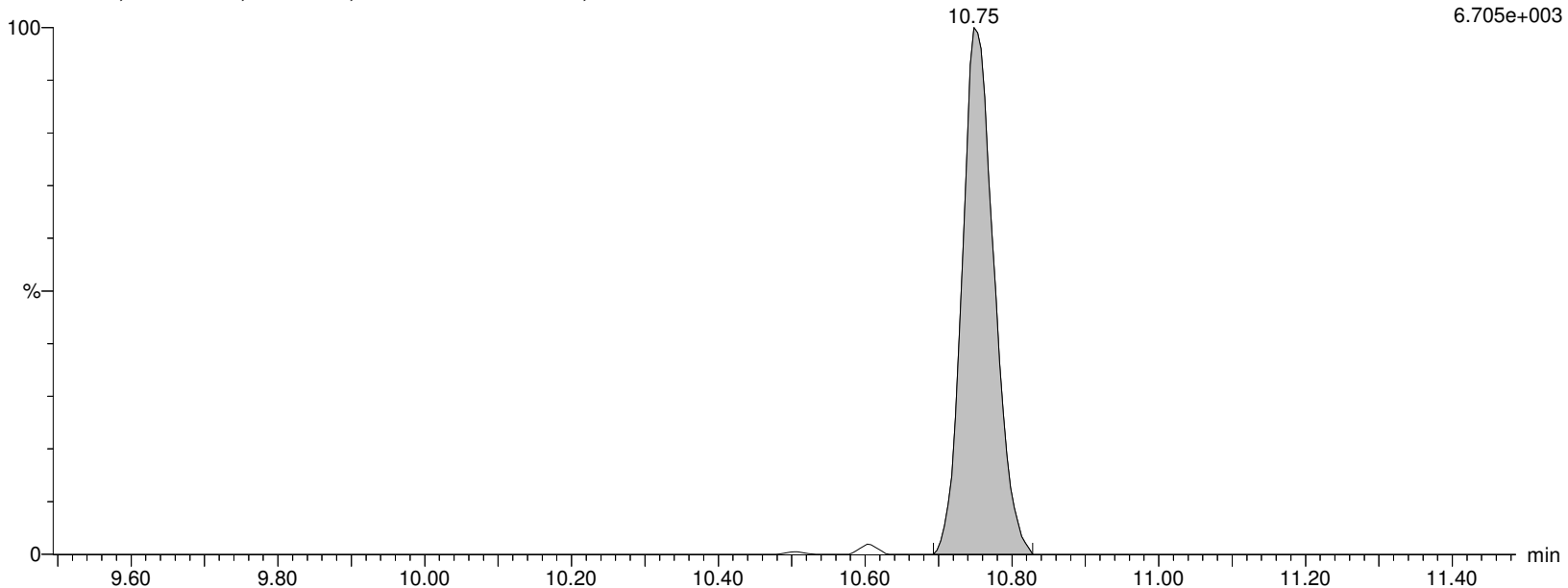
I3773 Smooth(Mn,2x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F39:MRM of 2 channels,ES-
548.989 > 80.249
6.617e+003

I3773 Smooth(Mn,2x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F39:MRM of 2 channels,ES-
548.989 > 99.22
6.705e+003

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d3-NMeFOSAA

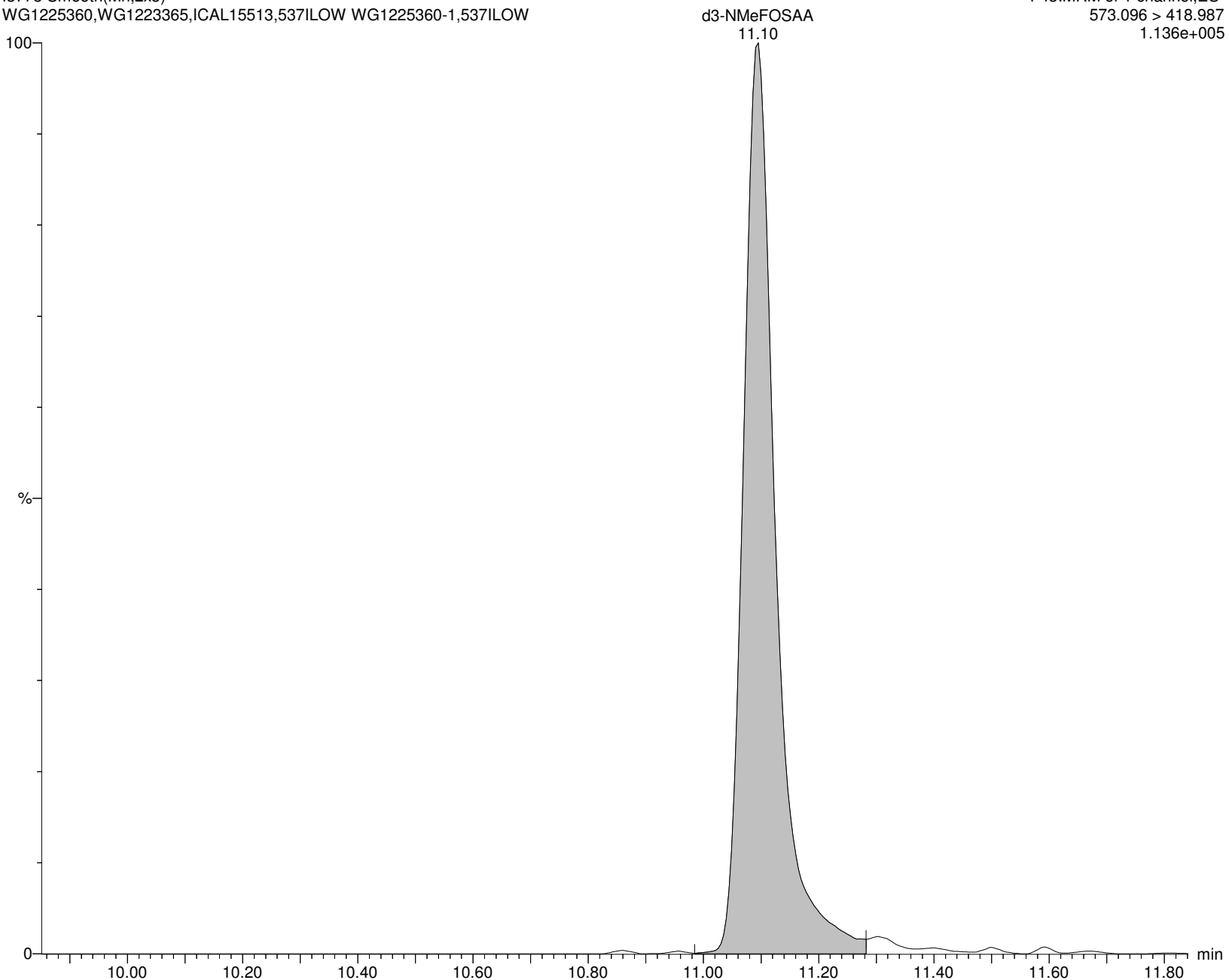
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F43:MRM of 1 channel,ES-

573.096 > 418.987

1.136e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NMeFOSAA

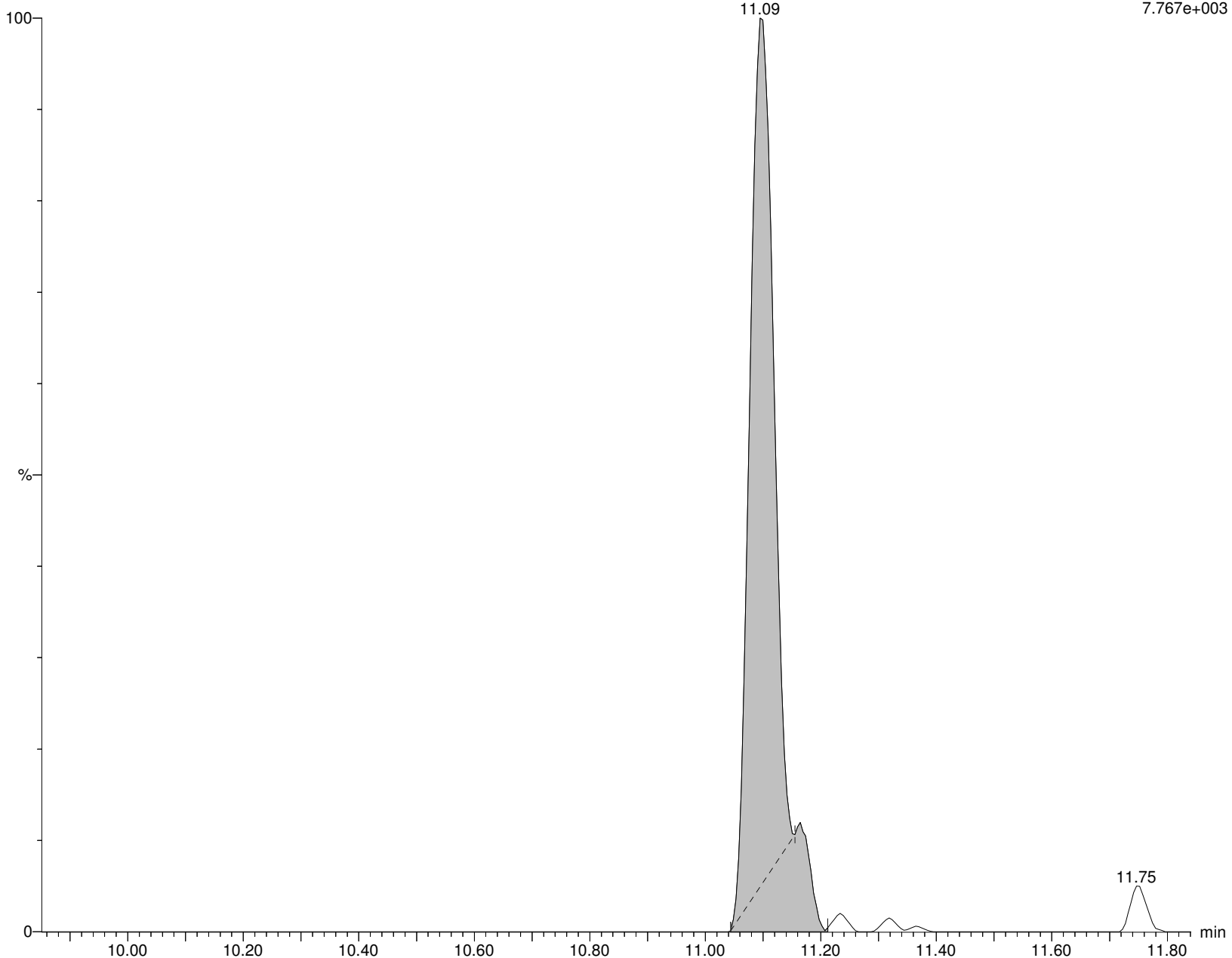
I3773 Smooth(Mn,2x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F41:MRM of 1 channel,ES-

570.053 > 418.917

7.767e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFUnA

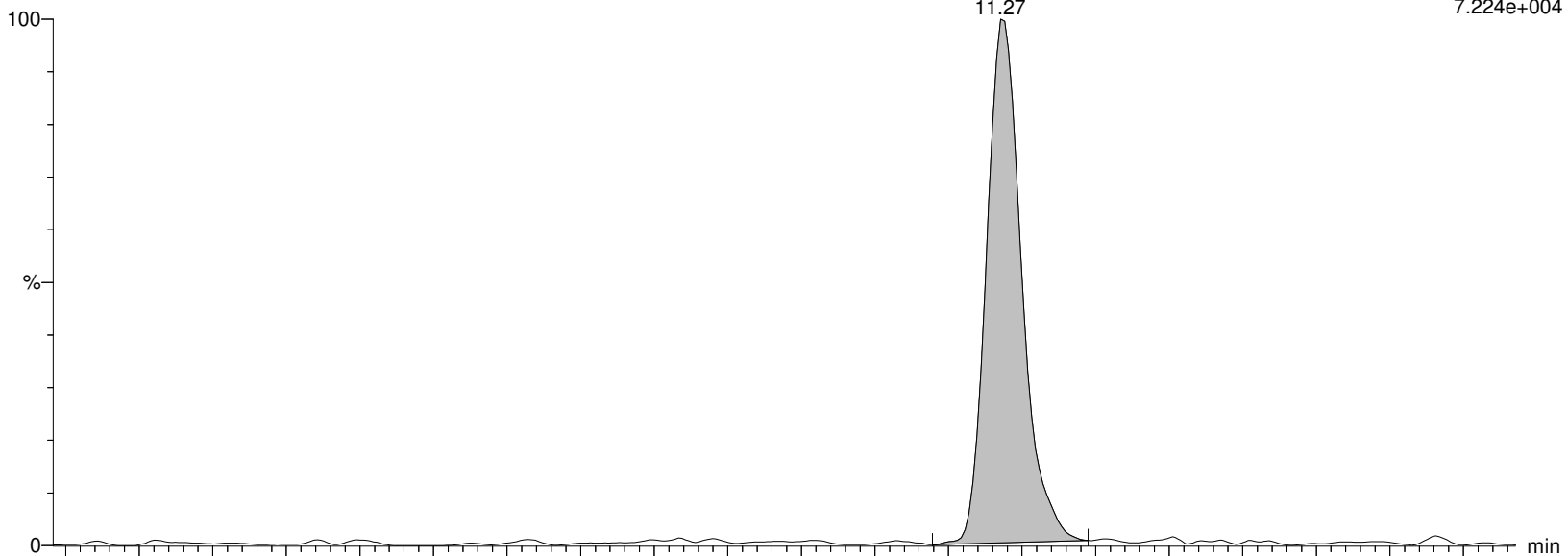
I3773 Smooth(Mn,2x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F40:MRM of 2 channels,ES-

562.989 > 518.903

7.224e+004



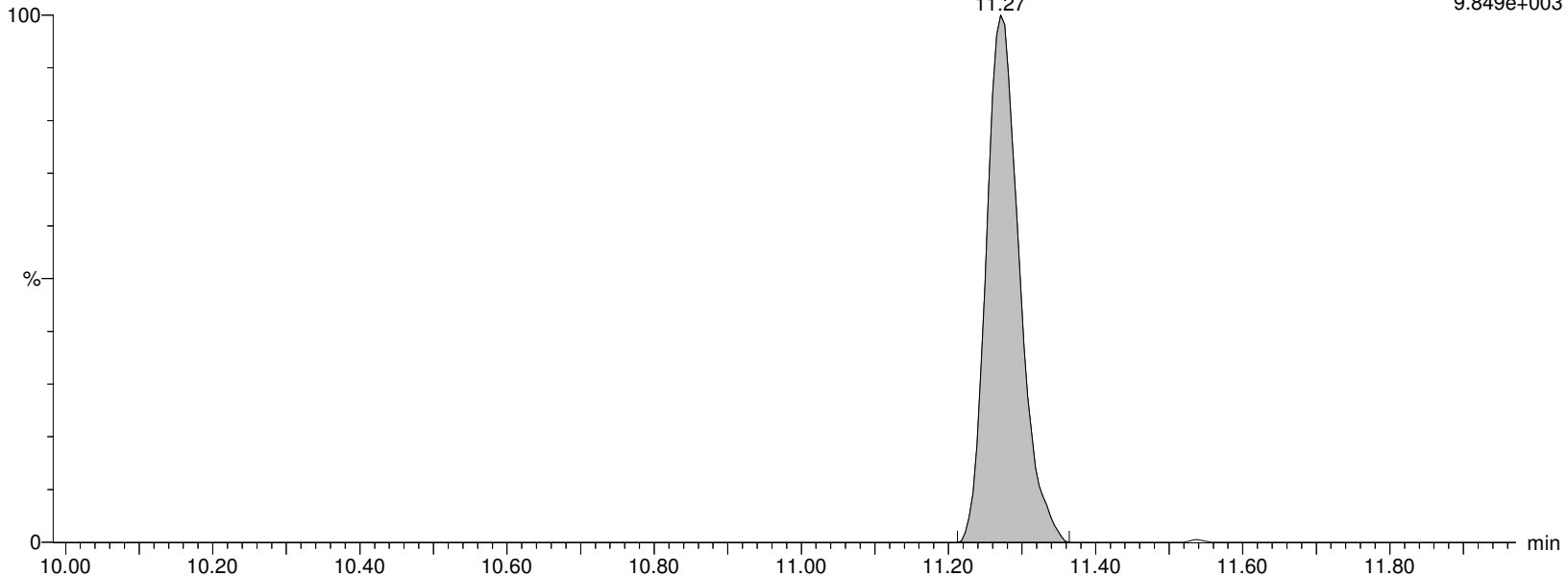
I3773 Smooth(Mn,2x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F40:MRM of 2 channels,ES-

562.989 > 269.01

9.849e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M7-PFUDA

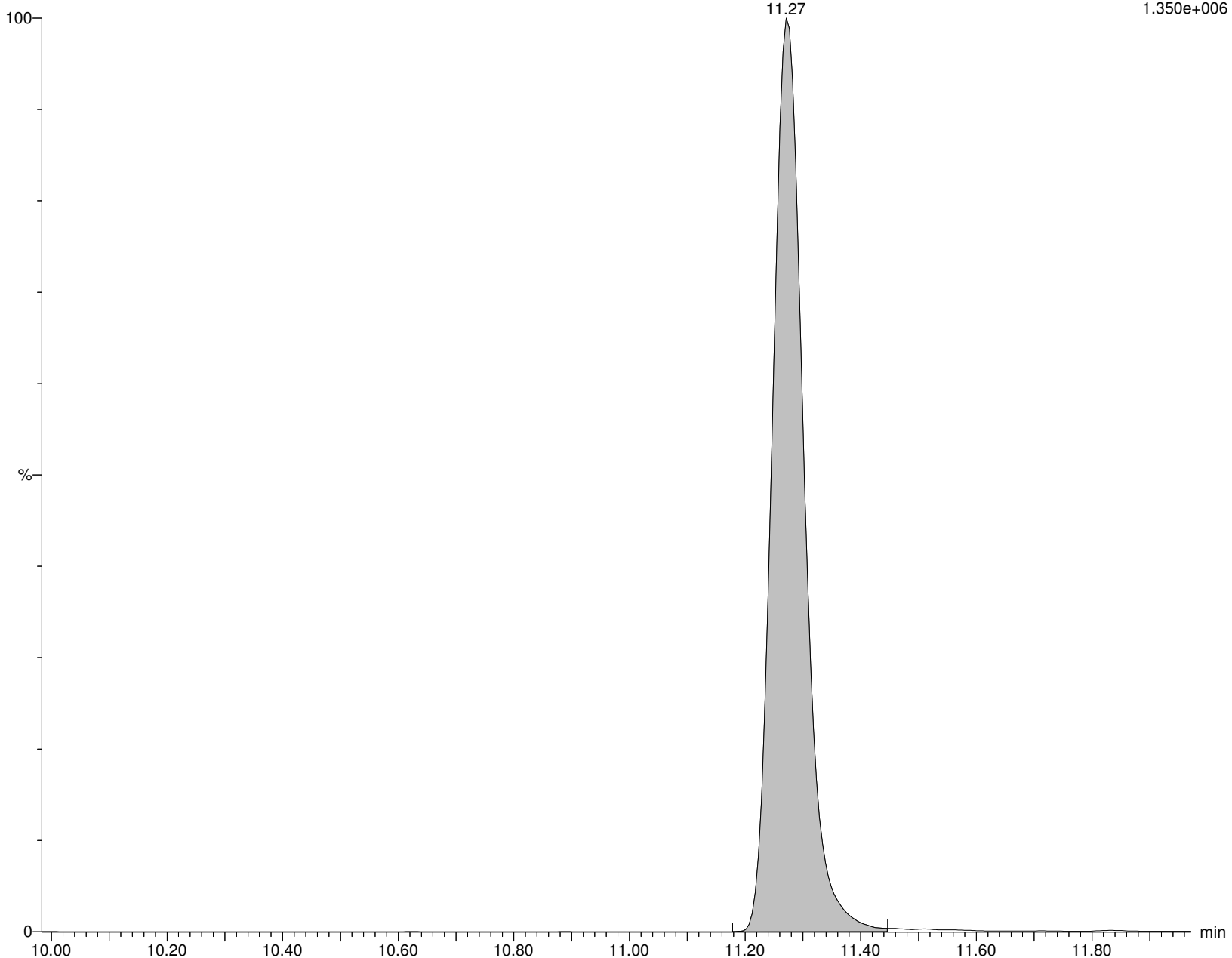
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F42:MRM of 1 channel,ES-

570.053 > 524.923

1.350e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDS

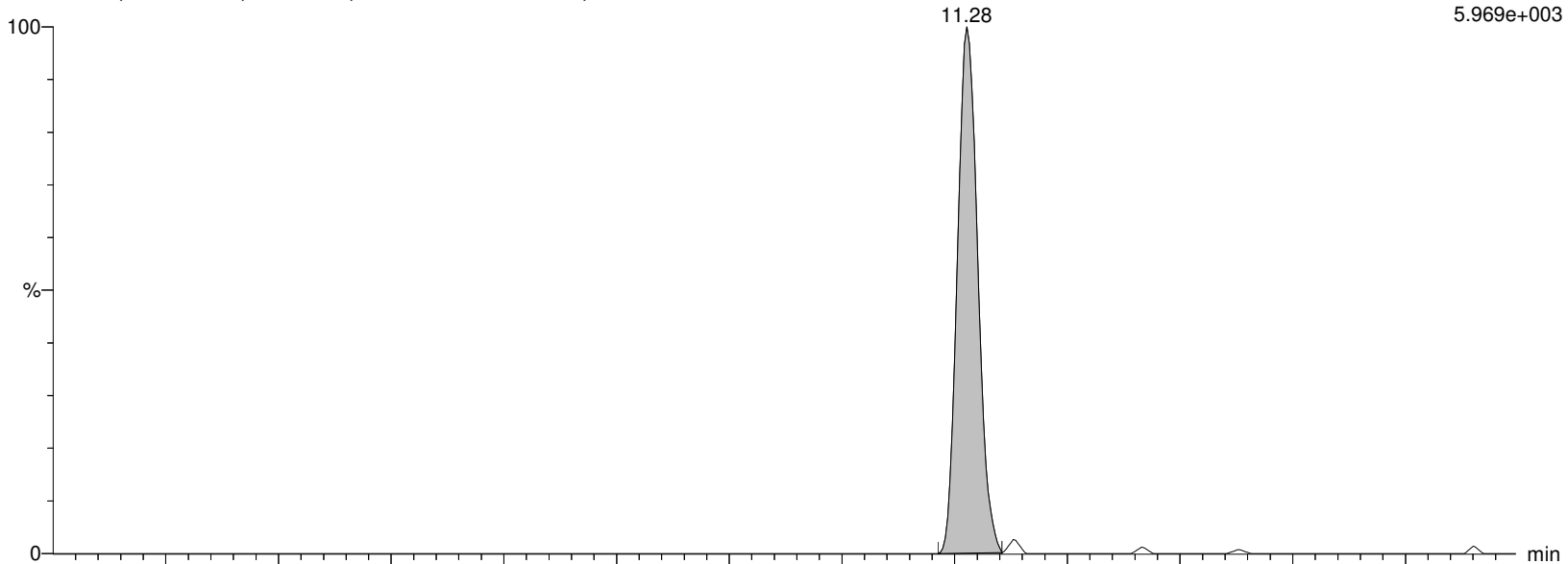
I3773 Smooth(Mn,2x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F46:MRM of 2 channels,ES-

598.926 > 80.314

5.969e+003



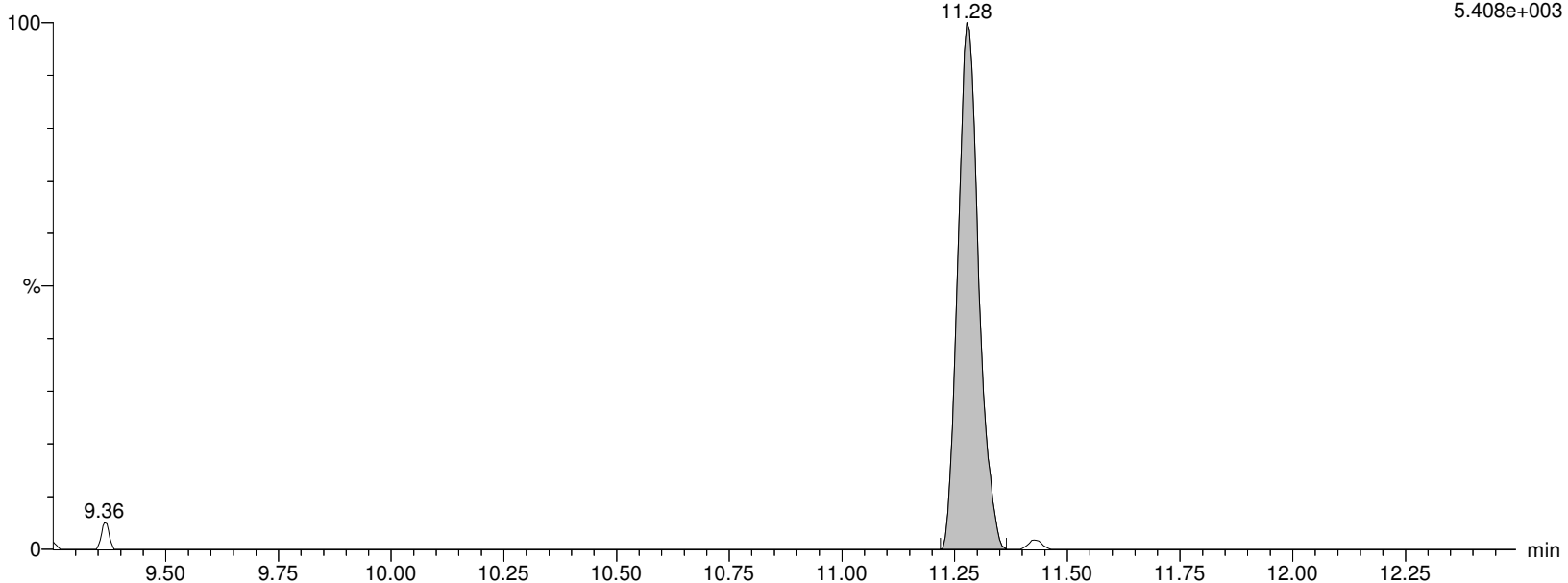
I3773 Smooth(Mn,2x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F46:MRM of 2 channels,ES-

598.926 > 99.22

5.408e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

FOSA

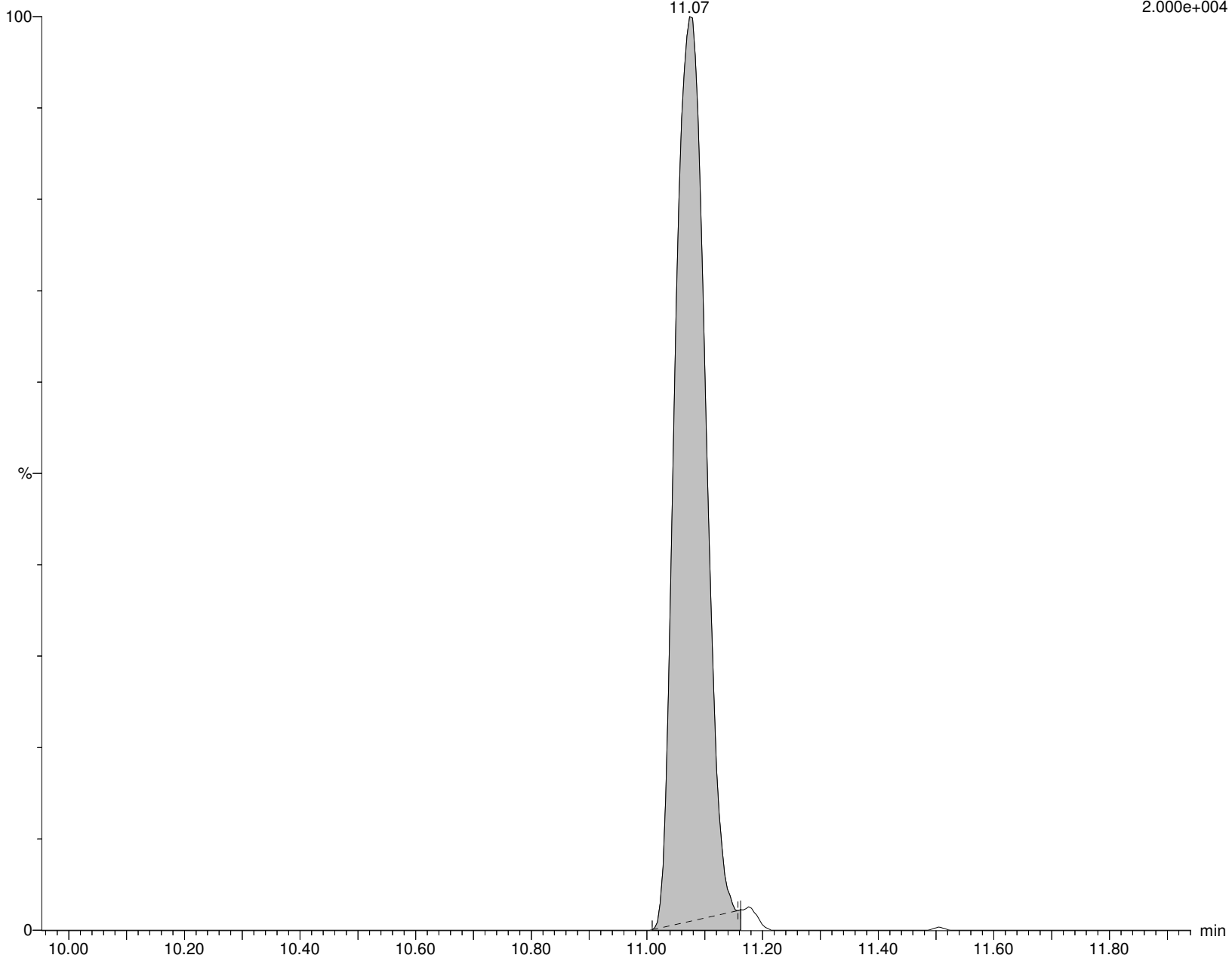
I3773 Smooth(Mn,2x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F28:MRM of 2 channels,ES-

497.989 > 78.245

2.000e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8FOSA

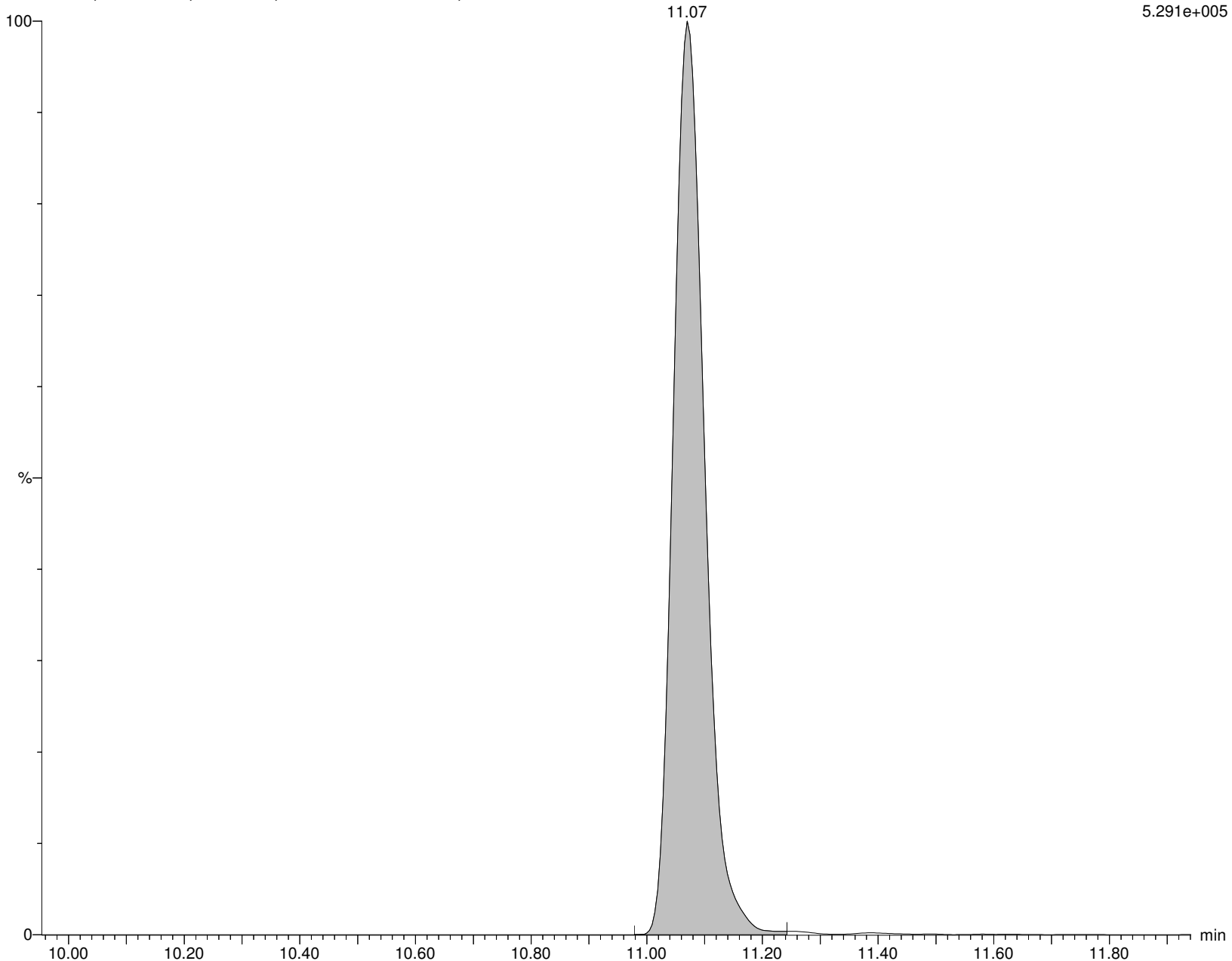
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F31:MRM of 1 channel,ES-

506.053 > 78.286

5.291e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d5-NEtFOSAA

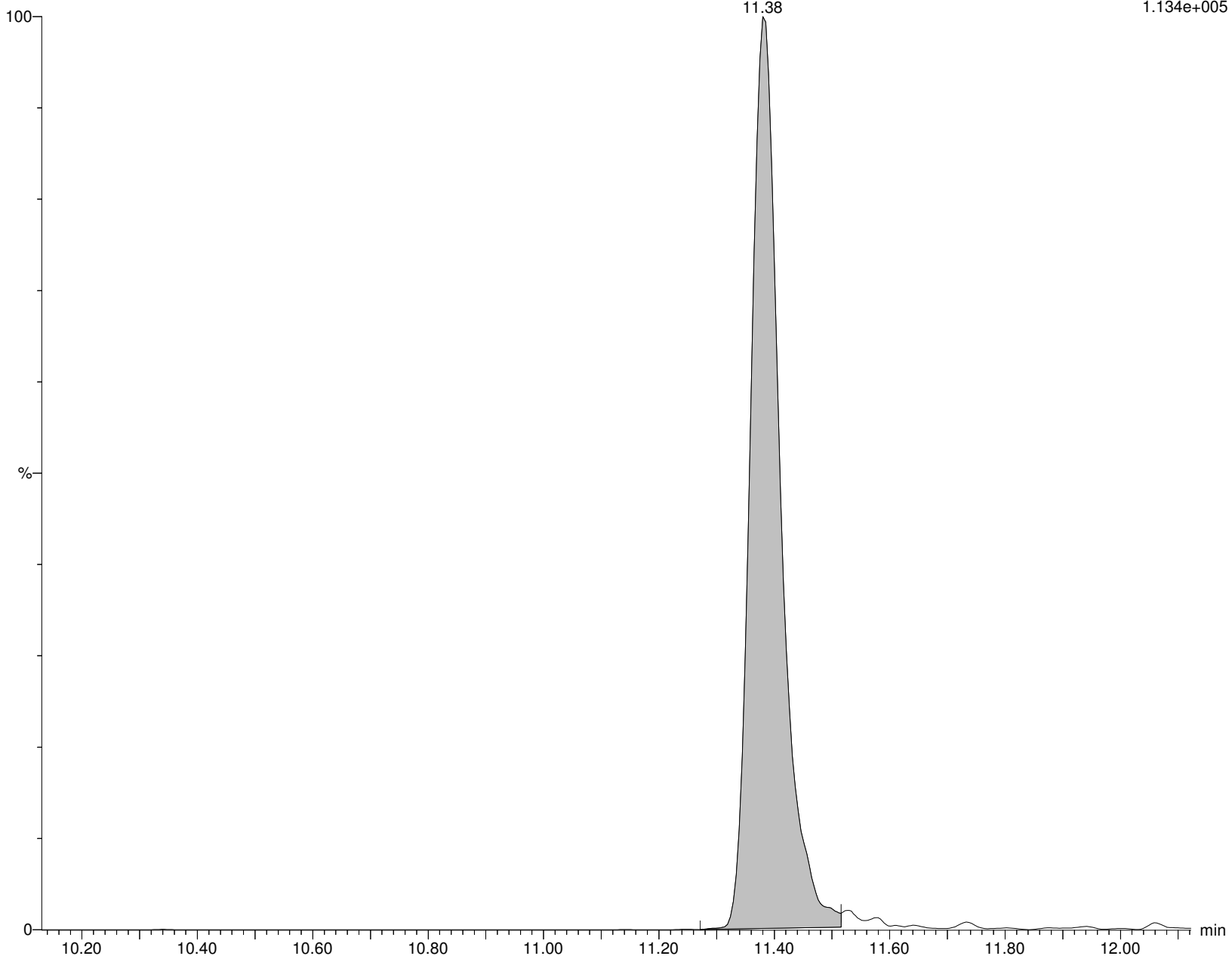
I3773 Smooth(Mn,2x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F45:MRM of 1 channel,ES-

589.117 > 418.929

1.134e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NetFOSAA

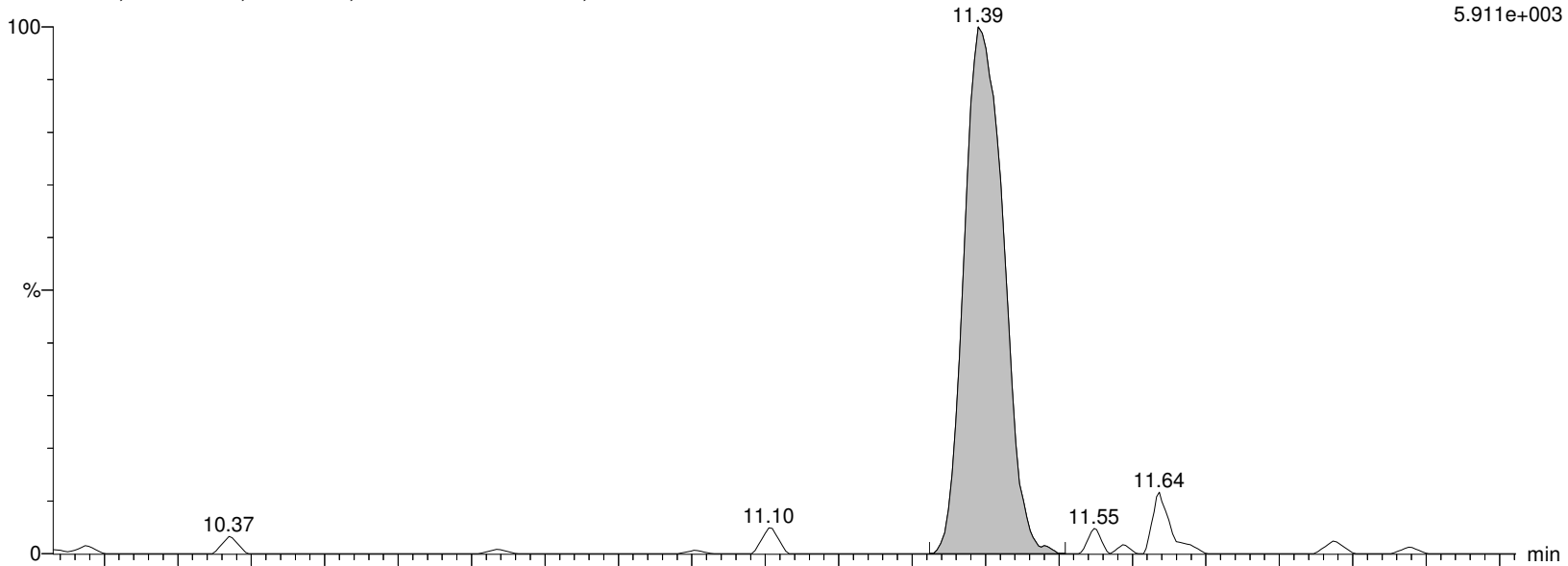
I3773 Smooth(Mn,2x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F44:MRM of 2 channels,ES-

583.989 > 418.927

5.911e+003



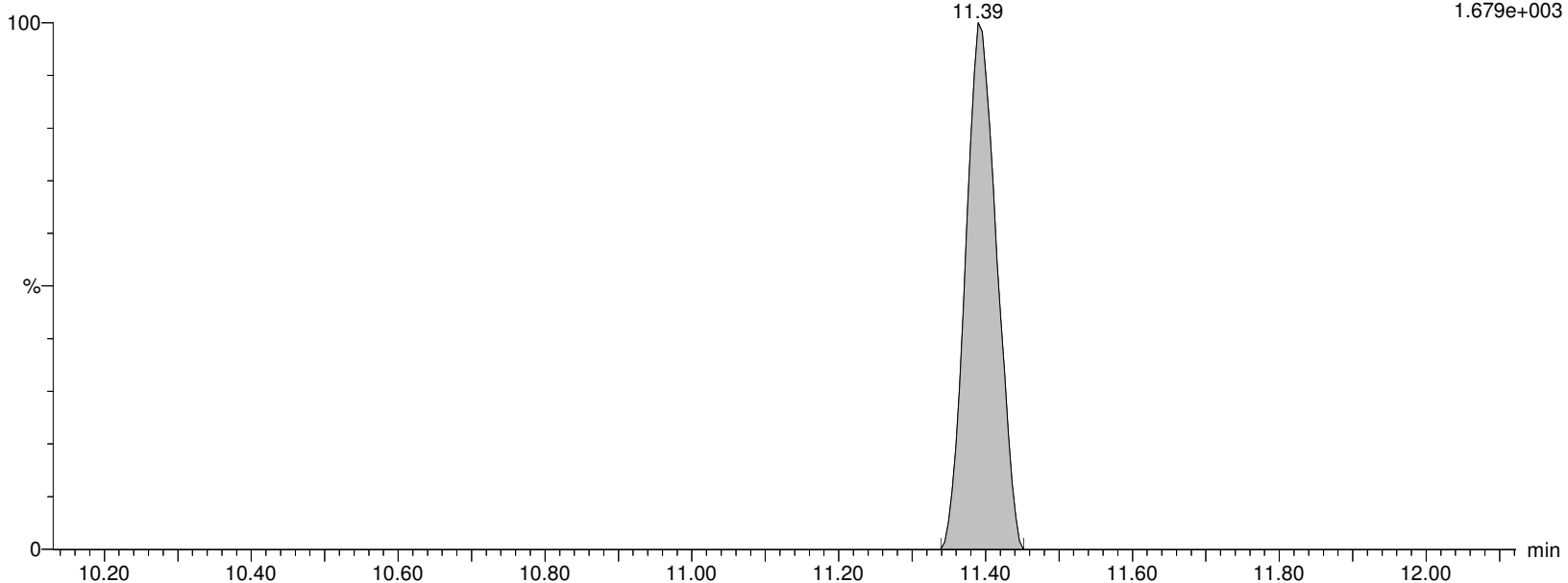
I3773 Smooth(Mn,2x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F44:MRM of 2 channels,ES-

583.989 > 482.88

1.679e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDoA

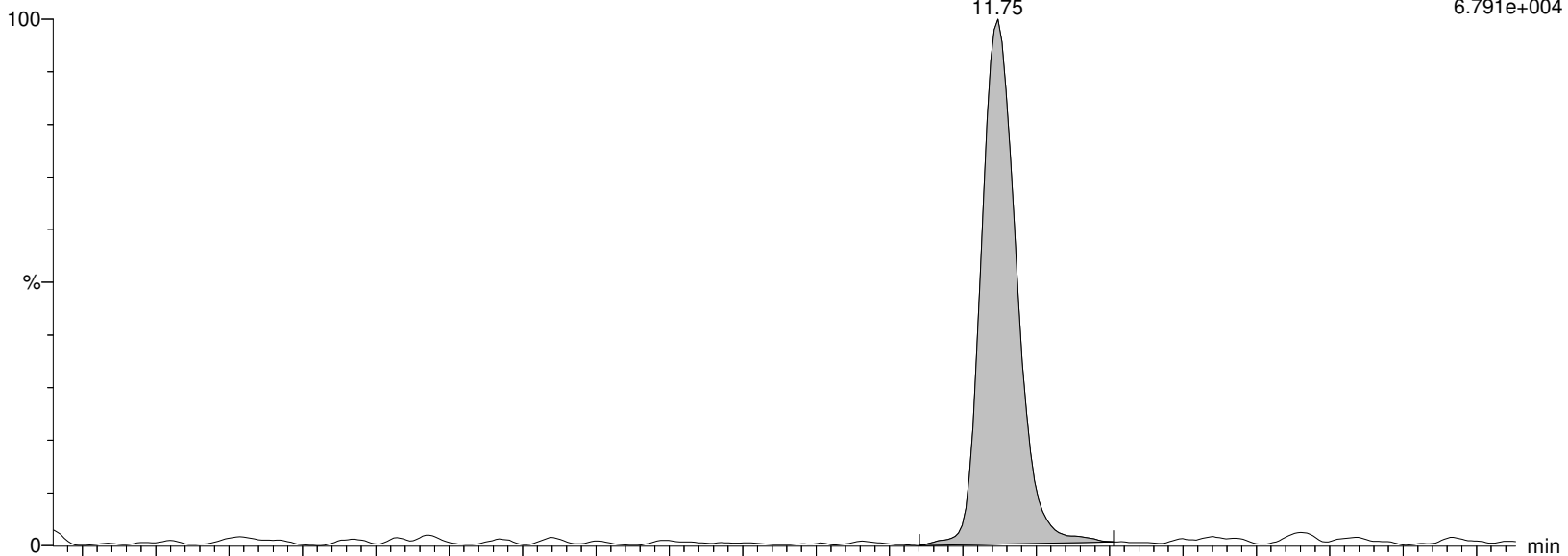
I3773 Smooth(Mn,2x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F47:MRM of 2 channels,ES-

612.989 > 568.967

6.791e+004



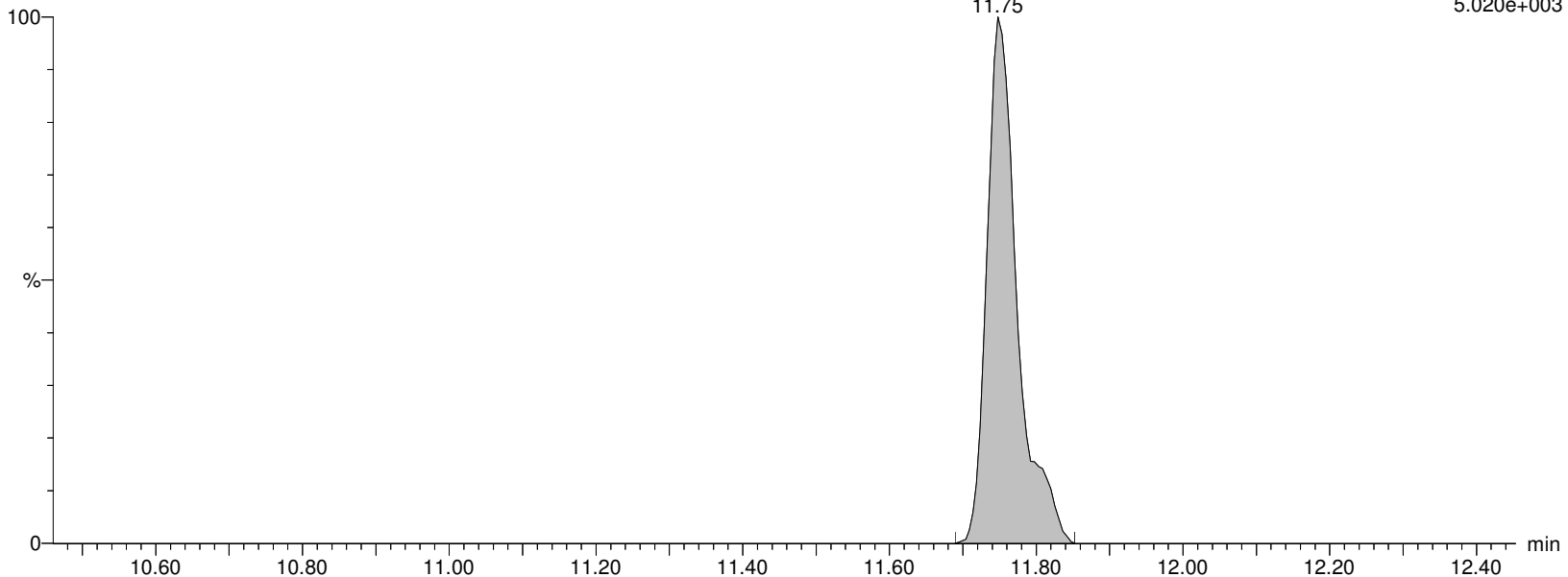
I3773 Smooth(Mn,2x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F47:MRM of 2 channels,ES-

612.989 > 219.08

5.020e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFDOA

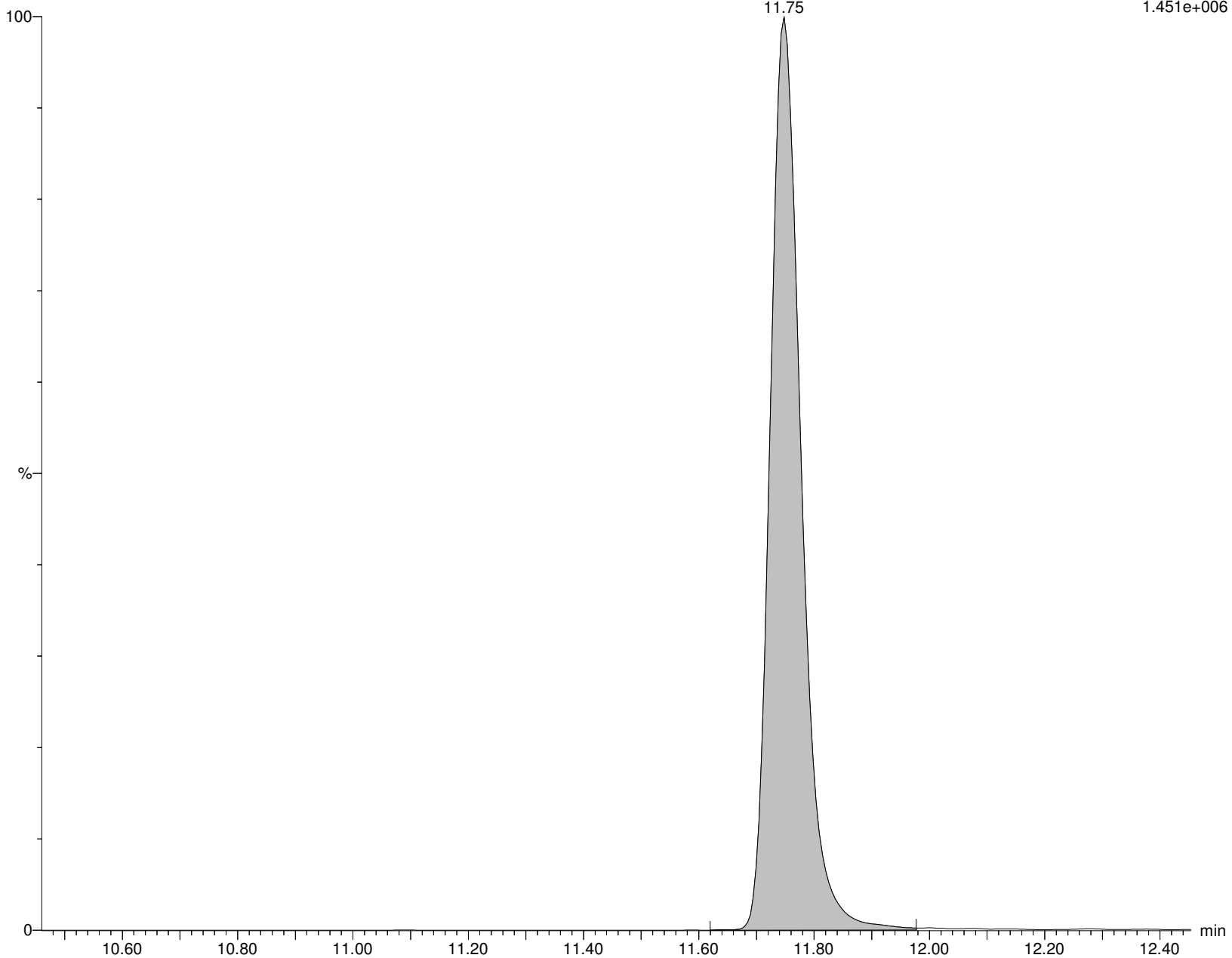
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F48:MRM of 1 channel,ES-

614.989 > 569.92

1.451e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTTrDA

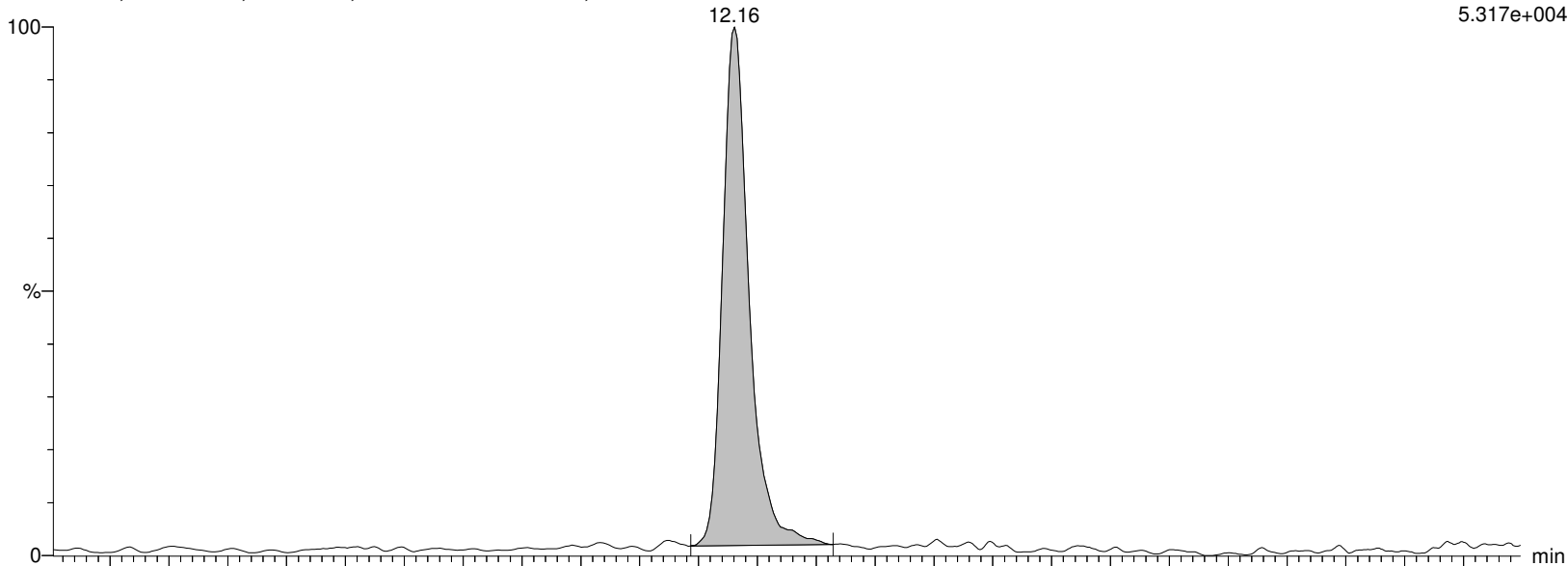
I3773 Smooth(Mn,2x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW PFTTrDA

F51:MRM of 2 channels,ES-

663.053 > 618.969

5.317e+004



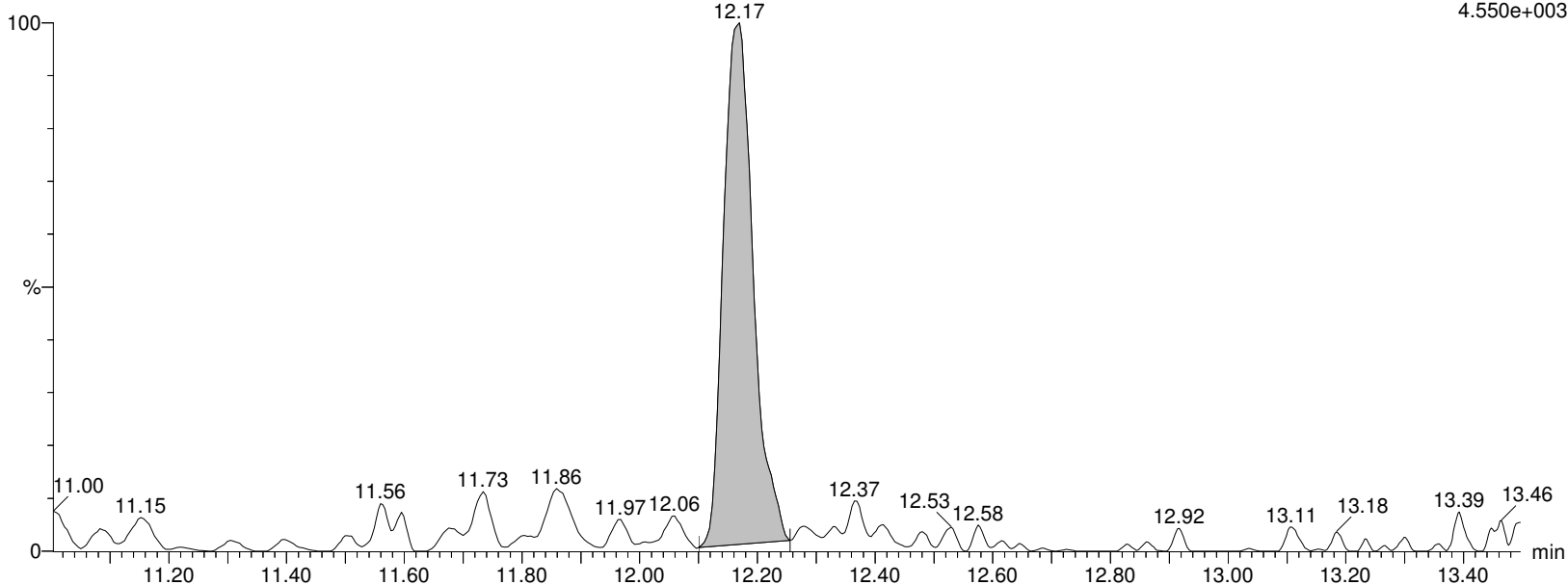
I3773 Smooth(Mn,2x2)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW PFTTrDA

F51:MRM of 2 channels,ES-

663.053 > 319.02

4.550e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTA

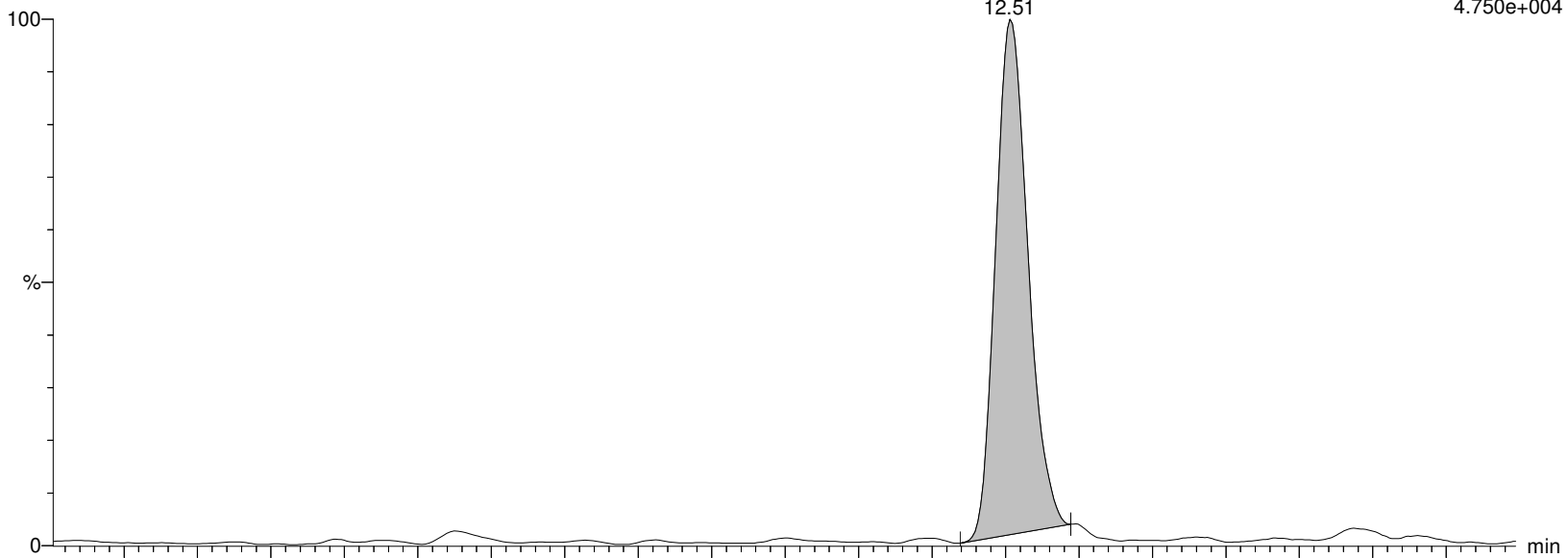
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F52:MRM of 2 channels,ES-

713.053 > 668.976

4.750e+004



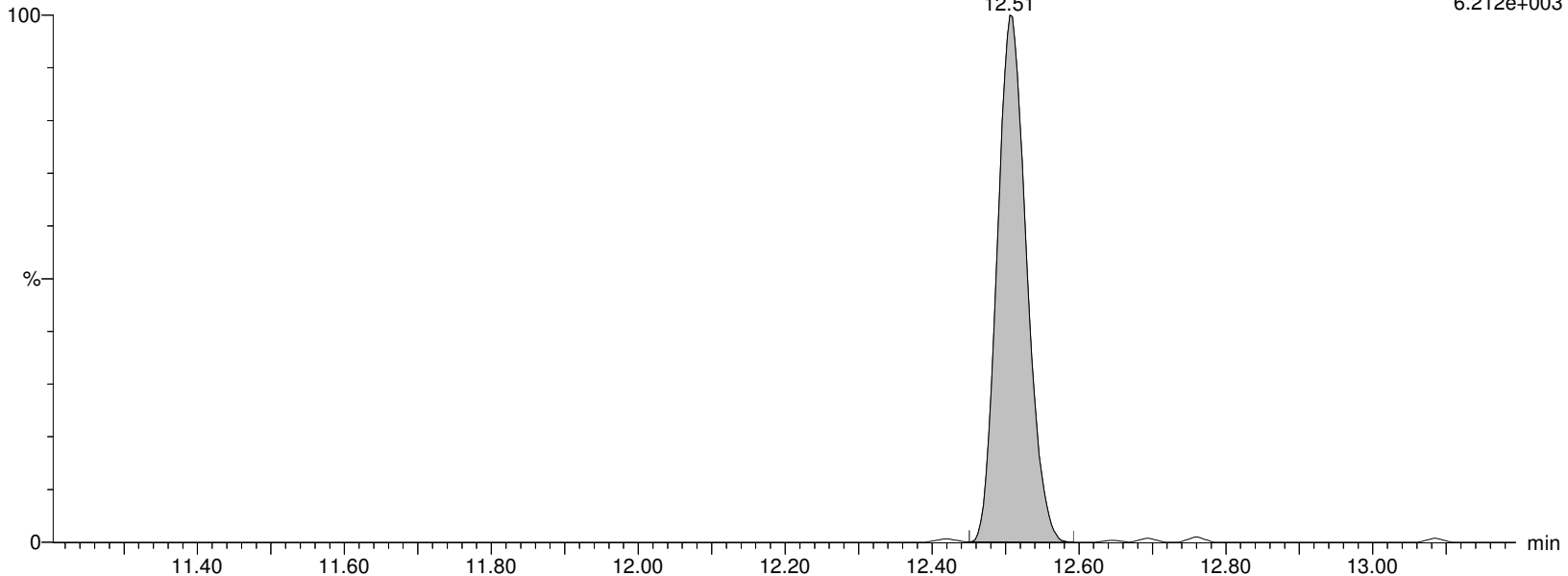
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F52:MRM of 2 channels,ES-

713.053 > 219.09

6.212e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFTEDA

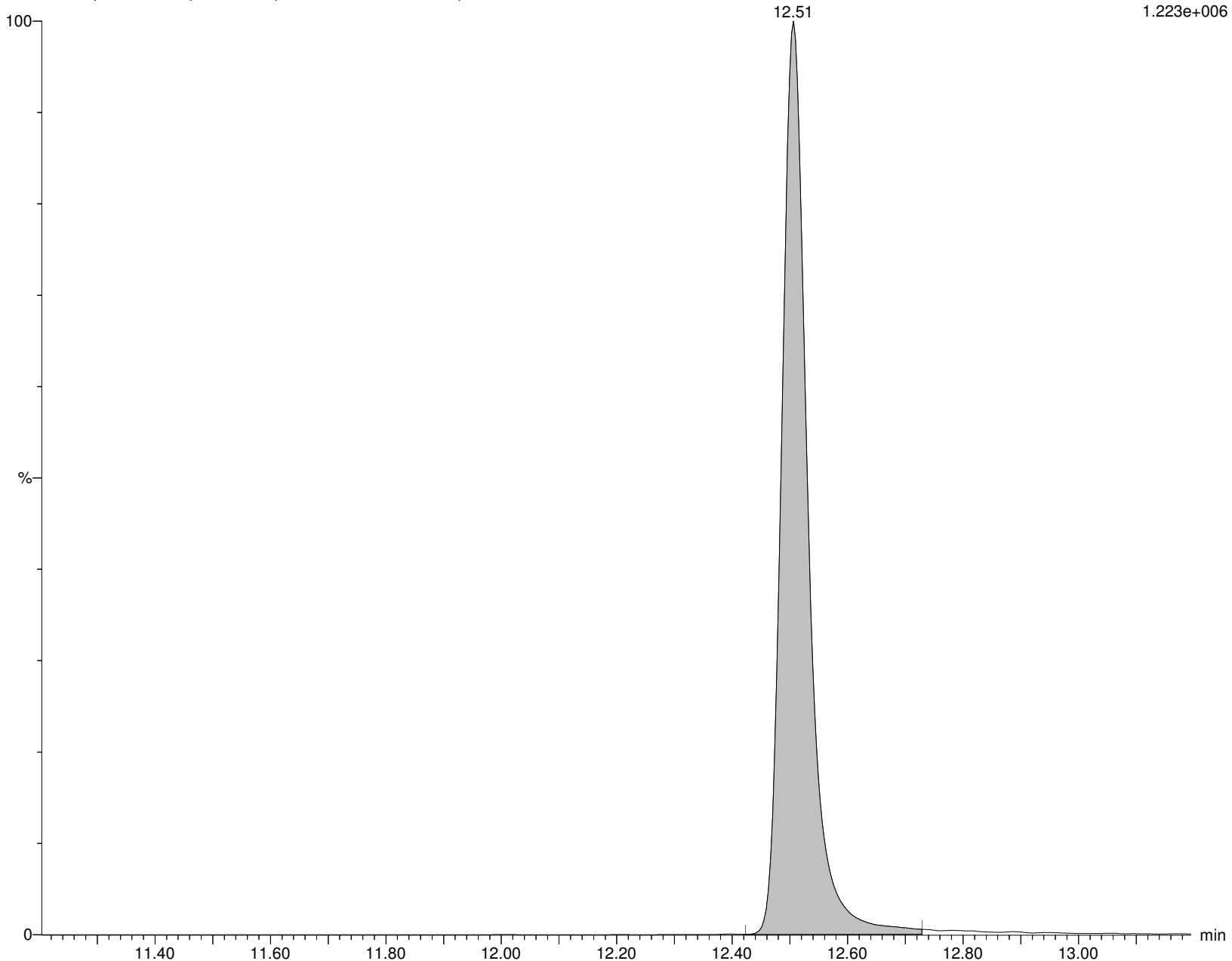
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F53:MRM of 1 channel,ES-

715.053 > 669.945

1.223e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3HFPO-DA

I3773 Smooth(Mn,2x4)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F13:MRM of 1 channel,ES-

331.989 > 286.995

1.000e-003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

HFPO-DA

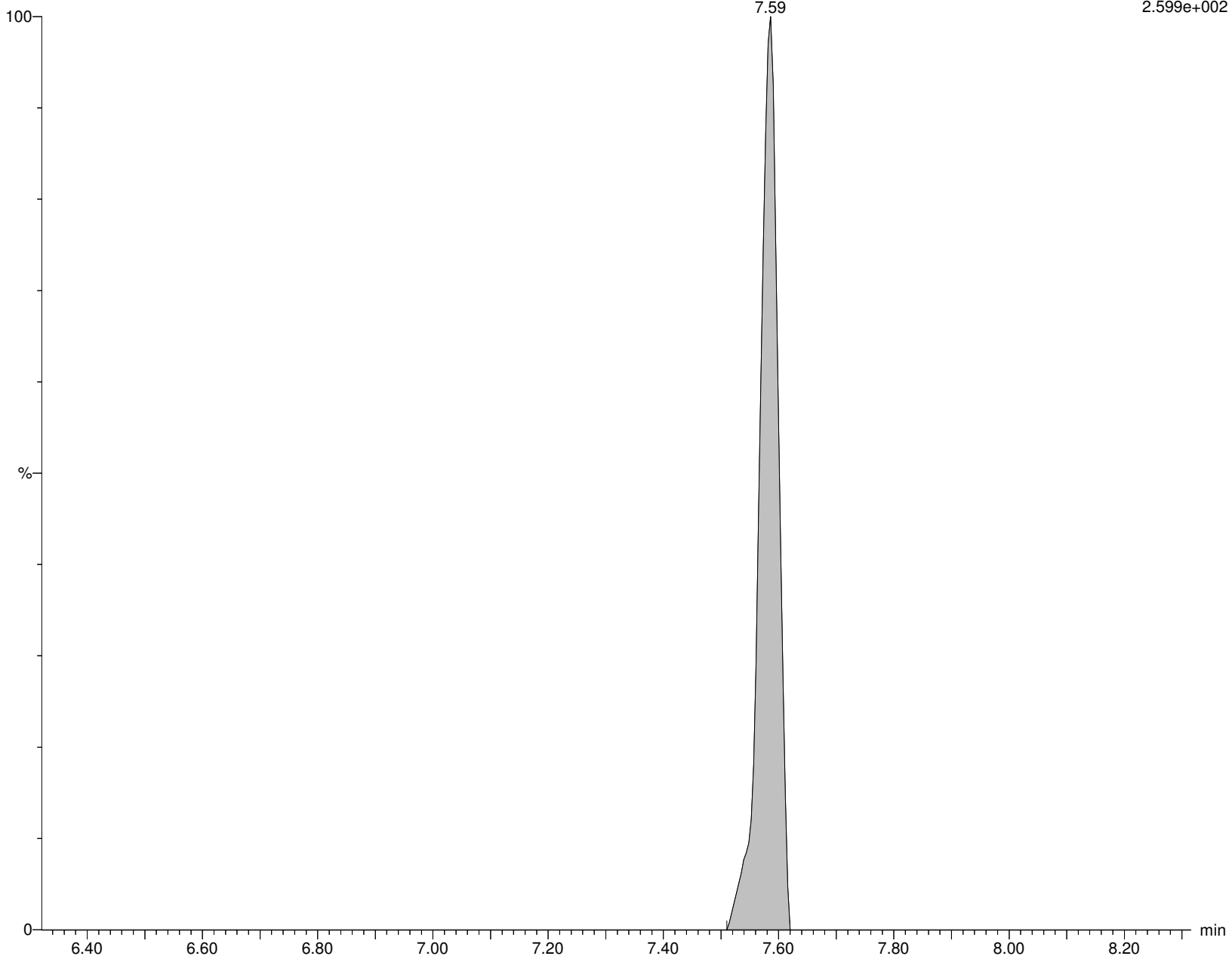
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F11:MRM of 1 channel,ES-

328.989 > 284.982

2.599e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

ADONA

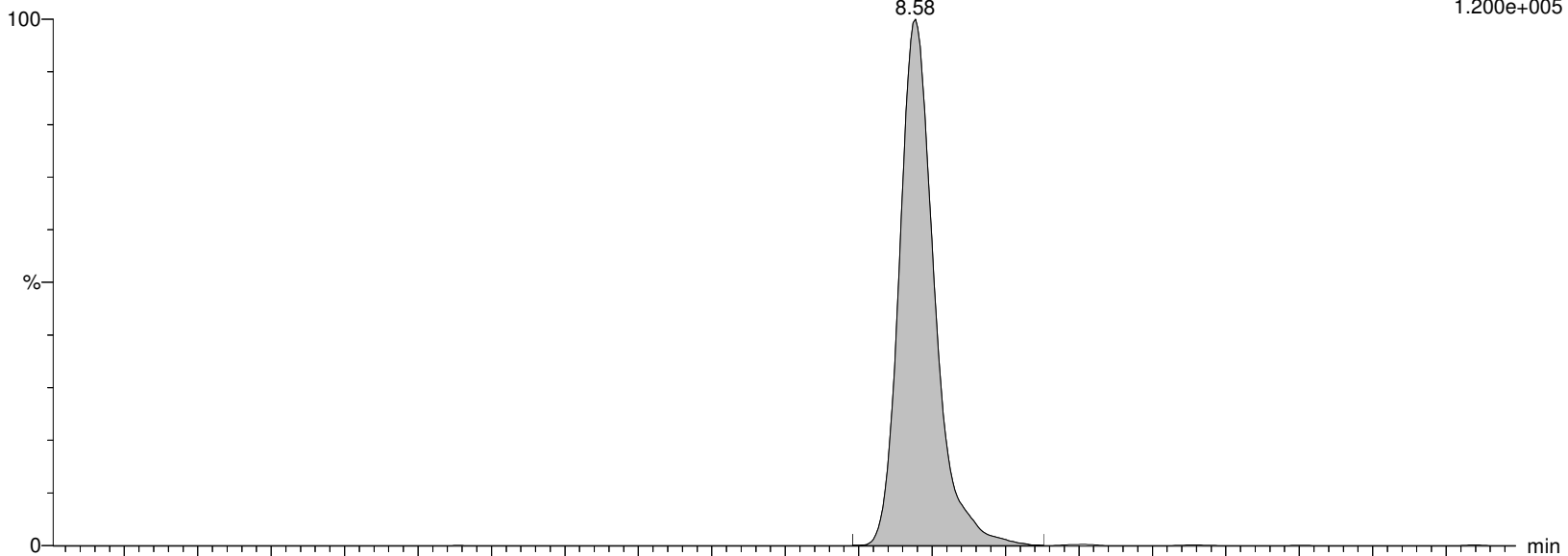
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F17:MRM of 2 channels,ES-

376.926 > 251.005

1.200e+005



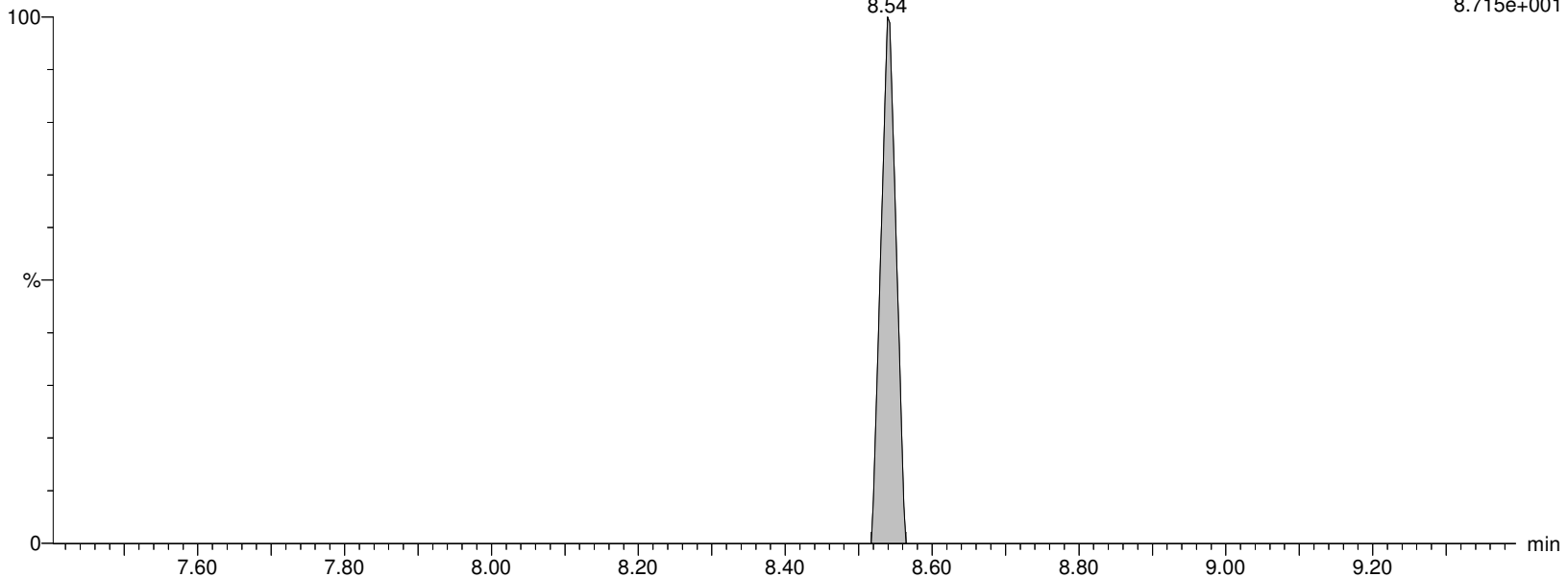
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F17:MRM of 2 channels,ES-

376.926 > 135.12

8.715e+001



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxDA

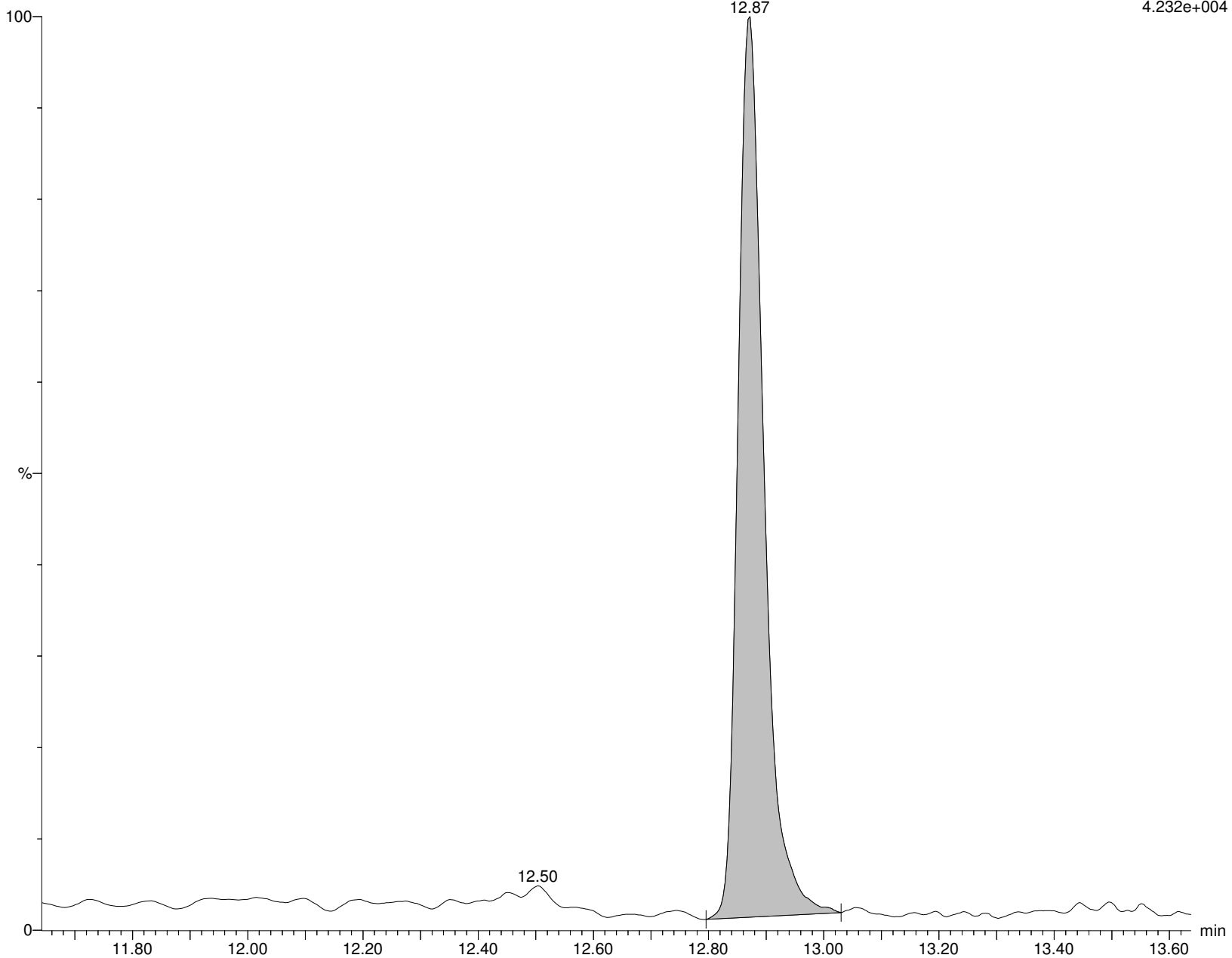
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F54:MRM of 1 channel,ES-

813.053 > 769.005

4.232e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFODA

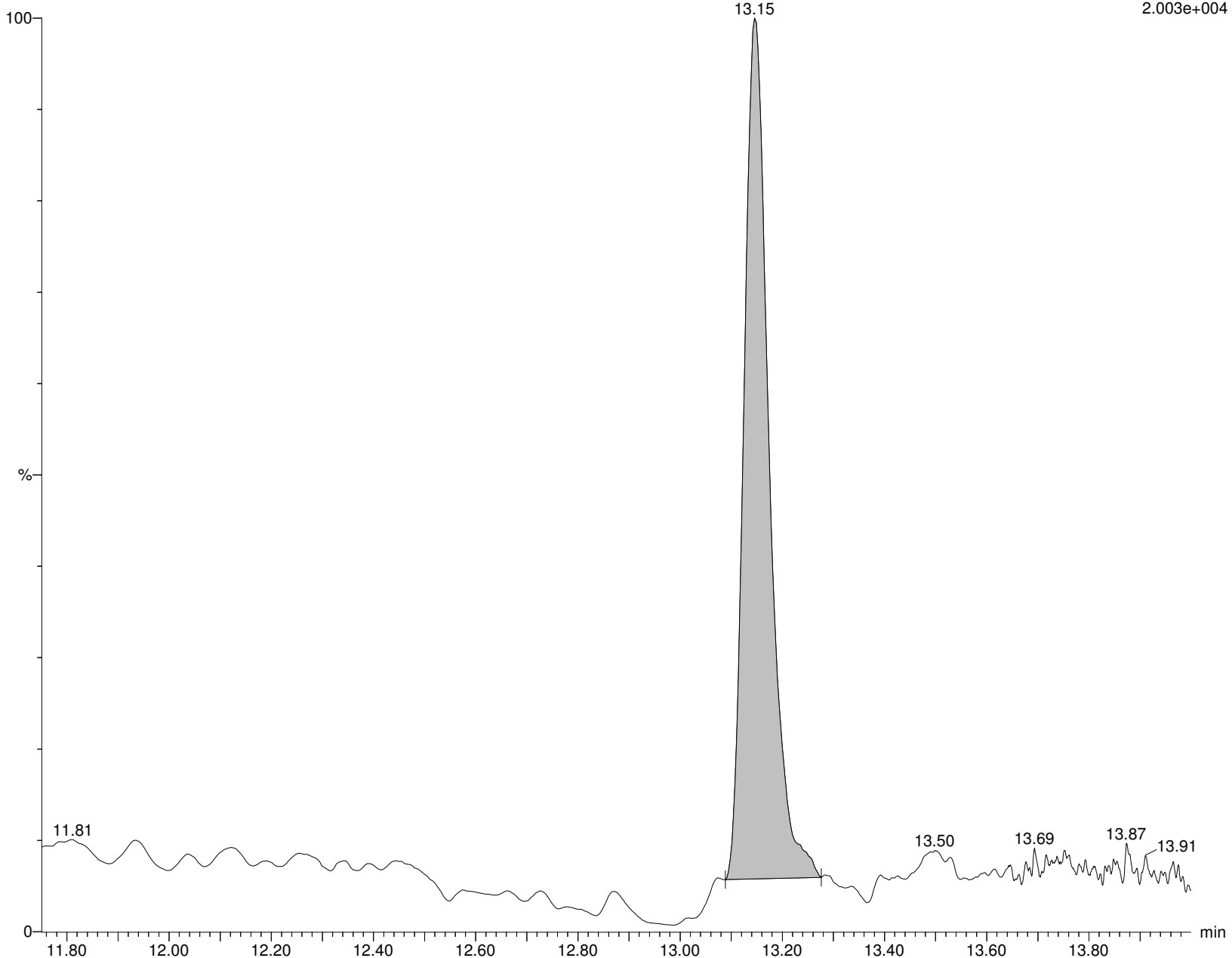
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F56:MRM of 1 channel,ES-

912.989 > 869.032

2.003e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFHxDA

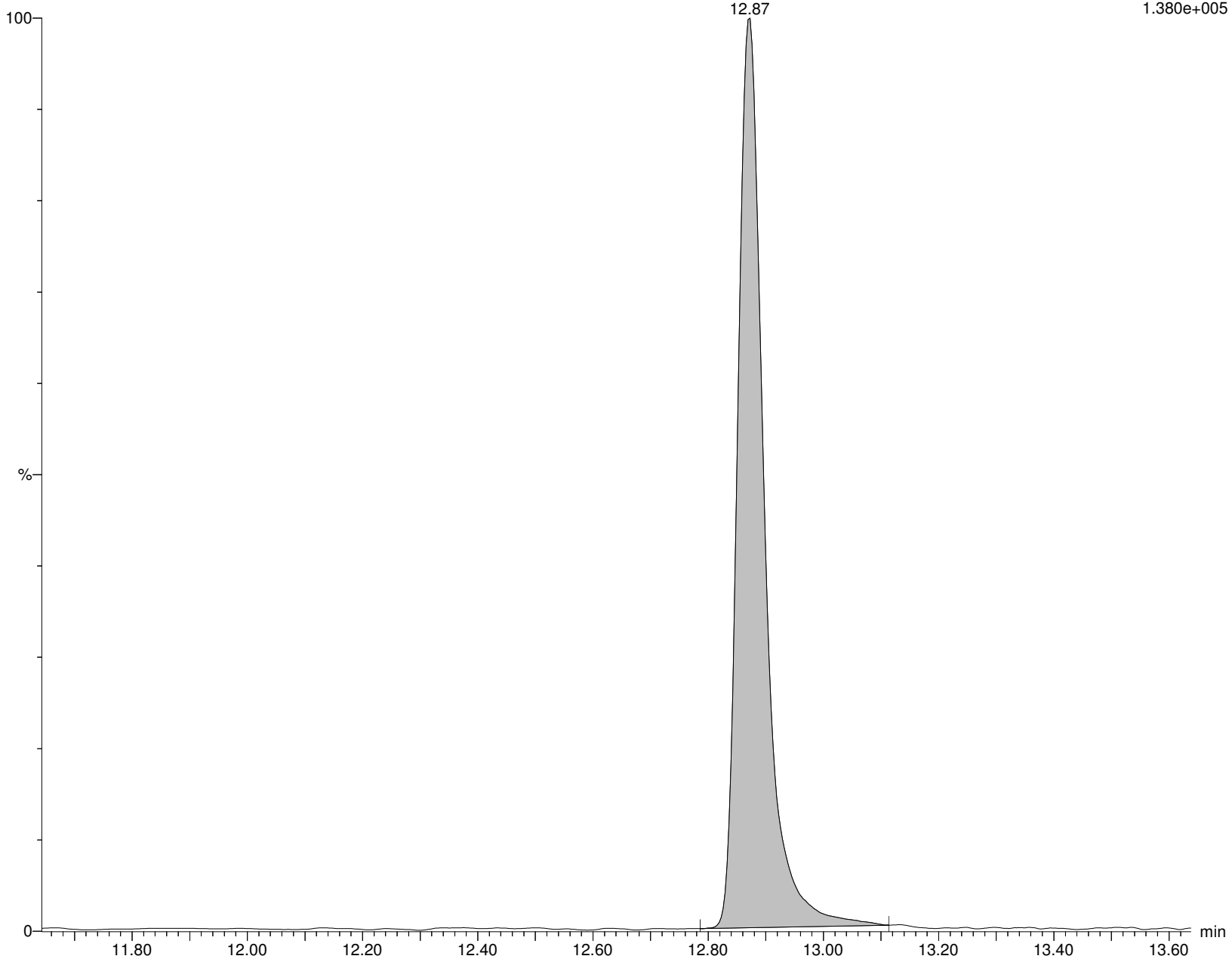
I3773 Smooth(Mn,2x3)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F55:MRM of 1 channel,ES-

815.372 > 770.158

1.380e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773**ID: WG1225360-1,537ILOW****Date: 11-Apr-2019****Time: 09:41:37****Description: WG1225360,WG1223365,ICAL15513,537ILOW****User: LCMS02:JW****Vial: 2:A,2****Instrument: XEVO-TQSmicro#QEB0050****Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B****Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR****MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP****10:2FTS**

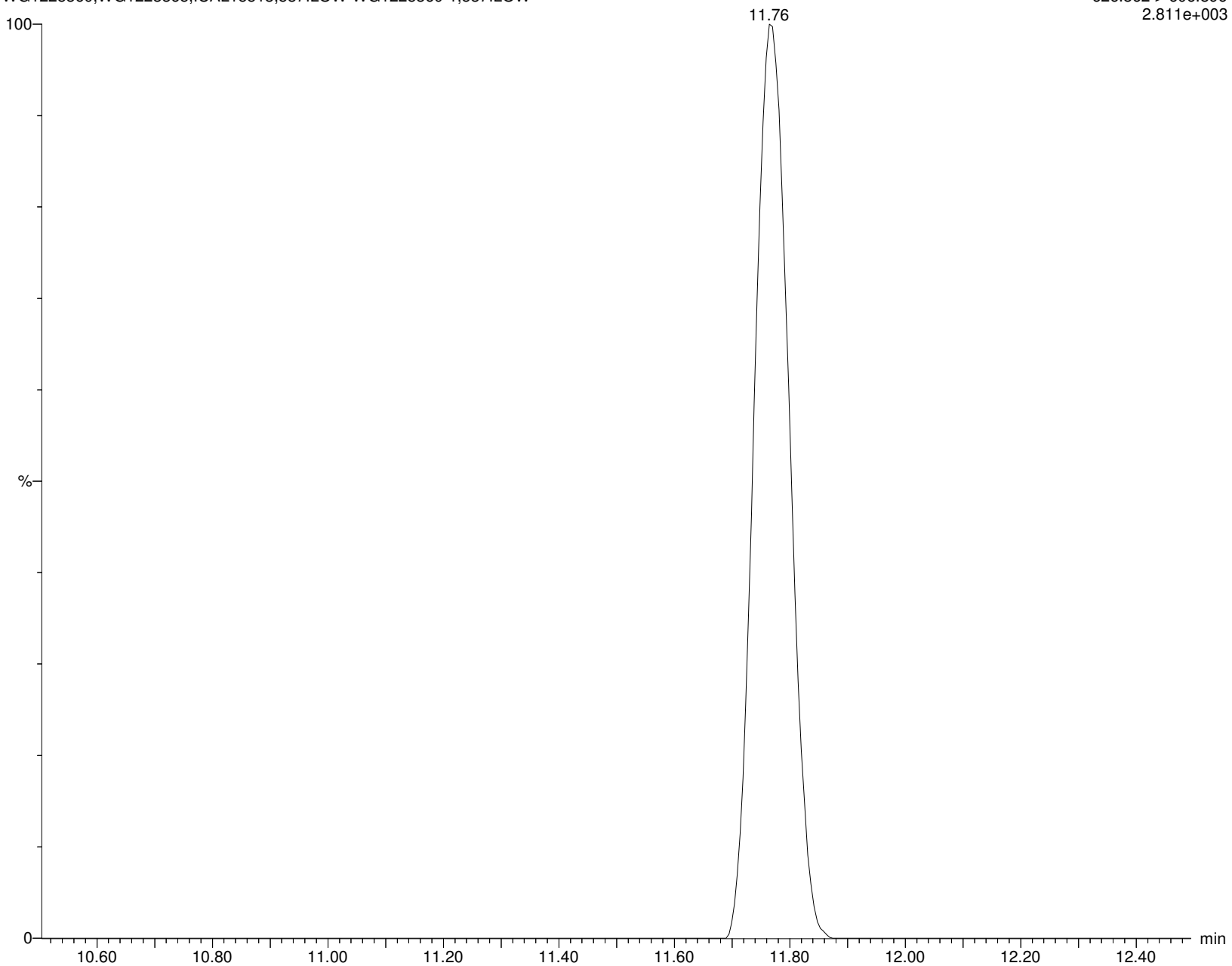
I3773 Smooth(Mn,2x4)

WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

F49:MRM of 1 channel,ES-

626.862 > 606.896

2.811e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

9CL-PF3ONS

I3773 Smooth(Mn,2x5)

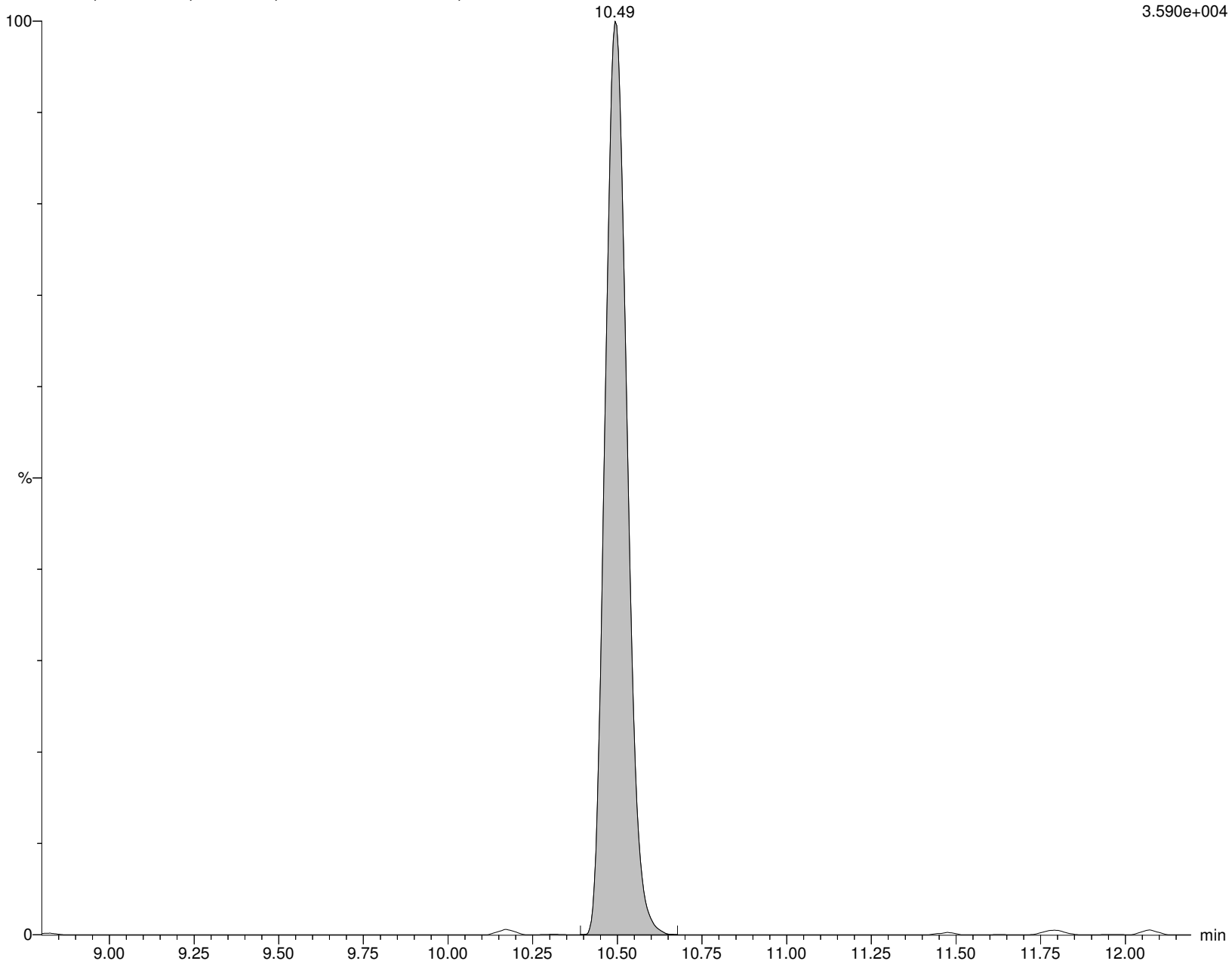
WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

9CL-PF3ONS

F38:MRM of 1 channel,ES-

530.862 > 350.843

3.590e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360-1.qld

Last Altered: Thursday, April 11, 2019 10:00:39 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:37:03 Eastern Daylight Time

Name: I3773

ID: WG1225360-1,537ILOW

Date: 11-Apr-2019

Time: 09:41:37

Description: WG1225360,WG1223365,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

11CL-PFOUdS

I3773 Smooth(Mn,2x5)

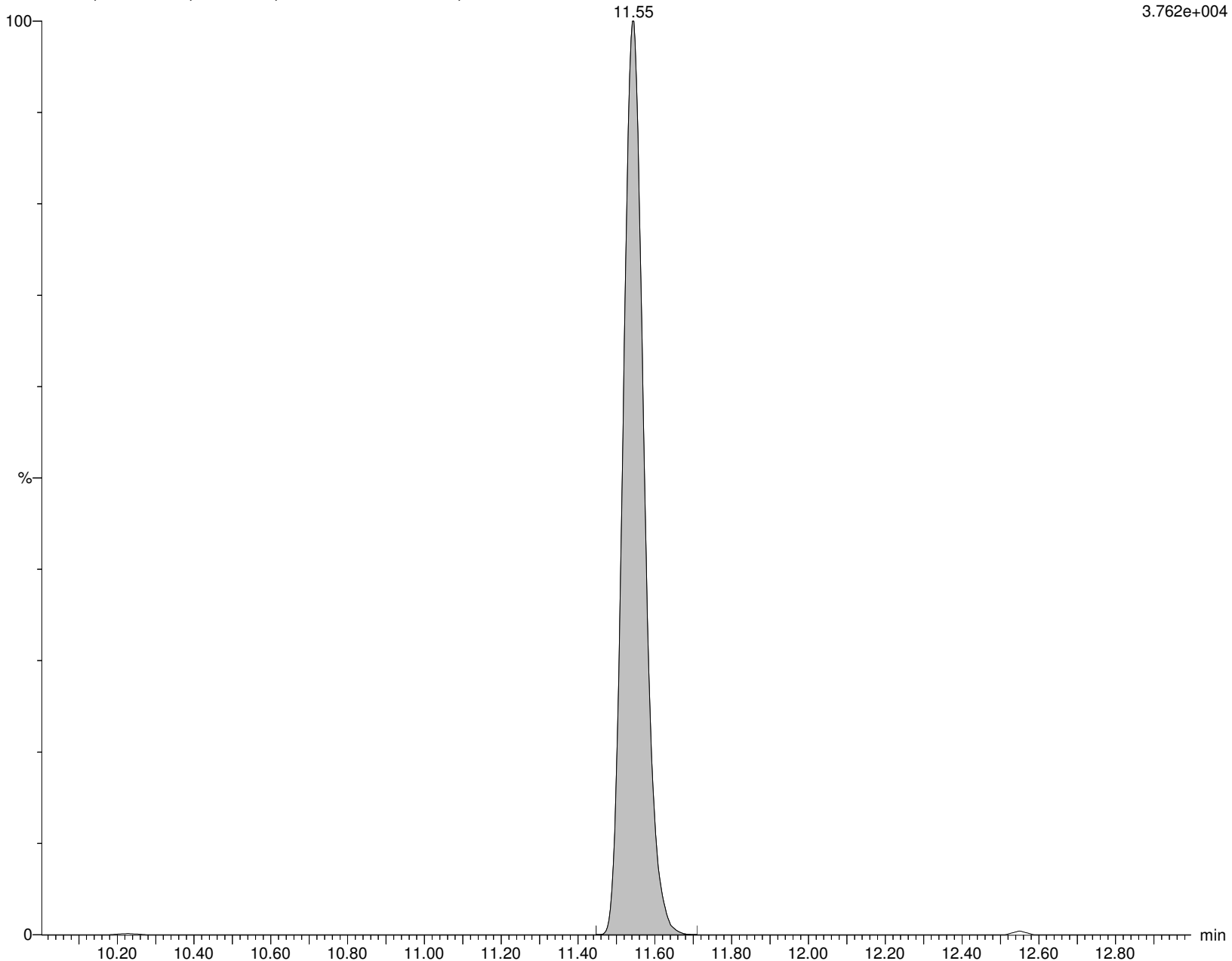
WG1225360,WG1223365,ICAL15513,537ILOW WG1225360-1,537ILOW

11CL-PFOUdS

F50:MRM of 1 channel,ES-

630.862 > 450.854

3.762e+004



Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld
Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time
Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Method: C:\MassLynx\Data\2019\190411_537ISO.PRO\MethDB\537ISO_Q_190215_RT.mdb 10 Apr 2019 16:27:50
Calibration: C:\MassLynx\Data\2019\190411_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 08:45:17

ID: WG1225360-2,537IMED
Name: I3790
Date: 11-Apr-2019
Time: 14:37:00
Description: WG1225360,WG1224866,ICAL15513,537IMED
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:JW

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.36	212.926 > 169.111	43797		9.049		na	90.5
2	M3PFBA	INT STD	2.36	215.926 > 172.122	49304		10.387		na	103.9
3	MPFBA	INT STD	2.36	216.926 > 172.137	56422		10.593		na	105.9
4	PFPeA	2706-90-3	5.25	262.926 > 219.002	66536		8.438		na	84.4
5	M5PFPEA	INT STD	5.25	267.989 > 223.081	73629		11.113		na	111.1
6	PFBS	375-73-5	5.89	298.989 > 80.295	11047		7.422		na	83.9
7	M3PFBS	INT STD	5.89	301.989 > 80.254	14258		10.304		na	103.0
8	4:2FTS	757124-72-4	7.05	326.926 > 306.957	4402		8.072	2.25	YES	86.3
9	M2-4:2FTS	INT STD	7.05	329.117 > 309.079	4641		7.230		na	72.3
10	PFHxA	307-24-4	7.13	312.989 > 269.028	76478		8.285	17.70	NO	82.8
11	M5PFHxA	INT STD	7.13	317.989 > 273.045	91162		10.736		na	107.4
12	PFPeS	2706-91-4	7.44	348.926 > 80.251	11786		7.590	1.90	NO	80.7
13	PFHpA	375-85-9	8.40	362.926 > 319.014	97135		8.363	5.48	NO	83.6
14	M4PFHpA	INT STD	8.40	366.926 > 321.979	116018		10.577		na	105.8
15	br-PFHxS	355-46-4	8.32	398.926 > 80.295	1826	M5	1.352	2.79	YES	79.6
16	L-PFHxS	355-46-4	8.55	398.926 > 80.295	8710		5.931	1.46	NO	80.2
17	PFHxS	355-46-4		398.926 > 80.295	10536		7.284		na	
18	M3PFHxS	INT STD	8.55	401.926 > 80.317	10609		10.832		na	108.3
19	br-PFOA	335-67-1		412.989 > 368.9			ND		YES	
20	L-PFOA	335-67-1	9.35	412.989 > 368.9	95293		8.237	10.08	NO	82.4
21	M2PFOA	INT STD	9.34	415.032 > 369.968	102133		10.313		na	103.1
22	PFOA	335-67-1		412.989 > 368.9	95293		8.237		na	
23	M8PFOA	INT STD	9.34	420.989 > 375.979	108198		11.030		na	110.3
24	6:2FTS	27619-97-2	9.30	426.989 > 406.921	4272		8.590		na	90.4
25	M2-6:2FTS	INT STD	9.30	428.989 > 408.917	5069		7.861		na	78.6
26	PFHpS	375-92-8	9.43	448.926 > 80.257	6729		7.977	0.93	YES	84.0
27	PFNA	375-95-1	10.10	462.989 > 418.931	83391		8.732	4.77	NO	87.3
28	M9PFNA	INT STD	10.10	472.053 > 426.947	103214		11.066		na	110.7
29	br-PFOS	1763-23-1	9.95	498.989 > 80.294	2686	M5	1.616	4.43	NO	80.8
30	L-PFOS	1763-23-1	10.14	498.989 > 80.294	8411		5.983	1.67	YES	82.0
31	PFOS	1763-23-1		498.989 > 80.294	11097		7.599		na	
32	M4PFOS	INT STD	10.14	503.032 > 80.306	11124		12.031		na	120.3
33	M8PFOS	INT STD	10.14	507.053 > 80.294	12287		10.985		na	109.9
34	PFDA	335-76-2	10.73	513.053 > 468.906	73425		8.244	6.59	NO	82.4
35	M2PFDA	INT STD	10.73	515.053 > 469.934	83098		11.016		na	110.2
36	M6PFDA	INT STD	10.73	519.053 > 473.931	96064		10.801		na	108.0
37	8:2FTS	39108-34-4	10.72	526.989 > 506.946	3703		10.305		na	107.3
38	M2-8:2FTS	INT STD	10.72	529.053 > 508.945	3228		9.094		na	90.9
39	PFNS	68259-12-1	10.75	548.989 > 80.249	8911		8.448	1.37	NO	88.0

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

ID: WG1225360-2,537IMED

Name: I3790

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:JW

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	11.10	573.096 > 418.987	6988		8.263		na	82.6
41	NMeFOSAA	2355-31-9	11.10	570.053 > 418.917	6987	M4	9.670		na	96.7
42	PFUnA	2058-94-8	11.28	562.989 > 518.903	79859		8.448	8.05	NO	84.5
43	M7-PFUDA	INT STD	11.28	570.053 > 524.923	87049		11.670		na	116.7
44	PFDS	335-77-3	11.28	598.926 > 80.314	8986		9.111	1.33	YES	94.4
45	FOSA	754-91-6	11.06	497.989 > 78.245	30414		8.468		na	84.7
46	M8FOSA	INT STD	11.07	506.053 > 78.286	34840		12.474		na	124.7
47	d5-NEtFOSAA	INT STD	11.38	589.117 > 418.929	6753		8.824		na	88.2
48	NEtFOSAA	2991-50-6	11.39	583.989 > 418.927	6402		8.757	2.49	YES	87.6
49	PFDoA	307-55-1	11.75	612.989 > 568.967	73097		8.972	13.99	NO	89.7
50	MPFDOA	INT STD	11.75	614.989 > 569.92	89586		10.468		na	104.7
51	PFTTrDA	72629-94-8	12.16	663.053 > 618.969	52137		8.522	11.68	NO	85.2
52	PFTA	376-06-7	12.51	713.053 > 668.976	44052		8.542	9.12	NO	85.4
53	M2PFTEDA	INT STD	12.51	715.053 > 669.945	60978		10.701		na	107.0
54	M3HFPO-DA	INT STD		331.989 > 286.995			ND		na	
55	HFPO-DA	13252-13-6	7.56	328.989 > 284.982	994		ND		na	
56	ADONA	958445-44-8	8.58	376.926 > 251.005	136622		7.413		YES	78.3
57	PFHxDA		12.87	813.053 > 769.005	30710		10.045		na	100.5
58	PFODA		13.14	912.989 > 869.032	24281		8.309		na	83.1
59	M2PFHxDA		12.87	815.372 > 770.158	7754		7.118		na	71.2
60	10:2FTS			626.862 > 606.896			ND		na	
61	9CL-PF3ONS		10.50	530.862 > 350.843	54165		19332.260		na	20742...
62	11CL-PFOUdS		11.54	630.862 > 450.854	50416		ND		na	

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Method: C:\MassLynx\Data\2019\190411_537ISO.PRO\MethDB\537ISO_Q_190215_RT.mdb 10 Apr 2019 16:27:50

Calibration: C:\MassLynx\Data\2019\190411_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 08:45:17

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

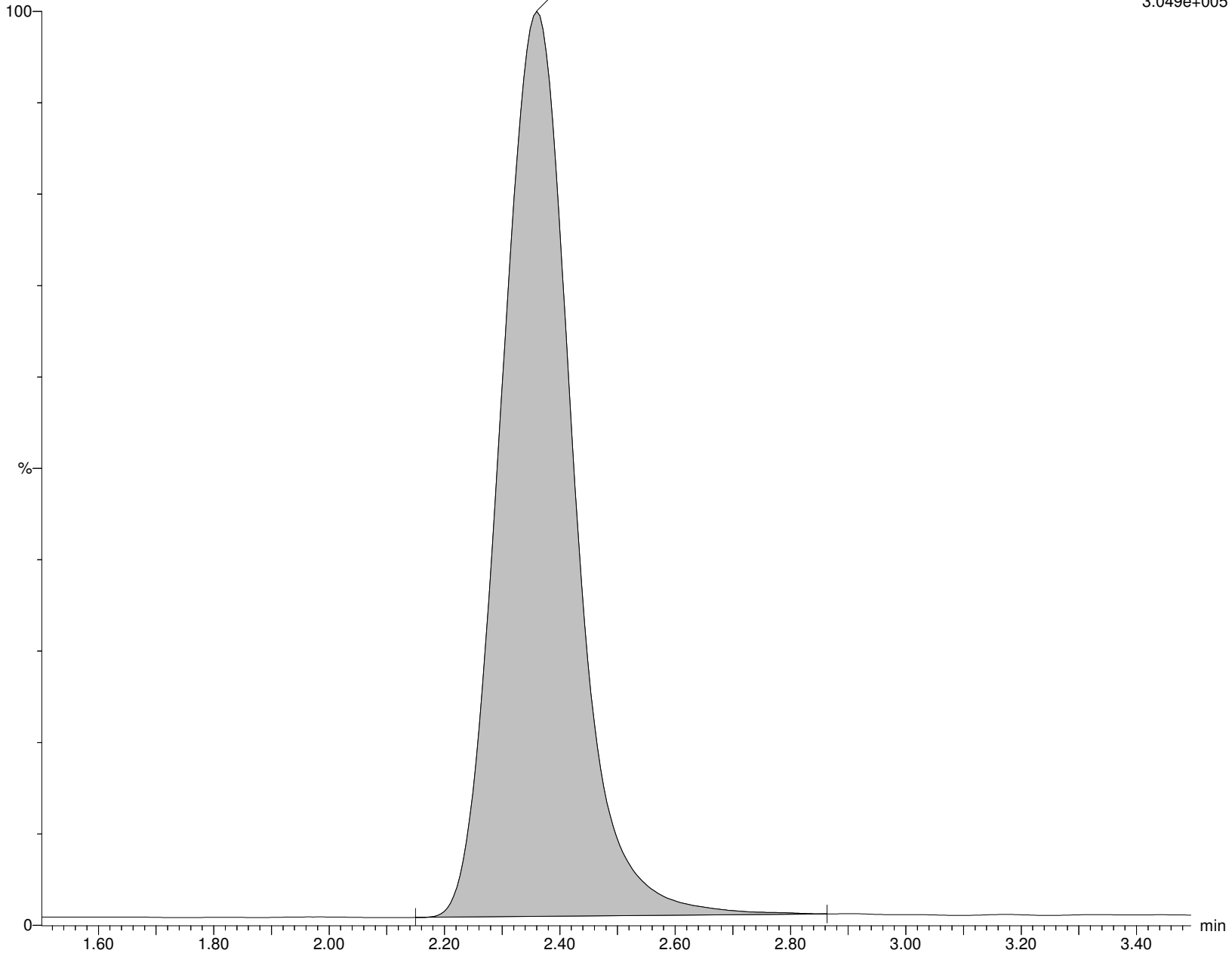
Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBA

I3790 Smooth(Mn,2x5)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

PFBA
2.36F1:MRM of 1 channel,ES-
212.926 > 169.111
3.049e+005

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBA

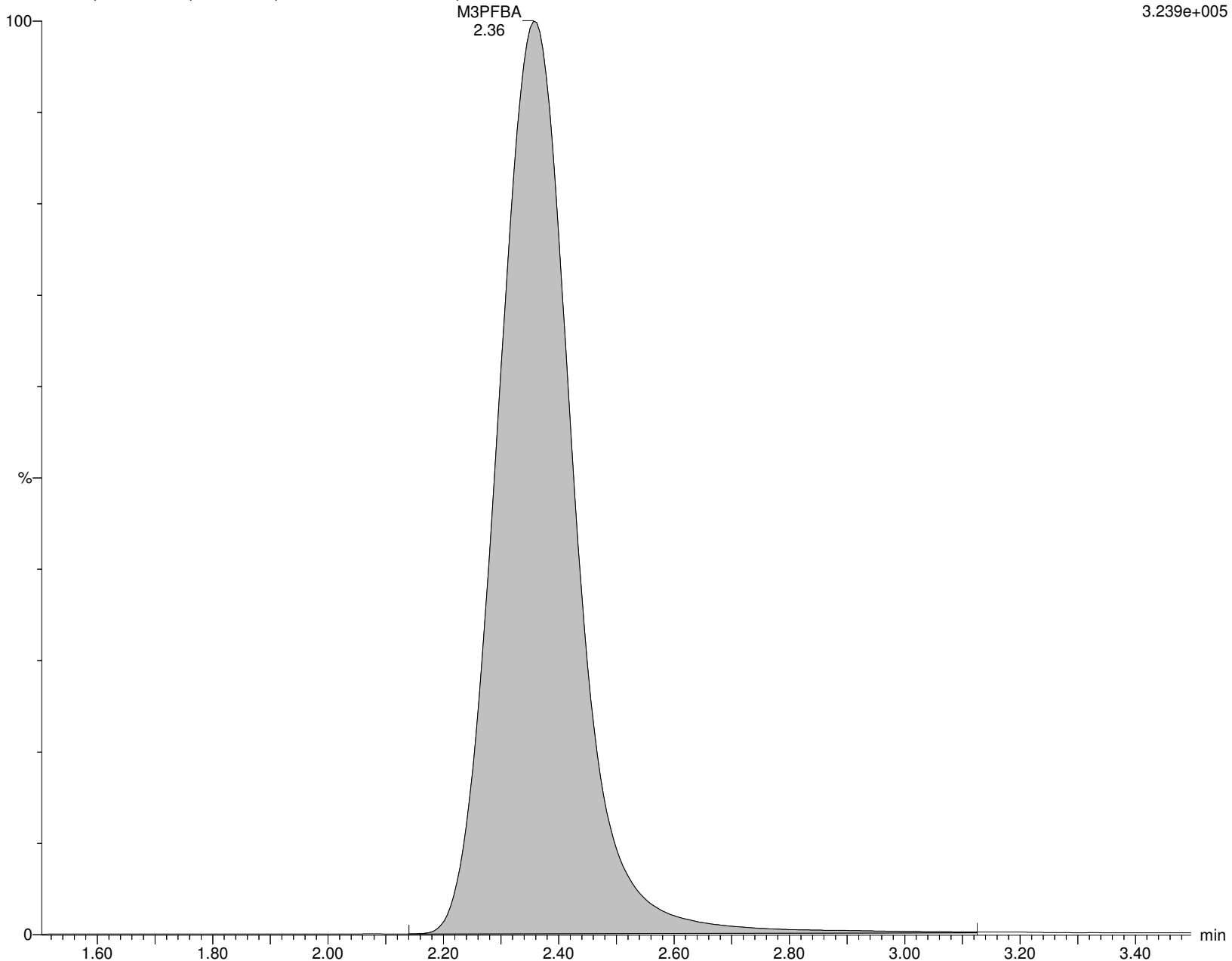
I3790 Smooth(Mn,2x6)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F2:MRM of 1 channel,ES-

215.926 > 172.122

3.239e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFBA

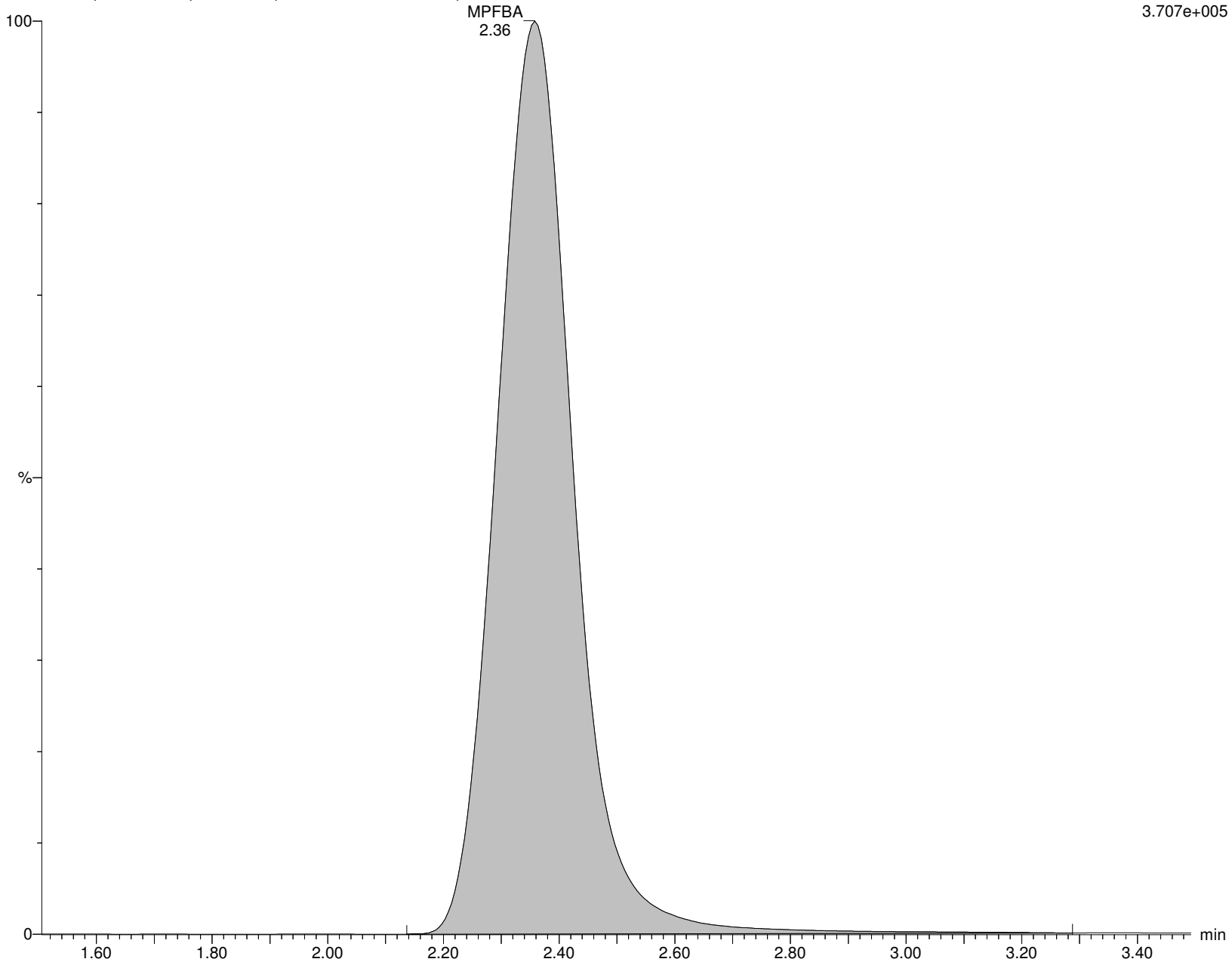
I3790 Smooth(Mn,2x6)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F3:MRM of 1 channel,ES-

216.926 > 172.137

3.707e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeA

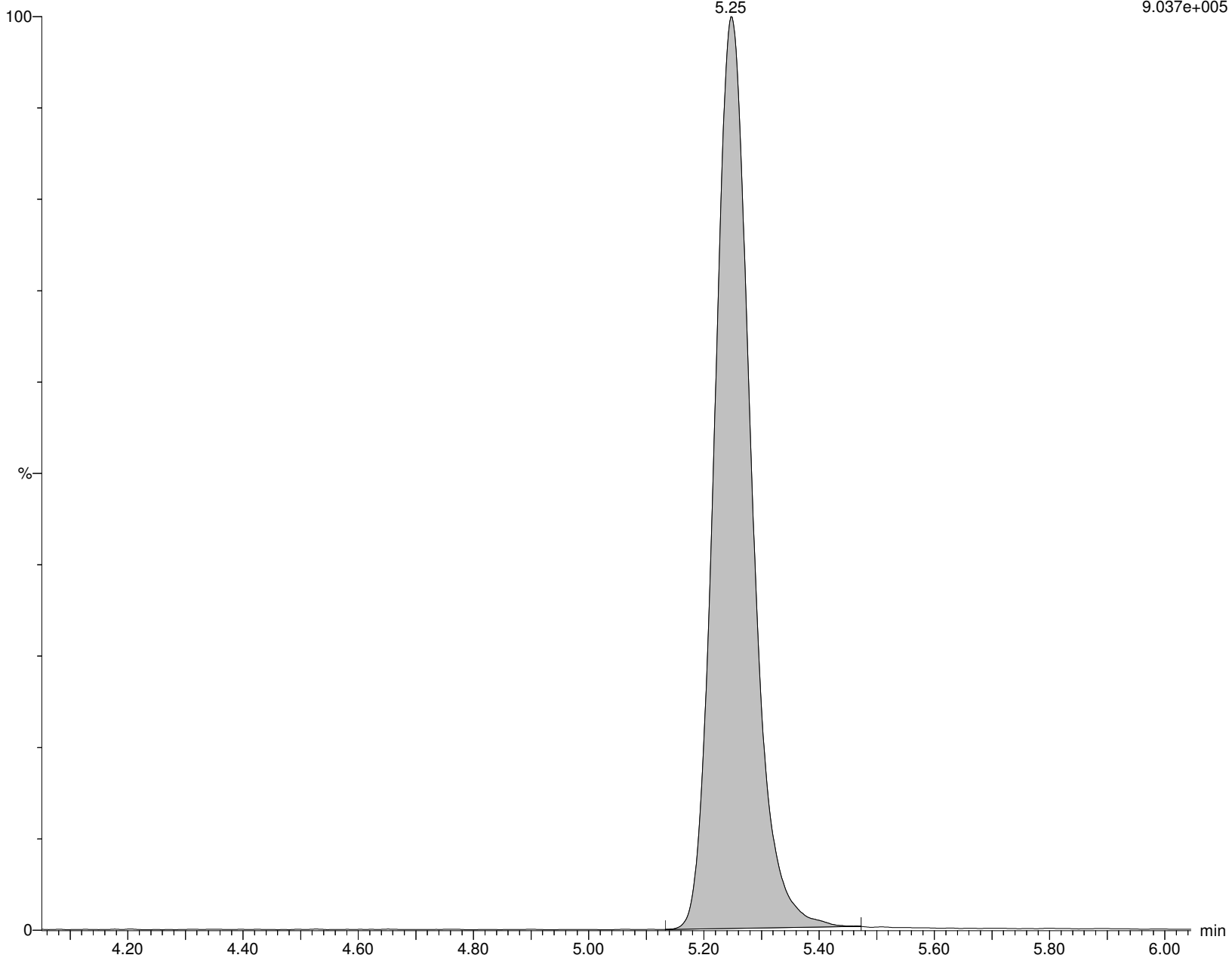
I3790 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F4:MRM of 2 channels,ES-

262.926 > 219.002

9.037e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFPEA

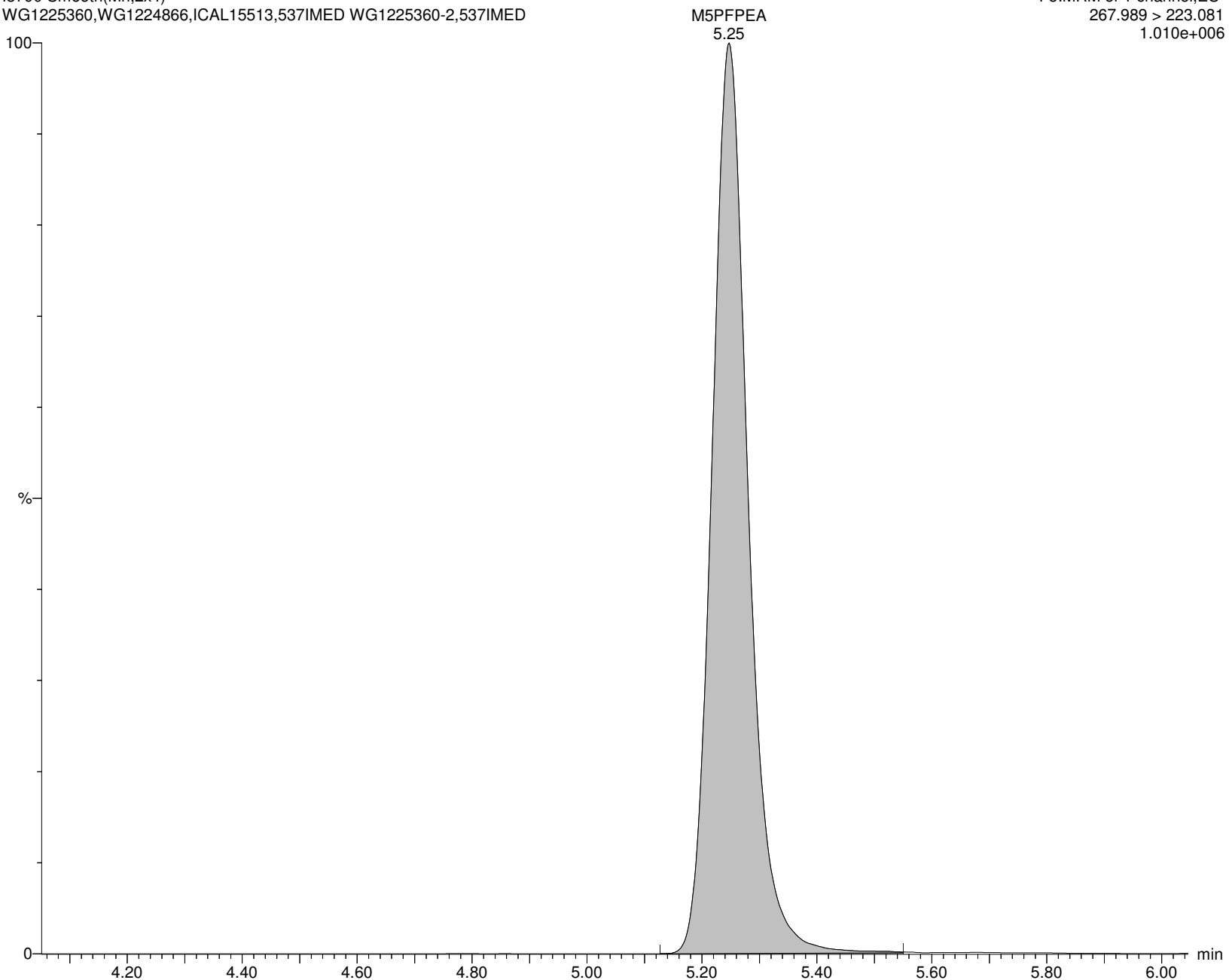
I3790 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F5:MRM of 1 channel,ES-

267.989 > 223.081

1.010e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBS

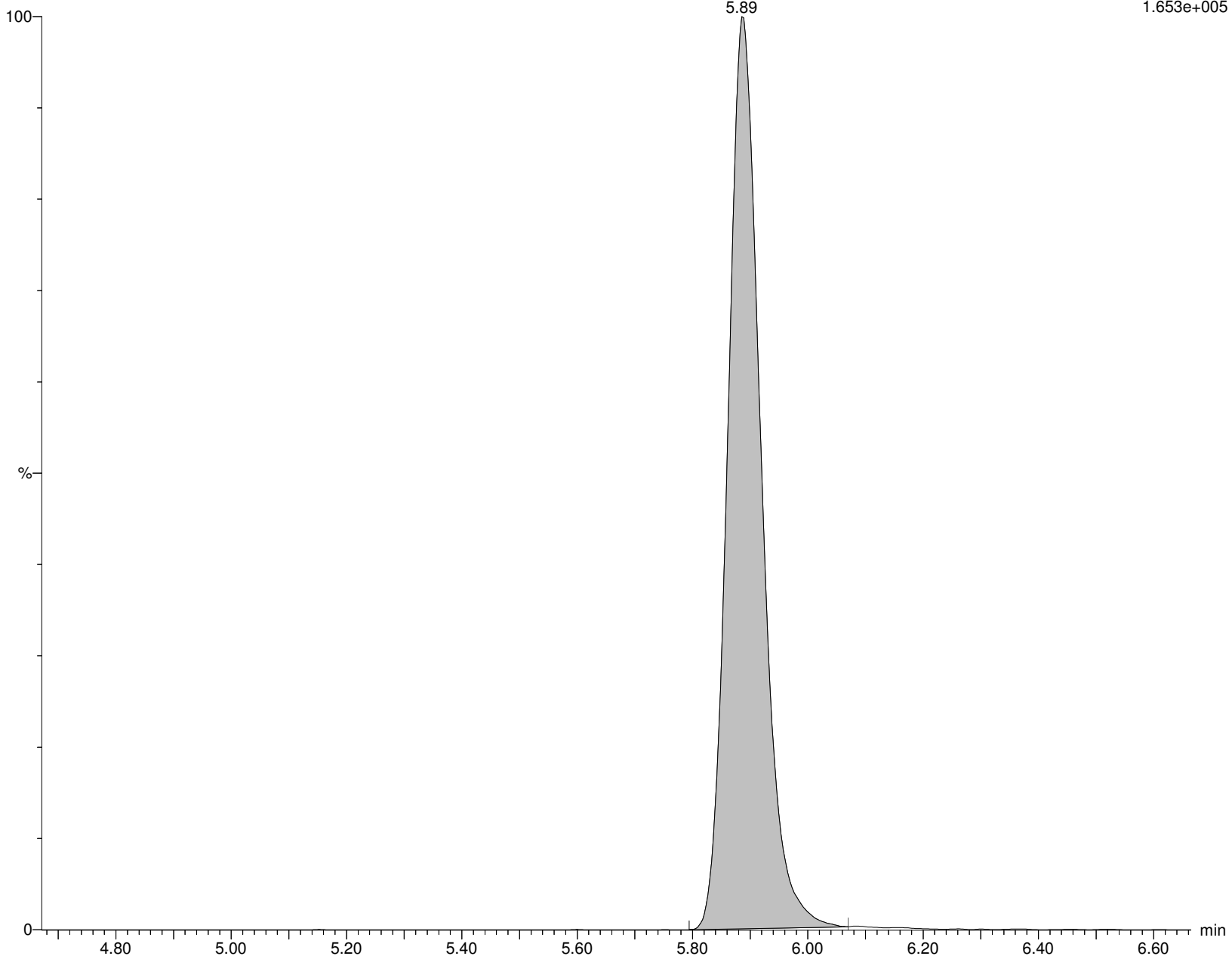
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F6:MRM of 2 channels,ES-

298.989 > 80.295

1.653e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBS

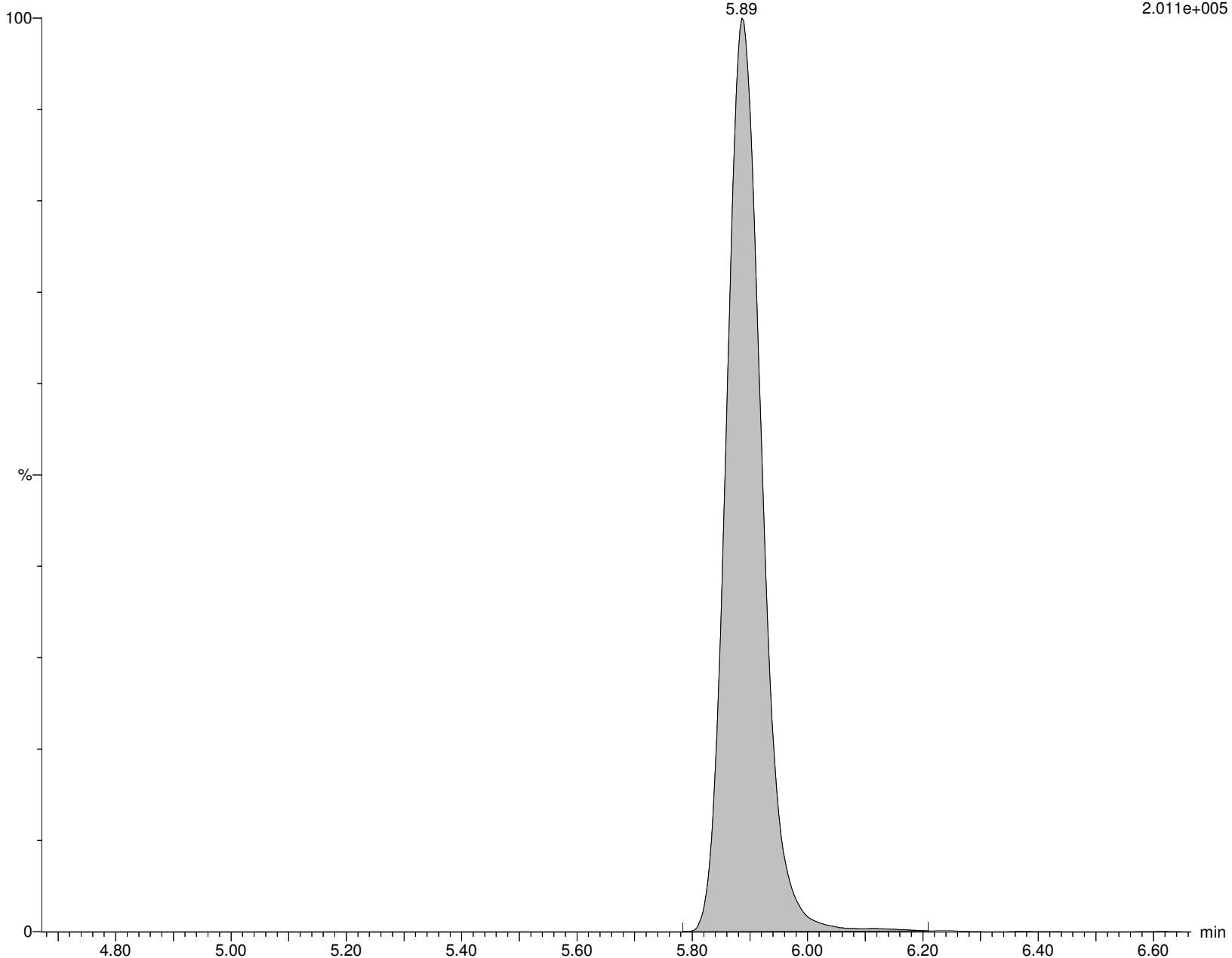
I3790 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F7:MRM of 1 channel,ES-

301.989 > 80.254

2.011e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

4:2FTS

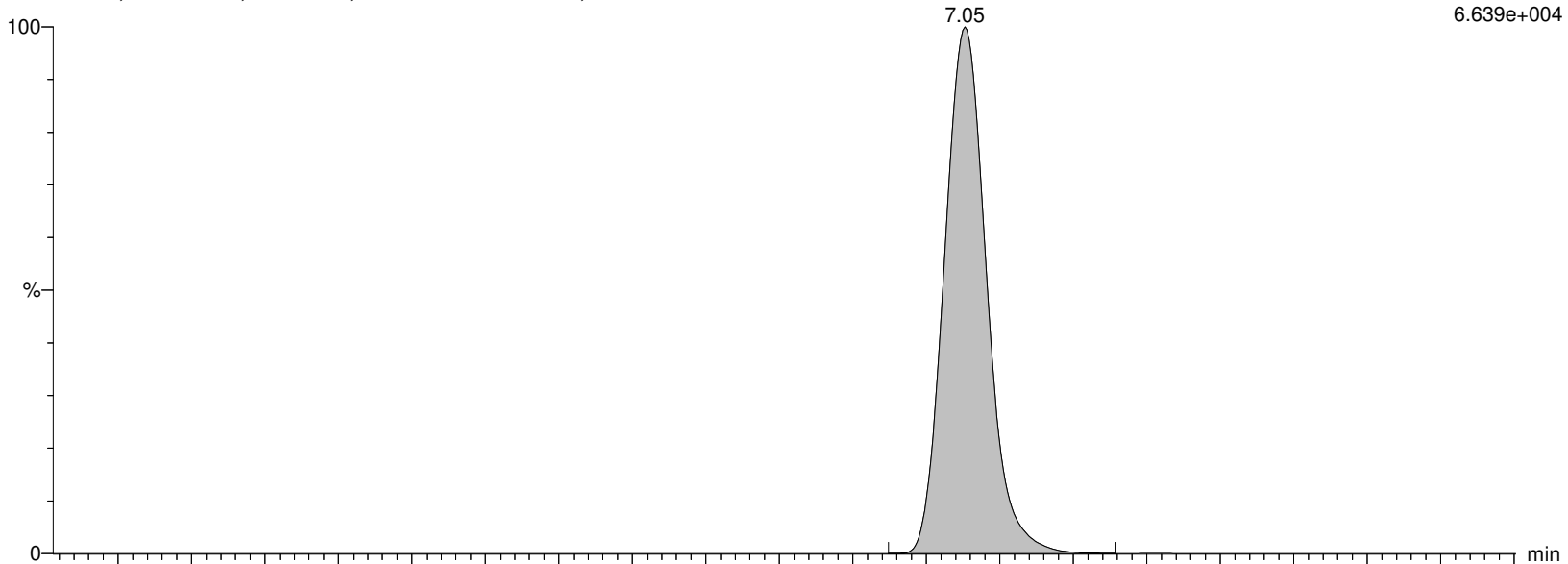
I3790 Smooth(Mn,5x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F10:MRM of 2 channels,ES-

326.926 > 306.957

6.639e+004



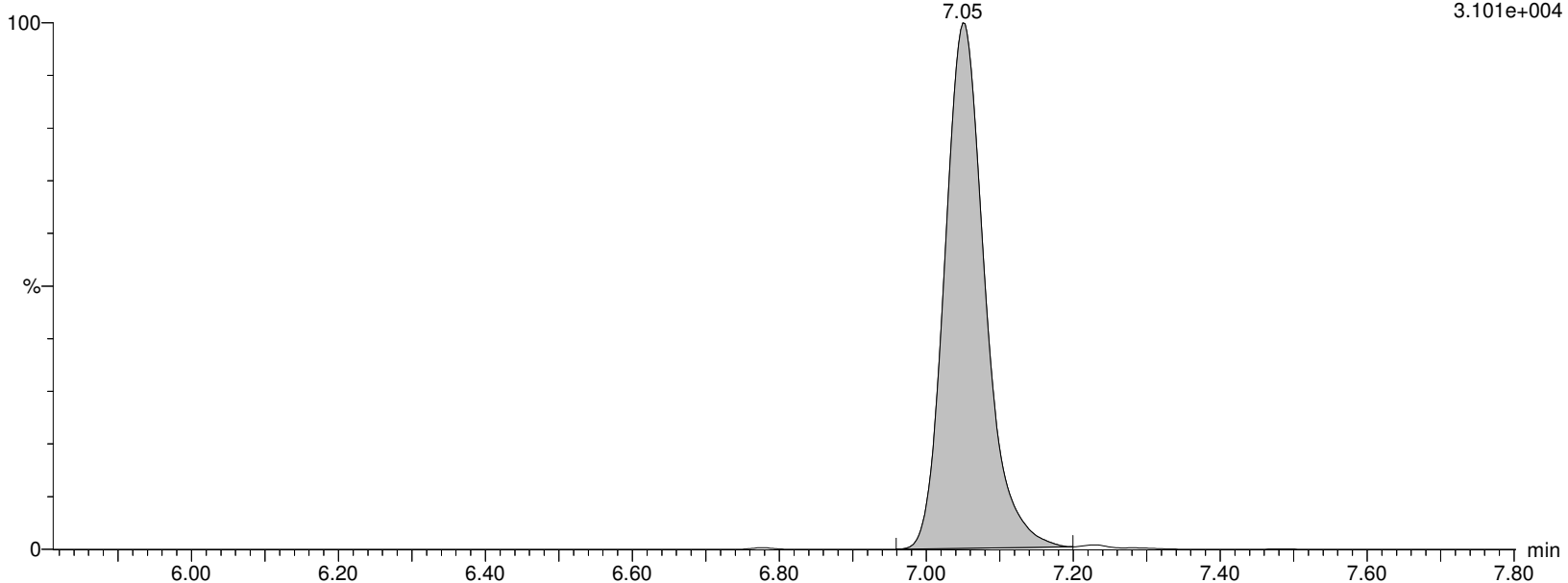
I3790 Smooth(Mn,5x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F10:MRM of 2 channels,ES-

326.926 > 81.02

3.101e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-4:2FTS

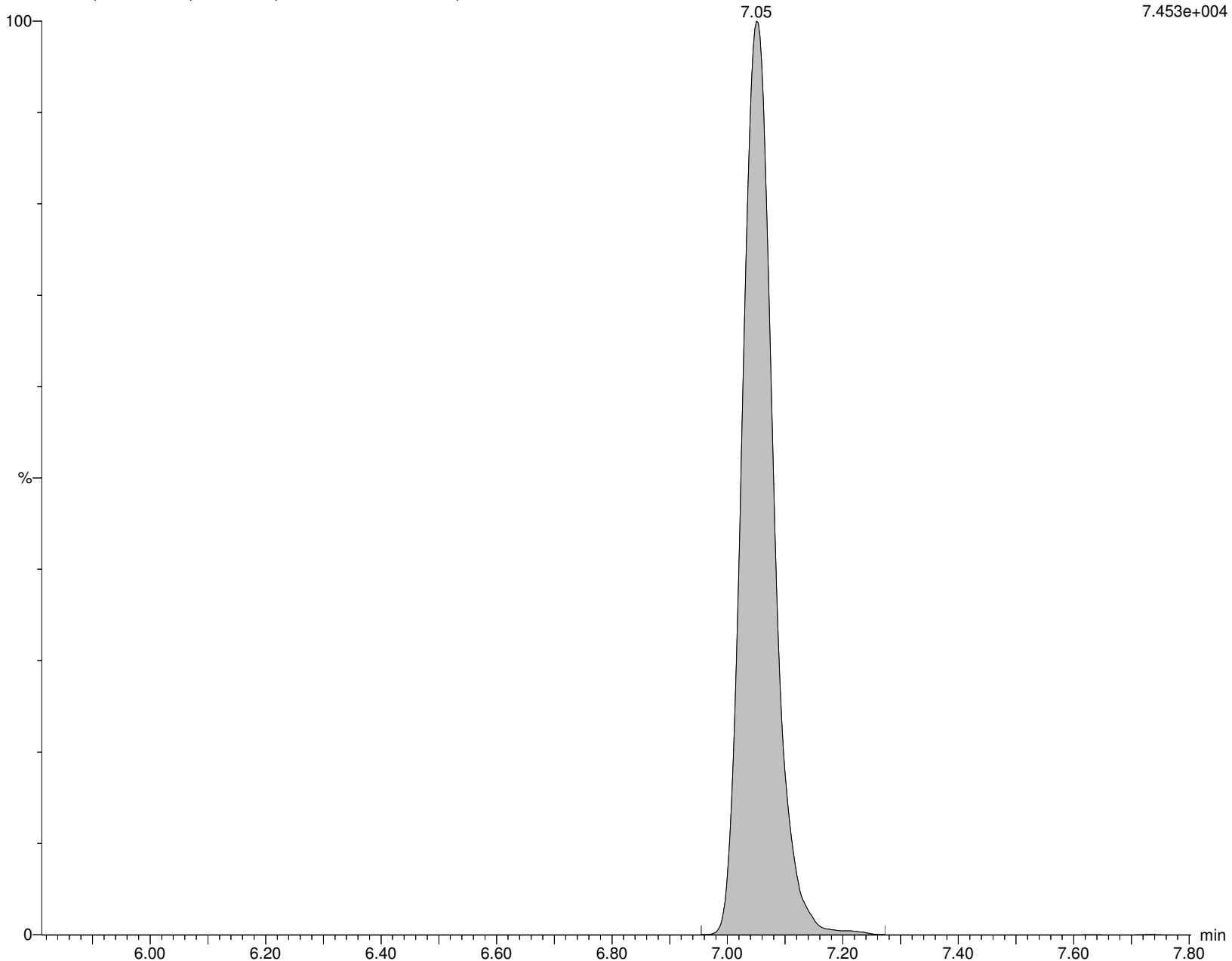
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F12:MRM of 2 channels,ES-

329.117 > 309.079

7.453e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxA

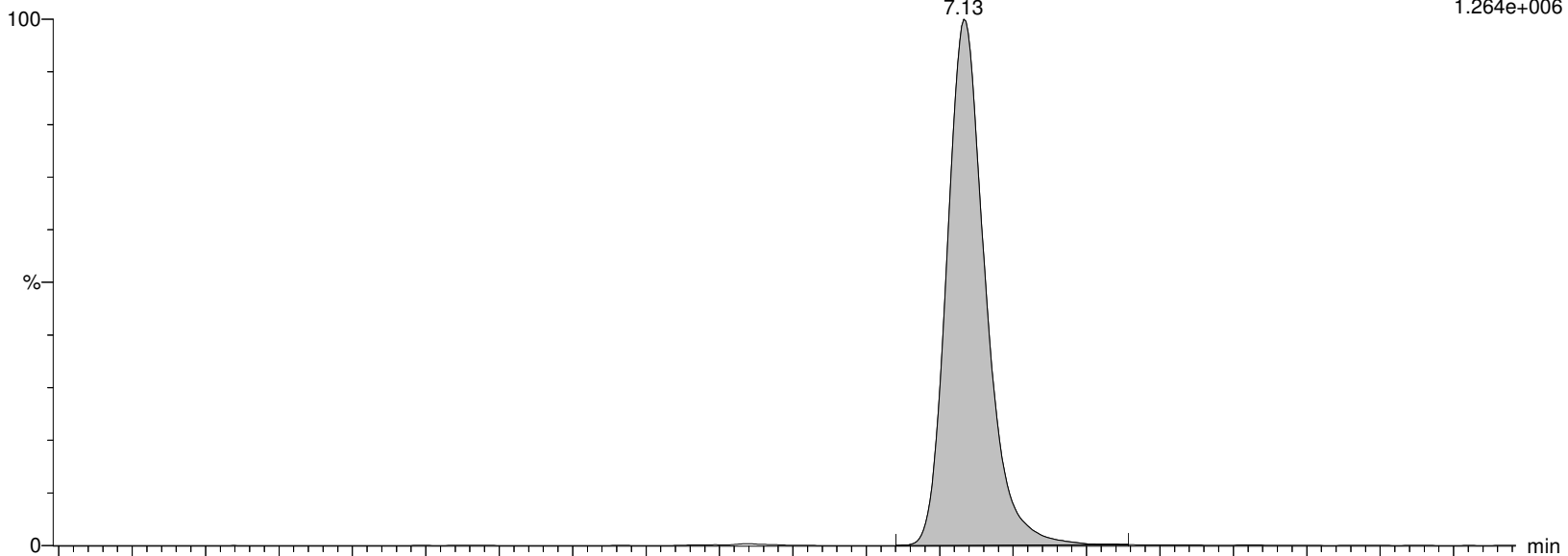
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F8:MRM of 2 channels,ES-

312.989 > 269.028

1.264e+006



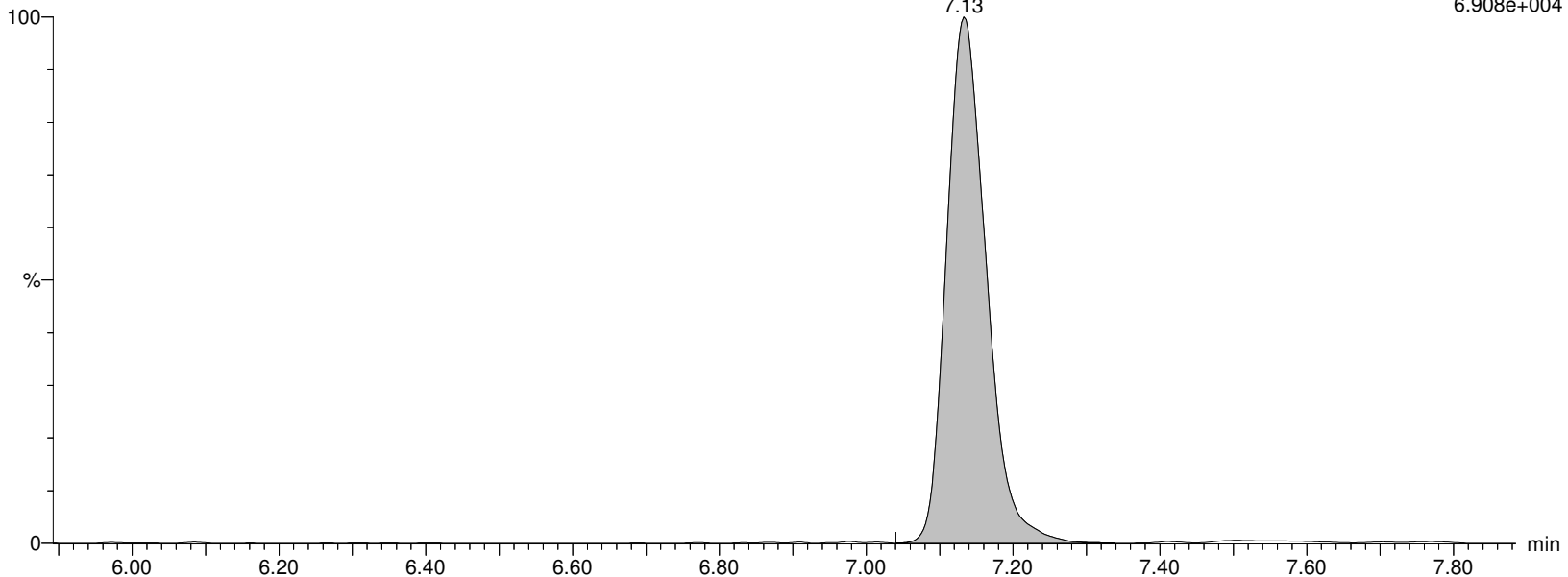
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F8:MRM of 2 channels,ES-

312.989 > 119.18

6.908e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFHxA

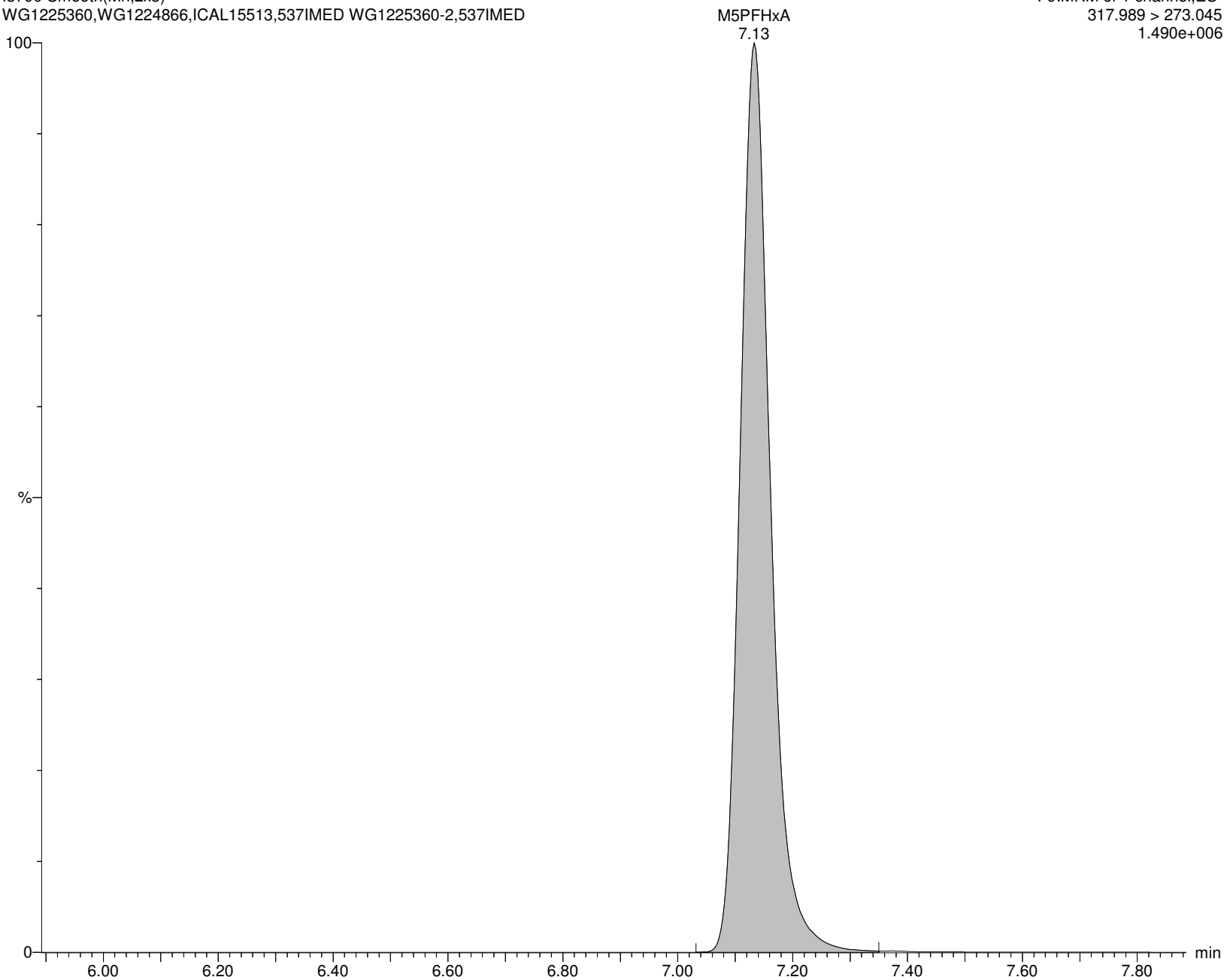
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F9:MRM of 1 channel,ES-

317.989 > 273.045

1.490e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360, WG1224866, ICAL15513, 537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeS

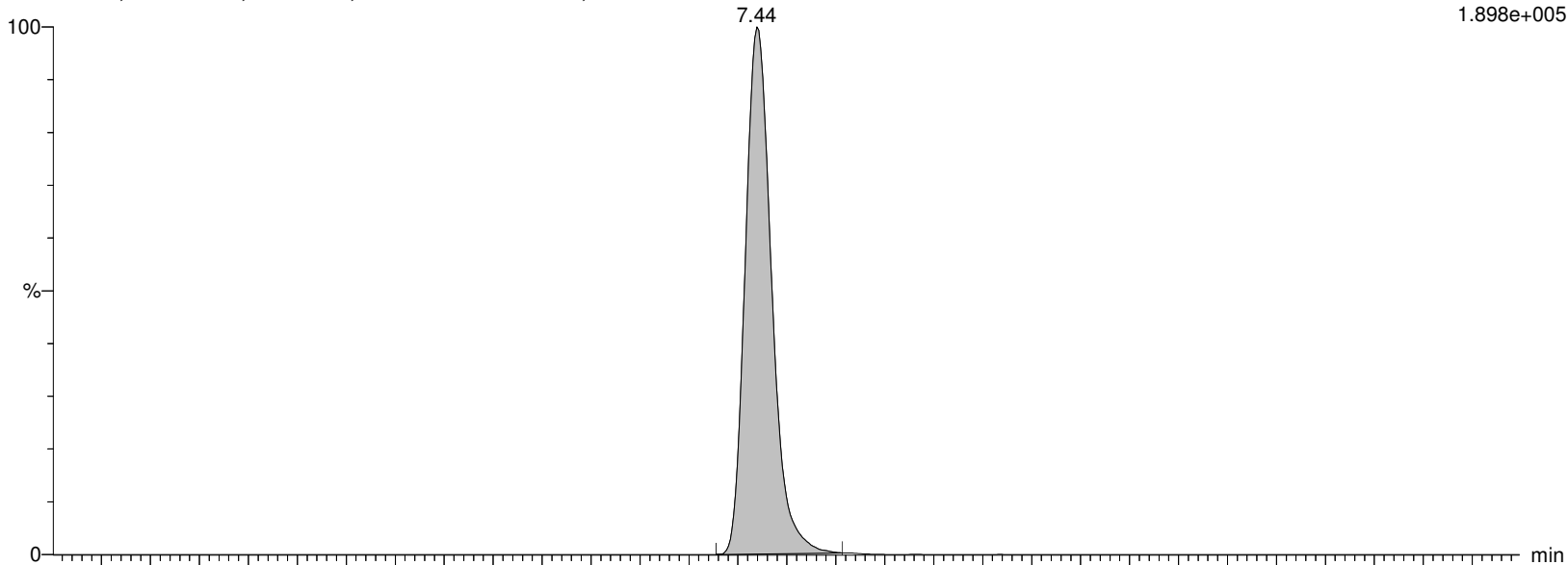
I3790 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513, 537IMED WG1225360-2, 537IMED

F14:MRM of 2 channels, ES-

348.926 > 80.251

1.898e+005



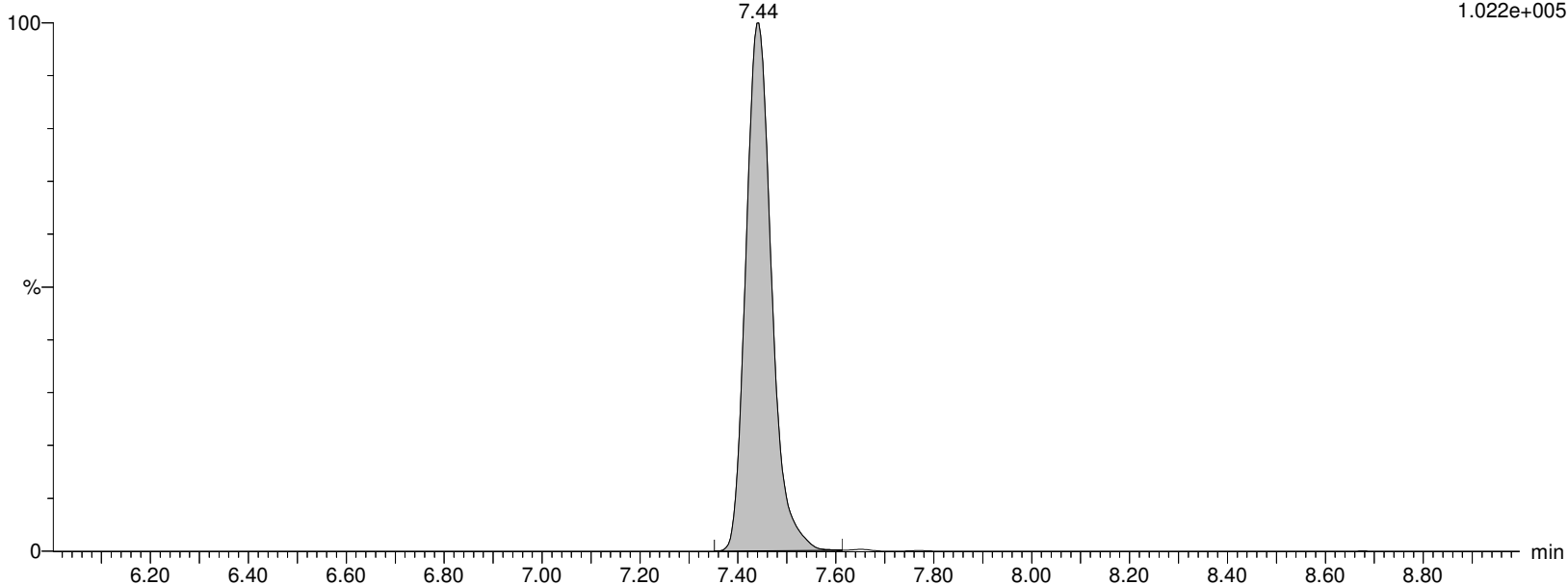
I3790 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513, 537IMED WG1225360-2, 537IMED

F14:MRM of 2 channels, ES-

348.926 > 99.16

1.022e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpA

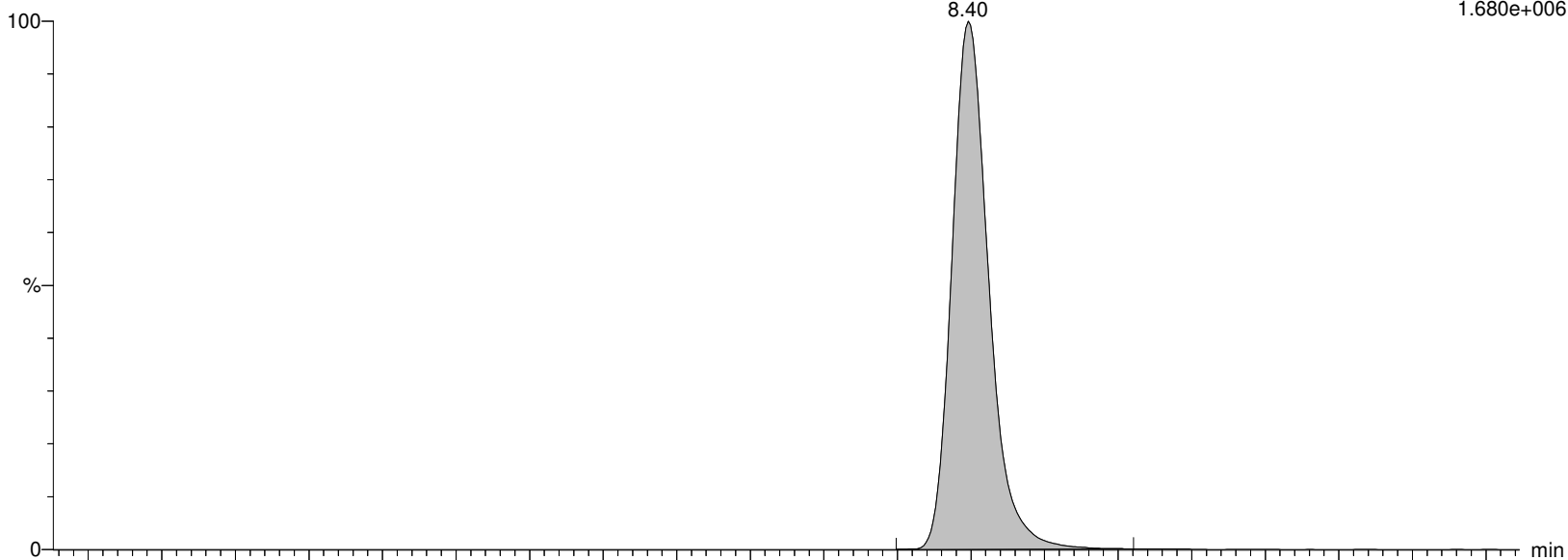
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F15:MRM of 2 channels,ES-

362.926 > 319.014

1.680e+006



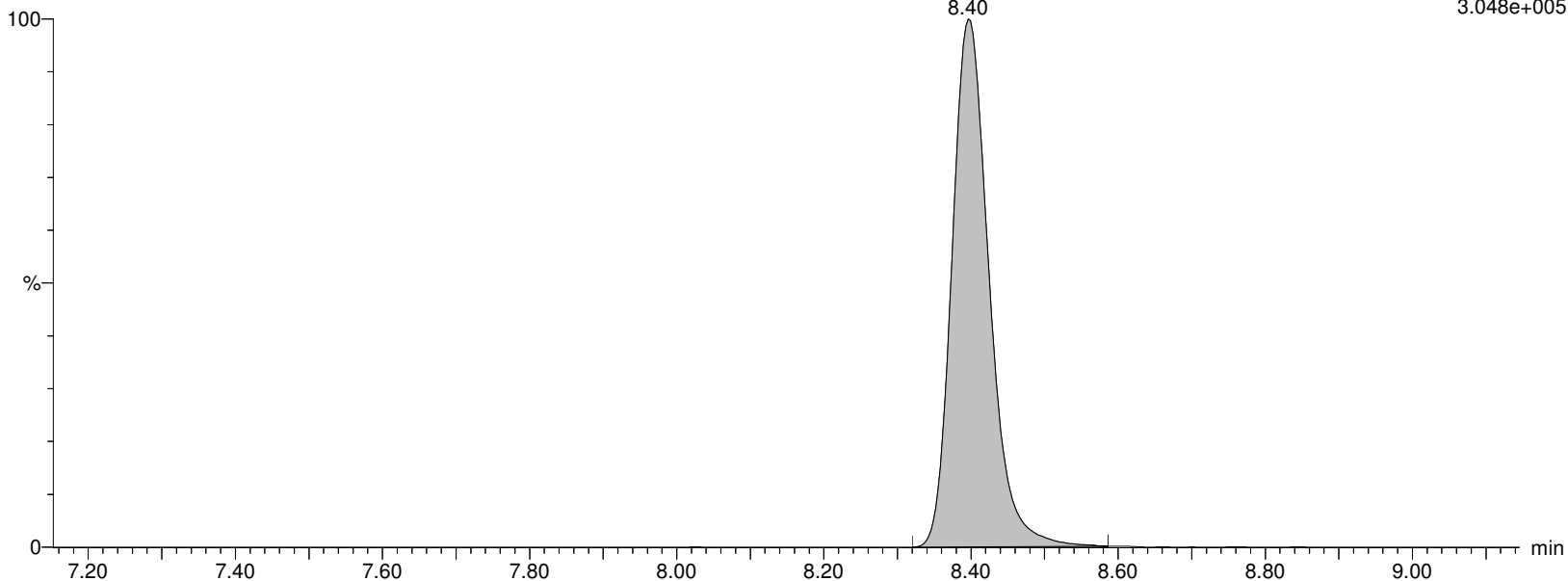
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F15:MRM of 2 channels,ES-

362.926 > 169.12

3.048e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFHpA

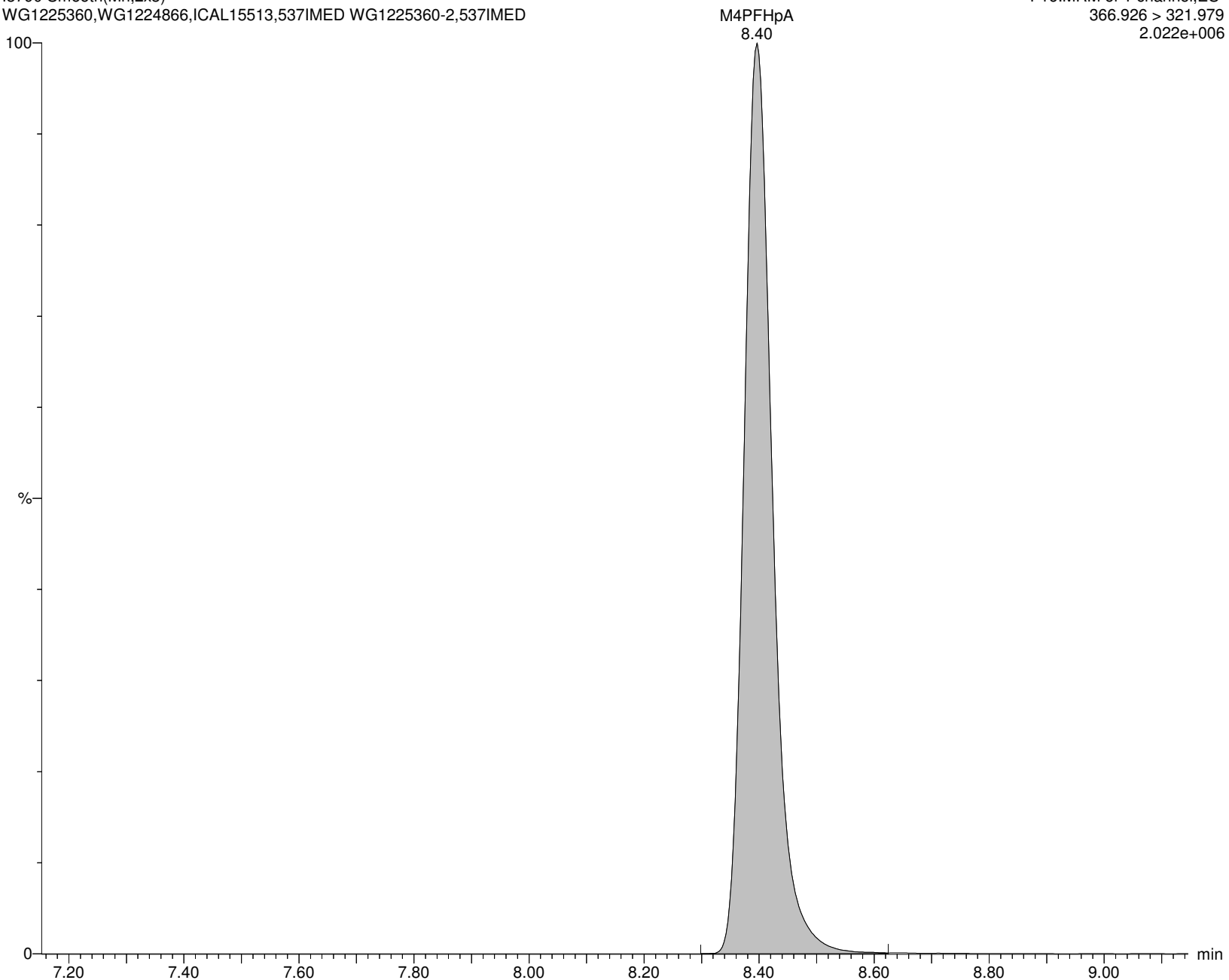
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F16:MRM of 1 channel,ES-

366.926 > 321.979

2.022e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFHxS

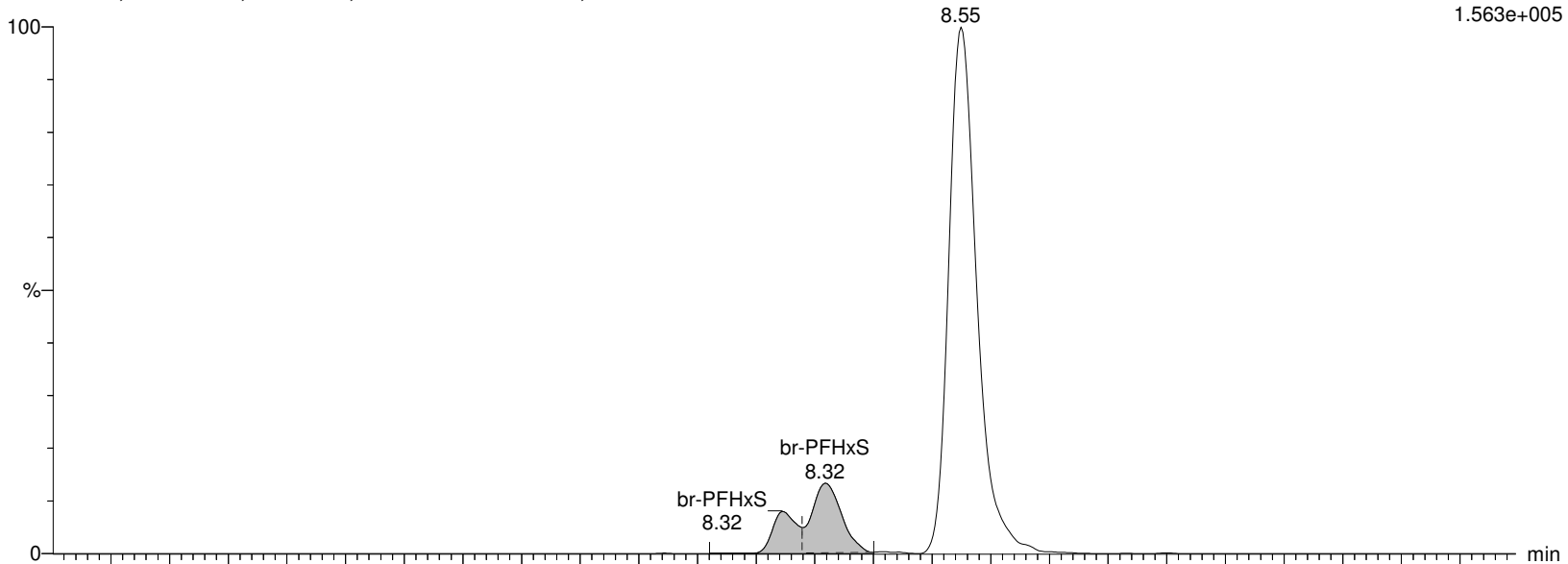
I3790 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F18:MRM of 2 channels,ES-

398.926 > 80.295

1.563e+005



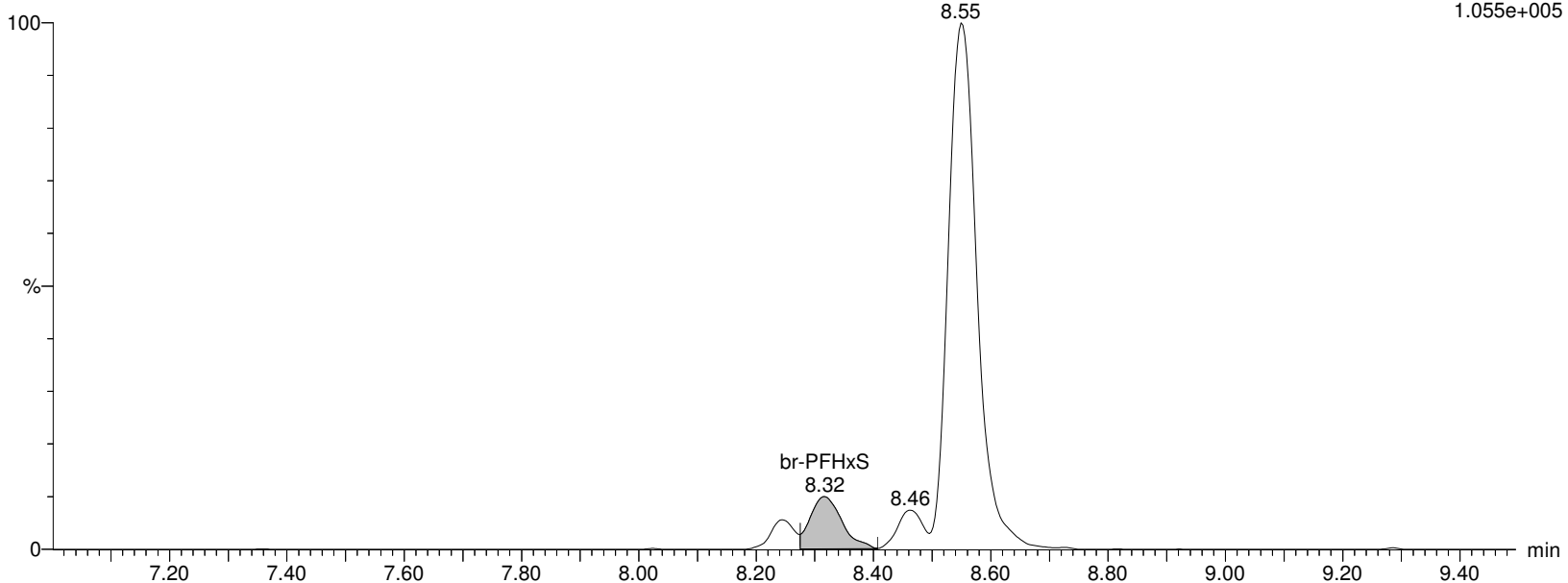
I3790 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F18:MRM of 2 channels,ES-

398.926 > 99.2

1.055e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFHxS

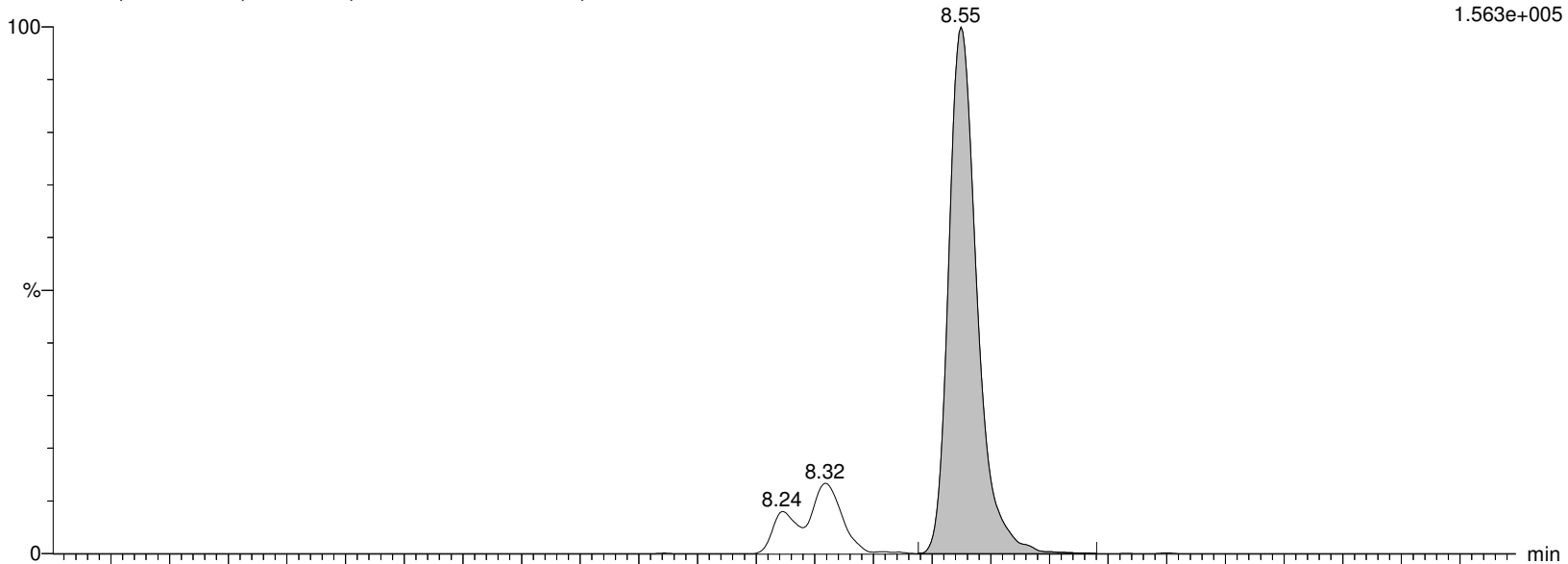
I3790 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F18:MRM of 2 channels,ES-

398.926 > 80.295

1.563e+005



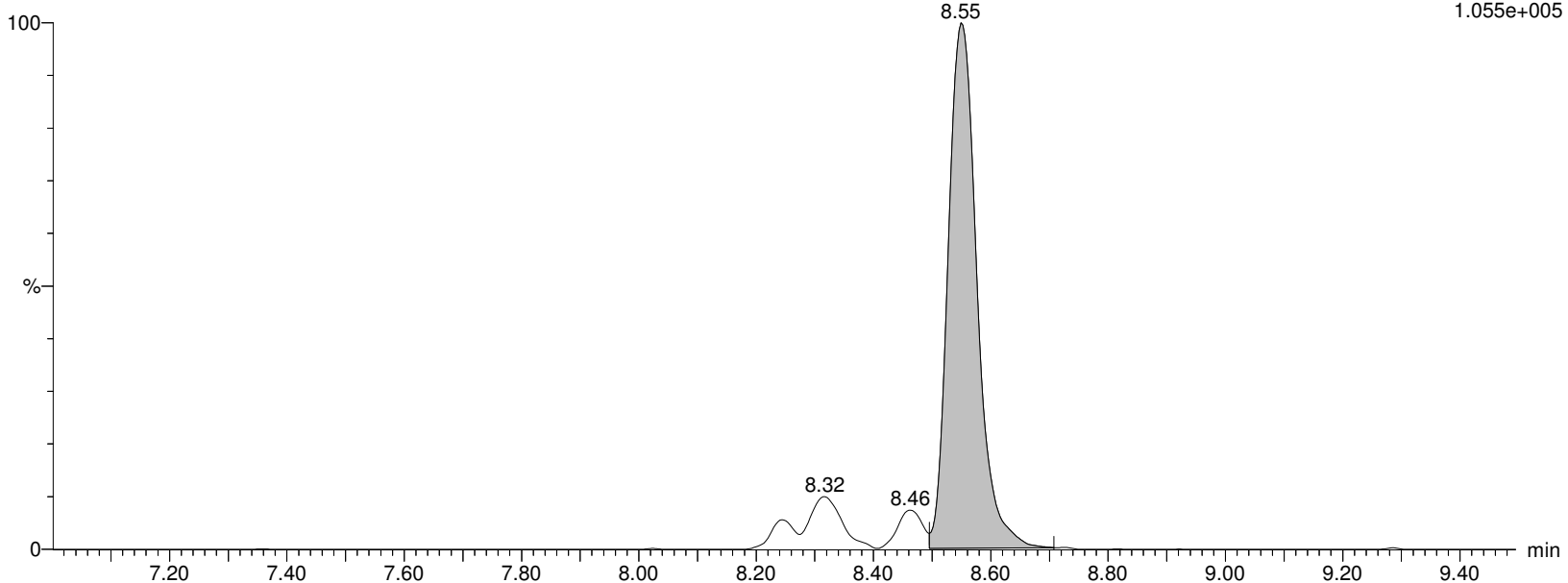
I3790 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F18:MRM of 2 channels,ES-

398.926 > 99.2

1.055e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxS

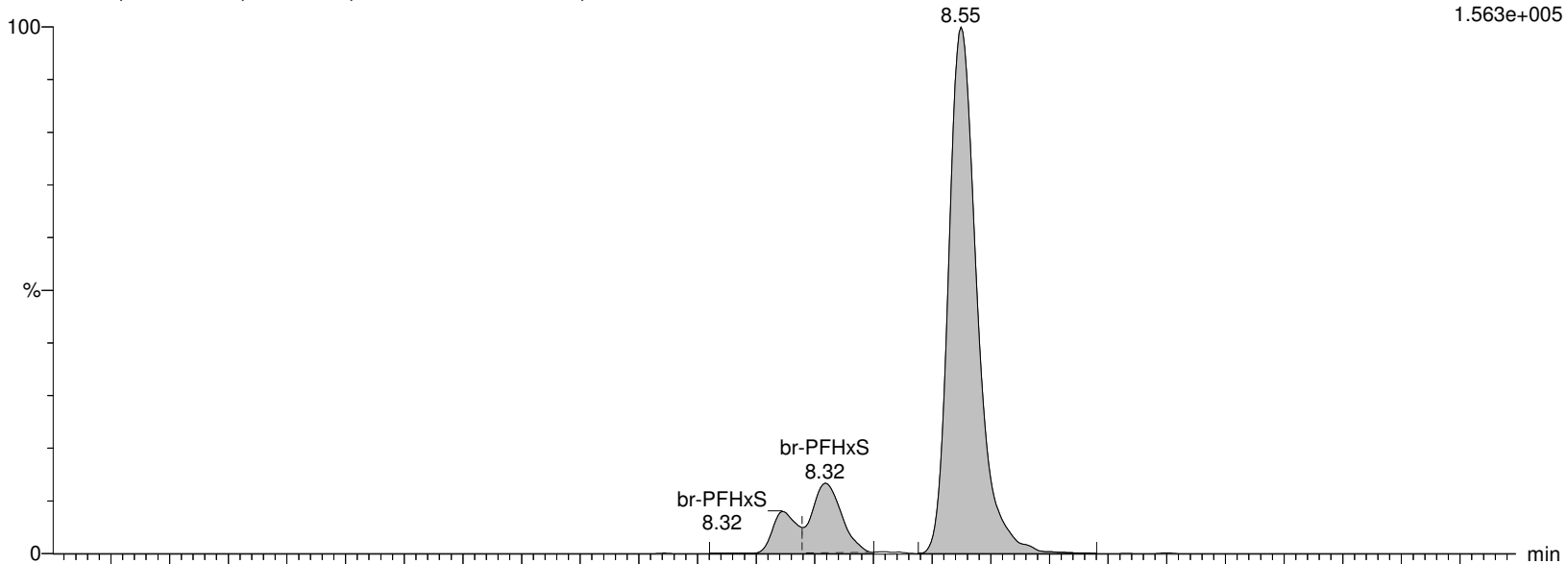
I3790 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F18:MRM of 2 channels,ES-

398.926 > 80.295

1.563e+005



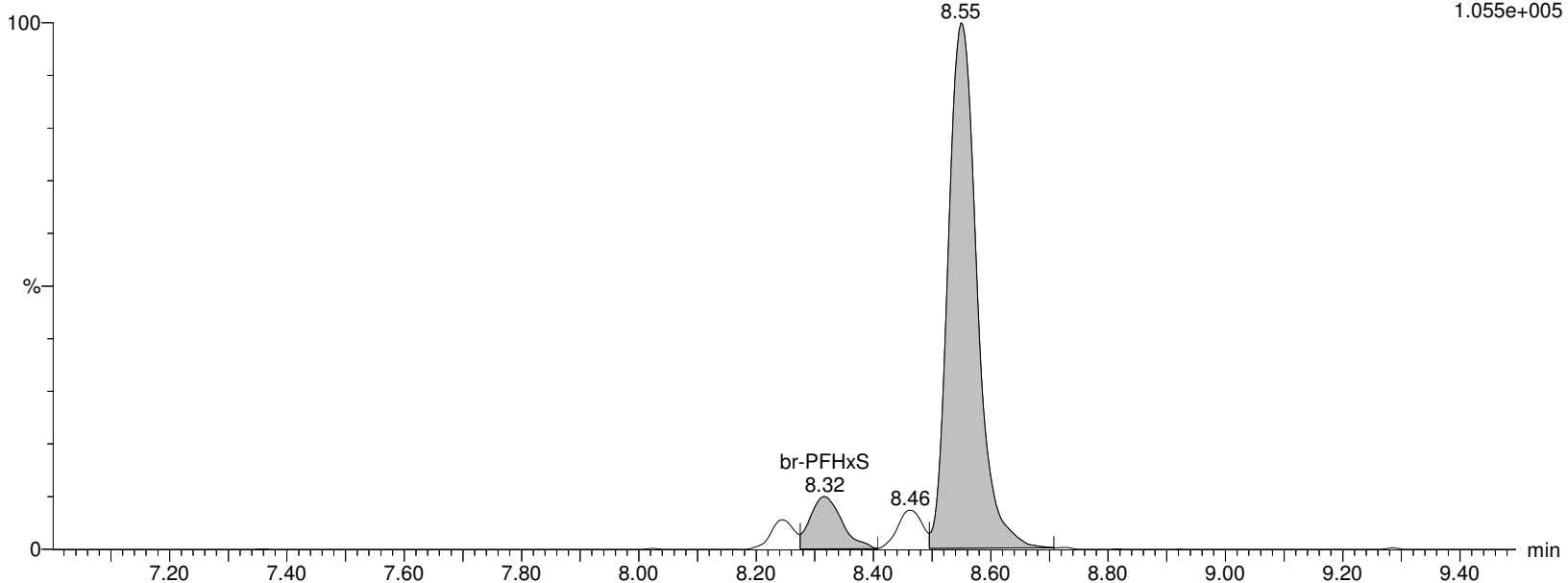
I3790 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F18:MRM of 2 channels,ES-

398.926 > 99.2

1.055e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFHxS

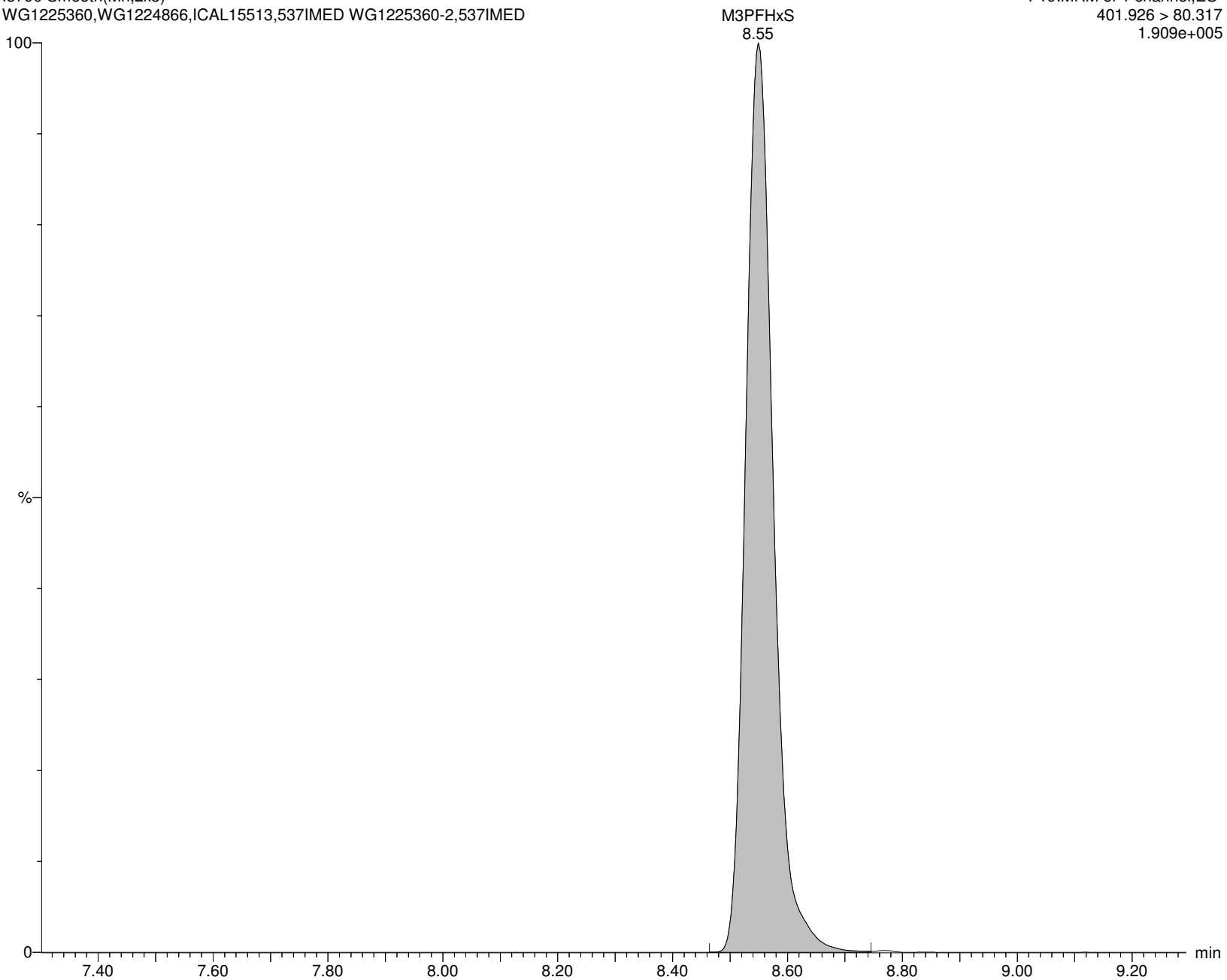
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F19:MRM of 1 channel,ES-

401.926 > 80.317

1.909e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOA

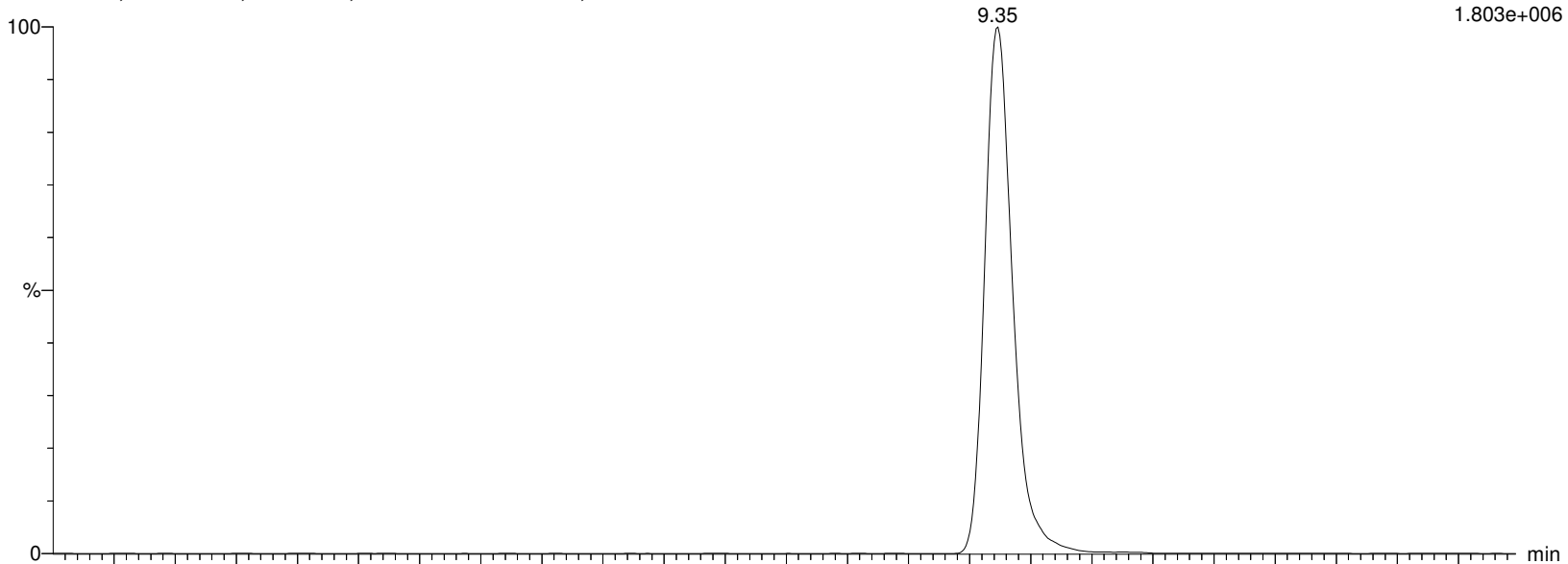
I3790 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F20:MRM of 2 channels,ES-

412.989 > 368.9

1.803e+006



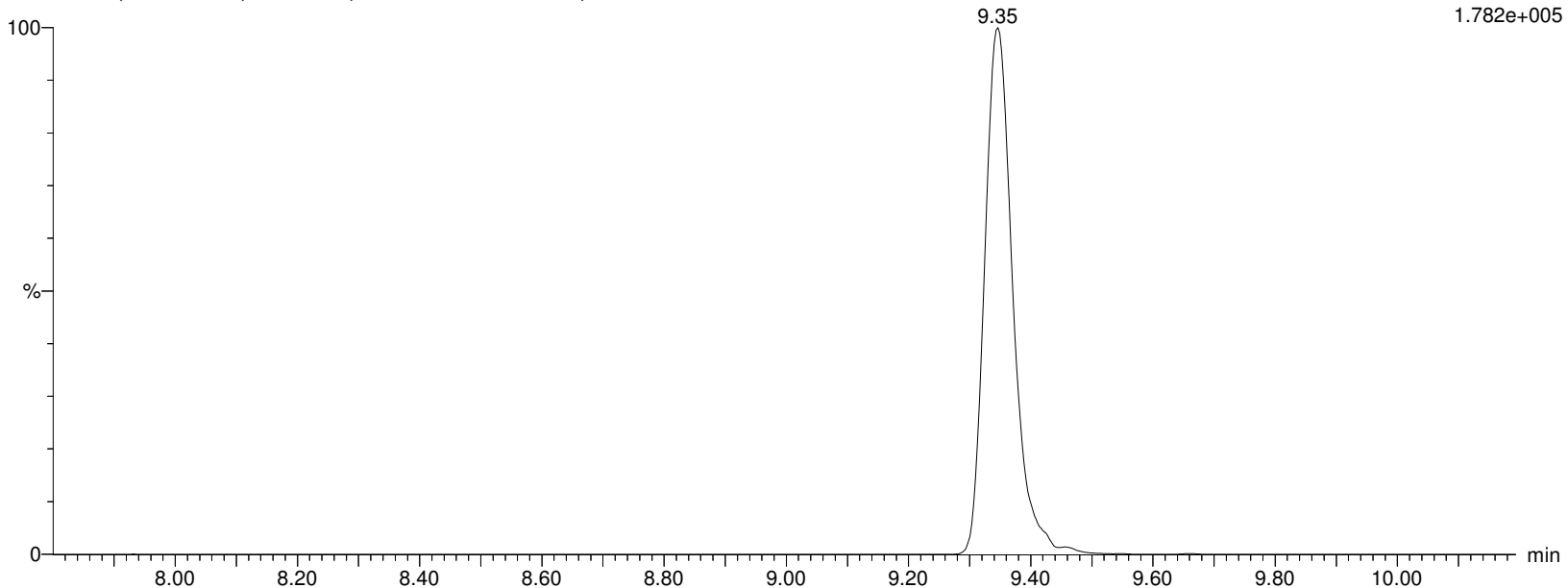
I3790 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F20:MRM of 2 channels,ES-

412.989 > 219.08

1.782e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOA

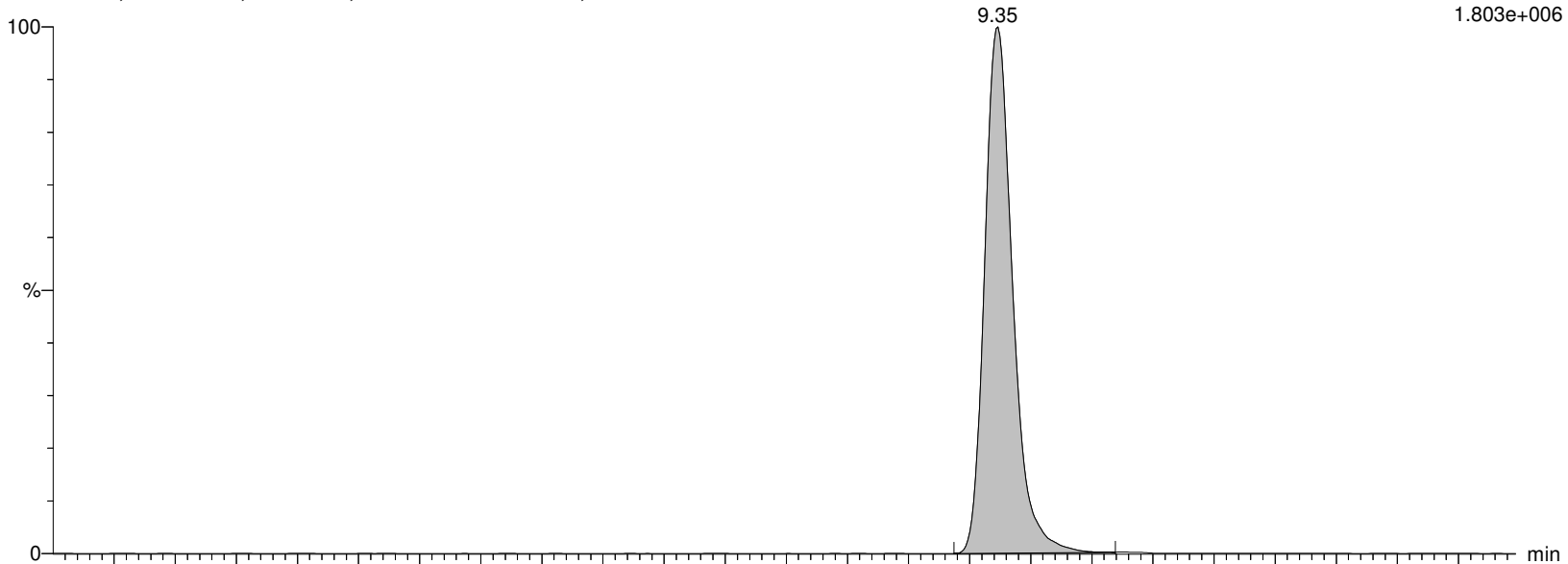
I3790 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F20:MRM of 2 channels,ES-

412.989 > 368.9

1.803e+006



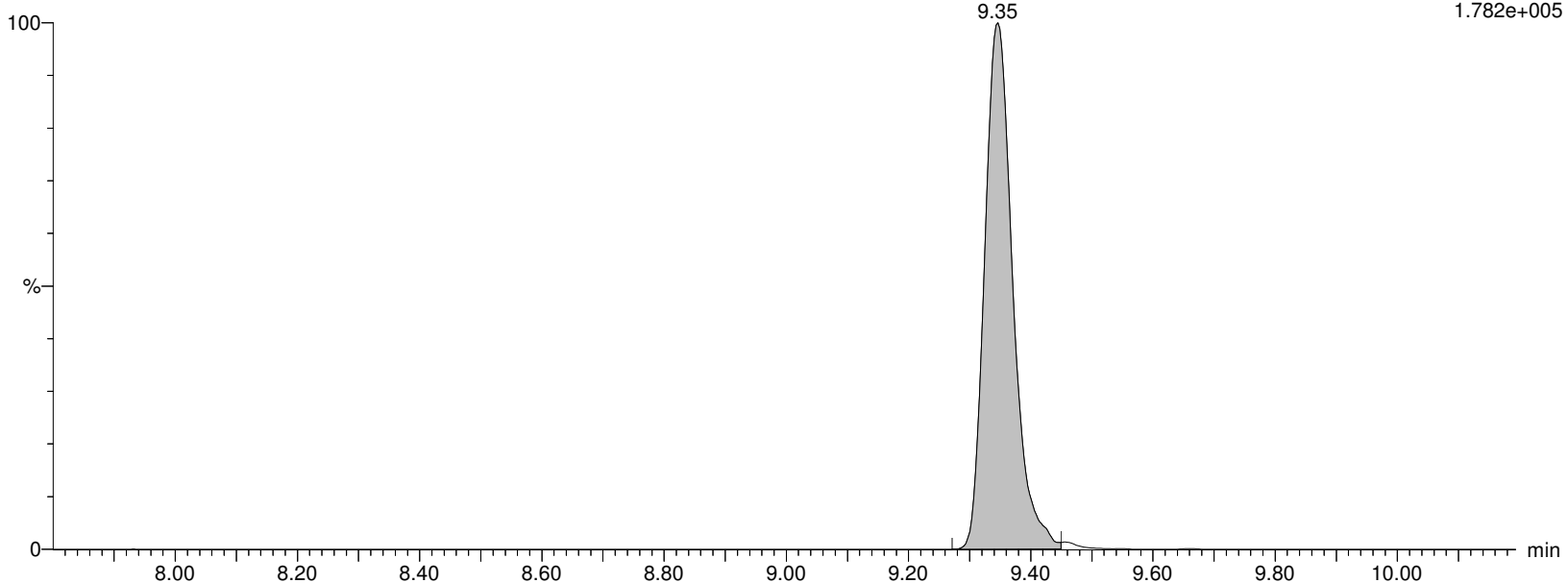
I3790 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F20:MRM of 2 channels,ES-

412.989 > 219.08

1.782e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFOA

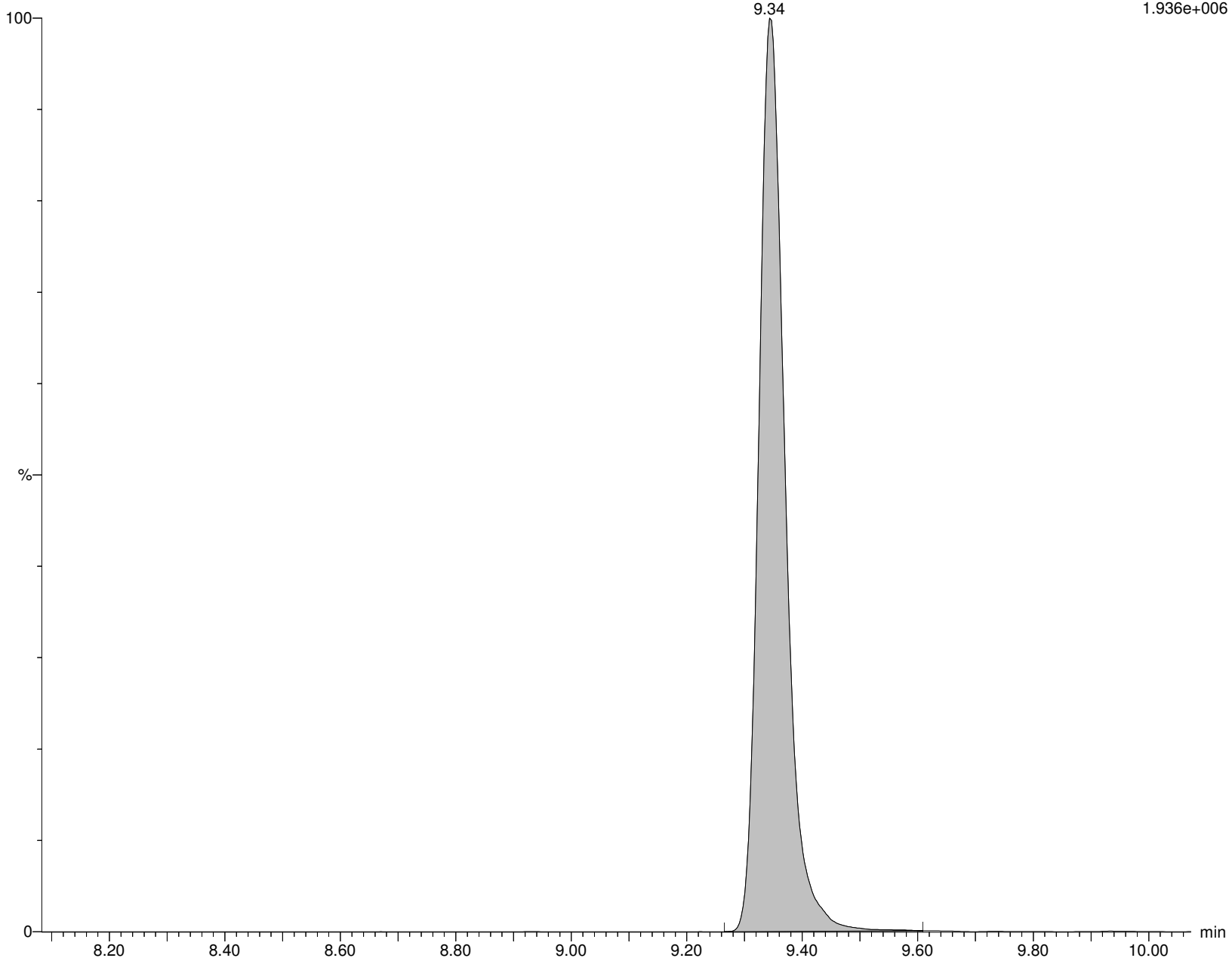
I3790 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F21:MRM of 1 channel,ES-

415.032 > 369.968

1.936e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOA

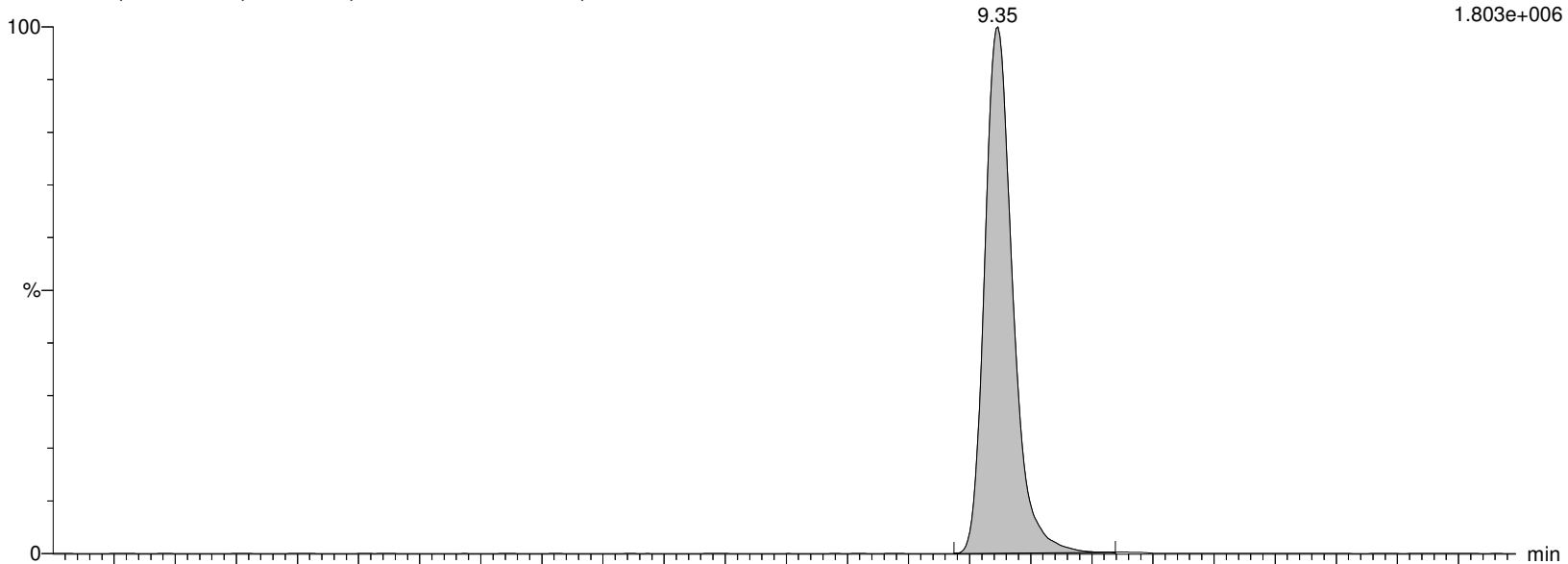
I3790 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F20:MRM of 2 channels,ES-

412.989 > 368.9

1.803e+006



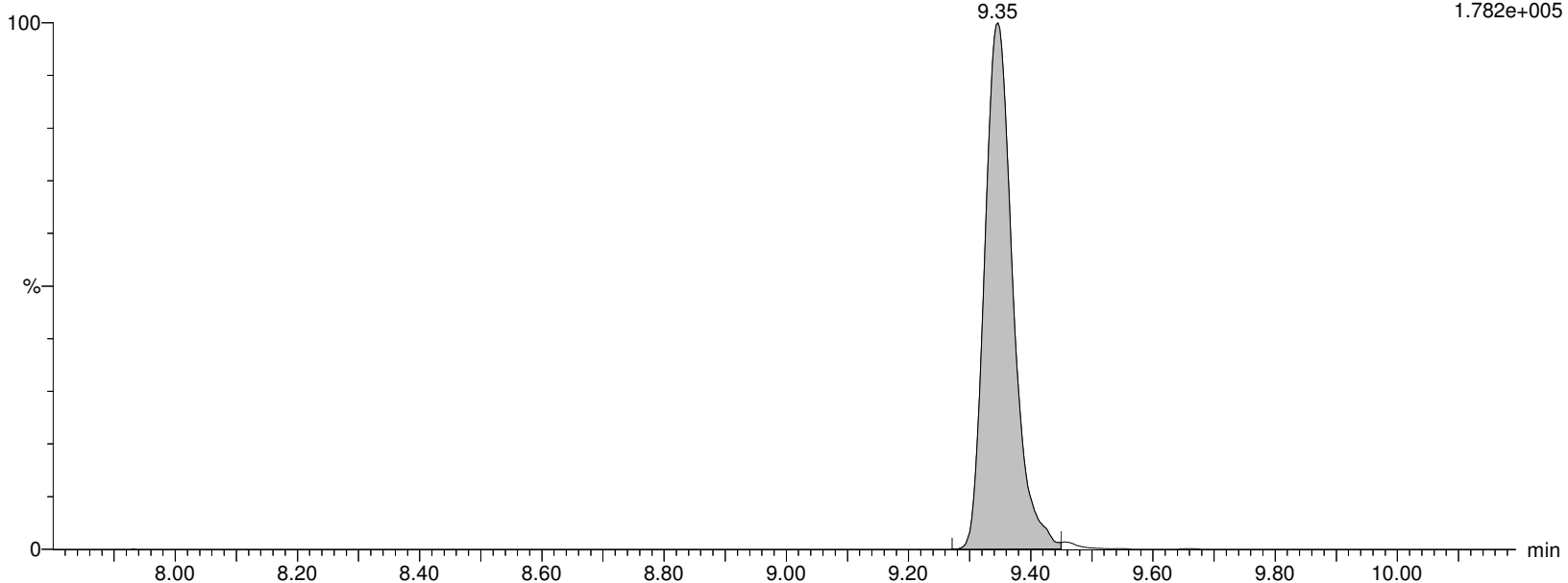
I3790 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F20:MRM of 2 channels,ES-

412.989 > 219.08

1.782e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOA

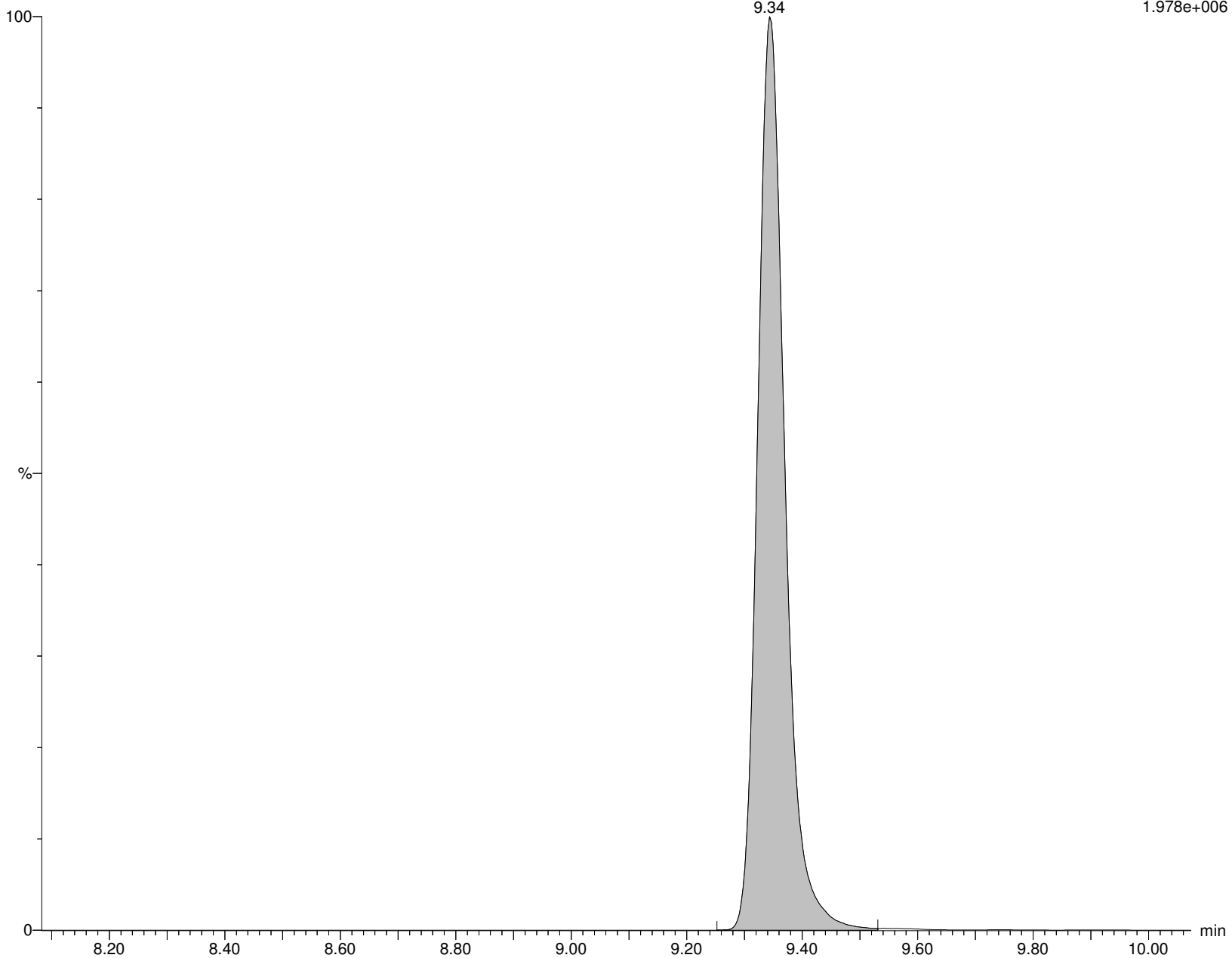
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F22:MRM of 1 channel,ES-

420.989 > 375.979

1.978e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

6:2FTS

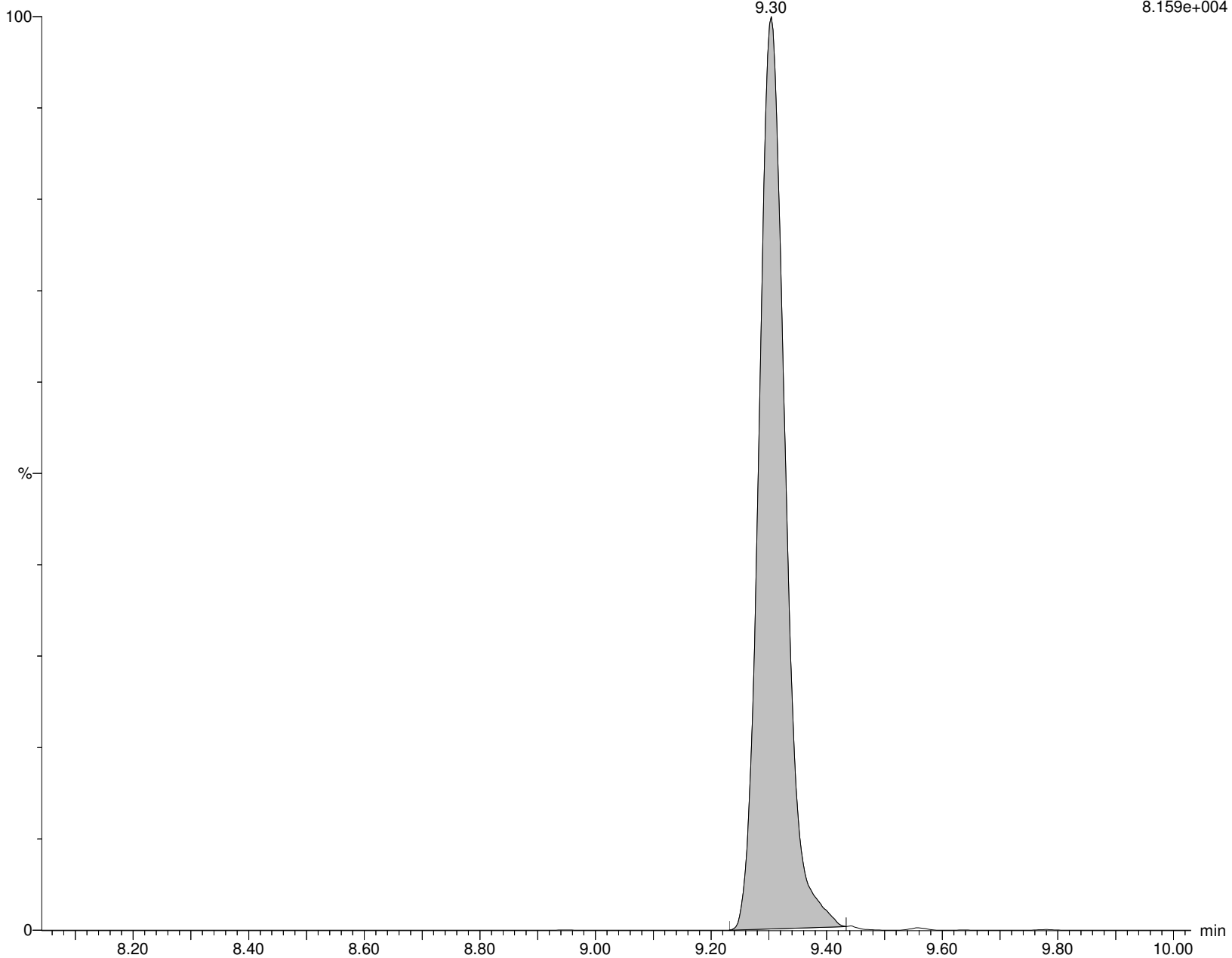
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F23:MRM of 2 channels,ES-

426.989 > 406.921

8.159e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-6:2FTS

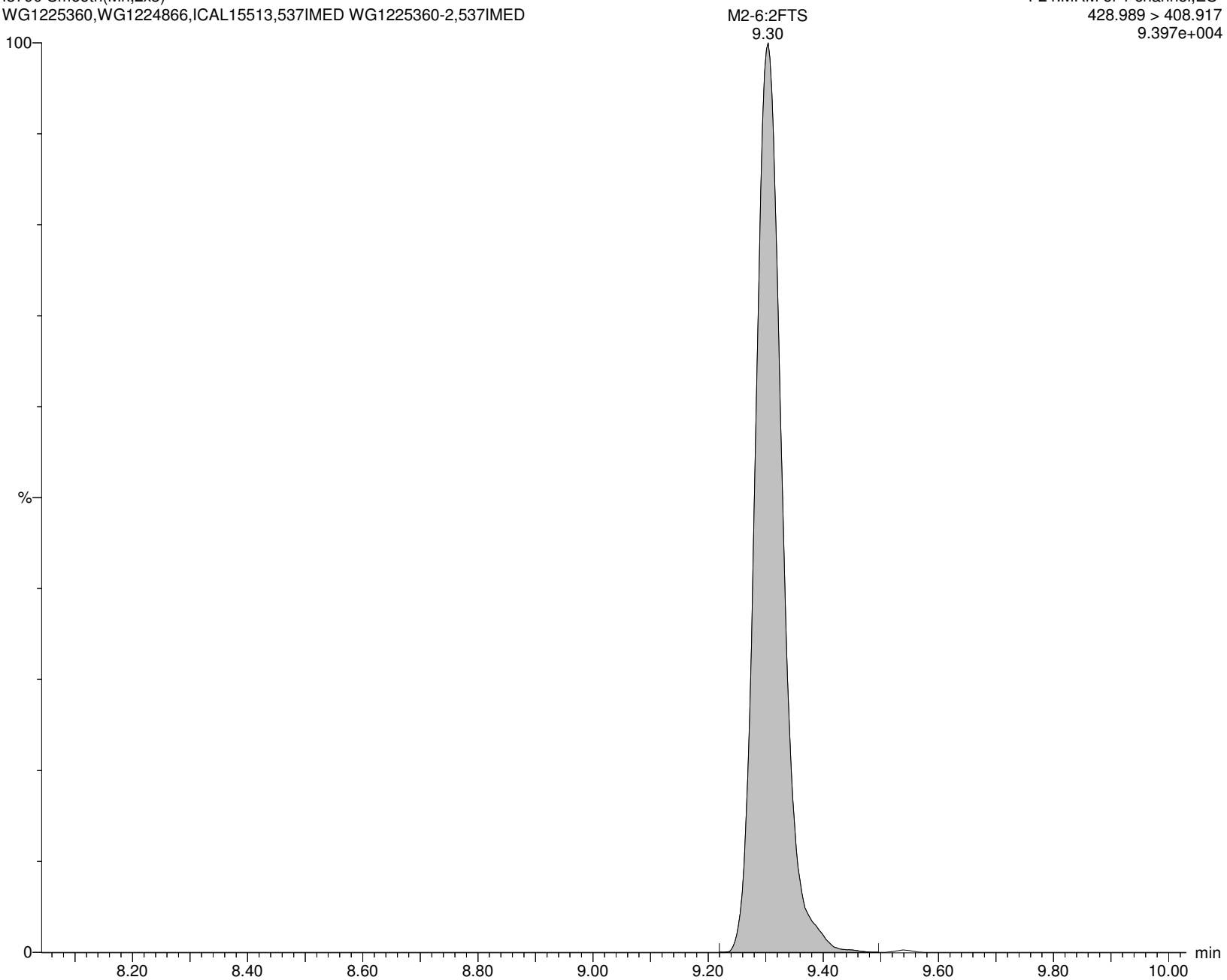
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F24:MRM of 1 channel,ES-

428.989 > 408.917

9.397e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpS

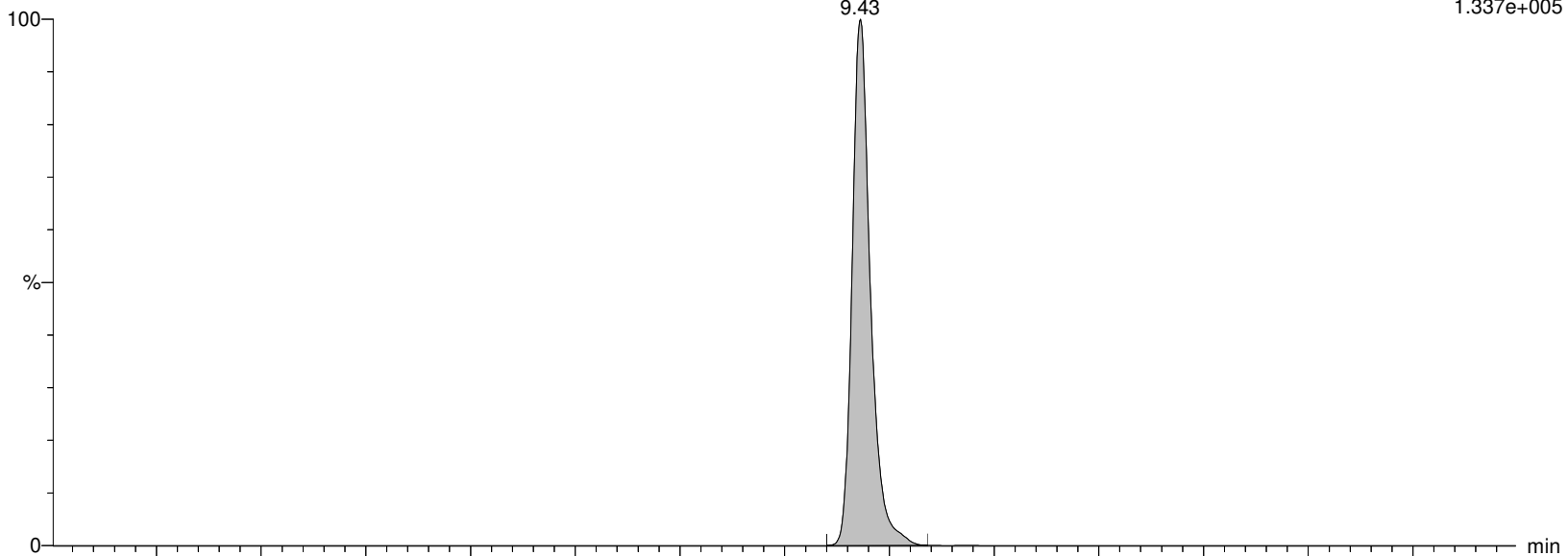
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F25:MRM of 2 channels,ES-

448.926 > 80.257

1.337e+005



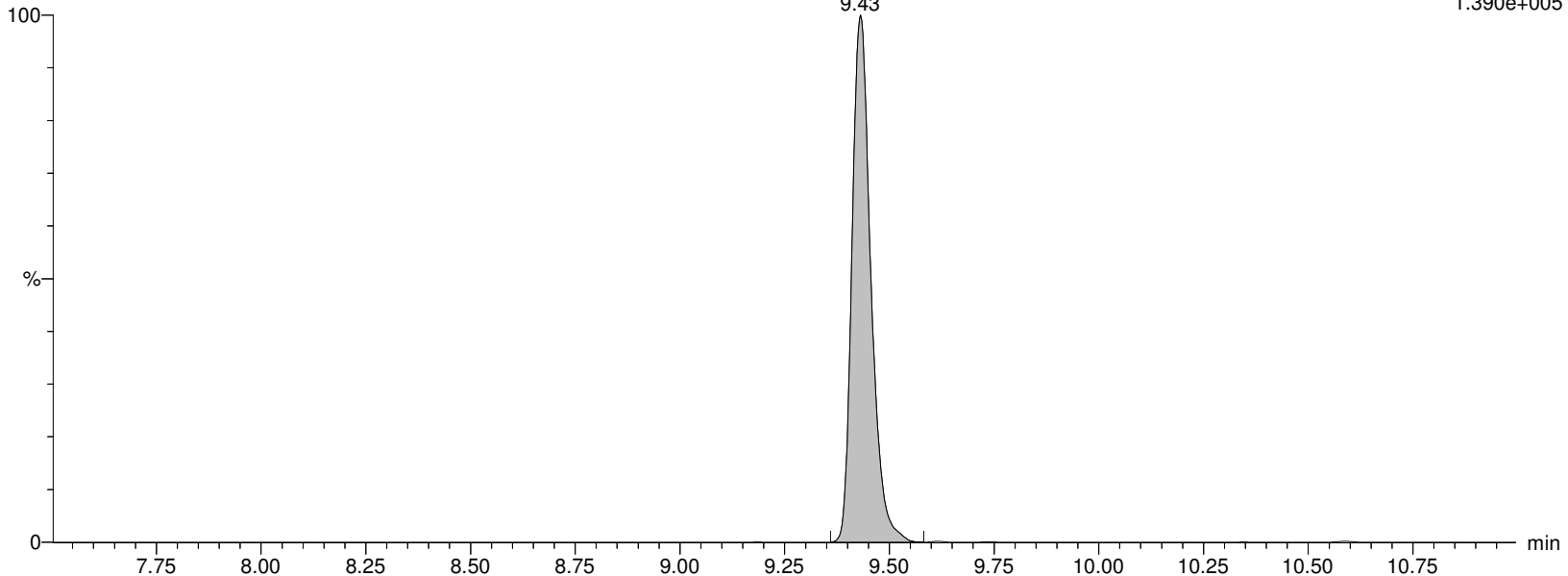
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F25:MRM of 2 channels,ES-

448.926 > 99.22

1.390e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNA

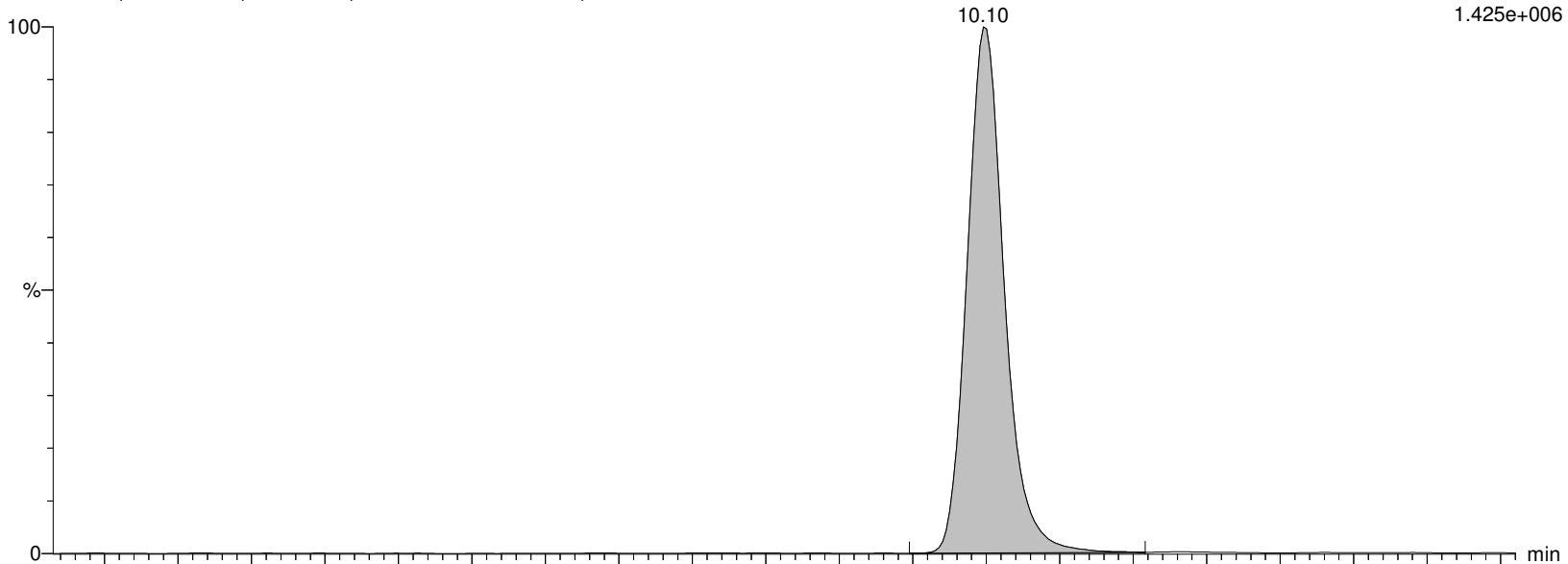
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F26:MRM of 2 channels,ES-

462.989 > 418.931

1.425e+006



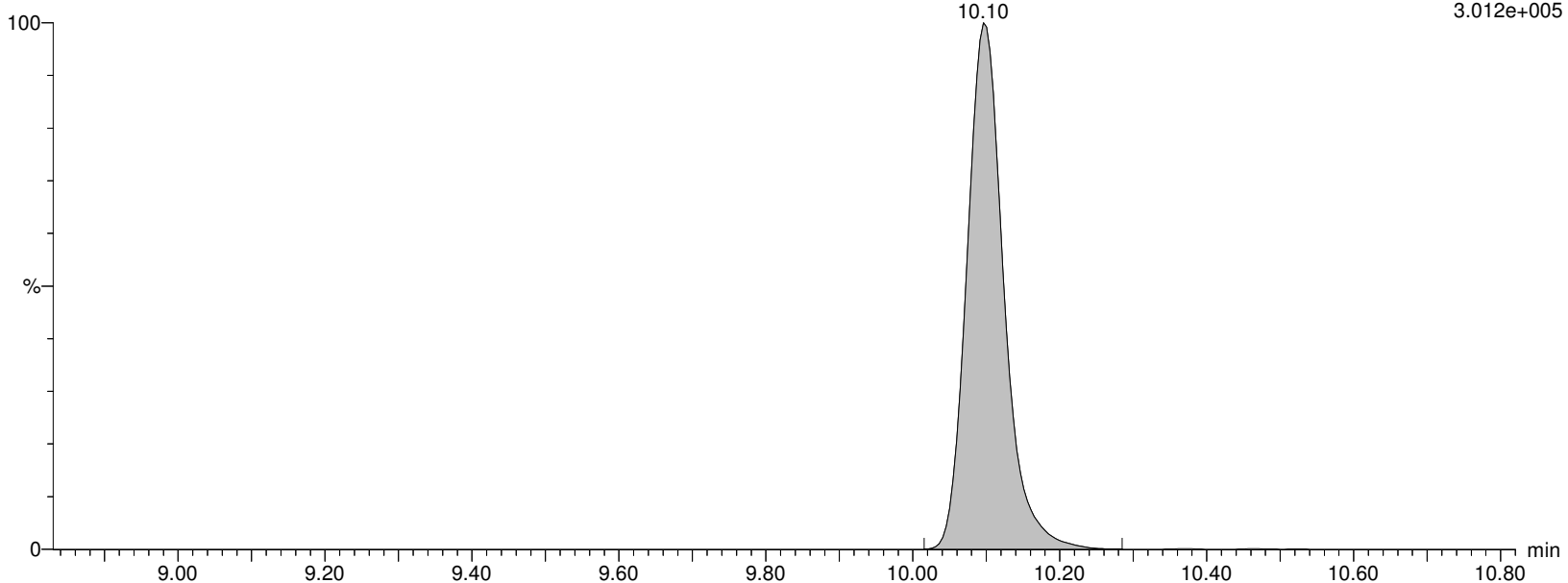
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F26:MRM of 2 channels,ES-

462.989 > 219.04

3.012e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M9PFNA

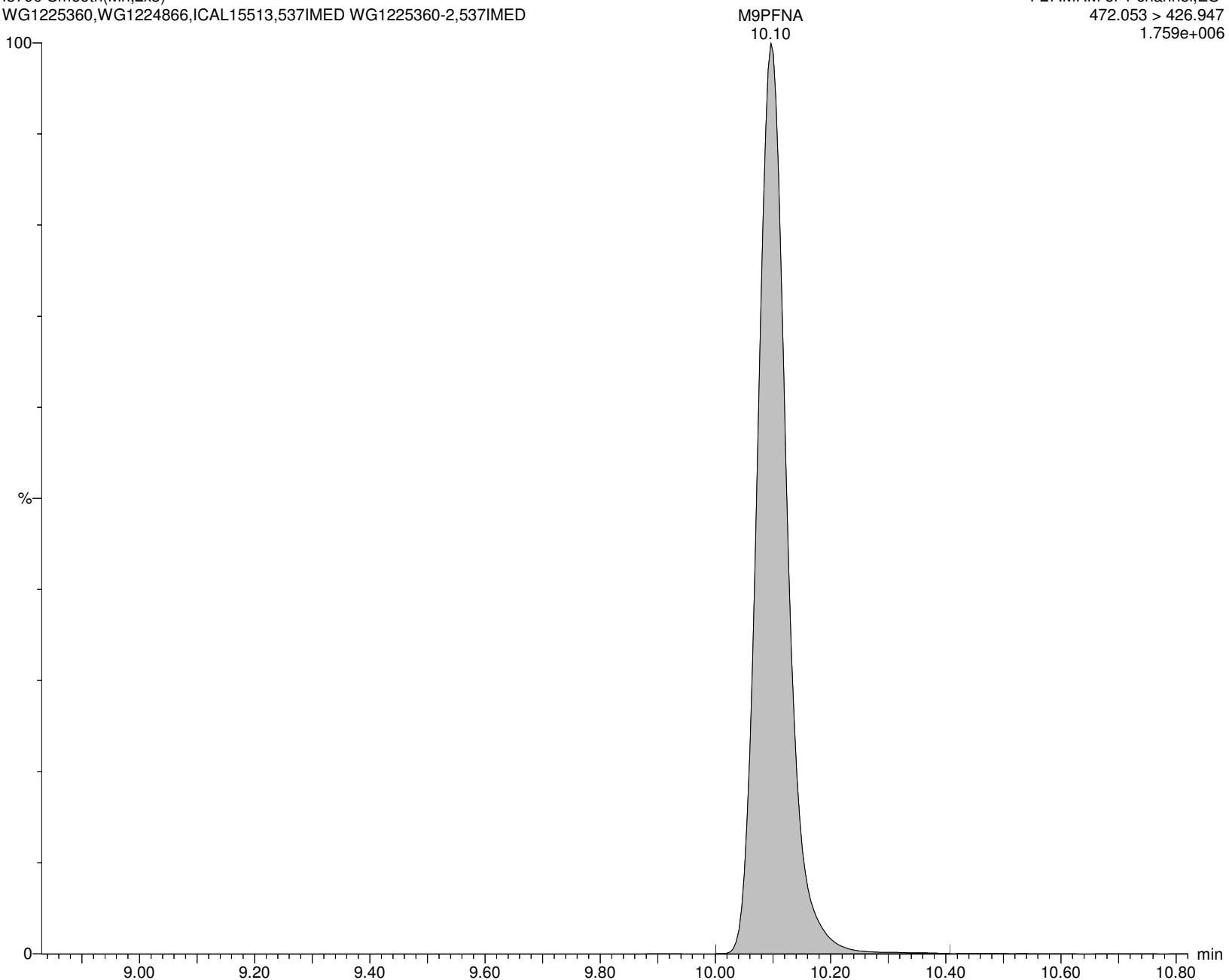
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F27:MRM of 1 channel,ES-

472.053 > 426.947

1.759e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOS

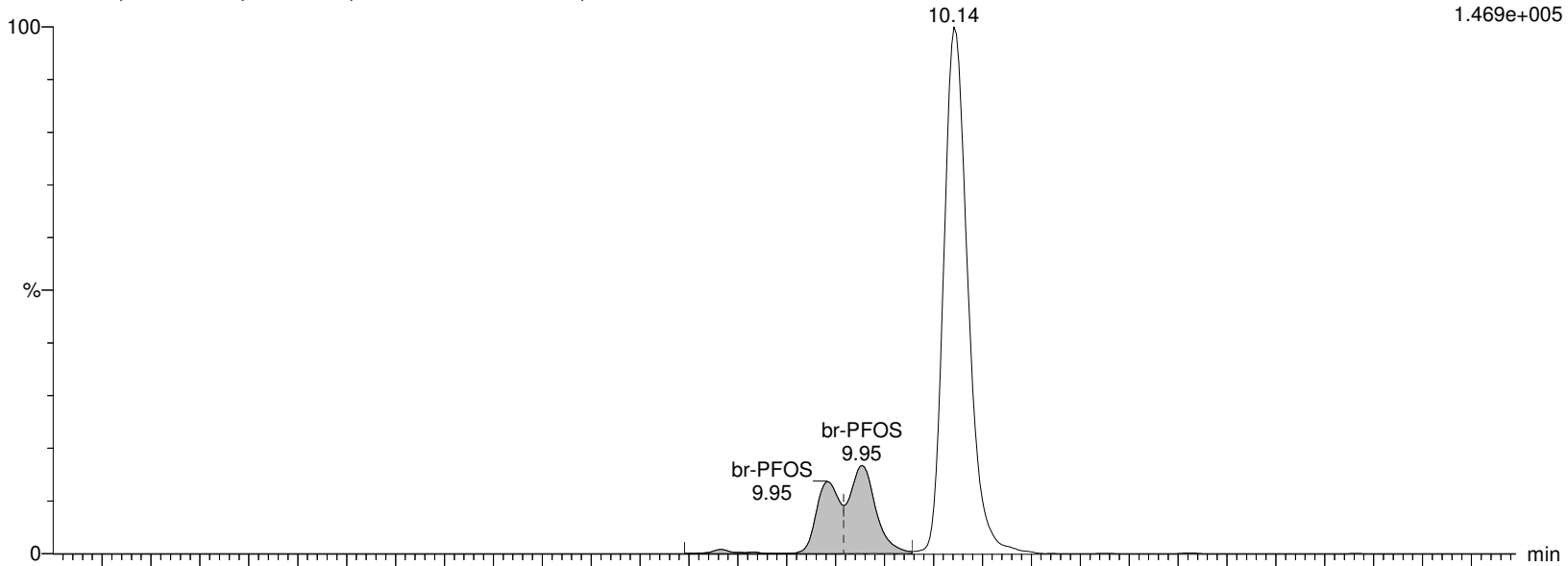
I3790 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F29:MRM of 2 channels,ES-

498.989 > 80.294

1.469e+005



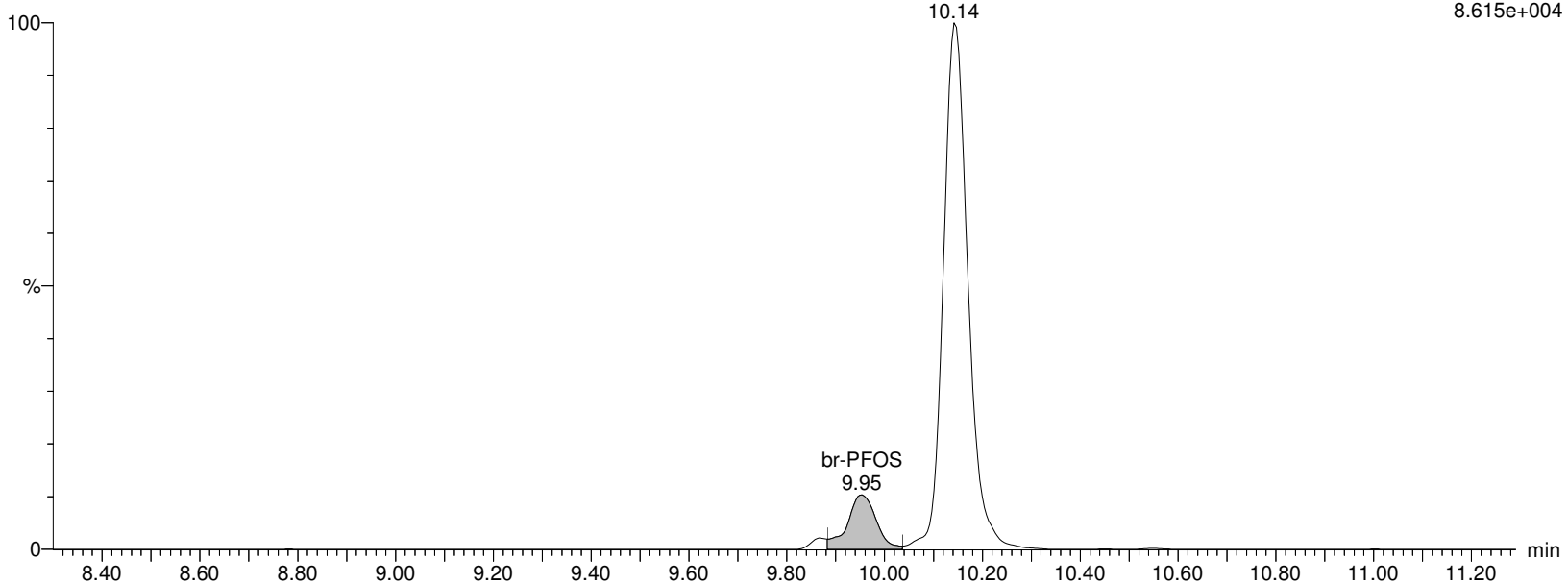
I3790 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F29:MRM of 2 channels,ES-

498.989 > 99.27

8.615e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOS

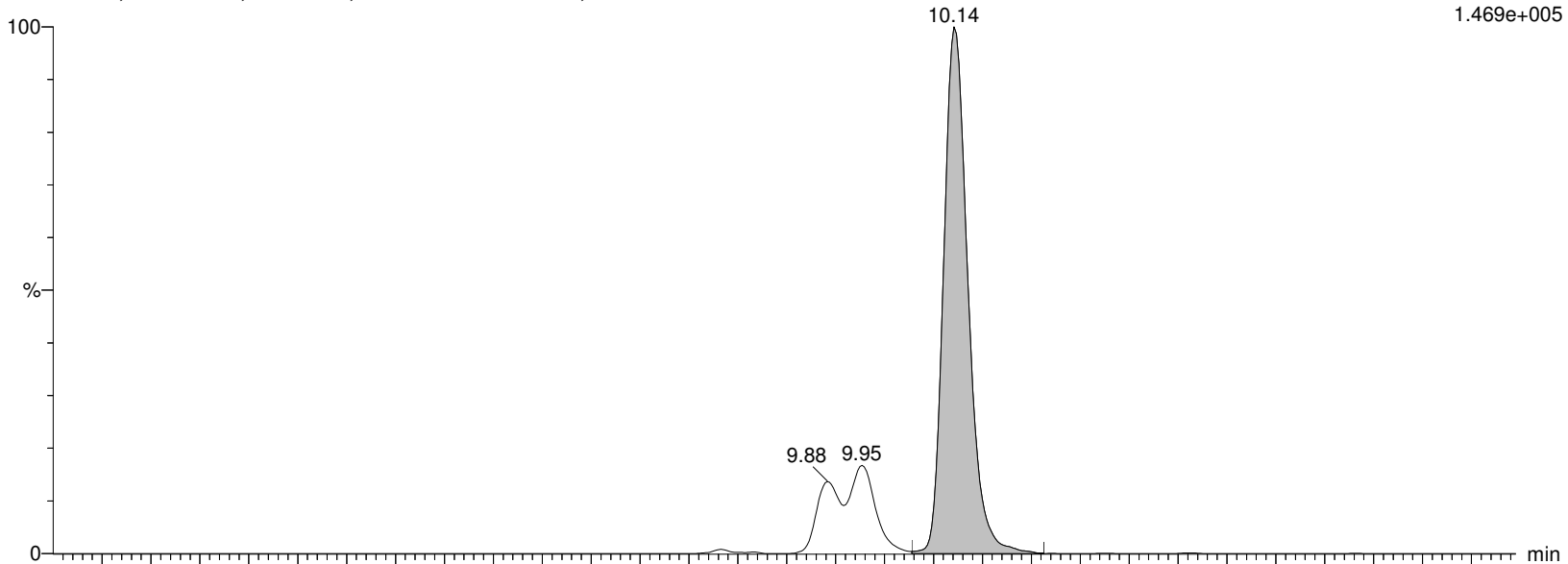
I3790 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F29:MRM of 2 channels,ES-

498.989 > 80.294

1.469e+005



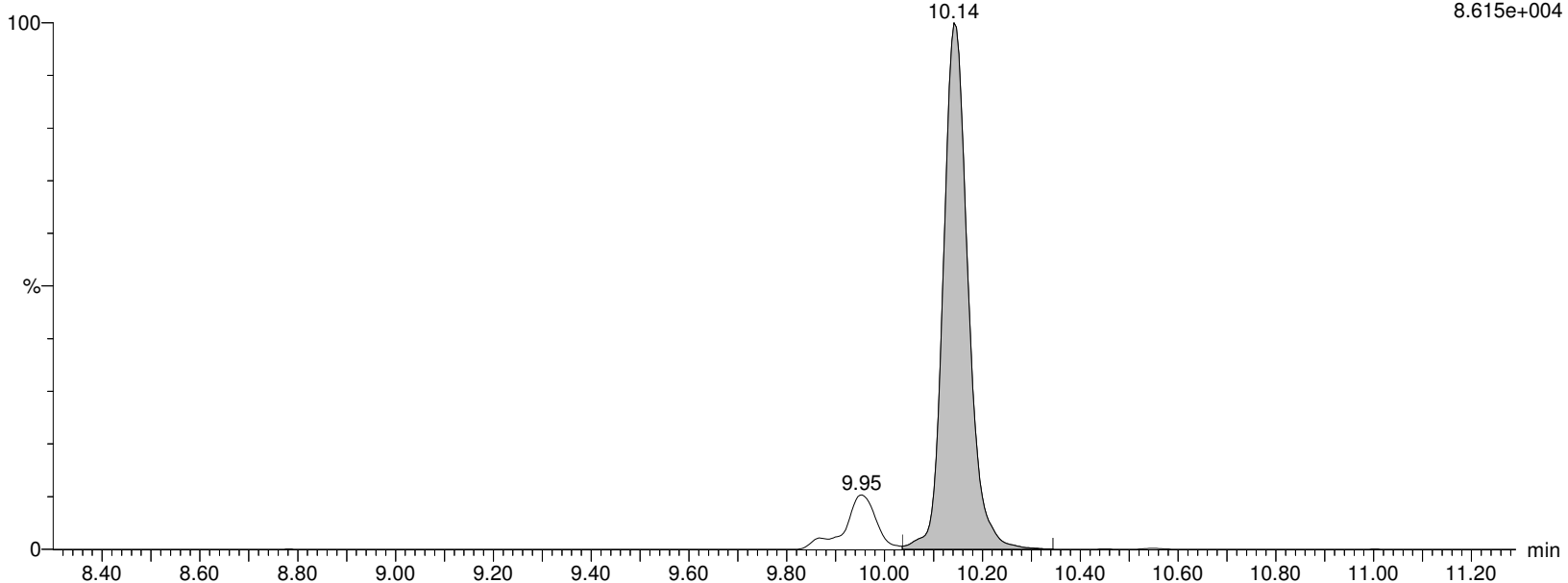
I3790 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F29:MRM of 2 channels,ES-

498.989 > 99.27

8.615e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOS

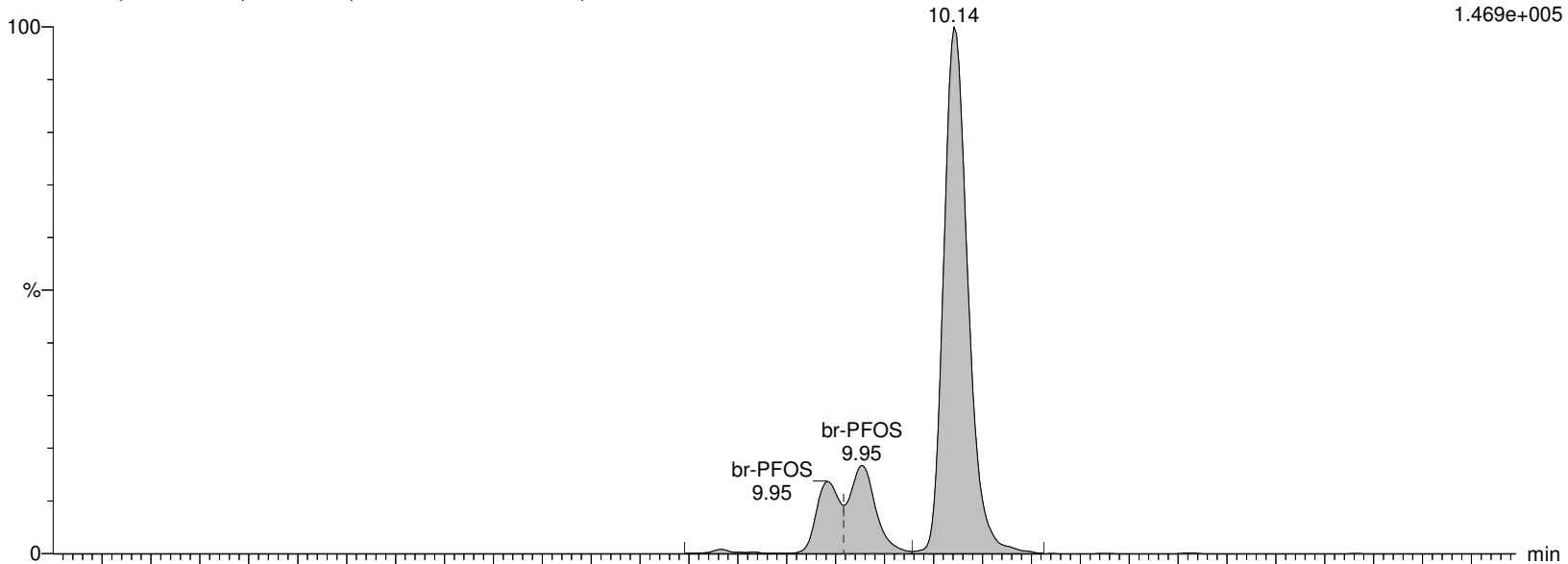
I3790 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F29:MRM of 2 channels,ES-

498.989 > 80.294

1.469e+005



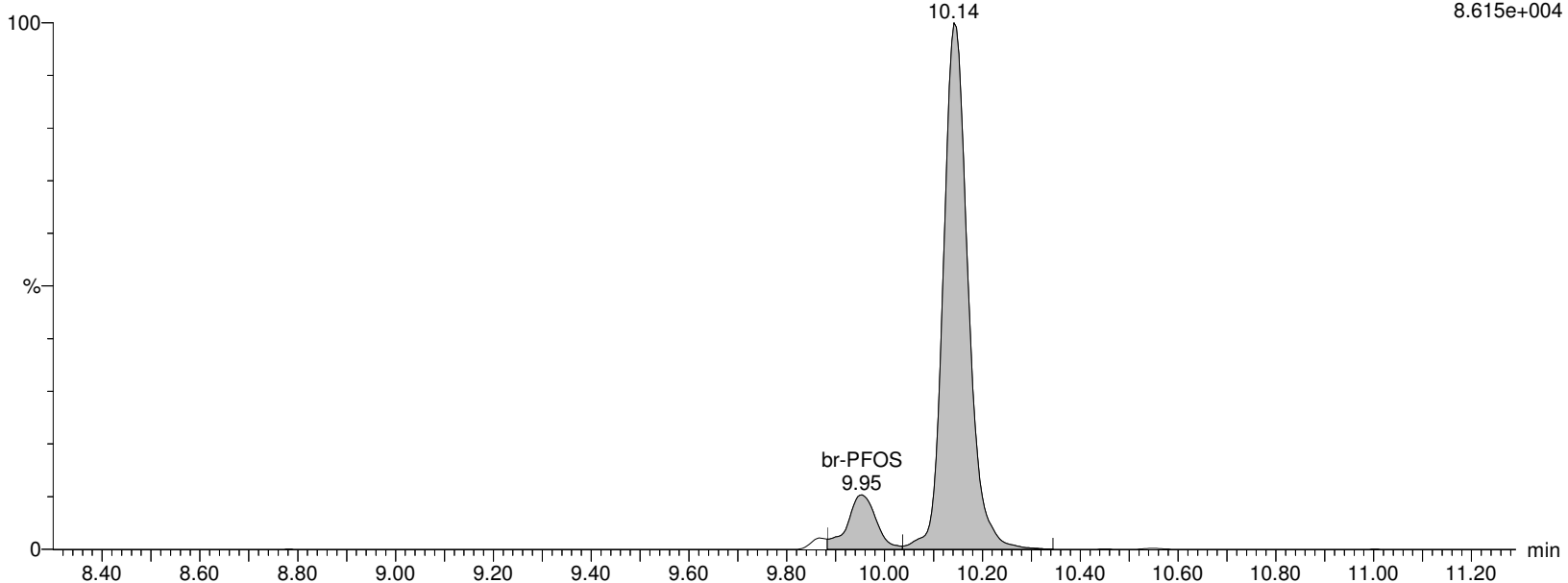
I3790 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F29:MRM of 2 channels,ES-

498.989 > 99.27

8.615e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFOS

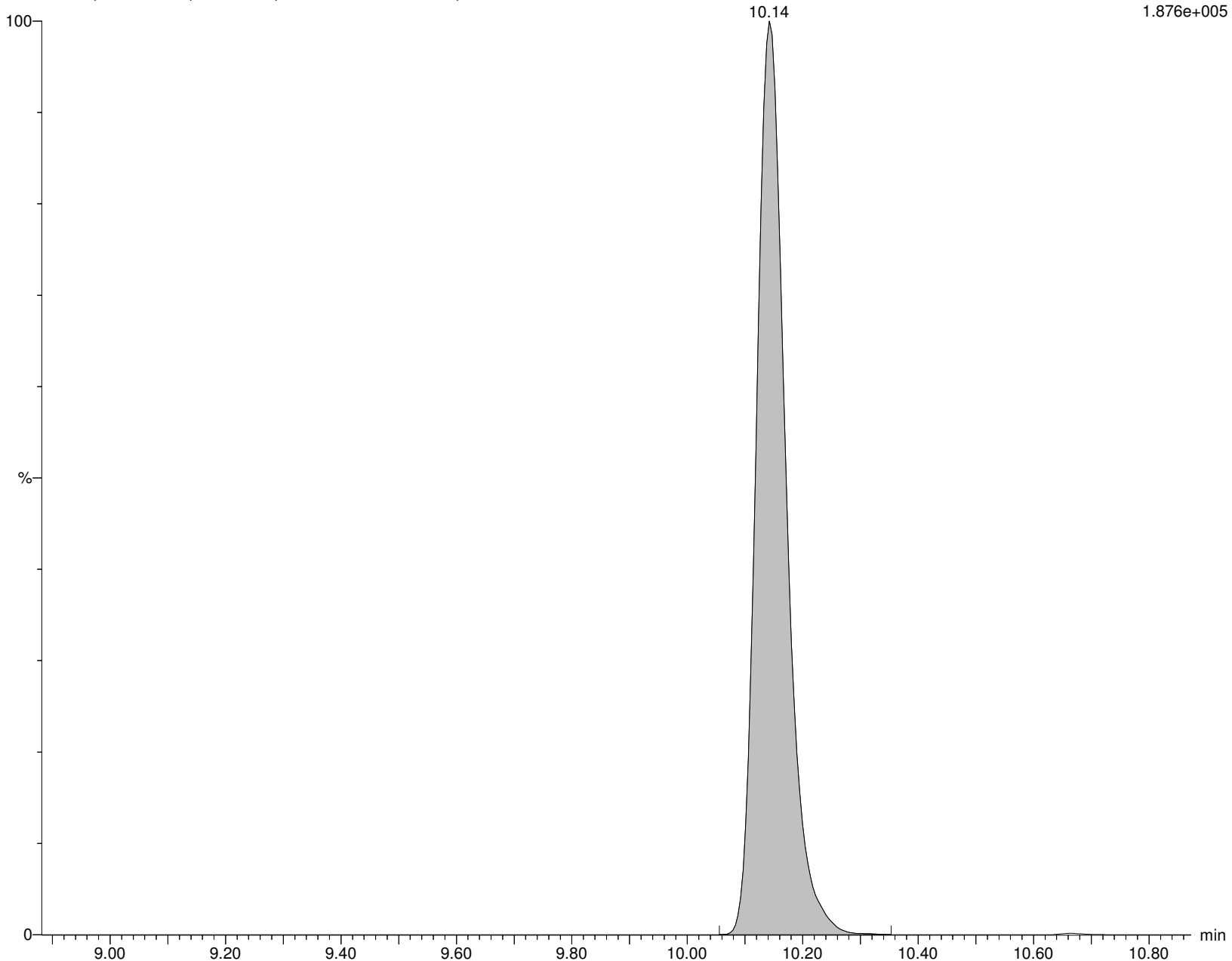
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F30:MRM of 1 channel,ES-

503.032 > 80.306

1.876e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOS

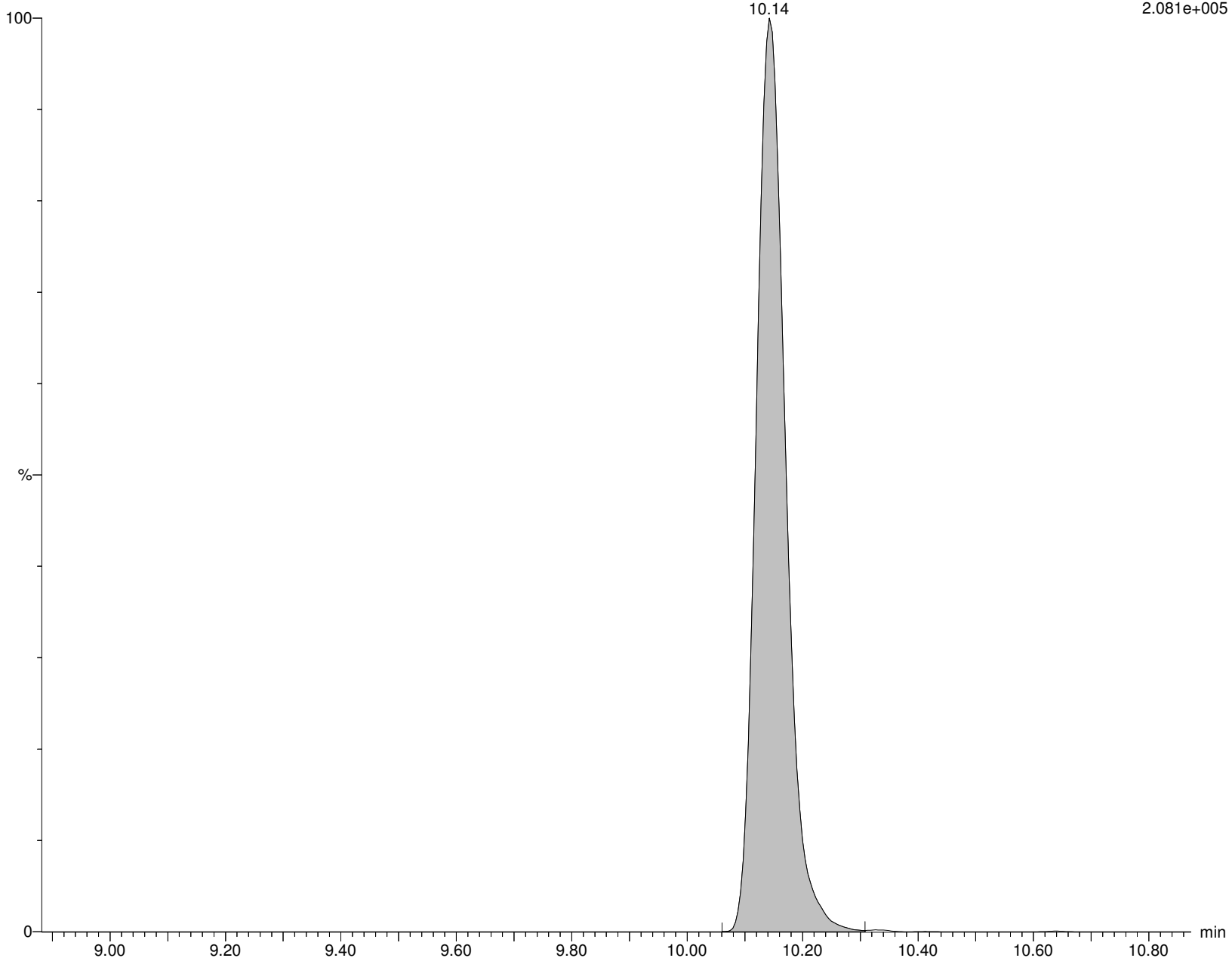
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F32:MRM of 1 channel,ES-

507.053 > 80.294

2.081e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDA

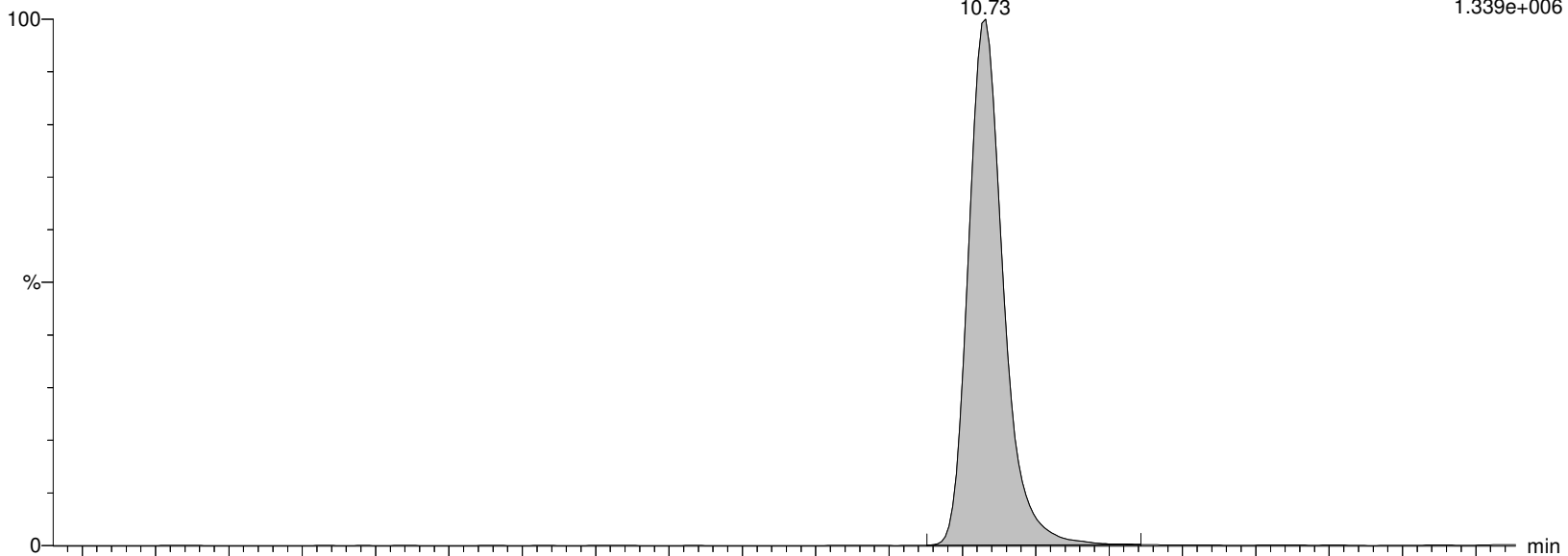
I3790 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F33:MRM of 2 channels,ES-

513.053 > 468.906

1.339e+006



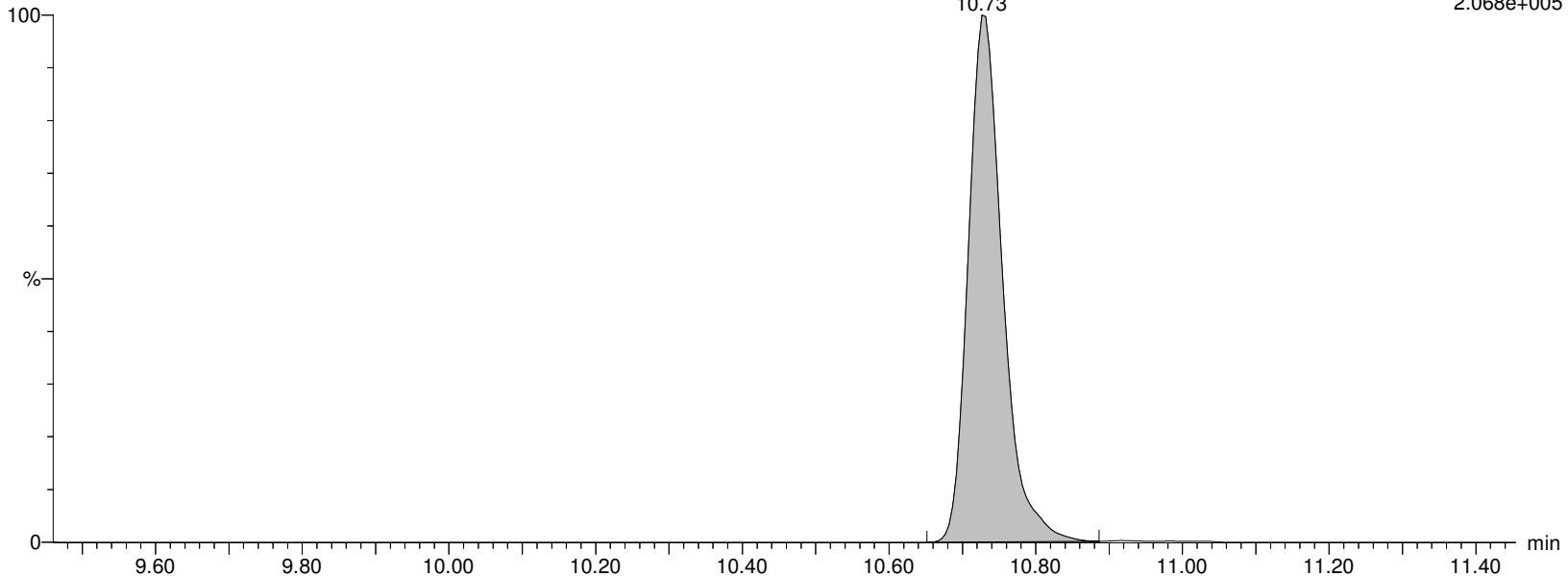
I3790 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F33:MRM of 2 channels,ES-

513.053 > 219.08

2.068e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFDA

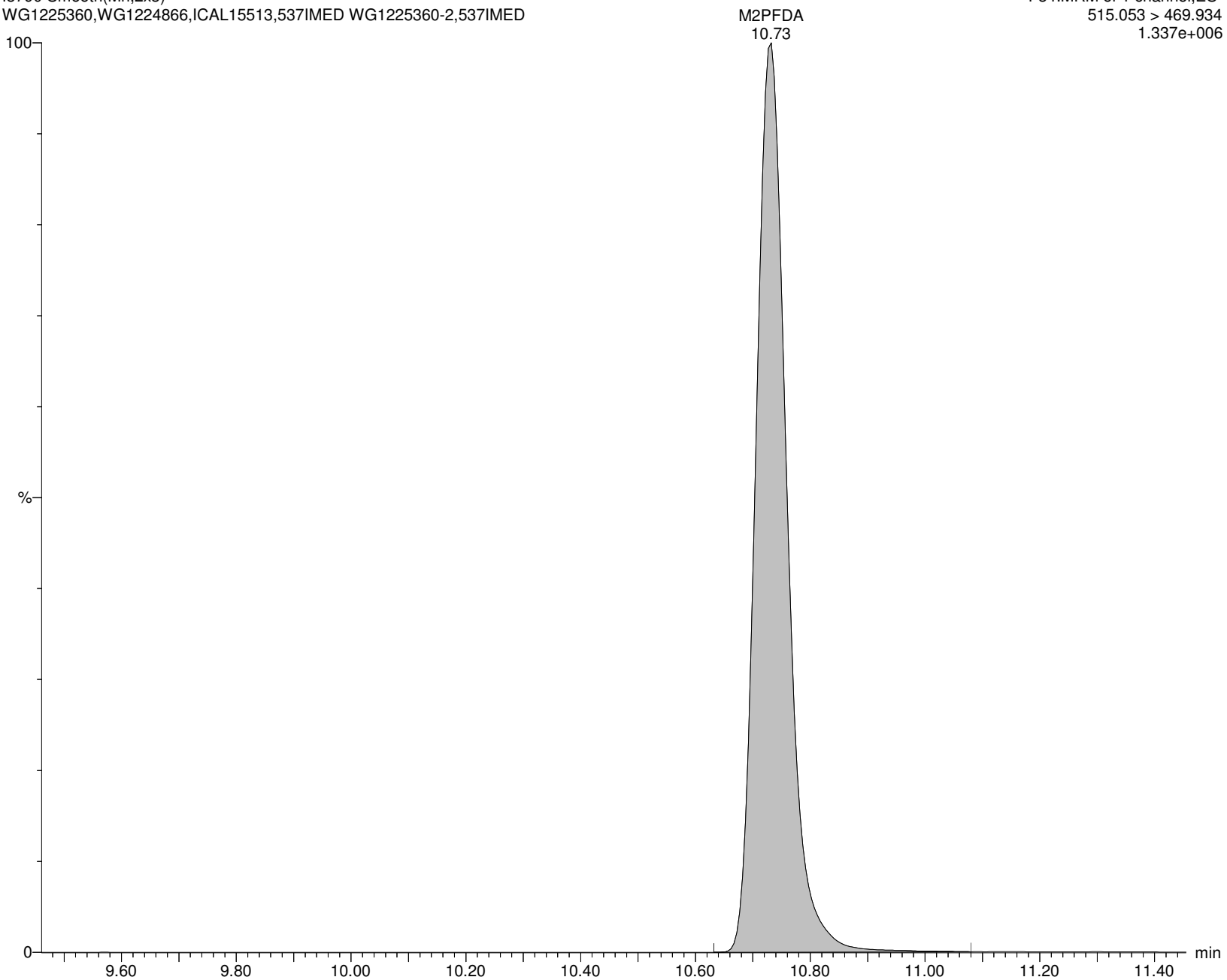
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F34:MRM of 1 channel,ES-

515.053 > 469.934

1.337e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M6PFDA

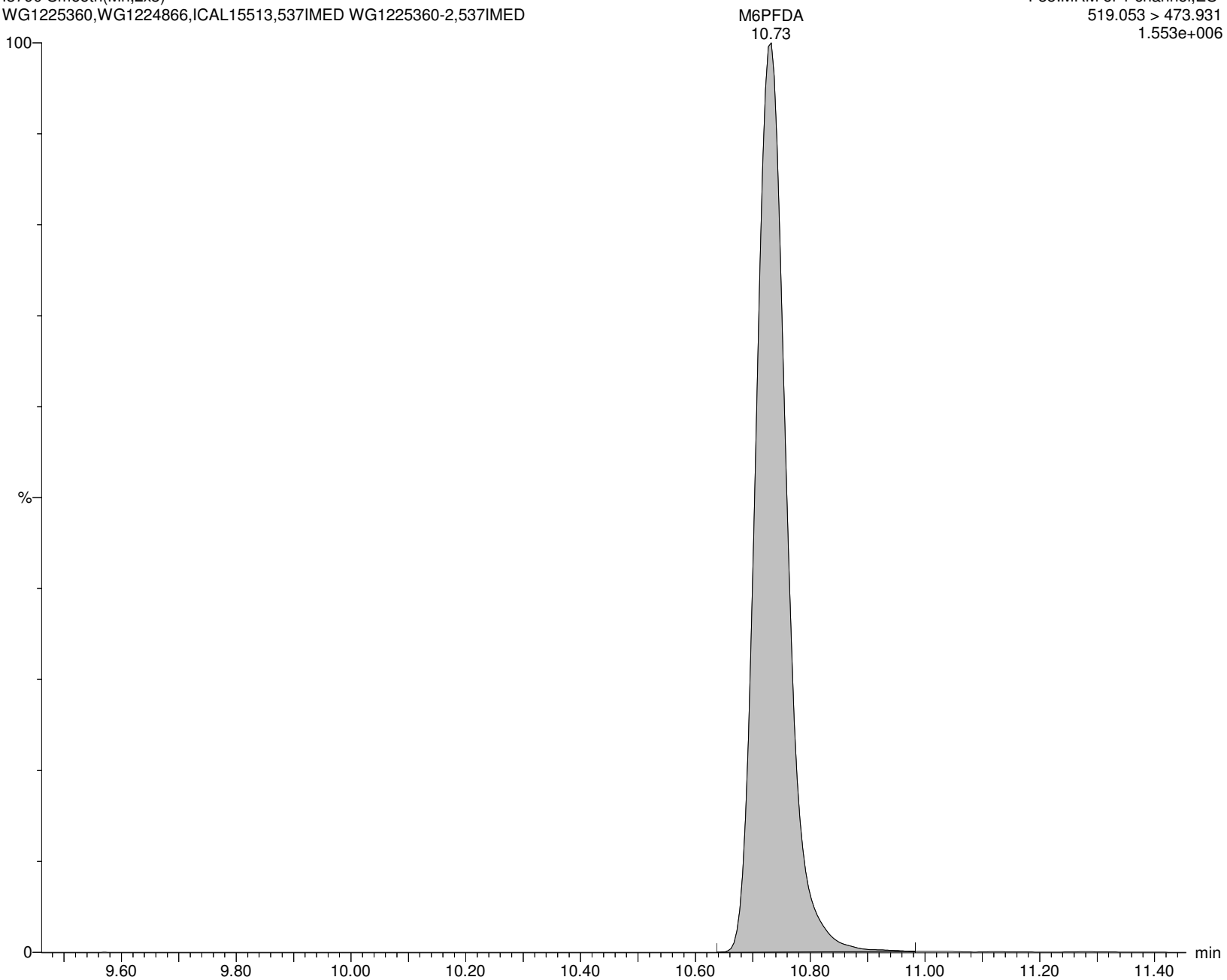
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F35:MRM of 1 channel,ES-

519.053 > 473.931

1.553e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

8:2FTS

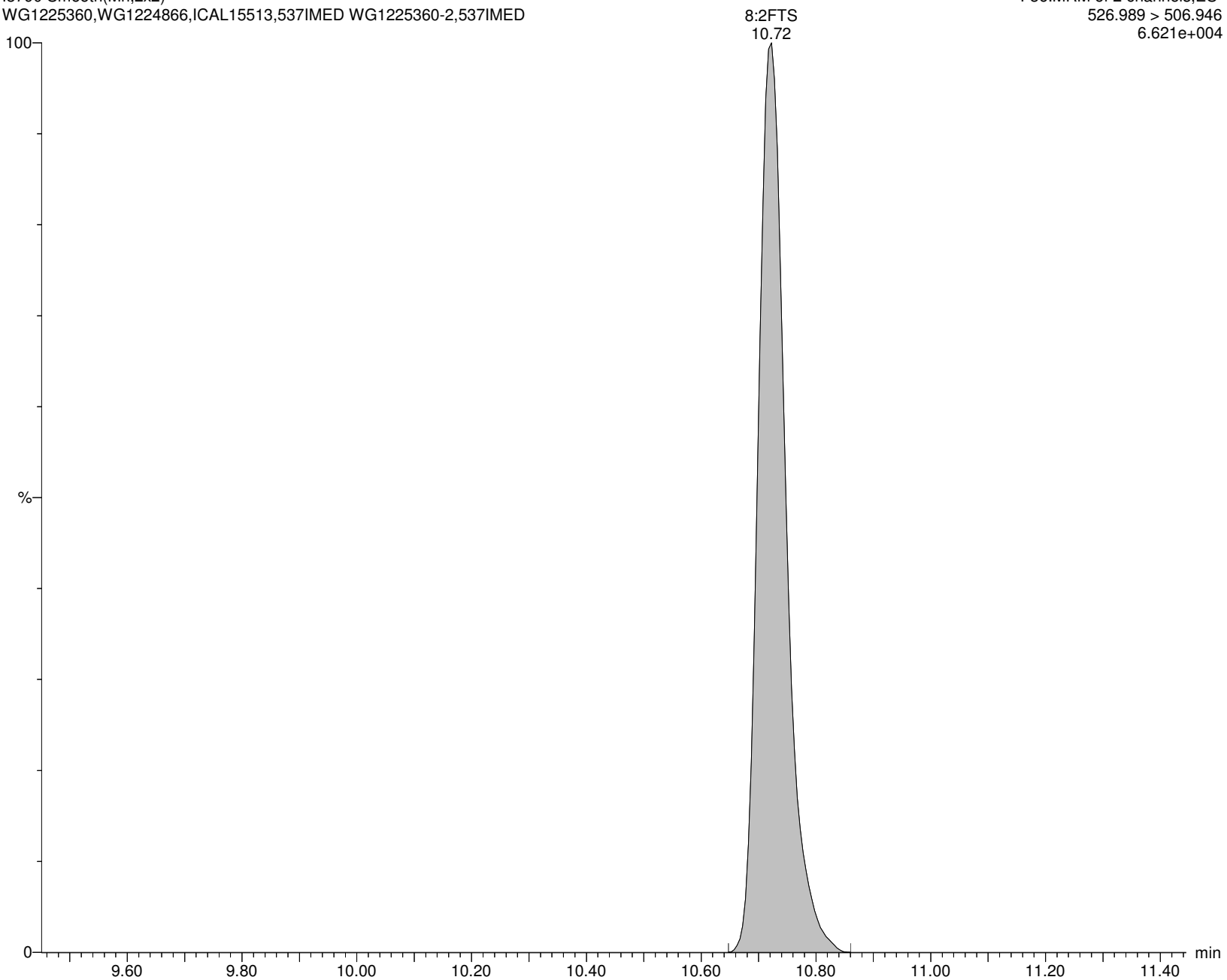
I3790 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F36:MRM of 2 channels,ES-

526.989 > 506.946

6.621e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-8:2FTS

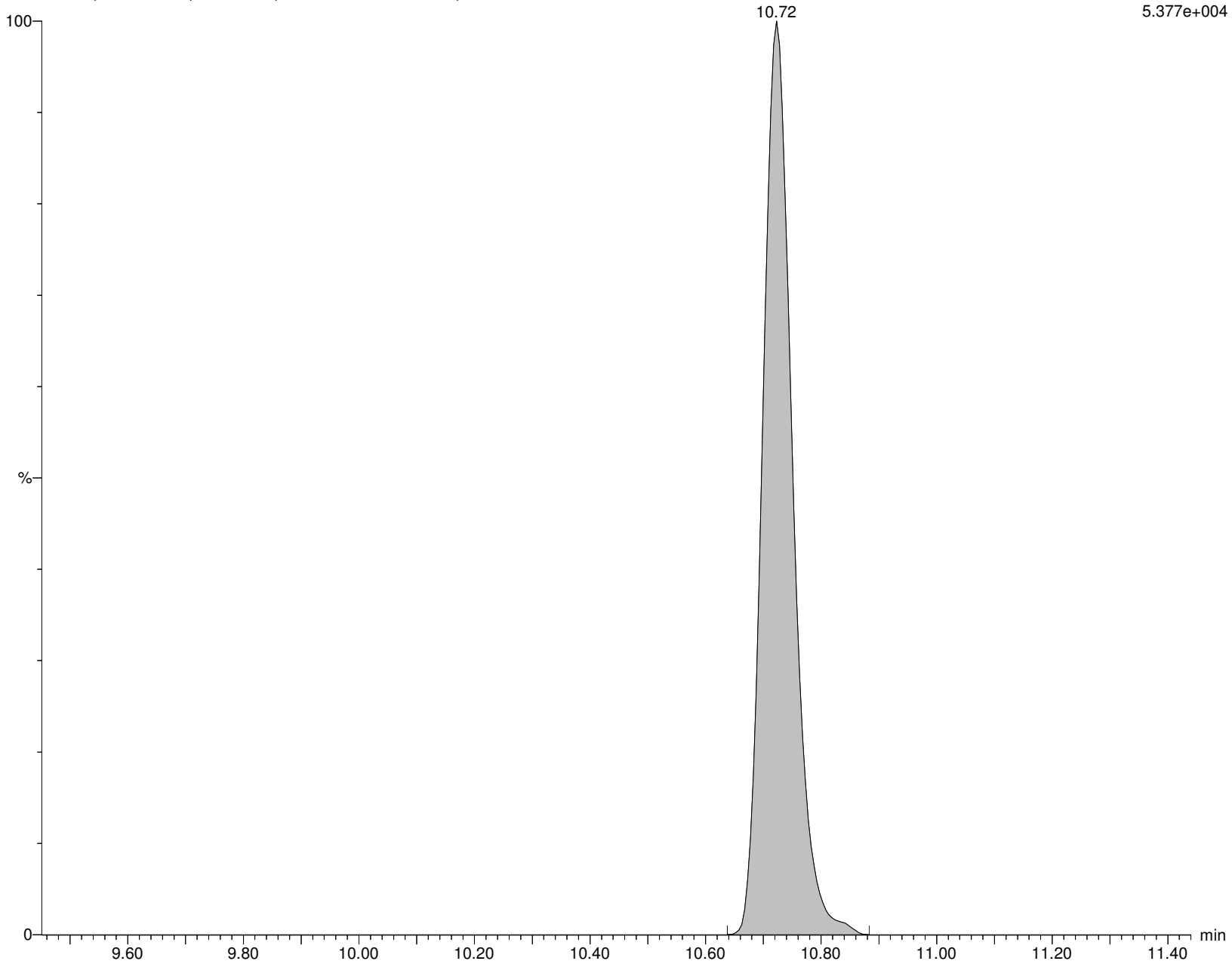
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F37:MRM of 2 channels,ES-

529.053 > 508.945

5.377e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNS

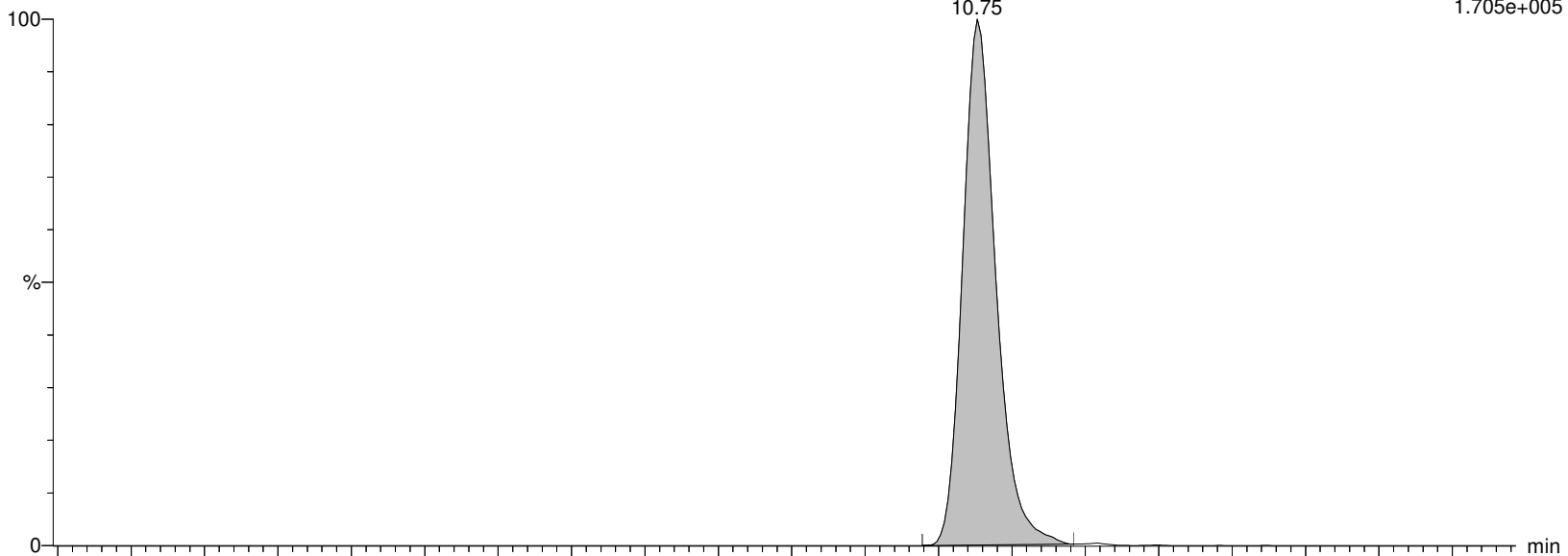
I3790 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F39:MRM of 2 channels,ES-

548.989 > 80.249

1.705e+005



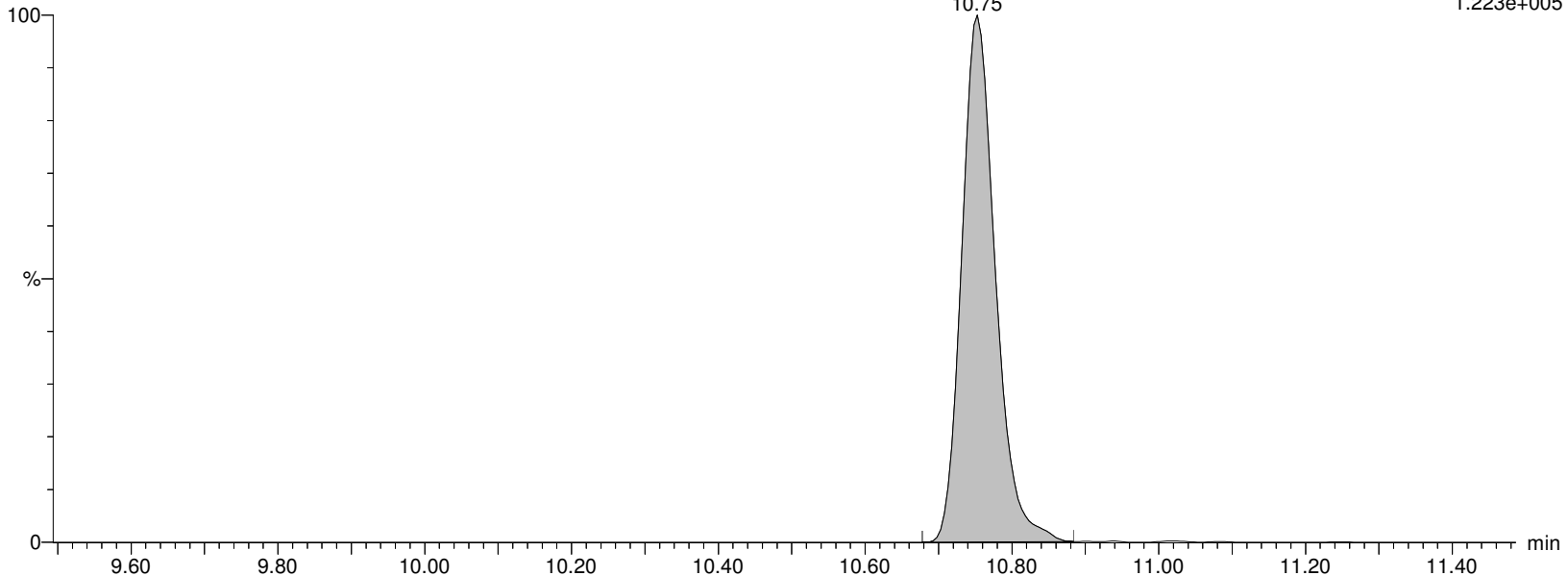
I3790 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F39:MRM of 2 channels,ES-

548.989 > 99.22

1.223e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d3-NMeFOSAA

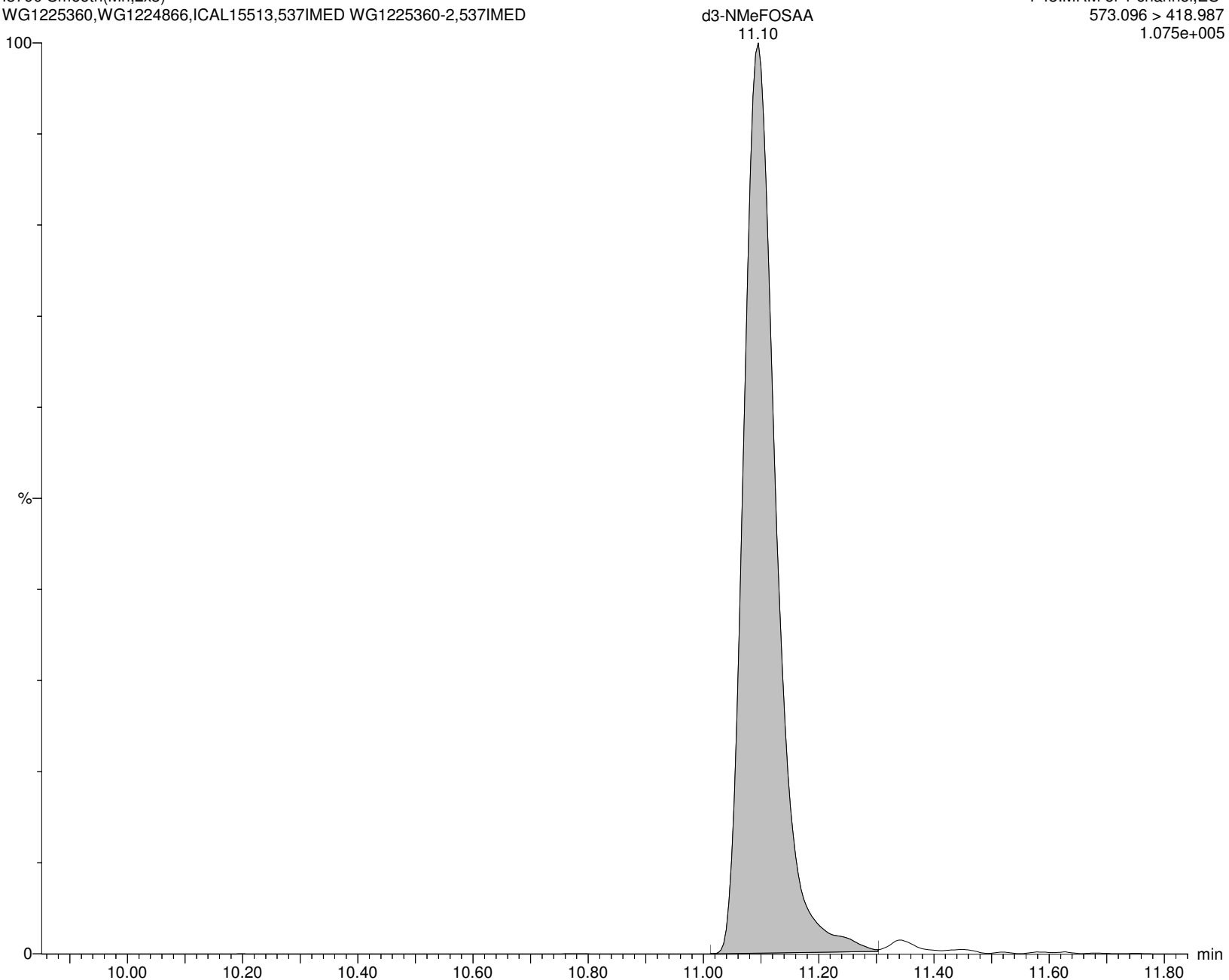
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F43:MRM of 1 channel,ES-

573.096 > 418.987

1.075e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NMeFOSAA

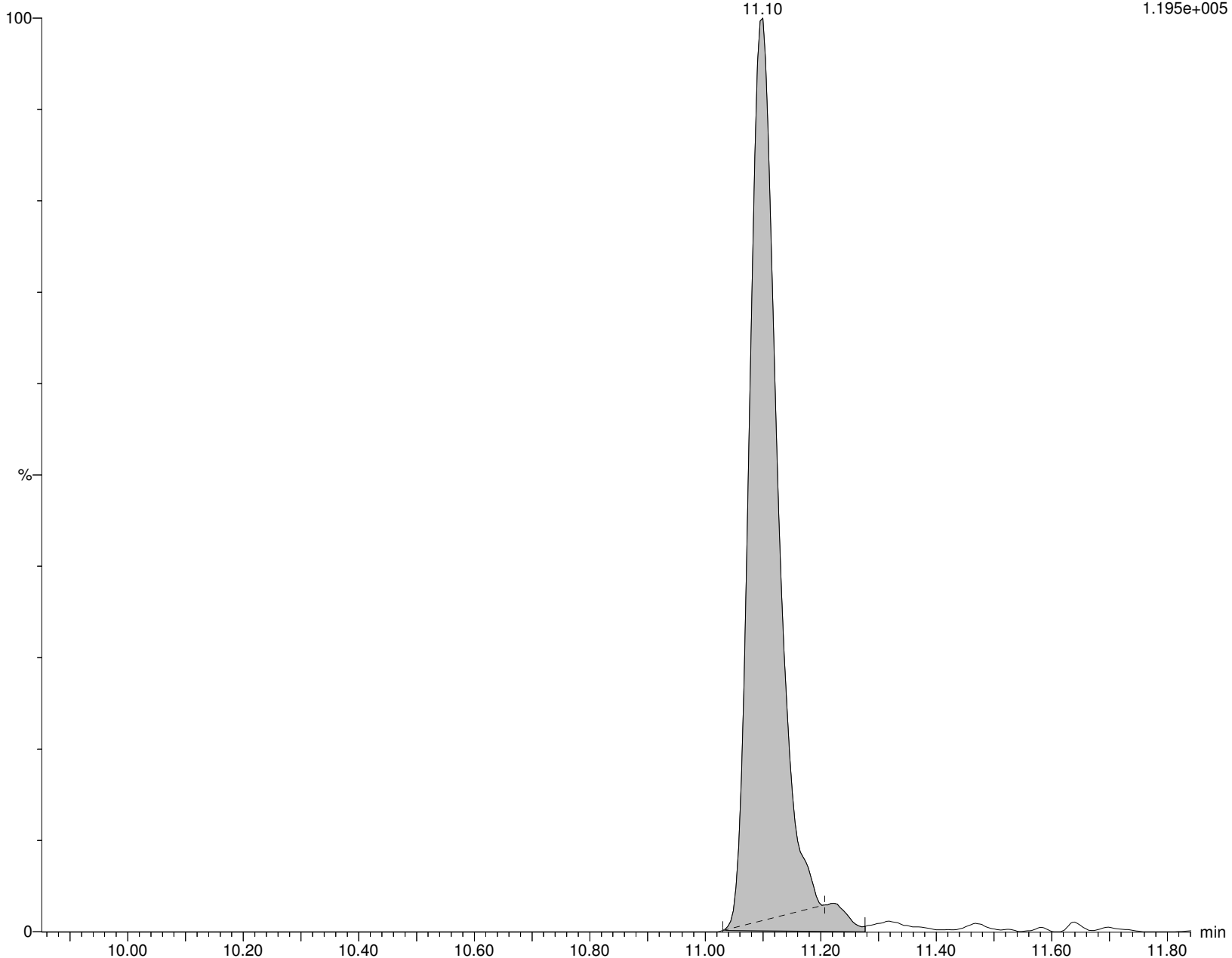
I3790 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F41:MRM of 1 channel,ES-

570.053 > 418.917

1.195e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFUnA

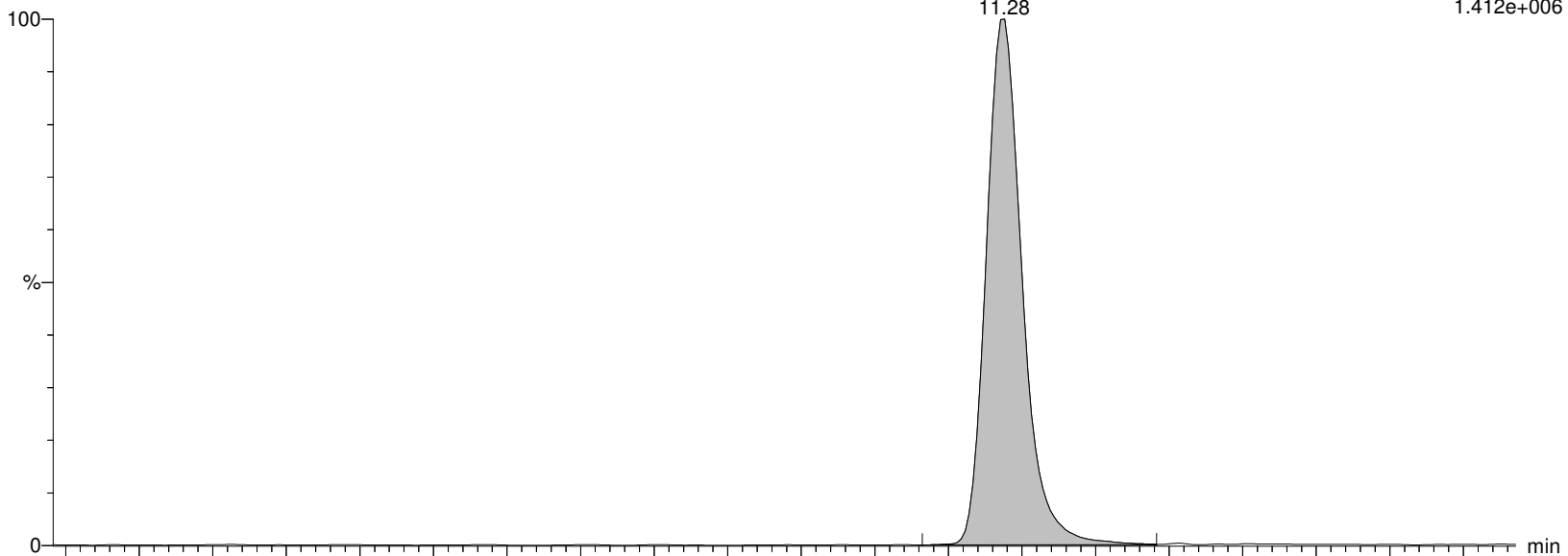
I3790 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F40:MRM of 2 channels,ES-

562.989 > 518.903

1.412e+006



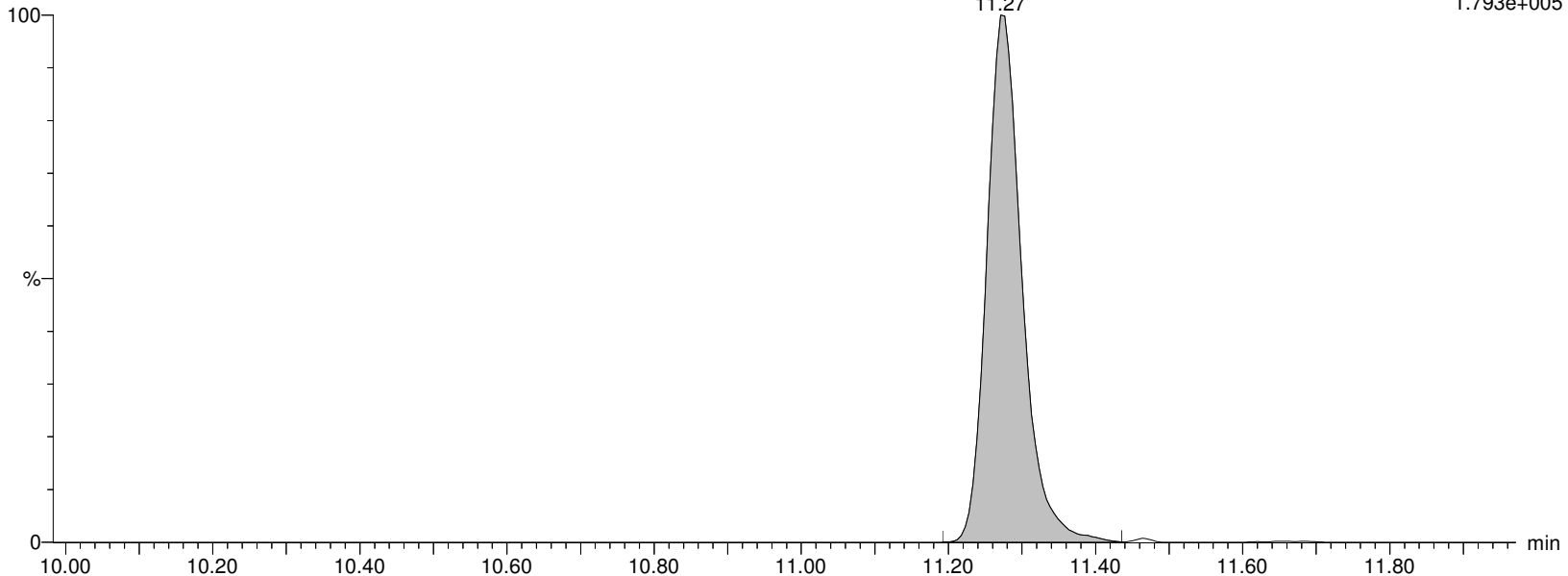
I3790 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F40:MRM of 2 channels,ES-

562.989 > 269.01

1.793e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M7-PFUDA

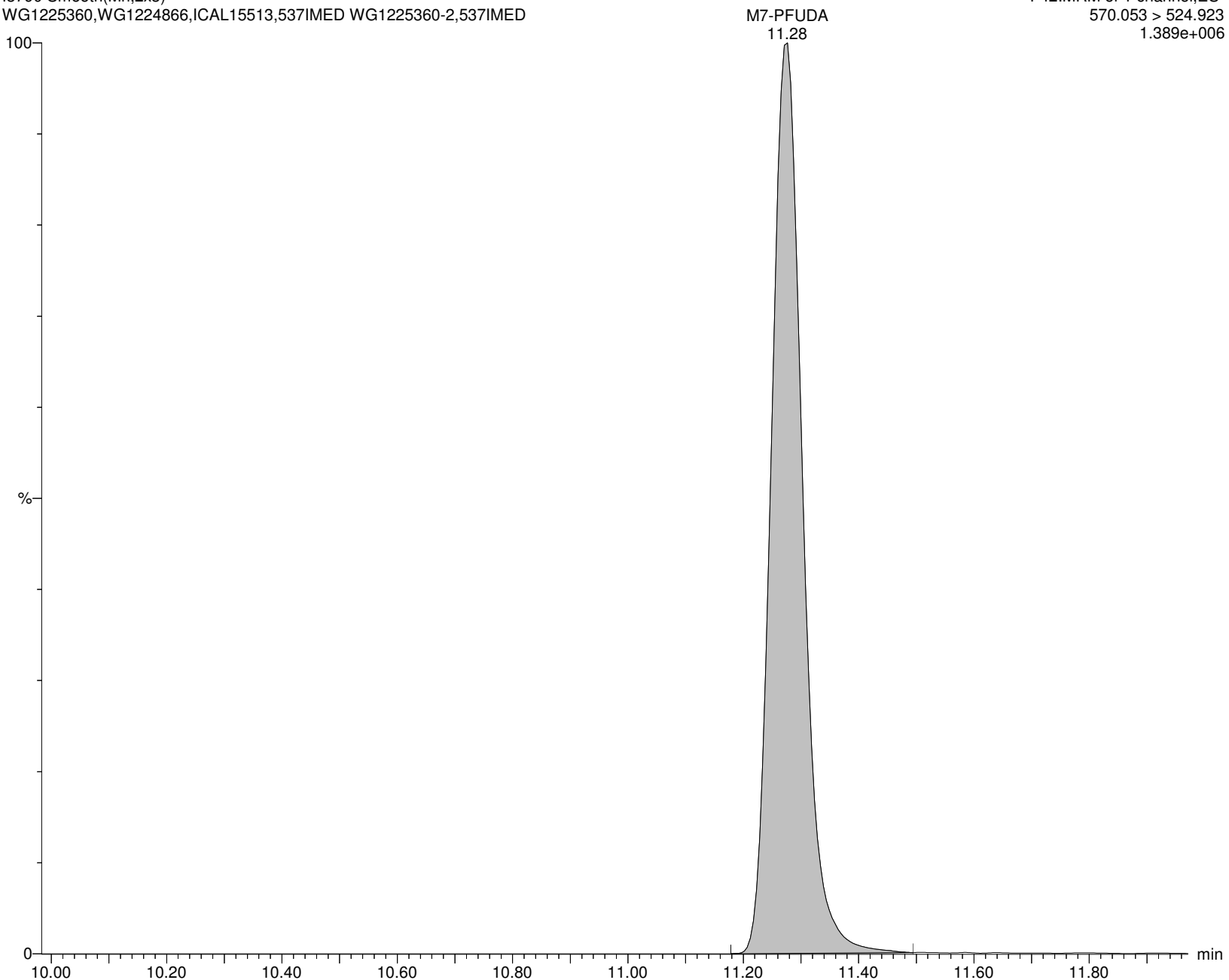
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F42:MRM of 1 channel,ES-

570.053 > 524.923

1.389e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDS

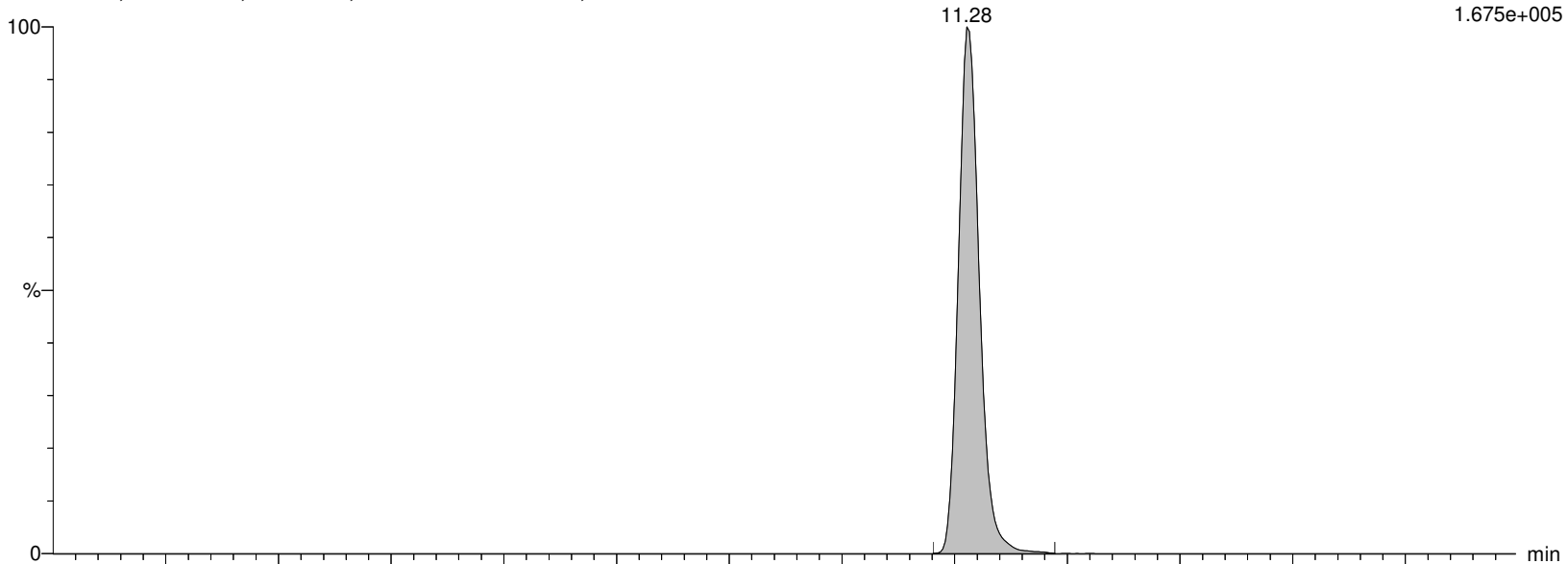
I3790 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F46:MRM of 2 channels,ES-

598.926 > 80.314

1.675e+005



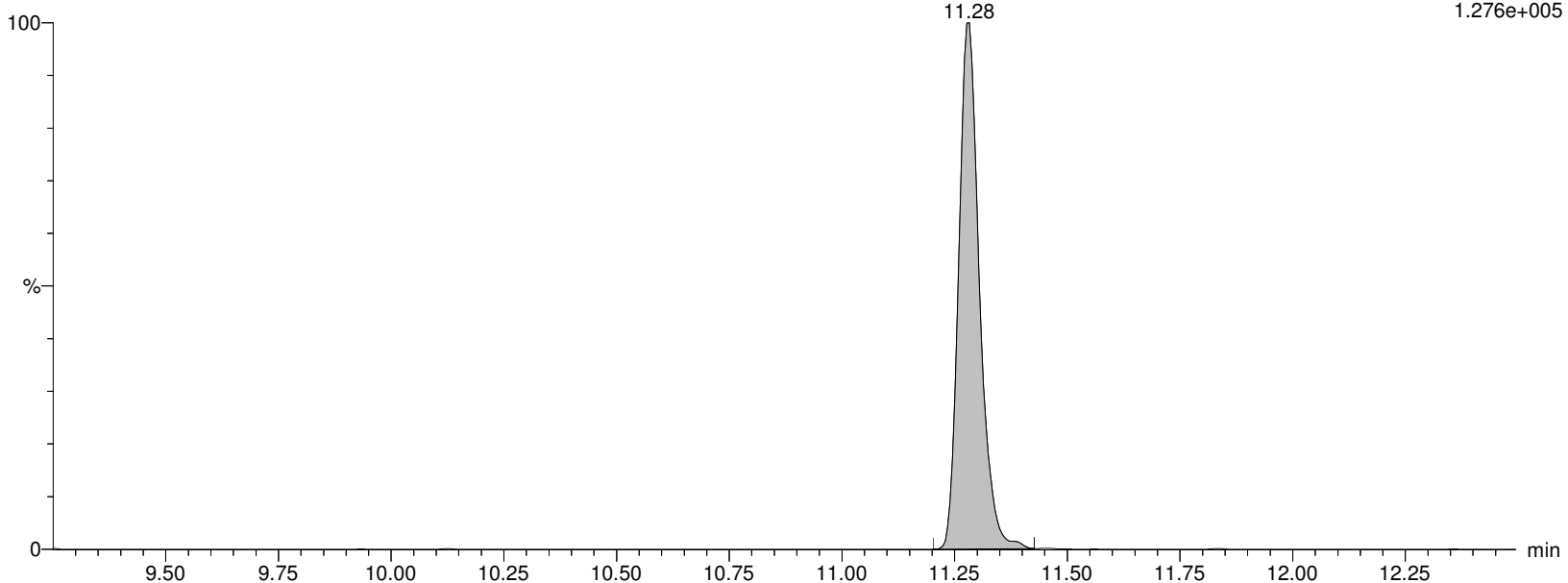
I3790 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F46:MRM of 2 channels,ES-

598.926 > 99.22

1.276e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

FOSA

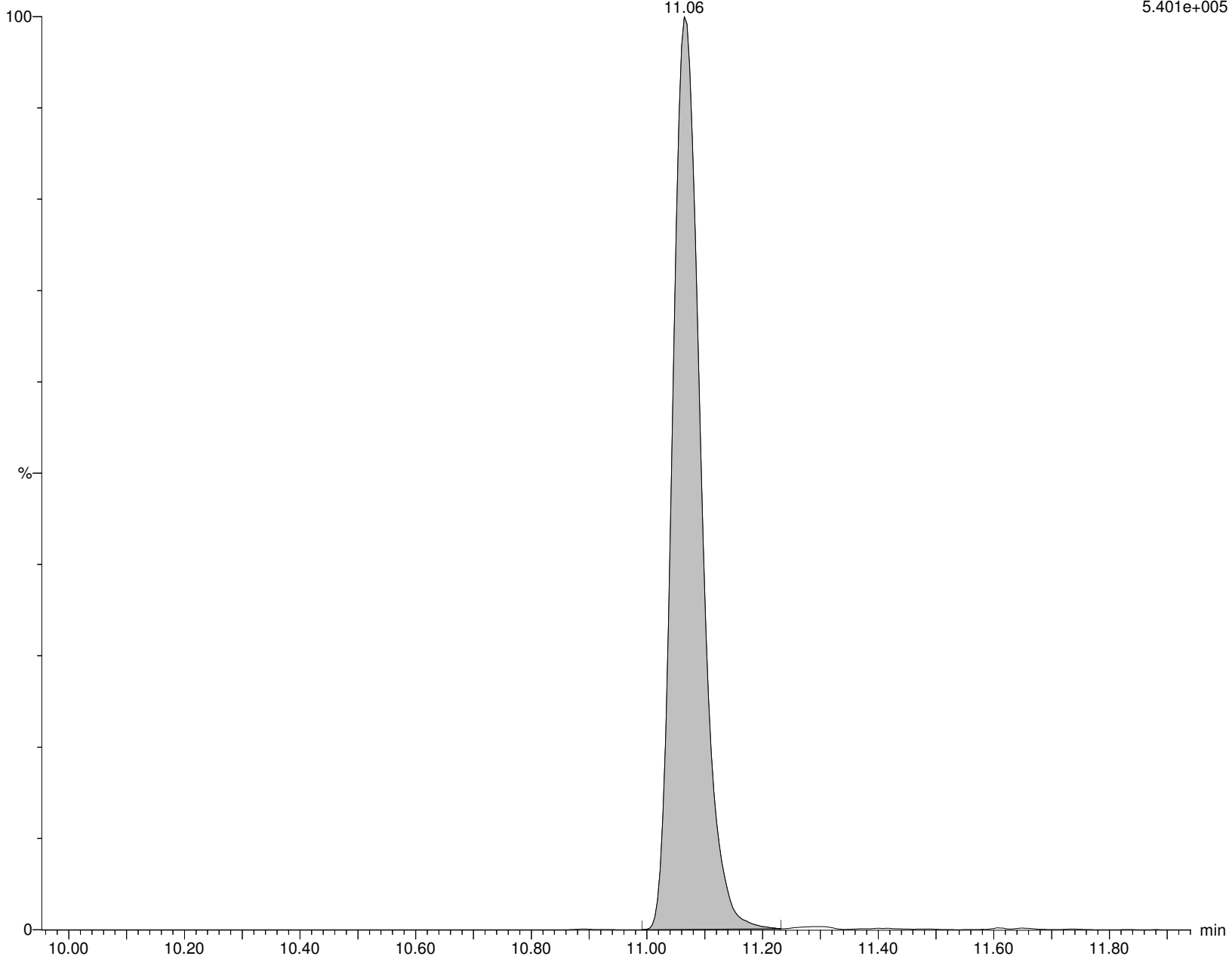
I3790 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F28:MRM of 2 channels,ES-

497.989 > 78.245

5.401e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8FOSA

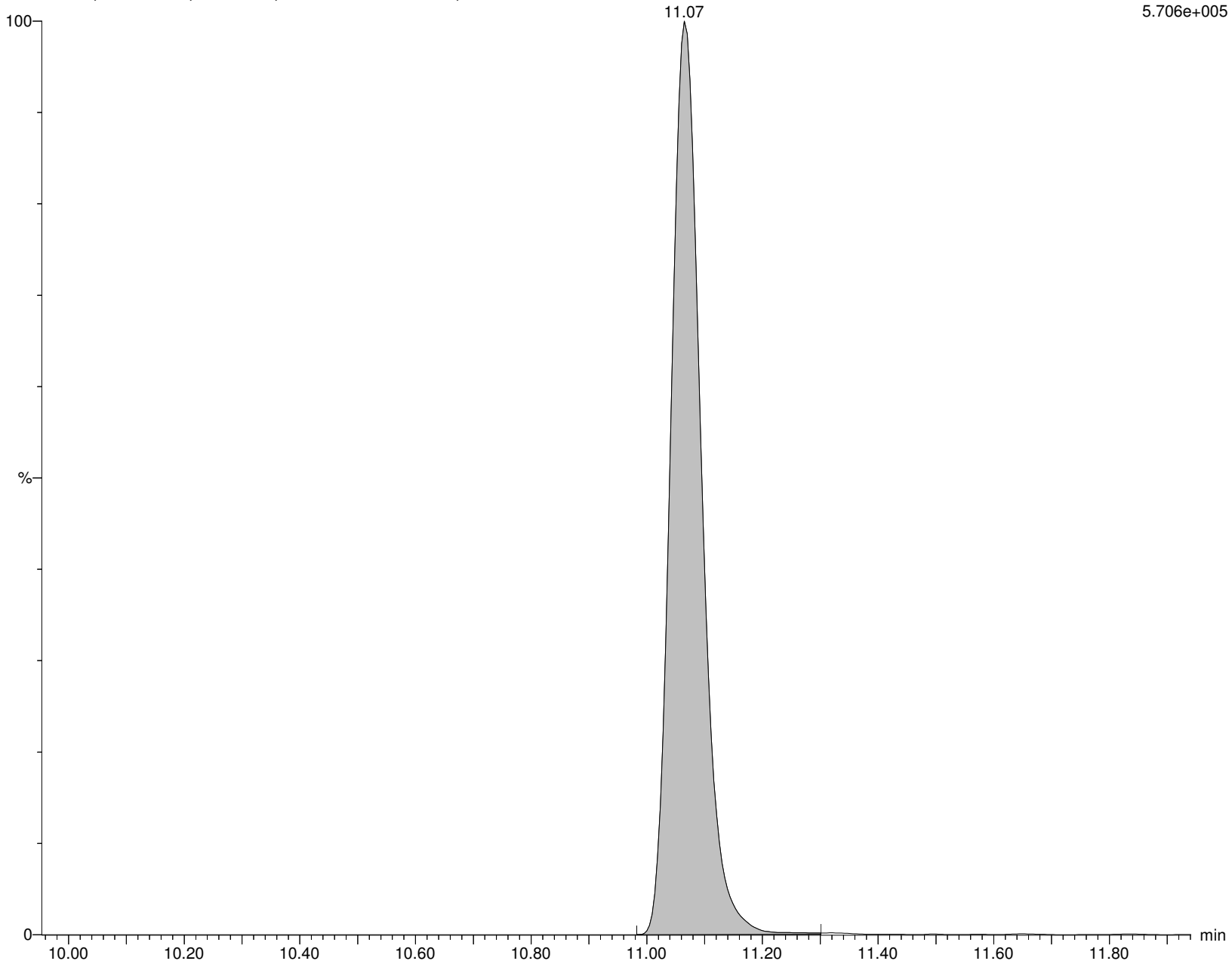
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F31:MRM of 1 channel,ES-

506.053 > 78.286

5.706e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d5-NEtFOSAA

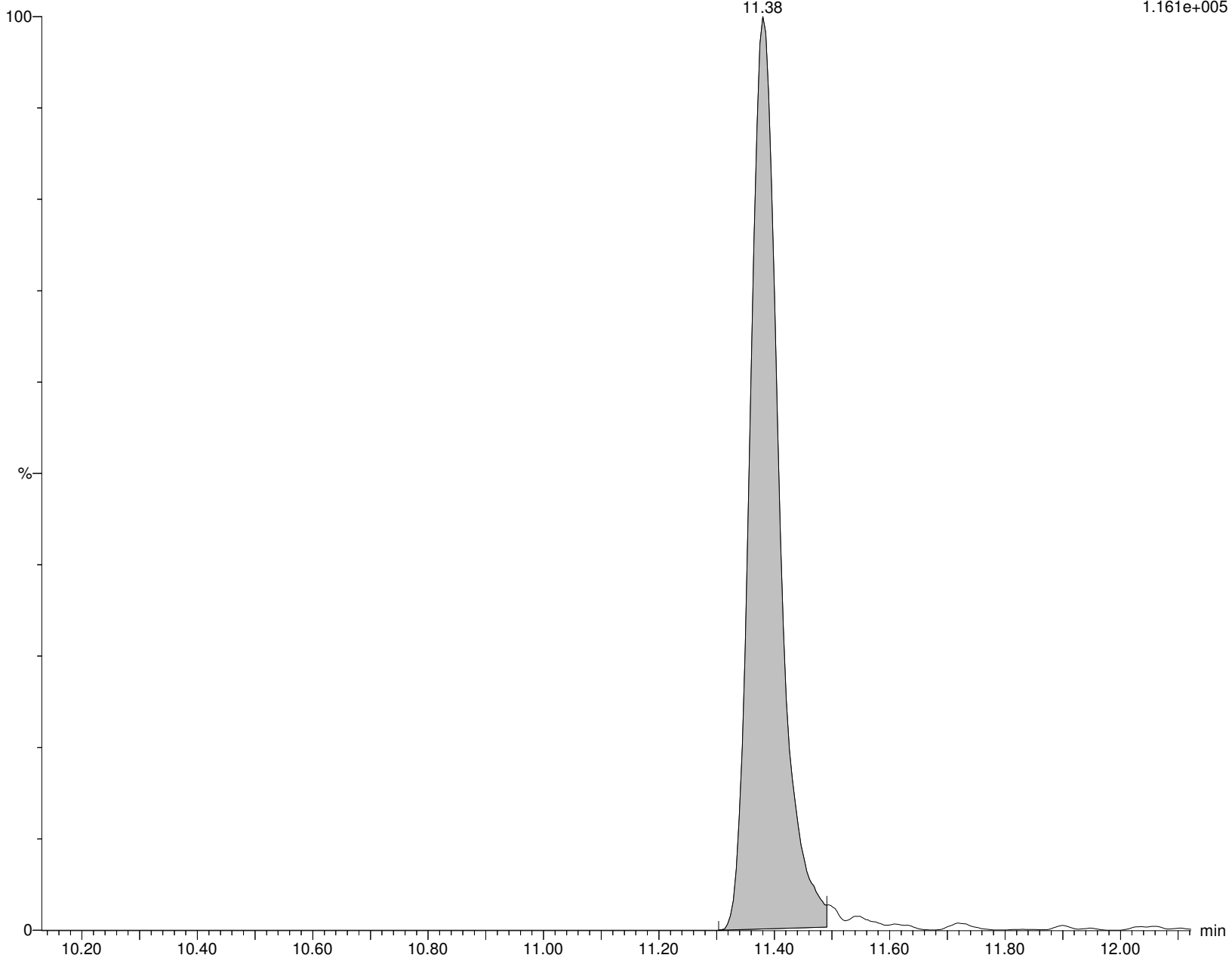
I3790 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F45:MRM of 1 channel,ES-

589.117 > 418.929

1.161e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NEtFOSAA

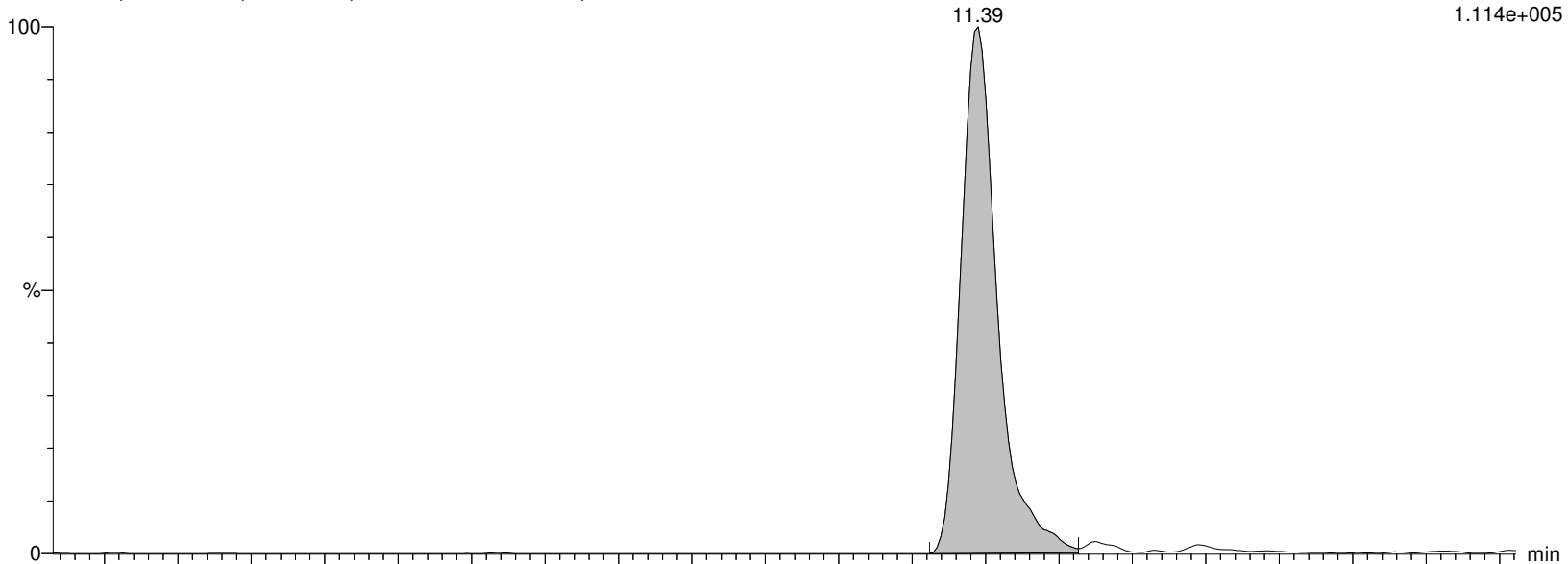
I3790 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F44:MRM of 2 channels,ES-

583.989 > 418.927

1.114e+005



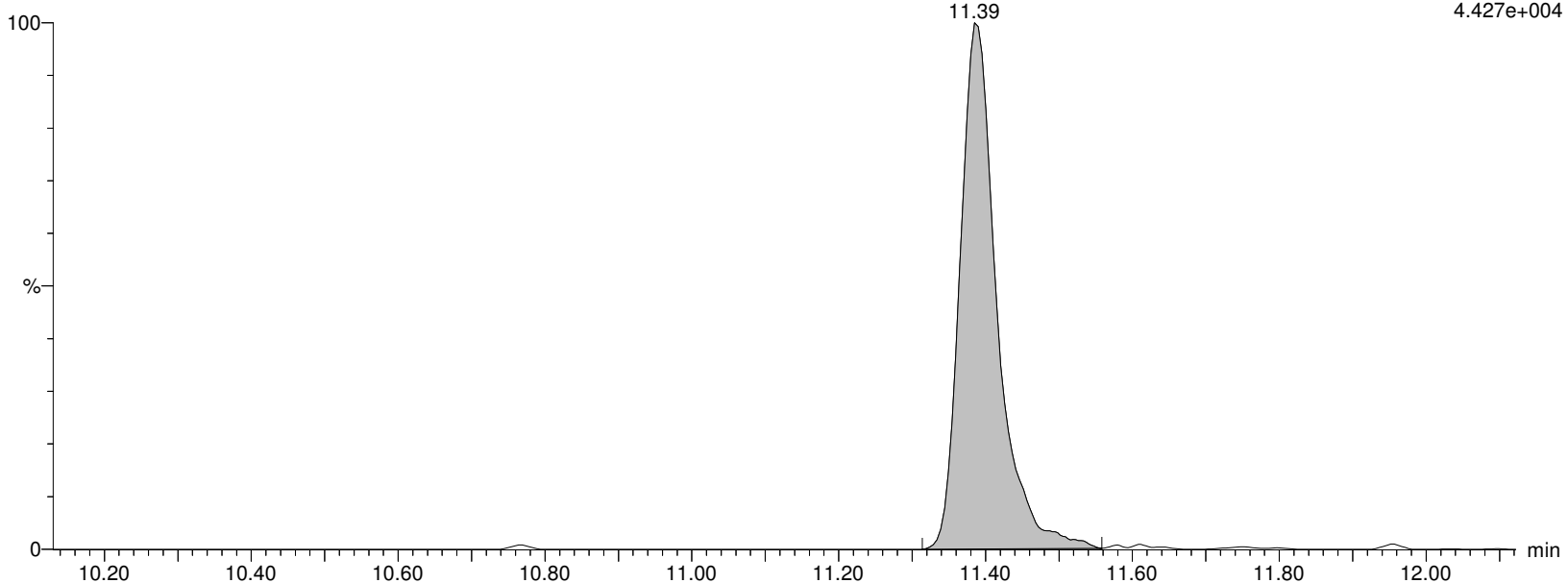
I3790 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F44:MRM of 2 channels,ES-

583.989 > 482.88

4.427e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDoA

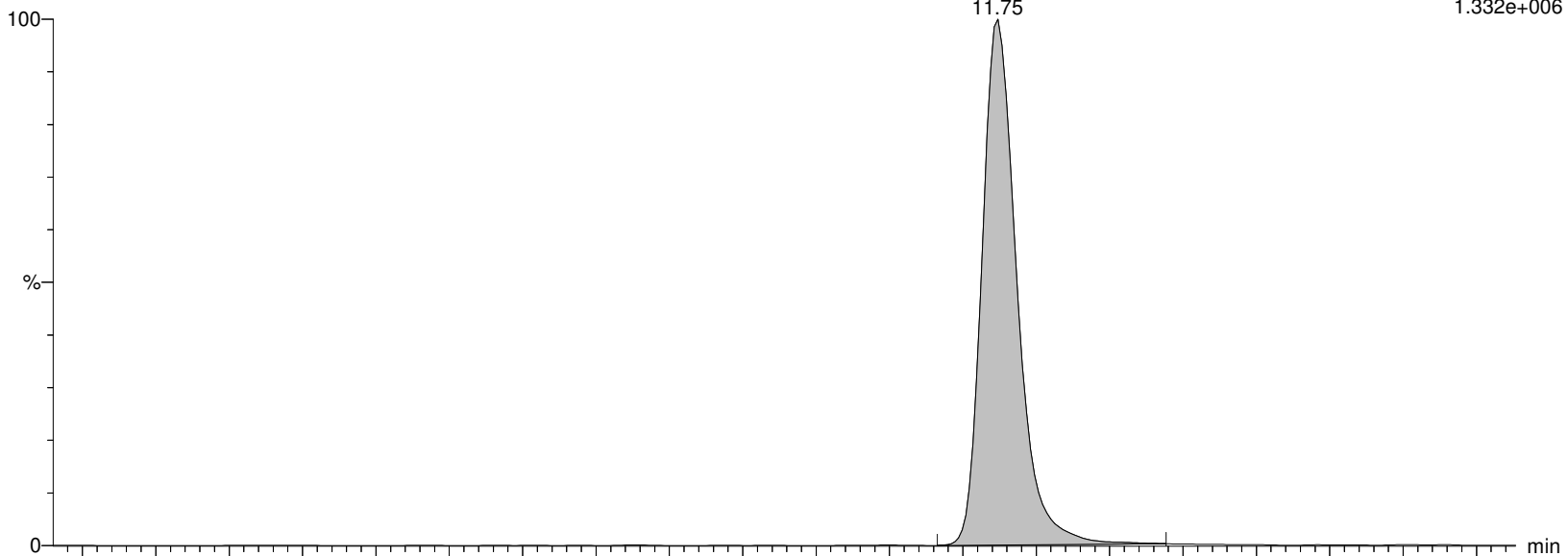
I3790 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F47:MRM of 2 channels,ES-

612.989 > 568.967

1.332e+006



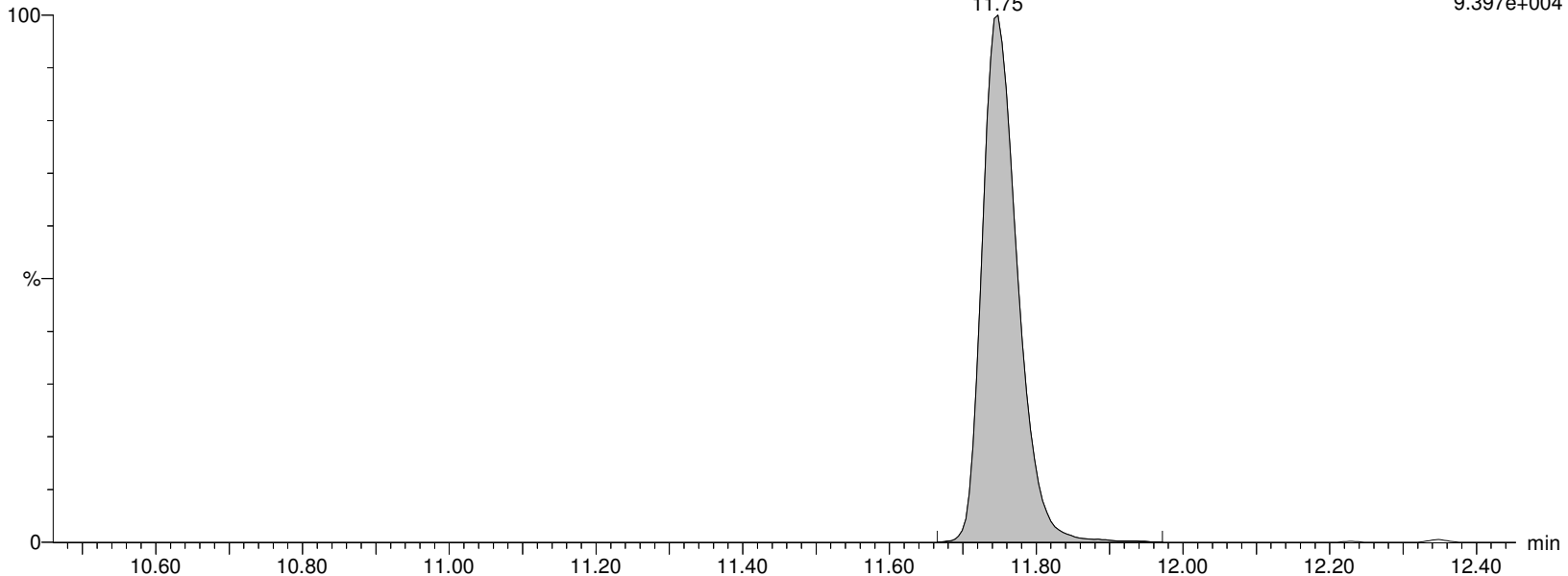
I3790 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F47:MRM of 2 channels,ES-

612.989 > 219.08

9.397e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFDOA

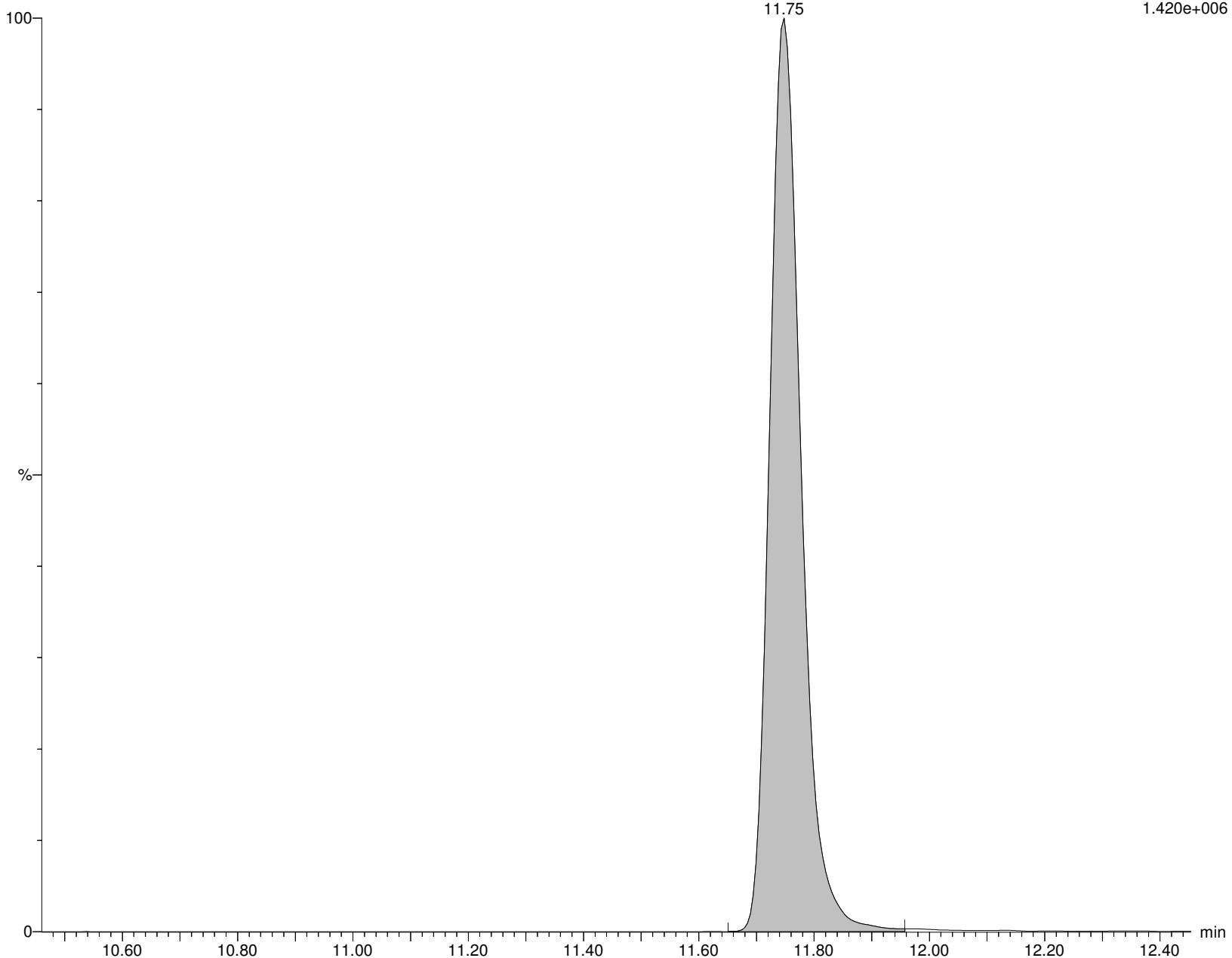
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F48:MRM of 1 channel,ES-

614.989 > 569.92

1.420e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360, WG1224866, ICAL15513, 537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTTrDA

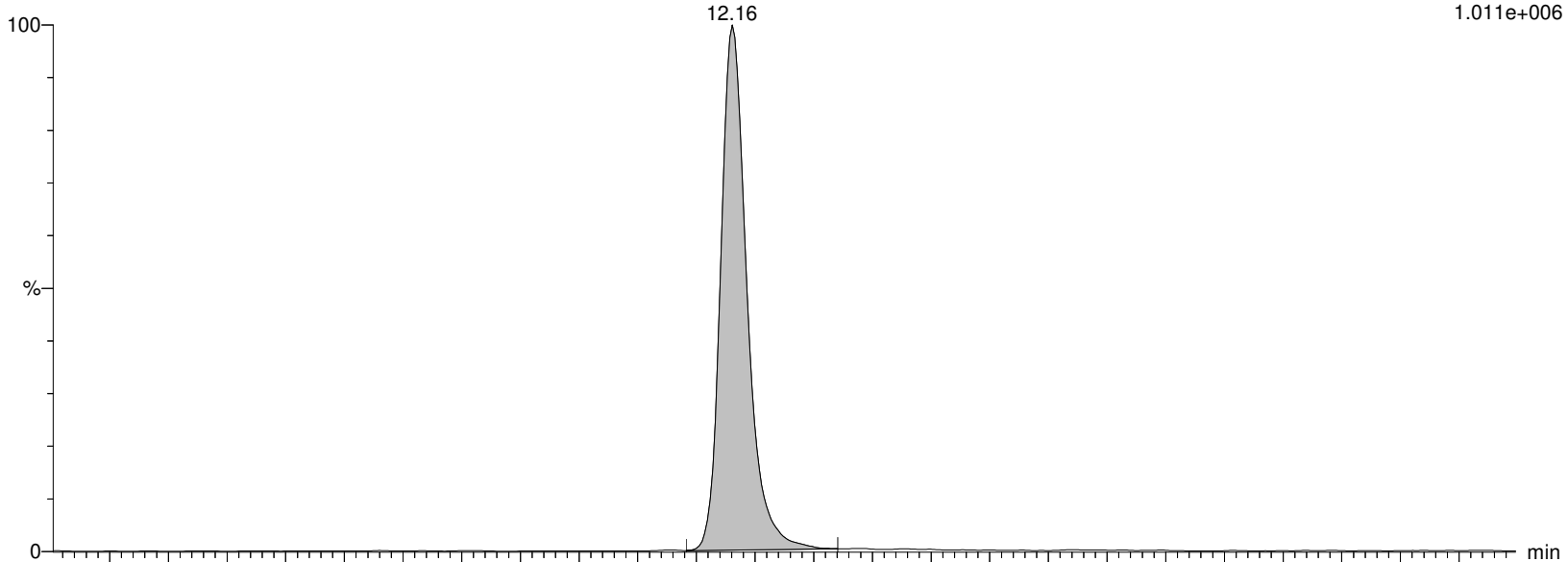
I3790 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513, 537IMED WG1225360-2, 537IMED PFTTrDA

F51:MRM of 2 channels, ES-

663.053 > 618.969

1.011e+006



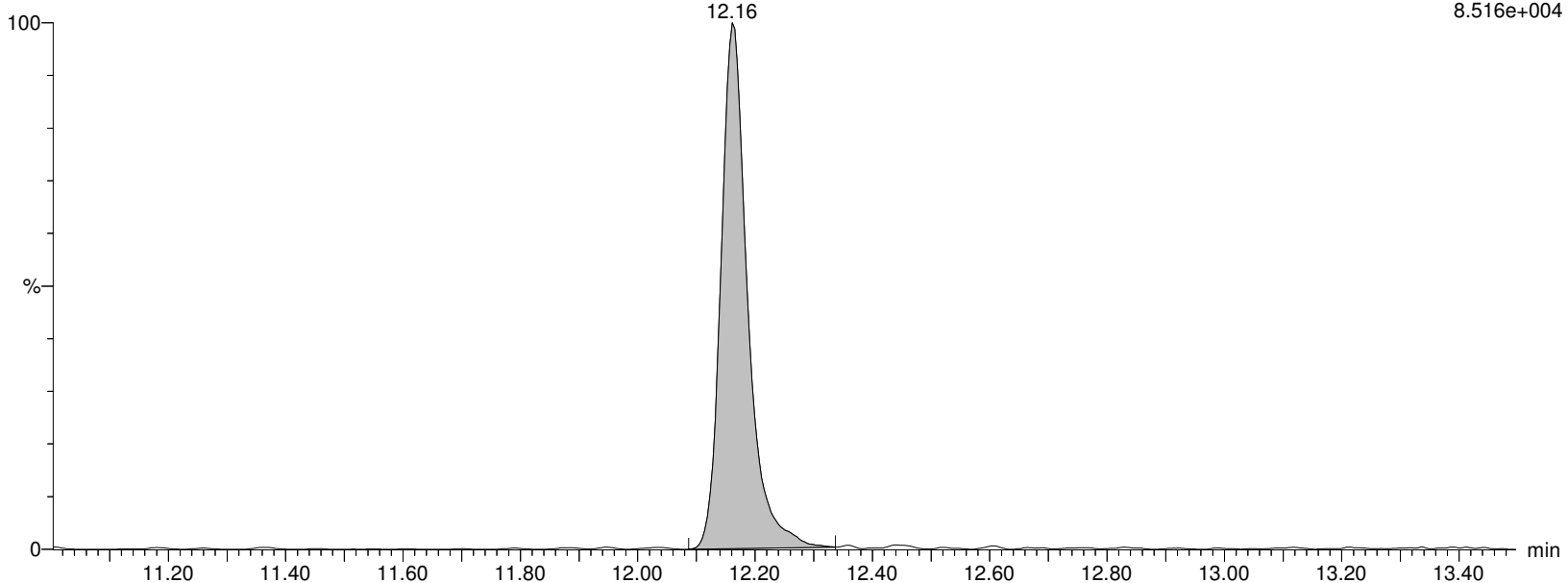
I3790 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513, 537IMED WG1225360-2, 537IMED PFTTrDA

F51:MRM of 2 channels, ES-

663.053 > 319.02

8.516e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTA

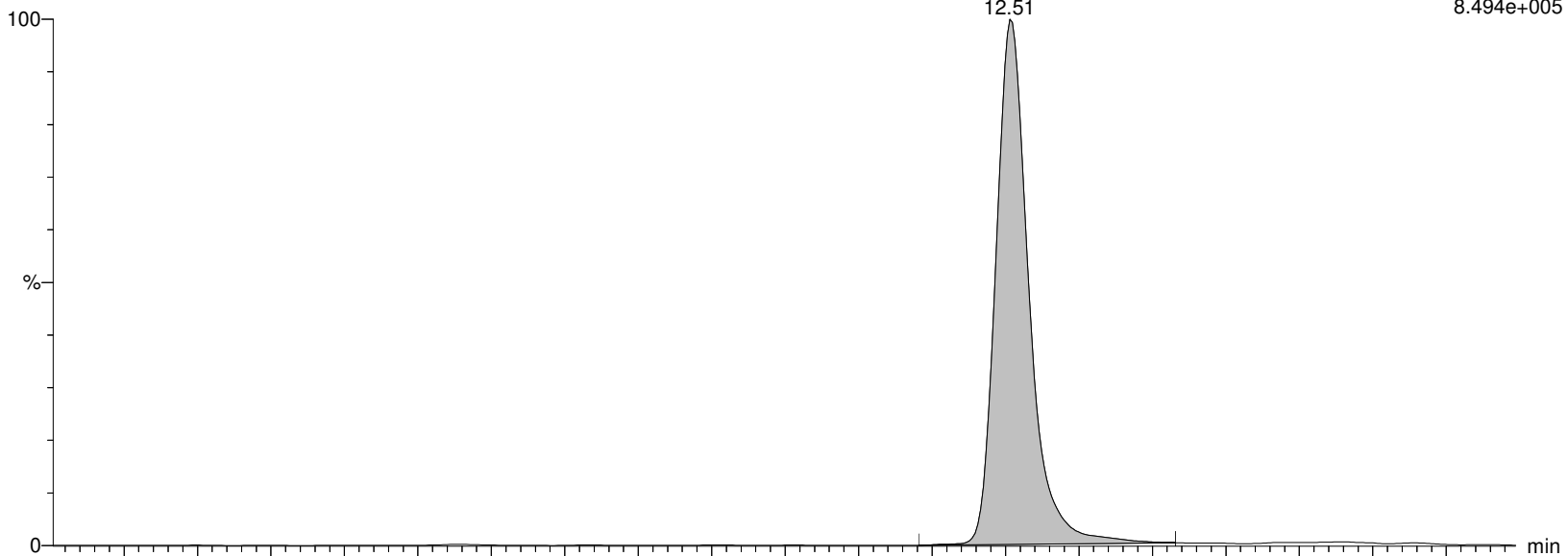
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F52:MRM of 2 channels,ES-

713.053 > 668.976

8.494e+005



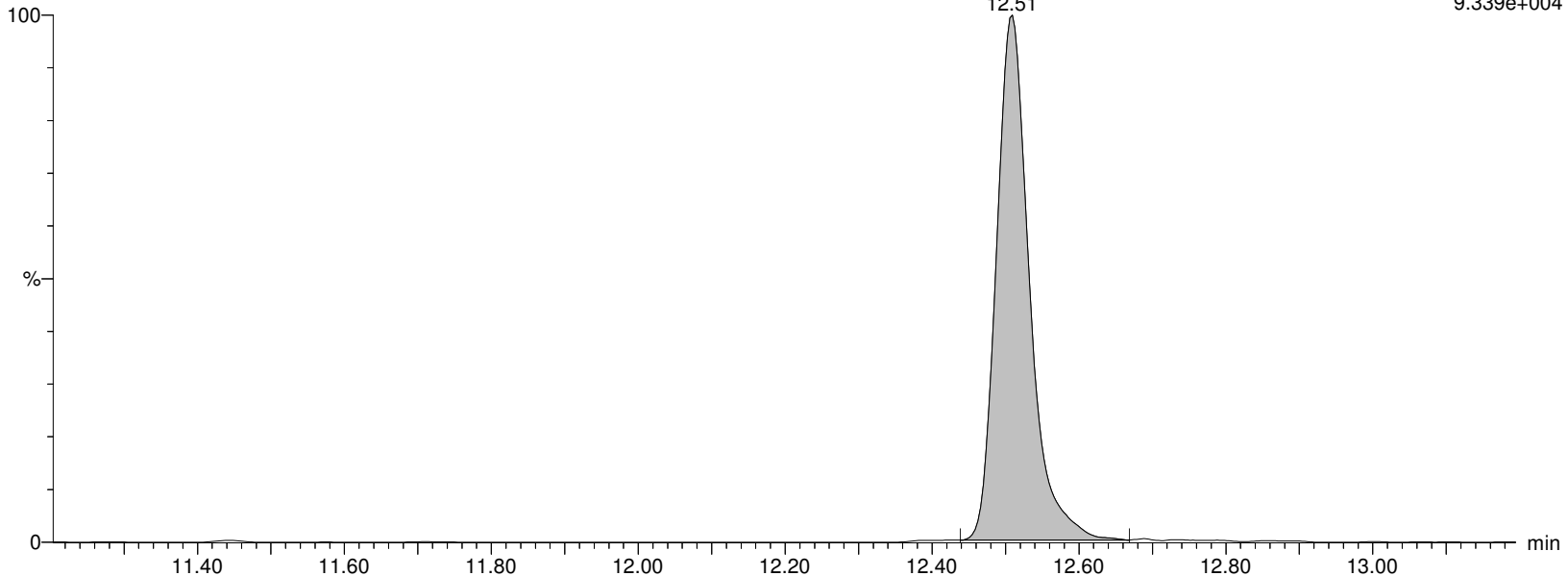
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F52:MRM of 2 channels,ES-

713.053 > 219.09

9.339e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFTEDA

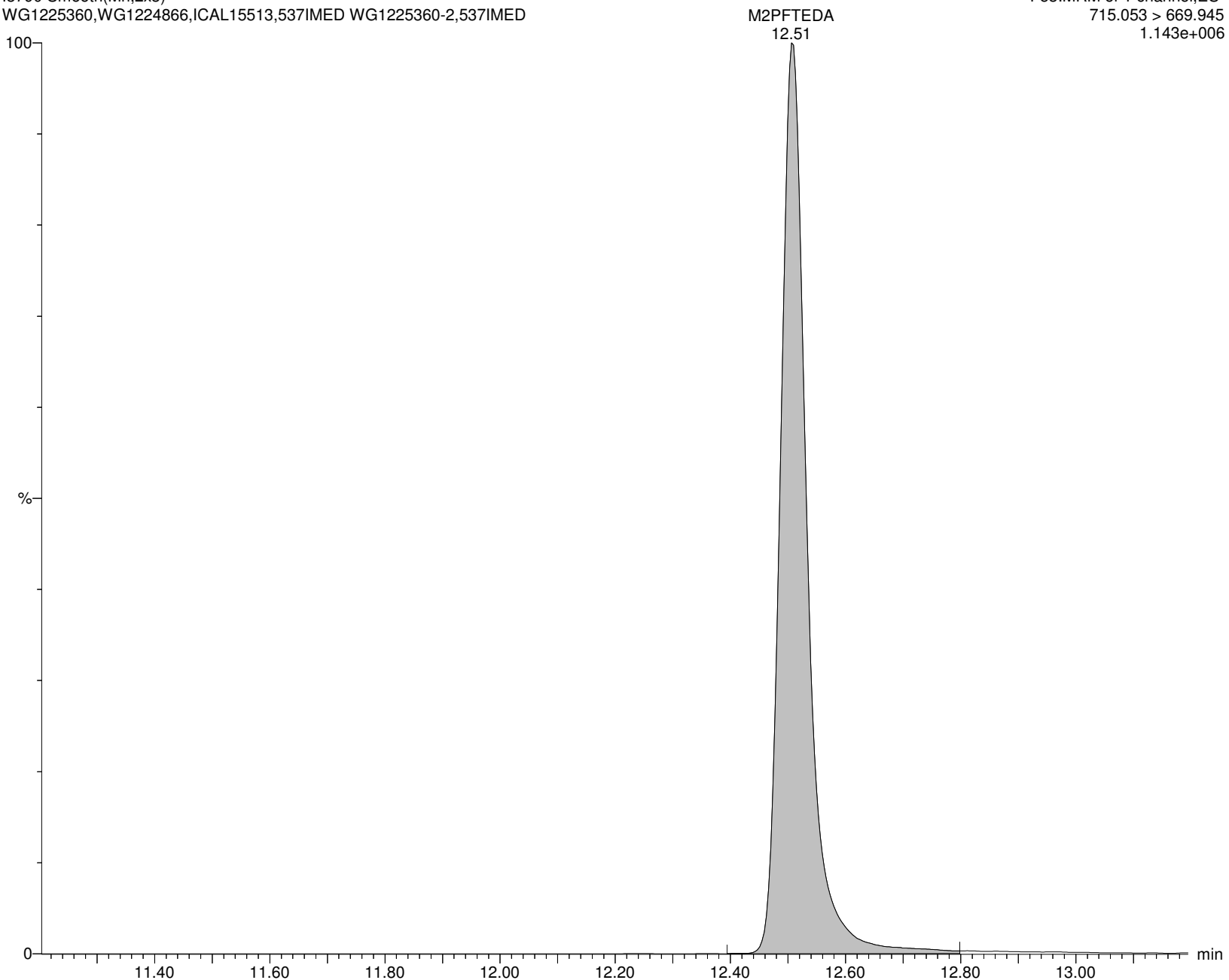
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F53:MRM of 1 channel,ES-

715.053 > 669.945

1.143e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3HFPO-DA

I3790 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F13:MRM of 1 channel,ES-

331.989 > 286.995

1.000e-003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

HFPO-DA

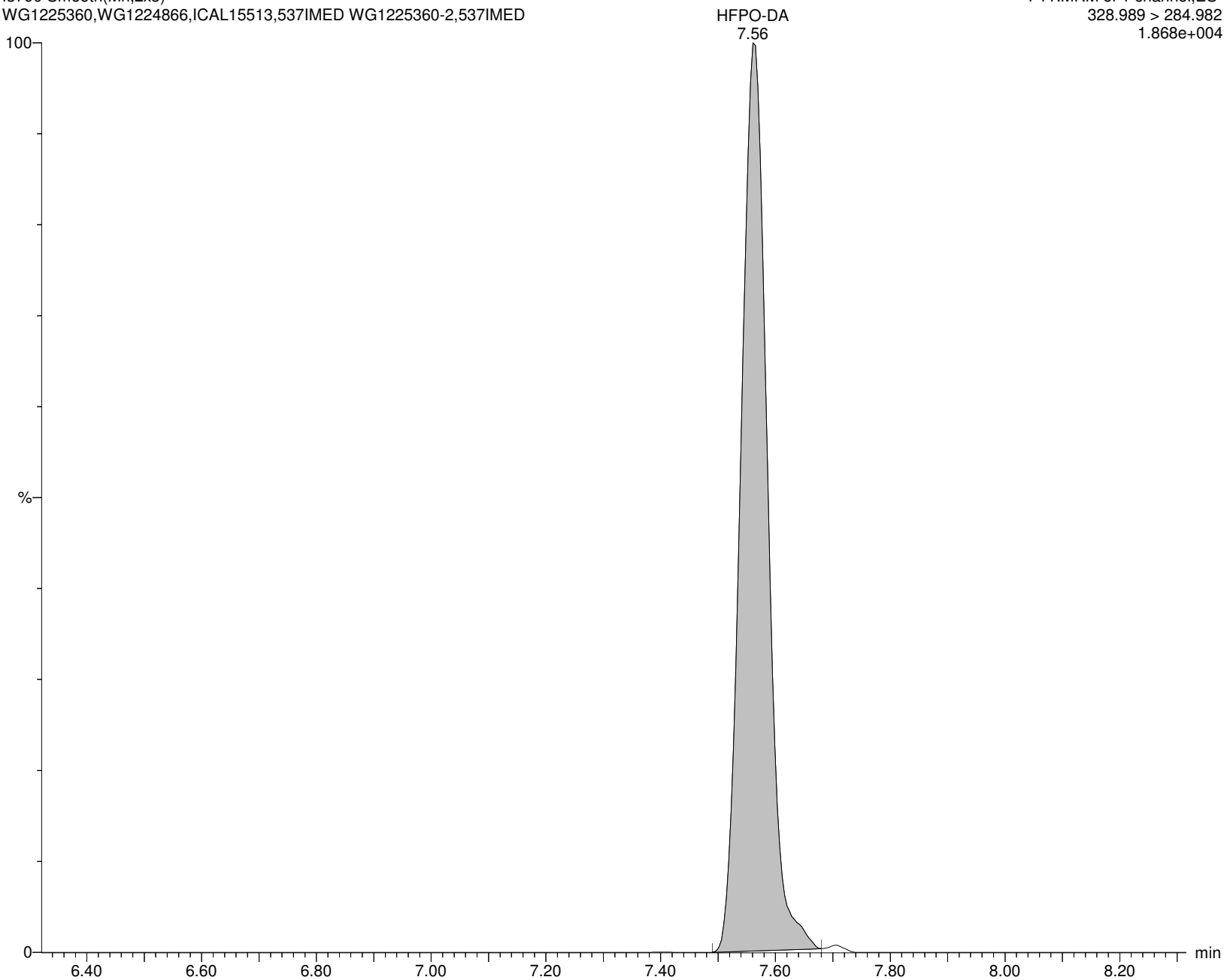
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F11:MRM of 1 channel,ES-

328.989 > 284.982

1.868e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

ADONA

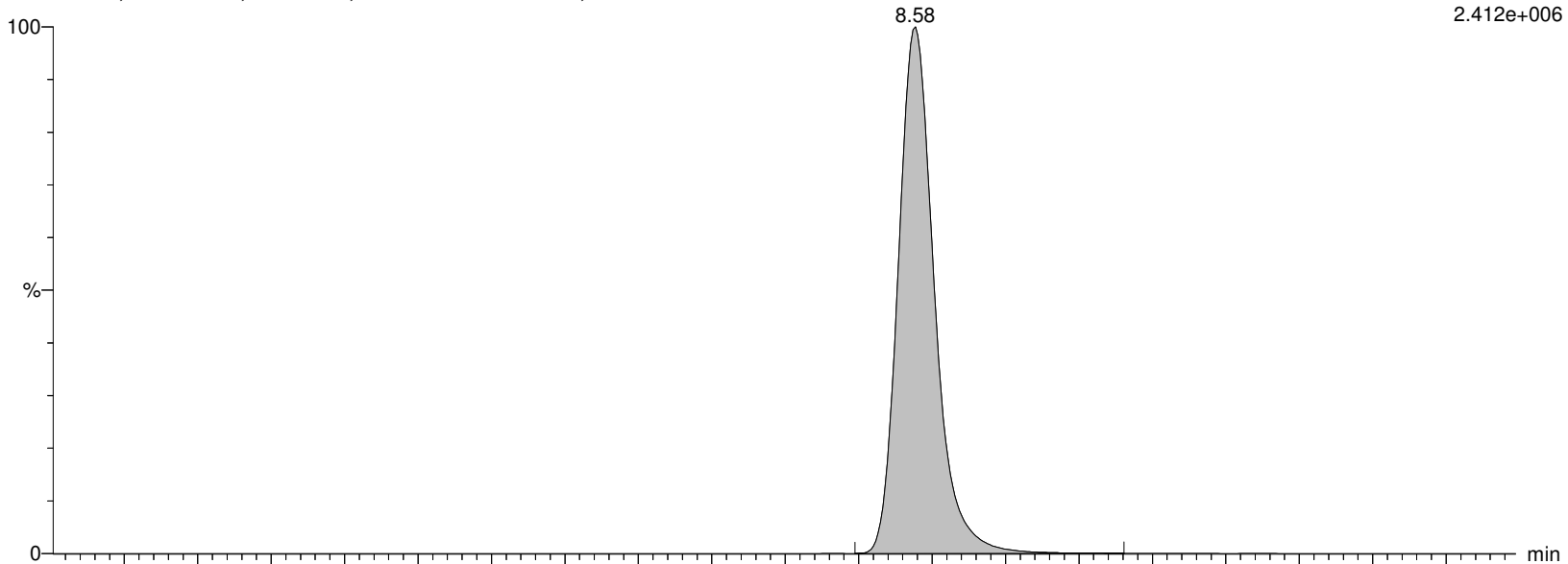
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F17:MRM of 2 channels,ES-

376.926 > 251.005

2.412e+006



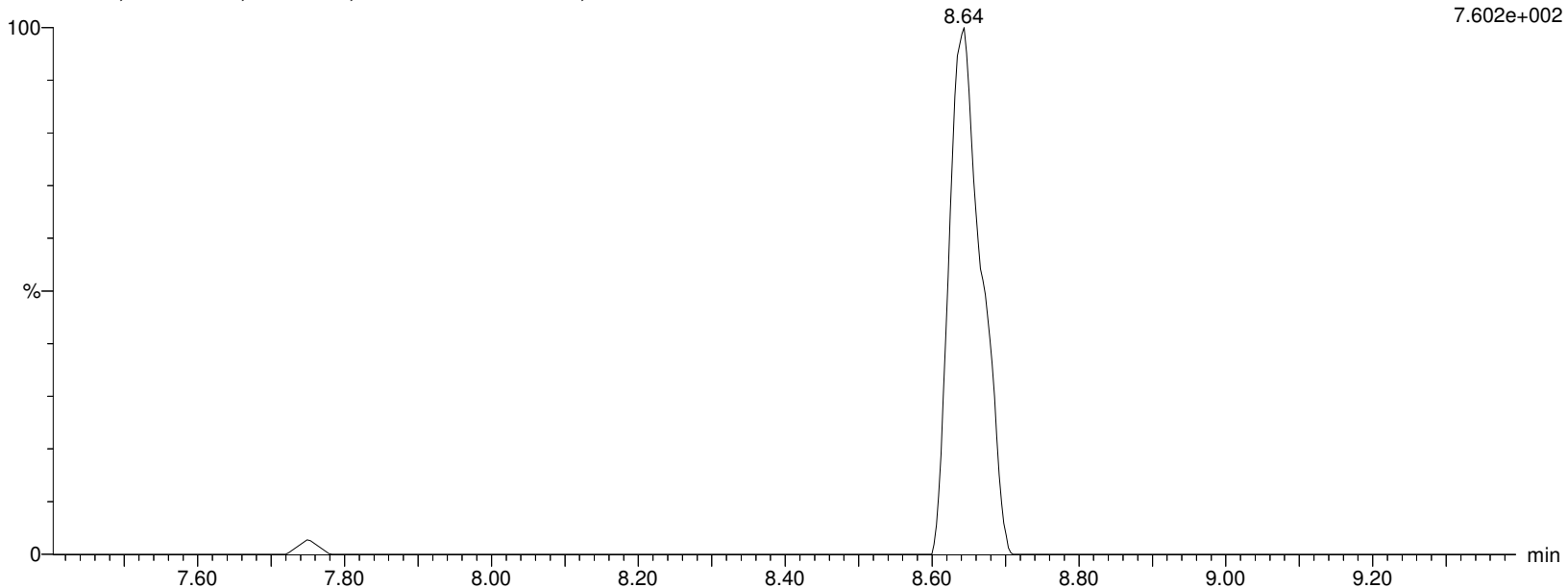
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F17:MRM of 2 channels,ES-

376.926 > 135.12

7.602e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxDA

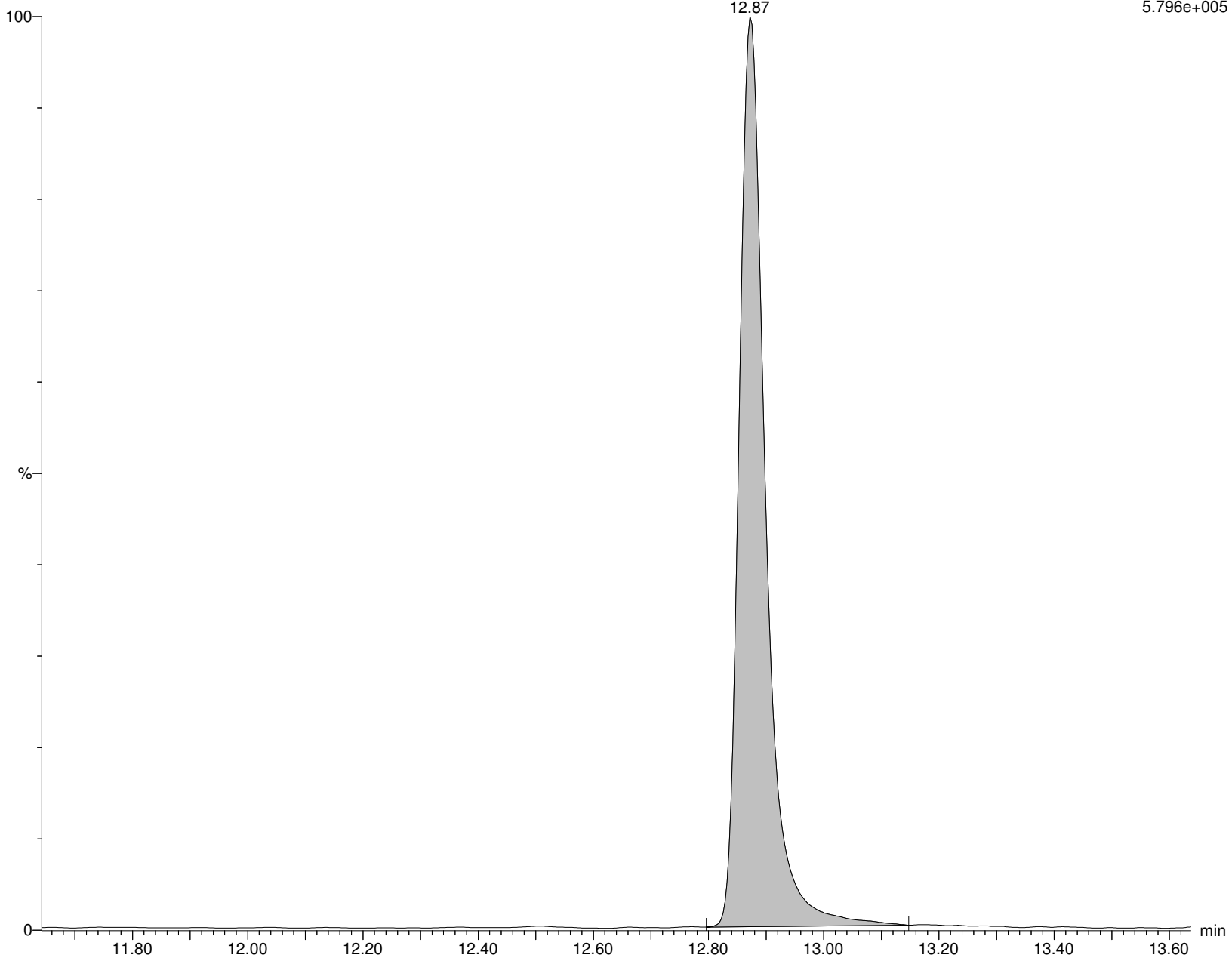
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F54:MRM of 1 channel,ES-

813.053 > 769.005

5.796e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFODA

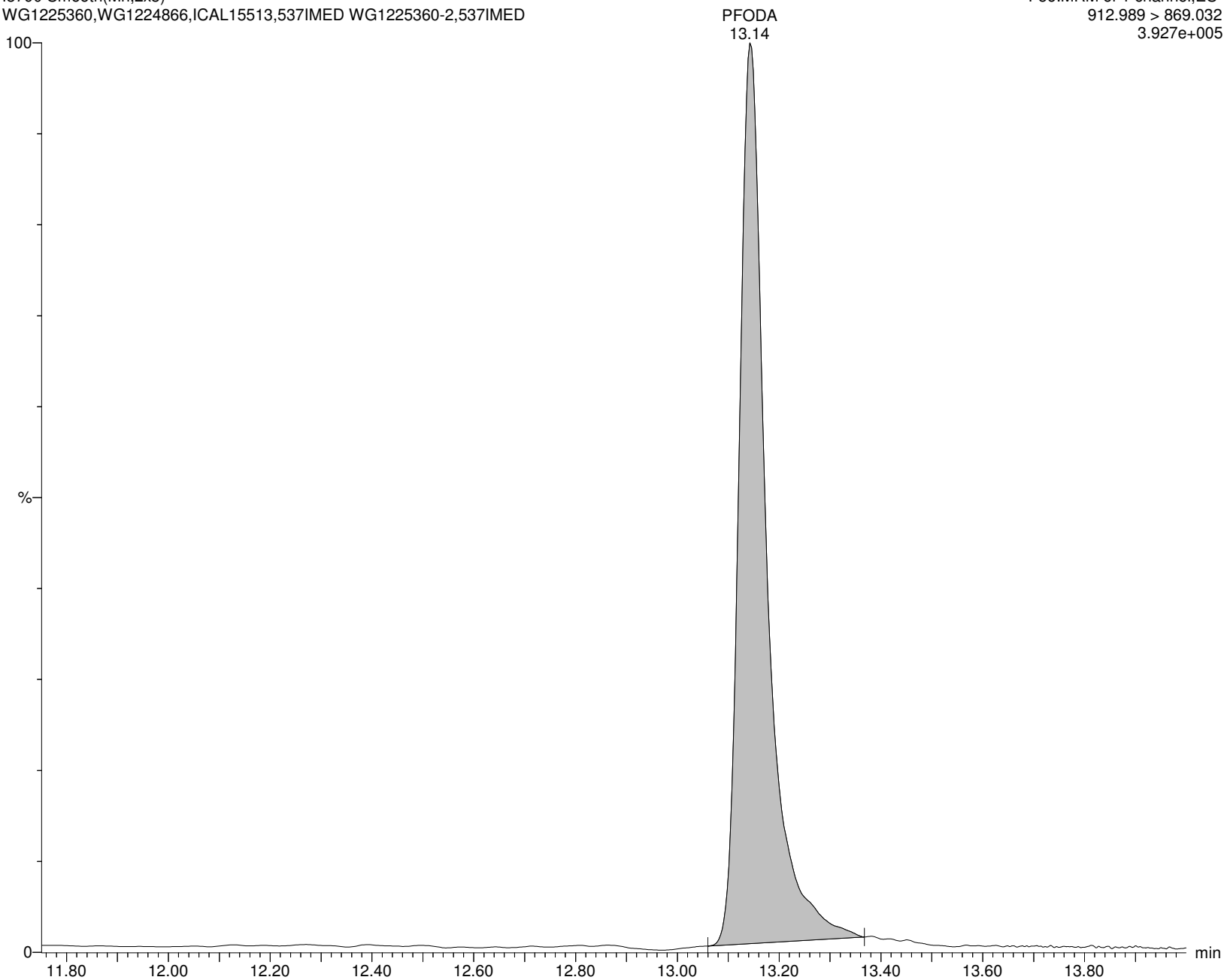
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F56:MRM of 1 channel,ES-

912.989 > 869.032

3.927e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFHxDA

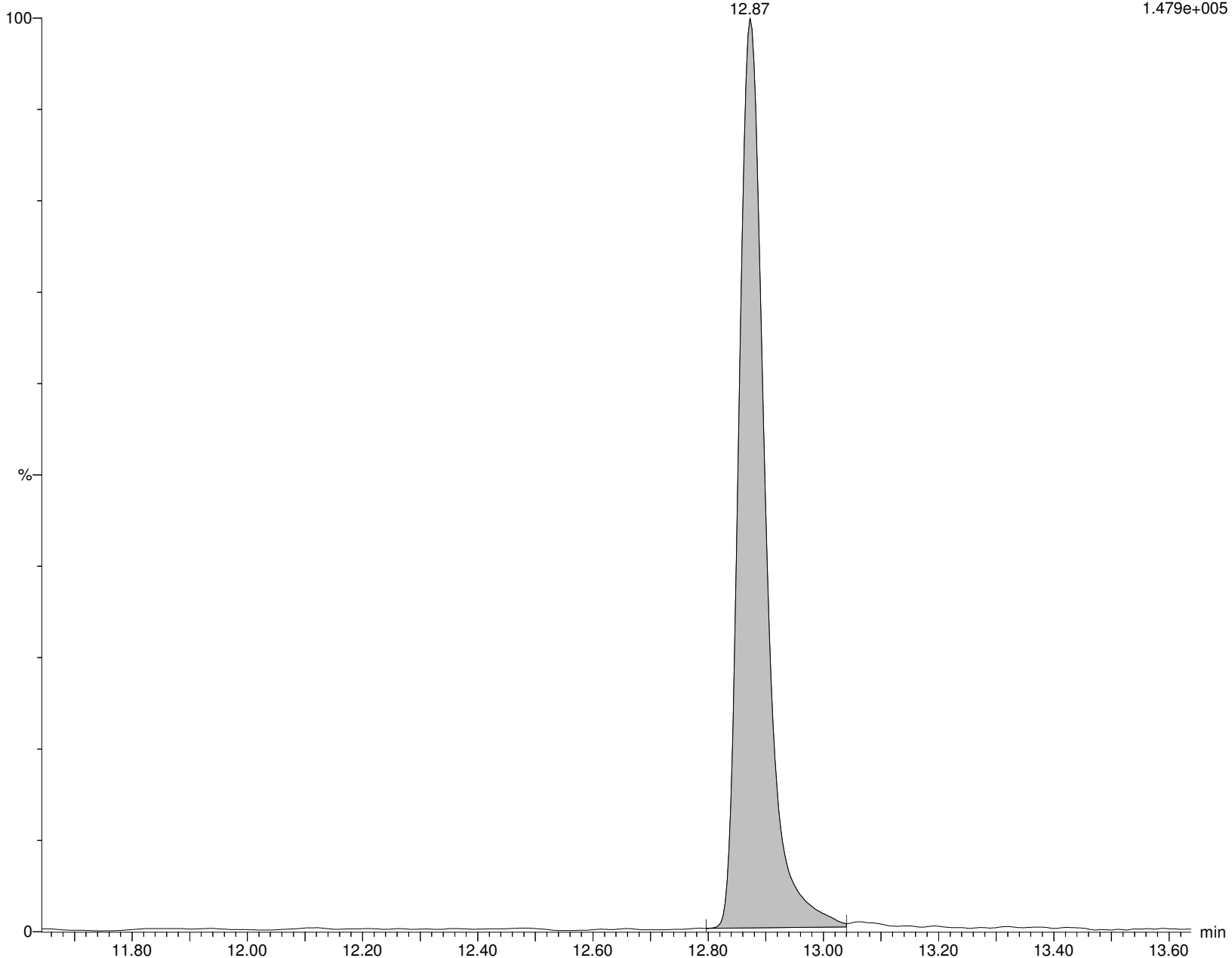
I3790 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F55:MRM of 1 channel,ES-

815.372 > 770.158

1.479e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

10:2FTS

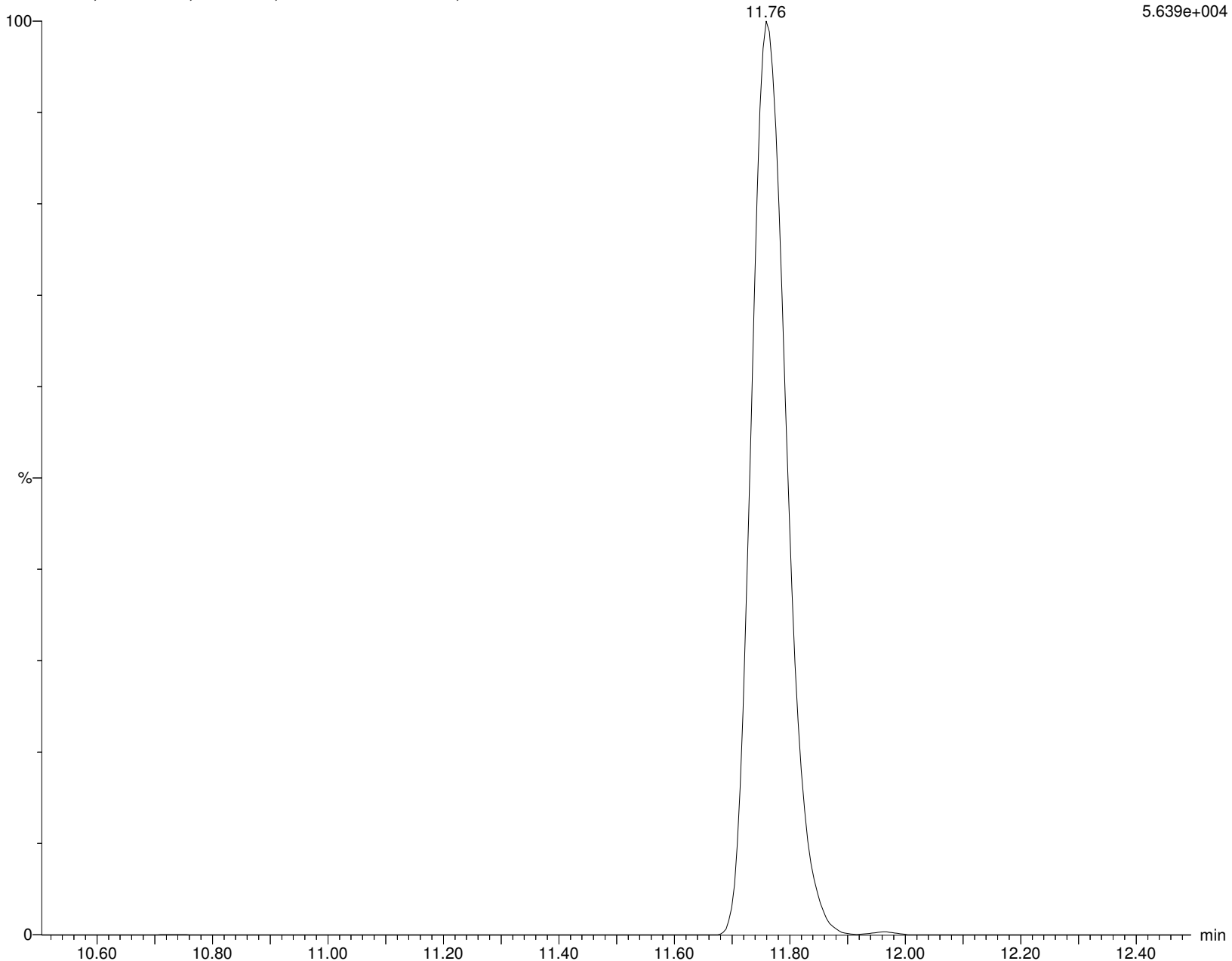
I3790 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

F49:MRM of 1 channel,ES-

626.862 > 606.896

5.639e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

9CL-PF3ONS

I3790 Smooth(Mn,2x5)

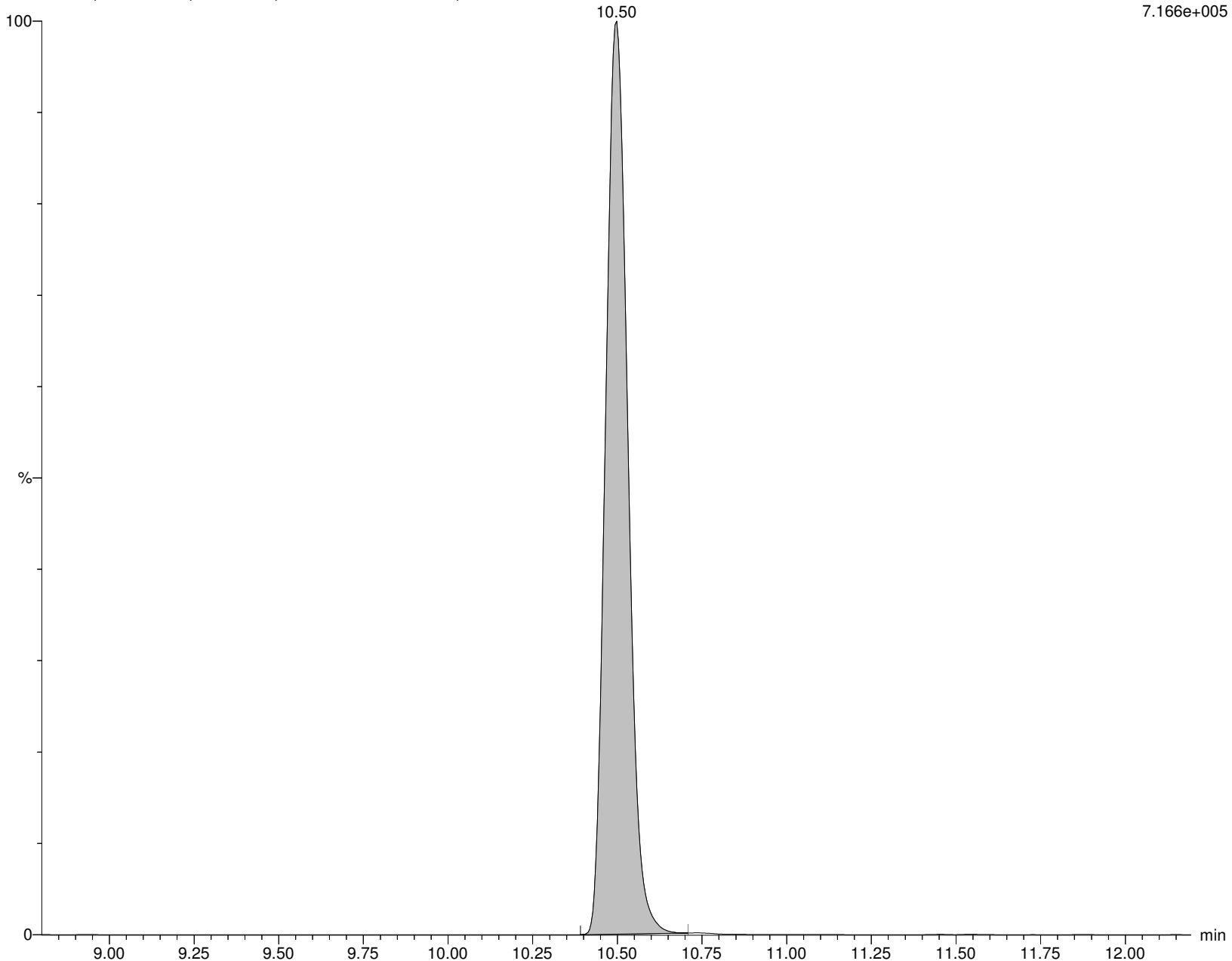
WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

9CL-PF3ONS

F38:MRM of 1 channel,ES-

530.862 > 350.843

7.166e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:36:20 Eastern Daylight Time

Name: I3790

ID: WG1225360-2,537IMED

Date: 11-Apr-2019

Time: 14:37:00

Description: WG1225360,WG1224866,ICAL15513,537IMED

User: LCMS02:JW

Vial: 2:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

11CL-PFOUdS

I3790 Smooth(Mn,2x5)

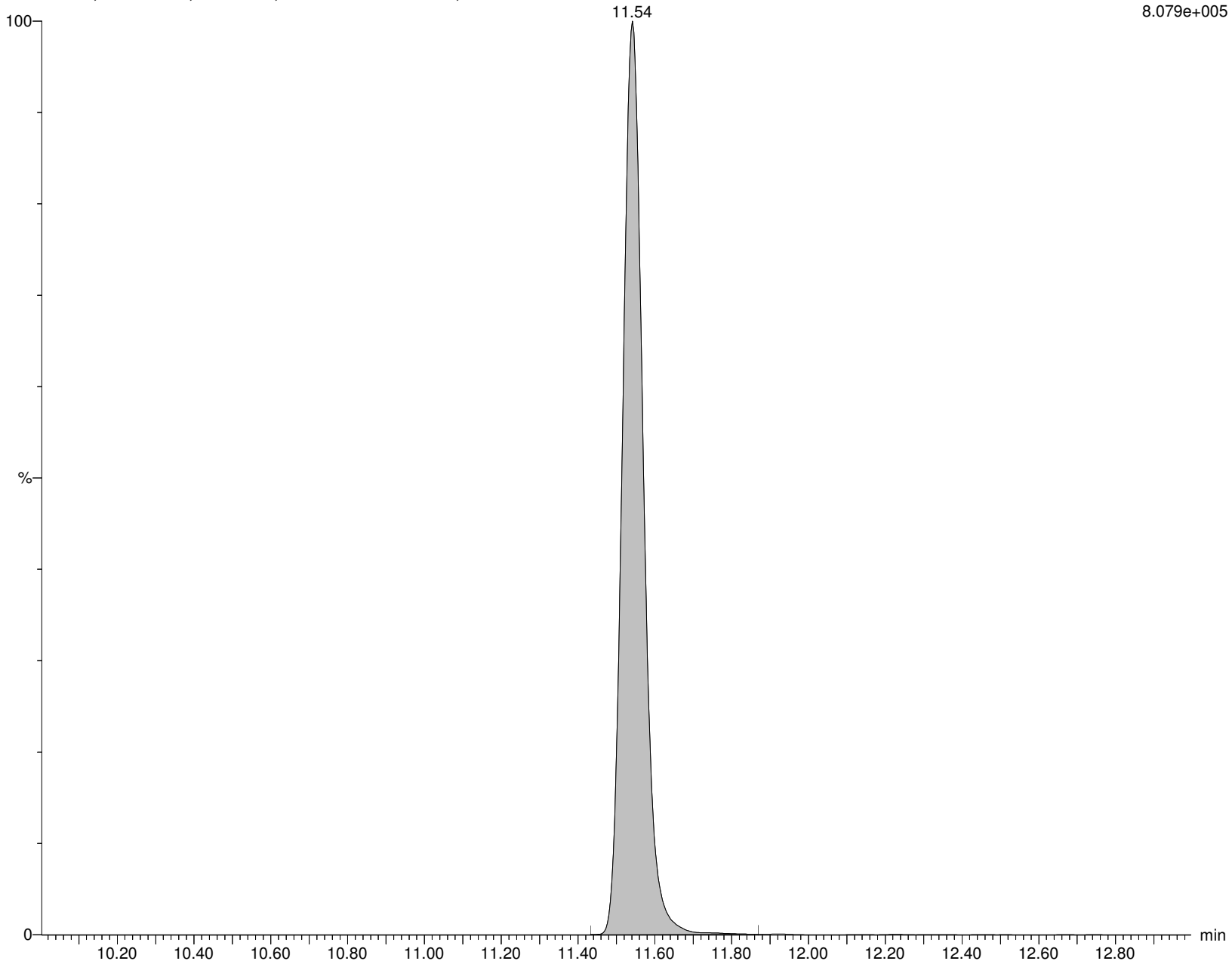
WG1225360,WG1224866,ICAL15513,537IMED WG1225360-2,537IMED

11CL-PFOUdS

F50:MRM of 1 channel,ES-

630.862 > 450.854

8.079e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Method: C:\MassLynx\Data\2019\190411_537ISO.PRO\MethDB\537ISO_Q_190215_RT.mdb 10 Apr 2019 16:27:50

Calibration: C:\MassLynx\Data\2019\190411_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 08:45:17

ID: WG1225360-3,537ILOW

Name: I3797

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:JW

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.36	212.926 > 169.111	1995		0.487		na	97.4
2	M3PFBA	INT STD	2.36	215.926 > 172.122	41176		8.675		na	86.7
3	MPFBA	INT STD	2.36	216.926 > 172.137	47767		10.739		na	107.4
4	PFPeA	2706-90-3	5.24	262.926 > 219.002	3235		0.458		na	91.7
5	M5PFPEA	INT STD	5.24	267.989 > 223.081	65884		11.907		na	119.1
6	PFBS	375-73-5	5.88	298.989 > 80.295	536		0.393		na	88.9
7	M3PFBS	INT STD	5.88	301.989 > 80.254	13048		10.004		na	100.0
8	4:2FTS	757124-72-4	7.04	326.926 > 306.957	155		0.351	2.19	YES	75.0
9	M2-4:2FTS	INT STD	7.04	329.117 > 309.079	3689		6.096		na	61.0
10	PFHxA	307-24-4	7.12	312.989 > 269.028	3768		0.434		YES	86.9
11	M5PFHxA	INT STD	7.12	317.989 > 273.045	85695		10.506		na	105.1
12	PFPeS	2706-91-4	7.43	348.926 > 80.251	540		0.368	1.81	NO	78.3
13	PFHpA	375-85-9	8.38	362.926 > 319.014	5037		0.448	5.83	NO	89.6
14	M4PFHpA	INT STD	8.38	366.926 > 321.979	112301		10.657		na	106.6
15	br-PFHxS	355-46-4	8.29	398.926 > 80.295	48 M5		0.038		YES	44.1
16	L-PFHxS	355-46-4	8.53	398.926 > 80.295	384		0.277	1.55	NO	74.7
17	PFHxS	355-46-4		398.926 > 80.295	432		0.314		na	
18	M3PFHxS	INT STD	8.53	401.926 > 80.317	10034		10.869		na	108.7
19	br-PFOA	335-67-1		412.989 > 368.9			ND		YES	
20	L-PFOA	335-67-1	9.32	412.989 > 368.9	4991		0.453	12.01	NO	90.6
21	M2PFOA	INT STD	9.32	415.032 > 369.968	98113		9.907		na	99.1
22	PFOA	335-67-1		412.989 > 368.9	4991		0.453		na	
23	M8PFOA	INT STD	9.32	420.989 > 375.979	103060		10.937		na	109.4
24	6:2FTS	27619-97-2	9.28	426.989 > 406.921	129		0.329		na	69.3
25	M2-6:2FTS	INT STD	9.28	428.989 > 408.917	3903		6.422		na	64.2
26	PFHpS	375-92-8	9.41	448.926 > 80.257	331		0.399	1.04	YES	83.9
27	PFNA	375-95-1	10.08	462.989 > 418.931	4140		0.430	5.25	NO	86.0
28	M9PFNA	INT STD	10.08	472.053 > 426.947	104031		11.610		na	116.1
29	br-PFOS	1763-23-1	9.87	498.989 > 80.294	102 M5		0.063		YES	63.0
30	L-PFOS	1763-23-1	10.13	498.989 > 80.294	389		0.281	1.68	YES	77.0
31	PFOS	1763-23-1		498.989 > 80.294	492		0.344		na	
32	M4PFOS	INT STD	10.13	503.032 > 80.306	10485		11.340		na	113.4
33	M8PFOS	INT STD	10.13	507.053 > 80.294	12106		11.484		na	114.8
34	PFDA	335-76-2	10.72	513.053 > 468.906	3819		0.431	7.50	YES	86.1
35	M2PFDA	INT STD	10.72	515.053 > 469.934	82886		10.988		na	109.9
36	M6PFDA	INT STD	10.72	519.053 > 473.931	95649		10.782		na	107.8
37	8:2FTS	39108-34-4	10.71	526.989 > 506.946	112		0.387		na	80.6
38	M2-8:2FTS	INT STD	10.71	529.053 > 508.945	2533		7.572		na	75.7
39	PFNS	68259-12-1	10.74	548.989 > 80.249	398		0.383	1.17	NO	79.7

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

ID: WG1225360-3,537ILOW

Name: I3797

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:JW

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	11.09	573.096 > 418.987	6295		7.462		na	74.6
41	NMeFOSAA	2355-31-9	11.10	570.053 > 418.917	326		0.500		na	100.0
42	PfUnA	2058-94-8	11.27	562.989 > 518.903	3937		0.429	9.09	NO	85.7
43	M7-PFUDA	INT STD	11.27	570.053 > 524.923	84587		11.369		na	113.7
44	PFDS	335-77-3	11.27	598.926 > 80.314	414		0.426	1.31	YES	88.3
45	FOSA	754-91-6	11.06	497.989 > 78.245	1418	M4	0.427		na	85.3
46	M8FOSA	INT STD	11.06	506.053 > 78.286	32248		11.575		na	115.8
47	d5-NEtFOSAA	INT STD	11.38	589.117 > 418.929	5749		7.532		na	75.3
48	NEtFOSAA	2991-50-6	11.40	583.989 > 418.927	365		0.586	8.27	YES	117.1
49	PFDaA	307-55-1	11.74	612.989 > 568.967	3773		0.468	13.29	NO	93.6
50	MPFDOA	INT STD	11.74	614.989 > 569.92	88614		10.380		na	103.8
51	PFTTrDA	72629-94-8	12.16	663.053 > 618.969	2722		0.450	10.92	NO	90.0
52	PFTA	376-06-7	12.51	713.053 > 668.976	2396		0.503	8.65	NO	100.6
53	M2PFTEDA	INT STD	12.51	715.053 > 669.945	56307		9.906		na	99.1

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Method: C:\MassLynx\Data\2019\190411_537ISO.PRO\MethDB\537ISO_Q_190215_RT.mdb 10 Apr 2019 16:27:50

Calibration: C:\MassLynx\Data\2019\190411_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 08:45:17

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBA

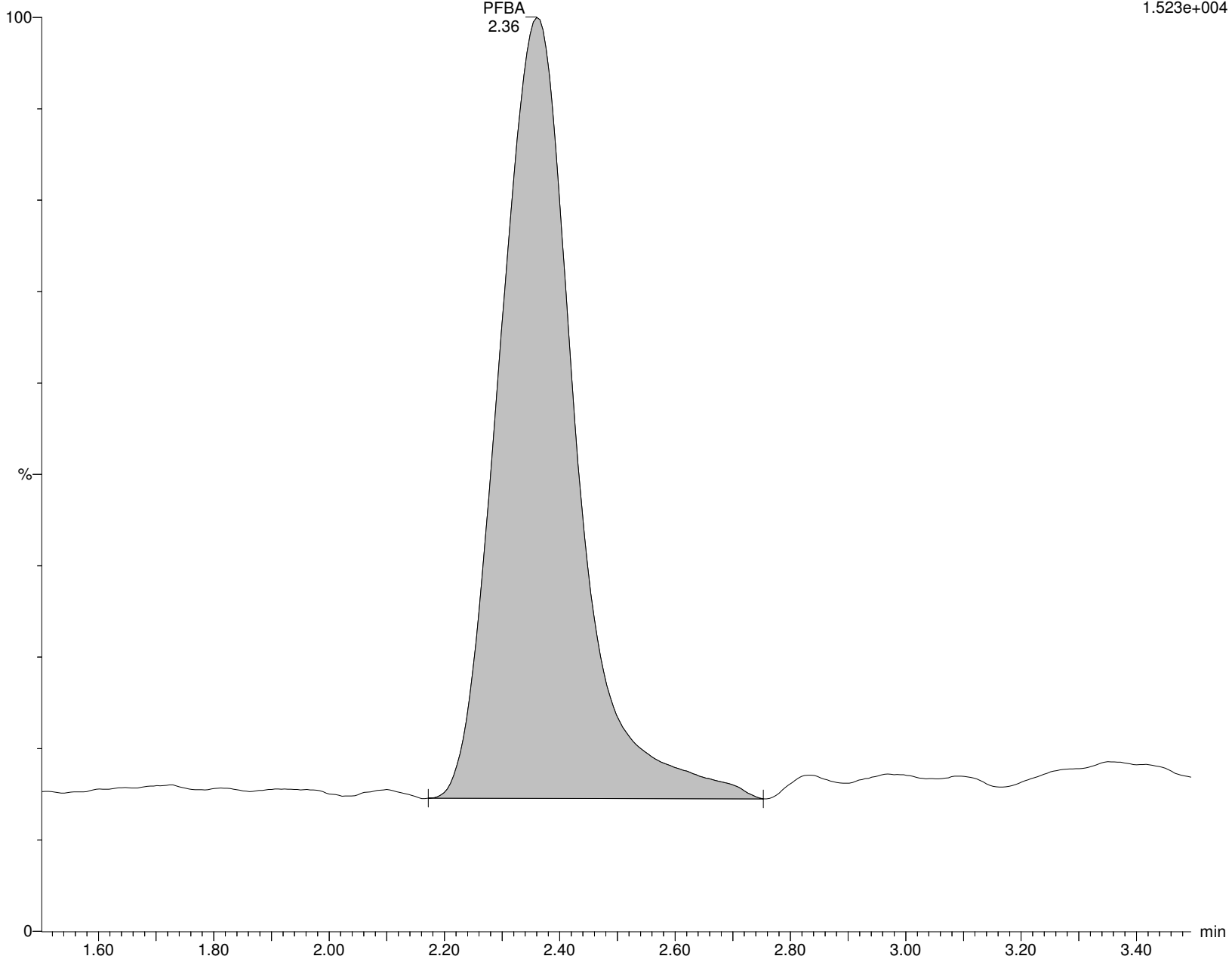
I3797 Smooth(Mn,2x5)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F1:MRM of 1 channel,ES-

212.926 > 169.111

1.523e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBA

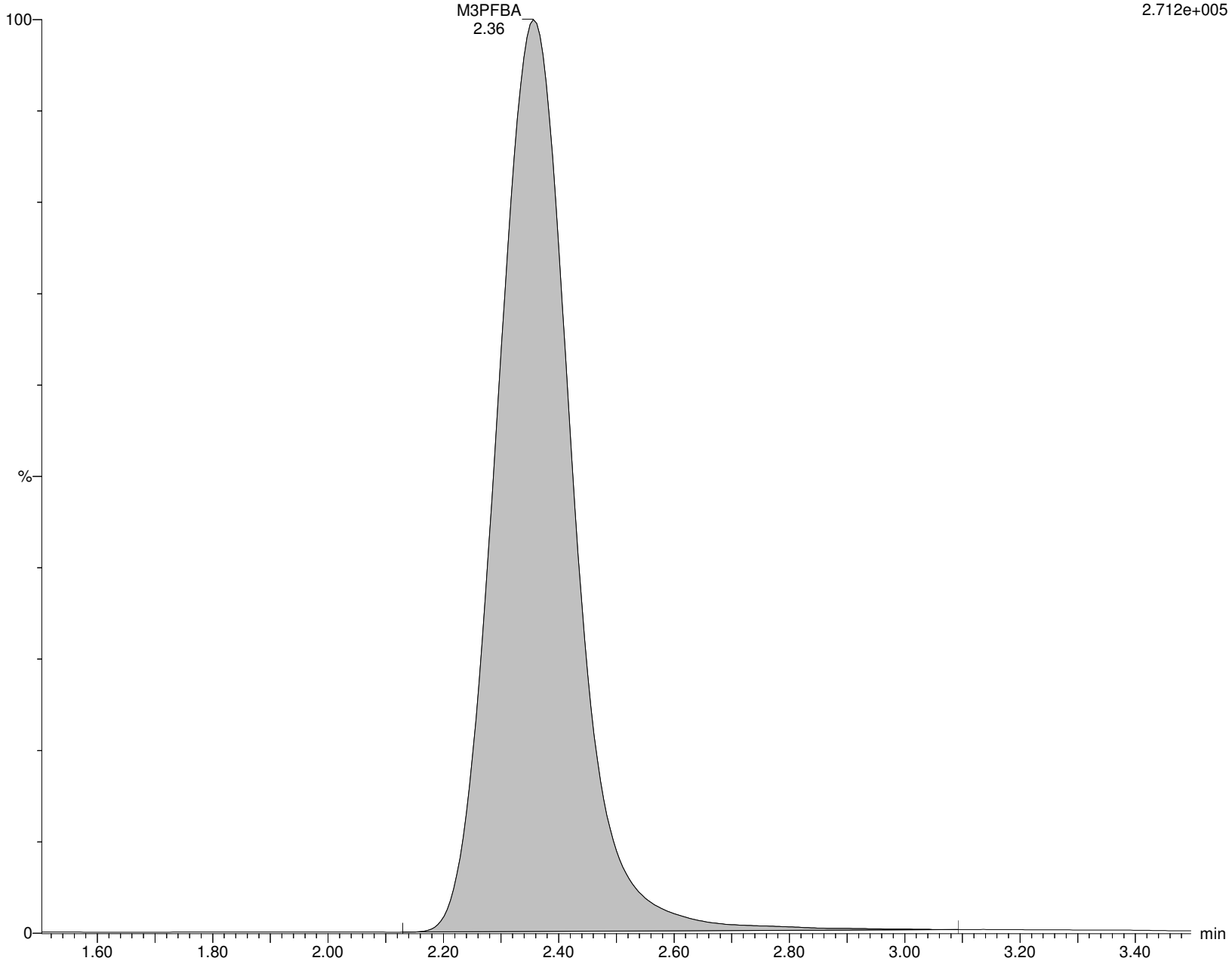
I3797 Smooth(Mn,2x6)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F2:MRM of 1 channel,ES-

215.926 > 172.122

2.712e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360, WG1224866, ICAL15513, 537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFBA

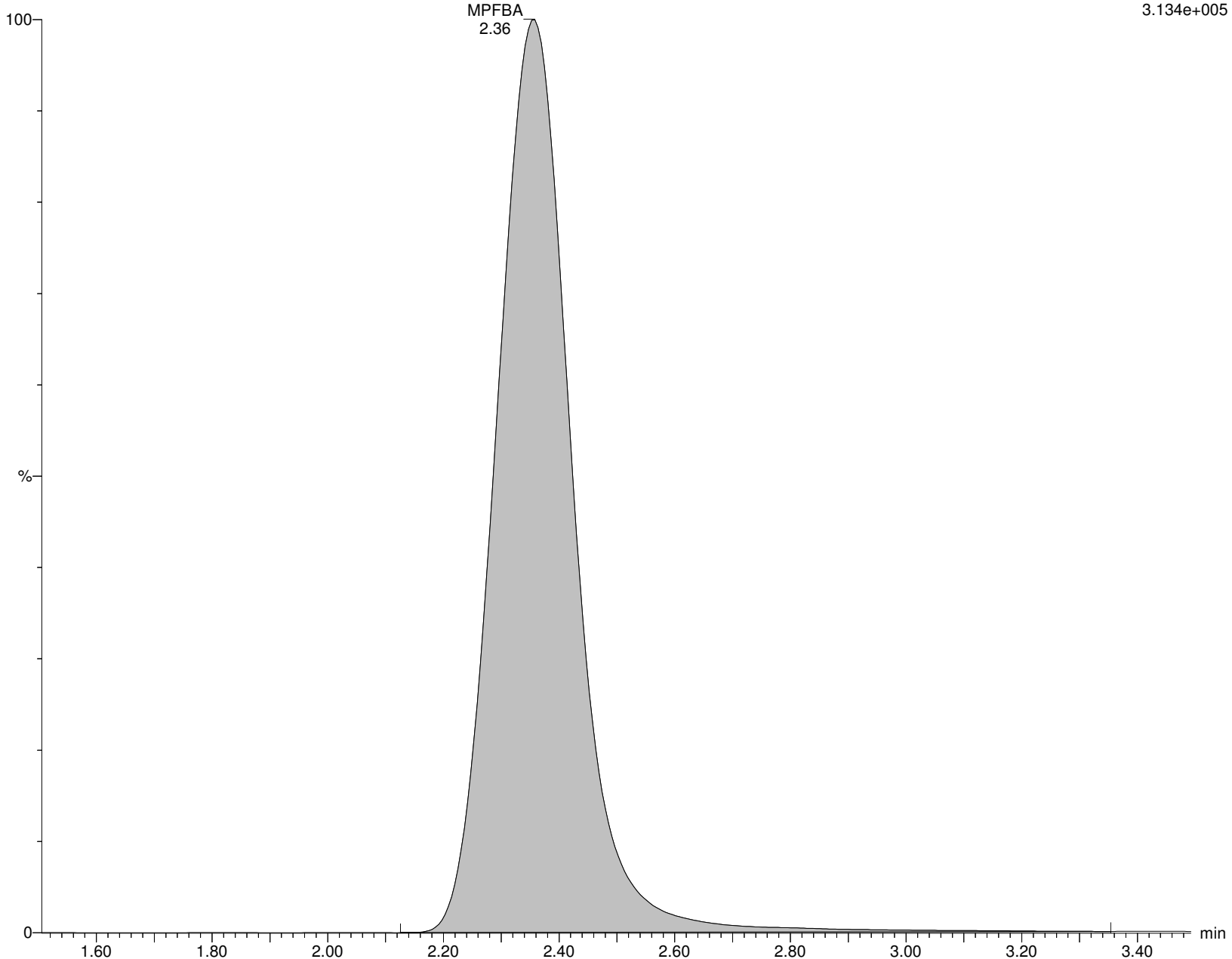
I3797 Smooth(Mn,2x6)

WG1225360, WG1224866, ICAL15513, 537ILOW WG1225360-3,537ILOW

F3:MRM of 1 channel, ES-

216.926 > 172.137

3.134e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeA

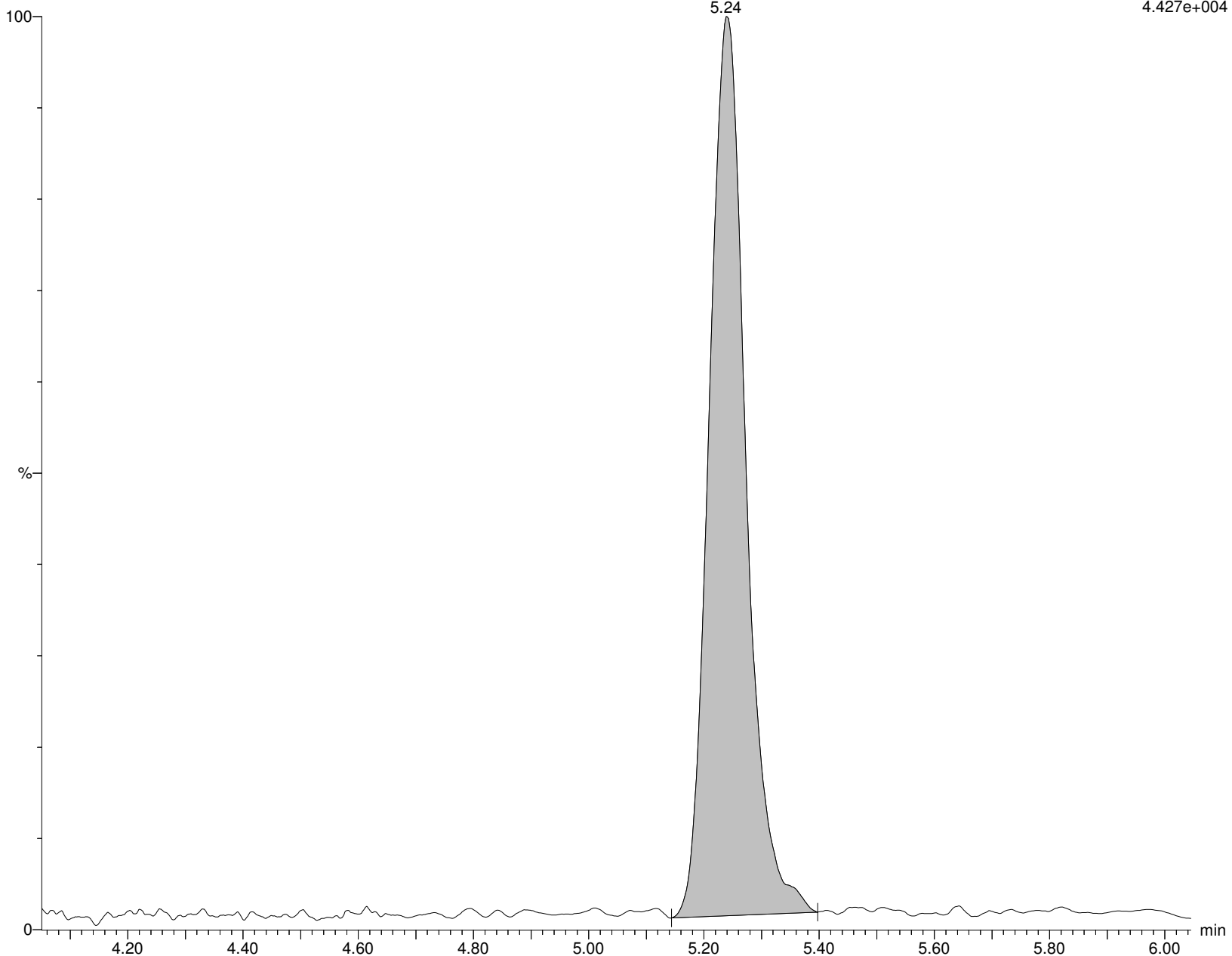
I3797 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F4:MRM of 2 channels,ES-

262.926 > 219.002

4.427e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFPEA

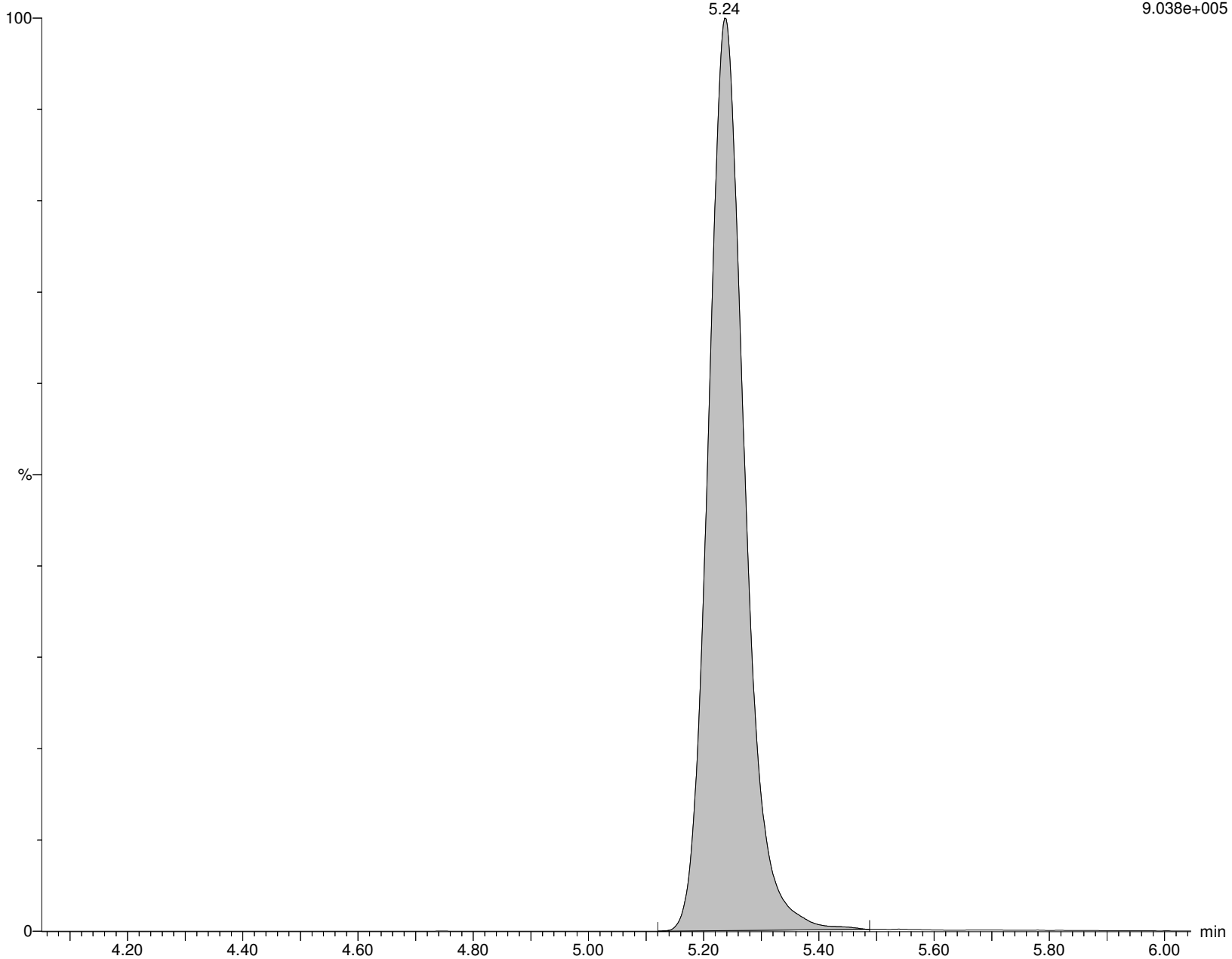
I3797 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F5:MRM of 1 channel,ES-

267.989 > 223.081

9.038e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBS

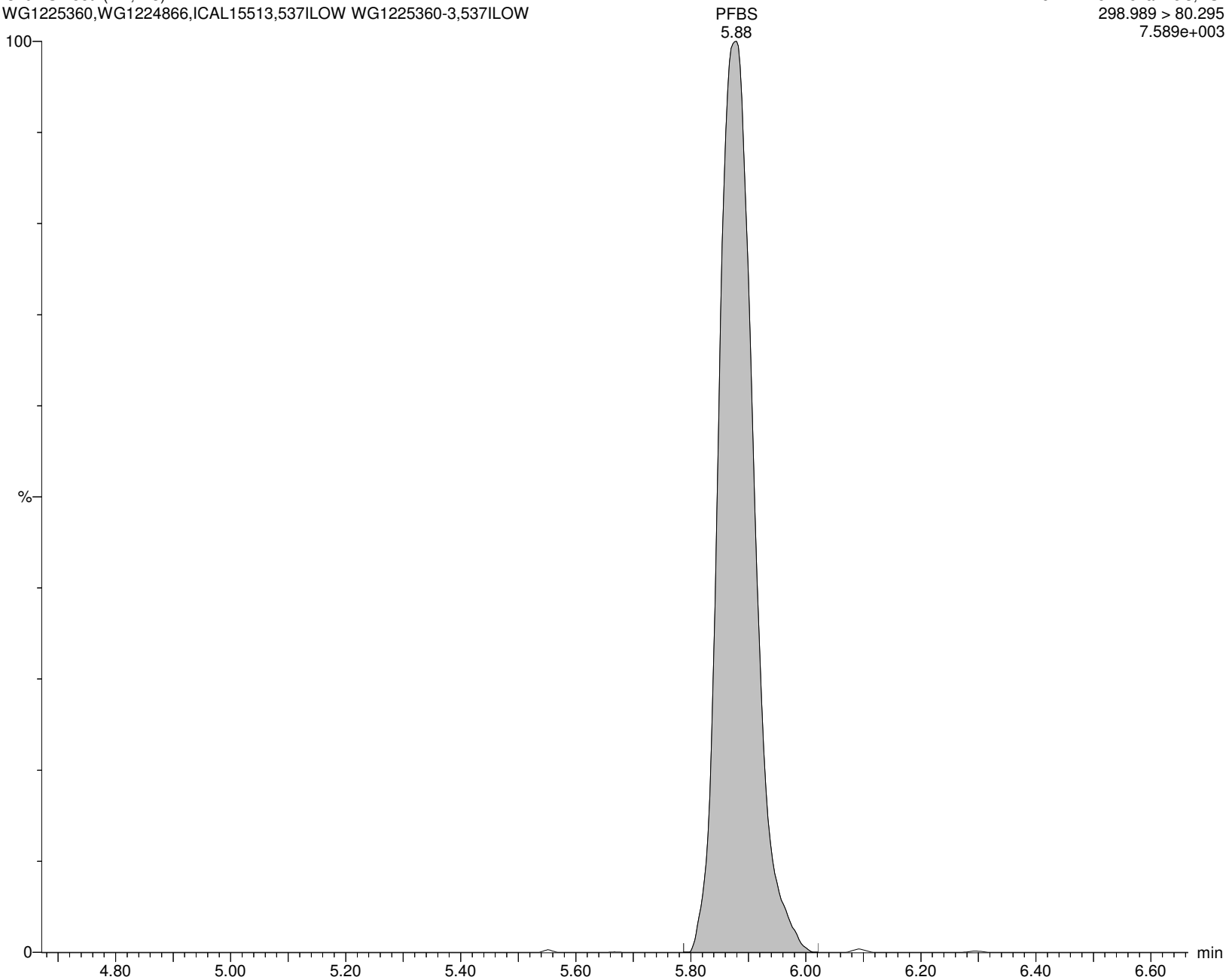
I3797 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F6:MRM of 2 channels,ES-

298.989 > 80.295

7.589e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBS

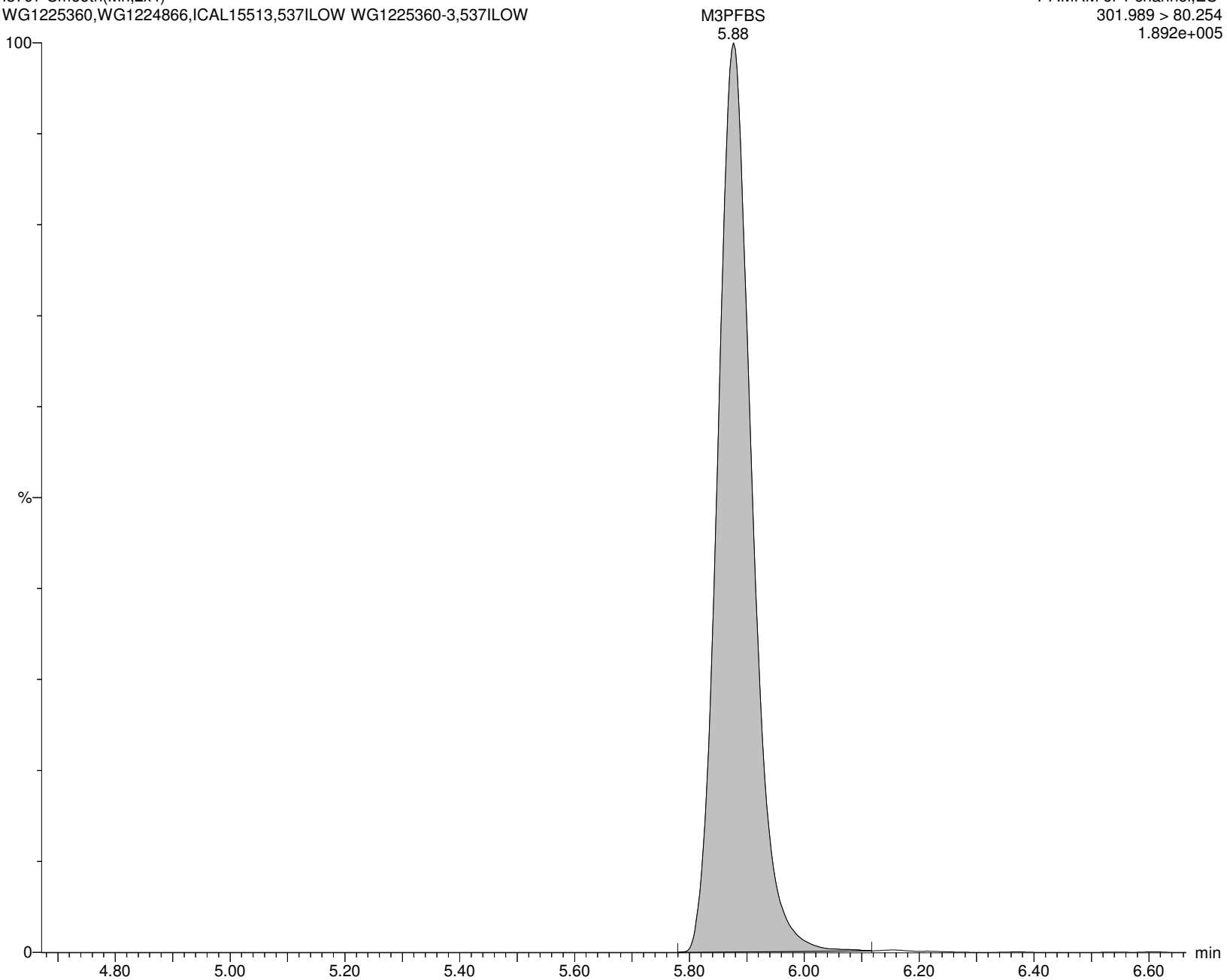
I3797 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F7:MRM of 1 channel,ES-

301.989 > 80.254

1.892e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

4:2FTS

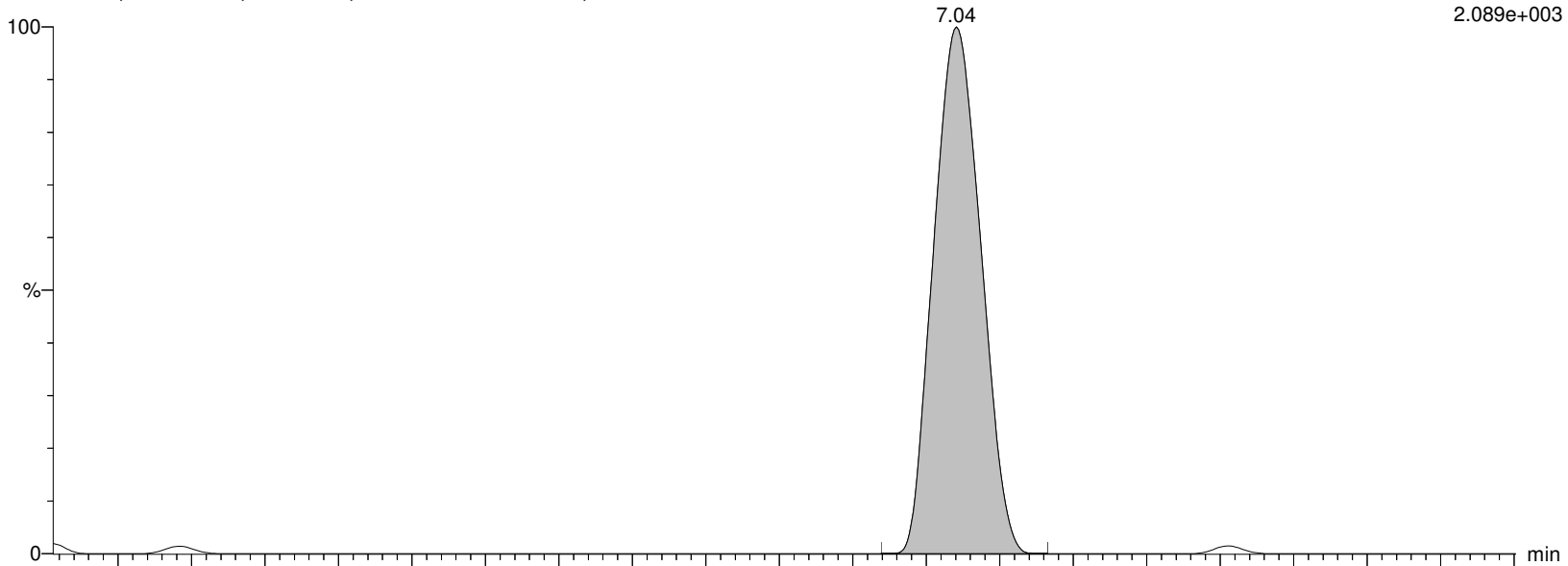
I3797 Smooth(Mn,5x3)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F10:MRM of 2 channels,ES-

326.926 > 306.957

2.089e+003



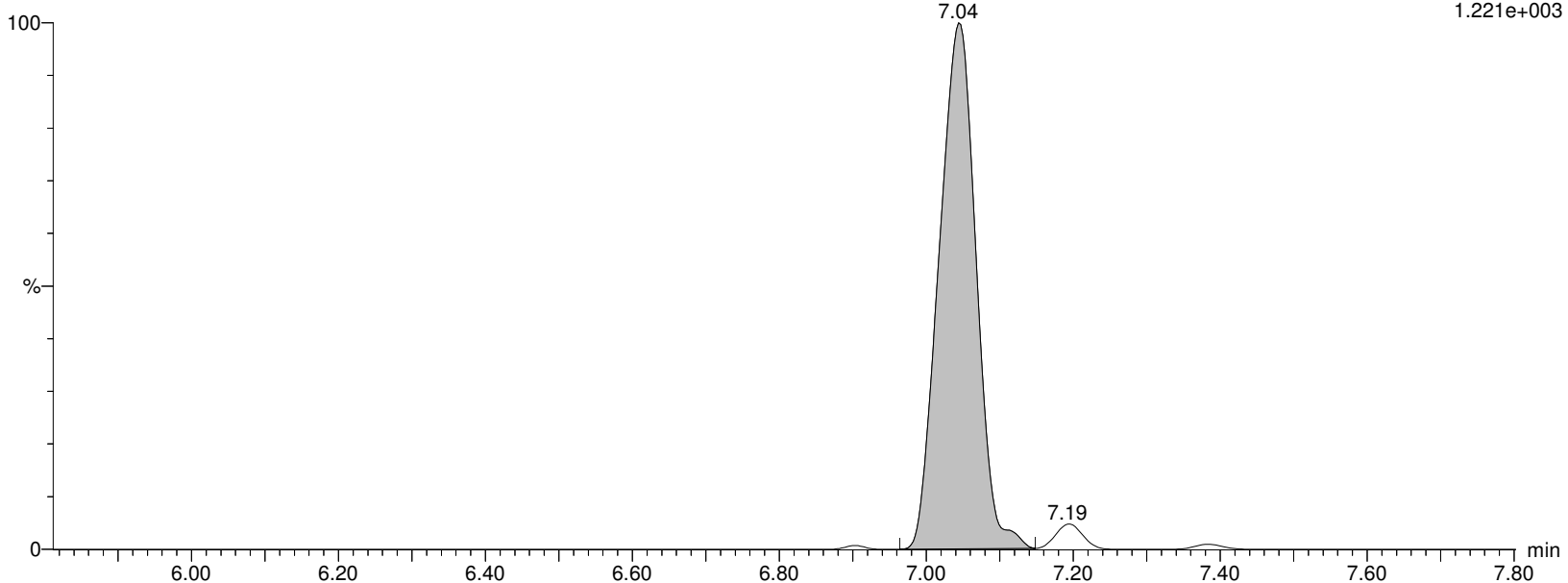
I3797 Smooth(Mn,5x3)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F10:MRM of 2 channels,ES-

326.926 > 81.02

1.221e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-4:2FTS

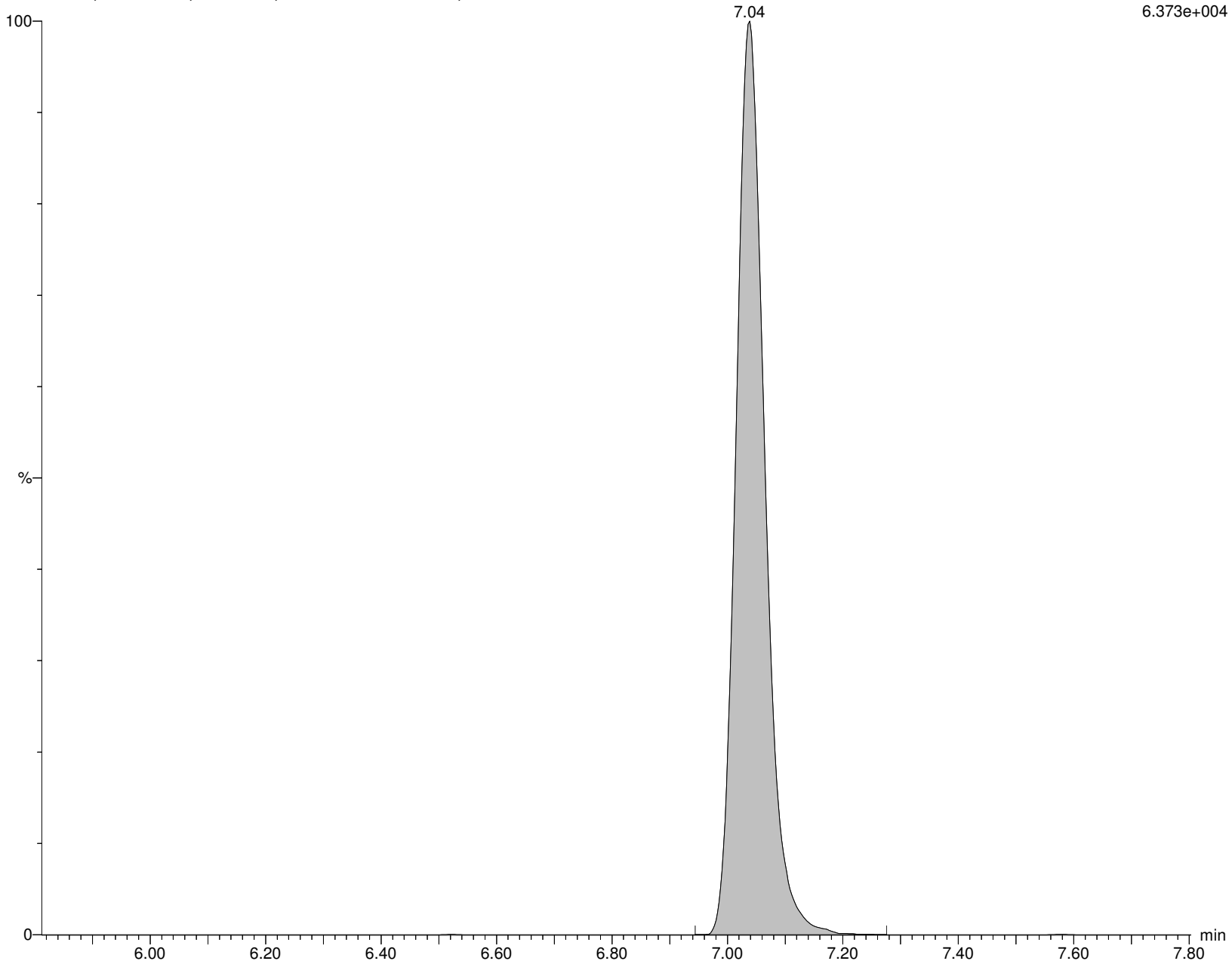
I3797 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F12:MRM of 2 channels,ES-

329.117 > 309.079

6.373e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxA

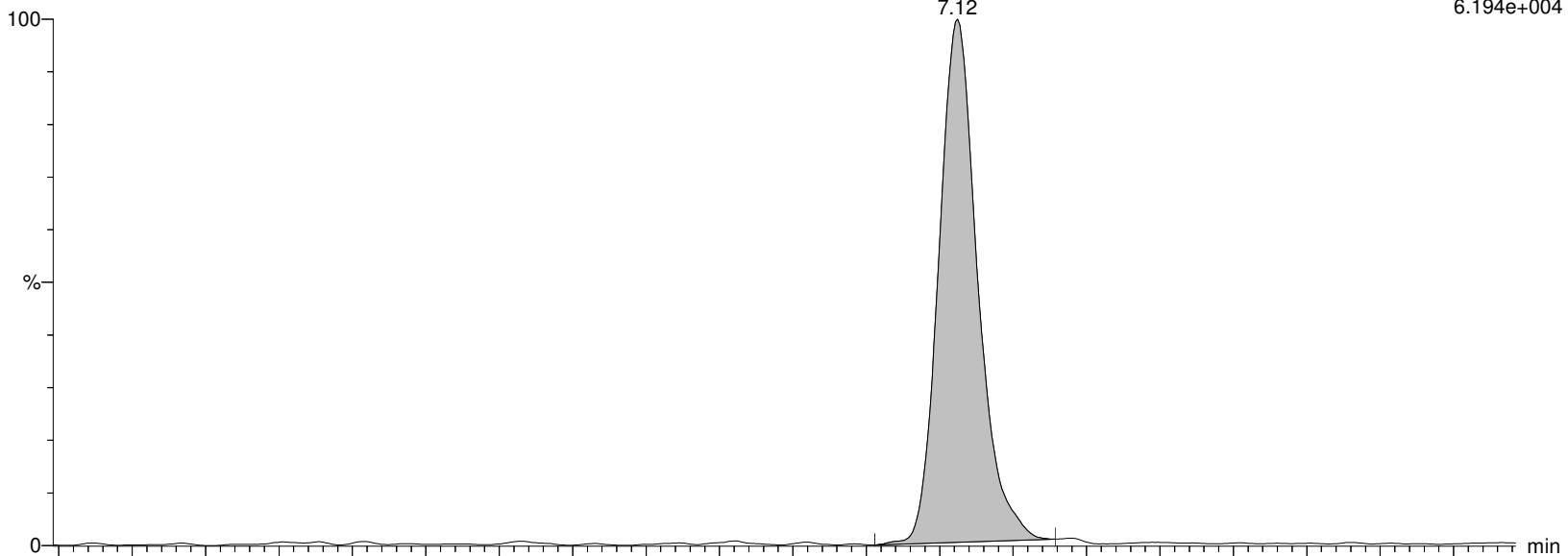
I3797 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F8:MRM of 2 channels,ES-

312.989 > 269.028

6.194e+004



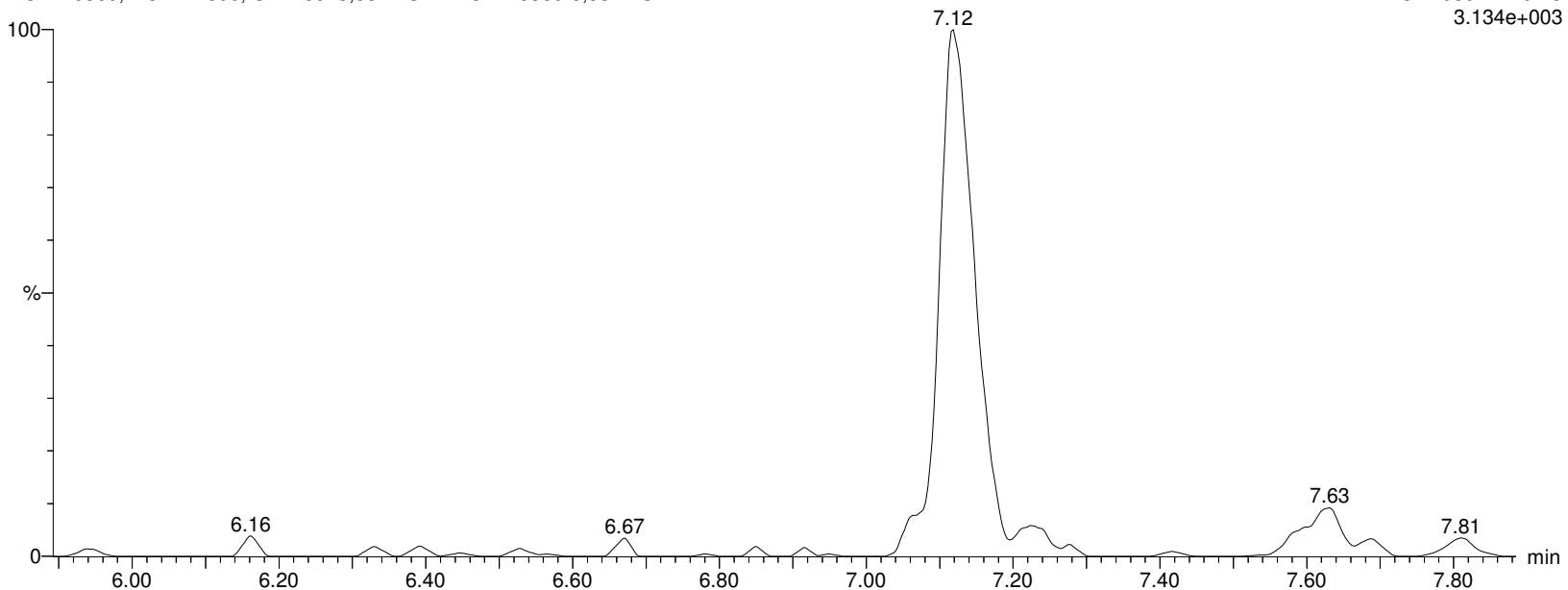
I3797 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F8:MRM of 2 channels,ES-

312.989 > 119.18

3.134e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFHxA

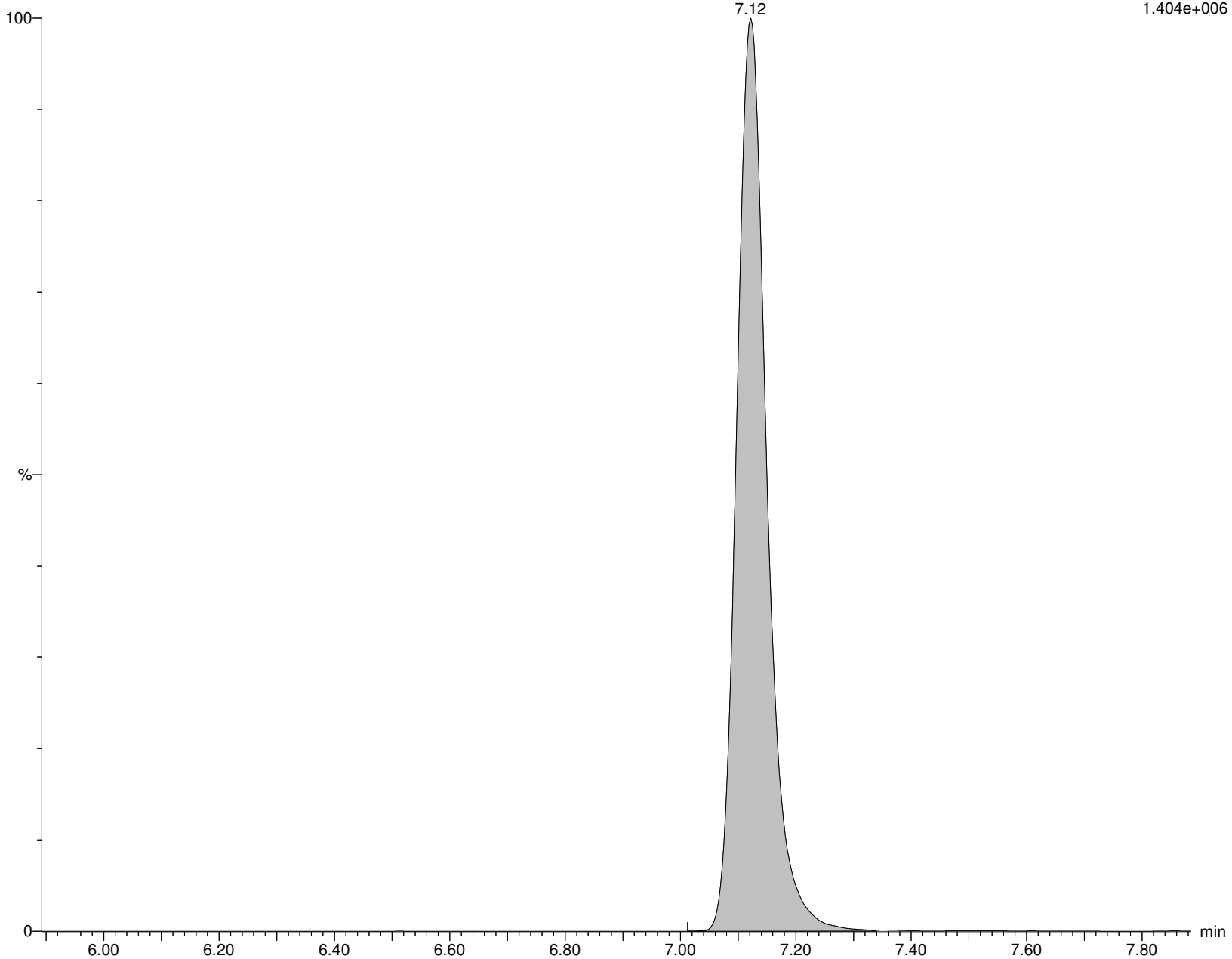
I3797 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F9:MRM of 1 channel,ES-

317.989 > 273.045

1.404e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360, WG1224866, ICAL15513, 537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeS

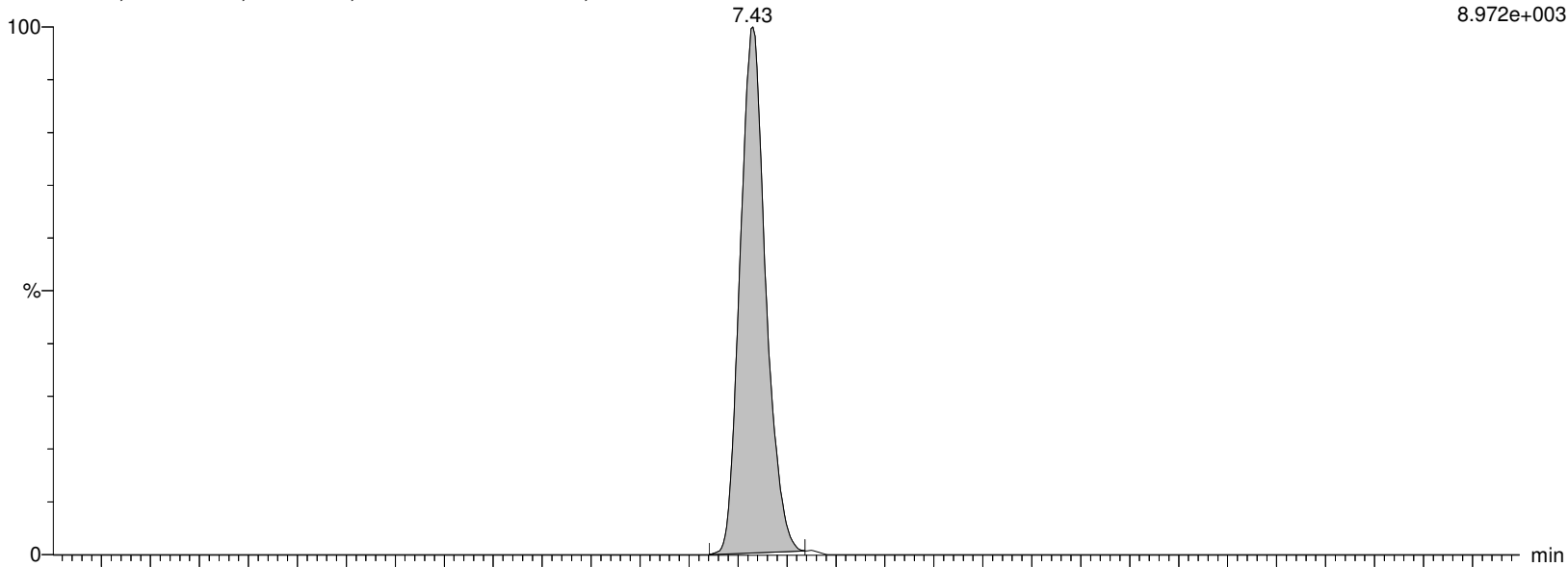
I3797 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513, 537ILOW WG1225360-3,537ILOW

F14:MRM of 2 channels, ES-

348.926 > 80.251

8.972e+003



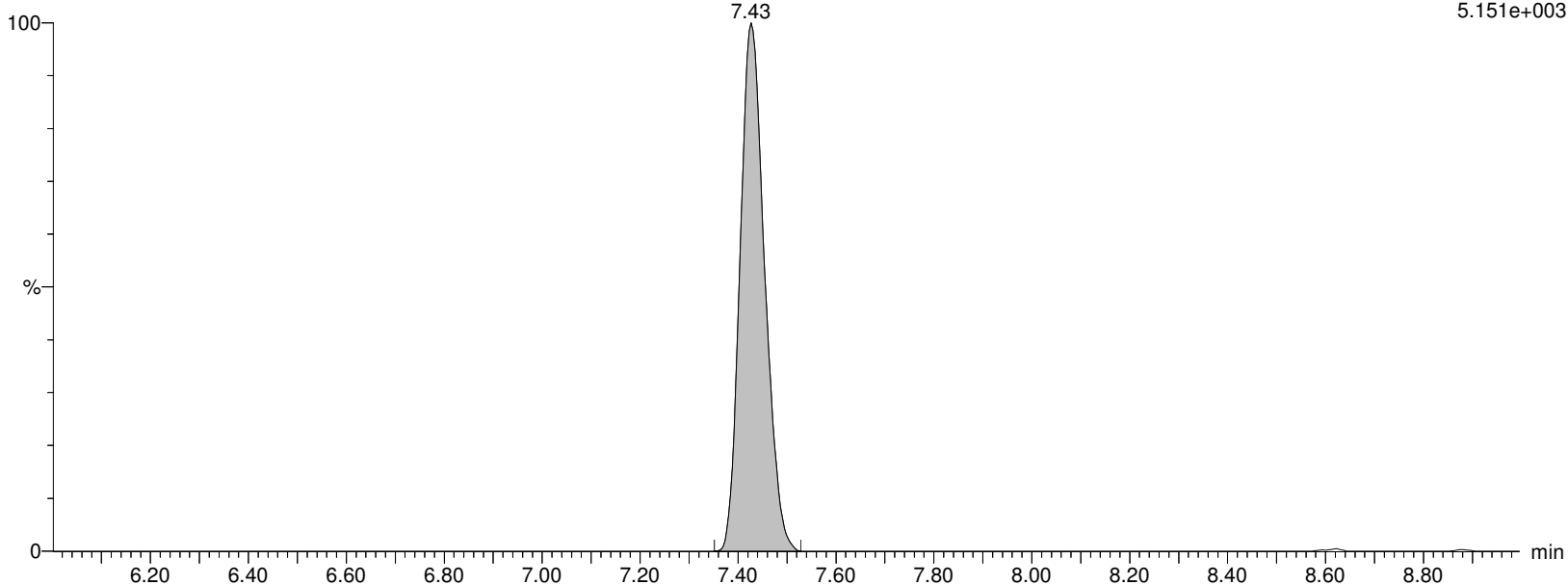
I3797 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513, 537ILOW WG1225360-3,537ILOW

F14:MRM of 2 channels, ES-

348.926 > 99.16

5.151e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpA

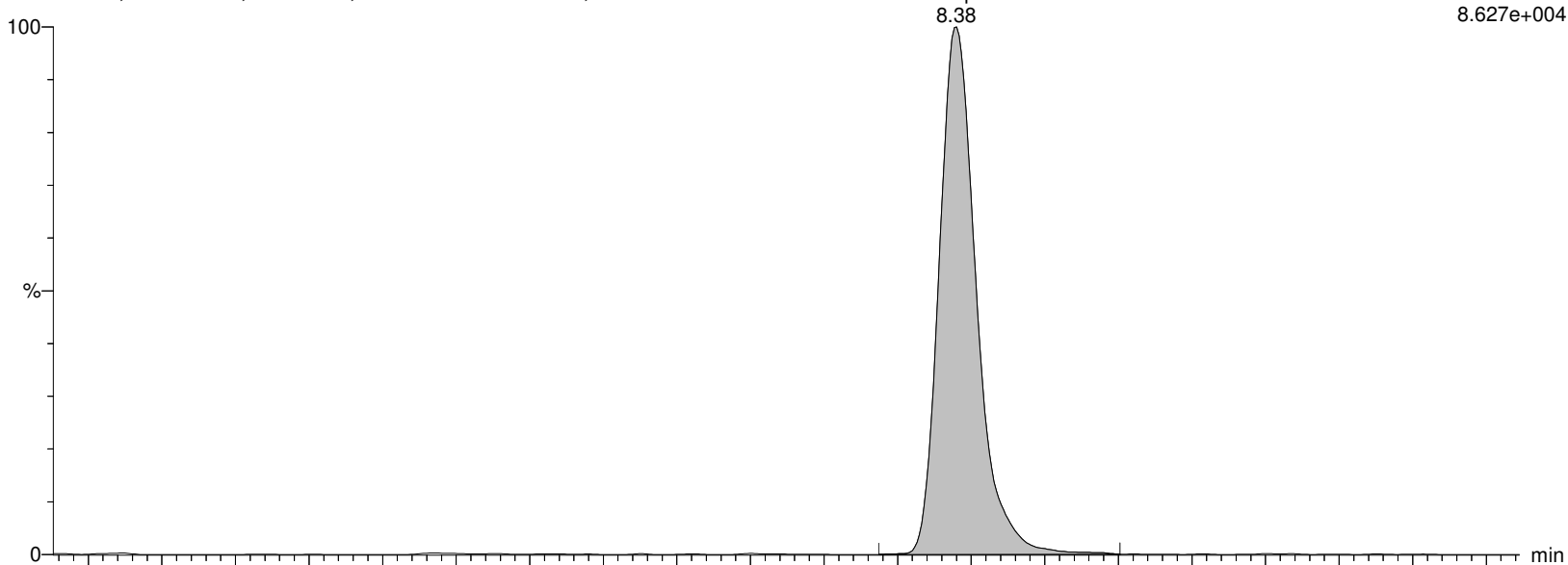
I3797 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F15:MRM of 2 channels,ES-

362.926 > 319.014

8.627e+004



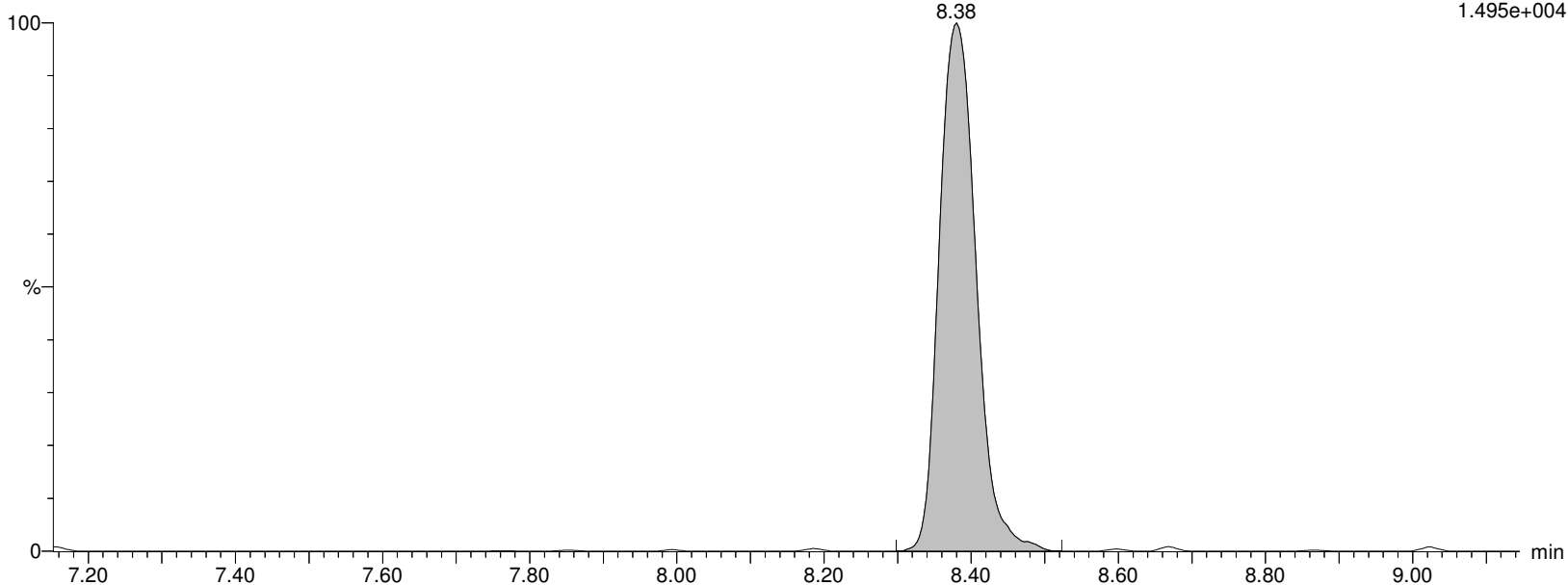
I3797 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F15:MRM of 2 channels,ES-

362.926 > 169.12

1.495e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFHpA

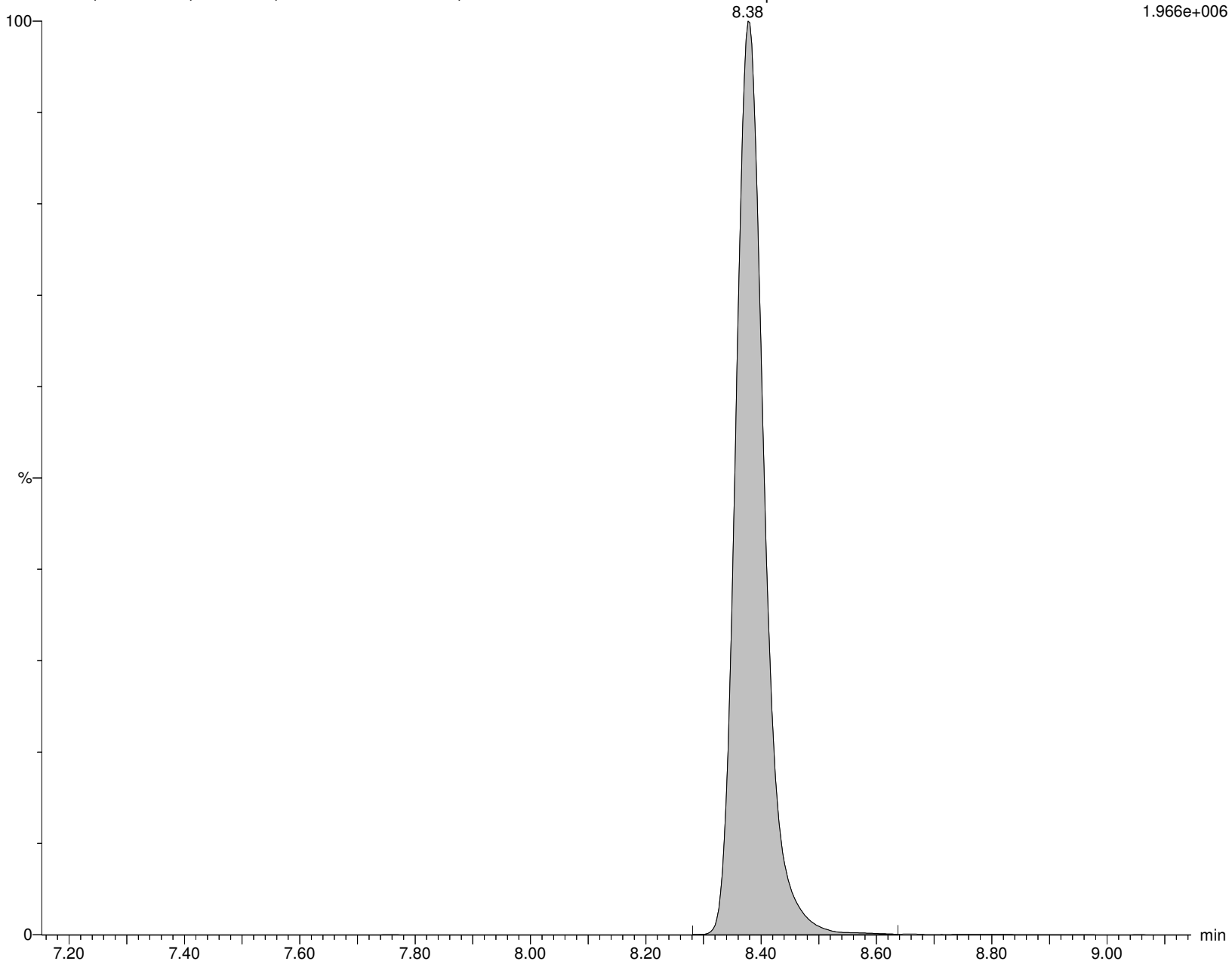
I3797 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F16:MRM of 1 channel,ES-

366.926 > 321.979

1.966e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFHxS

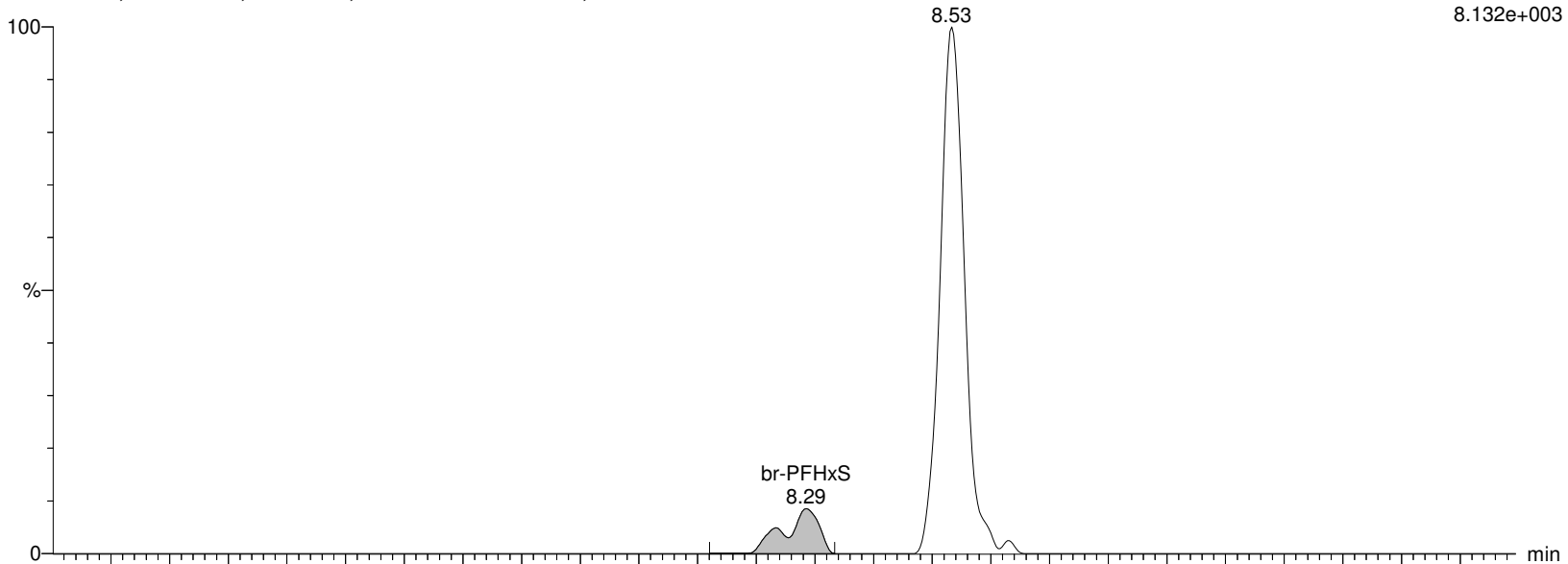
I3797 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F18:MRM of 2 channels,ES-

398.926 > 80.295

8.132e+003



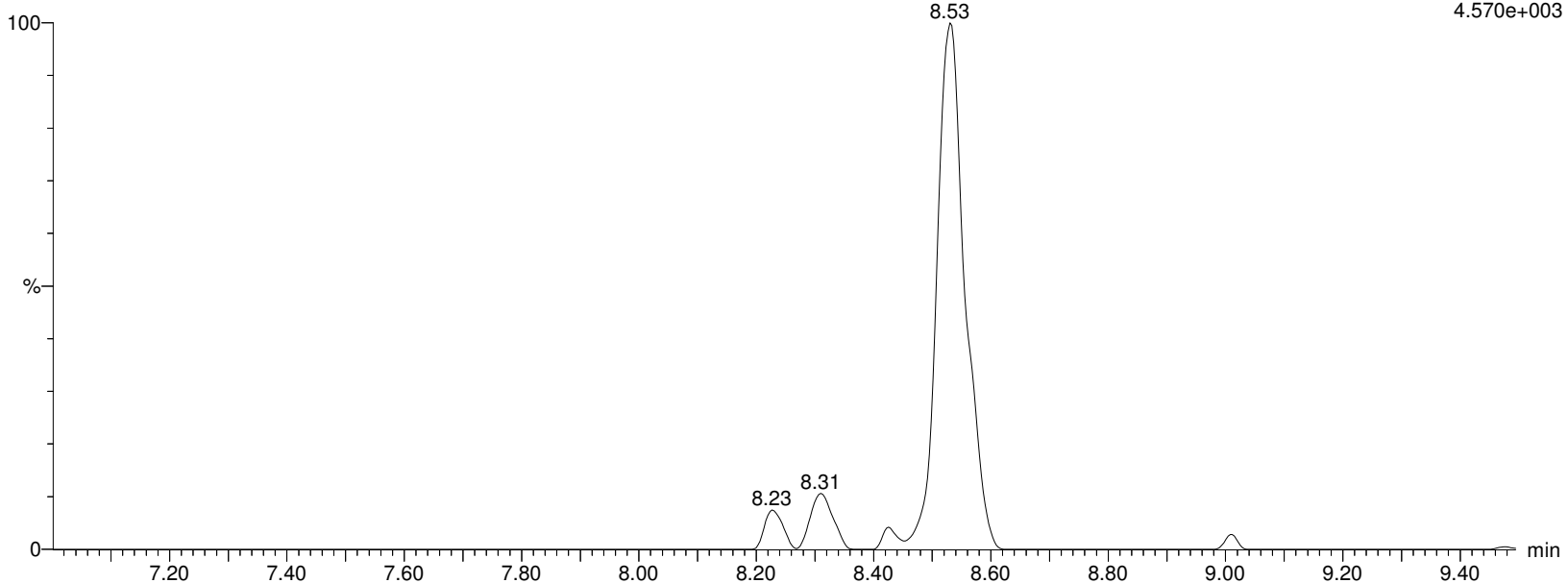
I3797 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F18:MRM of 2 channels,ES-

398.926 > 99.2

4.570e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360, WG1224866, ICAL15513, 537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFHxS

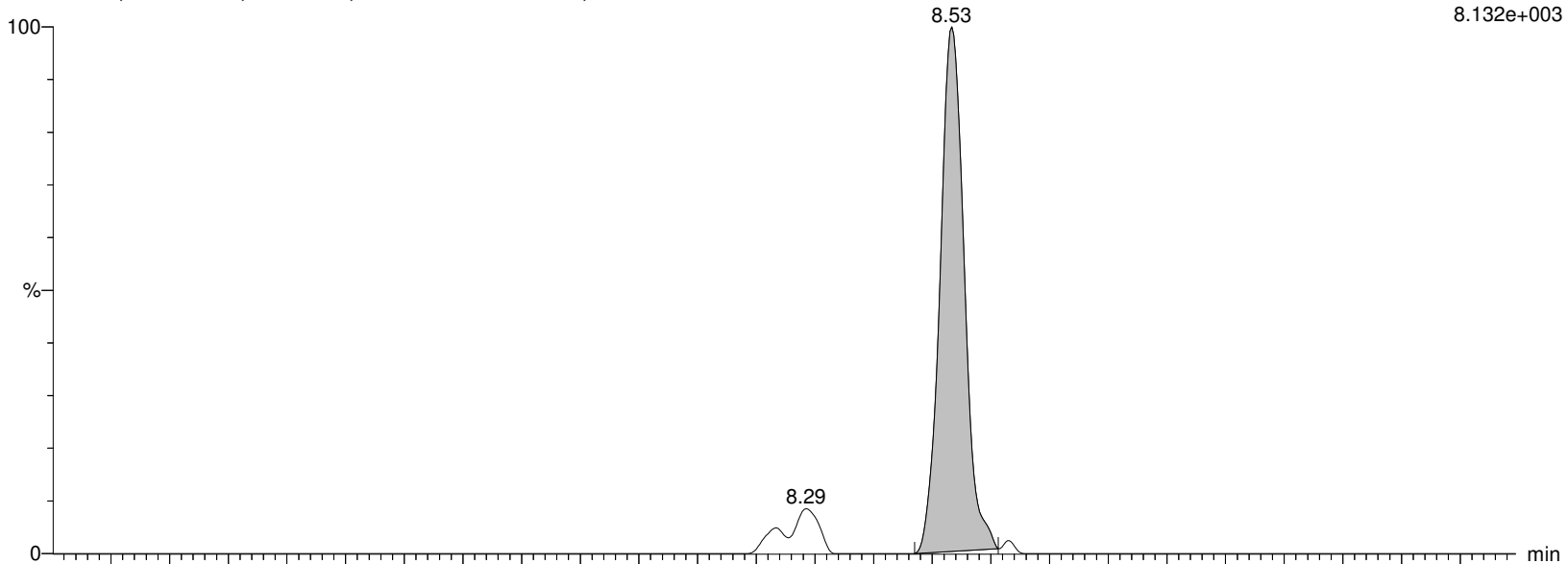
I3797 Smooth(Mn,3x2)

WG1225360, WG1224866, ICAL15513, 537ILOW WG1225360-3,537ILOW

F18:MRM of 2 channels, ES-

398.926 > 80.295

8.132e+003



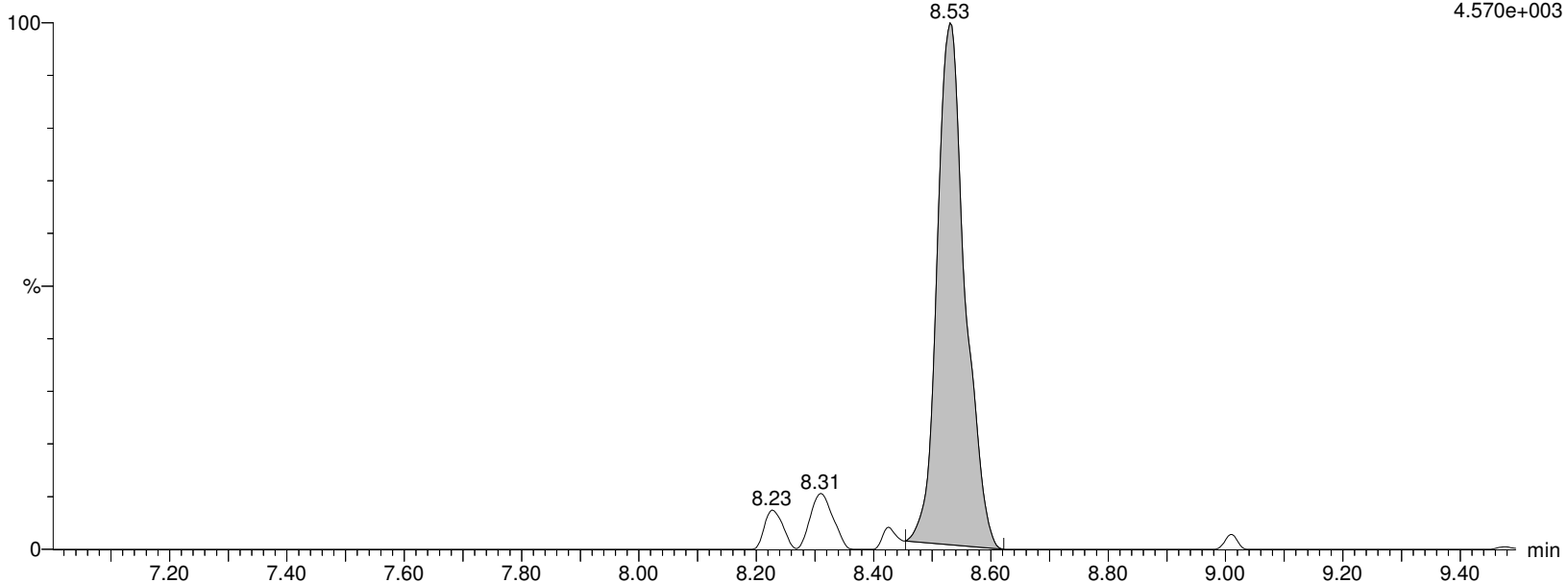
I3797 Smooth(Mn,3x2)

WG1225360, WG1224866, ICAL15513, 537ILOW WG1225360-3,537ILOW

F18:MRM of 2 channels, ES-

398.926 > 99.2

4.570e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxS

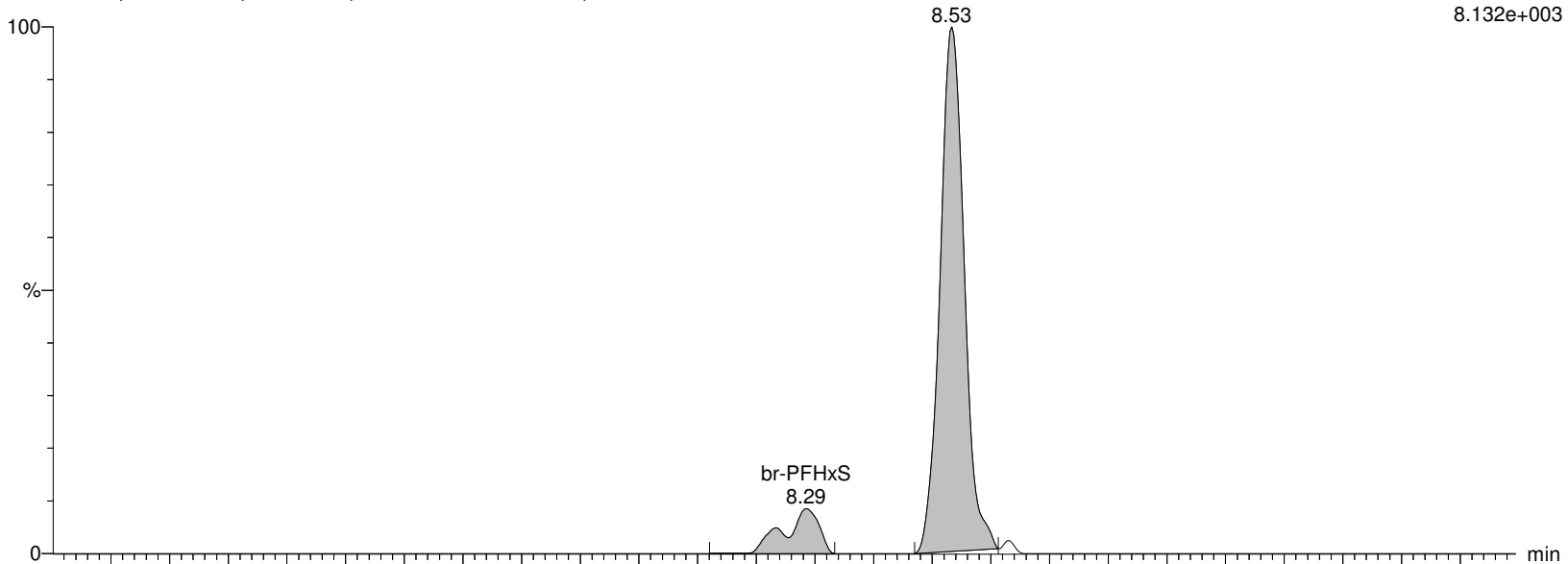
I3797 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F18:MRM of 2 channels,ES-

398.926 > 80.295

8.132e+003



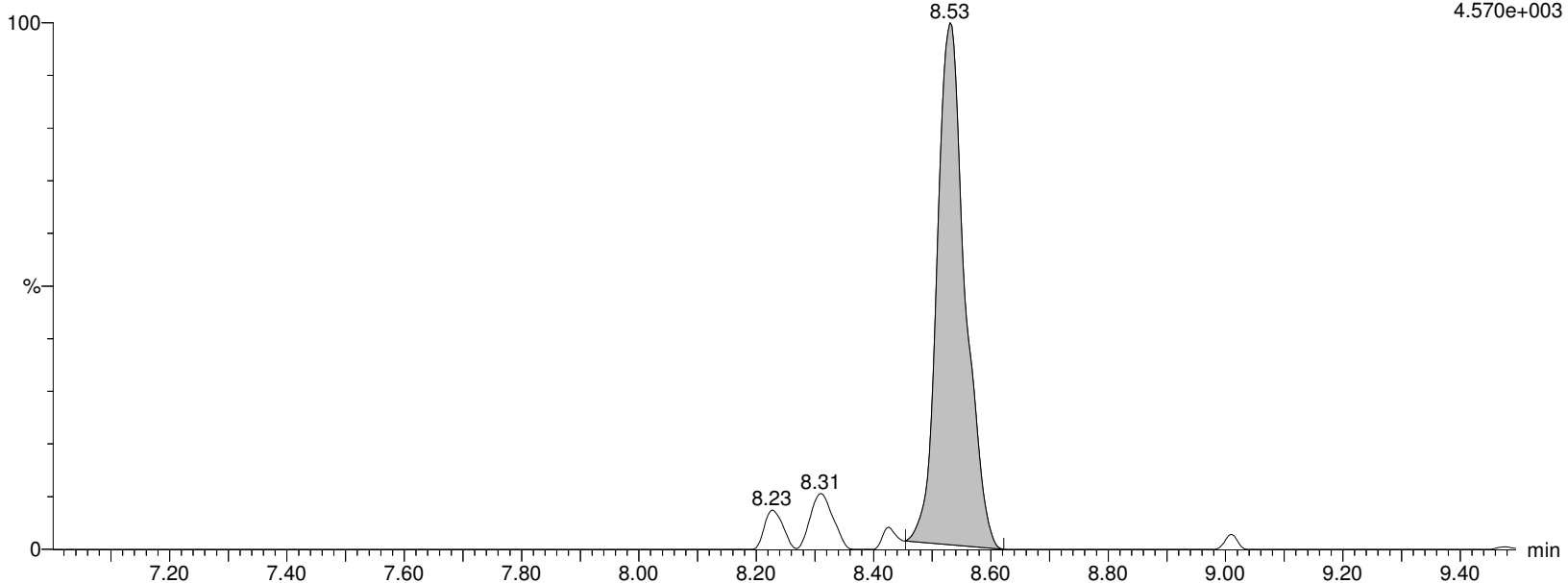
I3797 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F18:MRM of 2 channels,ES-

398.926 > 99.2

4.570e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFHxS

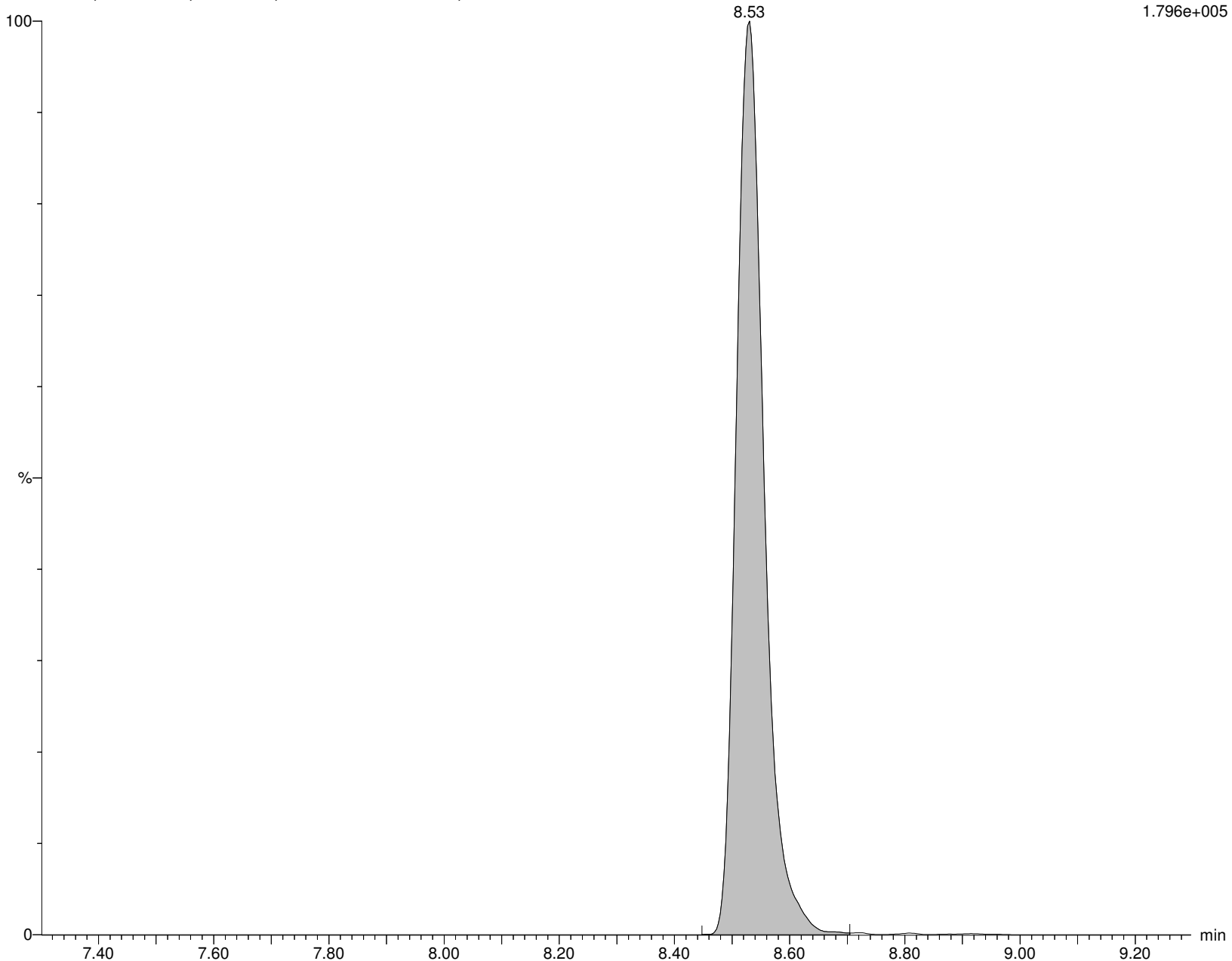
I3797 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F19:MRM of 1 channel,ES-

401.926 > 80.317

1.796e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOA

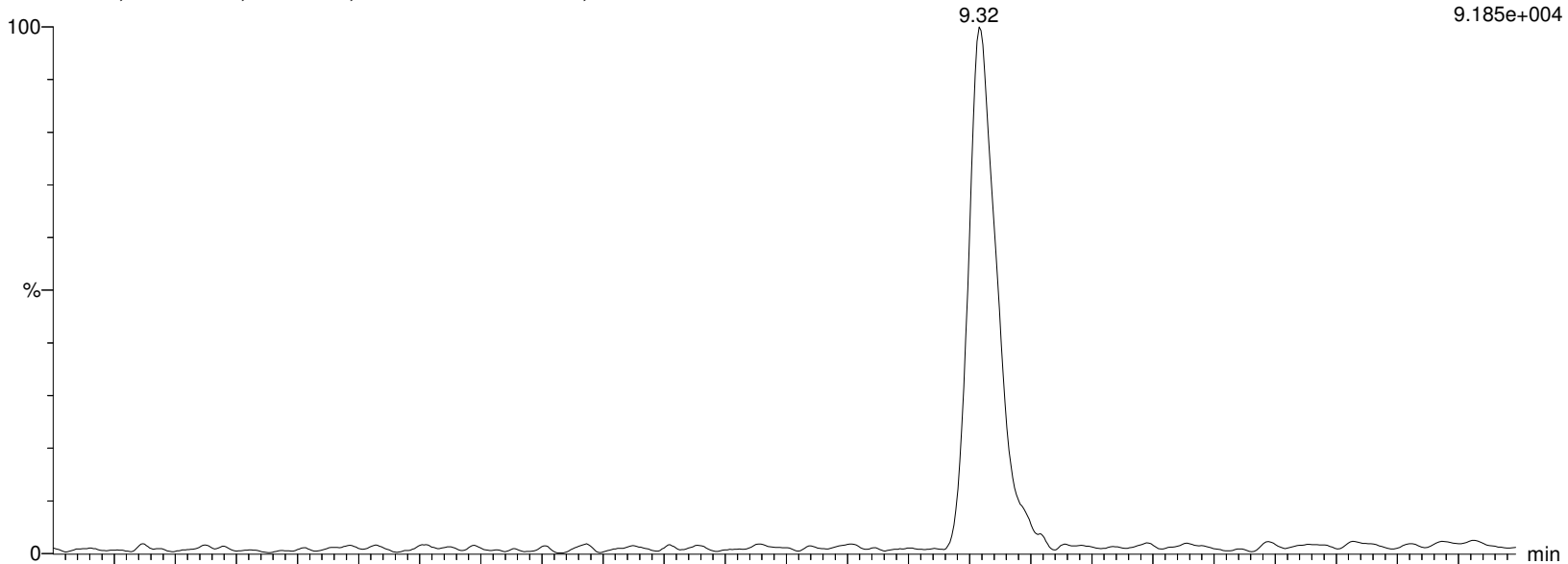
I3797 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F20:MRM of 2 channels,ES-

412.989 > 368.9

9.185e+004



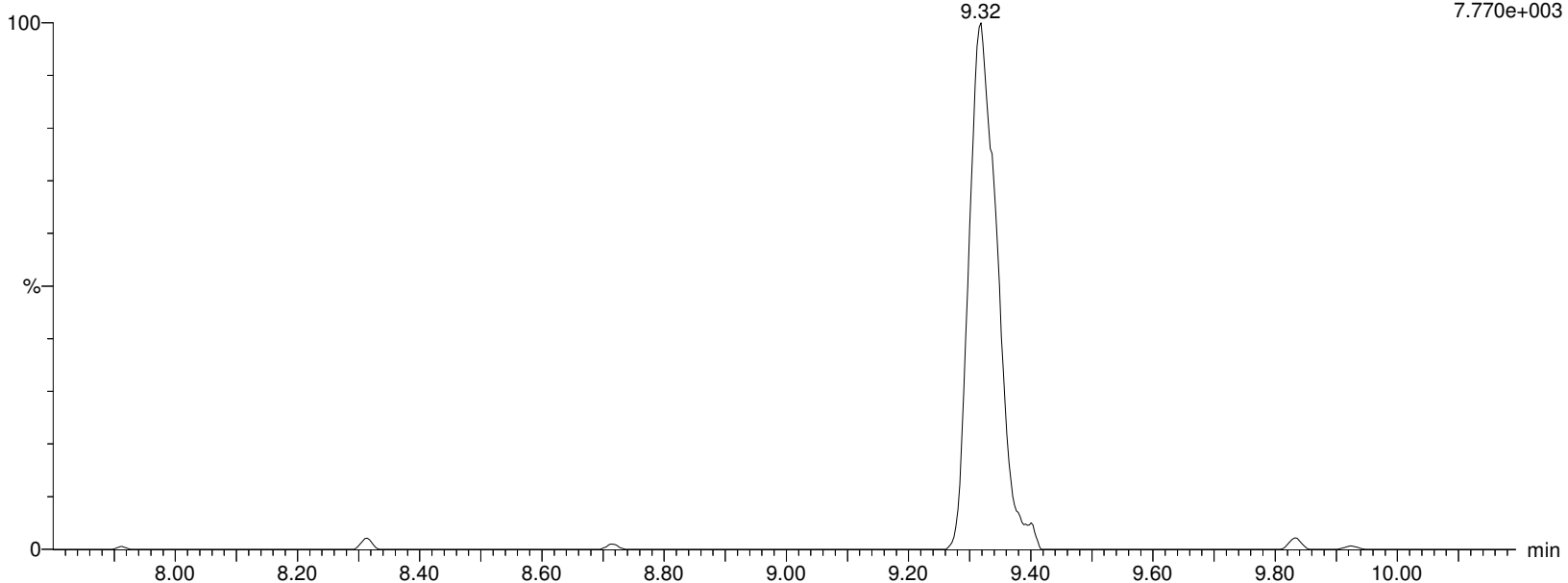
I3797 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F20:MRM of 2 channels,ES-

412.989 > 219.08

7.770e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOA

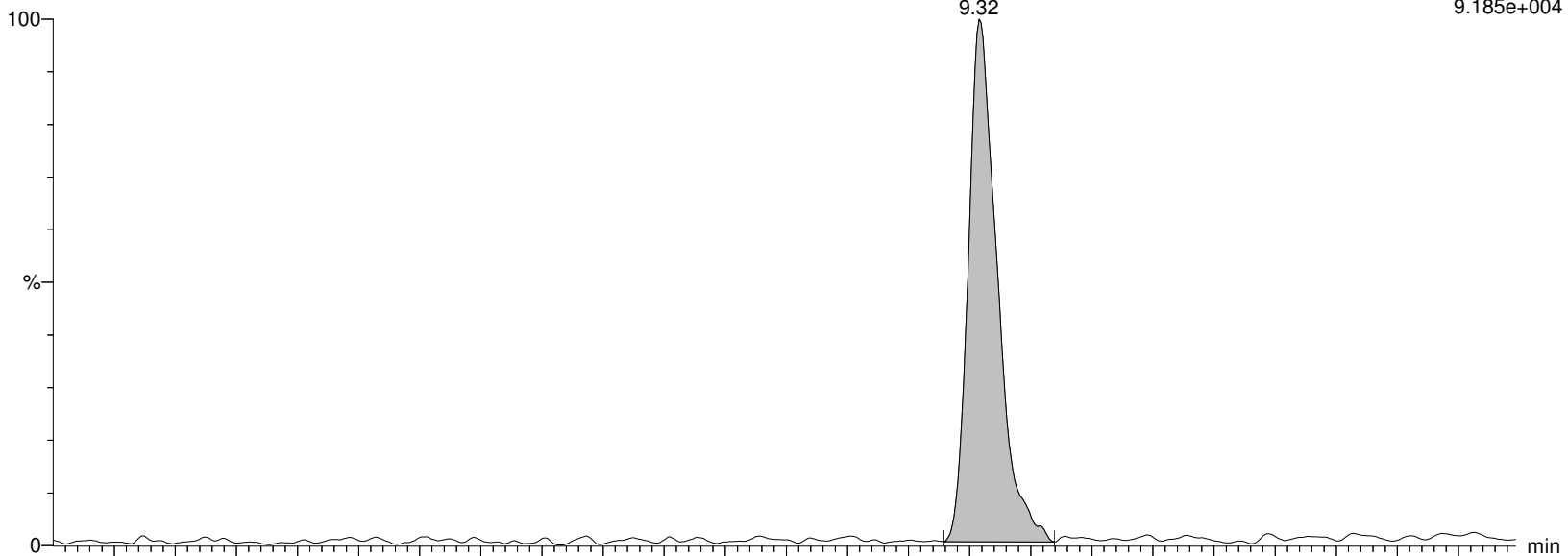
I3797 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F20:MRM of 2 channels,ES-

412.989 > 368.9

9.185e+004



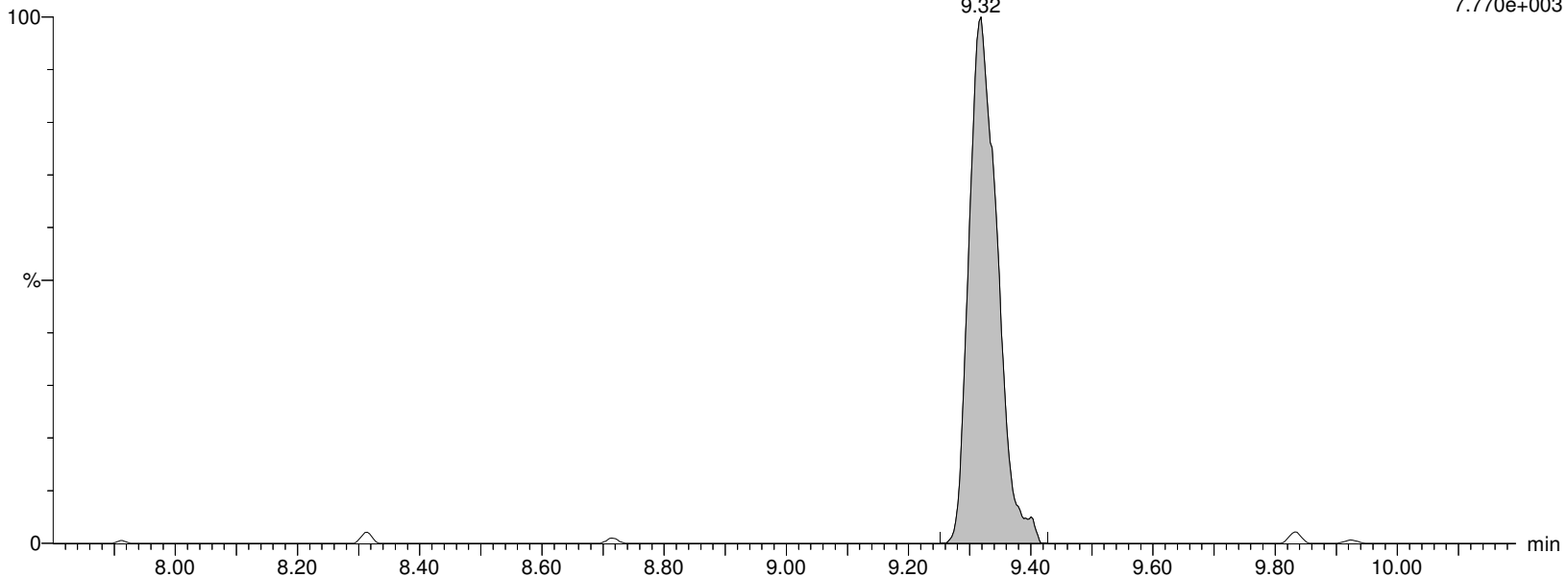
I3797 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F20:MRM of 2 channels,ES-

412.989 > 219.08

7.770e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFOA

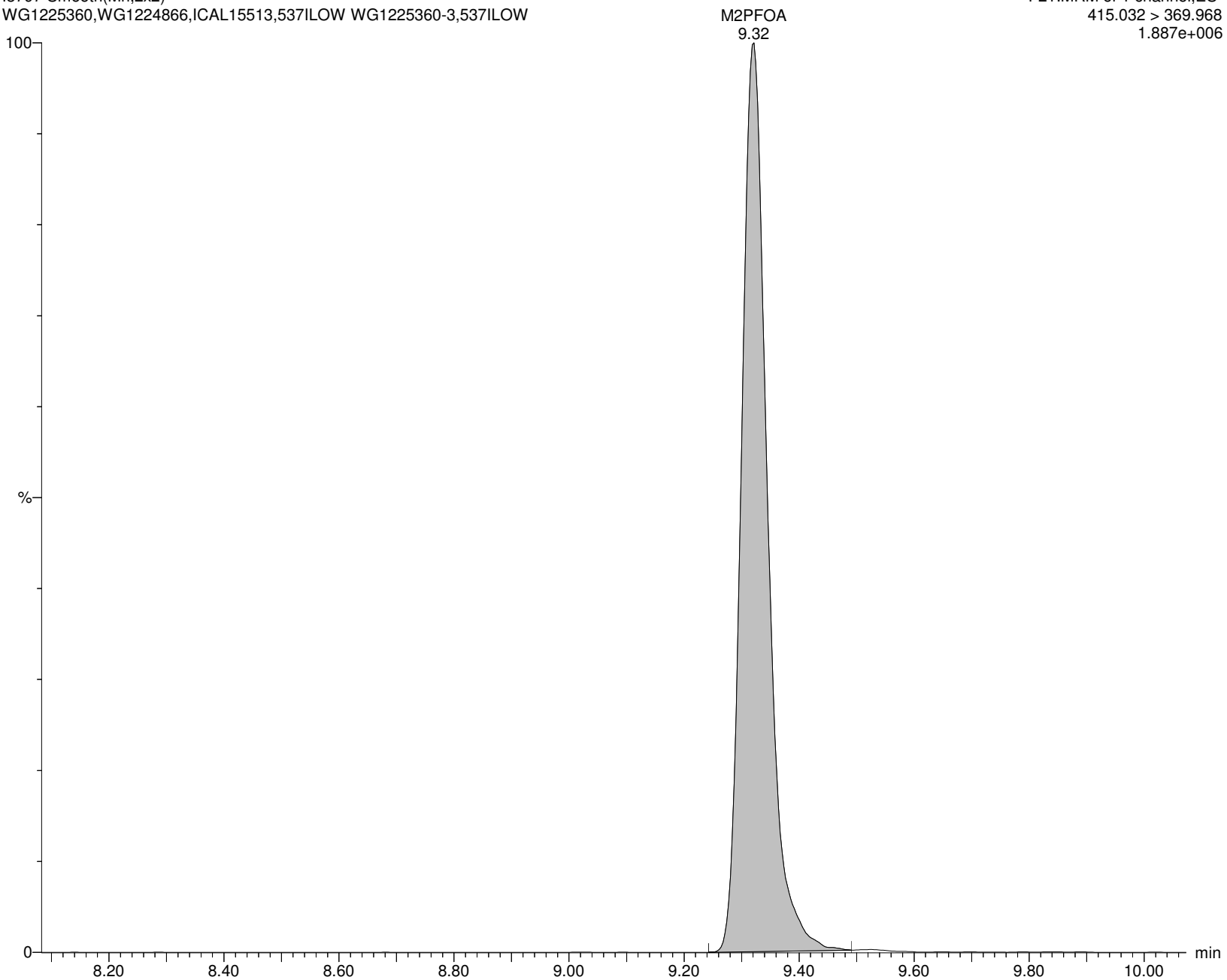
I3797 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F21:MRM of 1 channel,ES-

415.032 > 369.968

1.887e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOA

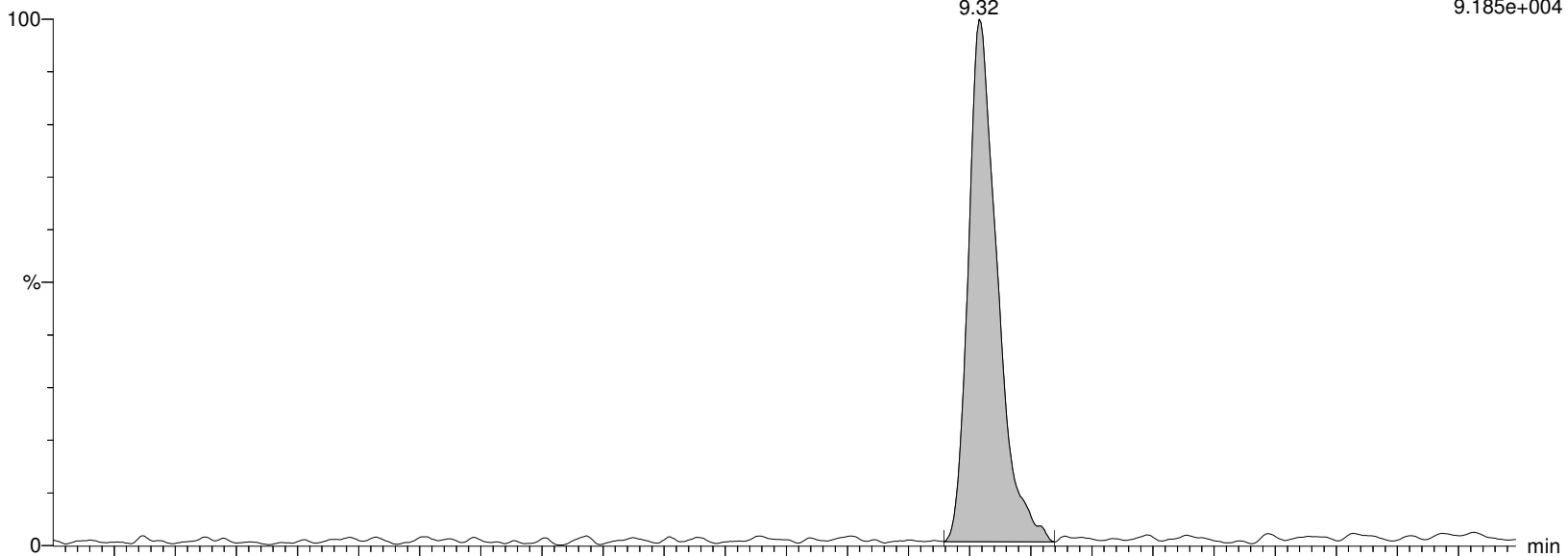
I3797 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F20:MRM of 2 channels,ES-

412.989 > 368.9

9.185e+004



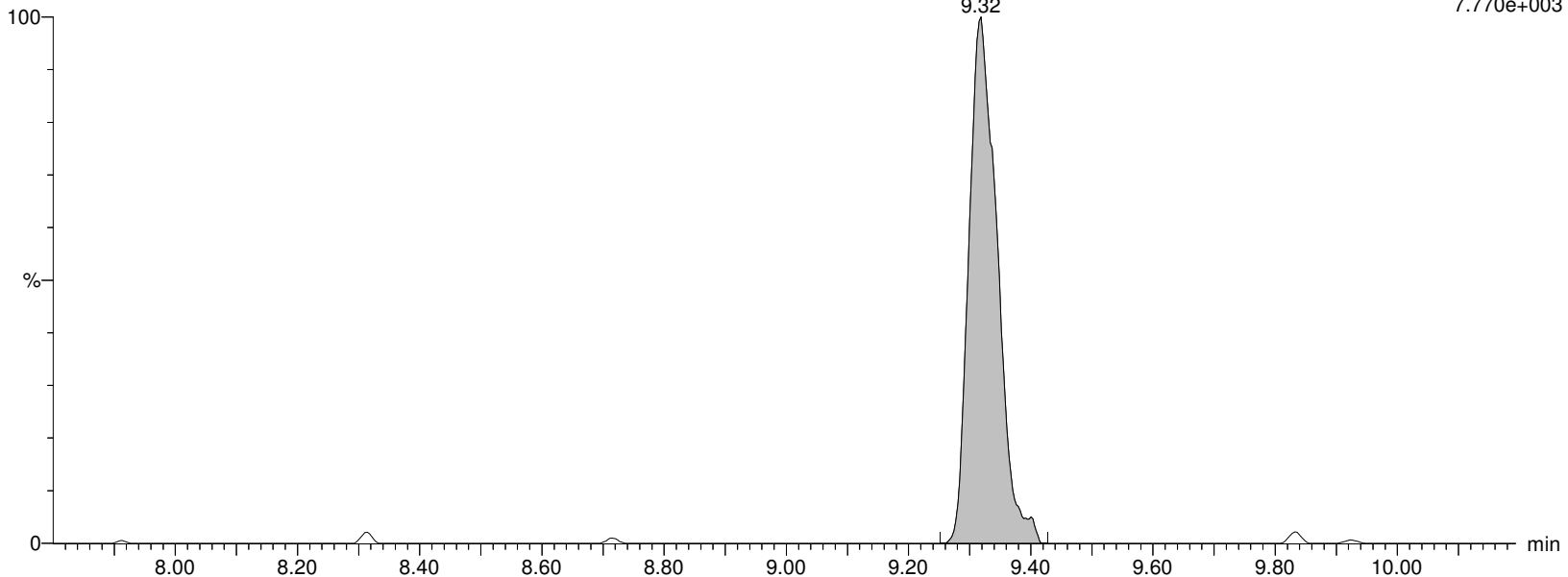
I3797 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F20:MRM of 2 channels,ES-

412.989 > 219.08

7.770e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOA

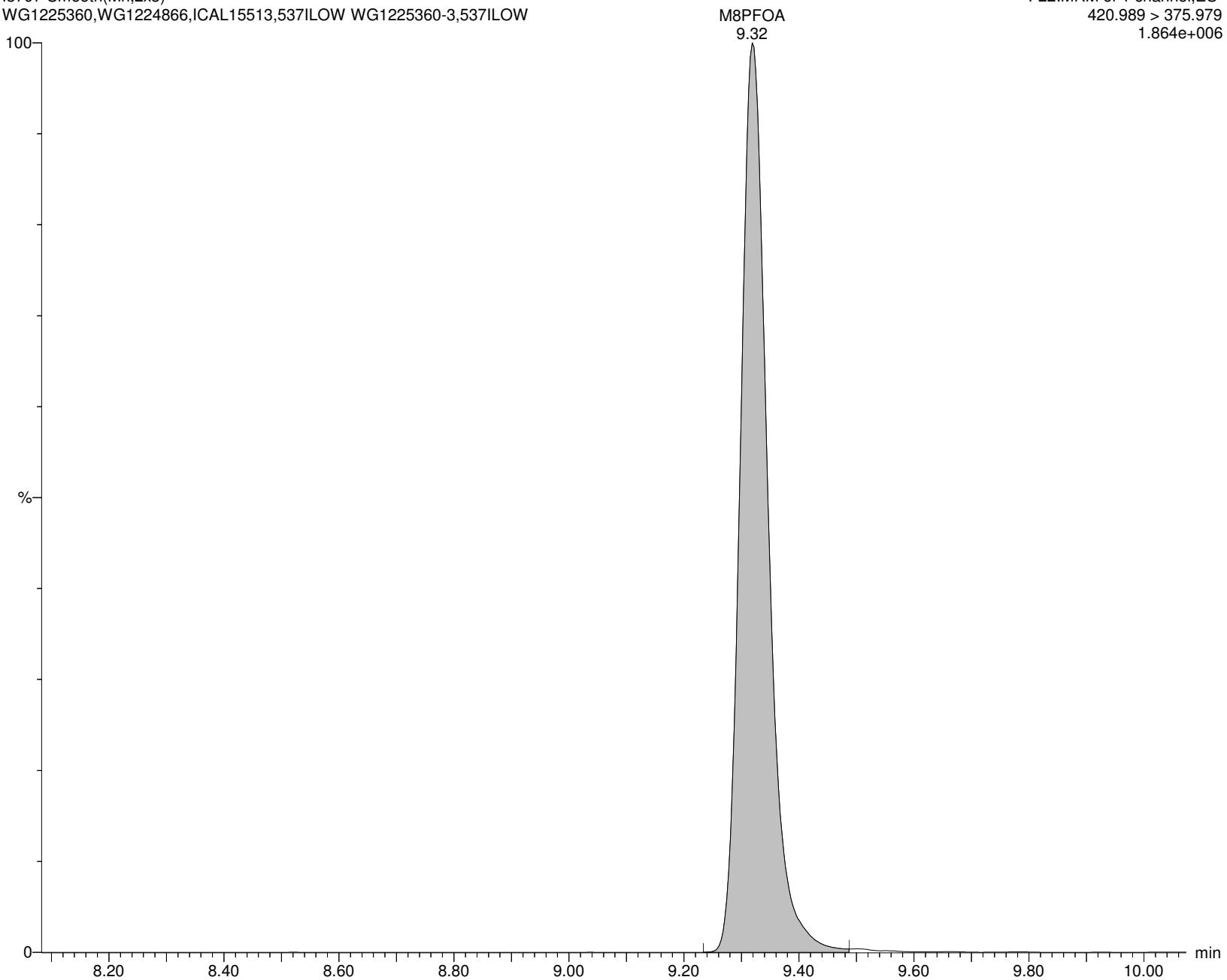
I3797 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F22:MRM of 1 channel,ES-

420.989 > 375.979

1.864e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

6:2FTS

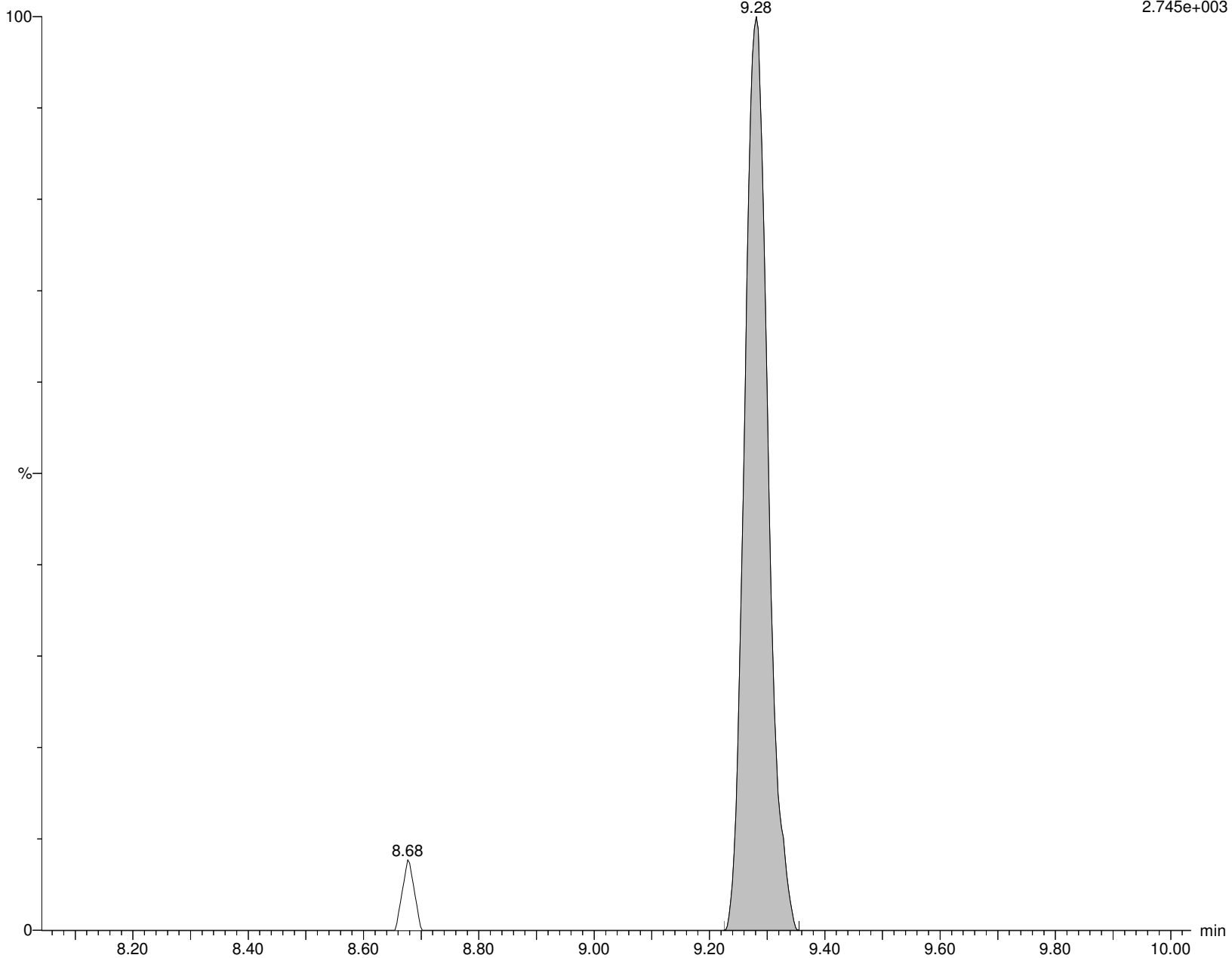
I3797 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F23:MRM of 2 channels,ES-

426.989 > 406.921

2.745e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-6:2FTS

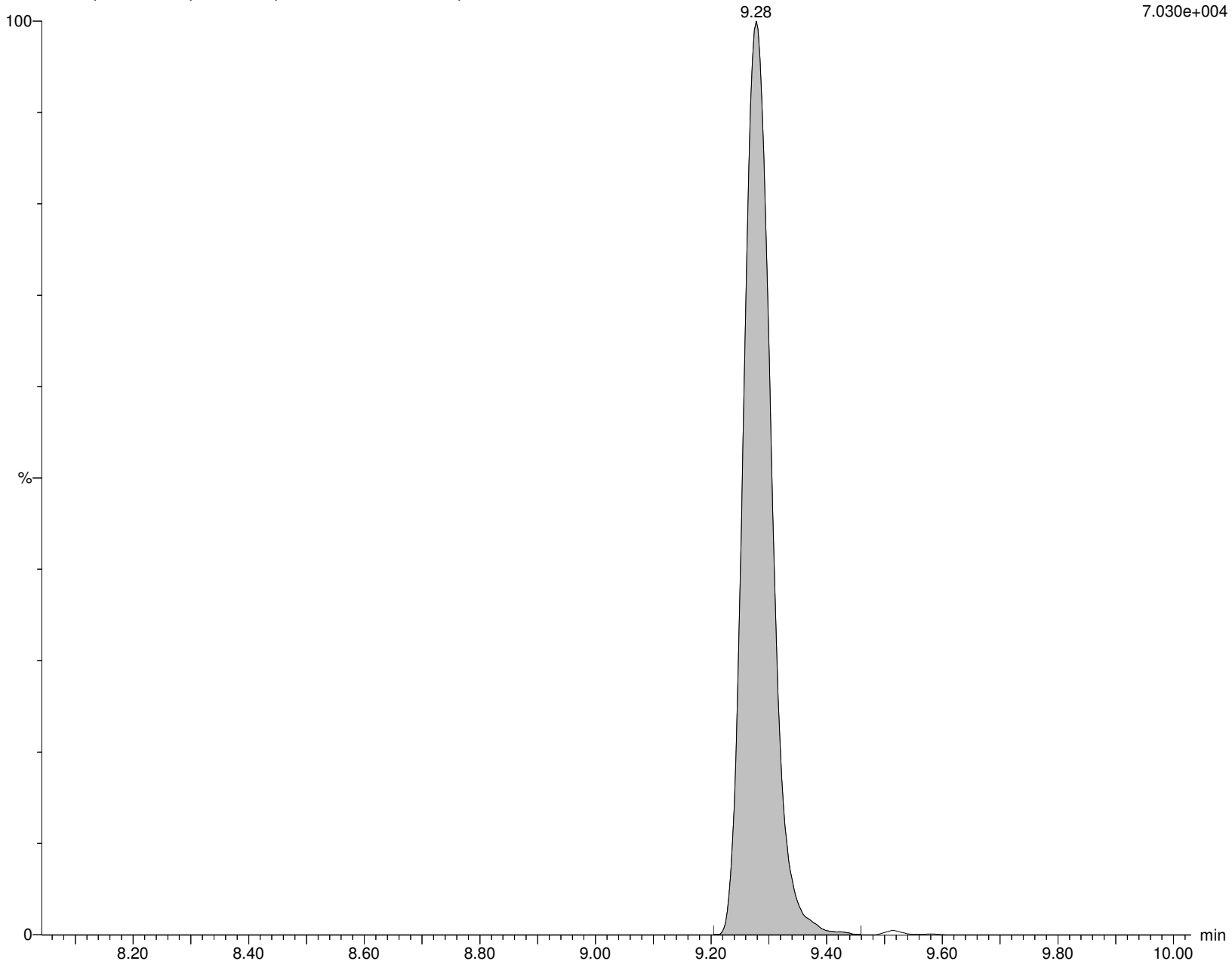
I3797 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F24:MRM of 1 channel,ES-

428.989 > 408.917

7.030e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpS

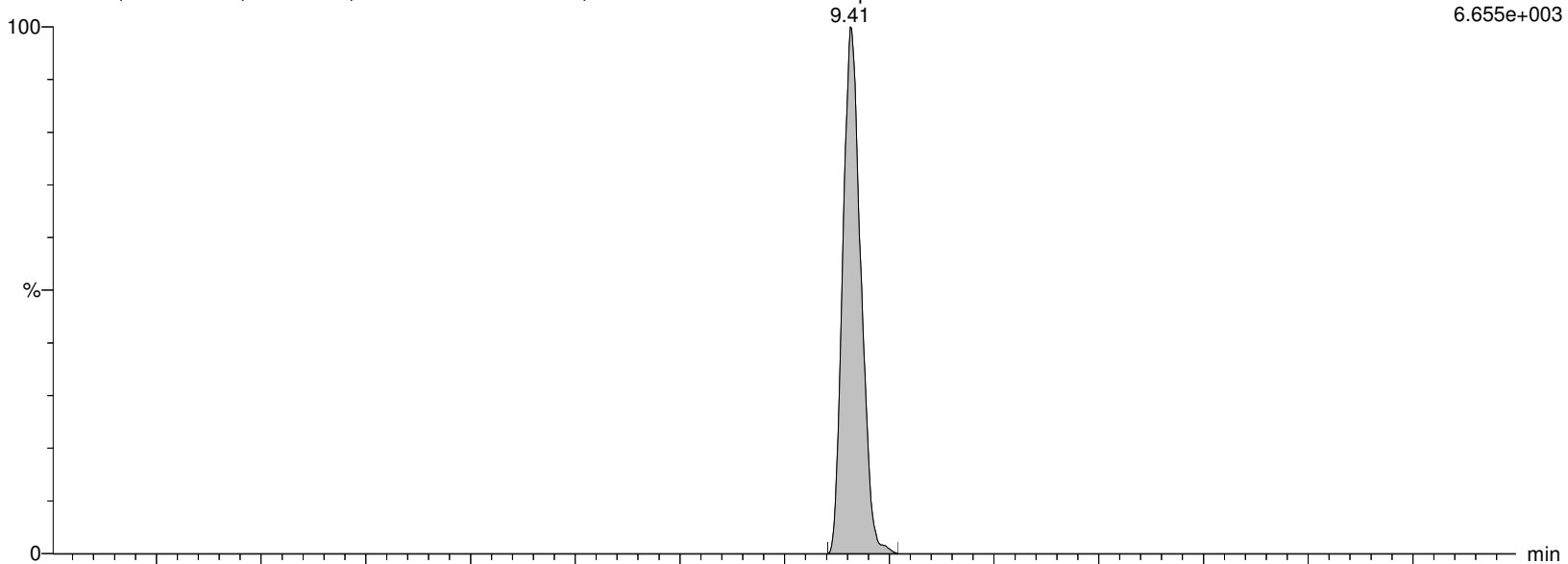
I3797 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F25:MRM of 2 channels,ES-

448.926 > 80.257

6.655e+003



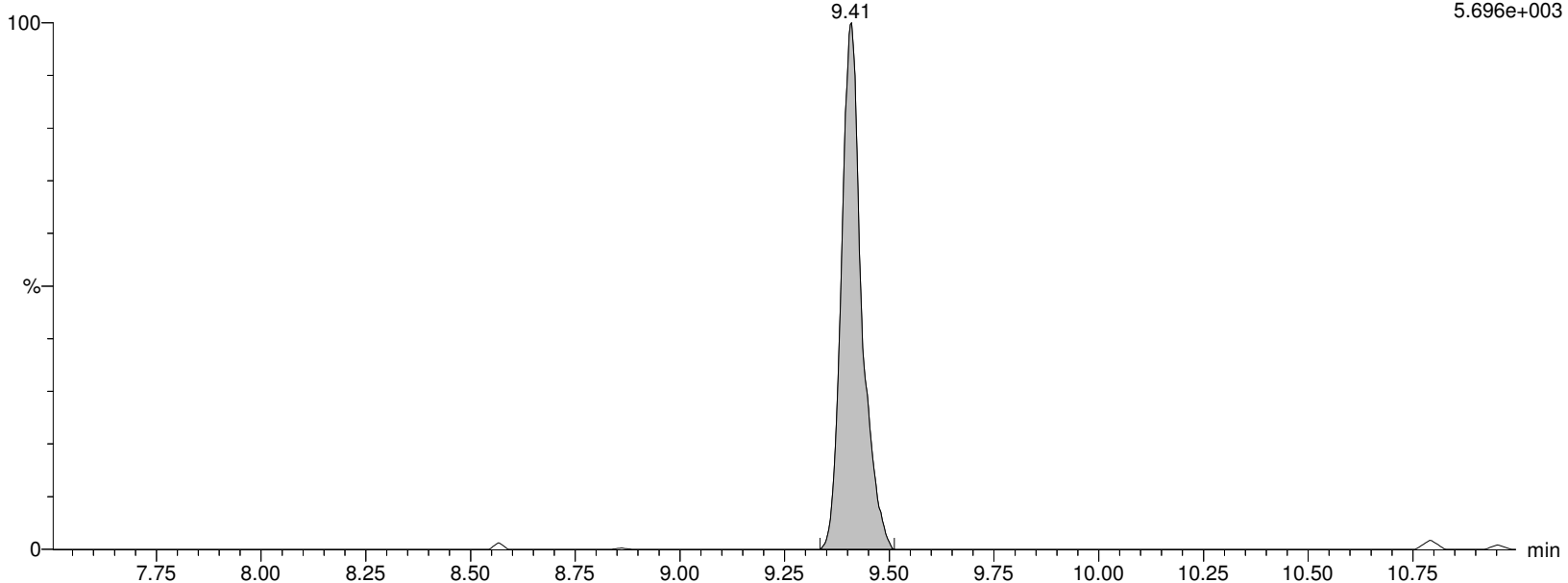
I3797 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F25:MRM of 2 channels,ES-

448.926 > 99.22

5.696e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNA

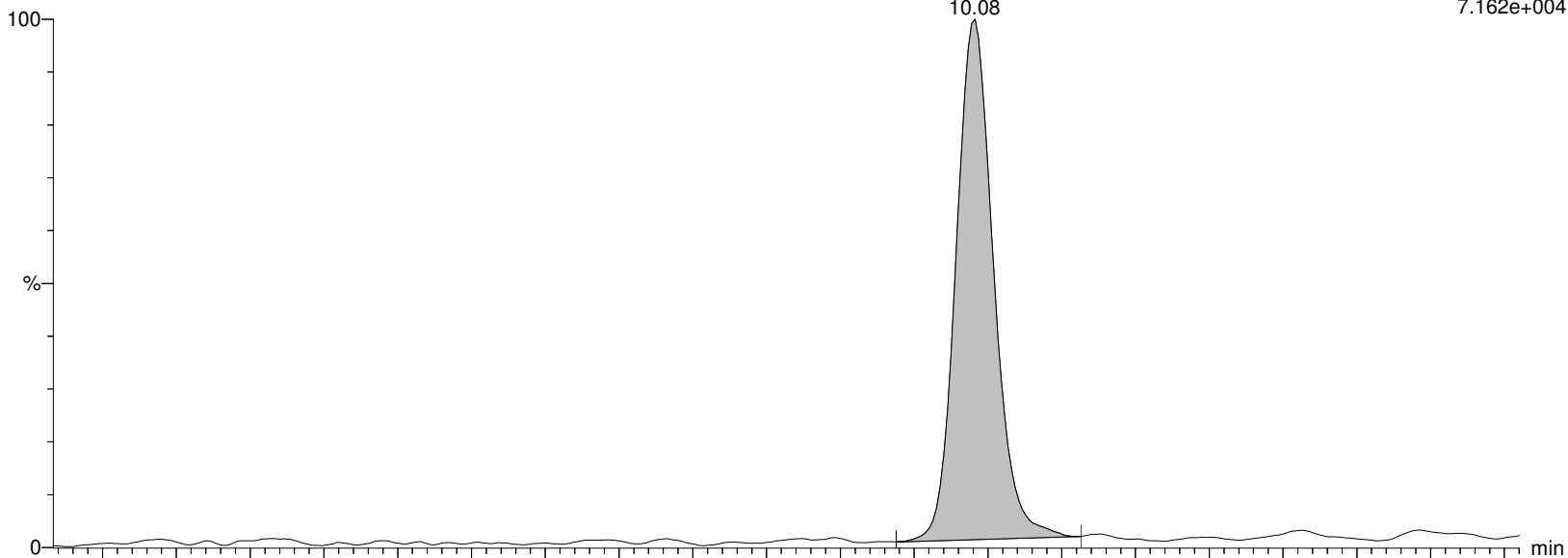
I3797 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F26:MRM of 2 channels,ES-

462.989 > 418.931

7.162e+004



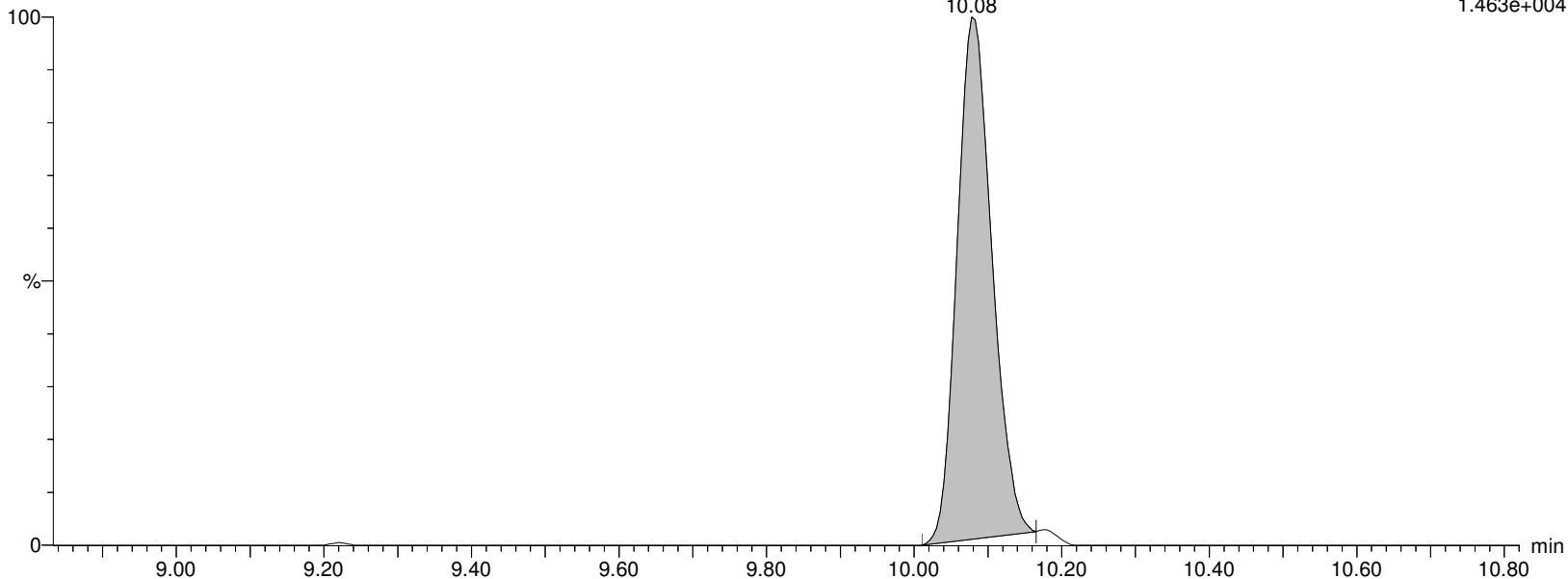
I3797 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F26:MRM of 2 channels,ES-

462.989 > 219.04

1.463e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797**ID: WG1225360-3,537ILOW****Date: 11-Apr-2019****Time: 16:33:00****Description: WG1225360,WG1224866,ICAL15513,537ILOW****User: LCMS02:JW****Vial: 2:A,2****Instrument: XEVO-TQSmicro#QEB0050****Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B****Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR****MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP****M9PFNA**

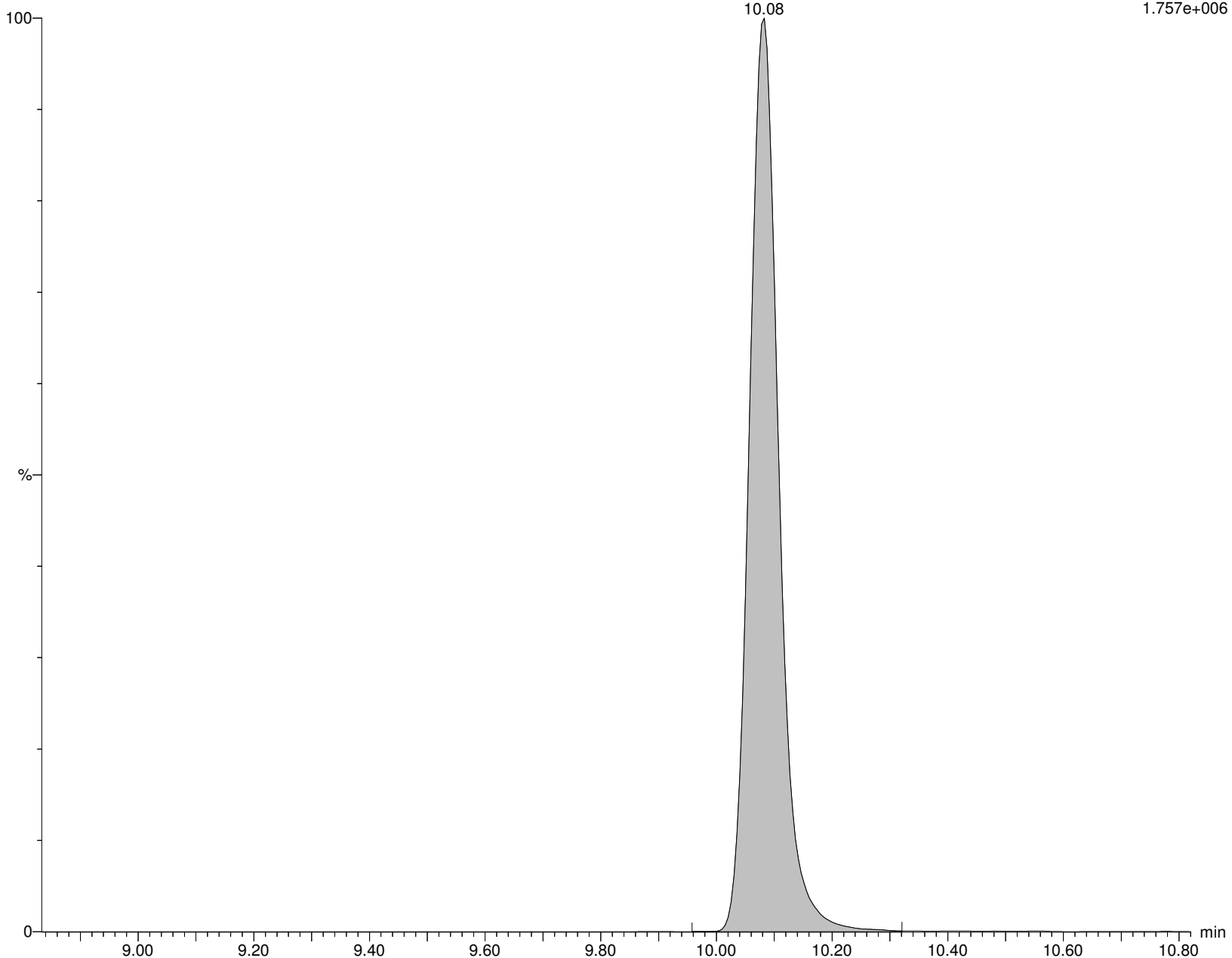
I3797 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F27:MRM of 1 channel,ES-

472.053 > 426.947

1.757e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOS

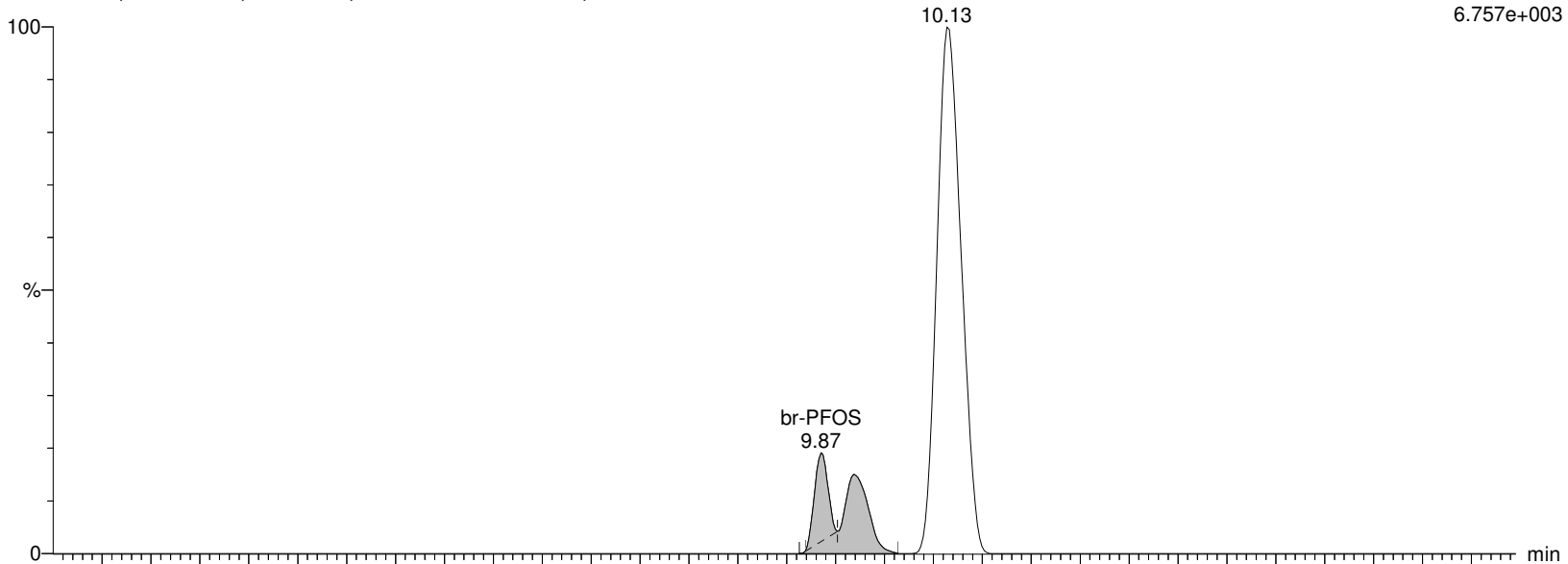
I3797 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F29:MRM of 2 channels,ES-

498.989 > 80.294

6.757e+003



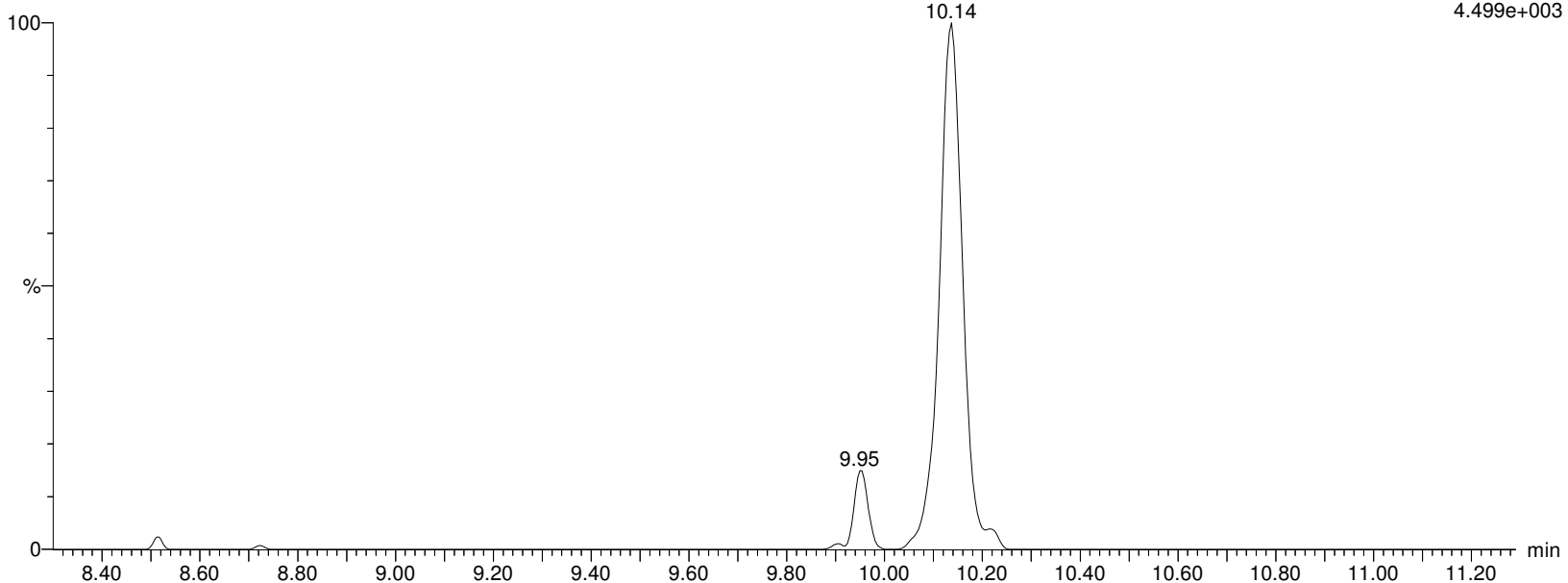
I3797 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F29:MRM of 2 channels,ES-

498.989 > 99.27

4.499e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOS

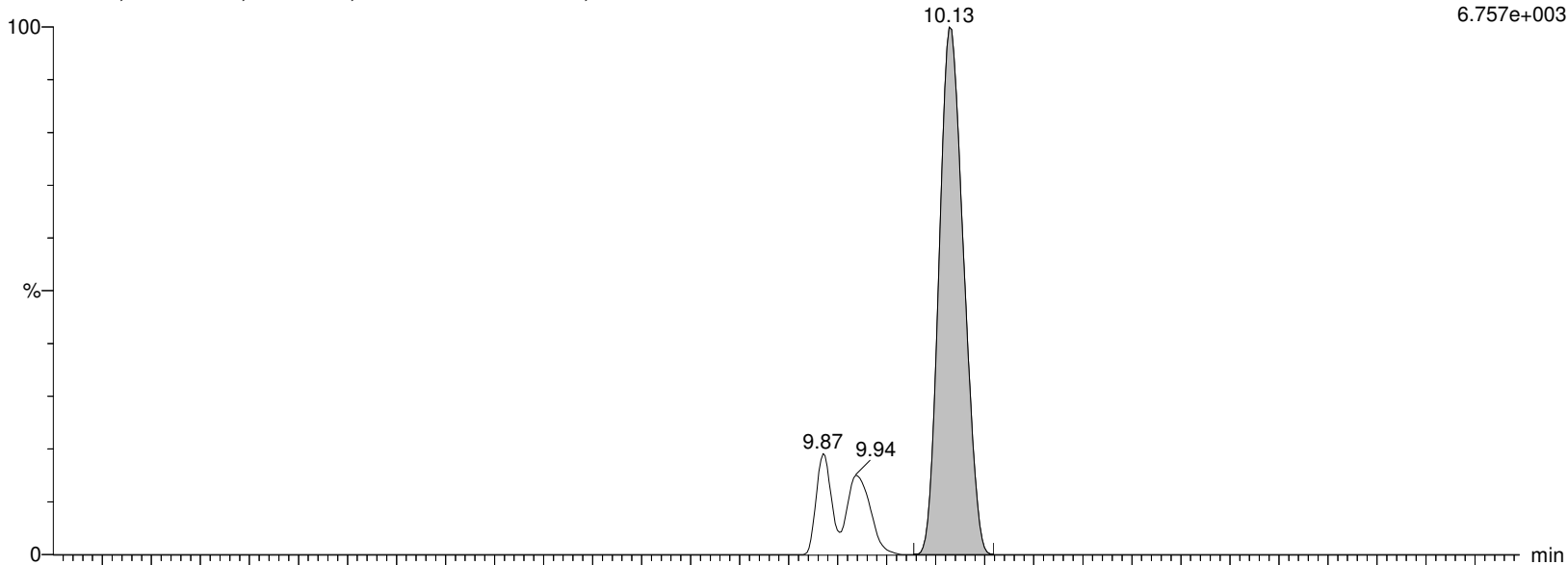
I3797 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F29:MRM of 2 channels,ES-

498.989 > 80.294

6.757e+003



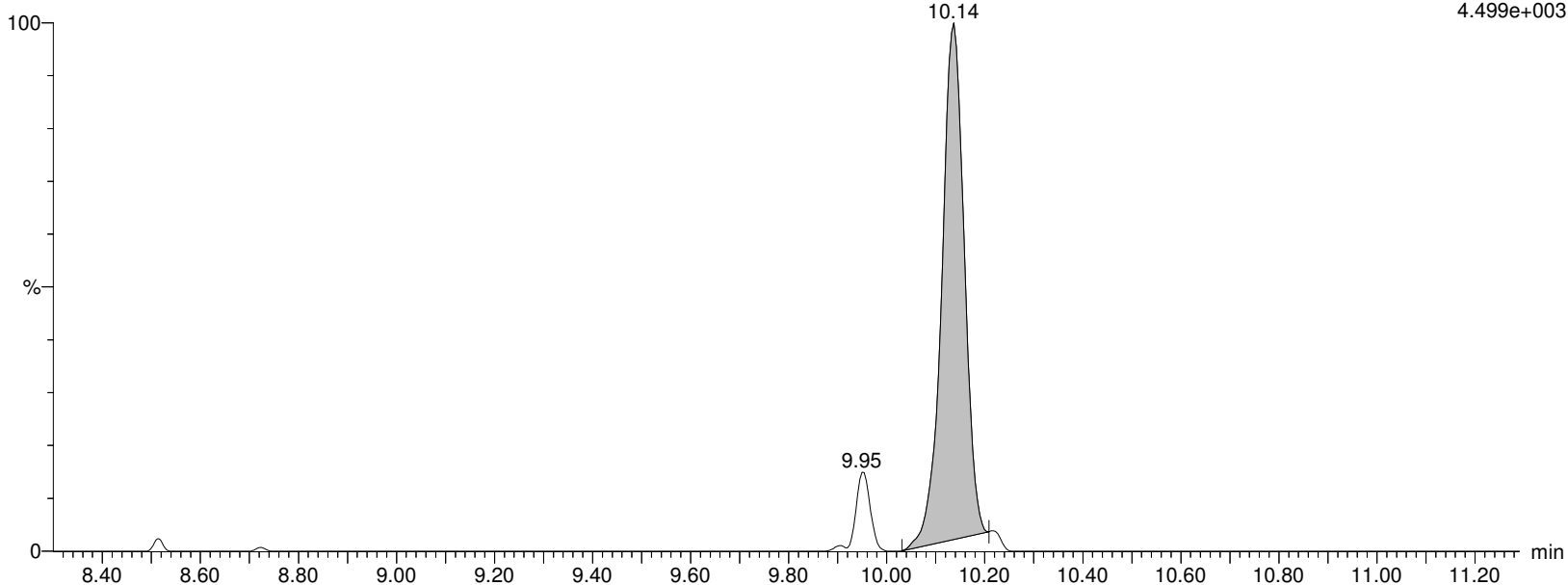
I3797 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F29:MRM of 2 channels,ES-

498.989 > 99.27

4.499e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOS

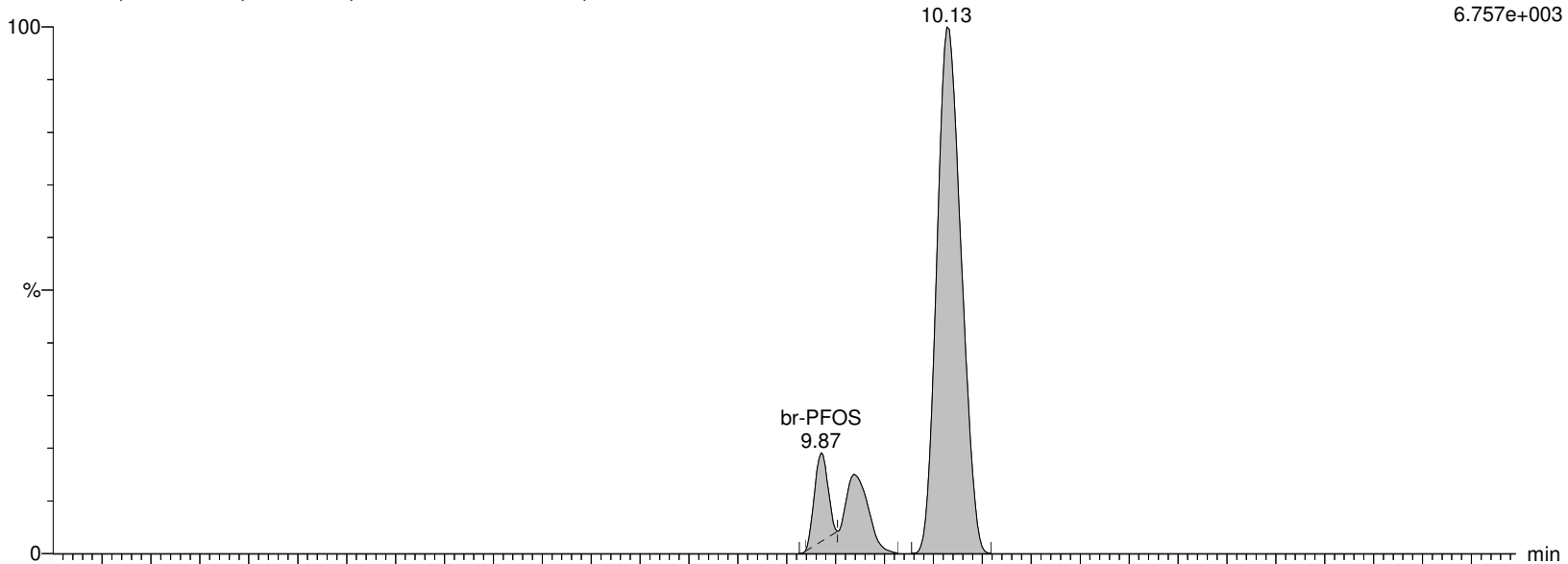
I3797 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F29:MRM of 2 channels,ES-

498.989 > 80.294

6.757e+003



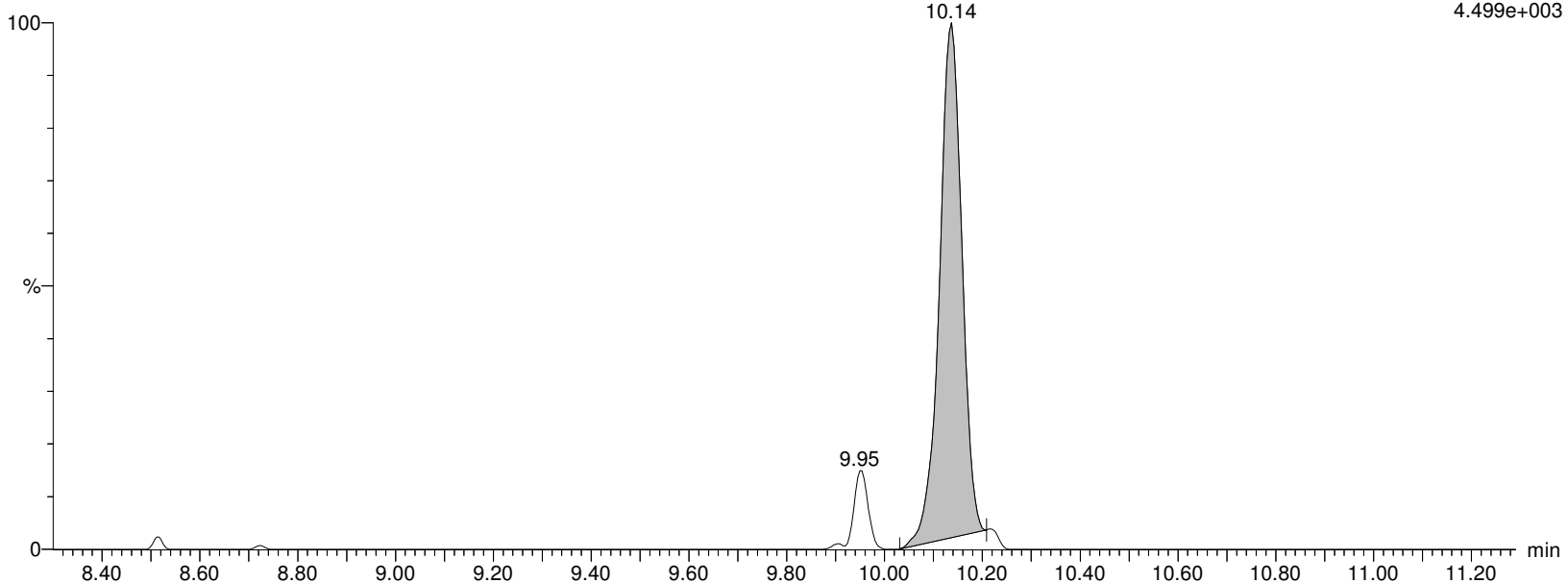
I3797 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F29:MRM of 2 channels,ES-

498.989 > 99.27

4.499e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFOS

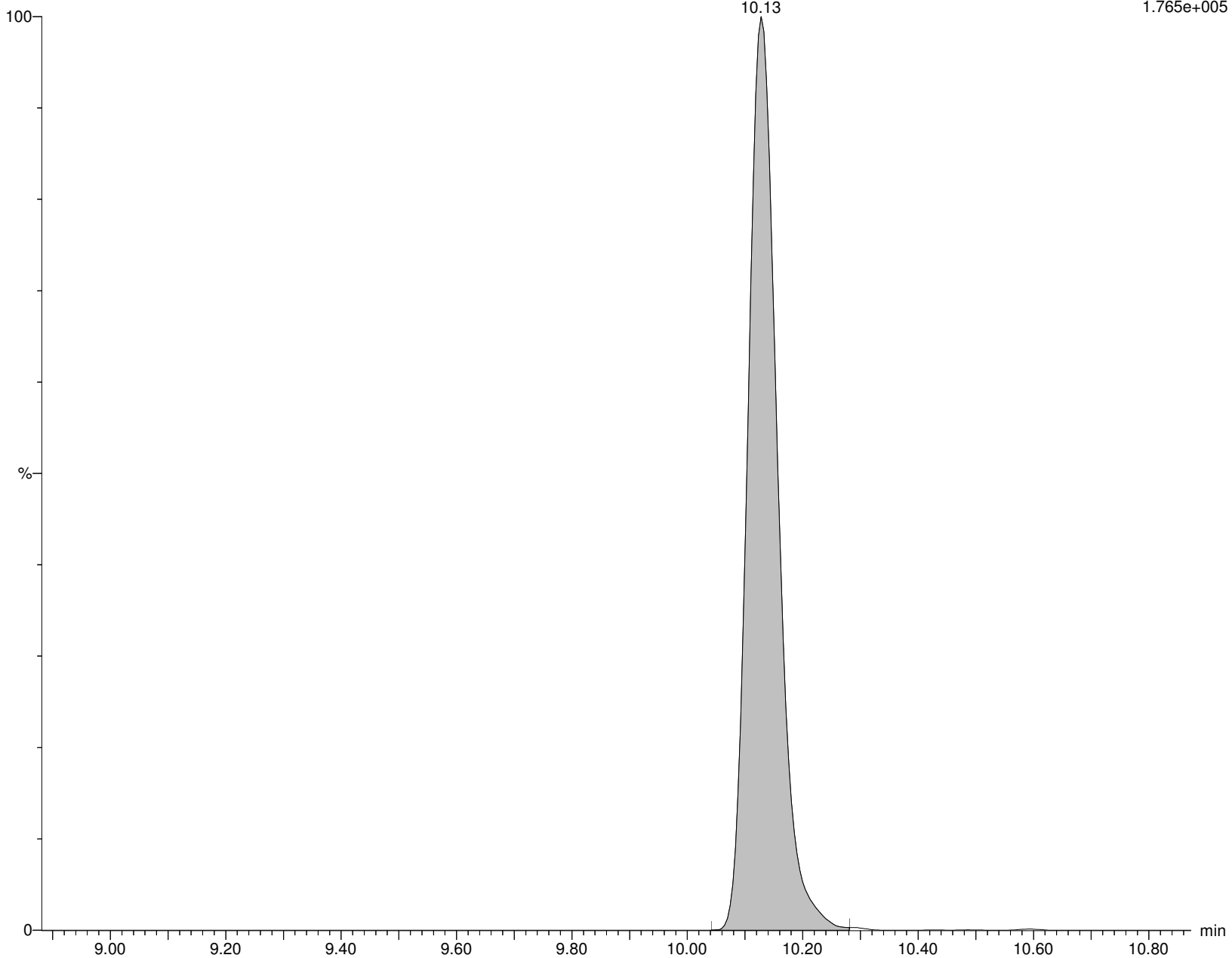
I3797 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F30:MRM of 1 channel,ES-

503.032 > 80.306

1.765e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOS

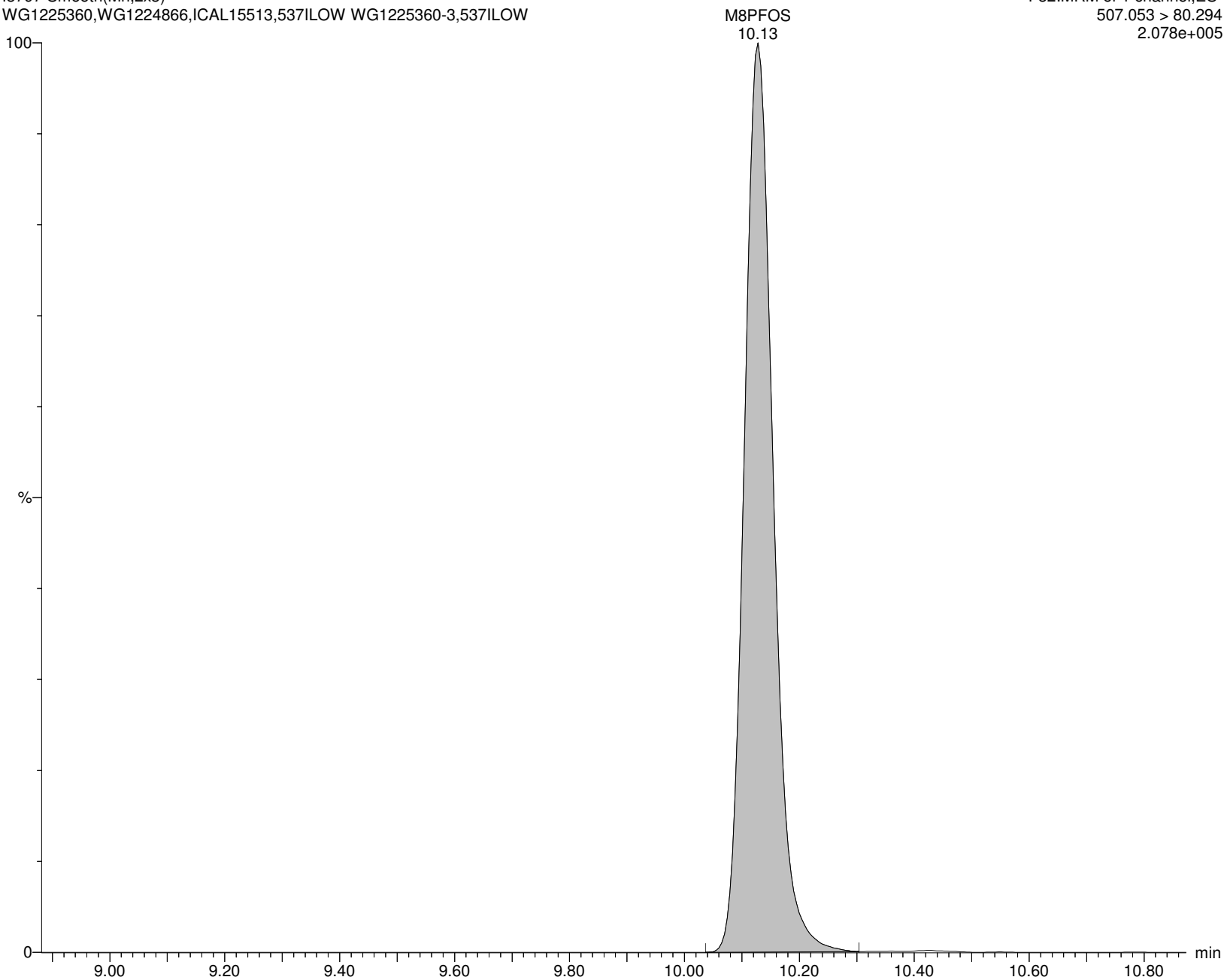
I3797 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F32:MRM of 1 channel,ES-

507.053 > 80.294

2.078e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDA

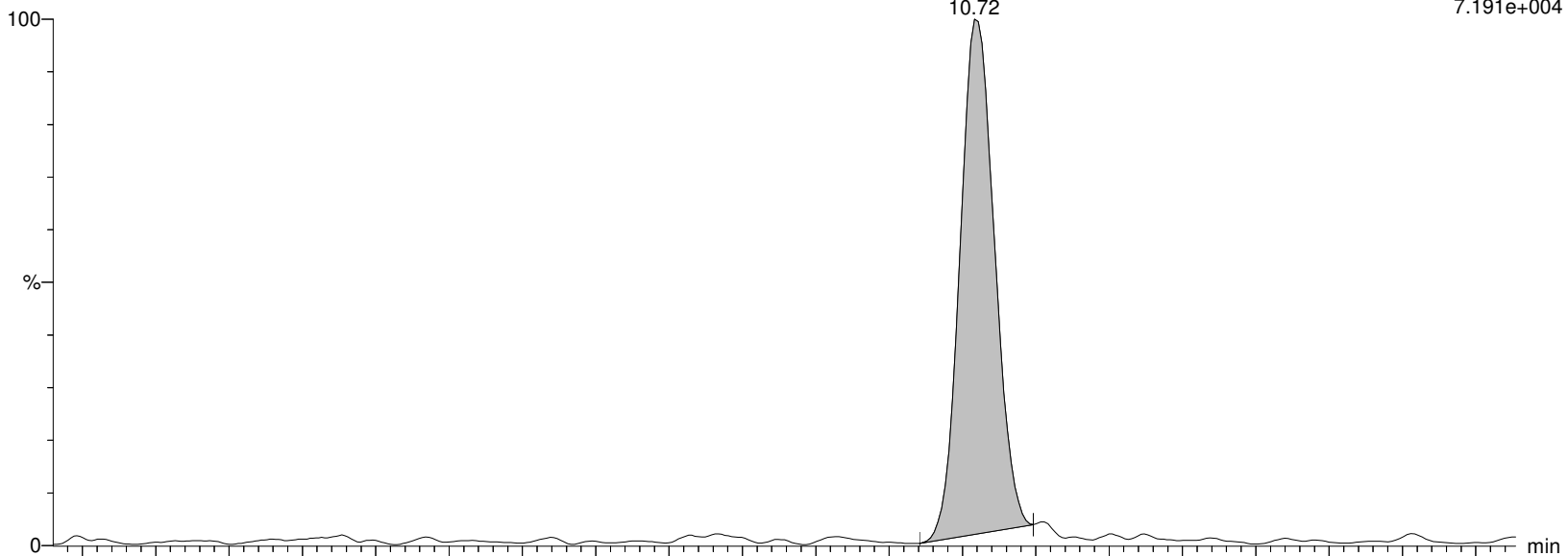
I3797 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F33:MRM of 2 channels,ES-

513.053 > 468.906

7.191e+004



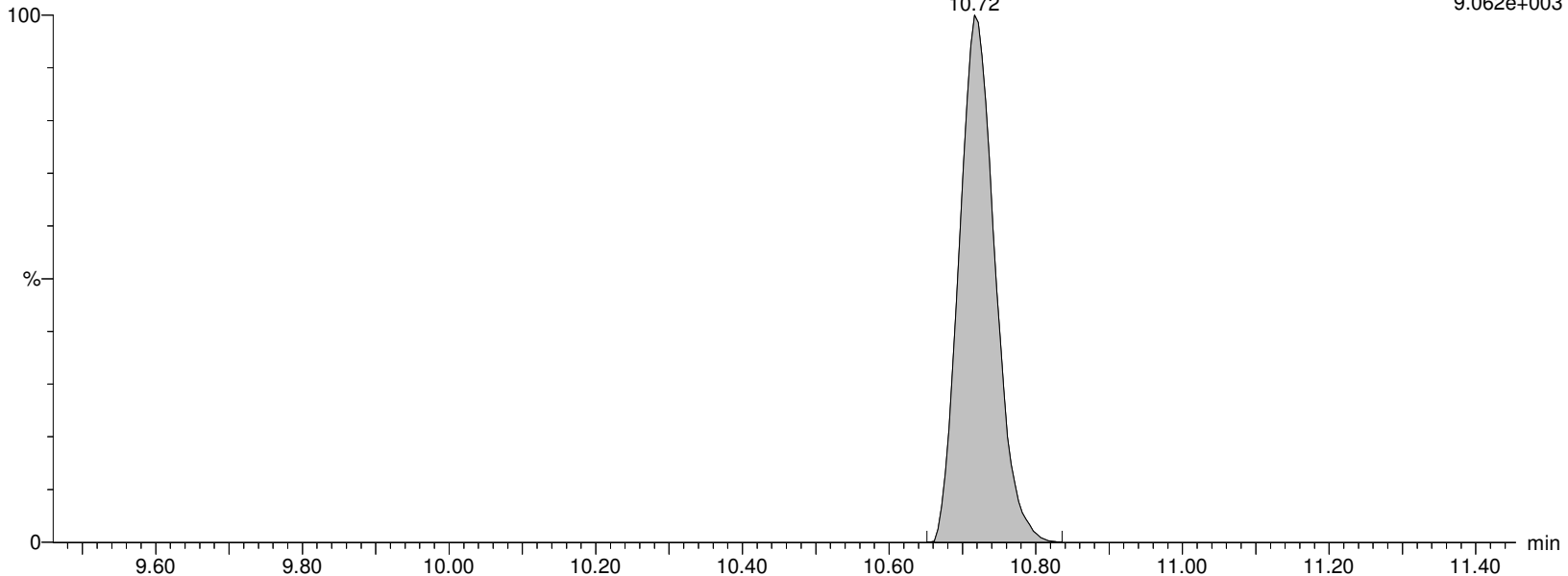
I3797 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F33:MRM of 2 channels,ES-

513.053 > 219.08

9.062e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFDA

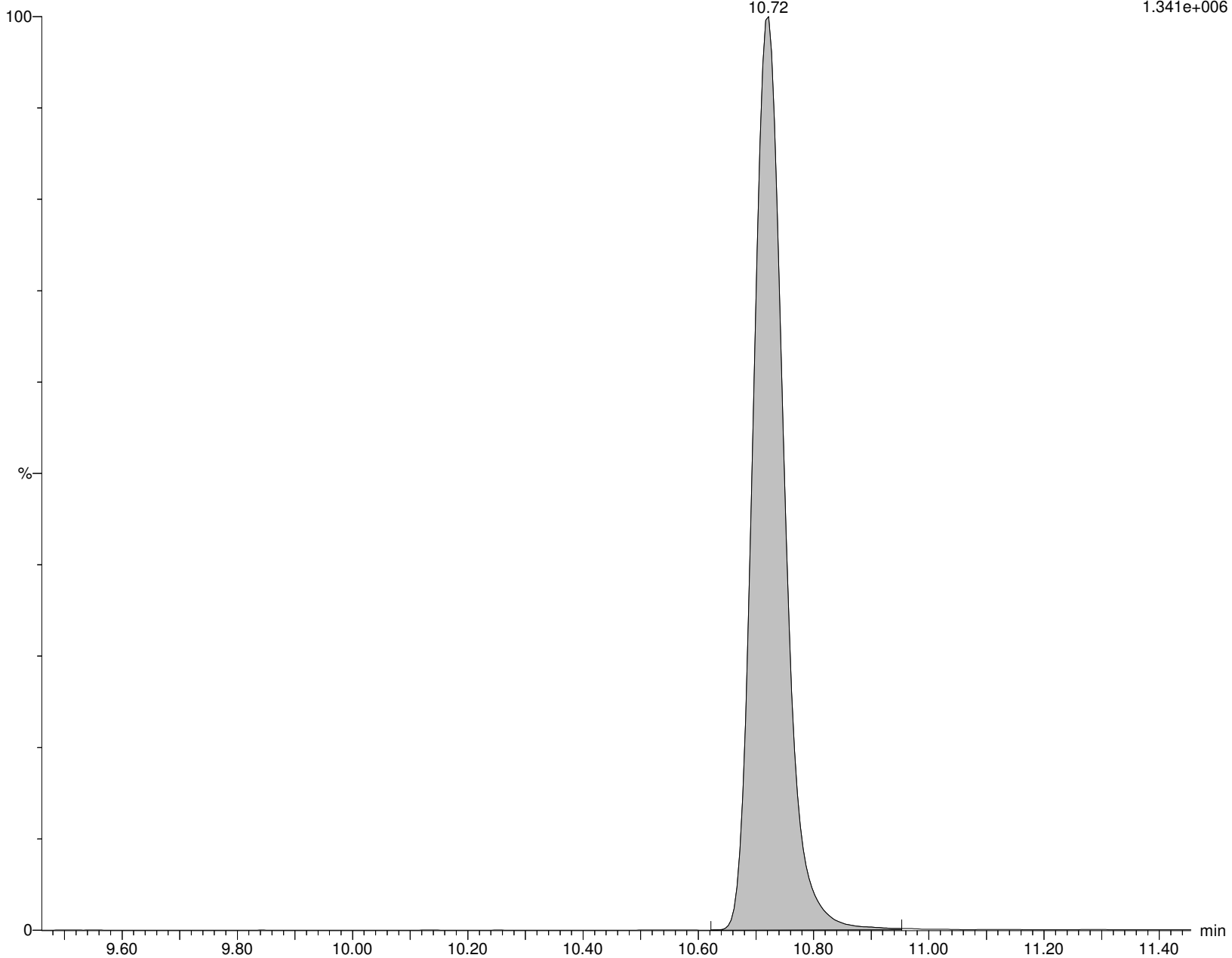
I3797 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F34:MRM of 1 channel,ES-

515.053 > 469.934

1.341e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M6PFDA

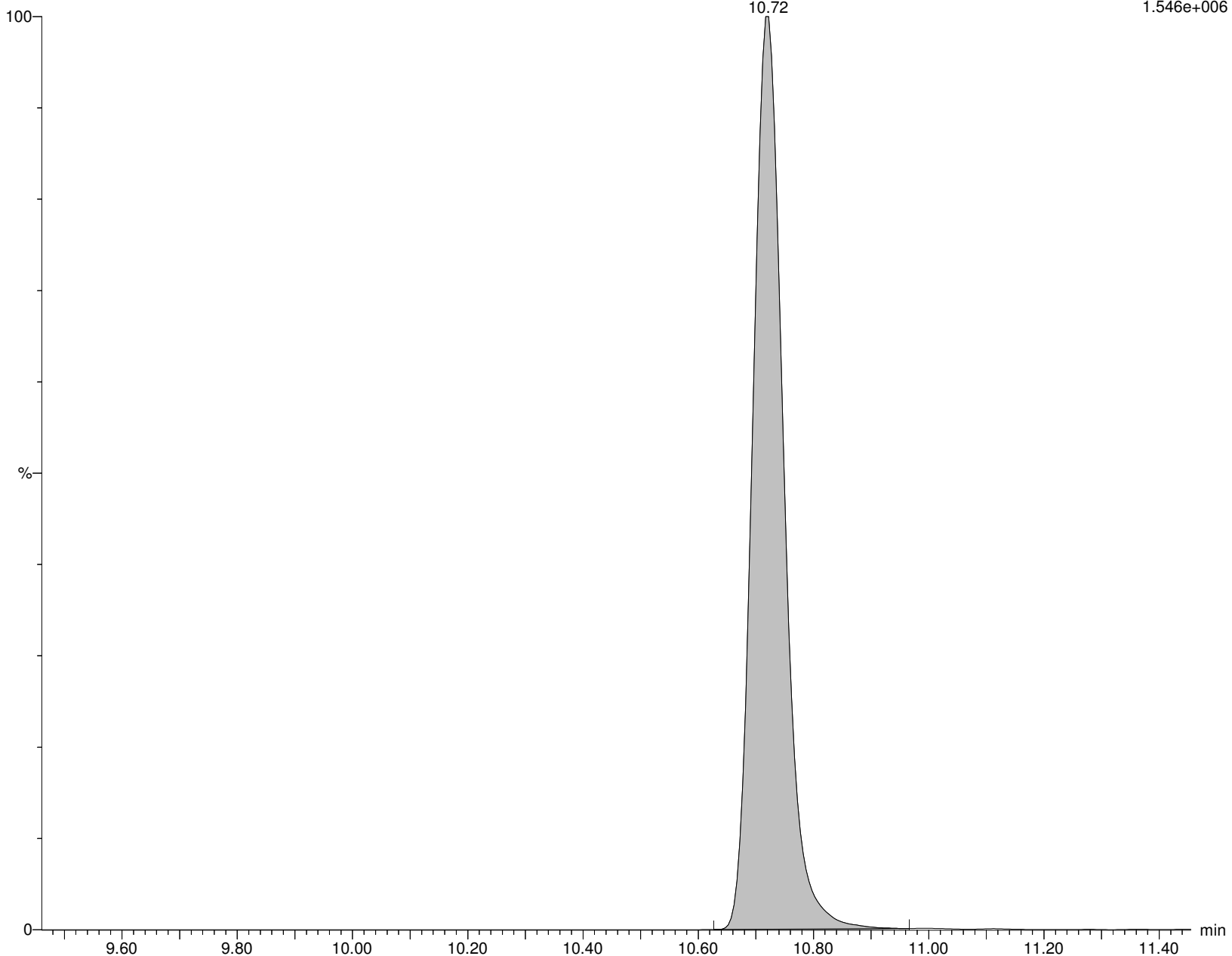
I3797 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F35:MRM of 1 channel,ES-

519.053 > 473.931

1.546e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

8:2FTS

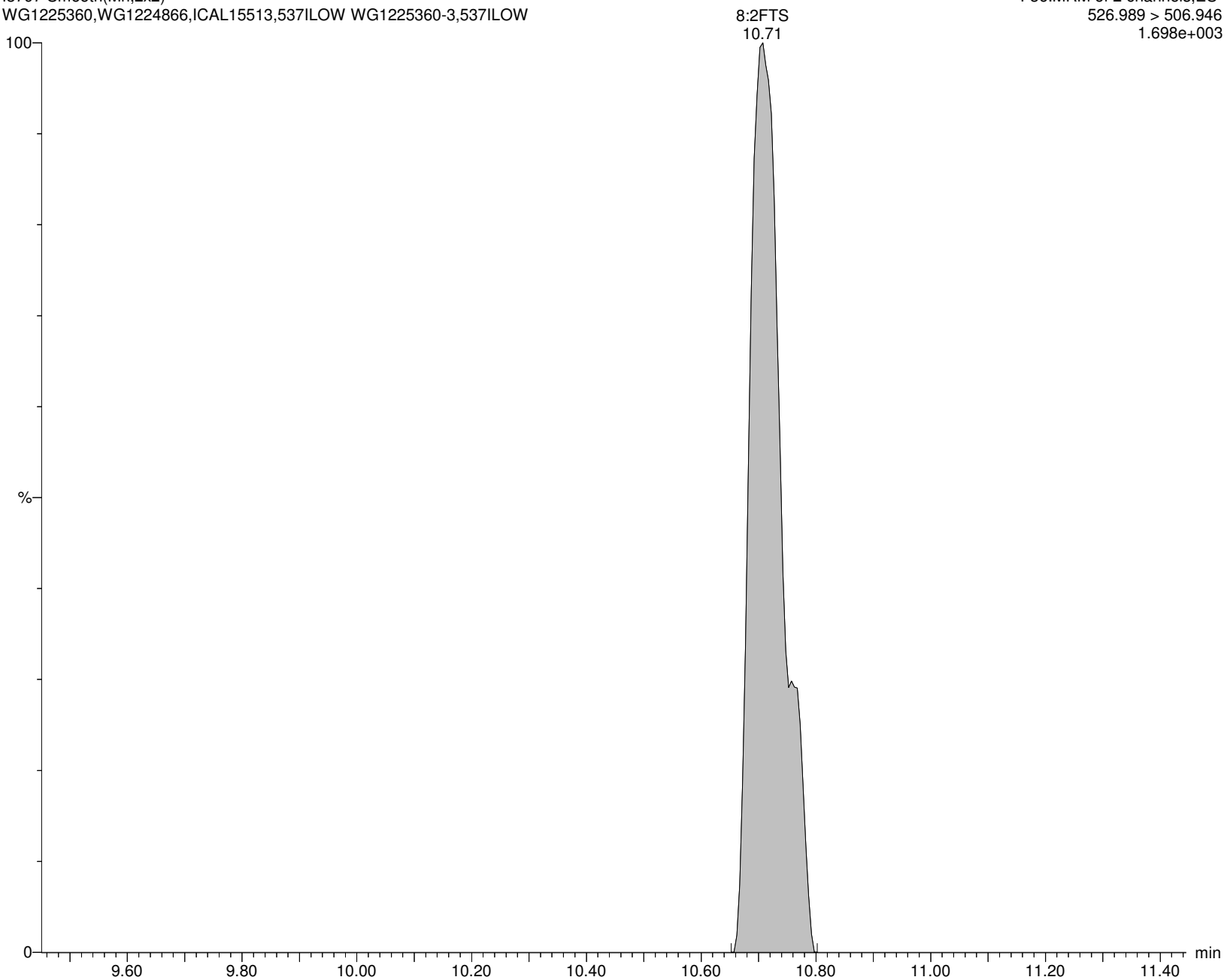
I3797 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F36:MRM of 2 channels,ES-

526.989 > 506.946

1.698e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-8:2FTS

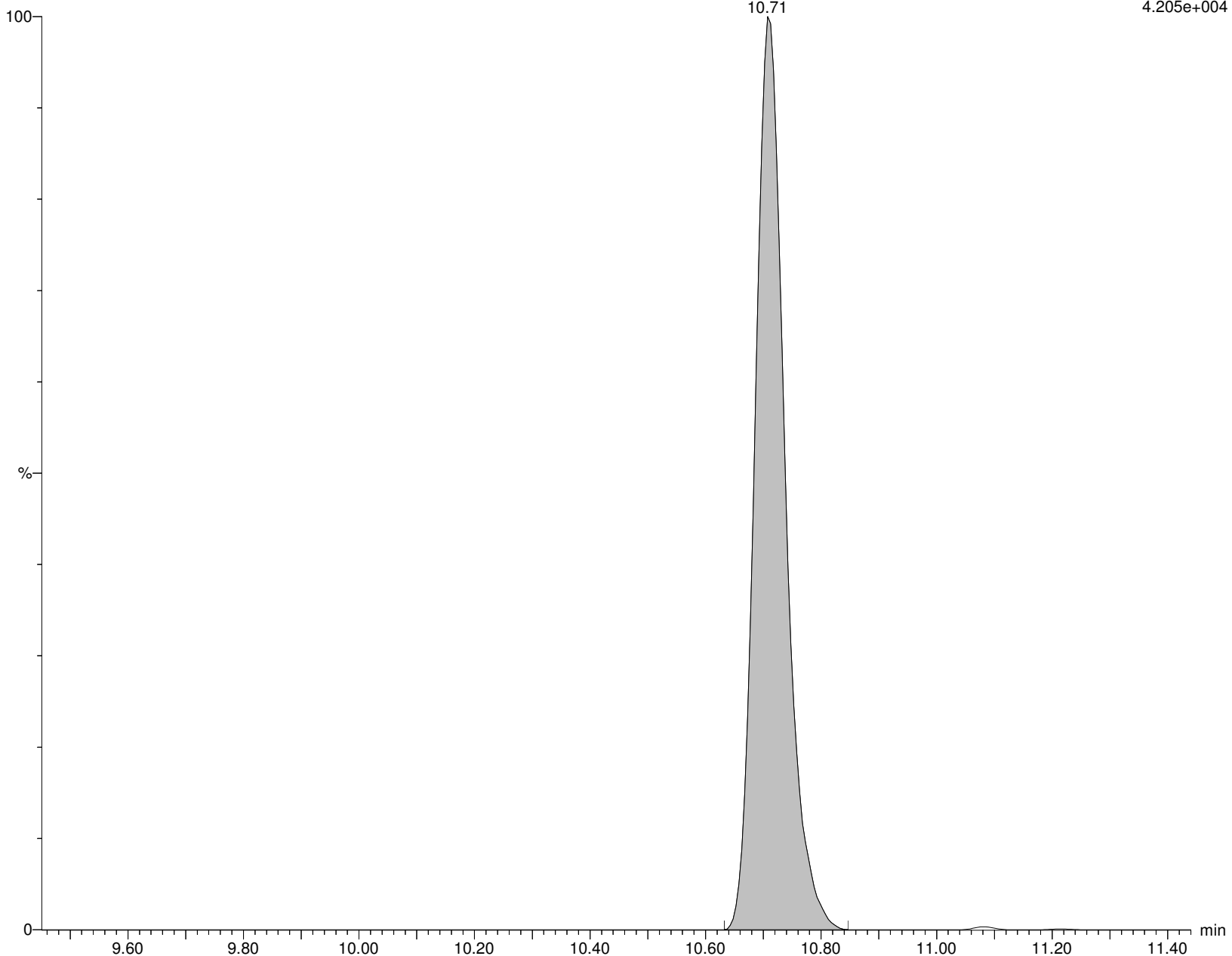
I3797 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F37:MRM of 2 channels,ES-

529.053 > 508.945

4.205e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNS

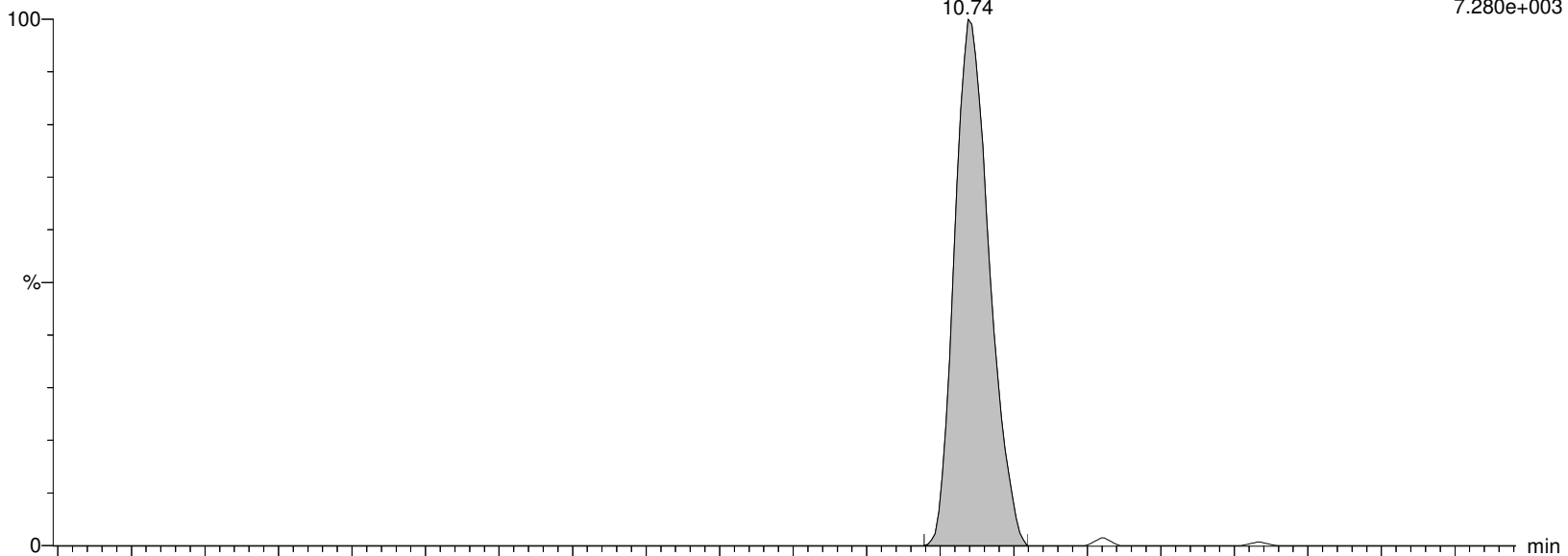
I3797 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F39:MRM of 2 channels,ES-

548.989 > 80.249

7.280e+003



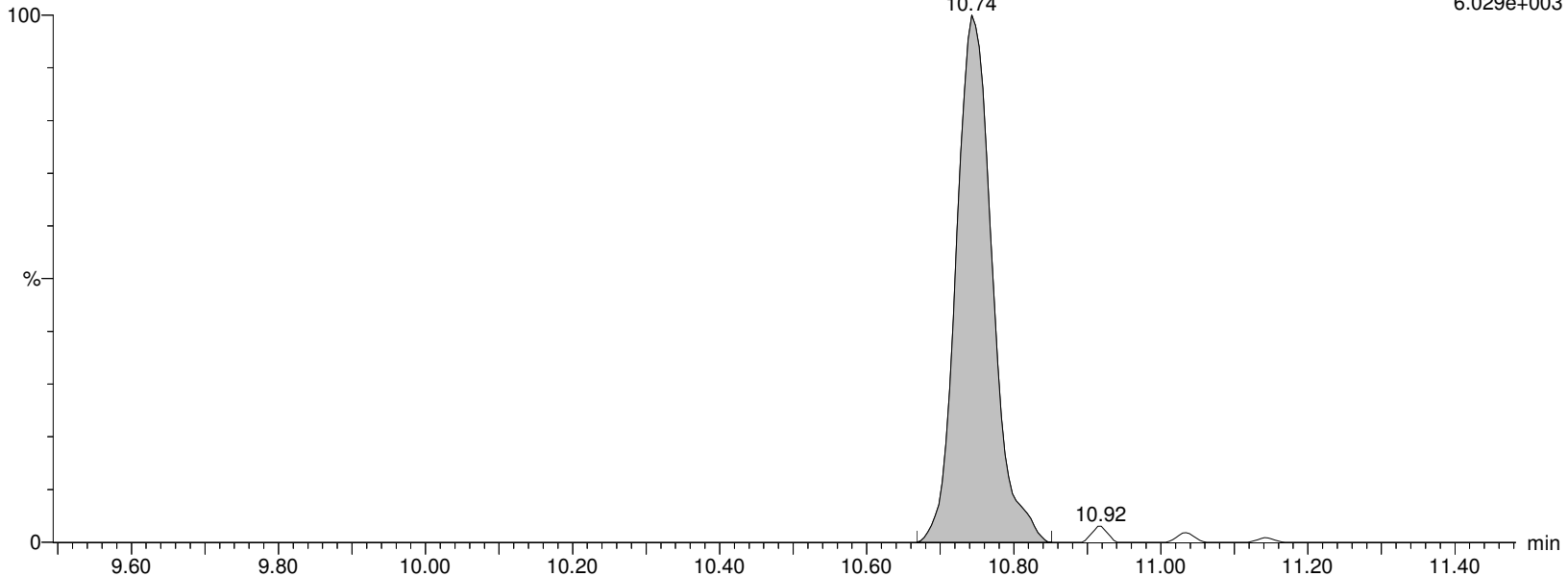
I3797 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F39:MRM of 2 channels,ES-

548.989 > 99.22

6.029e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d3-NMeFOSAA

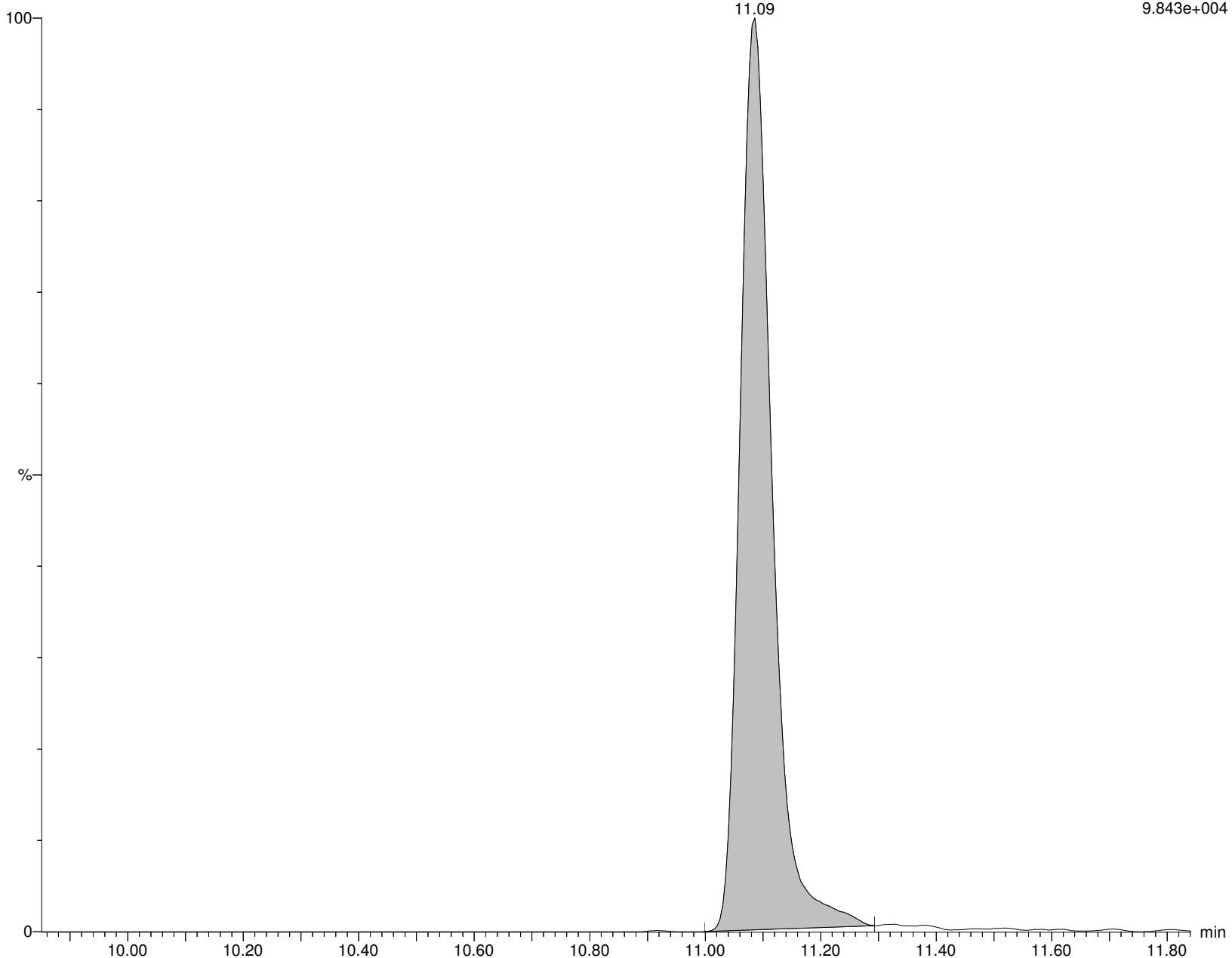
I3797 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F43:MRM of 1 channel,ES-

573.096 > 418.987

9.843e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797**ID: WG1225360-3,537ILOW****Date: 11-Apr-2019****Time: 16:33:00****Description: WG1225360,WG1224866,ICAL15513,537ILOW****User: LCMS02:JW****Vial: 2:A,2****Instrument: XEVO-TQSmicro#QEB0050****Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B****Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR****MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP****NMeFOSAA**

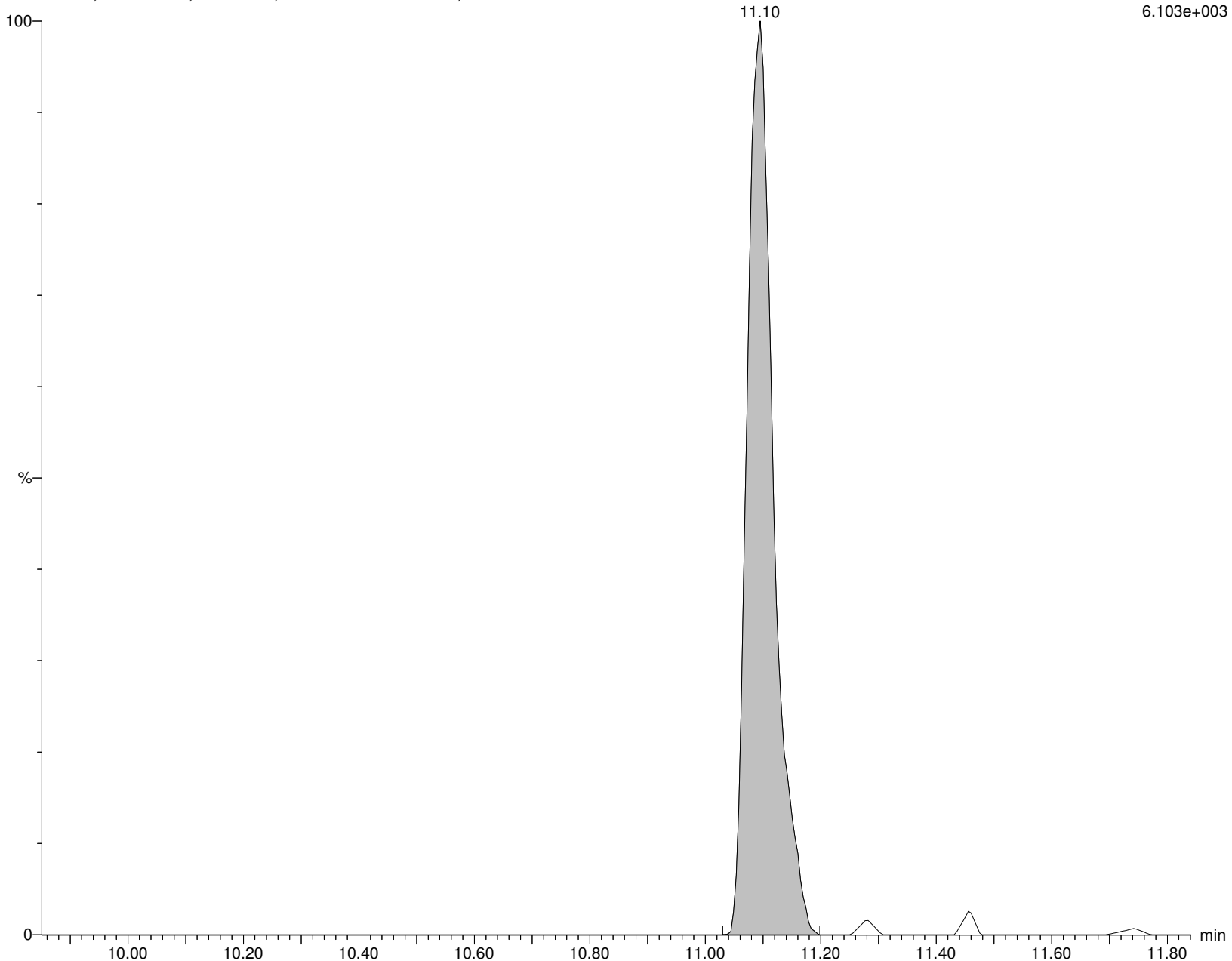
I3797 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F41:MRM of 1 channel,ES-

570.053 > 418.917

6.103e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFUnA

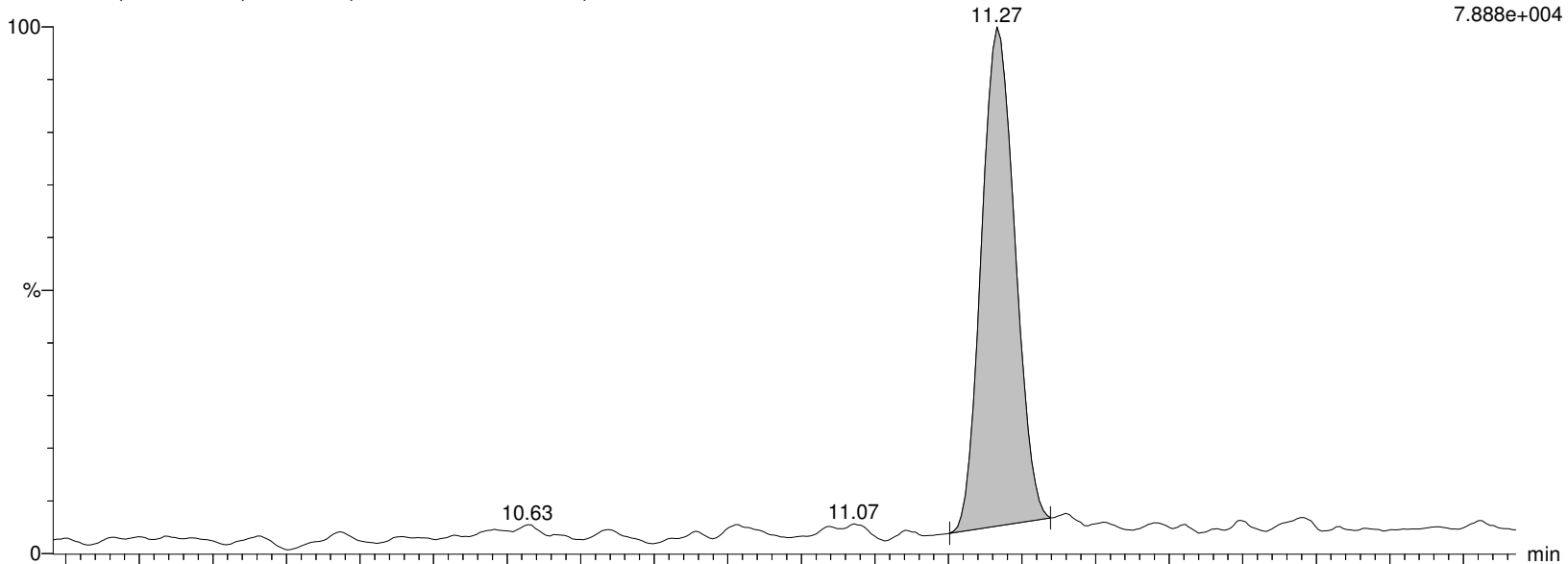
I3797 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F40:MRM of 2 channels,ES-

562.989 > 518.903

7.888e+004



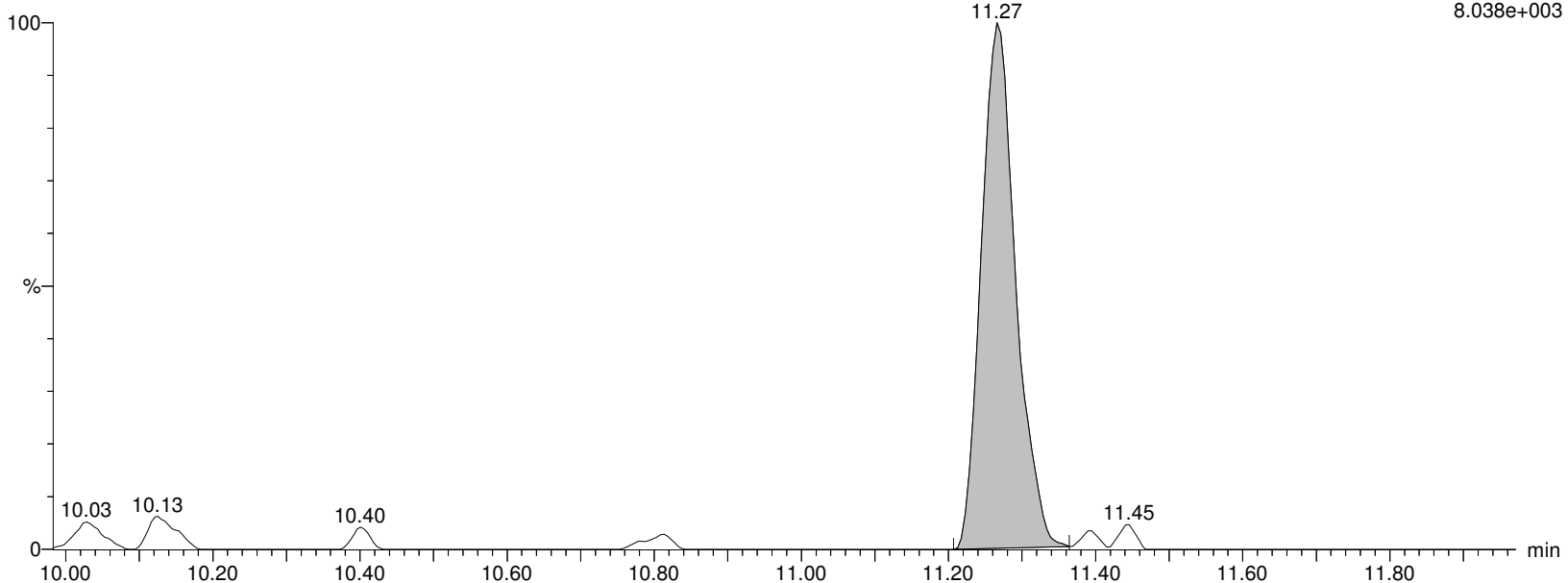
I3797 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F40:MRM of 2 channels,ES-

562.989 > 269.01

8.038e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M7-PFUDA

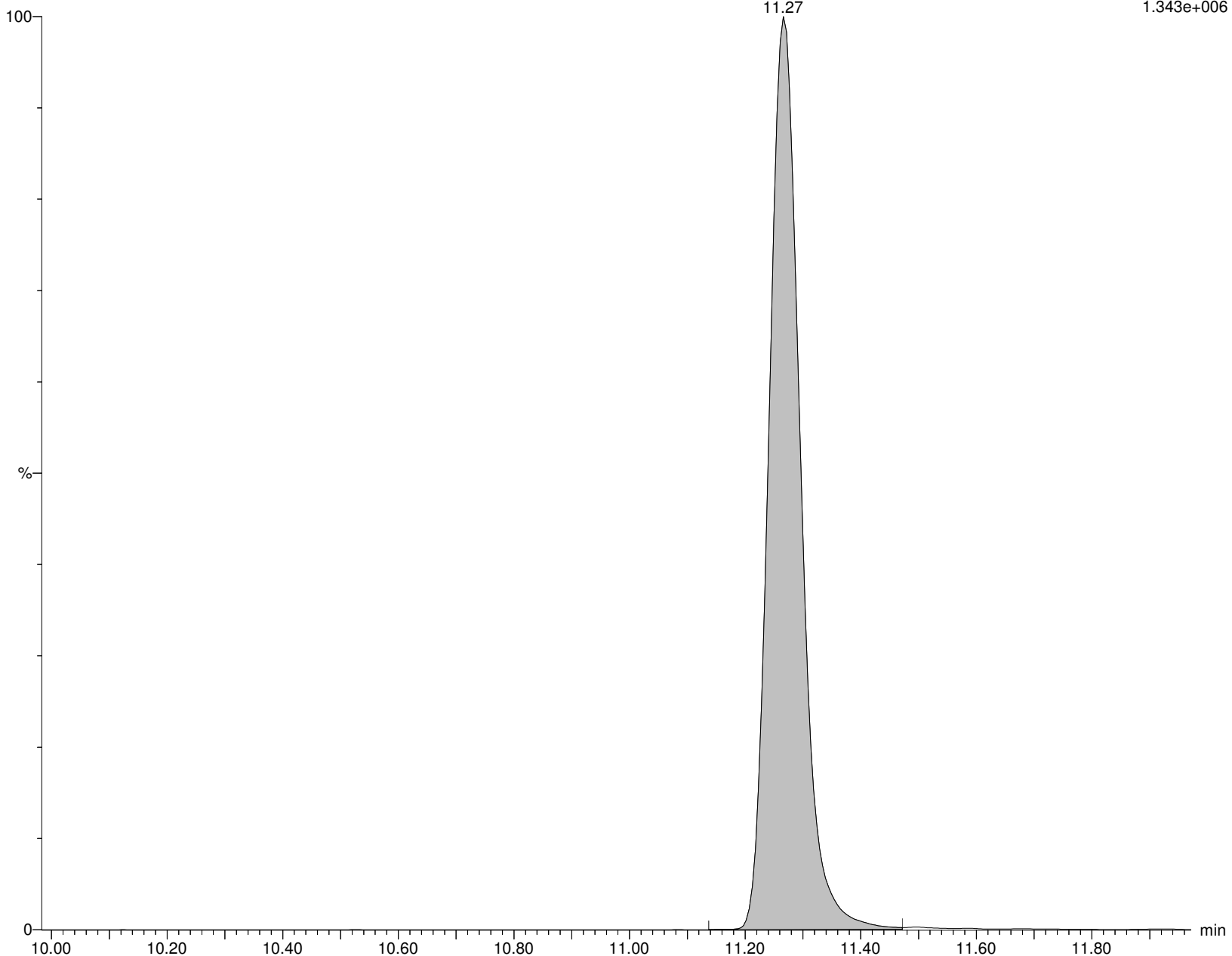
I3797 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F42:MRM of 1 channel,ES-

570.053 > 524.923

1.343e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDS

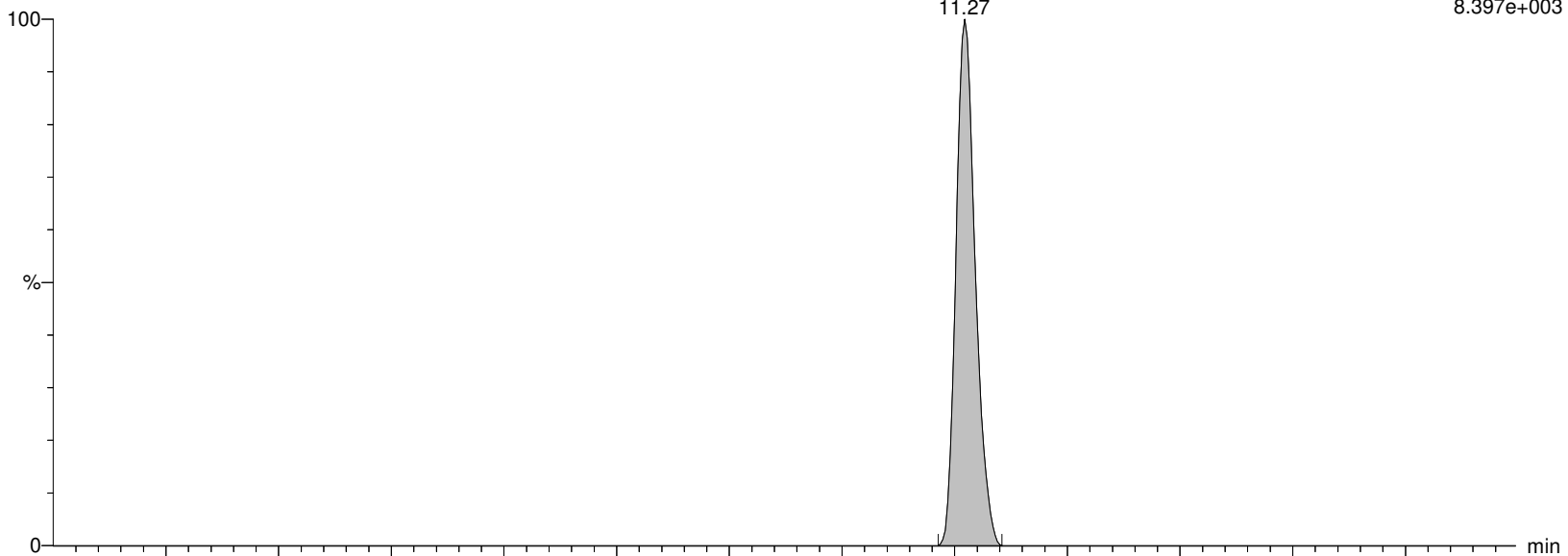
I3797 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F46:MRM of 2 channels,ES-

598.926 > 80.314

8.397e+003



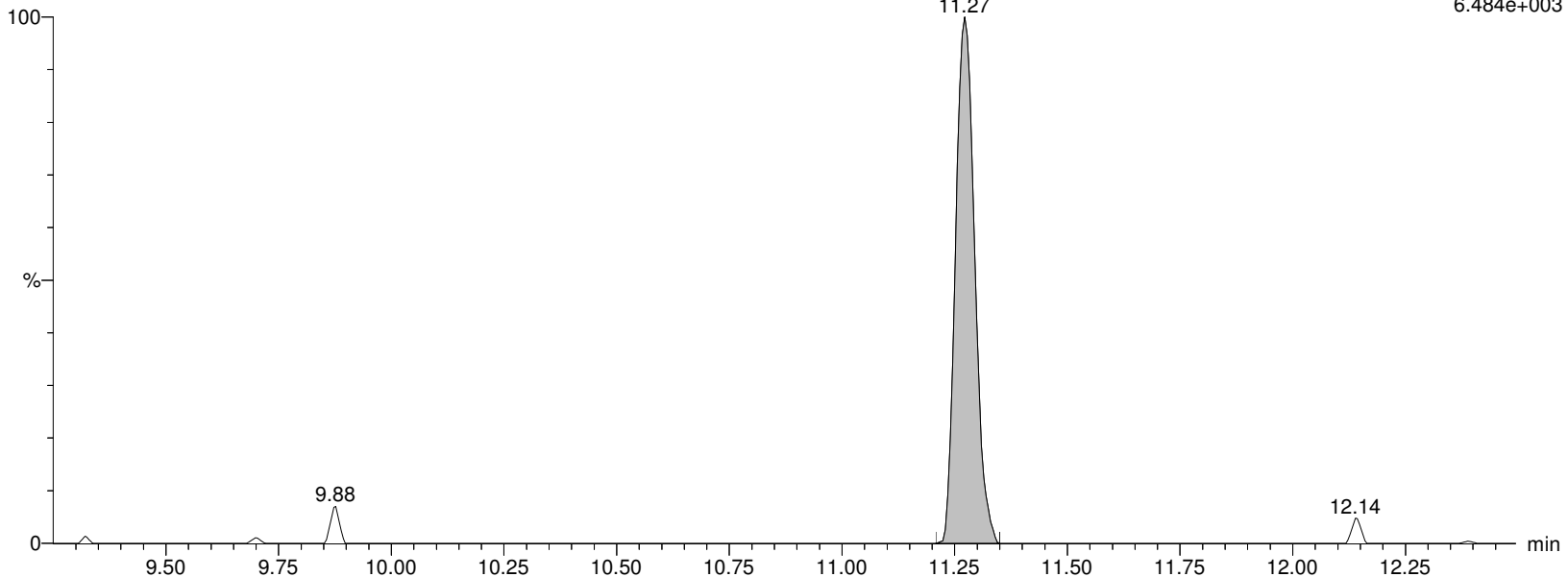
I3797 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F46:MRM of 2 channels,ES-

598.926 > 99.22

6.484e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

FOSA

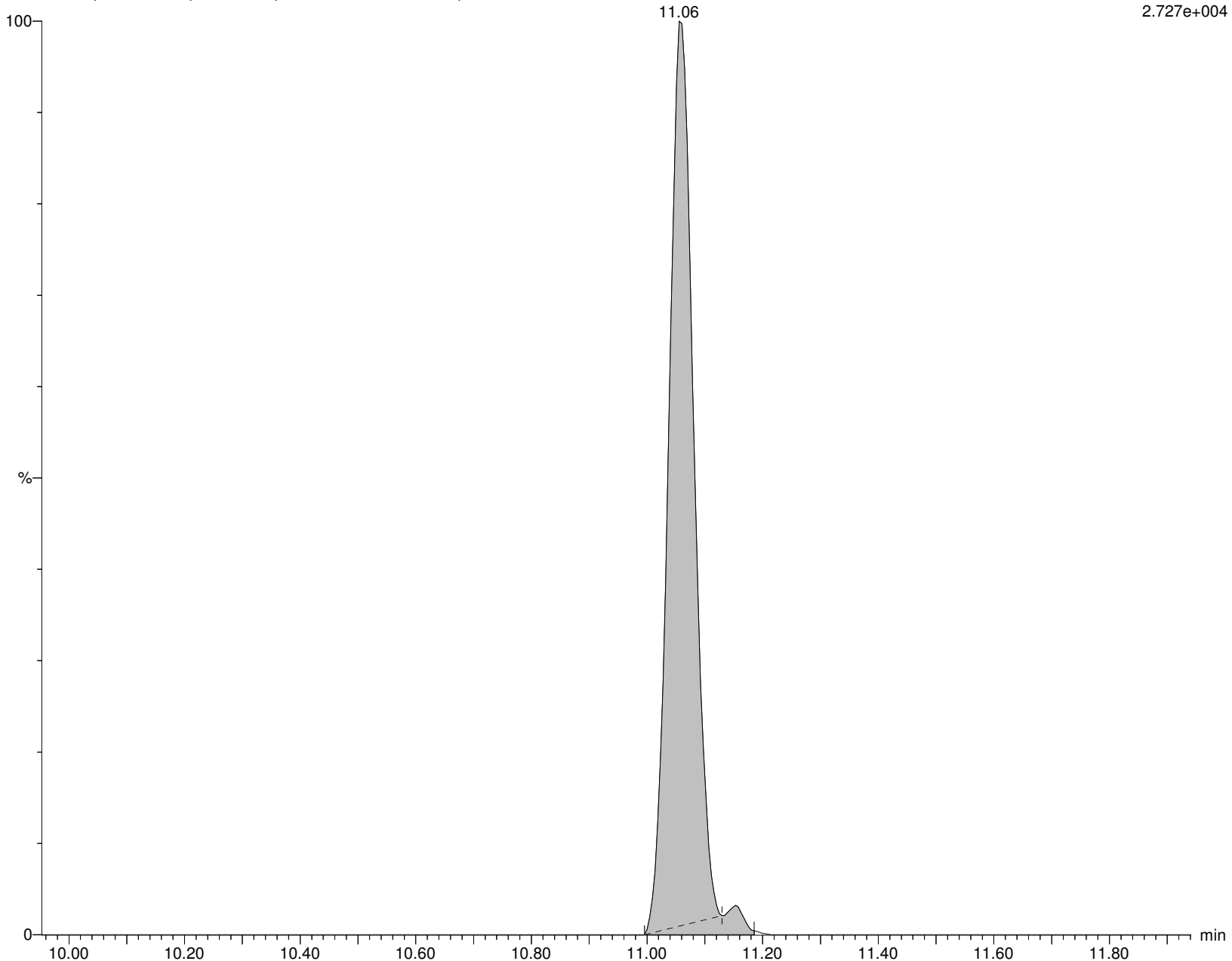
I3797 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F28:MRM of 2 channels,ES-

497.989 > 78.245

2.727e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8FOSA

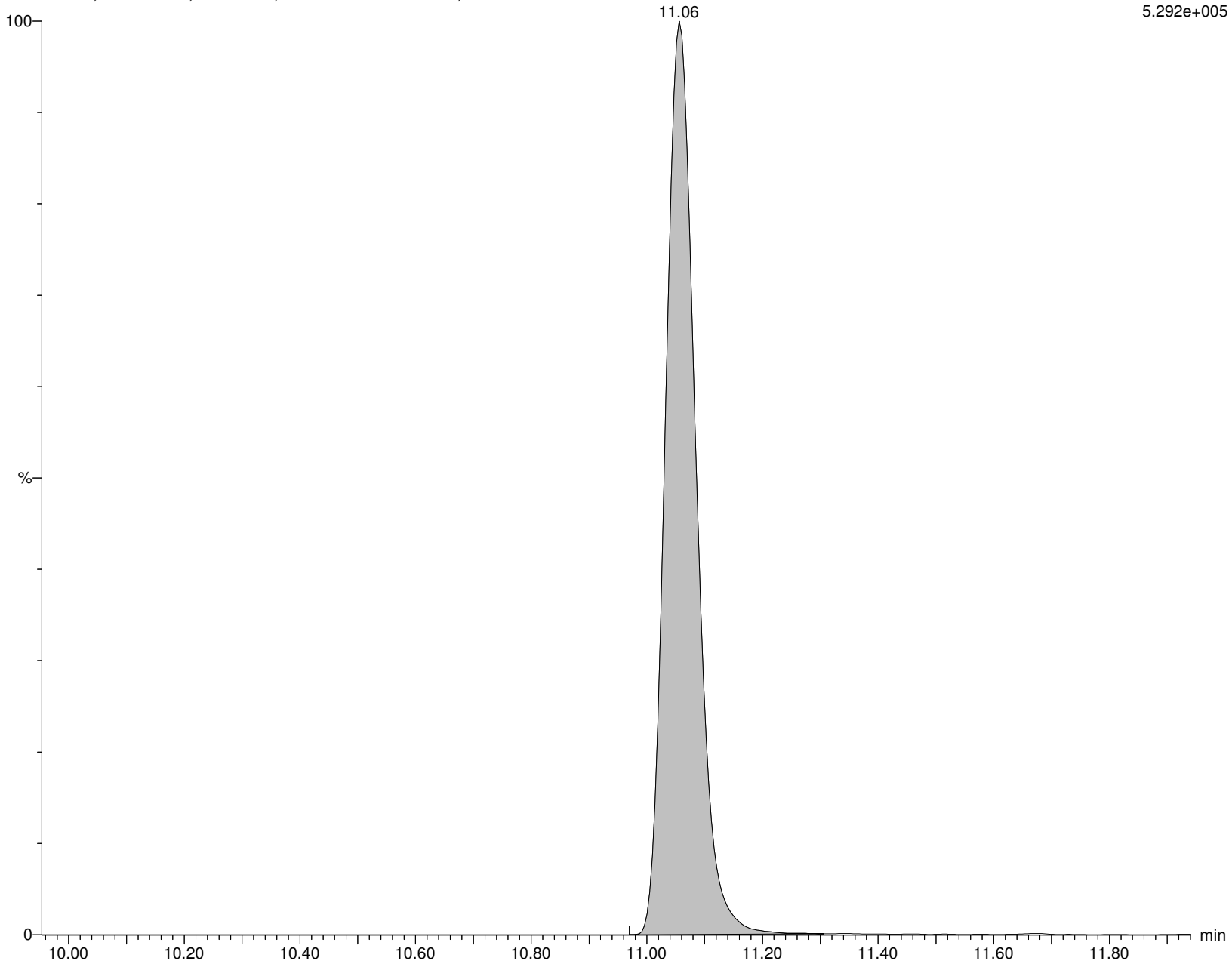
I3797 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F31:MRM of 1 channel,ES-

506.053 > 78.286

5.292e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d5-NEtFOSAA

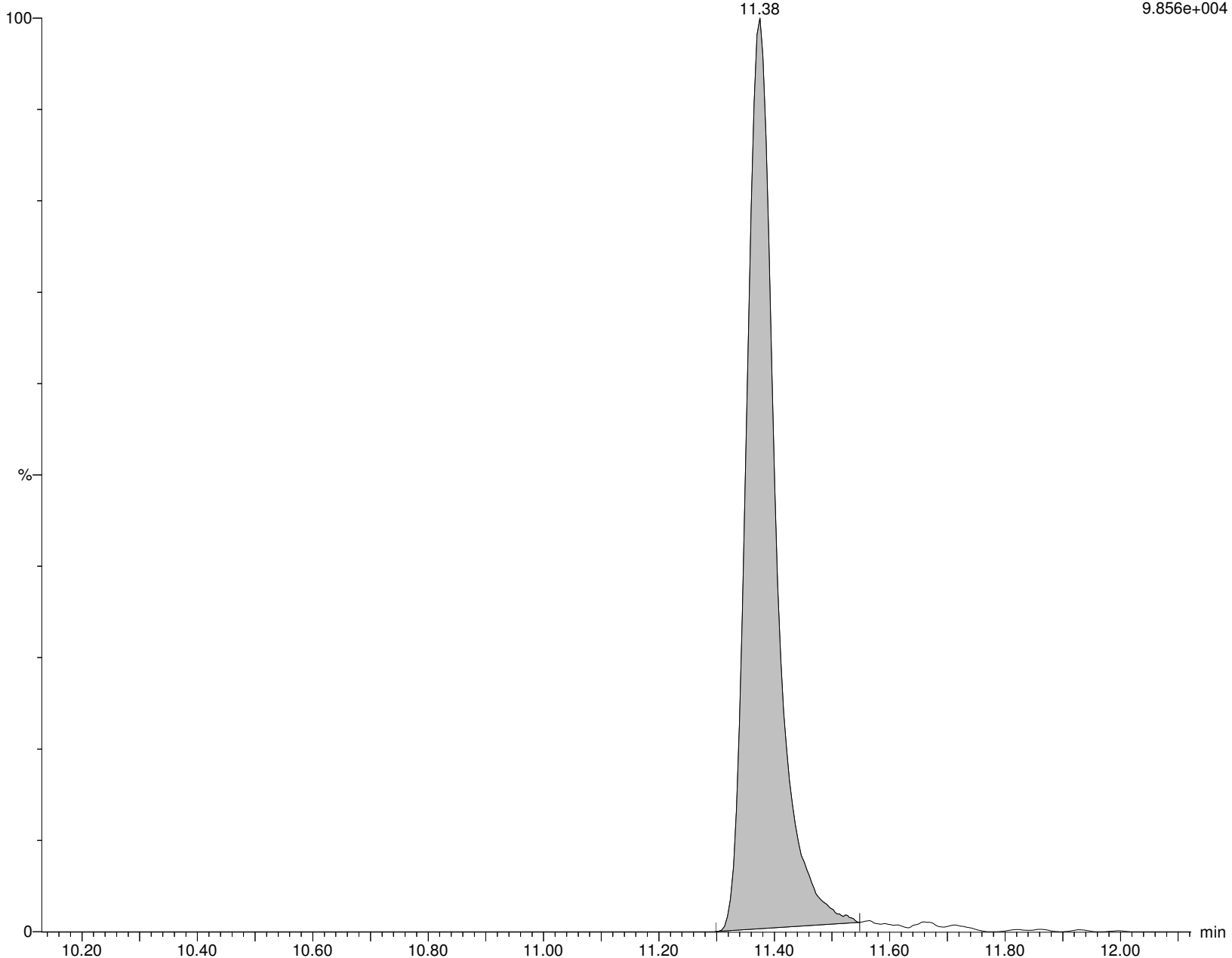
I3797 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F45:MRM of 1 channel,ES-

589.117 > 418.929

9.856e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NEtFOSAA

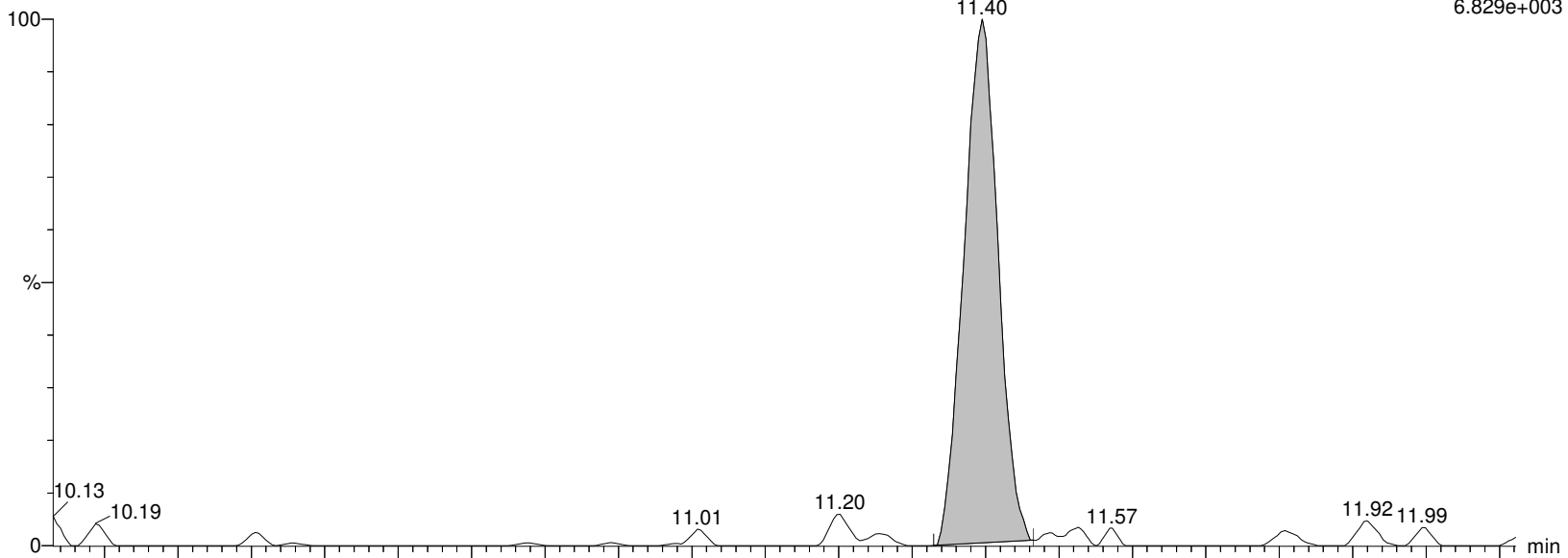
I3797 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F44:MRM of 2 channels,ES-

583.989 > 418.927

6.829e+003



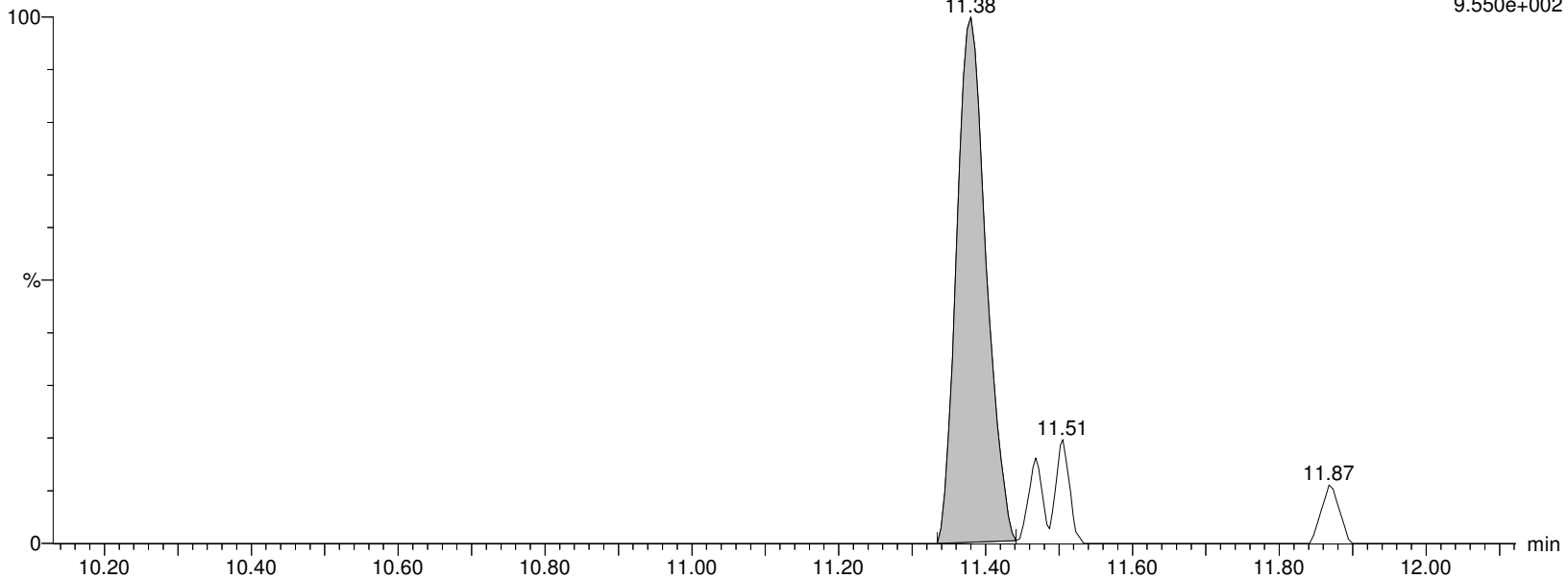
I3797 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F44:MRM of 2 channels,ES-

583.989 > 482.88

9.550e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFD_oA

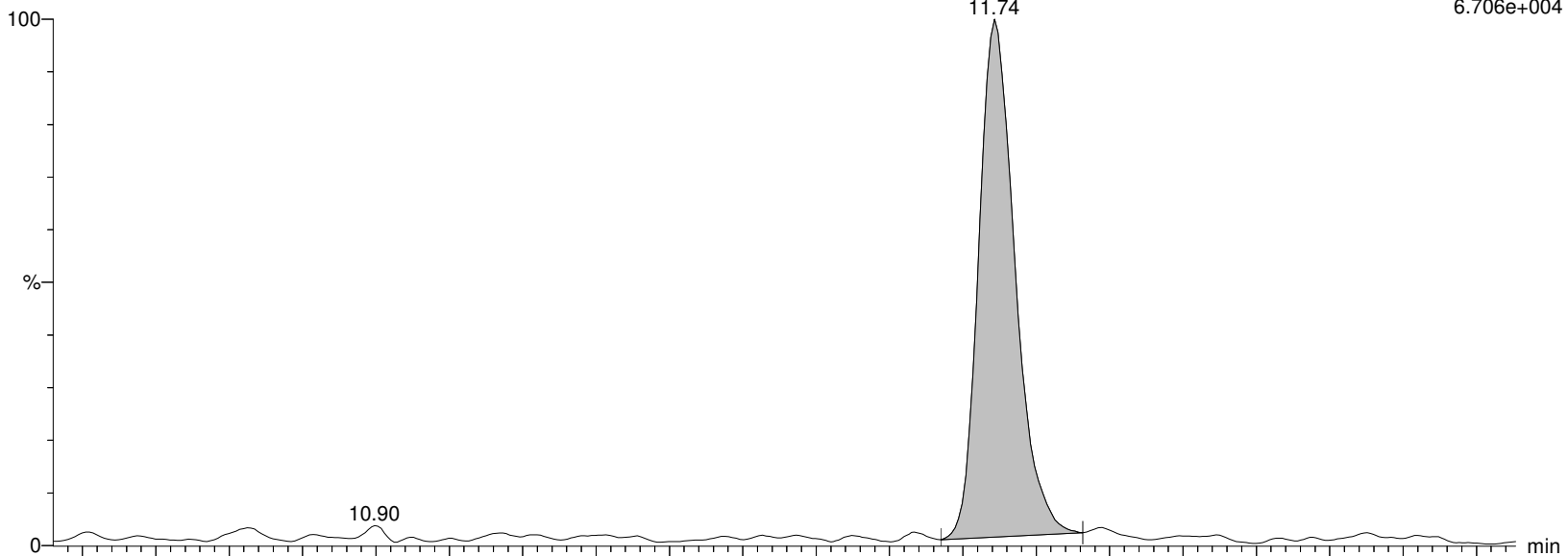
I3797 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F47:MRM of 2 channels,ES-

612.989 > 568.967

6.706e+004



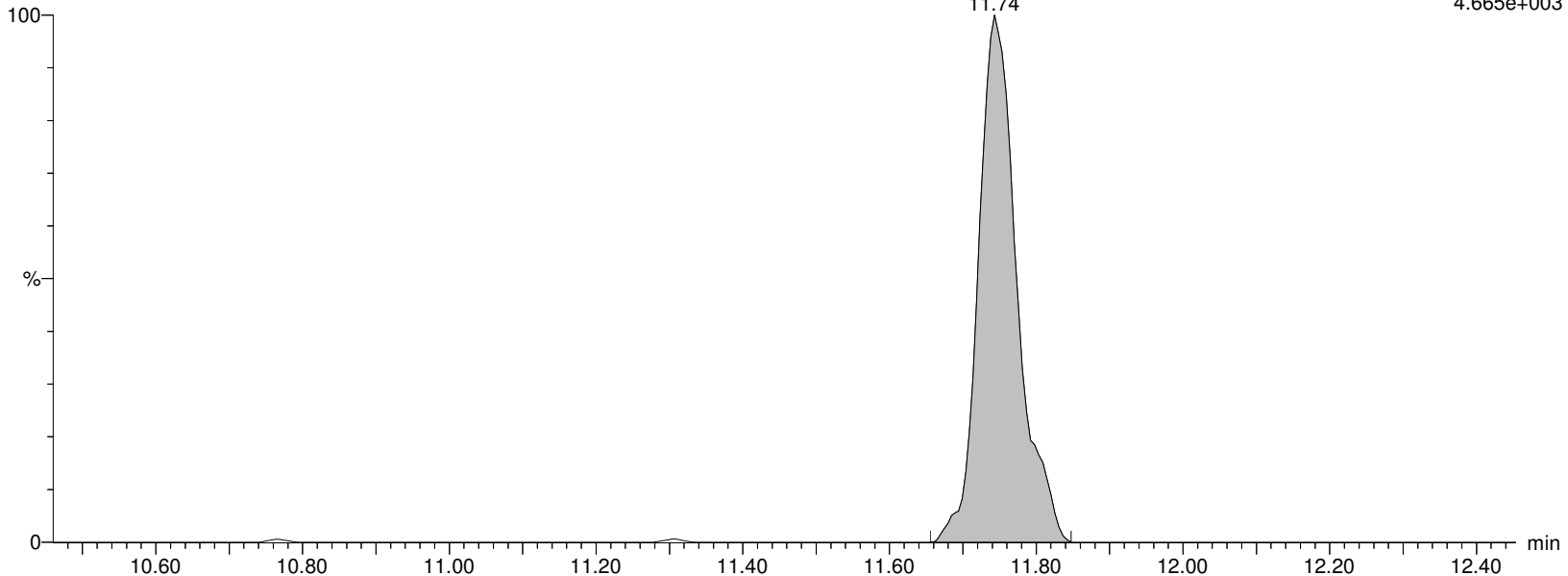
I3797 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F47:MRM of 2 channels,ES-

612.989 > 219.08

4.665e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFDOA

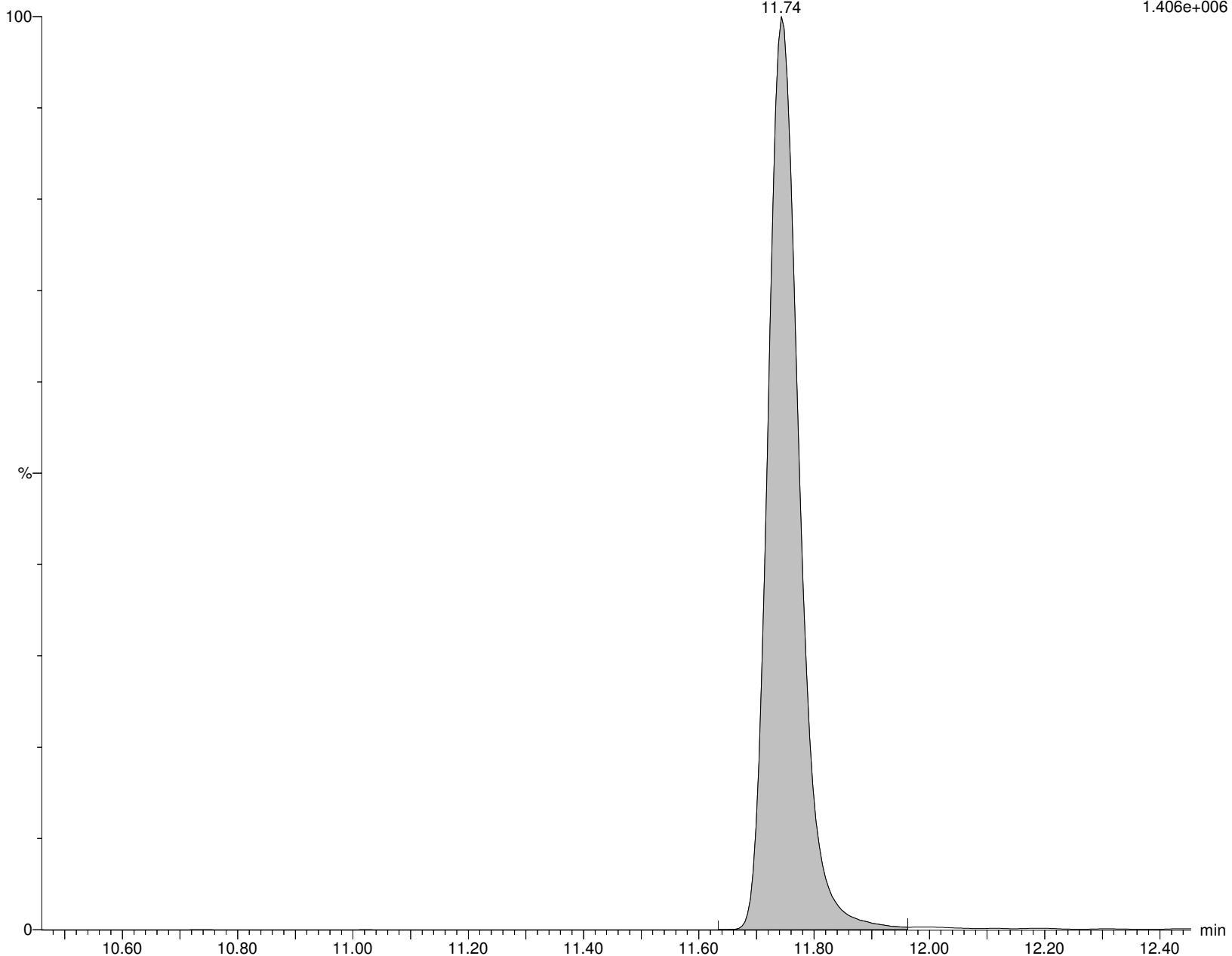
I3797 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F48:MRM of 1 channel,ES-

614.989 > 569.92

1.406e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360, WG1224866, ICAL15513, 537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTTrDA

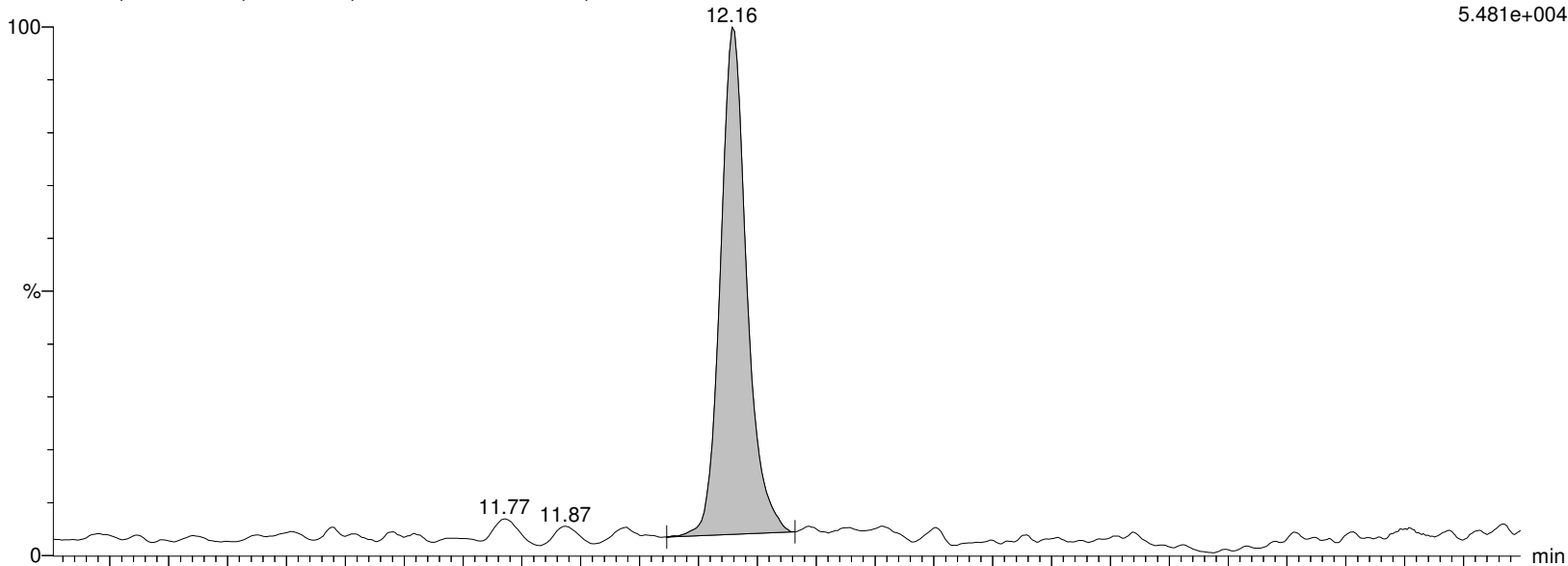
I3797 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513, 537ILOW WG1225360-3,537ILOW PFTTrDA

F51:MRM of 2 channels, ES-

663.053 > 618.969

5.481e+004



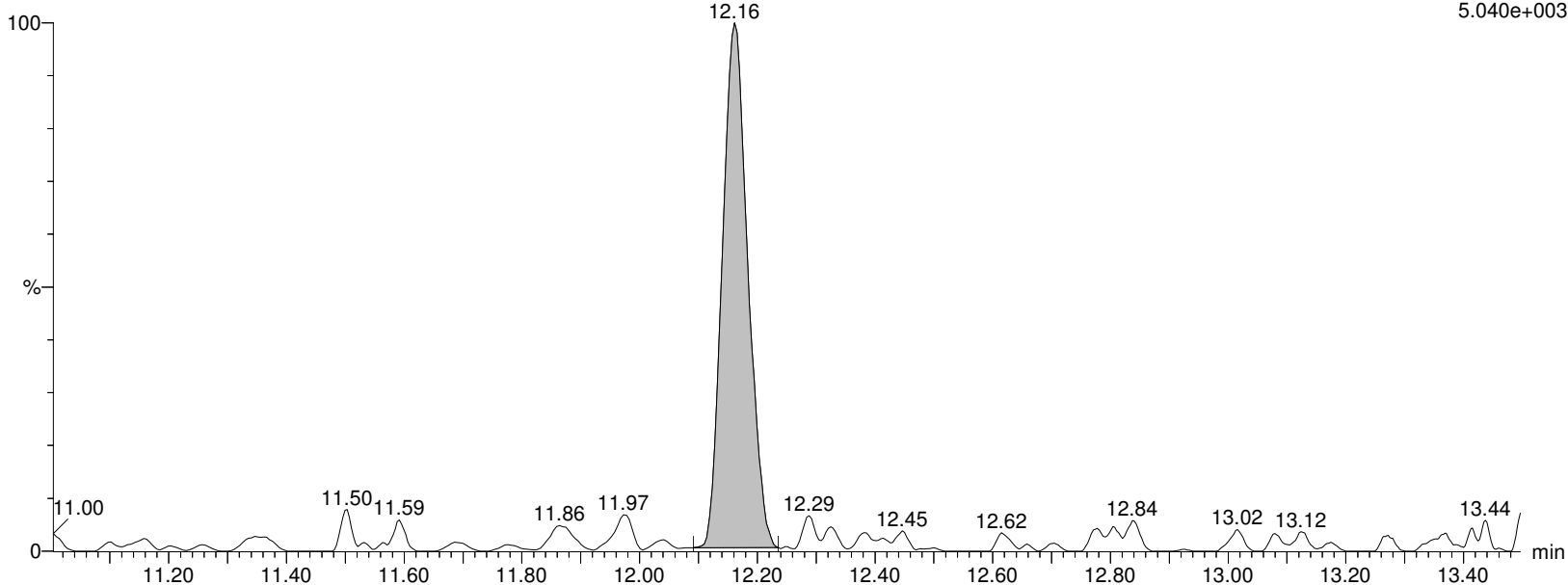
I3797 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513, 537ILOW WG1225360-3,537ILOW PFTTrDA

F51:MRM of 2 channels, ES-

663.053 > 319.02

5.040e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTA

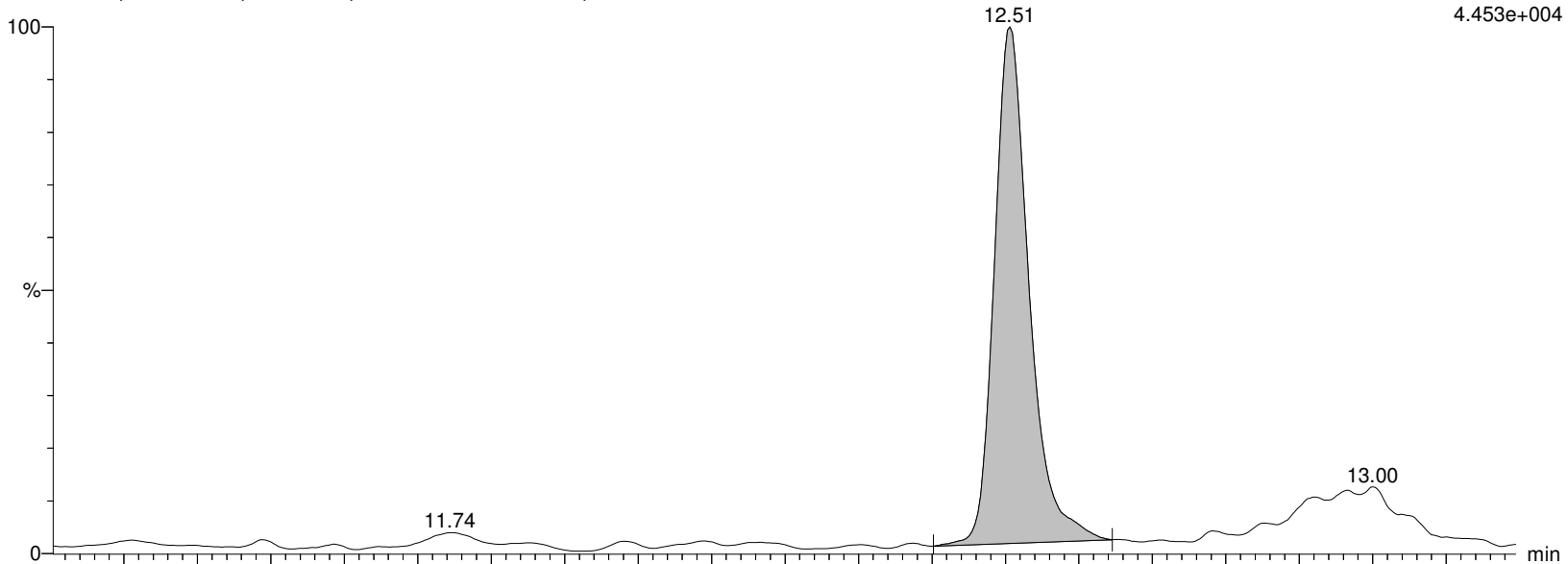
I3797 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F52:MRM of 2 channels,ES-

713.053 > 668.976

4.453e+004



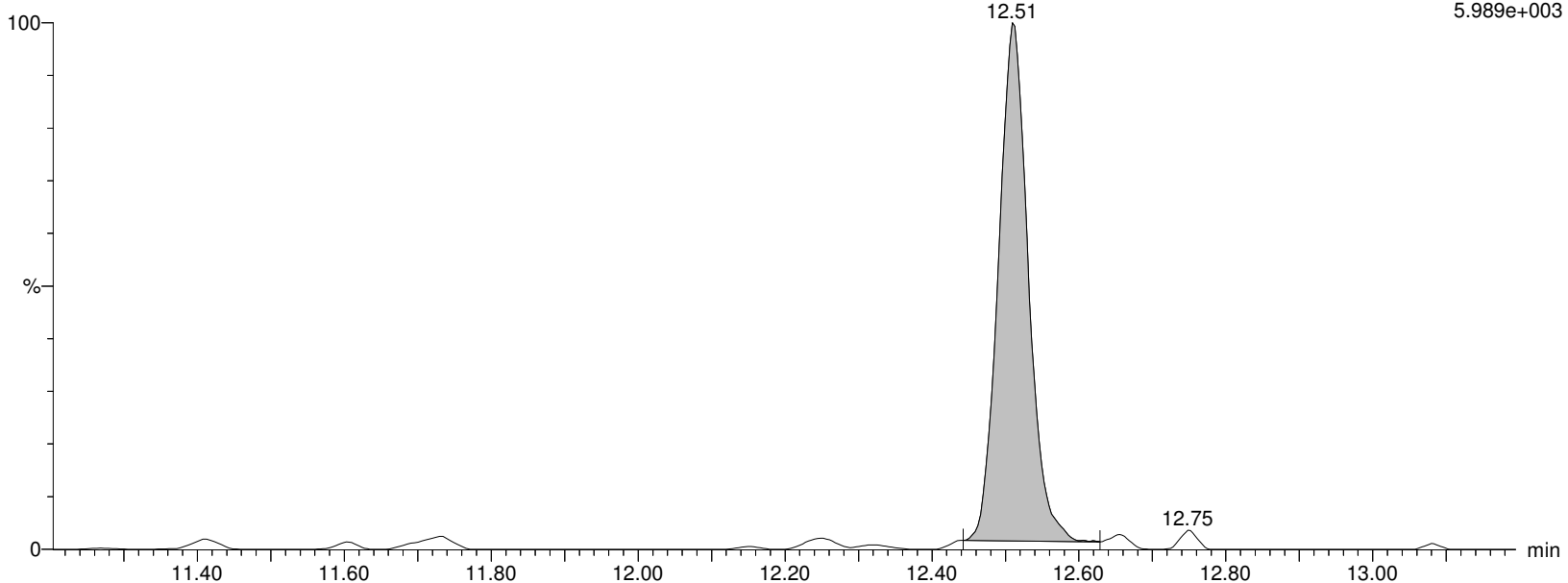
I3797 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F52:MRM of 2 channels,ES-

713.053 > 219.09

5.989e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360B.qld

Last Altered: Thursday, April 11, 2019 16:50:41 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:50:57 Eastern Daylight Time

Name: I3797

ID: WG1225360-3,537ILOW

Date: 11-Apr-2019

Time: 16:33:00

Description: WG1225360,WG1224866,ICAL15513,537ILOW

User: LCMS02:JW

Vial: 2:A,2

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFTEDA

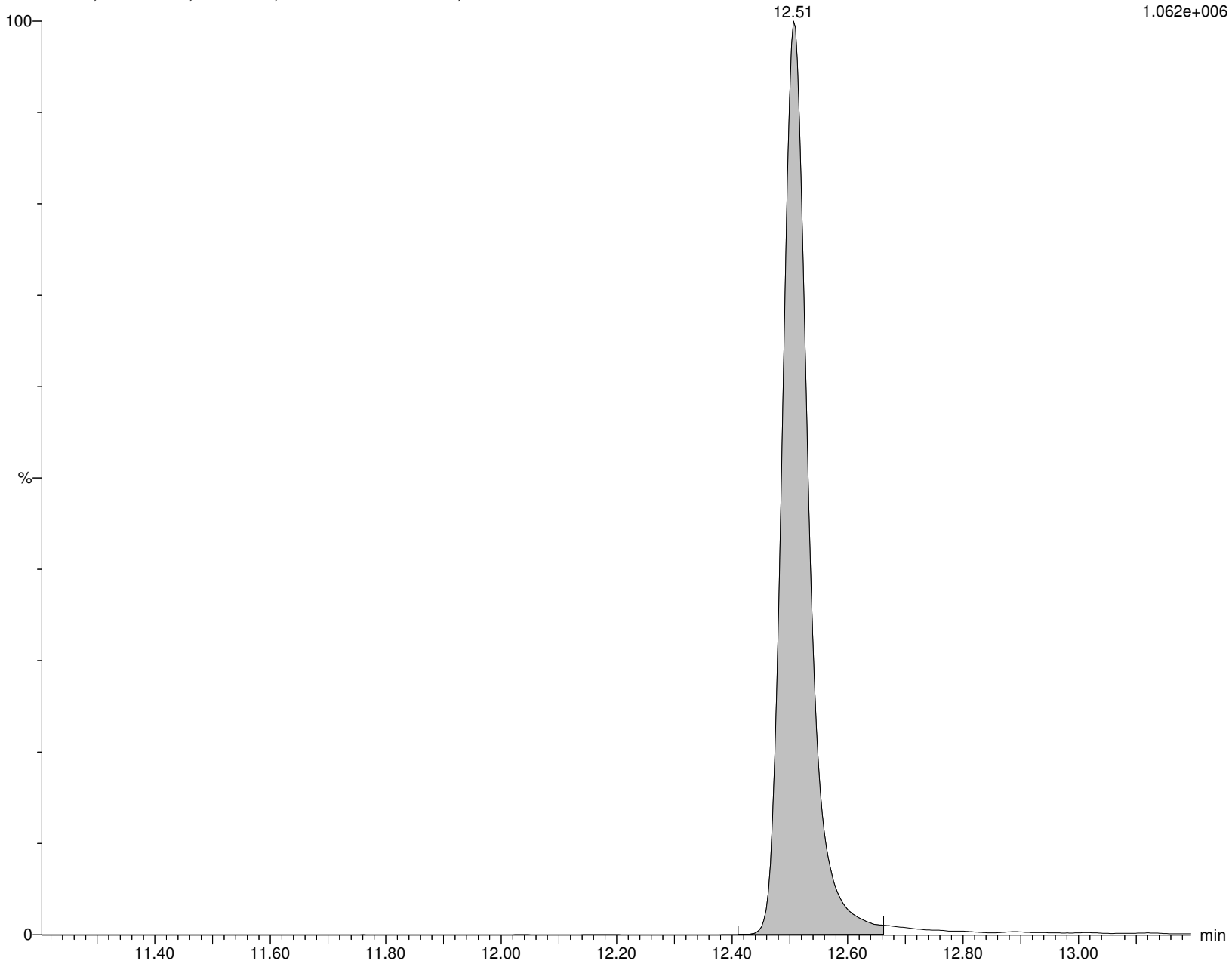
I3797 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513,537ILOW WG1225360-3,537ILOW

F53:MRM of 1 channel,ES-

715.053 > 669.945

1.062e+006



Semivolatiles Raw QC Data

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Method: C:\MassLynx\Data\2019\190411_537ISO.PRO\MethDB\537ISO_Q_190215_RT.mdb 10 Apr 2019 16:27:50

Calibration: C:\MassLynx\Data\2019\190411_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 08:45:17

ID: WG1224866-1

Name: I3776

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:JW

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4		212.926 > 169.111			ND		na	
2	M3PFBA	INT STD	2.35	215.926 > 172.122	51259		10.799		na	108.0
3	MPFBA	INT STD	2.35	216.926 > 172.137	53931		9.739		na	97.4
4	PFPeA	2706-90-3		262.926 > 219.002			ND		na	
5	M5PFPEA	INT STD	5.25	267.989 > 223.081	65896		9.566		na	95.7
6	PFBS	375-73-5		298.989 > 80.295			ND		na	
7	M3PFBS	INT STD	5.88	301.989 > 80.254	12232		9.326		na	93.3
8	4:2FTS	757124-72-4		326.926 > 306.957			ND		YES	
9	M2-4:2FTS	INT STD	7.05	329.117 > 309.079	5110		8.397		na	84.0
10	PFHxA	307-24-4		312.989 > 269.028			ND		YES	
11	M5PFHxA	INT STD	7.13	317.989 > 273.045	78218		9.961		na	99.6
12	PFPeS	2706-91-4		348.926 > 80.251			ND		YES	
13	PFHpA	375-85-9		362.926 > 319.014			ND		YES	
14	M4PFHpA	INT STD	8.40	366.926 > 321.979	98603		9.720		na	97.2
15	br-PFHxS	355-46-4		398.926 > 80.295			ND		YES	
16	L-PFHxS	355-46-4		398.926 > 80.295			ND		YES	
17	PFHxS	355-46-4		398.926 > 80.295	0		ND		na	
18	M3PFHxS	INT STD	8.56	401.926 > 80.317	8074		8.697		na	87.0
19	br-PFOA	335-67-1		412.989 > 368.9			ND		YES	
20	L-PFOA	335-67-1		412.989 > 368.9			ND		YES	
21	M2PFOA	INT STD	9.35	415.032 > 369.968	94453		9.537		na	95.4
22	PFOA	335-67-1		412.989 > 368.9	0		ND		na	
23	M8PFOA	INT STD	9.35	420.989 > 375.979	86512		9.537		na	95.4
24	6:2FTS	27619-97-2		426.989 > 406.921			ND		na	
25	M2-6:2FTS	INT STD	9.30	428.989 > 408.917	4899		8.015		na	80.2
26	PFHpS	375-92-8		448.926 > 80.257			ND		YES	
27	PFNA	375-95-1		462.989 > 418.931			ND		YES	
28	M9PFNA	INT STD	10.10	472.053 > 426.947	84305		9.773		na	97.7
29	br-PFOS	1763-23-1		498.989 > 80.294			ND		YES	
30	L-PFOS	1763-23-1		498.989 > 80.294			ND		YES	
31	PFOS	1763-23-1		498.989 > 80.294	0		ND		na	
32	M4PFOS	INT STD	10.15	503.032 > 80.306	10544		11.404		na	114.0
33	M8PFOS	INT STD	10.15	507.053 > 80.294	9288		8.761		na	87.6
34	PFDA	335-76-2		513.053 > 468.906			ND		YES	
35	M2PFDA	INT STD	10.73	515.053 > 469.934	81709		10.832		na	108.3
36	M6PFDA	INT STD	10.73	519.053 > 473.931	77788		8.895		na	88.9
37	8:2FTS	39108-34-4		526.989 > 506.946			ND		na	
38	M2-8:2FTS	INT STD	10.72	529.053 > 508.945	3091		9.188		na	91.9
39	PFNS	68259-12-1		548.989 > 80.249			ND		YES	

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

ID: WG1224866-1

Name: I3776

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:JW

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	11.10	573.096 > 418.987	6164		7.412		na	74.1
41	NMeFOSAA	2355-31-9		570.053 > 418.917			ND		na	
42	PfUnA	2058-94-8		562.989 > 518.903			ND		YES	
43	M7-PFUDA	INT STD	11.28	570.053 > 524.923	68404		9.326		na	93.3
44	PFDS	335-77-3		598.926 > 80.314			ND		YES	
45	FOSA	754-91-6		497.989 > 78.245			ND		na	
46	M8FOSA	INT STD	11.07	506.053 > 78.286	15420		5.615		na	56.1
47	d5-NEtFOSAA	INT STD	11.38	589.117 > 418.929	5809		7.720		na	77.2
48	NEtFOSAA	2991-50-6		583.989 > 418.927			ND		YES	
49	PFDaA	307-55-1		612.989 > 568.967			ND		YES	
50	MPFDOA	INT STD	11.75	614.989 > 569.92	70163		8.338		na	83.4
51	PFTTrDA	72629-94-8		663.053 > 618.969			ND		YES	
52	PFTA	376-06-7		713.053 > 668.976			ND		YES	
53	M2PFTEDA	INT STD	12.51	715.053 > 669.945	54819		9.783		na	97.8
54	M3HFPO-DA	INT STD		331.989 > 286.995			ND		na	
55	HFPO-DA	13252-13-6		328.989 > 284.982			ND		na	
56	ADONA	958445-44-8	8.61	376.926 > 251.005	5		0.000		YES	
57	PFHxDA		12.88	813.053 > 769.005	499		0.226		na	
58	PFODA		13.07	912.989 > 869.032	89		0.042		na	
59	M2PFHxDA		12.88	815.372 > 770.158	5587		5.216		na	52.2
60	10:2FTS			626.862 > 606.896			ND		na	
61	9CL-PF3ONS			530.862 > 350.843			ND		na	
62	11CL-PFOUdS			630.862 > 450.854			ND		na	

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Method: C:\MassLynx\Data\2019\190411_537ISO.PRO\MethDB\537ISO_Q_190215_RT.mdb 10 Apr 2019 16:27:50

Calibration: C:\MassLynx\Data\2019\190411_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 08:45:17

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBA

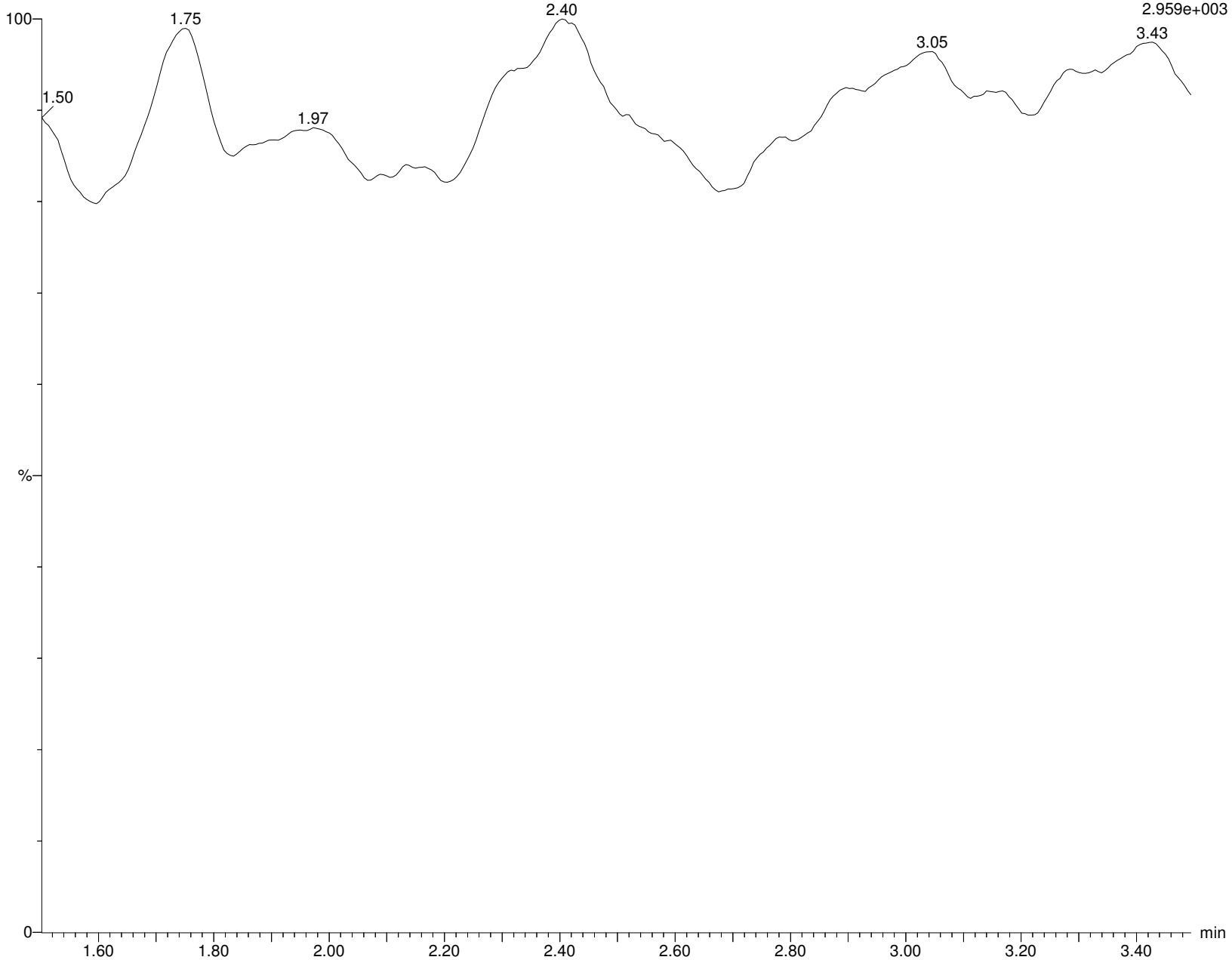
I3776 Smooth(Mn,2x5)

WG1225360, WG1224866, ICAL15513 WG1224866-1

F1:MRM of 1 channel,ES-

212.926 > 169.111

2.959e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBA

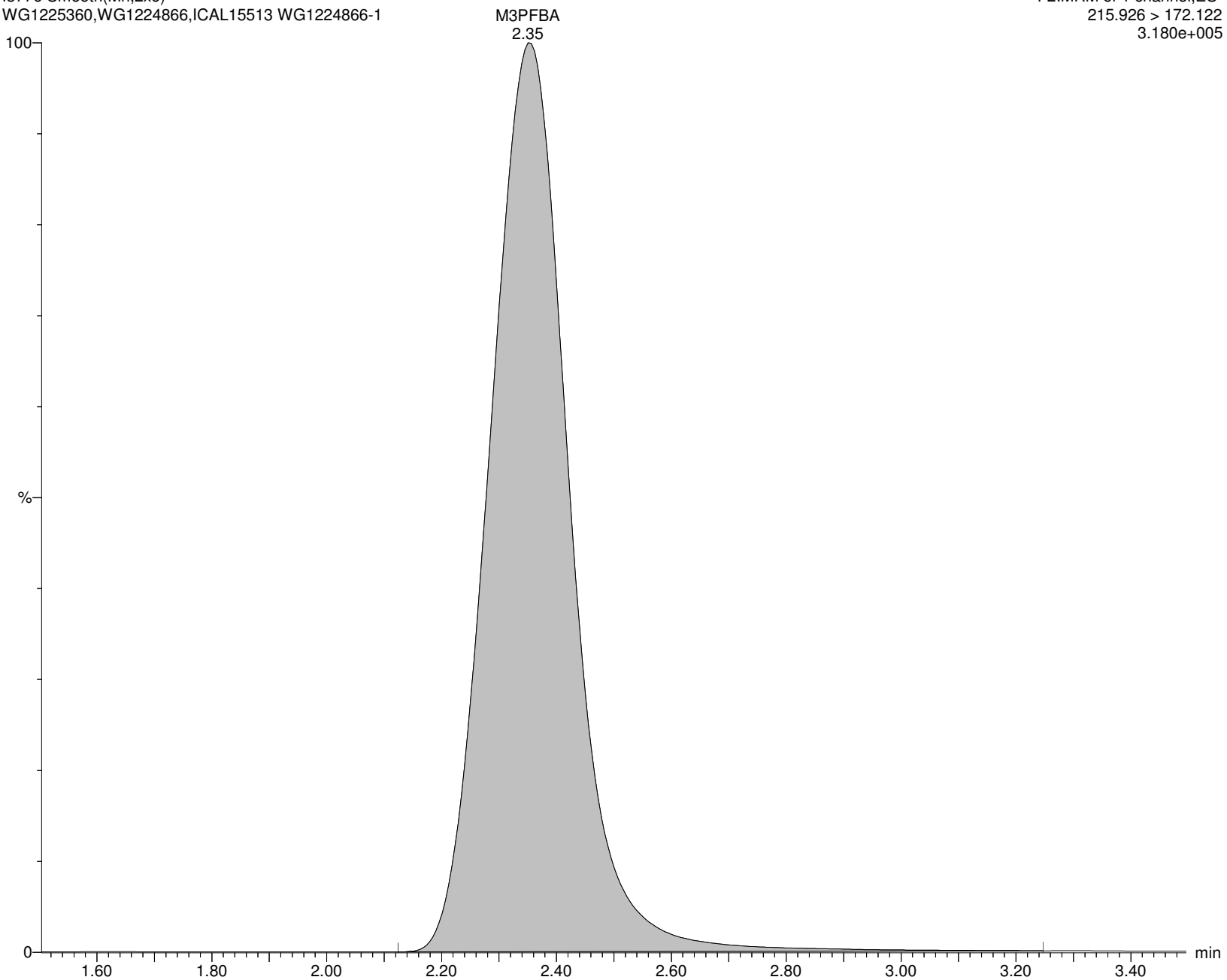
I3776 Smooth(Mn,2x6)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F2:MRM of 1 channel,ES-

215.926 > 172.122

3.180e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFBA

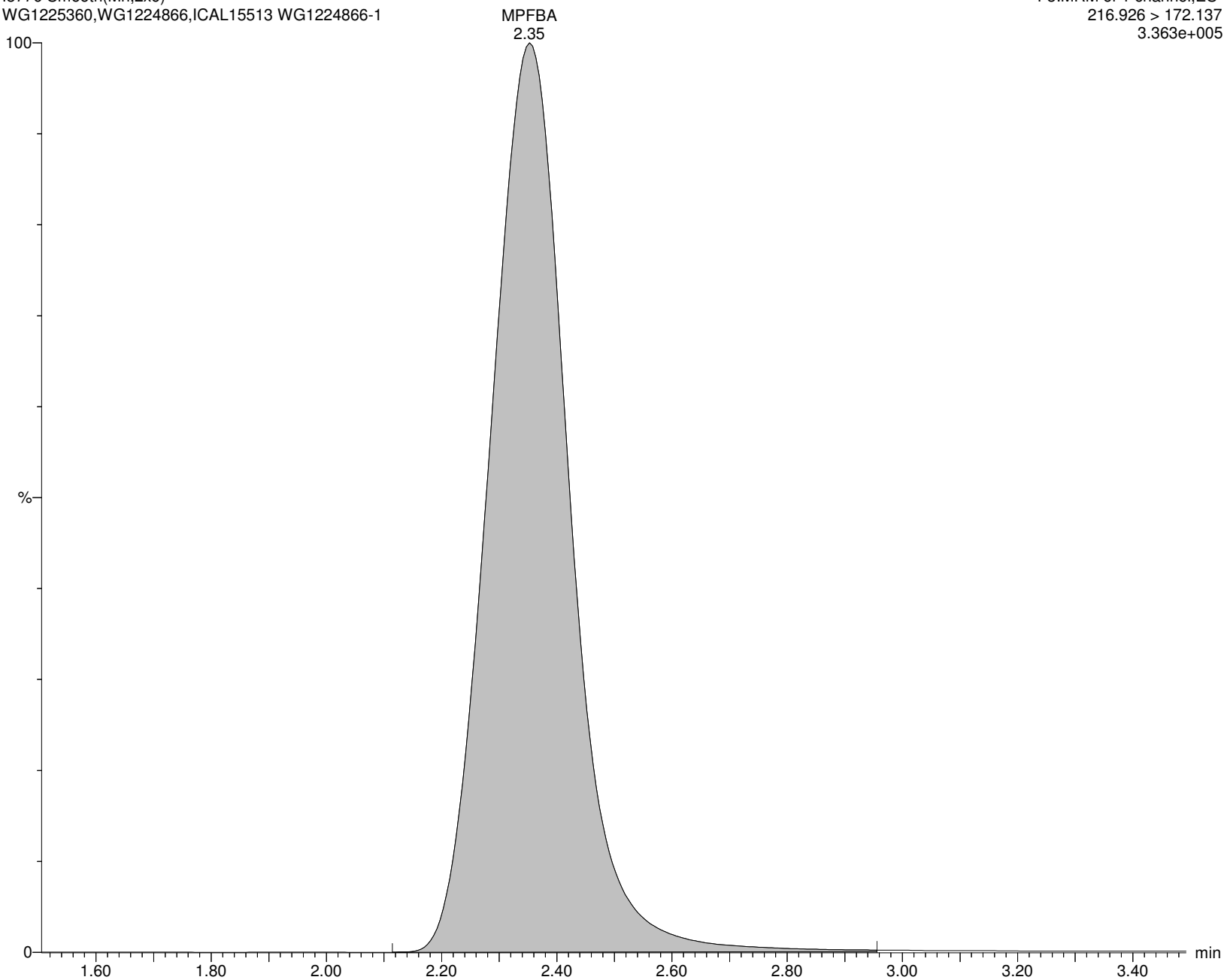
I3776 Smooth(Mn,2x6)

WG1225360, WG1224866, ICAL15513 WG1224866-1

F3:MRM of 1 channel, ES-

216.926 > 172.137

3.363e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeA

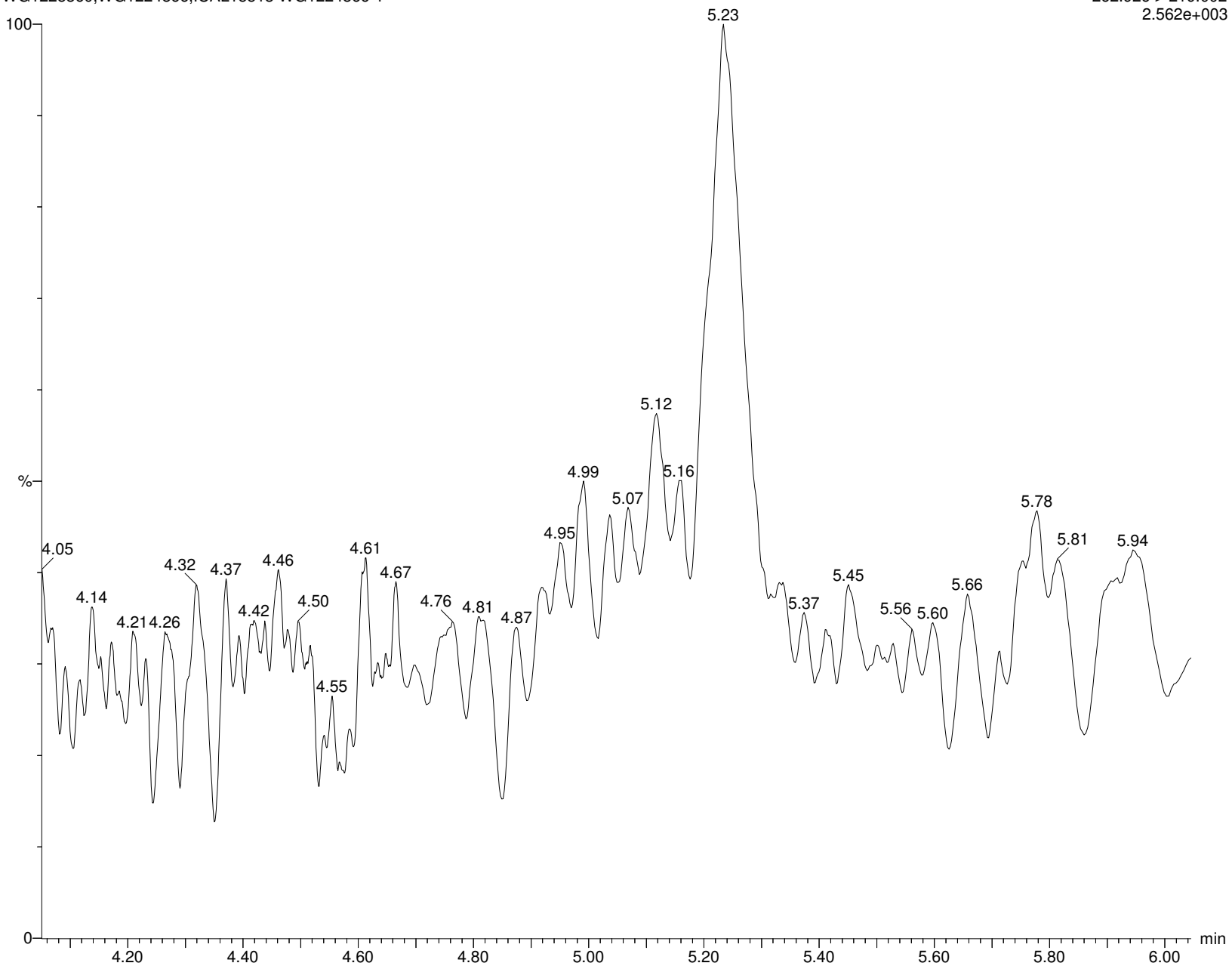
I3776 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F4:MRM of 2 channels,ES-

262.926 > 219.002

2.562e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFPEA

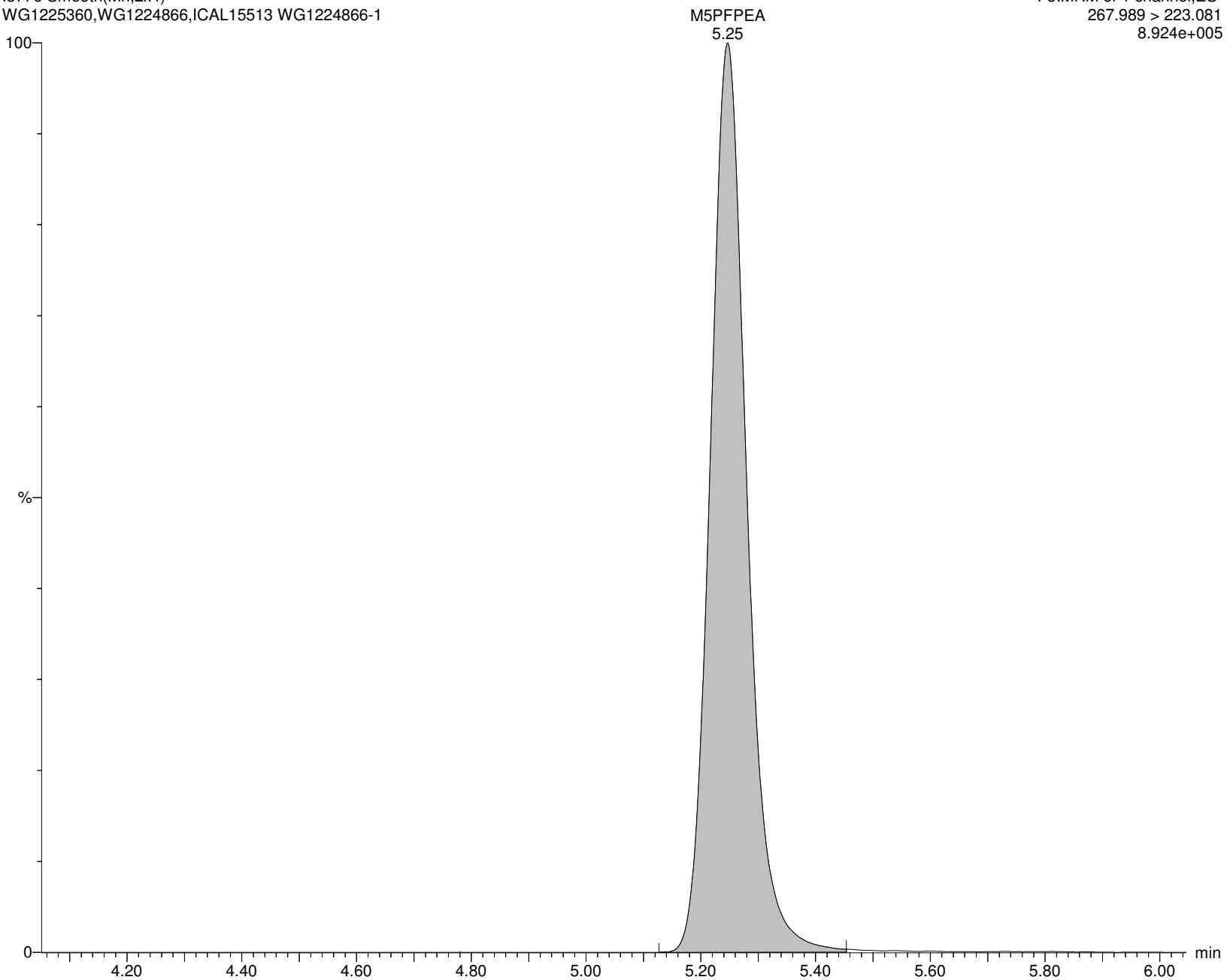
I3776 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F5:MRM of 1 channel,ES-

267.989 > 223.081

8.924e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBS

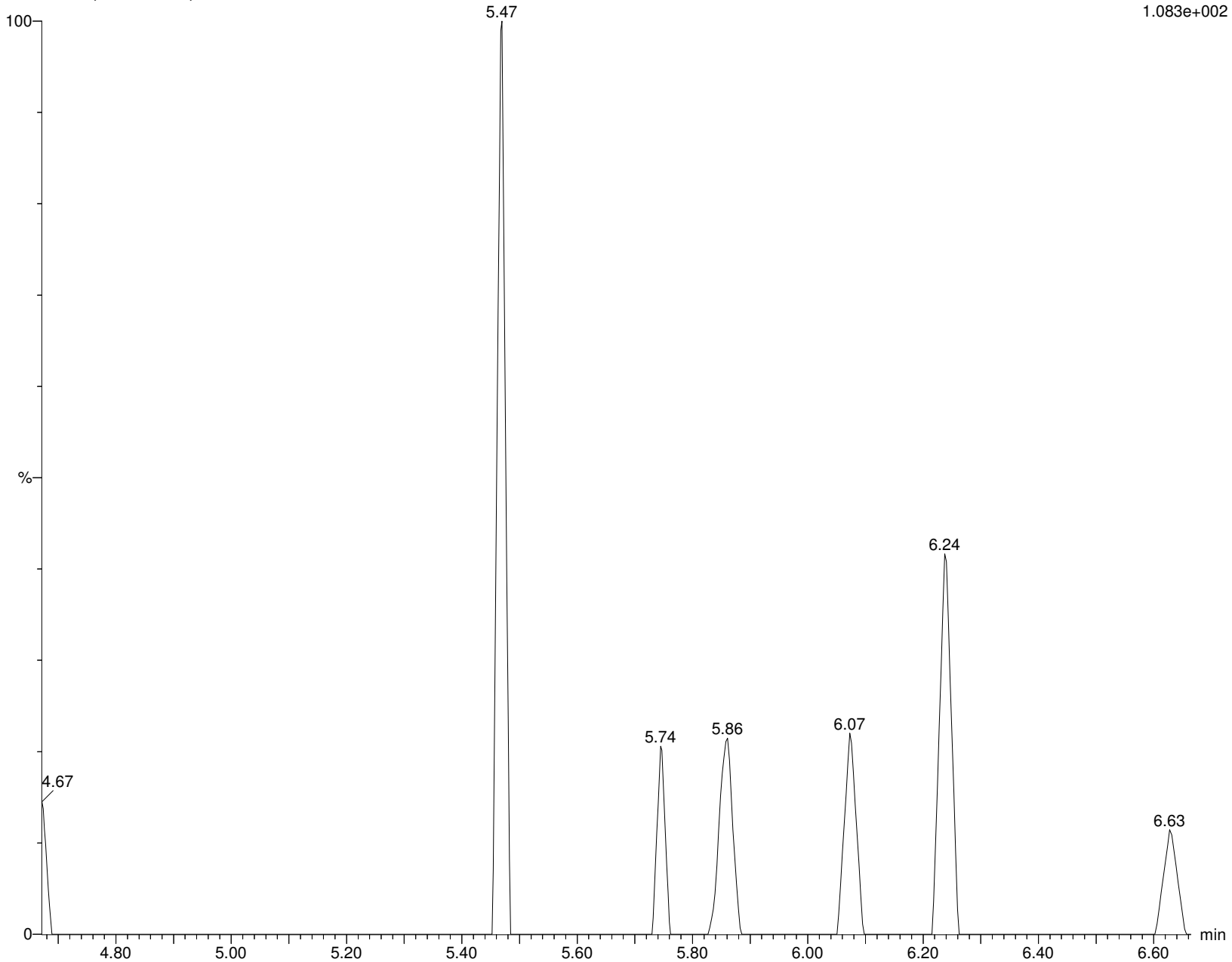
I3776 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 WG1224866-1

F6:MRM of 2 channels, ES-

298.989 > 80.295

1.083e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBS

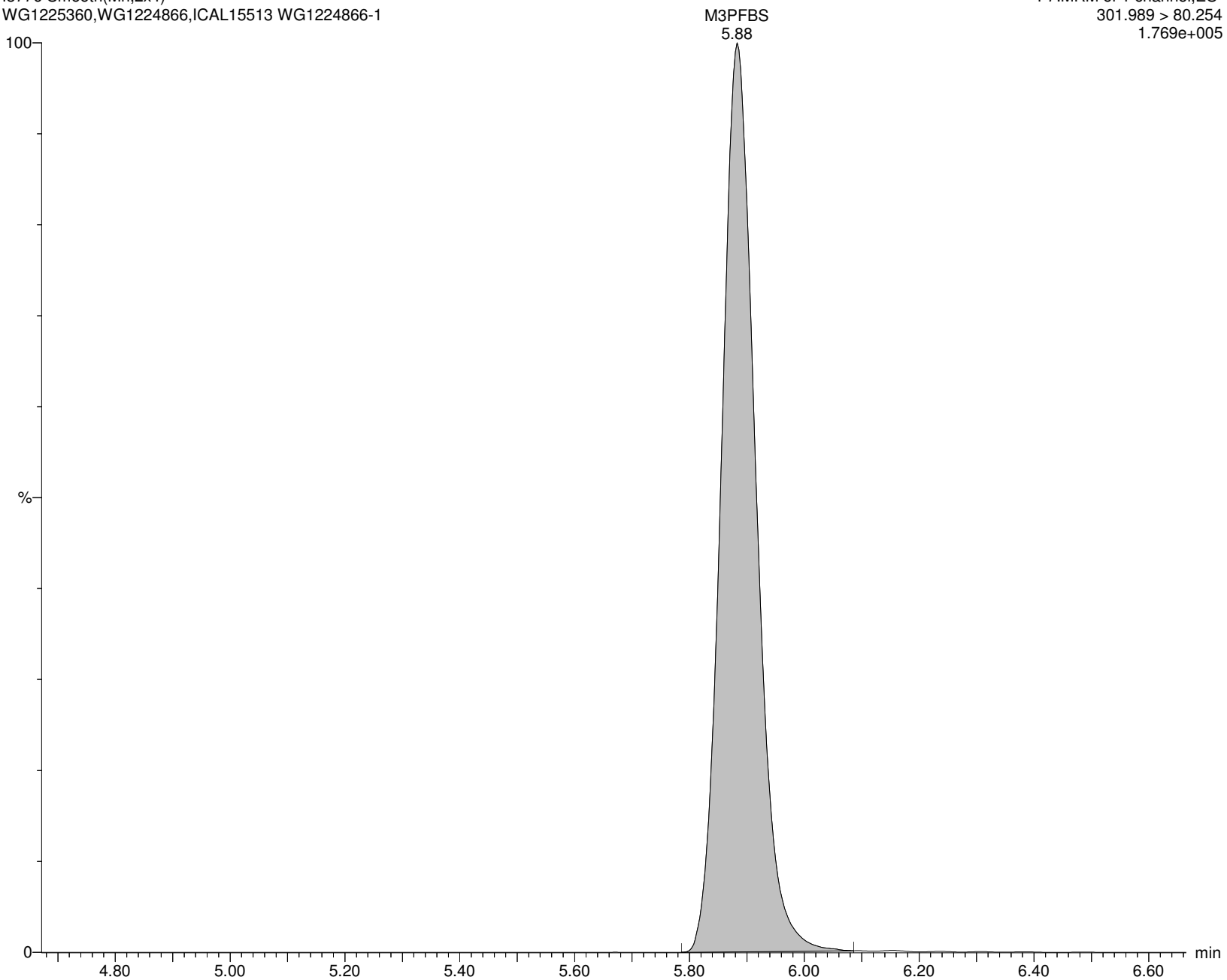
I3776 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F7:MRM of 1 channel,ES-

301.989 > 80.254

1.769e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

4:2FTS

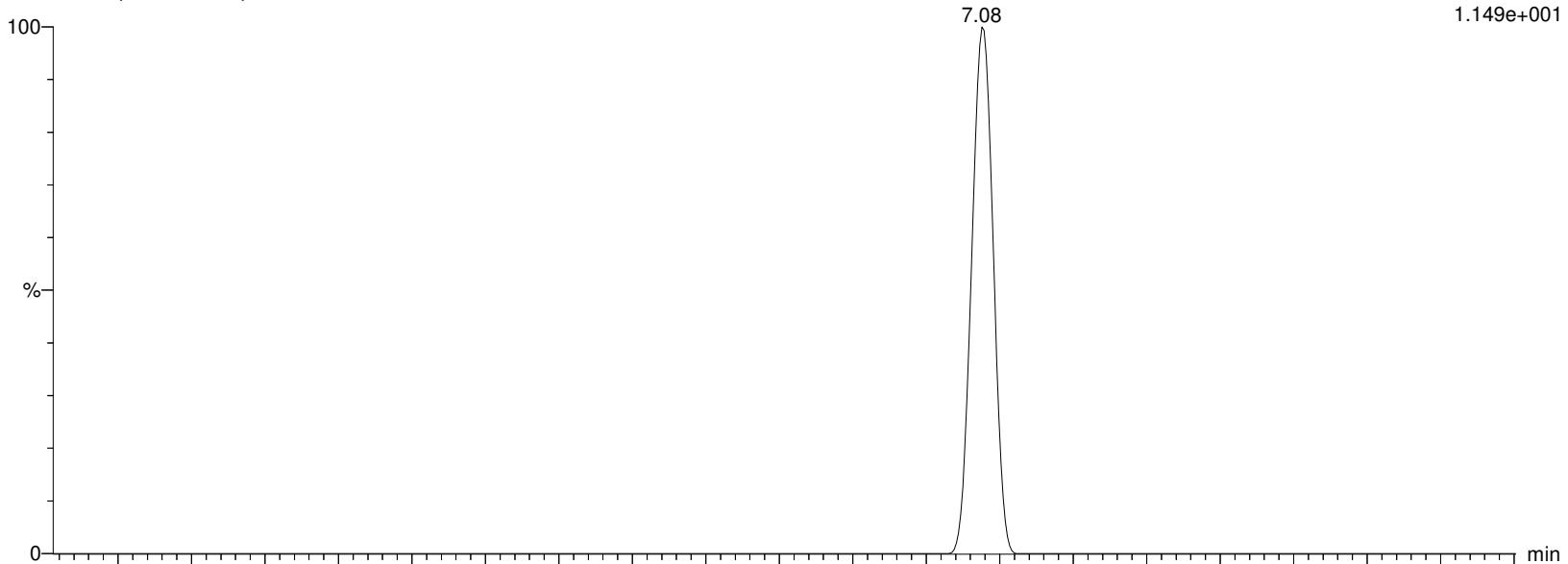
I3776 Smooth(Mn,5x3)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F10:MRM of 2 channels,ES-

326.926 > 306.957

1.149e+001



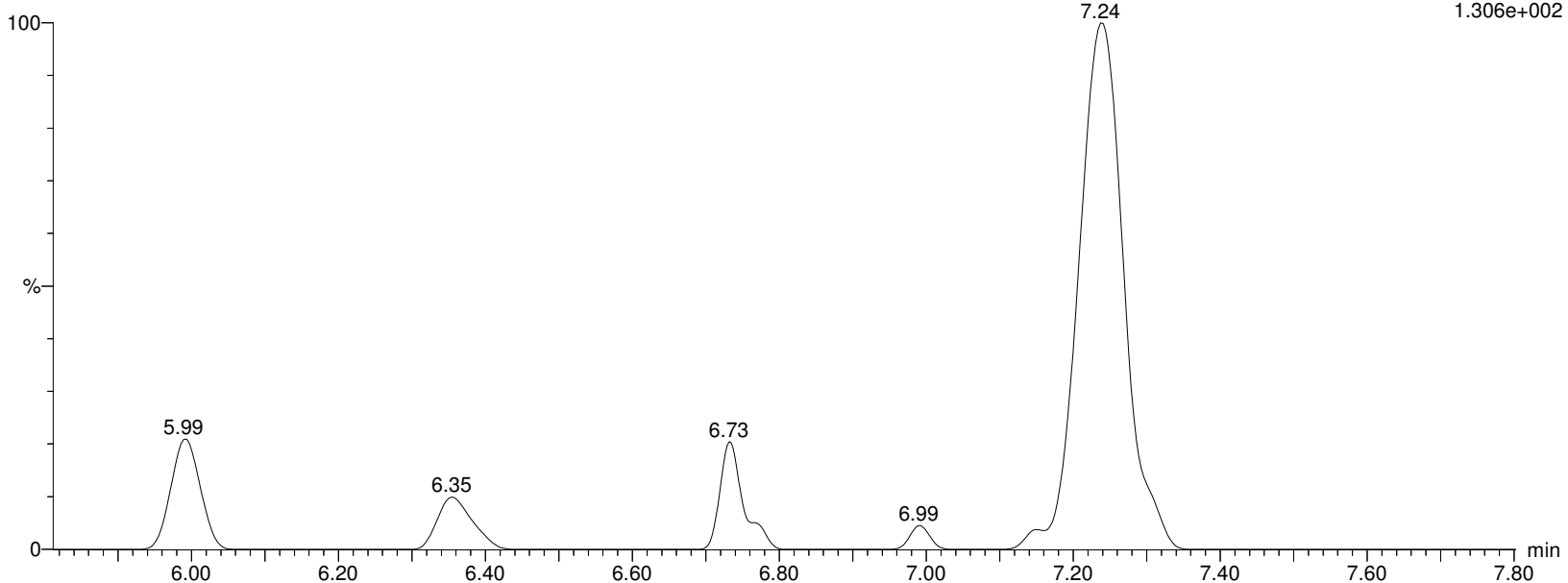
I3776 Smooth(Mn,5x3)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F10:MRM of 2 channels,ES-

326.926 > 81.02

1.306e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-4:2FTS

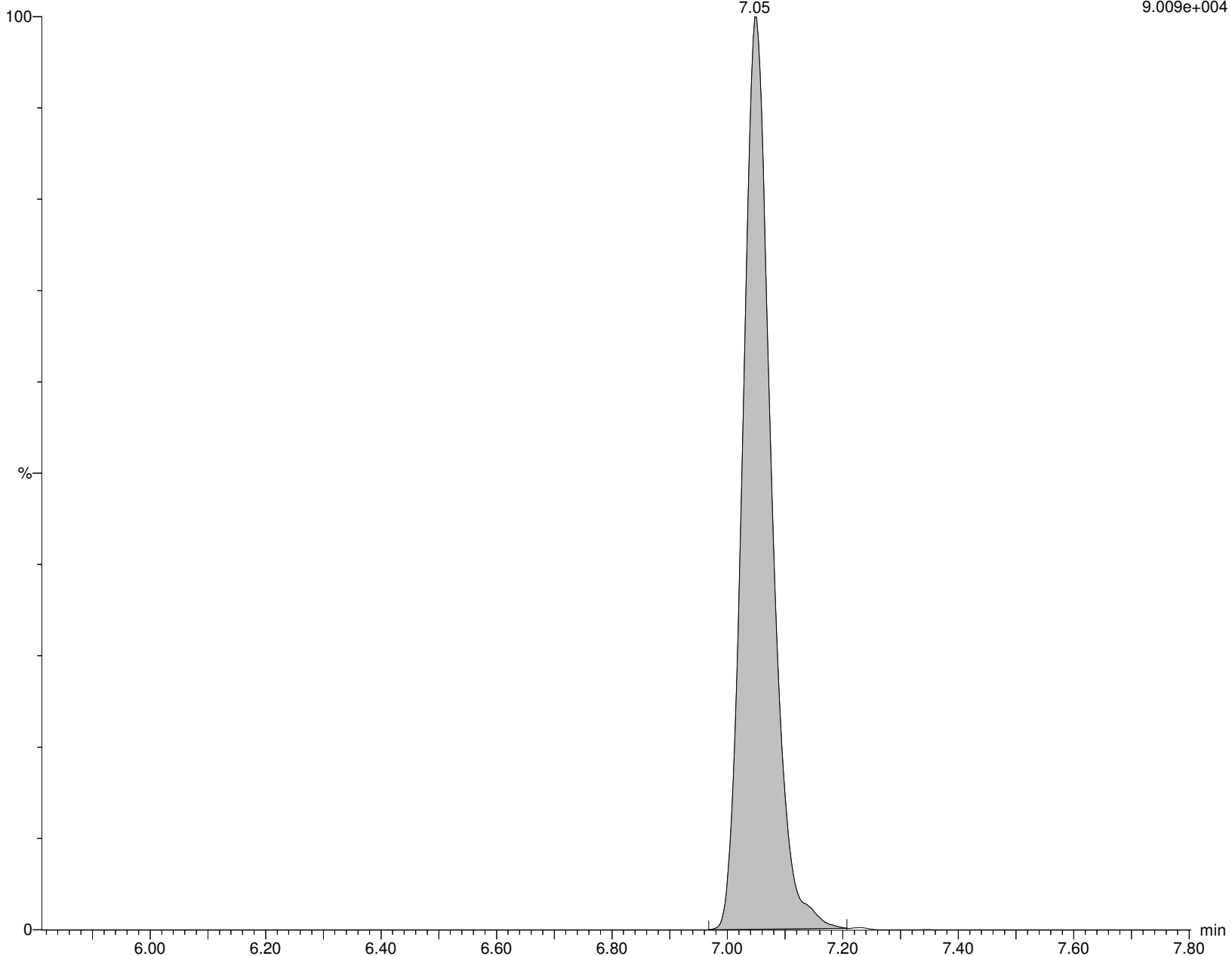
I3776 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F12:MRM of 2 channels,ES-

329.117 > 309.079

9.009e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxA

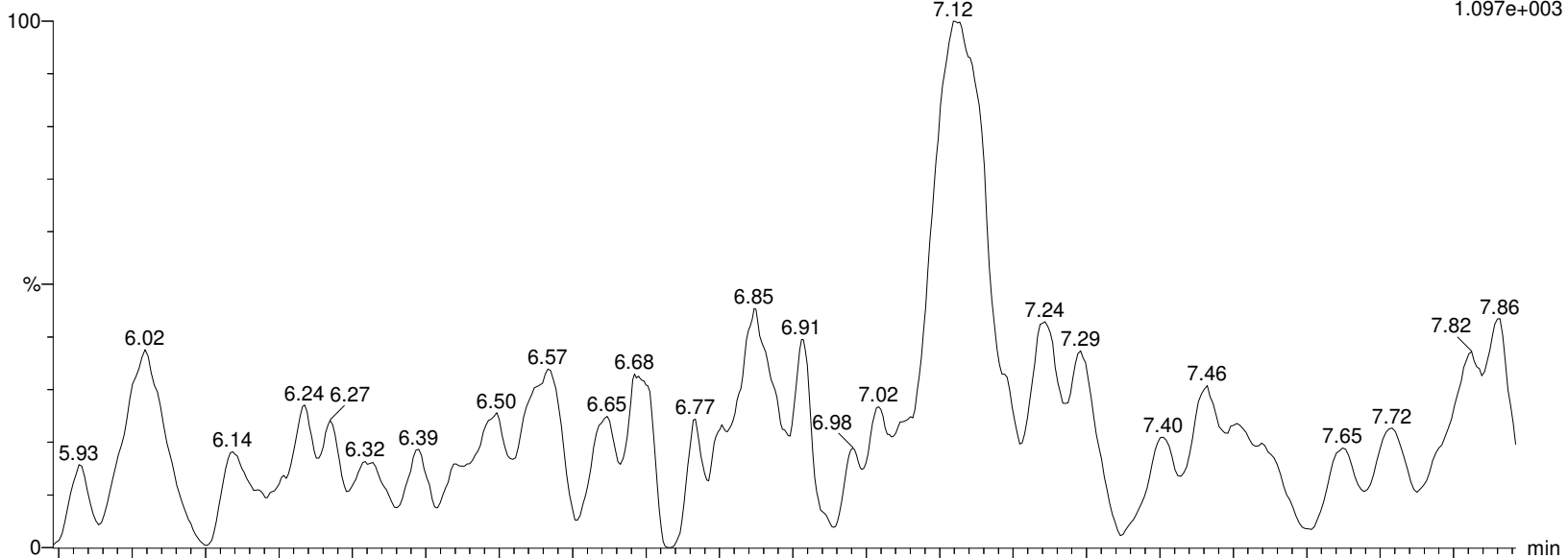
I3776 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F8:MRM of 2 channels,ES-

312.989 > 269.028

1.097e+003



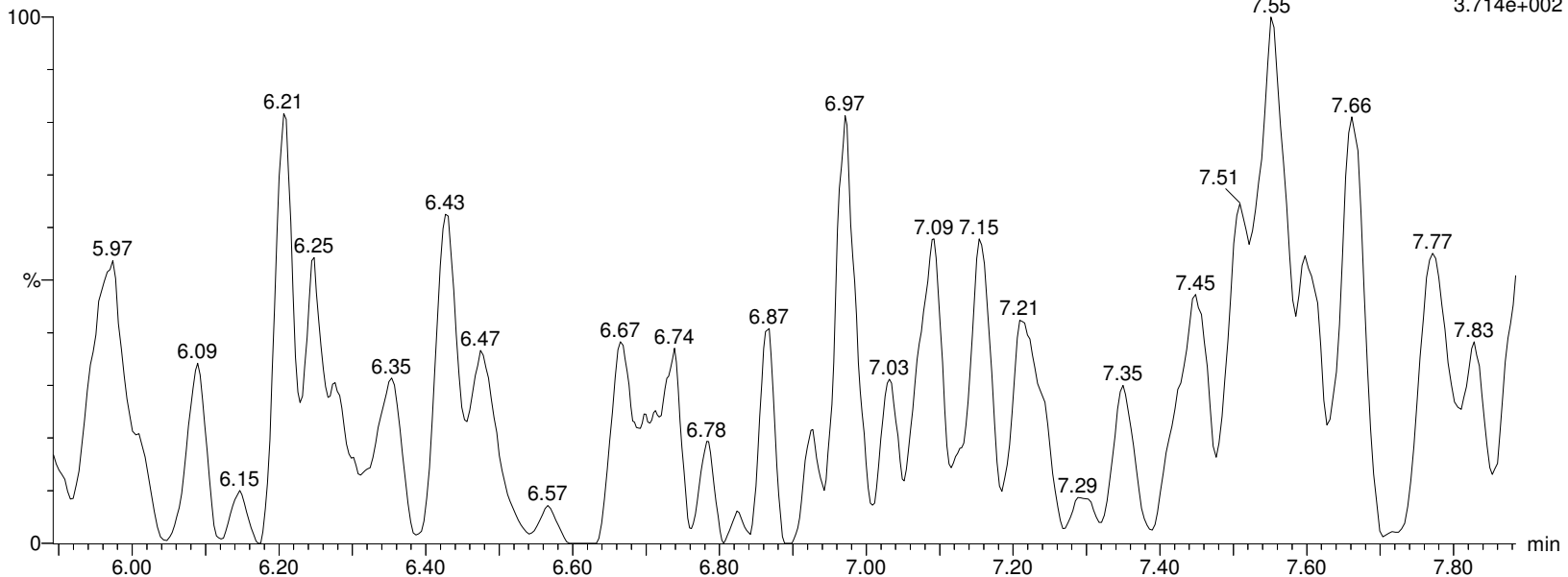
I3776 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F8:MRM of 2 channels,ES-

312.989 > 119.18

3.714e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFHxA

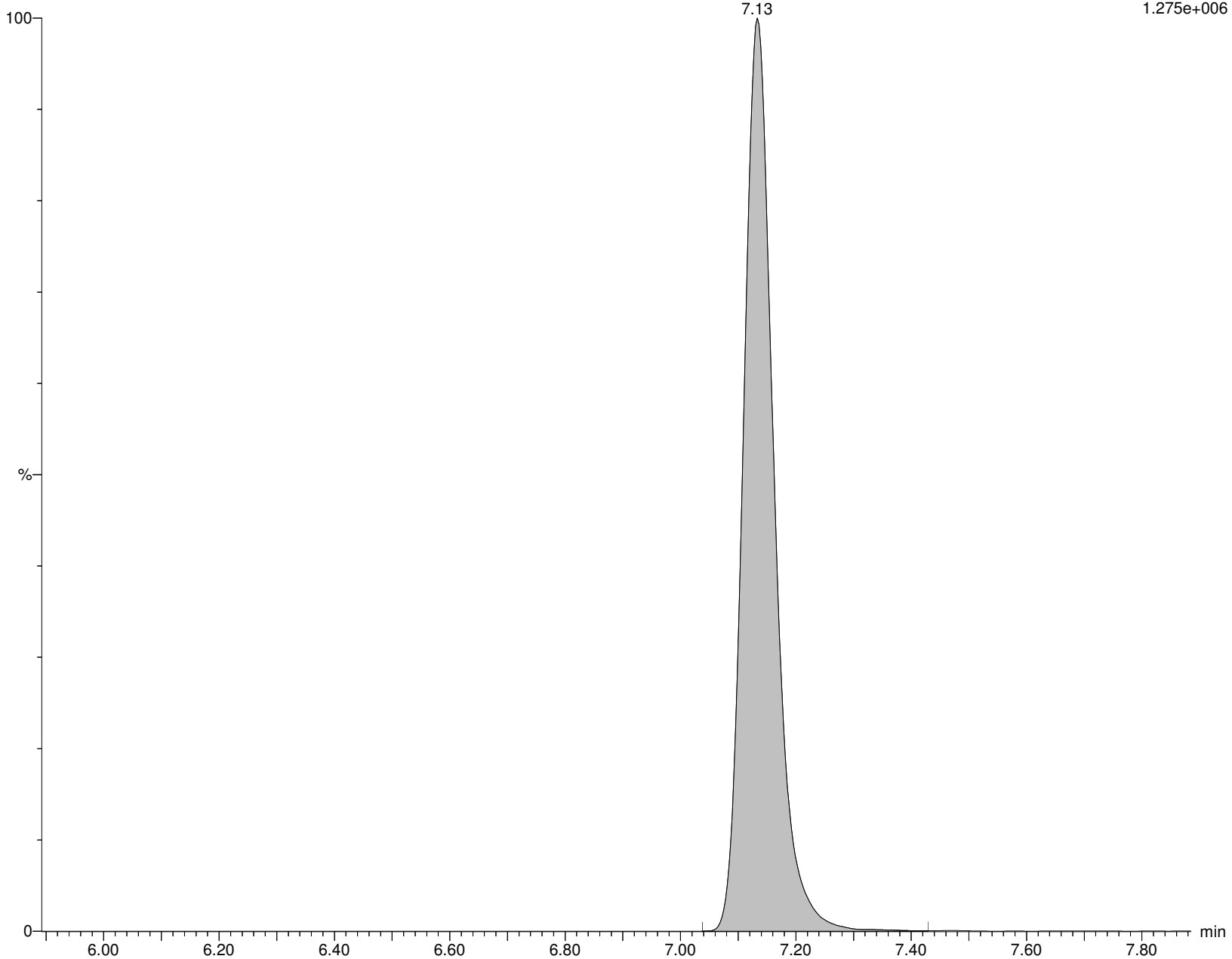
I3776 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F9:MRM of 1 channel,ES-

317.989 > 273.045

1.275e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeS

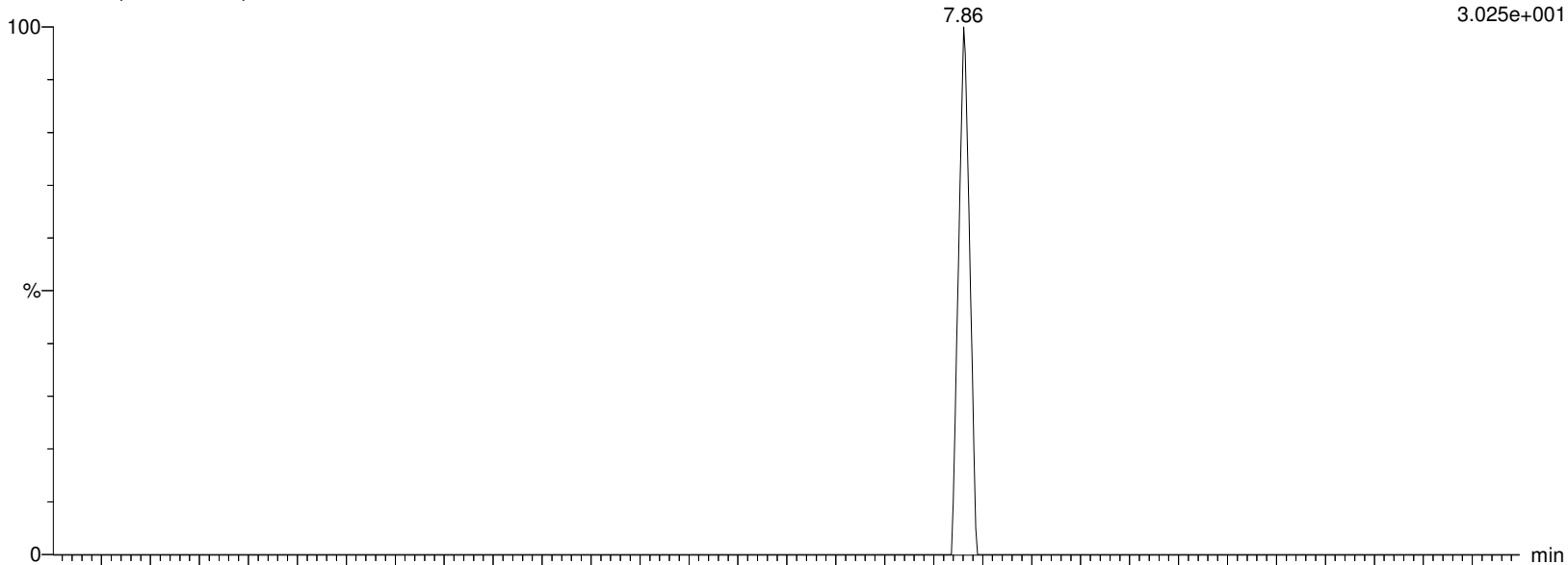
I3776 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 WG1224866-1

F14:MRM of 2 channels, ES-

348.926 > 80.251

3.025e+001



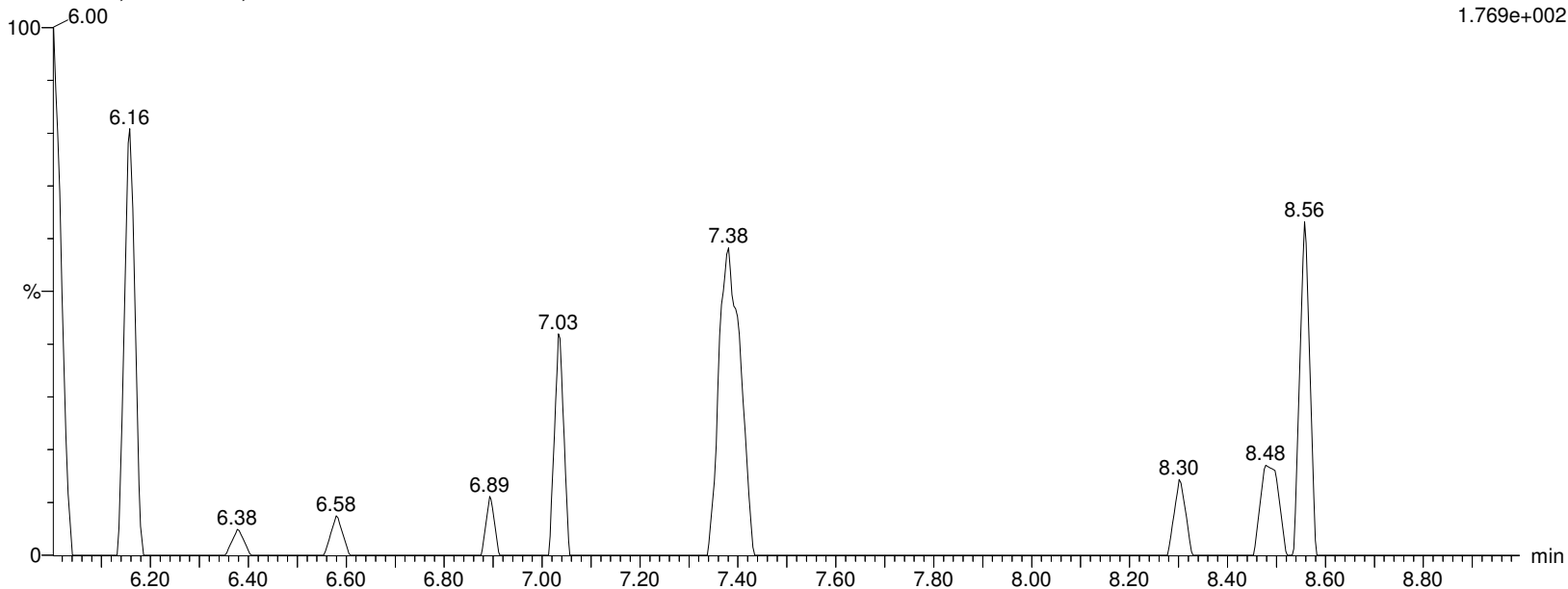
I3776 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 WG1224866-1

F14:MRM of 2 channels, ES-

348.926 > 99.16

1.769e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

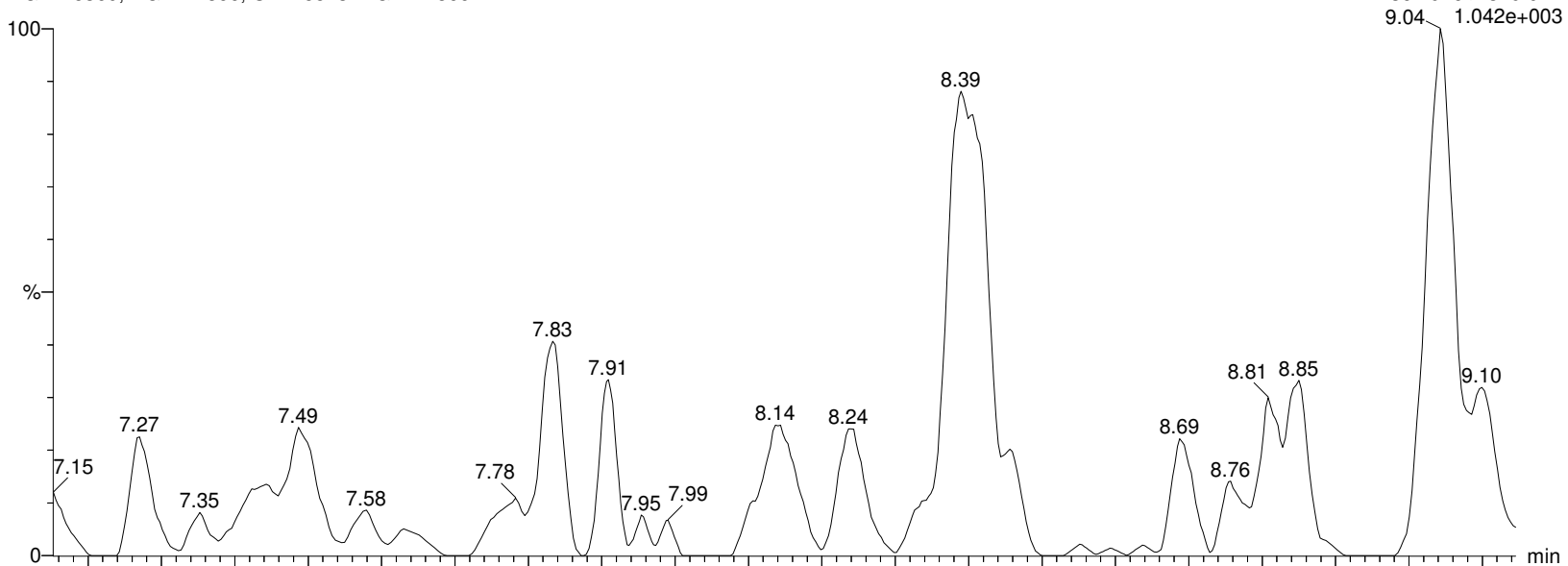
Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpA

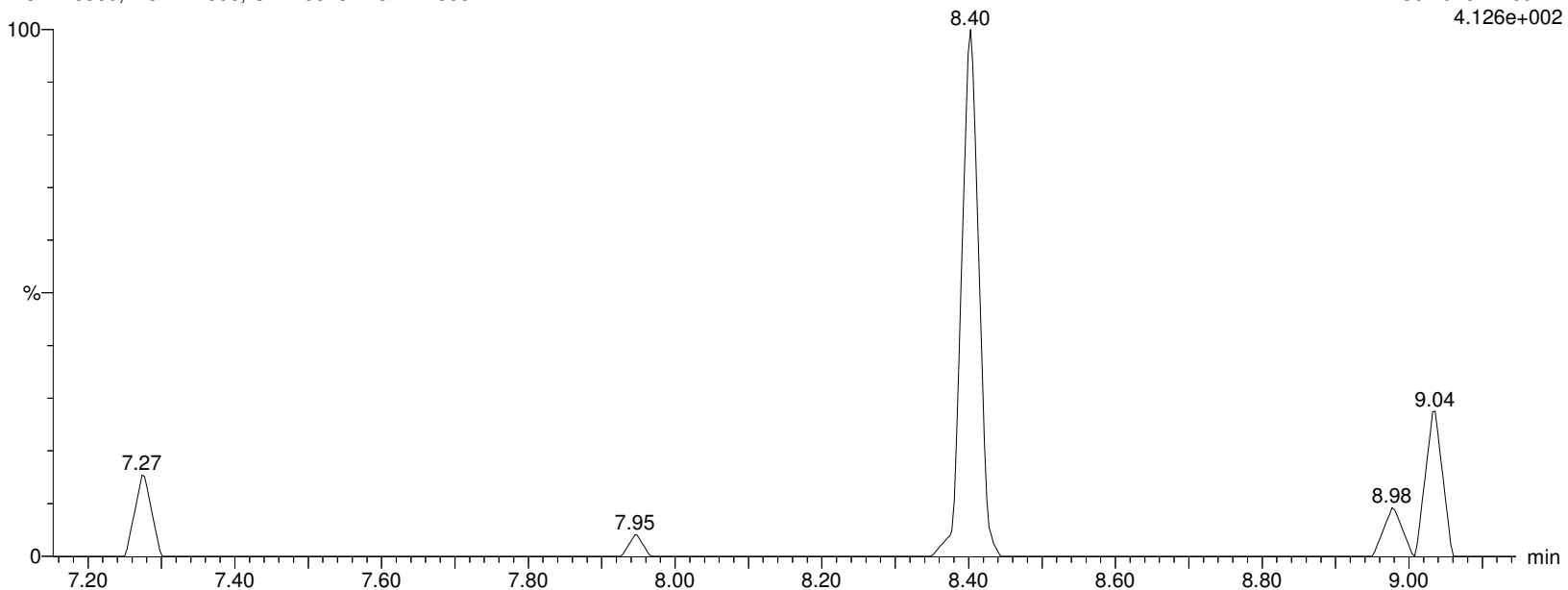
I3776 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-1



I3776 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-1



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFHpA

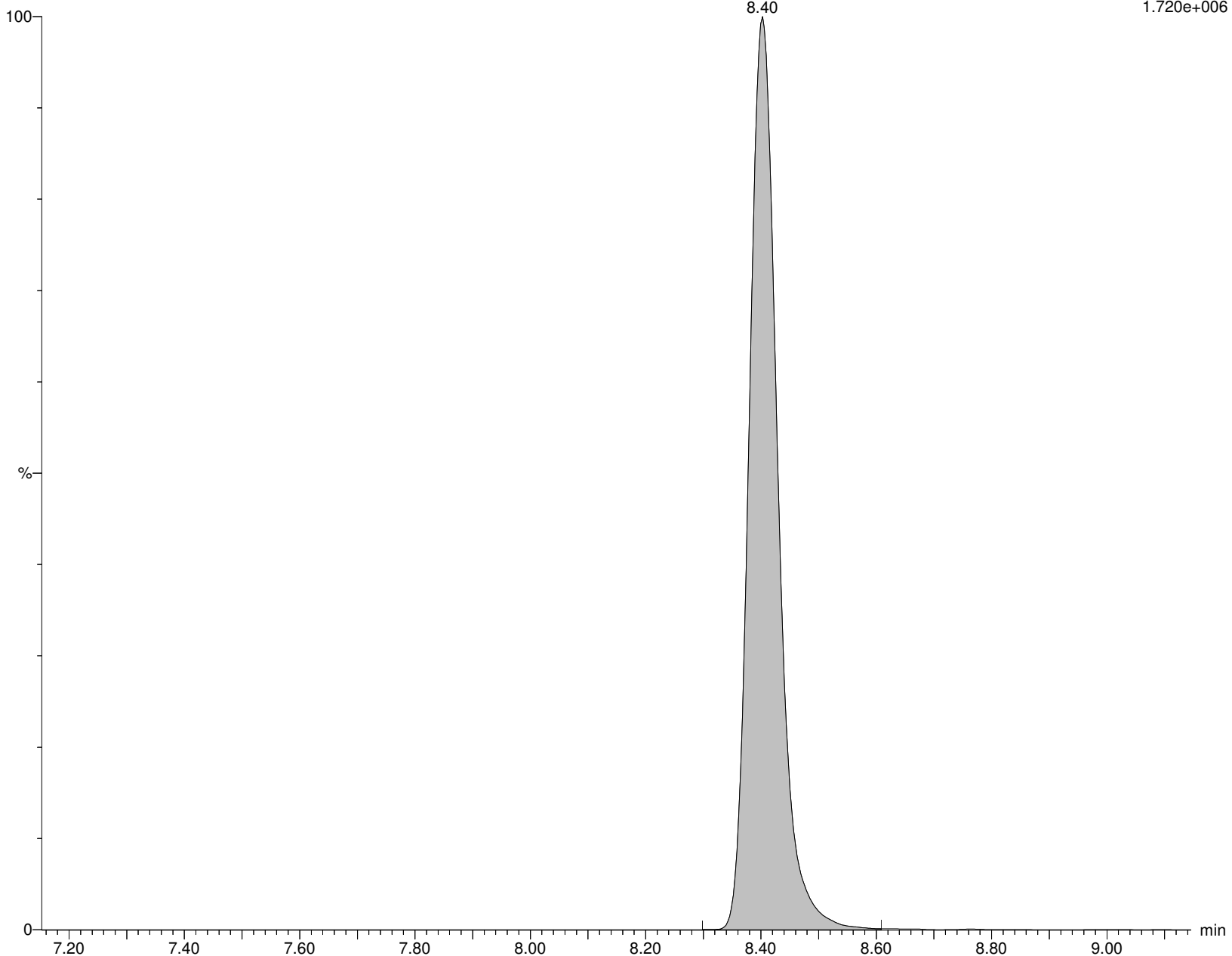
I3776 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F16:MRM of 1 channel,ES-

366.926 > 321.979

1.720e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFHxS

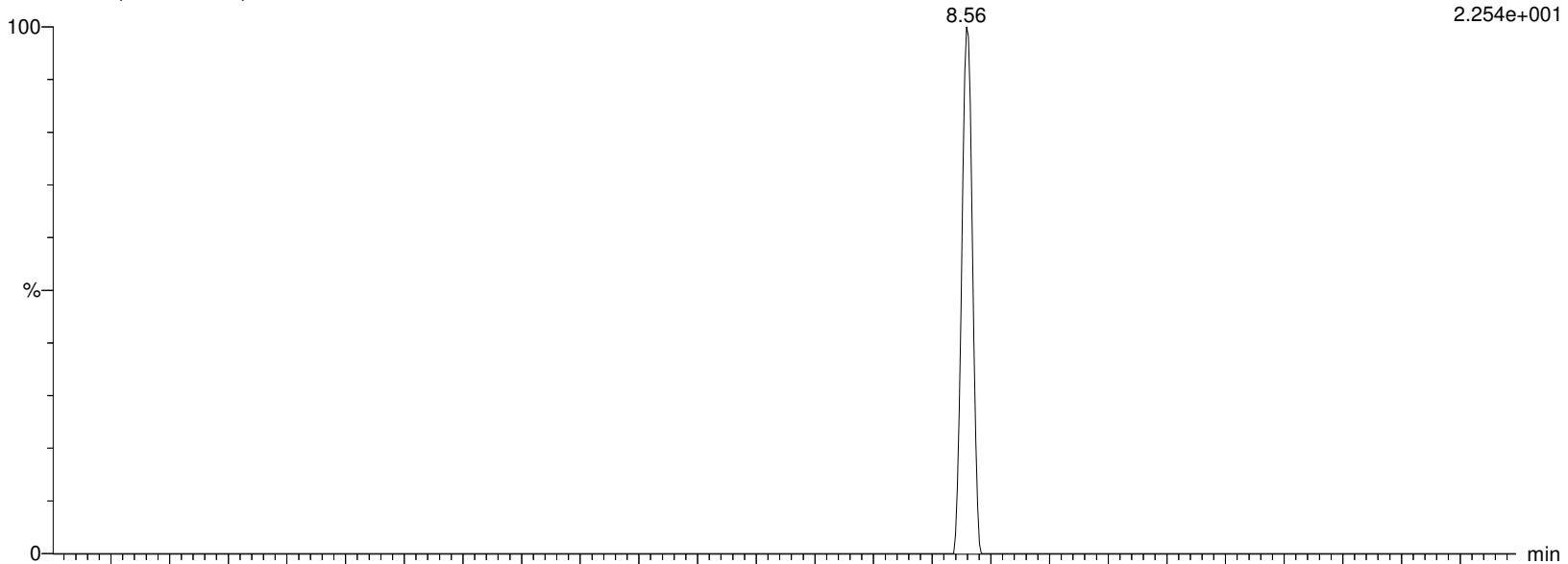
I3776 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F18:MRM of 2 channels,ES-

398.926 > 80.295

2.254e+001



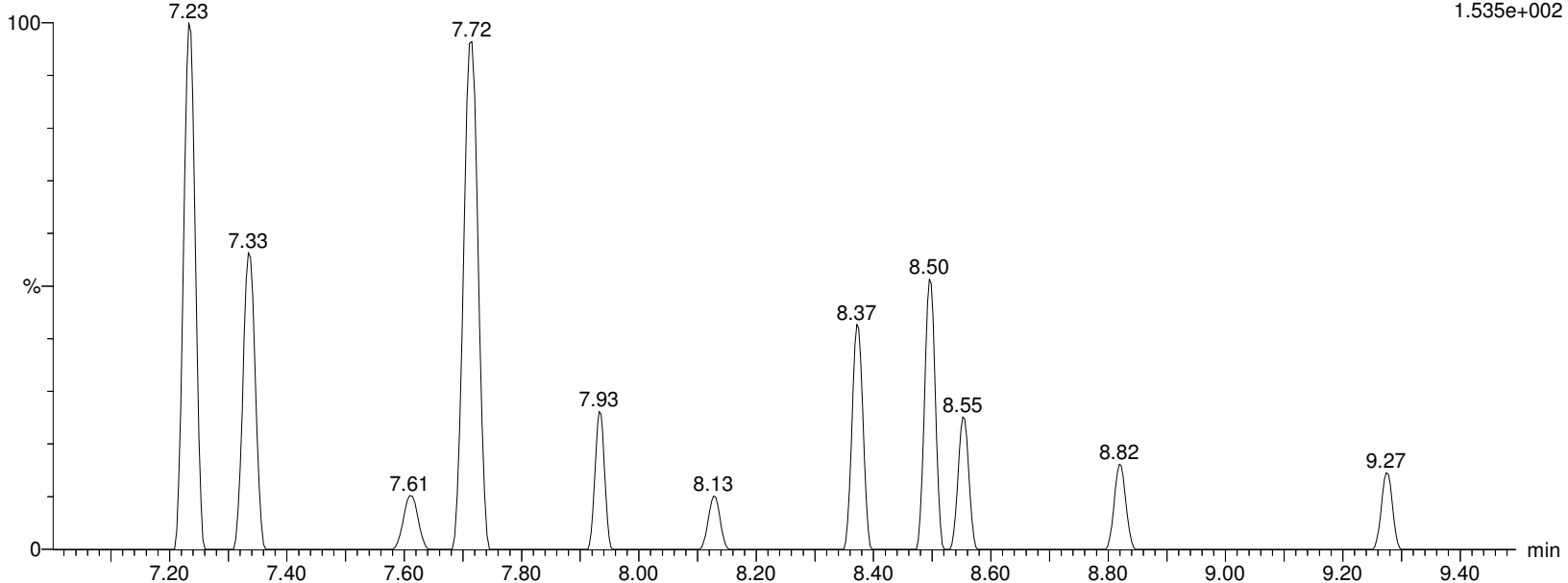
I3776 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F18:MRM of 2 channels,ES-

398.926 > 99.2

1.535e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFHxS

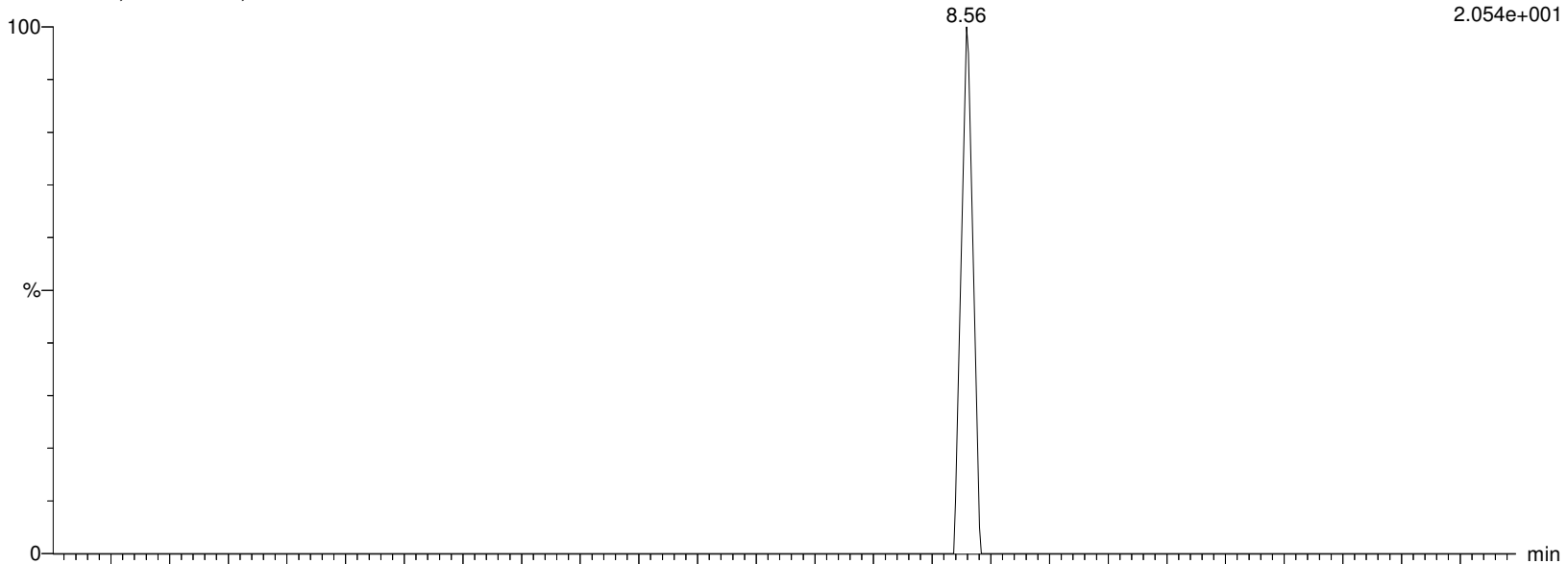
I3776 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 WG1224866-1

F18:MRM of 2 channels, ES-

398.926 > 80.295

2.054e+001



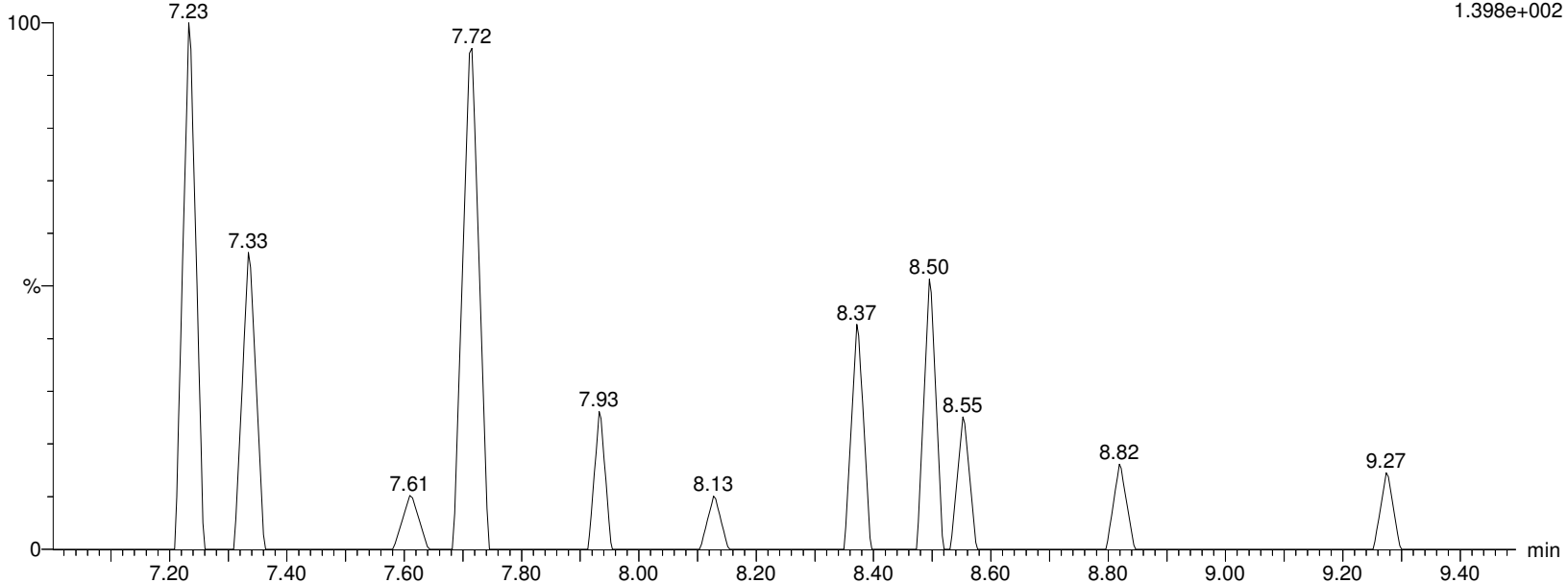
I3776 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 WG1224866-1

F18:MRM of 2 channels, ES-

398.926 > 99.2

1.398e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxS

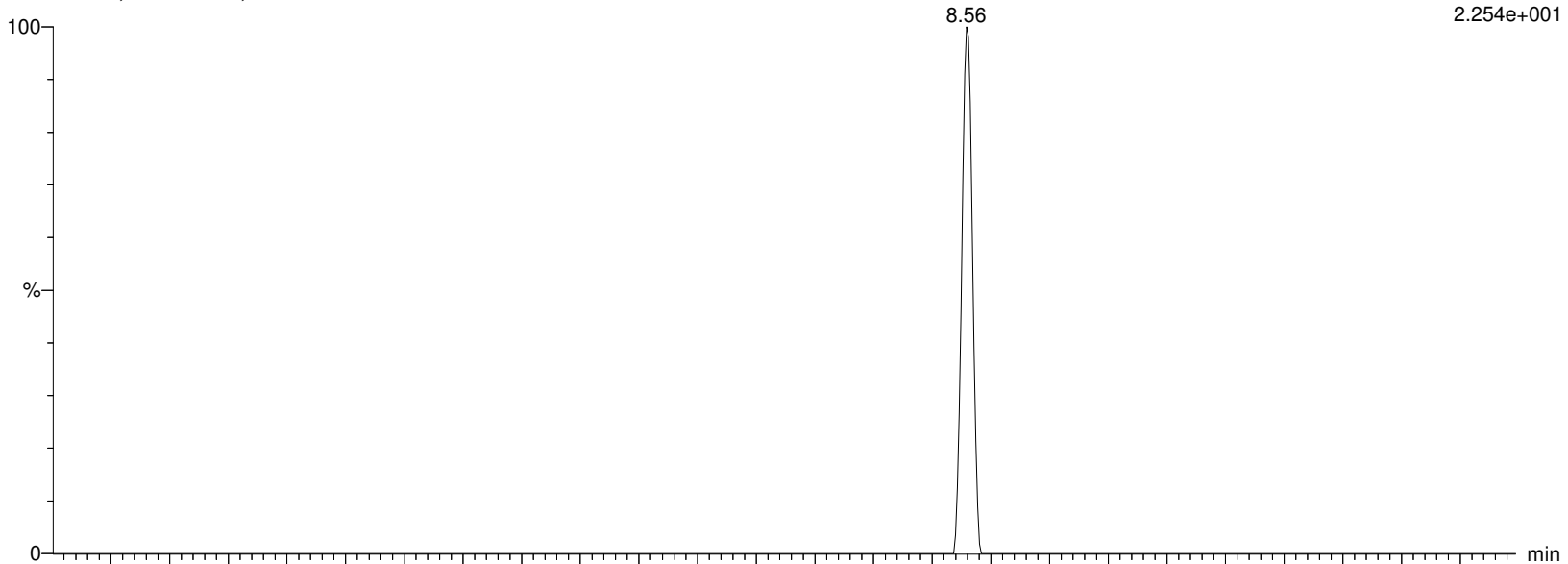
I3776 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F18:MRM of 2 channels,ES-

398.926 > 80.295

2.254e+001



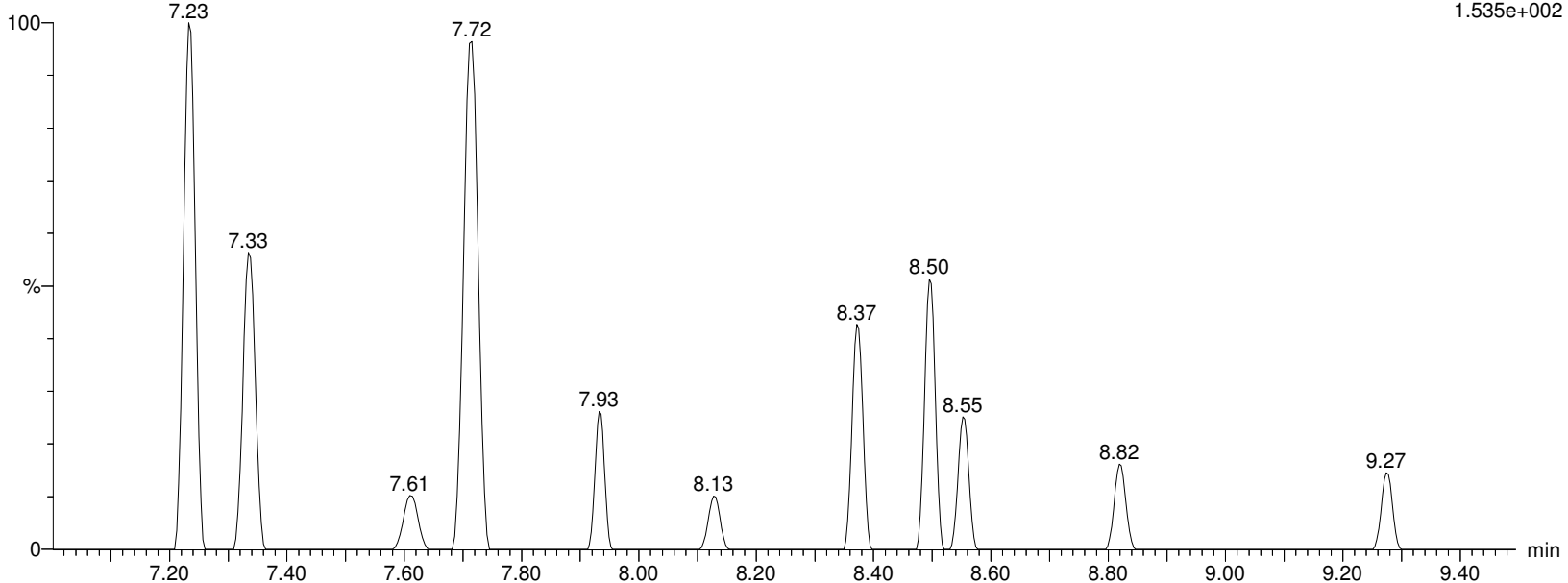
I3776 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F18:MRM of 2 channels,ES-

398.926 > 99.2

1.535e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFHxS

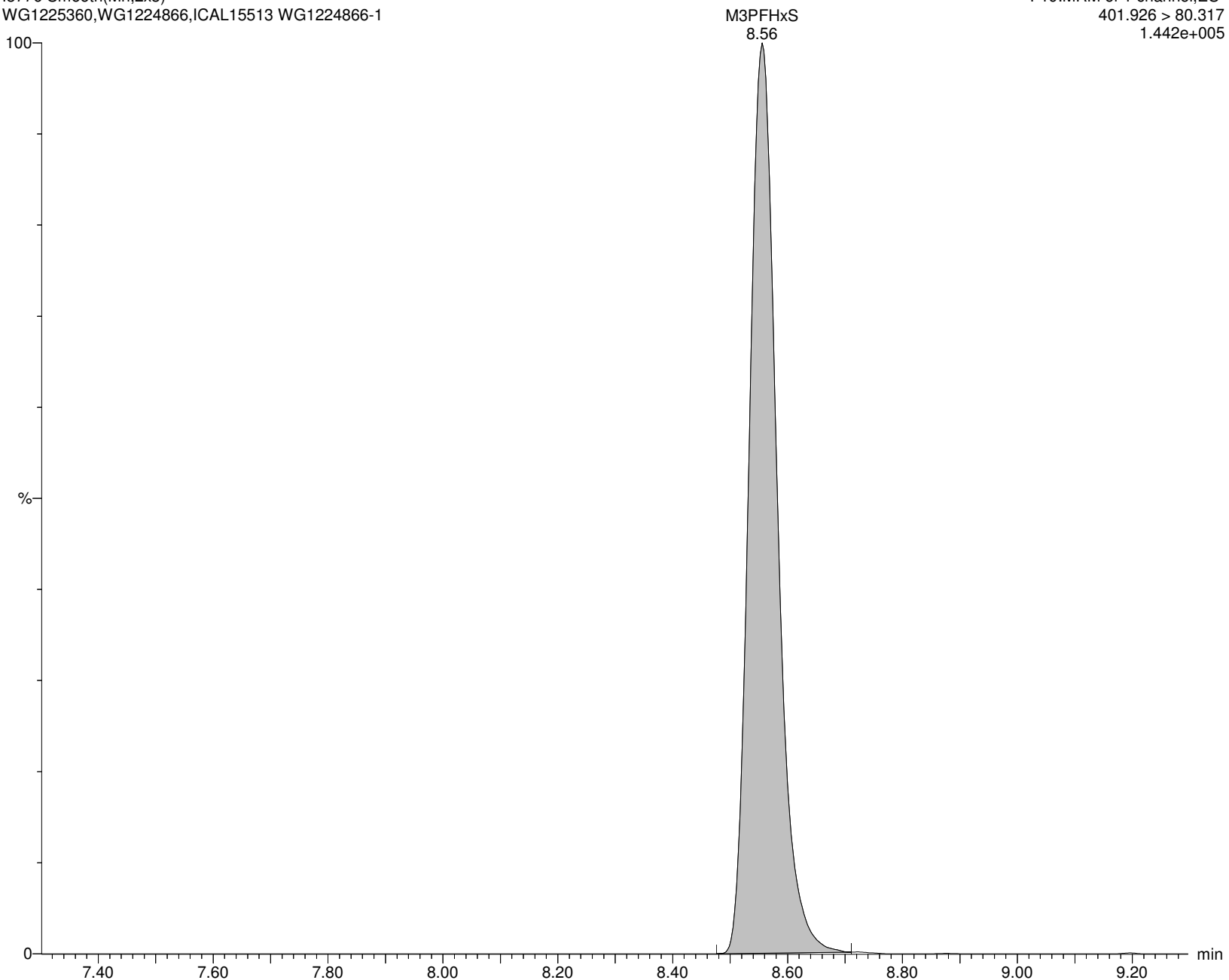
I3776 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F19:MRM of 1 channel,ES-

401.926 > 80.317

1.442e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOA

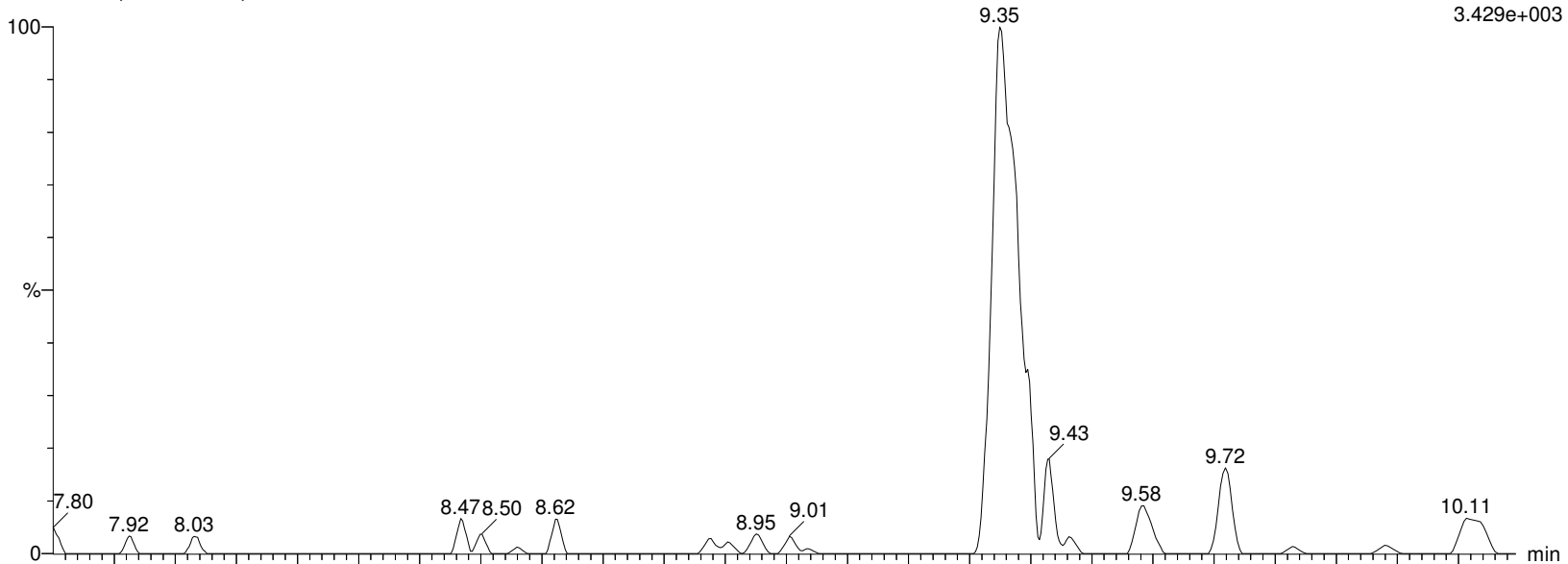
I3776 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-1

F20:MRM of 2 channels, ES-

412.989 > 368.9

3.429e+003



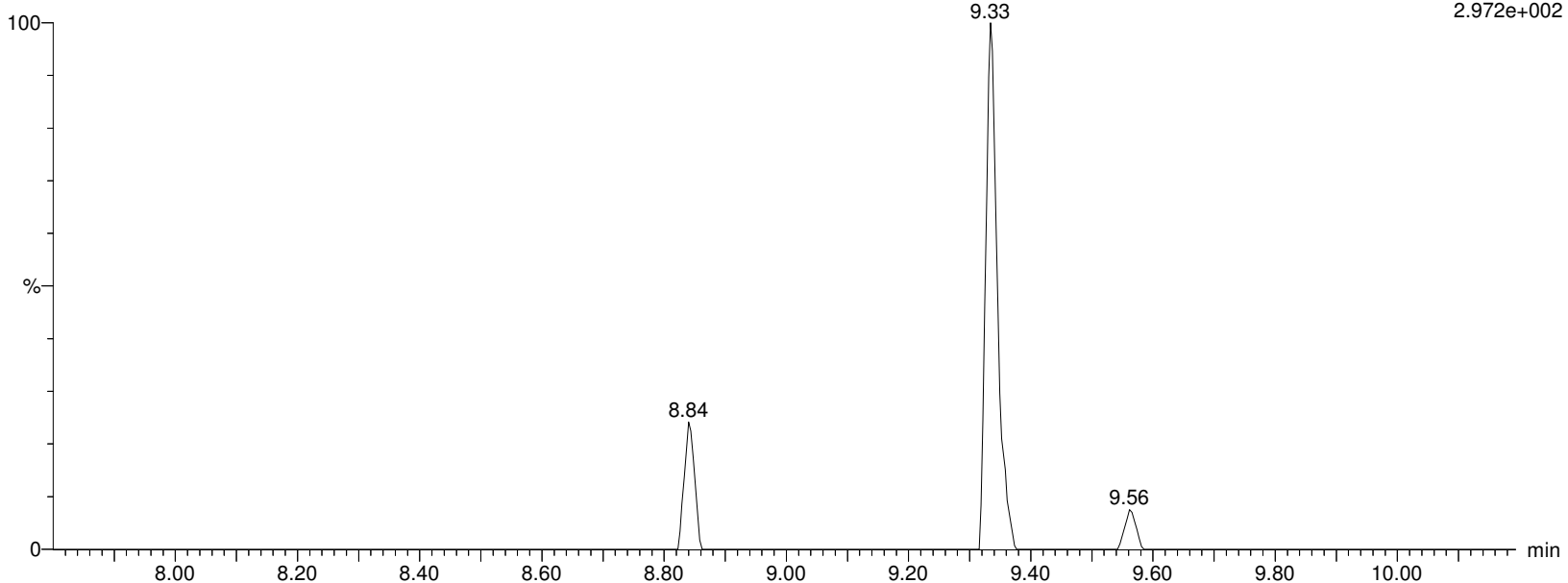
I3776 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-1

F20:MRM of 2 channels, ES-

412.989 > 219.08

2.972e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOA

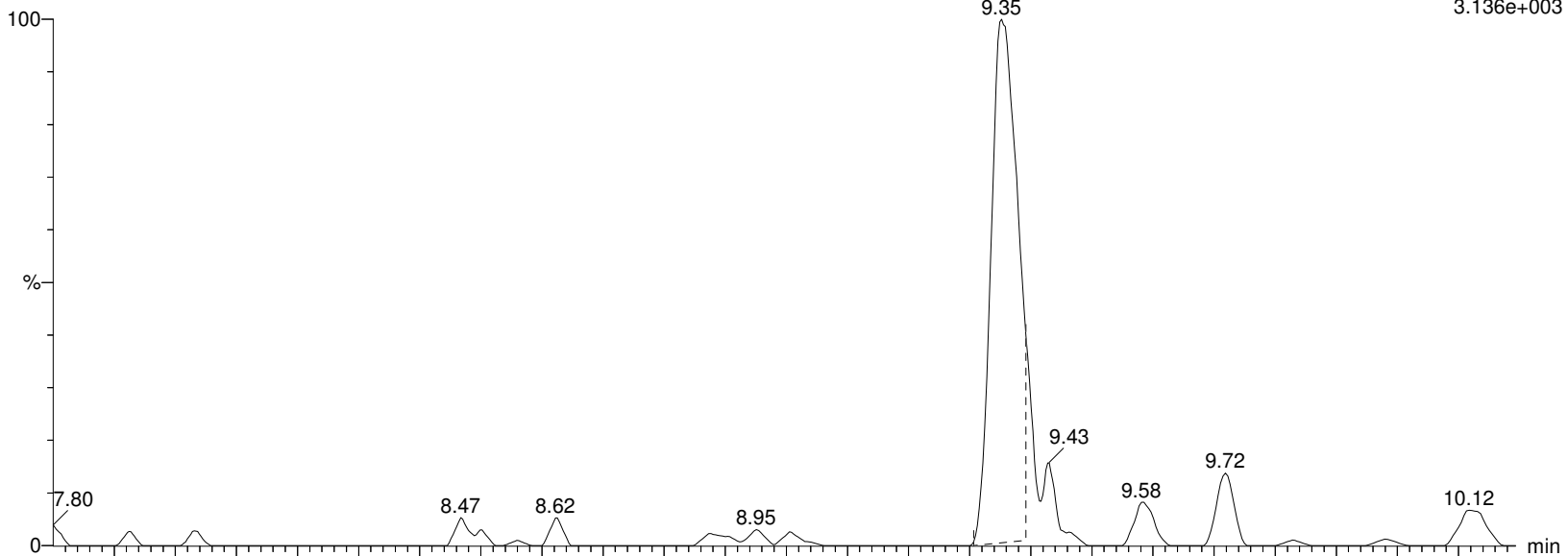
I3776 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 WG1224866-1

F20:MRM of 2 channels, ES-

412.989 > 368.9

3.136e+003



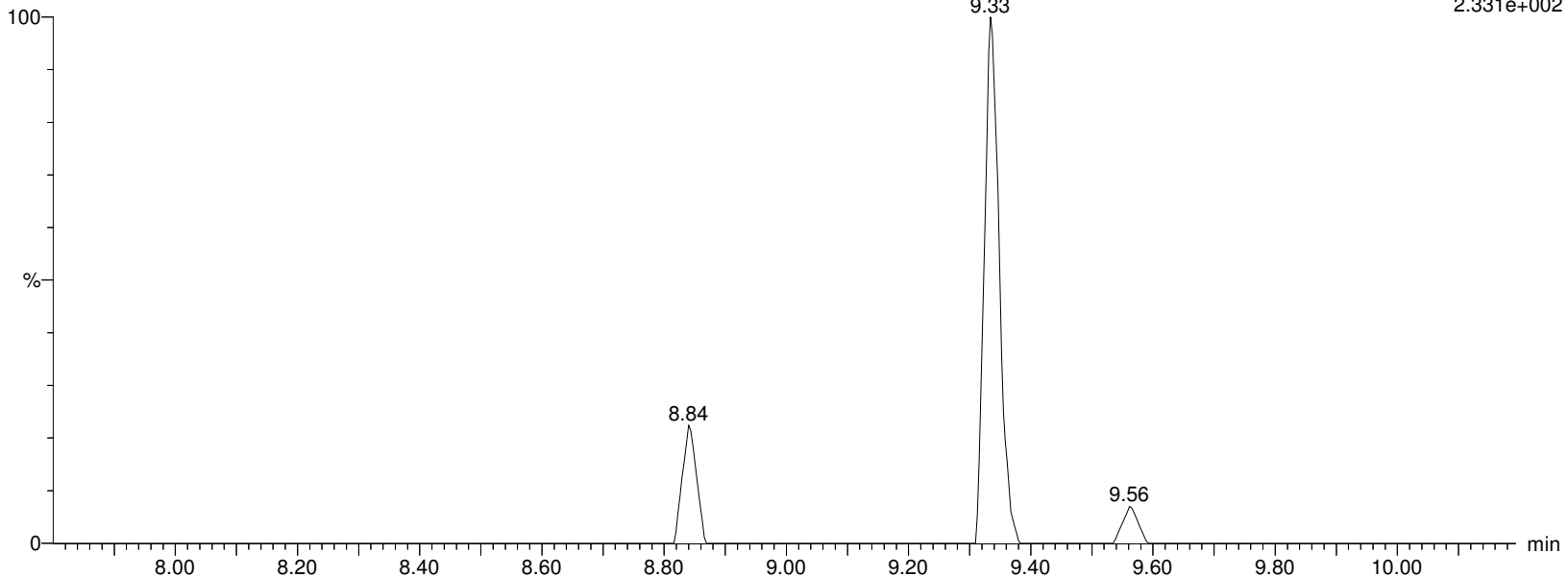
I3776 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 WG1224866-1

F20:MRM of 2 channels, ES-

412.989 > 219.08

2.331e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFOA

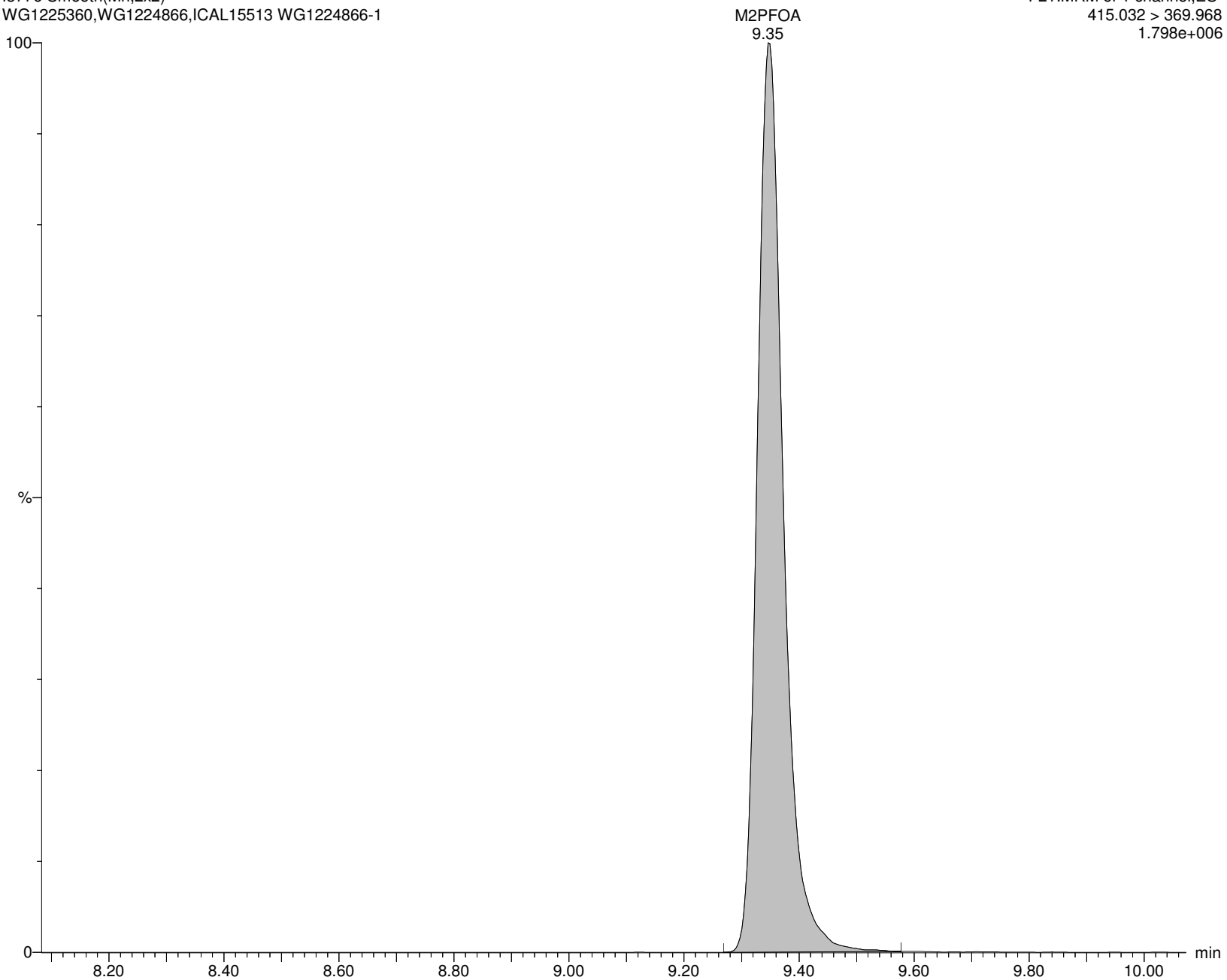
I3776 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F21:MRM of 1 channel,ES-

415.032 > 369.968

1.798e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOA

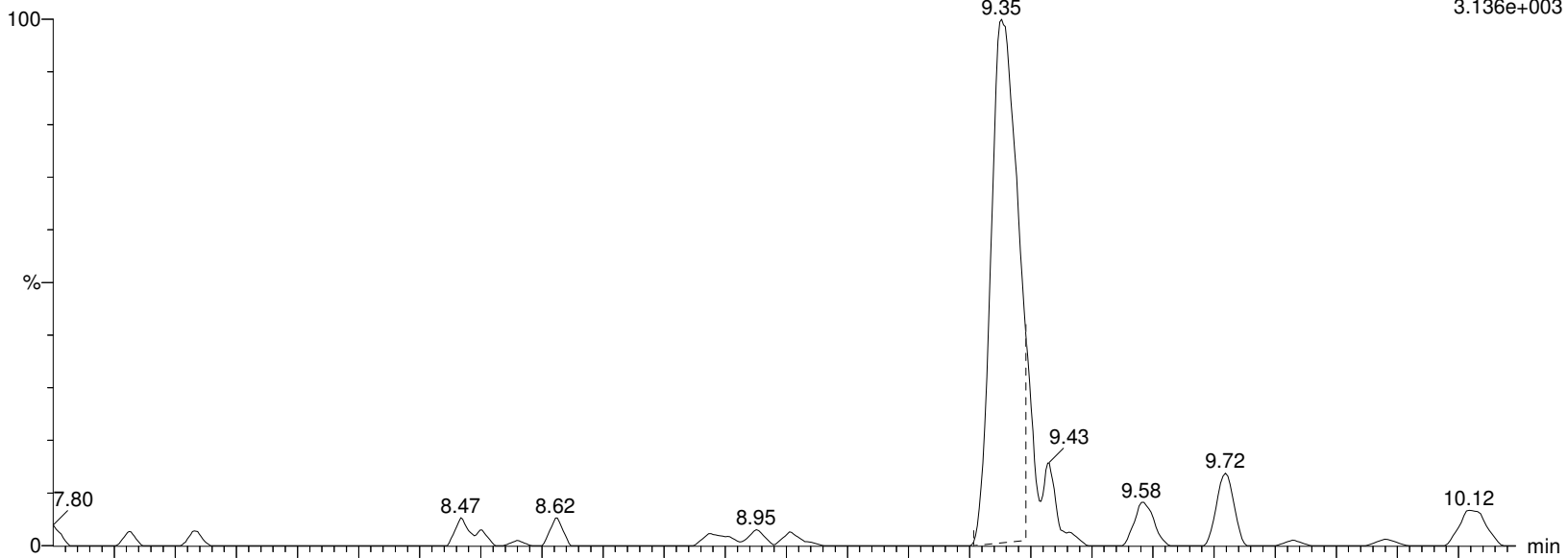
I3776 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F20:MRM of 2 channels,ES-

412.989 > 368.9

3.136e+003



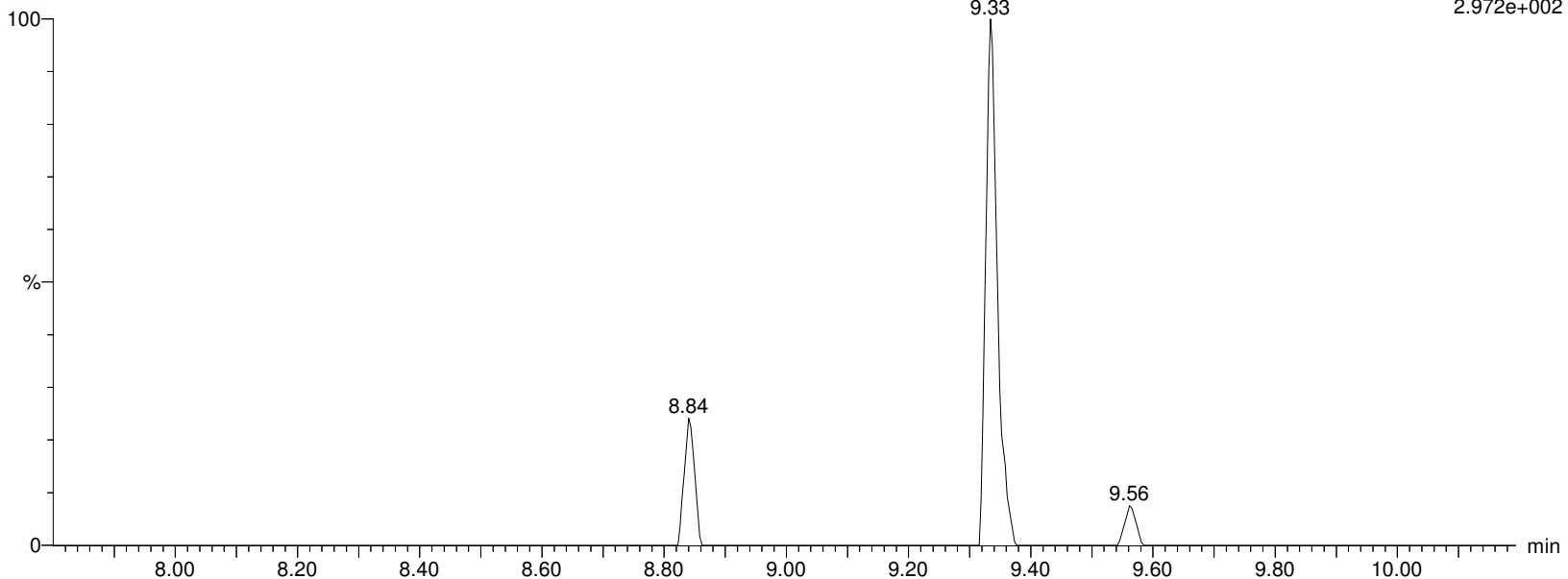
I3776 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F20:MRM of 2 channels,ES-

412.989 > 219.08

2.972e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOA

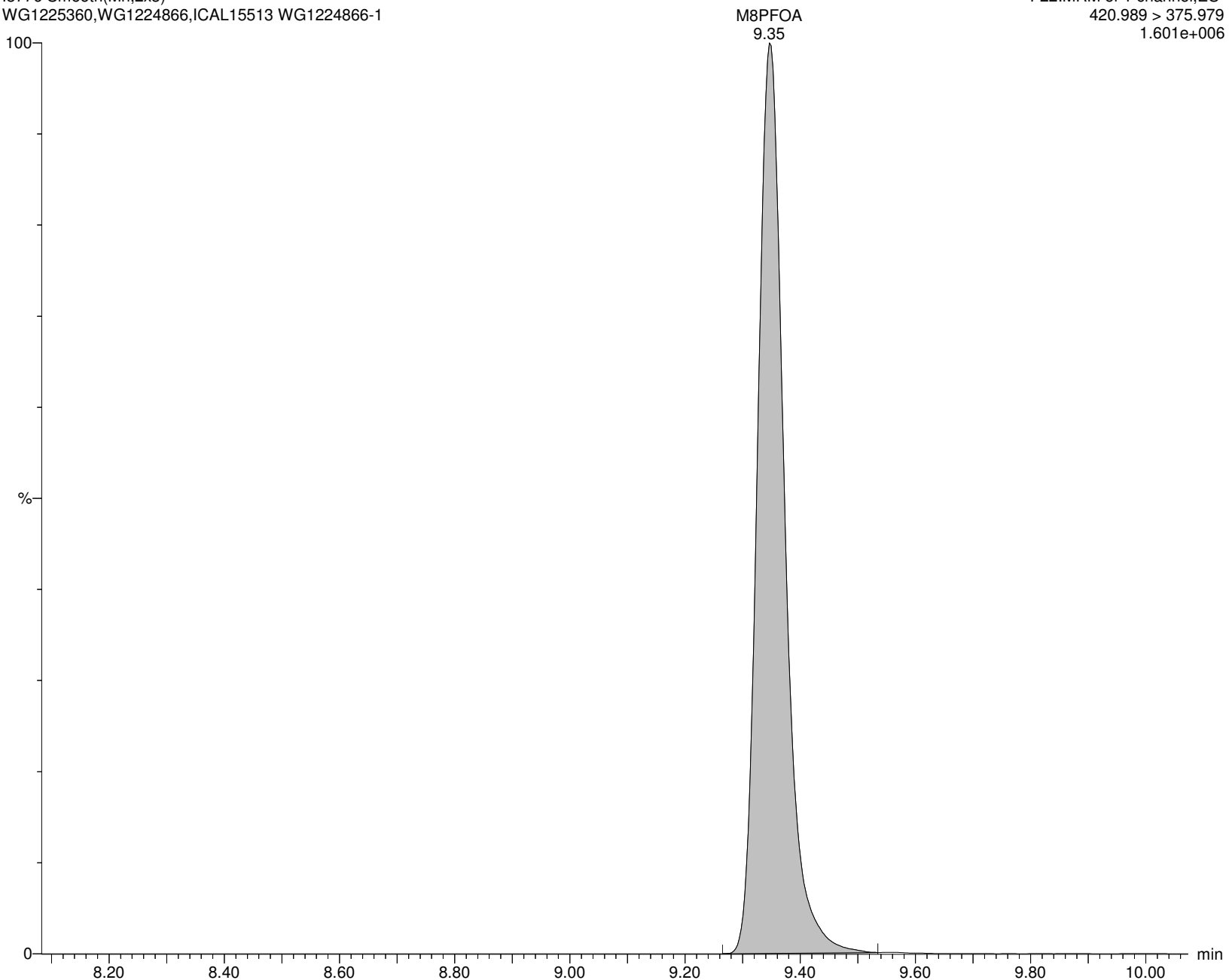
I3776 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F22:MRM of 1 channel,ES-

420.989 > 375.979

1.601e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

6:2FTS

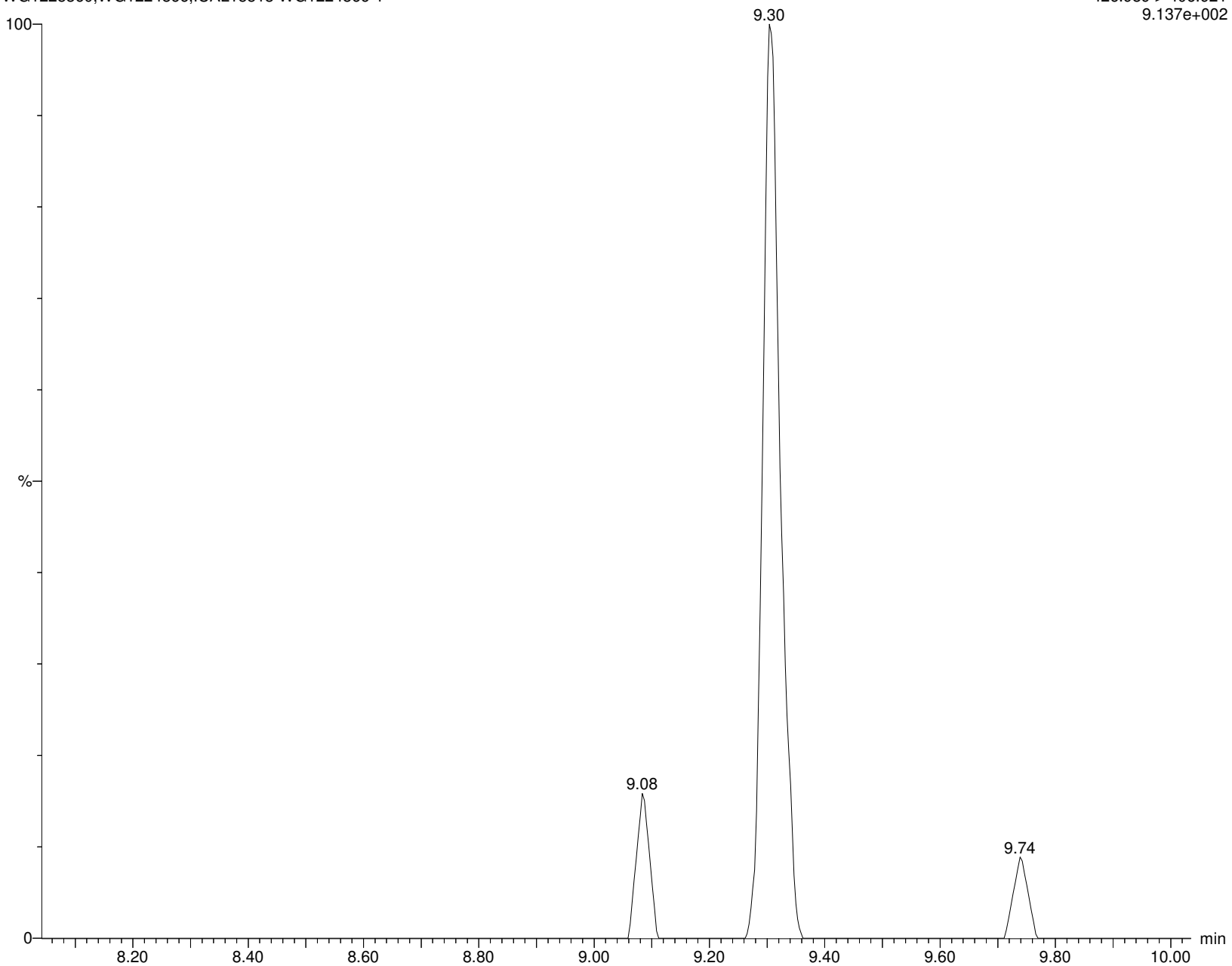
I3776 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F23:MRM of 2 channels,ES-

426.989 > 406.921

9.137e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-6:2FTS

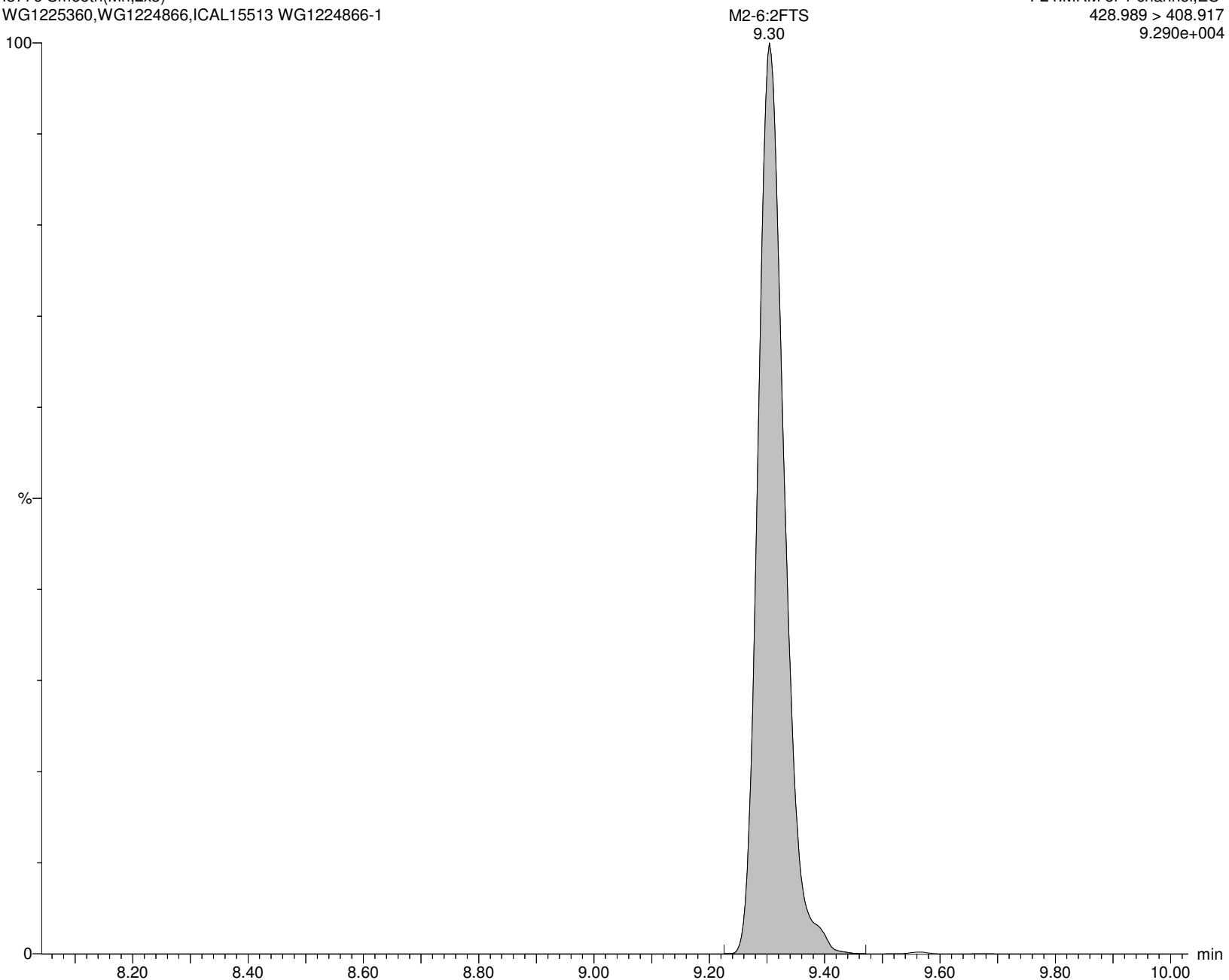
I3776 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F24:MRM of 1 channel,ES-

428.989 > 408.917

9.290e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpS

I3776 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 WG1224866-1

F25:MRM of 2 channels, ES-

448.926 > 80.257

1.000e-003



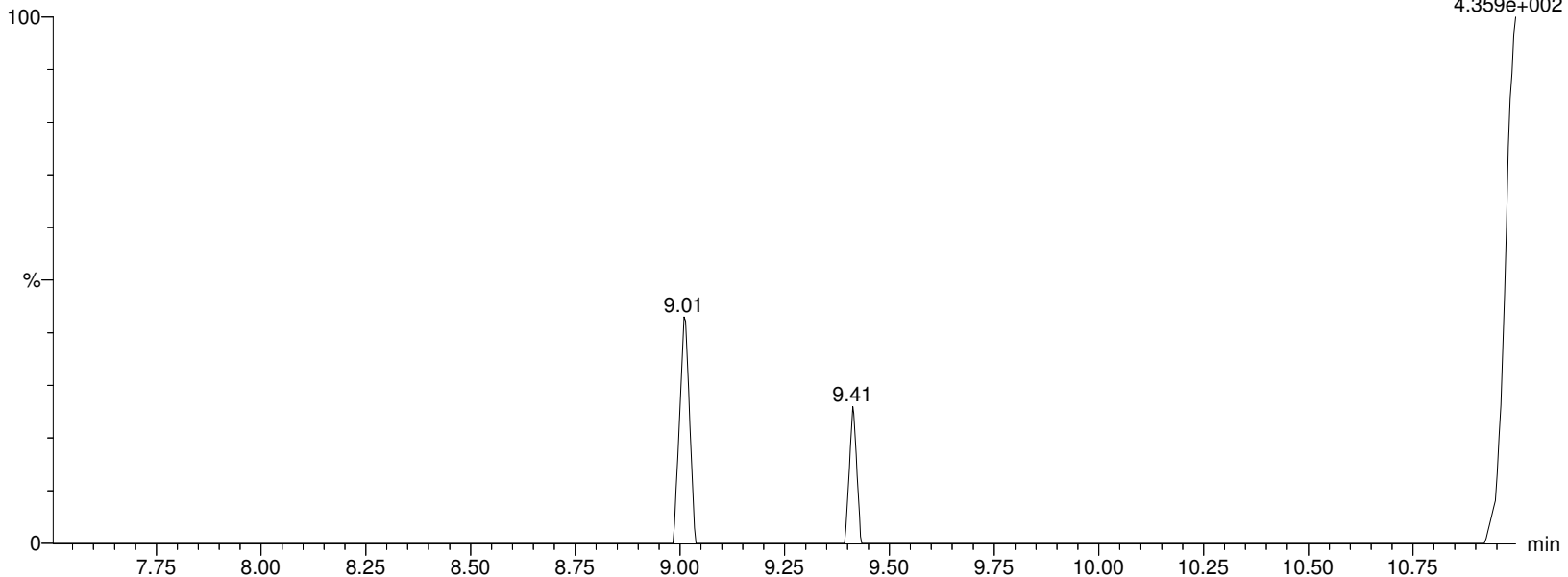
I3776 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 WG1224866-1

F25:MRM of 2 channels, ES-

448.926 > 99.22

4.359e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNA

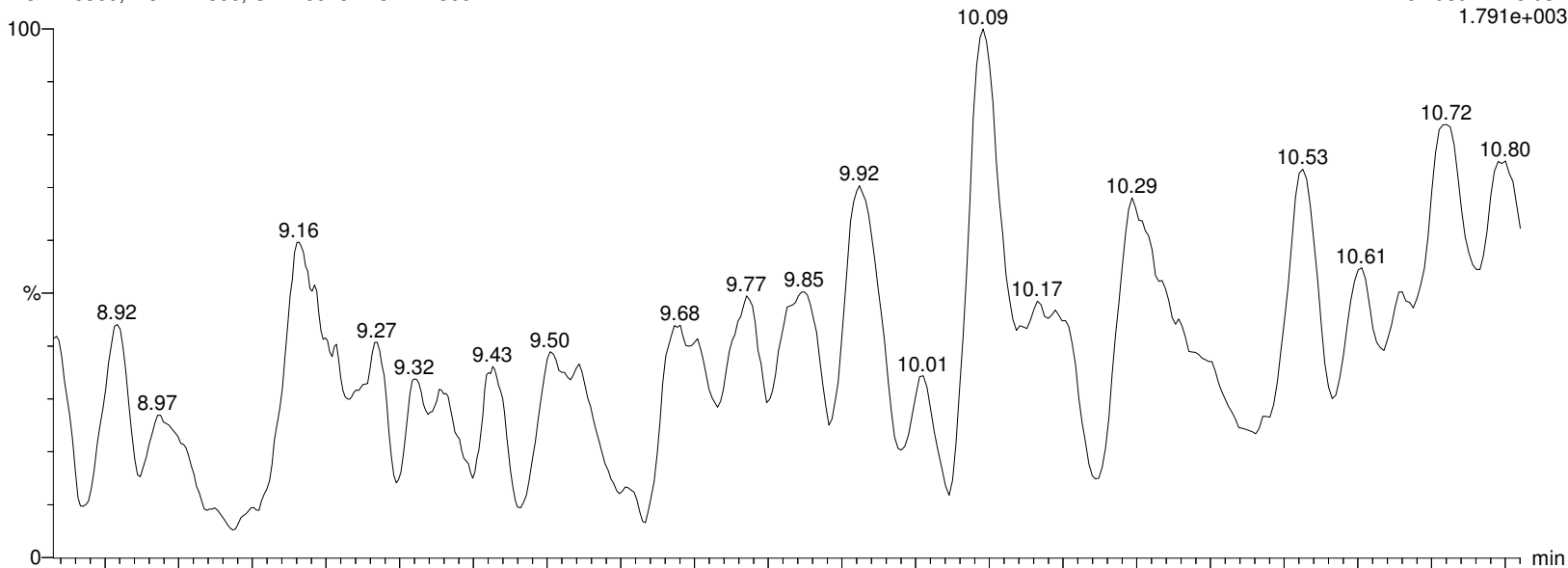
I3776 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F26:MRM of 2 channels,ES-

462.989 > 418.931

1.791e+003



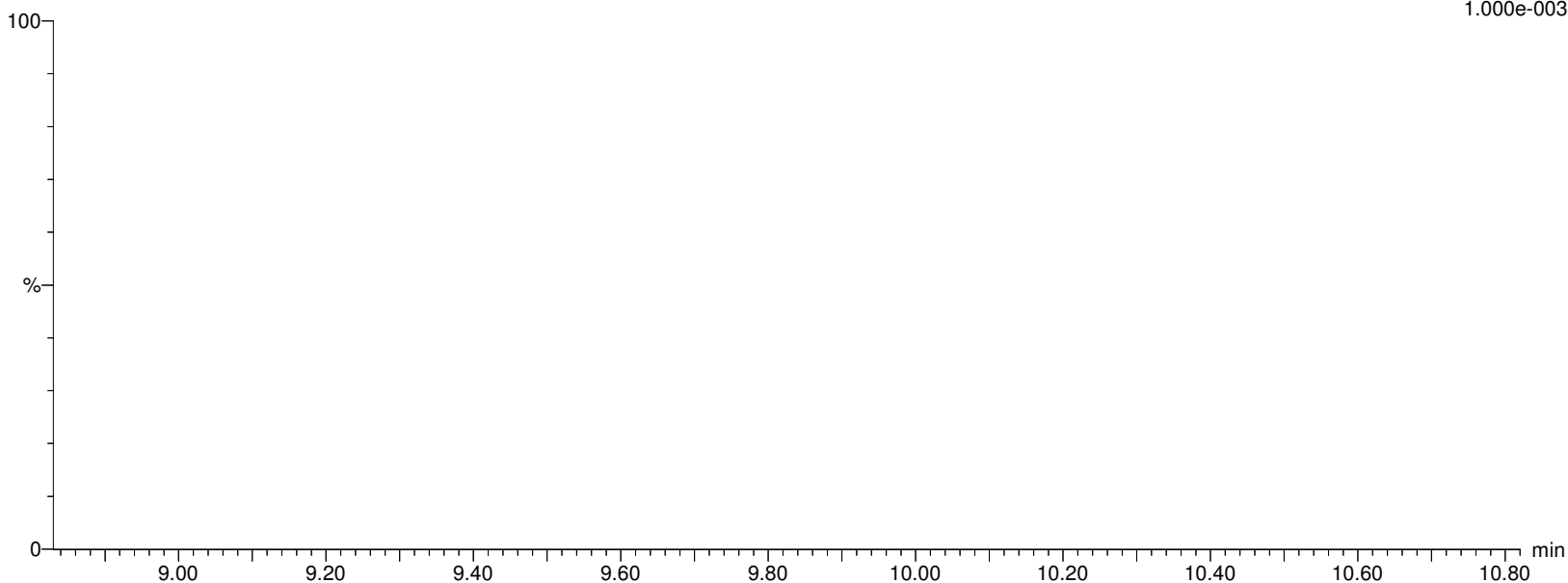
I3776 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F26:MRM of 2 channels,ES-

462.989 > 219.04

1.000e-003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M9PFNA

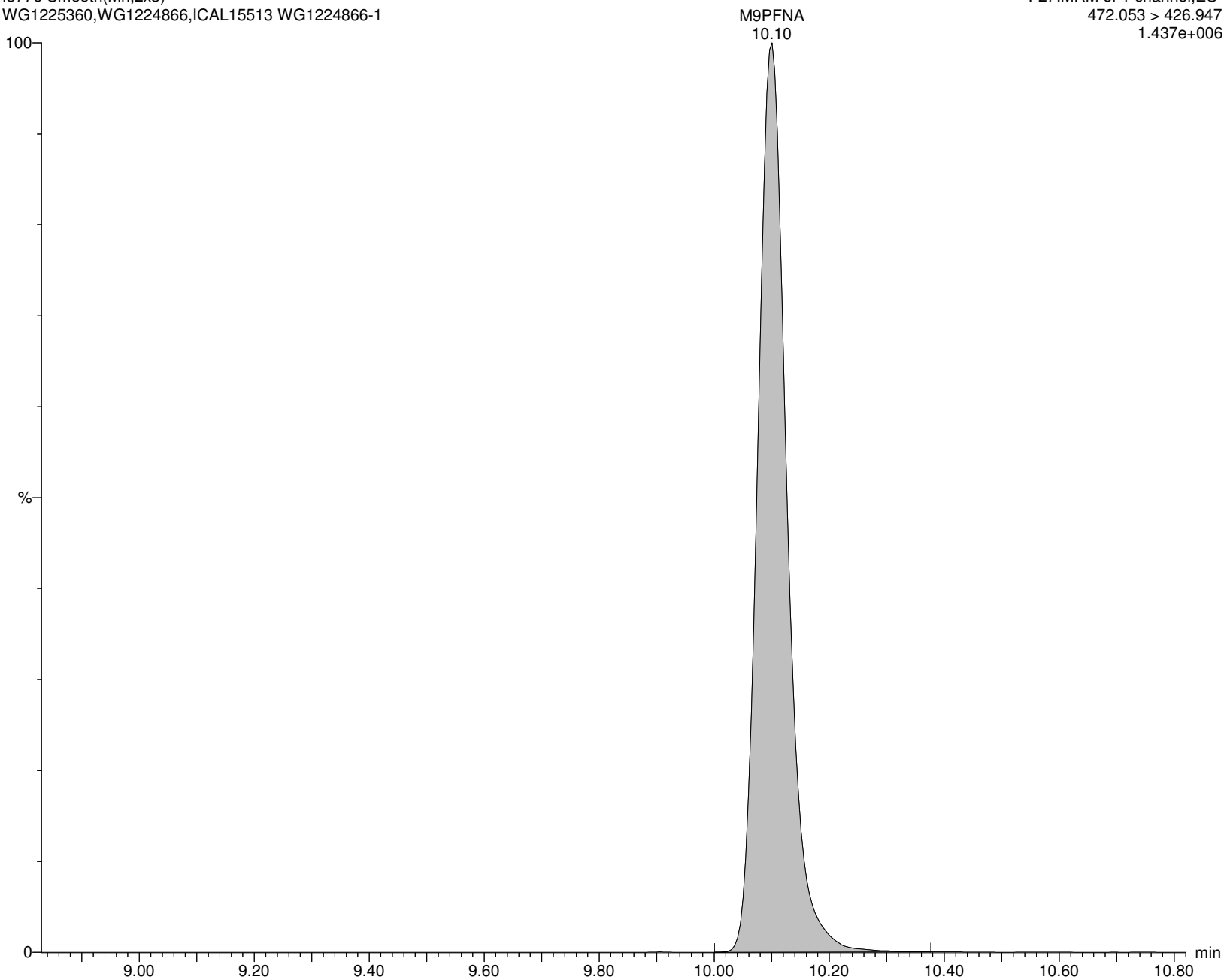
I3776 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F27:MRM of 1 channel,ES-

472.053 > 426.947

1.437e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOS

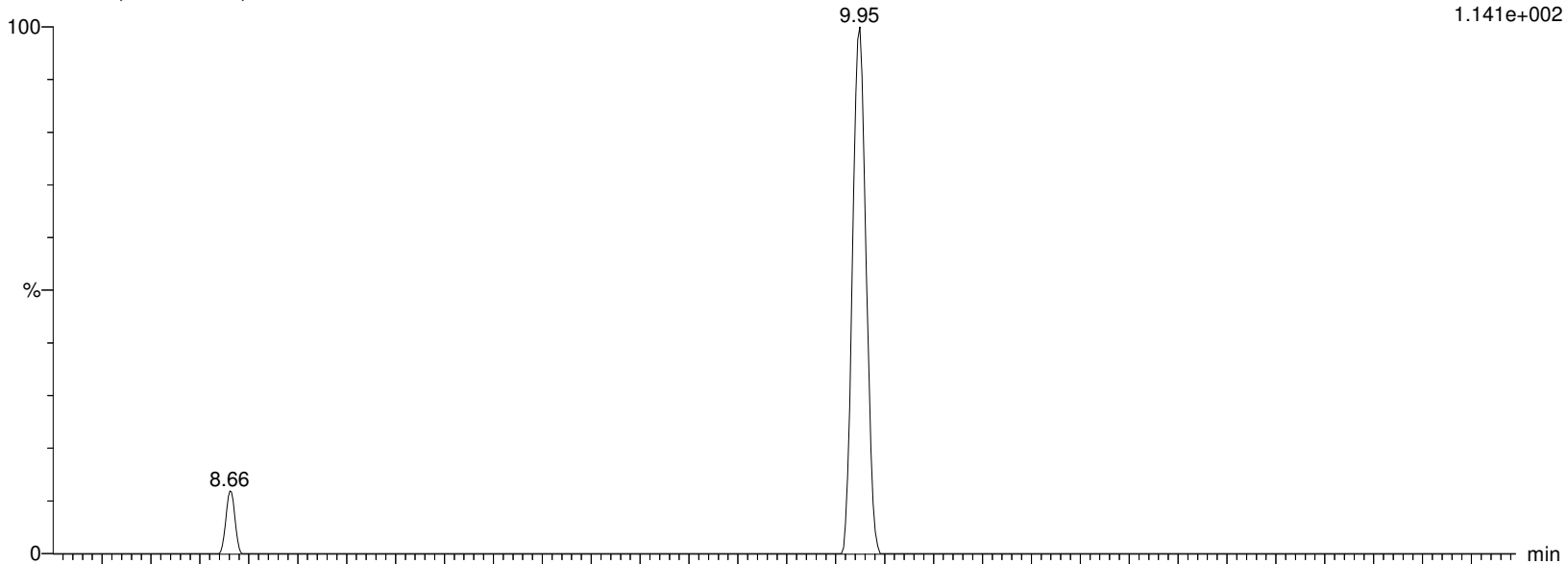
I3776 Smooth(Mn,3x2)

WG1225360, WG1224866, ICAL15513 WG1224866-1

F29:MRM of 2 channels, ES-

498.989 > 80.294

1.141e+002



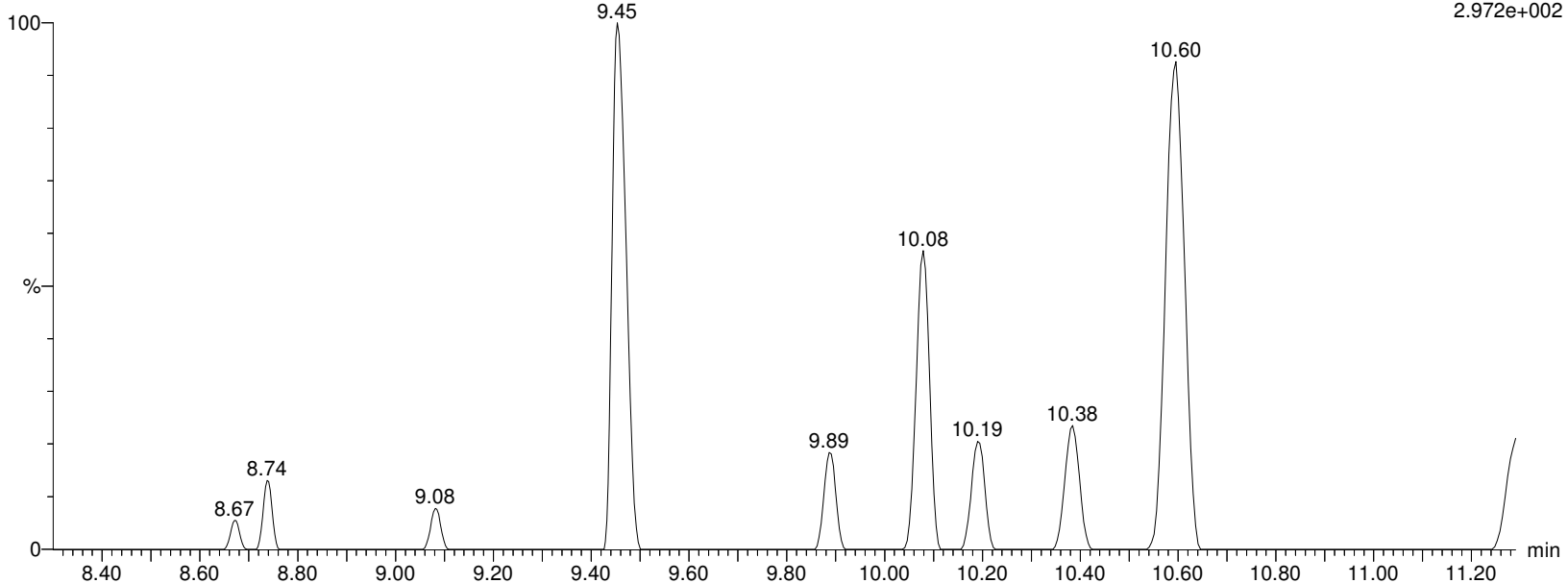
I3776 Smooth(Mn,3x2)

WG1225360, WG1224866, ICAL15513 WG1224866-1

F29:MRM of 2 channels, ES-

498.989 > 99.27

2.972e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOS

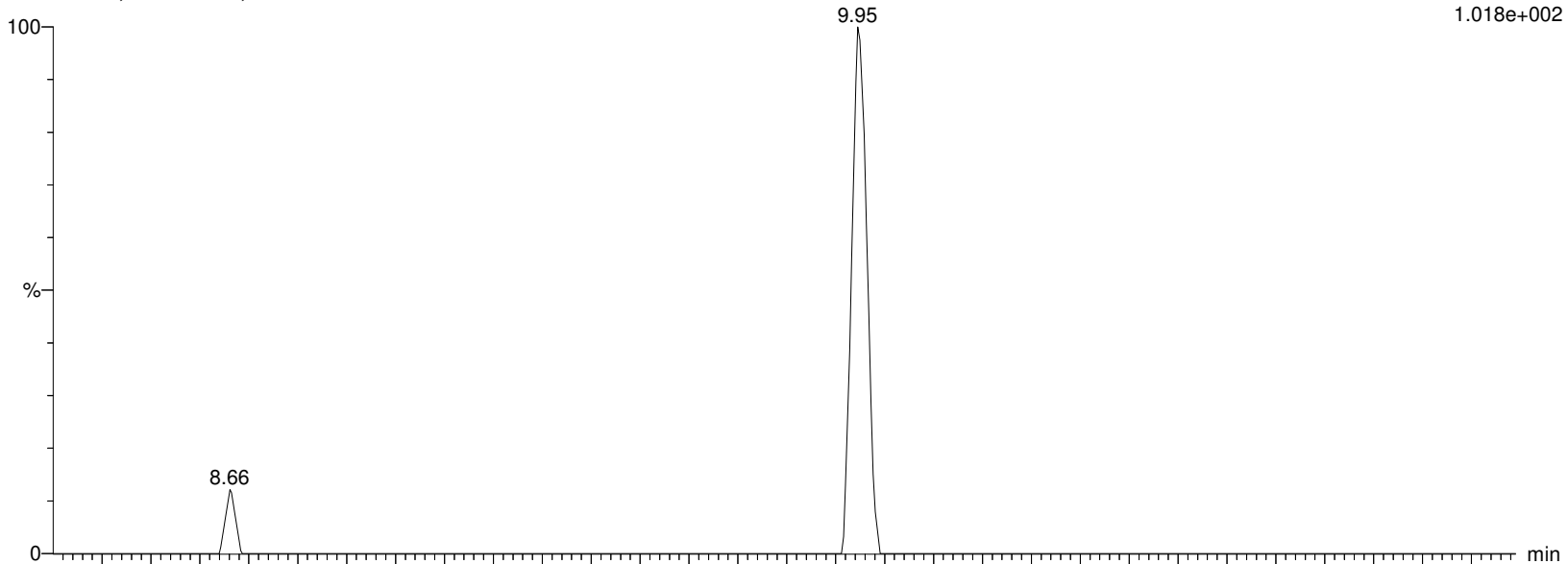
I3776 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F29:MRM of 2 channels,ES-

498.989 > 80.294

1.018e+002



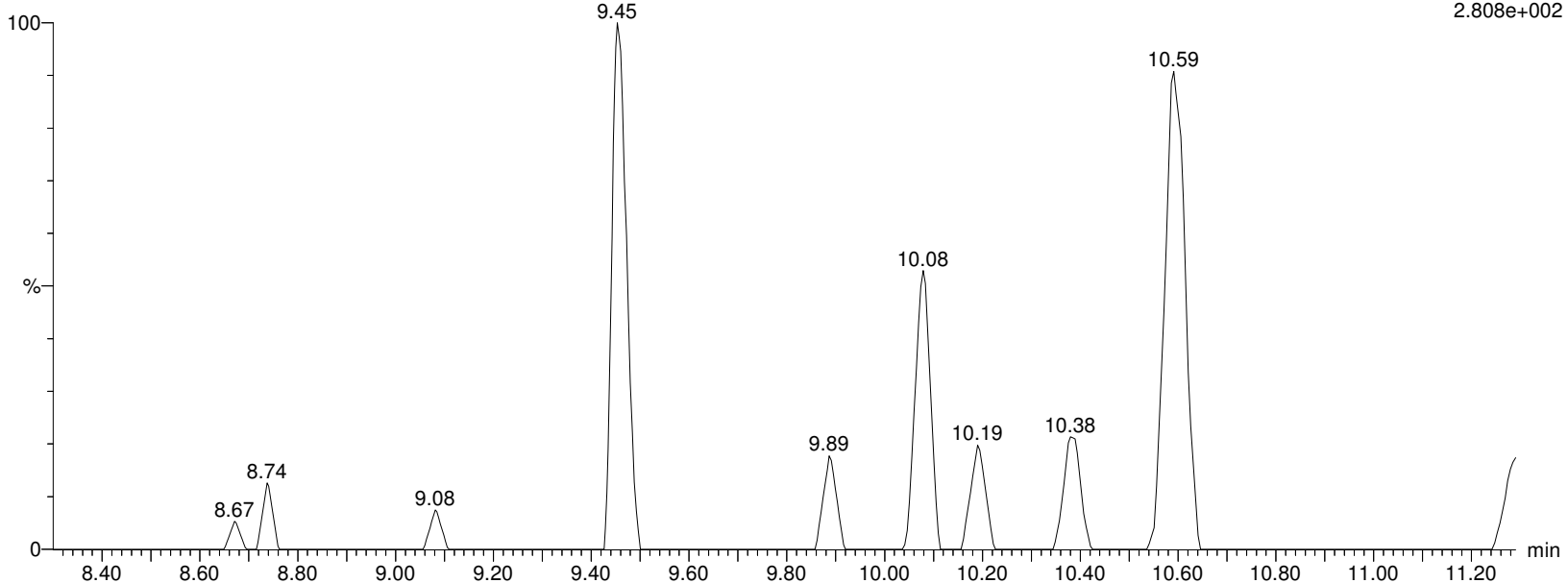
I3776 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F29:MRM of 2 channels,ES-

498.989 > 99.27

2.808e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOS

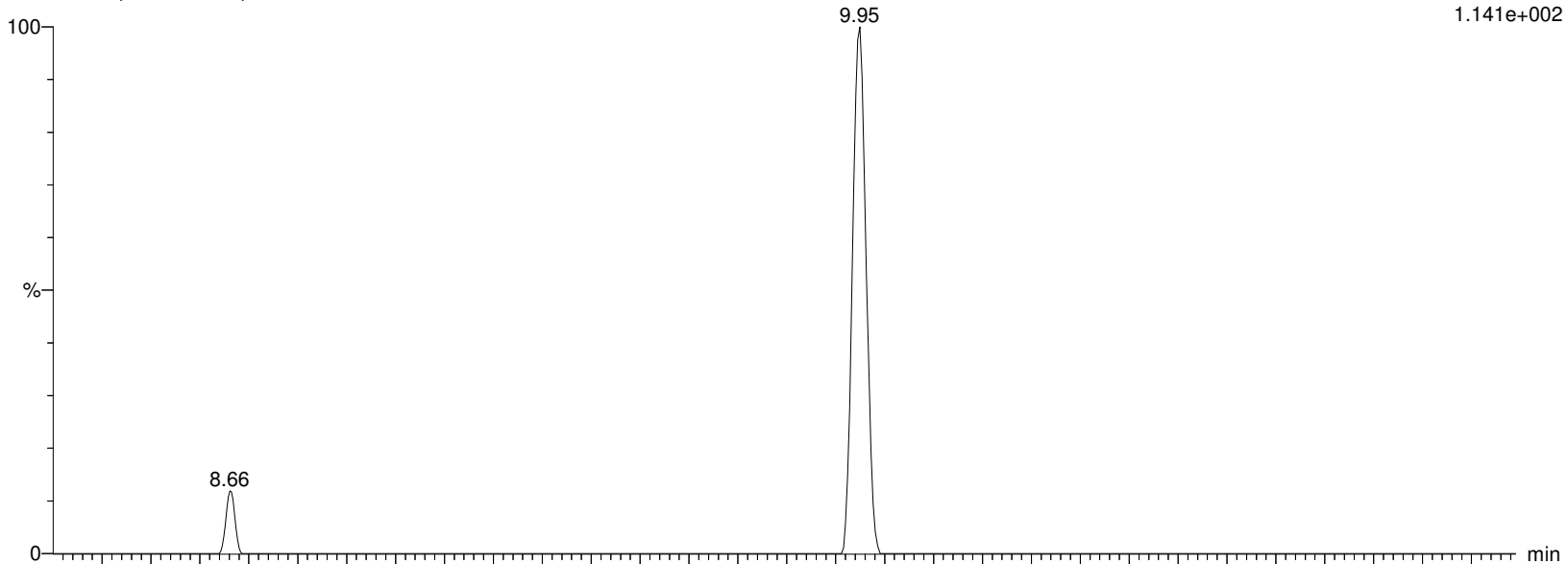
I3776 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F29:MRM of 2 channels,ES-

498.989 > 80.294

1.141e+002



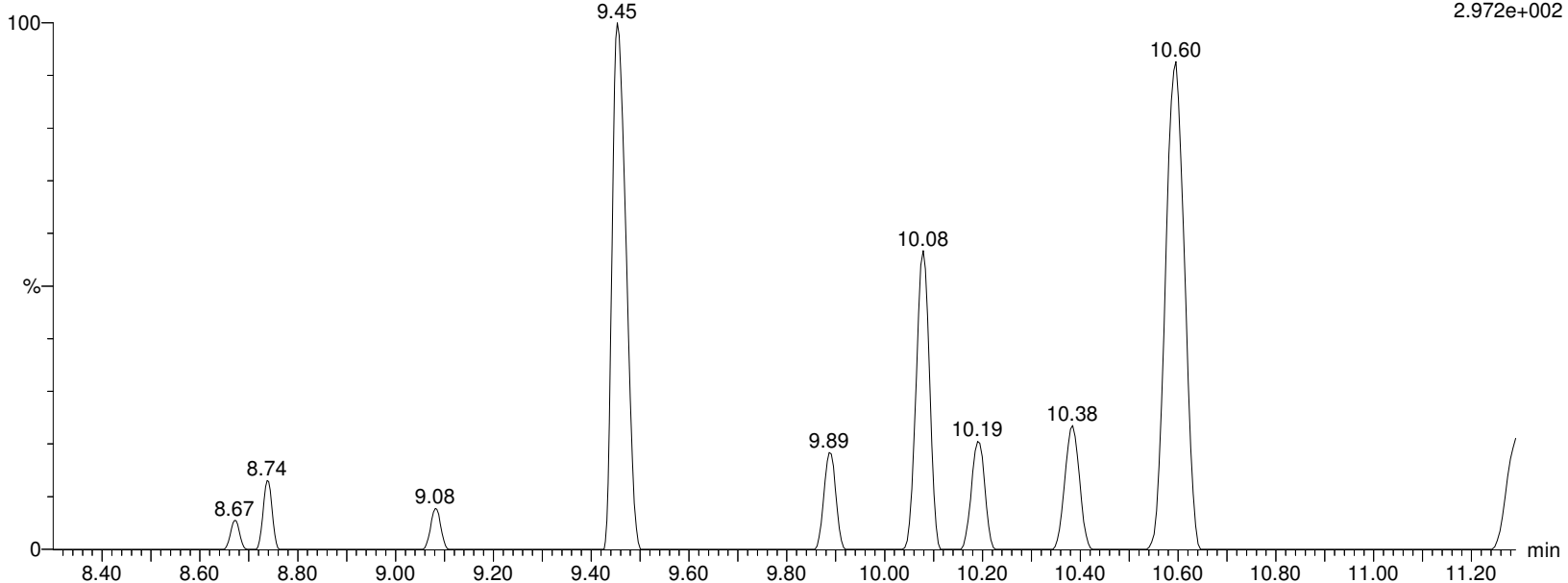
I3776 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F29:MRM of 2 channels,ES-

498.989 > 99.27

2.972e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFOS

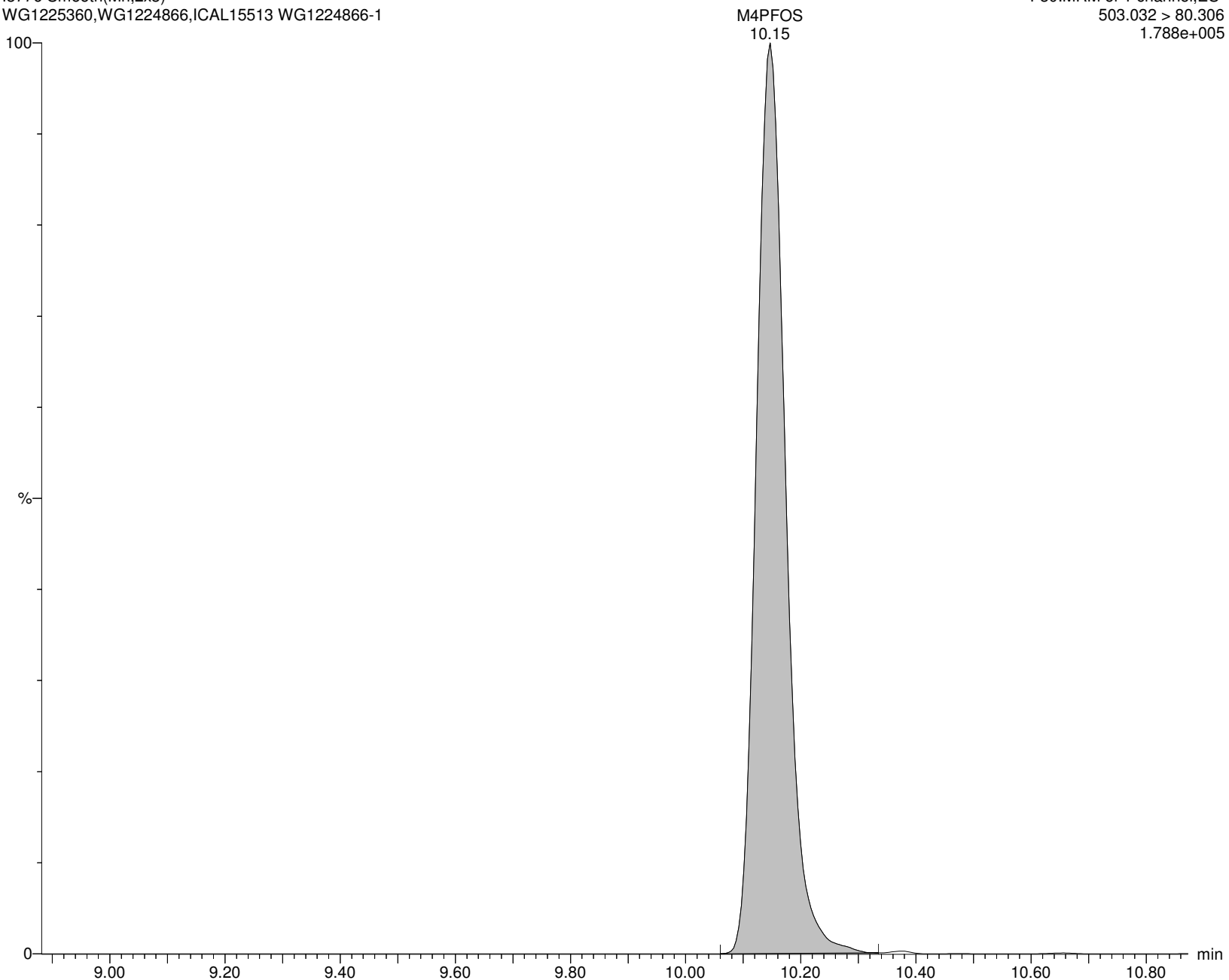
I3776 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F30:MRM of 1 channel,ES-

503.032 > 80.306

1.788e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOS

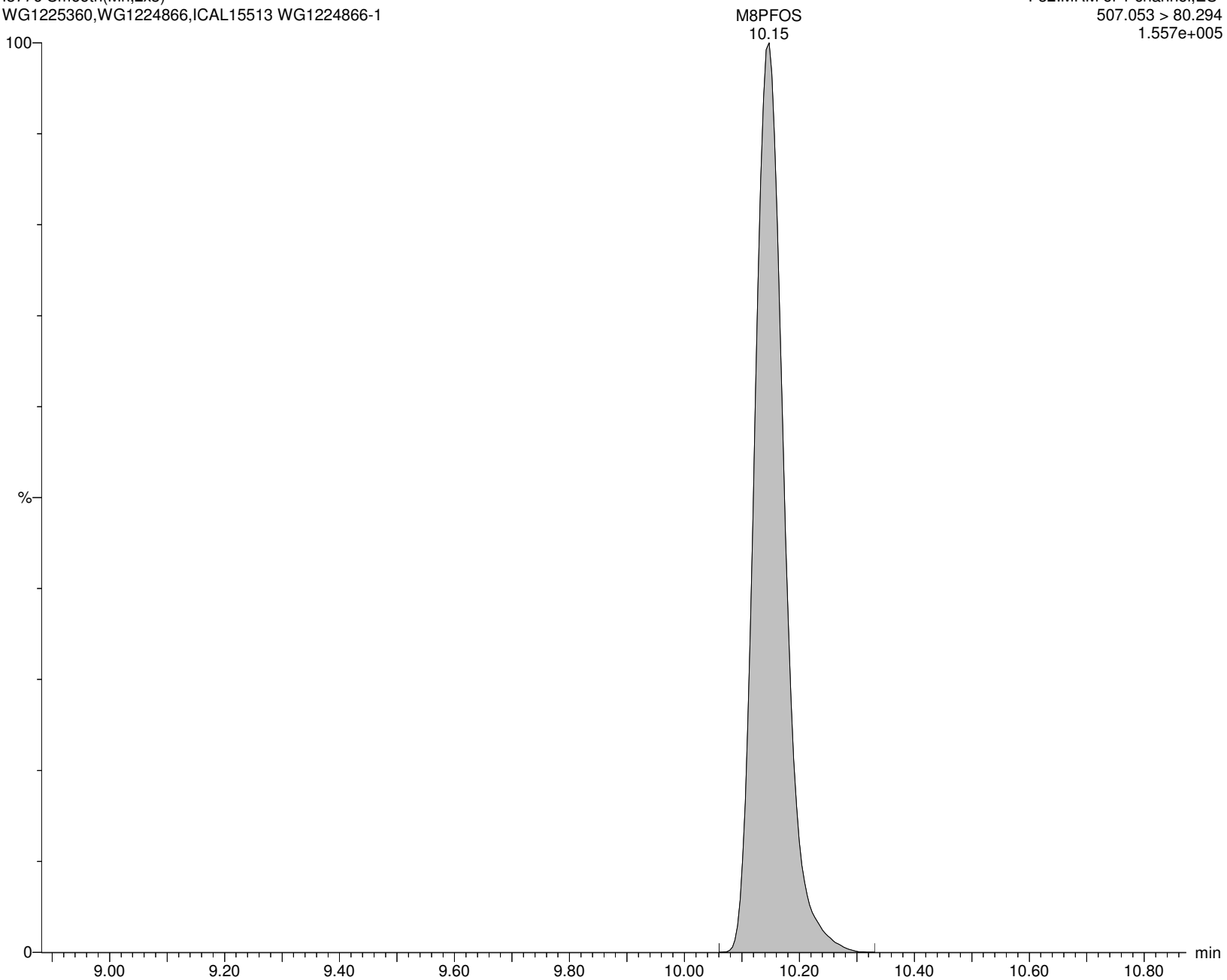
I3776 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F32:MRM of 1 channel,ES-

507.053 > 80.294

1.557e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDA

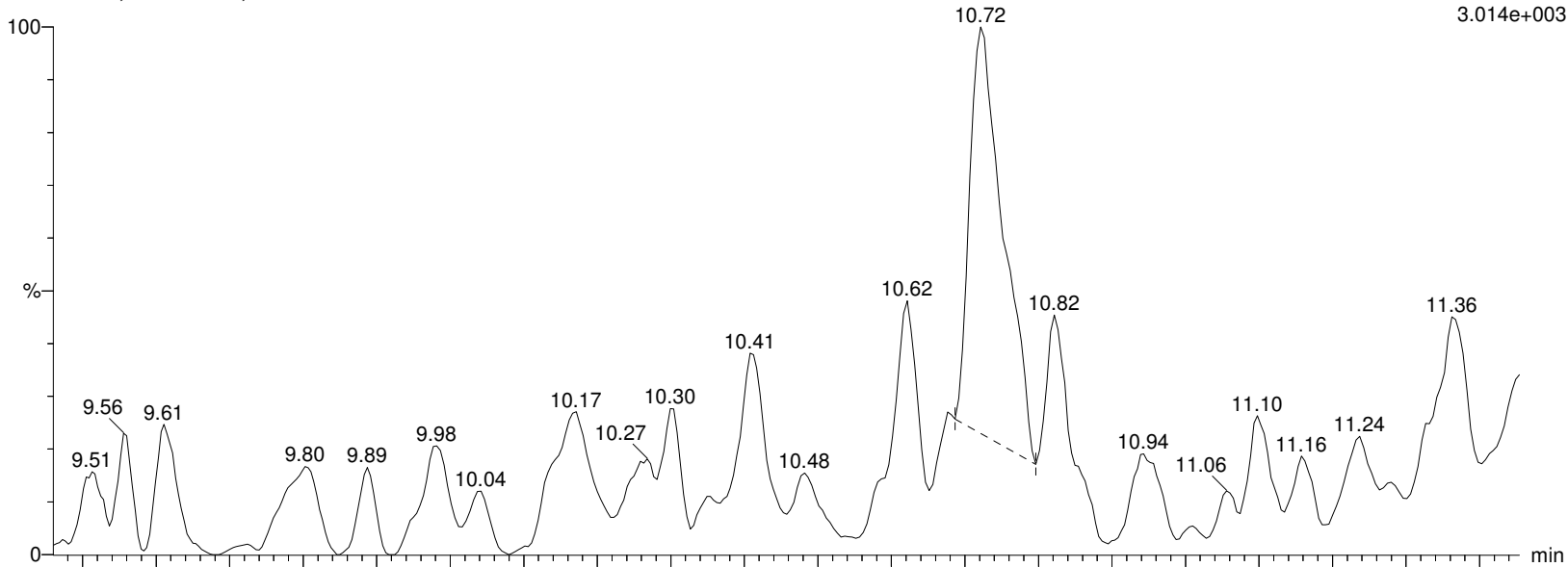
I3776 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F33:MRM of 2 channels,ES-

513.053 > 468.906

3.014e+003



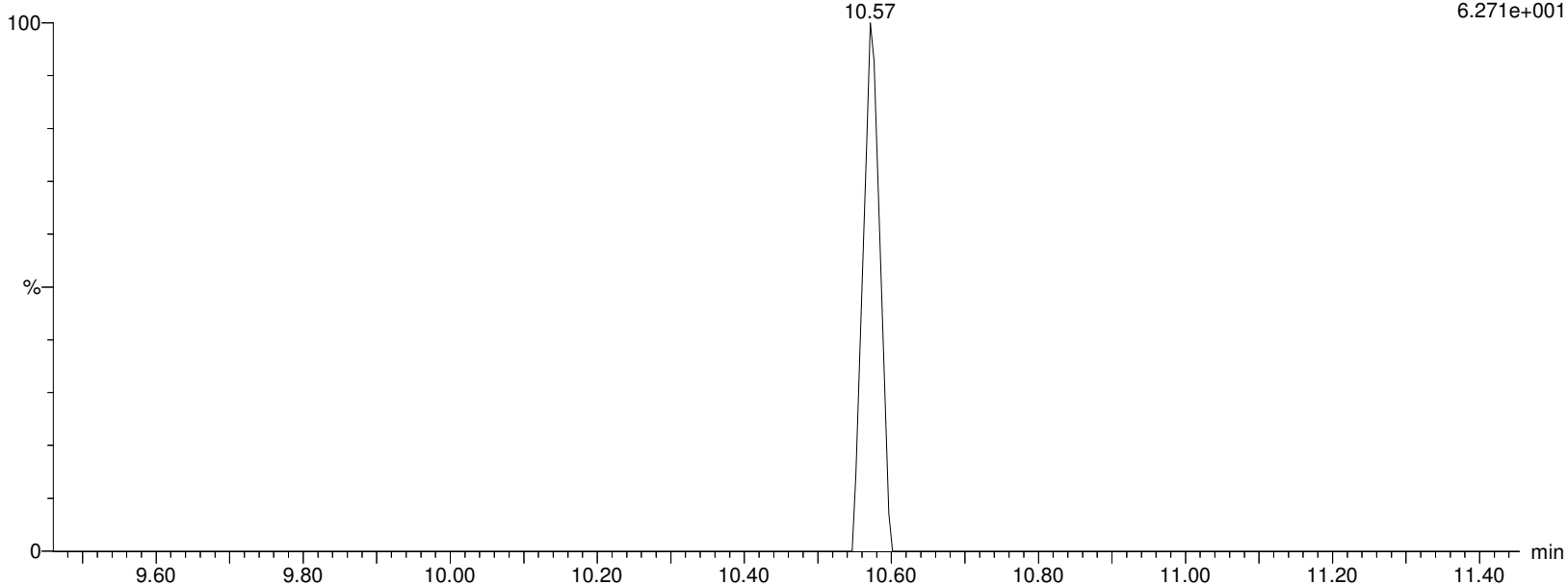
I3776 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F33:MRM of 2 channels,ES-

513.053 > 219.08

6.271e+001



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFDA

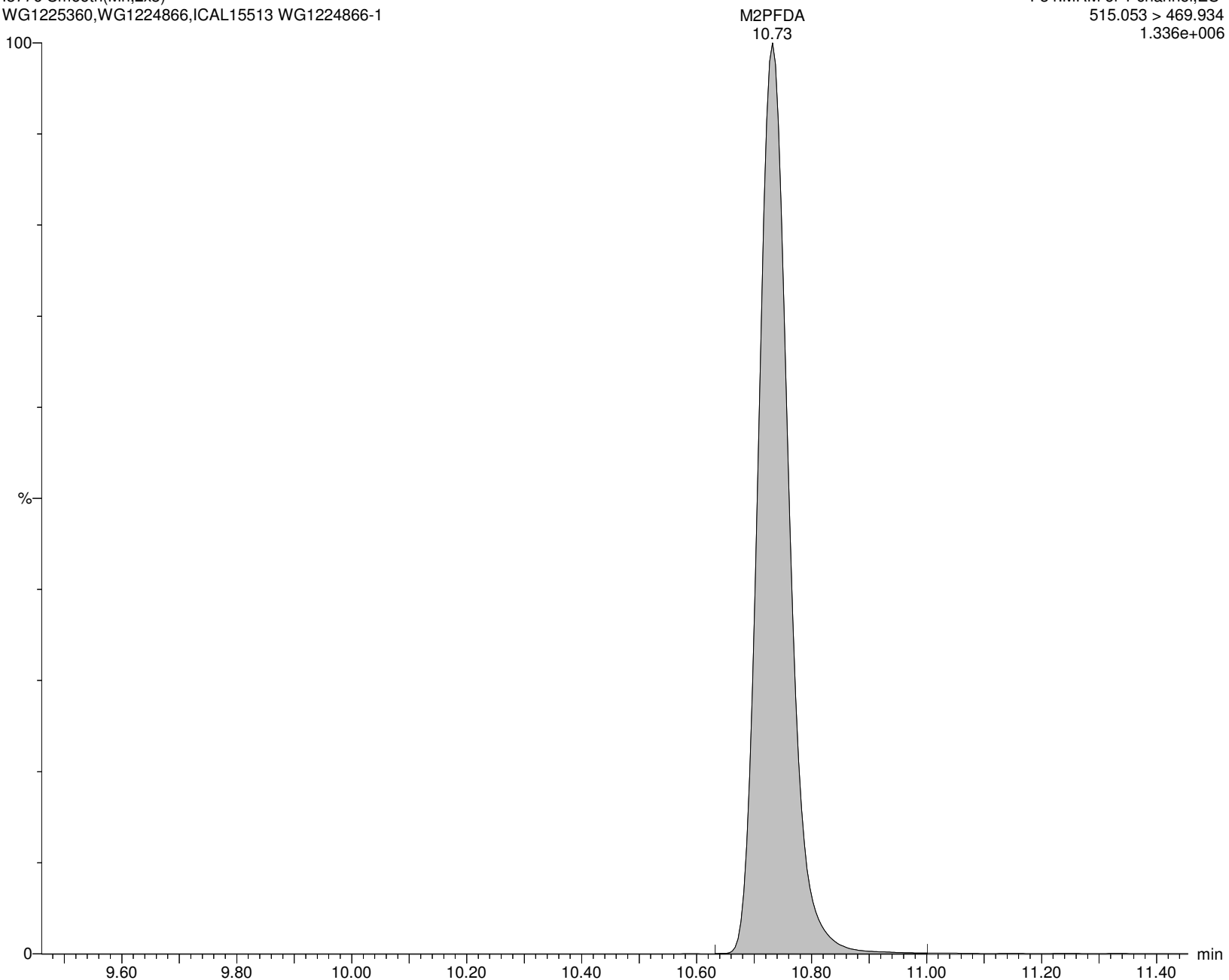
I3776 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F34:MRM of 1 channel,ES-

515.053 > 469.934

1.336e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M6PFDA

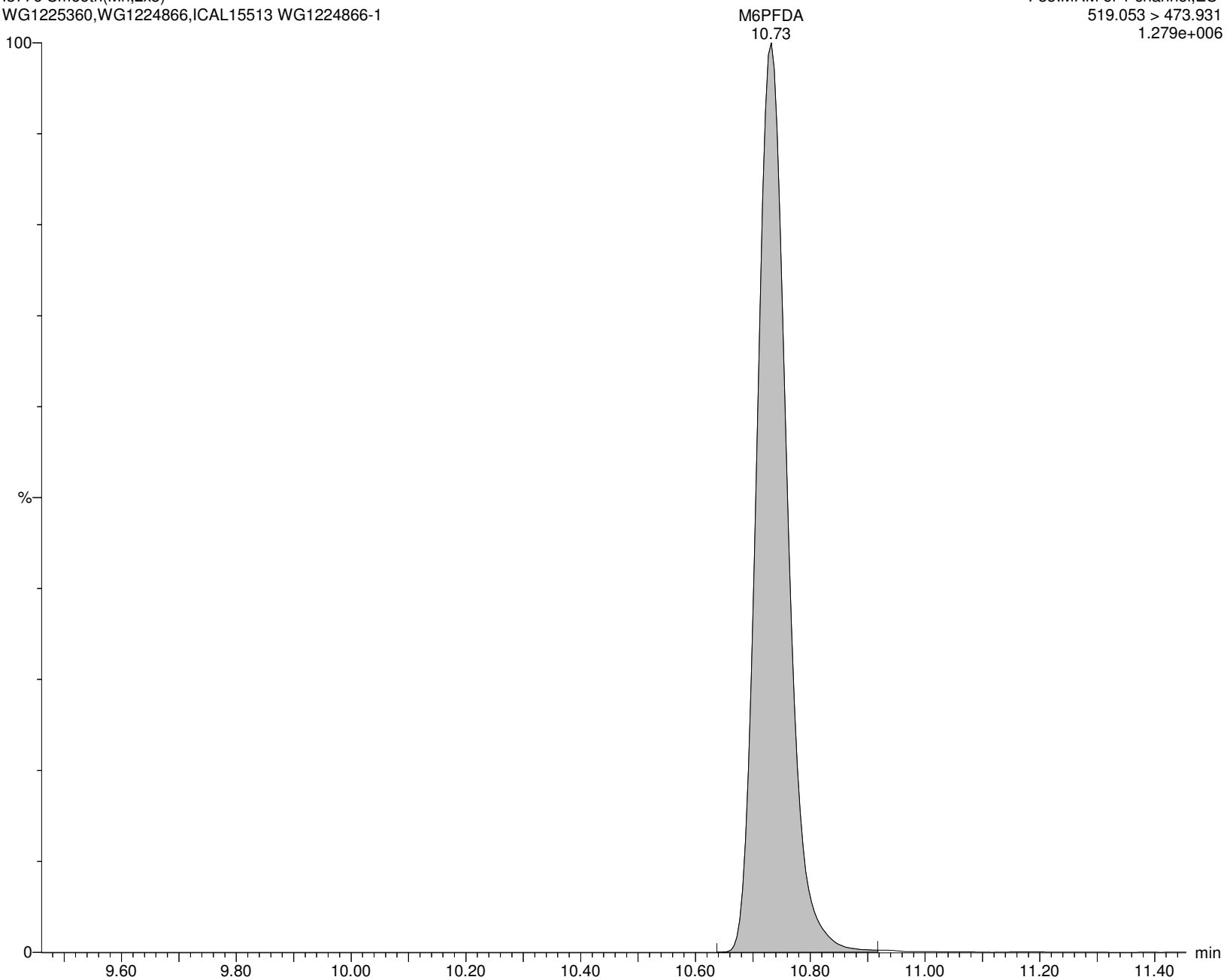
I3776 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F35:MRM of 1 channel,ES-

519.053 > 473.931

1.279e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

8:2FTS

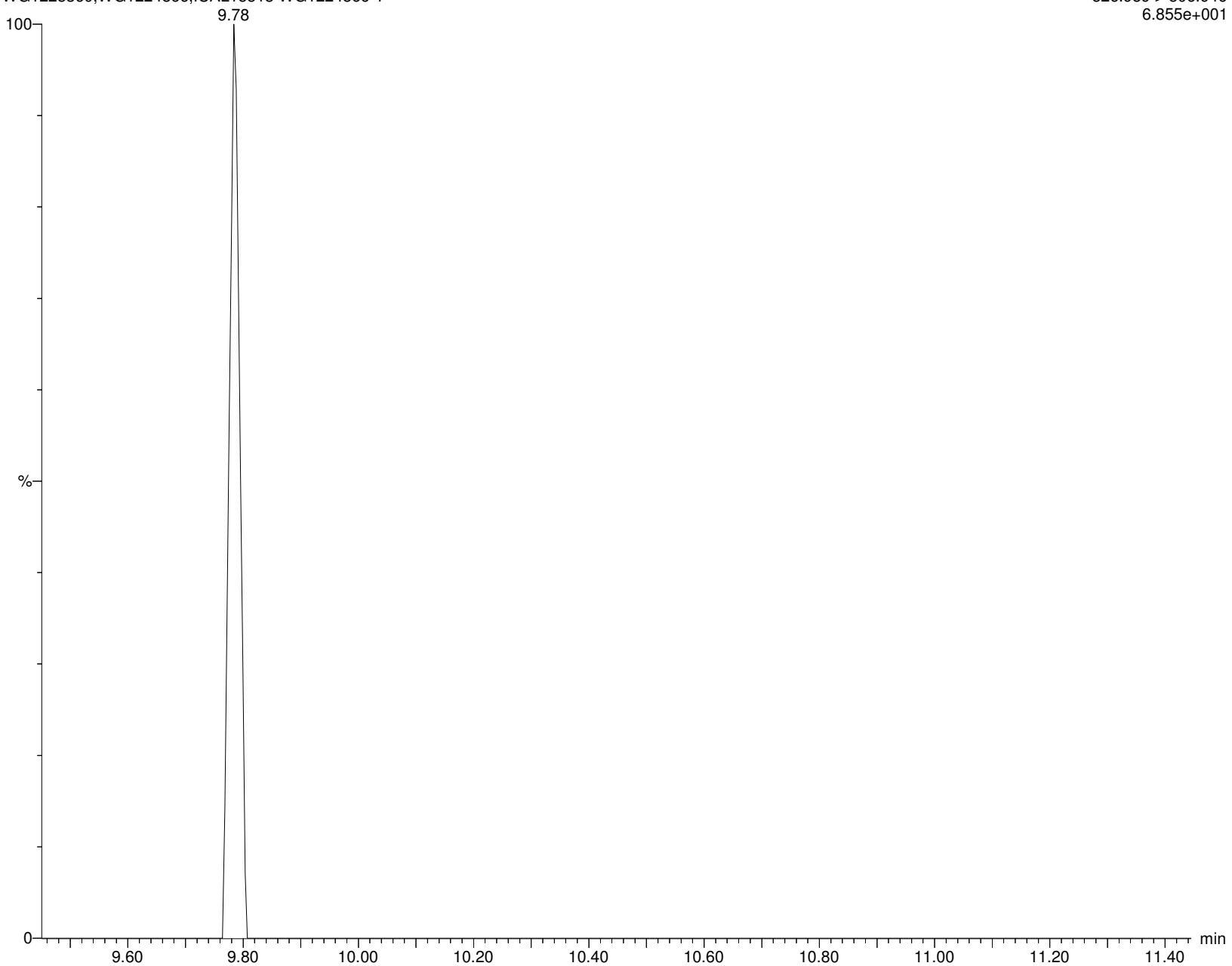
I3776 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-1

F36:MRM of 2 channels, ES-

526.989 > 506.946

6.855e+001



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-8:2FTS

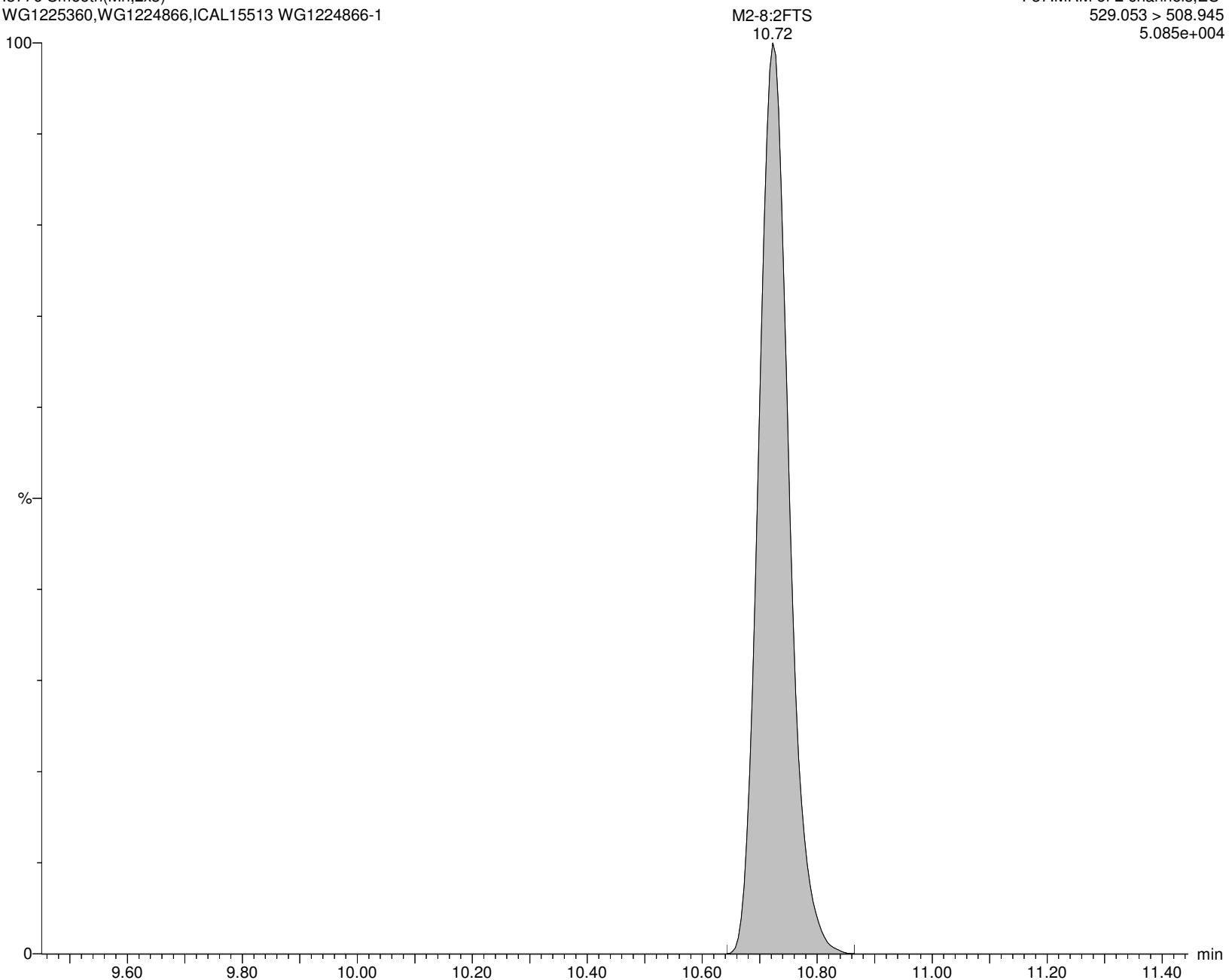
I3776 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F37:MRM of 2 channels,ES-

529.053 > 508.945

5.085e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNS

I3776 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F39:MRM of 2 channels,ES-

548.989 > 80.249

1.000e-003



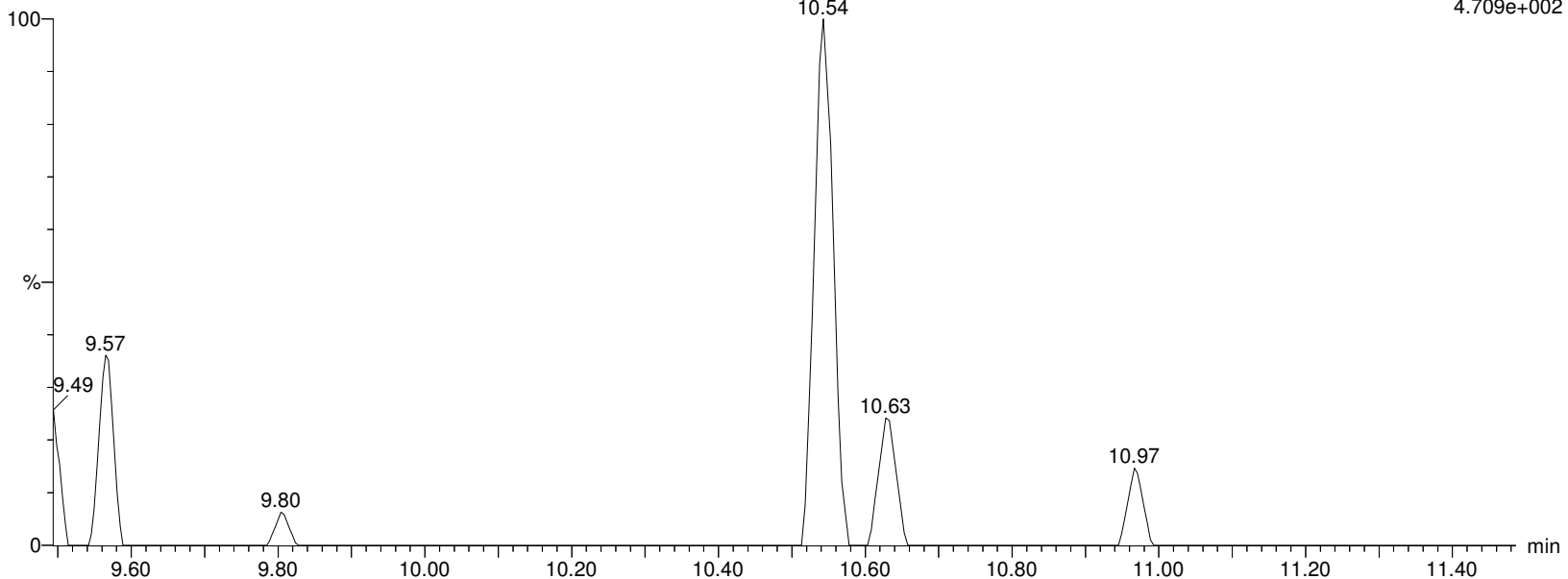
I3776 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F39:MRM of 2 channels,ES-

548.989 > 99.22

4.709e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d3-NMeFOSAA

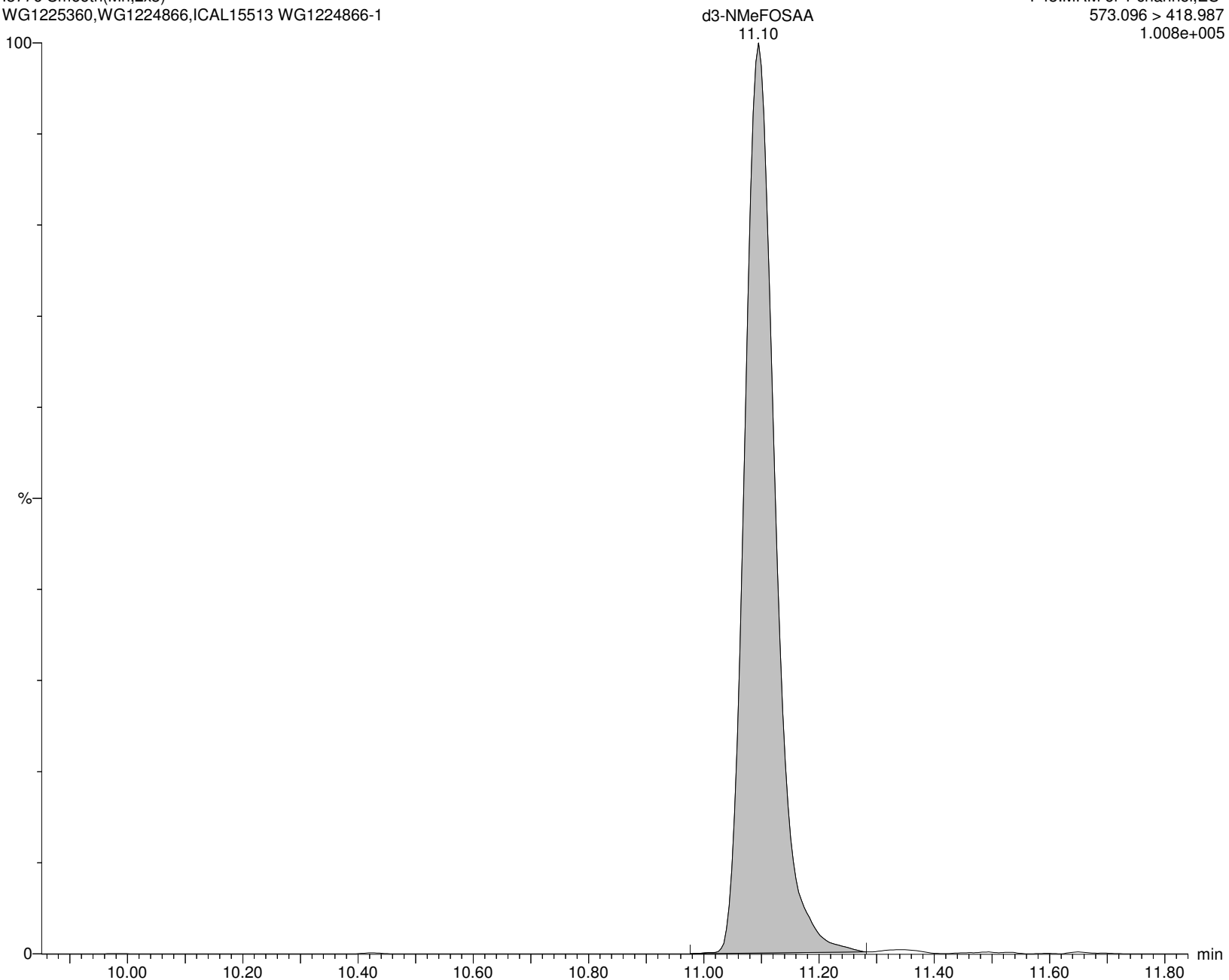
I3776 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F43:MRM of 1 channel,ES-

573.096 > 418.987

1.008e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NMeFOSAA

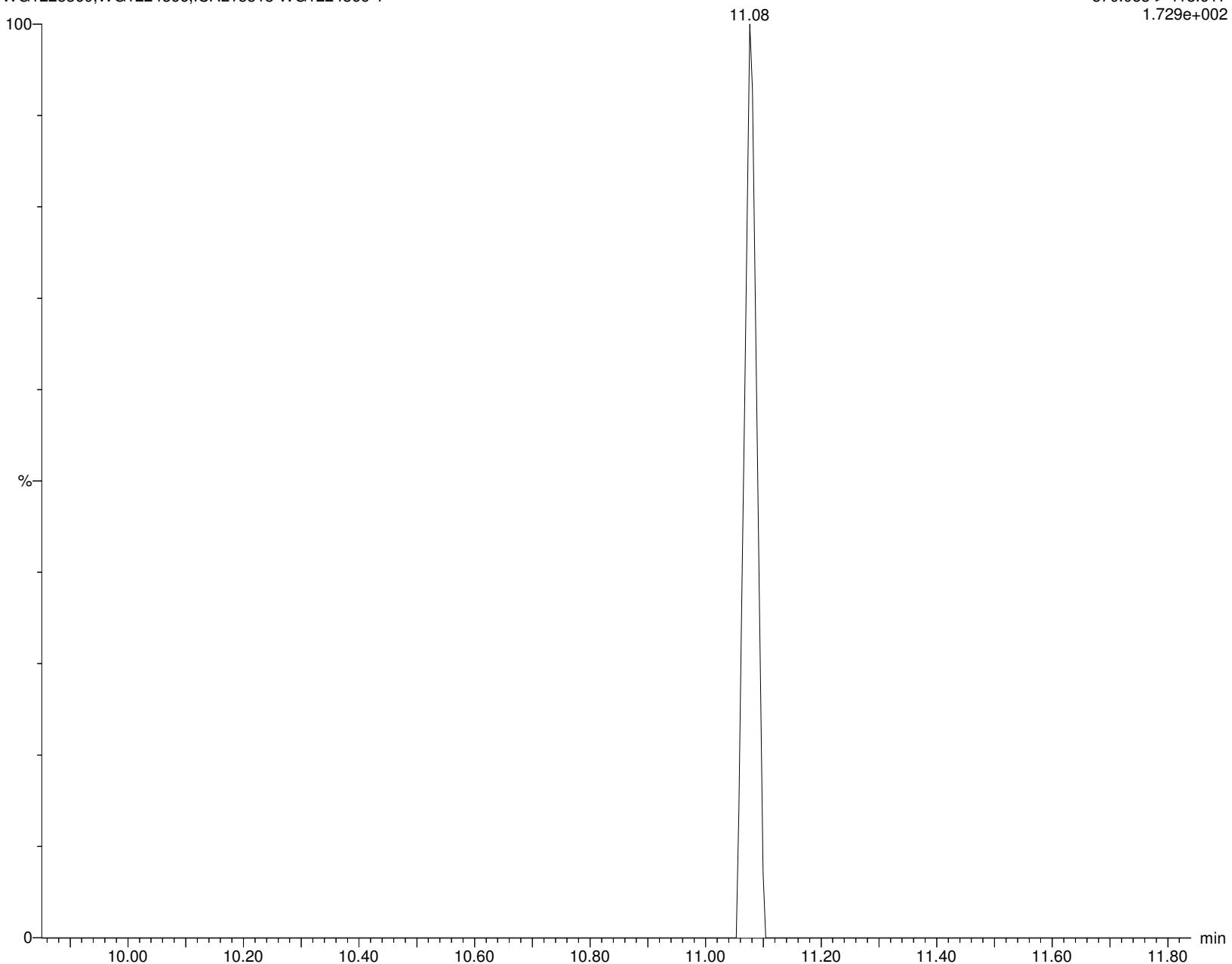
I3776 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F41:MRM of 1 channel,ES-

570.053 > 418.917

1.729e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFUnA

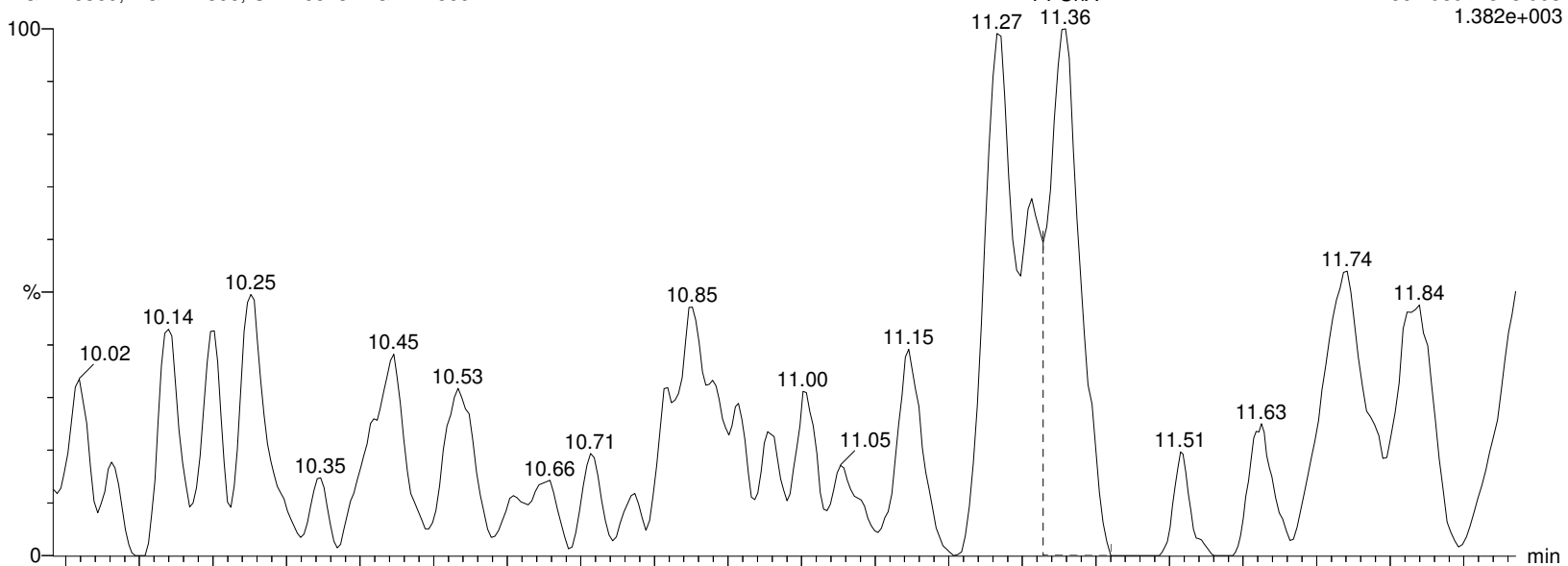
I3776 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F40:MRM of 2 channels,ES-

562.989 > 518.903

1.382e+003



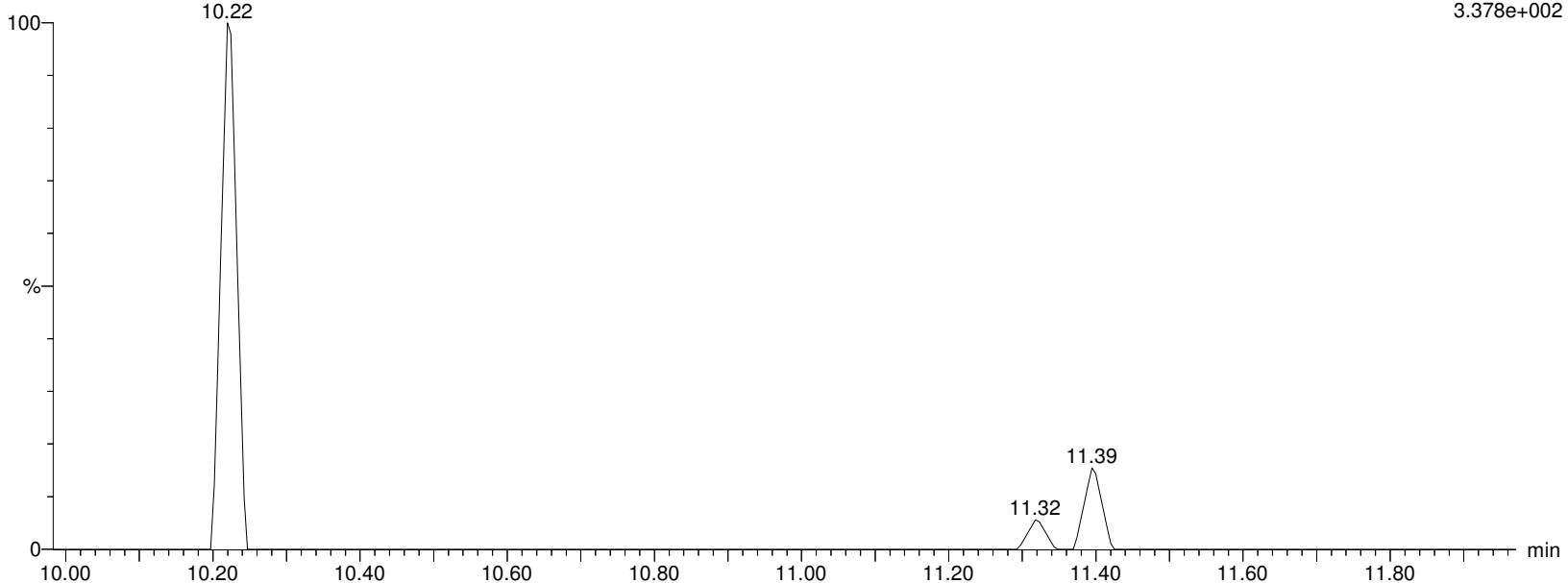
I3776 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F40:MRM of 2 channels,ES-

562.989 > 269.01

3.378e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M7-PFUDA

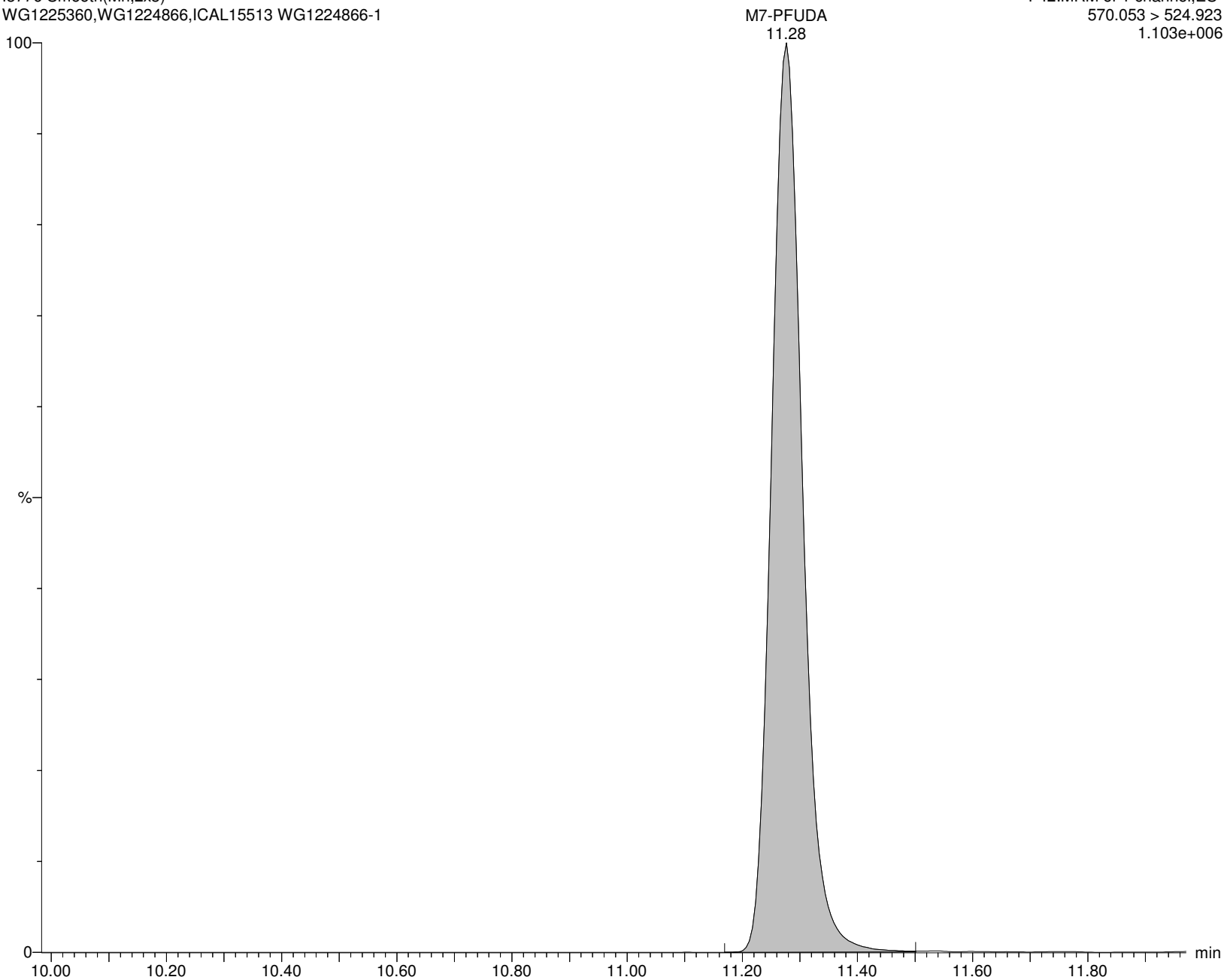
I3776 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F42:MRM of 1 channel,ES-

570.053 > 524.923

1.103e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDS

I3776 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F46:MRM of 2 channels,ES-

598.926 > 80.314

1.000e-003



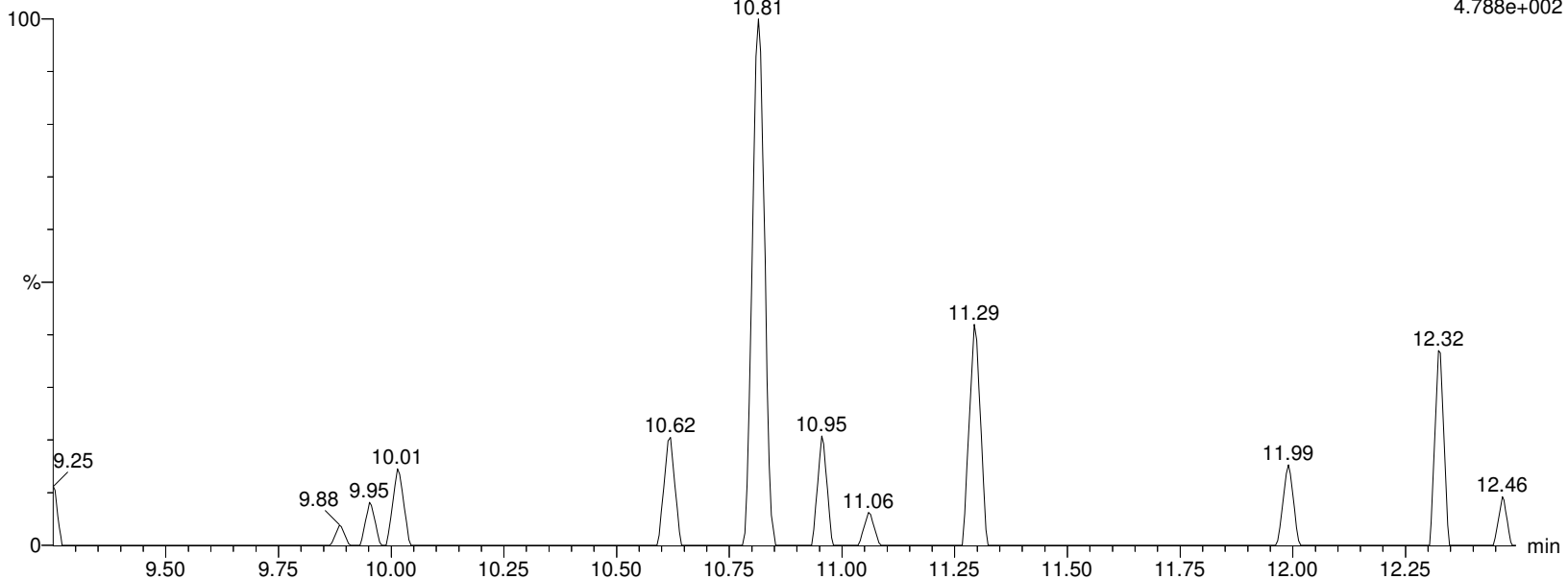
I3776 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F46:MRM of 2 channels,ES-

598.926 > 99.22

4.788e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

FOSA

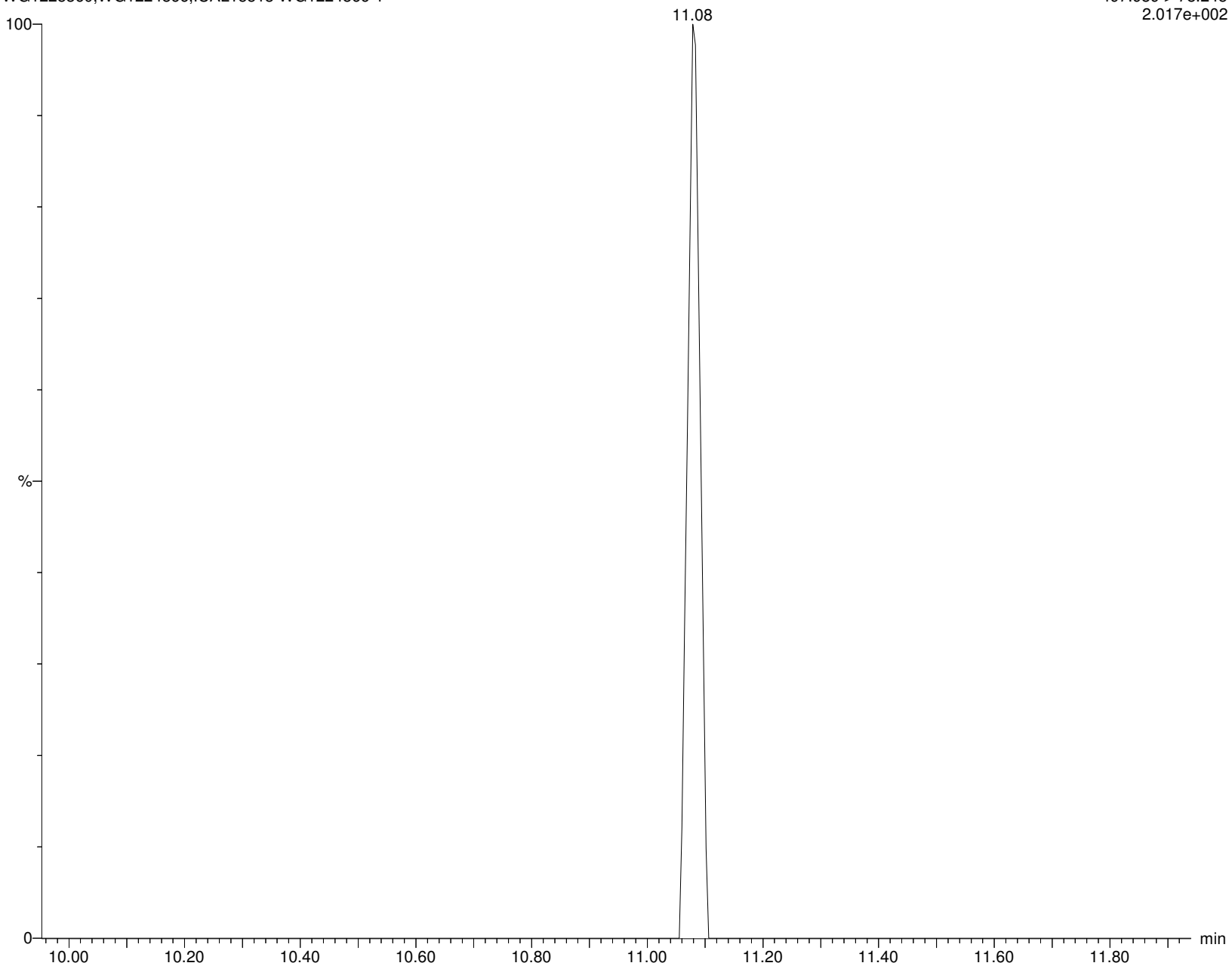
I3776 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F28:MRM of 2 channels,ES-

497.989 > 78.245

2.017e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8FOSA

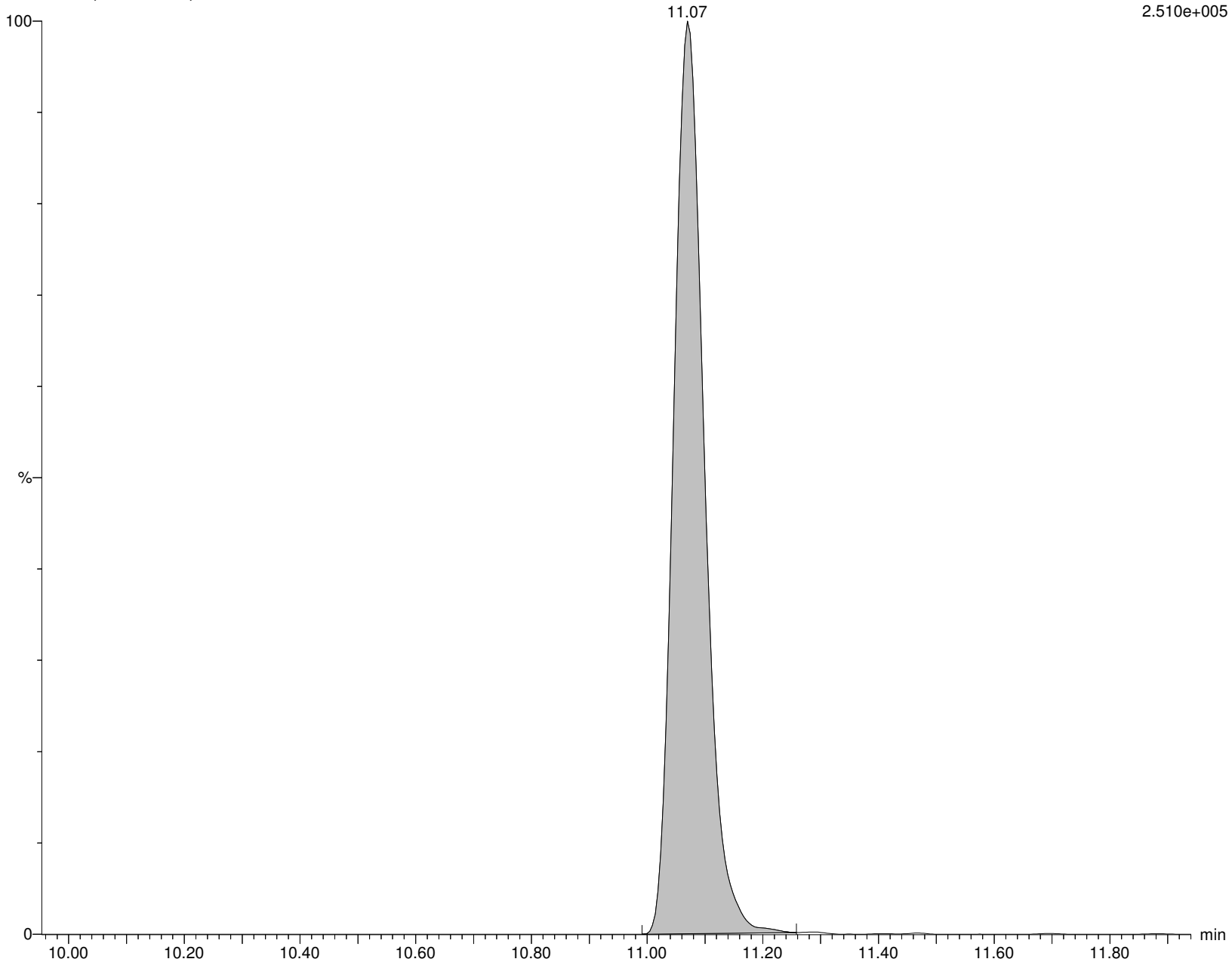
I3776 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F31:MRM of 1 channel,ES-

506.053 > 78.286

2.510e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d5-NEtFOSAA

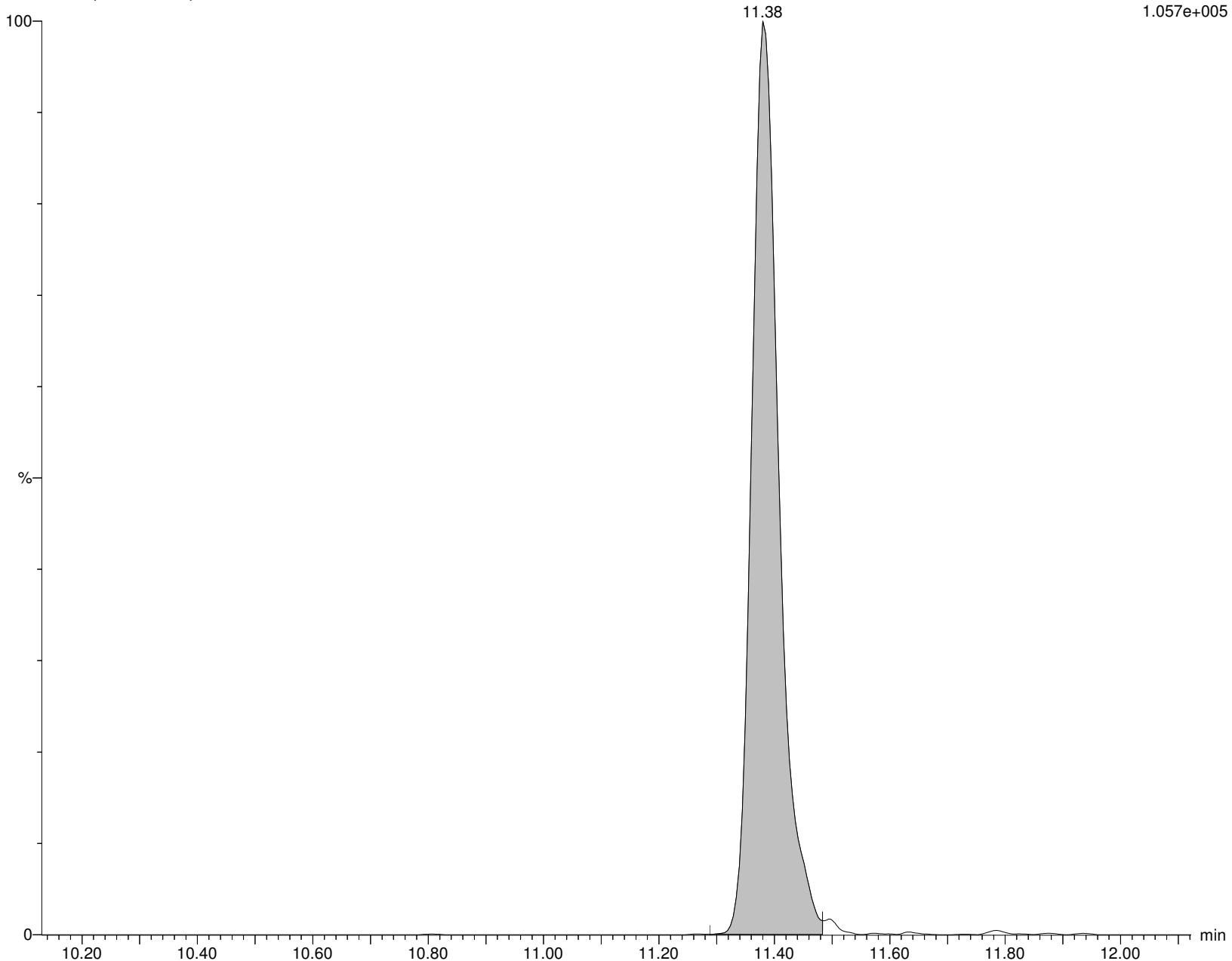
I3776 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F45:MRM of 1 channel,ES-

589.117 > 418.929

1.057e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NEtFOSAA

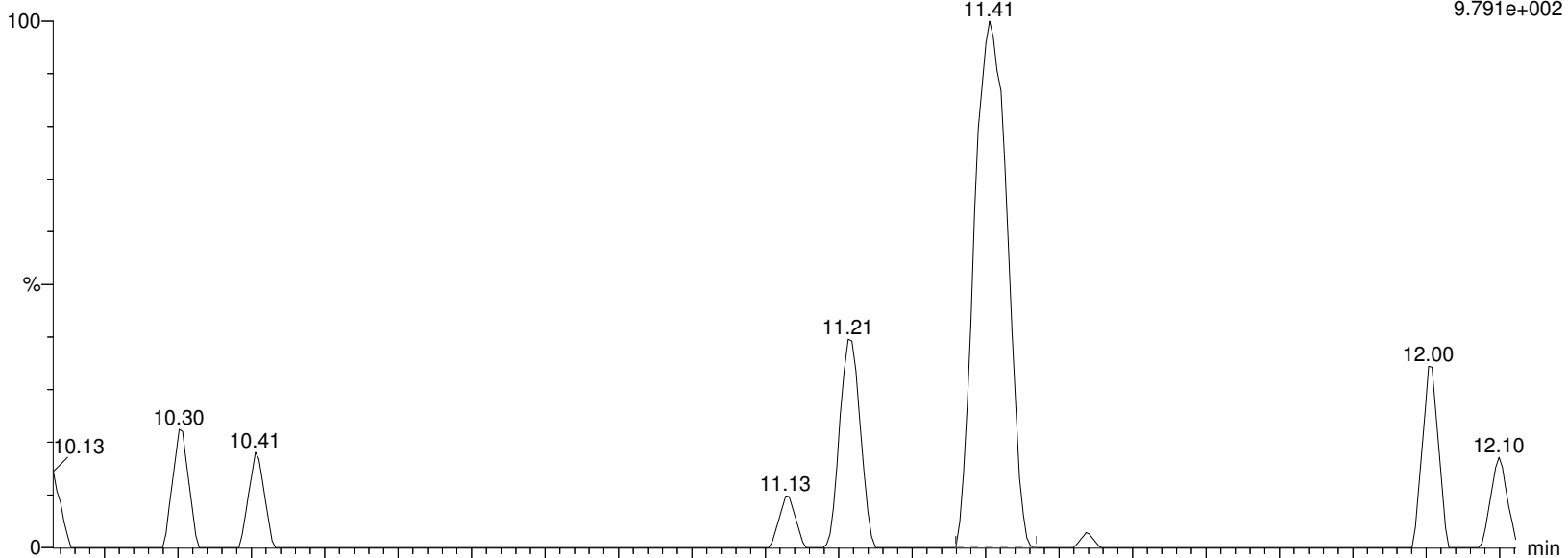
I3776 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F44:MRM of 2 channels,ES-

583.989 > 418.927

9.791e+002



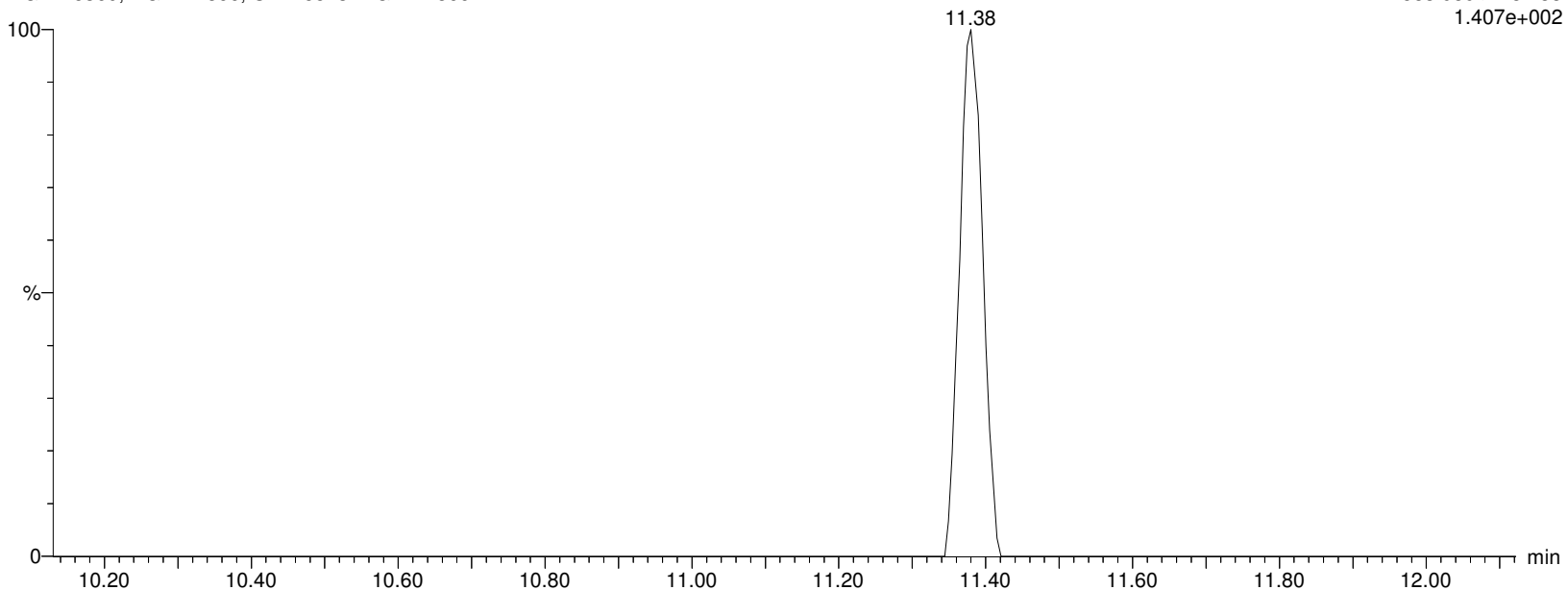
I3776 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F44:MRM of 2 channels,ES-

583.989 > 482.88

1.407e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDoA

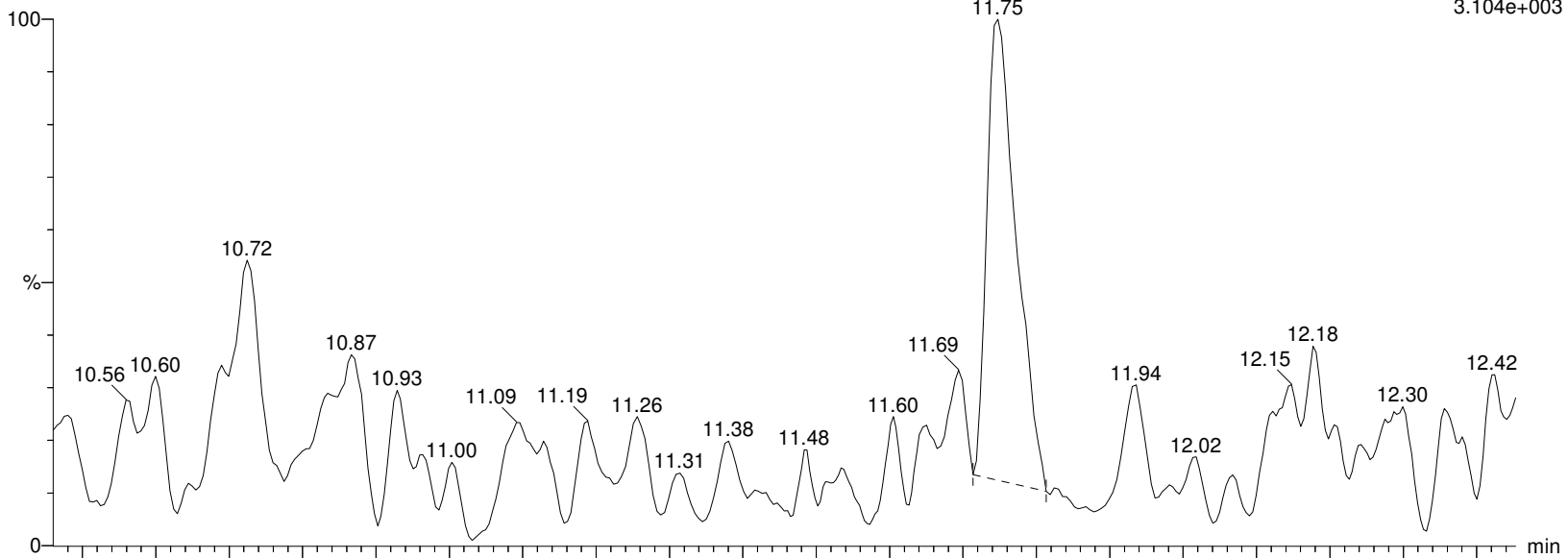
I3776 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F47:MRM of 2 channels,ES-

612.989 > 568.967

3.104e+003



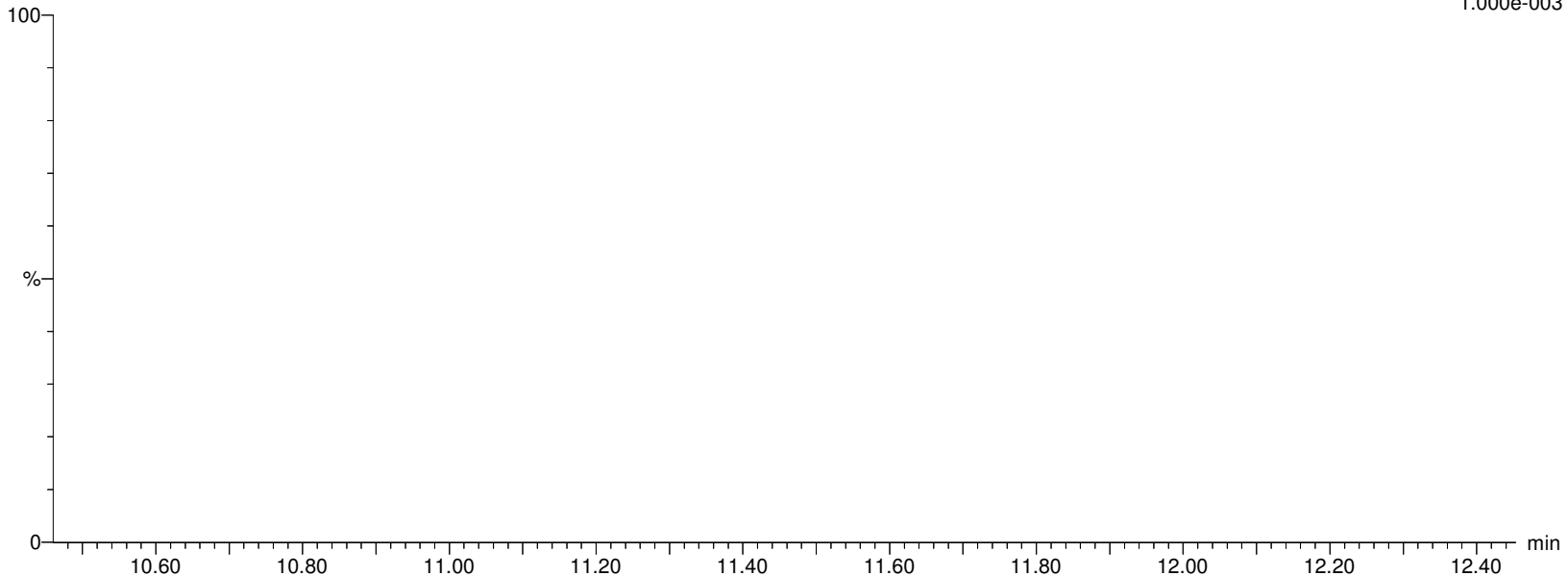
I3776 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F47:MRM of 2 channels,ES-

612.989 > 219.08

1.000e-003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFDOA

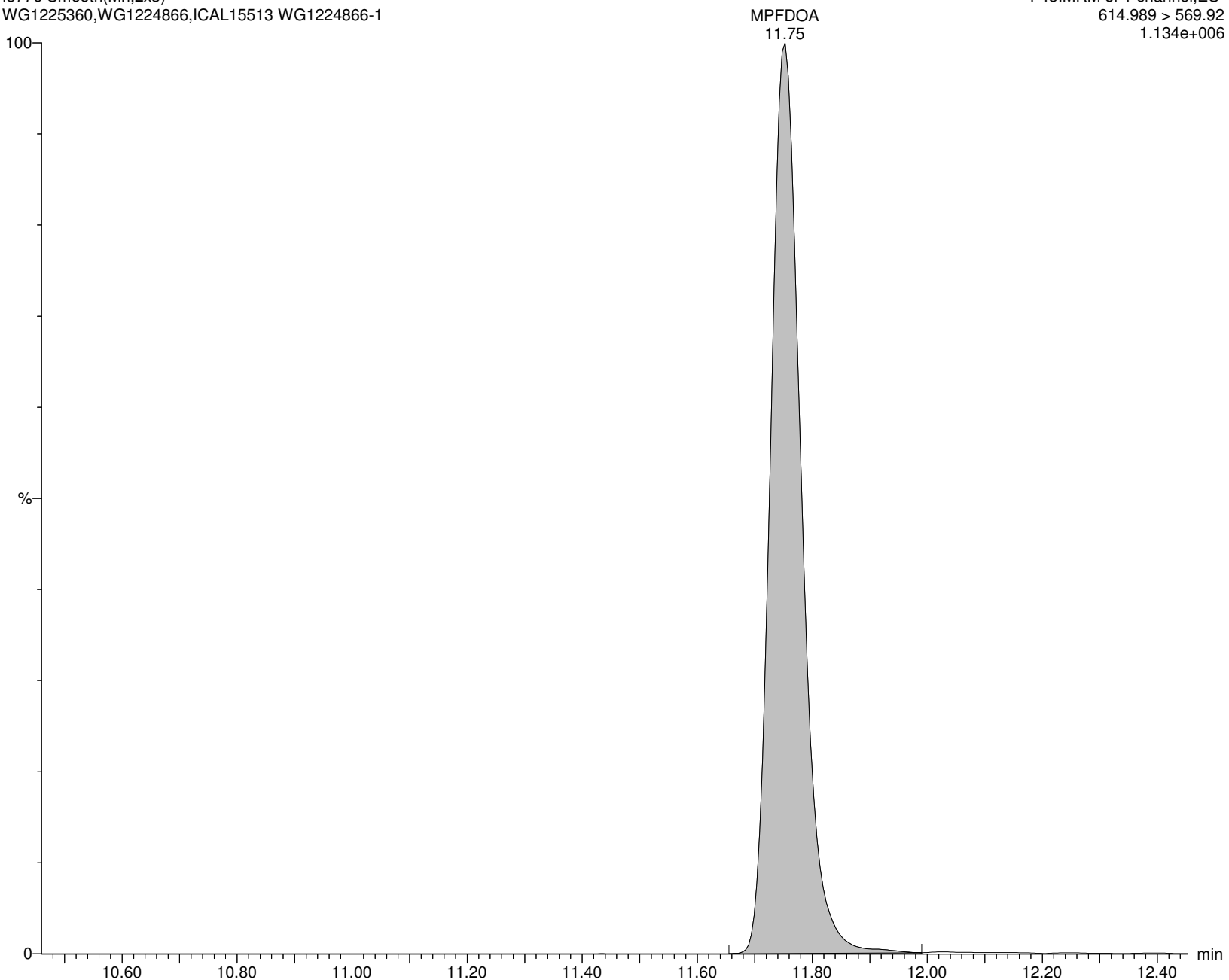
I3776 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F48:MRM of 1 channel,ES-

614.989 > 569.92

1.134e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

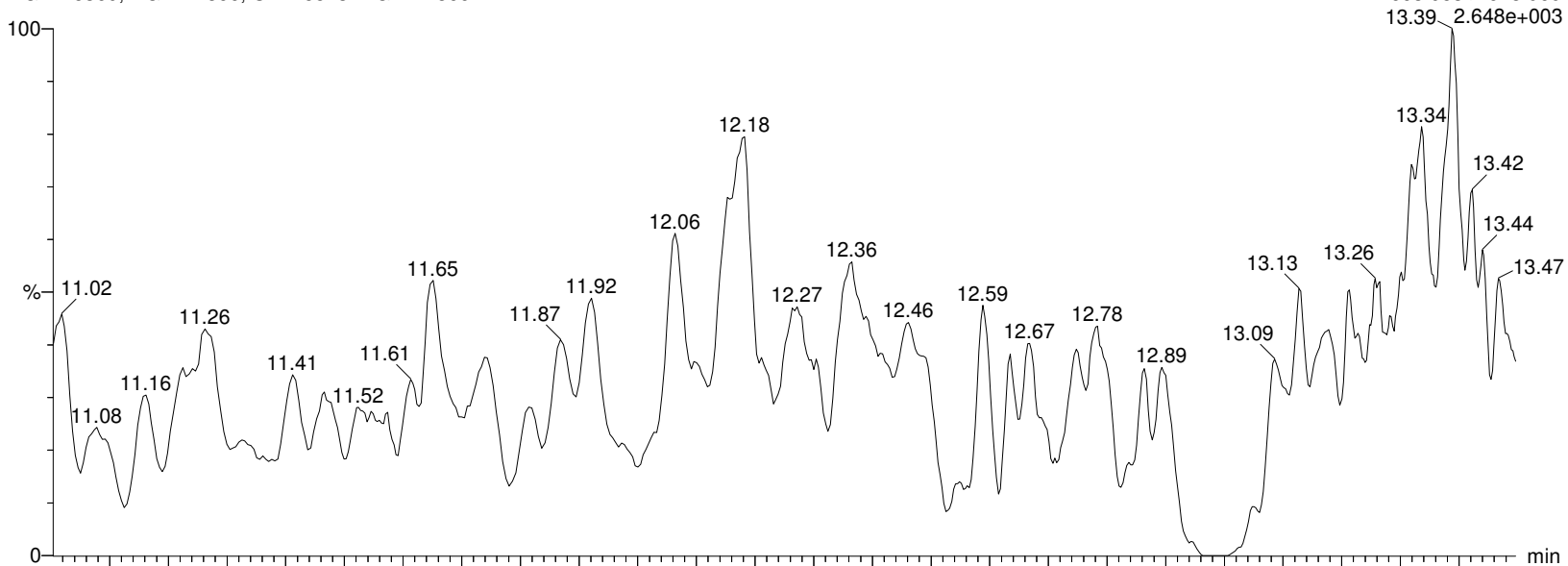
Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTTrDA

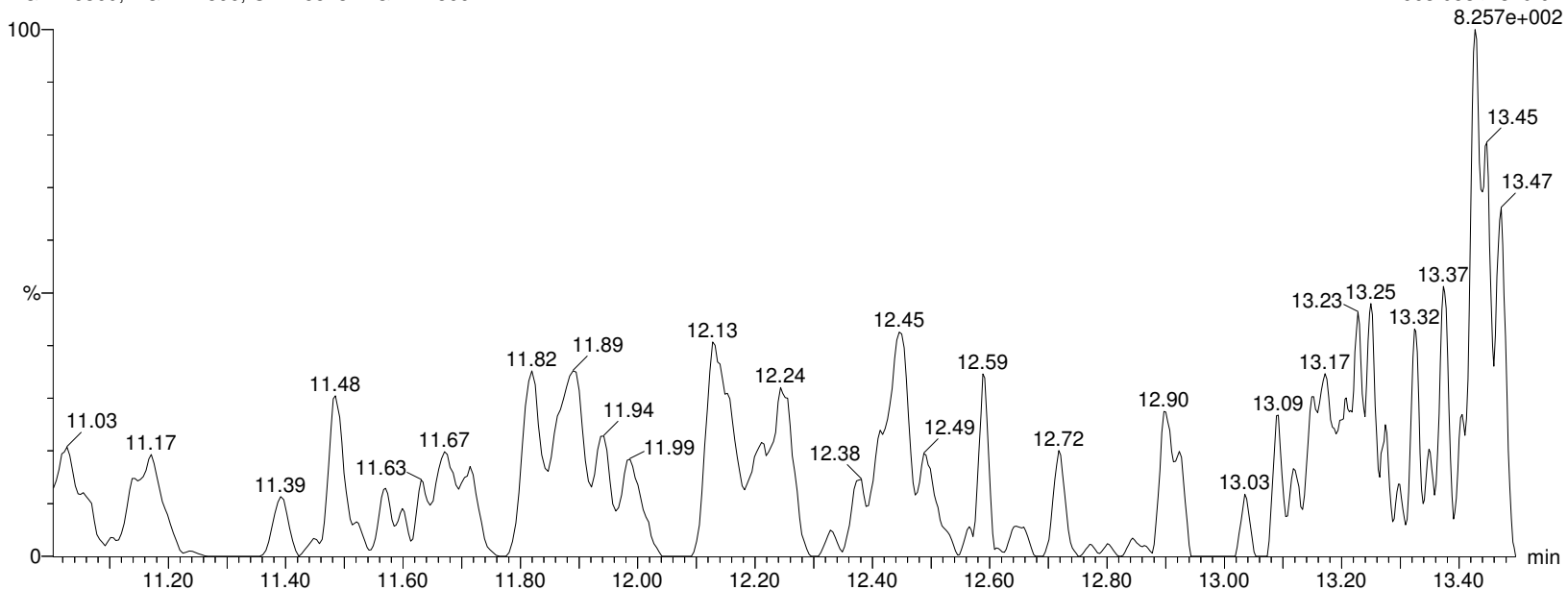
I3776 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-1



I3776 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-1



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

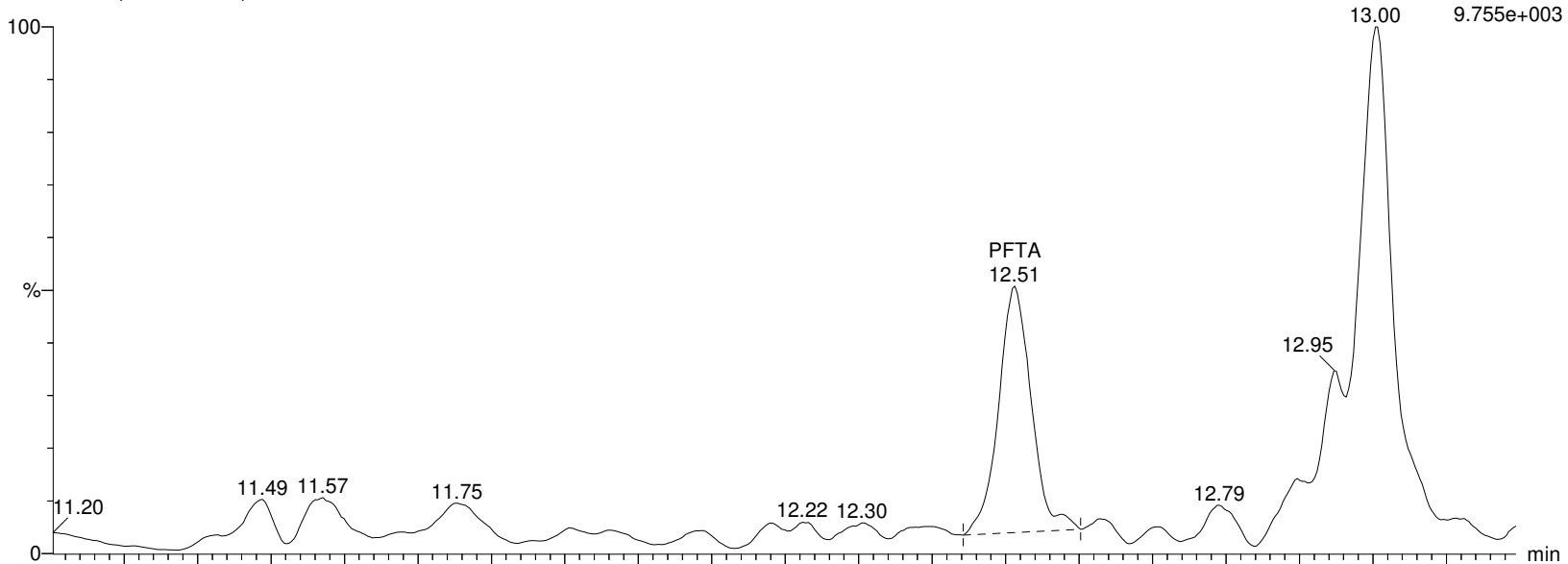
Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTA

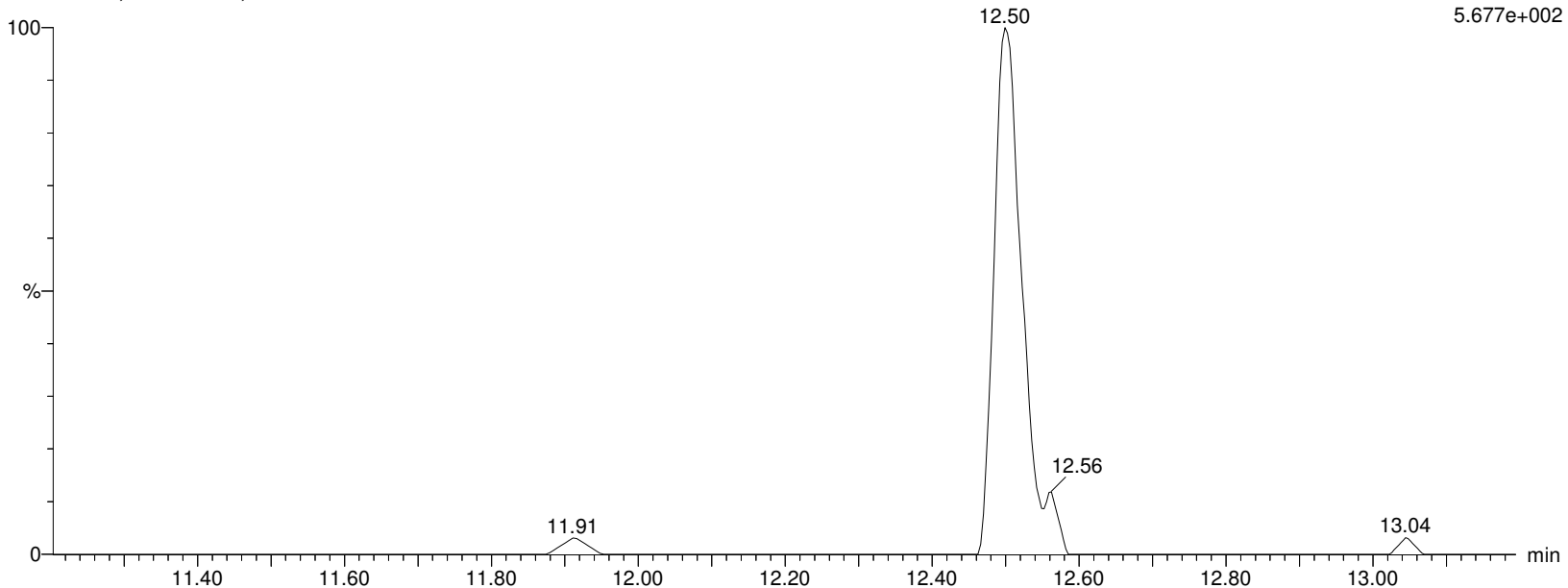
I3776 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-1



I3776 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-1



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFTEDA

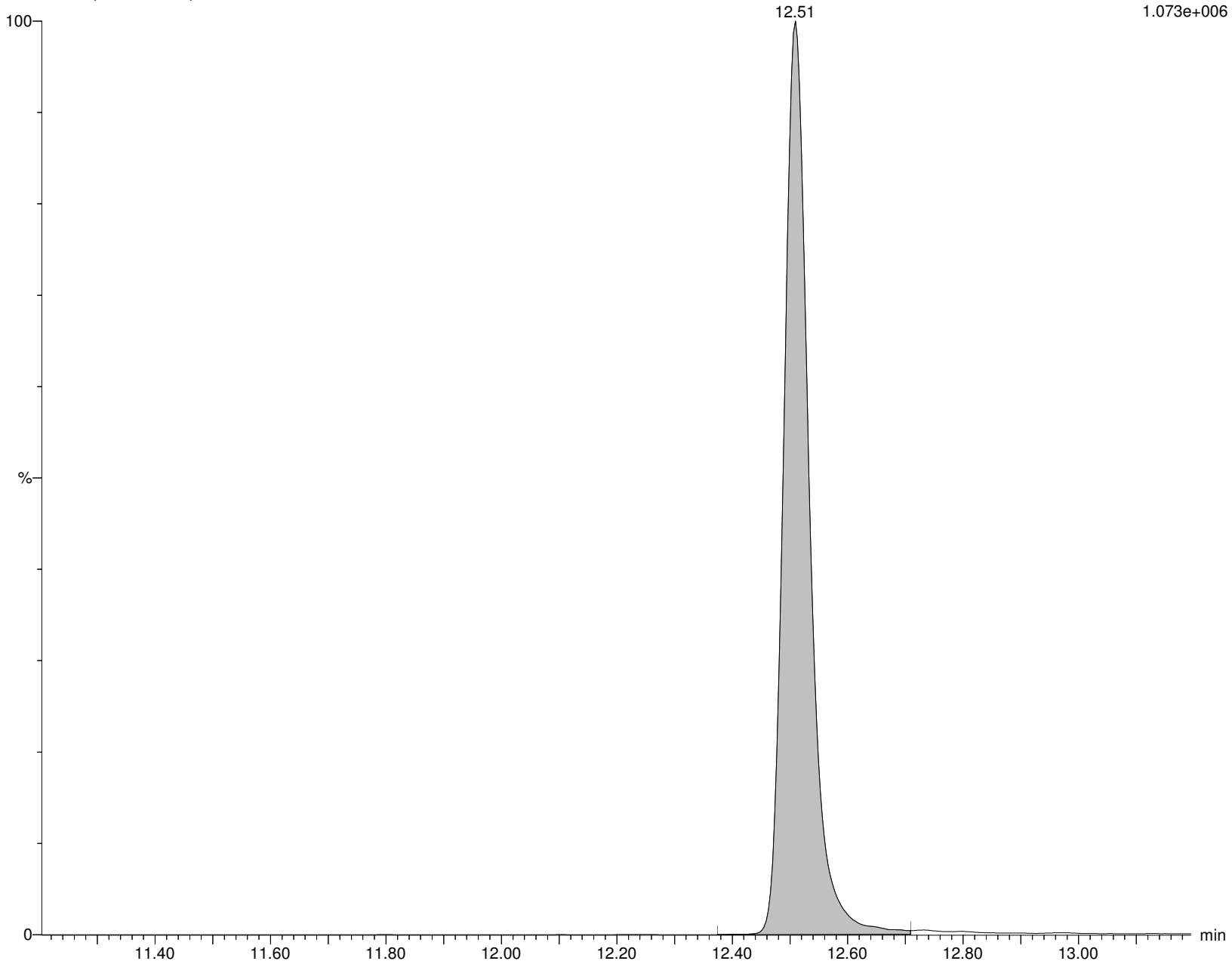
I3776 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F53:MRM of 1 channel,ES-

715.053 > 669.945

1.073e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3HFPO-DA

I3776 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F13:MRM of 1 channel,ES-

331.989 > 286.995

1.000e-003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

HFPO-DA

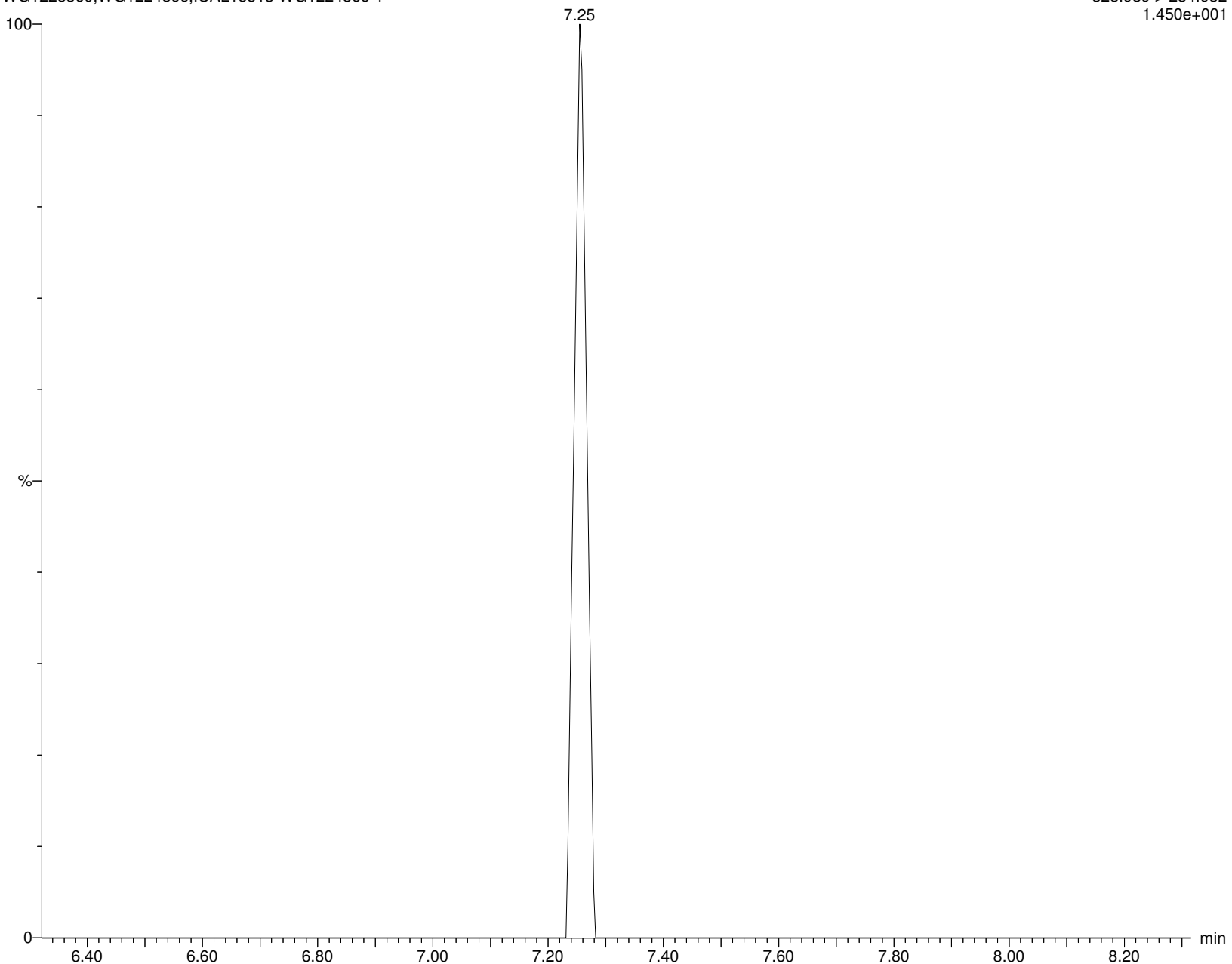
I3776 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 WG1224866-1

F11:MRM of 1 channel, ES-

328.989 > 284.982

1.450e+001



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

ADONA

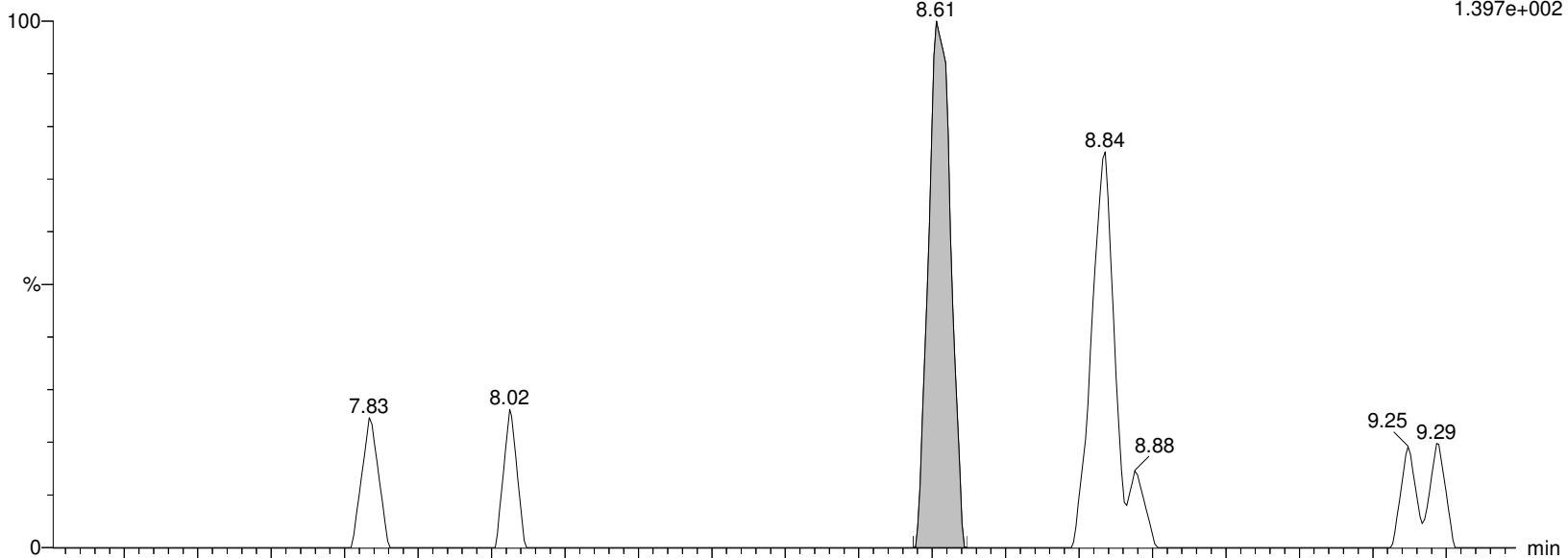
I3776 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 WG1224866-1

F17:MRM of 2 channels, ES-

376.926 > 251.005

1.397e+002



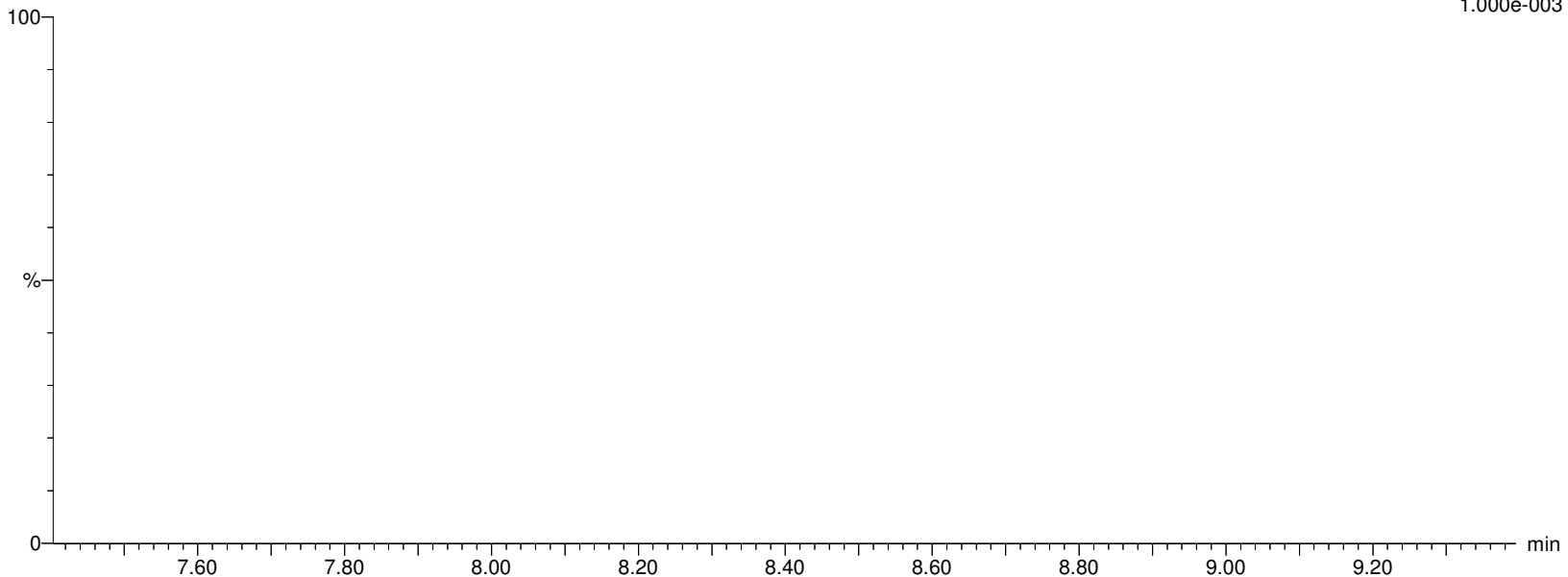
I3776 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 WG1224866-1

F17:MRM of 2 channels, ES-

376.926 > 135.12

1.000e-003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxDA

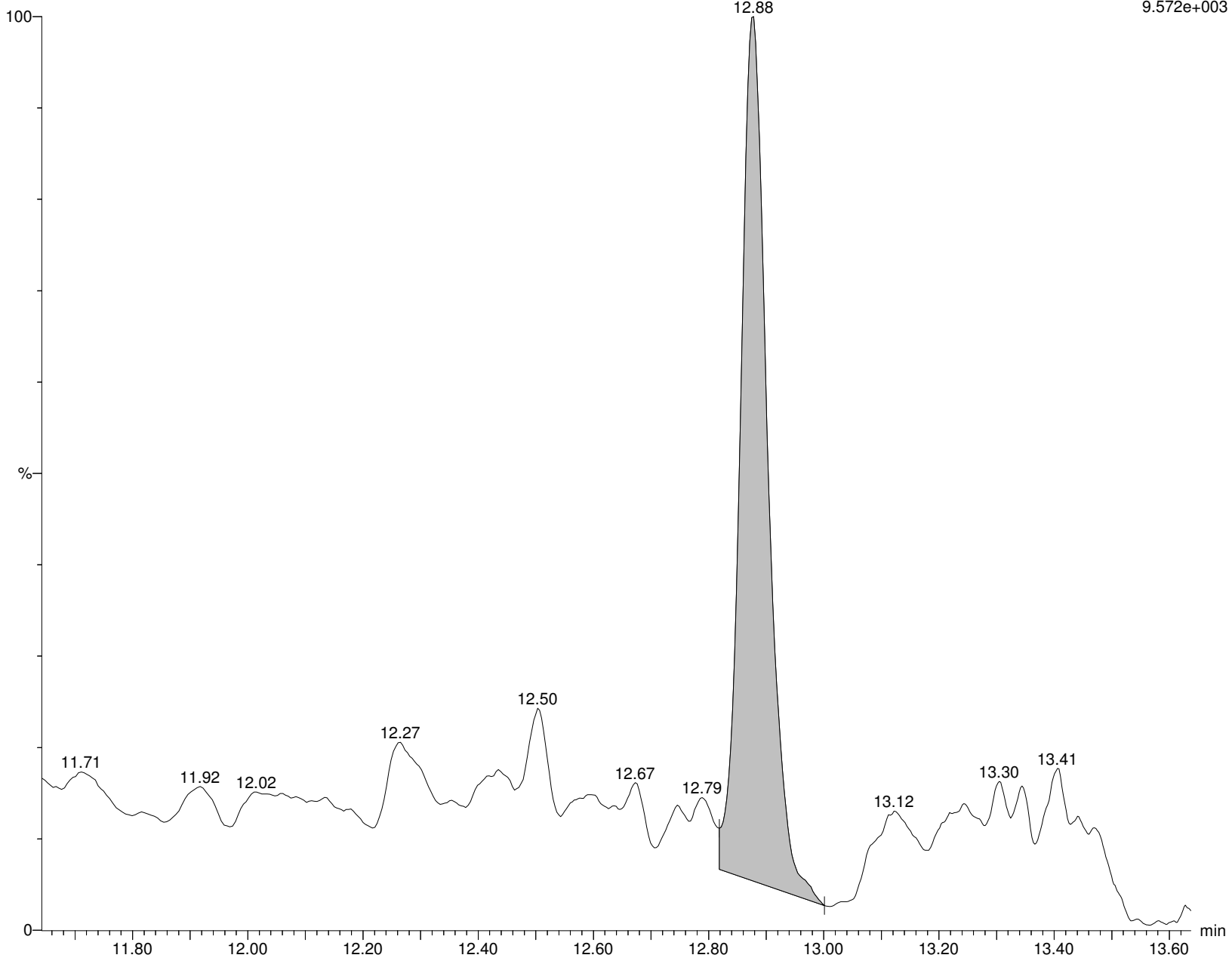
I3776 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F54:MRM of 1 channel,ES-

813.053 > 769.005

9.572e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFODA

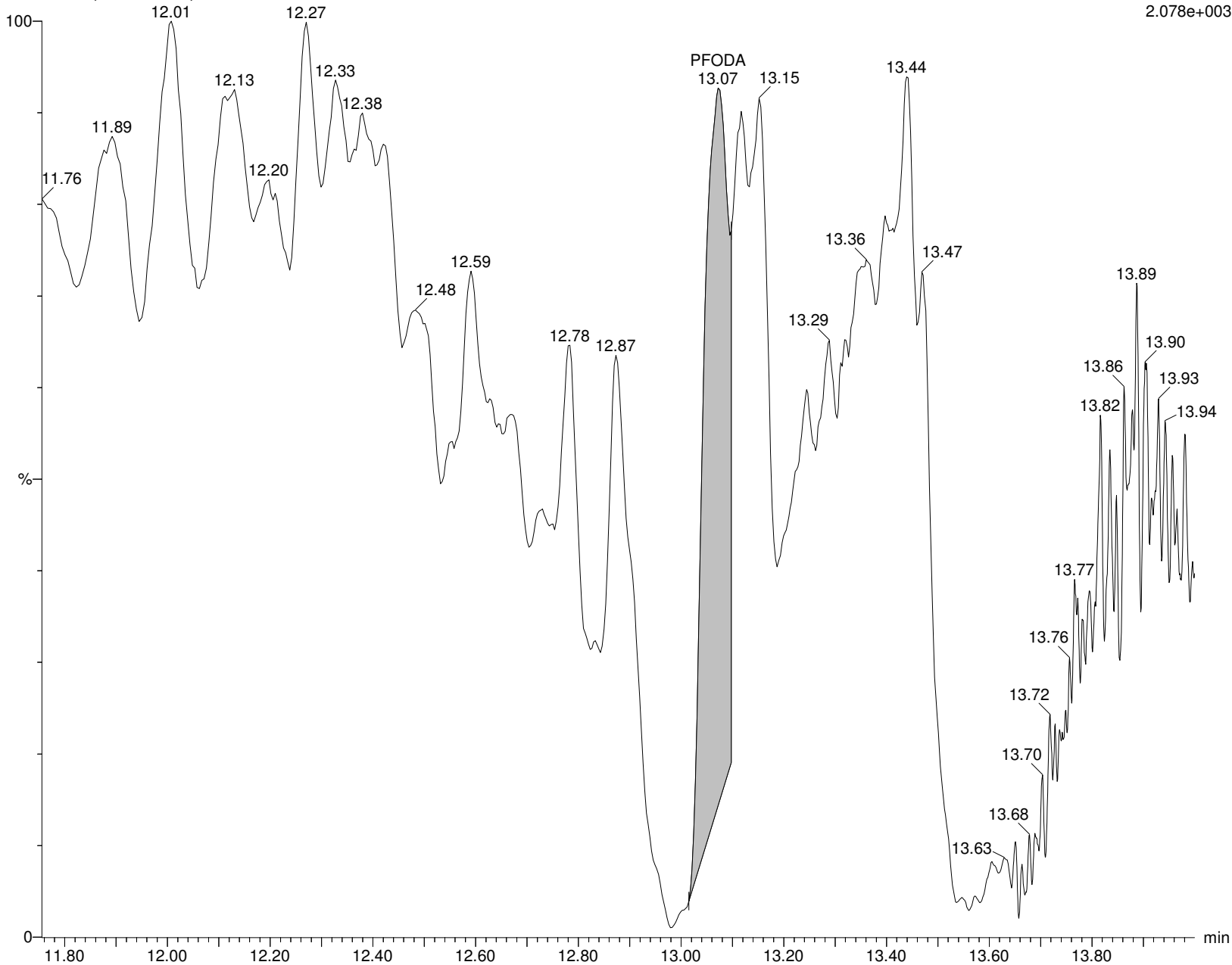
I3776 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F56:MRM of 1 channel,ES-

912.989 > 869.032

2.078e+003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFHxDA

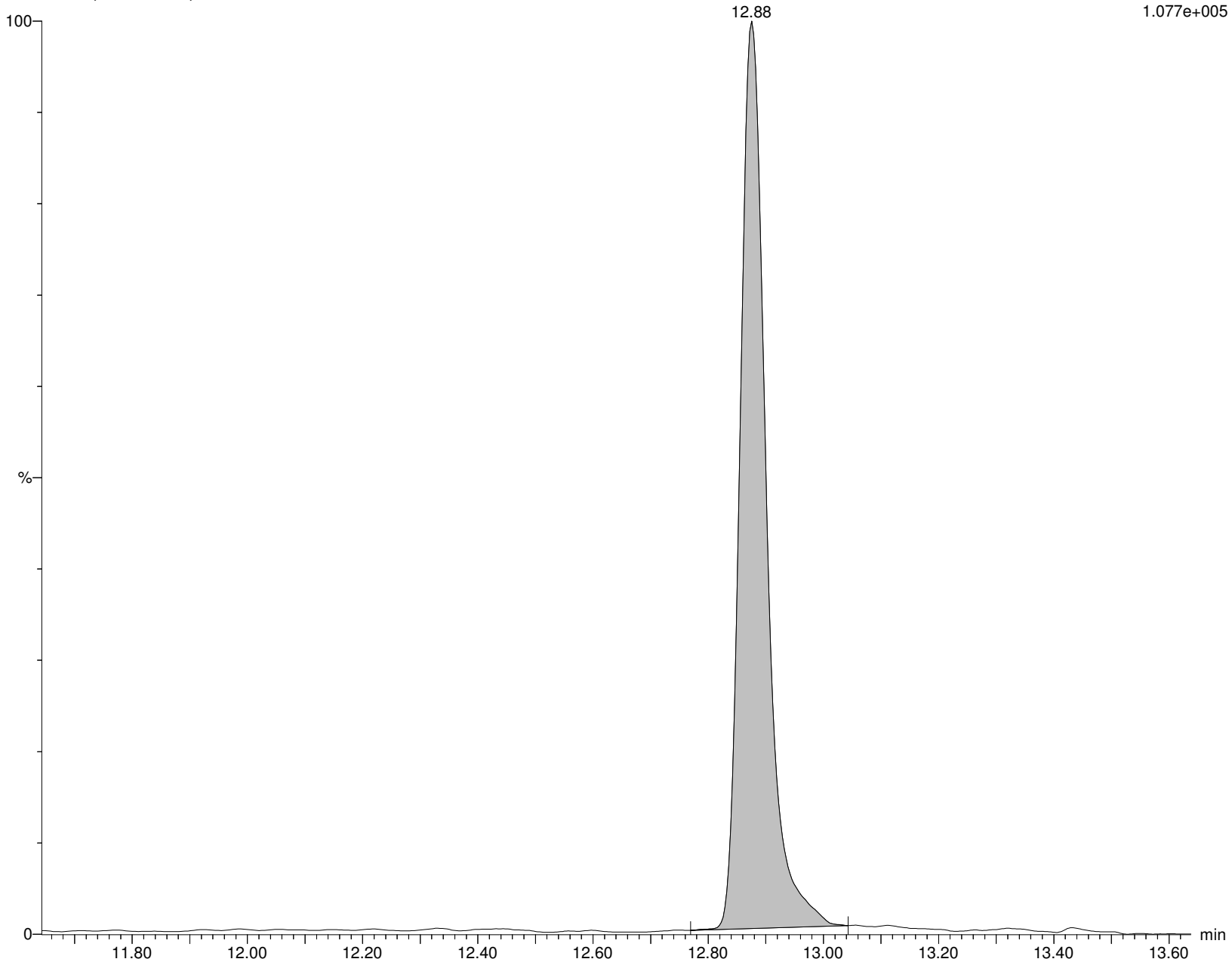
I3776 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 WG1224866-1

F55:MRM of 1 channel, ES-

815.372 > 770.158

1.077e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

-

10:2FTS

I3776 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F49:MRM of 1 channel,ES-

626.862 > 606.896

1.000e-003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

9CL-PF3ONS

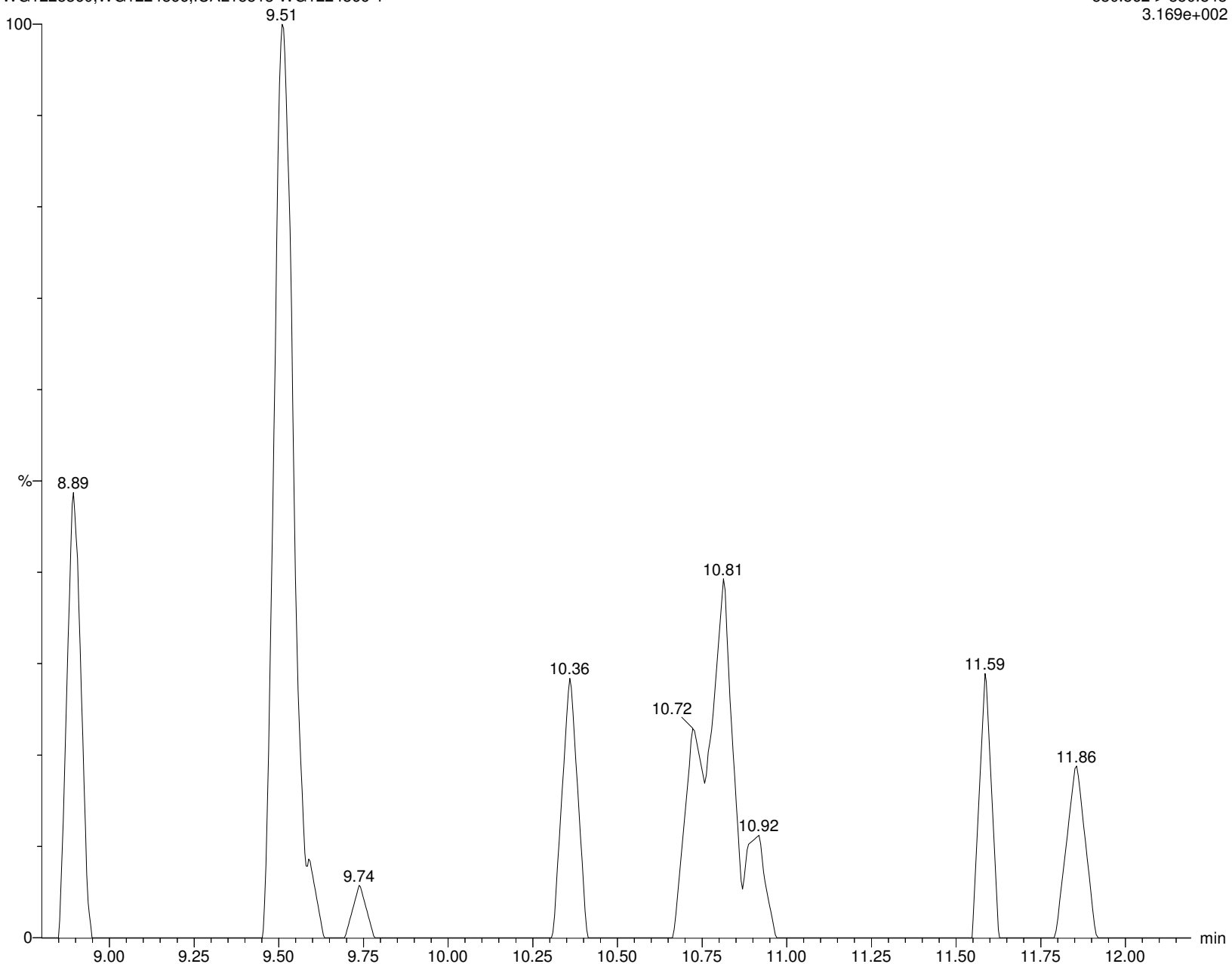
I3776 Smooth(Mn,2x5)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F38:MRM of 1 channel,ES-

530.862 > 350.843

3.169e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:25:50 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:26:07 Eastern Daylight Time

Name: I3776

ID: WG1224866-1

Date: 11-Apr-2019

Time: 10:45:02

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:A,3

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

11CL-PFOUdS

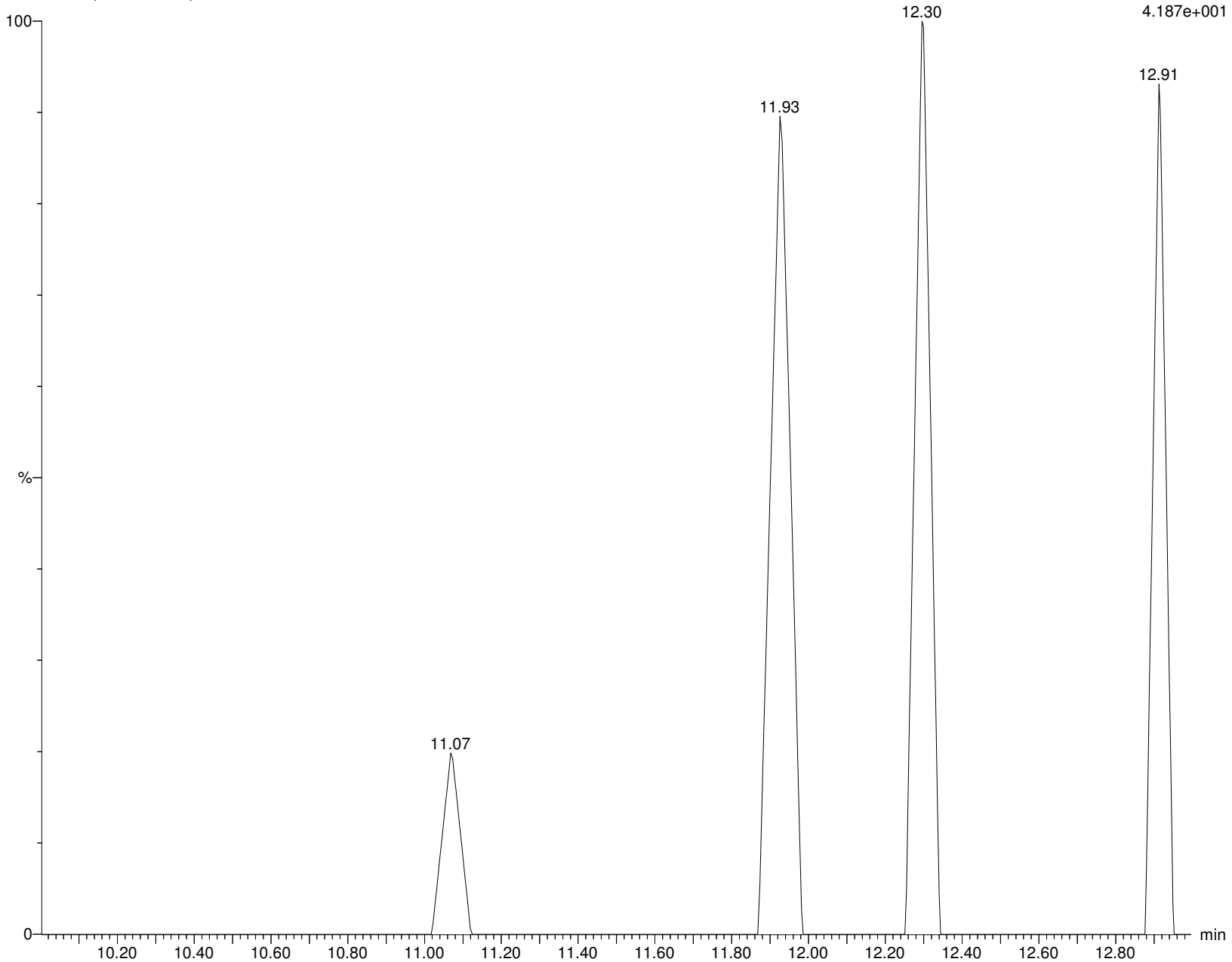
I3776 Smooth(Mn,2x5)

WG1225360,WG1224866,ICAL15513 WG1224866-1

F50:MRM of 1 channel,ES-

630.862 > 450.854

4.187e+001



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Method: C:\MassLynx\Data\2019\190411_537ISO.PRO\MethDB\537ISO_Q_190215_RT.mdb 10 Apr 2019 16:27:50

Calibration: C:\MassLynx\Data\2019\190411_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 08:45:17

ID: WG1224866-2

Name: I3786

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:JW

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.36	212.926 > 169.111	24681		11.136		na	111.4
2	M3PFBA	INT STD	2.36	215.926 > 172.122	25030		5.273		na	52.7
3	MPFBA	INT STD	2.36	216.926 > 172.137	25837		9.555		na	95.6
4	PFPeA	2706-90-3	5.25	262.926 > 219.002	38115		10.502		na	105.0
5	M5PFPEA	INT STD	5.25	267.989 > 223.081	33887		10.074		na	100.7
6	PFBS	375-73-5	5.89	298.989 > 80.295	6703		9.732		na	110.0
7	M3PFBS	INT STD	5.89	301.989 > 80.254	6598		9.566		na	95.7
8	4:2FTS	757124-72-4	7.05	326.926 > 306.957	2703		11.123	2.25	YES	119.0
9	M2-4:2FTS	INT STD	7.05	329.117 > 309.079	2087		6.523		na	65.2
10	PFHxA	307-24-4	7.13	312.989 > 269.028	47144		11.123	17.78	NO	111.2
11	M5PFHxA	INT STD	7.13	317.989 > 273.045	41857		9.300		na	93.0
12	PFPeS	2706-91-4	7.44	348.926 > 80.251	7388		10.787	1.91	NO	114.8
13	PFHpA	375-85-9	8.40	362.926 > 319.014	53504		9.999	5.53	NO	100.0
14	M4PFHpA	INT STD	8.40	366.926 > 321.979	53447		9.192		na	91.9
15	br-PFHxS	355-46-4	8.31	398.926 > 80.295	890	M5	1.493	3.79	YES	87.8
16	L-PFHxS	355-46-4	8.55	398.926 > 80.295	5860		9.046	1.49	NO	122.2
17	PFHxS	355-46-4		398.926 > 80.295	6750		10.540		na	
18	M3PFHxS	INT STD	8.55	401.926 > 80.317	4680		9.586		na	95.9
19	br-PFOA	335-67-1		412.989 > 368.9			ND	0.00	NO	
20	L-PFOA	335-67-1	9.34	412.989 > 368.9	52871		10.222	10.63	NO	102.2
21	M2PFOA	INT STD	9.34	415.032 > 369.968	54134		5.466		na	54.7
22	PFOA	335-67-1		412.989 > 368.9	52871		10.222		na	
23	M8PFOA	INT STD	9.34	420.989 > 375.979	48376		9.305		na	93.0
24	6:2FTS	27619-97-2	9.30	426.989 > 406.921	2548		11.378		na	119.8
25	M2-6:2FTS	INT STD	9.30	428.989 > 408.917	2300		7.156		na	71.6
26	PFHpS	375-92-8	9.43	448.926 > 80.257	3700		10.154	0.89	YES	106.9
27	PFNA	375-95-1	10.10	462.989 > 418.931	48167		10.944	4.75	NO	109.4
28	M9PFNA	INT STD	10.10	472.053 > 426.947	47567		9.621		na	96.2
29	br-PFOS	1763-23-1	9.88	498.989 > 80.294	1649	M5	2.290		YES	114.5
30	L-PFOS	1763-23-1	10.14	498.989 > 80.294	3799		6.255	1.69	NO	85.7
31	PFOS	1763-23-1		498.989 > 80.294	5448		8.545		na	
32	M4PFOS	INT STD	10.14	503.032 > 80.306	5545		5.997		na	60.0
33	M8PFOS	INT STD	10.14	507.053 > 80.294	5308		9.521		na	95.2
34	PFDA	335-76-2	10.73	513.053 > 468.906	42097		10.609	7.26	YES	106.1
35	M2PFDA	INT STD	10.73	515.053 > 469.934	44367		5.882		na	58.8
36	M6PFDA	INT STD	10.73	519.053 > 473.931	42797		9.013		na	90.1
37	8:2FTS	39108-34-4	10.72	526.989 > 506.946	1961		11.394		na	118.7
38	M2-8:2FTS	INT STD	10.72	529.053 > 508.945	1550		8.763		na	87.6
39	PFNS	68259-12-1	10.75	548.989 > 80.249	5029		11.037	1.38	NO	115.0

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

ID: WG1224866-2

Name: I3786

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:JW

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	11.09	573.096 > 418.987	3199		7.085		na	70.8
41	NMeFOSAA	2355-31-9	11.09	570.053 > 418.917	3404		10.293		na	102.9
42	PfUnA	2058-94-8	11.27	562.989 > 518.903	41665		10.370	8.59	NO	103.7
43	M7-PFUDA	INT STD	11.27	570.053 > 524.923	37000		9.290		na	92.9
44	PFDS	335-77-3	11.28	598.926 > 80.314	4919		11.545	1.39	NO	119.6
45	FOSA	754-91-6	11.06	497.989 > 78.245	7777		9.726		na	97.3
46	M8FOSA	INT STD	11.06	506.053 > 78.286	7756		5.201		na	52.0
47	d5-NEtFOSAA	INT STD	11.37	589.117 > 418.929	2926		7.160		na	71.6
48	NEtFOSAA	2991-50-6	11.38	583.989 > 418.927	3452		10.898	3.01	NO	109.0
49	PFDaA	307-55-1	11.74	612.989 > 568.967	36951		10.225	14.41	NO	102.2
50	MPFDOA	INT STD	11.74	614.989 > 569.92	39739		8.697		na	87.0
51	PFTTrDA	72629-94-8	12.16	663.053 > 618.969	25423		9.368	12.27	NO	93.7
52	PFTA	376-06-7	12.51	713.053 > 668.976	26840		11.059	8.97	NO	110.6
53	M2PFTEDA	INT STD	12.50	715.053 > 669.945	28695		9.431		na	94.3
54	M3HFPO-DA	INT STD		331.989 > 286.995			ND		na	
55	HFPO-DA	13252-13-6		328.989 > 284.982			ND		na	
56	ADONA	958445-44-8	8.57	376.926 > 251.005	82539		10.017		YES	105.9
57	PFHxDA		12.87	813.053 > 769.005	12698		9.539		na	95.4
58	PFODA		13.14	912.989 > 869.032	11764		9.249		na	92.5
59	M2PFHxDA		12.87	815.372 > 770.158	3376		5.803		na	58.0
60	10:2FTS			626.862 > 606.896			ND		na	
61	9CL-PF3ONS			530.862 > 350.843			ND		na	
62	11CL-PFOUdS			630.862 > 450.854			ND		na	

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Method: C:\MassLynx\Data\2019\190411_537ISO.PRO\MethDB\537ISO_Q_190215_RT.mdb 10 Apr 2019 16:27:50

Calibration: C:\MassLynx\Data\2019\190411_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 08:45:17

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBA

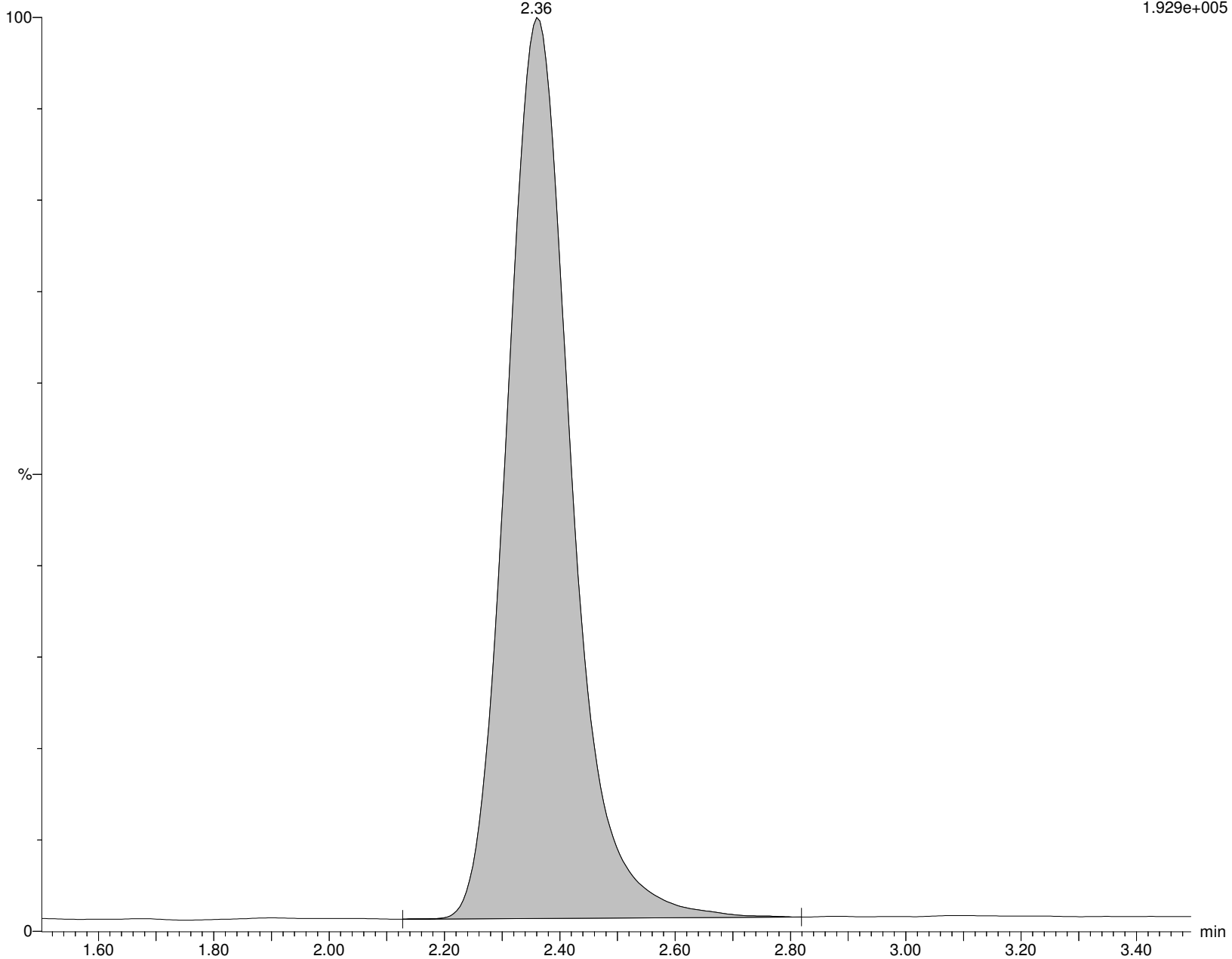
I3786 Smooth(Mn,2x5)

WG1225360, WG1224866, ICAL15513 WG1224866-2

F1:MRM of 1 channel,ES-

212.926 > 169.111

1.929e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBA

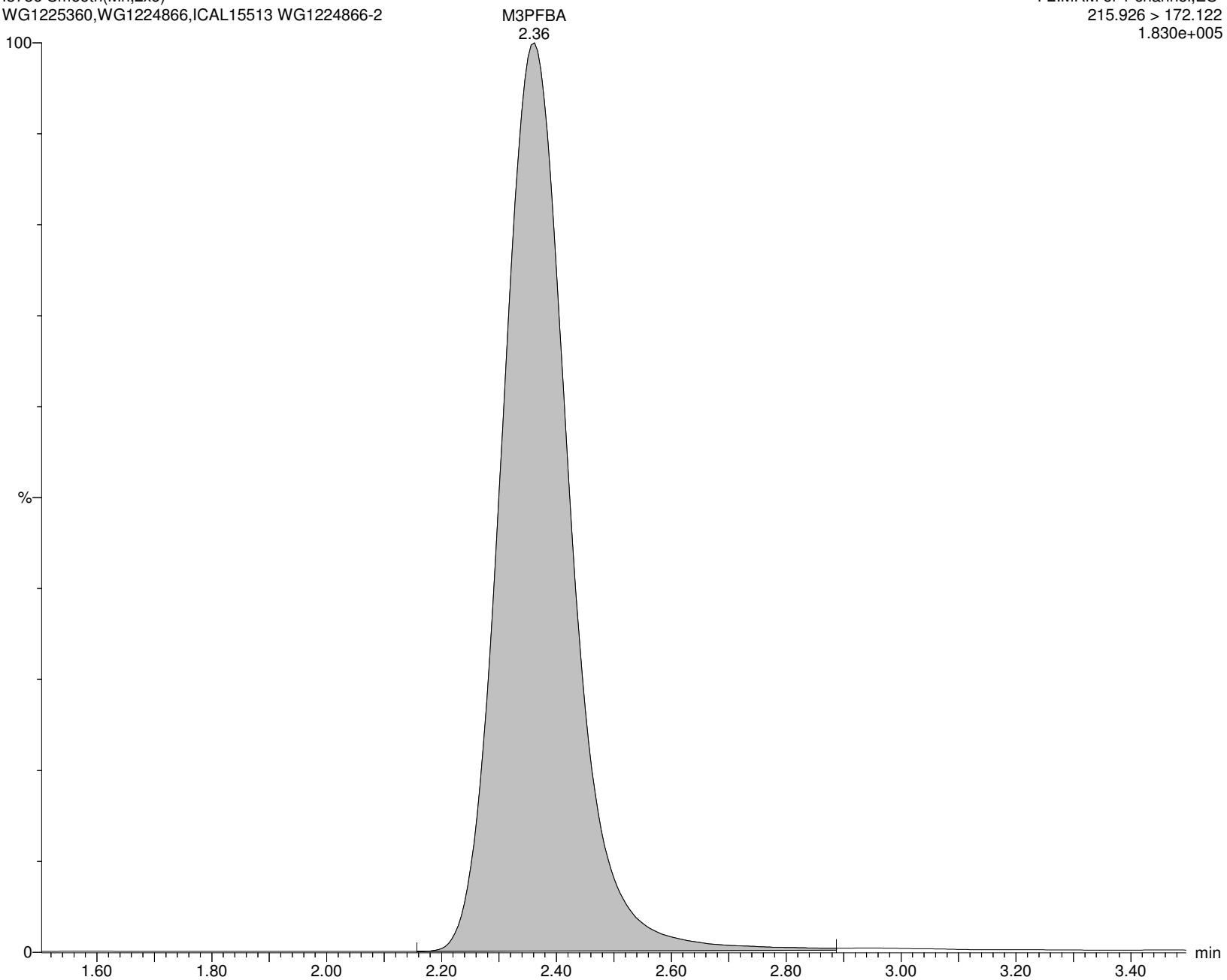
I3786 Smooth(Mn,2x6)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F2:MRM of 1 channel,ES-

215.926 > 172.122

1.830e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFBA

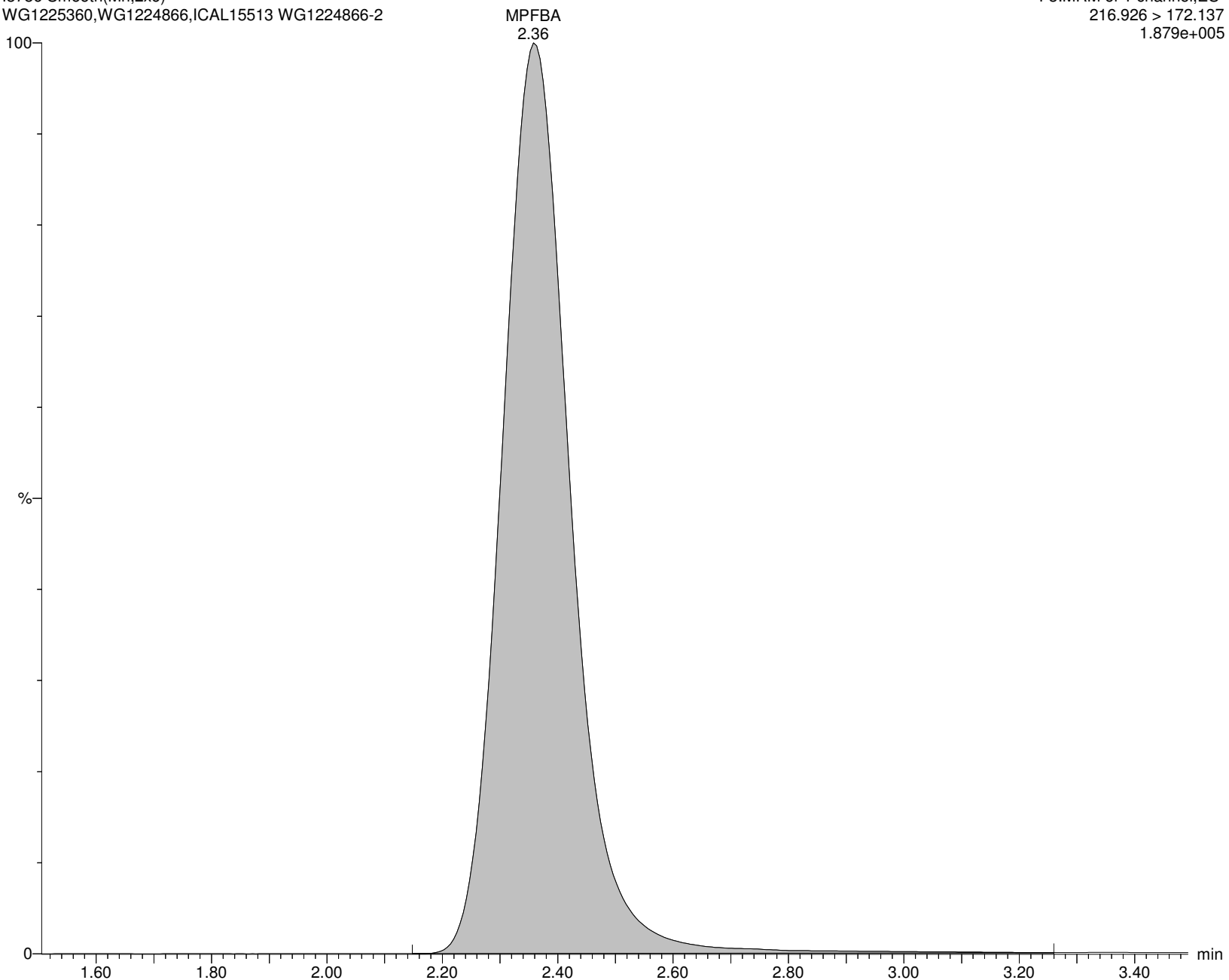
I3786 Smooth(Mn,2x6)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F3:MRM of 1 channel,ES-

216.926 > 172.137

1.879e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeA

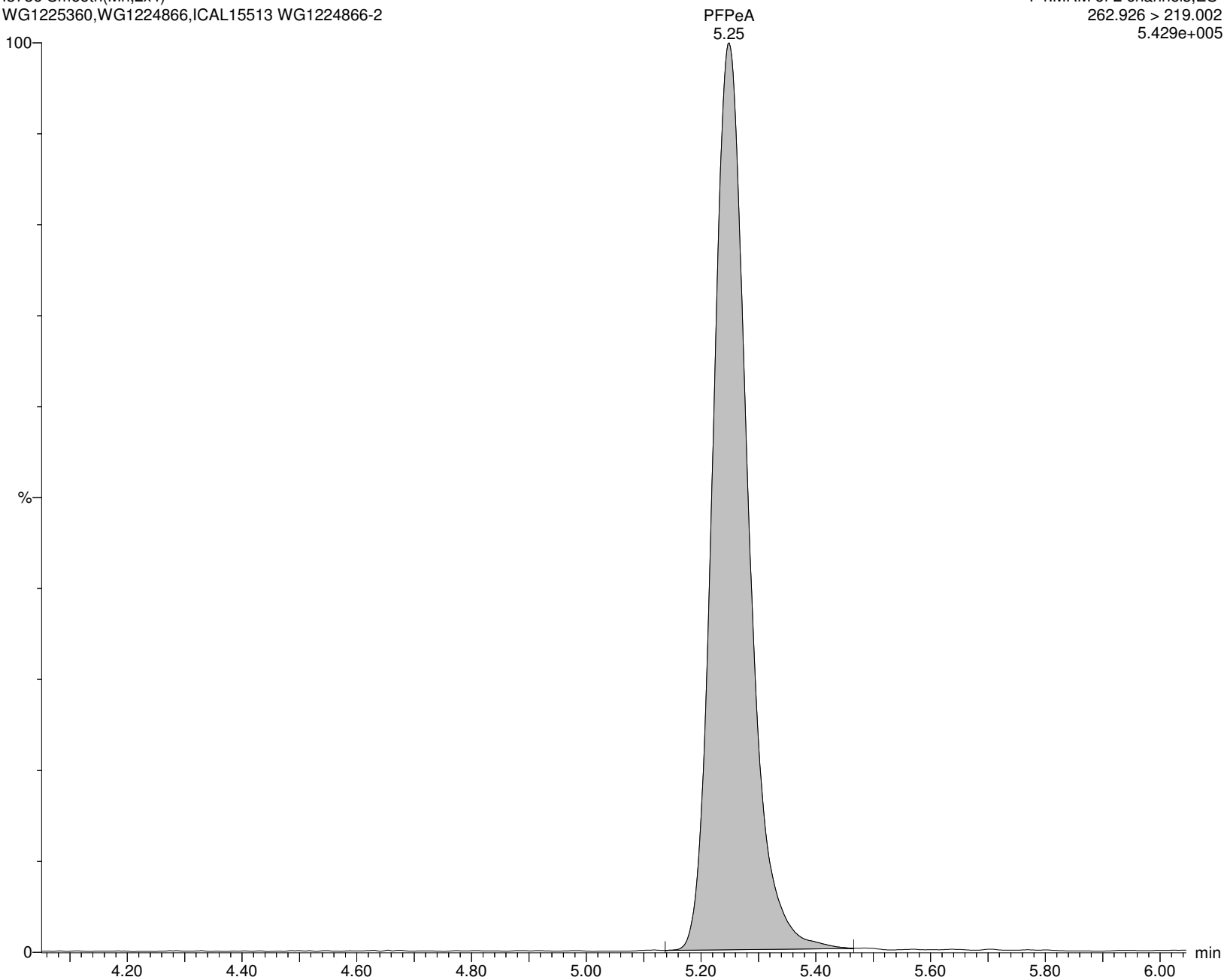
I3786 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F4:MRM of 2 channels,ES-

262.926 > 219.002

5.429e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFPEA

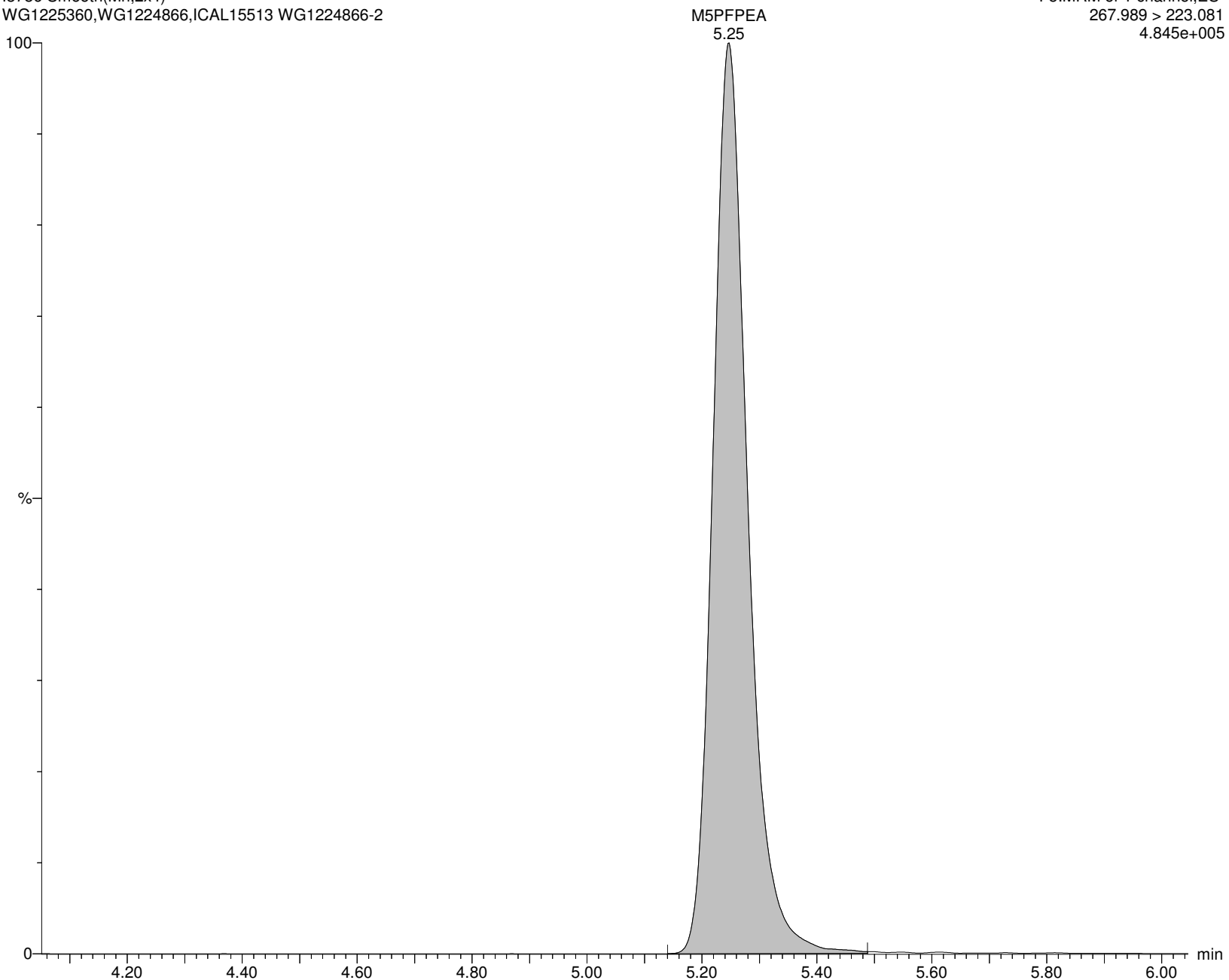
I3786 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F5:MRM of 1 channel,ES-

267.989 > 223.081

4.845e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBS

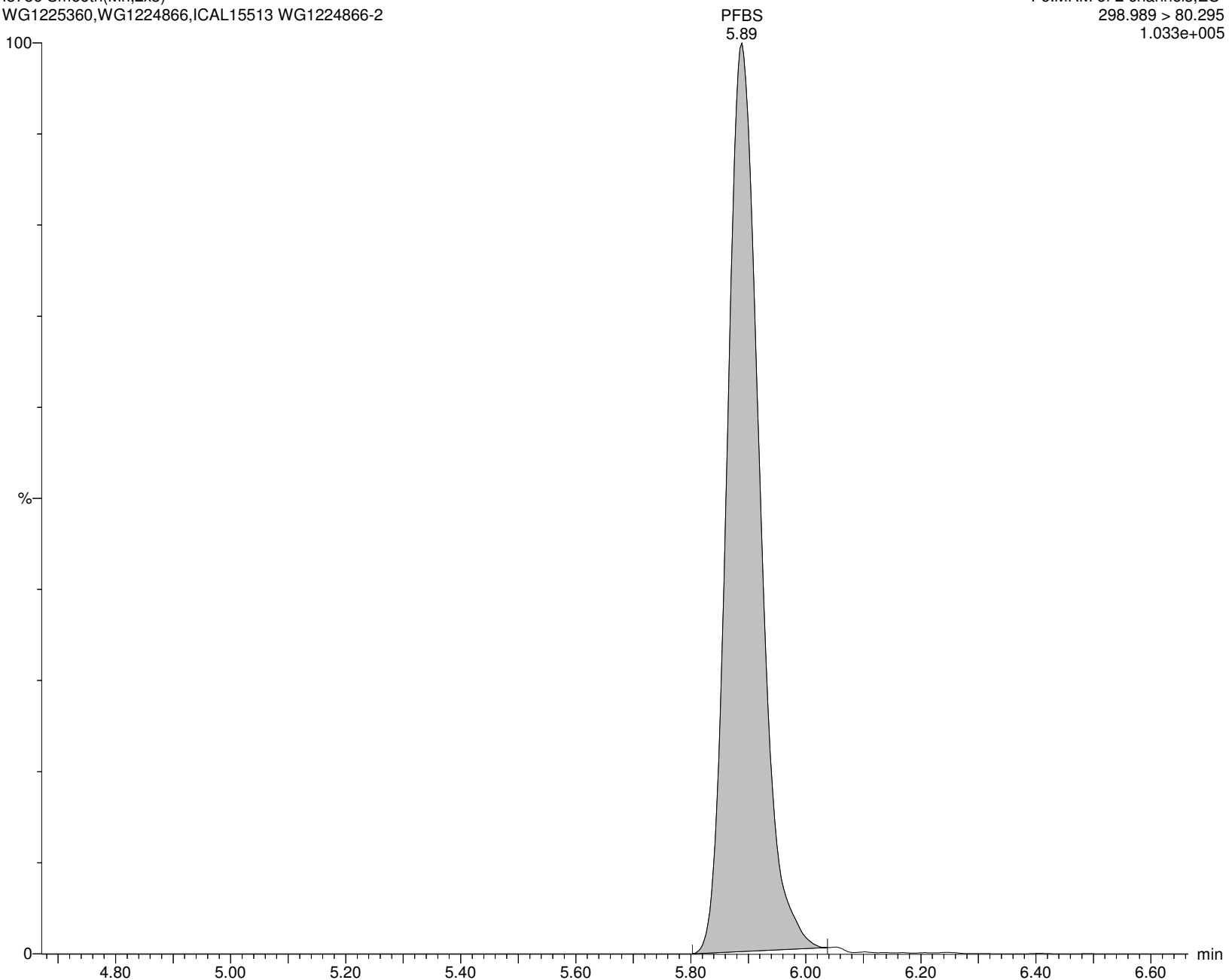
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F6:MRM of 2 channels,ES-

298.989 > 80.295

1.033e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBS

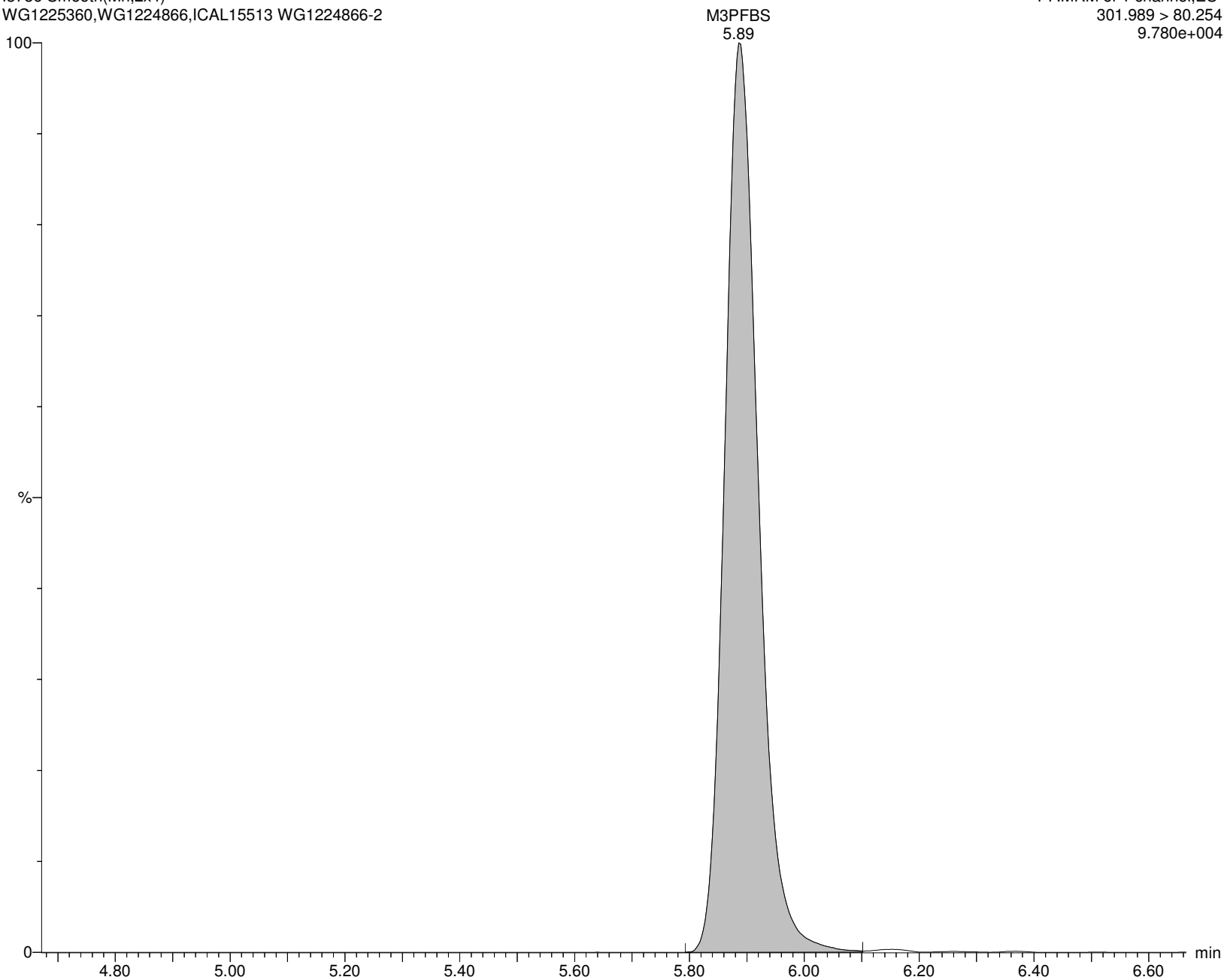
I3786 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F7:MRM of 1 channel,ES-

301.989 > 80.254

9.780e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

4:2FTS

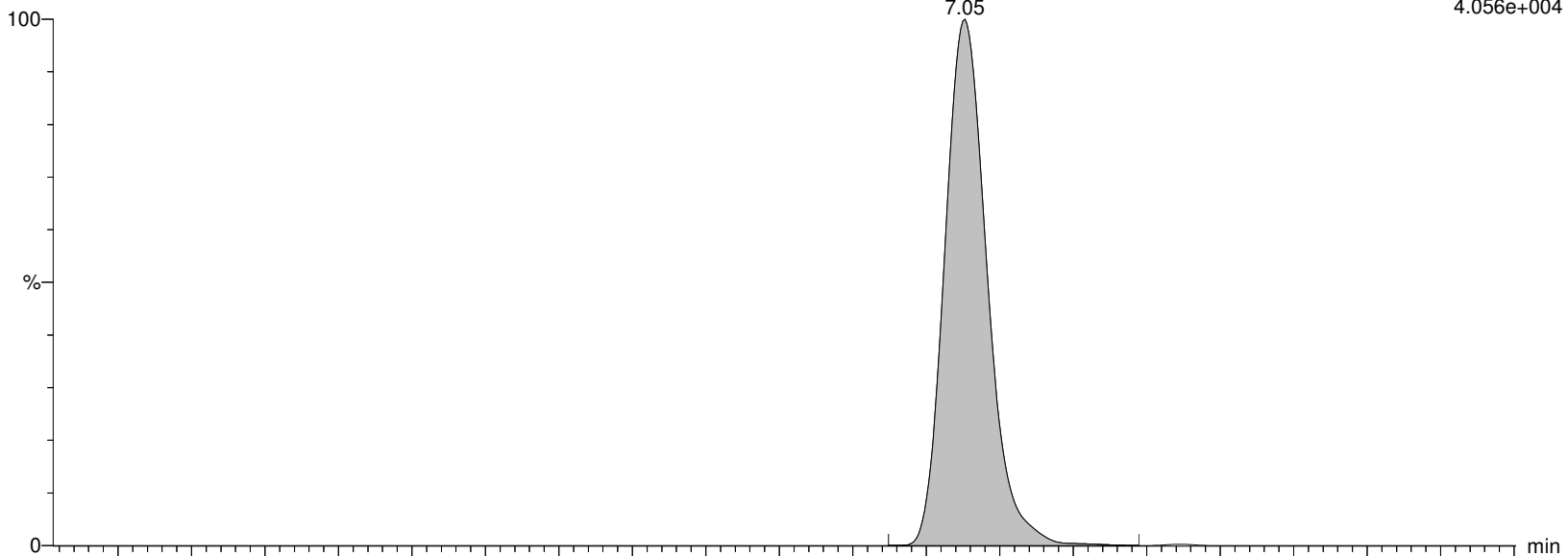
I3786 Smooth(Mn,5x3)

WG1225360, WG1224866, ICAL15513 WG1224866-2

F10:MRM of 2 channels, ES-

326.926 > 306.957

4.056e+004



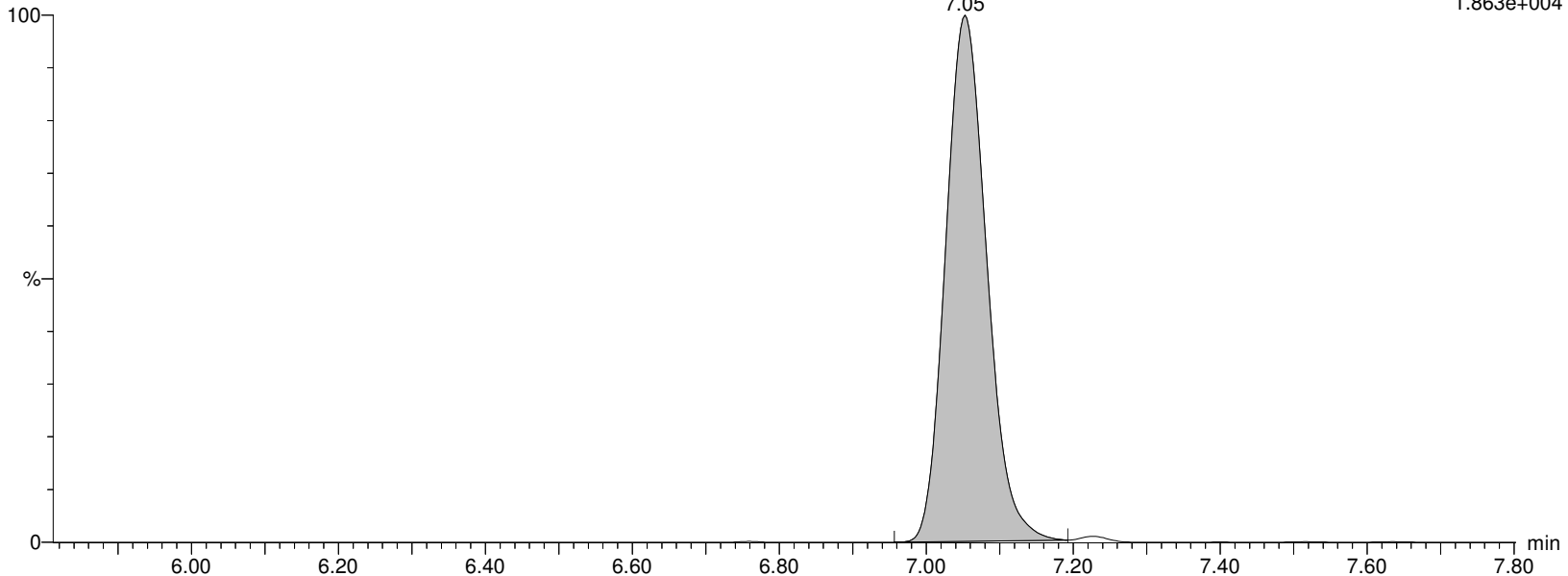
I3786 Smooth(Mn,5x3)

WG1225360, WG1224866, ICAL15513 WG1224866-2

F10:MRM of 2 channels, ES-

326.926 > 81.02

1.863e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-4:2FTS

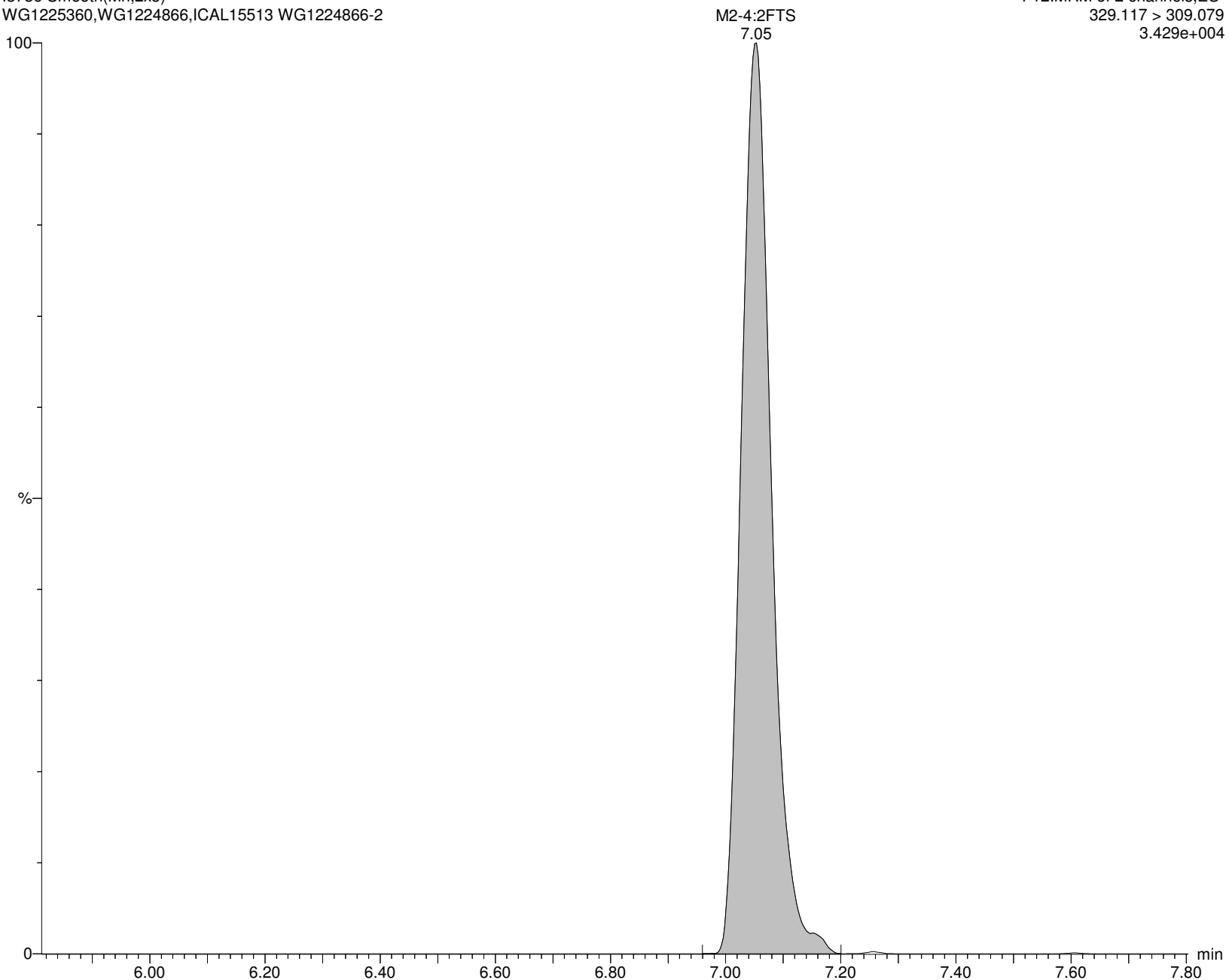
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F12:MRM of 2 channels,ES-

329.117 > 309.079

3.429e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxA

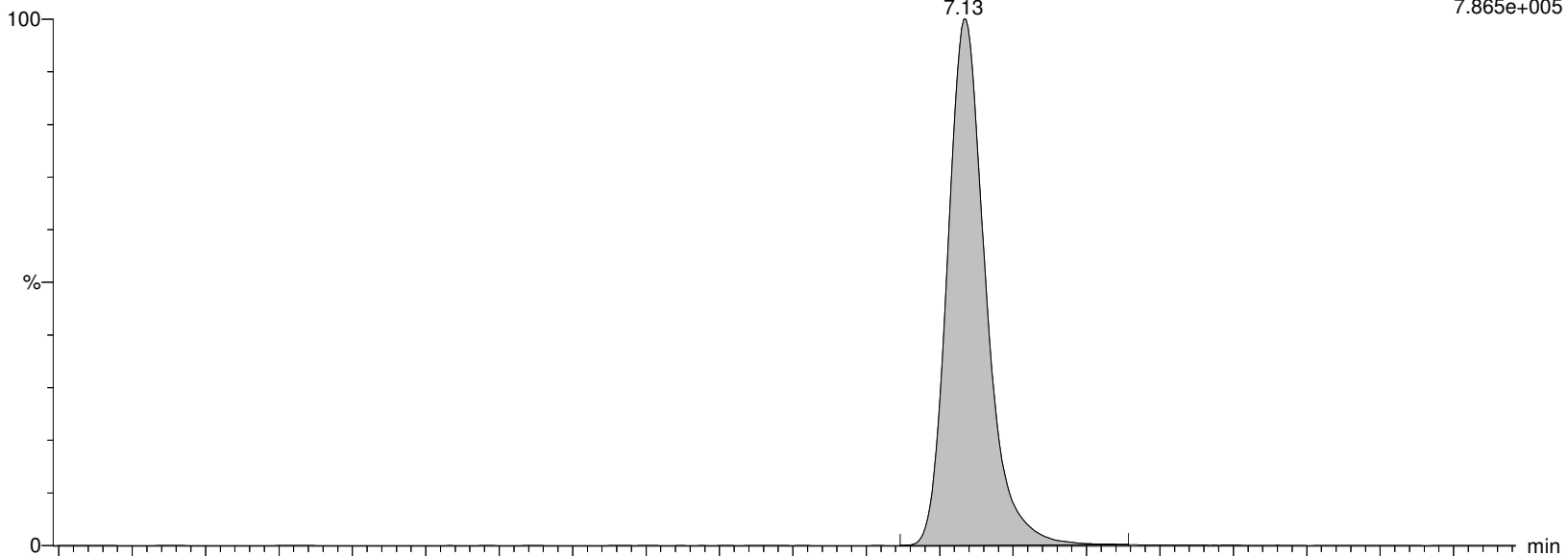
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F8:MRM of 2 channels,ES-

312.989 > 269.028

7.865e+005



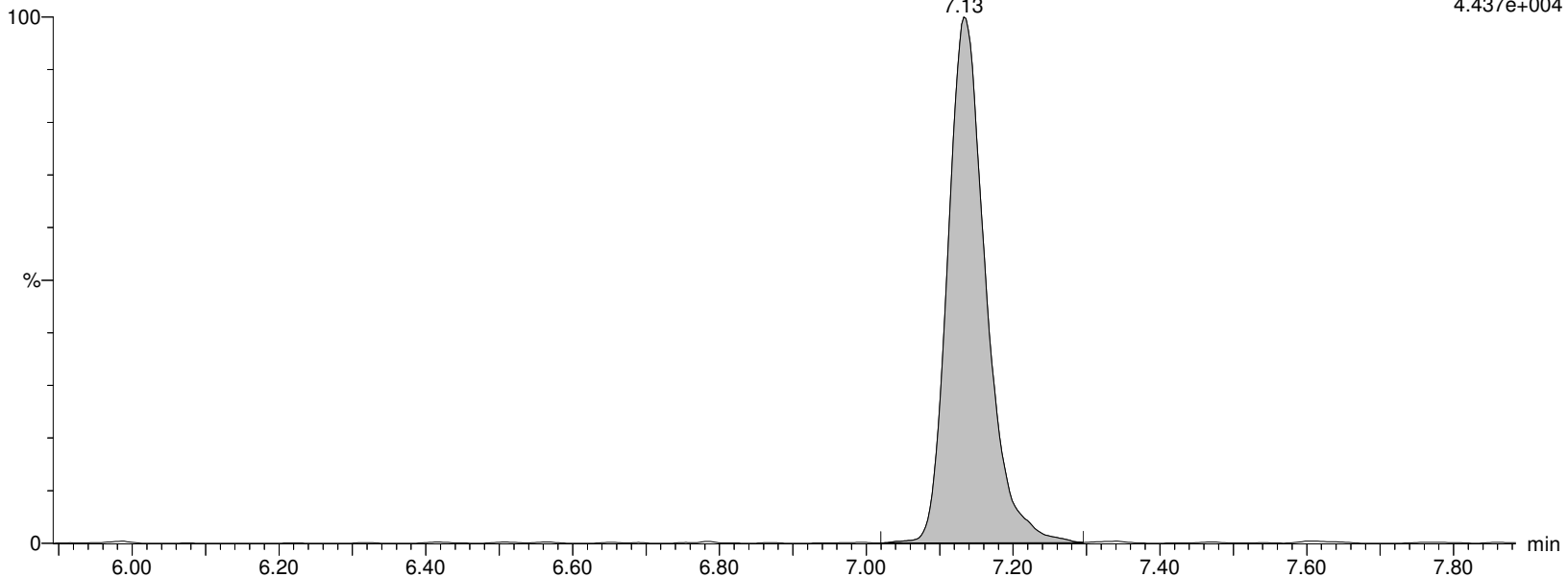
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F8:MRM of 2 channels,ES-

312.989 > 119.18

4.437e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFHxA

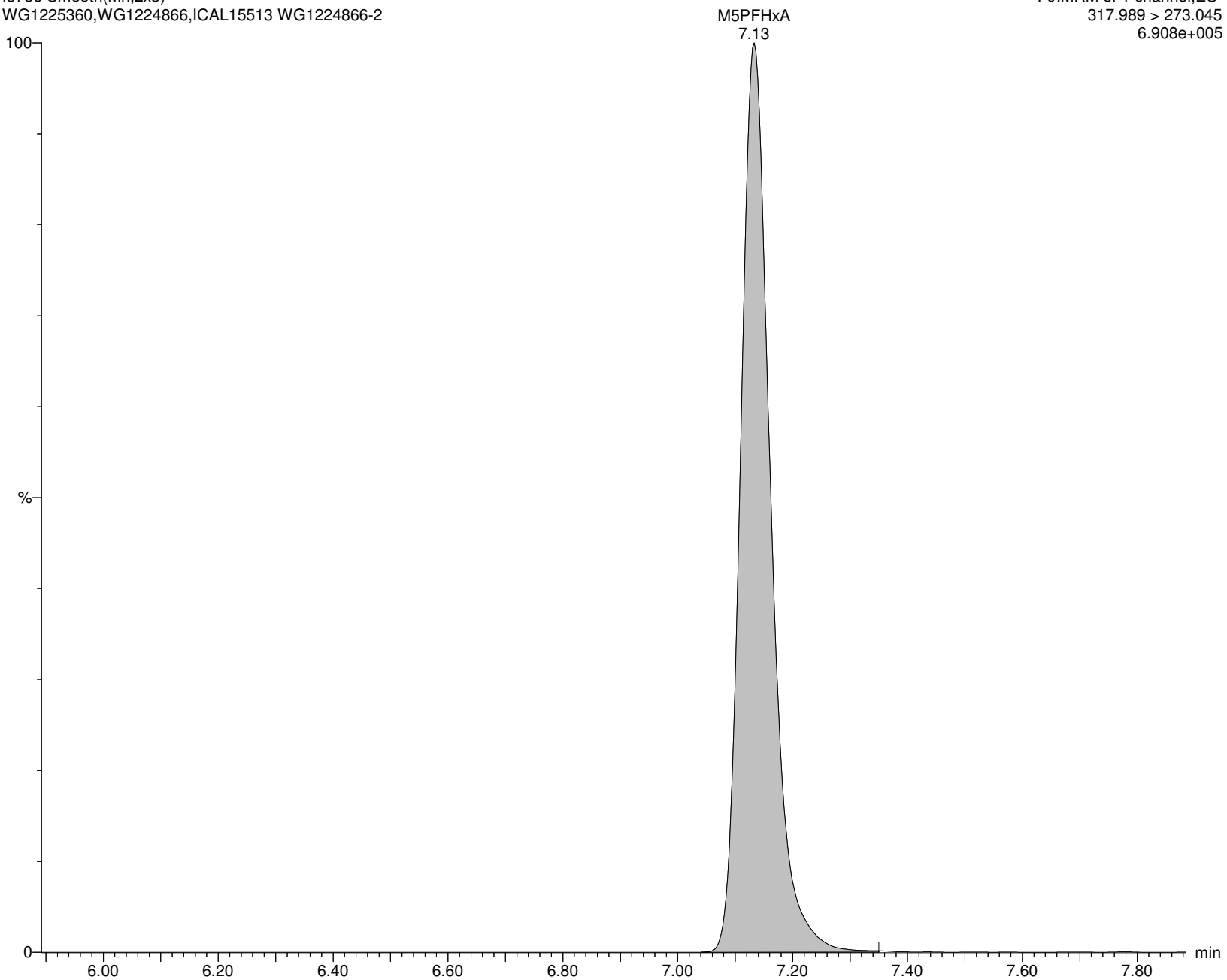
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F9:MRM of 1 channel,ES-

317.989 > 273.045

6.908e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeS

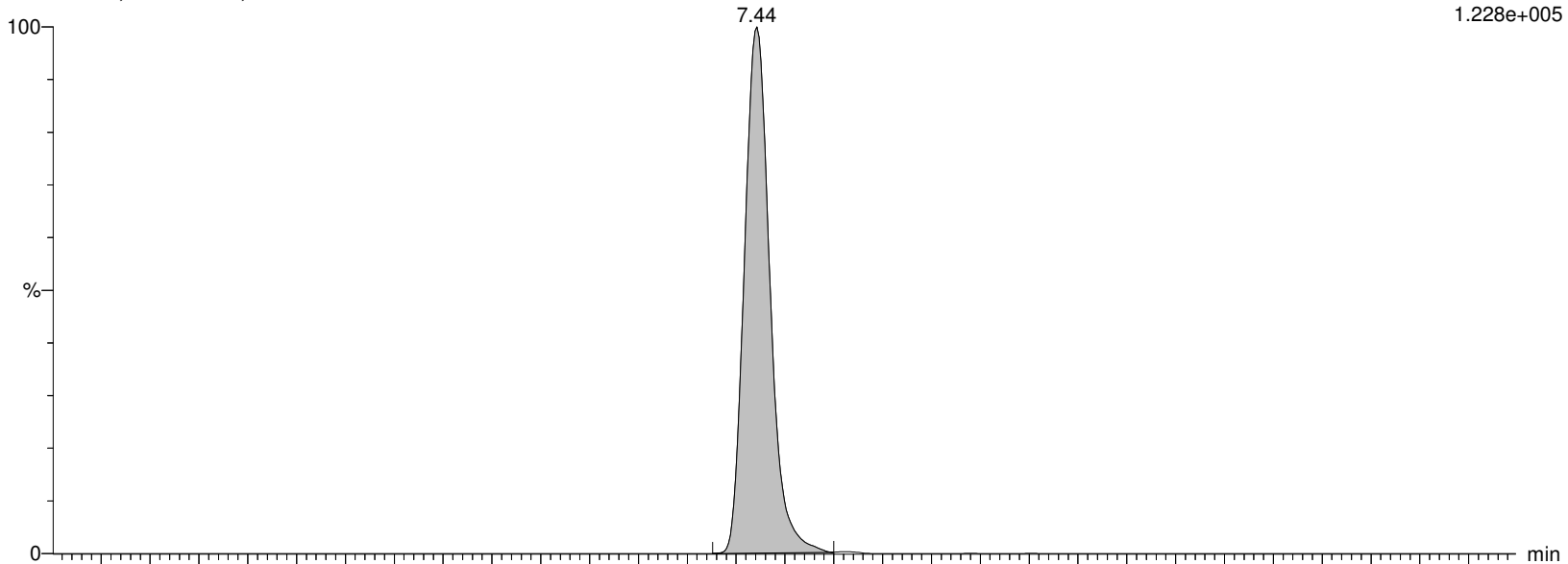
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F14:MRM of 2 channels,ES-

348.926 > 80.251

1.228e+005



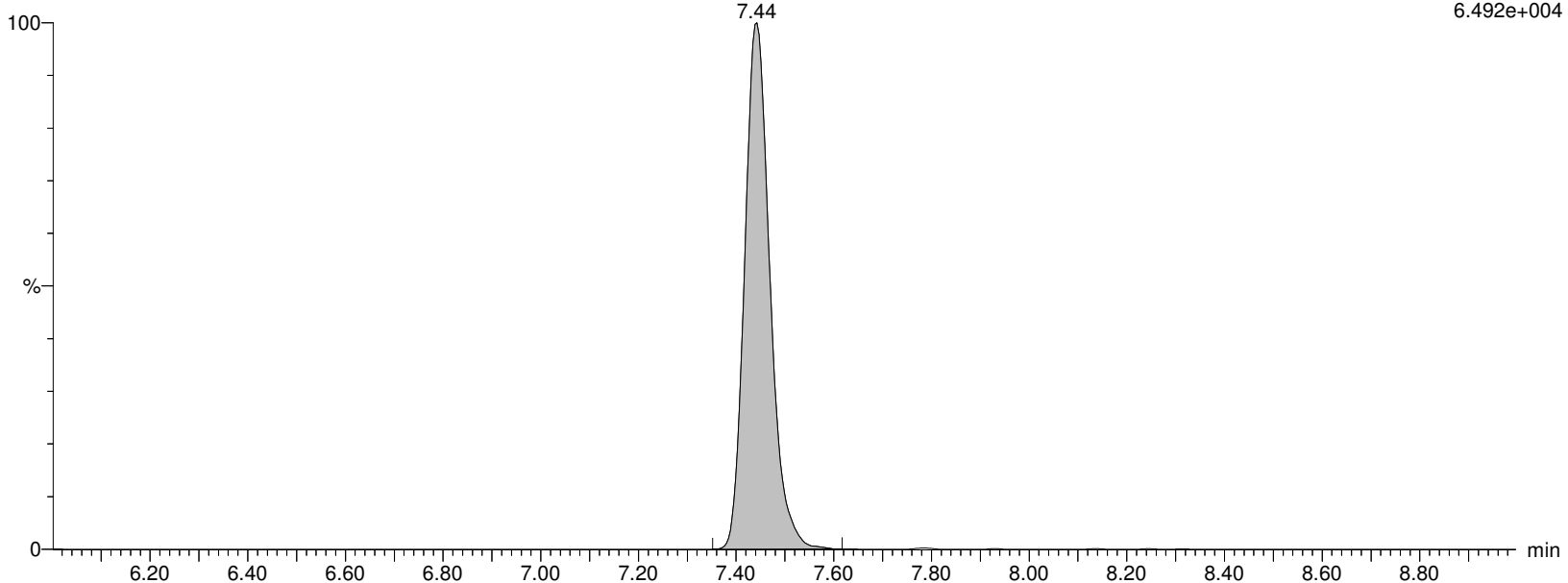
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F14:MRM of 2 channels,ES-

348.926 > 99.16

6.492e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpA

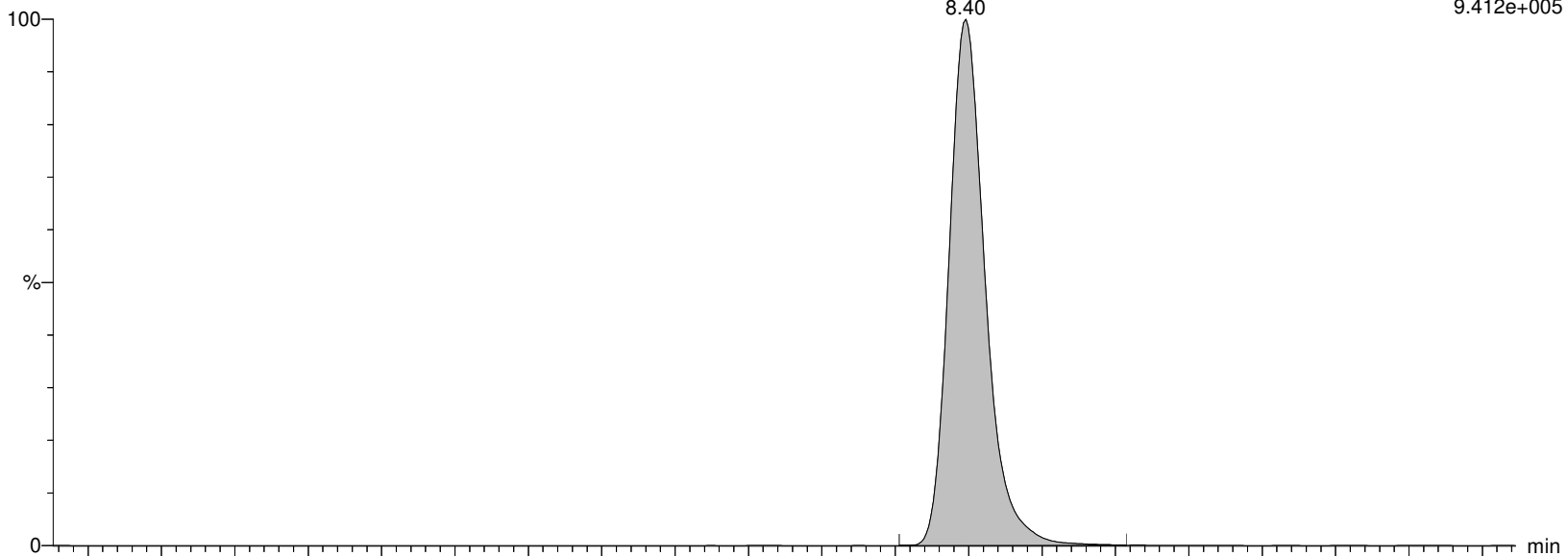
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F15:MRM of 2 channels,ES-

362.926 > 319.014

9.412e+005



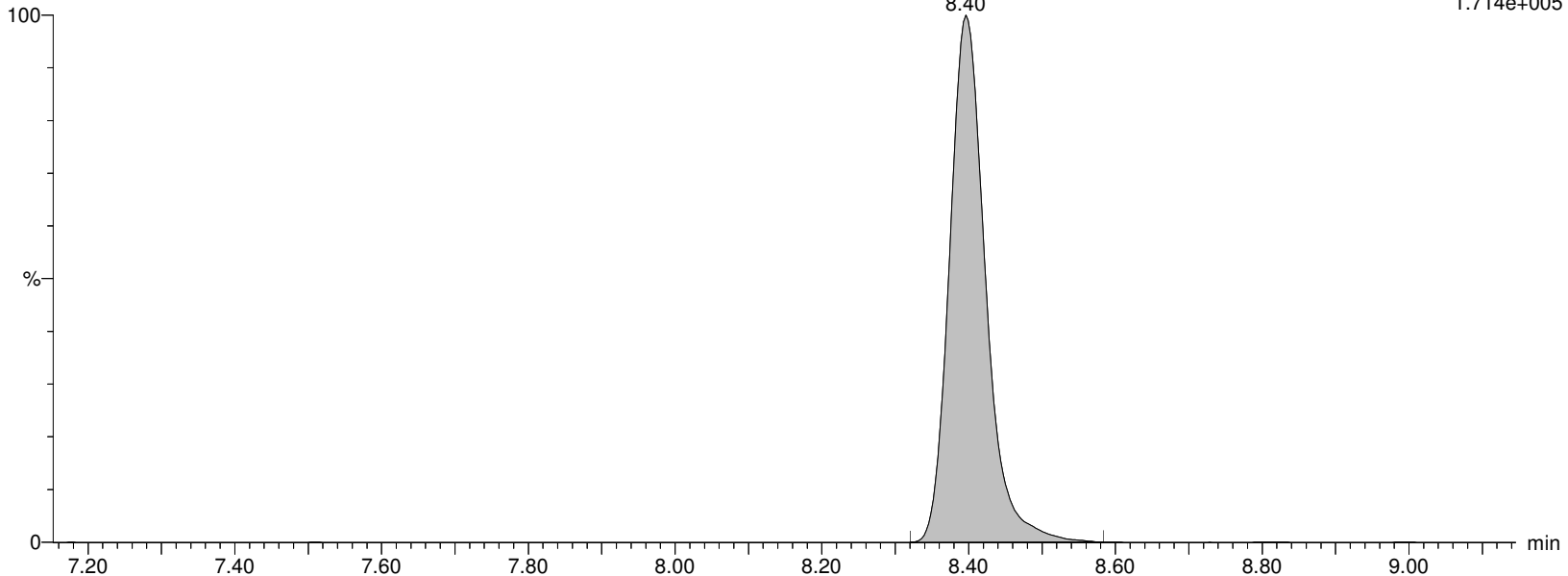
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F15:MRM of 2 channels,ES-

362.926 > 169.12

1.714e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFHpA

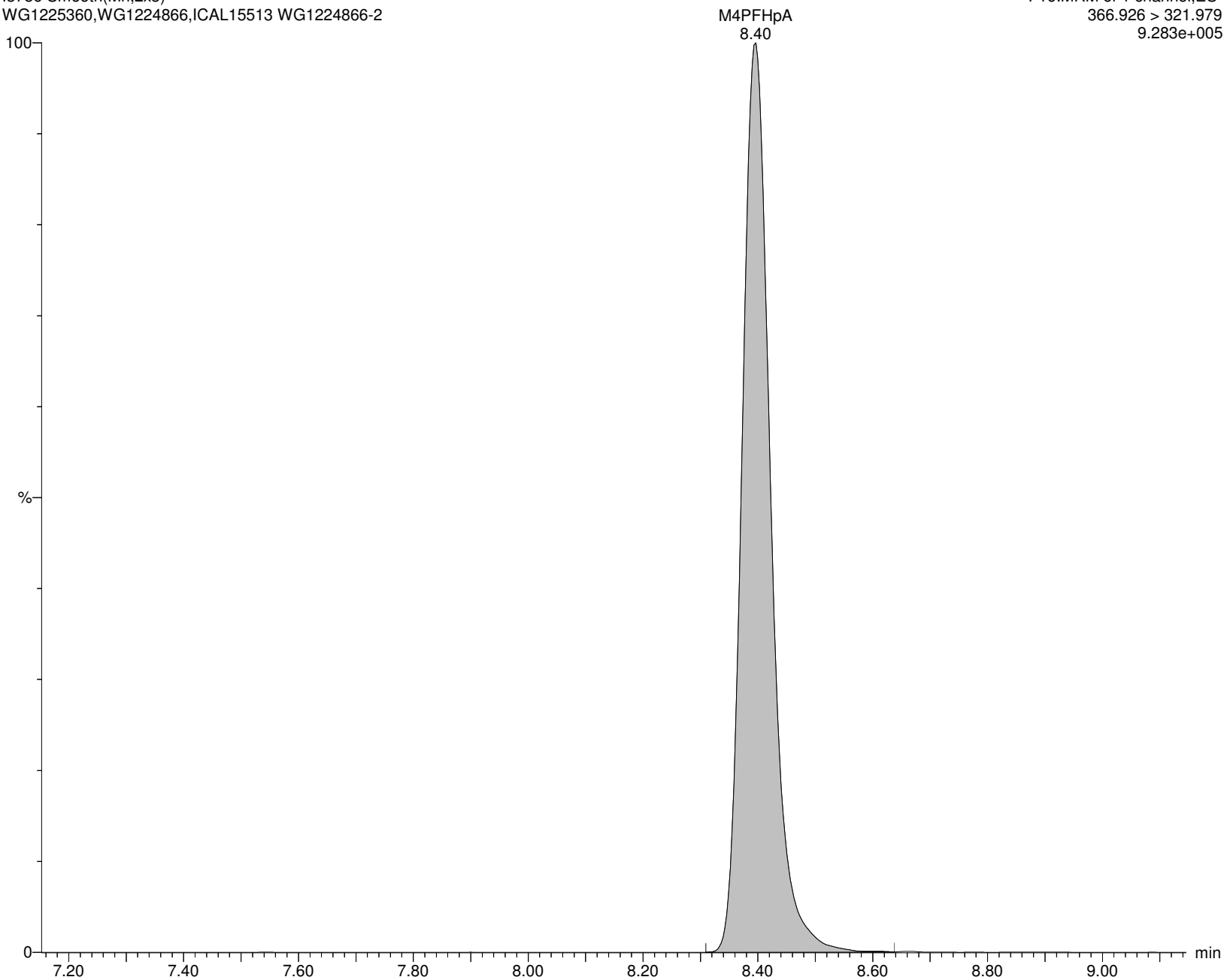
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F16:MRM of 1 channel,ES-

366.926 > 321.979

9.283e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFHxS

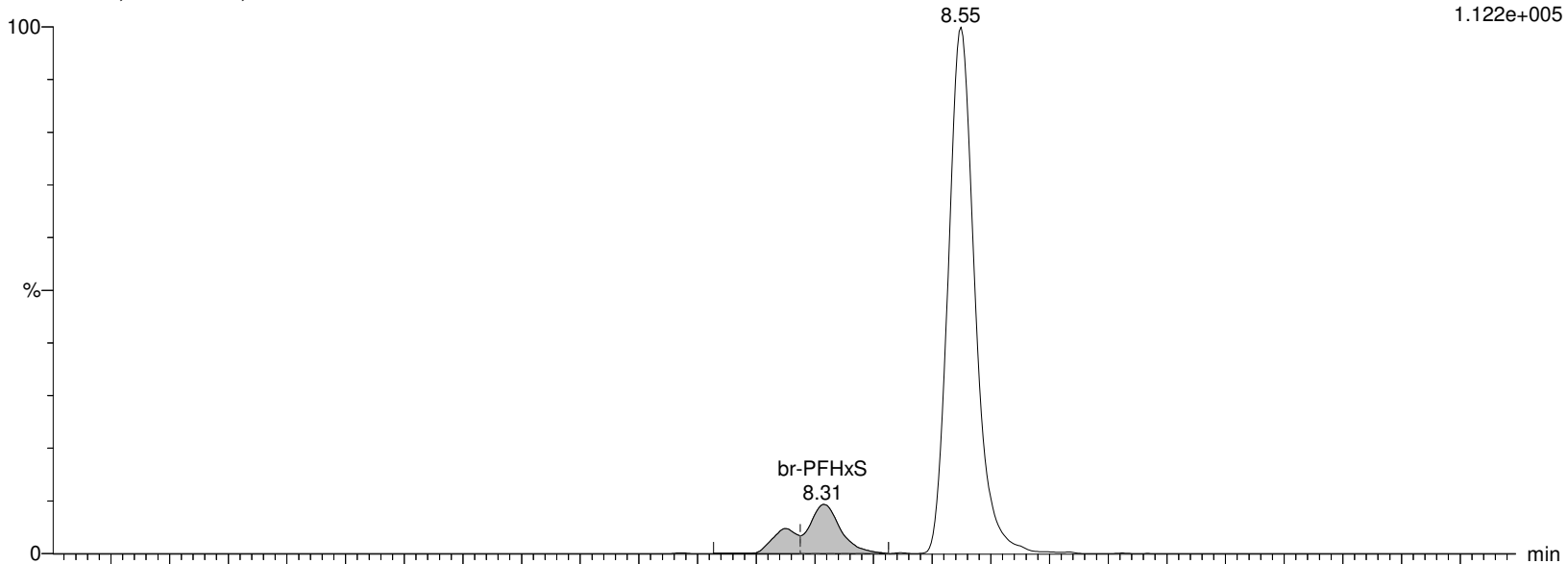
I3786 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F18:MRM of 2 channels,ES-

398.926 > 80.295

1.122e+005



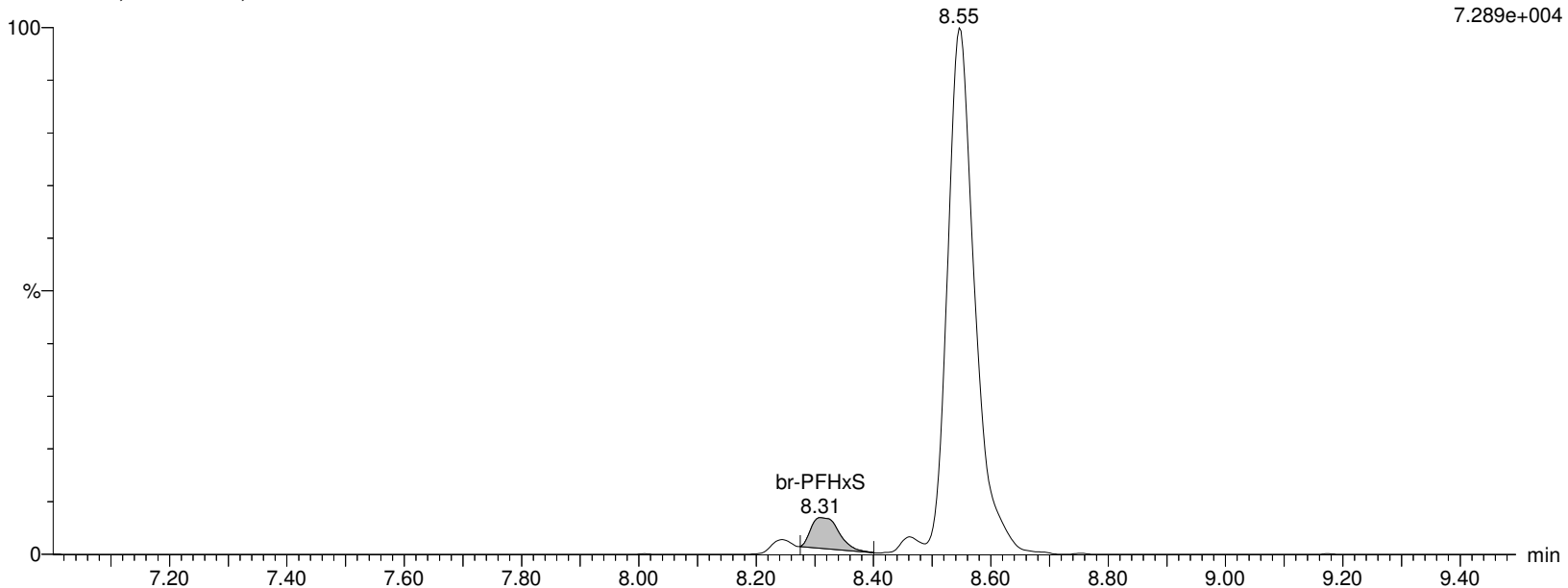
I3786 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F18:MRM of 2 channels,ES-

398.926 > 99.2

7.289e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFHxS

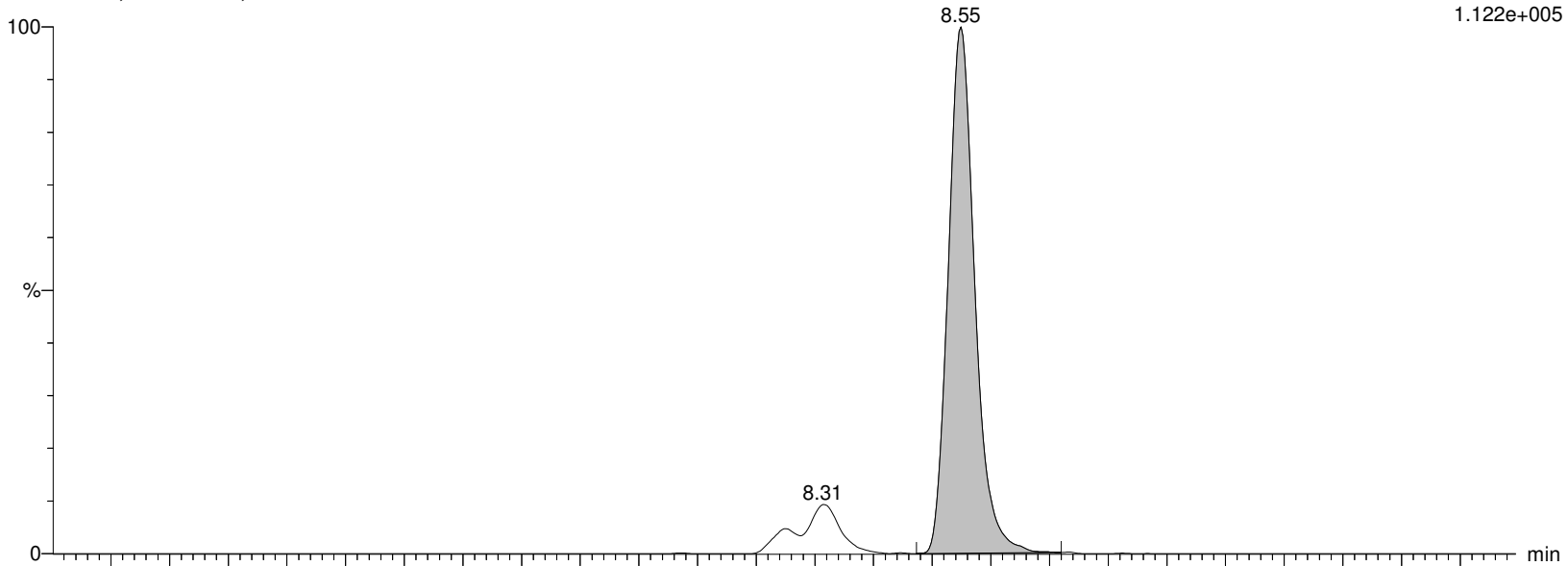
I3786 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F18:MRM of 2 channels,ES-

398.926 > 80.295

1.122e+005



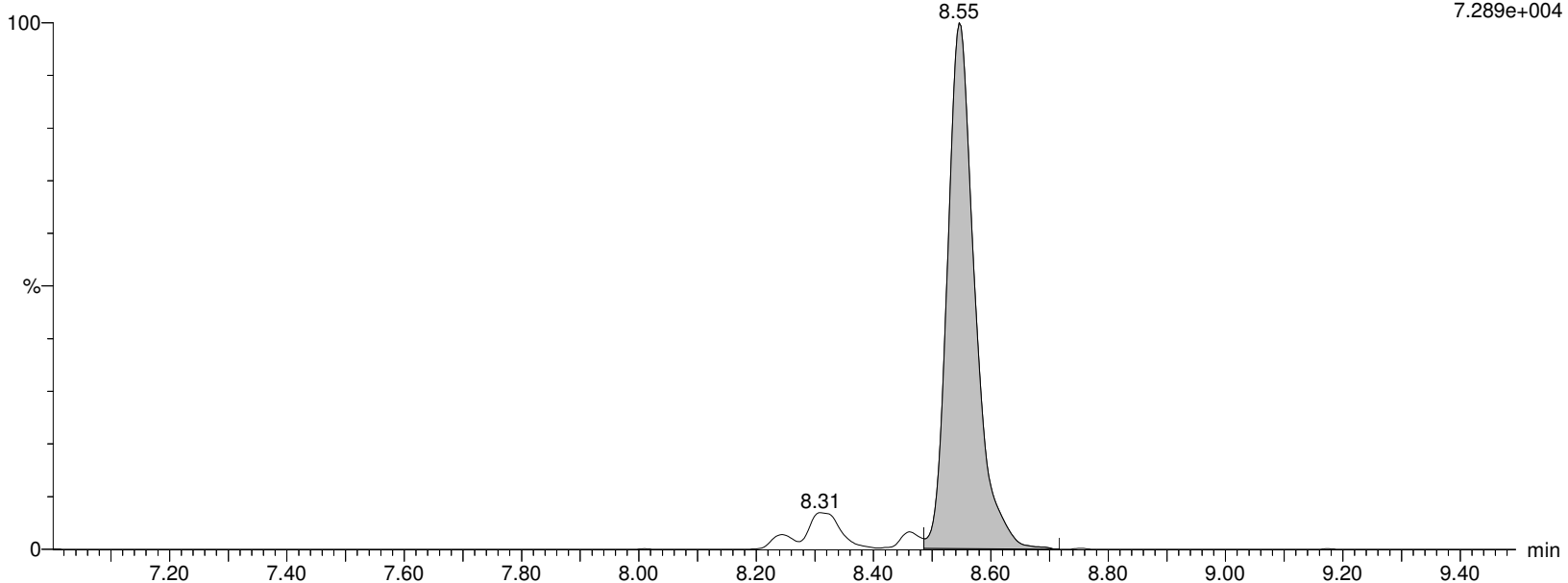
I3786 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F18:MRM of 2 channels,ES-

398.926 > 99.2

7.289e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxS

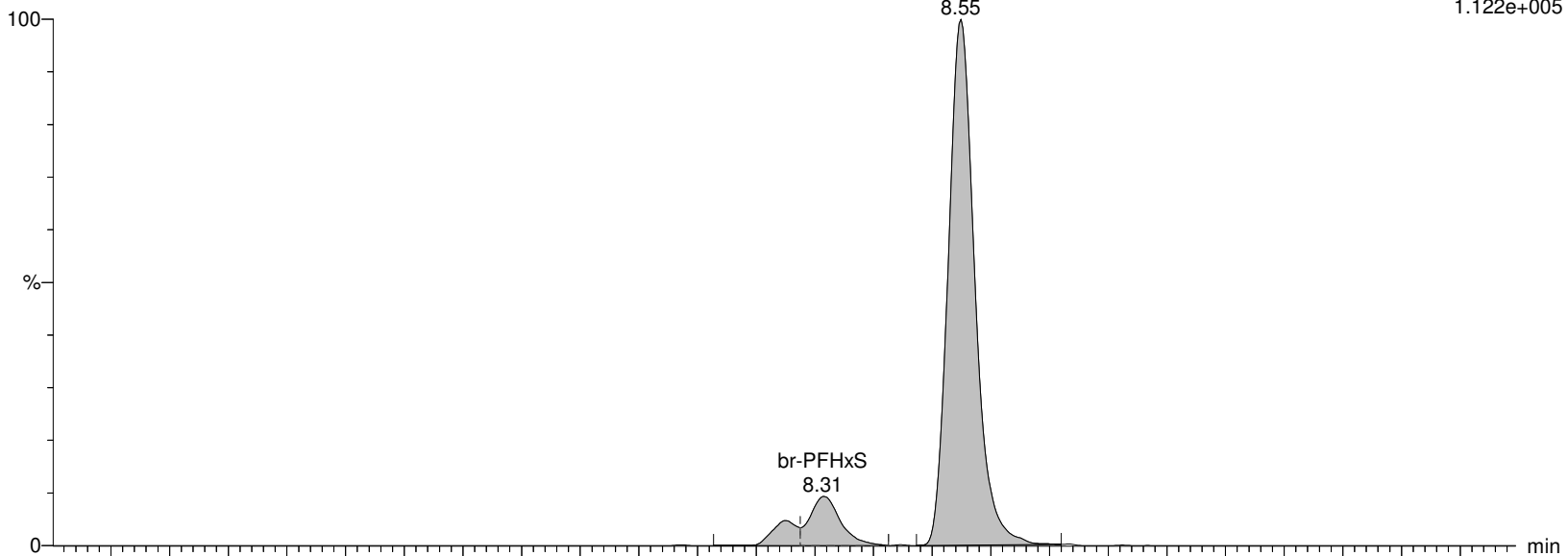
I3786 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F18:MRM of 2 channels,ES-

398.926 > 80.295

1.122e+005



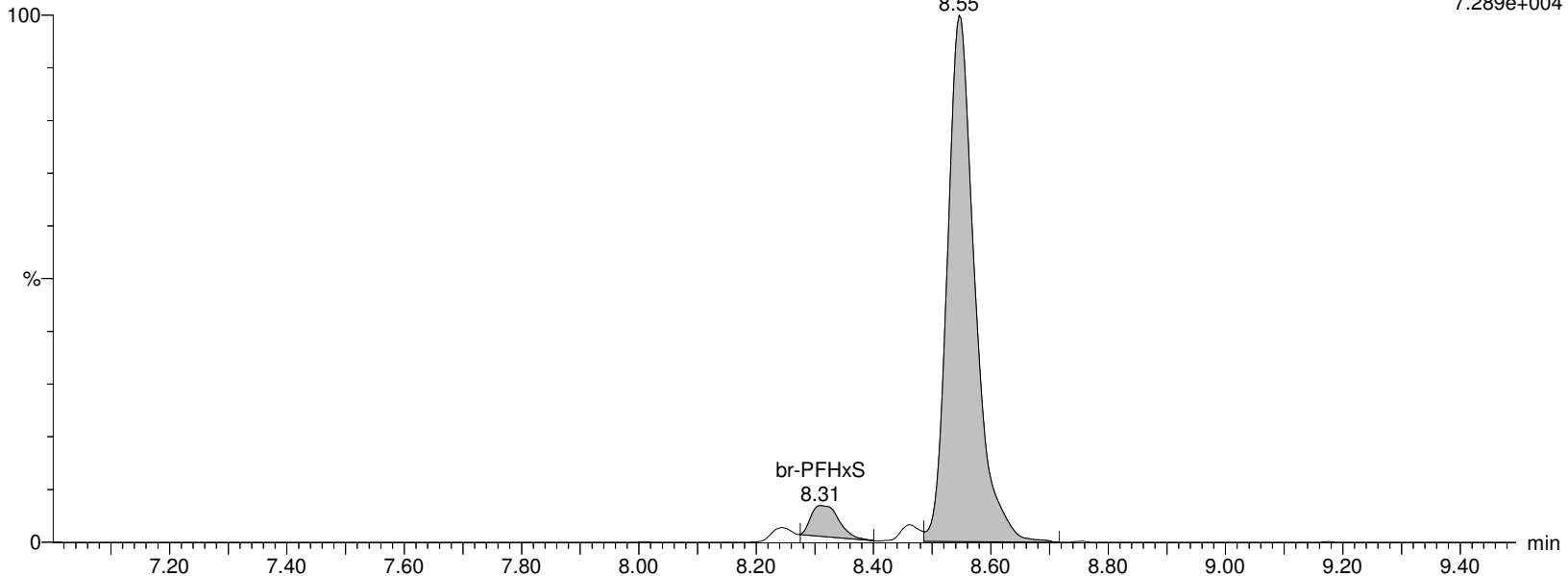
I3786 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F18:MRM of 2 channels,ES-

398.926 > 99.2

7.289e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFHxS

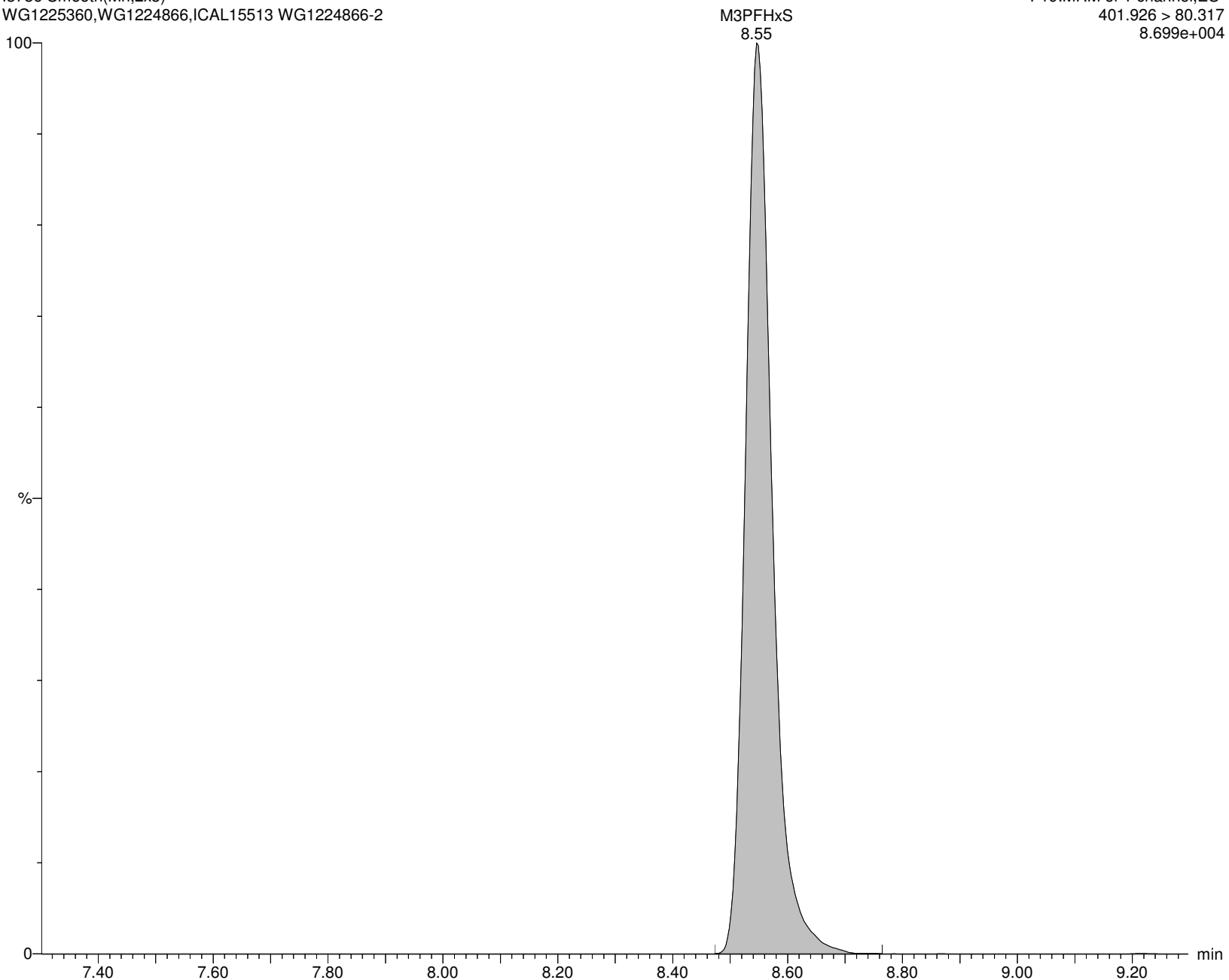
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F19:MRM of 1 channel,ES-

401.926 > 80.317

8.699e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOA

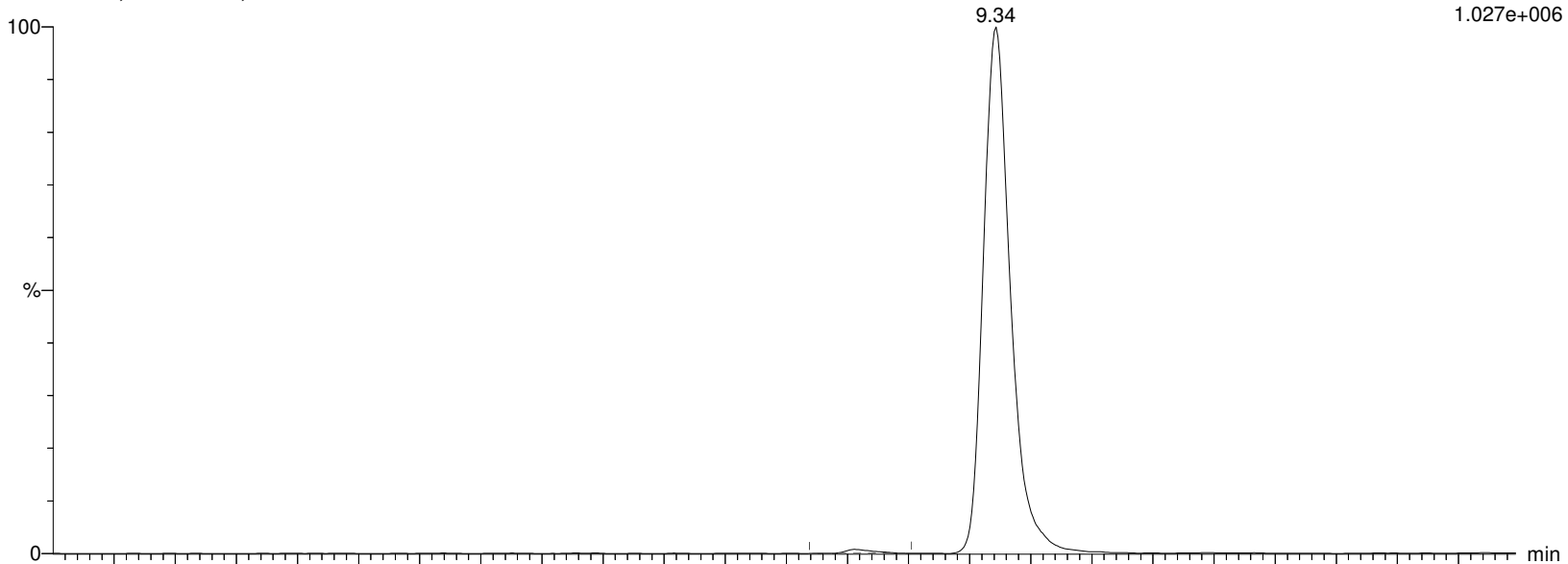
I3786 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-2

F20:MRM of 2 channels, ES-

412.989 > 368.9

1.027e+006



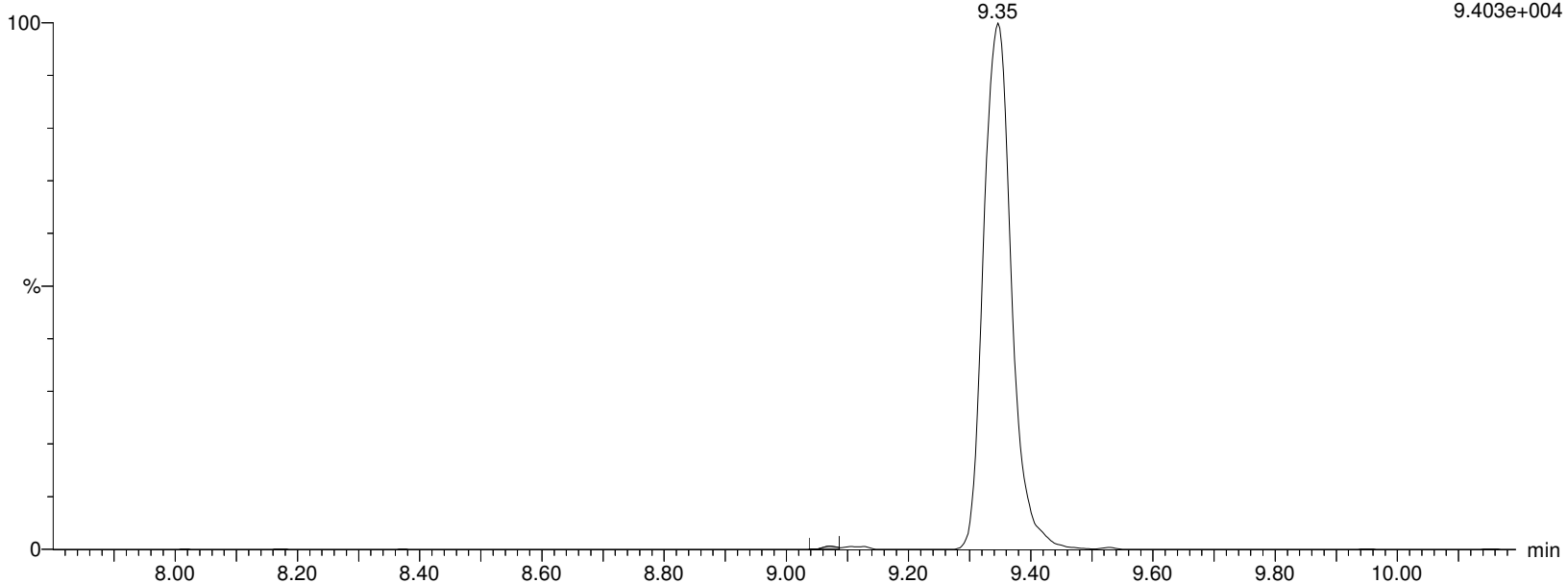
I3786 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-2

F20:MRM of 2 channels, ES-

412.989 > 219.08

9.403e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOA

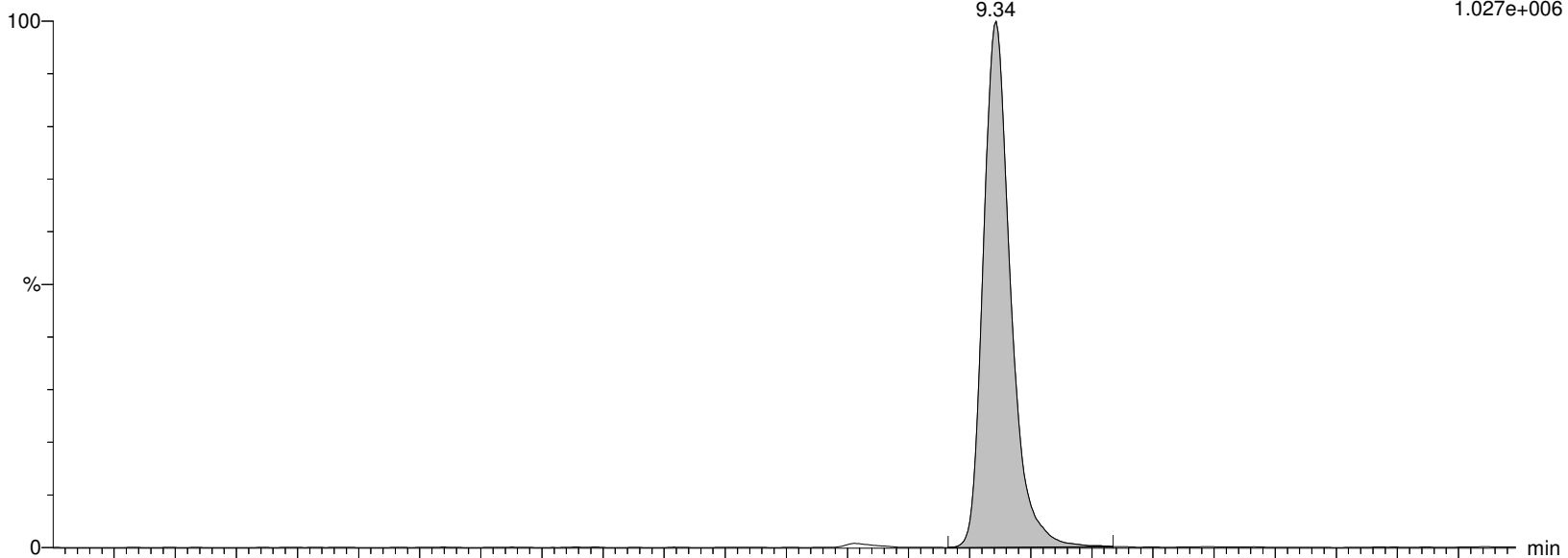
I3786 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-2

F20:MRM of 2 channels, ES-

412.989 > 368.9

1.027e+006



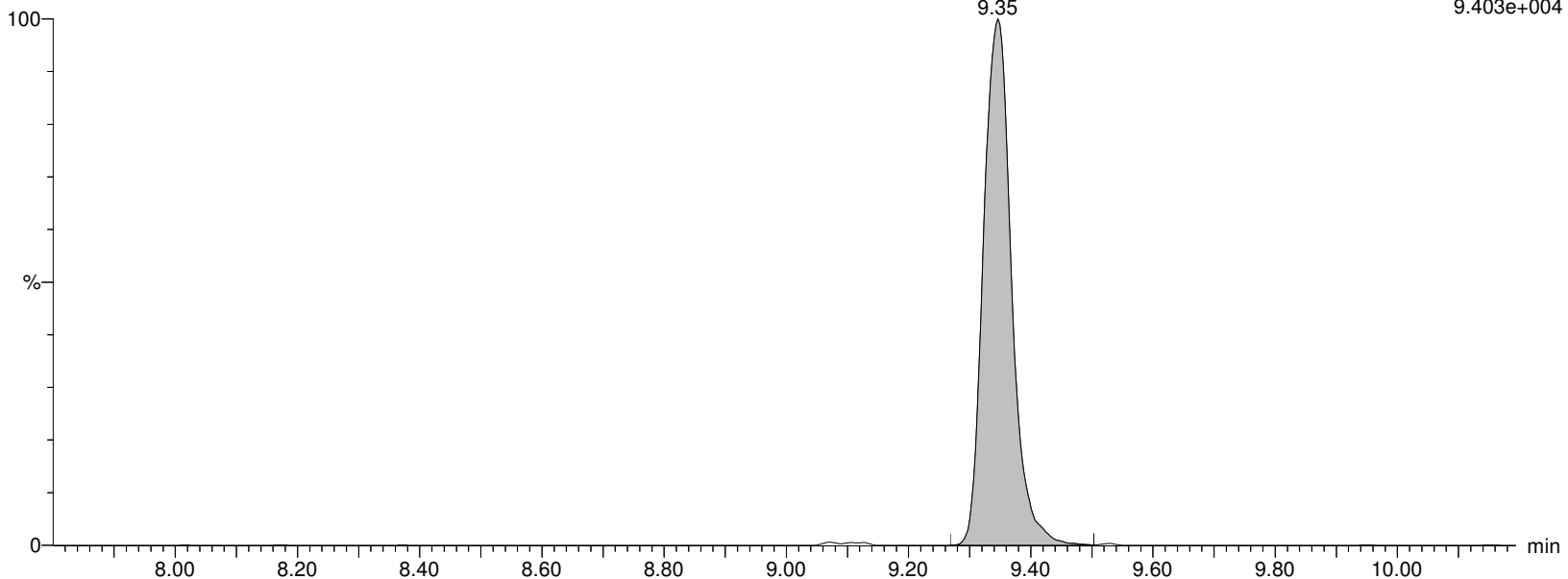
I3786 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-2

F20:MRM of 2 channels, ES-

412.989 > 219.08

9.403e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFOA

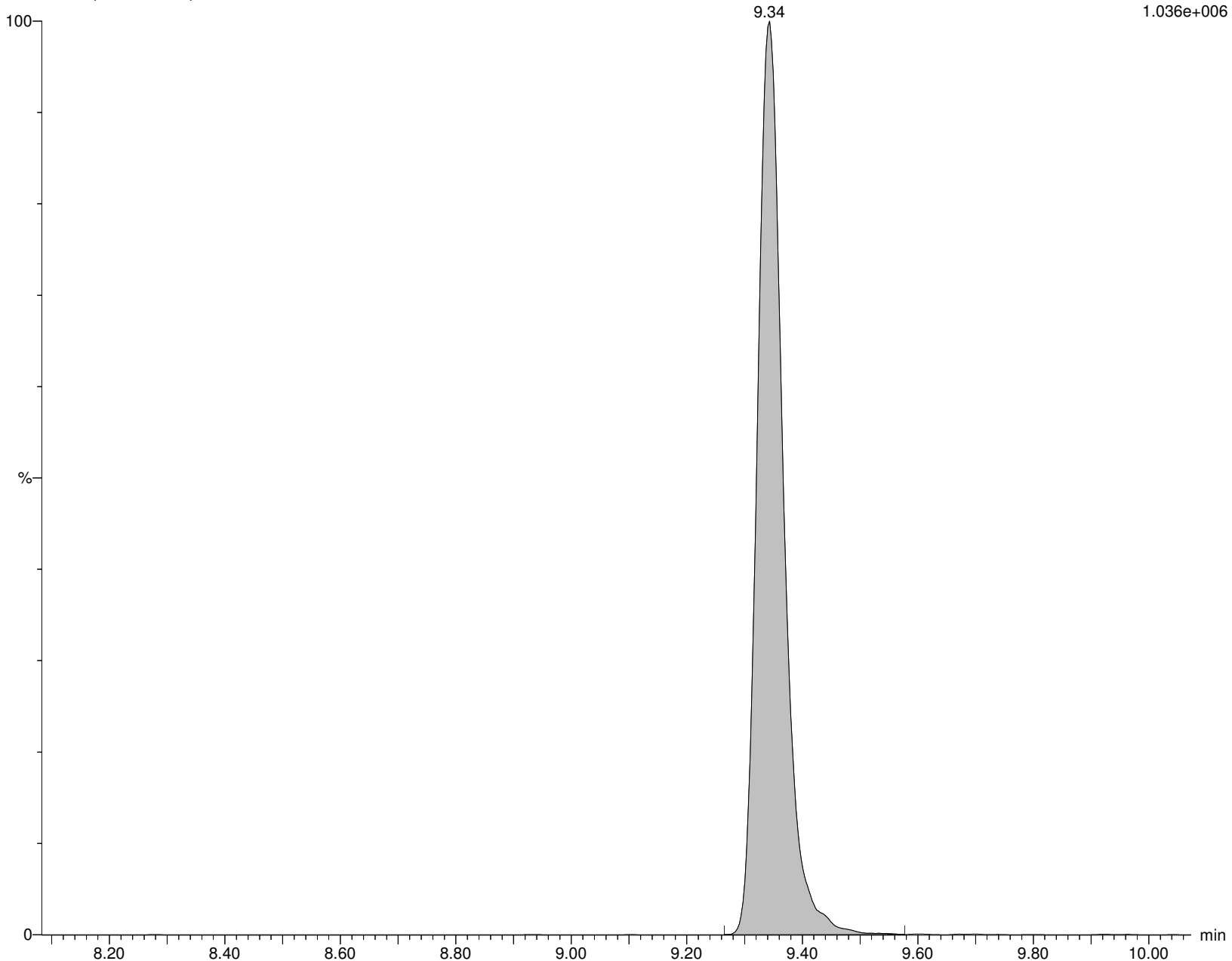
I3786 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F21:MRM of 1 channel,ES-

415.032 > 369.968

1.036e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOA

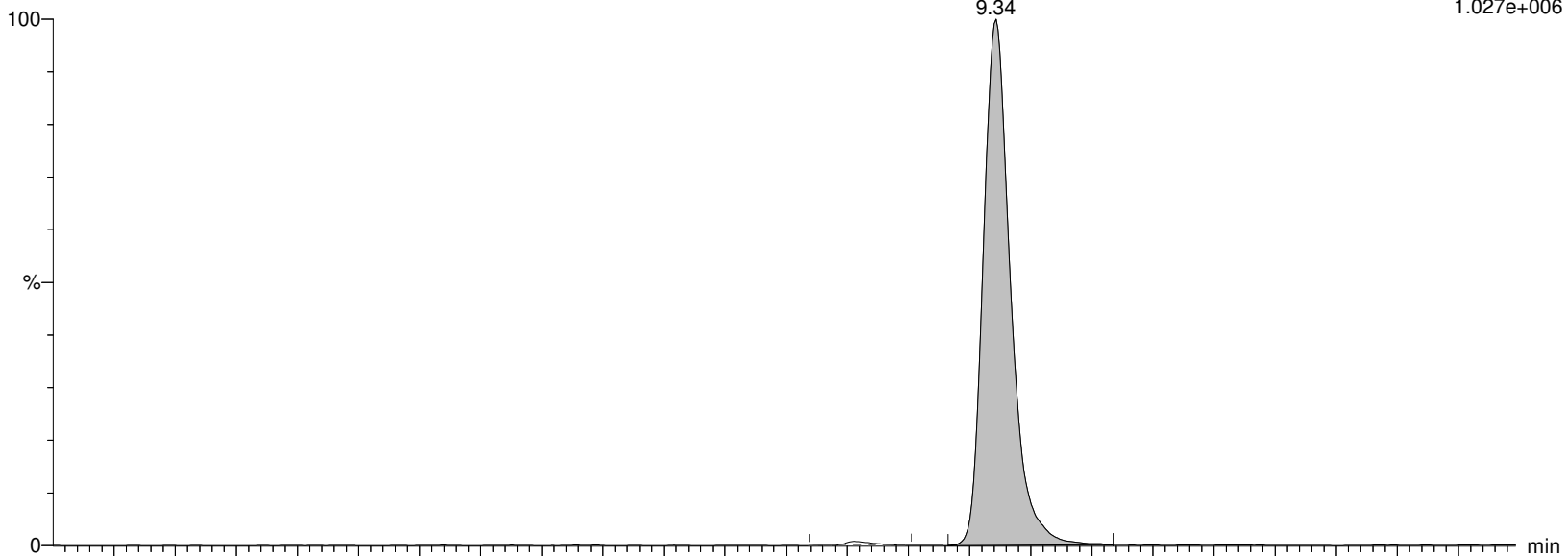
I3786 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F20:MRM of 2 channels,ES-

412.989 > 368.9

1.027e+006



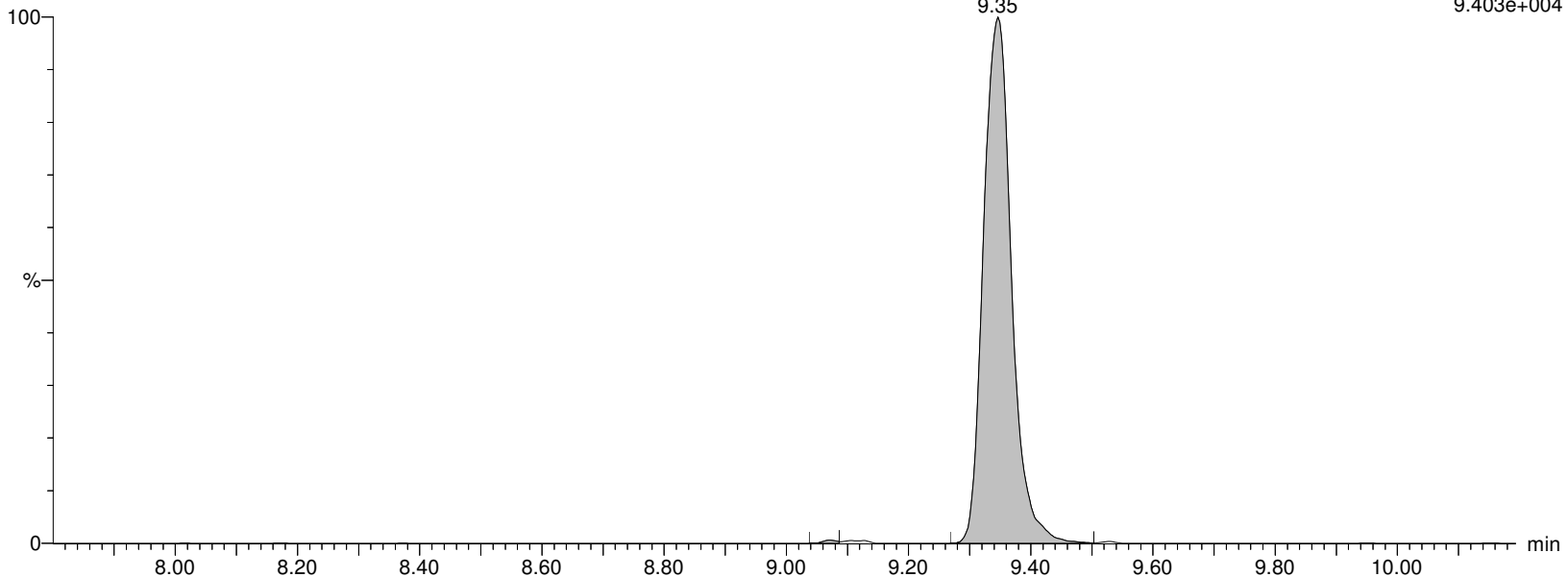
I3786 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F20:MRM of 2 channels,ES-

412.989 > 219.08

9.403e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOA

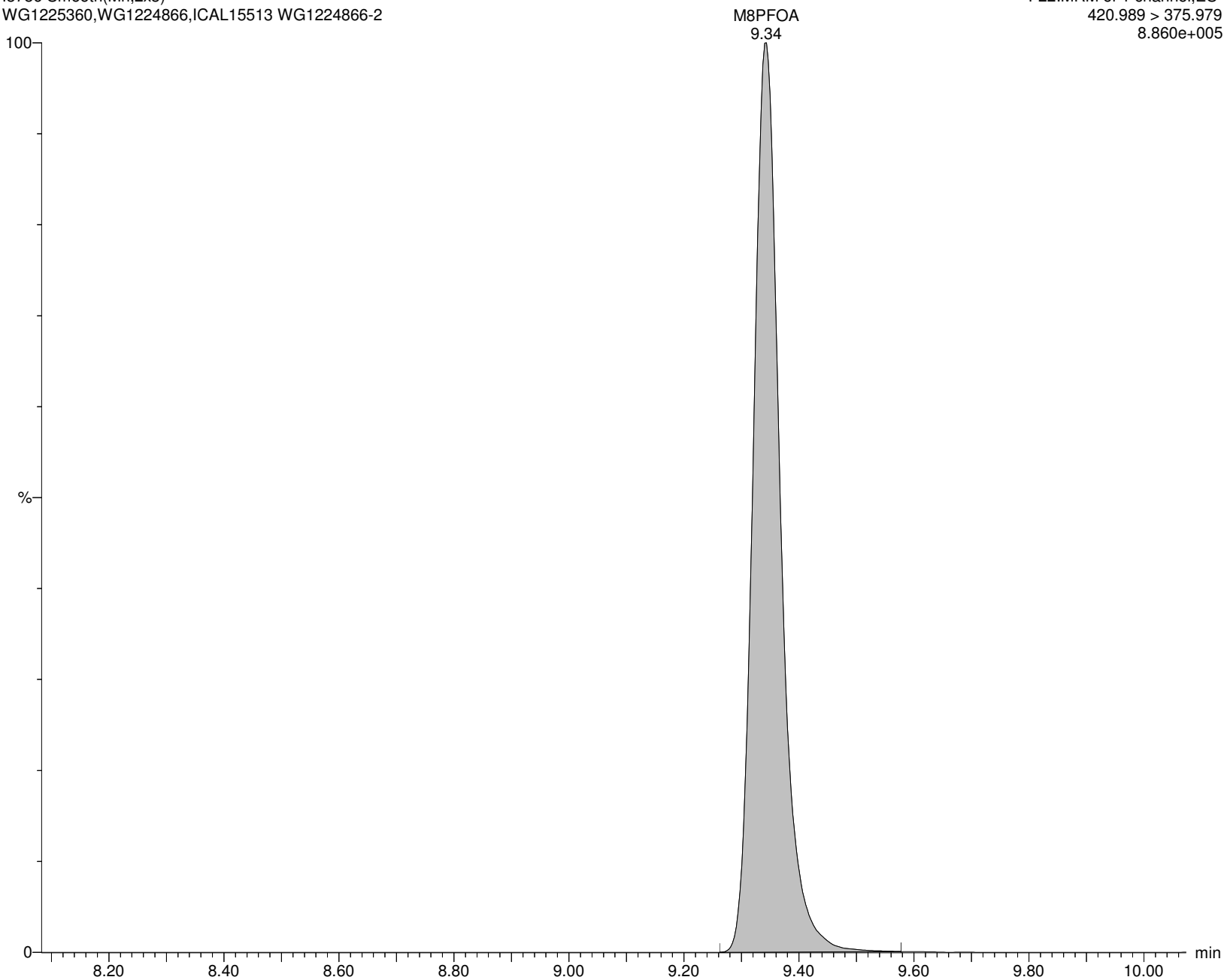
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F22:MRM of 1 channel,ES-

420.989 > 375.979

8.860e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

6:2FTS

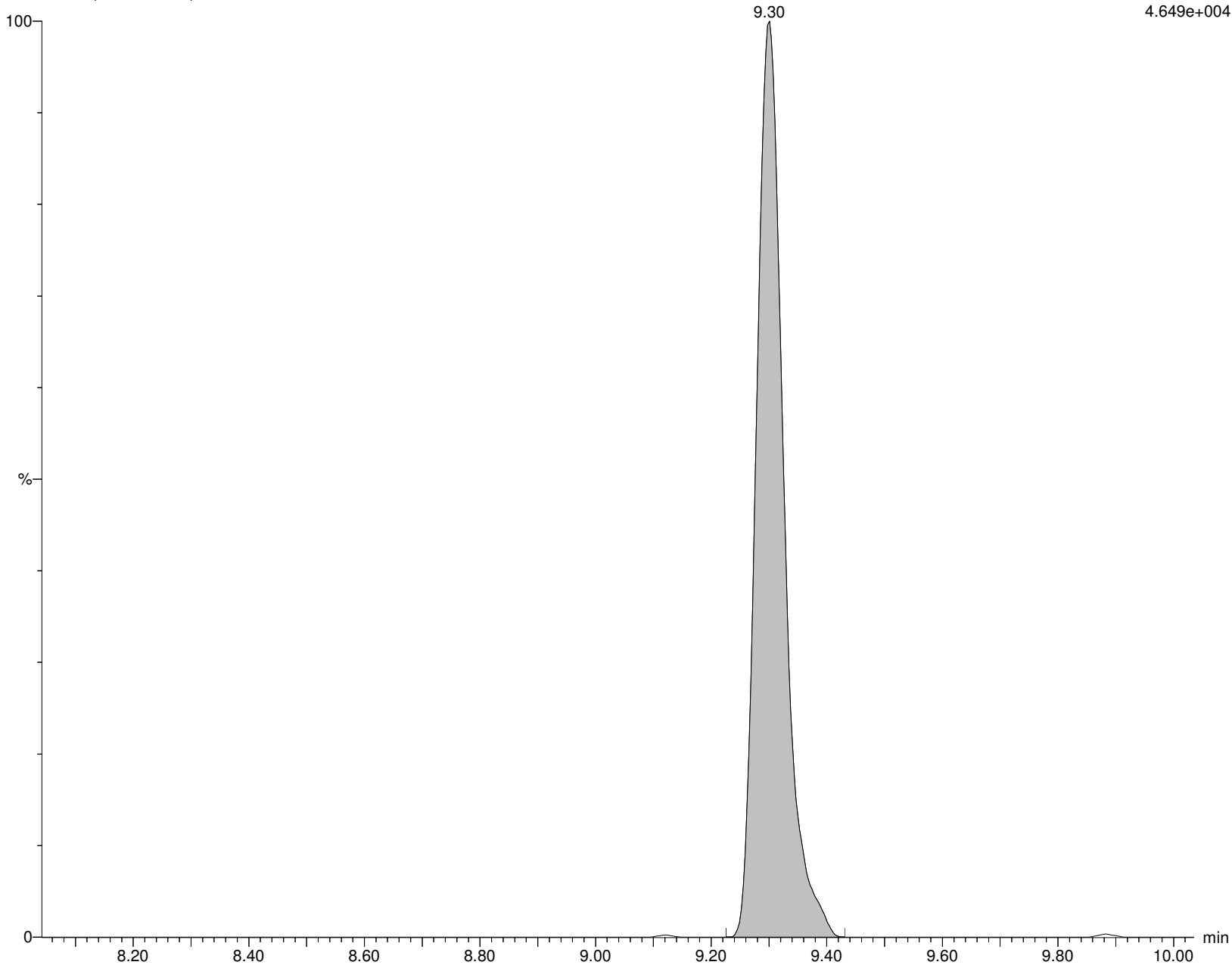
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F23:MRM of 2 channels,ES-

426.989 > 406.921

4.649e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-6:2FTS

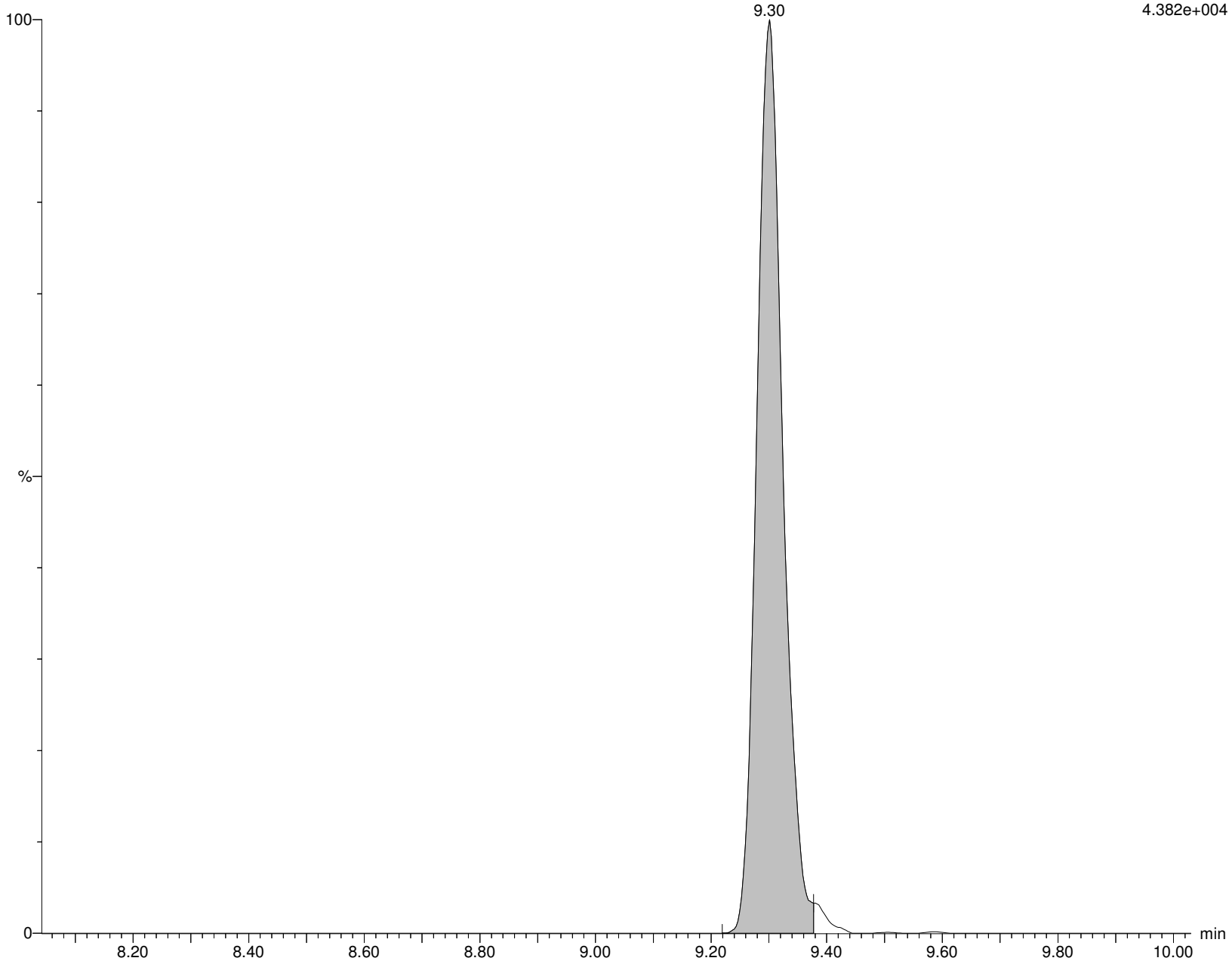
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F24:MRM of 1 channel,ES-

428.989 > 408.917

4.382e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpS

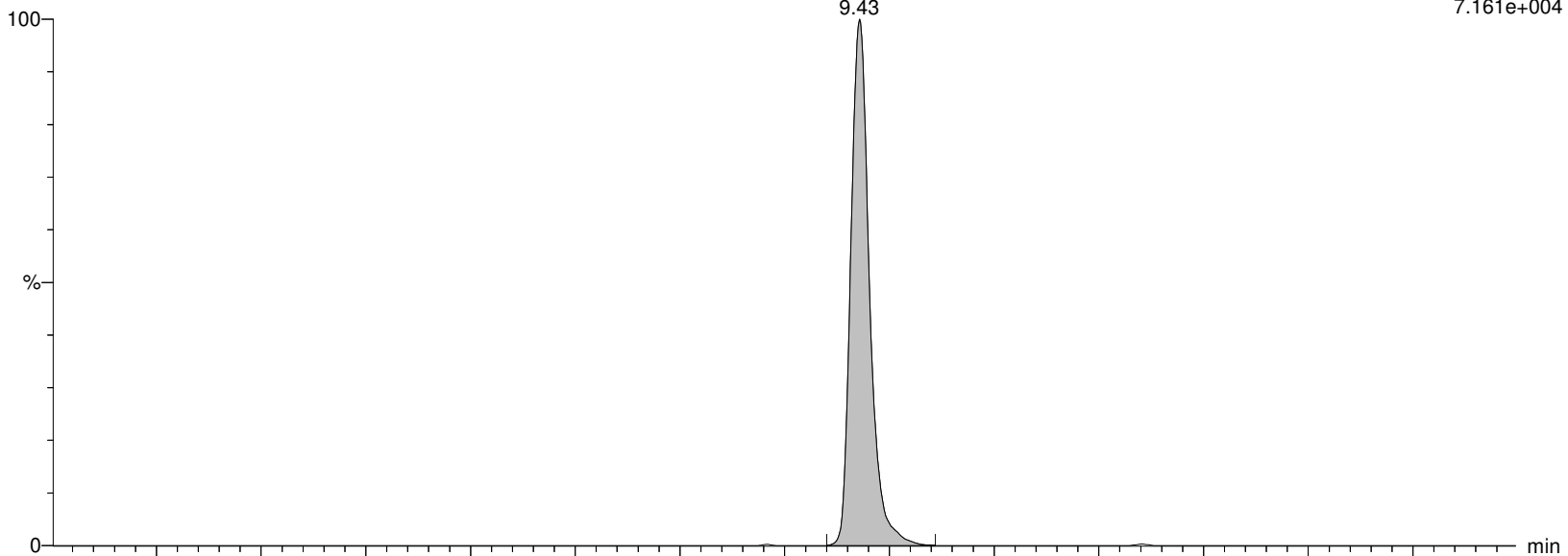
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F25:MRM of 2 channels,ES-

448.926 > 80.257

7.161e+004



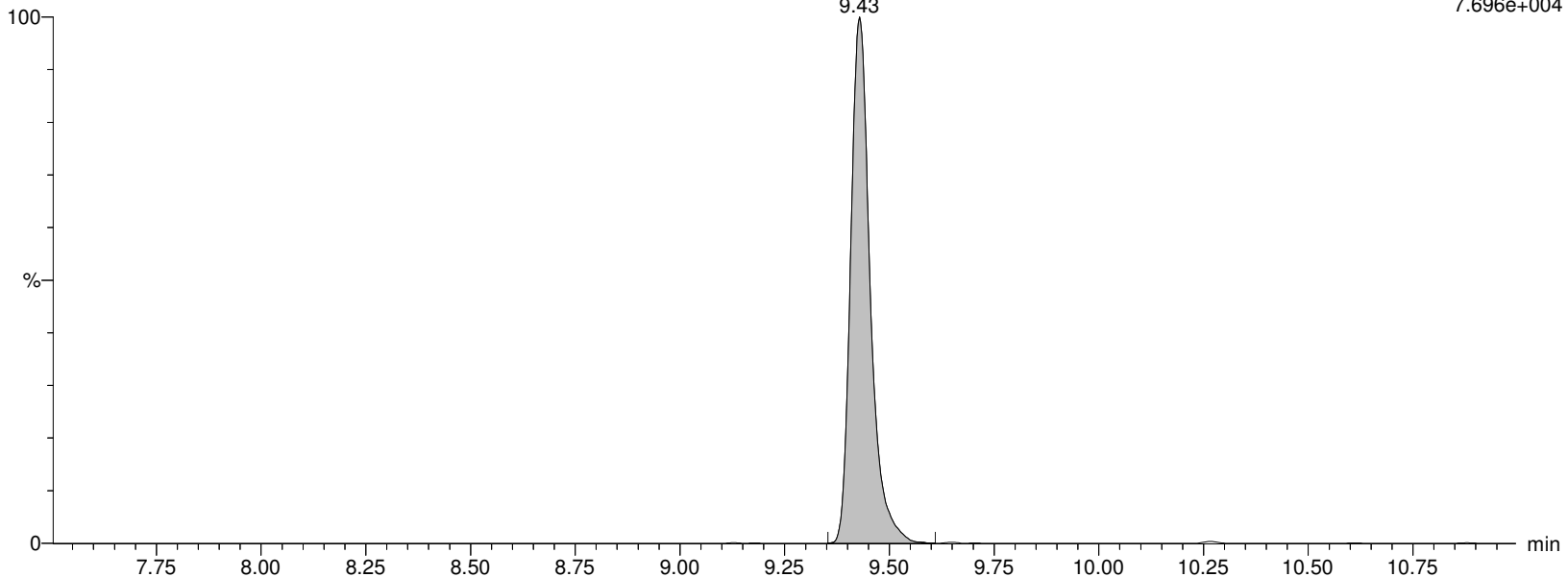
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F25:MRM of 2 channels,ES-

448.926 > 99.22

7.696e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNA

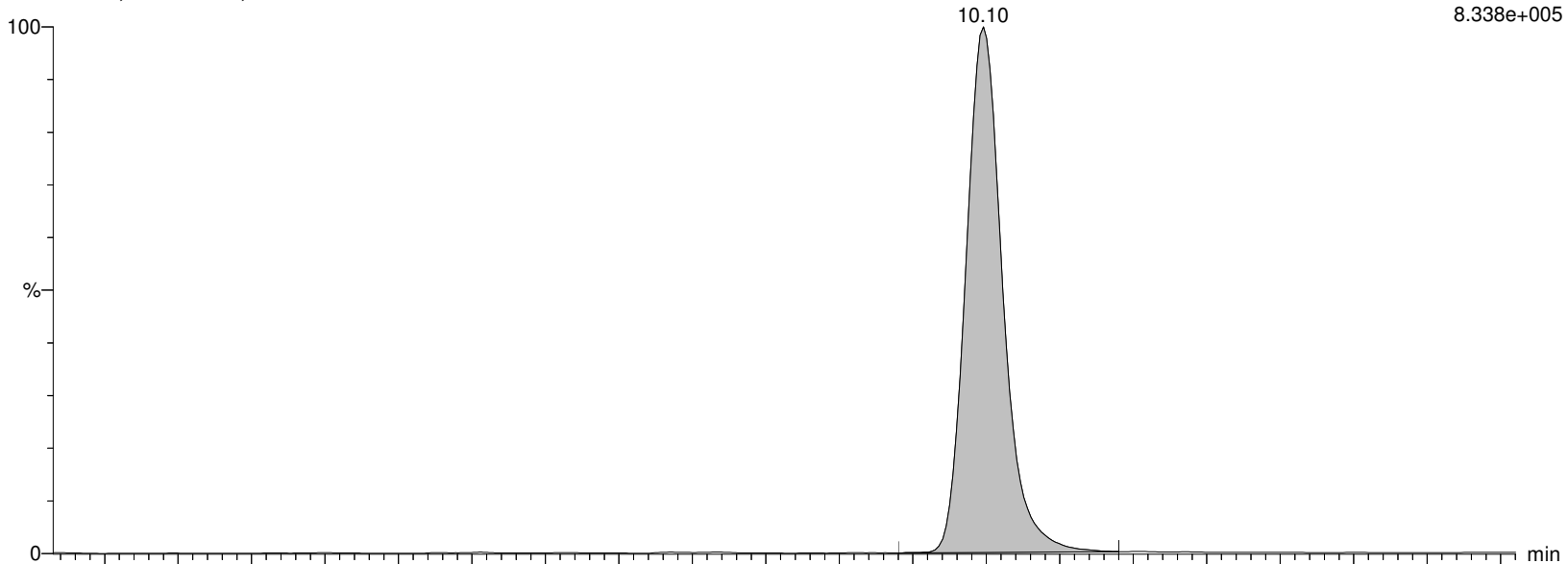
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F26:MRM of 2 channels,ES-

462.989 > 418.931

8.338e+005



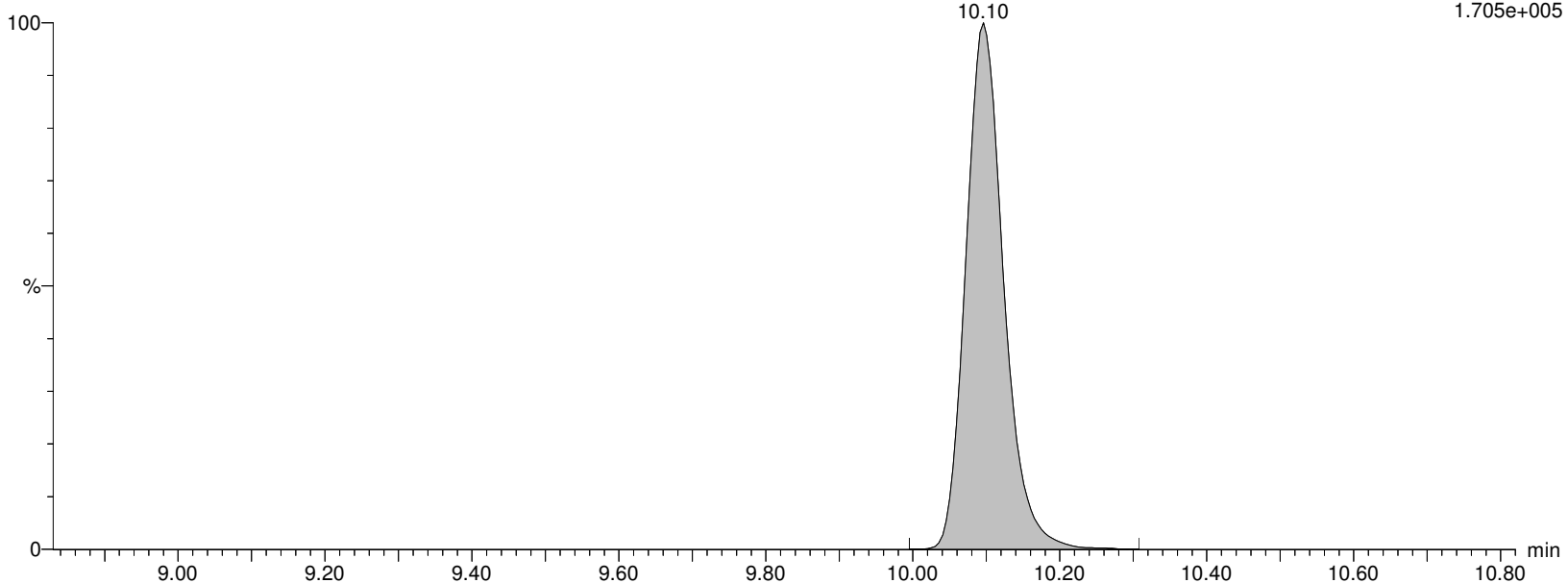
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F26:MRM of 2 channels,ES-

462.989 > 219.04

1.705e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M9PFNA

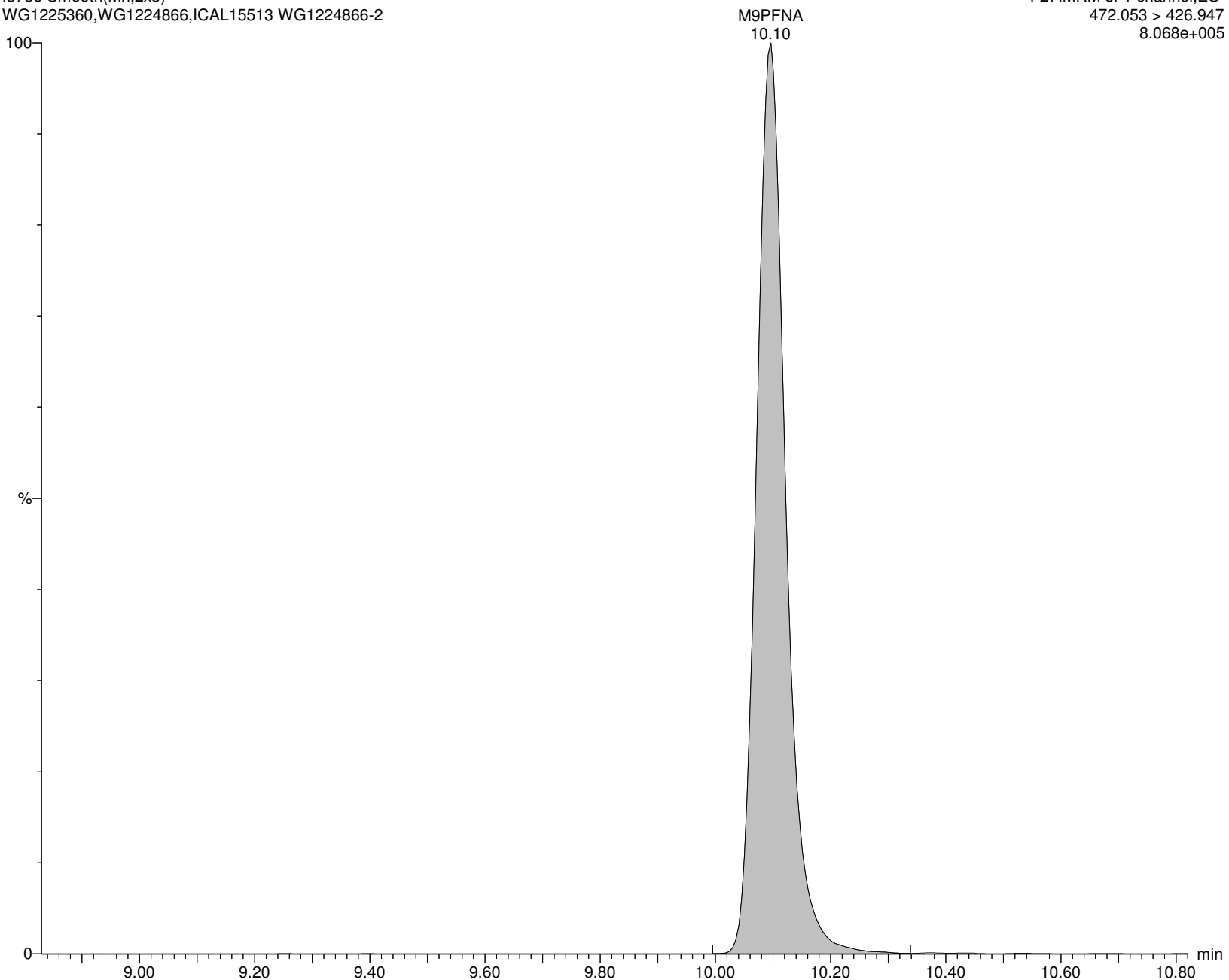
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F27:MRM of 1 channel,ES-

472.053 > 426.947

8.068e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOS

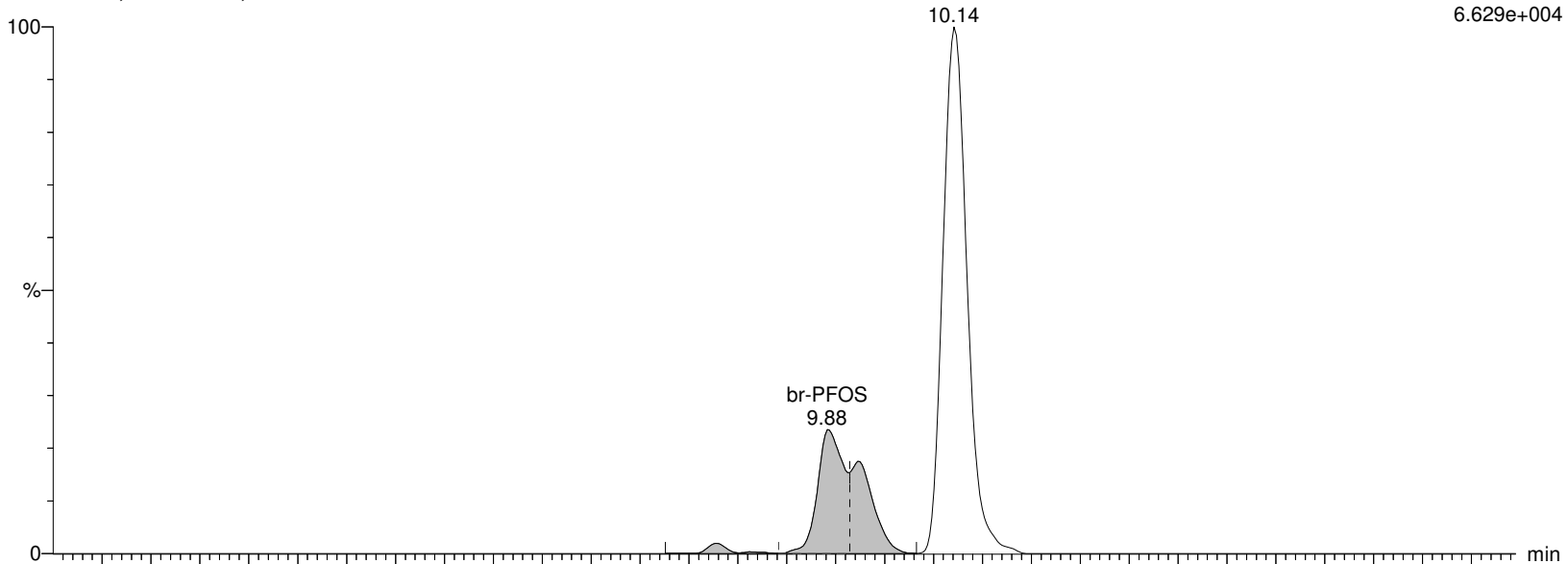
I3786 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F29:MRM of 2 channels,ES-

498.989 > 80.294

6.629e+004



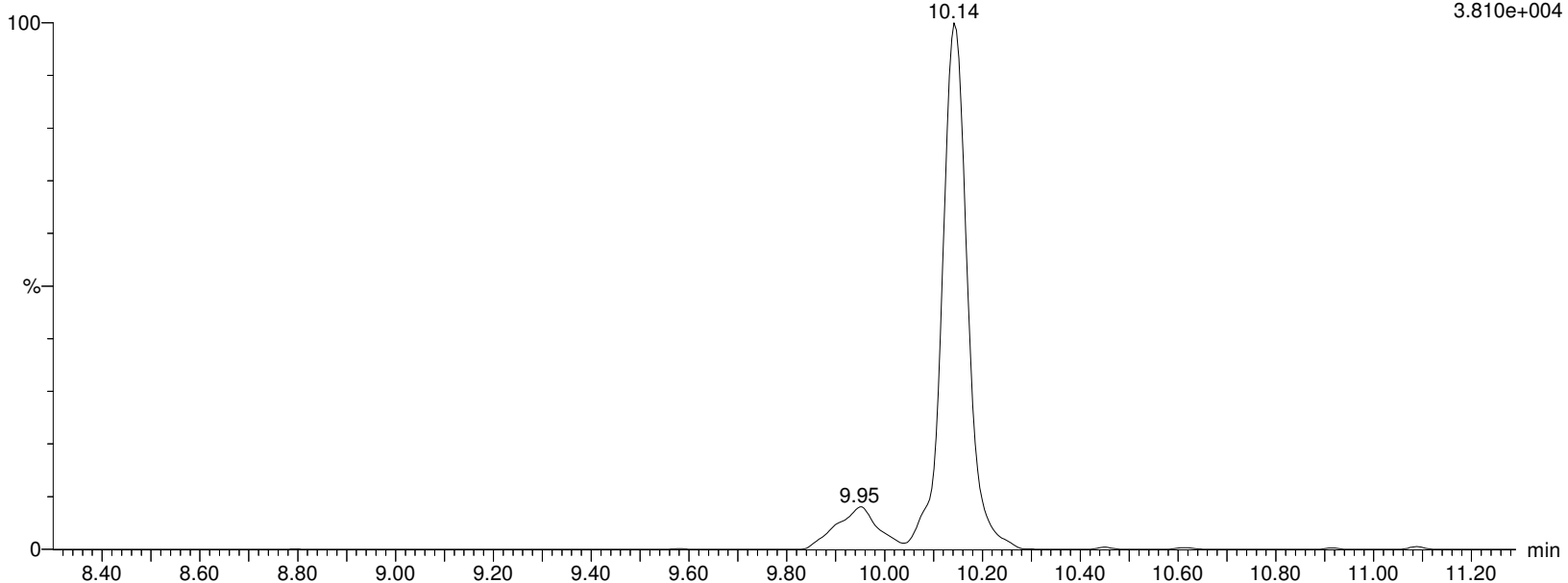
I3786 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F29:MRM of 2 channels,ES-

498.989 > 99.27

3.810e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOS

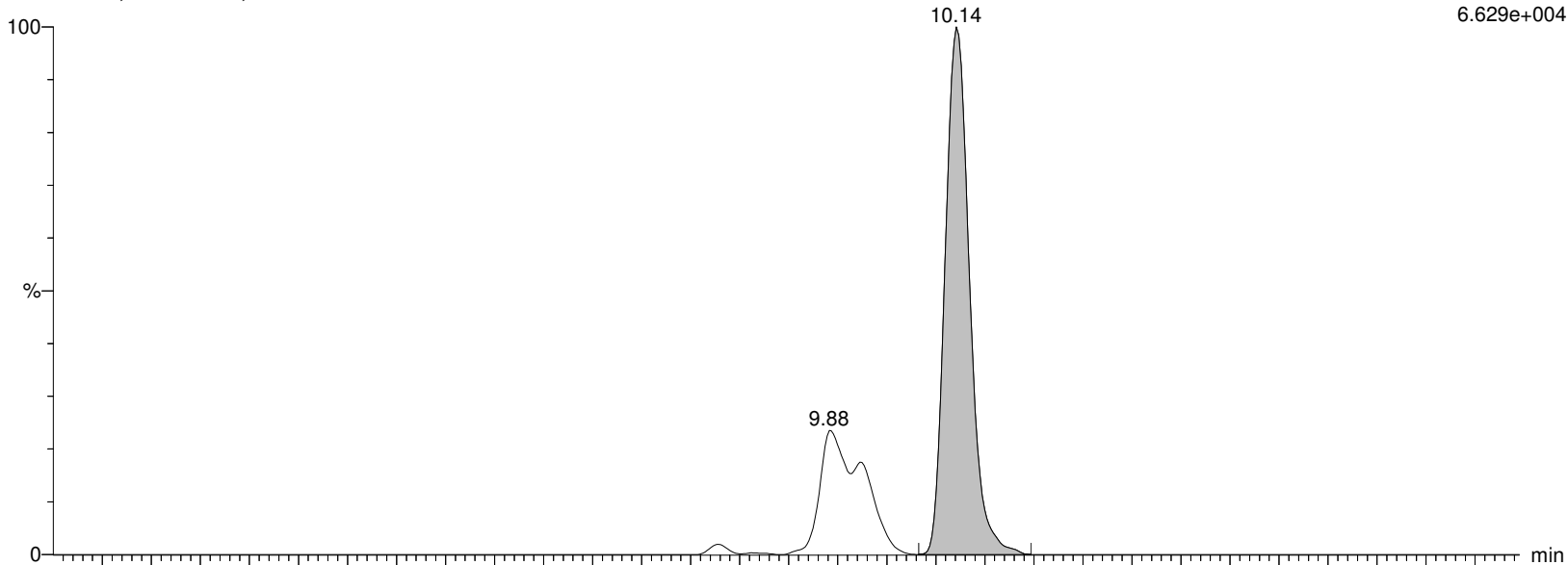
I3786 Smooth(Mn,3x2)

WG1225360, WG1224866, ICAL15513 WG1224866-2

F29:MRM of 2 channels, ES-

498.989 > 80.294

6.629e+004



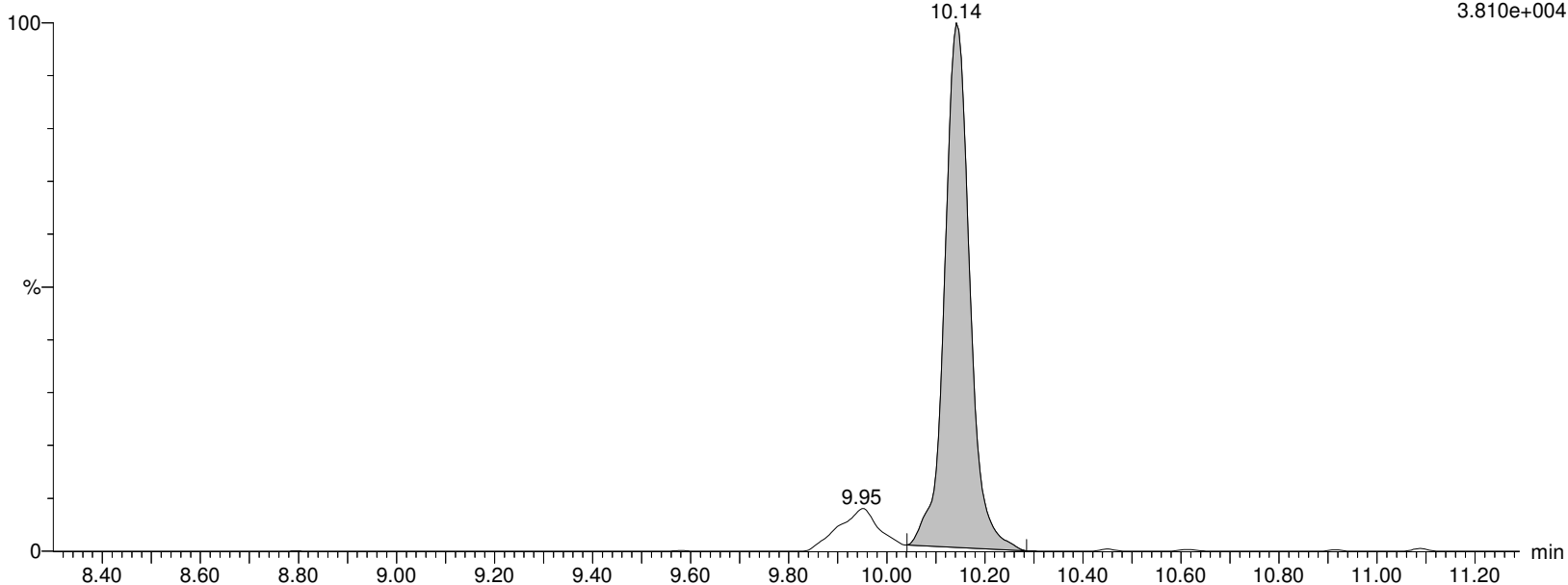
I3786 Smooth(Mn,3x2)

WG1225360, WG1224866, ICAL15513 WG1224866-2

F29:MRM of 2 channels, ES-

498.989 > 99.27

3.810e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOS

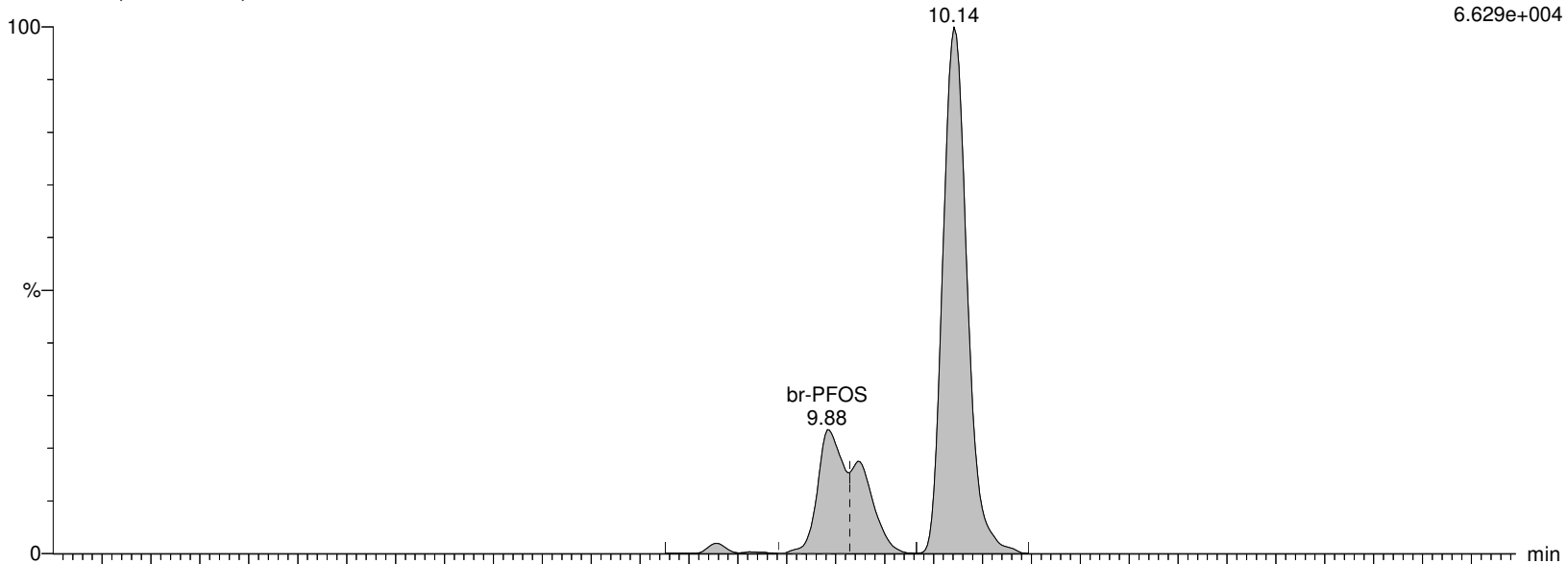
I3786 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F29:MRM of 2 channels,ES-

498.989 > 80.294

6.629e+004



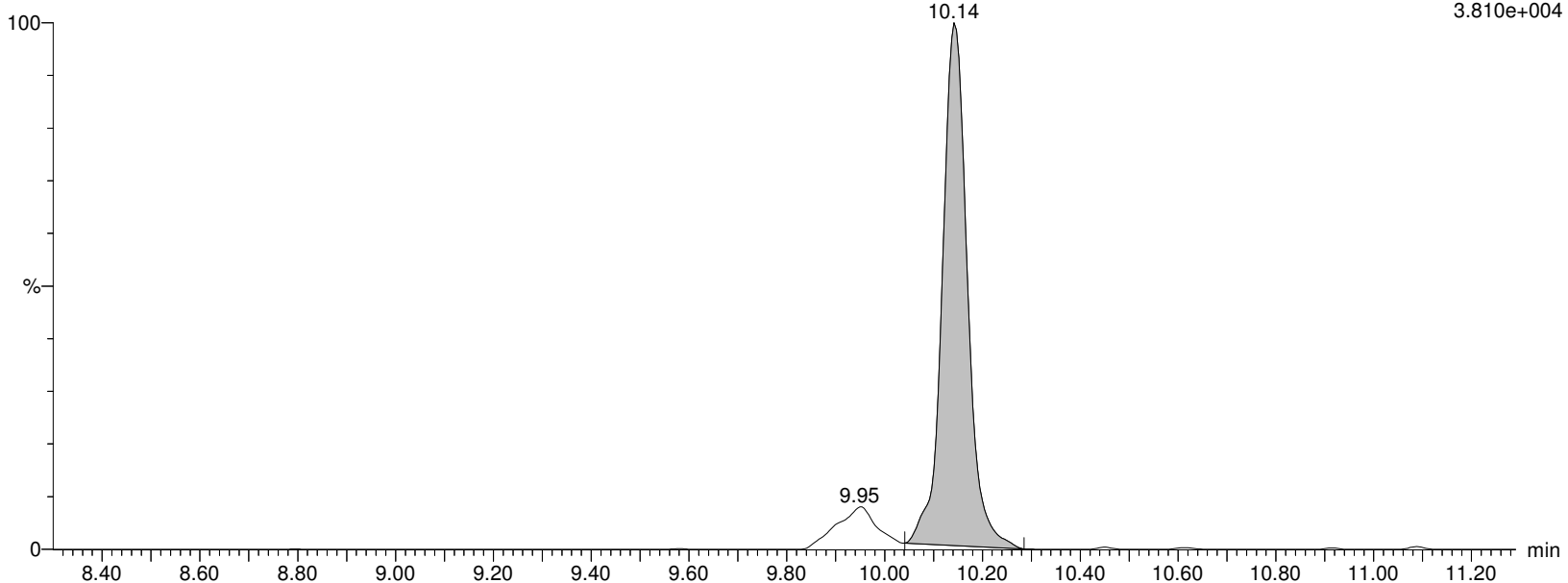
I3786 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F29:MRM of 2 channels,ES-

498.989 > 99.27

3.810e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFOS

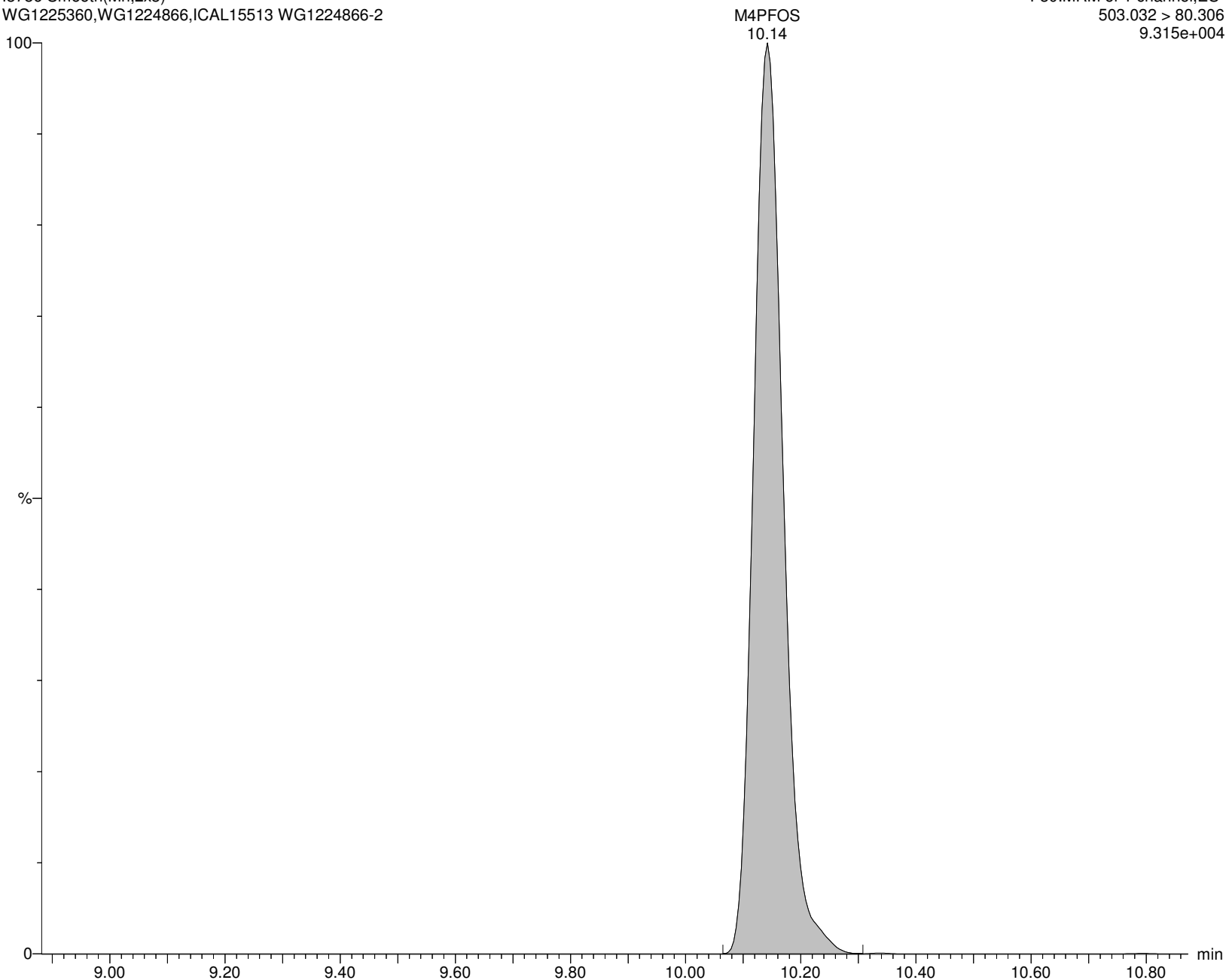
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F30:MRM of 1 channel,ES-

503.032 > 80.306

9.315e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOS

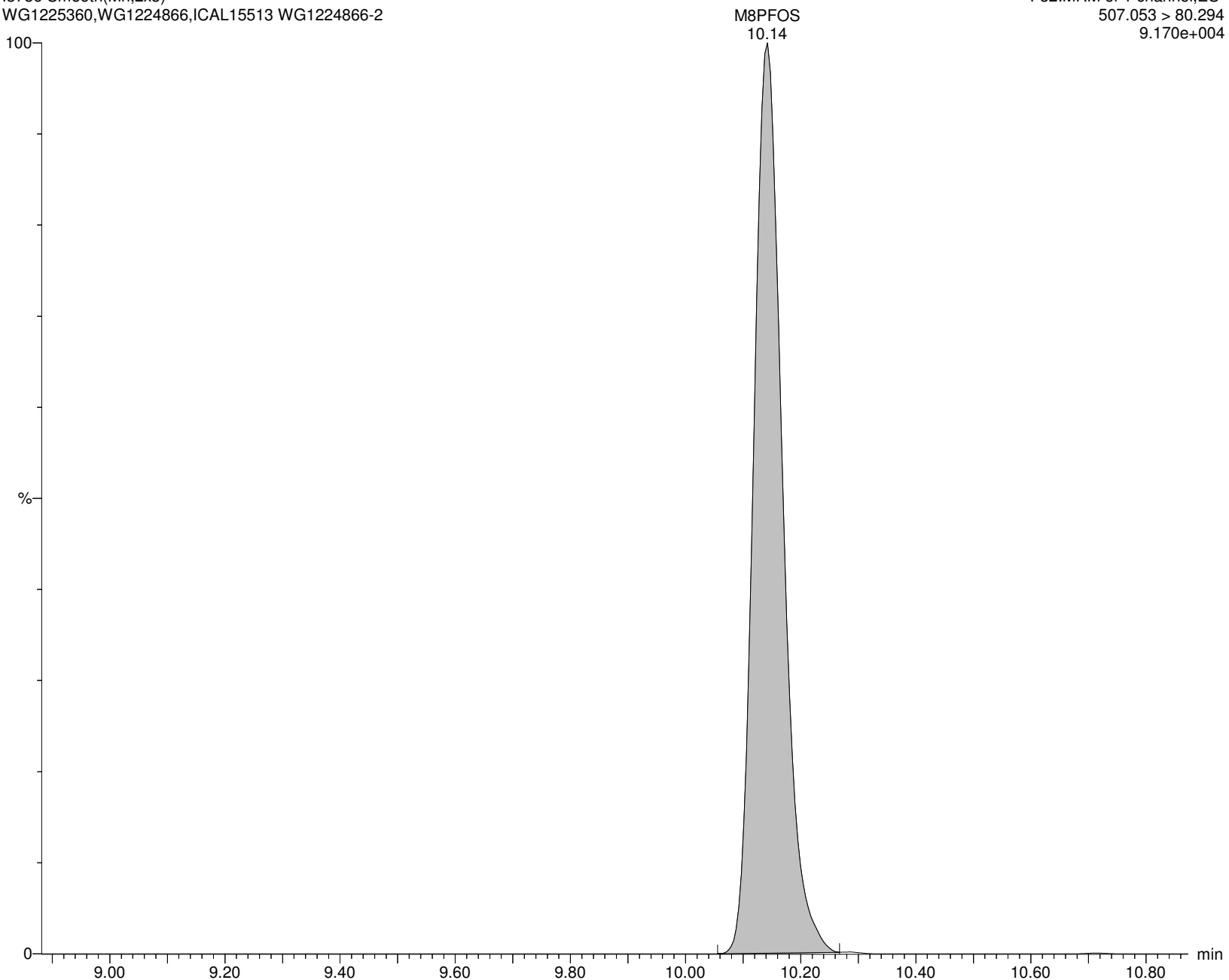
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F32:MRM of 1 channel,ES-

507.053 > 80.294

9.170e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDA

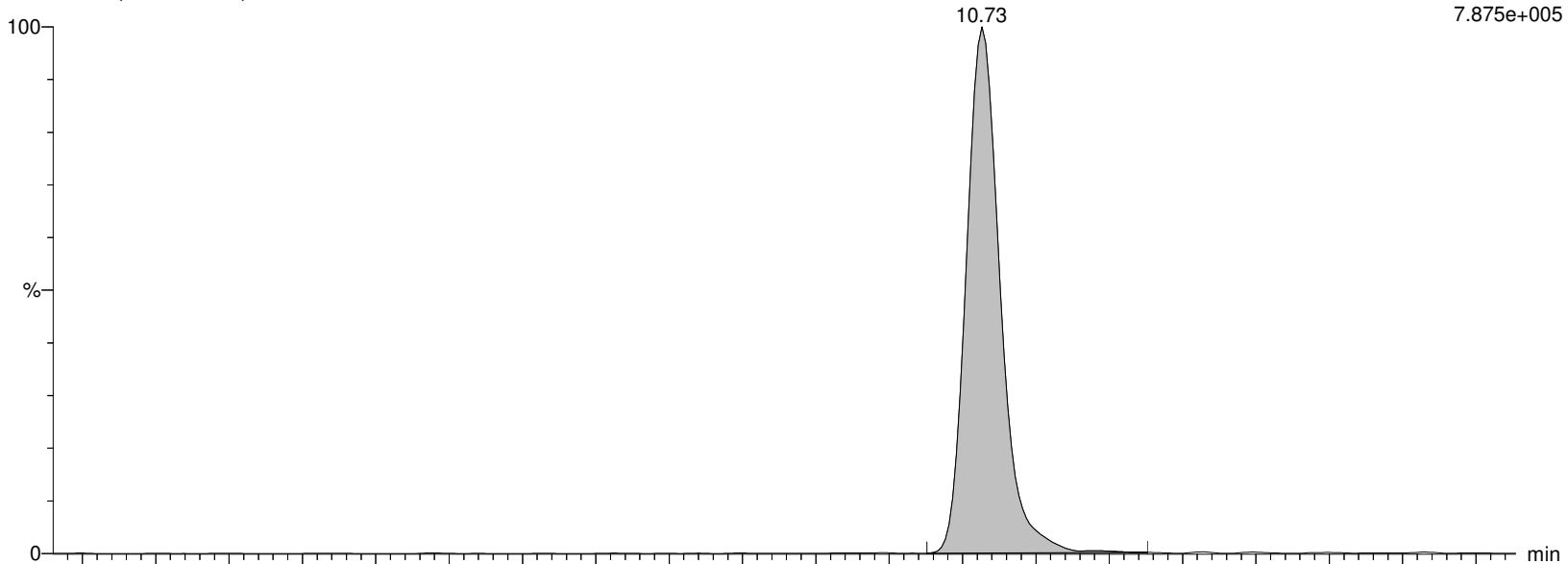
I3786 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F33:MRM of 2 channels,ES-

513.053 > 468.906

7.875e+005



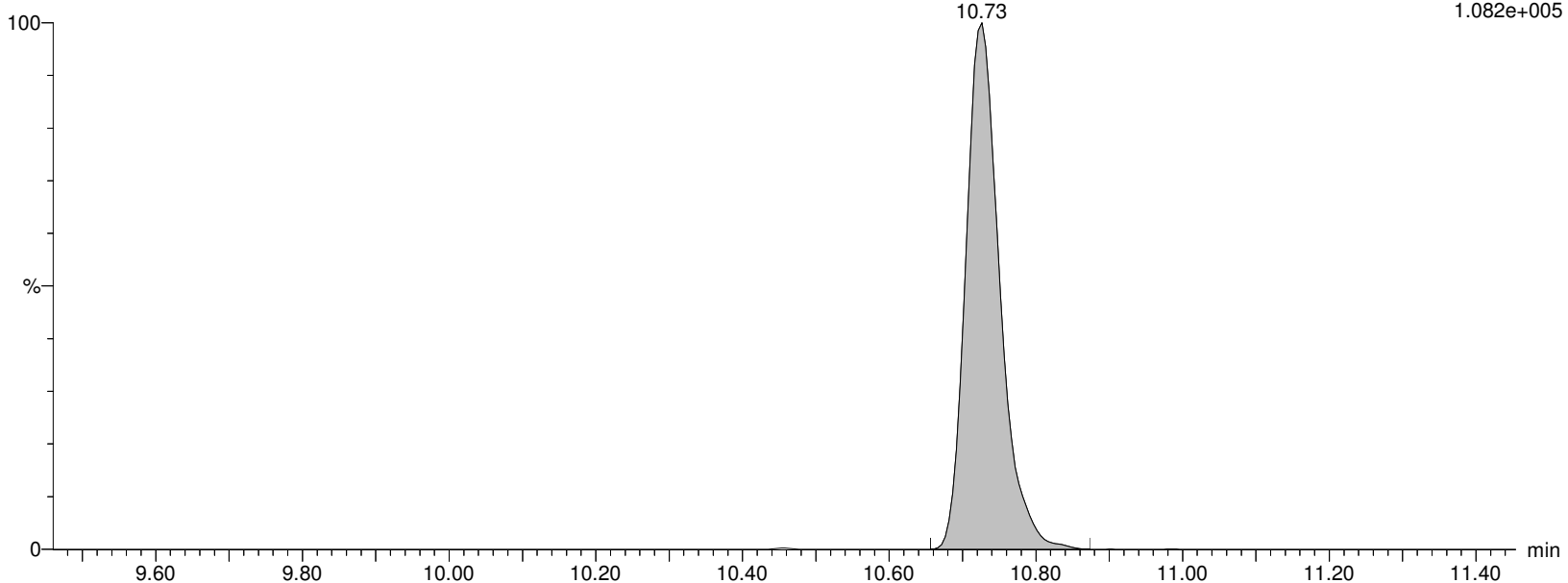
I3786 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F33:MRM of 2 channels,ES-

513.053 > 219.08

1.082e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFDA

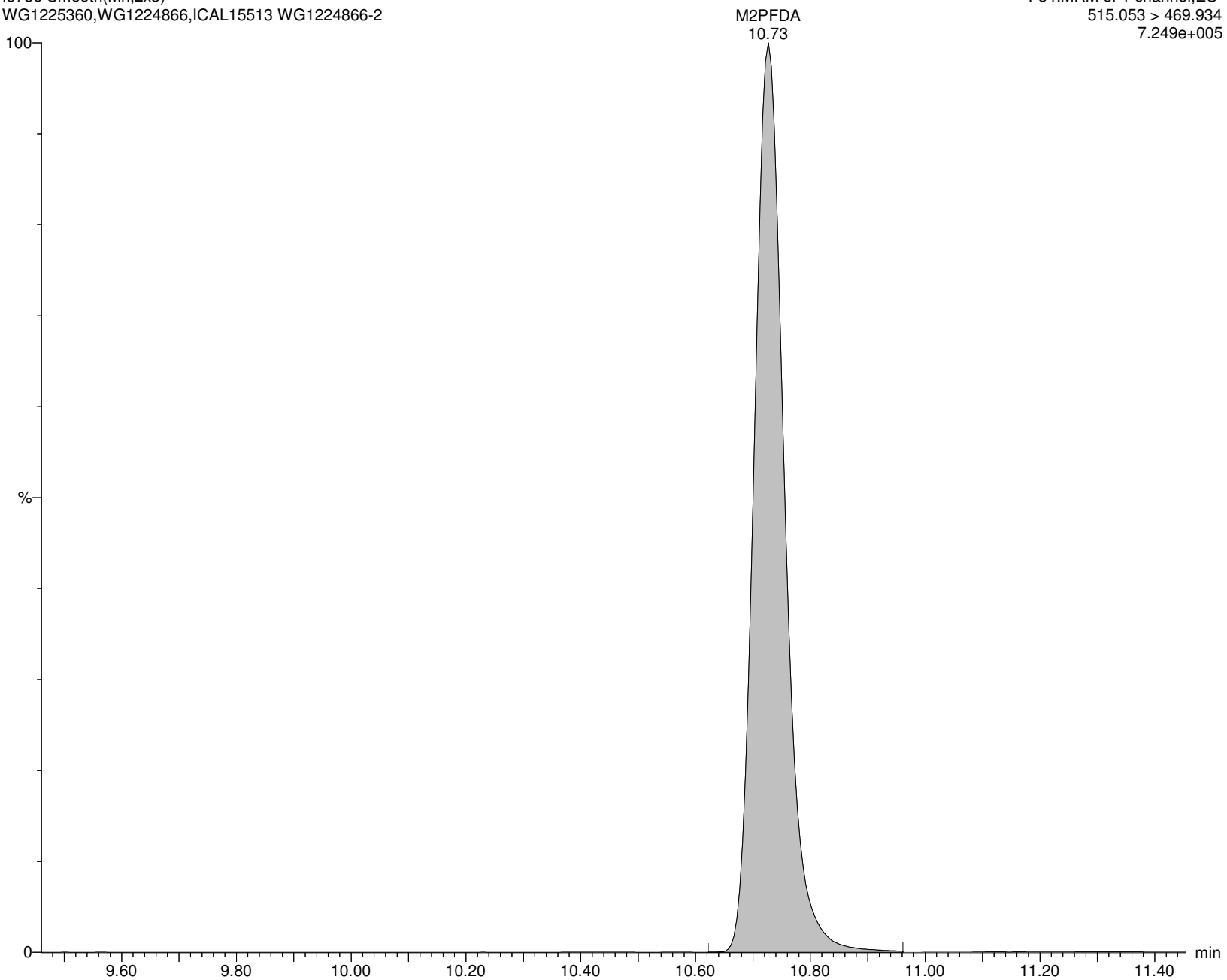
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F34:MRM of 1 channel,ES-

515.053 > 469.934

7.249e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M6PFDA

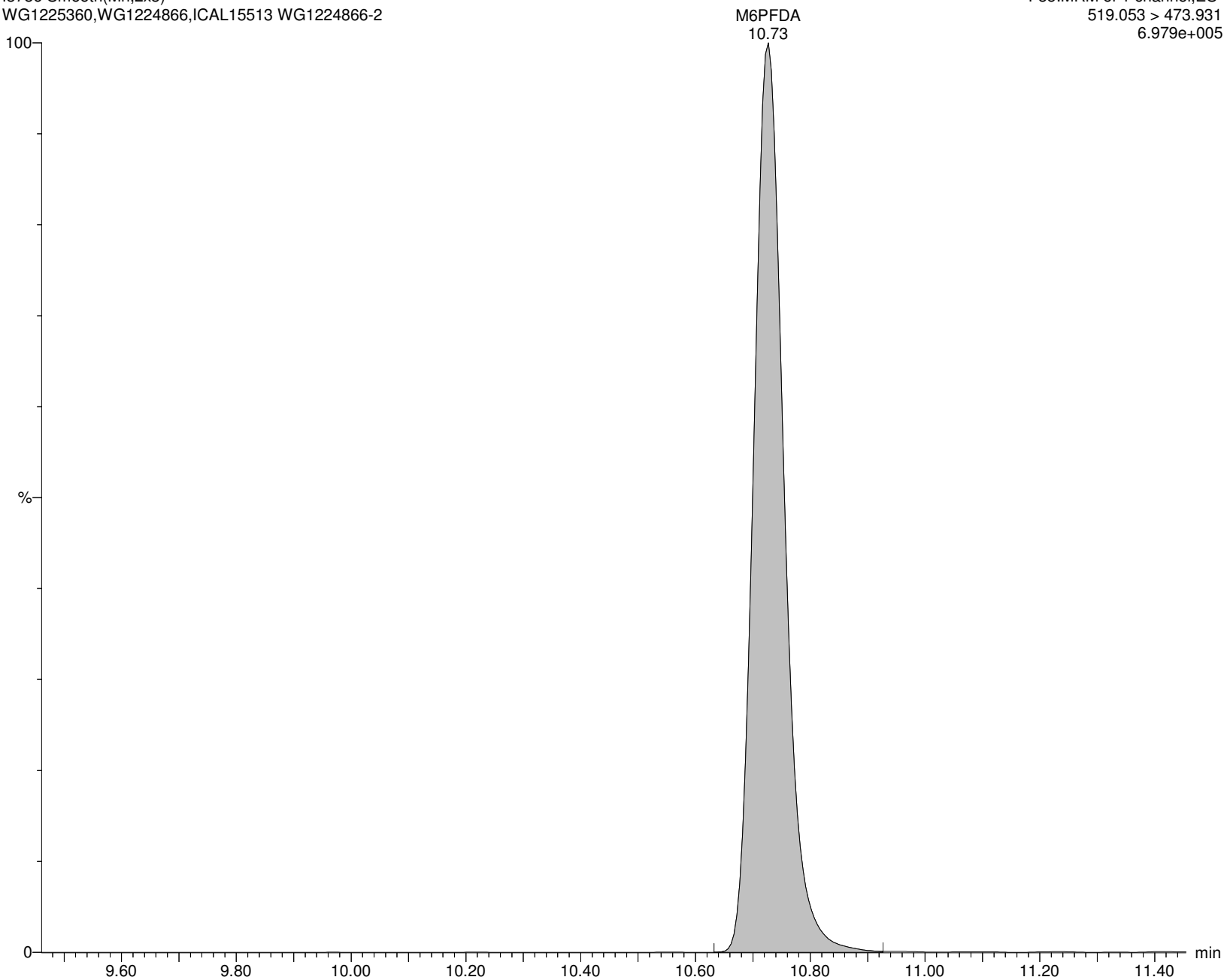
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F35:MRM of 1 channel,ES-

519.053 > 473.931

6.979e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

8:2FTS

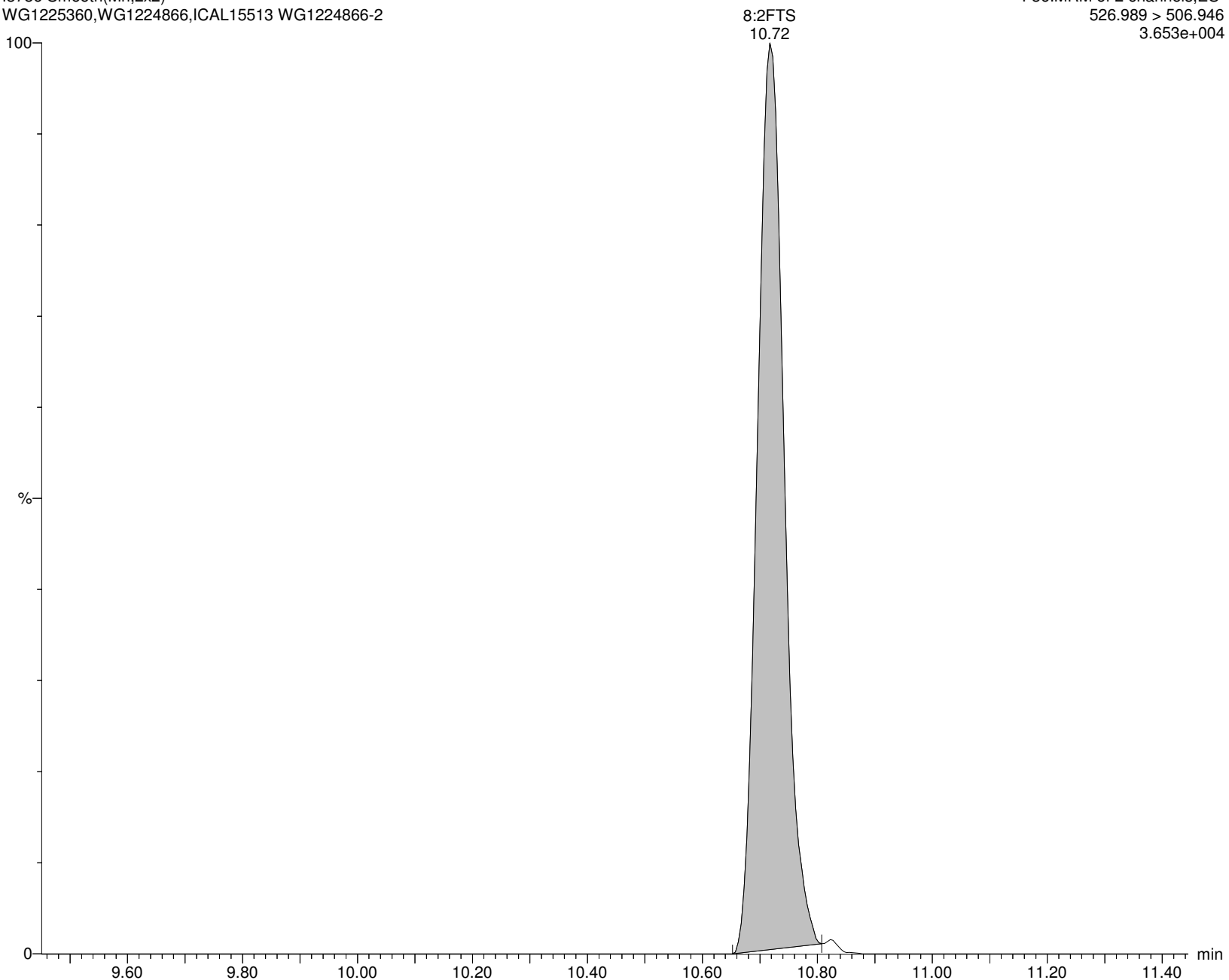
I3786 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F36:MRM of 2 channels,ES-

526.989 > 506.946

3.653e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-8:2FTS

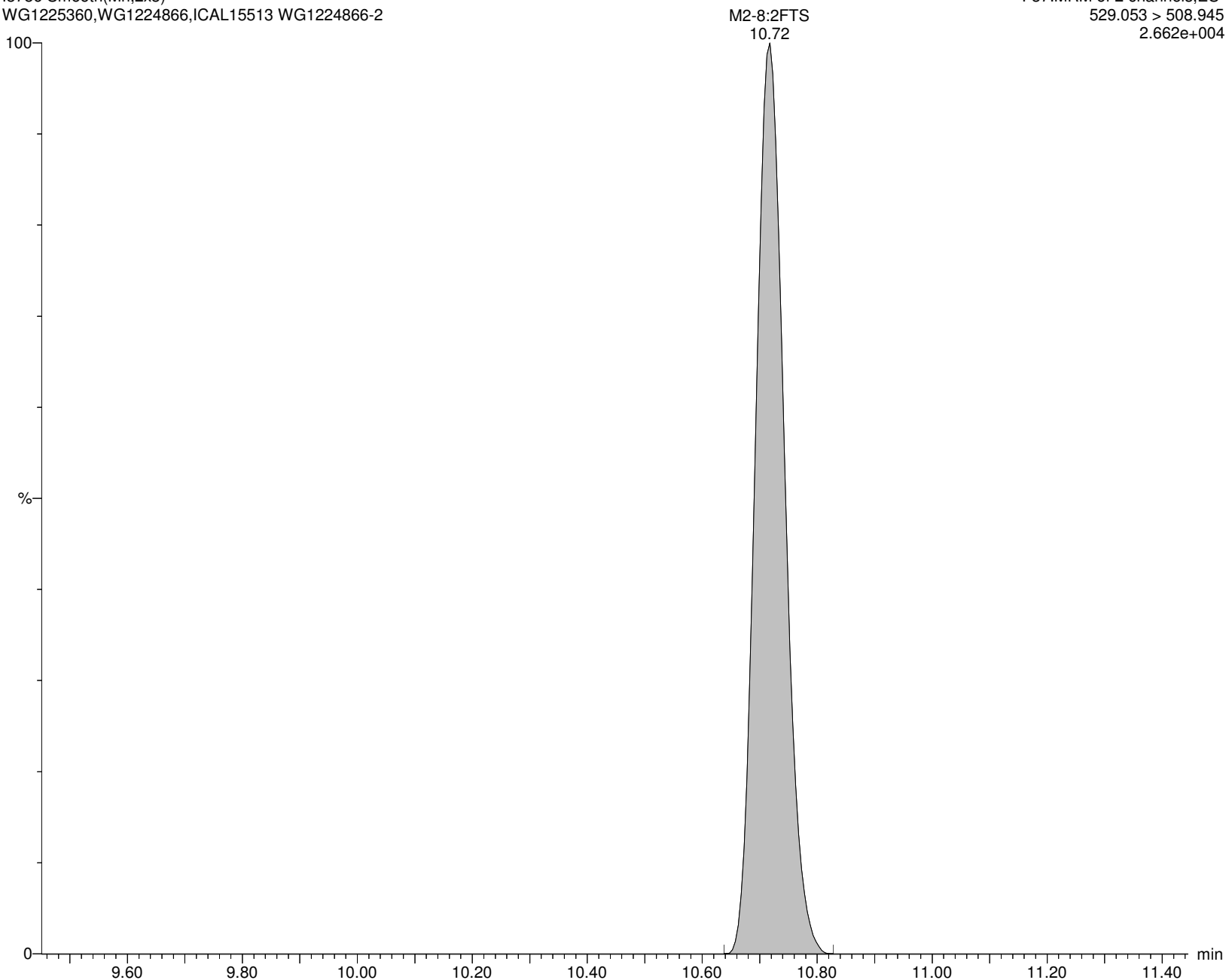
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F37:MRM of 2 channels,ES-

529.053 > 508.945

2.662e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

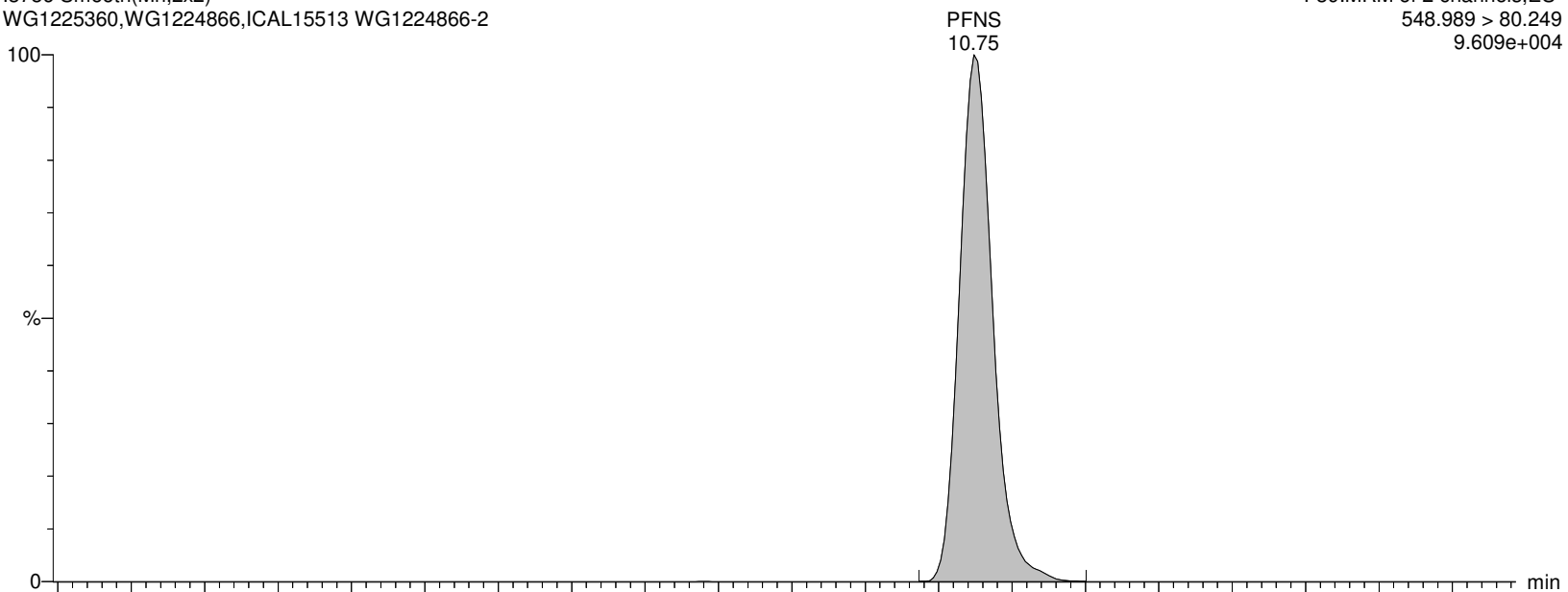
Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNS

I3786 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-2



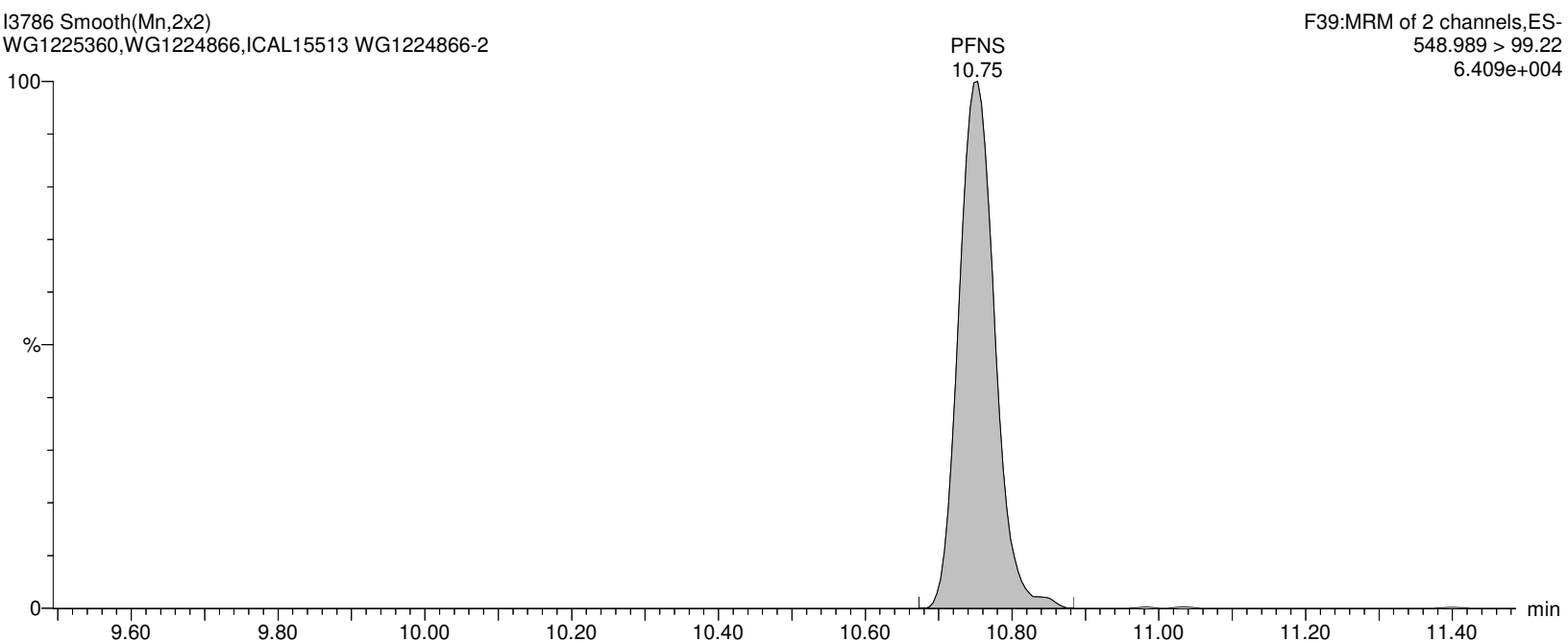
F39:MRM of 2 channels,ES-

548.989 > 80.249

9.609e+004

I3786 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-2



F39:MRM of 2 channels,ES-

548.989 > 99.22

6.409e+004

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d3-NMeFOSAA

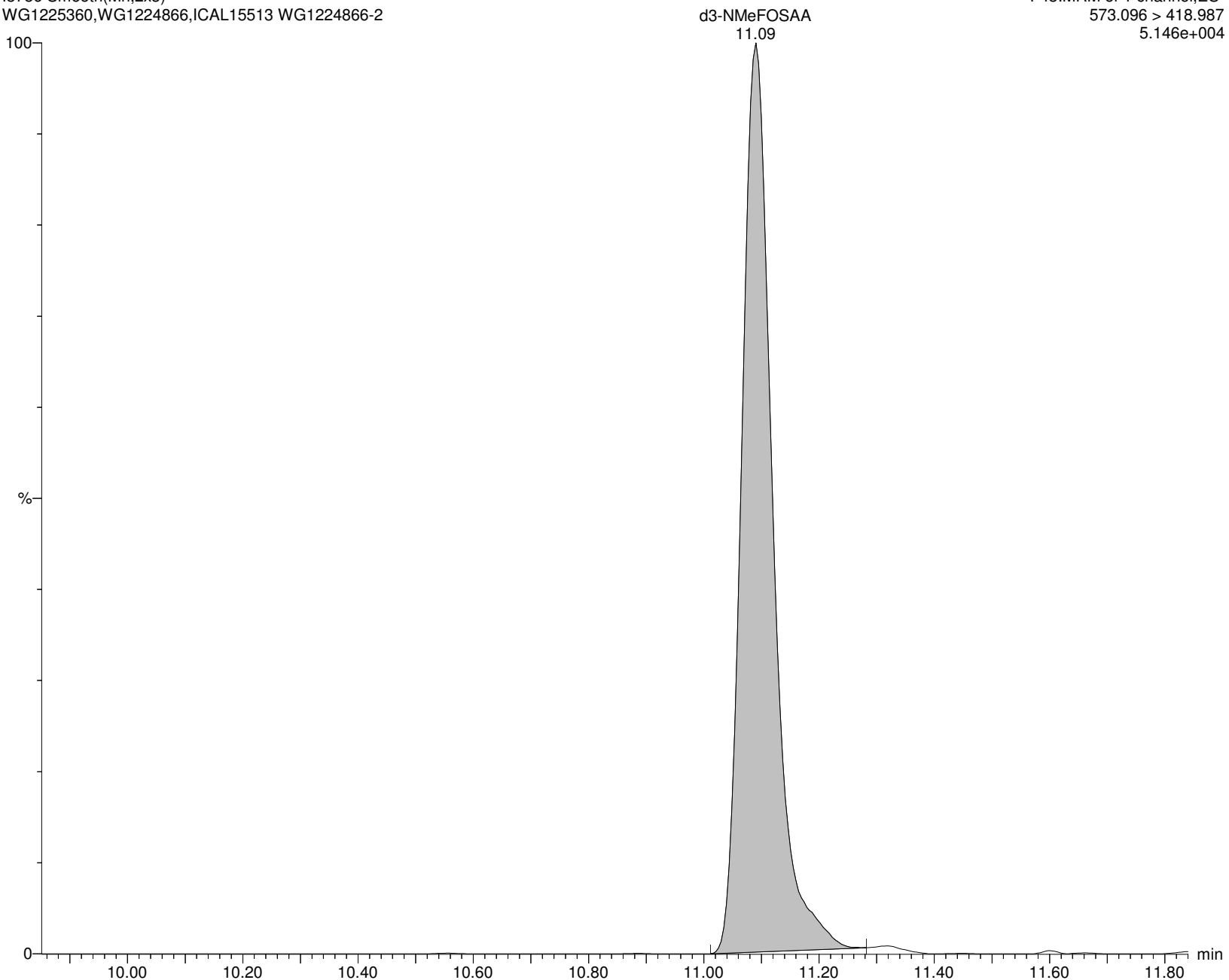
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F43:MRM of 1 channel,ES-

573.096 > 418.987

5.146e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NMeFOSAA

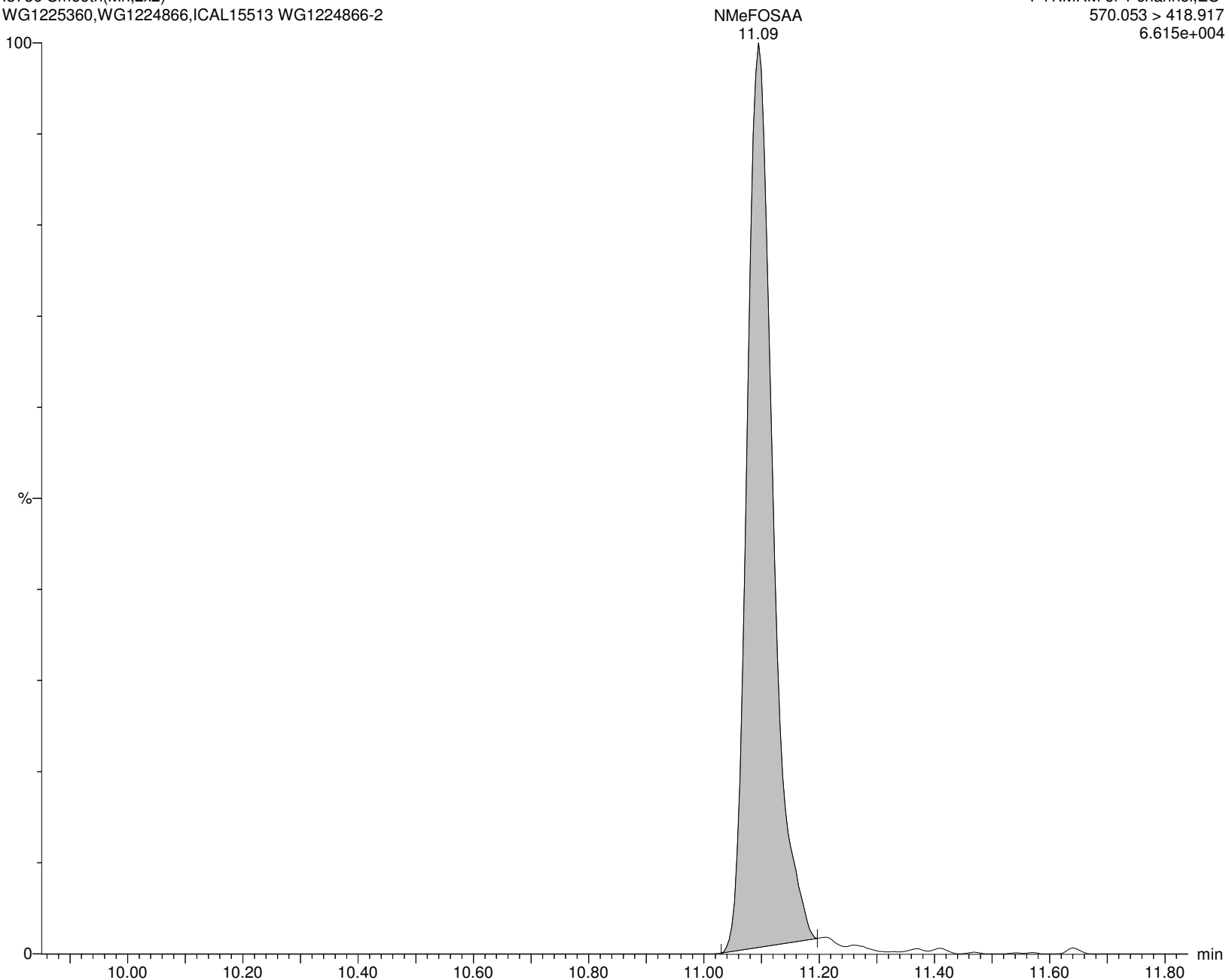
I3786 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F41:MRM of 1 channel,ES-

570.053 > 418.917

6.615e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFUnA

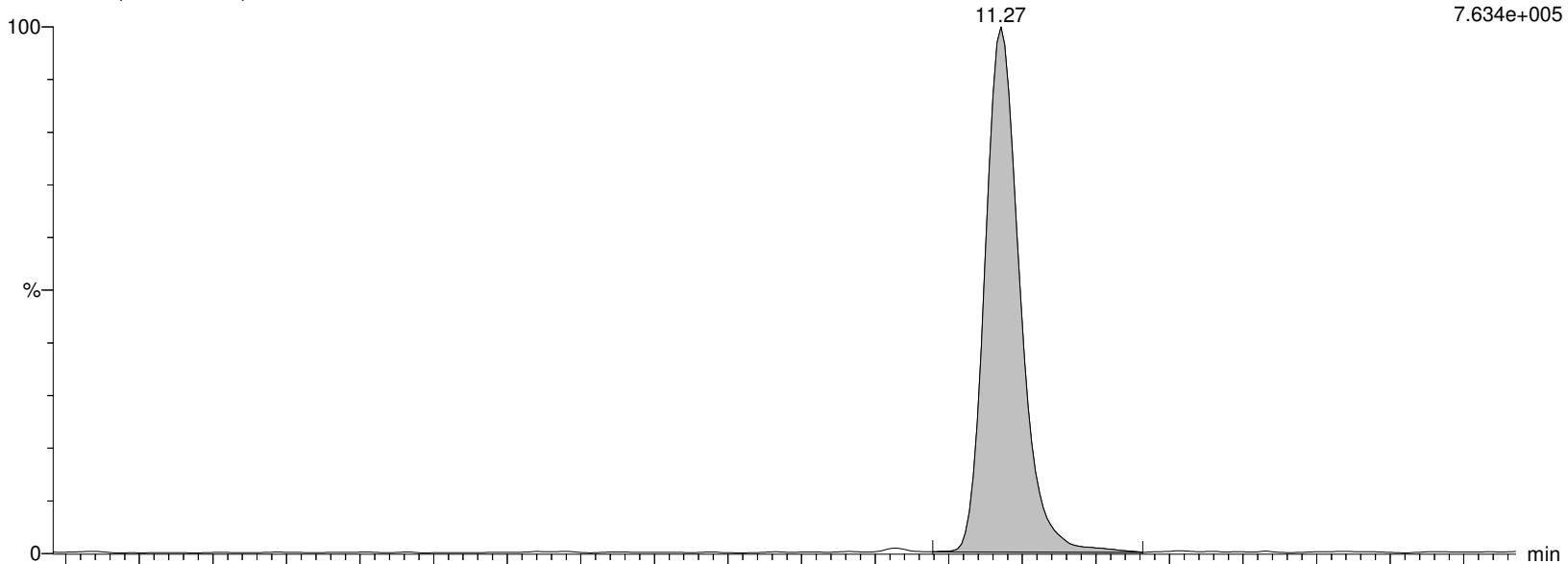
I3786 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F40:MRM of 2 channels,ES-

562.989 > 518.903

7.634e+005



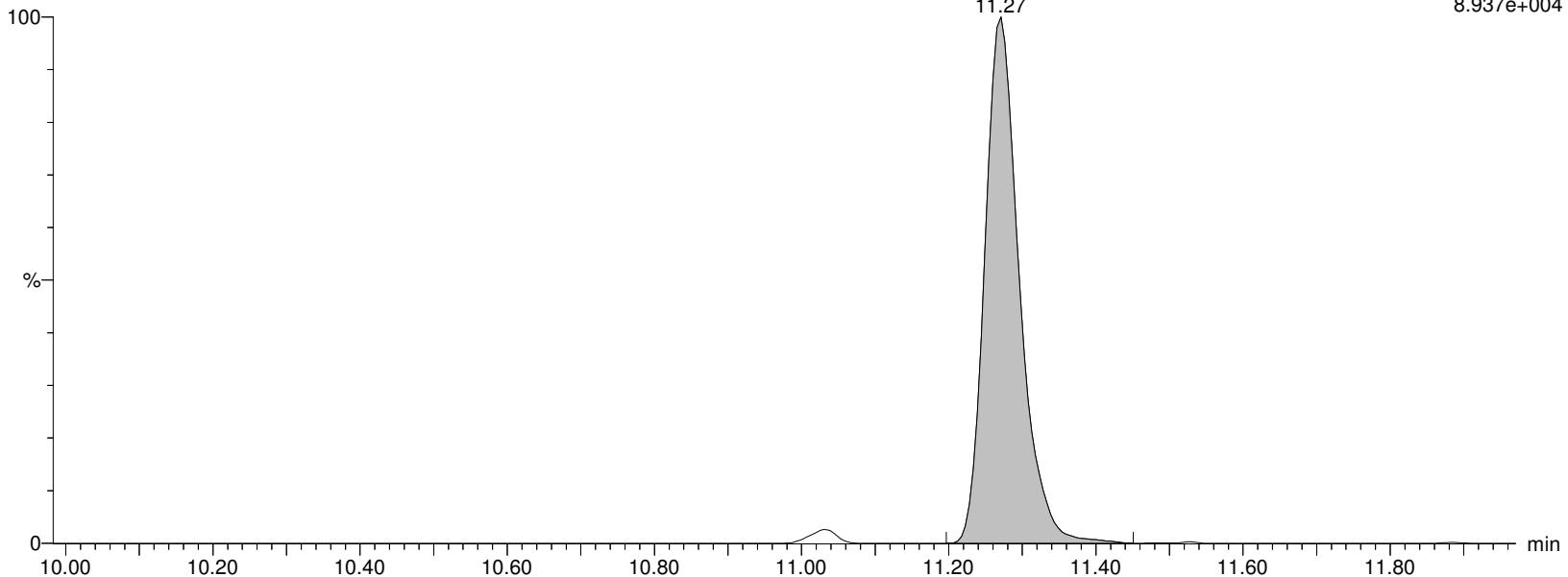
I3786 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F40:MRM of 2 channels,ES-

562.989 > 269.01

8.937e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M7-PFUDA

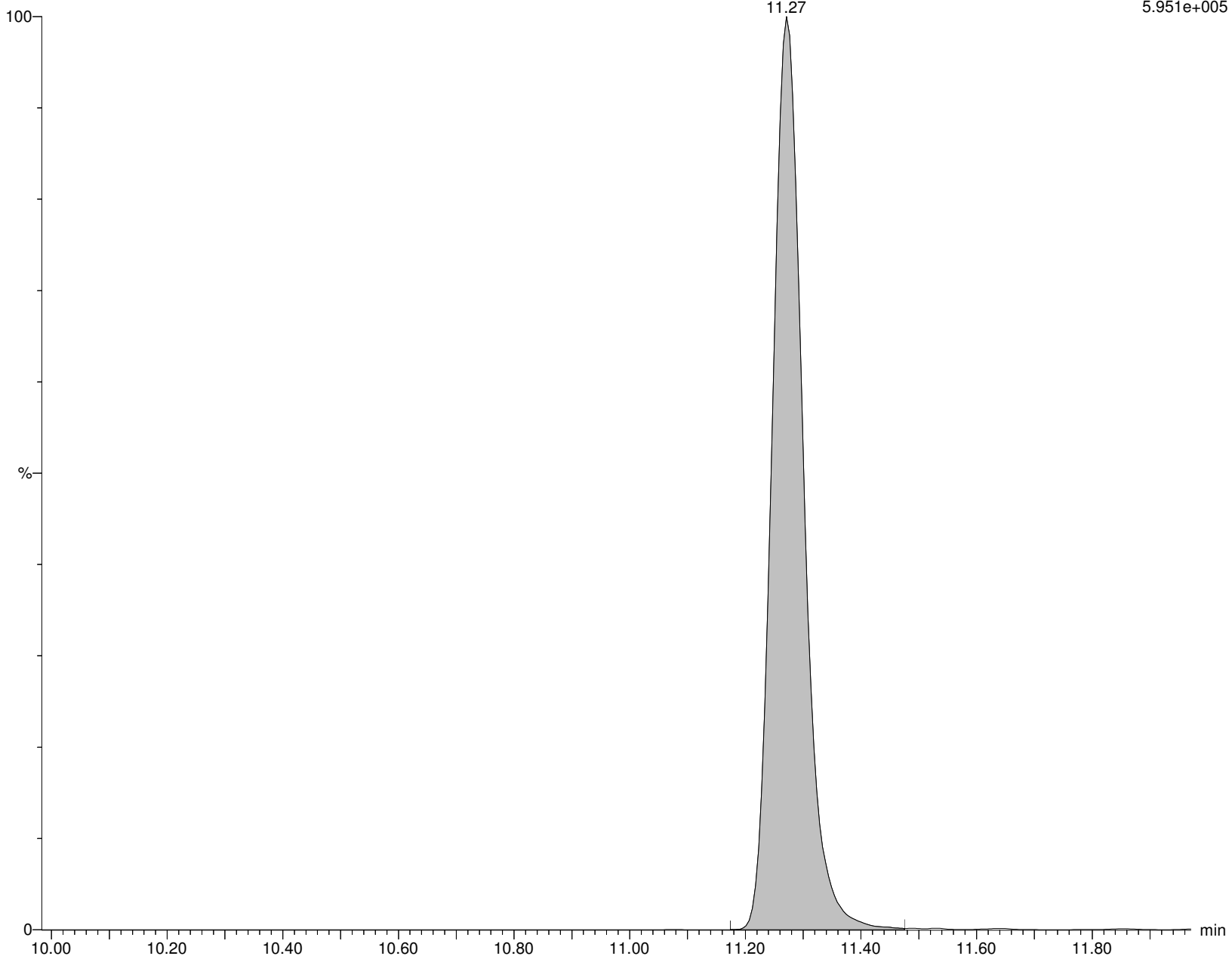
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F42:MRM of 1 channel,ES-

570.053 > 524.923

5.951e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDS

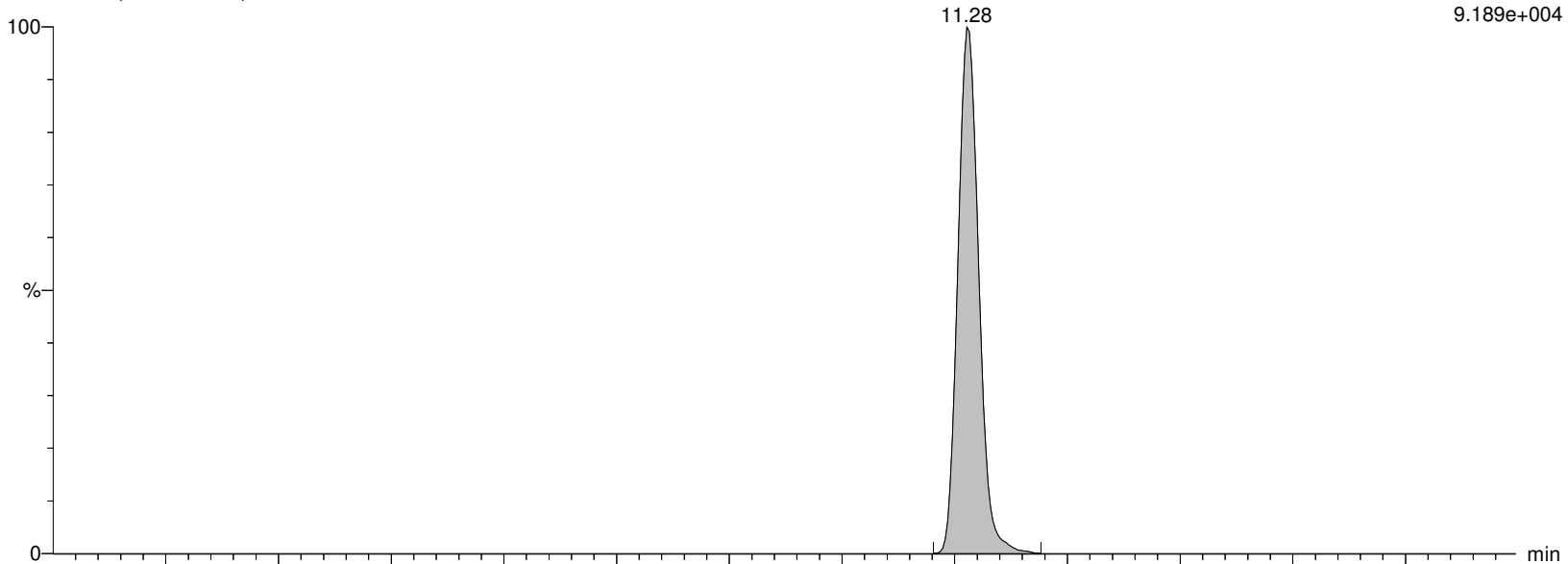
I3786 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F46:MRM of 2 channels,ES-

598.926 > 80.314

9.189e+004



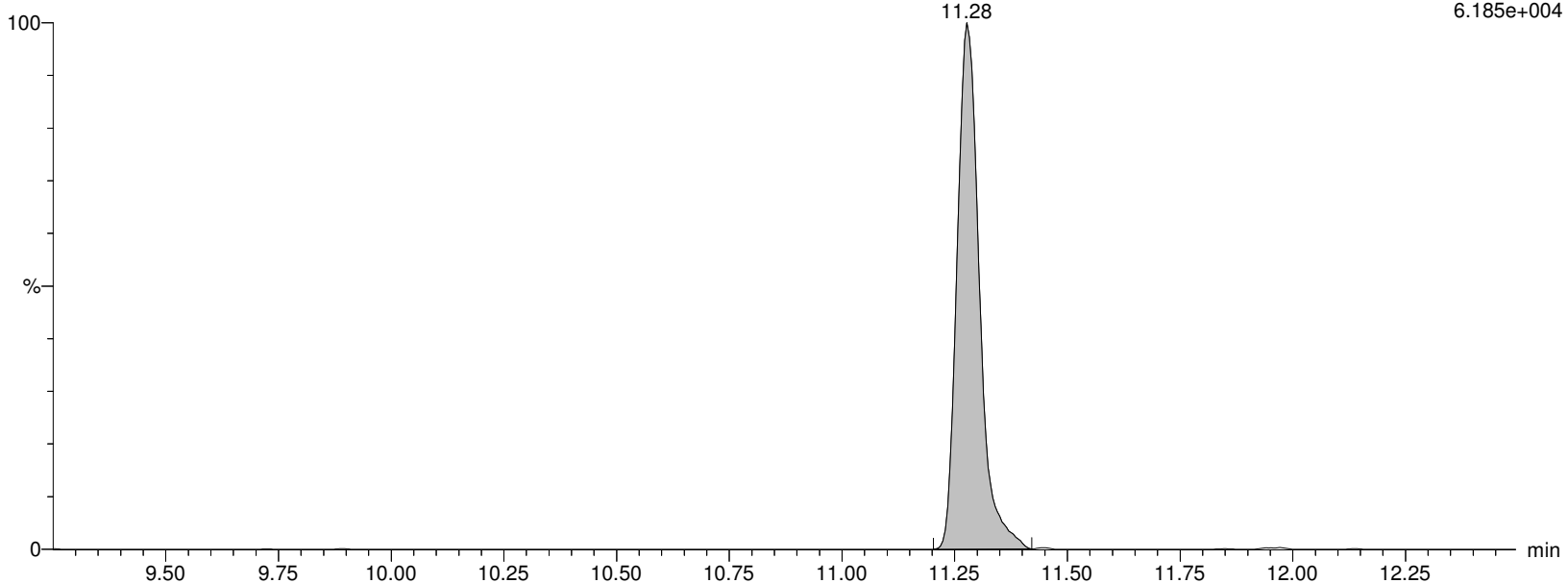
I3786 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F46:MRM of 2 channels,ES-

598.926 > 99.22

6.185e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

FOSA

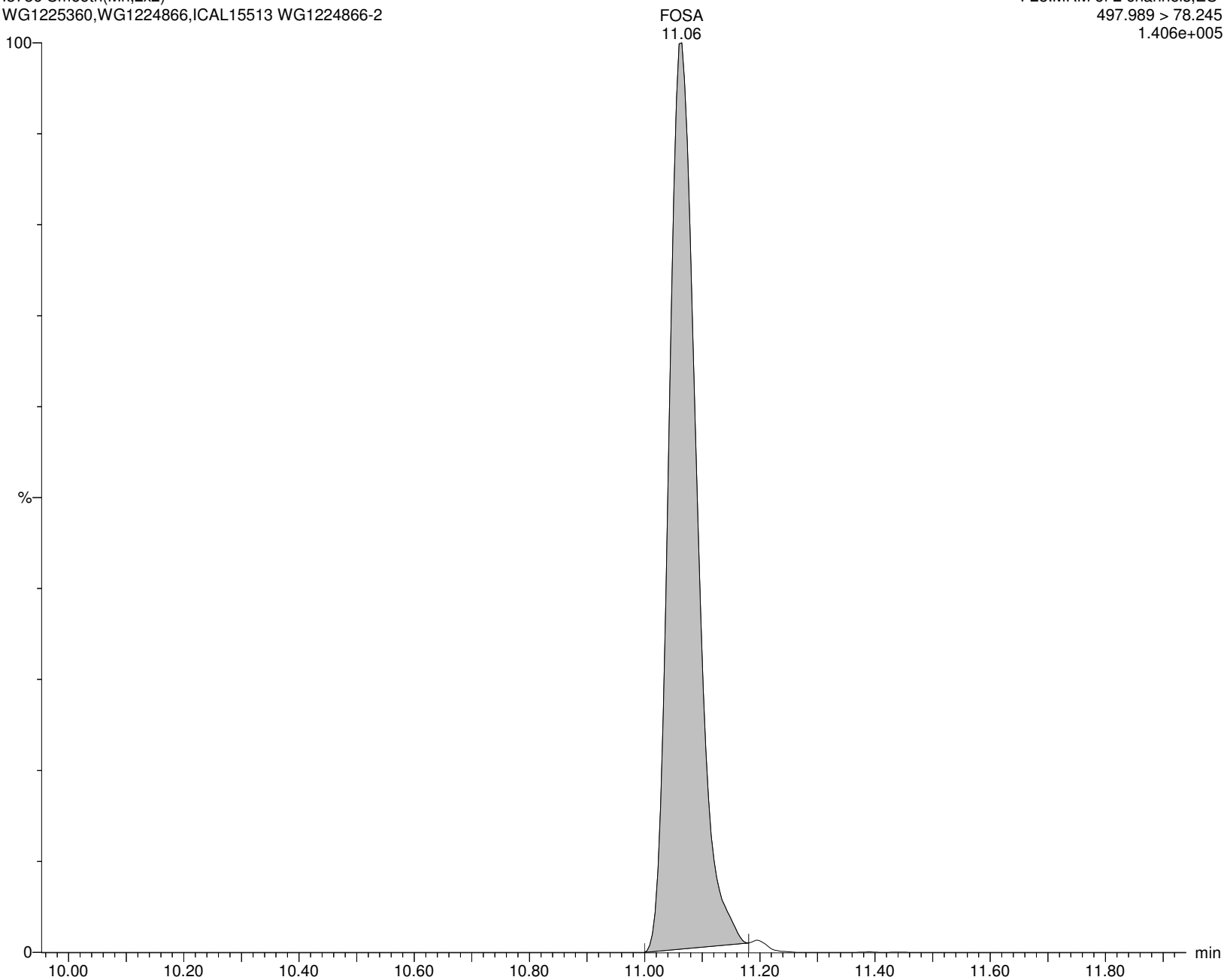
I3786 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F28:MRM of 2 channels,ES-

497.989 > 78.245

1.406e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8FOSA

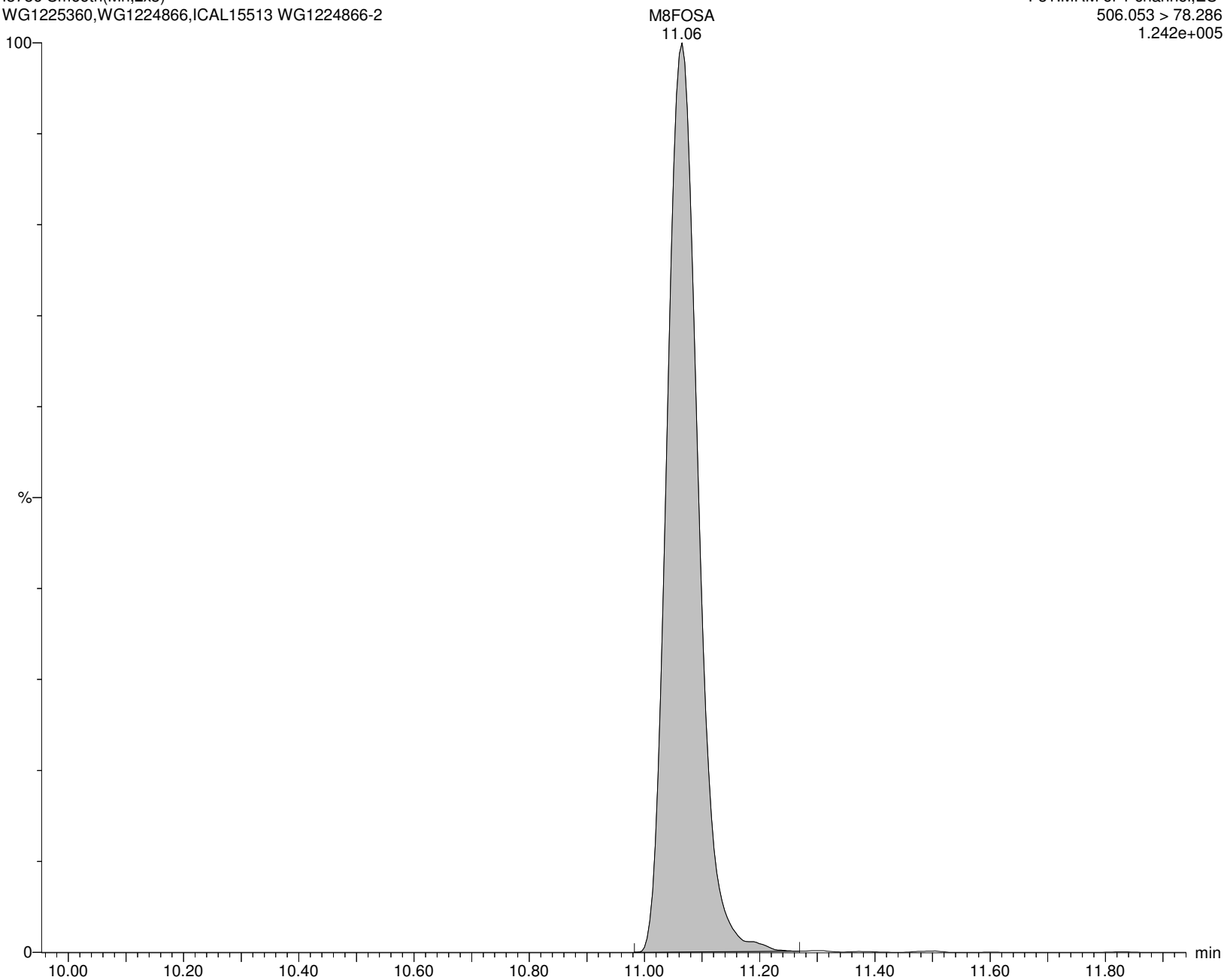
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F31:MRM of 1 channel,ES-

506.053 > 78.286

1.242e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d5-NEtFOSAA

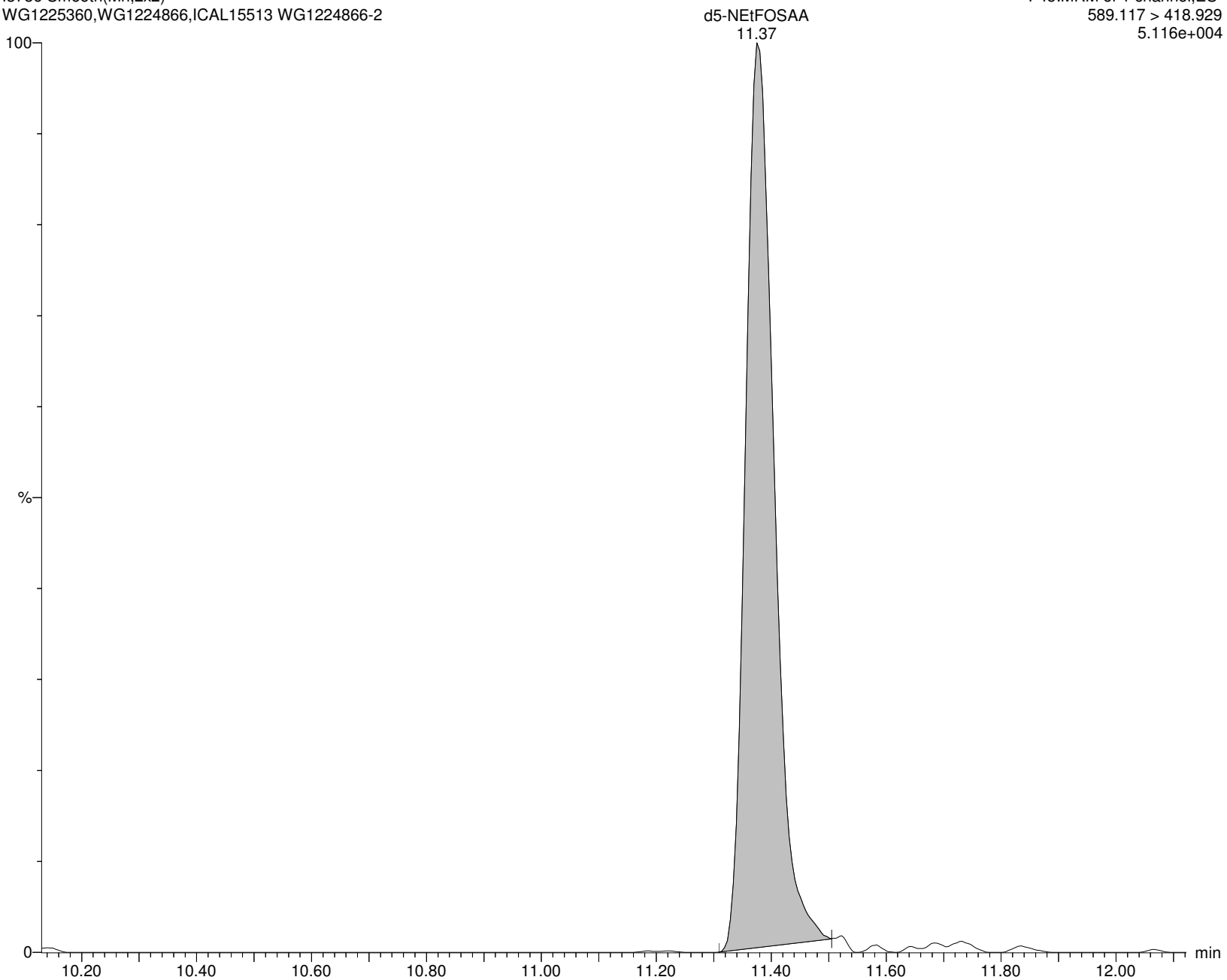
I3786 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F45:MRM of 1 channel,ES-

589.117 > 418.929

5.116e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NEtFOSAA

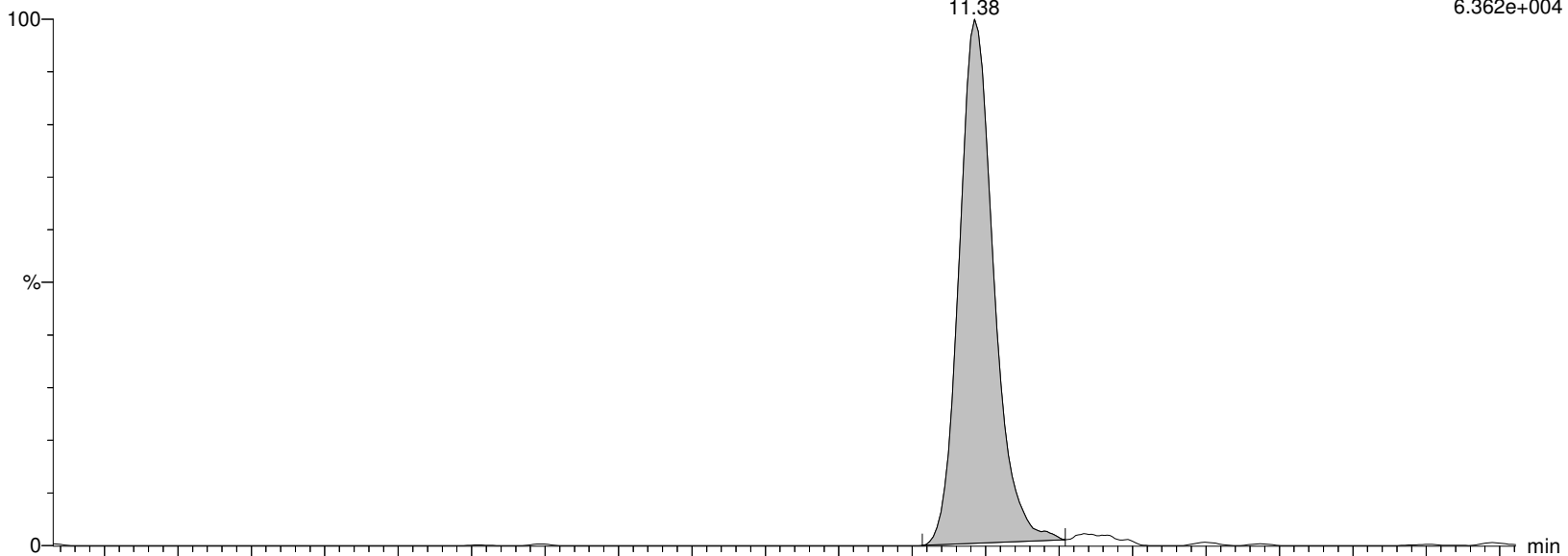
I3786 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F44:MRM of 2 channels,ES-

583.989 > 418.927

6.362e+004



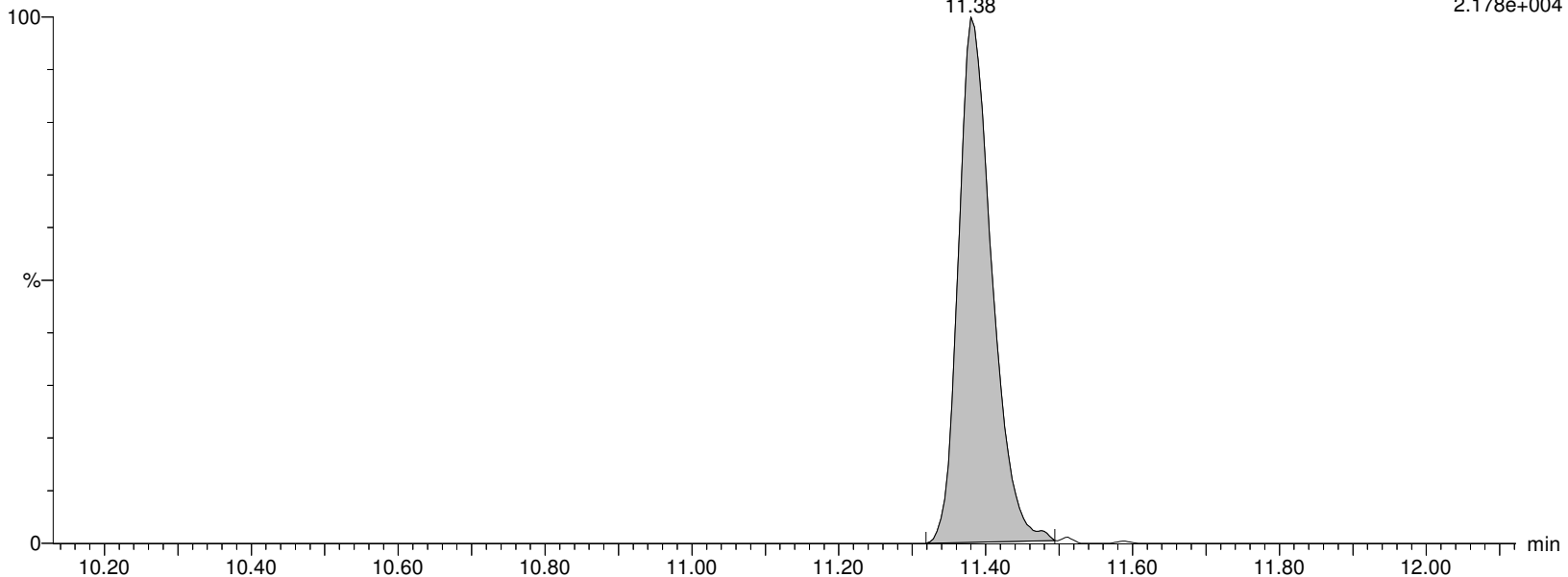
I3786 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F44:MRM of 2 channels,ES-

583.989 > 482.88

2.178e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDoA

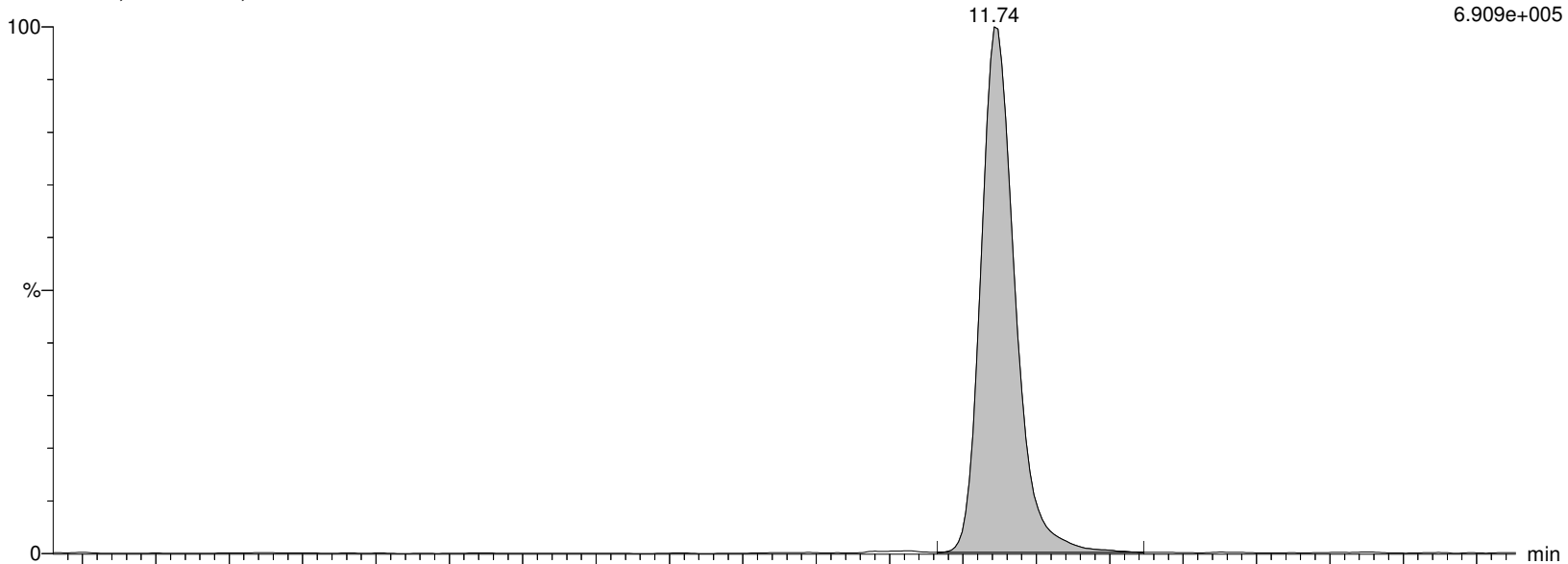
I3786 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F47:MRM of 2 channels,ES-

612.989 > 568.967

6.909e+005



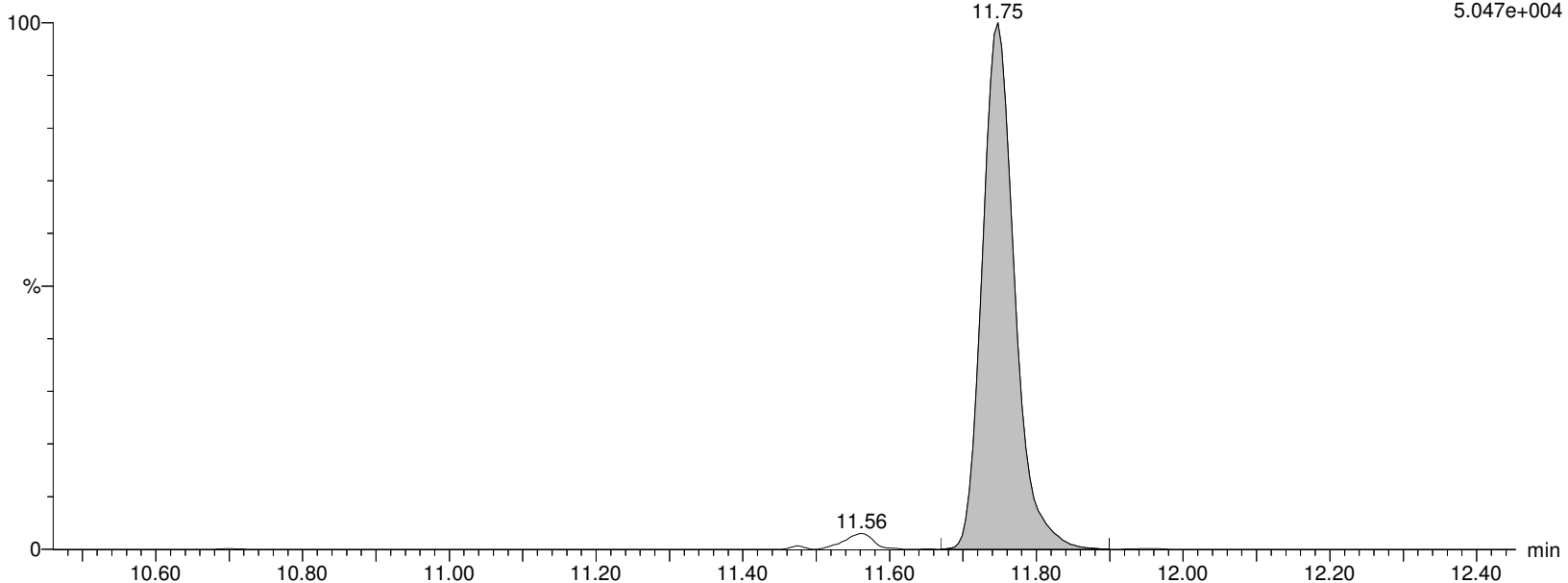
I3786 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F47:MRM of 2 channels,ES-

612.989 > 219.08

5.047e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786**ID: WG1224866-2****Date: 11-Apr-2019****Time: 13:30:42****Description: WG1225360,WG1224866,ICAL15513****User: LCMS02:JW****Vial: 1:B,5****Instrument: XEVO-TQSmicro#QEB0050****Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B****Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR****MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP****MPFDOA**

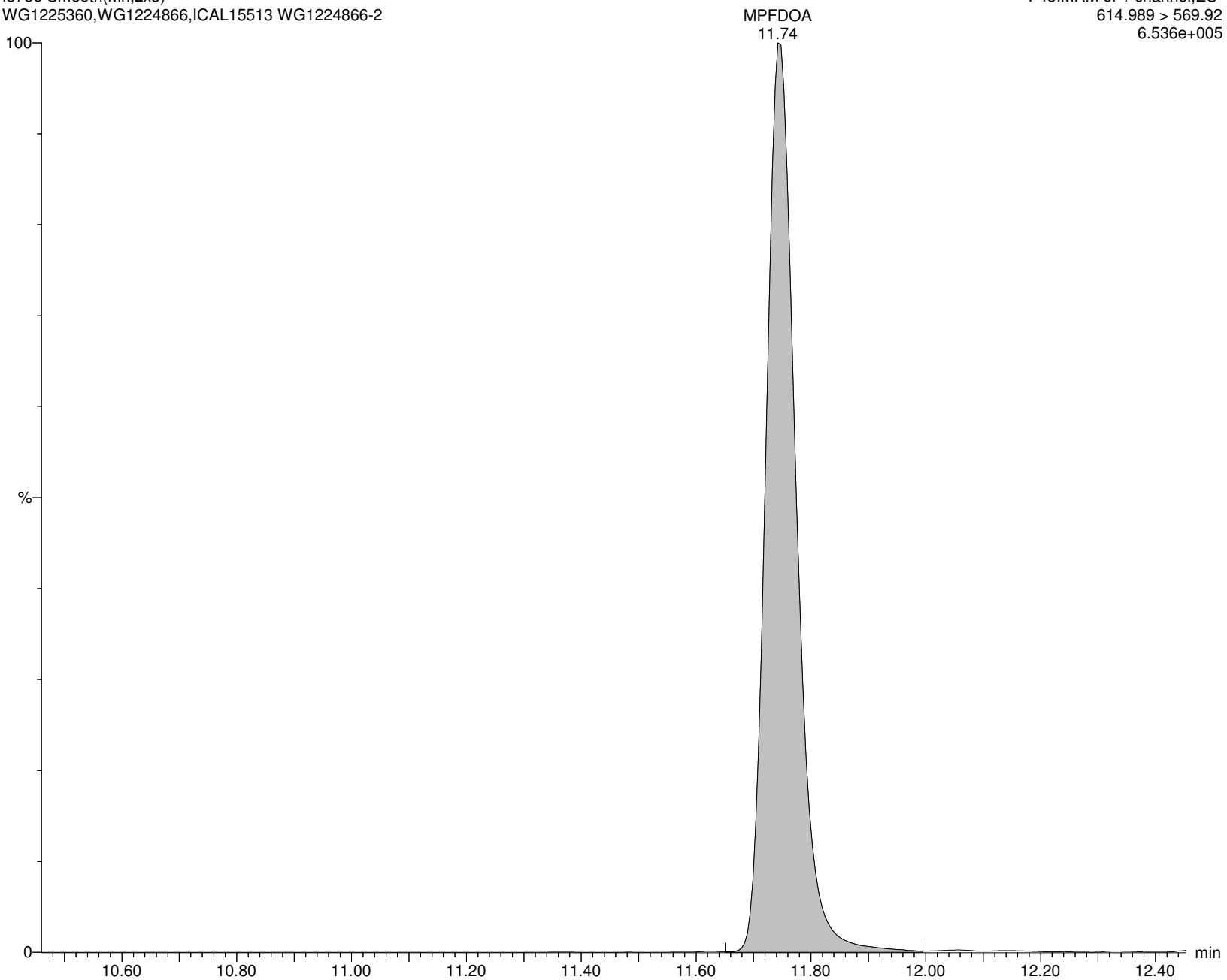
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F48:MRM of 1 channel,ES-

614.989 > 569.92

6.536e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTTrDA

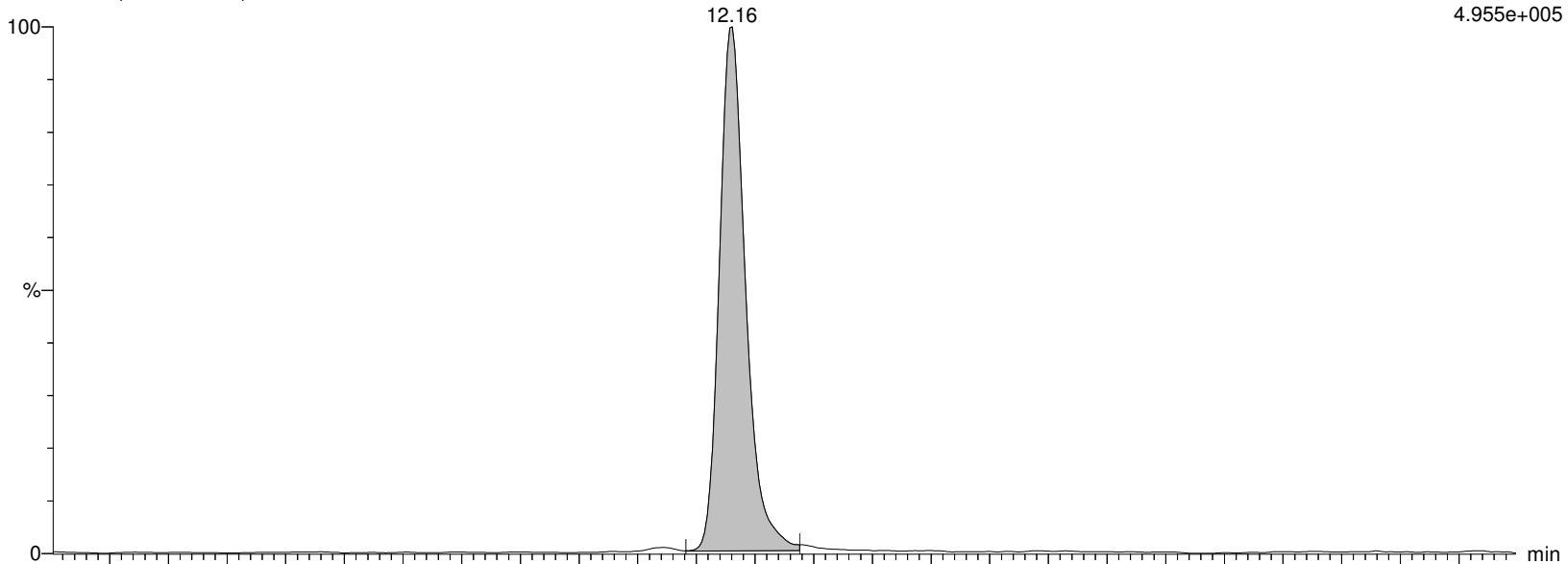
I3786 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-2

F51:MRM of 2 channels, ES-

663.053 > 618.969

4.955e+005



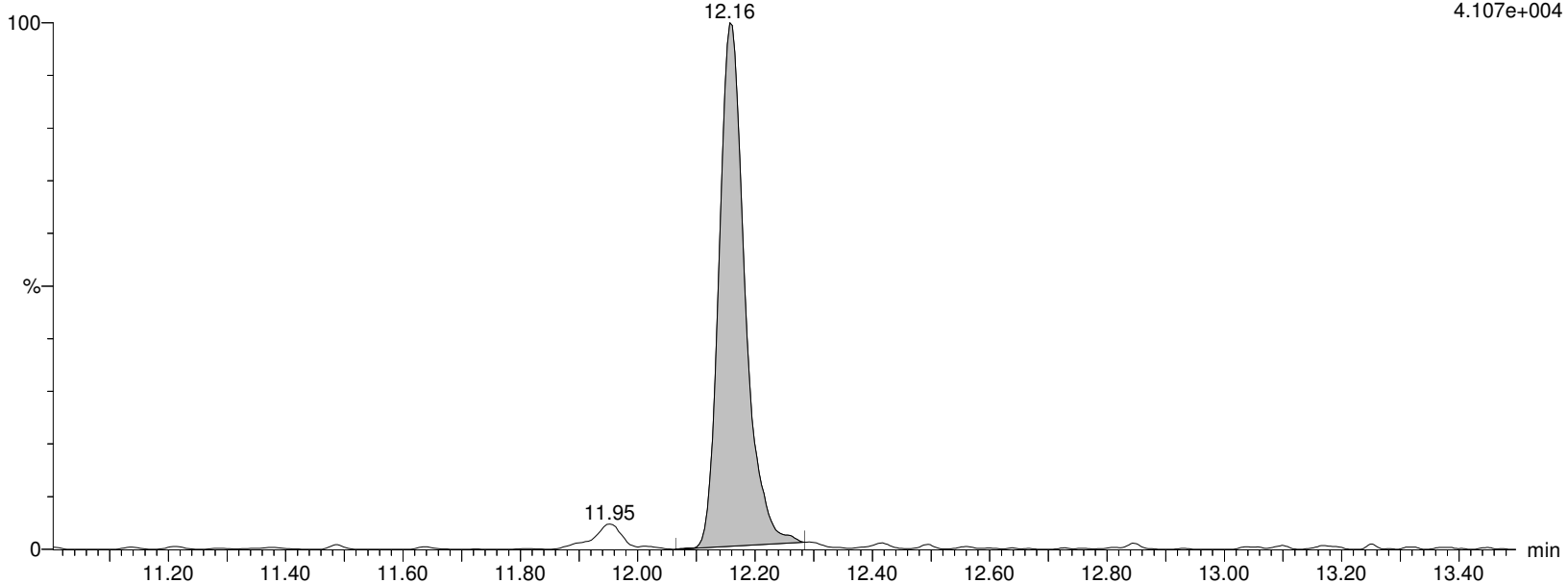
I3786 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-2

F51:MRM of 2 channels, ES-

663.053 > 319.02

4.107e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTA

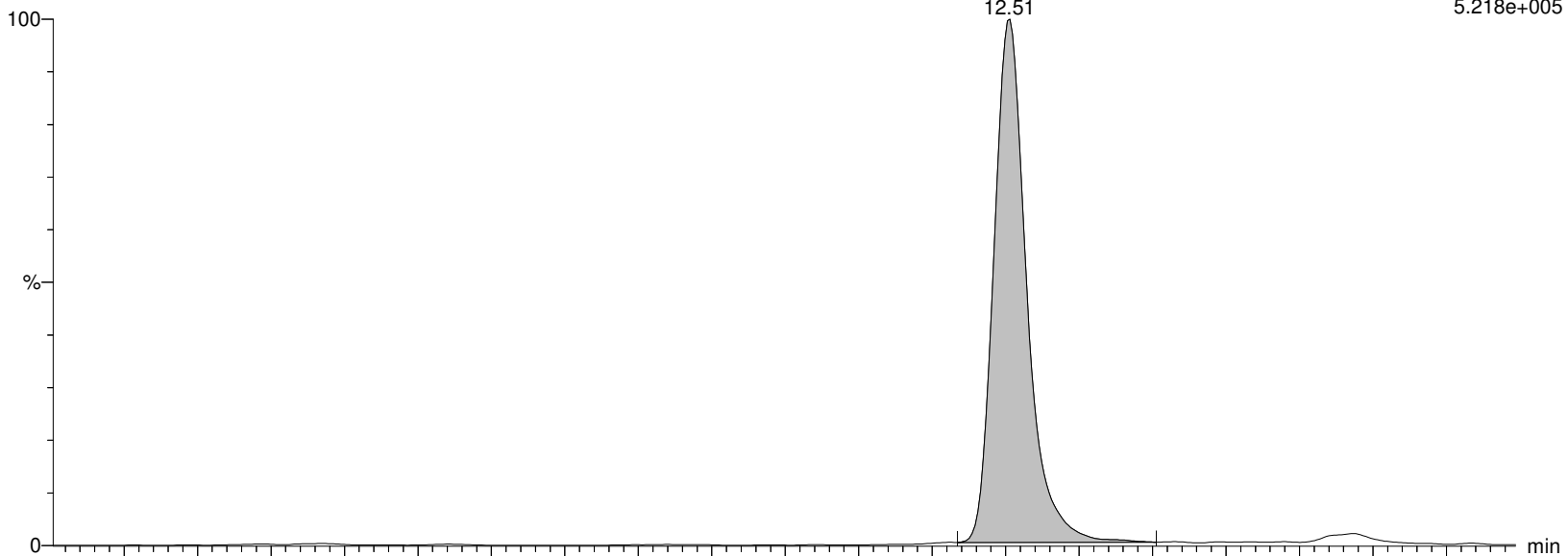
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F52:MRM of 2 channels,ES-

713.053 > 668.976

5.218e+005



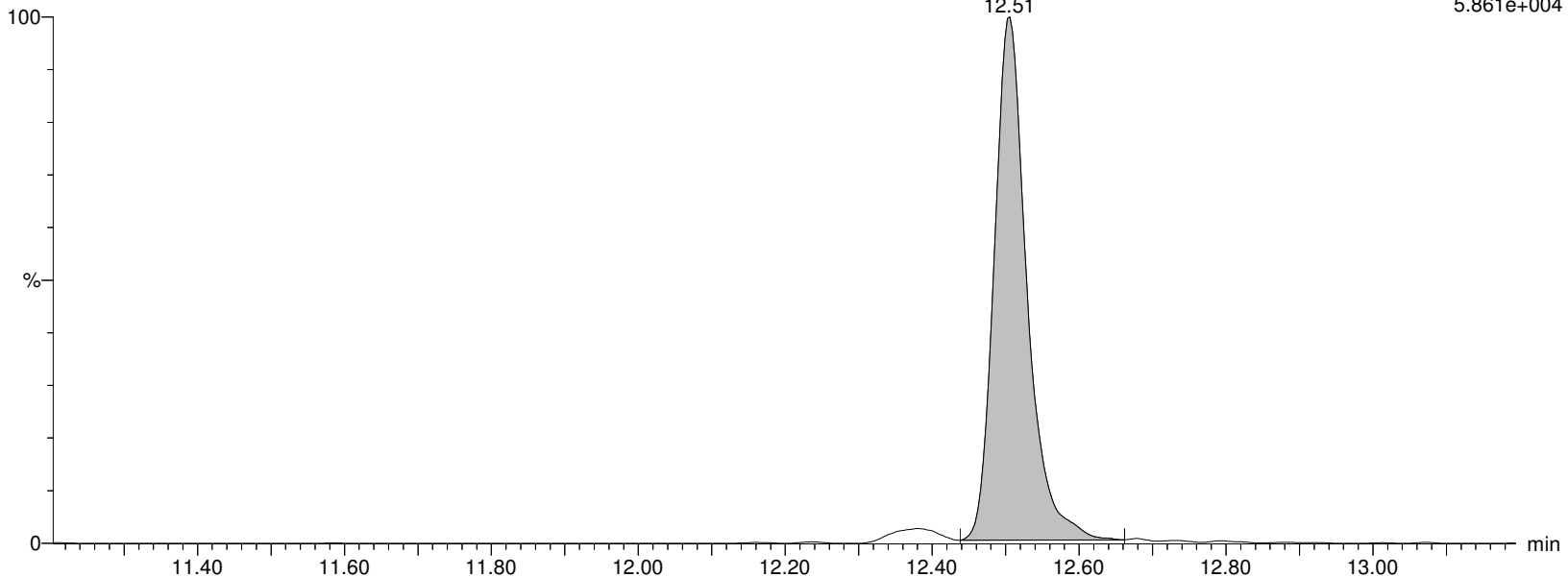
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F52:MRM of 2 channels,ES-

713.053 > 219.09

5.861e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFTEDA

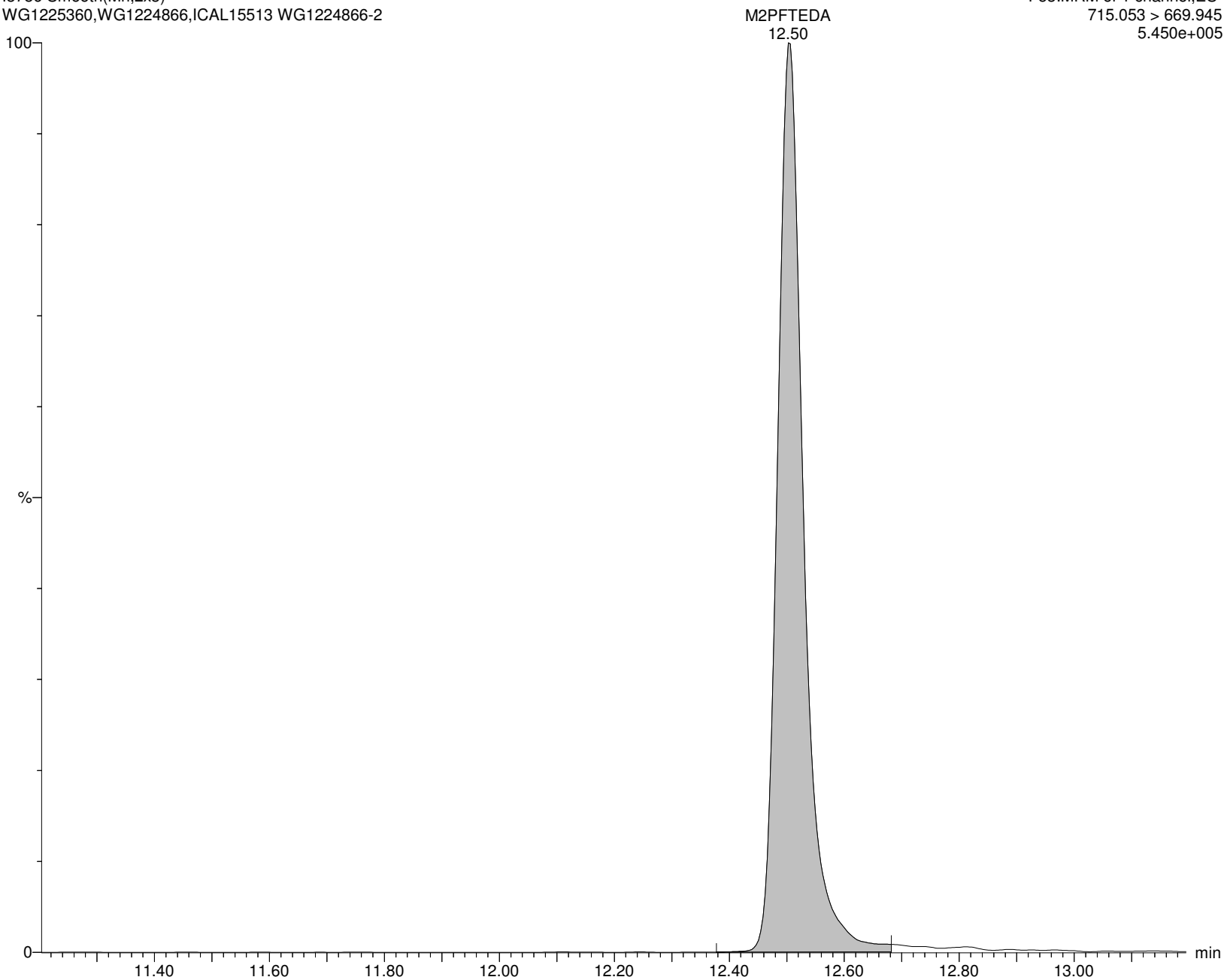
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F53:MRM of 1 channel,ES-

715.053 > 669.945

5.450e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3HFPO-DA

I3786 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F13:MRM of 1 channel,ES-

331.989 > 286.995

1.000e-003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

HFPO-DA

I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F11:MRM of 1 channel,ES-

328.989 > 284.982

1.000e-003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

ADONA

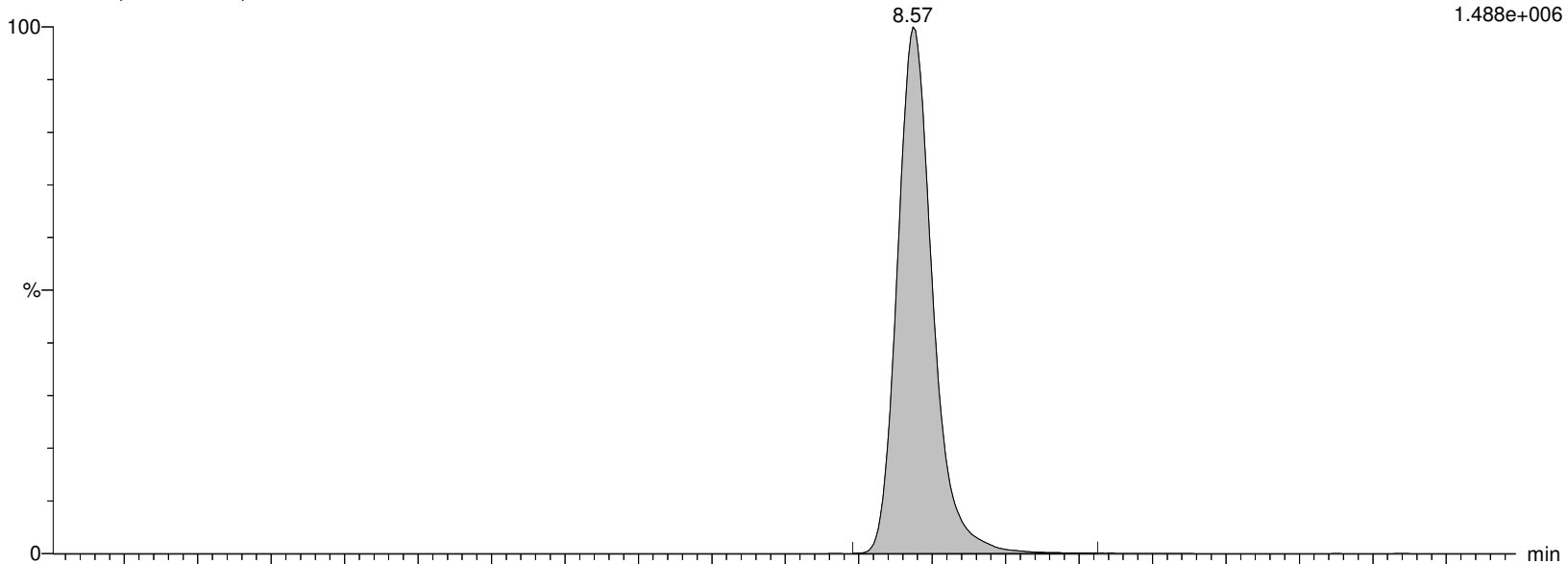
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F17:MRM of 2 channels,ES-

376.926 > 251.005

1.488e+006



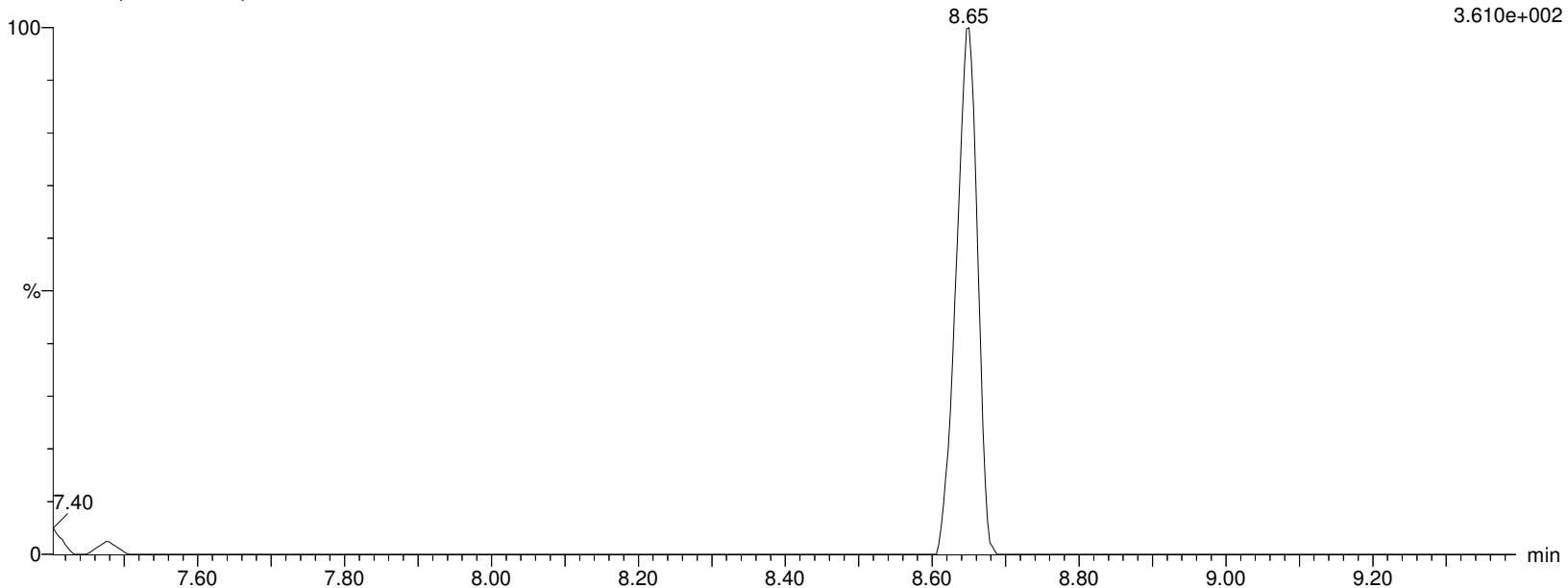
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F17:MRM of 2 channels,ES-

376.926 > 135.12

3.610e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxDA

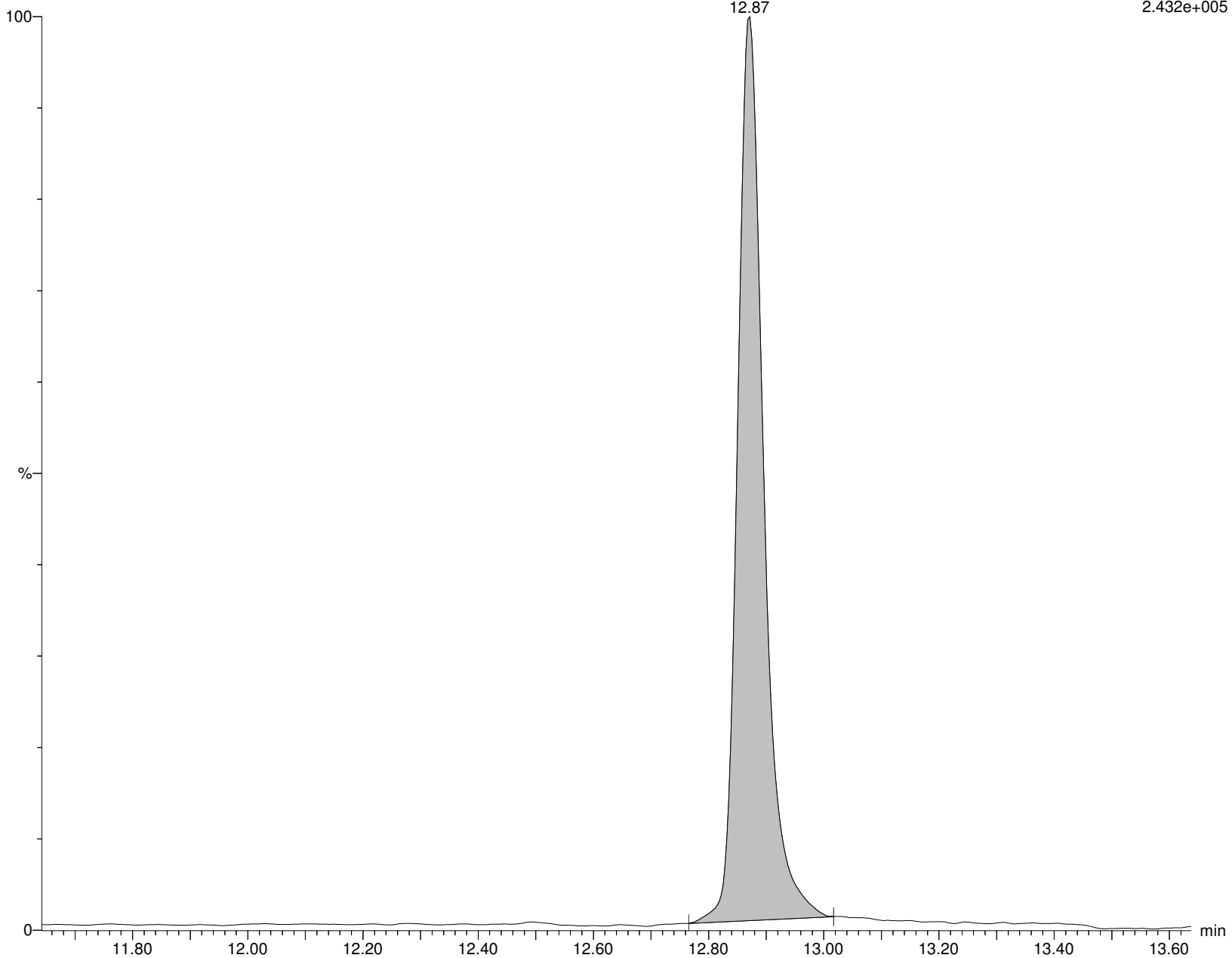
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F54:MRM of 1 channel,ES-

813.053 > 769.005

2.432e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFODA

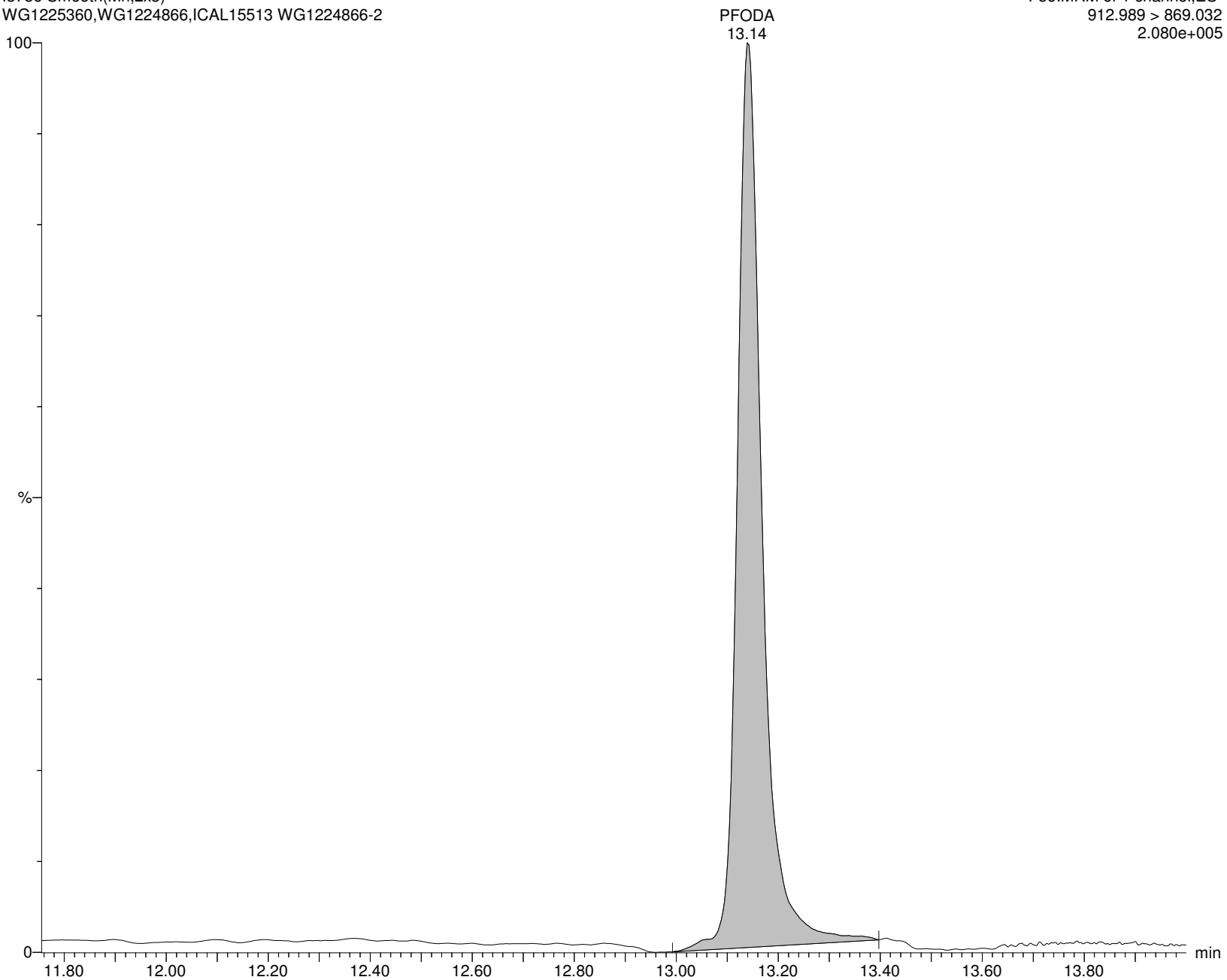
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F56:MRM of 1 channel,ES-

912.989 > 869.032

2.080e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFHxDA

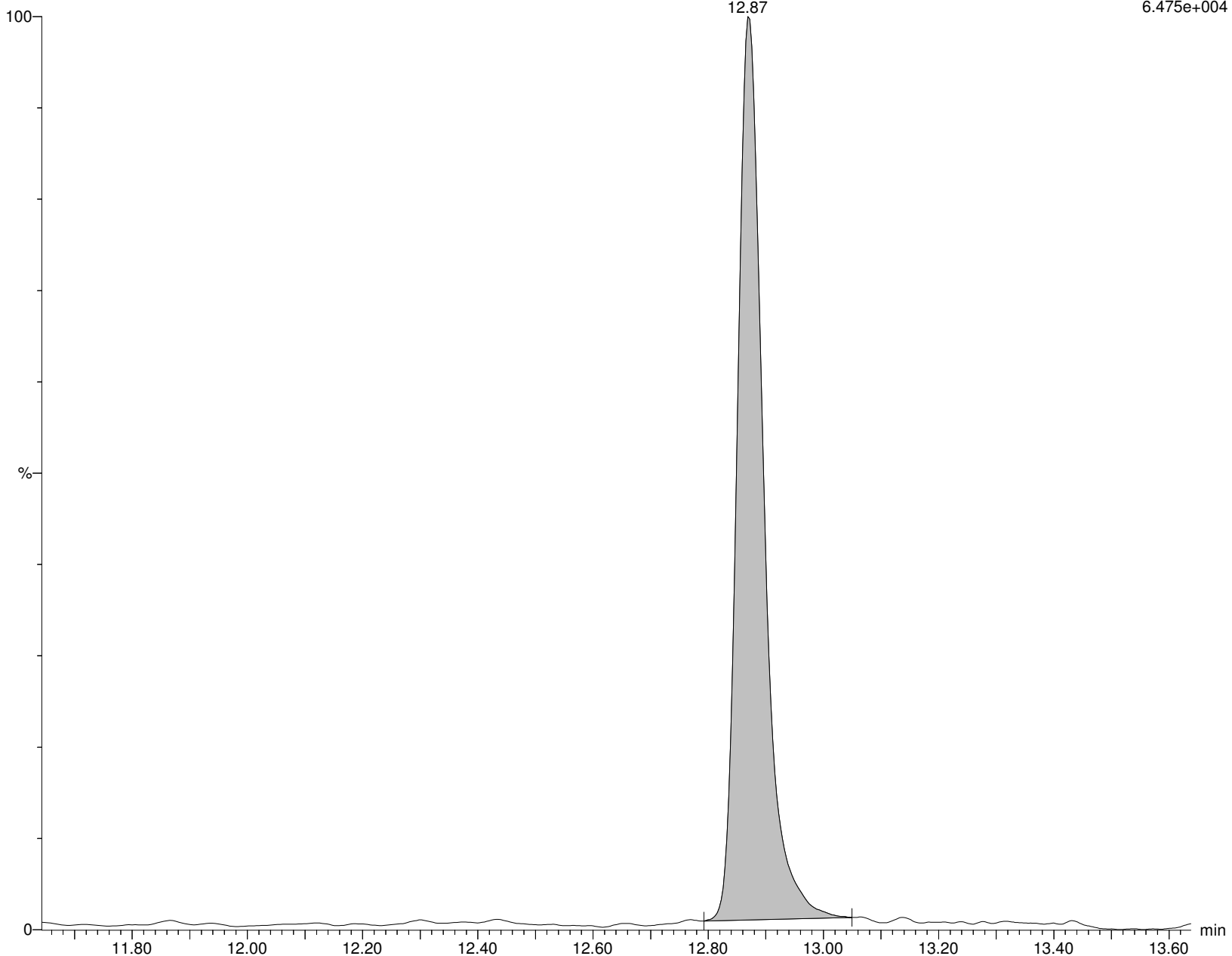
I3786 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F55:MRM of 1 channel,ES-

815.372 > 770.158

6.475e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

10:2FTS

I3786 Smooth(Mn,2x4)

WG1225360, WG1224866, ICAL15513 WG1224866-2

F49:MRM of 1 channel, ES-

626.862 > 606.896

6.195e+001



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

9CL-PF3ONS

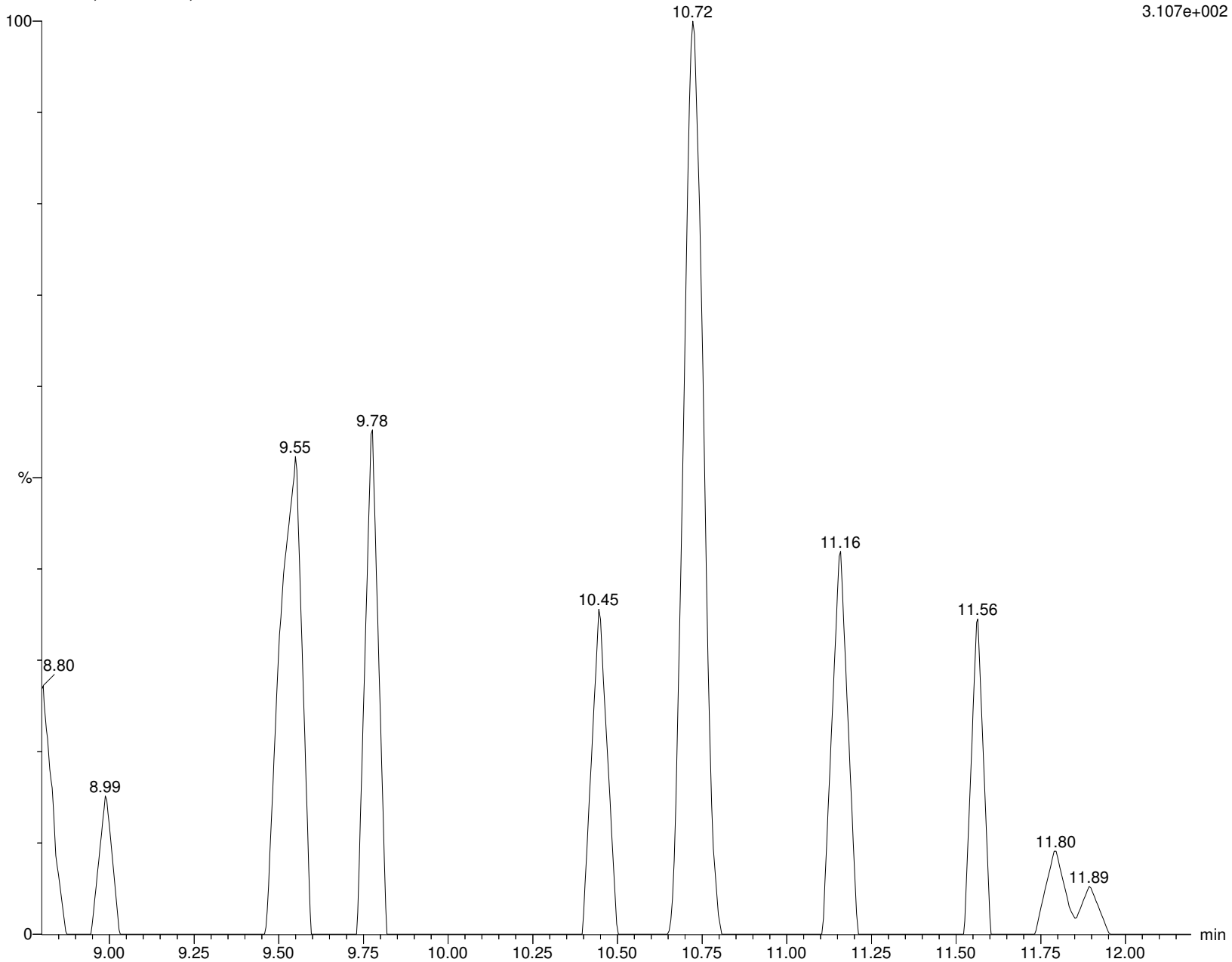
I3786 Smooth(Mn,2x5)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F38:MRM of 1 channel,ES-

530.862 > 350.843

3.107e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:18 Eastern Daylight Time

Name: I3786

ID: WG1224866-2

Date: 11-Apr-2019

Time: 13:30:42

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,5

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

11CL-PFOUdS

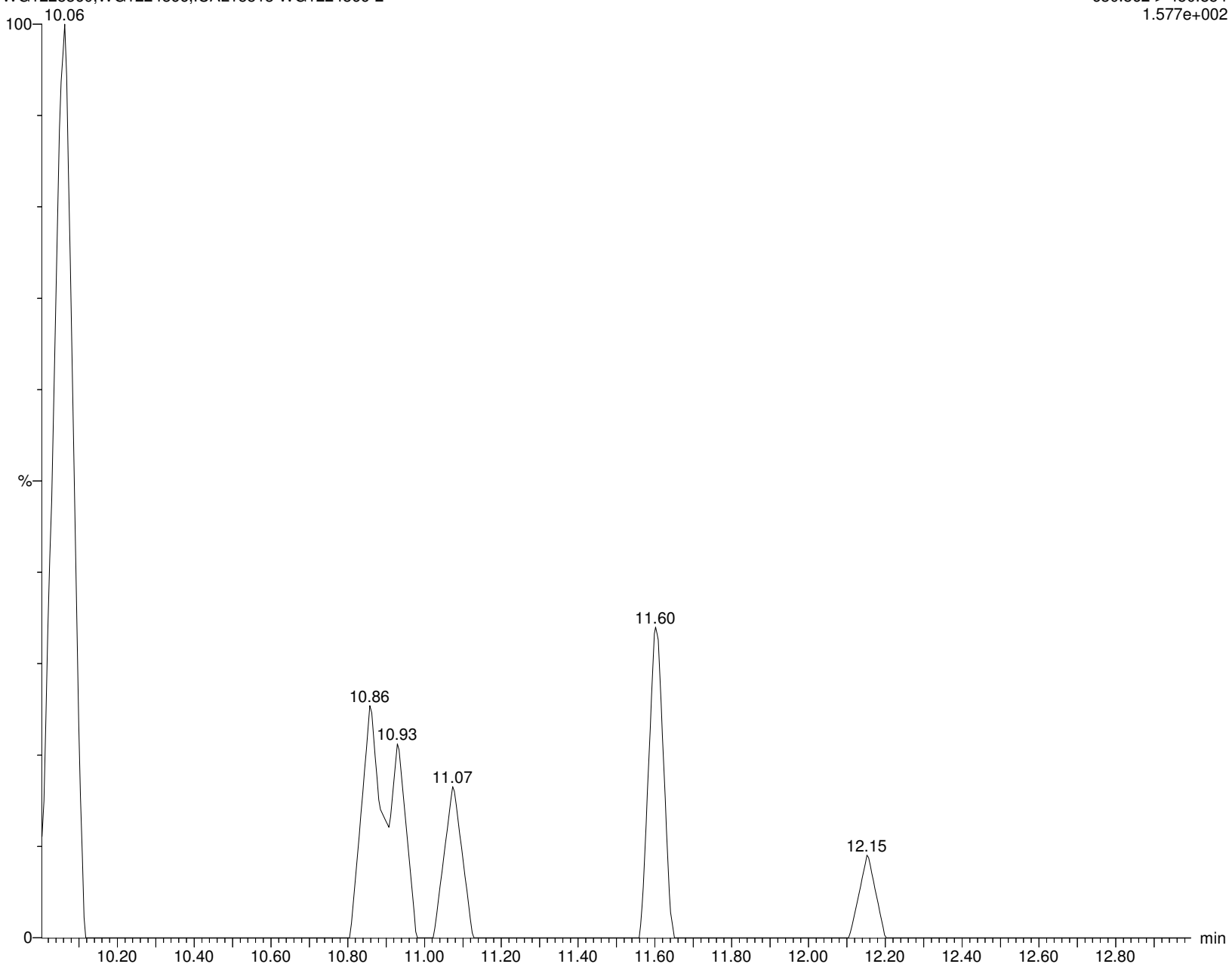
I3786 Smooth(Mn,2x5)

WG1225360,WG1224866,ICAL15513 WG1224866-2

F50:MRM of 1 channel,ES-

630.862 > 450.854

1.577e+002



Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld
Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time
Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Method: C:\MassLynx\Data\2019\190411_537ISO.PRO\MethDB\537ISO_Q_190215_RT.mdb 10 Apr 2019 16:27:50
Calibration: C:\MassLynx\Data\2019\190411_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 08:45:17

ID: WG1224866-3
Name: I3787
Date: 11-Apr-2019
Time: 13:47:15
Description: WG1225360,WG1224866,ICAL15513
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:JW

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.35	212.926 > 169.111	46624		11.161		na	111.6
2	M3PFBA	INT STD	2.35	215.926 > 172.122	44860		9.451		na	94.5
3	MPFBA	INT STD	2.35	216.926 > 172.137	48700		10.049		na	100.5
4	PFPeA	2706-90-3	5.25	262.926 > 219.002	70661		10.473		na	104.7
5	M5PFPEA	INT STD	5.25	267.989 > 223.081	62997		10.450		na	104.5
6	PFBS	375-73-5	5.89	298.989 > 80.295	12414		9.849		na	111.3
7	M3PFBS	INT STD	5.89	301.989 > 80.254	12074		9.599		na	96.0
8	4:2FTS	757124-72-4	7.05	326.926 > 306.957	5614		11.174	2.27	YES	119.5
9	M2-4:2FTS	INT STD	7.05	329.117 > 309.079	4315		7.395		na	74.0
10	PFHxA	307-24-4	7.13	312.989 > 269.028	85849		11.170	17.93	NO	111.7
11	M5PFHxA	INT STD	7.13	317.989 > 273.045	75903		9.924		na	99.2
12	PFPeS	2706-91-4	7.44	348.926 > 80.251	13748		10.825	1.97	NO	115.2
13	PFHpA	375-85-9	8.40	362.926 > 319.014	98492		10.186	5.64	NO	101.9
14	M4PFHpA	INT STD	8.40	366.926 > 321.979	96588		9.775		na	97.8
15	br-PFHxS	355-46-4	8.31	398.926 > 80.295	1706	M5	1.543	2.74	YES	90.8
16	L-PFHxS	355-46-4	8.55	398.926 > 80.295	10623		8.845	1.44	NO	119.5
17	PFHxS	355-46-4		398.926 > 80.295	12329		10.388		na	
18	M3PFHxS	INT STD	8.55	401.926 > 80.317	8677		9.746		na	97.5
19	br-PFOA	335-67-1		412.989 > 368.9			ND		YES	
20	L-PFOA	335-67-1	9.34	412.989 > 368.9	95413		10.304	10.20	NO	103.0
21	M2PFOA	INT STD	9.35	415.032 > 369.968	91996		9.289		na	92.9
22	PFOA	335-67-1		412.989 > 368.9	95413		10.304		na	
23	M8PFOA	INT STD	9.34	420.989 > 375.979	86611		9.803		na	98.0
24	6:2FTS	27619-97-2	9.30	426.989 > 406.921	4990		11.046		na	116.3
25	M2-6:2FTS	INT STD	9.30	428.989 > 408.917	4634		7.907		na	79.1
26	PFHpS	375-92-8	9.43	448.926 > 80.257	7207		11.017	0.94	YES	116.0
27	PFNA	375-95-1	10.10	462.989 > 418.931	88336		11.021	4.72	NO	110.2
28	M9PFNA	INT STD	10.09	472.053 > 426.947	86630		10.311		na	103.1
29	br-PFOS	1763-23-1	9.89	498.989 > 80.294	3200	M5	2.472	16.85	NO	123.6
30	L-PFOS	1763-23-1	10.14	498.989 > 80.294	7399		6.786	1.74	NO	93.0
31	PFOS	1763-23-1		498.989 > 80.294	10599		9.258		na	
32	M4PFOS	INT STD	10.14	503.032 > 80.306	10113		10.937		na	109.4
33	M8PFOS	INT STD	10.14	507.053 > 80.294	9530		9.373		na	93.7
34	PFDA	335-76-2	10.73	513.053 > 468.906	77034		10.529	7.10	YES	105.3
35	M2PFDA	INT STD	10.73	515.053 > 469.934	76111		10.090		na	100.9
36	M6PFDA	INT STD	10.73	519.053 > 473.931	78909		9.687		na	96.9
37	8:2FTS	39108-34-4	10.72	526.989 > 506.946	4049		12.205		na	127.1
38	M2-8:2FTS	INT STD	10.72	529.053 > 508.945	2994		9.281		na	92.8
39	PFNS	68259-12-1	10.75	548.989 > 80.249	9152		11.188	1.34	NO	116.5

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

ID: WG1224866-3

Name: I3787

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:JW

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	11.10	573.096 > 418.987	5826		7.521		na	75.2
41	NMeFOSAA	2355-31-9	11.10	570.053 > 418.917	6881		11.425		na	114.2
42	PfUnA	2058-94-8	11.27	562.989 > 518.903	74351		10.320	8.30	NO	103.2
43	M7-PFUDA	INT STD	11.27	570.053 > 524.923	66348		9.711		na	97.1
44	PFDS	335-77-3	11.28	598.926 > 80.314	9031		11.805	1.36	YES	122.3
45	FOSA	754-91-6	11.07	497.989 > 78.245	10954		9.262		na	92.6
46	M8FOSA	INT STD	11.06	506.053 > 78.286	11473		4.485		na	44.8
47	d5-NEtFOSAA	INT STD	11.38	589.117 > 418.929	5398		7.702		na	77.0
48	NEtFOSAA	2991-50-6	11.38	583.989 > 418.927	6278		10.741	2.55	YES	107.4
49	PFDa	307-55-1	11.75	612.989 > 568.967	65880		10.268	14.06	NO	102.7
50	MPFDOA	INT STD	11.75	614.989 > 569.92	70552		9.000		na	90.0
51	PFTTrDA	72629-94-8	12.16	663.053 > 618.969	46778		9.709	11.13	NO	97.1
52	PFTA	376-06-7	12.51	713.053 > 668.976	48259		11.334	9.00	NO	113.3
53	M2PFTEDA	INT STD	12.51	715.053 > 669.945	50344		9.645		na	96.5
54	M3HFPO-DA	INT STD		331.989 > 286.995			ND		na	
55	HFPO-DA	13252-13-6		328.989 > 284.982			ND		na	
56	ADONA	958445-44-8	8.58	376.926 > 251.005	153683		10.417		YES	110.1
57	PFHxDA		12.87	813.053 > 769.005	24124		10.790		na	107.9
58	PFODA		13.14	912.989 > 869.032	23908		11.192		na	111.9
59	M2PFHxDA		12.87	815.372 > 770.158	5673		5.685		na	56.8
60	10:2FTS			626.862 > 606.896			ND		na	
61	9CL-PF3ONS			530.862 > 350.843			ND		na	
62	11CL-PFOUdS			630.862 > 450.854			ND		na	

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Method: C:\MassLynx\Data\2019\190411_537ISO.PRO\MethDB\537ISO_Q_190215_RT.mdb 10 Apr 2019 16:27:50

Calibration: C:\MassLynx\Data\2019\190411_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 08:45:17

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBA

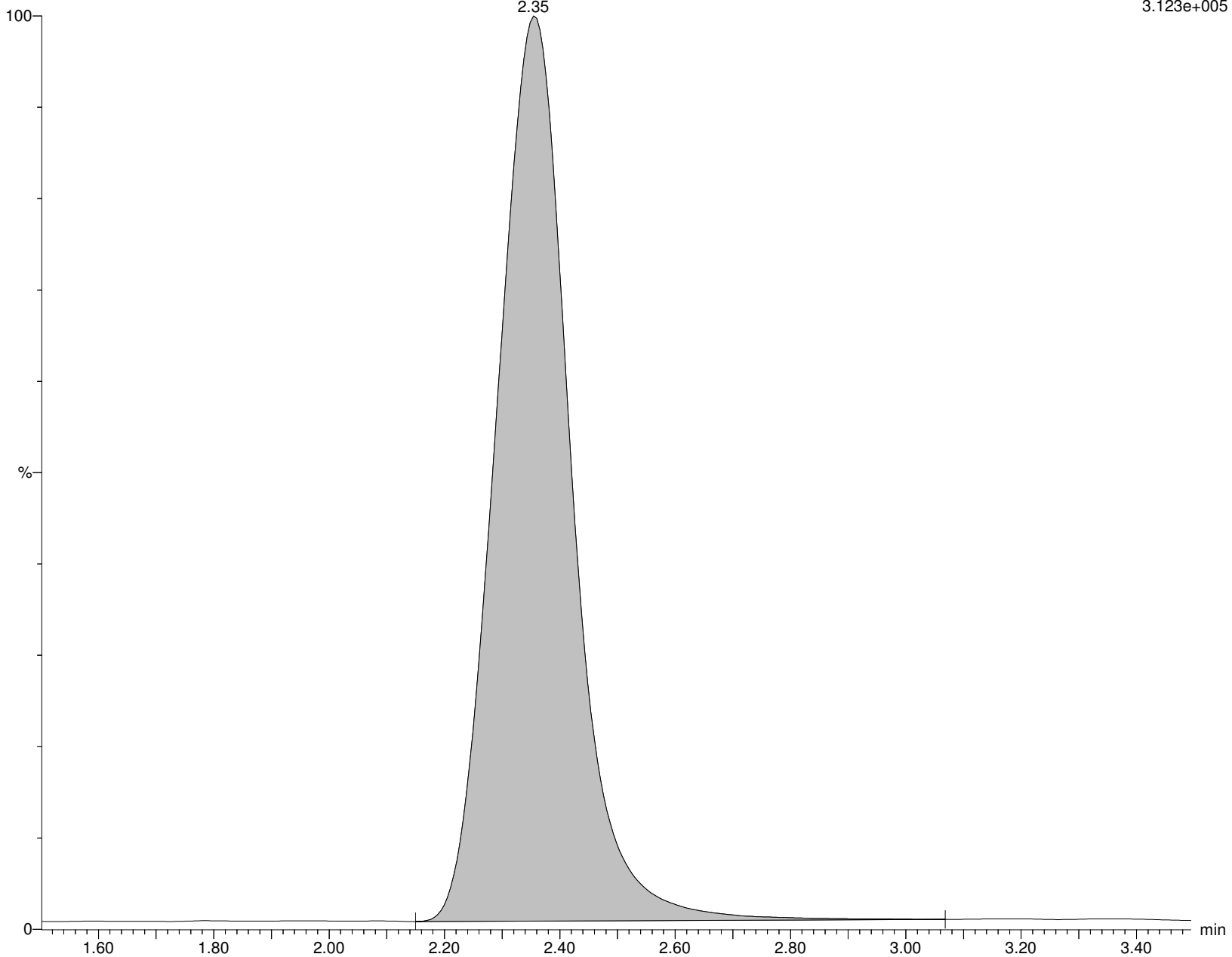
I3787 Smooth(Mn,2x5)

WG1225360, WG1224866, ICAL15513 WG1224866-3

F1:MRM of 1 channel,ES-

212.926 > 169.111

3.123e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBA

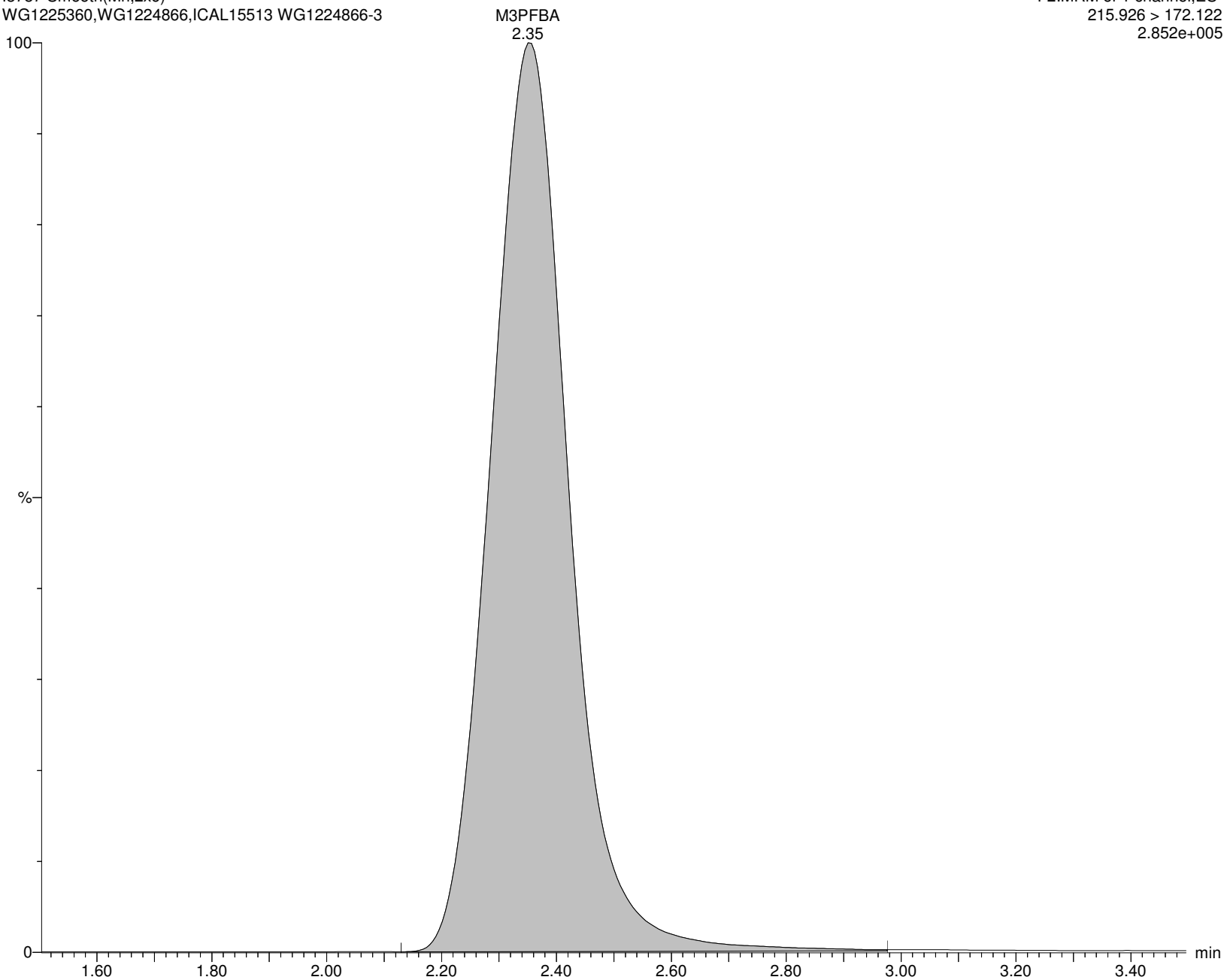
I3787 Smooth(Mn,2x6)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F2:MRM of 1 channel,ES-

215.926 > 172.122

2.852e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFBA

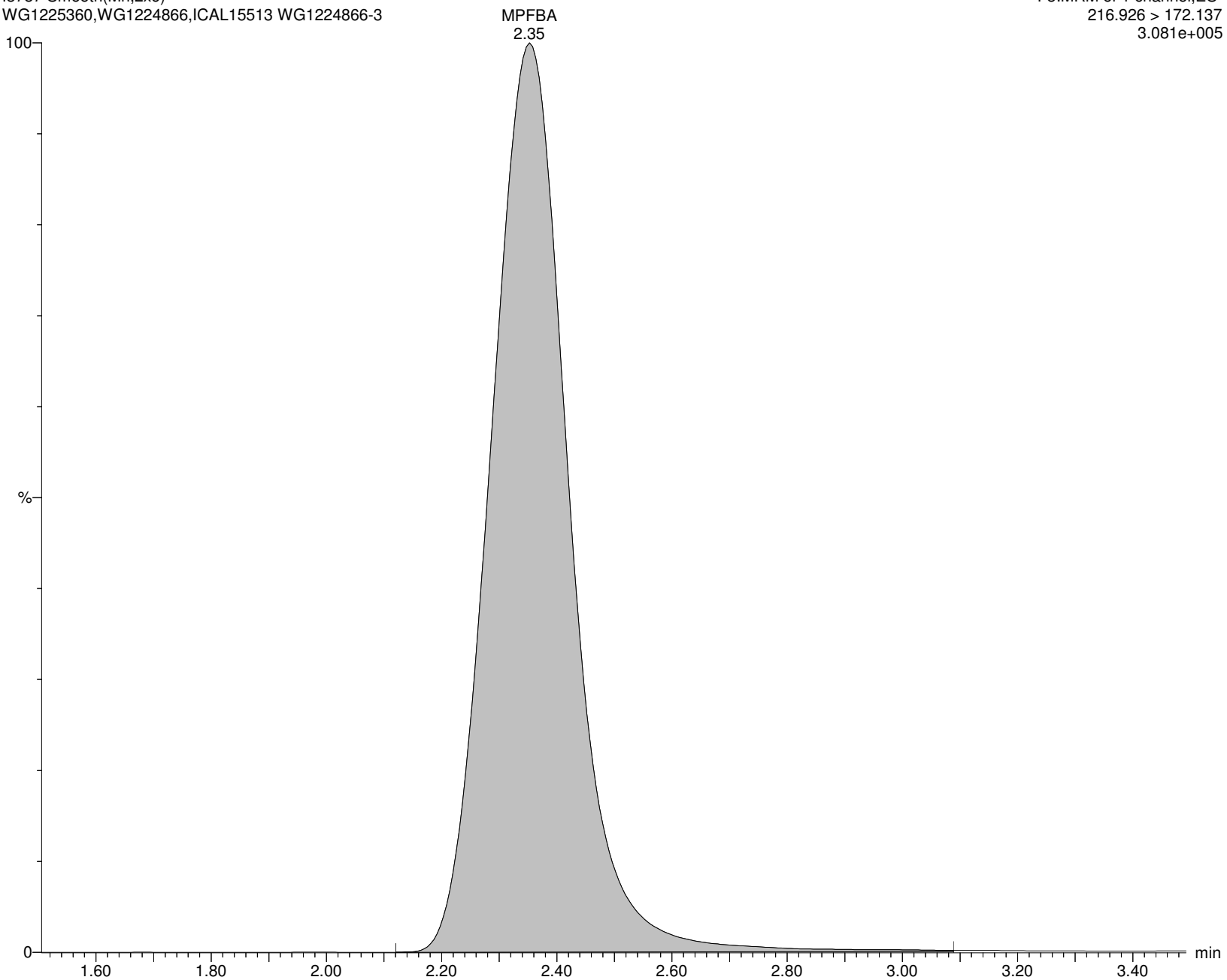
I3787 Smooth(Mn,2x6)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F3:MRM of 1 channel,ES-

216.926 > 172.137

3.081e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeA

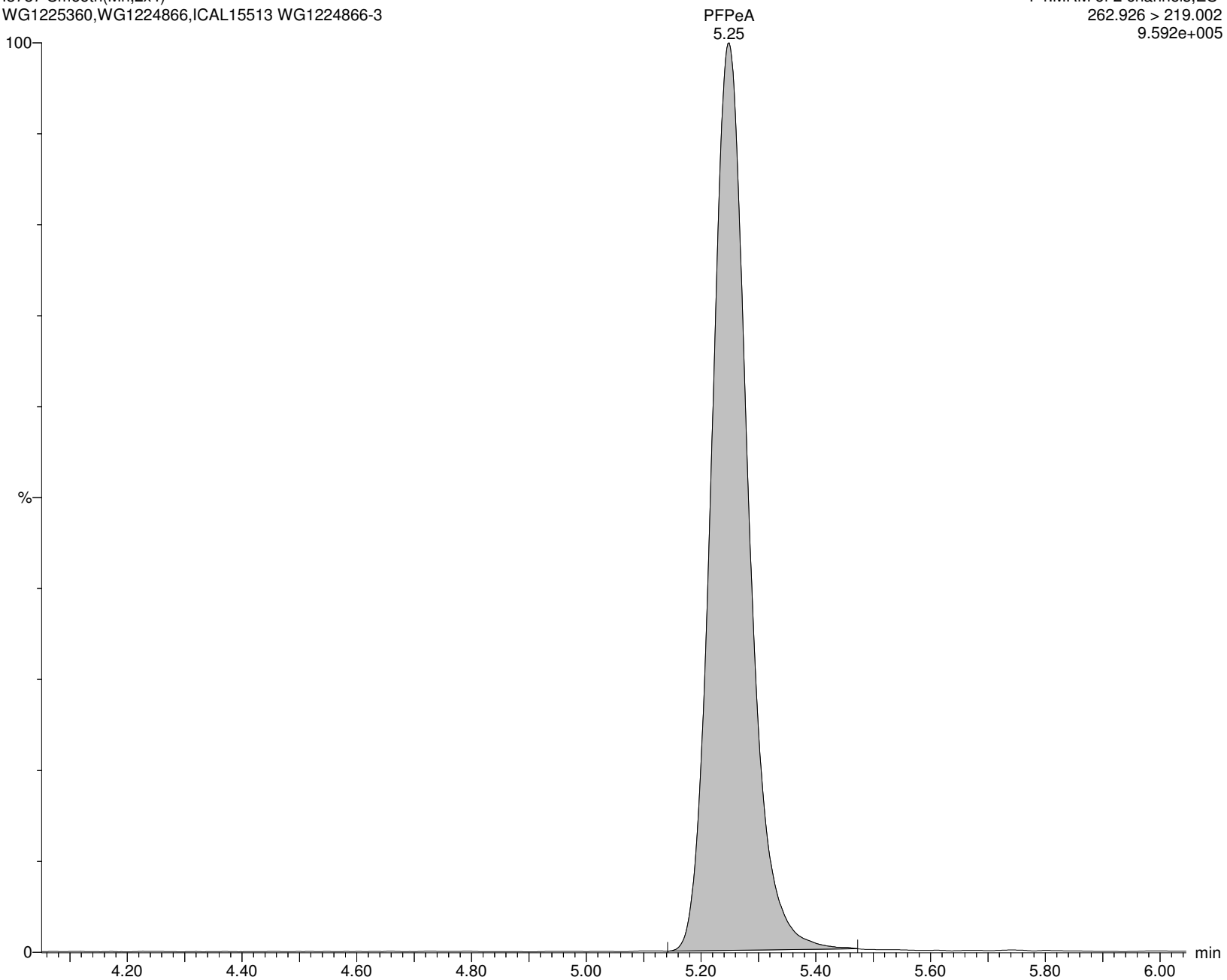
I3787 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F4:MRM of 2 channels,ES-

262.926 > 219.002

9.592e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFPEA

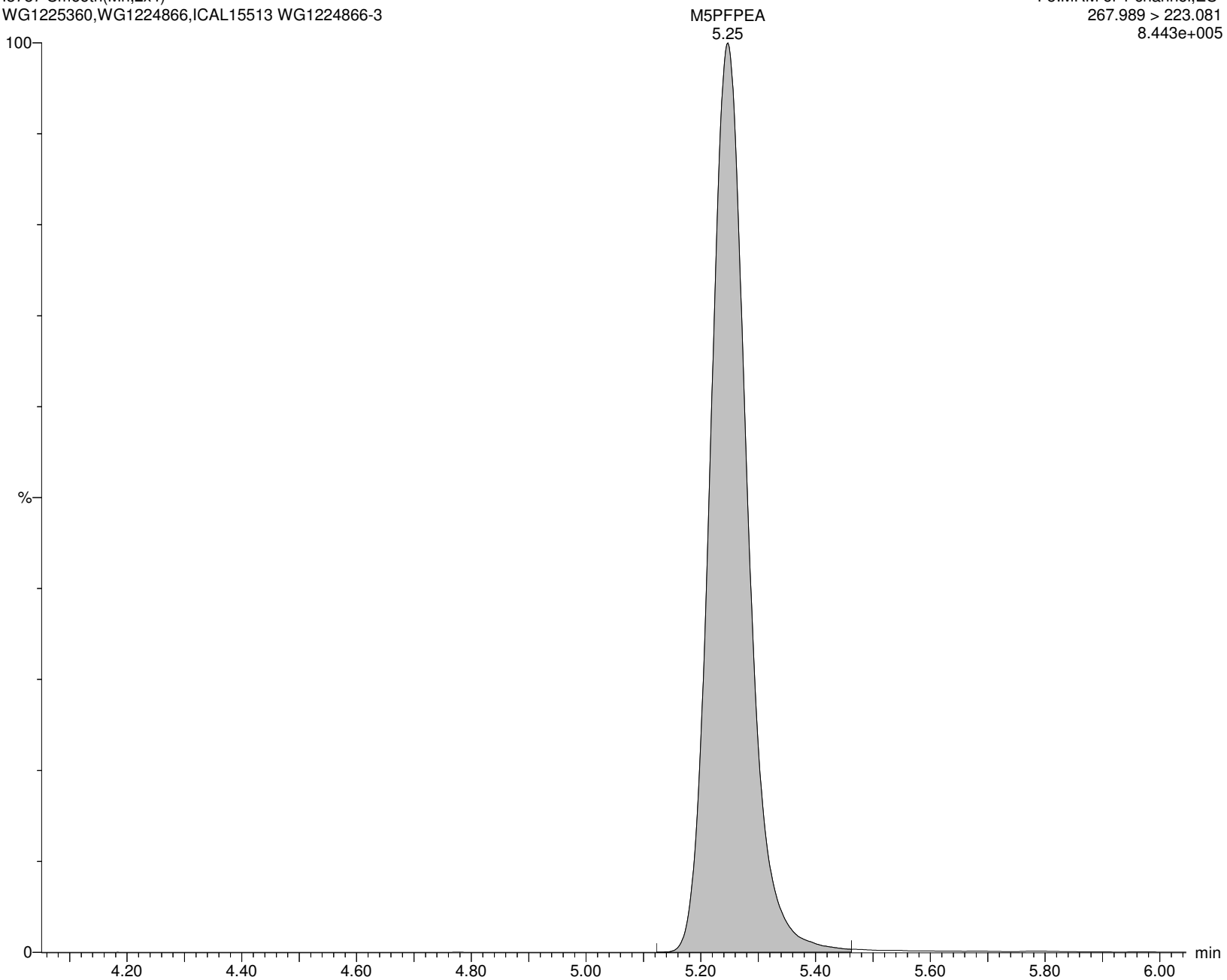
I3787 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F5:MRM of 1 channel,ES-

267.989 > 223.081

8.443e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBS

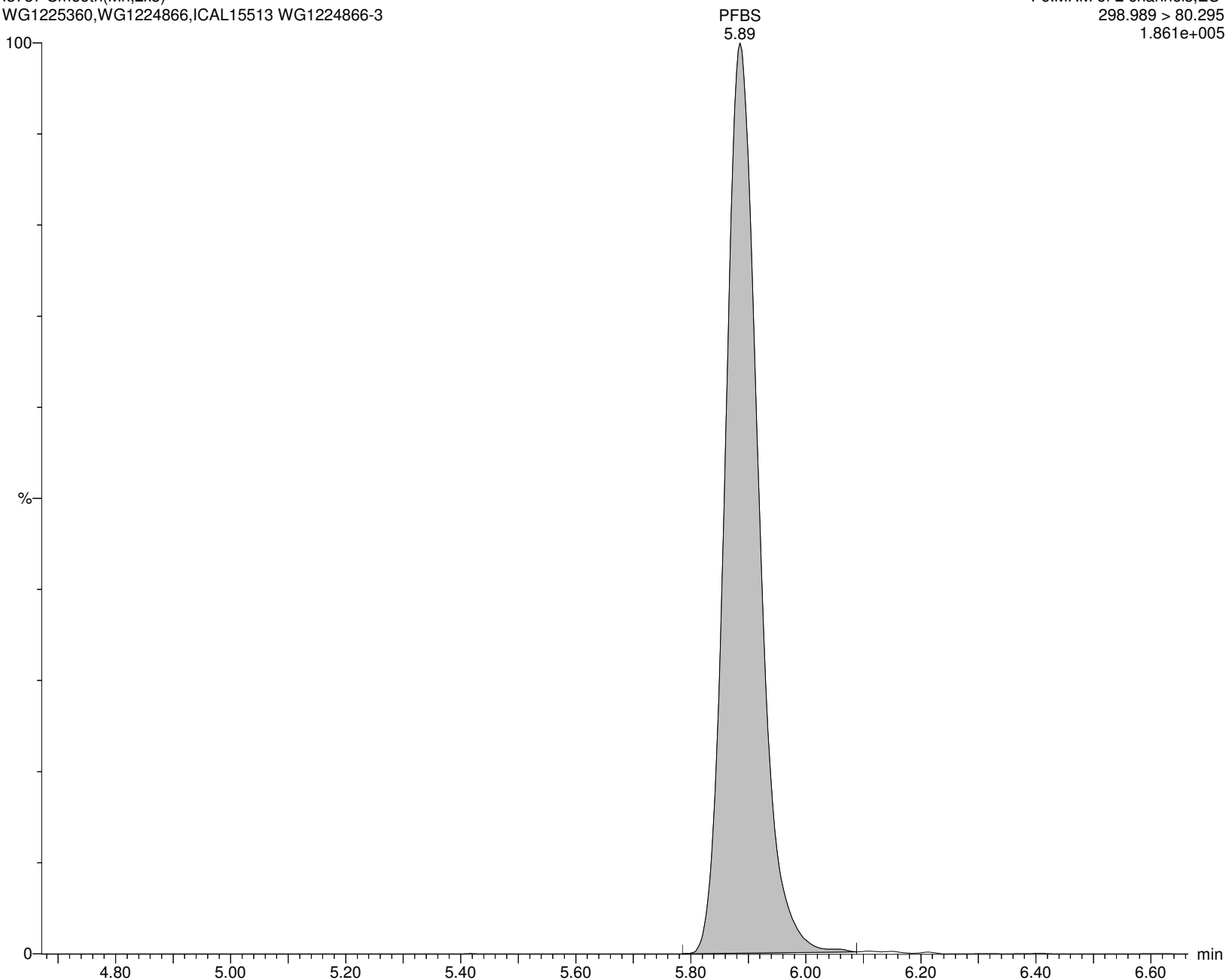
I3787 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F6:MRM of 2 channels,ES-

298.989 > 80.295

1.861e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBS

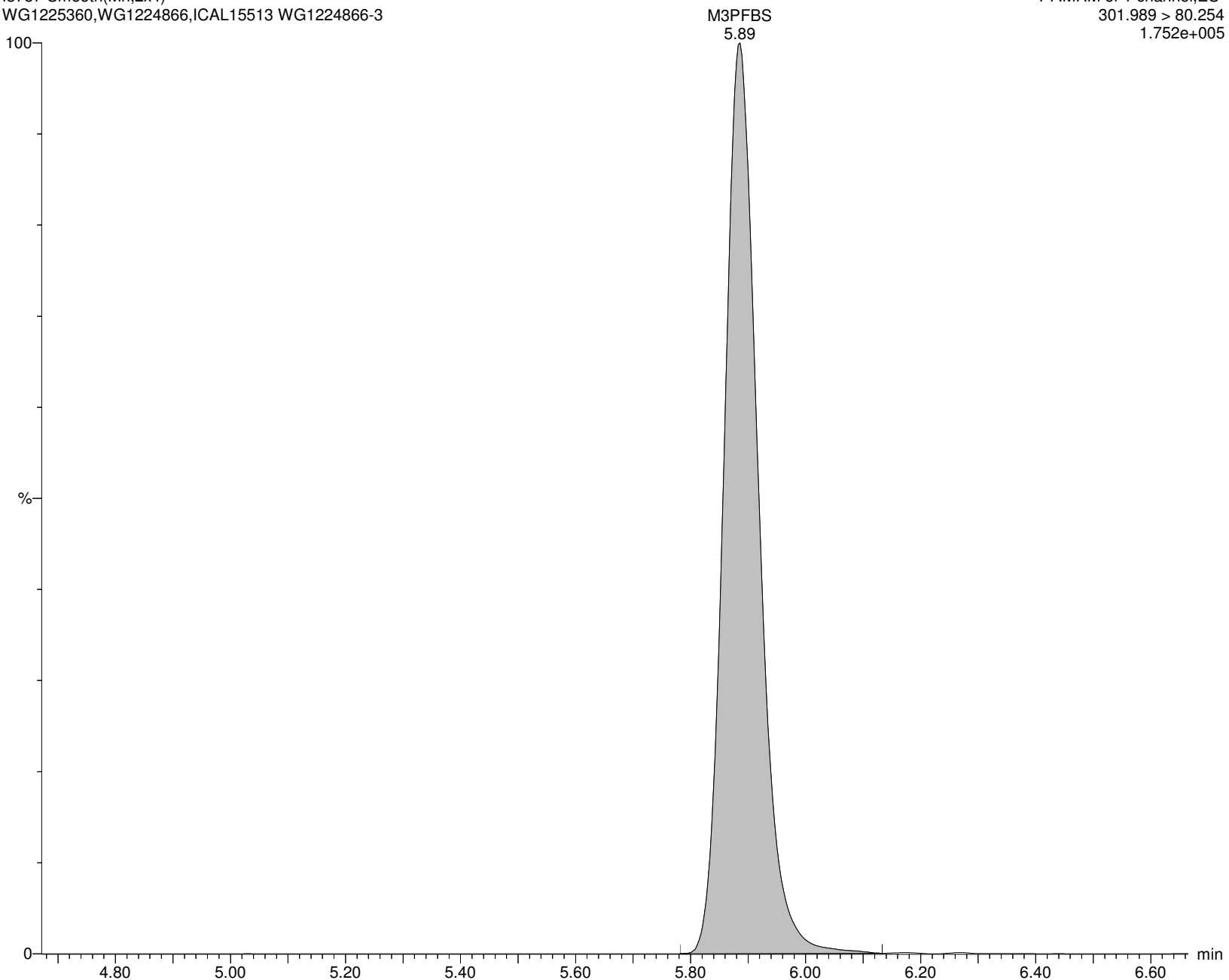
I3787 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F7:MRM of 1 channel,ES-

301.989 > 80.254

1.752e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

4:2FTS

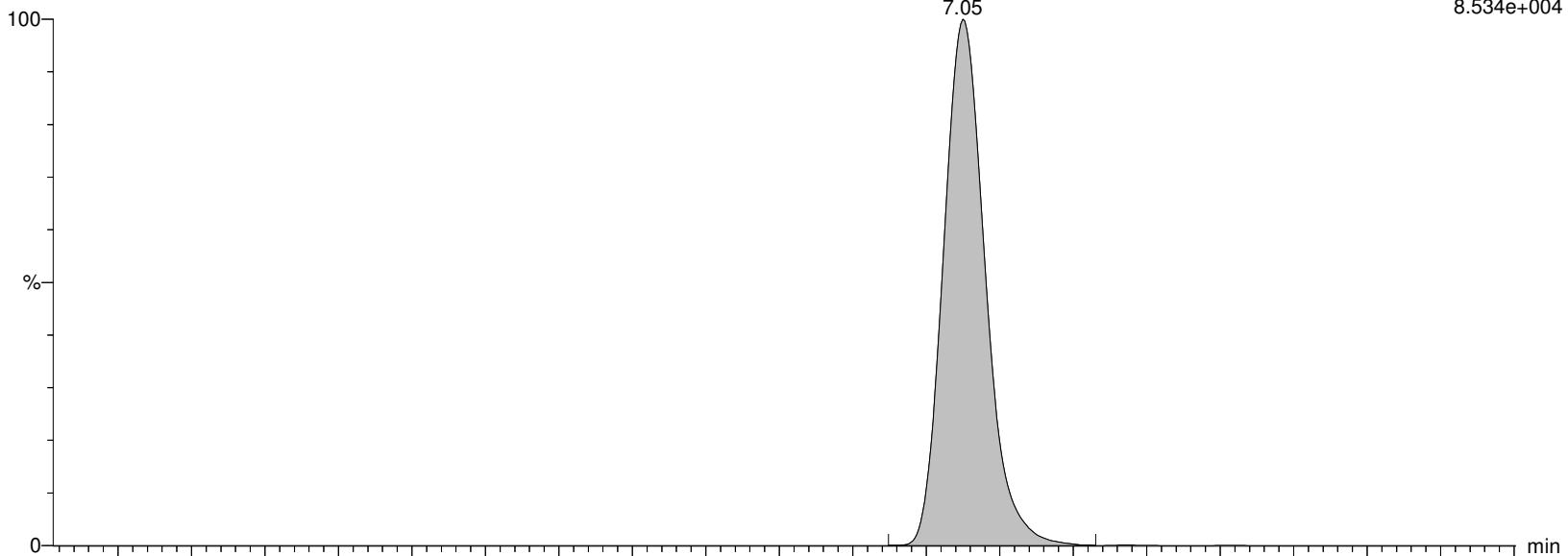
I3787 Smooth(Mn,5x3)

WG1225360, WG1224866, ICAL15513 WG1224866-3

F10:MRM of 2 channels, ES-

326.926 > 306.957

8.534e+004



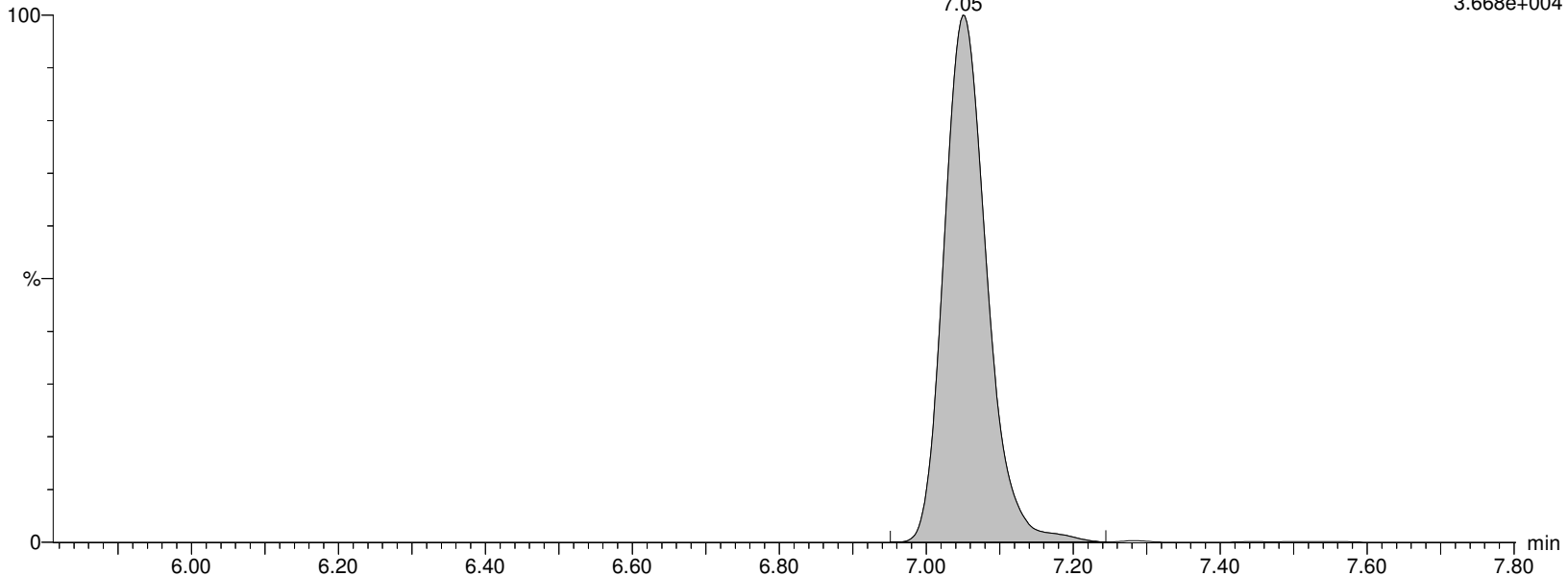
I3787 Smooth(Mn,5x3)

WG1225360, WG1224866, ICAL15513 WG1224866-3

F10:MRM of 2 channels, ES-

326.926 > 81.02

3.668e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-4:2FTS

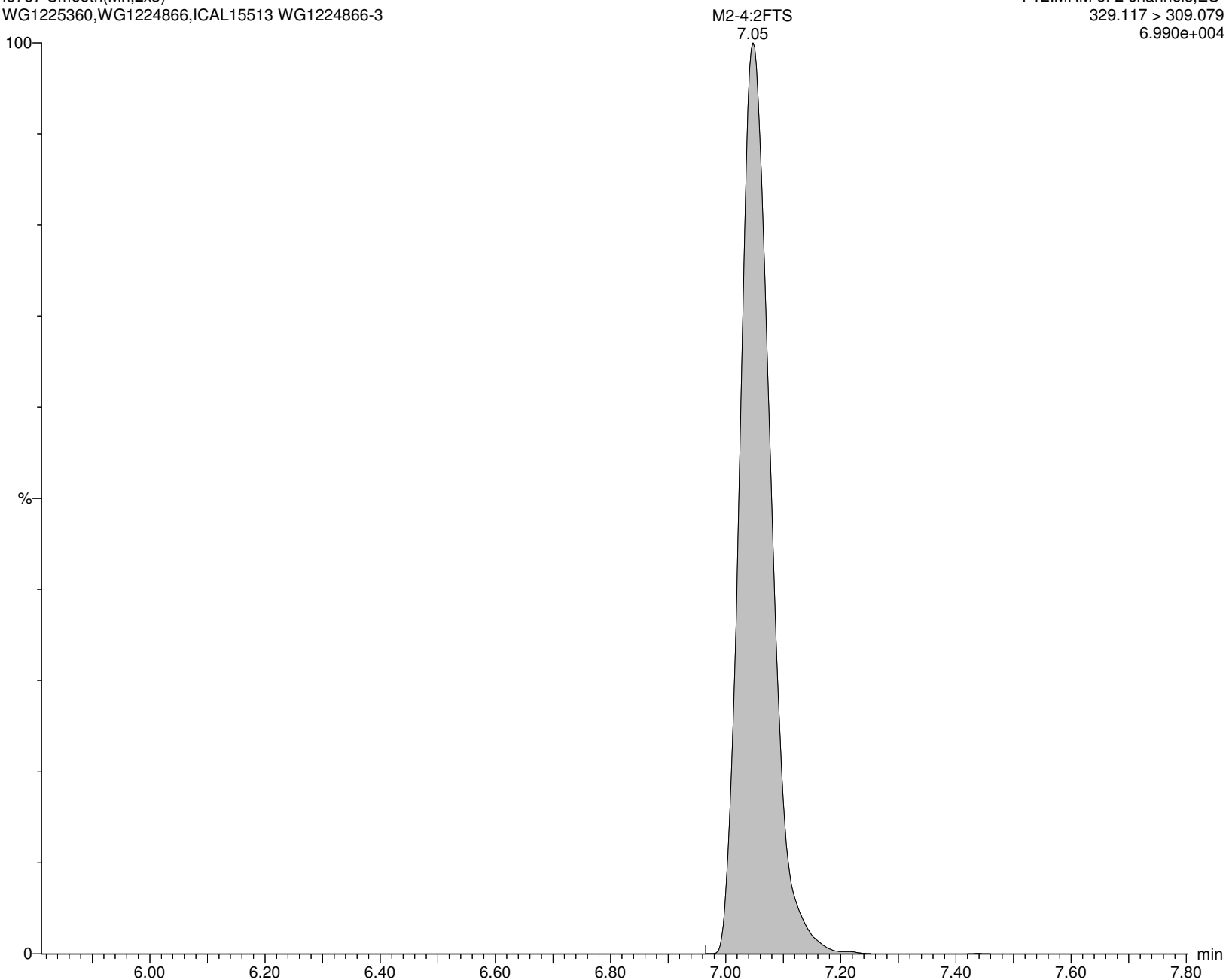
I3787 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F12:MRM of 2 channels,ES-

329.117 > 309.079

6.990e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxA

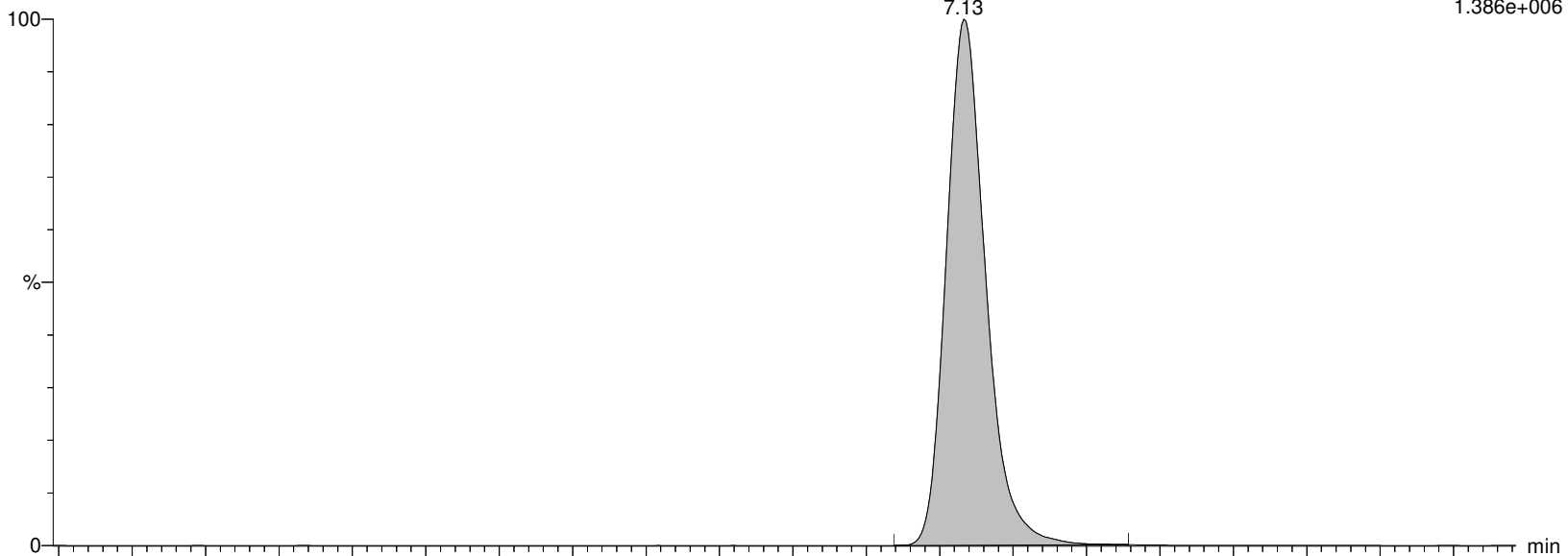
I3787 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 WG1224866-3

F8:MRM of 2 channels, ES-

312.989 > 269.028

1.386e+006



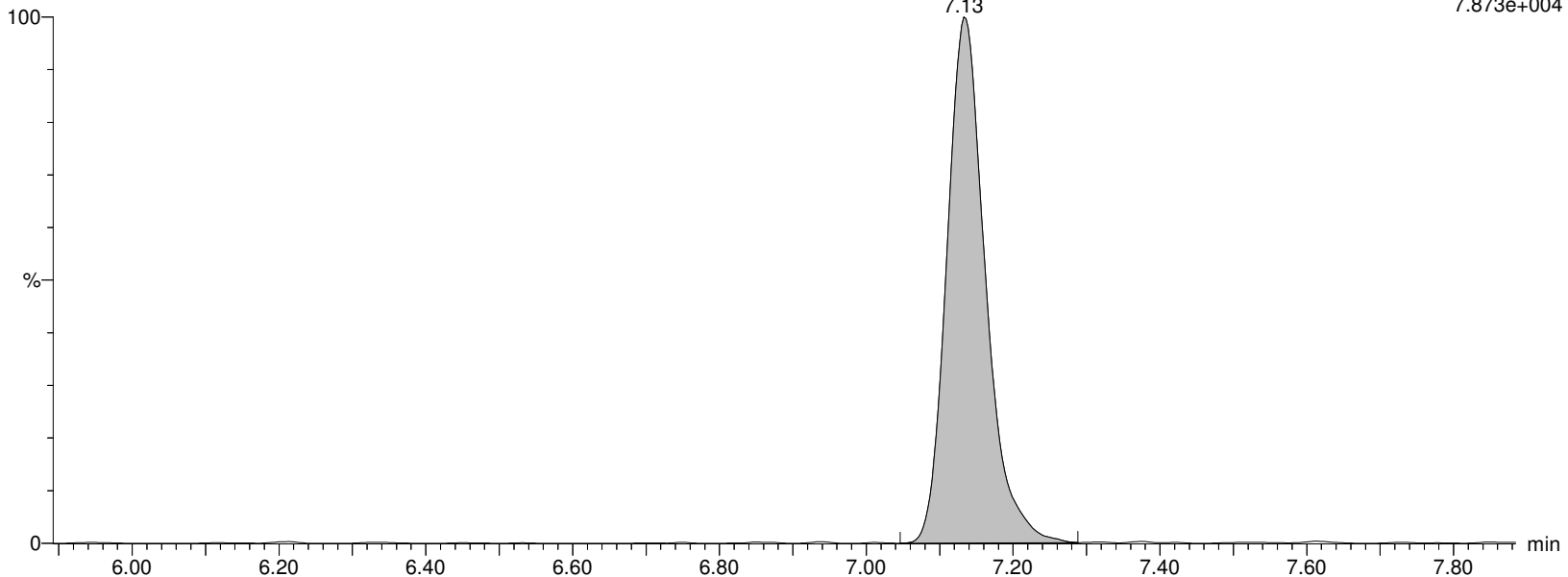
I3787 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 WG1224866-3

F8:MRM of 2 channels, ES-

312.989 > 119.18

7.873e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFHxA

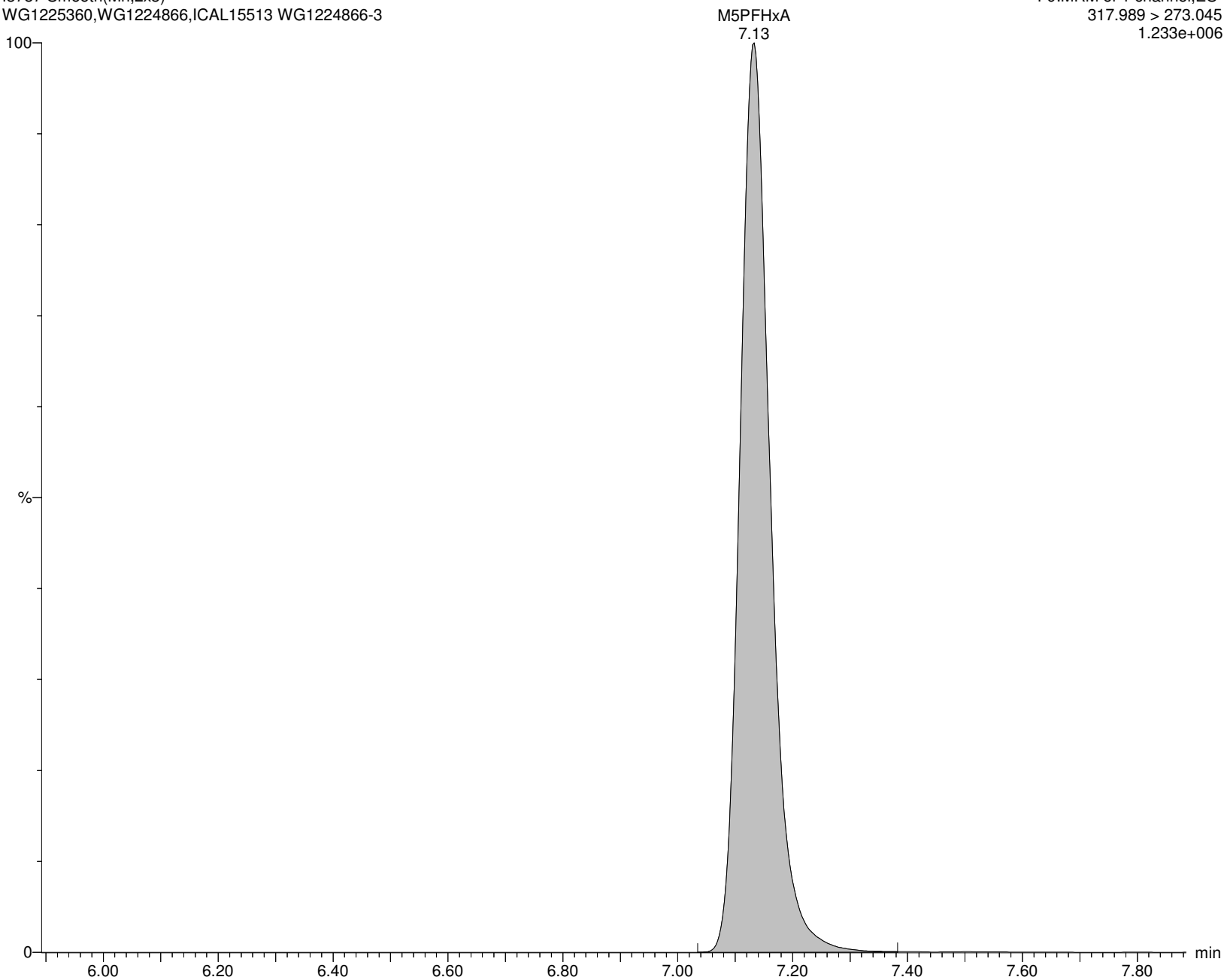
I3787 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F9:MRM of 1 channel,ES-

317.989 > 273.045

1.233e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeS

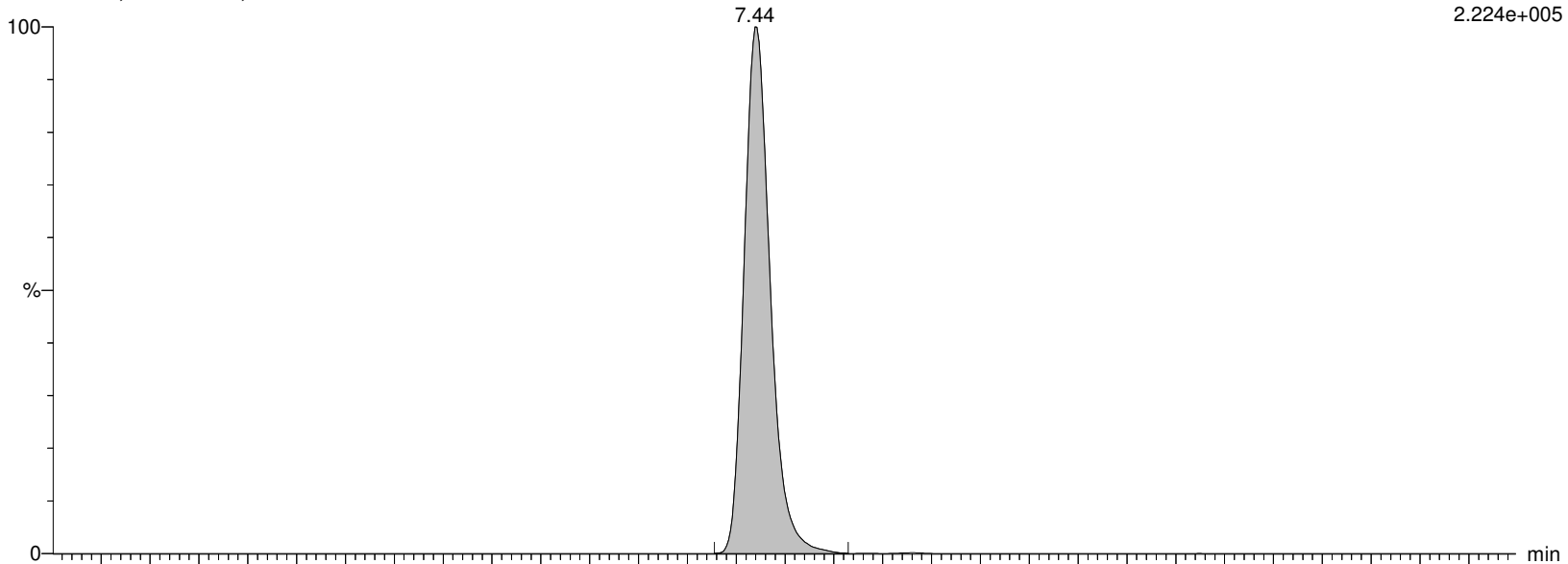
I3787 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F14:MRM of 2 channels,ES-

348.926 > 80.251

2.224e+005



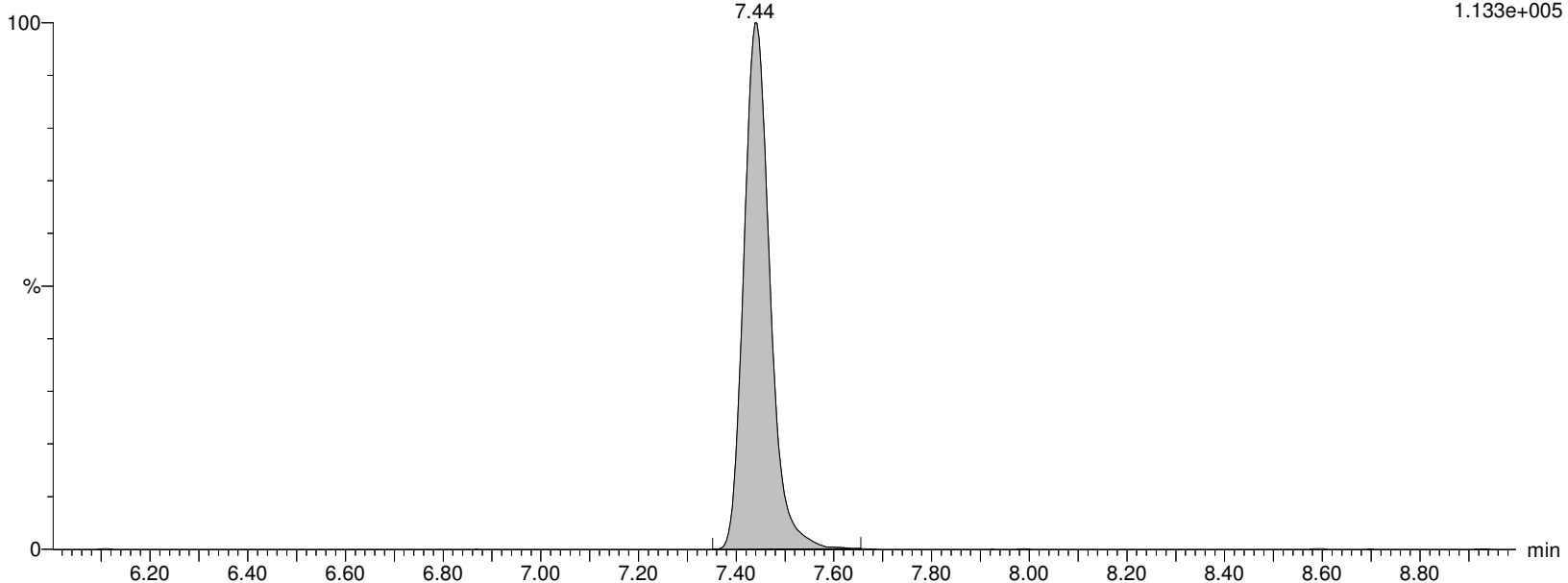
I3787 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F14:MRM of 2 channels,ES-

348.926 > 99.16

1.133e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpA

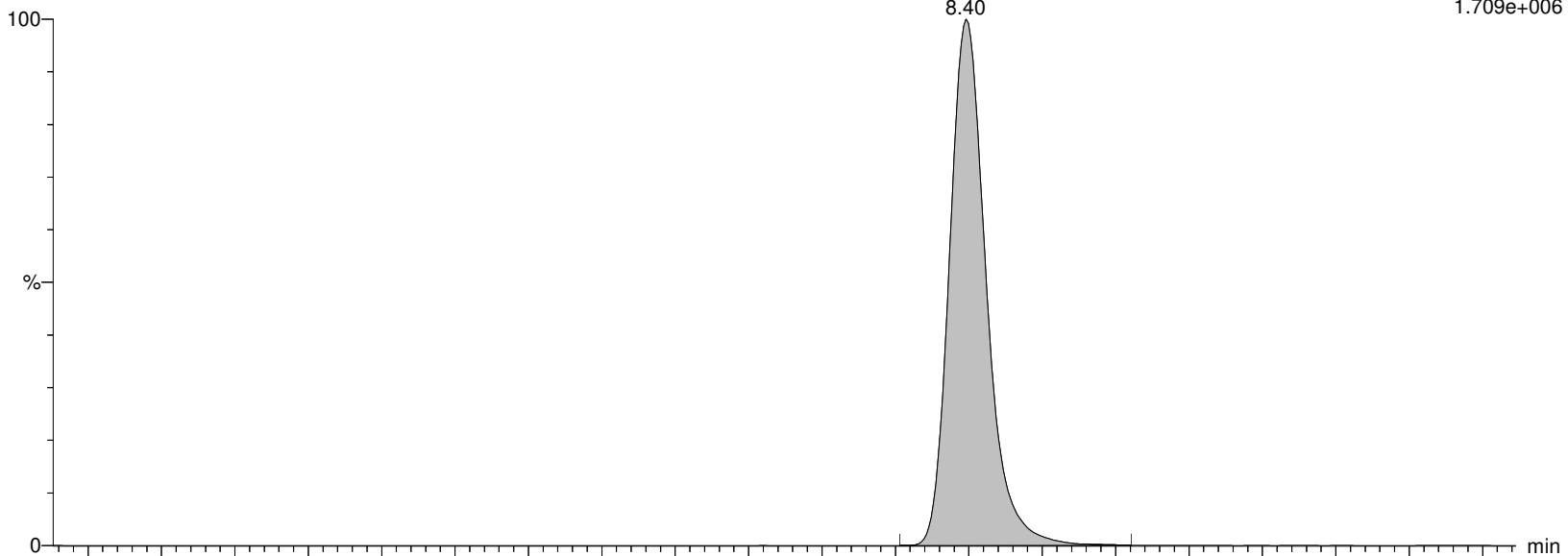
I3787 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F15:MRM of 2 channels,ES-

362.926 > 319.014

1.709e+006



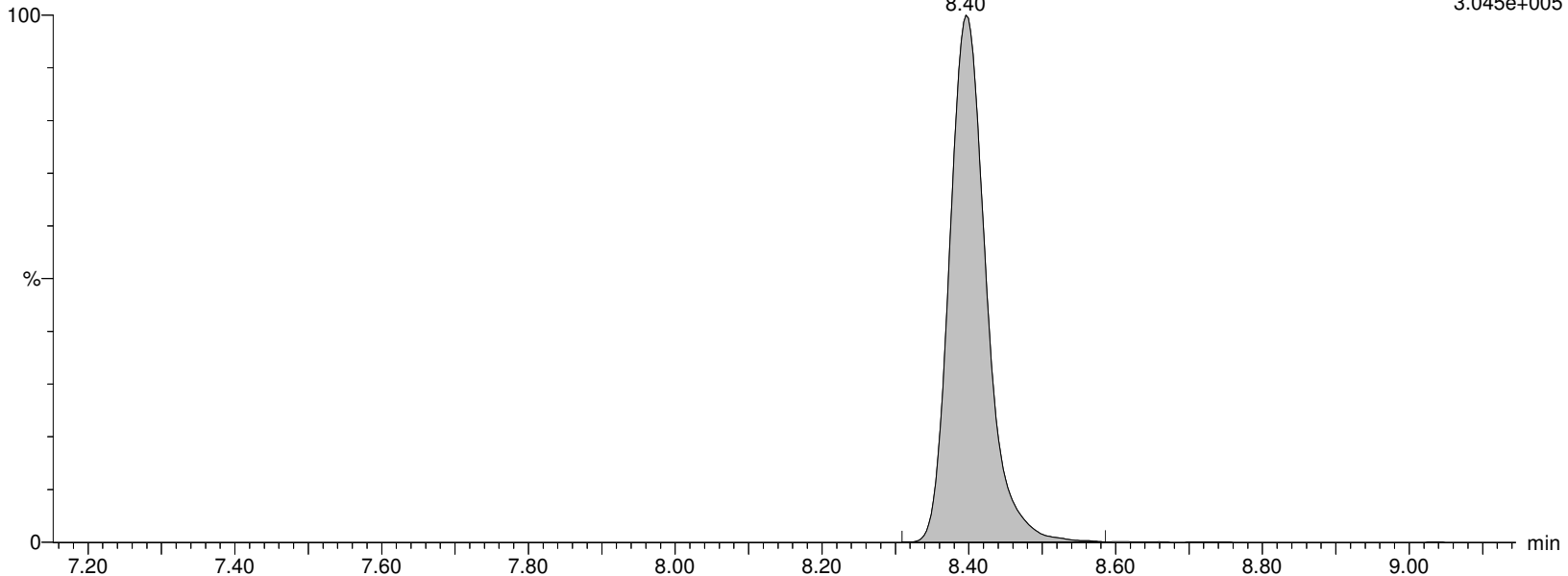
I3787 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F15:MRM of 2 channels,ES-

362.926 > 169.12

3.045e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFHpA

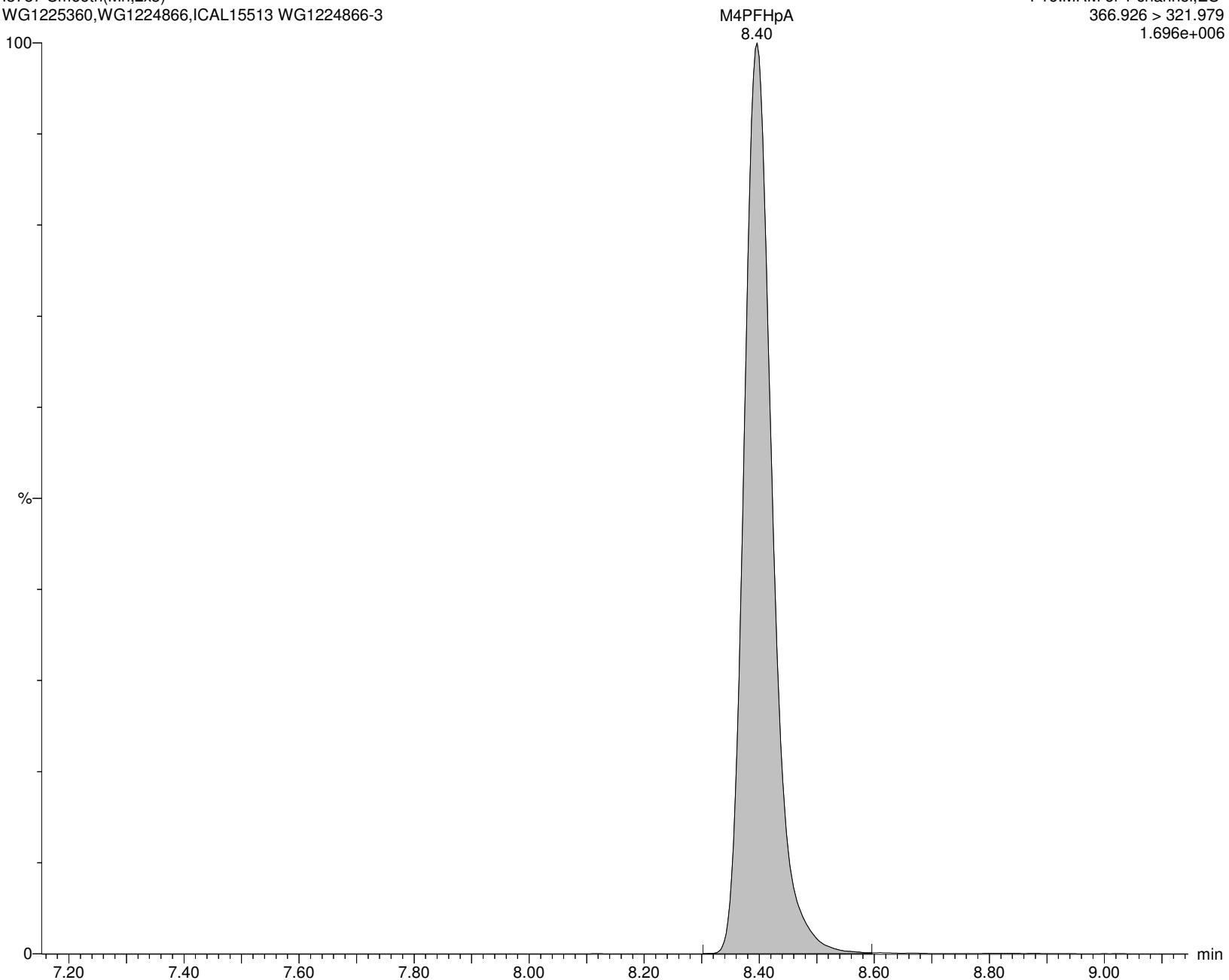
I3787 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F16:MRM of 1 channel,ES-

366.926 > 321.979

1.696e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFHxS

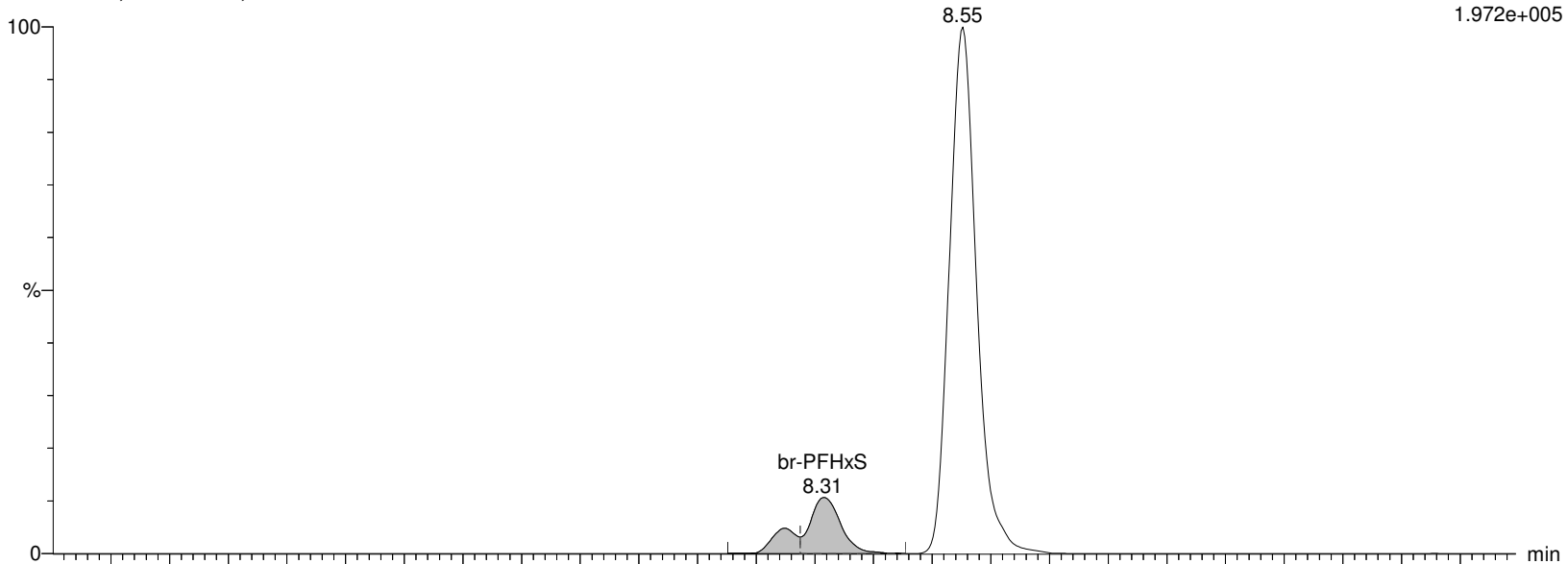
I3787 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F18:MRM of 2 channels,ES-

398.926 > 80.295

1.972e+005



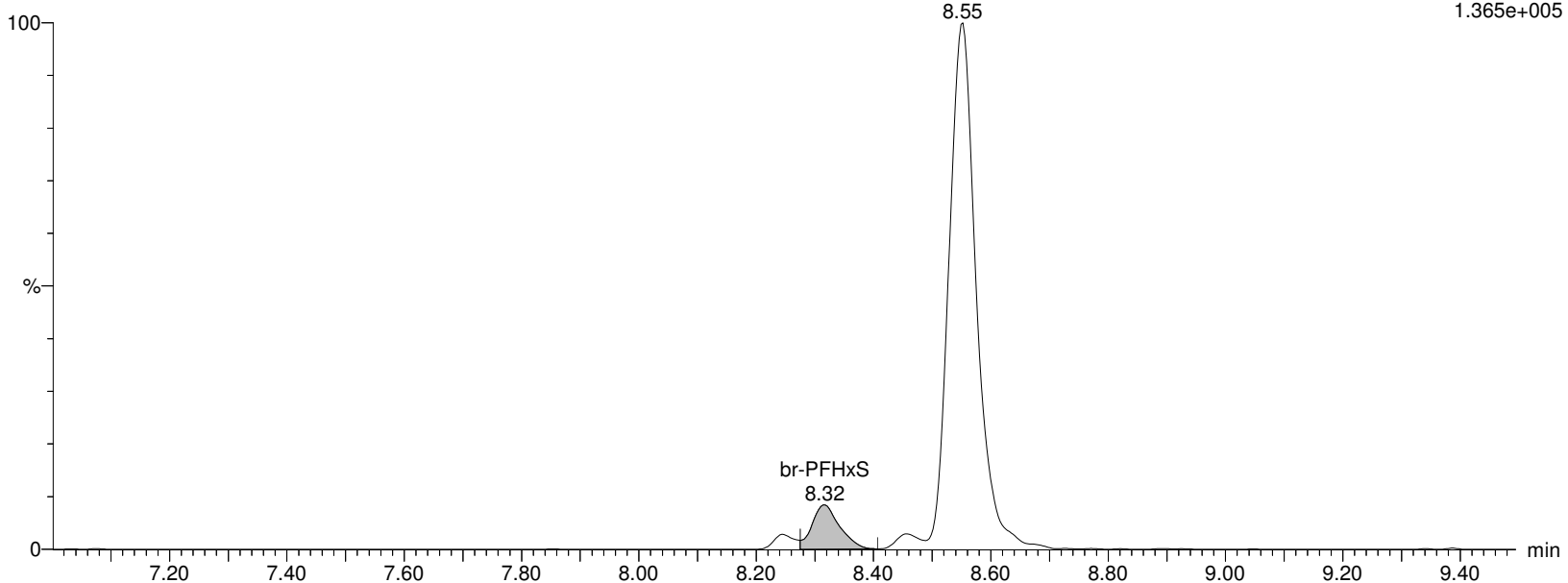
I3787 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F18:MRM of 2 channels,ES-

398.926 > 99.2

1.365e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFHxS

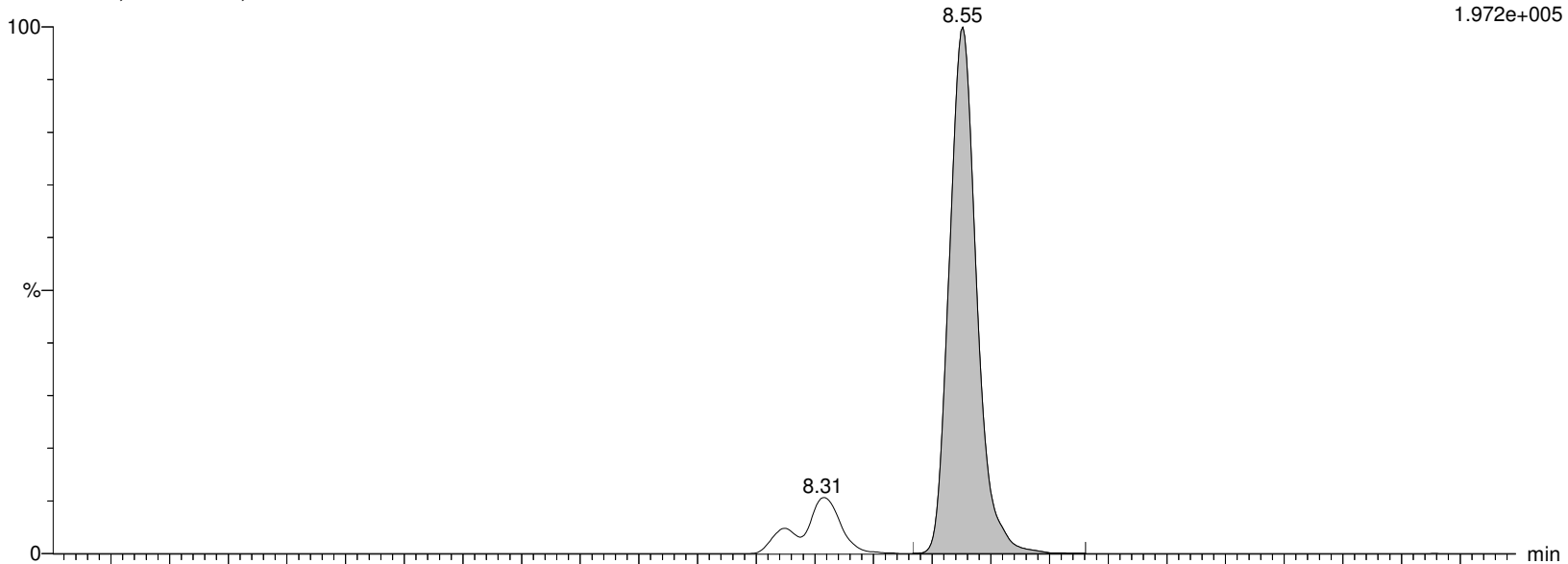
I3787 Smooth(Mn,3x2)

WG1225360, WG1224866, ICAL15513 WG1224866-3

F18:MRM of 2 channels, ES-

398.926 > 80.295

1.972e+005



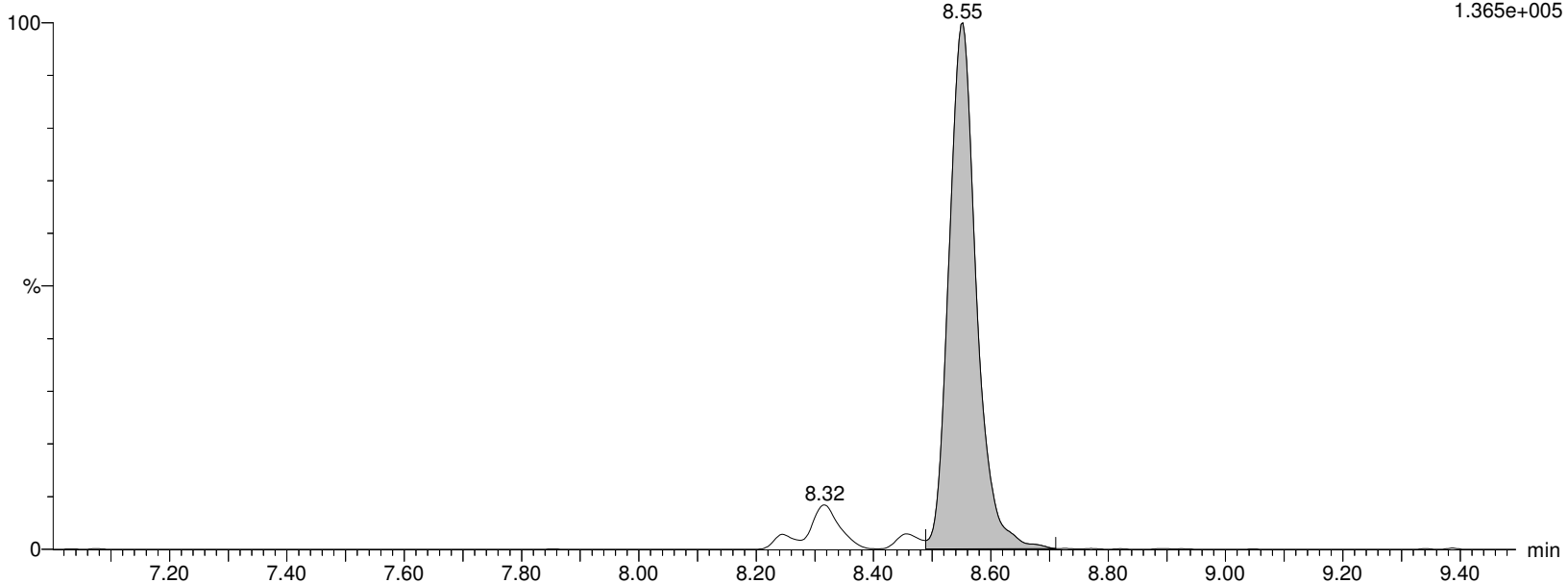
I3787 Smooth(Mn,3x2)

WG1225360, WG1224866, ICAL15513 WG1224866-3

F18:MRM of 2 channels, ES-

398.926 > 99.2

1.365e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxS

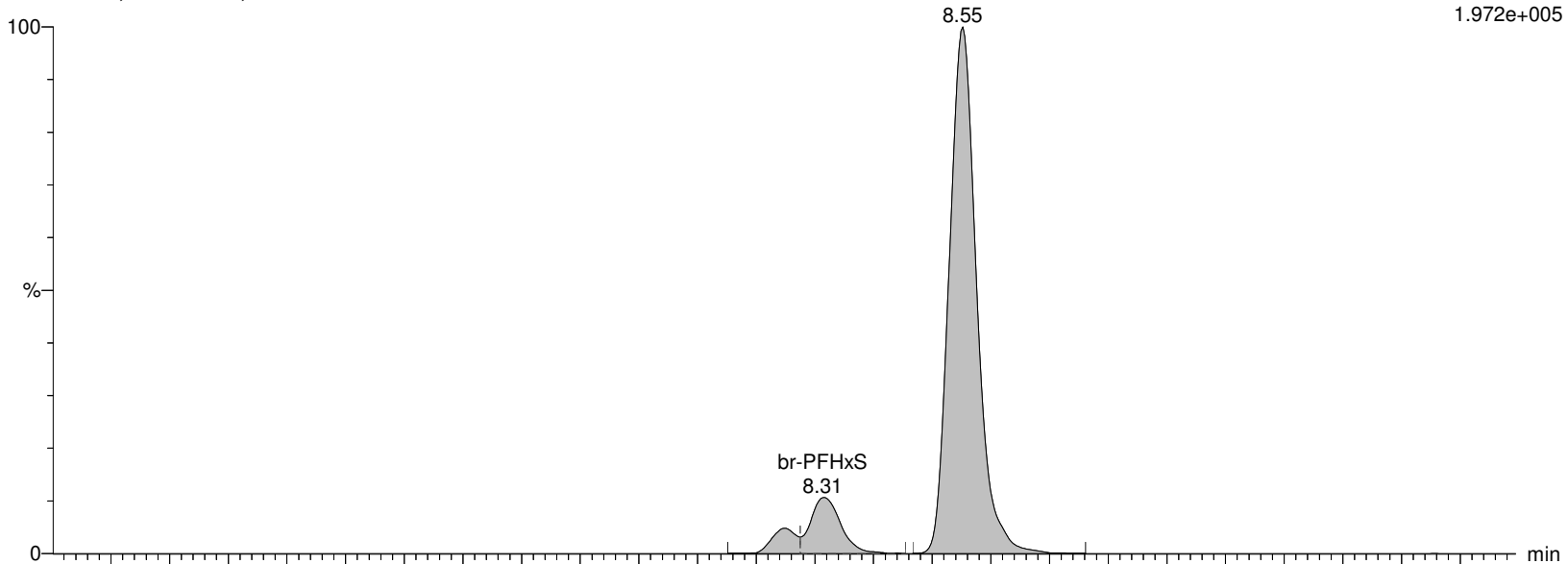
I3787 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F18:MRM of 2 channels,ES-

398.926 > 80.295

1.972e+005



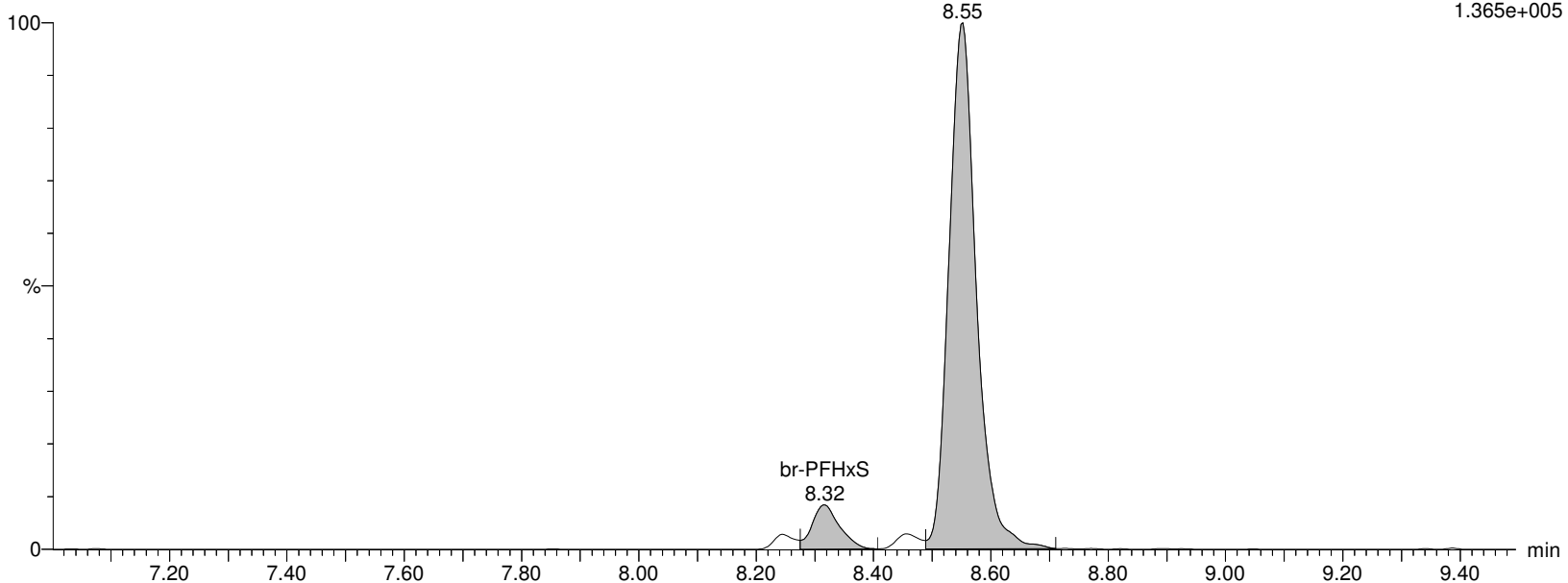
I3787 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F18:MRM of 2 channels,ES-

398.926 > 99.2

1.365e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFHxS

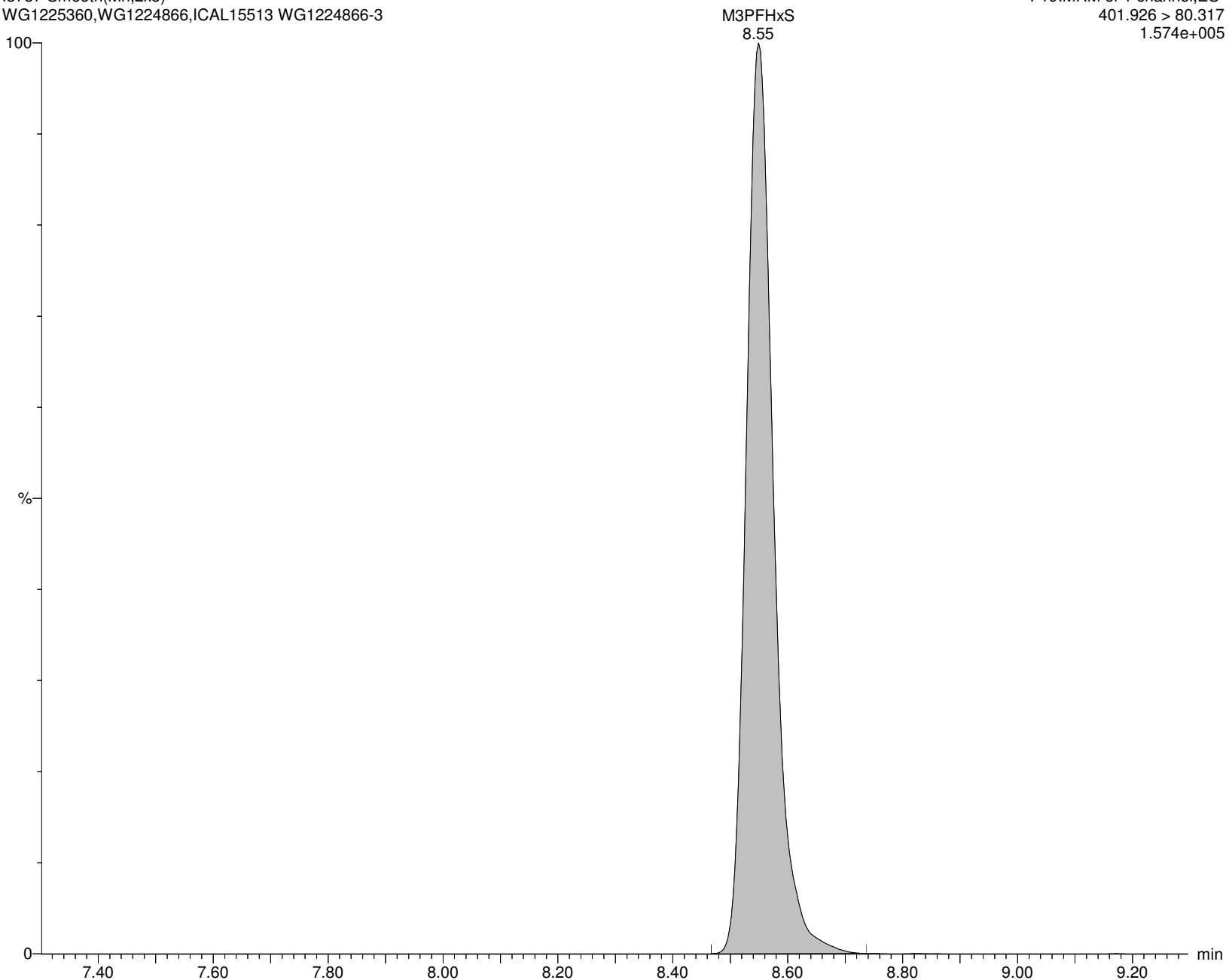
I3787 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F19:MRM of 1 channel,ES-

401.926 > 80.317

1.574e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOA

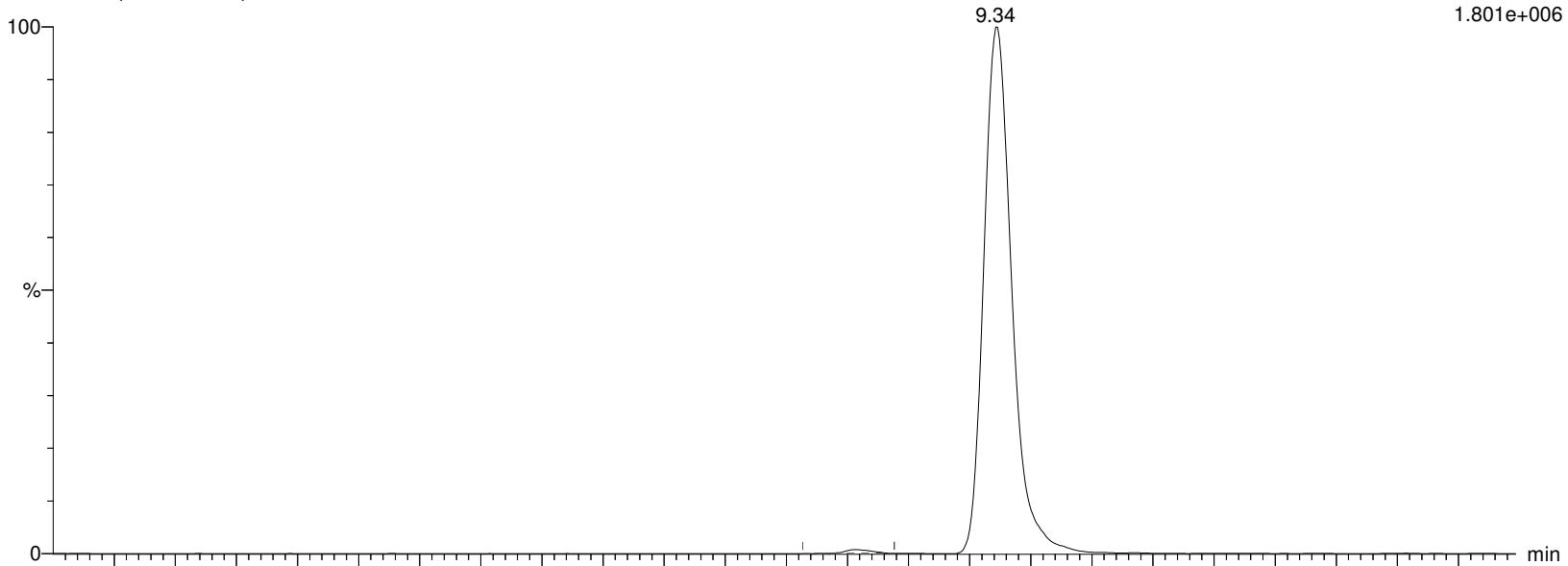
I3787 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-3

F20:MRM of 2 channels, ES-

412.989 > 368.9

1.801e+006



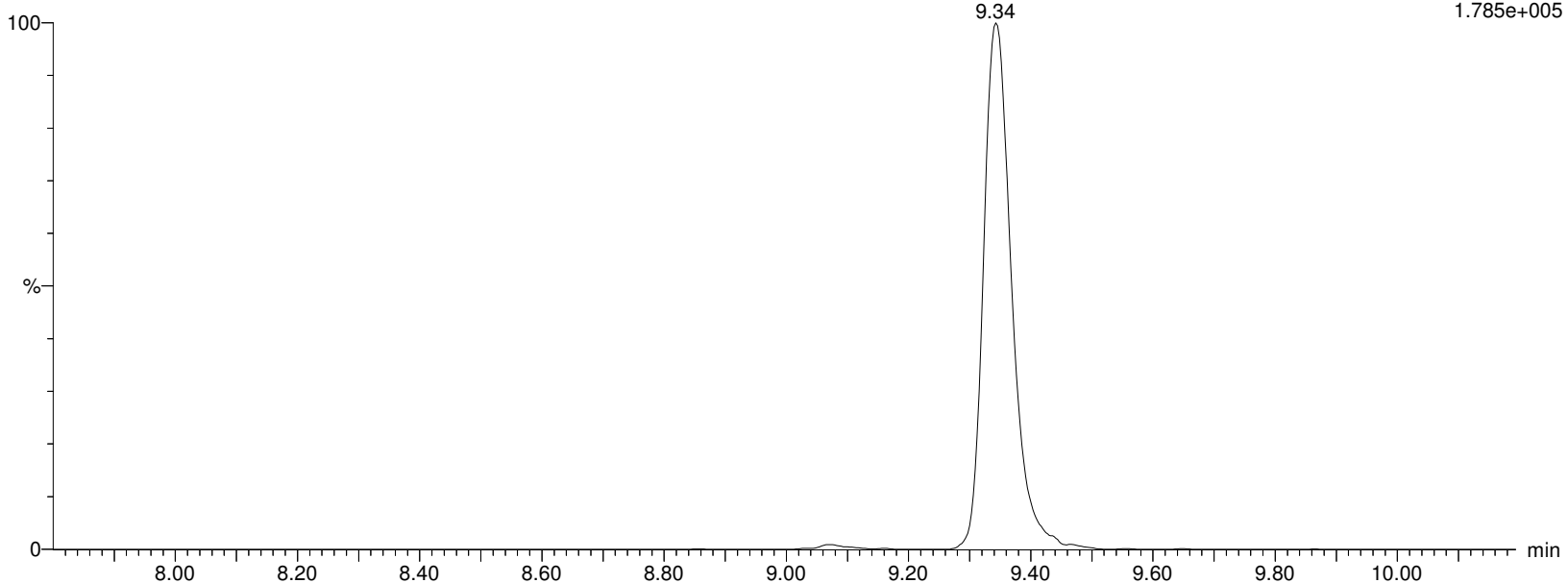
I3787 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-3

F20:MRM of 2 channels, ES-

412.989 > 219.08

1.785e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOA

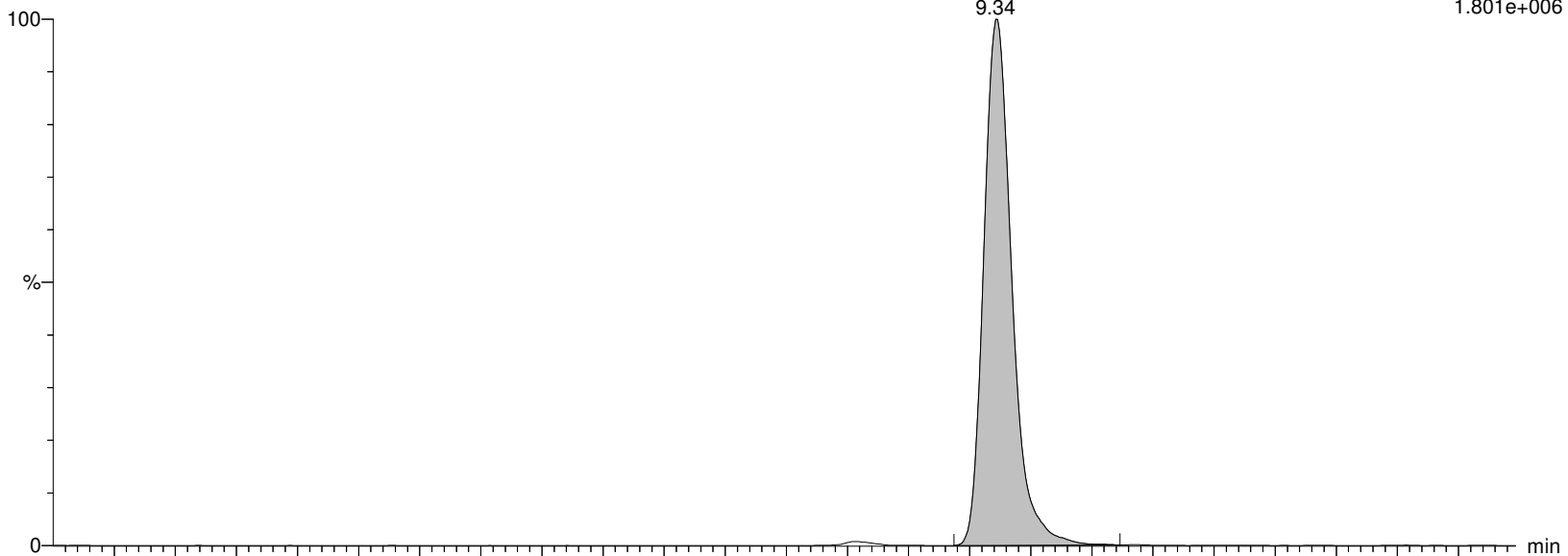
I3787 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-3

F20:MRM of 2 channels, ES-

412.989 > 368.9

1.801e+006



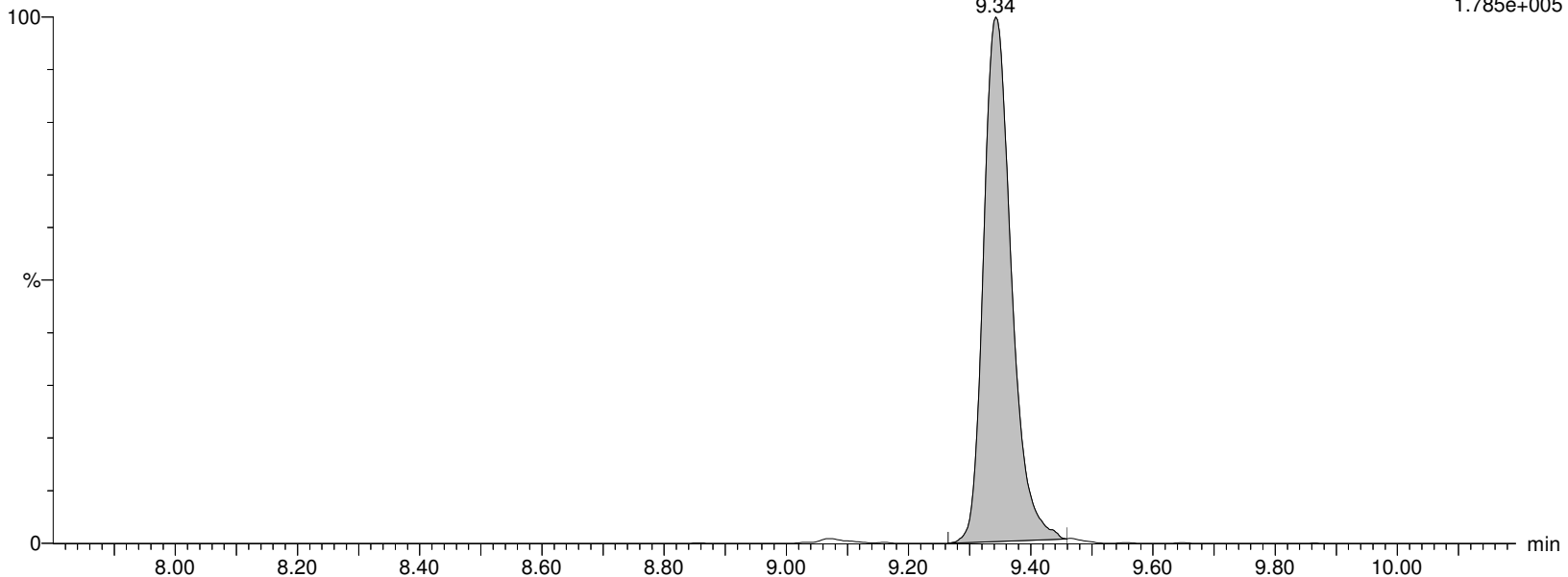
I3787 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-3

F20:MRM of 2 channels, ES-

412.989 > 219.08

1.785e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFOA

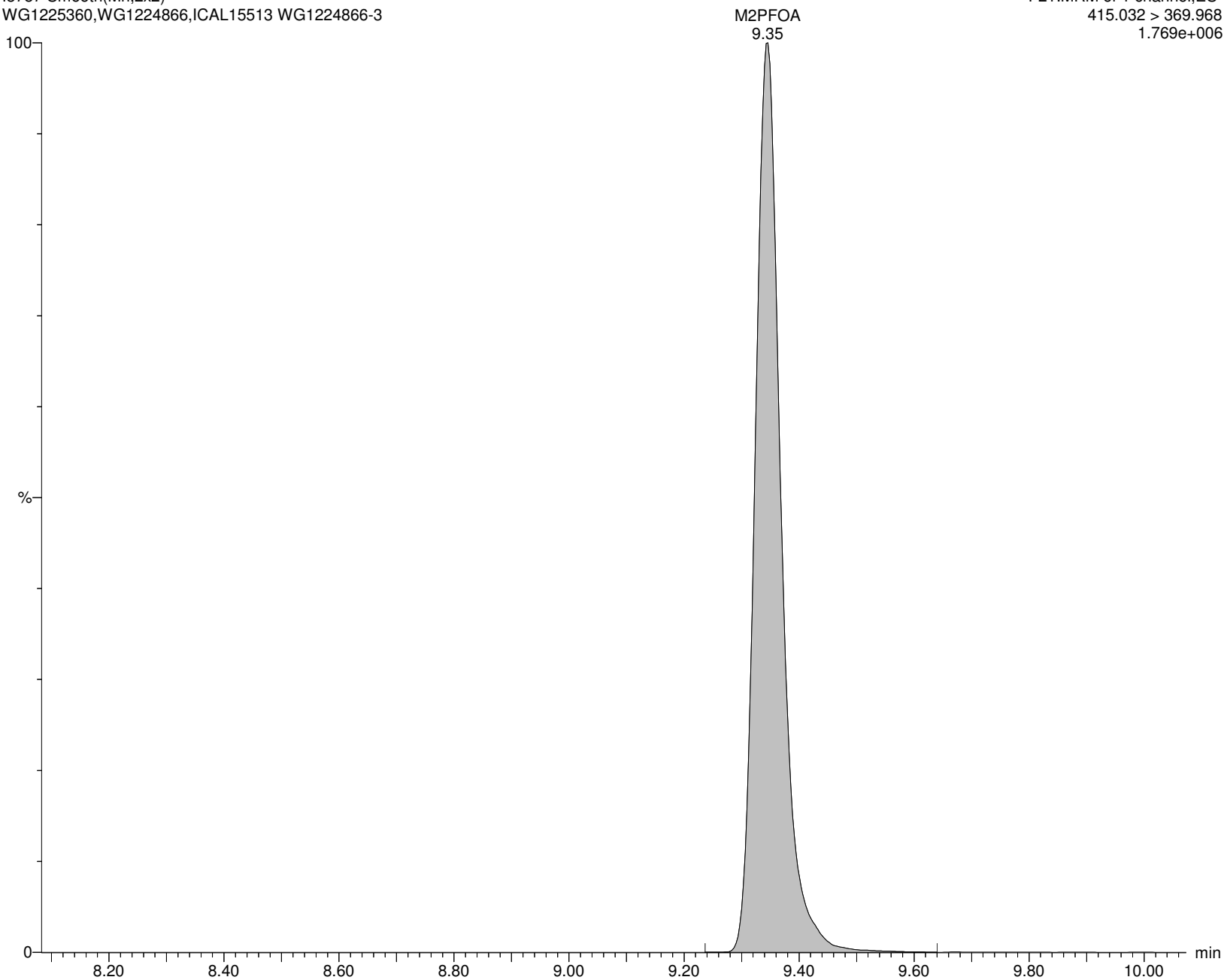
I3787 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F21:MRM of 1 channel,ES-

415.032 > 369.968

1.769e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOA

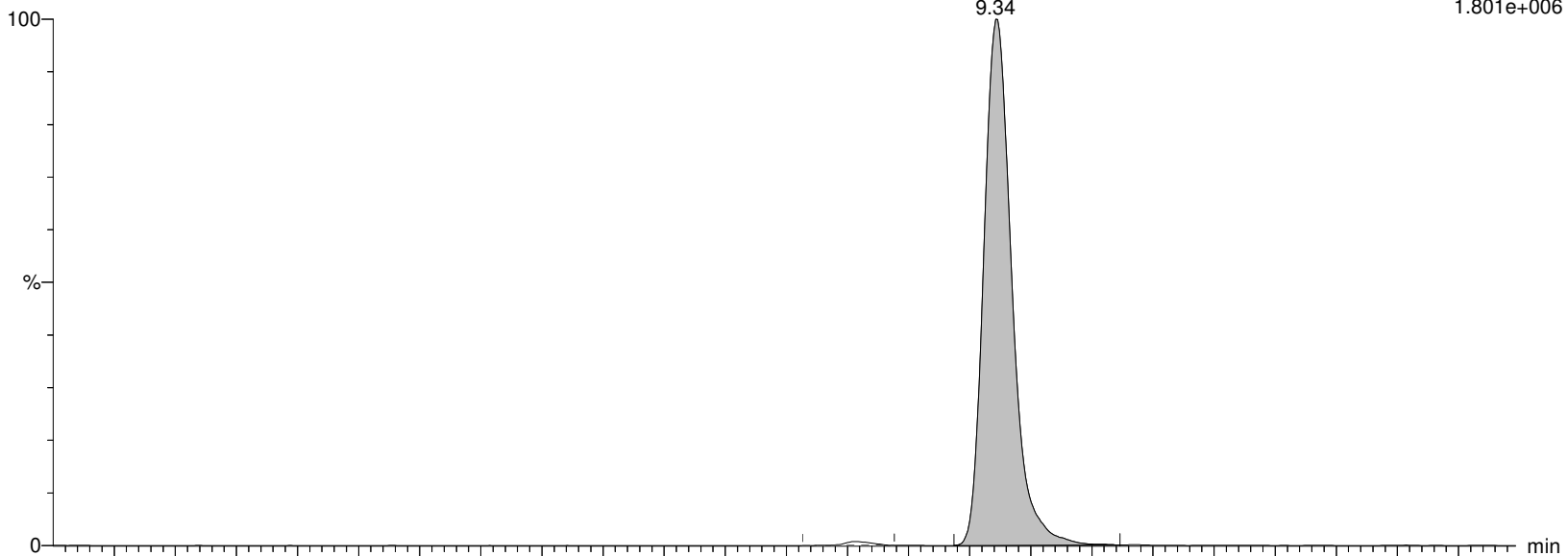
I3787 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-3

F20:MRM of 2 channels, ES-

412.989 > 368.9

1.801e+006



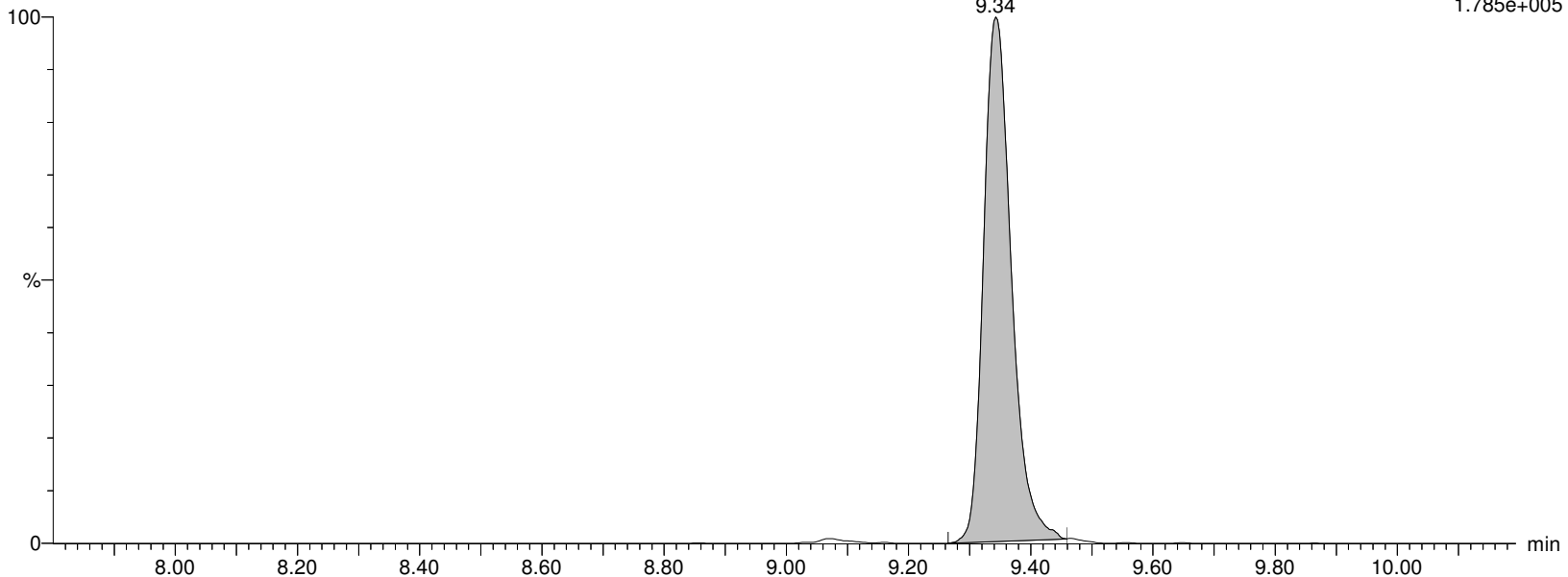
I3787 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-3

F20:MRM of 2 channels, ES-

412.989 > 219.08

1.785e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOA

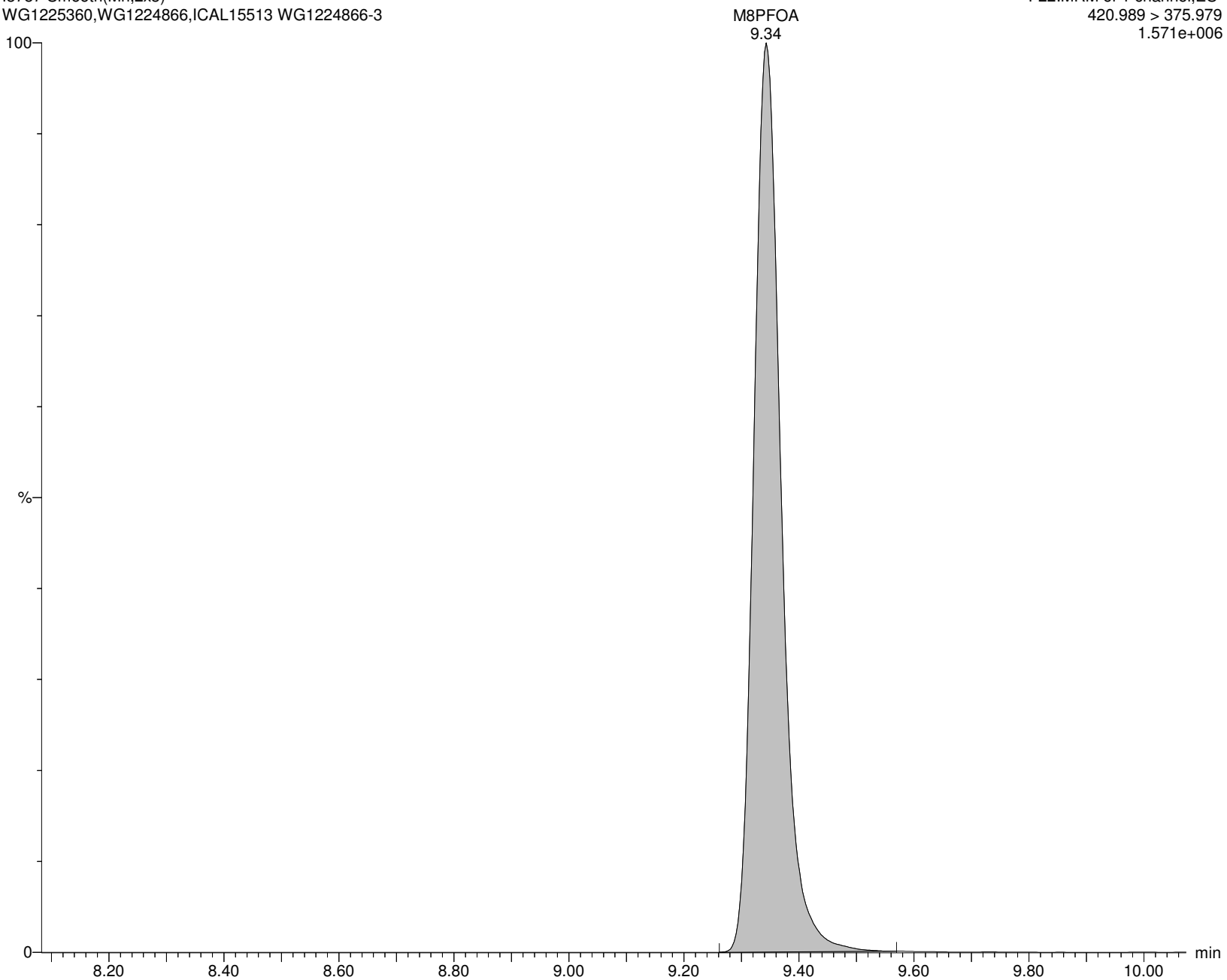
I3787 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F22:MRM of 1 channel,ES-

420.989 > 375.979

1.571e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

6:2FTS

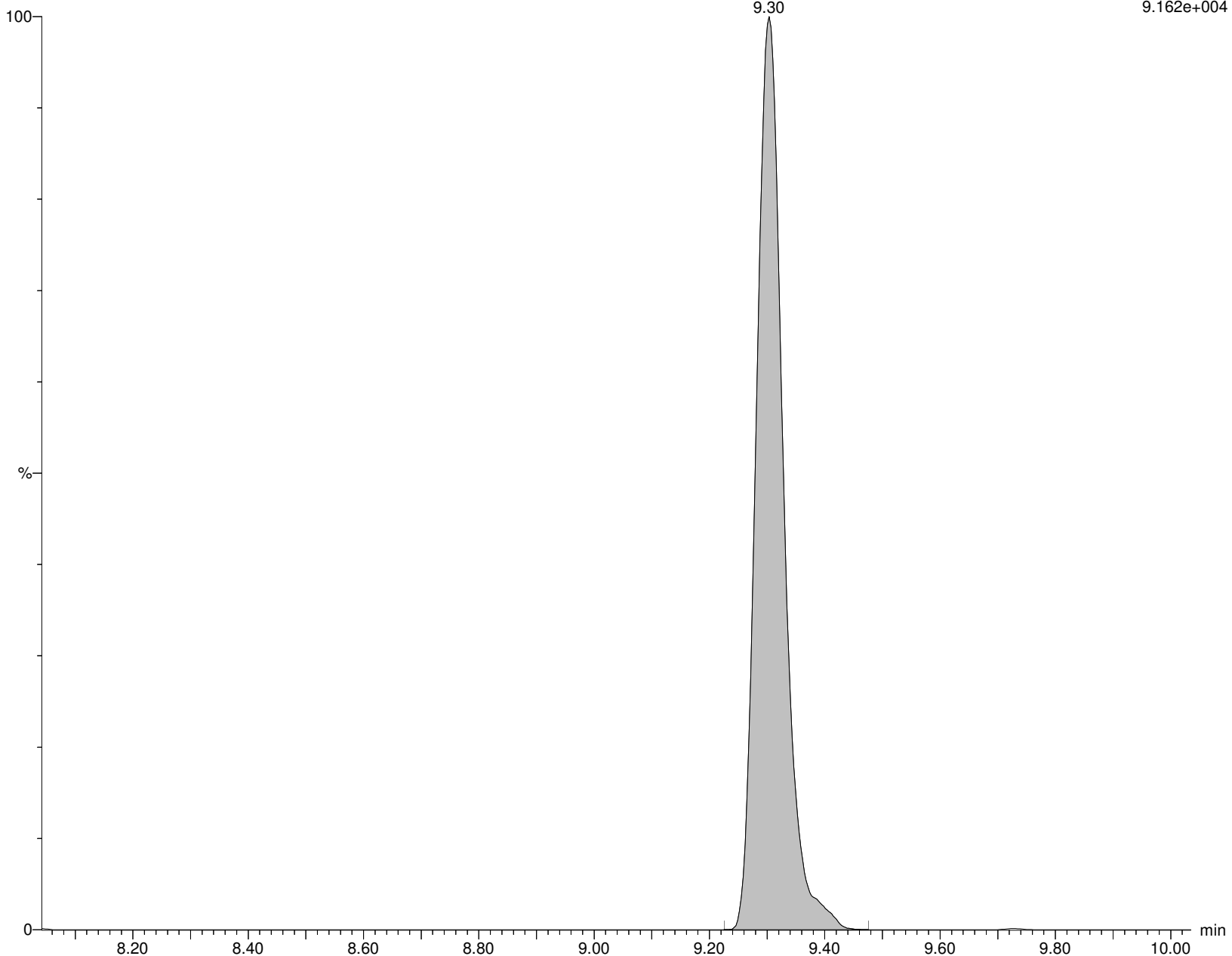
I3787 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F23:MRM of 2 channels,ES-

426.989 > 406.921

9.162e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-6:2FTS

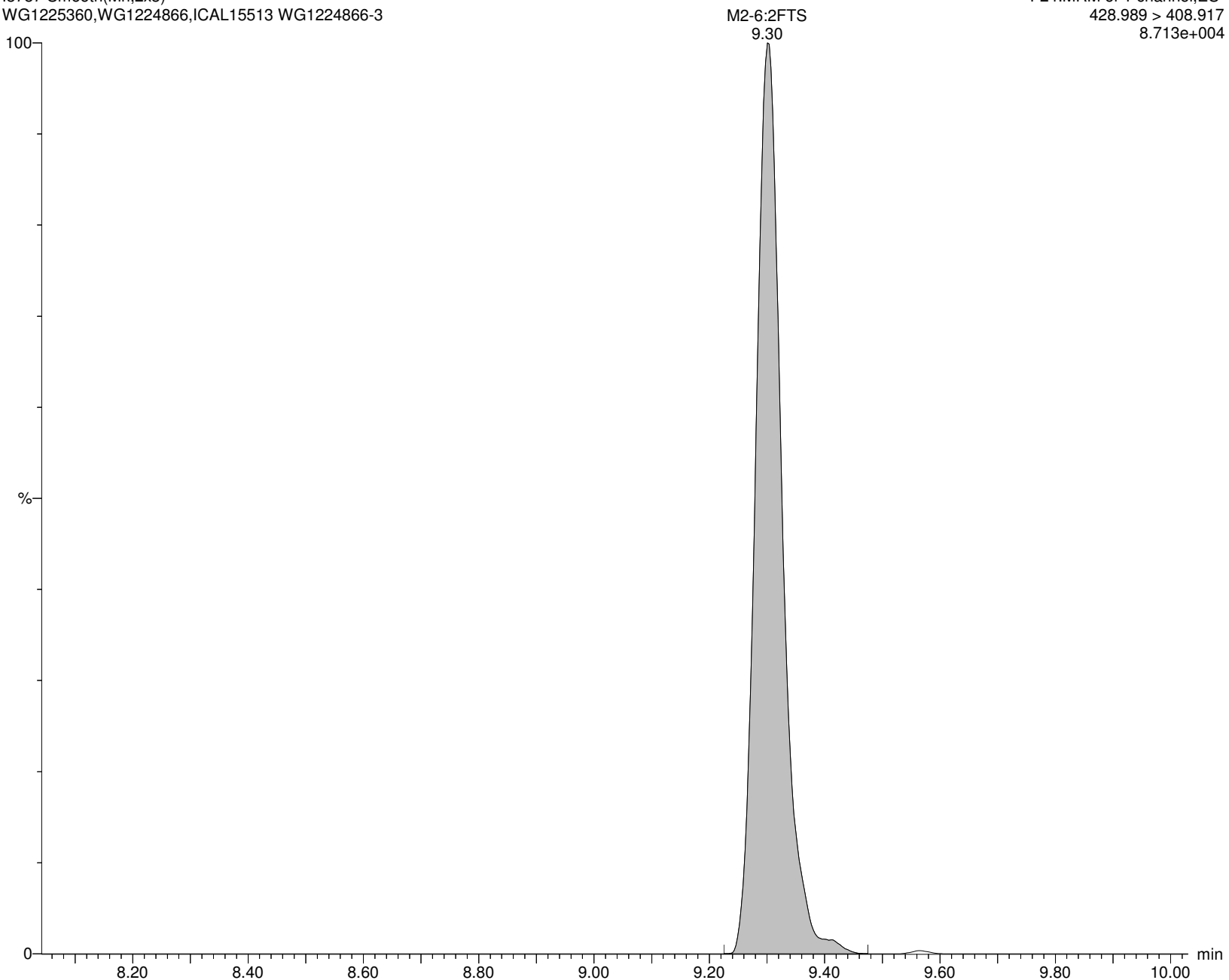
I3787 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F24:MRM of 1 channel,ES-

428.989 > 408.917

8.713e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpS

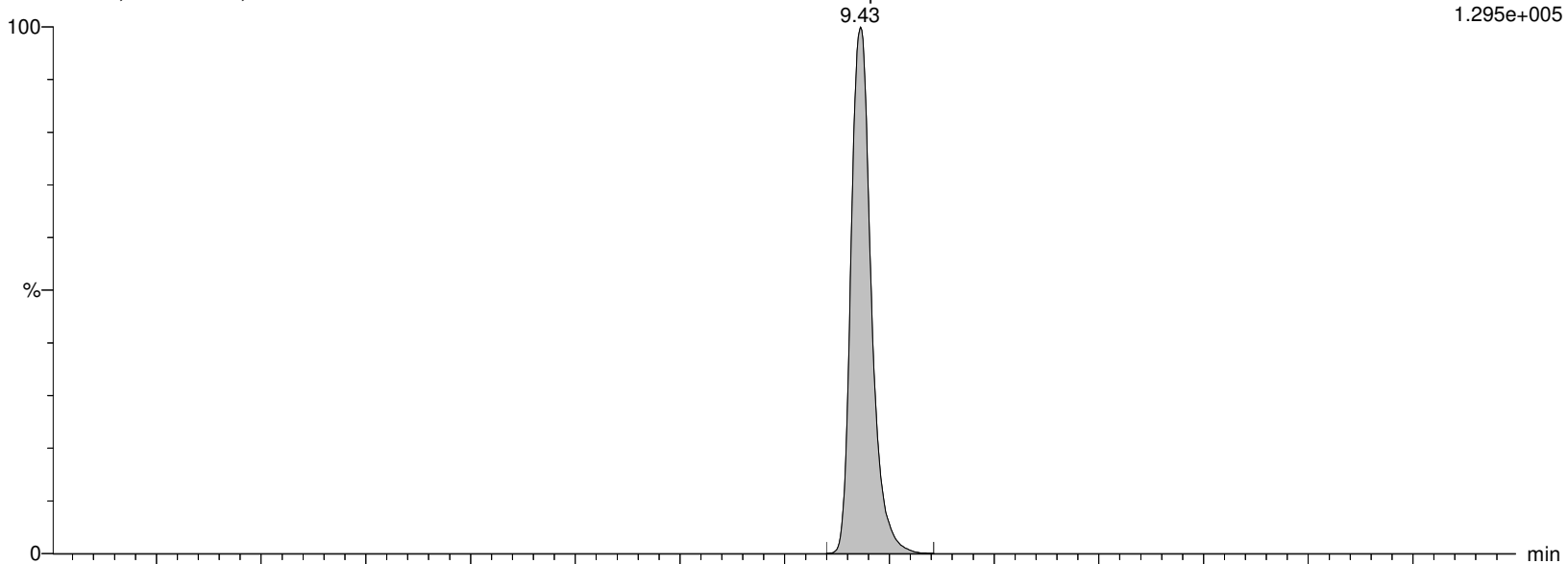
I3787 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F25:MRM of 2 channels,ES-

448.926 > 80.257

1.295e+005



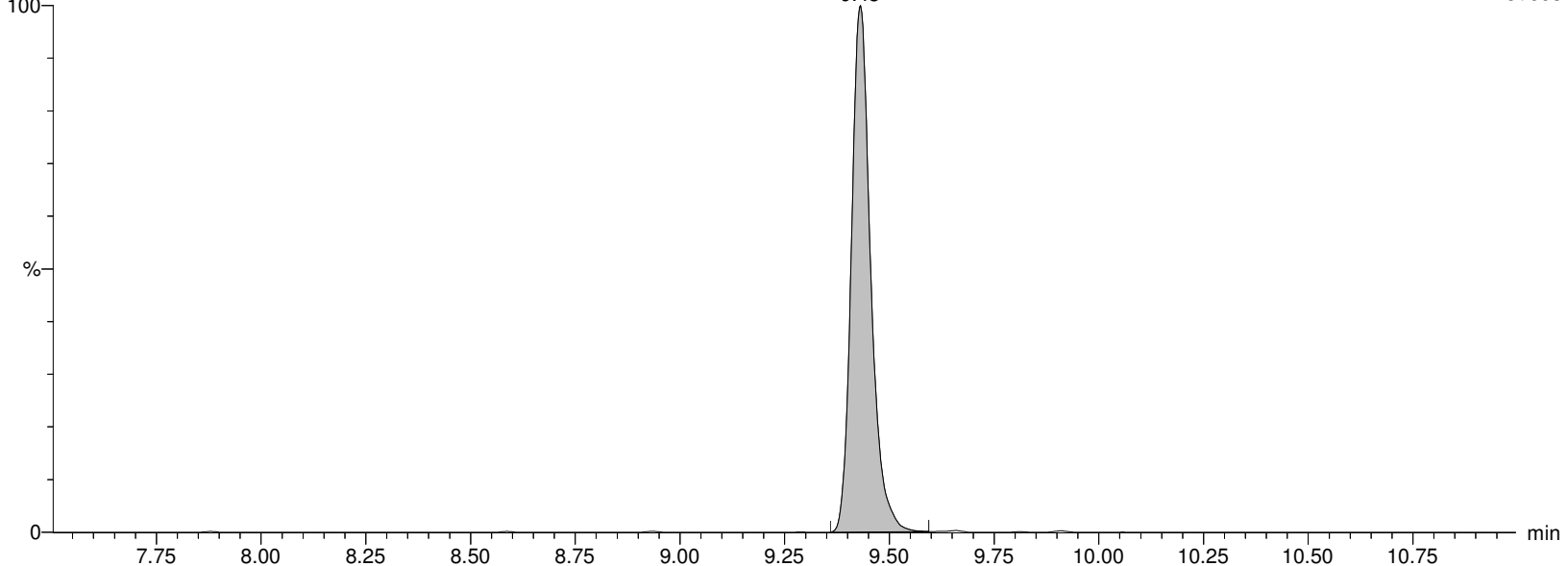
I3787 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F25:MRM of 2 channels,ES-

448.926 > 99.22

1.441e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNA

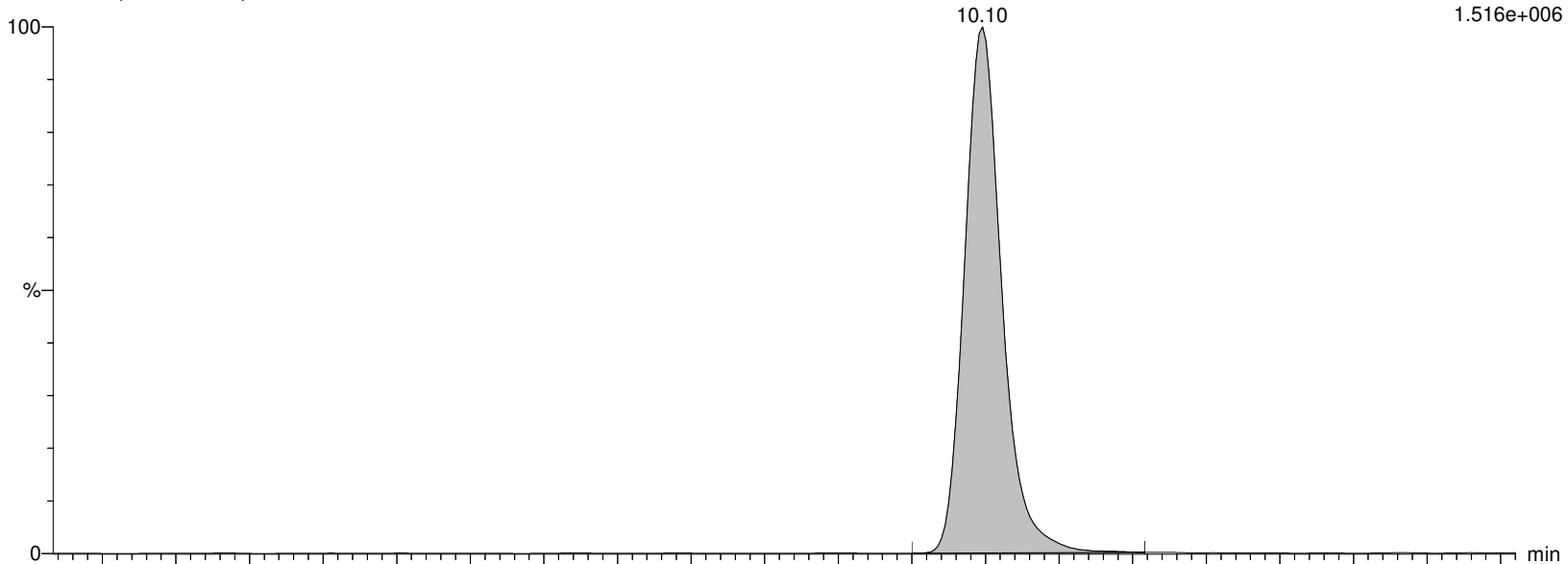
I3787 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F26:MRM of 2 channels,ES-

462.989 > 418.931

1.516e+006



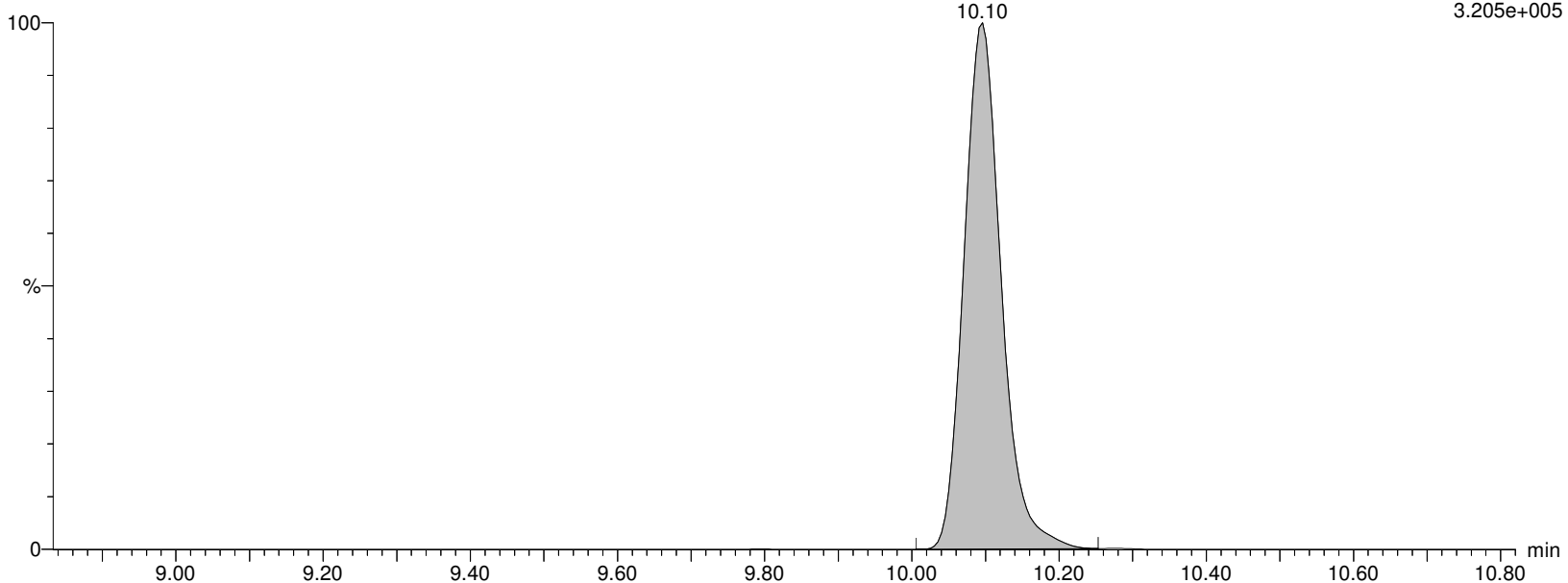
I3787 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F26:MRM of 2 channels,ES-

462.989 > 219.04

3.205e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787**ID: WG1224866-3****Date: 11-Apr-2019****Time: 13:47:15****Description: WG1225360,WG1224866,ICAL15513****User: LCMS02:JW****Vial: 1:B,6****Instrument: XEVO-TQSmicro#QEB0050****Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B****Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR****MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP****M9PFNA**

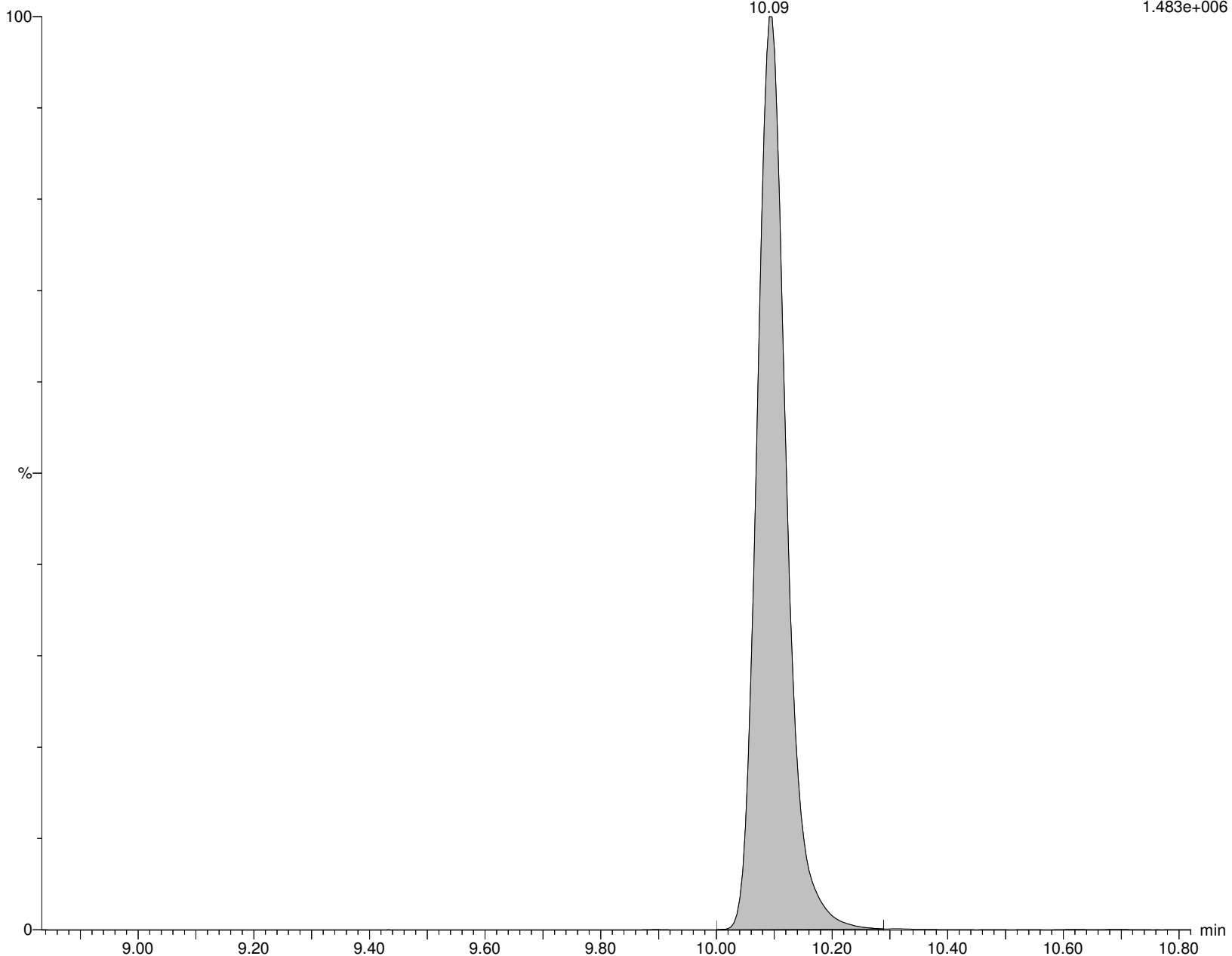
I3787 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F27:MRM of 1 channel,ES-

472.053 > 426.947

1.483e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOS

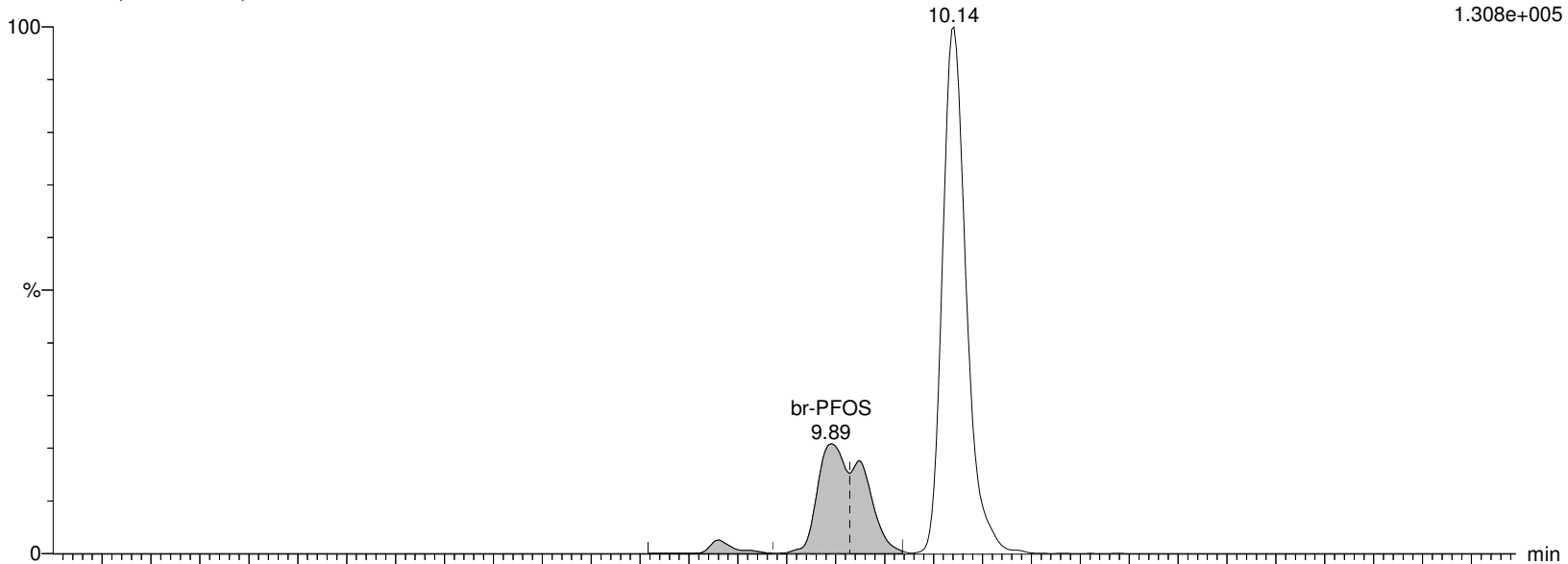
I3787 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F29:MRM of 2 channels,ES-

498.989 > 80.294

1.308e+005



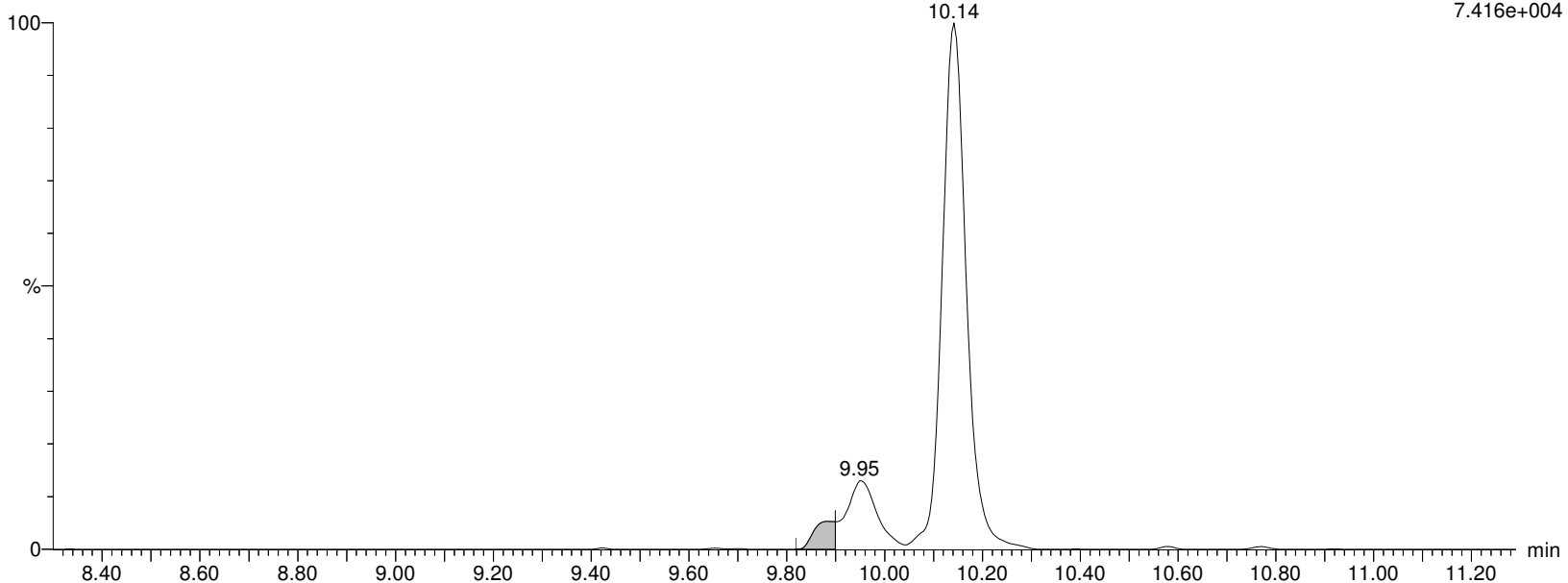
I3787 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F29:MRM of 2 channels,ES-

498.989 > 99.27

7.416e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOS

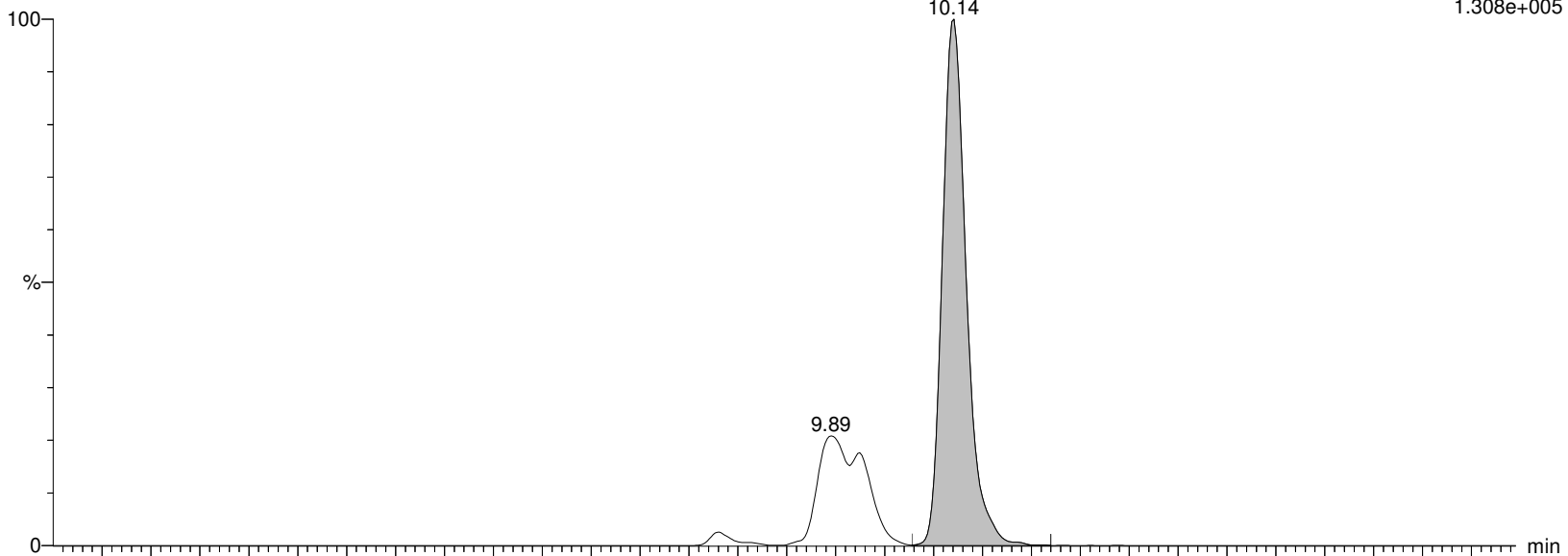
I3787 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F29:MRM of 2 channels,ES-

498.989 > 80.294

1.308e+005



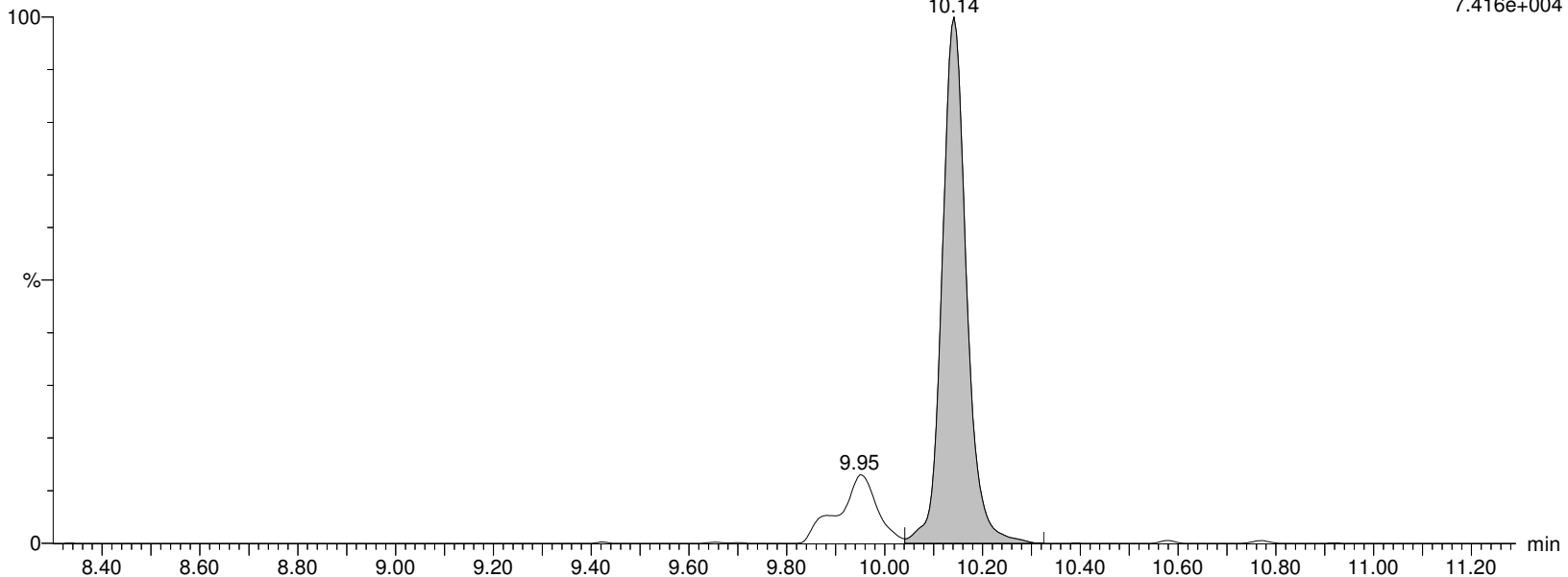
I3787 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F29:MRM of 2 channels,ES-

498.989 > 99.27

7.416e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOS

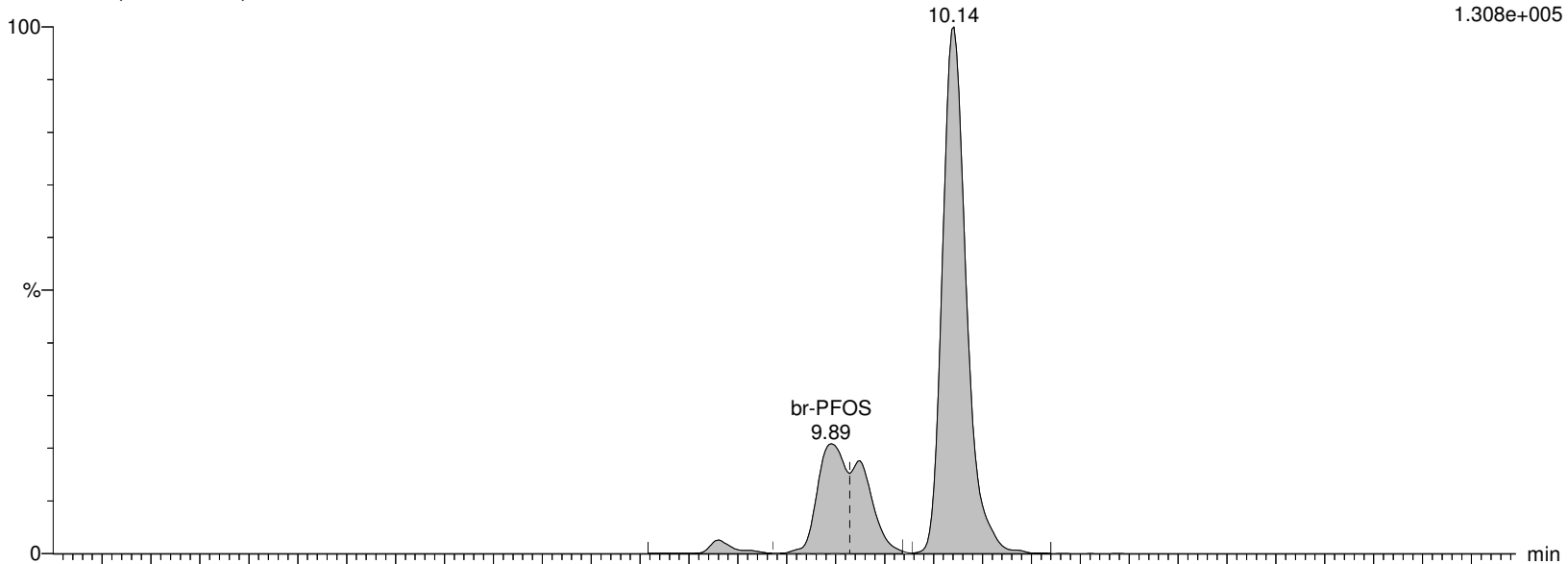
I3787 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F29:MRM of 2 channels,ES-

498.989 > 80.294

1.308e+005



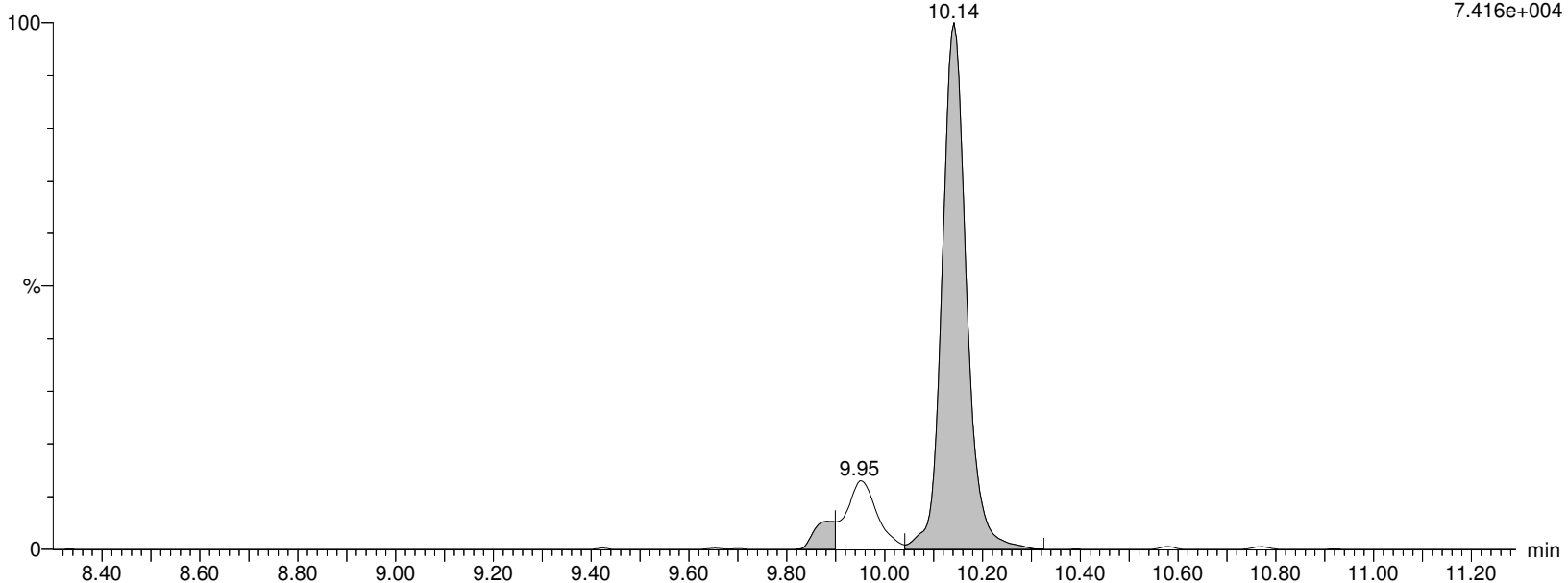
I3787 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F29:MRM of 2 channels,ES-

498.989 > 99.27

7.416e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFOS

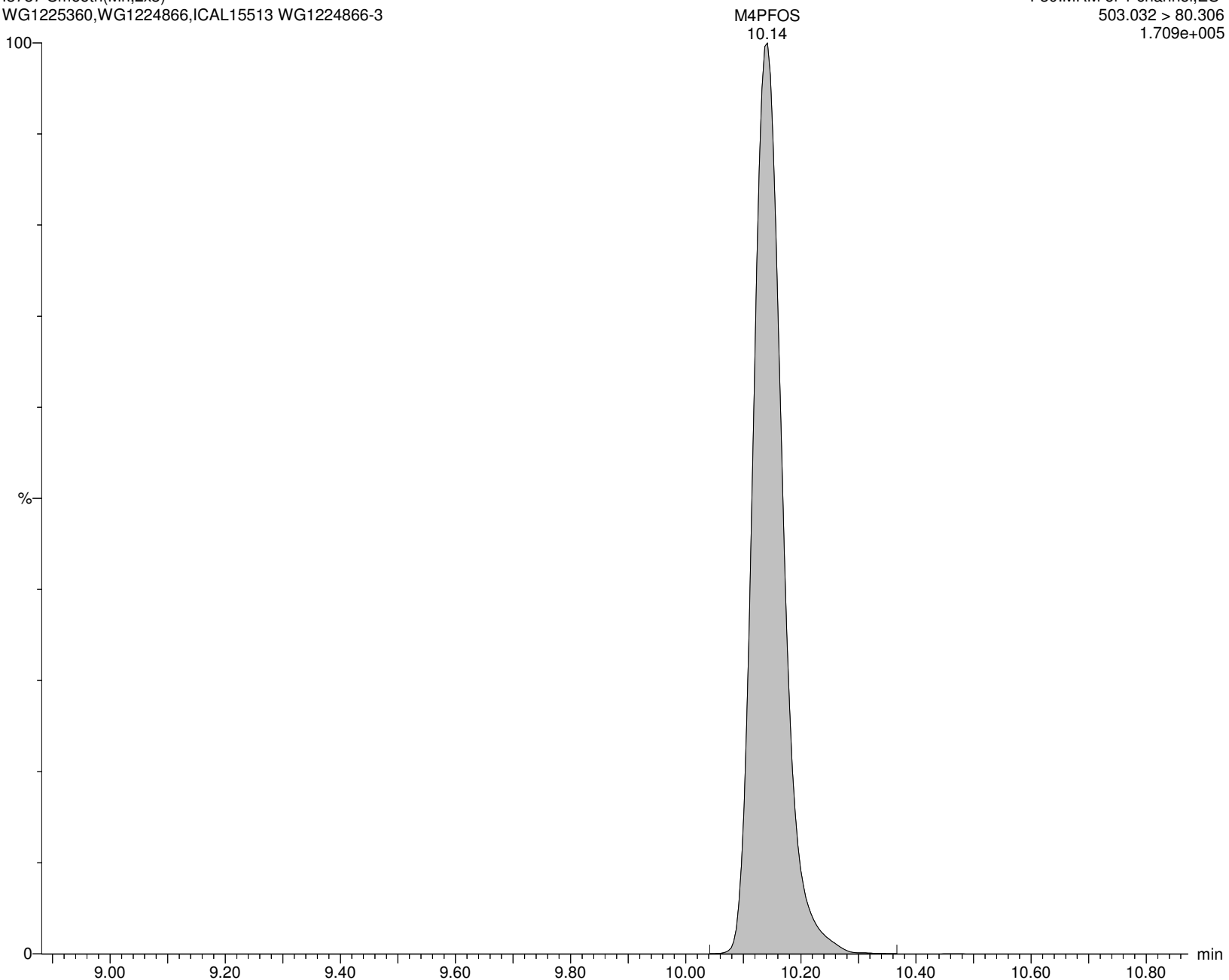
I3787 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F30:MRM of 1 channel,ES-

503.032 > 80.306

1.709e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOS

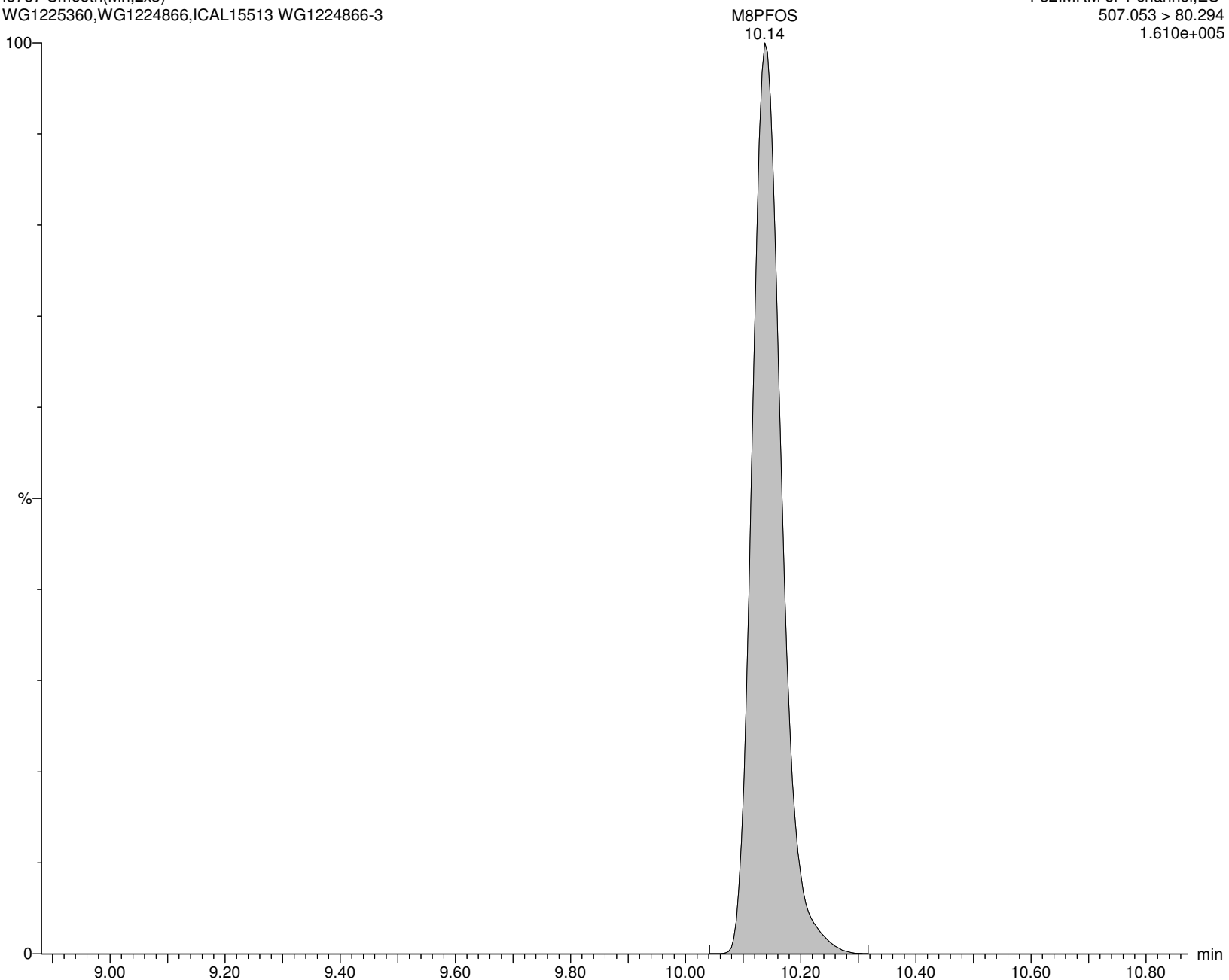
I3787 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F32:MRM of 1 channel,ES-

507.053 > 80.294

1.610e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDA

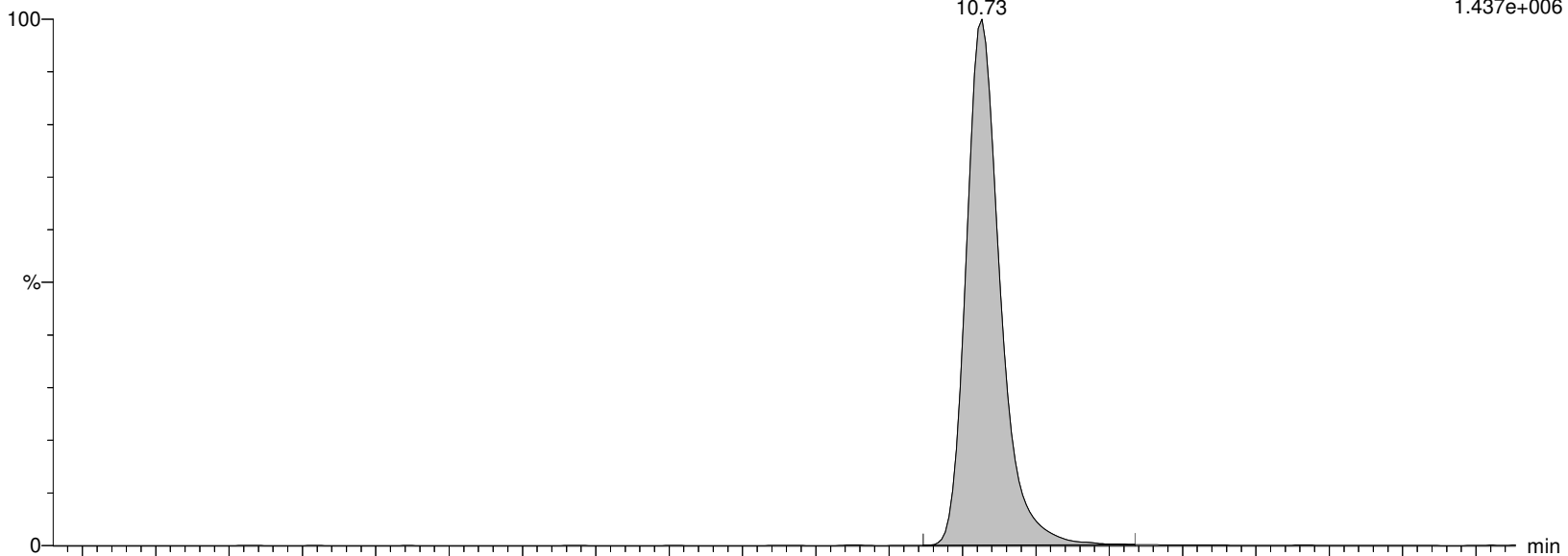
I3787 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F33:MRM of 2 channels,ES-

513.053 > 468.906

1.437e+006



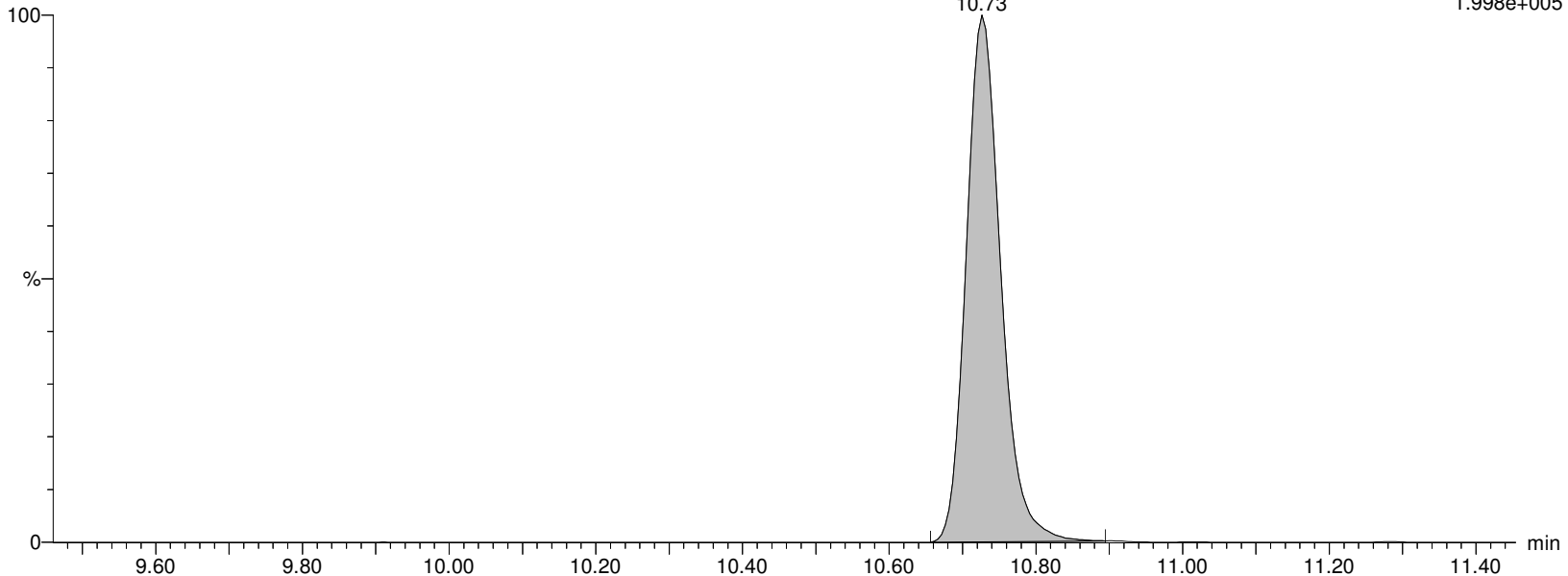
I3787 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F33:MRM of 2 channels,ES-

513.053 > 219.08

1.998e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFDA

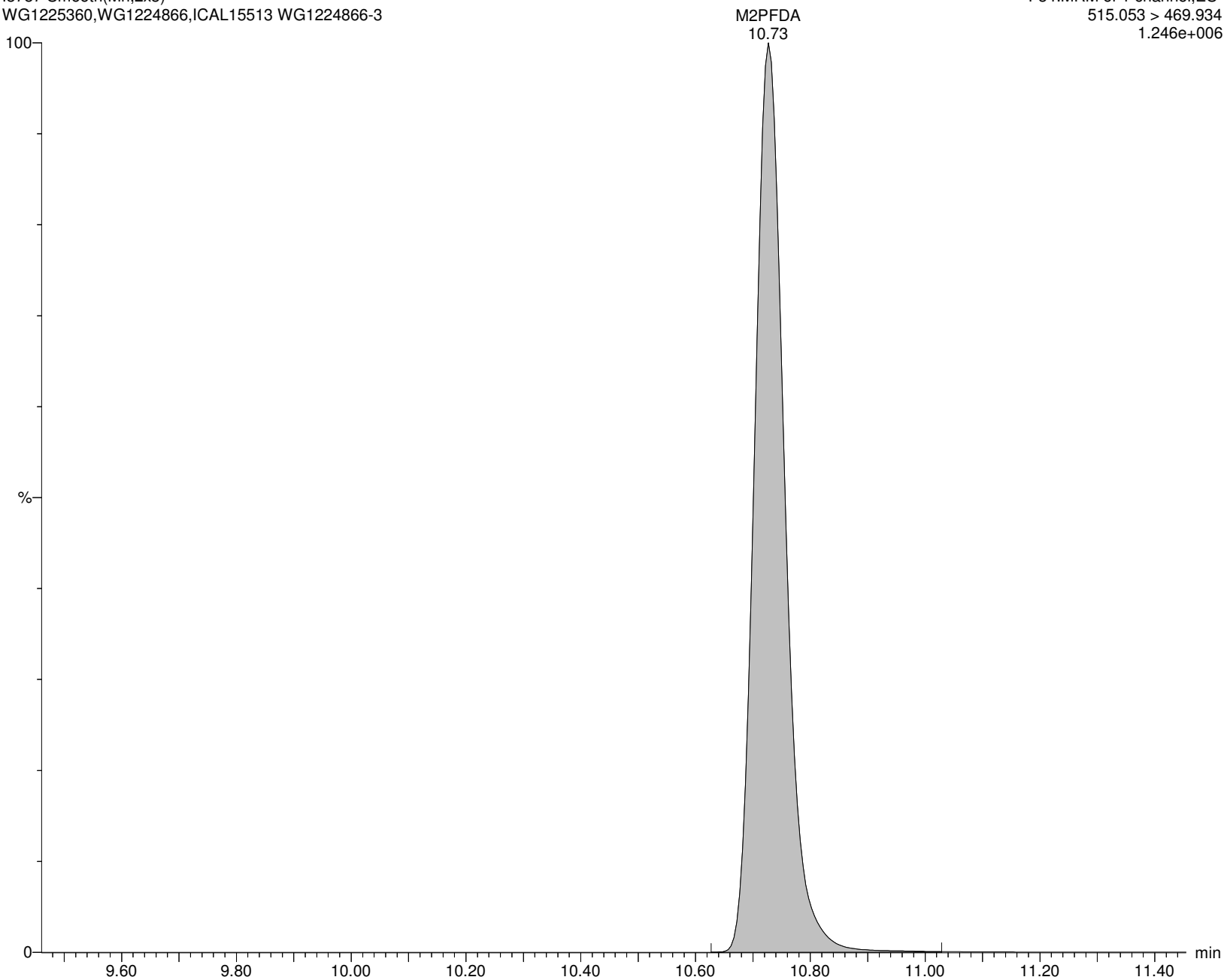
I3787 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F34:MRM of 1 channel,ES-

515.053 > 469.934

1.246e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M6PFDA

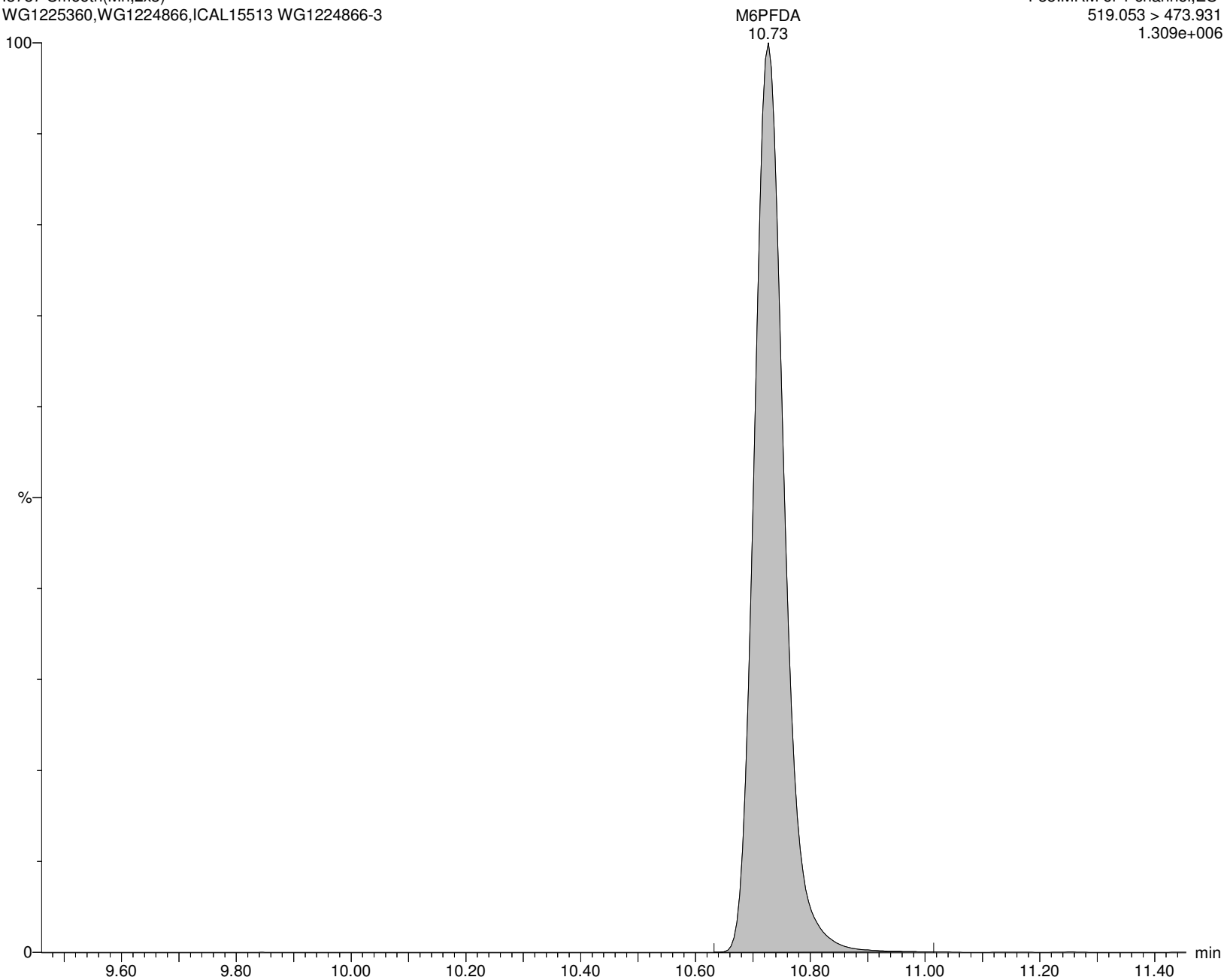
I3787 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F35:MRM of 1 channel,ES-

519.053 > 473.931

1.309e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

8:2FTS

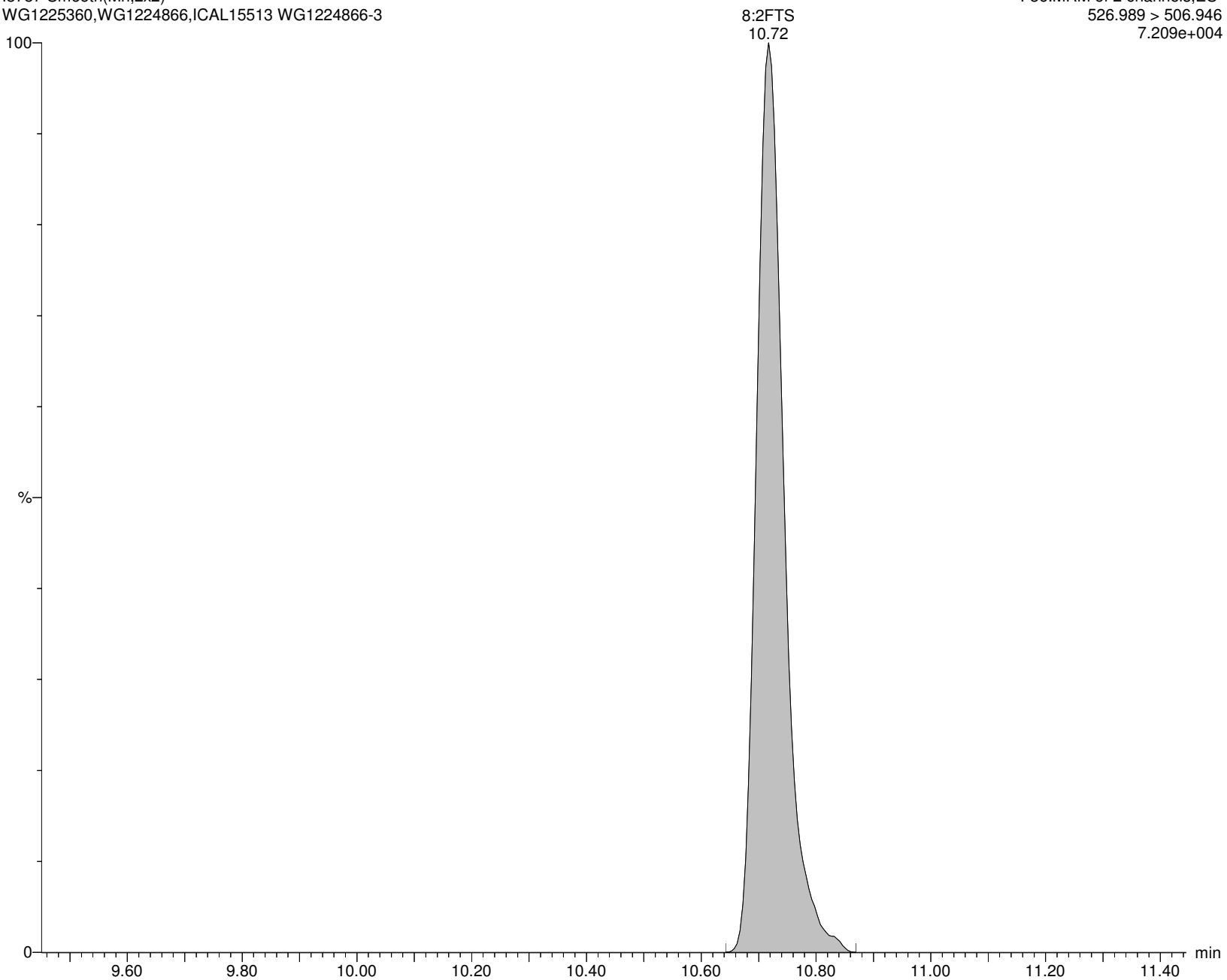
I3787 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F36:MRM of 2 channels,ES-

526.989 > 506.946

7.209e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-8:2FTS

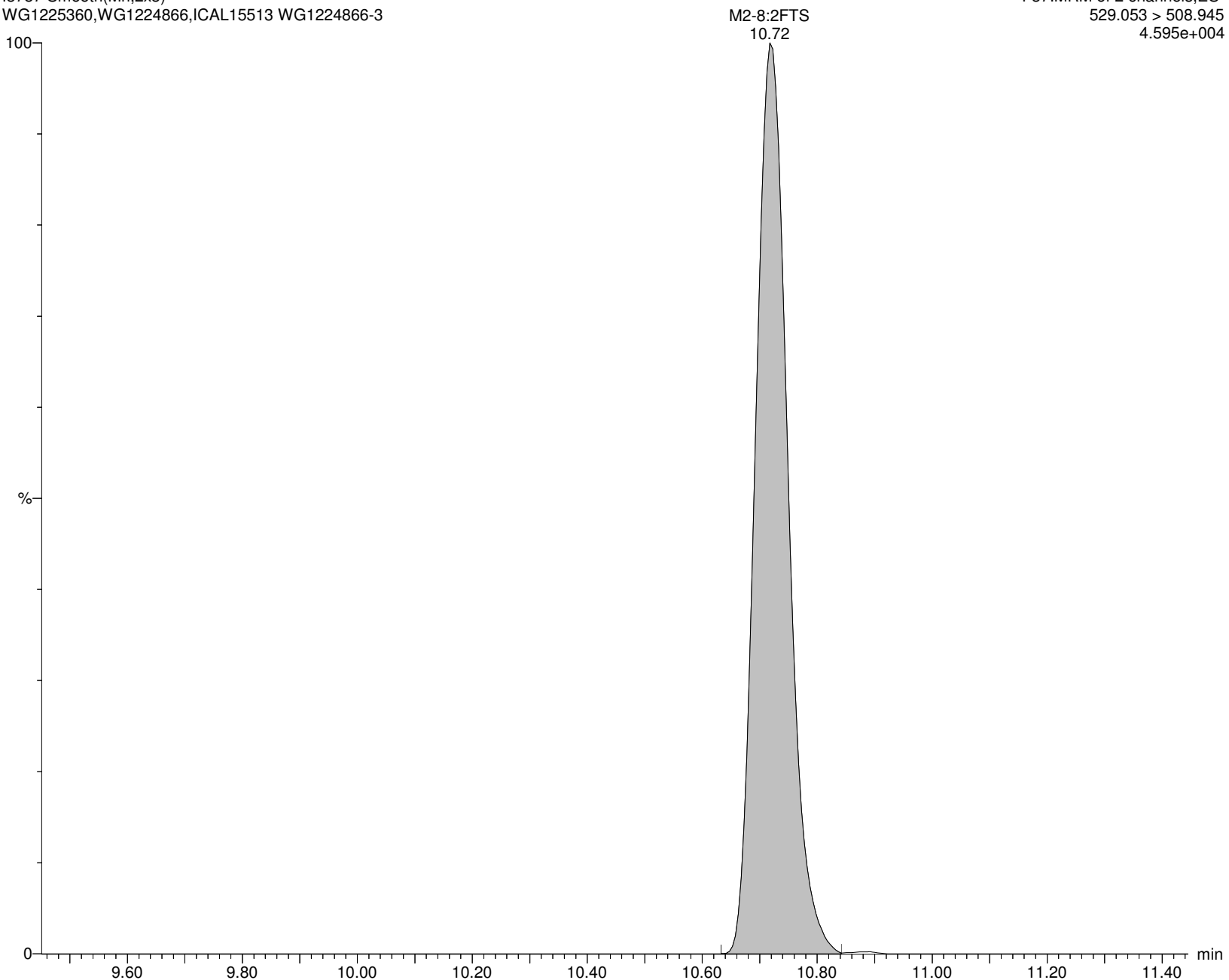
I3787 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F37:MRM of 2 channels,ES-

529.053 > 508.945

4.595e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNS

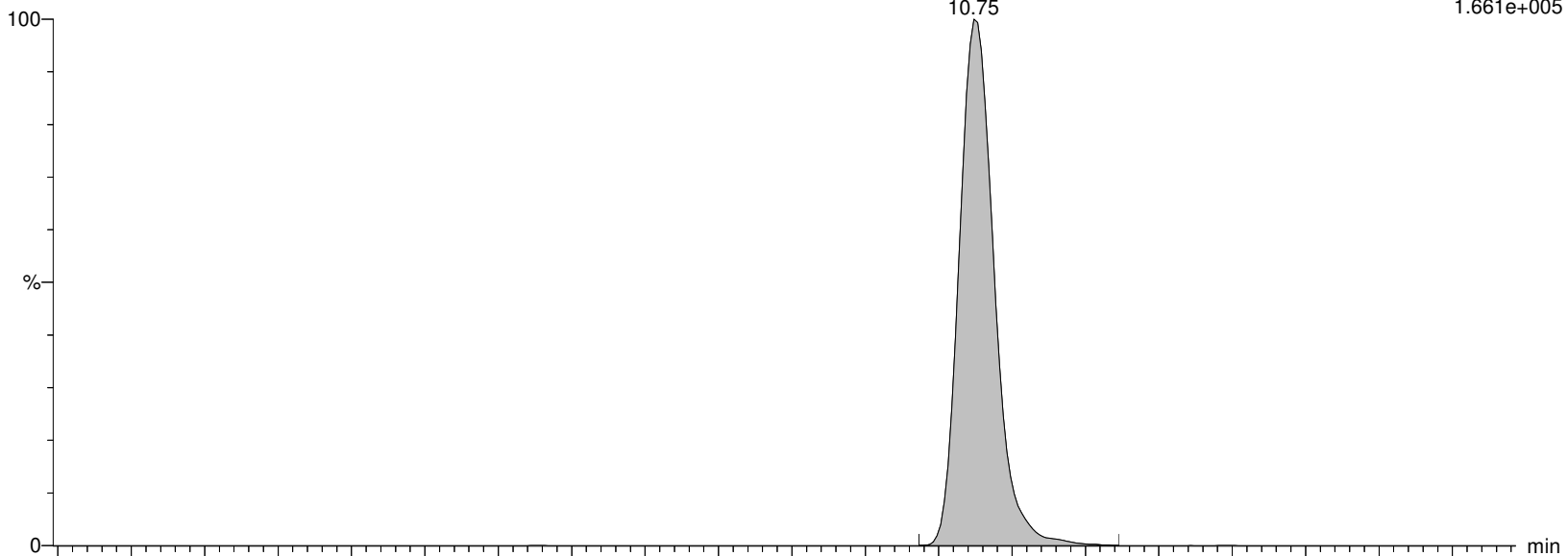
I3787 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F39:MRM of 2 channels,ES-

548.989 > 80.249

1.661e+005



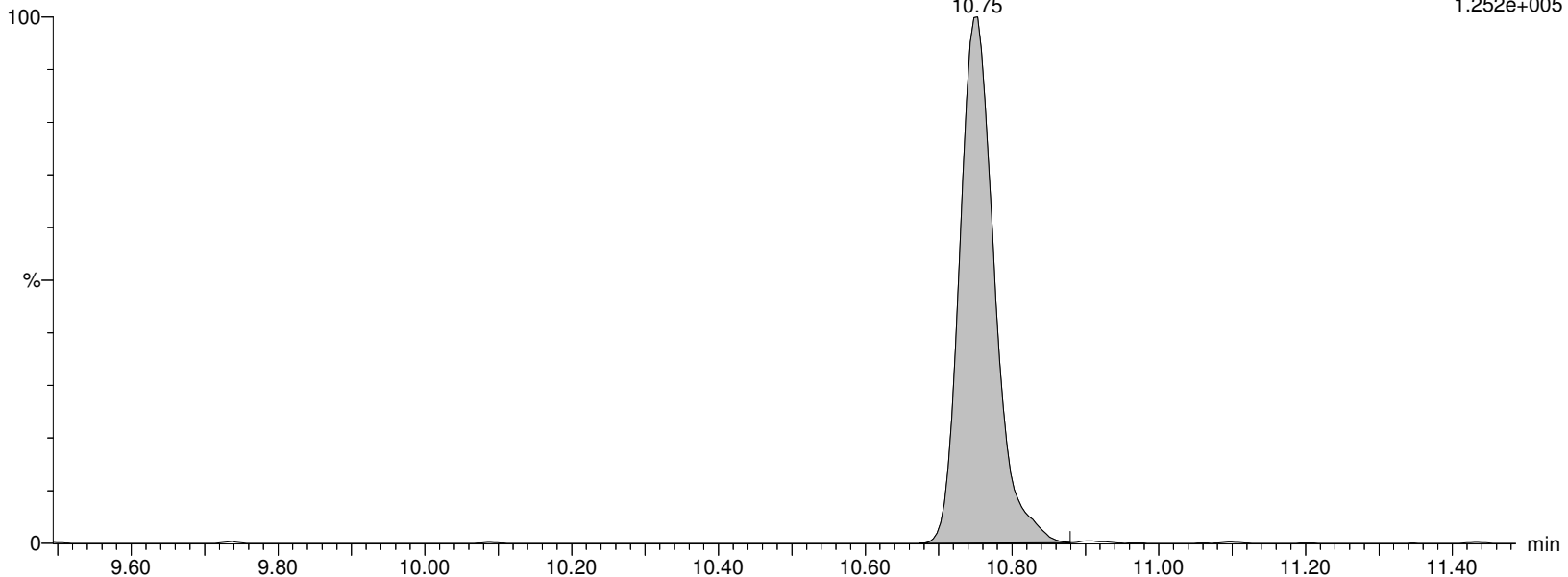
I3787 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F39:MRM of 2 channels,ES-

548.989 > 99.22

1.252e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d3-NMeFOSAA

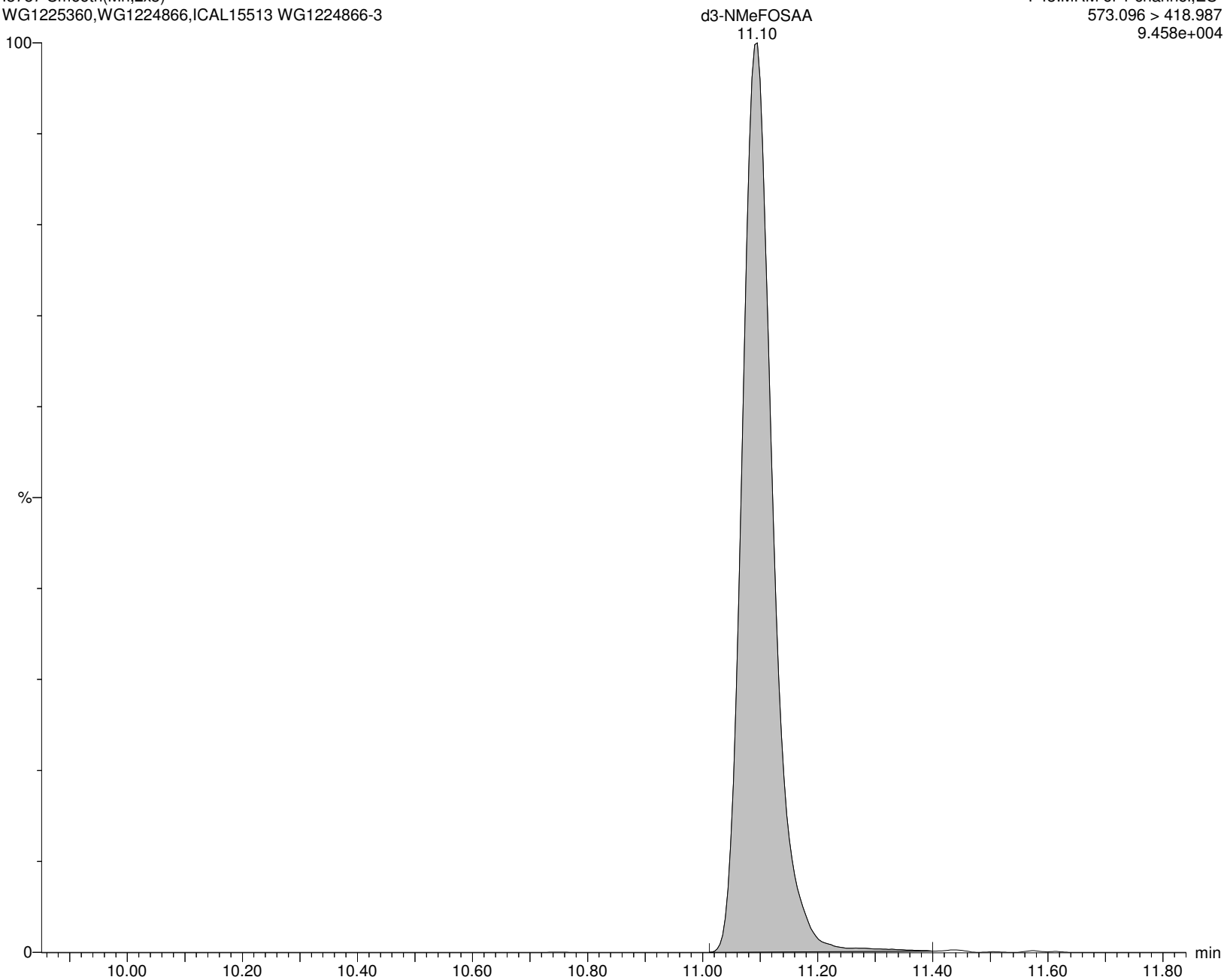
I3787 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F43:MRM of 1 channel,ES-

573.096 > 418.987

9.458e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NMeFOSAA

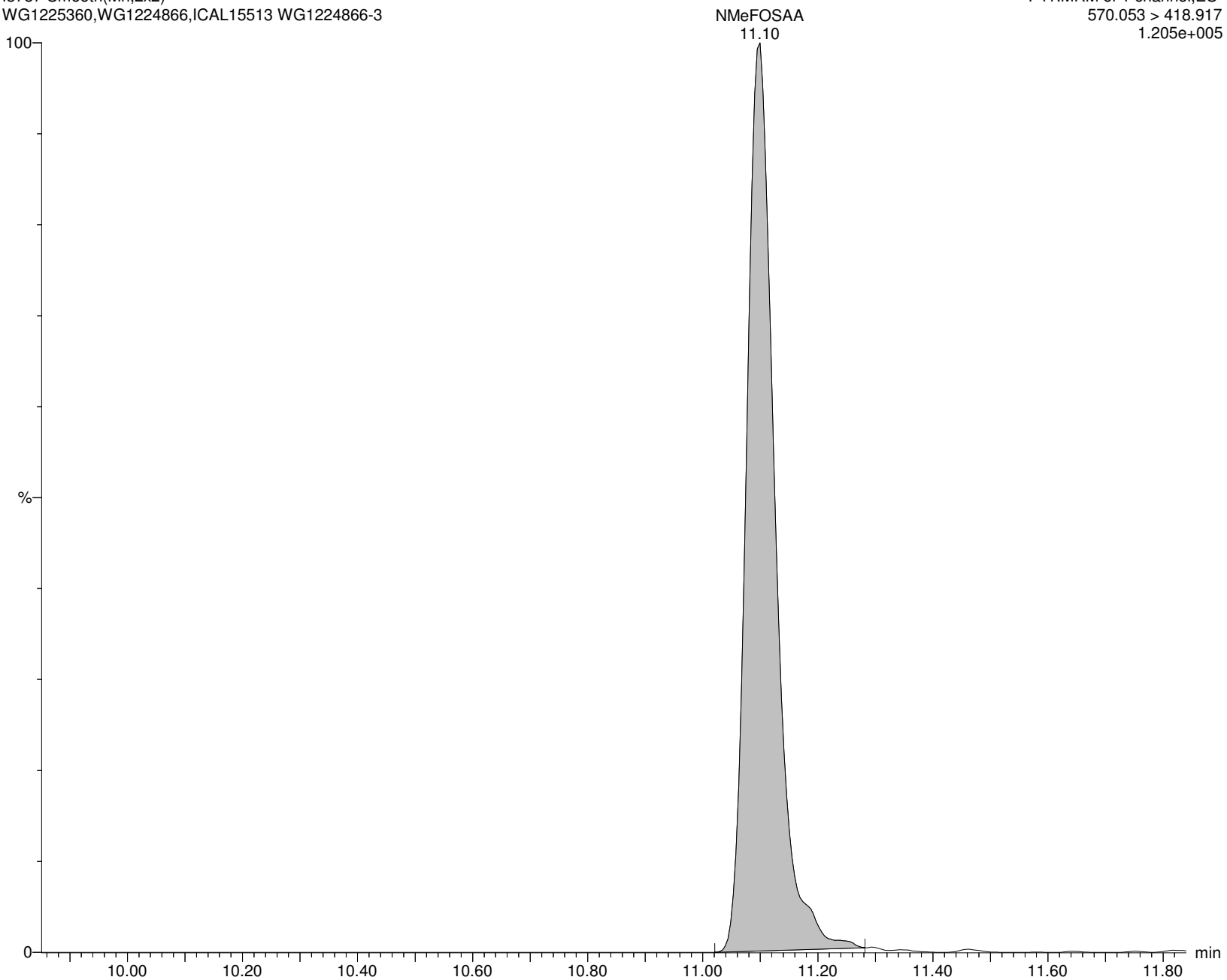
I3787 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F41:MRM of 1 channel,ES-

570.053 > 418.917

1.205e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFUnA

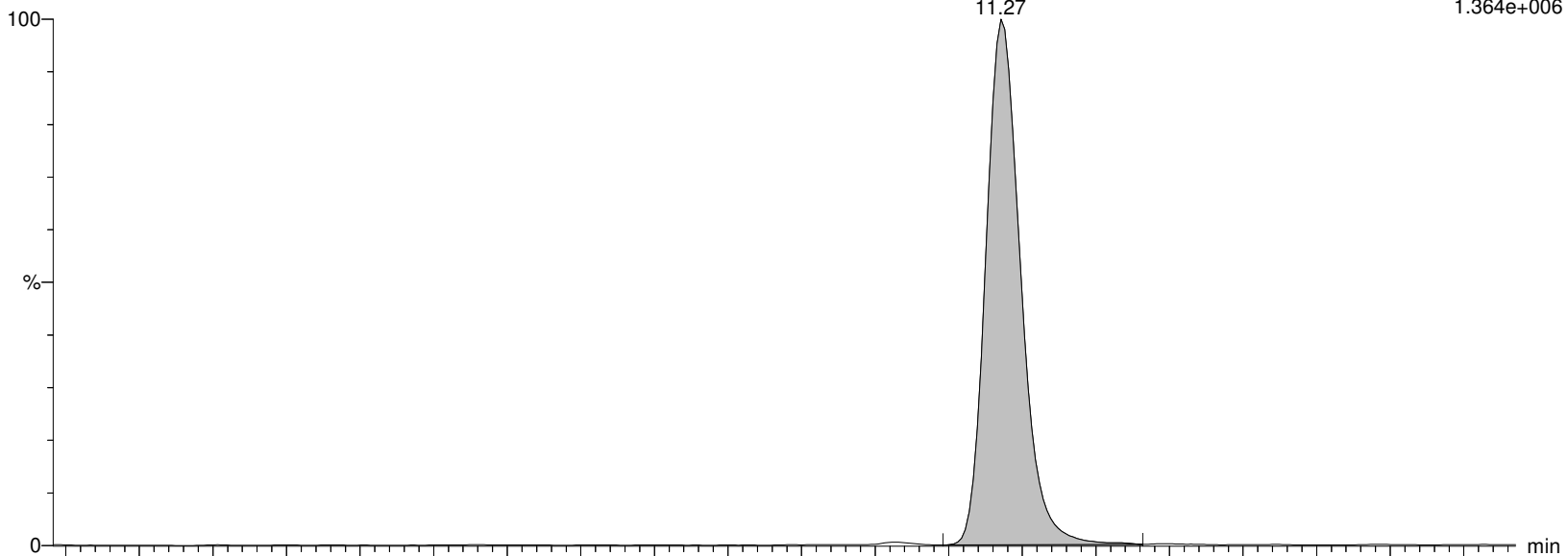
I3787 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F40:MRM of 2 channels,ES-

562.989 > 518.903

1.364e+006



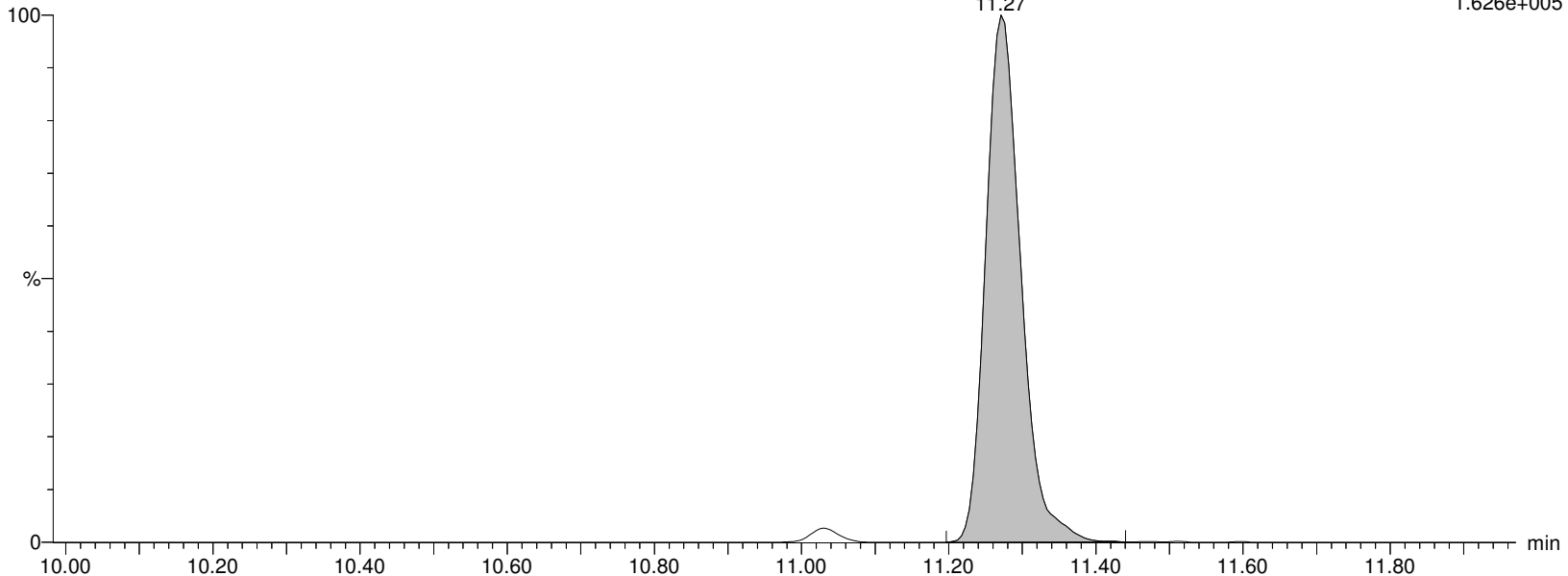
I3787 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F40:MRM of 2 channels,ES-

562.989 > 269.01

1.626e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M7-PFUDA

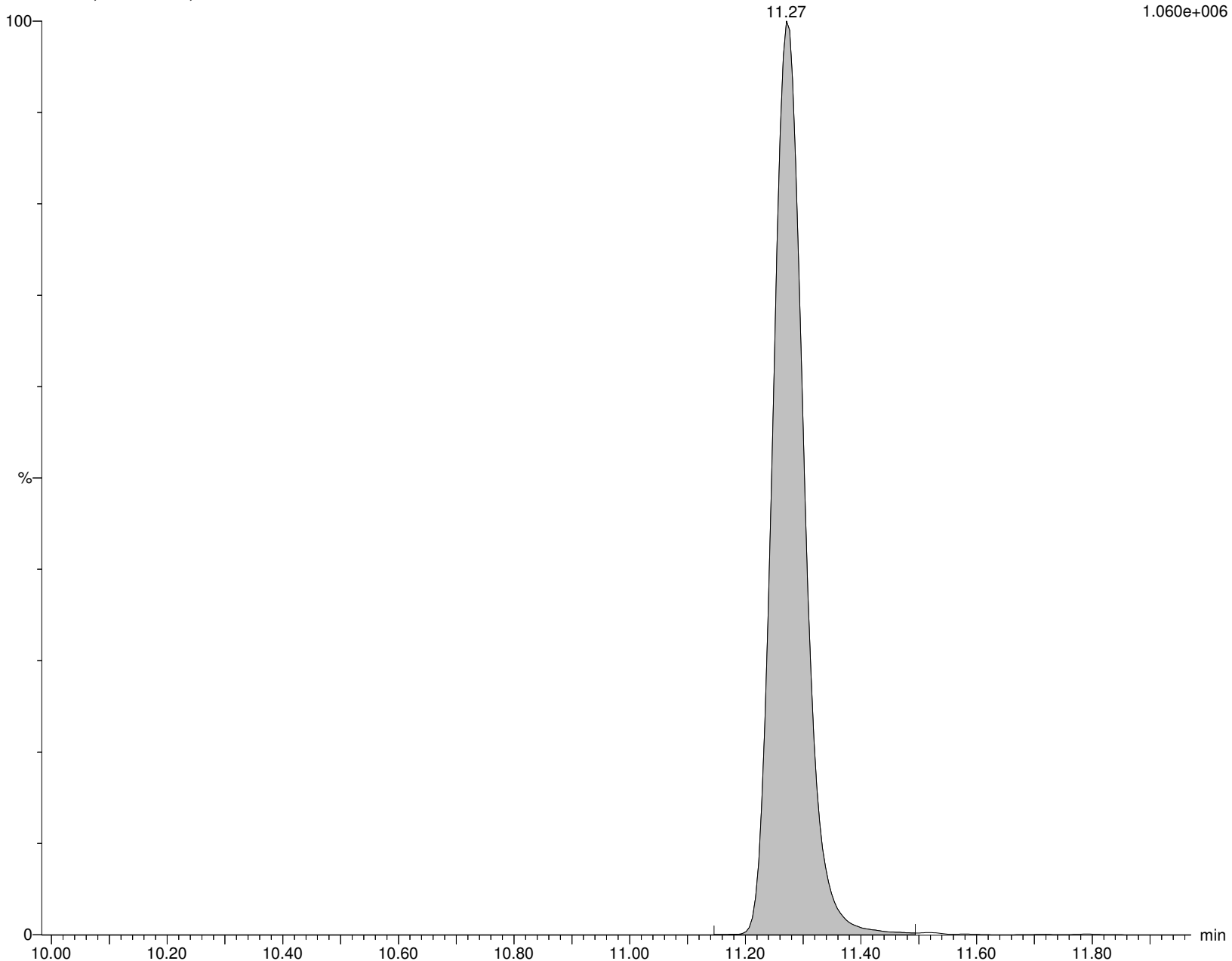
I3787 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F42:MRM of 1 channel,ES-

570.053 > 524.923

1.060e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDS

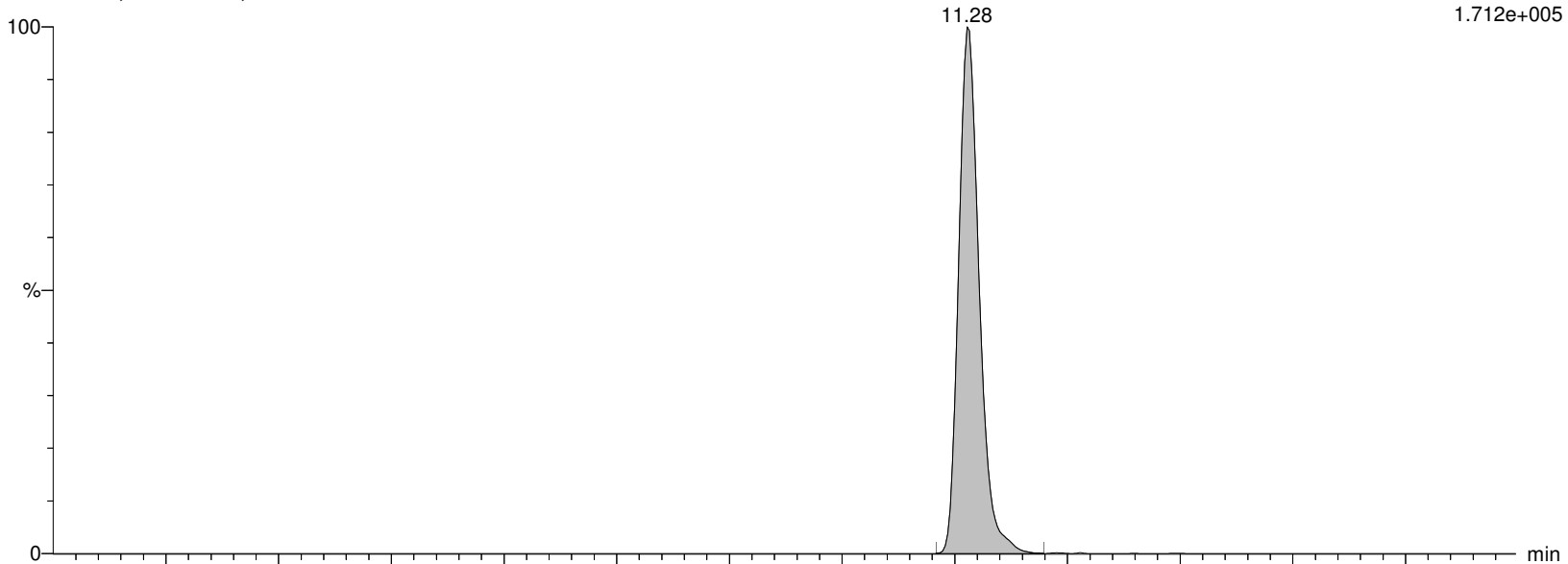
I3787 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-3

F46:MRM of 2 channels, ES-

598.926 > 80.314

1.712e+005



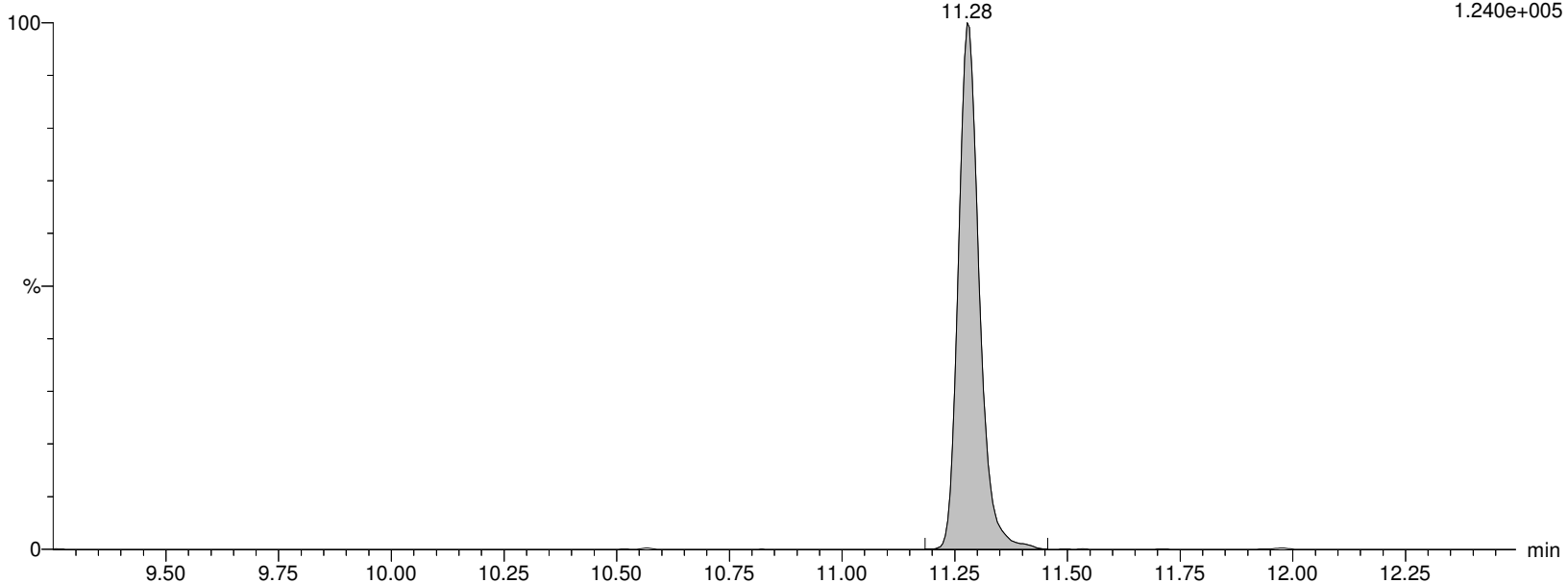
I3787 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-3

F46:MRM of 2 channels, ES-

598.926 > 99.22

1.240e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

FOSA

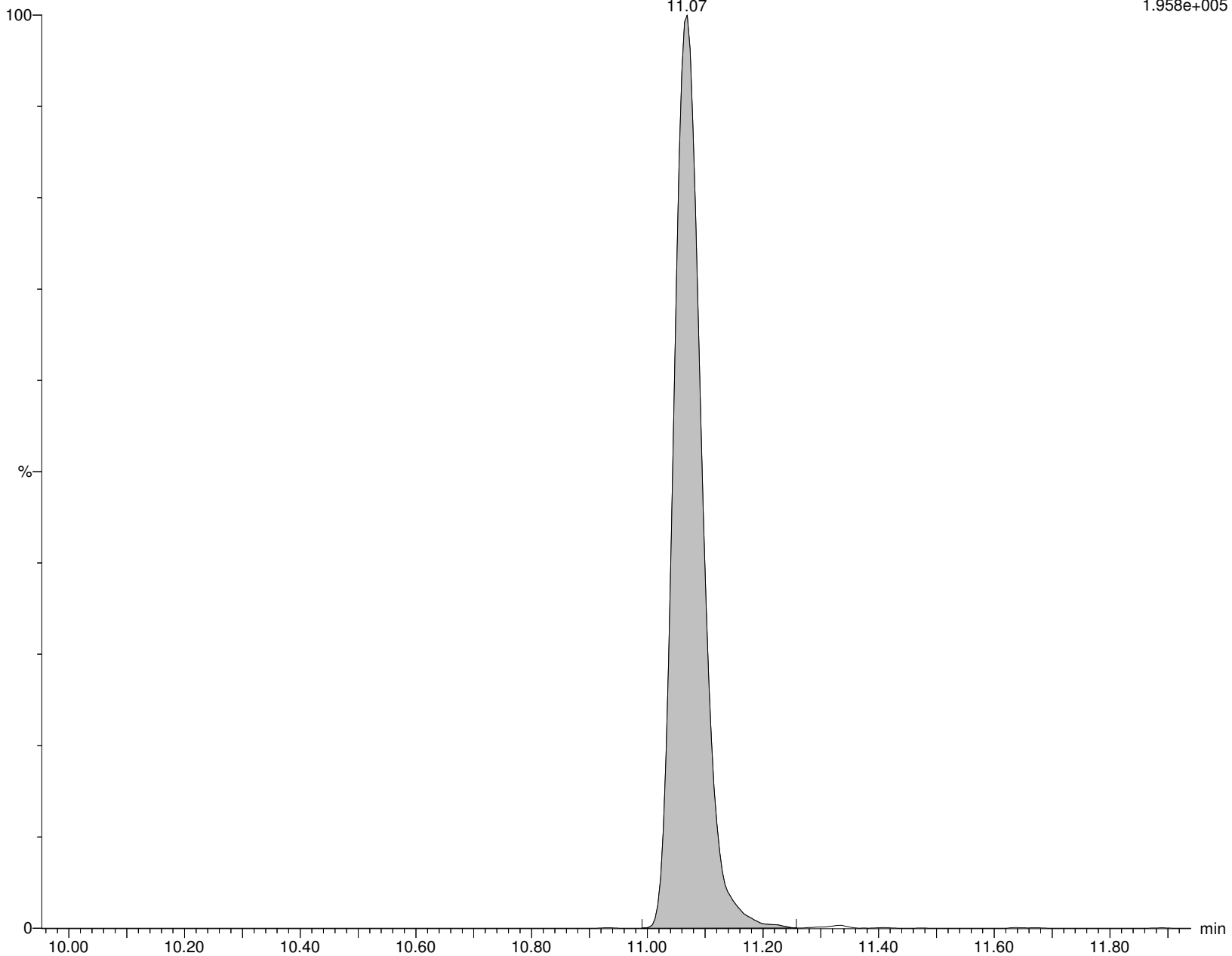
I3787 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F28:MRM of 2 channels,ES-

497.989 > 78.245

1.958e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8FOSA

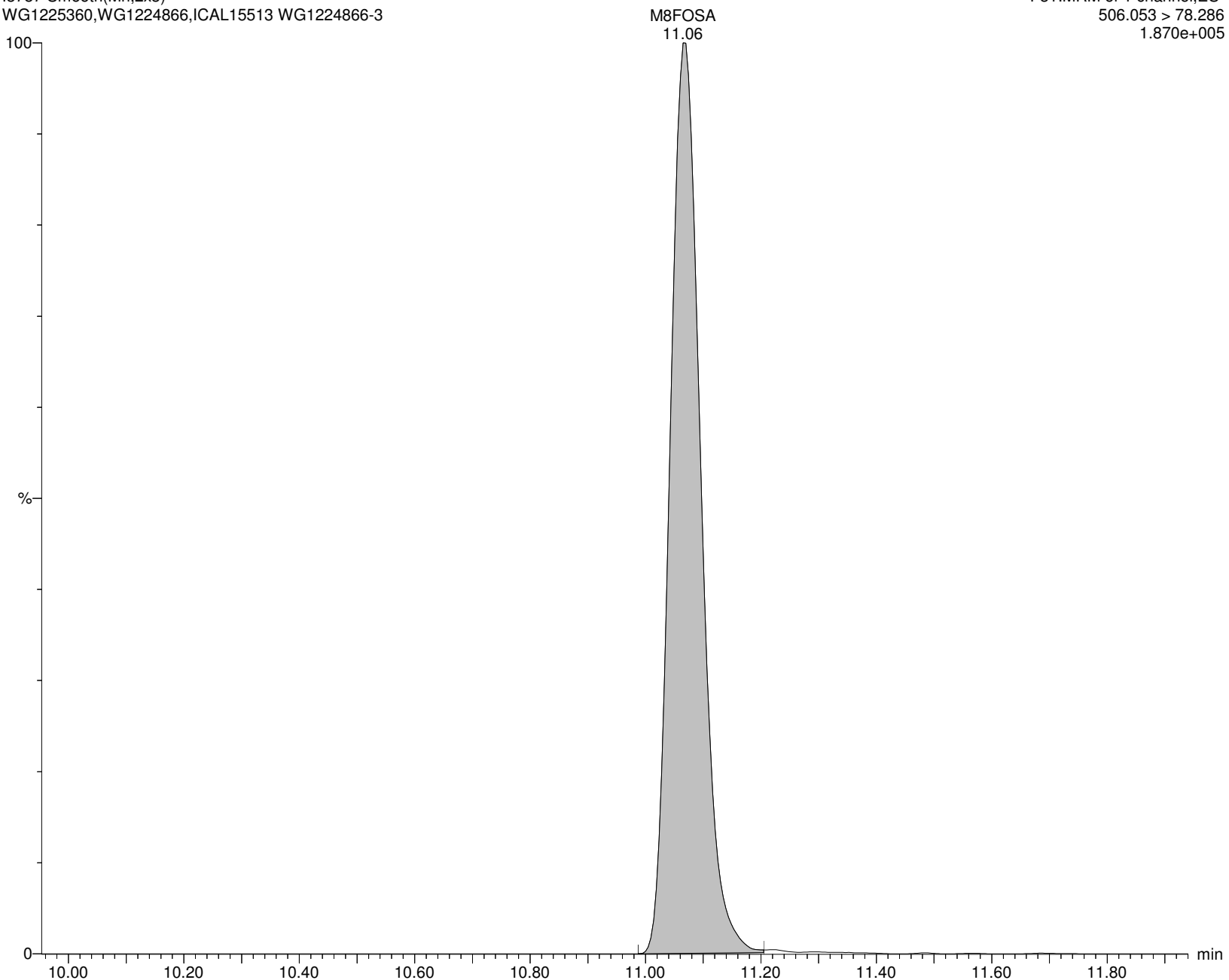
I3787 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F31:MRM of 1 channel,ES-

506.053 > 78.286

1.870e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d5-NEtFOSAA

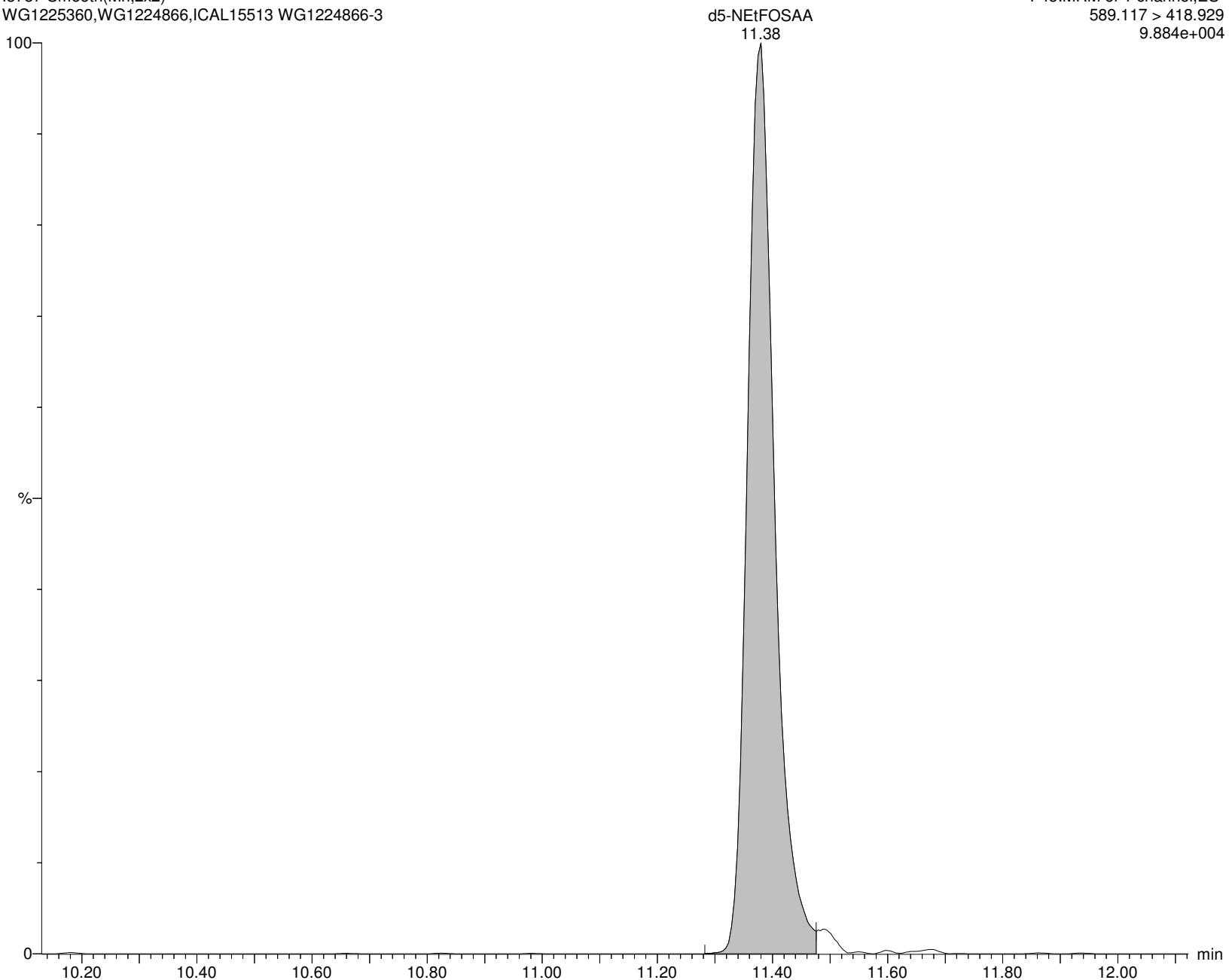
I3787 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F45:MRM of 1 channel,ES-

589.117 > 418.929

9.884e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

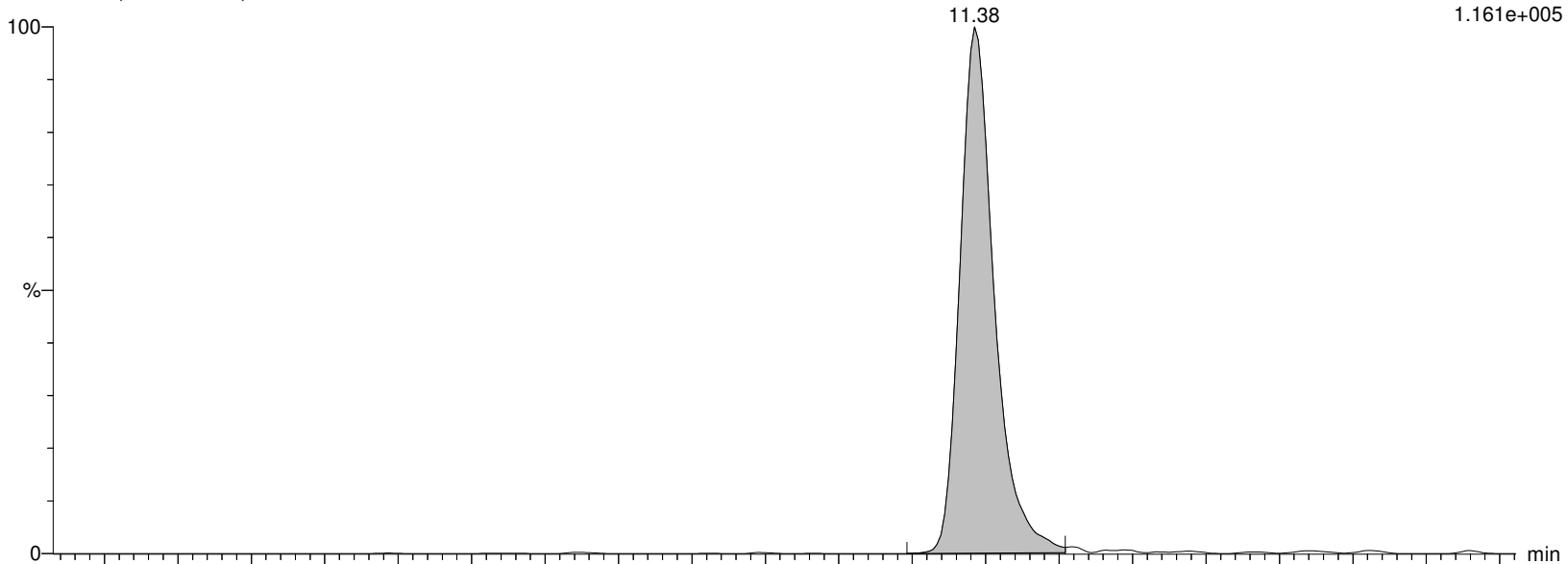
Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NEtFOSAA

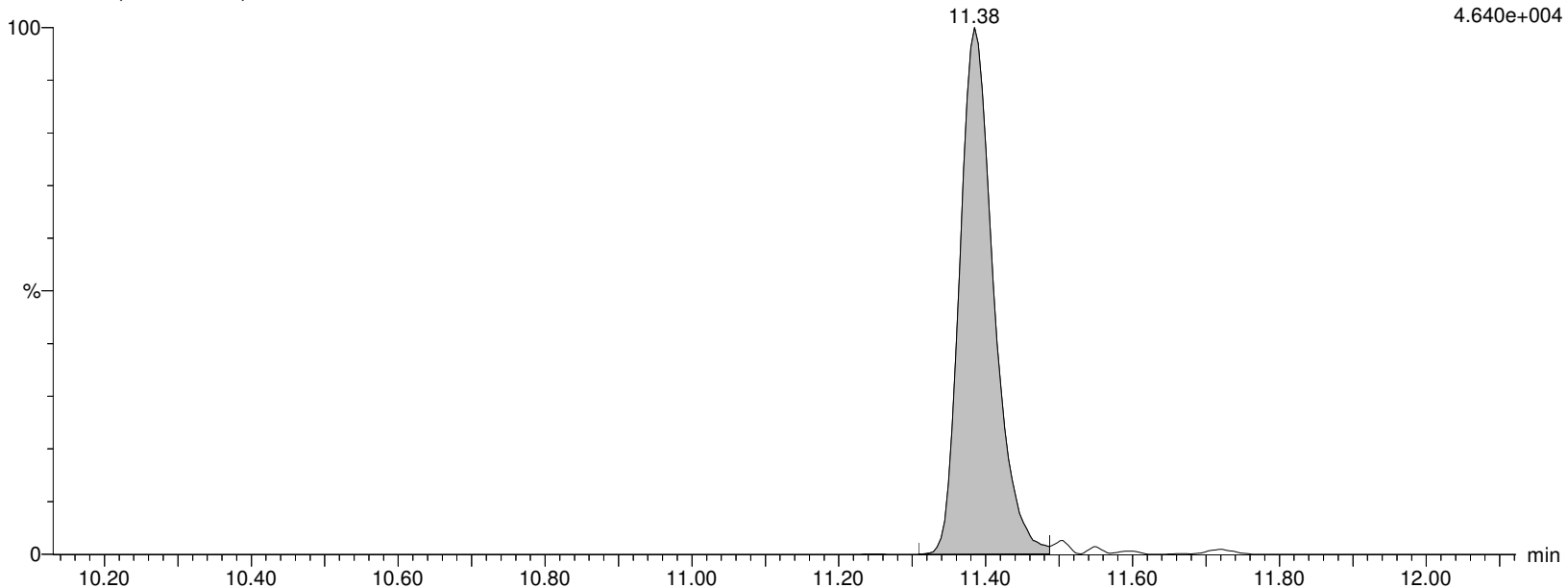
I3787 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-3



I3787 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-3



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFD_oA

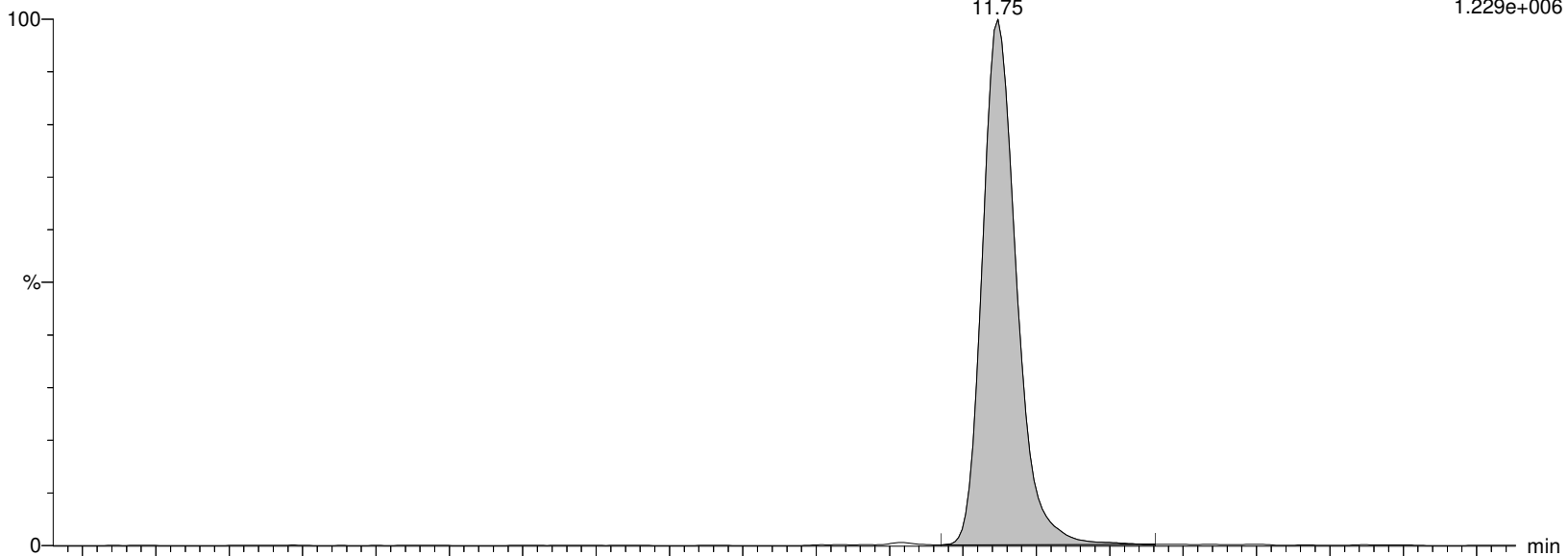
I3787 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F47:MRM of 2 channels,ES-

612.989 > 568.967

1.229e+006



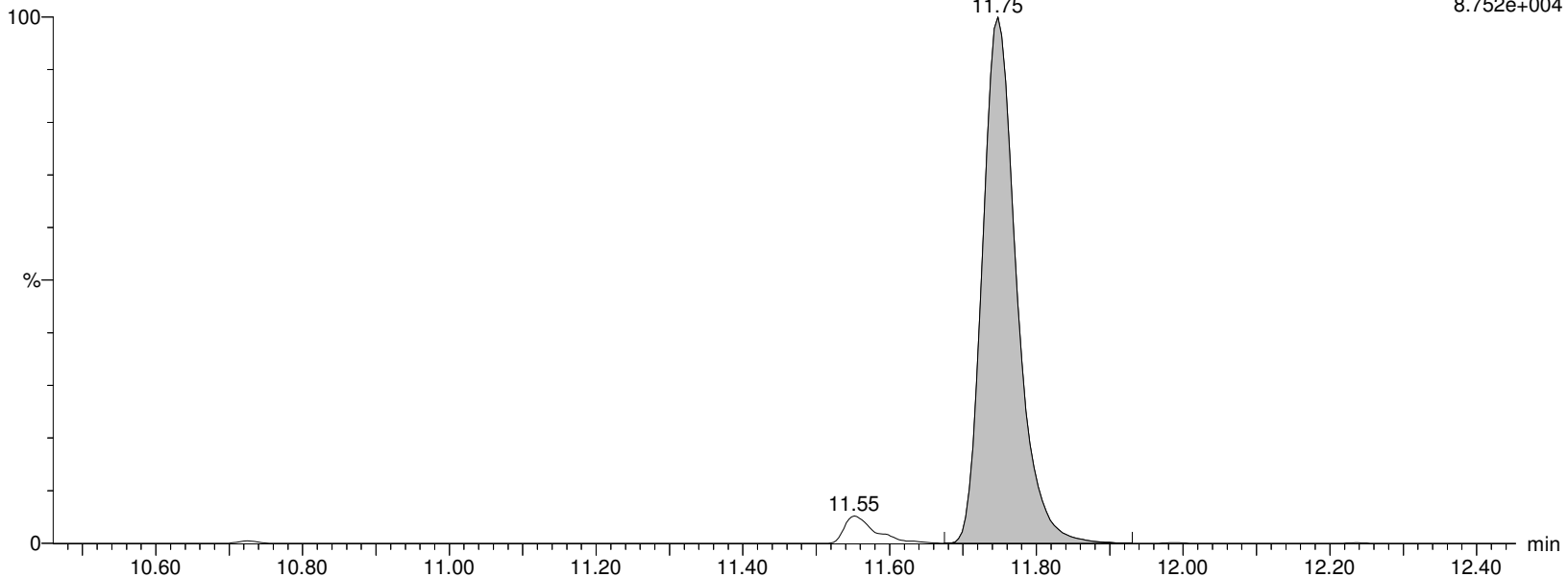
I3787 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F47:MRM of 2 channels,ES-

612.989 > 219.08

8.752e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFDOA

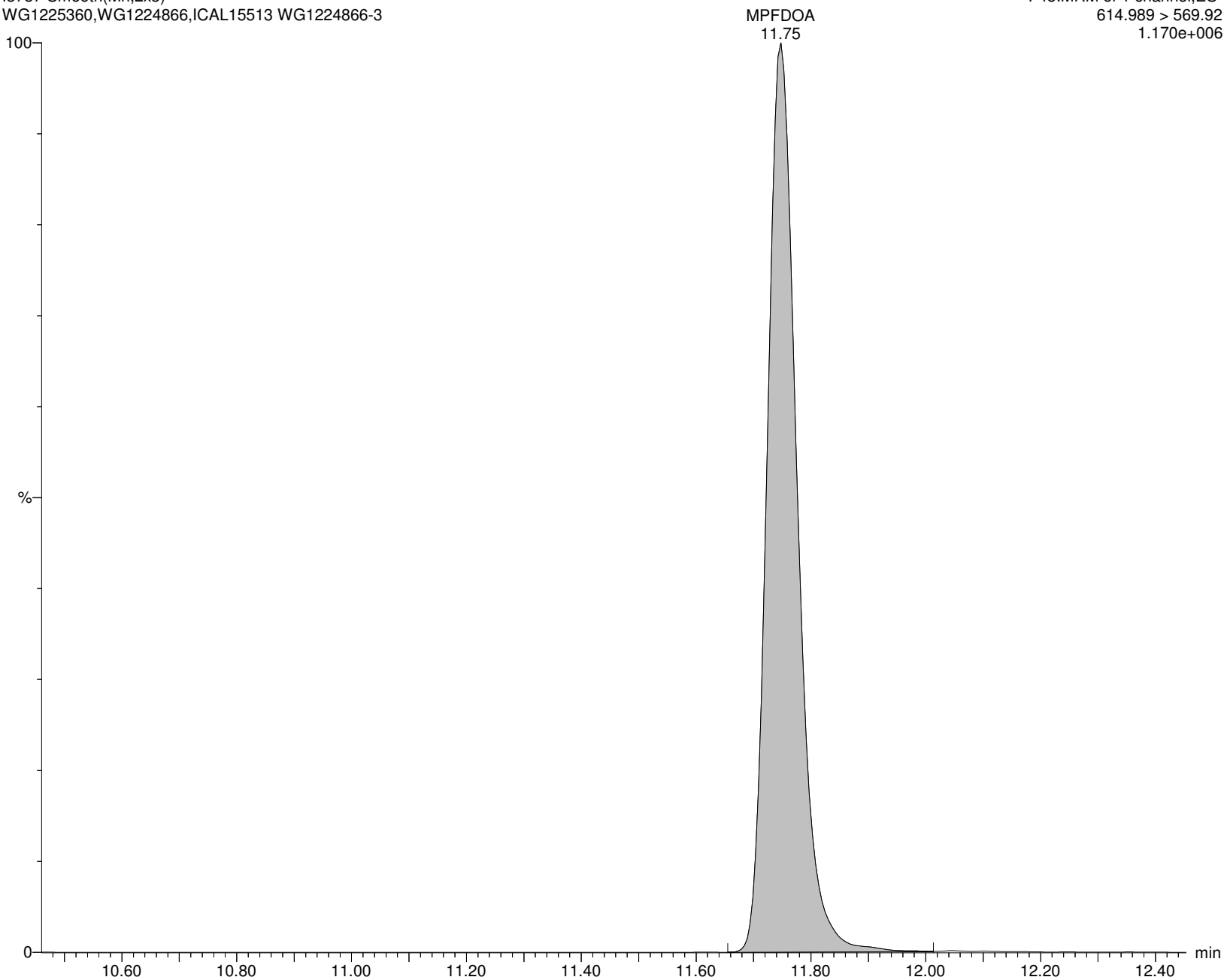
I3787 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F48:MRM of 1 channel,ES-

614.989 > 569.92

1.170e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTTrDA

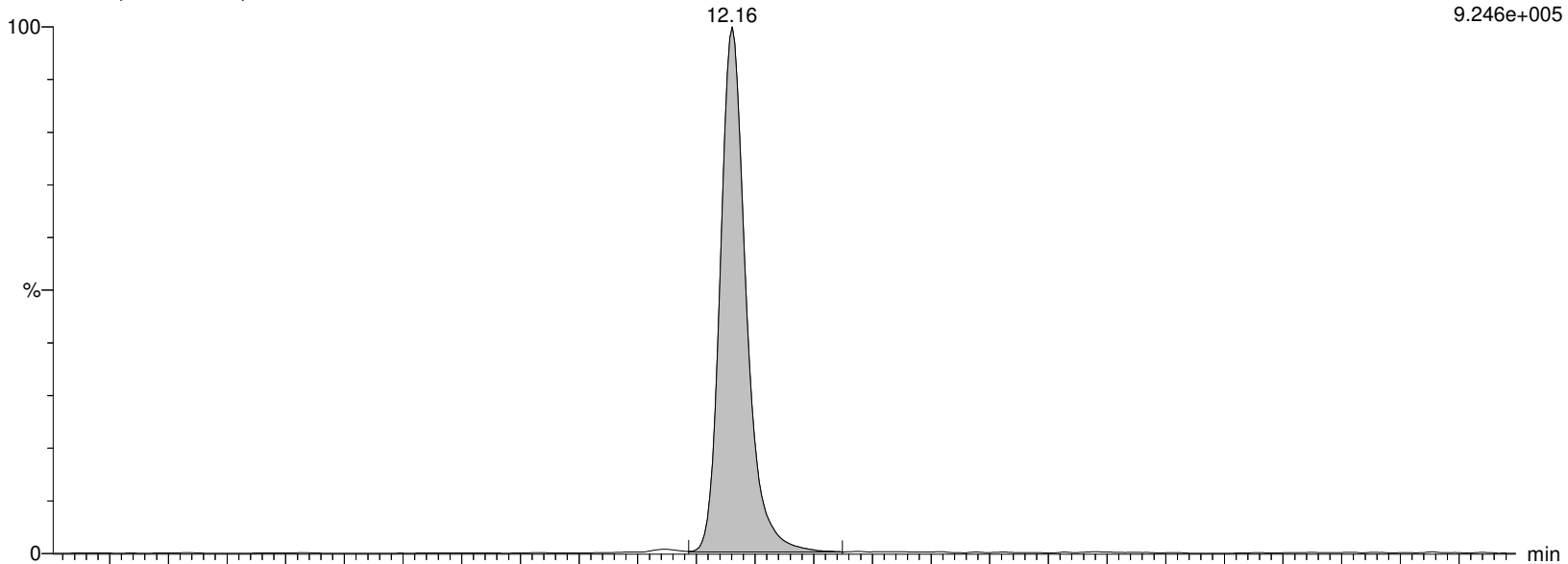
I3787 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-3

F51:MRM of 2 channels, ES-

663.053 > 618.969

9.246e+005



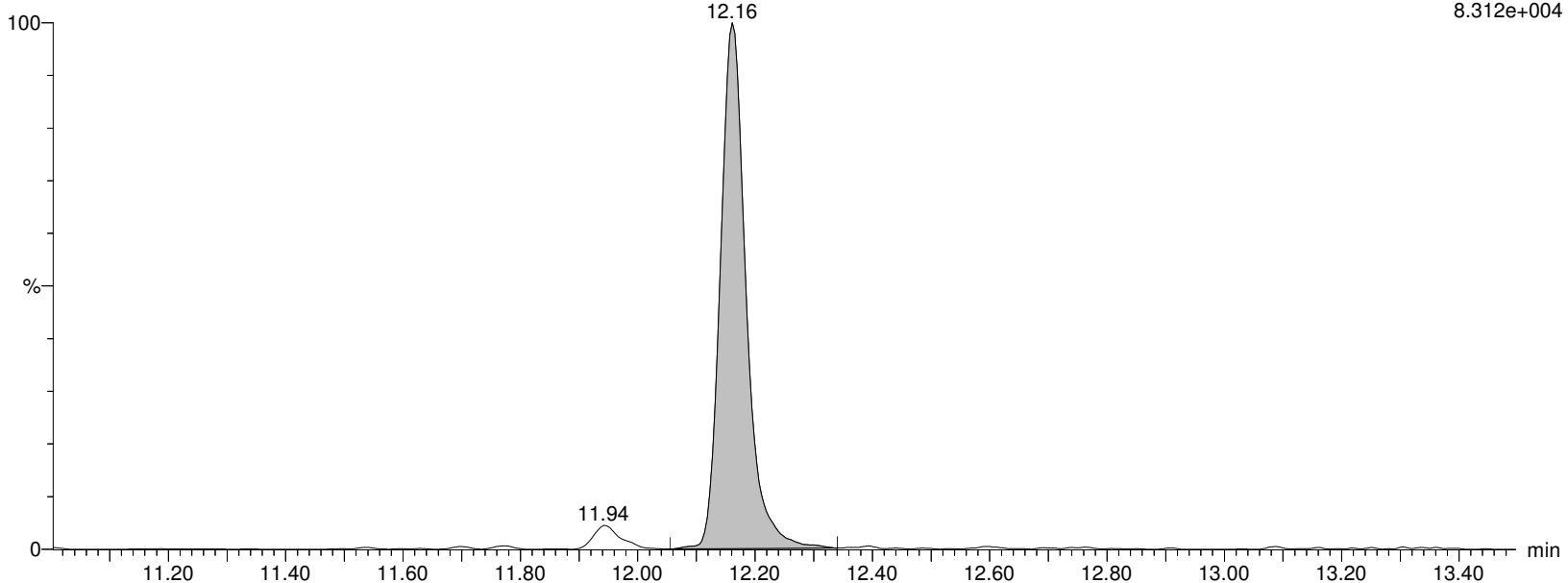
I3787 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-3

F51:MRM of 2 channels, ES-

663.053 > 319.02

8.312e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTA

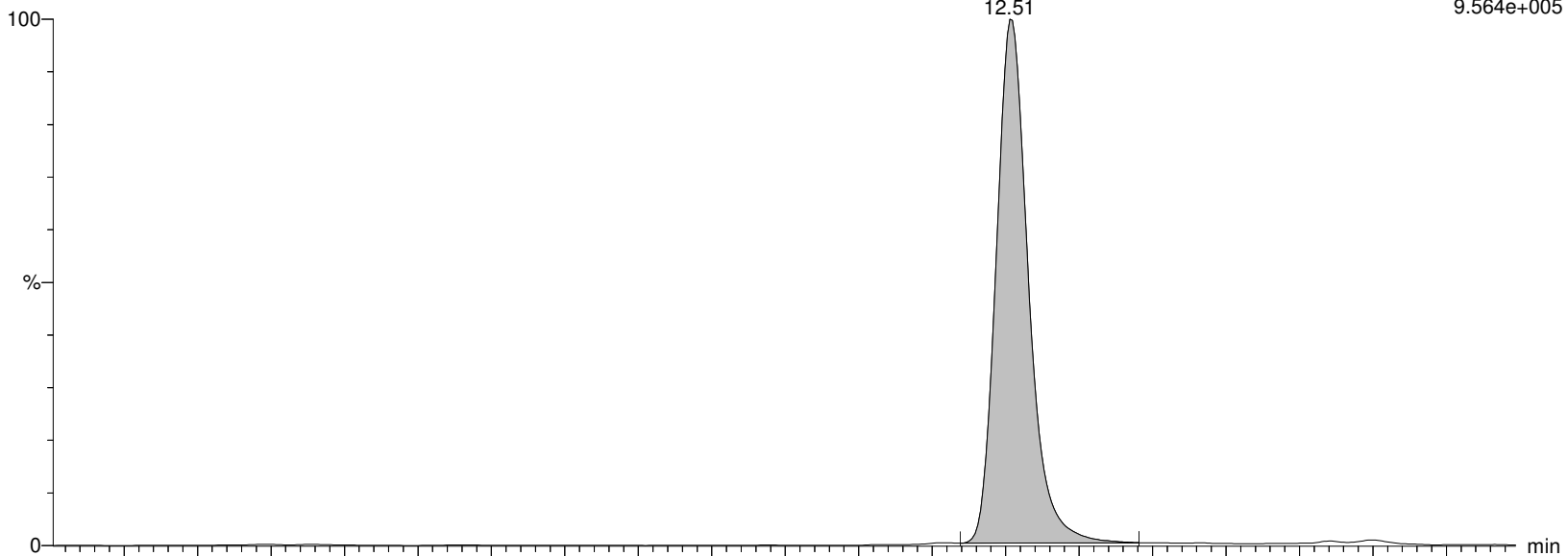
I3787 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F52:MRM of 2 channels,ES-

713.053 > 668.976

9.564e+005



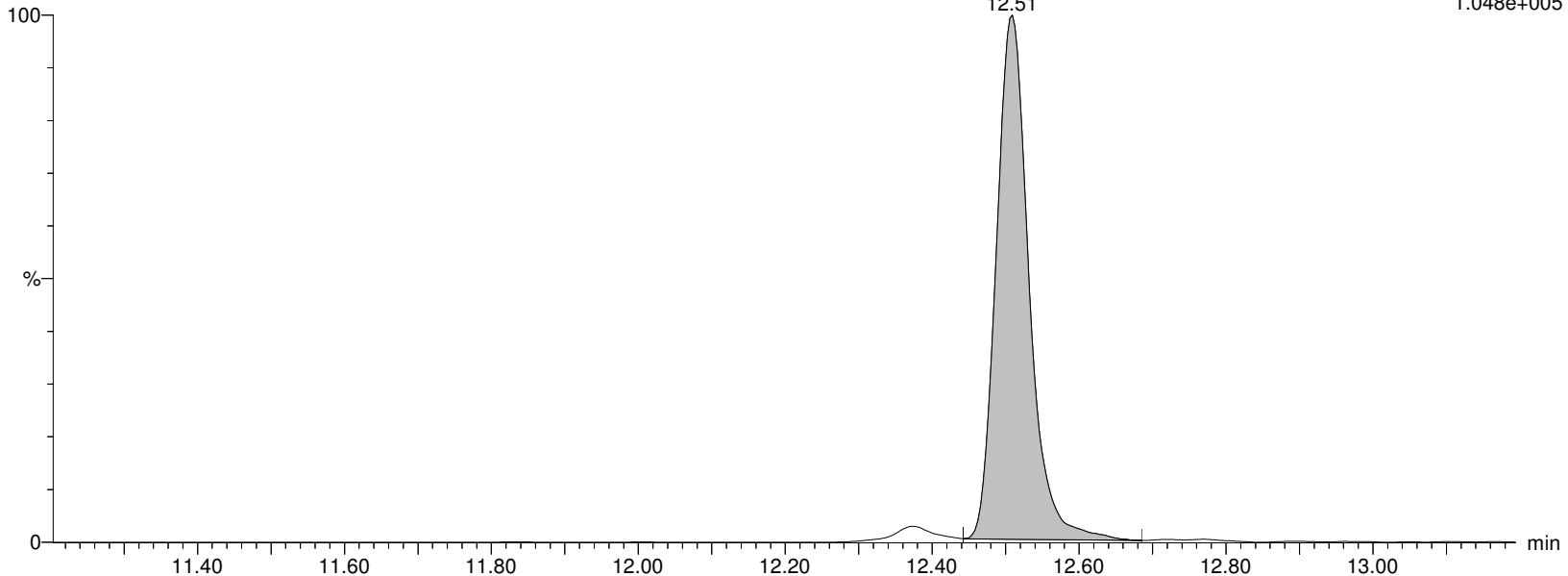
I3787 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F52:MRM of 2 channels,ES-

713.053 > 219.09

1.048e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFTEDA

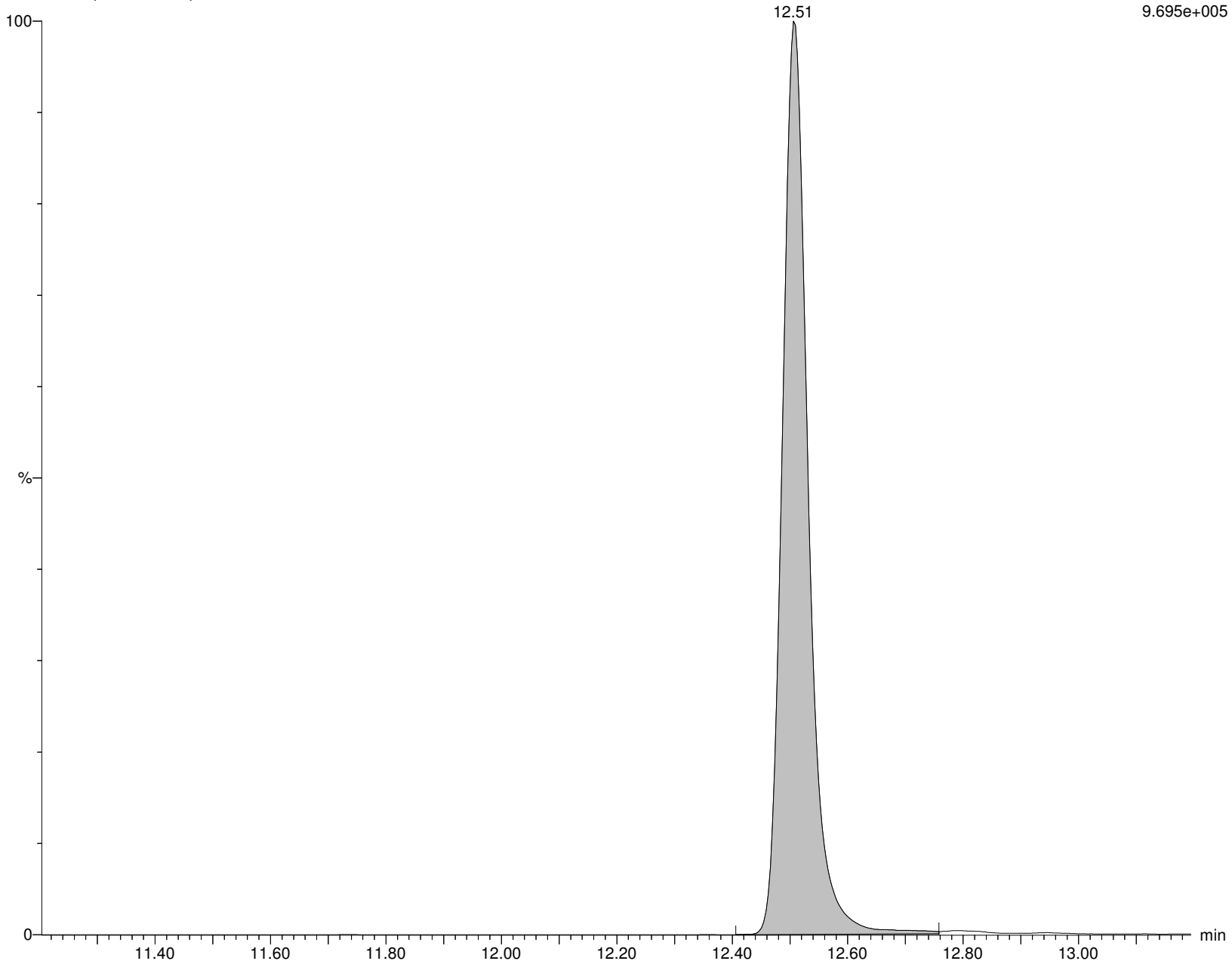
I3787 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F53:MRM of 1 channel,ES-

715.053 > 669.945

9.695e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3HFPO-DA

I3787 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F13:MRM of 1 channel,ES-

331.989 > 286.995

1.000e-003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

HFPO-DA

I3787 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F11:MRM of 1 channel,ES-

328.989 > 284.982

1.000e-003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

ADONA

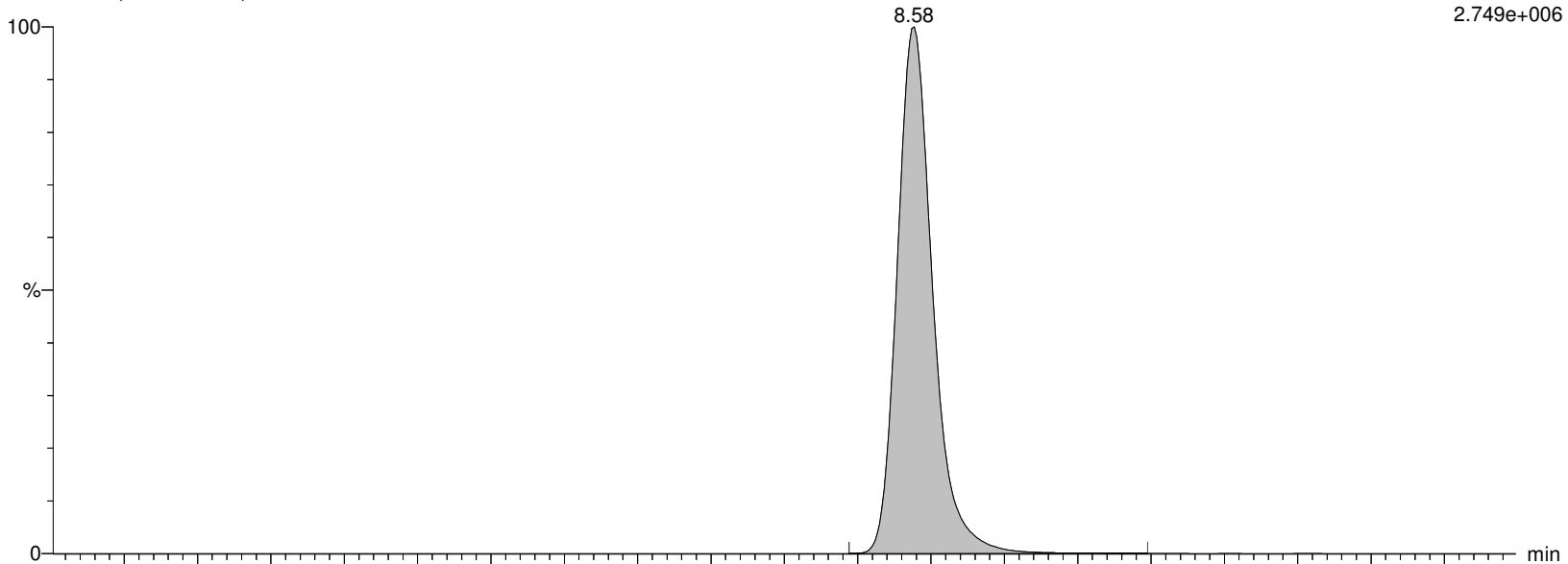
I3787 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 WG1224866-3

F17:MRM of 2 channels, ES-

376.926 > 251.005

2.749e+006



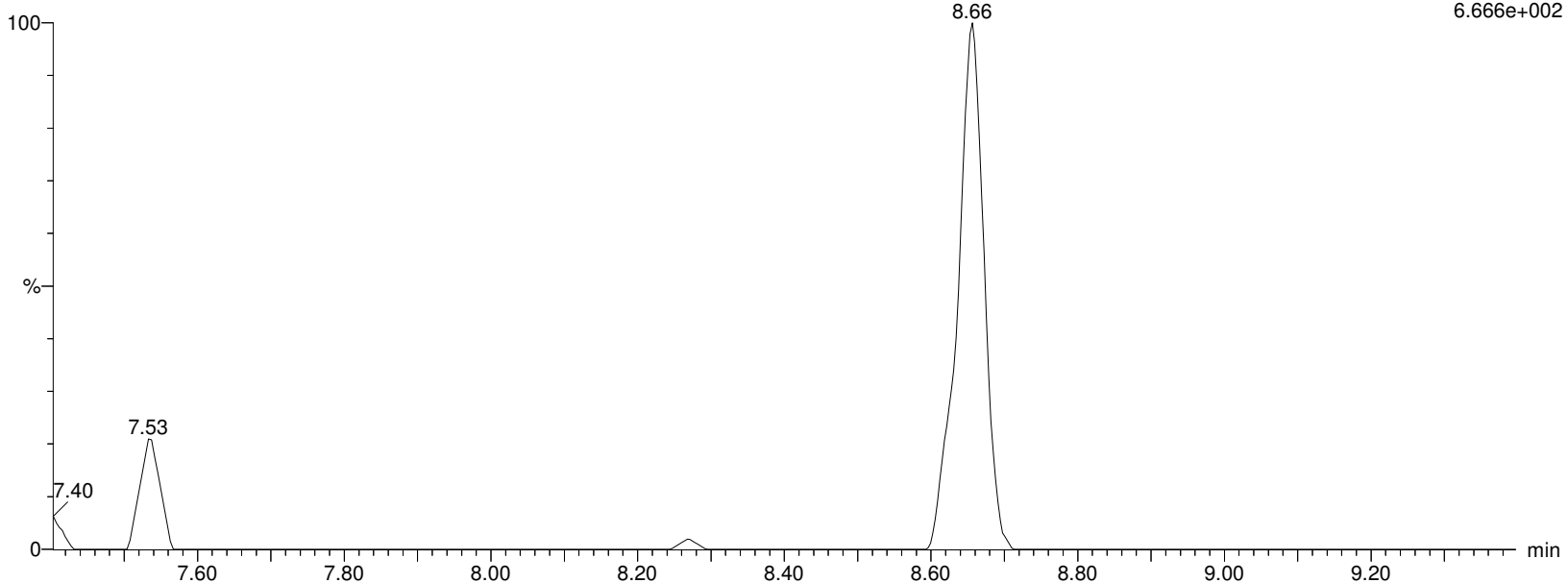
I3787 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 WG1224866-3

F17:MRM of 2 channels, ES-

376.926 > 135.12

6.666e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxDA

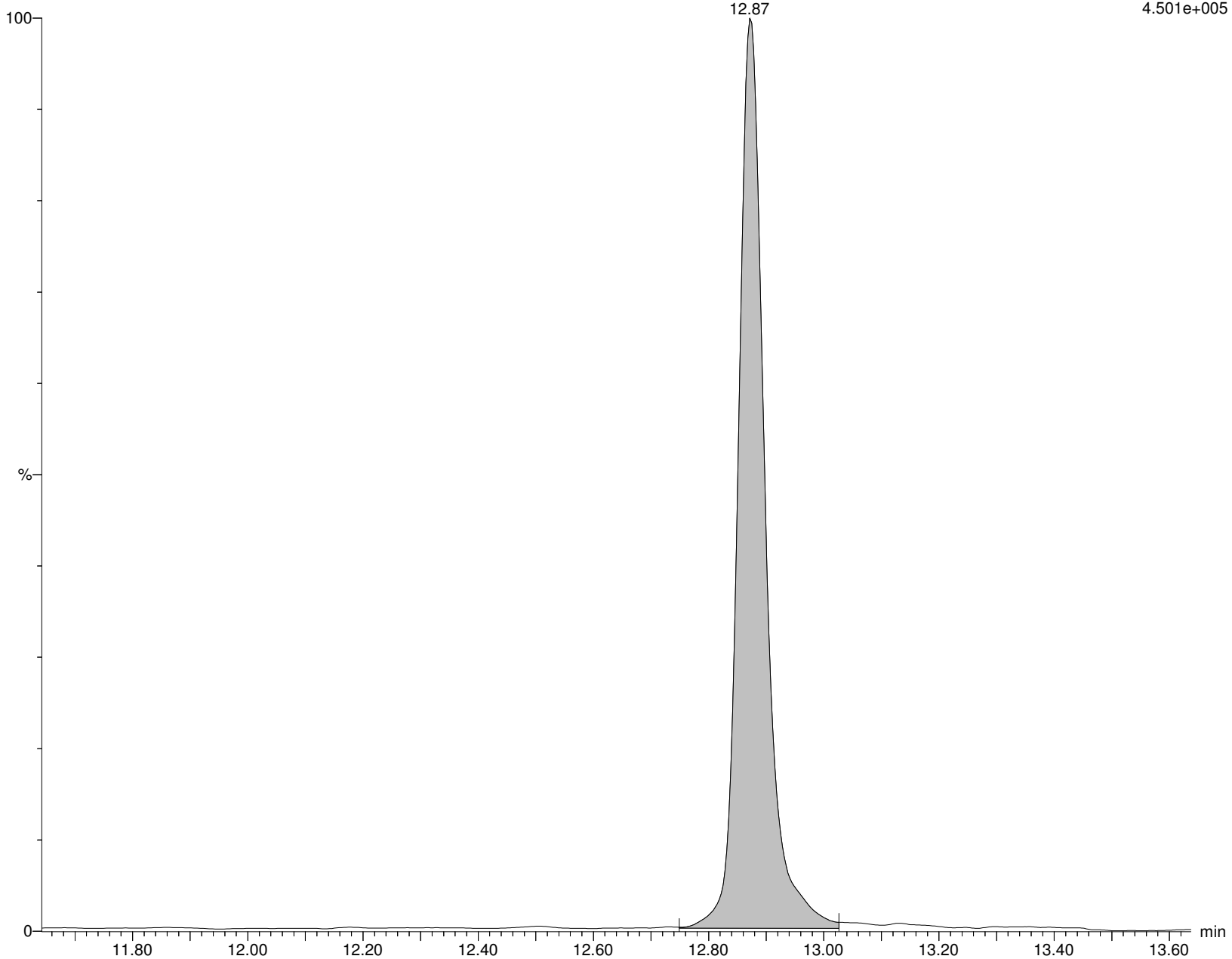
I3787 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F54:MRM of 1 channel,ES-

813.053 > 769.005

4.501e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFODA

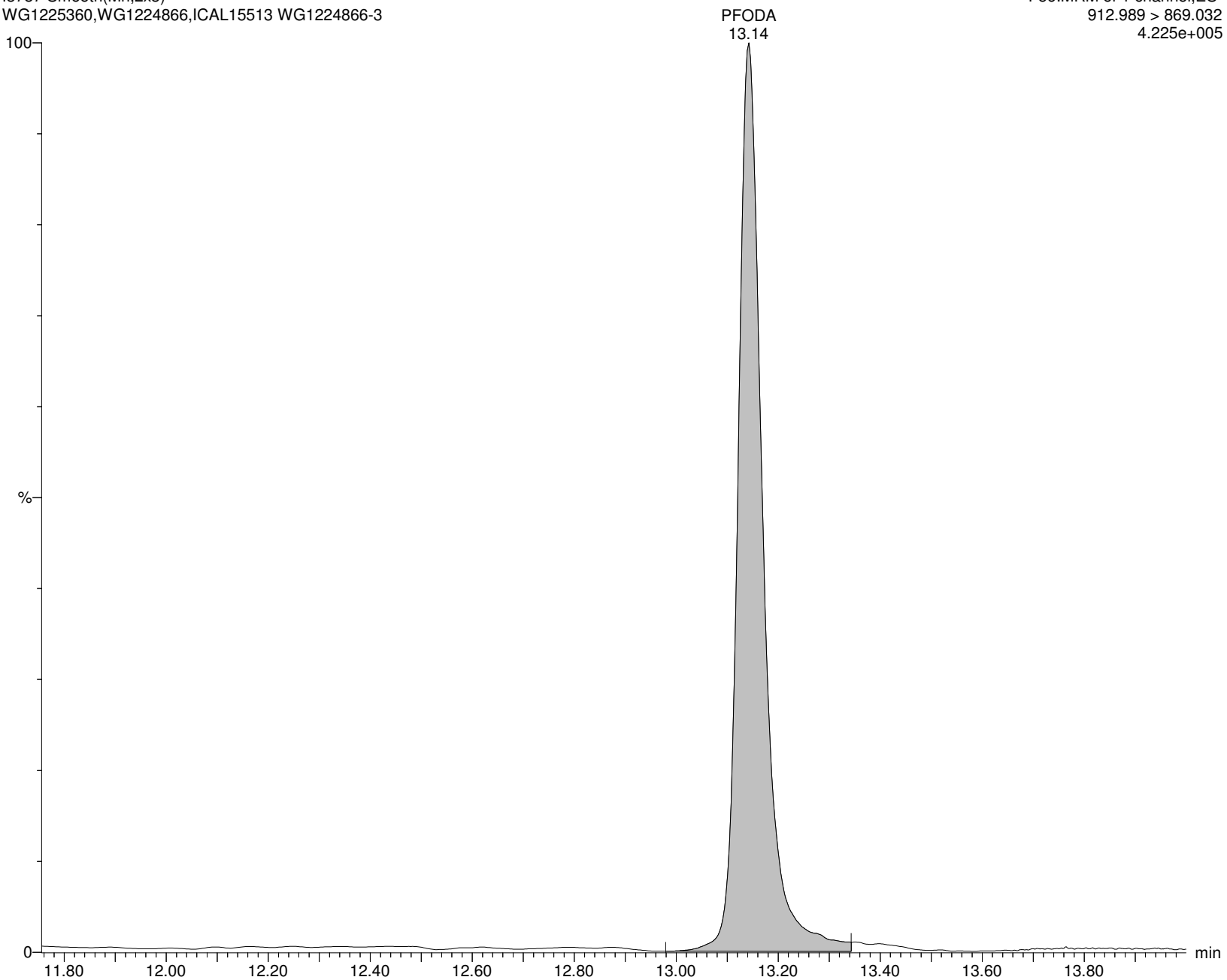
I3787 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F56:MRM of 1 channel,ES-

912.989 > 869.032

4.225e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFHxDA

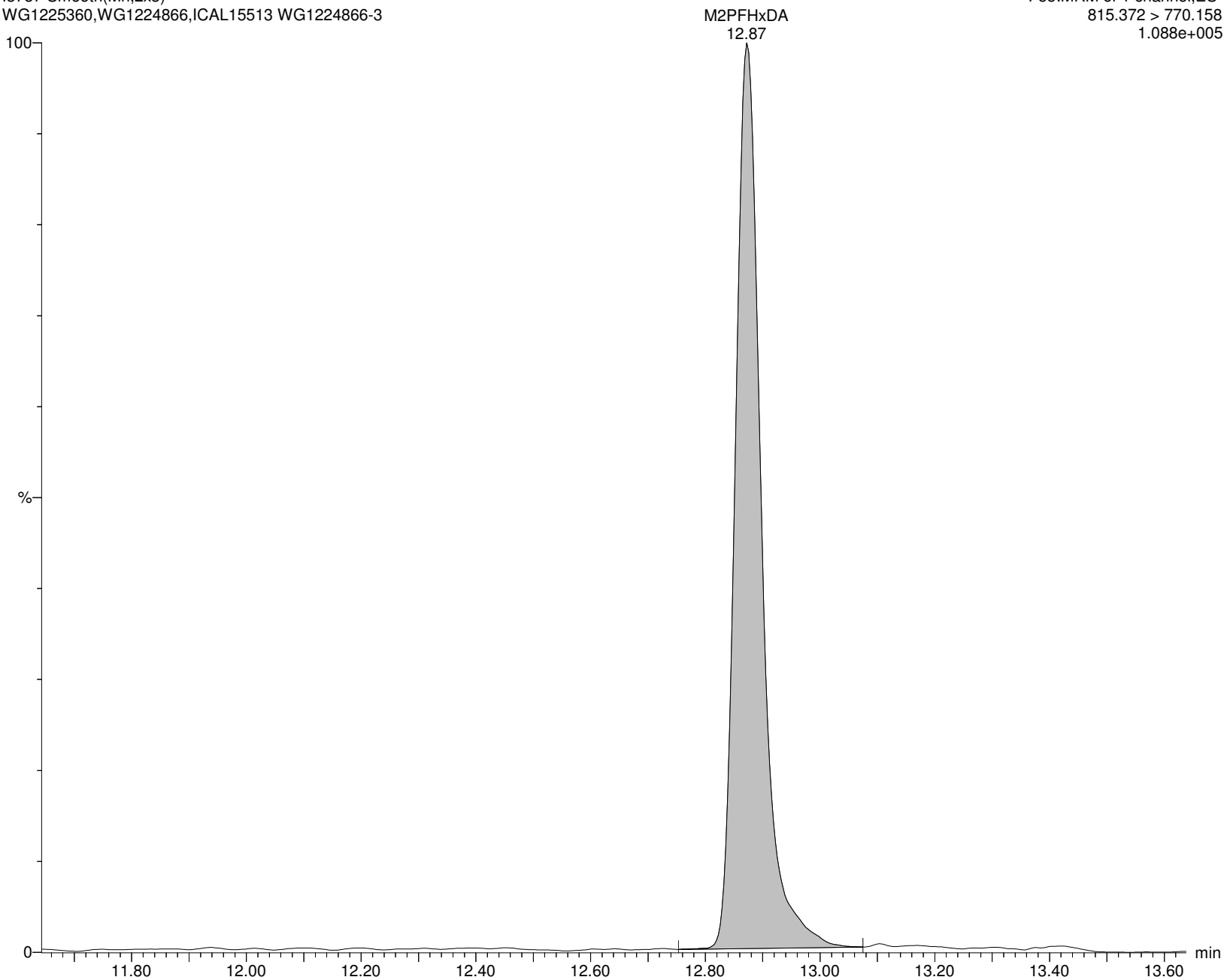
I3787 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F55:MRM of 1 channel,ES-

815.372 > 770.158

1.088e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

10:2FTS

I3787 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F49:MRM of 1 channel,ES-

626.862 > 606.896

1.000e-003



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

9CL-PF3ONS

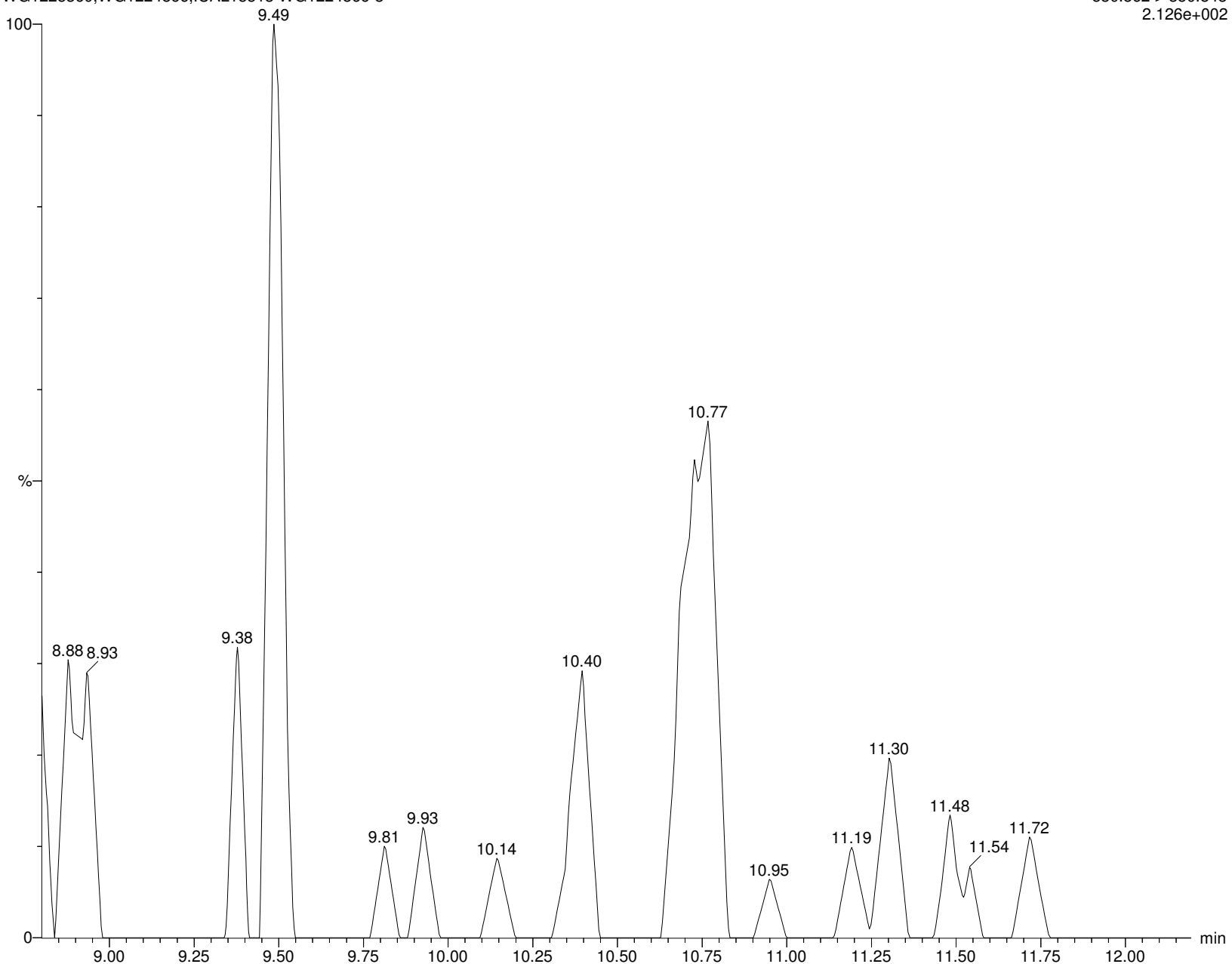
I3787 Smooth(Mn,2x5)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F38:MRM of 1 channel,ES-

530.862 > 350.843

2.126e+002



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 16:31:57 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:32:20 Eastern Daylight Time

Name: I3787

ID: WG1224866-3

Date: 11-Apr-2019

Time: 13:47:15

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,6

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

11CL-PFOUdS

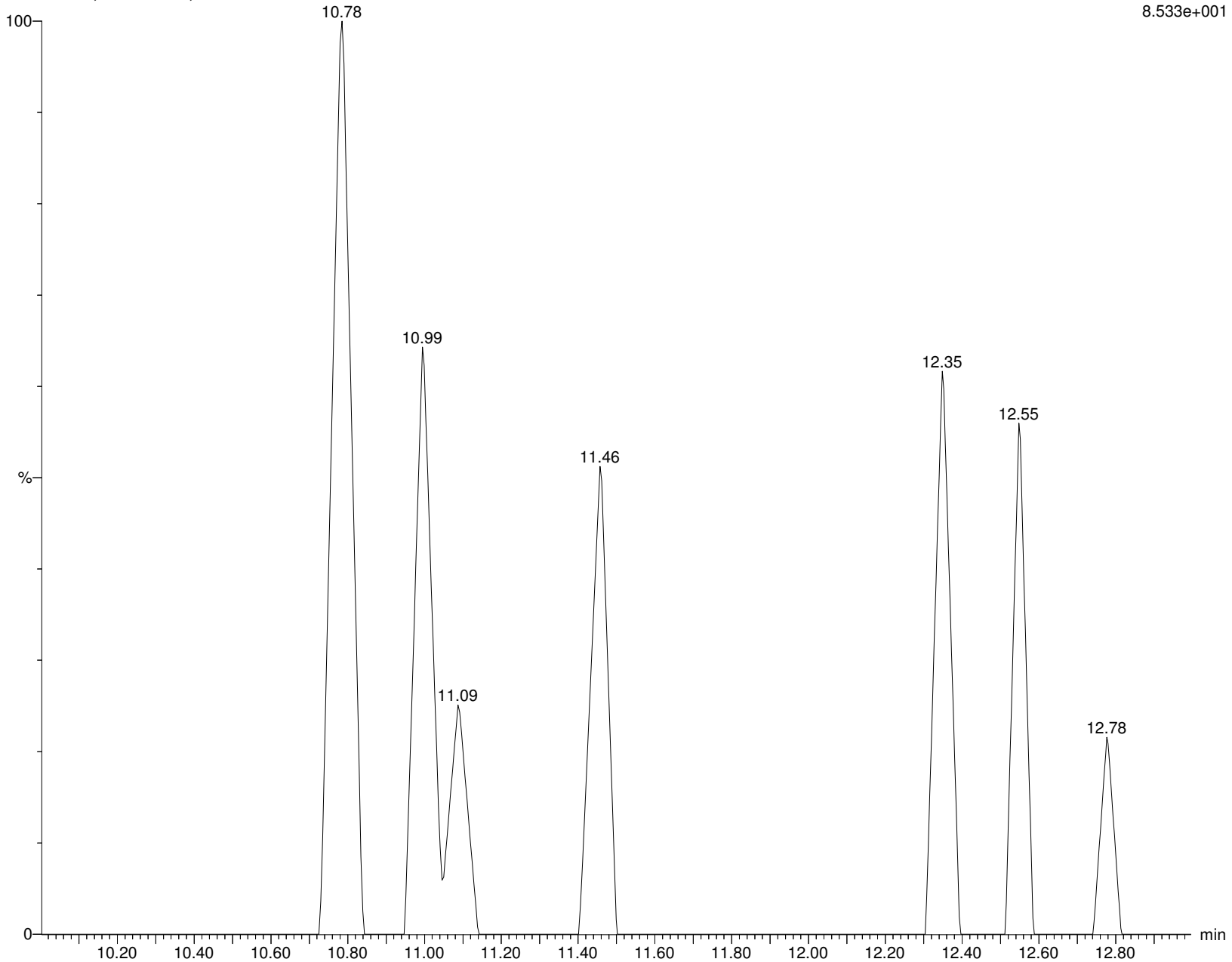
I3787 Smooth(Mn,2x5)

WG1225360,WG1224866,ICAL15513 WG1224866-3

F50:MRM of 1 channel,ES-

630.862 > 450.854

8.533e+001



Alpha Analytical Inc.
Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld
Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time
Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Method: C:\MassLynx\Data\2019\190411_537ISO.PRO\MethDB\537ISO_Q_190215_RT.mdb 10 Apr 2019 16:27:50
Calibration: C:\MassLynx\Data\2019\190411_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 08:45:17

ID: WG1224866-4
Name: I3788
Date: 11-Apr-2019
Time: 14:03:47
Description: WG1225360,WG1224866,ICAL15513
Instrument: XEVO-TQSmicro#QEB0050
User: LCMS02:JW

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B
Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR
MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.35	212.926 > 169.111	37928		10.697		na	107.0
2	M3PFBA	INT STD	2.35	215.926 > 172.122	42181		8.887		na	88.9
3	MPFBA	INT STD	2.35	216.926 > 172.137	41335		9.071		na	90.7
4	PFPeA	2706-90-3	5.24	262.926 > 219.002	61453		9.549		na	95.5
5	M5PFPEA	INT STD	5.24	267.989 > 223.081	60091		10.601		na	106.0
6	PFBS	375-73-5	5.88	298.989 > 80.295	10978		8.973		na	101.4
7	M3PFBS	INT STD	5.88	301.989 > 80.254	11720		9.784		na	97.8
8	4:2FTS	757124-72-4	7.05	326.926 > 306.957	6096		11.051	2.37	YES	118.2
9	M2-4:2FTS	INT STD	7.04	329.117 > 309.079	4736		8.524		na	85.2
10	PFHxA	307-24-4	7.13	312.989 > 269.028	76313		10.285	17.53	NO	102.9
11	M5PFHxA	INT STD	7.13	317.989 > 273.045	73274		9.550		na	95.5
12	PFPeS	2706-91-4	7.44	348.926 > 80.251	12238		10.327	1.92	NO	109.9
13	PFHpA	375-85-9	8.40	362.926 > 319.014	79613		9.421	5.67	NO	94.2
14	M4PFHpA	INT STD	8.40	366.926 > 321.979	84415		8.516		na	85.2
15	br-PFHxS	355-46-4	8.32	398.926 > 80.295	1319	M5	1.280	3.09	YES	75.3
16	L-PFHxS	355-46-4	8.55	398.926 > 80.295	9536		8.508	1.53	NO	115.0
17	PFHxS	355-46-4		398.926 > 80.295	10855		9.788		na	
18	M3PFHxS	INT STD	8.55	401.926 > 80.317	8097		9.551		na	95.5
19	br-PFOA	335-67-1		412.989 > 368.9			ND		YES	
20	L-PFOA	335-67-1	9.35	412.989 > 368.9	82017		9.133	10.09	NO	91.3
21	M2PFOA	INT STD	9.35	415.032 > 369.968	92289		9.319		na	93.2
22	PFOA	335-67-1		412.989 > 368.9	82017		9.133		na	
23	M8PFOA	INT STD	9.34	420.989 > 375.979	83993		9.476		na	94.8
24	6:2FTS	27619-97-2	9.31	426.989 > 406.921	4265		9.780		na	102.9
25	M2-6:2FTS	INT STD	9.30	428.989 > 408.917	4459		7.989		na	79.9
26	PFHpS	375-92-8	9.43	448.926 > 80.257	6381		10.679	0.98	YES	112.4
27	PFNA	375-95-1	10.10	462.989 > 418.931	72254		10.077	4.62	NO	100.8
28	M9PFNA	INT STD	10.10	472.053 > 426.947	77500		9.195		na	92.0
29	br-PFOS	1763-23-1	9.90	498.989 > 80.294	2603	M5	2.205	19.78	NO	110.3
30	L-PFOS	1763-23-1	10.15	498.989 > 80.294	5901		5.925	1.72	NO	81.2
31	PFOS	1763-23-1		498.989 > 80.294	8504		8.130		na	
32	M4PFOS	INT STD	10.14	503.032 > 80.306	9630		10.415		na	104.1
33	M8PFOS	INT STD	10.14	507.053 > 80.294	8704		8.990		na	89.9
34	PFDA	335-76-2	10.73	513.053 > 468.906	57628		9.129	6.46	NO	91.3
35	M2PFDA	INT STD	10.73	515.053 > 469.934	77337		10.253		na	102.5
36	M6PFDA	INT STD	10.73	519.053 > 473.931	68082		8.225		na	82.3
37	8:2FTS	39108-34-4	10.72	526.989 > 506.946	3317		10.870		na	113.2
38	M2-8:2FTS	INT STD	10.72	529.053 > 508.945	2744		8.933		na	89.3
39	PFNS	68259-12-1	10.75	548.989 > 80.249	6968		9.325	1.41	NO	97.1

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

ID: WG1224866-4

Name: I3788

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:JW

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	11.10	573.096 > 418.987	5012		6.368		na	63.7
41	NMeFOSAA	2355-31-9	11.09	570.053 > 418.917	5149		9.936		na	99.4
42	PfUnA	2058-94-8	11.28	562.989 > 518.903	52858		8.427	8.11	NO	84.3
43	M7-PFUDA	INT STD	11.28	570.053 > 524.923	57760		8.320		na	83.2
44	PFDS	335-77-3	11.28	598.926 > 80.314	6608		9.457	1.33	YES	98.0
45	FOSA	754-91-6	11.07	497.989 > 78.245	9491		9.062		na	90.6
46	M8FOSA	INT STD	11.07	506.053 > 78.286	10160		3.909		na	39.1
47	d5-NEtFOSAA	INT STD	11.38	589.117 > 418.929	4718		6.625		na	66.2
48	NEtFOSAA	2991-50-6	11.39	583.989 > 418.927	4273		8.366	2.52	YES	83.7
49	PFDaA	307-55-1	11.75	612.989 > 568.967	52054		8.741	13.71	NO	87.4
50	MPFDOA	INT STD	11.75	614.989 > 569.92	65487		8.222		na	82.2
51	PFTTrDA	72629-94-8	12.17	663.053 > 618.969	38697		8.653	11.17	NO	86.5
52	PFTA	376-06-7	12.51	713.053 > 668.976	38322		9.874	9.07	NO	98.7
53	M2PFTEDA	INT STD	12.51	715.053 > 669.945	45891		8.653		na	86.5

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Method: C:\MassLynx\Data\2019\190411_537ISO.PRO\MethDB\537ISO_Q_190215_RT.mdb 10 Apr 2019 16:27:50

Calibration: C:\MassLynx\Data\2019\190411_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 08:45:17

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBA

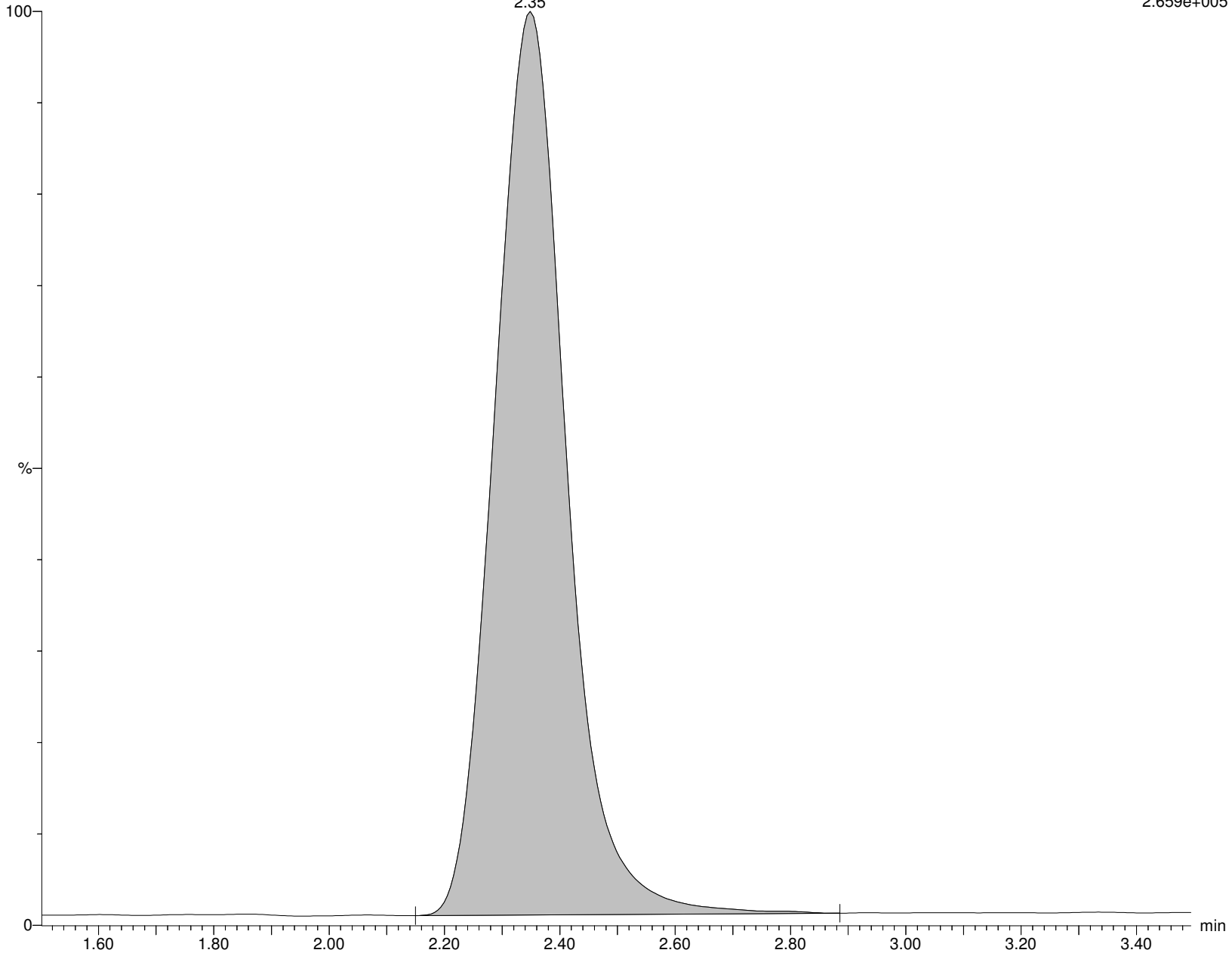
I3788 Smooth(Mn,2x5)

WG1225360, WG1224866, ICAL15513 WG1224866-4

F1:MRM of 1 channel,ES-

212.926 > 169.111

2.659e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBA

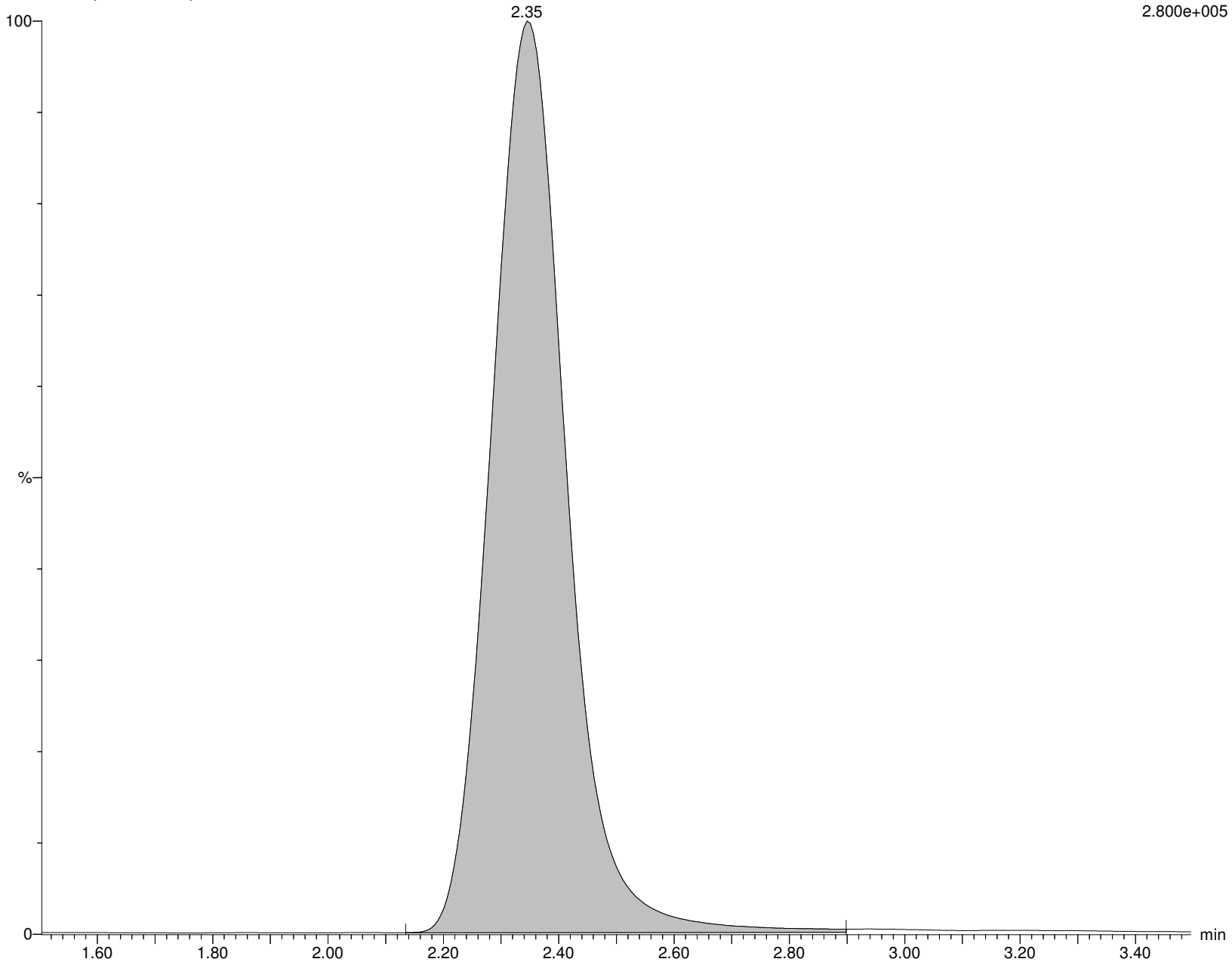
I3788 Smooth(Mn,2x6)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F2:MRM of 1 channel,ES-

215.926 > 172.122

2.800e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFBA

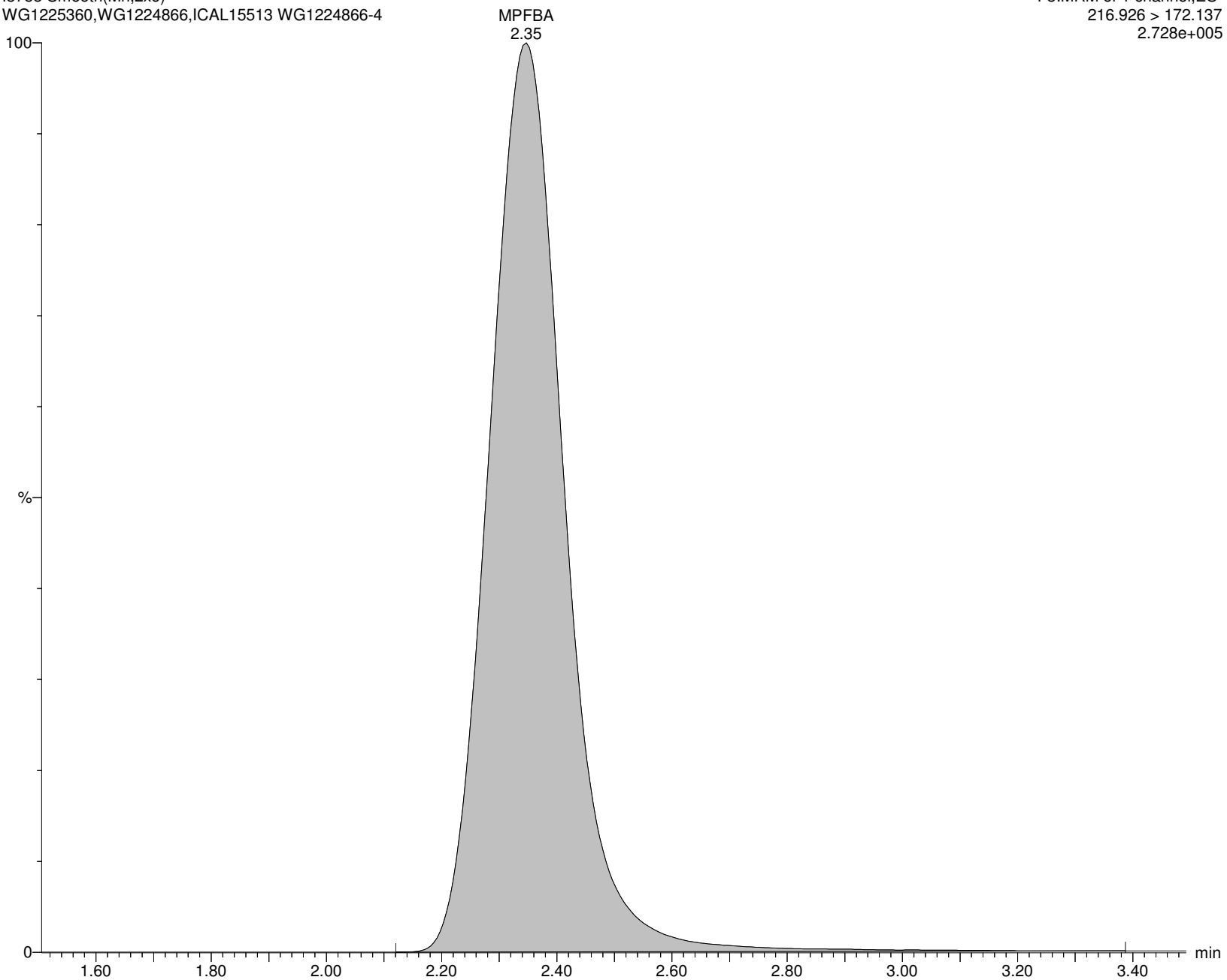
I3788 Smooth(Mn,2x6)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F3:MRM of 1 channel,ES-

216.926 > 172.137

2.728e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeA

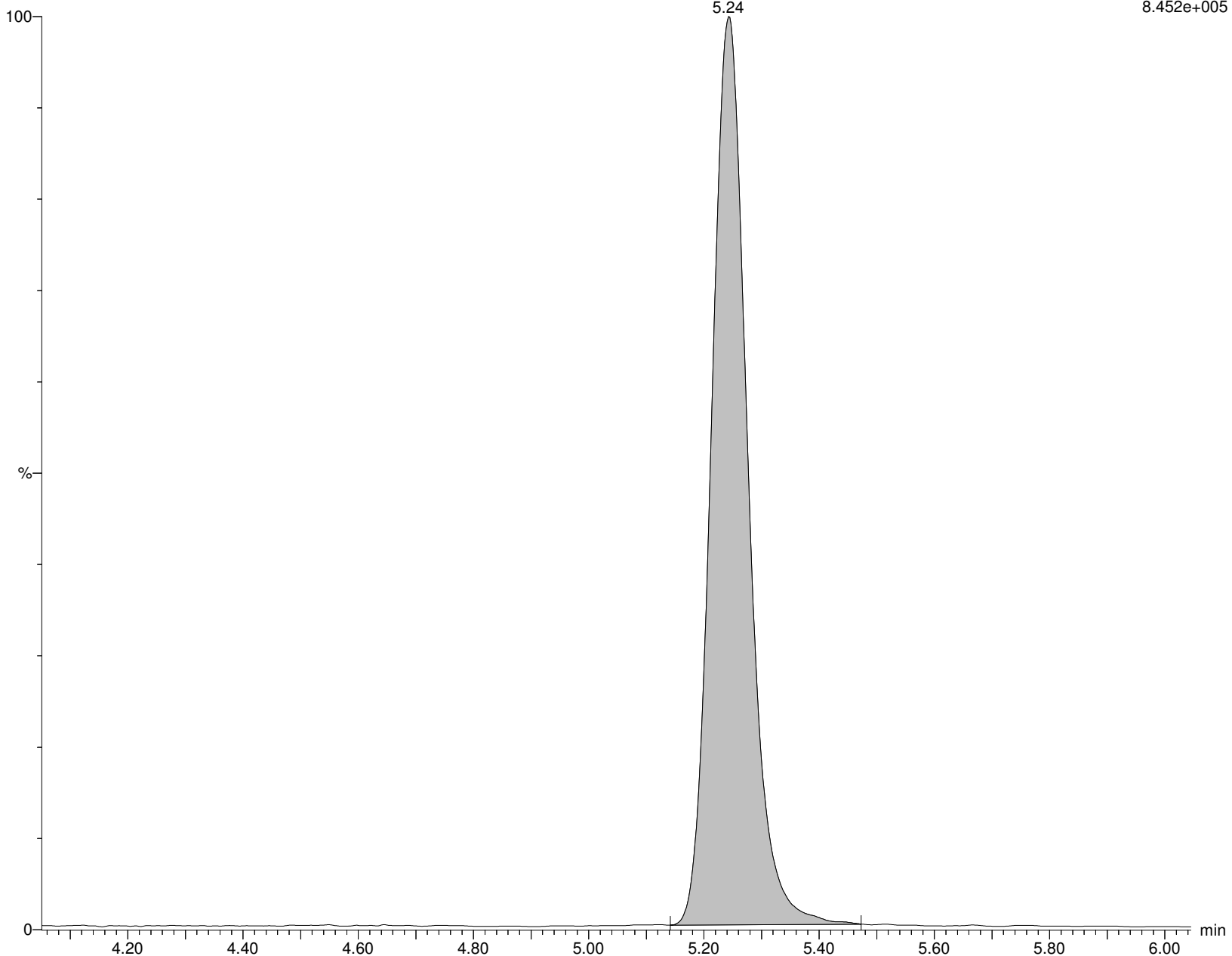
I3788 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F4:MRM of 2 channels,ES-

262.926 > 219.002

8.452e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFPEA

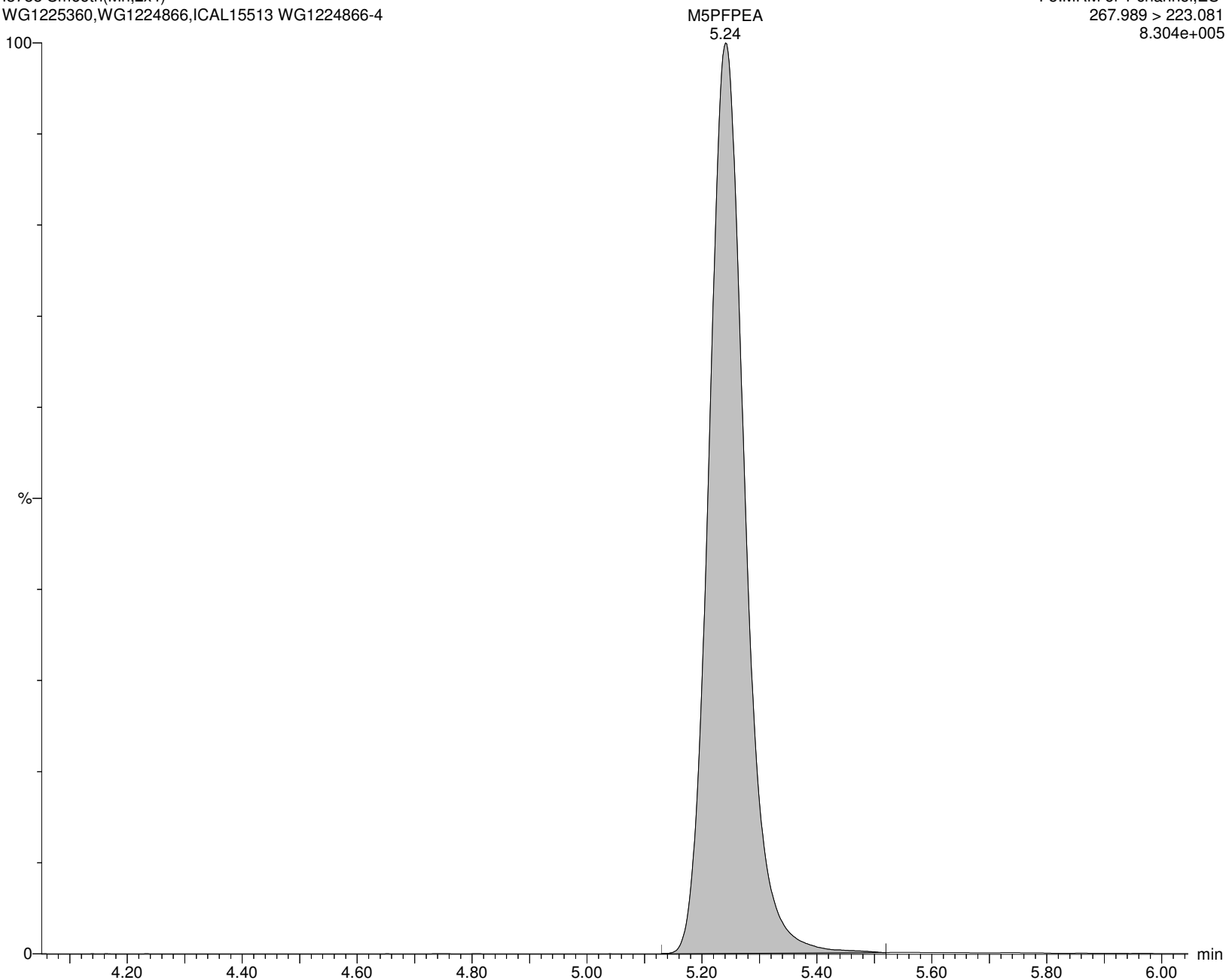
I3788 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F5:MRM of 1 channel,ES-

267.989 > 223.081

8.304e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBS

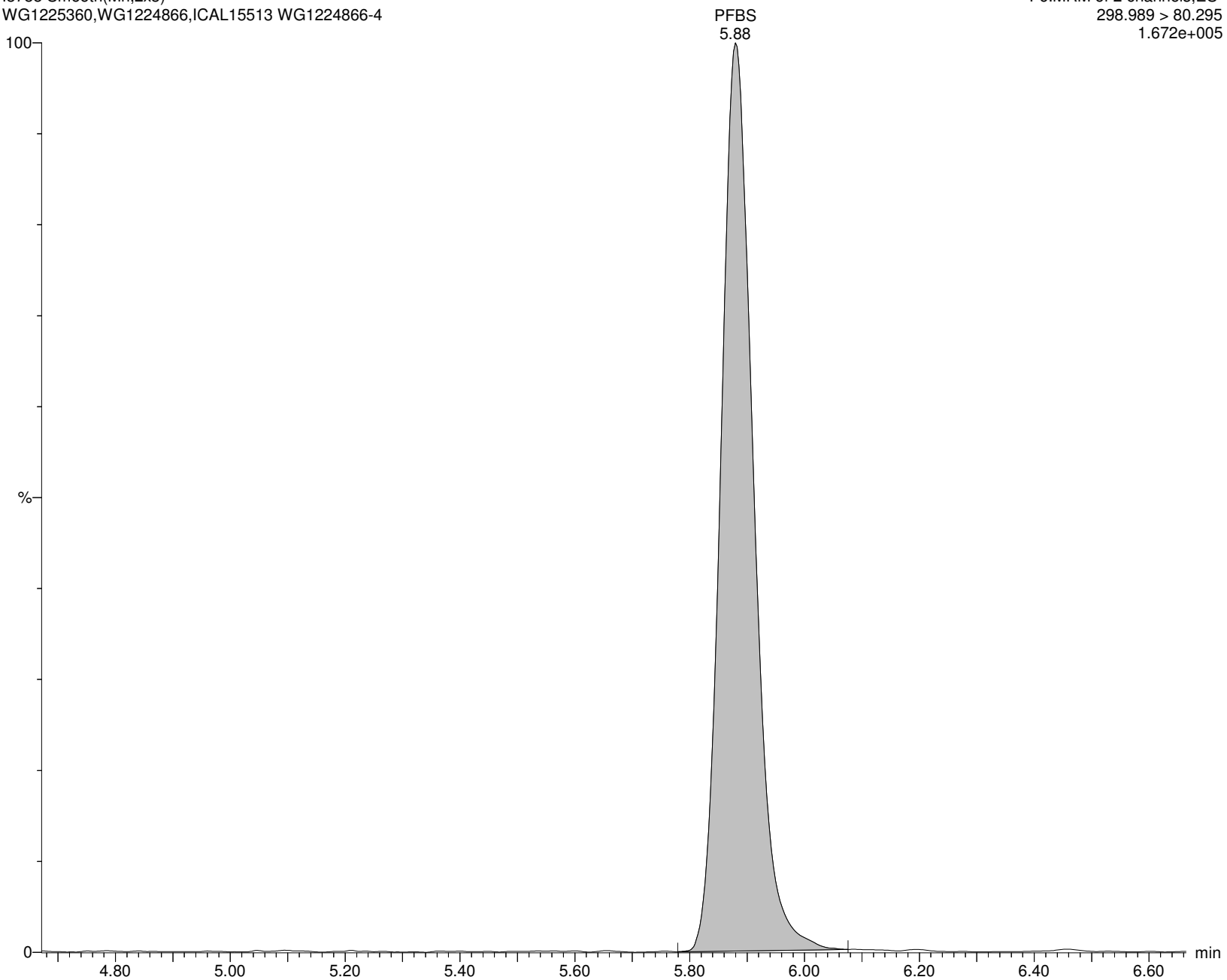
I3788 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F6:MRM of 2 channels,ES-

298.989 > 80.295

1.672e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBS

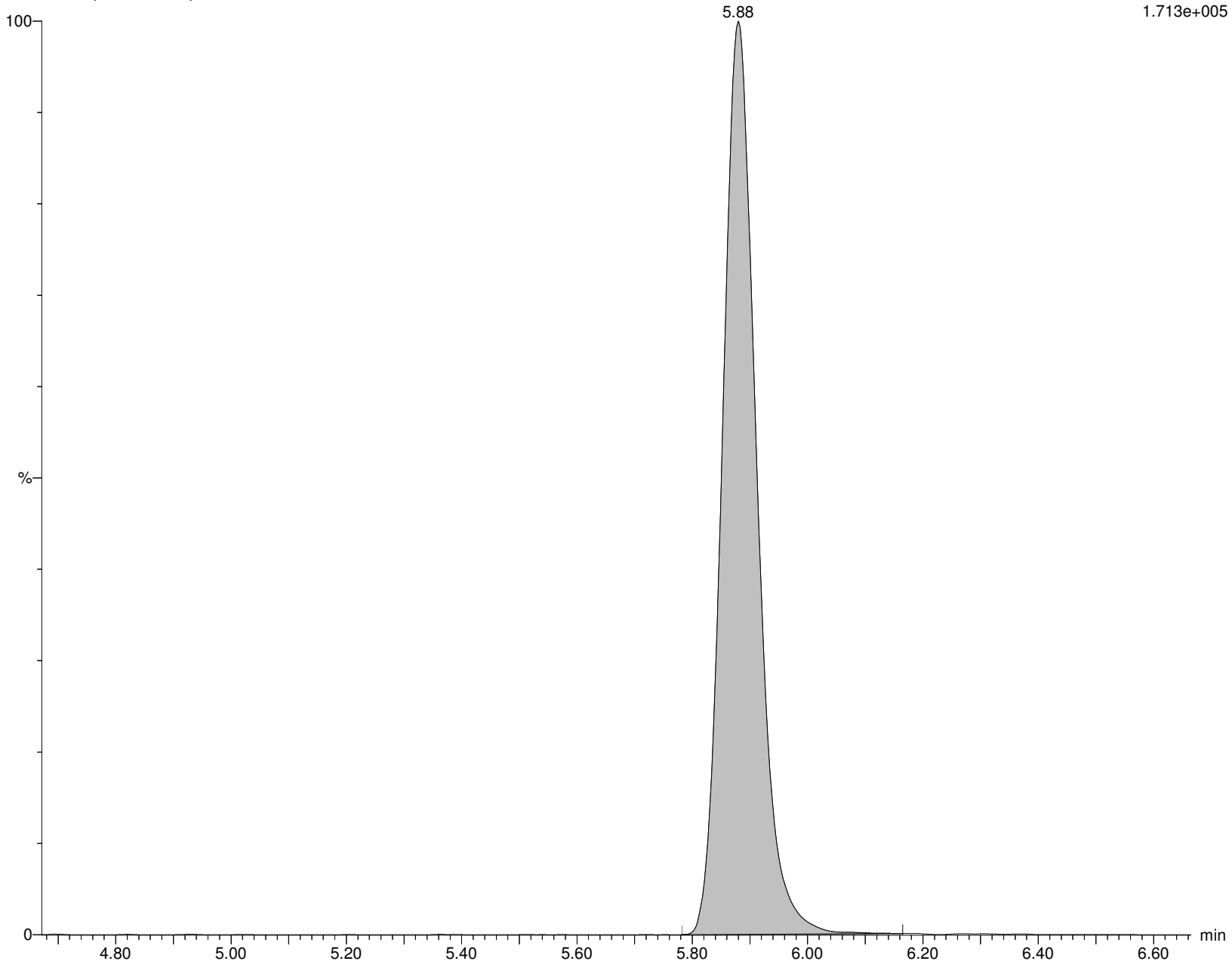
I3788 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F7:MRM of 1 channel,ES-

301.989 > 80.254

1.713e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

4:2FTS

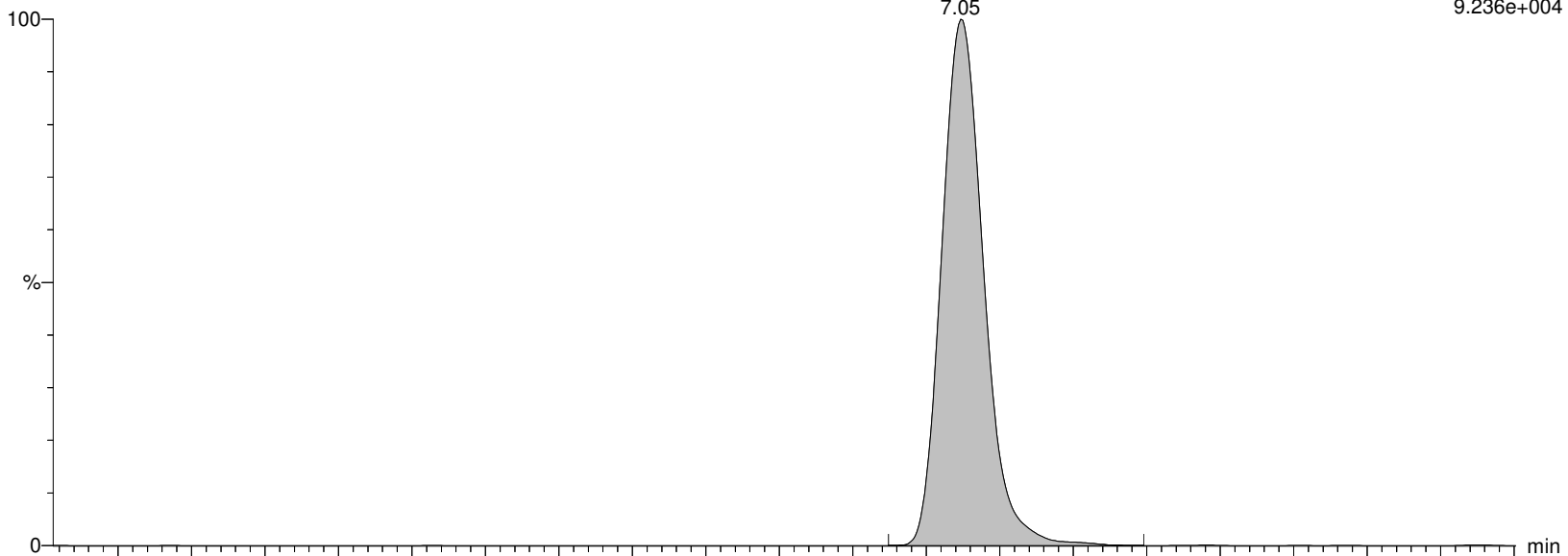
I3788 Smooth(Mn,5x3)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F10:MRM of 2 channels,ES-

326.926 > 306.957

9.236e+004



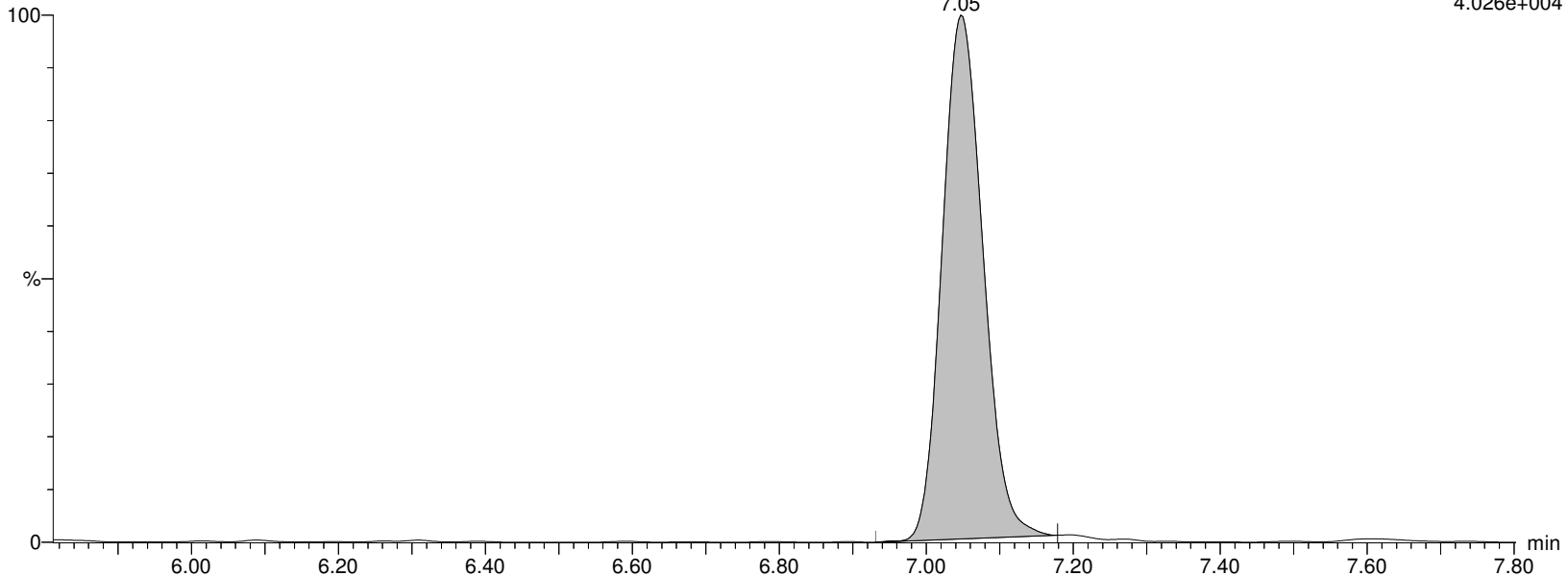
I3788 Smooth(Mn,5x3)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F10:MRM of 2 channels,ES-

326.926 > 81.02

4.026e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-4:2FTS

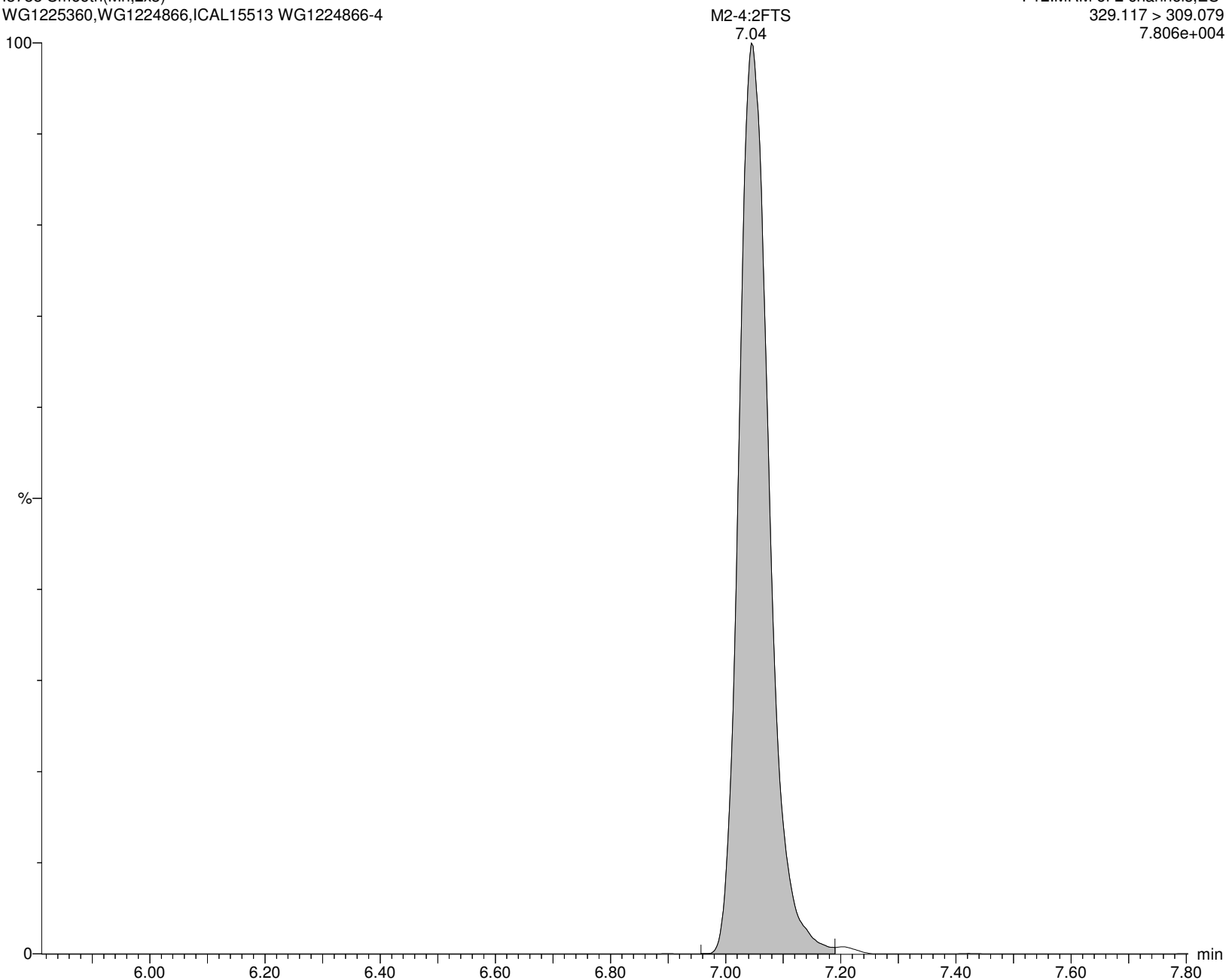
I3788 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F12:MRM of 2 channels,ES-

329.117 > 309.079

7.806e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxA

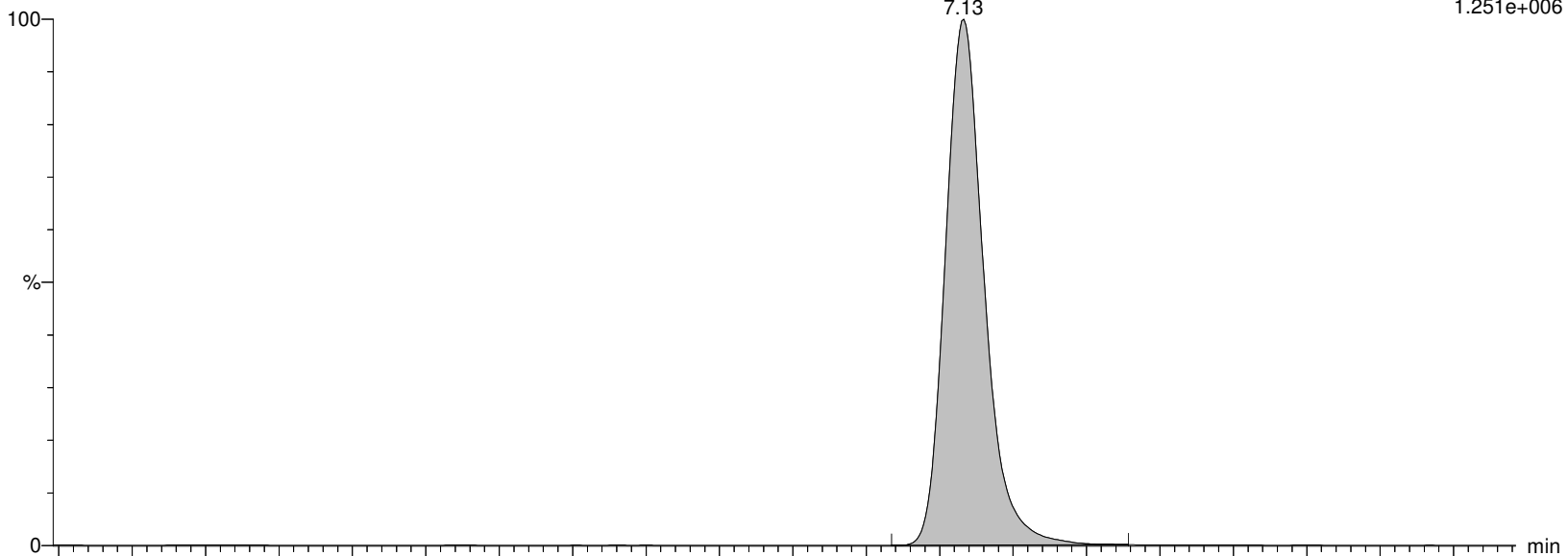
I3788 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F8:MRM of 2 channels,ES-

312.989 > 269.028

1.251e+006



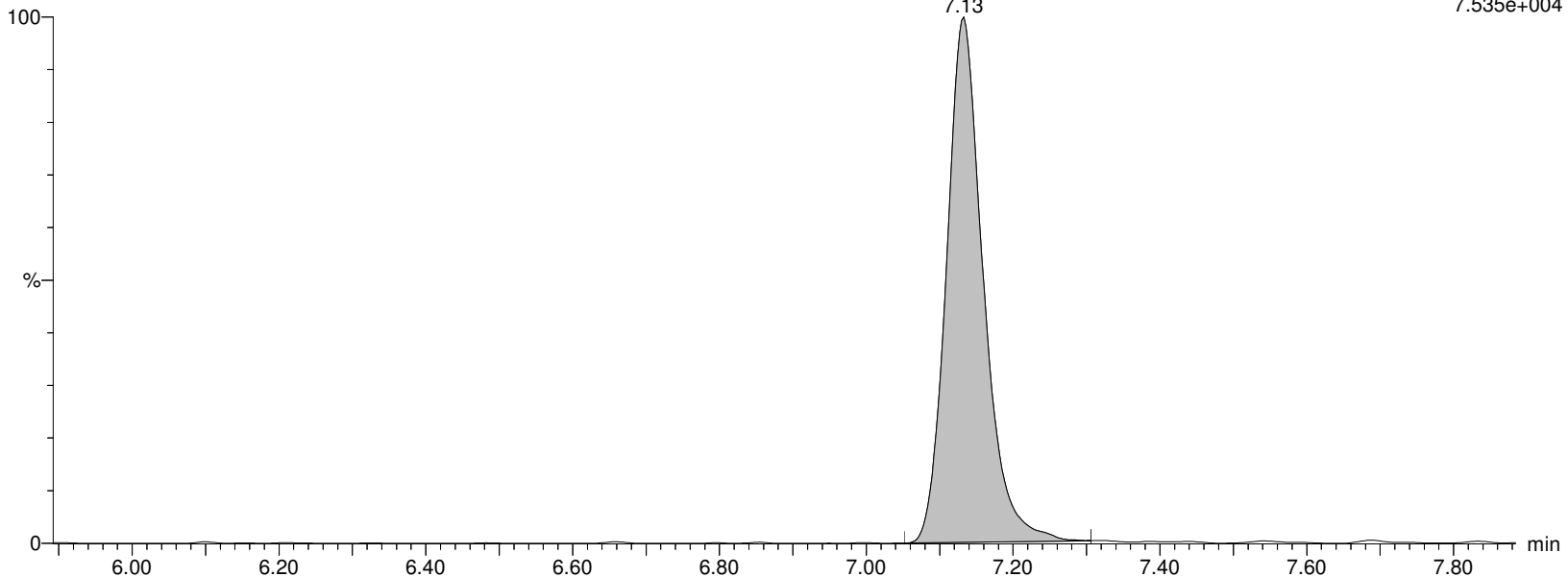
I3788 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F8:MRM of 2 channels,ES-

312.989 > 119.18

7.535e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFHxA

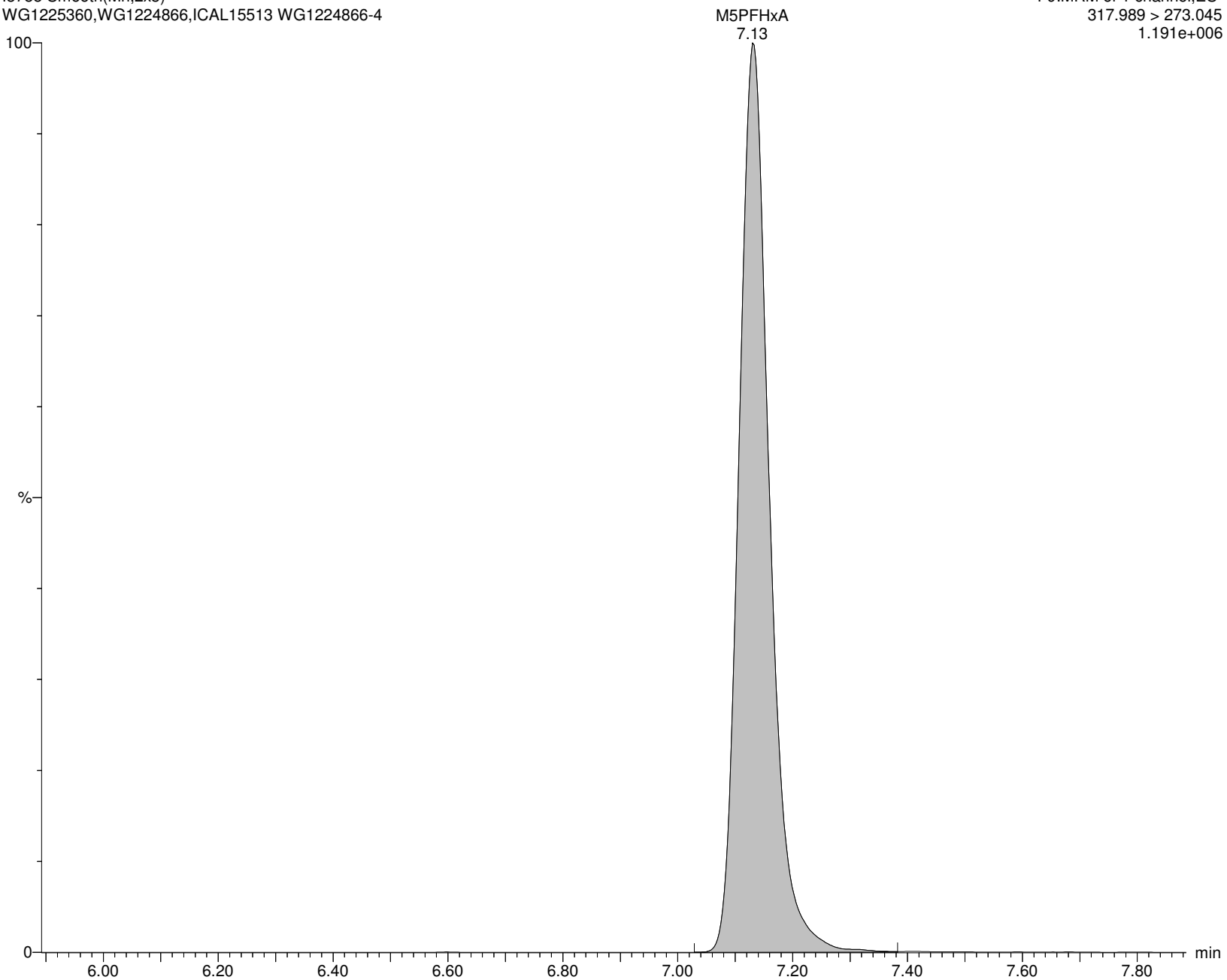
I3788 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F9:MRM of 1 channel,ES-

317.989 > 273.045

1.191e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeS

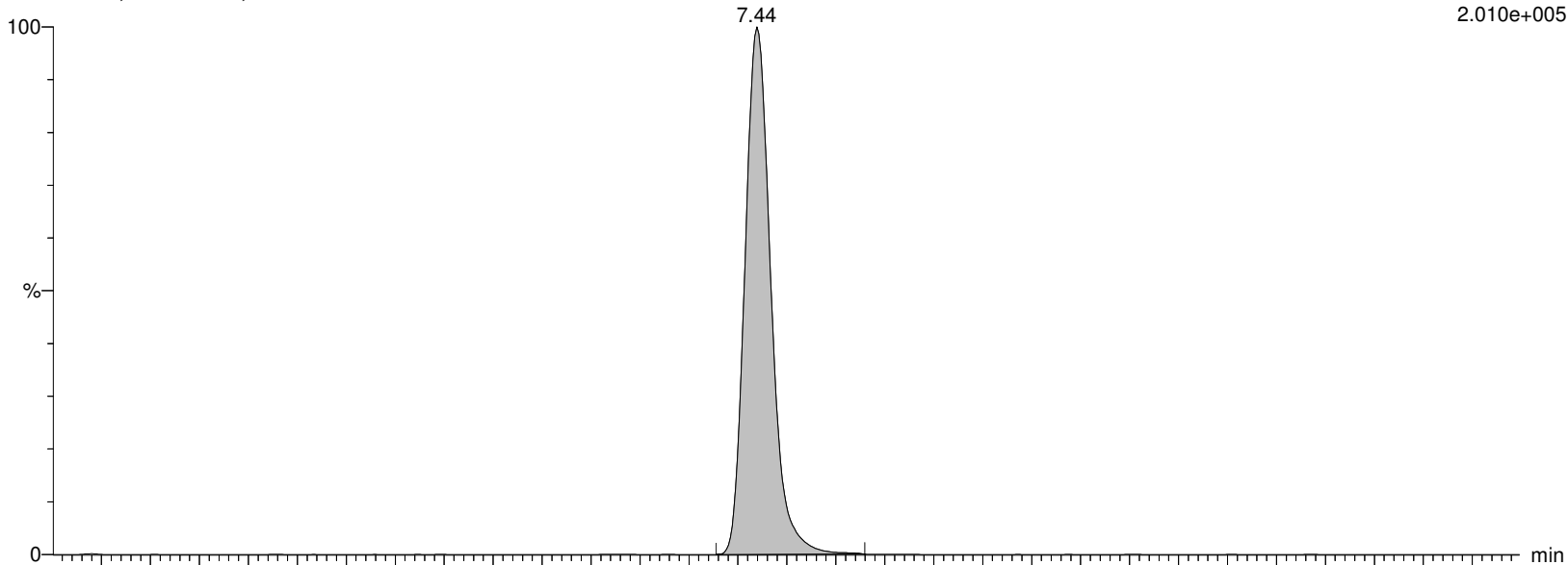
I3788 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F14:MRM of 2 channels,ES-

348.926 > 80.251

2.010e+005



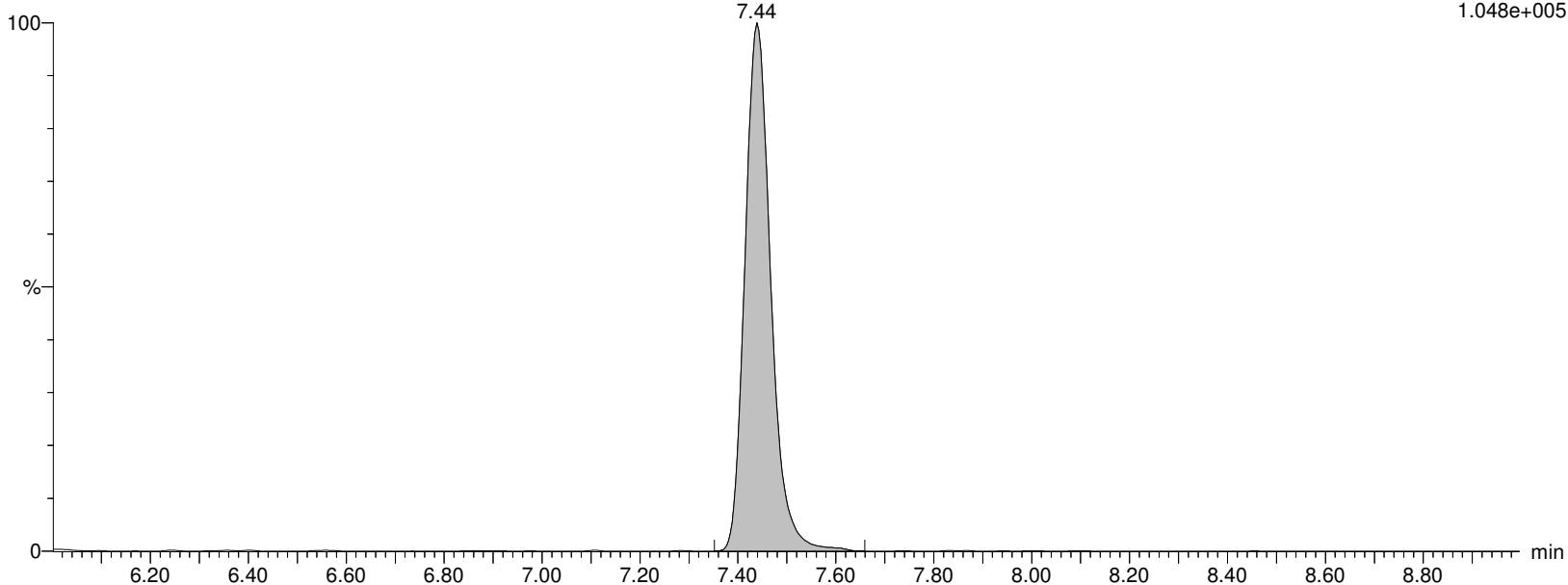
I3788 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F14:MRM of 2 channels,ES-

348.926 > 99.16

1.048e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpA

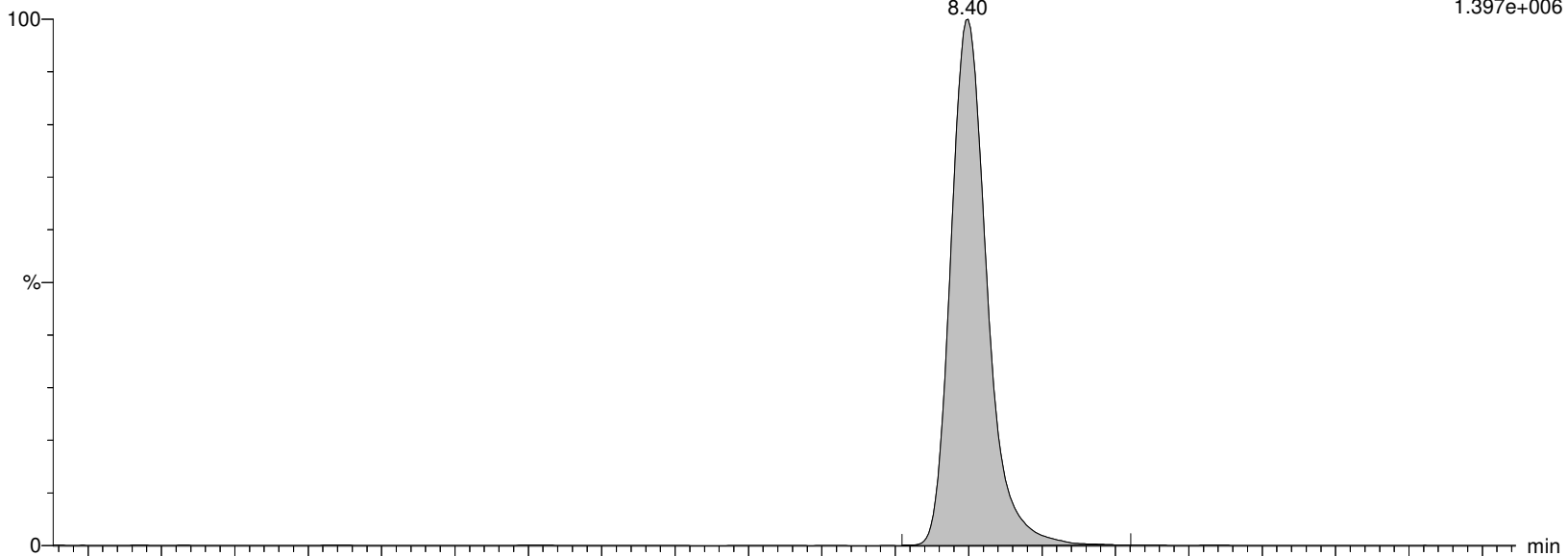
I3788 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F15:MRM of 2 channels,ES-

362.926 > 319.014

1.397e+006



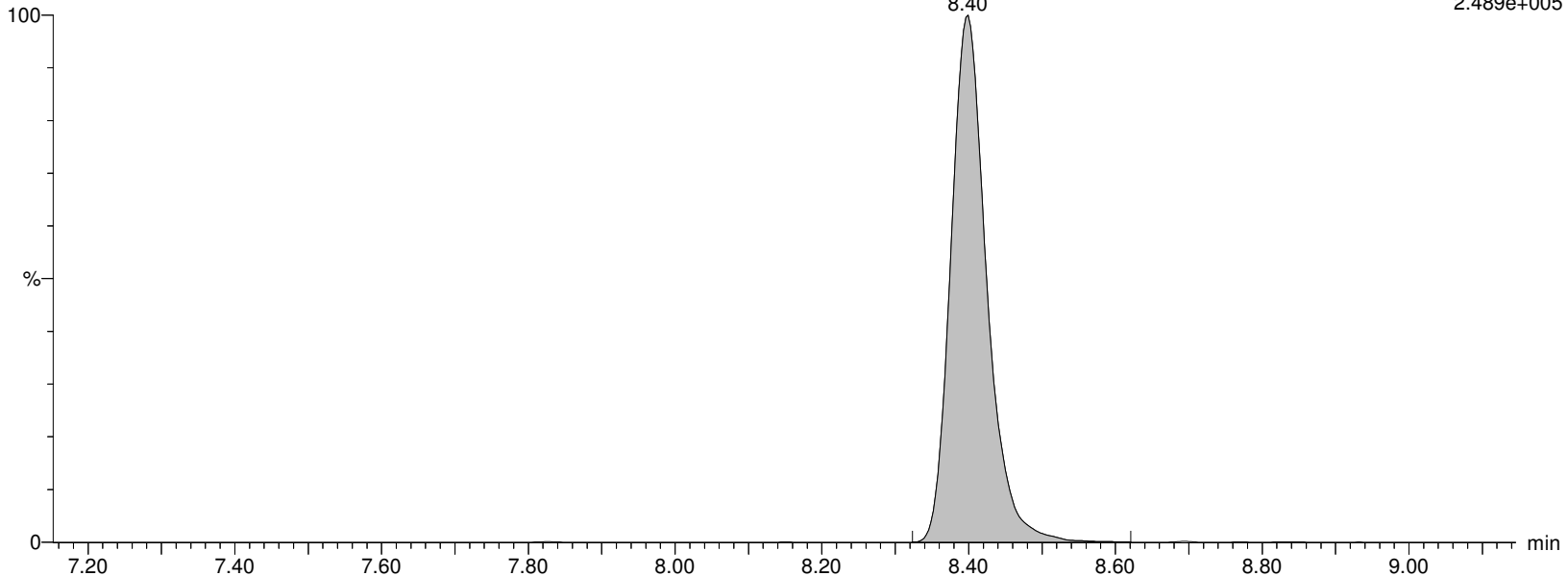
I3788 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F15:MRM of 2 channels,ES-

362.926 > 169.12

2.489e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFHpA

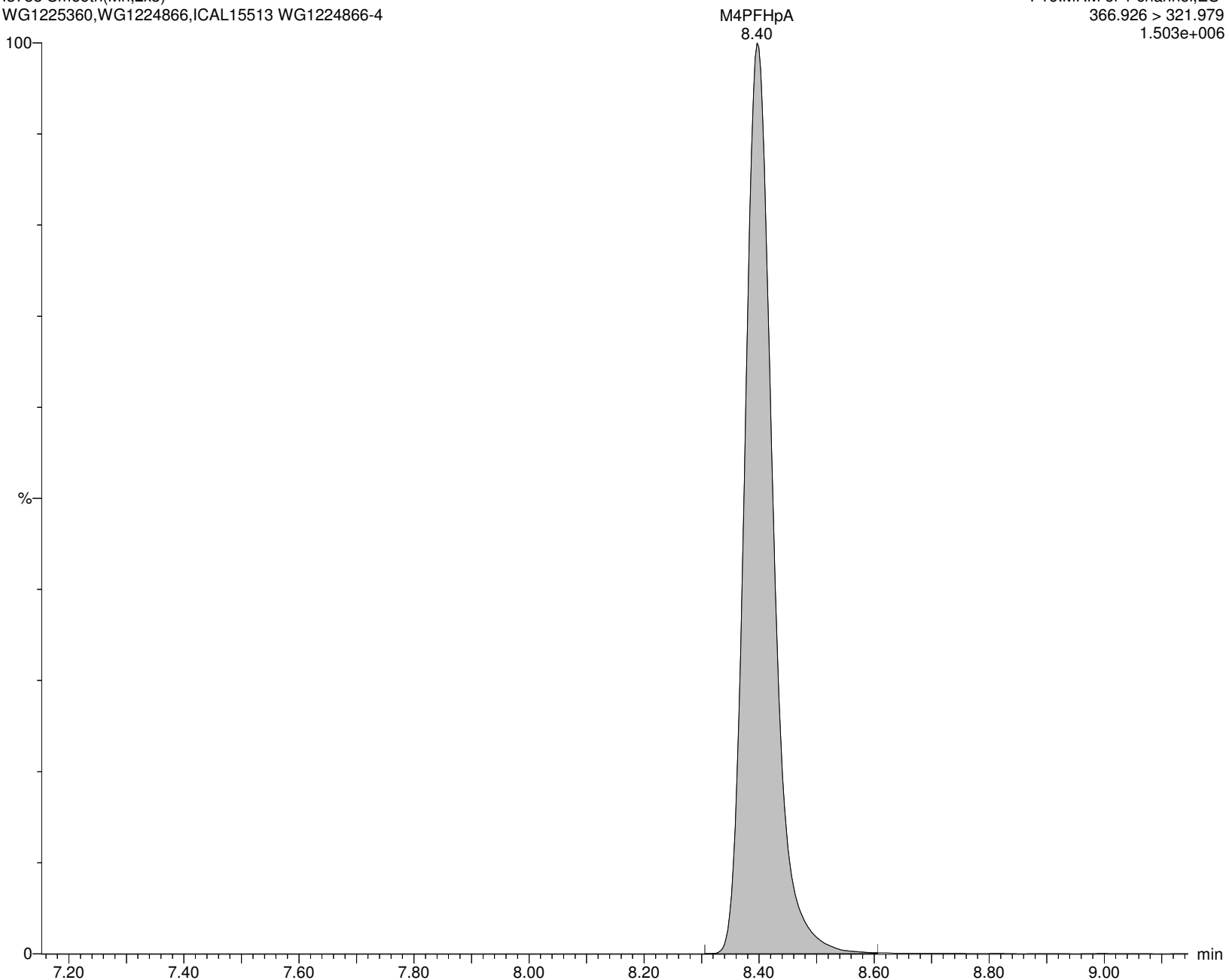
I3788 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F16:MRM of 1 channel,ES-

366.926 > 321.979

1.503e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFHxS

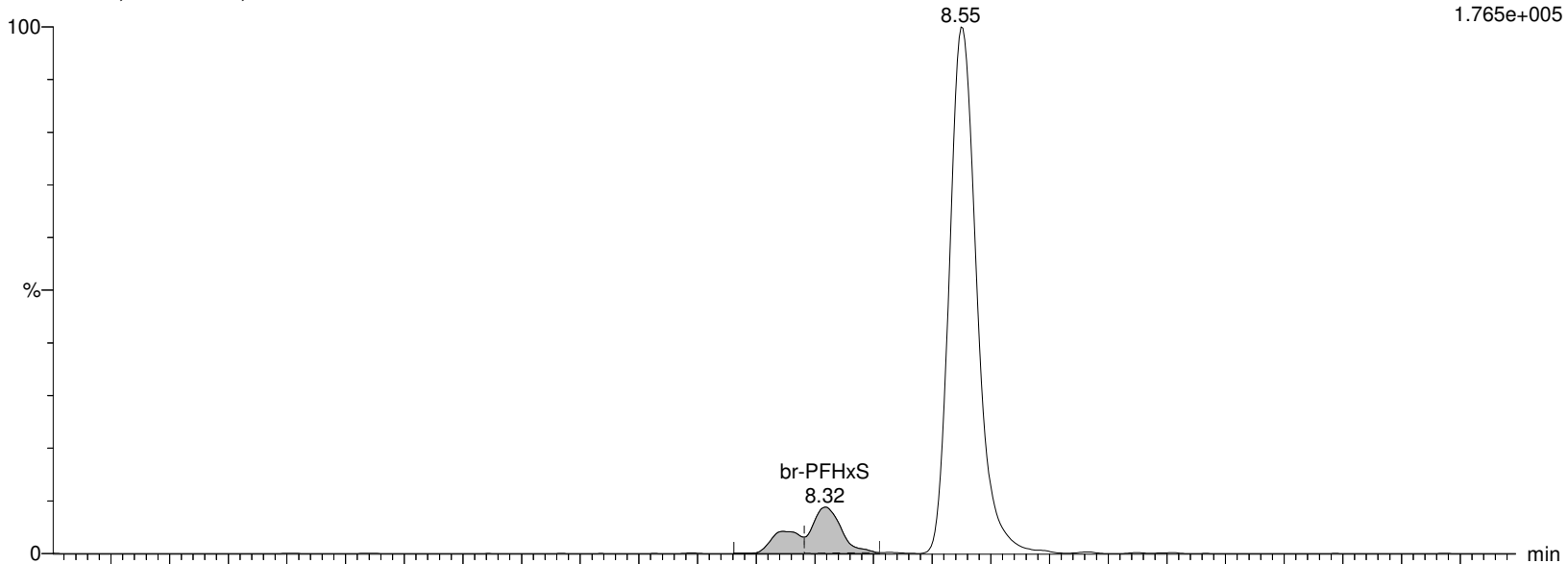
I3788 Smooth(Mn,3x2)

WG1225360, WG1224866, ICAL15513 WG1224866-4

F18:MRM of 2 channels, ES-

398.926 > 80.295

1.765e+005



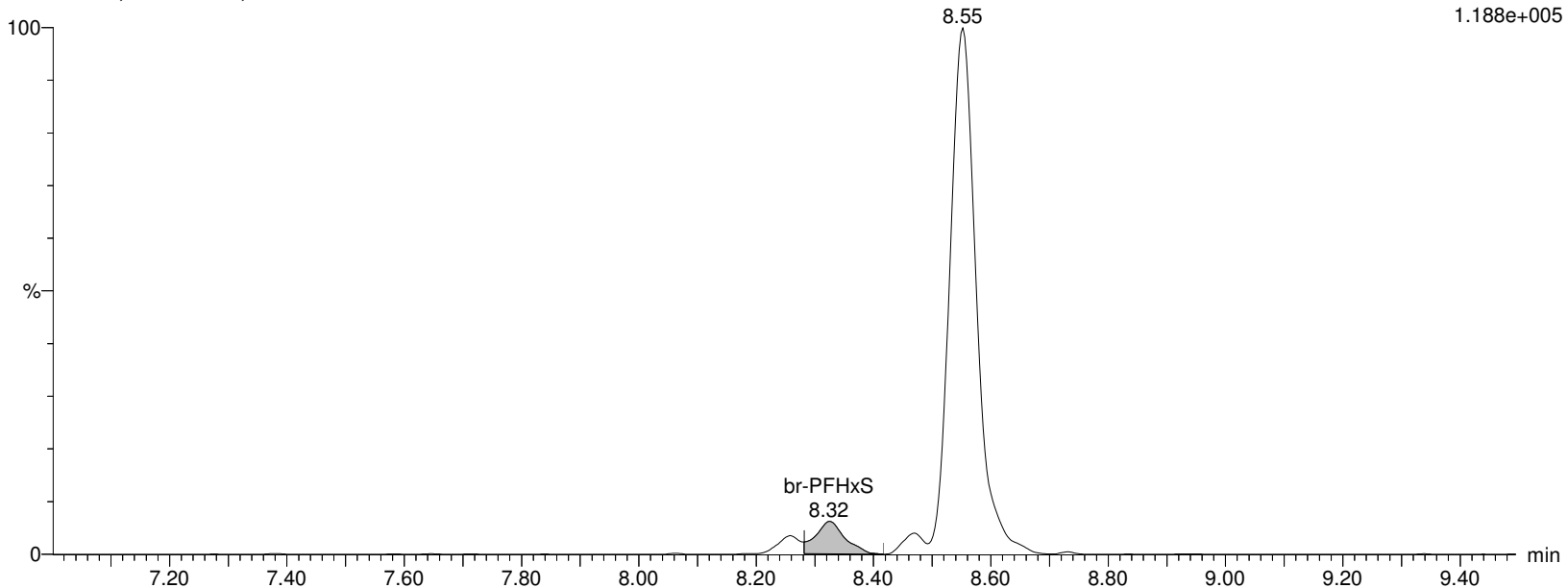
I3788 Smooth(Mn,3x2)

WG1225360, WG1224866, ICAL15513 WG1224866-4

F18:MRM of 2 channels, ES-

398.926 > 99.2

1.188e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFHxS

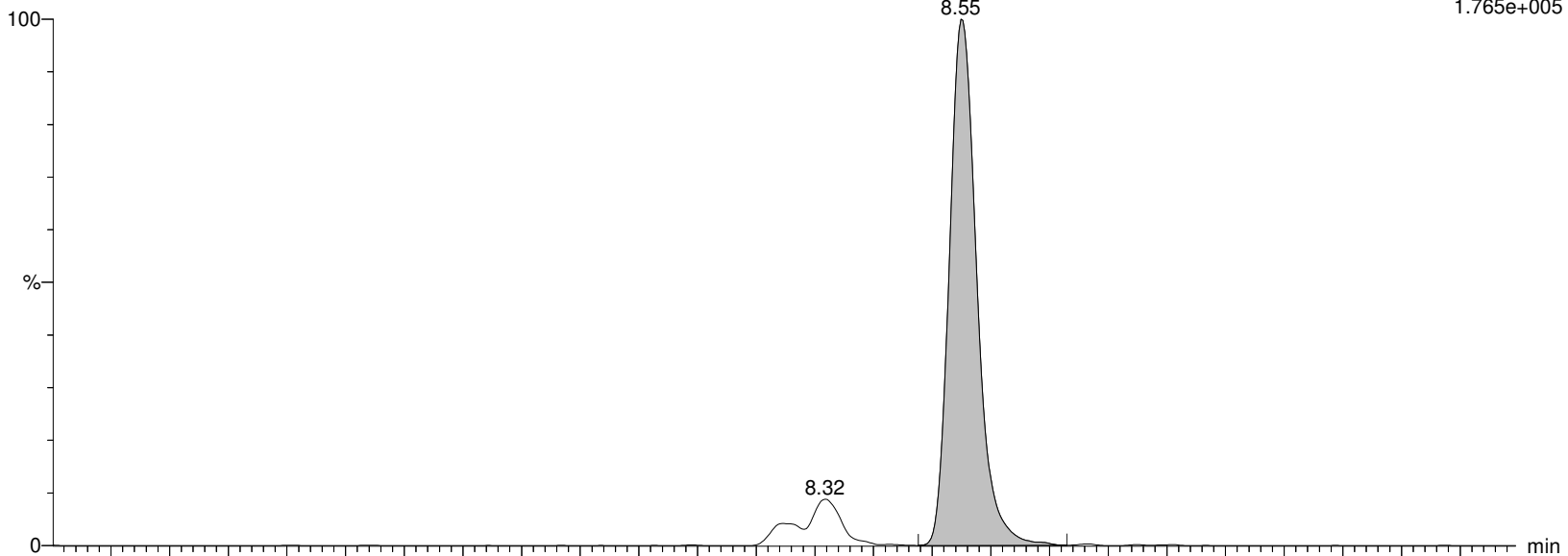
I3788 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F18:MRM of 2 channels,ES-

398.926 > 80.295

1.765e+005



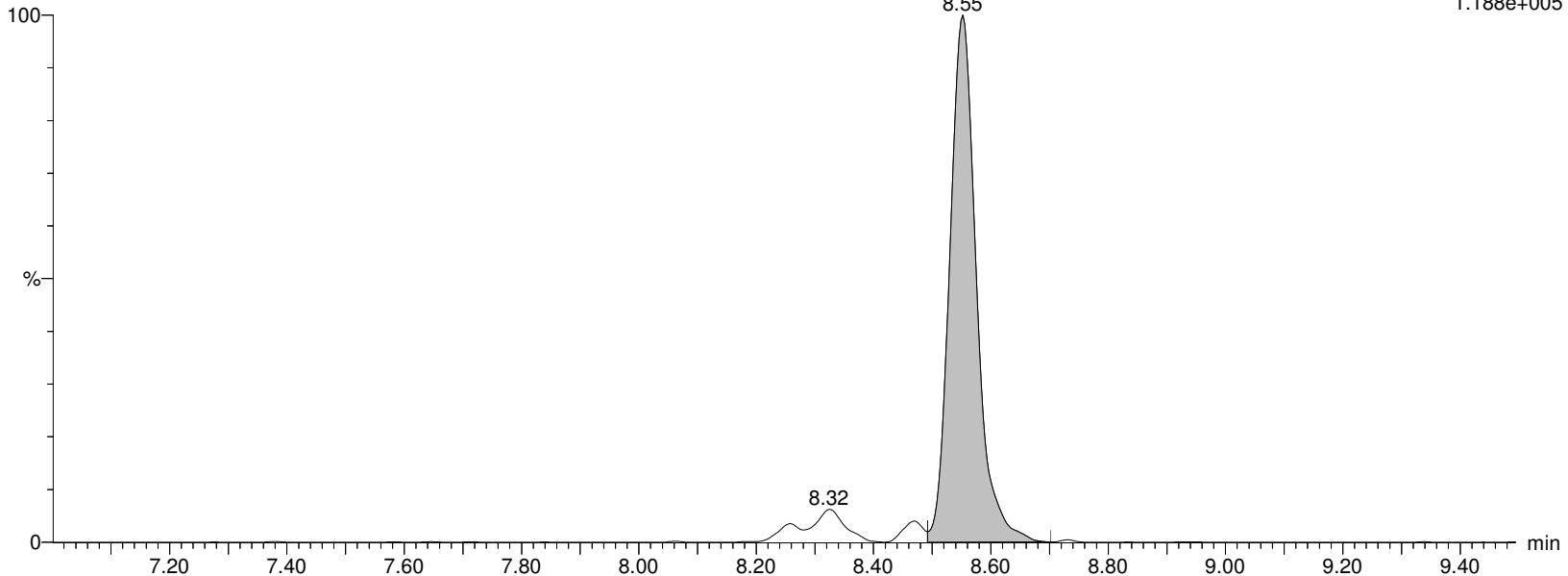
I3788 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F18:MRM of 2 channels,ES-

398.926 > 99.2

1.188e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxS

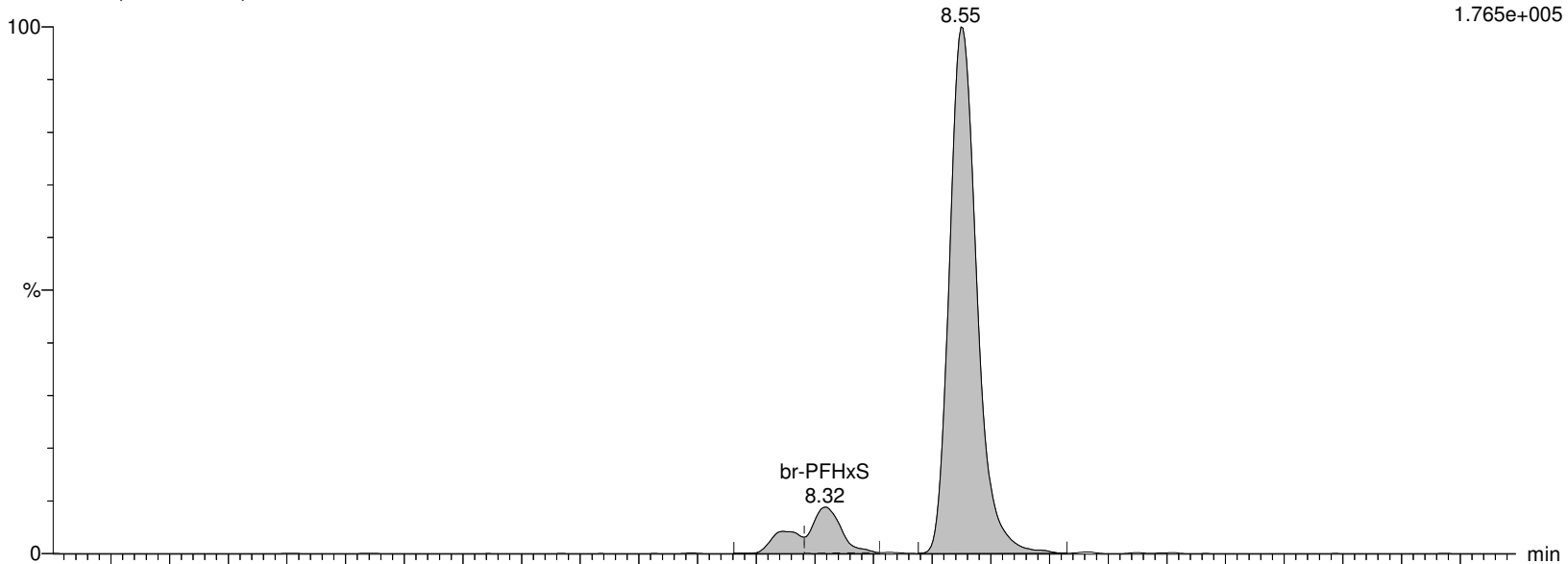
I3788 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F18:MRM of 2 channels,ES-

398.926 > 80.295

1.765e+005



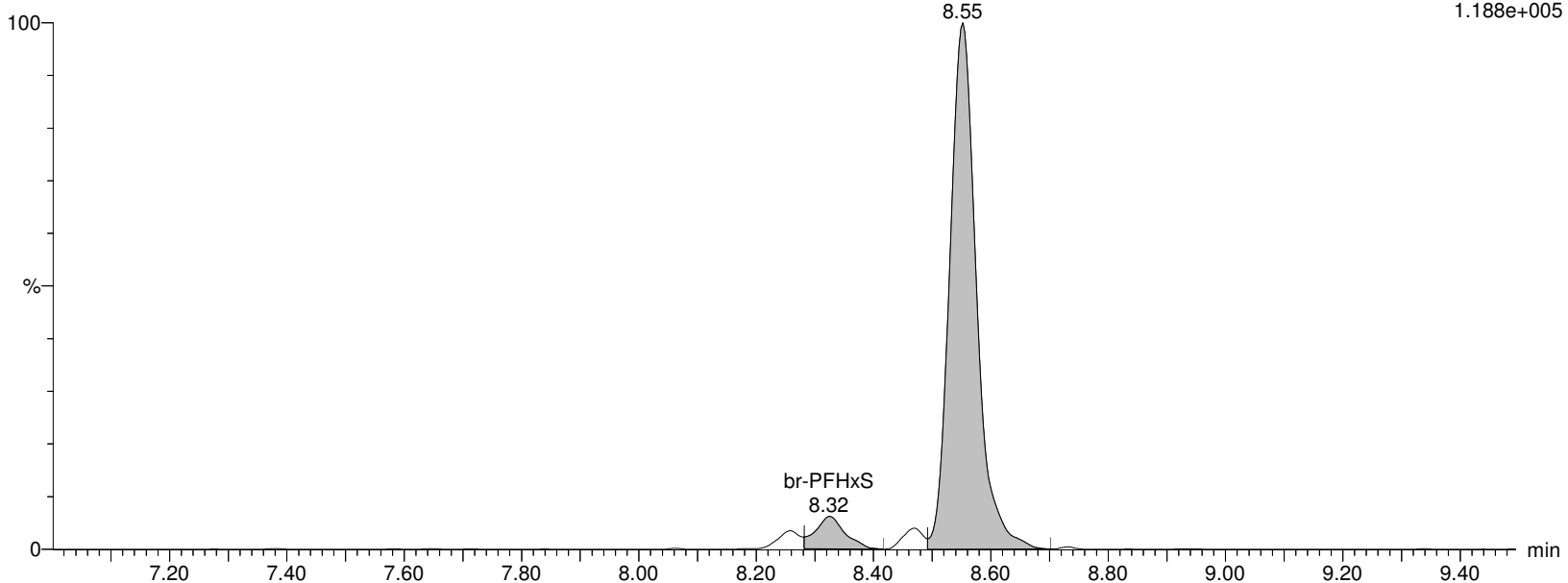
I3788 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F18:MRM of 2 channels,ES-

398.926 > 99.2

1.188e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFHxS

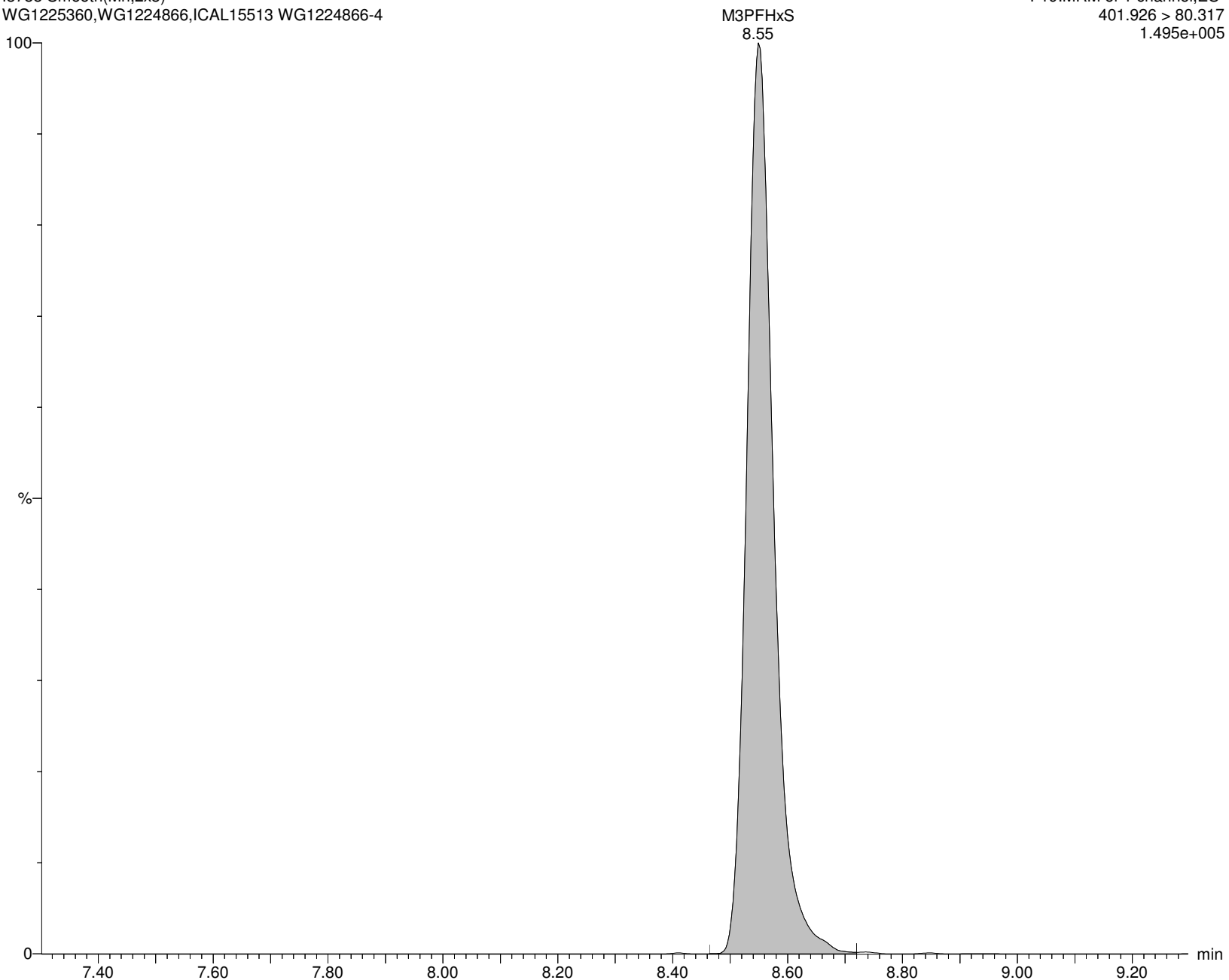
I3788 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F19:MRM of 1 channel,ES-

401.926 > 80.317

1.495e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOA

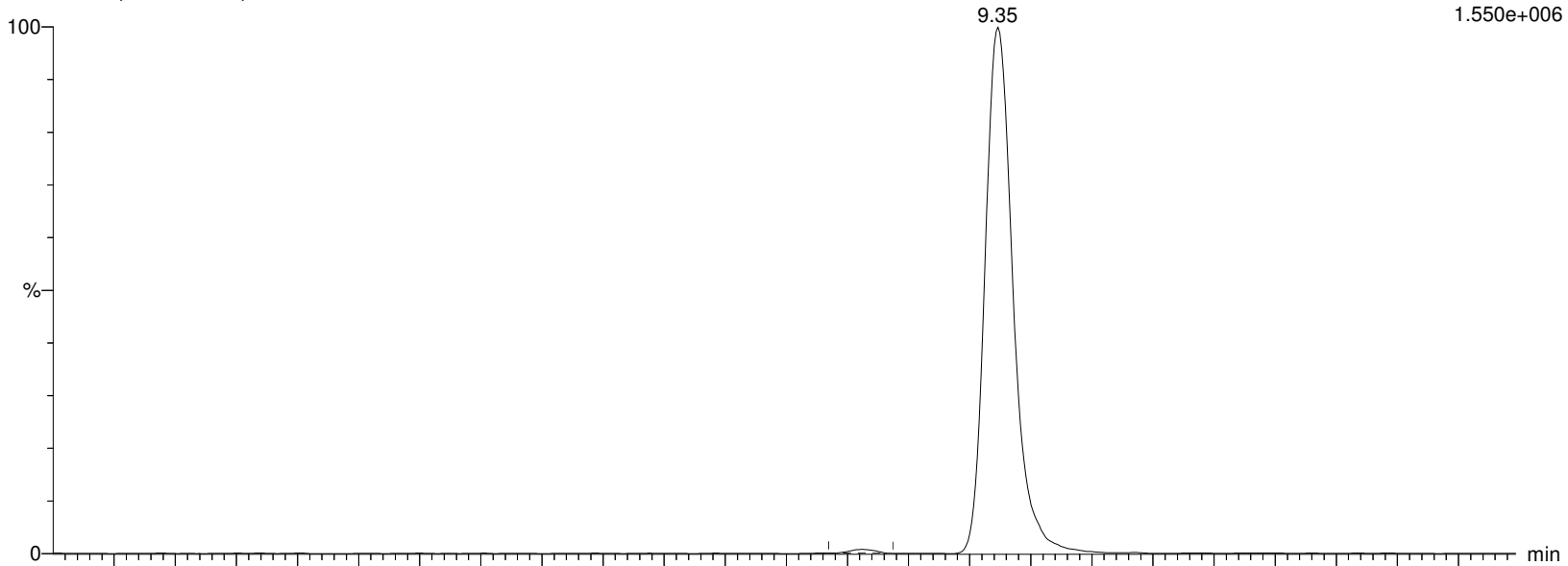
I3788 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-4

F20:MRM of 2 channels, ES-

412.989 > 368.9

1.550e+006



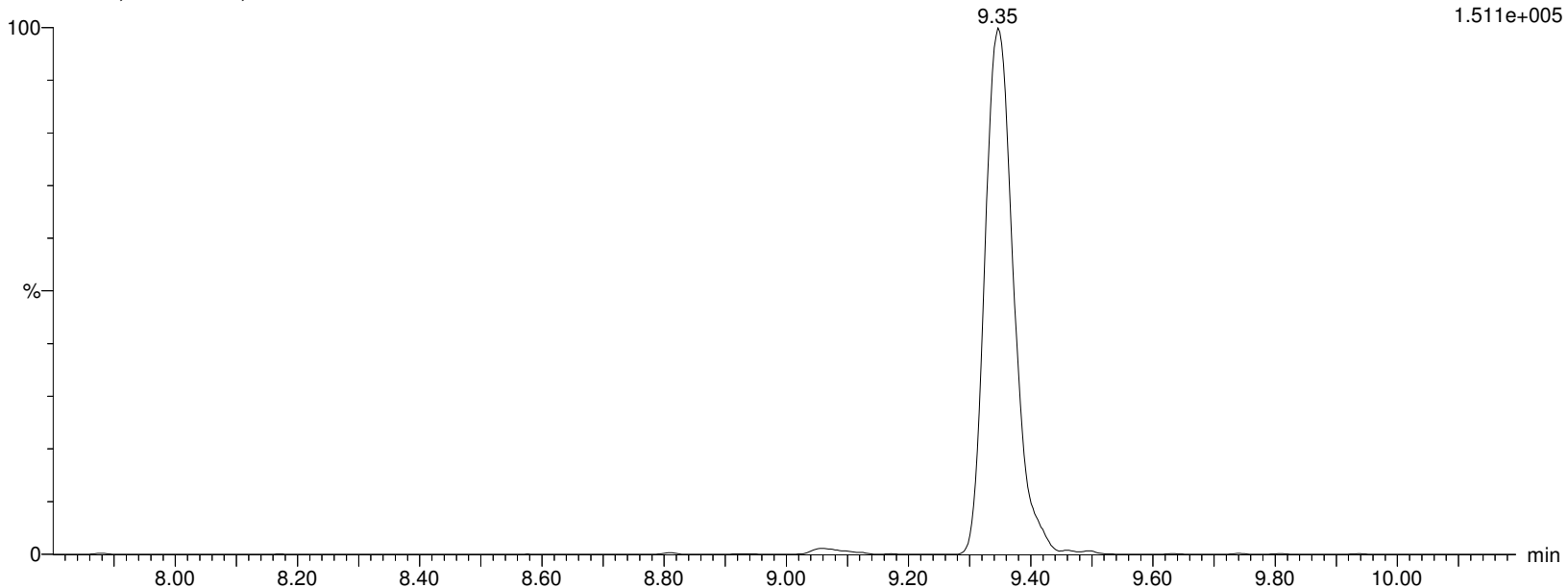
I3788 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-4

F20:MRM of 2 channels, ES-

412.989 > 219.08

1.511e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOA

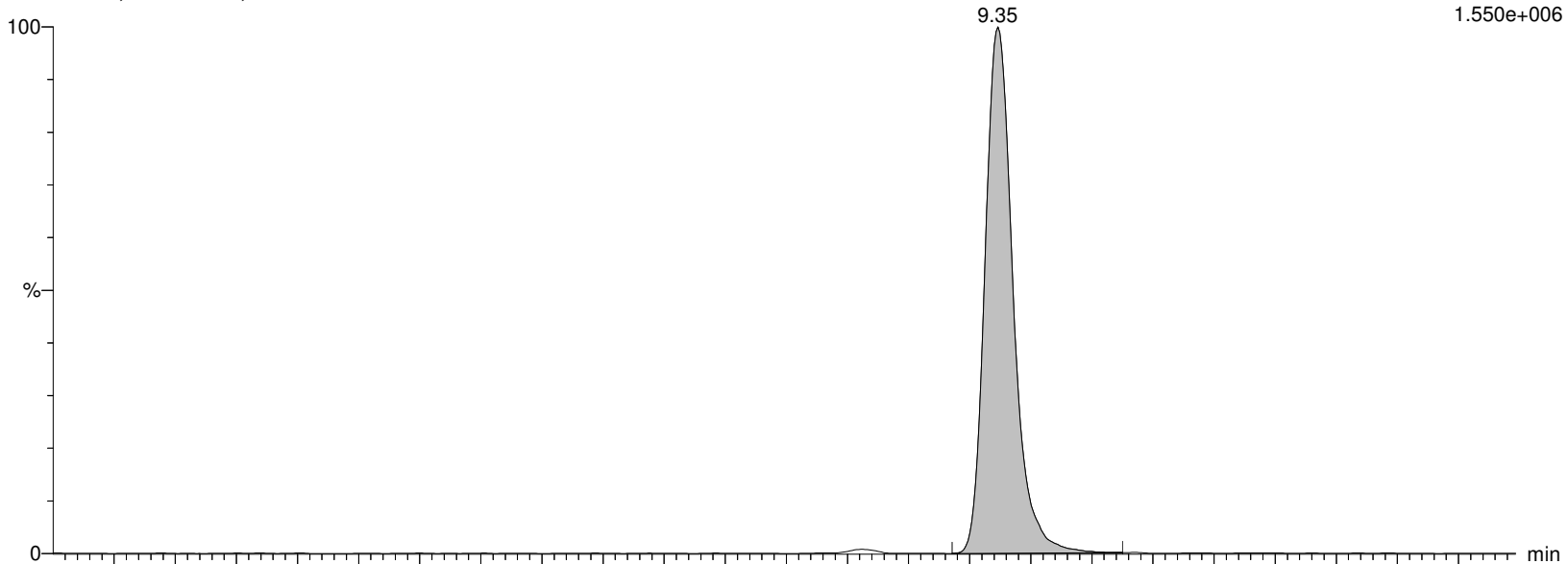
I3788 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-4

F20:MRM of 2 channels, ES-

412.989 > 368.9

1.550e+006



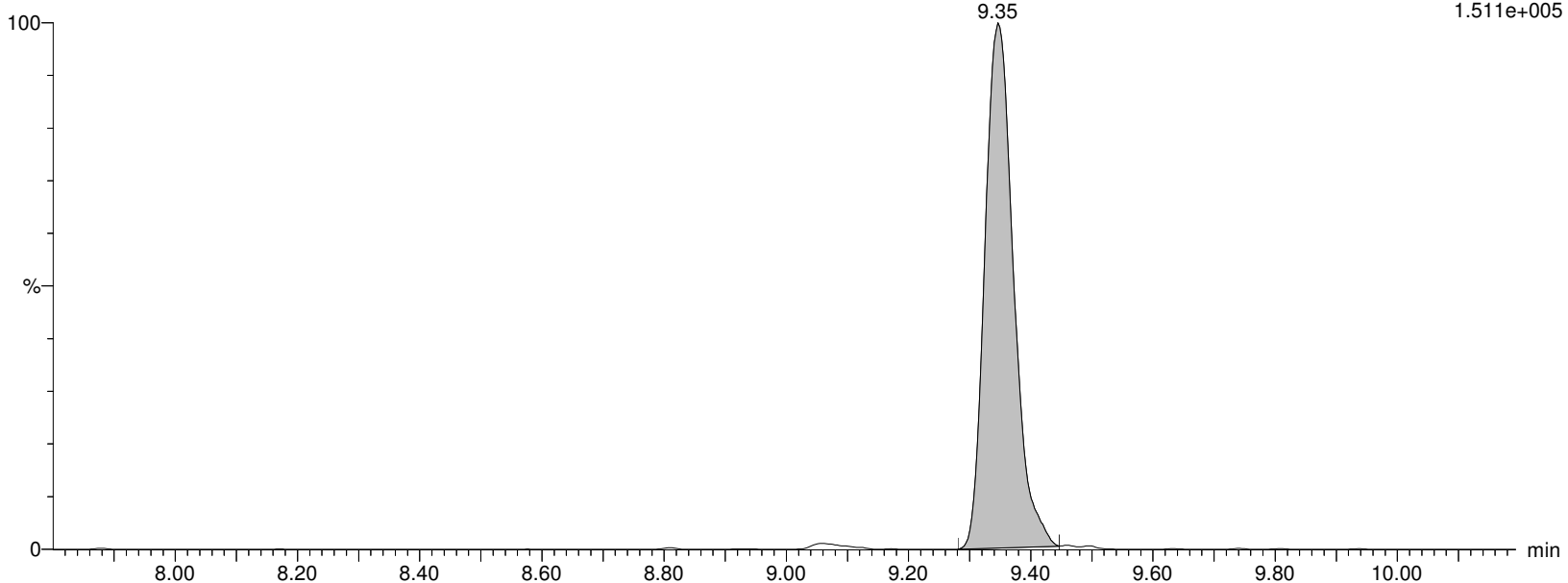
I3788 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-4

F20:MRM of 2 channels, ES-

412.989 > 219.08

1.511e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFOA

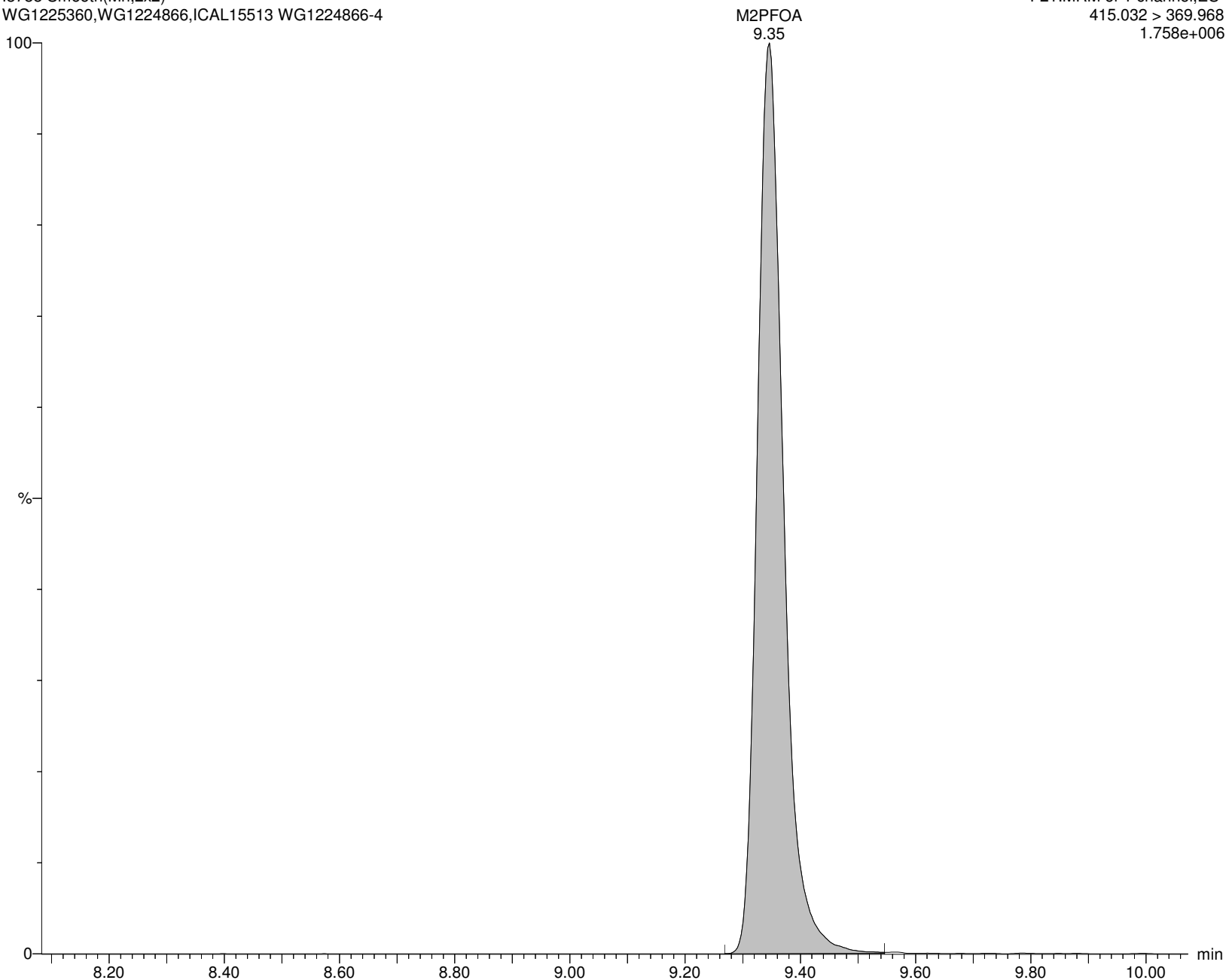
I3788 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F21:MRM of 1 channel,ES-

415.032 > 369.968

1.758e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOA

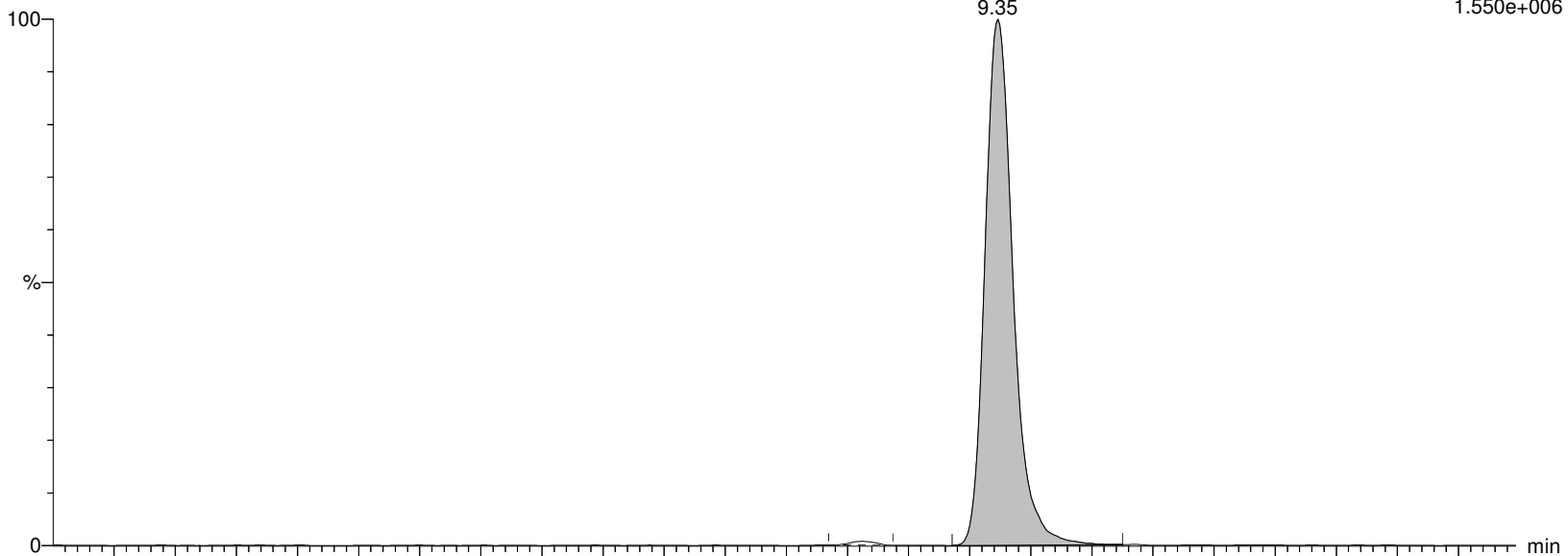
I3788 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-4

F20:MRM of 2 channels, ES-

412.989 > 368.9

1.550e+006



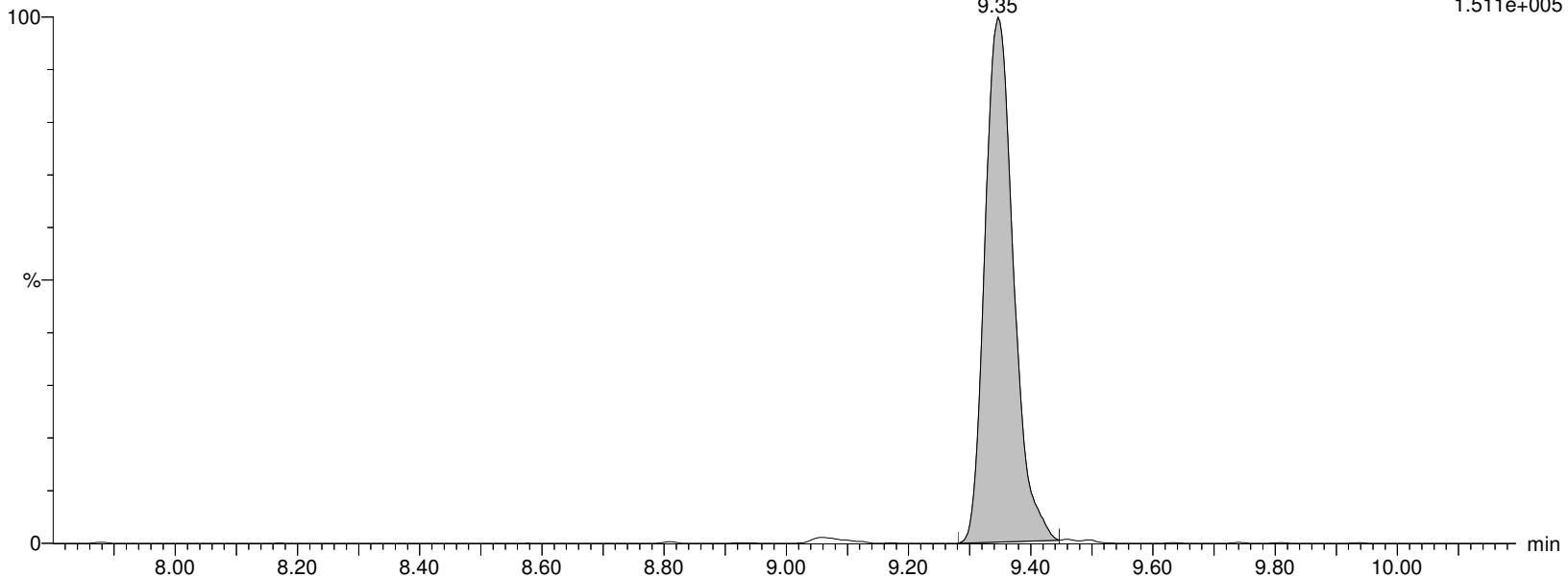
I3788 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-4

F20:MRM of 2 channels, ES-

412.989 > 219.08

1.511e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOA

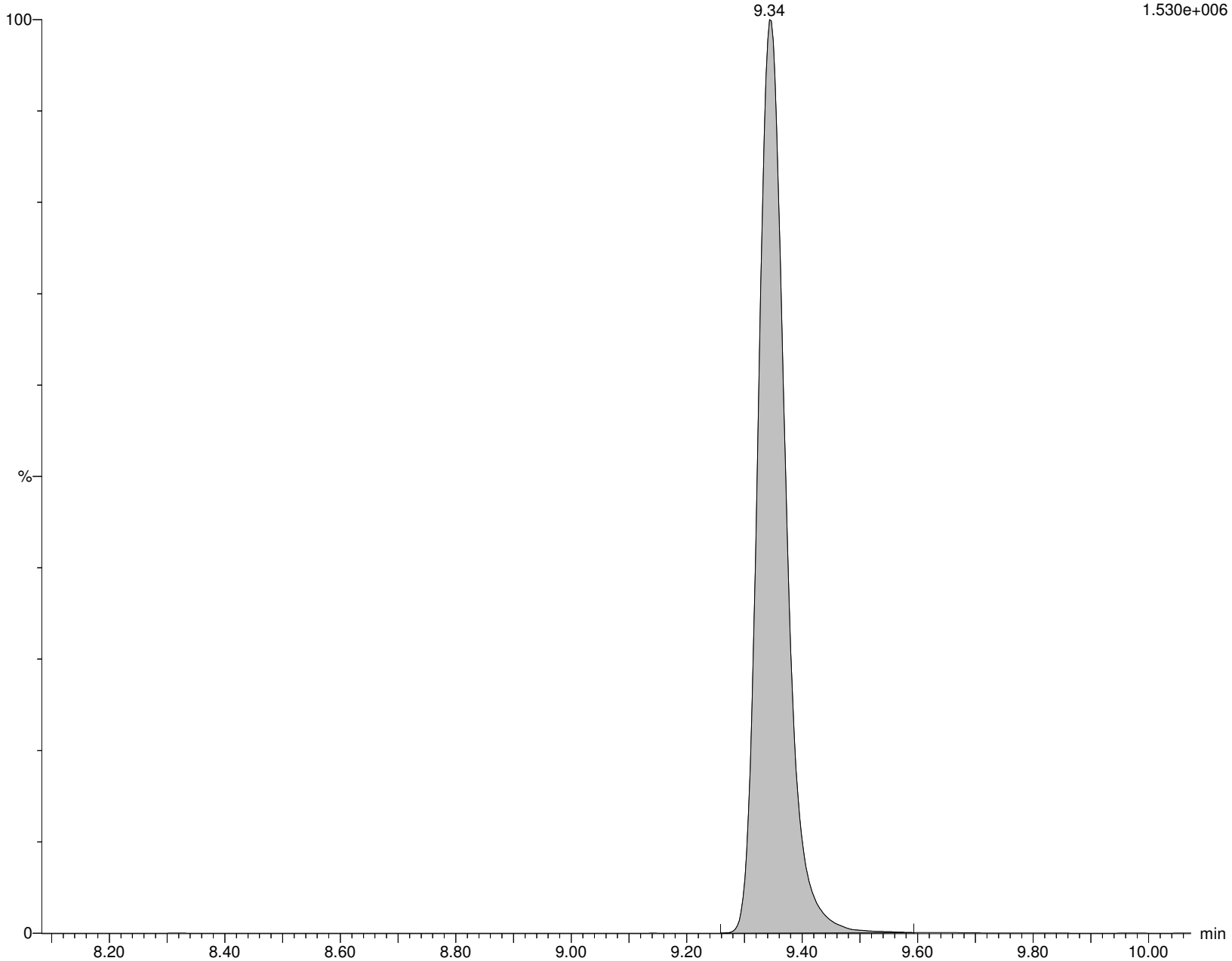
I3788 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F22:MRM of 1 channel,ES-

420.989 > 375.979

1.530e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

6:2FTS

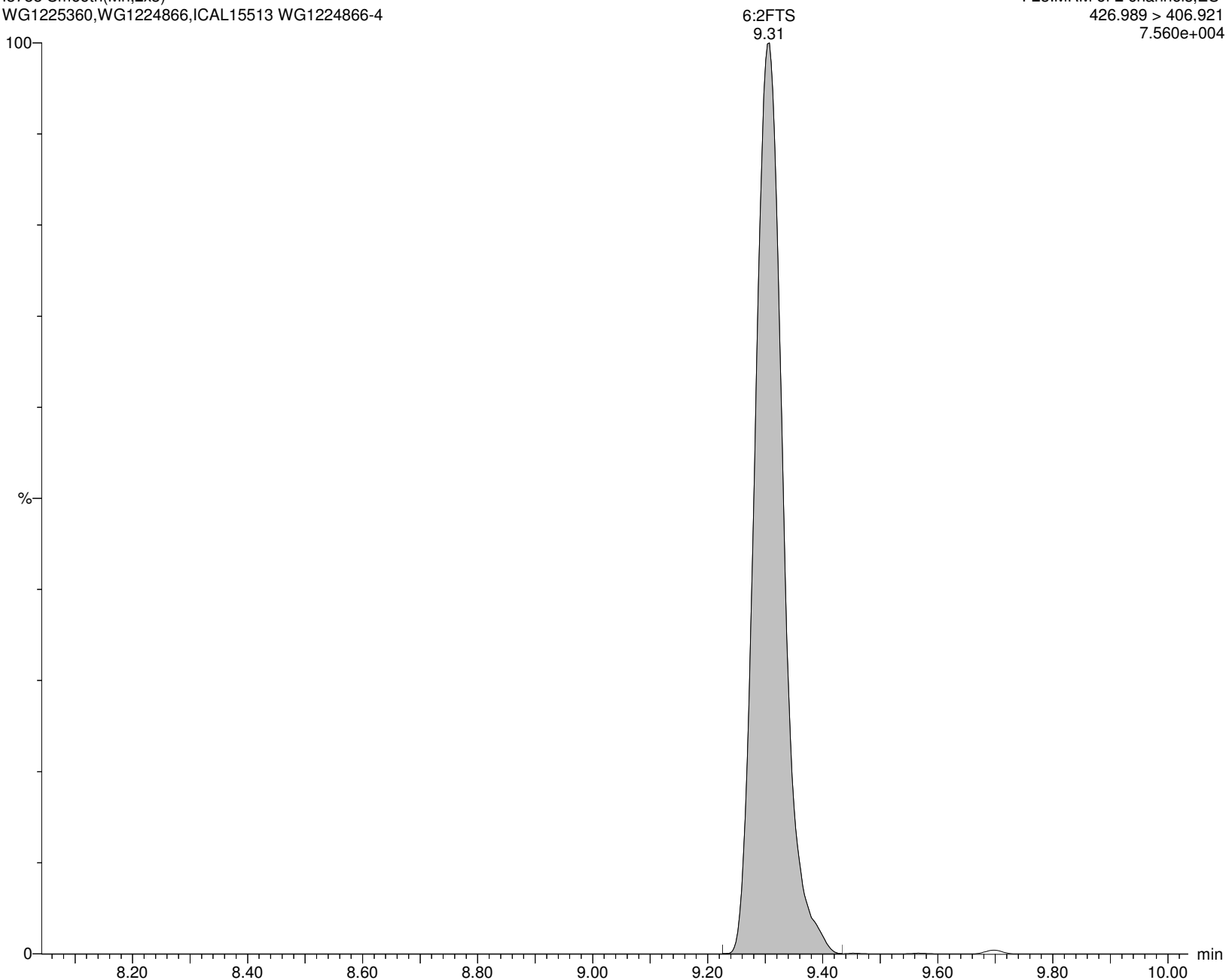
I3788 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F23:MRM of 2 channels,ES-

426.989 > 406.921

7.560e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-6:2FTS

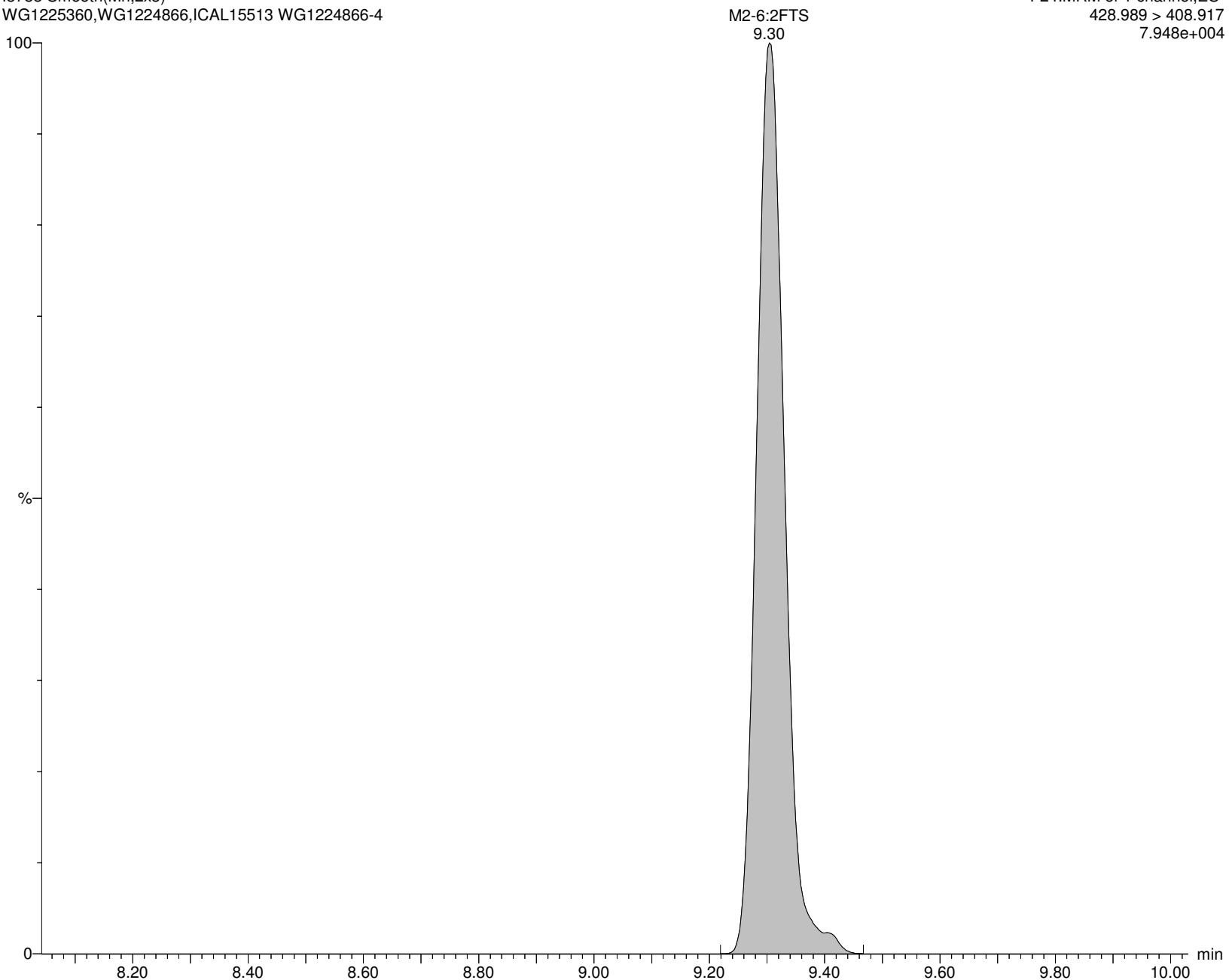
I3788 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F24:MRM of 1 channel,ES-

428.989 > 408.917

7.948e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpS

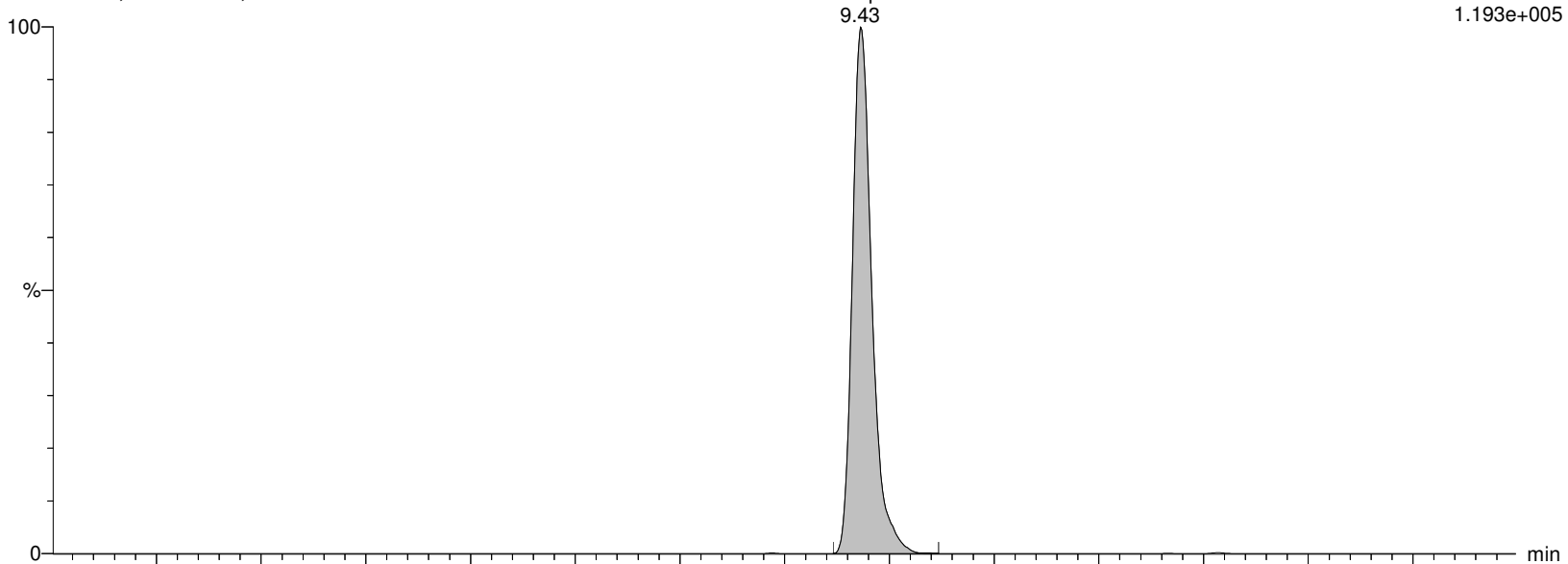
I3788 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F25:MRM of 2 channels,ES-

448.926 > 80.257

1.193e+005



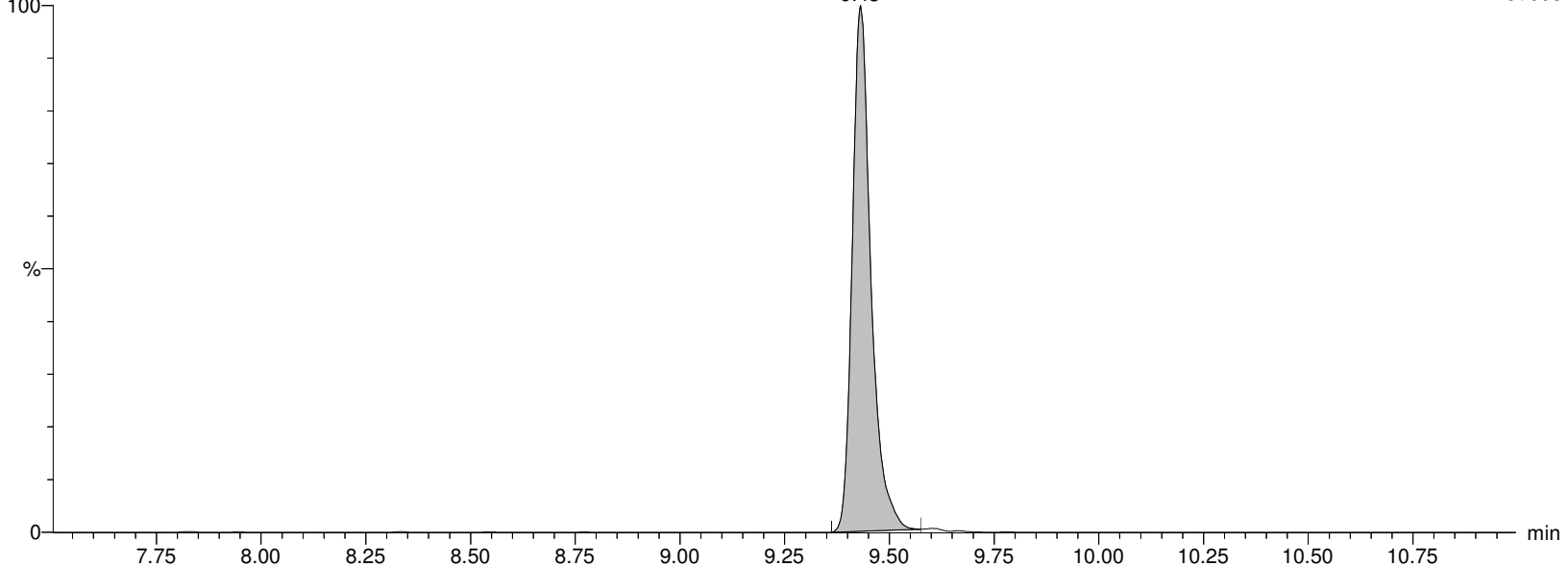
I3788 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F25:MRM of 2 channels,ES-

448.926 > 99.22

1.271e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNA

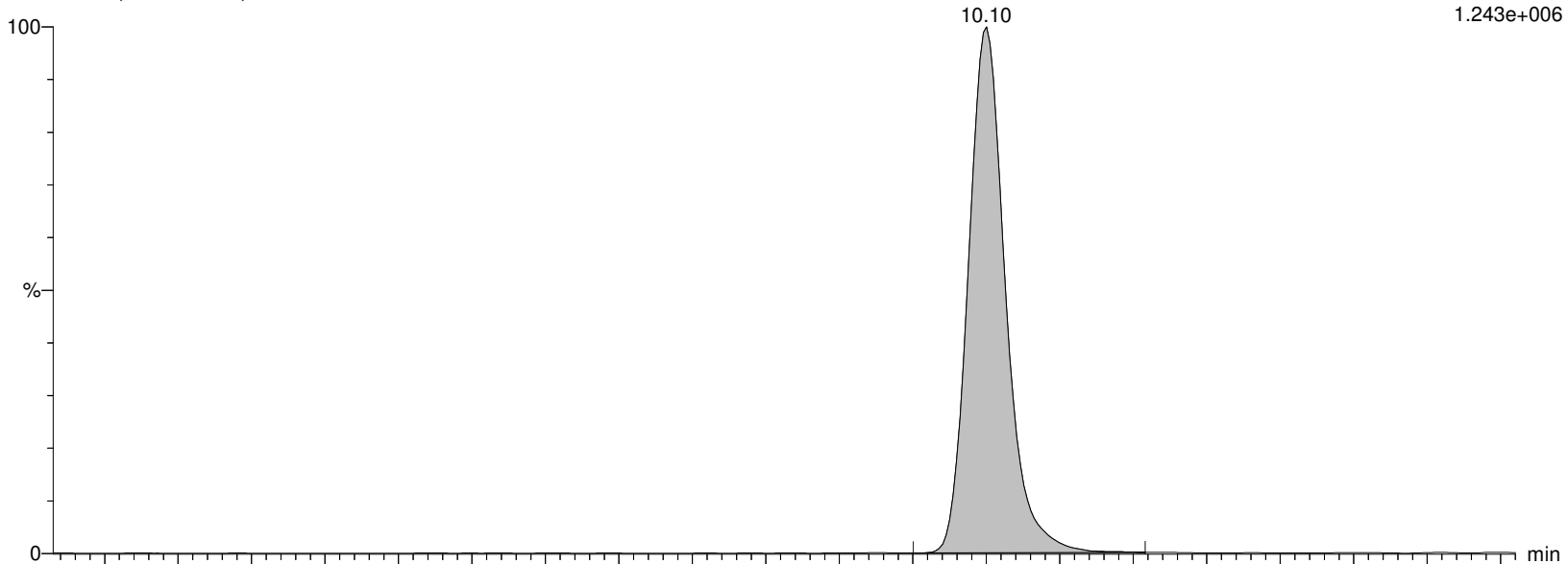
I3788 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F26:MRM of 2 channels,ES-

462.989 > 418.931

1.243e+006



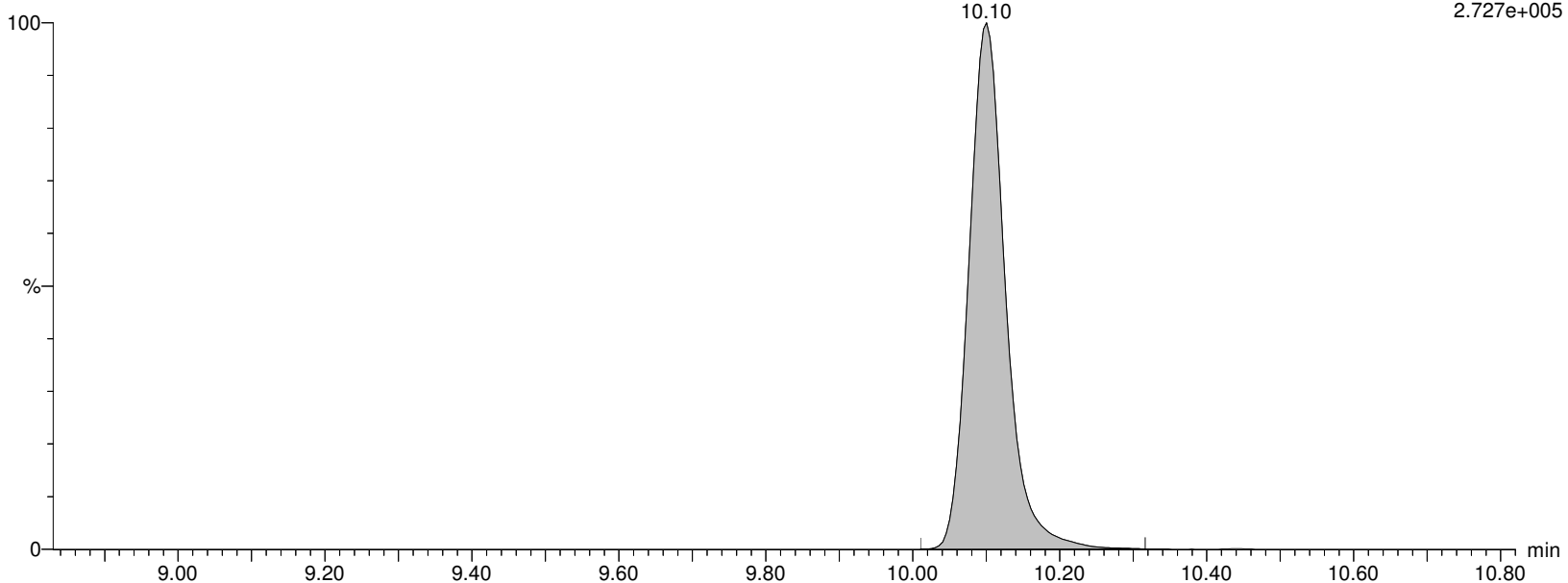
I3788 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F26:MRM of 2 channels,ES-

462.989 > 219.04

2.727e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788**ID: WG1224866-4****Date: 11-Apr-2019****Time: 14:03:47****Description: WG1225360,WG1224866,ICAL15513****User: LCMS02:JW****Vial: 1:B,7****Instrument: XEVO-TQSmicro#QEB0050****Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B****Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR****MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP****M9PFNA**

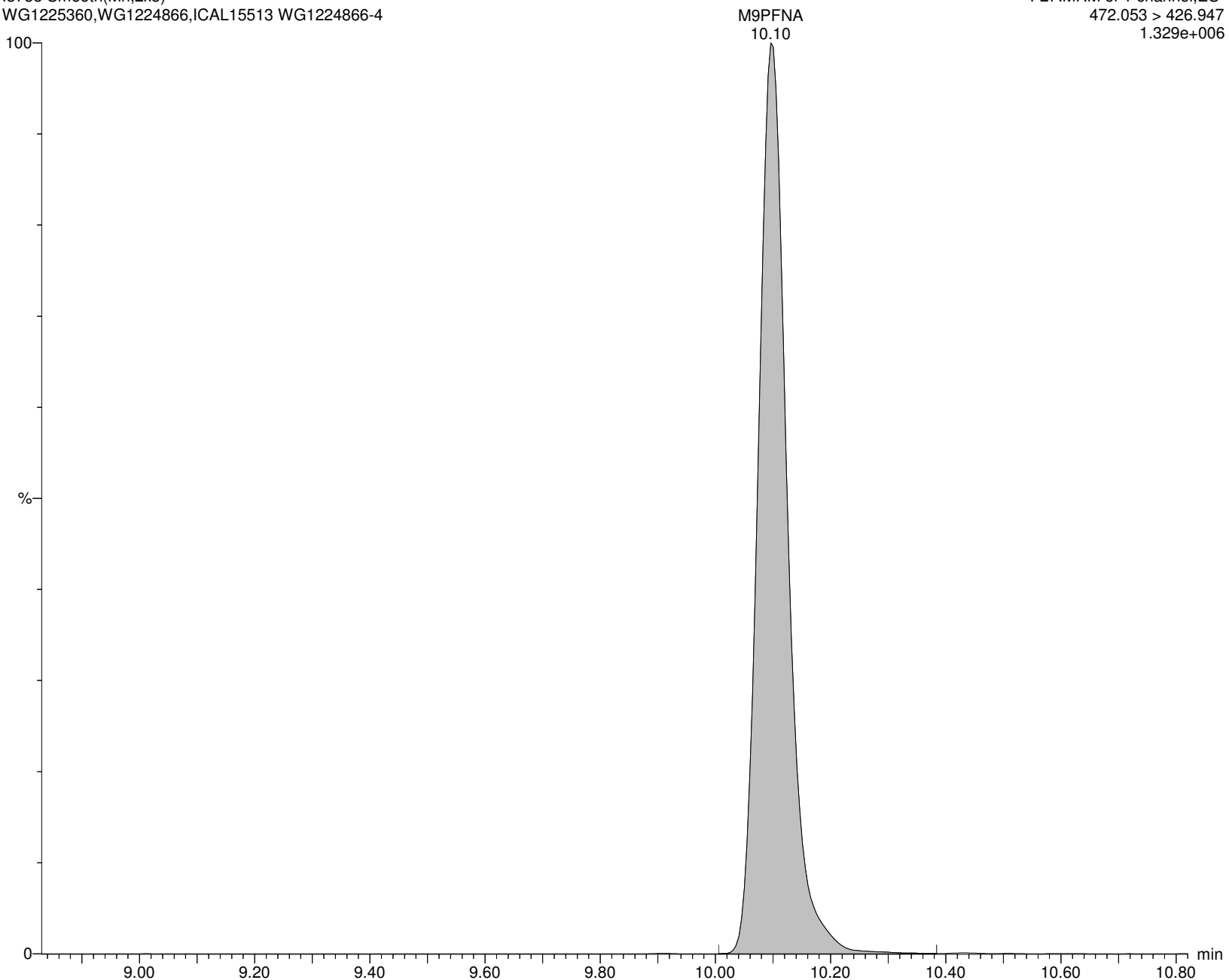
I3788 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F27:MRM of 1 channel,ES-

472.053 > 426.947

1.329e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOS

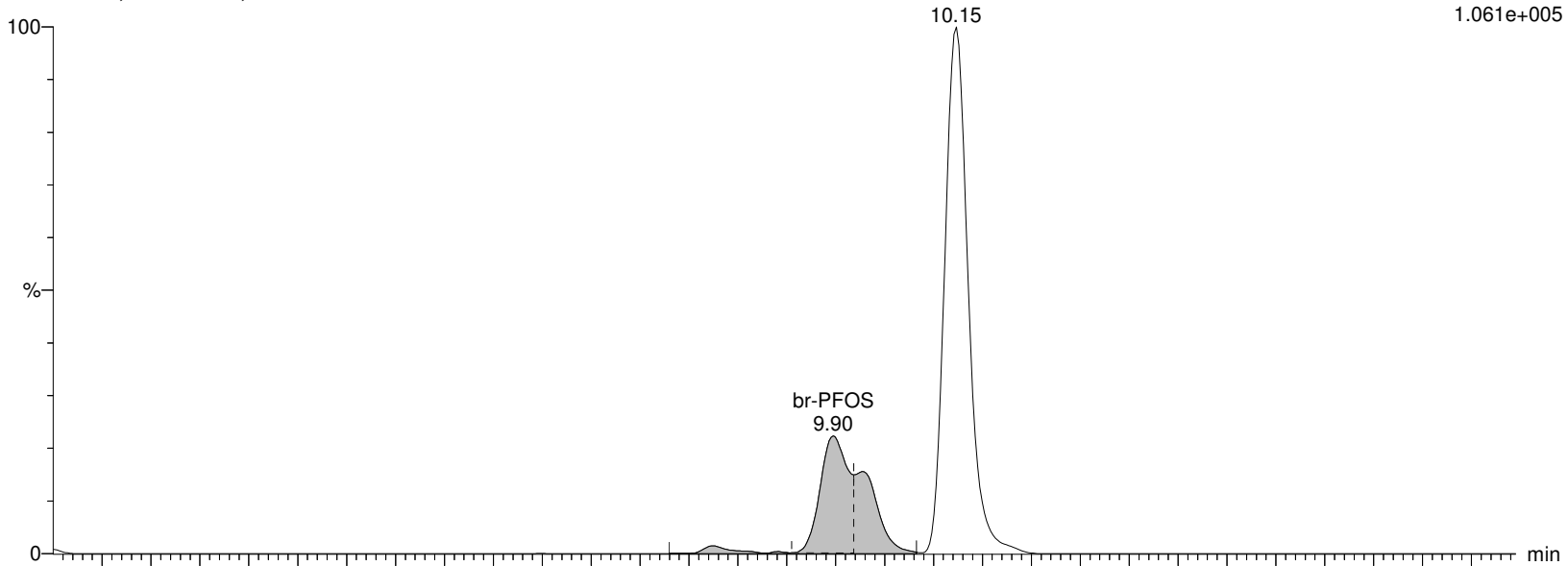
I3788 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F29:MRM of 2 channels,ES-

498.989 > 80.294

1.061e+005



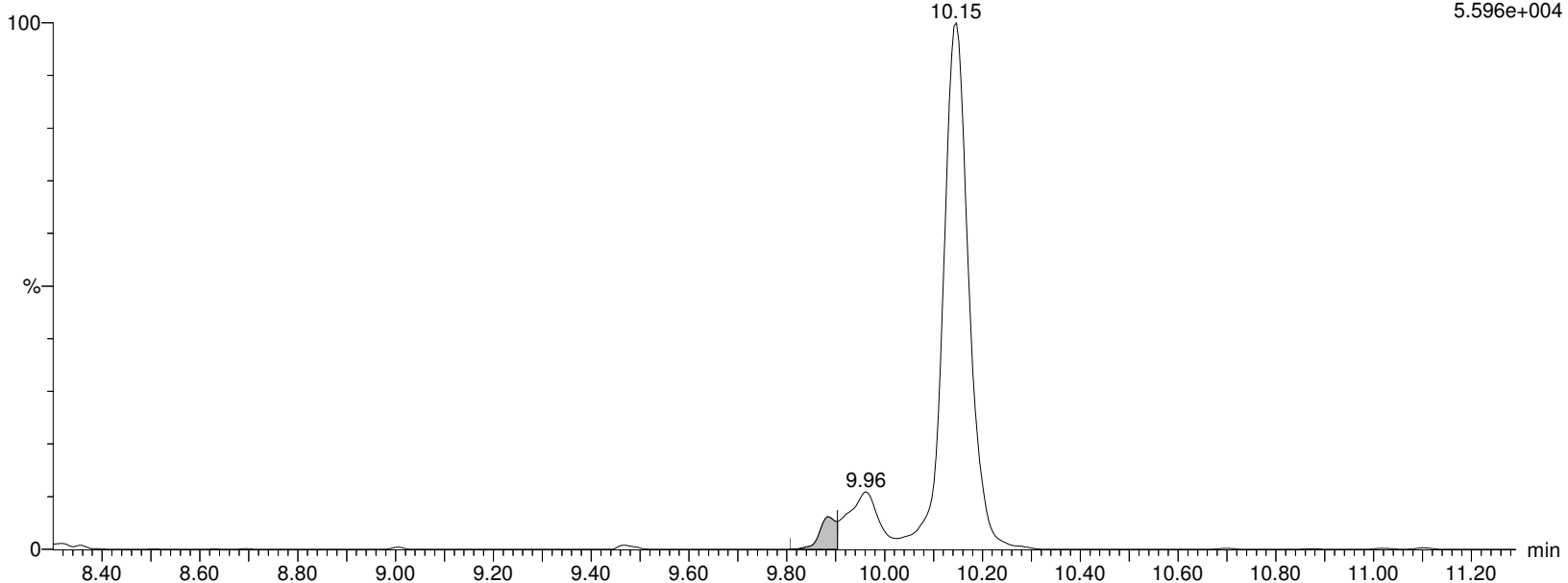
I3788 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F29:MRM of 2 channels,ES-

498.989 > 99.27

5.596e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOS

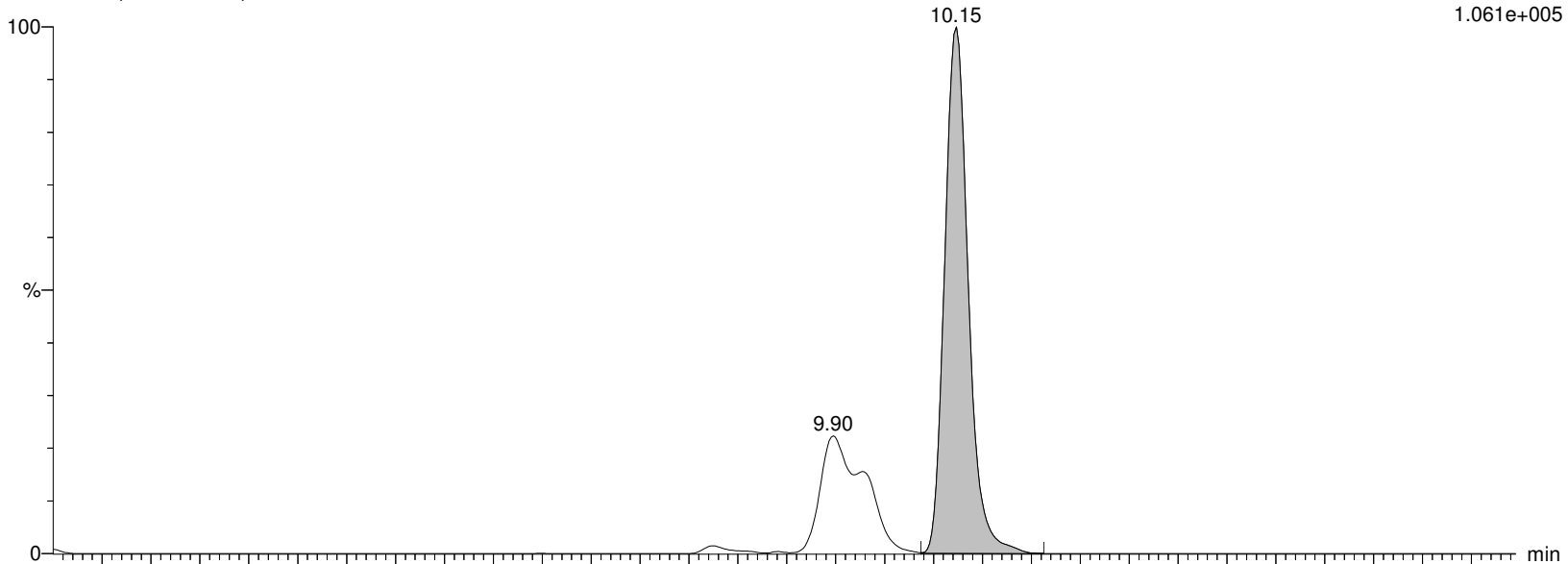
I3788 Smooth(Mn,3x2)

WG1225360, WG1224866, ICAL15513 WG1224866-4

F29:MRM of 2 channels, ES-

498.989 > 80.294

1.061e+005



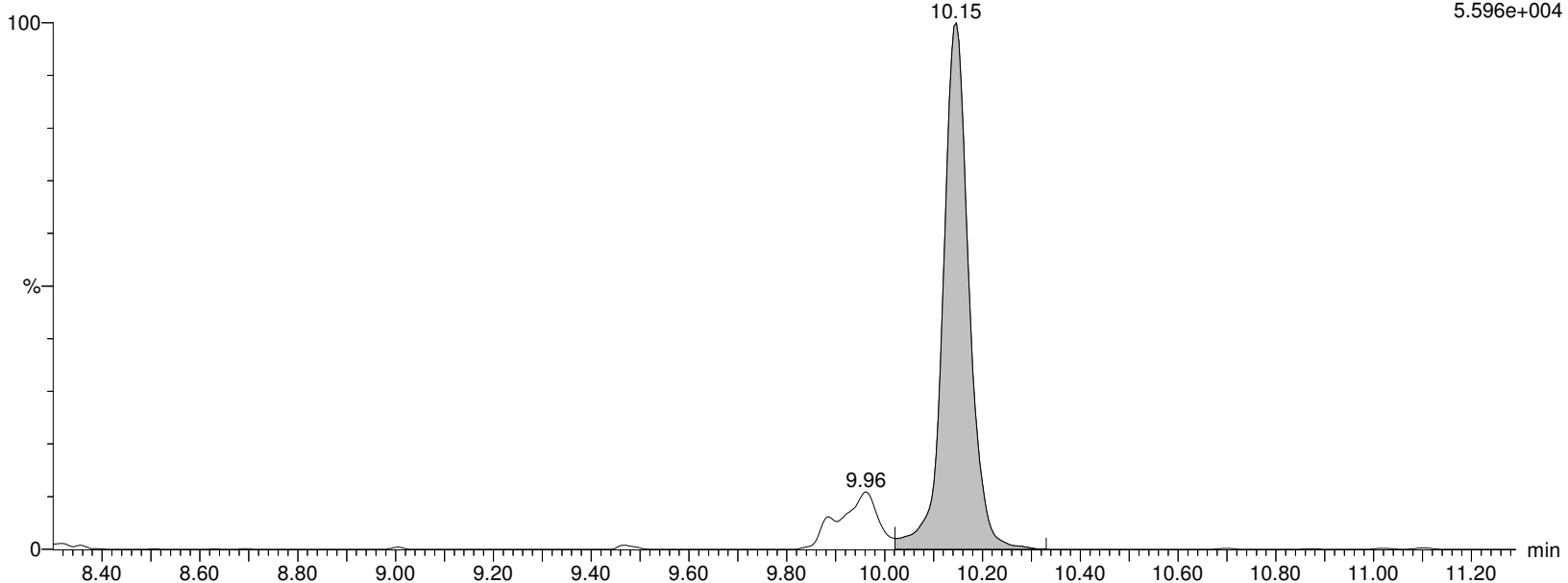
I3788 Smooth(Mn,3x2)

WG1225360, WG1224866, ICAL15513 WG1224866-4

F29:MRM of 2 channels, ES-

498.989 > 99.27

5.596e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOS

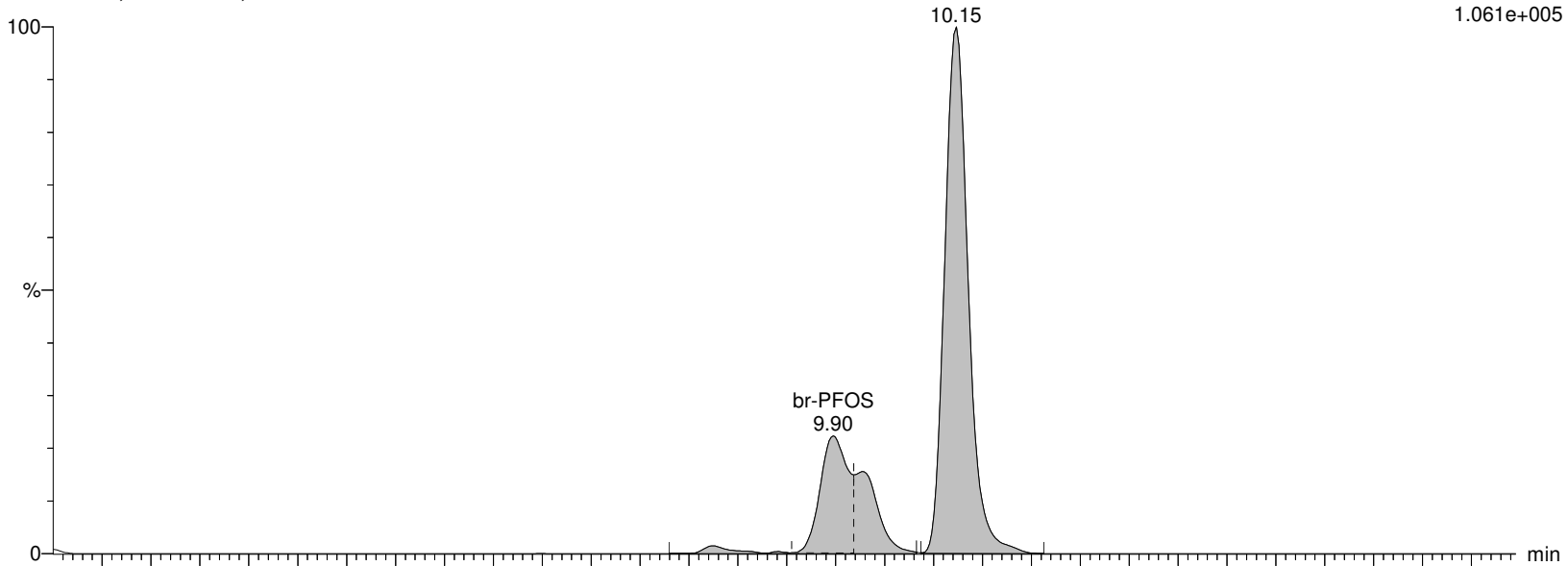
I3788 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F29:MRM of 2 channels,ES-

498.989 > 80.294

1.061e+005



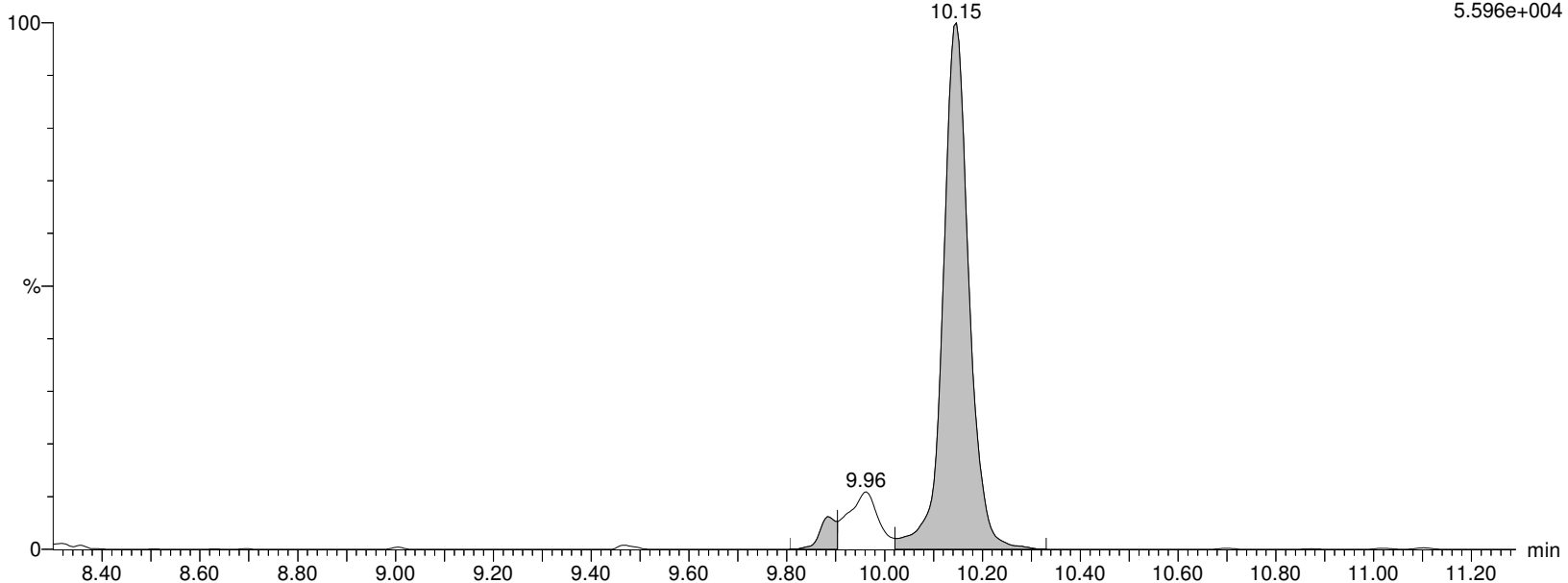
I3788 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F29:MRM of 2 channels,ES-

498.989 > 99.27

5.596e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFOS

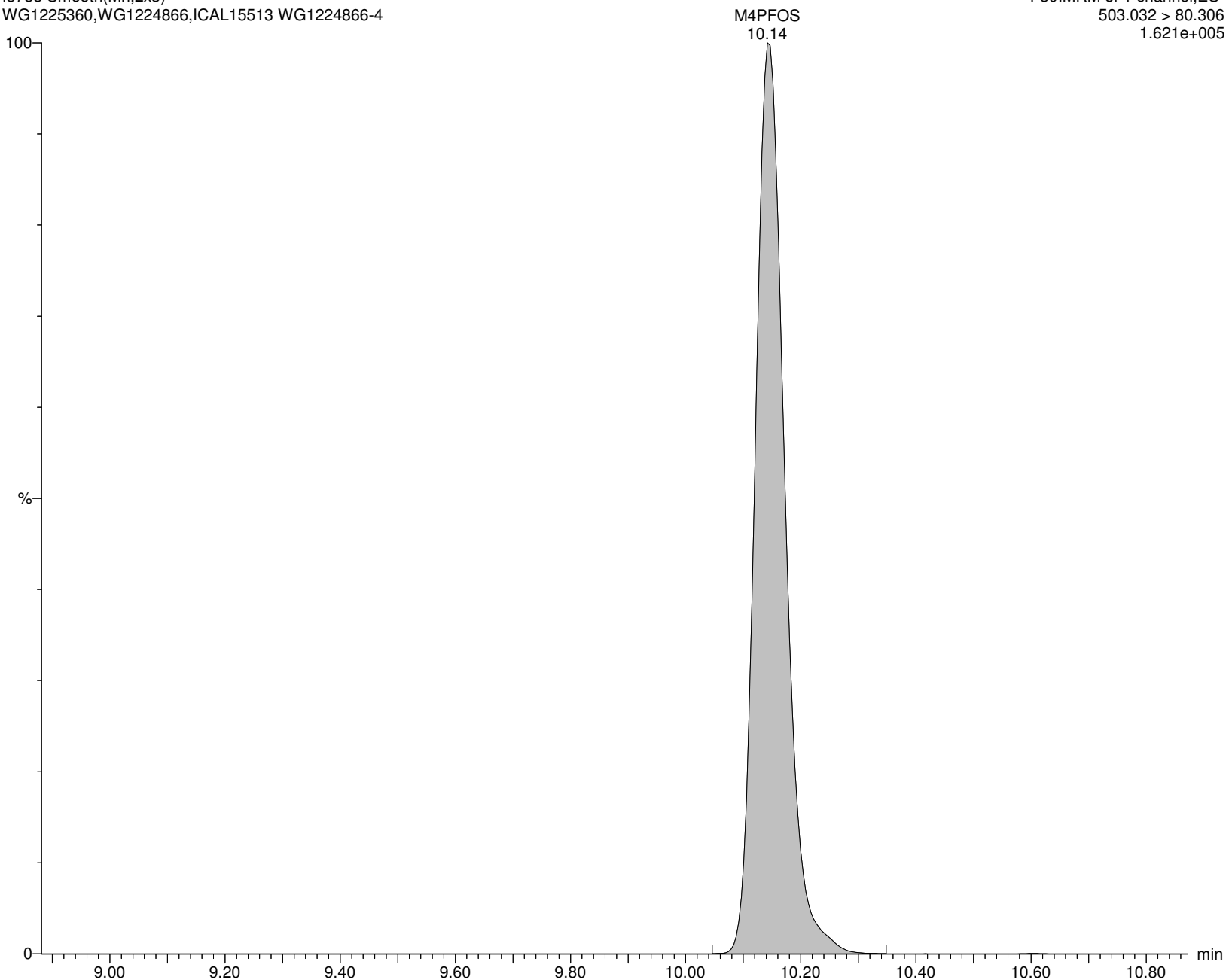
I3788 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F30:MRM of 1 channel,ES-

503.032 > 80.306

1.621e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOS

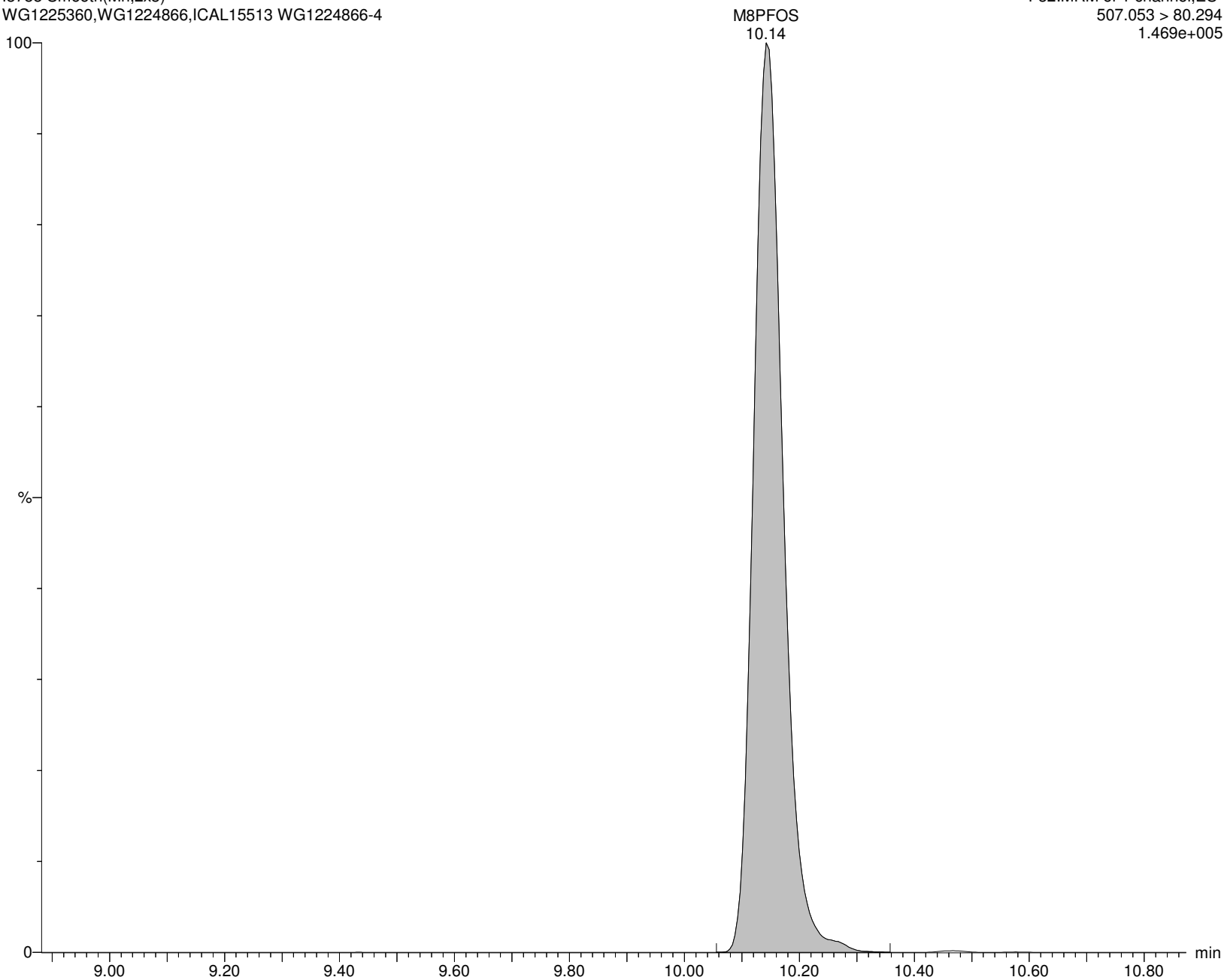
I3788 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F32:MRM of 1 channel,ES-

507.053 > 80.294

1.469e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDA

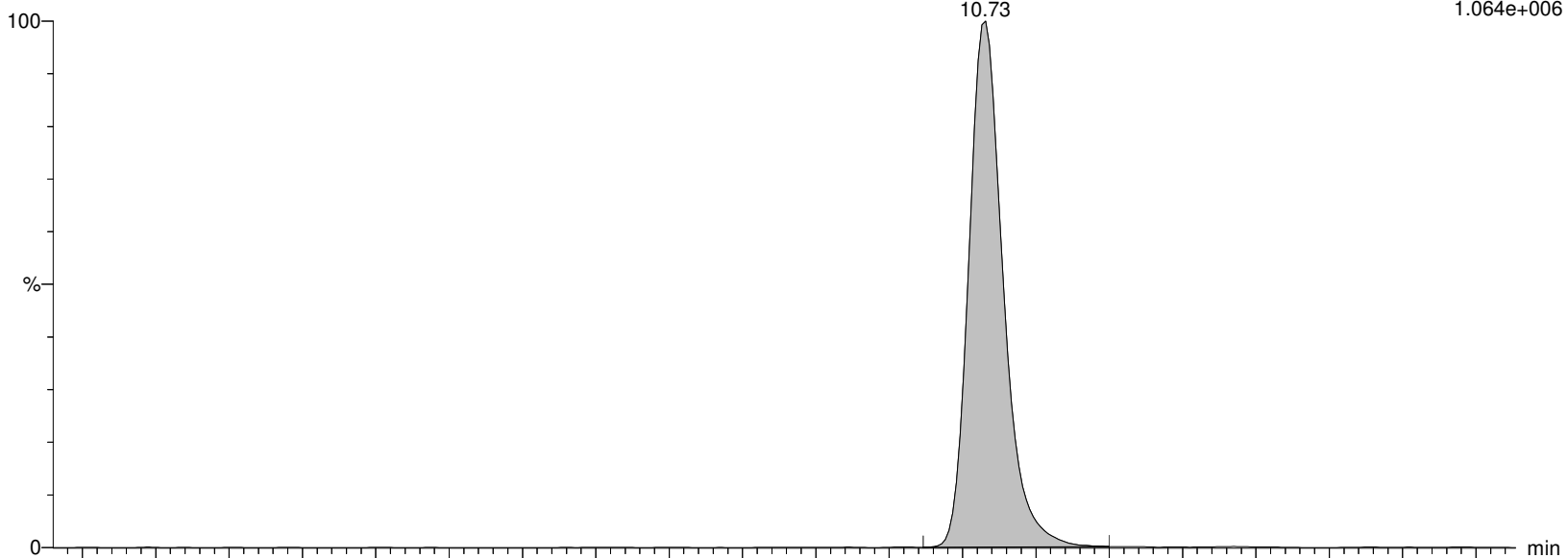
I3788 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F33:MRM of 2 channels,ES-

513.053 > 468.906

1.064e+006



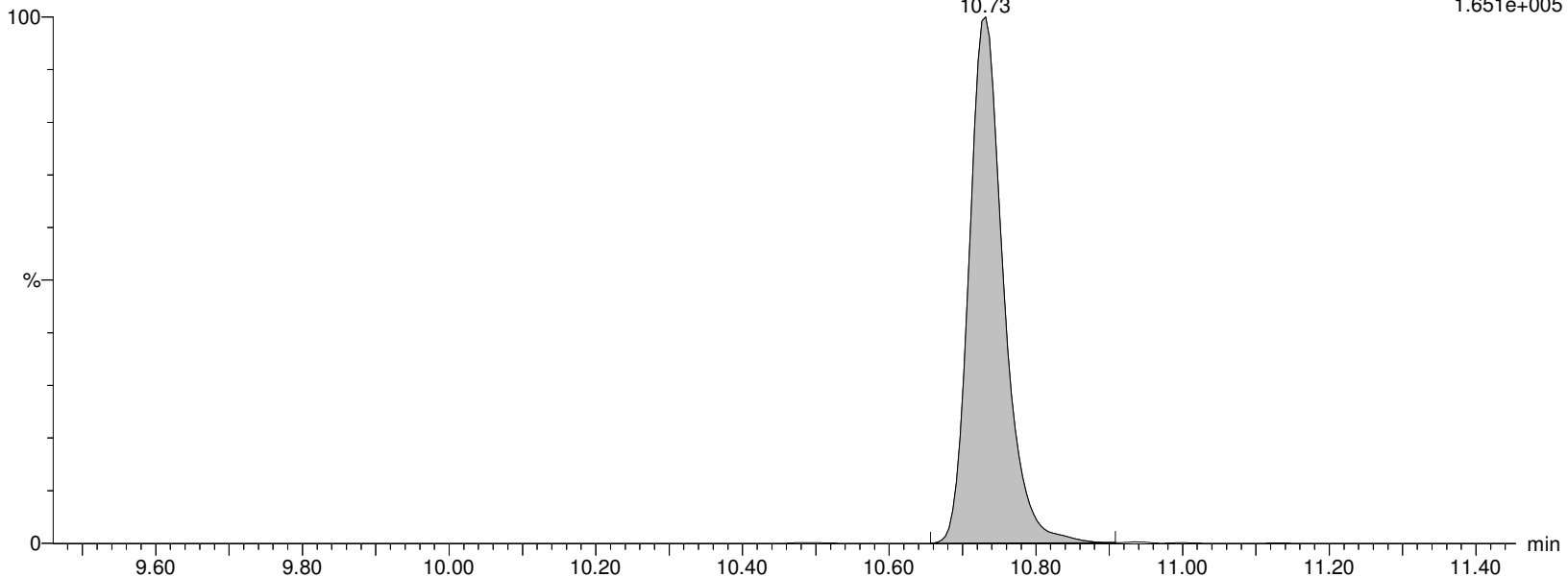
I3788 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F33:MRM of 2 channels,ES-

513.053 > 219.08

1.651e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFDA

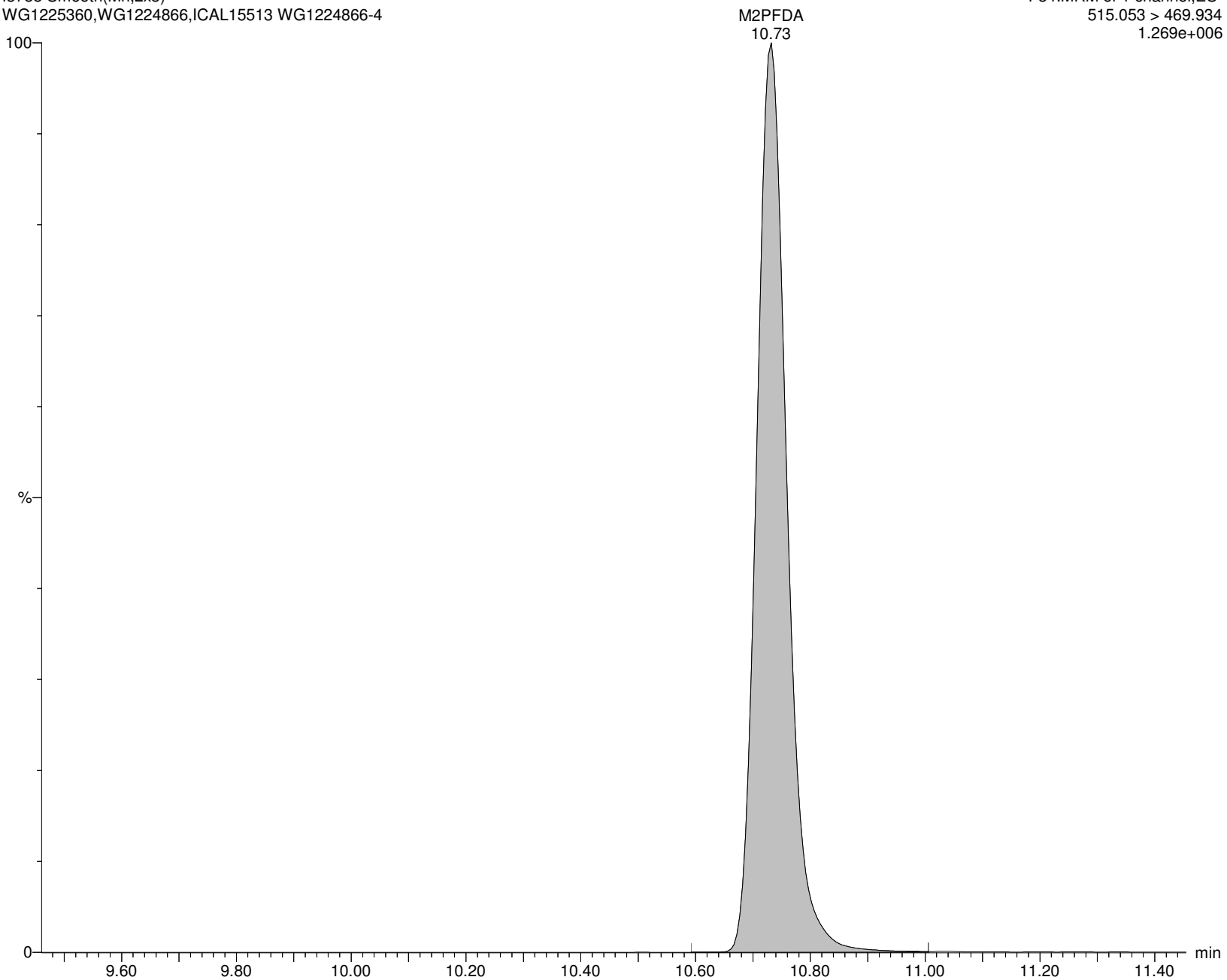
I3788 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F34:MRM of 1 channel,ES-

515.053 > 469.934

1.269e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M6PFDA

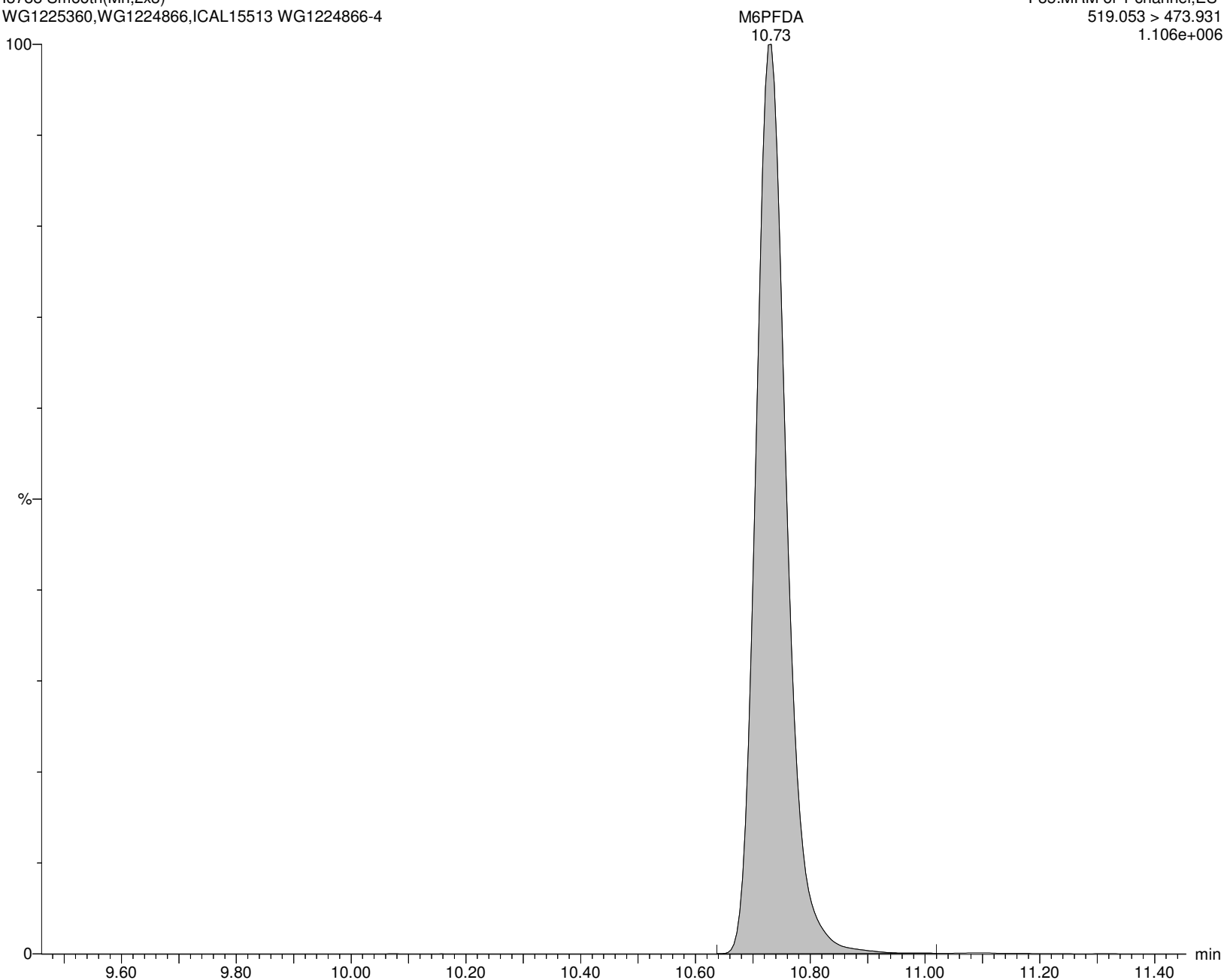
I3788 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F35:MRM of 1 channel,ES-

519.053 > 473.931

1.106e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

8:2FTS

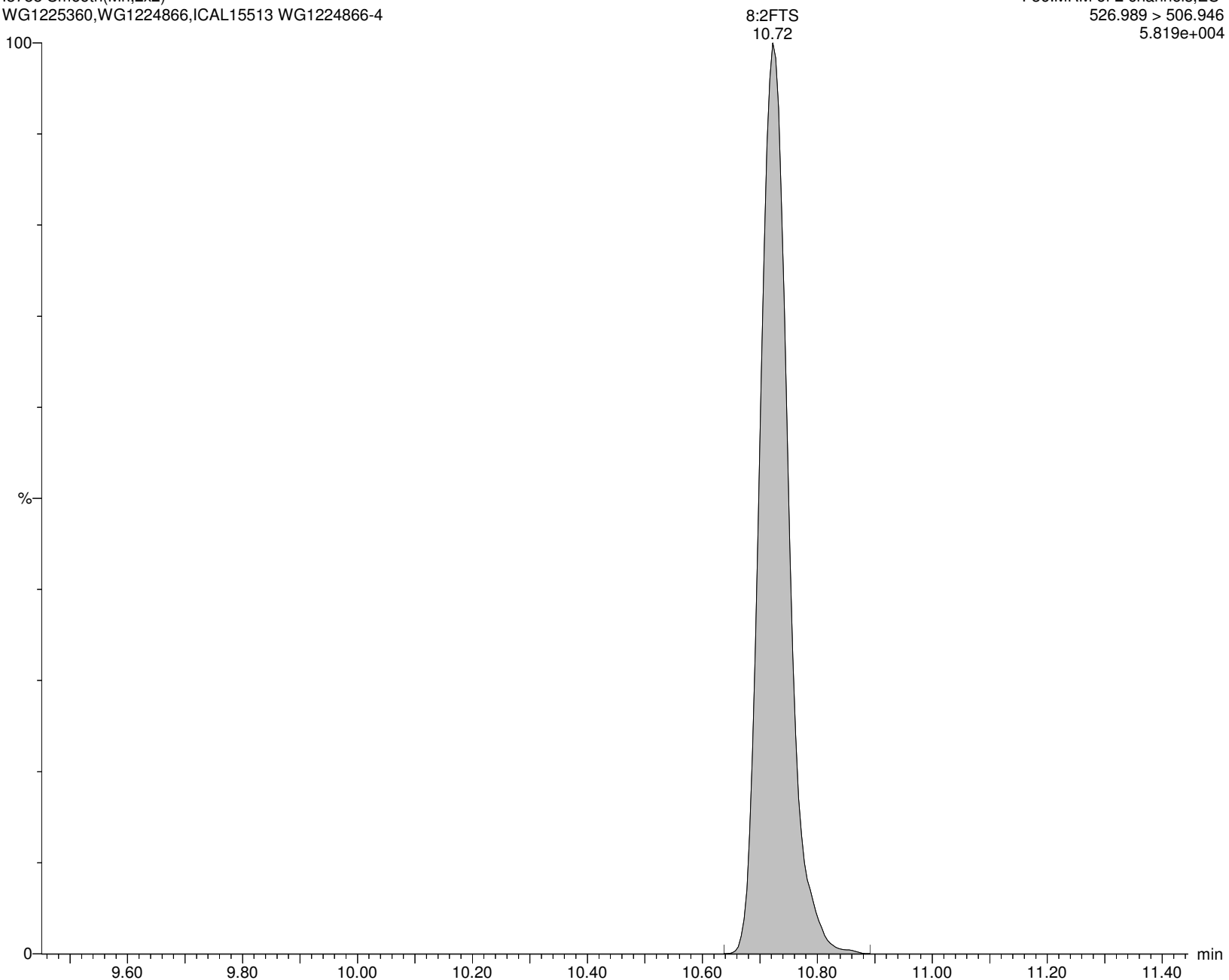
I3788 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F36:MRM of 2 channels,ES-

526.989 > 506.946

5.819e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-8:2FTS

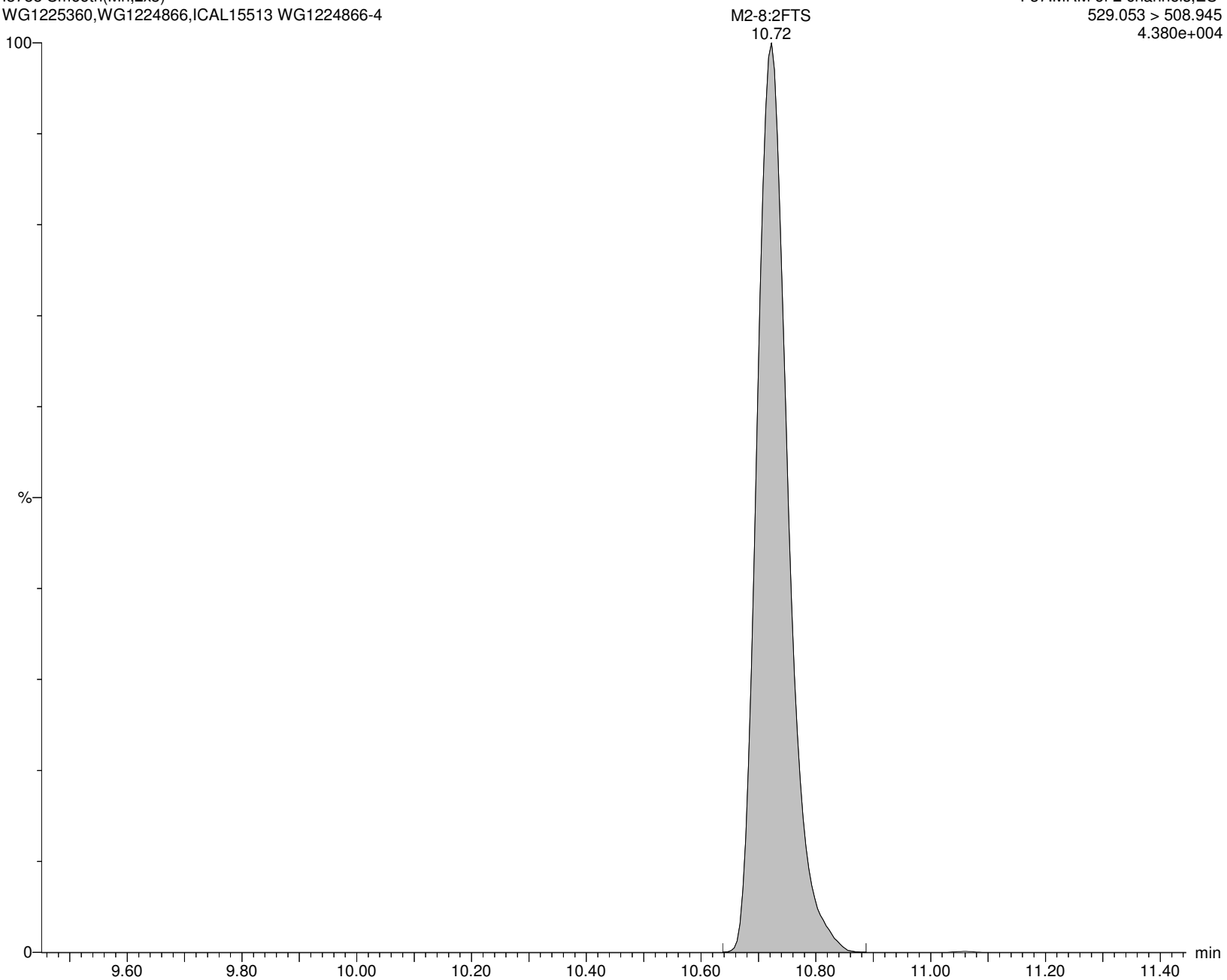
I3788 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F37:MRM of 2 channels,ES-

529.053 > 508.945

4.380e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNS

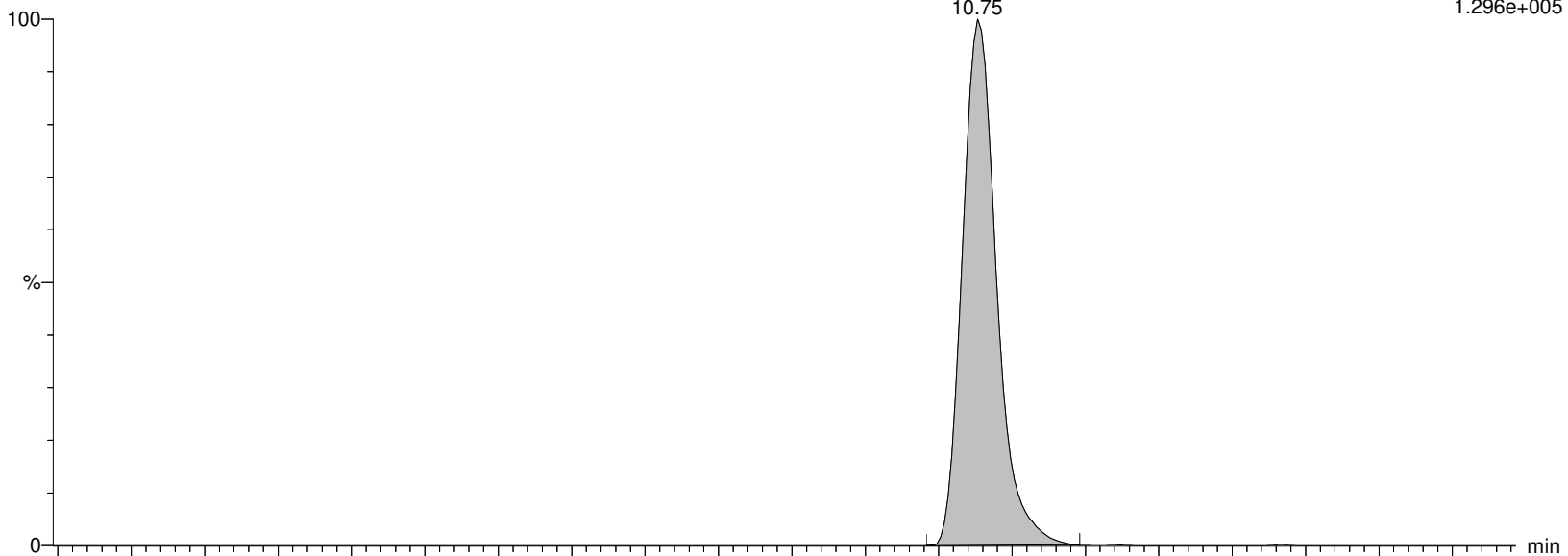
I3788 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F39:MRM of 2 channels,ES-

548.989 > 80.249

1.296e+005



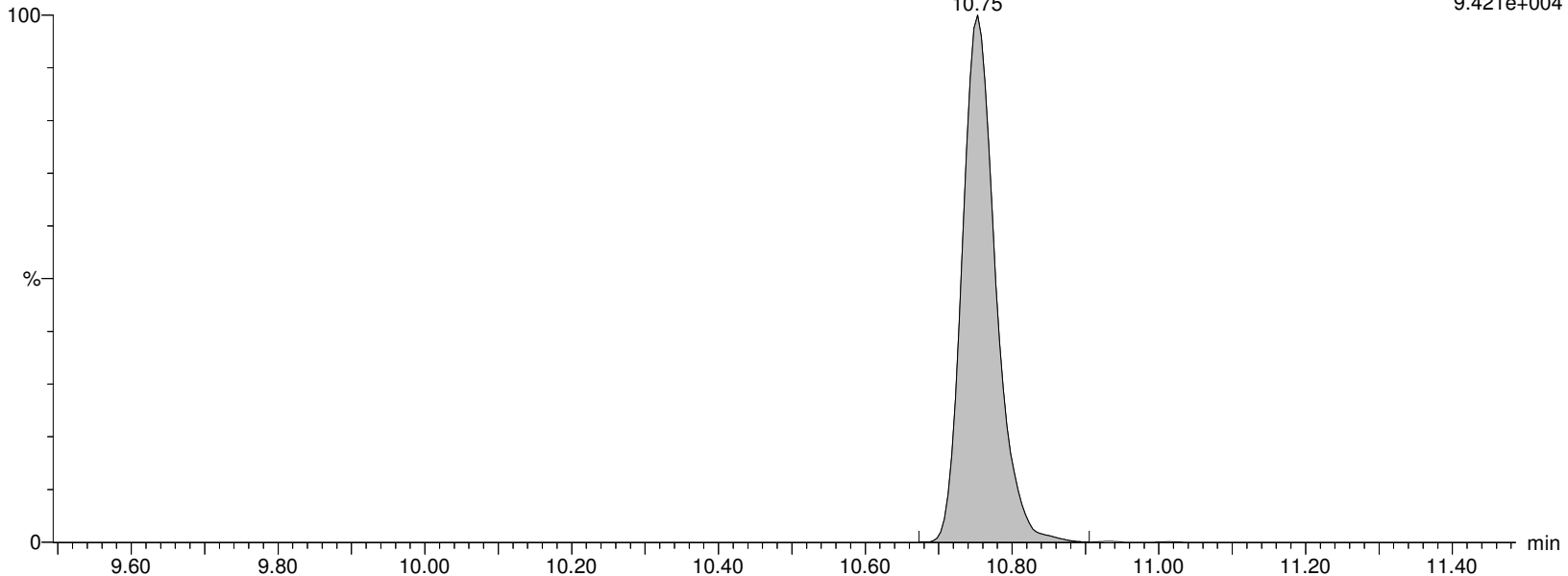
I3788 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F39:MRM of 2 channels,ES-

548.989 > 99.22

9.421e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d3-NMeFOSAA

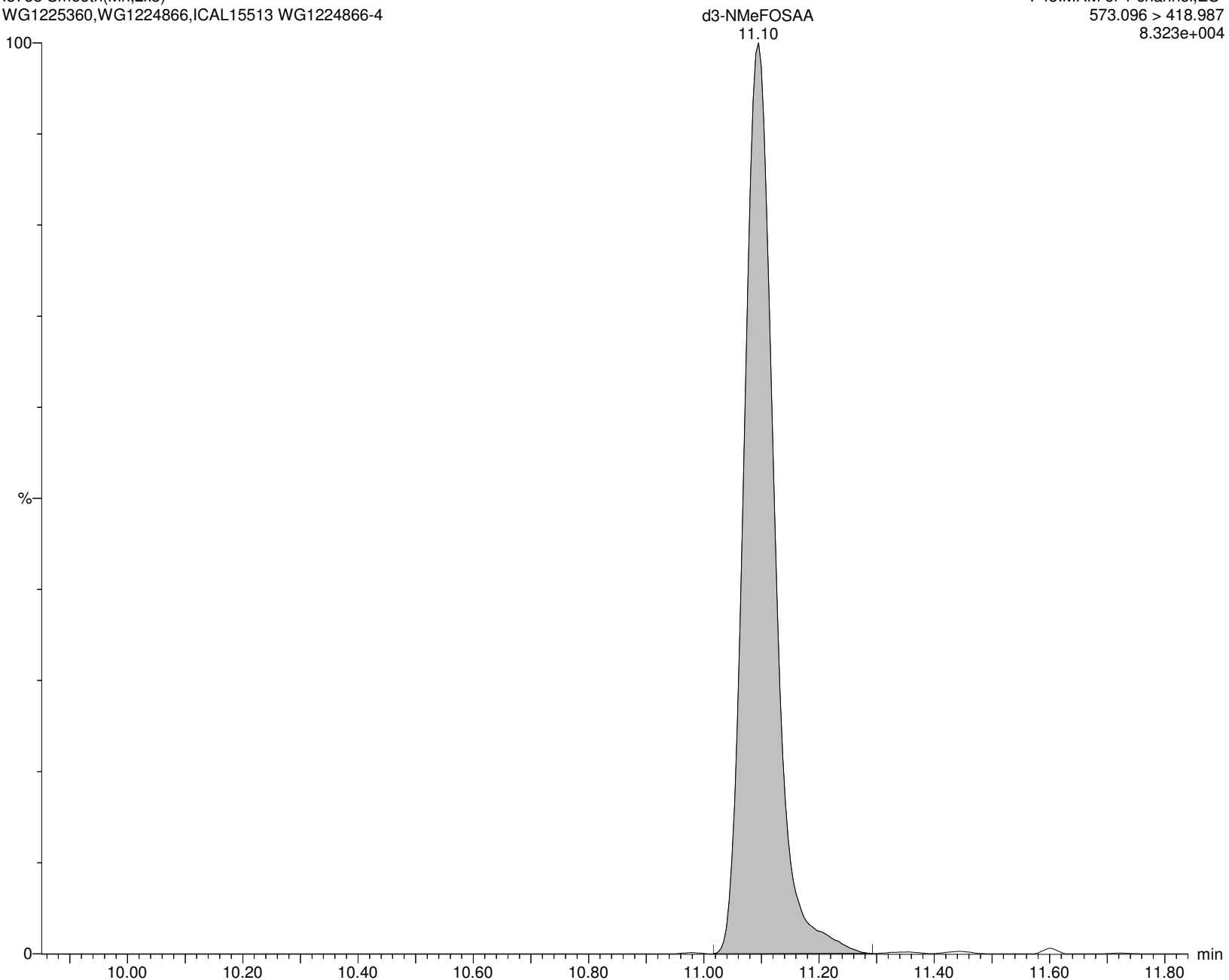
I3788 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F43:MRM of 1 channel,ES-

573.096 > 418.987

8.323e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NMeFOSAA

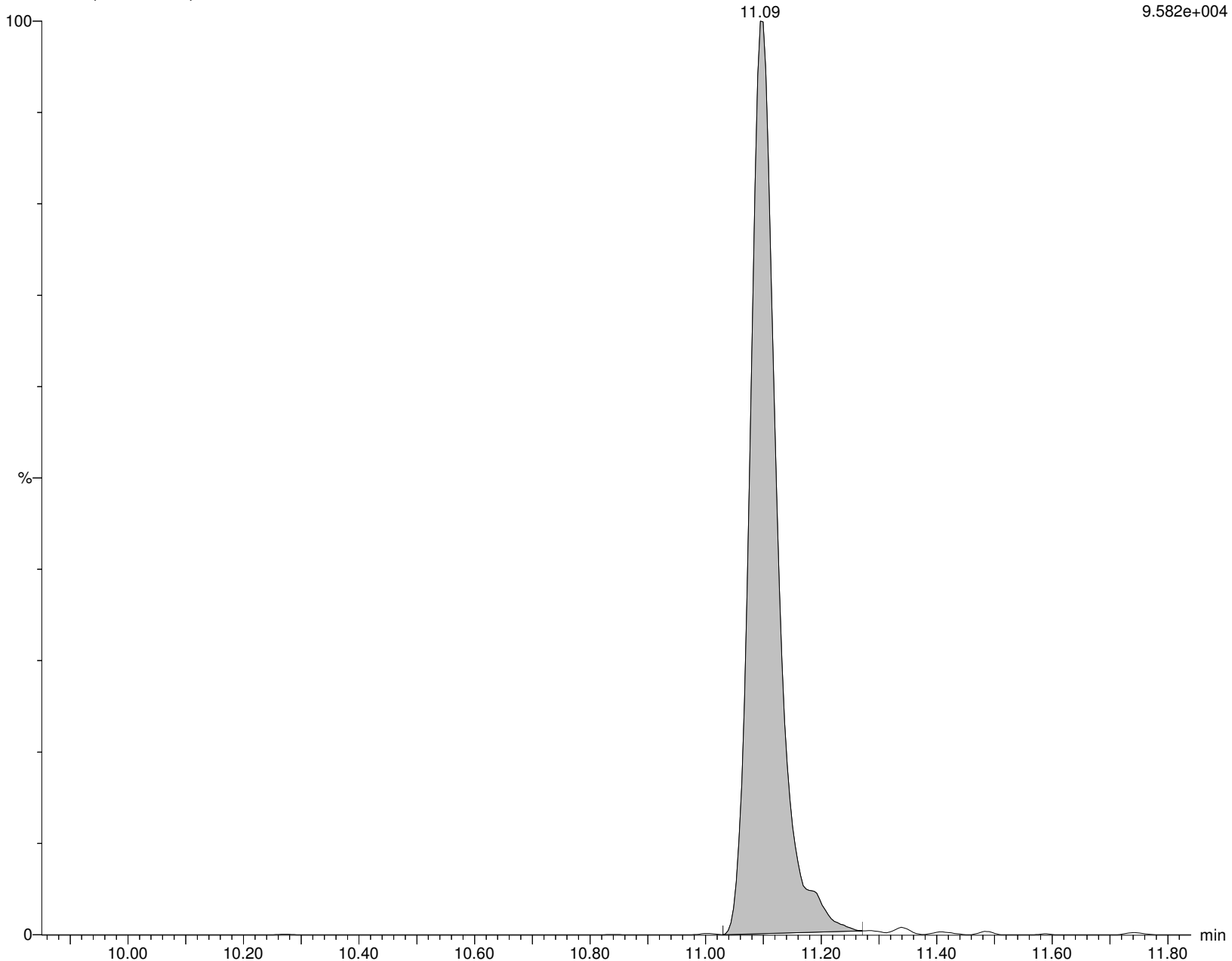
I3788 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F41:MRM of 1 channel,ES-

570.053 > 418.917

9.582e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFUnA

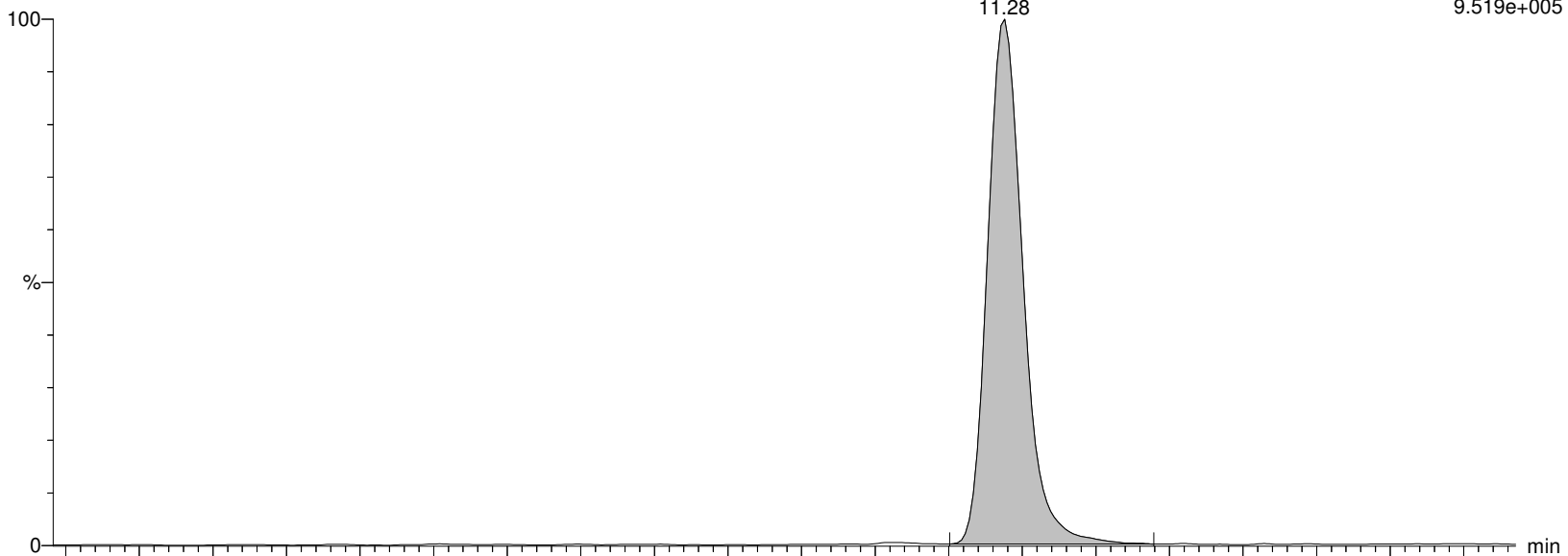
I3788 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F40:MRM of 2 channels,ES-

562.989 > 518.903

9.519e+005



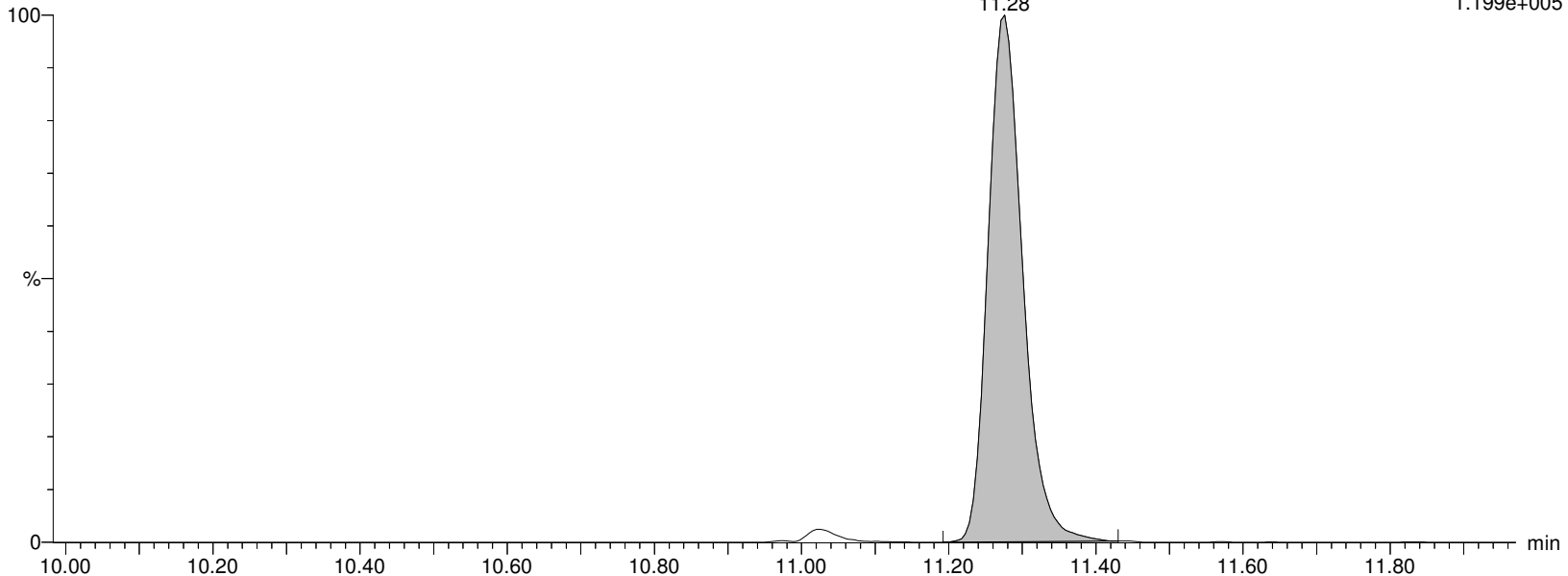
I3788 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F40:MRM of 2 channels,ES-

562.989 > 269.01

1.199e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M7-PFUDA

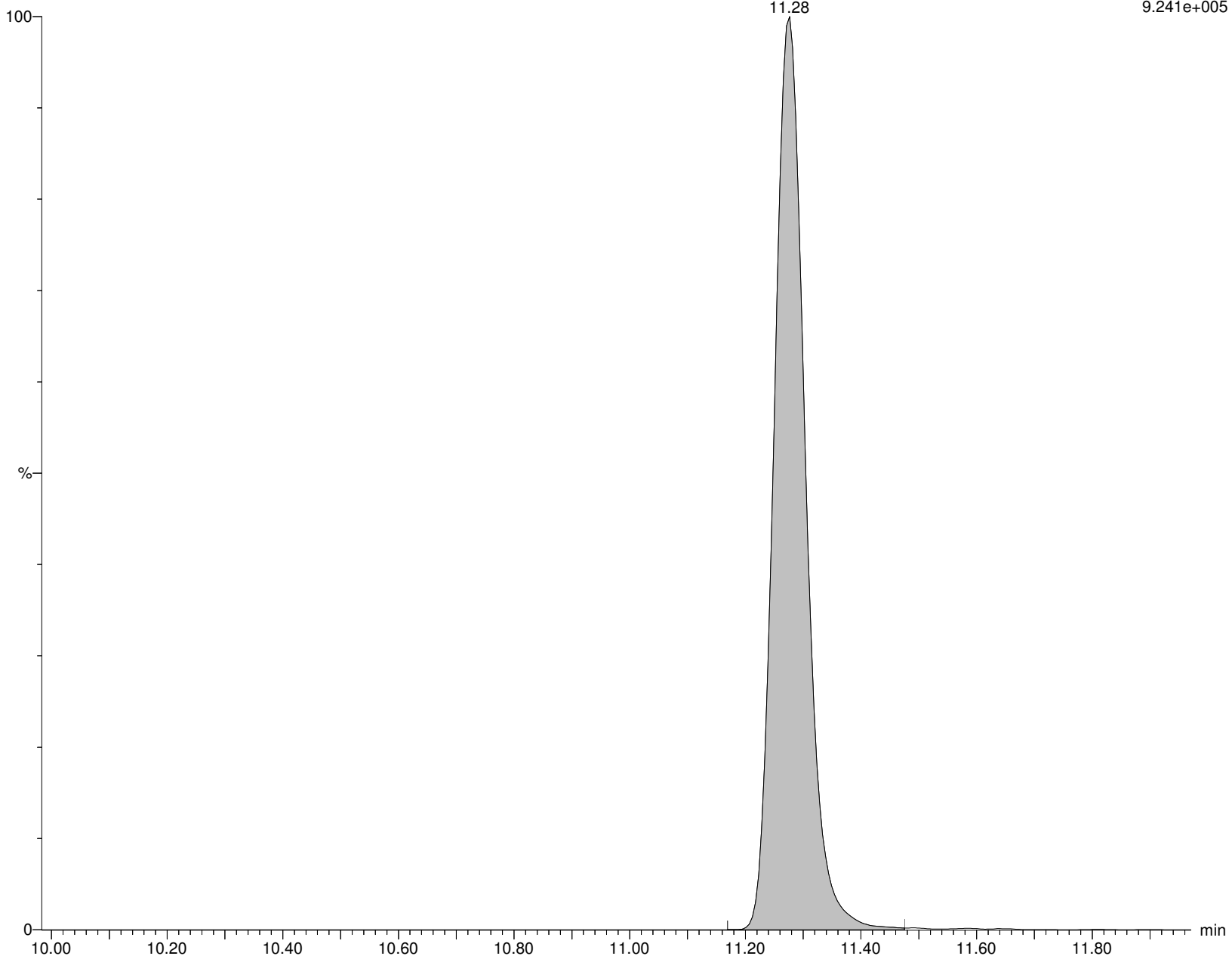
I3788 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F42:MRM of 1 channel,ES-

570.053 > 524.923

9.241e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDS

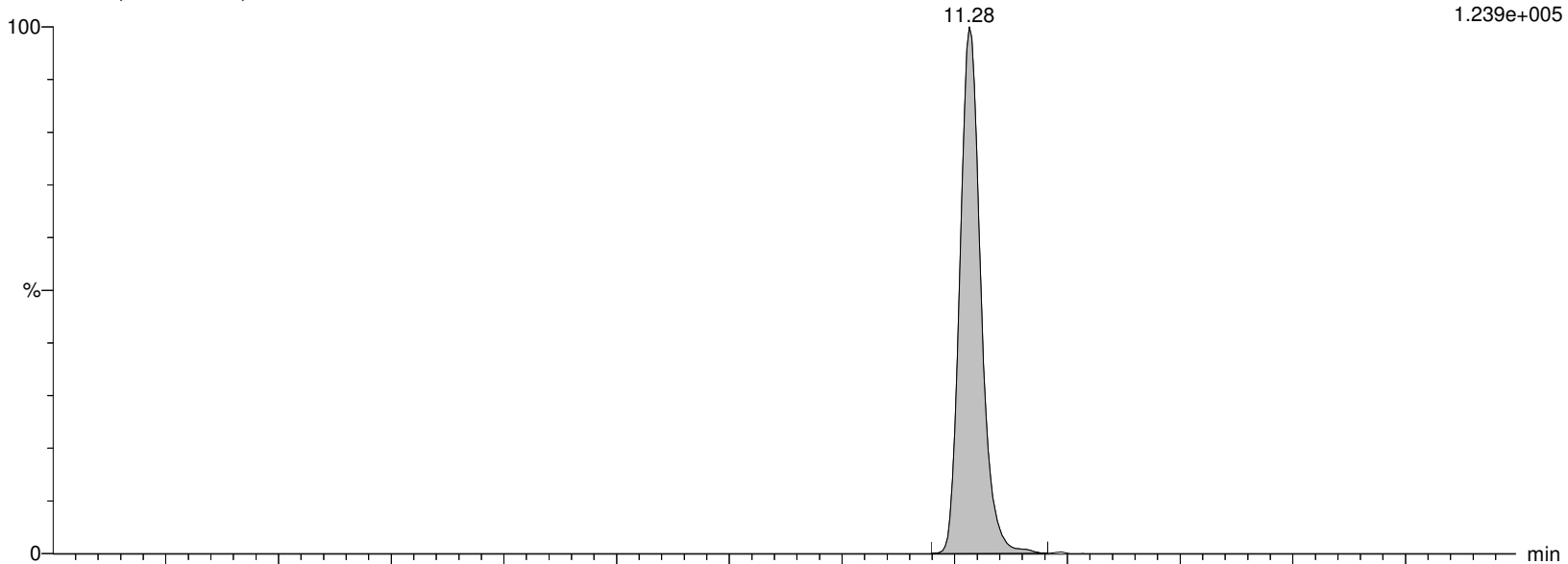
I3788 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-4

F46:MRM of 2 channels, ES-

598.926 > 80.314

1.239e+005



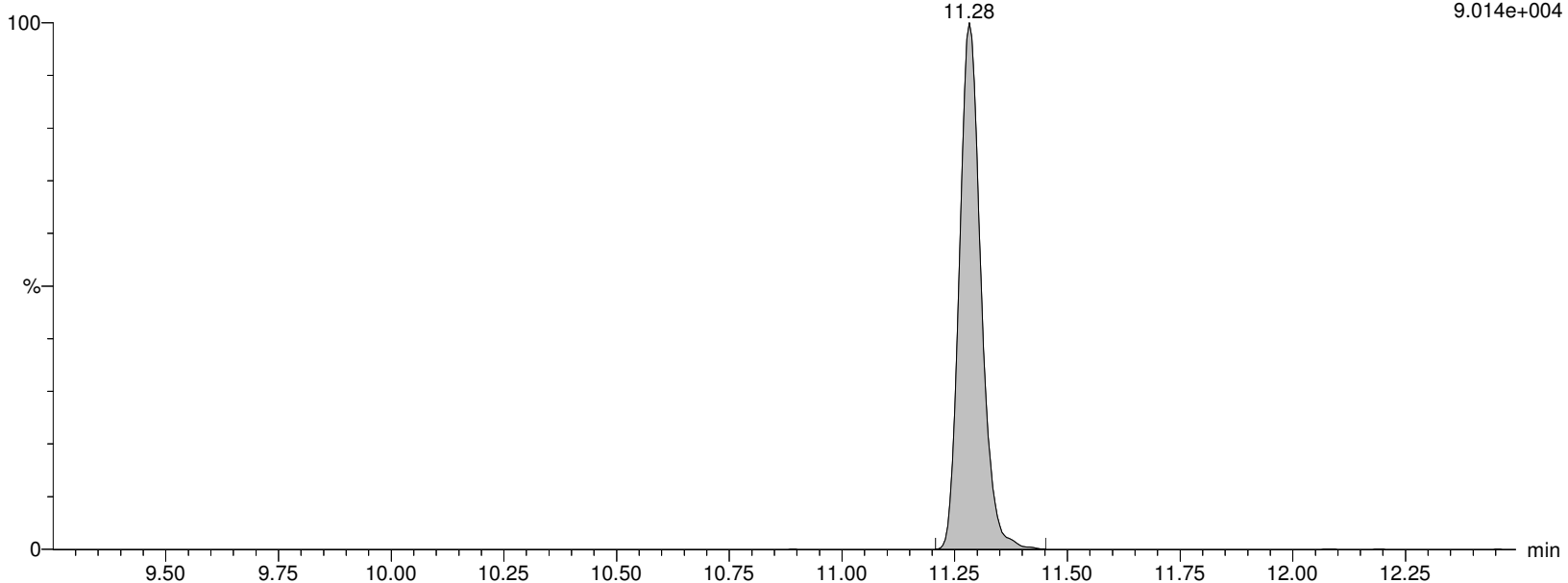
I3788 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-4

F46:MRM of 2 channels, ES-

598.926 > 99.22

9.014e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

FOSA

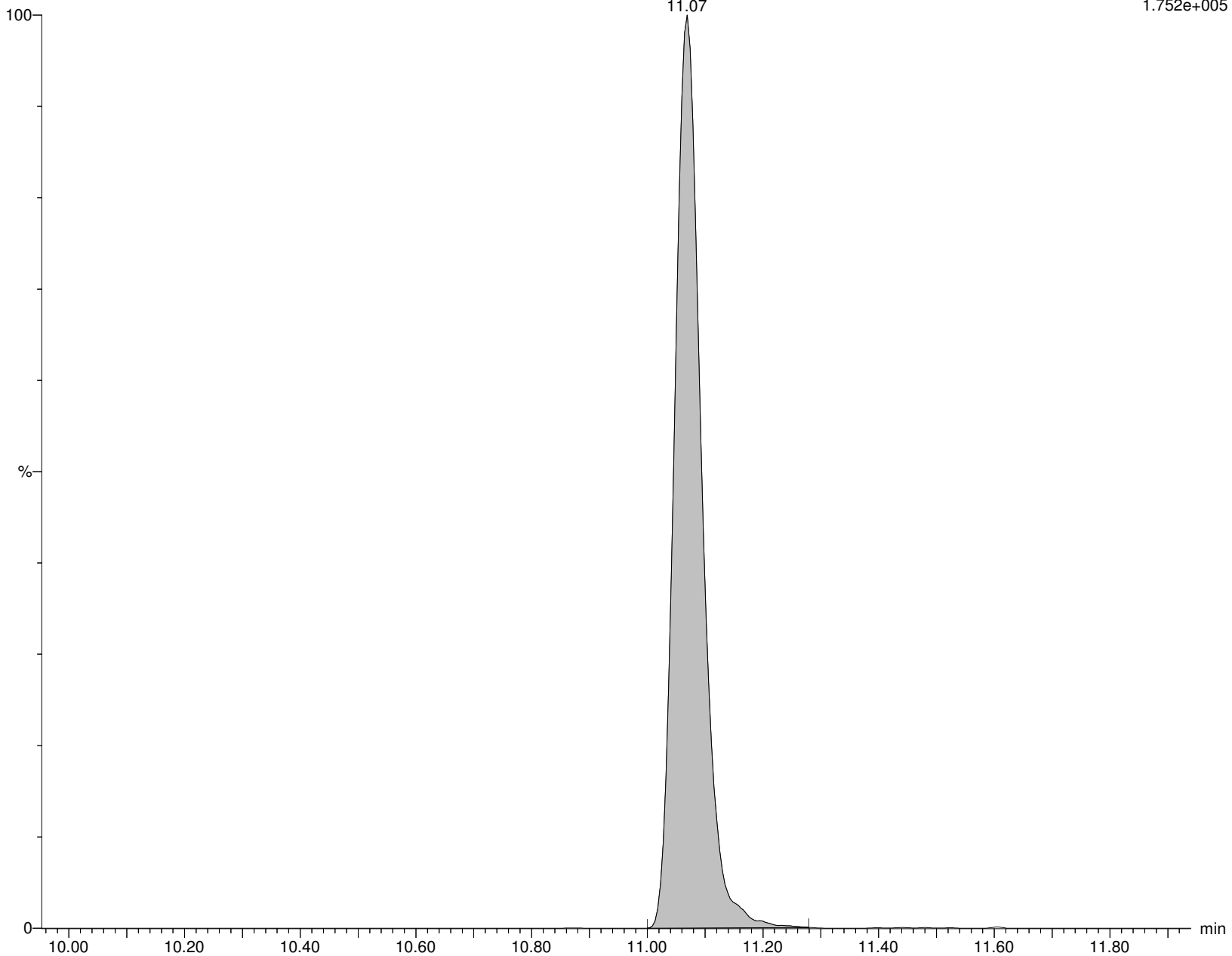
I3788 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F28:MRM of 2 channels,ES-

497.989 > 78.245

1.752e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8FOSA

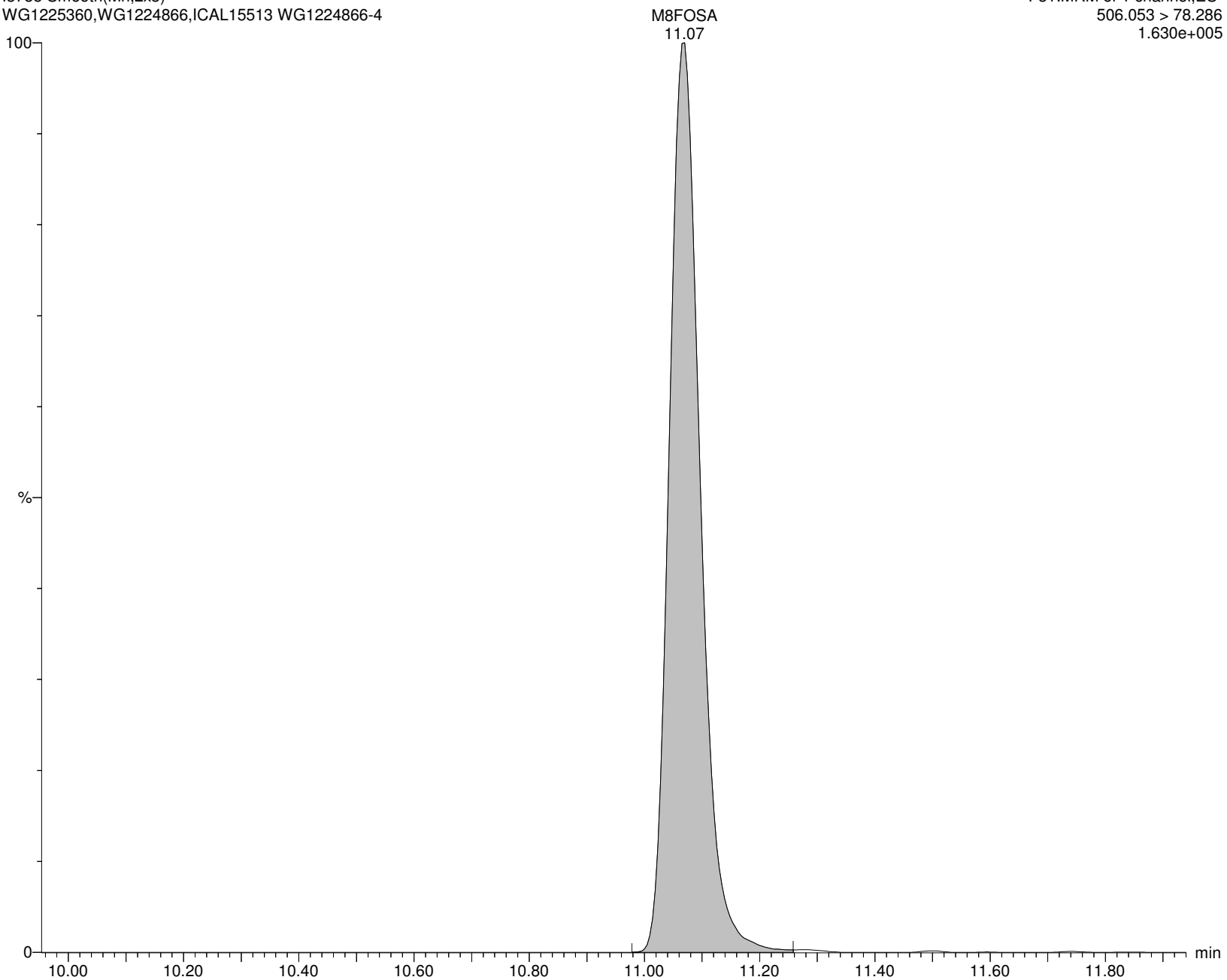
I3788 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F31:MRM of 1 channel,ES-

506.053 > 78.286

1.630e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d5-NEtFOSAA

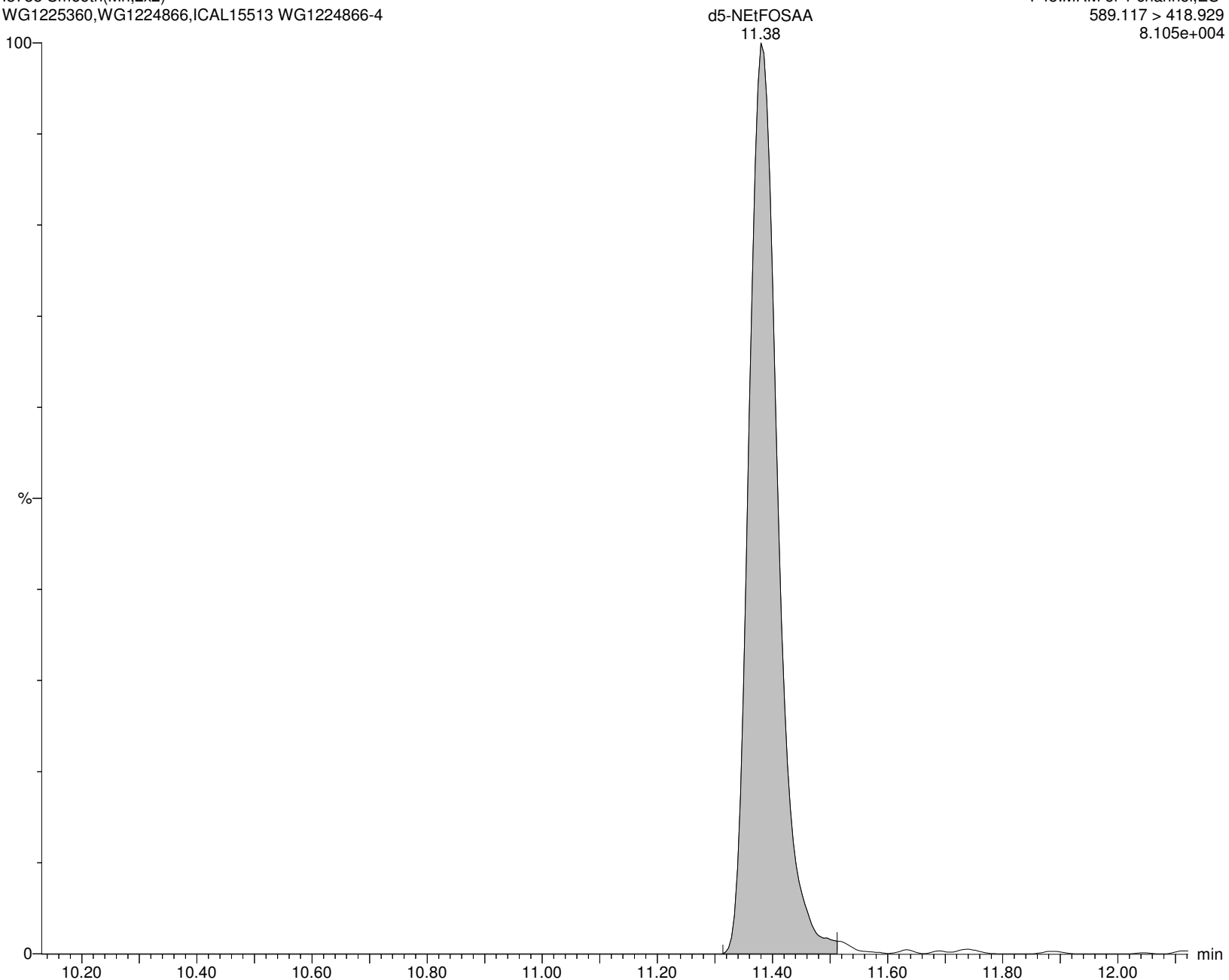
I3788 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F45:MRM of 1 channel,ES-

589.117 > 418.929

8.105e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NEtFOSAA

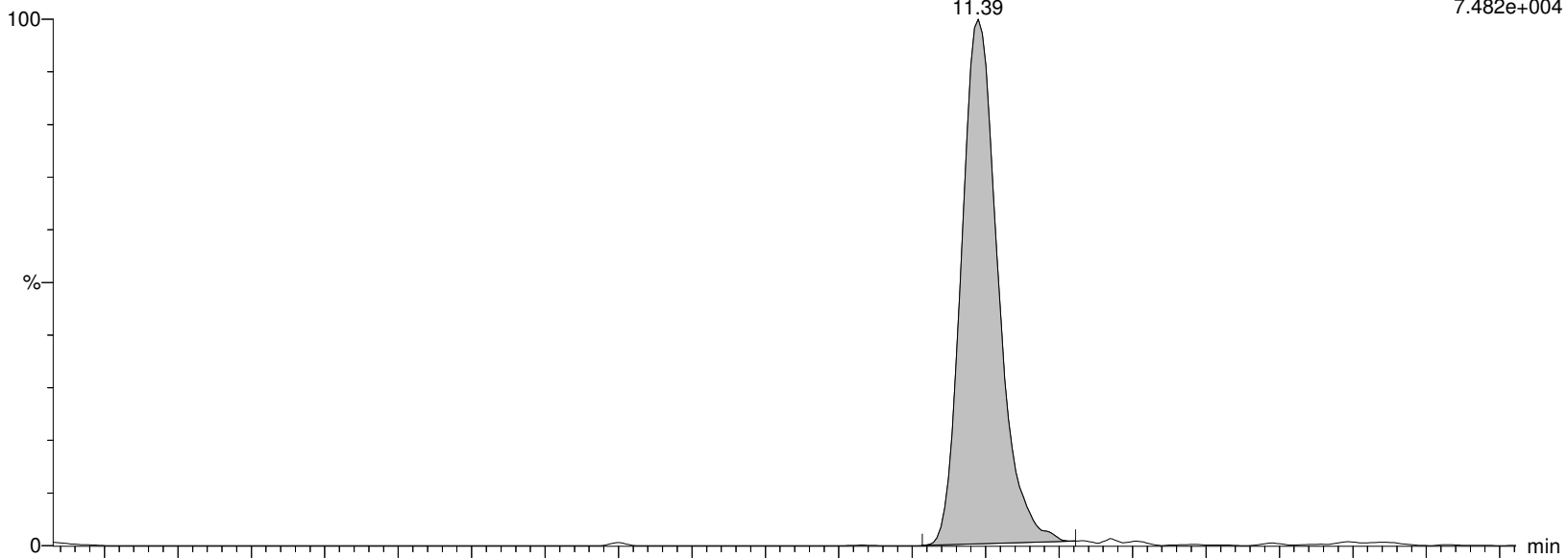
I3788 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F44:MRM of 2 channels,ES-

583.989 > 418.927

7.482e+004



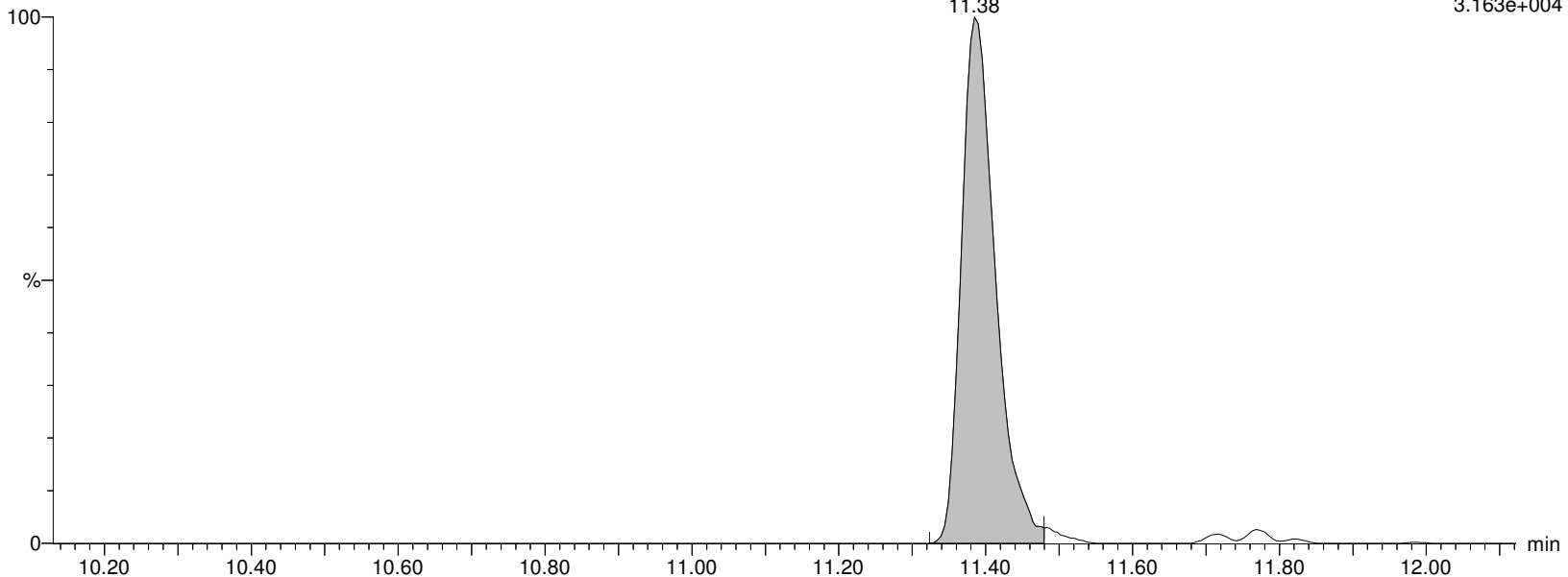
I3788 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F44:MRM of 2 channels,ES-

583.989 > 482.88

3.163e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFD0A

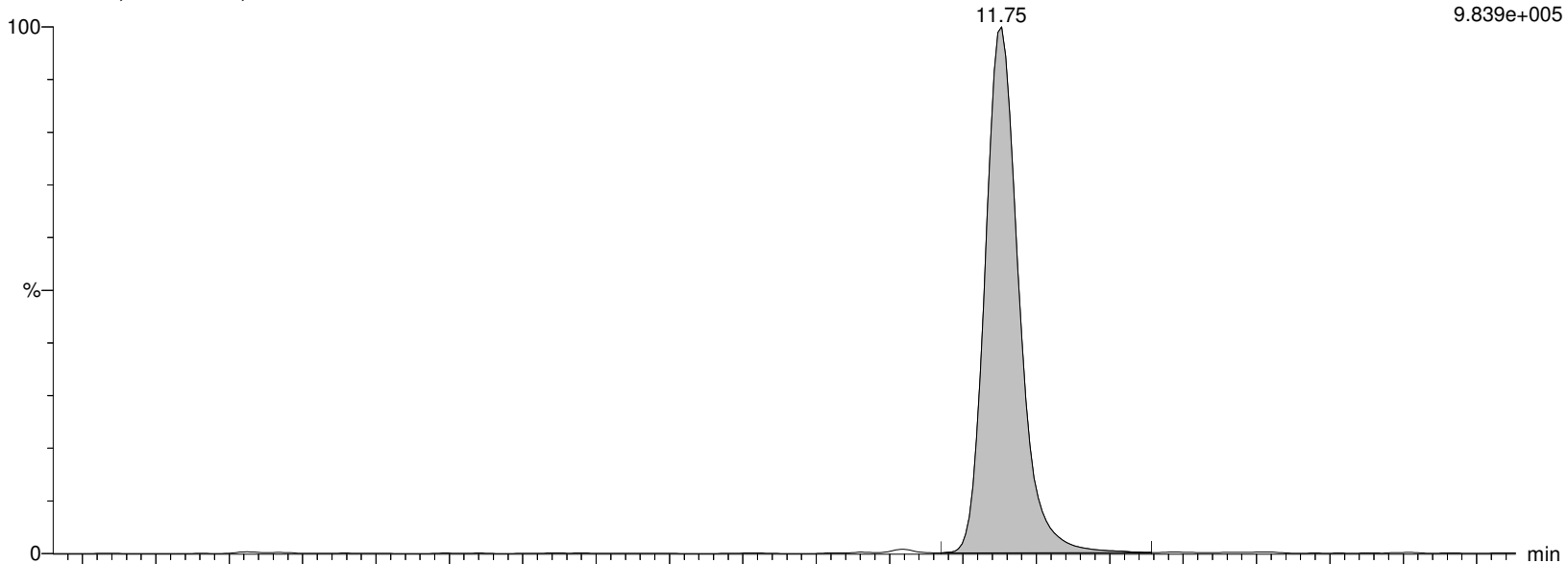
I3788 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F47:MRM of 2 channels,ES-

612.989 > 568.967

9.839e+005



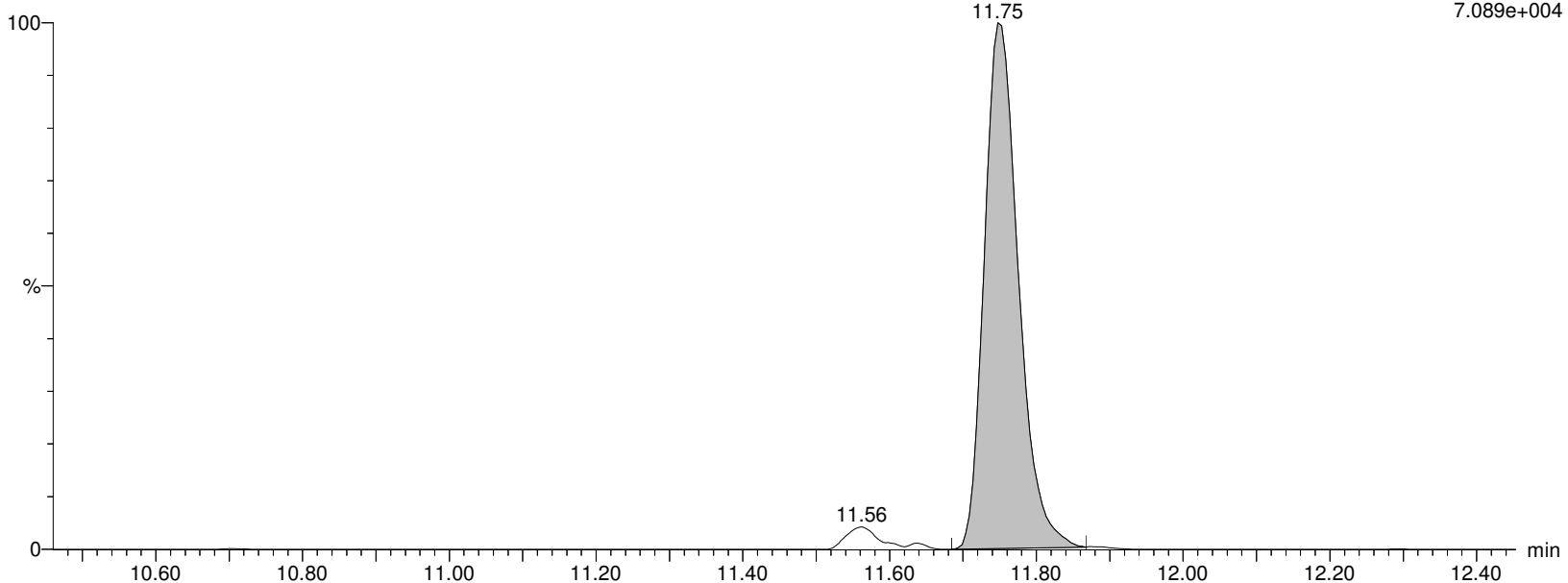
I3788 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F47:MRM of 2 channels,ES-

612.989 > 219.08

7.089e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFDOA

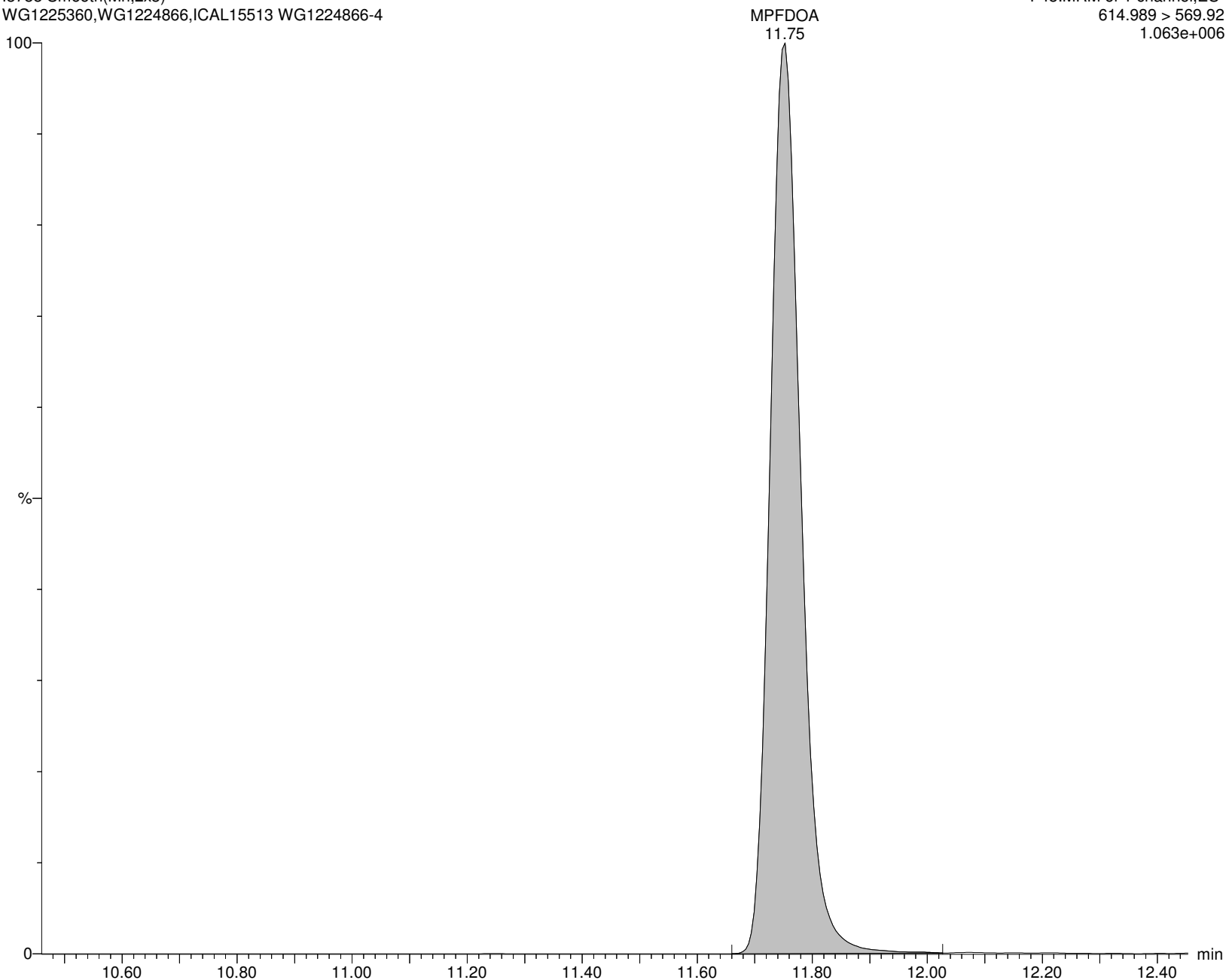
I3788 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F48:MRM of 1 channel,ES-

614.989 > 569.92

1.063e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTTrDA

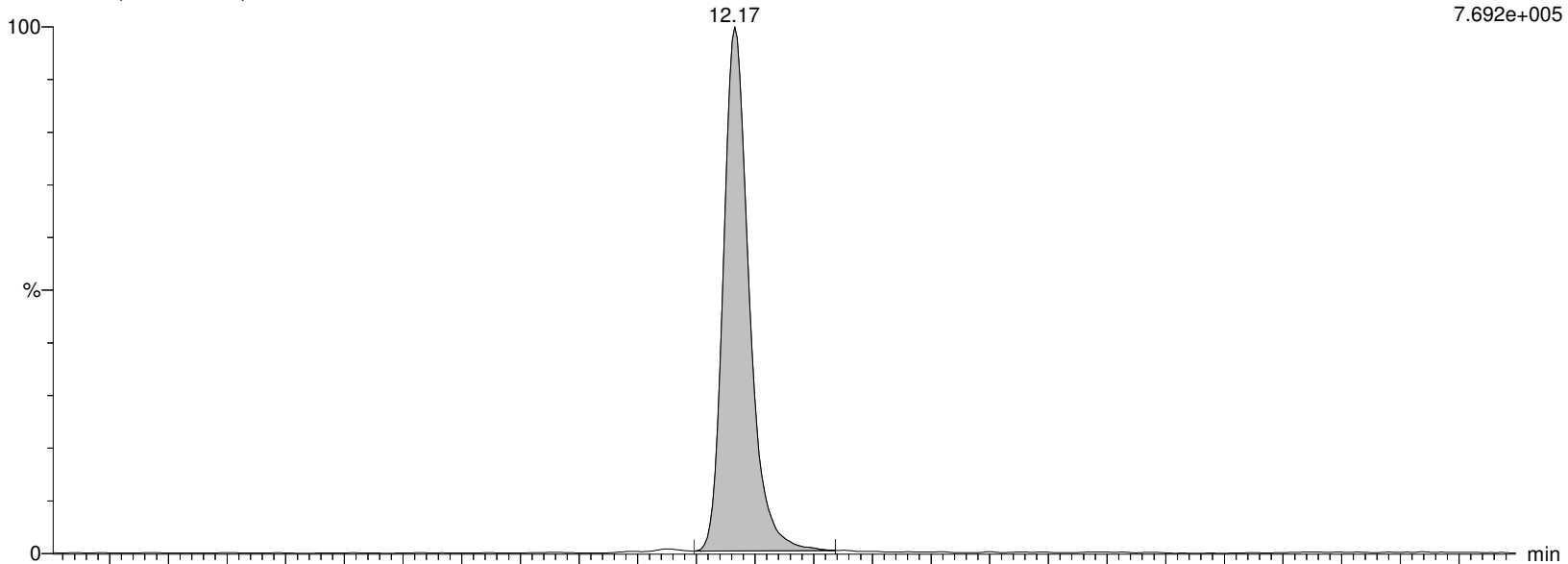
I3788 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-4

F51:MRM of 2 channels, ES-

663.053 > 618.969

7.692e+005



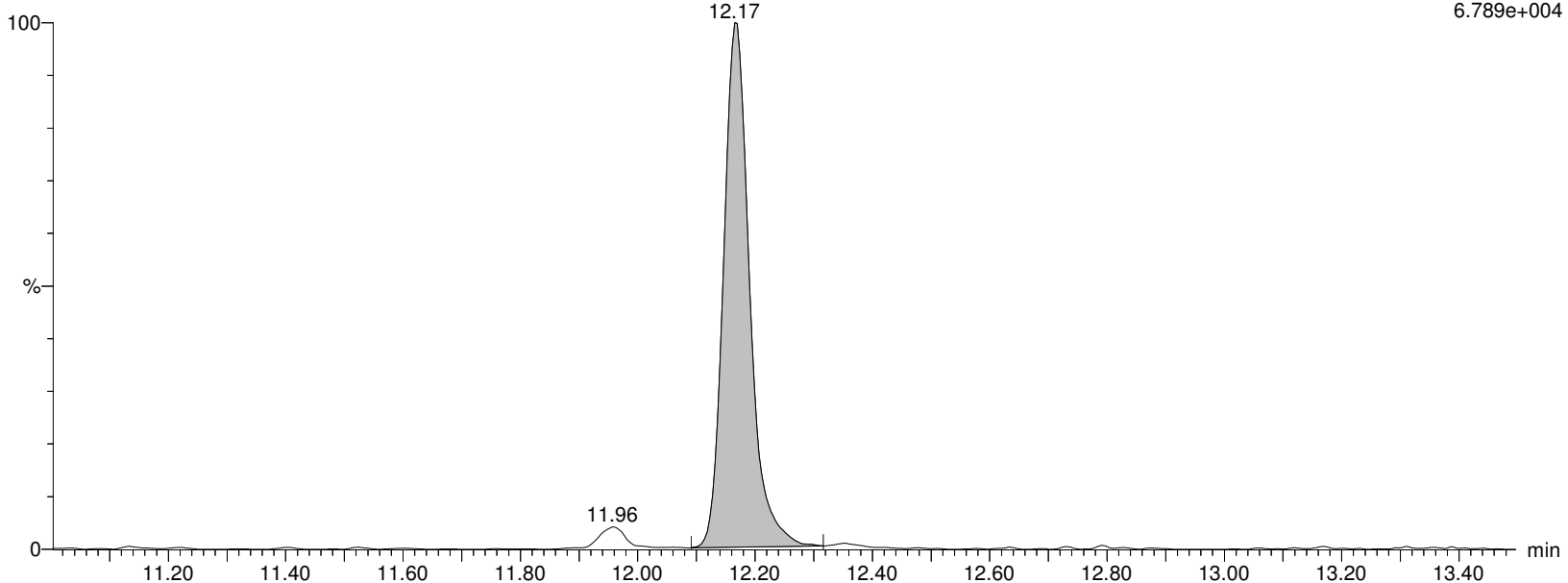
I3788 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-4

F51:MRM of 2 channels, ES-

663.053 > 319.02

6.789e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTA

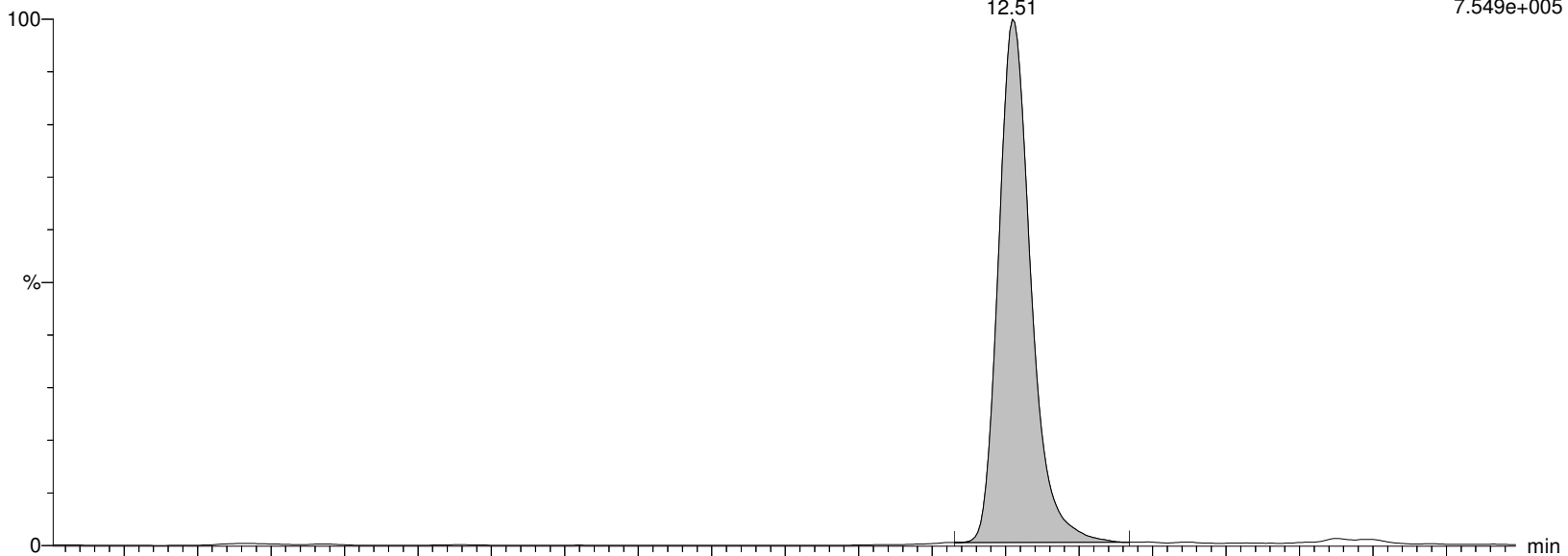
I3788 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F52:MRM of 2 channels,ES-

713.053 > 668.976

7.549e+005



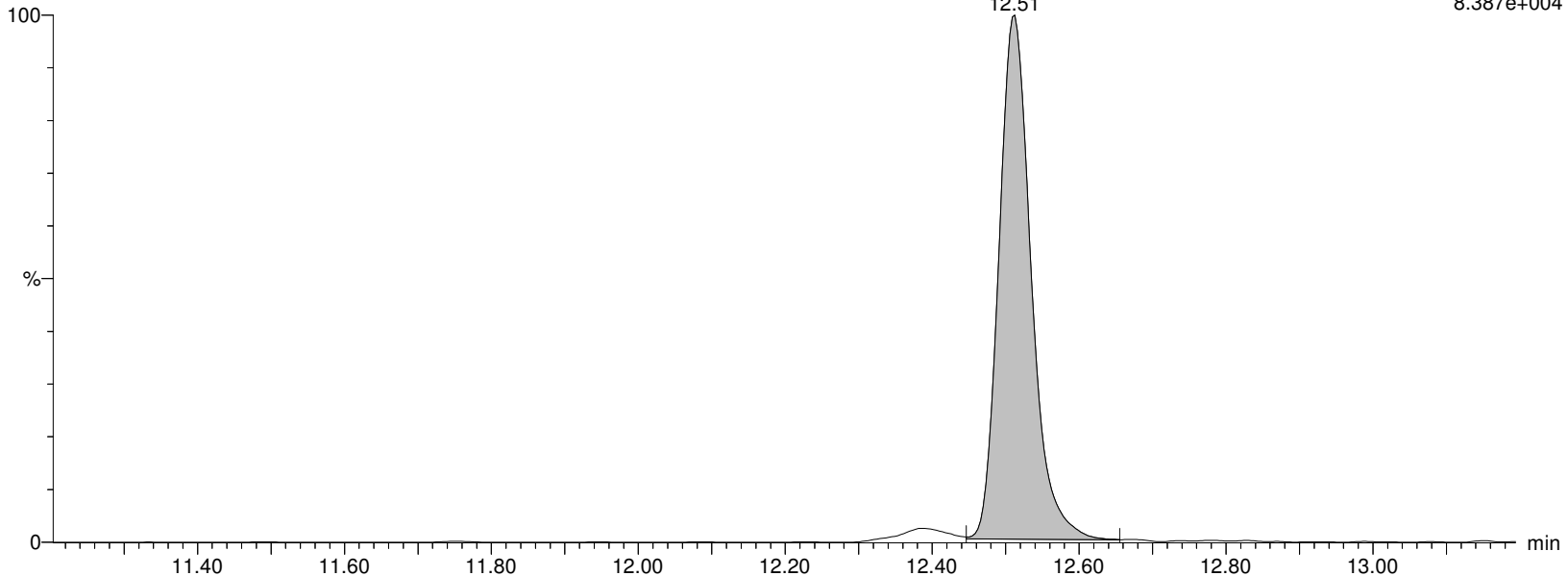
I3788 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F52:MRM of 2 channels,ES-

713.053 > 219.09

8.387e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:10 Eastern Daylight Time

Name: I3788

ID: WG1224866-4

Date: 11-Apr-2019

Time: 14:03:47

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,7

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFTEDA

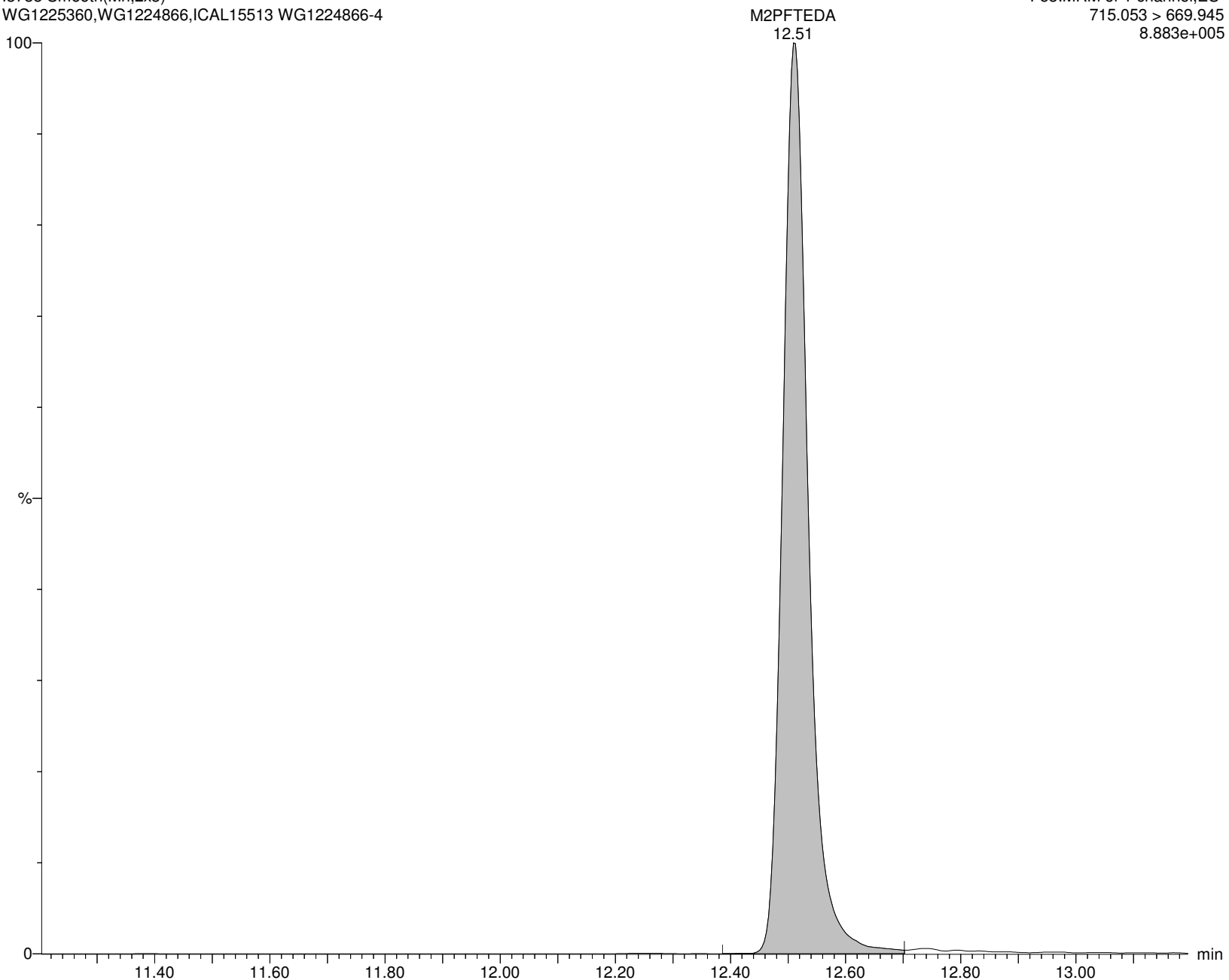
I3788 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-4

F53:MRM of 1 channel,ES-

715.053 > 669.945

8.883e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Method: C:\MassLynx\Data\2019\190411_537ISO.PRO\MethDB\537ISO_Q_190215_RT.mdb 10 Apr 2019 16:27:50

Calibration: C:\MassLynx\Data\2019\190411_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 08:45:17

ID: WG1224866-5

Name: I3789

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:JW

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
1	PFBA	375-22-4	2.35	212.926 > 169.111	40668		11.803		na	118.0
2	M3PFBA	INT STD	2.35	215.926 > 172.122	41740		8.794		na	87.9
3	MPFBA	INT STD	2.35	216.926 > 172.137	40166		8.908		na	89.1
4	PFPeA	2706-90-3	5.24	262.926 > 219.002	68142		10.754		na	107.5
5	M5PFPEA	INT STD	5.25	267.989 > 223.081	59165		10.548		na	105.5
6	PFBS	375-73-5	5.89	298.989 > 80.295	12528		10.126		na	114.4
7	M3PFBS	INT STD	5.88	301.989 > 80.254	11851		9.514		na	95.1
8	4:2FTS	757124-72-4	7.05	326.926 > 306.957	6979		11.835	2.36	YES	126.6
9	M2-4:2FTS	INT STD	7.05	329.117 > 309.079	5075		8.781		na	87.8
10	PFHxA	307-24-4	7.13	312.989 > 269.028	85351		11.486	18.25	NO	114.9
11	M5PFHxA	INT STD	7.13	317.989 > 273.045	73384		9.440		na	94.4
12	PFPeS	2706-91-4	7.44	348.926 > 80.251	13870		10.768	1.89	NO	114.6
13	PFHpA	375-85-9	8.40	362.926 > 319.014	89889		10.352	5.53	NO	103.5
14	M4PFHpA	INT STD	8.40	366.926 > 321.979	86734		8.636		na	86.4
15	br-PFHxS	355-46-4	8.32	398.926 > 80.295	1529	M5	1.365	2.87	YES	80.3
16	L-PFHxS	355-46-4	8.55	398.926 > 80.295	11138		9.144	1.54	NO	123.6
17	PFHxS	355-46-4		398.926 > 80.295	12667		10.509		na	
18	M3PFHxS	INT STD	8.55	401.926 > 80.317	8800		9.981		na	99.8
19	br-PFOA	335-67-1		412.989 > 368.9			ND		YES	
20	L-PFOA	335-67-1	9.34	412.989 > 368.9	92425		10.296	9.98	NO	103.0
21	M2PFOA	INT STD	9.34	415.032 > 369.968	93507		9.442		na	94.4
22	PFOA	335-67-1		412.989 > 368.9	92425		10.296		na	
23	M8PFOA	INT STD	9.34	420.989 > 375.979	83961		9.349		na	93.5
24	6:2FTS	27619-97-2	9.30	426.989 > 406.921	4908		11.502		na	121.1
25	M2-6:2FTS	INT STD	9.30	428.989 > 408.917	4384		7.553		na	75.5
26	PFHpS	375-92-8	9.43	448.926 > 80.257	6962		11.070	0.91	YES	116.5
27	PFNA	375-95-1	10.10	462.989 > 418.931	82356		11.150	4.68	NO	111.5
28	M9PFNA	INT STD	10.10	472.053 > 426.947	79833		9.348		na	93.5
29	br-PFOS	1763-23-1	9.95	498.989 > 80.294	3103	M5	2.494	6.00	NO	124.7
30	L-PFOS	1763-23-1	10.14	498.989 > 80.294	6701		6.393	1.65	YES	87.6
31	PFOS	1763-23-1		498.989 > 80.294	9804		8.886		na	
32	M4PFOS	INT STD	10.14	503.032 > 80.306	10014		10.830		na	108.3
33	M8PFOS	INT STD	10.14	507.053 > 80.294	9162		9.099		na	91.0
34	PFDA	335-76-2	10.72	513.053 > 468.906	66102		10.445	6.72	NO	104.4
35	M2PFDA	INT STD	10.73	515.053 > 469.934	79108		10.487		na	104.9
36	M6PFDA	INT STD	10.72	519.053 > 473.931	68259		8.062		na	80.6
37	8:2FTS	39108-34-4	10.72	526.989 > 506.946	3620		12.333		na	128.5
38	M2-8:2FTS	INT STD	10.72	529.053 > 508.945	2650		8.295		na	82.9
39	PFNS	68259-12-1	10.75	548.989 > 80.249	7747		9.850	1.34	NO	102.6

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

ID: WG1224866-5

Name: I3789

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

Instrument: XEVO-TQSmicro#QEB0050

User: LCMS02:JW

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

	Name	CAS	RT	Trace	Area	M Flag	Conc (ng/mL)	Ion Ratio	Ratio Flag	%Rec
40	d3-NMeFOSAA	INT STD	11.09	573.096 > 418.987	5181		6.435		na	64.4
41	NMeFOSAA	2355-31-9	11.09	570.053 > 418.917	5849		10.919		na	109.2
42	PfUnA	2058-94-8	11.27	562.989 > 518.903	61004		9.276	8.16	NO	92.8
43	M7-PFUDA	INT STD	11.27	570.053 > 524.923	60563		8.529		na	85.3
44	PFDS	335-77-3	11.28	598.926 > 80.314	7609		10.347	1.27	YES	107.2
45	FOSA	754-91-6	11.06	497.989 > 78.245	9176		10.061		na	100.6
46	M8FOSA	INT STD	11.07	506.053 > 78.286	8848		3.328		na	33.3
47	d5-NEtFOSAA	INT STD	11.38	589.117 > 418.929	4782		6.564		na	65.6
48	NEtFOSAA	2991-50-6	11.39	583.989 > 418.927	5134		9.916	2.62	YES	99.2
49	PFDaA	307-55-1	11.75	612.989 > 568.967	62446		9.917	14.34	NO	99.2
50	MPFDOA	INT STD	11.75	614.989 > 569.92	69242		8.499		na	85.0
51	PFTTrDA	72629-94-8	12.17	663.053 > 618.969	44922		9.500	11.41	NO	95.0
52	PFTA	376-06-7	12.51	713.053 > 668.976	46601		11.570	9.46	NO	115.7
53	M2PFTEDA	INT STD	12.51	715.053 > 669.945	47622		8.778		na	87.8

Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Method: C:\MassLynx\Data\2019\190411_537ISO.PRO\MethDB\537ISO_Q_190215_RT.mdb 10 Apr 2019 16:27:50

Calibration: C:\MassLynx\Data\2019\190411_537ISO.PRO\CurveDB\190214_ISO_ICAL.cdb 15 Feb 2019 08:45:17

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBA

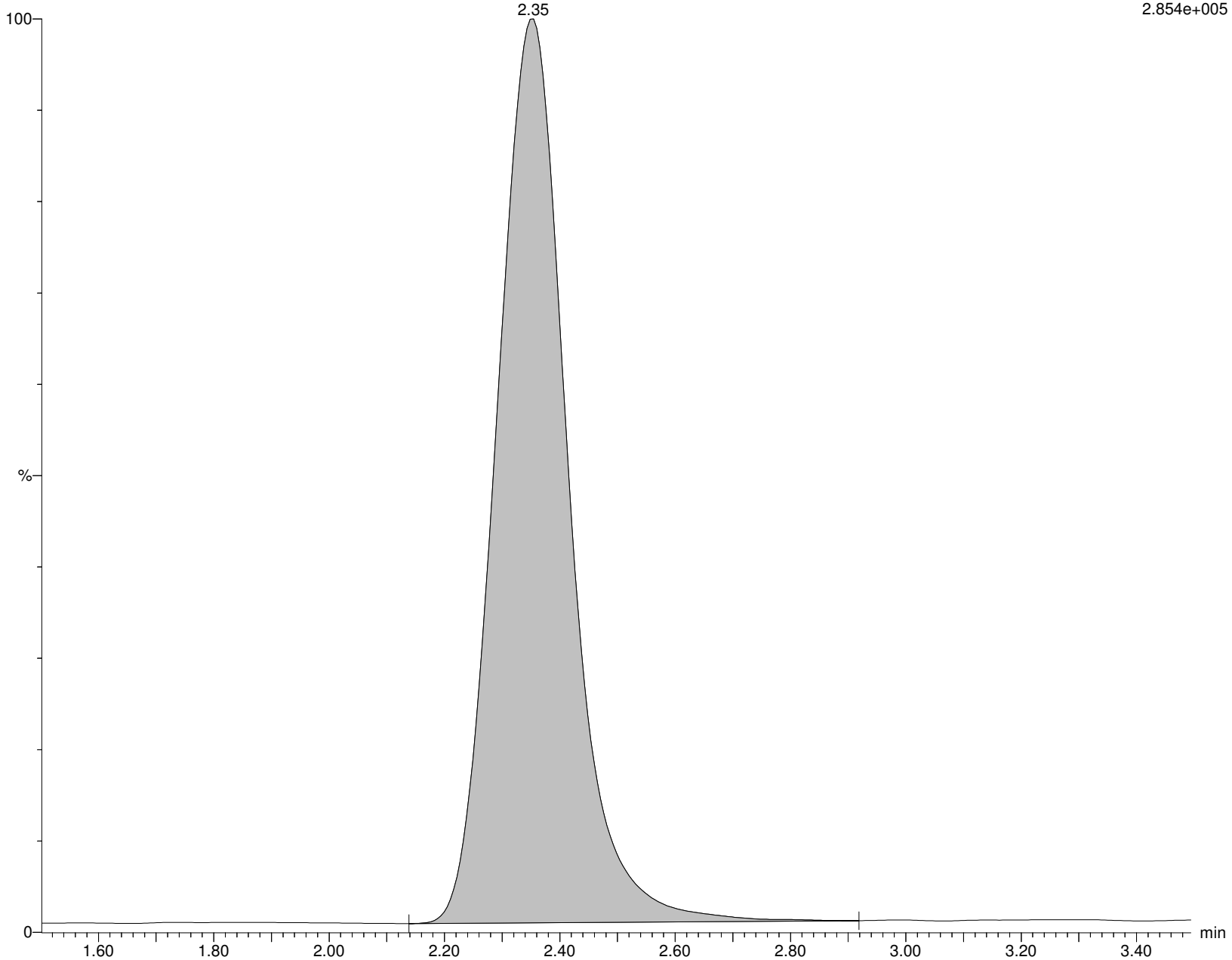
I3789 Smooth(Mn,2x5)

WG1225360, WG1224866, ICAL15513 WG1224866-5

F1:MRM of 1 channel,ES-

212.926 > 169.111

2.854e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBA

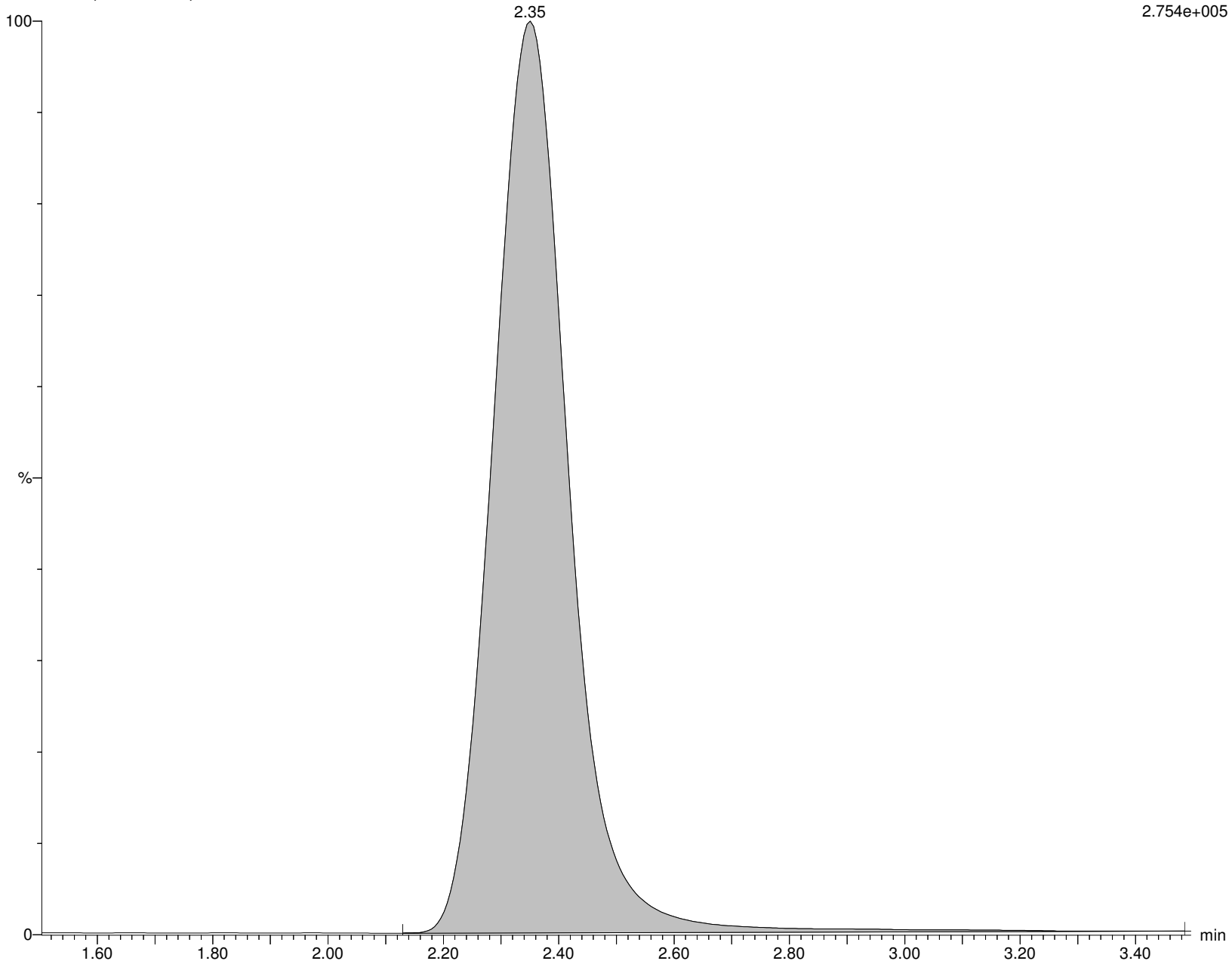
I3789 Smooth(Mn,2x6)

WG1225360, WG1224866, ICAL15513 WG1224866-5

F2:MRM of 1 channel, ES-

215.926 > 172.122

2.754e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFBA

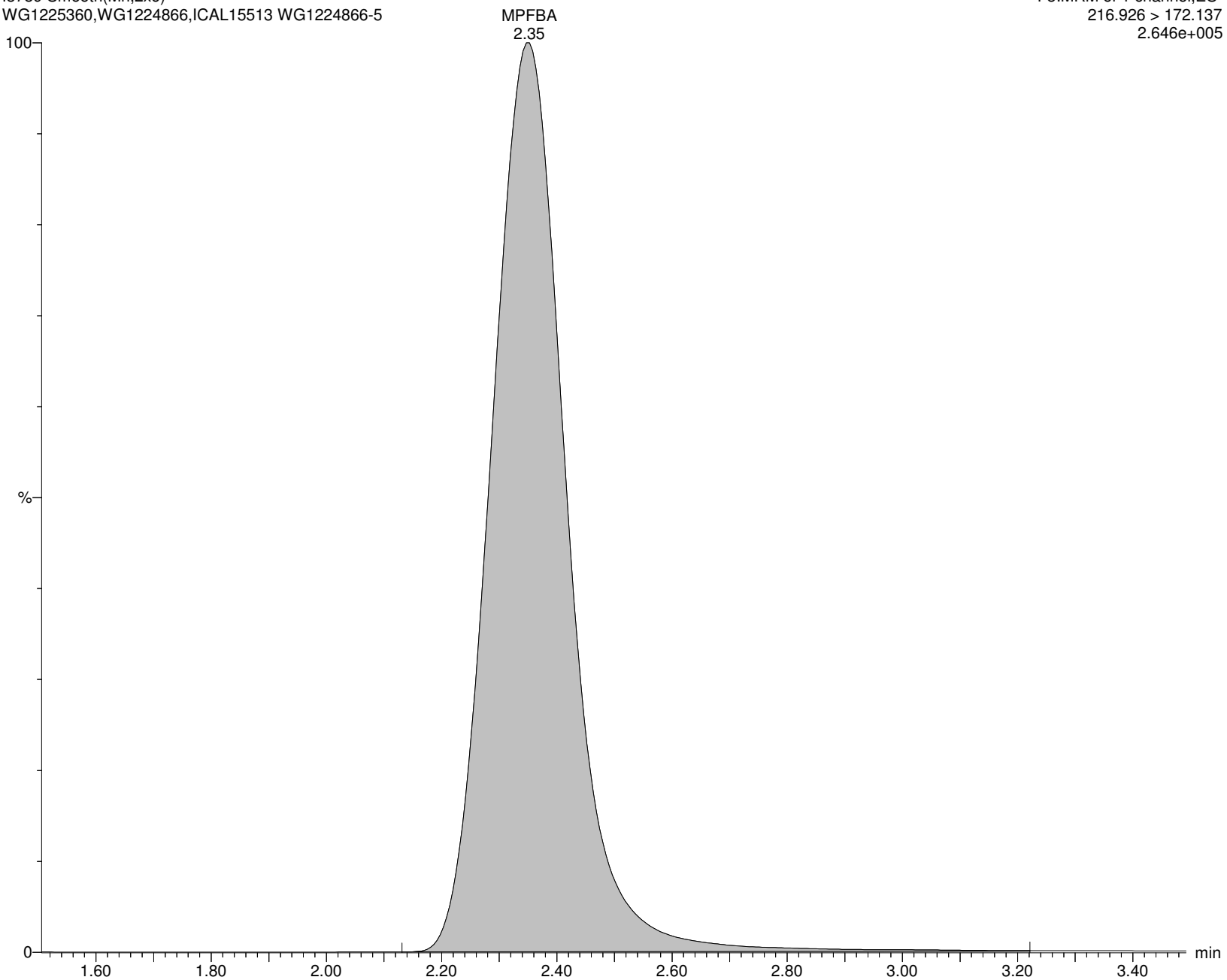
I3789 Smooth(Mn,2x6)

WG1225360, WG1224866, ICAL15513 WG1224866-5

F3:MRM of 1 channel, ES-

216.926 > 172.137

2.646e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeA

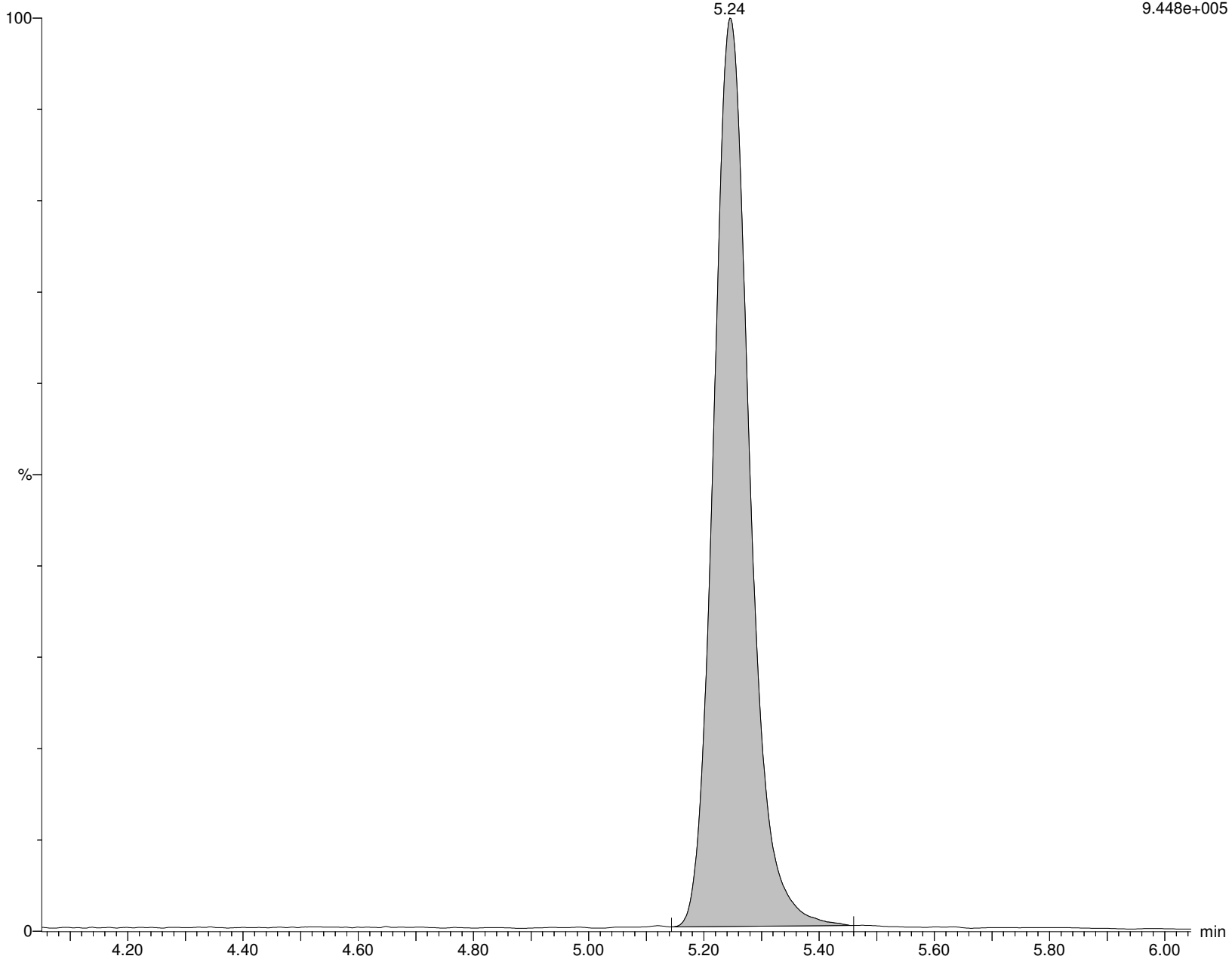
I3789 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F4:MRM of 2 channels,ES-

262.926 > 219.002

9.448e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFPEA

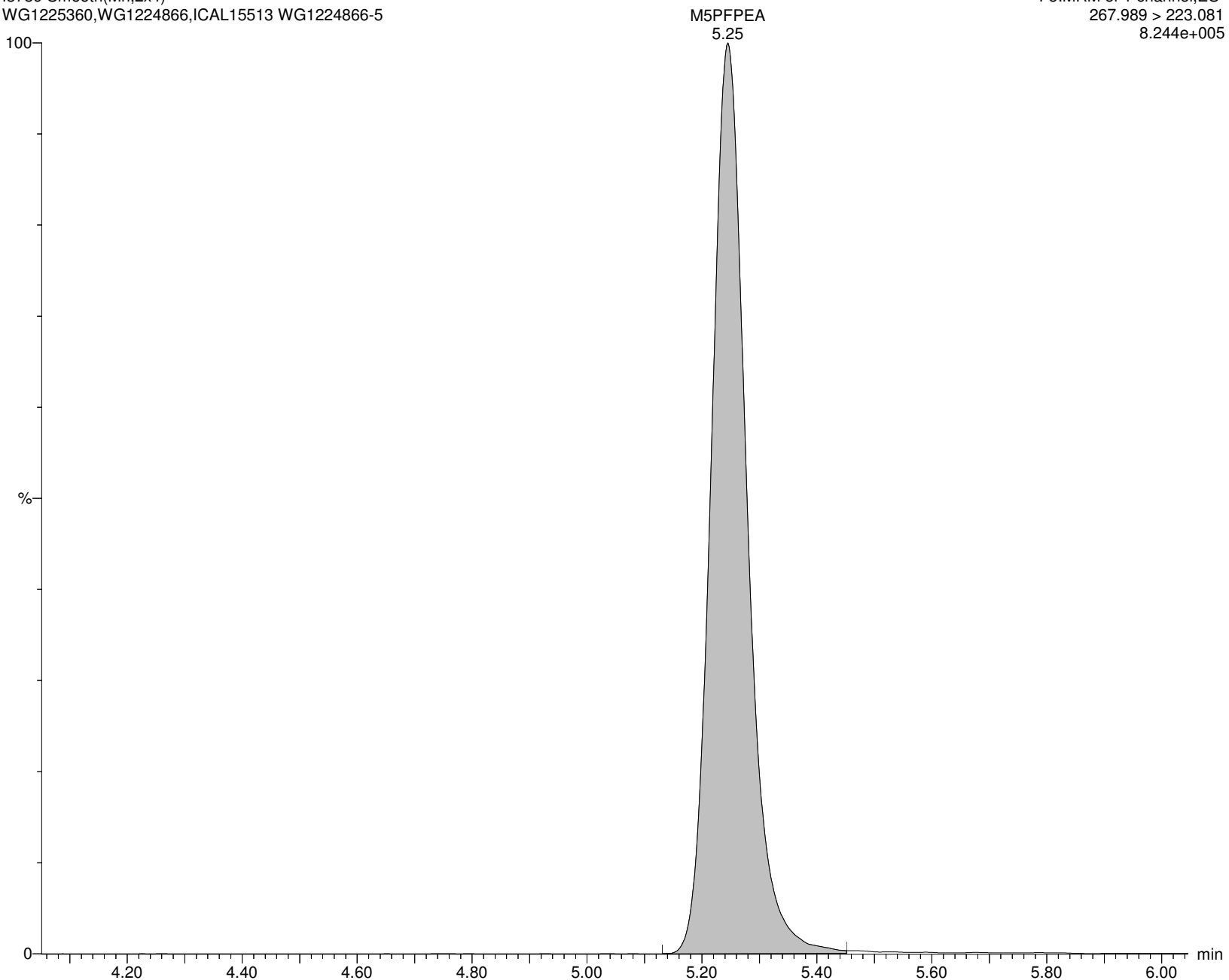
I3789 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F5:MRM of 1 channel,ES-

267.989 > 223.081

8.244e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFBS

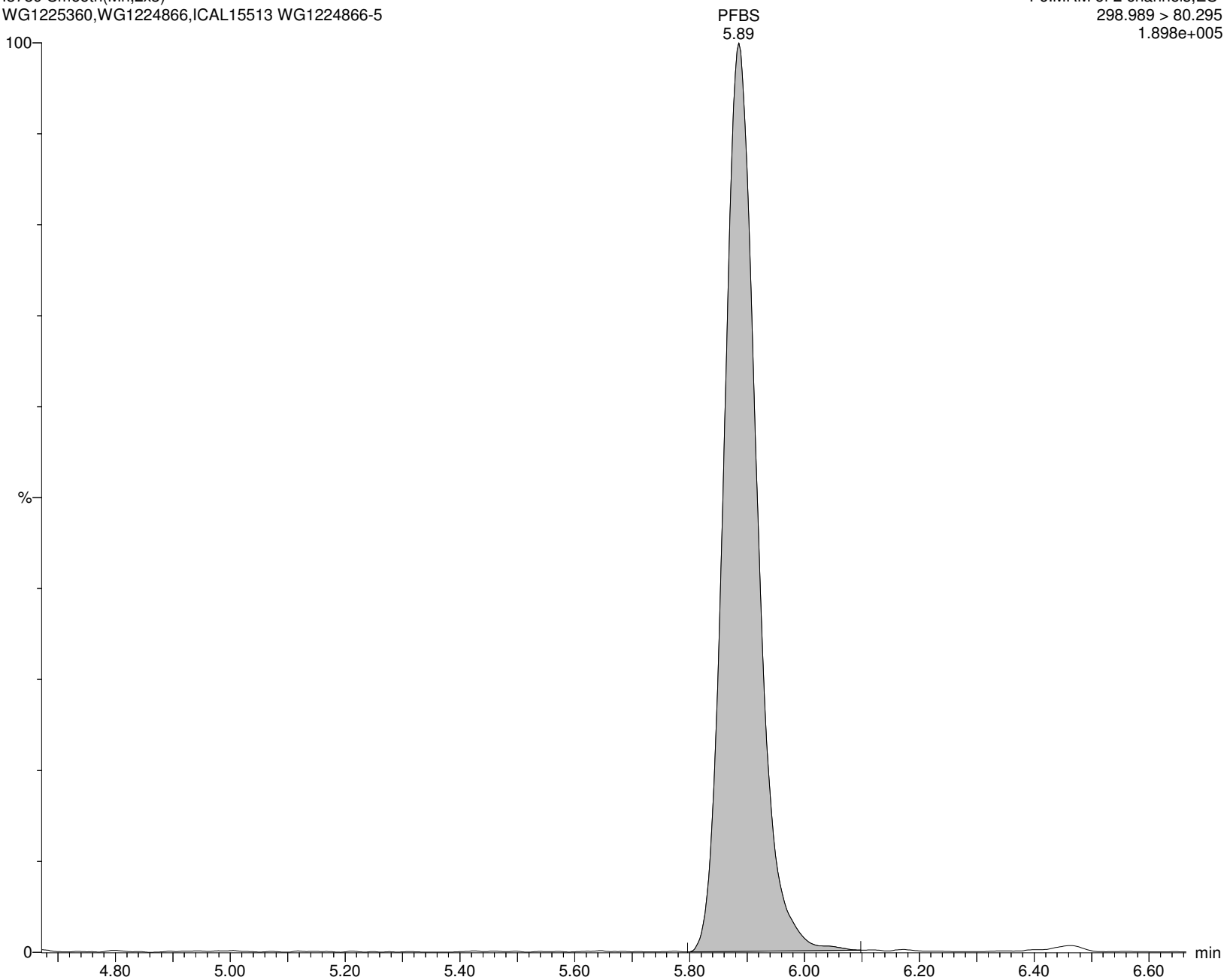
I3789 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F6:MRM of 2 channels,ES-

298.989 > 80.295

1.898e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFBS

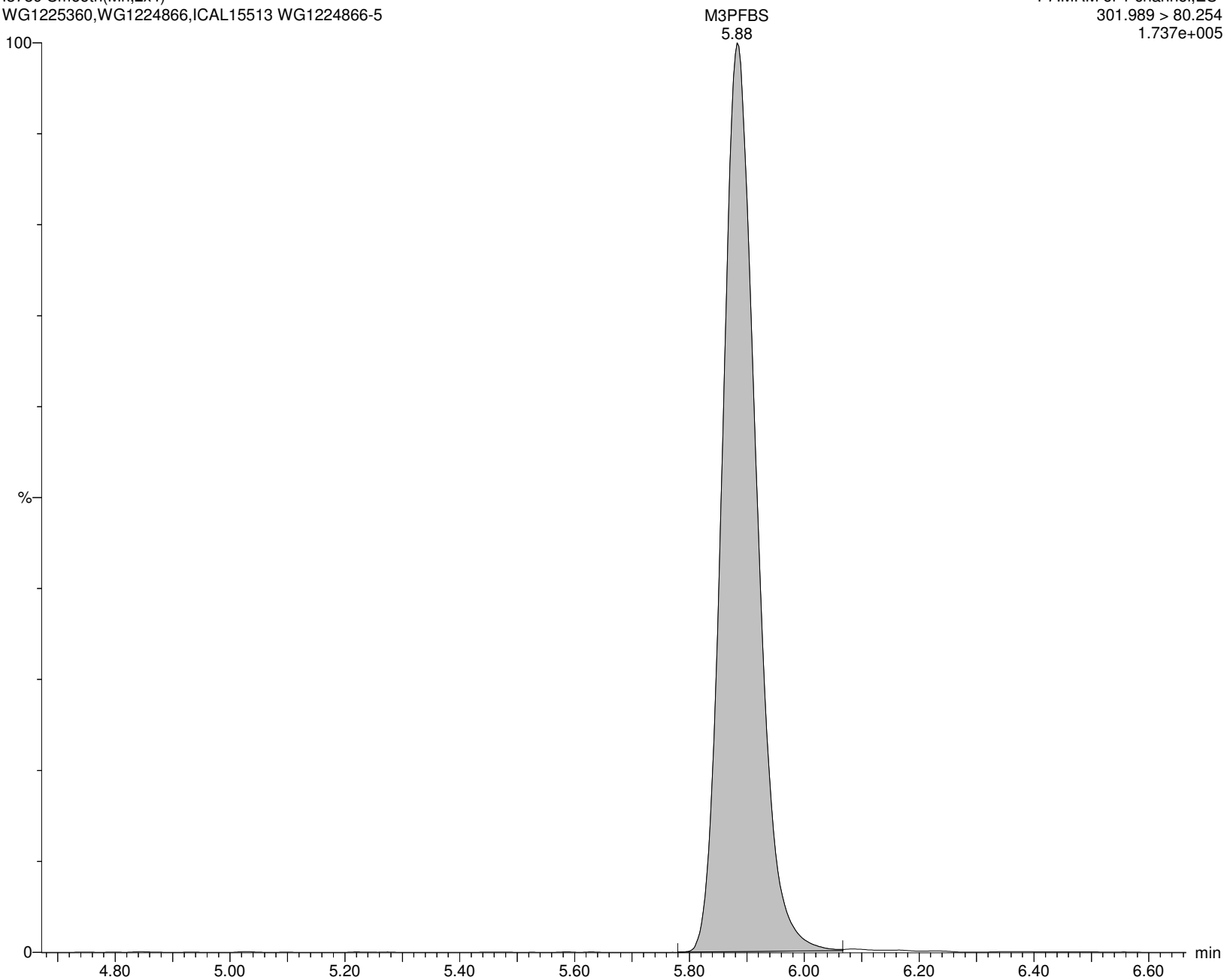
I3789 Smooth(Mn,2x4)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F7:MRM of 1 channel,ES-

301.989 > 80.254

1.737e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

4:2FTS

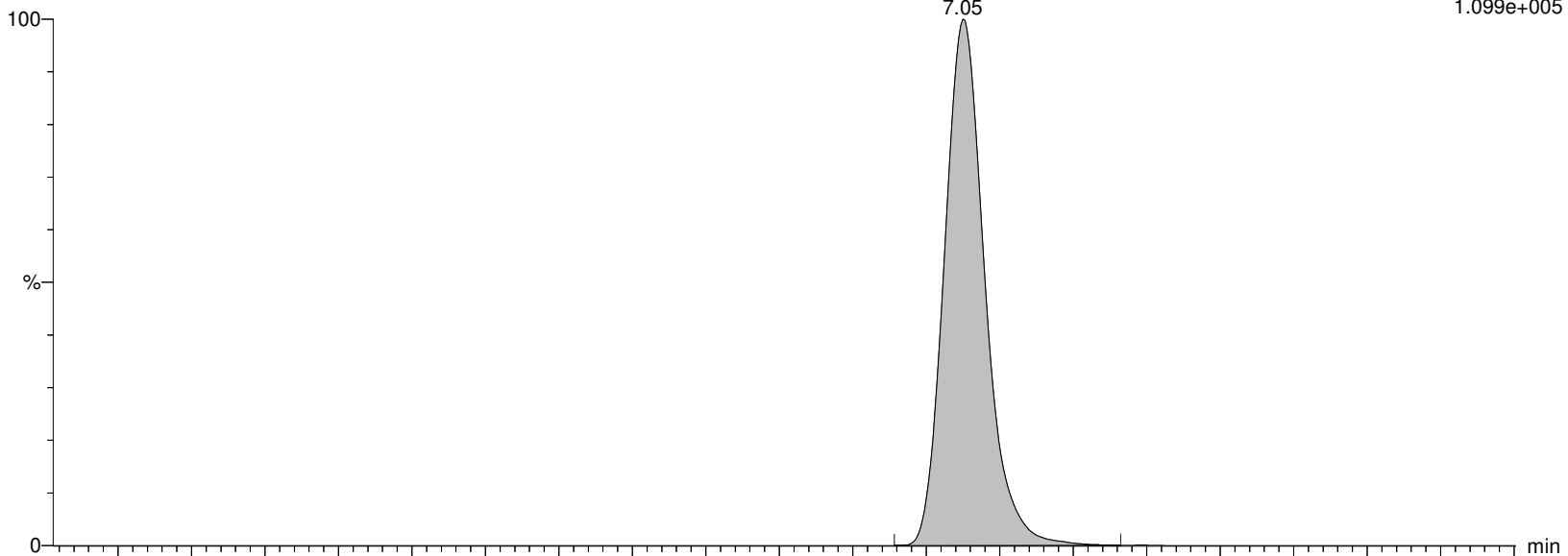
I3789 Smooth(Mn,5x3)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F10:MRM of 2 channels,ES-

326.926 > 306.957

1.099e+005



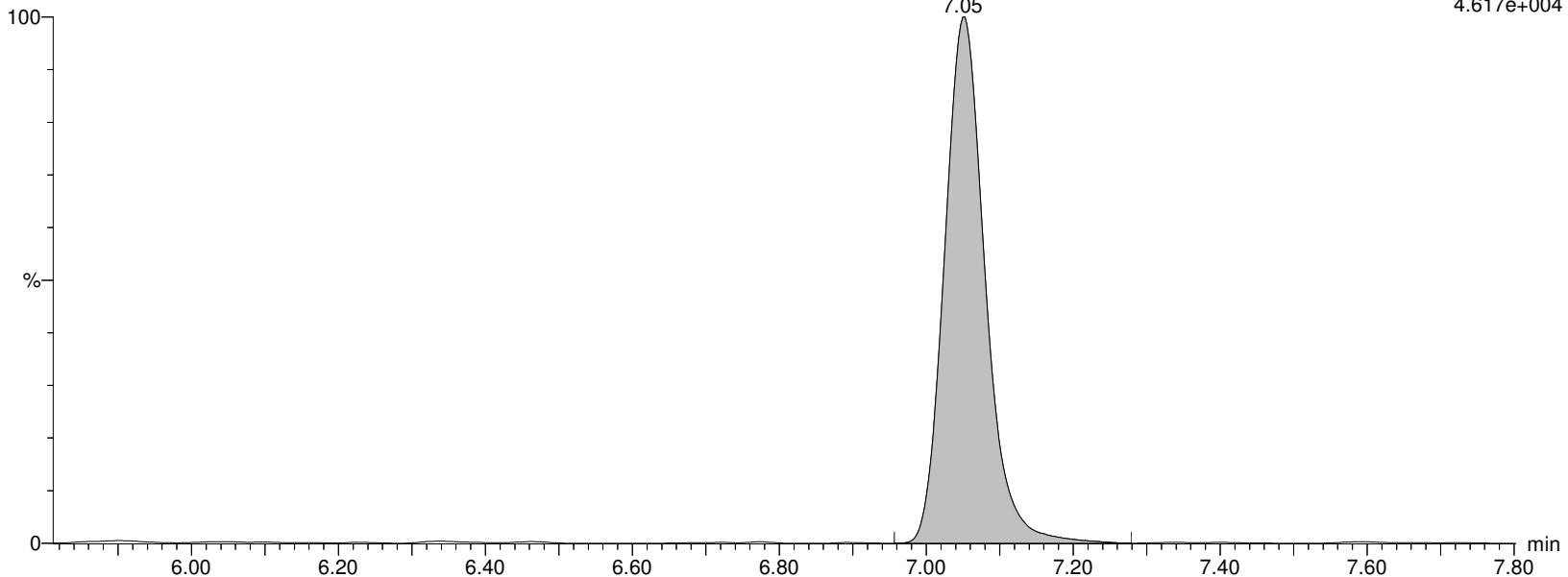
I3789 Smooth(Mn,5x3)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F10:MRM of 2 channels,ES-

326.926 > 81.02

4.617e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-4:2FTS

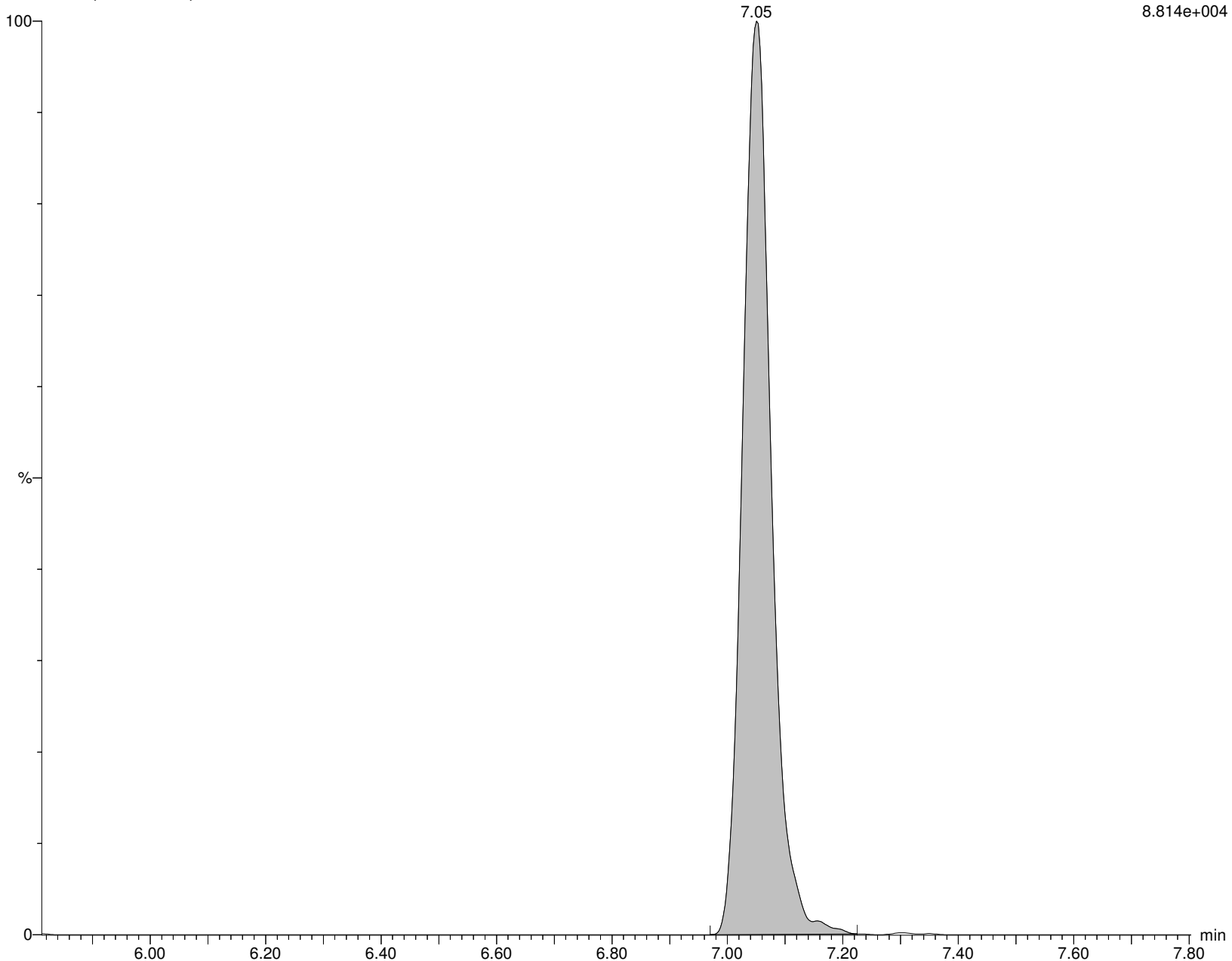
I3789 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F12:MRM of 2 channels,ES-

329.117 > 309.079

8.814e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxA

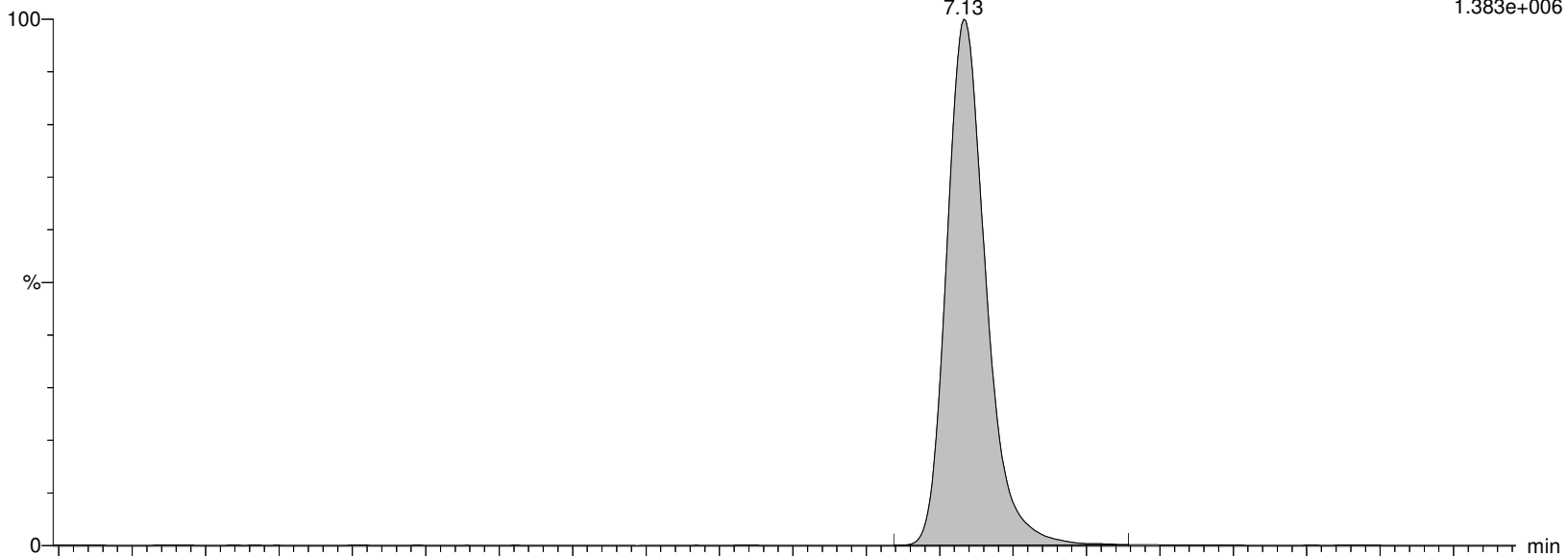
I3789 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 WG1224866-5

F8:MRM of 2 channels, ES-

312.989 > 269.028

1.383e+006



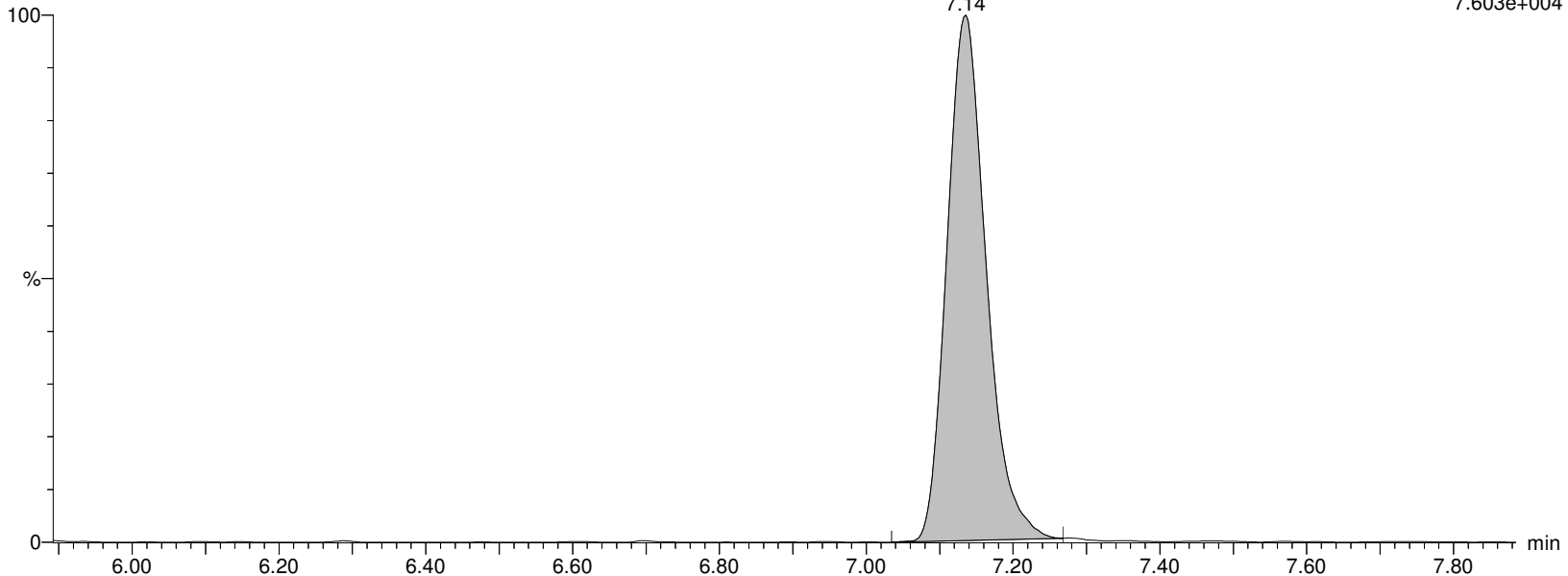
I3789 Smooth(Mn,2x3)

WG1225360, WG1224866, ICAL15513 WG1224866-5

F8:MRM of 2 channels, ES-

312.989 > 119.18

7.603e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M5PFHxA

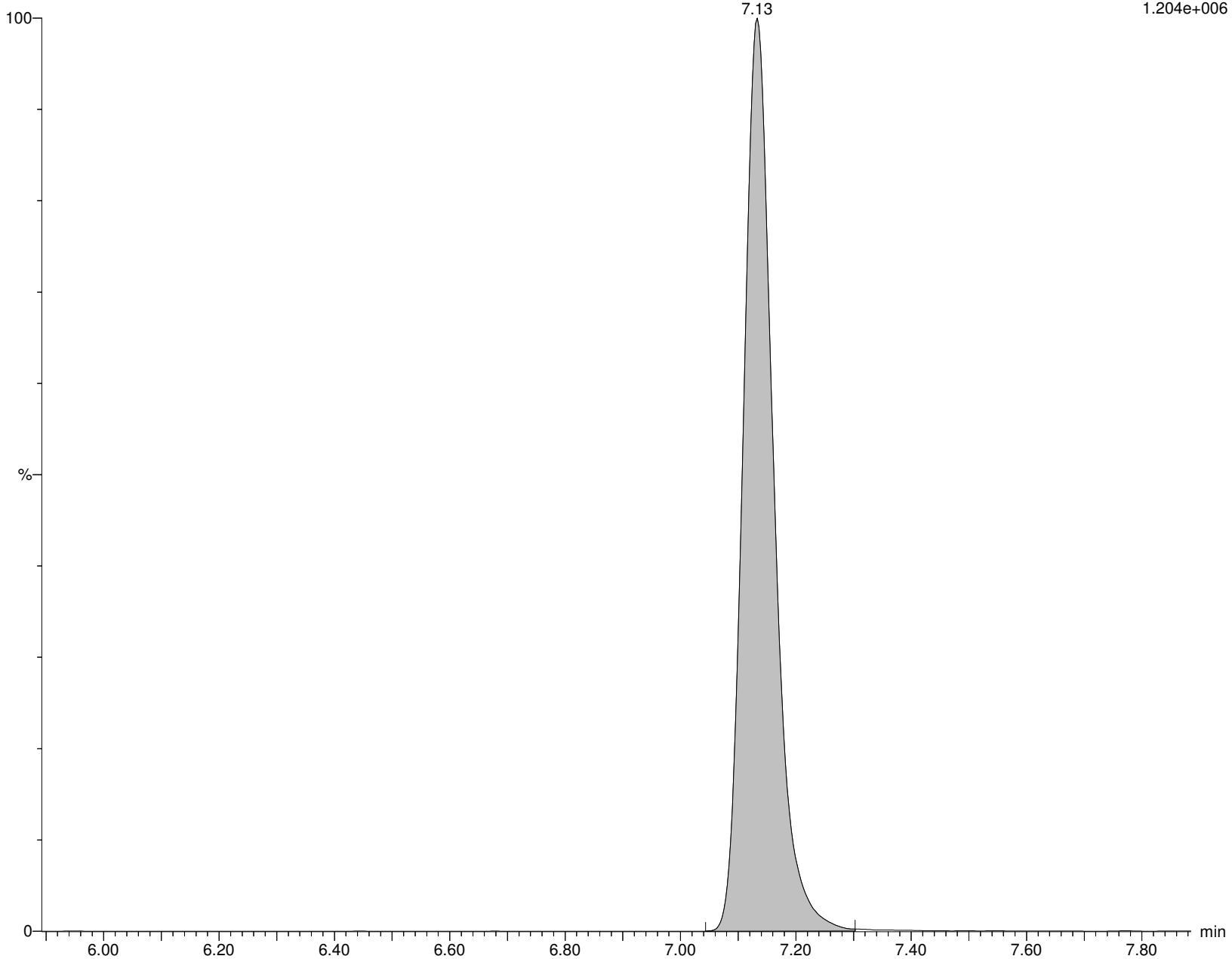
I3789 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F9:MRM of 1 channel,ES-

317.989 > 273.045

1.204e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFPeS

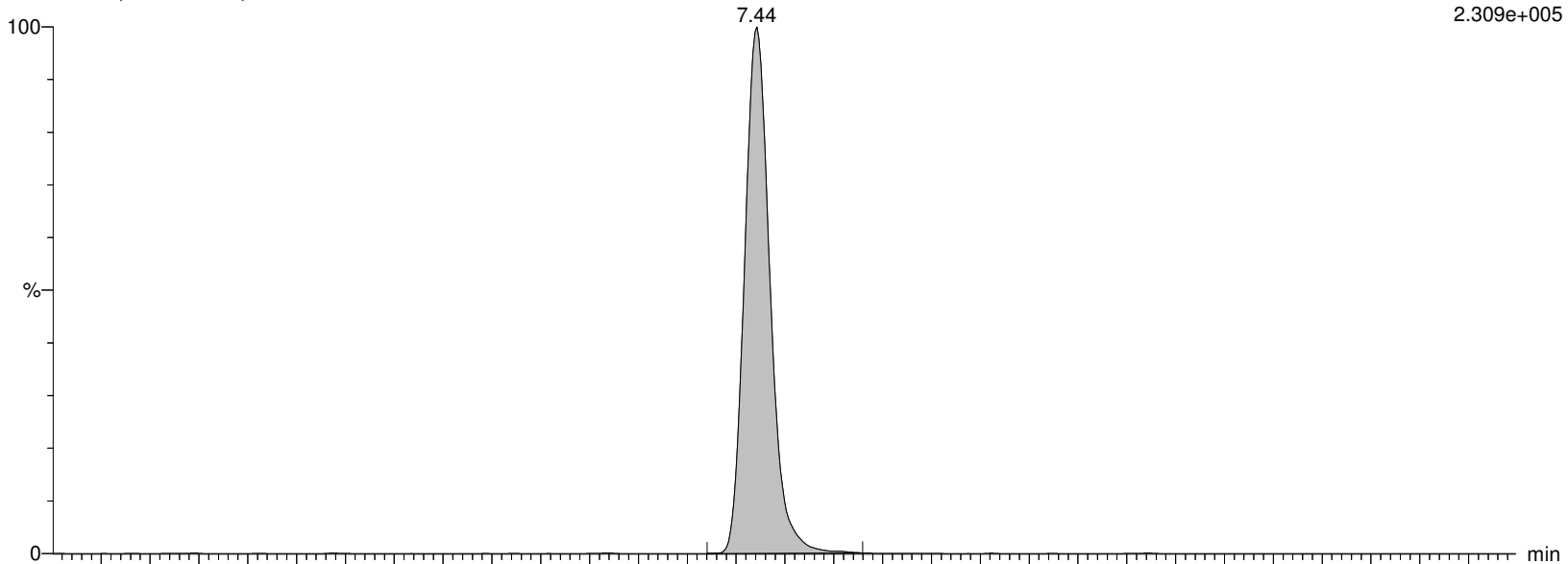
I3789 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F14:MRM of 2 channels,ES-

348.926 > 80.251

2.309e+005



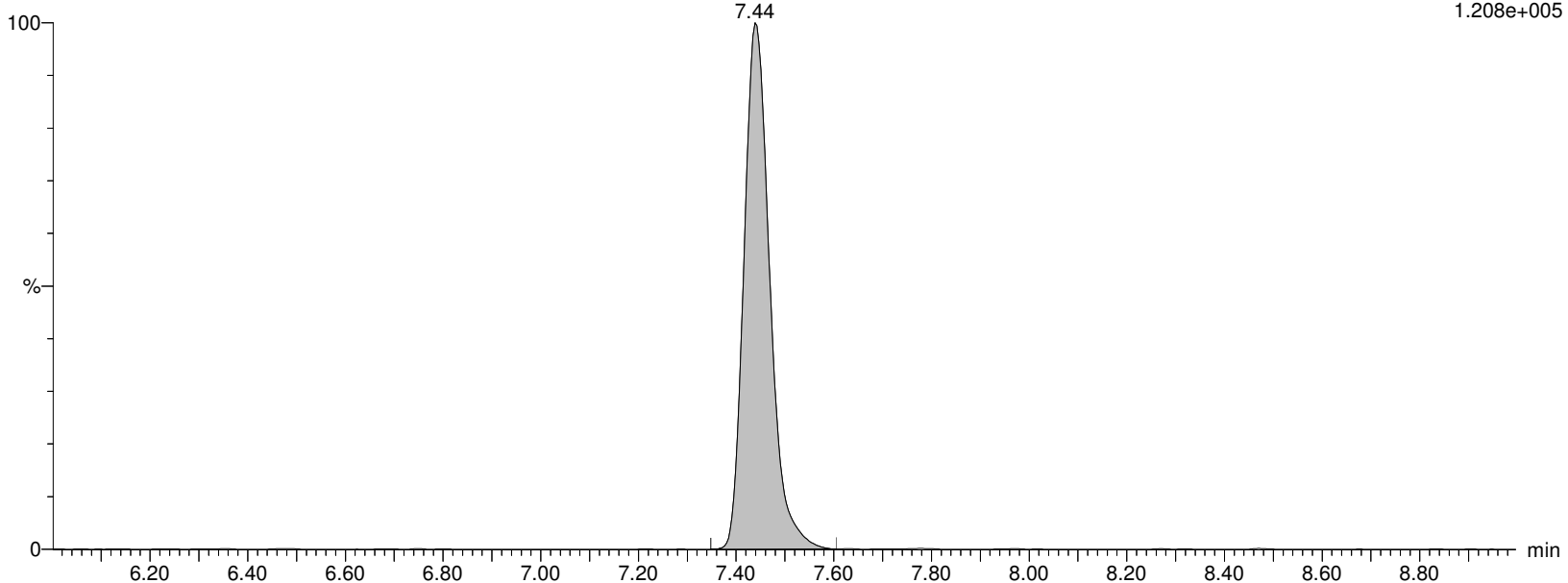
I3789 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F14:MRM of 2 channels,ES-

348.926 > 99.16

1.208e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpA

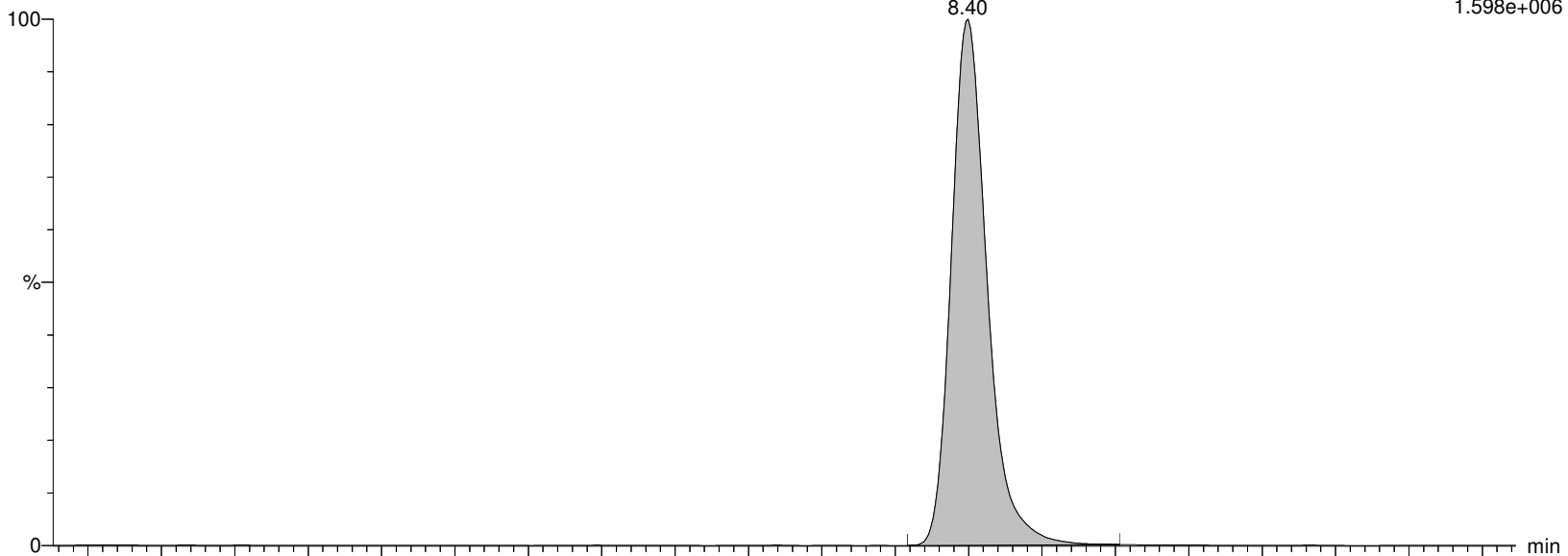
I3789 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F15:MRM of 2 channels,ES-

362.926 > 319.014

1.598e+006



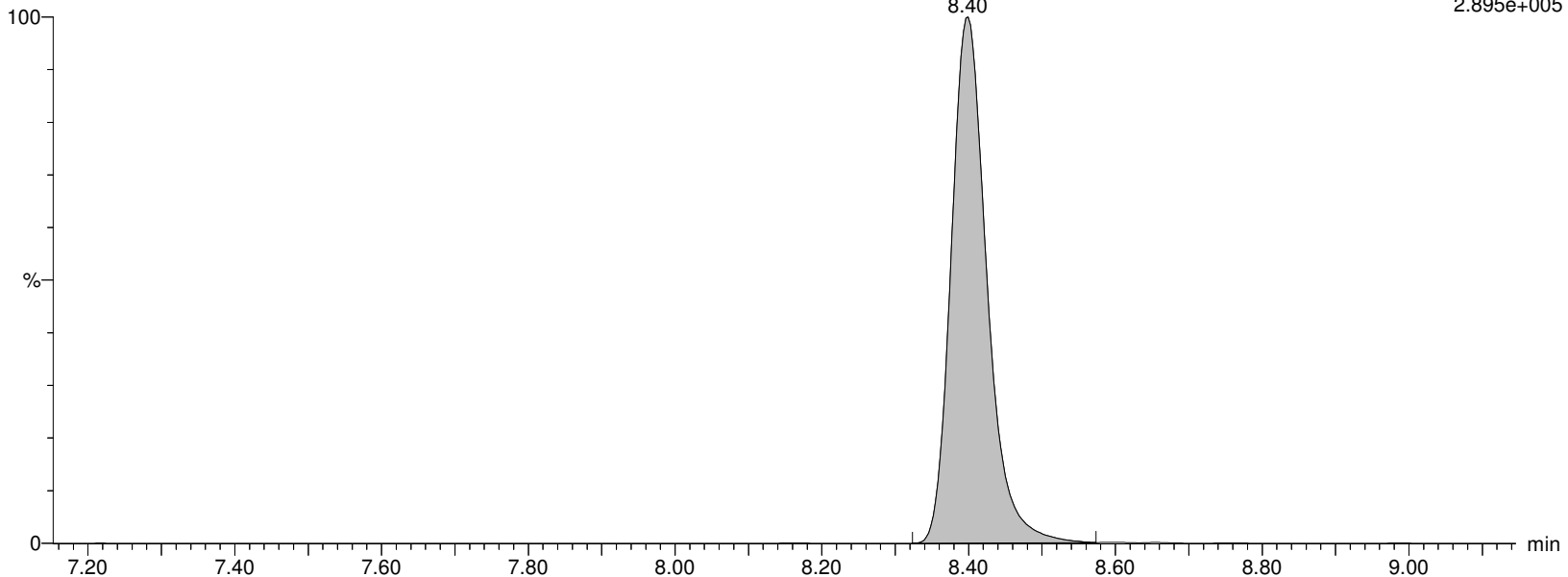
I3789 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F15:MRM of 2 channels,ES-

362.926 > 169.12

2.895e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFHpA

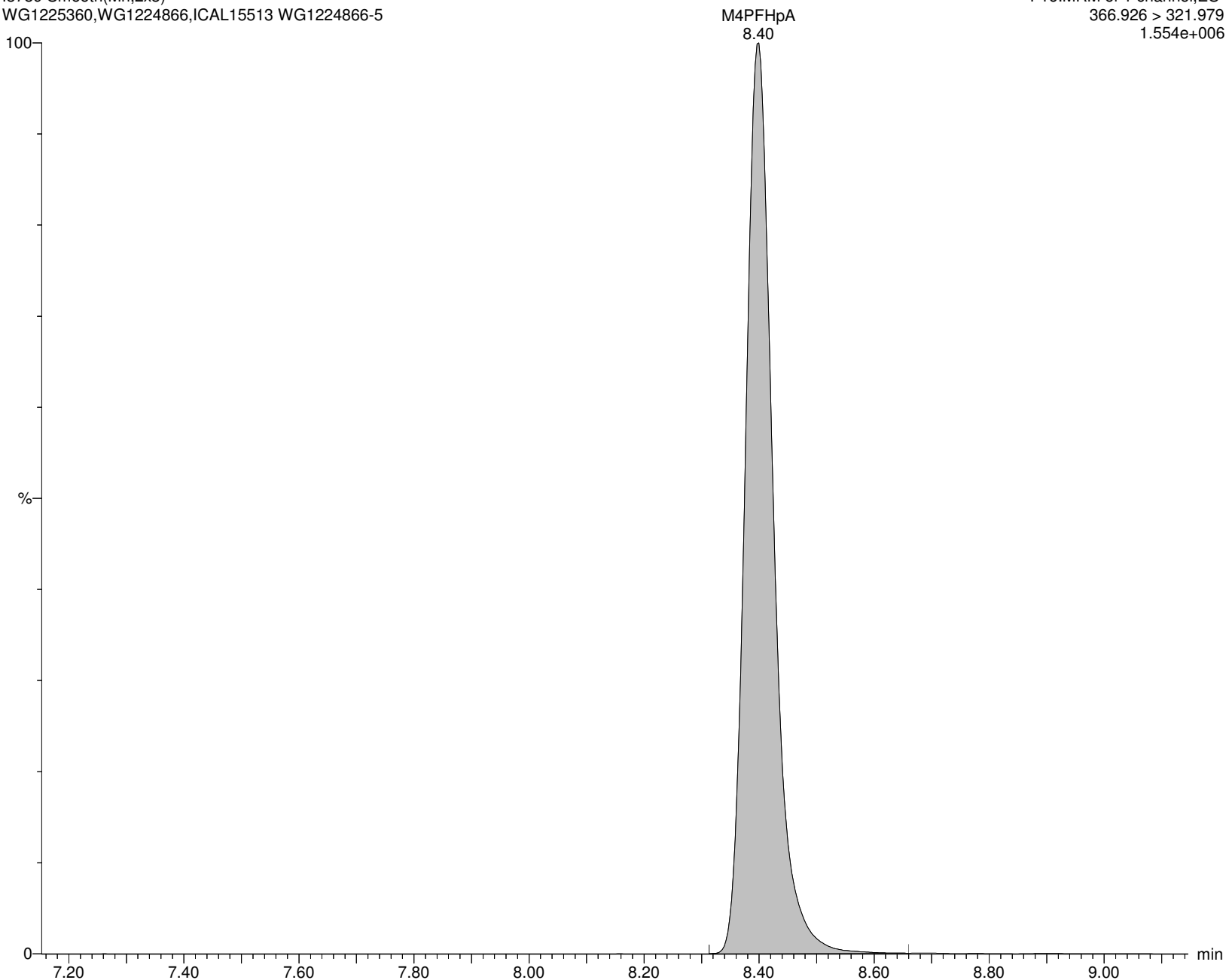
I3789 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F16:MRM of 1 channel,ES-

366.926 > 321.979

1.554e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFHxS

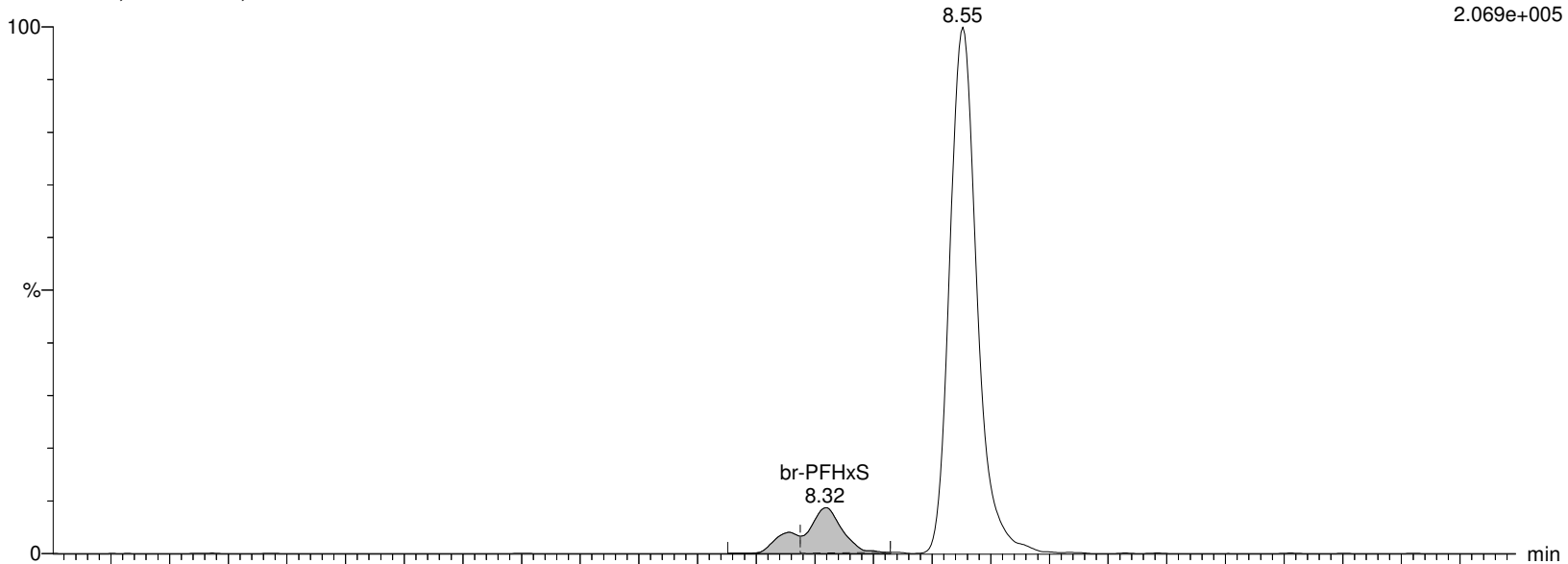
I3789 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F18:MRM of 2 channels,ES-

398.926 > 80.295

2.069e+005



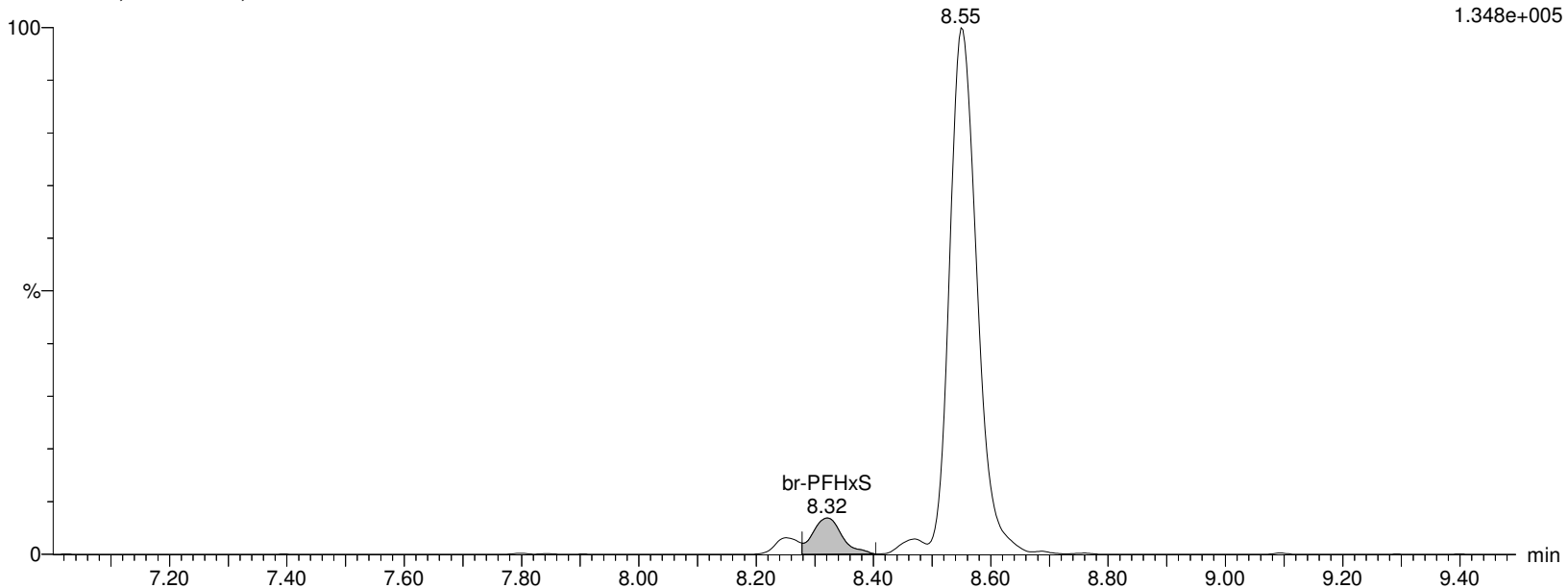
I3789 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F18:MRM of 2 channels,ES-

398.926 > 99.2

1.348e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFHxS

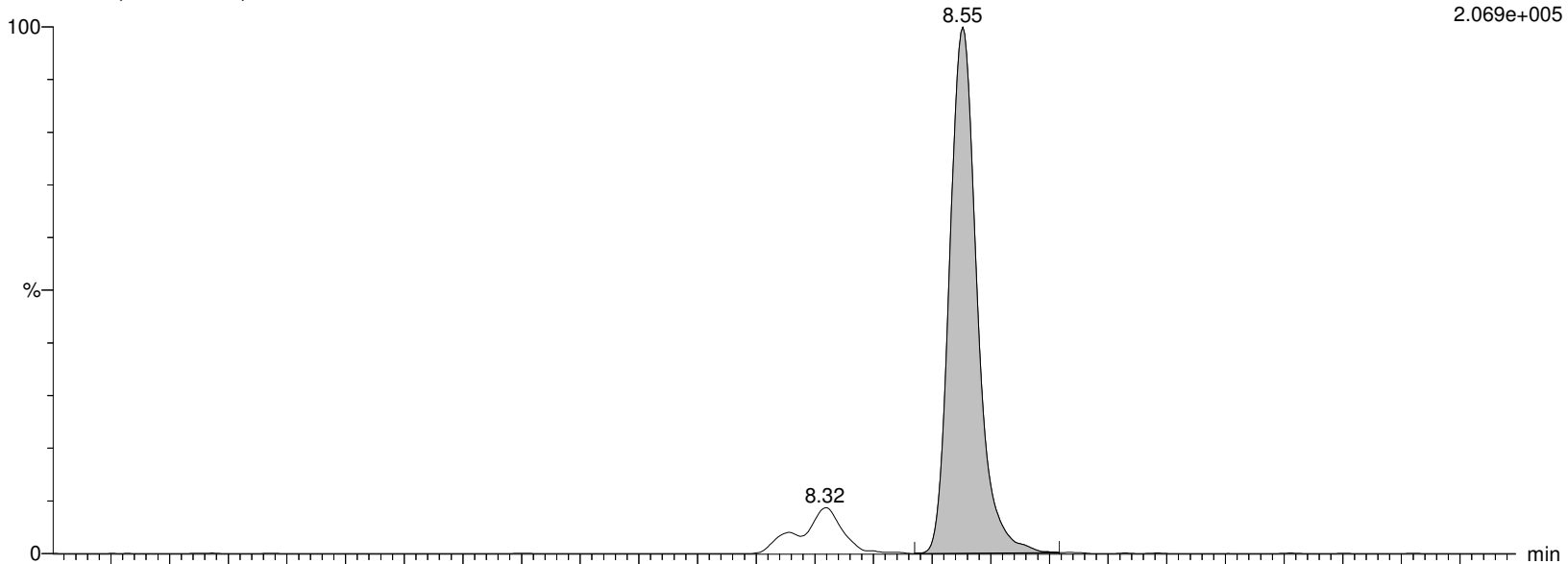
I3789 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F18:MRM of 2 channels,ES-

398.926 > 80.295

2.069e+005



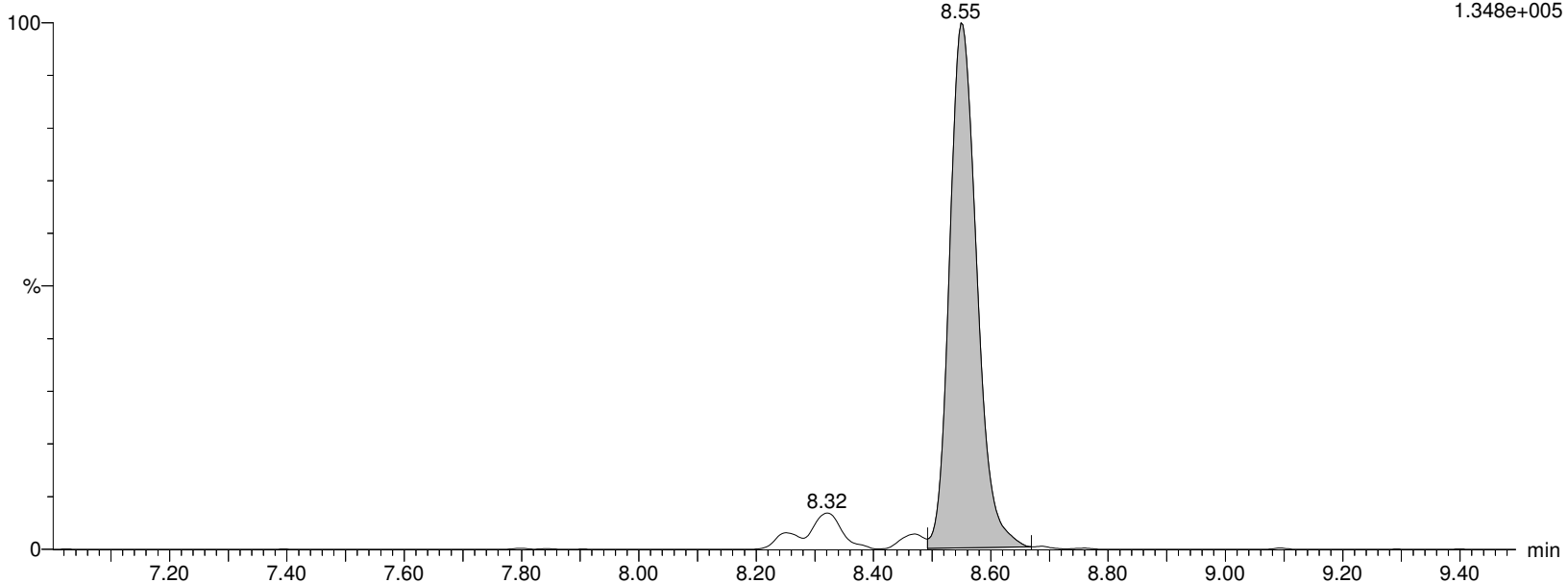
I3789 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F18:MRM of 2 channels,ES-

398.926 > 99.2

1.348e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHxS

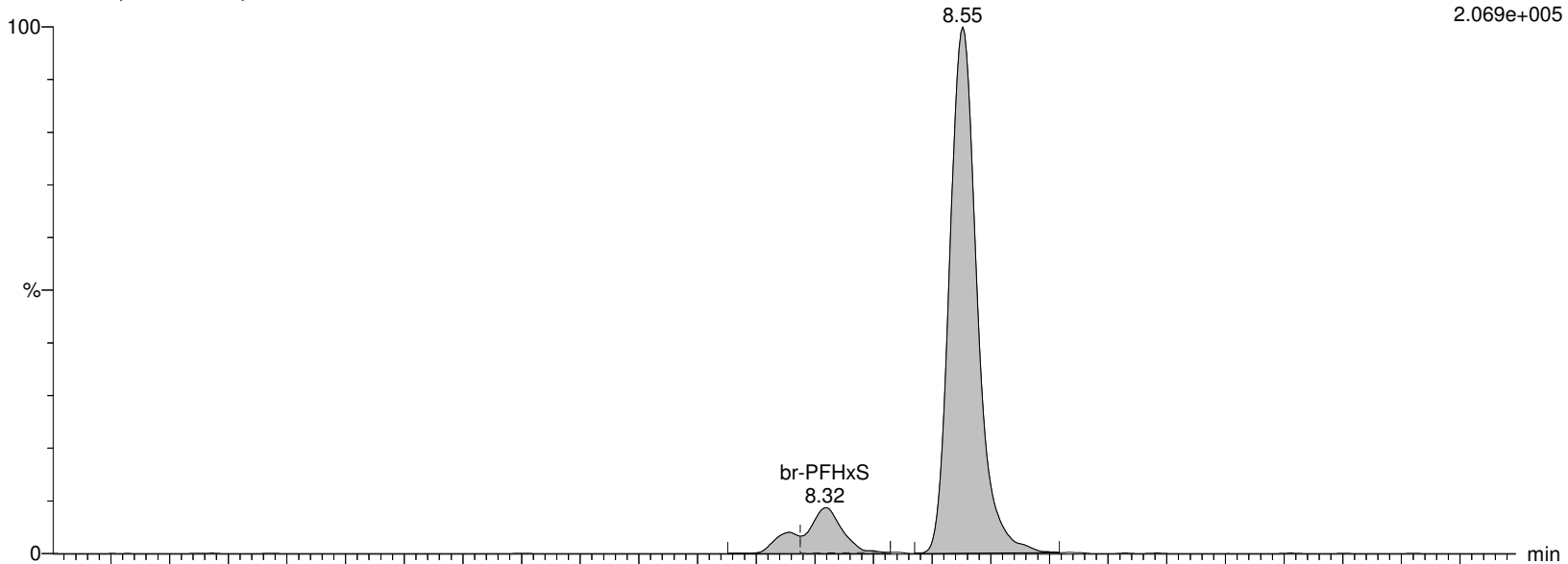
I3789 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F18:MRM of 2 channels,ES-

398.926 > 80.295

2.069e+005



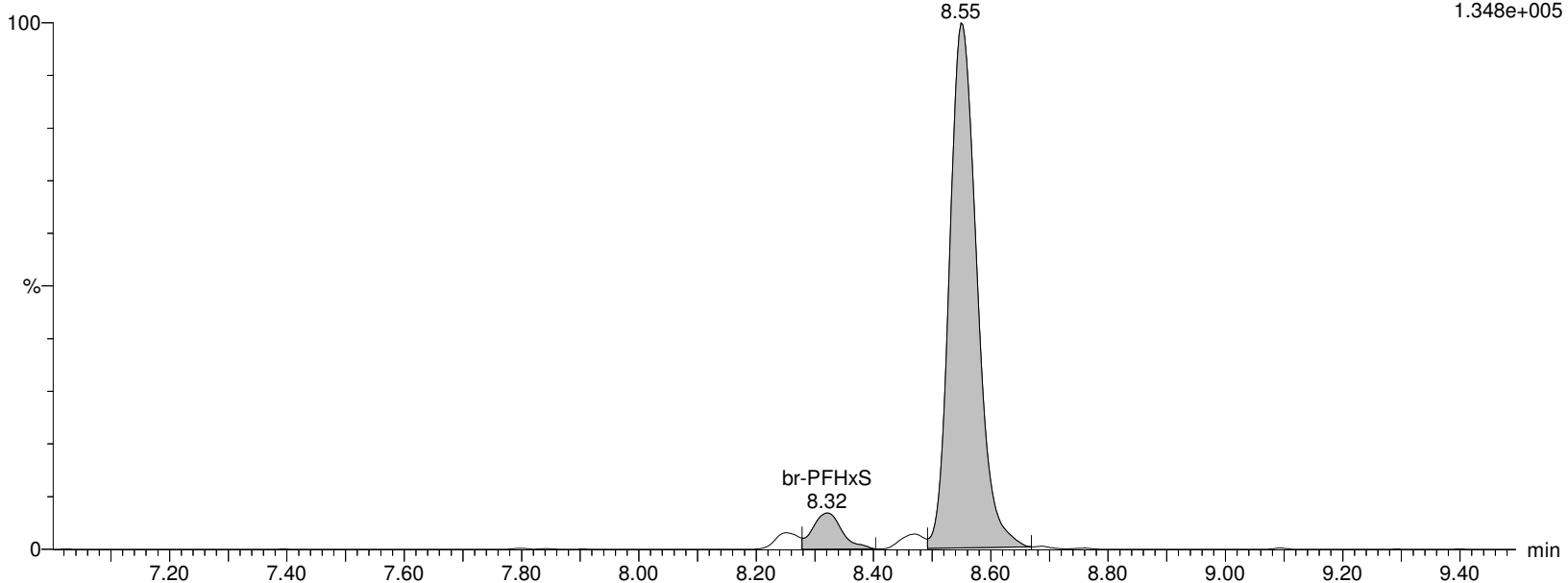
I3789 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F18:MRM of 2 channels,ES-

398.926 > 99.2

1.348e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M3PFHxS

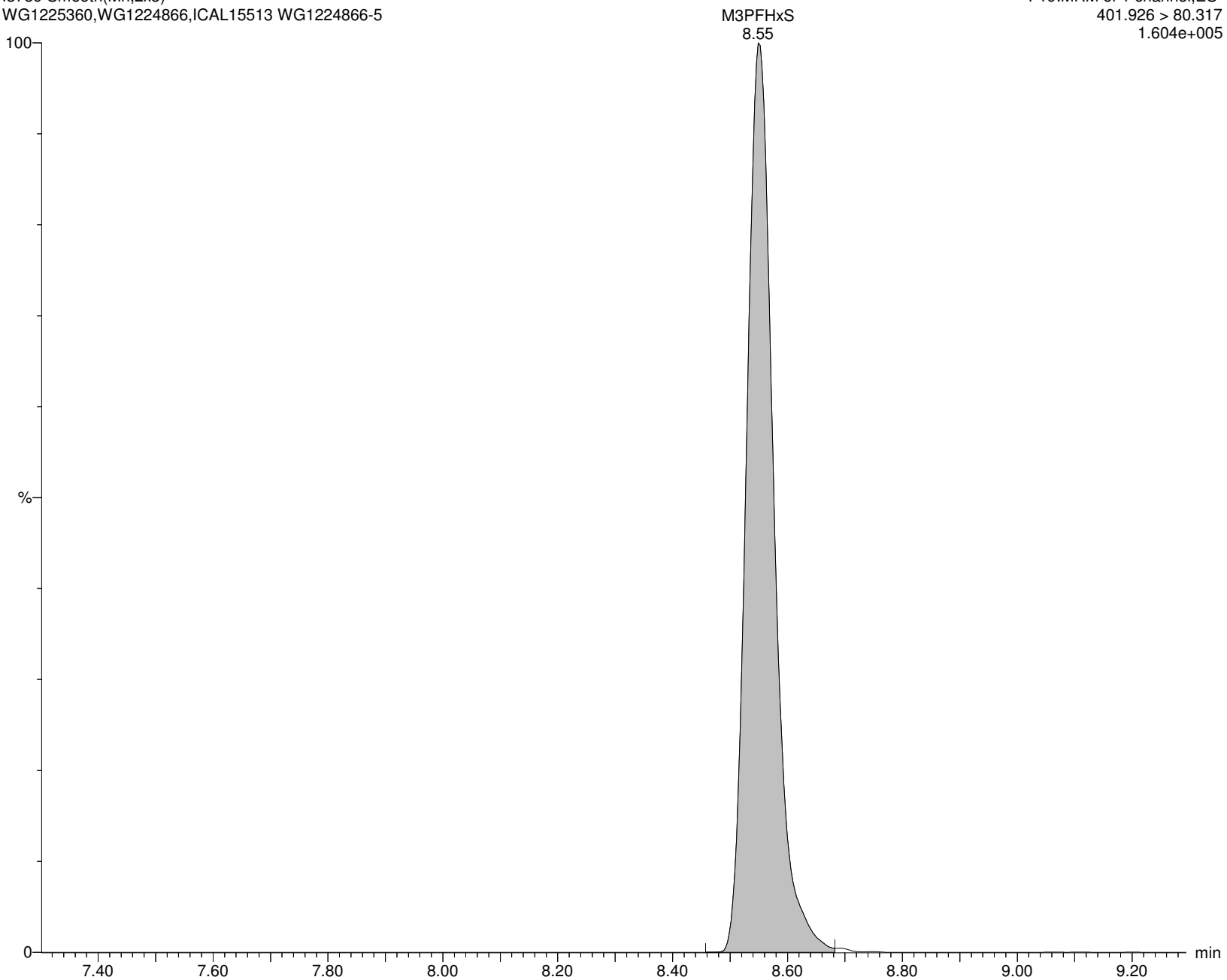
I3789 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F19:MRM of 1 channel,ES-

401.926 > 80.317

1.604e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOA

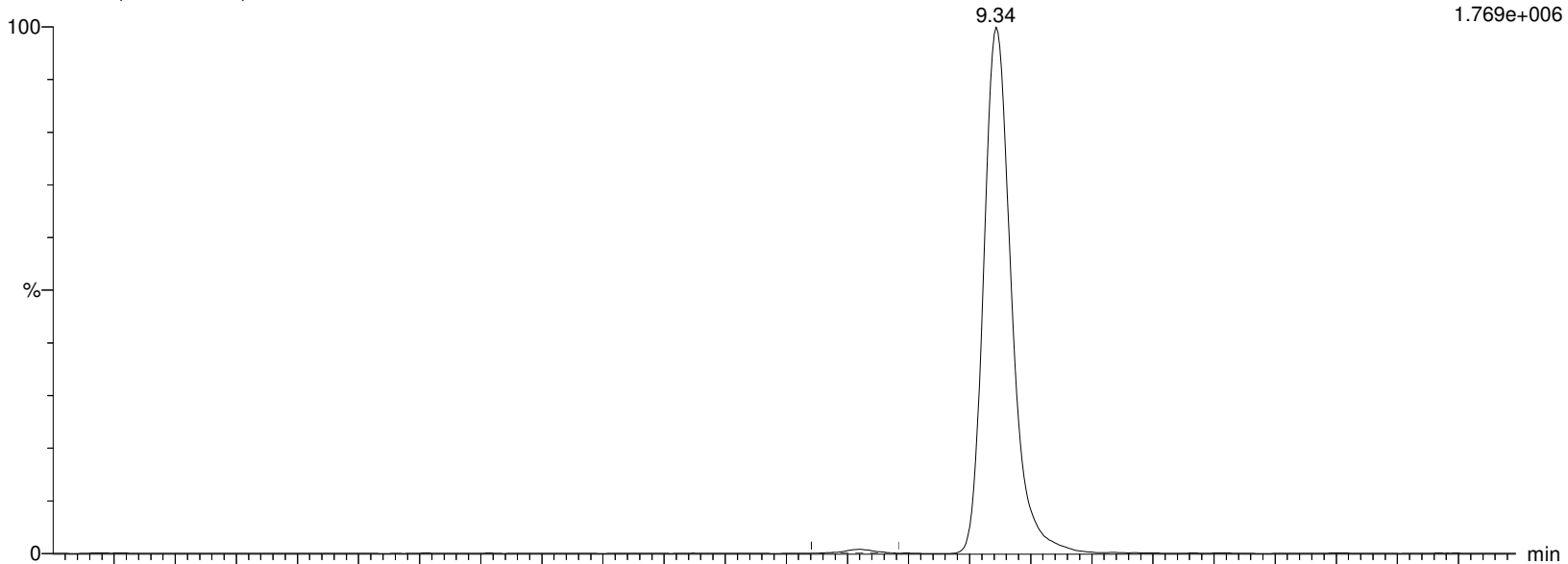
I3789 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-5

F20:MRM of 2 channels, ES-

412.989 > 368.9

1.769e+006



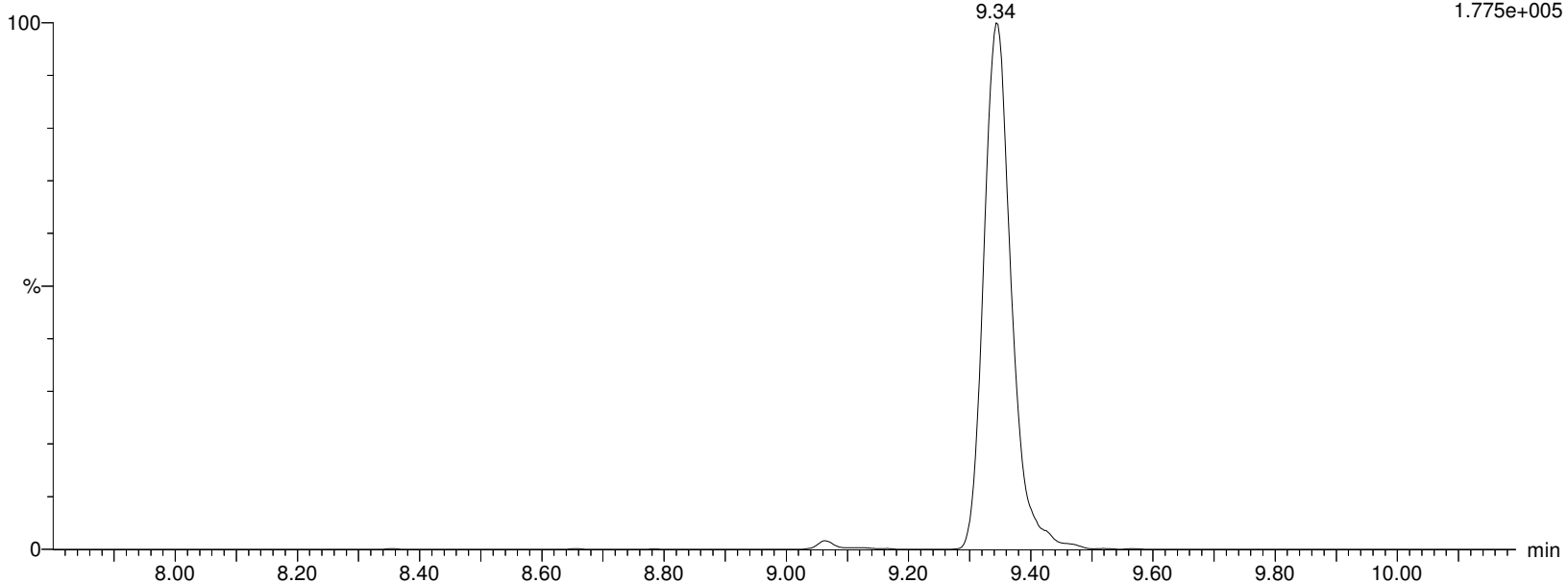
I3789 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-5

F20:MRM of 2 channels, ES-

412.989 > 219.08

1.775e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOA

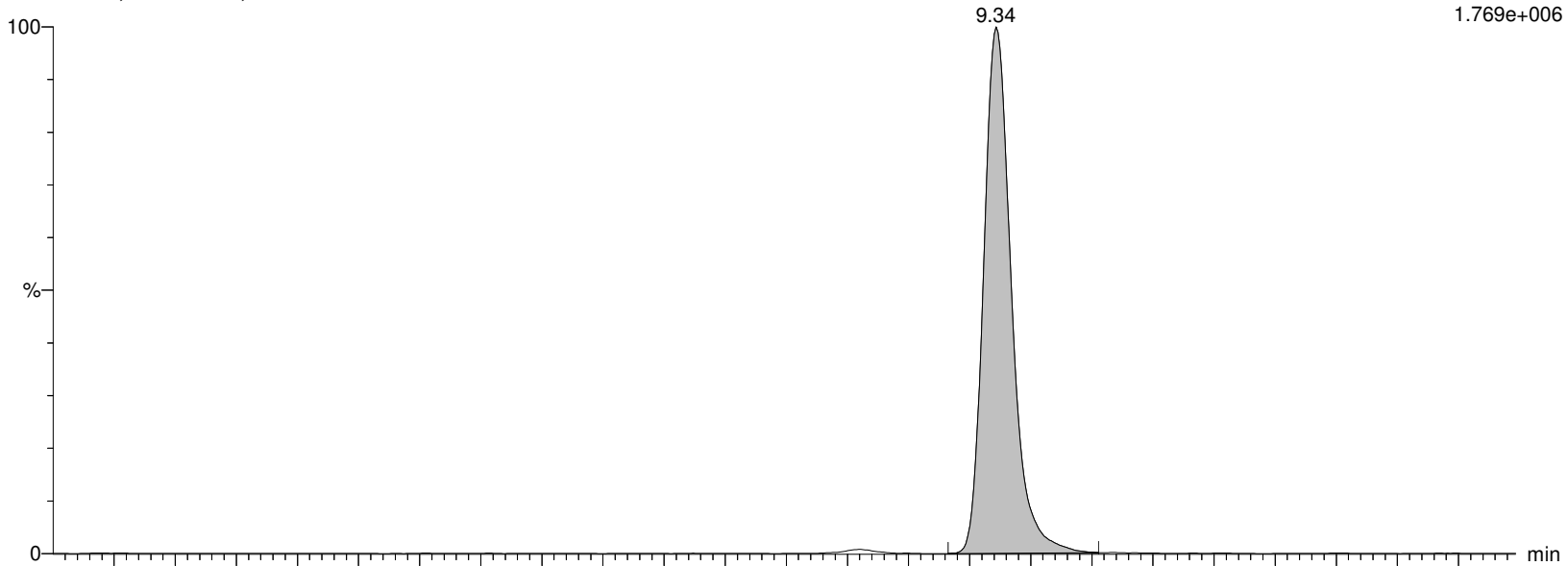
I3789 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F20:MRM of 2 channels,ES-

412.989 > 368.9

1.769e+006



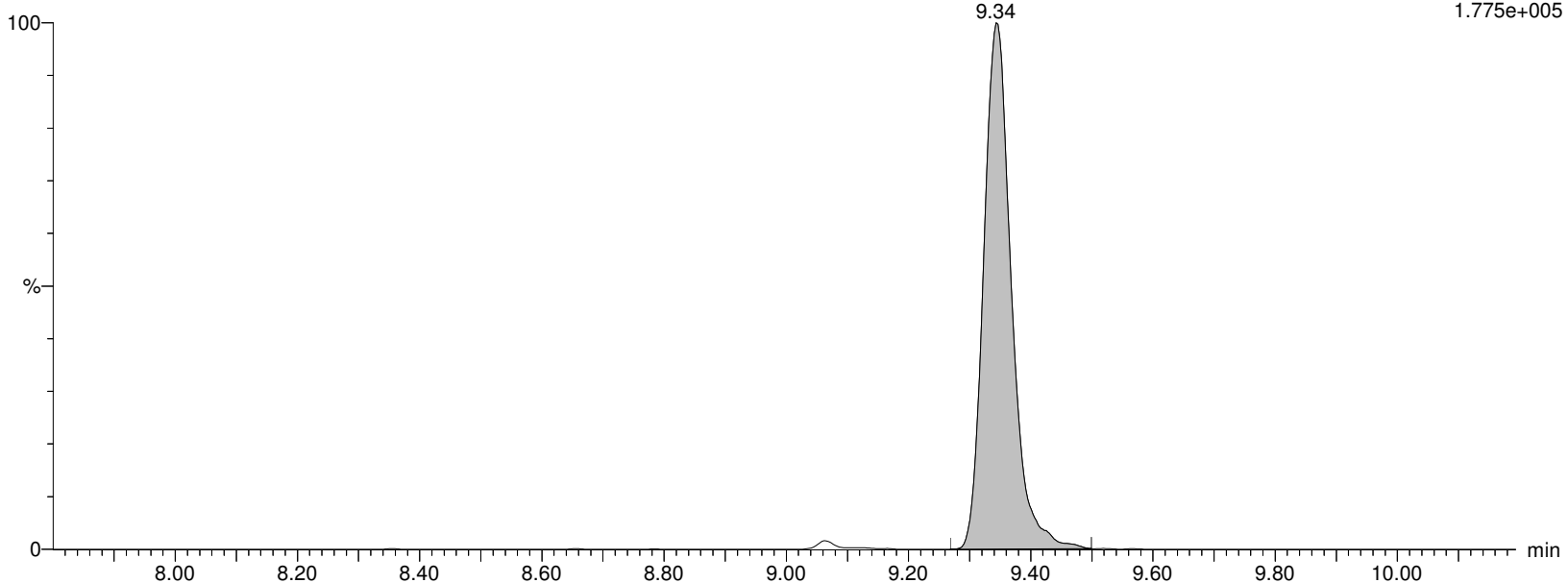
I3789 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F20:MRM of 2 channels,ES-

412.989 > 219.08

1.775e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFOA

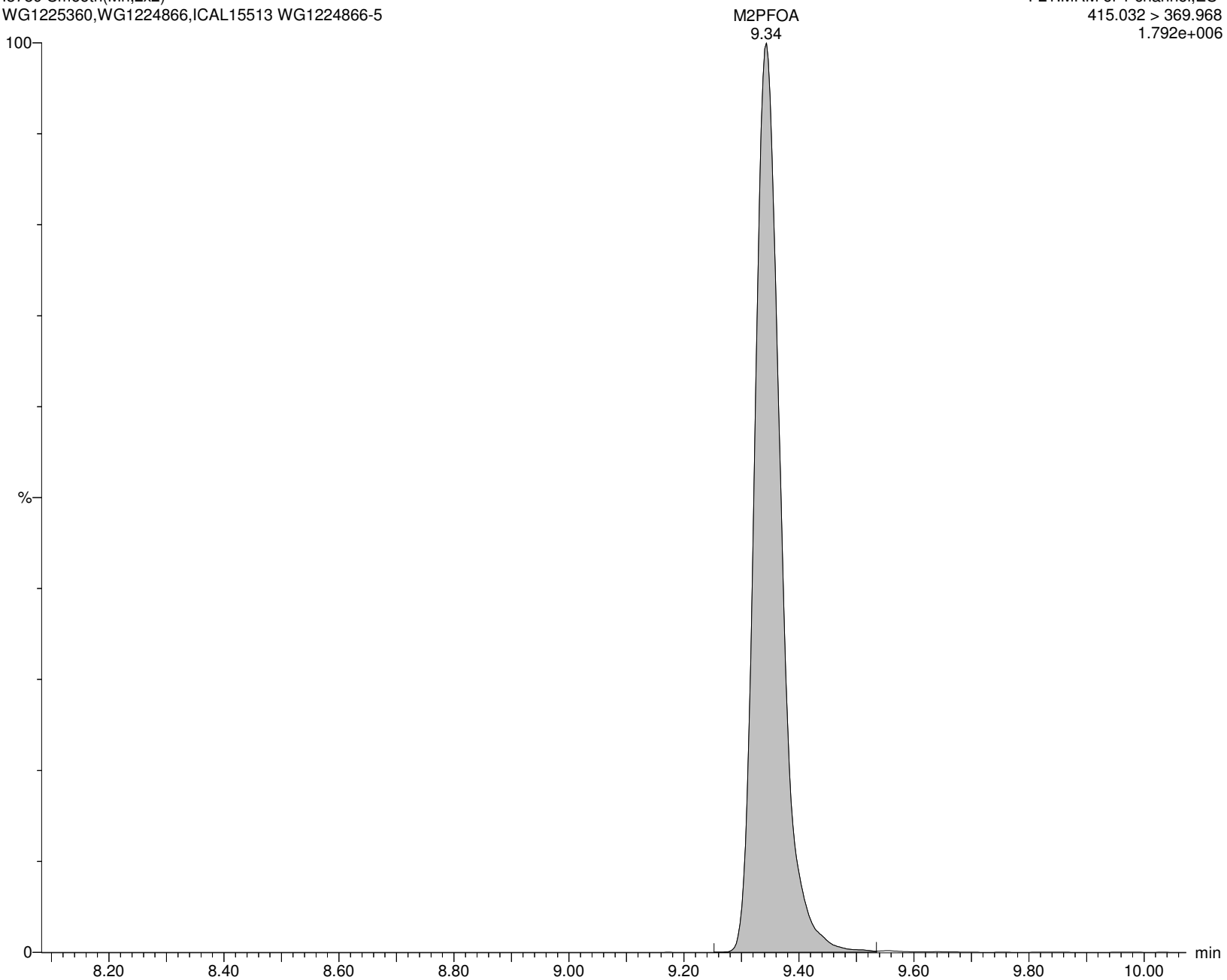
I3789 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-5

F21:MRM of 1 channel, ES-

415.032 > 369.968

1.792e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOA

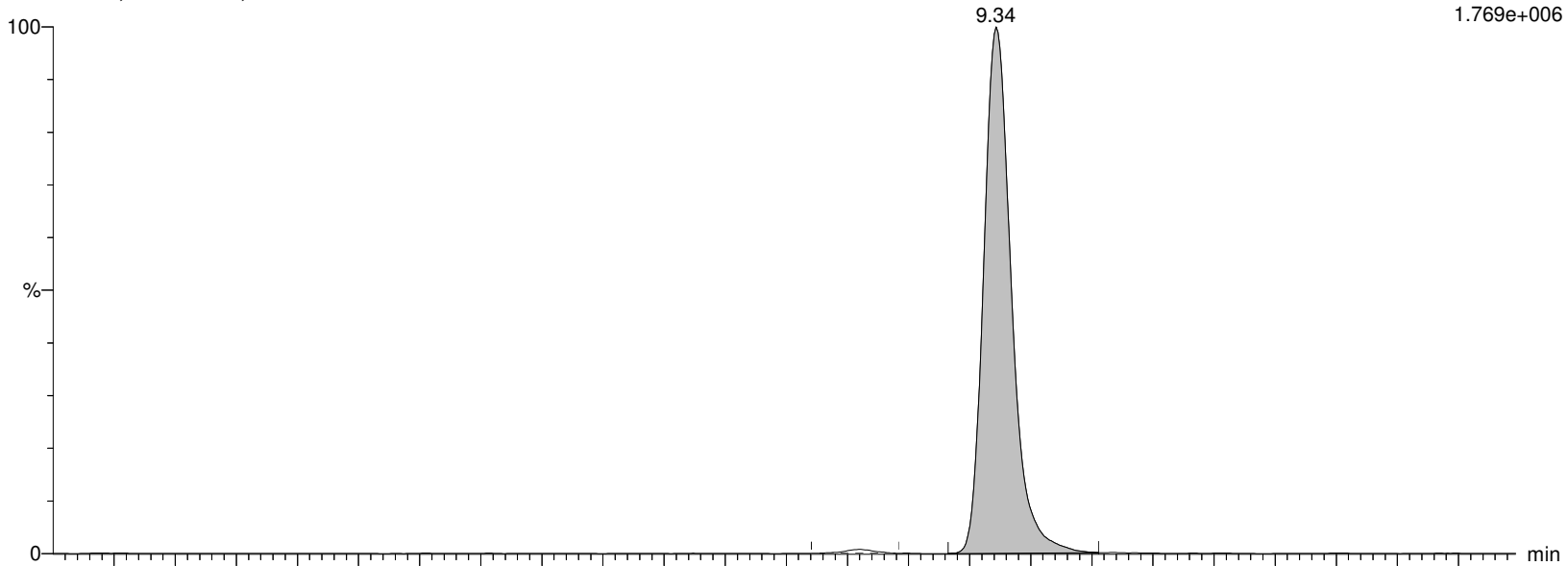
I3789 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-5

F20:MRM of 2 channels, ES-

412.989 > 368.9

1.769e+006



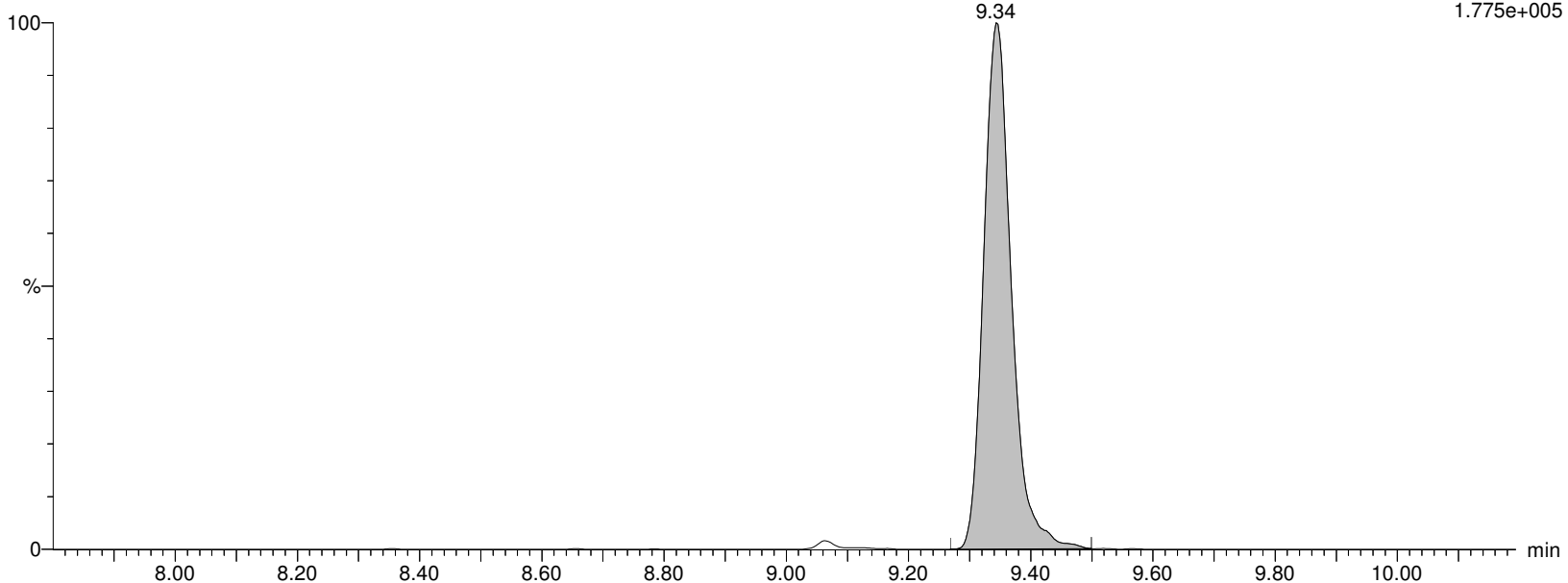
I3789 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-5

F20:MRM of 2 channels, ES-

412.989 > 219.08

1.775e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOA

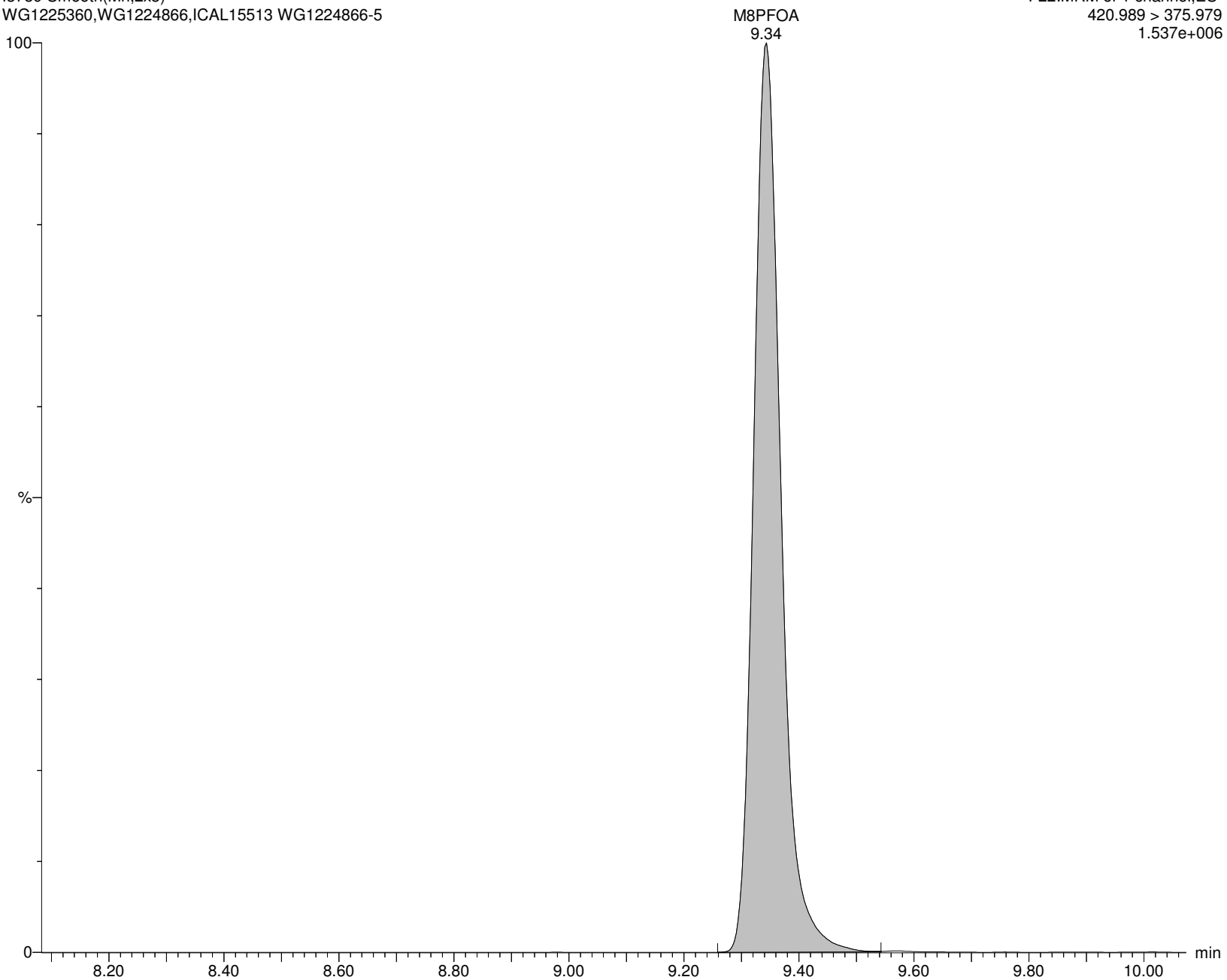
I3789 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F22:MRM of 1 channel,ES-

420.989 > 375.979

1.537e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

6:2FTS

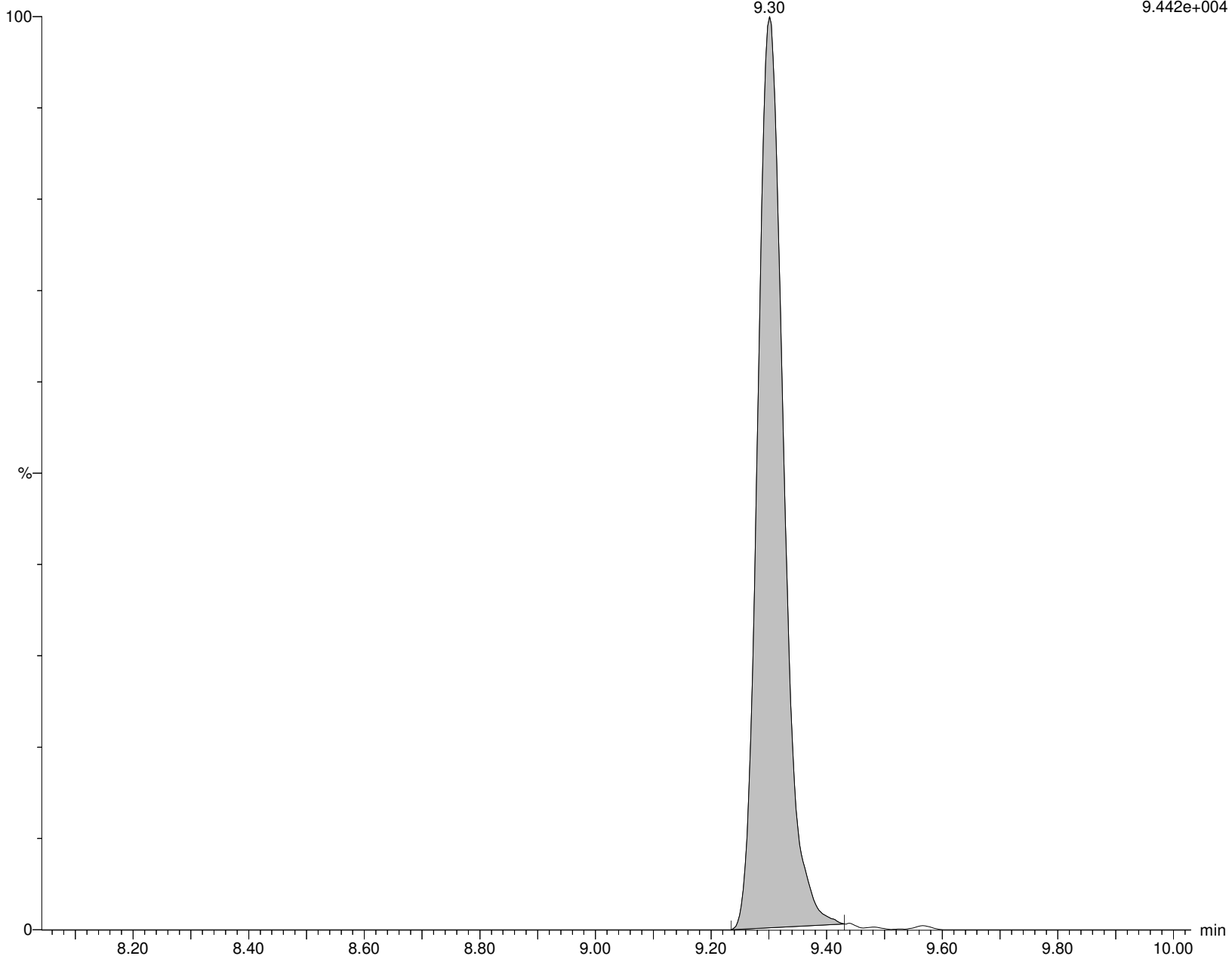
I3789 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F23:MRM of 2 channels,ES-

426.989 > 406.921

9.442e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-6:2FTS

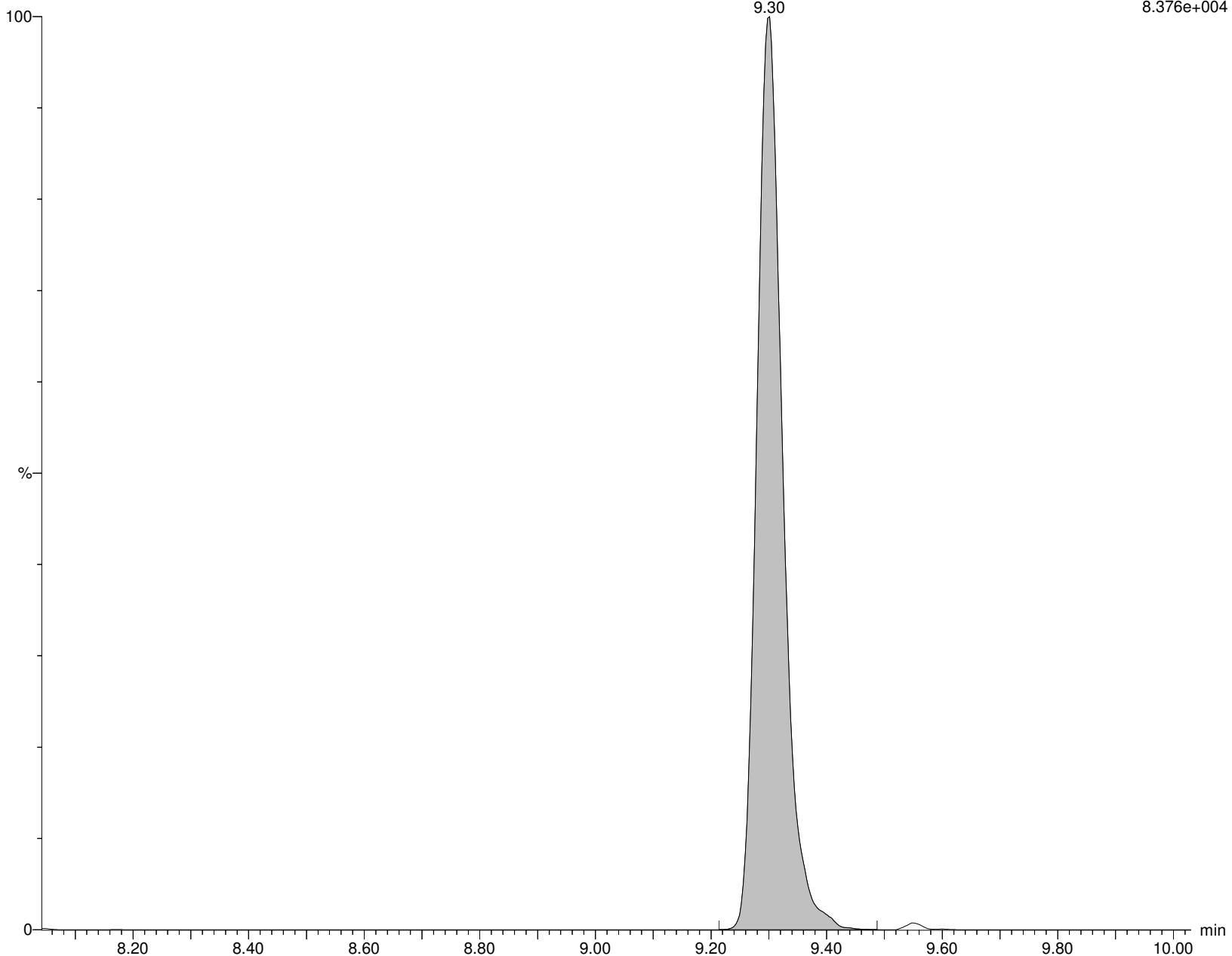
I3789 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F24:MRM of 1 channel,ES-

428.989 > 408.917

8.376e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFHpS

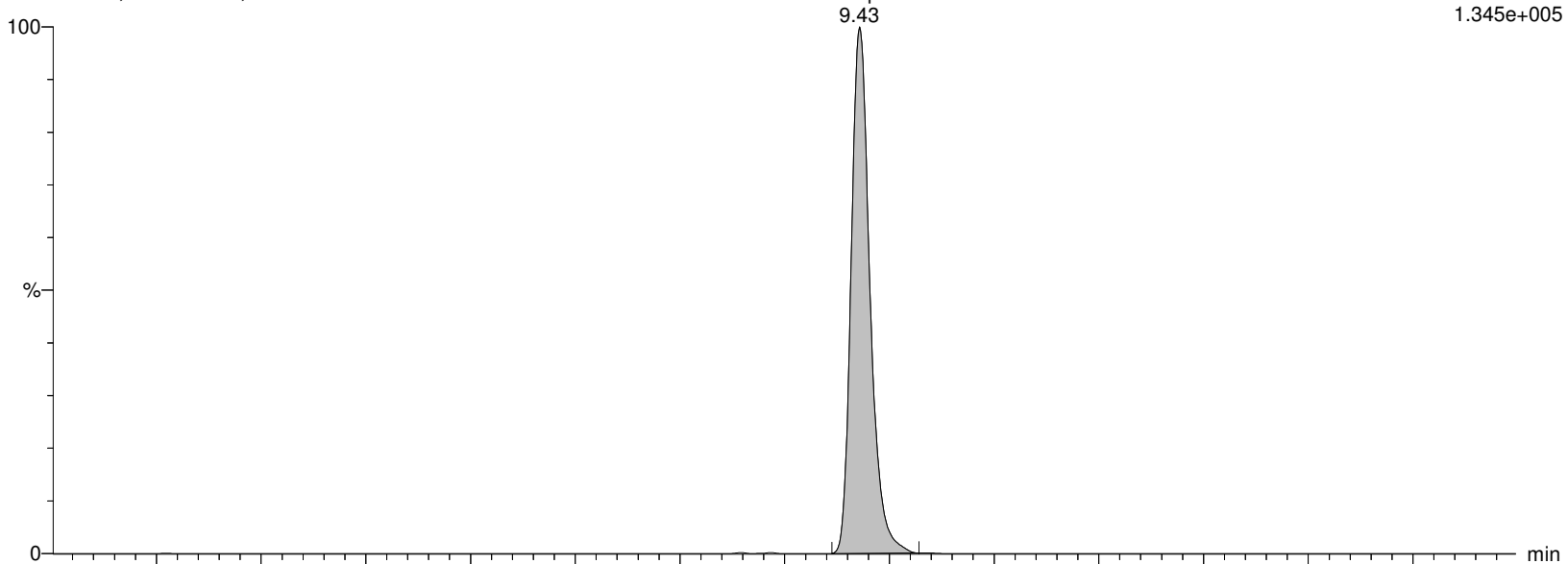
I3789 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F25:MRM of 2 channels,ES-

448.926 > 80.257

1.345e+005



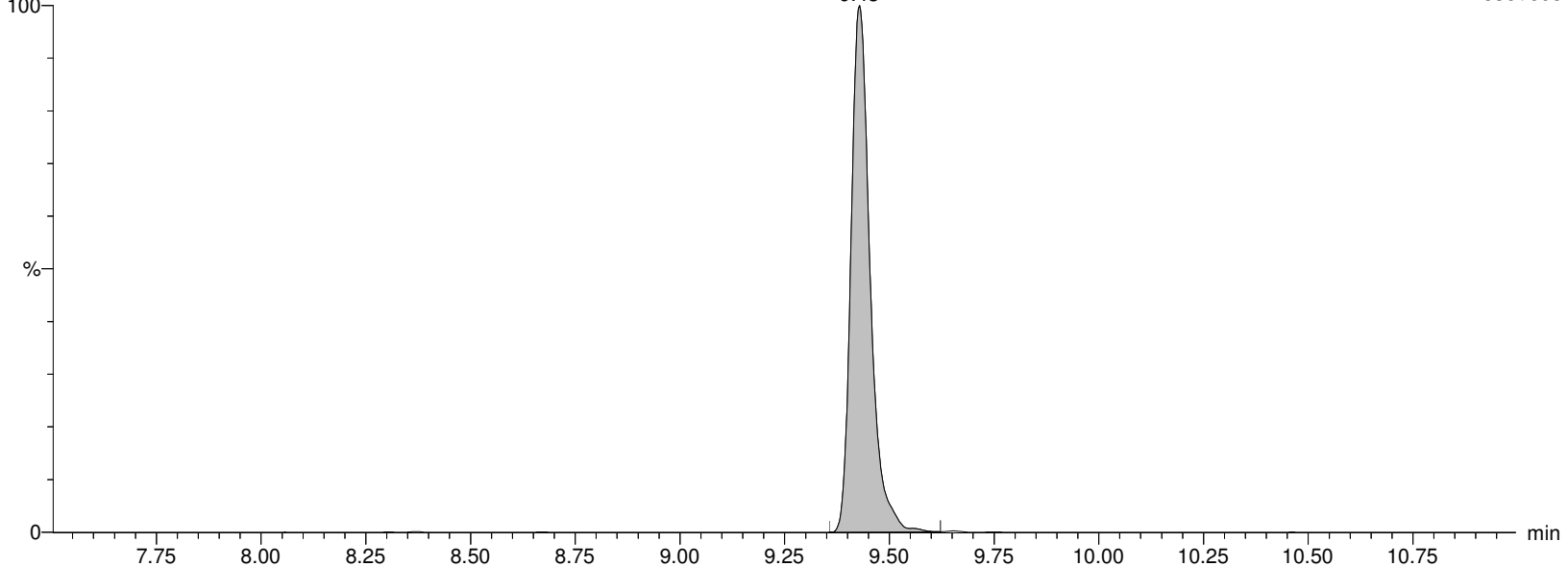
I3789 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F25:MRM of 2 channels,ES-

448.926 > 99.22

1.453e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNA

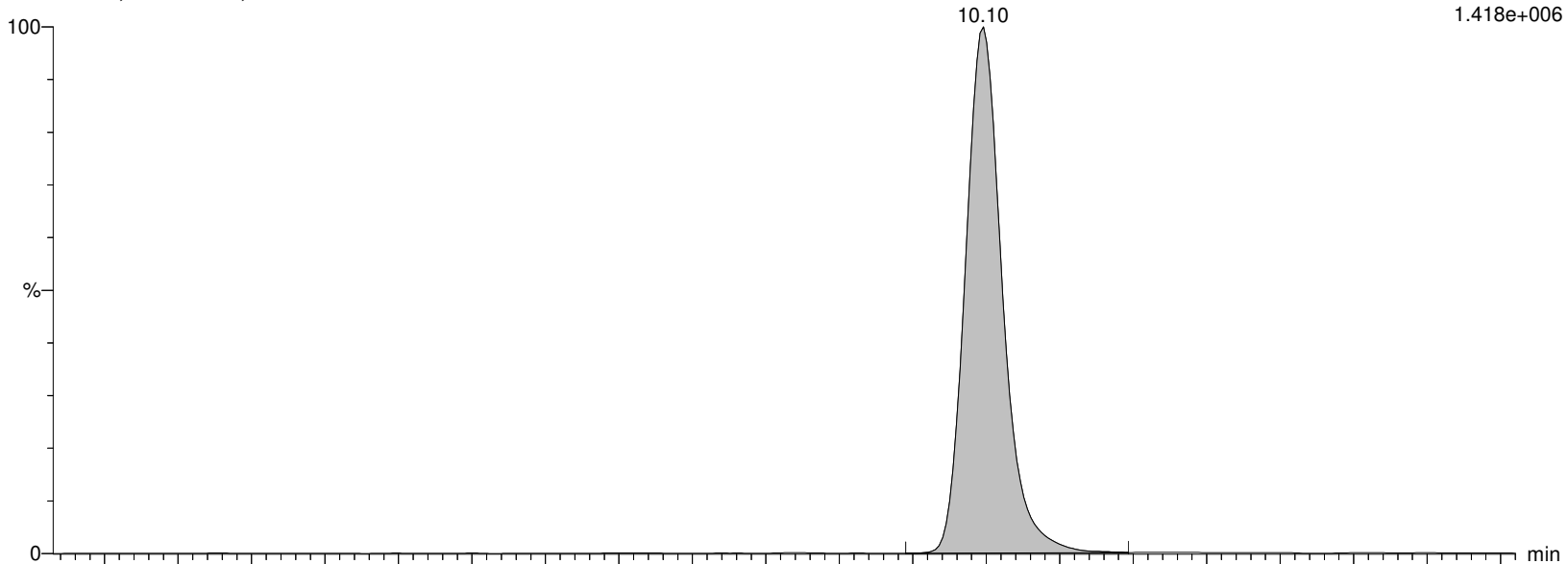
I3789 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F26:MRM of 2 channels,ES-

462.989 > 418.931

1.418e+006



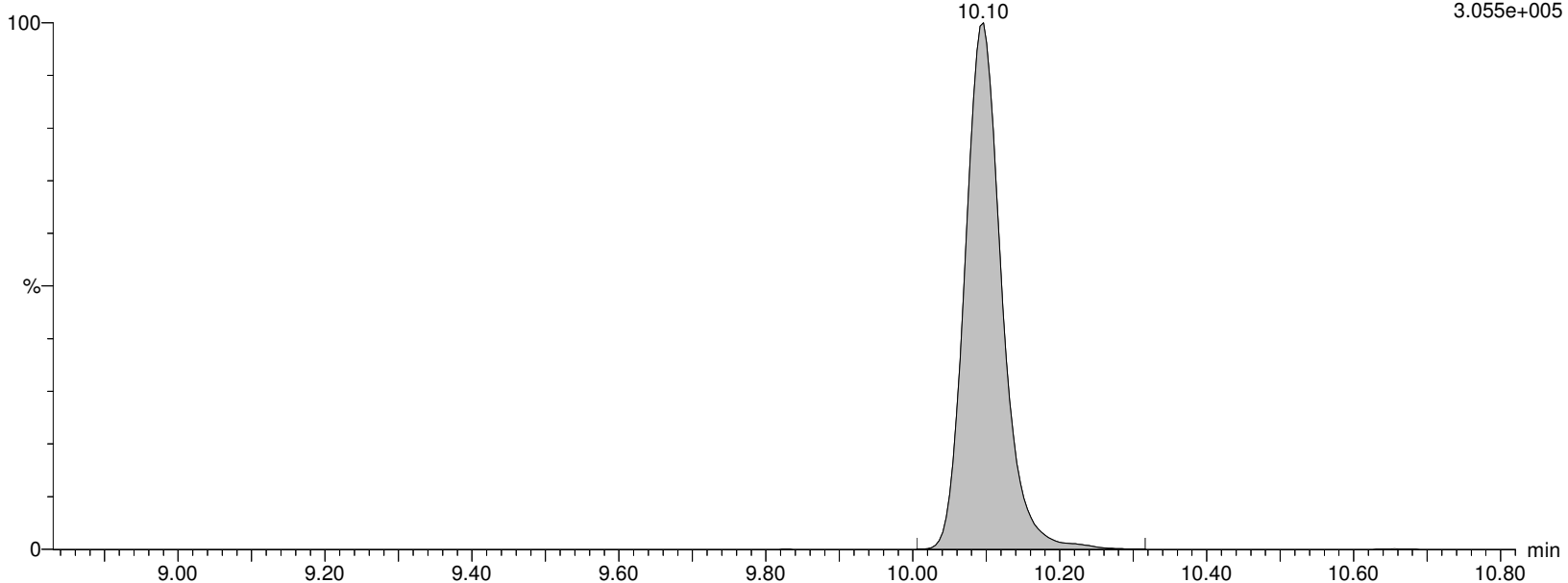
I3789 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F26:MRM of 2 channels,ES-

462.989 > 219.04

3.055e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M9PFNA

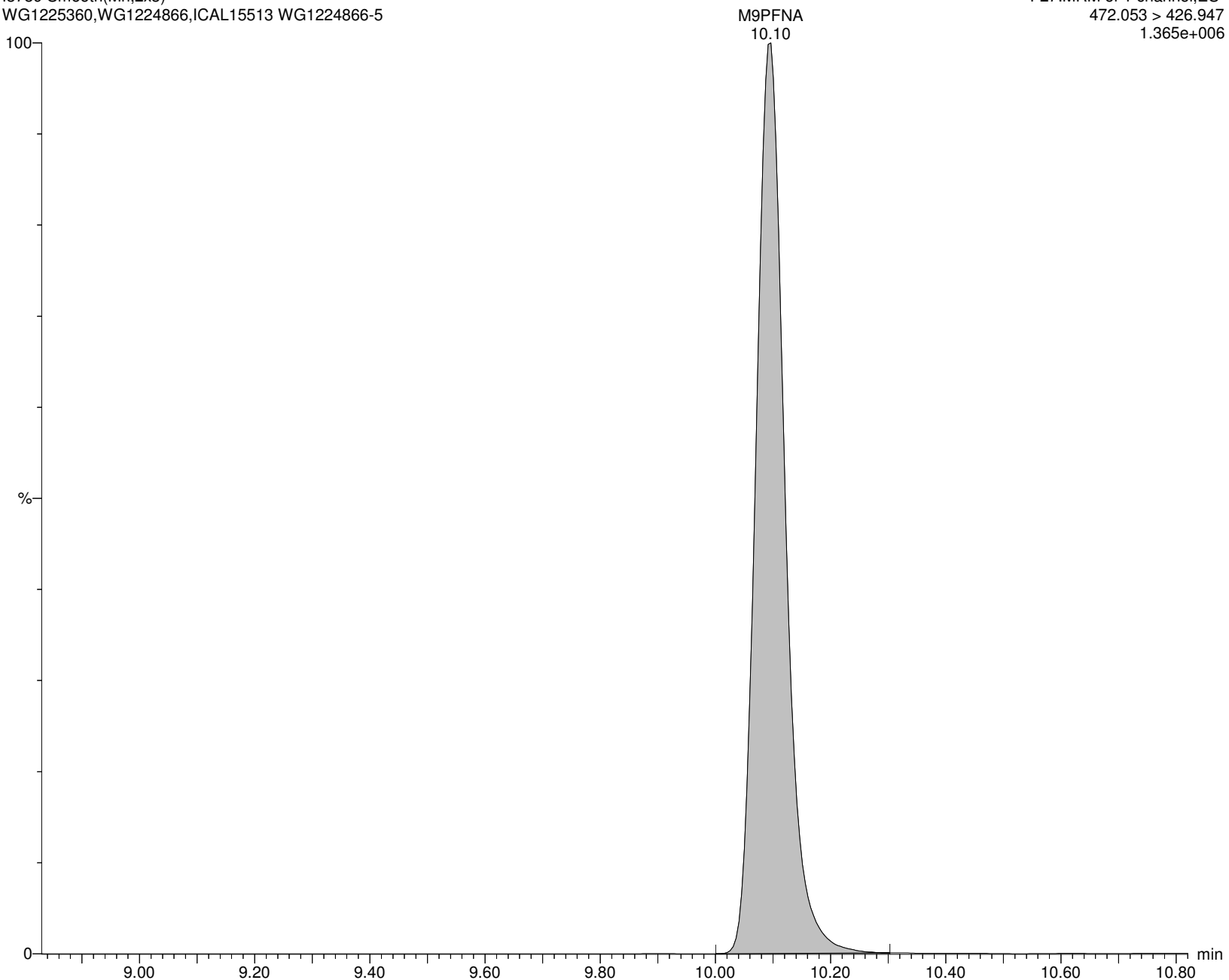
I3789 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F27:MRM of 1 channel,ES-

472.053 > 426.947

1.365e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

br-PFOS

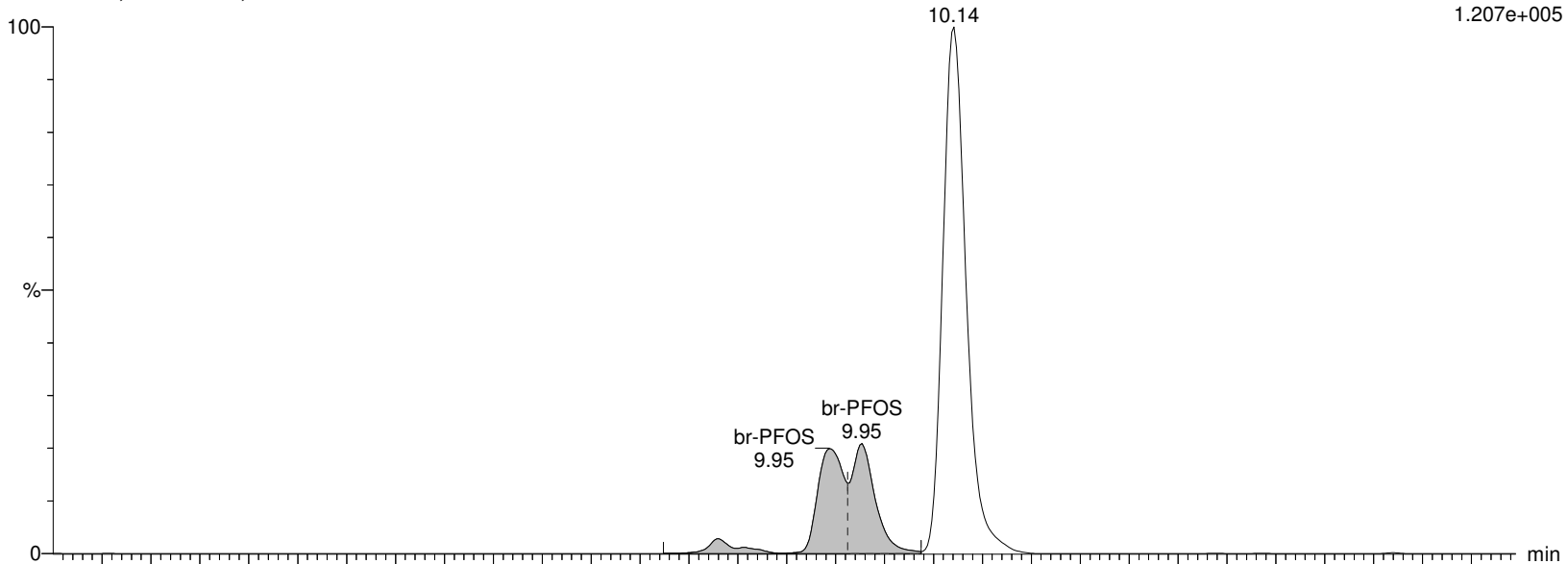
I3789 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F29:MRM of 2 channels,ES-

498.989 > 80.294

1.207e+005



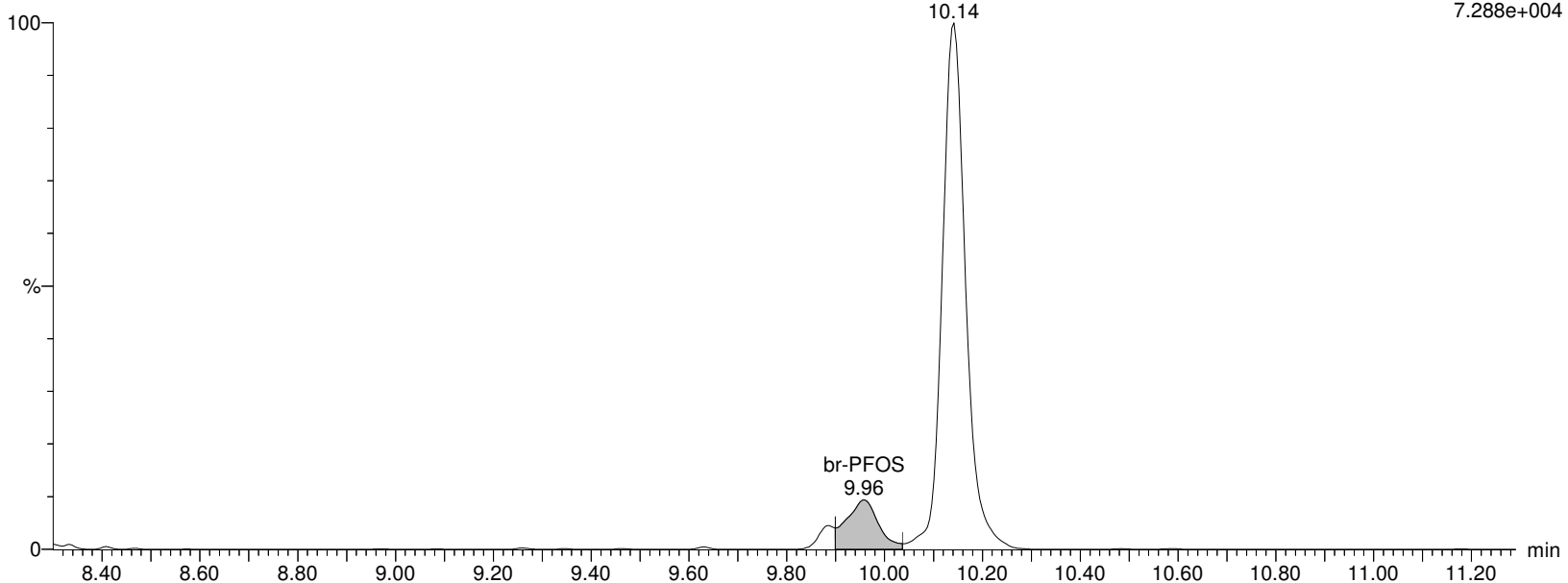
I3789 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F29:MRM of 2 channels,ES-

498.989 > 99.27

7.288e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

L-PFOS

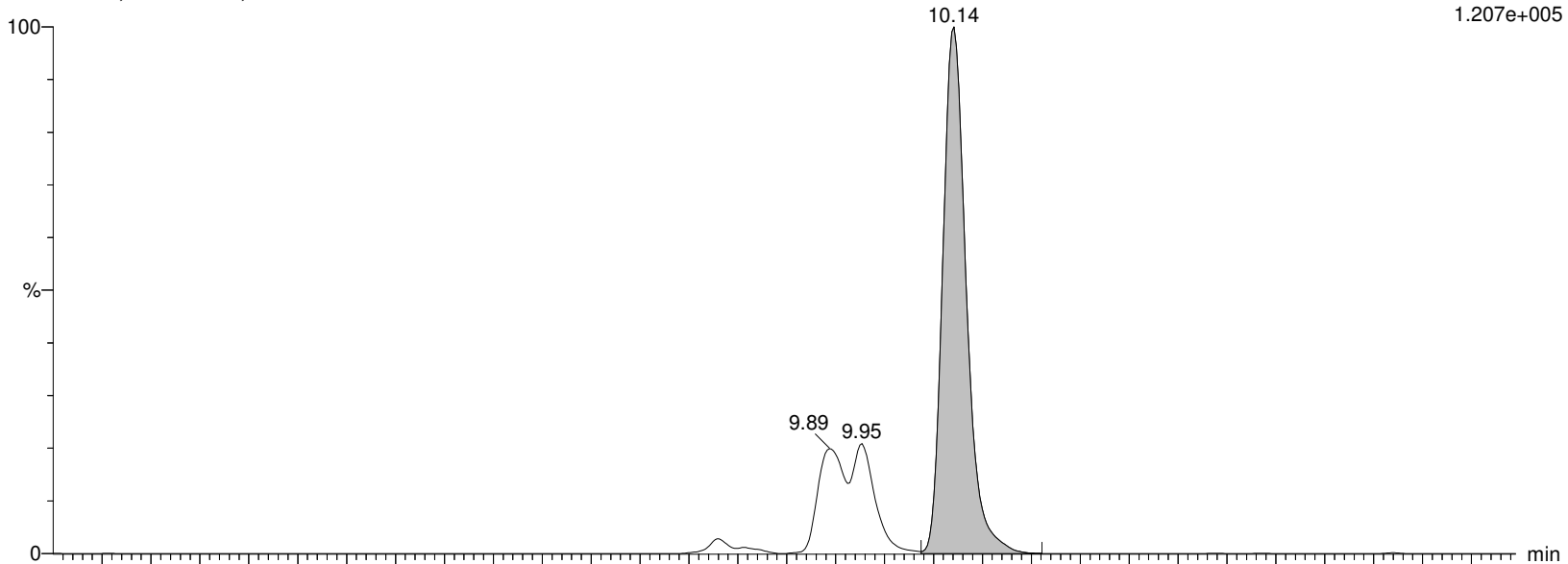
I3789 Smooth(Mn,3x2)

WG1225360, WG1224866, ICAL15513 WG1224866-5

F29:MRM of 2 channels, ES-

498.989 > 80.294

1.207e+005



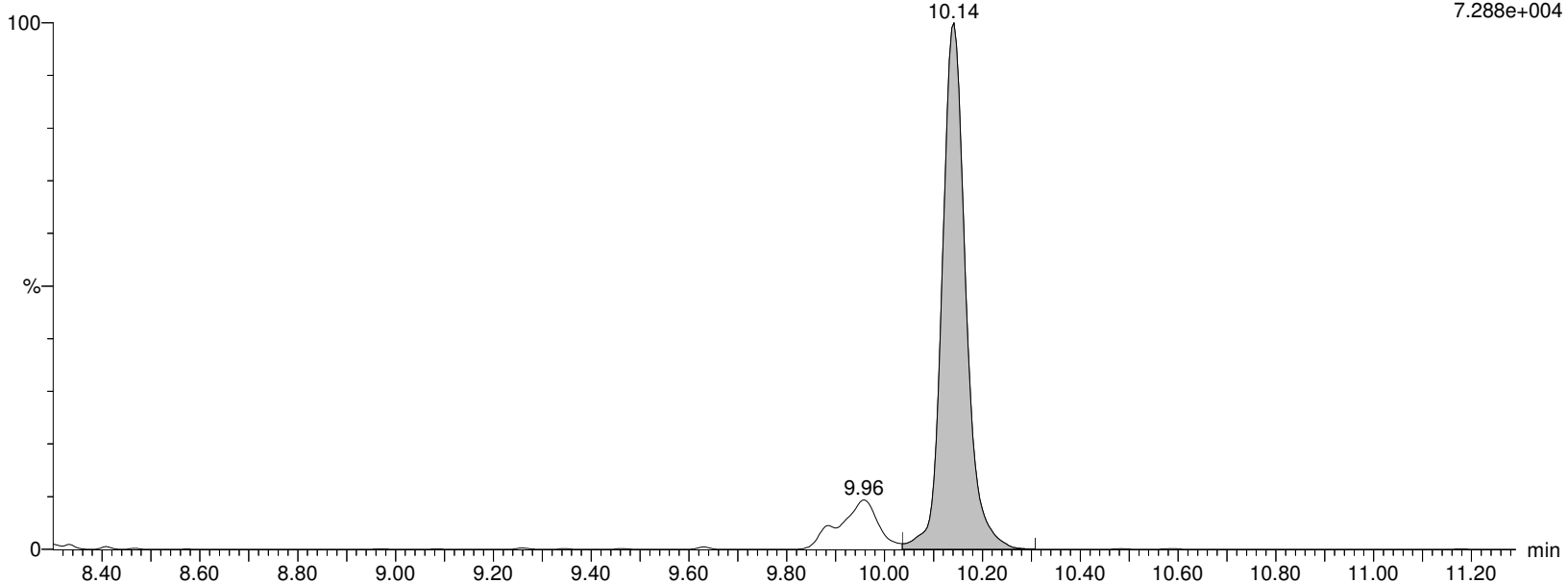
I3789 Smooth(Mn,3x2)

WG1225360, WG1224866, ICAL15513 WG1224866-5

F29:MRM of 2 channels, ES-

498.989 > 99.27

7.288e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFOS

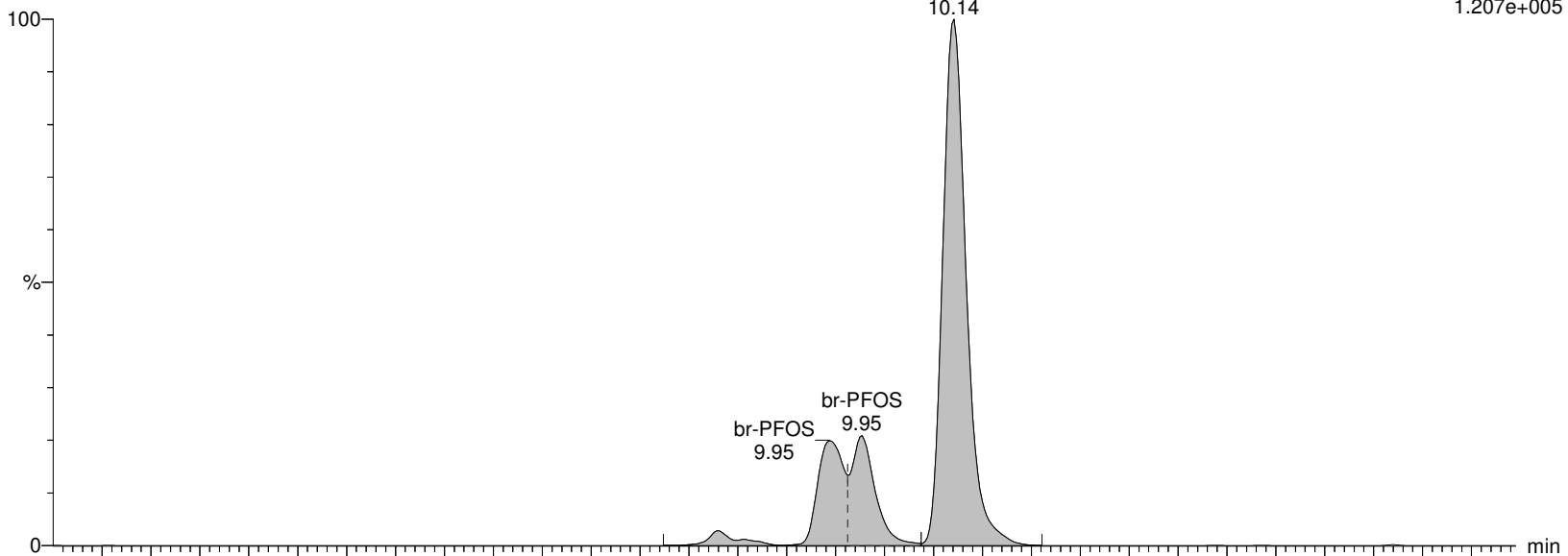
I3789 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F29:MRM of 2 channels,ES-

498.989 > 80.294

1.207e+005



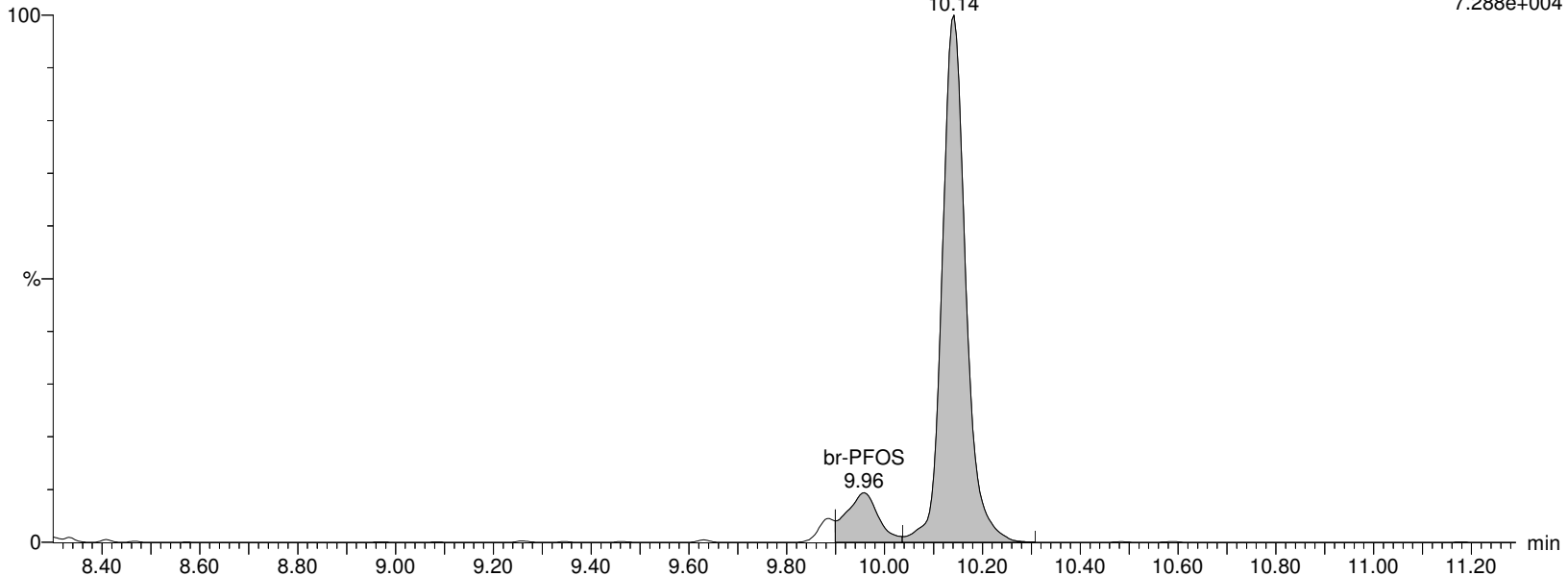
I3789 Smooth(Mn,3x2)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F29:MRM of 2 channels,ES-

498.989 > 99.27

7.288e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M4PFOS

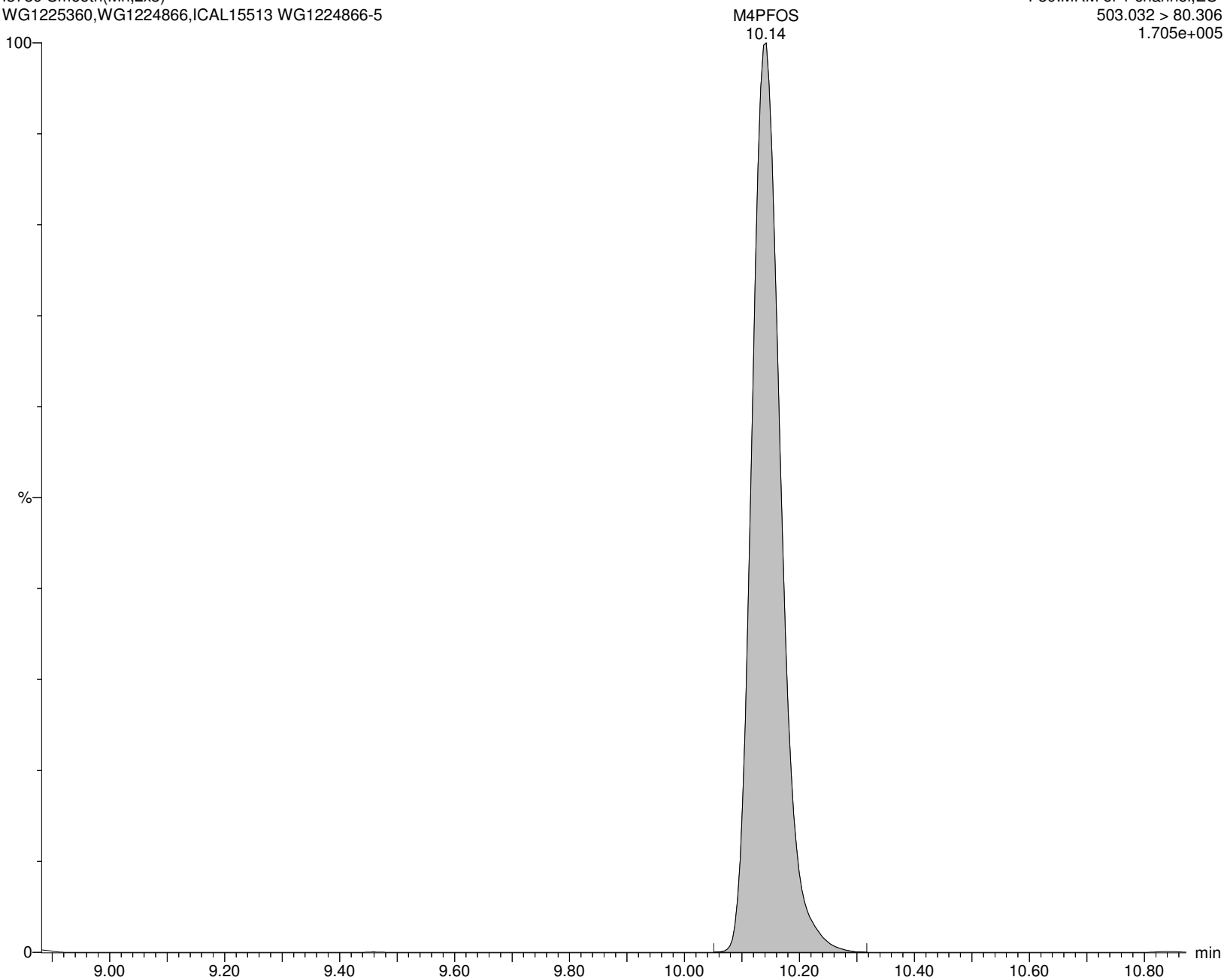
I3789 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F30:MRM of 1 channel,ES-

503.032 > 80.306

1.705e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8PFOS

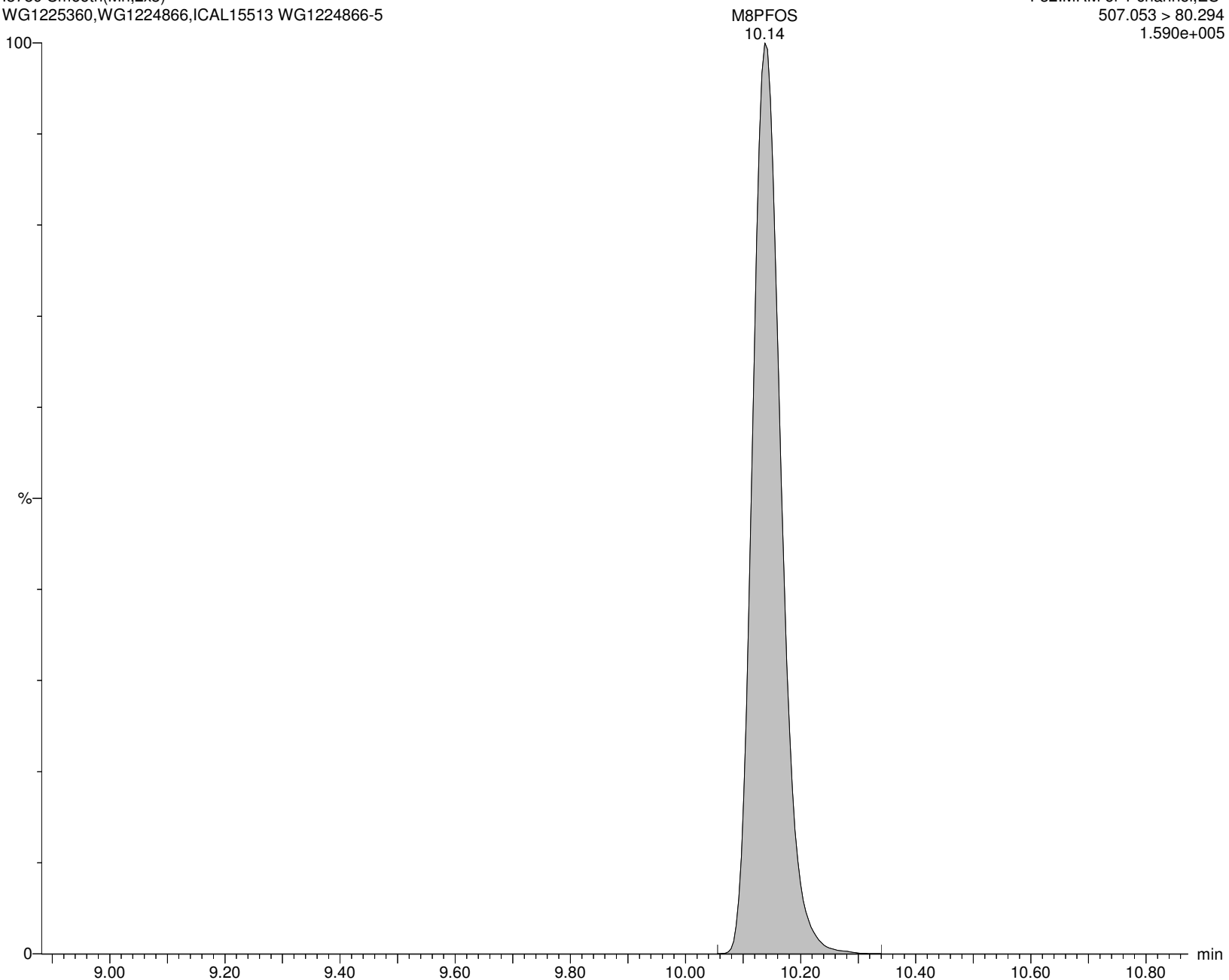
I3789 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F32:MRM of 1 channel,ES-

507.053 > 80.294

1.590e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDA

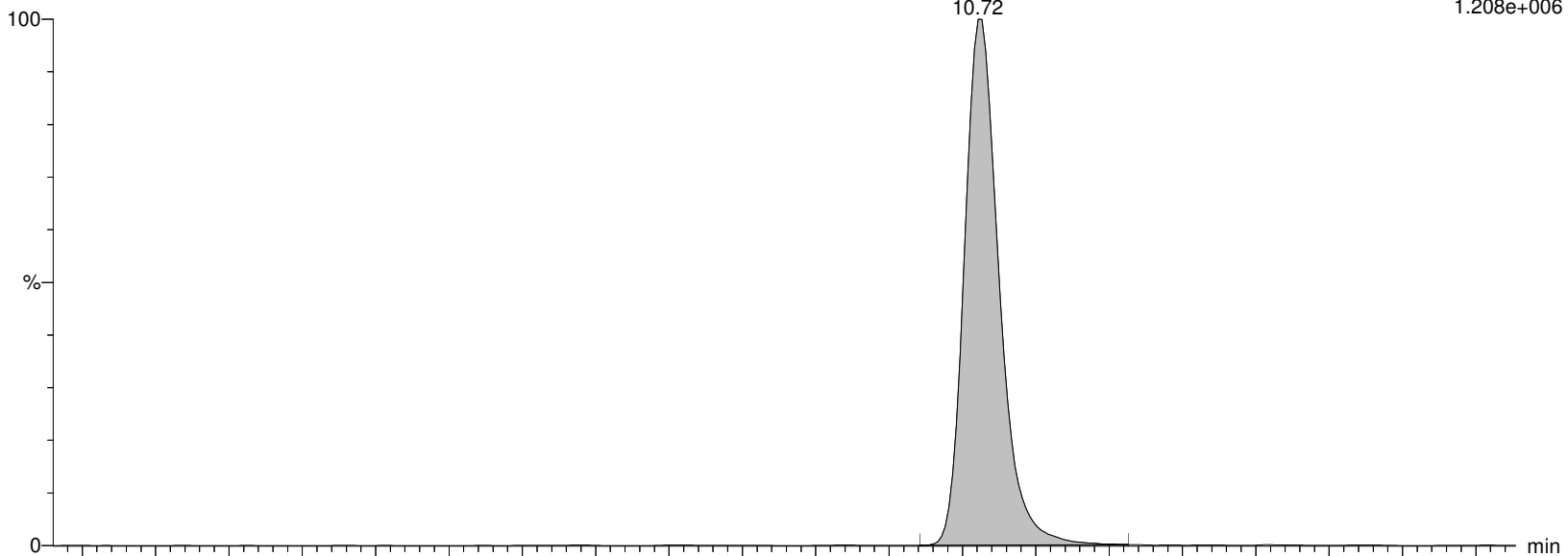
I3789 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F33:MRM of 2 channels,ES-

513.053 > 468.906

1.208e+006



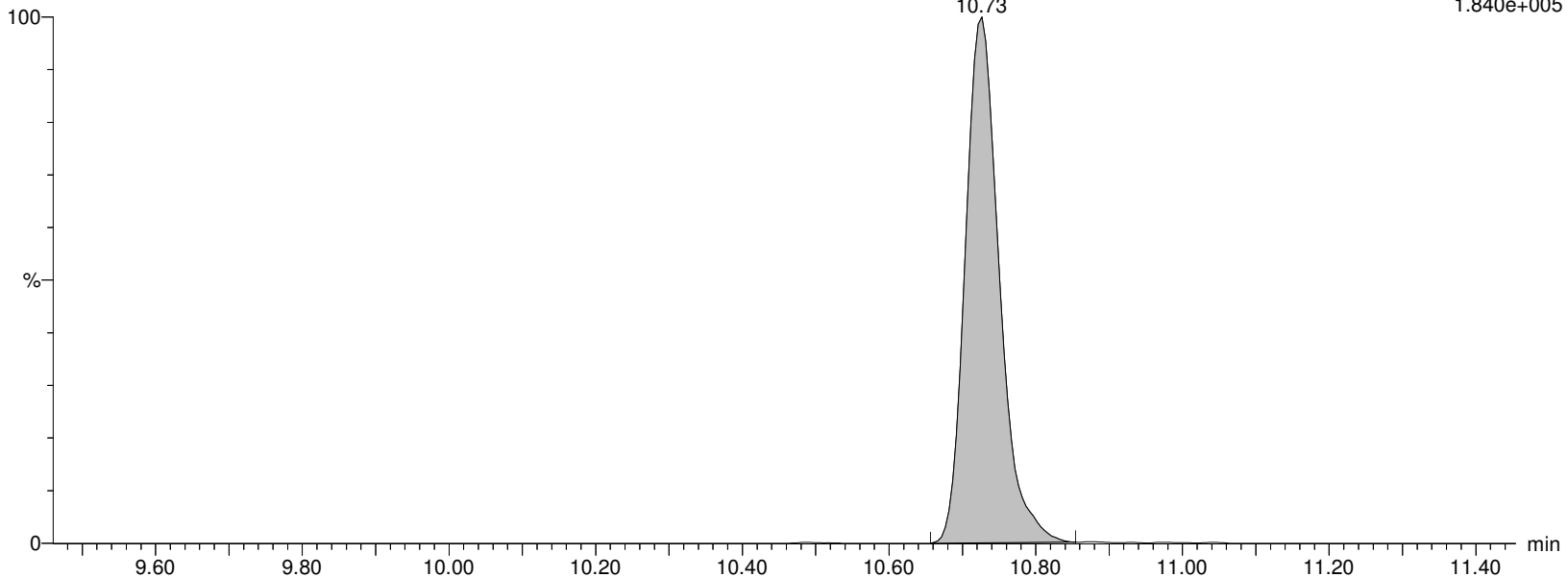
I3789 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F33:MRM of 2 channels,ES-

513.053 > 219.08

1.840e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFDA

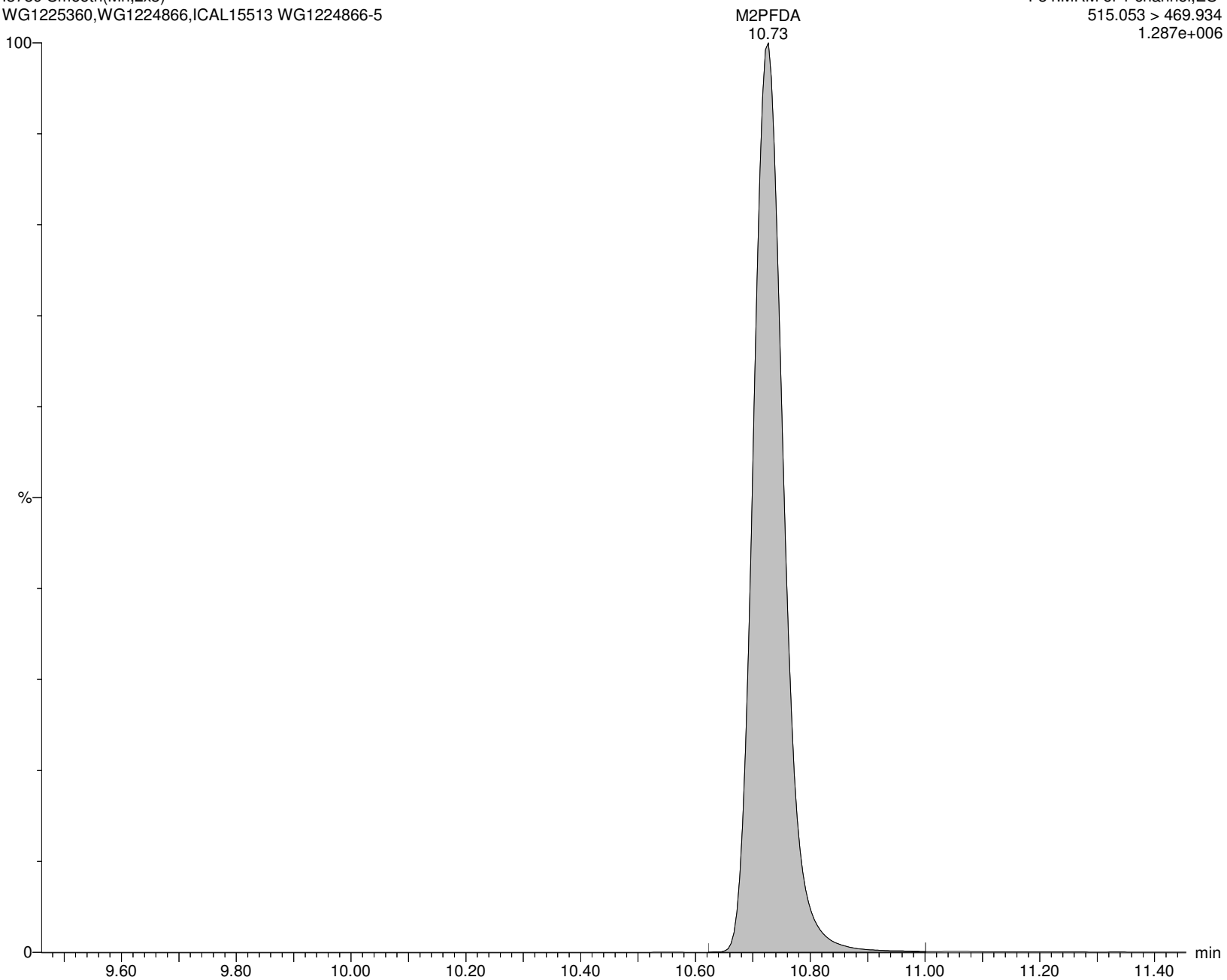
I3789 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F34:MRM of 1 channel,ES-

515.053 > 469.934

1.287e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M6PFDA

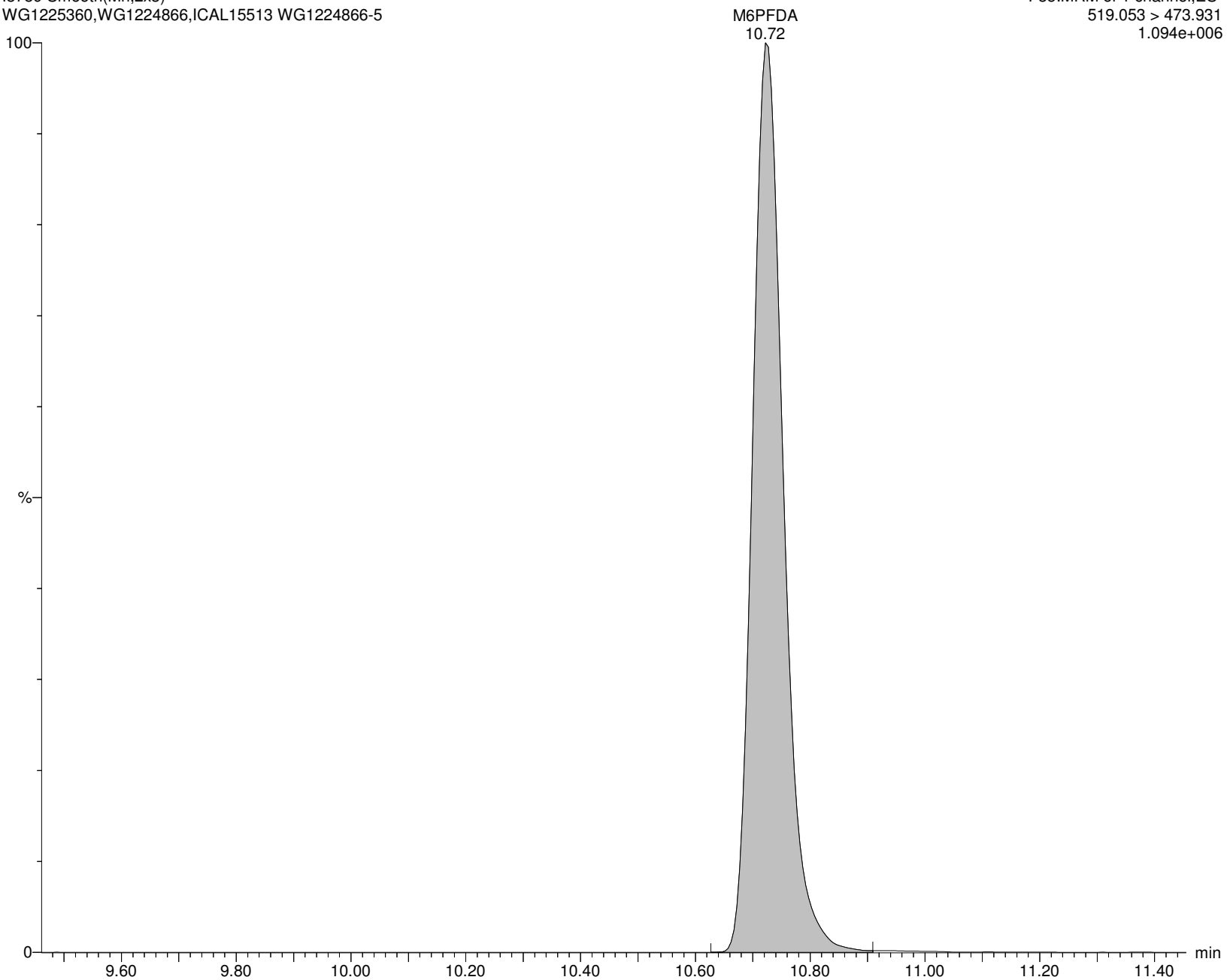
I3789 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F35:MRM of 1 channel,ES-

519.053 > 473.931

1.094e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

8:2FTS

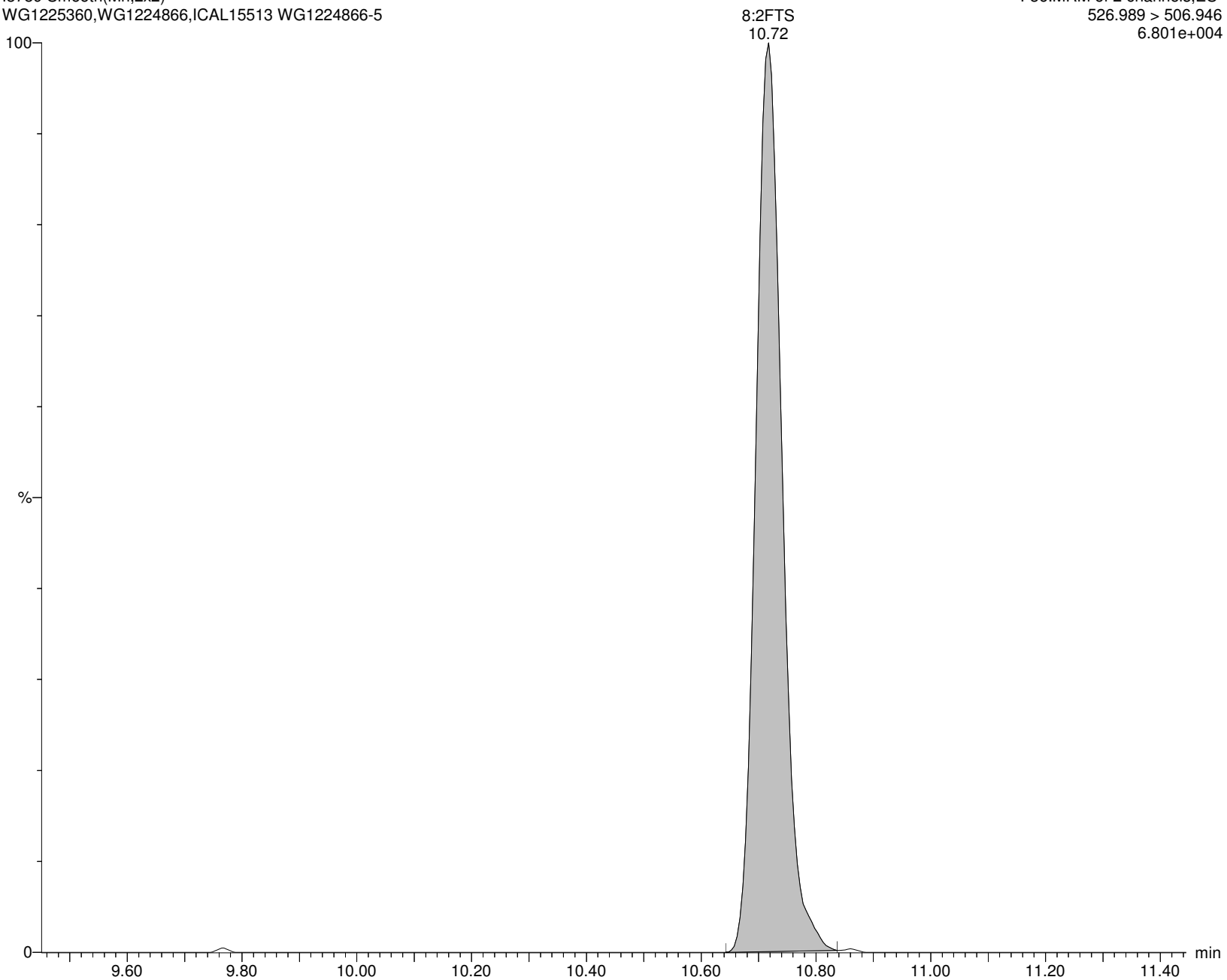
I3789 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F36:MRM of 2 channels,ES-

526.989 > 506.946

6.801e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2-8:2FTS

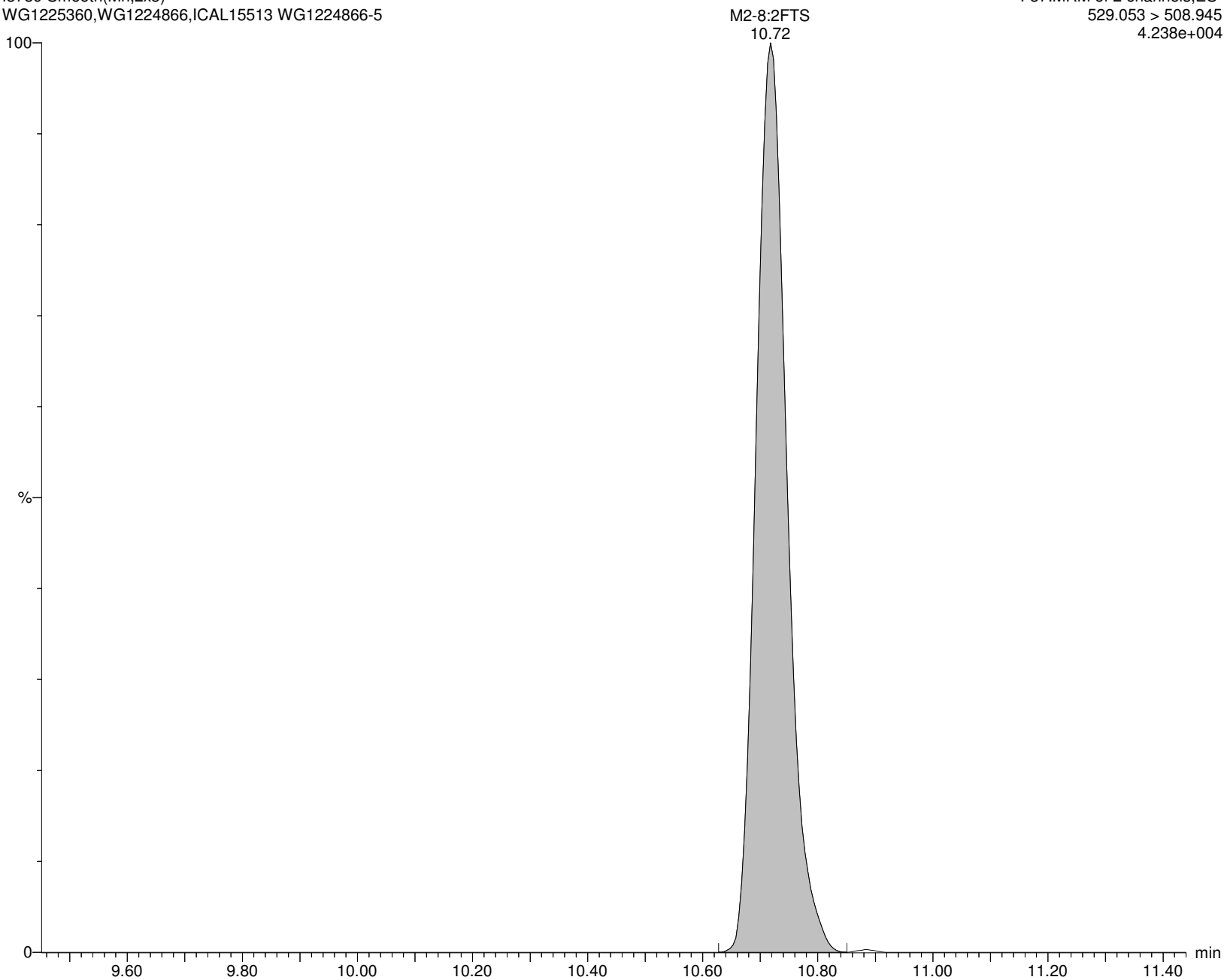
I3789 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F37:MRM of 2 channels,ES-

529.053 > 508.945

4.238e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFNS

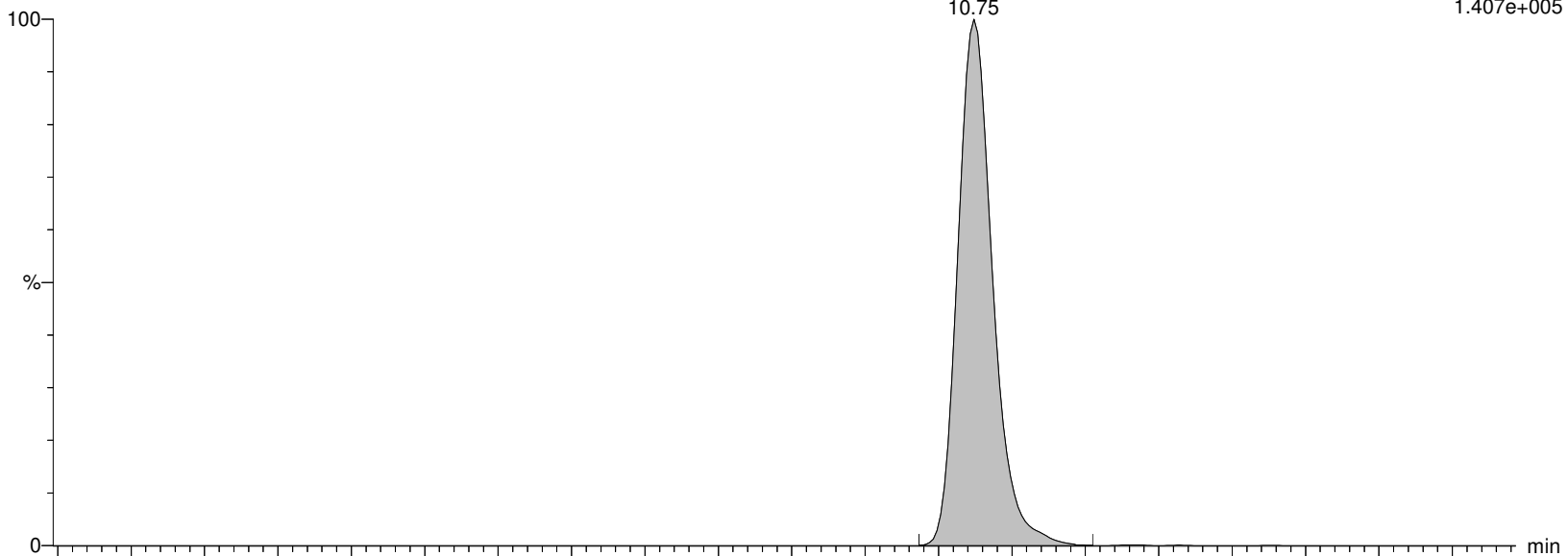
I3789 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F39:MRM of 2 channels,ES-

548.989 > 80.249

1.407e+005



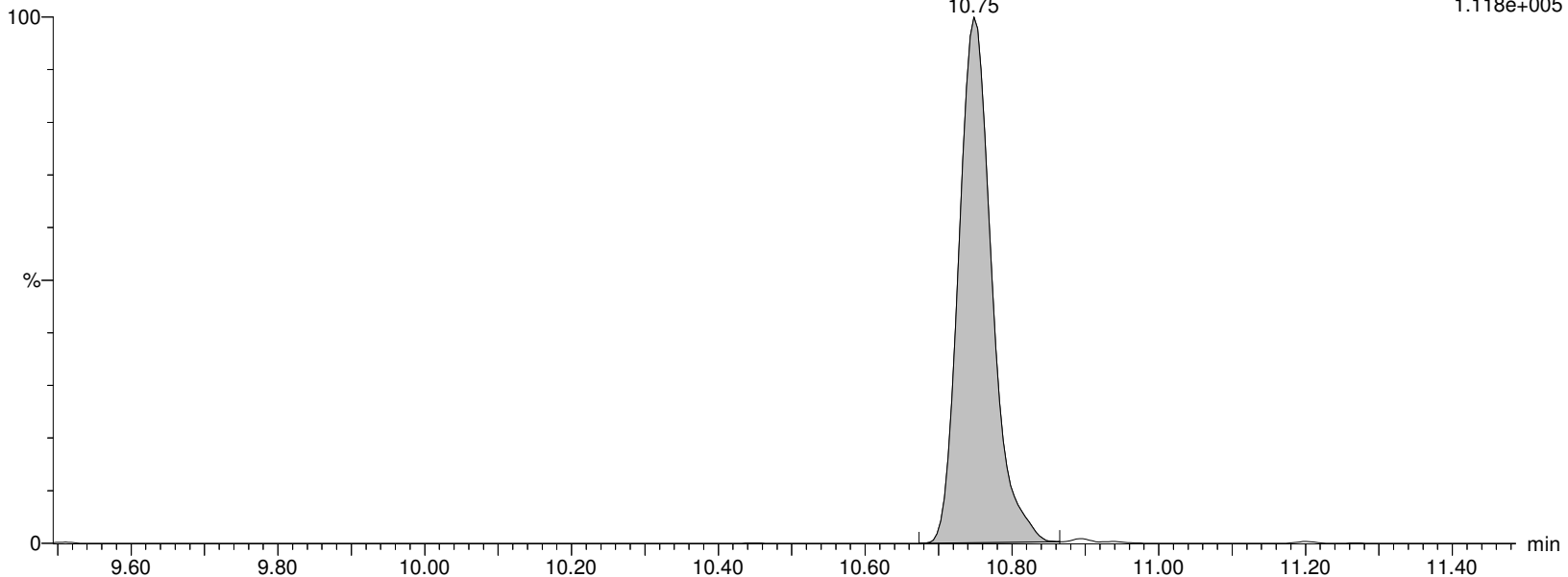
I3789 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F39:MRM of 2 channels,ES-

548.989 > 99.22

1.118e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d3-NMeFOSAA

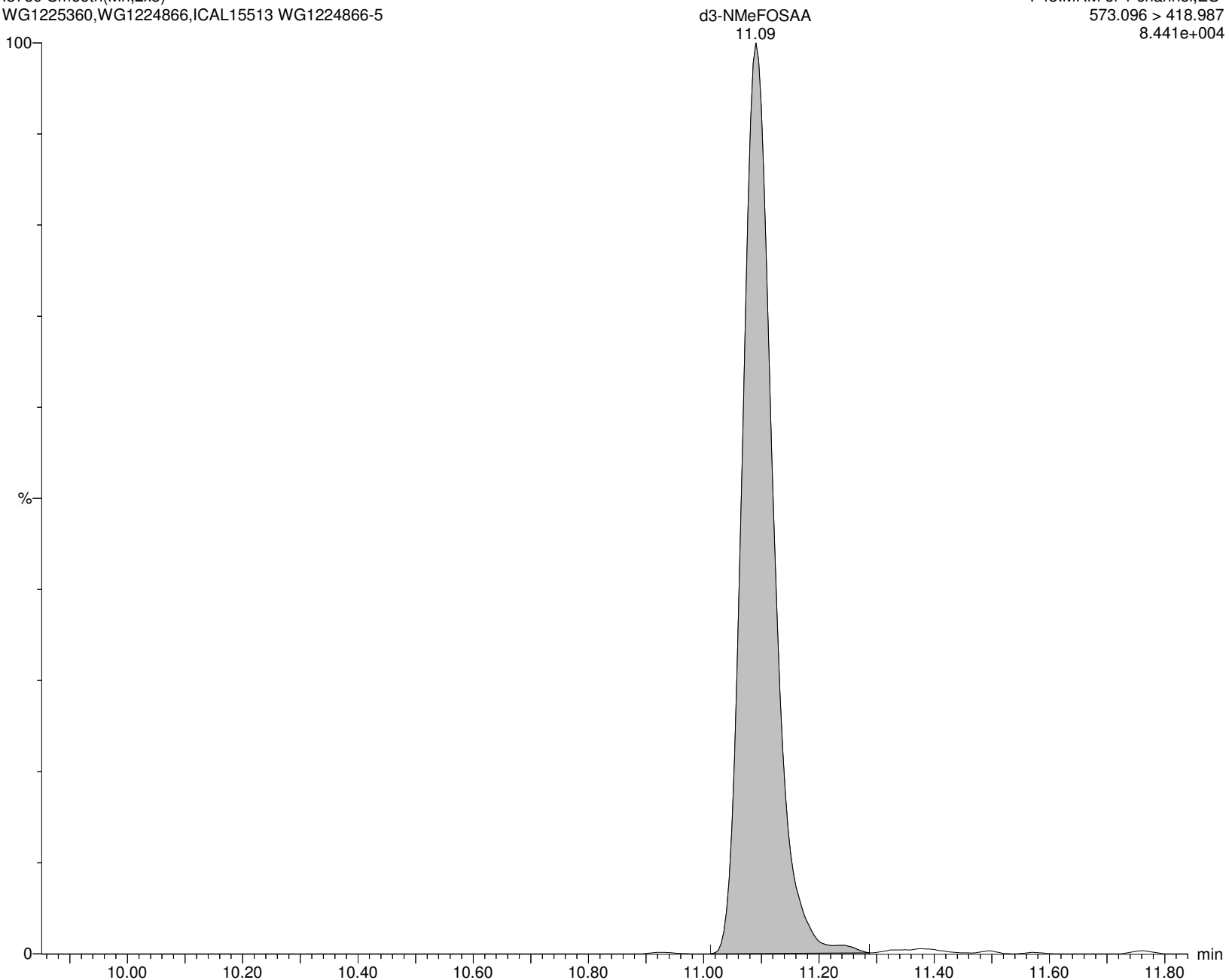
I3789 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F43:MRM of 1 channel,ES-

573.096 > 418.987

8.441e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NMeFOSAA

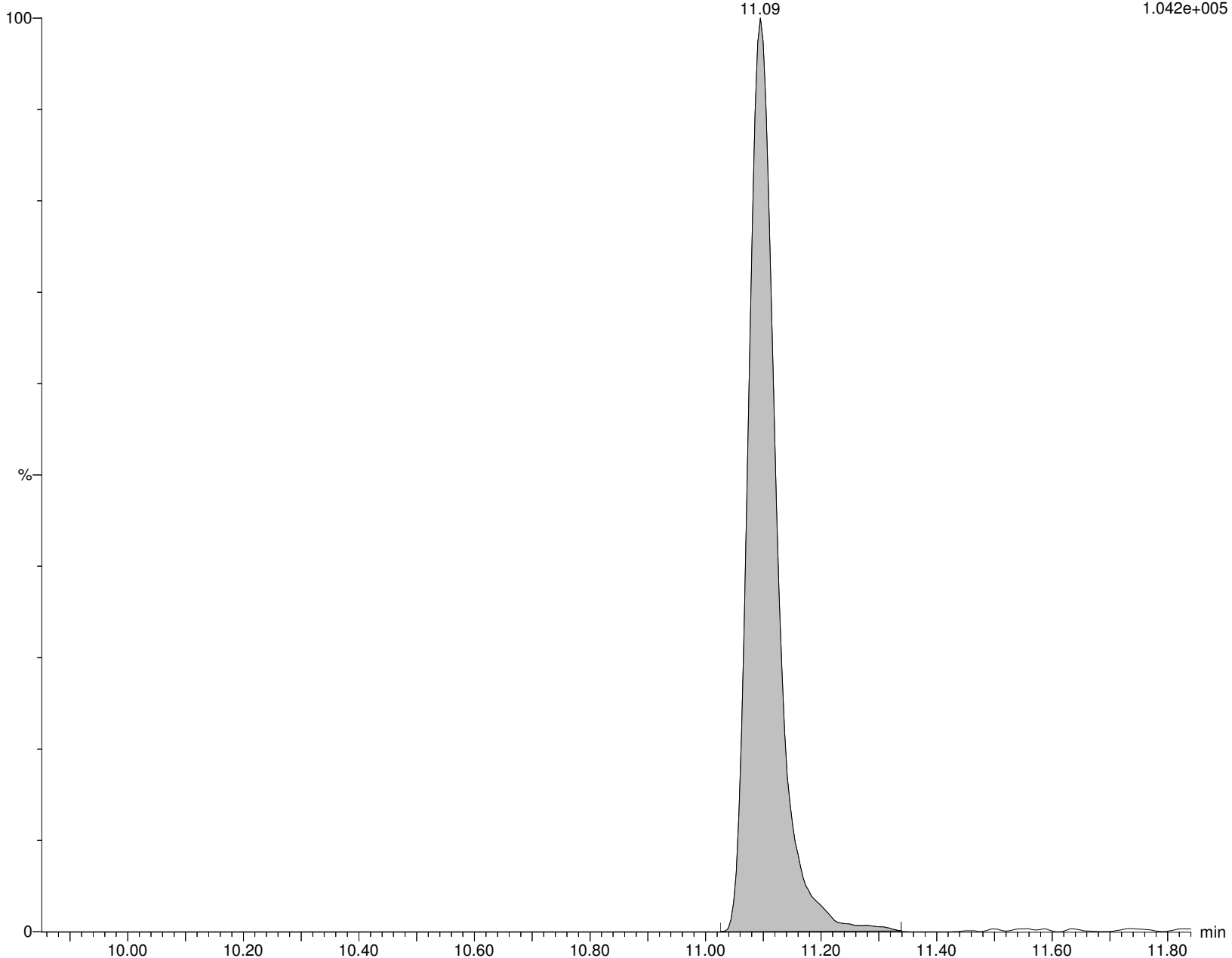
I3789 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F41:MRM of 1 channel,ES-

570.053 > 418.917

1.042e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFUnA

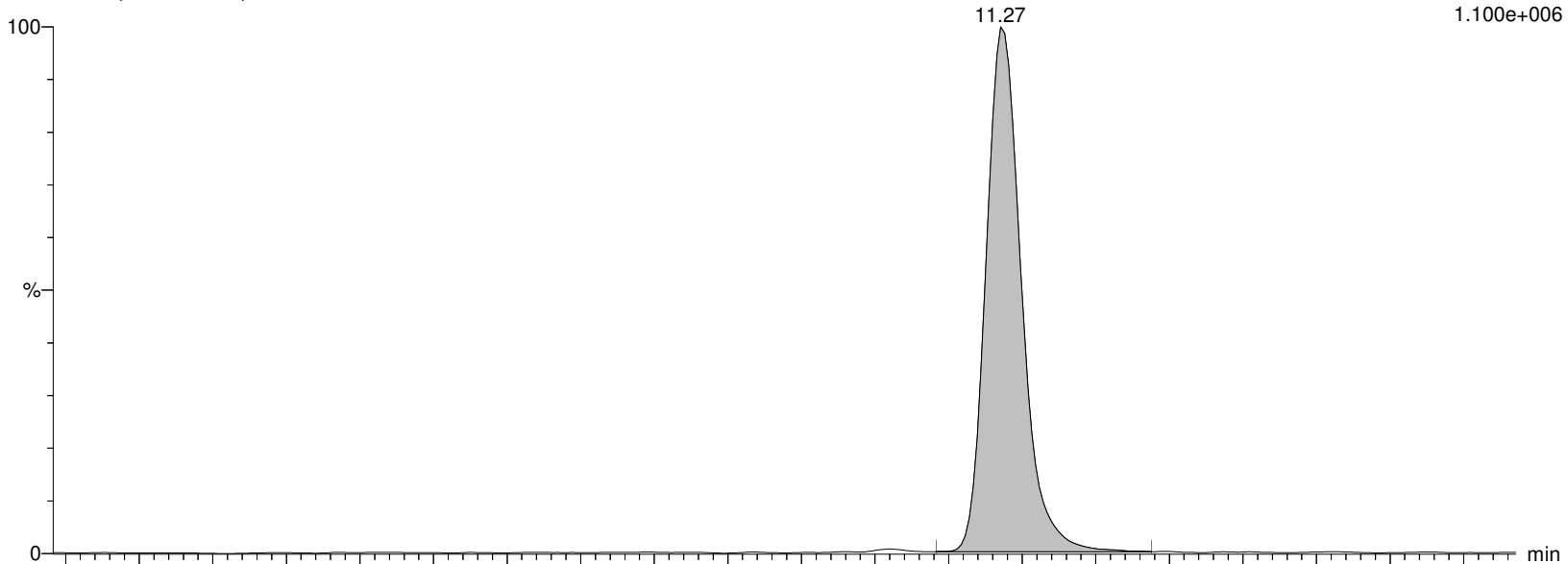
I3789 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F40:MRM of 2 channels,ES-

562.989 > 518.903

1.100e+006



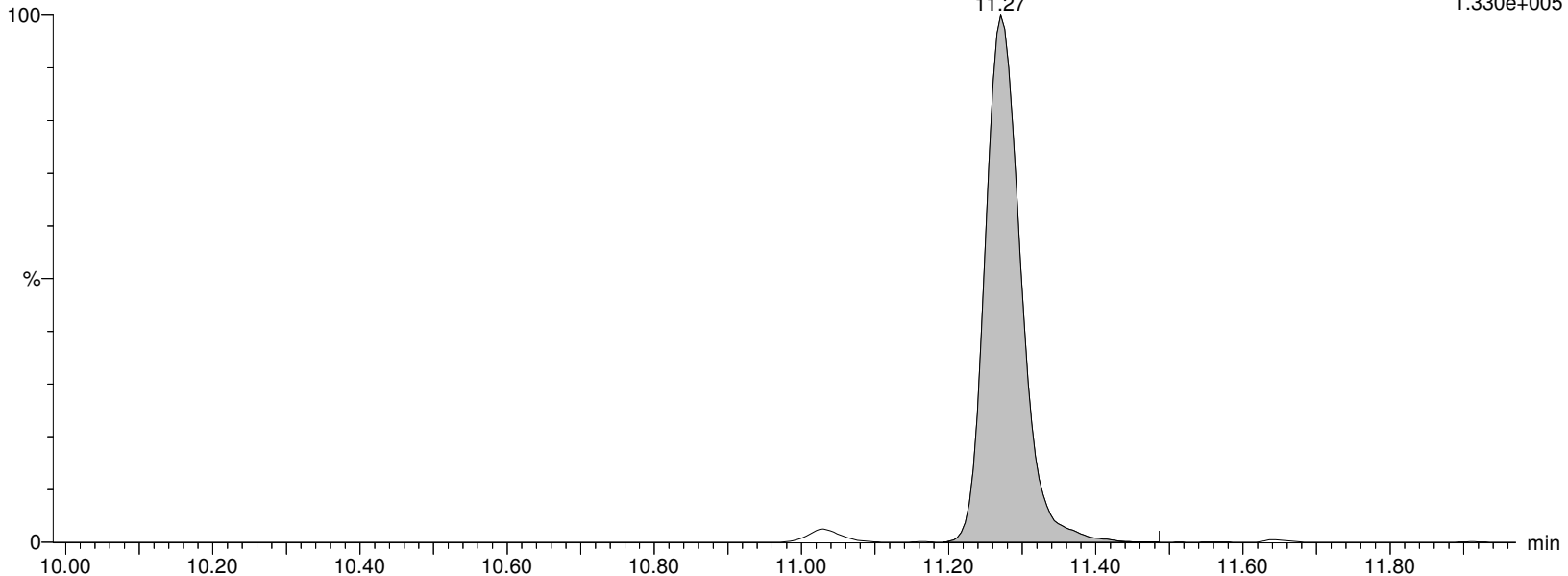
I3789 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F40:MRM of 2 channels,ES-

562.989 > 269.01

1.330e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M7-PFUDA

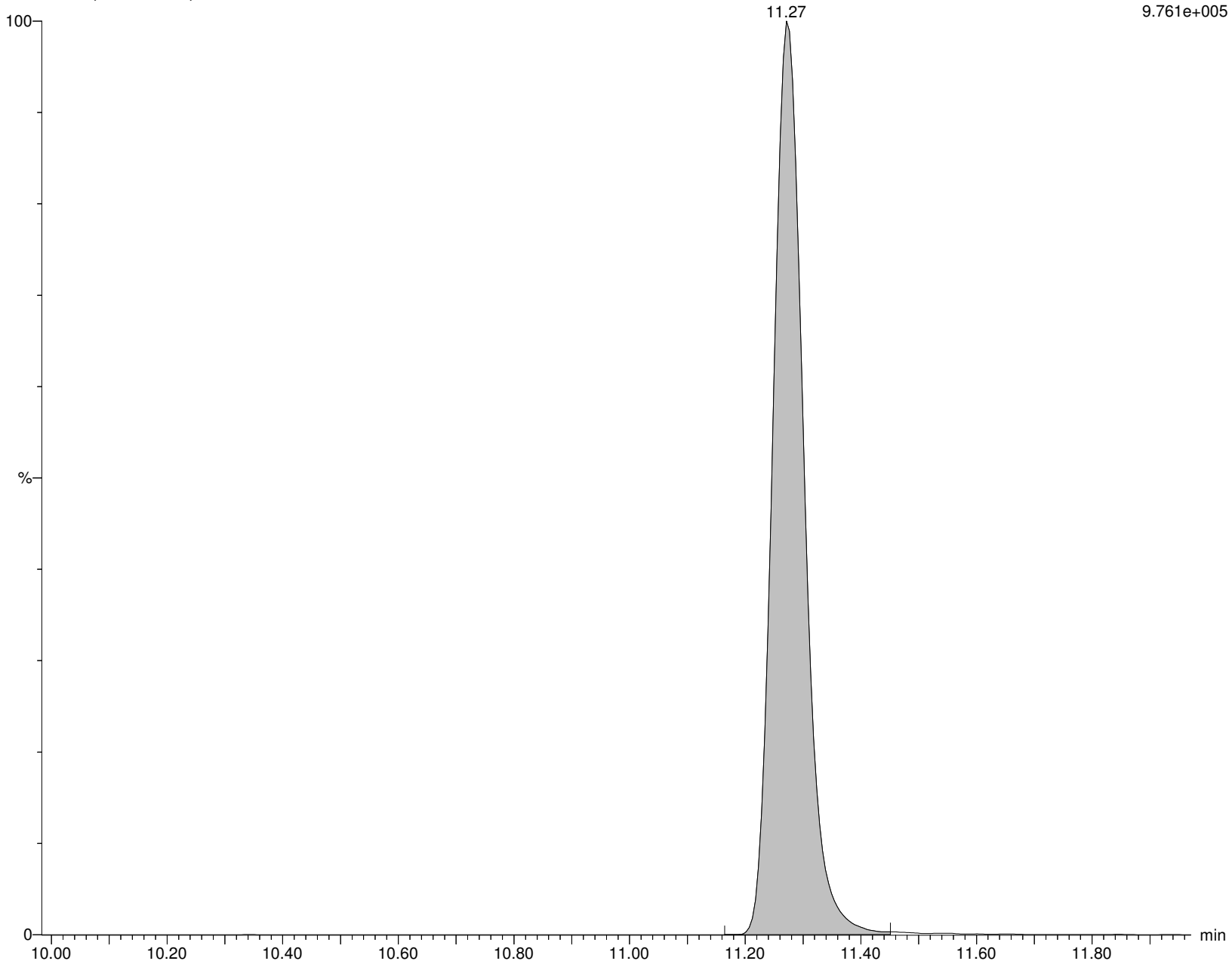
I3789 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F42:MRM of 1 channel,ES-

570.053 > 524.923

9.761e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360, WG1224866, ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDS

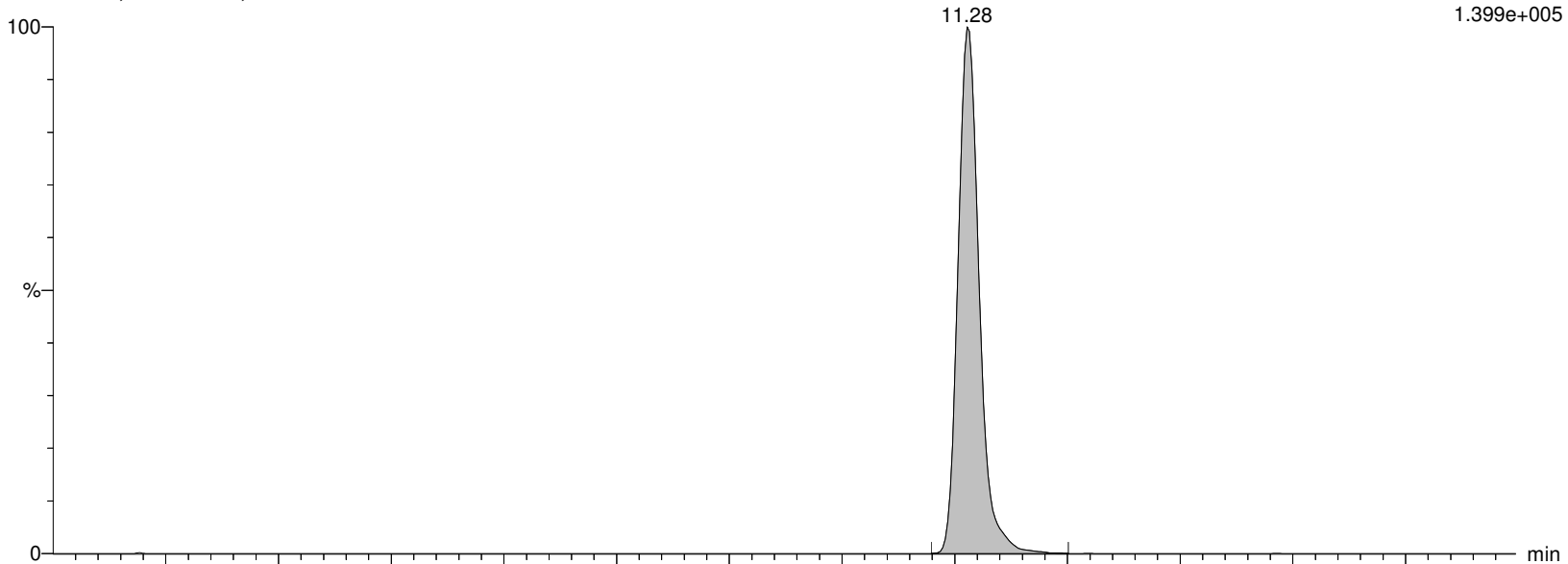
I3789 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-5

F46:MRM of 2 channels, ES-

598.926 > 80.314

1.399e+005



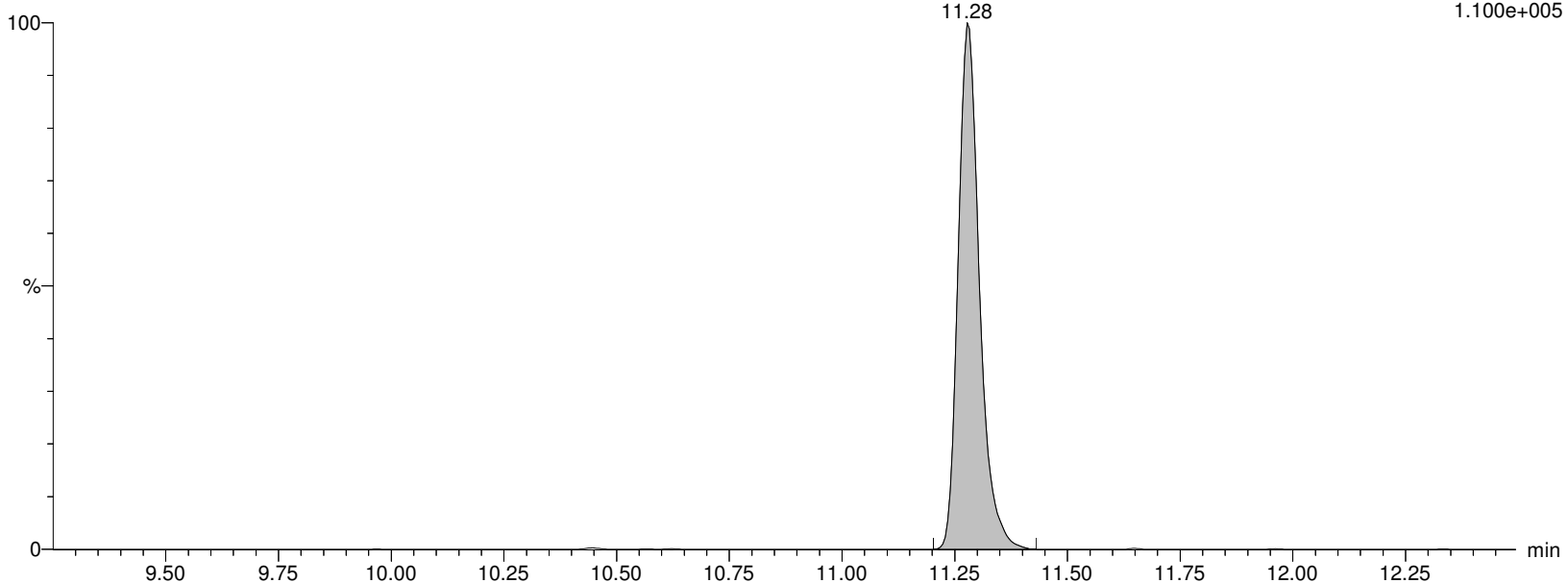
I3789 Smooth(Mn,2x2)

WG1225360, WG1224866, ICAL15513 WG1224866-5

F46:MRM of 2 channels, ES-

598.926 > 99.22

1.100e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

FOSA

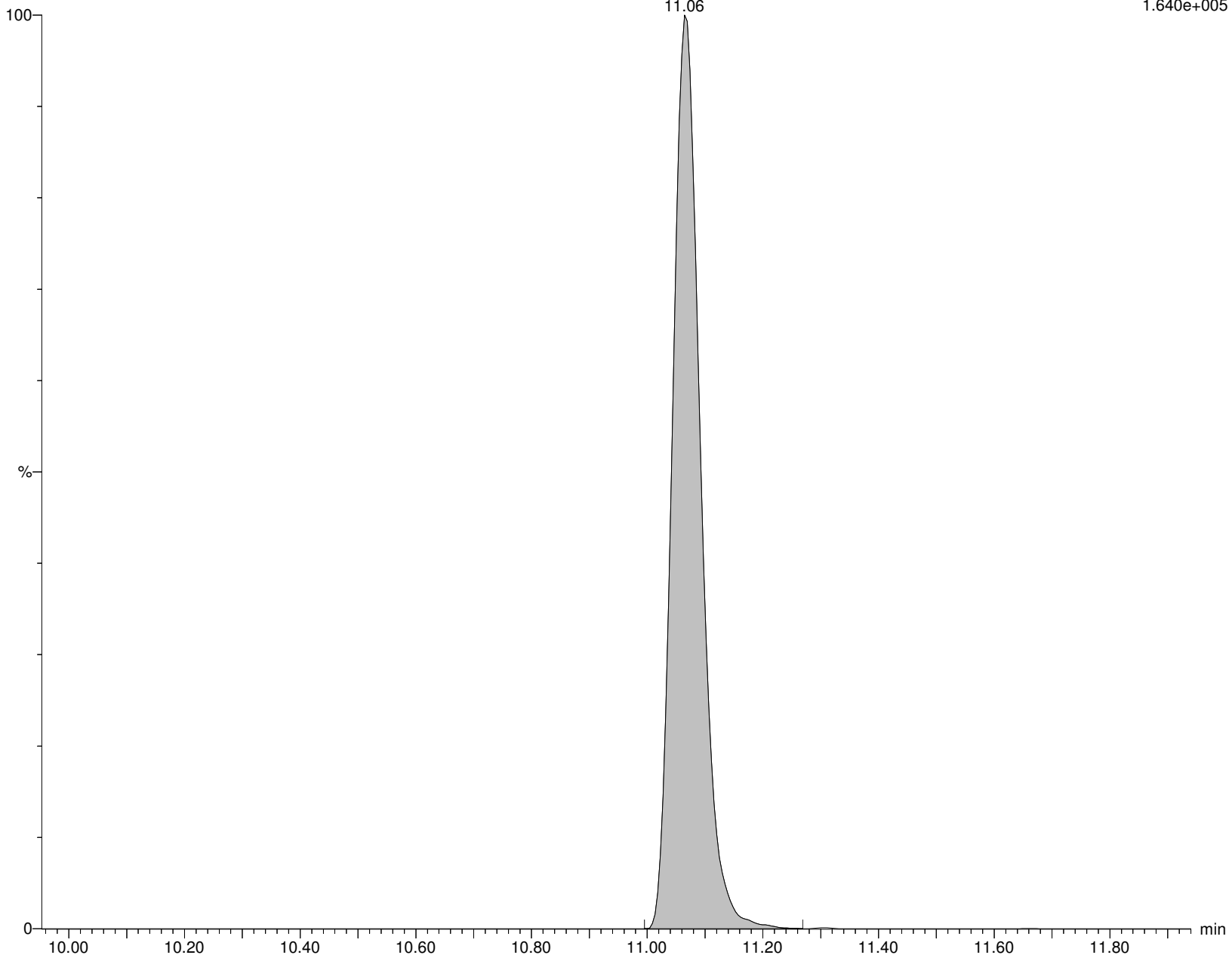
I3789 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F28:MRM of 2 channels,ES-

497.989 > 78.245

1.640e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M8FOSA

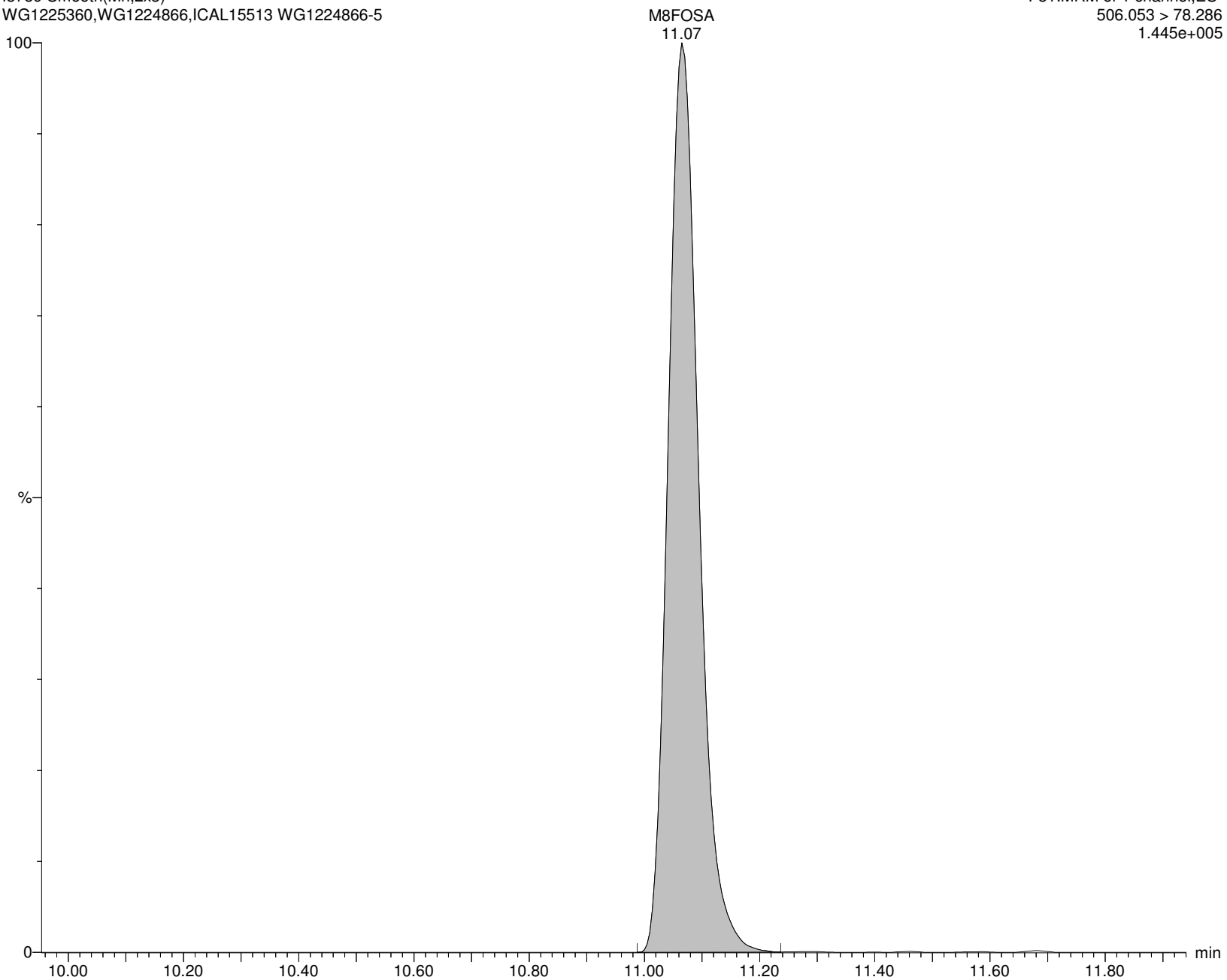
I3789 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F31:MRM of 1 channel,ES-

506.053 > 78.286

1.445e+005



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

d5-NEtFOSAA

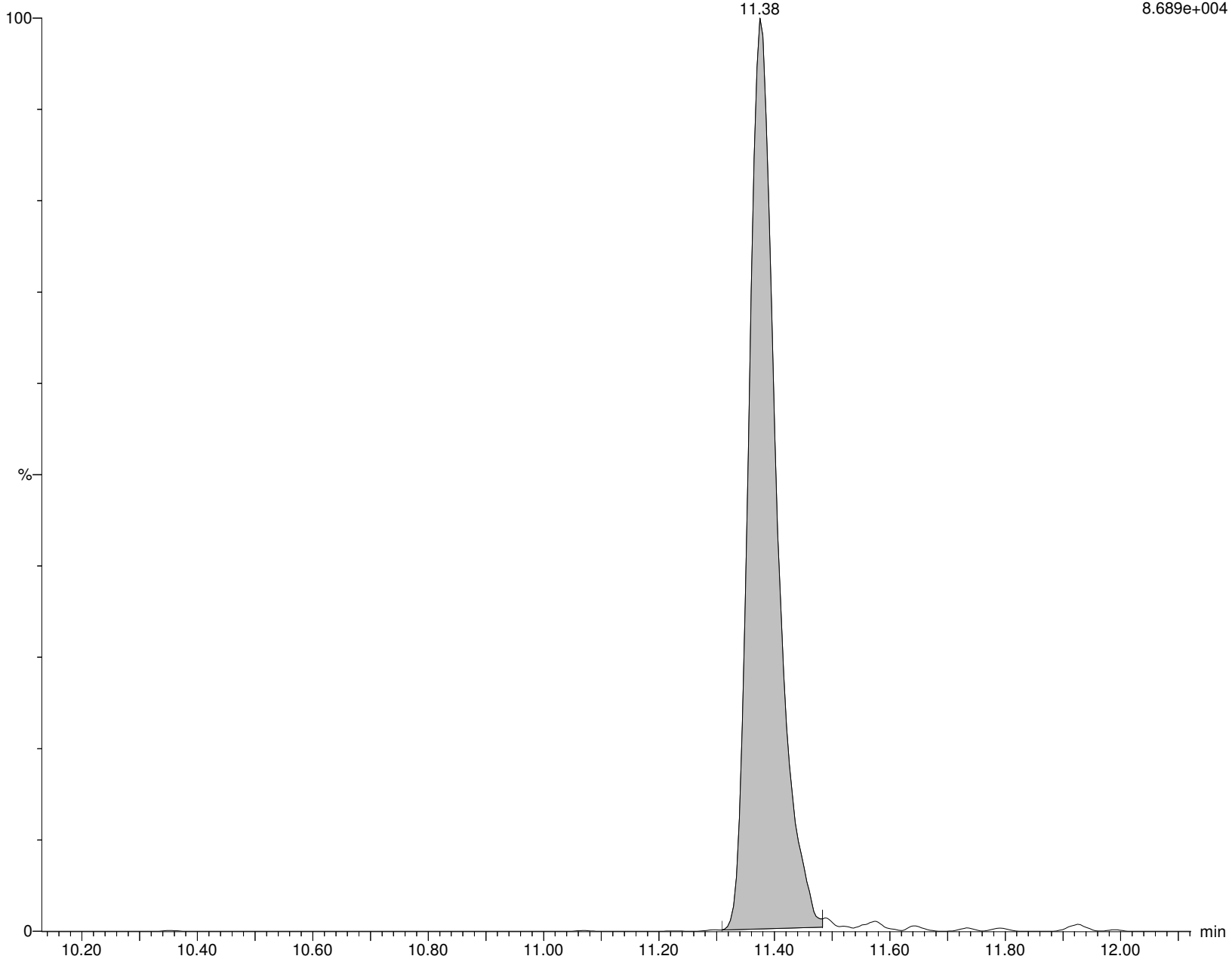
I3789 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F45:MRM of 1 channel,ES-

589.117 > 418.929

8.689e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

NEtFOSAA

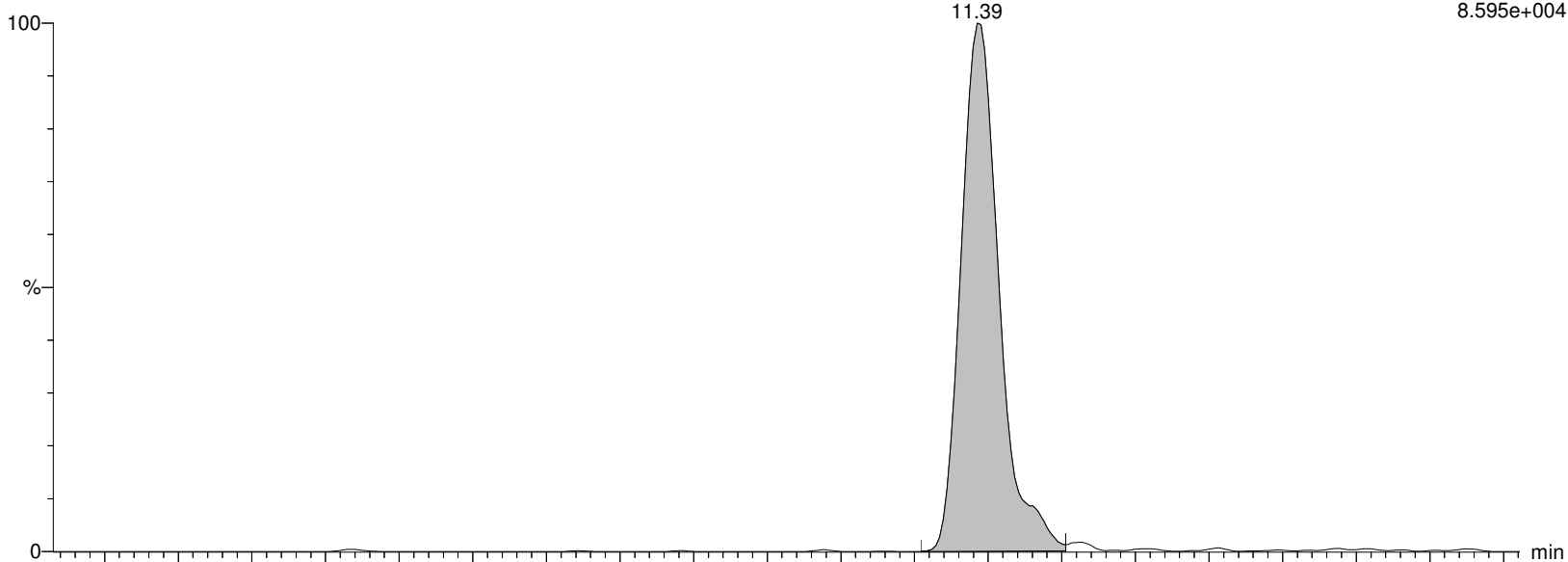
I3789 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F44:MRM of 2 channels,ES-

583.989 > 418.927

8.595e+004



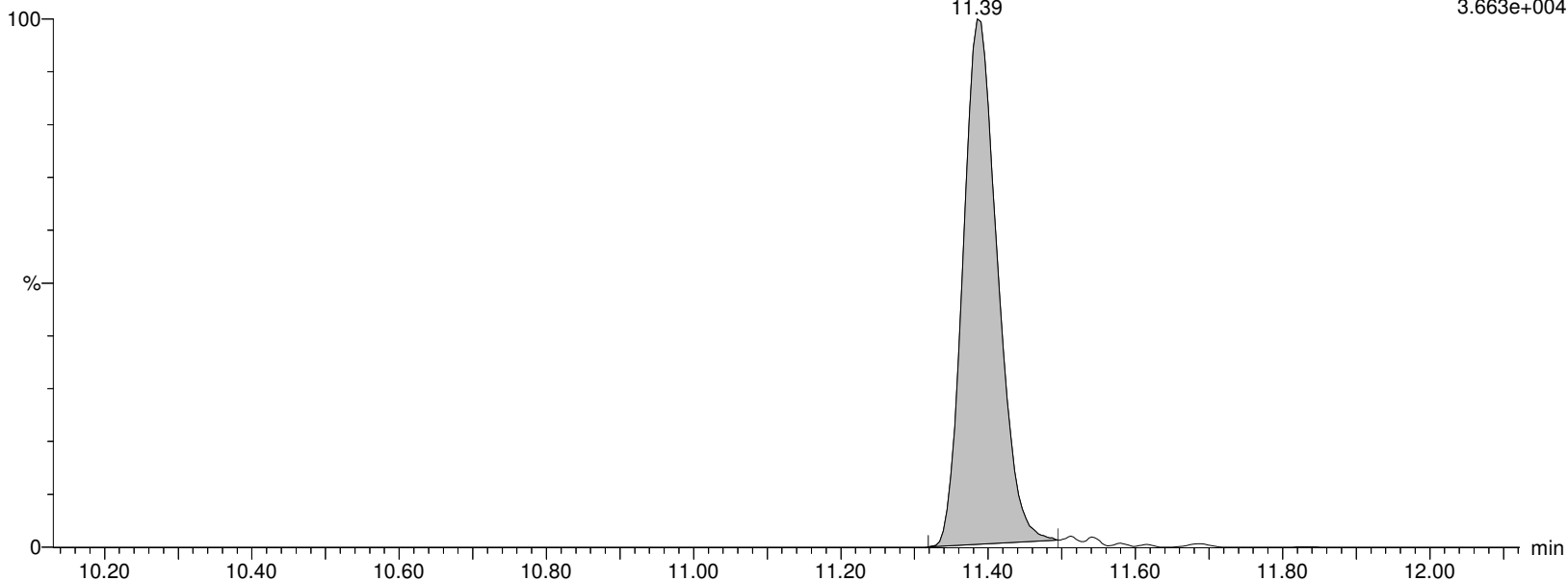
I3789 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F44:MRM of 2 channels,ES-

583.989 > 482.88

3.663e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFDoA

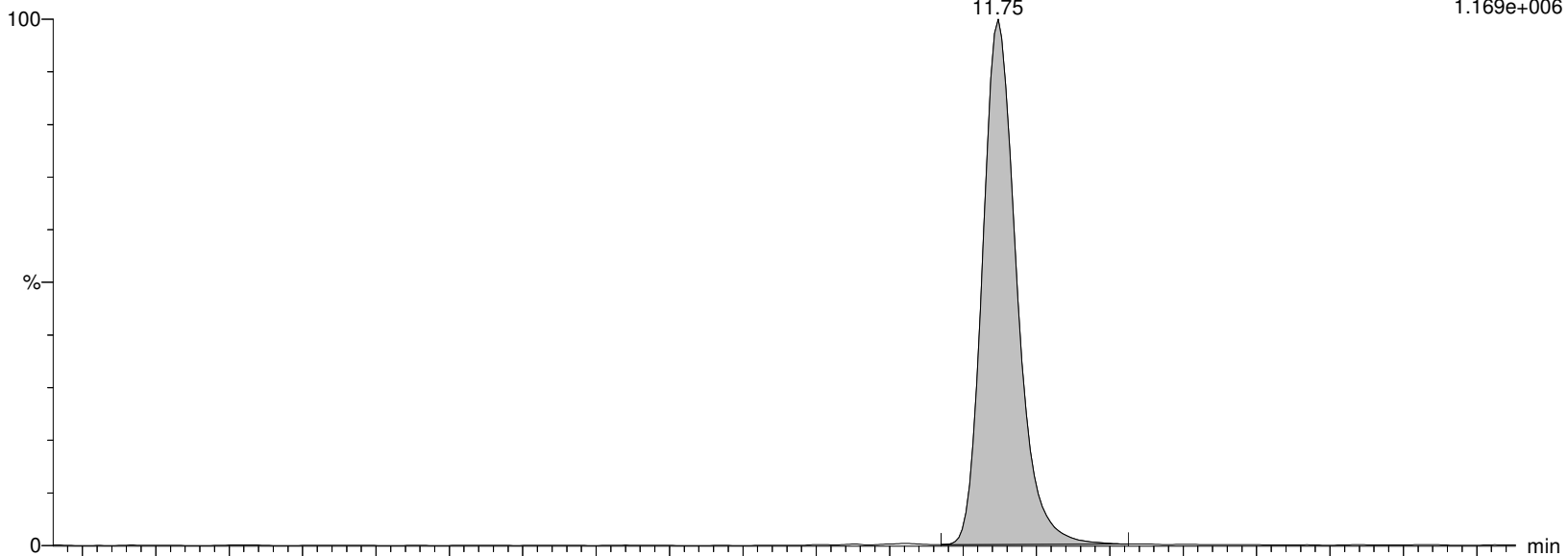
I3789 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F47:MRM of 2 channels,ES-

612.989 > 568.967

1.169e+006



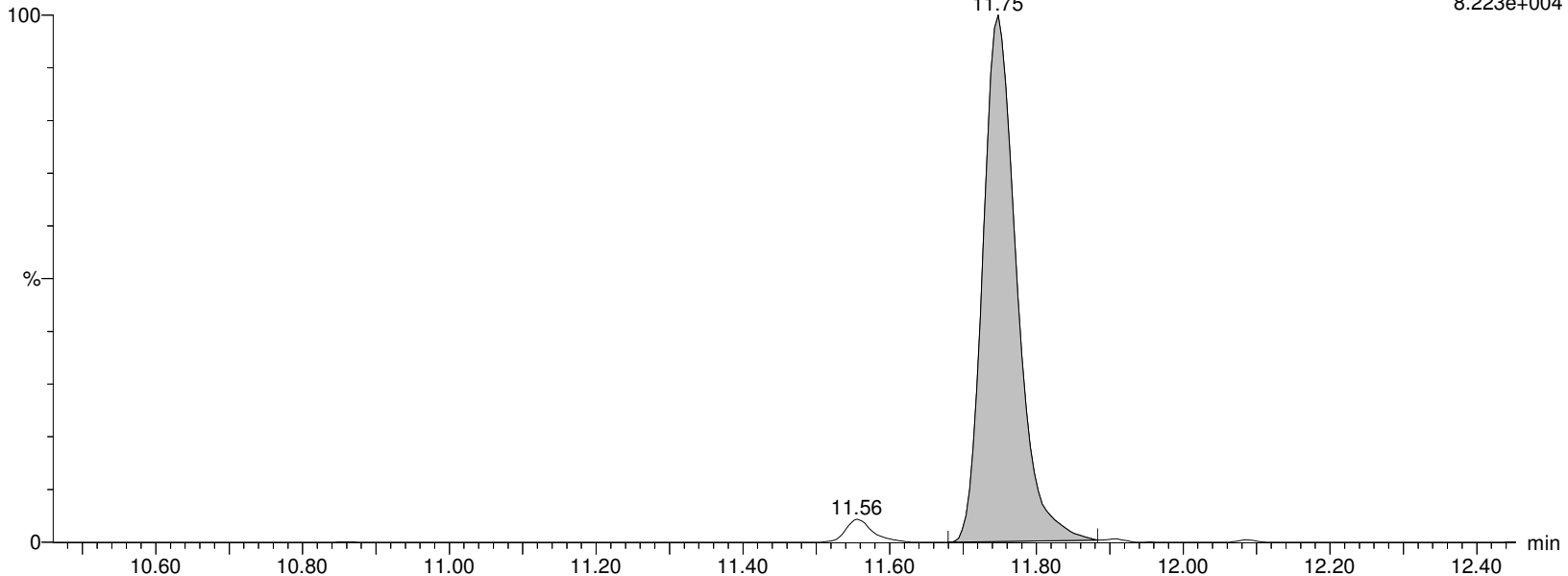
I3789 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F47:MRM of 2 channels,ES-

612.989 > 219.08

8.223e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

MPFDOA

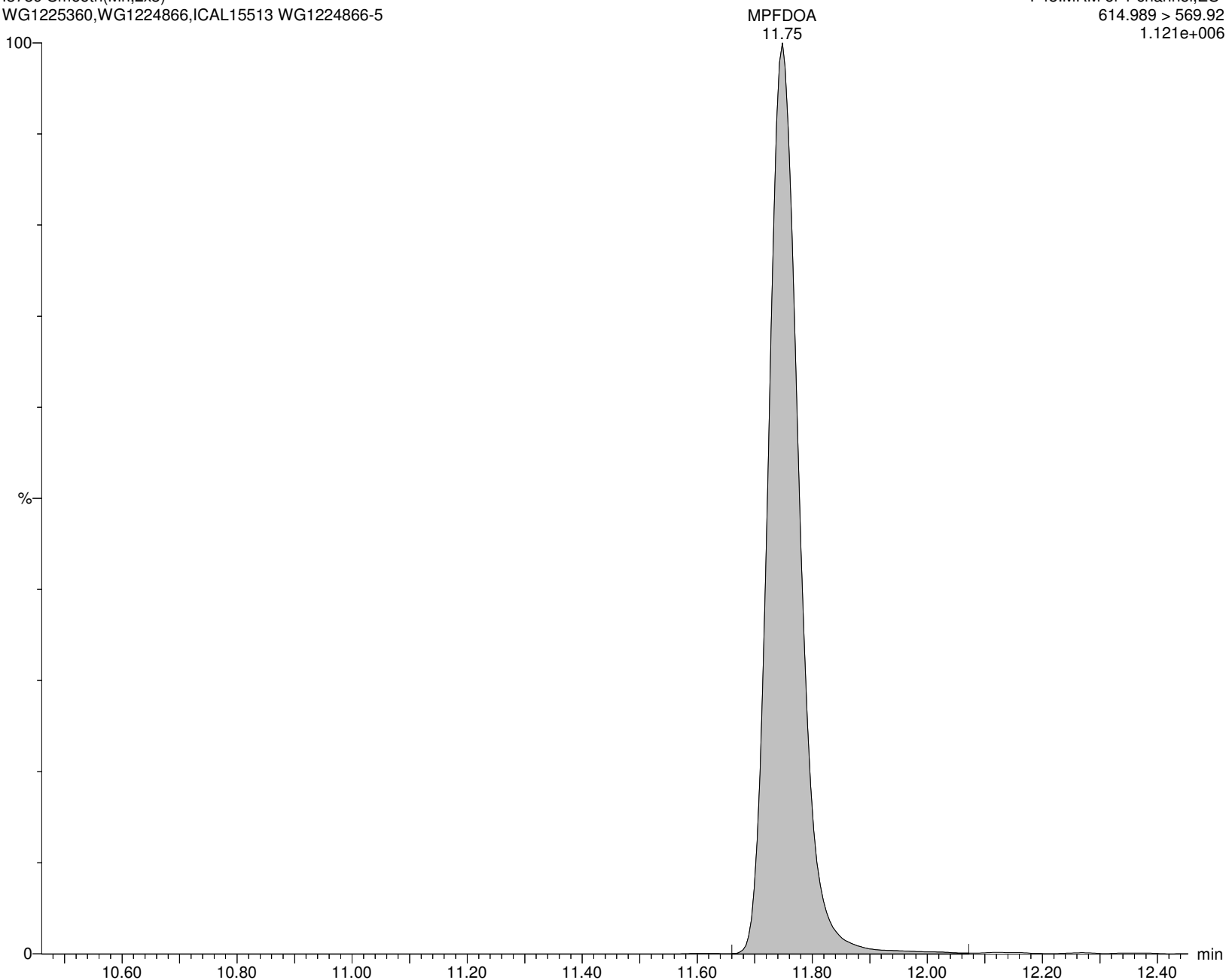
I3789 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F48:MRM of 1 channel,ES-

614.989 > 569.92

1.121e+006



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTTrDA

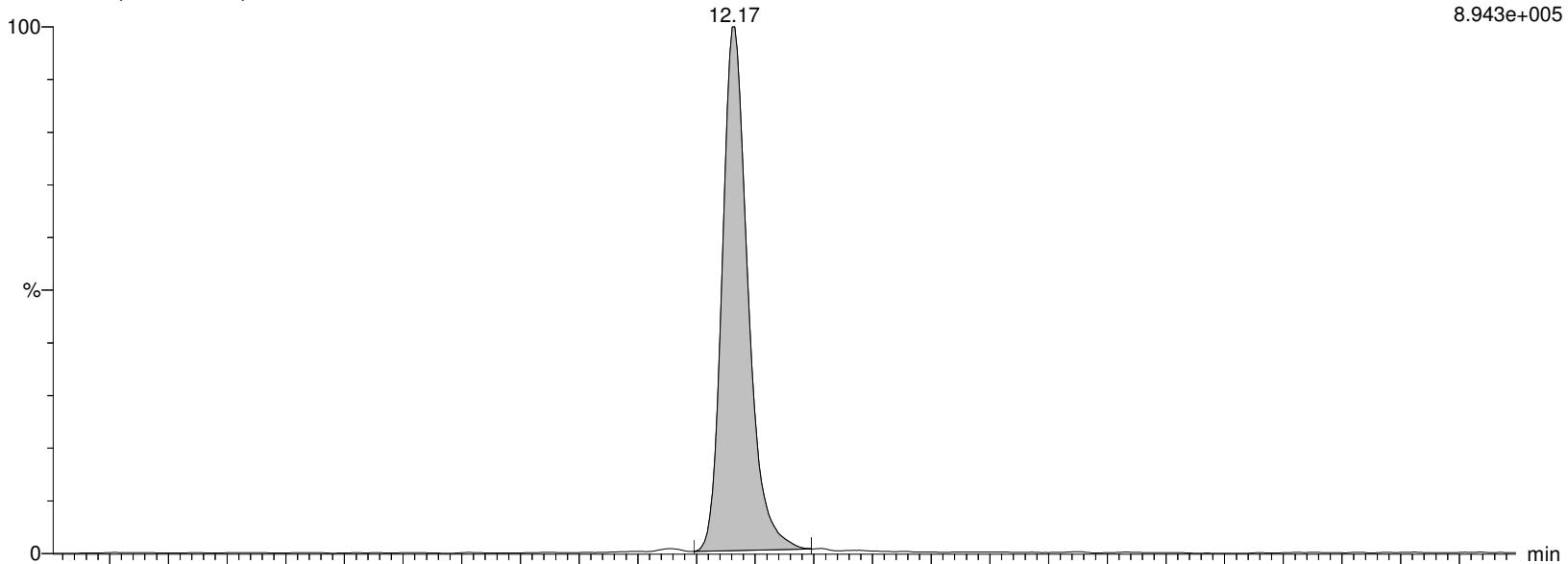
I3789 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F51:MRM of 2 channels,ES-

663.053 > 618.969

8.943e+005



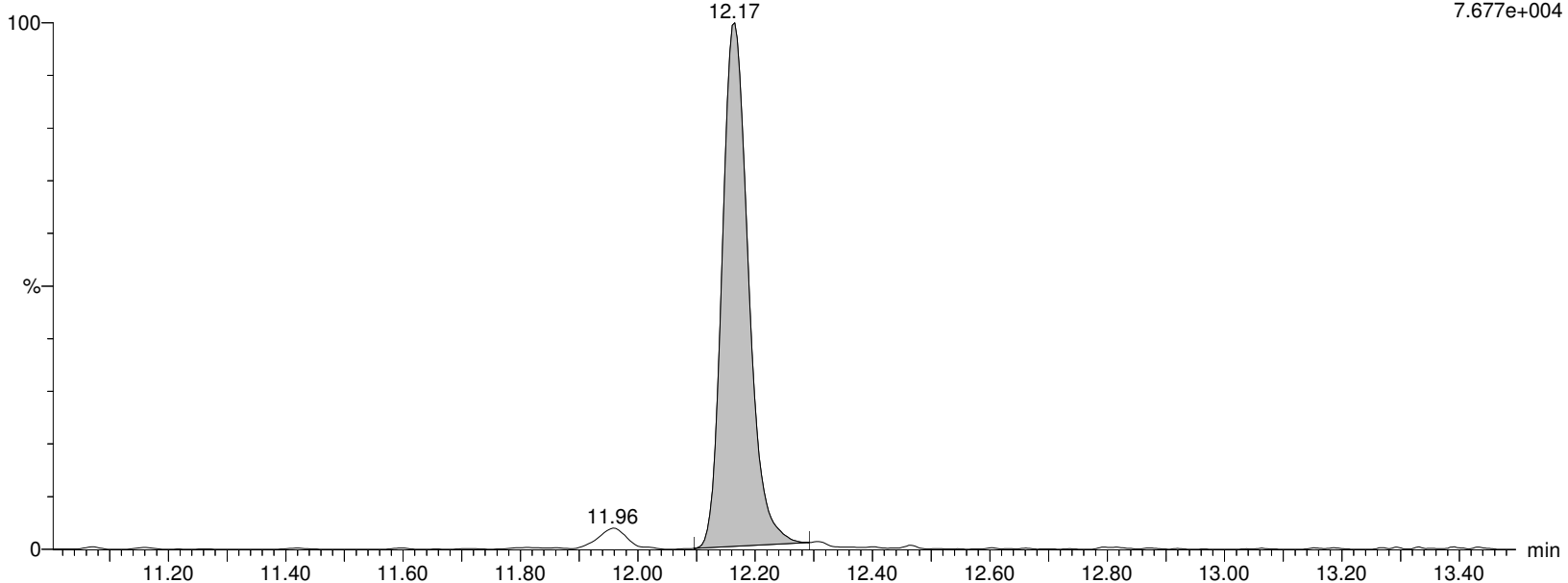
I3789 Smooth(Mn,2x2)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F51:MRM of 2 channels,ES-

663.053 > 319.02

7.677e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

PFTA

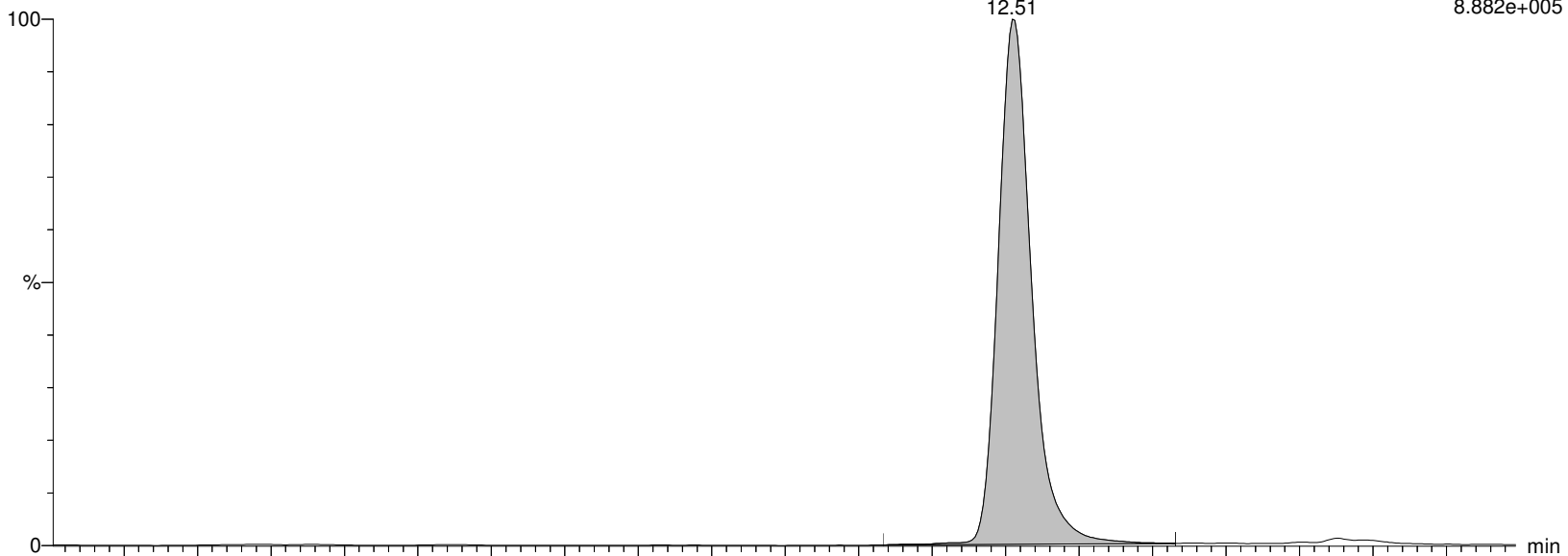
I3789 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F52:MRM of 2 channels,ES-

713.053 > 668.976

8.882e+005



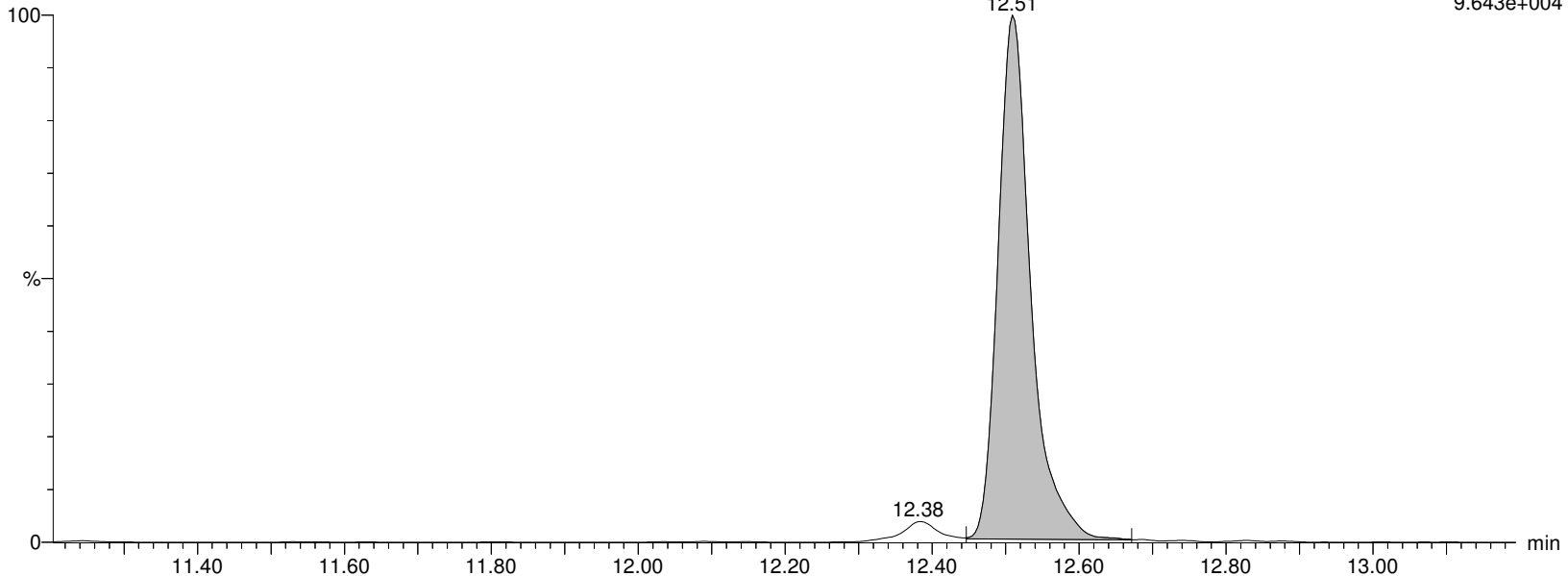
I3789 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F52:MRM of 2 channels,ES-

713.053 > 219.09

9.643e+004



Alpha Analytical Inc.

Dataset: C:\MassLynx\Data\2019\190411_537ISO.PRO\Data\WG1225360A.qld

Last Altered: Thursday, April 11, 2019 17:03:49 Eastern Daylight Time

Printed: Thursday, April 11, 2019 17:04:12 Eastern Daylight Time

Name: I3789

ID: WG1224866-5

Date: 11-Apr-2019

Time: 14:20:26

Description: WG1225360,WG1224866,ICAL15513

User: LCMS02:JW

Vial: 1:B,8

Instrument: XEVO-TQSmicro#QEB0050

Inlet Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\LCMS_537_ISO_B

Tune Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\181009_TUNE.IPR

MS Method Name: C:\MassLynx\Data\2019\190411_537ISO.PRO\ACQUDB\537ISO28_M_SPAN.EXP

M2PFTEDA

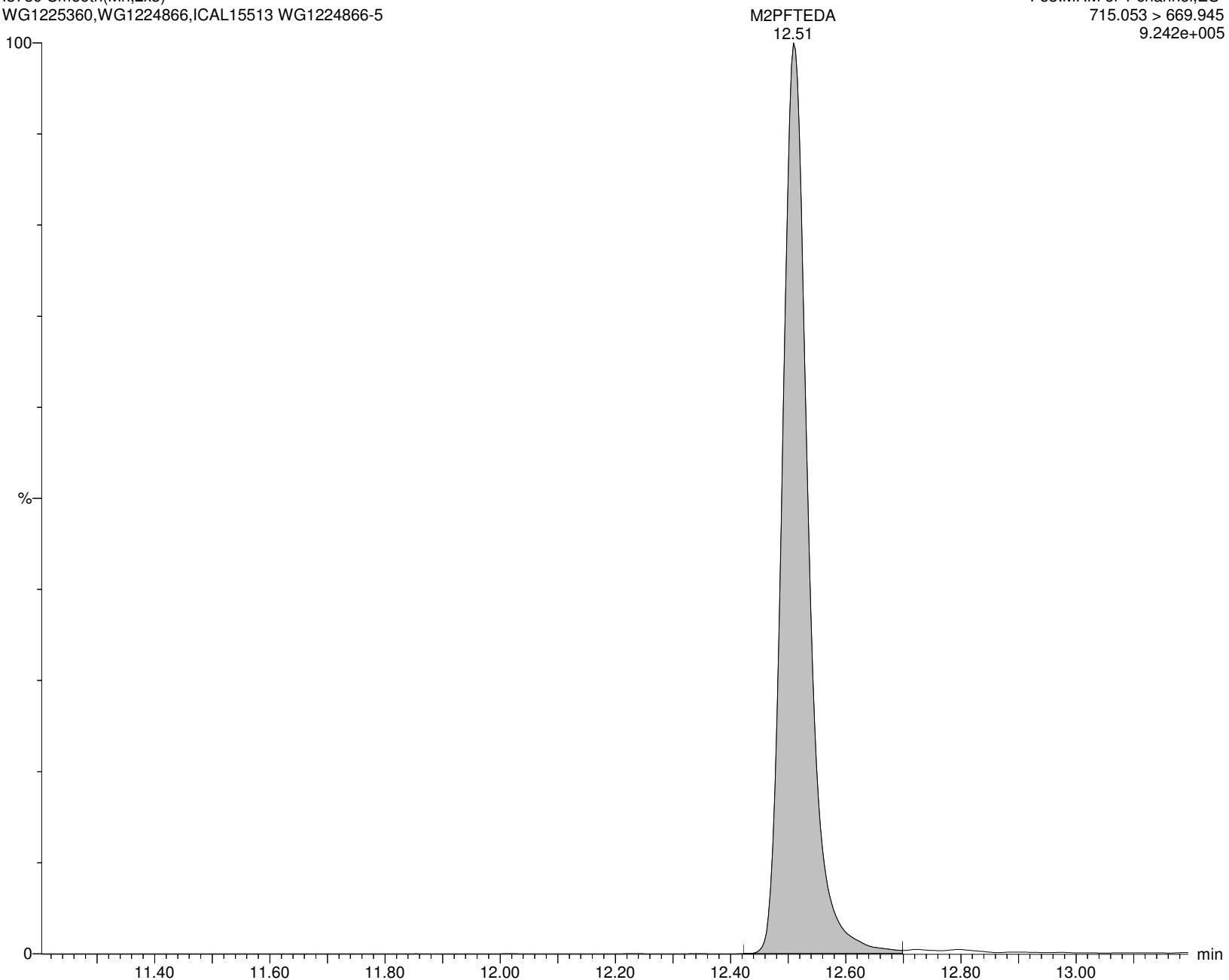
I3789 Smooth(Mn,2x3)

WG1225360,WG1224866,ICAL15513 WG1224866-5

F53:MRM of 1 channel,ES-

715.053 > 669.945

9.242e+005



Calculation of Semi Volatile Organic Compounds

Results of Water Analysis- calculation as performed in report form:

$$\text{Concentration (ug/L)} = \frac{(\text{Conc}) (\text{Vf}) (\text{DF})}{(\text{Vi})} \times 1000$$

where:

Conc =Raw on-column concentration obtained from the quantitation report using Initial Calibration results.

Vf = Final volume of extract (mL)

Vi= Volume of sample extracted (mL)

DF= Dilution factor

Results of Sediment/Soil Analysis- calculation as performed in report form:

$$\text{Concentration (ug/Kg)} = \frac{(\text{Conc}) (\text{Vf}) (\text{DF})}{(\text{W}) (\%S)}$$

where:

Conc =Raw on-column concentration obtained from the quantitation report using Initial Calibration results.

Vf = Final volume of extract (mL)

W= Aliquot of sample (wet), g

DF= Dilution factor

%S= Sample %solid (in decimal form)

ALPHA ANALYTICAL LABORATORIES, INC.

Alpha WORK GROUP REPORT (wk02)

Apr 12 2019, 03:11 pm

Work Group: WG1225360 for Department: 32 GC/MS - Semivolatiles

Created: 11-APR-19 Due: Operator: JW

Sample	Client ID	C Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
L1913381-01	LOT #VPX171016	S A2-537-ISOTOPE	WATER	DONE	U	0417	0417	NC	537ISET
L1913390-01	LOT #N/A	S A2-537-ISOTOPE	WATER	DONE	U	0417	0417	NC	537ISET
L1913542-01	SAMPLE 01	S A2-537-ISOTOPE	WATER	DONE	U	0418	0418	S0	537ISET
L1913542-02	SAMPLE 17	S A2-537-ISOTOPE	WATER	DONE	U	0418	0418	S0	537ISET
L1913542-03	SAMPLE 08	S A2-537-ISOTOPE	WATER	DONE	U	0418	0418	S0	537ISET
L1913542-04	SAMPLE 25	S A2-537-ISOTOPE	WATER	DONE	U	0418	0418	S0	537ISET
L1913741-01	TAP	S A2-537-ISOTOPE	WATER	DONE	U	0418	0412	NC	Plastic-A.25
L1913741-02	OLD	S A2-537-ISOTOPE	WATER	DONE	U	0418	0412	NC	Plastic-A.25
L1913741-03	NEW	S A2-537-ISOTOPE	WATER	DONE	U	0418	0412	NC	Plastic-A.25
L1913816-01	MW-15 04-03-2019	S A2-NY-537-ISOTOPE	WATER	DONE	U	0417	0416	S0	Plastic-T.25
L1913816-03	MW-16 04-03-2019	S A2-NY-537-ISOTOPE	WATER	DONE	U	0417	0416	S0	Plastic-T.25
L1913816-05	MW-19 04-03-2019	S A2-NY-537-ISOTOPE	WATER	DONE	U	0417	0416	S0	Plastic-T.25
L1913816-07	BLIND DUPLICATE	S A2-NY-537-ISOTOPE	WATER	DONE	U	0417	0416	S0	Plastic-T.25
L1913816-08	ERB-01	S A2-NY-537-ISOTOPE	WATER	DONE	U	0417	0416	S0	Plastic-T.25
L1913843-03	FIELD BLANK	S HOLD-537	WATER	DACQ	U	0419	0412	2E	Plastic-T.25
L1914238-01	S1	S A2-537-ISOTOPE	SOIL	DONE	U	0506	0416	S0	Plastic-A-Soil
L1914238-02	S2	S A2-537-ISOTOPE	SOIL	DONE	U	0506	0416	S0	Plastic-A-Soil
L1914322-01	FIELD BLANK-20190409	S A2-NY-537-ISOTOPE	WATER	DONE	U	0423	0416	S0	537ISET
L1914322-02	GP-7-20190409	S A2-NY-537-ISOTOPE	WATER	DONE	U	0423	0416	S0	Plastic-A.25
L1914322-03	BPR-01-00-01	S A2-NY-537-ISOTOPE	SOIL	DONE	U	0507	0416	S0	Plastic-A-Soil
L1914322-04	EQUIPMENT BLANK-SOIL-20190409	S A2-NY-537-ISOTOPE	WATER	DONE	U	0423	0416	S0	Plastic-A.25
L1914322-05	EQUIPMENT BLANK-GW-20190409	S A2-NY-537-ISOTOPE	WATER	DONE	U	0423	0416	S0	Plastic-A.25
L1914322-06	BPR-04-00-01	S A2-NY-537-ISOTOPE	SOIL	DONE	U	0507	0416	S0	Plastic-A-Soil
L1914322-07	BPR-02-00-0.5	S A2-NY-537-ISOTOPE	SOIL	DONE	U	0507	0416	S0	Plastic-A-Soil
L1914322-08	BPR-05-00-01	S A2-NY-537-ISOTOPE	SOIL	DONE	U	0507	0416	S0	Plastic-A-Soil
L1914322-09	BPR-06-00-01	S A2-NY-537-ISOTOPE	SOIL	DONE	U	0507	0416	S0	Plastic-A-Soil
L1914322-10	BPR-07-04-05	S A2-NY-537-ISOTOPE	SOIL	DONE	U	0507	0416	S0	Plastic-A-Soil
L1914322-11	GP-6-20190409	S A2-NY-537-ISOTOPE	WATER	DONE	U	0423	0416	S0	Plastic-A.25
L1914322-12	FIELD BLANK 20190409	S A2-NY-537-ISOTOPE	WATER	DONE	U	0423	0416	S0	537ISET
WG1224866-1	Laboratory Method Bl	S A2-NY-537-ISOTOPE	WATER	DACQ	U				
WG1224866-1	Laboratory Method Bl	S A2-537-ISOTOPE	WATER	DONE	U				
WG1224866-1	Laboratory Method Bl	S HOLD-537	WATER	DACQ	U				
WG1224866-2	Laboratory Control S	S A2-NY-537-ISOTOPE	WATER	DACQ	U				
WG1224866-2	Laboratory Control S	S HOLD-537	WATER	DACQ	U				
WG1224866-2	Laboratory Control S	S A2-537-ISOTOPE	WATER	DONE	U				
WG1224866-3	LCS Duplicate	S HOLD-537	WATER	DACQ	U				
WG1224866-3	LCS Duplicate	S A2-NY-537-ISOTOPE	WATER	DACQ	U				
WG1224866-3	LCS Duplicate	S A2-537-ISOTOPE	WATER	DONE	U				
WG1224866-4	Matrix Spike	S A2-NY-537-ISOTOPE	WATER	DACQ	U				
WG1224866-4	Matrix Spike	S A2-537-ISOTOPE	WATER	DONE	U				
WG1224866-4	Matrix Spike	S HOLD-537	WATER	DACQ	U				
WG1224866-5	Matrix Spike Duplica	S A2-NY-537-ISOTOPE	WATER	DACQ	U				
WG1224866-5	Matrix Spike Duplica	S HOLD-537	WATER	DACQ	U				
WG1224866-5	Matrix Spike Duplica	S A2-537-ISOTOPE	WATER	DONE	U				
WG1224873-1	Laboratory Method Bl	S A2-537-ISOTOPE	SOIL	DONE	U				
WG1224873-1	Laboratory Method Bl	S A2-NY-537-ISOTOPE	SOIL	DACQ	U				
WG1224873-2	Laboratory Control S	S A2-537-ISOTOPE	SOIL	DONE	U				
WG1224873-2	Laboratory Control S	S A2-NY-537-ISOTOPE	SOIL	DACQ	U				
WG1224873-3	LCS Duplicate	S A2-NY-537-ISOTOPE	SOIL	DACQ	U				
WG1224873-3	LCS Duplicate	S A2-537-ISOTOPE	SOIL	DONE	U				
WG1224873-4	Matrix Spike	S A2-537-ISOTOPE	SOIL	DONE	U				
WG1224873-4	Matrix Spike	S A2-NY-537-ISOTOPE	SOIL	DACQ	U				
WG1224873-5	Duplicate Sample	S A2-537-ISOTOPE	SOIL	DONE	U				
WG1224873-5	Duplicate Sample	S A2-NY-537-ISOTOPE	SOIL	DACQ	U				
WG1225035-1	Laboratory Control S	S A2-537-ISOTOPE	WATER	DONE	U				
Comments:									
WG1224866-3	WG1224866-2								
WG1224866-4	L1913816-03								
WG1224866-5	L1913816-03								
WG1224873-3	WG1224873-2								

Due:

Operator: JW

Sample	Client ID	C Product	Matrix	Stat	UA	HOLD	DUE	PR	Location
WG1224873-4 WG1224873-5	L1914238-01 L1914238-02								

Sample List Report

MassLynx MassLynx V4.2 SCN977

Sample List: C:\MassLynx\Data\2019\190214_537ISO.PRO\SampleDB\190214.SPL

Page 1 of 2

Last Modified: Friday, February 15, 2019 09:21:15 Eastern Standard Time

Printed: Monday, February 18, 2019 12:30:19 Eastern Standard Time

Page Position (1, 1)

	Bottle	File Name	File Text	Sample ID	MS File	MS Tune File
1	2:A,1	I2255	WG1206237,WG1205886,ICAL15426	Blank	537ISO28_M_SPAN	181009_TUNE
2	2:A,1	I2256	WG1206237,WG1205886,ICAL15426	Blank	537ISO28_M_SPAN	181009_TUNE
3	2:A,1	I2257	WG1206237,WG1205886,ICAL15426	Blank	537ISO28_M_SPAN	181009_TUNE
4	2:A,1	I2258	WG1206237,WG1205886,ICAL15426	Blank	537ISO28_M_SPAN	181009_TUNE
5	2:A,5	I2259	WG1206237,WG1205886,ICAL15426	10 ng/ml STD	537ISO28_M_SPAN	181009_TUNE
6	2:A,1	I2260	WG1206237,WG1205886,ICAL15426	Blank	537ISO28_M_SPAN	181009_TUNE
7	2:A,1	I2261	WG1206237,WG1205886,ICAL15426	Blank	537ISO28_M_SPAN	181009_TUNE
8	2:A,1	I2262	WG1206237,WG1205886,ICAL15426	Blank	537ISO28_M_SPAN	181009_TUNE
9	2:A,1	I2263	WG1206237,WG1205886,ICAL15426	Blank	537ISO28_M_SPAN	181009_TUNE
10	2:A,1	I2264	WG1206237,WG1205886,ICAL15426	Blank	537ISO28_M_SPAN	181009_TUNE
11	2:A,2	I2265	WG1206794	IA2-537STD0.5	537ISO28_M_SPAN	181009_TUNE
12	2:A,3	I2266	WG1206794	IA2-537STD1.0	537ISO28_M_SPAN	181009_TUNE
13	2:A,4	I2267	WG1206794	IA2-537STD5.0	537ISO28_M_SPAN	181009_TUNE
14	2:A,5	I2268	WG1206794	IA2-537STD010	537ISO28_M_SPAN	181009_TUNE
15	2:A,6	I2269	WG1206794	IA2-537STD050	537ISO28_M_SPAN	181009_TUNE
16	2:A,7	I2270	WG1206794	IA2-537STD125	537ISO28_M_SPAN	181009_TUNE
17	2:A,8	I2271	WG1206794	IA2-537STD150	537ISO28_M_SPAN	181009_TUNE
18	2:B,1	I2272	WG1206794	IA2-537STD250	537ISO28_M_SPAN	181009_TUNE
19	2:B,2	I2273	WG1206794	IA2-537STD500	537ISO28_M_SPAN	181009_TUNE
20	2:B,3	I2274	WG1206794	T-PFOA	537ISO28_M_SPAN	181009_TUNE
21	2:B,4	I2275	WG1206794	T-PFOS	537ISO28_M_SPAN	181009_TUNE
22	2:A,1	I2276	WG1206794	Blank	537ISO28_M_SPAN	181009_TUNE
23	2:A,1	I2277	WG1206794	Blank	537ISO28_M_SPAN	181009_TUNE
24	2:A,1	I2278	WG1206794	Blank	537ISO28_M_SPAN	181009_TUNE
25	2:A,1	I2279	WG1206794	Blank	537ISO28_M_SPAN	181009_TUNE
26	2:A,1	I2280	WG1206794	Blank	537ISO28_M_SPAN	181009_TUNE
27	2:A,1	I2281	WG1206794	Blank	537ISO28_M_SPAN	181009_TUNE
28	2:B,5	I2282	Communication error, re-run	CA2-537STD050	537ISO28_M_SPAN	181009_TUNE
29	2:B,5	I2283	WG1206794	CA2-537STD050	537ISO28_M_SPAN	181009_TUNE
30	2:B,6	I2284	WG1206794	Old Low LCS	537ISO28_M_SPAN	181009_TUNE
31	2:B,7	I2285	WG1206794	New Low LCS	537ISO28_M_SPAN	181009_TUNE

Sample List Report**MassLynx MassLynx V4.2 SCN977**

Sample List: C:\MassLynx\Data\2019\190214_537ISO.PRO\SampleDB\190214.SPL

Page 2 of 2

Last Modified: Friday, February 15, 2019 09:21:15 Eastern Standard Time

Printed: Monday, February 18, 2019 12:30:19 Eastern Standard Time

Page Position (2, 1)

Inlet File	Inject Volume	Sample Type	Conc A	User
LCMS_537_ISO_B	3.000	Analyte		LCMS02:PB
LCMS_537_ISO_B	3.000	Analyte		LCMS02:PB
LCMS_537_ISO_B	3.000	Analyte		LCMS02:PB
LCMS_537_ISO_B	3.000	Analyte		LCMS02:PB
LCMS_537_ISO_B	3.000	Analyte		LCMS02:PB
LCMS_537_ISO_B	3.000	Analyte		LCMS02:PB
LCMS_537_ISO_B	3.000	Analyte		LCMS02:PB
LCMS_537_ISO_B	3.000	Analyte		LCMS02:PB
LCMS_537_ISO_B	3.000	Analyte		LCMS02:PB
LCMS_537_ISO_B	3.000	Analyte		LCMS02:PB
LCMS_537_ISO_B	3.000	Standard	.5	LCMS02:PB
LCMS_537_ISO_B	3.000	Standard	1	LCMS02:PB
LCMS_537_ISO_B	3.000	Standard	5	LCMS02:PB
LCMS_537_ISO_B	3.000	Standard	10	LCMS02:PB
LCMS_537_ISO_B	3.000	Standard	50	LCMS02:PB
LCMS_537_ISO_B	3.000	Standard	125	LCMS02:PB
LCMS_537_ISO_B	3.000	Standard	150	LCMS02:PB
LCMS_537_ISO_B	3.000	Standard	250	LCMS02:PB
LCMS_537_ISO_B	3.000	Standard	500	LCMS02:PB
LCMS_537_ISO_B	3.000	Analyte		LCMS02:PB
LCMS_537_ISO_B	3.000	Analyte		LCMS02:PB
LCMS_537_ISO_B	3.000	Analyte		LCMS02:PB
LCMS_537_ISO_B	3.000	Analyte		LCMS02:PB
LCMS_537_ISO_B	3.000	Analyte		LCMS02:PB
LCMS_537_ISO_B	3.000	Analyte		LCMS02:PB
LCMS_537_ISO_B	3.000	Analyte		LCMS02:PB
LCMS_537_ISO_B	3.000	QC	10	LCMS02:PB
LCMS_537_ISO_B	3.000	QC	10	LCMS02:PB
LCMS_537_ISO_B	3.000	QC	.5	LCMS02:PB
LCMS_537_ISO_B	3.000	QC	.5	LCMS02:PB

Sample List Report

MassLynx MassLynx V4.2 SCN977

Sample List: C:\MassLynx\Data\2019\190411_537ISO.PRO\SampleDB\190411.SPL

Page 1 of 4

Last Modified: Thursday, April 11, 2019 16:15:20 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:33:05 Eastern Daylight Time

Page Position (1, 1)

	Bottle	File Name	File Text	Sample ID	MS File
1	2:A,1	I3771	MeOH	Blank	537ISO28_M_SPAN
2	2:A,1	I3772	MeOH	Blank	537ISO28_M_SPAN
3	2:A,2	I3773	WG1225360, WG1223365, ICAL15513, 537ILOW	WG1225360-1, 537ILOW	537ISO28_M_SPAN
4	1:A,1	I3774	WG1225360, WG1225035, ICAL15513	L1913390-01	537ISO28_M_SPAN
5	1:A,2	I3775	WG1225360, WG1225033, ICAL15513	L1913381-01	537ISO28_M_SPAN
6	1:A,3	I3776	WG1225360, WG1224866, ICAL15513	WG1224866-1	537ISO28_M_SPAN
7	1:A,4	I3777	WG1225360, WG1224866, ICAL15513	L1913843-03	537ISO28_M_SPAN
8	1:A,5	I3778	WG1225360, WG1224866, ICAL15513	L1913741-01	537ISO28_M_SPAN
9	1:A,6	I3779	WG1225360, WG1224866, ICAL15513	L1913741-02	537ISO28_M_SPAN
10	1:A,7	I3780	WG1225360, WG1224866, ICAL15513	L1913741-03	537ISO28_M_SPAN
11	1:A,8	I3781	WG1225360, WG1224866, ICAL15513	L1913542-01	537ISO28_M_SPAN
12	1:B,1	I3782	WG1225360, WG1224866, ICAL15513	L1913542-02	537ISO28_M_SPAN
13	1:B,2	I3783	WG1225360, WG1224866, ICAL15513	L1913542-03	537ISO28_M_SPAN
14	1:B,3	I3784	WG1225360, WG1224866, ICAL15513	L1913542-04	537ISO28_M_SPAN
15	1:B,4	I3785	WG1225360, WG1225035, ICAL15513	WG1225035-1	537ISO28_M_SPAN
16	1:B,5	I3786	WG1225360, WG1224866, ICAL15513	WG1224866-2	537ISO28_M_SPAN
17	1:B,6	I3787	WG1225360, WG1224866, ICAL15513	WG1224866-3	537ISO28_M_SPAN
18	1:B,7	I3788	WG1225360, WG1224866, ICAL15513	WG1224866-4	537ISO28_M_SPAN
19	1:B,8	I3789	WG1225360, WG1224866, ICAL15513	WG1224866-5	537ISO28_M_SPAN
20	2:A,3	I3790	WG1225360, WG1224866, ICAL15513, 537IMED	WG1225360-2, 537IMED	537ISO28_M_SPAN
21	2:A,1	I3791	MeOH	Blank	537ISO28_M_SPAN
22	1:C,1	I3792	WG1225360, WG1224866, ICAL15513	L1913816-01	537ISO28_M_SPAN
23	1:C,2	I3793	WG1225360, WG1224866, ICAL15513	L1913816-03	537ISO28_M_SPAN
24	1:C,3	I3794	WG1225360, WG1224866, ICAL15513	L1913816-05	537ISO28_M_SPAN
25	1:C,4	I3795	WG1225360, WG1224866, ICAL15513	L1913816-07	537ISO28_M_SPAN
26	1:C,5	I3796	WG1225360, WG1224866, ICAL15513	L1913816-08	537ISO28_M_SPAN
27	2:A,2	I3797	WG1225360, WG1224866, ICAL15513, 537ILOW	WG1225360-3, 537ILOW	537ISO28_M_SPAN
28	1:C,6	I3798	WG1225360, WG1224866, ICAL15513	L1914322-01	537ISO28_M_SPAN
29	1:C,7	I3799	WG1225360, WG1224866, ICAL15513	L1914322-02	537ISO28_M_SPAN
30	1:C,8	I3800	WG1225360, WG1224866, ICAL15513	L1914322-04	537ISO28_M_SPAN
31	1:D,1	I3801	WG1225360, WG1224866, ICAL15513	L1914322-05	537ISO28_M_SPAN
32	1:D,2	I3802	WG1225360, WG1224866, ICAL15513	L1914322-11	537ISO28_M_SPAN
33	1:D,3	I3803	WG1225360, WG1224866, ICAL15513	L1914322-12	537ISO28_M_SPAN
34	2:A,3	I3804	WG1225360, WG1224866, ICAL15513, 537IMED	WG1225360-4, 537IMED	537ISO28_M_SPAN
35	2:A,1	I3805	MeOH	Blank	537ISO28_M_SPAN
36	1:D,4	I3806	WG1225360, WG1224873, ICAL15513	WG1224873-1	537ISO28_M_SPAN
37	1:D,5	I3807	WG1225360, WG1224873, ICAL15513	WG1224873-2	537ISO28_M_SPAN
38	1:D,6	I3808	WG1225360, WG1224873, ICAL15513	WG1224873-3	537ISO28_M_SPAN
39	1:D,7	I3809	WG1225360, WG1224873, ICAL15513	WG1224873-4	537ISO28_M_SPAN
40	2:A,1	I3810	MeOH	Blank	537ISO28_M_SPAN
41	1:D,8	I3811	WG1225360, WG1224873, ICAL15513	L1914238-01	537ISO28_M_SPAN
42	1:E,1	I3812	WG1225360, WG1224873, ICAL15513	L1914238-02	537ISO28_M_SPAN
43	1:E,2	I3813	WG1225360, WG1224873, ICAL15513	WG1224873-5	537ISO28_M_SPAN
44	1:E,3	I3814	WG1225360, WG1224873, ICAL15513	L1914322-03	537ISO28_M_SPAN
45	1:E,4	I3815	WG1225360, WG1224873, ICAL15513	L1914322-06	537ISO28_M_SPAN
46	1:E,5	I3816	WG1225360, WG1224873, ICAL15513	L1914322-07	537ISO28_M_SPAN
47	1:E,6	I3817	WG1225360, WG1224873, ICAL15513	L1914322-08	537ISO28_M_SPAN
48	1:E,7	I3818	WG1225360, WG1224873, ICAL15513	L1914322-09	537ISO28_M_SPAN
49	1:E,8	I3819	WG1225360, WG1224873, ICAL15513	L1914322-10	537ISO28_M_SPAN
50	2:A,2	I3820	WG1225360, WG1224873, ICAL15513, 537ILOW	WG1225360-5, 537ILOW	537ISO28_M_SPAN
51	1:F,1	I3821	WG1225360, WG1225446, ICAL15513	WG1225446-1	537ISO28_M_SPAN
52	1:F,2	I3822	WG1225360, WG1225446, ICAL15513	WG1225446-4	537ISO28_M_SPAN
53	1:F,3	I3823	WG1225360, WG1225446, ICAL15513	WG1225446-5	537ISO28_M_SPAN
54	1:F,4	I3824	WG1225360, WG1225446, ICAL15513	WG1225446-6	537ISO28_M_SPAN
55	1:F,5	I3825	WG1225360, WG1225446, ICAL15513	WG1225446-7	537ISO28_M_SPAN
56	1:F,6	I3826	WG1225360, WG1225446, ICAL15513	WG1225446-8	537ISO28_M_SPAN
57	1:F,7	I3827	WG1225360, WG1225446, ICAL15513	WG1225446-9	537ISO28_M_SPAN
58	1:F,8	I3828	WG1225360, WG1225446, ICAL15513	WG1225446-10	537ISO28_M_SPAN
59	2:B,1	I3829	WG1225360, WG1225446, ICAL15513	WG1225446-11	537ISO28_M_SPAN
60	2:B,2	I3830	WG1225360, WG1225446, ICAL15513	L1913915-01	537ISO28_M_SPAN

MassLynx MassLynx V4.2 SCN977

Page 2 of 4

Page Position (2, 1)

Page Position (2, 1)

[illegible]

Sample List Report**MassLynx MassLynx V4.2 SCN977**

Sample List: C:\MassLynx\Data\2019\190411_537ISO.PRO\SampleDB\190411.SPL

Page 3 of 4

Last Modified: Thursday, April 11, 2019 16:15:20 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:33:05 Eastern Daylight Time

Page Position (1, 2)

	Bottle	File Name	File Text	Sample ID	MS File
61	2:B,3	I3831	WG1225360, WG1225446, ICAL15513	L1913915-02	537ISO28_M_SPAN
62	2:B,4	I3832	WG1225360, WG1225446, ICAL15513	L1913915-03	537ISO28_M_SPAN
63	2:B,5	I3833	WG1225360, WG1225446, ICAL15513	L1913915-07	537ISO28_M_SPAN
64	2:B,6	I3834	WG1225360, WG1225446, ICAL15513	L1913915-08	537ISO28_M_SPAN
65	2:B,7	I3835	WG1225360, WG1225446, ICAL15513	L1913915-09	537ISO28_M_SPAN
66	2:B,8	I3836	WG1225360, WG1225446, ICAL15513	L1913915-10	537ISO28_M_SPAN
67	2:C,1	I3837	WG1225360, WG1225446, ICAL15513	L1913915-12	537ISO28_M_SPAN
68	2:C,2	I3838	WG1225360, WG1225446, ICAL15513	WG1225446-2	537ISO28_M_SPAN
69	2:C,3	I3839	WG1225360, WG1225446, ICAL15513	WG1225446-3	537ISO28_M_SPAN
70	2:C,4	I3840	WG1225360, WG1225446, ICAL15513	WG1225446-12	537ISO28_M_SPAN
71	2:A,3	I3841	WG1225360, WG1225446, ICAL15513, 537IMED	WG1225360-6, 537IMED	537ISO28_M_SPAN
72	2:A,1	I3842	MeOH	Blank	537ISO28_M_SPAN
73	2:C,5	I3843	LOWLCSHECK190411	LOWLCSHECK190411	537ISO28_M_SPAN

Sample List Report**MassLynx MassLynx V4.2 SCN977**

Sample List: C:\MassLynx\Data\2019\190411_537ISO.PRO\SampleDB\190411.SPL

Page 4 of 4

Last Modified: Thursday, April 11, 2019 16:15:20 Eastern Daylight Time

Printed: Thursday, April 11, 2019 16:33:05 Eastern Daylight Time

Page Position (2, 2)

MS Tune File	Inlet File	Inject Volume	Sample Type	Conc A	User
181009_TUNE	LCMS_537_ISO_B	3.000	Analyte	---	LCMS02:JW
181009_TUNE	LCMS_537_ISO_B	3.000	Analyte	---	LCMS02:JW
181009_TUNE	LCMS_537_ISO_B	3.000	Analyte	---	LCMS02:JW
181009_TUNE	LCMS_537_ISO_B	3.000	Analyte	---	LCMS02:JW
181009_TUNE	LCMS_537_ISO_B	3.000	Analyte	---	LCMS02:JW
181009_TUNE	LCMS_537_ISO_B	3.000	Analyte	---	LCMS02:JW
181009_TUNE	LCMS_537_ISO_B	3.000	Analyte	---	LCMS02:JW
181009_TUNE	LCMS_537_ISO_B	3.000	QC	10	LCMS02:JW
181009_TUNE	LCMS_537_ISO_B	3.000	QC	10	LCMS02:JW
181009_TUNE	LCMS_537_ISO_B	3.000	QC	10	LCMS02:JW
181009_TUNE	LCMS_537_ISO_B	3.000	QC	10	LCMS02:JW
181009_TUNE	LCMS_537_ISO_B	3.000	Analyte	---	LCMS02:JW
181009_TUNE	LCMS_537_ISO_B	3.000	QC	0.5	LCMS02:JW



ORGANIC ELN REPORT

Workgroup: WG1224866

Prep Method: EPA 537(M) Solvent Type: Methanol Surrogate Type: NA Spike Type: 537 Spike Verify by: N/A Lims Spikelot: 537I Additional Reagents/Stdts <table><tr><td>1:1 Acetic Acid</td><td></td></tr><tr><td>1:1 Acetic Acid</td><td></td></tr><tr><td>2% NH4OH</td><td>EC040919A</td></tr><tr><td>25 mM NaOAc</td><td>EC040819B</td></tr><tr><td>Acetic Acid</td><td>2018032609</td></tr></table>	1:1 Acetic Acid		1:1 Acetic Acid		2% NH4OH	EC040919A	25 mM NaOAc	EC040819B	Acetic Acid	2018032609	Lot #: DV946-US Lot #: LC_537_ISO_SURRE_190404B Lot #: LCMS190207F	Conc.Method: N-EVAP Solvent Type: 80:20 Methanol/Wat Lot #: EC040519A Additional Reagents/Stdts <table><tr><td>IS</td><td>537_ISO_ISTD_190409</td></tr></table>	IS	537_ISO_ISTD_190409	Cleanup 1 Cleanup Method 1: Cleanup Method 2: Solvent Type: Lot #: Additional Reagents/Stdts
1:1 Acetic Acid															
1:1 Acetic Acid															
2% NH4OH	EC040919A														
25 mM NaOAc	EC040819B														
Acetic Acid	2018032609														
IS	537_ISO_ISTD_190409														

Sample/ Type	Extraction														Concentration				
	Extract Date	Analyst	Initial Sample Weight	Sample Weight g	Final Weight g	Sample Vol g	Balance Id	Surr Amt ml	Spike Amt ml	Pipette Id	Lot: Spe Cartridge	Flow Rate ml/min	Lot: Clnup Cartrid	Flow Rate 2 ml/min	Conc Date	Analyst	Final Vol ml	Conc Unit	Pipette Id
L1913542-01 SAMP	04/10/19 08:16	Tyler Russell	272	0	22	250	BAL-7	.02		WHG- 31, #239, #243	S308- 0088	4	11155 503	4	04/10/19 12:30	Daniel Robbins	1	NEVAP 65 3_5	WHG- 31_29
	1-4 HOSE 20																		
L1913542-02 SAMP	04/10/19 08:16	Tyler Russell	271	0	24	247	BAL-7	.02		WHG- 31, #239, #243	S308- 0088	4	11155 503	4	04/10/19 12:30	Daniel Robbins	1	NEVAP 65 3_5	WHG- 31_29
	1-5 HOSE 16																		
L1913542-03 SAMP	04/10/19 08:16	Tyler Russell	272	0	24	248	BAL-7	.02		WHG- 31, #239, #243	S308- 0088	4	11155 503	4	04/10/19 12:30	Daniel Robbins	1	NEVAP 65 3_5	WHG- 31_29
	1-6 HOSE 13																		
L1913542-04 SAMP	04/10/19 08:16	Tyler Russell	272	0	22	250	BAL-7	.02		WHG- 31, #239, #243	S308- 0088	4	11155 503	4	04/10/19 12:30	Daniel Robbins	1	NEVAP 65 3_5	WHG- 31_29
	4-1 HOSE 14																		
L1913741-01 WATER	04/10/19 08:16	Tyler Russell	280	0	25	255	BAL-7	.02		WHG- 31, #239, #243	S308- 0088	4	11155 503	4	04/10/19 12:30	Daniel Robbins	1	NEVAP 65 3_5	WHG- 31_29
	4-2 HOSE 7																		
L1913741-02 WATER	04/10/19 08:16	Tyler Russell	298	0	24	274	BAL-7	.02		WHG- 31, #239, #243	S308- 0088	4	11155 503	4	04/10/19 12:30	Daniel Robbins	1	NEVAP 65 3_5	WHG- 31_29
	4-3 HOSE 11																		



ORGANIC ELN REPORT

Workgroup: WG1224866

Sample/ Type	Extraction														Concentration				
	Extract Date	Analyst	Initial Sample Weight	Sample Weight g	Final Weight g	Sample Vol g	Balance Id	Surr Amt ml	Spike Amt ml	Pipette Id	Lot: Spe Cartridge	Flow Rate ml/min	Lot: Clnup Cartrid	Flow Rate 2 ml/min	Conc Date	Analyst	Final Vol ml	Conc Unit	Pipette Id
L1913741-03 WATER	04/10/19 08:16	Tyler Russell	303	0	24	279	BAL-7	.02		WHG- 31, #239, #243	S308- 0088	4	11155 503	4	04/10/19 12:30	Daniel Robbins	1	NEVAP 65 3_5	WHG- 31_29
	4-4 HOSE 33																		
L1913816-01 WATER	04/10/19 08:16	Tyler Russell	314	0	24	290	BAL-7	.02		WHG- 31, #239, #243	S308- 0088	4	11155 503	4	04/10/19 12:30	Daniel Robbins	1	NEVAP 65 3_5	WHG- 31_29
	4-5 HOSE 24																		
L1913816-03 WATER	04/10/19 08:16	Tyler Russell	270	0	23	247	BAL-7	.02		WHG- 31, #239, #243	S308- 0088	4	11155 503	4	04/10/19 12:30	Daniel Robbins	1	NEVAP 65 3_5	WHG- 31_29
	4-6 HOSE 17																		
L1913816-05 WATER	04/10/19 08:16	Tyler Russell	271	0	23	248	BAL-7	.02		WHG- 31, #239, #243	S308- 0088	4	11155 503	4	04/10/19 12:30	Daniel Robbins	1	NEVAP 65 3_5	WHG- 31_29
	5-3 HOSE 32																		
L1913816-07 WATER	04/10/19 08:16	Tyler Russell	273	0	24	249	BAL-7	.02		WHG- 31, #239, #243	S308- 0088	4	11155 503	4	04/10/19 12:30	Daniel Robbins	1	NEVAP 65 3_5	WHG- 31_29
	5-4 HOSE 18																		
L1913816-08 WATER	04/10/19 08:16	Tyler Russell	310	0	24	286	BAL-7	.02		WHG- 31, #239, #243	S308- 0088	4	11155 503	4	04/10/19 12:30	Daniel Robbins	1	NEVAP 65 3_5	WHG- 31_29
	5-5 HOSE 12																		
L1913843-03 WATER	04/10/19 08:16	Tyler Russell	276	0	26	250	BAL-7	.02		WHG- 31, #239, #243	S308- 0088	4	11155 503	4	04/10/19 12:30	Daniel Robbins	1	NEVAP 65 3_5	WHG- 31_29
	Spot/hose not recorded DR 4/10/19																		
L1914322-01 WATER	04/10/19 08:16	Tyler Russell	298	0	24	274	BAL-7	.02		WHG- 31, #239, #243	S308- 0088	4	11155 503	4	04/10/19 12:30	Daniel Robbins	1	NEVAP 65 3_5	WHG- 31_29
	5-6 HOSE 26																		
L1914322-02 WATER	04/10/19 08:16	Tyler Russell	50	0	0	50	BAL-7	.02		WHG- 31, #239, #243	S308- 0088	4	11155 503	4	04/10/19 12:30	Daniel Robbins	1	NEVAP 65 3_5	WHG- 31_29
	Diluted to 250 mL with DI H2O. Spot/hose not recorded DR 4/10/19																		
L1914322-04 WATER	04/10/19 08:16	Tyler Russell	250	0	24	226	BAL-7	.02		WHG- 31, #239, #243	S308- 0088	4	11155 503	4	04/10/19 12:30	Daniel Robbins	1	NEVAP 65 3_5	WHG- 31_29
	Spot/hose not recorded DR 4/10/19																		

ORGANIC ELN REPORT

Workgroup: WG1224866

Sample/ Type	Extraction														Concentration				
	Extract Date	Analyst	Initial Sample Weight	Sample Weight g	Final Weight g	Sample Vol g	Balance Id	Surr Amt ml	Spike Amt ml	Pipette Id	Lot: Spe Cartridge	Flow Rate ml/min	Lot: Clnup Cartrid	Flow Rate 2 ml/min	Conc Date	Analyst	Final Vol ml	Conc Unit	Pipette Id
L1914322-05 WATER	04/10/19 08:16	Tyler Russell	213	0	23	190	BAL-7	.02		WHG-31, #239, #243	S308-0088	4	11155 503	4	04/10/19 12:30	Daniel Robbins	1	NEVAP 65 3_5	WHG-31_29
Spot/hose not recorded DR 4/10/19																			
L1914322-11 WATER	04/10/19 08:16	Tyler Russell	307	0	24	283	BAL-7	.02		WHG-31, #239, #243	S308-0088	4	11155 503	4	04/10/19 12:30	Daniel Robbins	1	NEVAP 65 3_5	WHG-31_29
Spot/hose not recorded DR 4/10/19																			
L1914322-12 WATER	04/10/19 08:16	Tyler Russell	308	0	24	284	BAL-7	.02		WHG-31, #239, #243	S308-0088	4	11155 503	4	04/10/19 12:30	Daniel Robbins	1	NEVAP 65 3_5	WHG-31_29
Spot/hose not recorded DR 4/10/19																			
WG1224866-1 BLANK	04/10/19 08:16	Tyler Russell	275	0	25	250	BAL-7	.02		WHG-31, #239, #243	S308-0088	4	11155 503	4	04/10/19 12:30	Daniel Robbins	1	NEVAP 65 3_5	WHG-31_29
1-1 HOSE 29																			
WG1224866-2 LCS	04/10/19 08:16	Tyler Russell	275	0	25	250	BAL-7	.02	.01	WHG-31, #239, #243	S308-0088	4	11155 503	4	04/10/19 12:30	Daniel Robbins	1	NEVAP 65 3_5	WHG-31_29
1-2 HOSE 4. Added 20 uL of LCS ADD ON with lot number: LC_537_LCS_190315B.																			
WG1224866-3 LCSD	04/10/19 08:16	Tyler Russell	275	0	25	250	BAL-7	.02	.01	WHG-31, #239, #243	S308-0088	4	11155 503	4	04/10/19 12:30	Daniel Robbins	1	NEVAP 65 3_5	WHG-31_29
1-3 HOSE 2. Added 20 uL of LCS ADD ON with lot number: LC_537_LCS_190315B.																			
WG1224866-4 MS	04/10/19 08:16	Tyler Russell	270	0	22	248	BAL-7	.02	.01	WHG-31, #239, #243	S308-0088	4	11155 503	4	04/10/19 12:30	Daniel Robbins	1	NEVAP 65 3_5	WHG-31_29
5-1 HOSE 19. Added 20 uL of LCS ADD ON with lot number: LC_537_LCS_190315B.																			
WG1224866-5 MSD	04/10/19 08:16	Tyler Russell	279	0	22	257	BAL-7	.02	.01	WHG-31, #239, #243	S308-0088	4	11155 503	4	04/10/19 12:30	Daniel Robbins	1	NEVAP 65 3_5	WHG-31_29
5-2 HOSE 15. Added 20 uL of LCS ADD ON with lot number: LC_537_LCS_190315B.																			



APPENDIX 3

Data Usability Summary Report (DUSR)

DATA USABILITY SUMMARY REPORT

for

LABELLA ASSOCIATES, P.C.

300 State Street

Rochester, NY 14614

ELDRE CORP SITE
Project 212721
Aqueous Samples
SDG: L1913816
Sampled 4/03,2019

PERFLUORINATED HYDROCARBONS
SEMIVOLATILE ORGANICS - SIM

MW-15	04-03-2019	(L1913816-1)
MW-15	04-03-2019	(L1913816-2)
MW-16	04-03-2019	(L1913816-3)
MW-16	04-03-2019	(L1913816-4)
MW-19	04-03-2019	(L1913816-5)
MW-19	04-03-2019	(L1913816-6)
BLIND DUPLICATE		(L1913816-7)
ERB-01		(L1913816-8)

DATA ASSESSMENT

An ASP Category B data package containing analytical results for eight aqueous samples was received from Labella Associates, P.C. on 17Apr19. The deliverables package included formal reports, raw data, the necessary QC, and supporting information. The samples, taken from the Eldre Corp Site, were identified by Chain of Custody documents and traceable through the work of Alpha Analytical, the laboratory contracted for analysis. Analyses, performed according to SW-846 Method 537 (modified) and 8270-SIM, addressed determinations of 1,4-dioxane and perfluorinated hydrocarbons. Laboratory data was evaluated according to the quality assurance / quality control requirements of the New York State Department of Environmental Conservation's Analytical Services Protocol (ASP), September 1989, Rev. 07/2005 and the cited methods. When the required protocols were not followed, the current EPA Region II Functional Guidelines (SOP HW-35, Rev.#2, March 2013, Semivolatile Data Validation) was used as a technical reference.

The perfluorooctanesulfonic acid and perfluorohexanesulfonic acid results from this group of samples have been qualified as estimations due to poor calibration performance.

The perfluorooctanesulfonamide result from MW-19 04-03-2019 has been qualified as an estimation due to a low surrogate standard recovery.

CORRECTNESS AND USABILITY

Reported data should be considered technically defensible and completely usable in its present form. Results presenting a usable estimation of the conditions at the time of sampling have been flagged "UJ". Estimated data should be used with caution. A detailed discussion of the review process follows.

Two facts should be considered by all data users. No compound concentration, even if it has passed strict QC testing, can be guaranteed to be accurate. Strict QC serves to increase confidence in data, but any value potentially contains error. Secondly, DATAVAL, Inc. guarantees the quality of this data assessment. However, DATAVAL, Inc. does not warrant any interpretation or utilization of this data by a third party.

Reviewer's signature:


James B. Baldwin
DATAVAL Inc.

Date: 02 May 19

SAMPLE HISTORY

Analyte concentrations can deteriorate with time due to chemical instability, bacterial degradation or volatility. Samples that are not properly preserved or are not analyzed within established holding times may no longer be considered representative. Holding times are calculated from the time of sample collection. Samples must remain chilled to $4\pm 2^{\circ}\text{C}$ between the time of collection and the time of analysis. Acid preserved VOC samples must be analyzed within 14 days, unpreserved VOC samples within 7 days. The holding time for VOC soils is 14 days. Aqueous semivolatile organics, pesticide and PCB samples must be extracted within seven days of collection. Soils must be extracted within 14 days. The extracts must then be analyzed within forty days of extraction. All PFAS samples must be extracted within 14 days of collection and analyzed within 28 days of extraction. The holding times for cyanide and mercury samples are 14 and 28 days, respectively. Metals samples must be analyzed within six months.

This delivery group contained eight aqueous samples that were collected from the Eldre Corp Site on 03Apr19. The samples were transferred to a laboratory courier and delivered to the laboratory on 05Apr19. At the time of receipt the cooler of samples was found to be intact and packed with ice. Cooler temperatures of 5.4°C and 2.2°C were recorded at the time of receipt. Custody seals were not found on the sample cooler.

PFAS ORGANICS

This group of aqueous PFAS samples was extracted on 10Apr19 and the extracts were analyzed on 11Apr19. The Method 537 (modified) holding time limitations were satisfied.

Blanks

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank.

One method blank was analyzed with this group of PFAS samples. This blank demonstrated acceptable chromatography and was free of targeted analyte contamination.

Calibrations

Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration check standards verify instrument stability.

The initial instrument calibrations for PFAS were performed on 14Feb19. Standards of 0.5, 1.0, 5.0, 10, 50, 125, 150, 250 and 500 ng/ml were included. With the exception of PFOS, each

targeted analyte produced the required levels of instrument response and demonstrated an acceptable degree of linearity during these calibrations. The low level PFOS standard, however, produced a low response that equated to a 68% recovery. The negative PFOS results from this project have been qualified as estimations based on this indication of negative bias.

Calibration check standards were analyzed on 11Apr19 at 09:41, 14:37 and 16:33. Of these, only the checks at 14:37 and 16:33 bracketed samples from this program. The recoveries reported from these checks included a low result for Br-PFHxS. The PFHxS results from this project have been qualified as estimations based on this performance. The remaining targeted analytes demonstrated an acceptable level of instrument stability during these calibration checks.

Surrogates (Isotope Dilution Analytes - IDA)

Each sample, blank and standard is spiked with IDA compounds prior to extraction and analysis. Each analyte response is then compared to an isotopically labeled version of the same compound. This technique allows for corrections of bias that might be related to the sample matrix or sample preparation activities. Each IDA must produced a specified level of response.

Surrogate (IDA) Summary Sheets were properly prepared, based on the laboratory's statistical acceptance criteria. When compared to these requirements, a low recovery was reported for the M8FOSA addition to MW-19 04-03-2019. The FOSA result from MW-19 04-03-2019 has been qualified as an estimation based on this performance.

Matrix Spikes

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

MW-16 04-03-2019 was selected for matrix spiking. The entire list of targeted analytes was added to two portions of this sample. The recoveries reported for these spikes demonstrated acceptable levels of measurement precision and accuracy.

A pair of spiked blanks (LCS/LCSD) was also analyzed with this group of samples. These LCS samples also produced acceptable recoveries.

Duplicates

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. The results produced by the analysis of this pair of samples are compared as a measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

The Blind Duplicate sample that was included in this delivery group was not identified. It is noted that the previously addressed spiked samples demonstrated an acceptable level of measurement precision.

SEMIVOLATILE ORGANICS by SIM

This group of samples was extracted for SVOC-SIM analysis on 09Apr19 and the extracts were analyzed on 11Apr19. The SW-846 holding time limitations were satisfied.

Blanks

Blanks are analyzed to evaluate various sources of sample contamination. Field blanks monitor sampling activities. Method blanks are analyzed to verify instrument integrity. Samples are considered compromised by conditions causing contamination in any blank.

One method blank was analyzed with this group of samples. This blank produced acceptable chromatography and was free of targeted analyte contamination.

MS Tuning

Mass spectrometer tuning and performance criteria are established to ensure sufficient mass resolution and sensitivity to accurately detect and identify targeted analytes. Verification is accomplished using a certified standard.

An Instrument Performance Check Standard of DFTPP was analyzed prior to each analytical sequence that included samples from this program. An Instrument Performance Check Form is present for each DFTPP evaluation. Each of these checks satisfied the ASP acceptance criteria.

It is noted that a high relative abundance was reported for $m/e=275$ during both DFTPP tunes. However, this performance had no impact on reported data because only SIM abundances between $m/e=43$ and $m/e=88$ are monitored to detect 1,4-dioxane.

Calibration

Requirements for instrument calibration are established to ensure that laboratory equipment is capable of producing accurate, quantitative data. Initial calibrations demonstrate a range through which measurements may be made. Continuing calibration check standards verify instrument stability.

The initial instrument calibration for SVOC-SIM was performed on 22Mar19. Standards of 10, 50, 100, 500, 1000, 5000 and 10000 ng/ml were included. 1,4-Dioxane produced the required levels of instrument response and demonstrated an acceptable degree of linearity during this calibration.

A calibration verification was performed on 11Apr19, prior to the 12-hour period of instrument operation that included samples from this program. When compared to the initial calibration, this check demonstrated an acceptable level of instrument stability.

Surrogates

Each sample, blank and standard is spiked with surrogate compounds prior to analysis. The structures of surrogates are similar to analytes of interest, but they are not normally found in environmental samples. Surrogate recoveries are monitored to evaluate overall laboratory performance and the efficiency of laboratory technique.

Surrogate Summary Sheets were properly prepared, based on the laboratory's in-house acceptance criteria. When compared to this requirement, an acceptable recovery was reported for each surrogate addition to this group of samples.

Internal Standards

Internal standards are added to each sample, blank and standard just prior to injection. Analyte concentrations are calculated relative to the response of a specific internal standard. Internal standard performance criteria ensure that GC/MS sensitivity and response are stable during the analysis of each sample. The area of internal standard peaks may not vary by more than a factor of two. When compared to the preceding calibration check, retention times may not vary by more than 30 seconds.

The laboratory correctly calculated control limits for internal standard response and retention times. When compared to these limits, acceptable performance was indicated for the internal standard additions to each program sample.

Matrix Spikes

Matrix spiking refers to the addition of known analyte concentrations to a sample, prior to analysis. Analyte recoveries provide an indication of laboratory accuracy. The analysis of a duplicate spiked aliquot provides a measurement of precision.

MW-16 04-03-2019 was selected for matrix spiking. 1,4-Dioxane was added to two portions of this sample. The recoveries reported for these spikes demonstrated acceptable levels of measurement precision and accuracy.

One pair of spiked blanks (LCS/LCSD) was extracted and analyzed with this group of samples. These LCS samples also produced acceptable 1,4-dioxane recoveries.

Duplicates

Two aliquots of the same sample are processed separately through all aspects of sample preparation and analysis. The results produced by the analysis of this pair of samples are compared as a

measurement of precision. Poor precision may be indicative of sample non-homogeneity, method defects, or poor laboratory technique.

The field split duplicate sample that was included in this delivery group was not identified.

Sample Information

Formal reports were provided for each sample. The data package also included selected ion chromatograms and raw instrument printouts. Reference mass spectra were provided to confirm the identification of each analyte that was detected in this group of samples. Tentatively Identified Compounds (TIC) were not reported.

SUMMARY OF QUALIFIED DATA

ELDRE CORP SITE

SAMPLED: April 3, 2019

		CALIBRATE PFOS	CALIBRATE PFHxS	SURROGATE FOSA
MW-15	04-03-2019	(L1913816-1)	1.72UJ	
MW-15	04-03-2019	(L1913816-2)		
MW-16	04-03-2019	(L1913816-3)	2.02UJ	
MW-16	04-03-2019	(L1913816-4)		
MW-19	04-03-2019	(L1913816-5)	2.02UJ	2.02UJ
MW-19	04-03-2019	(L1913816-6)		
BLIND DUPLICATE		(L1913816-7)	2.01UJ	
ERB-01		(L1913816-8)	1.75UJ	

PFOS = perfluorooctanesulfonic acid

PFHxS = perfluorohexanesulfonic acid

FOSA = perfluorooctanesulfonamide

Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : LaBella Associates, P.C.
 Project Name : ELDRE CORP.-EMERGING CONTAM
 Lab ID : L1913816-01
 Client ID : MW-15 04-03-2019
 Sample Location : HENRIETTA, NY
 Sample Matrix : WATER
 Analytical Method : 122,537(M)
 Lab File ID : I3792
 Sample Amount : 290 g
 Extraction Method : EPA 537(M)
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L1913816
 Project Number : 212721.01
 Date Collected : 04/03/19 16:42
 Date Received : 04/05/19
 Date Analyzed : 04/11/19 15:10
 Date Extracted : 04/10/19
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	0.817	1.72	0.322	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.72	0.400	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.72	0.328	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.72	0.424	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.72	0.321	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.72	0.376	U
335-67-1	Perfluorooctanoic Acid (PFOA)	2.67	1.72	0.396	
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	1.72	0.167	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.72	0.448	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.72	0.376	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.72	0.483	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.72	0.534	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.72	0.251	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	1.31	1.72	0.216	J
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.72	0.366	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.72	0.333	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.72	0.479	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	1.96	1.72	0.321	

MS



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L1913816
Project Name	: ELDRE CORP.-EMERGING CONTAM	Project Number	: 212721.01
Lab ID	: L1913816-01	Date Collected	: 04/03/19 16:42
Client ID	: MW-15 04-03-2019	Date Received	: 04/05/19
Sample Location	: HENRIETTA, NY	Date Analyzed	: 04/11/19 15:10
Sample Matrix	: WATER	Date Extracted	: 04/10/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I3792	Analyst	: JW
Sample Amount	: 290 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537(M)	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.72	0.510	U
72629-94-8	Perfluorotridecanoic Acid (PFTTrDA)	ND	1.72	0.271	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.72	0.852	U
NONE	PFOA/PFOS, Total	2.67	1.72	0.396	

[Handwritten signature]



Results Summary Form 1 Perfluorinated Alkyl Acids by Isotope Dilution

Client : LaBella Associates, P.C.
Project Name : ELDRE CORP.-EMERGING CONTAM
Lab ID : L1913816-03
Client ID : MW-16 04-03-2019
Sample Location : HENRIETTA, NY
Sample Matrix : WATER
Analytical Method : 122,537(M)
Lab File ID : I3793
Sample Amount : 247 g
Extraction Method : EPA 537(M)
Extract Volume : 1000 uL
GPC Cleanup : N

Lab Number : L1913816
Project Number : 212721.01
Date Collected : 04/03/19 14:40
Date Received : 04/05/19
Date Analyzed : 04/11/19 15:26
Date Extracted : 04/10/19
Dilution Factor : 1
Analyst : JW
Instrument ID : LCMS02
GC Column : Acquity UPLC BEH C18
%Solids : N/A
Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	1.74	2.02	0.378	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	2.02	0.470	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	2.02	0.385	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	2.02	0.498	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	2.02	0.376	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	2.02	0.441	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	2.02	0.466	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	2.02	0.196	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	2.02	0.526	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	2.02	0.441	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	2.02	0.567	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	2.02	0.628	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	2.02	0.294	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	2.02	0.253	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	2.02	0.429	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	2.02	0.391	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	2.02	0.563	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	2.02	0.377	U

Handwritten signature



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : LaBella Associates, P.C.
 Project Name : ELDRE CORP.-EMERGING CONTAM
 Lab ID : L1913816-03
 Client ID : MW-16 04-03-2019
 Sample Location : HENRIETTA, NY
 Sample Matrix : WATER
 Analytical Method : 122,537(M)
 Lab File ID : I3793
 Sample Amount : 247 g
 Extraction Method : EPA 537(M)
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L1913816
 Project Number : 212721.01
 Date Collected : 04/03/19 14:40
 Date Received : 04/05/19
 Date Analyzed : 04/11/19 15:26
 Date Extracted : 04/10/19
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	2.02	0.599	U
72629-94-8	Perfluorotridecanoic Acid (PFTTrDA)	ND	2.02	0.318	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	2.02	1.00	U
NONE	PFOA/PFOS, Total	ND	2.02	0.466	U

JWS



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : LaBella Associates, P.C.
 Project Name : ELDRE CORP.-EMERGING CONTAM
 Lab ID : L1913816-05
 Client ID : MW-19 04-03-2019
 Sample Location : HENRIETTA, NY
 Sample Matrix : WATER
 Analytical Method : 122,537(M)
 Lab File ID : I3794
 Sample Amount : 248 g
 Extraction Method : EPA 537(M)
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L1913816
 Project Number : 212721.01
 Date Collected : 04/03/19 11:15
 Date Received : 04/05/19
 Date Analyzed : 04/11/19 15:43
 Date Extracted : 04/10/19
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	0.835	2.02	0.376	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	2.02	0.468	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	2.02	0.383	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	2.02	0.496	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	2.02	0.375	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND UJ	2.02	0.440	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	2.02	0.464	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	2.02	0.196	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	2.02	0.524	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	2.02	0.440	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND UJ	2.02	0.564	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	2.02	0.625	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	2.02	0.293	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	2.02	0.252	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	2.02	0.427	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	2.02	0.389	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND UJ	2.02	0.560	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	2.02	0.376	U

11/19



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : LaBella Associates, P.C.
 Project Name : ELDRE CORP.-EMERGING CONTAM
 Lab ID : L1913816-05
 Client ID : MW-19 04-03-2019
 Sample Location : HENRIETTA, NY
 Sample Matrix : WATER
 Analytical Method : 122,537(M)
 Lab File ID : I3794
 Sample Amount : 248 g
 Extraction Method : EPA 537(M)
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L1913816
 Project Number : 212721.01
 Date Collected : 04/03/19 11:15
 Date Received : 04/05/19
 Date Analyzed : 04/11/19 15:43
 Date Extracted : 04/10/19
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	2.02	0.597	U
72629-94-8	Perfluorotridecanoic Acid (PFTTrDA)	ND	2.02	0.316	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	2.02	0.996	U
NONE	PFOA/PFOS, Total	ND	2.02	0.464	U

JW



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : LaBella Associates, P.C.
 Project Name : ELDRE CORP.-EMERGING CONTAM
 Lab ID : L1913816-07
 Client ID : BLIND DUPLICATE
 Sample Location : HENRIETTA, NY
 Sample Matrix : WATER
 Analytical Method : 122,537(M)
 Lab File ID : I3795
 Sample Amount : 249 g
 Extraction Method : EPA 537(M)
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L1913816
 Project Number : 212721.01
 Date Collected : 04/03/19 00:00
 Date Received : 04/05/19
 Date Analyzed : 04/11/19 15:59
 Date Extracted : 04/10/19
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	1.08	2.01	0.375	J
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	2.01	0.466	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	2.01	0.382	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	2.01	0.494	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	2.01	0.373	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	2.01	0.438	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	2.01	0.462	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.03	2.01	0.195	J
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	2.01	0.522	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	2.01	0.438	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	2.01	0.562	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	2.01	0.622	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	2.01	0.292	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	2.01	0.251	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	2.01	0.426	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	2.01	0.388	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	2.01	0.558	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	2.01	0.374	U

JW



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L1913816
Project Name	: ELDRE CORP.-EMERGING CONTAM	Project Number	: 212721.01
Lab ID	: L1913816-07	Date Collected	: 04/03/19 00:00
Client ID	: BLIND DUPLICATE	Date Received	: 04/05/19
Sample Location	: HENRIETTA, NY	Date Analyzed	: 04/11/19 15:59
Sample Matrix	: WATER	Date Extracted	: 04/10/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I3795	Analyst	: JW
Sample Amount	: 249 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537(M)	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	2.01	0.594	U
72629-94-8	Perfluorotridecanoic Acid (PFTTrDA)	ND	2.01	0.315	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	2.01	0.992	U
NONE	PFOA/PFOS, Total	ND	2.01	0.462	U

JMS



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client : LaBella Associates, P.C.
 Project Name : ELDRE CORP.-EMERGING CONTAM
 Lab ID : L1913816-08
 Client ID : ERB-01
 Sample Location : HENRIETTA, NY
 Sample Matrix : WATER
 Analytical Method : 122,537(M)
 Lab File ID : I3796
 Sample Amount : 286 g
 Extraction Method : EPA 537(M)
 Extract Volume : 1000 uL
 GPC Cleanup : N

Lab Number : L1913816
 Project Number : 212721.01
 Date Collected : 04/03/19 11:30
 Date Received : 04/05/19
 Date Analyzed : 04/11/19 16:16
 Date Extracted : 04/10/19
 Dilution Factor : 1
 Analyst : JW
 Instrument ID : LCMS02
 GC Column : Acquity UPLC BEH C18
 %Solids : N/A
 Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	ND	1.75	0.326	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	1.75	0.406	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	1.75	0.332	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	1.75	0.430	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	1.75	0.325	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	1.75	0.381	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	1.75	0.402	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	9.32	1.75	0.170	
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	1.75	0.454	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	1.75	0.381	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	1.75	0.490	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	1.75	0.542	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	1.75	0.254	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	1.75	0.219	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	1.75	0.371	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	1.75	0.337	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	1.75	0.486	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	1.75	0.326	U

JW



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L1913816
Project Name	: ELDRE CORP.-EMERGING CONTAM	Project Number	: 212721.01
Lab ID	: L1913816-08	Date Collected	: 04/03/19 11:30
Client ID	: ERB-01	Date Received	: 04/05/19
Sample Location	: HENRIETTA, NY	Date Analyzed	: 04/11/19 16:16
Sample Matrix	: WATER	Date Extracted	: 04/10/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I3796	Analyst	: JW
Sample Amount	: 286 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537(M)	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND	1.75	0.517	U
72629-94-8	Perfluorotridecanoic Acid (PFTTrDA)	ND	1.75	0.274	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	1.75	0.864	U
NONE	PFOA/PFOS, Total	ND	1.75	0.402	U

Handwritten signature



Surrogate (Extracted Internal Standard) Recovery Summary

Form 2

Semivolatiles

Client: LaBella Associates, P.C.
Project Name: ELDRE CORP.-EMERGING CONTAM

Lab Number: L1913816
Project Number: 212721.01
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 ()	S2 ()	S3 ()	S4 ()	S5 ()	S6 ()	S7 ()
MW-15 04-03-2019 (L1913816-01)	92 ✓	111 ✓	103 ✓	96 ✓	92 ✓	107 ✓	94 ✓
MW-16 04-03-2019 (L1913816-03)	91	114	102	99	89	108	97
MW-19 04-03-2019 (L1913816-05)	80	112	94	83	79	96	84
BLIND DUPLICATE (L1913816-07)	85	122	103	87	86	97	89
ERB-01 (L1913816-08)	71	93	83	71	78	91	86
WG1224866-1BLANK	97	96	100	100	97	92	95
WG1224866-2LCS	96	101	103	93	92	101	93
WG1224866-3LCSD	100	105	103	99	98	103	98
MW-16 04-03-2019MS	91	106	105	96	85	101	95
MW-16 04-03-2019MSD	89	105	102	94	86	106	93

QC LIMITS

- (2-156) S1 = PERFLUORO[13C4]BUTANOIC ACID (MPFBA)
- (16-173) S2 = PERFLUORO[13C5]PENTANOIC ACID (M5PFPEA)
- (31-159) S3 = PERFLUORO[2,3,4-13C3]BUTANESULFONIC ACID (M3PFBS)
- (21-145) S4 = PERFLUORO[1,2,3,4,6-13C5]HEXANOIC ACID (M5PFHXA)
- (30-139) S5 = PERFLUORO[1,2,3,4-13C4]HEPTANOIC ACID (M4PFHPA)
- (47-153) S6 = PERFLUORO[1,2,3-13C3]HEXANESULFONIC ACID (M3PFHXS)
- (47-153) S7 = PERFLUORO[13C8]OCTANOIC ACID (M8PFOA)

* Values outside of QC limits

FORM II A2-NY-537-ISOTOPE



Surrogate (Extracted Internal Standard) Recovery Summary

Form 2

Semivolatiles

Client: LaBella Associates, P.C.
Project Name: ELDRE CORP.-EMERGING CONTAM

Lab Number: L1913816
Project Number: 212721.01
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S8 ()	S9 ()	S10 ()	S11 ()	S12 ()	S13 ()	S14 ()
MW-15 04-03-2019 (L1913816-01)	81 ✓	100 ✓	100 ✓	90 ✓	90 ✓	64 ✓	94 ✓
MW-16 04-03-2019 (L1913816-03)	69	94	90	78	72	65	82
MW-19 04-03-2019 (L1913816-05)	67	85	87	81	69	55	85
BLIND DUPLICATE (L1913816-07)	69	92	94	86	67	58	89
ERB-01 (L1913816-08)	57	92	84	81	61	50	82
WG1224866-1BLANK	84	98	92	89	96	74	93
WG1224866-2LCS	75	96	99	90	91	71	93
WG1224866-3LCSD	83	103	98	97	97	75	97
MW-16 04-03-2019MS	84	92	94	82	93	64	83
MW-16 04-03-2019MSD	80	93	95	81	87	64	85

QC LIMITS

- (1-244) S8 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]OCTANESULFONIC ACID (M2-6:2FTS)
 (34-146) S9 = PERFLUORO[13C9]NONANOIC ACID (M9PFNA)
 (42-146) S10 = PERFLUORO[13C8]OCTANESULFONIC ACID (M8PFOS)
 (38-144) S11 = PERFLUORO[1,2,3,4,5,6-13C6]DECANOIC ACID (M6PFDA)
 (7-170) S12 = 1H,1H,2H,2H-PERFLUORO[1,2-13C2]DECANESULFONIC ACID (M2-8:2FTS)
 (1-181) S13 = N-DEUTERIOMETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D3-NMEFOSAA)
 (1-181) S14 = PERFLUORO[1,2,3,4,5,6,7-13C7]UNDECANOIC ACID (M7-PFUDA)

* Values outside of QC limits

FORM II A2-NY-537-ISOTOPE (Continued)



Surrogate (Extracted Internal Standard) Recovery Summary

Form 2

Semivolatiles

Client: LaBella Associates, P.C.
Project Name: ELDRE CORP.-EMERGING CONTAM

Lab Number: L1913816
Project Number: 212721.01
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S15 ()	S16 ()	S17 ()	S18 ()	S19 ()	S20 ()	S21 ()	TOT OUT
MW-15 04-03-2019 (L1913816-01)	34	63 ✓	83 ✓	87 ✓	--	--	--	0
MW-16 04-03-2019 (L1913816-03)	33	66	80	86	--	--	--	0
MW-19 04-03-2019 (L1913816-05)	24	53	77	80	--	--	--	0
BLIND DUPLICATE (L1913816-07)	44	62	81	85	--	--	--	0
ERB-01 (L1913816-08)	26	49	74	81	--	--	--	0
WG1224866-1BLANK	56	77	83	98	--	--	--	0
WG1224866-2LCS	52	72	87	94	--	--	--	0
WG1224866-3LCS	45	77	90	96	--	--	--	0
MW-16 04-03-2019MS	39	66	82	87	--	--	--	0
MW-16 04-03-2019MSD	33	66	85	88	--	--	--	0

QC LIMITS

- 25 (#87) S15 = PERFLUORO[13C8]OCTANESULFONAMIDE (M8FOSA)
 (23-146) S16 = N-DEUTERIOETHYLPERFLUORO-1-OCTANESULFONAMIDOACETIC ACID (D5-NETFOSAA)
 (24-161) S17 = PERFLUORO[1,2-13C2]DODECANOIC ACID (MPFDOA)
 (33-143) S18 = PERFLUORO[1,2-13C2]TETRADECANOIC ACID (M2PFTEDA)

* Values outside of QC limits

FORM II A2-NY-537-ISOTOPE (Continued)



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : LaBella Associates, P.C. Lab Number : L1913816
 Project Name : ELDRE CORP.-EMERGING CONTAM Project Number : 212721.01
 Matrix : WATER
 LCS Sample ID : WG1224866-2 Analysis Date : 04/11/19 13:30 File ID : I3786
 LCSD Sample ID : WG1224866-3 Analysis Date : 04/11/19 13:47 File ID : I3787

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ng/l)	Found (ng/l)	%R	True (ng/l)	Found (ng/l)	%R			
Perfluorobutanoic Acid (PFBA)	40	44.5	111 ✓	40	44.6	112 ✓	1	67-148	30
Perfluoropentanoic Acid (PFPeA)	40	42.0	105	40	41.9	105	0	63-161	30
Perfluorobutanesulfonic Acid (PFBS)	40	38.9	97	40	39.4	98	1	65-157	30
Perfluorohexanoic Acid (PFHxA)	40	44.5	111	40	44.7	112	1	69-168	30
Perfluoroheptanoic Acid (PFHpA)	40	40.0	100	40	40.7	102	2	58-159	30
Perfluorohexanesulfonic Acid (PFHxS)	40	42.2	105	40	41.6	104	1	69-177	30
Perfluorooctanoic Acid (PFOA)	40	40.9	102	40	41.2	103	1	63-159	30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	40	45.5	114	40	44.2	110	4	49-187	30
Perfluoroheptanesulfonic Acid (PFHpS)	40	40.6	102	40	44.1	110	8	61-179	30
Perfluorononanoic Acid (PFNA)	40	43.8	109	40	44.1	110	1	68-171	30
Perfluorooctanesulfonic Acid (PFOS)	40	34.2	85	40	37.0	92	8	52-151	30
Perfluorodecanoic Acid (PFDA)	40	42.4	106	40	42.1	105	1	63-171	30
1H,1H,2H,2H-Perfluorodecane sulfonic Acid (8:2FTS)	40	45.6	114	40	48.8	122	7	56-173	30



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : LaBella Associates, P.C. Lab Number : L1913816
 Project Name : ELDRE CORP.-EMERGING CONTAM Project Number : 212721.01
 Matrix : WATER
 LCS Sample ID : WG1224866-2 Analysis Date : 04/11/19 13:30 File ID : I3786
 LCSD Sample ID : WG1224866-3 Analysis Date : 04/11/19 13:47 File ID : I3787

Parameter	Laboratory Control Sample			Laboratory Control Duplicate			RPD	Recovery Limits	RPD Limit
	True (ng/l)	Found (ng/l)	%R	True (ng/l)	Found (ng/l)	%R			
N-Methyl Perfluorooctanesulfonamide	40	41.2	103 ✓	40	45.7	114 ✓	10	60-166	30
doacetic Acid (NMeFOSAA)									
Perfluoroundecanoic Acid (PFUnA)	40	41.5	104	40	41.3	103	1	60-153	30
Perfluorodecanesulfonic Acid	40	46.2	115	40	47.2	118	3	38-156	30
(PFDS)									
Perfluorooctanesulfonamide (FOSA)	40	38.9	97	40	37.0	93	4	46-170	30
N-Ethyl Perfluorooctanesulfonamide	40	43.6	109	40	43.0	107	2	45-170	30
doacetic Acid (NEtFOSAA)									
Perfluorododecanoic Acid (PFDoA)	40	40.9	102	40	41.1	103	1	67-153	30
Perfluorotridecanoic Acid	40	37.5	94	40	38.8	97	3	48-158	30
(PFTTrDA)									
Perfluorotetradecanoic Acid	40	44.2	110	40	45.3	113	3	59-182	30
(PFTA)									



Matrix Spike Sample Summary

Form 3

Semivolatiles

Client : LaBella Associates, P.C.
 Project Name : ELDRE CORP.-EMERGING CONTAM
 Client Sample ID : MW-16 04-03-2019
 Lab Sample ID : L1913816-03
 Matrix Spike : WG1224866-4
 Matrix Spike Dup : WG1224866-5

Lab Number : L1913816
 Project Number : 212721.01
 Matrix : WATER
 Analysis Date : 04/11/19 15:26
 MS Analysis Date : 04/11/19 14:03
 MSD Analysis Date : 04/11/19 14:20

Parameter	Sample Conc. (ng/l)	Matrix Spike Added (ng/l)	Sample Spike Conc. (ng/l)	%R	Matrix Spike Added (ng/l)	Matrix Spike Duplicate Spike Conc. (ng/l)	%R	RPD	Recovery Limits	RPD Limit
Perfluorobutanoic Acid (PFBA)	1.74J	40.3	43.1	107 ✓	38.9	45.9	118 ✓	6	67-148	30
Perfluoropentanoic Acid (PFPeA)	ND	40.3	38.5	96	38.9	41.8	107	8	63-161	30
Perfluorobutanesulfonic Acid (PFBS)	ND	40.3	36.2	90	38.9	39.4	101	8	65-157	30
Perfluorohexanoic Acid (PFHxA)	ND	40.3	41.5	103	38.9	44.7	115	7	69-168	30
Perfluoroheptanoic Acid (PFHpA)	ND	40.3	38.0	94	38.9	40.3	104	6	58-159	30
Perfluorohexanesulfonic Acid (PFHxS)	ND	40.3	39.5	98	38.9	40.9	105	3	69-177	30
Perfluorooctanoic Acid (PFOA)	ND	40.3	36.8	91	38.9	40.1	103	9	63-159	30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	40.3	39.4	98	38.9	44.8	115	13	49-187	30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	40.3	43.1	107	38.9	43.1	111	0	61-179	30
Perfluorononanoic Acid (PFNA)	ND	40.3	40.6	101	38.9	43.4	112	7	68-171	30
Perfluorooctanesulfonic Acid (PFOS)	ND	40.3	32.8	81	38.9	34.6	89	5	52-151	30
Perfluorodecanoic Acid (PFDA)	ND	40.3	36.8	91	38.9	40.6	104	10	63-171	30
1H,1H,2H,2H-Perfluorodecane sulfonic Acid (8:2FTS)	ND	40.3	43.8	109	38.9	48.0	123	9	56-173	30
N-Methyl Perfluorooctanesulfonamide (NMeFOSAA)	ND	40.3	40.1	99	38.9	42.5	109	6	60-166	30
Perfluoroundecanoic Acid (PFUnA)	ND	40.3	34.0	84	38.9	36.1	93	6	60-153	30



Matrix Spike Sample Summary **Form 3** **Semivolatiles**

Client : LaBella Associates, P.C.
 Project Name : ELDRE CORP.-EMERGING CONTAM
 Client Sample ID : MW-16 04-03-2019
 Lab Sample ID : L1913816-03
 Matrix Spike : WG1224866-4
 Matrix Spike Dup : WG1224866-5

Lab Number : L1913816
 Project Number : 212721.01
 Matrix : WATER
 Analysis Date : 04/11/19 15:26
 MS Analysis Date : 04/11/19 14:03
 MSD Analysis Date : 04/11/19 14:20

Parameter	Sample Conc. (ng/l)	Matrix Spike Sample			Matrix Spike Duplicate			RPD	Recovery Limits	RPD Limit
		Spike Added (ng/l)	Spike Conc. (ng/l)	%R	Spike Added (ng/l)	Spike Conc. (ng/l)	%R			
Perfluorodecanesulfonic Acid (PFDS)	ND	40.3	38.1	94 ✓	38.9	40.3	104 ✓	6	38-156	30
Perfluorooctanesulfonamide (FOSA)	ND	40.3	36.5	90	38.9	39.1	100	7	46-170	30
N-Ethyl Perfluorooctanesulfonamid oacetic Acid (NEtFOSAA)	ND	40.3	33.7	84	38.9	38.6	99	14	45-170	30
Perfluorododecanoic Acid (PFDoA)	ND	40.3	35.2	87	38.9	38.6	99	9	67-153	30
Perfluorotridecanoic Acid (PFTTrDA)	ND	40.3	34.9	87	38.9	37.0	95	6	48-158	30
Perfluorotetradecanoic Acid (PFTA)	ND	40.3	39.8	99	38.9	45.0	116	12	59-182	30



**Method Blank Summary
Form 4
Semivolatiles**

Client	: LaBella Associates, P.C.	Lab Number	: L1913816
Project Name	: ELDRE CORP.-EMERGING CONTAM	Project Number	: 212721.01
Lab Sample ID	: WG1224866-1	Lab File ID	: I3776
Instrument ID	: LCMS02	Extraction Date	: 04/10/19
Matrix	: WATER	Analysis Date	: 04/11/19 10:45
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1224866-2LCS	WG1224866-2	04/11/19 13:30
WG1224866-3LCSD	WG1224866-3	04/11/19 13:47
MW-16 04-03-2019MS	WG1224866-4	04/11/19 14:03
MW-16 04-03-2019MSD	WG1224866-5	04/11/19 14:20
MW-15 04-03-2019	L1913816-01	04/11/19 15:10
MW-16 04-03-2019	L1913816-03	04/11/19 15:26
MW-19 04-03-2019	L1913816-05	04/11/19 15:43
BLIND DUPLICATE	L1913816-07	04/11/19 15:59
ERB-01	L1913816-08	04/11/19 16:16



Results Summary Form 1 Perfluorinated Alkyl Acids by Isotope Dilution

Client : LaBella Associates, P.C.
Project Name : ELDRE CORP.-EMERGING CONTAM
Lab ID : WG1224866-1
Client ID : WG1224866-1BLANK
Sample Location :
Sample Matrix : WATER
Analytical Method : 122,537(M)
Lab File ID : I3776
Sample Amount : 250 g
Extraction Method : EPA 537(M)
Extract Volume : 1000 uL
GPC Cleanup : N

Lab Number : L1913816
Project Number : 212721.01
Date Collected : NA
Date Received : NA
Date Analyzed : 04/11/19 10:45
Date Extracted : 04/10/19
Dilution Factor : 1
Analyst : JW
Instrument ID : LCMS02
GC Column : Acquity UPLC BEH C18
%Solids : N/A
Injection Volume : 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
375-22-4	Perfluorobutanoic Acid (PFBA)	ND ✓	2.00	0.373	U
2706-90-3	Perfluoropentanoic Acid (PFPeA)	ND	2.00	0.464	U
375-73-5	Perfluorobutanesulfonic Acid (PFBS)	ND	2.00	0.380	U
307-24-4	Perfluorohexanoic Acid (PFHxA)	ND	2.00	0.492	U
375-85-9	Perfluoroheptanoic Acid (PFHpA)	ND	2.00	0.372	U
355-46-4	Perfluorohexanesulfonic Acid (PFHxS)	ND	2.00	0.436	U
335-67-1	Perfluorooctanoic Acid (PFOA)	ND	2.00	0.460	U
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	2.00	0.194	U
375-92-8	Perfluoroheptanesulfonic Acid (PFHpS)	ND	2.00	0.520	U
375-95-1	Perfluorononanoic Acid (PFNA)	ND	2.00	0.436	U
1763-23-1	Perfluorooctanesulfonic Acid (PFOS)	ND	2.00	0.560	U
335-76-2	Perfluorodecanoic Acid (PFDA)	ND	2.00	0.620	U
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	2.00	0.291	U
2355-31-9	N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	2.00	0.250	U
2058-94-8	Perfluoroundecanoic Acid (PFUnA)	ND	2.00	0.424	U
335-77-3	Perfluorodecanesulfonic Acid (PFDS)	ND	2.00	0.386	U
754-91-6	Perfluorooctanesulfonamide (FOSA)	ND	2.00	0.556	U
2991-50-6	N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	2.00	0.373	U



Results Summary

Form 1

Perfluorinated Alkyl Acids by Isotope Dilution

Client	: LaBella Associates, P.C.	Lab Number	: L1913816
Project Name	: ELDRE CORP.-EMERGING CONTAM	Project Number	: 212721.01
Lab ID	: WG1224866-1	Date Collected	: NA
Client ID	: WG1224866-1BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 04/11/19 10:45
Sample Matrix	: WATER	Date Extracted	: 04/10/19
Analytical Method	: 122,537(M)	Dilution Factor	: 1
Lab File ID	: I3776	Analyst	: JW
Sample Amount	: 250 g	Instrument ID	: LCMS02
Extraction Method	: EPA 537(M)	GC Column	: Acquity UPLC BEH C18
Extract Volume	: 1000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 3 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
307-55-1	Perfluorododecanoic Acid (PFDoA)	ND ✓	2.00	0.592	U
72629-94-8	Perfluorotridecanoic Acid (PFTrDA)	ND	2.00	0.314	U
376-06-7	Perfluorotetradecanoic Acid (PFTA)	ND	2.00	0.988	U
NONE	PFOA/PFOS, Total	ND	2.00	0.460	U



Results Summary

Form 1

1,4 Dioxane by 8270D-SIM

Client : LaBella Associates, P.C.
 Project Name : ELDRE CORP.-EMERGING CONTAM
 Lab ID : L1913816-02
 Client ID : MW-15 04-03-2019
 Sample Location : HENRIETTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270D-SIM
 Lab File ID : F604101929
 Sample Amount : 540 ml
 Extraction Method : EPA 3510C
 Extract Volume : 5000 uL
 GPC Cleanup : N

Lab Number : L1913816
 Project Number : 212721.01
 Date Collected : 04/03/19 17:50
 Date Received : 04/05/19
 Date Analyzed : 04/11/19 02:39
 Date Extracted : 04/09/19
 Dilution Factor : 1
 Analyst : MA
 Instrument ID : GCMS6
 GC Column : RTX-5
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	ND	139	31.4	U

Handwritten signature



Results Summary

Form 1

1,4 Dioxane by 8270D-SIM

Client : LaBella Associates, P.C.
 Project Name : ELDRE CORP.-EMERGING CONTAM
 Lab ID : L1913816-04
 Client ID : MW-16 04-03-2019
 Sample Location : HENRIETTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270D-SIM
 Lab File ID : F604101930
 Sample Amount : 510 ml
 Extraction Method : EPA 3510C
 Extract Volume : 5000 uL
 GPC Cleanup : N

Lab Number : L1913816
 Project Number : 212721.01
 Date Collected : 04/03/19 16:00
 Date Received : 04/05/19
 Date Analyzed : 04/11/19 03:04
 Date Extracted : 04/09/19
 Dilution Factor : 1
 Analyst : MA
 Instrument ID : GCMS6
 GC Column : RTX-5
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	ND	147	33.2	U

Handwritten signature



Results Summary

Form 1

1,4 Dioxane by 8270D-SIM

Client	: LaBella Associates, P.C.	Lab Number	: L1913816
Project Name	: ELDRE CORP.-EMERGING CONTAM	Project Number	: 212721.01
Lab ID	: L1913816-06	Date Collected	: 04/03/19 12:55
Client ID	: MW-19 04-03-2019	Date Received	: 04/05/19
Sample Location	: HENRIETTA, NY	Date Analyzed	: 04/11/19 04:17
Sample Matrix	: WATER	Date Extracted	: 04/09/19
Analytical Method	: 1,8270D-SIM	Dilution Factor	: 1
Lab File ID	: F604101933	Analyst	: MA
Sample Amount	: 540 ml	Instrument ID	: GCMS6
Extraction Method	: EPA 3510C	GC Column	: RTX-5
Extract Volume	: 5000 uL	%Solids	: N/A
GPC Cleanup	: N	Injection Volume	: 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	ND	139	31.4	U

7/15



Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client : LaBella Associates, P.C.
 Project Name : ELDRE CORP.-EMERGING CONTAM
 Lab ID : L1913816-07
 Client ID : BLIND DUPLICATE
 Sample Location : HENRIETTA, NY
 Sample Matrix : WATER
 Analytical Method : 1,8270D-SIM
 Lab File ID : F604101934
 Sample Amount : 550 ml
 Extraction Method : EPA 3510C
 Extract Volume : 5000 uL
 GPC Cleanup : N

Lab Number : L1913816
 Project Number : 212721.01
 Date Collected : 04/03/19 00:00
 Date Received : 04/05/19
 Date Analyzed : 04/11/19 04:41
 Date Extracted : 04/09/19
 Dilution Factor : 1
 Analyst : MA
 Instrument ID : GCMS6
 GC Column : RTX-5
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	ND	136	30.8	U

MS



Surrogate Recovery Summary

Form 2

Semivolatiles

Client: LaBella Associates, P.C.
Project Name: ELDRE CORP.-EMERGING CONTAM

Lab Number: L1913816
Project Number: 212721.01
Matrix: Water

CLIENT ID (LAB SAMPLE NO.)	S1 ()	S2 ()	S3 ()	S4 ()	S5 ()	S6 ()	TOT OUT
MW-15 04-03-2019 (L1913816-02)	15	--	--	--	--	--	0
MW-16 04-03-2019 (L1913816-04)	20	--	--	--	--	--	0
MW-19 04-03-2019 (L1913816-06)	17	--	--	--	--	--	0
BLIND DUPLICATE (L1913816-07)	17	--	--	--	--	--	0
WG1224686-1BLANK	24	--	--	--	--	--	0
WG1224686-2LCS	23	--	--	--	--	--	0
WG1224686-3LCSD	20	--	--	--	--	--	0
MW-16 04-03-2019MS	18	--	--	--	--	--	0
MW-16 04-03-2019MSD	19	--	--	--	--	--	0

QC LIMITS
(15-110) S1 = 1,4-DIOXANE-D8

* Values outside of QC limits

FORM II A2-1,4-DIOXANE-SIM



Laboratory Control Sample Summary

Form 3

Semivolatiles

Client : LaBella Associates, P.C. Lab Number : L1913816
 Project Name : ELDRE CORP.-EMERGING CONTAM Project Number : 212721.01
 Matrix : WATER
 LCS Sample ID : WG1224686-2 Analysis Date : 04/11/19 01:50 File ID : F604101927
 LCSD Sample ID : WG1224686-3 Analysis Date : 04/11/19 02:15 File ID : F604101928

Parameter	Laboratory Control Sample			Laboratory Control Duplicate				Recovery Limits	RPD Limit
	True (ng/l)	Found (ng/l)	%R	True (ng/l)	Found (ng/l)	%R	RPD		
1,4-Dioxane	5000	6120	122	5000	6700	134	9	40-140	30



Matrix Spike Sample Summary **Form 3** **Semivolatiles**

Client	: LaBella Associates, P.C.	Lab Number	: L1913816
Project Name	: ELDRE CORP.-EMERGING CONTAM	Project Number	: 212721.01
Client Sample ID	: MW-16 04-03-2019	Matrix	: WATER
Lab Sample ID	: L1913816-04	Analysis Date	: 04/11/19 03:04
Matrix Spike	: WG1224686-4	MS Analysis Date	: 04/11/19 03:28
Matrix Spike Dup	: WG1224686-5	MSD Analysis Date	: 04/11/19 03:53

Parameter	Sample Conc. (ng/l)	Matrix Spike Sample		%R	Matrix Spike Duplicate		%R	RPD	Recovery Limits	RPD Limit
		Spike Added (ng/l)	Spike Conc. (ng/l)		Spike Added (ng/l)	Spike Conc. (ng/l)				
1,4-Dioxane	ND	4630	5960	129 ✓	4630	5900	127 ✓	1	40-140	30



**Method Blank Summary
Form 4
Semivolatiles**

Client	: LaBella Associates, P.C.	Lab Number	: L1913816
Project Name	: ELDRE CORP.-EMERGING CONTAM	Project Number	: 212721.01
Lab Sample ID	: WG1224686-1	Lab File ID	: F604101926
Instrument ID	: GCMS6	Extraction Date	: 04/09/19
Matrix	: WATER	Analysis Date	: 04/11/19 01:26
Level	: LOW		

Client Sample No.	Lab Sample ID	Analysis Date
WG1224686-2LCS	WG1224686-2	04/11/19 01:50
WG1224686-3LCSD	WG1224686-3	04/11/19 02:15
MW-15 04-03-2019	L1913816-02	04/11/19 02:39
MW-16 04-03-2019	L1913816-04	04/11/19 03:04
MW-16 04-03-2019MS	WG1224686-4	04/11/19 03:28
MW-16 04-03-2019MSD	WG1224686-5	04/11/19 03:53
MW-19 04-03-2019	L1913816-06	04/11/19 04:17
BLIND DUPLICATE	L1913816-07	04/11/19 04:41



Results Summary
Form 1
1,4 Dioxane by 8270D-SIM

Client : LaBella Associates, P.C.
 Project Name : ELDRE CORP.-EMERGING CONTAM
 Lab ID : WG1224686-1
 Client ID : WG1224686-1BLANK
 Sample Location :
 Sample Matrix : WATER
 Analytical Method : 1,8270D-SIM
 Lab File ID : F604101926
 Sample Amount : 500 ml
 Extraction Method : EPA 3510C
 Extract Volume : 5000 uL
 GPC Cleanup : N

Lab Number : L1913816
 Project Number : 212721.01
 Date Collected : NA
 Date Received : NA
 Date Analyzed : 04/11/19 01:26
 Date Extracted : 04/09/19
 Dilution Factor : 1
 Analyst : MA
 Instrument ID : GCMS6
 GC Column : RTX-5
 %Solids : N/A
 Injection Volume : 1 uL

CAS NO.	Parameter	ng/l			Qualifier
		Results	RL	MDL	
123-91-1	1,4-Dioxane	ND ✓	150	33.9	U



Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client : LaBella Associates, P.C.	Lab Number : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM	Project Number : 212721.01
Instrument ID : GCMS6	Analysis Date : 03/22/19 15:21
Tune Standard : R1169422-1	Tune File ID : F603221901_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	35.8
68	Less than 2.0% of mass 69	0 (0)1
70	Less than 2.0% of mass 69	0.3 (.6)1
127	10.0 - 80.0% of Base Peak	60
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.7
10 - 30 275	~~10.0 - 60.0%~~ of Base Peak	<u>36.9</u>
365	Greater than 1.0% of mass 198	4
441	Present, but less than 24% of mass 442	16.7
442	Base Peak, or >50% of mass 198	74.8
443	15.0 - 24.0% of mass 442	14.4 (19.3)2

1-Value is % of mass 69 2-Value is % of mass 442

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
STD 10	R1169422-2	F603221902	03/22/19 16:08
STD 50	R1169422-3	F603221903	03/22/19 16:39
STD 100	R1169422-4	F603221904	03/22/19 17:09
STD 500	R1169422-5	F603221905	03/22/19 17:40
STD 1000	R1169422-6	F603221906	03/22/19 18:09
STD 5000	R1169422-7	F603221907	03/22/19 18:39
STD 10000	R1169422-8	F603221908	03/22/19 19:08
ICV QUANT	R1169422-9	F603221909	03/22/19 19:37 ✓



Instrument Performance Check (Tune) Summary
Form 5
Semivolatiles
Decafluorotriphenylphosphine (DFTPP)

Client : LaBella Associates, P.C.	Lab Number : L1913816
Project Name : ELDRE CORP.-EMERGING CONTAM	Project Number : 212721.01
Instrument ID : GCMS6	Analysis Date : 04/11/19 00:21
Tune Standard : WG1225111-3	Tune File ID : F604101924_tune

m/e	Ion Abundance Criteria	%Relative Abundance
51	10.0 - 80.0% of Base Peak	27.2
68	Less than 2.0% of mass 69	0 (0)1
70	Less than 2.0% of mass 69	0.2 (.6)1
127	10.0 - 80.0% of Base Peak	54.4
197	Less than 2.0% of mass 198	0
198	Base Peak, or >50% of mass 442	100
199	5.0 - 9.0% of mass 198	6.7
10-30 275	~~10.0 - 80.0%~~ of Base Peak	<u>37.1</u>
365	Greater than 1.0% of mass 198	3.8
441	Present, but less than 24% of mass 442	16.8
442	Base Peak, or >50% of mass 198	82.3
443	15.0 - 24.0% of mass 442	15.9 (19.4)2

1-Value is % of mass 69 2-Value is % of mass 442

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

Client Sample ID	Lab Sample ID	File ID	Analysis Date/Time
WG1225111-4CCAL	WG1225111-4	F604101925	04/11/19 01:01
WG1224686-1BLANK	WG1224686-1	F604101926	04/11/19 01:26
WG1224686-2LCS	WG1224686-2	F604101927	04/11/19 01:50
WG1224686-3LCSD	WG1224686-3	F604101928	04/11/19 02:15
MW-15 04-03-2019	L1913816-02	F604101929	04/11/19 02:39
MW-16 04-03-2019	L1913816-04	F604101930	04/11/19 03:04
WG1224686-4MS	WG1224686-4	F604101931	04/11/19 03:28
WG1224686-5MSD	WG1224686-5	F604101932	04/11/19 03:53
MW-19 04-03-2019	L1913816-06	F604101933	04/11/19 04:17
BLIND DUPLICATE	L1913816-07	F604101934	04/11/19 04:41 ✓



Internal Standard Area and RT Summary

Form 8a

Semivolatiles

Client : LaBella Associates, P.C.
 Project Name : ELDRE CORP.-EMERGING CONTAM
 Instrument ID : GCMS6
 Sample No : WG1225111-4

Lab Number : L1913816
 Project Number : 212721.01
 Analysis Date : 04/11/19 01:01
 Lab File ID : F604101925

		1,4-Dichlorobenzene-d4					
		Area	RT	Area	RT	Area	RT
WG1225111-4		50689	8.30				
Upper Limit		101378	8.80				
Lower Limit		25345	7.80				
Sample ID							
WG1224686-1 BLANK		40924	8.29				
WG1224686-2 LCS		46151	8.28				
WG1224686-3 LCSD		52218	8.29				
MW-15 04-03-2019		49316	8.30				
MW-16 04-03-2019		53992	8.29				
MW-16 04-03-2019 MS		52658	8.29				
MW-16 04-03-2019 MSD		45359	8.30				
MW-19 04-03-2019		51670	8.30				
BLIND DUPLICATE		52820	8.30				

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

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

* Values outside of QC limits

