

ANALYTICAL REPORT

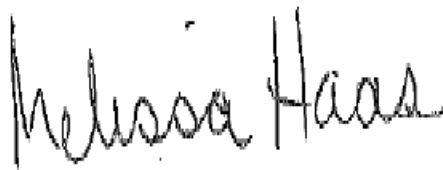
Job Number: 460-262853-1

Job Description: Taconic Inwood Lot 21

For:

Roux Environmental Eng & Geology DPC
209 Shafter St
Islandia, NY 11749

Attention: Ms. Jessica Taylor



Approved for release.
Melissa Haas
Senior Project Manager
8/9/2022 5:51 PM

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08/09/2022

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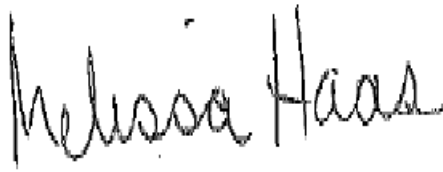
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Job Number: 460-262853-1

Job Description: Taconic Inwood Lot 21

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A handwritten signature in black ink that reads "Melissa Haas". The signature is written in a cursive style with a horizontal line underneath the name.

Approved for release.
Melissa Haas
Senior Project Manager
8/9/2022 5:51 PM

Melissa Haas

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CASE NARRATIVE

Client: Roux Environmental Eng & Geology DPC

Project: Taconic Inwood Lot 21

Report Number: 460-262853-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 07/29/2022; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 2.4 C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

PER- AND POLYFLUOROALKYL SUBSTANCES (PFAS)

Samples BCS-21-05 P (4-4.5) (460-262853-1), BCS-21-06 P (4-4.5) (460-262853-2), BCS-21-07 P (4-4.5) (460-262853-3) and BCS-21-08 P (4-4.5) (460-262853-4) were analyzed for Per- and Polyfluoroalkyl Substances (PFAS) in accordance with PFC. The samples were prepared and analyzed on 08/04/2022.

Method 537 (modified): Method 537 (modified): The "I" qualifier associated with sample BCS-21-05 P (4-4.5) (460-262853-1) is applied because the transition mass ratio for the indicated analyte(s) was outside of the established ratio limits. The qualitative identification has some degree of uncertainty, however analyst judgment was used to positively identify the analyte(s).

No other difficulties were encountered during the PFAS analysis.

All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE

Samples BCS-21-05 P (4-4.5) (460-262853-1), BCS-21-06 P (4-4.5) (460-262853-2), BCS-21-07 P (4-4.5) (460-262853-3) and BCS-21-08 P (4-4.5) (460-262853-4) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 08/03/2022.

No difficulties were encountered during the %solids/moisture analysis.

All quality control parameters were within the acceptance limits.

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood Lot 21

Job ID: 460-262853-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-262853-1	BCS-21-05 P (4-4.5)	Solid	07/28/22 13:35	07/29/22 18:00
460-262853-2	BCS-21-06 P (4-4.5)	Solid	07/28/22 13:45	07/29/22 18:00
460-262853-3	BCS-21-07 P (4-4.5)	Solid	07/28/22 13:55	07/29/22 18:00
460-262853-4	BCS-21-08 P (4-4.5)	Solid	07/28/22 14:05	07/29/22 18:00

Detection Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood Lot 21

Job ID: 460-262853-1

Client Sample ID: BCS-21-05 P (4-4.5)

Lab Sample ID: 460-262853-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.093	J	0.25	0.073	ug/Kg	1	⊗	537	(modified)	Total/NA
Perfluorodecanesulfonic acid (PFDS)	0.047	J	0.25	0.024	ug/Kg	1	⊗	537	(modified)	Total/NA

Client Sample ID: BCS-21-06 P (4-4.5)

Lab Sample ID: 460-262853-2

No Detections.

Client Sample ID: BCS-21-07 P (4-4.5)

Lab Sample ID: 460-262853-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Perfluorooctanoic acid (PFOA)	0.062	J	0.21	0.060	ug/Kg	1	⊗	537	(modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.040	J	0.21	0.035	ug/Kg	1	⊗	537	(modified)	Total/NA
Perfluorodecanoic acid (PFDA)	0.033	J	0.21	0.029	ug/Kg	1	⊗	537	(modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.31		0.21	0.11	ug/Kg	1	⊗	537	(modified)	Total/NA

Client Sample ID: BCS-21-08 P (4-4.5)

Lab Sample ID: 460-262853-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Perfluoropentanoic acid (PFPeA)	0.098	J	0.22	0.061	ug/Kg	1	⊗	537	(modified)	Total/NA
Perfluorohexanoic acid (PFHxA)	0.068	J	0.22	0.051	ug/Kg	1	⊗	537	(modified)	Total/NA
Perfluoroheptanoic acid (PFHpA)	0.061	J	0.22	0.044	ug/Kg	1	⊗	537	(modified)	Total/NA
Perfluorooctanoic acid (PFOA)	0.19	J	0.22	0.065	ug/Kg	1	⊗	537	(modified)	Total/NA
Perfluorononanoic acid (PFNA)	0.061	J	0.22	0.038	ug/Kg	1	⊗	537	(modified)	Total/NA
Perfluorooctanesulfonic acid (PFOS)	0.51		0.22	0.12	ug/Kg	1	⊗	537	(modified)	Total/NA

This Detection Summary does not include radiochemical test results.

Method Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood Lot 21

Job ID: 460-262853-1

Method	Method Description	Protocol	Laboratory
537 (modified)	Fluorinated Alkyl Substances	EPA	ETA BUR
Moisture	Percent Moisture	EPA	ETA BUR
SHAKE	Shake Extraction with Ultrasonic Bath Extraction	SW846	ETA BUR

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ETA BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood Lot 21

Job ID: 460-262853-1

Client Sample ID: BCS-21-05 P (4-4.5)

Lab Sample ID: 460-262853-1

Date Collected: 07/28/22 13:35

Matrix: Solid

Date Received: 07/29/22 18:00

Percent Solids: 77.8

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.63	U	0.63	0.42	ug/Kg	☼	08/04/22 08:35	08/04/22 23:17	1
Perfluoropentanoic acid (PFPeA)	0.25	U	0.25	0.070	ug/Kg	☼	08/04/22 08:35	08/04/22 23:17	1
Perfluorohexanoic acid (PFHxA)	0.25	U	0.25	0.058	ug/Kg	☼	08/04/22 08:35	08/04/22 23:17	1
Perfluoroheptanoic acid (PFHpA)	0.25	U	0.25	0.049	ug/Kg	☼	08/04/22 08:35	08/04/22 23:17	1
Perfluorooctanoic acid (PFOA)	0.093	J	0.25	0.073	ug/Kg	☼	08/04/22 08:35	08/04/22 23:17	1
Perfluorononanoic acid (PFNA)	0.25	U	0.25	0.043	ug/Kg	☼	08/04/22 08:35	08/04/22 23:17	1
Perfluorodecanoic acid (PFDA)	0.25	U	0.25	0.035	ug/Kg	☼	08/04/22 08:35	08/04/22 23:17	1
Perfluoroundecanoic acid (PFUnA)	0.25	U	0.25	0.034	ug/Kg	☼	08/04/22 08:35	08/04/22 23:17	1
Perfluorododecanoic acid (PFDoA)	0.25	U	0.25	0.032	ug/Kg	☼	08/04/22 08:35	08/04/22 23:17	1
Perfluorotridecanoic acid (PFTriA)	0.25	U	0.25	0.032	ug/Kg	☼	08/04/22 08:35	08/04/22 23:17	1
Perfluorotetradecanoic acid (PFTeA)	0.25	U	0.25	0.033	ug/Kg	☼	08/04/22 08:35	08/04/22 23:17	1
Perfluorobutanesulfonic acid (PFBS)	0.25	U	0.25	0.042	ug/Kg	☼	08/04/22 08:35	08/04/22 23:17	1
Perfluorohexanesulfonic acid (PFHxS)	0.25	U	0.25	0.052	ug/Kg	☼	08/04/22 08:35	08/04/22 23:17	1
Perfluoroheptanesulfonic acid (PFHpS)	0.25	U	0.25	0.029	ug/Kg	☼	08/04/22 08:35	08/04/22 23:17	1
Perfluorooctanesulfonic acid (PFOS)	0.25	U	0.25	0.14	ug/Kg	☼	08/04/22 08:35	08/04/22 23:17	1
Perfluorodecanesulfonic acid (PFDS)	0.047	J	0.25	0.024	ug/Kg	☼	08/04/22 08:35	08/04/22 23:17	1
Perfluorooctanesulfonamide (FOSA)	0.25	U	0.25	0.043	ug/Kg	☼	08/04/22 08:35	08/04/22 23:17	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.53	U	2.53	0.14	ug/Kg	☼	08/04/22 08:35	08/04/22 23:17	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.53	U	2.53	0.10	ug/Kg	☼	08/04/22 08:35	08/04/22 23:17	1
6:2 FTS	2.53	U	2.53	0.072	ug/Kg	☼	08/04/22 08:35	08/04/22 23:17	1
8:2 FTS	2.53	U	2.53	0.047	ug/Kg	☼	08/04/22 08:35	08/04/22 23:17	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	91		50 - 150				08/04/22 08:35	08/04/22 23:17	1
13C4 PFHpA	93		50 - 150				08/04/22 08:35	08/04/22 23:17	1
13C4 PFOA	91		50 - 150				08/04/22 08:35	08/04/22 23:17	1
13C4 PFOS	85		50 - 150				08/04/22 08:35	08/04/22 23:17	1
13C5 PFNA	93		50 - 150				08/04/22 08:35	08/04/22 23:17	1
13C4 PFBA	93		50 - 150				08/04/22 08:35	08/04/22 23:17	1
13C2 PFHxA	89		50 - 150				08/04/22 08:35	08/04/22 23:17	1
13C2 PFDA	94		50 - 150				08/04/22 08:35	08/04/22 23:17	1
13C2 PFUnA	97		50 - 150				08/04/22 08:35	08/04/22 23:17	1
13C2 PFDoA	99		50 - 150				08/04/22 08:35	08/04/22 23:17	1
13C8 FOSA	73		50 - 150				08/04/22 08:35	08/04/22 23:17	1
13C5 PFPeA	93		50 - 150				08/04/22 08:35	08/04/22 23:17	1
13C2 PFTeDA	108		50 - 150				08/04/22 08:35	08/04/22 23:17	1
d3-NMeFOSAA	80		50 - 150				08/04/22 08:35	08/04/22 23:17	1
d5-NEtFOSAA	84		50 - 150				08/04/22 08:35	08/04/22 23:17	1
M2-6:2 FTS	98		50 - 150				08/04/22 08:35	08/04/22 23:17	1
M2-8:2 FTS	99		50 - 150				08/04/22 08:35	08/04/22 23:17	1
13C3 PFBS	86		50 - 150				08/04/22 08:35	08/04/22 23:17	1

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood Lot 21

Job ID: 460-262853-1

Client Sample ID: BCS-21-06 P (4-4.5)

Lab Sample ID: 460-262853-2

Date Collected: 07/28/22 13:45

Matrix: Solid

Date Received: 07/29/22 18:00

Percent Solids: 76.9

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.63	U	0.63	0.42	ug/Kg	☼	08/04/22 08:35	08/04/22 23:26	1
Perfluoropentanoic acid (PFPeA)	0.25	U	0.25	0.070	ug/Kg	☼	08/04/22 08:35	08/04/22 23:26	1
Perfluorohexanoic acid (PFHxA)	0.25	U	0.25	0.058	ug/Kg	☼	08/04/22 08:35	08/04/22 23:26	1
Perfluoroheptanoic acid (PFHpA)	0.25	U	0.25	0.049	ug/Kg	☼	08/04/22 08:35	08/04/22 23:26	1
Perfluorooctanoic acid (PFOA)	0.25	U	0.25	0.073	ug/Kg	☼	08/04/22 08:35	08/04/22 23:26	1
Perfluorononanoic acid (PFNA)	0.25	U	0.25	0.043	ug/Kg	☼	08/04/22 08:35	08/04/22 23:26	1
Perfluorodecanoic acid (PFDA)	0.25	U	0.25	0.035	ug/Kg	☼	08/04/22 08:35	08/04/22 23:26	1
Perfluoroundecanoic acid (PFUnA)	0.25	U	0.25	0.034	ug/Kg	☼	08/04/22 08:35	08/04/22 23:26	1
Perfluorododecanoic acid (PFDoA)	0.25	U	0.25	0.032	ug/Kg	☼	08/04/22 08:35	08/04/22 23:26	1
Perfluorotridecanoic acid (PFTriA)	0.25	U	0.25	0.032	ug/Kg	☼	08/04/22 08:35	08/04/22 23:26	1
Perfluorotetradecanoic acid (PFTeA)	0.25	U	0.25	0.033	ug/Kg	☼	08/04/22 08:35	08/04/22 23:26	1
Perfluorobutanesulfonic acid (PFBS)	0.25	U	0.25	0.042	ug/Kg	☼	08/04/22 08:35	08/04/22 23:26	1
Perfluorohexanesulfonic acid (PFHxS)	0.25	U	0.25	0.052	ug/Kg	☼	08/04/22 08:35	08/04/22 23:26	1
Perfluoroheptanesulfonic acid (PFHpS)	0.25	U	0.25	0.029	ug/Kg	☼	08/04/22 08:35	08/04/22 23:26	1
Perfluorooctanesulfonic acid (PFOS)	0.25	U	0.25	0.14	ug/Kg	☼	08/04/22 08:35	08/04/22 23:26	1
Perfluorodecanesulfonic acid (PFDS)	0.25	U	0.25	0.024	ug/Kg	☼	08/04/22 08:35	08/04/22 23:26	1
Perfluorooctanesulfonamide (FOSA)	0.25	U	0.25	0.043	ug/Kg	☼	08/04/22 08:35	08/04/22 23:26	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.53	U	2.53	0.14	ug/Kg	☼	08/04/22 08:35	08/04/22 23:26	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.53	U	2.53	0.10	ug/Kg	☼	08/04/22 08:35	08/04/22 23:26	1
6:2 FTS	2.53	U	2.53	0.072	ug/Kg	☼	08/04/22 08:35	08/04/22 23:26	1
8:2 FTS	2.53	U	2.53	0.047	ug/Kg	☼	08/04/22 08:35	08/04/22 23:26	1

Isotope Dilution	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
18O2 PFHxS	90		50 - 150	08/04/22 08:35	08/04/22 23:26	1
13C4 PFHpA	96		50 - 150	08/04/22 08:35	08/04/22 23:26	1
13C4 PFOA	92		50 - 150	08/04/22 08:35	08/04/22 23:26	1
13C4 PFOS	87		50 - 150	08/04/22 08:35	08/04/22 23:26	1
13C5 PFNA	93		50 - 150	08/04/22 08:35	08/04/22 23:26	1
13C4 PFBA	93		50 - 150	08/04/22 08:35	08/04/22 23:26	1
13C2 PFHxA	98		50 - 150	08/04/22 08:35	08/04/22 23:26	1
13C2 PFDA	95		50 - 150	08/04/22 08:35	08/04/22 23:26	1
13C2 PFUnA	92		50 - 150	08/04/22 08:35	08/04/22 23:26	1
13C2 PFDoA	93		50 - 150	08/04/22 08:35	08/04/22 23:26	1
13C8 FOSA	79		50 - 150	08/04/22 08:35	08/04/22 23:26	1
13C5 PFPeA	96		50 - 150	08/04/22 08:35	08/04/22 23:26	1
13C2 PFTeA	108		50 - 150	08/04/22 08:35	08/04/22 23:26	1
d3-NMeFOSAA	77		50 - 150	08/04/22 08:35	08/04/22 23:26	1
d5-NEtFOSAA	81		50 - 150	08/04/22 08:35	08/04/22 23:26	1
M2-6:2 FTS	86		50 - 150	08/04/22 08:35	08/04/22 23:26	1
M2-8:2 FTS	94		50 - 150	08/04/22 08:35	08/04/22 23:26	1
13C3 PFBS	85		50 - 150	08/04/22 08:35	08/04/22 23:26	1

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood Lot 21

Job ID: 460-262853-1

Client Sample ID: BCS-21-07 P (4-4.5)

Lab Sample ID: 460-262853-3

Date Collected: 07/28/22 13:55

Matrix: Solid

Date Received: 07/29/22 18:00

Percent Solids: 91.9

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.51	U	0.51	0.34	ug/Kg	☼	08/04/22 08:35	08/04/22 23:34	1
Perfluoropentanoic acid (PFPeA)	0.21	U	0.21	0.057	ug/Kg	☼	08/04/22 08:35	08/04/22 23:34	1
Perfluorohexanoic acid (PFHxA)	0.21	U	0.21	0.047	ug/Kg	☼	08/04/22 08:35	08/04/22 23:34	1
Perfluoroheptanoic acid (PFHpA)	0.21	U	0.21	0.040	ug/Kg	☼	08/04/22 08:35	08/04/22 23:34	1
Perfluorooctanoic acid (PFOA)	0.062	J	0.21	0.060	ug/Kg	☼	08/04/22 08:35	08/04/22 23:34	1
Perfluorononanoic acid (PFNA)	0.040	J	0.21	0.035	ug/Kg	☼	08/04/22 08:35	08/04/22 23:34	1
Perfluorodecanoic acid (PFDA)	0.033	J	0.21	0.029	ug/Kg	☼	08/04/22 08:35	08/04/22 23:34	1
Perfluoroundecanoic acid (PFUnA)	0.21	U	0.21	0.028	ug/Kg	☼	08/04/22 08:35	08/04/22 23:34	1
Perfluorododecanoic acid (PFDoA)	0.21	U	0.21	0.026	ug/Kg	☼	08/04/22 08:35	08/04/22 23:34	1
Perfluorotridecanoic acid (PFTriA)	0.21	U	0.21	0.026	ug/Kg	☼	08/04/22 08:35	08/04/22 23:34	1
Perfluorotetradecanoic acid (PFTeA)	0.21	U	0.21	0.027	ug/Kg	☼	08/04/22 08:35	08/04/22 23:34	1
Perfluorobutanesulfonic acid (PFBS)	0.21	U	0.21	0.034	ug/Kg	☼	08/04/22 08:35	08/04/22 23:34	1
Perfluorohexanesulfonic acid (PFHxS)	0.21	U	0.21	0.042	ug/Kg	☼	08/04/22 08:35	08/04/22 23:34	1
Perfluoroheptanesulfonic acid (PFHpS)	0.21	U	0.21	0.024	ug/Kg	☼	08/04/22 08:35	08/04/22 23:34	1
Perfluorooctanesulfonic acid (PFOS)	0.31		0.21	0.11	ug/Kg	☼	08/04/22 08:35	08/04/22 23:34	1
Perfluorodecanesulfonic acid (PFDS)	0.21	U	0.21	0.020	ug/Kg	☼	08/04/22 08:35	08/04/22 23:34	1
Perfluorooctanesulfonamide (FOSA)	0.21	U	0.21	0.035	ug/Kg	☼	08/04/22 08:35	08/04/22 23:34	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.06	U	2.06	0.11	ug/Kg	☼	08/04/22 08:35	08/04/22 23:34	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.06	U	2.06	0.085	ug/Kg	☼	08/04/22 08:35	08/04/22 23:34	1
6:2 FTS	2.06	U	2.06	0.059	ug/Kg	☼	08/04/22 08:35	08/04/22 23:34	1
8:2 FTS	2.06	U	2.06	0.038	ug/Kg	☼	08/04/22 08:35	08/04/22 23:34	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	91		50 - 150				08/04/22 08:35	08/04/22 23:34	1
13C4 PFHpA	98		50 - 150				08/04/22 08:35	08/04/22 23:34	1
13C4 PFOA	97		50 - 150				08/04/22 08:35	08/04/22 23:34	1
13C4 PFOS	89		50 - 150				08/04/22 08:35	08/04/22 23:34	1
13C5 PFNA	97		50 - 150				08/04/22 08:35	08/04/22 23:34	1
13C4 PFBA	97		50 - 150				08/04/22 08:35	08/04/22 23:34	1
13C2 PFHxA	101		50 - 150				08/04/22 08:35	08/04/22 23:34	1
13C2 PFDA	92		50 - 150				08/04/22 08:35	08/04/22 23:34	1
13C2 PFUnA	92		50 - 150				08/04/22 08:35	08/04/22 23:34	1
13C2 PFDoA	88		50 - 150				08/04/22 08:35	08/04/22 23:34	1
13C8 FOSA	74		50 - 150				08/04/22 08:35	08/04/22 23:34	1
13C5 PFPeA	101		50 - 150				08/04/22 08:35	08/04/22 23:34	1
13C2 PFTeDA	98		50 - 150				08/04/22 08:35	08/04/22 23:34	1
d3-NMeFOSAA	71		50 - 150				08/04/22 08:35	08/04/22 23:34	1
d5-NEtFOSAA	76		50 - 150				08/04/22 08:35	08/04/22 23:34	1
M2-6:2 FTS	93		50 - 150				08/04/22 08:35	08/04/22 23:34	1
M2-8:2 FTS	89		50 - 150				08/04/22 08:35	08/04/22 23:34	1
13C3 PFBS	91		50 - 150				08/04/22 08:35	08/04/22 23:34	1

Client Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood Lot 21

Job ID: 460-262853-1

Client Sample ID: BCS-21-08 P (4-4.5)

Lab Sample ID: 460-262853-4

Date Collected: 07/28/22 14:05

Matrix: Solid

Date Received: 07/29/22 18:00

Percent Solids: 89.7

Method: 537 (modified) - Fluorinated Alkyl Substances

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.56	U	0.56	0.37	ug/Kg	☼	08/04/22 08:35	08/04/22 23:42	1
Perfluoropentanoic acid (PFPeA)	0.098	J	0.22	0.061	ug/Kg	☼	08/04/22 08:35	08/04/22 23:42	1
Perfluorohexanoic acid (PFHxA)	0.068	J	0.22	0.051	ug/Kg	☼	08/04/22 08:35	08/04/22 23:42	1
Perfluoroheptanoic acid (PFHpA)	0.061	J	0.22	0.044	ug/Kg	☼	08/04/22 08:35	08/04/22 23:42	1
Perfluorooctanoic acid (PFOA)	0.19	J	0.22	0.065	ug/Kg	☼	08/04/22 08:35	08/04/22 23:42	1
Perfluorononanoic acid (PFNA)	0.061	J	0.22	0.038	ug/Kg	☼	08/04/22 08:35	08/04/22 23:42	1
Perfluorodecanoic acid (PFDA)	0.22	U	0.22	0.031	ug/Kg	☼	08/04/22 08:35	08/04/22 23:42	1
Perfluoroundecanoic acid (PFUnA)	0.22	U	0.22	0.030	ug/Kg	☼	08/04/22 08:35	08/04/22 23:42	1
Perfluorododecanoic acid (PFDoA)	0.22	U	0.22	0.028	ug/Kg	☼	08/04/22 08:35	08/04/22 23:42	1
Perfluorotridecanoic acid (PFTriA)	0.22	U	0.22	0.028	ug/Kg	☼	08/04/22 08:35	08/04/22 23:42	1
Perfluorotetradecanoic acid (PFTeA)	0.22	U	0.22	0.029	ug/Kg	☼	08/04/22 08:35	08/04/22 23:42	1
Perfluorobutanesulfonic acid (PFBS)	0.22	U	0.22	0.037	ug/Kg	☼	08/04/22 08:35	08/04/22 23:42	1
Perfluorohexanesulfonic acid (PFHxS)	0.22	U	0.22	0.046	ug/Kg	☼	08/04/22 08:35	08/04/22 23:42	1
Perfluoroheptanesulfonic acid (PFHpS)	0.22	U	0.22	0.026	ug/Kg	☼	08/04/22 08:35	08/04/22 23:42	1
Perfluorooctanesulfonic acid (PFOS)	0.51		0.22	0.12	ug/Kg	☼	08/04/22 08:35	08/04/22 23:42	1
Perfluorodecanesulfonic acid (PFDS)	0.22	U	0.22	0.021	ug/Kg	☼	08/04/22 08:35	08/04/22 23:42	1
Perfluorooctanesulfonamide (FOSA)	0.22	U	0.22	0.038	ug/Kg	☼	08/04/22 08:35	08/04/22 23:42	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.23	U	2.23	0.12	ug/Kg	☼	08/04/22 08:35	08/04/22 23:42	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.23	U	2.23	0.093	ug/Kg	☼	08/04/22 08:35	08/04/22 23:42	1
6:2 FTS	2.23	U	2.23	0.064	ug/Kg	☼	08/04/22 08:35	08/04/22 23:42	1
8:2 FTS	2.23	U	2.23	0.041	ug/Kg	☼	08/04/22 08:35	08/04/22 23:42	1
Isotope Dilution	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
18O2 PFHxS	80		50 - 150				08/04/22 08:35	08/04/22 23:42	1
13C4 PFHpA	95		50 - 150				08/04/22 08:35	08/04/22 23:42	1
13C4 PFOA	91		50 - 150				08/04/22 08:35	08/04/22 23:42	1
13C4 PFOS	78		50 - 150				08/04/22 08:35	08/04/22 23:42	1
13C5 PFNA	88		50 - 150				08/04/22 08:35	08/04/22 23:42	1
13C4 PFBA	89		50 - 150				08/04/22 08:35	08/04/22 23:42	1
13C2 PFHxA	94		50 - 150				08/04/22 08:35	08/04/22 23:42	1
13C2 PFDA	89		50 - 150				08/04/22 08:35	08/04/22 23:42	1
13C2 PFUnA	92		50 - 150				08/04/22 08:35	08/04/22 23:42	1
13C2 PFDoA	91		50 - 150				08/04/22 08:35	08/04/22 23:42	1
13C8 FOSA	77		50 - 150				08/04/22 08:35	08/04/22 23:42	1
13C5 PFPeA	91		50 - 150				08/04/22 08:35	08/04/22 23:42	1
13C2 PFTeDA	103		50 - 150				08/04/22 08:35	08/04/22 23:42	1
d3-NMeFOSAA	72		50 - 150				08/04/22 08:35	08/04/22 23:42	1
d5-NEtFOSAA	74		50 - 150				08/04/22 08:35	08/04/22 23:42	1
M2-6:2 FTS	75		50 - 150				08/04/22 08:35	08/04/22 23:42	1
M2-8:2 FTS	80		50 - 150				08/04/22 08:35	08/04/22 23:42	1
13C3 PFBS	81		50 - 150				08/04/22 08:35	08/04/22 23:42	1

Isotope Dilution Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood Lot 21

Job ID: 460-262853-1

Method: 537 (modified) - Fluorinated Alkyl Substances

Matrix: Solid

Prep Type: Total/NA

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFHxS (50-150)	C4PFHA (50-150)	PFOA (50-150)	PFOS (50-150)	PFNA (50-150)	PFBA (50-150)	PFHxA (50-150)	PFDA (50-150)
460-262714-A-3-B MS	Matrix Spike	85	96	90	76	89	89	93	85
460-262714-A-3-C MSD	Matrix Spike Duplicate	87	97	94	83	94	94	96	90
460-262853-1	BCS-21-05 P (4-4.5)	91	93	91	85	93	93	89	94
460-262853-2	BCS-21-06 P (4-4.5)	90	96	92	87	93	93	98	95
460-262853-3	BCS-21-07 P (4-4.5)	91	98	97	89	97	97	101	92
460-262853-4	BCS-21-08 P (4-4.5)	80	95	91	78	88	89	94	89
LCS 200-182357/2-A	Lab Control Sample	87	91	94	80	90	92	90	82
MB 200-182357/1-A	Method Blank	93	96	97	89	97	95	97	93

		Percent Isotope Dilution Recovery (Acceptance Limits)							
Lab Sample ID	Client Sample ID	PFUnA (50-150)	PFDaA (50-150)	PFOSA (50-150)	PFPeA (50-150)	PFTDA (50-150)	d3NMFOS (50-150)	d5NEFOS (50-150)	M262FTS (50-150)
460-262714-A-3-B MS	Matrix Spike	83	87	70	91	99	64	66	75
460-262714-A-3-C MSD	Matrix Spike Duplicate	93	95	76	93	102	72	71	81
460-262853-1	BCS-21-05 P (4-4.5)	97	99	73	93	108	80	84	98
460-262853-2	BCS-21-06 P (4-4.5)	92	93	79	96	108	77	81	86
460-262853-3	BCS-21-07 P (4-4.5)	92	88	74	101	98	71	76	93
460-262853-4	BCS-21-08 P (4-4.5)	92	91	77	91	103	72	74	75
LCS 200-182357/2-A	Lab Control Sample	69	64	61	93	82	58	55	91
MB 200-182357/1-A	Method Blank	83	84	74	98	99	77	71	95

		Percent Isotope Dilution Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	M282FTS (50-150)	C3PFBS (50-150)
460-262714-A-3-B MS	Matrix Spike	79	83
460-262714-A-3-C MSD	Matrix Spike Duplicate	78	84
460-262853-1	BCS-21-05 P (4-4.5)	99	86
460-262853-2	BCS-21-06 P (4-4.5)	94	85
460-262853-3	BCS-21-07 P (4-4.5)	89	91
460-262853-4	BCS-21-08 P (4-4.5)	80	81
LCS 200-182357/2-A	Lab Control Sample	81	87
MB 200-182357/1-A	Method Blank	91	88

Surrogate Legend

PFHxS = 18O2 PFHxS
C4PFHA = 13C4 PFHpA
PFOA = 13C4 PFOA
PFOS = 13C4 PFOS
PFNA = 13C5 PFNA
PFBA = 13C4 PFBA
PFHxA = 13C2 PFHxA
PFDA = 13C2 PFDA
PFUnA = 13C2 PFUnA
PFDaA = 13C2 PFDaA
PFOSA = 13C8 FOSA
PFPeA = 13C5 PFPeA
PFTDA = 13C2 PFTeDA
d3NMFOS = d3-NMeFOSAA
d5NEFOS = d5-NEtFOSAA
M262FTS = M2-6:2 FTS
M282FTS = M2-8:2 FTS

Isotope Dilution Summary

Client: Roux Environmental Eng & Geology DPC

Job ID: 460-262853-1

Project/Site: Taconic Inwood Lot 21

C3PFBS = 13C3 PFBS

QC Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood Lot 21

Job ID: 460-262853-1

Method: 537 (modified) - Fluorinated Alkyl Substances

Lab Sample ID: MB 200-182357/1-A

Matrix: Solid

Analysis Batch: 182390

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 182357

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Perfluorobutanoic acid (PFBA)	0.50	U	0.50	0.33	ug/Kg		08/04/22 08:35	08/04/22 20:42	1
Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.055	ug/Kg		08/04/22 08:35	08/04/22 20:42	1
Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.046	ug/Kg		08/04/22 08:35	08/04/22 20:42	1
Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.039	ug/Kg		08/04/22 08:35	08/04/22 20:42	1
Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.058	ug/Kg		08/04/22 08:35	08/04/22 20:42	1
Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.034	ug/Kg		08/04/22 08:35	08/04/22 20:42	1
Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.028	ug/Kg		08/04/22 08:35	08/04/22 20:42	1
Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.027	ug/Kg		08/04/22 08:35	08/04/22 20:42	1
Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.025	ug/Kg		08/04/22 08:35	08/04/22 20:42	1
Perfluorotridecanoic acid (PFTriA)	0.20	U	0.20	0.025	ug/Kg		08/04/22 08:35	08/04/22 20:42	1
Perfluorotetradecanoic acid (PFTeA)	0.20	U	0.20	0.026	ug/Kg		08/04/22 08:35	08/04/22 20:42	1
Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.033	ug/Kg		08/04/22 08:35	08/04/22 20:42	1
Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.041	ug/Kg		08/04/22 08:35	08/04/22 20:42	1
Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.023	ug/Kg		08/04/22 08:35	08/04/22 20:42	1
Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.11	ug/Kg		08/04/22 08:35	08/04/22 20:42	1
Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.019	ug/Kg		08/04/22 08:35	08/04/22 20:42	1
Perfluorooctanesulfonamide (FOSA)	0.20	U	0.20	0.034	ug/Kg		08/04/22 08:35	08/04/22 20:42	1
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	U	2.00	0.11	ug/Kg		08/04/22 08:35	08/04/22 20:42	1
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	U	2.00	0.083	ug/Kg		08/04/22 08:35	08/04/22 20:42	1
6:2 FTS	2.00	U	2.00	0.057	ug/Kg		08/04/22 08:35	08/04/22 20:42	1
8:2 FTS	2.00	U	2.00	0.037	ug/Kg		08/04/22 08:35	08/04/22 20:42	1

Isotope Dilution	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
18O2 PFHxS	93		50 - 150	08/04/22 08:35	08/04/22 20:42	1
13C4 PFHpA	96		50 - 150	08/04/22 08:35	08/04/22 20:42	1
13C4 PFOA	97		50 - 150	08/04/22 08:35	08/04/22 20:42	1
13C4 PFOS	89		50 - 150	08/04/22 08:35	08/04/22 20:42	1
13C5 PFNA	97		50 - 150	08/04/22 08:35	08/04/22 20:42	1
13C4 PFBA	95		50 - 150	08/04/22 08:35	08/04/22 20:42	1
13C2 PFHxA	97		50 - 150	08/04/22 08:35	08/04/22 20:42	1
13C2 PFDA	93		50 - 150	08/04/22 08:35	08/04/22 20:42	1
13C2 PFUnA	83		50 - 150	08/04/22 08:35	08/04/22 20:42	1
13C2 PFDoA	84		50 - 150	08/04/22 08:35	08/04/22 20:42	1
13C8 FOSA	74		50 - 150	08/04/22 08:35	08/04/22 20:42	1
13C5 PFPeA	98		50 - 150	08/04/22 08:35	08/04/22 20:42	1
13C2 PFTeDA	99		50 - 150	08/04/22 08:35	08/04/22 20:42	1
d3-NMeFOSAA	77		50 - 150	08/04/22 08:35	08/04/22 20:42	1
d5-NEtFOSAA	71		50 - 150	08/04/22 08:35	08/04/22 20:42	1
M2-6:2 FTS	95		50 - 150	08/04/22 08:35	08/04/22 20:42	1
M2-8:2 FTS	91		50 - 150	08/04/22 08:35	08/04/22 20:42	1
13C3 PFBS	88		50 - 150	08/04/22 08:35	08/04/22 20:42	1

QC Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood Lot 21

Job ID: 460-262853-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 200-182357/2-A

Matrix: Solid

Analysis Batch: 182390

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 182357

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	2.00	1.937		ug/Kg		97	60 - 140
Perfluoropentanoic acid (PFPeA)	2.00	1.981		ug/Kg		99	60 - 140
Perfluorohexanoic acid (PFHxA)	2.00	2.020		ug/Kg		101	60 - 140
Perfluoroheptanoic acid (PFHpA)	2.00	1.953		ug/Kg		98	60 - 140
Perfluorooctanoic acid (PFOA)	2.00	2.002		ug/Kg		100	60 - 140
Perfluorononanoic acid (PFNA)	2.00	1.885		ug/Kg		94	60 - 140
Perfluorodecanoic acid (PFDA)	2.00	1.975		ug/Kg		99	60 - 140
Perfluoroundecanoic acid (PFUnA)	2.00	1.942		ug/Kg		97	60 - 140
Perfluorododecanoic acid (PFDoA)	2.00	2.022		ug/Kg		101	60 - 140
Perfluorotridecanoic acid (PFTriA)	2.00	2.119		ug/Kg		106	60 - 140
Perfluorotetradecanoic acid (PFTeA)	2.00	2.079		ug/Kg		104	60 - 140
Perfluorobutanesulfonic acid (PFBS)	1.77	1.755		ug/Kg		99	60 - 140
Perfluorohexanesulfonic acid (PFHxS)	1.82	1.765		ug/Kg		97	60 - 140
Perfluoroheptanesulfonic acid (PFHpS)	1.90	2.024		ug/Kg		106	60 - 140
Perfluorooctanesulfonic acid (PFOS)	1.86	1.871		ug/Kg		101	60 - 140
Perfluorodecanesulfonic acid (PFDS)	1.93	1.402		ug/Kg		73	60 - 140
Perfluorooctanesulfonamide (FOSA)	2.00	1.944		ug/Kg		97	60 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	2.104		ug/Kg		105	60 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	1.924	J	ug/Kg		96	60 - 140
6:2 FTS	1.90	1.986	J	ug/Kg		105	50 - 150
8:2 FTS	1.92	1.901	J	ug/Kg		99	60 - 140

Isotope Dilution	LCS %Recovery	LCS Qualifier	Limits
18O2 PFHxS	87		50 - 150
13C4 PFHpA	91		50 - 150
13C4 PFOA	94		50 - 150
13C4 PFOS	80		50 - 150
13C5 PFNA	90		50 - 150
13C4 PFBA	92		50 - 150
13C2 PFHxA	90		50 - 150
13C2 PFDA	82		50 - 150
13C2 PFUnA	69		50 - 150
13C2 PFDoA	64		50 - 150
13C8 FOSA	61		50 - 150
13C5 PFPeA	93		50 - 150
13C2 PFTeDA	82		50 - 150
d3-NMeFOSAA	58		50 - 150
d5-NEtFOSAA	55		50 - 150
M2-6:2 FTS	91		50 - 150

QC Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood Lot 21

Job ID: 460-262853-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: LCS 200-182357/2-A

Matrix: Solid

Analysis Batch: 182390

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 182357

	LCS	LCS	
Isotope Dilution	%Recovery	Qualifier	Limits
M2-8:2 FTS	81		50 - 150
13C3 PFBS	87		50 - 150

Lab Sample ID: 460-262714-A-3-B MS

Matrix: Solid

Analysis Batch: 182390

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 182357

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Perfluorobutanoic acid (PFBA)	0.48	U	2.01	2.009		ug/Kg	☼	100	60 - 140
Perfluoropentanoic acid (PFPeA)	0.19	U	2.01	2.030		ug/Kg	☼	101	60 - 140
Perfluorohexanoic acid (PFHxA)	0.19	U	2.01	2.070		ug/Kg	☼	103	60 - 140
Perfluoroheptanoic acid (PFHpA)	0.19	U	2.01	2.041		ug/Kg	☼	102	60 - 140
Perfluorooctanoic acid (PFOA)	0.19	U	2.01	2.121		ug/Kg	☼	106	60 - 140
Perfluorononanoic acid (PFNA)	0.19	U	2.01	2.012		ug/Kg	☼	100	60 - 140
Perfluorodecanoic acid (PFDA)	0.19	U	2.01	2.140		ug/Kg	☼	107	60 - 140
Perfluoroundecanoic acid (PFUnA)	0.19	U	2.01	2.071		ug/Kg	☼	103	60 - 140
Perfluorododecanoic acid (PFDoA)	0.19	U	2.01	2.099		ug/Kg	☼	104	60 - 140
Perfluorotridecanoic acid (PFTriA)	0.19	U	2.01	2.243		ug/Kg	☼	112	60 - 140
Perfluorotetradecanoic acid (PFTeA)	0.19	U	2.01	2.145		ug/Kg	☼	107	60 - 140
Perfluorobutanesulfonic acid (PFBS)	0.19	U	1.78	1.824		ug/Kg	☼	103	60 - 140
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	1.83	1.922		ug/Kg	☼	105	60 - 140
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	1.91	2.156		ug/Kg	☼	113	60 - 140
Perfluorooctanesulfonic acid (PFOS)	0.19	U	1.86	2.073		ug/Kg	☼	111	60 - 140
Perfluorodecanesulfonic acid (PFDS)	0.19	U	1.94	1.977		ug/Kg	☼	102	60 - 140
Perfluorooctanesulfonamide (FOSA)	0.19	U	2.01	2.171		ug/Kg	☼	108	60 - 140
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.91	U	2.01	2.229		ug/Kg	☼	111	60 - 140
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.91	U	2.01	1.980	J	ug/Kg	☼	99	60 - 140
6:2 FTS	1.91	U	1.90	2.151		ug/Kg	☼	113	50 - 150
8:2 FTS	1.91	U	1.92	1.993	J	ug/Kg	☼	104	60 - 140

	MS	MS	
Isotope Dilution	%Recovery	Qualifier	Limits
18O2 PFHxS	85		50 - 150
13C4 PFHpA	96		50 - 150
13C4 PFOA	90		50 - 150
13C4 PFOS	76		50 - 150
13C5 PFNA	89		50 - 150
13C4 PFBA	89		50 - 150
13C2 PFHxA	93		50 - 150
13C2 PFDA	85		50 - 150
13C2 PFUnA	83		50 - 150

Eurofins Edison

QC Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood Lot 21

Job ID: 460-262853-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 460-262714-A-3-B MS

Matrix: Solid

Analysis Batch: 182390

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 182357

	MS	MS	
Isotope Dilution	%Recovery	Qualifier	Limits
13C2 PFD _o A	87		50 - 150
13C8 FOSA	70		50 - 150
13C5 PFPeA	91		50 - 150
13C2 PFTeDA	99		50 - 150
d3-NMeFOSAA	64		50 - 150
d5-NEtFOSAA	66		50 - 150
M2-6:2 FTS	75		50 - 150
M2-8:2 FTS	79		50 - 150
13C3 PFBS	83		50 - 150

Lab Sample ID: 460-262714-A-3-C MSD

Matrix: Solid

Analysis Batch: 182390

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 182357

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Perfluorobutanoic acid (PFBA)	0.48	U	1.98	2.013		ug/Kg	☼	102	60 - 140	0	30
Perfluoropentanoic acid (PFPeA)	0.19	U	1.98	2.069		ug/Kg	☼	105	60 - 140	2	30
Perfluorohexanoic acid (PFHxA)	0.19	U	1.98	2.056		ug/Kg	☼	104	60 - 140	1	30
Perfluoroheptanoic acid (PFHpA)	0.19	U	1.98	2.095		ug/Kg	☼	106	60 - 140	3	30
Perfluorooctanoic acid (PFOA)	0.19	U	1.98	2.078		ug/Kg	☼	105	60 - 140	2	30
Perfluorononanoic acid (PFNA)	0.19	U	1.98	2.037		ug/Kg	☼	103	60 - 140	1	30
Perfluorodecanoic acid (PFDA)	0.19	U	1.98	2.035		ug/Kg	☼	103	60 - 140	5	30
Perfluoroundecanoic acid (PFUnA)	0.19	U	1.98	2.027		ug/Kg	☼	103	60 - 140	2	30
Perfluorododecanoic acid (PFDoA)	0.19	U	1.98	1.959		ug/Kg	☼	99	60 - 140	7	30
Perfluorotridecanoic acid (PFTriA)	0.19	U	1.98	2.032		ug/Kg	☼	103	60 - 140	10	30
Perfluorotetradecanoic acid (PFTeA)	0.19	U	1.98	2.095		ug/Kg	☼	106	60 - 140	2	30
Perfluorobutanesulfonic acid (PFBS)	0.19	U	1.75	1.787		ug/Kg	☼	102	60 - 140	2	30
Perfluorohexanesulfonic acid (PFHxS)	0.19	U	1.80	1.841		ug/Kg	☼	102	60 - 140	4	30
Perfluoroheptanesulfonic acid (PFHpS)	0.19	U	1.88	2.050		ug/Kg	☼	109	60 - 140	5	30
Perfluorooctanesulfonic acid (PFOS)	0.19	U	1.83	1.987		ug/Kg	☼	108	60 - 140	4	30
Perfluorodecanesulfonic acid (PFDS)	0.19	U	1.91	2.075		ug/Kg	☼	109	60 - 140	5	30
Perfluorooctanesulfonamide (FOSA)	0.19	U	1.98	2.140		ug/Kg	☼	108	60 - 140	1	30
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.91	U	1.98	1.992		ug/Kg	☼	101	60 - 140	11	30
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.91	U	1.98	2.071		ug/Kg	☼	105	60 - 140	4	30
6:2 FTS	1.91	U	1.87	2.106		ug/Kg	☼	112	50 - 150	2	30
8:2 FTS	1.91	U	1.89	2.031		ug/Kg	☼	107	60 - 140	2	30

	MSD	MSD	
Isotope Dilution	%Recovery	Qualifier	Limits
18O2 PFHxS	87		50 - 150
13C4 PFHpA	97		50 - 150

Eurofins Edison

QC Sample Results

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood Lot 21

Job ID: 460-262853-1

Method: 537 (modified) - Fluorinated Alkyl Substances (Continued)

Lab Sample ID: 460-262714-A-3-C MSD

Matrix: Solid

Analysis Batch: 182390

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 182357

Isotope Dilution	MSD		Limits
	%Recovery	Qualifier	
13C4 PFOA	94		50 - 150
13C4 PFOS	83		50 - 150
13C5 PFNA	94		50 - 150
13C4 PFBA	94		50 - 150
13C2 PFHxA	96		50 - 150
13C2 PFDA	90		50 - 150
13C2 PFUnA	93		50 - 150
13C2 PFDoA	95		50 - 150
13C8 FOSA	76		50 - 150
13C5 PFPeA	93		50 - 150
13C2 PFTeDA	102		50 - 150
d3-NMeFOSAA	72		50 - 150
d5-NEtFOSAA	71		50 - 150
M2-6:2 FTS	81		50 - 150
M2-8:2 FTS	78		50 - 150
13C3 PFBS	84		50 - 150

Definitions/Glossary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood Lot 21

Job ID: 460-262853-1

Qualifiers

LCMS

Qualifier	Qualifier Description
J	Indicates an estimated value.
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

QC Association Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood Lot 21

Job ID: 460-262853-1

LCMS

Prep Batch: 182357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-262853-1	BCS-21-05 P (4-4.5)	Total/NA	Solid	SHAKE	
460-262853-2	BCS-21-06 P (4-4.5)	Total/NA	Solid	SHAKE	
460-262853-3	BCS-21-07 P (4-4.5)	Total/NA	Solid	SHAKE	
460-262853-4	BCS-21-08 P (4-4.5)	Total/NA	Solid	SHAKE	
MB 200-182357/1-A	Method Blank	Total/NA	Solid	SHAKE	
LCS 200-182357/2-A	Lab Control Sample	Total/NA	Solid	SHAKE	
460-262714-A-3-B MS	Matrix Spike	Total/NA	Solid	SHAKE	
460-262714-A-3-C MSD	Matrix Spike Duplicate	Total/NA	Solid	SHAKE	

Analysis Batch: 182390

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-262853-1	BCS-21-05 P (4-4.5)	Total/NA	Solid	537 (modified)	182357
460-262853-2	BCS-21-06 P (4-4.5)	Total/NA	Solid	537 (modified)	182357
460-262853-3	BCS-21-07 P (4-4.5)	Total/NA	Solid	537 (modified)	182357
460-262853-4	BCS-21-08 P (4-4.5)	Total/NA	Solid	537 (modified)	182357
MB 200-182357/1-A	Method Blank	Total/NA	Solid	537 (modified)	182357
LCS 200-182357/2-A	Lab Control Sample	Total/NA	Solid	537 (modified)	182357
460-262714-A-3-B MS	Matrix Spike	Total/NA	Solid	537 (modified)	182357
460-262714-A-3-C MSD	Matrix Spike Duplicate	Total/NA	Solid	537 (modified)	182357

General Chemistry

Analysis Batch: 182338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-262853-1	BCS-21-05 P (4-4.5)	Total/NA	Solid	Moisture	
460-262853-2	BCS-21-06 P (4-4.5)	Total/NA	Solid	Moisture	
460-262853-3	BCS-21-07 P (4-4.5)	Total/NA	Solid	Moisture	
460-262853-4	BCS-21-08 P (4-4.5)	Total/NA	Solid	Moisture	
460-262853-4 DU	BCS-21-08 P (4-4.5)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood Lot 21

Job ID: 460-262853-1

Client Sample ID: BCS-21-05 P (4-4.5)

Lab Sample ID: 460-262853-1

Date Collected: 07/28/22 13:35

Matrix: Solid

Date Received: 07/29/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	182338	08/03/22 16:46	RWM	ETA BUR

Client Sample ID: BCS-21-05 P (4-4.5)

Lab Sample ID: 460-262853-1

Date Collected: 07/28/22 13:35

Matrix: Solid

Date Received: 07/29/22 18:00

Percent Solids: 77.8

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			182357	08/04/22 08:35	KFW	ETA BUR
Total/NA	Analysis	537 (modified)		1	182390	08/04/22 23:17	ND	ETA BUR

Client Sample ID: BCS-21-06 P (4-4.5)

Lab Sample ID: 460-262853-2

Date Collected: 07/28/22 13:45

Matrix: Solid

Date Received: 07/29/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	182338	08/03/22 16:46	RWM	ETA BUR

Client Sample ID: BCS-21-06 P (4-4.5)

Lab Sample ID: 460-262853-2

Date Collected: 07/28/22 13:45

Matrix: Solid

Date Received: 07/29/22 18:00

Percent Solids: 76.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			182357	08/04/22 08:35	KFW	ETA BUR
Total/NA	Analysis	537 (modified)		1	182390	08/04/22 23:26	ND	ETA BUR

Client Sample ID: BCS-21-07 P (4-4.5)

Lab Sample ID: 460-262853-3

Date Collected: 07/28/22 13:55

Matrix: Solid

Date Received: 07/29/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	182338	08/03/22 16:46	RWM	ETA BUR

Client Sample ID: BCS-21-07 P (4-4.5)

Lab Sample ID: 460-262853-3

Date Collected: 07/28/22 13:55

Matrix: Solid

Date Received: 07/29/22 18:00

Percent Solids: 91.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			182357	08/04/22 08:35	KFW	ETA BUR
Total/NA	Analysis	537 (modified)		1	182390	08/04/22 23:34	ND	ETA BUR

Client Sample ID: BCS-21-08 P (4-4.5)

Lab Sample ID: 460-262853-4

Date Collected: 07/28/22 14:05

Matrix: Solid

Date Received: 07/29/22 18:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	182338	08/03/22 16:46	RWM	ETA BUR

Lab Chronicle

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood Lot 21

Job ID: 460-262853-1

Client Sample ID: BCS-21-08 P (4-4.5)

Lab Sample ID: 460-262853-4

Date Collected: 07/28/22 14:05

Matrix: Solid

Date Received: 07/29/22 18:00

Percent Solids: 89.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	SHAKE			182357	08/04/22 08:35	KFW	ETA BUR
Total/NA	Analysis	537 (modified)		1	182390	08/04/22 23:42	ND	ETA BUR

Laboratory References:

ETA BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Accreditation/Certification Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: Taconic Inwood Lot 21

Job ID: 460-262853-1

Laboratory: Eurofins Burlington

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
ANAB	Dept. of Defense ELAP	L2336	02-25-23
Connecticut	State	PH-0751	09-30-23
DE Haz. Subst. Cleanup Act (HSCA)	State	N/A	05-17-23
Florida	NELAP	E87467	06-30-23
Minnesota	NELAP	050-999-436	12-31-22
New Hampshire	NELAP	2006	12-18-22
New Jersey	NELAP	VT972	06-30-23
New York	NELAP	10391	04-01-23
Pennsylvania	NELAP	68-00489	04-30-23
Rhode Island	State	LAO00298	12-30-22
US Fish & Wildlife	US Federal Programs	058448	07-31-22 *
USDA	US Federal Programs	P330-17-00272	10-30-23
Vermont	State	VT4000	02-10-23
Virginia	NELAP	460209	12-14-22
Wisconsin	State	399133350	08-31-22

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method PFC IDA

Fluorinated Hydrocarbons by Method
PFAS IDA

FORM II
PFAS SURROGATE RECOVERY

Lab Name: Eurofins Burlington Job No.: 460-262853-1
 SDG No.: _____
 Matrix: Solid Level: Low
 GC Column (1): C-18 ID: 4.6 (mm)

Client Sample ID	Lab Sample ID	PFBA #	PFPeA #	C3PFBS #	PFHxA #	C4PFHA #	PFHxS #	M262FTS #	PFOA #
BCS-21-05 P (4-4.5)	460-262853-1	93	93	86	89	93	91	98	91
BCS-21-06 P (4-4.5)	460-262853-2	93	96	85	98	96	90	86	92
BCS-21-07 P (4-4.5)	460-262853-3	97	101	91	101	98	91	93	97
BCS-21-08 P (4-4.5)	460-262853-4	89	91	81	94	95	80	75	91
	MB 200-182357/1-A	95	98	88	97	96	93	95	97
	LCS 200-182357/2-A	92	93	87	90	91	87	91	94
	460-262714-A-3-B MS	89	91	83	93	96	85	75	90
	460-262714-A-3-C MSD	94	93	84	96	97	87	81	94

	<u>QC LIMITS</u>
PFBA = 13C4 PFBA	50-150
PFPeA = 13C5 PFPeA	50-150
C3PFBS = 13C3 PFBS	50-150
PFHxA = 13C2 PFHxA	50-150
PFHxS = 18O2 PFHxS	50-150
C4PFHA = 13C4 PFHpA	50-150
M262FTS = M2-6:2 FTS	50-150
PFOA = 13C4 PFOA	50-150

Column to be used to flag recovery values

FORM II 537 (modified)

FORM II
PFAS SURROGATE RECOVERY

Lab Name: Eurofins Burlington Job No.: 460-262853-1
 SDG No.: _____
 Matrix: Solid Level: Low
 GC Column (1): C-18 ID: 4.6 (mm)

Client Sample ID	Lab Sample ID	PFOS #	PFNA #	PFDA #	M282FTS #	PFOSA #	d3NMFOS #	d5NEFOS #	PFUnA #
BCS-21-05 P (4-4.5)	460-262853-1	85	93	94	99	73	80	84	97
BCS-21-06 P (4-4.5)	460-262853-2	87	93	95	94	79	77	81	92
BCS-21-07 P (4-4.5)	460-262853-3	89	97	92	89	74	71	76	92
BCS-21-08 P (4-4.5)	460-262853-4	78	88	89	80	77	72	74	92
	MB 200-182357/1-A	89	97	93	91	74	77	71	83
	LCS 200-182357/2-A	80	90	82	81	61	58	55	69
	460-262714-A-3-B MS	76	89	85	79	70	64	66	83
	460-262714-A-3-C MSD	83	94	90	78	76	72	71	93

	<u>QC LIMITS</u>
PFOS = 13C4 PFOS	50-150
PFNA = 13C5 PFNA	50-150
PFDA = 13C2 PFDA	50-150
M282FTS = M2-8:2 FTS	50-150
PFOSA = 13C8 FOSA	50-150
d3NMFOS = d3-NMeFOSAA	50-150
d5NEFOS = d5-NEtFOSAA	50-150
PFUnA = 13C2 PFUnA	50-150

Column to be used to flag recovery values

FORM II 537 (modified)

FORM II
PFAS SURROGATE RECOVERY

Lab Name: Eurofins Burlington Job No.: 460-262853-1
 SDG No.: _____
 Matrix: Solid Level: Low
 GC Column (1): C-18 ID: 4.6 (mm)

Client Sample ID	Lab Sample ID	PFD _o A #	PFTDA #
BCS-21-05 P (4-4.5)	460-262853-1	99	108
BCS-21-06 P (4-4.5)	460-262853-2	93	108
BCS-21-07 P (4-4.5)	460-262853-3	88	98
BCS-21-08 P (4-4.5)	460-262853-4	91	103
	MB 200-182357/1-A	84	99
	LCS 200-182357/2-A	64	82
	460-262714-A-3-B MS	87	99
	460-262714-A-3-C MSD	95	102

PFD_oA = 13C2 PFD_oA
 PFTDA = 13C2 PFTeDA

QC LIMITS
50-150
 50-150

Column to be used to flag recovery values

FORM II 537 (modified)

FORM III
PFAS LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Burlington Job No.: 460-262853-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: PA220804D03.d
 Lab ID: LCS 200-182357/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Perfluorobutanoic acid (PFBA)	2.00	1.937	97	60-140	
Perfluoropentanoic acid (PFPeA)	2.00	1.981	99	60-140	
Perfluorohexanoic acid (PFHxA)	2.00	2.020	101	60-140	
Perfluoroheptanoic acid (PFHpA)	2.00	1.953	98	60-140	
Perfluorooctanoic acid (PFOA)	2.00	2.002	100	60-140	
Perfluorononanoic acid (PFNA)	2.00	1.885	94	60-140	
Perfluorodecanoic acid (PFDA)	2.00	1.975	99	60-140	
Perfluoroundecanoic acid (PFUnA)	2.00	1.942	97	60-140	
Perfluorododecanoic acid (PFDoA)	2.00	2.022	101	60-140	
Perfluorotridecanoic acid (PFTriA)	2.00	2.119	106	60-140	
Perfluorotetradecanoic acid (PFTeA)	2.00	2.079	104	60-140	
Perfluorobutanesulfonic acid (PFBS)	1.77	1.755	99	60-140	
Perfluorohexanesulfonic acid (PFHxS)	1.82	1.765	97	60-140	
Perfluoroheptanesulfonic acid (PFHpS)	1.90	2.024	106	60-140	
Perfluorooctanesulfonic acid (PFOS)	1.86	1.871	101	60-140	
Perfluorodecanesulfonic acid (PFDS)	1.93	1.402	73	60-140	
Perfluorooctanesulfonamide (FOSA)	2.00	1.944	97	60-140	
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	2.104	105	60-140	
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	1.924 J	96	60-140	
6:2 FTS	1.90	1.986 J	105	50-150	
8:2 FTS	1.92	1.901 J	99	60-140	
18O2 PFHxS	2.37	2.054	87	50-150	
13C4 PFHpA	2.50	2.279	91	50-150	
13C4 PFOA	2.50	2.345	94	50-150	
13C4 PFOS	2.39	1.921	80	50-150	
13C5 PFNA	2.50	2.238	90	50-150	
13C4 PFBA	2.50	2.312	92	50-150	
13C2 PFHxA	2.50	2.247	90	50-150	
13C2 PFDA	2.50	2.049	82	50-150	
13C2 PFUnA	2.50	1.730	69	50-150	
13C2 PFDoA	2.50	1.612	64	50-150	

Column to be used to flag recovery and RPD values

FORM III
PFAS LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Burlington Job No.: 460-262853-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: PA220804D03.d
 Lab ID: LCS 200-182357/2-A Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
13C8 FOSA	2.50	1.531	61	50-150	
13C5 PFPeA	2.50	2.331	93	50-150	
13C2 PFTeDA	2.50	2.041	82	50-150	
d3-NMeFOSAA	2.50	1.460	58	50-150	
d5-NEtFOSAA	2.50	1.384	55	50-150	
M2-6:2 FTS	2.38	2.154	91	50-150	
M2-8:2 FTS	2.40	1.930	81	50-150	
13C3 PFBS	2.33	2.030	87	50-150	

Column to be used to flag recovery and RPD values
 FORM III 537 (modified)

FORM III
PFAS MATRIX SPIKE RECOVERY

Lab Name: Eurofins Burlington Job No.: 460-262853-1
SDG No.: _____
Matrix: Solid Level: Low Lab File ID: PA220804D07.d
Lab ID: 460-262714-A-3-B MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Perfluorobutanoic acid (PFBA)	2.01	0.48 U	2.009	100	60-140	
Perfluoropentanoic acid (PFPeA)	2.01	0.19 U	2.030	101	60-140	
Perfluorohexanoic acid (PFHxA)	2.01	0.19 U	2.070	103	60-140	
Perfluoroheptanoic acid (PFHpA)	2.01	0.19 U	2.041	102	60-140	
Perfluorooctanoic acid (PFOA)	2.01	0.19 U	2.121	106	60-140	
Perfluorononanoic acid (PFNA)	2.01	0.19 U	2.012	100	60-140	
Perfluorodecanoic acid (PFDA)	2.01	0.19 U	2.140	107	60-140	
Perfluoroundecanoic acid (PFUnA)	2.01	0.19 U	2.071	103	60-140	
Perfluorododecanoic acid (PFDoA)	2.01	0.19 U	2.099	104	60-140	
Perfluorotridecanoic acid (PFTriA)	2.01	0.19 U	2.243	112	60-140	
Perfluorotetradecanoic acid (PFTeA)	2.01	0.19 U	2.145	107	60-140	
Perfluorobutanesulfonic acid (PFBS)	1.78	0.19 U	1.824	103	60-140	
Perfluorohexanesulfonic acid (PFHxS)	1.83	0.19 U	1.922	105	60-140	
Perfluoroheptanesulfonic acid (PFHpS)	1.91	0.19 U	2.156	113	60-140	
Perfluorooctanesulfonic acid (PFOS)	1.86	0.19 U	2.073	111	60-140	
Perfluorodecanesulfonic acid (PFDS)	1.94	0.19 U	1.977	102	60-140	
Perfluorooctanesulfonamide (FOSA)	2.01	0.19 U	2.171	108	60-140	
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.01	1.91 U	2.229	111	60-140	
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.01	1.91 U	1.980 J	99	60-140	
6:2 FTS	1.90	1.91 U	2.151	113	50-150	
8:2 FTS	1.92	1.91 U	1.993 J	104	60-140	
18O2 PFHxS	2.37	1.97	2.012	85	50-150	
13C4 PFHpA	2.51	2.27	2.411	96	50-150	
13C4 PFOA	2.51	2.19	2.262	90	50-150	
13C4 PFOS	2.40	1.79	1.833	76	50-150	
13C5 PFNA	2.51	2.14	2.235	89	50-150	
13C4 PFBA	2.51	2.17	2.227	89	50-150	
13C2 PFHxA	2.51	2.30	2.343	93	50-150	
13C2 PFDA	2.51	2.14	2.140	85	50-150	
13C2 PFUnA	2.51	2.11	2.084	83	50-150	
13C2 PFDoA	2.51	1.98	2.177	87	50-150	

Column to be used to flag recovery and RPD values

FORM III 537 (modified)

FORM III
PFAS MATRIX SPIKE RECOVERY

Lab Name: Eurofins Burlington Job No.: 460-262853-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: PA220804D07.d
 Lab ID: 460-262714-A-3-B MS Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
13C8 FOSA	2.51	1.79	1.768	70	50-150	
13C5 PFPeA	2.51	2.38	2.277	91	50-150	
13C2 PFTeDA	2.51	2.29	2.486	99	50-150	
d3-NMeFOSAA	2.51	1.52	1.595	64	50-150	
d5-NEtFOSAA	2.51	1.58	1.668	66	50-150	
M2-6:2 FTS	2.38	1.87	1.781	75	50-150	
M2-8:2 FTS	2.41	1.88	1.889	79	50-150	
13C3 PFBS	2.33	1.85	1.928	83	50-150	

Column to be used to flag recovery and RPD values
 FORM III 537 (modified)

FORM III
PFAS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Burlington Job No.: 460-262853-1

SDG No.: _____

Matrix: Solid Level: Low Lab File ID: PA220804D08.d

Lab ID: 460-262714-A-3-C MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
Perfluorobutanoic acid (PFBA)	1.98	2.013	102	0	30	60-140	
Perfluoropentanoic acid (PFPeA)	1.98	2.069	105	2	30	60-140	
Perfluorohexanoic acid (PFHxA)	1.98	2.056	104	1	30	60-140	
Perfluoroheptanoic acid (PFHpA)	1.98	2.095	106	3	30	60-140	
Perfluorooctanoic acid (PFOA)	1.98	2.078	105	2	30	60-140	
Perfluorononanoic acid (PFNA)	1.98	2.037	103	1	30	60-140	
Perfluorodecanoic acid (PFDA)	1.98	2.035	103	5	30	60-140	
Perfluoroundecanoic acid (PFUnA)	1.98	2.027	103	2	30	60-140	
Perfluorododecanoic acid (PFDoA)	1.98	1.959	99	7	30	60-140	
Perfluorotridecanoic acid (PFTrIA)	1.98	2.032	103	10	30	60-140	
Perfluorotetradecanoic acid (PFTeA)	1.98	2.095	106	2	30	60-140	
Perfluorobutanesulfonic acid (PFBS)	1.75	1.787	102	2	30	60-140	
Perfluorohexanesulfonic acid (PFHxS)	1.80	1.841	102	4	30	60-140	
Perfluoroheptanesulfonic acid (PFHpS)	1.88	2.050	109	5	30	60-140	
Perfluorooctanesulfonic acid (PFOS)	1.83	1.987	108	4	30	60-140	
Perfluorodecanesulfonic acid (PFDS)	1.91	2.075	109	5	30	60-140	
Perfluorooctanesulfonamide (FOSA)	1.98	2.140	108	1	30	60-140	
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.98	1.992	101	11	30	60-140	
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.98	2.071	105	4	30	60-140	
6:2 FTS	1.87	2.106	112	2	30	50-150	
8:2 FTS	1.89	2.031	107	2	30	60-140	
18O2 PFHxS	2.34	2.043	87			50-150	
13C4 PFHpA	2.47	2.390	97			50-150	
13C4 PFOA	2.47	2.334	94			50-150	
13C4 PFOS	2.36	1.966	83			50-150	
13C5 PFNA	2.47	2.318	94			50-150	
13C4 PFBA	2.47	2.325	94			50-150	
13C2 PFHxA	2.47	2.376	96			50-150	
13C2 PFDA	2.47	2.226	90			50-150	
13C2 PFUnA	2.47	2.305	93			50-150	
13C2 PFDoA	2.47	2.336	95			50-150	

Column to be used to flag recovery and RPD values

FORM III 537 (modified)

FORM III
PFAS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: Eurofins Burlington Job No.: 460-262853-1
 SDG No.: _____
 Matrix: Solid Level: Low Lab File ID: PA220804D08.d
 Lab ID: 460-262714-A-3-C MSD Client ID: _____

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
13C8 FOSA	2.47	1.870	76			50-150	
13C5 PFPeA	2.47	2.300	93			50-150	
13C2 PFTeDA	2.47	2.526	102			50-150	
d3-NMeFOSAA	2.47	1.791	72			50-150	
d5-NEtFOSAA	2.47	1.759	71			50-150	
M2-6:2 FTS	2.35	1.891	81			50-150	
M2-8:2 FTS	2.37	1.844	78			50-150	
13C3 PFBS	2.30	1.923	84			50-150	

Column to be used to flag recovery and RPD values
 FORM III 537 (modified)

FORM IV
PFAS METHOD BLANK SUMMARY

Lab Name: Eurofins Burlington Job No.: 460-262853-1
 SDG No.: _____
 Lab File ID: PA220804D02.d Lab Sample ID: MB 200-182357/1-A
 Matrix: Solid Date Extracted: 08/04/2022 08:35
 Instrument ID: LC812 Date Analyzed: 08/04/2022 20:42
 Level: (Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-182357/2-A	PA220804D03 .d	08/04/2022 20:50
	460-262714-A-3-B MS	PA220804D07 .d	08/04/2022 21:23
	460-262714-A-3-C MSD	PA220804D08 .d	08/04/2022 21:31
BCS-21-05 P (4-4.5)	460-262853-1	PA220804D21 .d	08/04/2022 23:17
BCS-21-06 P (4-4.5)	460-262853-2	PA220804D22 .d	08/04/2022 23:26
BCS-21-07 P (4-4.5)	460-262853-3	PA220804D23 .d	08/04/2022 23:34
BCS-21-08 P (4-4.5)	460-262853-4	PA220804D24 .d	08/04/2022 23:42

FORM VIII
PFAS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Burlington Job No.: 460-262853-1
 SDG No.: _____
 Sample No.: ICIS 200-182319/8 Date Analyzed: 08/03/2022 13:24
 Instrument ID: LC812 GC Column: C-18 ID: 4.6 (mm)
 Lab File ID (Standard): PA220803ICAL08.d Heated Purge: (Y/N) N
 Calibration ID: 48756

	13PFOA					
	AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT	1727269	3.48				
UPPER LIMIT	2590904	3.68				
LOWER LIMIT	863635	3.28				
LAB SAMPLE ID	CLIENT SAMPLE ID					
ICB 200-182319/11		1738669	3.48			
ICV 200-182319/12		2802391*	3.48			
CCVLIS 200-182364/5		1733343	3.47			

13PFOA = 13C2 PFOA

Area Limit = 50%-150% of internal standard area
 RT Limit = $\pm$ 0.2 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
PFAS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Burlington Job No.: 460-262853-1
 SDG No.: _____
 Sample No.: CCVLIS 200-182364/5 Date Analyzed: 08/04/2022 11:09
 Instrument ID: LC812 GC Column: C-18 ID: 4.6 (mm)
 Lab File ID (Standard): PA220804A05.d Heated Purge: (Y/N) N
 Calibration ID: 48756

		13PFOA					
		AREA #	RT #	#	RT #	#	RT #
Low Level 12/24 HOUR STD		1733343	3.47				
UPPER LIMIT		2600015	3.67				
LOWER LIMIT		866672	3.27				
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 200-182390/1		1996974	3.48				
MB 200-182357/1-A		2031005	3.47				
LCS 200-182357/2-A		1843988	3.47				
460-262714-A-3-B MS		2143629	3.47				
460-262714-A-3-C MSD		1730316	3.47				
CCV 200-182390/16		2242345	3.47				
460-262853-1	BCS-21-05 P (4-4.5)	1831528	3.47				
460-262853-2	BCS-21-06 P (4-4.5)	2155545	3.47				
460-262853-3	BCS-21-07 P (4-4.5)	1735997	3.47				
460-262853-4	BCS-21-08 P (4-4.5)	1685066	3.47				
CCV 200-182390/25		2182029	3.47				

13PFOA = 13C2 PFOA

Area Limit = 50%-150% of internal standard area
 RT Limit = $\pm$ 0.2 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 460-262853-1
SDG No.: _____
Client Sample ID: BCS-21-05 P (4-4.5) Lab Sample ID: 460-262853-1
Matrix: Solid Lab File ID: PA220804D21.d
Analysis Method: 537 (modified) Date Collected: 07/28/2022 13:35
Extraction Method: SHAKE Date Extracted: 08/04/2022 08:35
Sample wt/vol: 5.08 (g) Date Analyzed: 08/04/2022 23:17
Con. Extract Vol.: 10 (mL) Dilution Factor: 1
Injection Volume: 20 (uL) GC Column: C-18 ID: 4.6 (mm)
% Moisture: 22.2 % Solids: 77.8 GPC Cleanup: (Y/N) N
Cleanup Factor: _____
Analysis Batch No.: 182390 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	0.63	U	0.63	0.42
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.25	U	0.25	0.070
307-24-4	Perfluorohexanoic acid (PFHxA)	0.25	U	0.25	0.058
375-85-9	Perfluoroheptanoic acid (PFHpA)	0.25	U	0.25	0.049
335-67-1	Perfluorooctanoic acid (PFOA)	0.093	J	0.25	0.073
375-95-1	Perfluorononanoic acid (PFNA)	0.25	U	0.25	0.043
335-76-2	Perfluorodecanoic acid (PFDA)	0.25	U	0.25	0.035
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.25	U	0.25	0.034
307-55-1	Perfluorododecanoic acid (PFDoA)	0.25	U	0.25	0.032
72629-94-8	Perfluorotridecanoic acid (PFTriA)	0.25	U	0.25	0.032
376-06-7	Perfluorotetradecanoic acid (PFTeA)	0.25	U	0.25	0.033
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.25	U	0.25	0.042
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	0.25	U	0.25	0.052
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	0.25	U	0.25	0.029
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.25	U	0.25	0.14
335-77-3	Perfluorodecanesulfonic acid (PFDS)	0.047	J	0.25	0.024
754-91-6	Perfluorooctanesulfonamide (FOSA)	0.25	U	0.25	0.043
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.53	U	2.53	0.14
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.53	U	2.53	0.10
27619-97-2	6:2 FTS	2.53	U	2.53	0.072
39108-34-4	8:2 FTS	2.53	U	2.53	0.047

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Burlington</u>	Job No.: <u>460-262853-1</u>
SDG No.: _____	
Client Sample ID: <u>BCS-21-05 P (4-4.5)</u>	Lab Sample ID: <u>460-262853-1</u>
Matrix: <u>Solid</u>	Lab File ID: <u>PA220804D21.d</u>
Analysis Method: <u>537 (modified)</u>	Date Collected: <u>07/28/2022 13:35</u>
Extraction Method: <u>SHAKE</u>	Date Extracted: <u>08/04/2022 08:35</u>
Sample wt/vol: <u>5.08(g)</u>	Date Analyzed: <u>08/04/2022 23:17</u>
Con. Extract Vol.: <u>10(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>20(uL)</u>	GC Column: <u>C-18</u> ID: <u>4.6 (mm)</u>
% Moisture: <u>22.2</u> % Solids: <u>77.8</u>	GPC Cleanup: (Y/N) <u>N</u>
Cleanup Factor: _____	
Analysis Batch No.: <u>182390</u>	Units: <u>ug/Kg</u>

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00994	18O2 PFHxS	91		50-150
STL01892	13C4 PFHpA	93		50-150
STL00990	13C4 PFOA	91		50-150
STL00991	13C4 PFOS	85		50-150
STL00995	13C5 PFNA	93		50-150
STL00992	13C4 PFBA	93		50-150
STL00993	13C2 PFHxA	89		50-150
STL00996	13C2 PFDA	94		50-150
STL00997	13C2 PFUnA	97		50-150
STL00998	13C2 PFDoA	99		50-150
STL01056	13C8 FOSA	73		50-150
STL01893	13C5 PFPeA	93		50-150
STL02116	13C2 PFTeDA	108		50-150
STL02118	d3-NMeFOSAA	80		50-150
STL02117	d5-NEtFOSAA	84		50-150
STL02279	M2-6:2 FTS	98		50-150
STL02280	M2-8:2 FTS	99		50-150
STL02337	13C3 PFBS	86		50-150

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d
 Lims ID: 460-262853-A-1-A
 Client ID: BCS-21-05 P (4-4.5)
 Sample Type: Client
 Inject. Date: 04-Aug-2022 23:17:56 ALS Bottle#: 21 Worklist Smp#: 21
 Injection Vol: 20.0 ul Dil. Factor: 1.0000
 Sample Info: 460-262853-A-1-A
 Misc. Info.: 200-0051964-021 Plate: 1 Rack: 4
 Operator ID: lc812tech Instrument ID: LC812
 Method: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PFC_LC812.m
 Limit Group: LC_PFC_ICAL
 Last Update: 08-Aug-2022 12:20:08 Calib Date: 03-Aug-2022 13:41:11
 Integrator: Picker
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
 Column 1 : C-18 (4.60 mm) Det: EXP1
 Process Host: CTX1679

First Level Reviewer: nampitakw

Date: 05-Aug-2022 14:03:21

Ratio Calibration: Initial Calibration Level: 4

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										M
217.00 > 172.00	2.077	2.076	0.001	0.599	1984535	1.16		92.8	5332	M
2 Perfluorobutanoic acid										M
212.90 > 169.00	2.069	2.085	-0.016	0.996	20067	0.0130			2.1	M
D 3 13C5 PFPeA										M
267.90 > 223.00	2.378	2.400	-0.022	0.685	1532911	1.17		93.2	2313	M
4 Perfluoropentanoic acid										M
262.90 > 219.00	2.378	2.400	-0.022	1.000	23444	0.0185			0.7	M
D 47 13C3 PFBS										M
301.90 > 80.00	2.404	2.413	-0.009	0.693	1524891	1.00		86.2	121778	M
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.404	2.413	-0.009	1.000	3709	0.002562	Target=2.23		1.7	
298.90 > 99.00	2.391	2.413	-0.022	0.994	1995		1.86(1.11-3.34)		0.6	
6 Perfluorohexanoic acid										M
313.00 > 269.00	2.745	2.750	-0.005	1.004	20060	0.0164	Target=12.24		1.5	M
313.00 > 119.00	2.733	2.750	-0.017	1.000	1948		10.30(6.12-18.36)		2.0	M
D 7 13C2 PFHxA										M
315.00 > 270.00	2.733	2.750	-0.017	0.788	1468984	1.12		89.5	1958	M
D 11 18O2 PFHxS										M
403.00 > 84.00	3.105	3.110	-0.005	0.895	1157107	1.08		91.4	2289	M
8 Perfluorohexanesulfonic acid										M
399.00 > 80.00	3.105	3.110	-0.005	1.000	5211	0.004828	Target=3.43		3.9	M
399.00 > 99.00	3.105	3.110	-0.005	1.000	1421		3.67(1.72-5.15)		0.9	M
D 9 13C4 PFHpA										M
367.00 > 322.00	3.105	3.121	-0.016	0.895	1589117	1.17		93.3	2188	M
10 Perfluoroheptanoic acid										M
363.00 > 319.00	3.105	3.121	-0.016	1.000	10637	0.008119	Target=3.73		1.3	M
363.00 > 169.00	3.105	3.121	-0.016	1.000	3089		3.44(1.86-5.59)		6.8	M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 12 M2-6:2 FTS										M
429.00 > 81.00	3.453	3.465	-0.012	0.995	207485	1.16		97.5	162	M
13 1H,1H,2H,2H-perfluorooctanesulfo										
427.00 > 407.00	3.453	3.465	-0.012	1.000	2049	-0.008760			13.5	
16 Perfluoroheptanesulfonic acid										RM
449.00 > 80.00	3.453	3.465	-0.012	0.911	1476	0.001752	Target=4.89		1.6	RM
449.00 > 99.00	3.453	3.465	-0.012	0.911	141		10.47(2.44-7.33)		0.6	M
15 Perfluorooctanoic acid										RM
413.00 > 369.00	3.479	3.474	0.005	1.003	52788	0.0369	Target=2.67		3.2	RM
413.00 > 169.00	3.461	3.474	-0.013	0.997	10499		5.03(1.34-4.01)		19.1	M
D 14 13C4 PFOA										M
417.00 > 372.00	3.470	3.474	-0.004	1.000	1595597	1.14		91.5	2149	M
* 62 13C2 PFOA										M
415.00 > 370.00	3.470	3.474	-0.004		1831528	1.25			2830	M
17 Perfluorooctanesulfonic acid										M
499.00 > 80.00	3.789	3.792	-0.003	1.000	37962	0.0375	Target=4.88		21.4	M
499.00 > 99.00	3.789	3.792	-0.003	1.000	10601		3.58(2.44-7.32)		15.4	M
D 18 13C4 PFOS										M
503.00 > 80.00	3.789	3.792	-0.003	1.092	814706	1.02		85.3	974	M
20 Perfluorononanoic acid										M
463.00 > 419.00	3.808	3.812	-0.004	1.000	6806	0.004951	Target=8.23		1.0	M
463.00 > 169.00	3.808	3.812	-0.004	1.000	1070		6.36(4.11-12.34)		7.4	M
D 19 13C5 PFNA										M
468.00 > 423.00	3.808	3.812	-0.004	1.098	1688816	1.17		93.2	2213	M
24 Perfluorodecanoic acid										M
513.00 > 469.00	4.114	4.116	-0.002	1.000	8853	0.006339	Target=9.67		2.3	
513.00 > 169.00	4.114	4.116	-0.002	1.000	818		10.82(4.83-14.50)		3.3	M
D 23 13C2 PFDA										M
515.00 > 470.00	4.114	4.116	-0.002	1.186	1659877	1.18		94.2	2280	M
25 1H,1H,2H,2H-perfluorodecanesulfo										M
527.00 > 507.00	4.114	4.127	-0.013	0.997	247	0.001200			4.1	M
D 26 M2-8:2 FTS										
529.00 > 81.00	4.126	4.127	-0.001	1.189	255334	1.18		98.9	262	
D 21 13C8 FOSA										M
506.00 > 78.00	4.149	4.161	-0.012	1.196	1129198	0.9149		73.2	1409	M
22 Perfluorooctanesulfonamide										M
498.00 > 78.00	4.160	4.161	-0.001	1.003	1903	0.002067			9.0	M
28 N-methylperfluorooctanesulfonami										M
570.00 > 419.00	4.272	4.261	0.011	1.003	743	0.005509			2.6	M
D 27 d3-NMeFOSAA										M
573.00 > 419.00	4.260	4.261	-0.001	1.228	189840	1.00		80.4	957	M
29 Perfluorodecanesulfonic acid										M
599.00 > 80.00	4.352	4.365	-0.013	1.149	7422	0.0187	Target=2.80		10.8	M
599.00 > 99.00	4.352	4.365	-0.013	1.149	3541		2.10(1.40-4.20)		13.4	M
D 30 13C2 PFUnA										M
565.00 > 520.00	4.386	4.387	-0.001	1.264	1295189	1.21		97.0	1865	M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
31 Perfluoroundecanoic acid										M
563.00 > 519.00	4.386	4.387	-0.001	1.000	2925	0.002665	Target=9.07		1.6	M
563.00 > 169.00	4.397	4.387	0.010	1.003	460		6.36(4.54-13.61)		4.4	M
33 N-ethylperfluorooctanesulfonamid										M
584.00 > 419.00	4.409	4.399	0.010	1.003	600	0.004393			9.8	M
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.397	4.399	-0.002	1.267	188042	1.05		84.1	650	
D 36 13C2 PFDaA										M
615.00 > 570.00	4.632	4.633	-0.001	1.335	1376453	1.24		99.5	1920	M
37 Perfluorododecanoic acid										M
613.00 > 569.00	4.632	4.633	-0.001	1.000	4917	0.004403	Target=6.97		1.3	M
613.00 > 169.00	4.632	4.633	-0.001	1.000	608		8.09(3.48-10.45)		7.0	M
41 Perfluorotridecanoic acid										M
663.00 > 619.00	4.858	4.859	-0.001	1.049	5012	0.005177	Target=4.56		1.4	M
663.00 > 169.00	4.847	4.859	-0.012	1.046	895		5.60(2.28-6.84)		5.6	M
D 43 13C2 PFTeDA										M
715.00 > 670.00	5.061	5.052	0.009	1.458	1218528	1.35		108	2583	M
42 Perfluorotetradecanoic acid										M
713.00 > 169.00	5.061	5.052	0.009	1.000	534	0.003419	Target=0.94		6.3	M
713.00 > 219.00	5.061	5.052	0.009	1.000	741		0.72(0.47-1.41)		9.1	

QC Flag Legend

Processing Flags

R - Failed Signal Ratio Test

Review Flags

M - Manually Integrated

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d

Injection Date: 04-Aug-2022 23:17:56

Instrument ID: LC812

Lims ID: 460-262853-A-1-A

Lab Sample ID: 200-262853-1

Client ID: BCS-21-05 P (4-4.5)

Operator ID: lc812tech

ALS Bottle#: 21

Worklist Smp#: 21

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

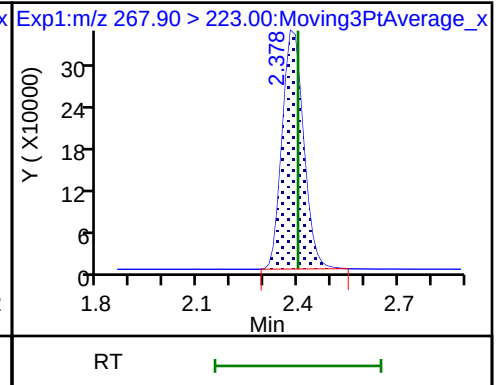
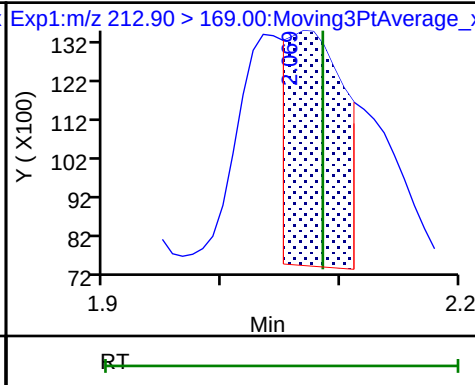
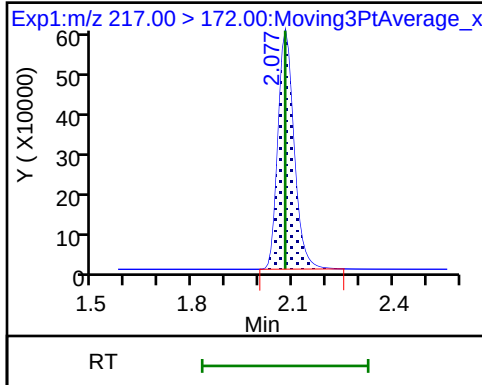
Method: PFC_LC812

Limit Group: LC_PFC_ICAL

D 1 13C4 PFBA (M)

2 Perfluorobutanoic acid (M)

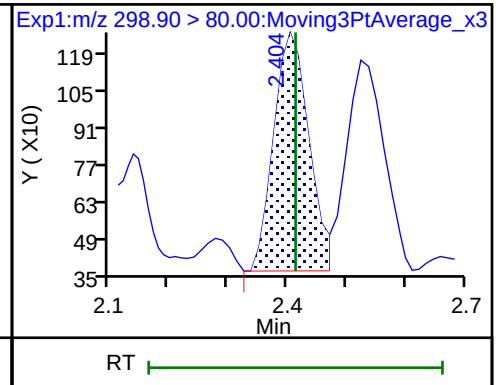
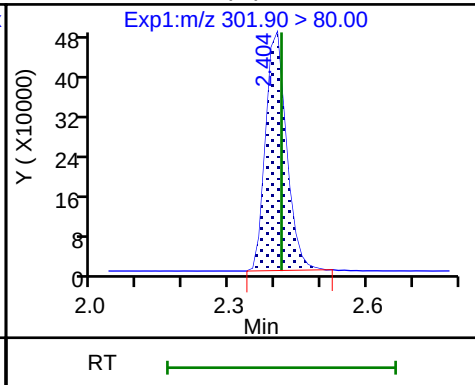
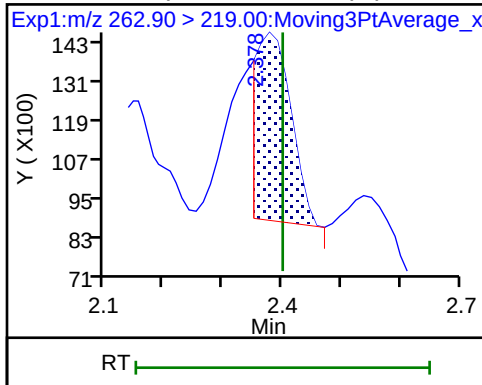
D 3 13C5 PFPeA (M)



4 Perfluoropentanoic acid (M)

D 47 13C3 PFBS (M)

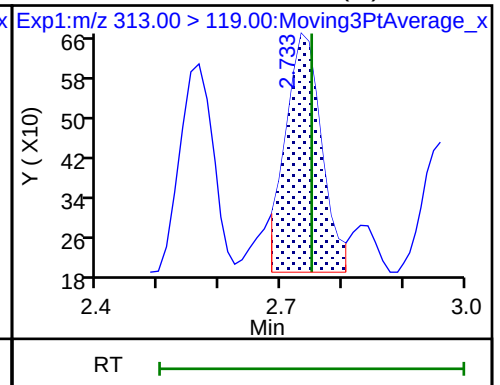
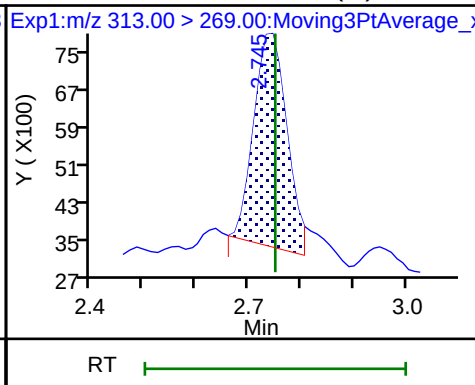
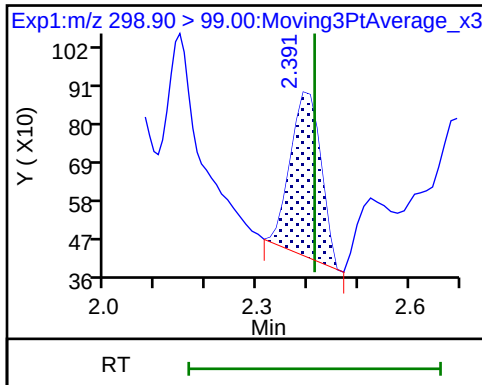
5 Perfluorobutanesulfonic acid



5 Perfluorobutanesulfonic acid

6 Perfluorohexanoic acid (M)

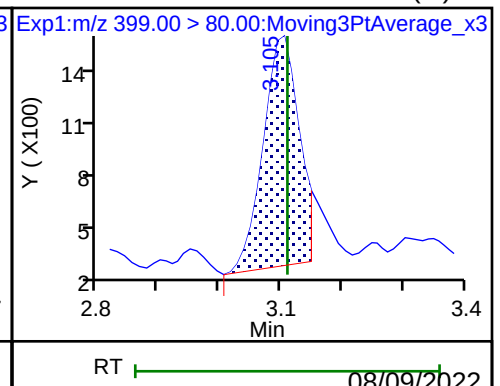
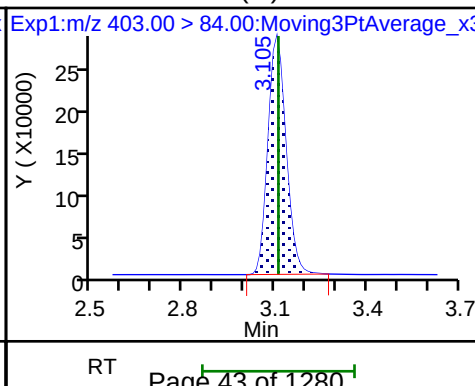
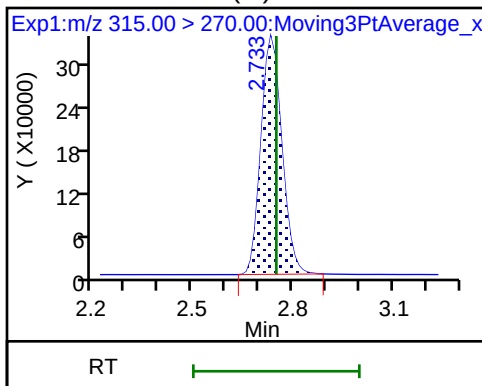
6 Perfluorohexanoic acid (M)

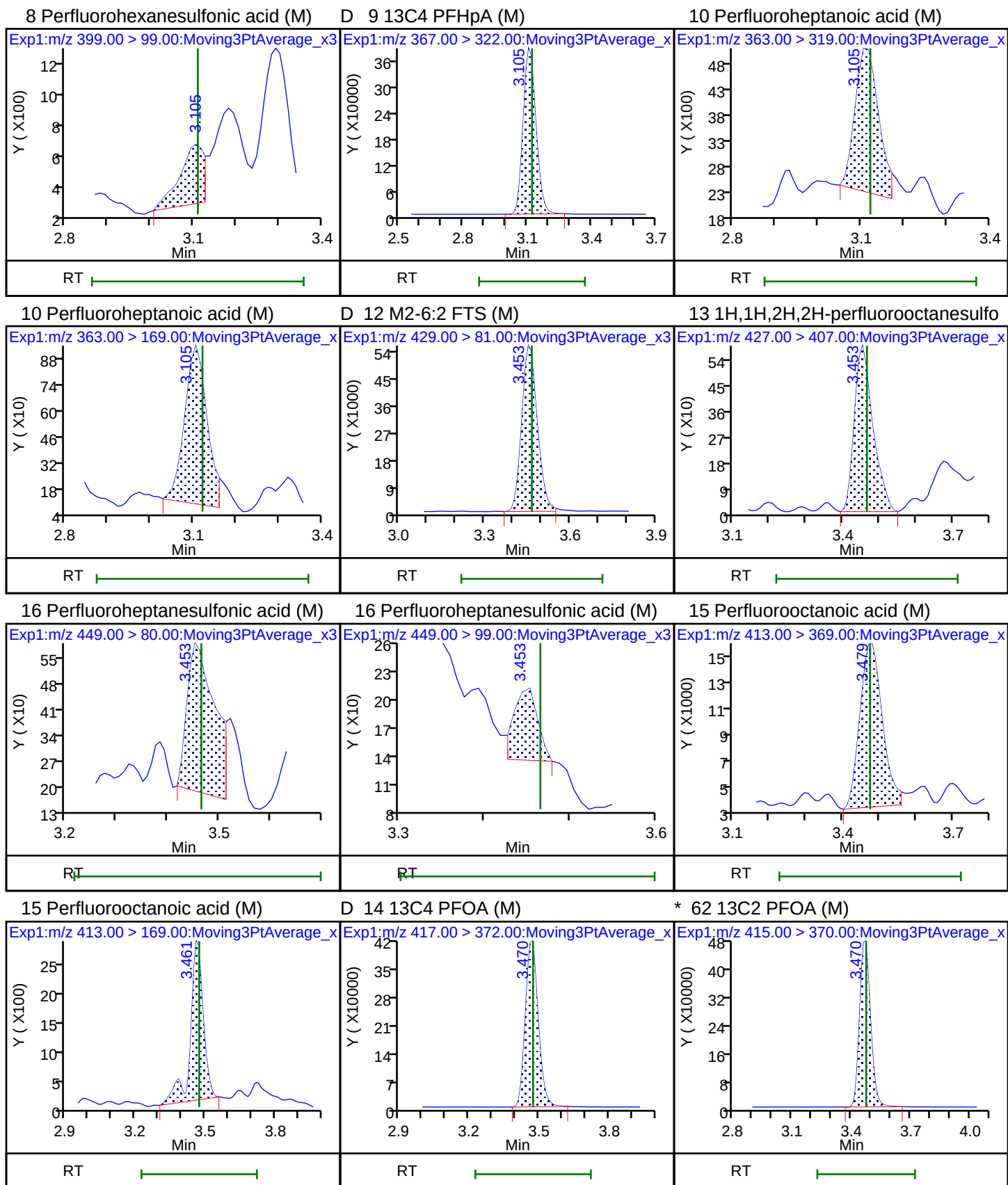


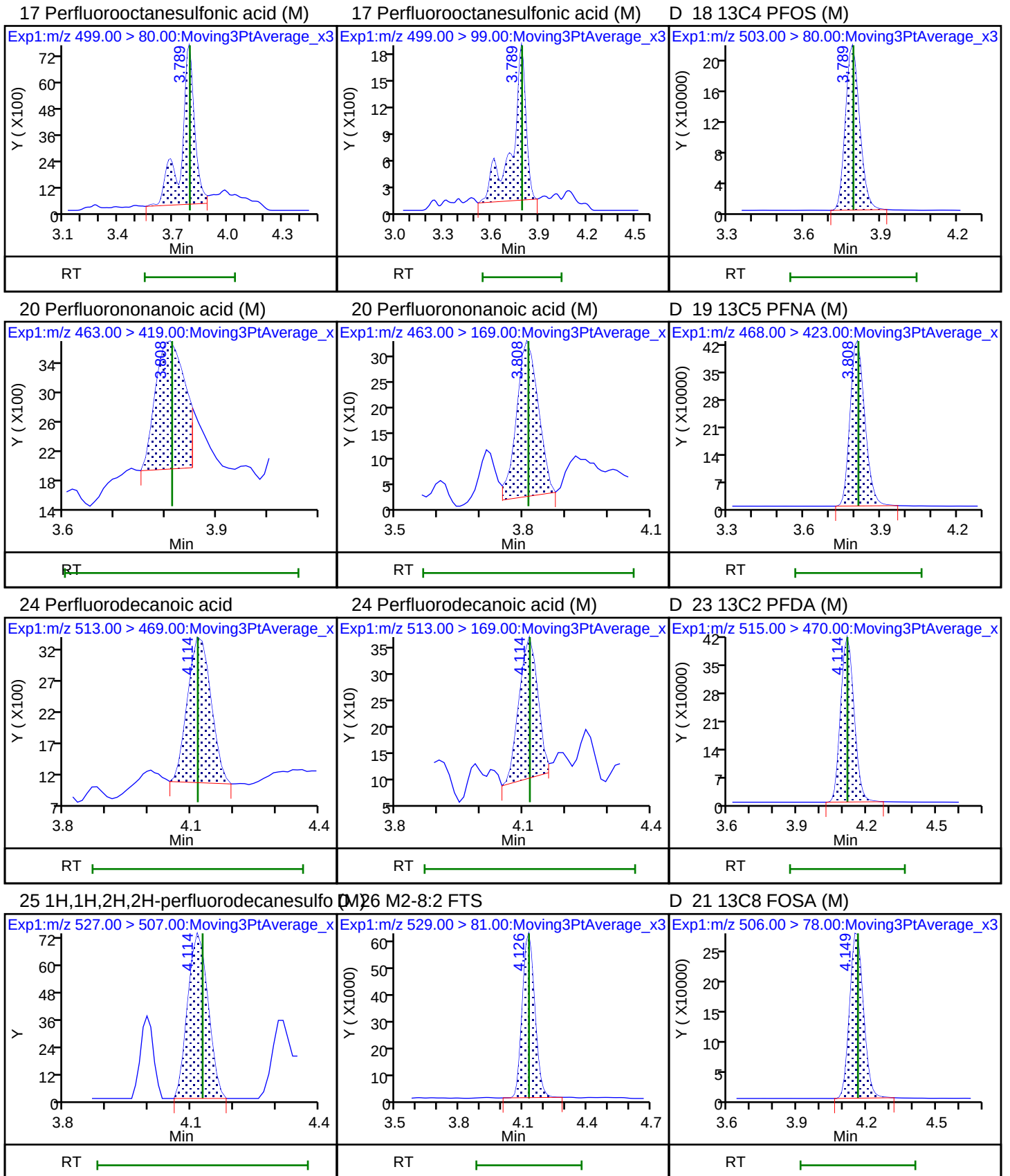
D 7 13C2 PFHxA (M)

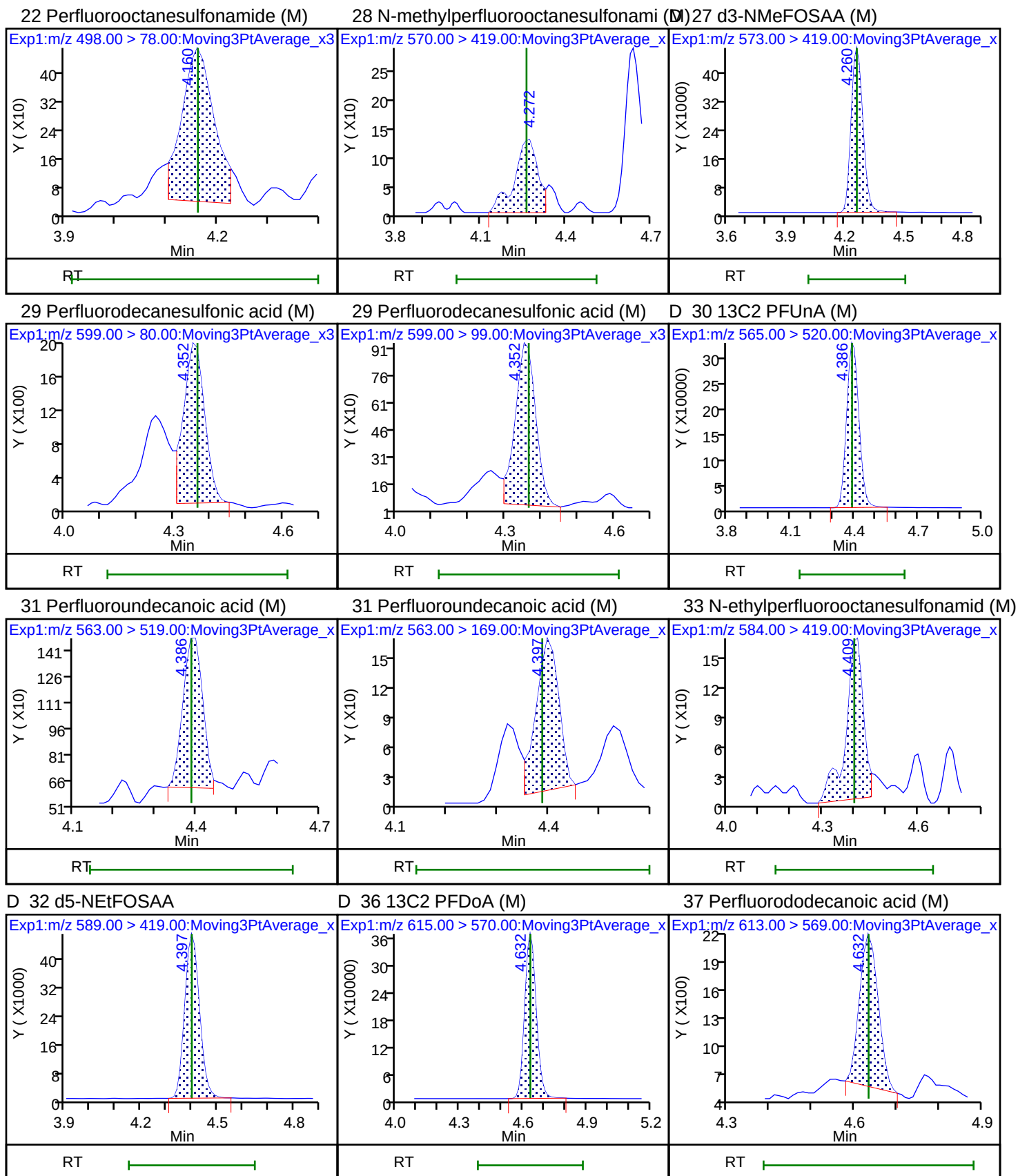
D 11 18O2 PFHxS (M)

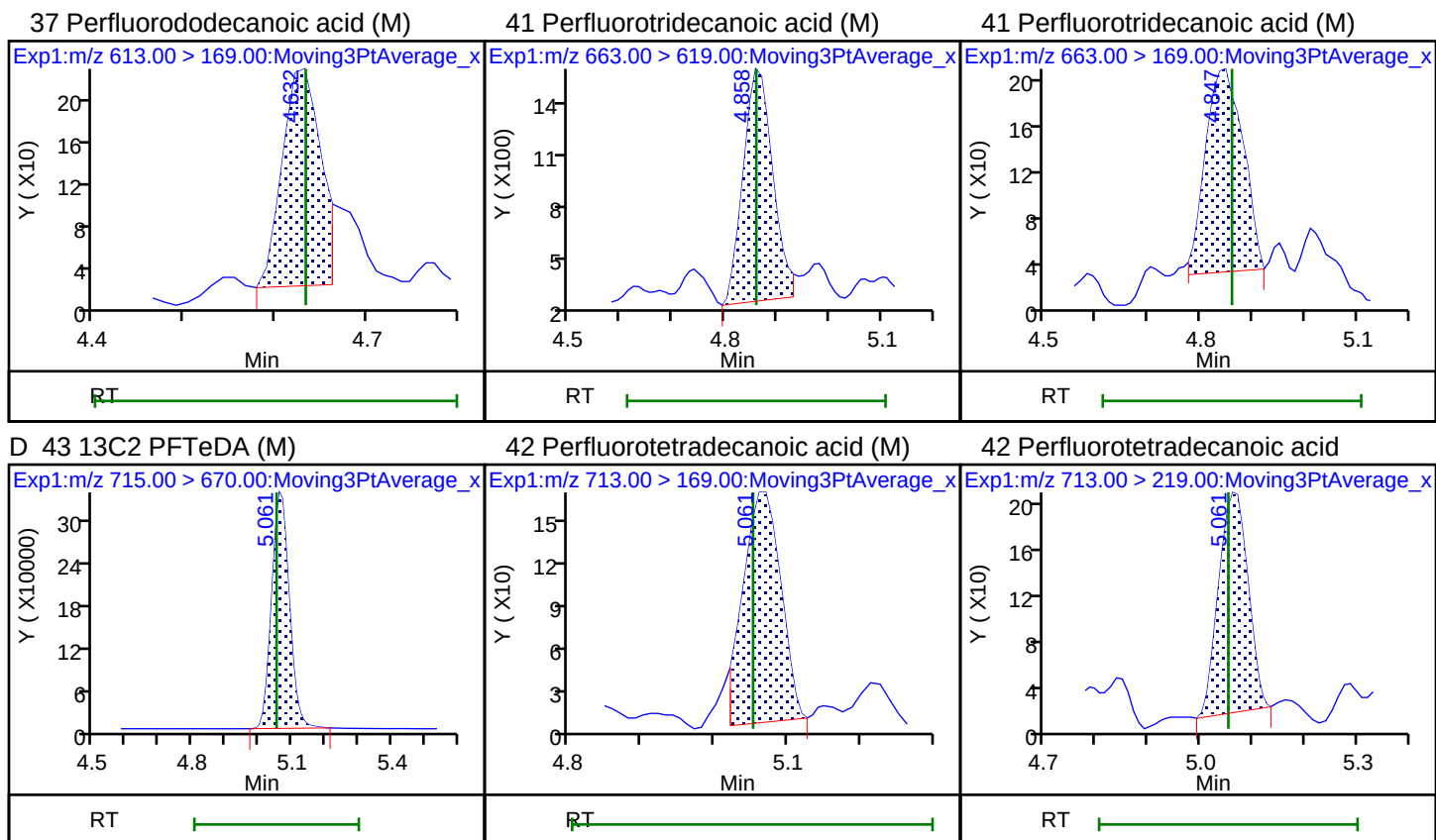
8 Perfluorohexanesulfonic acid (M)











Eurofins Burlington

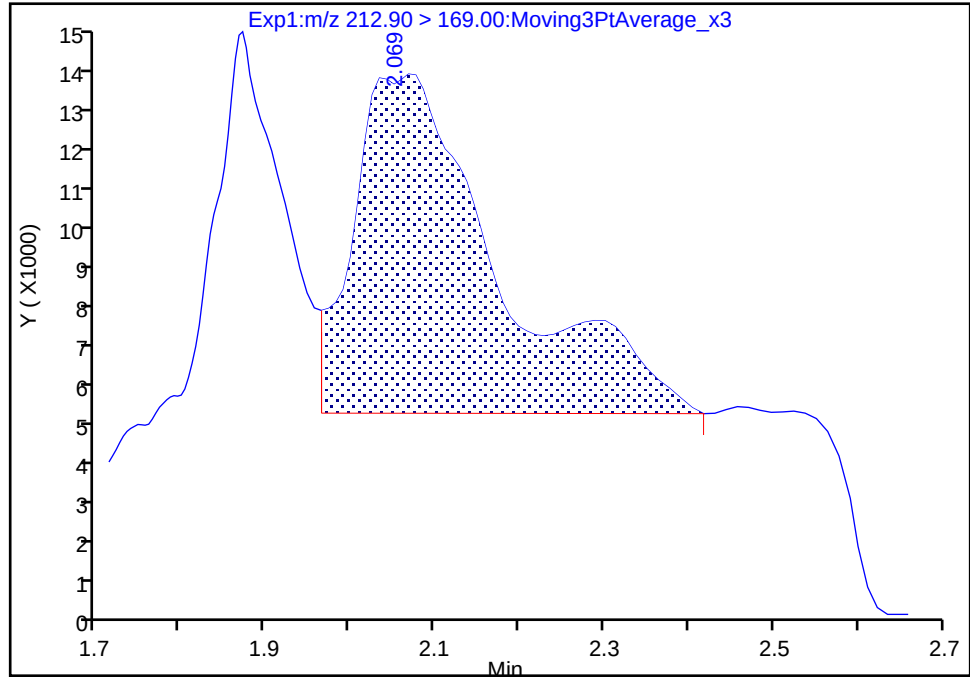
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Injection Date: 04-Aug-2022 23:17:56 Instrument ID: LC812
Lims ID: 460-262853-A-1-A Lab Sample ID: 200-262853-1
Client ID: BCS-21-05 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

2 Perfluorobutanoic acid, CAS: 375-22-4

Signal: 1

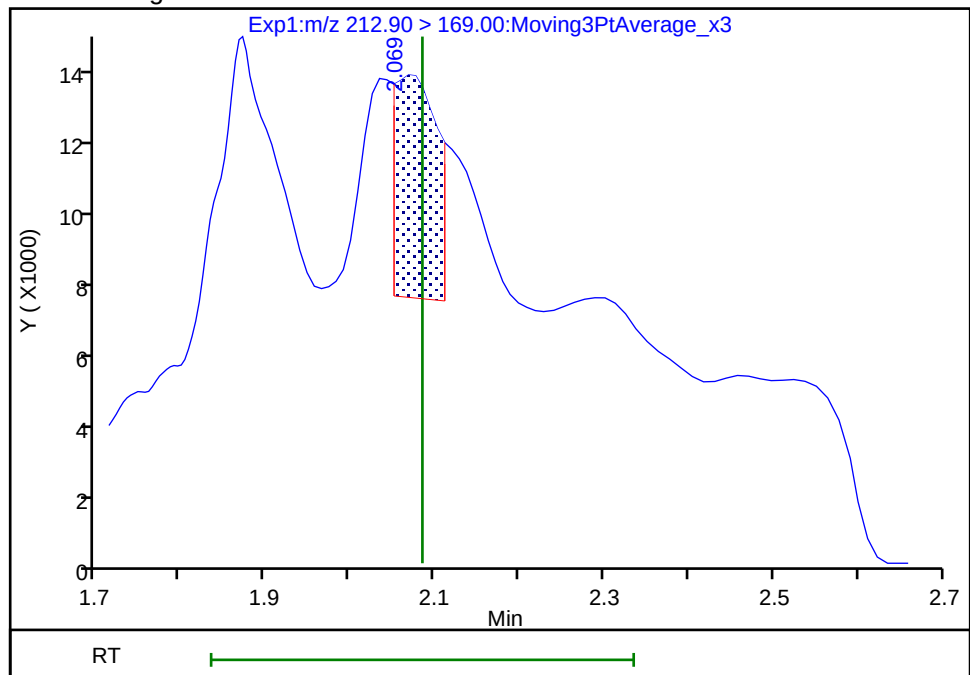
RT: 2.07
Area: 99729
Amount: 0.064479
Amount Units: ng/ml

Processing Integration Results



RT: 2.07
Area: 20067
Amount: 0.013035
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 13:58:58
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

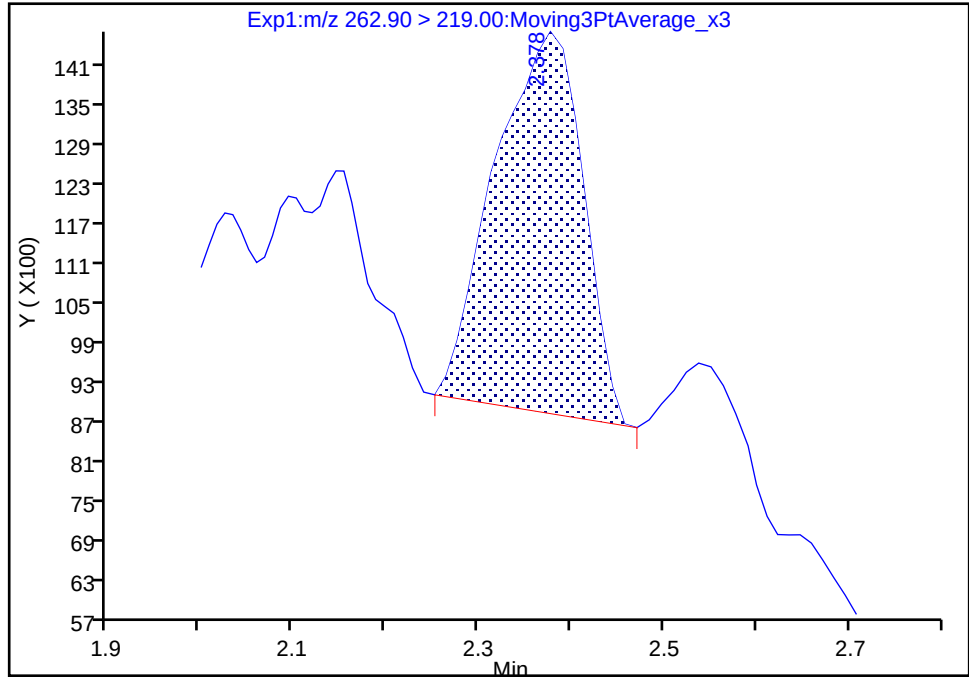
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Lims ID: 460-262853-A-1-A Lab Sample ID: 200-262853-1
Client ID: BCS-21-05 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

4 Perfluoropentanoic acid, CAS: 2706-90-3

Signal: 1

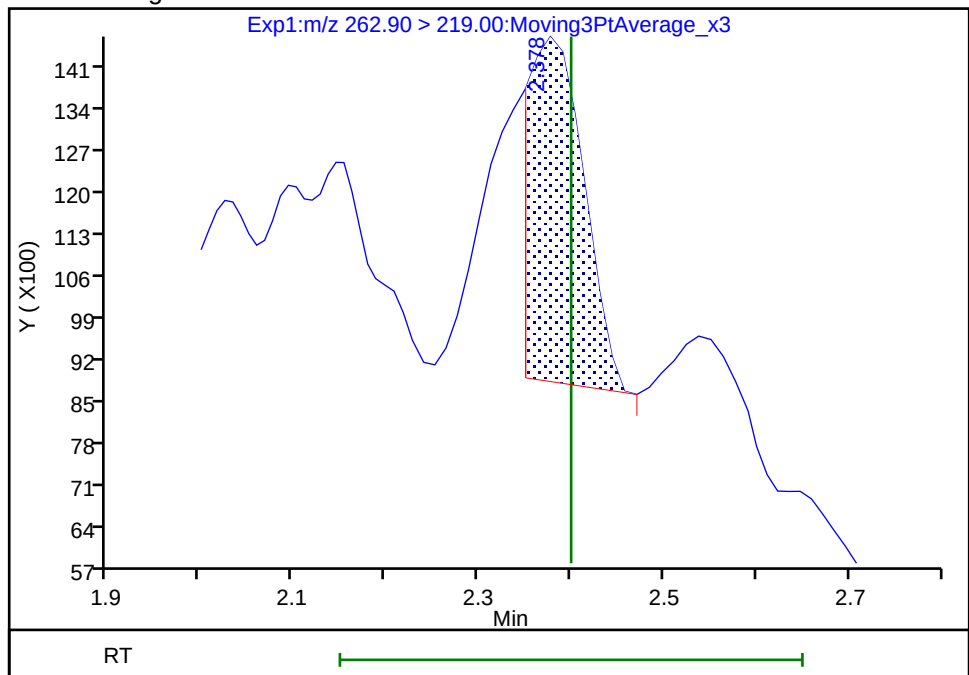
RT: 2.38
Area: 38427
Amount: 0.030297
Amount Units: ng/ml

Processing Integration Results



RT: 2.38
Area: 23444
Amount: 0.018544
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 13:59:02
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

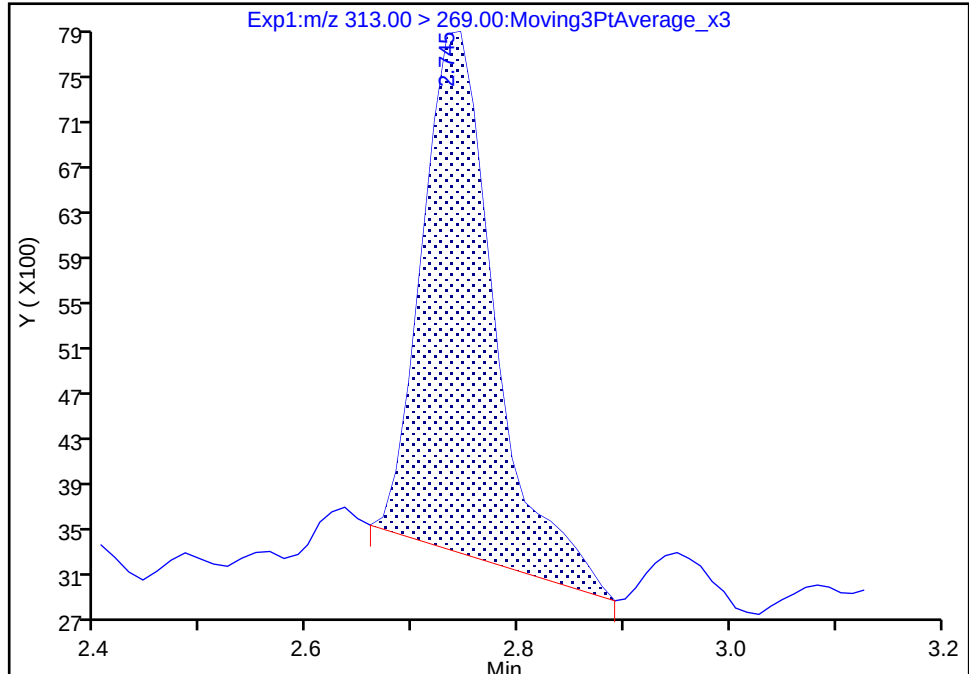
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Injection Date:	04-Aug-2022 23:17:56	Instrument ID:	LC812
Lims ID:	460-262853-A-1-A	Lab Sample ID:	200-262853-1
Client ID:	BCS-21-05 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	21
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	21

6 Perfluorohexanoic acid, CAS: 307-24-4

Signal: 1

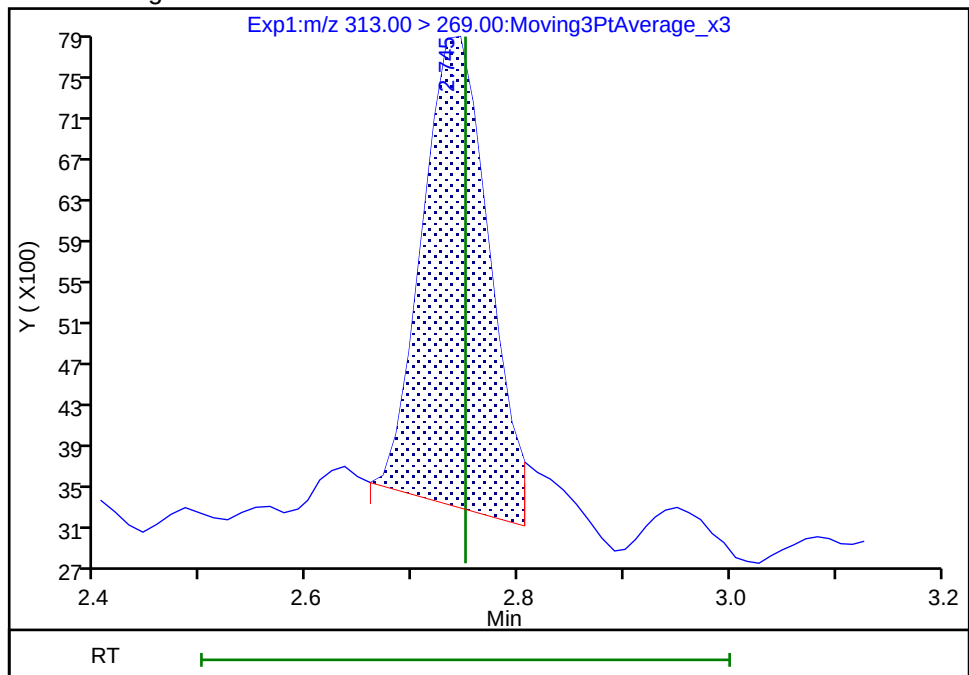
RT: 2.74
Area: 21897
Amount: 0.017793
Amount Units: ng/ml

Processing Integration Results



RT: 2.74
Area: 20060
Amount: 0.016359
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 13:59:13

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

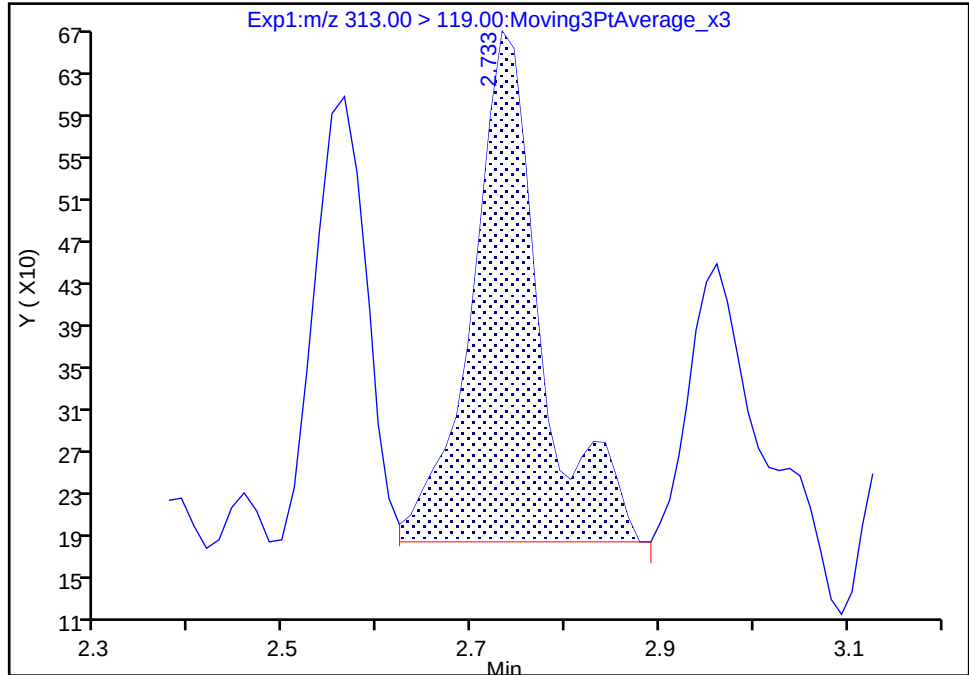
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Injection Date: 04-Aug-2022 23:17:56 Instrument ID: LC812
Lims ID: 460-262853-A-1-A Lab Sample ID: 200-262853-1
Client ID: BCS-21-05 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

6 Perfluorohexanoic acid, CAS: 307-24-4

Signal: 2

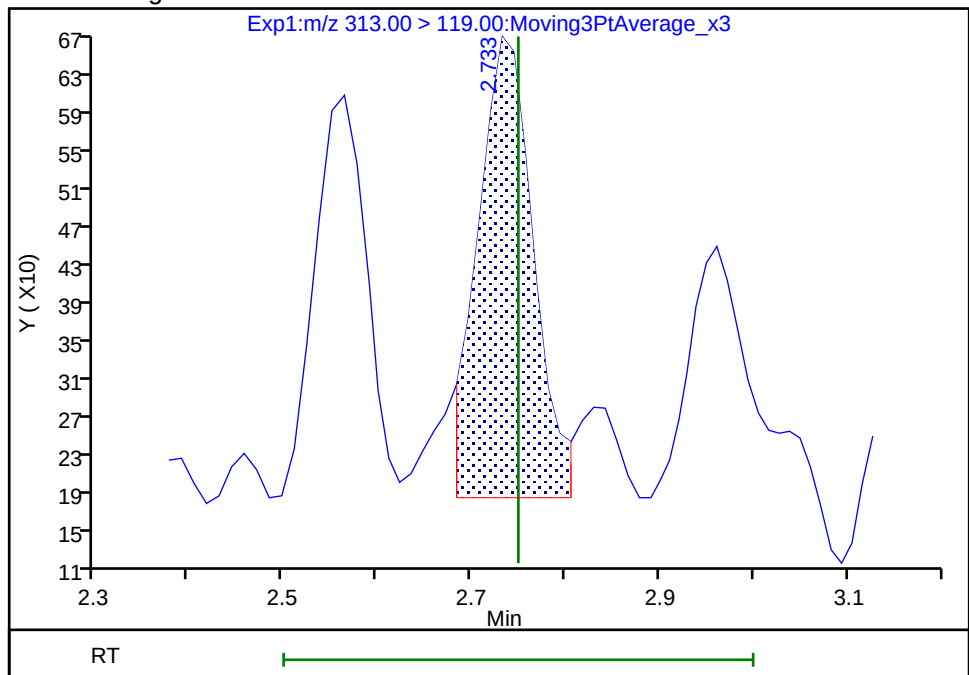
RT: 2.73
Area: 2440
Amount: 0.017793
Amount Units: ng/ml

Processing Integration Results



RT: 2.73
Area: 1948
Amount: 0.016359
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 13:59:18

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

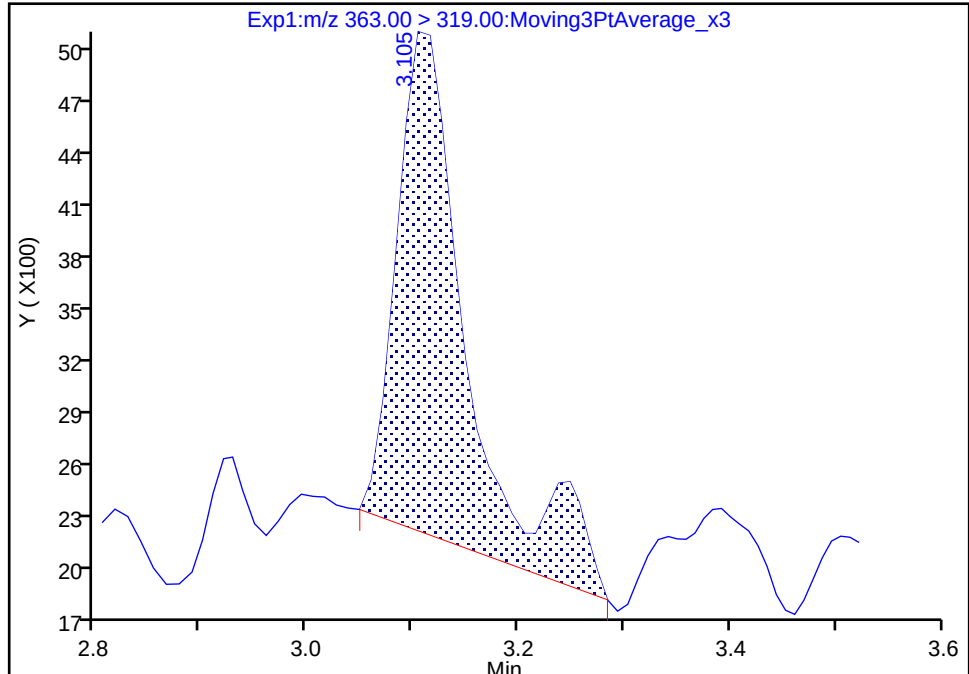
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Injection Date:	04-Aug-2022 23:17:56	Instrument ID:	LC812		
Lims ID:	460-262853-A-1-A	Lab Sample ID:	200-262853-1		
Client ID:	BCS-21-05 P (4-4.5)				
Operator ID:	lc812tech	ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	20.0 ul	Dil. Factor:	1.0000		
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL		
Column:	C-18 (4.60 mm)	Detector	EXP1		

10 Perfluoroheptanoic acid, CAS: 375-85-9

Signal: 1

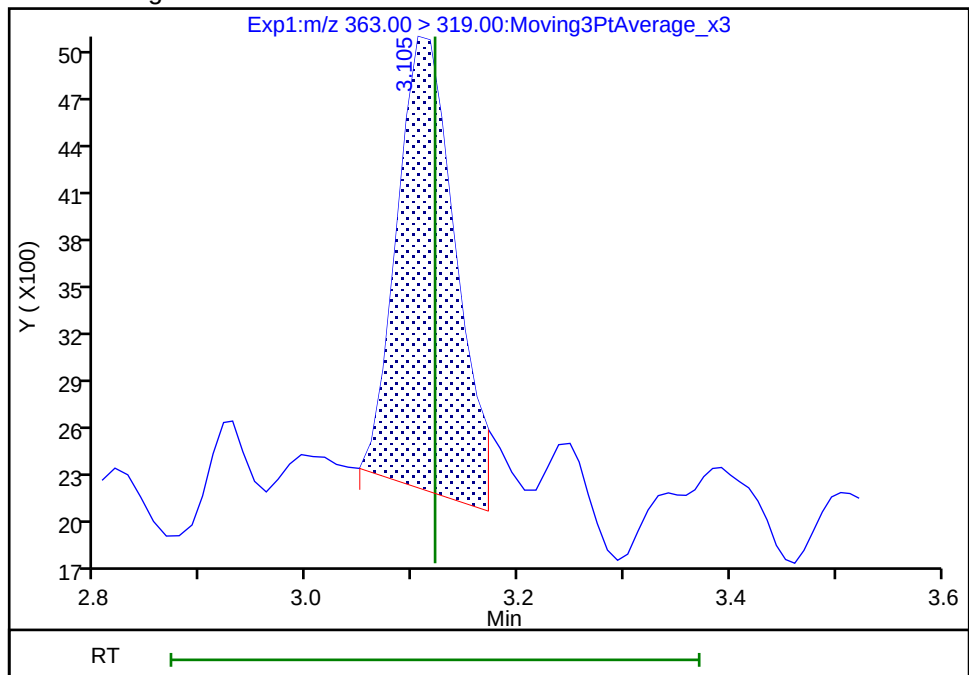
RT: 3.11
Area: 12967
Amount: 0.009825
Amount Units: ng/ml

Processing Integration Results



RT: 3.11
Area: 10637
Amount: 0.008119
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 13:59:40
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

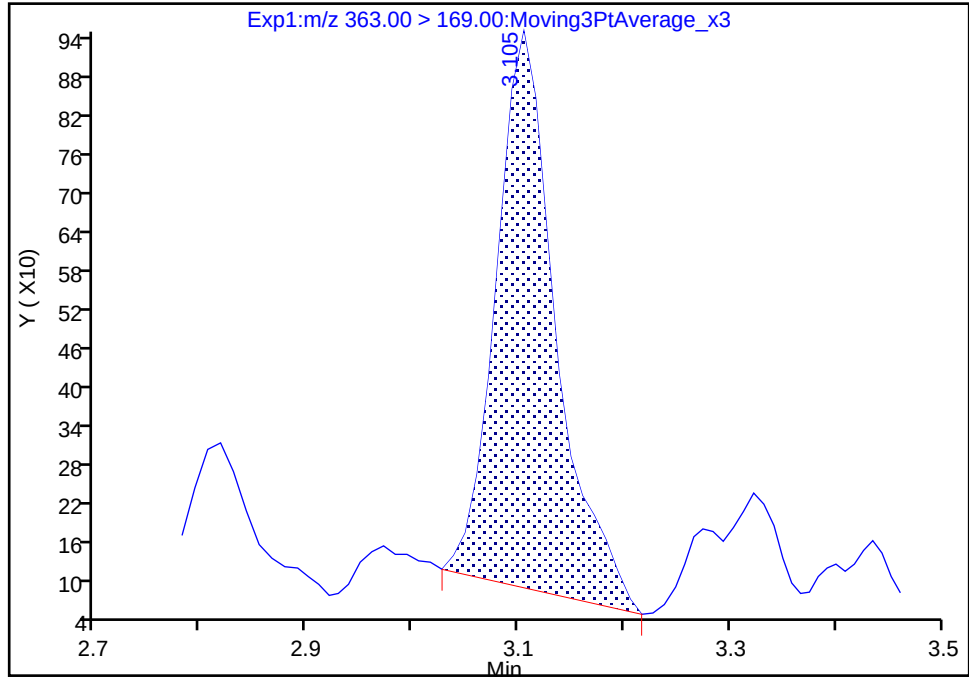
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Injection Date: 04-Aug-2022 23:17:56 Instrument ID: LC812
Lims ID: 460-262853-A-1-A Lab Sample ID: 200-262853-1
Client ID: BCS-21-05 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

10 Perfluoroheptanoic acid, CAS: 375-85-9

Signal: 2

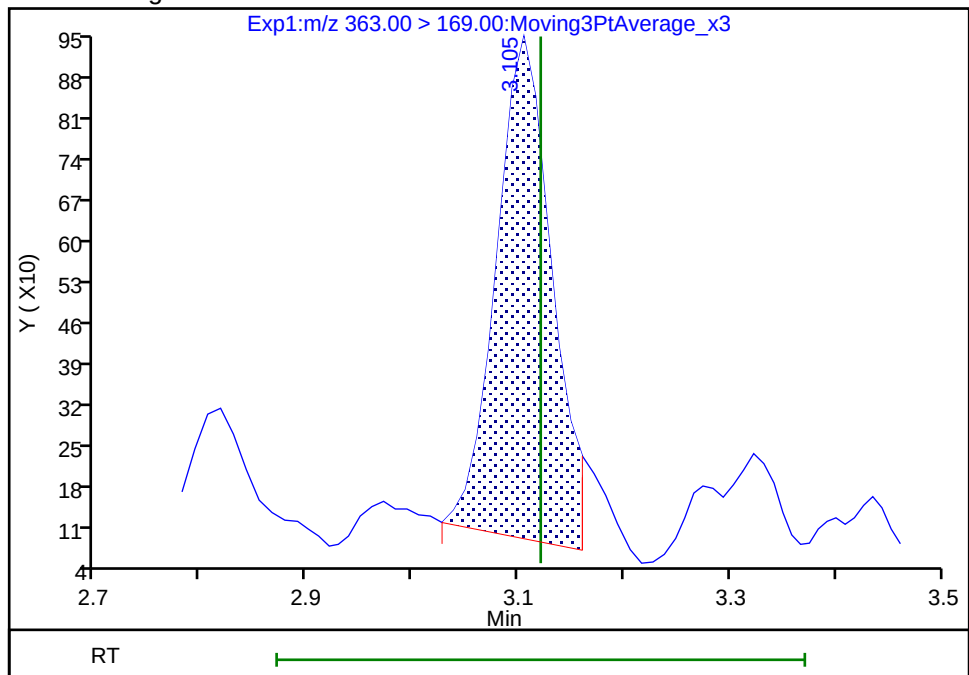
RT: 3.11
Area: 3361
Amount: 0.009825
Amount Units: ng/ml

Processing Integration Results



RT: 3.11
Area: 3089
Amount: 0.008119
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 13:59:42

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

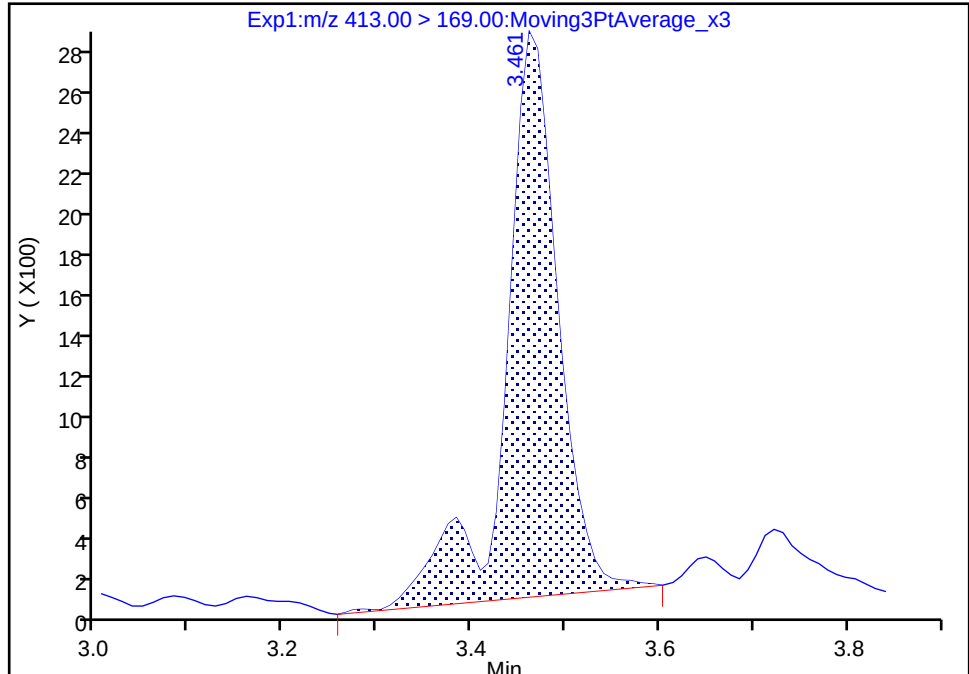
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Lims ID:	460-262853-A-1-A	Lab Sample ID:	200-262853-1
Client ID:	BCS-21-05 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	21
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	21

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 2

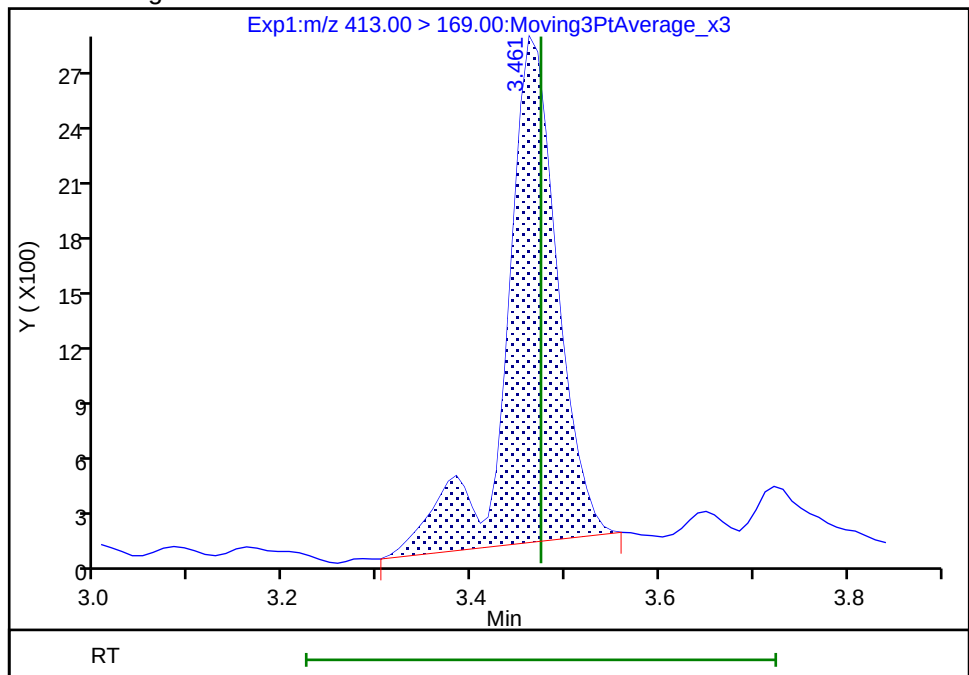
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Area: 10945
Amount: 0.034062
Amount Units: ng/ml

Processing Integration Results



RT: 3.46
Area: 10499
Amount: 0.036878
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:00:09
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

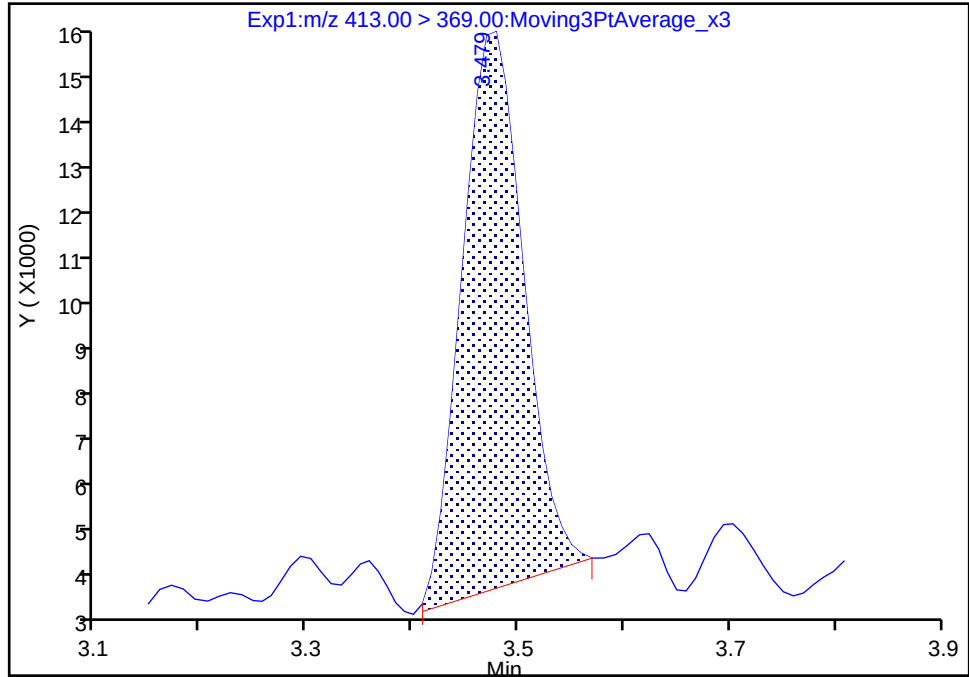
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Injection Date: 04-Aug-2022 23:17:56 Instrument ID: LC812
Lims ID: 460-262853-A-1-A Lab Sample ID: 200-262853-1
Client ID: BCS-21-05 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 1

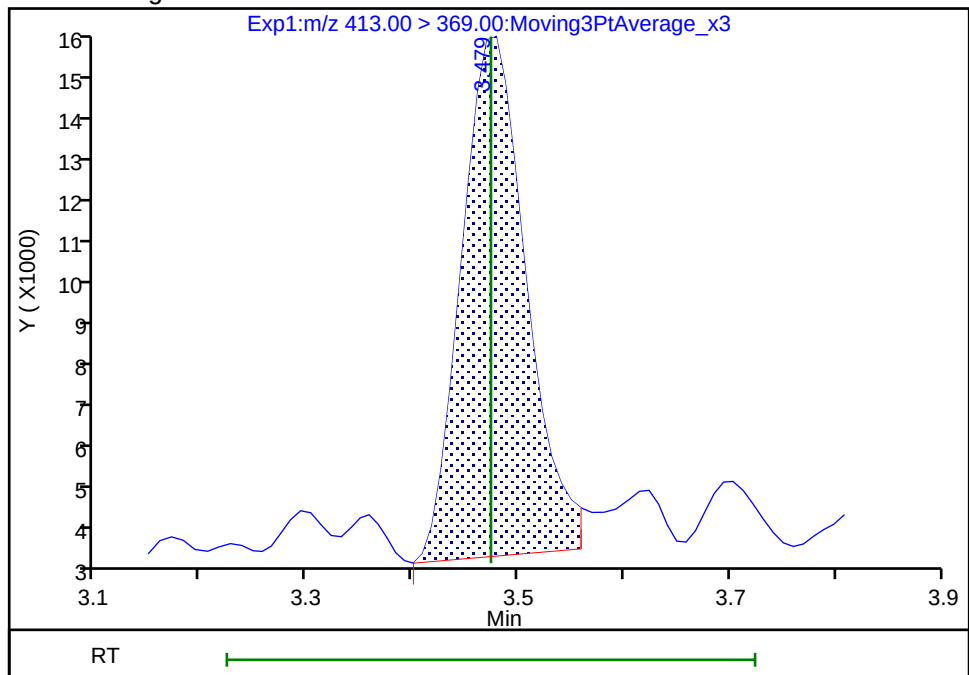
RT: 3.48
Area: 49003
Amount: 0.034062
Amount Units: ng/ml

Processing Integration Results



RT: 3.48
Area: 52788
Amount: 0.036878
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:00:17

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

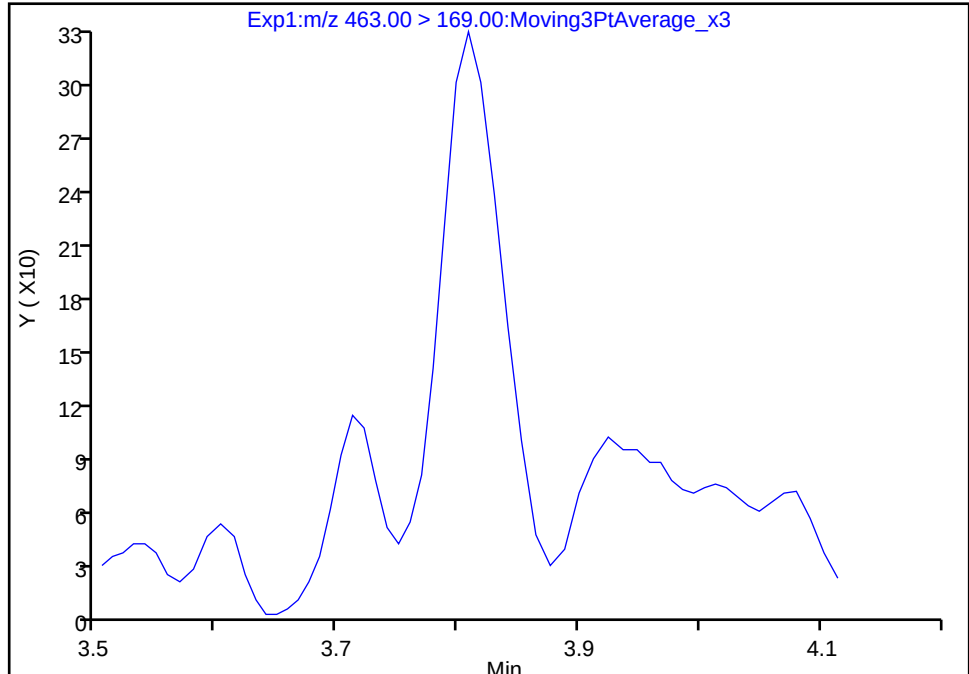
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Lims ID:	460-262853-A-1-A	Lab Sample ID:	200-262853-1		
Client ID:	BCS-21-05 P (4-4.5)				
Operator ID:	lc812tech	ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	20.0 ul	Dil. Factor:	1.0000		
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL		
Column:	C-18 (4.60 mm)	Detector	EXP1		

20 Perfluorononanoic acid, CAS: 375-95-1

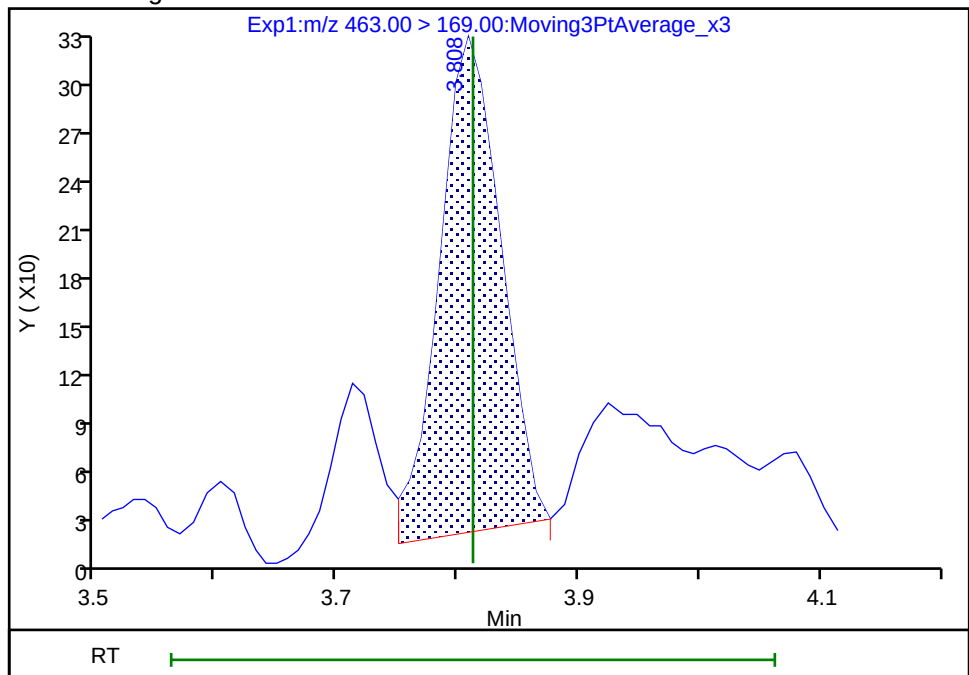
Signal: 2

Not Detected
Expected RT: 3.81

Processing Integration Results



Manual Integration Results



RT: 3.81
Area: 1070
Amount: 0.004951
Amount Units: ng/ml

Reviewer: nampitakw, 05-Aug-2022 14:01:06
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

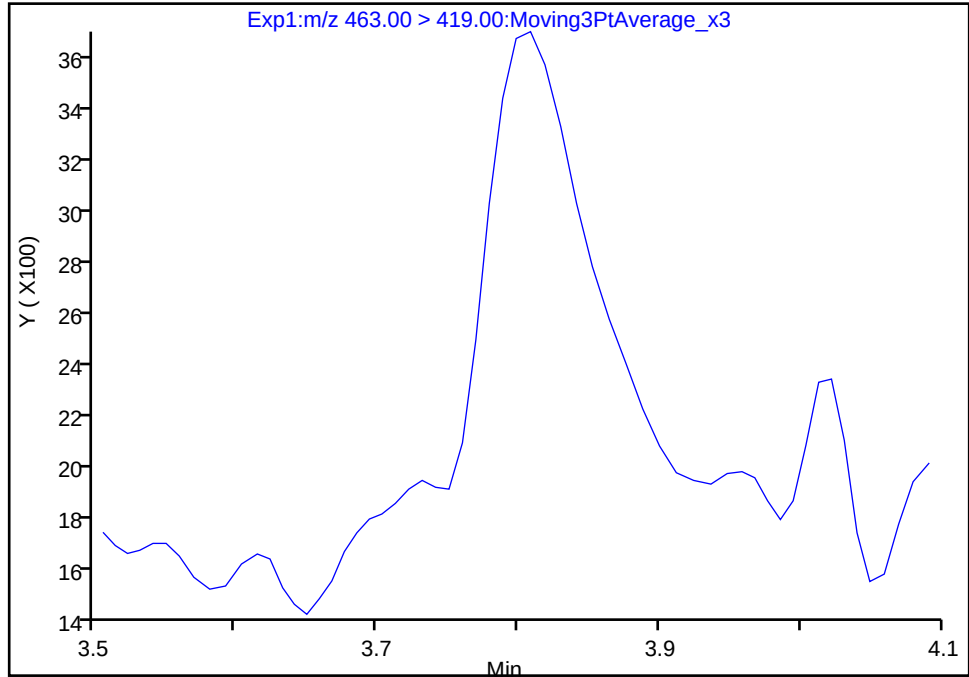
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d
Injection Date: 04-Aug-2022 23:17:56 Instrument ID: LC812
Lims ID: 460-262853-A-1-A Lab Sample ID: 200-262853-1
Client ID: BCS-21-05 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

20 Perfluorononanoic acid, CAS: 375-95-1

Signal: 1

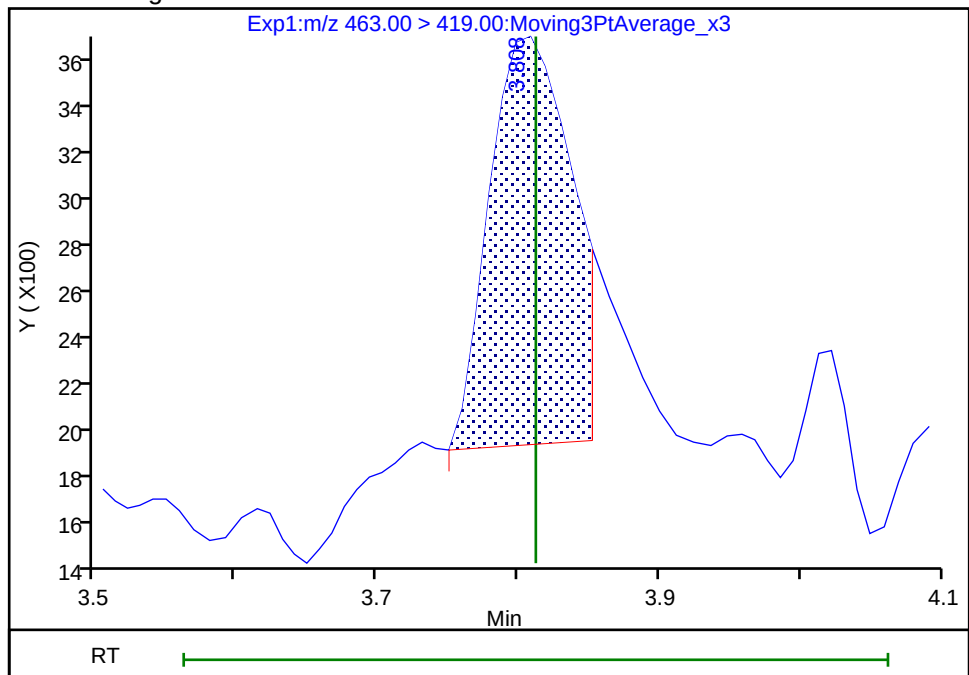
Not Detected
Expected RT: 3.81

Processing Integration Results



Manual Integration Results

RT: 3.81
Area: 6806
Amount: 0.004951
Amount Units: ng/ml



Reviewer: nampitakw, 05-Aug-2022 14:01:07

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

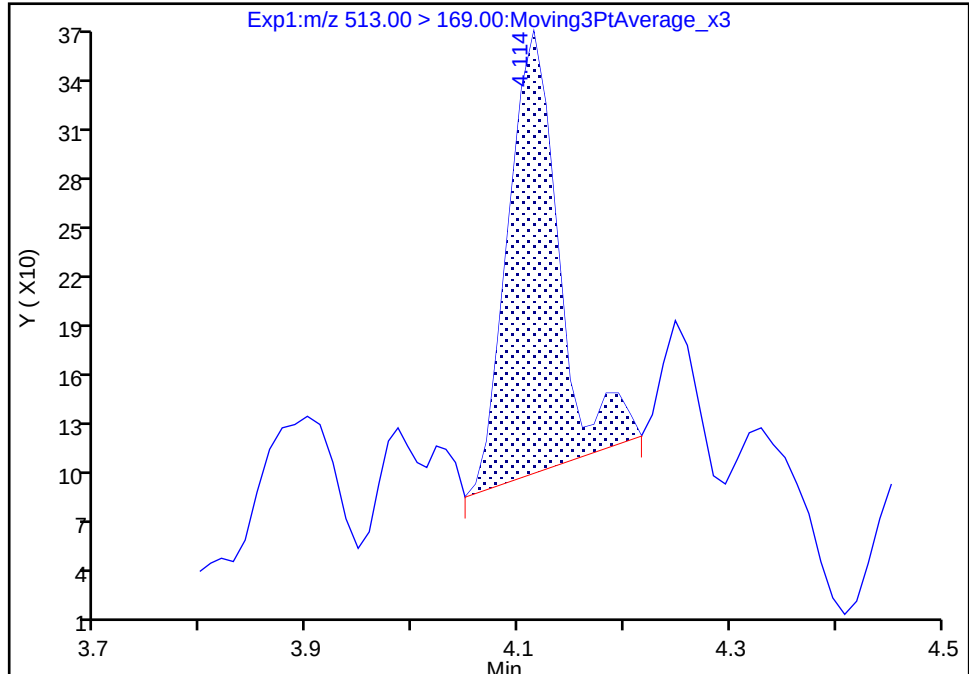
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d		
Injection Date:	04-Aug-2022 23:17:56	Instrument ID:	LC812
Lims ID:	460-262853-A-1-A	Lab Sample ID:	200-262853-1
Client ID:	BCS-21-05 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	21
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	21

24 Perfluorodecanoic acid, CAS: 335-76-2

Signal: 2

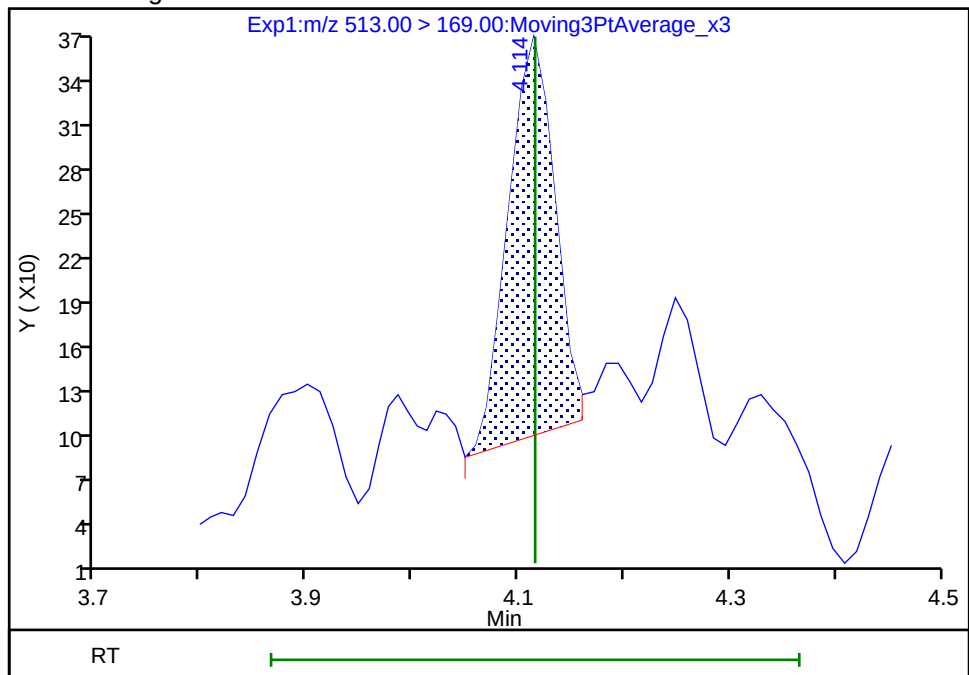
RT: 4.11
Area: 891
Amount: 0.006295
Amount Units: ng/ml

Processing Integration Results



RT: 4.11
Area: 818
Amount: 0.006339
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:01:15
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

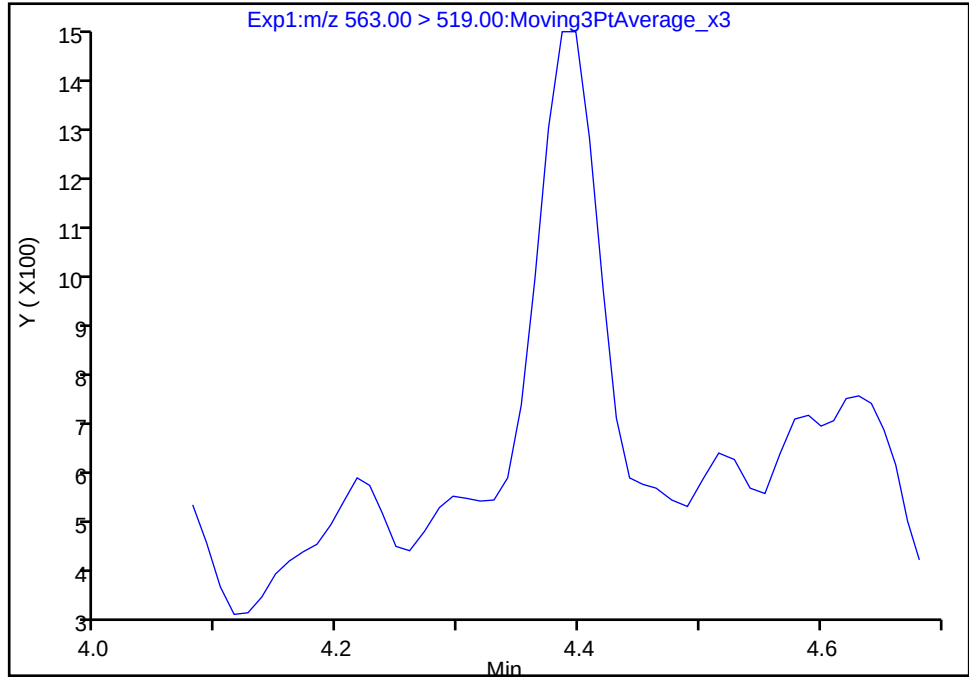
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d		
Injection Date:	04-Aug-2022 23:17:56	Instrument ID:	LC812
Lims ID:	460-262853-A-1-A	Lab Sample ID:	200-262853-1
Client ID:	BCS-21-05 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	21
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	21

31 Perfluoroundecanoic acid, CAS: 2058-94-8

Signal: 1

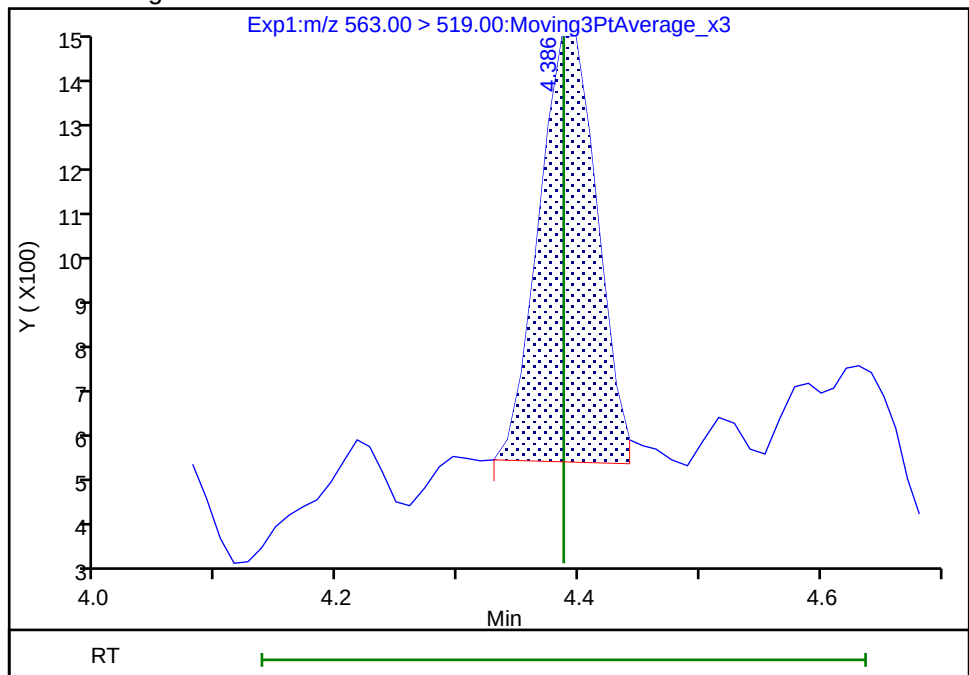
Not Detected
Expected RT: 4.39

Processing Integration Results



Manual Integration Results

RT: 4.39
Area: 2925
Amount: 0.002665
Amount Units: ng/ml



Reviewer: nampitakw, 05-Aug-2022 14:02:12
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

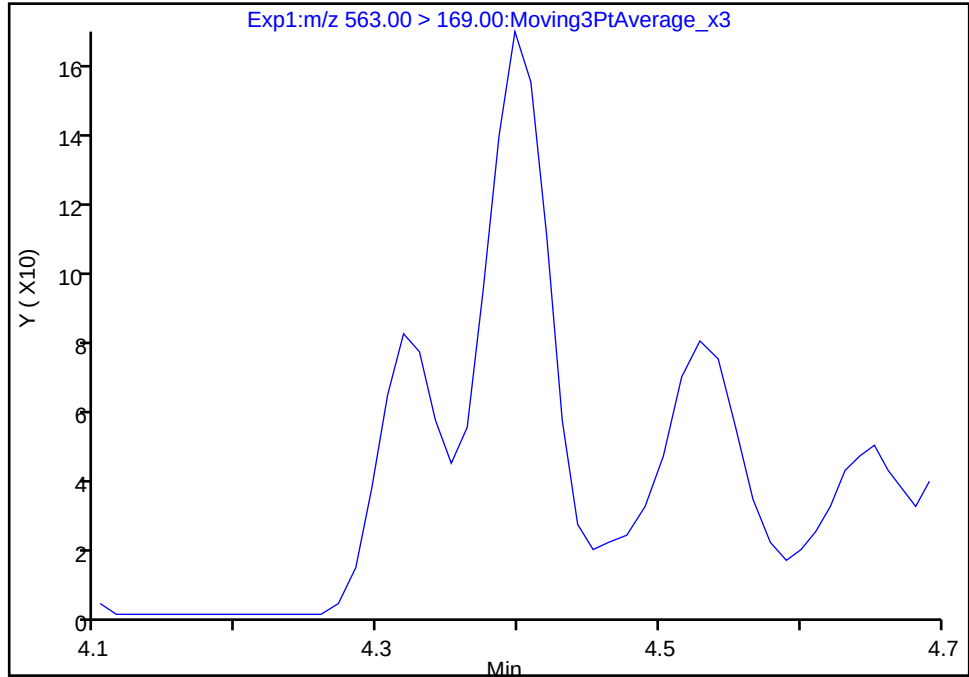
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d		
Injection Date:	04-Aug-2022 23:17:56	Instrument ID:	LC812
Lims ID:	460-262853-A-1-A	Lab Sample ID:	200-262853-1
Client ID:	BCS-21-05 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	21
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	21

31 Perfluoroundecanoic acid, CAS: 2058-94-8

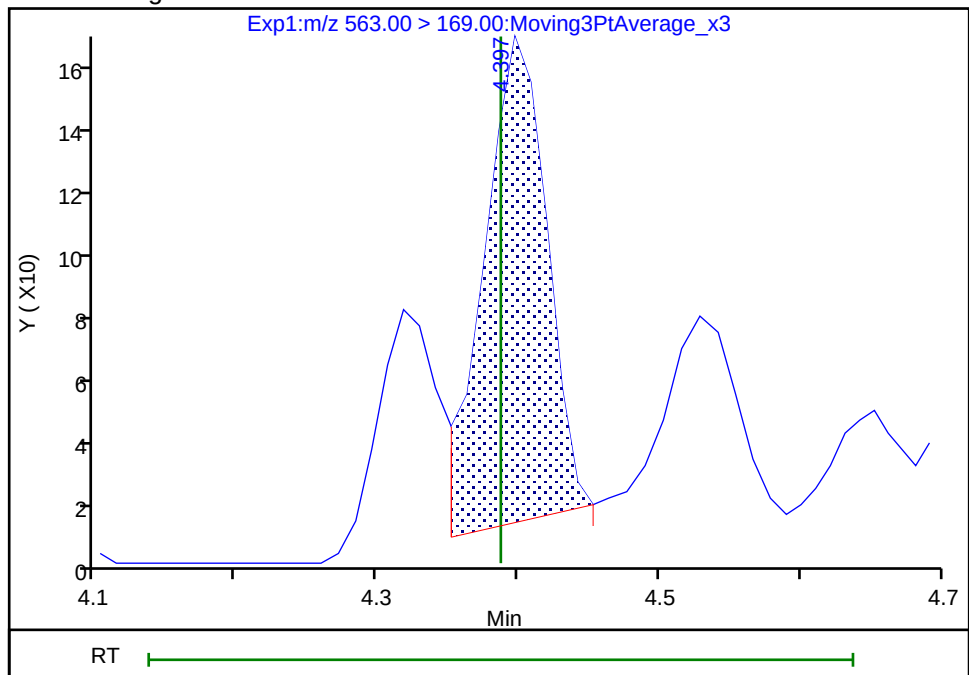
Signal: 2

Not Detected
Expected RT: 4.39

Processing Integration Results



Manual Integration Results



RT: 4.40
Area: 460
Amount: 0.002665
Amount Units: ng/ml

Reviewer: nampitakw, 05-Aug-2022 14:02:14

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

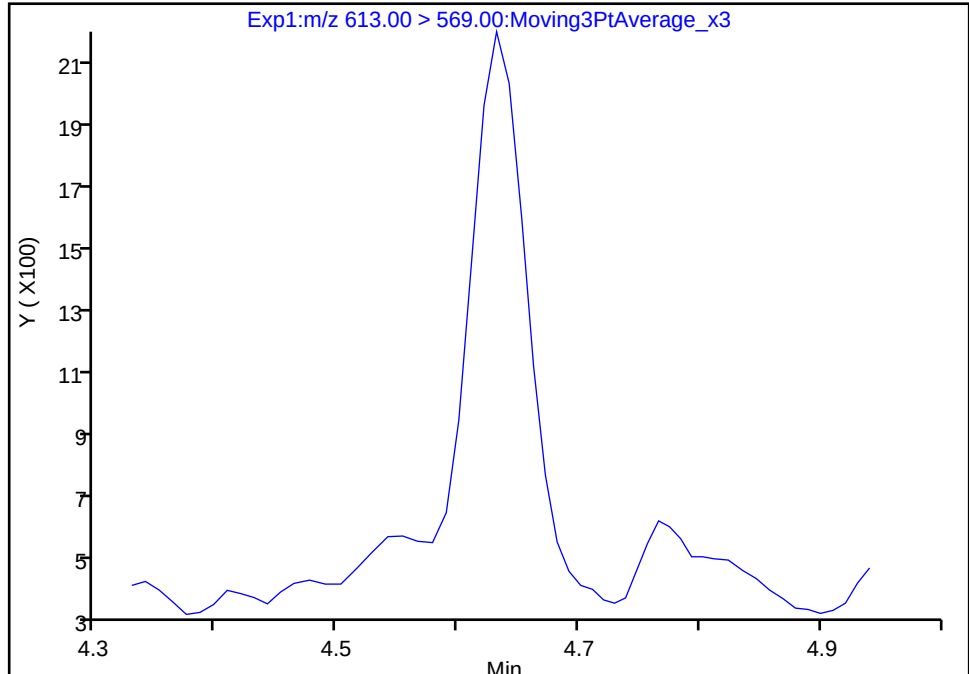
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d		
Injection Date:	04-Aug-2022 23:17:56	Instrument ID:	LC812
Lims ID:	460-262853-A-1-A	Lab Sample ID:	200-262853-1
Client ID:	BCS-21-05 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	21
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	21

37 Perfluorododecanoic acid, CAS: 307-55-1

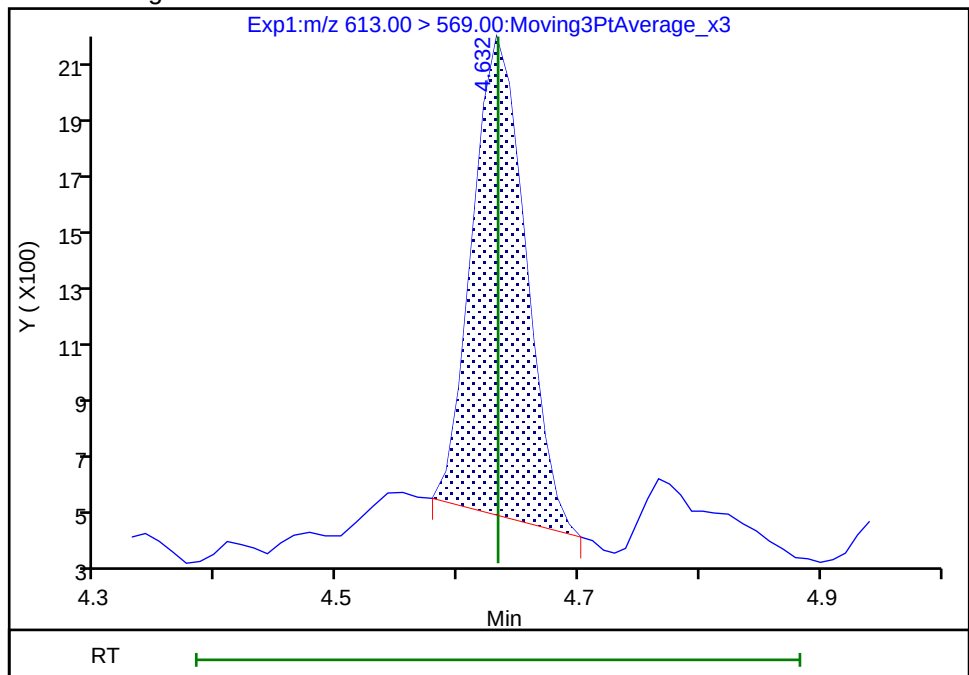
Signal: 1

Not Detected
Expected RT: 4.63

Processing Integration Results



Manual Integration Results

RT: 4.63
Area: 4917
Amount: 0.004403
Amount Units: ng/ml

Reviewer: nampitakw, 05-Aug-2022 14:02:47

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

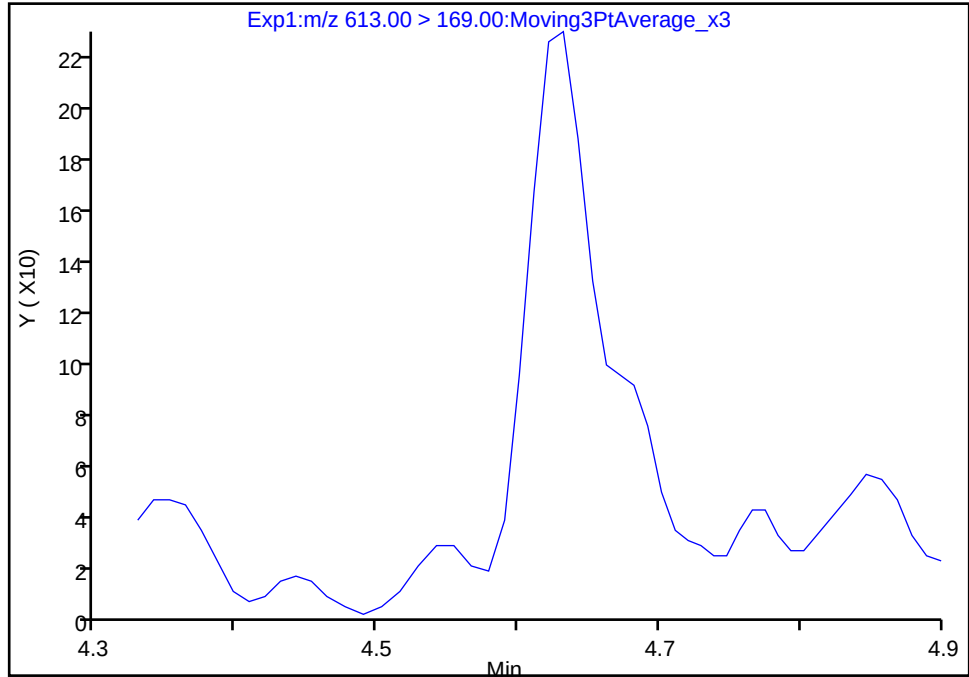
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d
Injection Date: 04-Aug-2022 23:17:56 Instrument ID: LC812
Lims ID: 460-262853-A-1-A Lab Sample ID: 200-262853-1
Client ID: BCS-21-05 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

37 Perfluorododecanoic acid, CAS: 307-55-1

Signal: 2

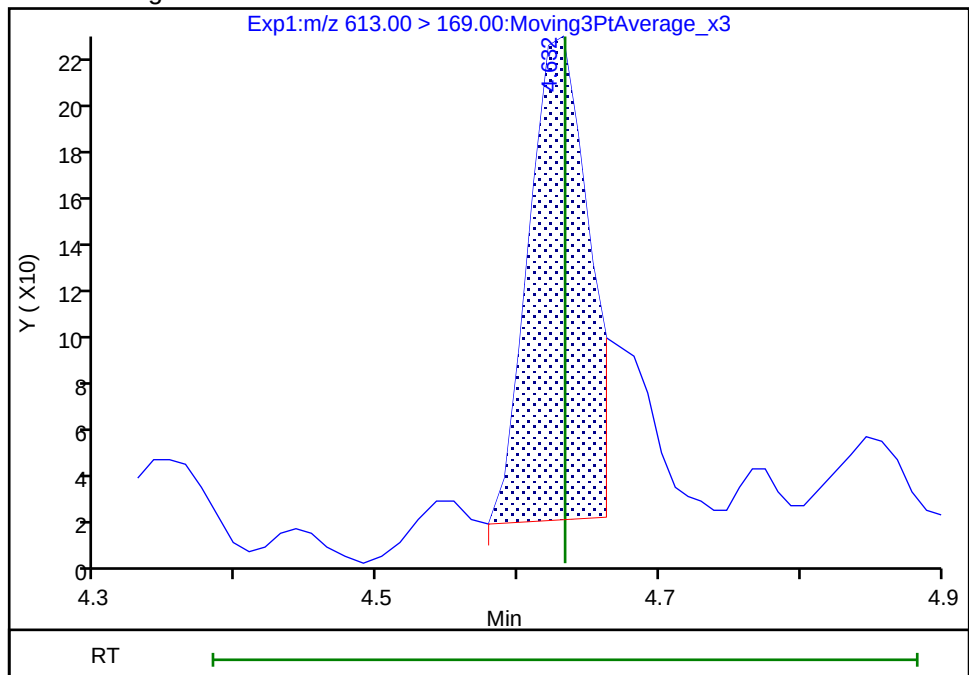
Not Detected
Expected RT: 4.63

Processing Integration Results



Manual Integration Results

RT: 4.63
Area: 608
Amount: 0.004403
Amount Units: ng/ml



Reviewer: nampitakw, 05-Aug-2022 14:02:50

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

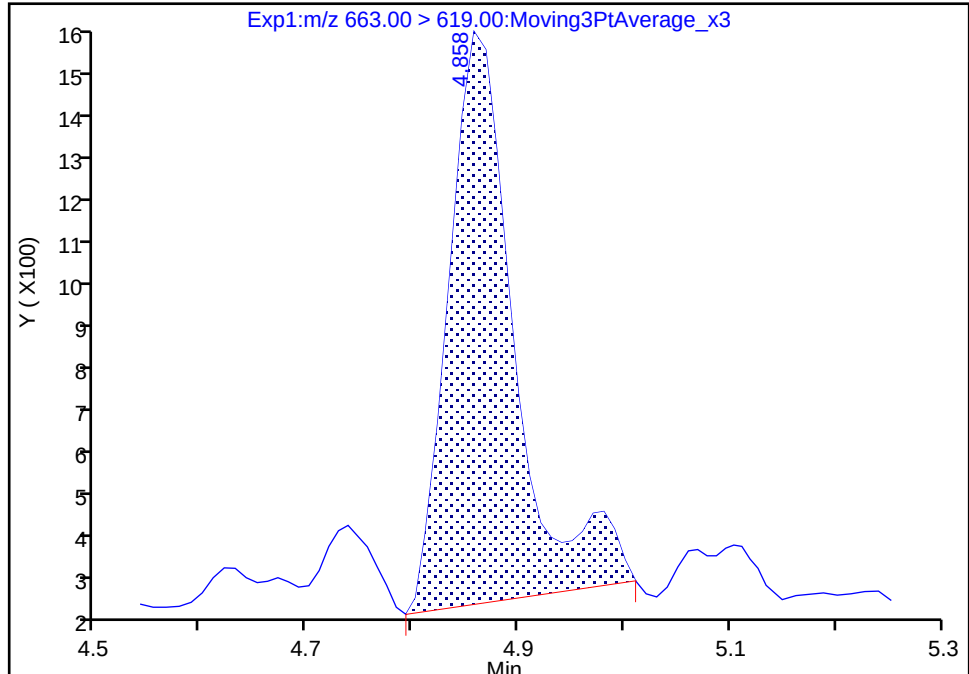
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d		
Injection Date:	04-Aug-2022 23:17:56	Instrument ID:	LC812
Lims ID:	460-262853-A-1-A	Lab Sample ID:	200-262853-1
Client ID:	BCS-21-05 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	21
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	21

41 Perfluorotridecanoic acid, CAS: 72629-94-8

Signal: 1

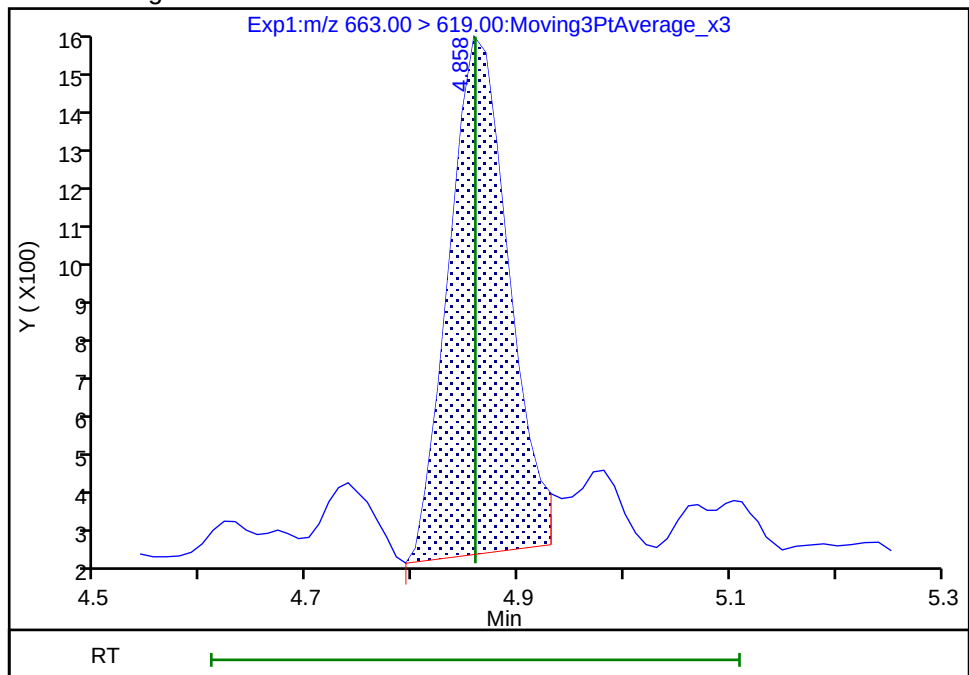
RT: 4.86
Area: 5553
Amount: 0.005708
Amount Units: ng/ml

Processing Integration Results



RT: 4.86
Area: 5012
Amount: 0.005177
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:03:00
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

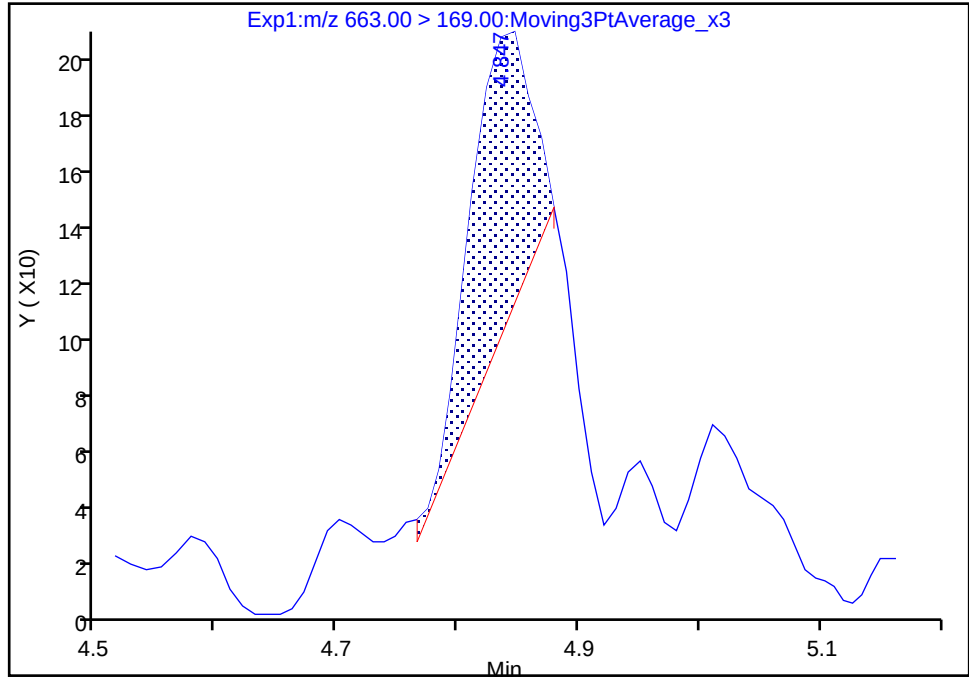
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d
Injection Date: 04-Aug-2022 23:17:56 Instrument ID: LC812
Lims ID: 460-262853-A-1-A Lab Sample ID: 200-262853-1
Client ID: BCS-21-05 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

41 Perfluorotridecanoic acid, CAS: 72629-94-8

Signal: 2

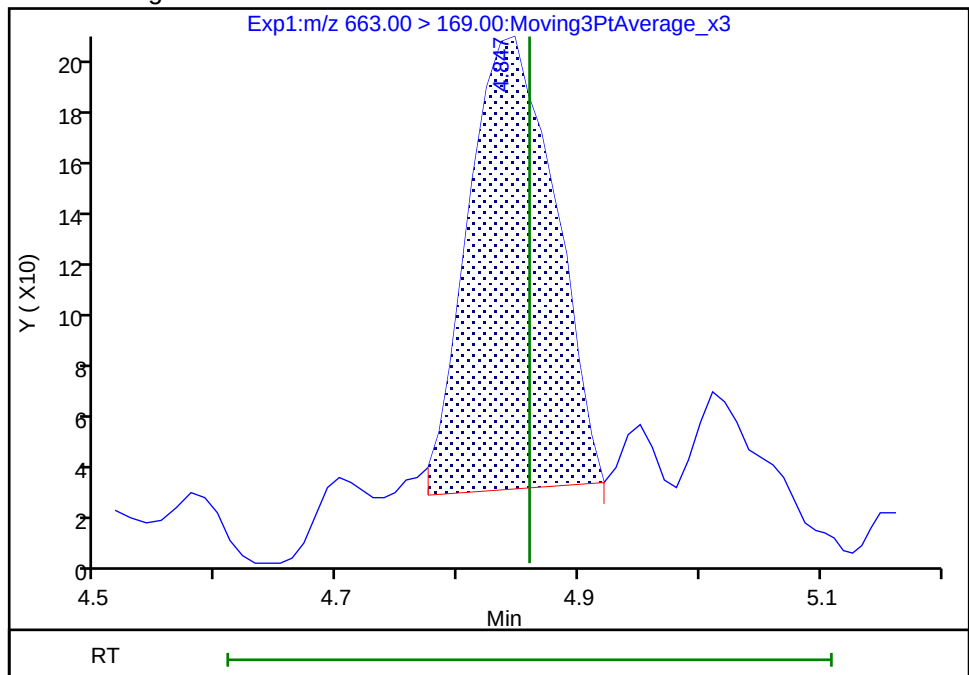
RT: 4.85
Area: 374
Amount: 0.005708
Amount Units: ng/ml

Processing Integration Results



RT: 4.85
Area: 895
Amount: 0.005177
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:03:03

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

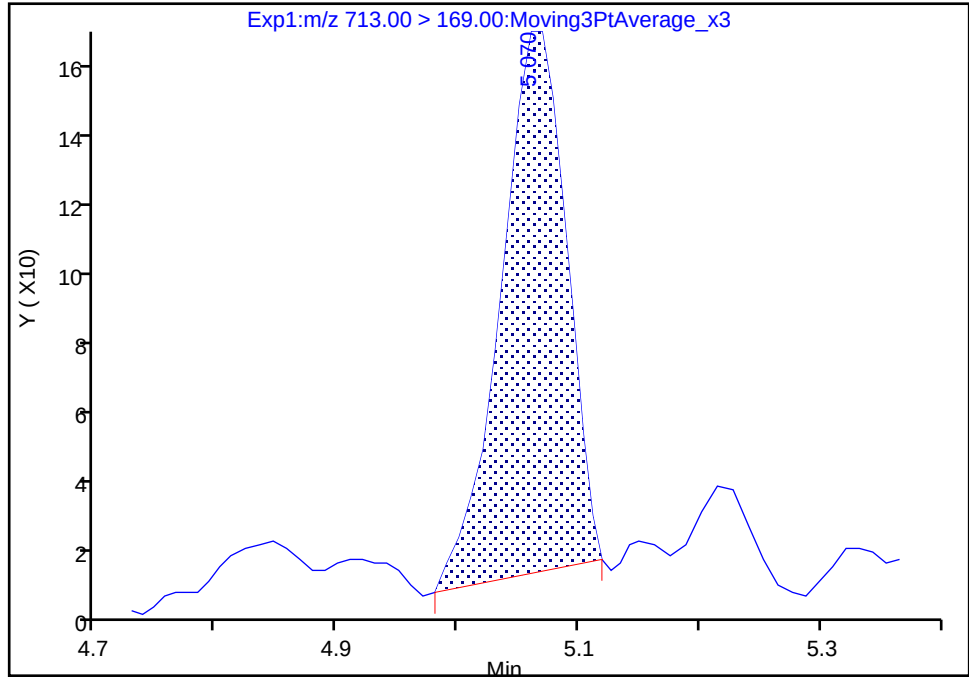
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d		
Injection Date:	04-Aug-2022 23:17:56	Instrument ID:	LC812
Lims ID:	460-262853-A-1-A	Lab Sample ID:	200-262853-1
Client ID:	BCS-21-05 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	21
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	21

42 Perfluorotetradecanoic acid, CAS: 376-06-7

Signal: 1

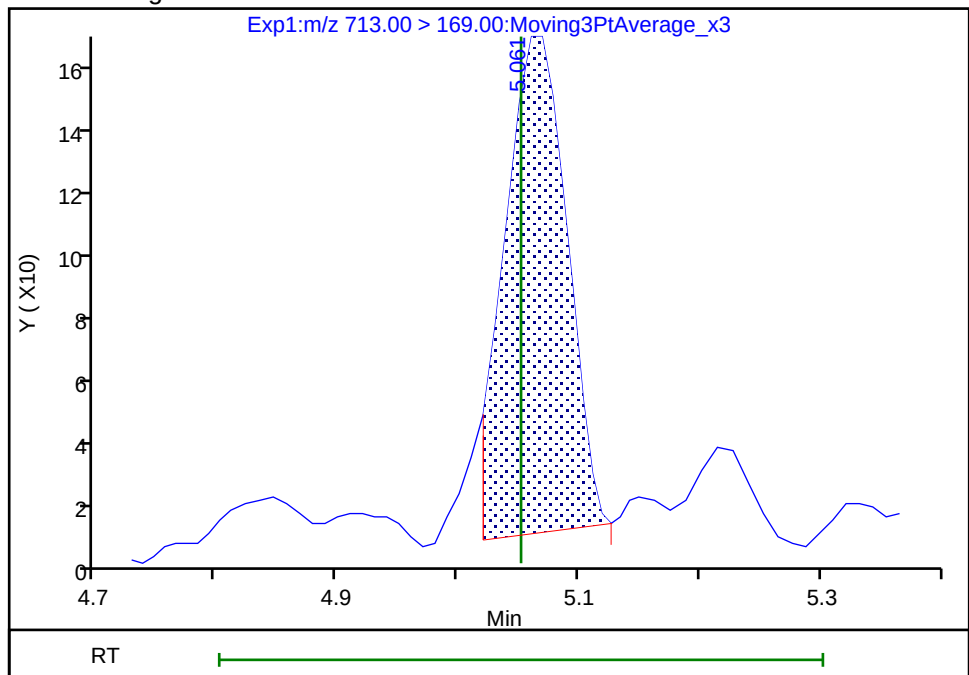
RT: 5.07
Area: 556
Amount: 0.003536
Amount Units: ng/ml

Processing Integration Results



RT: 5.06
Area: 534
Amount: 0.003419
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:03:19

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

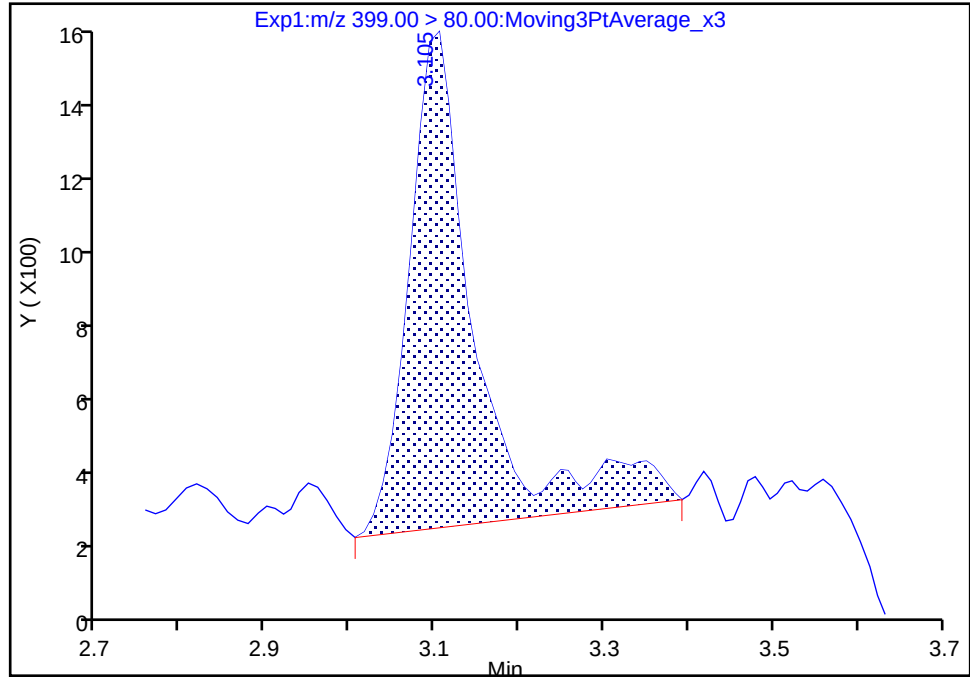
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d		
Injection Date:	04-Aug-2022 23:17:56	Instrument ID:	LC812
Lims ID:	460-262853-A-1-A	Lab Sample ID:	200-262853-1
Client ID:	BCS-21-05 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	21
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	21

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 1

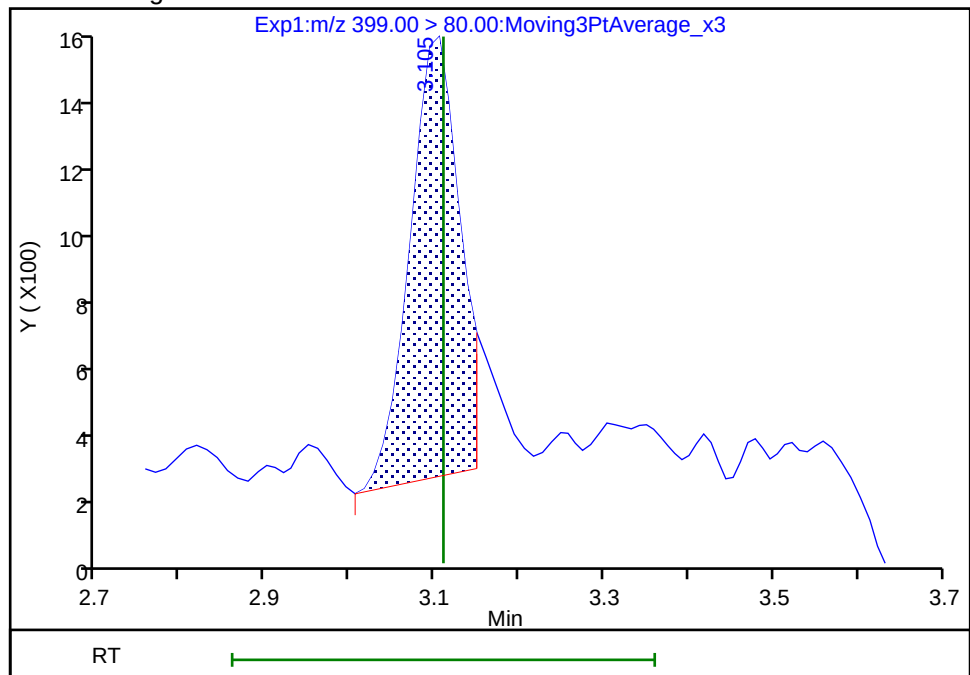
RT: 3.11
Area: 7159
Amount: 0.006599
Amount Units: ng/ml

Processing Integration Results



RT: 3.11
Area: 5211
Amount: 0.004828
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 13:59:30
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

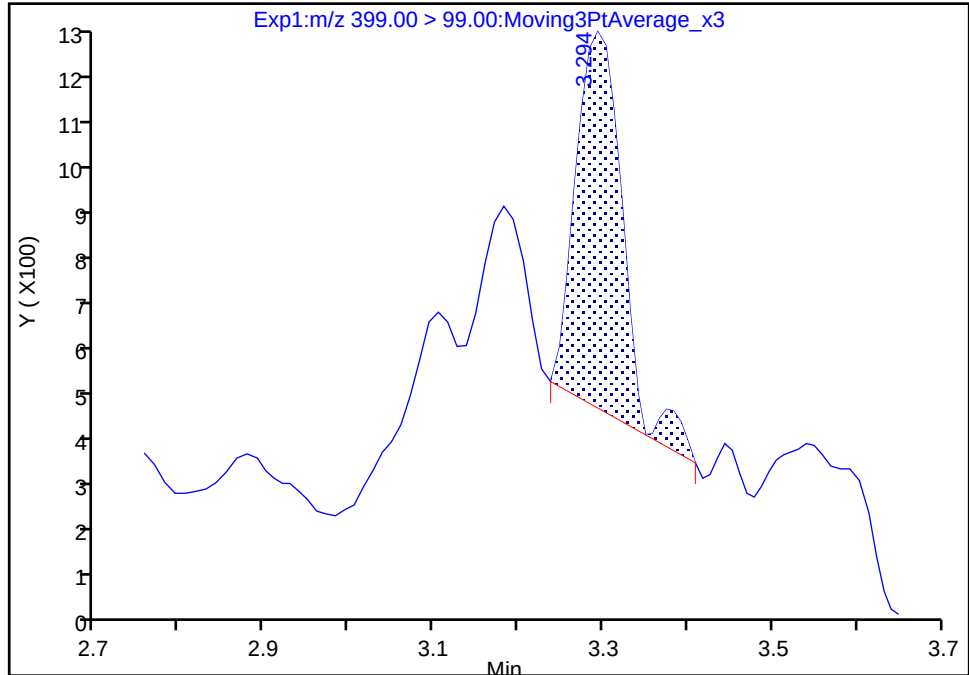
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d
Injection Date: 04-Aug-2022 23:17:56 Instrument ID: LC812
Lims ID: 460-262853-A-1-A Lab Sample ID: 200-262853-1
Client ID: BCS-21-05 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 2

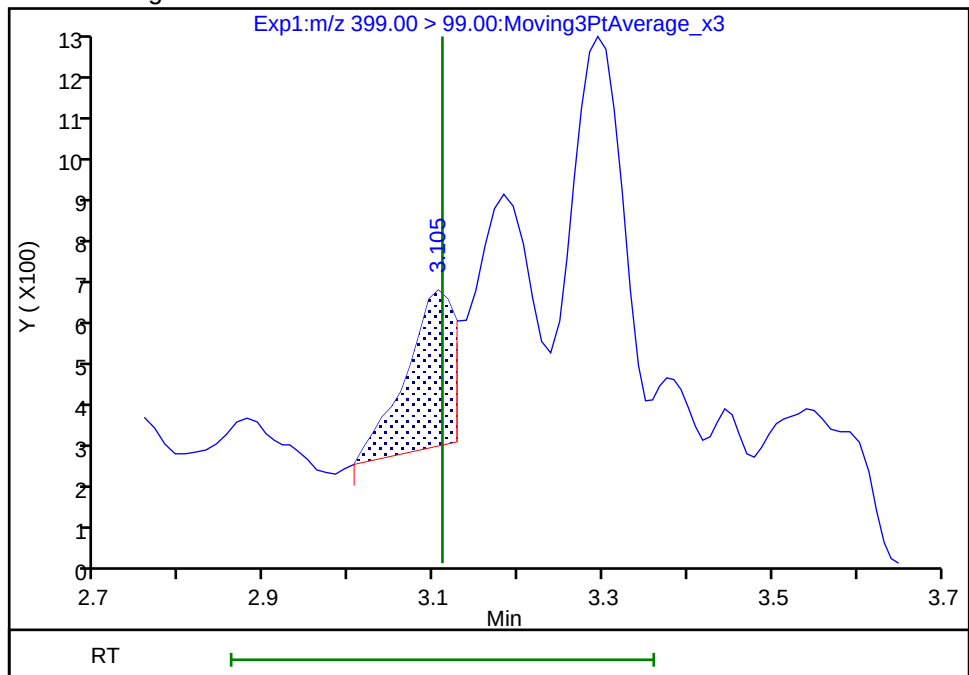
RT: 3.29
Area: 3085
Amount: 0.006599
Amount Units: ng/ml

Processing Integration Results



RT: 3.11
Area: 1421
Amount: 0.004828
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 13:59:33

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

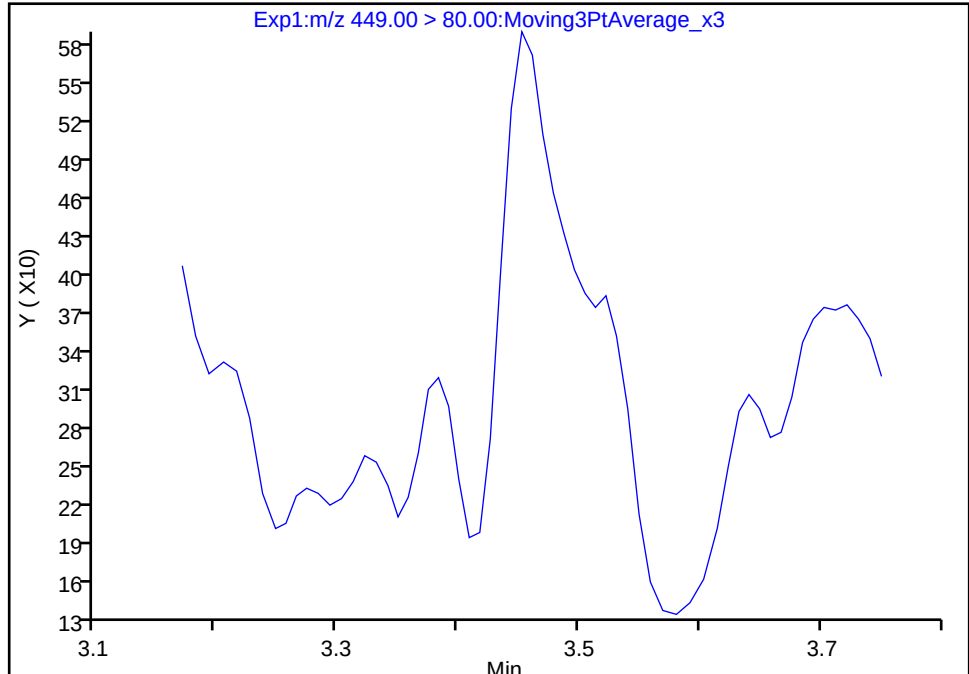
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d
Injection Date: 04-Aug-2022 23:17:56 Instrument ID: LC812
Lims ID: 460-262853-A-1-A Lab Sample ID: 200-262853-1
Client ID: BCS-21-05 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

16 Perfluoroheptanesulfonic acid, CAS: 375-92-8

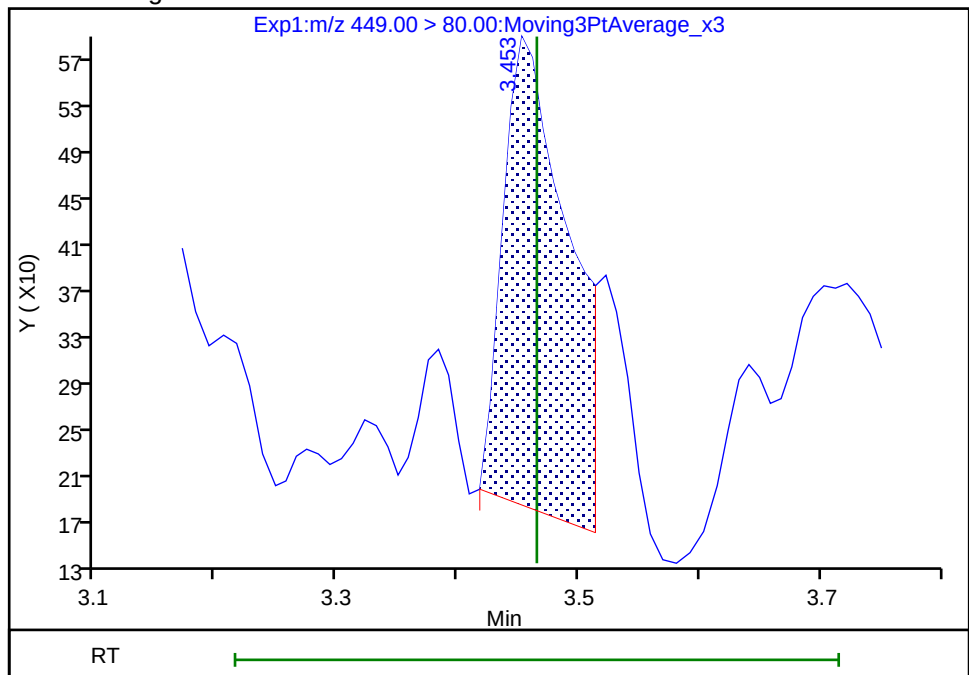
Signal: 1

Not Detected
Expected RT: 3.47

Processing Integration Results



Manual Integration Results



RT: 3.45
Area: 1476
Amount: 0.001752
Amount Units: ng/ml

Reviewer: FDT7, 08-Aug-2022 11:56:41
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

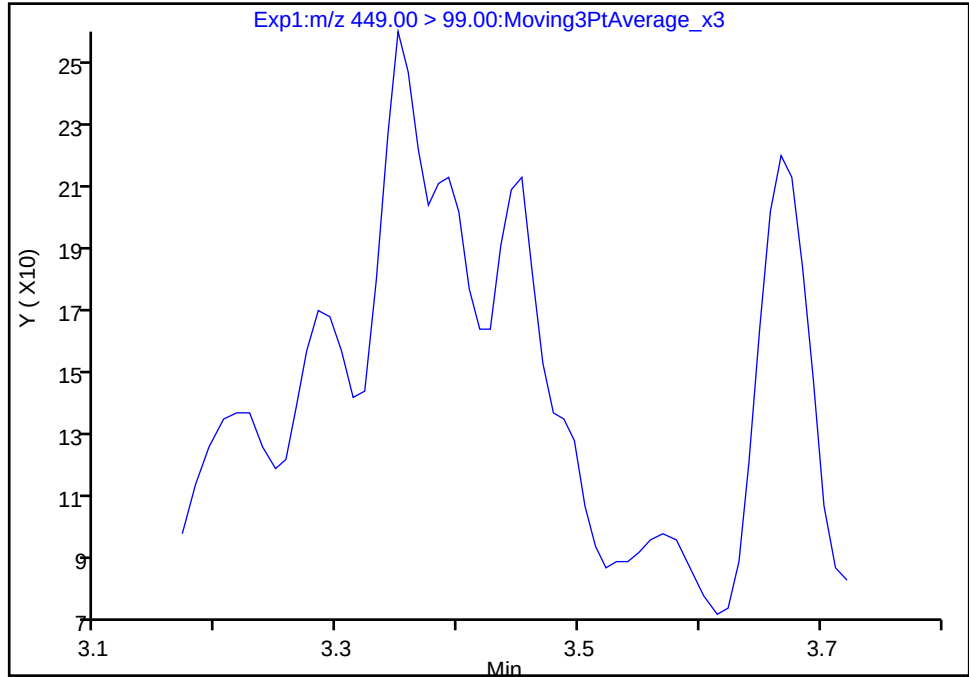
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d
Injection Date: 04-Aug-2022 23:17:56 Instrument ID: LC812
Lims ID: 460-262853-A-1-A Lab Sample ID: 200-262853-1
Client ID: BCS-21-05 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

16 Perfluoroheptanesulfonic acid, CAS: 375-92-8

Signal: 2

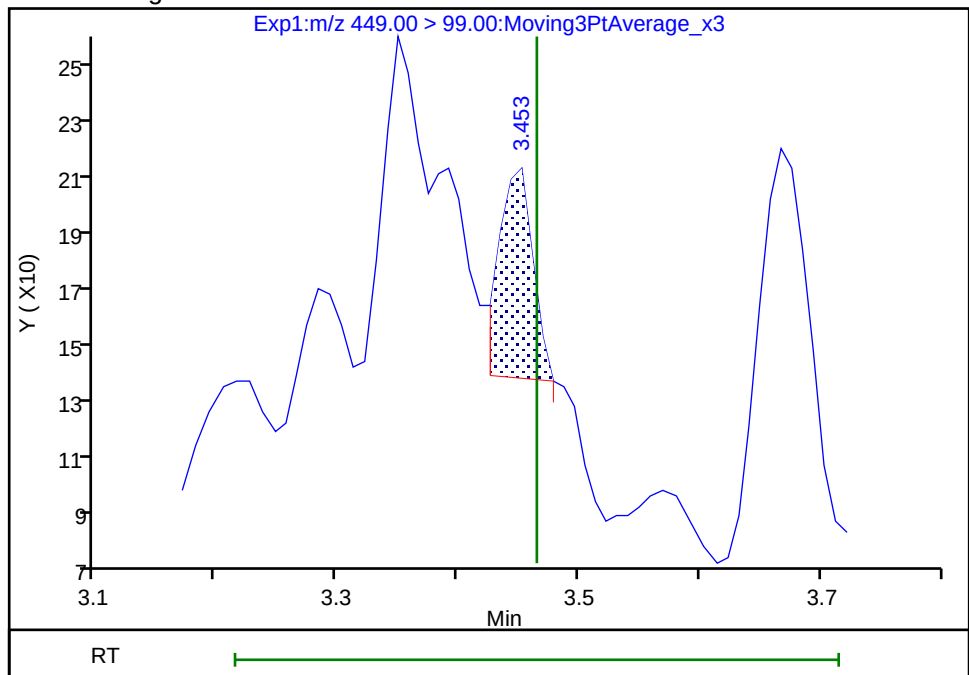
Not Detected
Expected RT: 3.47

Processing Integration Results



Manual Integration Results

RT: 3.45
Area: 141
Amount: 0.001752
Amount Units: ng/ml



Reviewer: FDT7, 08-Aug-2022 11:56:45

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

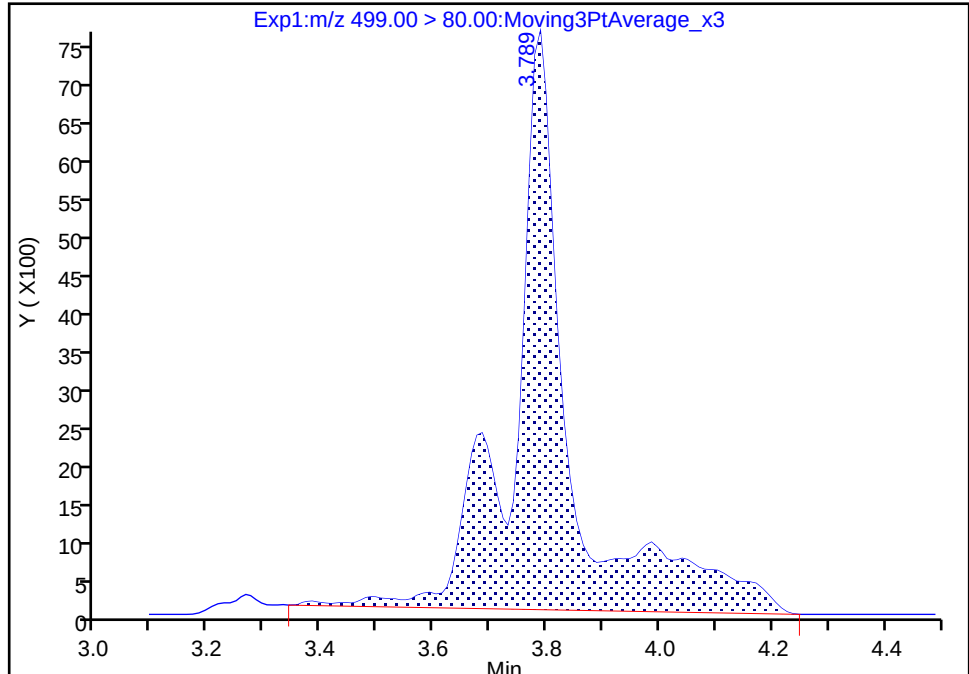
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d		
Injection Date:	04-Aug-2022 23:17:56	Instrument ID:	LC812
Lims ID:	460-262853-A-1-A	Lab Sample ID:	200-262853-1
Client ID:	BCS-21-05 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	21
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	21

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 1

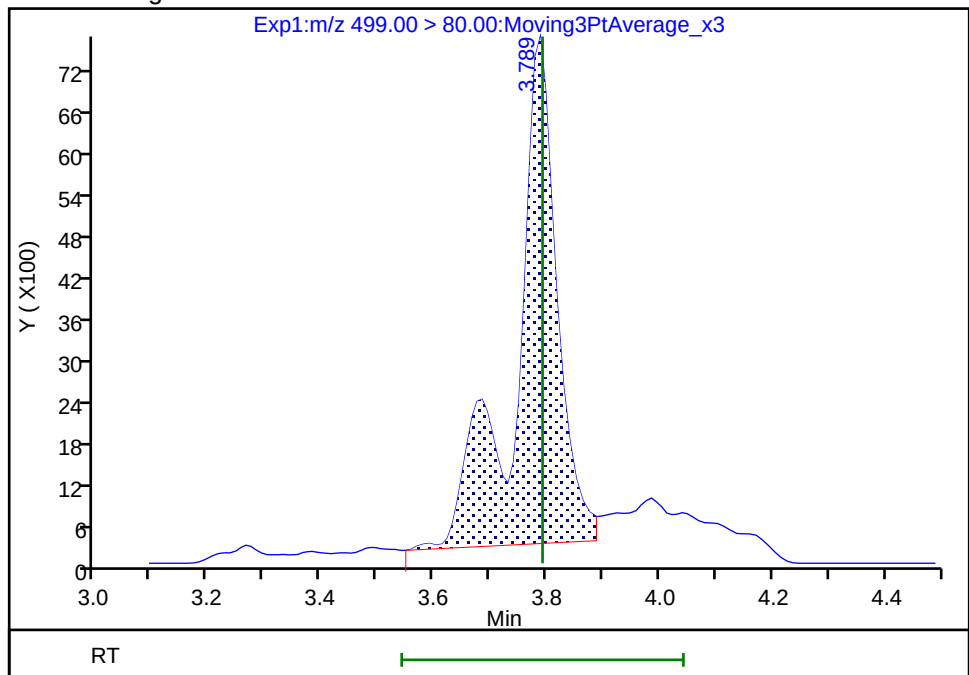
RT: 3.79
Area: 54139
Amount: 0.060887
Amount Units: ng/ml

Processing Integration Results



RT: 3.79
Area: 37962
Amount: 0.037492
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:00:38
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

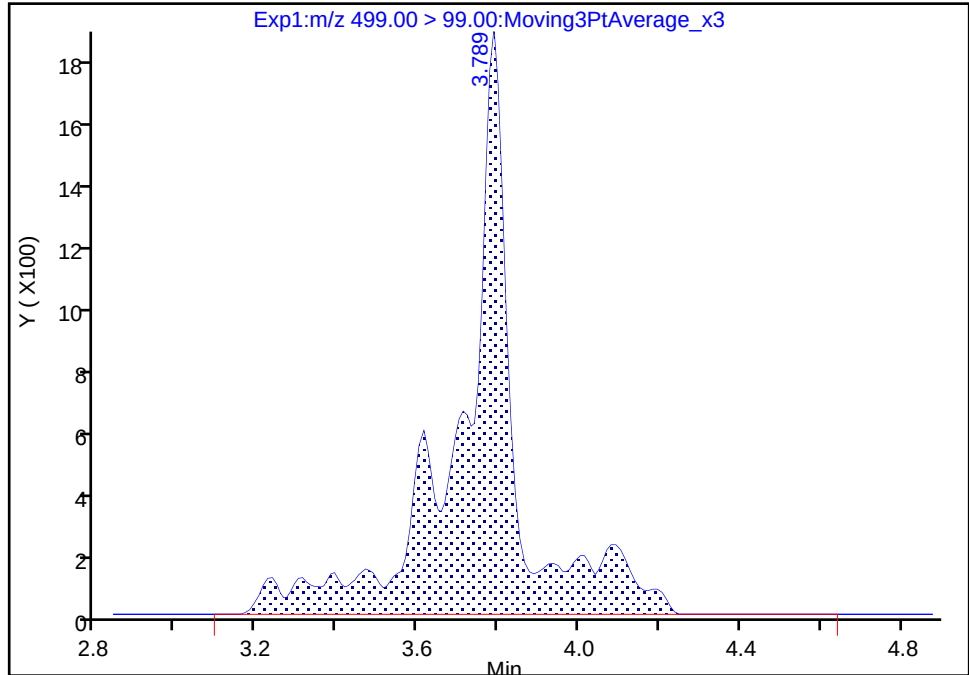
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d
Injection Date: 04-Aug-2022 23:17:56 Instrument ID: LC812
Lims ID: 460-262853-A-1-A Lab Sample ID: 200-262853-1
Client ID: BCS-21-05 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 2

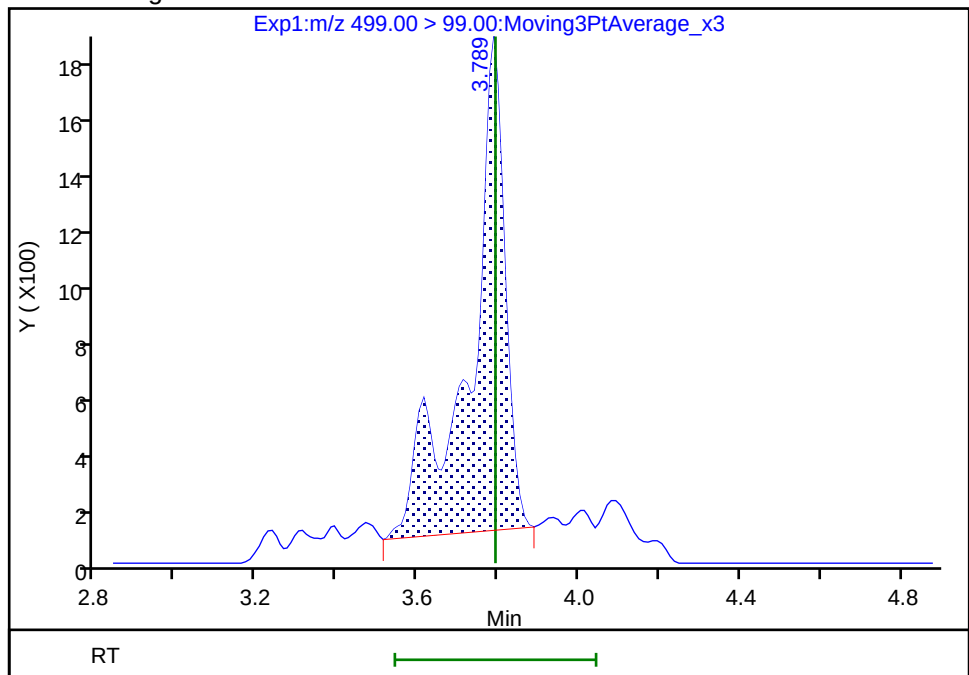
RT: 3.79
Area: 17816
Amount: 0.060887
Amount Units: ng/ml

Processing Integration Results



RT: 3.79
Area: 10601
Amount: 0.037492
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 11:57:42

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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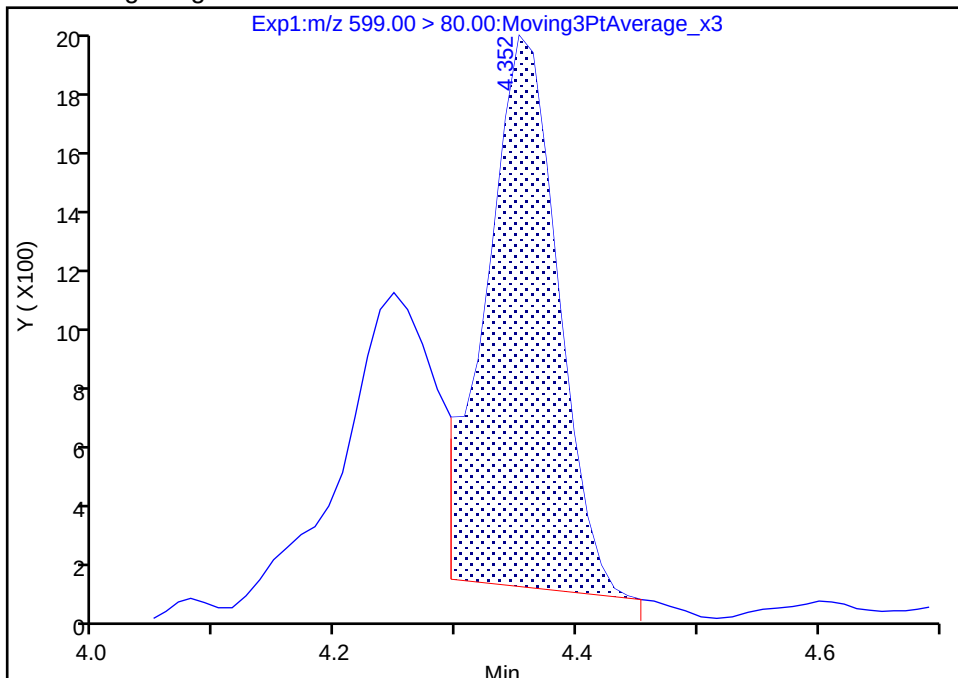
08/09/2022

Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d		
Injection Date:	04-Aug-2022 23:17:56	Instrument ID:	LC812
Lims ID:	460-262853-A-1-A	Lab Sample ID:	200-262853-1
Client ID:	BCS-21-05 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	21 Workli
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1

ALS Bottle#:	21	Worklist Smp#:	21
Dil. Factor:	1.0000		
Limit Group:	LC_PFC_ICAL		
Detector	EXP1		

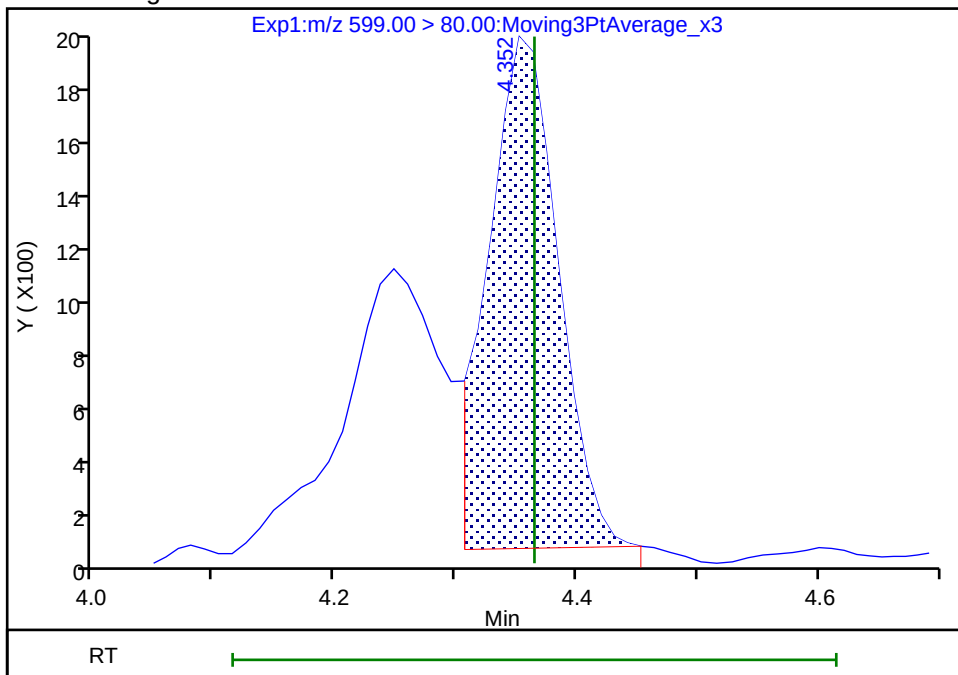
Signal: 1

Processing Integration Results



RT: 4.35
Area: 7422
Amount: 0.018684
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:01:56
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

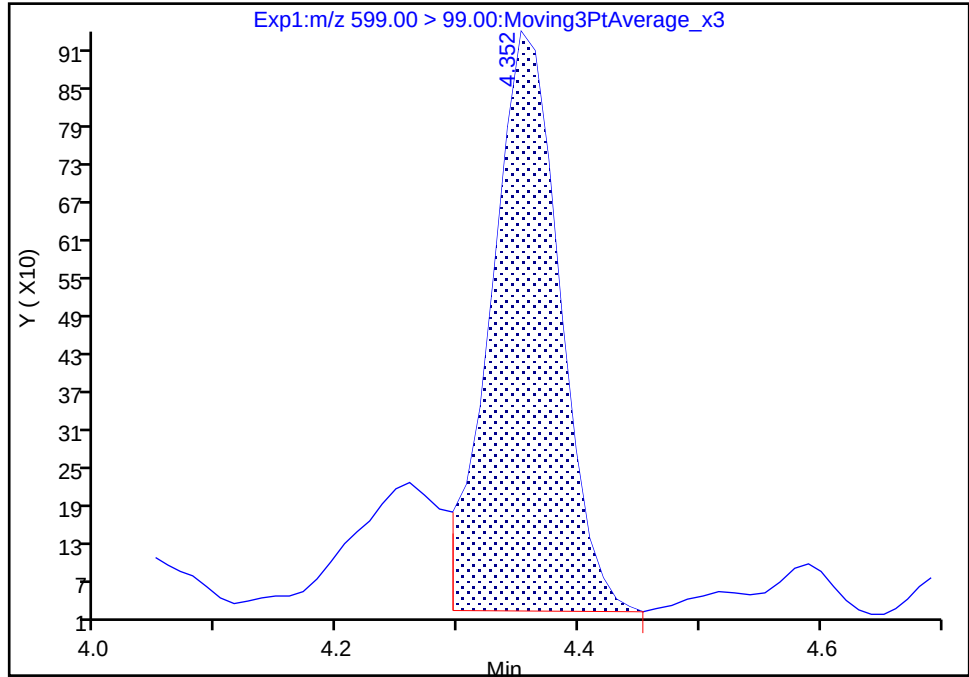
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d
Injection Date: 04-Aug-2022 23:17:56 Instrument ID: LC812
Lims ID: 460-262853-A-1-A Lab Sample ID: 200-262853-1
Client ID: BCS-21-05 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

29 Perfluorodecanesulfonic acid, CAS: 335-77-3

Signal: 2

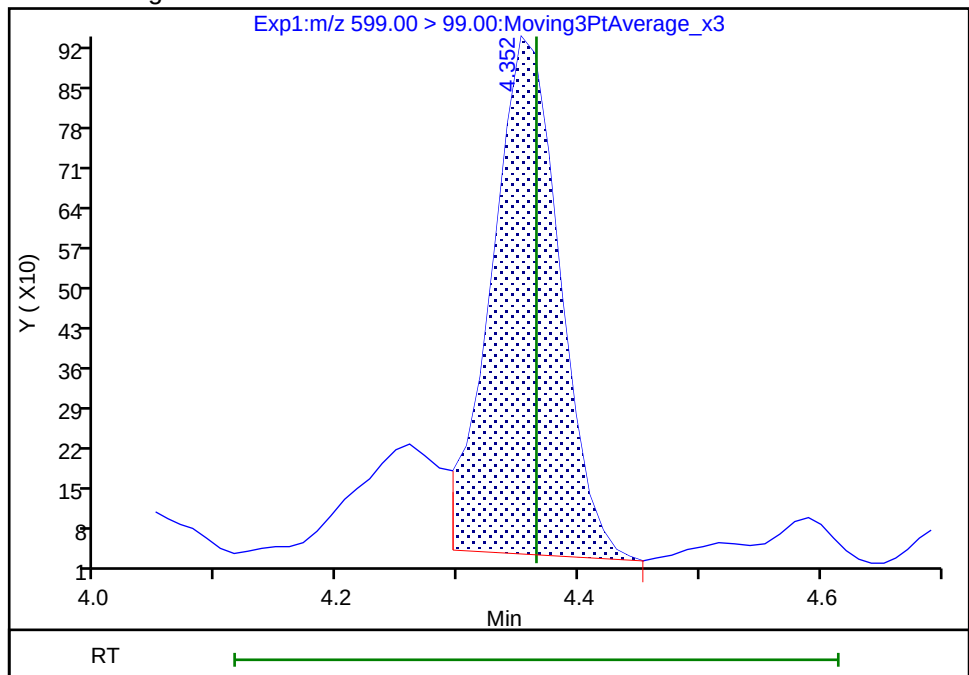
RT: 4.35
Area: 3621
Amount: 0.018676
Amount Units: ng/ml

Processing Integration Results



RT: 4.35
Area: 3541
Amount: 0.018684
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:02:00

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

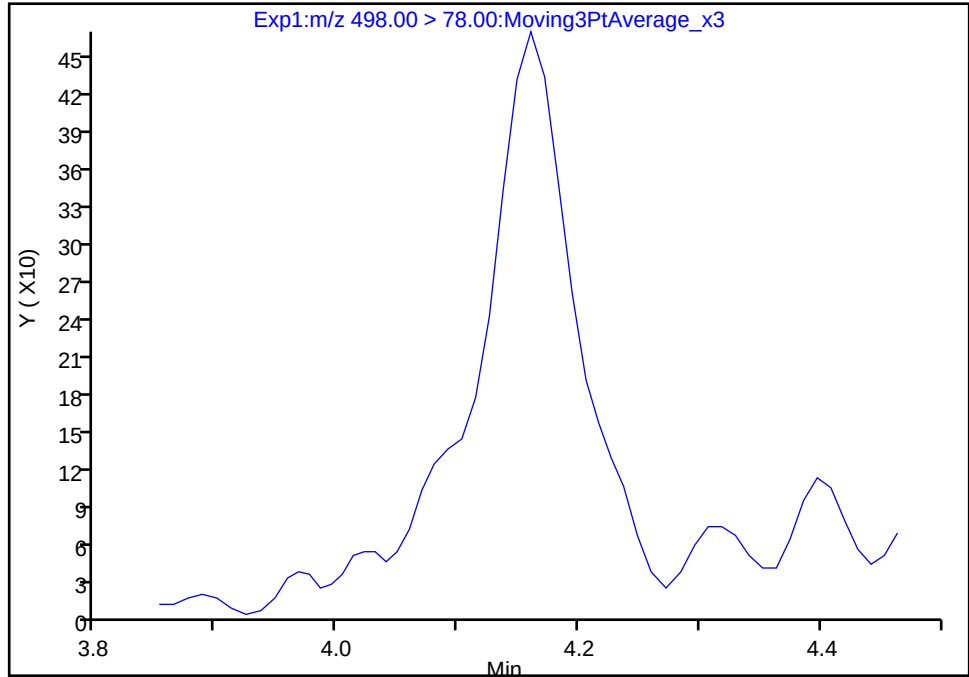
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d				
Injection Date:	04-Aug-2022 23:17:56	Instrument ID:	LC812		
Lims ID:	460-262853-A-1-A	Lab Sample ID:	200-262853-1		
Client ID:	BCS-21-05 P (4-4.5)				
Operator ID:	lc812tech	ALS Bottle#:	21	Worklist Smp#:	21
Injection Vol:	20.0 ul	Dil. Factor:	1.0000		
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL		
Column:	C-18 (4.60 mm)	Detector	EXP1		

22 Perfluorooctanesulfonamide, CAS: 754-91-6

Signal: 1

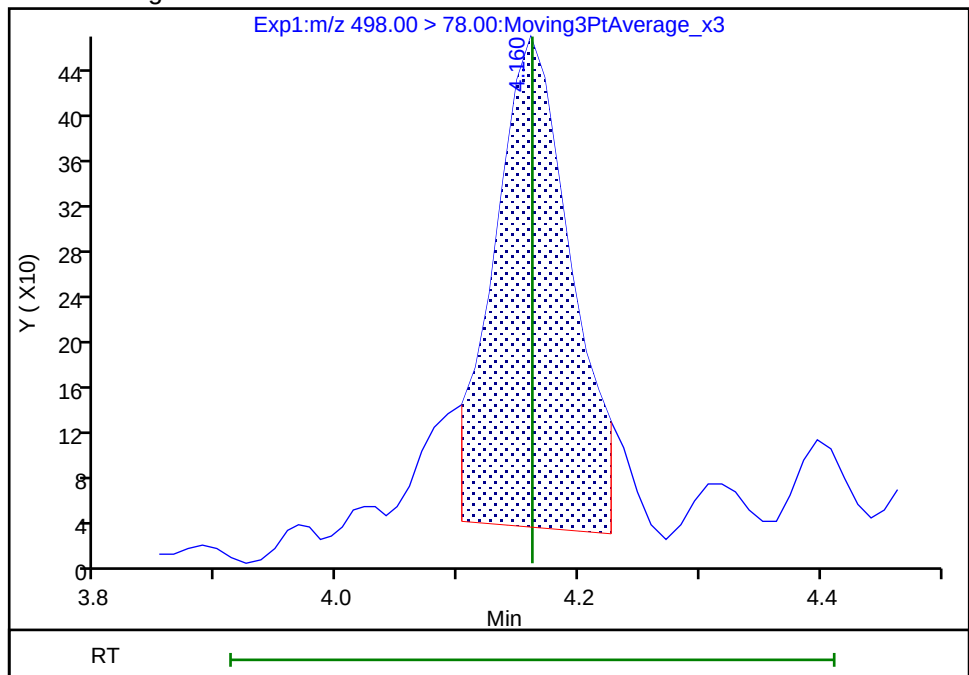
Not Detected
Expected RT: 4.16

Processing Integration Results



Manual Integration Results

RT: 4.16
Area: 1903
Amount: 0.002067
Amount Units: ng/ml



Reviewer: nampitakw, 05-Aug-2022 14:01:32

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

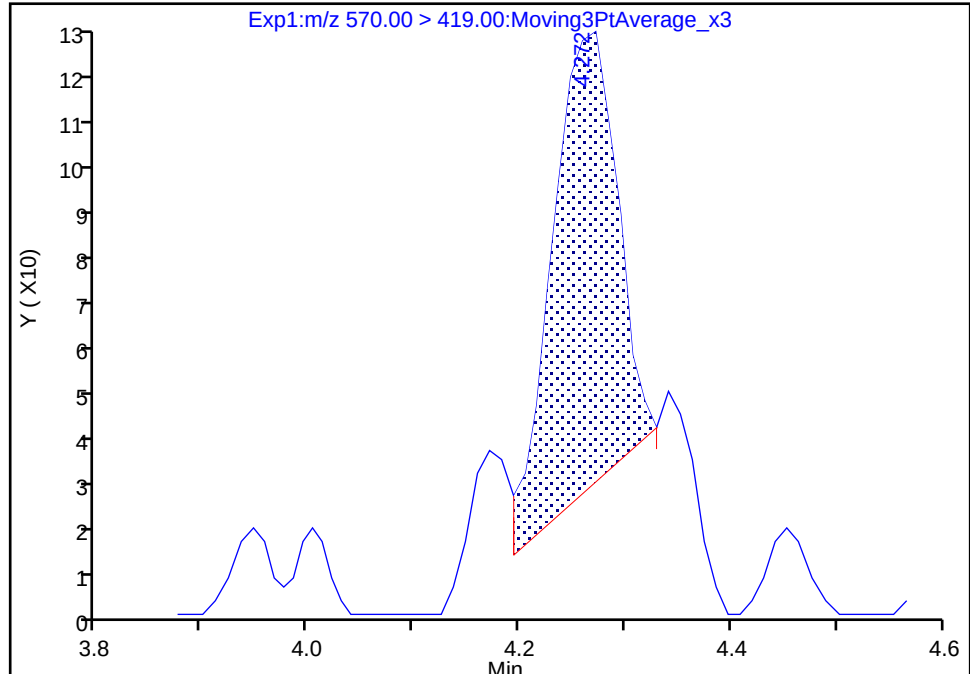
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d
Injection Date: 04-Aug-2022 23:17:56 Instrument ID: LC812
Lims ID: 460-262853-A-1-A Lab Sample ID: 200-262853-1
Client ID: BCS-21-05 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

28 N-methylperfluorooctanesulfonami, CAS: 2355-31-9

Signal: 1

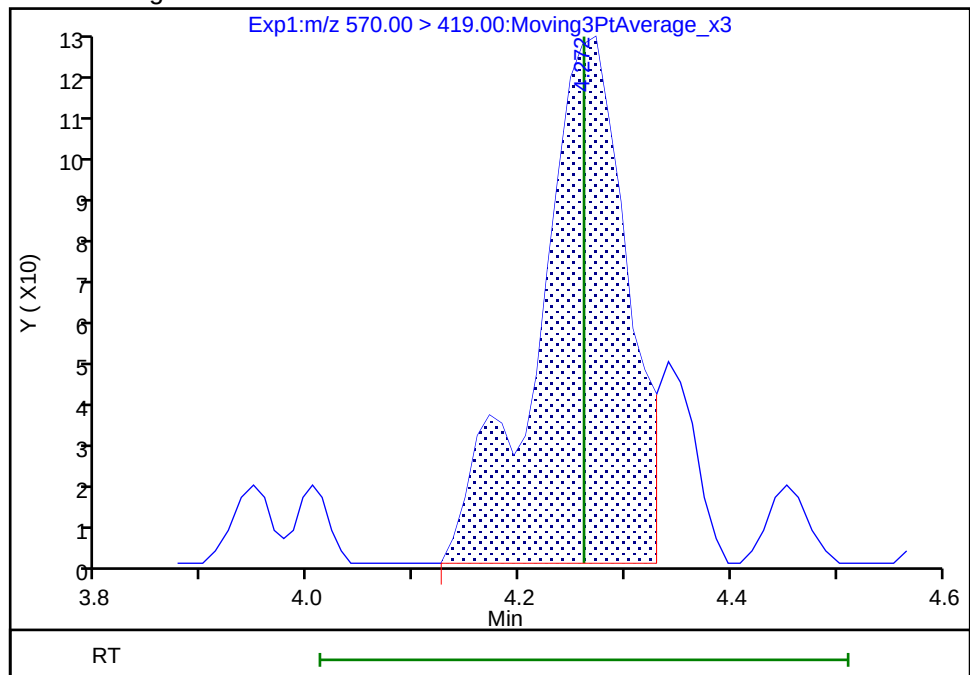
RT: 4.27
Area: 431
Amount: 0.003173
Amount Units: ng/ml

Processing Integration Results



RT: 4.27
Area: 743
Amount: 0.005509
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:01:40
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

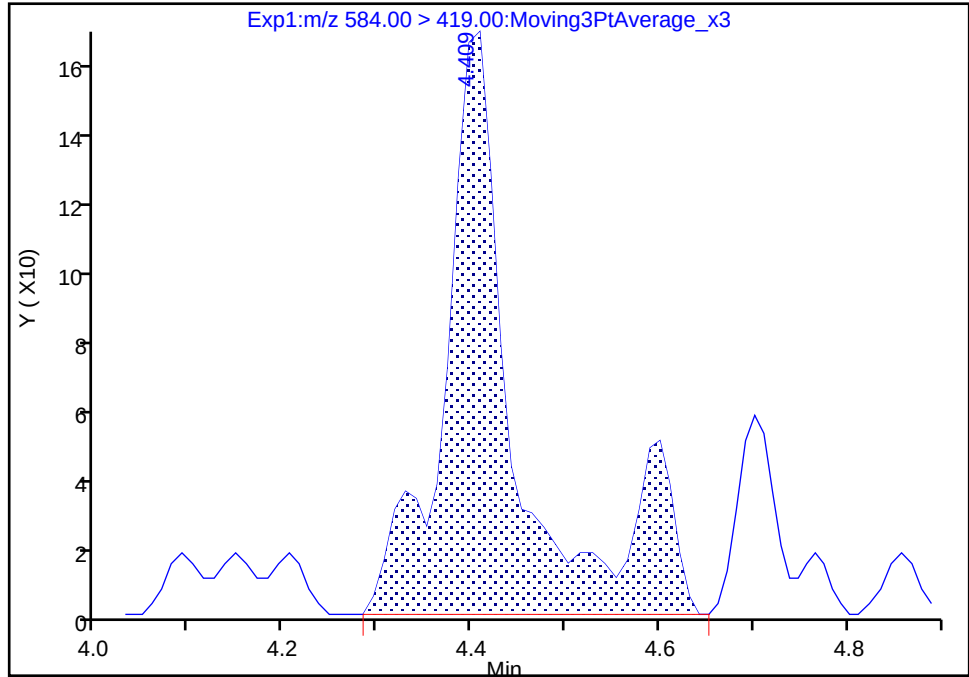
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d
Injection Date: 04-Aug-2022 23:17:56 Instrument ID: LC812
Lims ID: 460-262853-A-1-A Lab Sample ID: 200-262853-1
Client ID: BCS-21-05 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

33 N-ethylperfluorooctanesulfonamid, CAS: 2991-50-6

Signal: 1

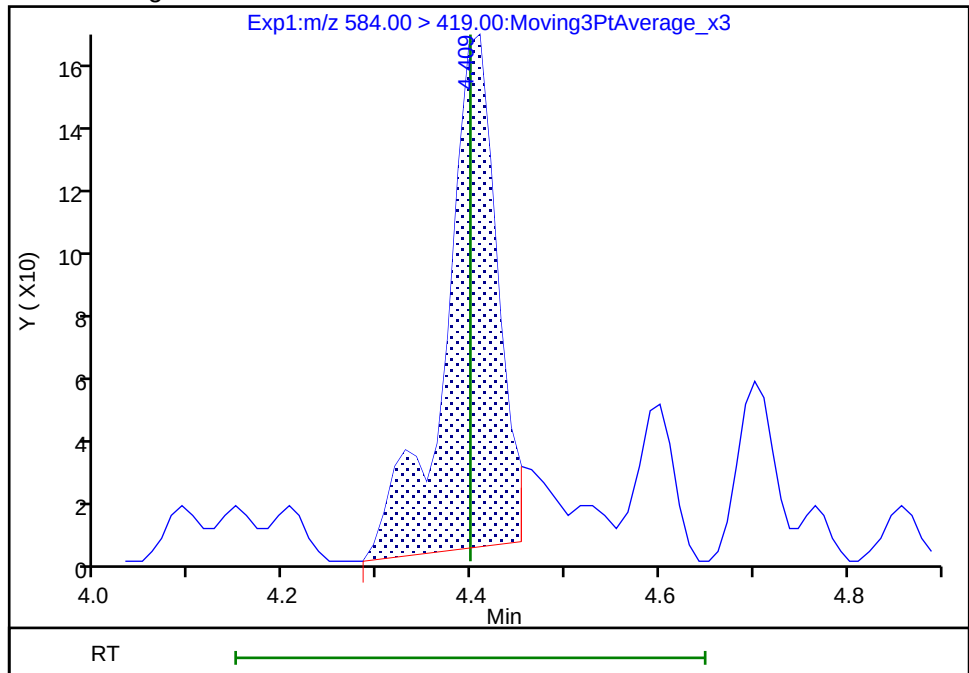
RT: 4.41
Area: 877
Amount: 0.006421
Amount Units: ng/ml

Processing Integration Results



RT: 4.41
Area: 600
Amount: 0.004393
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:02:28
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

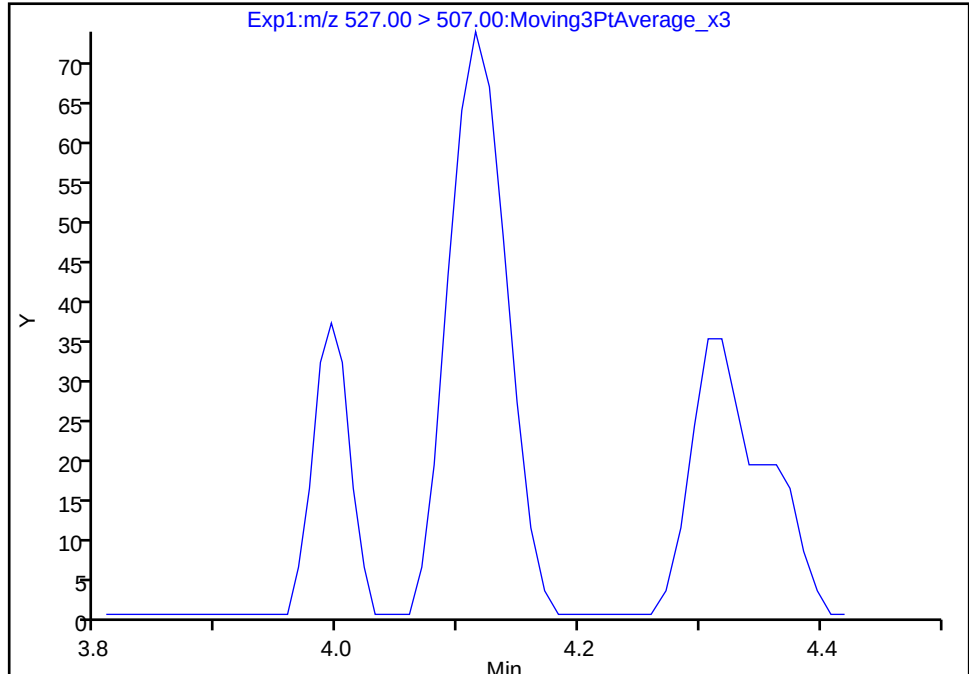
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d		
Injection Date:	04-Aug-2022 23:17:56	Instrument ID:	LC812
Lims ID:	460-262853-A-1-A	Lab Sample ID:	200-262853-1
Client ID:	BCS-21-05 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	21
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	21

25 1H,1H,2H,2H-perfluorodecanesulfo, CAS: 39108-34-4

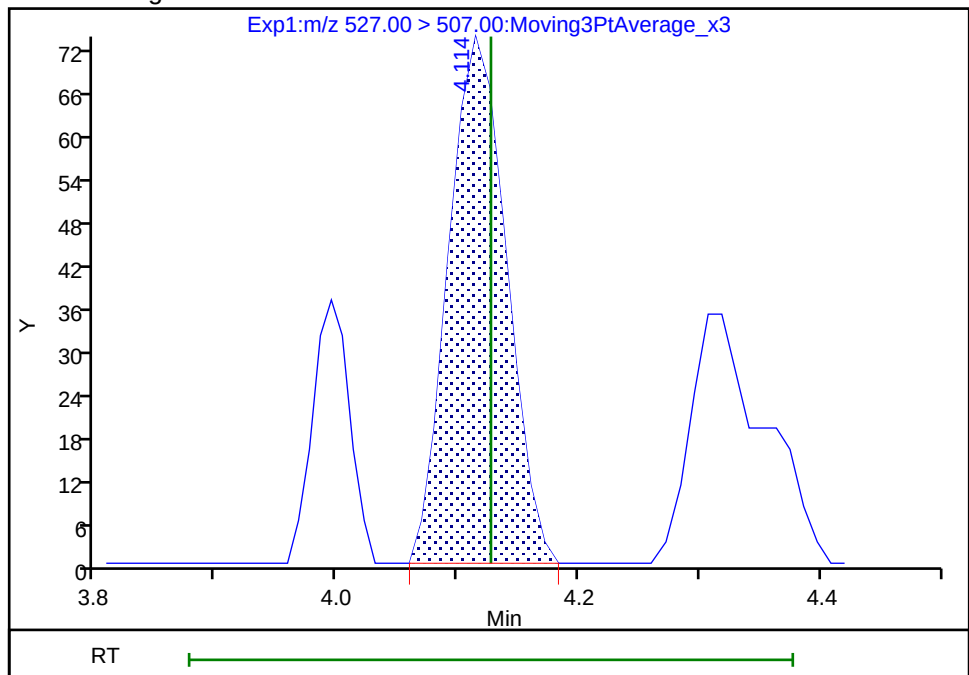
Signal: 1

Not Detected
Expected RT: 4.13

Processing Integration Results



Manual Integration Results

RT: 4.11
Area: 247
Amount: 0.001200
Amount Units: ng/ml

Eurofins Burlington

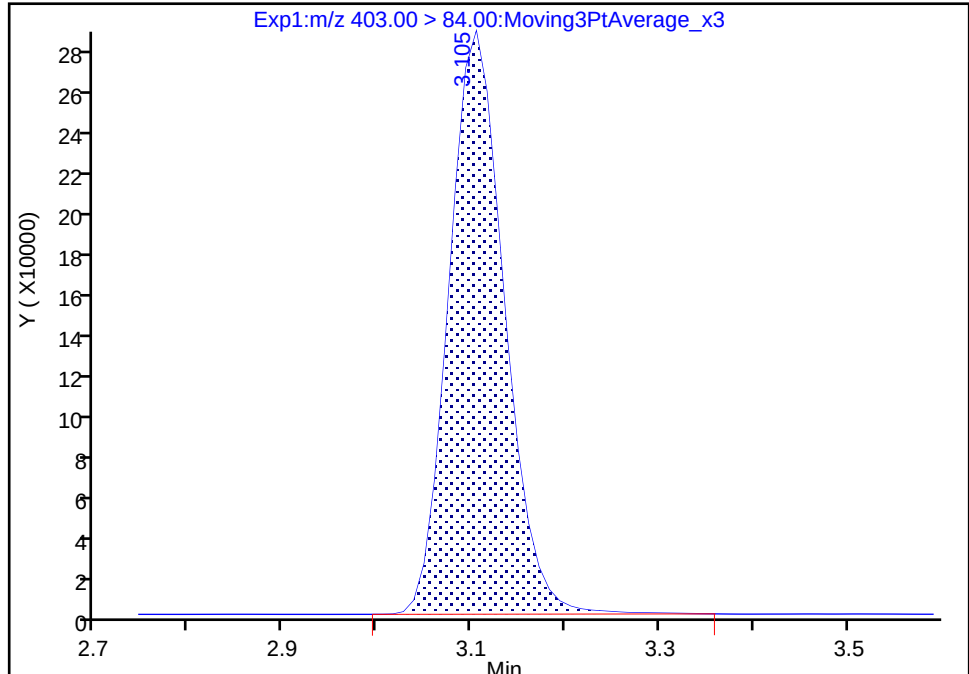
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d		
Injection Date:	04-Aug-2022 23:17:56	Instrument ID:	LC812
Lims ID:	460-262853-A-1-A	Lab Sample ID:	200-262853-1
Client ID:	BCS-21-05 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	21
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	21

D 11 18O2 PFHxS, CAS: STL00994

Signal: 1

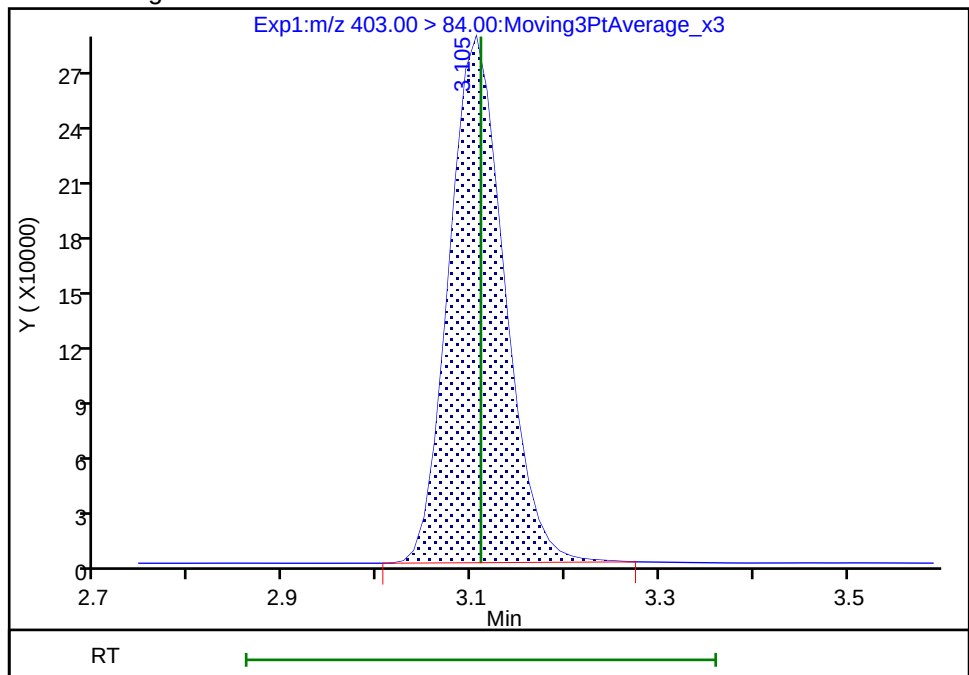
RT: 3.11
Area: 1163082
Amount: 1.082301
Amount Units: ng/ml

Processing Integration Results



RT: 3.11
Area: 1157107
Amount: 1.081056
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 11:55:40
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

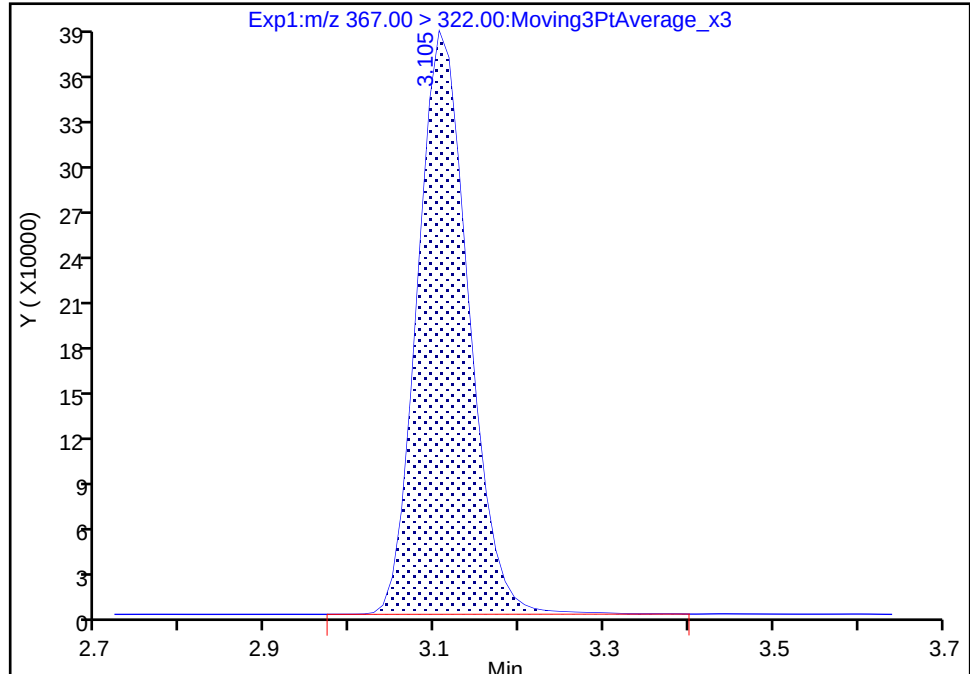
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d		
Injection Date:	04-Aug-2022 23:17:56	Instrument ID:	LC812
Lims ID:	460-262853-A-1-A	Lab Sample ID:	200-262853-1
Client ID:	BCS-21-05 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	21
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	21

D 9 13C4 PFHpA, CAS: STL01892

Signal: 1

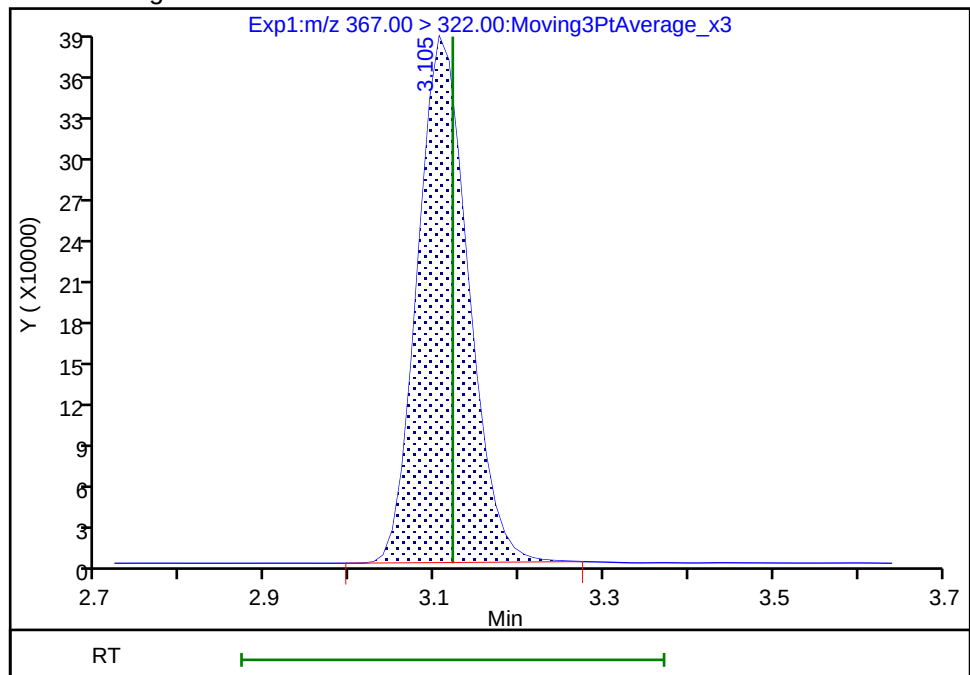
RT: 3.11
Area: 1600684
Amount: 1.170512
Amount Units: ng/ml

Processing Integration Results



RT: 3.11
Area: 1589117
Amount: 1.166711
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 11:56:06
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

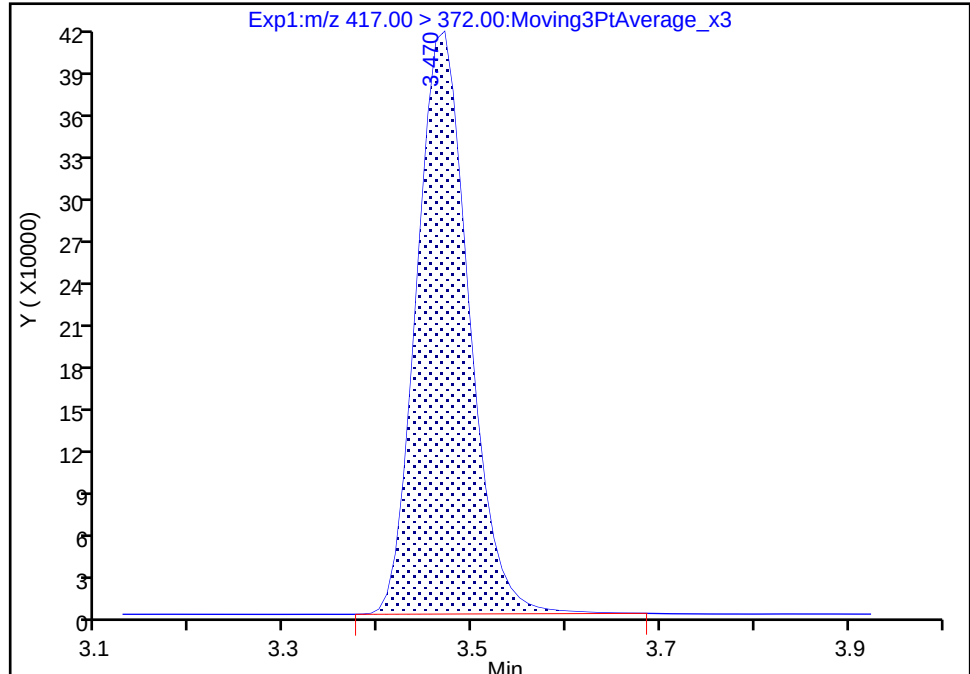
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d		
Injection Date:	04-Aug-2022 23:17:56	Instrument ID:	LC812
Lims ID:	460-262853-A-1-A	Lab Sample ID:	200-262853-1
Client ID:	BCS-21-05 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	21
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	21

D 14 13C4 PFOA, CAS: STL00990

Signal: 1

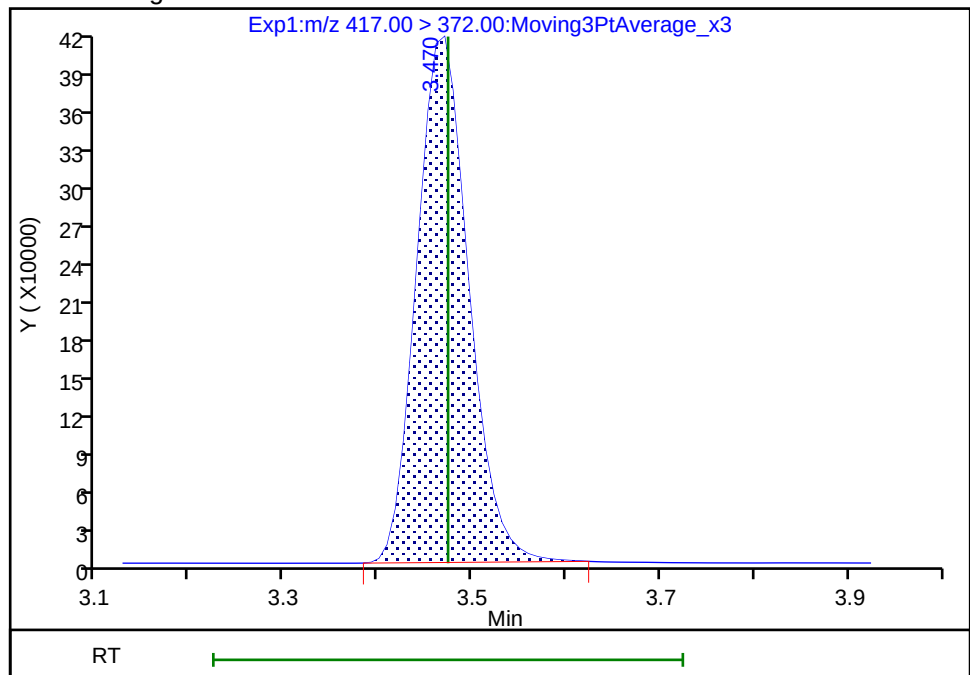
RT: 3.47
Area: 1603623
Amount: 1.144414
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 1595597
Amount: 1.143250
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 11:57:16
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

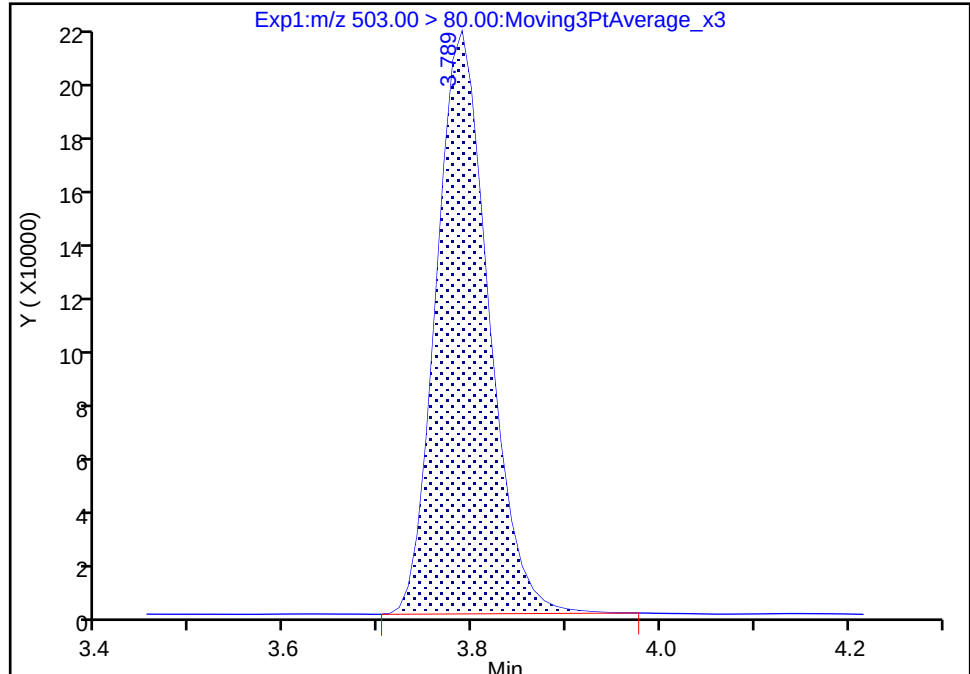
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d		
Injection Date:	04-Aug-2022 23:17:56	Instrument ID:	LC812
Lims ID:	460-262853-A-1-A	Lab Sample ID:	200-262853-1
Client ID:	BCS-21-05 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	21
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	21

D 18 13C4 PFOS, CAS: STL00991

Signal: 1

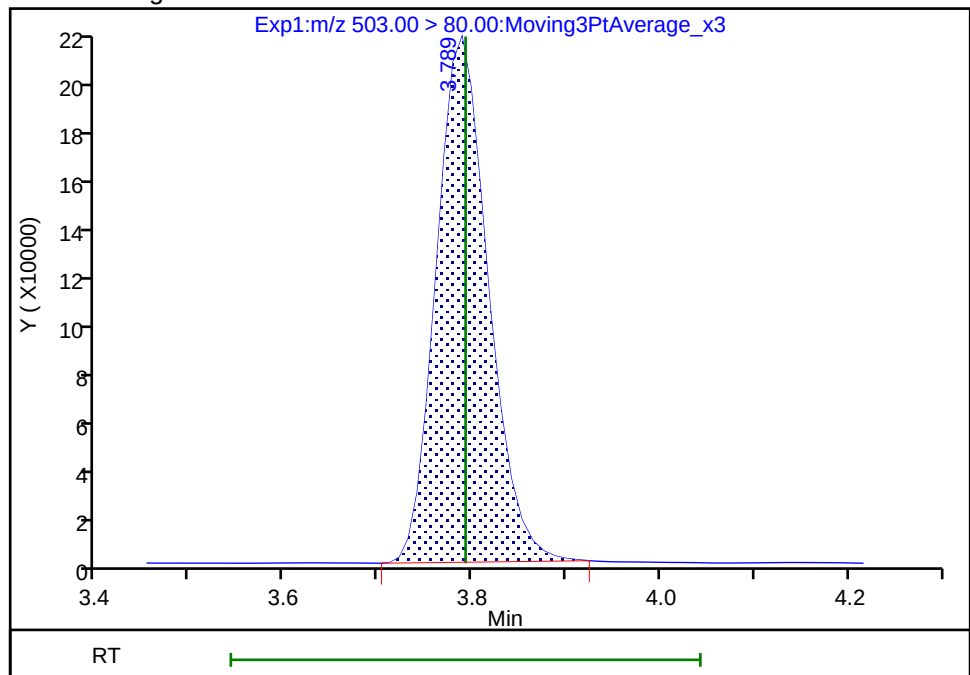
RT: 3.79
Area: 819362
Amount: 1.025197
Amount Units: ng/ml

Processing Integration Results



RT: 3.79
Area: 814706
Amount: 1.019371
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 11:57:54

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

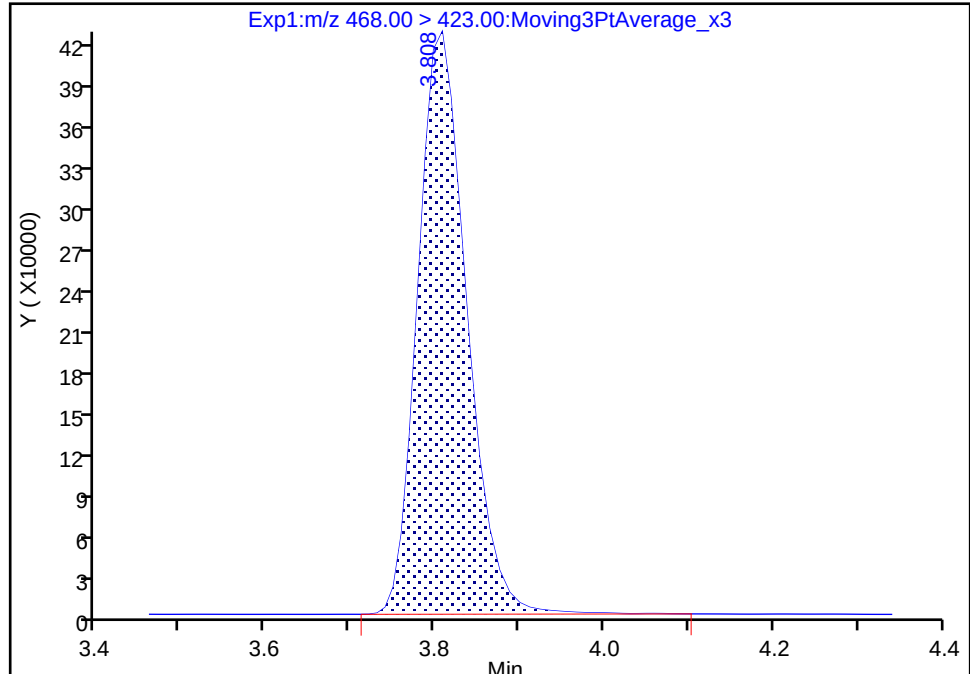
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d		
Injection Date:	04-Aug-2022 23:17:56	Instrument ID:	LC812
Lims ID:	460-262853-A-1-A	Lab Sample ID:	200-262853-1
Client ID:	BCS-21-05 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	21
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	21

D 19 13C5 PFNA, CAS: STL00995

Signal: 1

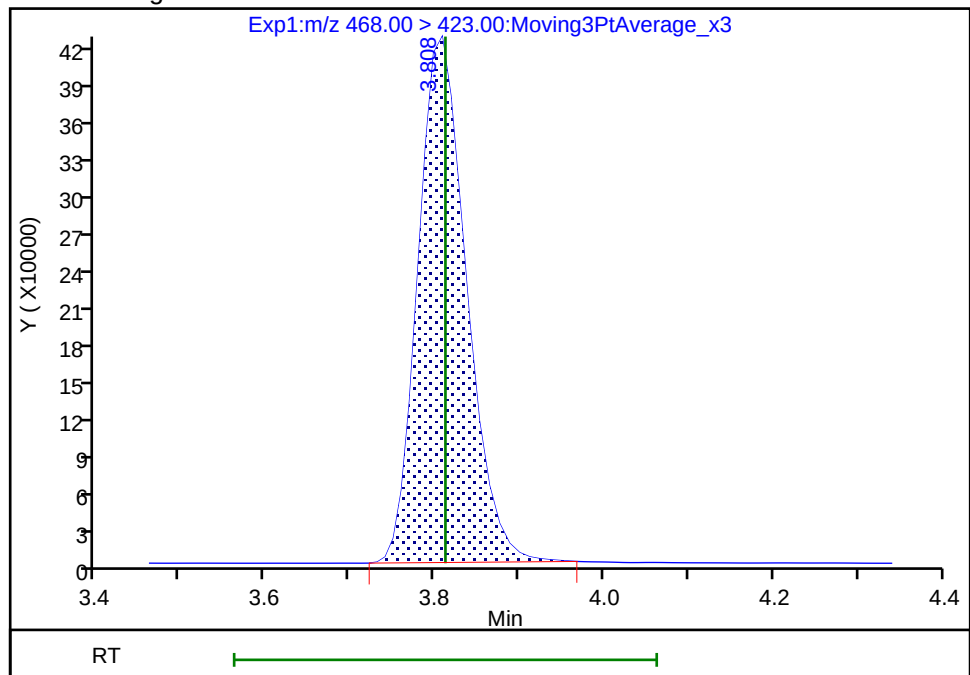
RT: 3.81
Area: 1701866
Amount: 1.169861
Amount Units: ng/ml

Processing Integration Results



RT: 3.81
Area: 1688816
Amount: 1.165543
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 11:58:04
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

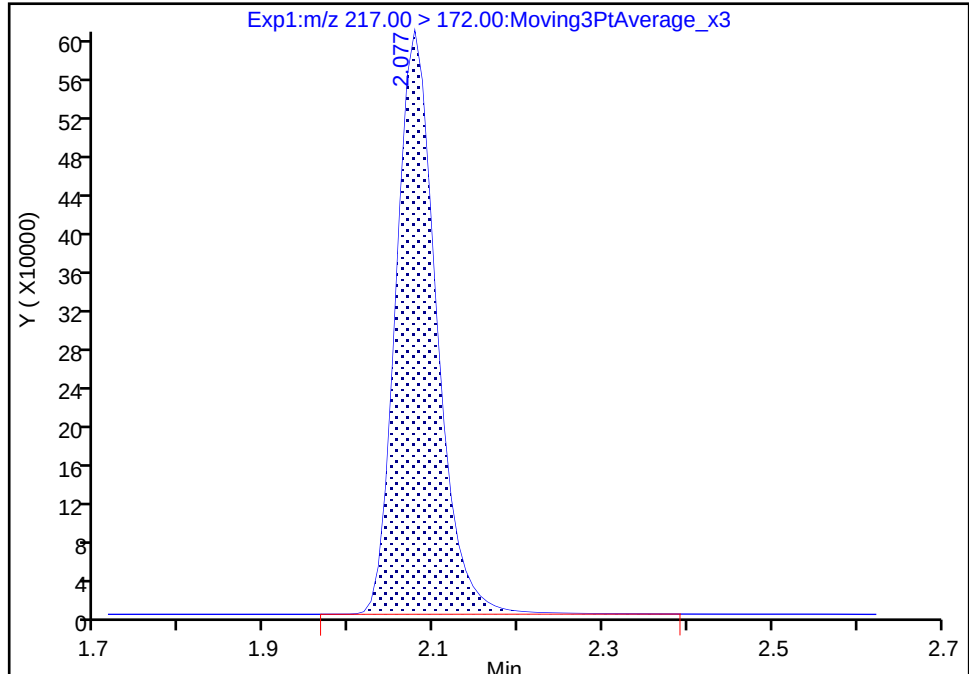
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d		
Injection Date:	04-Aug-2022 23:17:56	Instrument ID:	LC812
Lims ID:	460-262853-A-1-A	Lab Sample ID:	200-262853-1
Client ID:	BCS-21-05 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	21
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	21

D 1 13C4 PFBA, CAS: STL00992

Signal: 1

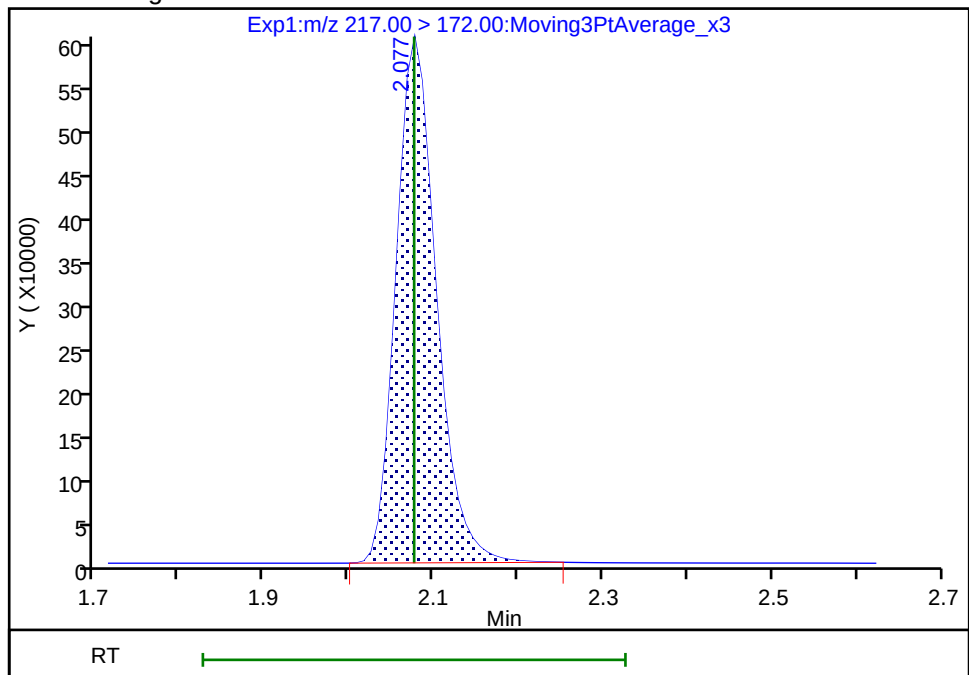
RT: 2.08
Area: 1993789
Amount: 1.161318
Amount Units: ng/ml

Processing Integration Results



RT: 2.08
Area: 1984535
Amount: 1.160560
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 11:54:23
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

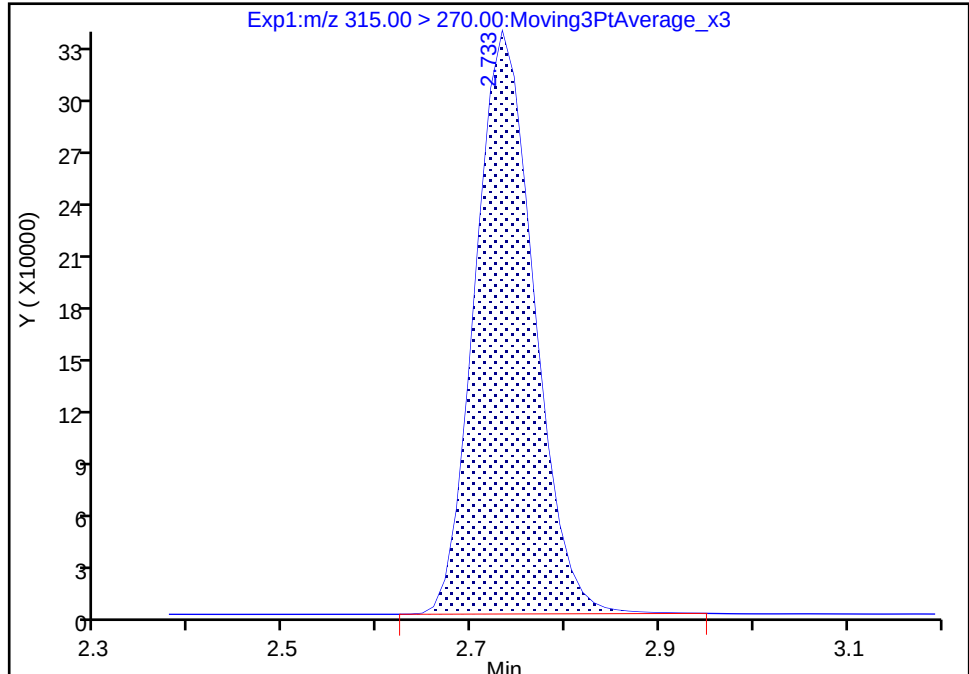
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d		
Injection Date:	04-Aug-2022 23:17:56	Instrument ID:	LC812
Lims ID:	460-262853-A-1-A	Lab Sample ID:	200-262853-1
Client ID:	BCS-21-05 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	21
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	21

D 7 13C2 PFHxA, CAS: STL00993

Signal: 1

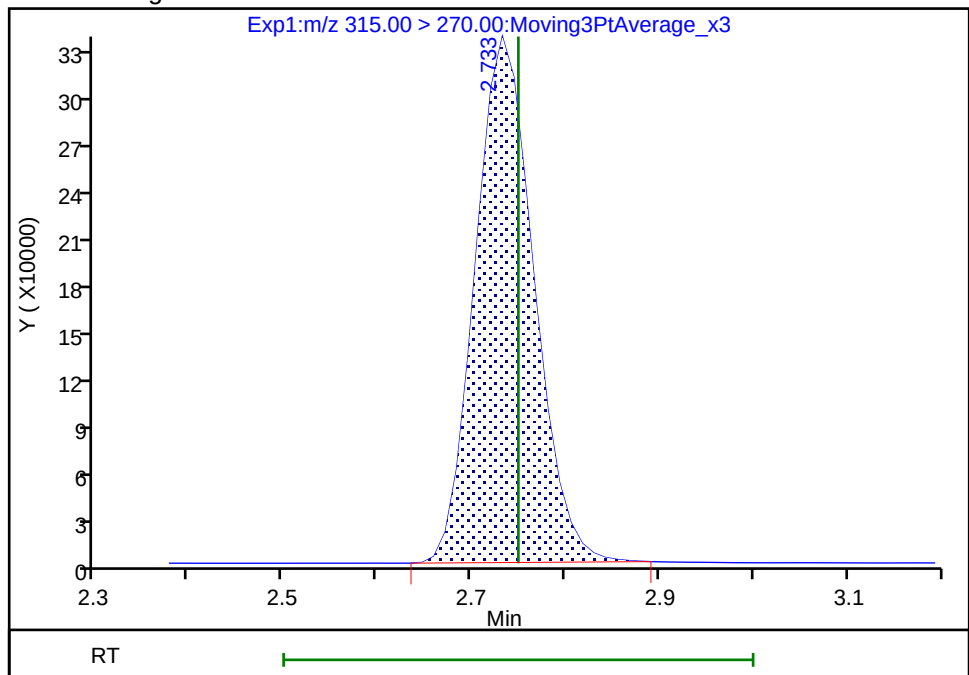
RT: 2.73
Area: 1474223
Amount: 1.118191
Amount Units: ng/ml

Processing Integration Results



RT: 2.73
Area: 1468984
Amount: 1.118683
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 11:55:25
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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08/09/2022

Eurofins Burlington

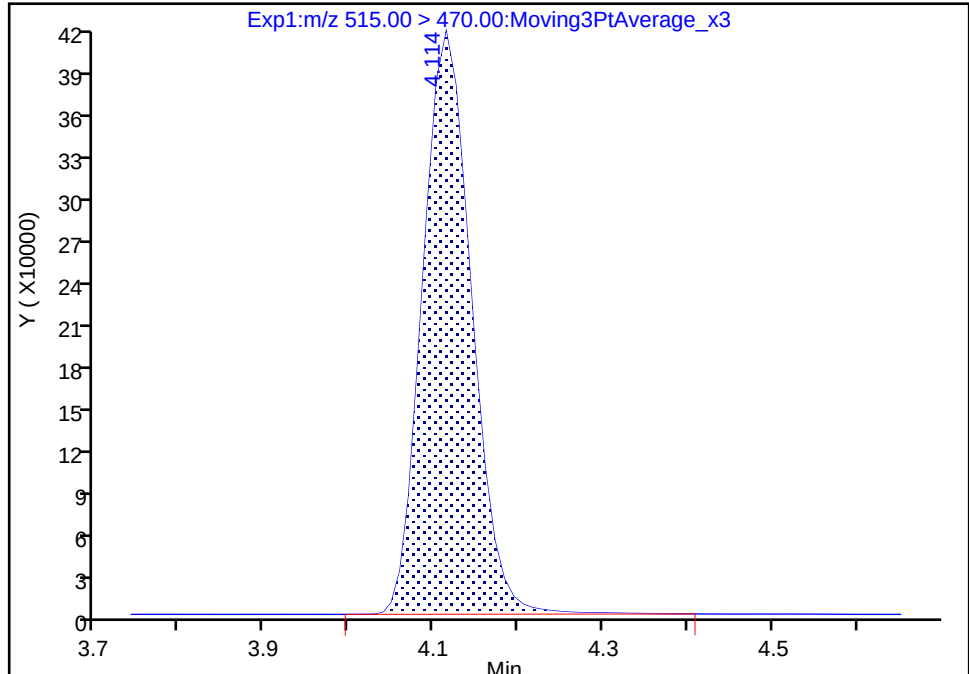
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d		
Injection Date:	04-Aug-2022 23:17:56	Instrument ID:	LC812
Lims ID:	460-262853-A-1-A	Lab Sample ID:	200-262853-1
Client ID:	BCS-21-05 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	21
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	21

D 23 13C2 PFDA, CAS: STL00996

Signal: 1

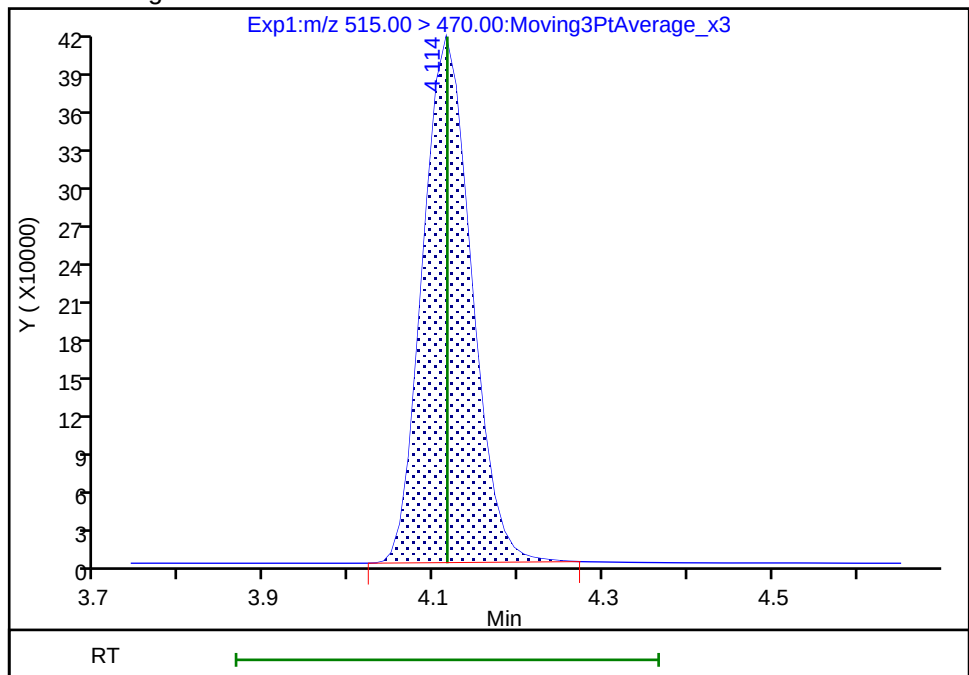
RT: 4.11
Area: 1671563
Amount: 1.185363
Amount Units: ng/ml

Processing Integration Results



RT: 4.11
Area: 1659877
Amount: 1.177076
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 11:58:14
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

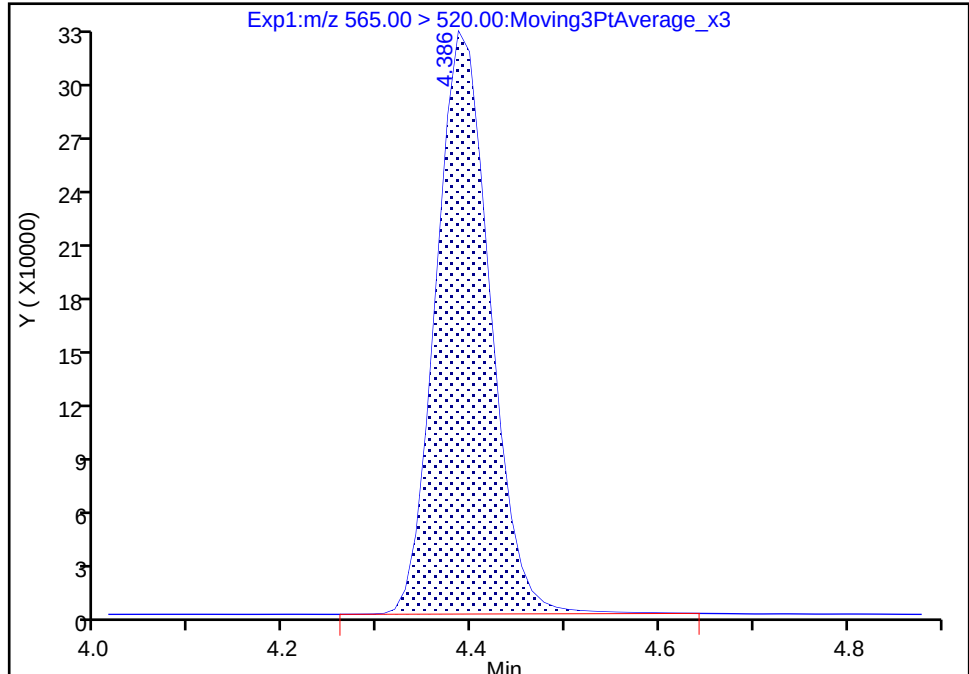
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d		
Injection Date:	04-Aug-2022 23:17:56	Instrument ID:	LC812
Lims ID:	460-262853-A-1-A	Lab Sample ID:	200-262853-1
Client ID:	BCS-21-05 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	21
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	21

D 30 13C2 PFUnA, CAS: STL00997

Signal: 1

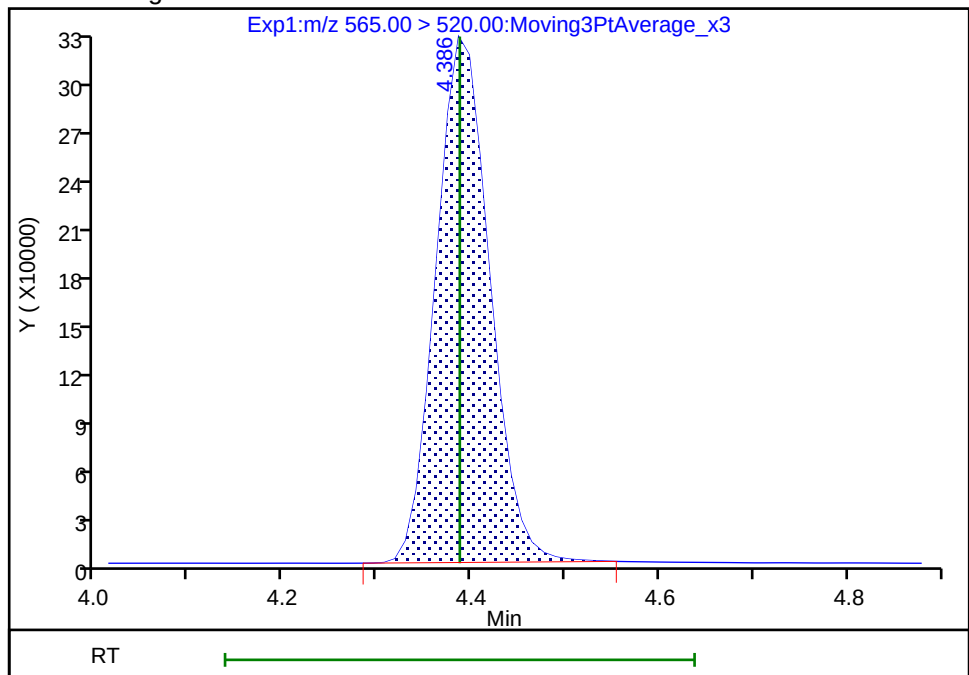
RT: 4.39
Area: 1302774
Amount: 1.219308
Amount Units: ng/ml

Processing Integration Results



RT: 4.39
Area: 1295189
Amount: 1.212209
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 11:59:06
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

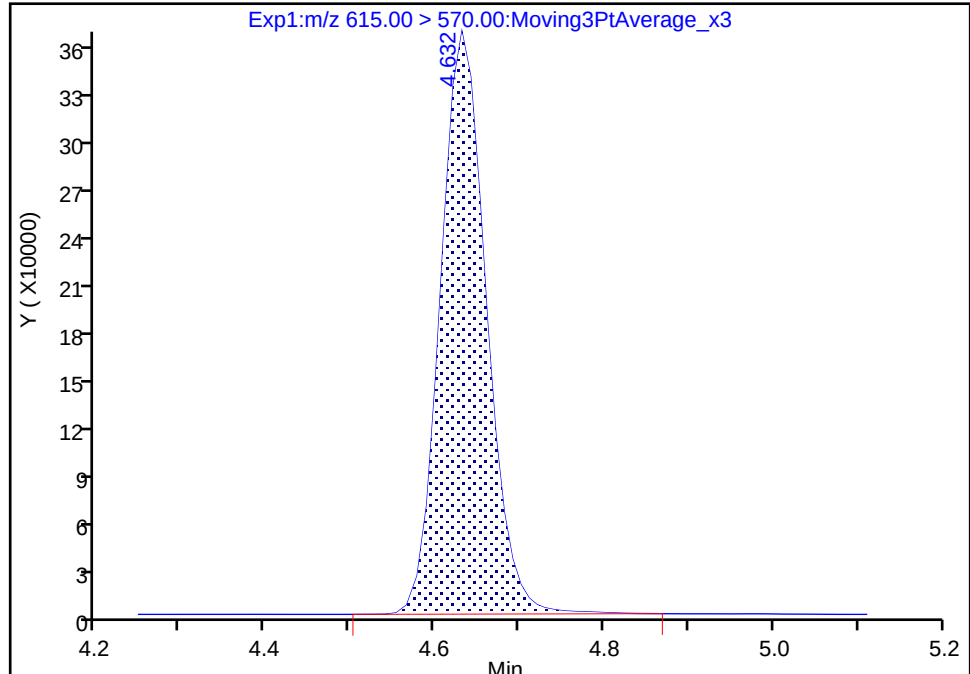
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d		
Injection Date:	04-Aug-2022 23:17:56	Instrument ID:	LC812
Lims ID:	460-262853-A-1-A	Lab Sample ID:	200-262853-1
Client ID:	BCS-21-05 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	21
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	21

D 36 13C2 PFD_oA, CAS: STL00998

Signal: 1

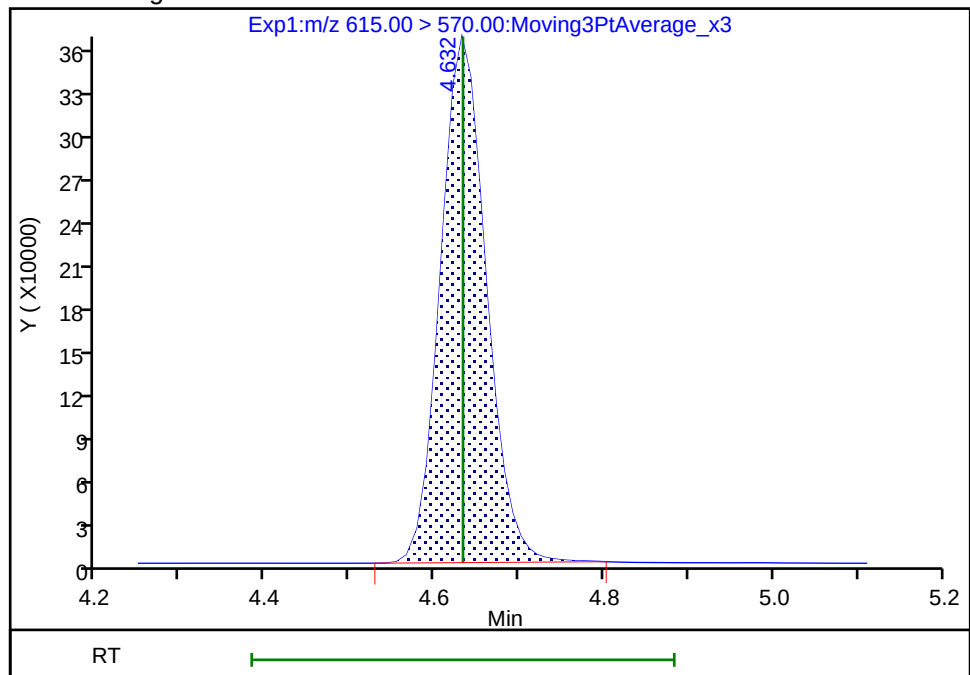
RT: 4.63
Area: 1383271
Amount: 1.249369
Amount Units: ng/ml

Processing Integration Results



RT: 4.63
Area: 1376453
Amount: 1.243211
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 11:59:19

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

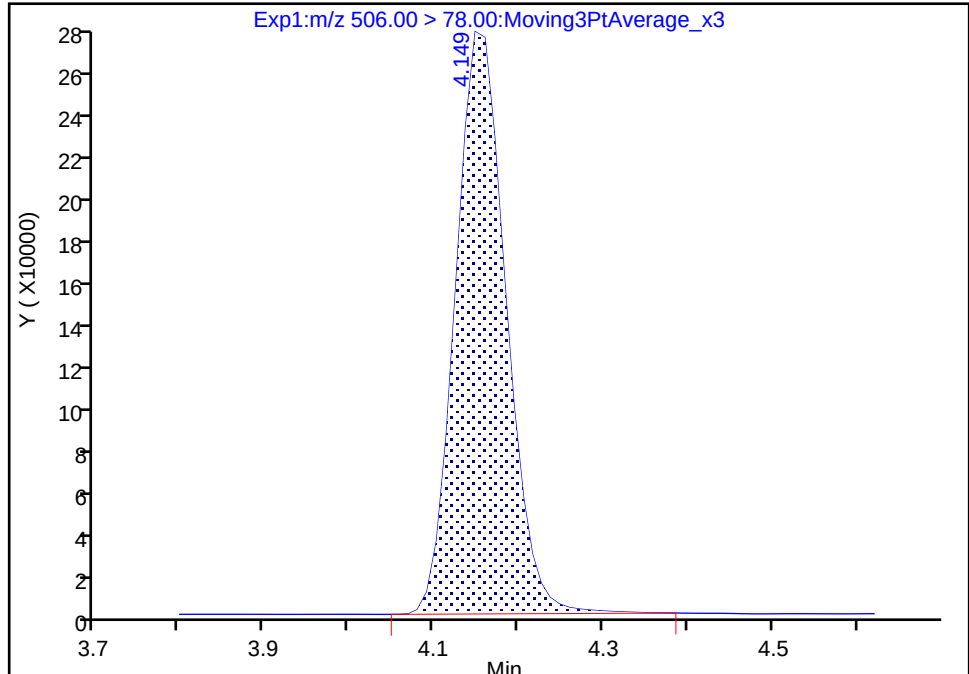
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d		
Injection Date:	04-Aug-2022 23:17:56	Instrument ID:	LC812
Lims ID:	460-262853-A-1-A	Lab Sample ID:	200-262853-1
Client ID:	BCS-21-05 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	21
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	21

D 21 13C8 FOSA, CAS: STL01056

Signal: 1

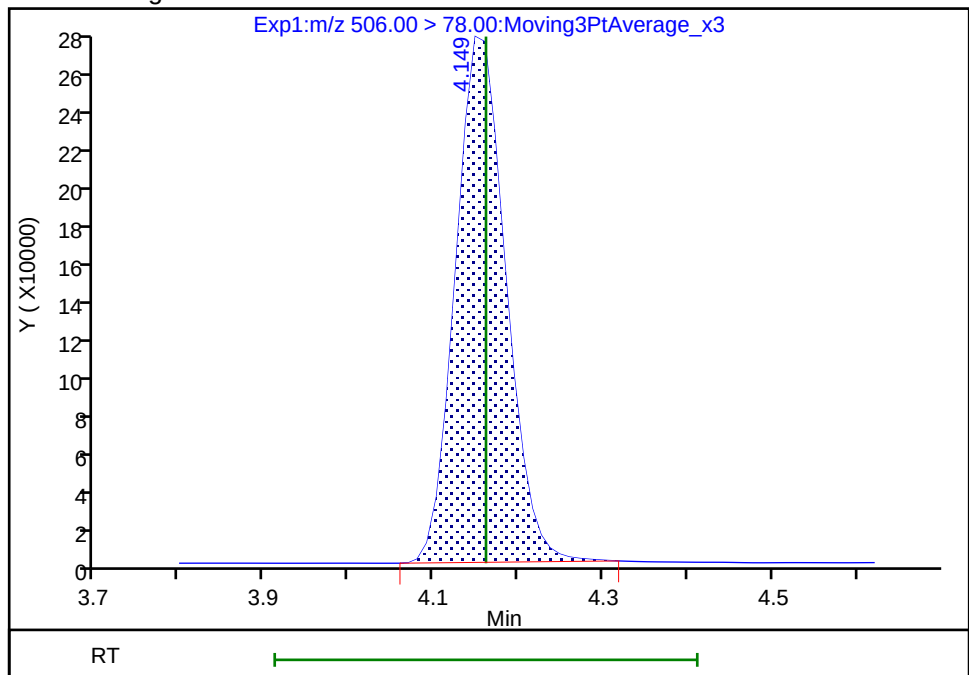
RT: 4.15
Area: 1135745
Amount: 0.920216
Amount Units: ng/ml

Processing Integration Results



RT: 4.15
Area: 1129198
Amount: 0.914911
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 11:58:25
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

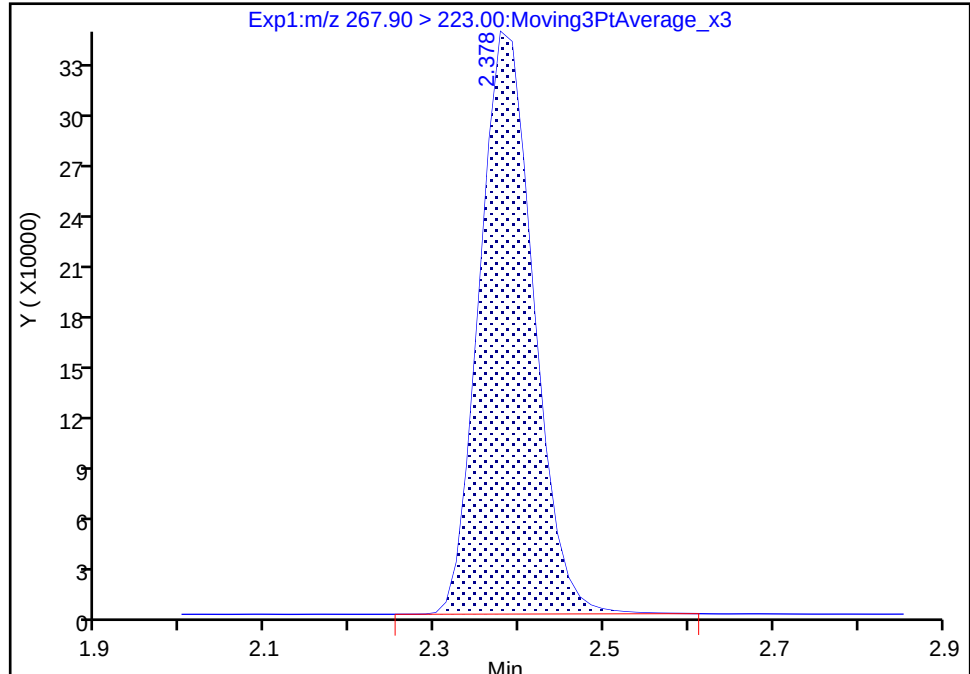
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d		
Injection Date:	04-Aug-2022 23:17:56	Instrument ID:	LC812
Lims ID:	460-262853-A-1-A	Lab Sample ID:	200-262853-1
Client ID:	BCS-21-05 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	21
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	21

D 3 13C5 PFPeA, CAS: STL01893

Signal: 1

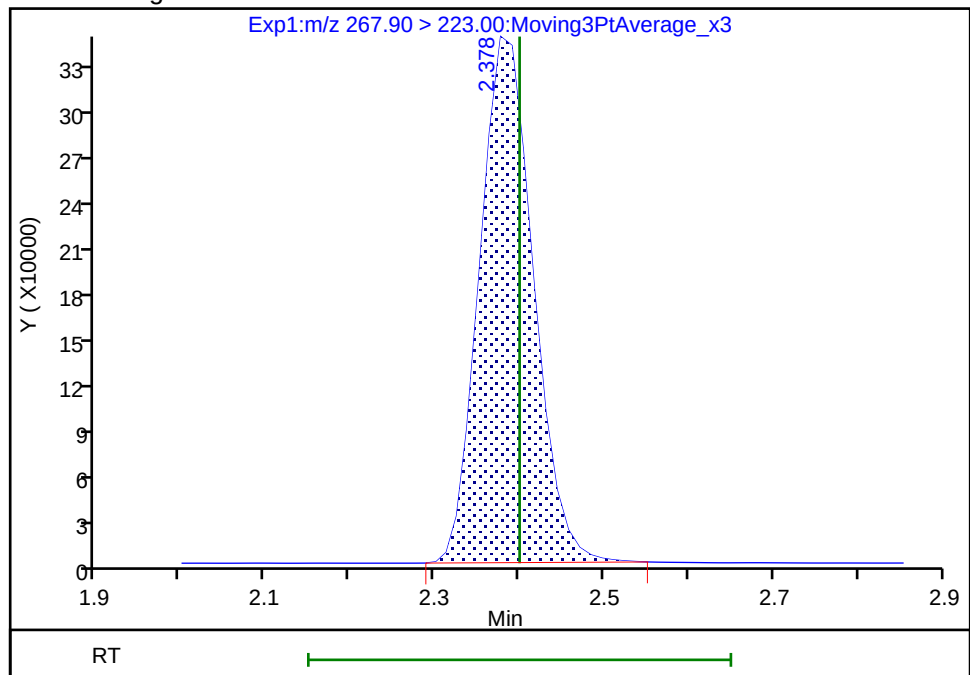
RT: 2.38
Area: 1537871
Amount: 1.164606
Amount Units: ng/ml

Processing Integration Results



RT: 2.38
Area: 1532911
Amount: 1.165502
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 11:54:37
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

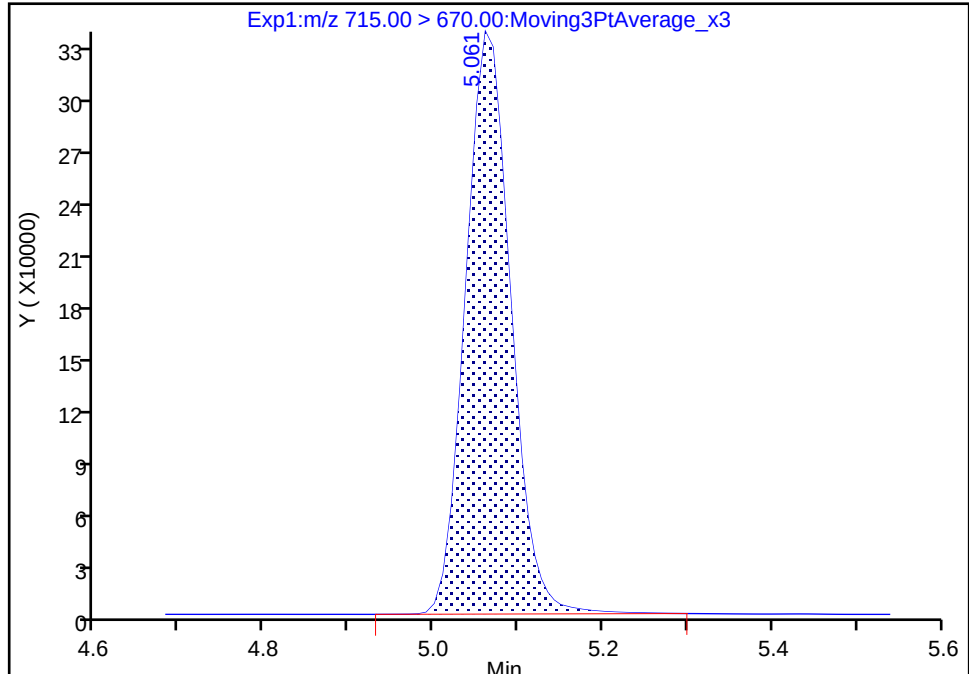
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d		
Injection Date:	04-Aug-2022 23:17:56	Instrument ID:	LC812
Lims ID:	460-262853-A-1-A	Lab Sample ID:	200-262853-1
Client ID:	BCS-21-05 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	21
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	21

D 43 13C2 PFTeDA, CAS: STL02116

Signal: 1

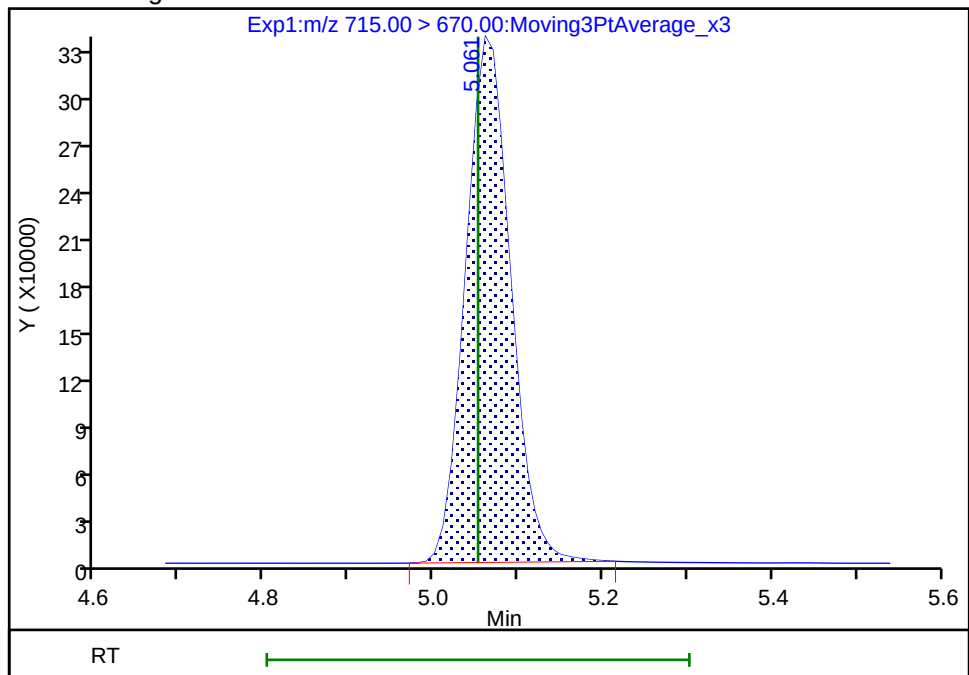
RT: 5.06
Area: 1226646
Amount: 1.355283
Amount Units: ng/ml

Processing Integration Results



RT: 5.06
Area: 1218528
Amount: 1.346314
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 11:59:27

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

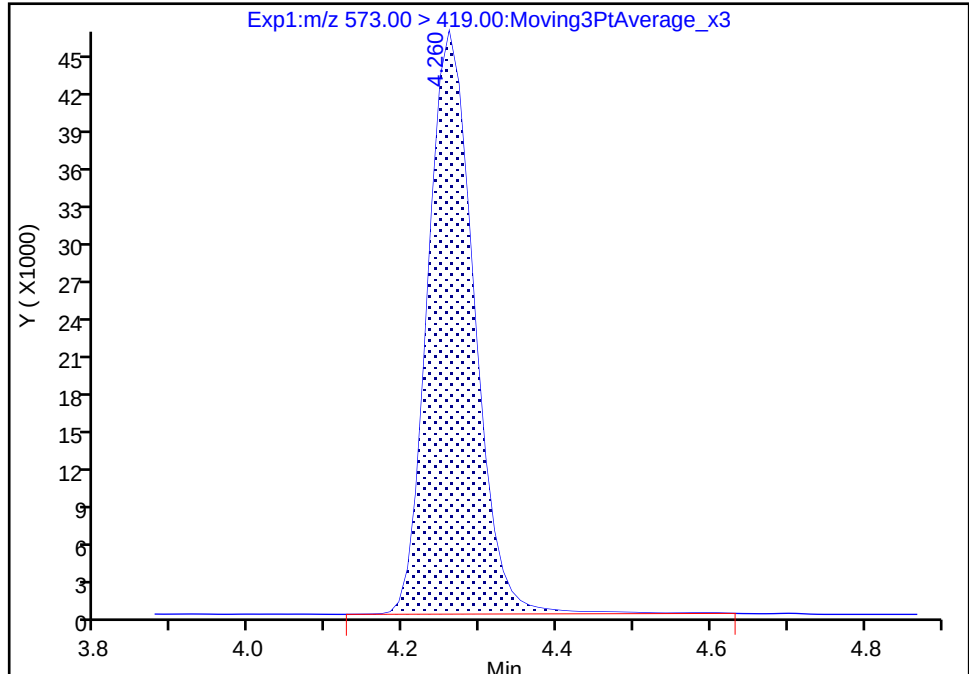
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d		
Injection Date:	04-Aug-2022 23:17:56	Instrument ID:	LC812
Lims ID:	460-262853-A-1-A	Lab Sample ID:	200-262853-1
Client ID:	BCS-21-05 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	21
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	21

D 27 d3-NMeFOSAA, CAS: STL02118

Signal: 1

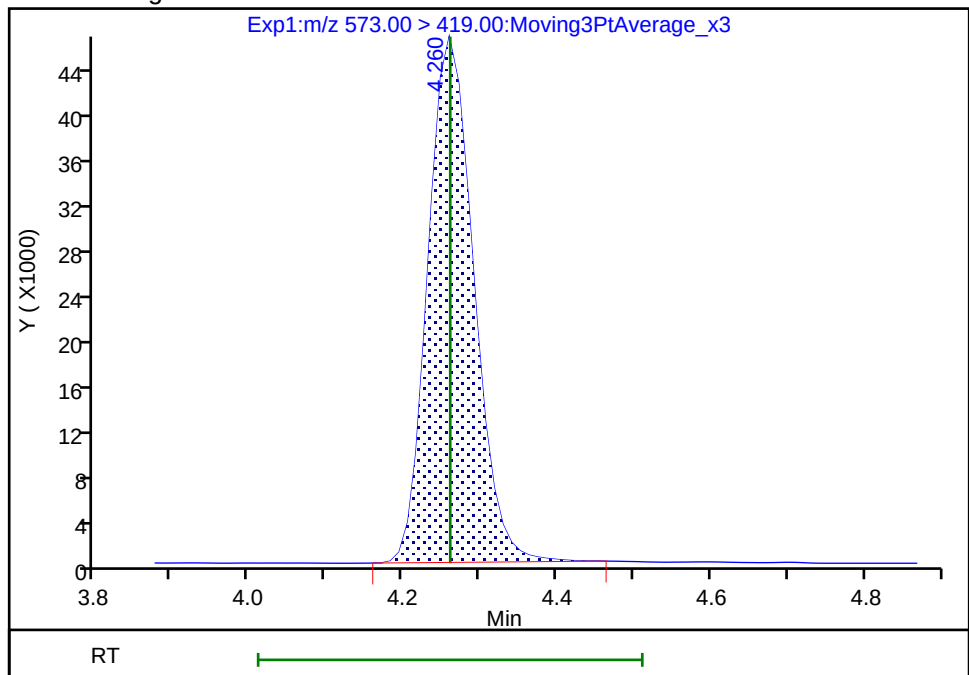
RT: 4.26
Area: 191745
Amount: 1.010435
Amount Units: ng/ml

Processing Integration Results



RT: 4.26
Area: 189840
Amount: 1.004406
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 11:58:51
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

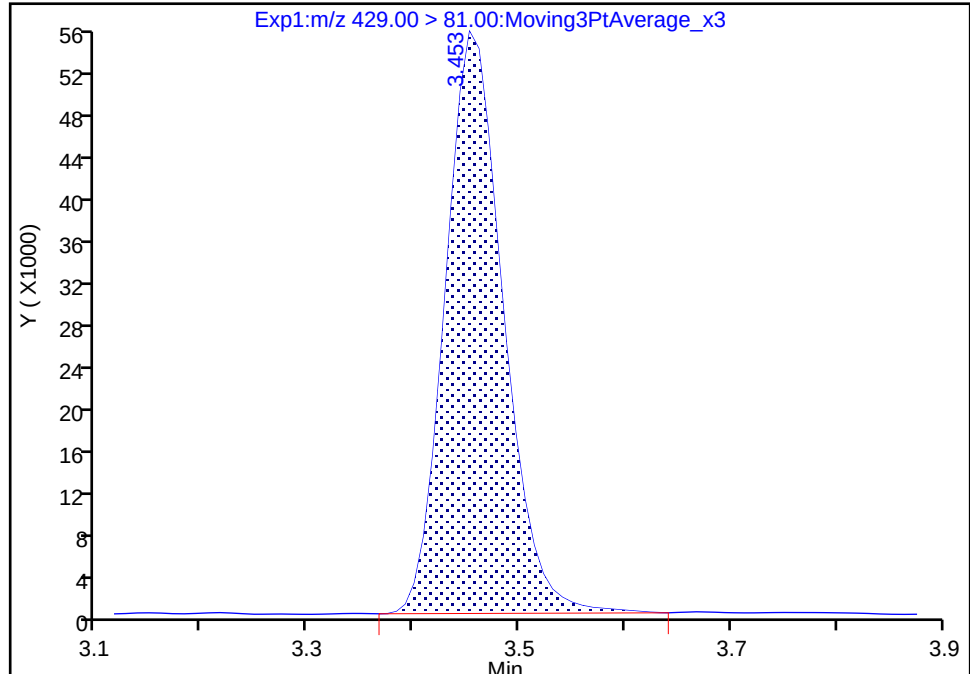
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d		
Injection Date:	04-Aug-2022 23:17:56	Instrument ID:	LC812
Lims ID:	460-262853-A-1-A	Lab Sample ID:	200-262853-1
Client ID:	BCS-21-05 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	21
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	21

D 12 M2-6:2 FTS, CAS: STL02279

Signal: 1

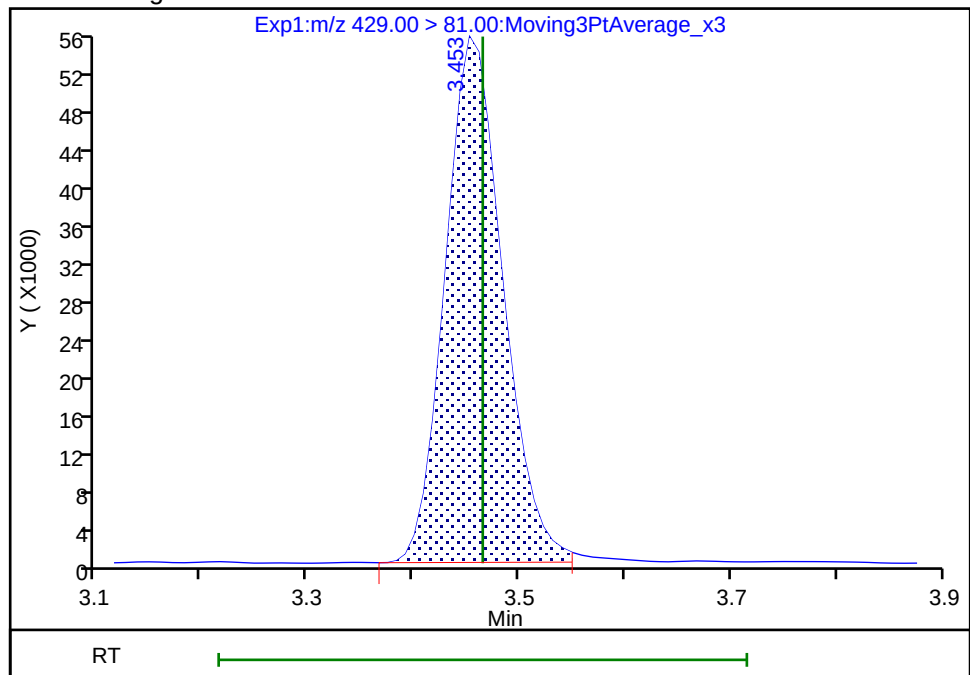
RT: 3.45
Area: 209286
Amount: 1.163579
Amount Units: ng/ml

Processing Integration Results



RT: 3.45
Area: 207485
Amount: 1.158189
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 11:56:20

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

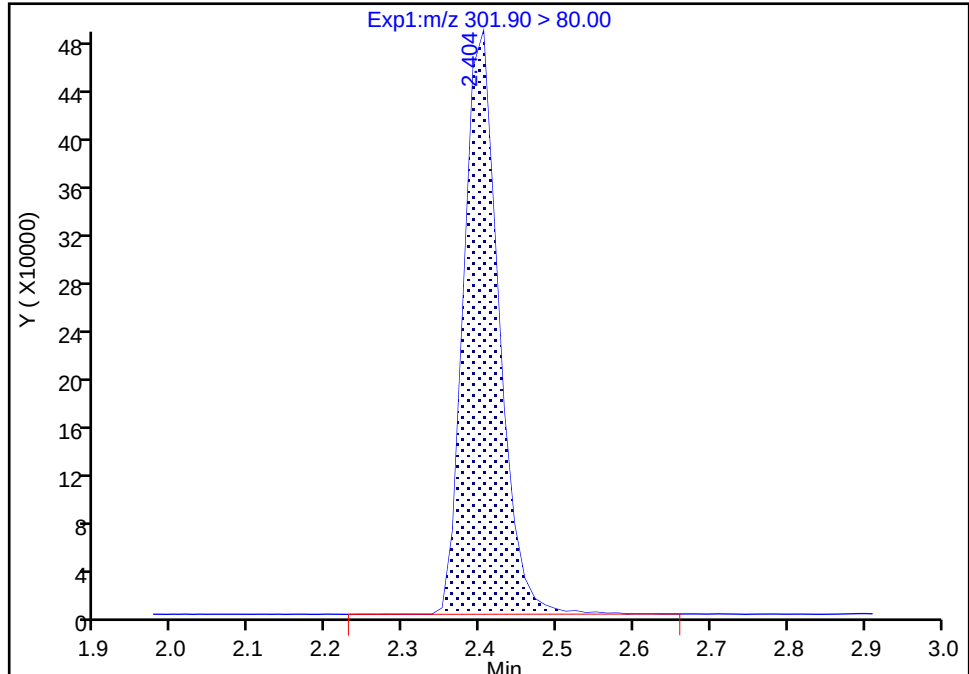
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d		
Injection Date:	04-Aug-2022 23:17:56	Instrument ID:	LC812
Lims ID:	460-262853-A-1-A	Lab Sample ID:	200-262853-1
Client ID:	BCS-21-05 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	21
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	21

D 47 13C3 PFBS, CAS: STL02337

Signal: 1

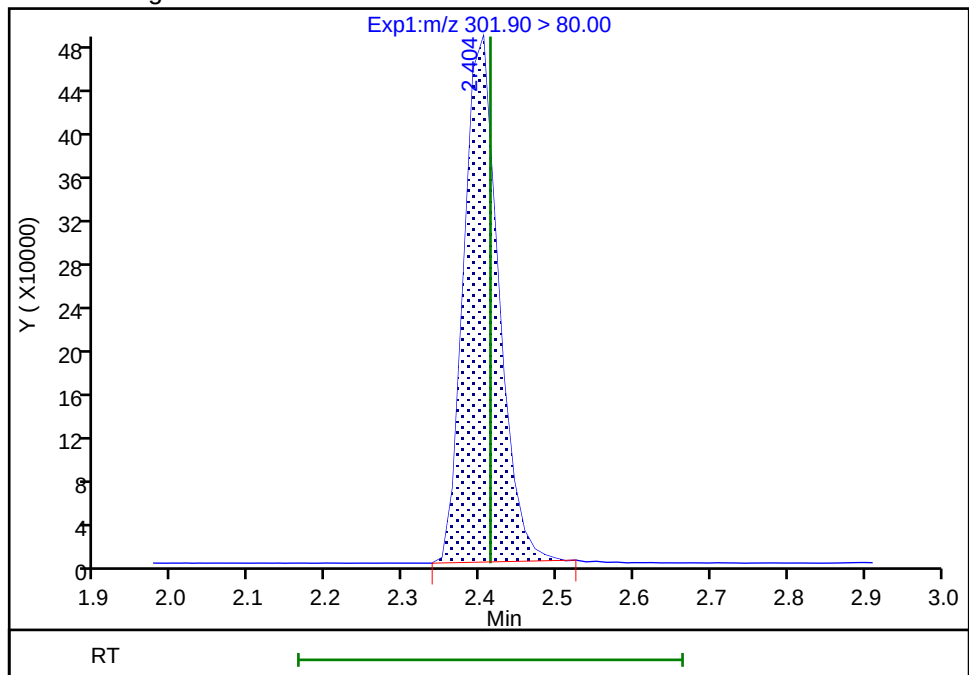
RT: 2.40
Area: 1545610
Amount: 1.011546
Amount Units: ng/ml

Processing Integration Results



RT: 2.40
Area: 1524891
Amount: 1.001985
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 11:54:57

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

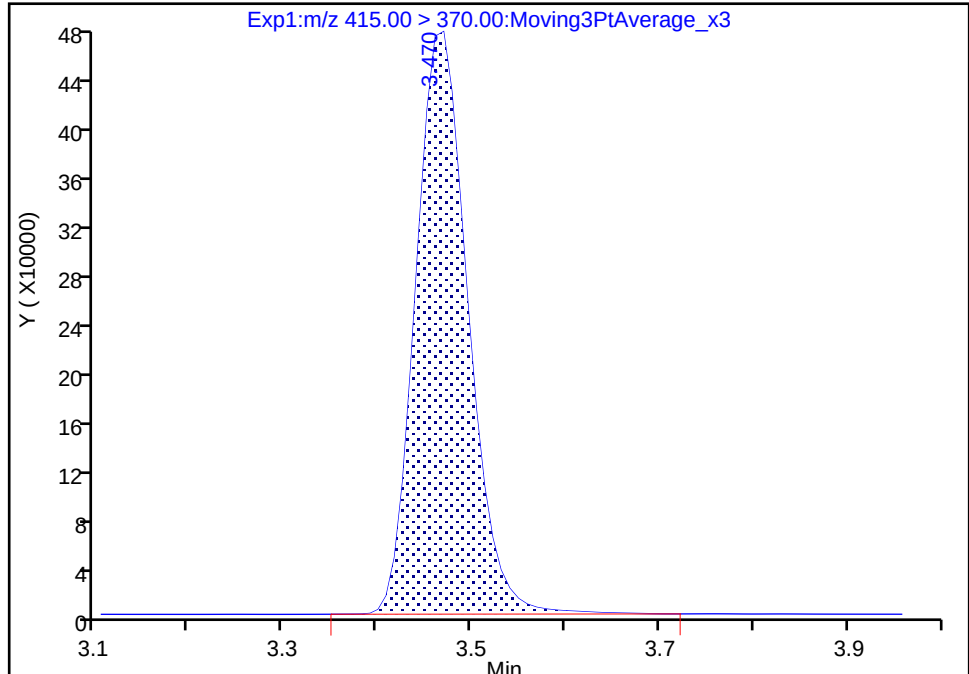
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D21.d		
Injection Date:	04-Aug-2022 23:17:56	Instrument ID:	LC812
Lims ID:	460-262853-A-1-A	Lab Sample ID:	200-262853-1
Client ID:	BCS-21-05 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	21
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	21

* 62 13C2 PFOA, CAS: STL00623

Signal: 1

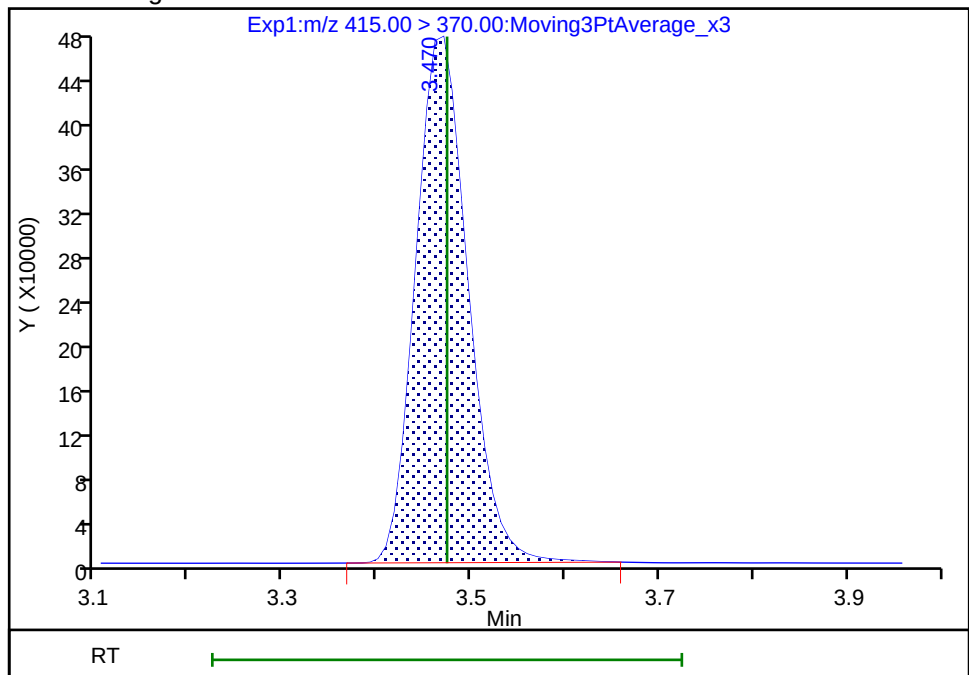
RT: 3.47
Area: 1838868
Amount: 1.250000
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 1831528
Amount: 1.250000
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 11:57:30
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Burlington</u>	Job No.: <u>460-262853-1</u>
SDG No.: _____	
Client Sample ID: <u>BCS-21-06 P (4-4.5)</u>	Lab Sample ID: <u>460-262853-2</u>
Matrix: <u>Solid</u>	Lab File ID: <u>PA220804D22.d</u>
Analysis Method: <u>537 (modified)</u>	Date Collected: <u>07/28/2022 13:45</u>
Extraction Method: <u>SHAKE</u>	Date Extracted: <u>08/04/2022 08:35</u>
Sample wt/vol: <u>5.14(g)</u>	Date Analyzed: <u>08/04/2022 23:26</u>
Con. Extract Vol.: <u>10(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>20(uL)</u>	GC Column: <u>C-18</u> ID: <u>4.6 (mm)</u>
% Moisture: <u>23.1</u> % Solids: <u>76.9</u>	GPC Cleanup: (Y/N) <u>N</u>
Cleanup Factor: _____	
Analysis Batch No.: <u>182390</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	0.63	U	0.63	0.42
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.25	U	0.25	0.070
307-24-4	Perfluorohexanoic acid (PFHxA)	0.25	U	0.25	0.058
375-85-9	Perfluoroheptanoic acid (PFHpA)	0.25	U	0.25	0.049
335-67-1	Perfluorooctanoic acid (PFOA)	0.25	U	0.25	0.073
375-95-1	Perfluorononanoic acid (PFNA)	0.25	U	0.25	0.043
335-76-2	Perfluorodecanoic acid (PFDA)	0.25	U	0.25	0.035
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.25	U	0.25	0.034
307-55-1	Perfluorododecanoic acid (PFDoA)	0.25	U	0.25	0.032
72629-94-8	Perfluorotridecanoic acid (PFTriA)	0.25	U	0.25	0.032
376-06-7	Perfluorotetradecanoic acid (PFTeA)	0.25	U	0.25	0.033
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.25	U	0.25	0.042
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	0.25	U	0.25	0.052
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	0.25	U	0.25	0.029
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.25	U	0.25	0.14
335-77-3	Perfluorodecanesulfonic acid (PFDS)	0.25	U	0.25	0.024
754-91-6	Perfluorooctanesulfonamide (FOSA)	0.25	U	0.25	0.043
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.53	U	2.53	0.14
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.53	U	2.53	0.10
27619-97-2	6:2 FTS	2.53	U	2.53	0.072
39108-34-4	8:2 FTS	2.53	U	2.53	0.047

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 460-262853-1
 SDG No.: _____
 Client Sample ID: BCS-21-06 P (4-4.5) Lab Sample ID: 460-262853-2
 Matrix: Solid Lab File ID: PA220804D22.d
 Analysis Method: 537 (modified) Date Collected: 07/28/2022 13:45
 Extraction Method: SHAKE Date Extracted: 08/04/2022 08:35
 Sample wt/vol: 5.14(g) Date Analyzed: 08/04/2022 23:26
 Con. Extract Vol.: 10(mL) Dilution Factor: 1
 Injection Volume: 20(uL) GC Column: C-18 ID: 4.6(mm)
 % Moisture: 23.1 % Solids: 76.9 GPC Cleanup: (Y/N) N
 Cleanup Factor: _____
 Analysis Batch No.: 182390 Units: ug/Kg

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00994	18O2 PFHxS	90		50-150
STL01892	13C4 PFHpA	96		50-150
STL00990	13C4 PFOA	92		50-150
STL00991	13C4 PFOS	87		50-150
STL00995	13C5 PFNA	93		50-150
STL00992	13C4 PFBA	93		50-150
STL00993	13C2 PFHxA	98		50-150
STL00996	13C2 PFDA	95		50-150
STL00997	13C2 PFUnA	92		50-150
STL00998	13C2 PFDoA	93		50-150
STL01056	13C8 FOSA	79		50-150
STL01893	13C5 PFPeA	96		50-150
STL02116	13C2 PFTeDA	108		50-150
STL02118	d3-NMeFOSAA	77		50-150
STL02117	d5-NEtFOSAA	81		50-150
STL02279	M2-6:2 FTS	86		50-150
STL02280	M2-8:2 FTS	94		50-150
STL02337	13C3 PFBS	85		50-150

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d
 Lims ID: 460-262853-A-2-A
 Client ID: BCS-21-06 P (4-4.5)
 Sample Type: Client
 Inject. Date: 04-Aug-2022 23:26:08 ALS Bottle#: 22 Worklist Smp#: 22
 Injection Vol: 20.0 ul Dil. Factor: 1.0000
 Sample Info: 460-262853-A-2-A
 Misc. Info.: 200-0051964-022 Plate: 1 Rack: 4
 Operator ID: lc812tech Instrument ID: LC812
 Method: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PFC_LC812.m
 Limit Group: LC_PFC_ICAL
 Last Update: 08-Aug-2022 12:20:08 Calib Date: 03-Aug-2022 13:41:11
 Integrator: Picker
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
 Column 1 : C-18 (4.60 mm) Det: EXP1
 Process Host: CTX1679

First Level Reviewer: nampitakw

Date: 05-Aug-2022 14:09:19

Ratio Calibration: Initial Calibration Level: 4

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										M
217.00 > 172.00	2.076	2.076	0.0	0.599	2327548	1.16		92.5	6655	M
2 Perfluorobutanoic acid										M
212.90 > 169.00	2.085	2.085	0.0	1.004	19725	0.0109			2.1	M
D 3 13C5 PFPeA										
267.90 > 223.00	2.387	2.400	-0.013	0.689	1858651	1.20		96.1	3423	
4 Perfluoropentanoic acid										M
262.90 > 219.00	2.387	2.400	-0.013	1.000	26135	0.0170			0.8	M
D 47 13C3 PFBS										M
301.90 > 80.00	2.400	2.413	-0.013	0.693	1769191	0.9878		85.0	138351	M
5 Perfluorobutanesulfonic acid										M
298.90 > 80.00	2.400	2.413	-0.013	1.000	3244	0.001931	Target=2.23		2.9	
298.90 > 99.00	2.427	2.413	0.014	1.011	2293		1.41(1.11-3.34)		0.2	M
6 Perfluorohexanoic acid										M
313.00 > 269.00	2.737	2.750	-0.013	1.000	16222	0.0103	Target=12.24		2.2	
313.00 > 119.00	2.737	2.750	-0.013	1.000	1536		10.56(6.12-18.36)		1.7	M
D 7 13C2 PFHxA										
315.00 > 270.00	2.737	2.750	-0.013	0.790	1884059	1.22		97.5	4871	
D 11 18O2 PFHxS										
403.00 > 84.00	3.110	3.110	0.0	0.897	1344843	1.07		90.3	2394	
8 Perfluorohexanesulfonic acid										M
399.00 > 80.00	3.110	3.110	0.0	1.000	5490	0.004377	Target=3.43		11.4	M
399.00 > 99.00	3.121	3.110	0.011	1.004	2454		2.24(1.72-5.15)		1.2	M
D 9 13C4 PFHpA										
367.00 > 322.00	3.110	3.121	-0.011	0.897	1917361	1.20		95.7	2278	
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.110	3.121	-0.011	1.000	18416	0.0116	Target=3.73		3.8	
363.00 > 169.00	3.110	3.121	-0.011	1.000	5287		3.48(1.86-5.59)		13.5	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 12 M2-6:2 FTS										
429.00 > 81.00	3.456	3.465	-0.009	0.997	216536	1.03		86.5	354	
13 1H,1H,2H,2H-perfluorooctanesulfo										M
427.00 > 407.00	3.439	3.465	-0.026	0.995	455	-0.0151			3.0	M
16 Perfluoroheptanesulfonic acid										RM
449.00 > 80.00	3.482	3.465	0.017	0.918	392	0.000387	Target=4.89	0.7		RM
449.00 > 99.00	3.482	3.465	0.017	0.918	21		18.67(2.44-7.33)	0.4		M
15 Perfluorooctanoic acid										M
413.00 > 369.00	3.465	3.474	-0.009	1.000	30990	0.0182	Target=2.67	3.4		M
413.00 > 169.00	3.465	3.474	-0.009	1.000	11581		2.68(1.34-4.01)	24.8		
D 14 13C4 PFOA										
417.00 > 372.00	3.465	3.474	-0.009	1.000	1895926	1.15		92.3	2072	M
* 62 13C2 PFOA										
415.00 > 370.00	3.465	3.474	-0.009		2155545	1.25			2790	M
17 Perfluorooctanesulfonic acid										RM
499.00 > 80.00	3.792	3.792	0.0	1.000	9220	-0.007168	Target=4.88	4.6		RM
499.00 > 99.00	3.627	3.792	-0.165	0.956	91689		0.10(2.44-7.32)	126		M
D 18 13C4 PFOS										
503.00 > 80.00	3.792	3.792	0.0	1.094	979571	1.04		87.1	2093	
20 Perfluorononanoic acid										RM
463.00 > 419.00	3.812	3.812	0.0	1.000	3968	0.002472	Target=8.23	0.9		RM
463.00 > 169.00	3.822	3.812	0.010	1.003	285		13.92(4.11-12.34)	2.7		M
D 19 13C5 PFNA										
468.00 > 423.00	3.812	3.812	0.0	1.100	1972309	1.16		92.5	4950	
24 Perfluorodecanoic acid										M
513.00 > 469.00	4.115	4.116	-0.001	1.000	2850	0.001719	Target=9.67	1.5		M
513.00 > 169.00	4.115	4.116	-0.001	1.000	333		8.56(4.83-14.50)	1.9		M
D 23 13C2 PFDA										
515.00 > 470.00	4.115	4.116	-0.001	1.188	1970203	1.19		95.0	3736	
25 1H,1H,2H,2H-perfluorodecanesulfo										M
527.00 > 507.00	4.138	4.127	0.011	1.003	50	0.000217		1.9		M
D 26 M2-8:2 FTS										
529.00 > 81.00	4.127	4.127	0.0	1.191	285822	1.13		94.1	707	
D 21 13C8 FOSA										
506.00 > 78.00	4.161	4.161	0.0	1.201	1430729	0.9850		78.8	1859	M
22 Perfluorooctanesulfonamide										M
498.00 > 78.00	4.161	4.161	0.0	1.000	728	0.000624		5.8		M
28 N-methylperfluorooctanesulfonami										M
570.00 > 419.00	4.249	4.261	-0.012	0.997	49	0.000321		0.2		M
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.261	4.261	0.0	1.230	214619	0.9648		77.2	678	M
29 Perfluorodecanesulfonic acid										RM
599.00 > 80.00	4.365	4.365	0.0	1.151	112	0.000234	Target=2.80	0.7		RM
599.00 > 99.00	4.297	4.365	-0.068	1.133	507		0.22(1.40-4.20)	0.4		M
D 30 13C2 PFUnA										
565.00 > 520.00	4.387	4.387	0.0	1.266	1451424	1.15		92.3	1644	M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
31 Perfluoroundecanoic acid										M
563.00 > 519.00	4.376	4.387	-0.011	0.997	1326	0.001078	Target=9.07		0.9	M
563.00 > 169.00	4.387	4.387	0.0	1.000	159		8.34(4.54-13.61)		2.3	M
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.398	4.399	-0.001	1.269	212299	1.01		80.7	1296	
D 36 13C2 PFDaA										M
615.00 > 570.00	4.633	4.633	0.0	1.337	1508779	1.16		92.6	1644	M
37 Perfluorododecanoic acid										M
613.00 > 569.00	4.633	4.633	0.0	1.000	2251	0.001839	Target=6.97		0.4	M
613.00 > 169.00	4.622	4.633	-0.011	0.998	311		7.24(3.48-10.45)		3.9	M
D 43 13C2 PFTeDA										M
715.00 > 670.00	5.062	5.052	0.010	1.461	1439776	1.35		108	2286	M
42 Perfluorotetradecanoic acid										RM
713.00 > 169.00	5.071	5.052	0.019	1.002	159	0.000862	Target=0.94		2.6	RM
713.00 > 219.00	5.071	5.052	0.019	1.002	433		0.37(0.47-1.41)		9.6	M

QC Flag Legend

Processing Flags

R - Failed Signal Ratio Test

Review Flags

M - Manually Integrated

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d

Injection Date: 04-Aug-2022 23:26:08

Instrument ID: LC812

Lims ID: 460-262853-A-2-A

Lab Sample ID: 200-262853-2

Client ID: BCS-21-06 P (4-4.5)

Operator ID: lc812tech

ALS Bottle#: 22

Worklist Smp#: 22

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

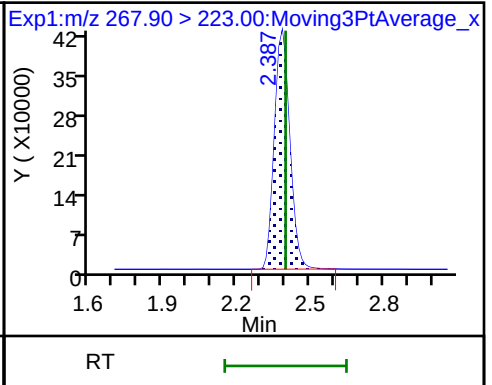
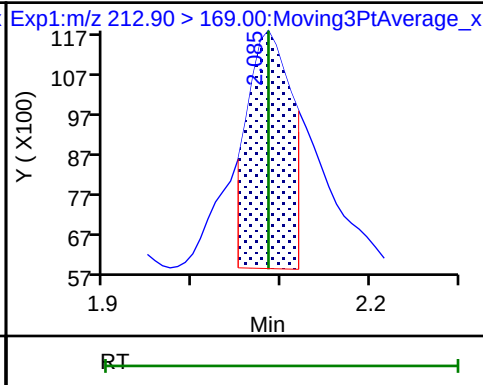
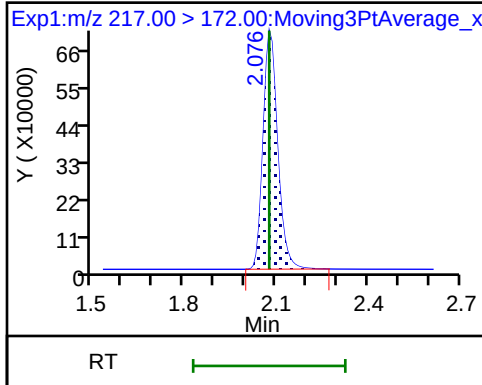
Method: PFC_LC812

Limit Group: LC_PFC_ICAL

D 1 13C4 PFBA (M)

2 Perfluorobutanoic acid (M)

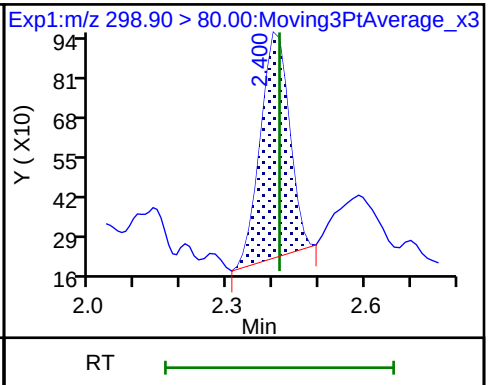
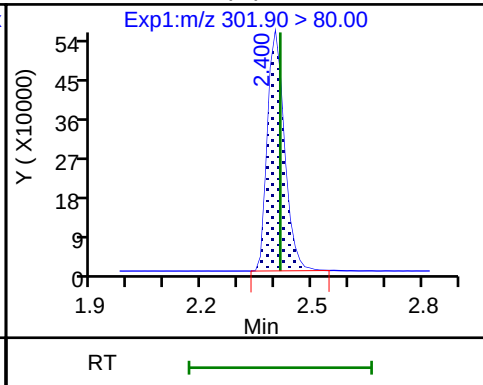
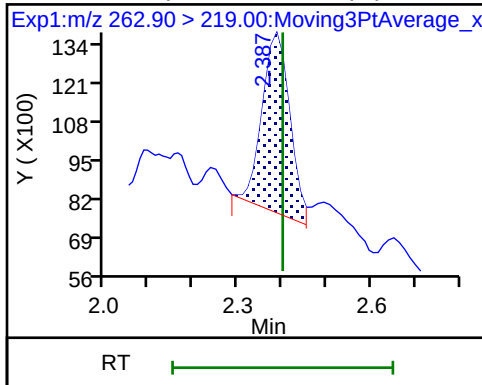
D 3 13C5 PFPeA



4 Perfluoropentanoic acid (M)

D 47 13C3 PFBS (M)

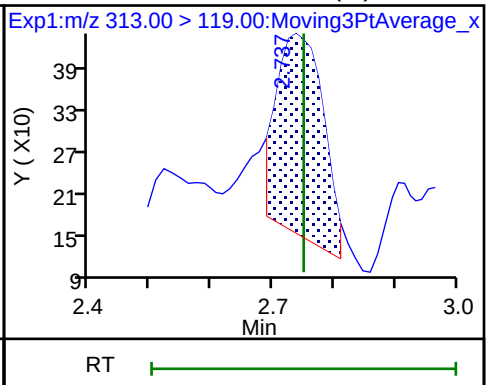
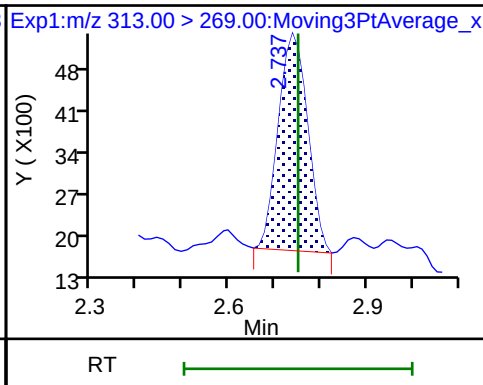
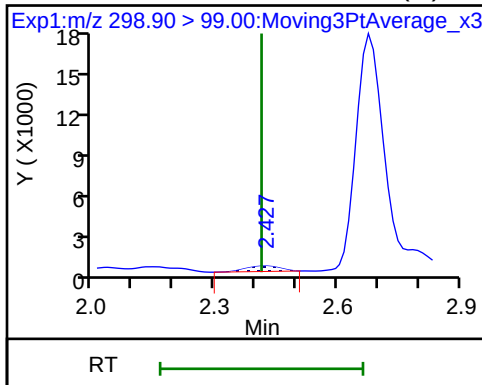
5 Perfluorobutanesulfonic acid



5 Perfluorobutanesulfonic acid (M)

6 Perfluorohexanoic acid

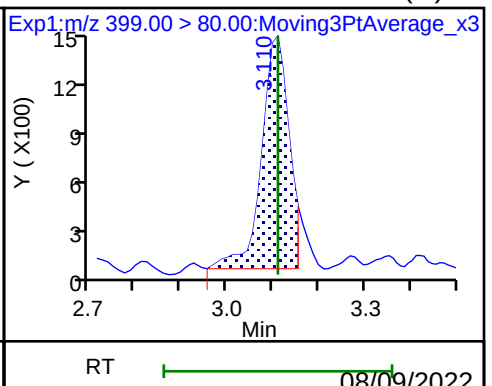
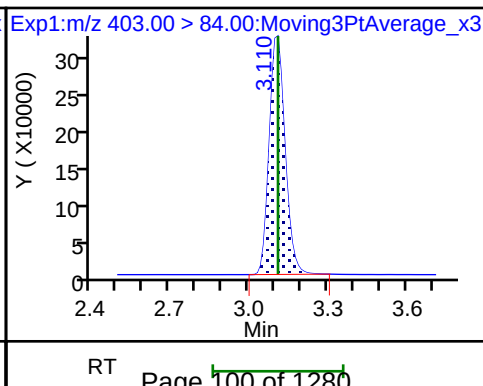
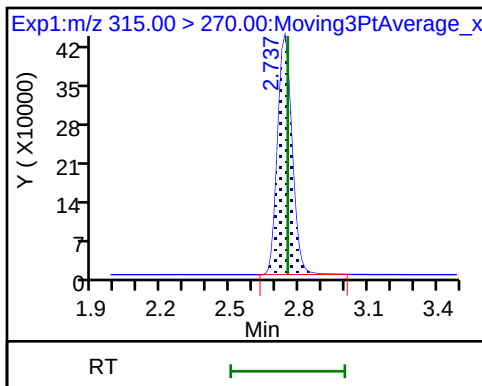
6 Perfluorohexanoic acid (M)

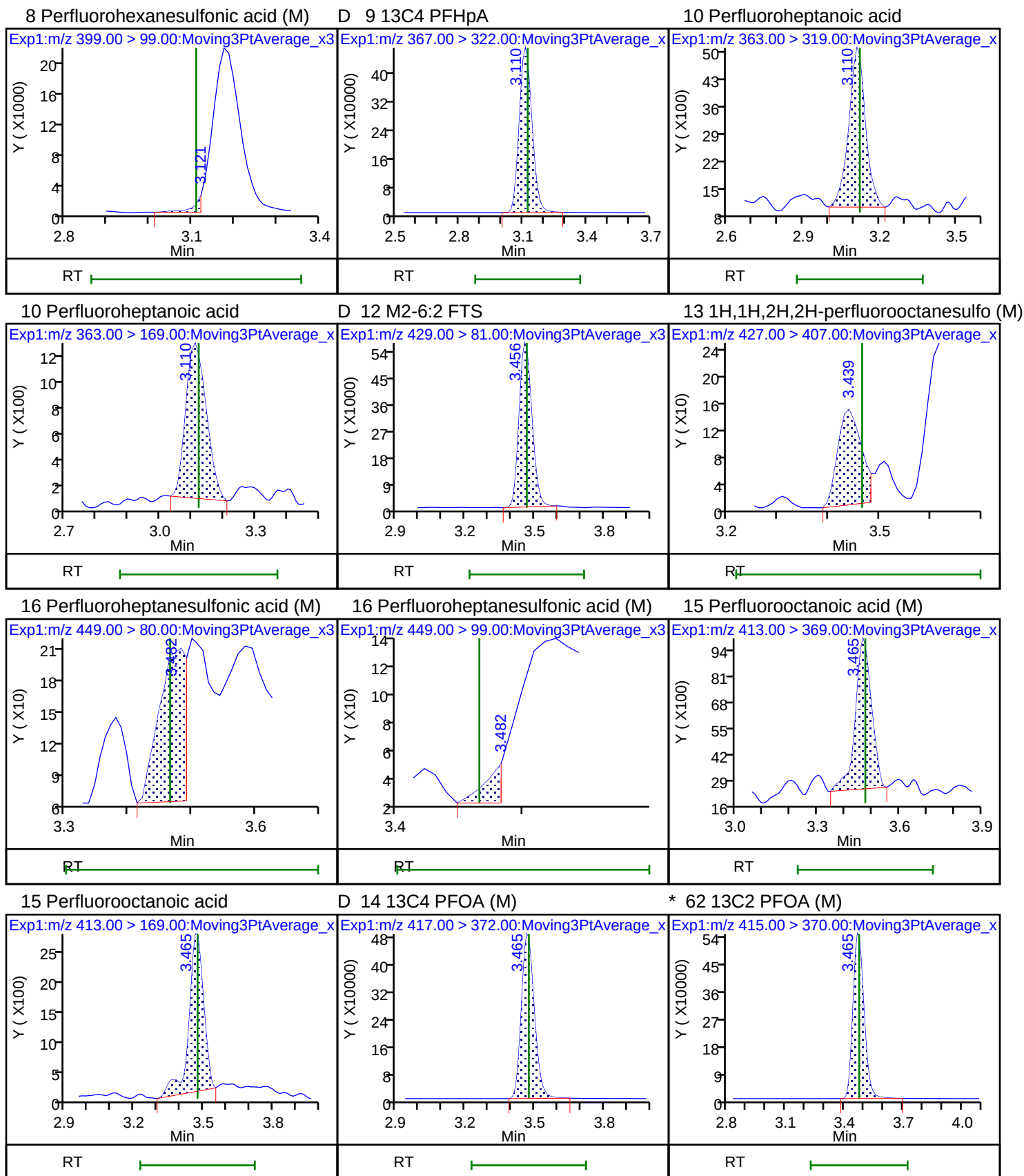


D 7 13C2 PFHxA

D 11 18O2 PFHxS

8 Perfluorohexanesulfonic acid (M)

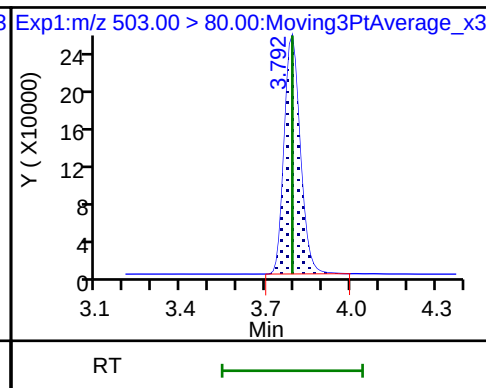
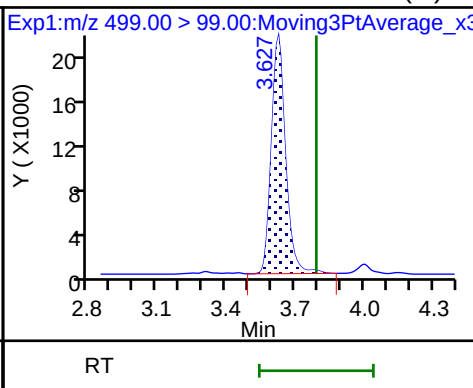
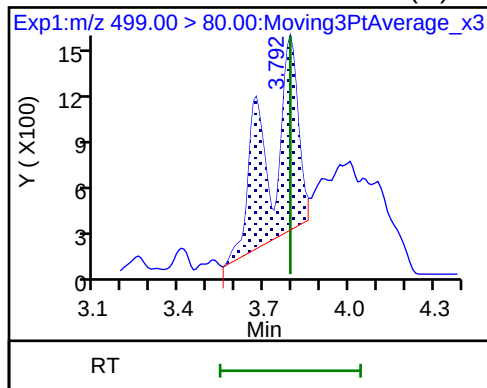




17 Perfluorooctanesulfonic acid (M)

17 Perfluorooctanesulfonic acid (M)

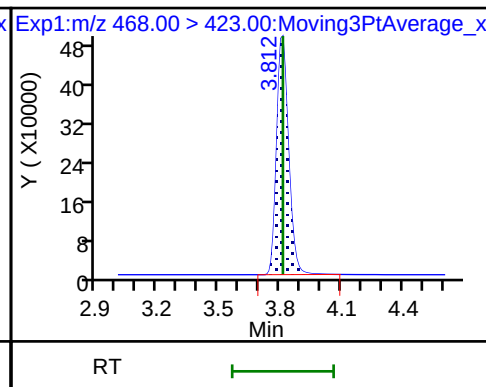
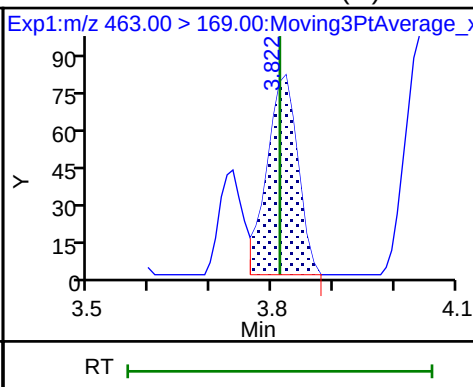
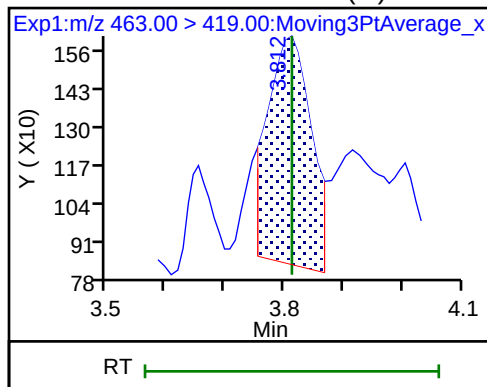
D 18 13C4 PFOS



20 Perfluorononanoic acid (M)

20 Perfluorononanoic acid (M)

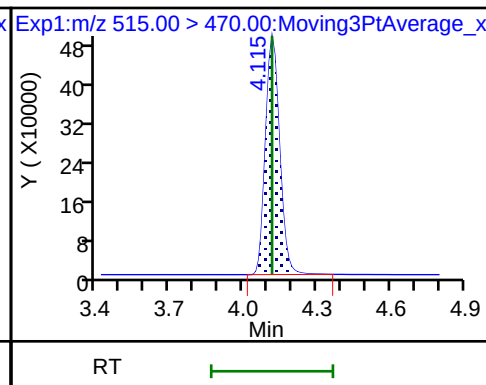
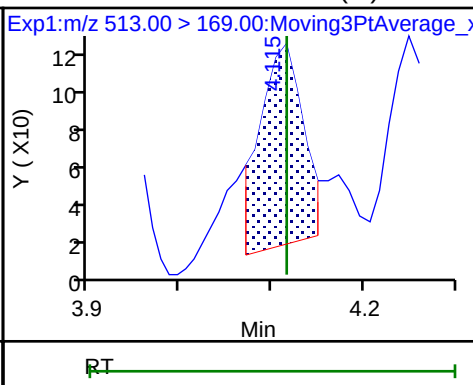
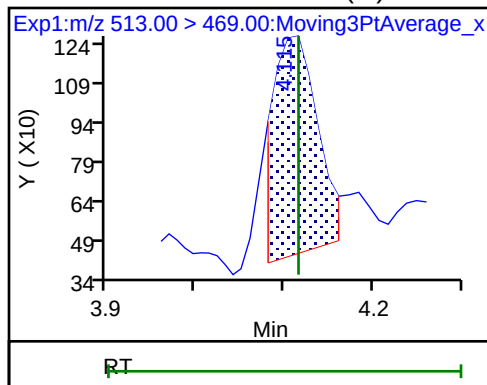
D 19 13C5 PFNA



24 Perfluorodecanoic acid (M)

24 Perfluorodecanoic acid (M)

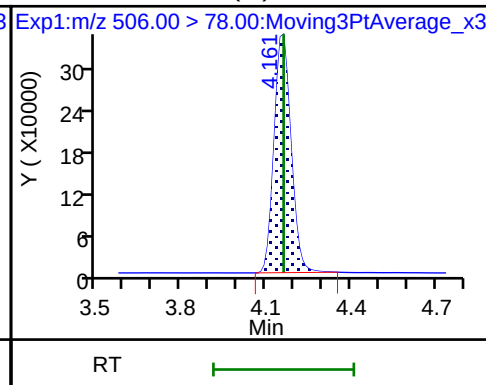
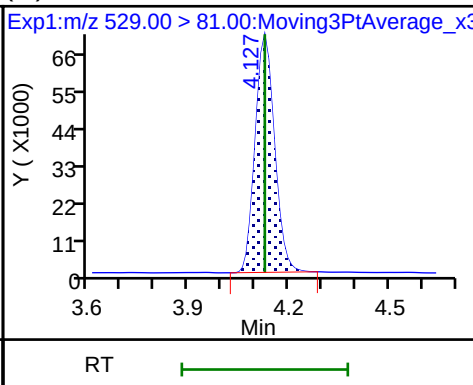
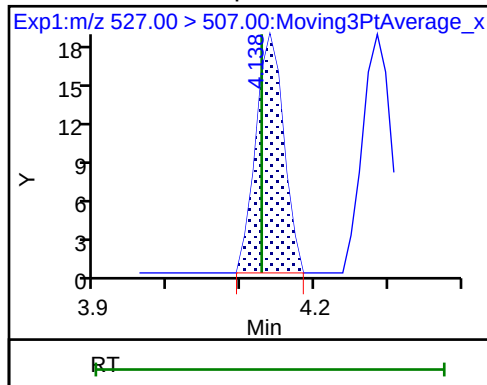
D 23 13C2 PFDA

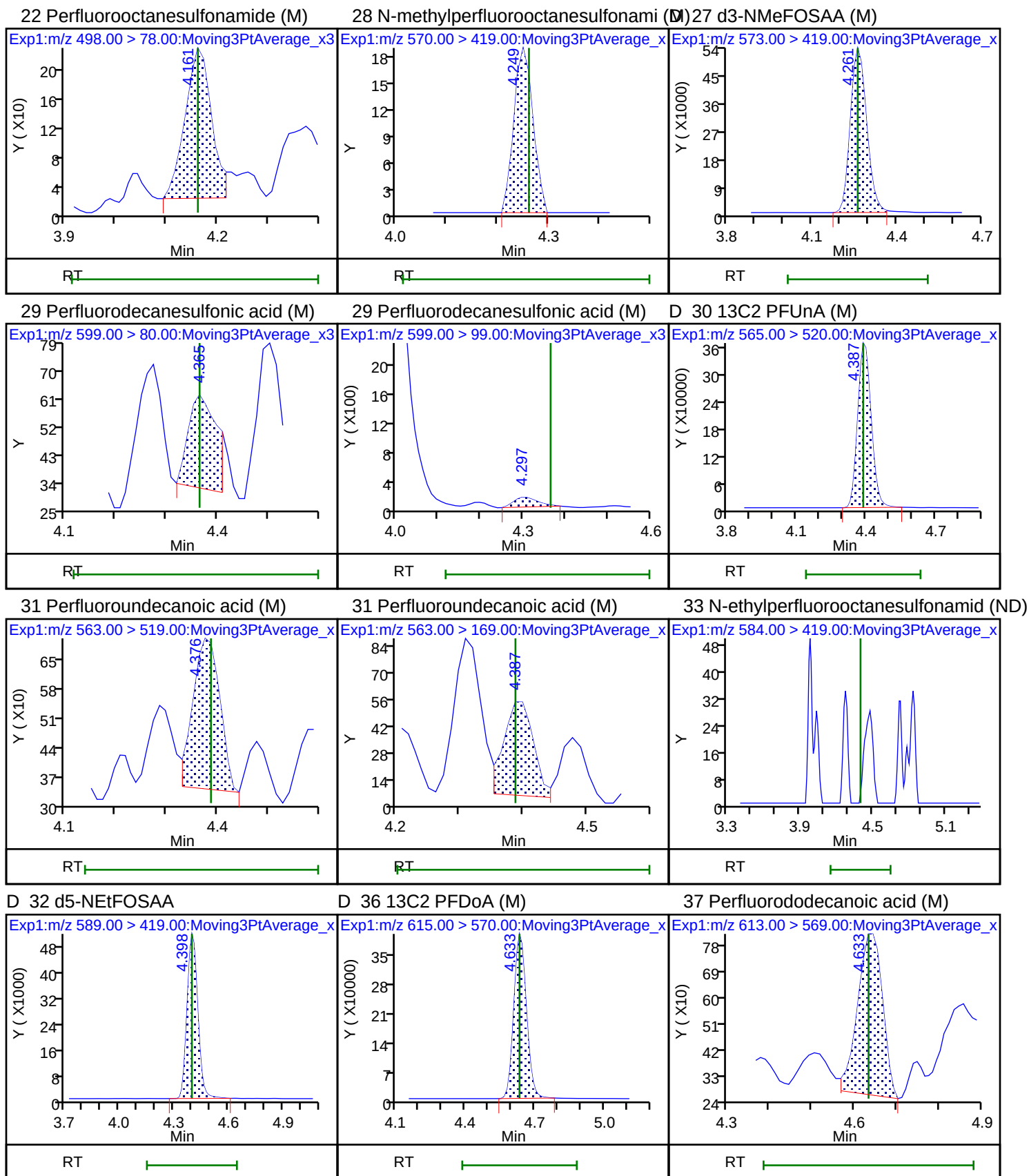


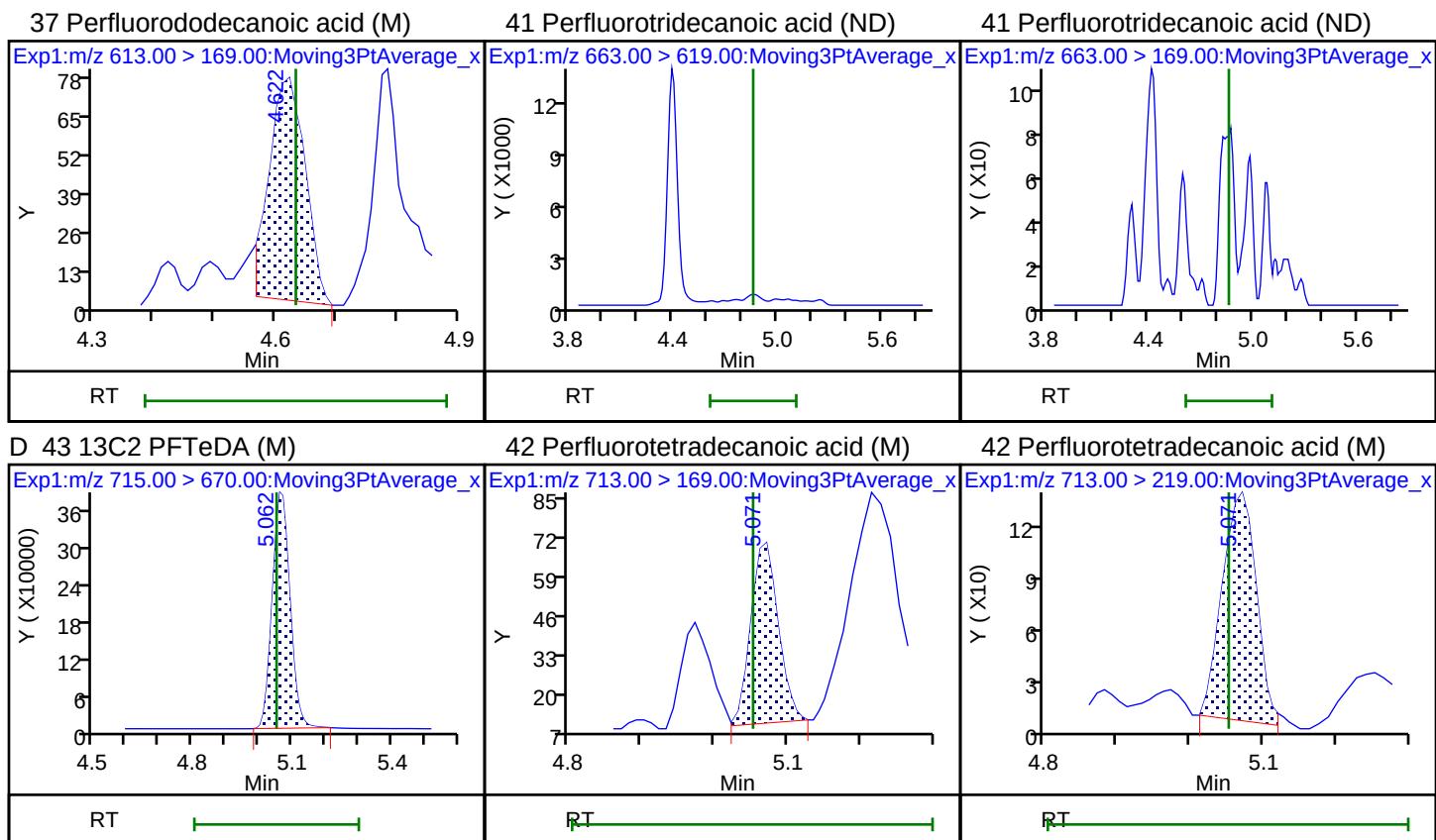
25 1H,1H,2H,2H-perfluorodecanesulfonate (M)

M26 M2-8:2 FTS

D 21 13C8 FOSA (M)







Eurofins Burlington

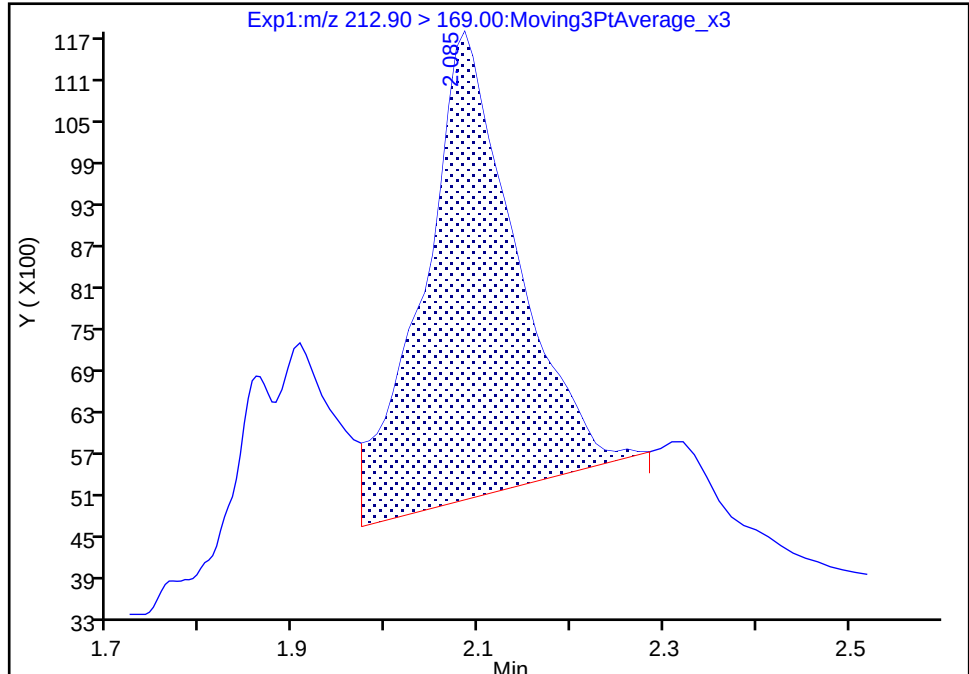
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d
Injection Date: 04-Aug-2022 23:26:08 Instrument ID: LC812
Lims ID: 460-262853-A-2-A Lab Sample ID: 200-262853-2
Client ID: BCS-21-06 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

2 Perfluorobutanoic acid, CAS: 375-22-4

Signal: 1

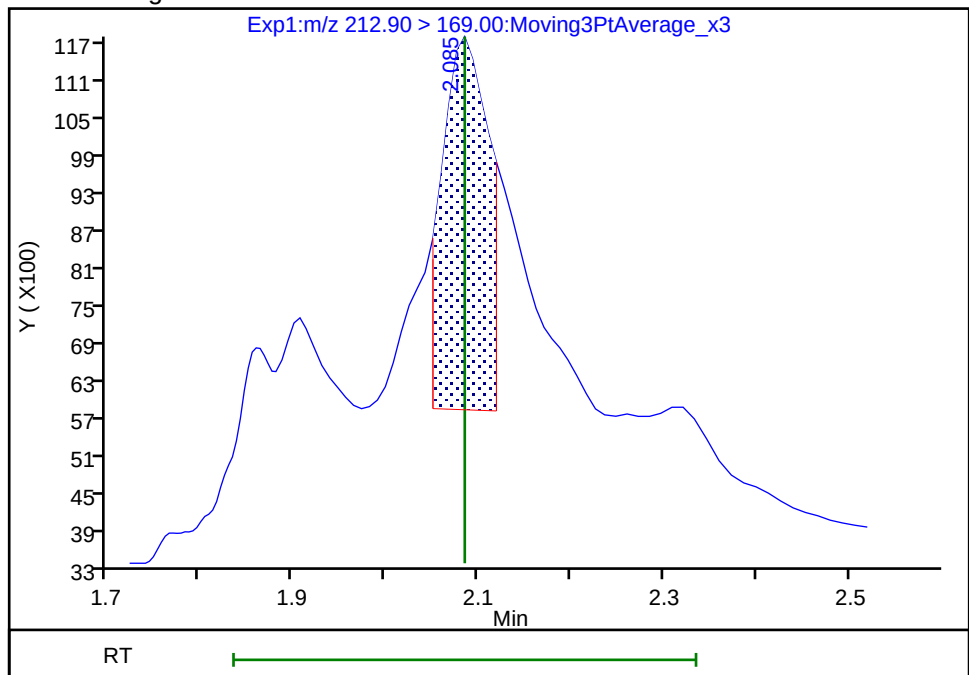
RT: 2.08
Area: 46586
Amount: 0.025691
Amount Units: ng/ml

Processing Integration Results



RT: 2.08
Area: 19725
Amount: 0.010924
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:04:24
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

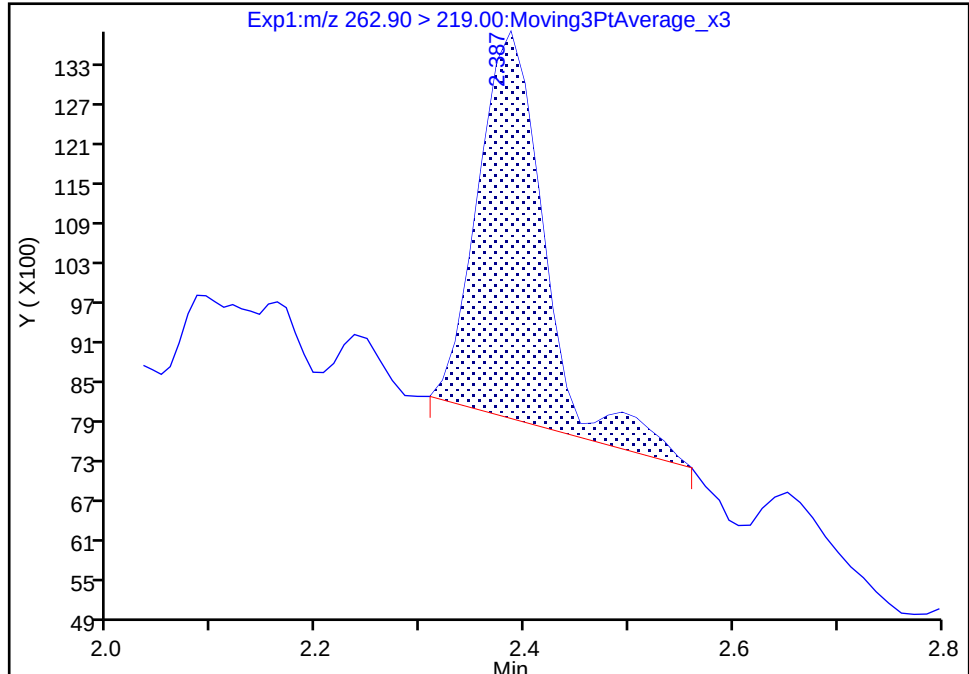
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d
Injection Date: 04-Aug-2022 23:26:08 Instrument ID: LC812
Lims ID: 460-262853-A-2-A Lab Sample ID: 200-262853-2
Client ID: BCS-21-06 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

4 Perfluoropentanoic acid, CAS: 2706-90-3

Signal: 1

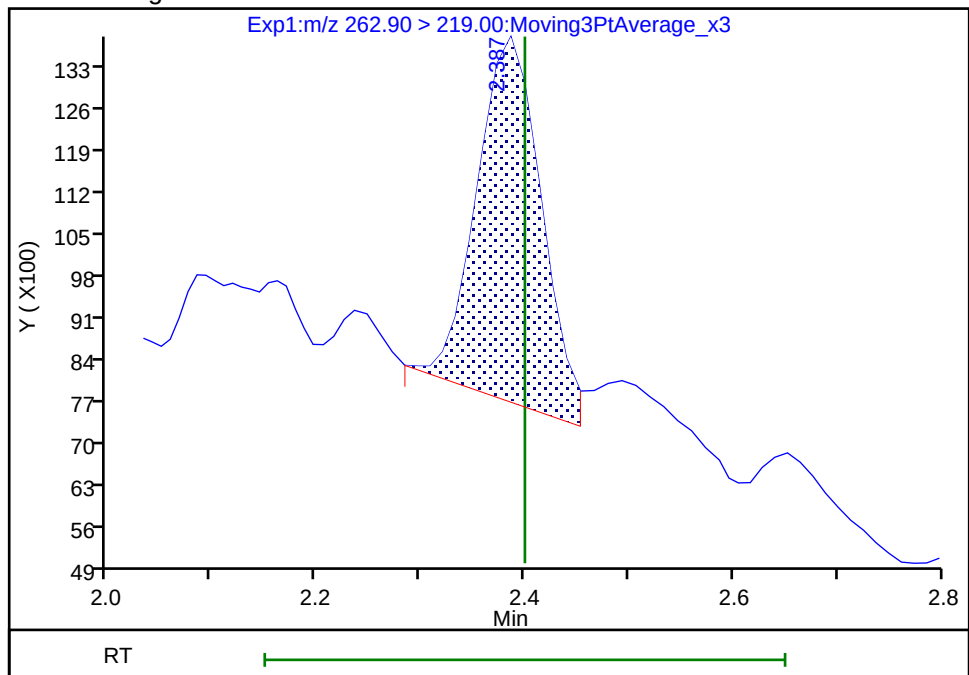
RT: 2.39
Area: 25967
Amount: 0.016940
Amount Units: ng/ml

Processing Integration Results



RT: 2.39
Area: 26135
Amount: 0.017049
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:04:33
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

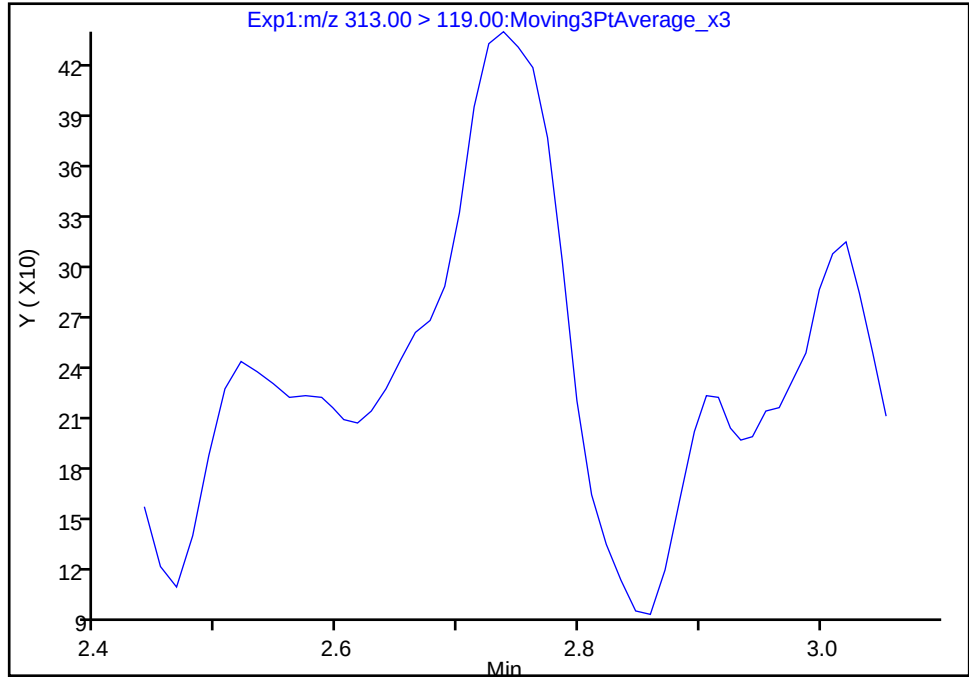
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d
Injection Date: 04-Aug-2022 23:26:08 Instrument ID: LC812
Lims ID: 460-262853-A-2-A Lab Sample ID: 200-262853-2
Client ID: BCS-21-06 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

6 Perfluorohexanoic acid, CAS: 307-24-4

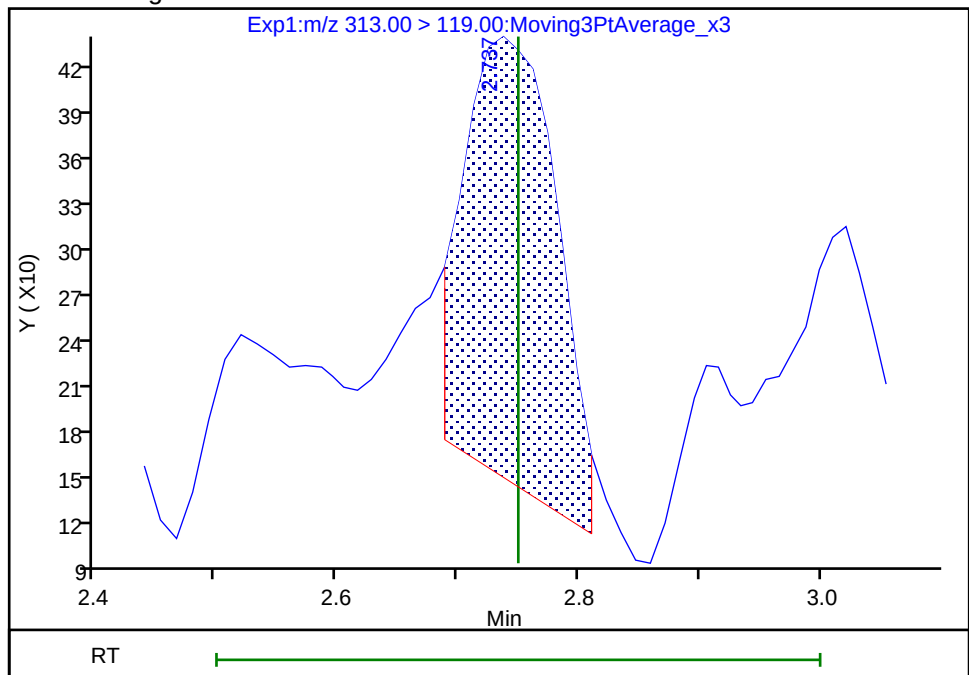
Signal: 2

Not Detected
Expected RT: 2.75

Processing Integration Results



Manual Integration Results



RT: 2.74
Area: 1536
Amount: 0.010314
Amount Units: ng/ml

Reviewer: nampitakw, 05-Aug-2022 14:04:54
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

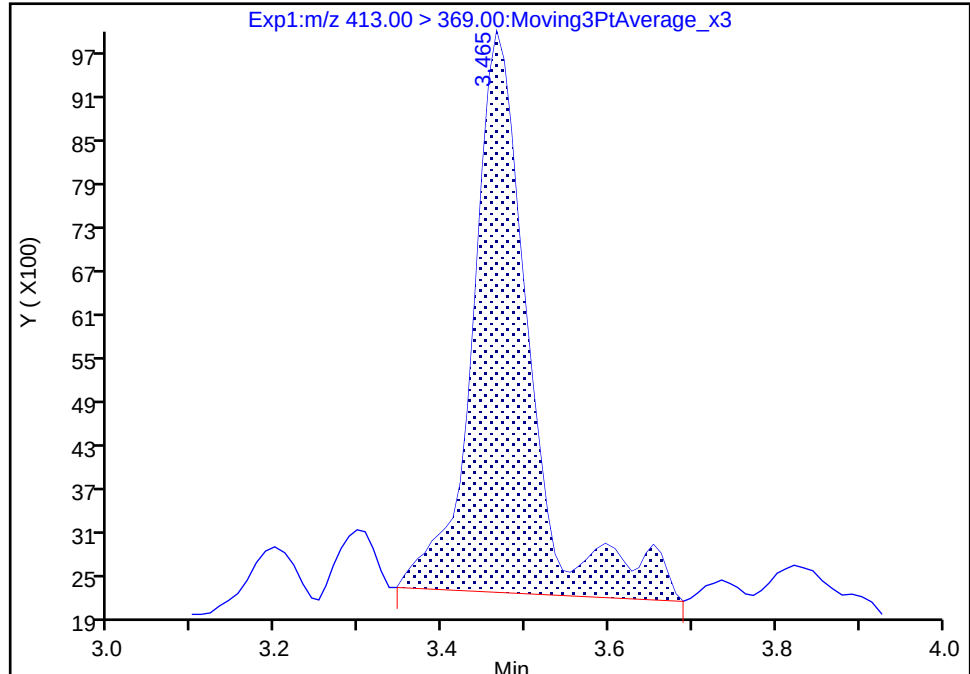
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d		
Injection Date:	04-Aug-2022 23:26:08	Instrument ID:	LC812
Lims ID:	460-262853-A-2-A	Lab Sample ID:	200-262853-2
Client ID:	BCS-21-06 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	22
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	22

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 1

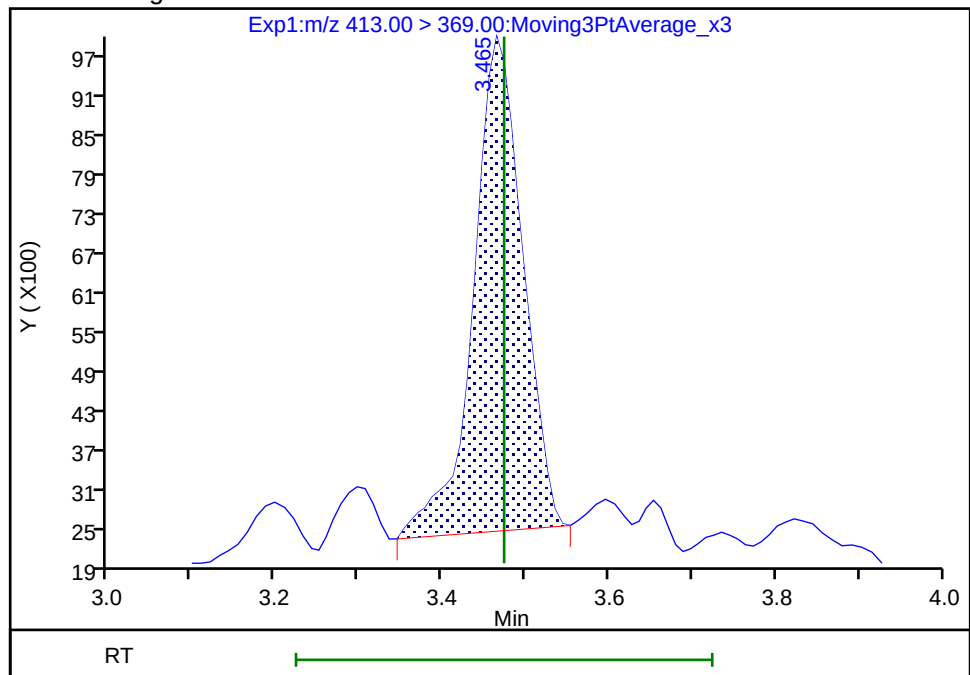
RT: 3.46
Area: 37128
Amount: 0.021709
Amount Units: ng/ml

Processing Integration Results



RT: 3.46
Area: 30990
Amount: 0.018220
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:06:19
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

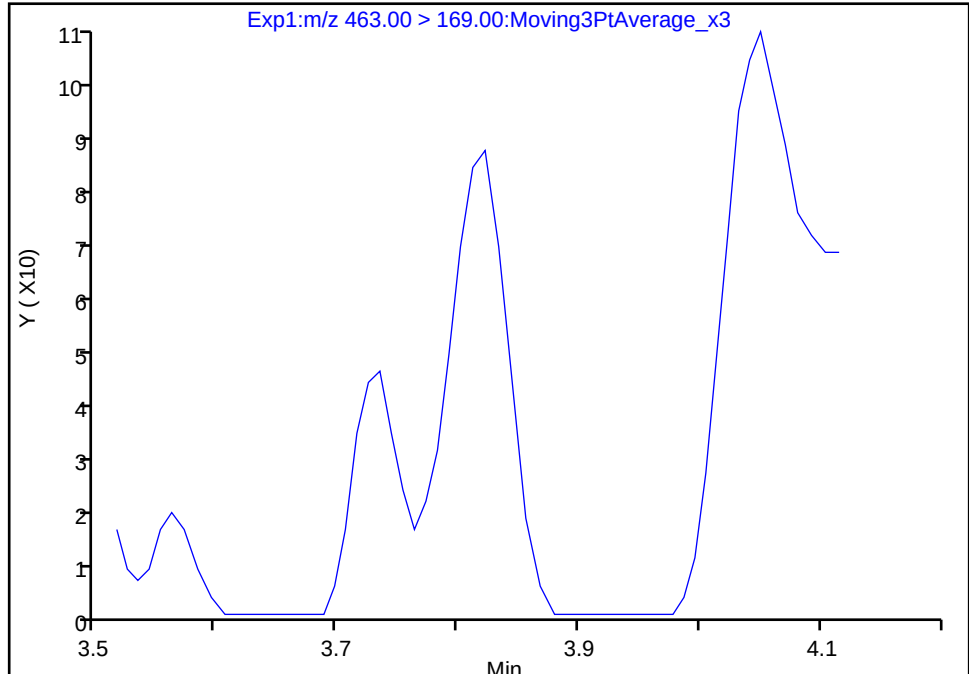
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d
Injection Date: 04-Aug-2022 23:26:08 Instrument ID: LC812
Lims ID: 460-262853-A-2-A Lab Sample ID: 200-262853-2
Client ID: BCS-21-06 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

20 Perfluorononanoic acid, CAS: 375-95-1

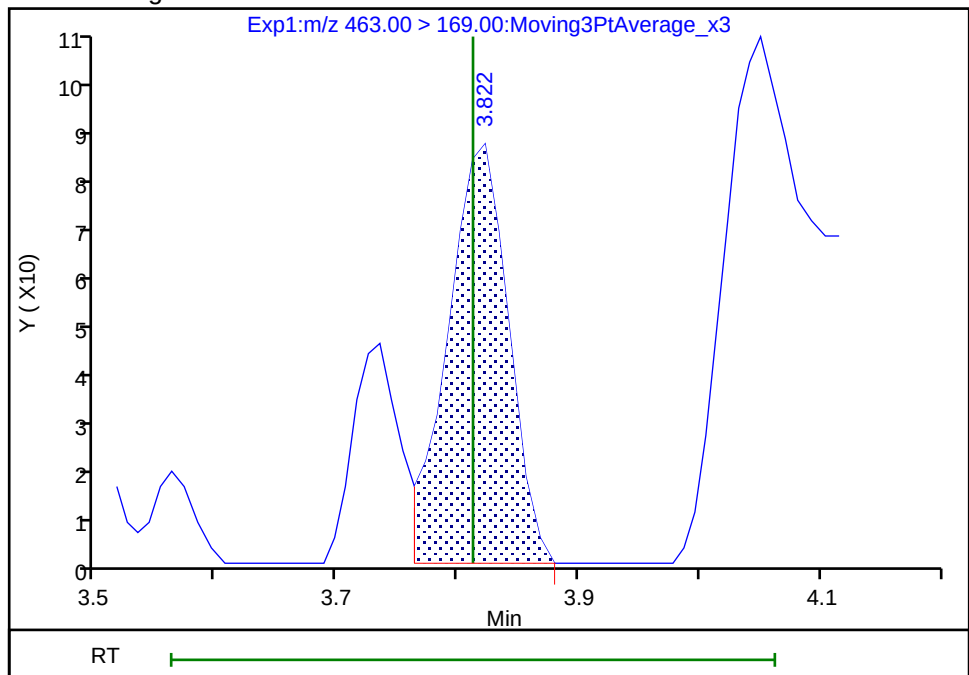
Signal: 2

Not Detected
Expected RT: 3.81

Processing Integration Results



Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:07:15

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

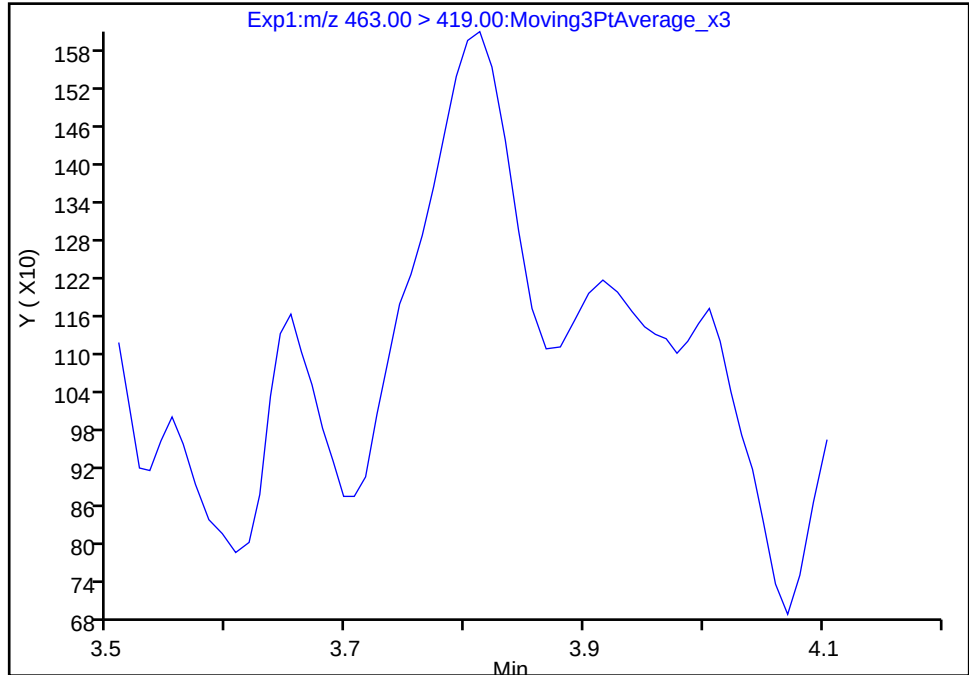
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d
Injection Date: 04-Aug-2022 23:26:08 Instrument ID: LC812
Lims ID: 460-262853-A-2-A Lab Sample ID: 200-262853-2
Client ID: BCS-21-06 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

20 Perfluorononanoic acid, CAS: 375-95-1

Signal: 1

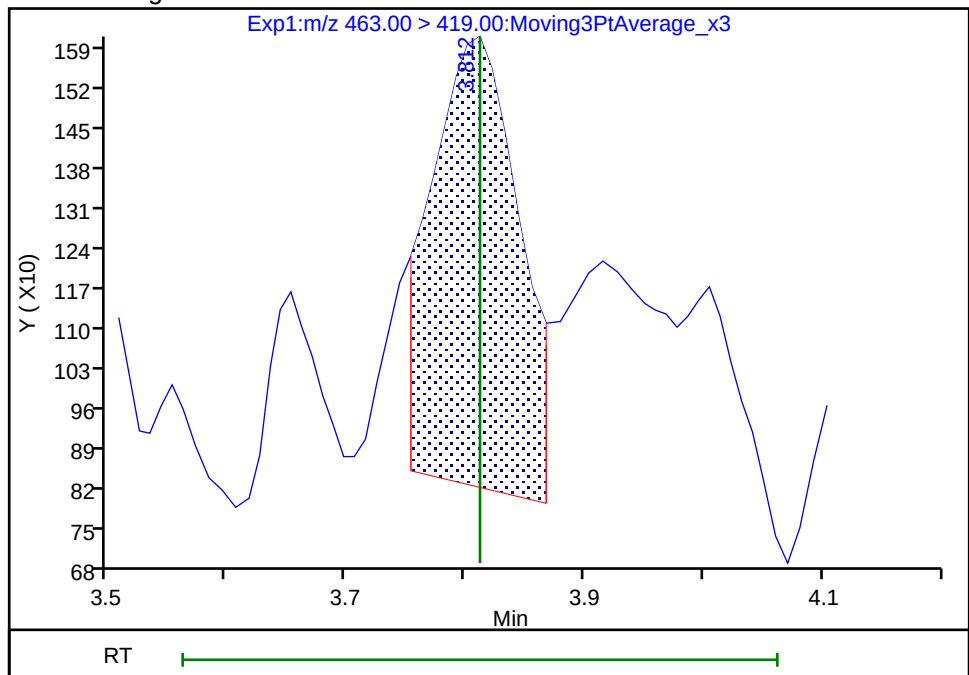
Not Detected
Expected RT: 3.81

Processing Integration Results



Manual Integration Results

RT: 3.81
Area: 3968
Amount: 0.002472
Amount Units: ng/ml



Reviewer: nampitakw, 05-Aug-2022 14:07:21

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

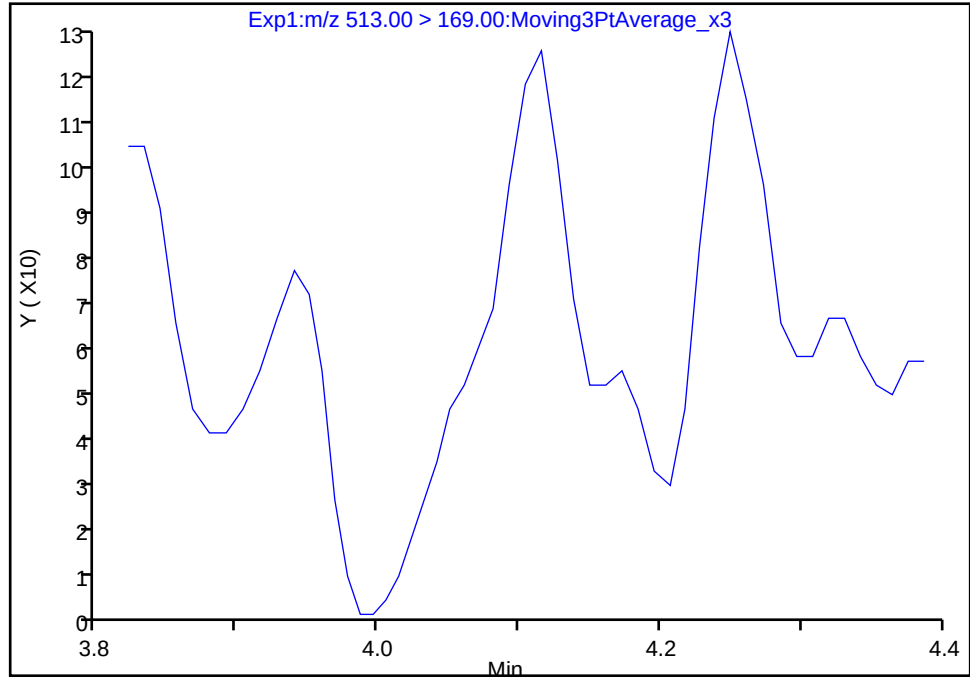
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d		
Injection Date:	04-Aug-2022 23:26:08	Instrument ID:	LC812
Lims ID:	460-262853-A-2-A	Lab Sample ID:	200-262853-2
Client ID:	BCS-21-06 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	22
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	22

24 Perfluorodecanoic acid, CAS: 335-76-2

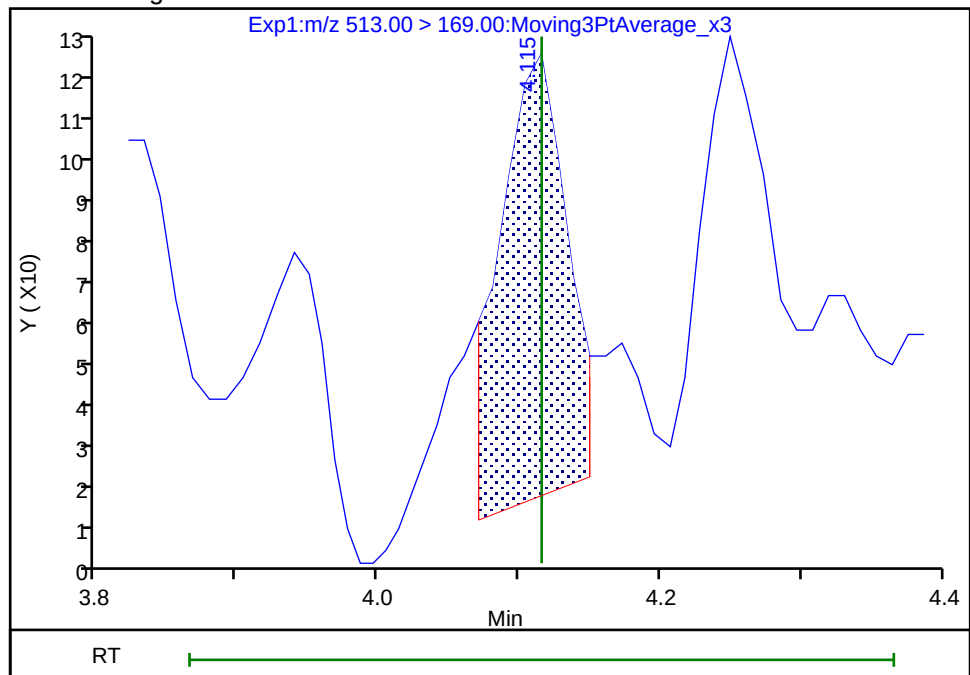
Signal: 2

Not Detected
Expected RT: 4.12

Processing Integration Results



Manual Integration Results



RT: 4.12
Area: 333
Amount: 0.001719
Amount Units: ng/ml

Reviewer: nampitakw, 05-Aug-2022 14:07:37

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

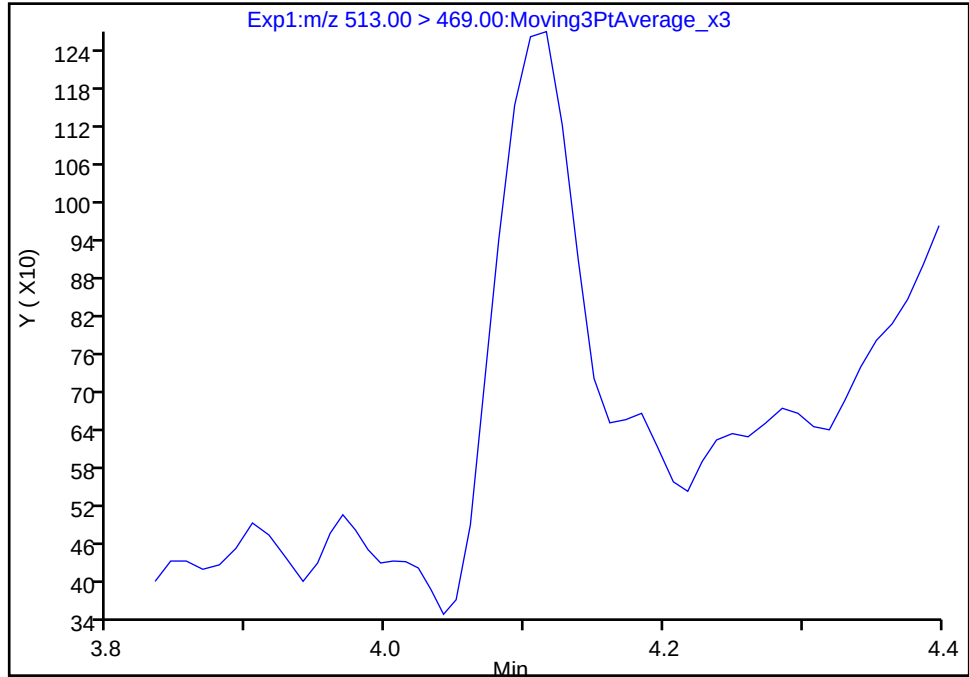
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d
Injection Date: 04-Aug-2022 23:26:08 Instrument ID: LC812
Lims ID: 460-262853-A-2-A Lab Sample ID: 200-262853-2
Client ID: BCS-21-06 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

24 Perfluorodecanoic acid, CAS: 335-76-2

Signal: 1

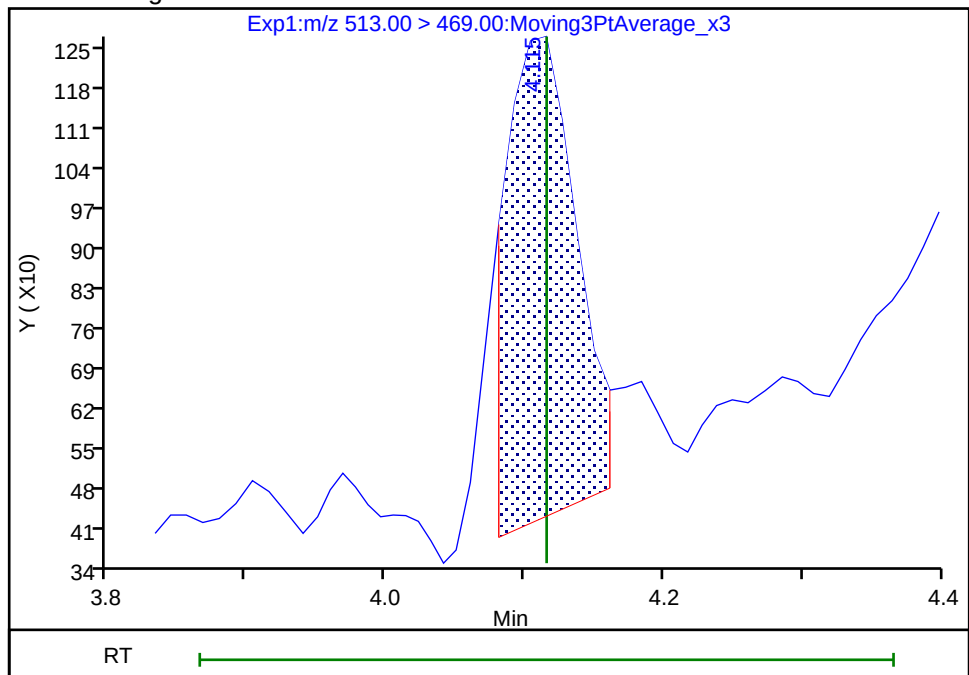
Not Detected
Expected RT: 4.12

Processing Integration Results



Manual Integration Results

RT: 4.12
Area: 2850
Amount: 0.001719
Amount Units: ng/ml



Reviewer: nampitakw, 05-Aug-2022 14:07:40

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

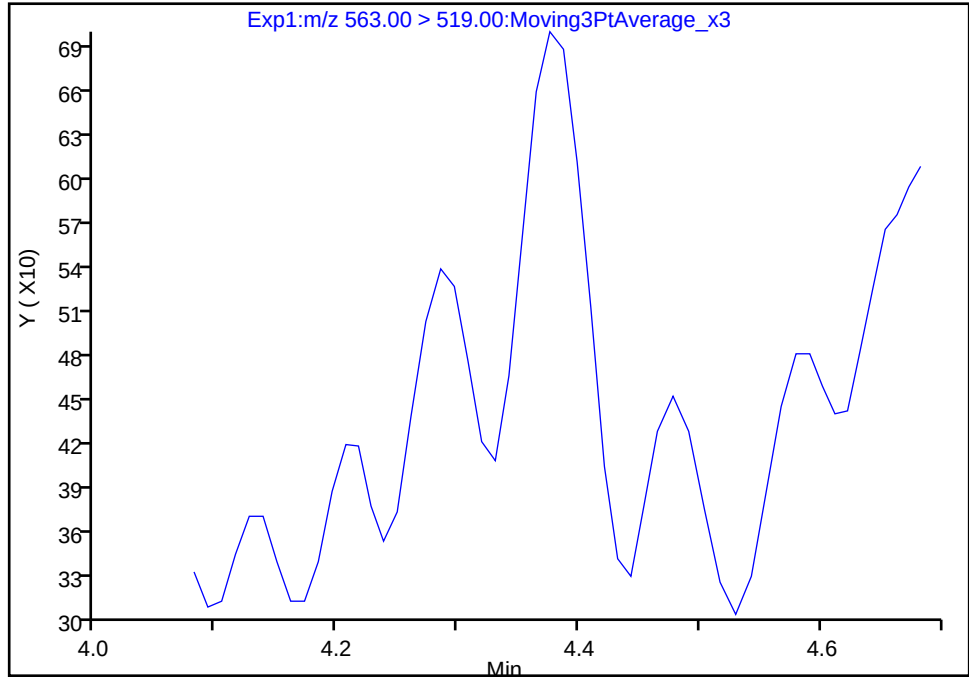
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d		
Injection Date:	04-Aug-2022 23:26:08	Instrument ID:	LC812
Lims ID:	460-262853-A-2-A	Lab Sample ID:	200-262853-2
Client ID:	BCS-21-06 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	22
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	22

31 Perfluoroundecanoic acid, CAS: 2058-94-8

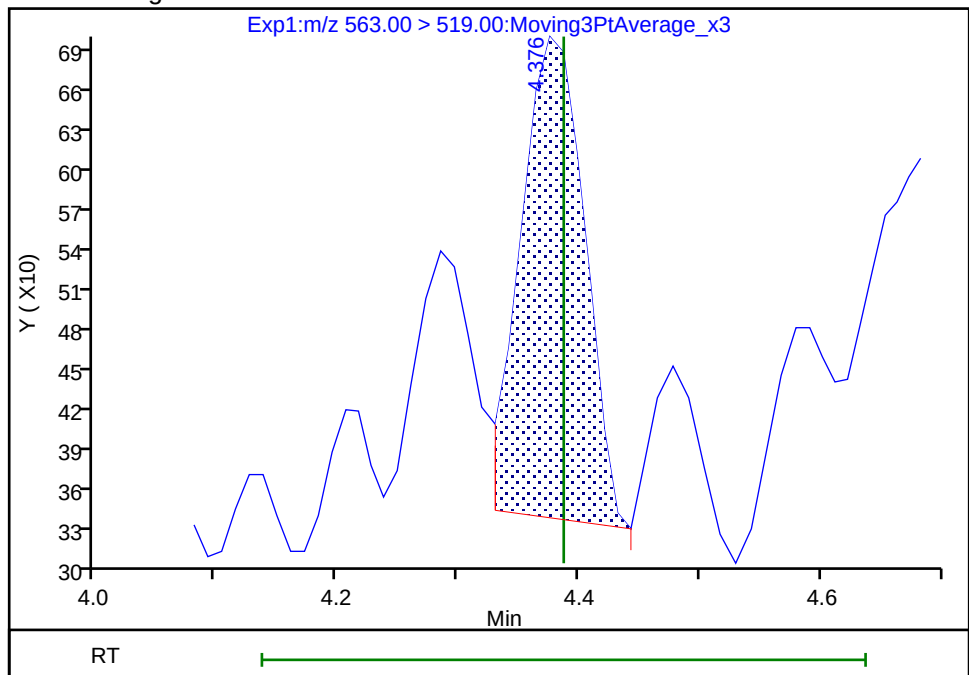
Signal: 1

Not Detected
Expected RT: 4.39

Processing Integration Results



Manual Integration Results



RT: 4.38
Area: 1326
Amount: 0.001078
Amount Units: ng/ml

Reviewer: nampitakw, 05-Aug-2022 14:08:26
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

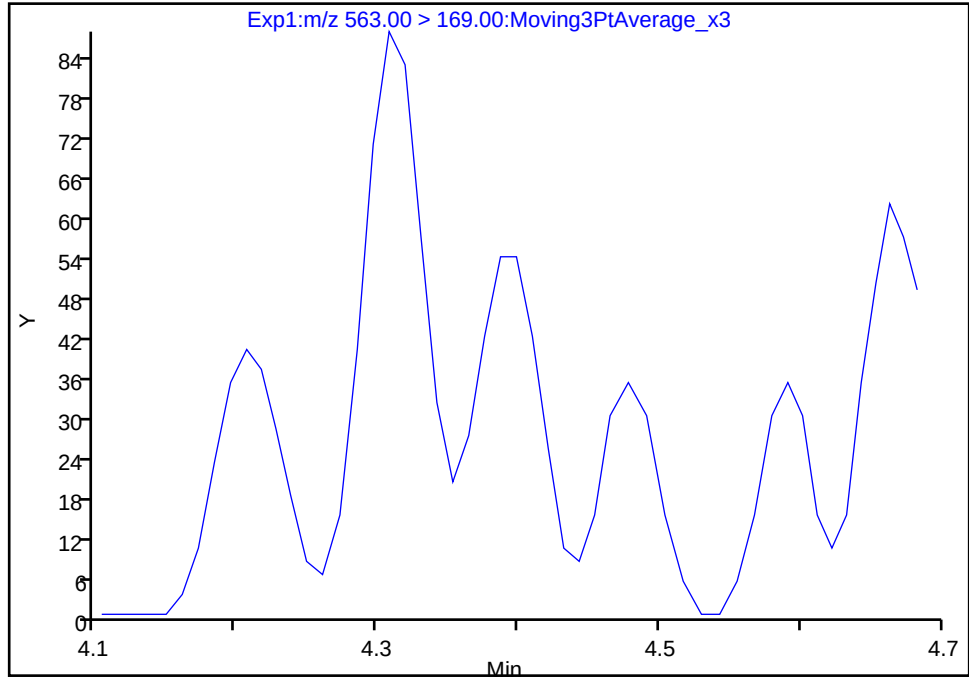
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d		
Injection Date:	04-Aug-2022 23:26:08	Instrument ID:	LC812
Lims ID:	460-262853-A-2-A	Lab Sample ID:	200-262853-2
Client ID:	BCS-21-06 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	22
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	22

31 Perfluoroundecanoic acid, CAS: 2058-94-8

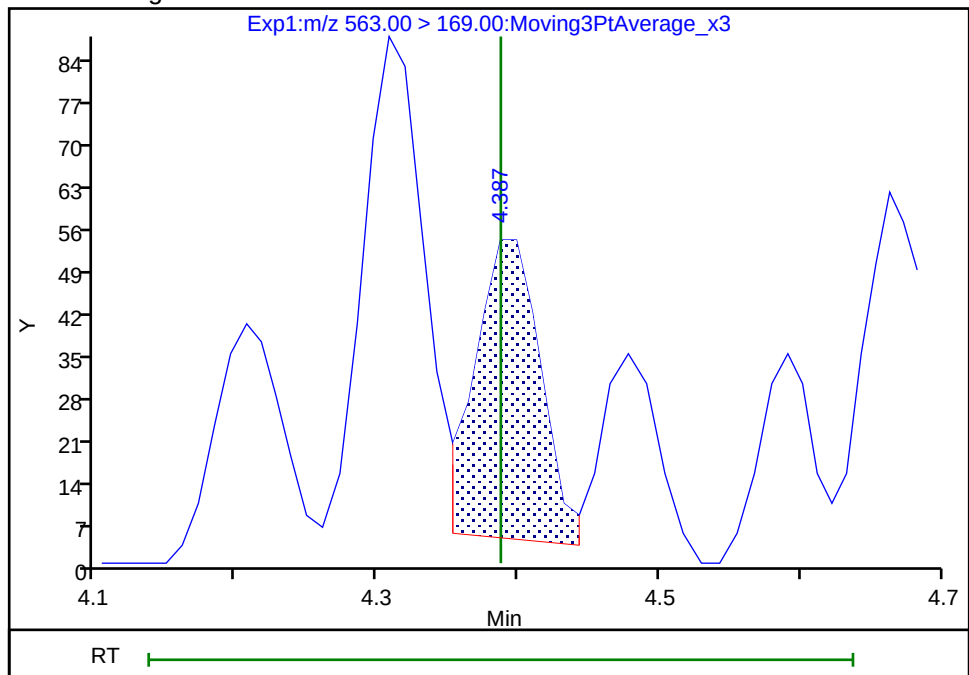
Signal: 2

Not Detected
Expected RT: 4.39

Processing Integration Results



Manual Integration Results

RT: 4.39
Area: 159
Amount: 0.001078
Amount Units: ng/ml

Reviewer: nampitakw, 05-Aug-2022 14:08:28

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

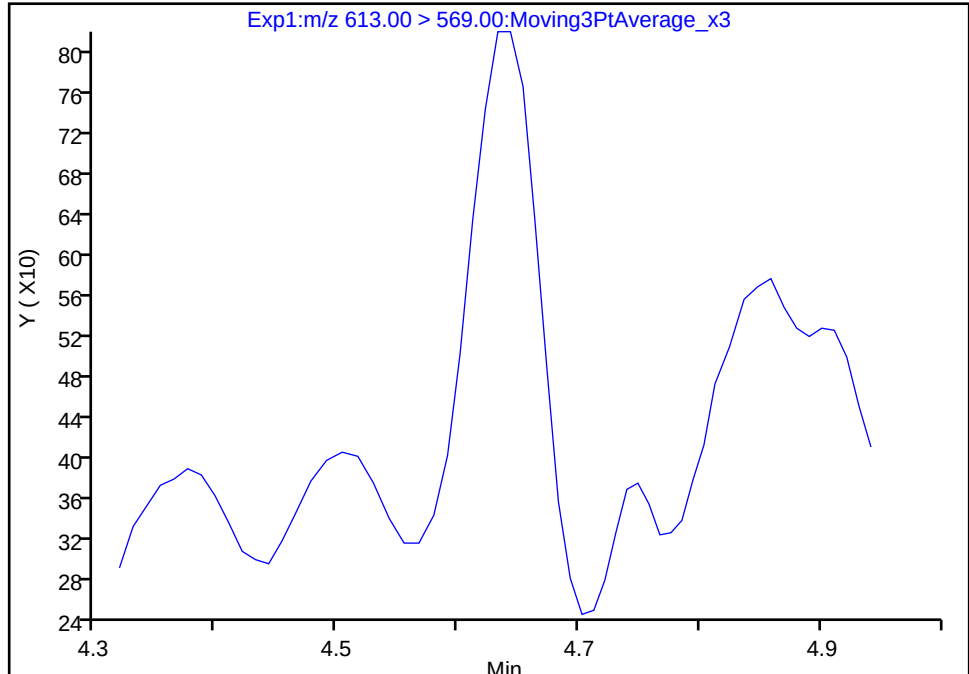
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d
Injection Date: 04-Aug-2022 23:26:08 Instrument ID: LC812
Lims ID: 460-262853-A-2-A Lab Sample ID: 200-262853-2
Client ID: BCS-21-06 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

37 Perfluorododecanoic acid, CAS: 307-55-1

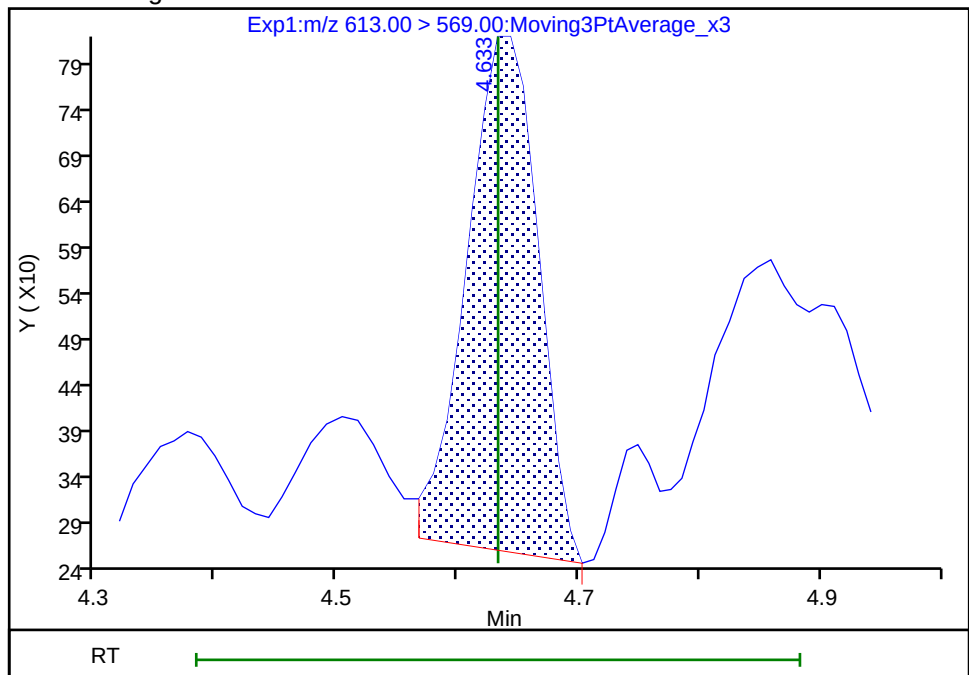
Signal: 1

Not Detected
Expected RT: 4.63

Processing Integration Results



Manual Integration Results



RT: 4.63
Area: 2251
Amount: 0.001839
Amount Units: ng/ml

Reviewer: nampitakw, 05-Aug-2022 14:08:50
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

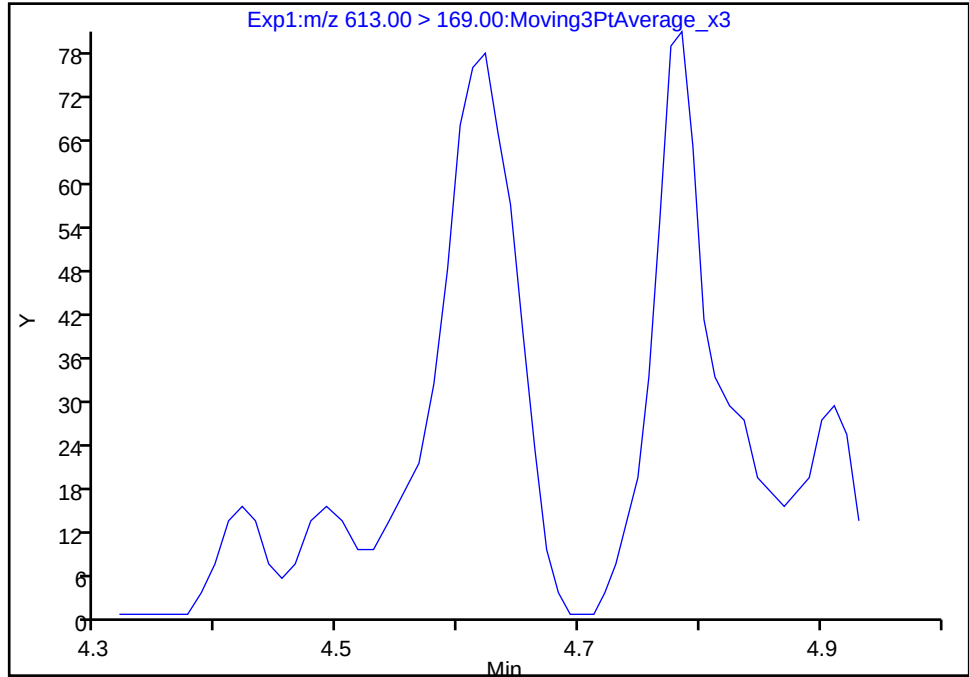
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d
Injection Date: 04-Aug-2022 23:26:08 Instrument ID: LC812
Lims ID: 460-262853-A-2-A Lab Sample ID: 200-262853-2
Client ID: BCS-21-06 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

37 Perfluorododecanoic acid, CAS: 307-55-1

Signal: 2

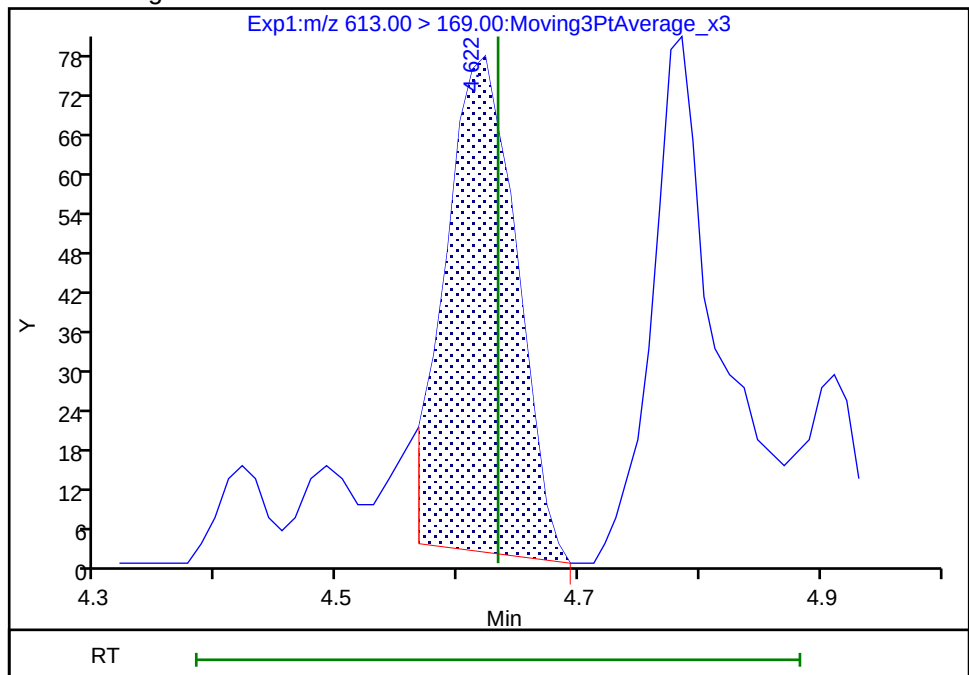
Not Detected
Expected RT: 4.63

Processing Integration Results



Manual Integration Results

RT: 4.62
Area: 311
Amount: 0.001839
Amount Units: ng/ml



Reviewer: nampitakw, 05-Aug-2022 14:08:53

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

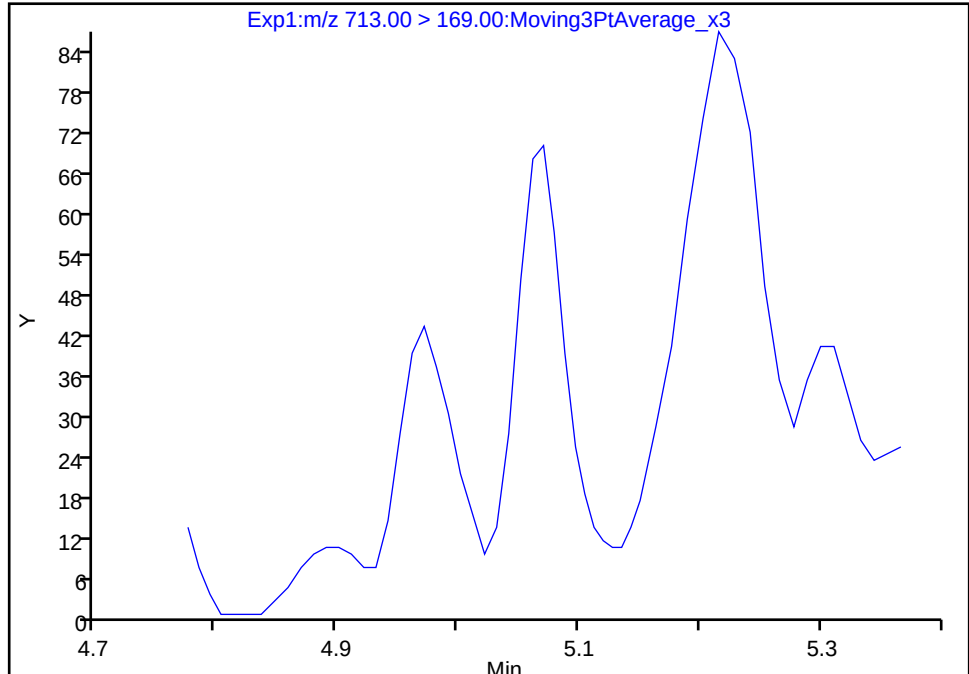
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d
Injection Date: 04-Aug-2022 23:26:08 Instrument ID: LC812
Lims ID: 460-262853-A-2-A Lab Sample ID: 200-262853-2
Client ID: BCS-21-06 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

42 Perfluorotetradecanoic acid, CAS: 376-06-7

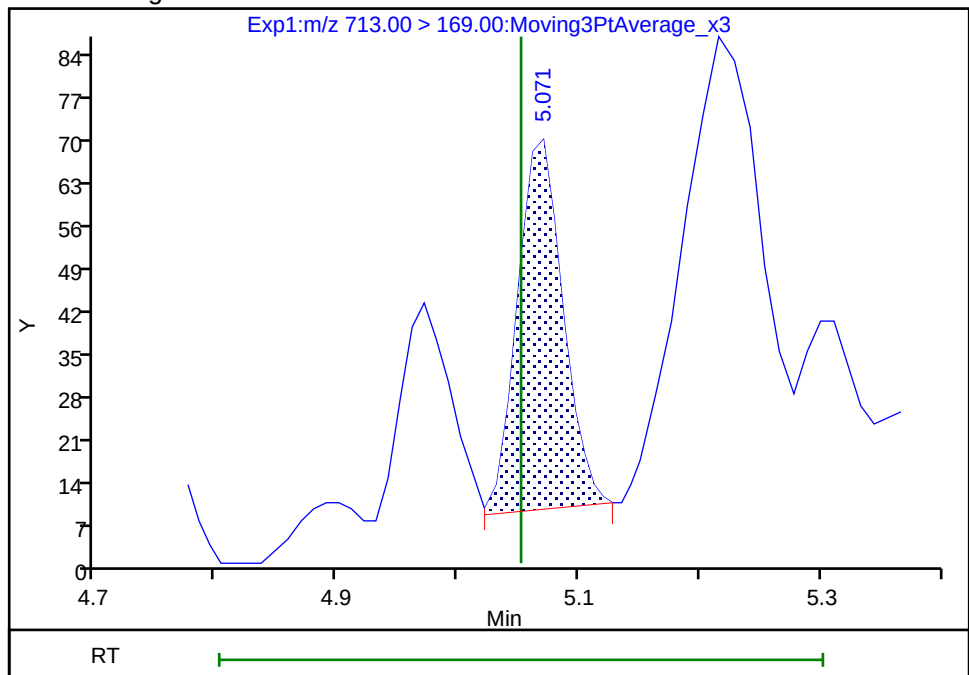
Signal: 1

Not Detected
Expected RT: 5.05

Processing Integration Results



Manual Integration Results



RT: 5.07
Area: 159
Amount: 0.000862
Amount Units: ng/ml

Eurofins Burlington

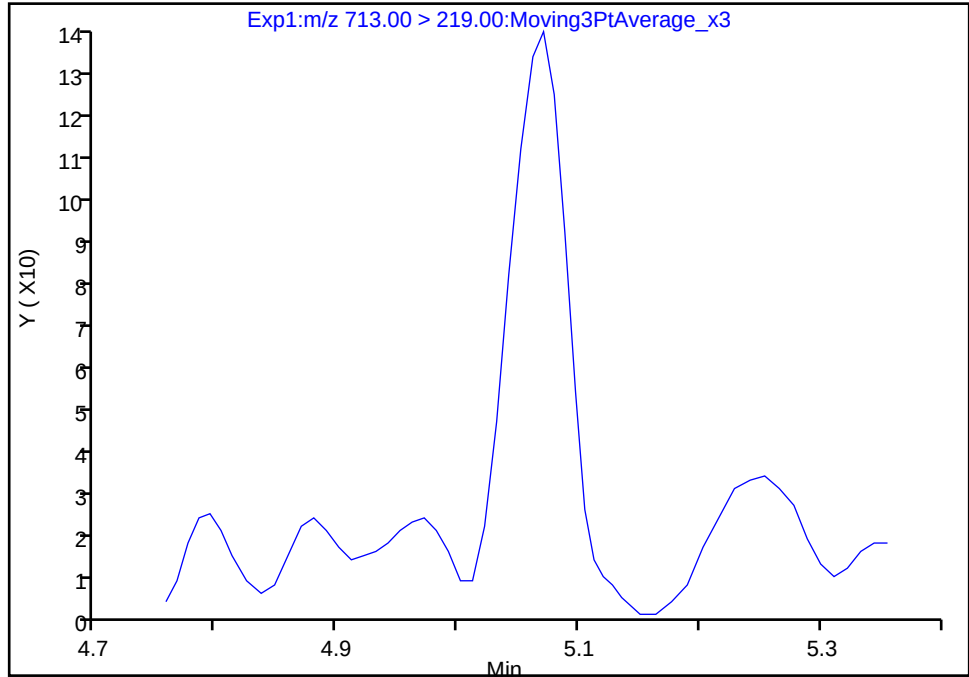
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d
Injection Date: 04-Aug-2022 23:26:08 Instrument ID: LC812
Lims ID: 460-262853-A-2-A Lab Sample ID: 200-262853-2
Client ID: BCS-21-06 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

42 Perfluorotetradecanoic acid, CAS: 376-06-7

Signal: 2

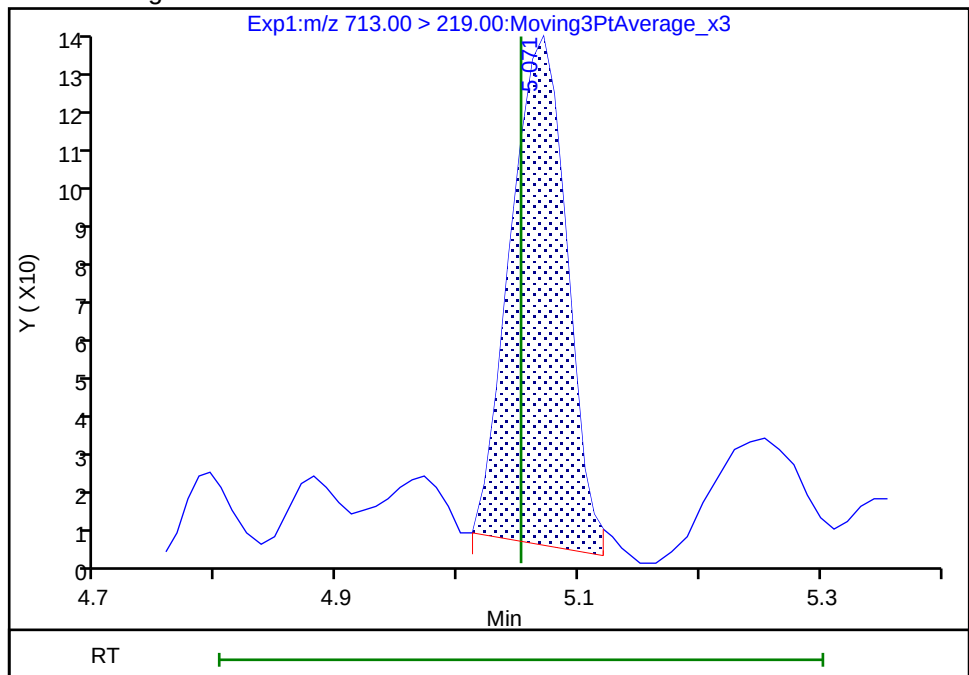
Not Detected
Expected RT: 5.05

Processing Integration Results



Manual Integration Results

RT: 5.07
Area: 433
Amount: 0.000862
Amount Units: ng/ml



Reviewer: nampitakw, 05-Aug-2022 14:09:18

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

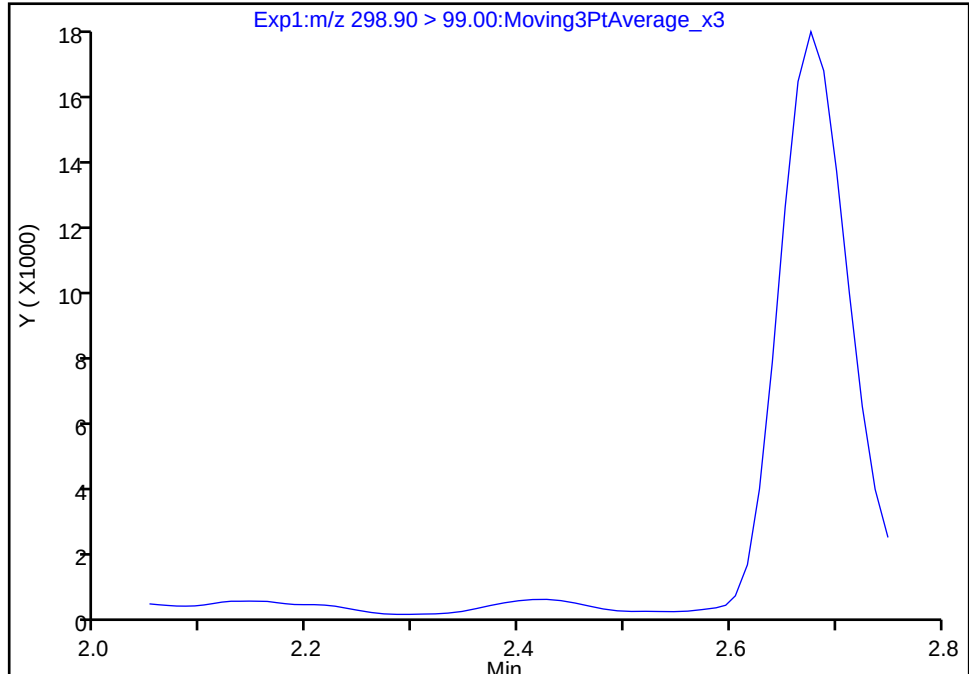
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d				
Injection Date:	04-Aug-2022 23:26:08	Instrument ID:	LC812		
Lims ID:	460-262853-A-2-A	Lab Sample ID:	200-262853-2		
Client ID:	BCS-21-06 P (4-4.5)				
Operator ID:	lc812tech	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	20.0 ul	Dil. Factor:	1.0000		
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL		
Column:	C-18 (4.60 mm)	Detector	EXP1		

5 Perfluorobutanesulfonic acid, CAS: 375-73-5

Signal: 2

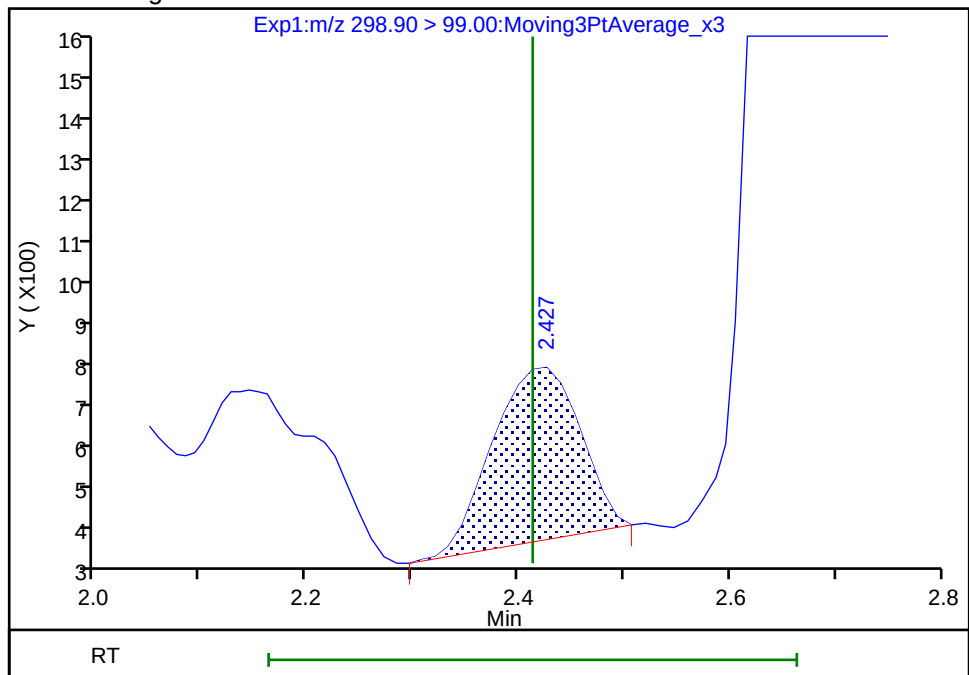
Not Detected
Expected RT: 2.41

Processing Integration Results



Manual Integration Results

RT: 2.43
Area: 2293
Amount: 0.001931
Amount Units: ng/ml



Reviewer: nampitakw, 05-Aug-2022 14:04:43
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

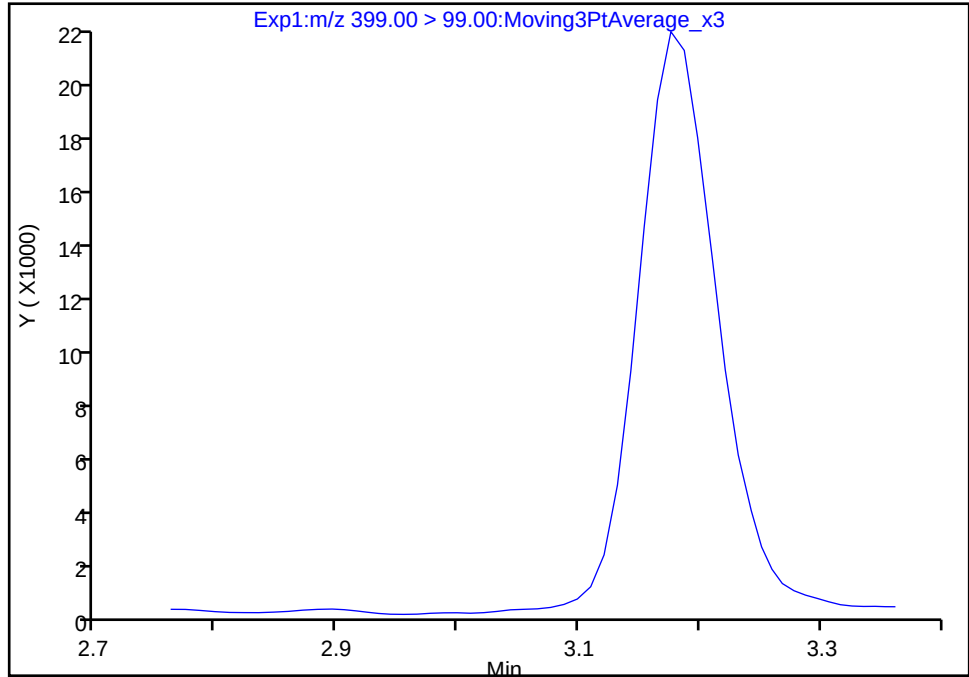
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d		
Injection Date:	04-Aug-2022 23:26:08	Instrument ID:	LC812
Lims ID:	460-262853-A-2-A	Lab Sample ID:	200-262853-2
Client ID:	BCS-21-06 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	22
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	22

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

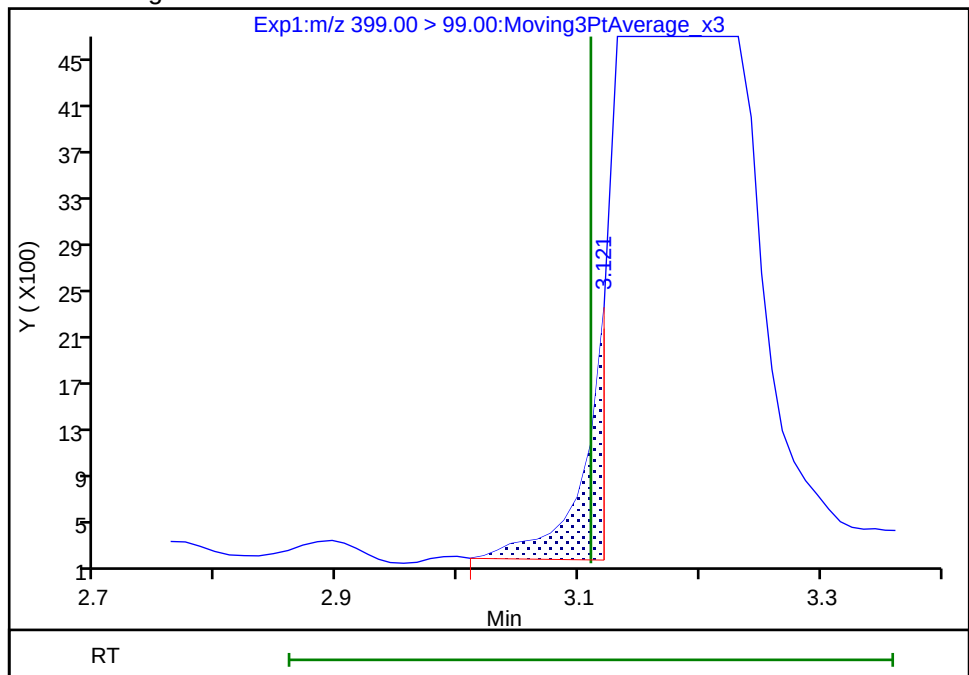
Signal: 2

Not Detected
Expected RT: 3.11

Processing Integration Results



Manual Integration Results

Reviewer: nampitakw, 05-Aug-2022 14:05:49
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

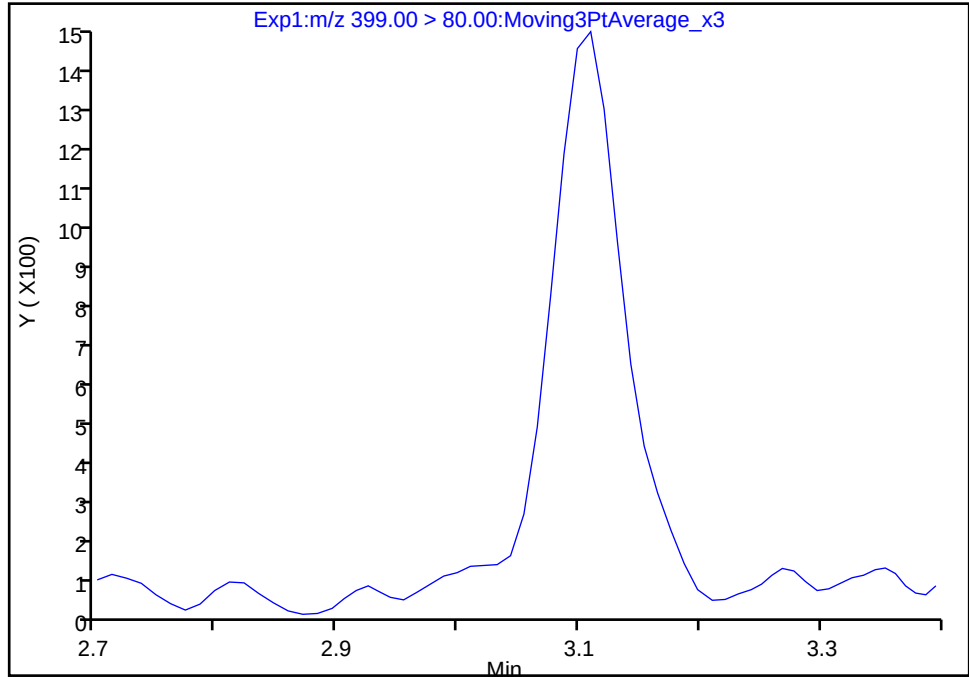
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d
Injection Date: 04-Aug-2022 23:26:08 Instrument ID: LC812
Lims ID: 460-262853-A-2-A Lab Sample ID: 200-262853-2
Client ID: BCS-21-06 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 1

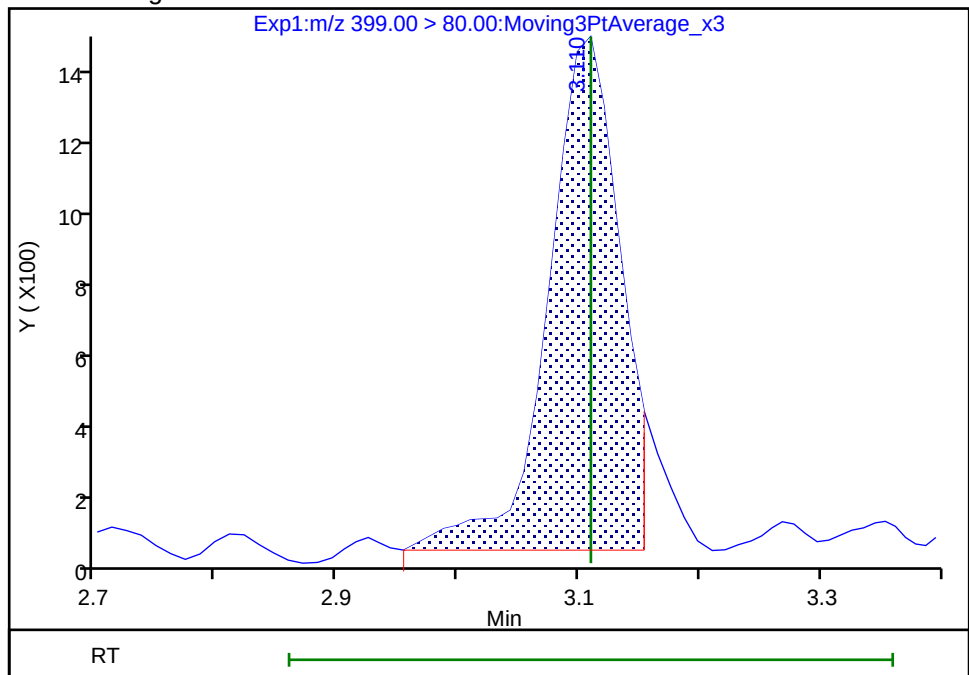
Not Detected
Expected RT: 3.11

Processing Integration Results



Manual Integration Results

RT: 3.11
Area: 5490
Amount: 0.004377
Amount Units: ng/ml



Reviewer: nampitakw, 05-Aug-2022 14:05:56

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

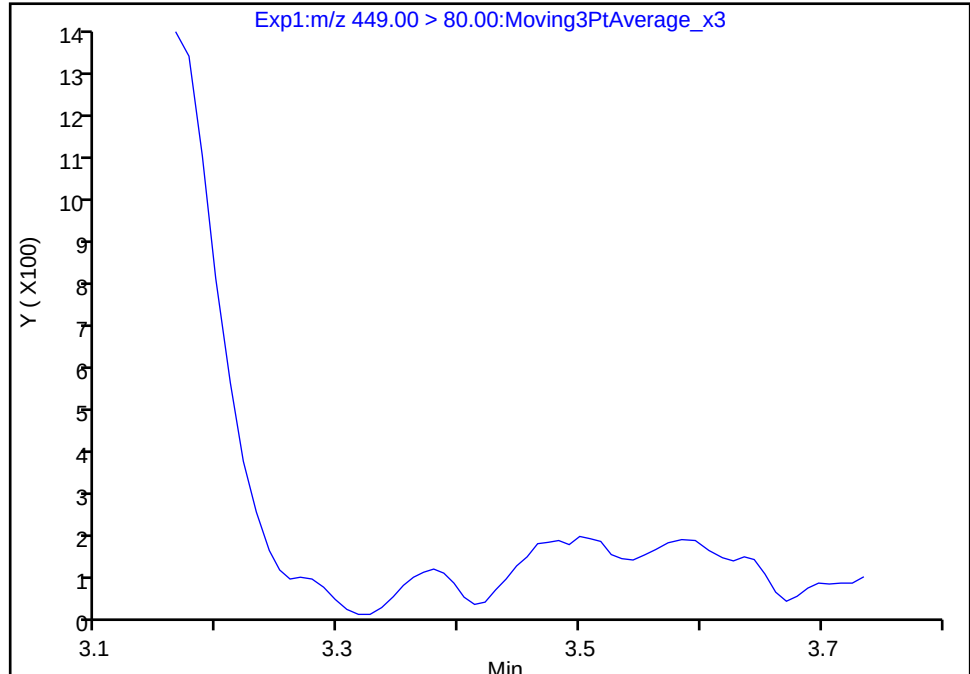
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d				
Injection Date:	04-Aug-2022 23:26:08	Instrument ID:	LC812		
Lims ID:	460-262853-A-2-A	Lab Sample ID:	200-262853-2		
Client ID:	BCS-21-06 P (4-4.5)				
Operator ID:	lc812tech	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	20.0 ul	Dil. Factor:	1.0000		
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL		
Column:	C-18 (4.60 mm)	Detector	EXP1		

16 Perfluoroheptanesulfonic acid, CAS: 375-92-8

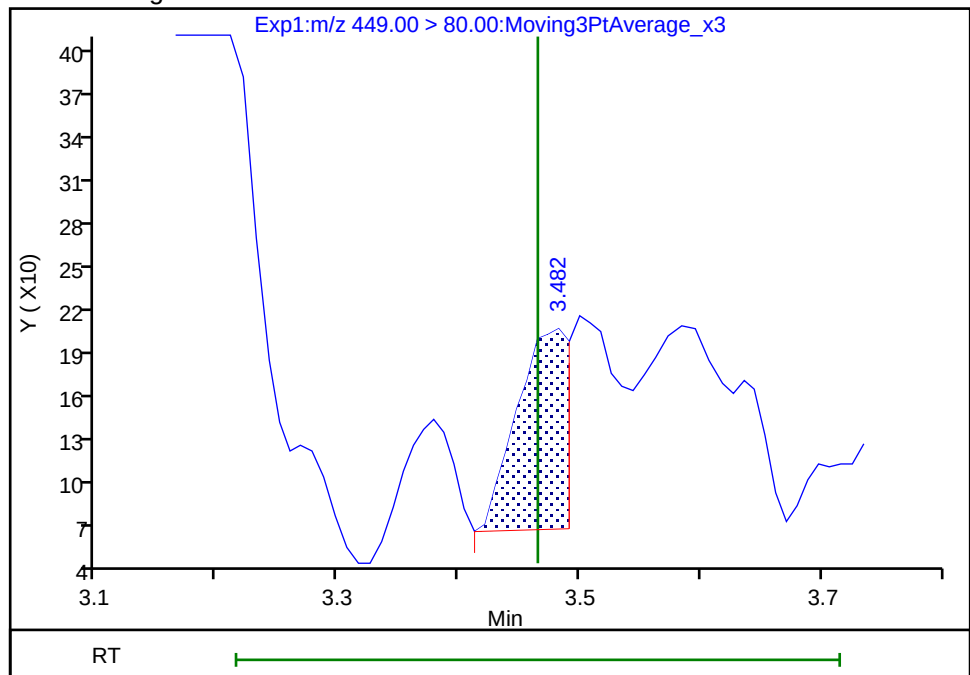
Signal: 1

Not Detected
Expected RT: 3.47

Processing Integration Results



Manual Integration Results

RT: 3.48
Area: 392
Amount: 0.000387
Amount Units: ng/mlReviewer: FDT7, 08-Aug-2022 12:01:40
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

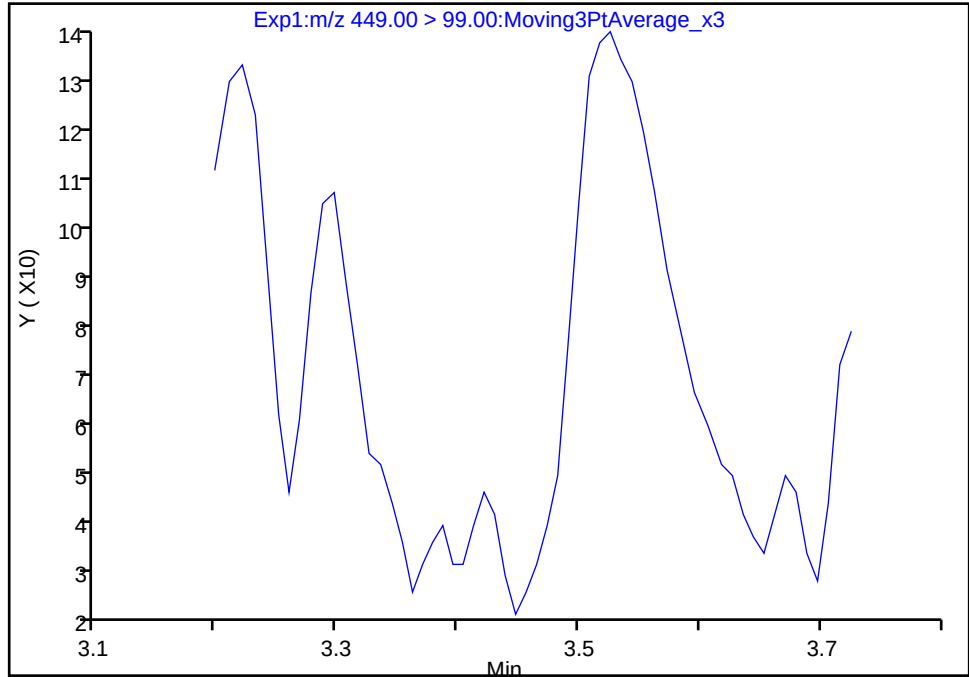
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d
Injection Date: 04-Aug-2022 23:26:08 Instrument ID: LC812
Lims ID: 460-262853-A-2-A Lab Sample ID: 200-262853-2
Client ID: BCS-21-06 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

16 Perfluoroheptanesulfonic acid, CAS: 375-92-8

Signal: 2

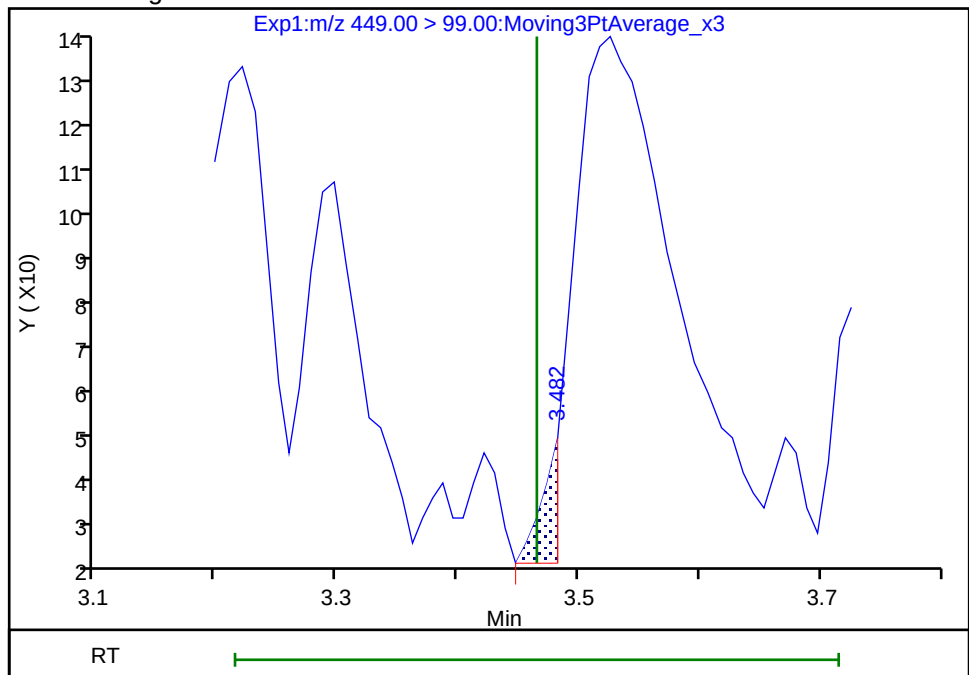
Not Detected
Expected RT: 3.47

Processing Integration Results



Manual Integration Results

RT: 3.48
Area: 21
Amount: 0.000387
Amount Units: ng/ml



Reviewer: FDT7, 08-Aug-2022 12:01:58

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

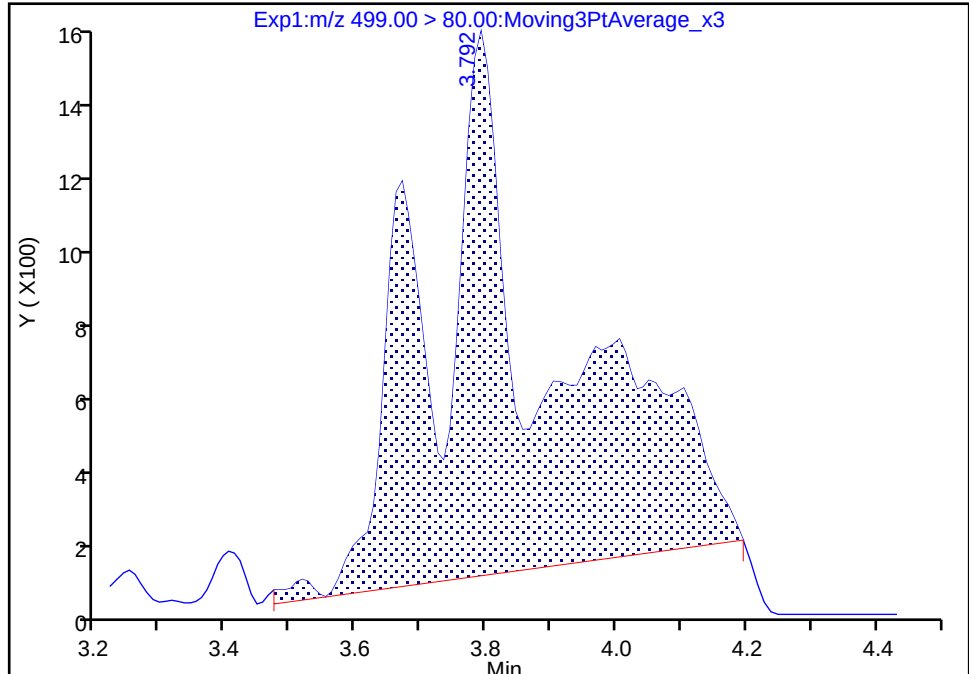
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d		
Injection Date:	04-Aug-2022 23:26:08	Instrument ID:	LC812
Lims ID:	460-262853-A-2-A	Lab Sample ID:	200-262853-2
Client ID:	BCS-21-06 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	22
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	22

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 1

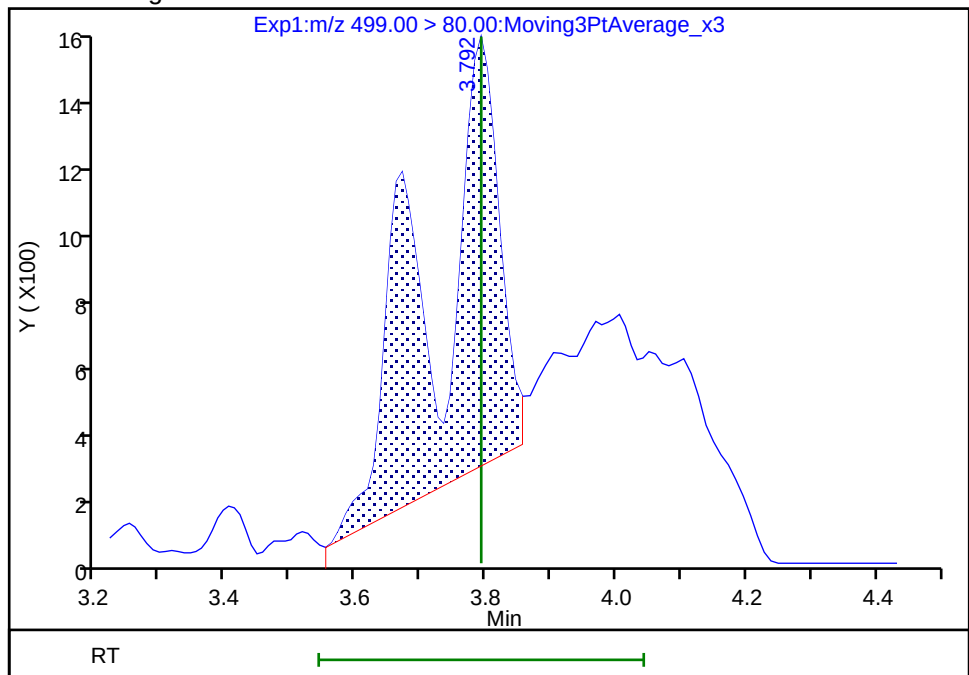
RT: 3.79
Area: 19766
Amount: 0.005763
Amount Units: ng/ml

Processing Integration Results



RT: 3.79
Area: 9220
Amount: -0.007168
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:06:42
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

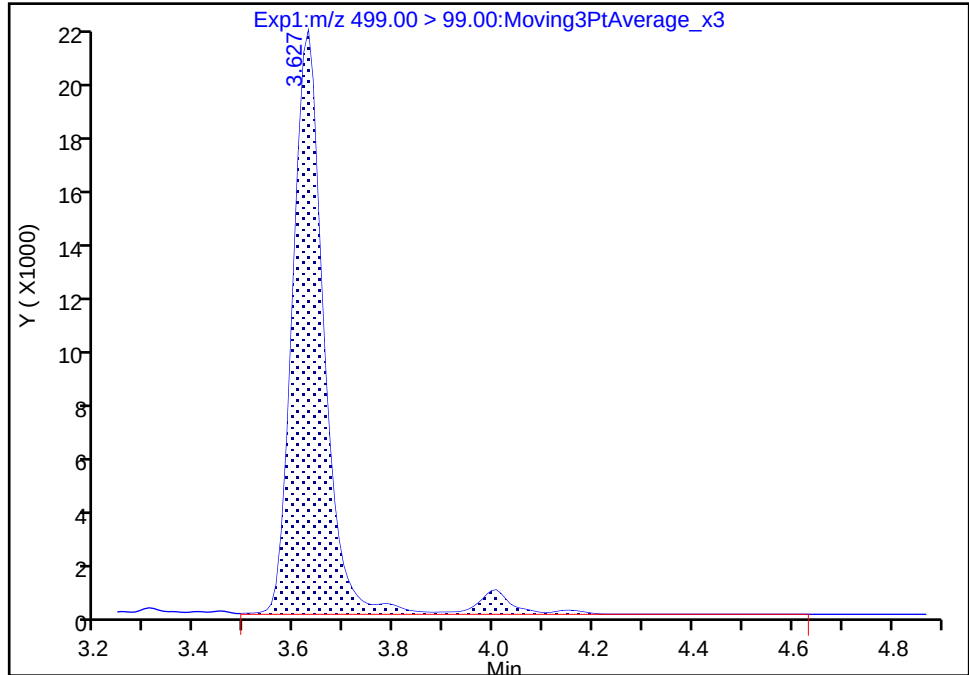
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d
Injection Date: 04-Aug-2022 23:26:08 Instrument ID: LC812
Lims ID: 460-262853-A-2-A Lab Sample ID: 200-262853-2
Client ID: BCS-21-06 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 2

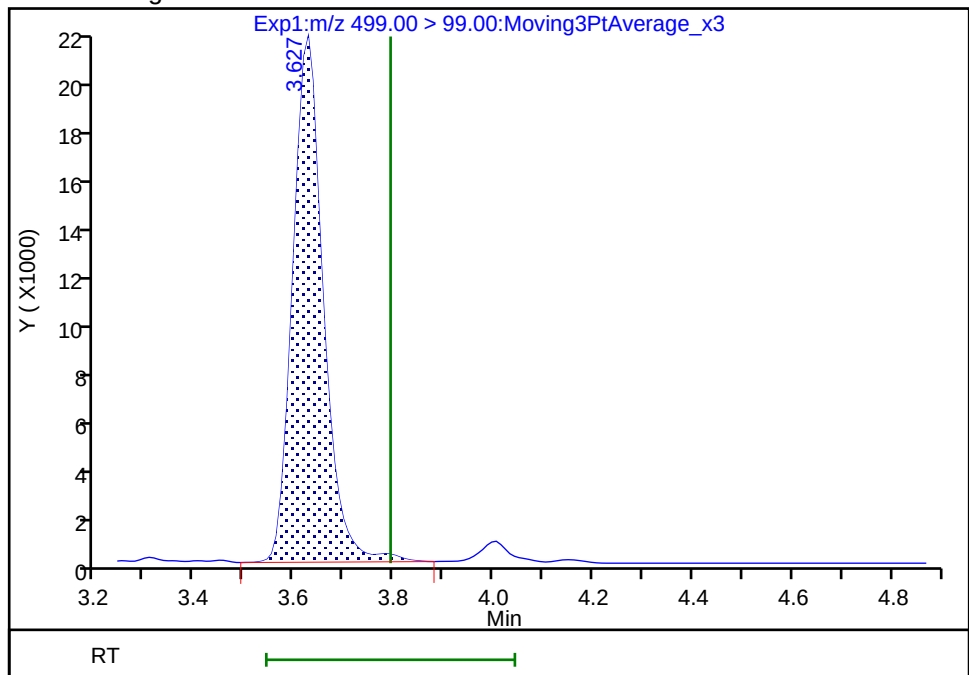
RT: 3.63
Area: 97395
Amount: 0.005763
Amount Units: ng/ml

Processing Integration Results



RT: 3.63
Area: 91689
Amount: -0.007168
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:06:56

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

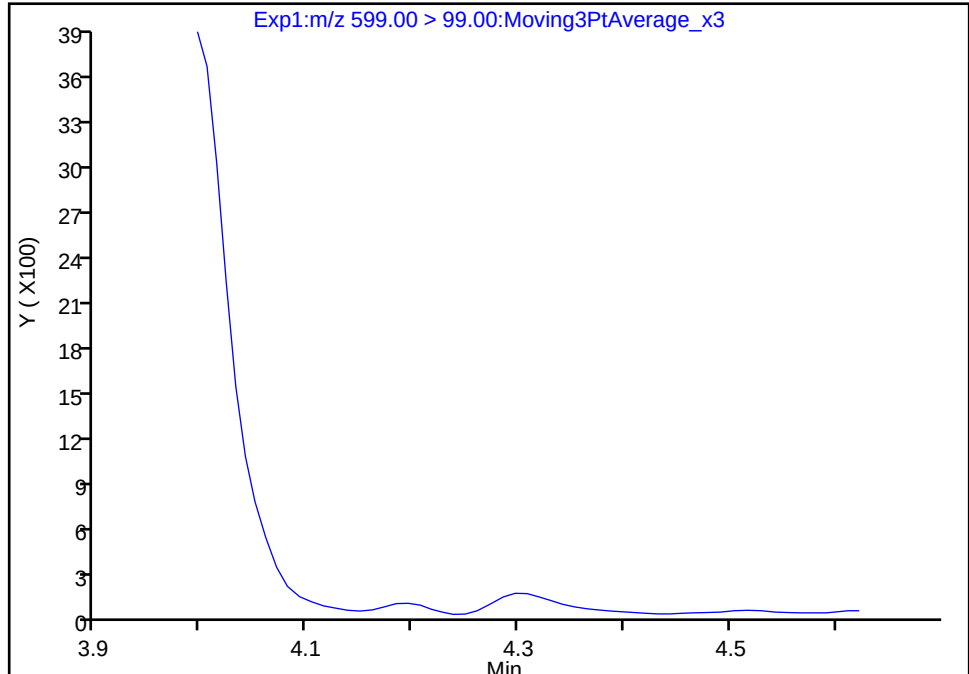
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d				
Injection Date:	04-Aug-2022 23:26:08	Instrument ID:	LC812		
Lims ID:	460-262853-A-2-A	Lab Sample ID:	200-262853-2		
Client ID:	BCS-21-06 P (4-4.5)				
Operator ID:	lc812tech	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	20.0 ul	Dil. Factor:	1.0000		
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL		
Column:	C-18 (4.60 mm)	Detector	EXP1		

29 Perfluorodecanesulfonic acid, CAS: 335-77-3

Signal: 2

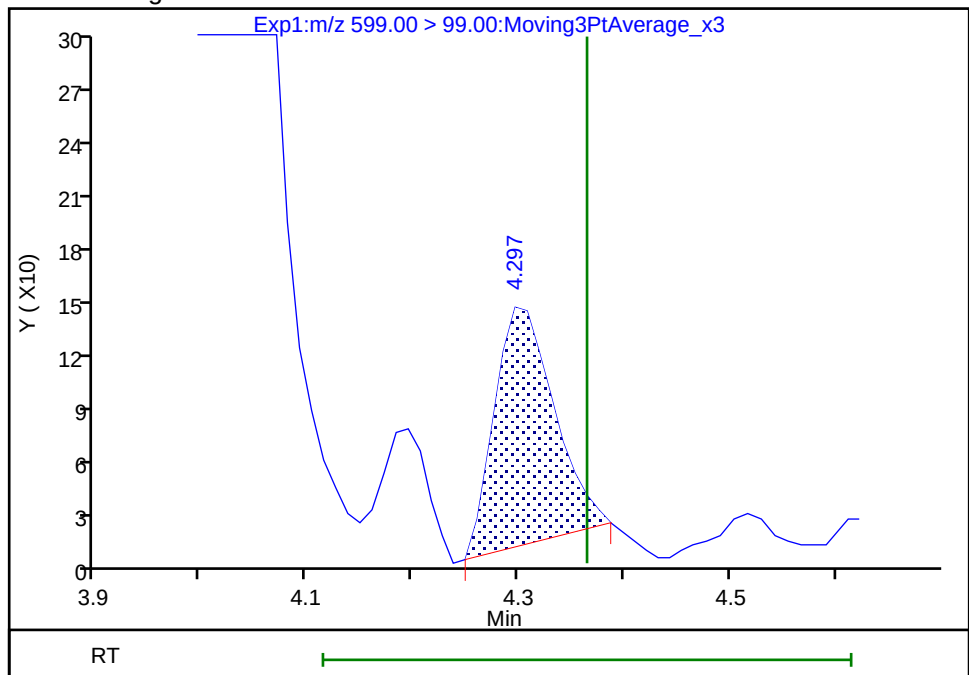
Not Detected
Expected RT: 4.36

Processing Integration Results



Manual Integration Results

RT: 4.30
Area: 507
Amount: 0.000234
Amount Units: ng/ml



Reviewer: FDT7, 08-Aug-2022 12:03:05
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

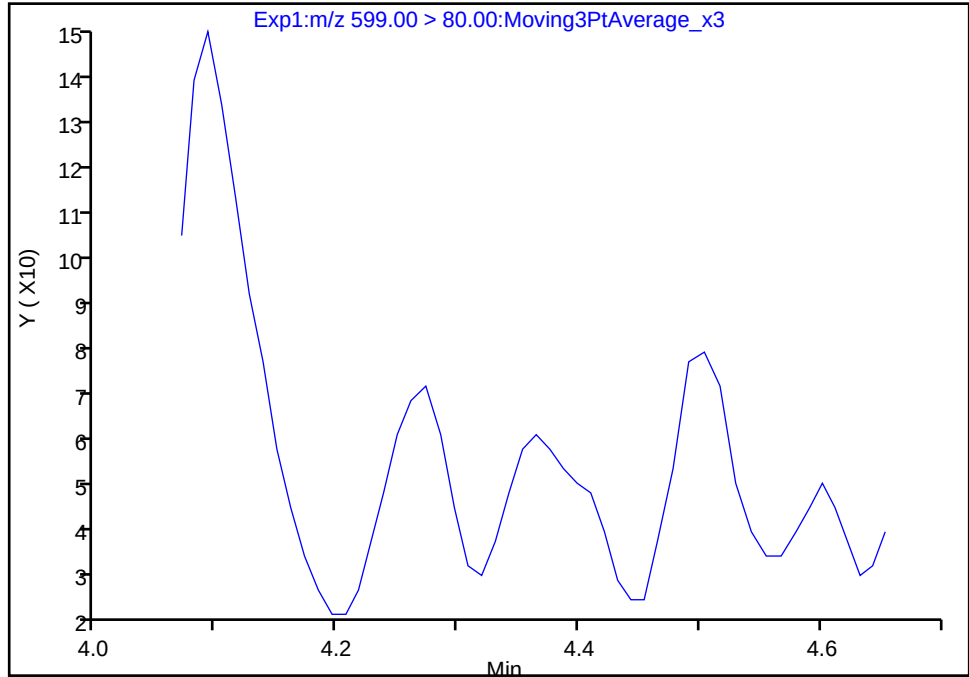
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d
Injection Date: 04-Aug-2022 23:26:08 Instrument ID: LC812
Lims ID: 460-262853-A-2-A Lab Sample ID: 200-262853-2
Client ID: BCS-21-06 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

29 Perfluorodecanesulfonic acid, CAS: 335-77-3

Signal: 1

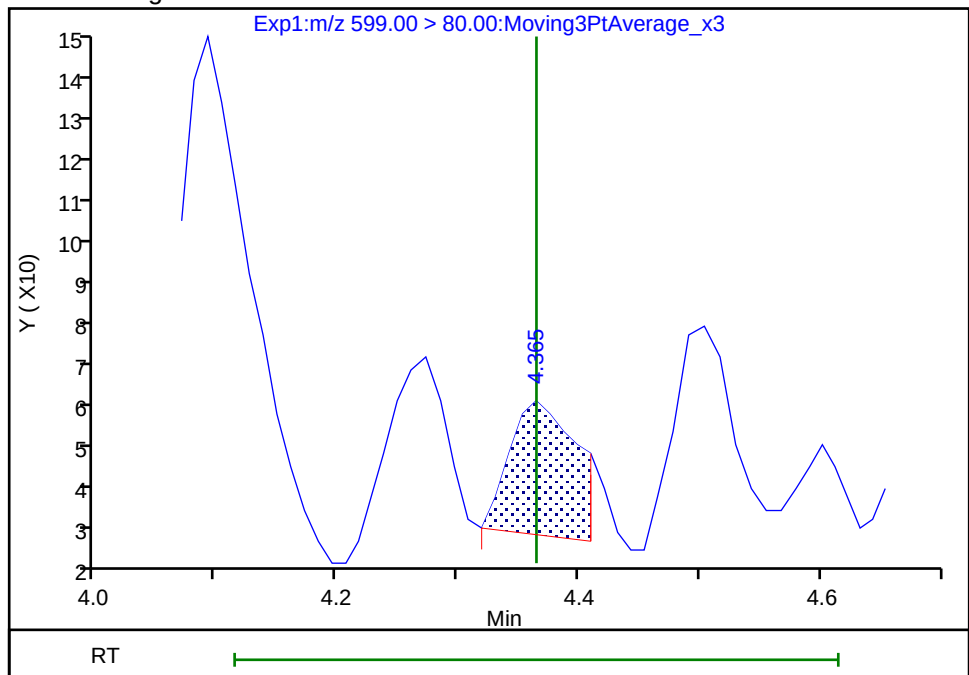
Not Detected
Expected RT: 4.36

Processing Integration Results



Manual Integration Results

RT: 4.36
Area: 112
Amount: 0.000234
Amount Units: ng/ml



Reviewer: FDT7, 08-Aug-2022 12:03:09

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

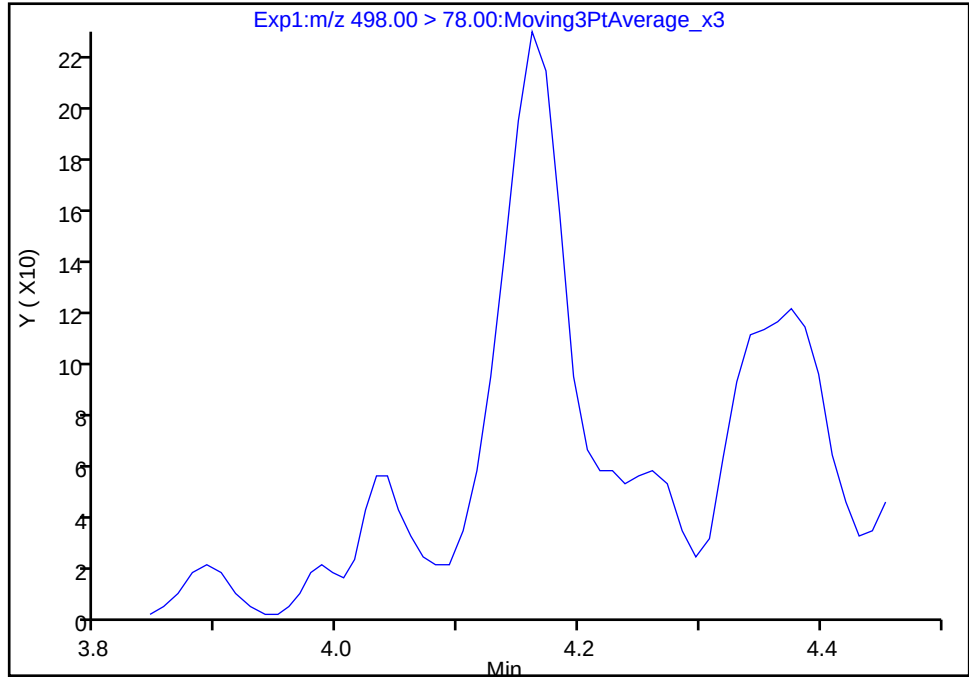
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d				
Injection Date:	04-Aug-2022 23:26:08	Instrument ID:	LC812		
Lims ID:	460-262853-A-2-A	Lab Sample ID:	200-262853-2		
Client ID:	BCS-21-06 P (4-4.5)				
Operator ID:	lc812tech	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	20.0 ul	Dil. Factor:	1.0000		
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL		
Column:	C-18 (4.60 mm)	Detector	EXP1		

22 Perfluorooctanesulfonamide, CAS: 754-91-6

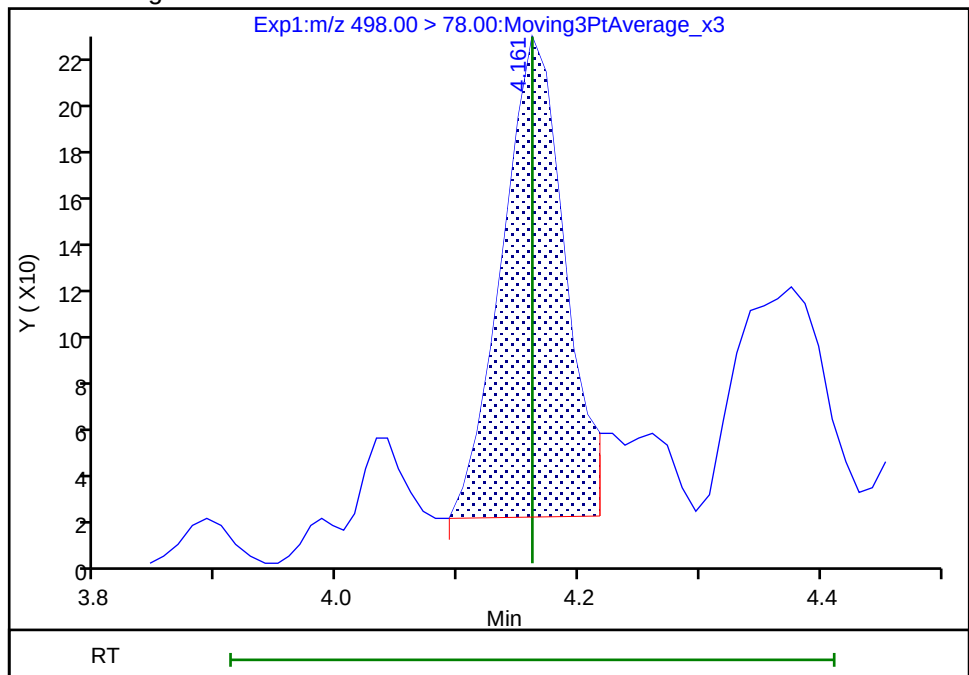
Signal: 1

Not Detected
Expected RT: 4.16

Processing Integration Results



Manual Integration Results



RT: 4.16
Area: 728
Amount: 0.000624
Amount Units: ng/ml

Reviewer: nampitakw, 05-Aug-2022 14:08:01
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

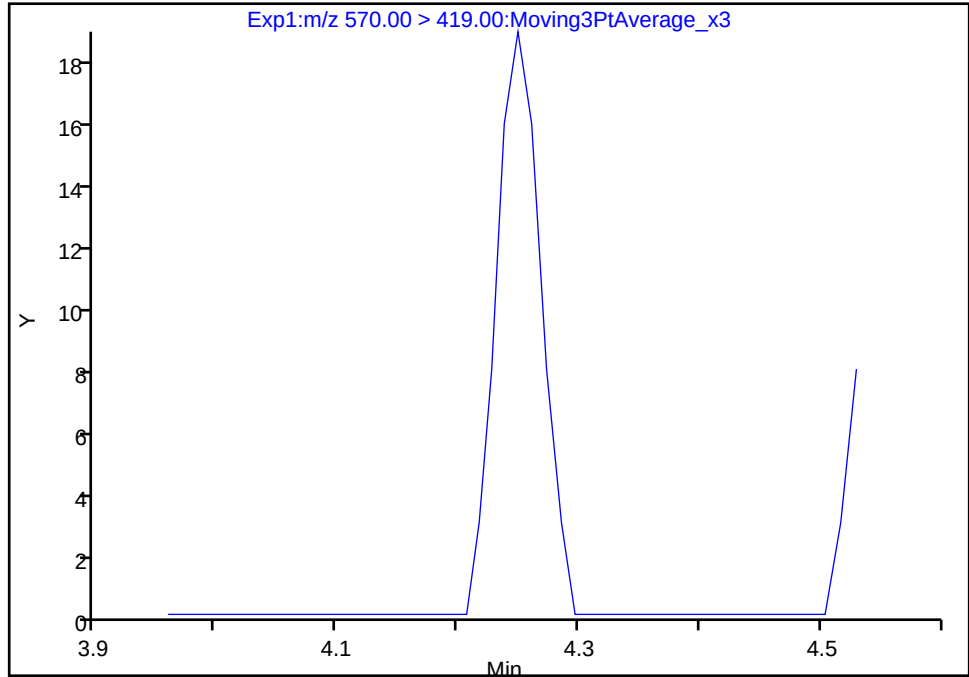
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d				
Injection Date:	04-Aug-2022 23:26:08	Instrument ID:	LC812		
Lims ID:	460-262853-A-2-A	Lab Sample ID:	200-262853-2		
Client ID:	BCS-21-06 P (4-4.5)				
Operator ID:	lc812tech	ALS Bottle#:	22	Worklist Smp#:	22
Injection Vol:	20.0 ul	Dil. Factor:	1.0000		
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL		
Column:	C-18 (4.60 mm)	Detector	EXP1		

28 N-methylperfluorooctanesulfonami, CAS: 2355-31-9

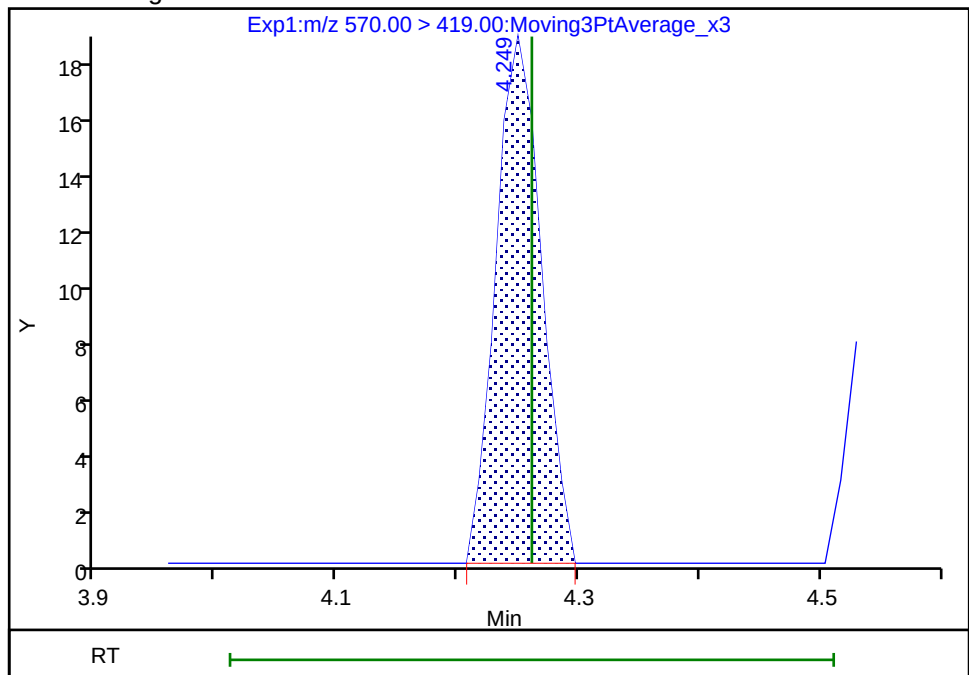
Signal: 1

Not Detected
Expected RT: 4.26

Processing Integration Results



Manual Integration Results



RT: 4.25
Area: 49
Amount: 0.000321
Amount Units: ng/ml

Reviewer: nampitakw, 05-Aug-2022 14:08:07
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

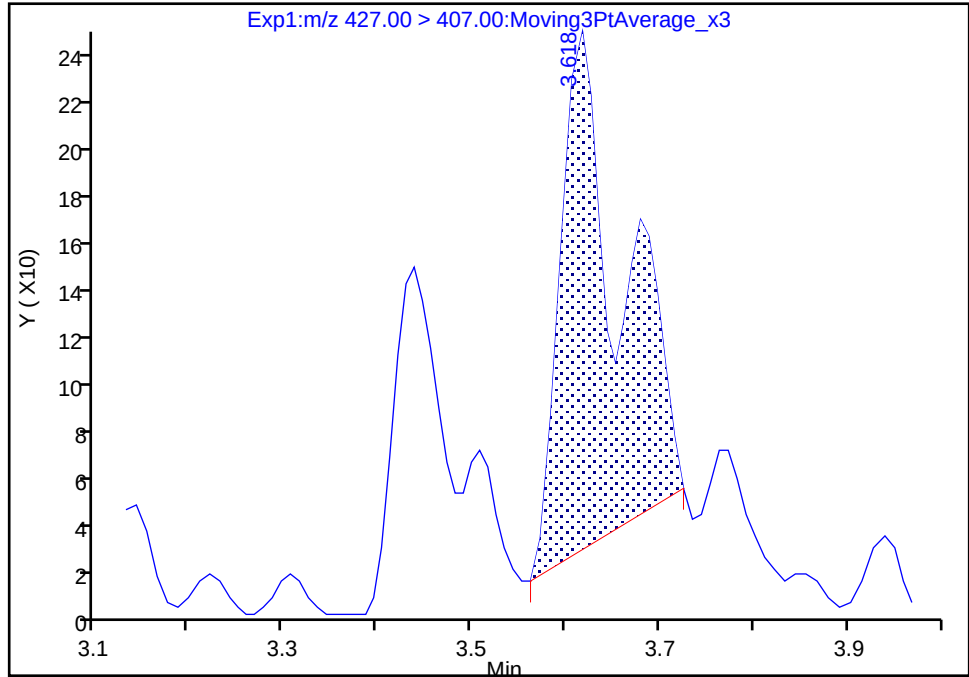
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d
Injection Date: 04-Aug-2022 23:26:08 Instrument ID: LC812
Lims ID: 460-262853-A-2-A Lab Sample ID: 200-262853-2
Client ID: BCS-21-06 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 22 Worklist Smp#: 22
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

13 1H,1H,2H,2H-perfluorooctanesulfo, CAS: 27619-97-2

Signal: 1

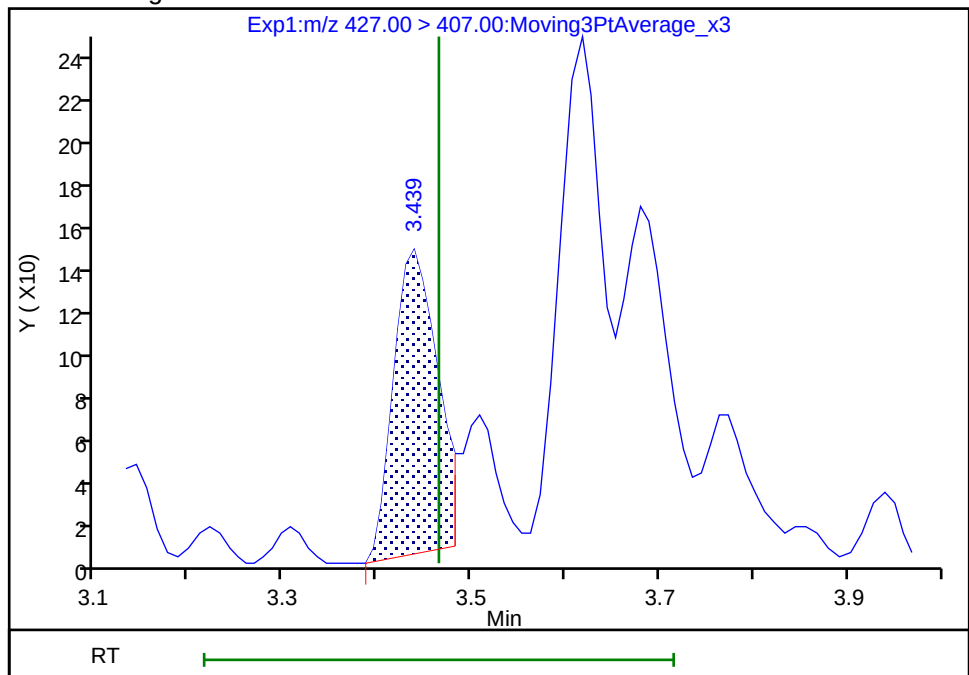
RT: 3.62
Area: 986
Amount: -0.013097
Amount Units: ng/ml

Processing Integration Results



RT: 3.44
Area: 455
Amount: -0.015096
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:06:11
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

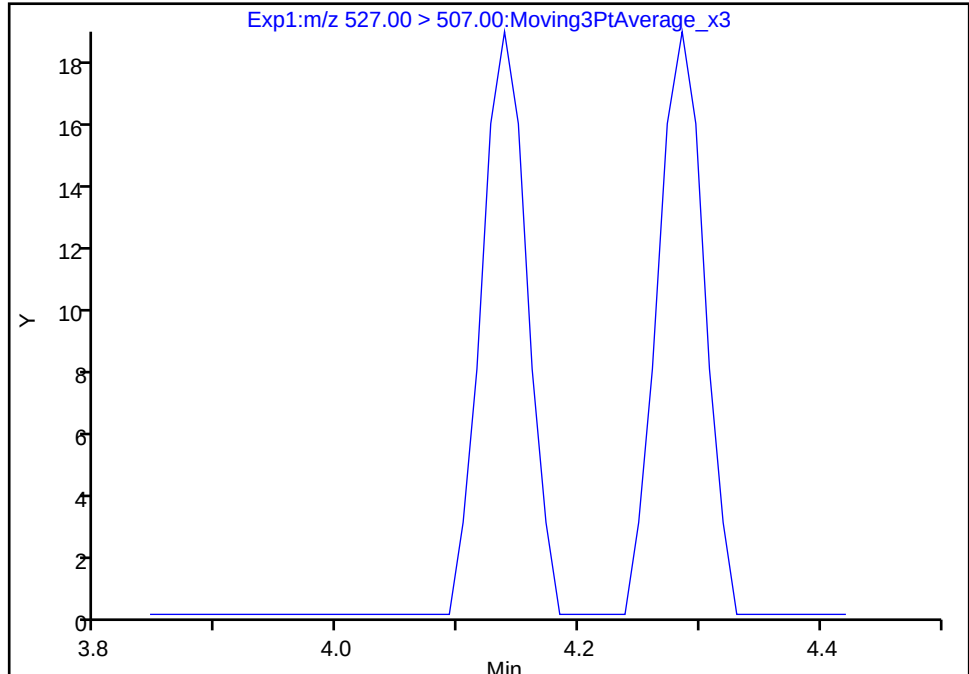
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d		
Injection Date:	04-Aug-2022 23:26:08	Instrument ID:	LC812
Lims ID:	460-262853-A-2-A	Lab Sample ID:	200-262853-2
Client ID:	BCS-21-06 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	22
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	22

25 1H,1H,2H,2H-perfluorodecanesulfo, CAS: 39108-34-4

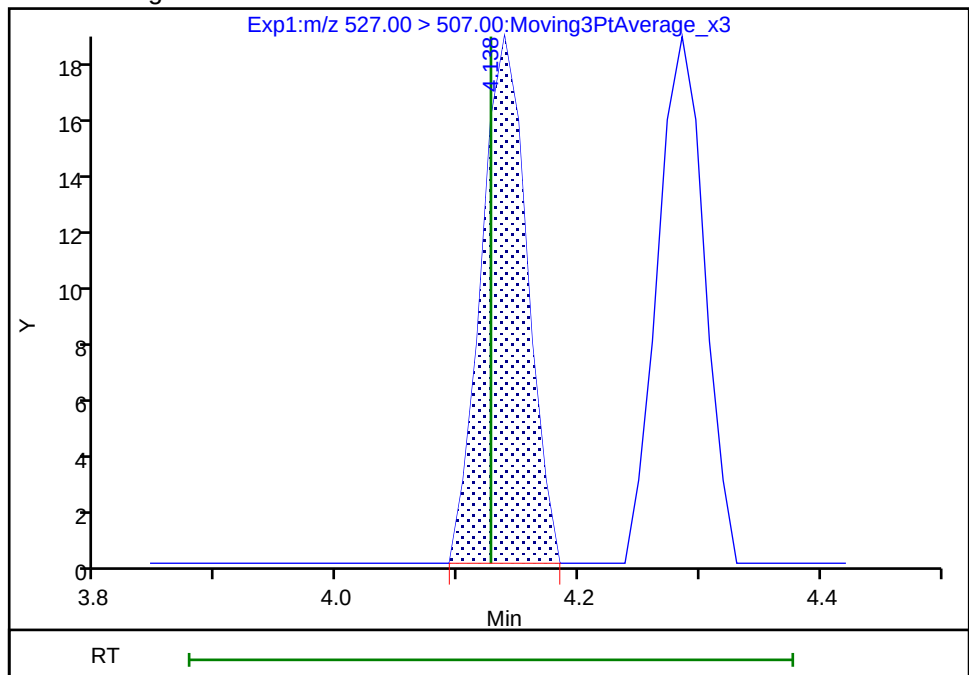
Signal: 1

Not Detected
Expected RT: 4.13

Processing Integration Results



Manual Integration Results

RT: 4.14
Area: 50
Amount: 0.000217
Amount Units: ng/mlReviewer: nampitakw, 05-Aug-2022 14:07:48
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

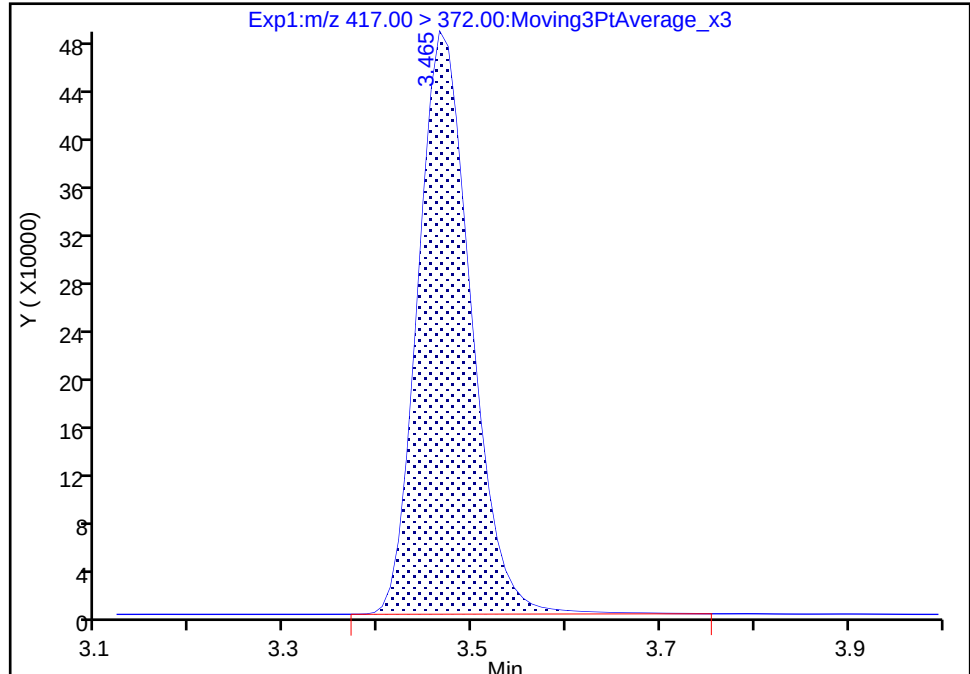
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d		
Injection Date:	04-Aug-2022 23:26:08	Instrument ID:	LC812
Lims ID:	460-262853-A-2-A	Lab Sample ID:	200-262853-2
Client ID:	BCS-21-06 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	22
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	22

D 14 13C4 PFOA, CAS: STL00990

Signal: 1

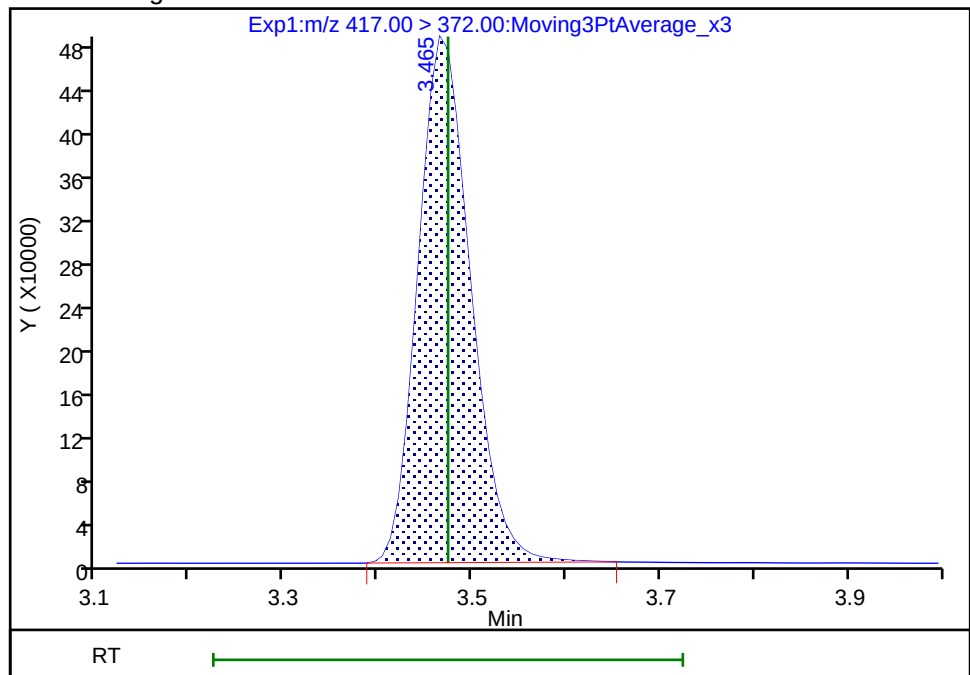
RT: 3.46
Area: 1906385
Amount: 1.160606
Amount Units: ng/ml

Processing Integration Results



RT: 3.46
Area: 1895926
Amount: 1.154239
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:02:12

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

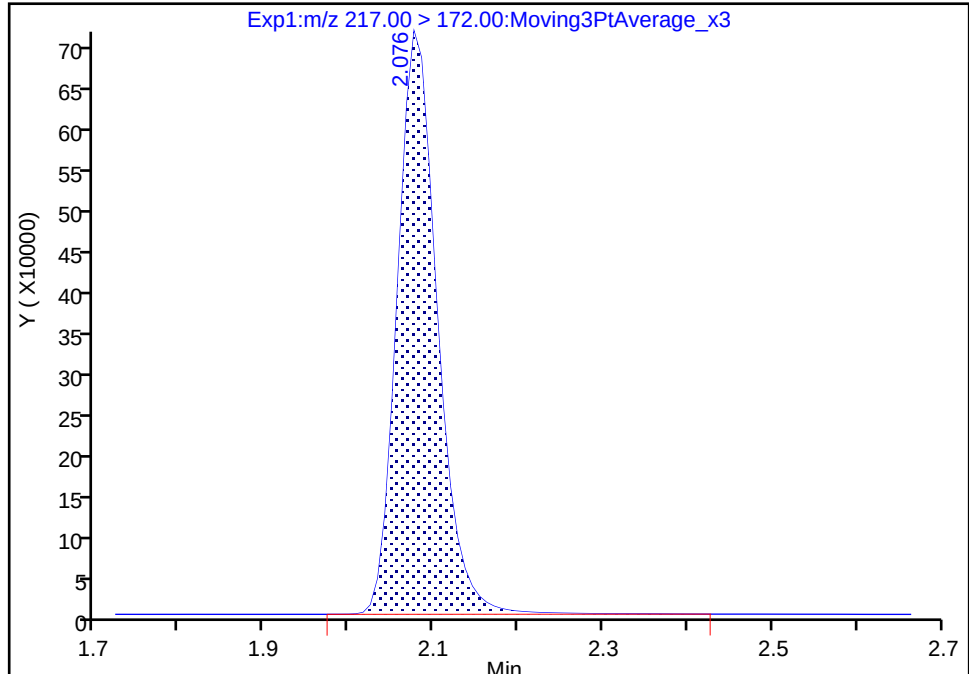
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d		
Injection Date:	04-Aug-2022 23:26:08	Instrument ID:	LC812
Lims ID:	460-262853-A-2-A	Lab Sample ID:	200-262853-2
Client ID:	BCS-21-06 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	22
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	22

D 1 13C4 PFBA, CAS: STL00992

Signal: 1

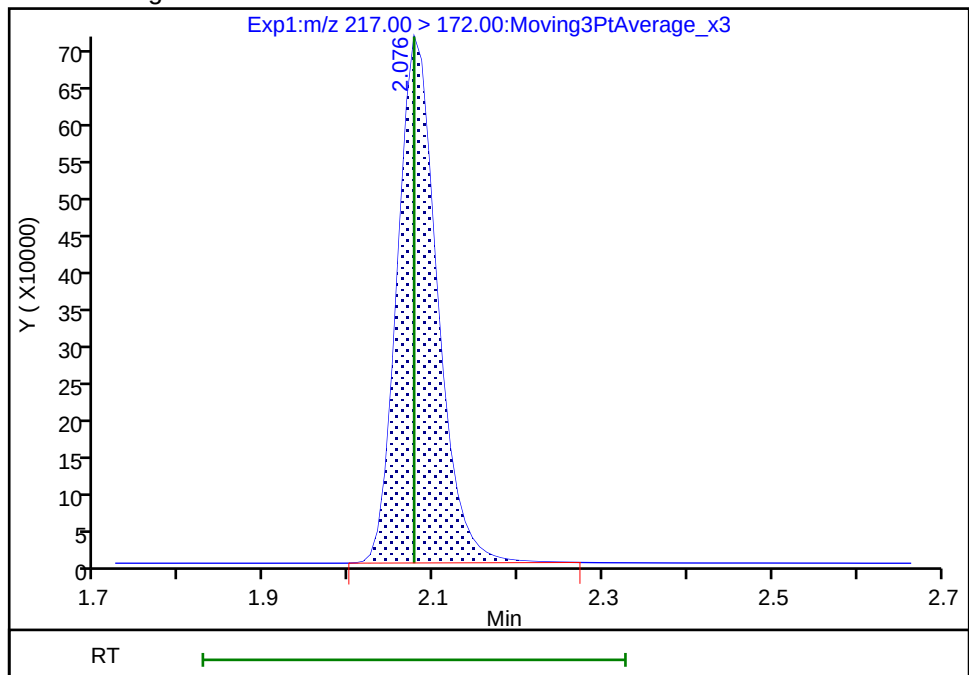
RT: 2.08
Area: 2337503
Amount: 1.161496
Amount Units: ng/ml

Processing Integration Results



RT: 2.08
Area: 2327548
Amount: 1.156549
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:01:10
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

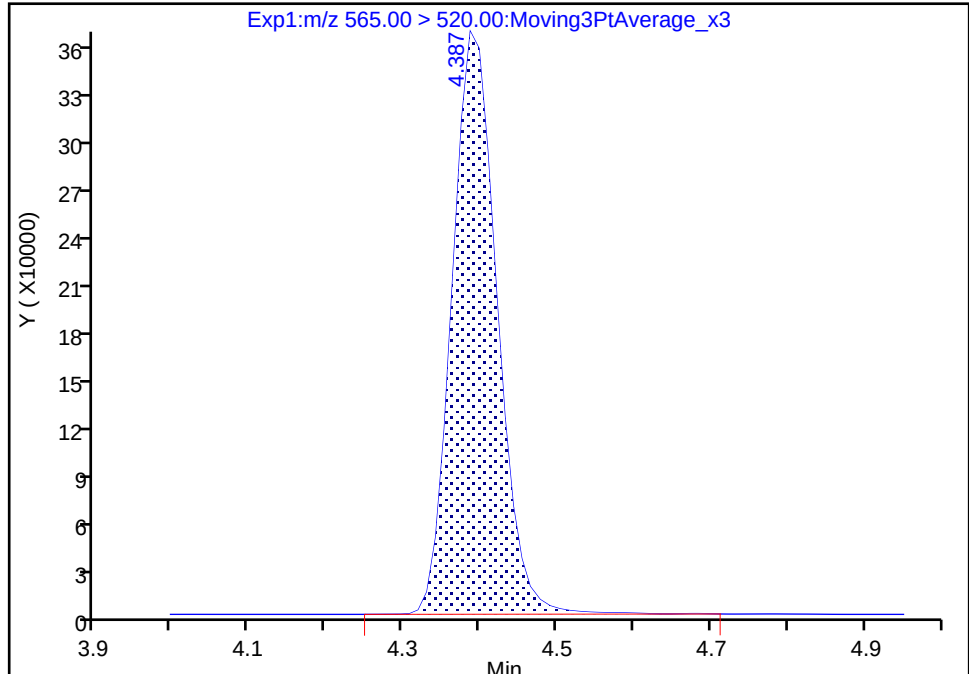
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d		
Injection Date:	04-Aug-2022 23:26:08	Instrument ID:	LC812
Lims ID:	460-262853-A-2-A	Lab Sample ID:	200-262853-2
Client ID:	BCS-21-06 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	22
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	22

D 30 13C2 PFUnA, CAS: STL00997

Signal: 1

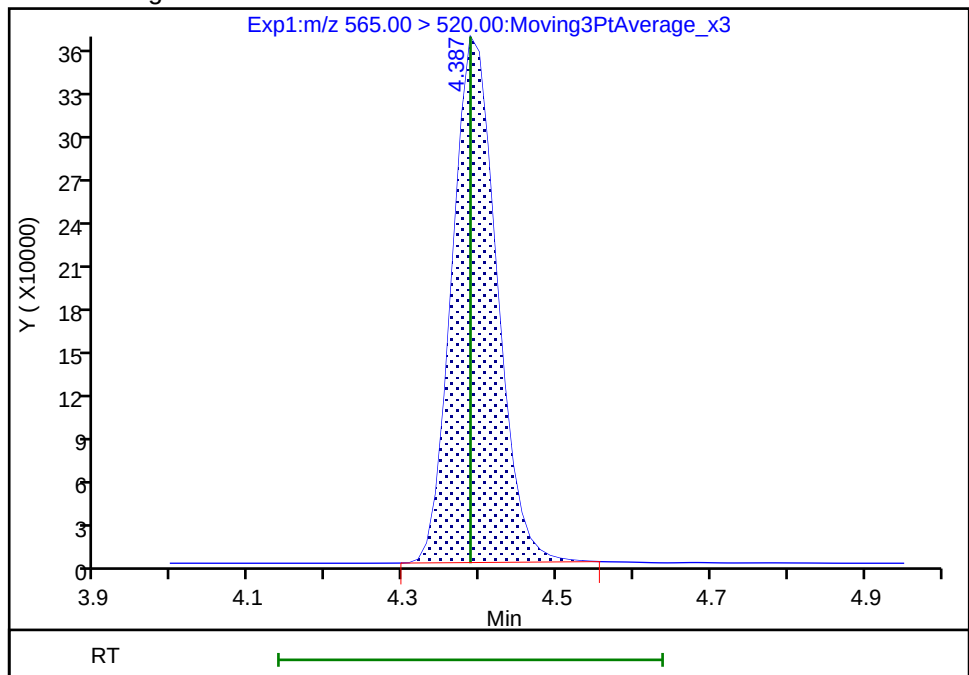
RT: 4.39
Area: 1462848
Amount: 1.160711
Amount Units: ng/ml

Processing Integration Results



RT: 4.39
Area: 1451424
Amount: 1.154237
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:03:19
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

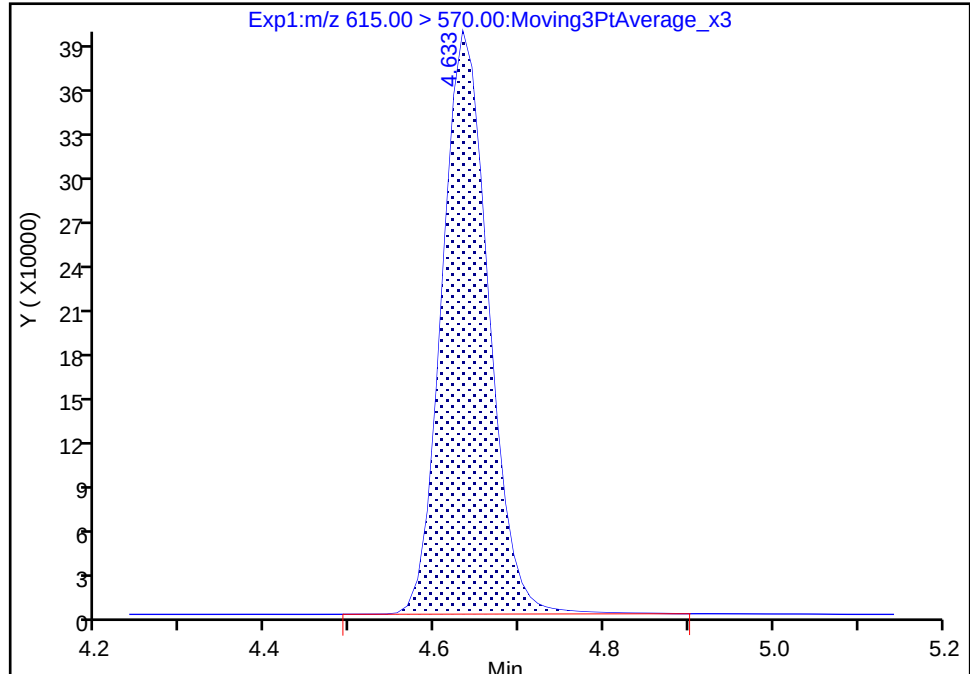
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d		
Injection Date:	04-Aug-2022 23:26:08	Instrument ID:	LC812
Lims ID:	460-262853-A-2-A	Lab Sample ID:	200-262853-2
Client ID:	BCS-21-06 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	22
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	22

D 36 13C2 PFD_oA, CAS: STL00998

Signal: 1

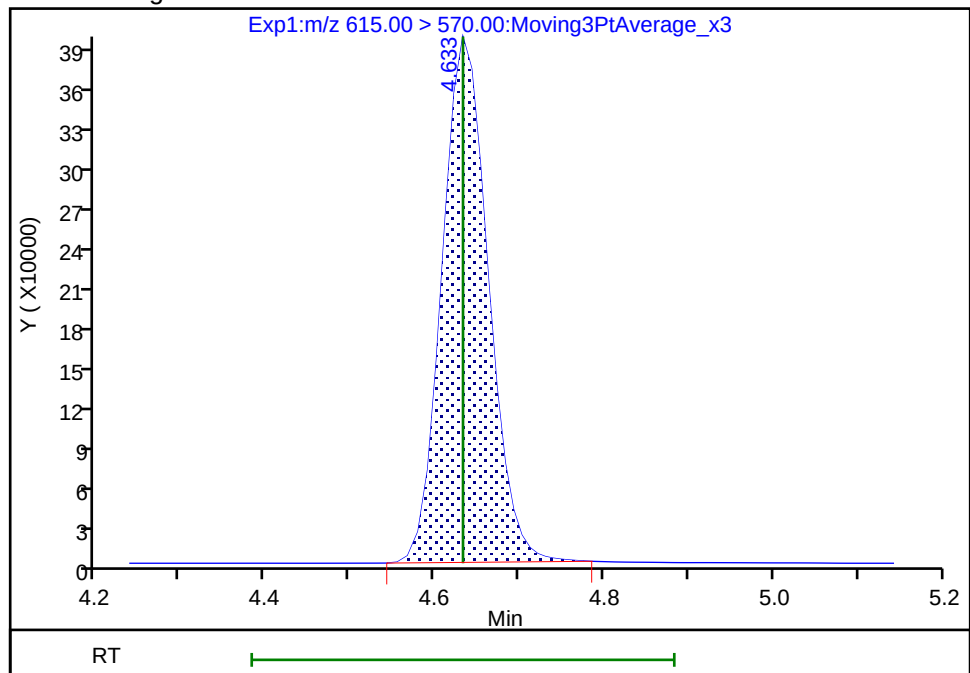
RT: 4.63
Area: 1520386
Amount: 1.166793
Amount Units: ng/ml

Processing Integration Results



RT: 4.63
Area: 1508779
Amount: 1.157885
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:03:29
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

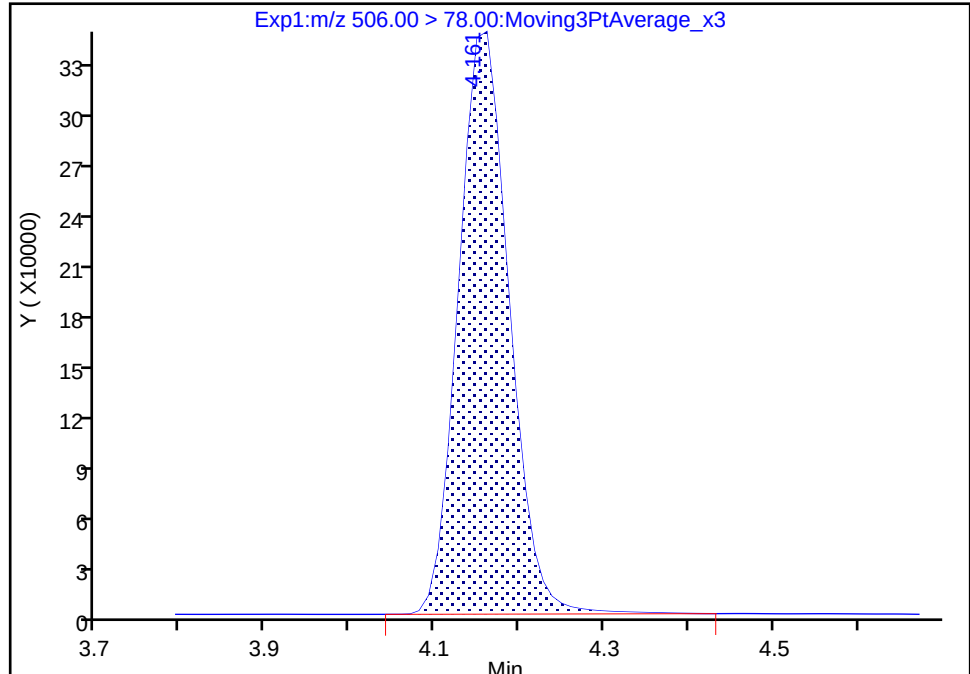
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d		
Injection Date:	04-Aug-2022 23:26:08	Instrument ID:	LC812
Lims ID:	460-262853-A-2-A	Lab Sample ID:	200-262853-2
Client ID:	BCS-21-06 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	22
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	22

D 21 13C8 FOSA, CAS: STL01056

Signal: 1

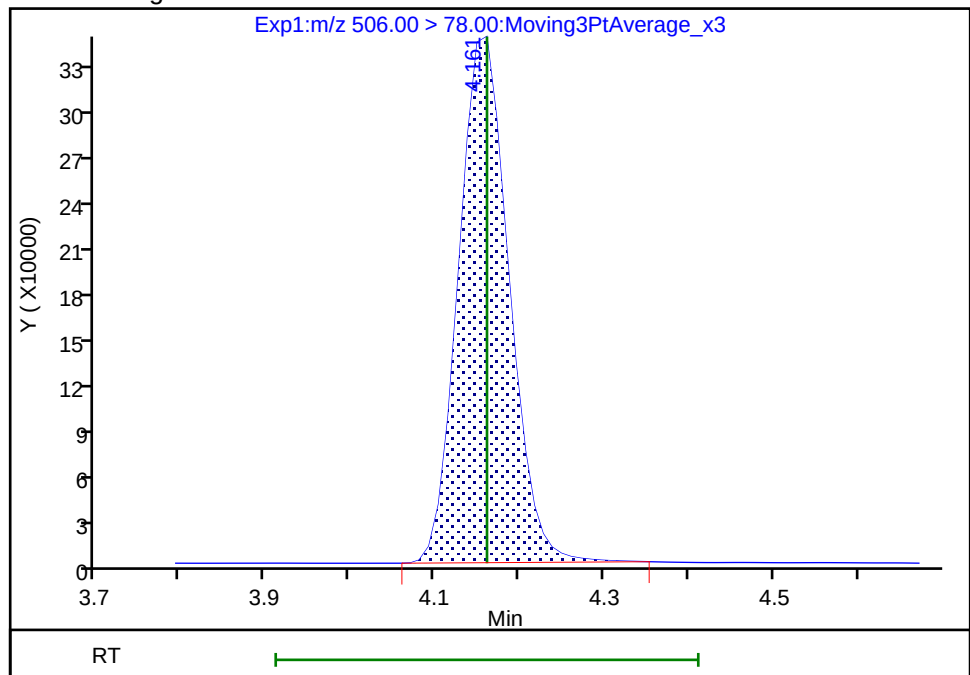
RT: 4.16
Area: 1437831
Amount: 0.989859
Amount Units: ng/ml

Processing Integration Results



RT: 4.16
Area: 1430729
Amount: 0.984970
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:02:31
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

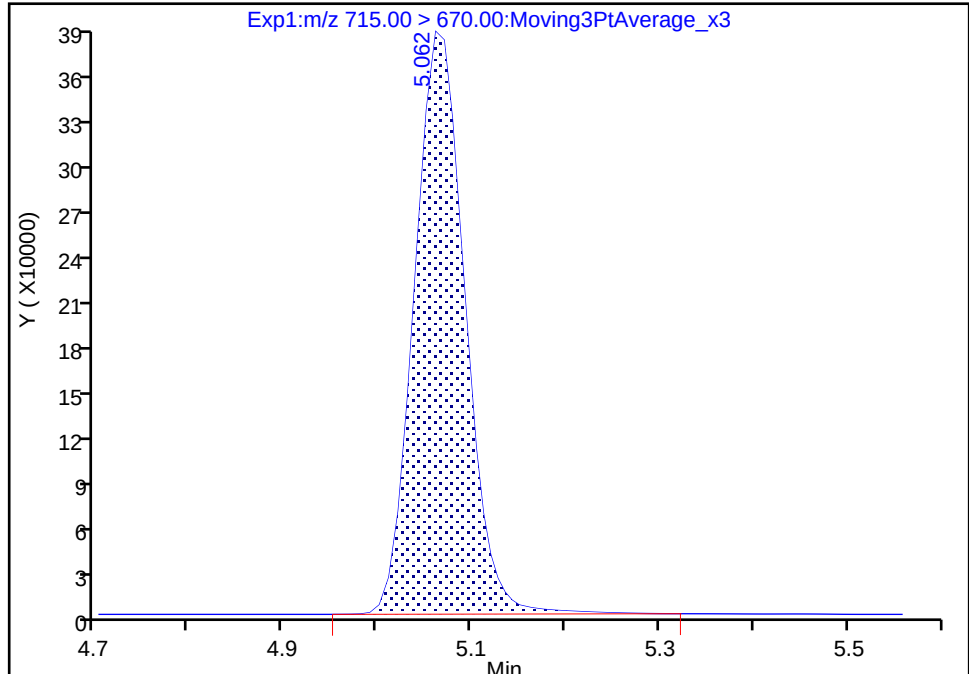
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d		
Injection Date:	04-Aug-2022 23:26:08	Instrument ID:	LC812
Lims ID:	460-262853-A-2-A	Lab Sample ID:	200-262853-2
Client ID:	BCS-21-06 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	22
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	22

D 43 13C2 PFTeDA, CAS: STL02116

Signal: 1

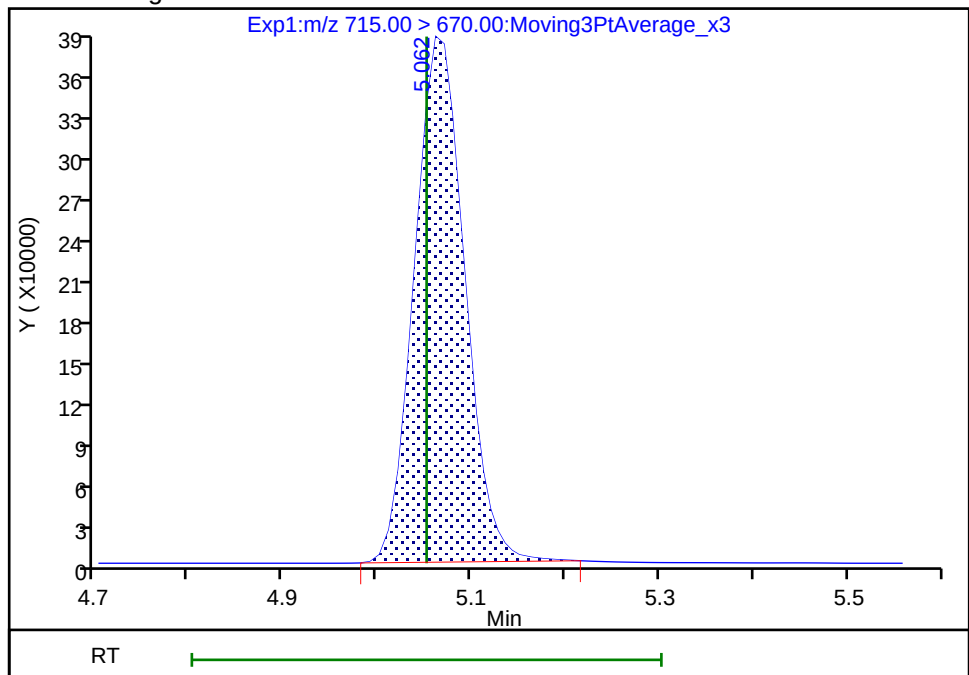
RT: 5.06
Area: 1455269
Amount: 1.366188
Amount Units: ng/ml

Processing Integration Results



RT: 5.06
Area: 1439776
Amount: 1.351644
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:03:41
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

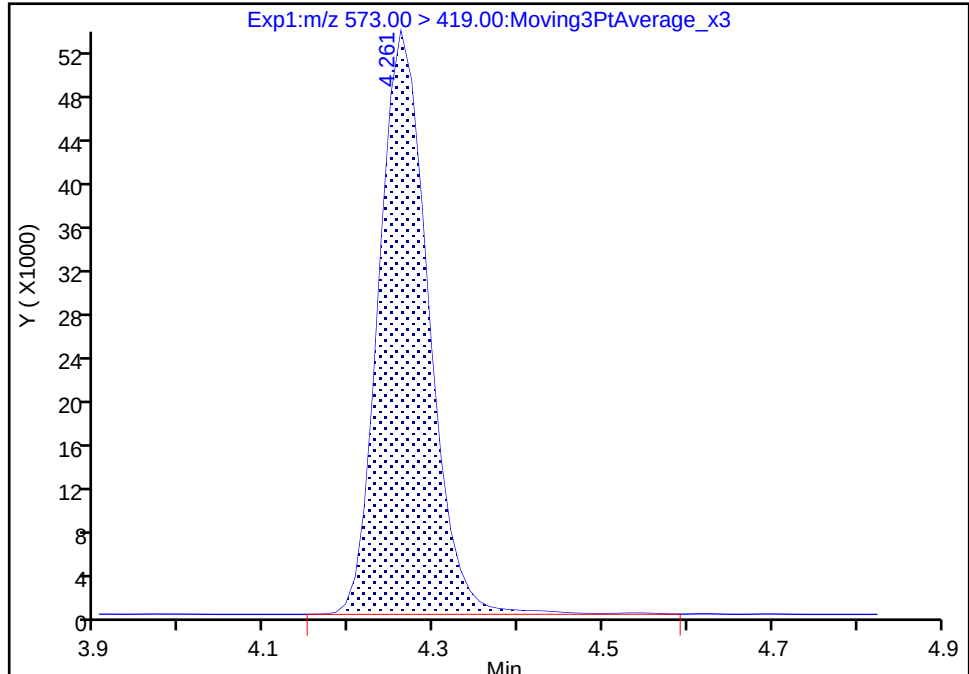
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d		
Injection Date:	04-Aug-2022 23:26:08	Instrument ID:	LC812
Lims ID:	460-262853-A-2-A	Lab Sample ID:	200-262853-2
Client ID:	BCS-21-06 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	22
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	22

D 27 d3-NMeFOSAA, CAS: STL02118

Signal: 1

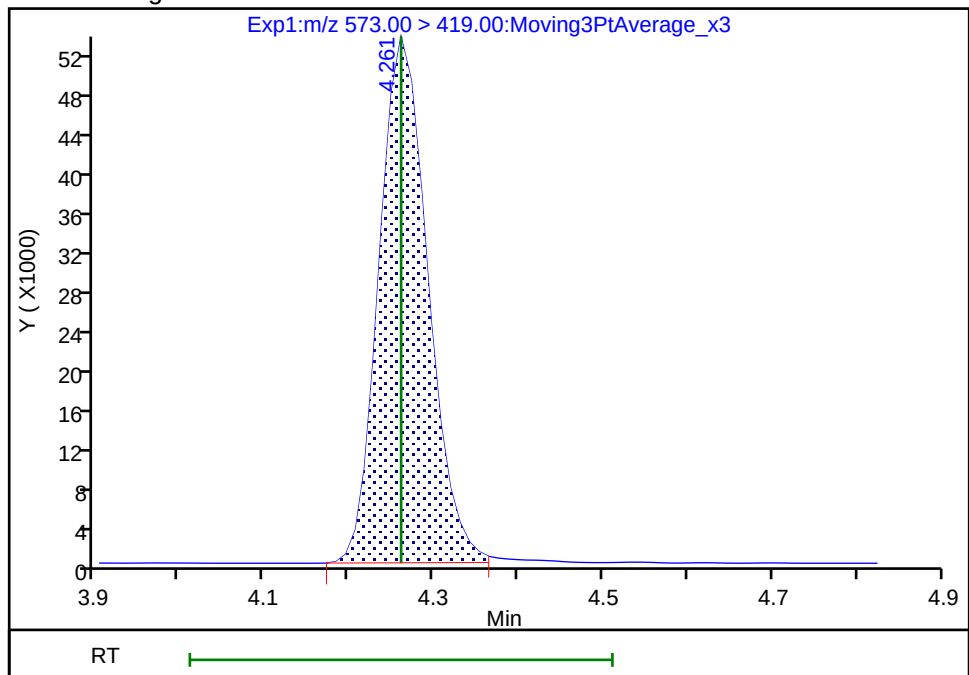
RT: 4.26
Area: 217563
Amount: 0.975859
Amount Units: ng/ml

Processing Integration Results



RT: 4.26
Area: 214619
Amount: 0.964819
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:02:49
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

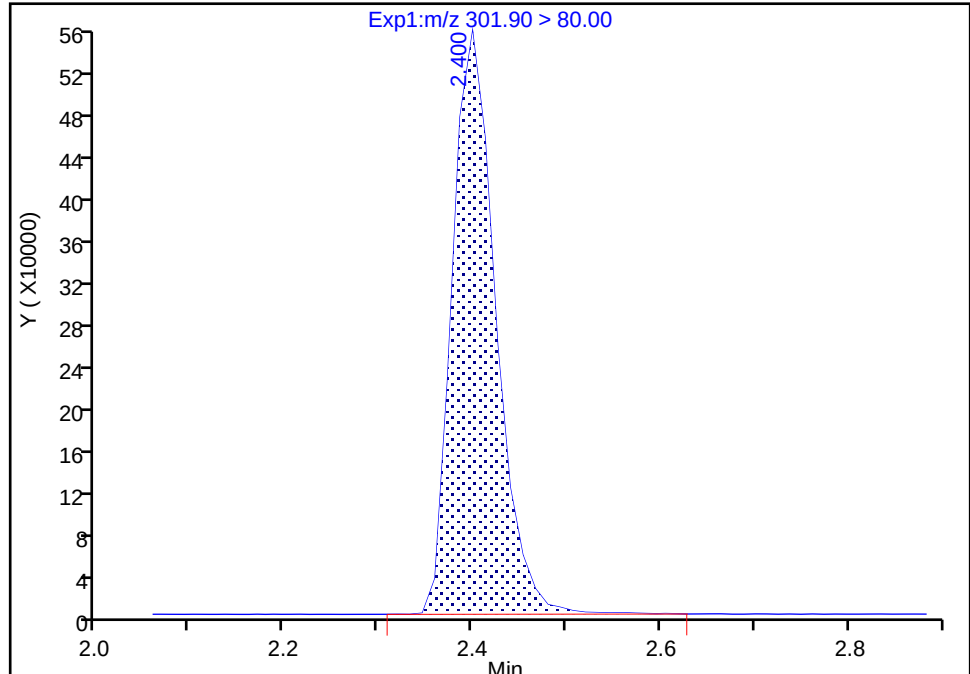
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d		
Injection Date:	04-Aug-2022 23:26:08	Instrument ID:	LC812
Lims ID:	460-262853-A-2-A	Lab Sample ID:	200-262853-2
Client ID:	BCS-21-06 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	22
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	22

D 47 13C3 PFBS, CAS: STL02337

Signal: 1

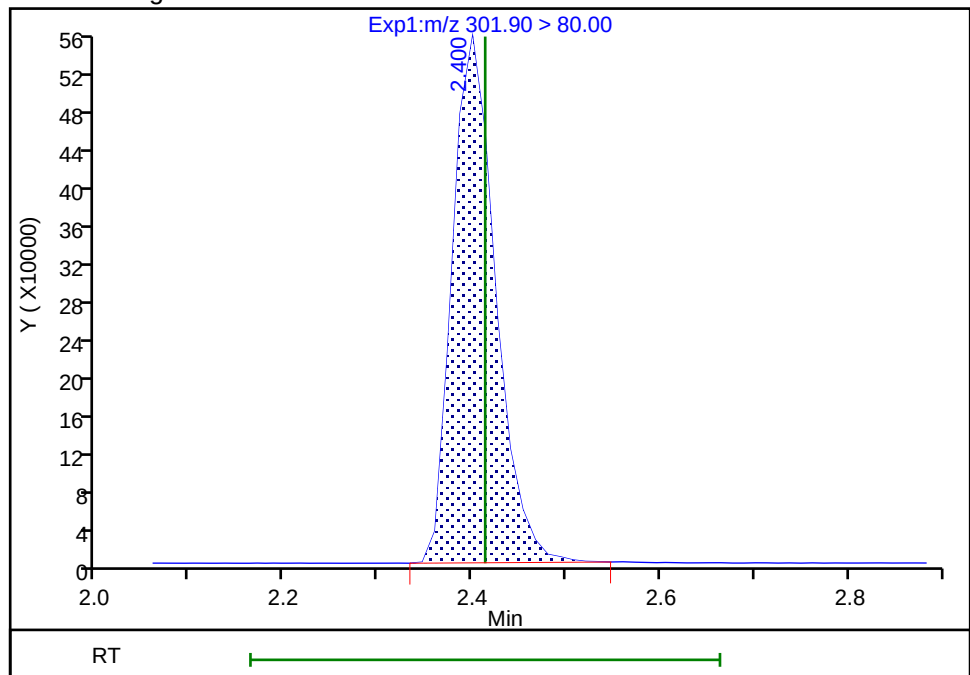
RT: 2.40
Area: 1779021
Amount: 0.991025
Amount Units: ng/ml

Processing Integration Results



RT: 2.40
Area: 1769191
Amount: 0.987765
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:03:38

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

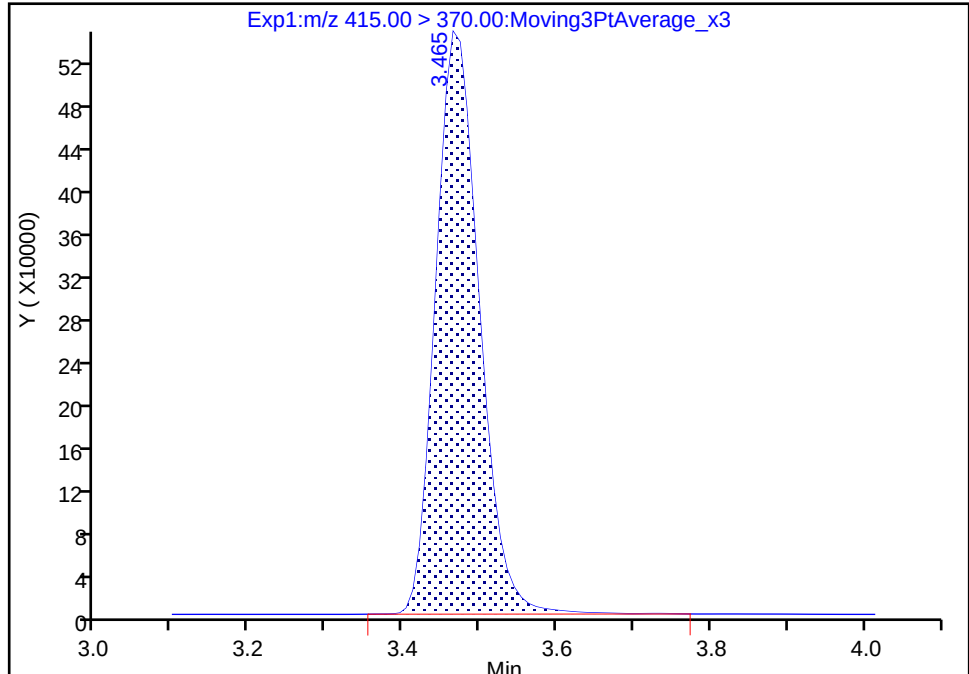
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D22.d		
Injection Date:	04-Aug-2022 23:26:08	Instrument ID:	LC812
Lims ID:	460-262853-A-2-A	Lab Sample ID:	200-262853-2
Client ID:	BCS-21-06 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	22
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	22

* 62 13C2 PFOA, CAS: STL00623

Signal: 1

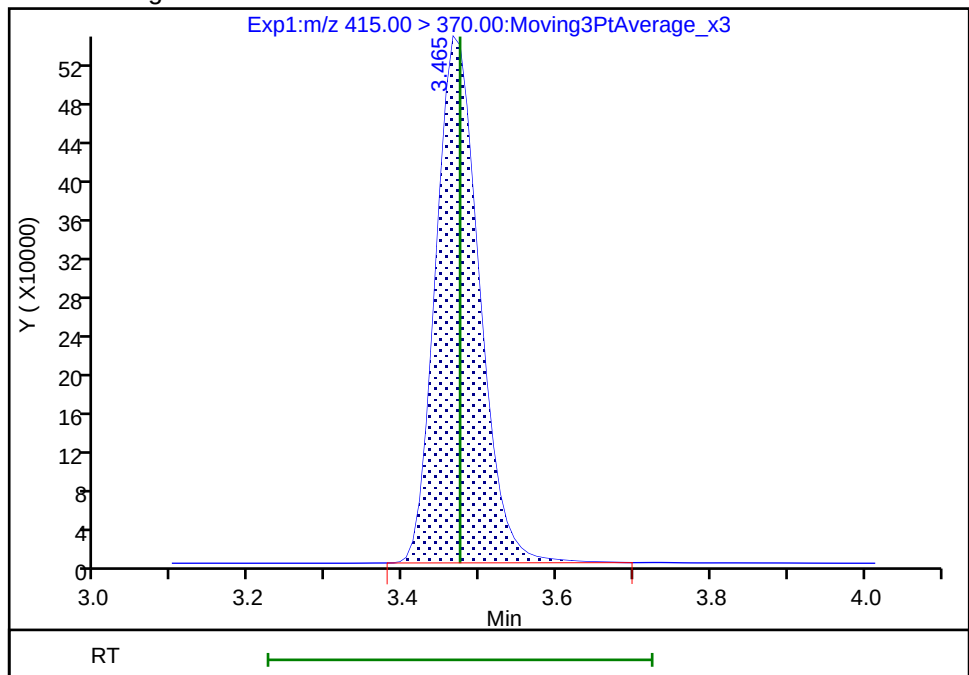
RT: 3.46
Area: 2160393
Amount: 1.250000
Amount Units: ng/ml

Processing Integration Results



RT: 3.46
Area: 2155545
Amount: 1.250000
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:04:13

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Burlington</u>	Job No.: <u>460-262853-1</u>
SDG No.: _____	
Client Sample ID: <u>BCS-21-07 P (4-4.5)</u>	Lab Sample ID: <u>460-262853-3</u>
Matrix: <u>Solid</u>	Lab File ID: <u>PA220804D23.d</u>
Analysis Method: <u>537 (modified)</u>	Date Collected: <u>07/28/2022 13:55</u>
Extraction Method: <u>SHAKE</u>	Date Extracted: <u>08/04/2022 08:35</u>
Sample wt/vol: <u>5.29(g)</u>	Date Analyzed: <u>08/04/2022 23:34</u>
Con. Extract Vol.: <u>10(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>20(uL)</u>	GC Column: <u>C-18</u> ID: <u>4.6 (mm)</u>
% Moisture: <u>8.1</u> % Solids: <u>91.9</u>	GPC Cleanup: (Y/N) <u>N</u>
Cleanup Factor: _____	
Analysis Batch No.: <u>182390</u>	Units: <u>ug/Kg</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	0.51	U	0.51	0.34
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.21	U	0.21	0.057
307-24-4	Perfluorohexanoic acid (PFHxA)	0.21	U	0.21	0.047
375-85-9	Perfluoroheptanoic acid (PFHpA)	0.21	U	0.21	0.040
335-67-1	Perfluorooctanoic acid (PFOA)	0.062	J	0.21	0.060
375-95-1	Perfluorononanoic acid (PFNA)	0.040	J	0.21	0.035
335-76-2	Perfluorodecanoic acid (PFDA)	0.033	J	0.21	0.029
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.21	U	0.21	0.028
307-55-1	Perfluorododecanoic acid (PFDoA)	0.21	U	0.21	0.026
72629-94-8	Perfluorotridecanoic acid (PFTriA)	0.21	U	0.21	0.026
376-06-7	Perfluorotetradecanoic acid (PFTeA)	0.21	U	0.21	0.027
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.21	U	0.21	0.034
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	0.21	U	0.21	0.042
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	0.21	U	0.21	0.024
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.31		0.21	0.11
335-77-3	Perfluorodecanesulfonic acid (PFDS)	0.21	U	0.21	0.020
754-91-6	Perfluorooctanesulfonamide (FOSA)	0.21	U	0.21	0.035
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.06	U	2.06	0.11
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.06	U	2.06	0.085
27619-97-2	6:2 FTS	2.06	U	2.06	0.059
39108-34-4	8:2 FTS	2.06	U	2.06	0.038

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 460-262853-1

SDG No.: _____

Client Sample ID: BCS-21-07 P (4-4.5) Lab Sample ID: 460-262853-3

Matrix: Solid Lab File ID: PA220804D23.d

Analysis Method: 537 (modified) Date Collected: 07/28/2022 13:55

Extraction Method: SHAKE Date Extracted: 08/04/2022 08:35

Sample wt/vol: 5.29(g) Date Analyzed: 08/04/2022 23:34

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 20(uL) GC Column: C-18 ID: 4.6 (mm)

% Moisture: 8.1 % Solids: 91.9 GPC Cleanup: (Y/N) N

Cleanup Factor: _____

Analysis Batch No.: 182390 Units: ug/Kg

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00994	18O2 PFHxS	91		50-150
STL01892	13C4 PFHpA	98		50-150
STL00990	13C4 PFOA	97		50-150
STL00991	13C4 PFOS	89		50-150
STL00995	13C5 PFNA	97		50-150
STL00992	13C4 PFBA	97		50-150
STL00993	13C2 PFHxA	101		50-150
STL00996	13C2 PFDA	92		50-150
STL00997	13C2 PFUnA	92		50-150
STL00998	13C2 PFDoA	88		50-150
STL01056	13C8 FOSA	74		50-150
STL01893	13C5 PFPeA	101		50-150
STL02116	13C2 PFTeDA	98		50-150
STL02118	d3-NMeFOSAA	71		50-150
STL02117	d5-NEtFOSAA	76		50-150
STL02279	M2-6:2 FTS	93		50-150
STL02280	M2-8:2 FTS	89		50-150
STL02337	13C3 PFBS	91		50-150

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d
 Lims ID: 460-262853-A-3-A
 Client ID: BCS-21-07 P (4-4.5)
 Sample Type: Client
 Inject. Date: 04-Aug-2022 23:34:20 ALS Bottle#: 23 Worklist Smp#: 23
 Injection Vol: 20.0 ul Dil. Factor: 1.0000
 Sample Info: 460-262853-A-3-A
 Misc. Info.: 200-0051964-023 Plate: 1 Rack: 4
 Operator ID: lc812tech Instrument ID: LC812
 Method: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PFC_LC812.m
 Limit Group: LC_PFC_ICAL
 Last Update: 08-Aug-2022 12:20:08 Calib Date: 03-Aug-2022 13:41:11
 Integrator: Picker
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
 Column 1 : C-18 (4.60 mm) Det: EXP1
 Process Host: CTX1679

First Level Reviewer: nampitakw

Date: 05-Aug-2022 14:16:06

Ratio Calibration: Initial Calibration Level: 4

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	2.077	2.076	0.001	0.599	1957043	1.21		96.6	10272	
2 Perfluorobutanoic acid										M
212.90 > 169.00	2.085	2.085	0.0	1.004	15182	0.0100			1.4	M
D 3 13C5 PFPeA										
267.90 > 223.00	2.375	2.400	-0.025	0.685	1566883	1.26		101	2668	
4 Perfluoropentanoic acid										M
262.90 > 219.00	2.375	2.400	-0.025	1.000	8623	0.006673			0.3	M
D 47 13C3 PFBS										M
301.90 > 80.00	2.402	2.413	-0.011	0.693	1525749	1.06		91.0	162325	M
5 Perfluorobutanesulfonic acid										M
298.90 > 80.00	2.402	2.413	-0.011	1.000	2279	0.001573	Target=2.23		2.6	
298.90 > 99.00	2.388	2.413	-0.025	0.994	1171		1.95(1.11-3.34)		0.7	M
6 Perfluorohexanoic acid										RM
313.00 > 269.00	2.740	2.750	-0.010	1.004	5868	0.004494	Target=12.24		1.1	RM
313.00 > 119.00	2.716	2.750	-0.034	0.996	991		5.92(6.12-18.36)		1.3	M
D 7 13C2 PFHxA										M
315.00 > 270.00	2.728	2.750	-0.022	0.787	1564191	1.26		101	2313	M
D 11 18O2 PFHxS										M
403.00 > 84.00	3.101	3.110	-0.009	0.894	1095539	1.08		91.3	2164	M
8 Perfluorohexanesulfonic acid										M
399.00 > 80.00	3.101	3.110	-0.009	1.000	5912	0.005786	Target=3.43		16.7	M
399.00 > 99.00	3.112	3.110	0.002	1.004	2089		2.83(1.72-5.15)		2.4	M
D 9 13C4 PFHpA										M
367.00 > 322.00	3.112	3.121	-0.009	0.898	1579379	1.22		97.9	1678	M
10 Perfluoroheptanoic acid										M
363.00 > 319.00	3.112	3.121	-0.009	1.000	4563	0.003504	Target=3.73		1.4	M
363.00 > 169.00	3.101	3.121	-0.020	0.996	1520		3.00(1.86-5.59)		4.0	M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 12 M2-6:2 FTS										M
429.00 > 81.00	3.459	3.465	-0.006	0.997	186809	1.10		92.6	433	M
13 1H,1H,2H,2H-perfluorooctanesulfo										M
427.00 > 407.00	3.459	3.465	-0.006	1.000	411	-0.0150			4.1	M
16 Perfluoroheptanesulfonic acid										M
449.00 > 80.00	3.459	3.465	-0.006	0.913	971	0.001160	Target=4.89		4.3	M
449.00 > 99.00	3.467	3.465	0.002	0.916	206		4.71(2.44-7.33)		2.3	M
15 Perfluorooctanoic acid										M
413.00 > 369.00	3.467	3.474	-0.007	1.000	43373	0.0302	Target=2.67		5.0	M
413.00 > 169.00	3.467	3.474	-0.007	1.000	14322		3.03(1.34-4.01)		28.4	M
D 14 13C4 PFOA										M
417.00 > 372.00	3.467	3.474	-0.007	1.000	1602305	1.21		96.9	2137	M
* 62 13C2 PFOA										M
415.00 > 370.00	3.467	3.474	-0.007		1735997	1.25			2061	M
17 Perfluorooctanesulfonic acid										M
499.00 > 80.00	3.786	3.792	-0.006	1.000	114784	0.1518	Target=4.88		79.2	M
499.00 > 99.00	3.786	3.792	-0.006	1.000	23573		4.87(2.44-7.32)		83.6	M
D 18 13C4 PFOS										M
503.00 > 80.00	3.786	3.792	-0.006	1.092	809429	1.07		89.4	1868	M
20 Perfluorononanoic acid										M
463.00 > 419.00	3.805	3.812	-0.007	1.000	26100	0.0193	Target=8.23		9.2	M
463.00 > 169.00	3.805	3.812	-0.007	1.000	3157		8.27(4.11-12.34)		37.6	M
D 19 13C5 PFNA										M
468.00 > 423.00	3.805	3.812	-0.007	1.098	1659712	1.21		96.7	3510	M
24 Perfluorodecanoic acid										M
513.00 > 469.00	4.118	4.116	0.002	1.000	20795	0.0160	Target=9.67		14.0	M
513.00 > 169.00	4.107	4.116	-0.009	0.997	2346		8.86(4.83-14.50)		16.9	M
D 23 13C2 PFDA										M
515.00 > 470.00	4.118	4.116	0.002	1.188	1545117	1.16		92.5	1696	M
25 1H,1H,2H,2H-perfluorodecanesulfo										M
527.00 > 507.00	4.107	4.127	-0.020	0.997	241	0.001377			3.5	M
D 26 M2-8:2 FTS										M
529.00 > 81.00	4.118	4.127	-0.009	1.188	217048	1.06		88.7	534	M
D 21 13C8 FOSA										M
506.00 > 78.00	4.153	4.161	-0.008	1.198	1085148	0.9276		74.2	1446	M
22 Perfluorooctanesulfonamide										M
498.00 > 78.00	4.153	4.161	-0.008	1.000	1014	0.001146			5.7	M
28 N-methylperfluorooctanesulfonami										M
570.00 > 419.00	4.242	4.261	-0.019	0.995	96	0.000845			0.4	M
D 27 d3-NMeFOSAA										M
573.00 > 419.00	4.265	4.261	0.004	1.230	159888	0.8925		71.4	2376	M
29 Perfluorodecanesulfonic acid										M
599.00 > 80.00	4.368	4.365	0.003	1.154	3517	0.008911	Target=2.80		3.0	M
599.00 > 99.00	4.346	4.365	-0.019	1.148	2372		1.48(1.40-4.20)		9.6	M
D 30 13C2 PFUnA										M
565.00 > 520.00	4.391	4.387	0.004	1.266	1159215	1.14		91.6	1817	M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
31 Perfluoroundecanoic acid										M
563.00 > 519.00	4.391	4.387	0.004	1.000	2955	0.003008	Target=9.07		2.6	M
563.00 > 169.00	4.391	4.387	0.004	1.000	339		8.72(4.54-13.61)		6.0	M
33 N-ethylperfluorooctanesulfonamid										M
584.00 > 419.00	4.391	4.399	-0.008	0.997	394	0.003349			4.3	M
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.402	4.399	0.003	1.270	161963	0.9551		76.4	978	
D 36 13C2 PFDaA										M
615.00 > 570.00	4.634	4.633	0.001	1.337	1157839	1.10		88.3	1795	M
37 Perfluorododecanoic acid										M
613.00 > 569.00	4.624	4.633	-0.009	0.998	2436	0.002593	Target=6.97		0.6	M
613.00 > 169.00	4.634	4.633	0.001	1.000	280		8.70(3.48-10.45)		5.2	M
41 Perfluorotridecanoic acid										M
663.00 > 619.00	4.849	4.859	-0.010	1.046	903	0.001109	Target=4.56		0.3	M
663.00 > 169.00	4.849	4.859	-0.010	1.046	322		2.80(2.28-6.84)		4.7	M
D 43 13C2 PFTeDA										M
715.00 > 670.00	5.063	5.052	0.011	1.460	1046724	1.22		97.6	2849	M
42 Perfluorotetradecanoic acid										M
713.00 > 169.00	5.053	5.052	0.001	0.998	356	0.002654	Target=0.94		7.1	M
713.00 > 219.00	5.063	5.052	0.011	1.000	307		1.16(0.47-1.41)		7.2	M

QC Flag Legend

Processing Flags

R - Failed Signal Ratio Test

Review Flags

M - Manually Integrated

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d

Injection Date: 04-Aug-2022 23:34:20

Instrument ID: LC812

Lims ID: 460-262853-A-3-A

Lab Sample ID: 200-262853-3

Client ID: BCS-21-07 P (4-4.5)

Operator ID: lc812tech

ALS Bottle#: 23

Worklist Smp#: 23

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

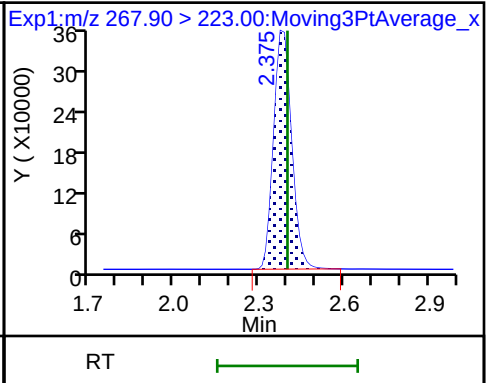
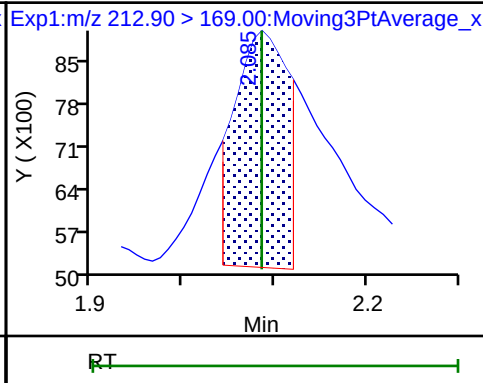
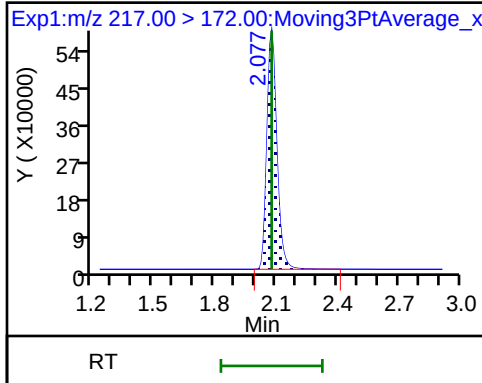
Method: PFC_LC812

Limit Group: LC_PFC_ICAL

D 1 13C4 PFBA

2 Perfluorobutanoic acid (M)

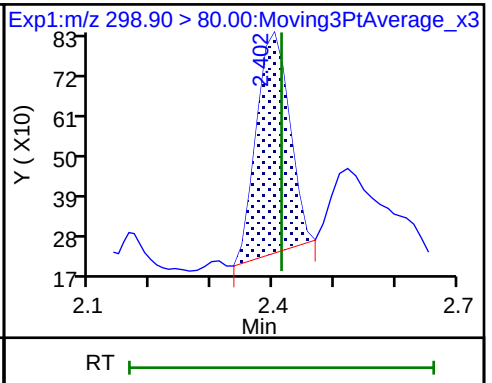
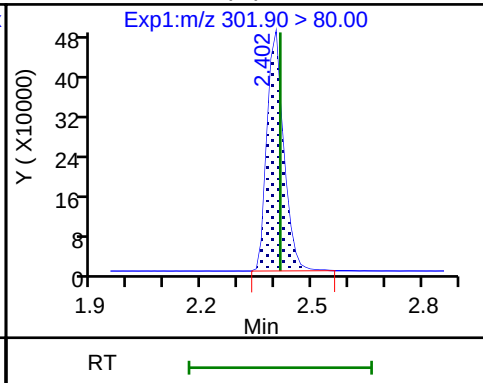
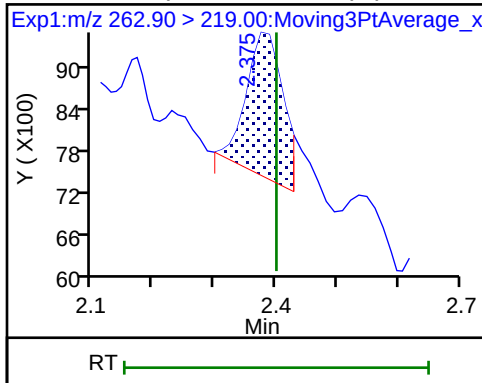
D 3 13C5 PFPeA



4 Perfluoropentanoic acid (M)

D 47 13C3 PFBS (M)

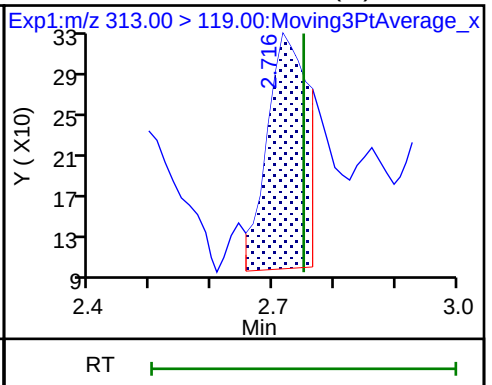
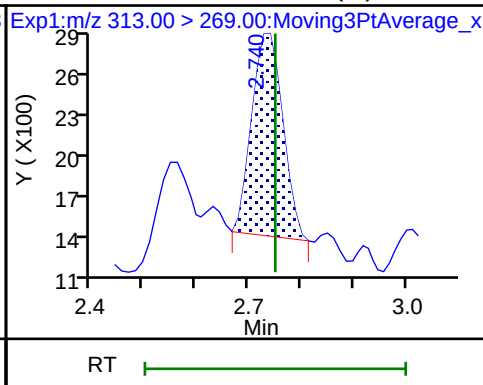
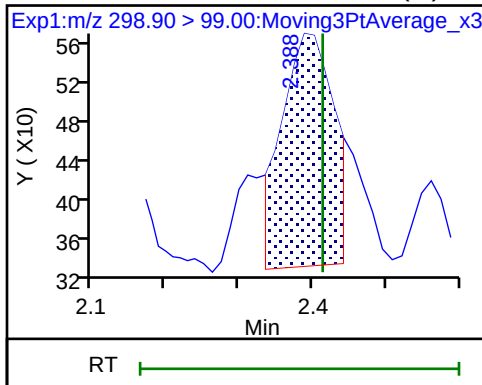
5 Perfluorobutanesulfonic acid



5 Perfluorobutanesulfonic acid (M)

6 Perfluorohexanoic acid (M)

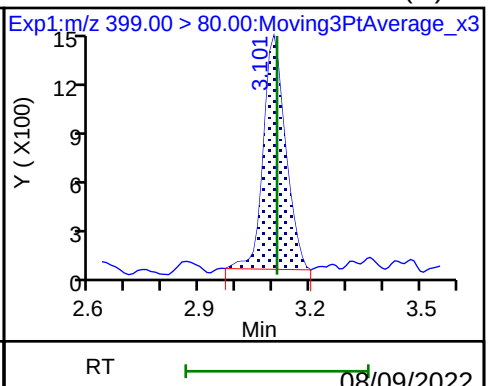
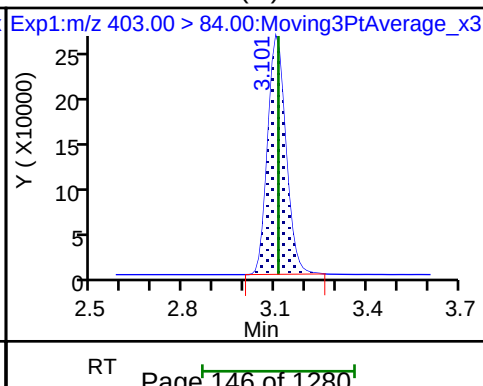
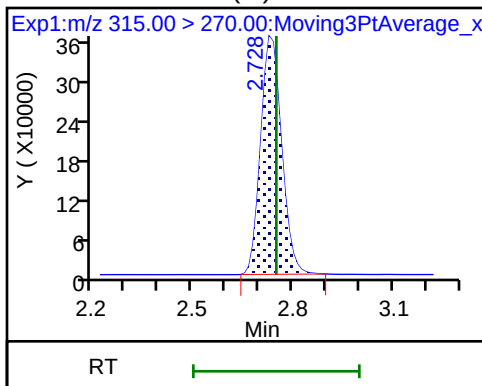
6 Perfluorohexanoic acid (M)

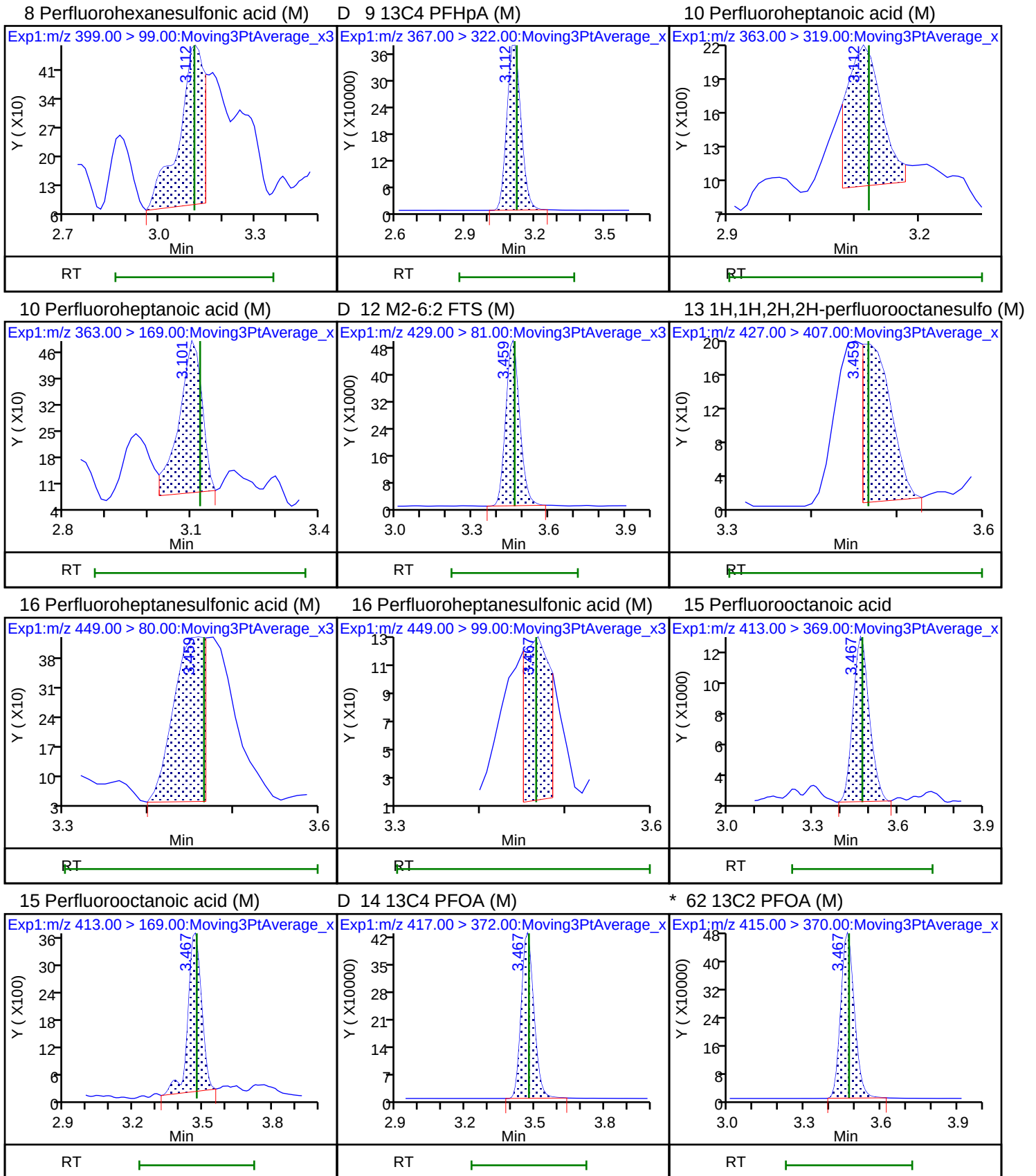


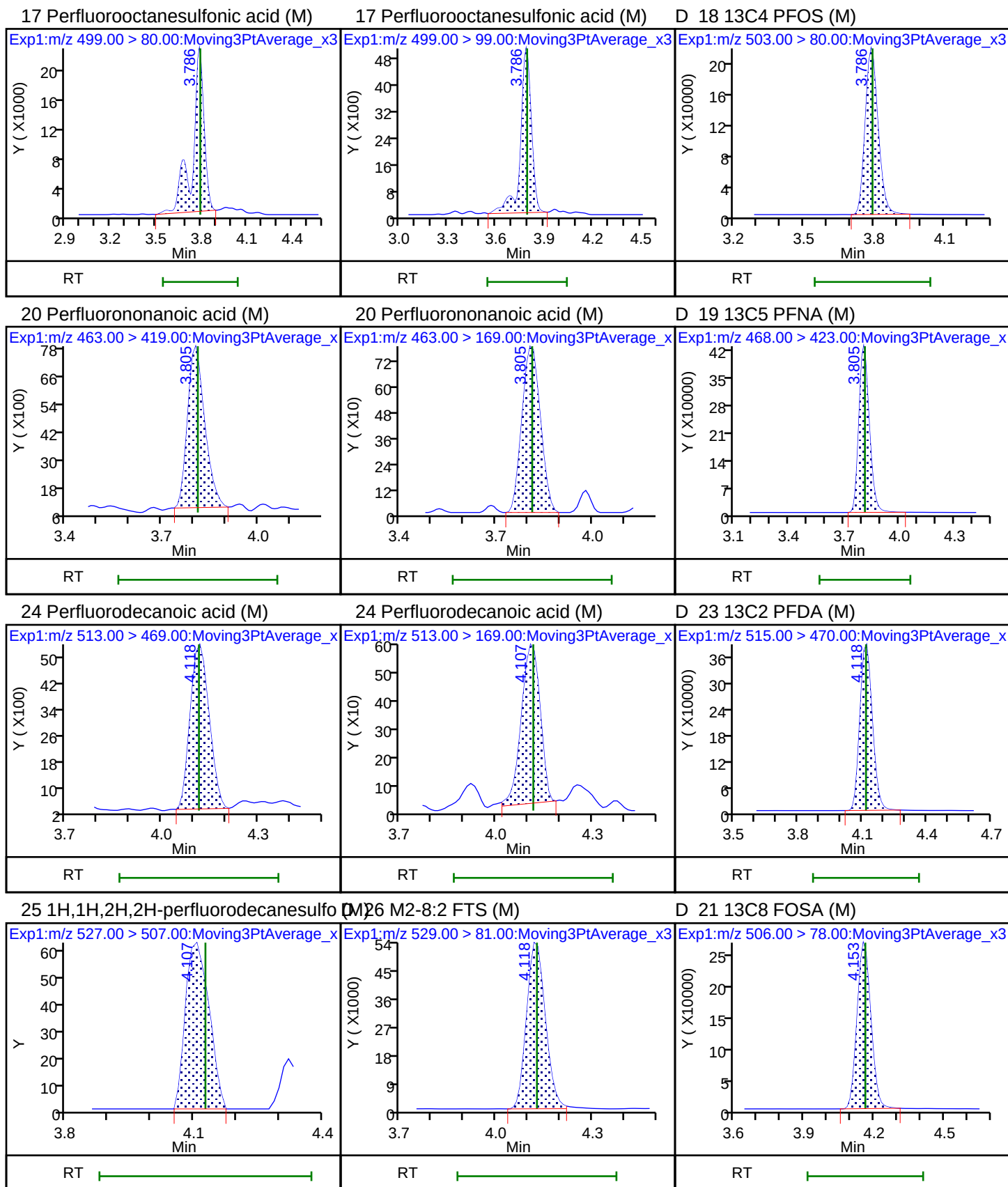
D 7 13C2 PFHxA (M)

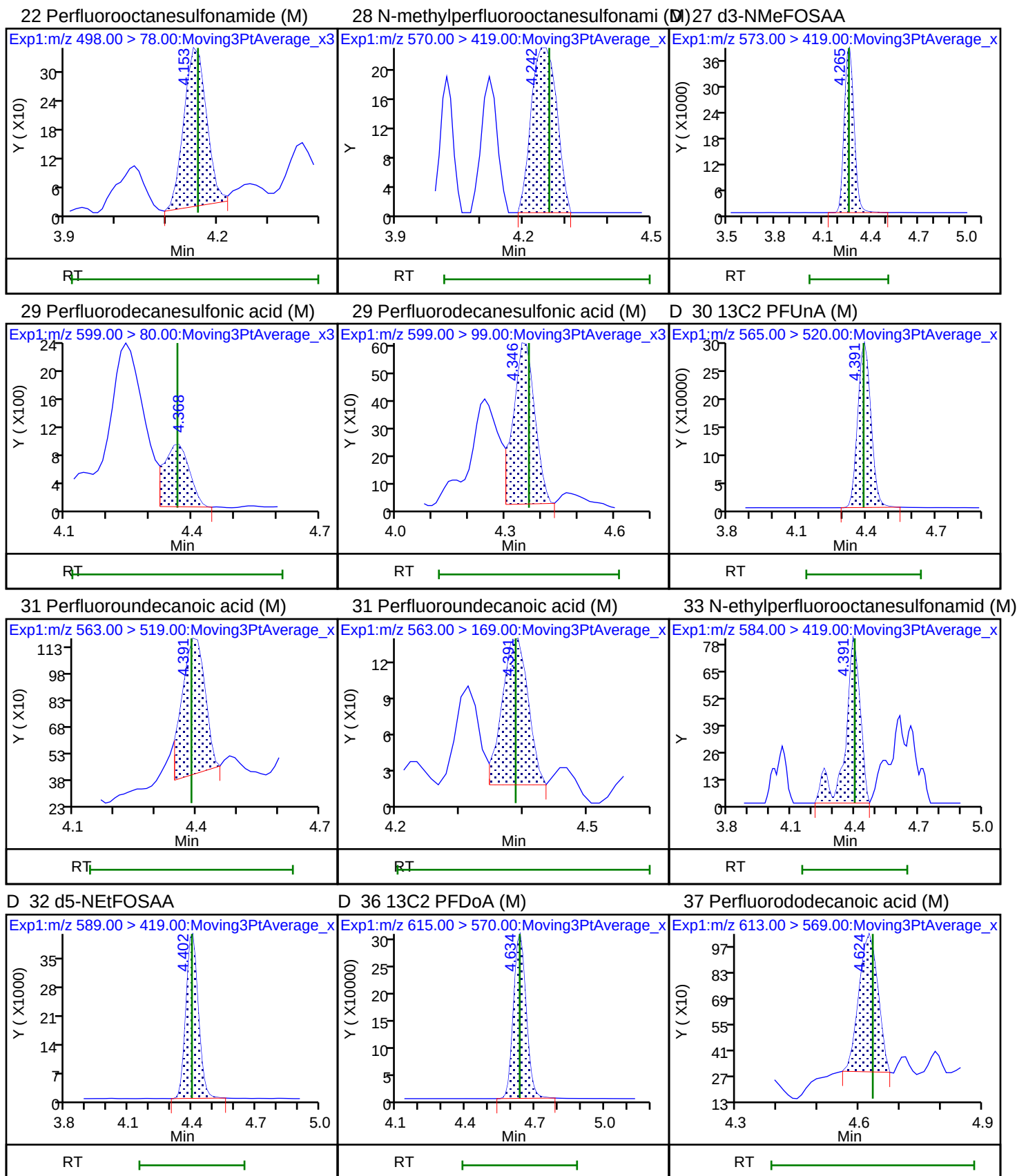
D 11 18O2 PFHxS (M)

8 Perfluorohexanesulfonic acid (M)

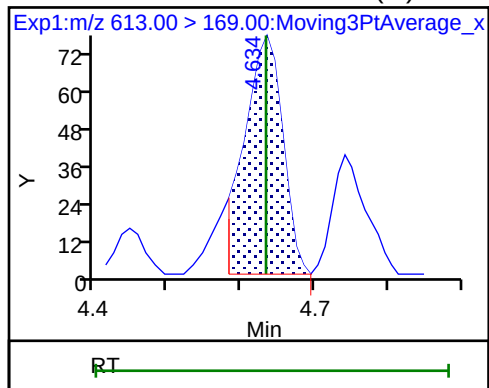




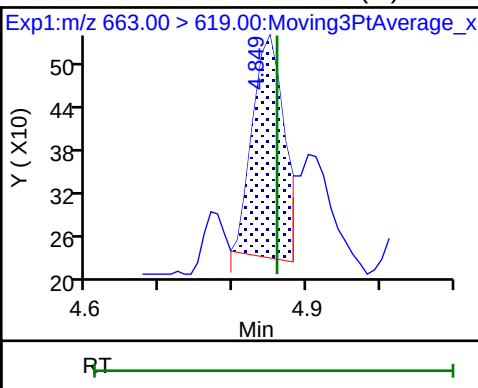




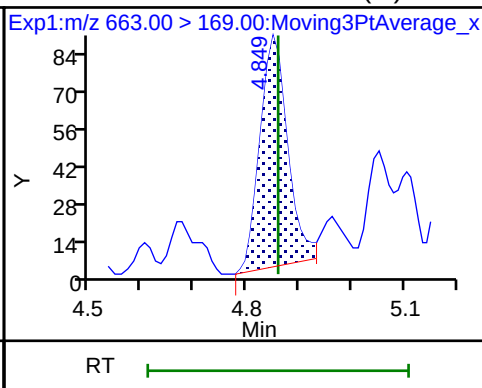
37 Perfluorododecanoic acid (M)



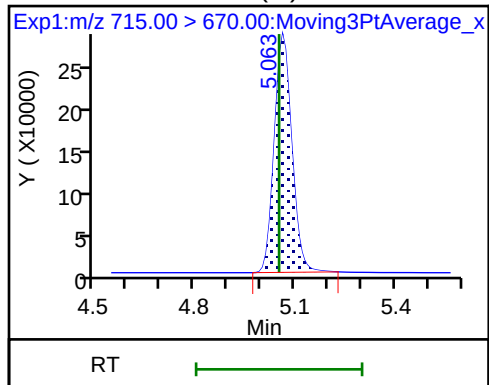
41 Perfluorotridecanoic acid (M)



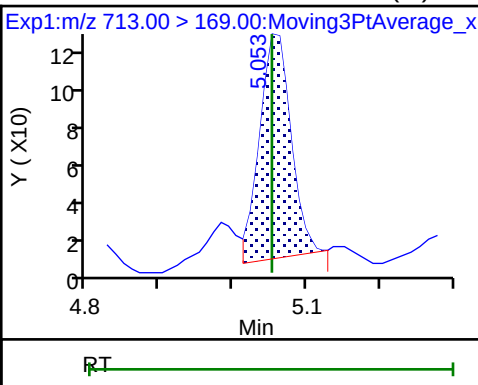
41 Perfluorotridecanoic acid (M)



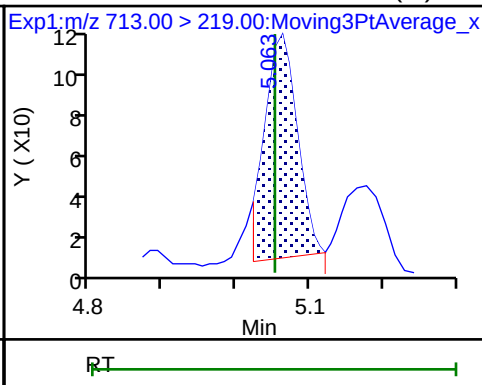
D 43 13C2 PFTeDA (M)



42 Perfluorotetradecanoic acid (M)



42 Perfluorotetradecanoic acid (M)



Eurofins Burlington

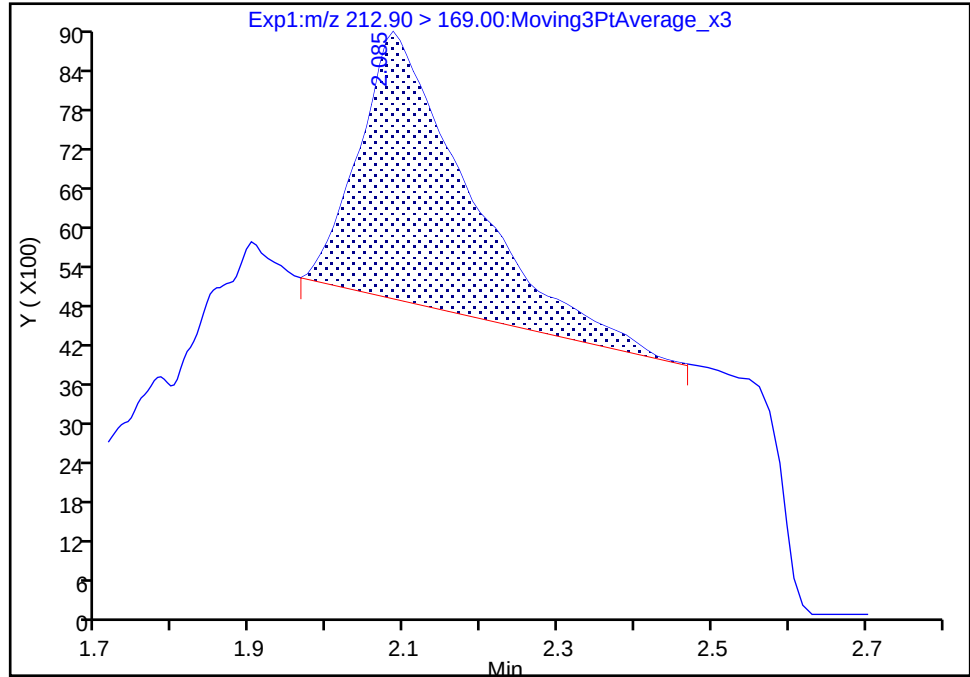
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Injection Date: 04-Aug-2022 23:34:20 Instrument ID: LC812
Lims ID: 460-262853-A-3-A Lab Sample ID: 200-262853-3
Client ID: BCS-21-07 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

2 Perfluorobutanoic acid, CAS: 375-22-4

Signal: 1

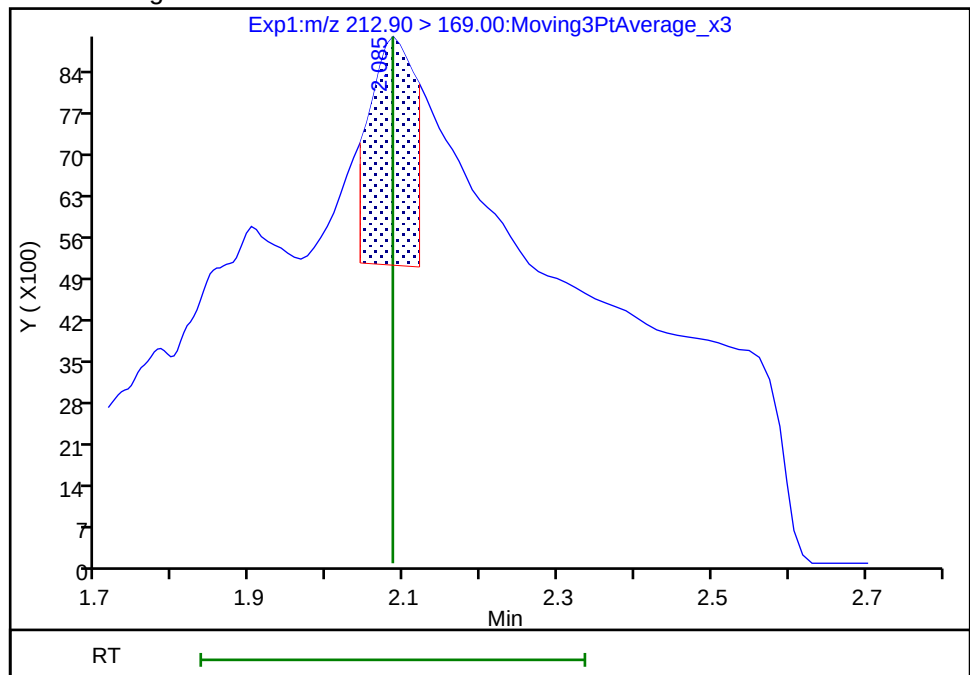
RT: 2.09
Area: 40530
Amount: 0.026696
Amount Units: ng/ml

Processing Integration Results



RT: 2.09
Area: 15182
Amount: 0.010000
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:10:16
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

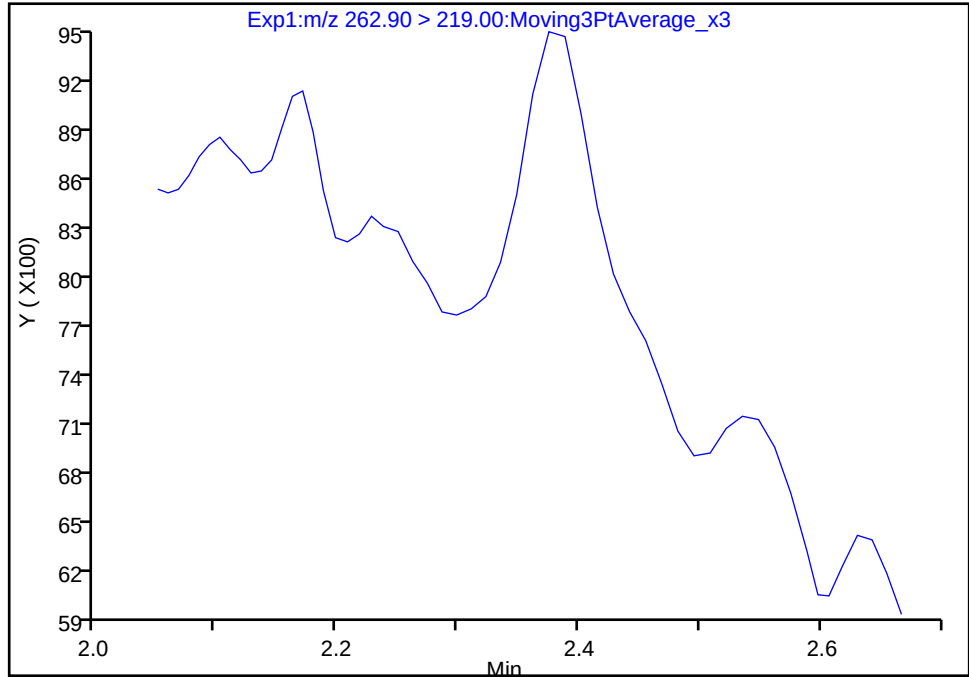
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d
Injection Date: 04-Aug-2022 23:34:20 Instrument ID: LC812
Lims ID: 460-262853-A-3-A Lab Sample ID: 200-262853-3
Client ID: BCS-21-07 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

4 Perfluoropentanoic acid, CAS: 2706-90-3

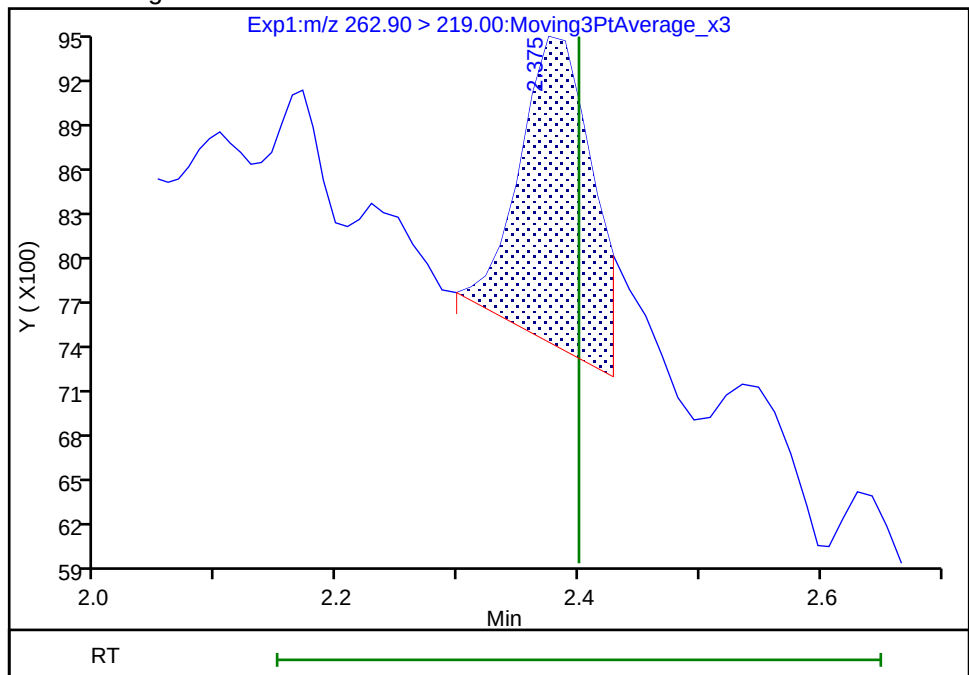
Signal: 1

Not Detected
Expected RT: 2.40

Processing Integration Results



Manual Integration Results



RT: 2.38
Area: 8623
Amount: 0.006673
Amount Units: ng/ml

Reviewer: nampitakw, 05-Aug-2022 14:10:27
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

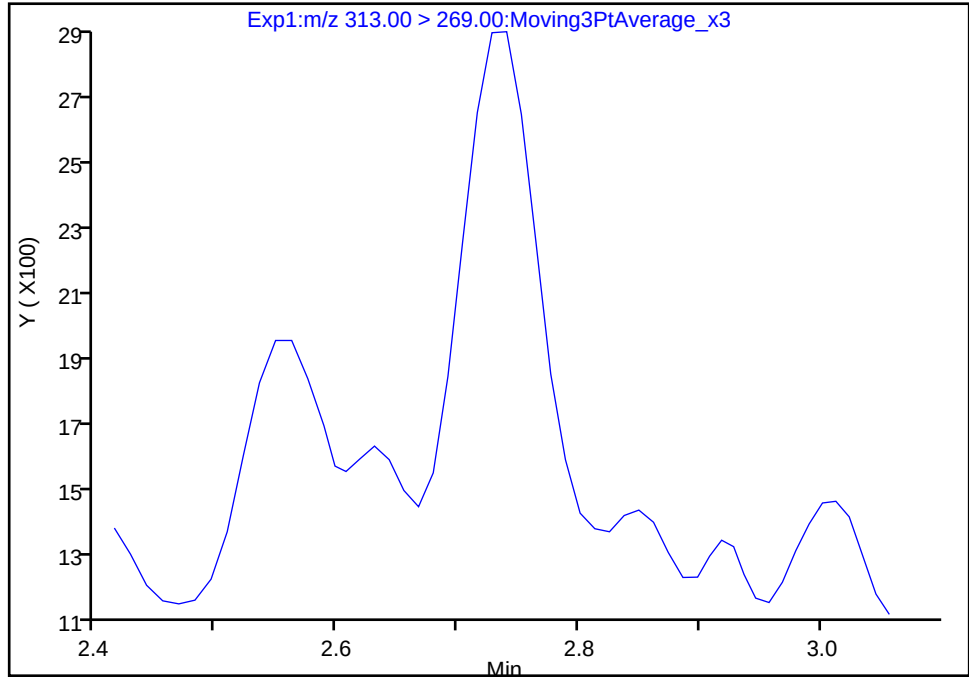
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Injection Date:	04-Aug-2022 23:34:20	Instrument ID:	LC812		
Lims ID:	460-262853-A-3-A	Lab Sample ID:	200-262853-3		
Client ID:	BCS-21-07 P (4-4.5)				
Operator ID:	lc812tech	ALS Bottle#:	23	Worklist Smp#:	23
Injection Vol:	20.0 ul	Dil. Factor:	1.0000		
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL		
Column:	C-18 (4.60 mm)	Detector	EXP1		

6 Perfluorohexanoic acid, CAS: 307-24-4

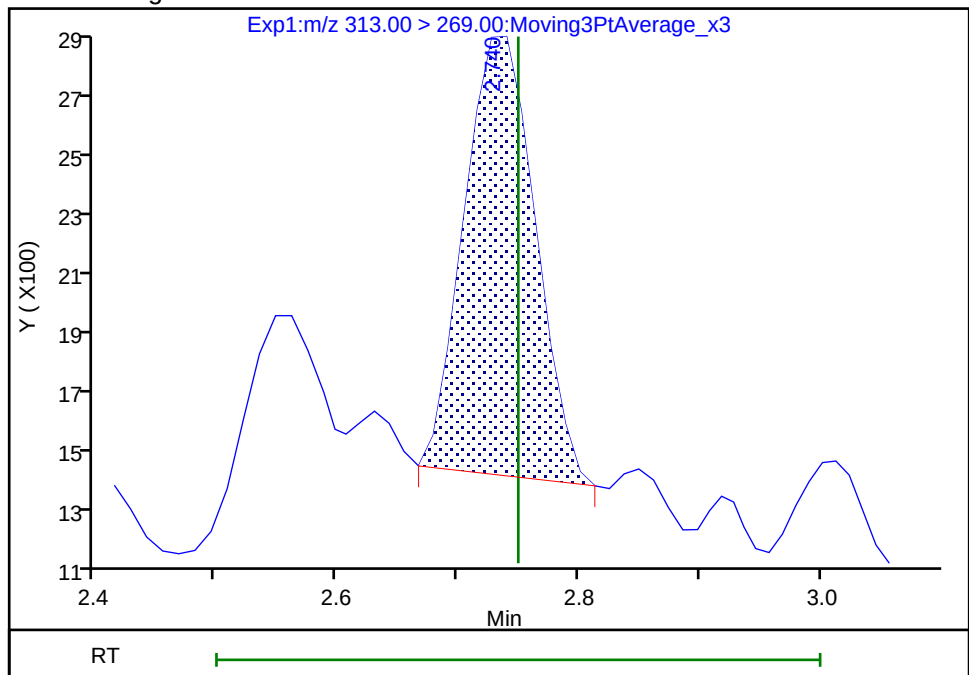
Signal: 1

Not Detected
Expected RT: 2.75

Processing Integration Results



Manual Integration Results



RT: 2.74
Area: 5868
Amount: 0.004494
Amount Units: ng/ml

Reviewer: FDT7, 08-Aug-2022 12:04:32
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

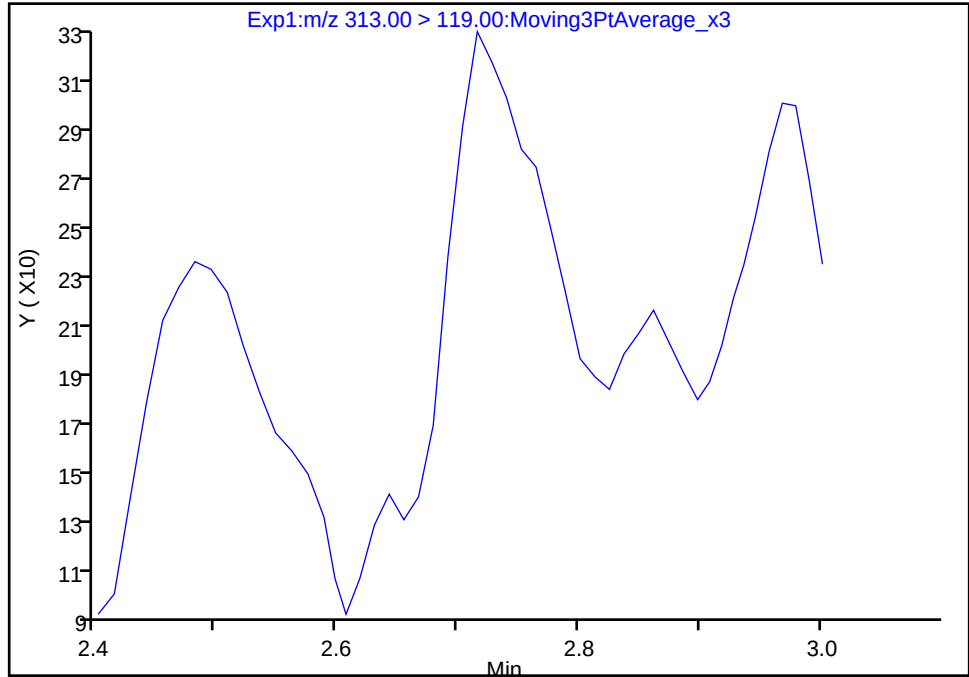
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d
Injection Date: 04-Aug-2022 23:34:20 Instrument ID: LC812
Lims ID: 460-262853-A-3-A Lab Sample ID: 200-262853-3
Client ID: BCS-21-07 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

6 Perfluorohexanoic acid, CAS: 307-24-4

Signal: 2

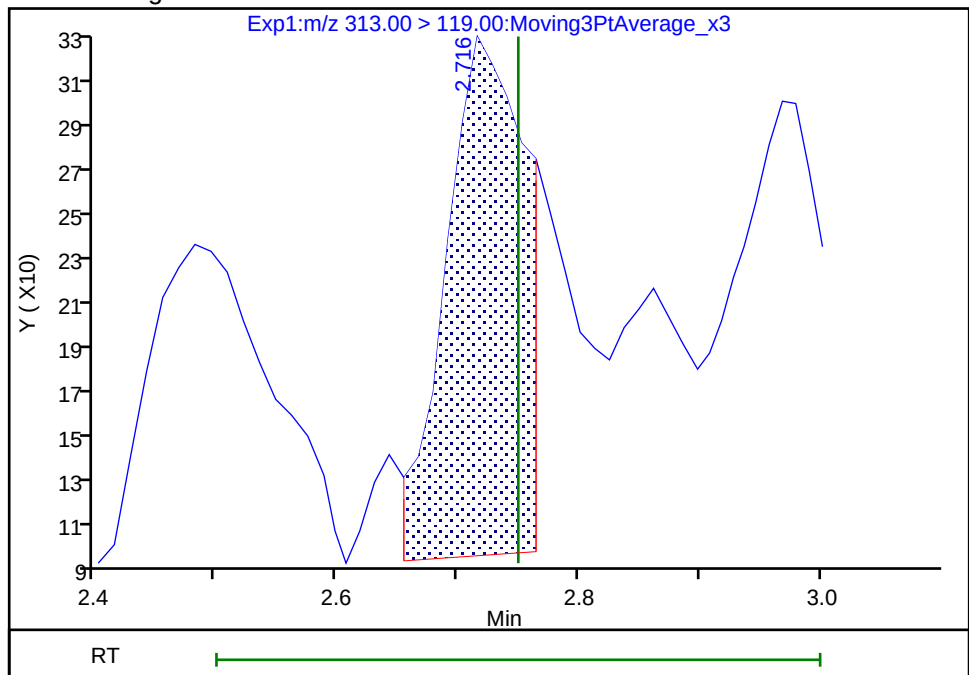
Not Detected
Expected RT: 2.75

Processing Integration Results



Manual Integration Results

RT: 2.72
Area: 991
Amount: 0.004494
Amount Units: ng/ml



Reviewer: FDT7, 08-Aug-2022 12:05:05

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

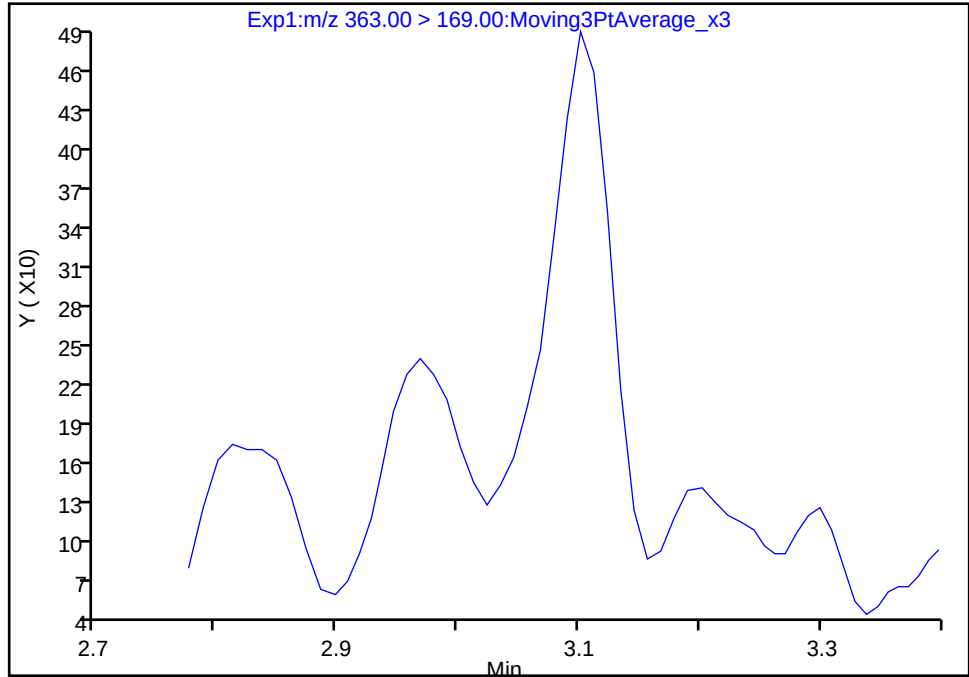
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d
Injection Date: 04-Aug-2022 23:34:20 Instrument ID: LC812
Lims ID: 460-262853-A-3-A Lab Sample ID: 200-262853-3
Client ID: BCS-21-07 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

10 Perfluoroheptanoic acid, CAS: 375-85-9

Signal: 2

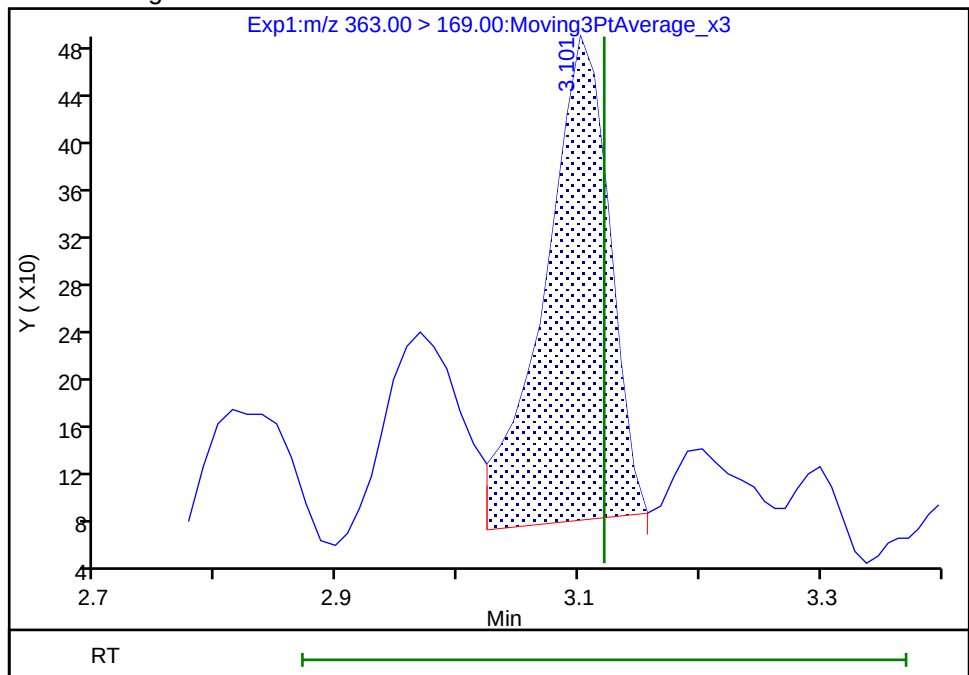
Not Detected
Expected RT: 3.12

Processing Integration Results



Manual Integration Results

RT: 3.10
Area: 1520
Amount: 0.003504
Amount Units: ng/ml



Reviewer: nampitakw, 05-Aug-2022 14:11:46

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

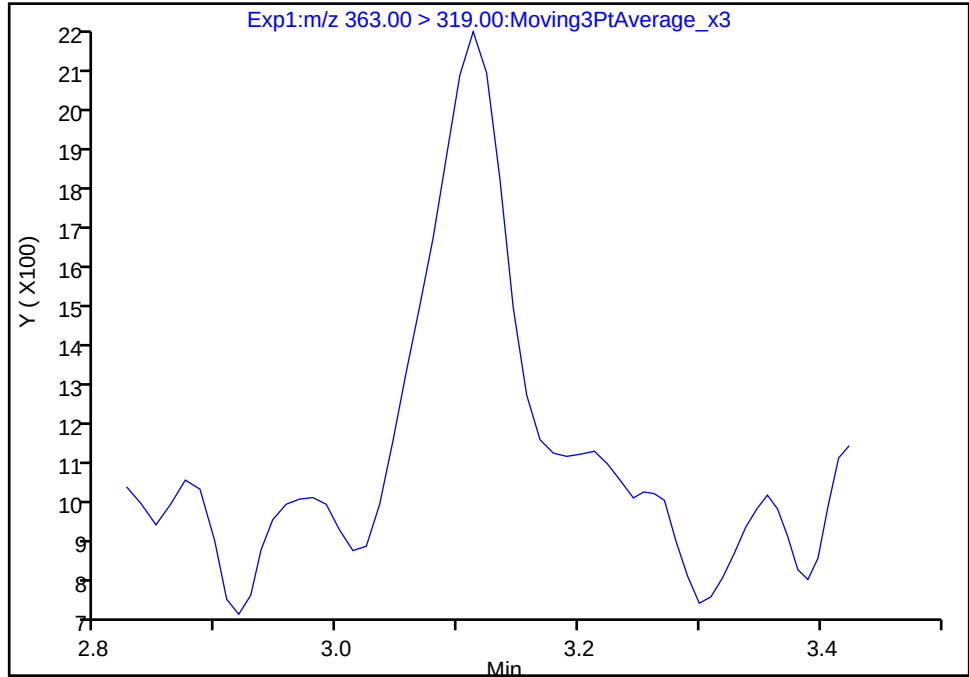
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Injection Date: 04-Aug-2022 23:34:20 Instrument ID: LC812
Lims ID: 460-262853-A-3-A Lab Sample ID: 200-262853-3
Client ID: BCS-21-07 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

10 Perfluoroheptanoic acid, CAS: 375-85-9

Signal: 1

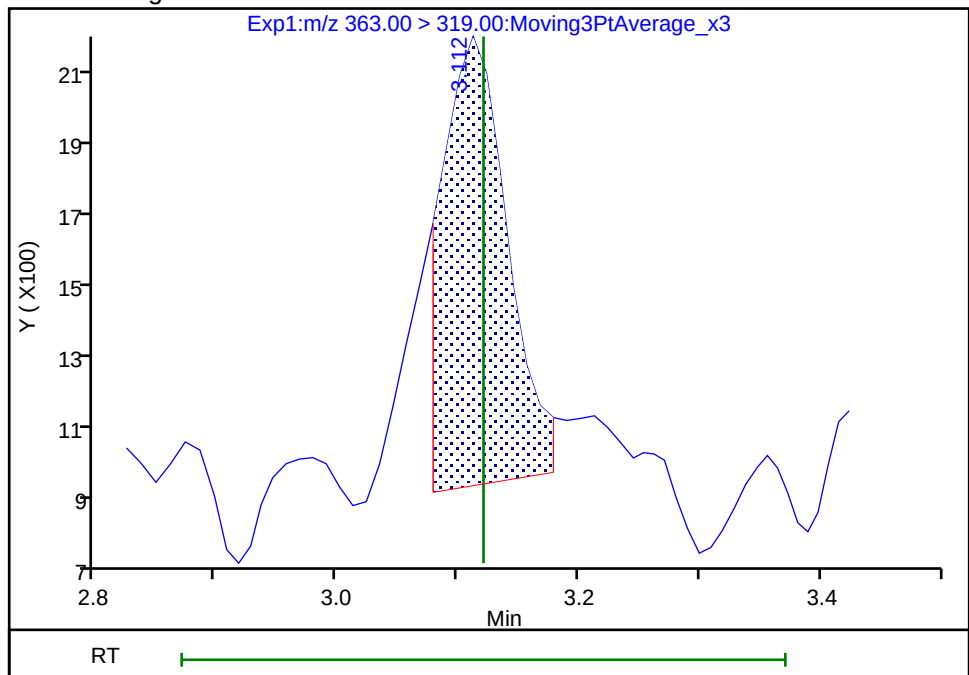
Not Detected
Expected RT: 3.12

Processing Integration Results



Manual Integration Results

RT: 3.11
Area: 4563
Amount: 0.003504
Amount Units: ng/ml



Reviewer: nampitakw, 05-Aug-2022 14:11:47

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

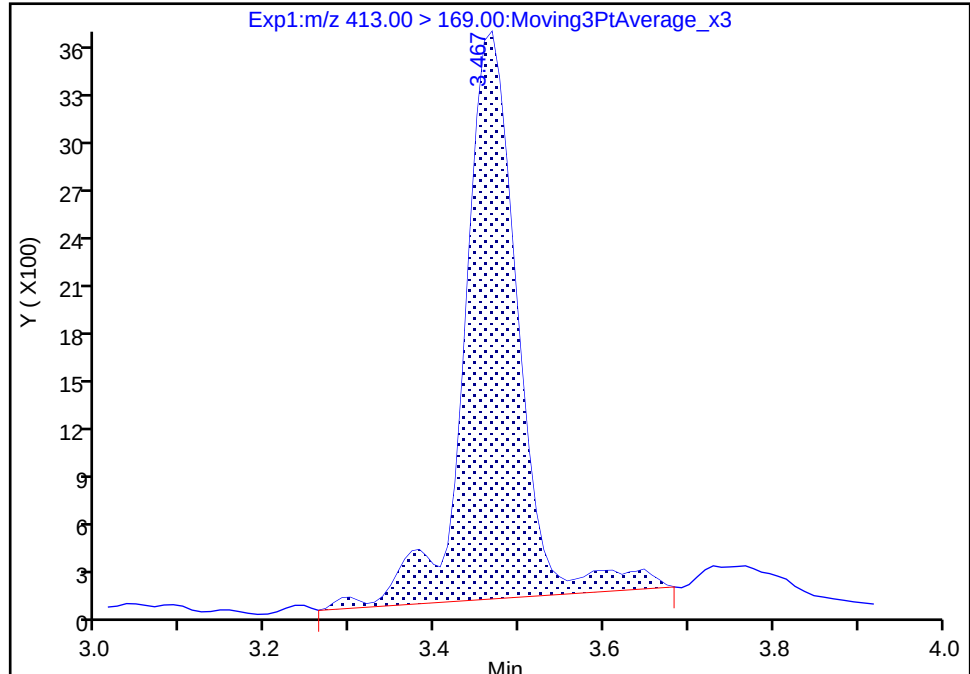
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d		
Injection Date:	04-Aug-2022 23:34:20	Instrument ID:	LC812
Lims ID:	460-262853-A-3-A	Lab Sample ID:	200-262853-3
Client ID:	BCS-21-07 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	23
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	23

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 2

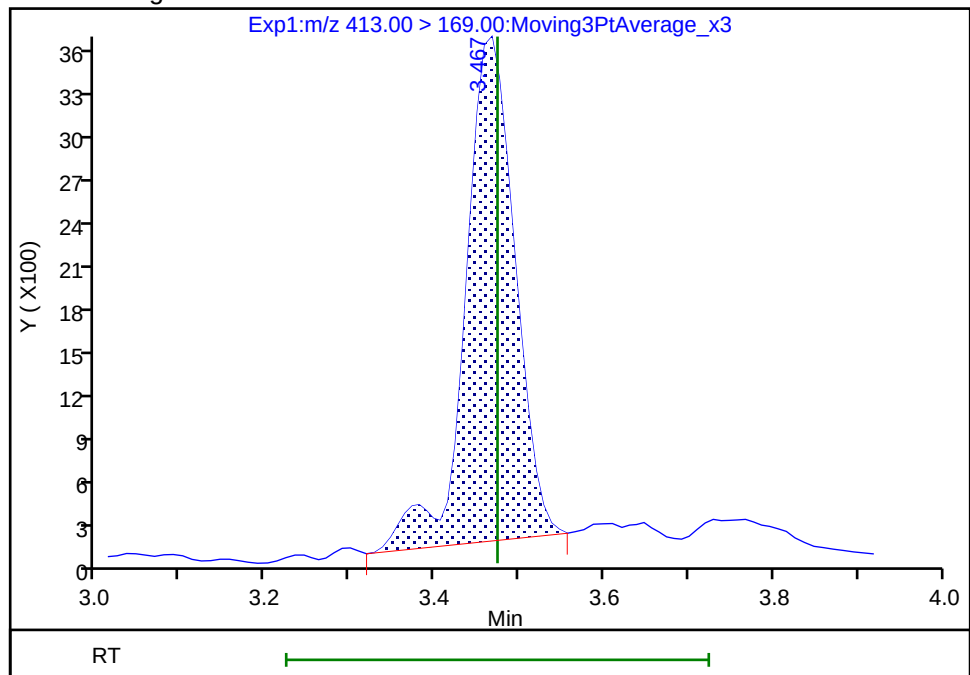
RT: 3.47
Area: 15910
Amount: 0.030048
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 14322
Amount: 0.030173
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:13:41
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

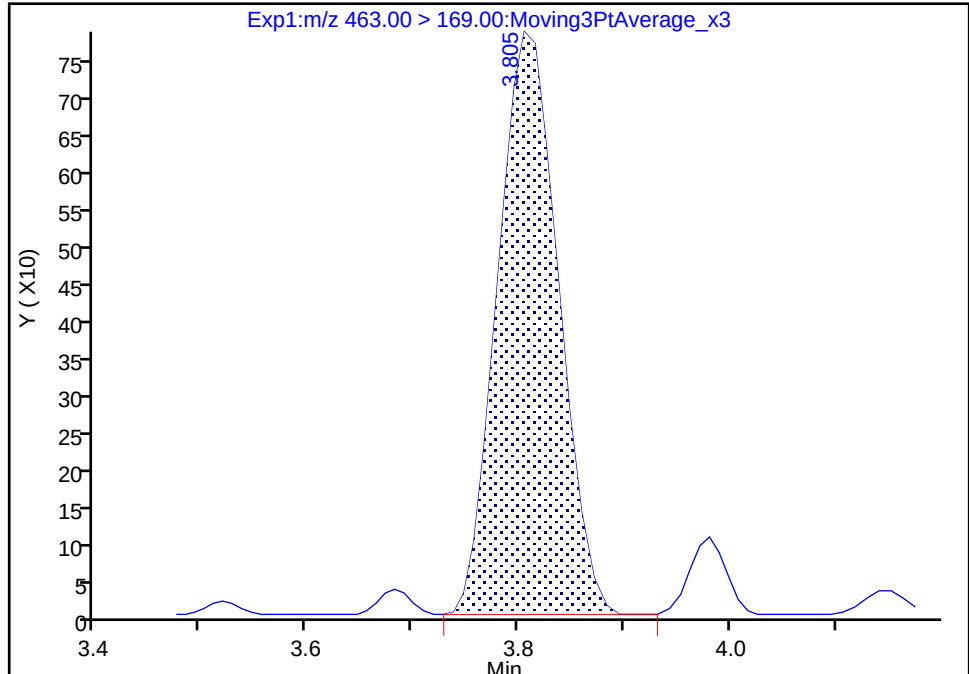
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Lims ID:	460-262853-A-3-A	Lab Sample ID:	200-262853-3		
Client ID:	BCS-21-07 P (4-4.5)				
Operator ID:	lc812tech	ALS Bottle#:	23	Worklist Smp#:	23
Injection Vol:	20.0 ul	Dil. Factor:	1.0000		
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL		
Column:	C-18 (4.60 mm)	Detector	EXP1		

20 Perfluorononanoic acid, CAS: 375-95-1

Signal: 2

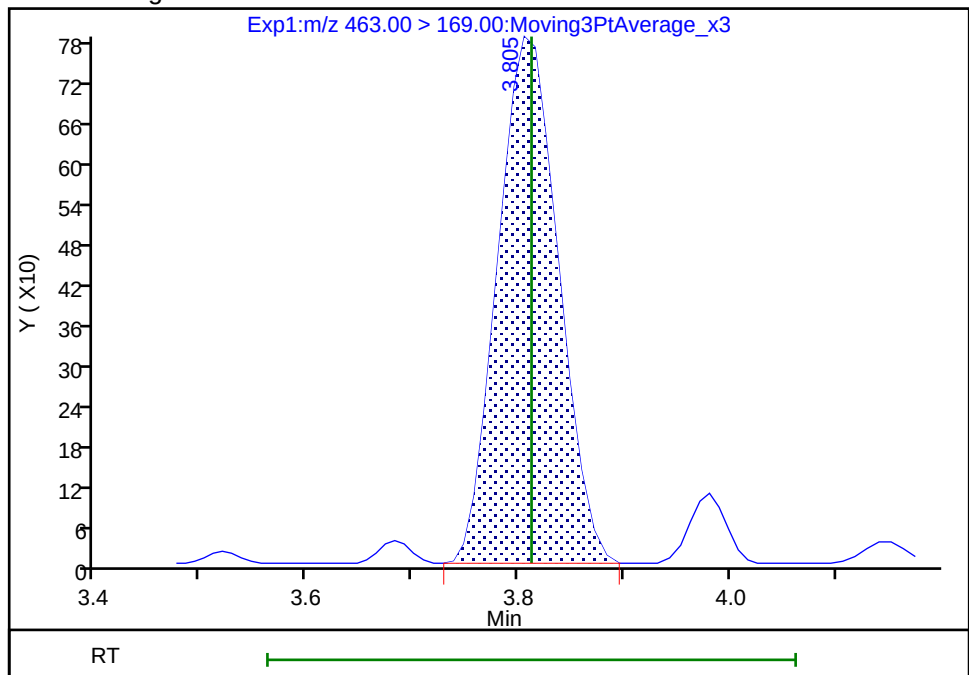
RT: 3.81
Area: 3157
Amount: 0.019560
Amount Units: ng/ml

Processing Integration Results



RT: 3.81
Area: 3157
Amount: 0.019319
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:14:01
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

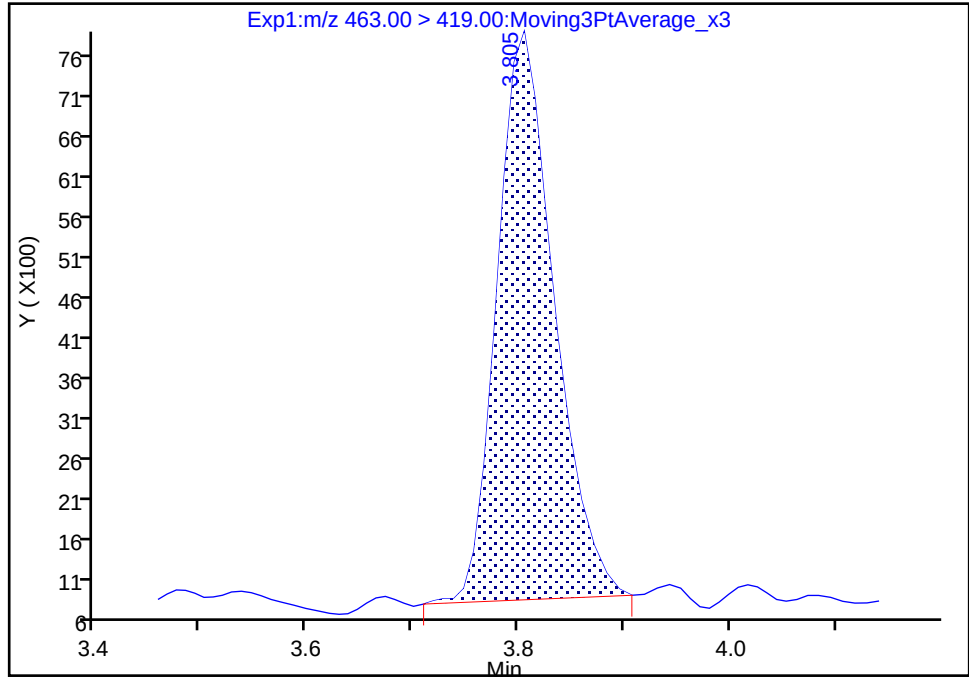
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d
Injection Date: 04-Aug-2022 23:34:20 Instrument ID: LC812
Lims ID: 460-262853-A-3-A Lab Sample ID: 200-262853-3
Client ID: BCS-21-07 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

20 Perfluorononanoic acid, CAS: 375-95-1

Signal: 1

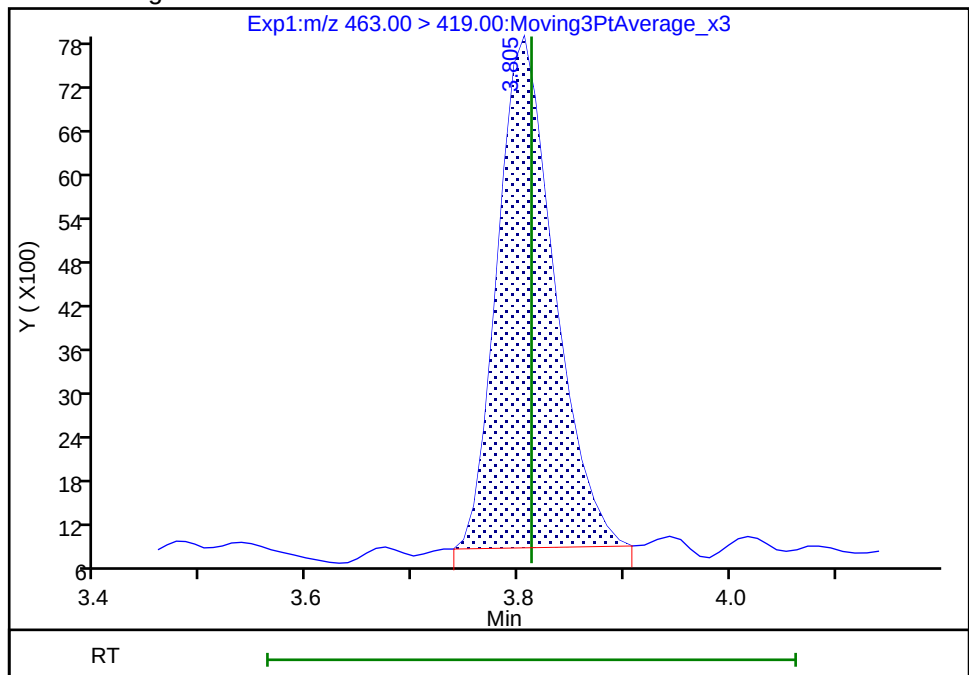
RT: 3.81
Area: 26425
Amount: 0.019560
Amount Units: ng/ml

Processing Integration Results



RT: 3.81
Area: 26100
Amount: 0.019319
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:14:05

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

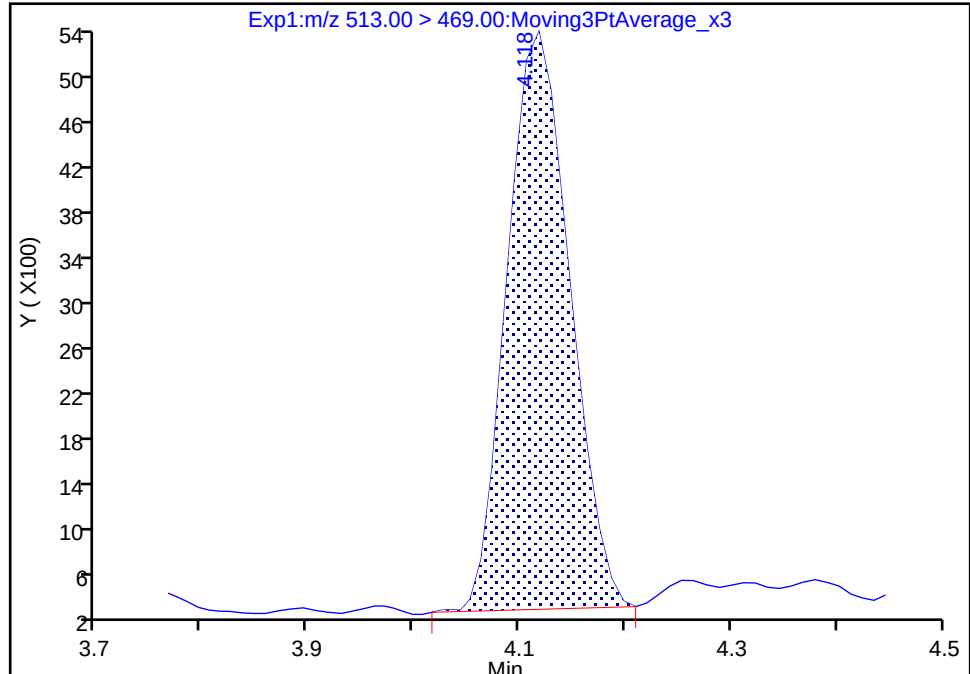
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Injection Date:	04-Aug-2022 23:34:20	Instrument ID:	LC812		
Lims ID:	460-262853-A-3-A	Lab Sample ID:	200-262853-3		
Client ID:	BCS-21-07 P (4-4.5)				
Operator ID:	lc812tech	ALS Bottle#:	23	Worklist Smp#:	23
Injection Vol:	20.0 ul	Dil. Factor:	1.0000		
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL		
Column:	C-18 (4.60 mm)	Detector	EXP1		

24 Perfluorodecanoic acid, CAS: 335-76-2

Signal: 1

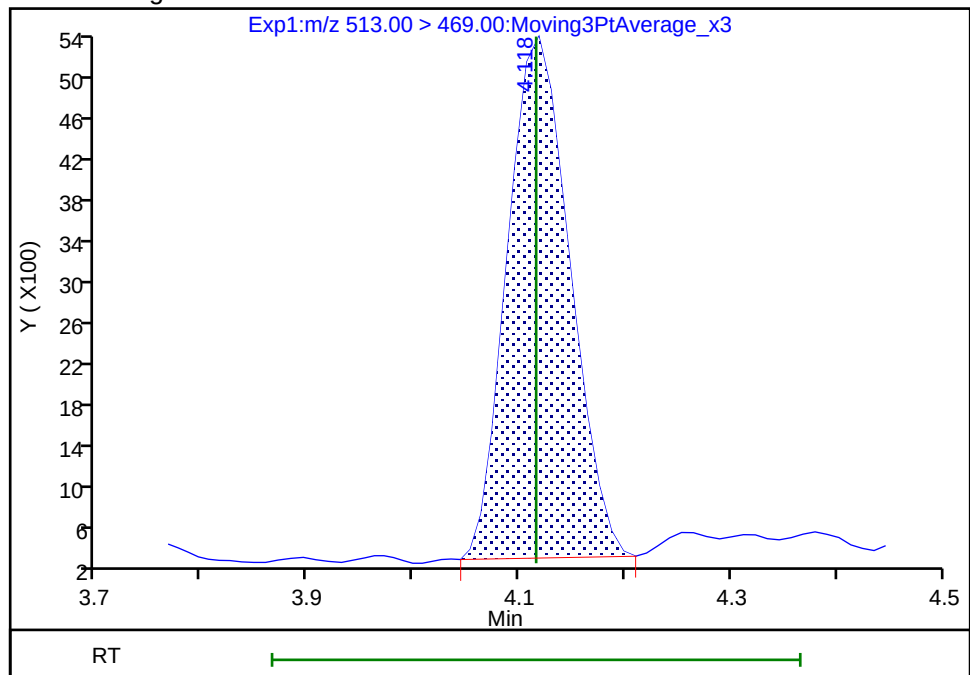
RT: 4.12
Area: 20871
Amount: 0.015955
Amount Units: ng/ml

Processing Integration Results



RT: 4.12
Area: 20795
Amount: 0.015996
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:14:10
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

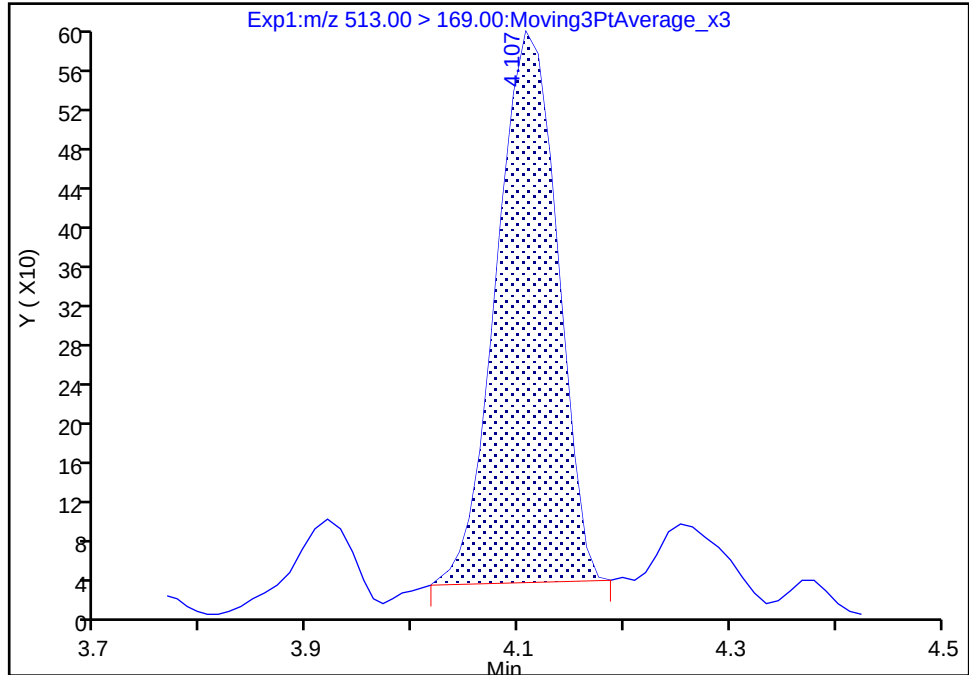
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d
Injection Date: 04-Aug-2022 23:34:20 Instrument ID: LC812
Lims ID: 460-262853-A-3-A Lab Sample ID: 200-262853-3
Client ID: BCS-21-07 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

24 Perfluorodecanoic acid, CAS: 335-76-2

Signal: 2

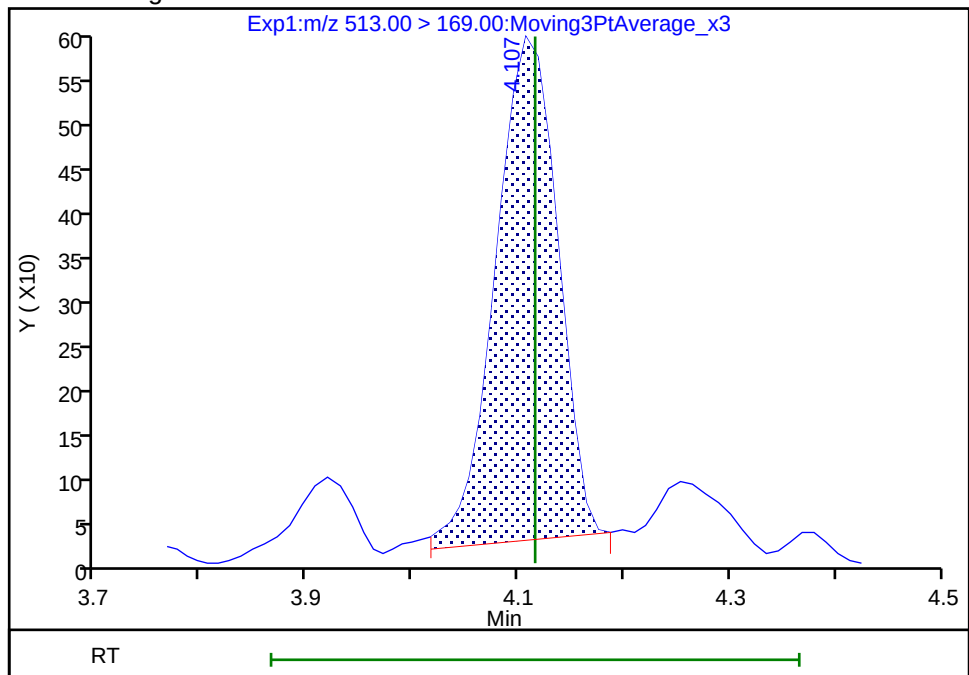
RT: 4.11
Area: 2275
Amount: 0.015955
Amount Units: ng/ml

Processing Integration Results



RT: 4.11
Area: 2346
Amount: 0.015996
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:14:18

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

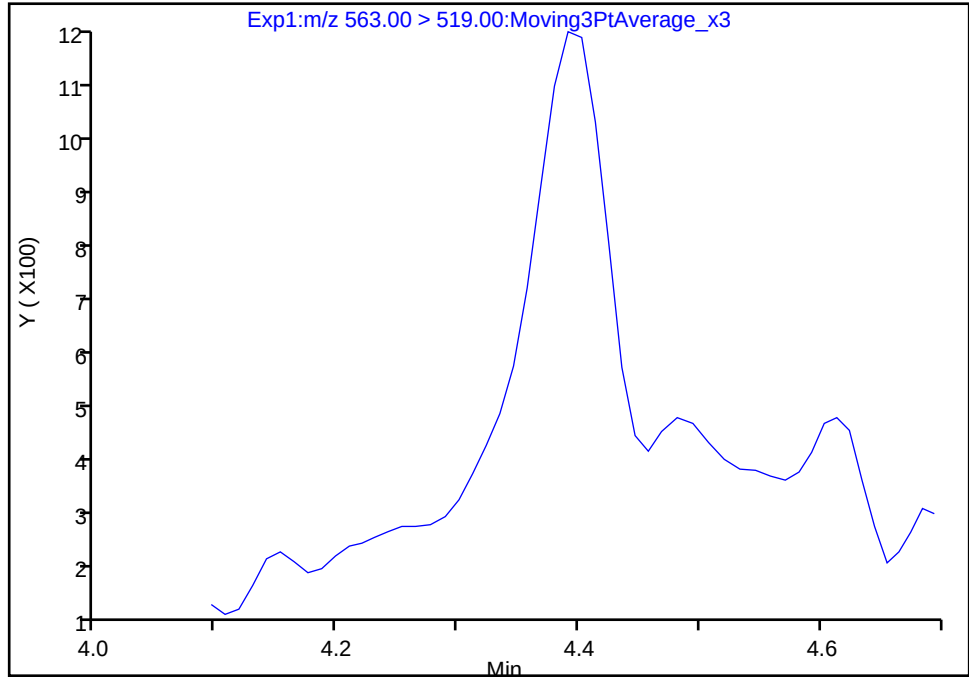
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d
Injection Date: 04-Aug-2022 23:34:20 Instrument ID: LC812
Lims ID: 460-262853-A-3-A Lab Sample ID: 200-262853-3
Client ID: BCS-21-07 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

31 Perfluoroundecanoic acid, CAS: 2058-94-8

Signal: 1

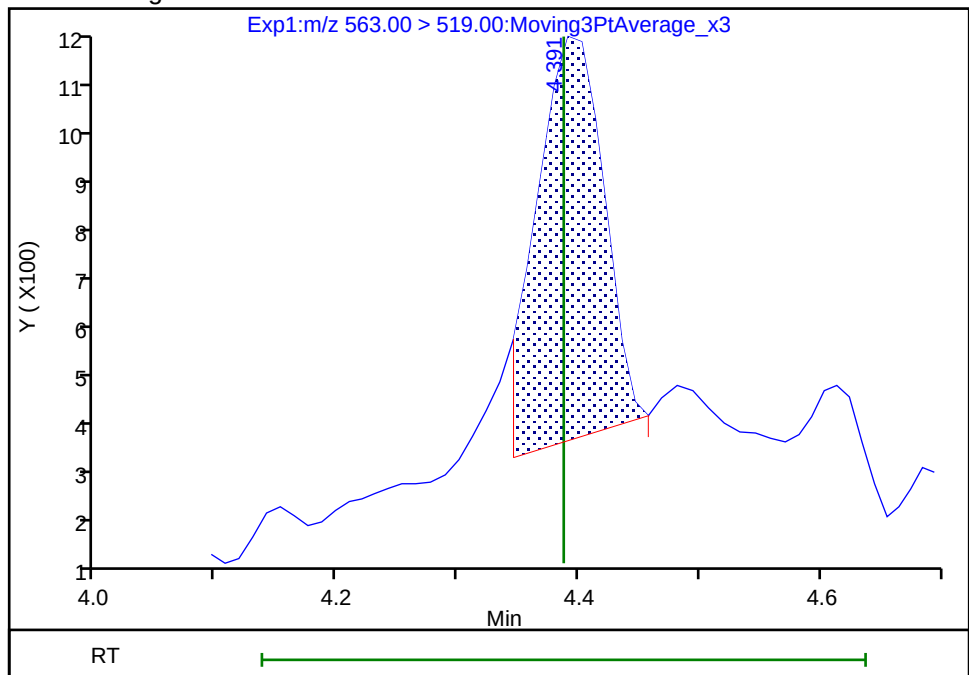
Not Detected
Expected RT: 4.39

Processing Integration Results



Manual Integration Results

RT: 4.39
Area: 2955
Amount: 0.003008
Amount Units: ng/ml



Reviewer: nampitakw, 05-Aug-2022 14:15:05
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

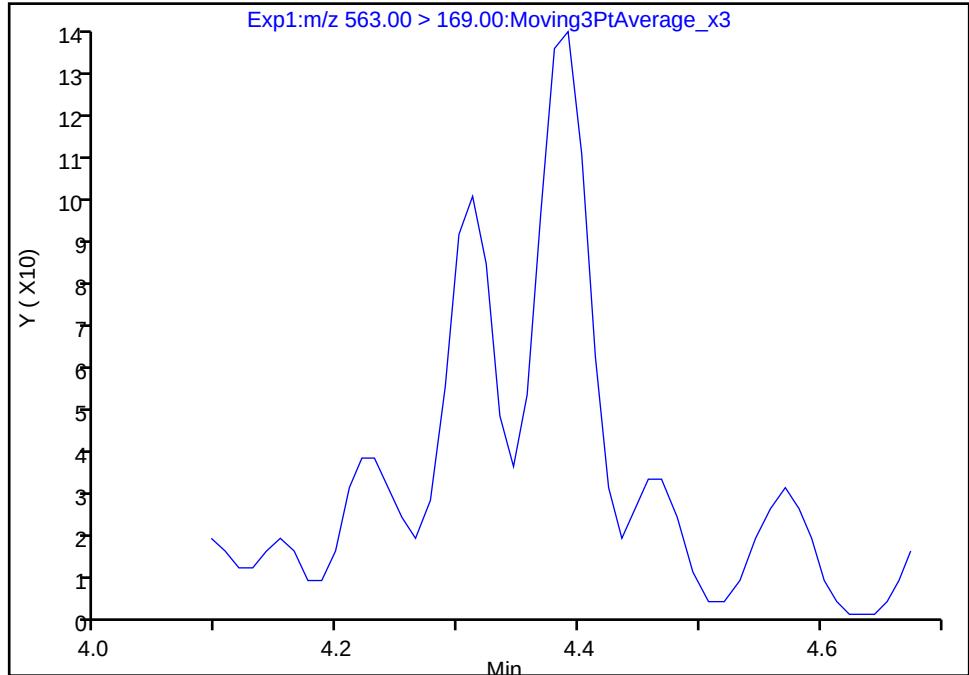
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d
Injection Date: 04-Aug-2022 23:34:20 Instrument ID: LC812
Lims ID: 460-262853-A-3-A Lab Sample ID: 200-262853-3
Client ID: BCS-21-07 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

31 Perfluoroundecanoic acid, CAS: 2058-94-8

Signal: 2

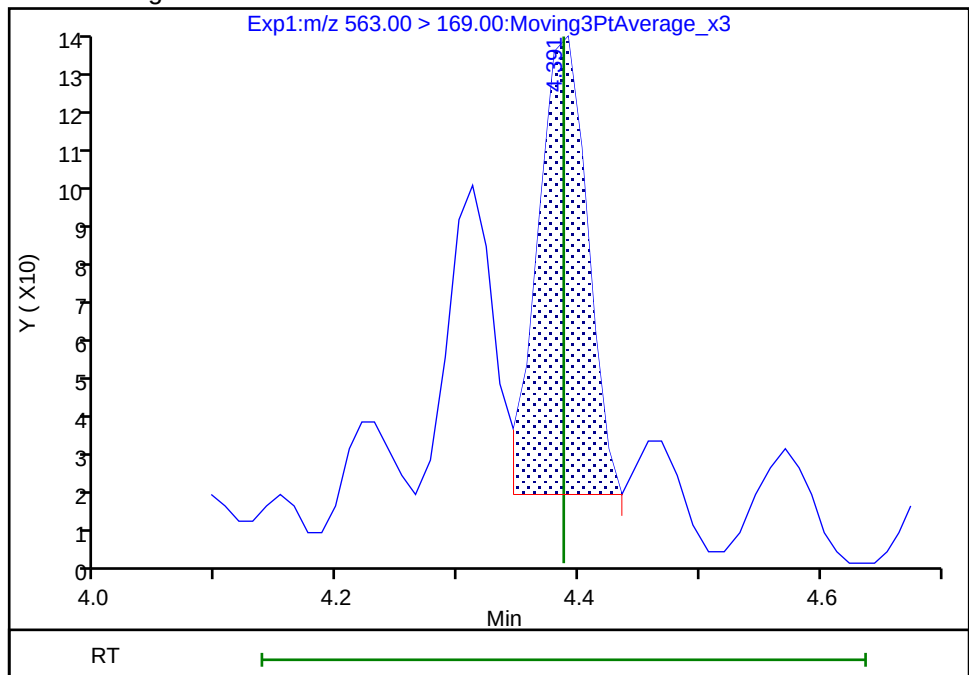
Not Detected
Expected RT: 4.39

Processing Integration Results



Manual Integration Results

RT: 4.39
Area: 339
Amount: 0.003008
Amount Units: ng/ml



Reviewer: nampitakw, 05-Aug-2022 14:15:07

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

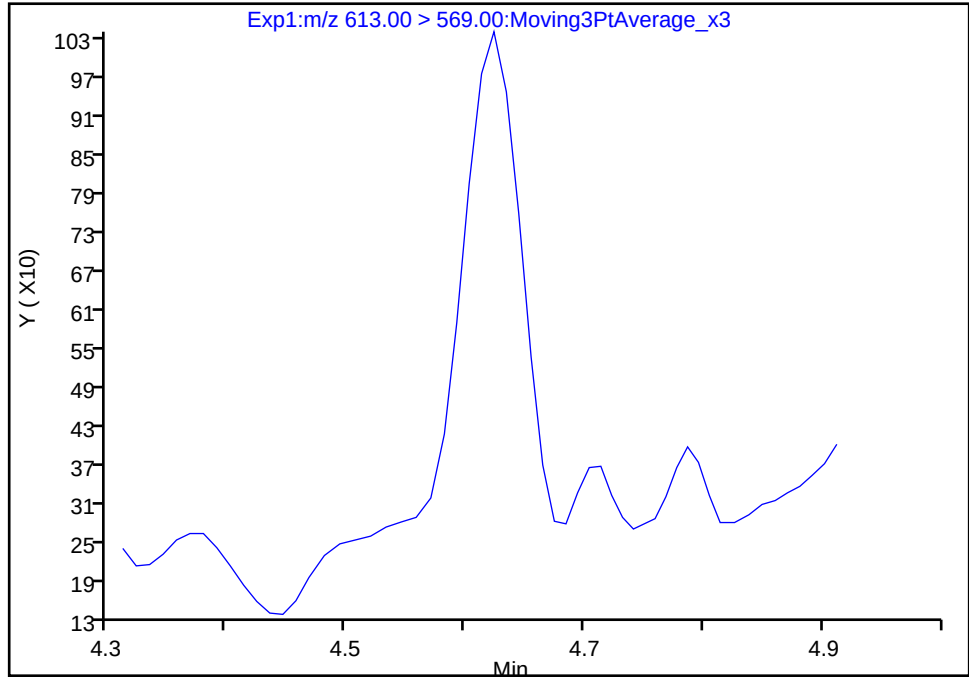
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d
Injection Date: 04-Aug-2022 23:34:20 Instrument ID: LC812
Lims ID: 460-262853-A-3-A Lab Sample ID: 200-262853-3
Client ID: BCS-21-07 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

37 Perfluorododecanoic acid, CAS: 307-55-1

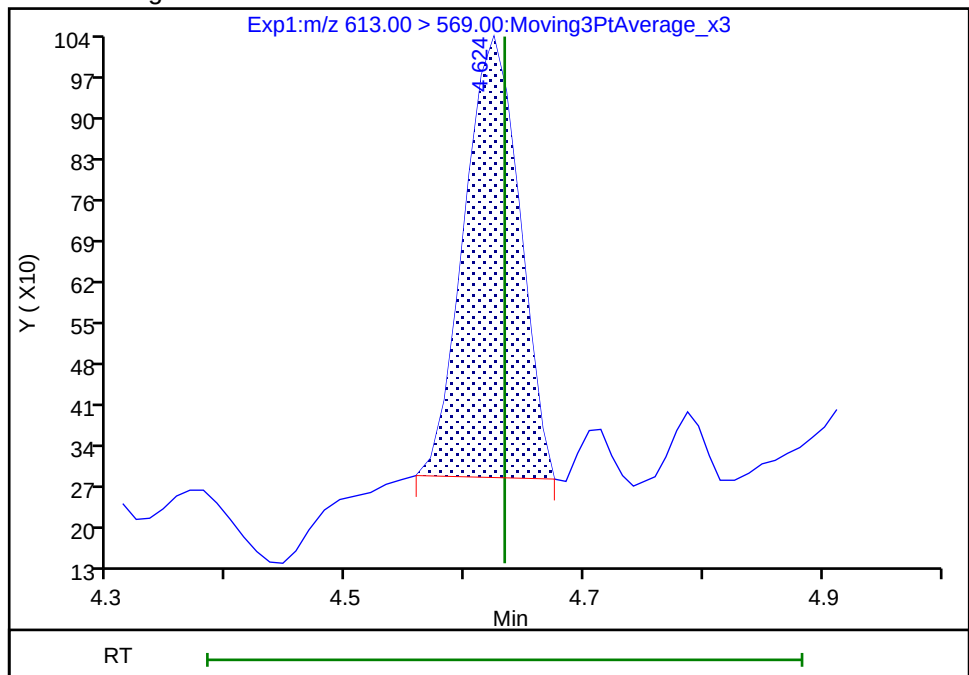
Signal: 1

Not Detected
Expected RT: 4.63

Processing Integration Results



Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:15:29
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

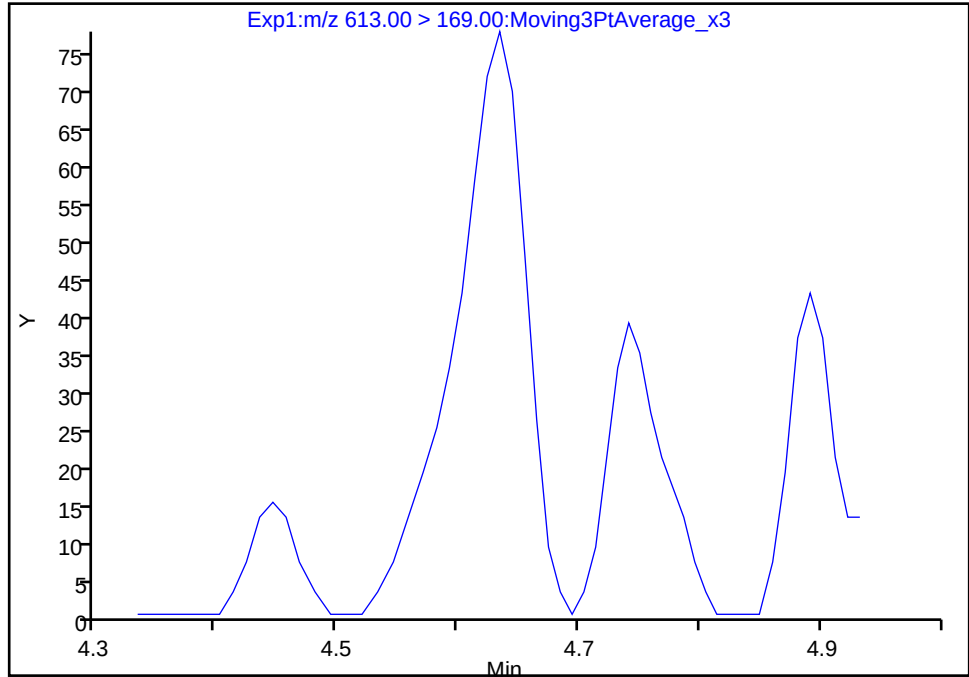
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d
Injection Date: 04-Aug-2022 23:34:20 Instrument ID: LC812
Lims ID: 460-262853-A-3-A Lab Sample ID: 200-262853-3
Client ID: BCS-21-07 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

37 Perfluorododecanoic acid, CAS: 307-55-1

Signal: 2

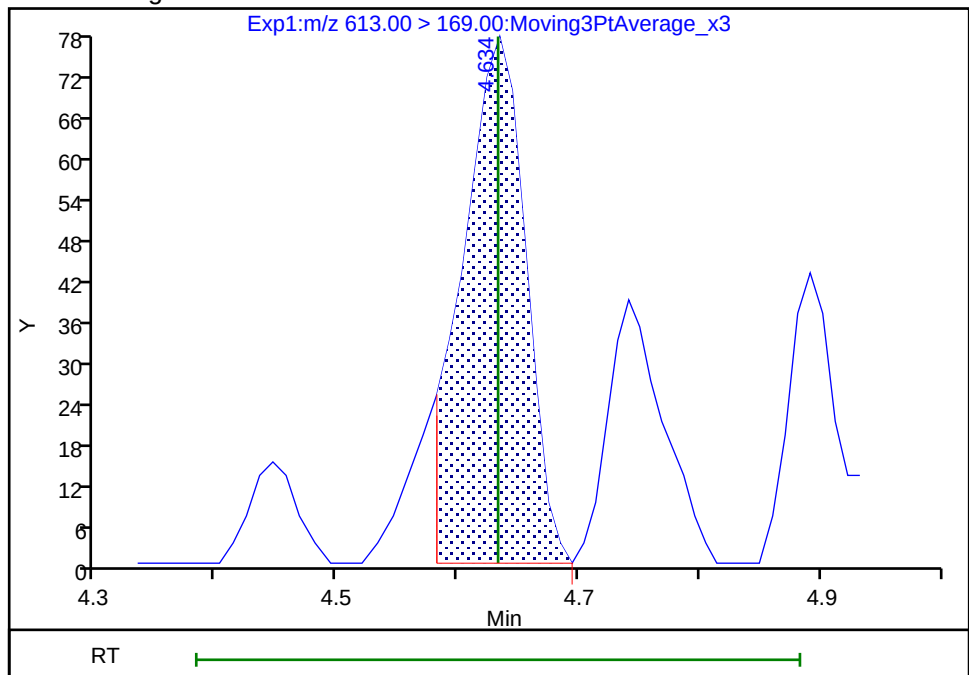
Not Detected
Expected RT: 4.63

Processing Integration Results



Manual Integration Results

RT: 4.63
Area: 280
Amount: 0.002593
Amount Units: ng/ml



Reviewer: nampitakw, 05-Aug-2022 14:15:35

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

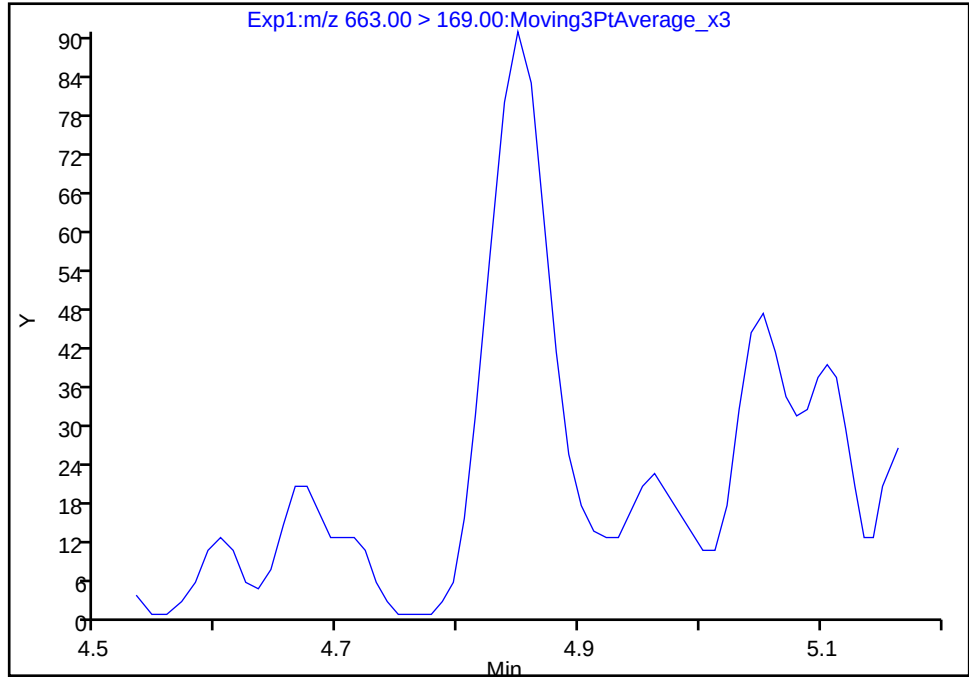
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d				
Injection Date:	04-Aug-2022 23:34:20	Instrument ID:	LC812		
Lims ID:	460-262853-A-3-A	Lab Sample ID:	200-262853-3		
Client ID:	BCS-21-07 P (4-4.5)				
Operator ID:	lc812tech	ALS Bottle#:	23	Worklist Smp#:	23
Injection Vol:	20.0 ul	Dil. Factor:	1.0000		
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL		
Column:	C-18 (4.60 mm)	Detector	EXP1		

41 Perfluorotridecanoic acid, CAS: 72629-94-8

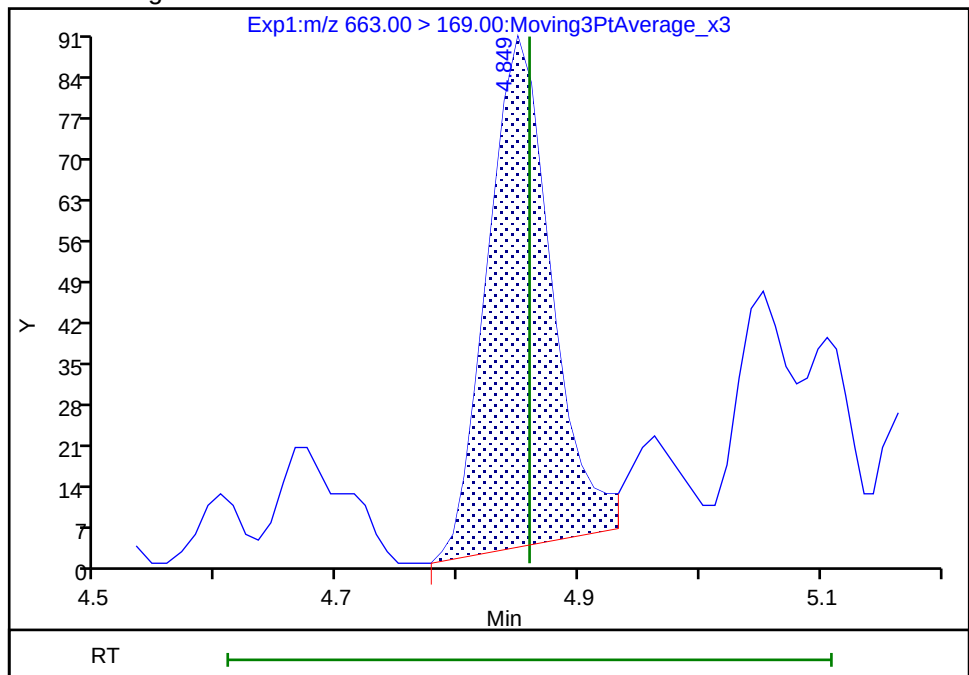
Signal: 2

Not Detected
Expected RT: 4.86

Processing Integration Results



Manual Integration Results



RT: 4.85
Area: 322
Amount: 0.001109
Amount Units: ng/ml

Reviewer: nampitakw, 05-Aug-2022 14:15:52
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

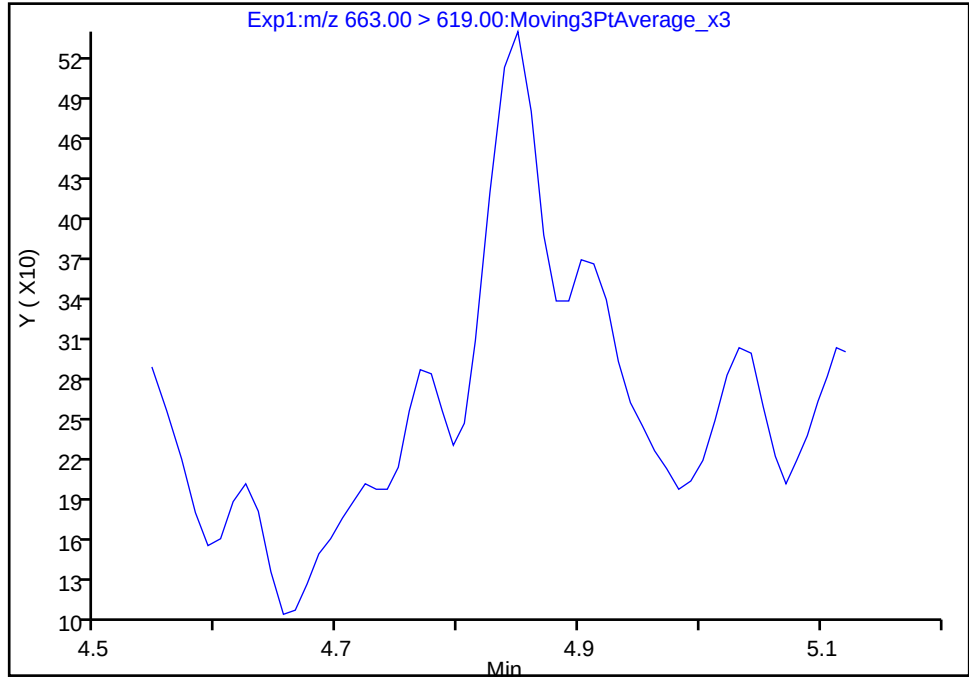
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d
Injection Date: 04-Aug-2022 23:34:20 Instrument ID: LC812
Lims ID: 460-262853-A-3-A Lab Sample ID: 200-262853-3
Client ID: BCS-21-07 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

41 Perfluorotridecanoic acid, CAS: 72629-94-8

Signal: 1

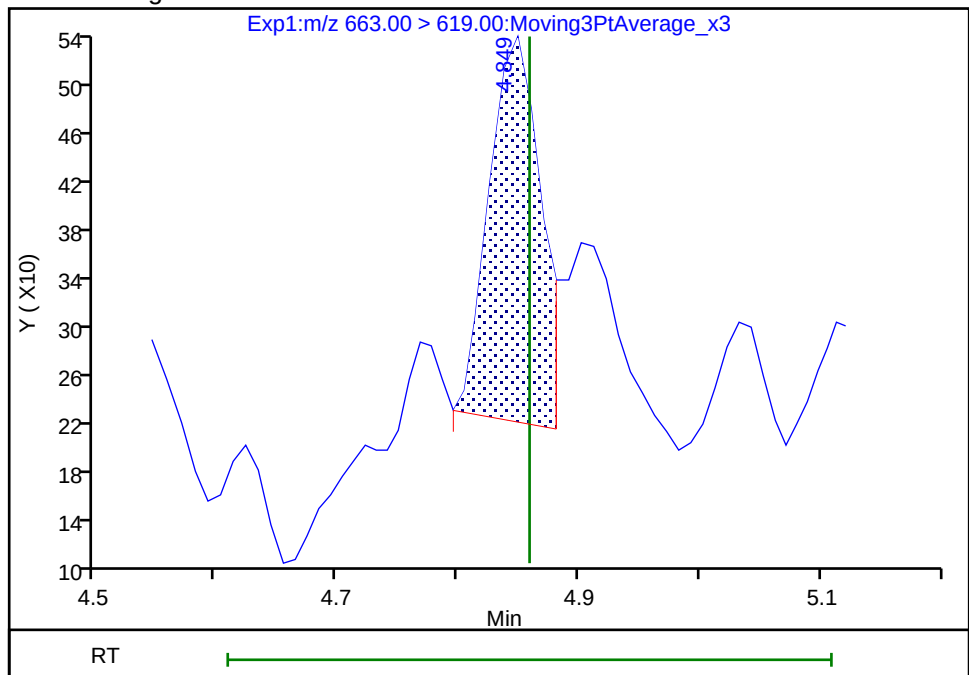
Not Detected
Expected RT: 4.86

Processing Integration Results



Manual Integration Results

RT: 4.85
Area: 903
Amount: 0.001109
Amount Units: ng/ml



Reviewer: nampitakw, 05-Aug-2022 14:15:54

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

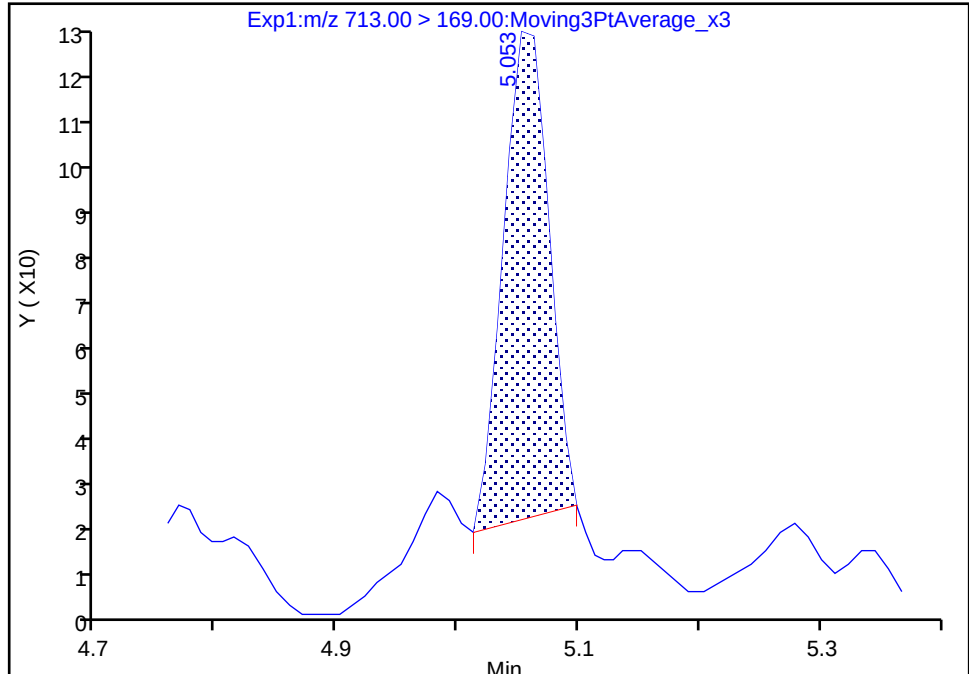
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d		
Injection Date:	04-Aug-2022 23:34:20	Instrument ID:	LC812
Lims ID:	460-262853-A-3-A	Lab Sample ID:	200-262853-3
Client ID:	BCS-21-07 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	23
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	23

42 Perfluorotetradecanoic acid, CAS: 376-06-7

Signal: 1

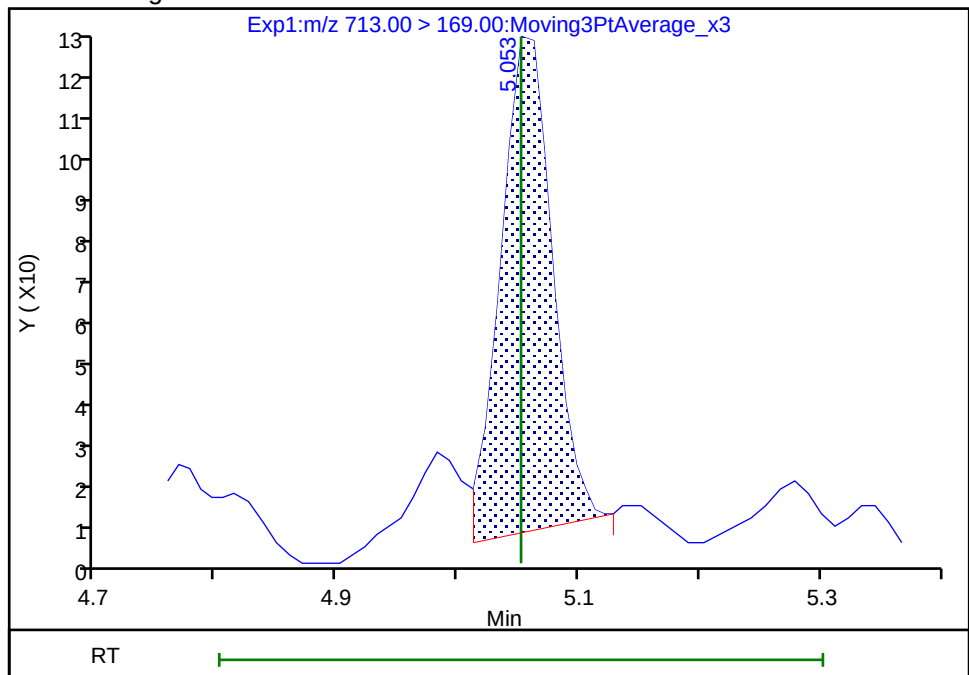
RT: 5.05
Area: 279
Amount: 0.002067
Amount Units: ng/ml

Processing Integration Results



RT: 5.05
Area: 356
Amount: 0.002654
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:16:02
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

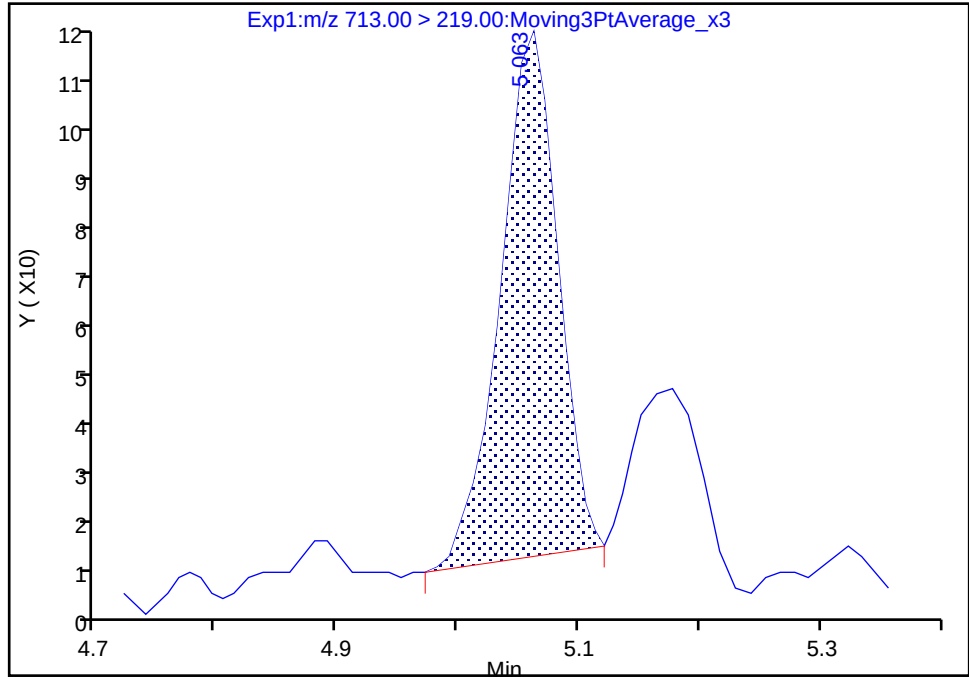
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d
Injection Date: 04-Aug-2022 23:34:20 Instrument ID: LC812
Lims ID: 460-262853-A-3-A Lab Sample ID: 200-262853-3
Client ID: BCS-21-07 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

42 Perfluorotetradecanoic acid, CAS: 376-06-7

Signal: 2

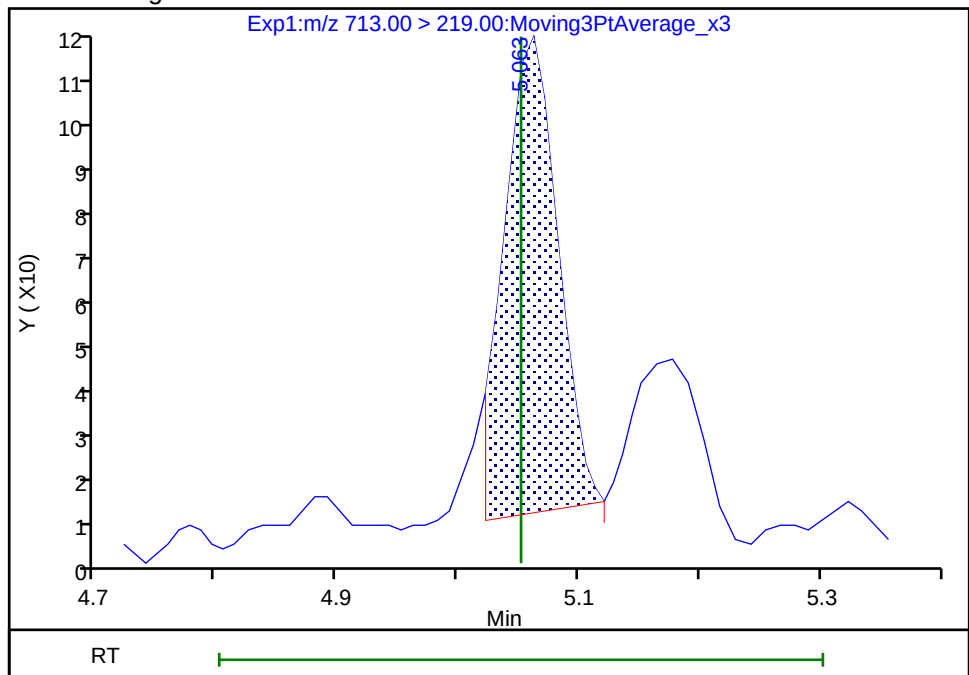
RT: 5.06
Area: 330
Amount: 0.002067
Amount Units: ng/ml

Processing Integration Results



RT: 5.06
Area: 307
Amount: 0.002654
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:16:04

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

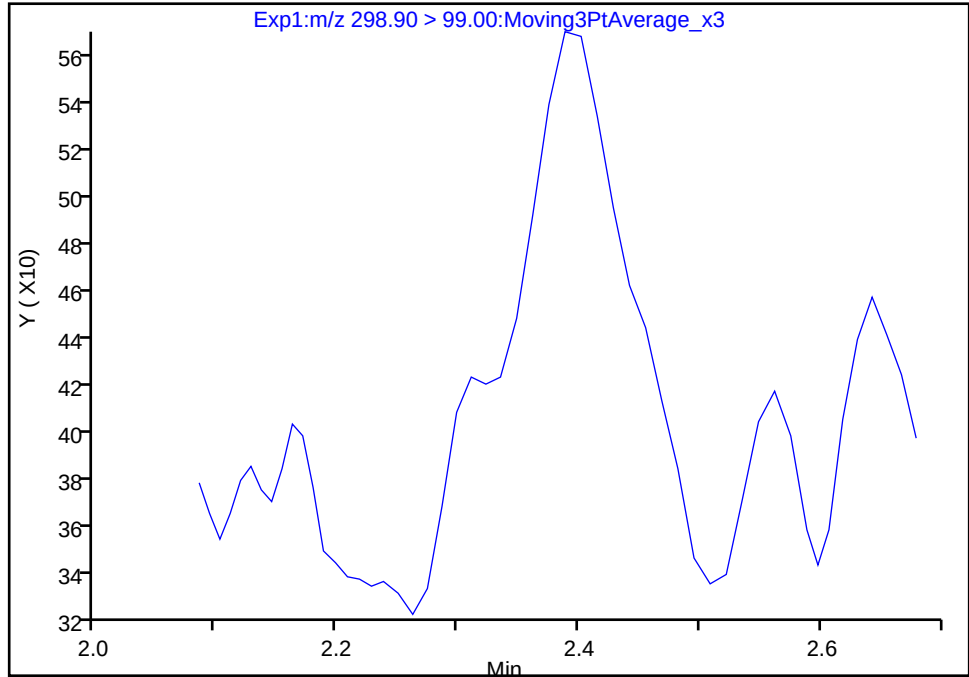
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d
Injection Date: 04-Aug-2022 23:34:20 Instrument ID: LC812
Lims ID: 460-262853-A-3-A Lab Sample ID: 200-262853-3
Client ID: BCS-21-07 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

5 Perfluorobutanesulfonic acid, CAS: 375-73-5

Signal: 2

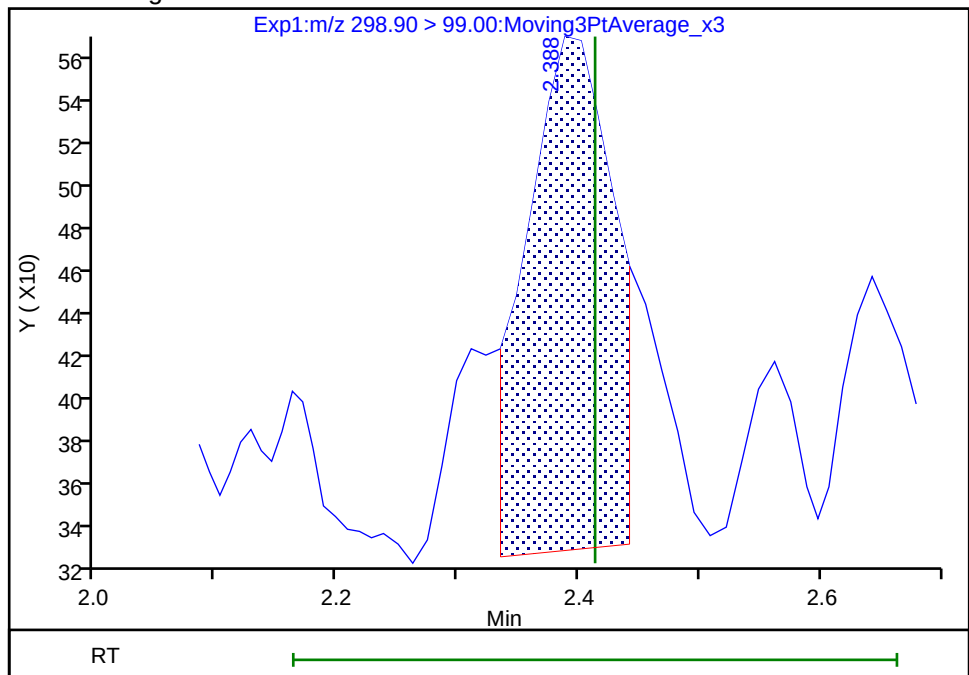
Not Detected
Expected RT: 2.41

Processing Integration Results



Manual Integration Results

RT: 2.39
Area: 1171
Amount: 0.001573
Amount Units: ng/ml



Reviewer: nampitakw, 05-Aug-2022 14:10:39
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

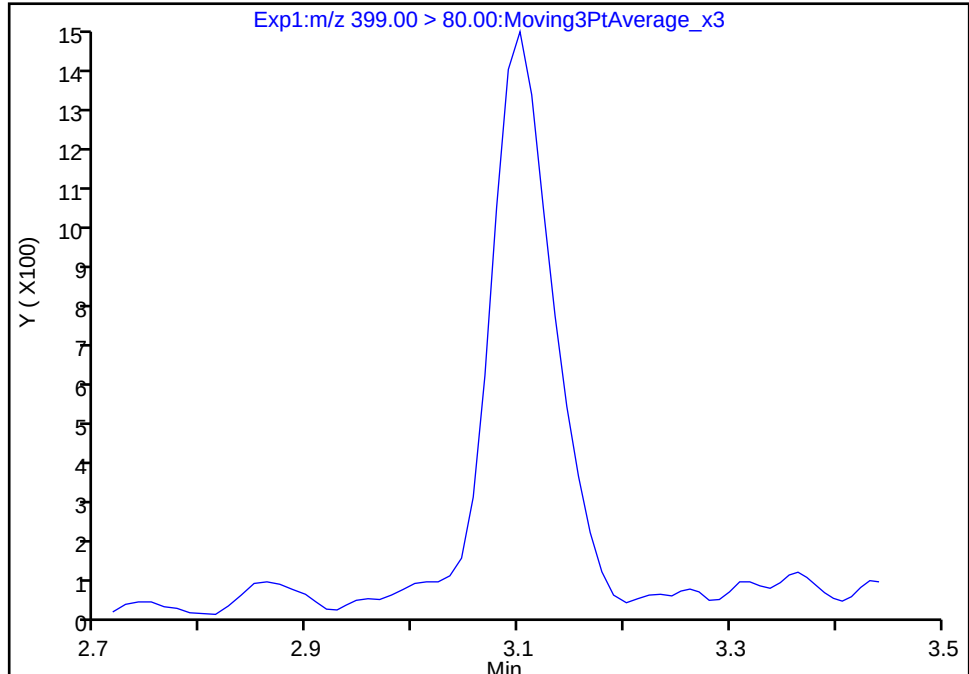
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d				
Injection Date:	04-Aug-2022 23:34:20	Instrument ID:	LC812		
Lims ID:	460-262853-A-3-A	Lab Sample ID:	200-262853-3		
Client ID:	BCS-21-07 P (4-4.5)				
Operator ID:	lc812tech	ALS Bottle#:	23	Worklist Smp#:	23
Injection Vol:	20.0 ul	Dil. Factor:	1.0000		
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL		
Column:	C-18 (4.60 mm)	Detector	EXP1		

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

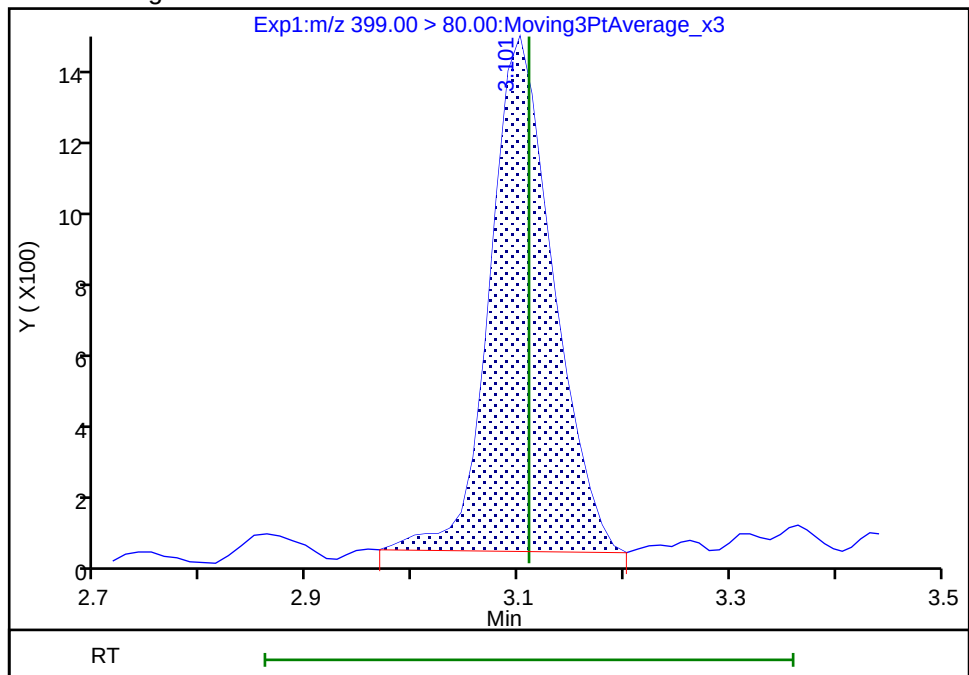
Signal: 1

Not Detected
Expected RT: 3.11

Processing Integration Results



Manual Integration Results



RT: 3.10
Area: 5912
Amount: 0.005786
Amount Units: ng/ml

Reviewer: nampitakw, 05-Aug-2022 14:10:50
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

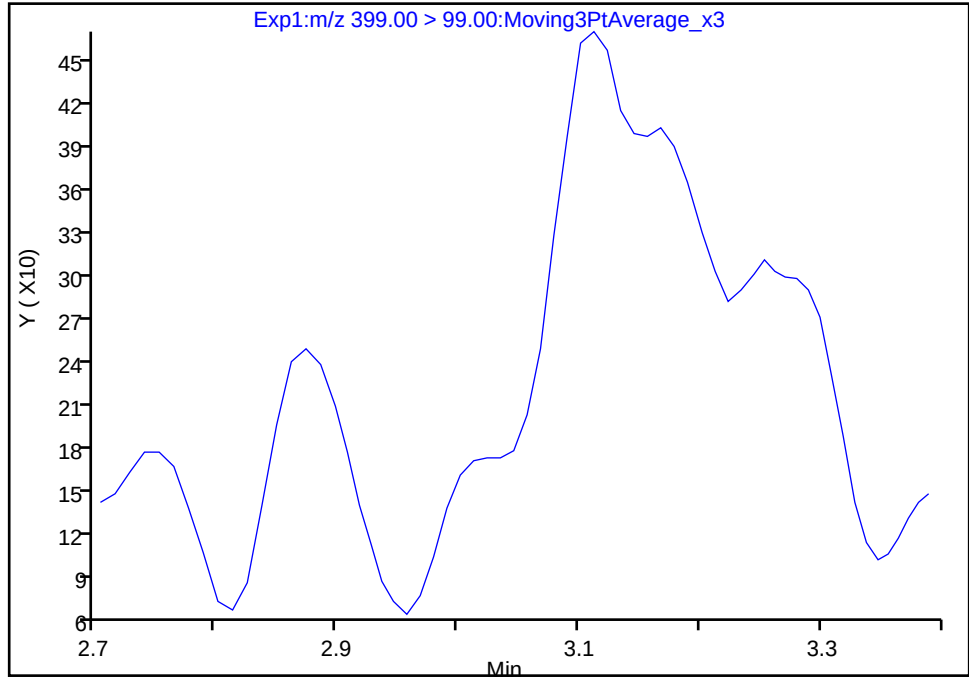
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d
Injection Date: 04-Aug-2022 23:34:20 Instrument ID: LC812
Lims ID: 460-262853-A-3-A Lab Sample ID: 200-262853-3
Client ID: BCS-21-07 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 2

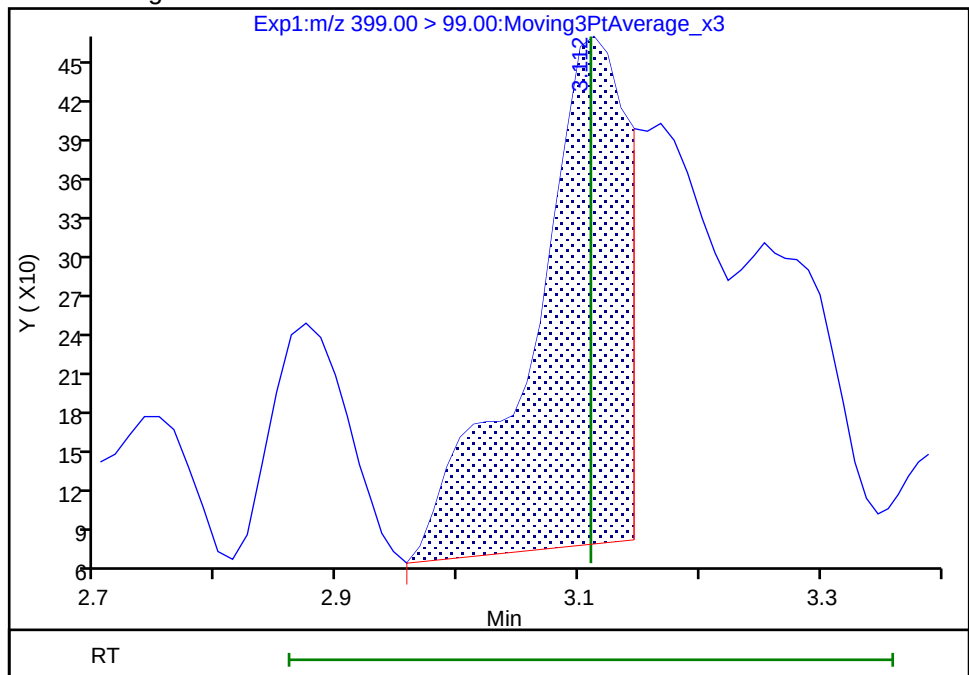
Not Detected
Expected RT: 3.11

Processing Integration Results



Manual Integration Results

RT: 3.11
Area: 2089
Amount: 0.005786
Amount Units: ng/ml



Reviewer: nampitkw, 05-Aug-2022 14:10:58

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

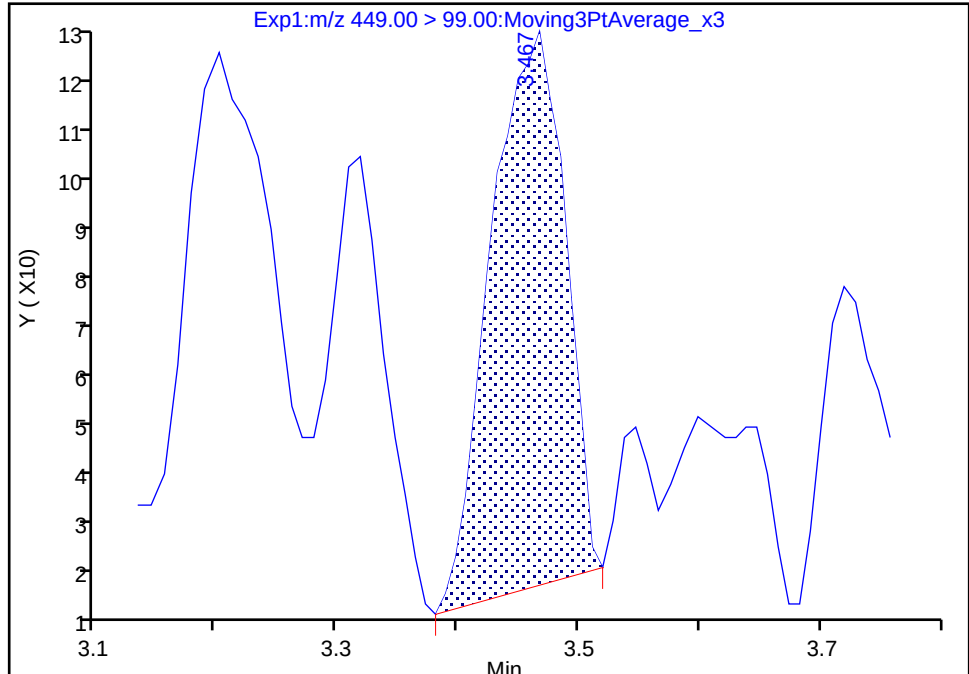
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d				
Injection Date:	04-Aug-2022 23:34:20	Instrument ID:	LC812		
Lims ID:	460-262853-A-3-A	Lab Sample ID:	200-262853-3		
Client ID:	BCS-21-07 P (4-4.5)				
Operator ID:	lc812tech	ALS Bottle#:	23	Worklist Smp#:	23
Injection Vol:	20.0 ul	Dil. Factor:	1.0000		
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL		
Column:	C-18 (4.60 mm)	Detector	EXP1		

16 Perfluoroheptanesulfonic acid, CAS: 375-92-8

Signal: 2

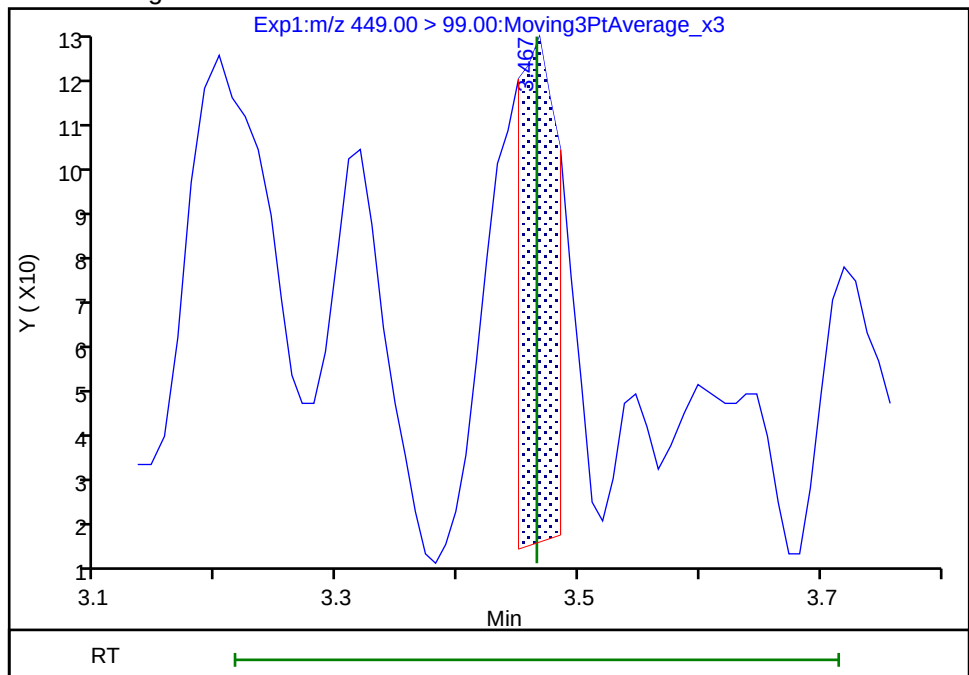
RT: 3.47
Area: 457
Amount: 0.002250
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 206
Amount: 0.001160
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:08:39

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

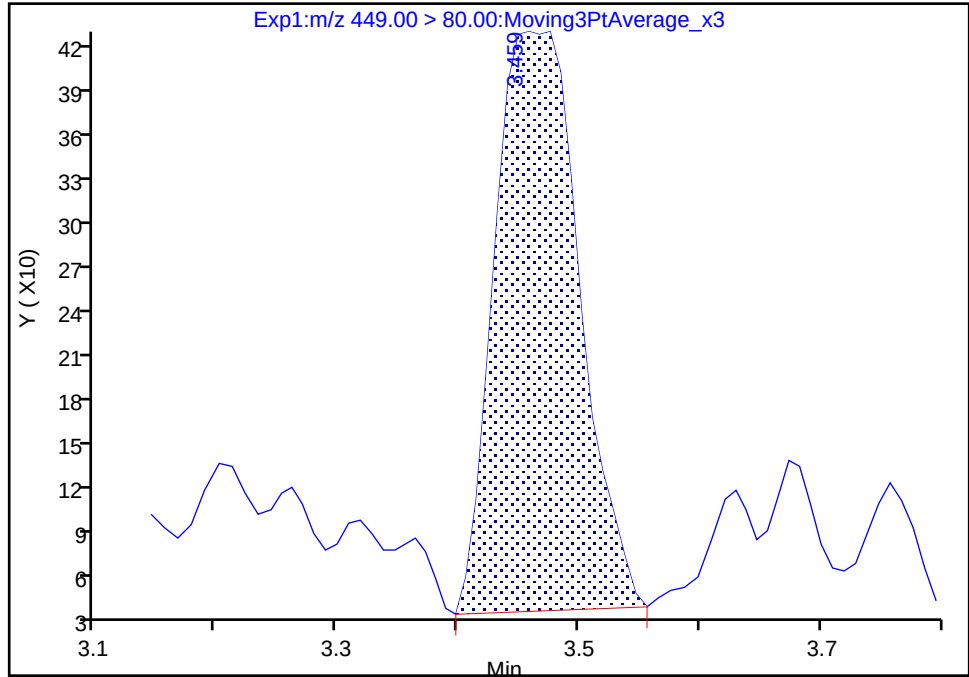
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d
Injection Date: 04-Aug-2022 23:34:20 Instrument ID: LC812
Lims ID: 460-262853-A-3-A Lab Sample ID: 200-262853-3
Client ID: BCS-21-07 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

16 Perfluoroheptanesulfonic acid, CAS: 375-92-8

Signal: 1

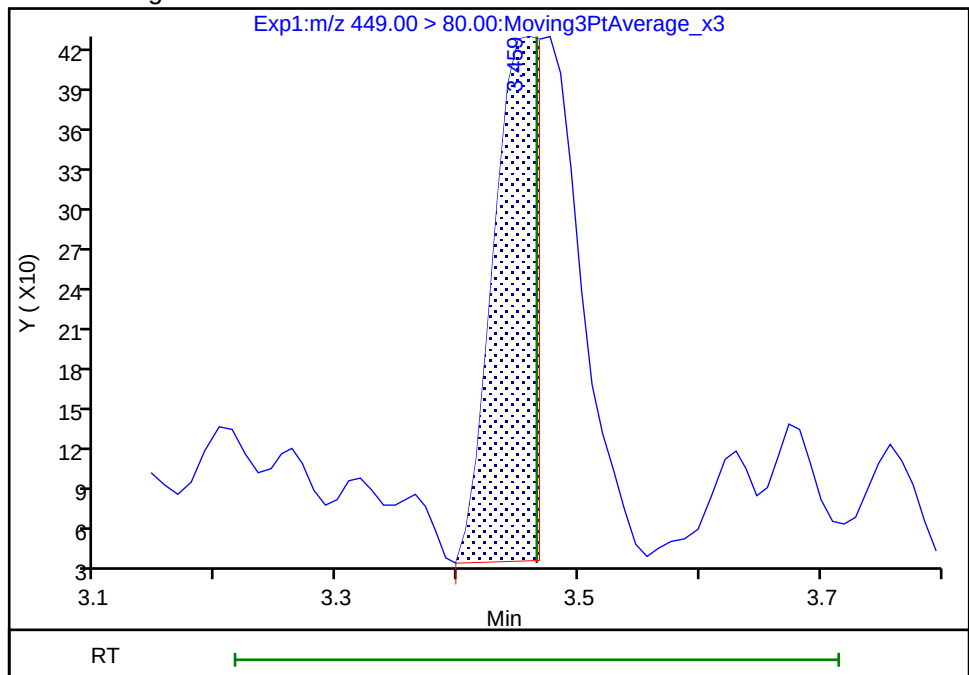
RT: 3.46
Area: 1893
Amount: 0.002250
Amount Units: ng/ml

Processing Integration Results



RT: 3.46
Area: 971
Amount: 0.001160
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:08:49

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

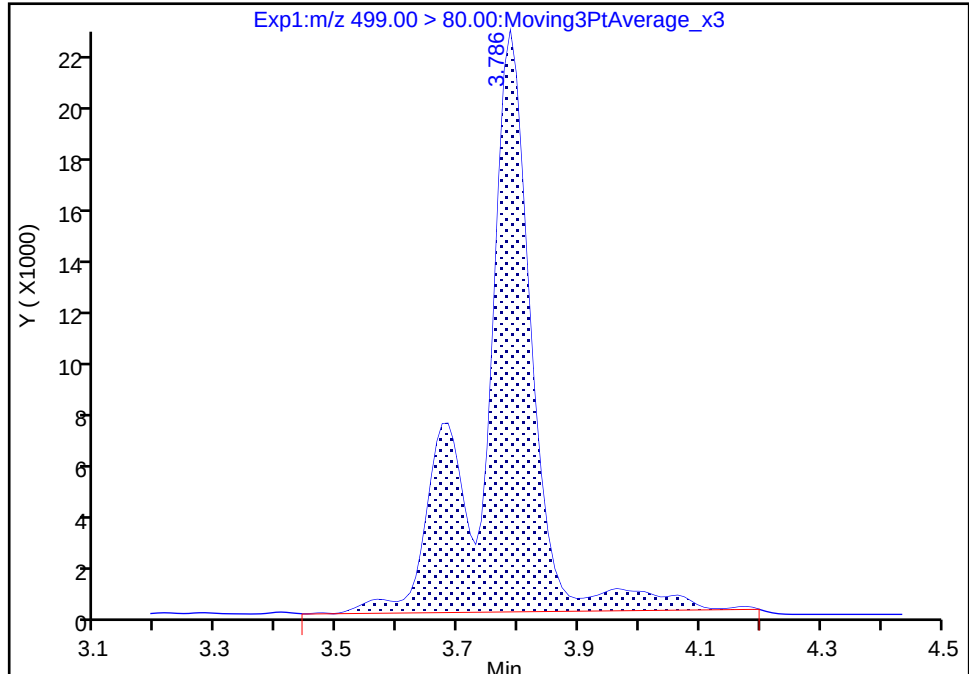
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d		
Injection Date:	04-Aug-2022 23:34:20	Instrument ID:	LC812
Lims ID:	460-262853-A-3-A	Lab Sample ID:	200-262853-3
Client ID:	BCS-21-07 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	23
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	23

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 1

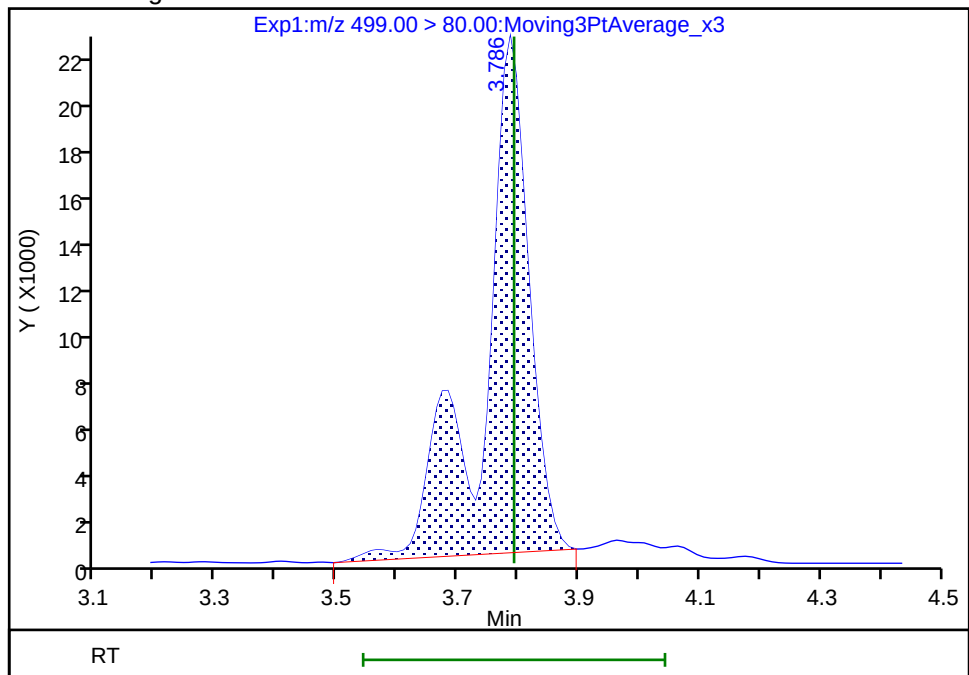
RT: 3.79
Area: 128135
Amount: 0.170756
Amount Units: ng/ml

Processing Integration Results



RT: 3.79
Area: 114784
Amount: 0.151849
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:13:51
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

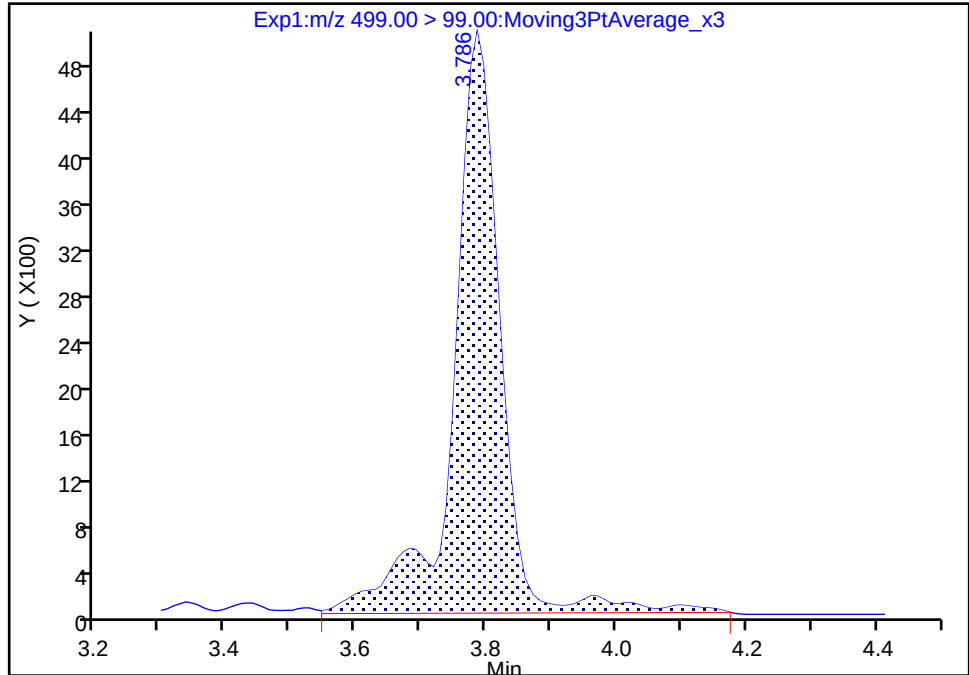
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d
Injection Date: 04-Aug-2022 23:34:20 Instrument ID: LC812
Lims ID: 460-262853-A-3-A Lab Sample ID: 200-262853-3
Client ID: BCS-21-07 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 2

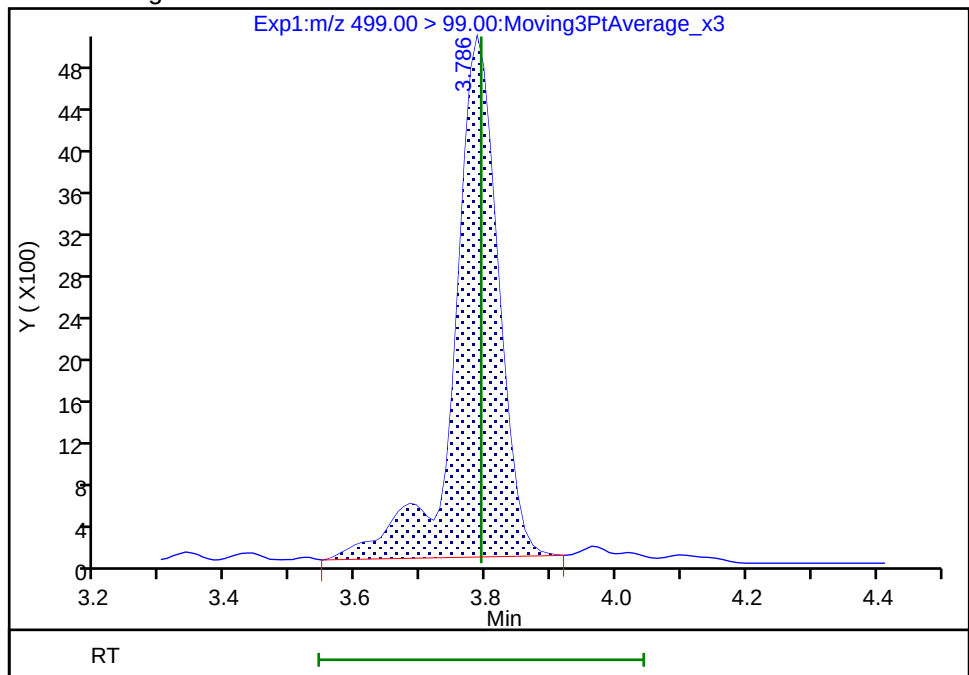
RT: 3.79
Area: 25589
Amount: 0.170756
Amount Units: ng/ml

Processing Integration Results



RT: 3.79
Area: 23573
Amount: 0.151849
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:13:55

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

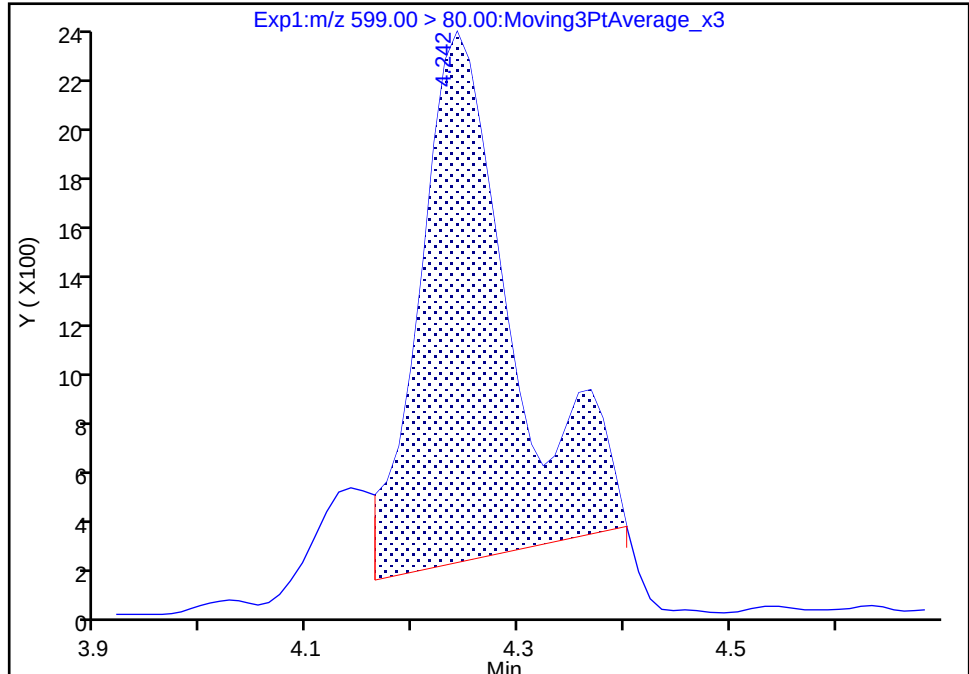
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d
Injection Date: 04-Aug-2022 23:34:20 Instrument ID: LC812
Lims ID: 460-262853-A-3-A Lab Sample ID: 200-262853-3
Client ID: BCS-21-07 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

29 Perfluorodecanesulfonic acid, CAS: 335-77-3

Signal: 1

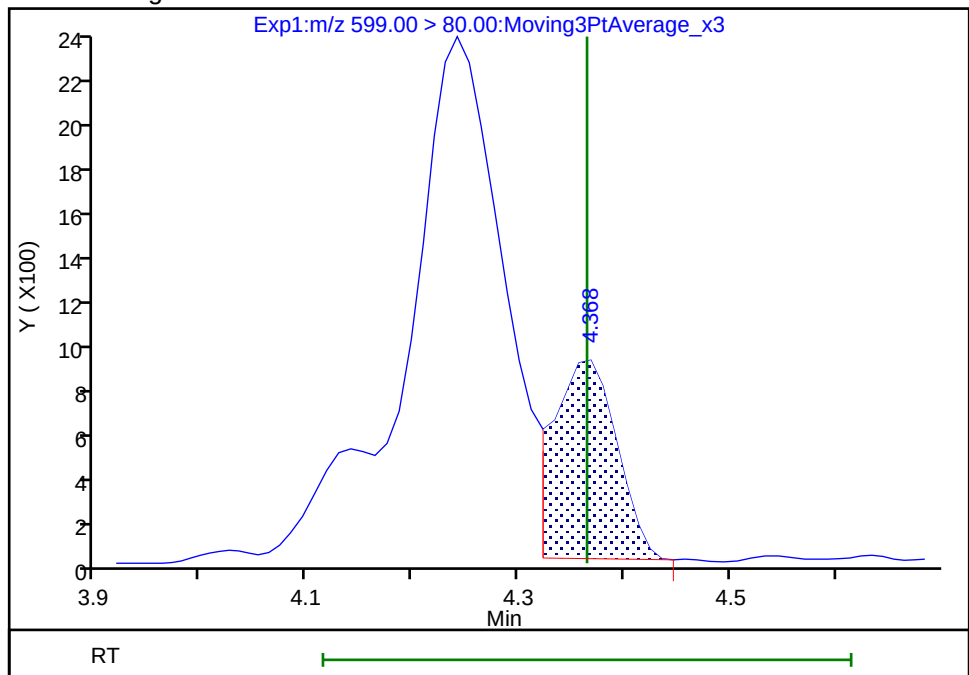
RT: 4.24
Area: 12762
Amount: 0.032183
Amount Units: ng/ml

Processing Integration Results



RT: 4.37
Area: 3517
Amount: 0.008911
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:14:50
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

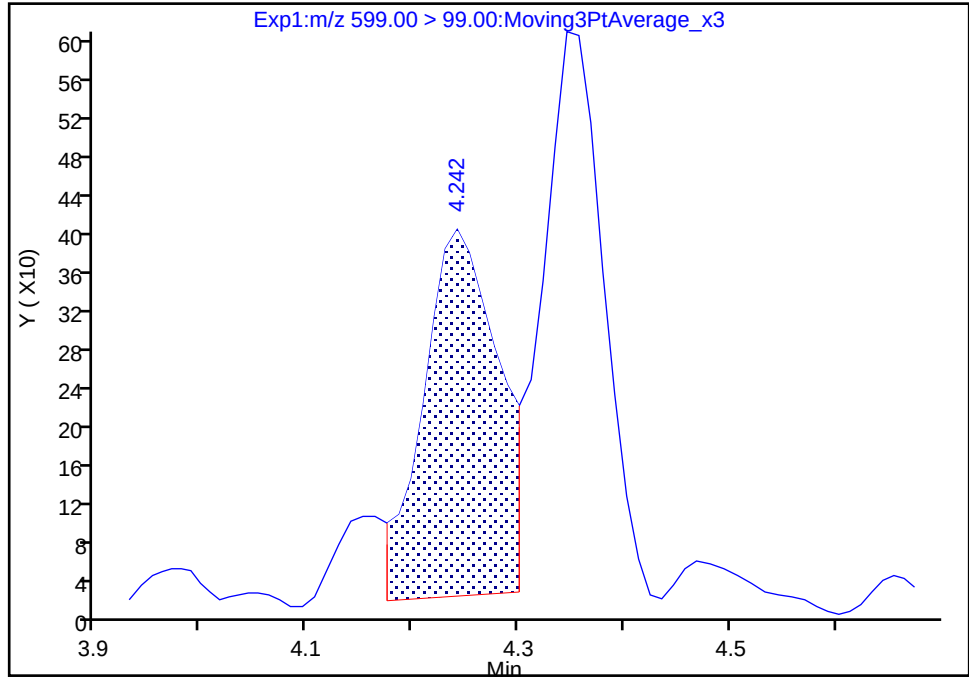
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d
Injection Date: 04-Aug-2022 23:34:20 Instrument ID: LC812
Lims ID: 460-262853-A-3-A Lab Sample ID: 200-262853-3
Client ID: BCS-21-07 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

29 Perfluorodecanesulfonic acid, CAS: 335-77-3

Signal: 2

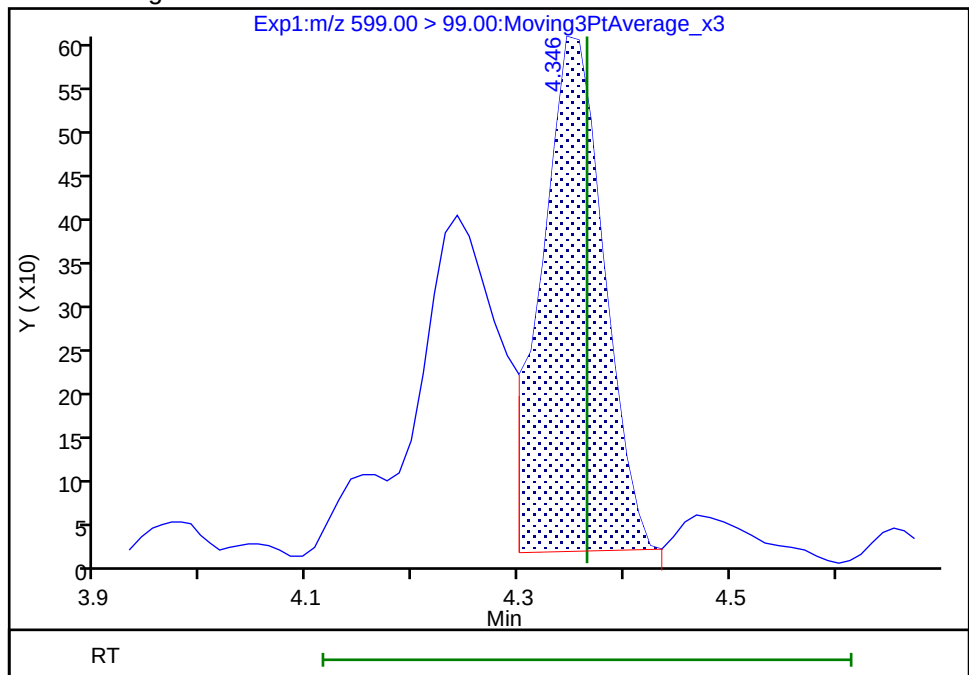
RT: 4.24
Area: 1840
Amount: 0.032183
Amount Units: ng/ml

Processing Integration Results



RT: 4.35
Area: 2372
Amount: 0.008911
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:14:52

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

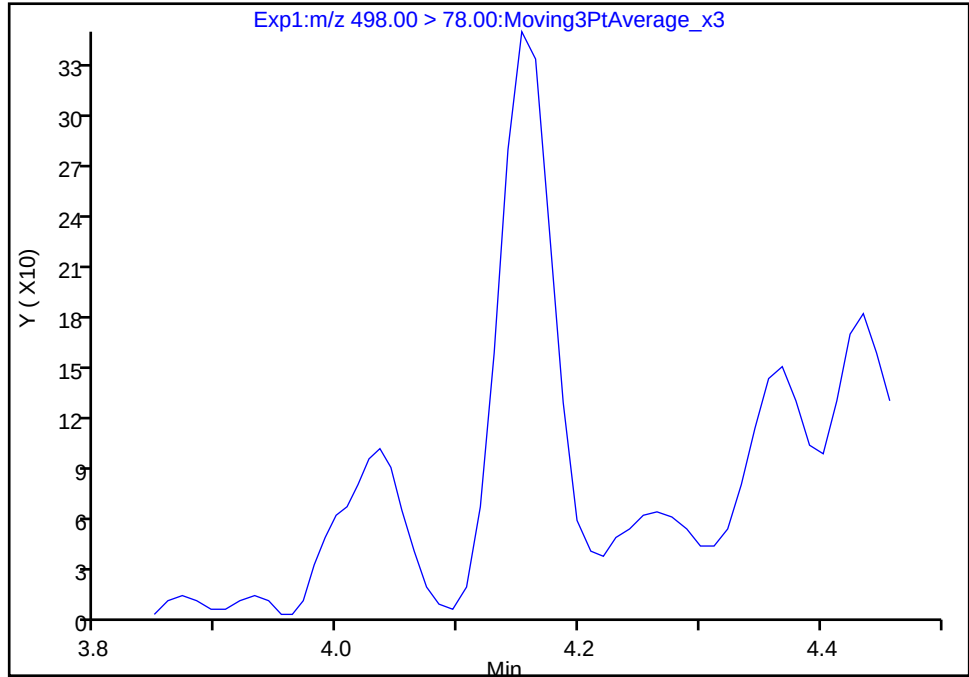
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d				
Injection Date:	04-Aug-2022 23:34:20	Instrument ID:	LC812		
Lims ID:	460-262853-A-3-A	Lab Sample ID:	200-262853-3		
Client ID:	BCS-21-07 P (4-4.5)				
Operator ID:	lc812tech	ALS Bottle#:	23	Worklist Smp#:	23
Injection Vol:	20.0 ul	Dil. Factor:	1.0000		
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL		
Column:	C-18 (4.60 mm)	Detector	EXP1		

22 Perfluorooctanesulfonamide, CAS: 754-91-6

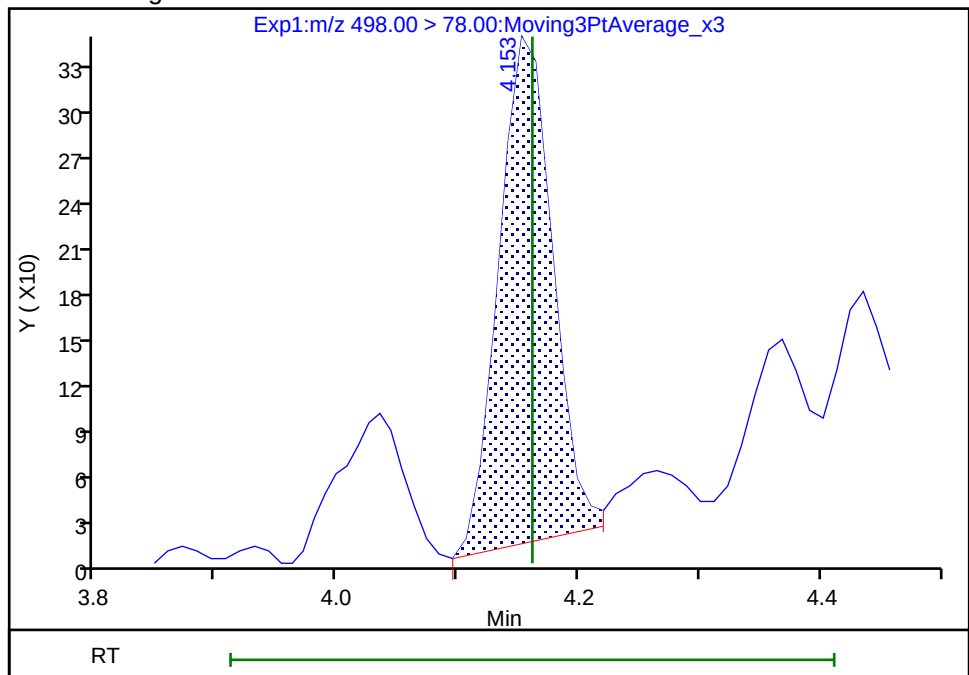
Signal: 1

Not Detected
Expected RT: 4.16

Processing Integration Results



Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:14:33
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

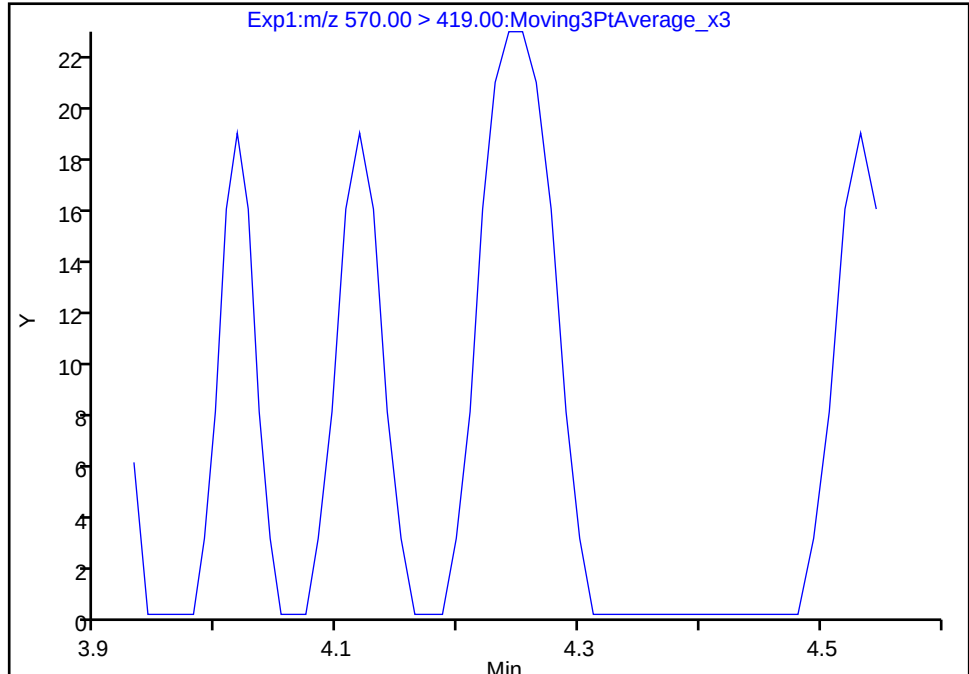
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d				
Injection Date:	04-Aug-2022 23:34:20	Instrument ID:	LC812		
Lims ID:	460-262853-A-3-A	Lab Sample ID:	200-262853-3		
Client ID:	BCS-21-07 P (4-4.5)				
Operator ID:	lc812tech	ALS Bottle#:	23	Worklist Smp#:	23
Injection Vol:	20.0 ul	Dil. Factor:	1.0000		
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL		
Column:	C-18 (4.60 mm)	Detector	EXP1		

28 N-methylperfluorooctanesulfonami, CAS: 2355-31-9

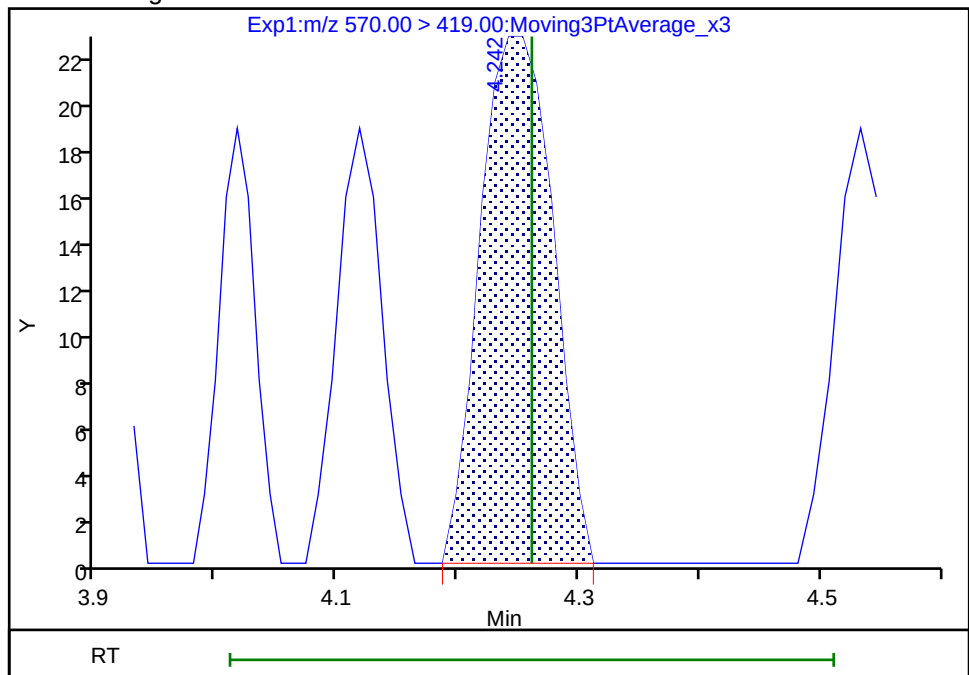
Signal: 1

Not Detected
Expected RT: 4.26

Processing Integration Results



Manual Integration Results



RT: 4.24
Area: 96
Amount: 0.000845
Amount Units: ng/ml

Reviewer: nampitakw, 05-Aug-2022 14:14:39
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

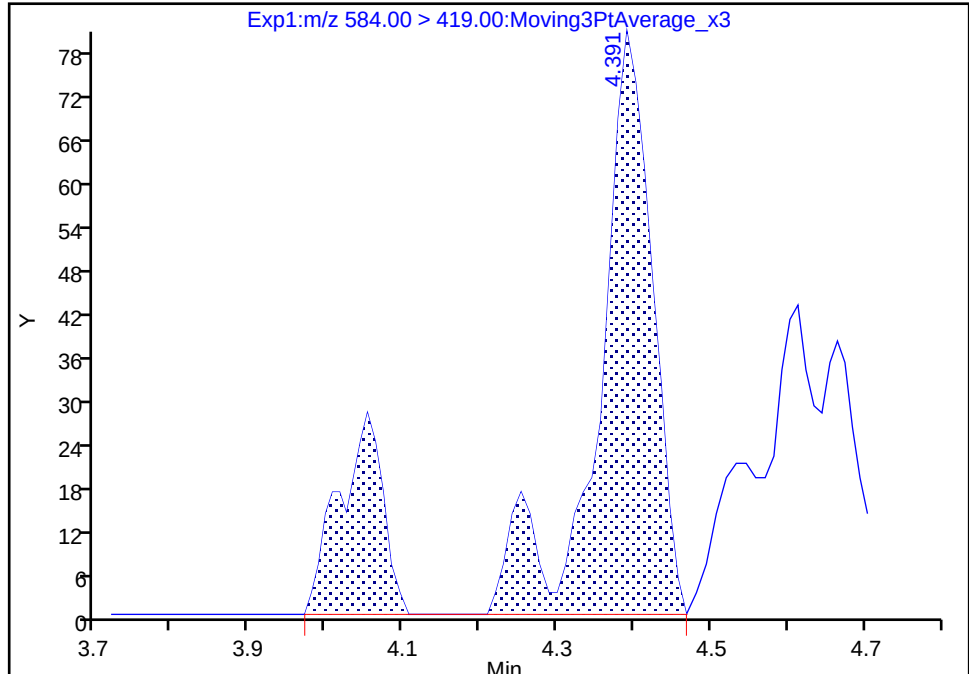
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d
Injection Date: 04-Aug-2022 23:34:20 Instrument ID: LC812
Lims ID: 460-262853-A-3-A Lab Sample ID: 200-262853-3
Client ID: BCS-21-07 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

33 N-ethylperfluorooctanesulfonamid, CAS: 2991-50-6

Signal: 1

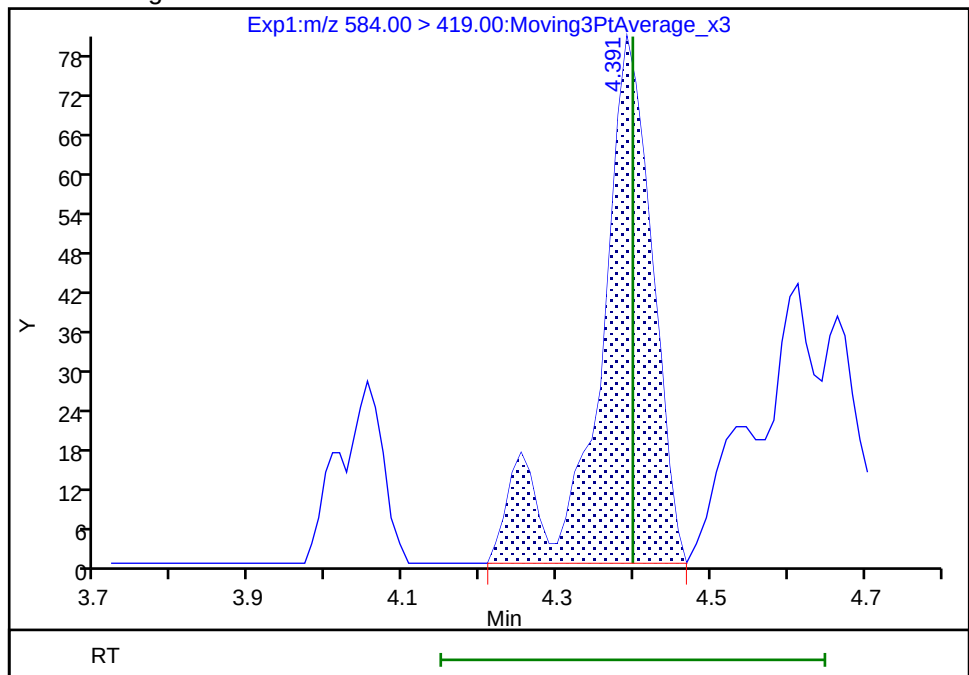
RT: 4.39
Area: 504
Amount: 0.004284
Amount Units: ng/ml

Processing Integration Results



RT: 4.39
Area: 394
Amount: 0.003349
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:15:21
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

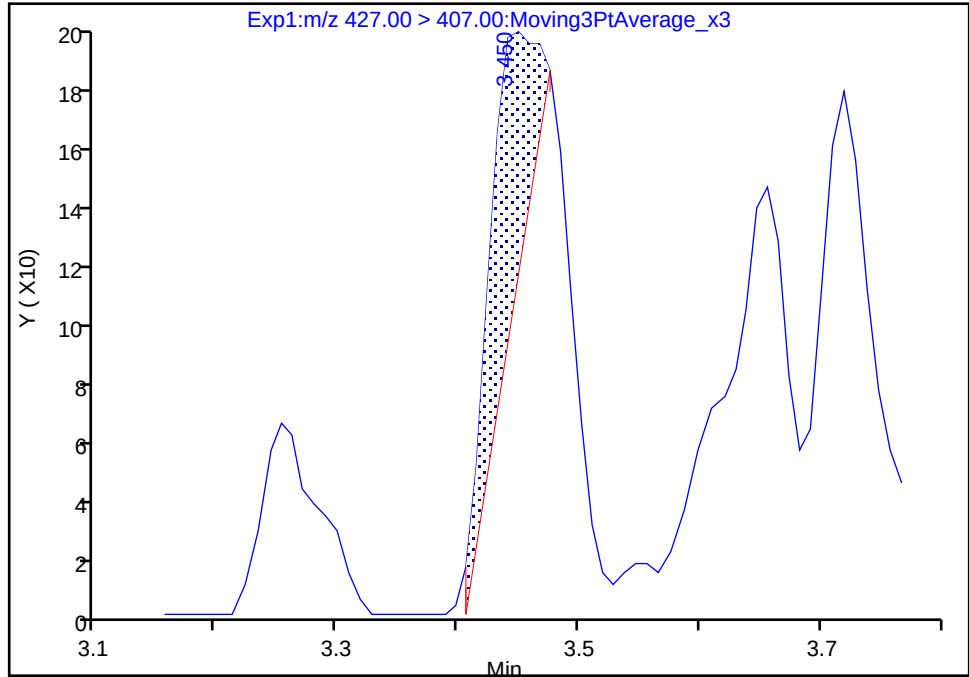
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d
Injection Date: 04-Aug-2022 23:34:20 Instrument ID: LC812
Lims ID: 460-262853-A-3-A Lab Sample ID: 200-262853-3
Client ID: BCS-21-07 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 23 Worklist Smp#: 23
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

13 1H,1H,2H,2H-perfluorooctanesulfo, CAS: 27619-97-2

Signal: 1

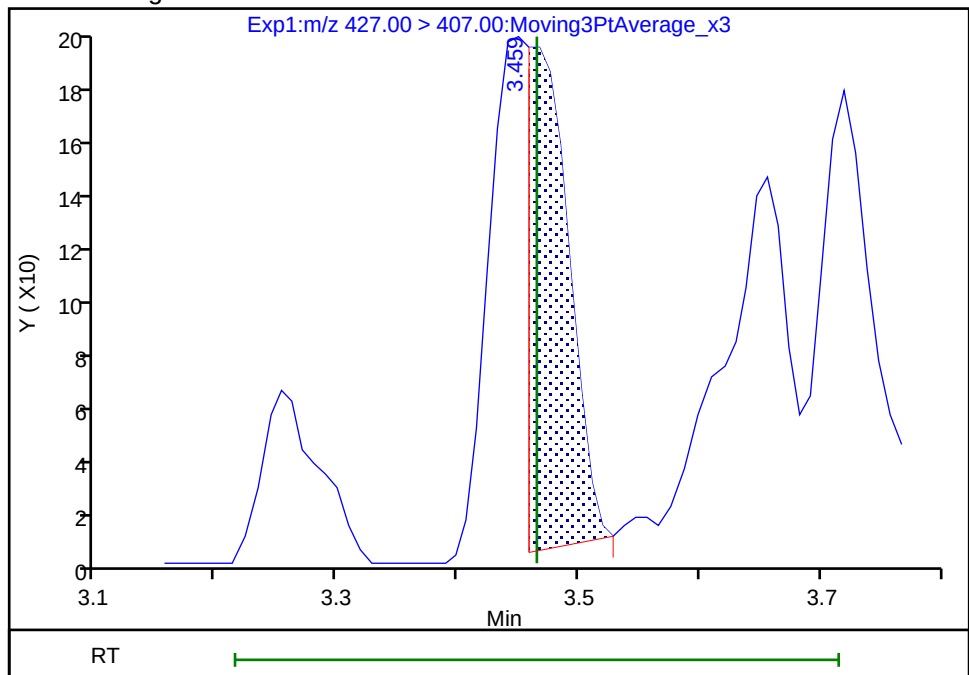
RT: 3.45
Area: 239
Amount: -0.015766
Amount Units: ng/ml

Processing Integration Results



RT: 3.46
Area: 411
Amount: -0.015015
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:13:07
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d				
Injection Date:	04-Aug-2022 23:34:20	Instrument ID:	LC812		
Lims ID:	460-262853-A-3-A	Lab Sample ID:	200-262853-3		
Client ID:	BCS-21-07 P (4-4.5)				
Operator ID:	lc812tech	ALS Bottle#:	23	Worklist Smp#:	23
Injection Vol:	20.0 ul	Dil. Factor:	1.0000		
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL		
Column:	C-18 (4.60 mm)	Detector	EXP1		

Signal: 1

Not Detected
Expected RT: 4.13

Exp1:m/z 527.00 > 507.00:Moving3PtAverage_x3

Min	Y
3.8	4
3.82	1
4.05	1
4.08	10
4.10	48
4.12	65
4.14	55
4.16	30
4.18	10
4.20	1
4.28	1
4.30	5
4.32	18
4.34	20
4.36	18
4.38	5
4.40	1

RT: 4.11
Area: 241
Amount: 0.001377
Amount Units: ng/ml

Reviewer: nampitakw, 05-Aug-2022 14:14:24
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

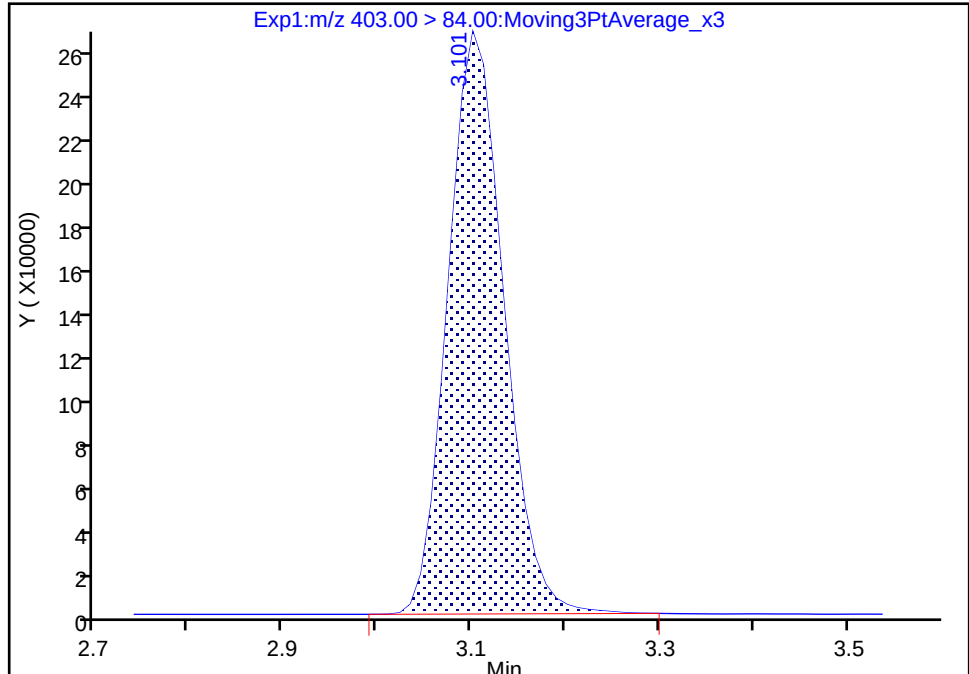
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d		
Injection Date:	04-Aug-2022 23:34:20	Instrument ID:	LC812
Lims ID:	460-262853-A-3-A	Lab Sample ID:	200-262853-3
Client ID:	BCS-21-07 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	23
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	23

D 11 18O2 PFHxS, CAS: STL00994

Signal: 1

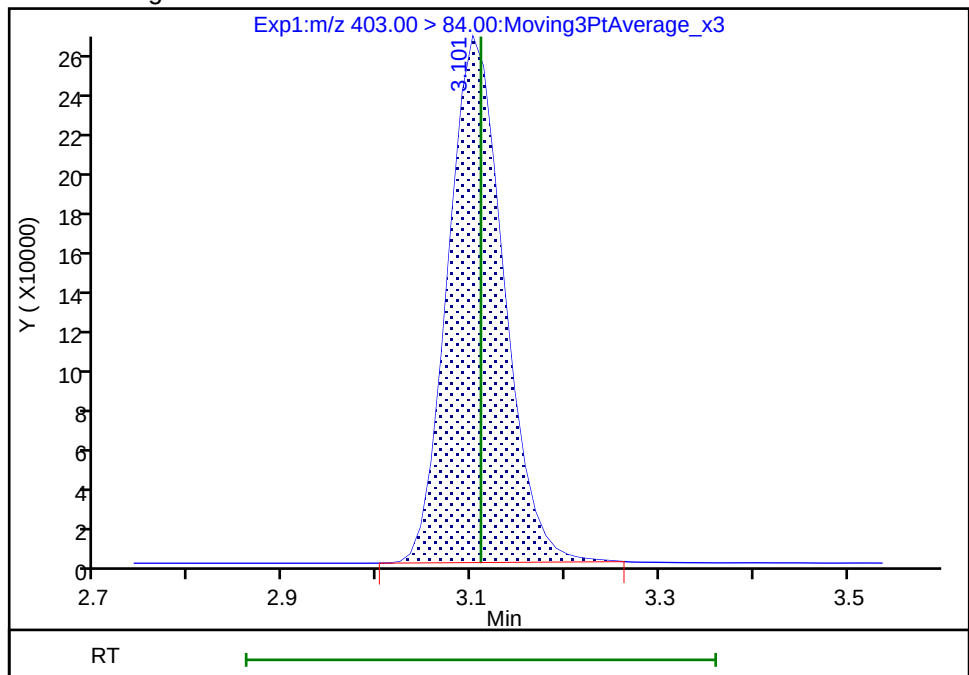
RT: 3.10
Area: 1099139
Amount: 1.074657
Amount Units: ng/ml

Processing Integration Results



RT: 3.10
Area: 1095539
Amount: 1.079859
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:05:28
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

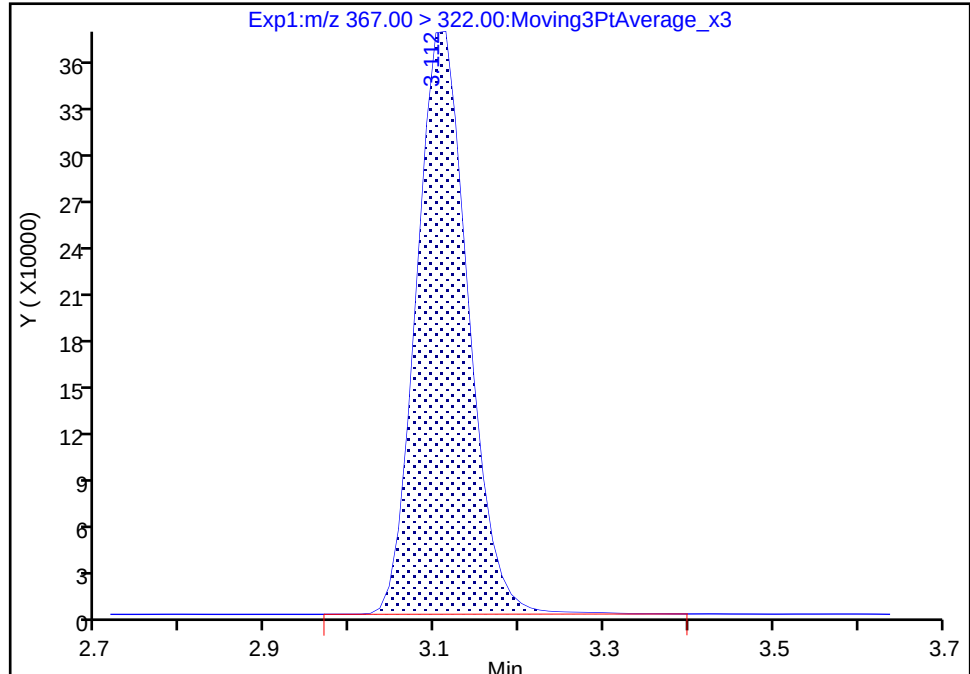
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d		
Injection Date:	04-Aug-2022 23:34:20	Instrument ID:	LC812
Lims ID:	460-262853-A-3-A	Lab Sample ID:	200-262853-3
Client ID:	BCS-21-07 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	23
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	23

D 9 13C4 PFHpA, CAS: STL01892

Signal: 1

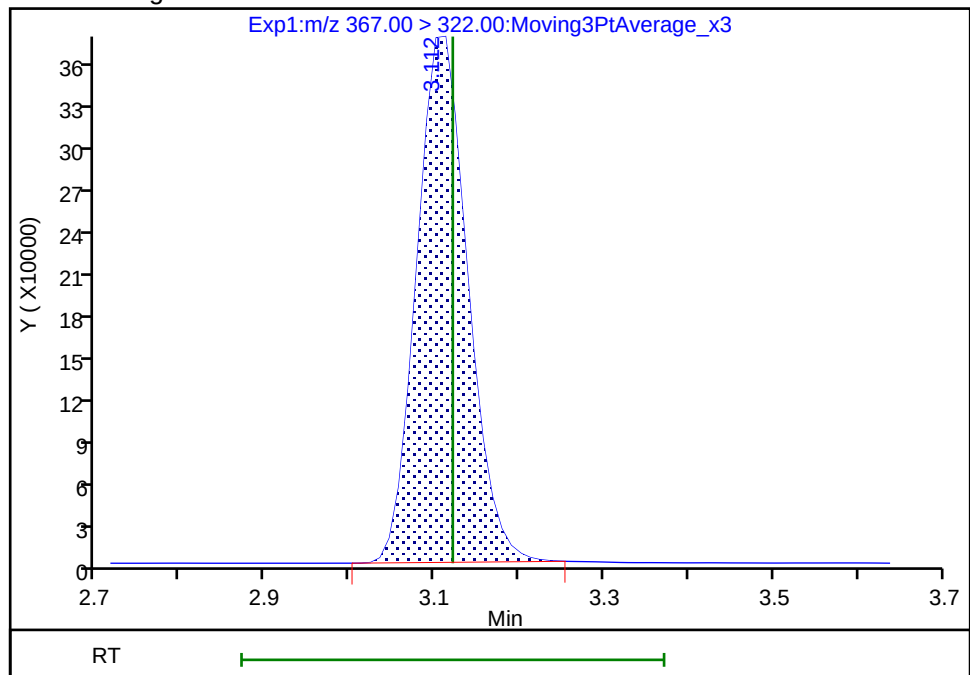
RT: 3.11
Area: 1592169
Amount: 1.223317
Amount Units: ng/ml

Processing Integration Results



RT: 3.11
Area: 1579379
Amount: 1.223371
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:05:45
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

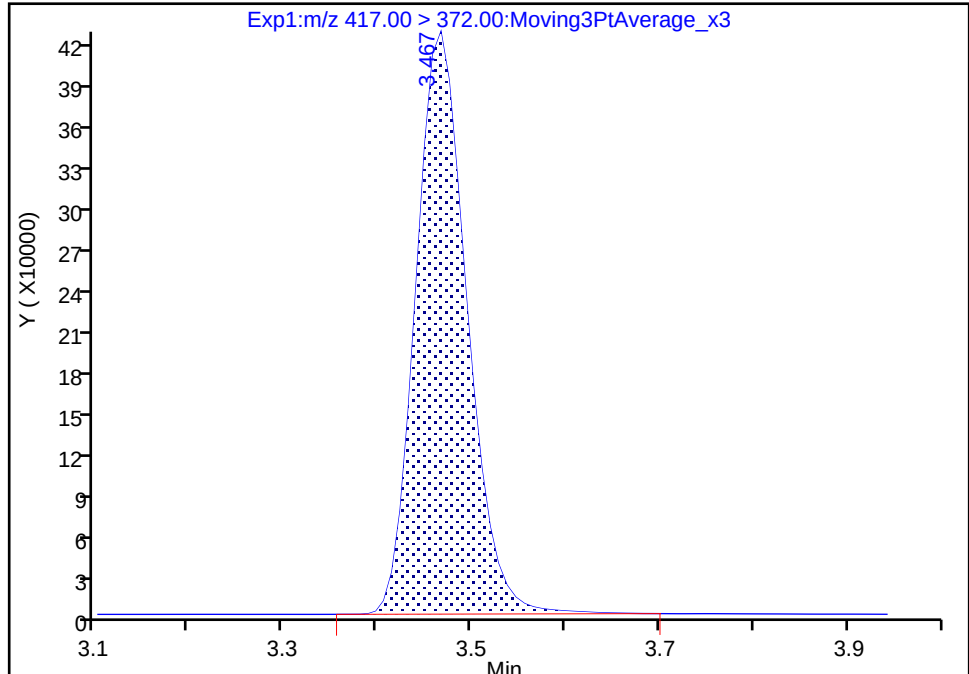
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d		
Injection Date:	04-Aug-2022 23:34:20	Instrument ID:	LC812
Lims ID:	460-262853-A-3-A	Lab Sample ID:	200-262853-3
Client ID:	BCS-21-07 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	23
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	23

D 14 13C4 PFOA, CAS: STL00990

Signal: 1

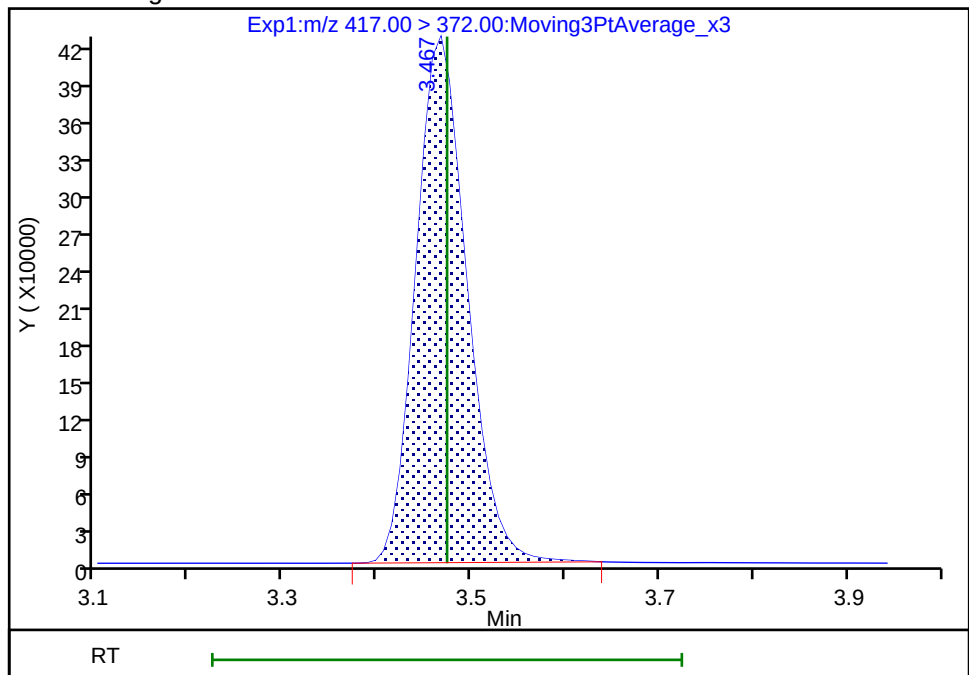
RT: 3.47
Area: 1608996
Amount: 1.206467
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 1602305
Amount: 1.211233
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:09:04
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

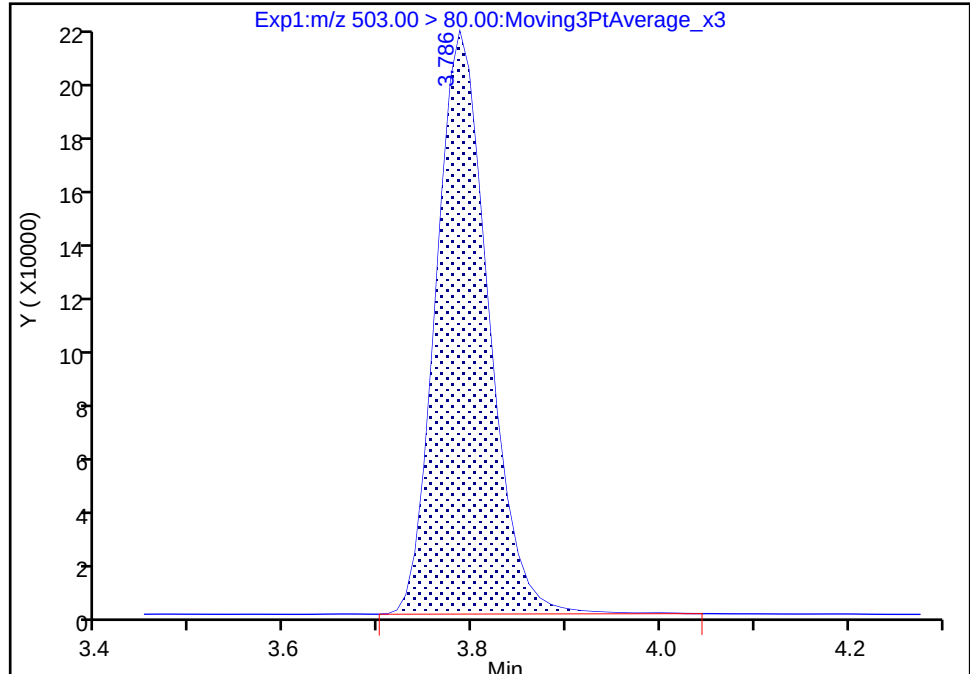
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d		
Injection Date:	04-Aug-2022 23:34:20	Instrument ID:	LC812
Lims ID:	460-262853-A-3-A	Lab Sample ID:	200-262853-3
Client ID:	BCS-21-07 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	23
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	23

D 18 13C4 PFOS, CAS: STL00991

Signal: 1

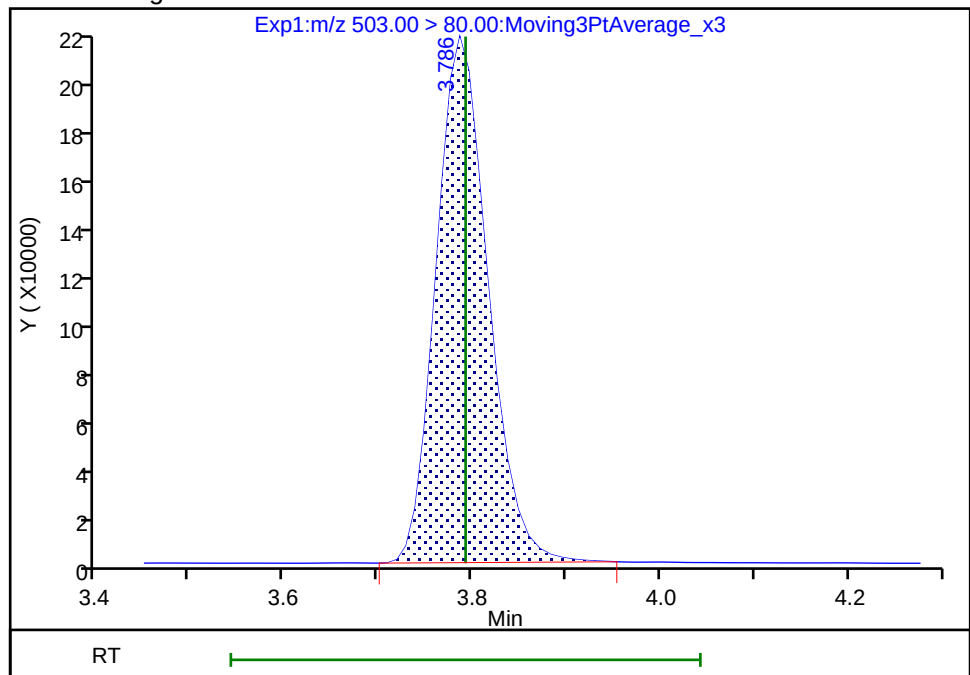
RT: 3.79
Area: 813298
Amount: 1.073608
Amount Units: ng/ml

Processing Integration Results



RT: 3.79
Area: 809429
Amount: 1.068501
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:12:13
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

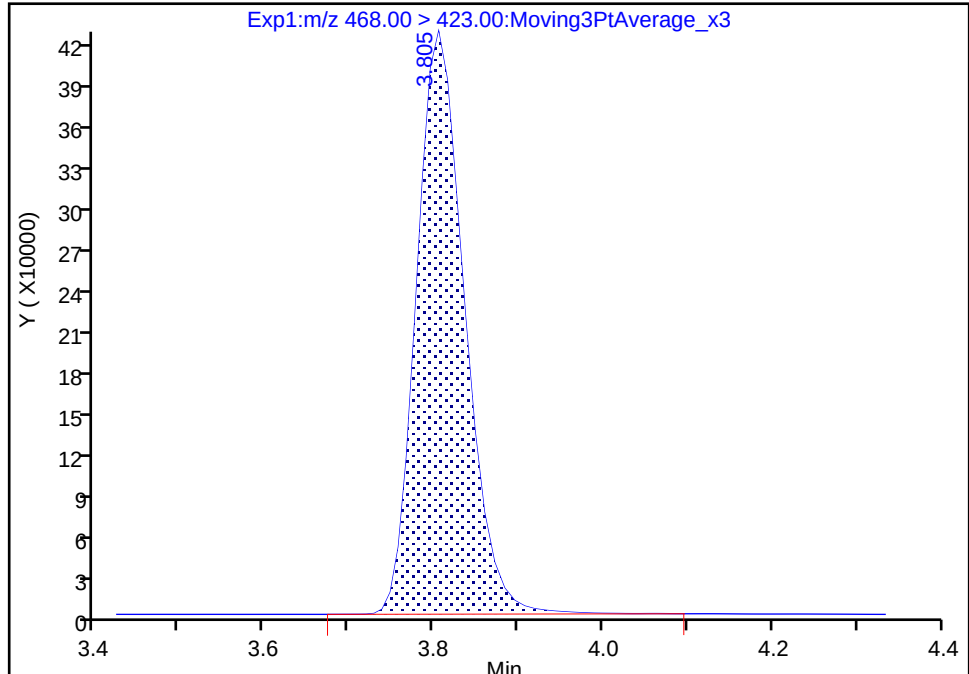
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d		
Injection Date:	04-Aug-2022 23:34:20	Instrument ID:	LC812
Lims ID:	460-262853-A-3-A	Lab Sample ID:	200-262853-3
Client ID:	BCS-21-07 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	23
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	23

D 19 13C5 PFNA, CAS: STL00995

Signal: 1

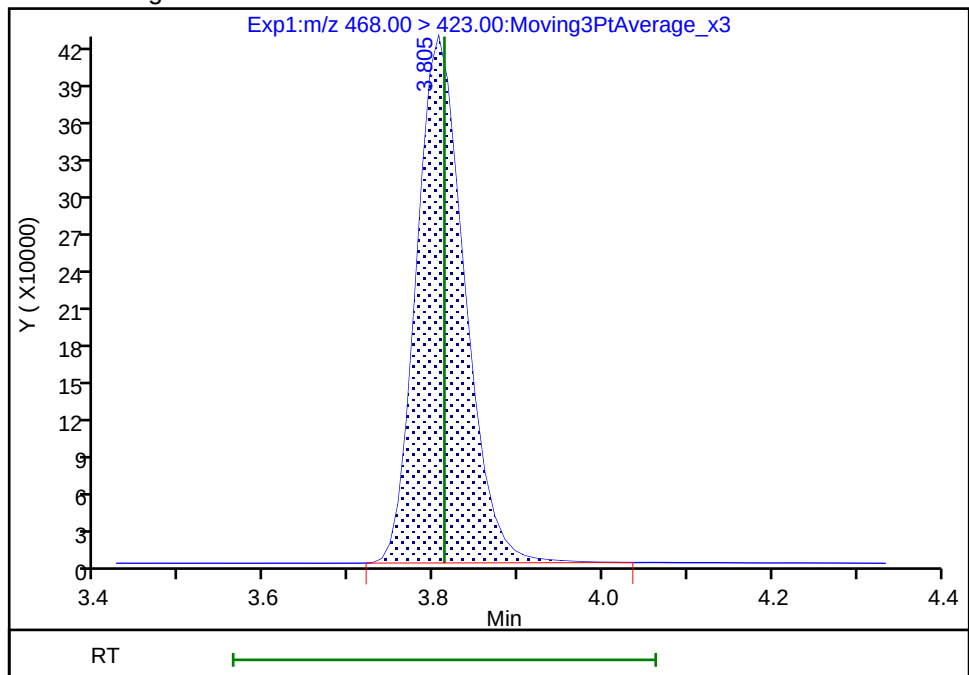
RT: 3.81
Area: 1662338
Amount: 1.197491
Amount Units: ng/ml

Processing Integration Results



RT: 3.81
Area: 1659712
Amount: 1.208491
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:09:47

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

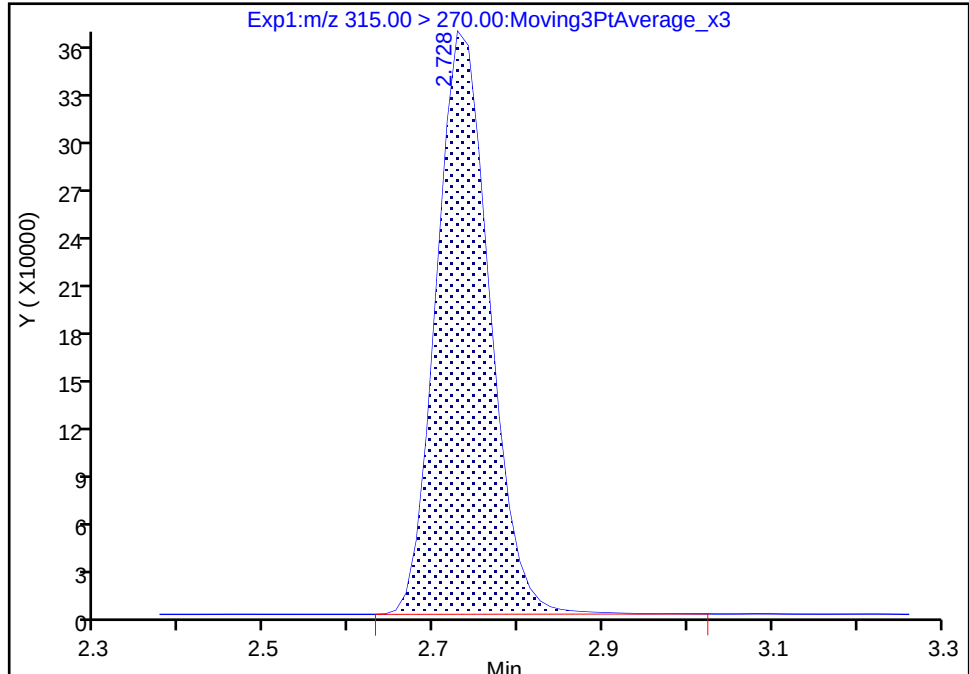
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d		
Injection Date:	04-Aug-2022 23:34:20	Instrument ID:	LC812
Lims ID:	460-262853-A-3-A	Lab Sample ID:	200-262853-3
Client ID:	BCS-21-07 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	23
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	23

D 7 13C2 PFHxA, CAS: STL00993

Signal: 1

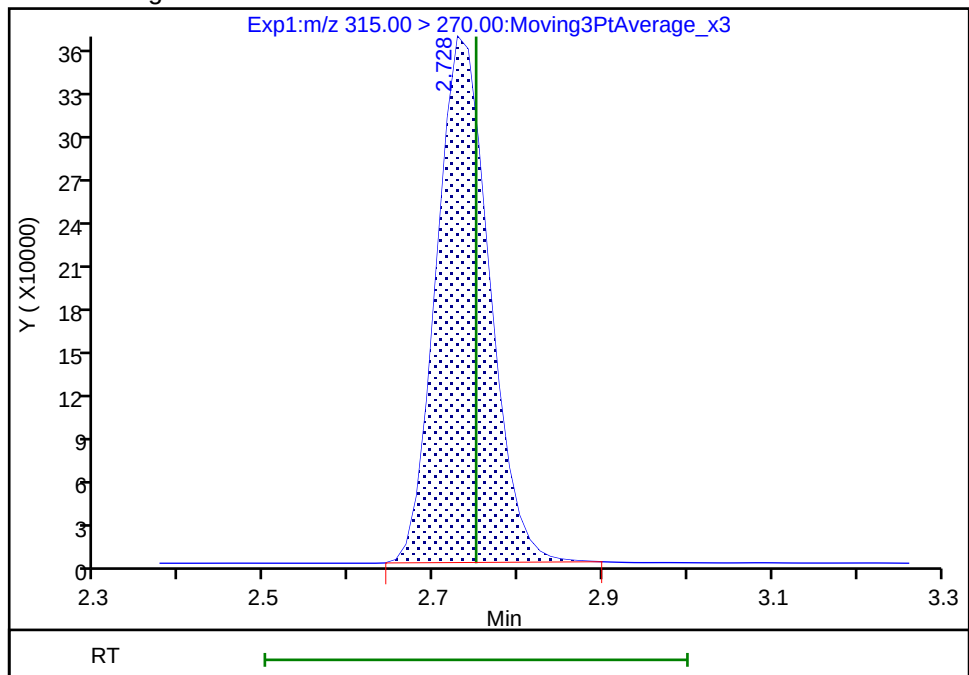
RT: 2.73
Area: 1574031
Amount: 1.254428
Amount Units: ng/ml

Processing Integration Results



RT: 2.73
Area: 1564191
Amount: 1.256736
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:05:14
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

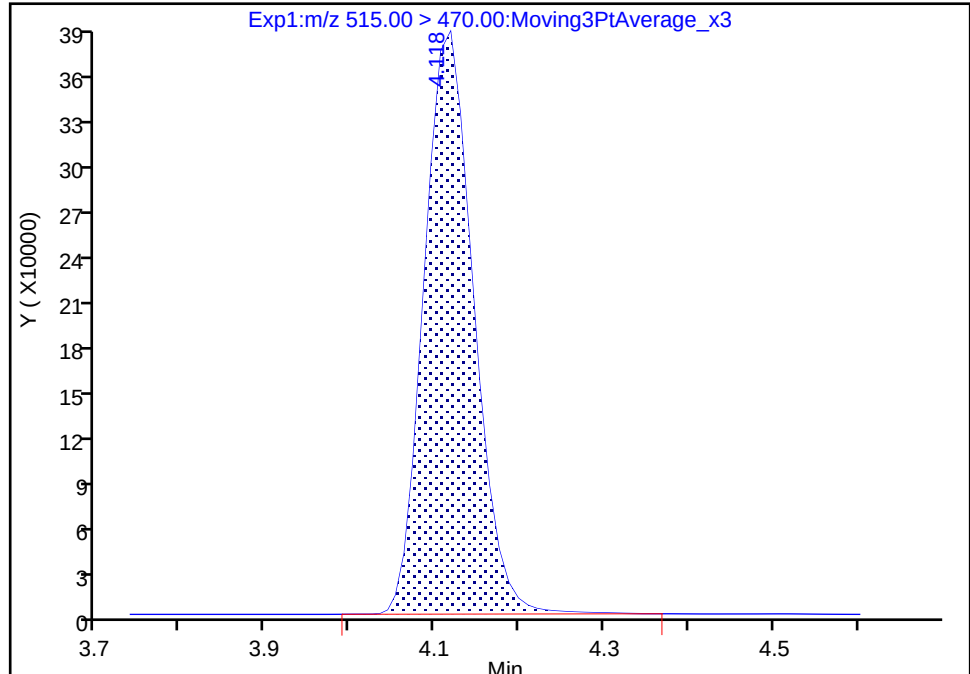
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d		
Injection Date:	04-Aug-2022 23:34:20	Instrument ID:	LC812
Lims ID:	460-262853-A-3-A	Lab Sample ID:	200-262853-3
Client ID:	BCS-21-07 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	23
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	23

D 23 13C2 PFDA, CAS: STL00996

Signal: 1

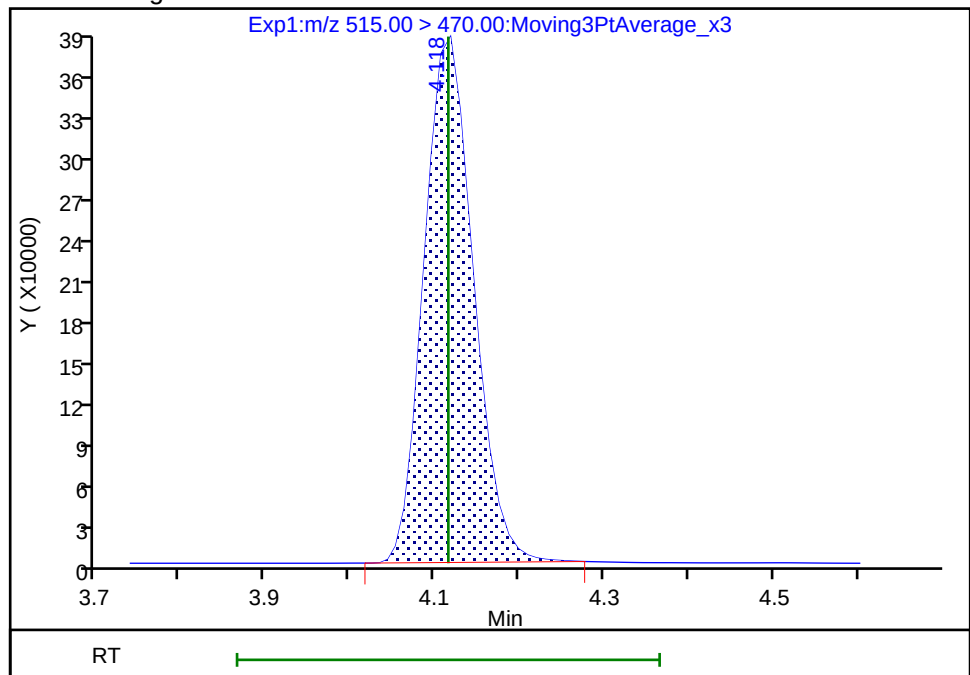
RT: 4.12
Area: 1554741
Amount: 1.163191
Amount Units: ng/ml

Processing Integration Results



RT: 4.12
Area: 1545117
Amount: 1.155991
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:12:28
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

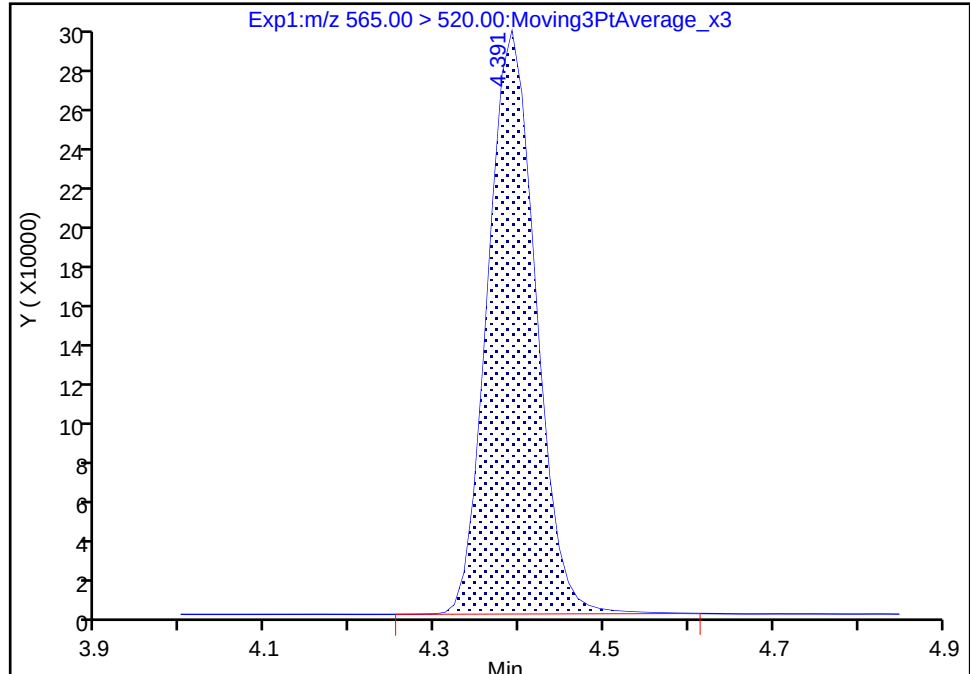
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d		
Injection Date:	04-Aug-2022 23:34:20	Instrument ID:	LC812
Lims ID:	460-262853-A-3-A	Lab Sample ID:	200-262853-3
Client ID:	BCS-21-07 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	23
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	23

D 30 13C2 PFUnA, CAS: STL00997

Signal: 1

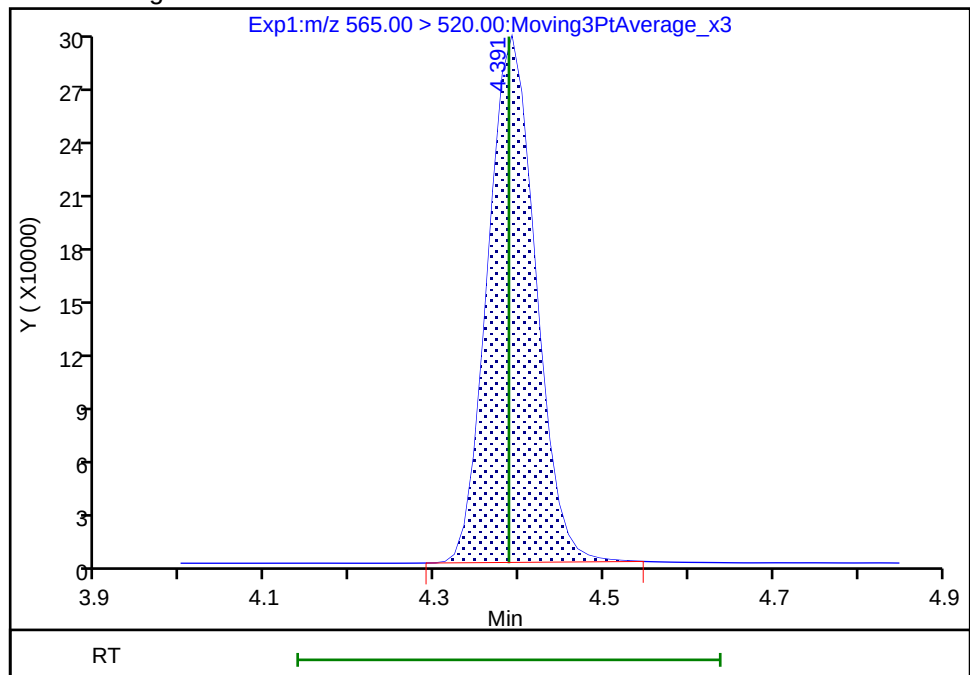
RT: 4.39
Area: 1165720
Amount: 1.151074
Amount Units: ng/ml

Processing Integration Results



RT: 4.39
Area: 1159215
Amount: 1.144650
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:13:00
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

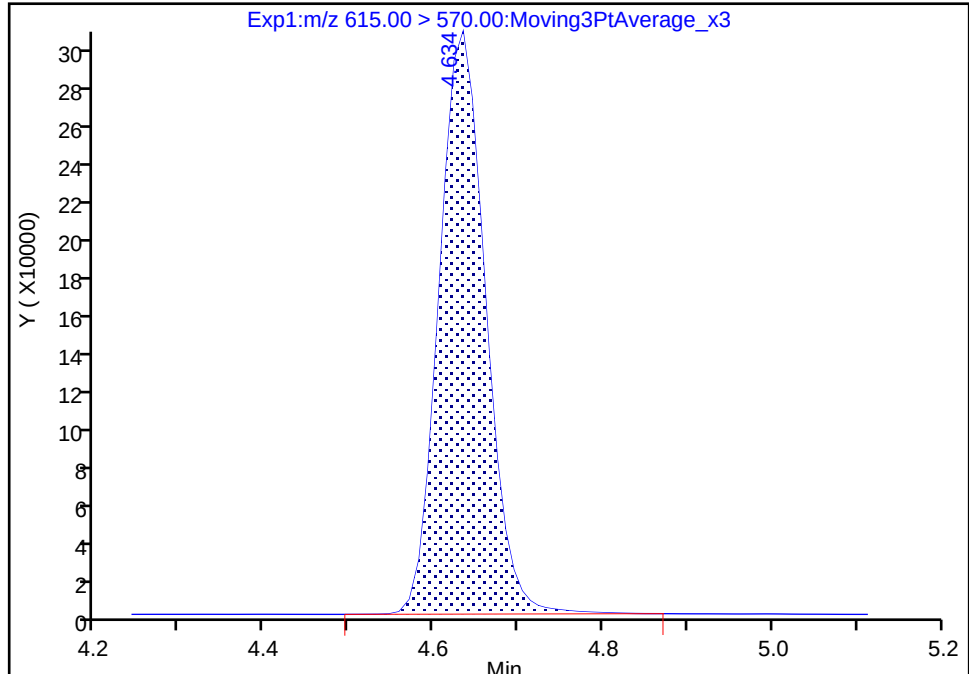
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d		
Injection Date:	04-Aug-2022 23:34:20	Instrument ID:	LC812
Lims ID:	460-262853-A-3-A	Lab Sample ID:	200-262853-3
Client ID:	BCS-21-07 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	23
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	23

D 36 13C2 PFD_oA, CAS: STL00998

Signal: 1

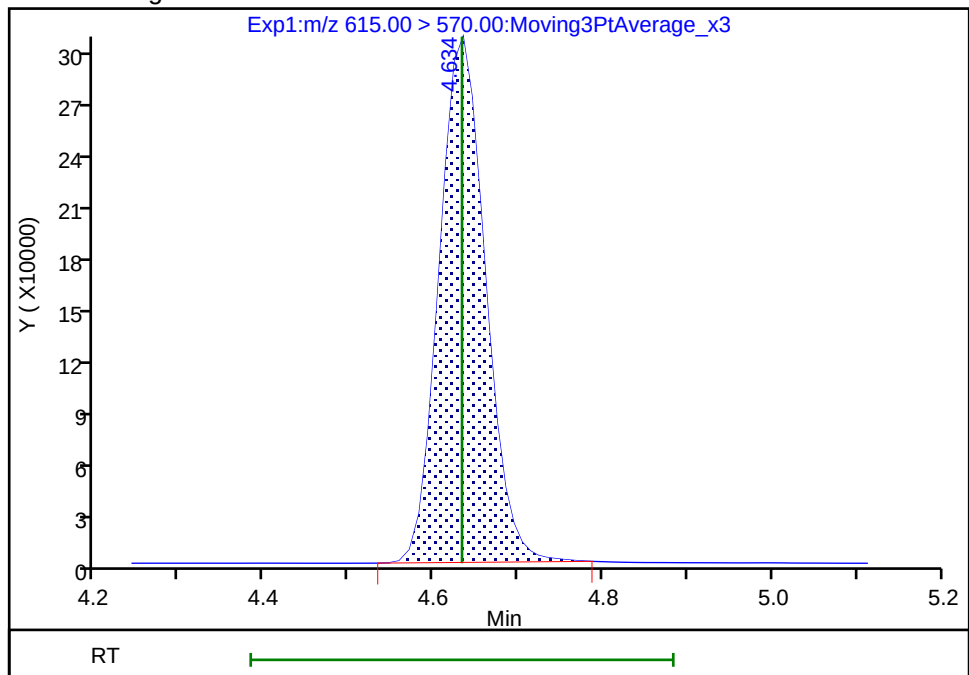
RT: 4.63
Area: 1165607
Amount: 1.110709
Amount Units: ng/ml

Processing Integration Results



RT: 4.63
Area: 1157839
Amount: 1.103306
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:13:11
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

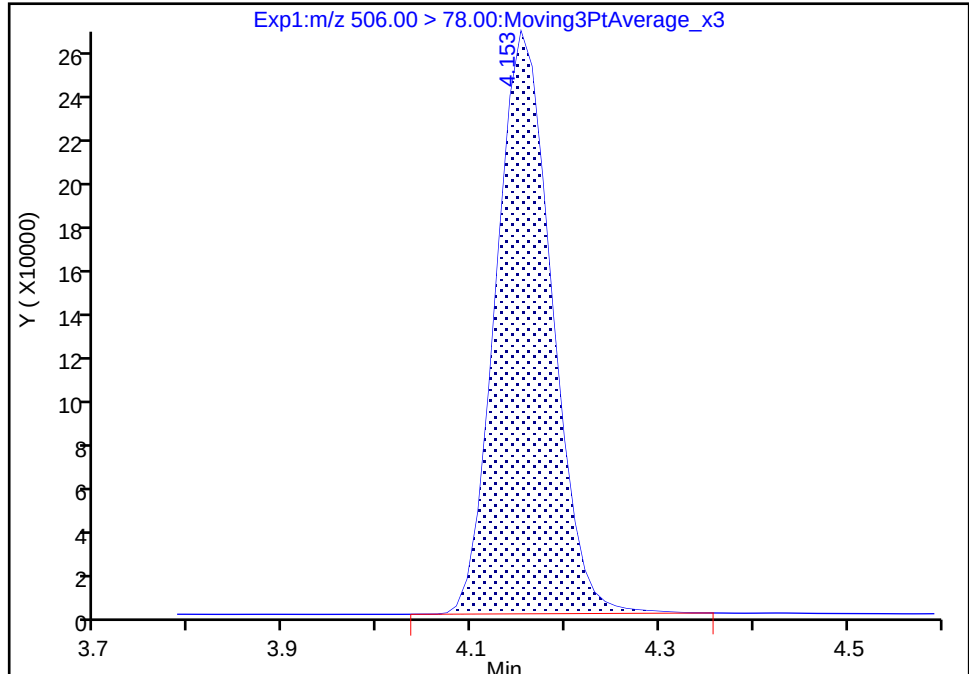
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d		
Injection Date:	04-Aug-2022 23:34:20	Instrument ID:	LC812
Lims ID:	460-262853-A-3-A	Lab Sample ID:	200-262853-3
Client ID:	BCS-21-07 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	23
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	23

D 21 13C8 FOSA, CAS: STL01056

Signal: 1

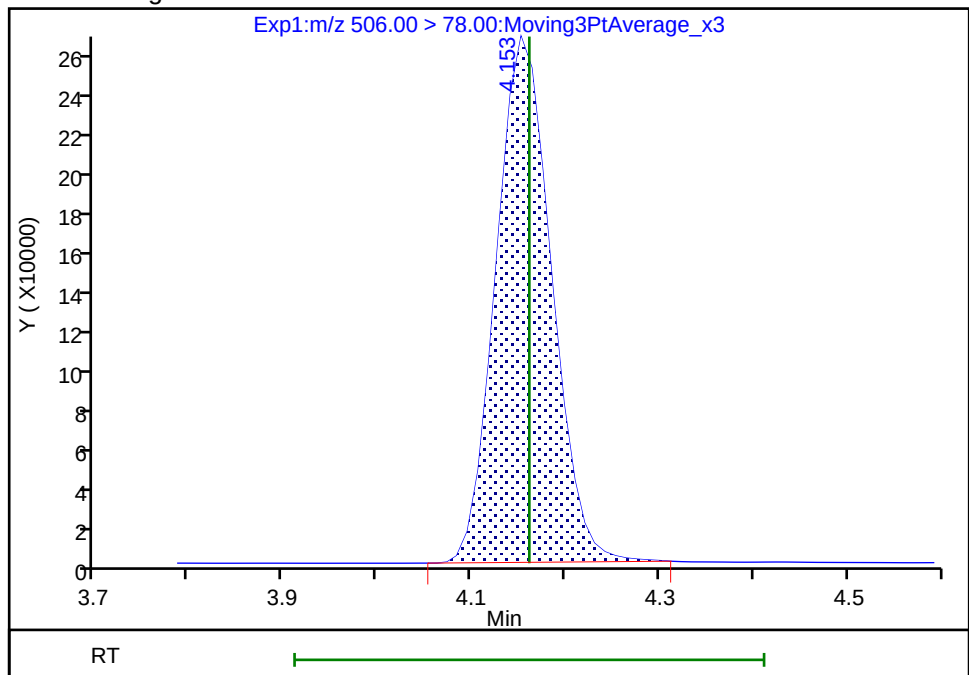
RT: 4.15
Area: 1089357
Amount: 0.931202
Amount Units: ng/ml

Processing Integration Results



RT: 4.15
Area: 1085148
Amount: 0.927604
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:12:48
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

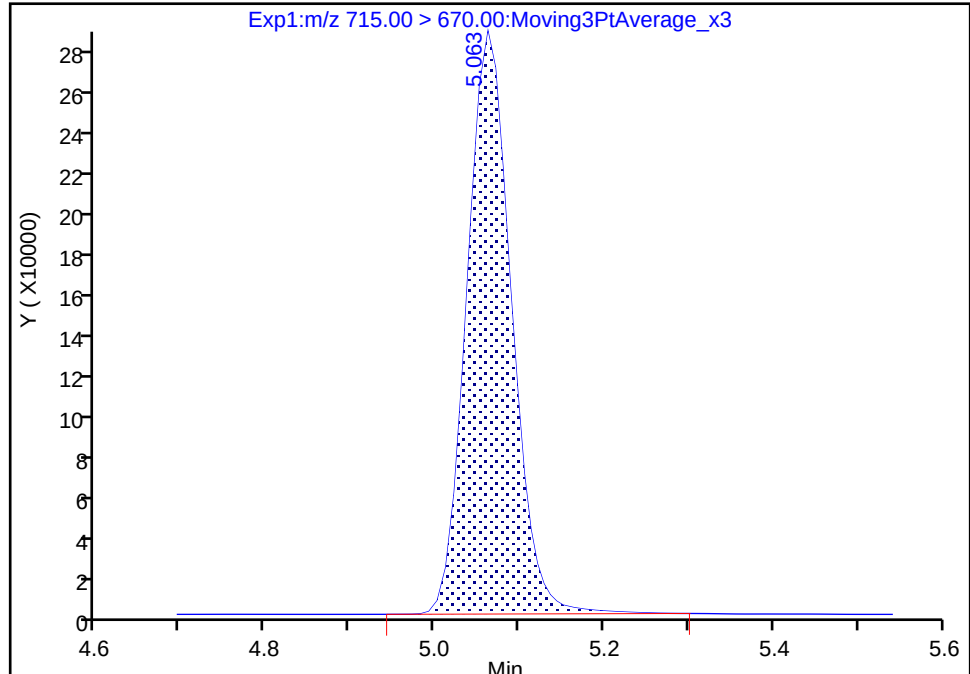
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d		
Injection Date:	04-Aug-2022 23:34:20	Instrument ID:	LC812
Lims ID:	460-262853-A-3-A	Lab Sample ID:	200-262853-3
Client ID:	BCS-21-07 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	23
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	23

D 43 13C2 PFTeDA, CAS: STL02116

Signal: 1

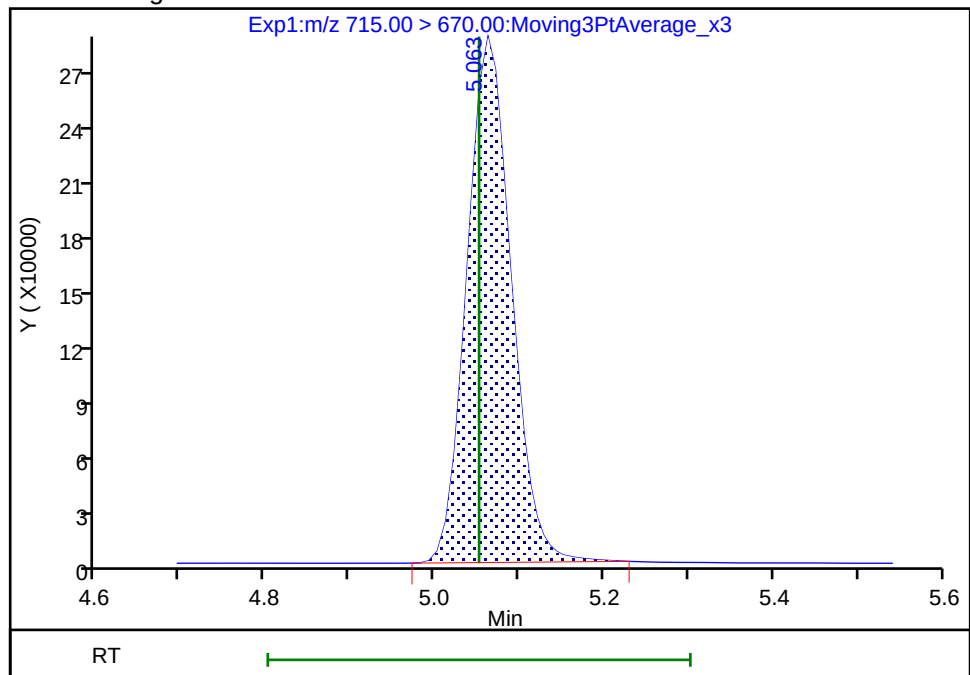
RT: 5.06
Area: 1052974
Amount: 1.227419
Amount Units: ng/ml

Processing Integration Results



RT: 5.06
Area: 1046724
Amount: 1.220134
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:13:19

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

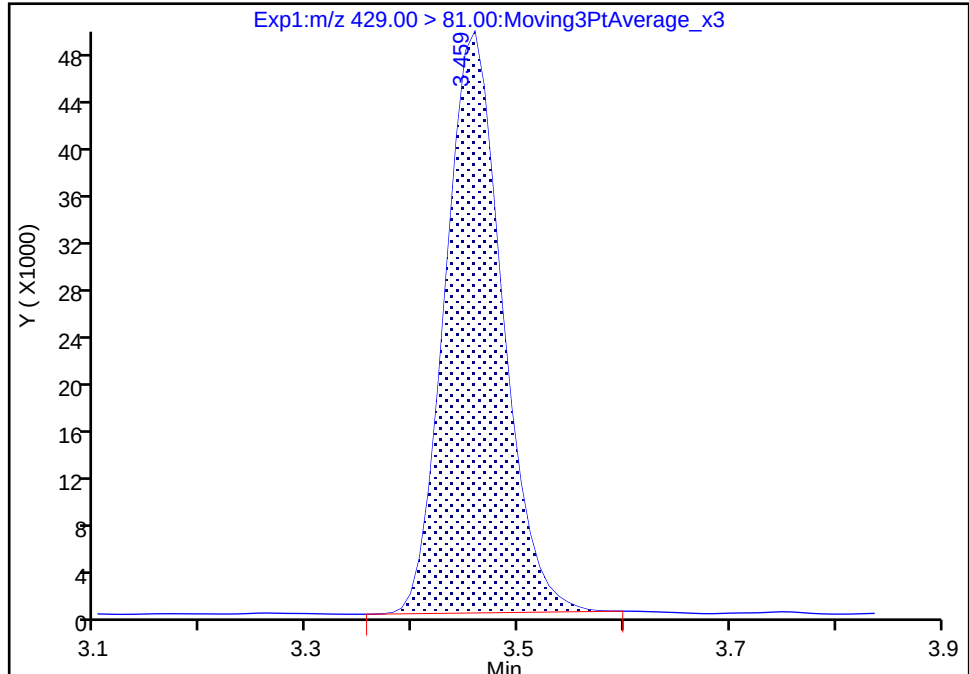
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d		
Injection Date:	04-Aug-2022 23:34:20	Instrument ID:	LC812
Lims ID:	460-262853-A-3-A	Lab Sample ID:	200-262853-3
Client ID:	BCS-21-07 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	23
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	23

D 12 M2-6:2 FTS, CAS: STL02279

Signal: 1

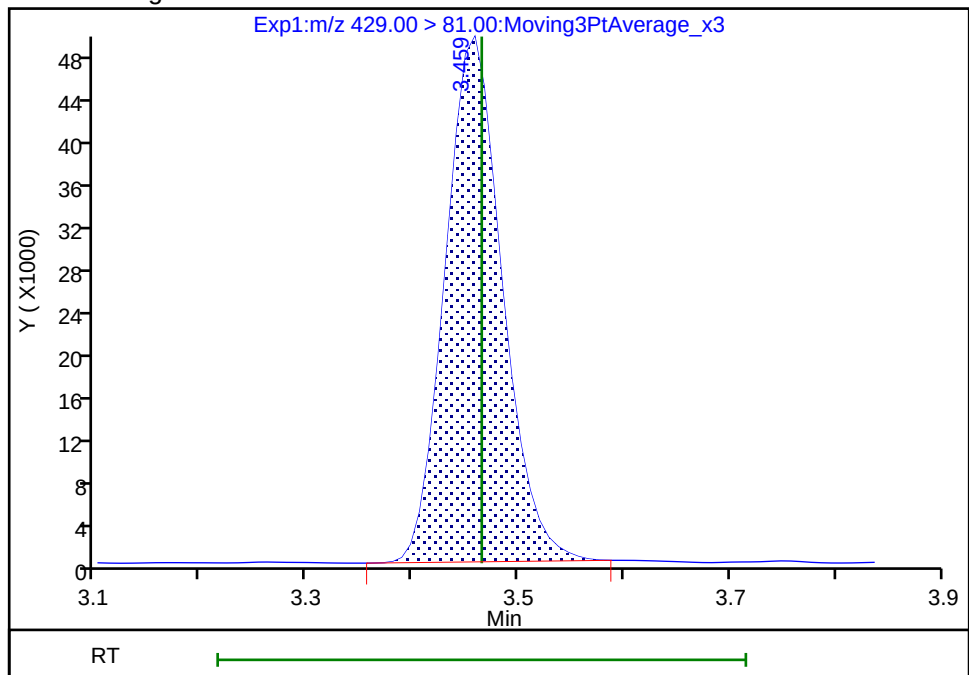
RT: 3.46
Area: 186913
Amount: 1.091879
Amount Units: ng/ml

Processing Integration Results



RT: 3.46
Area: 186809
Amount: 1.100158
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:05:57

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

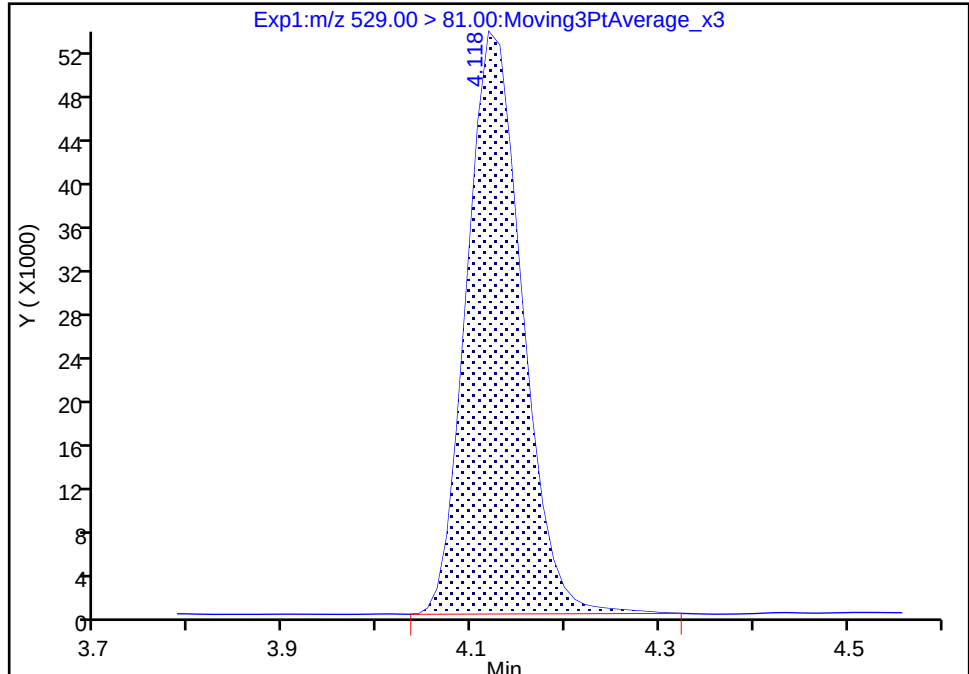
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d		
Injection Date:	04-Aug-2022 23:34:20	Instrument ID:	LC812
Lims ID:	460-262853-A-3-A	Lab Sample ID:	200-262853-3
Client ID:	BCS-21-07 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	23
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	23

D 26 M2-8:2 FTS, CAS: STL02280

Signal: 1

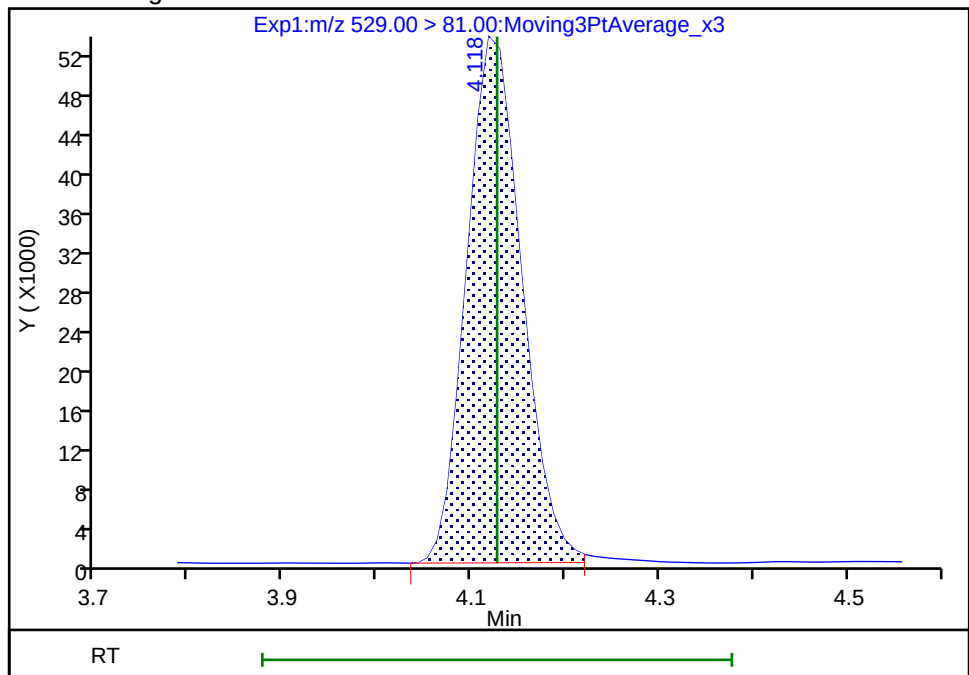
RT: 4.12
Area: 219031
Amount: 1.072062
Amount Units: ng/ml

Processing Integration Results



RT: 4.12
Area: 217048
Amount: 1.062356
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:12:39
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

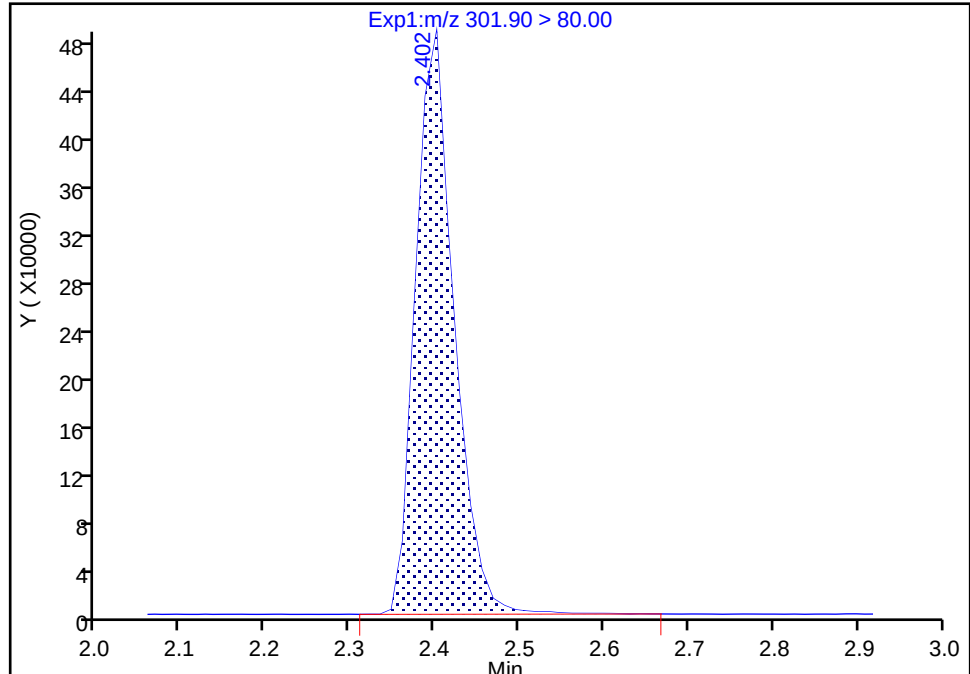
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d		
Injection Date:	04-Aug-2022 23:34:20	Instrument ID:	LC812
Lims ID:	460-262853-A-3-A	Lab Sample ID:	200-262853-3
Client ID:	BCS-21-07 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	23
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	23

D 47 13C3 PFBS, CAS: STL02337

Signal: 1

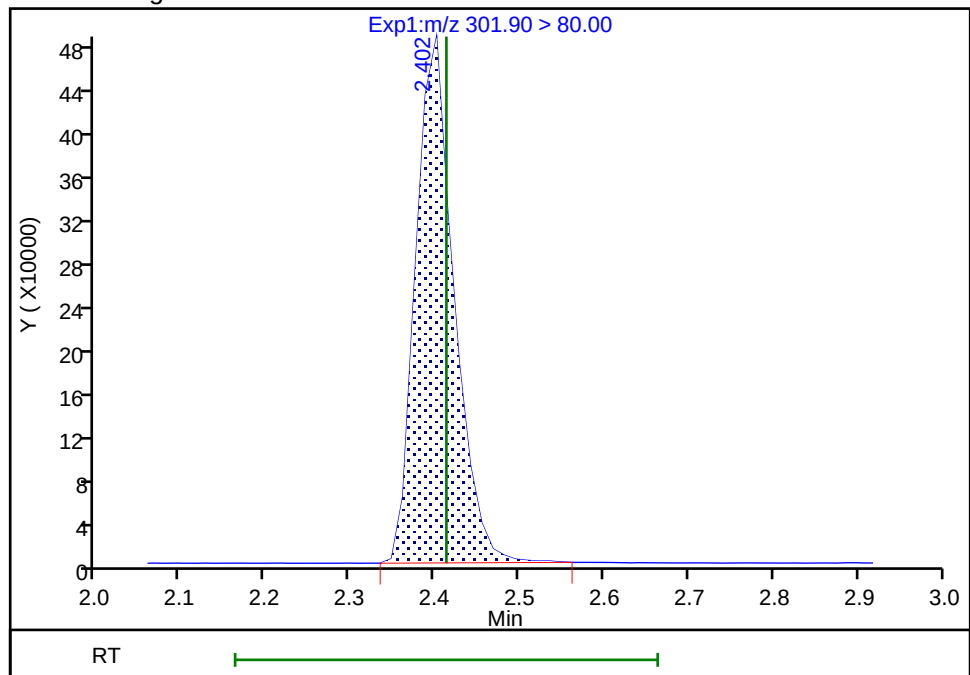
RT: 2.40
Area: 1531792
Amount: 1.050580
Amount Units: ng/ml

Processing Integration Results



RT: 2.40
Area: 1525749
Amount: 1.057719
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:09:37

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

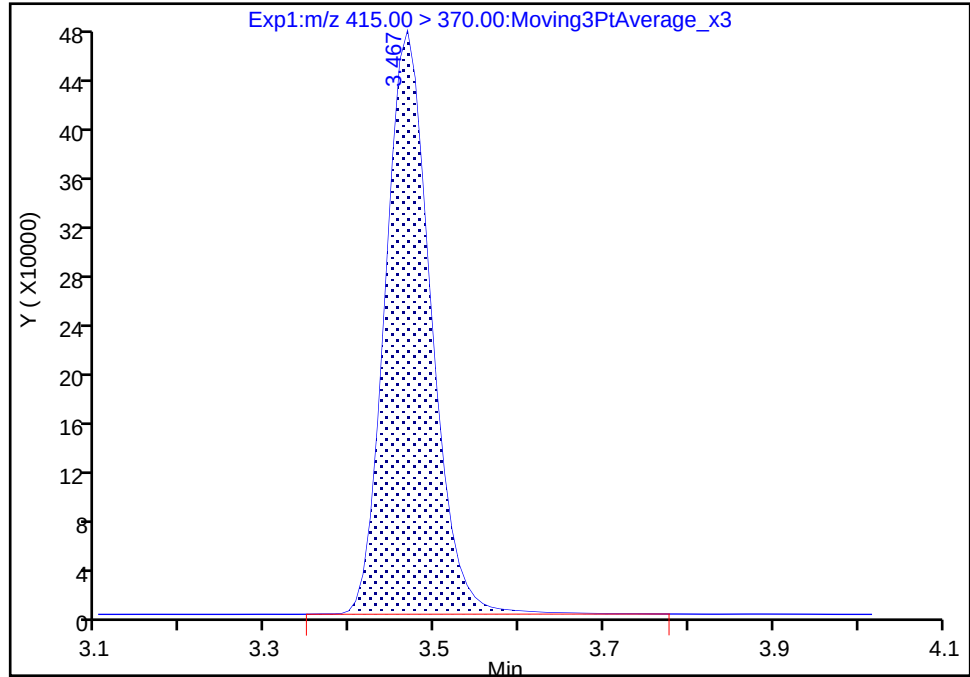
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D23.d		
Injection Date:	04-Aug-2022 23:34:20	Instrument ID:	LC812
Lims ID:	460-262853-A-3-A	Lab Sample ID:	200-262853-3
Client ID:	BCS-21-07 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	23
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	23

* 62 13C2 PFOA, CAS: STL00623

Signal: 1

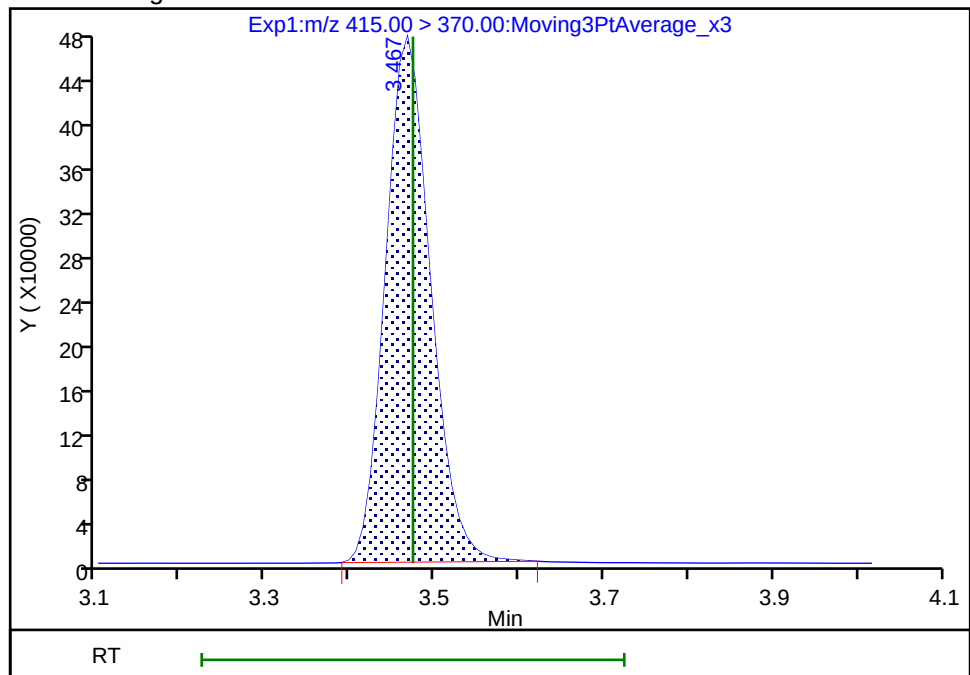
RT: 3.47
Area: 1754715
Amount: 1.250000
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 1735997
Amount: 1.250000
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:09:11
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 460-262853-1

SDG No.: _____

Client Sample ID: BCS-21-08 P (4-4.5) Lab Sample ID: 460-262853-4

Matrix: Solid Lab File ID: PA220804D24.d

Analysis Method: 537 (modified) Date Collected: 07/28/2022 14:05

Extraction Method: SHAKE Date Extracted: 08/04/2022 08:35

Sample wt/vol: 5.00 (g) Date Analyzed: 08/04/2022 23:42

Con. Extract Vol.: 10 (mL) Dilution Factor: 1

Injection Volume: 20 (uL) GC Column: C-18 ID: 4.6 (mm)

% Moisture: 10.3 % Solids: 89.7 GPC Cleanup: (Y/N) N

Cleanup Factor: _____

Analysis Batch No.: 182390 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	0.56	U	0.56	0.37
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.098	J	0.22	0.061
307-24-4	Perfluorohexanoic acid (PFHxA)	0.068	J	0.22	0.051
375-85-9	Perfluoroheptanoic acid (PFHpA)	0.061	J	0.22	0.044
335-67-1	Perfluorooctanoic acid (PFOA)	0.19	J	0.22	0.065
375-95-1	Perfluorononanoic acid (PFNA)	0.061	J	0.22	0.038
335-76-2	Perfluorodecanoic acid (PFDA)	0.22	U	0.22	0.031
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.22	U	0.22	0.030
307-55-1	Perfluorododecanoic acid (PFDoA)	0.22	U	0.22	0.028
72629-94-8	Perfluorotridecanoic acid (PFTriA)	0.22	U	0.22	0.028
376-06-7	Perfluorotetradecanoic acid (PFTeA)	0.22	U	0.22	0.029
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.22	U	0.22	0.037
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	0.22	U	0.22	0.046
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	0.22	U	0.22	0.026
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.51		0.22	0.12
335-77-3	Perfluorodecanesulfonic acid (PFDS)	0.22	U	0.22	0.021
754-91-6	Perfluorooctanesulfonamide (FOSA)	0.22	U	0.22	0.038
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.23	U	2.23	0.12
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.23	U	2.23	0.093
27619-97-2	6:2 FTS	2.23	U	2.23	0.064
39108-34-4	8:2 FTS	2.23	U	2.23	0.041

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Burlington</u>	Job No.: <u>460-262853-1</u>
SDG No.: _____	
Client Sample ID: <u>BCS-21-08 P (4-4.5)</u>	Lab Sample ID: <u>460-262853-4</u>
Matrix: <u>Solid</u>	Lab File ID: <u>PA220804D24.d</u>
Analysis Method: <u>537 (modified)</u>	Date Collected: <u>07/28/2022 14:05</u>
Extraction Method: <u>SHAKE</u>	Date Extracted: <u>08/04/2022 08:35</u>
Sample wt/vol: <u>5.00 (g)</u>	Date Analyzed: <u>08/04/2022 23:42</u>
Con. Extract Vol.: <u>10 (mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>20 (uL)</u>	GC Column: <u>C-18</u> ID: <u>4.6 (mm)</u>
% Moisture: <u>10.3</u> % Solids: <u>89.7</u>	GPC Cleanup: (Y/N) <u>N</u>
Cleanup Factor: _____	
Analysis Batch No.: <u>182390</u>	Units: <u>ug/Kg</u>

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00994	18O2 PFHxS	80		50-150
STL01892	13C4 PFHpA	95		50-150
STL00990	13C4 PFOA	91		50-150
STL00991	13C4 PFOS	78		50-150
STL00995	13C5 PFNA	88		50-150
STL00992	13C4 PFBA	89		50-150
STL00993	13C2 PFHxA	94		50-150
STL00996	13C2 PFDA	89		50-150
STL00997	13C2 PFUnA	92		50-150
STL00998	13C2 PFDoA	91		50-150
STL01056	13C8 FOSA	77		50-150
STL01893	13C5 PFPeA	91		50-150
STL02116	13C2 PFTeDA	103		50-150
STL02118	d3-NMeFOSAA	72		50-150
STL02117	d5-NEtFOSAA	74		50-150
STL02279	M2-6:2 FTS	75		50-150
STL02280	M2-8:2 FTS	80		50-150
STL02337	13C3 PFBS	81		50-150

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d
 Lims ID: 460-262853-A-4-A
 Client ID: BCS-21-08 P (4-4.5)
 Sample Type: Client
 Inject. Date: 04-Aug-2022 23:42:33 ALS Bottle#: 24 Worklist Smp#: 24
 Injection Vol: 20.0 ul Dil. Factor: 1.0000
 Sample Info: 460-262853-A-4-A
 Misc. Info.: 200-0051964-024 Plate: 1 Rack: 4
 Operator ID: lc812tech Instrument ID: LC812
 Method: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PFC_LC812.m
 Limit Group: LC_PFC_ICAL
 Last Update: 08-Aug-2022 12:20:08 Calib Date: 03-Aug-2022 13:41:11
 Integrator: Picker
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
 Column 1 : C-18 (4.60 mm) Det: EXP1
 Process Host: CTX1679

First Level Reviewer: nampitakw

Date: 05-Aug-2022 14:22:06

Ratio Calibration: Initial Calibration Level: 4

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										M
217.00 > 172.00	2.076	2.076	0.0	0.599	1741440	1.11		88.6	5479	M
2 Perfluorobutanoic acid										M
212.90 > 169.00	2.076	2.085	-0.009	1.000	30759	0.0228			3.4	M
D 3 13C5 PFPeA										M
267.90 > 223.00	2.387	2.400	-0.013	0.689	1374150	1.14		90.8	2182	M
4 Perfluoropentanoic acid										M
262.90 > 219.00	2.373	2.400	-0.027	0.994	49574	0.0437			1.5	M
D 47 13C3 PFBS										M
301.90 > 80.00	2.400	2.413	-0.013	0.693	1312385	0.9373		80.6	140427	M
5 Perfluorobutanesulfonic acid										M
298.90 > 80.00	2.400	2.413	-0.013	1.000	2893	0.002322	Target=2.23		2.3	
298.90 > 99.00	2.400	2.413	-0.013	1.000	1398		2.07(1.11-3.34)		0.5	M
6 Perfluorohexanoic acid										M
313.00 > 269.00	2.738	2.750	-0.012	1.004	36417	0.0307	Target=12.24		5.0	
313.00 > 119.00	2.738	2.750	-0.012	1.004	2505		14.54(6.12-18.36)		4.0	M
D 7 13C2 PFHxA										M
315.00 > 270.00	2.725	2.750	-0.025	0.787	1421293	1.18		94.1	1989	M
D 11 18O2 PFHxS										M
403.00 > 84.00	3.099	3.110	-0.011	0.894	933463	0.9479		80.2	1708	M
8 Perfluorohexanesulfonic acid										M
399.00 > 80.00	3.099	3.110	-0.011	1.000	6731	0.007731	Target=3.43		13.7	M
399.00 > 99.00	3.121	3.110	0.011	1.007	1704		3.95(1.72-5.15)		1.5	M
D 9 13C4 PFHpA										M
367.00 > 322.00	3.099	3.121	-0.022	0.894	1492206	1.19		95.3	2055	M
10 Perfluoroheptanoic acid										M
363.00 > 319.00	3.099	3.121	-0.022	1.000	33445	0.0272	Target=3.73		7.7	M
363.00 > 169.00	3.110	3.121	-0.011	1.004	7803		4.29(1.86-5.59)		19.5	M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 12 M2-6:2 FTS										
429.00 > 81.00	3.448	3.465	-0.017	0.995	146450	0.8885		74.8	231	
13 1H,1H,2H,2H-perfluorooctanesulfo										M
427.00 > 407.00	3.456	3.465	-0.009	1.003	251	-0.0154			3.3	M
16 Perfluoroheptanesulfonic acid										RM
449.00 > 80.00	3.448	3.465	-0.017	0.911	3318	0.004677	Target=4.89		4.2	RM
449.00 > 99.00	3.491	3.465	0.026	0.923	1445		2.30(2.44-7.33)		3.9	
15 Perfluorooctanoic acid										M
413.00 > 369.00	3.465	3.474	-0.009	1.000	109147	0.0831	Target=2.67		11.9	M
413.00 > 169.00	3.465	3.474	-0.009	1.000	41697		2.62(1.34-4.01)		87.4	M
D 14 13C4 PFOA										
417.00 > 372.00	3.465	3.474	-0.009	1.000	1463953	1.14		91.2	1617	M
* 62 13C2 PFOA										
415.00 > 370.00	3.465	3.474	-0.009		1685066	1.25			2359	M
17 Perfluorooctanesulfonic acid										M
499.00 > 80.00	3.680	3.792	-0.112	0.973	142286	0.2307	Target=4.88		65.4	M
499.00 > 99.00	3.783	3.792	-0.009	1.000	30860		4.61(2.44-7.32)		47.9	M
D 18 13C4 PFOS										
503.00 > 80.00	3.783	3.792	-0.009	1.092	685941	0.9329		78.1	1391	M
20 Perfluorononanoic acid										M
463.00 > 419.00	3.802	3.812	-0.010	1.000	32629	0.0274	Target=8.23		8.6	M
463.00 > 169.00	3.802	3.812	-0.010	1.000	4515		7.23(4.11-12.34)		44.4	M
D 19 13C5 PFNA										
468.00 > 423.00	3.802	3.812	-0.010	1.097	1463337	1.10		87.8	2732	
24 Perfluorodecanoic acid										M
513.00 > 469.00	4.116	4.116	0.0	1.000	2338	0.001924	Target=9.67		1.3	M
513.00 > 169.00	4.127	4.116	0.011	1.003	329		7.11(4.83-14.50)		2.3	M
D 23 13C2 PFDA										
515.00 > 470.00	4.116	4.116	0.0	1.188	1444277	1.11		89.1	1810	M
25 1H,1H,2H,2H-perfluorodecanesulfo										M
527.00 > 507.00	4.139	4.127	0.012	1.006	46	0.000301			1.6	M
D 26 M2-8:2 FTS										
529.00 > 81.00	4.116	4.127	-0.011	1.188	189503	0.9556		79.8	486	M
D 21 13C8 FOSA										
506.00 > 78.00	4.150	4.161	-0.011	1.198	1087230	0.9575		76.6	1567	M
22 Perfluorooctanesulfonamide										M
498.00 > 78.00	4.139	4.161	-0.022	0.997	484	0.000546			4.3	M
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.261	4.261	0.0	1.230	157357	0.9049		72.4	720	M
29 Perfluorodecanesulfonic acid										M
599.00 > 80.00	4.354	4.365	-0.011	1.151	442	0.001322	Target=2.80		3.0	M
D 30 13C2 PFUnA										
565.00 > 520.00	4.387	4.387	0.0	1.266	1125840	1.15		91.6	2126	
31 Perfluoroundecanoic acid										M
563.00 > 519.00	4.399	4.387	0.012	1.003	1455	0.001525	Target=9.07		1.1	M
563.00 > 169.00	4.387	4.387	0.0	1.000	176		8.27(4.54-13.61)		3.5	M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
33 N-ethylperfluorooctanesulfonamid										M
584.00 > 419.00	4.376	4.399	-0.023	0.995	509	0.004575			7.8	M
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.399	4.399	0.0	1.269	153166	0.9306		74.4	725	
D 36 13C2 PFDaA										M
615.00 > 570.00	4.633	4.633	0.0	1.337	1160015	1.14		91.1	1694	M
37 Perfluorododecanoic acid										M
613.00 > 569.00	4.623	4.633	-0.010	0.998	1171	0.001244	Target=6.97		0.3	M
613.00 > 169.00	4.633	4.633	0.0	1.000	141		8.30(3.48-10.45)		2.3	M
41 Perfluorotridecanoic acid										M
663.00 > 619.00	4.870	4.859	0.011	1.051	950	0.001164	Target=4.56		0.3	M
663.00 > 169.00	4.881	4.859	0.022	1.053	228		4.17(2.28-6.84)		3.6	M
D 43 13C2 PFTeDA										M
715.00 > 670.00	5.062	5.052	0.010	1.461	1072626	1.29		103	3306	M
42 Perfluorotetradecanoic acid										M
713.00 > 169.00	5.052	5.052	0.0	0.998	298	0.002168	Target=0.94		5.9	M
713.00 > 219.00	5.062	5.052	0.010	1.000	214		1.39(0.47-1.41)		5.2	M

QC Flag Legend

Processing Flags

R - Failed Signal Ratio Test

Review Flags

M - Manually Integrated

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d

Injection Date: 04-Aug-2022 23:42:33

Instrument ID: LC812

Lims ID: 460-262853-A-4-A

Lab Sample ID: 200-262853-4

Client ID: BCS-21-08 P (4-4.5)

Operator ID: lc812tech

ALS Bottle#: 24

Worklist Smp#: 24

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

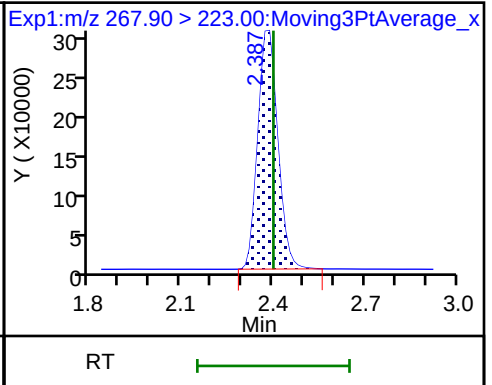
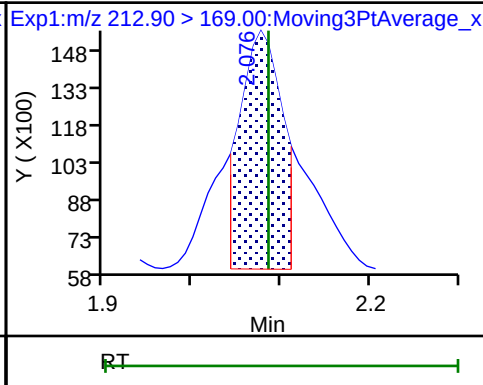
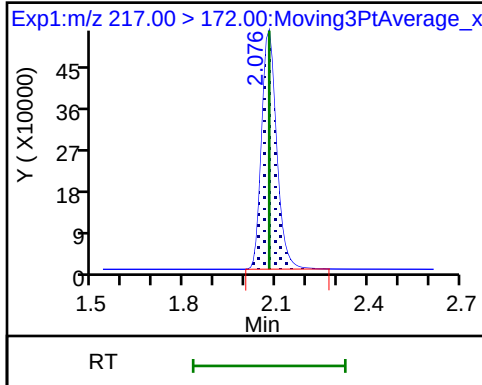
Method: PFC_LC812

Limit Group: LC_PFC_ICAL

D 1 13C4 PFBA (M)

2 Perfluorobutanoic acid (M)

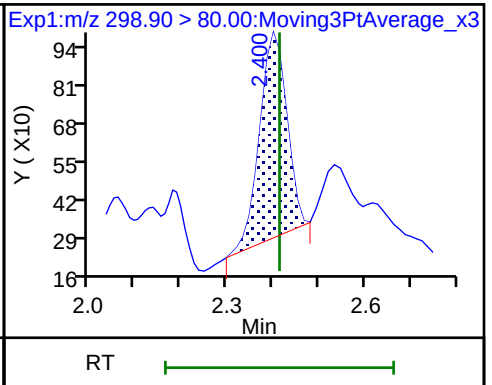
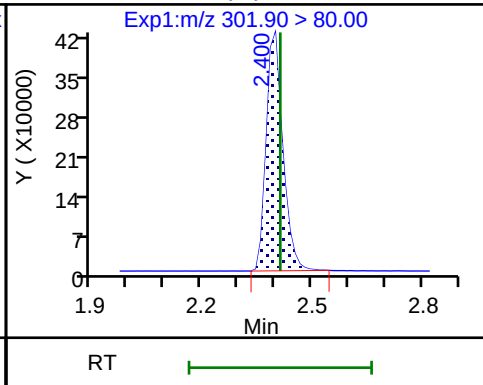
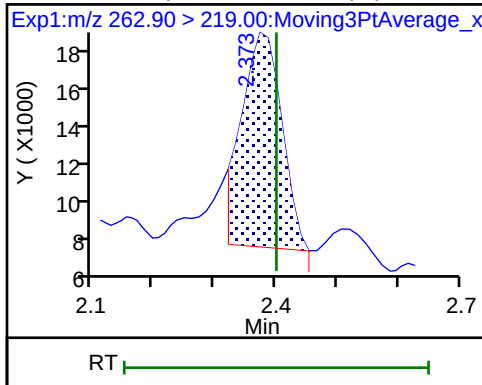
D 3 13C5 PFPeA (M)



4 Perfluoropentanoic acid (M)

D 47 13C3 PFBS (M)

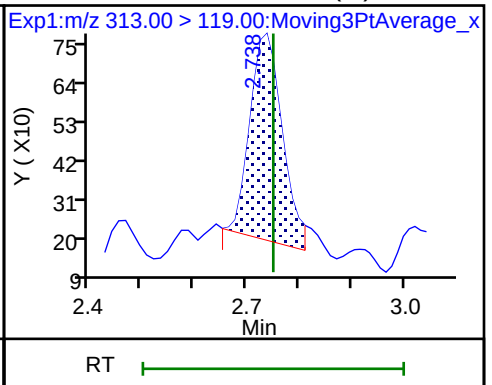
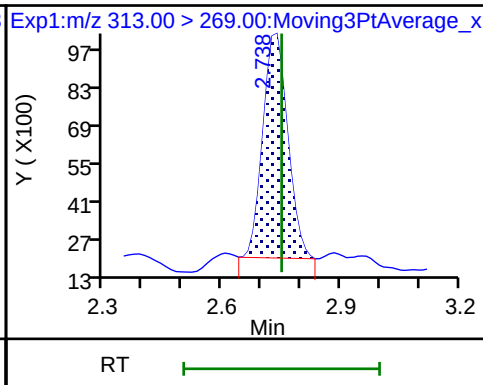
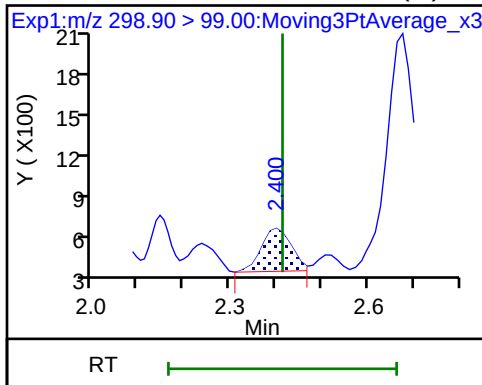
5 Perfluorobutanesulfonic acid



5 Perfluorobutanesulfonic acid (M)

6 Perfluorohexanoic acid

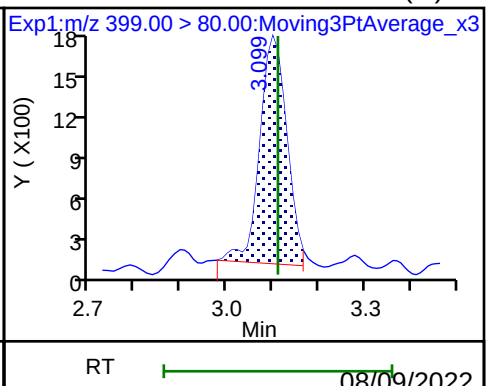
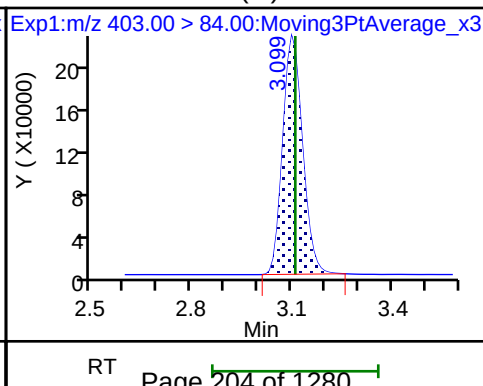
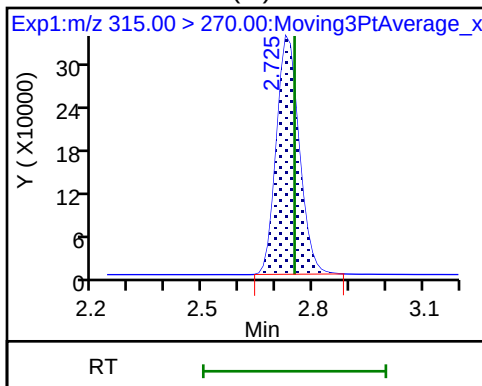
6 Perfluorohexanoic acid (M)

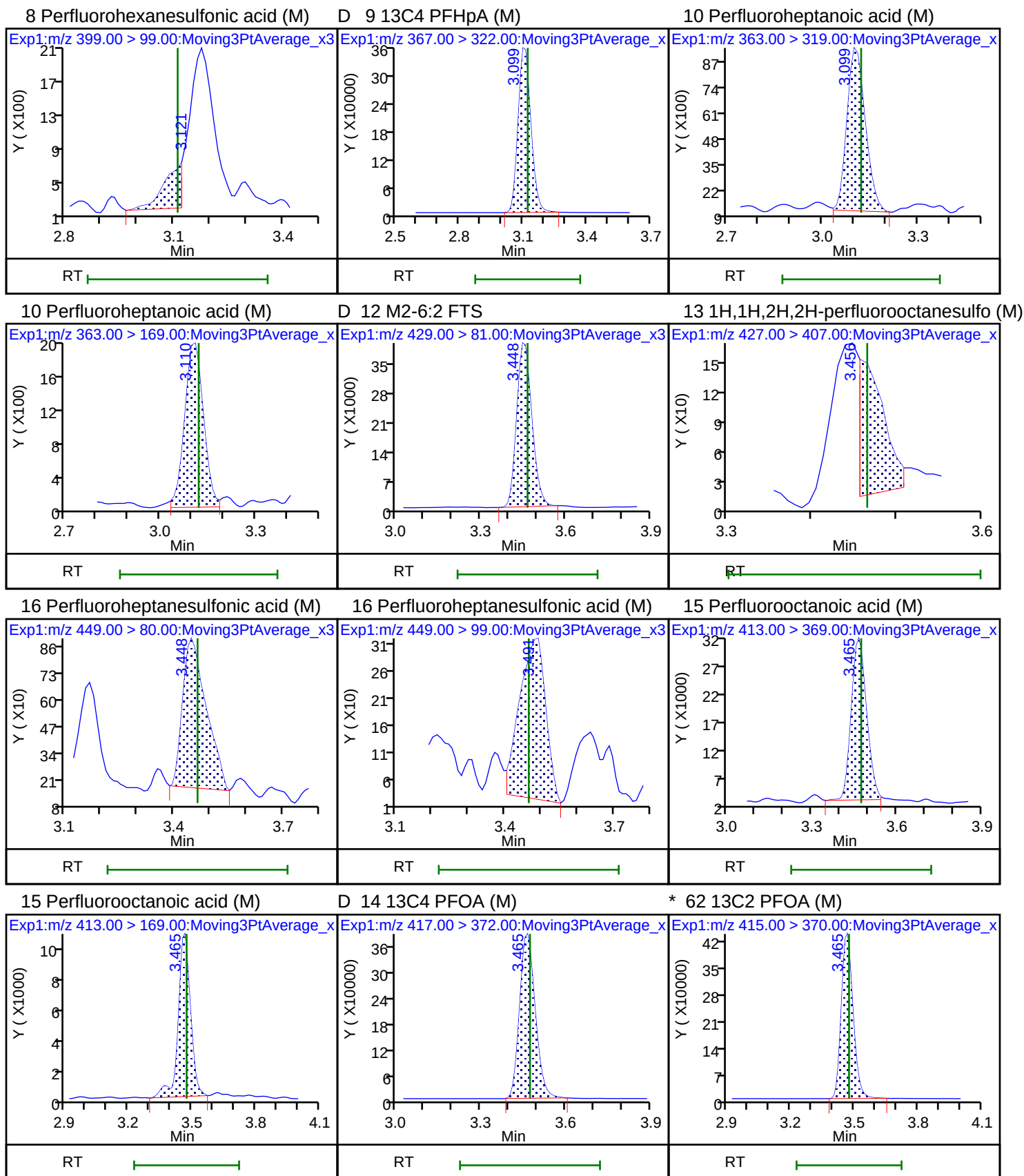


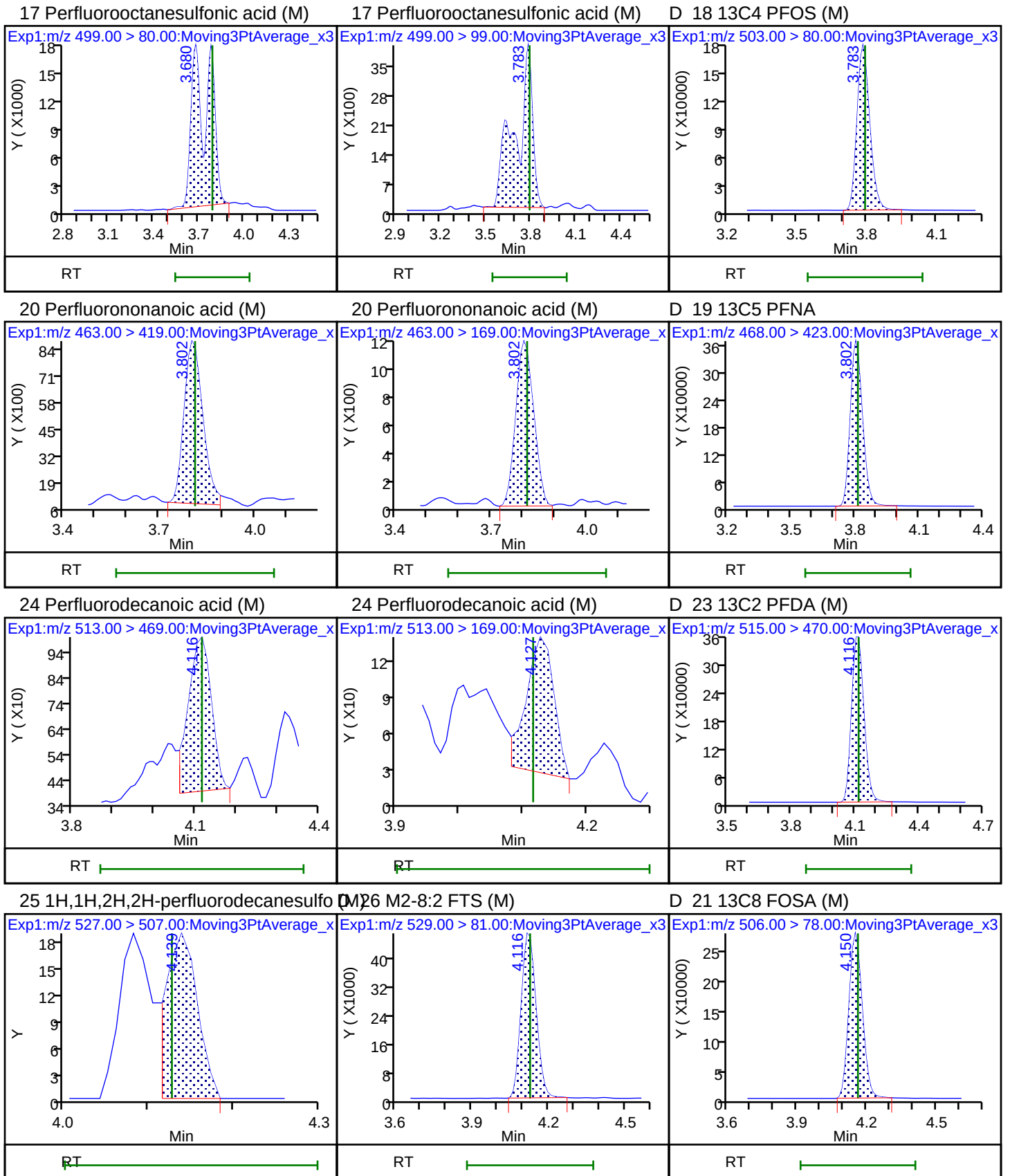
D 7 13C2 PFHxA (M)

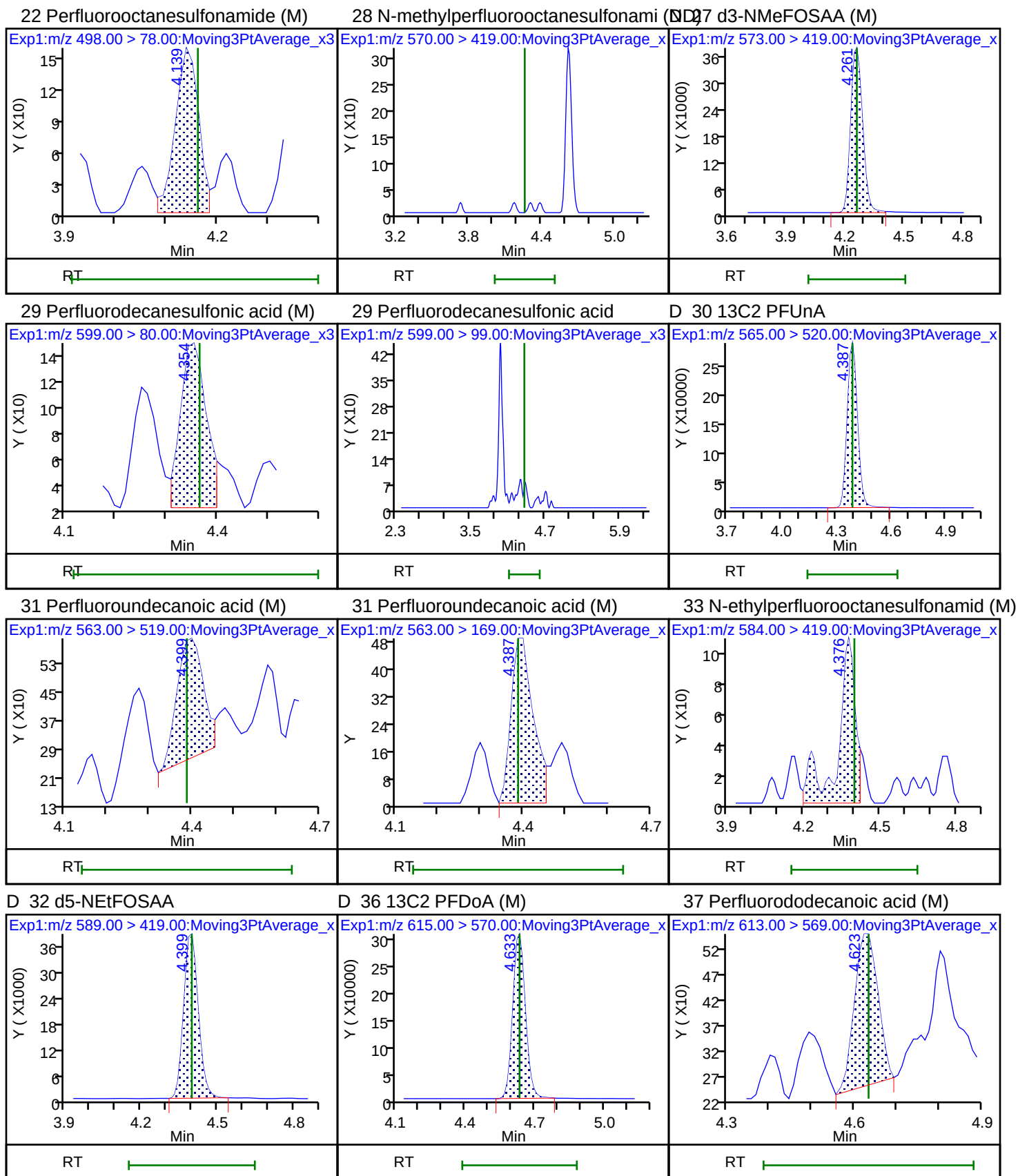
D 11 18O2 PFHxS (M)

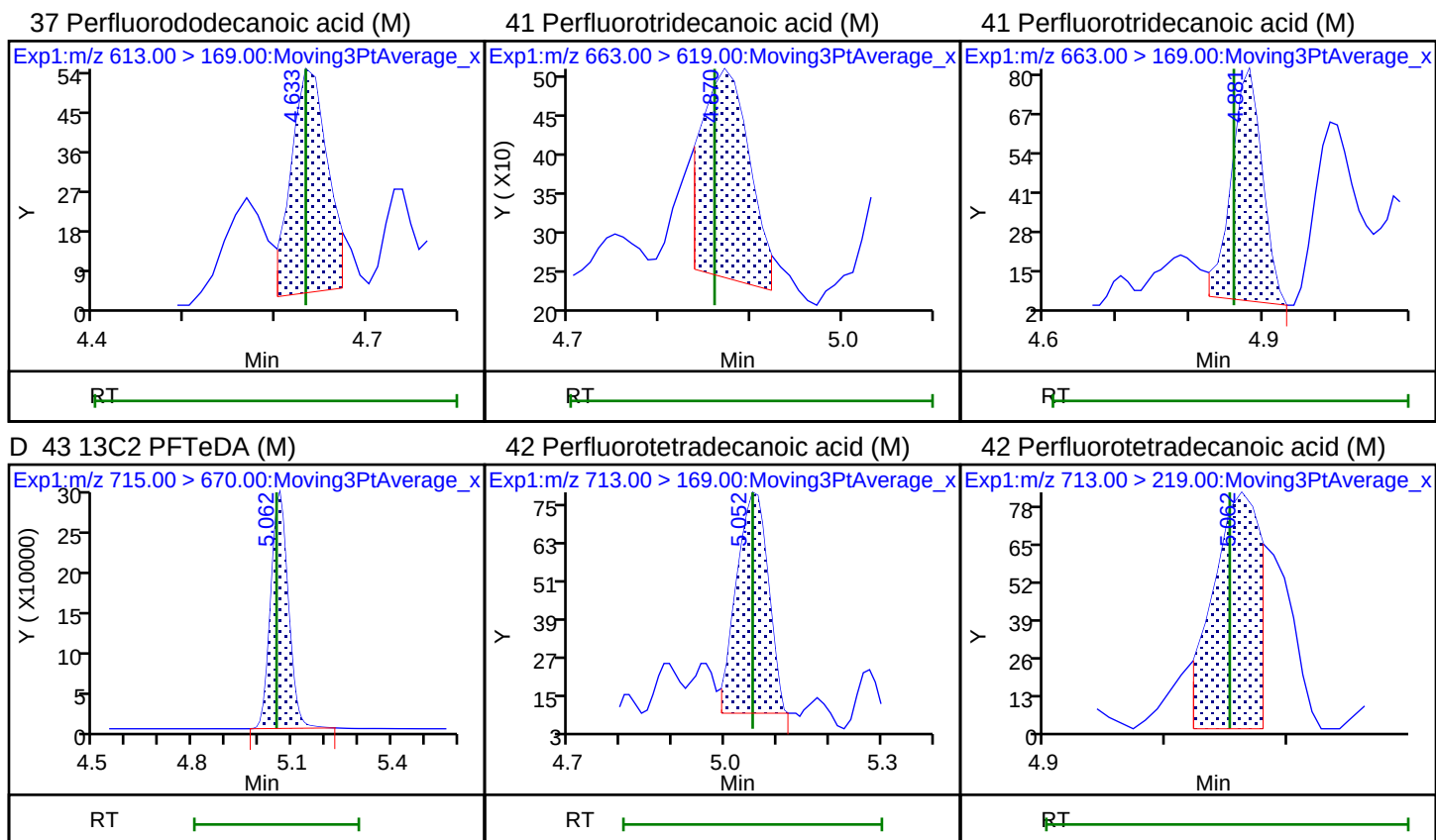
8 Perfluorohexanesulfonic acid (M)











Eurofins Burlington

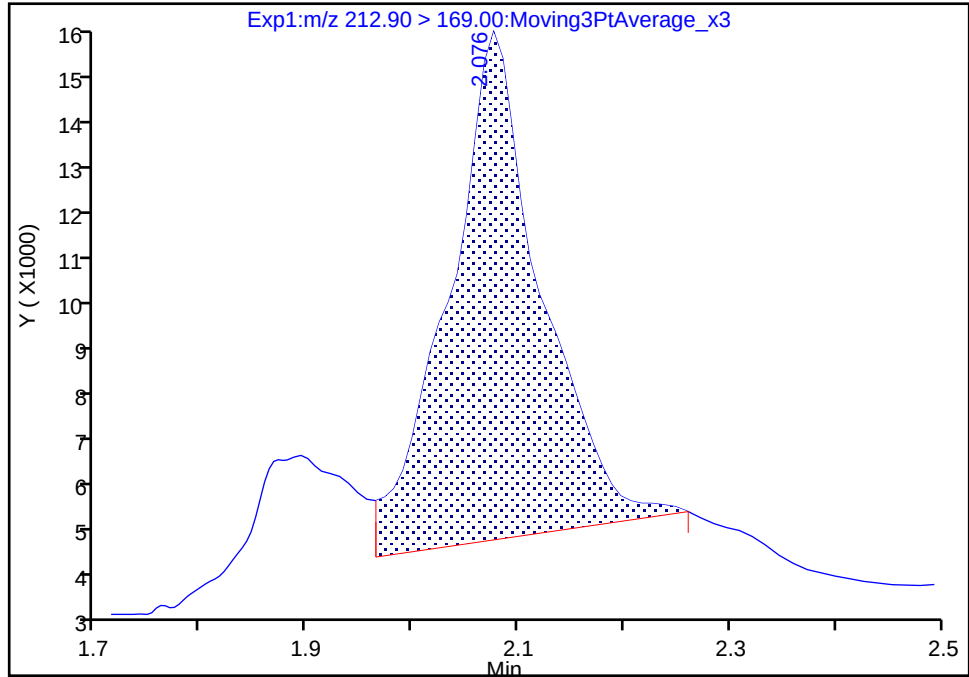
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d		
Injection Date:	04-Aug-2022 23:42:33	Instrument ID:	LC812
Lims ID:	460-262853-A-4-A	Lab Sample ID:	200-262853-4
Client ID:	BCS-21-08 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	24
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	24

2 Perfluorobutanoic acid, CAS: 375-22-4

Signal: 1

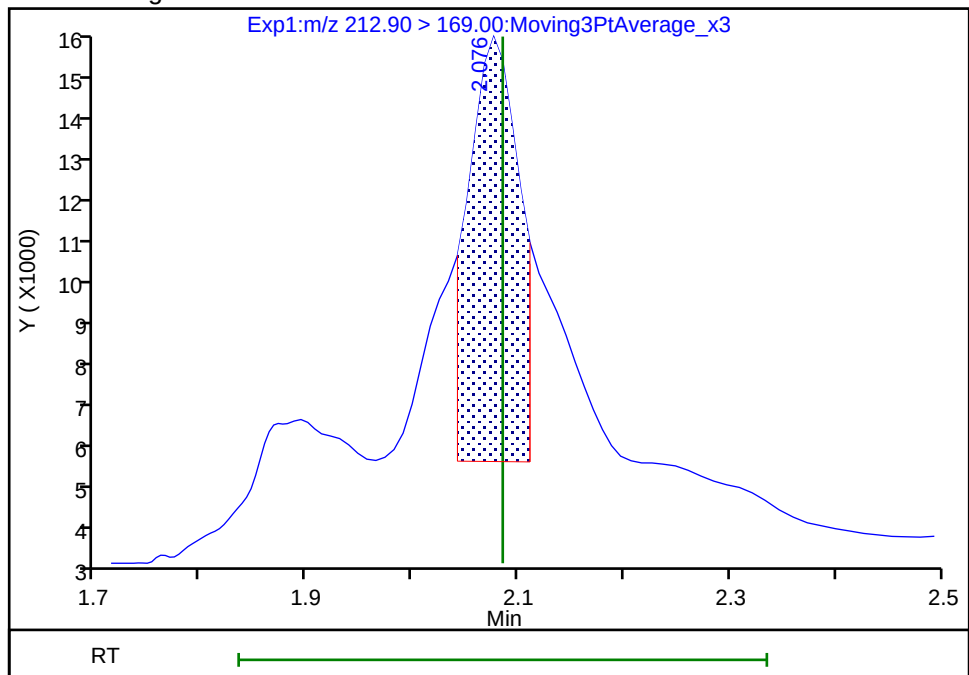
RT: 2.08
Area: 63387
Amount: 0.046760
Amount Units: ng/ml

Processing Integration Results



RT: 2.08
Area: 30759
Amount: 0.022769
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:17:16
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

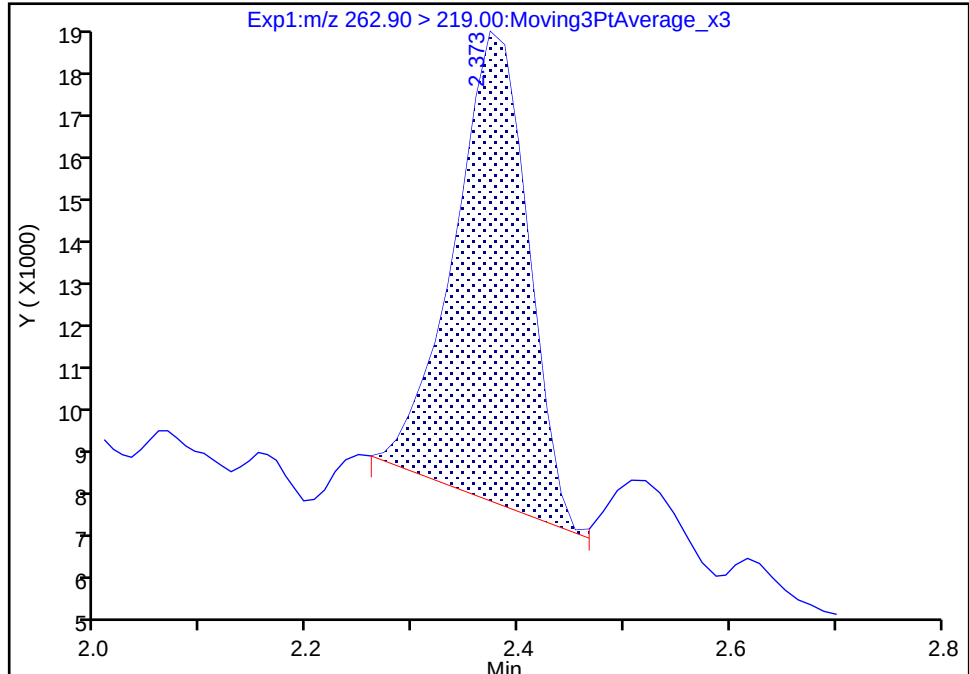
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d		
Injection Date:	04-Aug-2022 23:42:33	Instrument ID:	LC812
Lims ID:	460-262853-A-4-A	Lab Sample ID:	200-262853-4
Client ID:	BCS-21-08 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	24
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	24

4 Perfluoropentanoic acid, CAS: 2706-90-3

Signal: 1

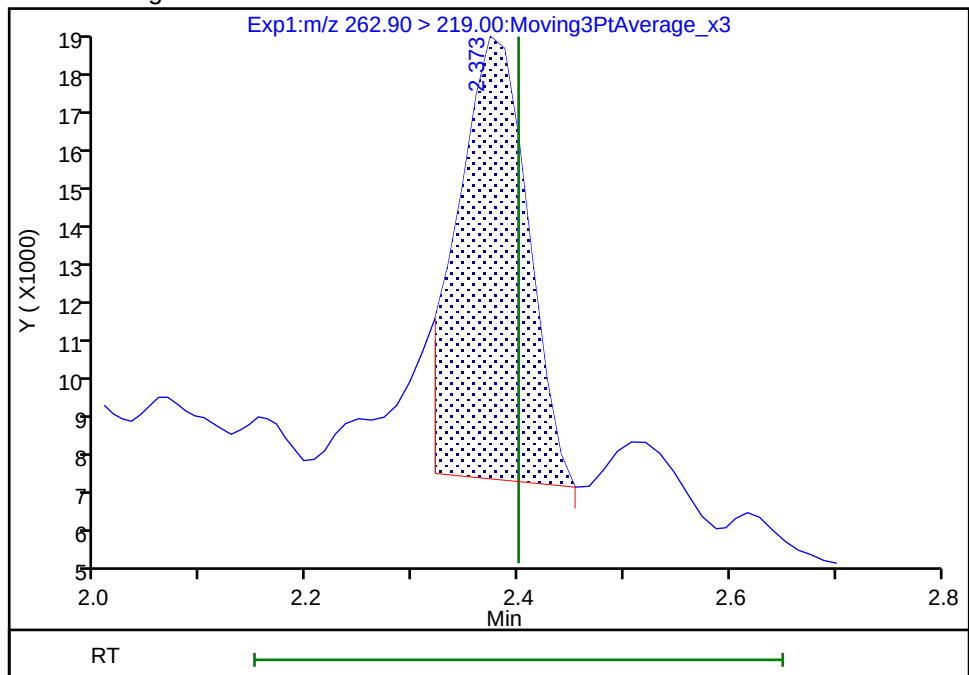
RT: 2.37
Area: 50946
Amount: 0.044887
Amount Units: ng/ml

Processing Integration Results



RT: 2.37
Area: 49574
Amount: 0.043742
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:17:28

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

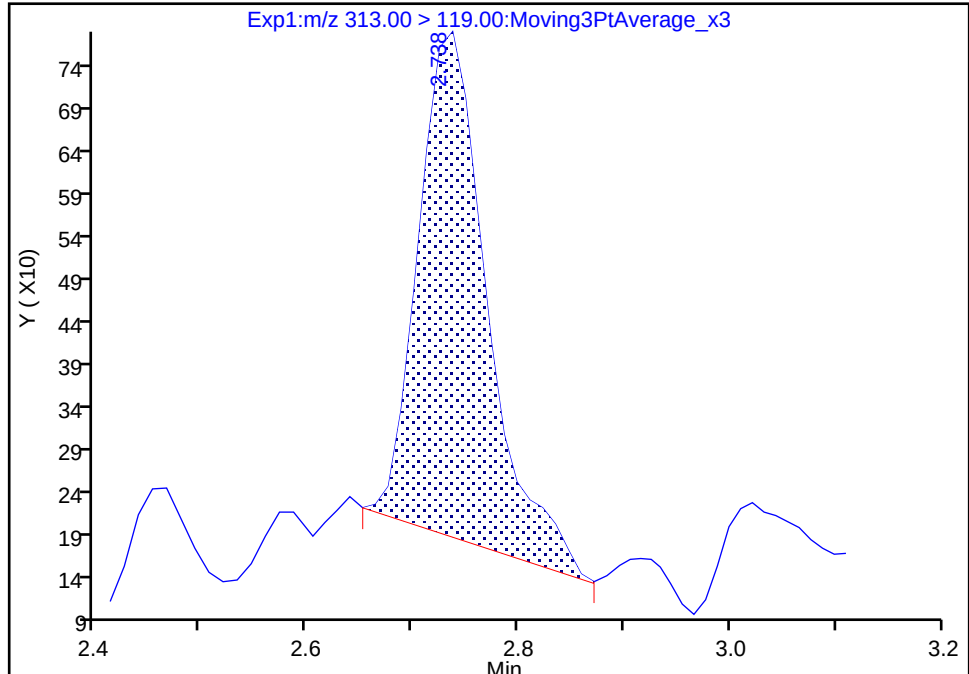
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d		
Injection Date:	04-Aug-2022 23:42:33	Instrument ID:	LC812
Lims ID:	460-262853-A-4-A	Lab Sample ID:	200-262853-4
Client ID:	BCS-21-08 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	24
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	24

6 Perfluorohexanoic acid, CAS: 307-24-4

Signal: 2

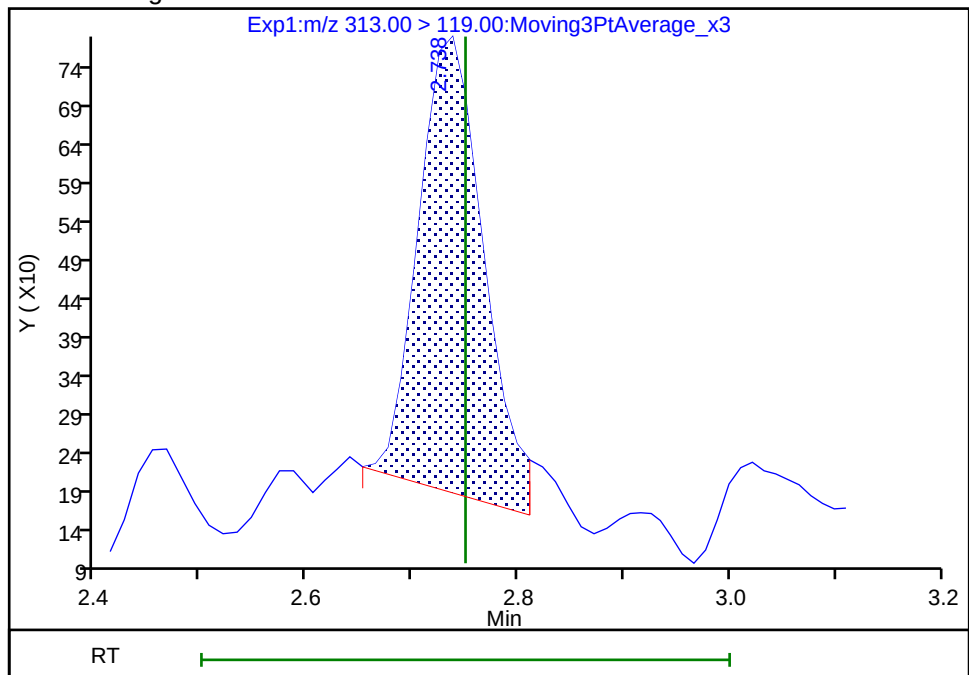
RT: 2.74
Area: 2655
Amount: 0.030557
Amount Units: ng/ml

Processing Integration Results



RT: 2.74
Area: 2505
Amount: 0.030694
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:17:42

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

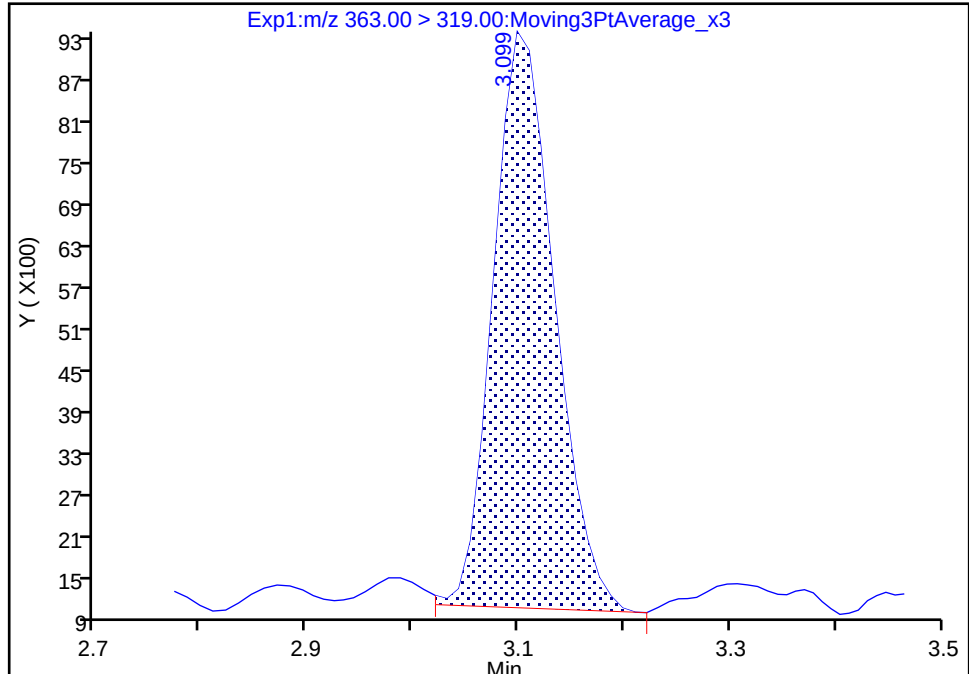
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d		
Injection Date:	04-Aug-2022 23:42:33	Instrument ID:	LC812
Lims ID:	460-262853-A-4-A	Lab Sample ID:	200-262853-4
Client ID:	BCS-21-08 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	24
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	24

10 Perfluoroheptanoic acid, CAS: 375-85-9

Signal: 1

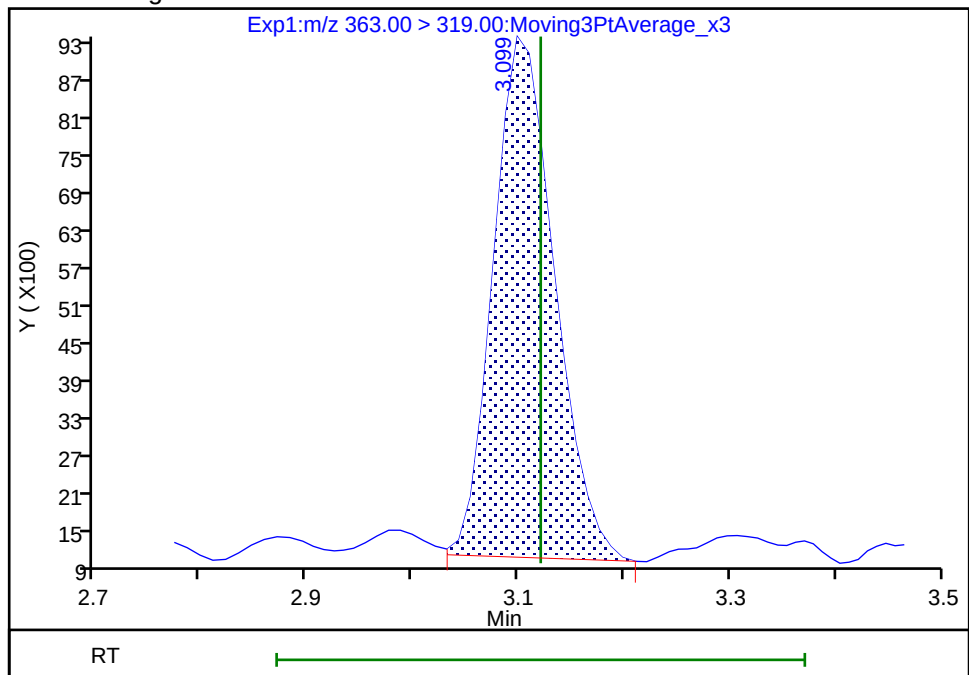
RT: 3.10
Area: 33526
Amount: 0.027144
Amount Units: ng/ml

Processing Integration Results



RT: 3.10
Area: 33445
Amount: 0.027185
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:18:03
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

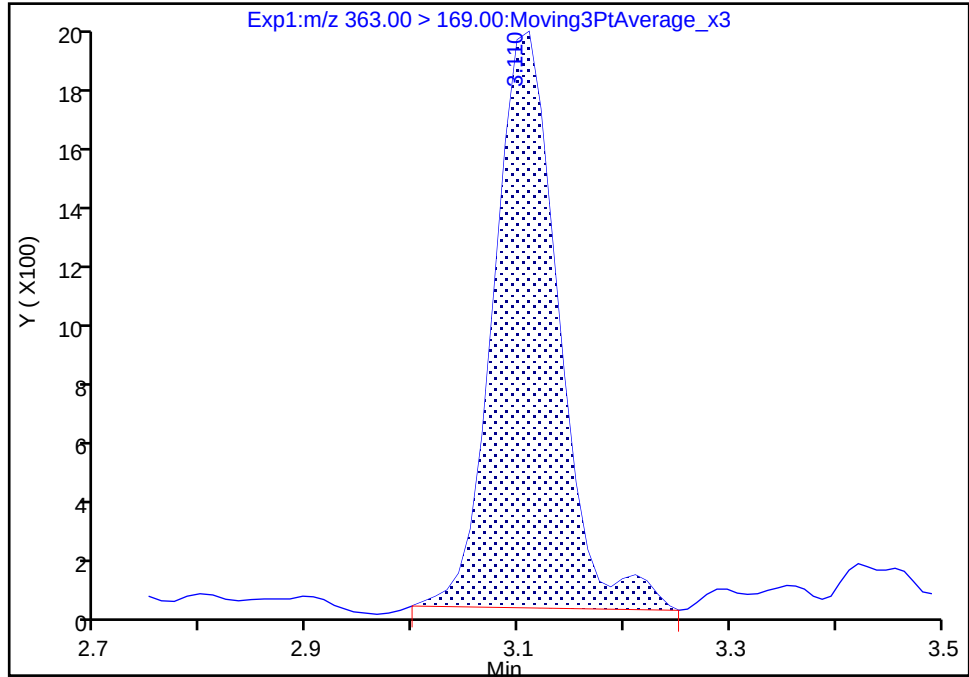
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d
Injection Date: 04-Aug-2022 23:42:33 Instrument ID: LC812
Lims ID: 460-262853-A-4-A Lab Sample ID: 200-262853-4
Client ID: BCS-21-08 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

10 Perfluoroheptanoic acid, CAS: 375-85-9

Signal: 2

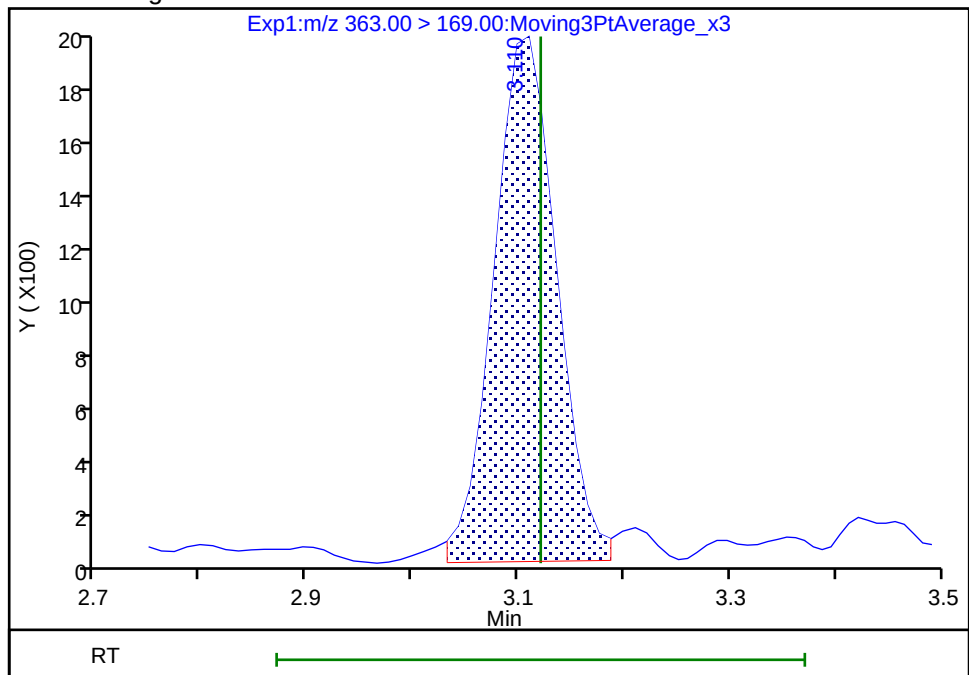
RT: 3.11
Area: 7985
Amount: 0.027144
Amount Units: ng/ml

Processing Integration Results



RT: 3.11
Area: 7803
Amount: 0.027185
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:18:07

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

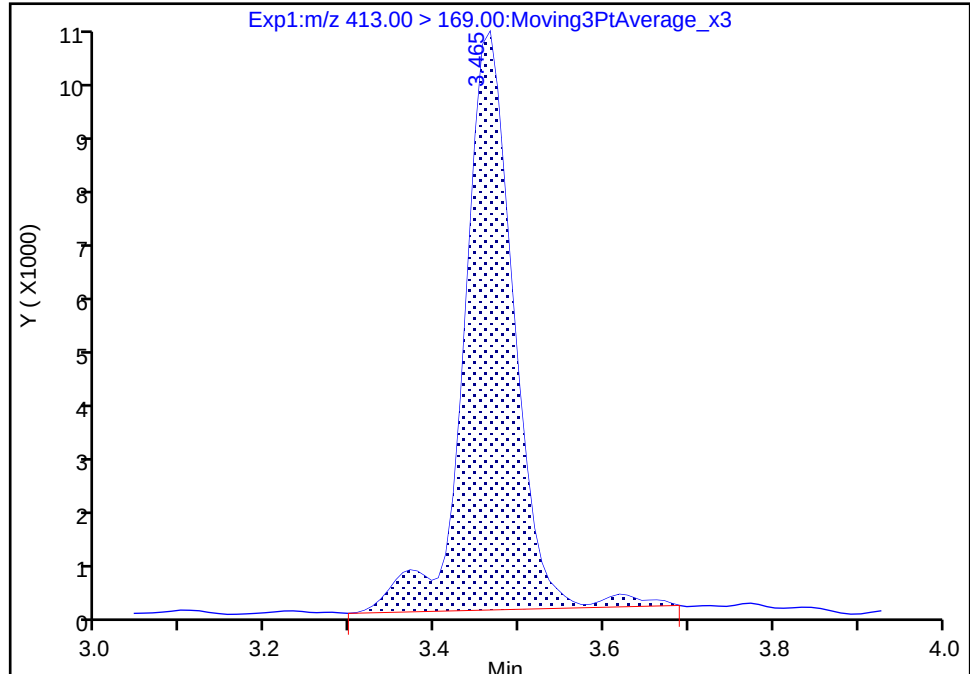
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d		
Injection Date:	04-Aug-2022 23:42:33	Instrument ID:	LC812
Lims ID:	460-262853-A-4-A	Lab Sample ID:	200-262853-4
Client ID:	BCS-21-08 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	24
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	24

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 2

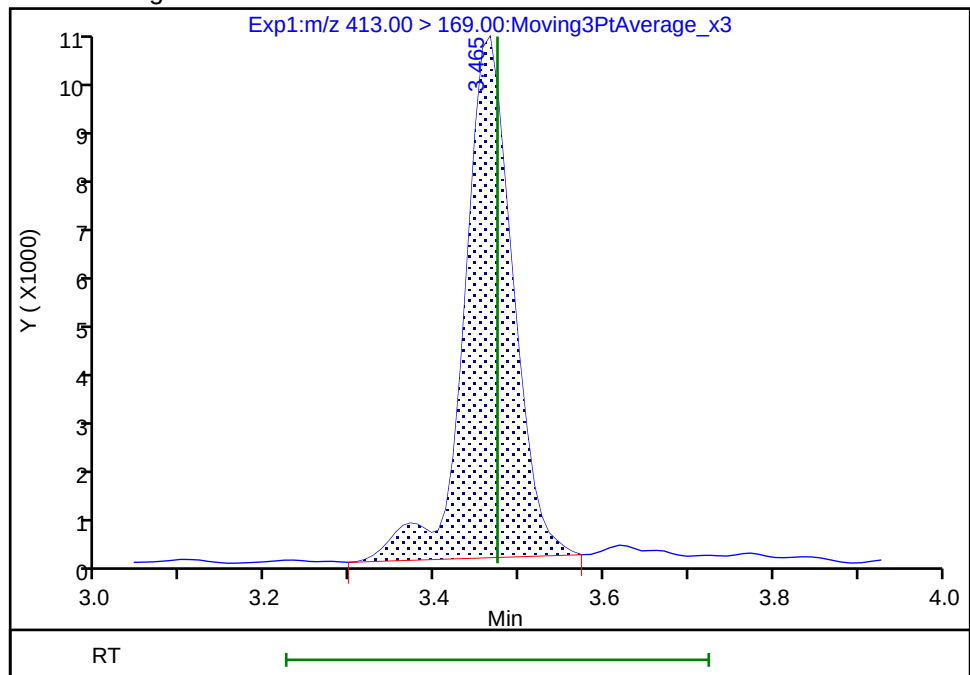
RT: 3.47
Area: 42927
Amount: 0.084684
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 41697
Amount: 0.083106
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:18:35
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

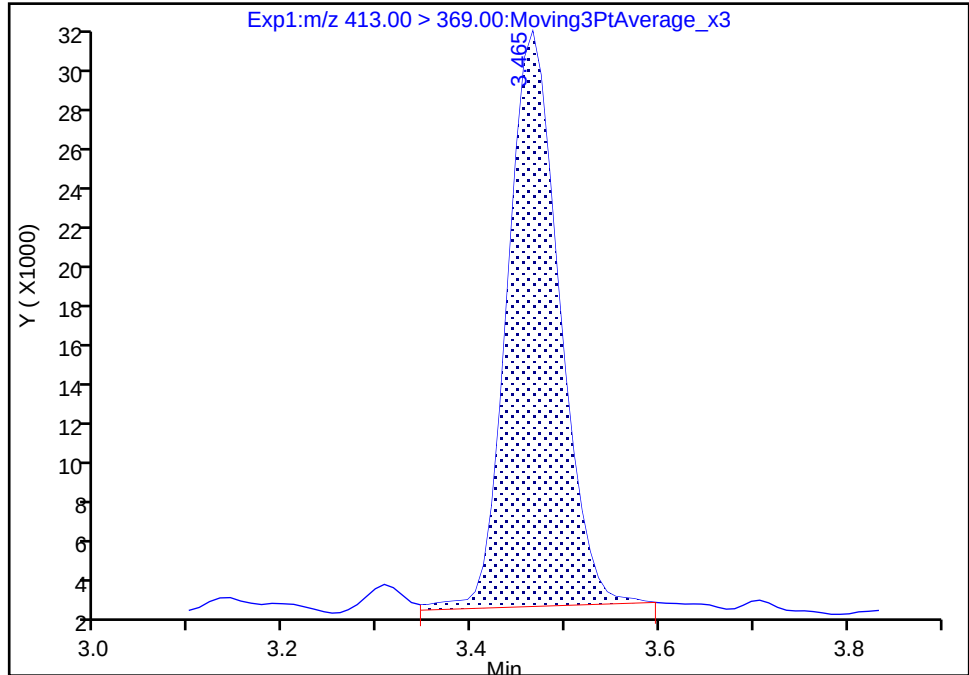
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d
Injection Date: 04-Aug-2022 23:42:33 Instrument ID: LC812
Lims ID: 460-262853-A-4-A Lab Sample ID: 200-262853-4
Client ID: BCS-21-08 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 1

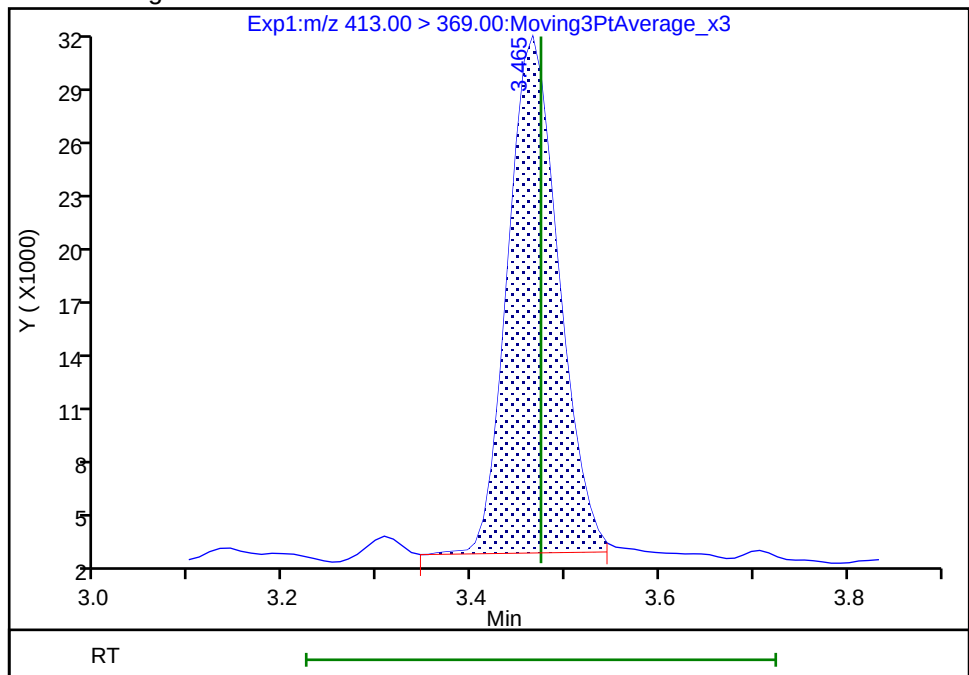
RT: 3.47
Area: 112189
Amount: 0.084684
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 109147
Amount: 0.083106
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:15:54

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

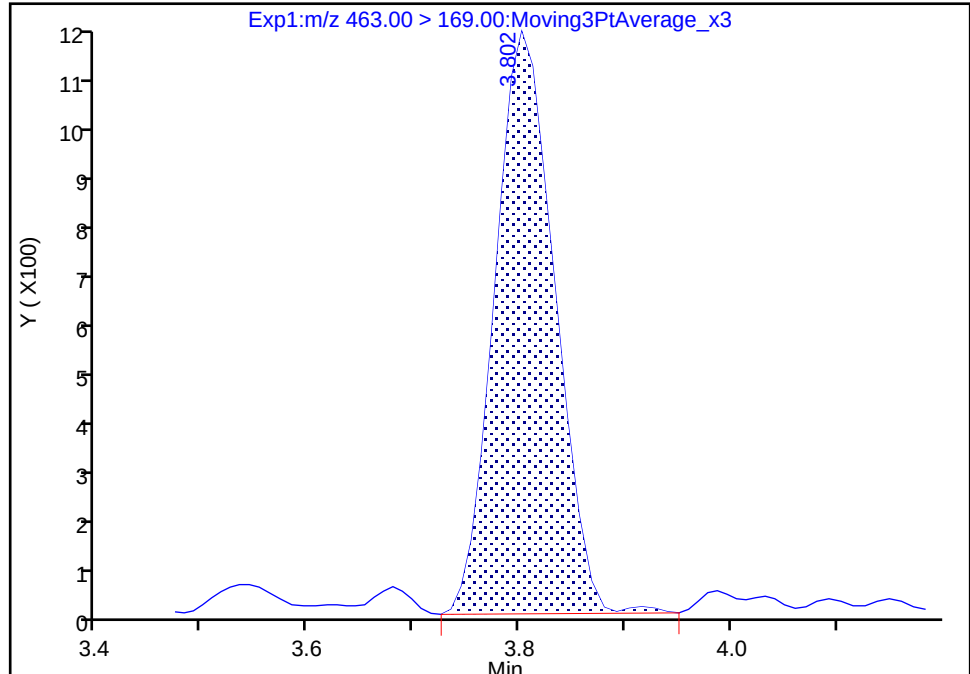
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d		
Injection Date:	04-Aug-2022 23:42:33	Instrument ID:	LC812
Lims ID:	460-262853-A-4-A	Lab Sample ID:	200-262853-4
Client ID:	BCS-21-08 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	24
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	24

20 Perfluorononanoic acid, CAS: 375-95-1

Signal: 2

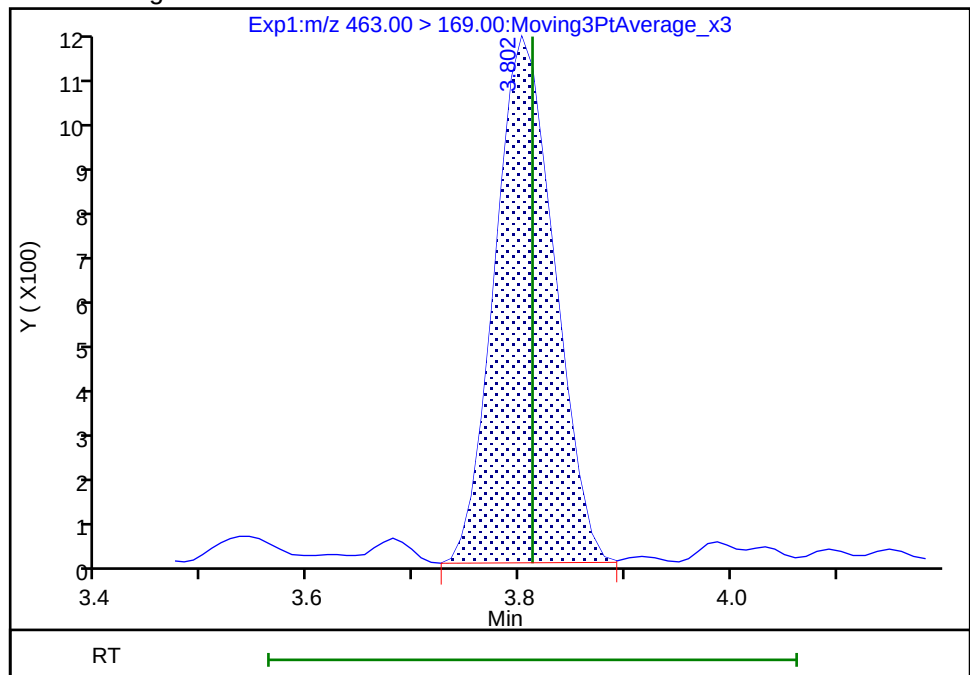
RT: 3.80
Area: 4539
Amount: 0.025833
Amount Units: ng/ml

Processing Integration Results



RT: 3.80
Area: 4515
Amount: 0.027393
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:19:10
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

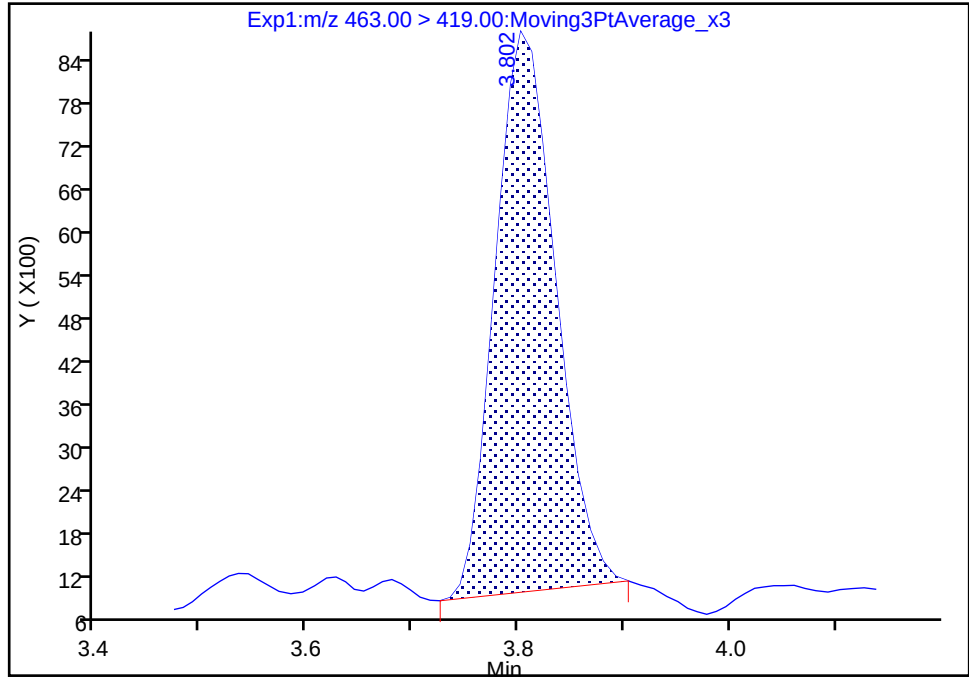
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d
Injection Date: 04-Aug-2022 23:42:33 Instrument ID: LC812
Lims ID: 460-262853-A-4-A Lab Sample ID: 200-262853-4
Client ID: BCS-21-08 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

20 Perfluorononanoic acid, CAS: 375-95-1

Signal: 1

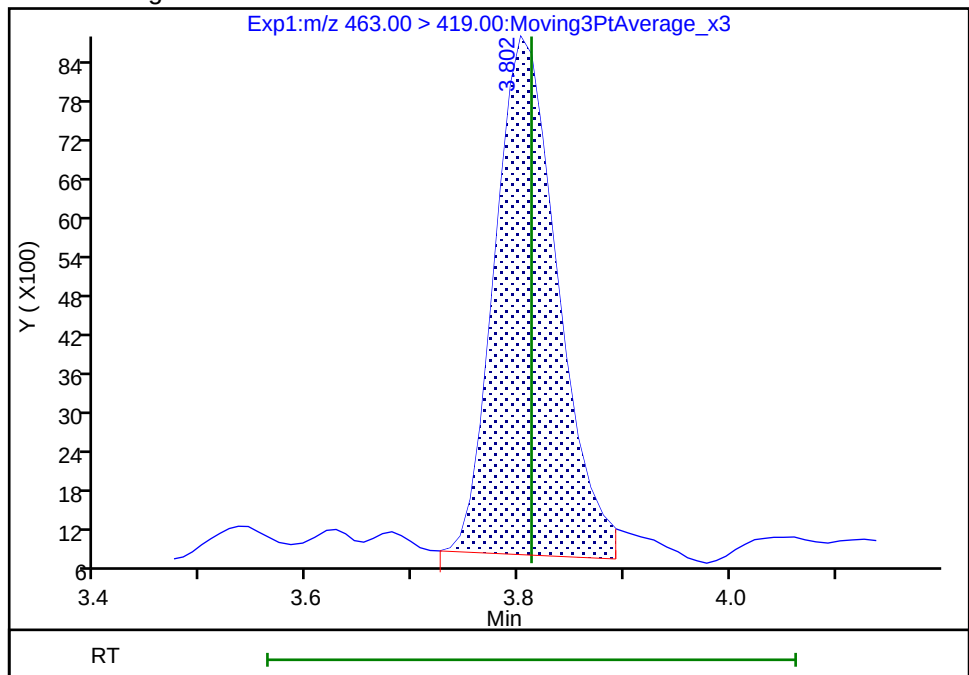
RT: 3.80
Area: 30771
Amount: 0.025833
Amount Units: ng/ml

Processing Integration Results



RT: 3.80
Area: 32629
Amount: 0.027393
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:19:15

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

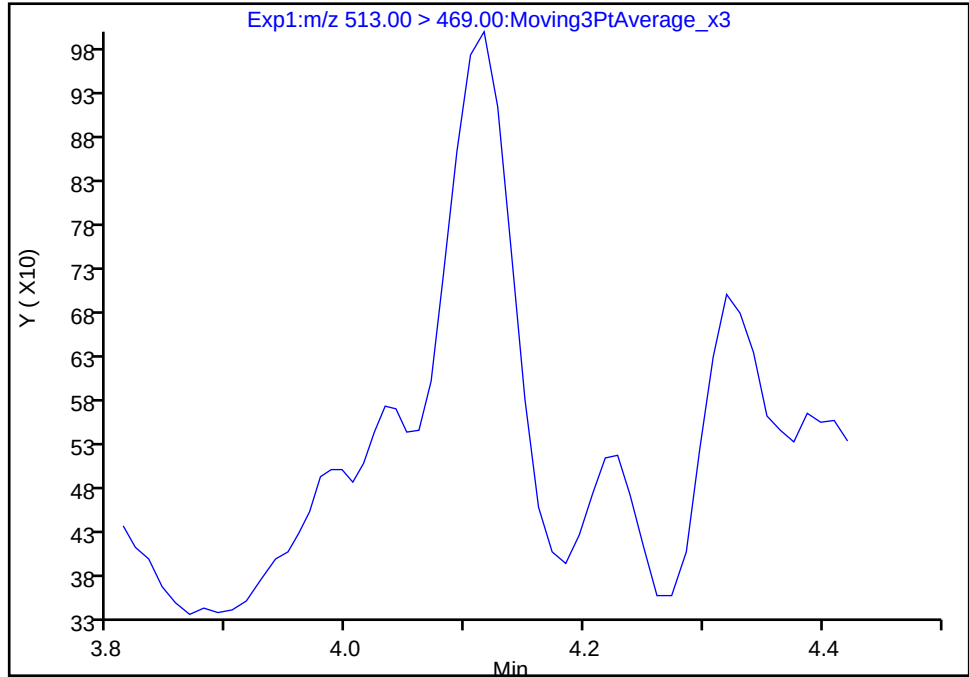
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d
Injection Date: 04-Aug-2022 23:42:33 Instrument ID: LC812
Lims ID: 460-262853-A-4-A Lab Sample ID: 200-262853-4
Client ID: BCS-21-08 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

24 Perfluorodecanoic acid, CAS: 335-76-2

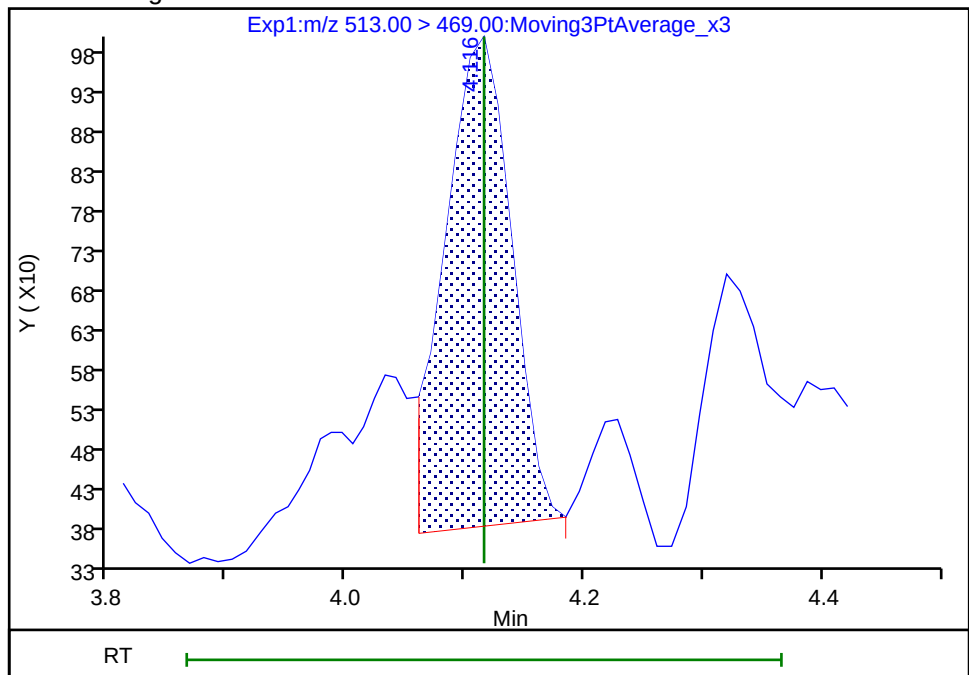
Signal: 1

Not Detected
Expected RT: 4.12

Processing Integration Results



Manual Integration Results



RT: 4.12
Area: 2338
Amount: 0.001924
Amount Units: ng/ml

Reviewer: nampitakw, 05-Aug-2022 14:19:53
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

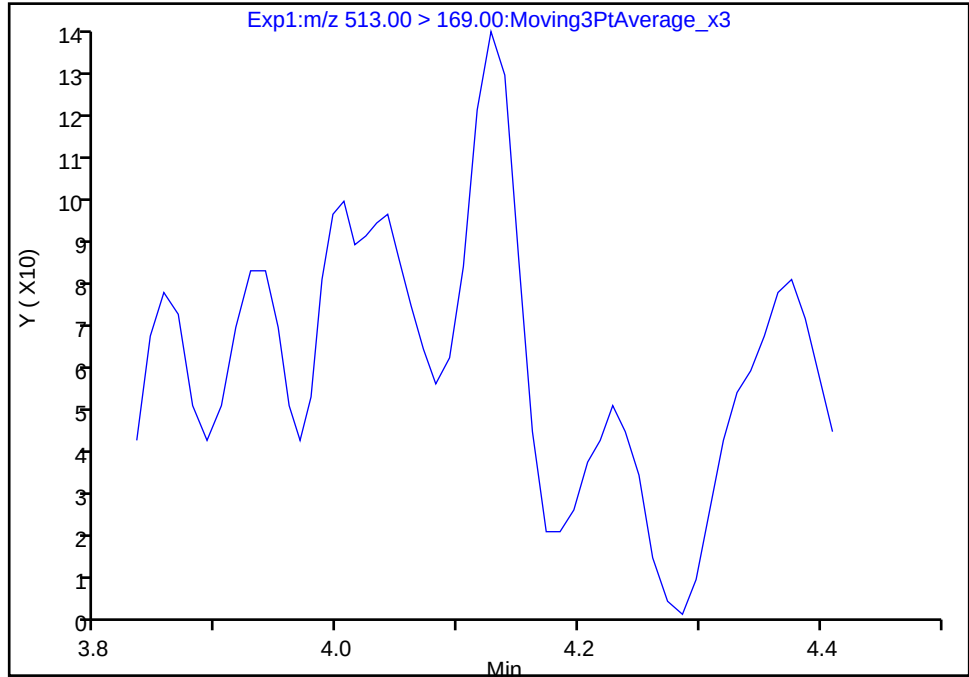
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d
Injection Date: 04-Aug-2022 23:42:33 Instrument ID: LC812
Lims ID: 460-262853-A-4-A Lab Sample ID: 200-262853-4
Client ID: BCS-21-08 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

24 Perfluorodecanoic acid, CAS: 335-76-2

Signal: 2

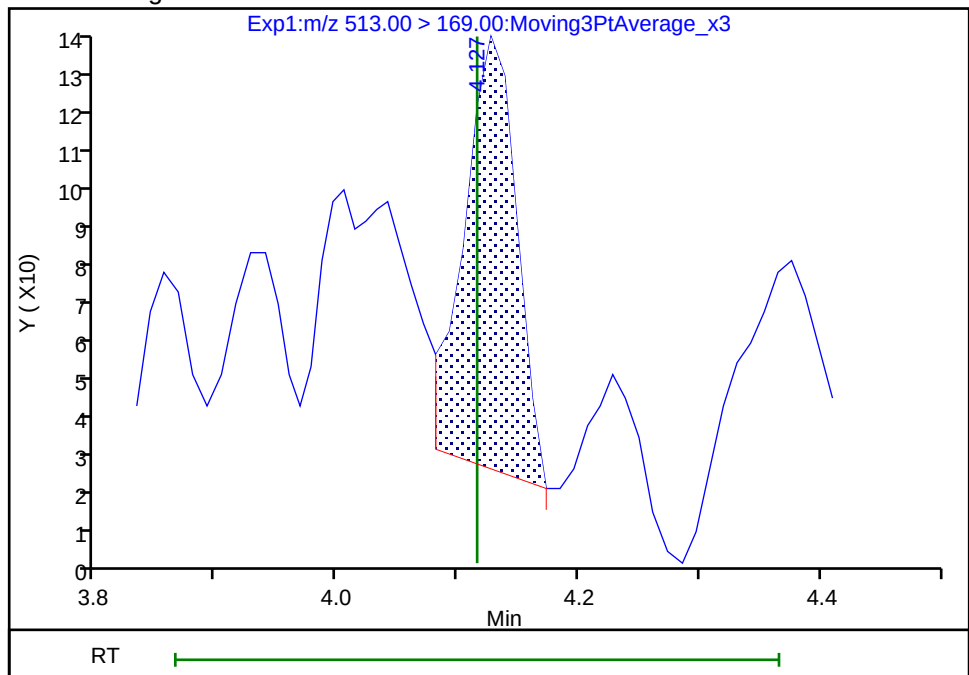
Not Detected
Expected RT: 4.12

Processing Integration Results



Manual Integration Results

RT: 4.13
Area: 329
Amount: 0.001924
Amount Units: ng/ml



Reviewer: nampitakw, 05-Aug-2022 14:19:55

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

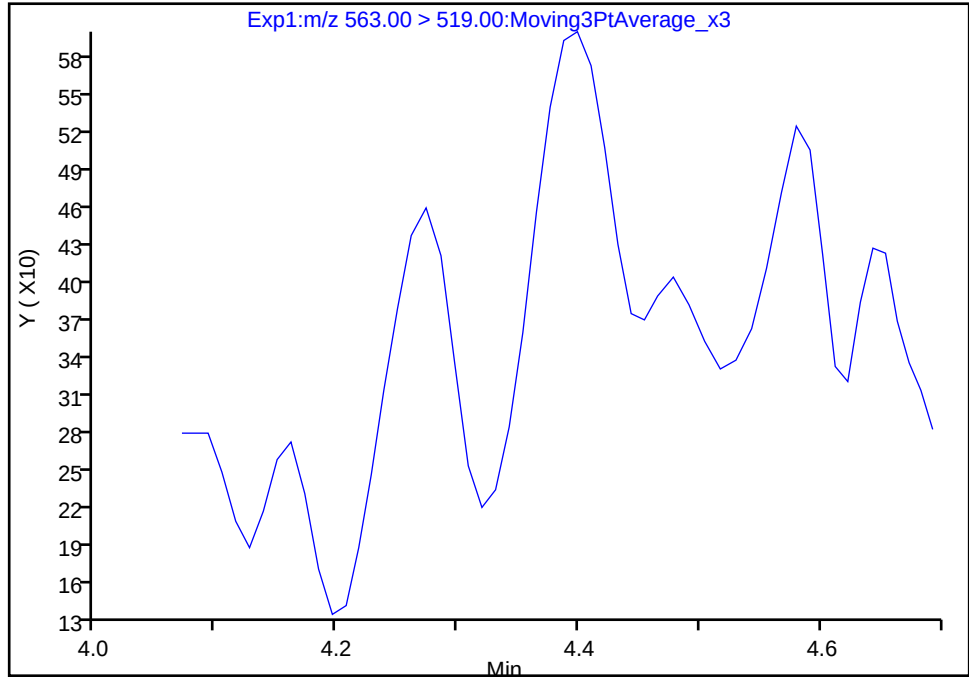
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d		
Injection Date:	04-Aug-2022 23:42:33	Instrument ID:	LC812
Lims ID:	460-262853-A-4-A	Lab Sample ID:	200-262853-4
Client ID:	BCS-21-08 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	24
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	24

31 Perfluoroundecanoic acid, CAS: 2058-94-8

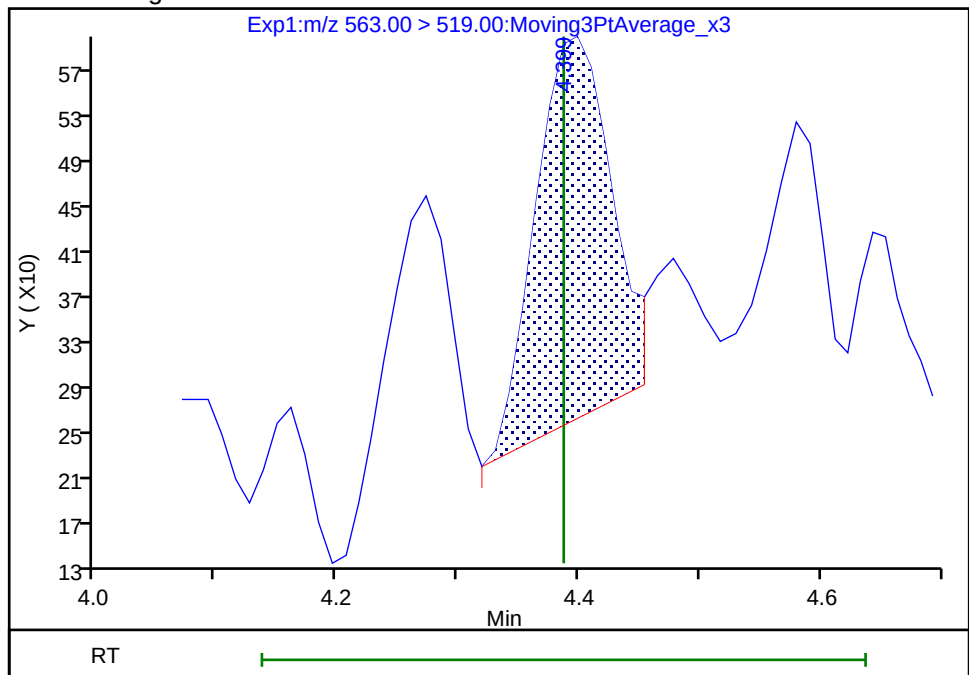
Signal: 1

Not Detected
Expected RT: 4.39

Processing Integration Results



Manual Integration Results

RT: 4.40
Area: 1455
Amount: 0.001525
Amount Units: ng/mlReviewer: nampitakw, 05-Aug-2022 14:20:48
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

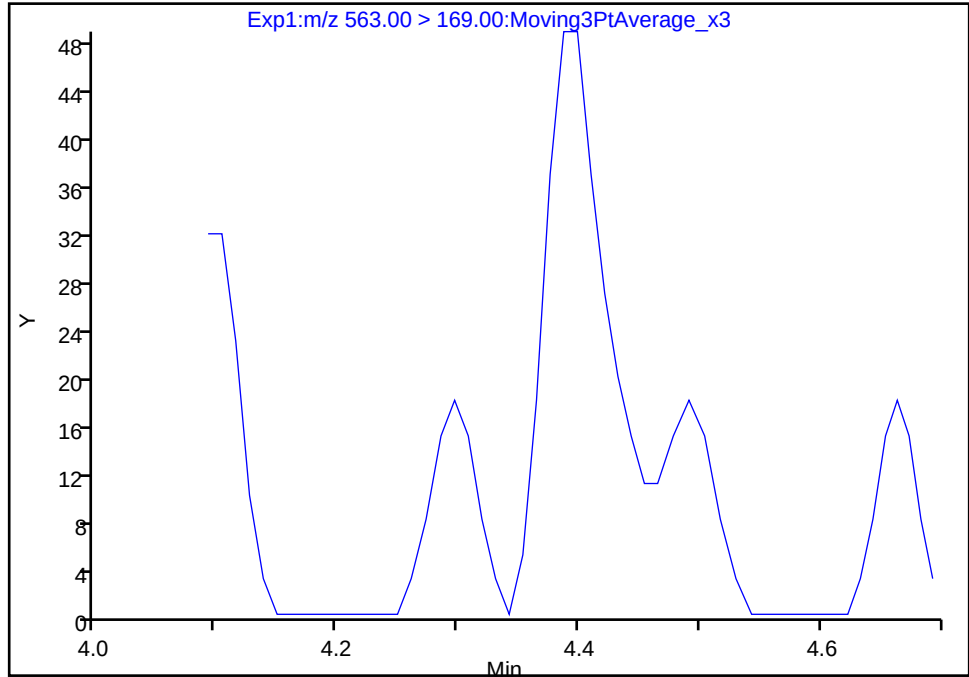
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d
Injection Date: 04-Aug-2022 23:42:33 Instrument ID: LC812
Lims ID: 460-262853-A-4-A Lab Sample ID: 200-262853-4
Client ID: BCS-21-08 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

31 Perfluoroundecanoic acid, CAS: 2058-94-8

Signal: 2

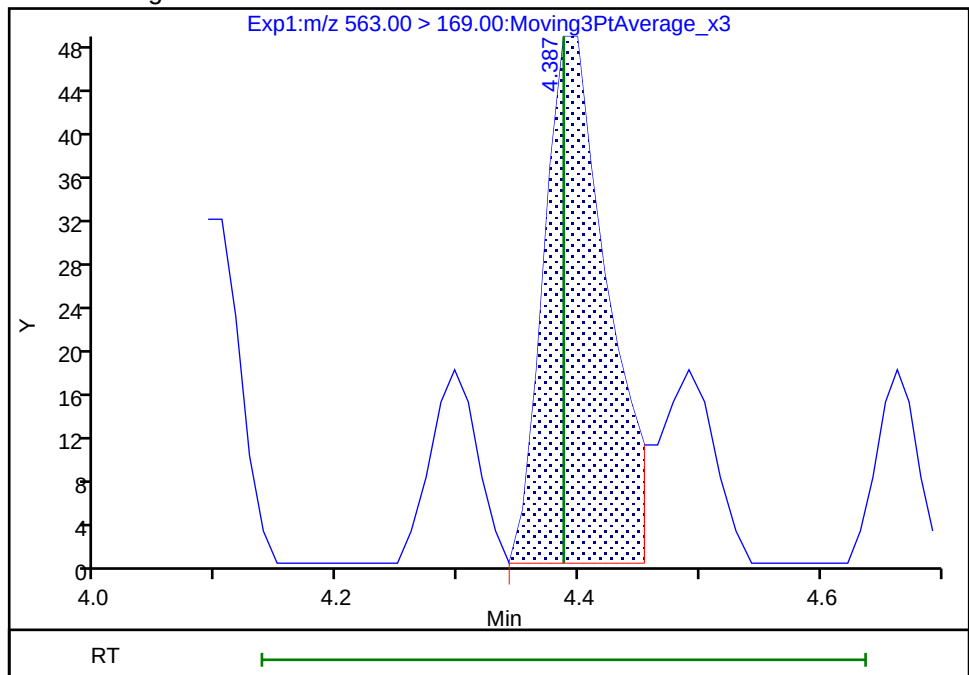
Not Detected
Expected RT: 4.39

Processing Integration Results



Manual Integration Results

RT: 4.39
Area: 176
Amount: 0.001525
Amount Units: ng/ml



Reviewer: nampitakw, 05-Aug-2022 14:20:50

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

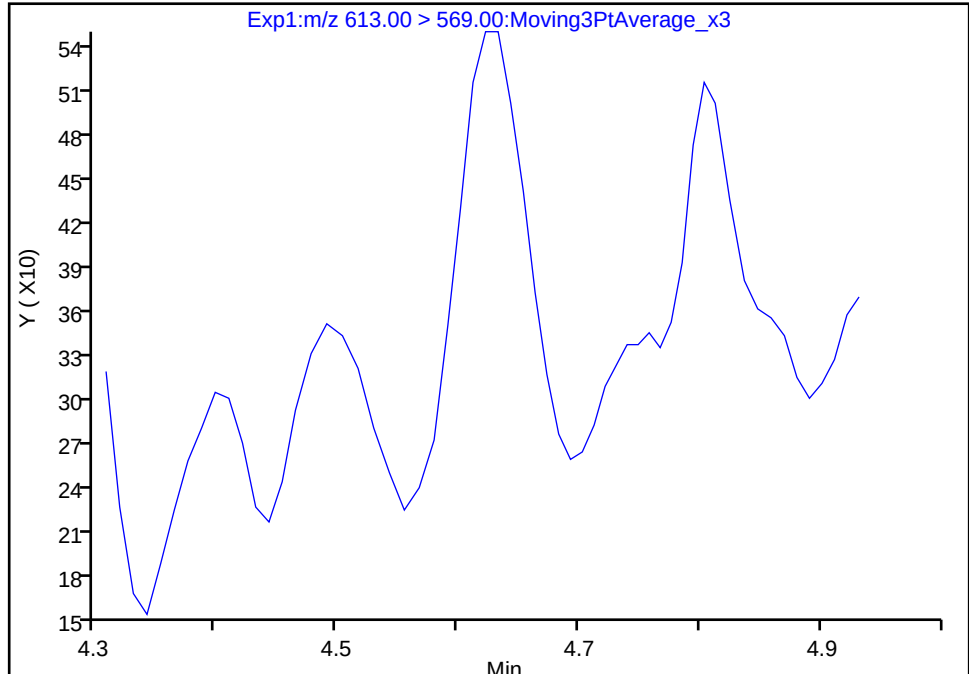
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d		
Injection Date:	04-Aug-2022 23:42:33	Instrument ID:	LC812
Lims ID:	460-262853-A-4-A	Lab Sample ID:	200-262853-4
Client ID:	BCS-21-08 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	24
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	24

37 Perfluorododecanoic acid, CAS: 307-55-1

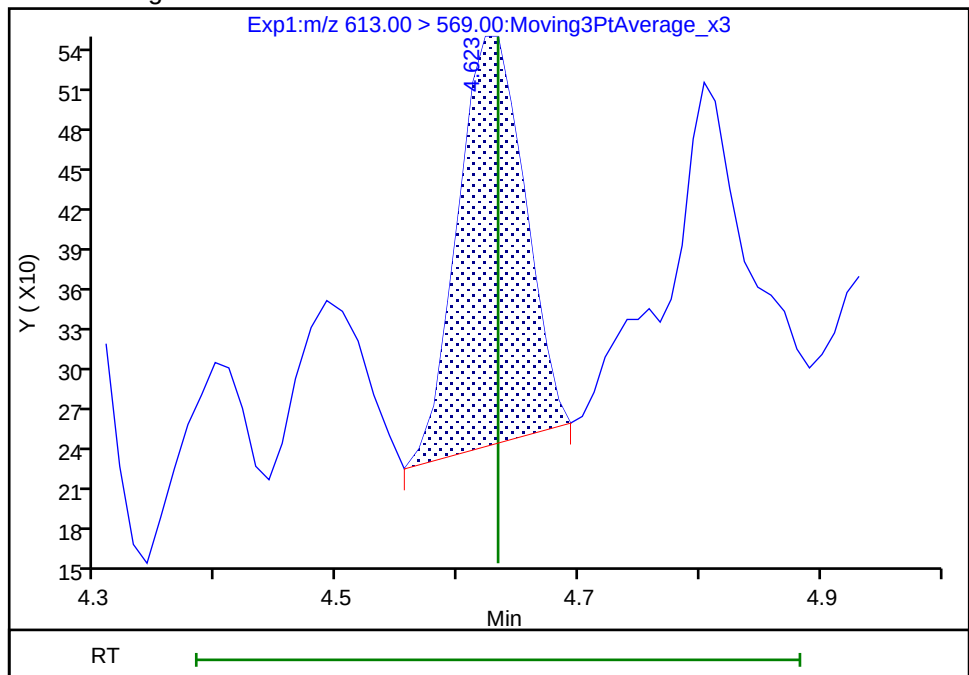
Signal: 1

Not Detected
Expected RT: 4.63

Processing Integration Results



Manual Integration Results

RT: 4.62
Area: 1171
Amount: 0.001244
Amount Units: ng/ml

Reviewer: nampitakw, 05-Aug-2022 14:21:11

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

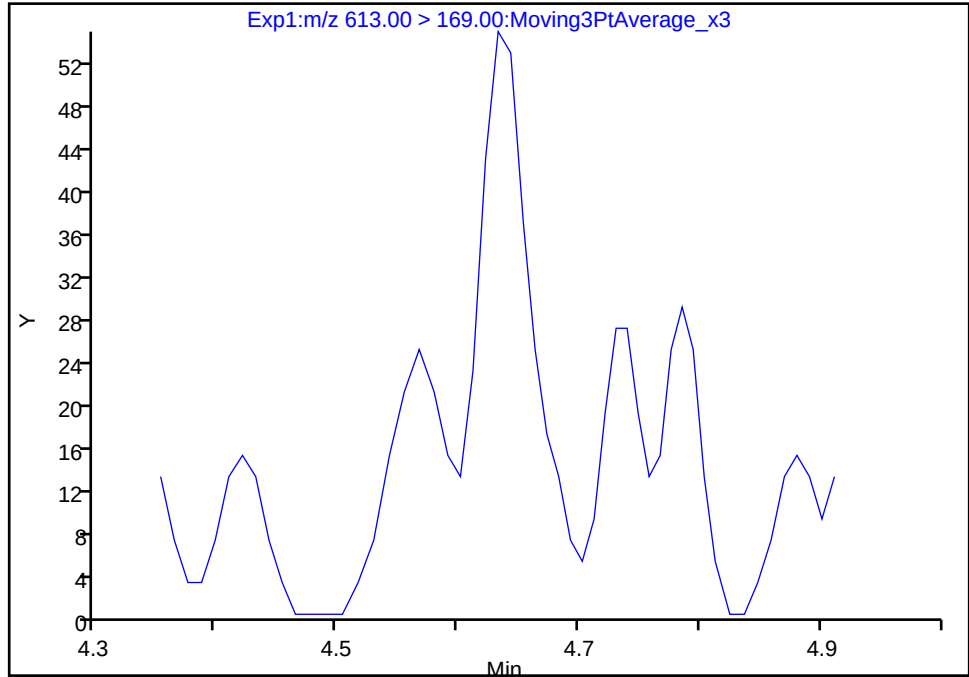
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d
Injection Date: 04-Aug-2022 23:42:33 Instrument ID: LC812
Lims ID: 460-262853-A-4-A Lab Sample ID: 200-262853-4
Client ID: BCS-21-08 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

37 Perfluorododecanoic acid, CAS: 307-55-1

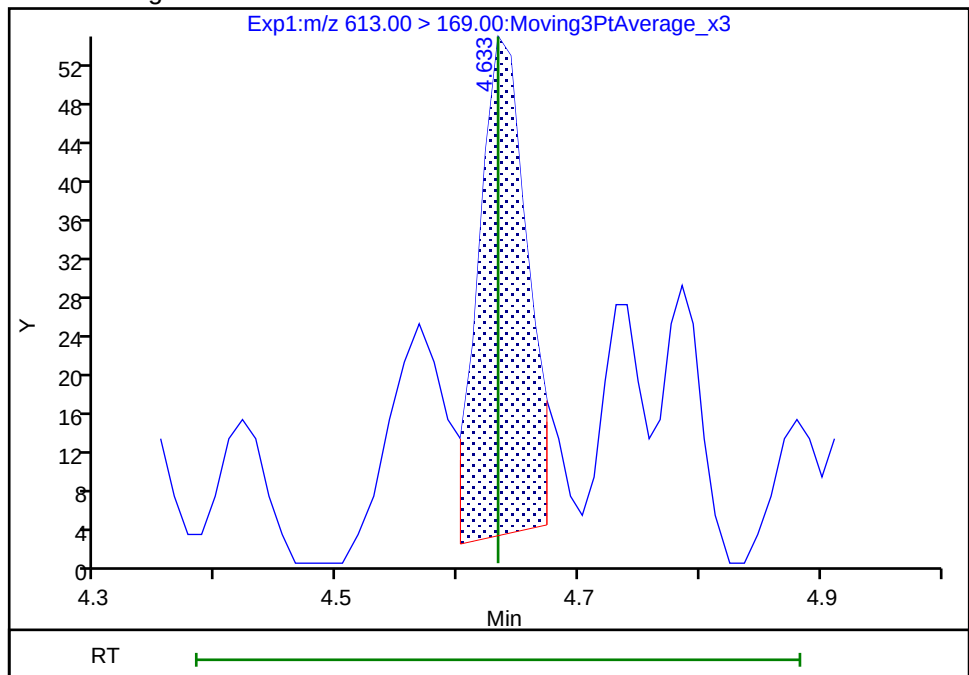
Signal: 2

Not Detected
Expected RT: 4.63

Processing Integration Results



Manual Integration Results



RT: 4.63
Area: 141
Amount: 0.001244
Amount Units: ng/ml

Reviewer: nampitakw, 05-Aug-2022 14:21:19

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

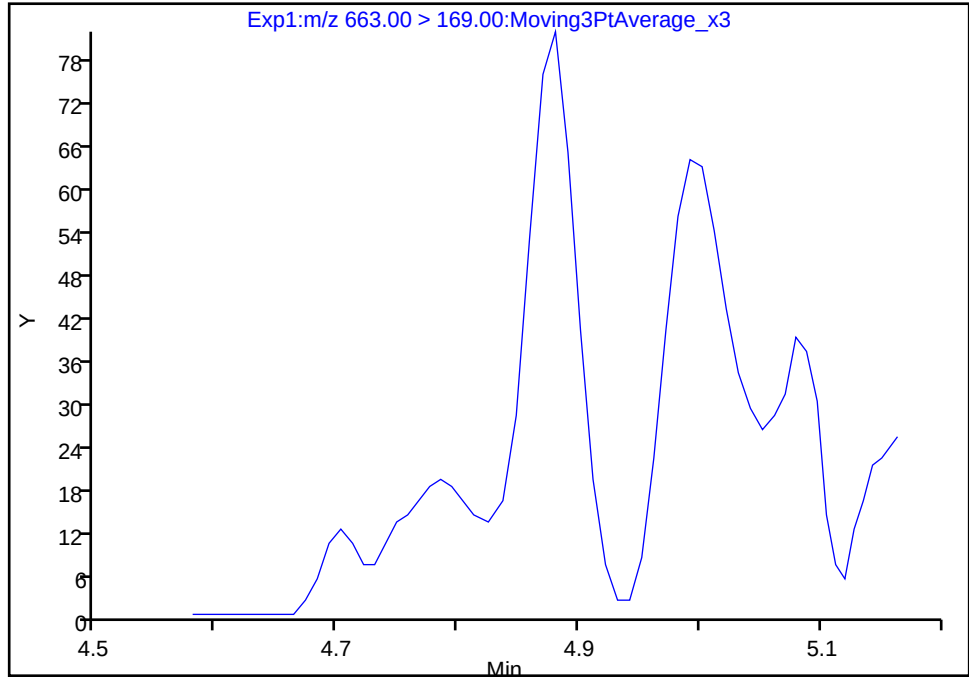
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d		
Injection Date:	04-Aug-2022 23:42:33	Instrument ID:	LC812
Lims ID:	460-262853-A-4-A	Lab Sample ID:	200-262853-4
Client ID:	BCS-21-08 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	24
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	24

41 Perfluorotridecanoic acid, CAS: 72629-94-8

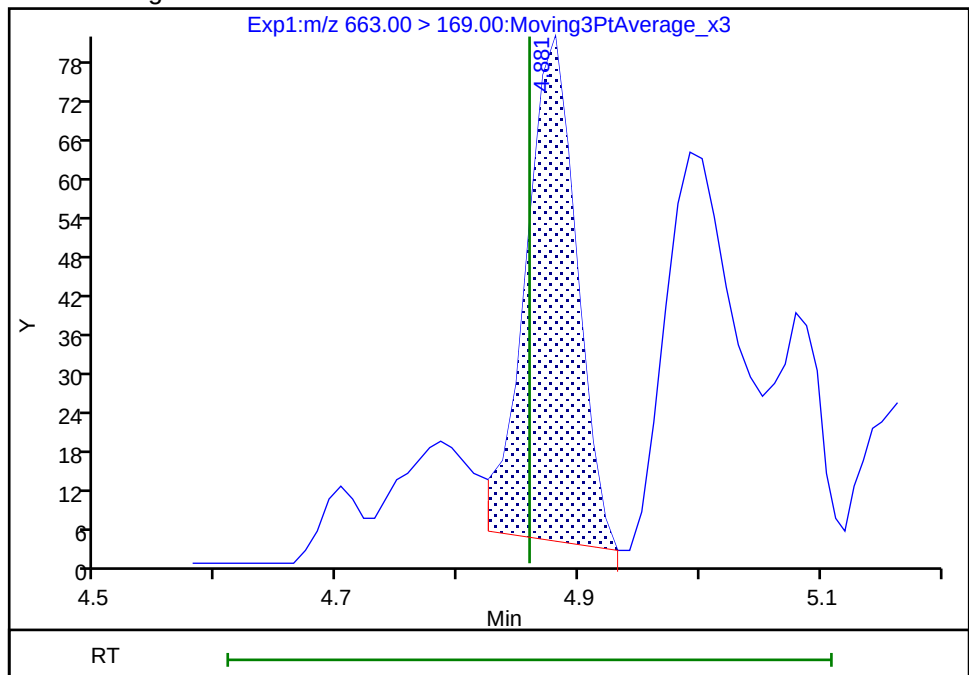
Signal: 2

Not Detected
Expected RT: 4.86

Processing Integration Results



Manual Integration Results



RT: 4.88
Area: 228
Amount: 0.001164
Amount Units: ng/ml

Reviewer: nampitakw, 05-Aug-2022 14:21:35
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

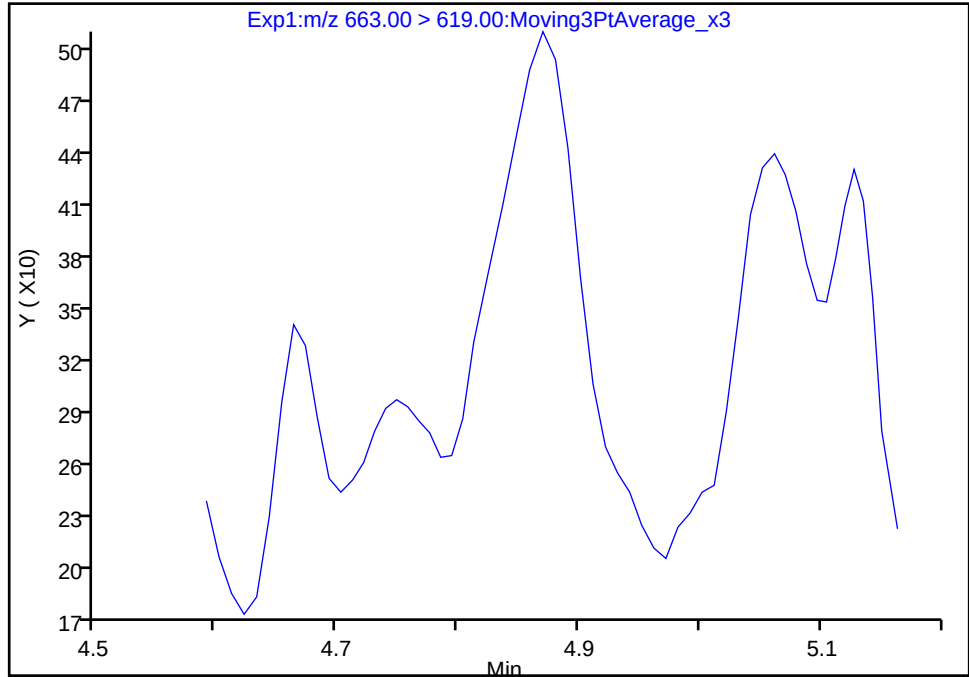
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d
Injection Date: 04-Aug-2022 23:42:33 Instrument ID: LC812
Lims ID: 460-262853-A-4-A Lab Sample ID: 200-262853-4
Client ID: BCS-21-08 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

41 Perfluorotridecanoic acid, CAS: 72629-94-8

Signal: 1

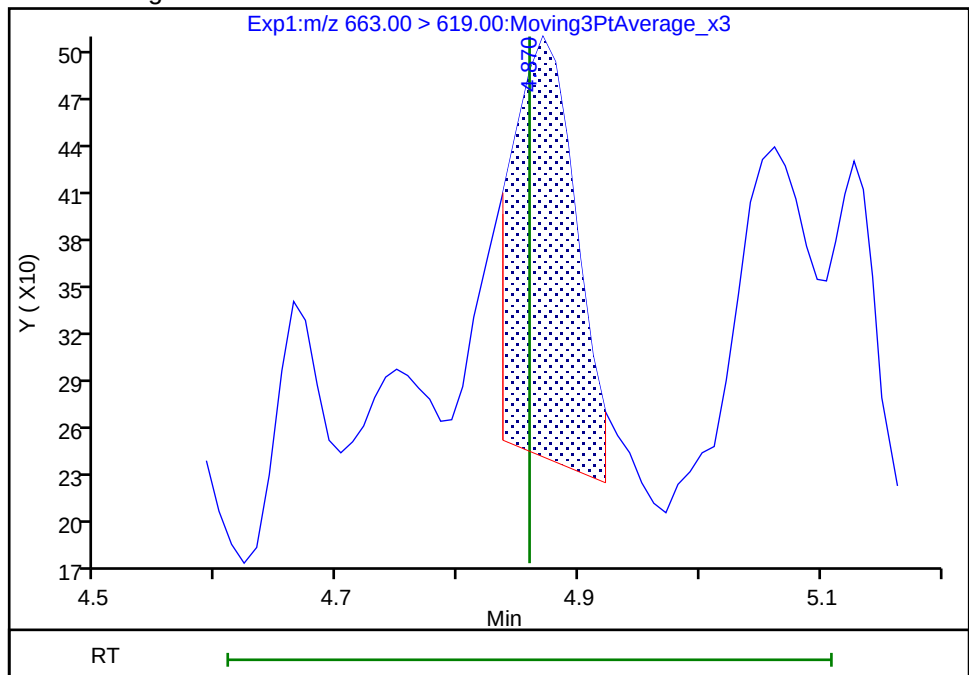
Not Detected
Expected RT: 4.86

Processing Integration Results



Manual Integration Results

RT: 4.87
Area: 950
Amount: 0.001164
Amount Units: ng/ml



Reviewer: nampitakw, 05-Aug-2022 14:21:38

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

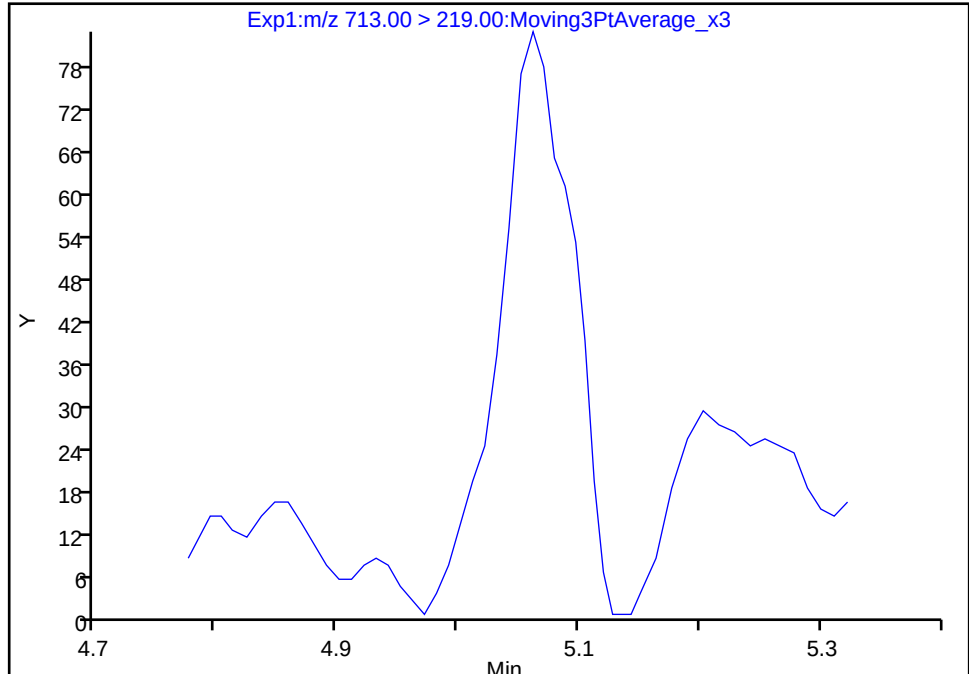
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d				
Injection Date:	04-Aug-2022 23:42:33	Instrument ID:	LC812		
Lims ID:	460-262853-A-4-A	Lab Sample ID:	200-262853-4		
Client ID:	BCS-21-08 P (4-4.5)				
Operator ID:	lc812tech	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	20.0 ul	Dil. Factor:	1.0000		
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL		
Column:	C-18 (4.60 mm)	Detector	EXP1		

42 Perfluorotetradecanoic acid, CAS: 376-06-7

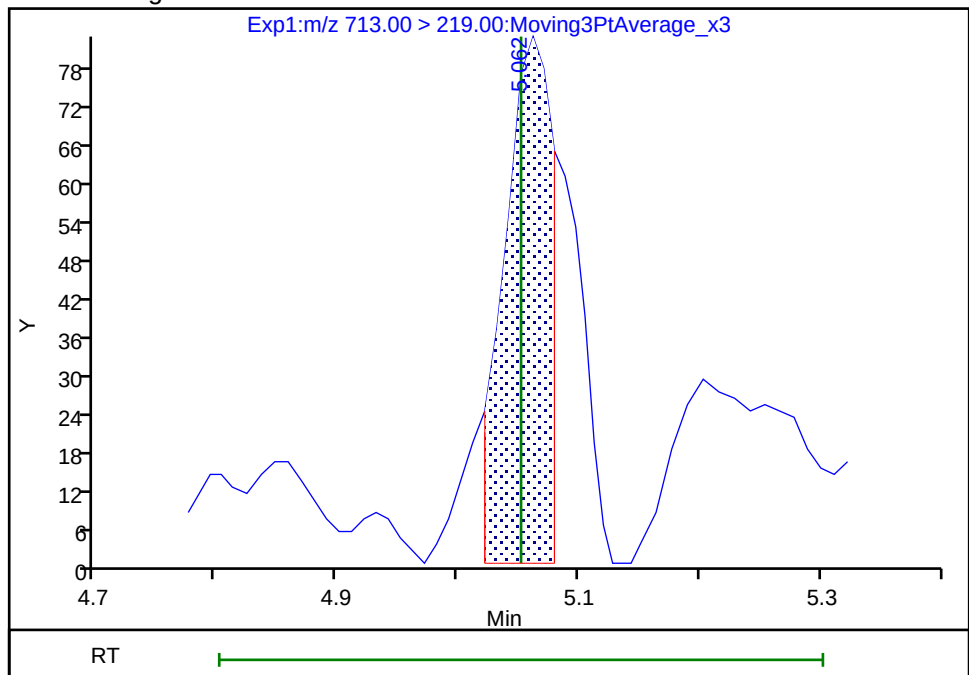
Signal: 2

Not Detected
Expected RT: 5.05

Processing Integration Results



Manual Integration Results



RT: 5.06
Area: 214
Amount: 0.002168
Amount Units: ng/ml

Reviewer: nampitakw, 05-Aug-2022 14:21:55
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

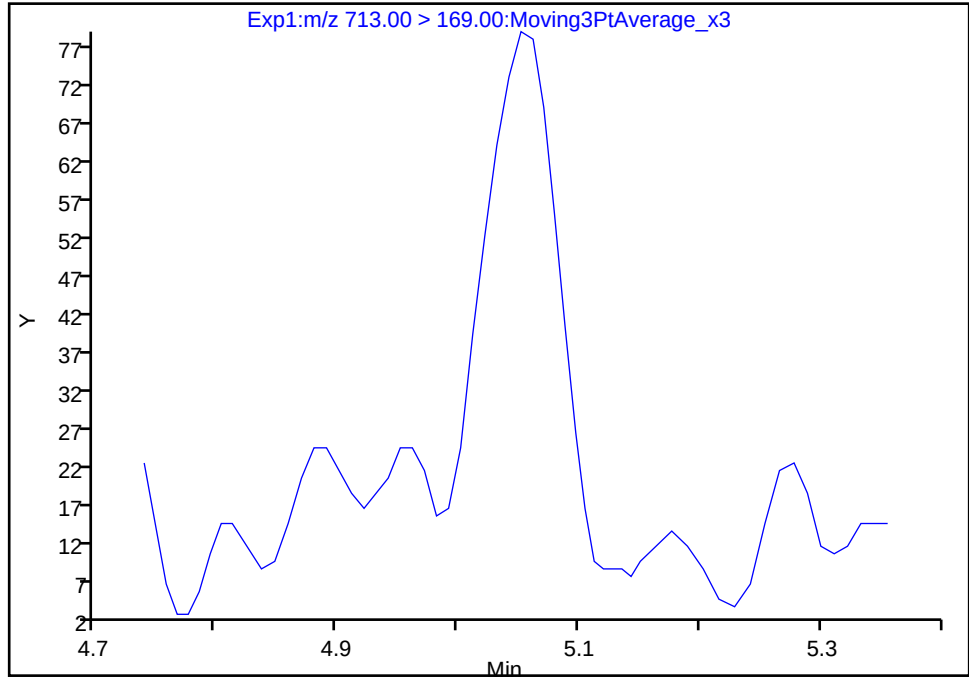
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d
Injection Date: 04-Aug-2022 23:42:33 Instrument ID: LC812
Lims ID: 460-262853-A-4-A Lab Sample ID: 200-262853-4
Client ID: BCS-21-08 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

42 Perfluorotetradecanoic acid, CAS: 376-06-7

Signal: 1

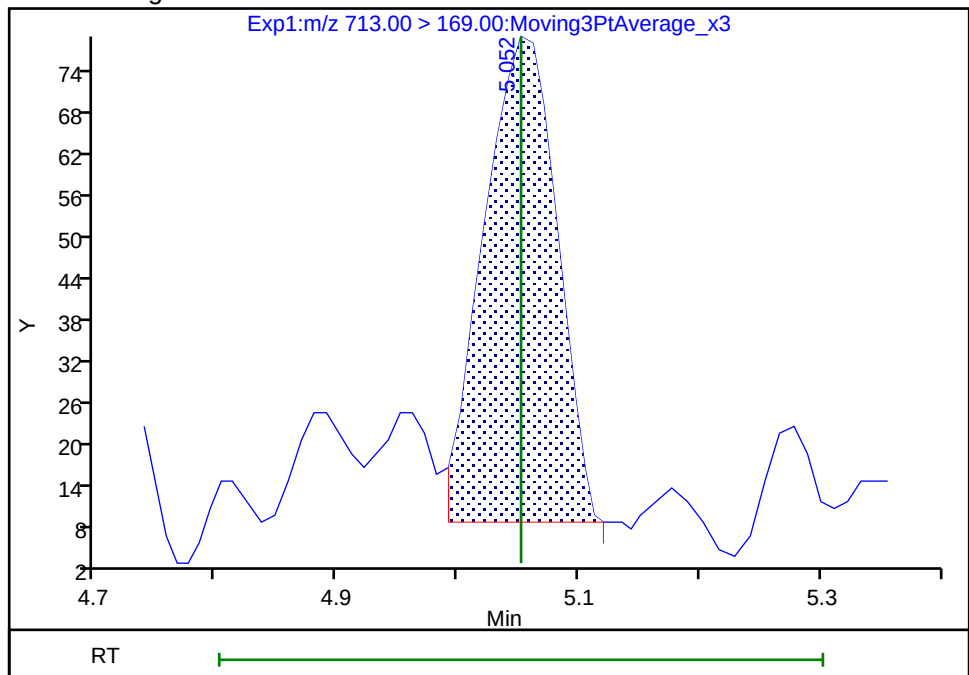
Not Detected
Expected RT: 5.05

Processing Integration Results



Manual Integration Results

RT: 5.05
Area: 298
Amount: 0.002168
Amount Units: ng/ml



Reviewer: nampitakw, 05-Aug-2022 14:22:00

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

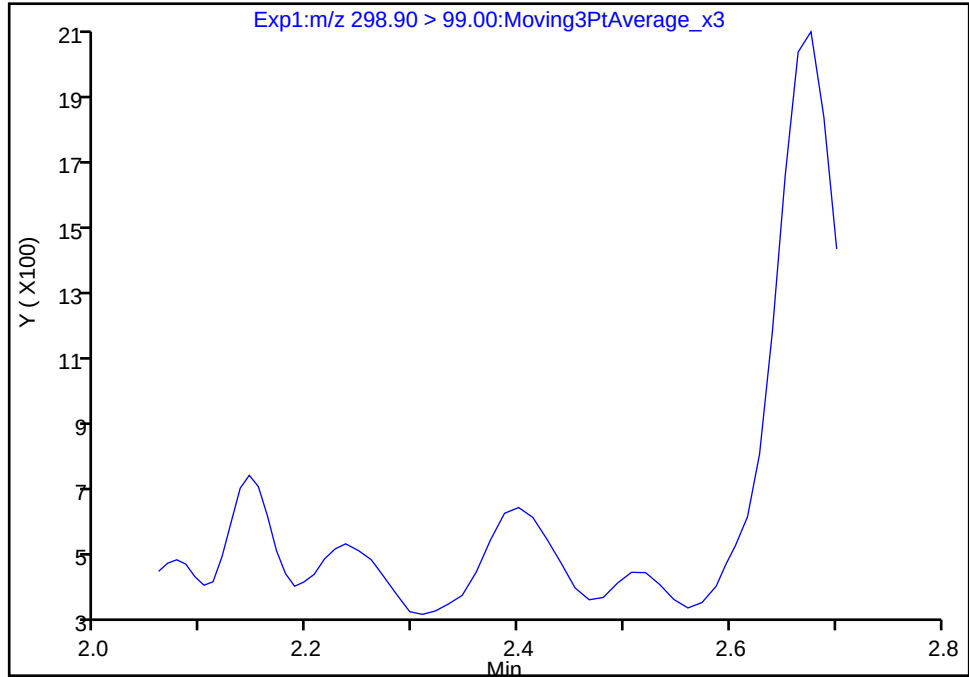
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d
Injection Date: 04-Aug-2022 23:42:33 Instrument ID: LC812
Lims ID: 460-262853-A-4-A Lab Sample ID: 200-262853-4
Client ID: BCS-21-08 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

5 Perfluorobutanesulfonic acid, CAS: 375-73-5

Signal: 2

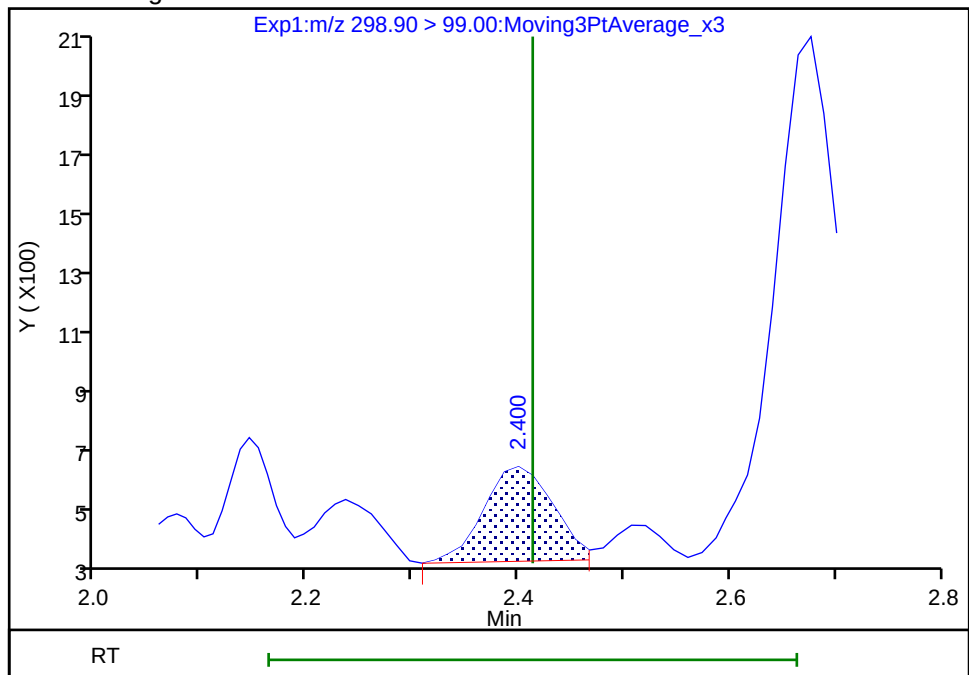
Not Detected
Expected RT: 2.41

Processing Integration Results



Manual Integration Results

RT: 2.40
Area: 1398
Amount: 0.002322
Amount Units: ng/ml



Reviewer: nampitakw, 05-Aug-2022 14:17:37

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

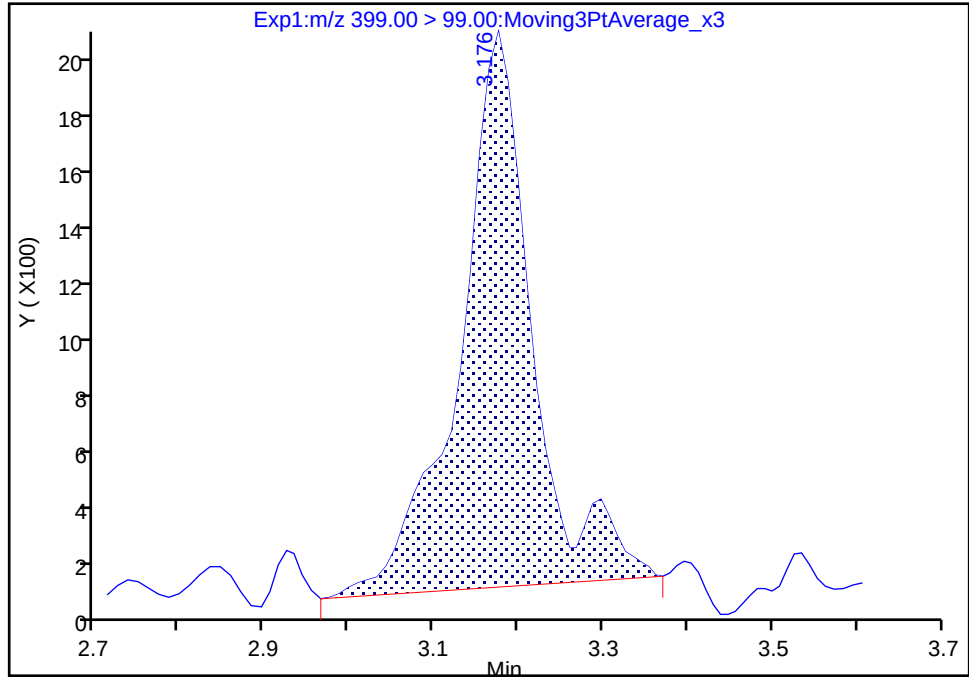
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d		
Injection Date:	04-Aug-2022 23:42:33	Instrument ID:	LC812
Lims ID:	460-262853-A-4-A	Lab Sample ID:	200-262853-4
Client ID:	BCS-21-08 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	24
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	24

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 2

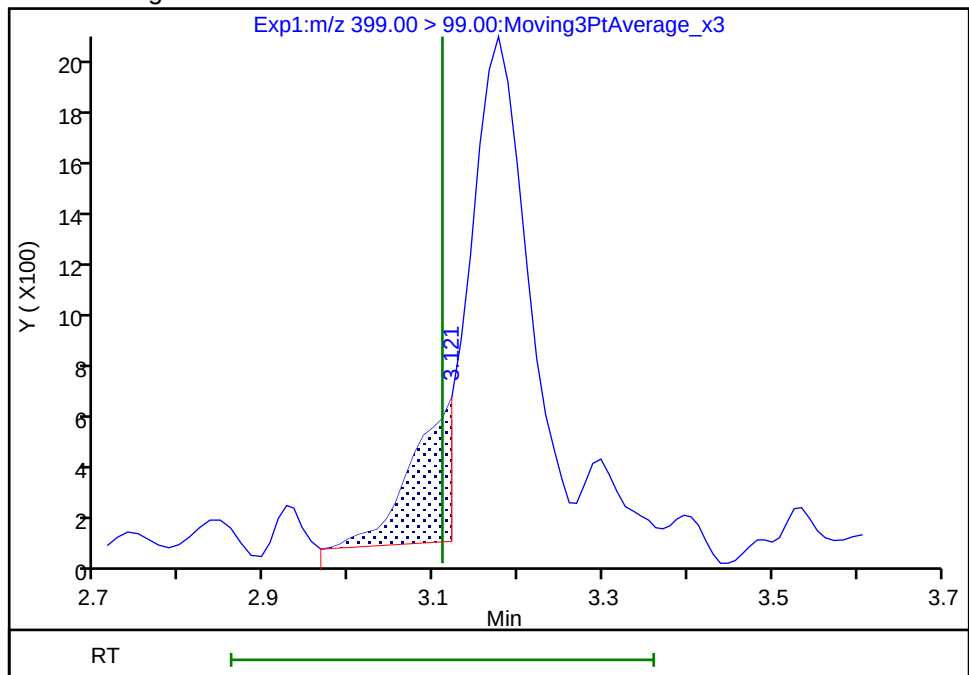
RT: 3.18
Area: 11037
Amount: 0.008999
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 1704
Amount: 0.007731
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:17:51
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

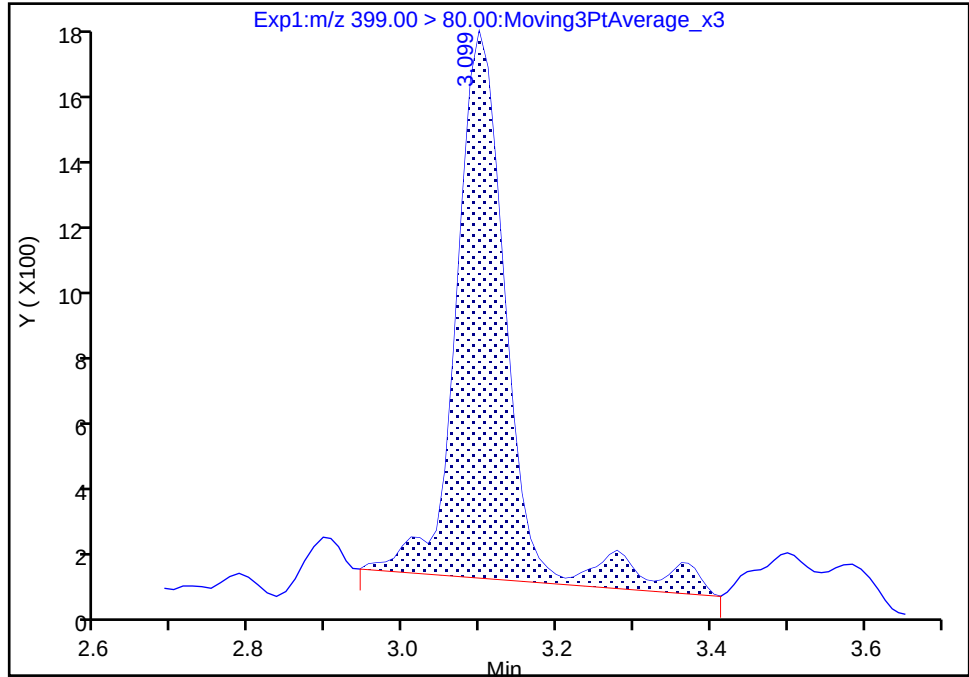
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d
Injection Date: 04-Aug-2022 23:42:33 Instrument ID: LC812
Lims ID: 460-262853-A-4-A Lab Sample ID: 200-262853-4
Client ID: BCS-21-08 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 1

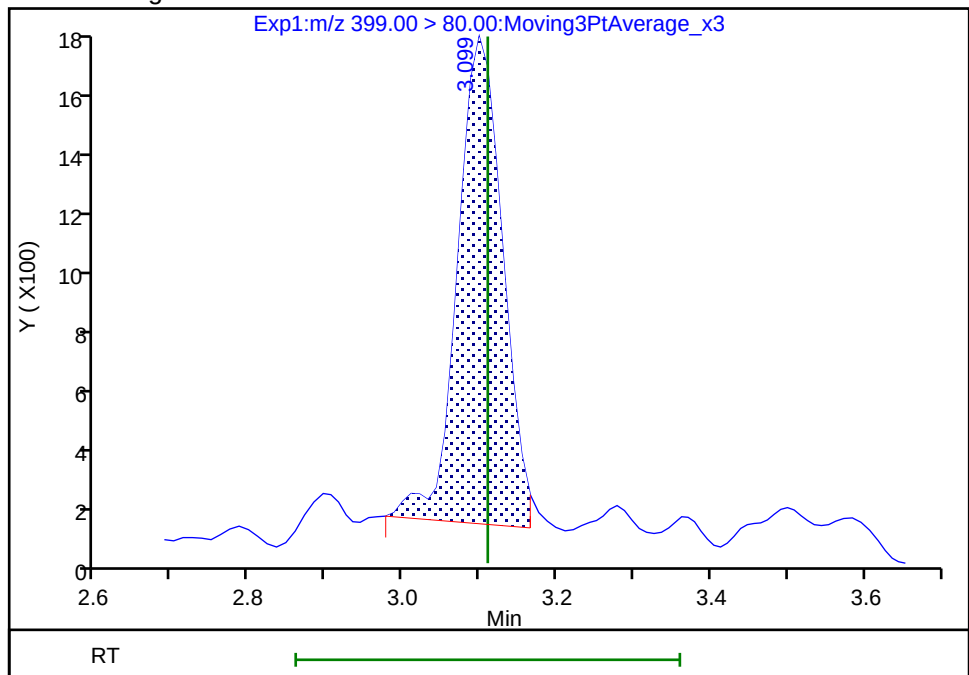
RT: 3.10
Area: 7884
Amount: 0.008999
Amount Units: ng/ml

Processing Integration Results



RT: 3.10
Area: 6731
Amount: 0.007731
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:14:59

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

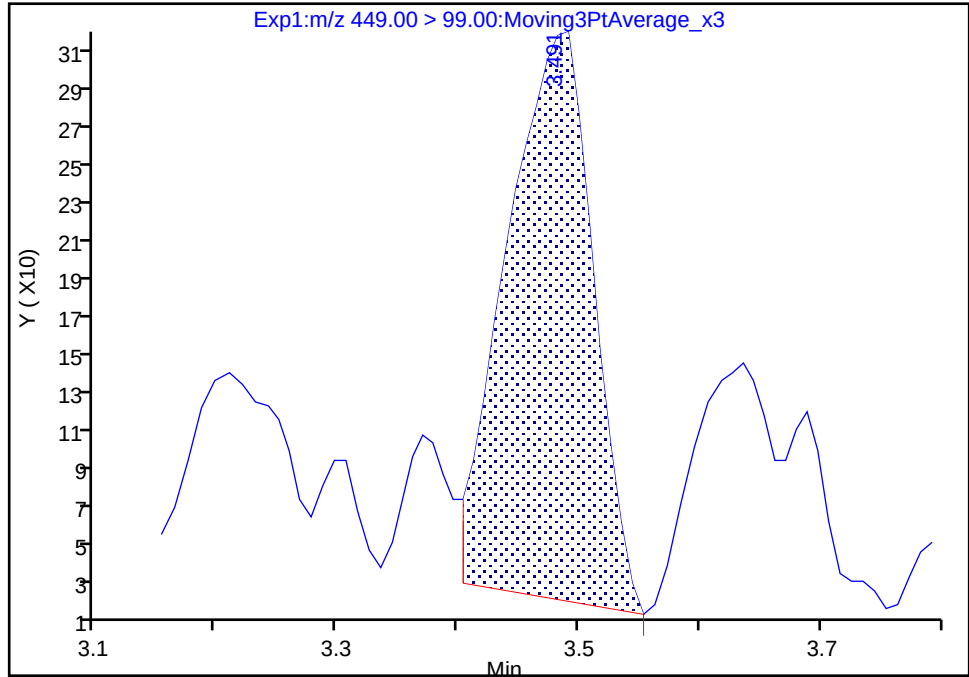
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d				
Injection Date:	04-Aug-2022 23:42:33	Instrument ID:	LC812		
Lims ID:	460-262853-A-4-A	Lab Sample ID:	200-262853-4		
Client ID:	BCS-21-08 P (4-4.5)				
Operator ID:	lc812tech	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	20.0 ul	Dil. Factor:	1.0000		
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL		
Column:	C-18 (4.60 mm)	Detector	EXP1		

16 Perfluoroheptanesulfonic acid, CAS: 375-92-8

Signal: 2

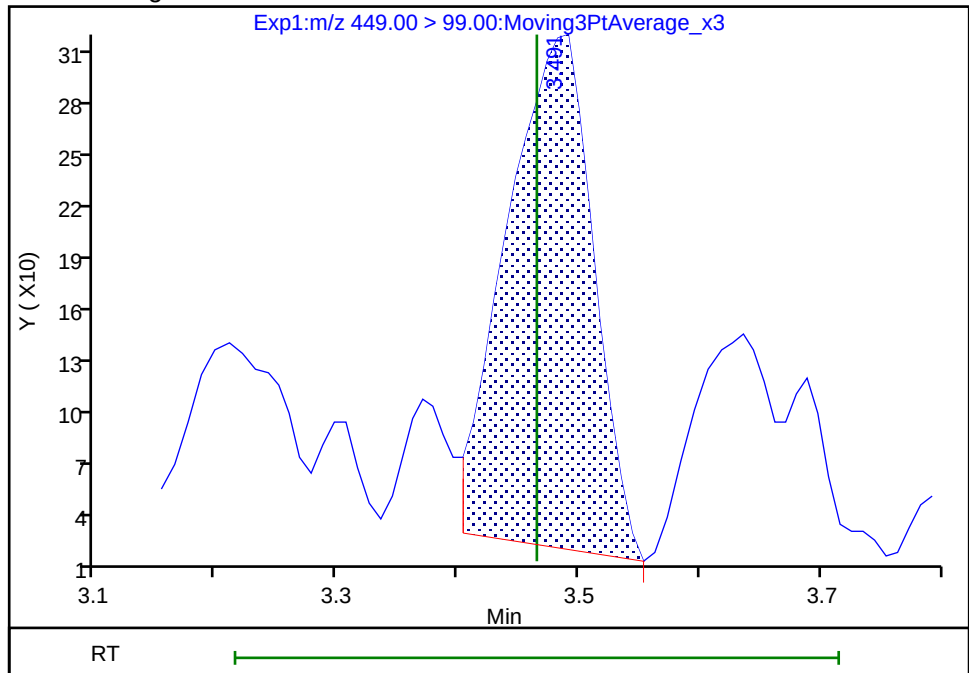
RT: 3.49
Area: 1445
Amount: 0.005061
Amount Units: ng/ml

Processing Integration Results



RT: 3.49
Area: 1445
Amount: 0.004677
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:18:25
Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Burlington

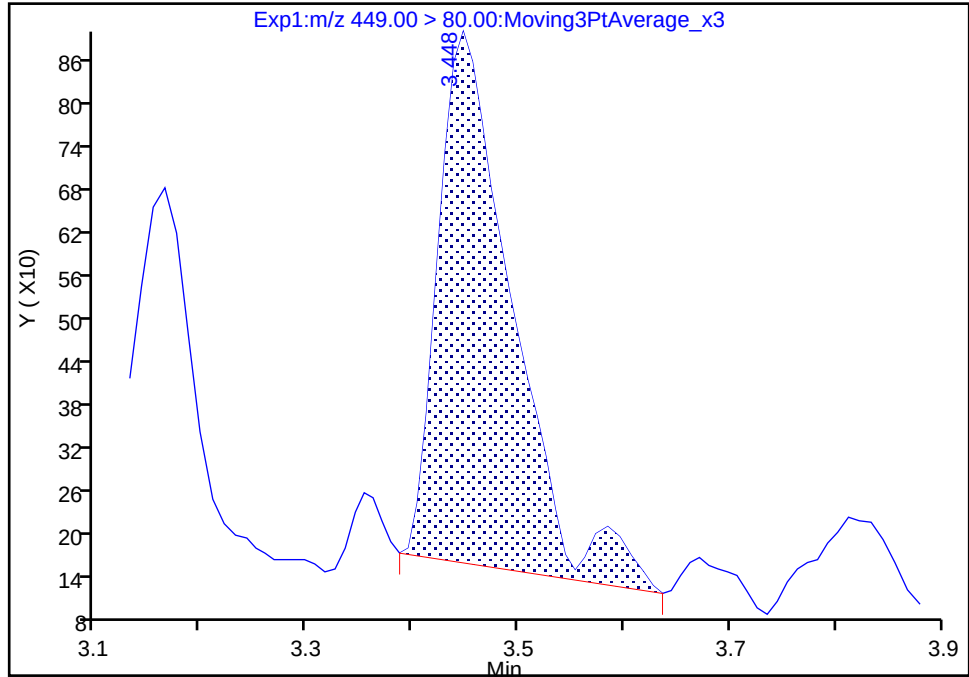
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d
Injection Date: 04-Aug-2022 23:42:33 Instrument ID: LC812
Lims ID: 460-262853-A-4-A Lab Sample ID: 200-262853-4
Client ID: BCS-21-08 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

16 Perfluoroheptanesulfonic acid, CAS: 375-92-8

Signal: 1

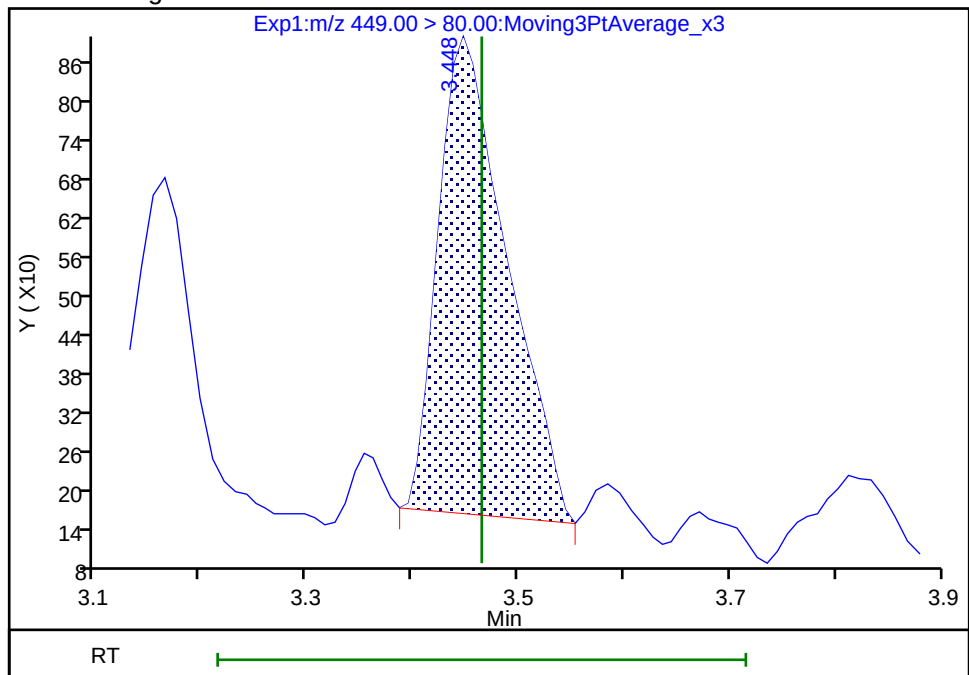
RT: 3.45
Area: 3607
Amount: 0.005061
Amount Units: ng/ml

Processing Integration Results



RT: 3.45
Area: 3318
Amount: 0.004677
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:15:22

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

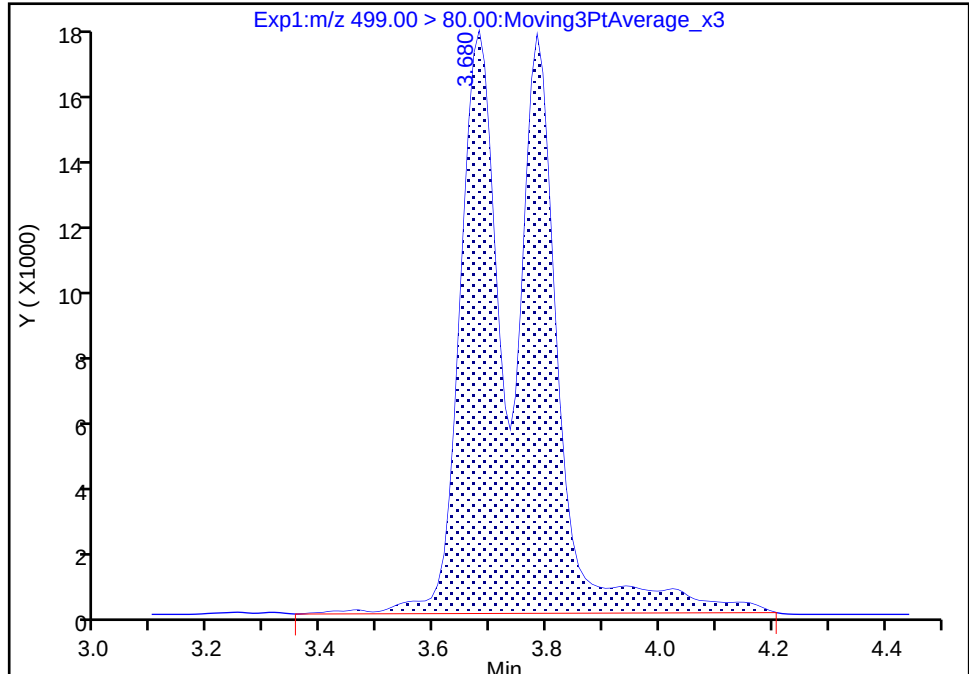
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d		
Injection Date:	04-Aug-2022 23:42:33	Instrument ID:	LC812
Lims ID:	460-262853-A-4-A	Lab Sample ID:	200-262853-4
Client ID:	BCS-21-08 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	24
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	24

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 1

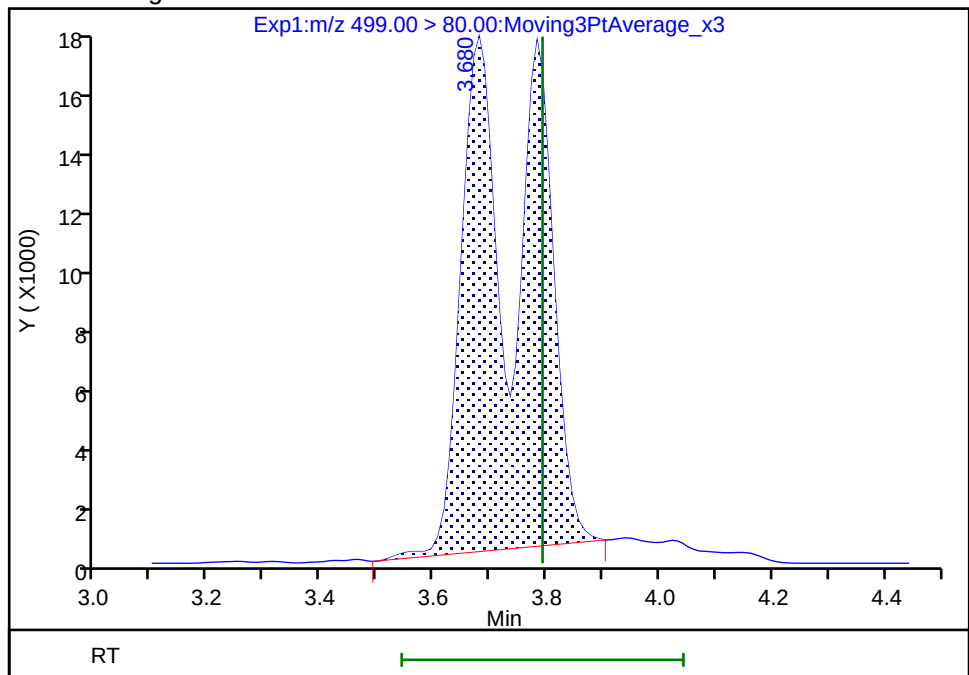
RT: 3.68
Area: 161589
Amount: 0.263164
Amount Units: ng/ml

Processing Integration Results



RT: 3.68
Area: 142286
Amount: 0.230667
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:16:23
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

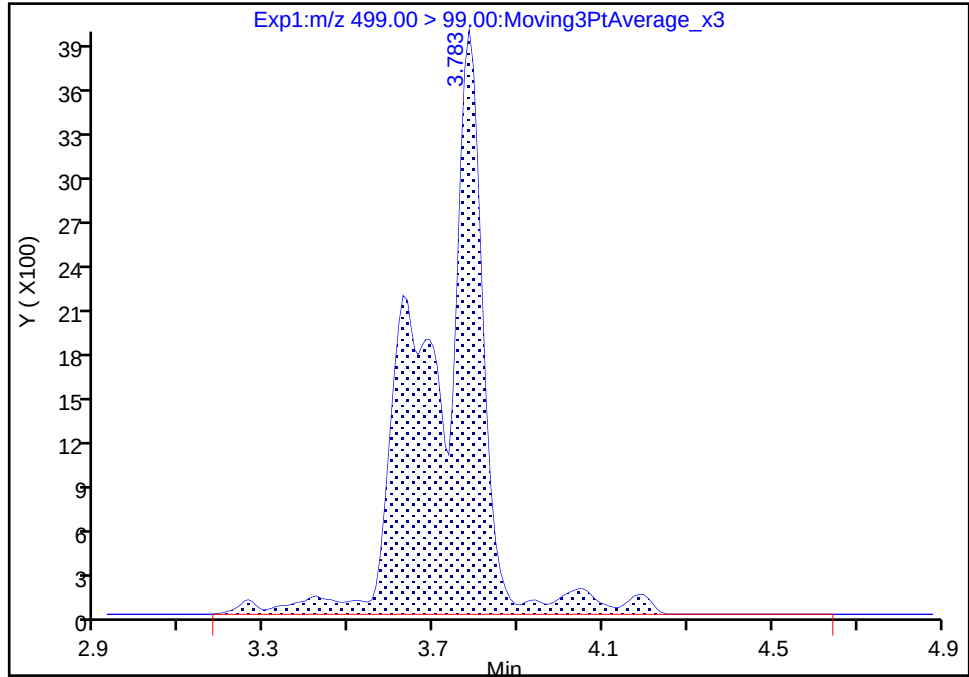
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d
Injection Date: 04-Aug-2022 23:42:33 Instrument ID: LC812
Lims ID: 460-262853-A-4-A Lab Sample ID: 200-262853-4
Client ID: BCS-21-08 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 2

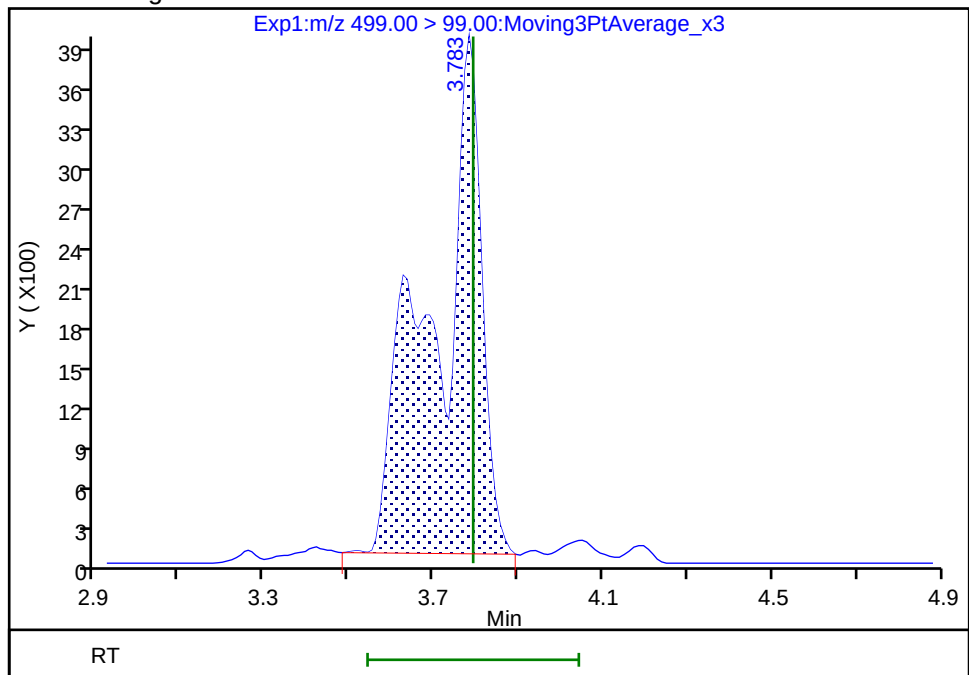
RT: 3.78
Area: 35853
Amount: 0.263164
Amount Units: ng/ml

Processing Integration Results



RT: 3.78
Area: 30860
Amount: 0.230667
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:16:30

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

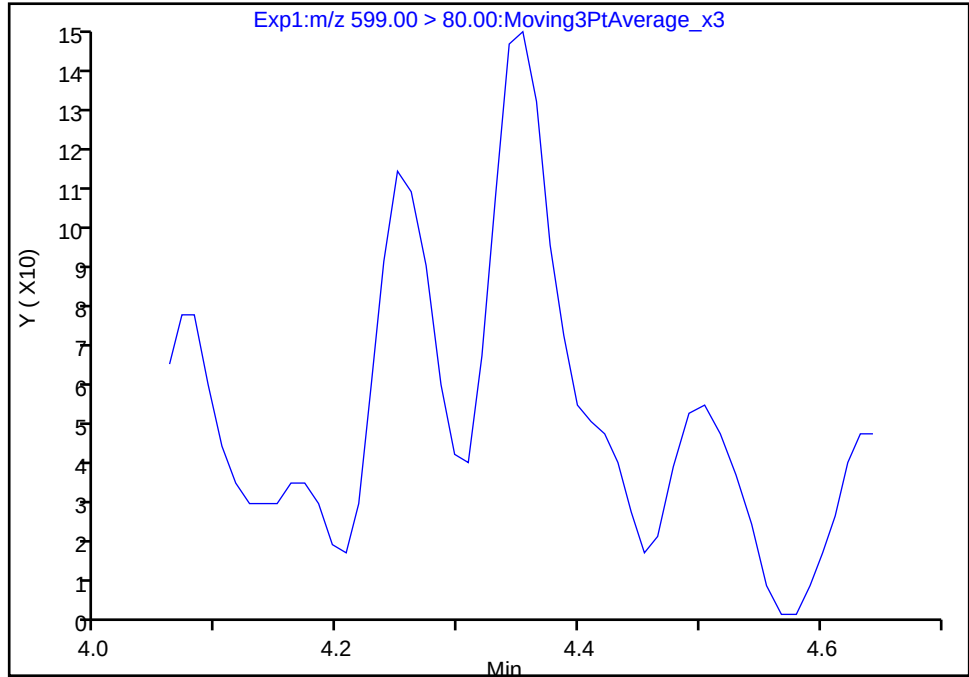
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d				
Injection Date:	04-Aug-2022 23:42:33	Instrument ID:	LC812		
Lims ID:	460-262853-A-4-A	Lab Sample ID:	200-262853-4		
Client ID:	BCS-21-08 P (4-4.5)				
Operator ID:	lc812tech	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	20.0 ul	Dil. Factor:	1.0000		
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL		
Column:	C-18 (4.60 mm)	Detector	EXP1		

29 Perfluorodecanesulfonic acid, CAS: 335-77-3

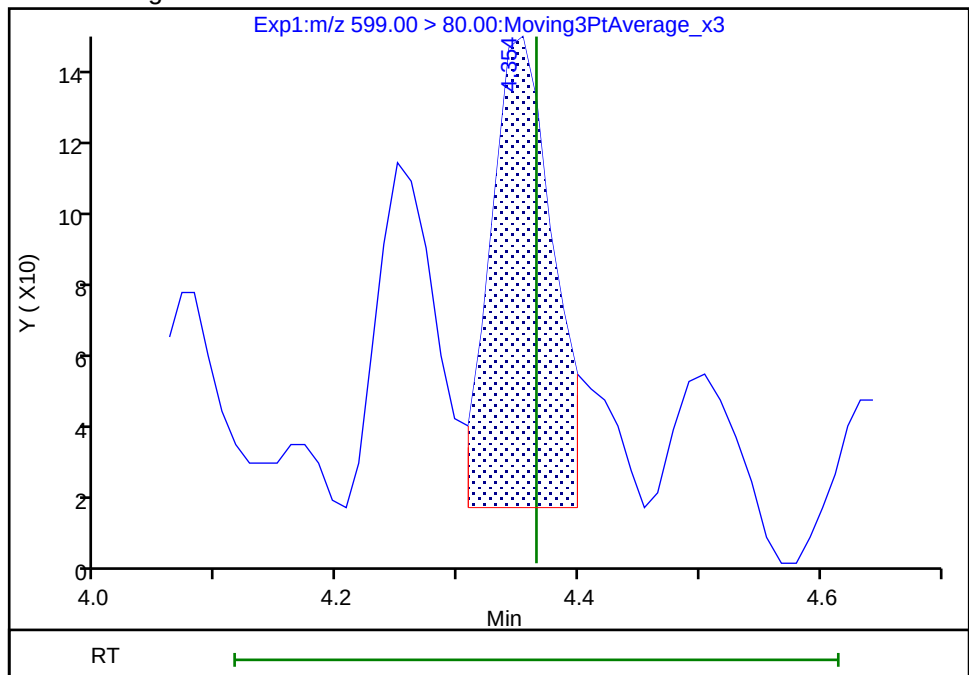
Signal: 1

Not Detected
Expected RT: 4.36

Processing Integration Results



Manual Integration Results



RT: 4.35
Area: 442
Amount: 0.001322
Amount Units: ng/ml

Reviewer: FDT7, 08-Aug-2022 12:17:35
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

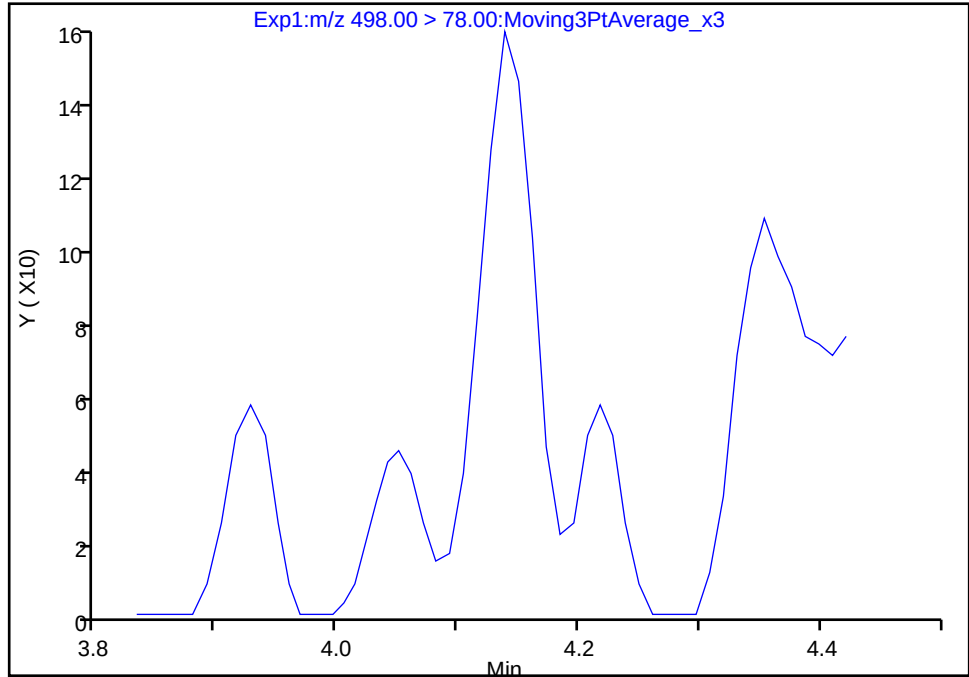
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d				
Injection Date:	04-Aug-2022 23:42:33	Instrument ID:	LC812		
Lims ID:	460-262853-A-4-A	Lab Sample ID:	200-262853-4		
Client ID:	BCS-21-08 P (4-4.5)				
Operator ID:	lc812tech	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	20.0 ul	Dil. Factor:	1.0000		
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL		
Column:	C-18 (4.60 mm)	Detector	EXP1		

22 Perfluorooctanesulfonamide, CAS: 754-91-6

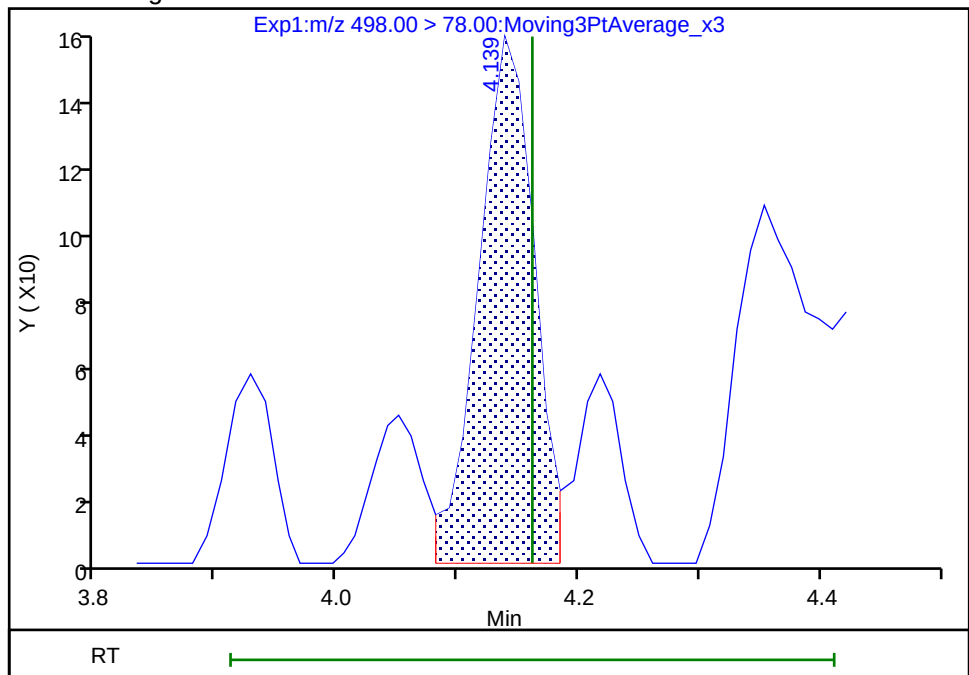
Signal: 1

Not Detected
Expected RT: 4.16

Processing Integration Results



Manual Integration Results



RT: 4.14
Area: 484
Amount: 0.000546
Amount Units: ng/ml

Reviewer: nampitakw, 05-Aug-2022 14:20:22
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

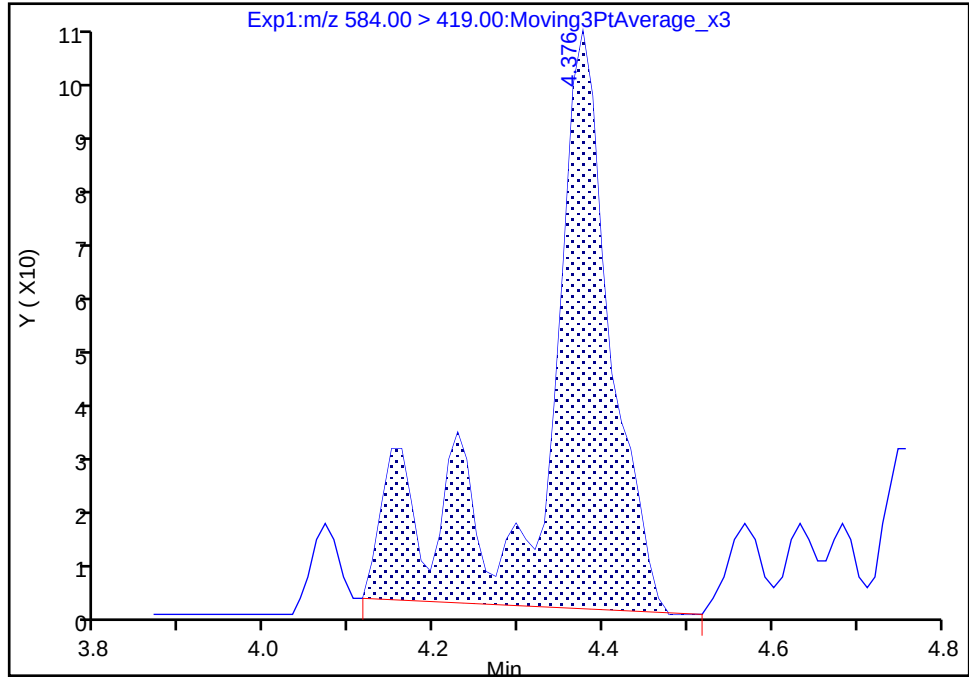
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d
Injection Date: 04-Aug-2022 23:42:33 Instrument ID: LC812
Lims ID: 460-262853-A-4-A Lab Sample ID: 200-262853-4
Client ID: BCS-21-08 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

33 N-ethylperfluorooctanesulfonamid, CAS: 2991-50-6

Signal: 1

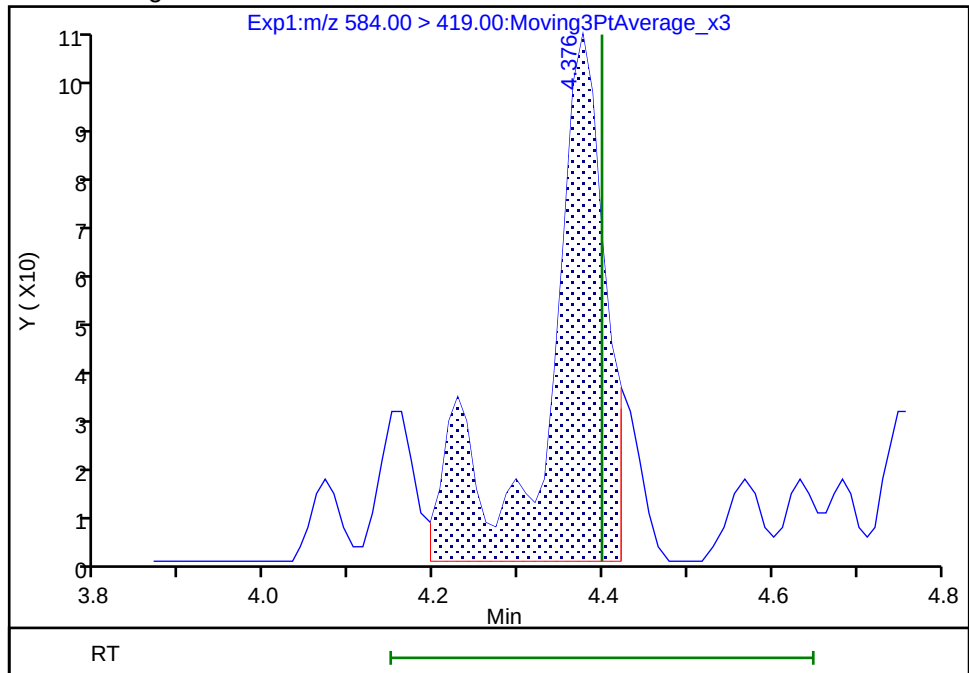
RT: 4.38
Area: 616
Amount: 0.005537
Amount Units: ng/ml

Processing Integration Results



RT: 4.38
Area: 509
Amount: 0.004575
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:21:05
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

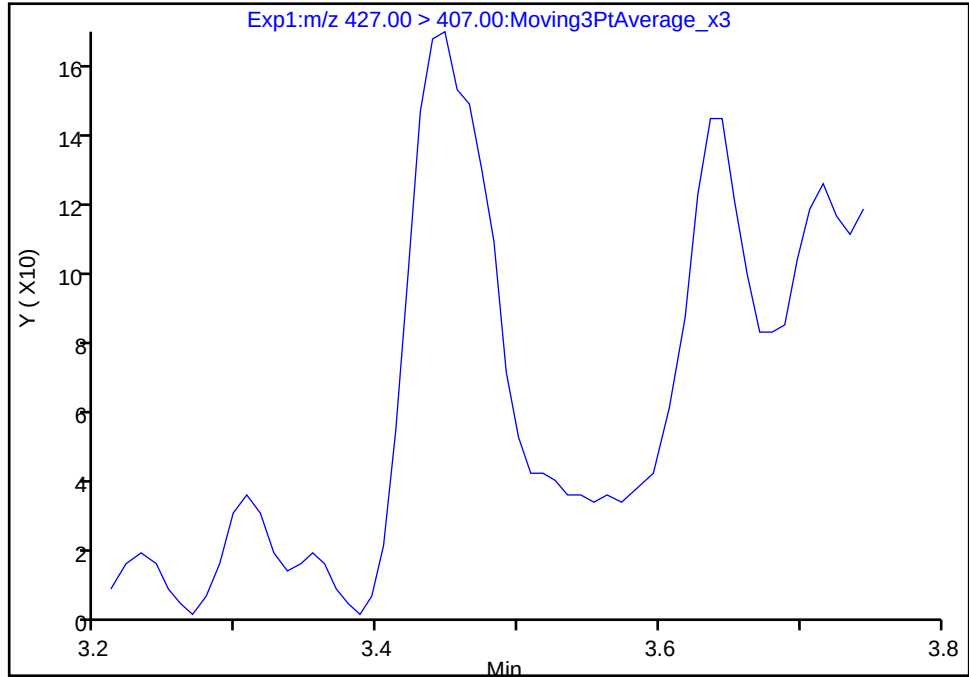
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d
Injection Date: 04-Aug-2022 23:42:33 Instrument ID: LC812
Lims ID: 460-262853-A-4-A Lab Sample ID: 200-262853-4
Client ID: BCS-21-08 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

13 1H,1H,2H,2H-perfluorooctanesulfo, CAS: 27619-97-2

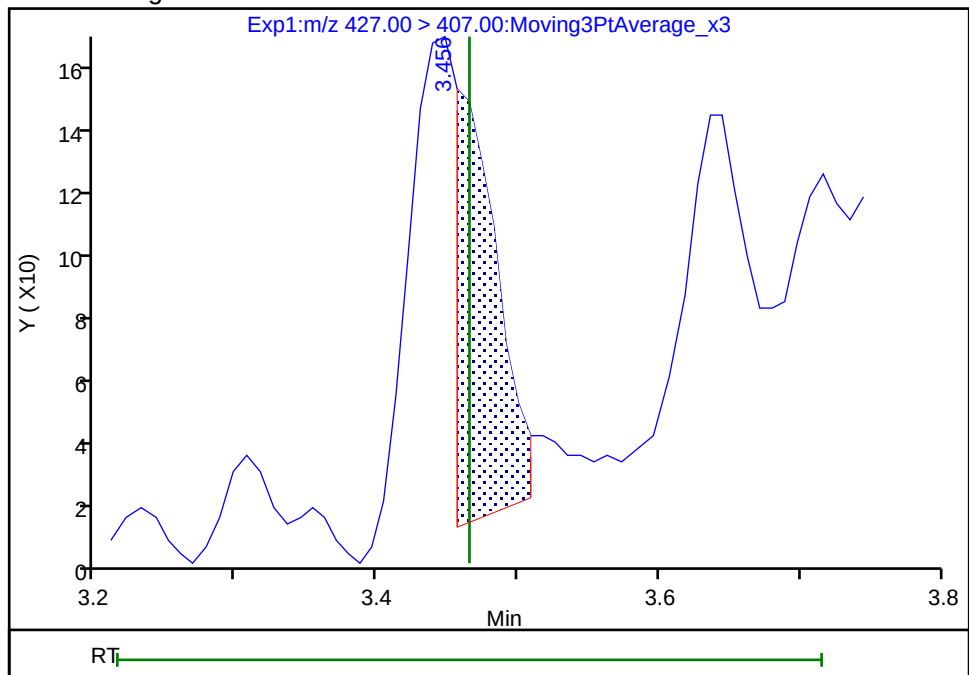
Signal: 1

Not Detected
Expected RT: 3.47

Processing Integration Results



Manual Integration Results



RT: 3.46
Area: 251
Amount: -0.015411
Amount Units: ng/ml

Reviewer: nampitakw, 05-Aug-2022 14:18:20
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

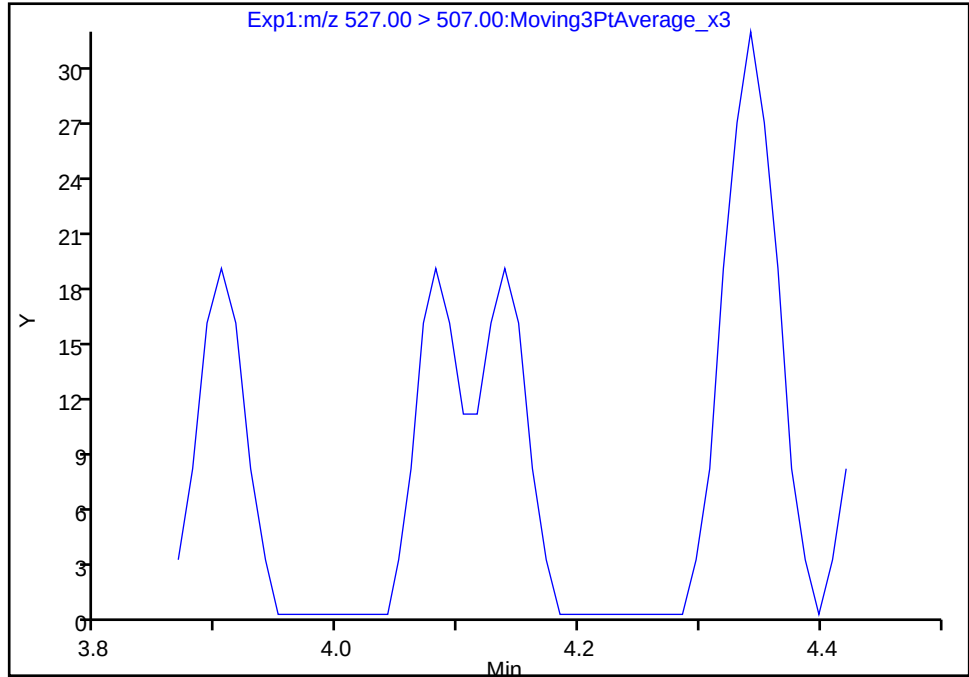
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d				
Injection Date:	04-Aug-2022 23:42:33	Instrument ID:	LC812		
Lims ID:	460-262853-A-4-A	Lab Sample ID:	200-262853-4		
Client ID:	BCS-21-08 P (4-4.5)				
Operator ID:	lc812tech	ALS Bottle#:	24	Worklist Smp#:	24
Injection Vol:	20.0 ul	Dil. Factor:	1.0000		
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL		
Column:	C-18 (4.60 mm)	Detector	EXP1		

25 1H,1H,2H,2H-perfluorodecanesulfo, CAS: 39108-34-4

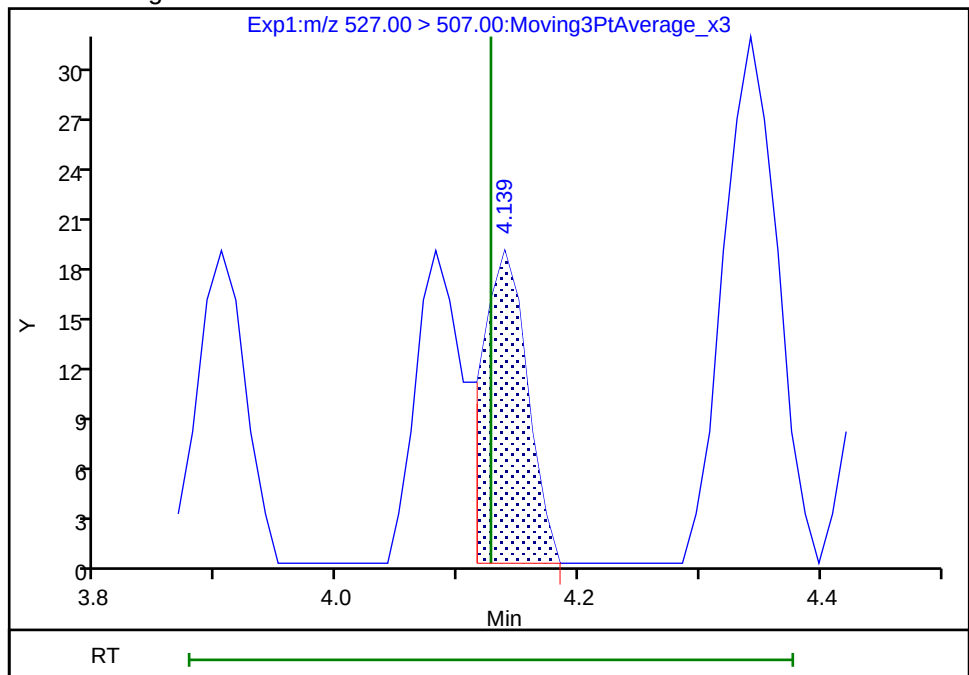
Signal: 1

Not Detected
Expected RT: 4.13

Processing Integration Results



Manual Integration Results



RT: 4.14
Area: 46
Amount: 0.000301
Amount Units: ng/ml

Reviewer: nampitakw, 05-Aug-2022 14:20:04
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

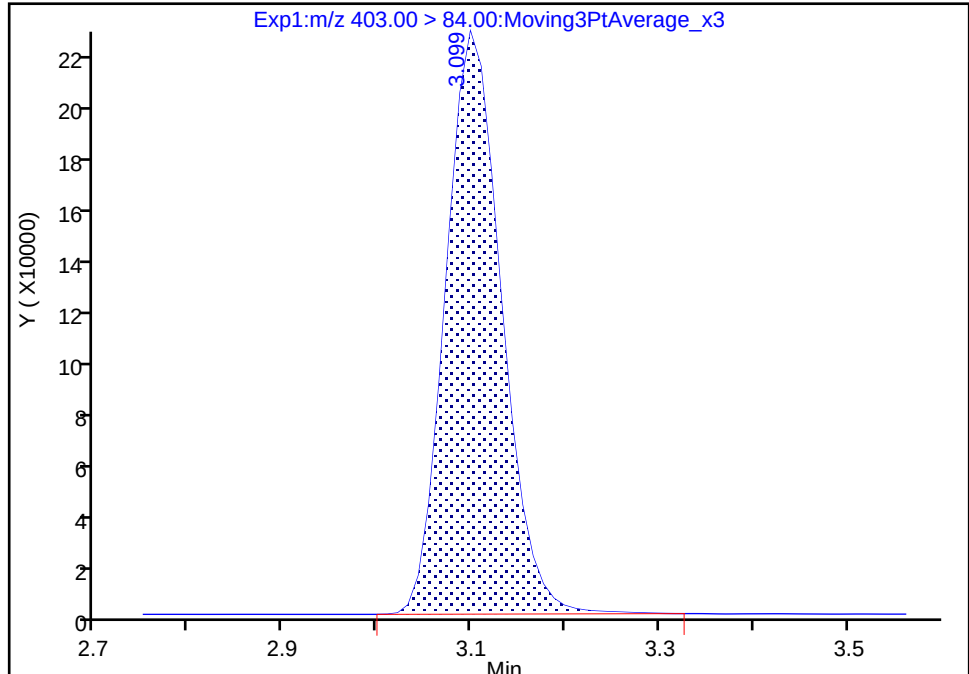
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d		
Injection Date:	04-Aug-2022 23:42:33	Instrument ID:	LC812
Lims ID:	460-262853-A-4-A	Lab Sample ID:	200-262853-4
Client ID:	BCS-21-08 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	24
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	24

D 11 18O2 PFHxS, CAS: STL00994

Signal: 1

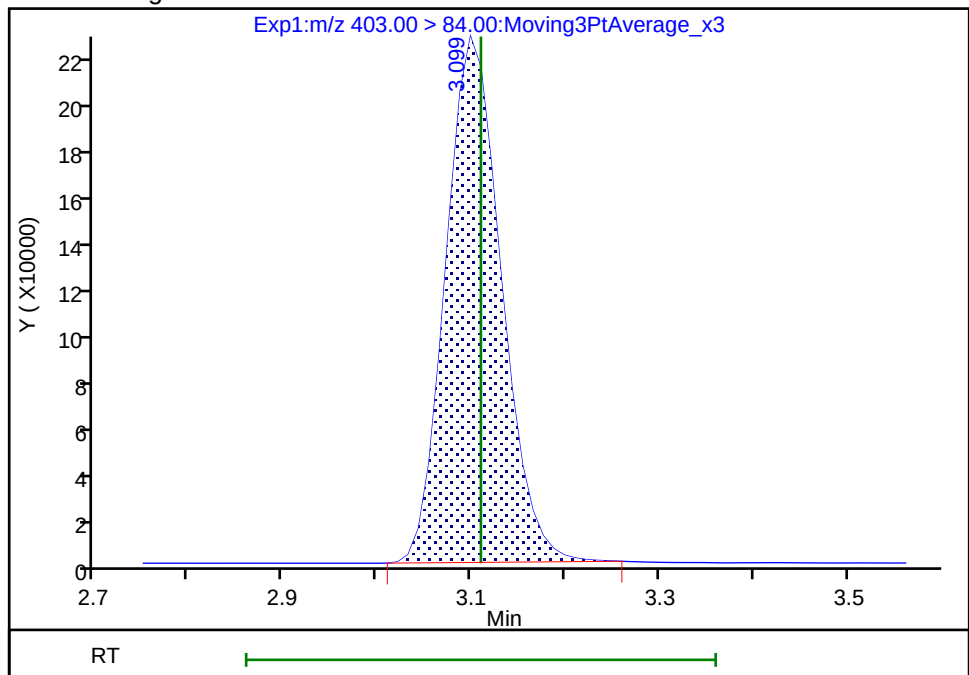
RT: 3.10
Area: 939288
Amount: 0.951247
Amount Units: ng/ml

Processing Integration Results



RT: 3.10
Area: 933463
Amount: 0.947913
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:14:47
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

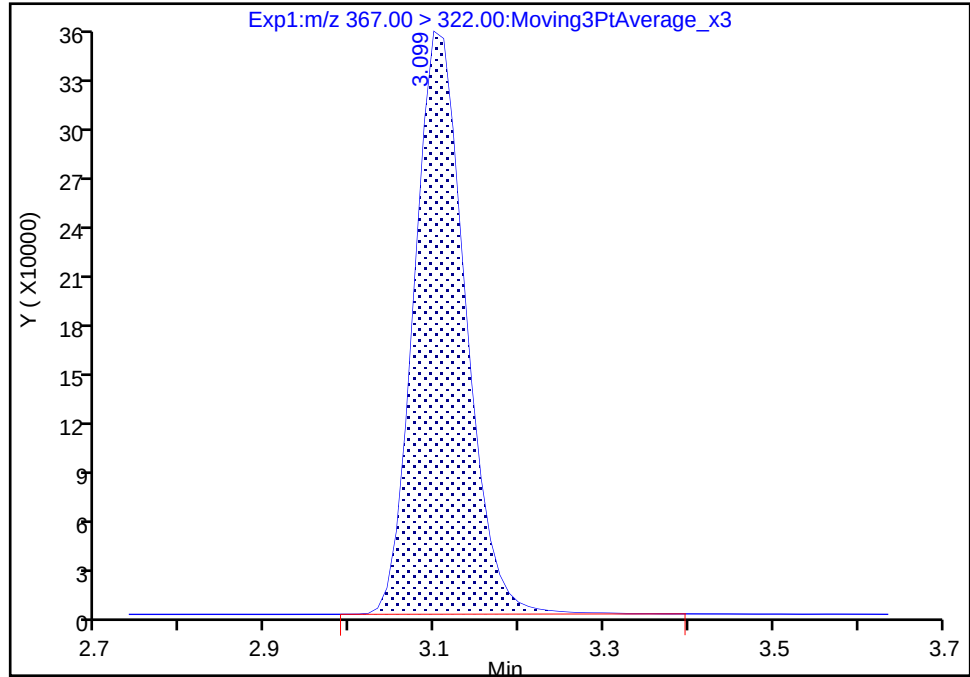
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d
Injection Date: 04-Aug-2022 23:42:33 Instrument ID: LC812
Lims ID: 460-262853-A-4-A Lab Sample ID: 200-262853-4
Client ID: BCS-21-08 P (4-4.5)
Operator ID: lc812tech ALS Bottle#: 24 Worklist Smp#: 24
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 9 13C4 PFHpA, CAS: STL01892

Signal: 1

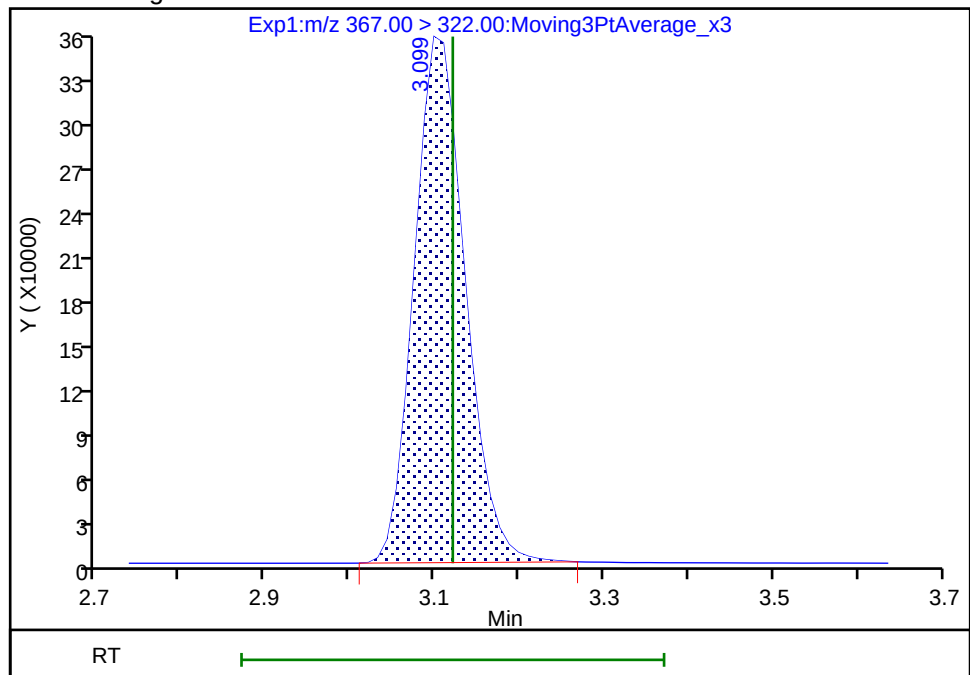
RT: 3.10
Area: 1500087
Amount: 1.193833
Amount Units: ng/ml

Processing Integration Results



RT: 3.10
Area: 1492206
Amount: 1.190783
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:15:07
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

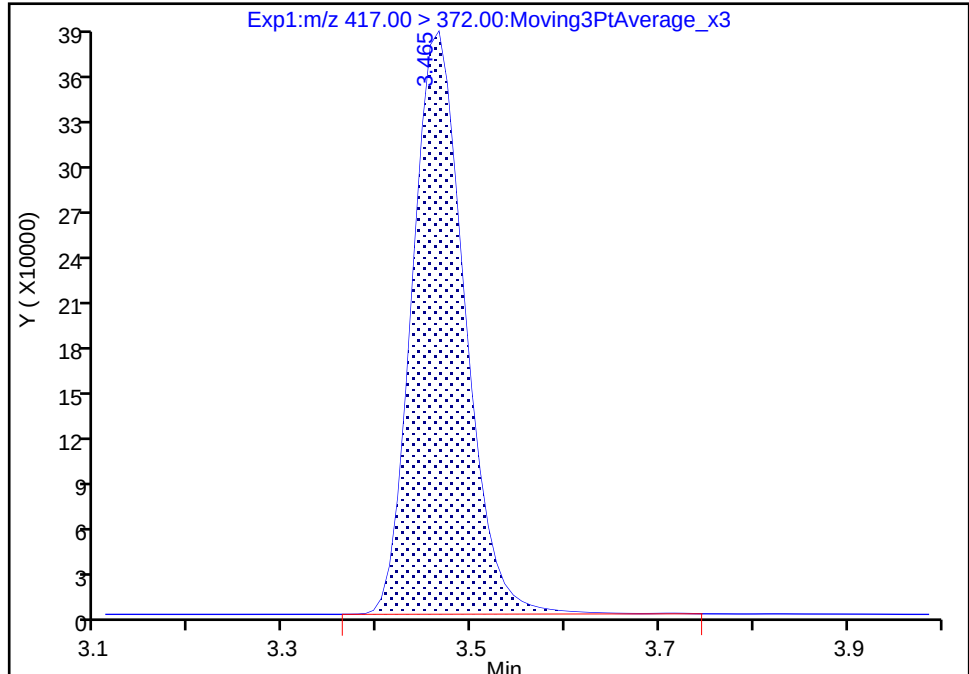
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d		
Injection Date:	04-Aug-2022 23:42:33	Instrument ID:	LC812
Lims ID:	460-262853-A-4-A	Lab Sample ID:	200-262853-4
Client ID:	BCS-21-08 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	24
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	24

D 14 13C4 PFOA, CAS: STL00990

Signal: 1

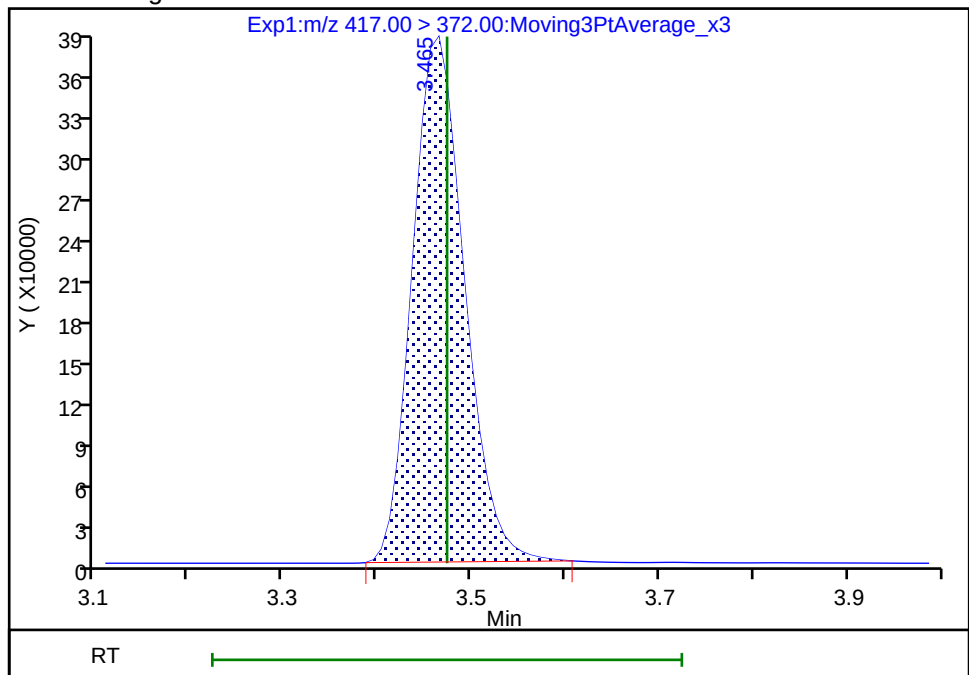
RT: 3.47
Area: 1479686
Amount: 1.149231
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 1463953
Amount: 1.140097
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:16:04
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

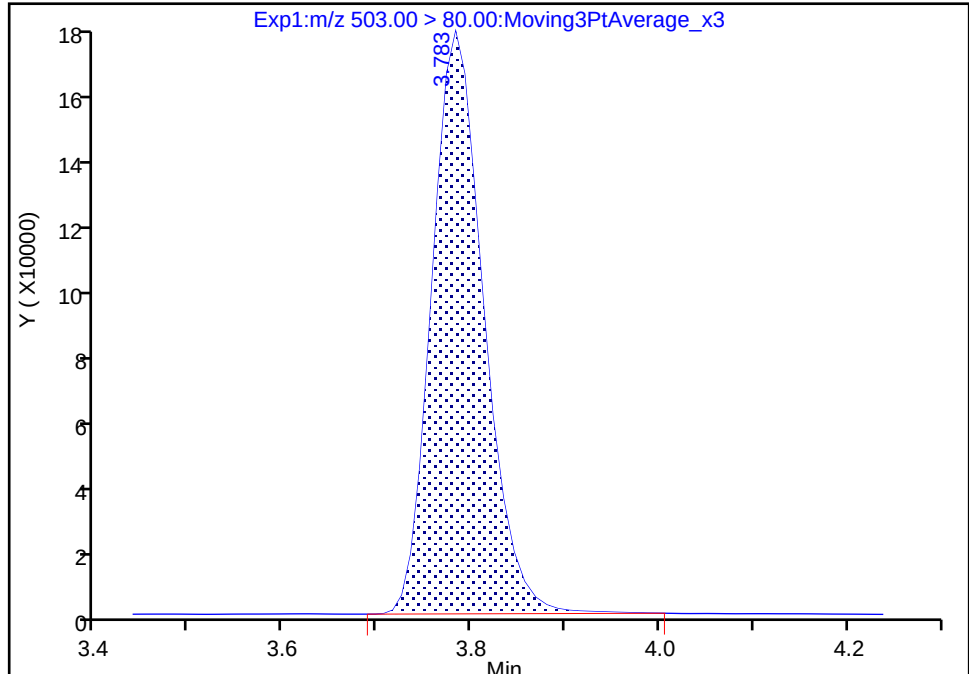
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d		
Injection Date:	04-Aug-2022 23:42:33	Instrument ID:	LC812
Lims ID:	460-262853-A-4-A	Lab Sample ID:	200-262853-4
Client ID:	BCS-21-08 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	24
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	24

D 18 13C4 PFOS, CAS: STL00991

Signal: 1

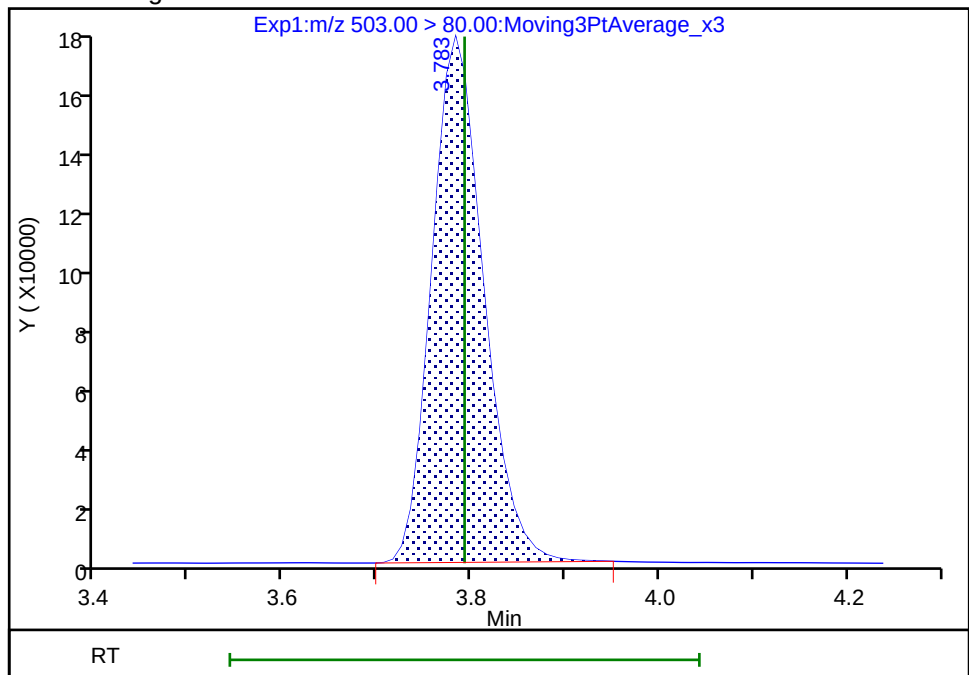
RT: 3.78
Area: 689114
Amount: 0.937172
Amount Units: ng/ml

Processing Integration Results



RT: 3.78
Area: 685941
Amount: 0.932857
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:16:40
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

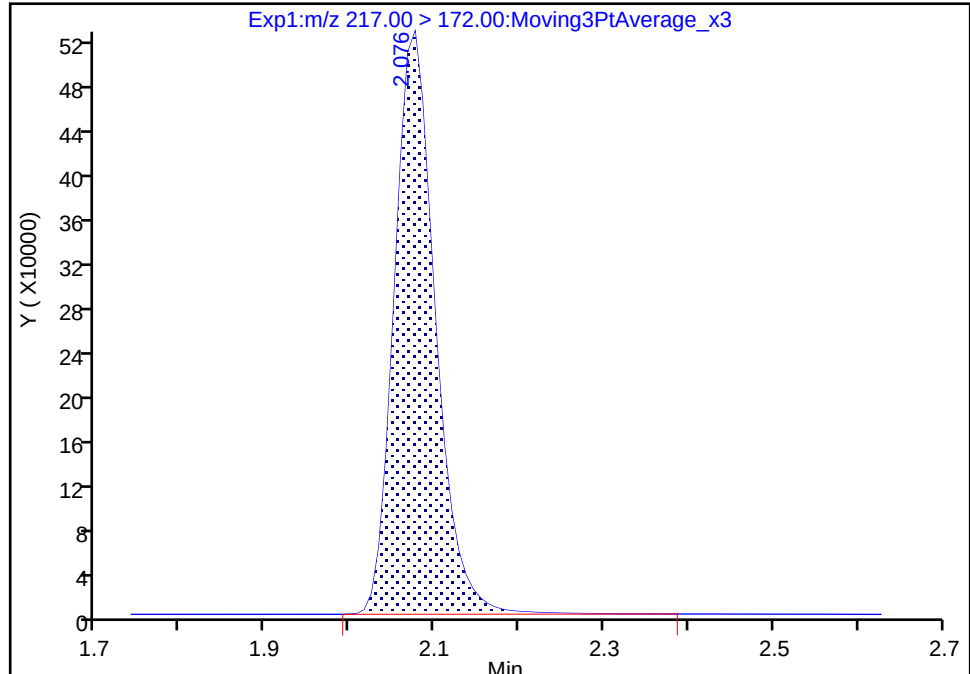
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d		
Injection Date:	04-Aug-2022 23:42:33	Instrument ID:	LC812
Lims ID:	460-262853-A-4-A	Lab Sample ID:	200-262853-4
Client ID:	BCS-21-08 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	24
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	24

D 1 13C4 PFBA, CAS: STL00992

Signal: 1

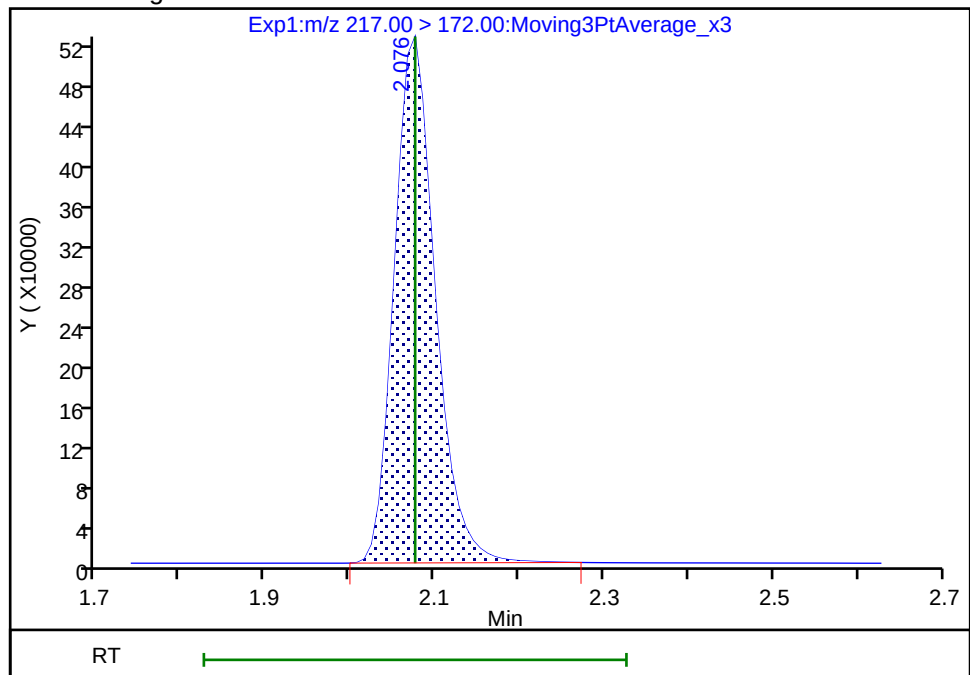
RT: 2.08
Area: 1747434
Amount: 1.107719
Amount Units: ng/ml

Processing Integration Results



RT: 2.08
Area: 1741440
Amount: 1.106915
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:14:07

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

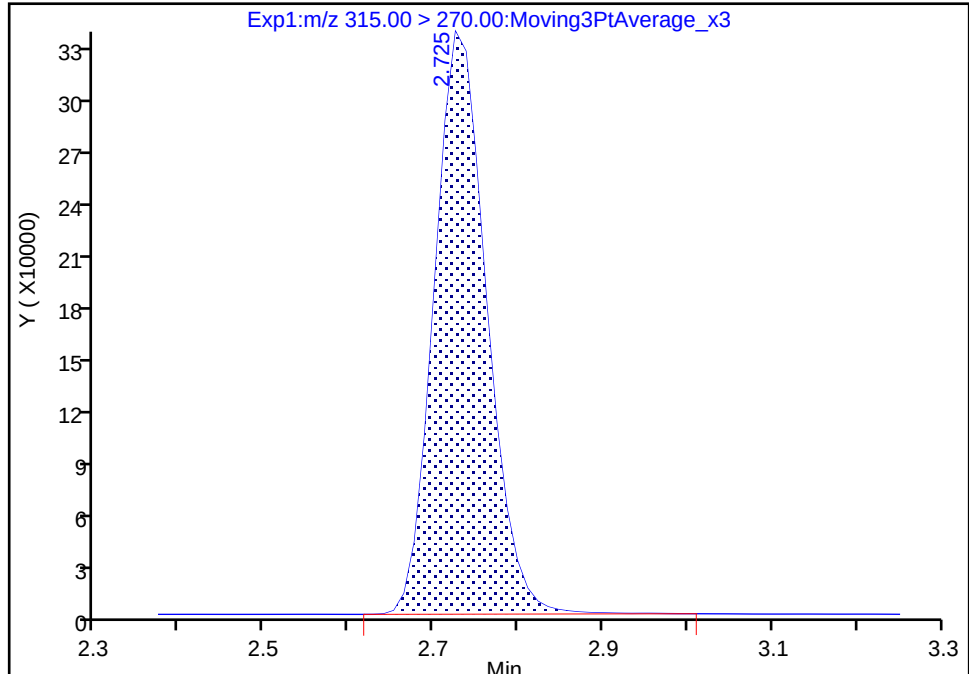
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d		
Injection Date:	04-Aug-2022 23:42:33	Instrument ID:	LC812
Lims ID:	460-262853-A-4-A	Lab Sample ID:	200-262853-4
Client ID:	BCS-21-08 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	24
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	24

D 7 13C2 PFHxA, CAS: STL00993

Signal: 1

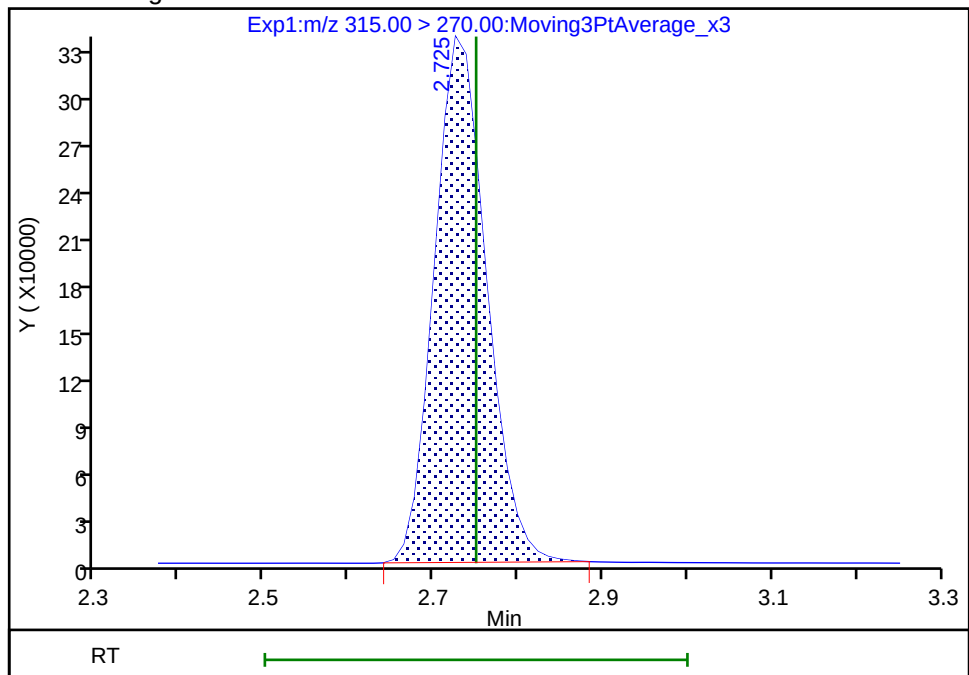
RT: 2.73
Area: 1430535
Amount: 1.180887
Amount Units: ng/ml

Processing Integration Results



RT: 2.73
Area: 1421293
Amount: 1.176441
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:14:38
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

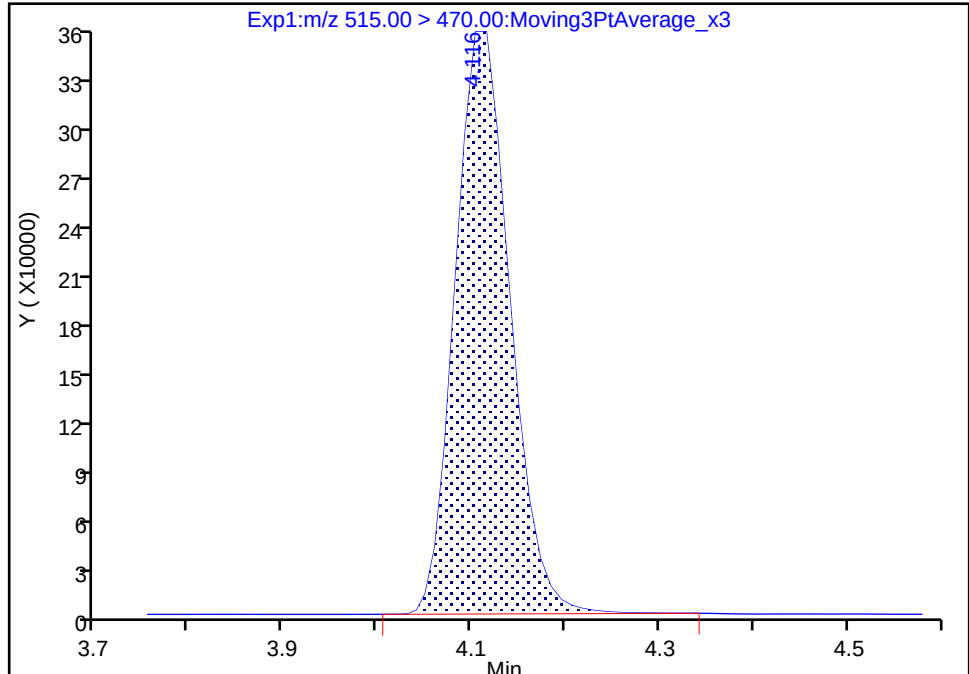
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d		
Injection Date:	04-Aug-2022 23:42:33	Instrument ID:	LC812
Lims ID:	460-262853-A-4-A	Lab Sample ID:	200-262853-4
Client ID:	BCS-21-08 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	24
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	24

D 23 13C2 PFDA, CAS: STL00996

Signal: 1

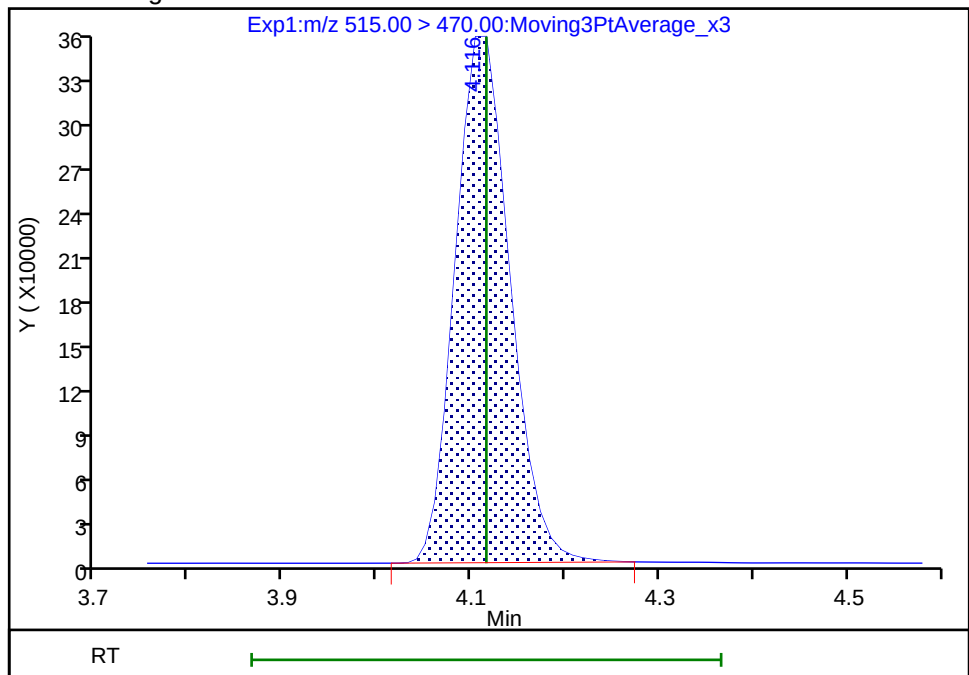
RT: 4.12
Area: 1447817
Amount: 1.115935
Amount Units: ng/ml

Processing Integration Results



RT: 4.12
Area: 1444277
Amount: 1.113206
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:16:54
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

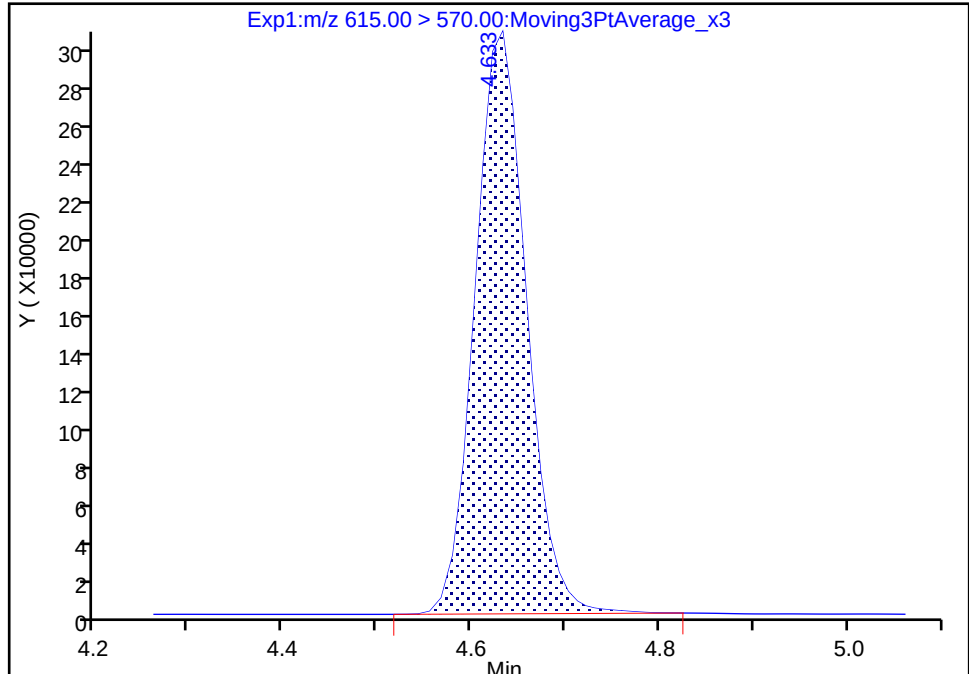
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d		
Injection Date:	04-Aug-2022 23:42:33	Instrument ID:	LC812
Lims ID:	460-262853-A-4-A	Lab Sample ID:	200-262853-4
Client ID:	BCS-21-08 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	24
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	24

D 36 13C2 PFD_oA, CAS: STL00998

Signal: 1

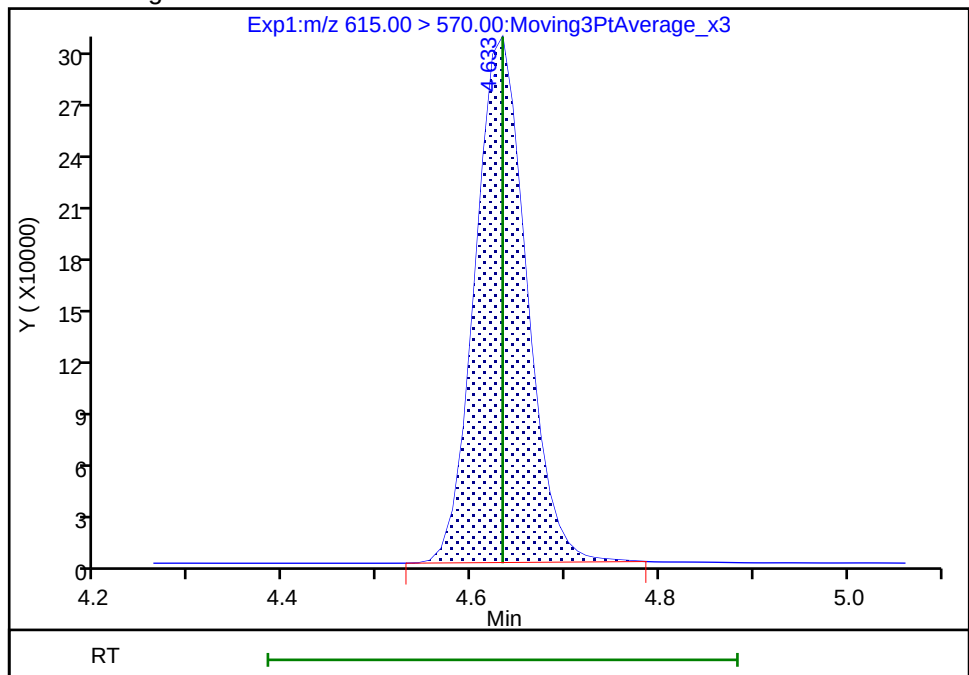
RT: 4.63
Area: 1163172
Amount: 1.141889
Amount Units: ng/ml

Processing Integration Results



RT: 4.63
Area: 1160015
Amount: 1.138790
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:17:53
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

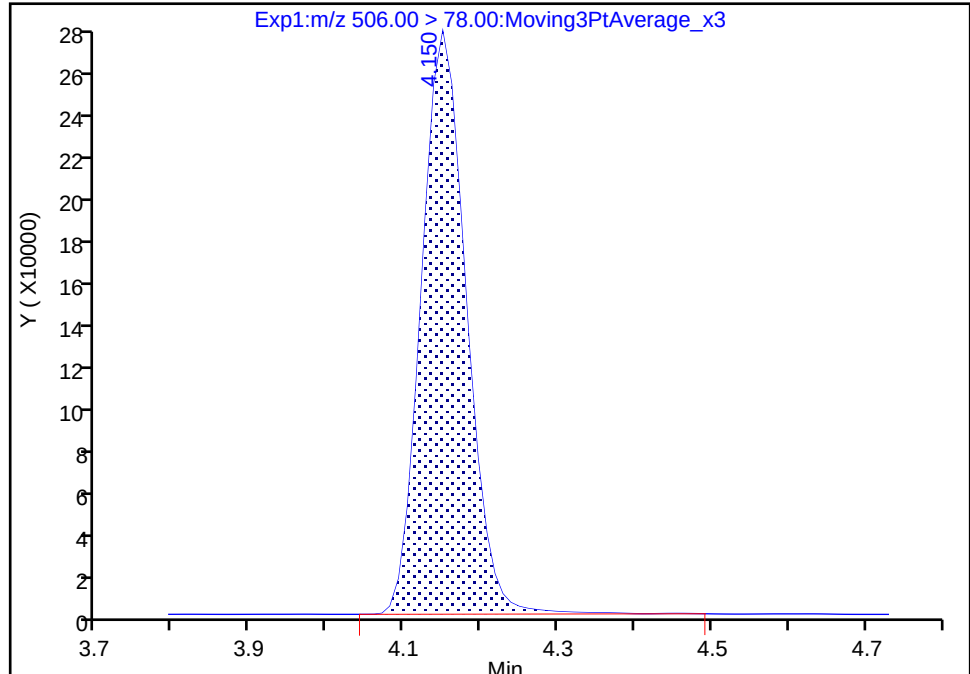
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d		
Injection Date:	04-Aug-2022 23:42:33	Instrument ID:	LC812
Lims ID:	460-262853-A-4-A	Lab Sample ID:	200-262853-4
Client ID:	BCS-21-08 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	24
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	24

D 21 13C8 FOSA, CAS: STL01056

Signal: 1

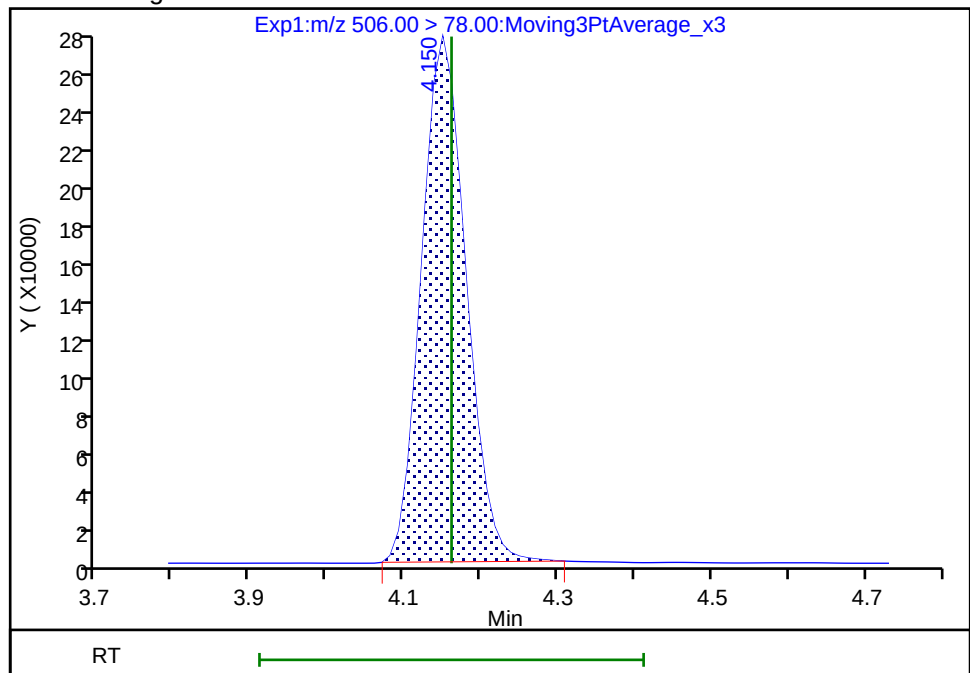
RT: 4.15
Area: 1100630
Amount: 0.966652
Amount Units: ng/ml

Processing Integration Results



RT: 4.15
Area: 1087230
Amount: 0.957474
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:17:09
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

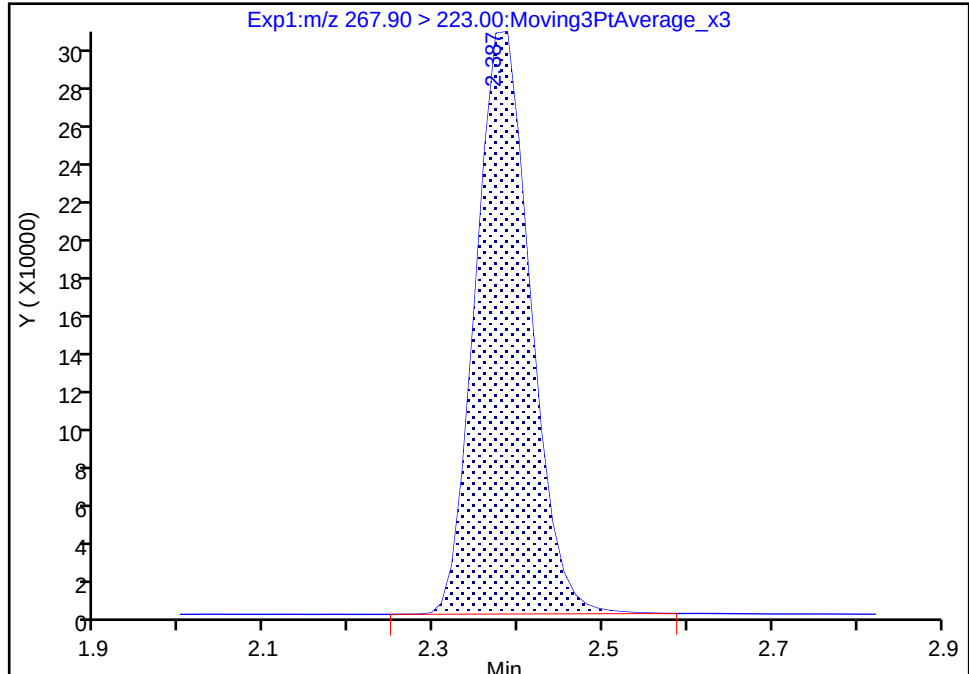
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d		
Injection Date:	04-Aug-2022 23:42:33	Instrument ID:	LC812
Lims ID:	460-262853-A-4-A	Lab Sample ID:	200-262853-4
Client ID:	BCS-21-08 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	24
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	24

D 3 13C5 PFPeA, CAS: STL01893

Signal: 1

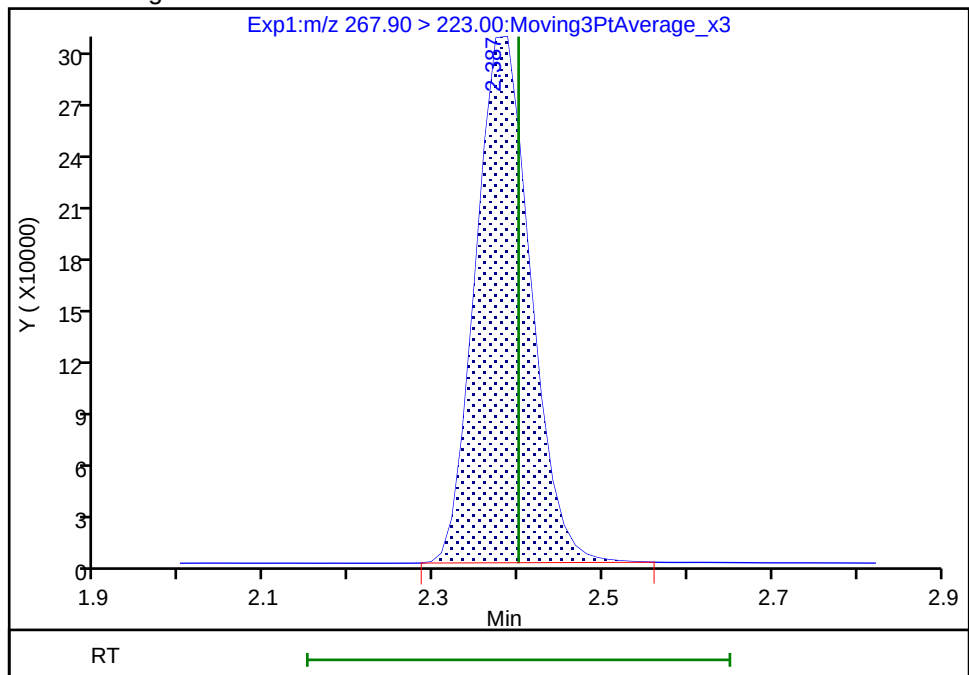
RT: 2.39
Area: 1376153
Amount: 1.134182
Amount Units: ng/ml

Processing Integration Results



RT: 2.39
Area: 1374150
Amount: 1.135604
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:14:15
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

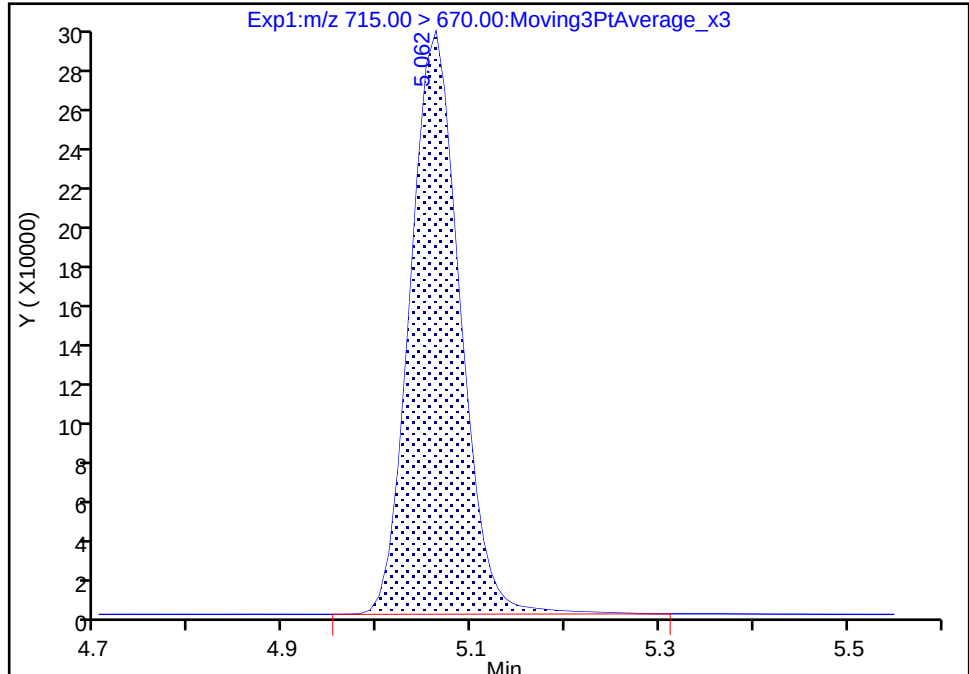
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d		
Injection Date:	04-Aug-2022 23:42:33	Instrument ID:	LC812
Lims ID:	460-262853-A-4-A	Lab Sample ID:	200-262853-4
Client ID:	BCS-21-08 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	24
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	24

D 43 13C2 PFTeDA, CAS: STL02116

Signal: 1

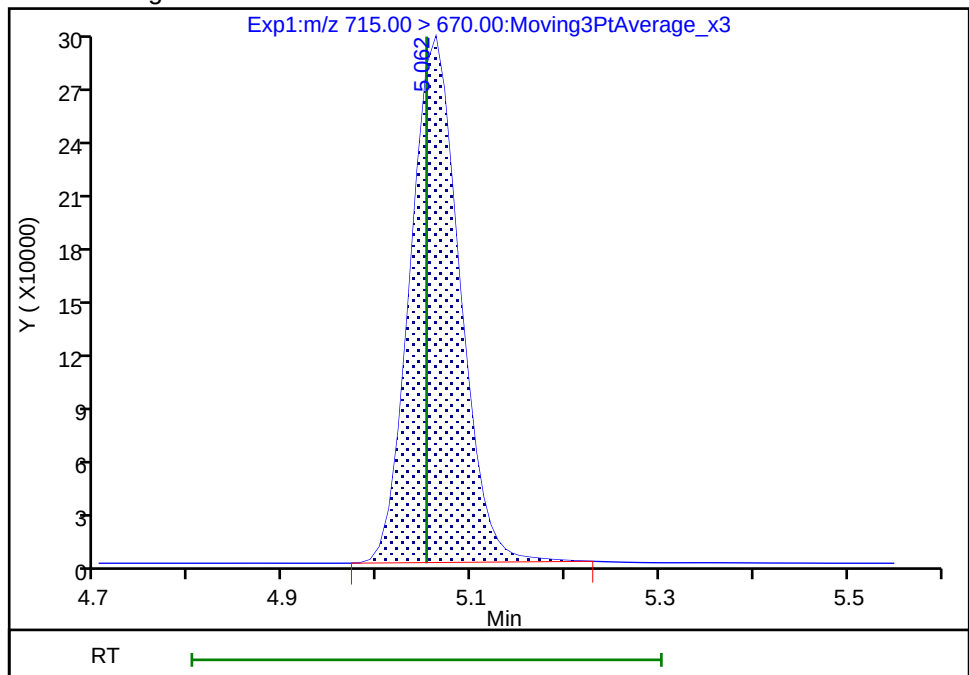
RT: 5.06
Area: 1081053
Amount: 1.298238
Amount Units: ng/ml

Processing Integration Results



RT: 5.06
Area: 1072626
Amount: 1.288118
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:18:04
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

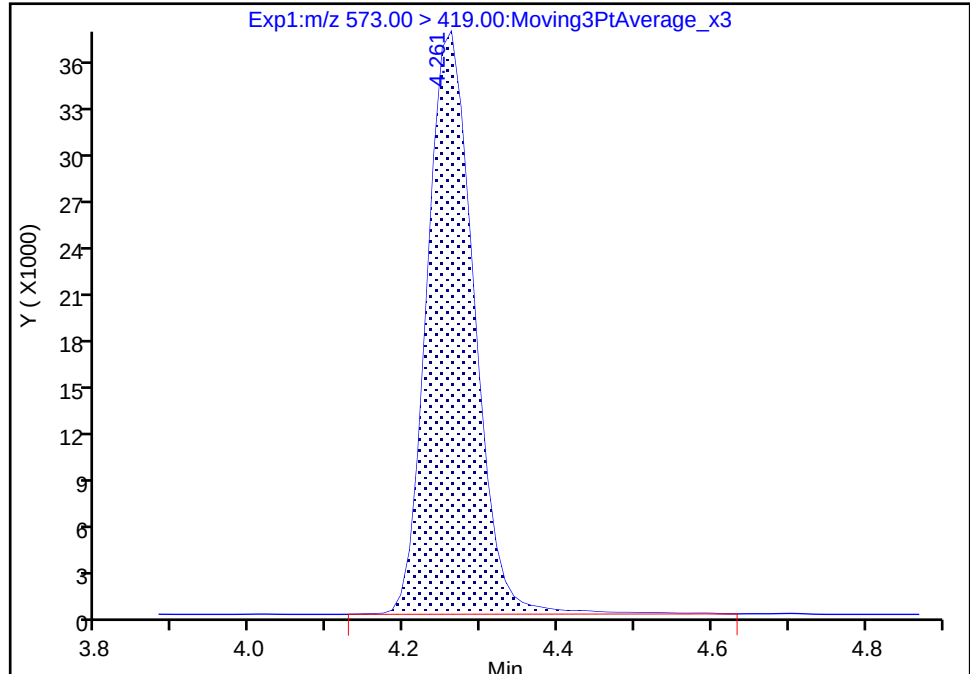
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d		
Injection Date:	04-Aug-2022 23:42:33	Instrument ID:	LC812
Lims ID:	460-262853-A-4-A	Lab Sample ID:	200-262853-4
Client ID:	BCS-21-08 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	24
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	24

D 27 d3-NMeFOSAA, CAS: STL02118

Signal: 1

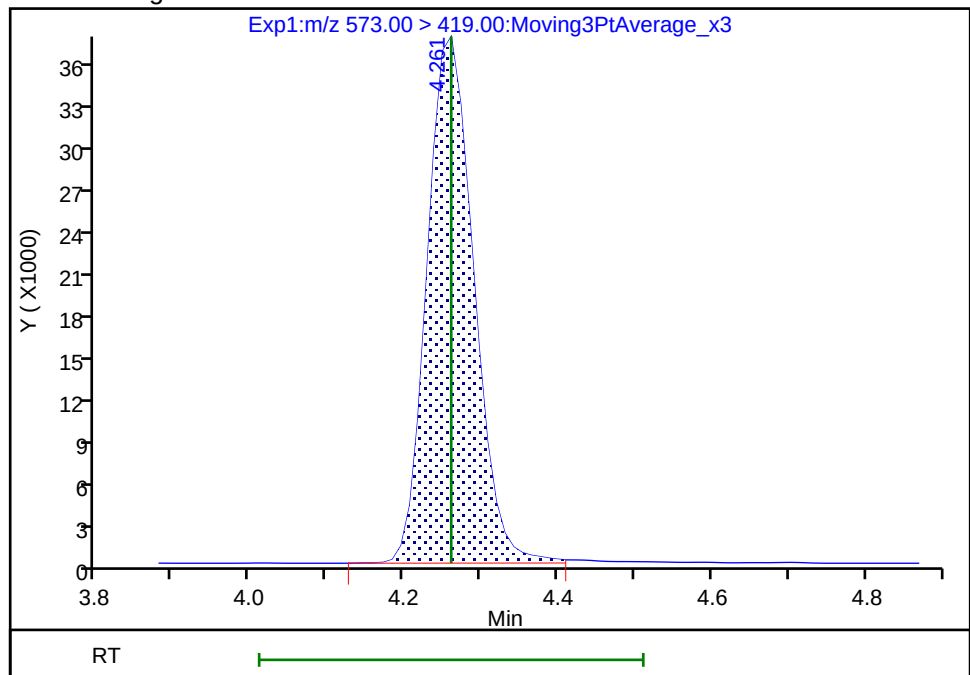
RT: 4.26
Area: 158494
Amount: 0.908979
Amount Units: ng/ml

Processing Integration Results



RT: 4.26
Area: 157357
Amount: 0.904907
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:17:00
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

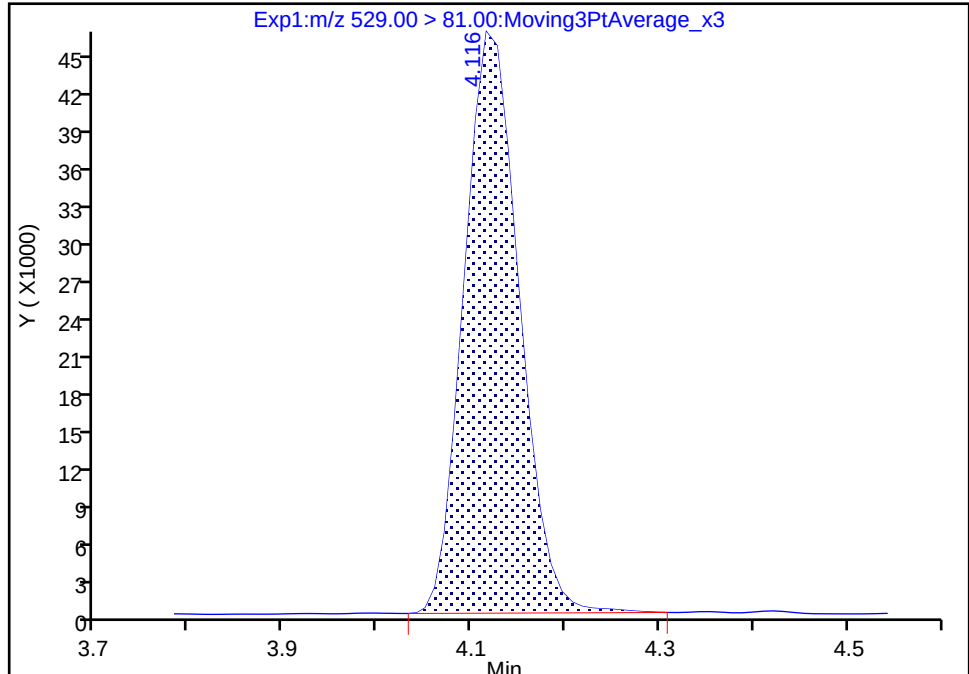
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d		
Injection Date:	04-Aug-2022 23:42:33	Instrument ID:	LC812
Lims ID:	460-262853-A-4-A	Lab Sample ID:	200-262853-4
Client ID:	BCS-21-08 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	24
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	24

D 26 M2-8:2 FTS, CAS: STL02280

Signal: 1

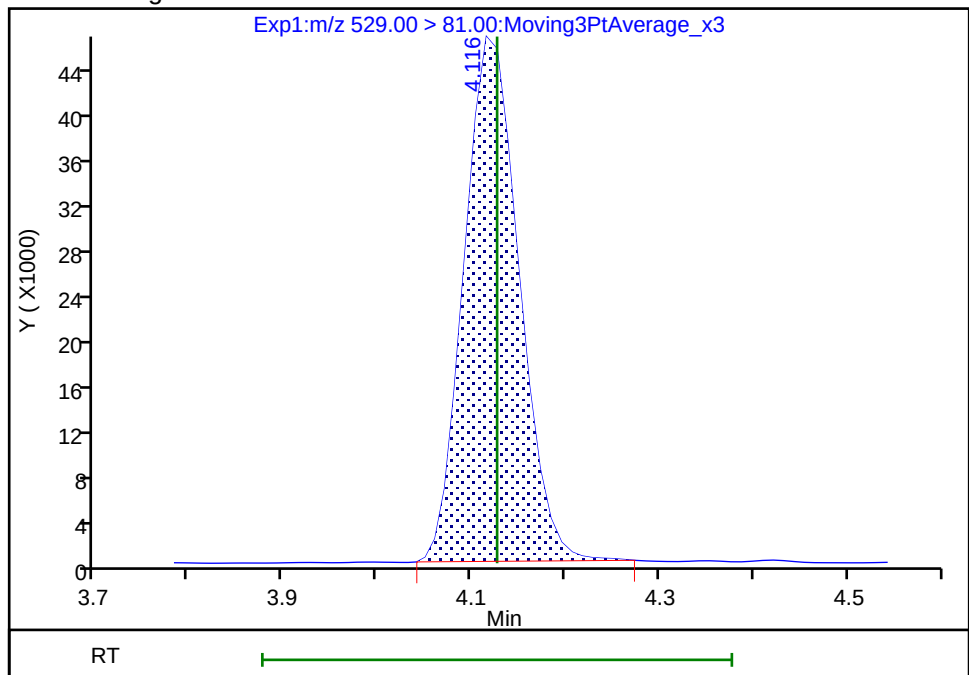
RT: 4.12
Area: 190742
Amount: 0.961817
Amount Units: ng/ml

Processing Integration Results



RT: 4.12
Area: 189503
Amount: 0.955570
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:17:03
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

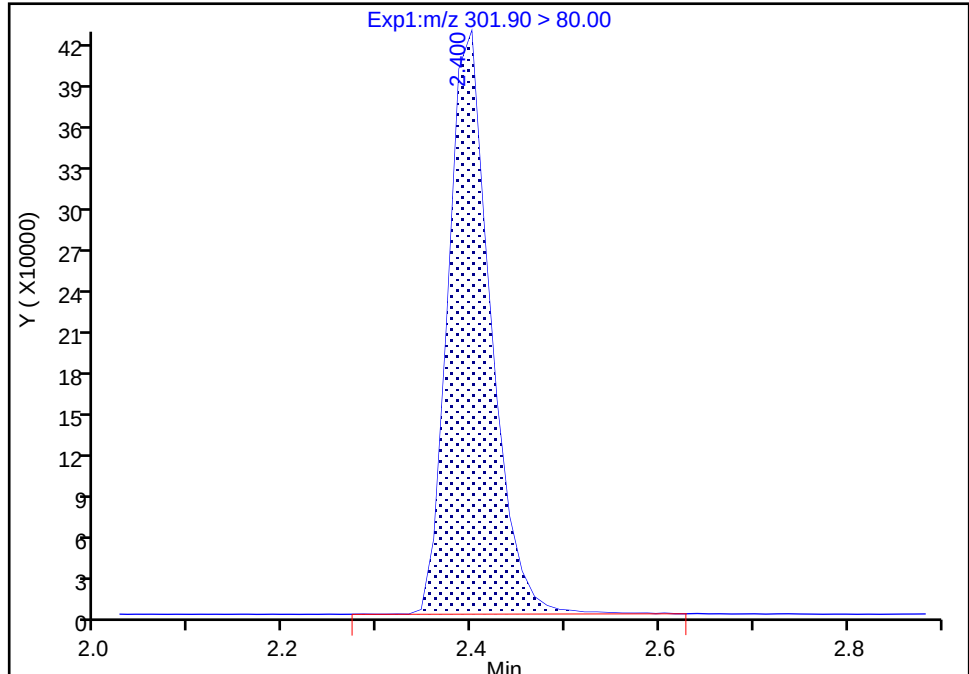
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d		
Injection Date:	04-Aug-2022 23:42:33	Instrument ID:	LC812
Lims ID:	460-262853-A-4-A	Lab Sample ID:	200-262853-4
Client ID:	BCS-21-08 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	24
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	24

D 47 13C3 PFBS, CAS: STL02337

Signal: 1

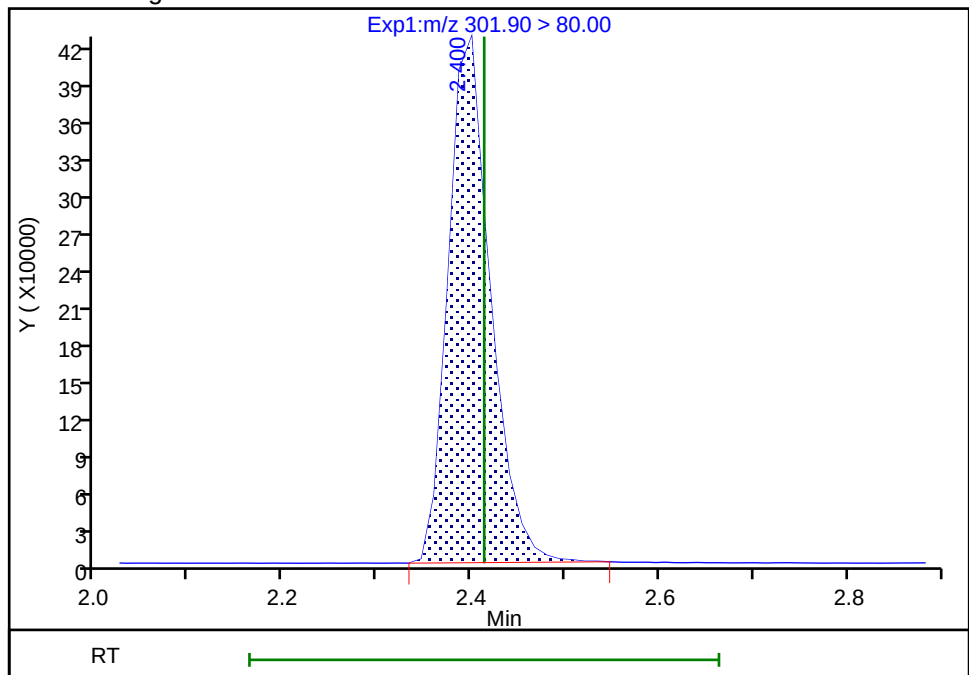
RT: 2.40
Area: 1319949
Amount: 0.940155
Amount Units: ng/ml

Processing Integration Results



RT: 2.40
Area: 1312385
Amount: 0.937304
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:14:23
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

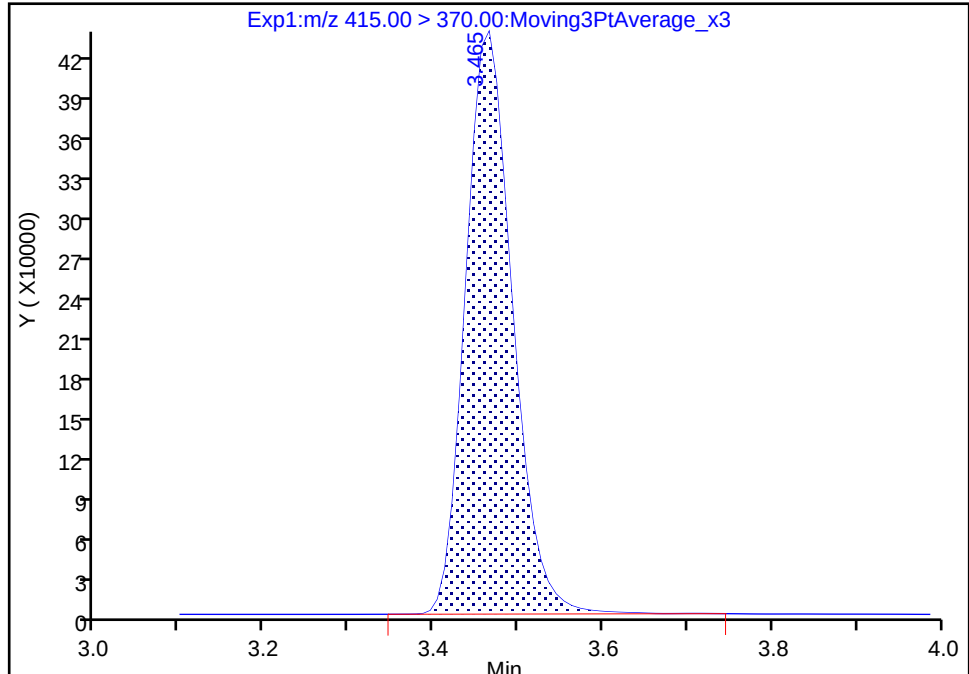
Data File:	\\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D24.d		
Injection Date:	04-Aug-2022 23:42:33	Instrument ID:	LC812
Lims ID:	460-262853-A-4-A	Lab Sample ID:	200-262853-4
Client ID:	BCS-21-08 P (4-4.5)		
Operator ID:	lc812tech	ALS Bottle#:	24
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	24

* 62 13C2 PFOA, CAS: STL00623

Signal: 1

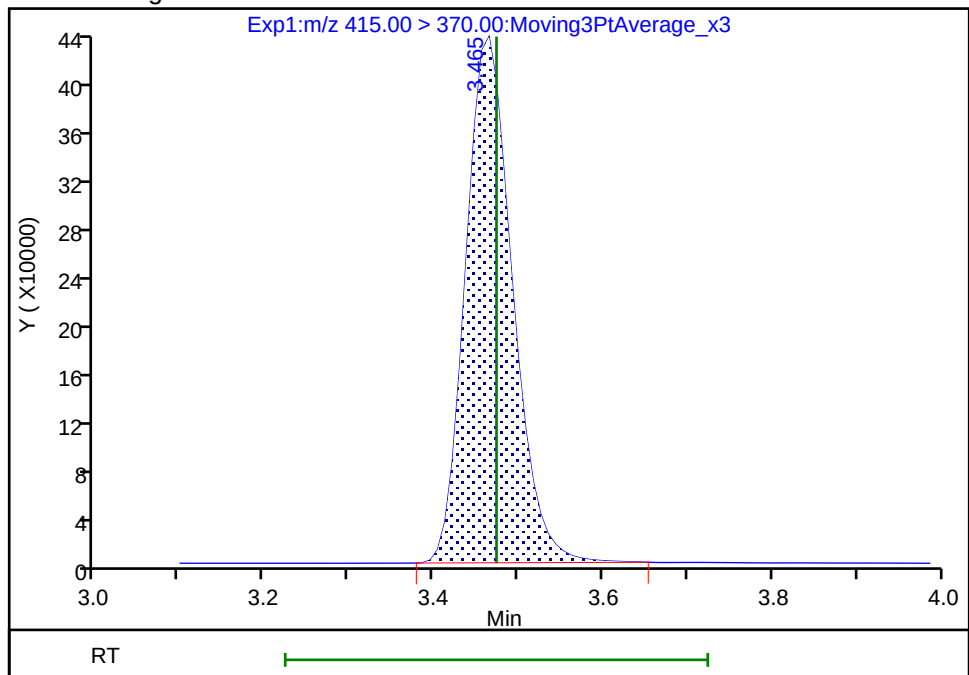
RT: 3.47
Area: 1689638
Amount: 1.250000
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 1685066
Amount: 1.250000
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 12:16:10
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM VI
PFAS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 460-262853-1 Analy Batch No.: 182319

SDG No.: _____

Instrument ID: LC812 GC Column: C-18 ID: 4.6 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2022 13:00 Calibration End Date: 08/03/2022 13:41 Calibration ID: 48756

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-182319/5	PA220803ICAL05.d
Level 2	IC 200-182319/6	PA220803ICAL06.d
Level 3	IC 200-182319/7	PA220803ICAL07.d
Level 4	ICIS 200-182319/8	PA220803ICAL08.d
Level 5	IC 200-182319/9	PA220803ICAL09.d
Level 6	IC 200-182319/10	PA220803ICAL10.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Perfluorobutanoic acid (PFBA)	1.0995 0.9124	1.0229	0.9925	0.9329	0.8579	AveI D		0.969 7				8.9		20.0			
Perfluoropentanoic acid (PFPeA)	1.1245 0.9923	1.0788	1.0391	1.0049	0.9460	AveI D		1.030 9				6.2		20.0			
Perfluorobutanesulfonic acid (PFBS)	1.1974 1.0793	1.1629	1.0977	1.0712	1.0146	AveI D		1.103 8				6.0		20.0			
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	2.3896 2.2965	2.4823	2.4462	2.3787	2.2678	AveI D		2.376 8				3.5		20.0			
Perfluorohexanoic acid (PFHxA)	1.0941 1.0084	1.1299	1.0493	1.0140	0.9650	AveI D		1.043 5				5.8		20.0			
Perfluoropentanesulfonic acid (PFPeS)	1.3805 1.2609	1.3339	1.3636	1.2478	1.1929	AveI D		1.296 6				5.7		20.0			
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	1.2670 1.0094	1.0932	1.0693	1.0304	0.9779	AveI D		1.074 5				9.6		20.0			
Perfluorohexanesulfonic acid (PFHxS)	1.2649 1.0524	1.1483	1.1384	1.0214	0.9922	AveI D		1.102 9				9.2		20.0			
Perfluoroheptanoic acid (PFHpA)	1.1294 0.9991	1.0941	0.9881	1.0175	0.9554	AveI D		1.030 6				6.5		20.0			
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	4.5089 3.7762	4.3473	4.2326	4.1147	3.7329	AveI D		4.118 8				7.6		20.0			
6:2 FTS	1.8181 1.4633	1.7516	1.6769	1.4735	1.4254	LIID	0.024 5	1.457 2							0.9990		0.9900
Perfluoroheptanesulfonic acid (PFHpS)	1.3934 1.1928	1.2528	1.2495	1.1897	1.1378	AveI D		1.236 0				7.1		20.0			
Perfluorooctanoic acid (PFOA)	1.3111 1.0396	1.1421	1.1267	1.0905	1.0185	AveI D		1.121 4				9.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PFAS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 460-262853-1 Analy Batch No.: 182319

SDG No.: _____

Instrument ID: LC812 GC Column: C-18 ID: 4.6(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2022 13:00 Calibration End Date: 08/03/2022 13:41 Calibration ID: 48756

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Perfluorooctanesulfonic acid (PFOS)	1.4064 1.0028	1.1882	1.0439	1.0142	0.9776	LlID	0.018 4	0.994 9							1.0000		0.9900
Perfluorononanoic acid (PFNA)	1.1446 0.9585	1.0301	1.0236	1.0105	0.9378	AveI D		1.017 5				7.1		20.0			
9-Chlorohexadecafluoro-3-oxanonane -1-sulfonic acid (9Cl-PF3O)	1.8703 1.6900	1.8234	1.8471	1.7469	1.6214	AveI D		1.766 5				5.5		20.0			
Perfluorononanesulfonic acid (PFNS)	0.8342 0.7468	0.8288	0.7936	0.7652	0.7292	AveI D		0.783 0				5.5		20.0			
Perfluorodecanoic acid (PFDA)	1.1271 0.9728	1.0294	1.1177	1.0557	1.0075	AveI D		1.051 7				5.8		20.0			
8:2 FTS	0.9973 0.9164	0.9688	0.9837	1.0095	0.9182	AveI D		0.965 7				4.1		20.0			
Perfluorooctanesulfonamide (FOSA)	1.0025 0.9860	1.1132	1.0461	0.9874	0.9789	AveI D		1.019 0				5.1		20.0			
N-methylperfluorooctanesulfonamido acetic acid (NMeFOSAA)	0.8770 0.8764	0.8551	1.0037	0.8643	0.8521	AveI D		0.888 1				6.5		20.0			
Perfluorodecanesulfonic acid (PFDS)	0.5628 0.5667	0.5952	0.6171	0.5924	0.5617	AveI D		0.582 7				3.9		20.0			
Perfluoroundecanoic acid (PFUnA)	1.1655 1.0073	1.0594	1.0686	1.0614	0.9944	AveI D		1.059 4				5.7		20.0			
N-ethylperfluorooctanesulfonamidoa cetic acid (NEtFOSAA)	0.9361 0.8961	0.9741	0.9251	0.8726	0.8435	AveI D		0.907 9				5.2		20.0			
11-Chloroeicosafuoro-3-oxaundecan e-1-sulfonic acid (11Cl-PF	2.4120 2.1558	2.3463	2.4238	2.3173	2.1400	AveI D		2.299 2				5.4		20.0			
Perfluorododecanoic acid (PFDoA)	1.0861 0.9547	1.0227	1.0678	1.0097	0.9438	AveI D		1.014 1				5.7		20.0			
1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS)	0.4497 0.4177	0.4838	0.4683	0.4566	0.4306	AveI D		0.451 1				5.4		20.0			
Perfluorododecanesulfonic acid (PFDoS)	0.2786 0.2451	0.2623	0.2876	0.2411	0.2374	AveI D		0.258 7				8.1		20.0			
Perfluorotridecanoic acid (PFTriA)	0.9601 0.7841	0.8815	0.9272	0.9010	0.8207	AveI D		0.879 1				7.5		20.0			
Perfluorotetradecanoic acid (PFTeA)	0.1735 0.1532	0.1627	0.1625	0.1575	0.1518	AveI D		0.160 2				4.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PFAS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 460-262853-1 Analy Batch No.: 182319

SDG No.: _____

Instrument ID: LC812 GC Column: C-18 ID: 4.6 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2022 13:00 Calibration End Date: 08/03/2022 13:41 Calibration ID: 48756

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Perfluoro-n-hexadecanoic acid (PFHxDA)	1.1646 0.8939	1.0870	1.0285	0.9260	0.8859	LlID	0.018 6	0.894 0							0.9990		0.9900
Perfluoro-n-octadecanoic acid (PFODA)	0.6775 0.6084	0.7070	0.7291	0.6460	0.6214	AveI D		0.664 9				7.2		20.0			
13C4 PFBA	1.1726 1.1824	1.1973	1.1438	1.1522	1.1540	Ave		1.167 0				1.8		50.0			
13C5 PFPeA	0.9489 0.8882	0.9301	0.9081	0.8384	0.8722	Ave		0.897 6				4.5		50.0			
13C3 PFBS	1.0631 1.0216	1.0581	1.0503	1.0003	1.0386	Ave		1.038 7				2.3		50.0			
M2-4:2 FTS	0.0896 0.0902	0.0917	0.0891	0.0862	0.0897	Ave		0.089 4				2.0		50.0			
13C2 PFHxA	0.9203 0.8912	0.8683	0.9146	0.8950	0.8878	Ave		0.896 2				2.1		50.0			
13C3 HFPO-DA	0.1681 0.1778	0.1713	0.1629	0.1647	0.1673	Ave		0.168 7				3.2		50.0			
18O2 PFHxS	0.7337 0.7621	0.7079	0.7226	0.7344	0.7223	Ave		0.730 5				2.5		50.0			
13C4 PFHpA	0.9458 0.9170	0.9105	0.9783	0.9172	0.9086	Ave		0.929 6				2.9		50.0			
M2-6:2 FTS	0.1305 0.1221	0.1208	0.1174	0.1238	0.1190	Ave		0.122 3				3.8		50.0			
13C4 PFOA	0.9664 0.9714	0.9821	0.9385	0.9343	0.9224	Ave		0.952 5				2.5		50.0			
13C4 PFOS	0.5550 0.5622	0.5574	0.5371	0.5252	0.5359	Ave		0.545 5				2.7		50.0			
13C5 PFNA	1.0195 0.9738	1.0155	0.9522	1.0091	0.9633	Ave		0.988 9				3.0		50.0			
13C2 PFDA	0.9585 0.9683	1.0090	0.9553	0.9695	0.9139	Ave		0.962 4				3.2		50.0			
M2-8:2 FTS	0.1567 0.1515	0.1467	0.1413	0.1454	0.1411	Ave		0.147 1				4.1		50.0			
13C8 FOSA	0.8796 0.8447	0.8533	0.8560	0.8028	0.8177	Ave		0.842 3				3.3		50.0			
d3-NMeFOSAA	0.1297 0.1364	0.1272	0.1240	0.1289	0.1277	Ave		0.129 0				3.2		50.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PFAS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Burlington Job No.: 460-262853-1 Analy Batch No.: 182319

SDG No.: _____

Instrument ID: LC812 GC Column: C-18 ID: 4.6 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2022 13:00 Calibration End Date: 08/03/2022 13:41 Calibration ID: 48756

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
13C2 PFUnA	0.7330 0.7184	0.7633	0.7516	0.6866	0.7224	Ave		0.729 2				3.7		50.0			
d5-NEtFOSAA	0.1264 0.1202	0.1213	0.1238	0.1195	0.1214	Ave		0.122 1				2.1		50.0			
13C2 PFDoA	0.7516 0.7915	0.7807	0.7448	0.7225	0.7427	Ave		0.755 6				3.4		50.0			
13C2 PFTeDA	0.6281 0.6215	0.6177	0.6191	0.6112	0.6087	Ave		0.617 7				1.1		50.0			
13C2 PFHxDA	0.7349 0.7070	0.7202	0.6662	0.6959	0.6978	Ave		0.703 7				3.3		50.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
PFAS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 460-262853-1 Analy Batch No.: 182319

SDG No.: _____

Instrument ID: LC812 GC Column: C-18 ID: 4.6 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2022 13:00 Calibration End Date: 08/03/2022 13:41 Calibration ID: 48756

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-182319/5	PA220803ICAL05.d
Level 2	IC 200-182319/6	PA220803ICAL06.d
Level 3	IC 200-182319/7	PA220803ICAL07.d
Level 4	ICIS 200-182319/8	PA220803ICAL08.d
Level 5	IC 200-182319/9	PA220803ICAL09.d
Level 6	IC 200-182319/10	PA220803ICAL10.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Perfluorobutanoic acid (PFBA)		AveI D	79209 13183310	154590	711450	1485378	3187659	0.0500 10.0	0.100	0.500	1.00	2.50
Perfluoropentanoic acid (PFPeA)		AveI D	65556 10770827	126653	591383	1164099	2656548	0.0500 10.0	0.100	0.500	1.00	2.50
Perfluorobutanesulfonic acid (PFBS)		AveI D	69137 11911747	137298	638698	1308863	2999148	0.0442 8.84	0.0884	0.442	0.884	2.21
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)		AveI D	12287 2363764	26836	127514	264719	611993	0.0467 9.34	0.0934	0.467	0.934	2.34
Perfluorohexanoic acid (PFHxA)		AveI D	61860 10982567	123840	601465	1254024	2758598	0.0500 10.0	0.100	0.500	1.00	2.50
Perfluoropentanesulfonic acid (PFPeS)		AveI D	58374 11015177	111806	579172	1187688	2602336	0.0469 9.38	0.0938	0.469	0.938	2.35
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)		AveI D	13087 2193377	23635	109153	234481	526717	0.0500 10.0	0.100	0.500	1.00	2.50
Perfluorohexanesulfonic acid (PFHxS)		AveI D	51891 8919353	93371	469103	943168	2100026	0.0455 9.10	0.0910	0.455	0.910	2.28
Perfluoroheptanoic acid (PFHpA)		AveI D	65633 11197138	125739	605835	1289525	2794876	0.0500 10.0	0.100	0.500	1.00	2.50

FORM VI
PFAS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 460-262853-1 Analy Batch No.: 182319

SDG No.: _____

Instrument ID: LC812 GC Column: C-18 ID: 4.6 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2022 13:00 Calibration End Date: 08/03/2022 13:41 Calibration ID: 48756

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)		AveI D	144834 24439985	288123	1341908	2813092	6067195	0.0471 9.42	0.0942	0.471	0.942	2.36
6:2 FTS		L1ID	13823 2069626	25321	116911	238899	517908	0.0474 9.48	0.0948	0.474	0.948	2.37
Perfluoroheptanesulfonic acid (PFHpS)		AveI D	45233 7802287	83914	400346	822025	1868882	0.0476 9.52	0.0952	0.476	0.952	2.38
Perfluorooctanoic acid (PFOA)		AveI D	77847 12341745	141576	662670	1407860	3024763	0.0500 10.0	0.100	0.500	1.00	2.50
Perfluorooctanesulfonic acid (PFOS)		L1ID	44505 6393833	77581	326050	683046	1565335	0.0464 9.28	0.0928	0.464	0.928	2.32
Perfluorononanoic acid (PFNA)		AveI D	71691 11406519	132027	610819	1409012	2908604	0.0500 10.0	0.100	0.500	1.00	2.50
9-Chlorohexadecafluoro-3-oxanona ne-1-sulfonic acid (9Cl-PF3O		AveI D	59438 10822143	119561	579400	1181613	2607229	0.0466 9.32	0.0932	0.466	0.932	2.33
Perfluorononanesulfonic acid (PFNS)		AveI D	27309 4925638	55980	256419	533126	1207870	0.0480 9.60	0.0960	0.480	0.960	2.40
Perfluorodecanoic acid (PFDA)		AveI D	66374 11511562	131103	669130	1414392	2964619	0.0500 10.0	0.100	0.500	1.00	2.50
8:2 FTS		AveI D	9196 1625337	17191	83425	194268	399769	0.0479 9.58	0.0958	0.479	0.958	2.40
Perfluorooctanesulfonamide (FOSA)		AveI D	54175 10178171	119896	561197	1095271	2577197	0.0500 10.0	0.100	0.500	1.00	2.50
N-methylperfluorooctanesulfonami doacetic acid (NMeFOSAA)		AveI D	6986 1461120	13734	78017	153984	350351	0.0500 10.0	0.100	0.500	1.00	2.50

FORM VI
PFAS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 460-262853-1 Analy Batch No.: 182319

SDG No.: _____

Instrument ID: LC812 GC Column: C-18 ID: 4.6 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2022 13:00 Calibration End Date: 08/03/2022 13:41 Calibration ID: 48756

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Perfluorodecanesulfonic acid (PFDS)		AveI D	18501 3753346	40369	200232	414469	934202	0.0482 9.64	0.0964	0.482	0.964	2.41
Perfluoroundecanoic acid (PFUnA)		AveI D	52491 8843669	102072	503320	1006935	2312817	0.0500 10.0	0.100	0.500	1.00	2.50
N-ethylperfluorooctanesulfonamid oacetic acid (NEtFOSAA)		AveI D	7270 1315871	14911	71793	144142	329631	0.0500 10.0	0.100	0.500	1.00	2.50
11-Chloroeicosafuoro-3-oxaundec ane-1-sulfonic acid (11Cl-PF		AveI D	77476 13952793	155503	768442	1584274	3478140	0.0471 9.42	0.0942	0.471	0.942	2.36
Perfluorododecanoic acid (PFDoA)		AveI D	50149 9235605	100780	498404	1007986	2257049	0.0500 10.0	0.100	0.500	1.00	2.50
1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS)		AveI D	4172 745570	8639	39968	88428	188626	0.0482 9.64	0.0964	0.482	0.964	2.41
Perfluorododecanesulfonic acid (PFDoS)		AveI D	9196 1630442	17866	93712	169391	396436	0.0484 9.68	0.0968	0.484	0.968	2.42
Perfluorotridecanoic acid (PFTriA)		AveI D	44332 7584486	86868	432811	899529	1962703	0.0500 10.0	0.100	0.500	1.00	2.50
Perfluorotetradecanoic acid (PFTeA)		AveI D	6696 1163895	12683	63032	133055	297564	0.0500 10.0	0.100	0.500	1.00	2.50
Perfluoro-n-hexadecanoic acid (PFHxDA)		L1ID	52583 7724125	98813	429383	890409	1990402	0.0500 10.0	0.100	0.500	1.00	2.50
Perfluoro-n-octadecanoic acid (PFODA)		AveI D	30589 5256805	64267	304377	621162	1396187	0.0500 10.0	0.100	0.500	1.00	2.50
13C4 PFBA	13PF OA	Ave	1801086 1806199	1889069	1792010	1990166	1857803	1.25 1.25	1.25	1.25	1.25	1.25

FORM VI
PFAS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 460-262853-1 Analy Batch No.: 182319

SDG No.: _____

Instrument ID: LC812 GC Column: C-18 ID: 4.6 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2022 13:00 Calibration End Date: 08/03/2022 13:41 Calibration ID: 48756

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
13C5 PFPeA	13PF OA	Ave	1457461 1356802	1467520	1422776	1448057	1404065	1.25 1.25	1.25	1.25	1.25	1.25
13C3 PFBS	13PF OA	Ave	1518638 1451388	1552604	1530333	1606766	1554917	1.16 1.16	1.16	1.16	1.16	1.16
M2-4:2 FTS	13PF OA	Ave	128546 128662	135136	130321	139111	134930	1.17 1.17	1.17	1.17	1.17	1.17
13C2 PFHxA	13PF OA	Ave	1413508 1361444	1370007	1432991	1545822	1429283	1.25 1.25	1.25	1.25	1.25	1.25
13C3 HFPO-DA	13PF OA	Ave	258219 271626	270250	255203	284467	269301	1.25 1.25	1.25	1.25	1.25	1.25
18O2 PFHxS	13PF OA	Ave	1066162 1101269	1056649	1070938	1199930	1100091	1.18 1.18	1.18	1.18	1.18	1.18
13C4 PFHpA	13PF OA	Ave	1452765 1400879	1436597	1532788	1584230	1462731	1.25 1.25	1.25	1.25	1.25	1.25
M2-6:2 FTS	13PF OA	Ave	190476 177168	181082	174667	203094	182060	1.19 1.19	1.19	1.19	1.19	1.19
13C4 PFOA	13PF OA	Ave	1484438 1483901	1549546	1470428	1613787	1484954	1.25 1.25	1.25	1.25	1.25	1.25
13C4 PFOS	13PF OA	Ave	814976 821046	840757	804391	867294	824732	1.20 1.20	1.20	1.20	1.20	1.20
13C5 PFNA	13PF OA	Ave	1565872 1487561	1602191	1491888	1743026	1550788	1.25 1.25	1.25	1.25	1.25	1.25
13C2 PFDA	13PF OA	Ave	1472294 1479189	1591995	1496707	1674653	1471206	1.25 1.25	1.25	1.25	1.25	1.25

FORM VI
PFAS BY ISOTOPIC DILUTION - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Burlington Job No.: 460-262853-1 Analy Batch No.: 182319

SDG No.: _____

Instrument ID: LC812 GC Column: C-18 ID: 4.6 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/03/2022 13:00 Calibration End Date: 08/03/2022 13:41 Calibration ID: 48756

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/ML)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
M2-8:2 FTS	13PF OA	Ave	230513 221709	221797	212018	240555	217682	1.20 1.20	1.20	1.20	1.20	1.20
13C8 FOSA	13PF OA	Ave	1351035 1290314	1346274	1341161	1386621	1316398	1.25 1.25	1.25	1.25	1.25	1.25
d3-NMeFOSAA	13PF OA	Ave	199141 208390	200758	194324	222702	205583	1.25 1.25	1.25	1.25	1.25	1.25
13C2 PFUnA	13PF OA	Ave	1125897 1097436	1204305	1177558	1185895	1162923	1.25 1.25	1.25	1.25	1.25	1.25
d5-NEtFOSAA	13PF OA	Ave	194163 183559	191350	194014	206475	195385	1.25 1.25	1.25	1.25	1.25	1.25
13C2 PFDoA	13PF OA	Ave	1154380 1209177	1231772	1166932	1247905	1195679	1.25 1.25	1.25	1.25	1.25	1.25
13C2 PFTeDA	13PF OA	Ave	964763 949490	974562	969884	1055713	979883	1.25 1.25	1.25	1.25	1.25	1.25
13C2 PFHxDA	13PF OA	Ave	1128787 1080090	1136259	1043688	1201939	1123333	1.25 1.25	1.25	1.25	1.25	1.25

Curve Type Legend

Ave = Average ISTD
AveID = Average isotope dilution
L1ID = Linear 1/conc IsoDil

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
 Lims ID: IC
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 03-Aug-2022 13:00:16 ALS Bottle#: 2 Worklist Smp#: 5
 Injection Vol: 20.0 ul Dil. Factor: 1.0000
 Sample Info: IC
 Misc. Info.: 200-0051940-005 Plate: 1 Rack: 1
 Operator ID: lc812tech Instrument ID: LC812
 Sublist: chrom-PFC_LC812*sub3
 Method: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PFC_LC812.m
 Limit Group: LC_PFC_ICAL
 Last Update: 03-Aug-2022 14:24:59 Calib Date: 03-Aug-2022 13:41:11
 Integrator: Picker
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
 Column 1 : C-18 (4.60 mm) Det: EXP1
 Process Host: CTX1672

First Level Reviewer: Z1IP

Date: 03-Aug-2022 13:19:34

Ratio Calibration: Average of Initial Calibration

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										M
217.00 > 172.00	2.078	2.085	-0.007	0.597	1801086	1.26		100	7731	M
2 Perfluorobutanoic acid										M
212.90 > 169.00	2.086	2.085	0.001	1.004	79209	0.0567		113	10.2	M
D 3 13C5 PFPeA										
267.90 > 223.00	2.391	2.400	-0.009	0.687	1457461	1.32		106	3267	
4 Perfluoropentanoic acid										M
262.90 > 219.00	2.405	2.400	0.005	1.006	65556	0.0545		109	2.6	M
D 47 13C3 PFBS										
301.90 > 80.00	2.418	2.413	0.005	0.695	1518638	1.19		102	230606	
5 Perfluorobutanesulfonic acid										M
298.90 > 80.00	2.418	2.413	0.005	1.000	69137	0.0479	Target=2.18	108	82.0	M
298.90 > 99.00	2.418	2.413	0.005	1.000	30532		2.26(1.09-3.28)	108	28.0	
D 60 M2-4:2 FTS										
329.00 > 81.00	2.709	2.713	-0.004	0.779	128546	1.17		100	129	
61 1H,1H,2H,2H-perfluorohexanesulfo										
327.00 > 307.00	2.721	2.713	0.008	1.004	12287	0.0470		101	186	
6 Perfluorohexanoic acid										M
313.00 > 269.00	2.757	2.750	0.007	1.004	61860	0.0524	Target=12.37	105	15.3	M
313.00 > 119.00	2.757	2.750	0.007	1.004	6757		9.15(6.19-18.56)	105	12.2	M
D 7 13C2 PFHxA										
315.00 > 270.00	2.745	2.750	-0.005	0.789	1413508	1.28		103	3566	
70 Perfluoropentanesulfonic acid										M
349.00 > 80.00	2.757	2.762	-0.005	0.885	58374	0.0499	Target=3.00	106	119	M
349.00 > 99.00	2.757	2.762	-0.005	0.885	18394		3.17(1.50-4.50)	106	47.8	M
D 64 13C3 HFPO-DA										
287.00 > 169.00	2.867	2.859	0.008	0.824	258219	1.25		99.7	1682	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
67 Perfluoro(2-propoxypropanoic) ac										M
285.00 > 169.00	2.867	2.859	0.008	1.000	13087	0.0590		118	132	M
D 9 13C4 PFHpA										
367.00 > 322.00	3.128	3.121	0.007	0.899	1452765	1.27		102	2063	
10 Perfluoroheptanoic acid										M
363.00 > 319.00	3.128	3.121	0.007	1.000	65633	0.0548	Target=3.68	110	22.4	M
363.00 > 169.00	3.117	3.121	-0.005	0.996	19194		3.42(1.84-5.52)	110	44.6	M
D 11 18O2 PFHxS										M
403.00 > 84.00	3.117	3.121	-0.005	0.896	1066162	1.19		100	1745	M
8 Perfluorohexanesulfonic acid										M
399.00 > 80.00	3.117	3.121	-0.005	1.000	51891	0.0522	Target=3.52	115	172	M
399.00 > 99.00	3.117	3.121	-0.005	1.000	15155		3.42(1.76-5.27)	115	21.9	M
77 DONA										M
377.00 > 251.00	3.161	3.165	-0.004	0.832	144834	0.0516	Target=2.78	109	296	M
377.00 > 85.00	3.161	3.165	-0.004	0.832	51045		2.84(1.39-4.17)	109	84.5	M
D 12 M2-6:2 FTS										M
429.00 > 81.00	3.471	3.474	-0.003	0.997	190476	1.27		107	388	M
13 1H,1H,2H,2H-perfluorooctanesulfo										
427.00 > 407.00	3.471	3.474	-0.003	1.000	13823	0.0423		89.3	48.7	
16 Perfluoroheptanesulfonic acid										M
449.00 > 80.00	3.471	3.474	-0.003	0.914	45233	0.0537	Target=4.99	113	228	
449.00 > 99.00	3.471	3.474	-0.003	0.914	7774		5.82(2.50-7.49)	113	46.7	M
15 Perfluorooctanoic acid										M
413.00 > 369.00	3.479	3.482	-0.003	1.000	77847	0.0585	Target=2.64	117	10.3	
413.00 > 169.00	3.479	3.482	-0.003	1.000	31052		2.51(1.32-3.96)	117	75.3	M
D 14 13C4 PFOA										M
417.00 > 372.00	3.479	3.482	-0.003	1.000	1484438	1.27		101	1596	M
* 62 13C2 PFOA										M
415.00 > 370.00	3.479	3.482	-0.003		1535975	1.25			1908	M
17 Perfluorooctanesulfonic acid										M
499.00 > 80.00	3.799	3.802	-0.003	1.000	44505	0.0471	Target=4.77	102	27.2	M
499.00 > 99.00	3.799	3.802	-0.003	1.000	8724		5.10(2.38-7.15)	102	34.5	M
D 18 13C4 PFOS										
503.00 > 80.00	3.799	3.802	-0.003	1.092	814976	1.22		102	3178	
20 Perfluorononanoic acid										M
463.00 > 419.00	3.819	3.822	-0.003	1.000	71691	0.0562	Target=7.92	112	27.7	
463.00 > 169.00	3.819	3.822	-0.003	1.000	8957		8.00(3.96-11.88)	112	106	M
D 19 13C5 PFNA										
468.00 > 423.00	3.819	3.822	-0.003	1.098	1565872	1.29		103	2443	
69 9-Chlorohexadecafluoro-3-oxanona										M
531.00 > 351.00	3.968	3.969	-0.001	1.045	59438	0.0493		106	384	M
68 Perfluorononanesulfonic acid										
549.00 > 80.00	4.104	4.093	0.011	1.080	27309	0.0511	Target=2.52	107	349	
549.00 > 99.00	4.104	4.093	0.011	1.080	10843		2.52(1.26-3.78)	107	81.2	
25 1H,1H,2H,2H-perfluorodecanesulfo										
527.00 > 507.00	4.138	4.127	0.011	1.000	9196	0.0495		103	154	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
24 Perfluorodecanoic acid										M
513.00 > 469.00	4.126	4.127	-0.001	1.000	66374	0.0536	Target=9.74	107	50.2	M
513.00 > 169.00	4.126	4.127	-0.001	1.000	5921		11.21(4.87-14.60)	107	27.6	
D 23 13C2 PFDA										M
515.00 > 470.00	4.126	4.127	-0.001	1.186	1472294	1.24		99.6	1098	M
D 26 M2-8:2 FTS										
529.00 > 81.00	4.138	4.138	0.0	1.189	230513	1.28		106	1064	
D 21 13C8 FOSA										M
506.00 > 78.00	4.172	4.173	-0.001	1.199	1351035	1.31		104	2009	M
22 Perfluorooctanesulfonamide										
498.00 > 78.00	4.184	4.173	0.011	1.003	54175	0.0492		98.4	245	
28 N-methylperfluorooctanesulfonami										M
570.00 > 419.00	4.273	4.273	0.0	1.000	6986	0.0494		98.8	26.0	M
D 27 d3-NMeFOSAA										M
573.00 > 419.00	4.273	4.273	0.0	1.228	199141	1.26		101	1135	M
29 Perfluorodecanesulfonic acid										M
599.00 > 80.00	4.375	4.365	0.010	1.152	18501	0.0466	Target=2.62	96.6	170	M
599.00 > 99.00	4.364	4.365	-0.001	1.149	7794		2.37(1.31-3.93)	96.6	95.5	M
D 30 13C2 PFUnA										M
565.00 > 520.00	4.398	4.399	-0.001	1.264	1125897	1.26		101	1115	M
31 Perfluoroundecanoic acid										M
563.00 > 519.00	4.398	4.399	-0.001	1.000	52491	0.0550	Target=8.83	110	49.5	M
563.00 > 169.00	4.398	4.399	-0.001	1.000	5695		9.22(4.41-13.24)	110	73.1	M
33 N-ethylperfluorooctanesulfonamid										M
584.00 > 419.00	4.409	4.410	-0.001	1.000	7270	0.0516		103	80.8	M
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.409	4.410	-0.001	1.267	194163	1.29		104	918	
66 11-Chloroeicosafuoro-3-oxaundec										M
631.00 > 451.00	4.503	4.491	0.012	1.185	77476	0.0494		105	387	M
D 36 13C2 PFDaA										M
615.00 > 570.00	4.632	4.633	-0.001	1.331	1154380	1.24		99.5	902	M
37 Perfluorododecanoic acid										M
613.00 > 569.00	4.632	4.633	-0.001	1.000	50149	0.0535	Target=6.63	107	9.0	M
613.00 > 169.00	4.632	4.633	-0.001	1.000	7314		6.86(3.32-9.95)	107	56.8	
74 1H,1H,2H,2H-perfluorododecanesul										
627.00 > 607.00	4.653	4.654	-0.001	1.125	4172	0.0480		99.7	163	
75 Perfluorododecanesulfonic acid (										
699.00 > 80.00	4.812	4.813	-0.001	1.267	9196	0.0521	Target=0.54	108	159	
699.00 > 99.00	4.812	4.813	-0.001	1.267	18022		0.51(0.27-0.81)	108	268	
41 Perfluorotridecanoic acid										M
663.00 > 619.00	4.858	4.859	-0.001	1.049	44332	0.0546	Target=4.62	109	8.6	M
663.00 > 169.00	4.858	4.859	-0.001	1.049	8523		5.20(2.31-6.94)	109	93.5	M
D 43 13C2 PFTeDA										M
715.00 > 670.00	5.051	5.052	-0.001	1.452	964763	1.27		102	1373	M
42 Perfluorotetradecanoic acid										M
713.00 > 169.00	5.051	5.052	-0.001	1.000	6696	0.0542	Target=0.94	108	69.6	M
713.00 > 219.00	5.051	5.052	-0.001	1.000	7362		0.91(0.47-1.41)	108	76.1	M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
45 Perfluorohexadecanoic acid										M
813.00 > 769.00	5.421	5.422	-0.001	1.000	52583	0.0444	Target=4.40	88.7	14.1	
813.00 > 169.00	5.421	5.422	-0.001	1.000	11856		4.44(2.20-6.59)	88.7	97.5	M
D 44 13C2 PFHxDA										M
815.00 > 770.00	5.421	5.422	-0.001	1.558	1128787	1.31		104	2389	M
46 Perfluorooctadecanoic acid										M
913.00 > 869.00	5.776	5.786	-0.010	1.065	30589	0.0509	Target=4.42	102	10.2	M
913.00 > 169.00	5.776	5.786	-0.010	1.065	6782		4.51(2.21-6.63)	102	57.6	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

PFAS32NCIC1_00013

Amount Added: 100.00

Units: uL

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d

Injection Date: 03-Aug-2022 13:00:16

Instrument ID: LC812

Lims ID: IC

Client ID:

Operator ID: lc812tech

ALS Bottle#: 2

Worklist Smp#: 5

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

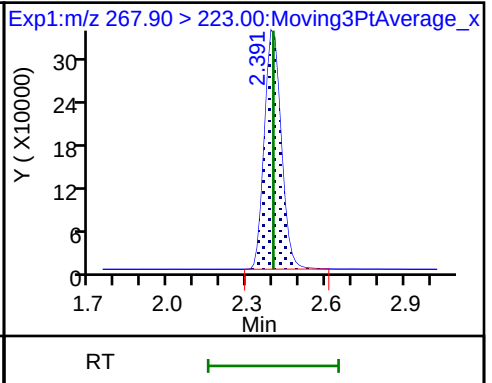
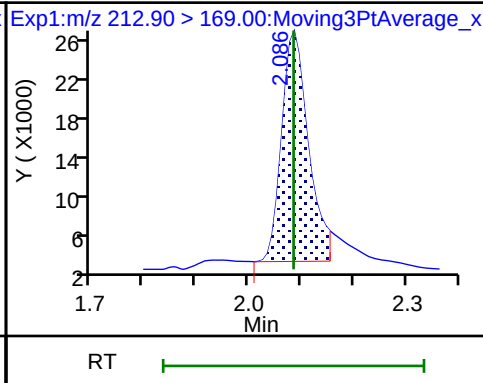
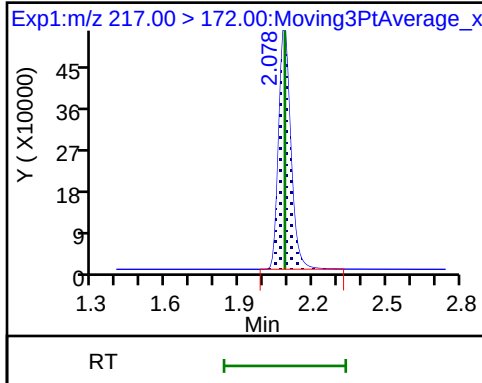
Method: PFC_LC812

Limit Group: LC_PFC_ICAL

D 1 13C4 PFBA (M)

2 Perfluorobutanoic acid (M)

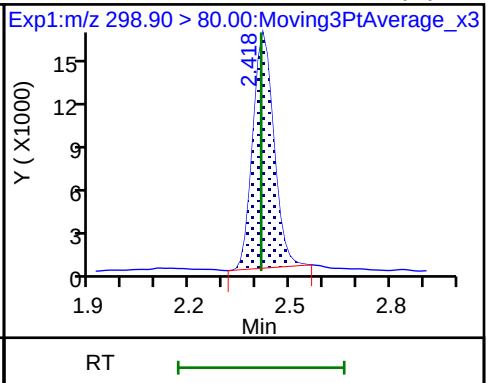
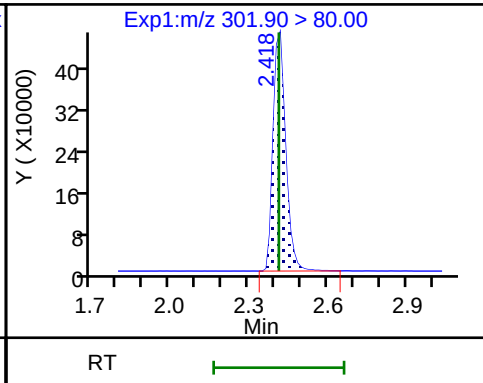
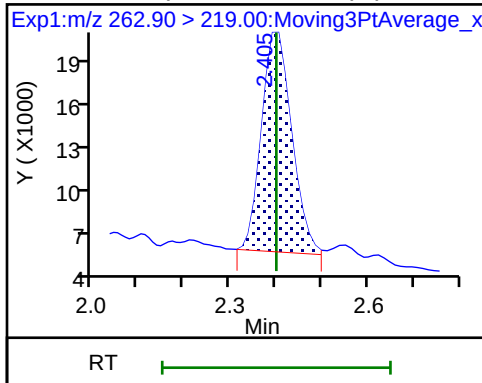
D 3 13C5 PFPeA



4 Perfluoropentanoic acid (M)

D 47 13C3 PFBS

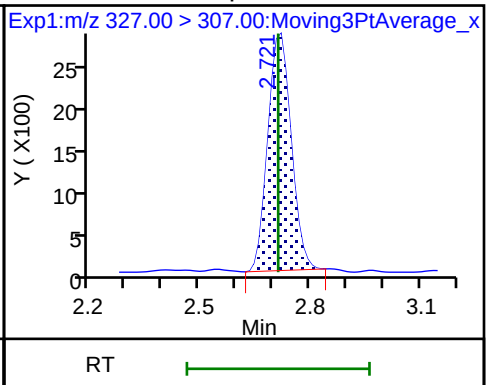
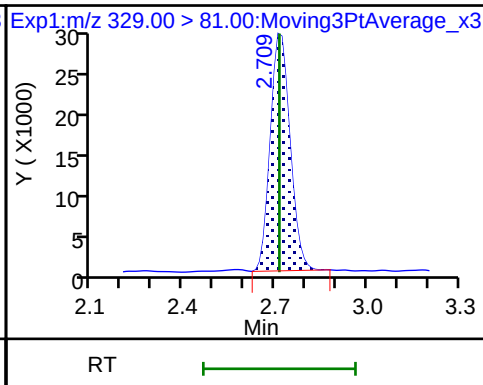
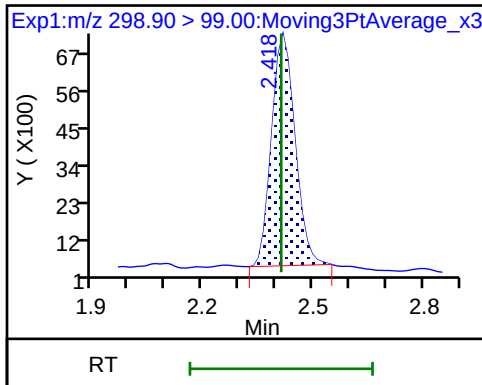
5 Perfluorobutanesulfonic acid (M)



5 Perfluorobutanesulfonic acid

D 60 M2-4:2 FTS

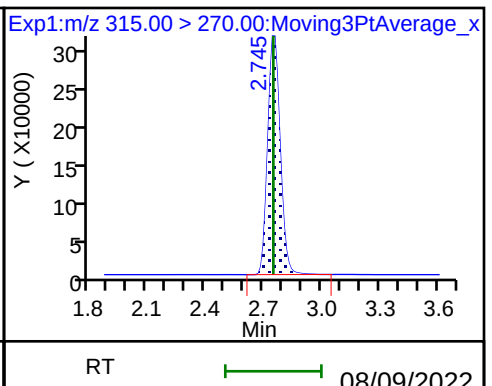
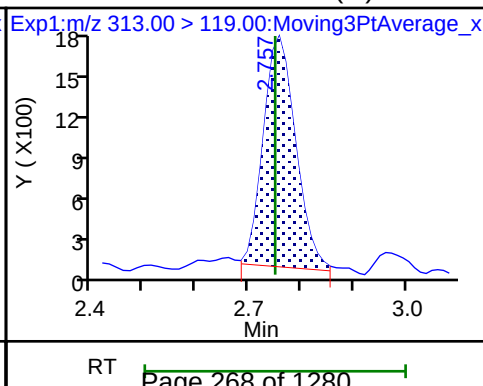
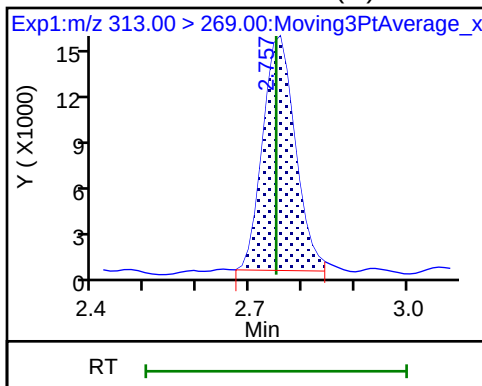
61 1H,1H,2H,2H-perfluorohexanesulfo



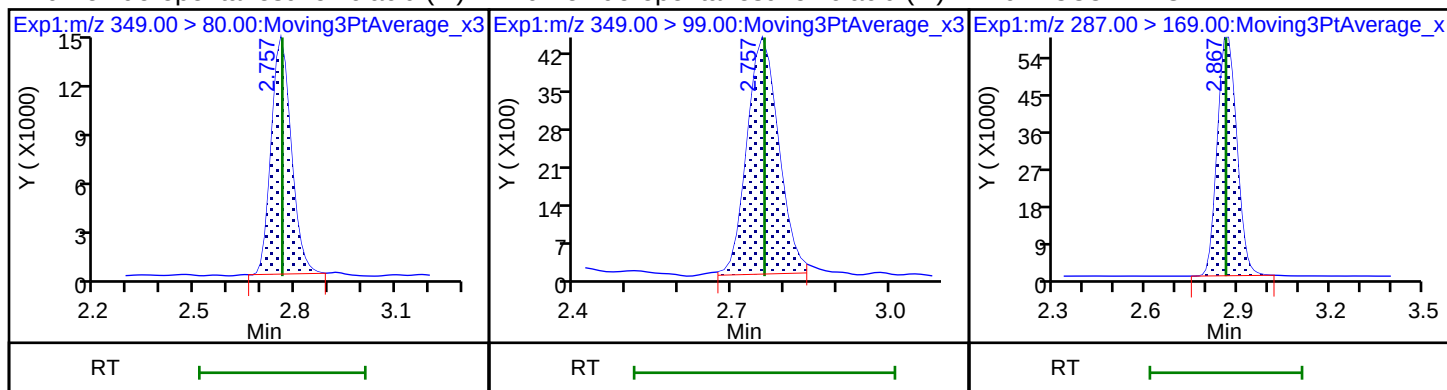
6 Perfluorohexanoic acid (M)

6 Perfluorohexanoic acid (M)

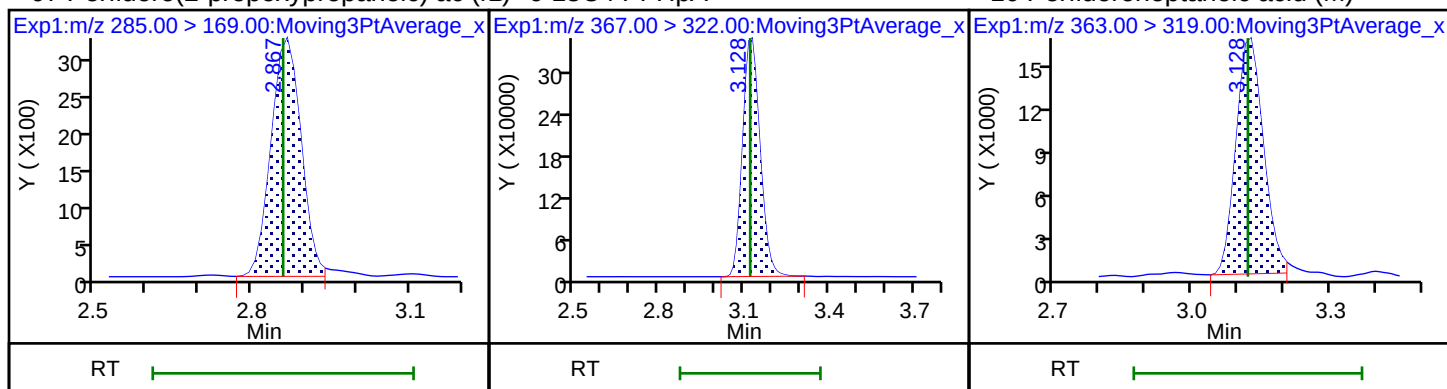
D 7 13C2 PFHxA



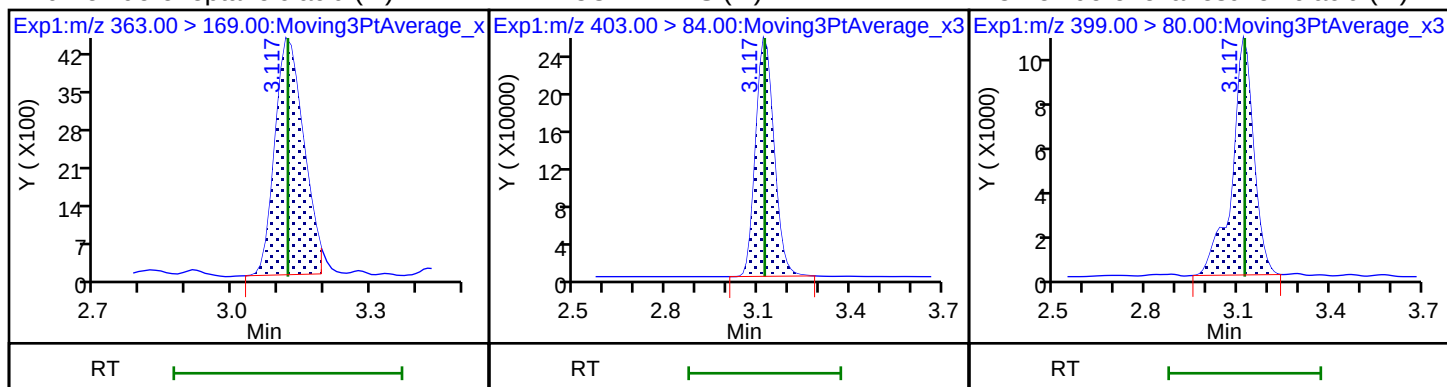
70 Perfluoropentanesulfonic acid (M) 70 Perfluoropentanesulfonic acid (M) D 64 13C3 HFPO-DA



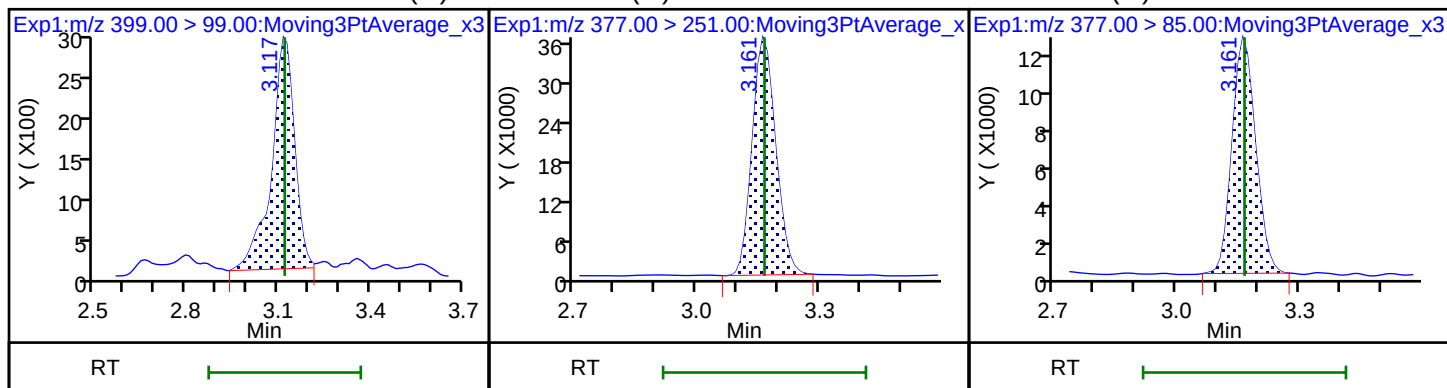
67 Perfluoro(2-propoxypropanoic) ac (M) 9 13C4 PFHpA 10 Perfluoroheptanoic acid (M)



10 Perfluoroheptanoic acid (M) D 11 18O2 PFHxS (M) 8 Perfluorohexanesulfonic acid (M)



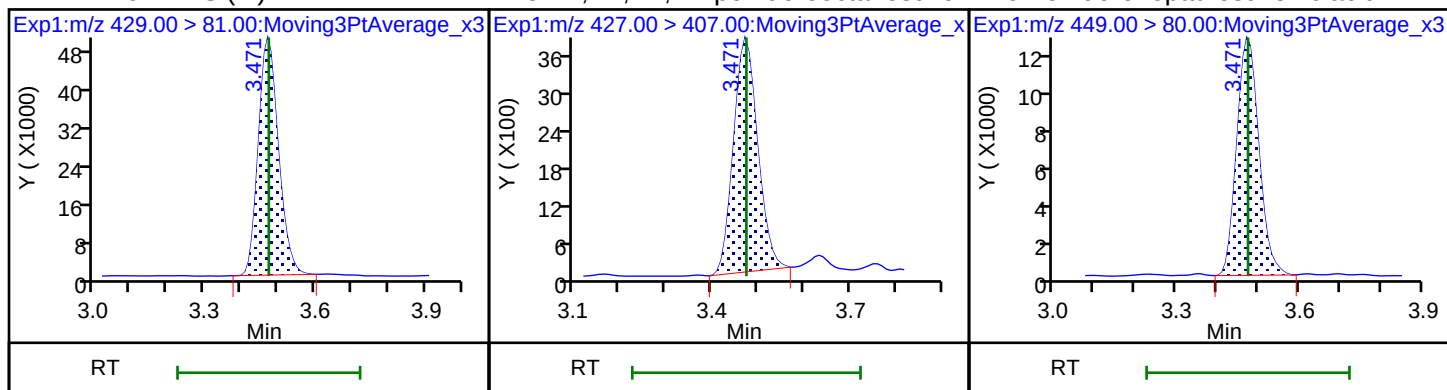
8 Perfluorohexanesulfonic acid (M) 77 DONA (M) 77 DONA (M)



D 12 M2-6:2 FTS (M)

13 1H,1H,2H,2H-perfluorooctanesulfo

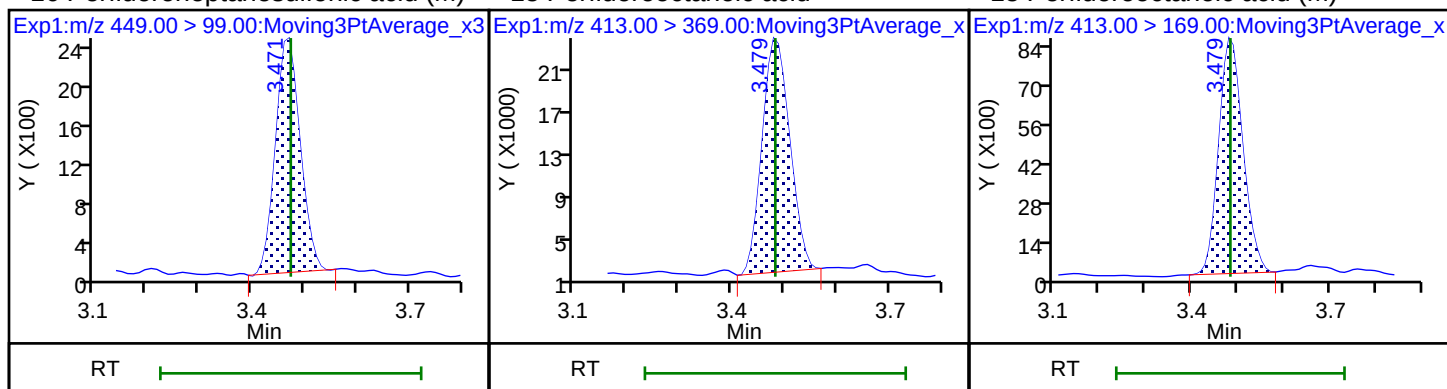
16 Perfluoroheptanesulfonic acid



16 Perfluoroheptanesulfonic acid (M)

15 Perfluorooctanoic acid

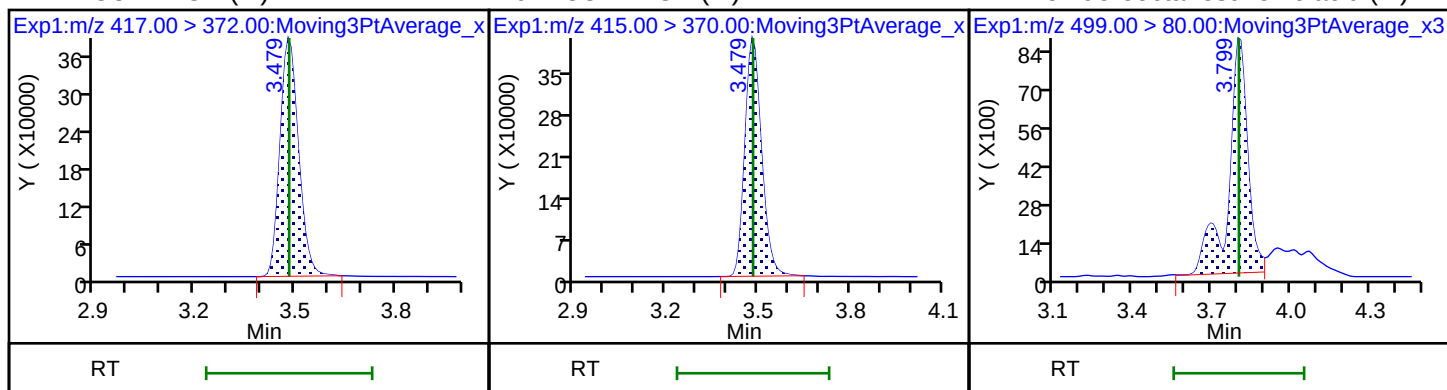
15 Perfluorooctanoic acid (M)



D 14 13C4 PFOA (M)

* 62 13C2 PFOA (M)

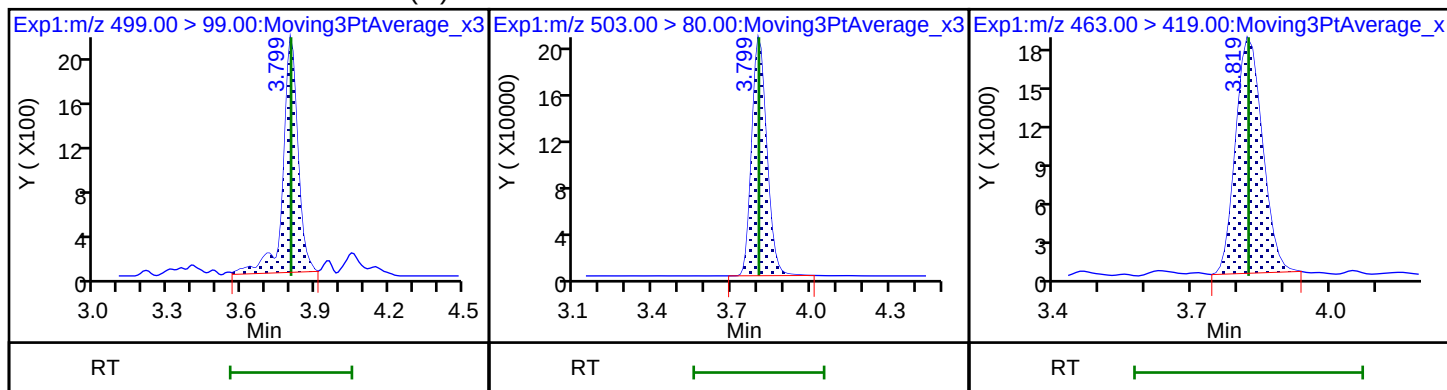
17 Perfluorooctanesulfonic acid (M)

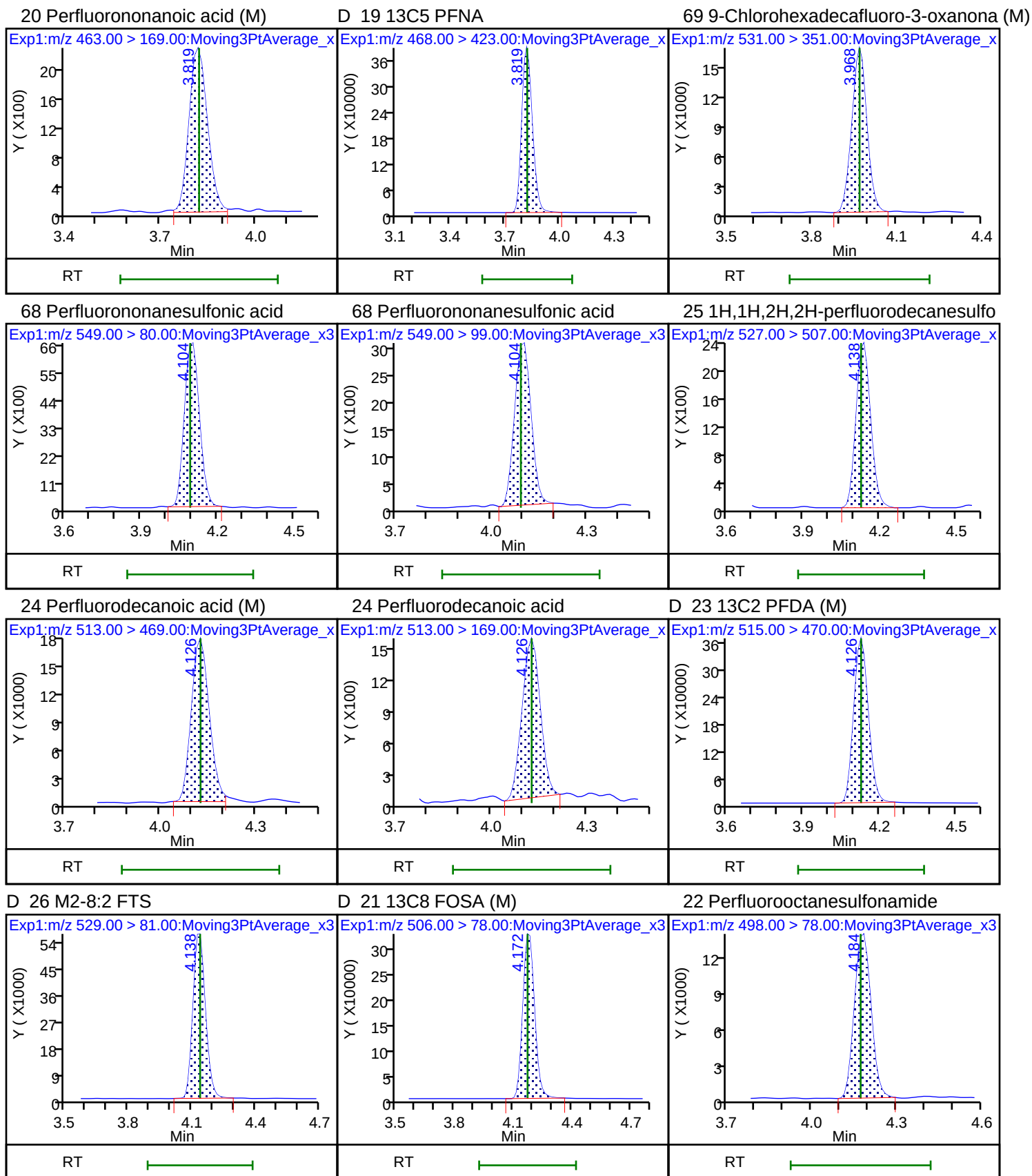


17 Perfluorooctanesulfonic acid (M)

D 18 13C4 PFOS

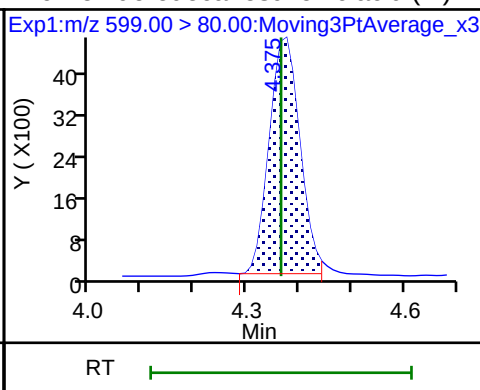
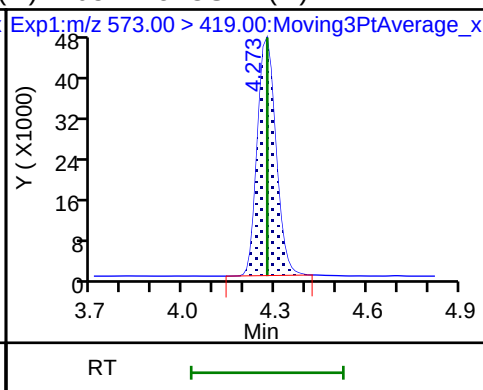
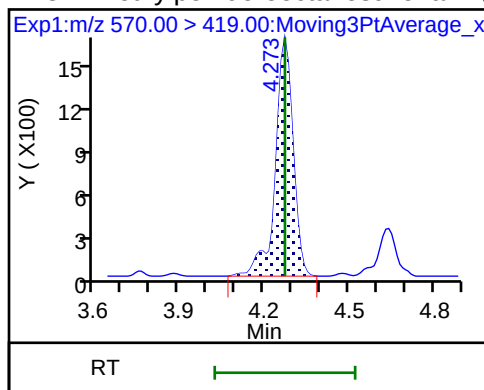
20 Perfluorononanoic acid





28 N-methylperfluorooctanesulfonami (M) 27 d3-NMeFOSAA (M)

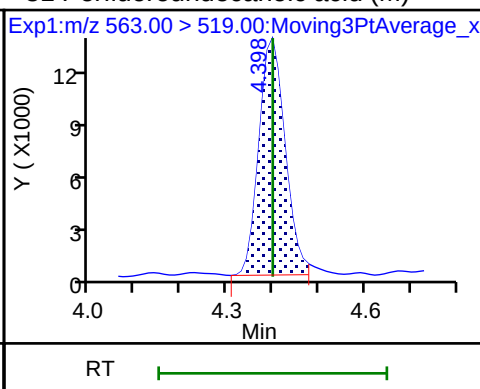
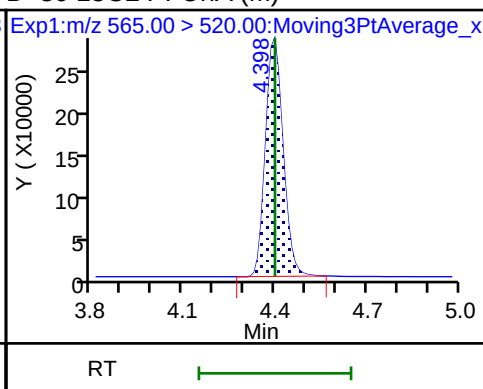
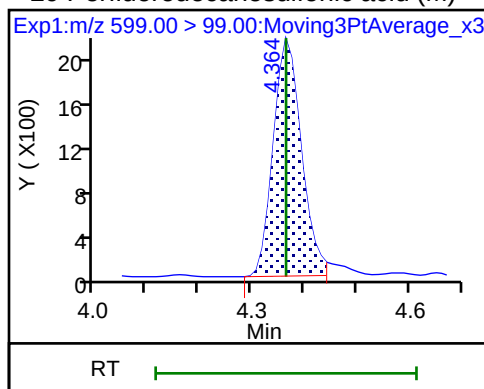
29 Perfluorodecanesulfonic acid (M)



29 Perfluorodecanesulfonic acid (M)

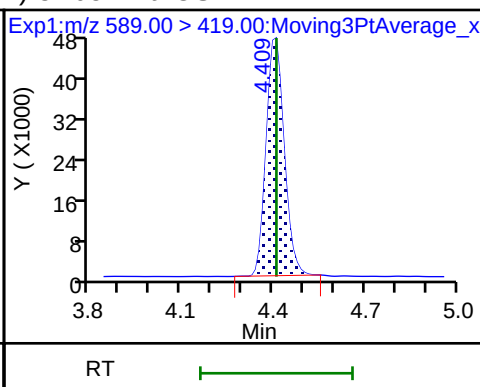
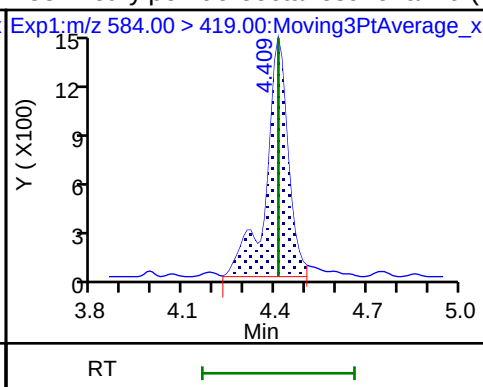
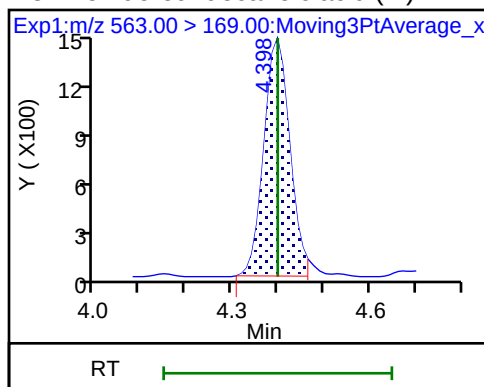
D 30 13C2 PFUnA (M)

31 Perfluoroundecanoic acid (M)



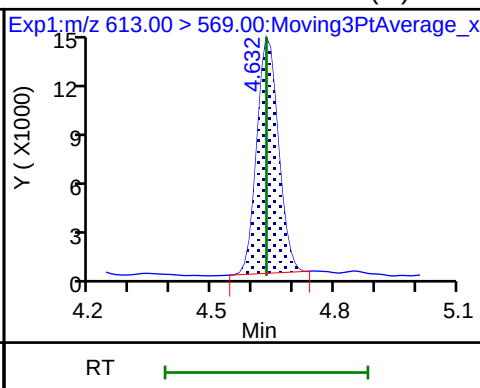
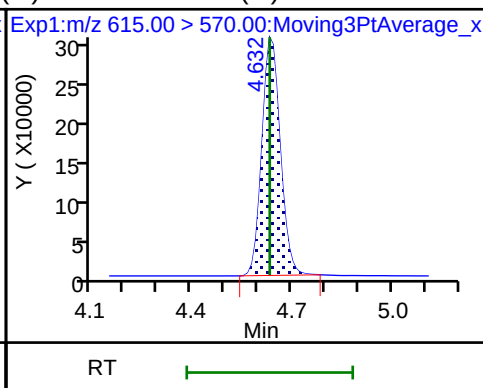
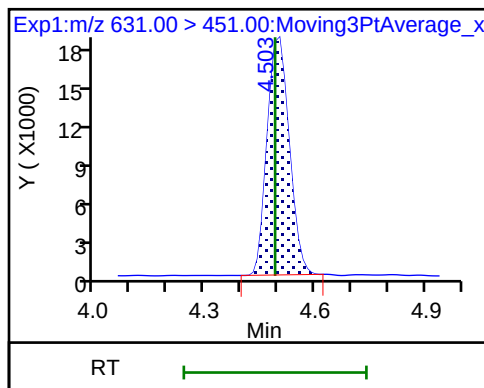
31 Perfluoroundecanoic acid (M)

33 N-ethylperfluorooctanesulfonamid (M) 32 d5-NEtFOSAA



66 11-Chloroeicosafluoro-3-oxaundec (M) 36 13C2 PFDaA (M)

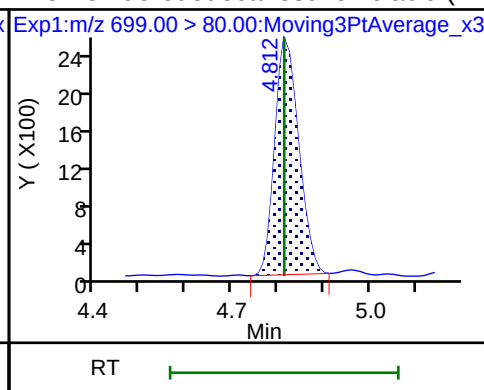
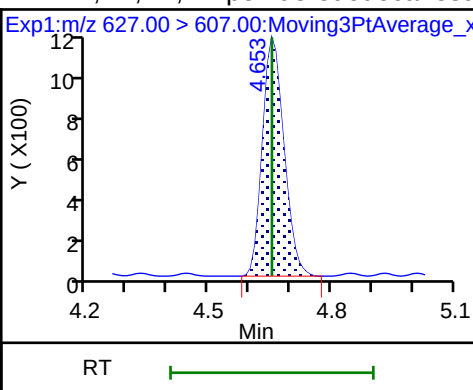
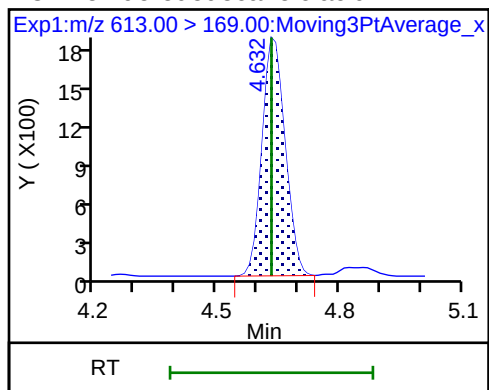
37 Perfluorododecanoic acid (M)



37 Perfluorododecanoic acid

74 1H,1H,2H,2H-perfluorododecanesul

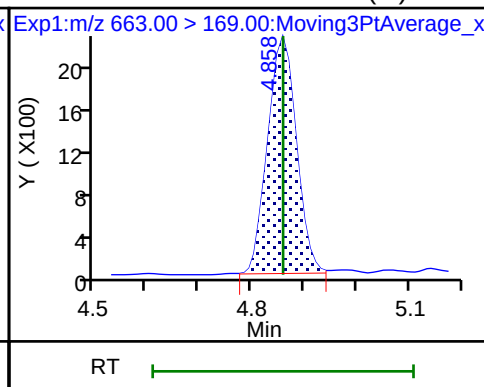
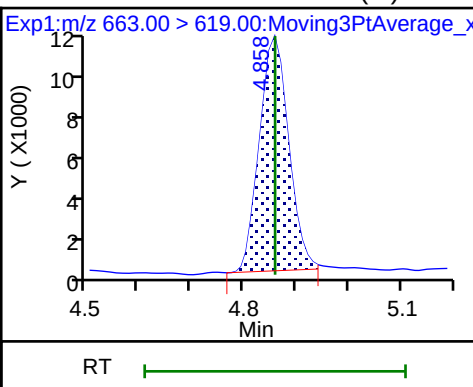
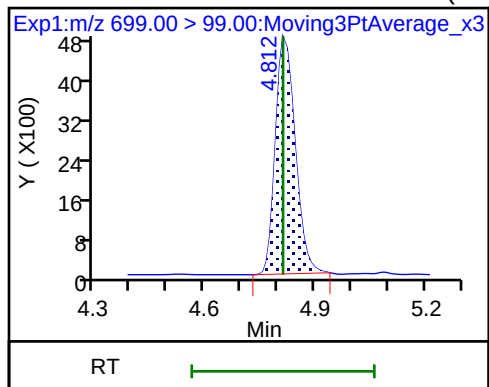
75 Perfluorododecanesulfonic acid (



75 Perfluorododecanesulfonic acid (

41 Perfluorotridecanoic acid (M)

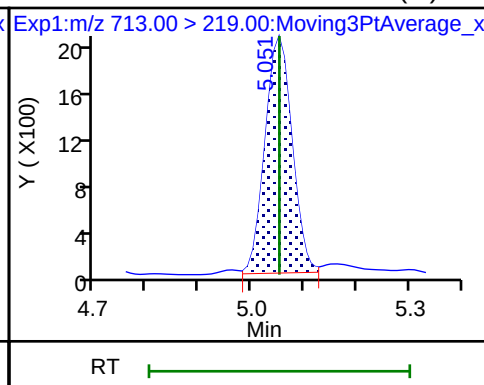
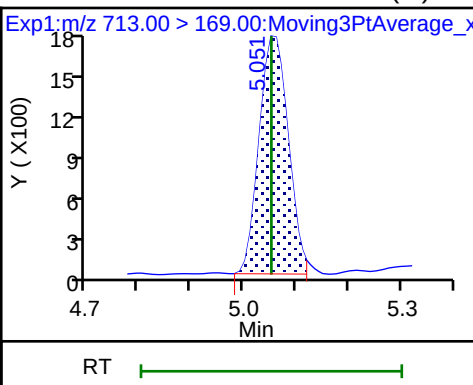
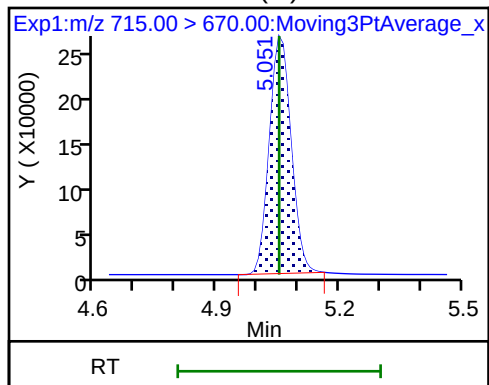
41 Perfluorotridecanoic acid (M)



D 43 13C2 PFTeDA (M)

42 Perfluorotetradecanoic acid (M)

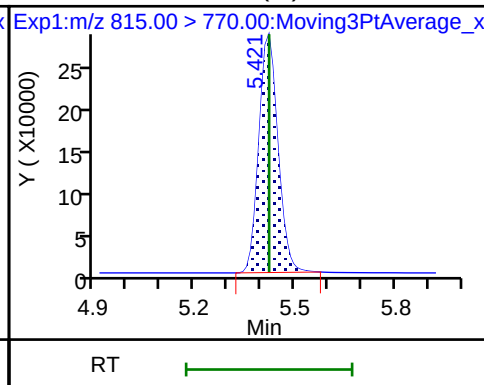
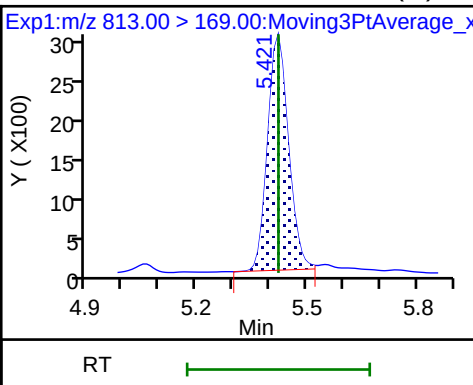
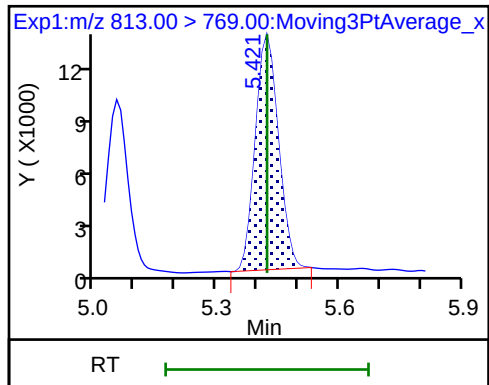
42 Perfluorotetradecanoic acid (M)



45 Perfluorohexadecanoic acid

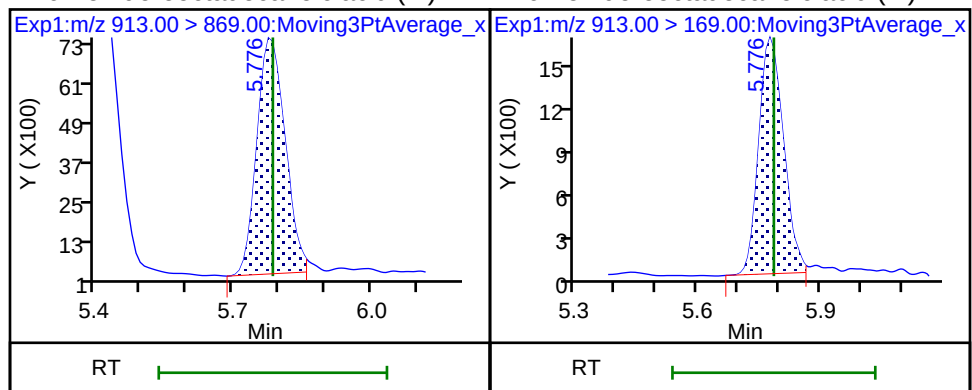
45 Perfluorohexadecanoic acid (M)

D 44 13C2 PFHxDA (M)



46 Perfluorooctadecanoic acid (M)

46 Perfluorooctadecanoic acid (M)



Eurofins Burlington

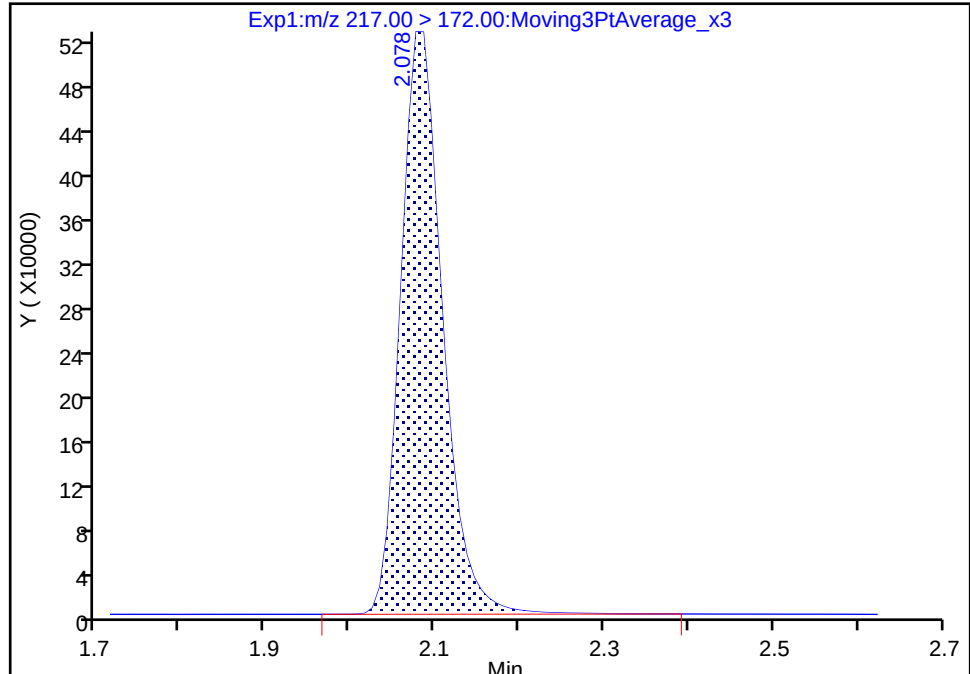
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 1 13C4 PFBA, CAS: STL00992

Signal: 1

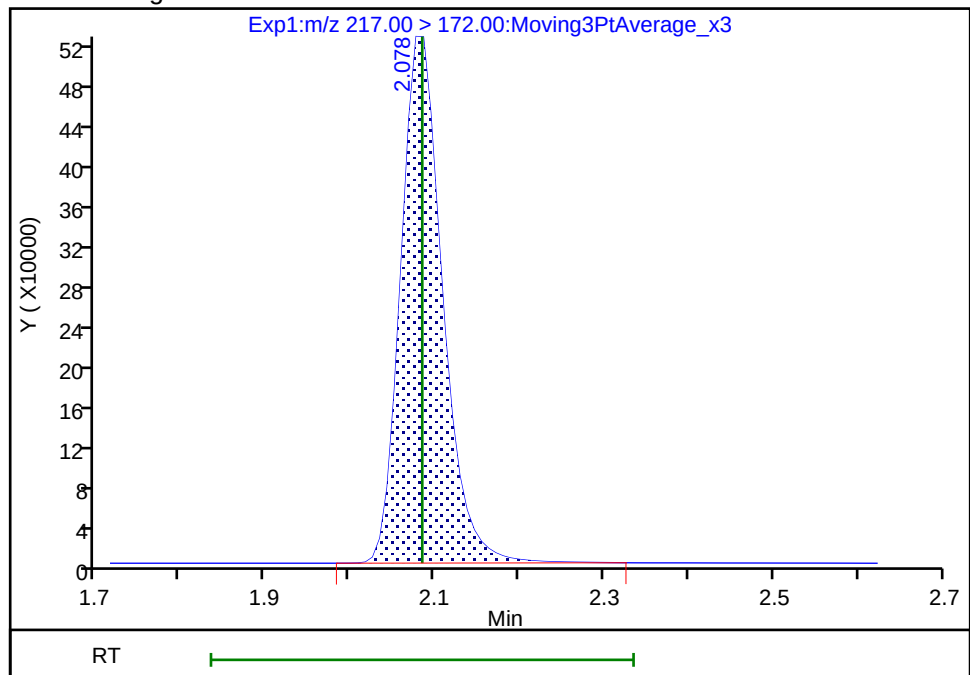
RT: 2.08
Area: 1802999
Amount: 1.250000
Amount Units: ng/ml

Processing Integration Results



RT: 2.08
Area: 1801086
Amount: 1.255951
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:15:46
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

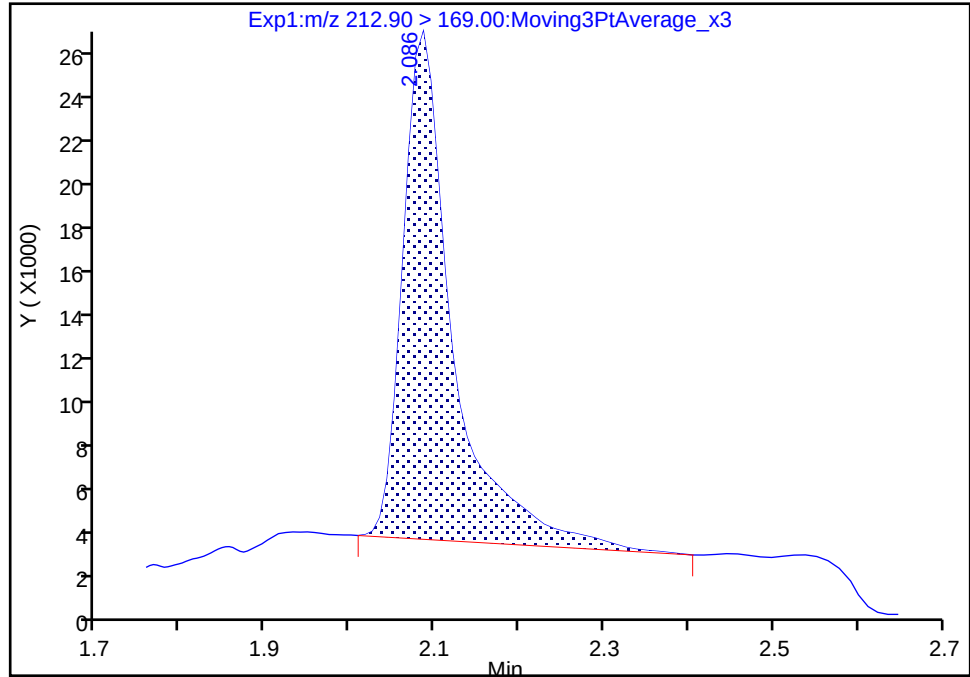
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

2 Perfluorobutanoic acid, CAS: 375-22-4

Signal: 1

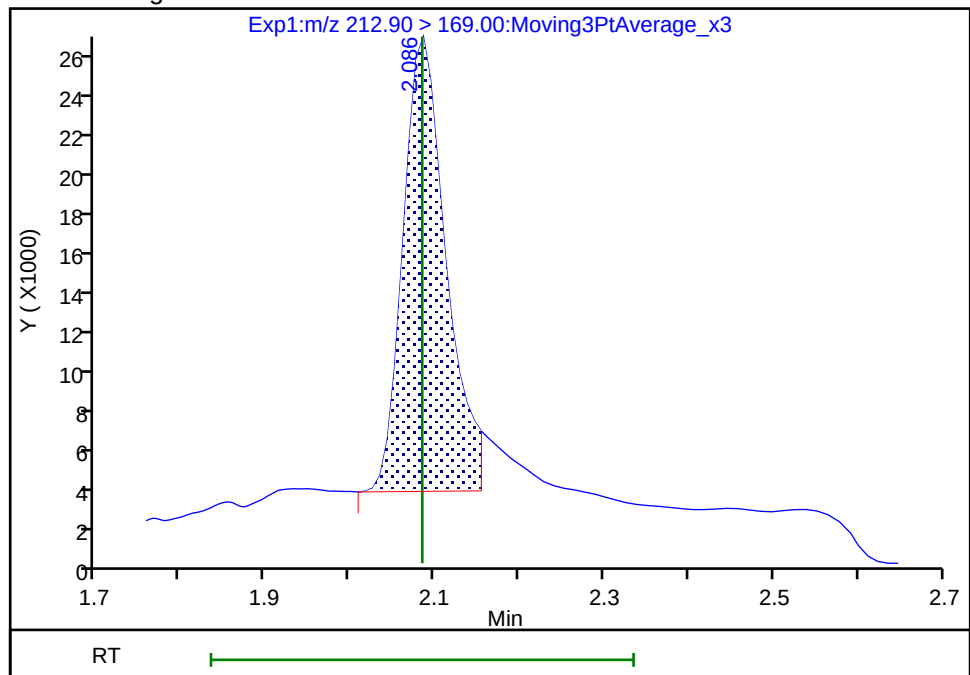
RT: 2.09
Area: 93673
Amount: 0.065648
Amount Units: ng/ml

Processing Integration Results



RT: 2.09
Area: 79209
Amount: 0.056691
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:15:57
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

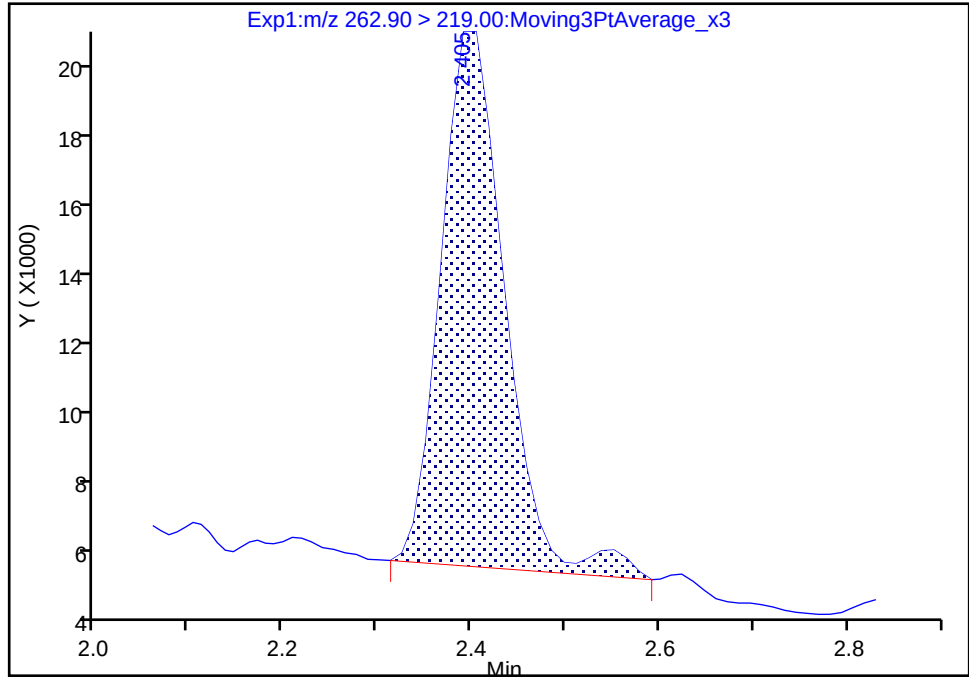
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

4 Perfluoropentanoic acid, CAS: 2706-90-3

Signal: 1

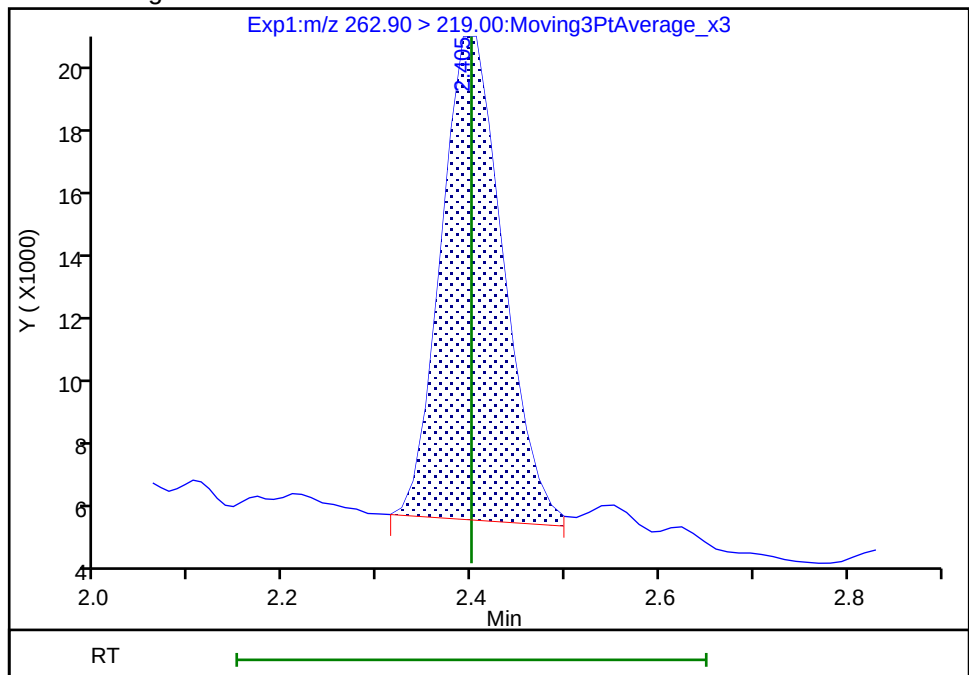
RT: 2.40
Area: 67952
Amount: 0.055488
Amount Units: ng/ml

Processing Integration Results



RT: 2.40
Area: 65556
Amount: 0.054537
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:16:07
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

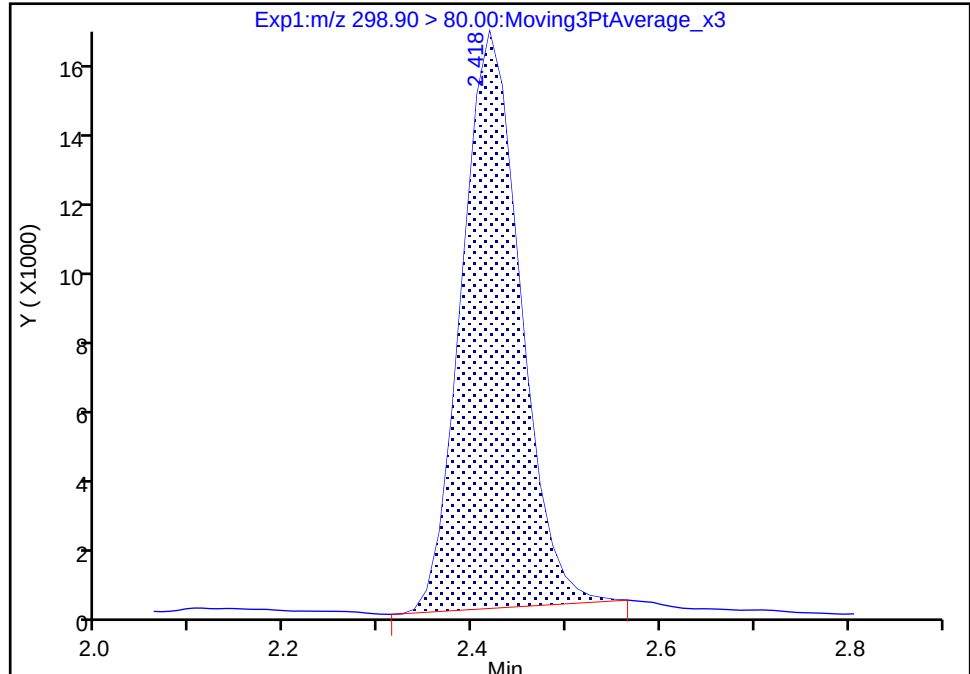
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

5 Perfluorobutanesulfonic acid, CAS: 375-73-5

Signal: 1

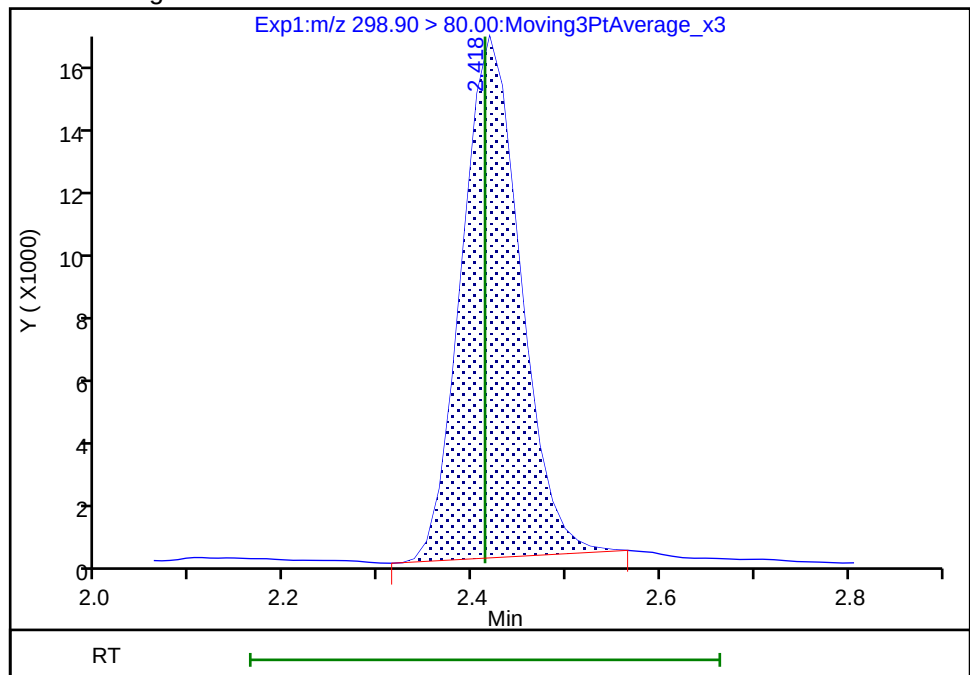
RT: 2.42
Area: 69137
Amount: 0.048271
Amount Units: ng/ml

Processing Integration Results



RT: 2.42
Area: 69137
Amount: 0.047945
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:16:14
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

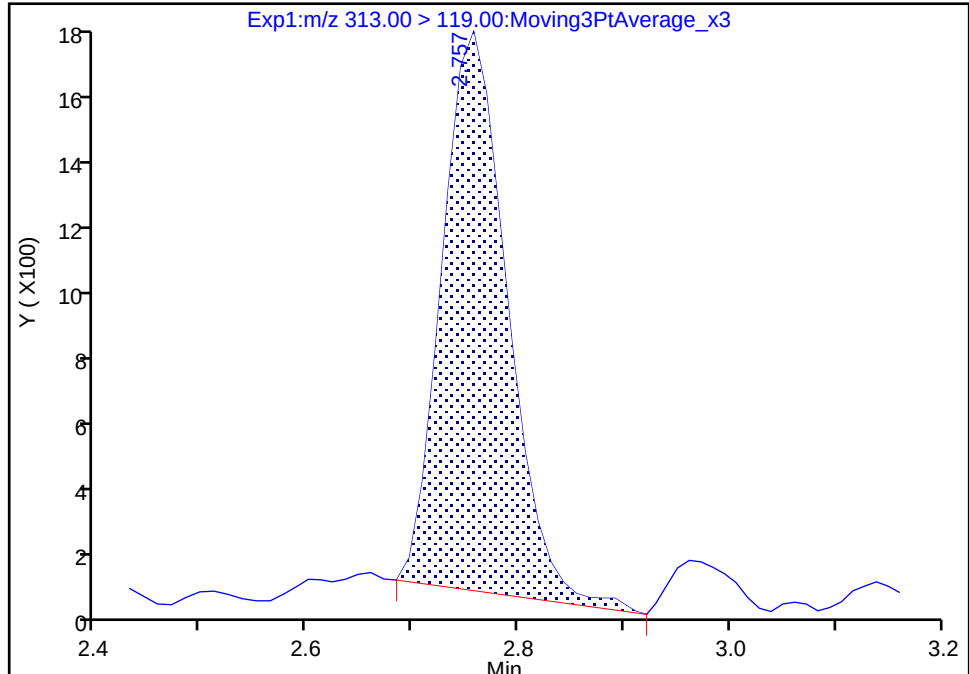
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

6 Perfluorohexanoic acid, CAS: 307-24-4

Signal: 2

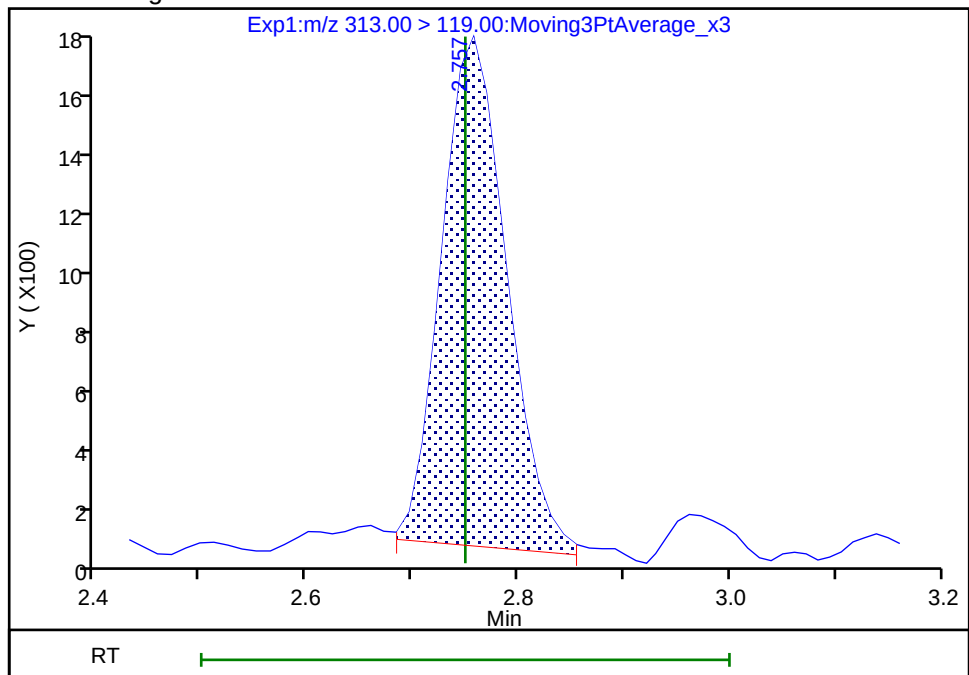
RT: 2.76
Area: 6724
Amount: 0.051926
Amount Units: ng/ml

Processing Integration Results



RT: 2.76
Area: 6757
Amount: 0.052426
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:16:35
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

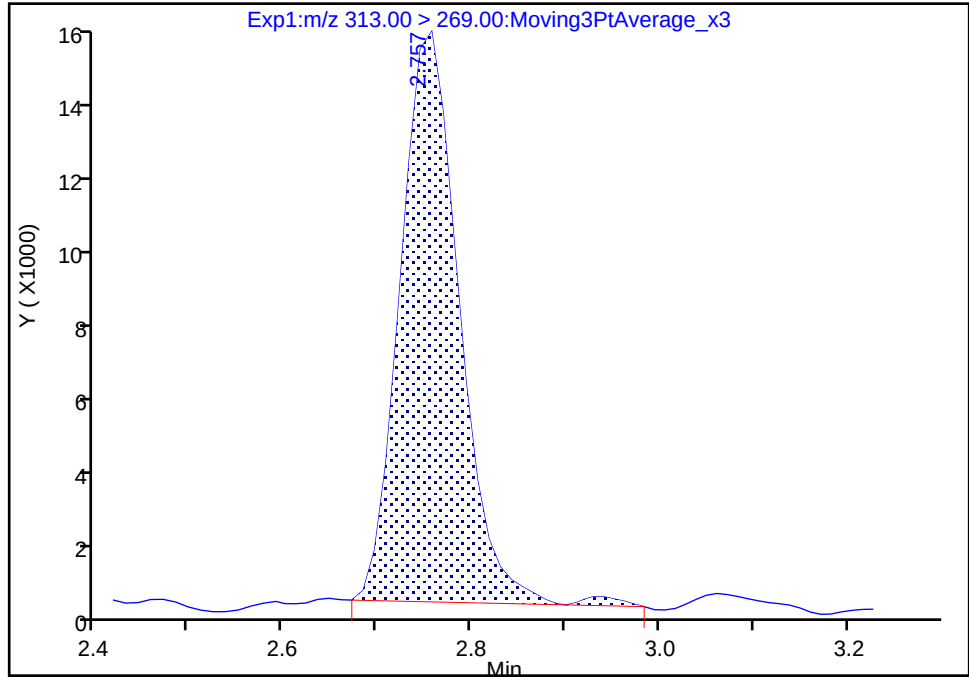
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

6 Perfluorohexanoic acid, CAS: 307-24-4

Signal: 1

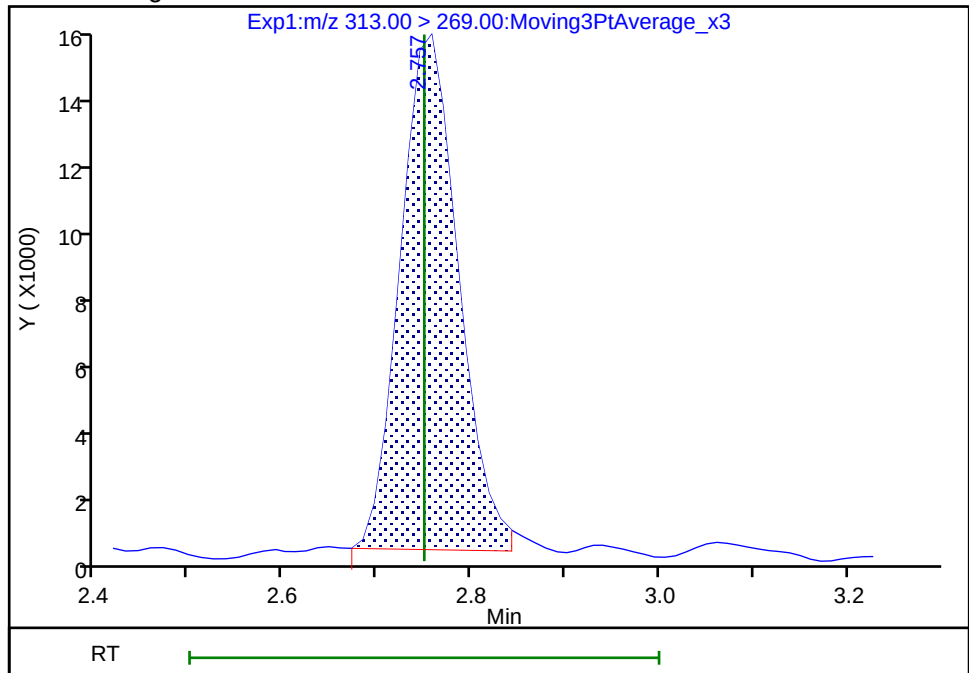
RT: 2.76
Area: 63395
Amount: 0.051926
Amount Units: ng/ml

Processing Integration Results



RT: 2.76
Area: 61860
Amount: 0.052426
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:16:40

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

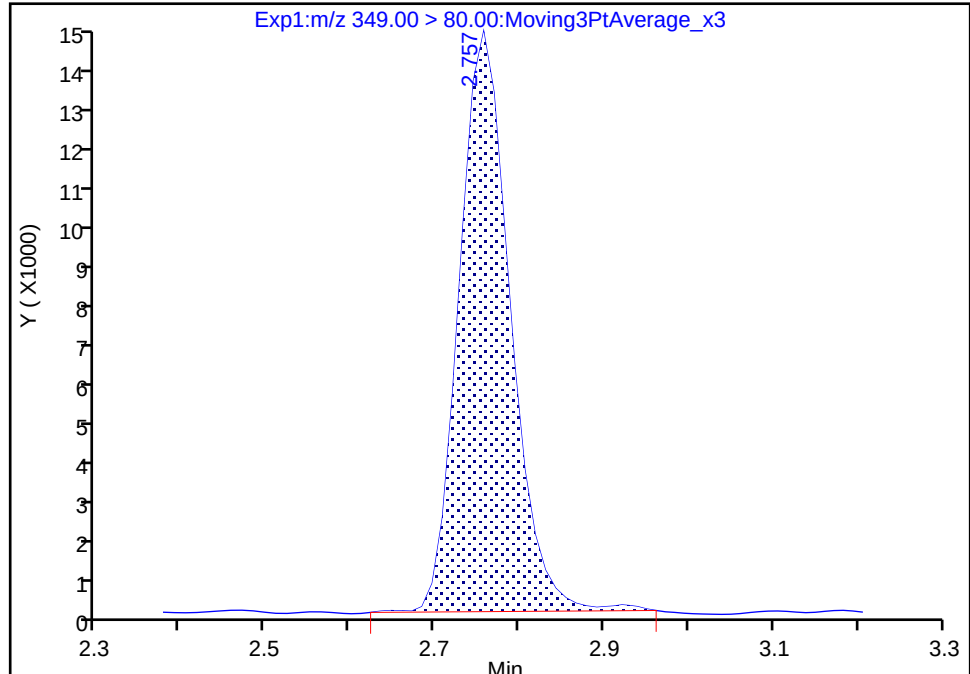
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

70 Perfluoropentanesulfonic acid, CAS: 2706-91-4

Signal: 1

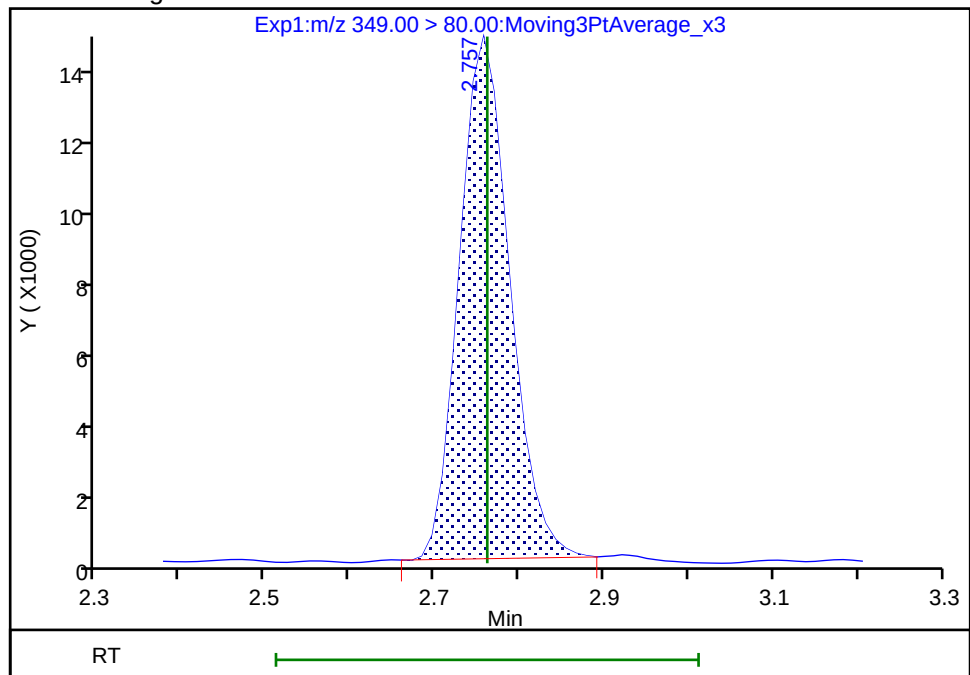
RT: 2.76
Area: 59644
Amount: 0.052502
Amount Units: ng/ml

Processing Integration Results



RT: 2.76
Area: 58374
Amount: 0.049934
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:16:48
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

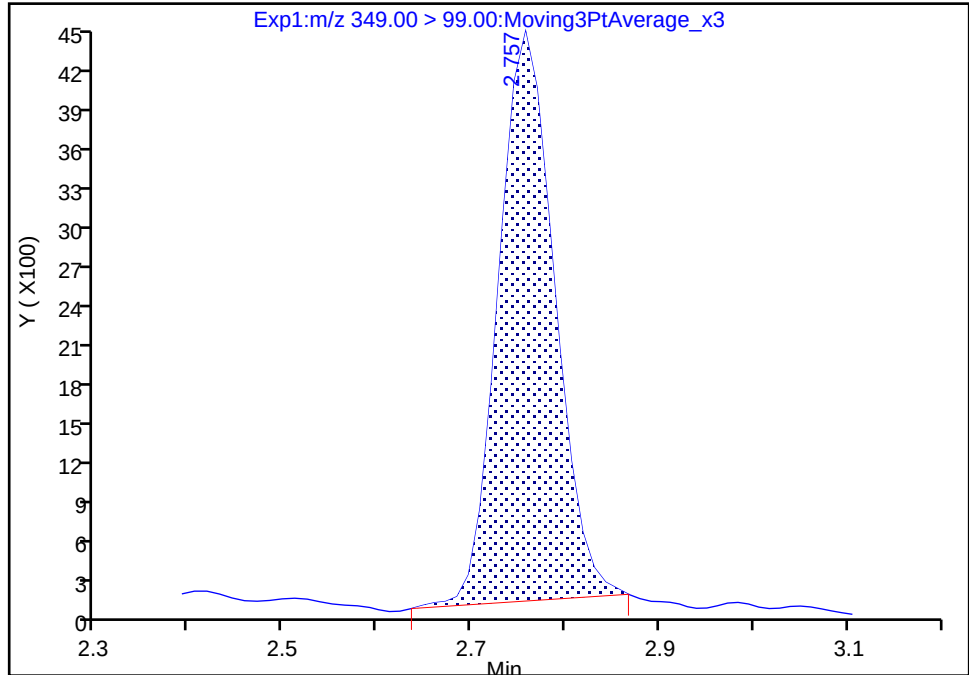
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

70 Perfluoropentanesulfonic acid, CAS: 2706-91-4

Signal: 2

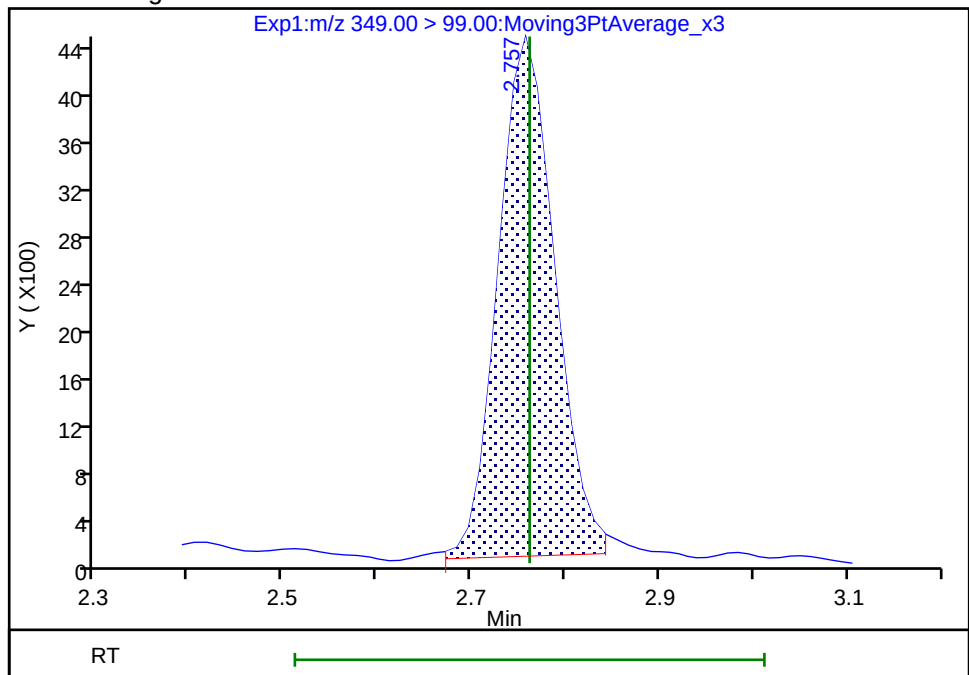
RT: 2.76
Area: 18088
Amount: 0.052502
Amount Units: ng/ml

Processing Integration Results



RT: 2.76
Area: 18394
Amount: 0.049934
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:16:58

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

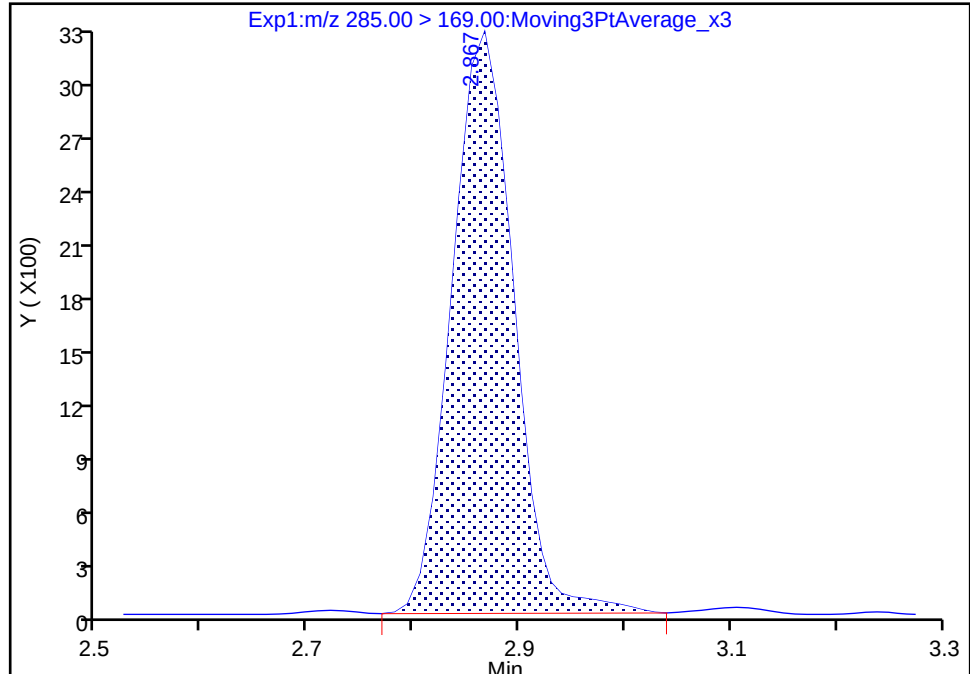
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

67 Perfluoro(2-propoxypropanoic) ac, CAS: 13252-13-6

Signal: 1

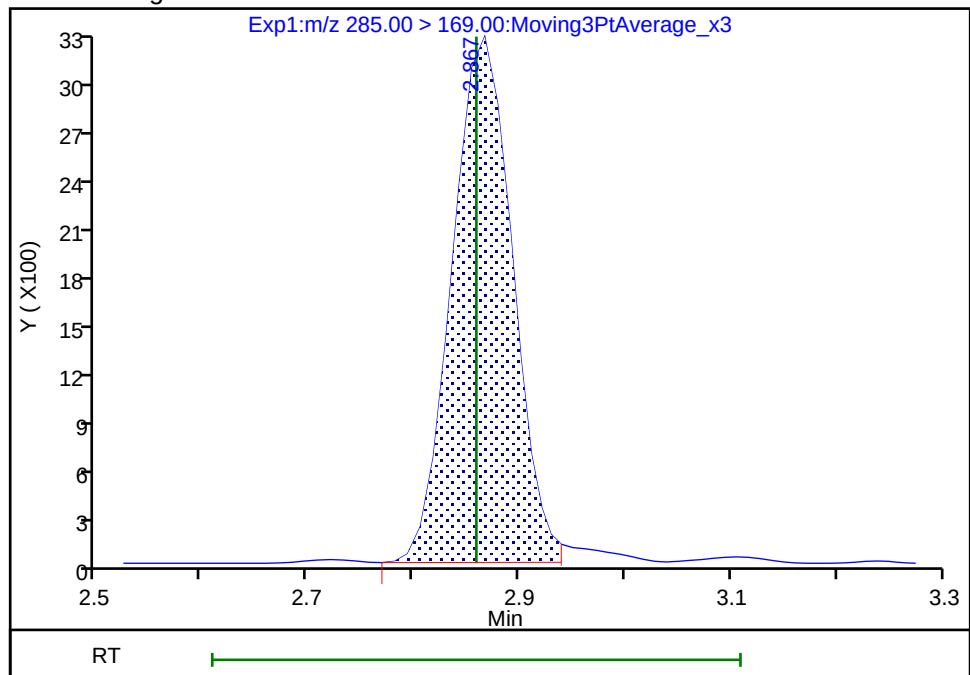
RT: 2.87
Area: 13396
Amount: 0.058297
Amount Units: ng/ml

Processing Integration Results



RT: 2.87
Area: 13087
Amount: 0.058958
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:17:06
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

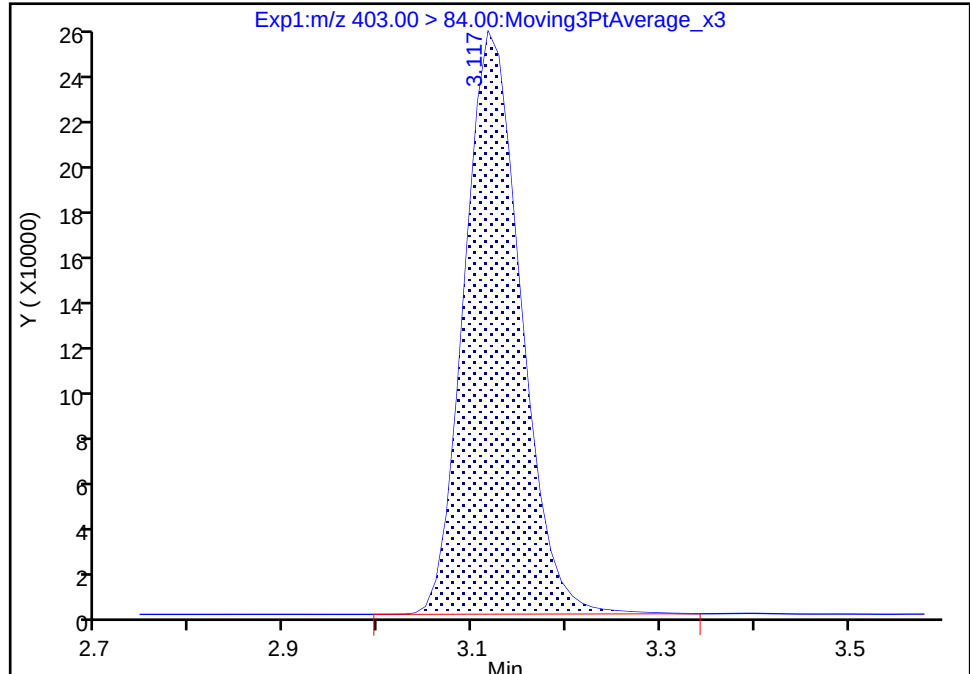
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 11 18O2 PFHxS, CAS: STL00994

Signal: 1

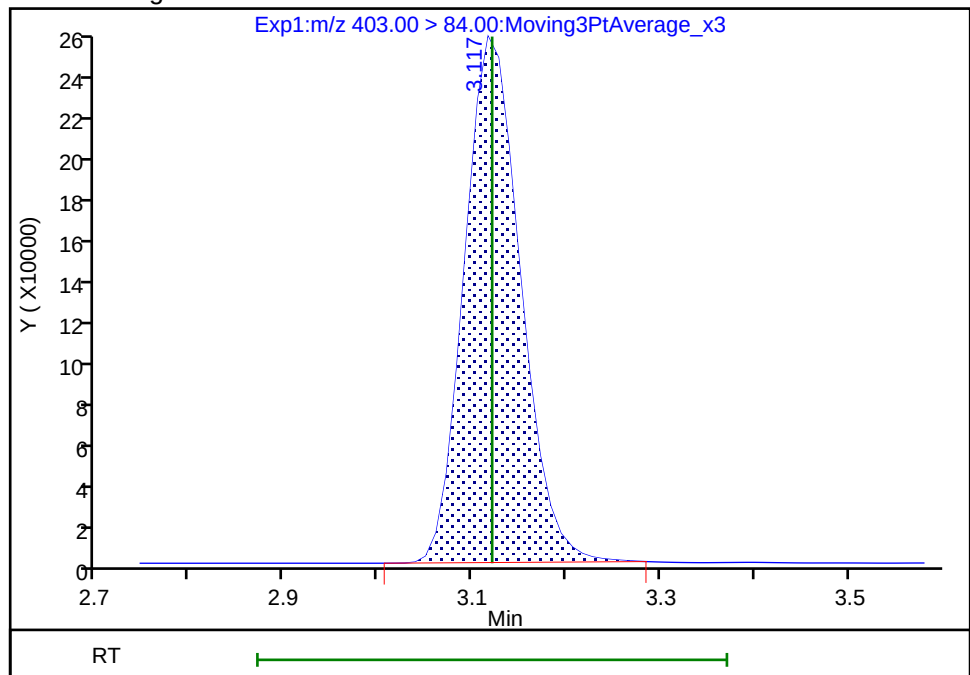
RT: 3.12
Area: 1071931
Amount: 0.971660
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 1066162
Amount: 1.187756
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:17:42
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

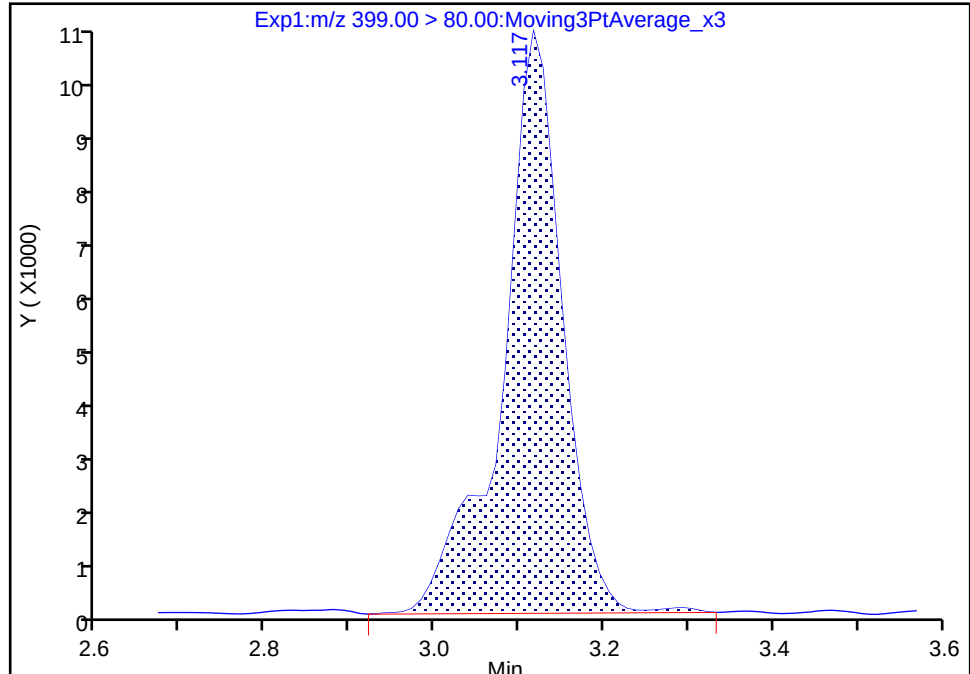
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 1

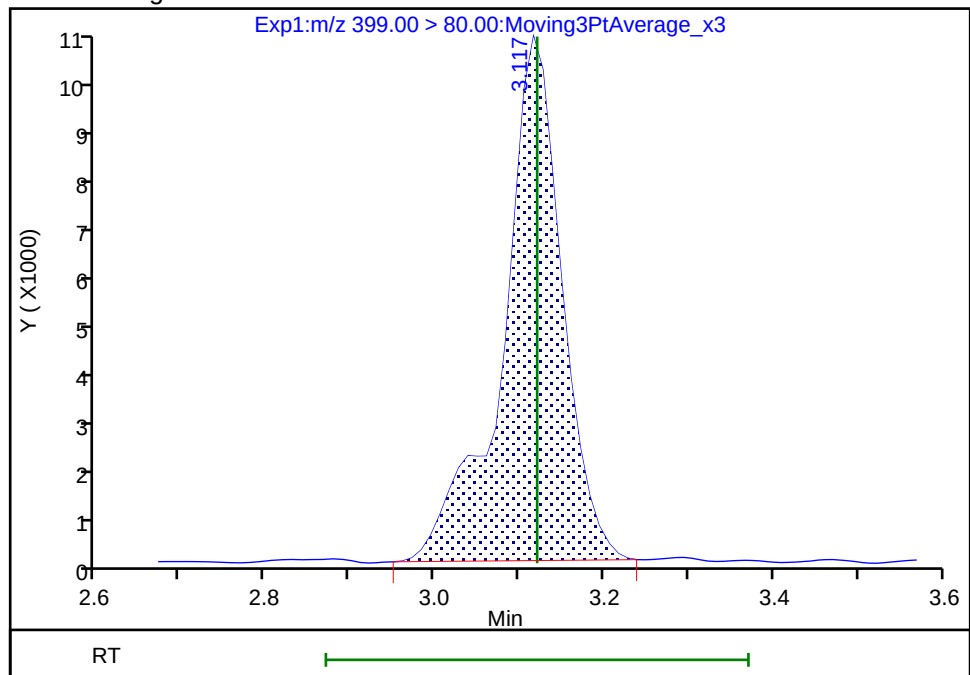
RT: 3.12
Area: 52784
Amount: 0.052258
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 51891
Amount: 0.052182
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:17:26
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

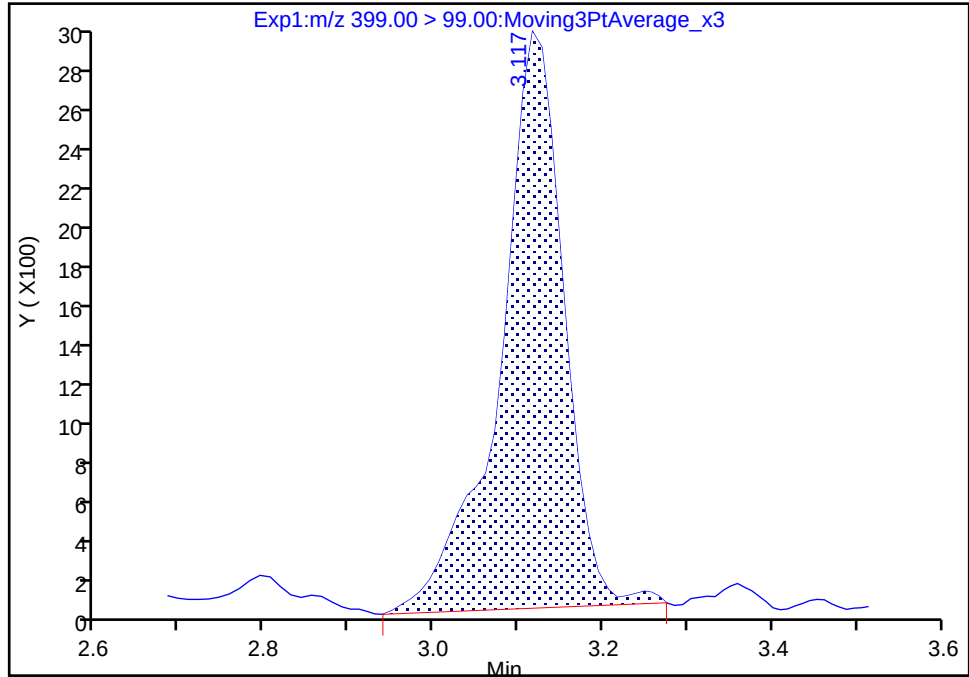
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 2

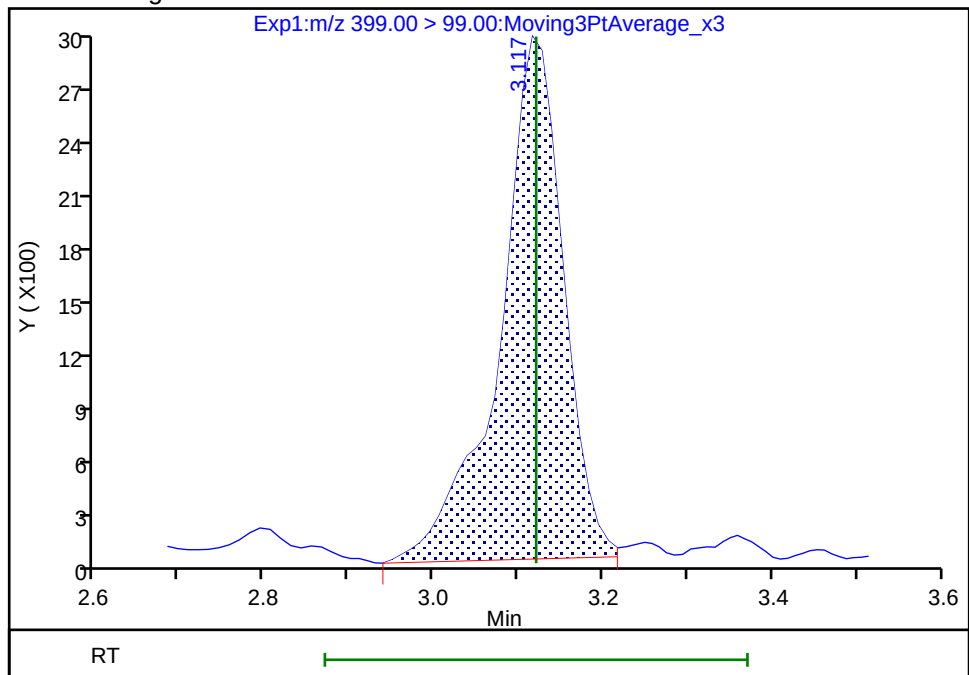
RT: 3.12
Area: 15210
Amount: 0.052258
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 15155
Amount: 0.052182
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:17:33

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

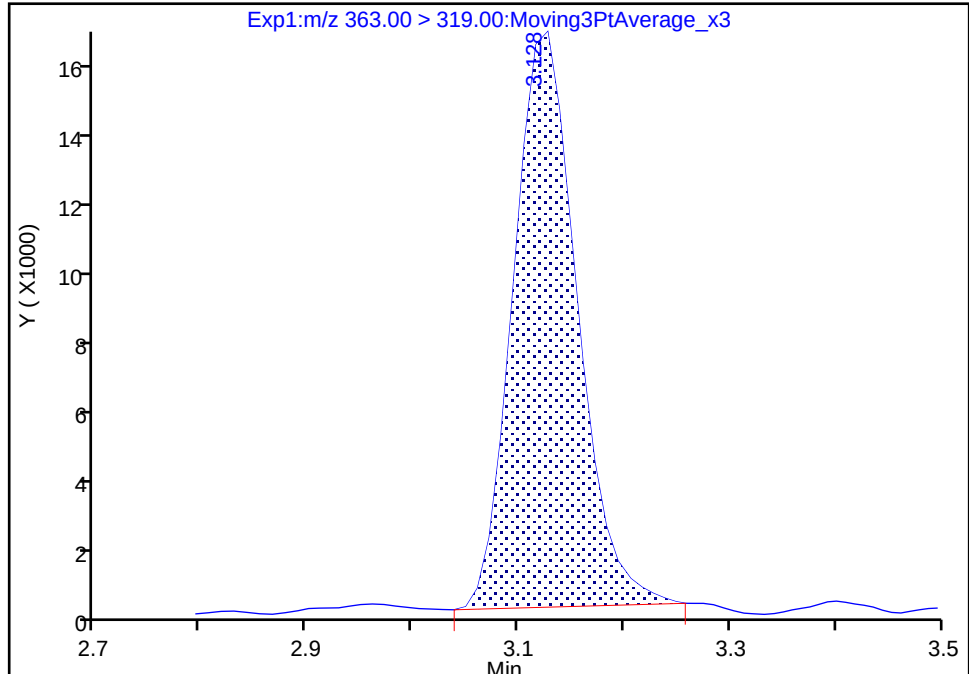
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

10 Perfluoroheptanoic acid, CAS: 375-85-9

Signal: 1

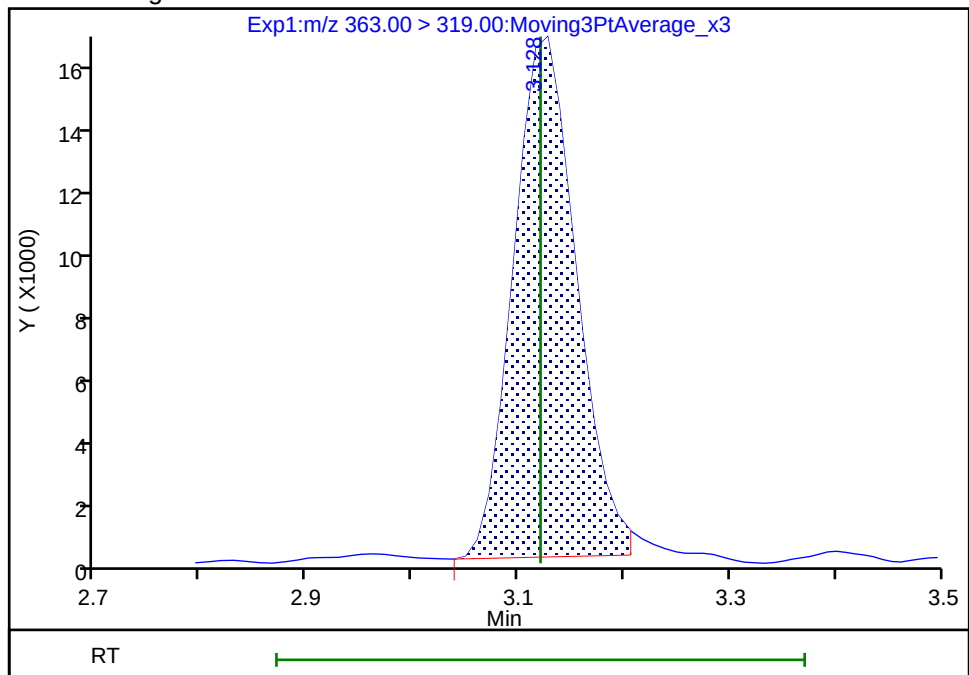
RT: 3.13
Area: 66445
Amount: 0.055781
Amount Units: ng/ml

Processing Integration Results



RT: 3.13
Area: 65633
Amount: 0.054796
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:17:56
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

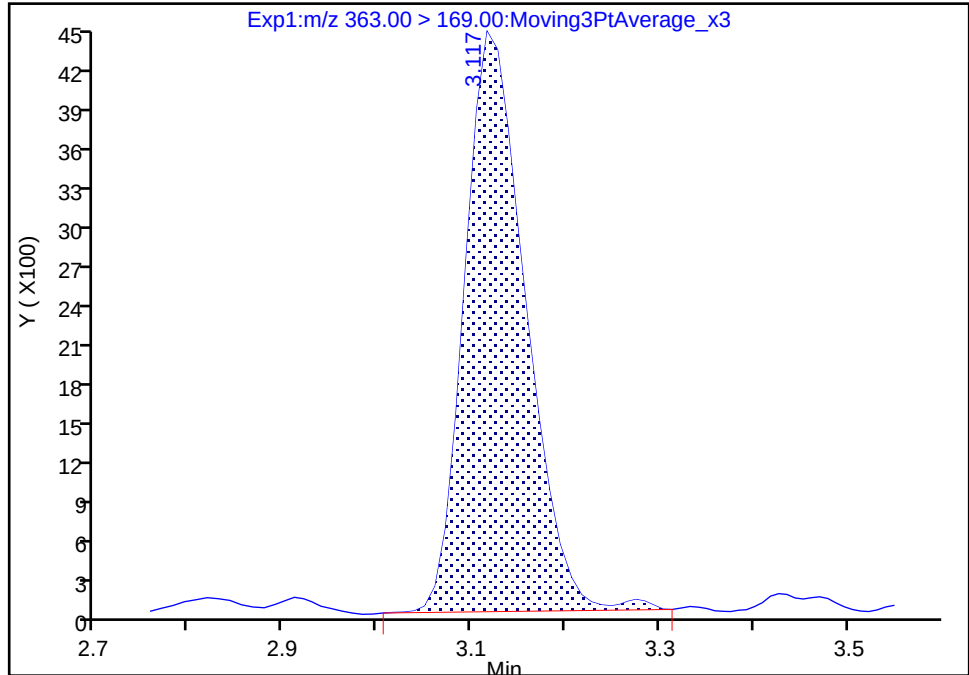
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

10 Perfluoroheptanoic acid, CAS: 375-85-9

Signal: 2

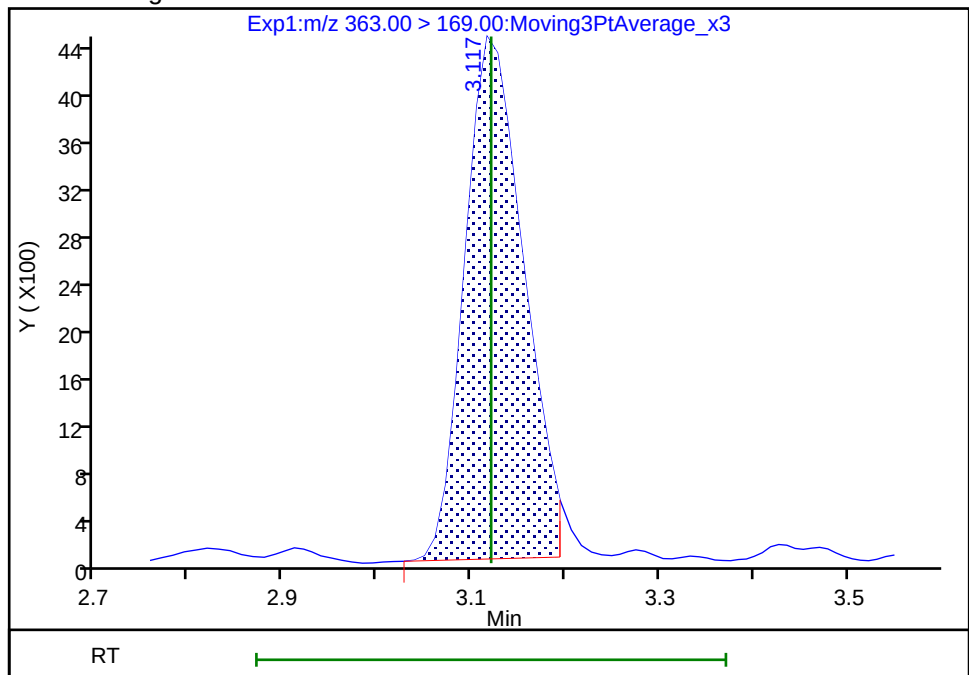
RT: 3.12
Area: 20021
Amount: 0.055781
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 19194
Amount: 0.054796
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:18:00

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

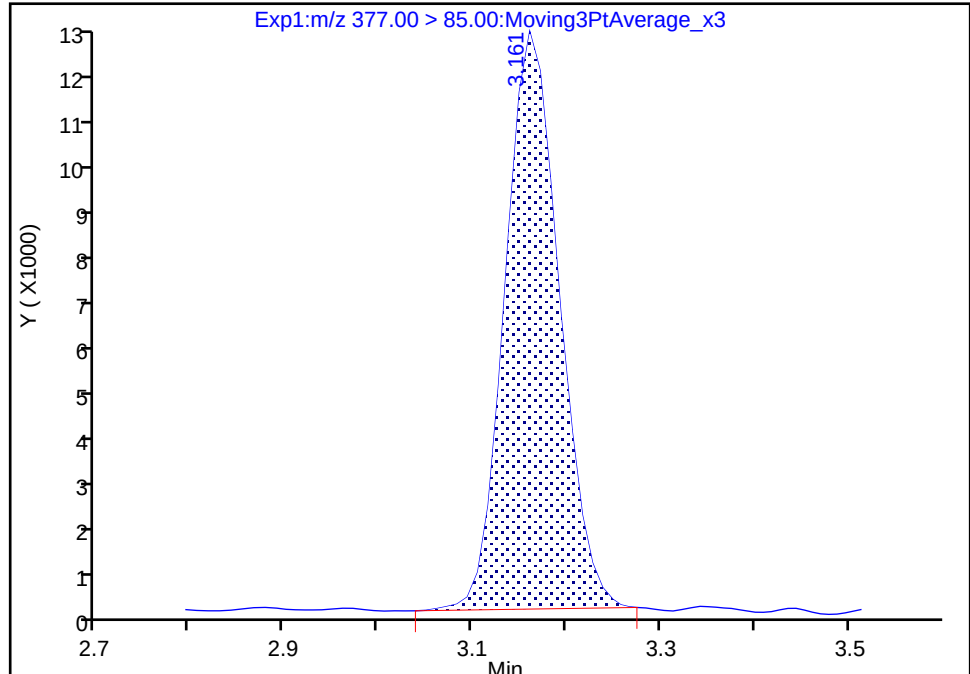
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

77 DONA, CAS: 919005-14-4

Signal: 2

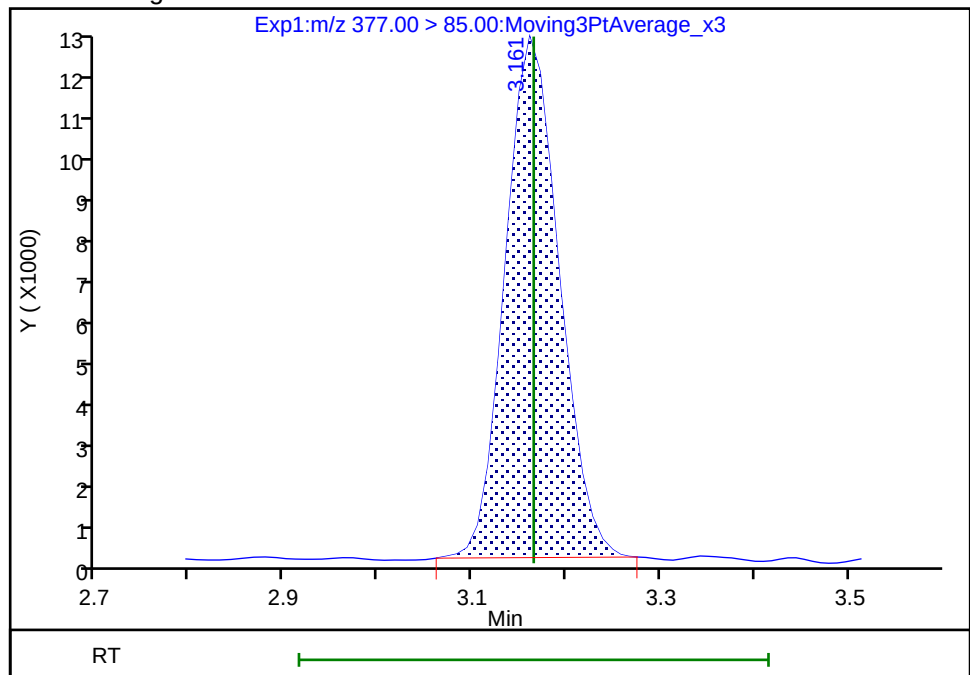
RT: 3.16
Area: 51313
Amount: 0.062728
Amount Units: ng/ml

Processing Integration Results



RT: 3.16
Area: 51045
Amount: 0.051562
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:18:14
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

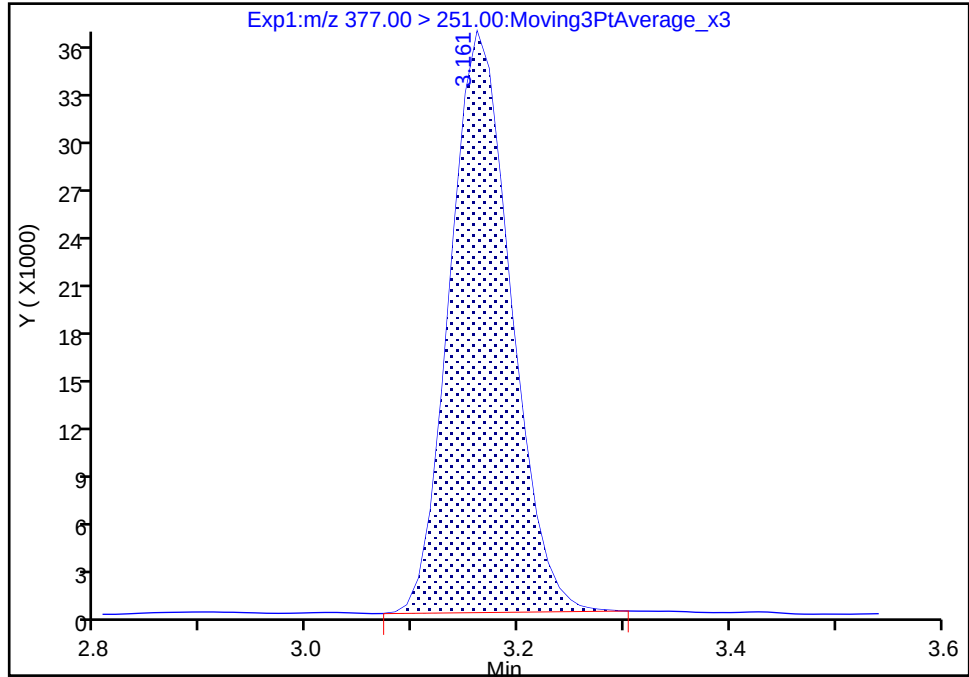
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

77 DONA, CAS: 919005-14-4

Signal: 1

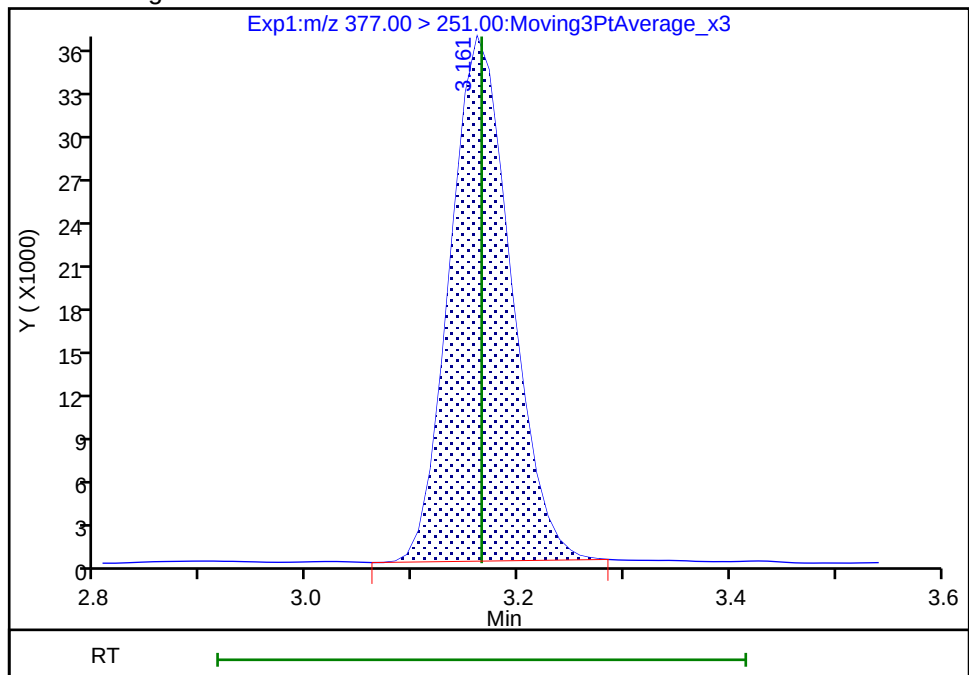
RT: 3.16
Area: 145361
Amount: 0.062728
Amount Units: ng/ml

Processing Integration Results



RT: 3.16
Area: 144834
Amount: 0.051562
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:18:19

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

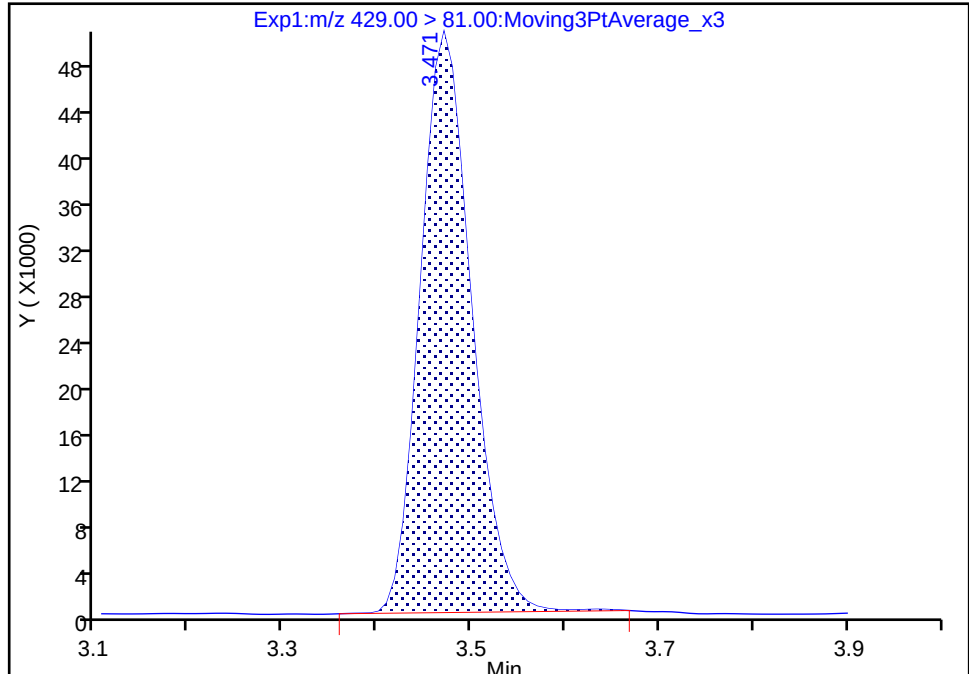
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 12 M2-6:2 FTS, CAS: STL02279

Signal: 1

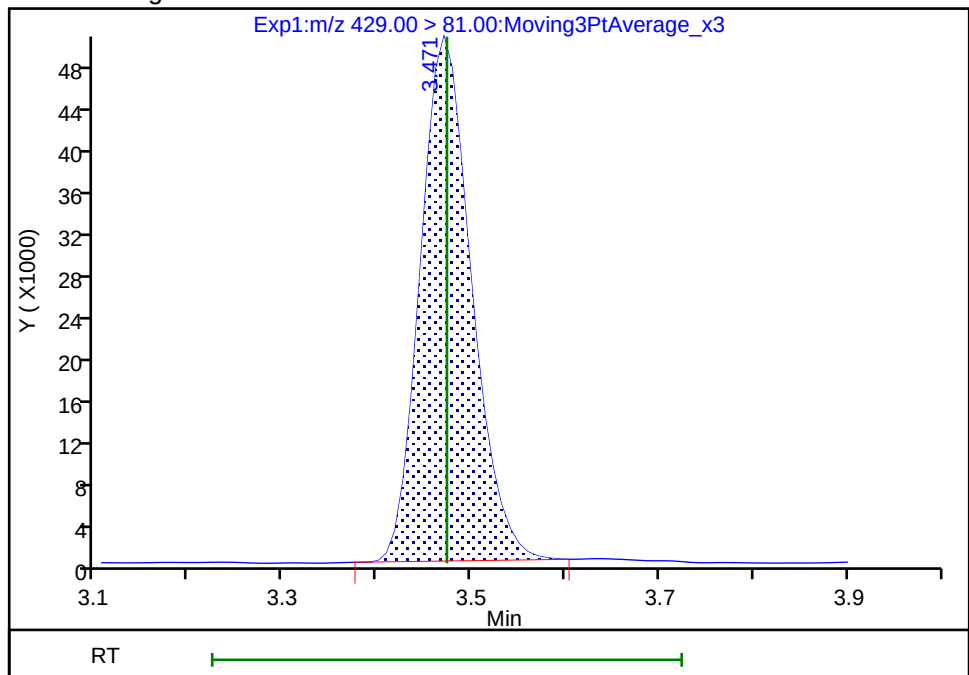
RT: 3.47
Area: 191730
Amount: 1.062165
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 190476
Amount: 1.267834
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:18:24

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

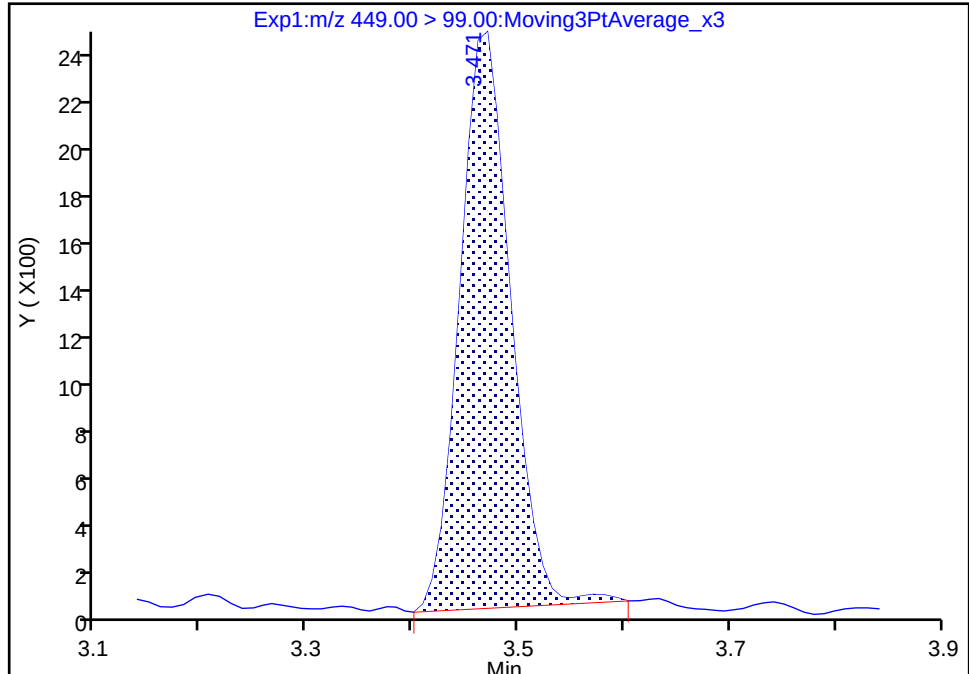
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

16 Perfluoroheptanesulfonic acid, CAS: 375-92-8

Signal: 2

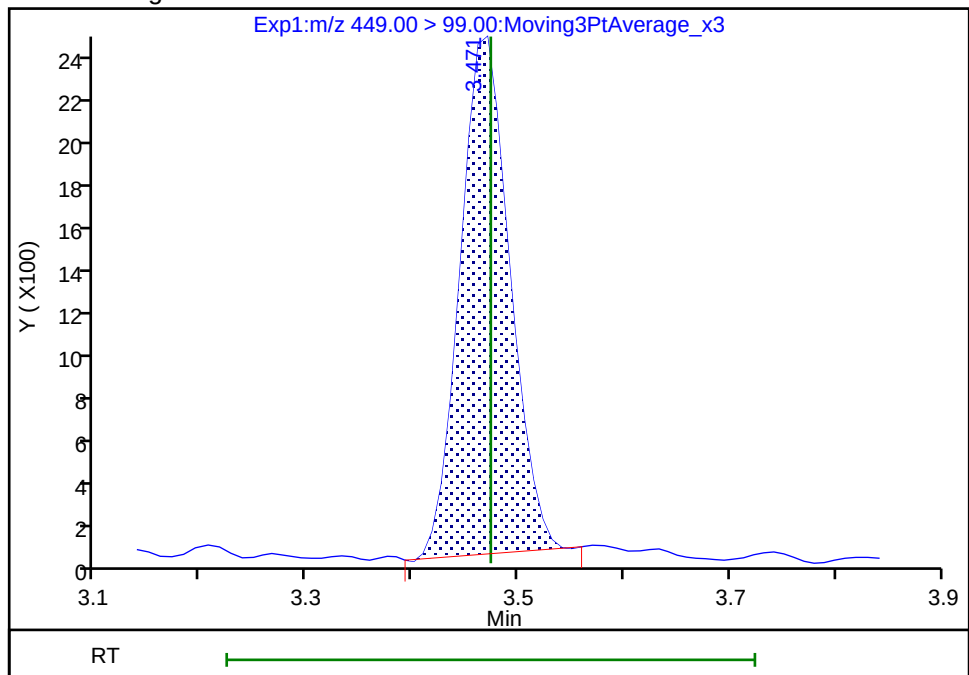
RT: 3.47
Area: 8022
Amount: 0.054097
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 7774
Amount: 0.053661
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:18:31
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d

Injection Date: 03-Aug-2022 13:00:16

Instrument ID: LC812

Lims ID: IC

Client ID:

Operator ID: lc812tech

ALS Bottle#:

2

Worklist Smp#: 5

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

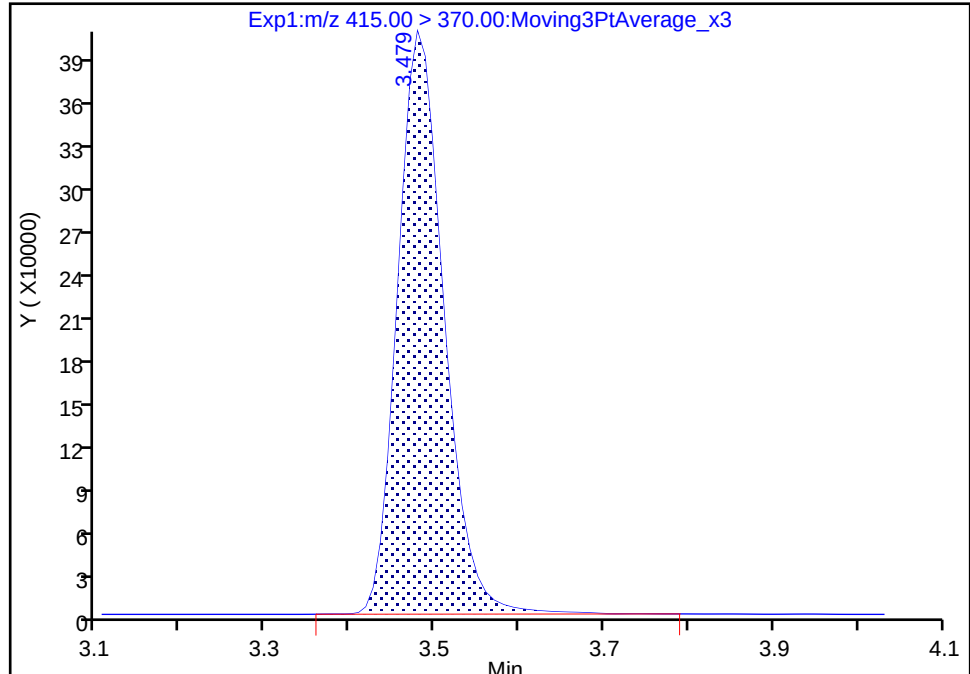
Detector: EXP1

* 62 13C2 PFOA, CAS: STL00623

Signal: 1

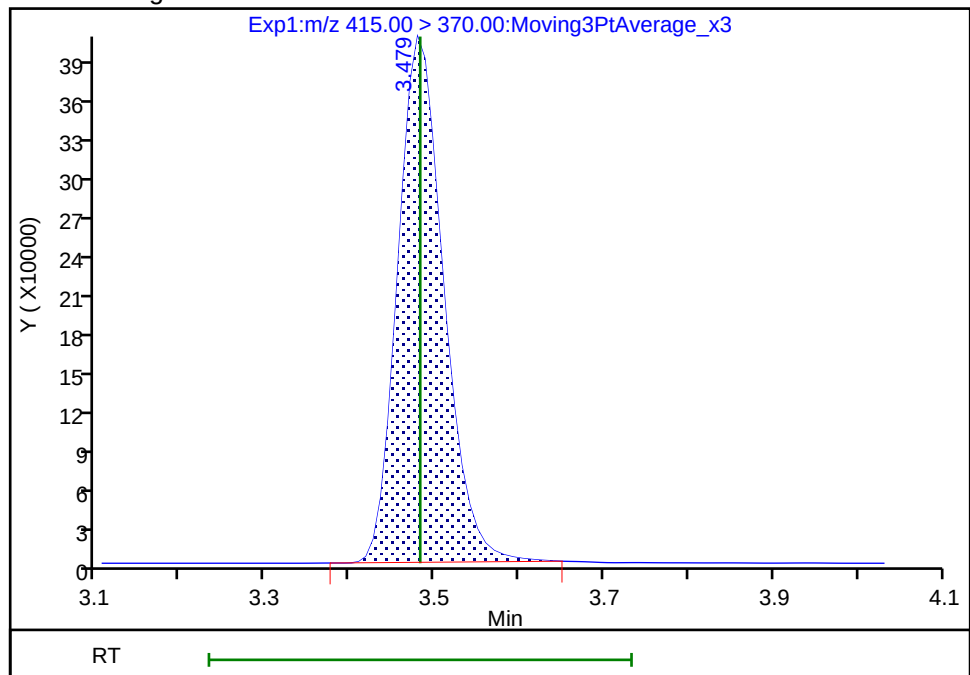
RT: 3.48
Area: 1550787
Amount: 1.250000
Amount Units: ng/ml

Processing Integration Results



RT: 3.48
Area: 1535975
Amount: 1.250000
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:18:38

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

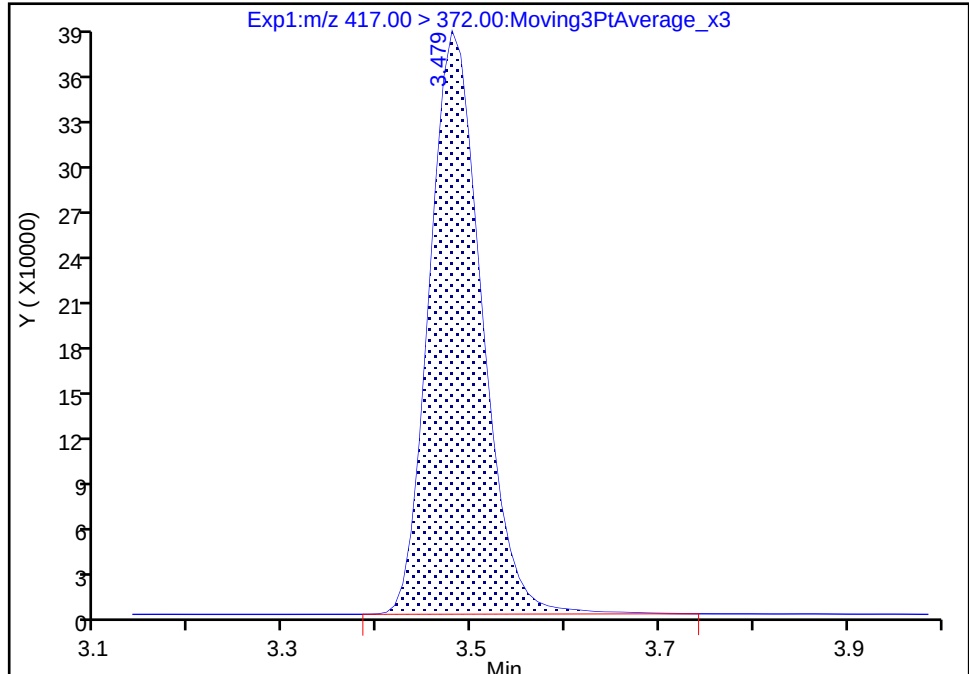
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 14 13C4 PFOA, CAS: STL00990

Signal: 1

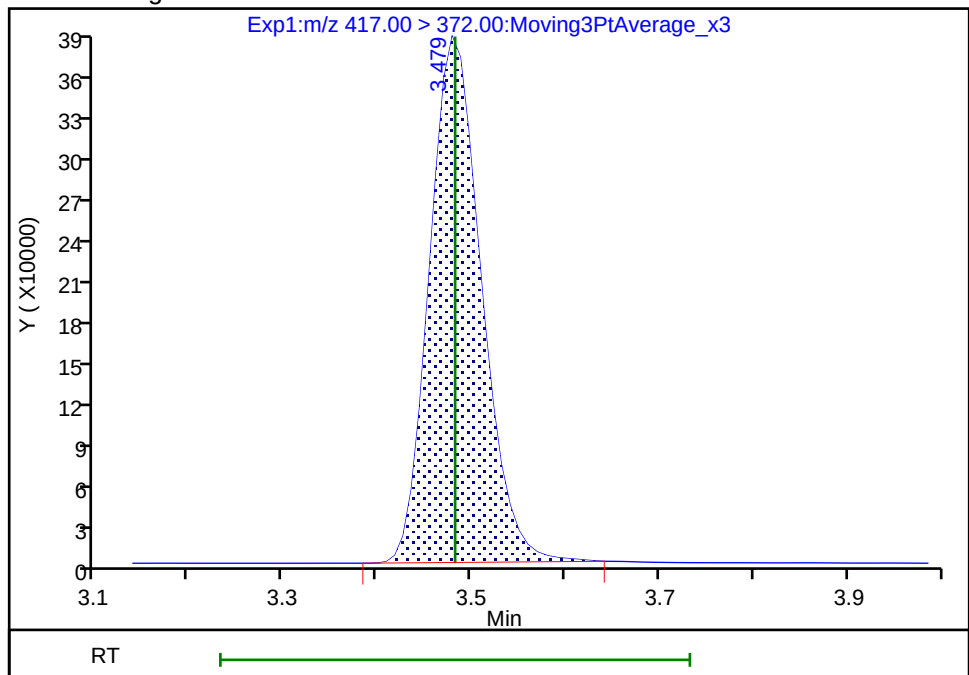
RT: 3.48
Area: 1496323
Amount: 1.297310
Amount Units: ng/ml

Processing Integration Results



RT: 3.48
Area: 1484438
Amount: 1.268263
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:18:48
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

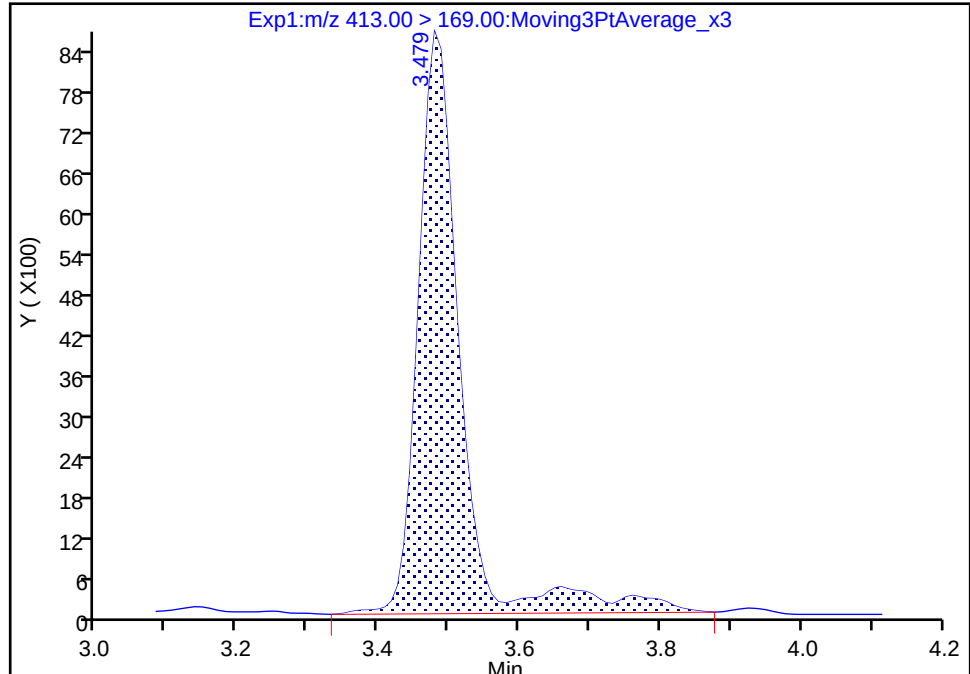
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 2

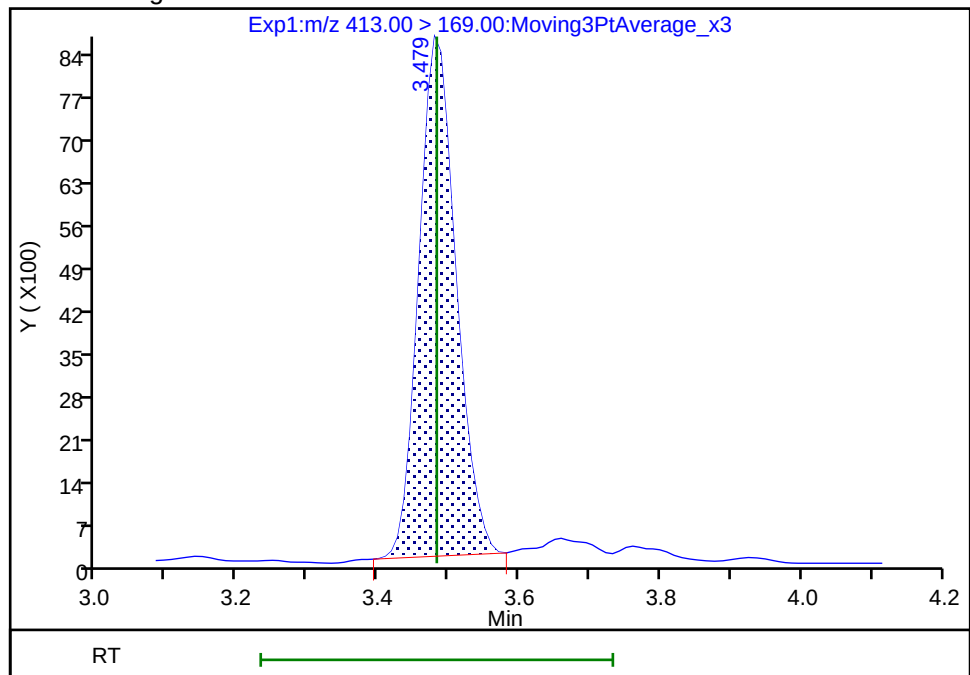
RT: 3.48
Area: 35958
Amount: 0.057122
Amount Units: ng/ml

Processing Integration Results



RT: 3.48
Area: 31052
Amount: 0.058456
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:19:02

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

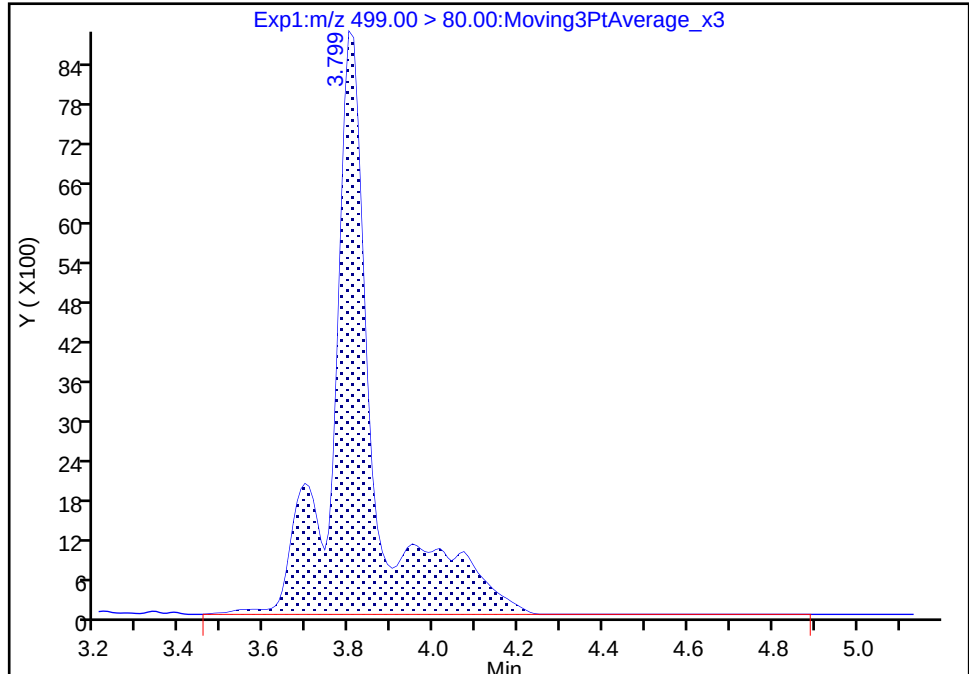
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 1

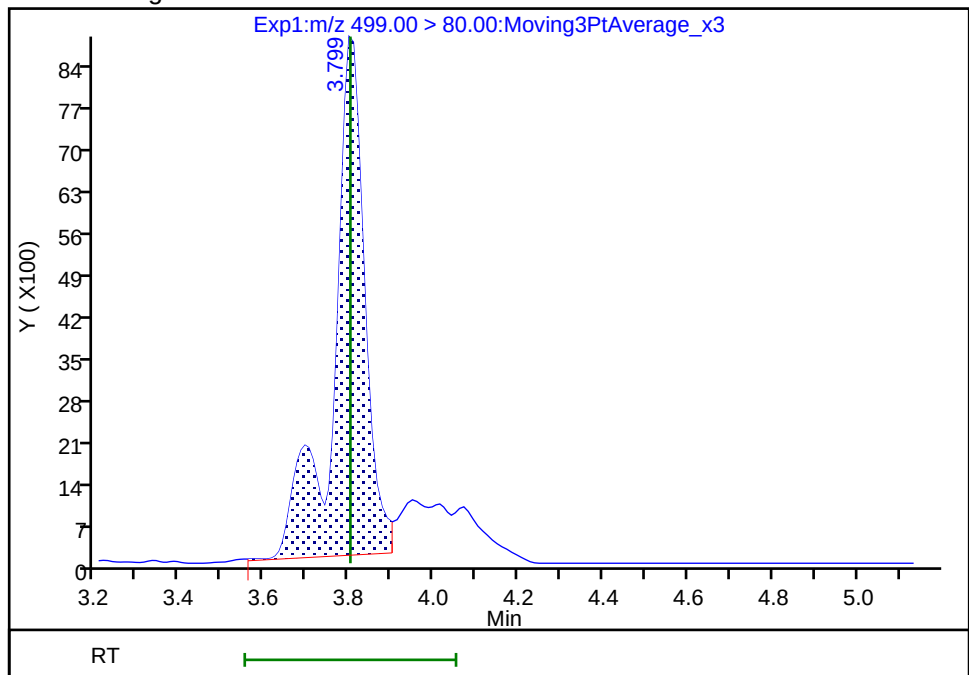
RT: 3.80
Area: 59914
Amount: 0.073920
Amount Units: ng/ml

Processing Integration Results



RT: 3.80
Area: 44505
Amount: 0.047116
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:20:11
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

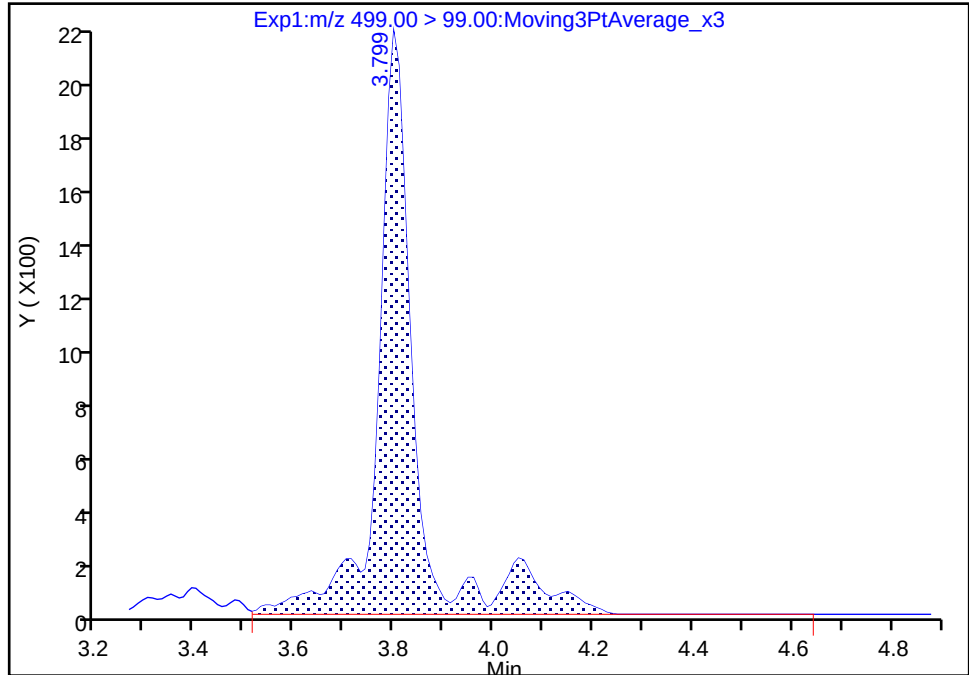
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 2

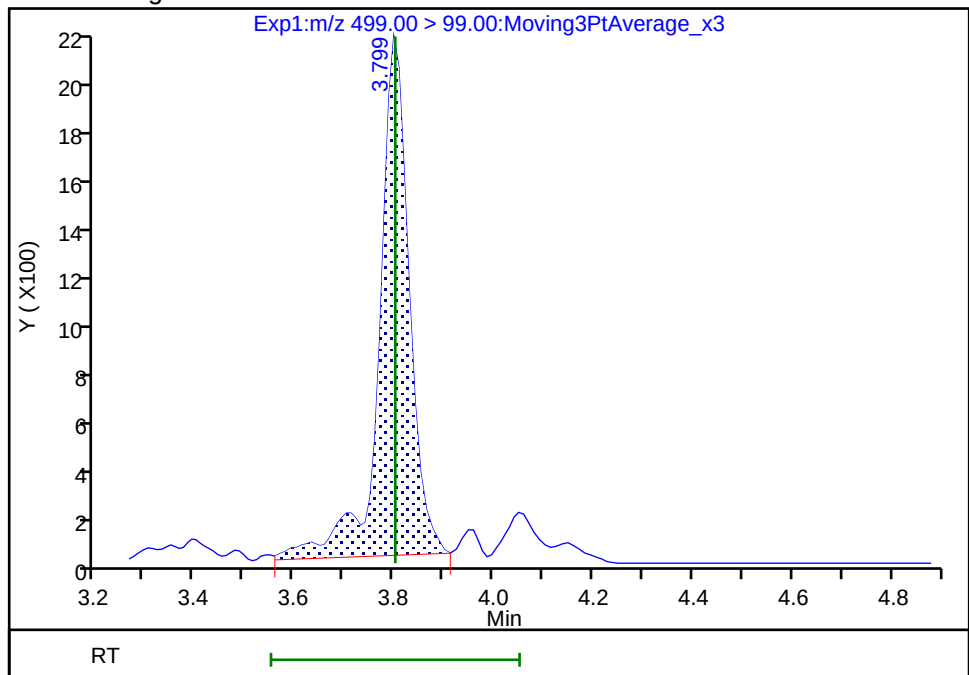
RT: 3.80
Area: 10980
Amount: 0.073920
Amount Units: ng/ml

Processing Integration Results



RT: 3.80
Area: 8724
Amount: 0.047116
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:20:23

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

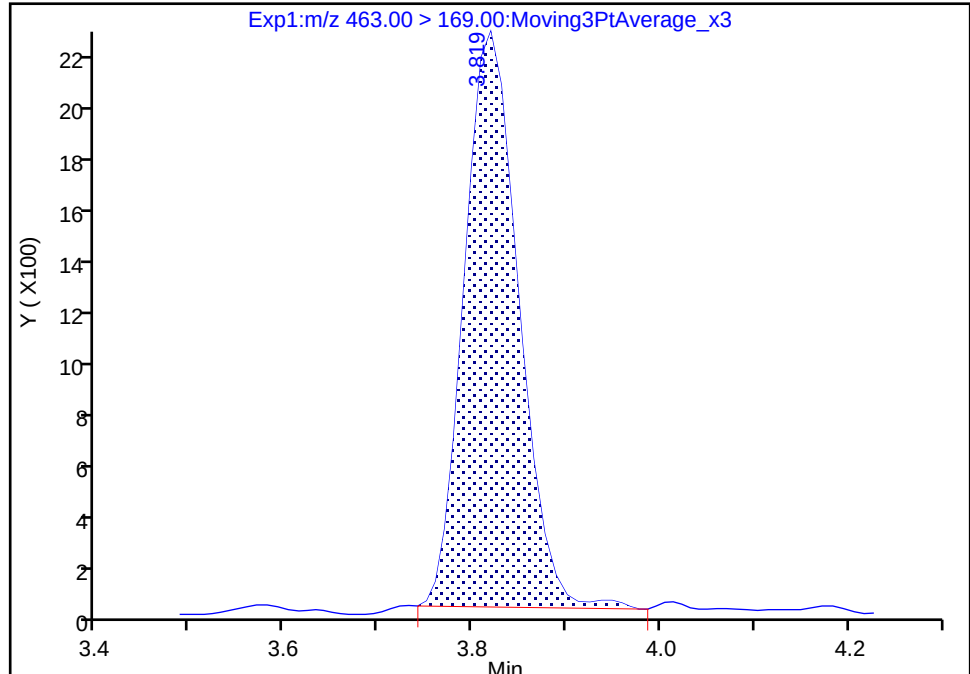
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

20 Perfluorononanoic acid, CAS: 375-95-1

Signal: 2

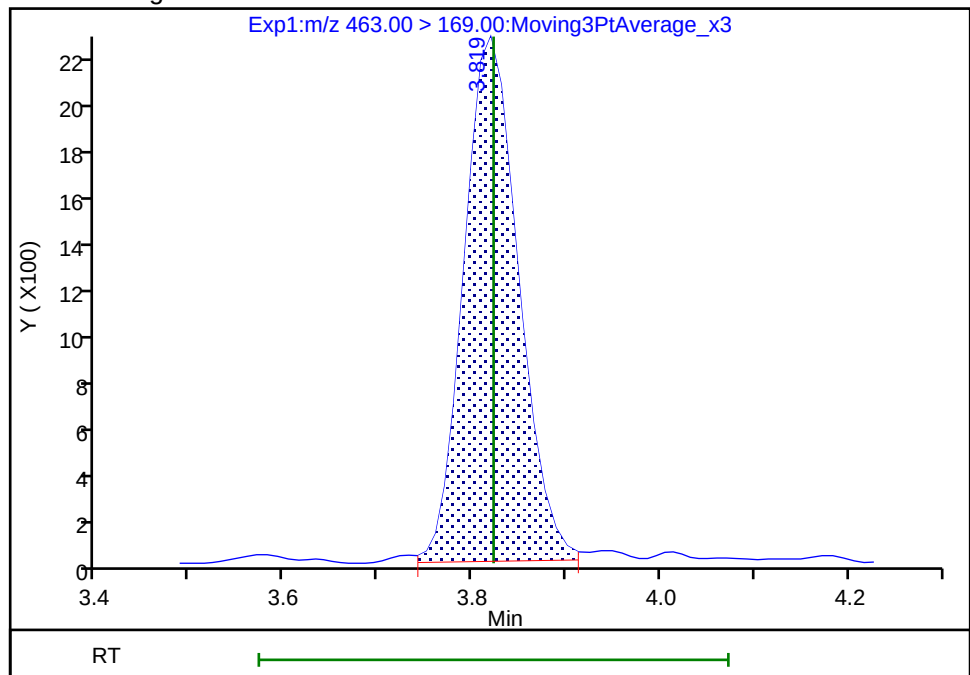
RT: 3.82
Area: 8844
Amount: 0.058249
Amount Units: ng/ml

Processing Integration Results



RT: 3.82
Area: 8957
Amount: 0.056246
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:20:38
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

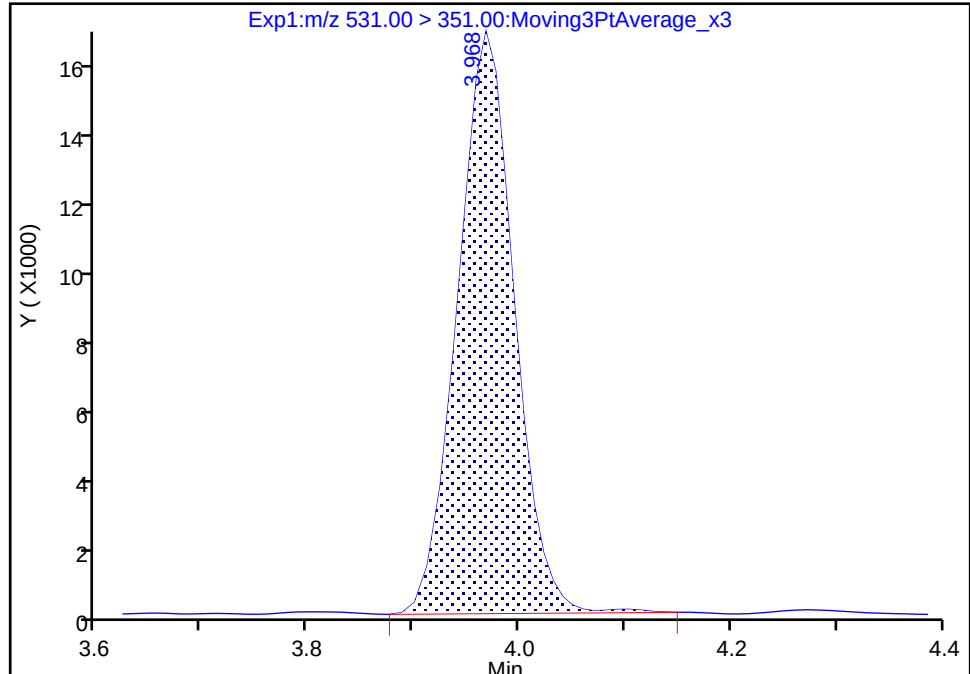
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

69 9-Chlorohexadecafluoro-3-oxanona, CAS: 756426-58-1

Signal: 1

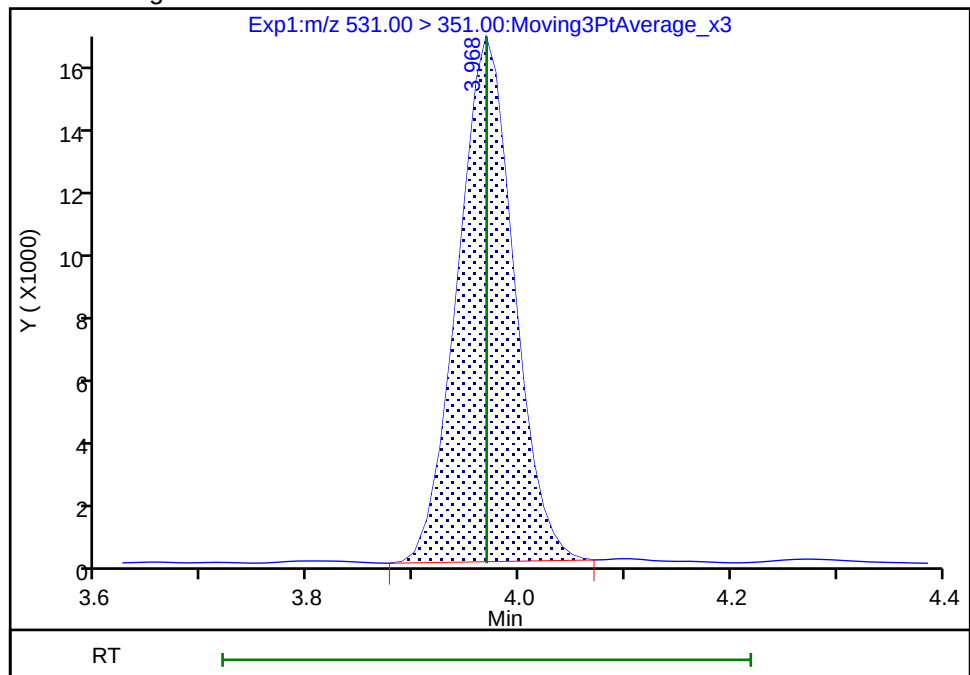
RT: 3.97
Area: 60050
Amount: 0.049170
Amount Units: ng/ml

Processing Integration Results



RT: 3.97
Area: 59438
Amount: 0.049337
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:20:44
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

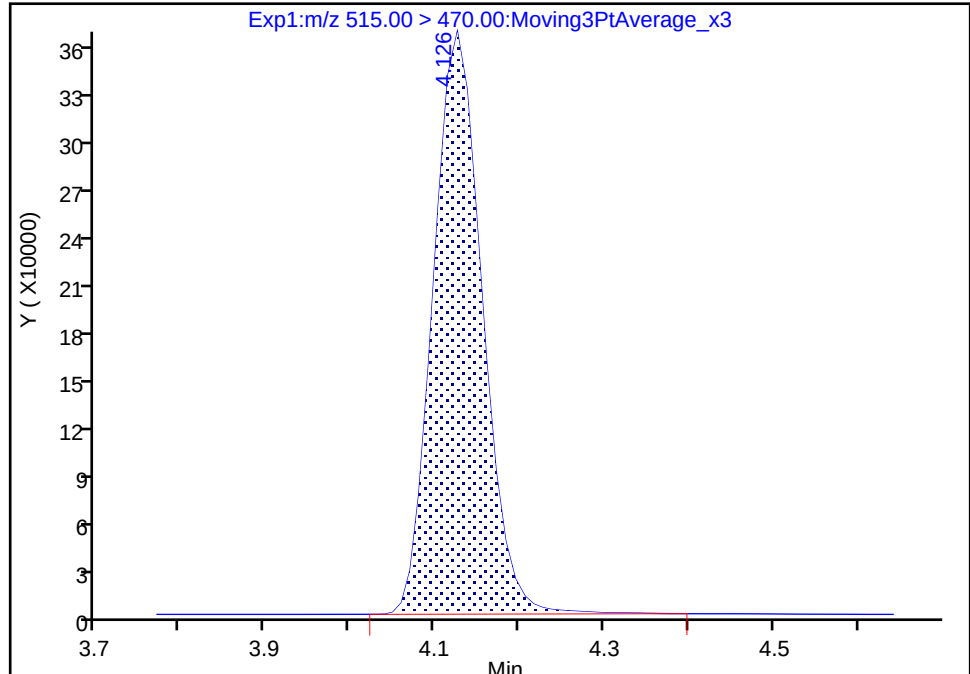
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 23 13C2 PFDA, CAS: STL00996

Signal: 1

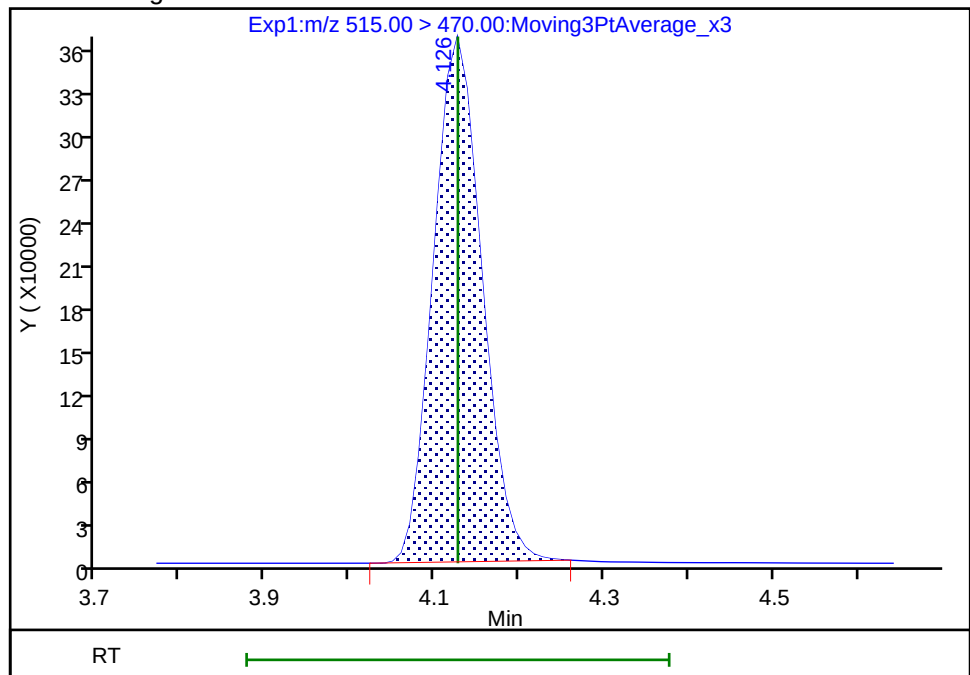
RT: 4.13
Area: 1490768
Amount: 1.239251
Amount Units: ng/ml

Processing Integration Results



RT: 4.13
Area: 1472294
Amount: 1.244951
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:20:52
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

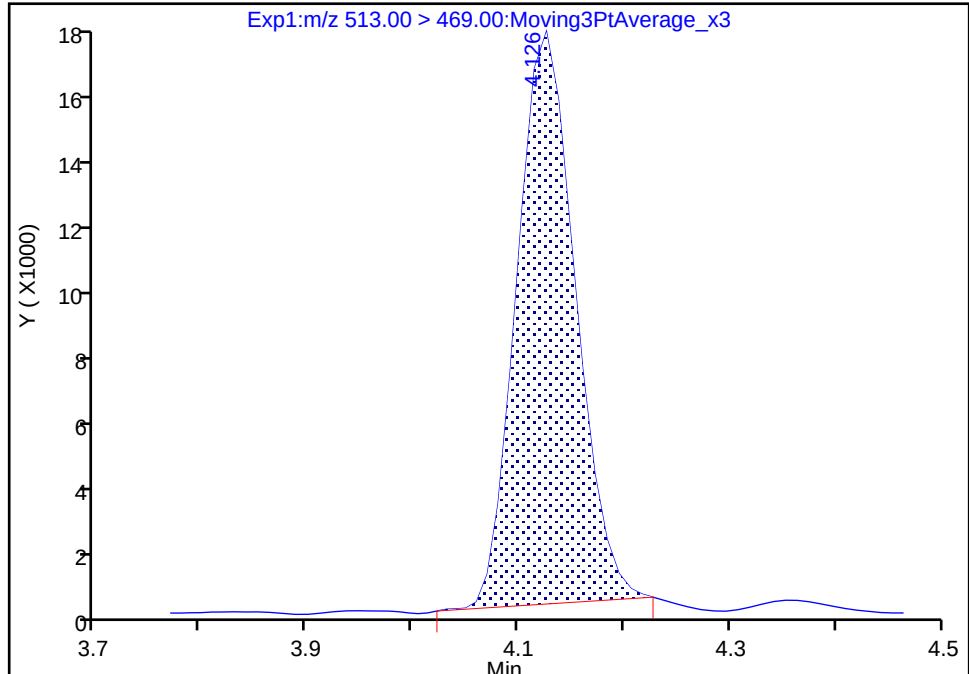
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

24 Perfluorodecanoic acid, CAS: 335-76-2

Signal: 1

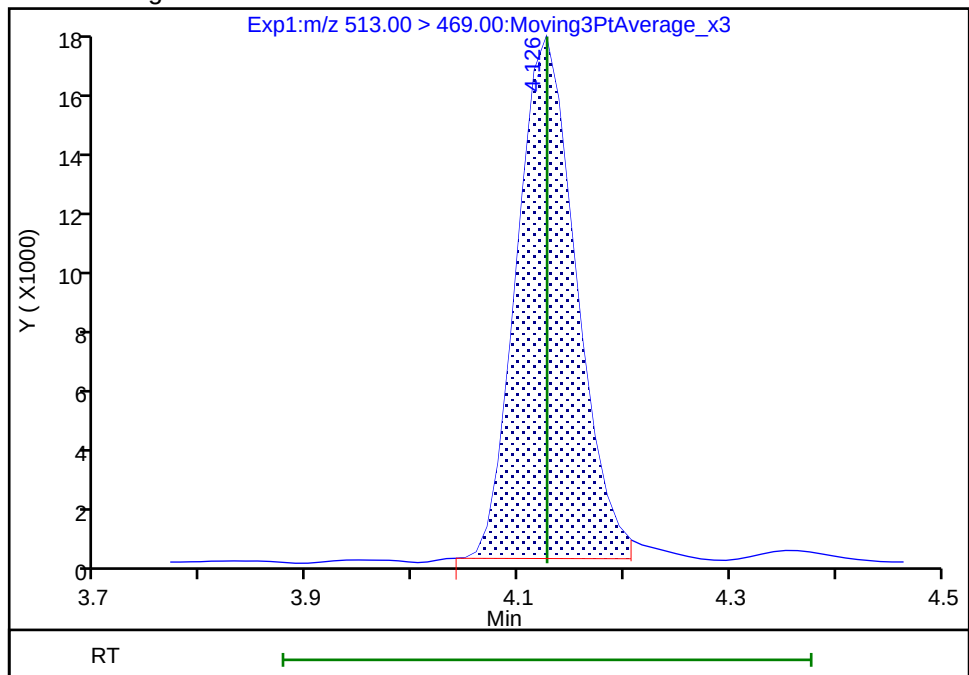
RT: 4.13
Area: 65117
Amount: 0.051710
Amount Units: ng/ml

Processing Integration Results



RT: 4.13
Area: 66374
Amount: 0.053582
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:21:02
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

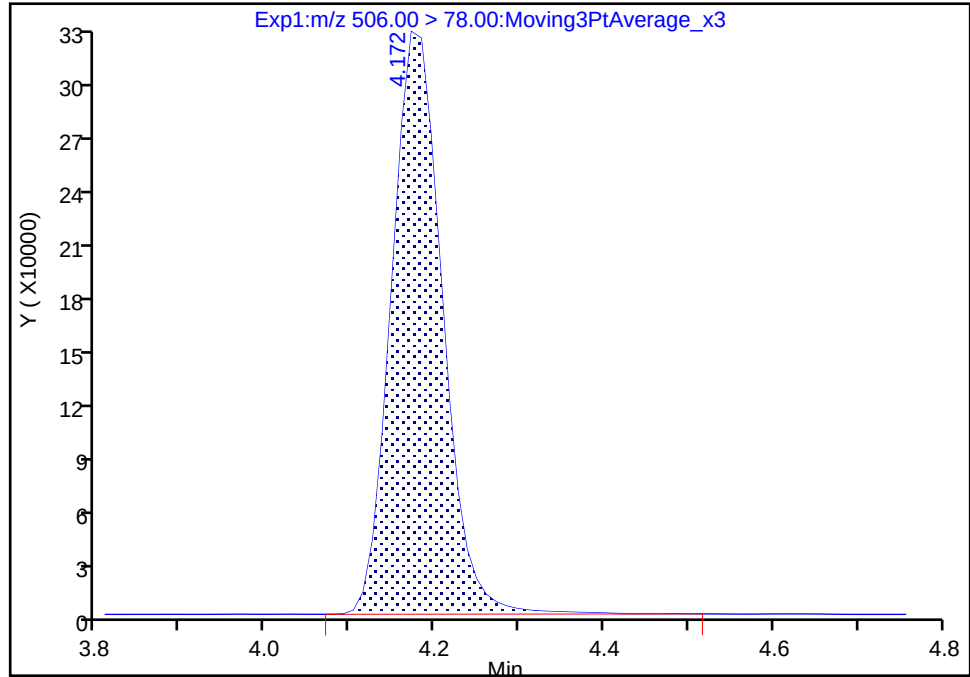
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 21 13C8 FOSA, CAS: STL01056

Signal: 1

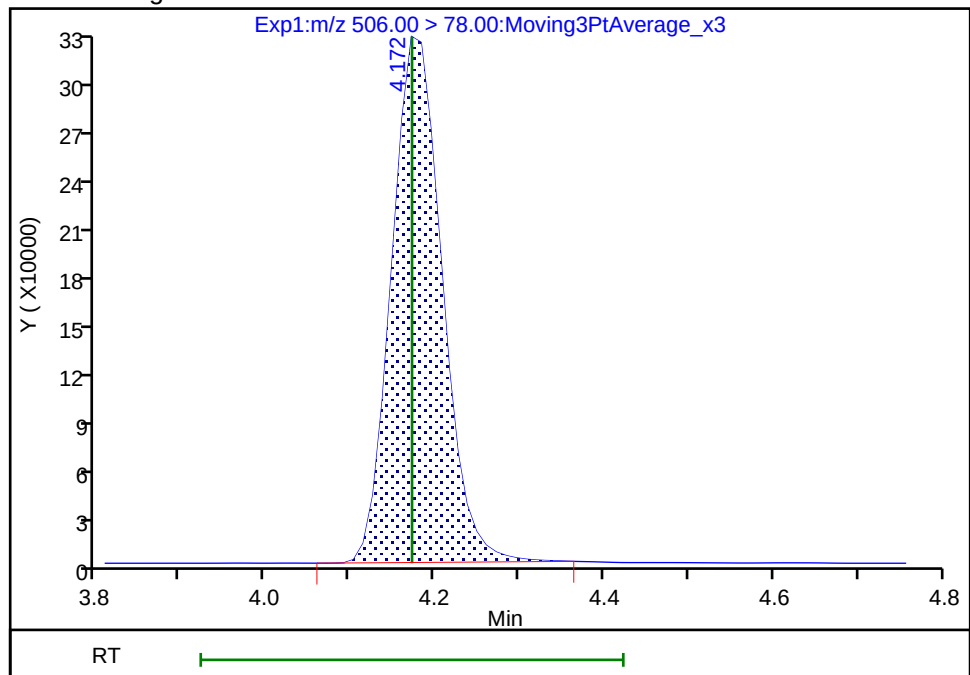
RT: 4.17
Area: 1362466
Amount: 1.053505
Amount Units: ng/ml

Processing Integration Results



RT: 4.17
Area: 1351035
Amount: 1.305284
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:21:12
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

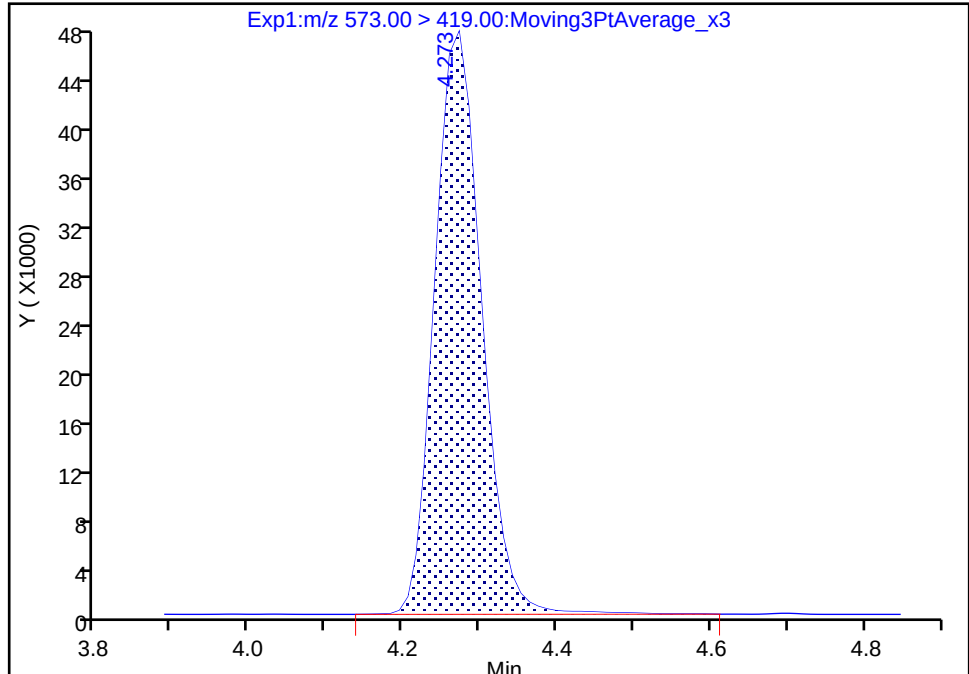
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 27 d3-NMeFOSAA, CAS: STL02118

Signal: 1

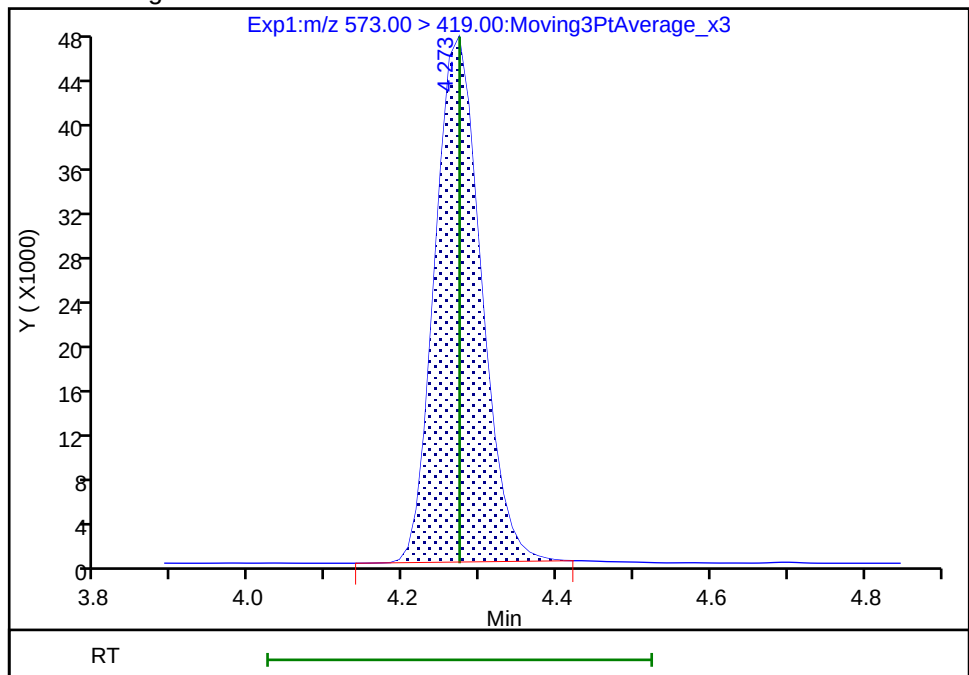
RT: 4.27
Area: 201995
Amount: 1.249595
Amount Units: ng/ml

Processing Integration Results



RT: 4.27
Area: 199141
Amount: 1.256352
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:21:18
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

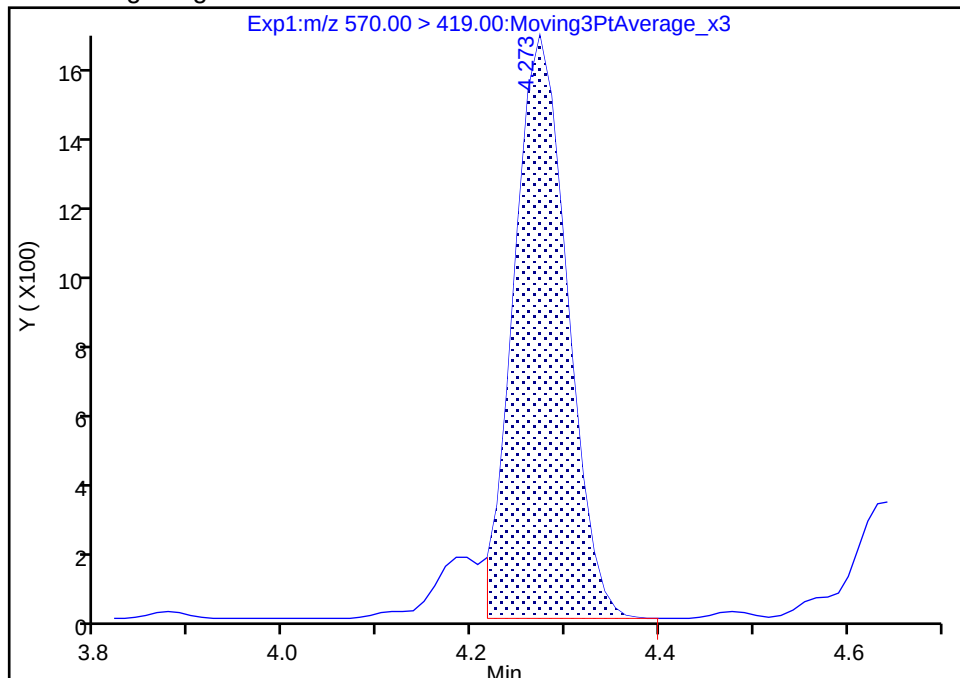
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

28 N-methylperfluorooctanesulfonami, CAS: 2355-31-9

Signal: 1

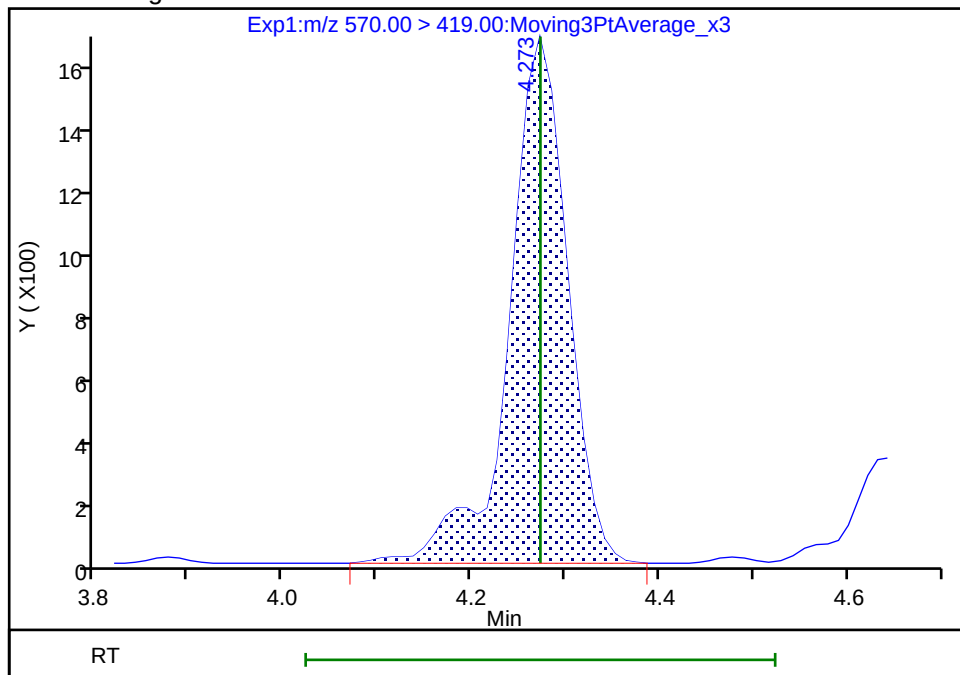
RT: 4.27
Area: 6352
Amount: 0.045097
Amount Units: ng/ml

Processing Integration Results



RT: 4.27
Area: 6986
Amount: 0.049375
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:21:26
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

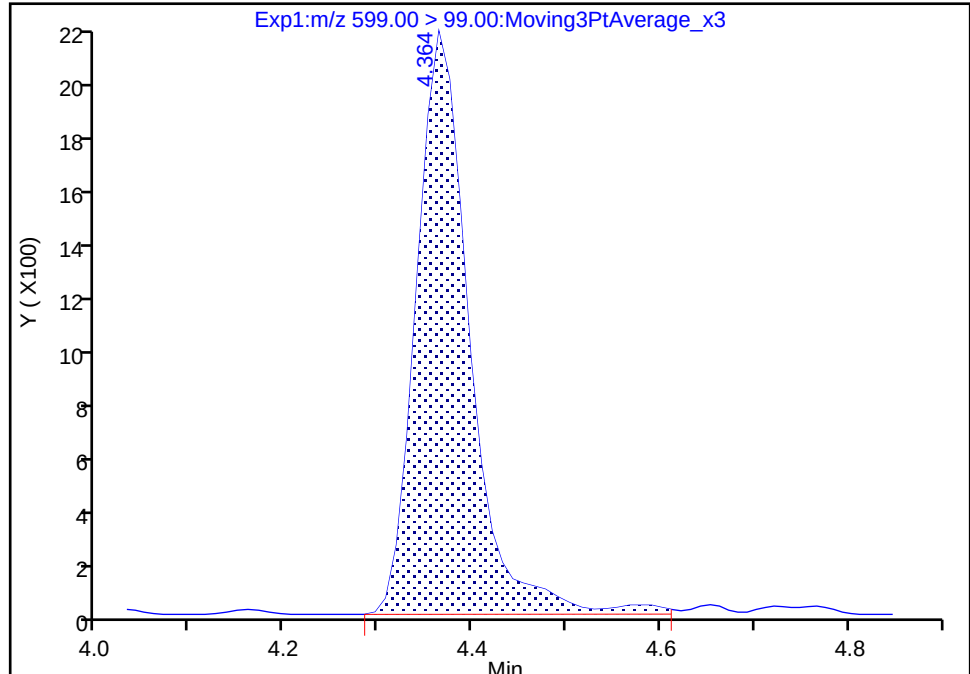
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

29 Perfluorodecanesulfonic acid, CAS: 335-77-3

Signal: 2

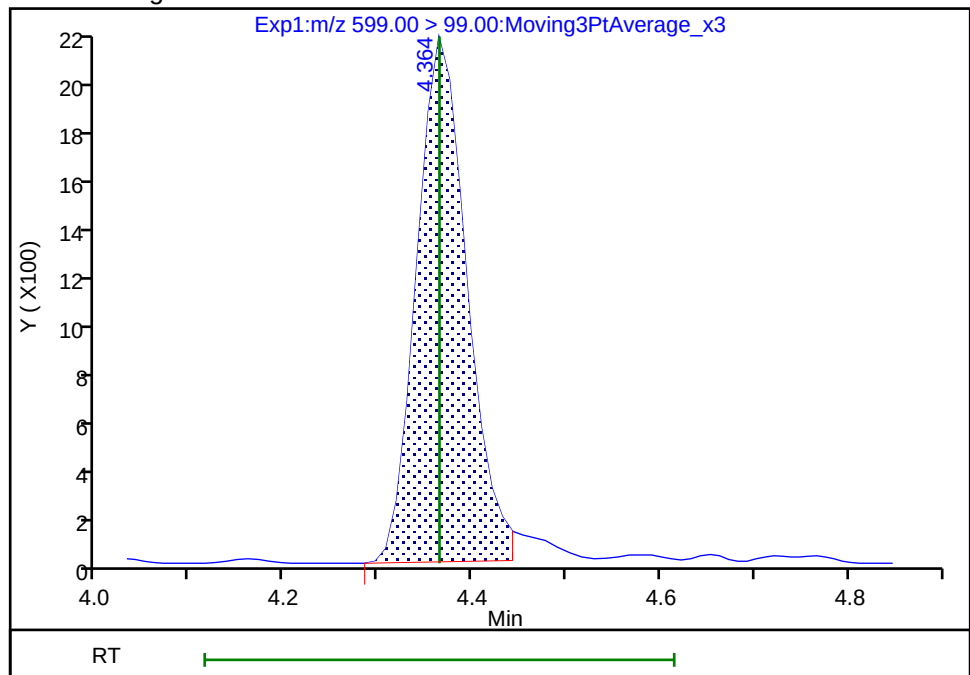
RT: 4.36
Area: 8338
Amount: 0.044558
Amount Units: ng/ml

Processing Integration Results



RT: 4.36
Area: 7794
Amount: 0.046559
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:21:50
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

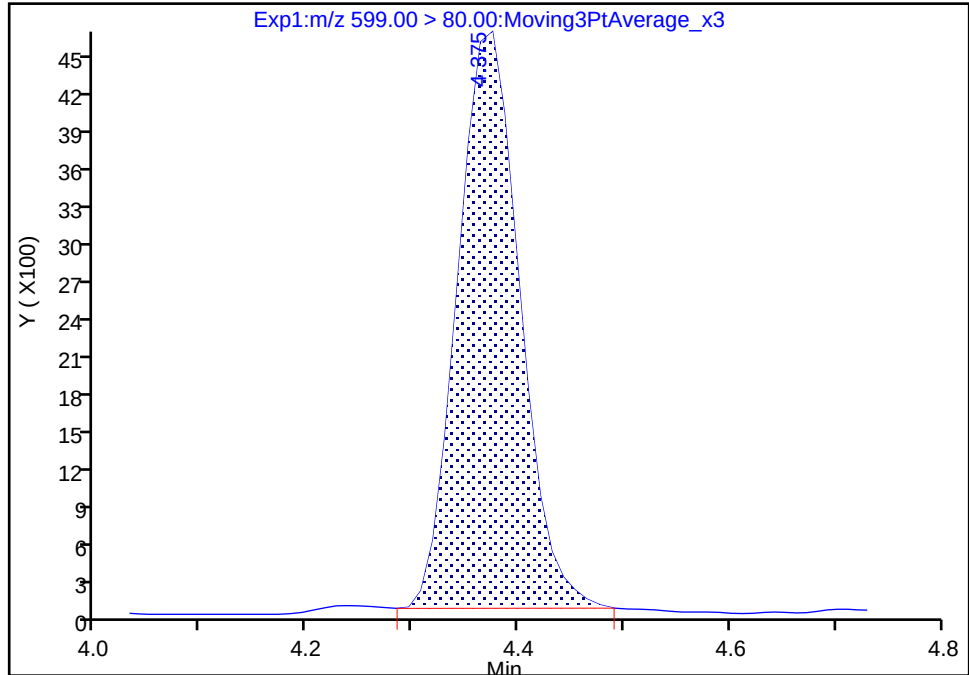
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

29 Perfluorodecanesulfonic acid, CAS: 335-77-3

Signal: 1

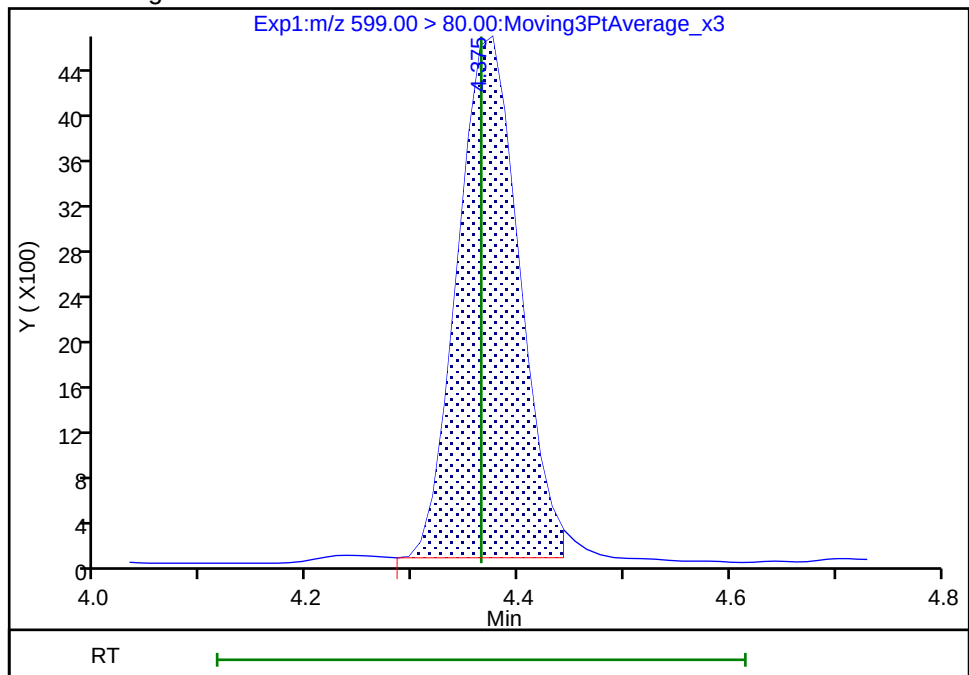
RT: 4.38
Area: 18747
Amount: 0.044558
Amount Units: ng/ml

Processing Integration Results



RT: 4.38
Area: 18501
Amount: 0.046559
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:21:54

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

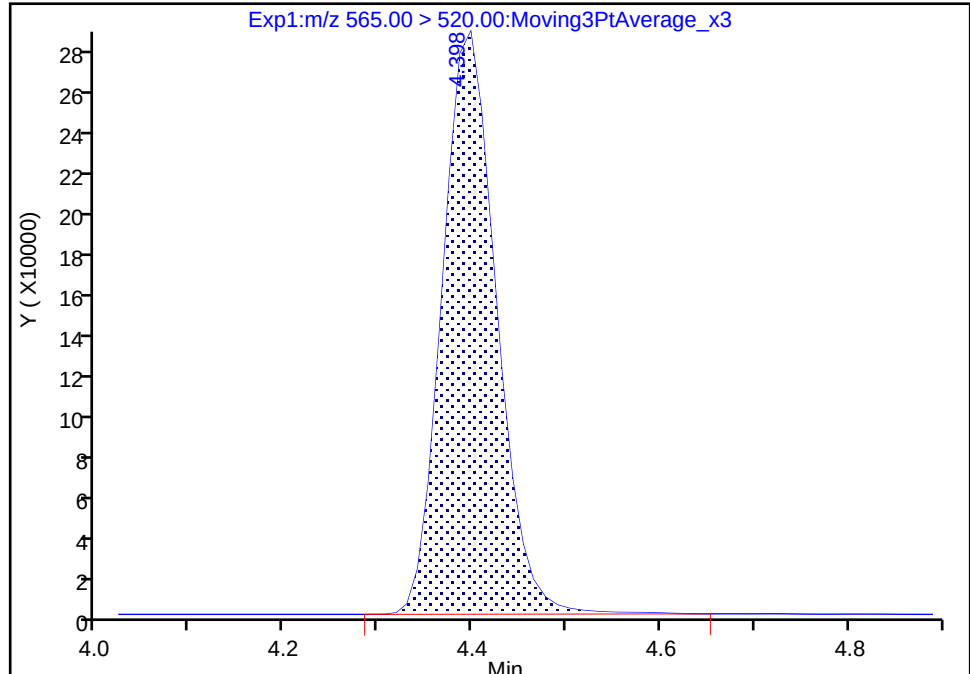
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 30 13C2 PFUnA, CAS: STL00997

Signal: 1

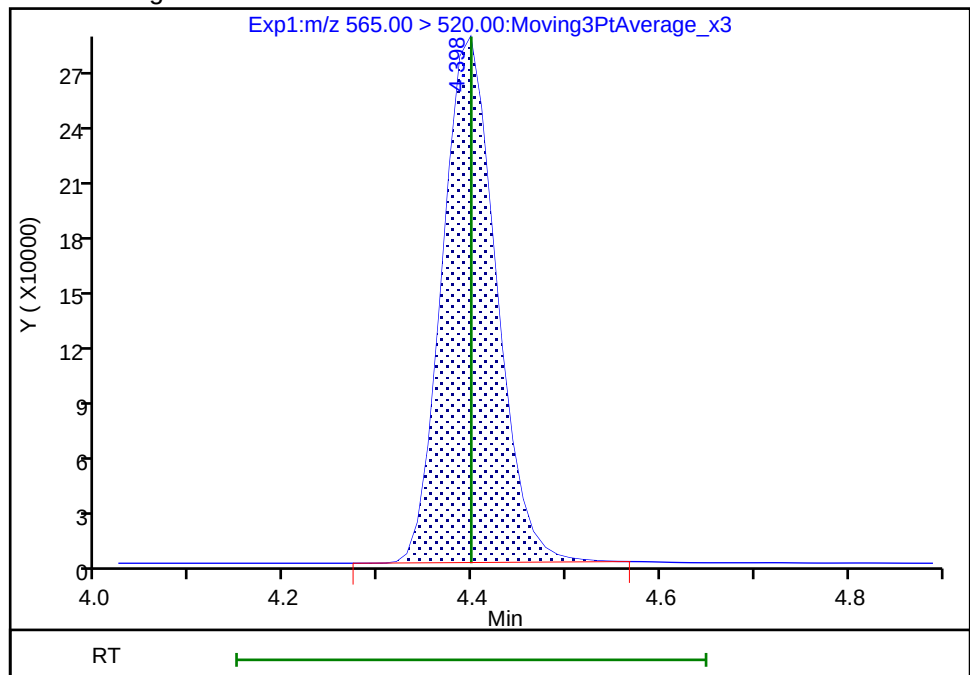
RT: 4.40
Area: 1133869
Amount: 1.168747
Amount Units: ng/ml

Processing Integration Results



RT: 4.40
Area: 1125897
Amount: 1.256529
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:21:59
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

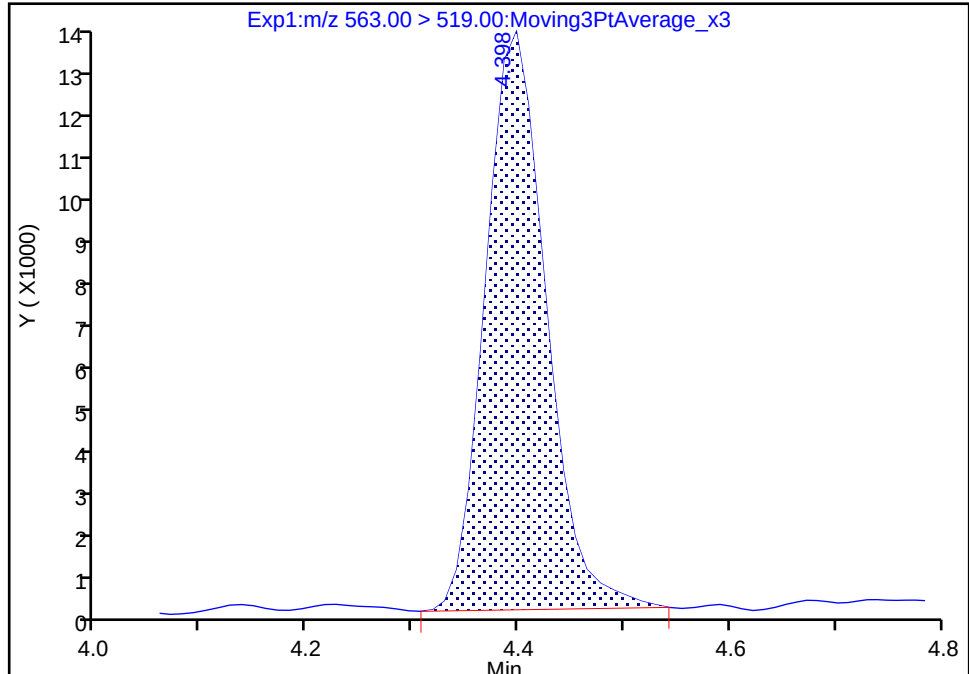
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

31 Perfluoroundecanoic acid, CAS: 2058-94-8

Signal: 1

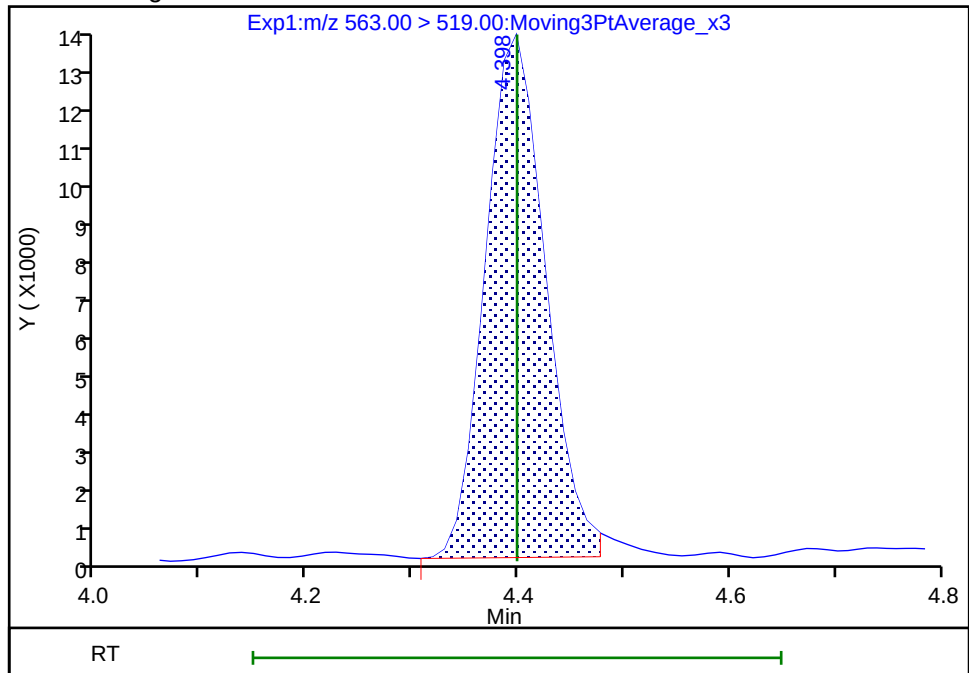
RT: 4.40
Area: 53321
Amount: 0.056988
Amount Units: ng/ml

Processing Integration Results



RT: 4.40
Area: 52491
Amount: 0.055007
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:22:30
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

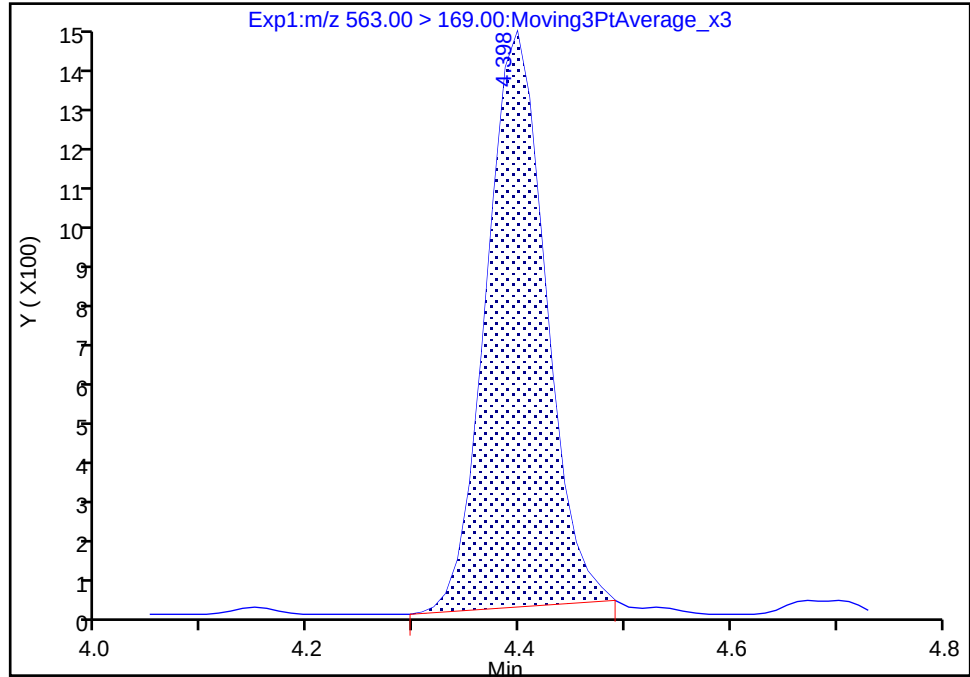
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

31 Perfluoroundecanoic acid, CAS: 2058-94-8

Signal: 2

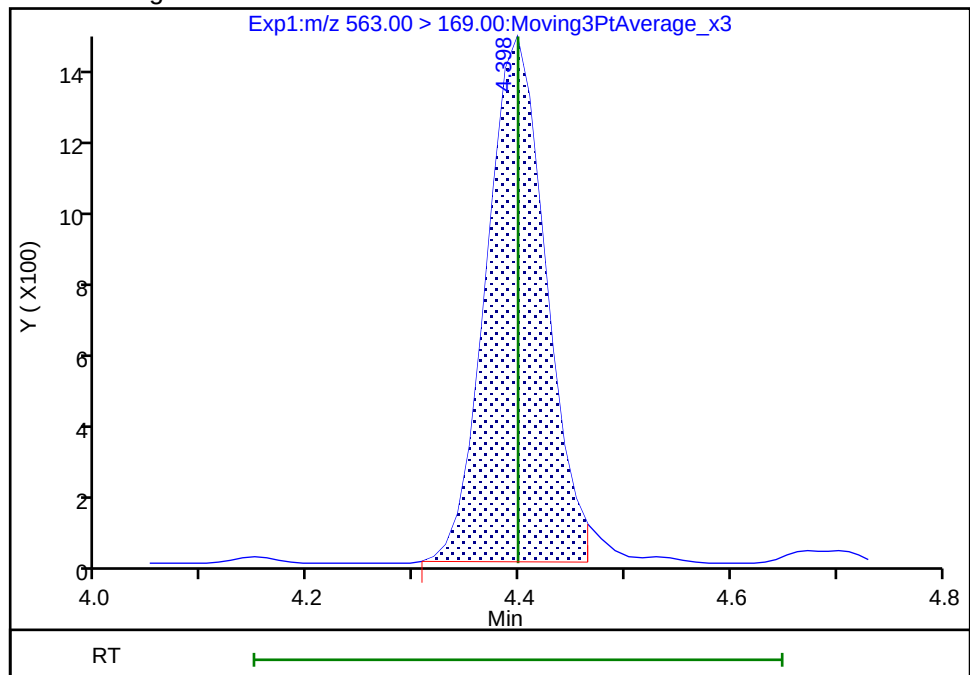
RT: 4.40
Area: 5636
Amount: 0.056988
Amount Units: ng/ml

Processing Integration Results



RT: 4.40
Area: 5695
Amount: 0.055007
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:22:33

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

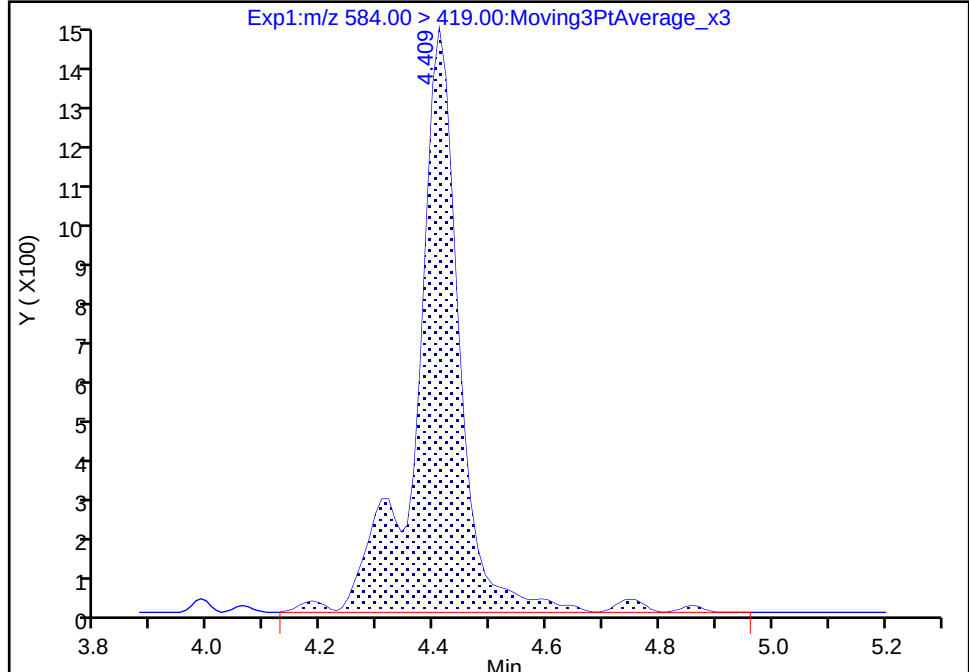
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

33 N-ethylperfluorooctanesulfonamid, CAS: 2991-50-6

Signal: 1

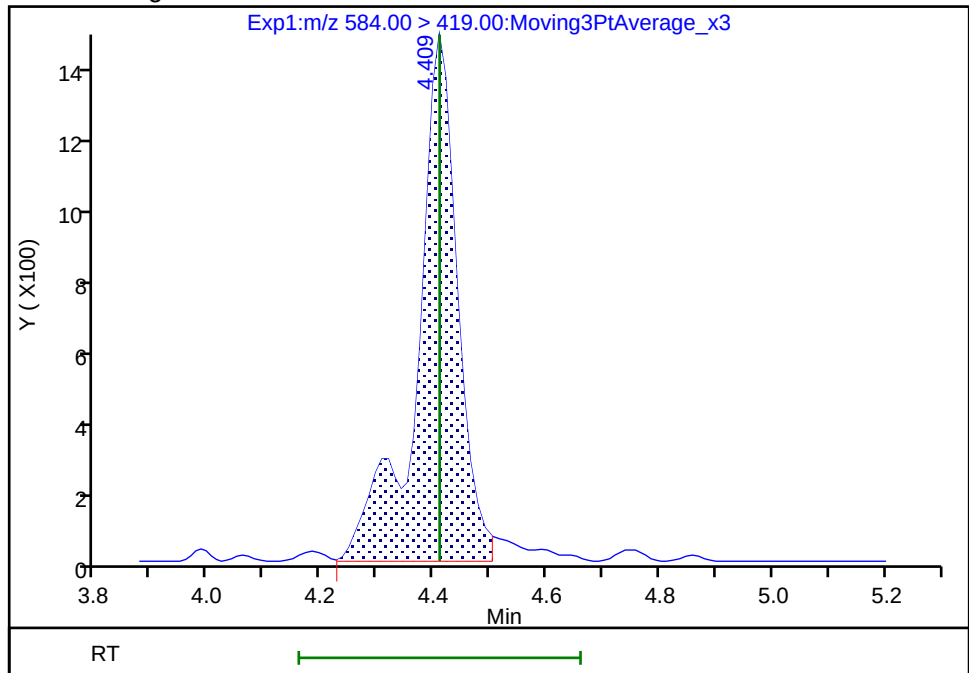
RT: 4.41
Area: 7838
Amount: 0.054012
Amount Units: ng/ml

Processing Integration Results



RT: 4.41
Area: 7270
Amount: 0.051550
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:23:52
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

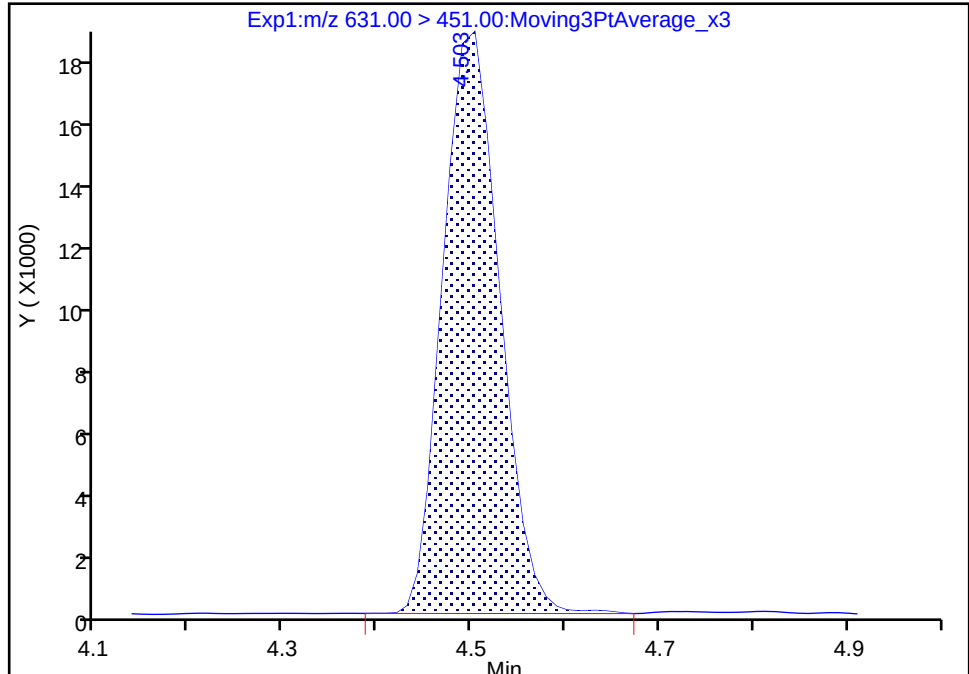
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

66 11-Chloroeicosafluoro-3-oxaundec, CAS: 763051-92-9

Signal: 1

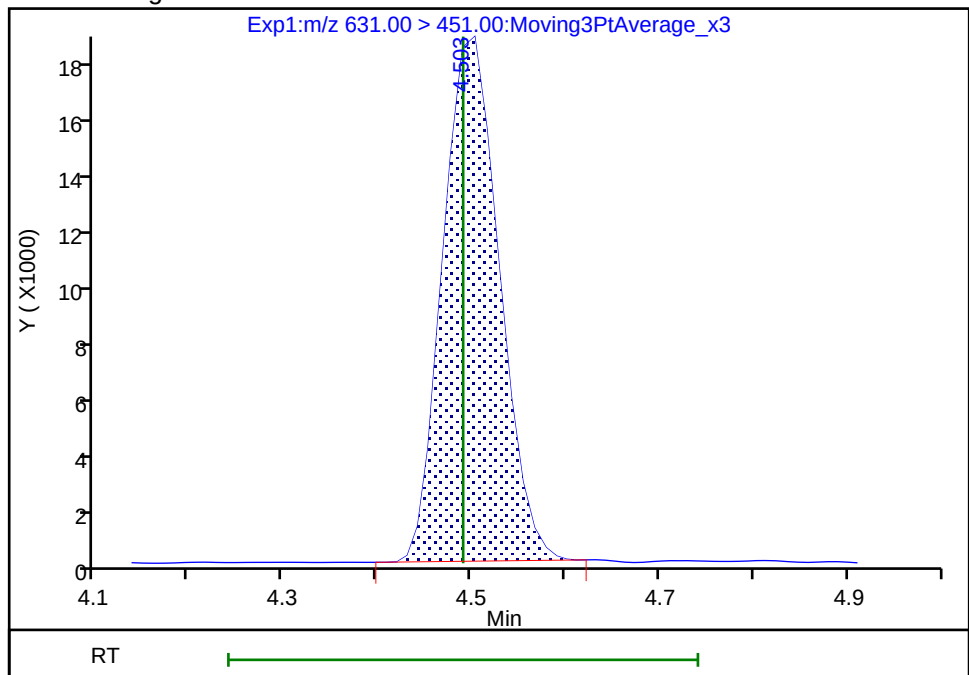
RT: 4.50
Area: 78300
Amount: 0.047528
Amount Units: ng/ml

Processing Integration Results



RT: 4.50
Area: 77476
Amount: 0.049410
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:23:58
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

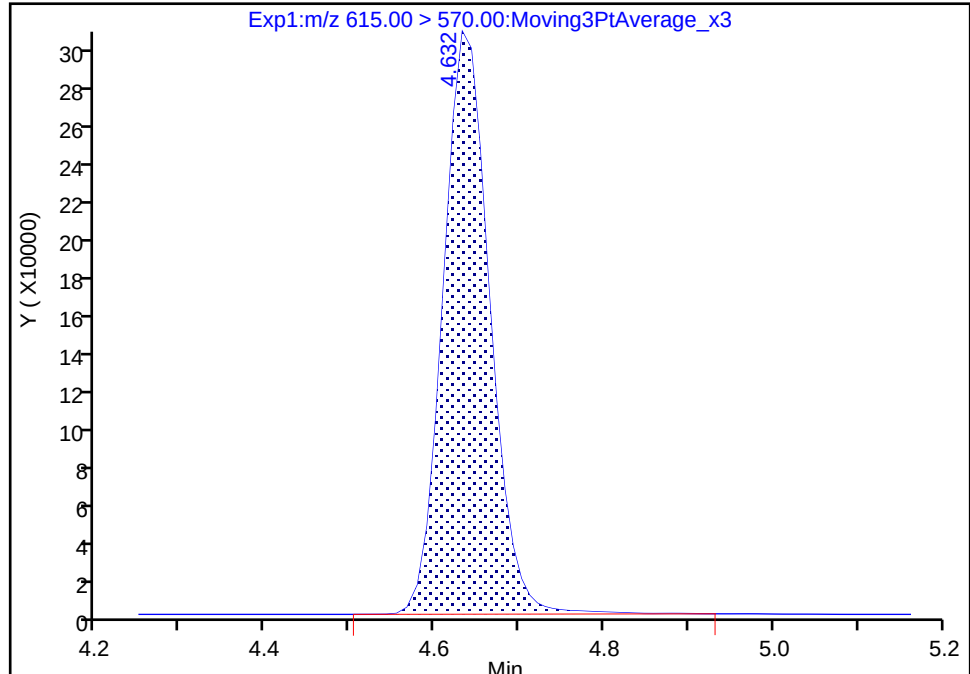
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 36 13C2 PFD_oA, CAS: STL00998

Signal: 1

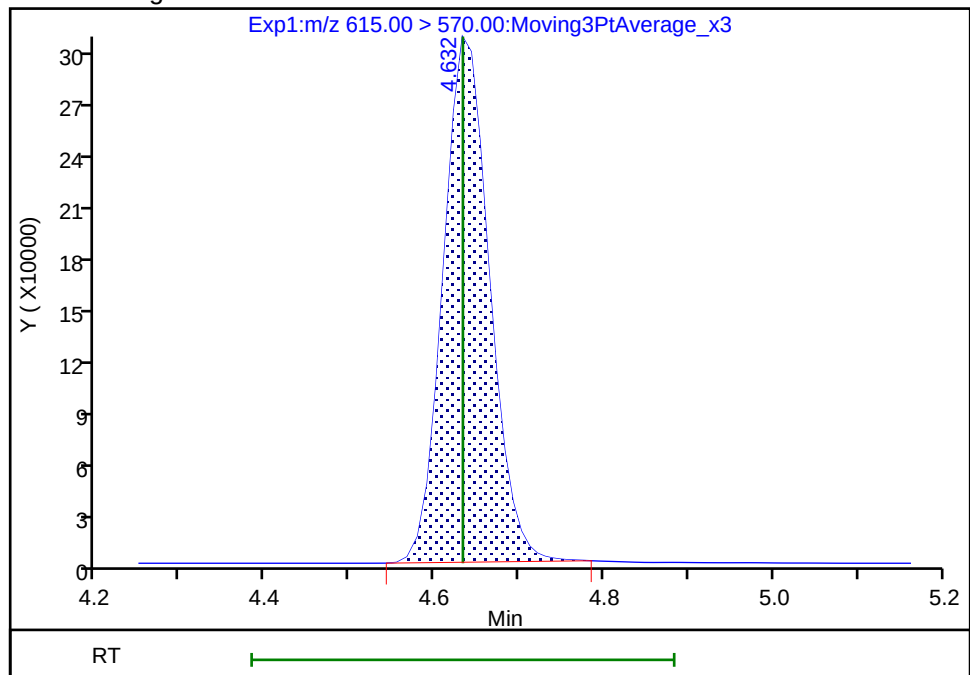
RT: 4.63
Area: 1167134
Amount: 1.145222
Amount Units: ng/ml

Processing Integration Results



RT: 4.63
Area: 1154380
Amount: 1.243259
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:24:02

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

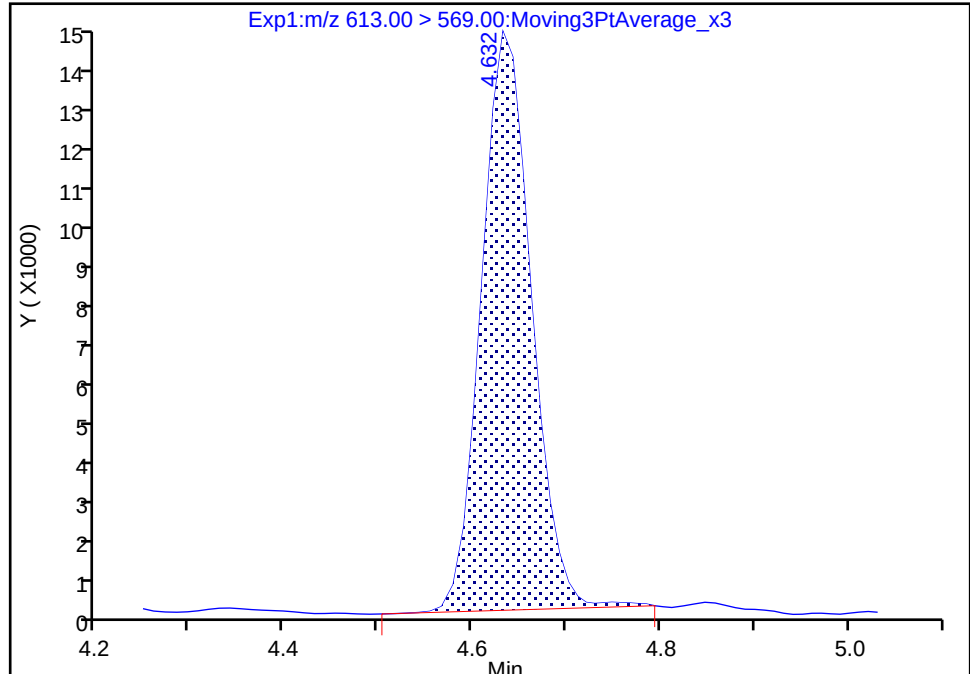
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

37 Perfluorododecanoic acid, CAS: 307-55-1

Signal: 1

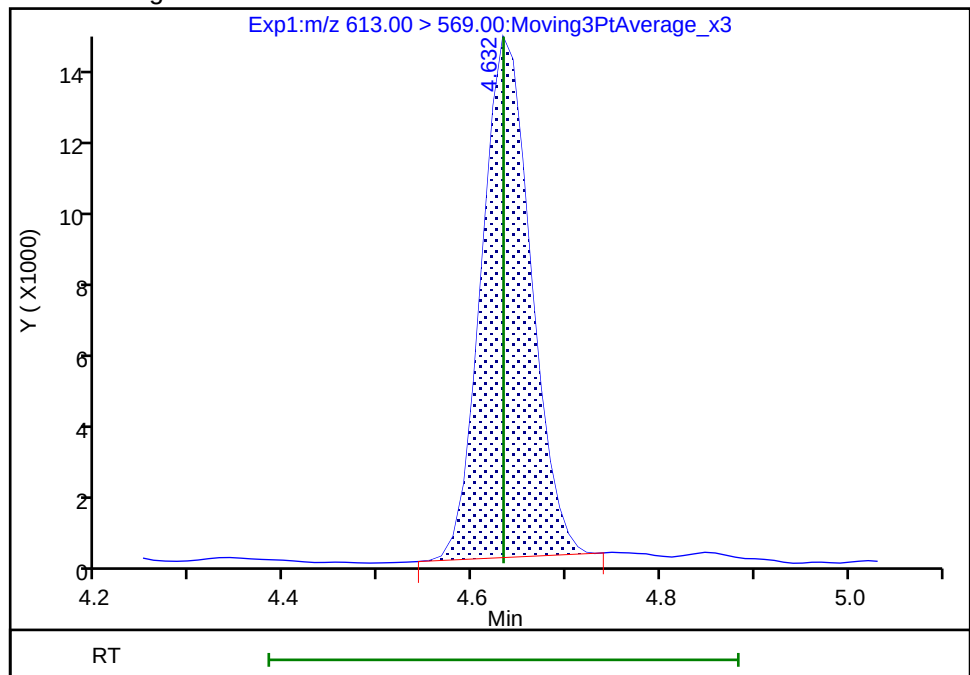
RT: 4.63
Area: 51071
Amount: 0.053596
Amount Units: ng/ml

Processing Integration Results



RT: 4.63
Area: 50149
Amount: 0.053546
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:24:07
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

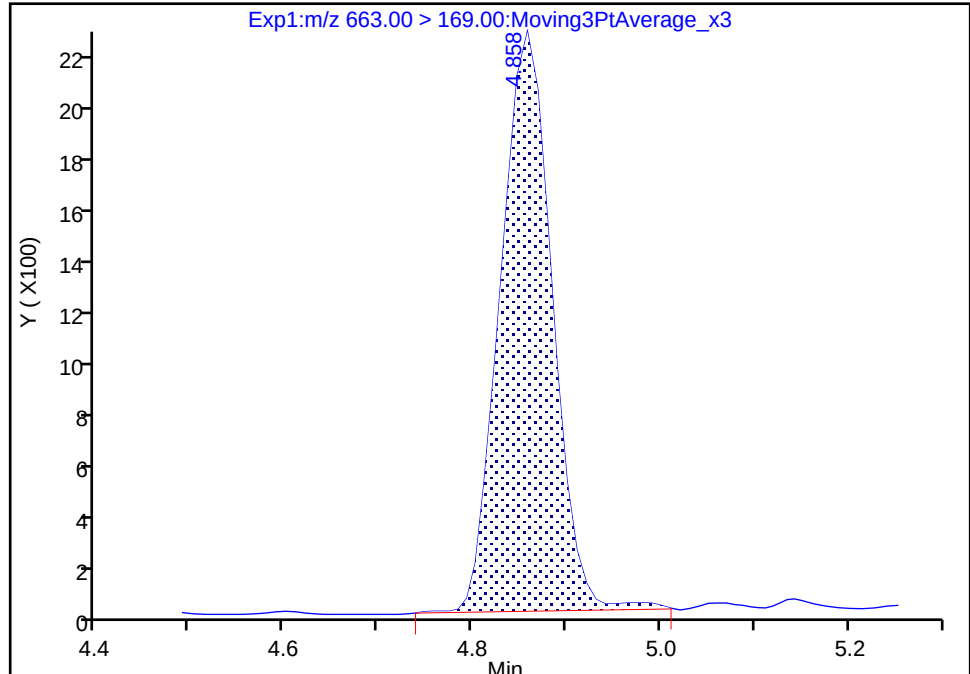
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

41 Perfluorotridecanoic acid, CAS: 72629-94-8

Signal: 2

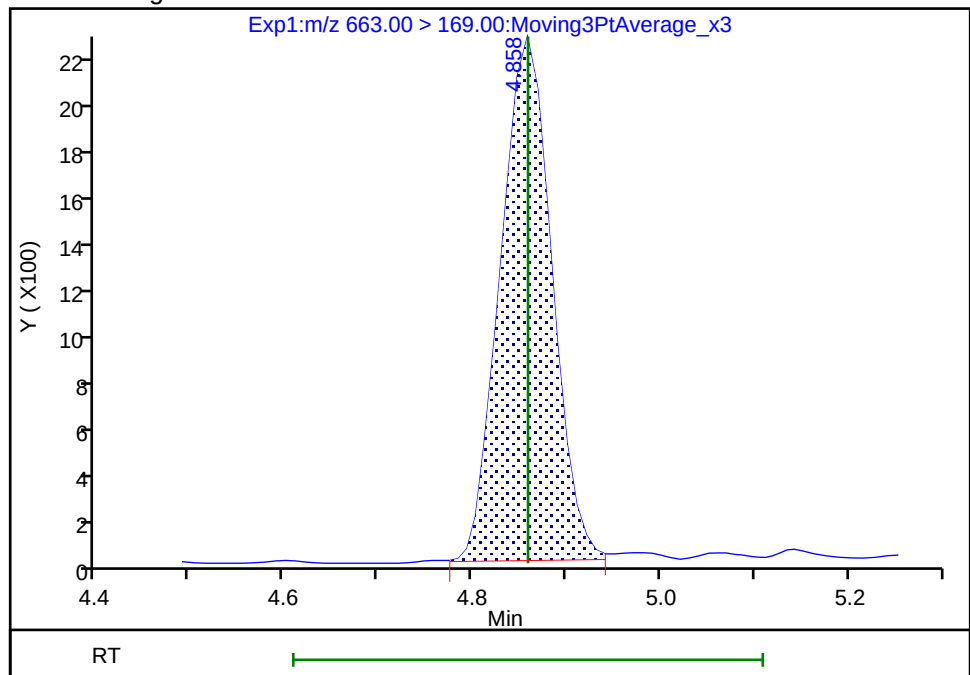
RT: 4.86
Area: 8618
Amount: 0.055810
Amount Units: ng/ml

Processing Integration Results



RT: 4.86
Area: 8523
Amount: 0.054605
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:24:32

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

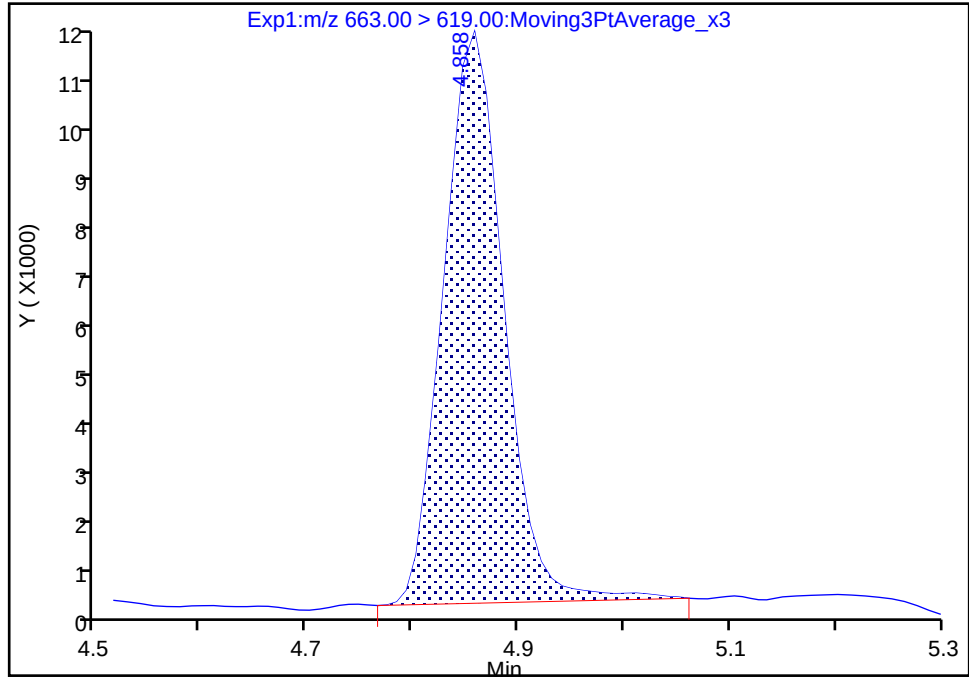
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

41 Perfluorotridecanoic acid, CAS: 72629-94-8

Signal: 1

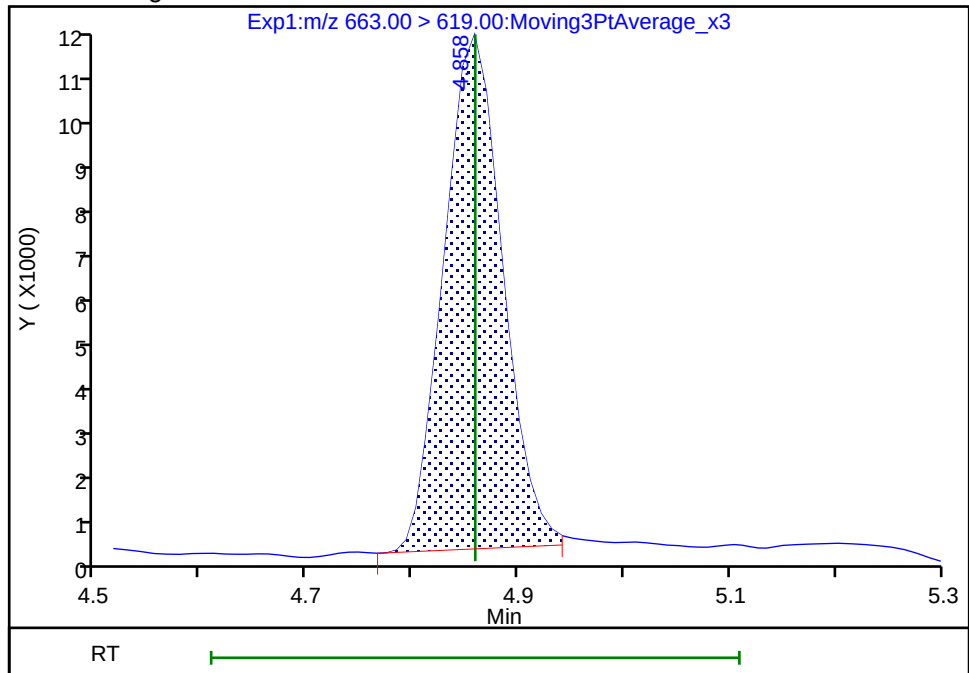
RT: 4.86
Area: 45775
Amount: 0.055810
Amount Units: ng/ml

Processing Integration Results



RT: 4.86
Area: 44332
Amount: 0.054605
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:24:37

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

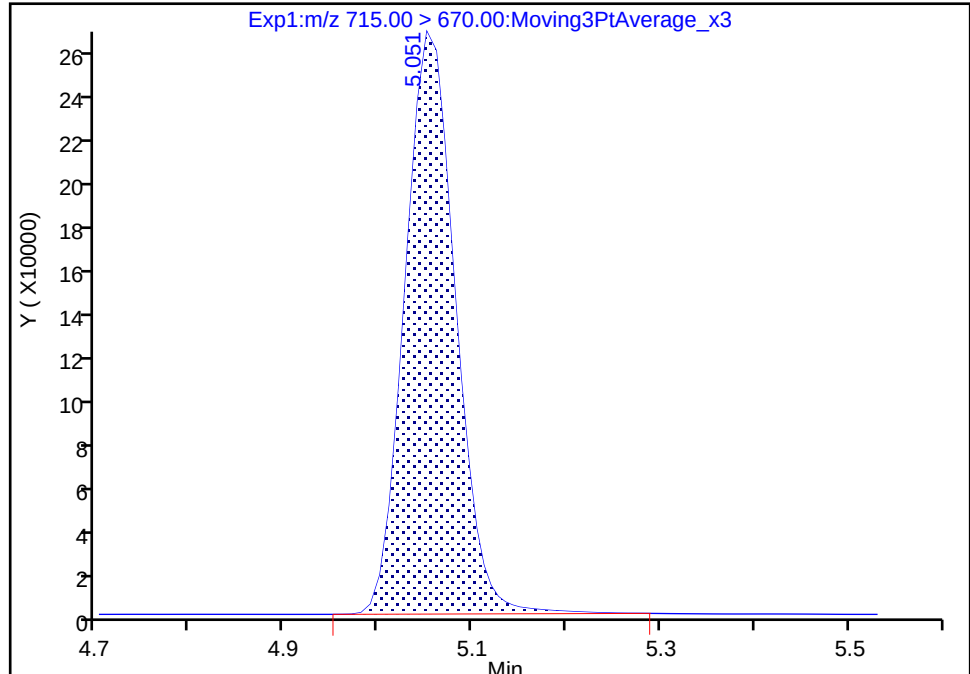
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 43 13C2 PFTeDA, CAS: STL02116

Signal: 1

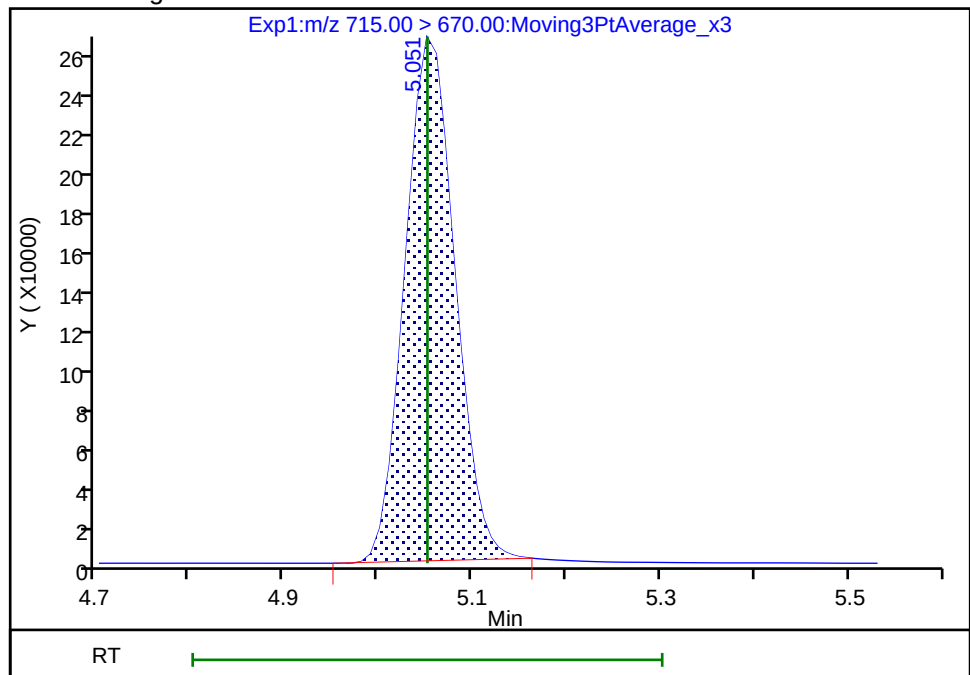
RT: 5.05
Area: 984371
Amount: 1.176053
Amount Units: ng/ml

Processing Integration Results



RT: 5.05
Area: 964763
Amount: 1.271045
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:25:06

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d

Injection Date: 03-Aug-2022 13:00:16

Instrument ID: LC812

Lims ID: IC

Client ID:

Operator ID: lc812tech

ALS Bottle#:

2

Worklist Smp#: 5

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

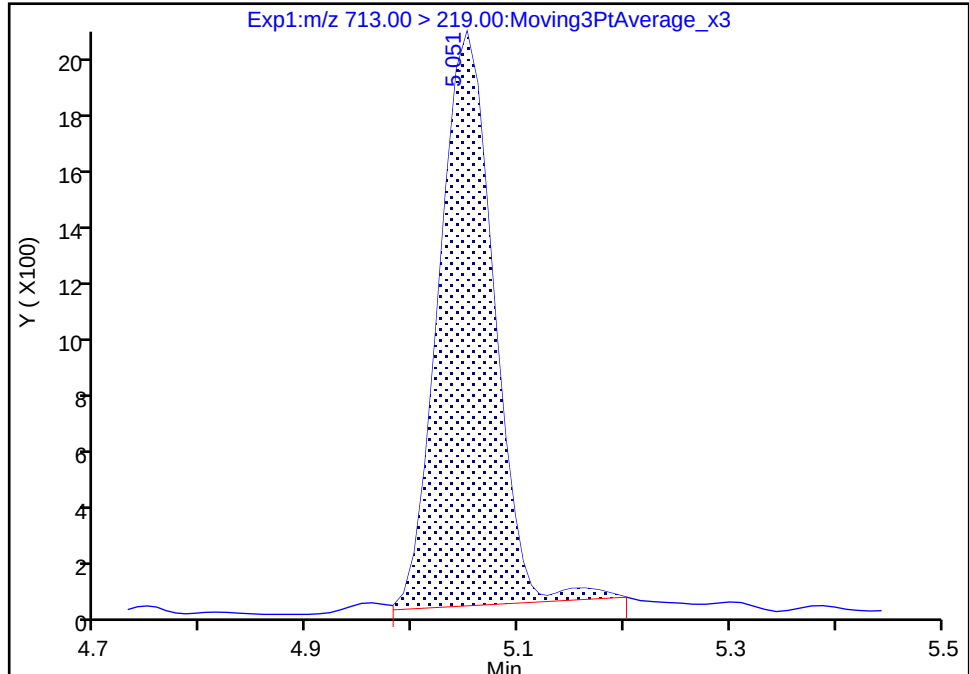
EXP1

42 Perfluorotetradecanoic acid, CAS: 376-06-7

Signal: 2

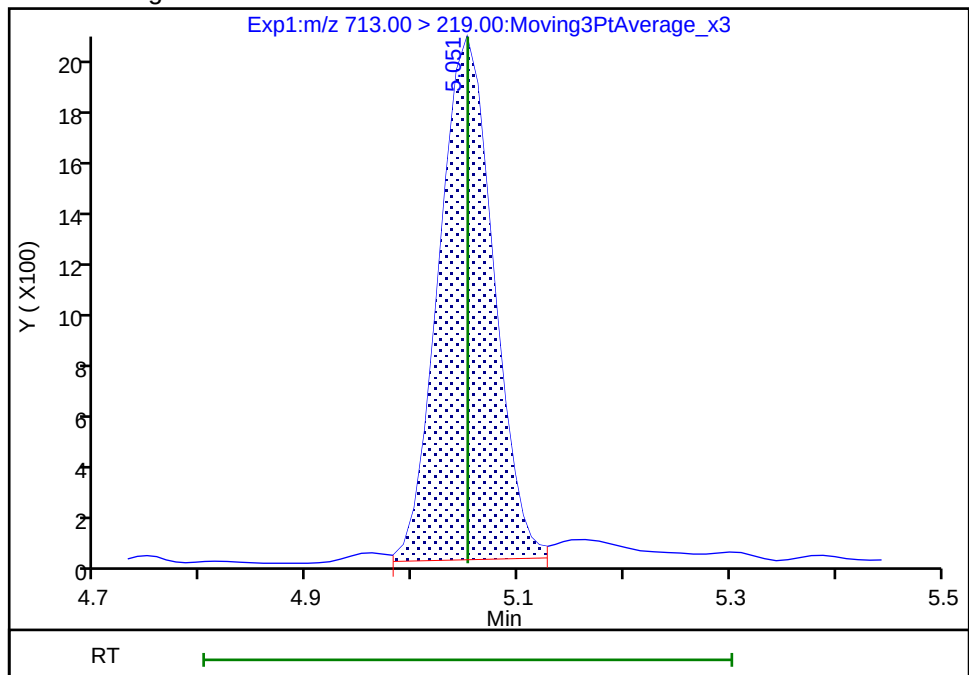
RT: 5.05
Area: 7341
Amount: 0.053800
Amount Units: ng/ml

Processing Integration Results



RT: 5.05
Area: 7362
Amount: 0.054152
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:24:53

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

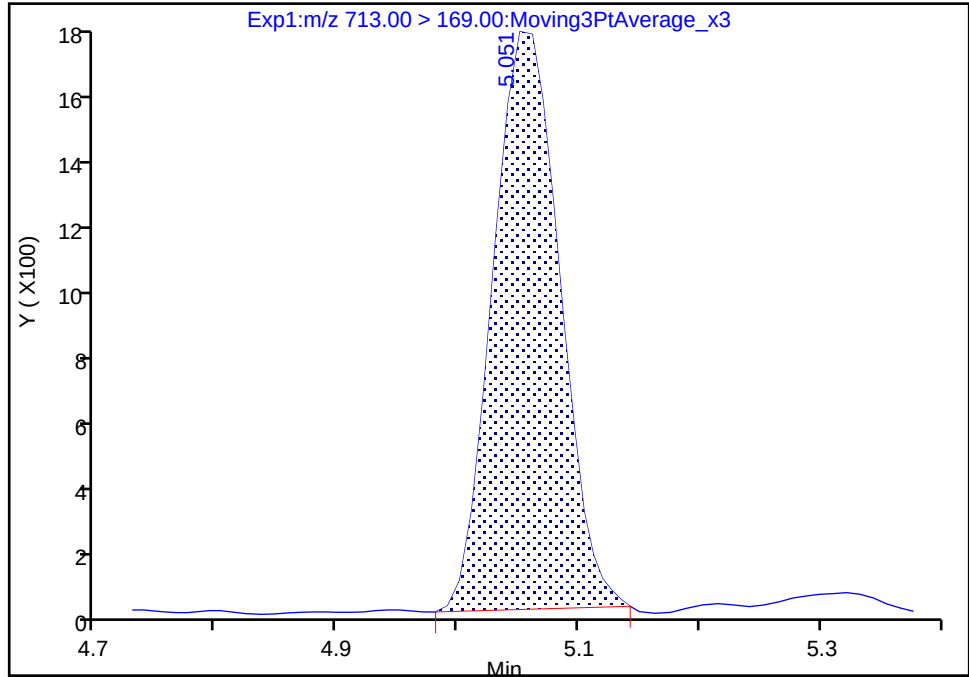
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

42 Perfluorotetradecanoic acid, CAS: 376-06-7

Signal: 1

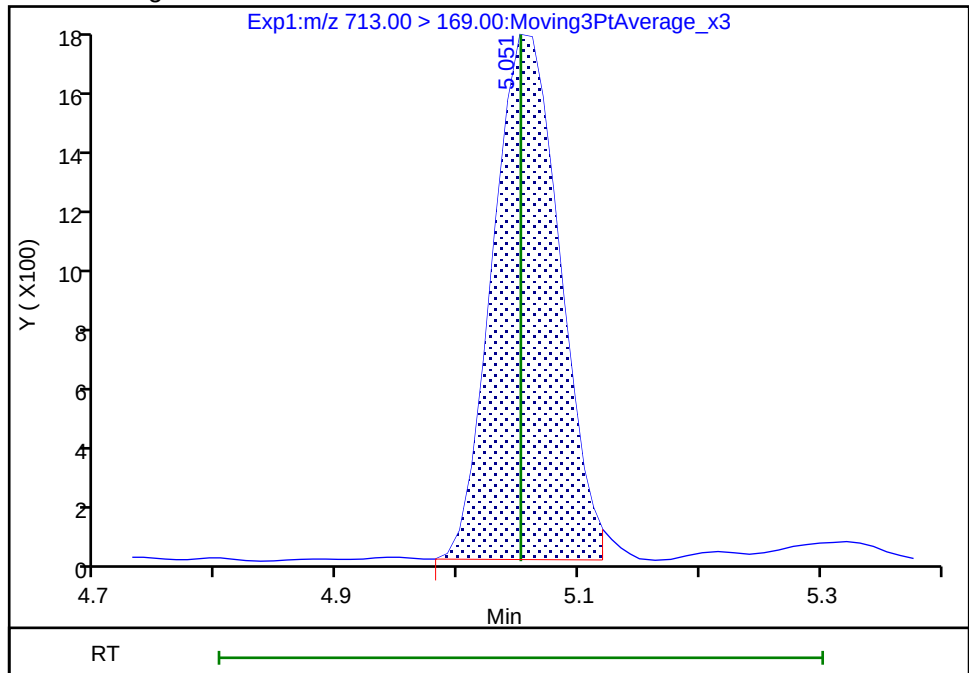
RT: 5.05
Area: 6674
Amount: 0.053800
Amount Units: ng/ml

Processing Integration Results



RT: 5.05
Area: 6696
Amount: 0.054152
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:25:02

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

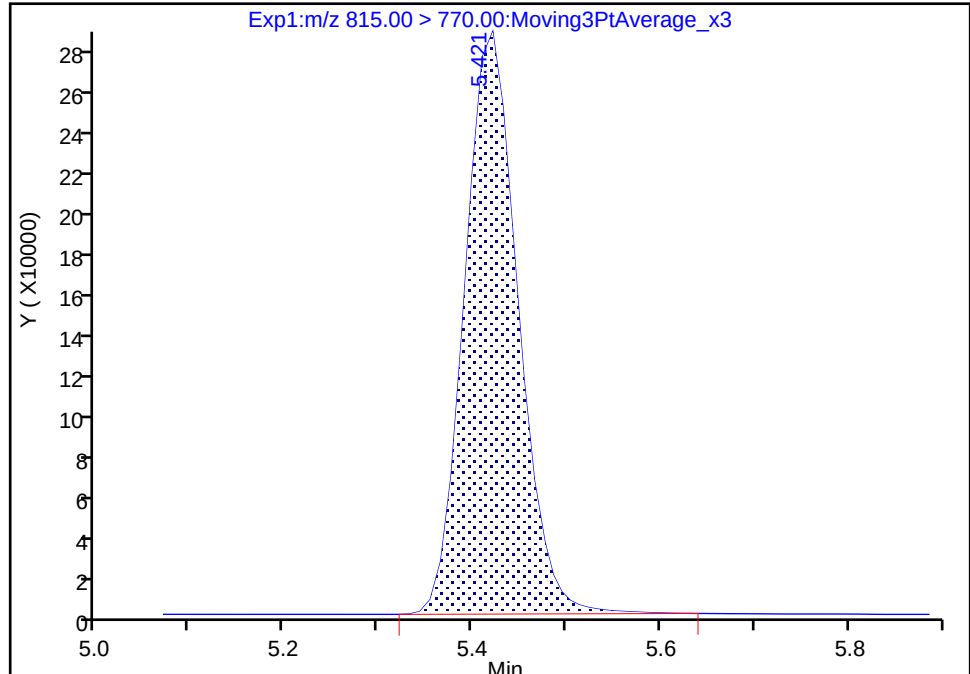
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 44 13C2 PFHxDA, CAS: STL02115

Signal: 1

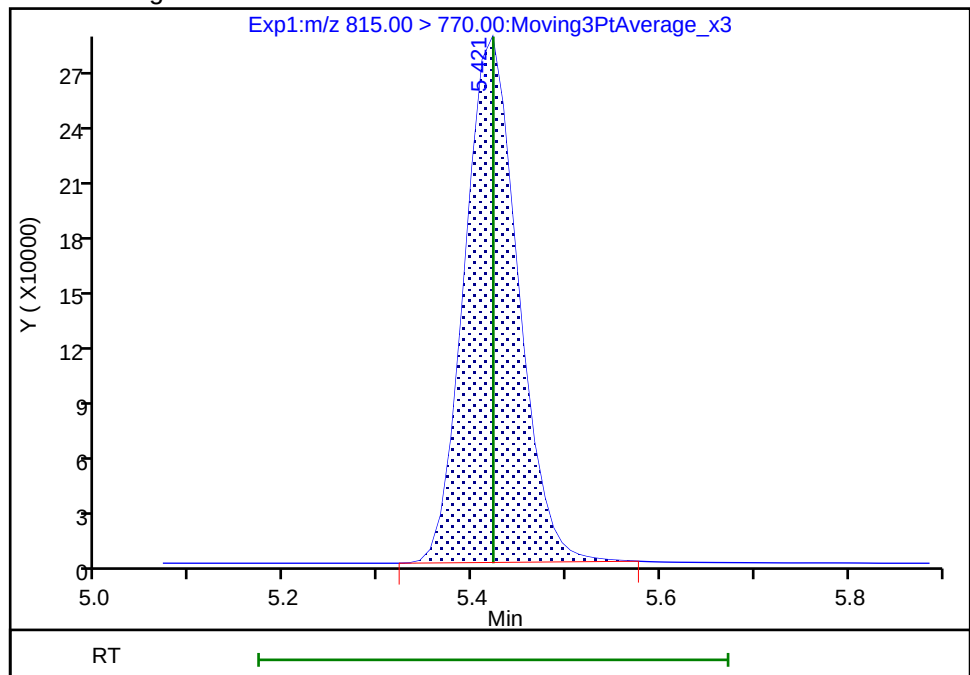
RT: 5.42
Area: 1135397
Amount: 1.284526
Amount Units: ng/ml

Processing Integration Results



RT: 5.42
Area: 1128787
Amount: 1.305511
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:25:13
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

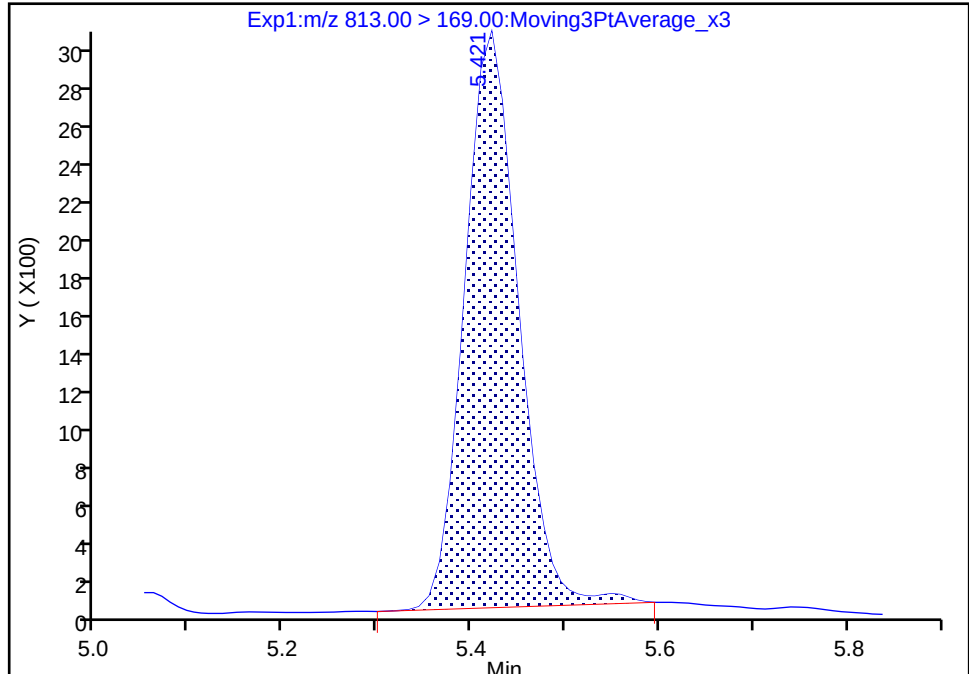
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

45 Perfluorohexadecanoic acid, CAS: 67905-19-5

Signal: 2

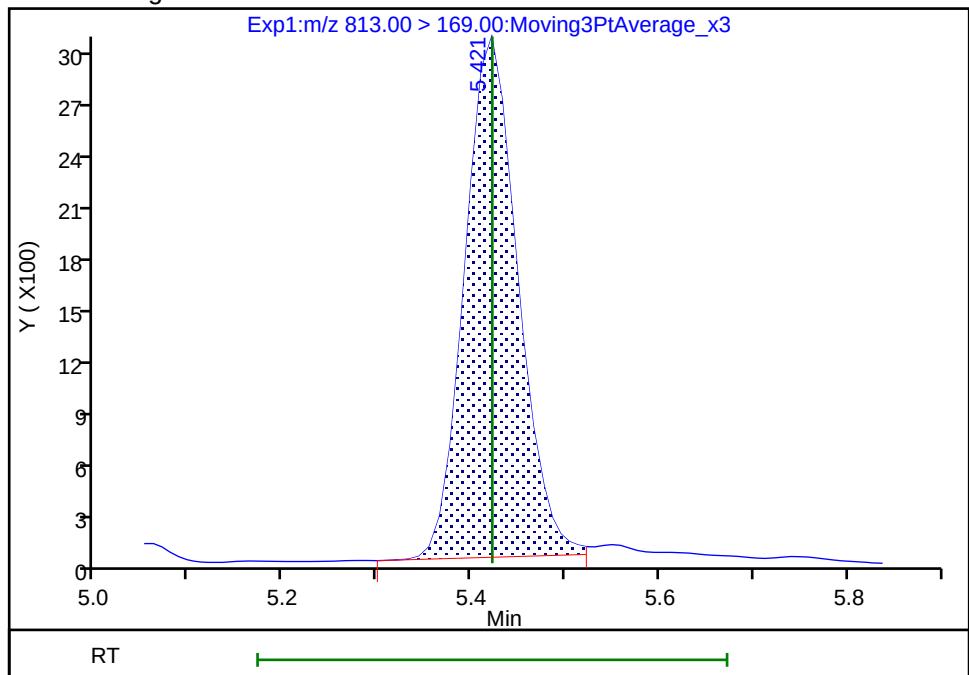
RT: 5.42
Area: 11997
Amount: 0.045585
Amount Units: ng/ml

Processing Integration Results



RT: 5.42
Area: 11856
Amount: 0.044361
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:25:43
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d

Injection Date: 03-Aug-2022 13:00:16

Instrument ID: LC812

Lims ID: IC

Client ID:

Operator ID: lc812tech

ALS Bottle#:

2

Worklist Smp#: 5

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

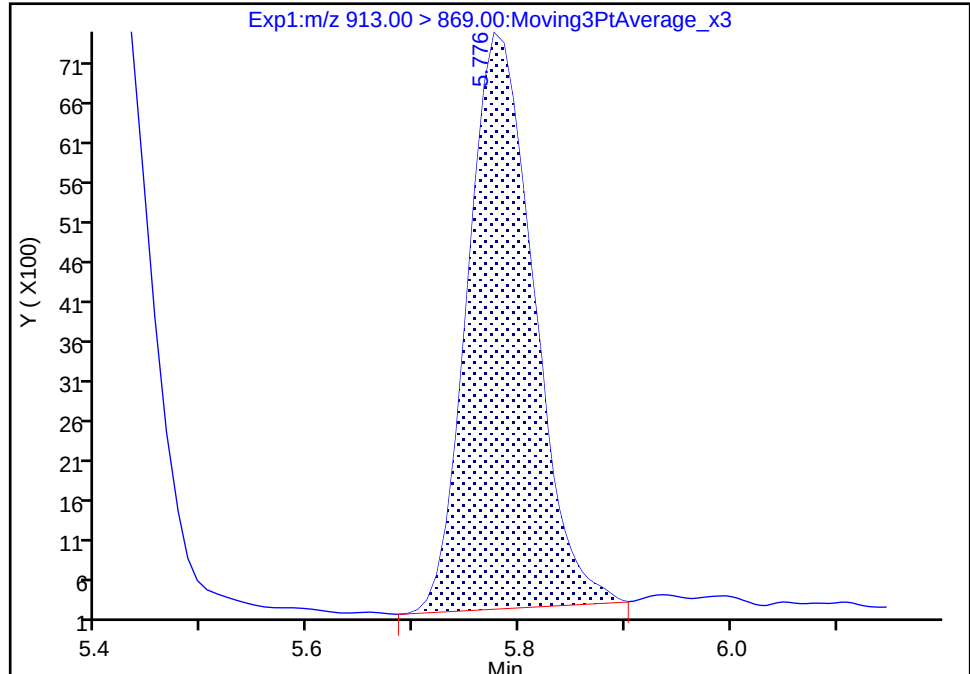
Detector: EXP1

46 Perfluorooctadecanoic acid, CAS: 16517-11-6

Signal: 1

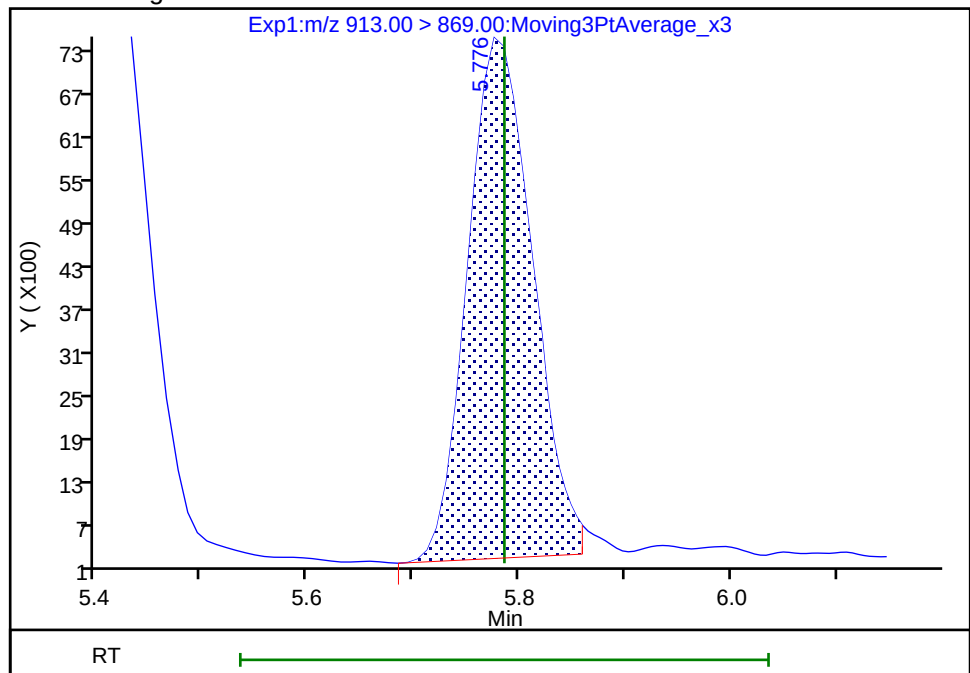
RT: 5.78
Area: 31050
Amount: 0.049381
Amount Units: ng/ml

Processing Integration Results



RT: 5.78
Area: 30589
Amount: 0.050946
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:26:02

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

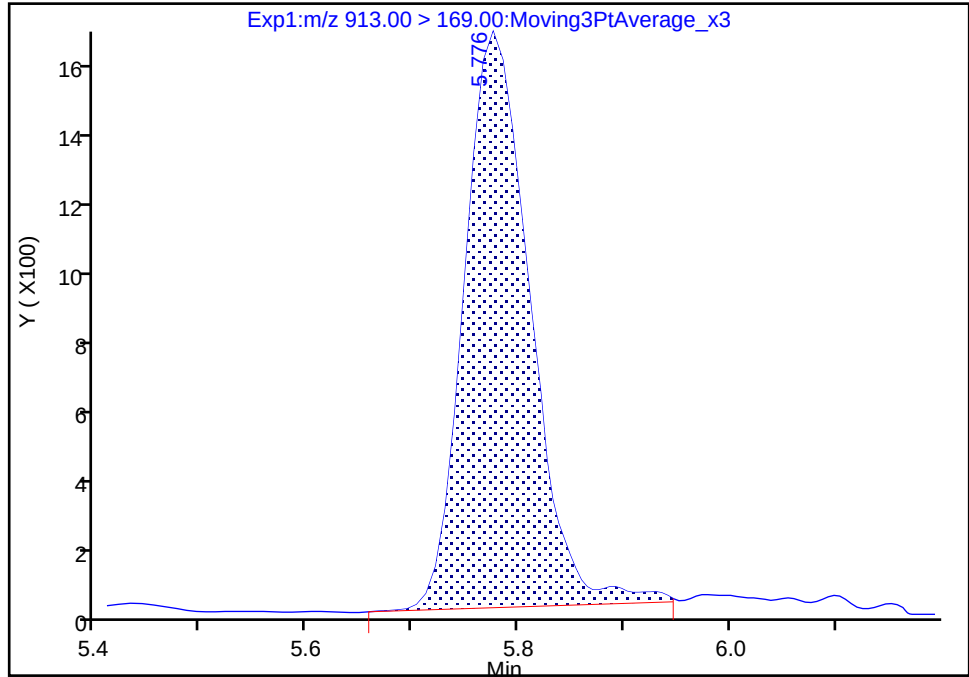
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL05.d
Injection Date: 03-Aug-2022 13:00:16 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

46 Perfluorooctadecanoic acid, CAS: 16517-11-6

Signal: 2

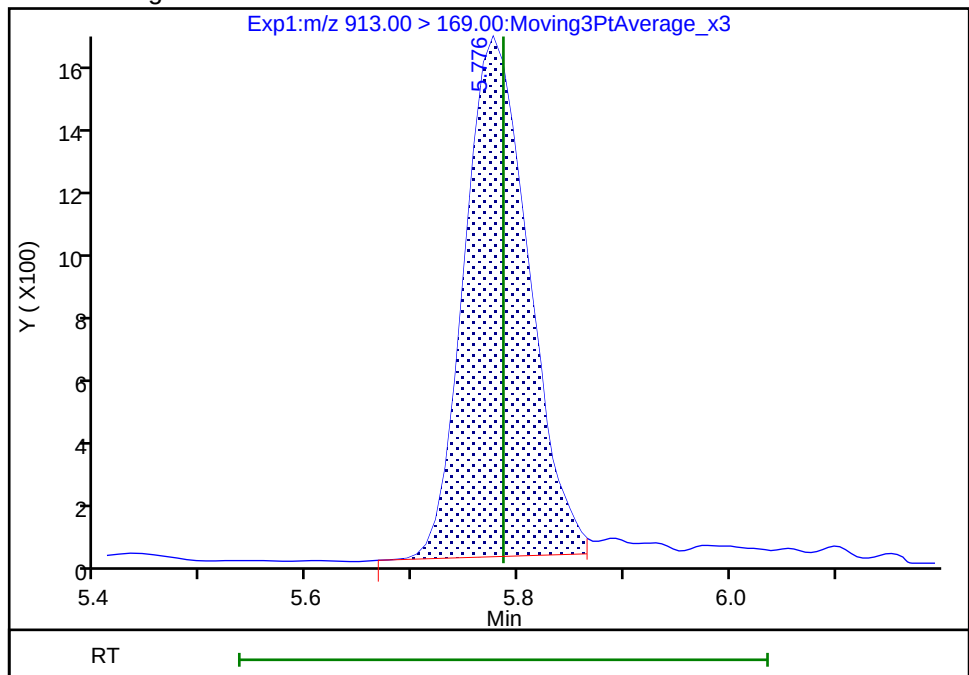
RT: 5.78
Area: 6968
Amount: 0.049381
Amount Units: ng/ml

Processing Integration Results



RT: 5.78
Area: 6782
Amount: 0.050946
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:26:18

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
 Lims ID: IC
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 03-Aug-2022 13:08:29 ALS Bottle#: 3 Worklist Smp#: 6
 Injection Vol: 20.0 ul Dil. Factor: 1.0000
 Sample Info: IC
 Misc. Info.: 200-0051940-006 Plate: 1 Rack: 1
 Operator ID: lc812tech Instrument ID: LC812
 Sublist: chrom-PFC_LC812*sub3
 Method: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PFC_LC812.m
 Limit Group: LC_PFC_ICAL
 Last Update: 03-Aug-2022 14:25:07 Calib Date: 03-Aug-2022 13:41:11
 Integrator: Picker
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
 Column 1 : C-18 (4.60 mm) Det: EXP1
 Process Host: CTX1672

First Level Reviewer: Z1IP

Date: 03-Aug-2022 13:38:54

Ratio Calibration: Average of Initial Calibration

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	2.076	2.085	-0.009	0.598	1889069	1.28		103	11099	
2 Perfluorobutanoic acid										M
212.90 > 169.00	2.085	2.085	0.0	1.004	154590	0.1055		105	19.9	M
D 3 13C5 PFPeA										
267.90 > 223.00	2.387	2.400	-0.013	0.687	1467520	1.30		104	3282	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.400	2.400	0.0	1.006	126653	0.1046		105	5.5	
D 47 13C3 PFBS										
301.90 > 80.00	2.413	2.413	0.0	0.695	1552604	1.18		102	241526	
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.413	2.413	0.0	1.000	137298	0.0931	Target=2.18	105	169	
298.90 > 99.00	2.413	2.413	0.0	1.000	61327		2.24(1.09-3.28)	105	53.3	
D 60 M2-4:2 FTS										
329.00 > 81.00	2.713	2.713	0.0	0.781	135136	1.20		103	157	
61 1H,1H,2H,2H-perfluorohexanesulfo										
327.00 > 307.00	2.713	2.713	0.0	1.000	26836	0.0975		104	440	
6 Perfluorohexanoic acid										M
313.00 > 269.00	2.750	2.750	0.0	1.000	123840	0.1083	Target=12.37	108	31.1	M
313.00 > 119.00	2.750	2.750	0.0	1.000	8345		14.84(6.19-18.56)	108	14.0	M
D 7 13C2 PFHxA										M
315.00 > 270.00	2.750	2.750	0.0	0.792	1370007	1.21		96.9	1694	M
70 Perfluoropentanesulfonic acid										
349.00 > 80.00	2.750	2.762	-0.012	0.881	111806	0.0965	Target=3.00	103	240	
349.00 > 99.00	2.750	2.762	-0.012	0.881	38880		2.88(1.50-4.50)	103	112	
D 64 13C3 HFPO-DA										
287.00 > 169.00	2.859	2.859	0.0	0.823	270250	1.27		102	2019	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
67 Perfluoro(2-propoxypropanoic) ac										M
285.00 > 169.00	2.859	2.859	0.0	1.000	23635	0.1017		102	275	M
D 9 13C4 PFHpA										M
367.00 > 322.00	3.121	3.121	0.0	0.898	1436597	1.22		97.9	1843	M
10 Perfluoroheptanoic acid										M
363.00 > 319.00	3.121	3.121	0.0	1.000	125739	0.1062	Target=3.68	106	41.1	M
363.00 > 169.00	3.121	3.121	0.0	1.000	33556		3.75(1.84-5.52)	106	65.8	M
D 11 18O2 PFHxS										M
403.00 > 84.00	3.121	3.121	0.0	0.898	1056649	1.15		96.9	1565	M
8 Perfluorohexanesulfonic acid										M
399.00 > 80.00	3.121	3.121	0.0	1.000	93371	0.0947	Target=3.52	104	212	M
399.00 > 99.00	3.121	3.121	0.0	1.000	26787		3.49(1.76-5.27)	104	37.5	M
77 DONA										
377.00 > 251.00	3.154	3.165	-0.011	0.832	288123	0.0994	Target=2.78	106	579	
377.00 > 85.00	3.154	3.165	-0.011	0.832	100310		2.87(1.39-4.17)	106	179	
D 12 M2-6:2 FTS										M
429.00 > 81.00	3.465	3.474	-0.009	0.997	181082	1.17		98.8	371	M
13 1H,1H,2H,2H-perfluorooctanesulfo										M
427.00 > 407.00	3.465	3.474	-0.009	1.000	25321	0.0971		102	84.8	M
16 Perfluoroheptanesulfonic acid										M
449.00 > 80.00	3.465	3.474	-0.009	0.914	83914	0.0965	Target=4.99	101	329	M
449.00 > 99.00	3.465	3.474	-0.009	0.914	18089		4.64(2.50-7.49)	101	108	M
15 Perfluorooctanoic acid										M
413.00 > 369.00	3.474	3.482	-0.008	1.000	141576	0.1018	Target=2.64	102	18.3	M
413.00 > 169.00	3.483	3.482	0.001	1.003	53235		2.66(1.32-3.96)	102	123	M
D 14 13C4 PFOA										M
417.00 > 372.00	3.474	3.482	-0.008	1.000	1549546	1.29		103	2023	M
* 62 13C2 PFOA										M
415.00 > 370.00	3.474	3.482	-0.008		1577768	1.25			2013	M
17 Perfluorooctanesulfonic acid										M
499.00 > 80.00	3.793	3.802	-0.010	1.000	77581	0.0924	Target=4.77	99.5	58.3	M
499.00 > 99.00	3.793	3.802	-0.010	1.000	16176		4.80(2.38-7.15)	99.5	65.3	M
D 18 13C4 PFOS										M
503.00 > 80.00	3.793	3.802	-0.010	1.092	840757	1.22		102	1987	M
20 Perfluorononanoic acid										M
463.00 > 419.00	3.812	3.822	-0.010	1.000	132027	0.1012	Target=7.92	101	51.2	
463.00 > 169.00	3.812	3.822	-0.010	1.000	17042		7.75(3.96-11.88)	101	176	M
D 19 13C5 PFNA										M
468.00 > 423.00	3.812	3.822	-0.010	1.097	1602191	1.28		103	1979	M
69 9-Chlorohexadecafluoro-3-oxanona										
531.00 > 351.00	3.960	3.969	-0.009	1.044	119561	0.0962		103	925	
68 Perfluorononanesulfonic acid										M
549.00 > 80.00	4.093	4.093	0.0	1.079	55980	0.1016	Target=2.52	106	423	
549.00 > 99.00	4.093	4.093	0.0	1.079	20056		2.79(1.26-3.78)	106	122	M
25 1H,1H,2H,2H-perfluorodecanesulfo										
527.00 > 507.00	4.127	4.127	0.0	1.000	17191	0.0961		100	166	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
24 Perfluorodecanoic acid										M
513.00 > 469.00	4.116	4.127	-0.011	1.000	131103	0.0979	Target=9.74	97.9	84.2	M
513.00 > 169.00	4.116	4.127	-0.011	1.000	14057		9.33(4.87-14.60)	97.9	92.1	M
D 23 13C2 PFDA										M
515.00 > 470.00	4.116	4.127	-0.011	1.185	1591995	1.31		105	1333	M
D 26 M2-8:2 FTS										
529.00 > 81.00	4.127	4.138	-0.011	1.188	221797	1.19		99.7	950	
D 21 13C8 FOSA										M
506.00 > 78.00	4.173	4.173	0.0	1.201	1346274	1.27		101	1456	M
22 Perfluorooctanesulfonamide										
498.00 > 78.00	4.173	4.173	0.0	1.000	119896	0.1092		109	487	
28 N-methylperfluorooctanesulfonami										M
570.00 > 419.00	4.262	4.273	-0.011	1.000	13734	0.0963		96.3	53.4	M
D 27 d3-NMeFOSAA										M
573.00 > 419.00	4.262	4.273	-0.011	1.227	200758	1.23		98.6	1013	M
29 Perfluorodecanesulfonic acid										M
599.00 > 80.00	4.366	4.365	0.001	1.151	40369	0.0985	Target=2.62	102	372	
599.00 > 99.00	4.366	4.365	0.001	1.151	14326		2.82(1.31-3.93)	102	144	M
D 30 13C2 PFUnA										M
565.00 > 520.00	4.388	4.399	-0.011	1.263	1204305	1.31		105	1508	M
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.388	4.399	-0.011	1.000	102072	0.1000	Target=8.83	100	91.7	
563.00 > 169.00	4.388	4.399	-0.011	1.000	11981		8.52(4.41-13.24)	100	168	
33 N-ethylperfluorooctanesulfonamid										M
584.00 > 419.00	4.400	4.410	-0.010	1.000	14911	0.1073		107	152	M
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.400	4.410	-0.010	1.266	191350	1.24		99.3	855	
66 11-Chloroeicosafuoro-3-oxaundec										
631.00 > 451.00	4.492	4.491	0.001	1.184	155503	0.0961		102	864	
D 36 13C2 PFDaA										M
615.00 > 570.00	4.633	4.633	0.0	1.334	1231772	1.29		103	1843	M
37 Perfluorododecanoic acid										M
613.00 > 569.00	4.633	4.633	0.0	1.000	100780	0.1008	Target=6.63	101	17.6	M
613.00 > 169.00	4.633	4.633	0.0	1.000	15506		6.50(3.32-9.95)	101	281	M
74 1H,1H,2H,2H-perfluorododecanesul										
627.00 > 607.00	4.654	4.654	0.0	1.128	8639	0.1034		107	235	
75 Perfluorododecanesulfonic acid (										
699.00 > 80.00	4.812	4.813	-0.001	1.269	17866	0.0982	Target=0.54	101	334	
699.00 > 99.00	4.812	4.813	-0.001	1.269	33321		0.54(0.27-0.81)	101	562	
41 Perfluorotridecanoic acid										M
663.00 > 619.00	4.848	4.859	-0.011	1.046	86868	0.1003	Target=4.62	100	16.2	M
663.00 > 169.00	4.848	4.859	-0.011	1.046	19158		4.53(2.31-6.94)	100	128	M
D 43 13C2 PFTeDA										M
715.00 > 670.00	5.052	5.052	0.0	1.454	974562	1.25		100	1410	M
42 Perfluorotetradecanoic acid										M
713.00 > 169.00	5.052	5.052	0.0	1.000	12683	0.1015	Target=0.94	102	142	
713.00 > 219.00	5.042	5.052	-0.010	0.998	13008		0.98(0.47-1.41)	102	143	M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.411	5.422	-0.011	1.000	98813	0.1008	Target=4.40	101	23.4	
813.00 > 169.00	5.411	5.422	-0.011	1.000	22226		4.45(2.20-6.59)	101	181	
D 44 13C2 PFHxDA										
815.00 > 770.00	5.411	5.422	-0.011	1.558	1136259	1.28		102	2164	M
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.776	5.786	-0.010	1.068	64267	0.1063	Target=4.42	106	20.1	M
913.00 > 169.00	5.776	5.786	-0.010	1.068	14493		4.43(2.21-6.63)	106	119	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

PFAS32NCIC2_00012

Amount Added: 100.00

Units: uL

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d

Injection Date: 03-Aug-2022 13:08:29

Instrument ID: LC812

Lims ID: IC

Client ID:

Operator ID: lc812tech

ALS Bottle#: 3

Worklist Smp#: 6

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

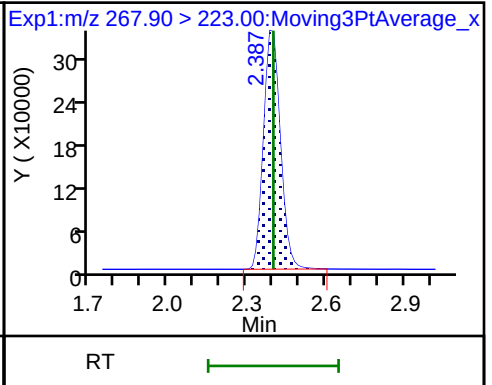
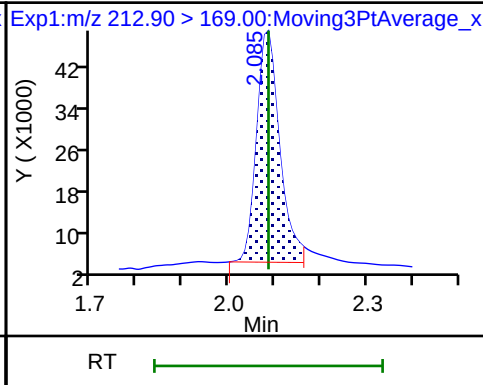
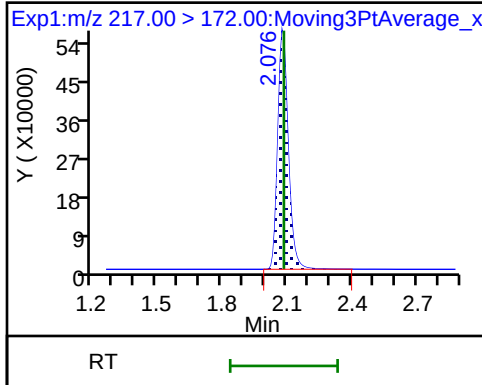
Method: PFC_LC812

Limit Group: LC_PFC_ICAL

D 1 13C4 PFBA

2 Perfluorobutanoic acid (M)

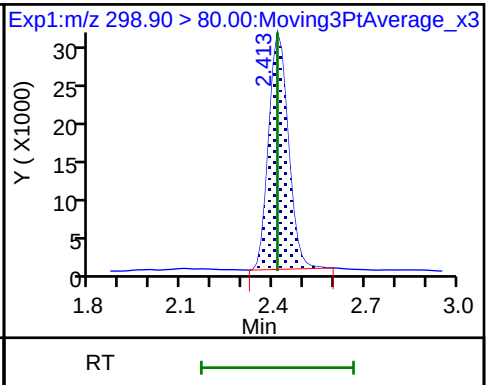
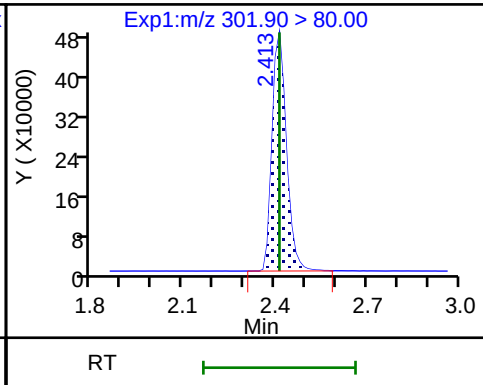
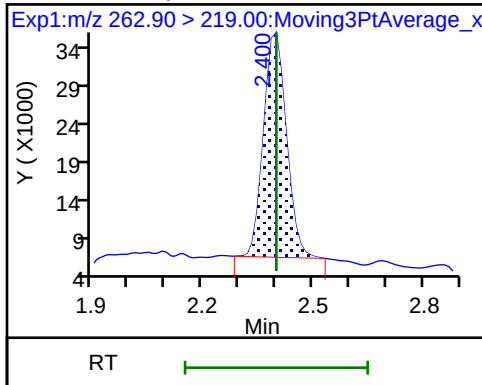
D 3 13C5 PFPeA



4 Perfluoropentanoic acid

D 47 13C3 PFBS

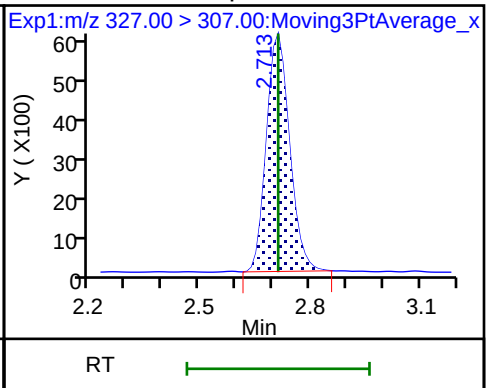
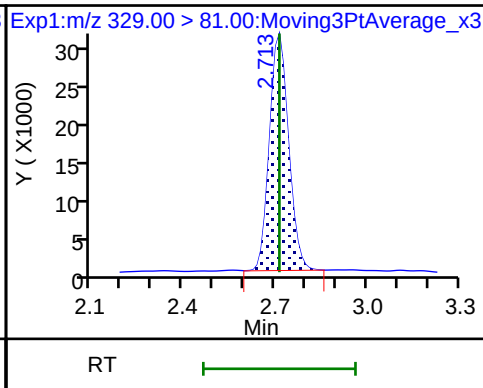
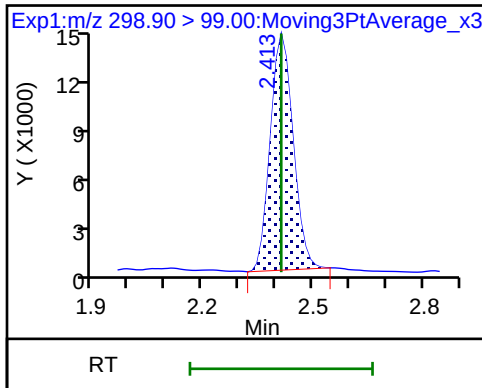
5 Perfluorobutanesulfonic acid



5 Perfluorobutanesulfonic acid

D 60 M2-4:2 FTS

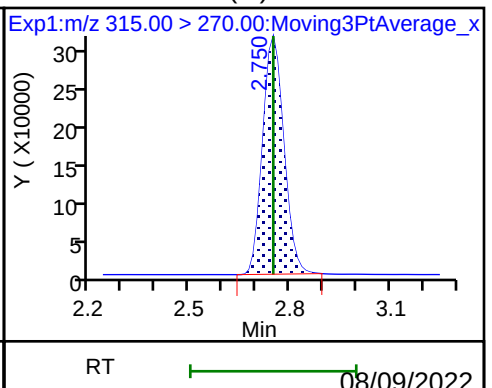
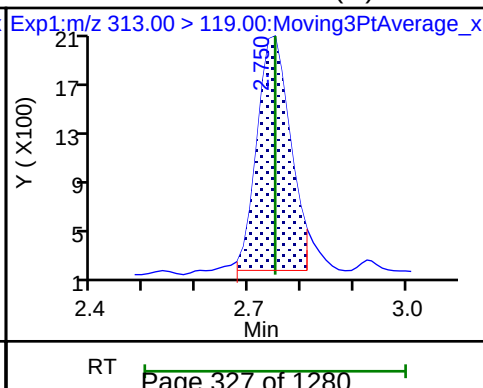
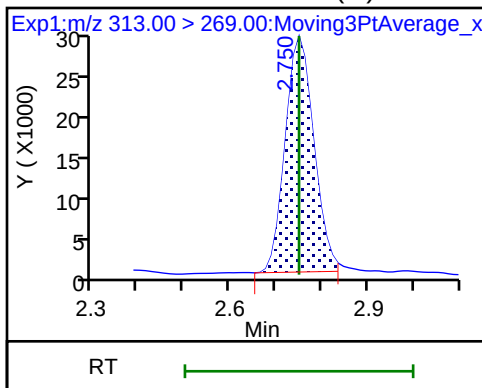
61 1H,1H,2H,2H-perfluorohexanesulfo

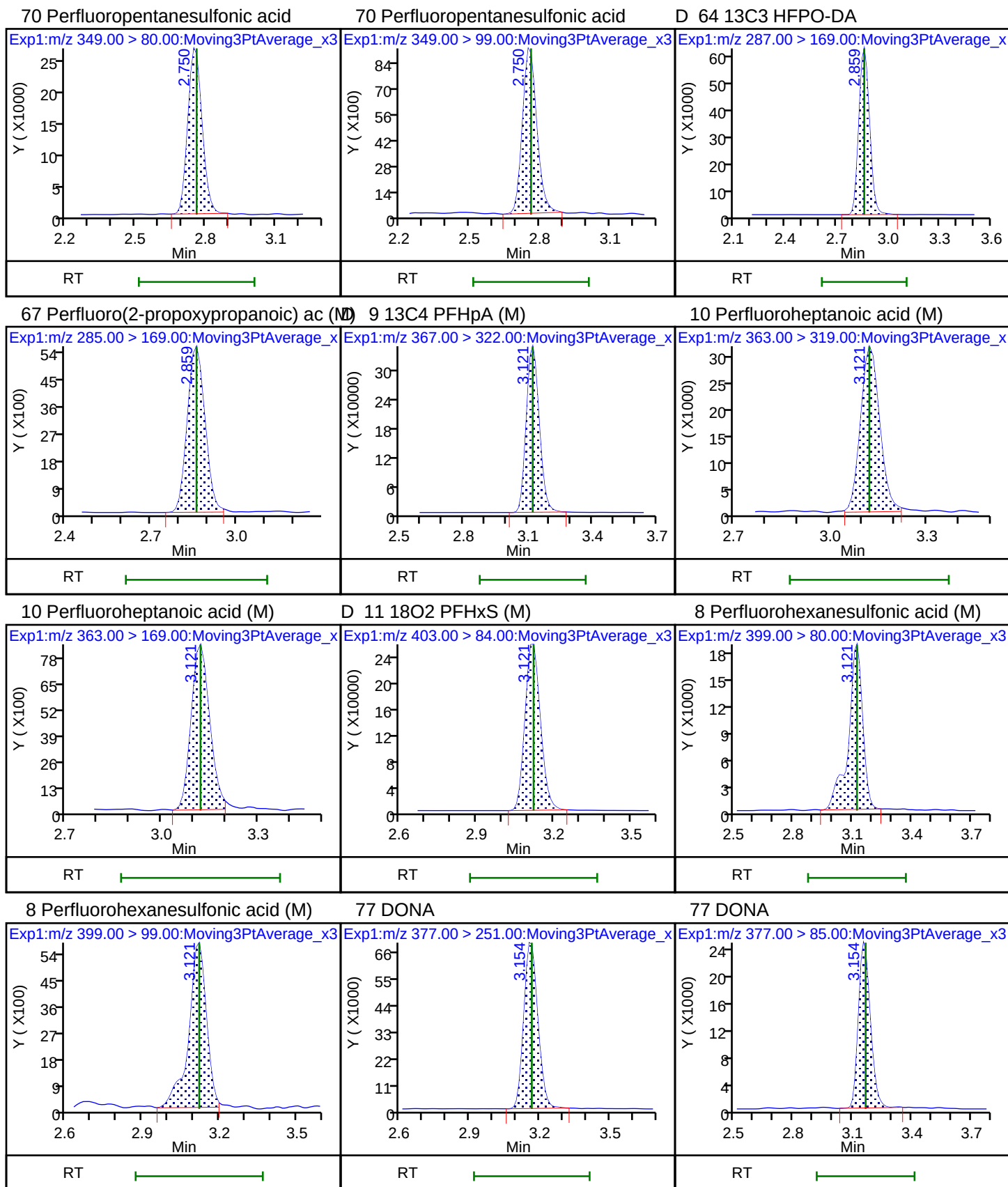


6 Perfluorohexanoic acid (M)

6 Perfluorohexanoic acid (M)

D 7 13C2 PFHxA (M)

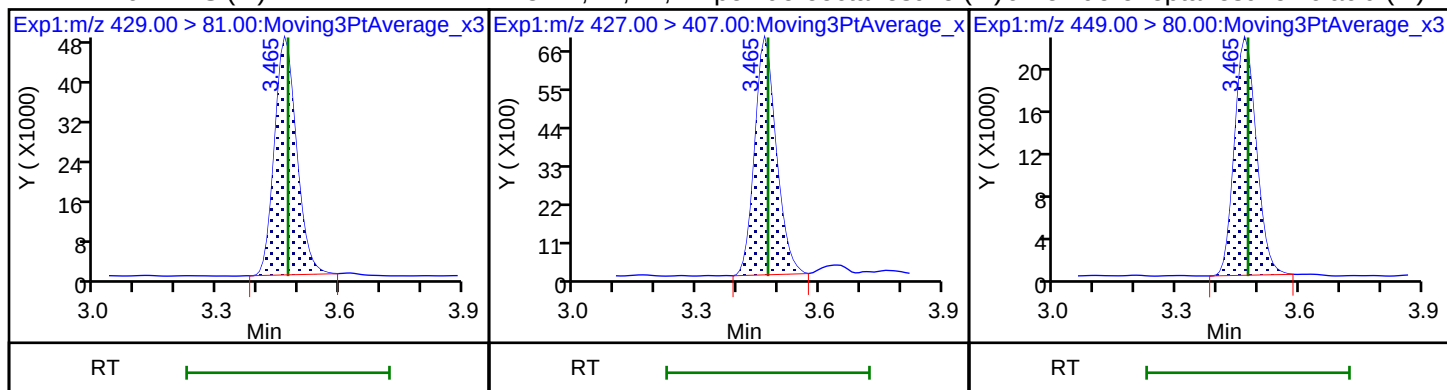




D 12 M2-6:2 FTS (M)

13 1H,1H,2H,2H-perfluorooctanesulfo (M)

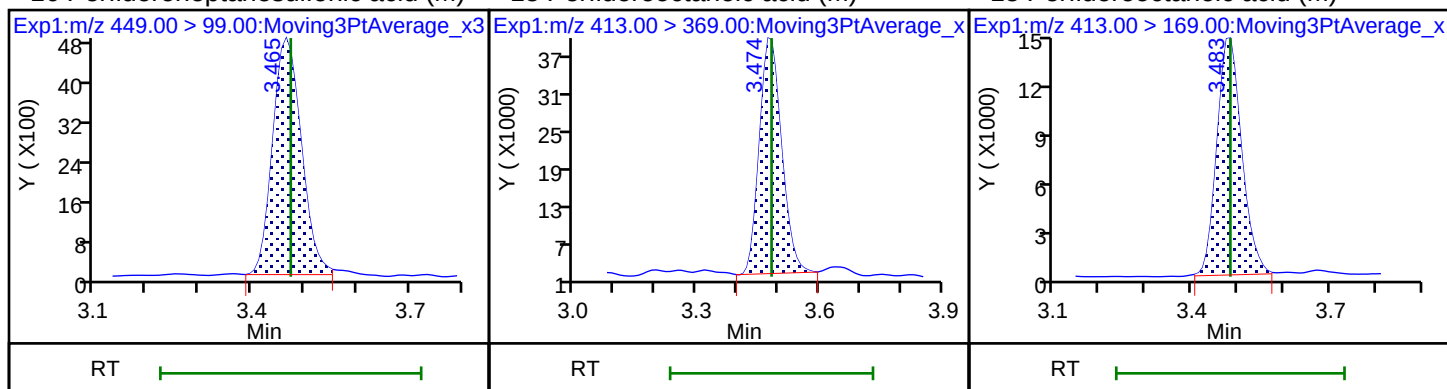
16 Perfluoroheptanesulfonic acid (M)



16 Perfluoroheptanesulfonic acid (M)

15 Perfluorooctanoic acid (M)

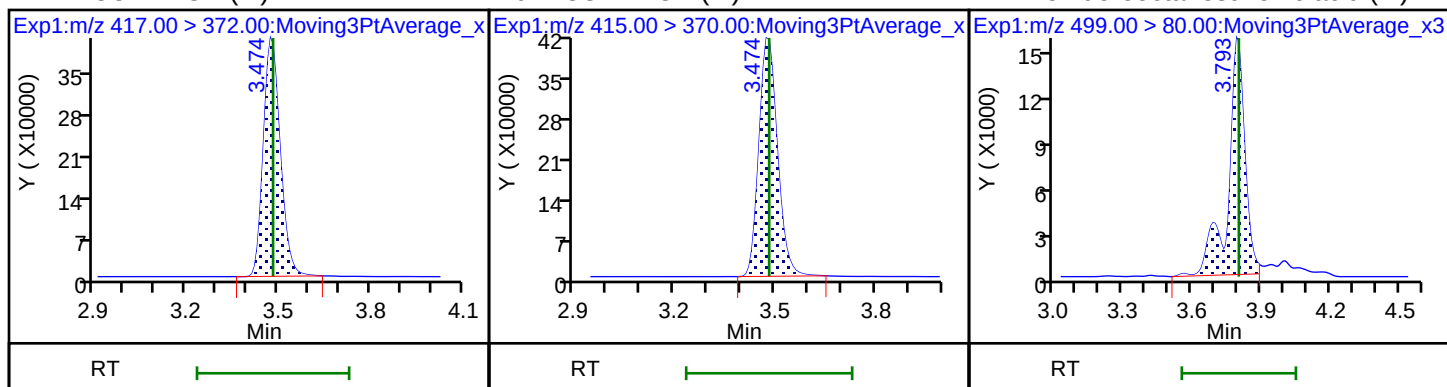
15 Perfluorooctanoic acid (M)



D 14 13C4 PFOA (M)

* 62 13C2 PFOA (M)

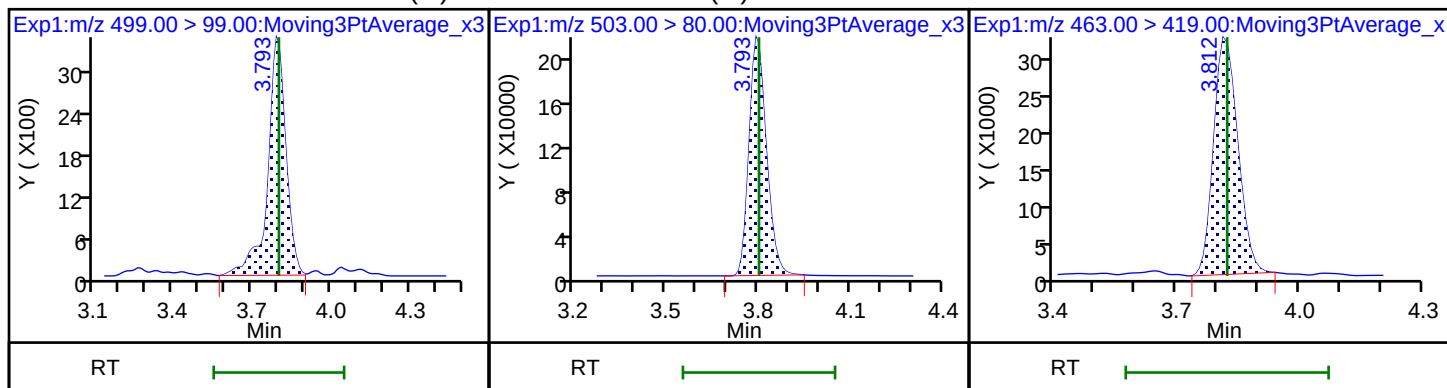
17 Perfluorooctanesulfonic acid (M)

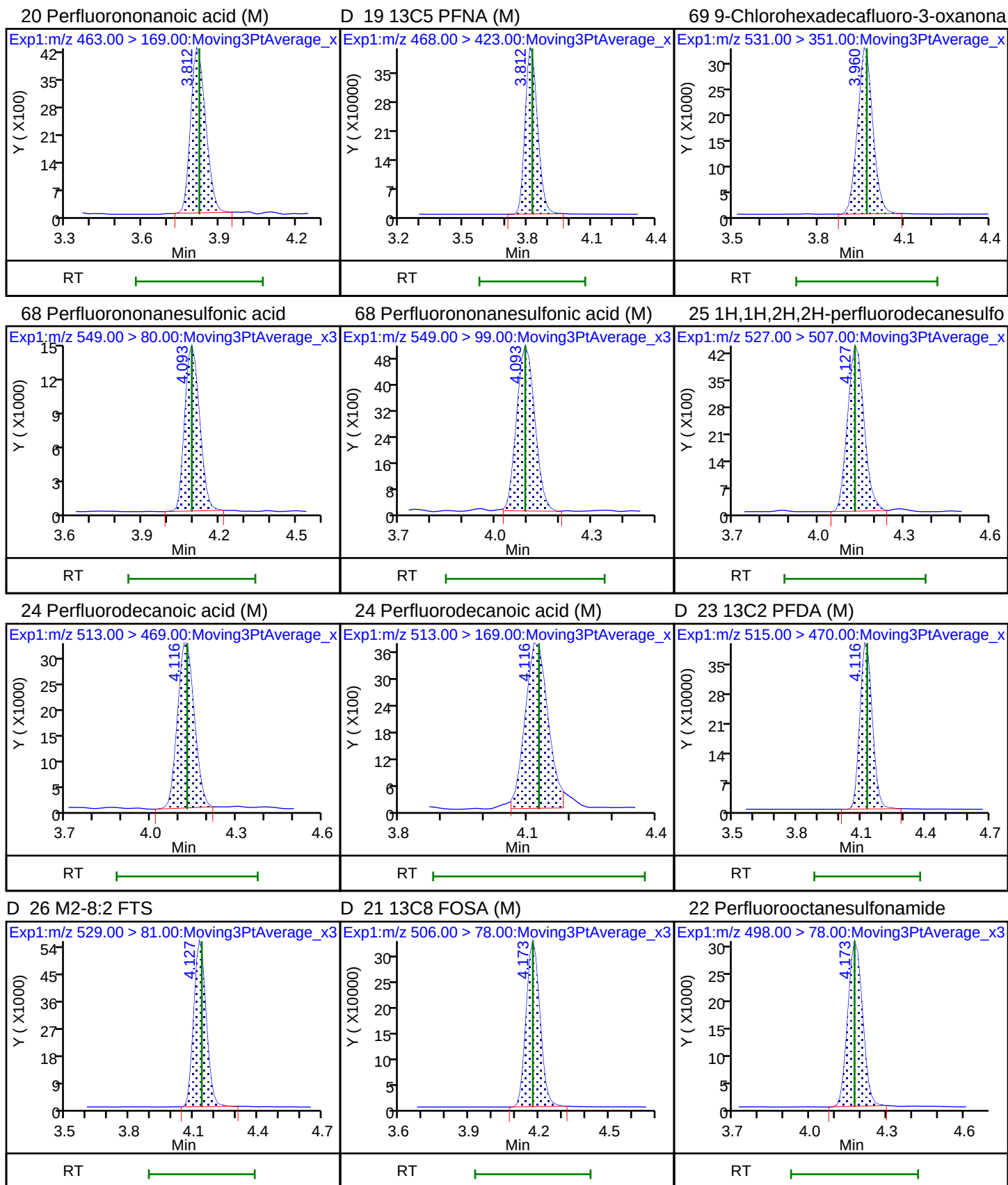


17 Perfluorooctanesulfonic acid (M)

D 18 13C4 PFOS (M)

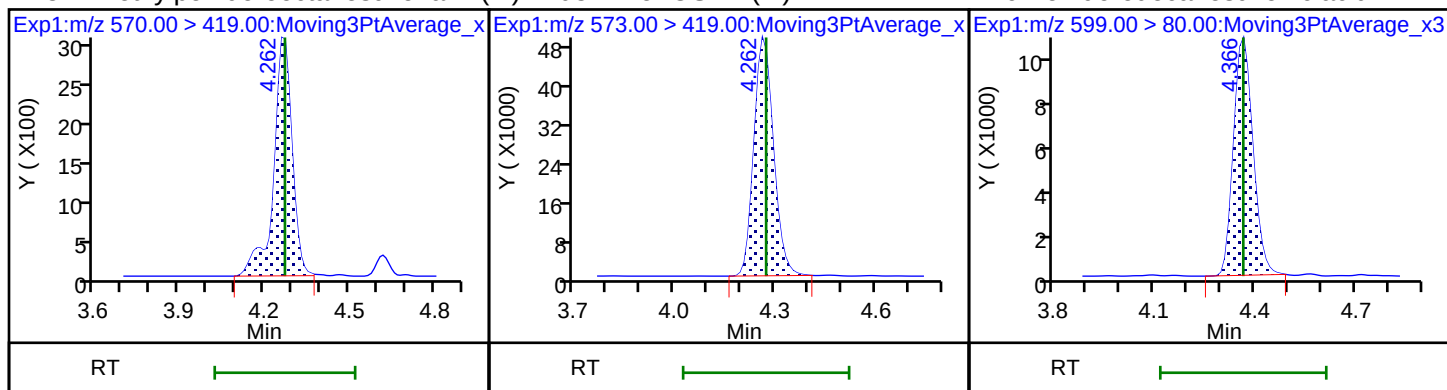
20 Perfluorononanoic acid





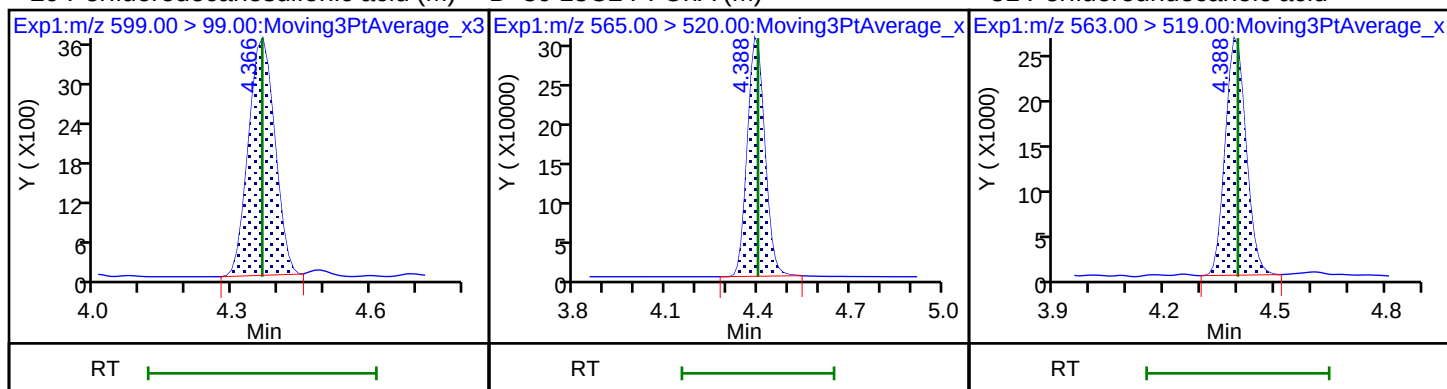
28 N-methylperfluorooctanesulfonami (M) 27 d3-NMeFOSAA (M)

29 Perfluorodecanesulfonic acid



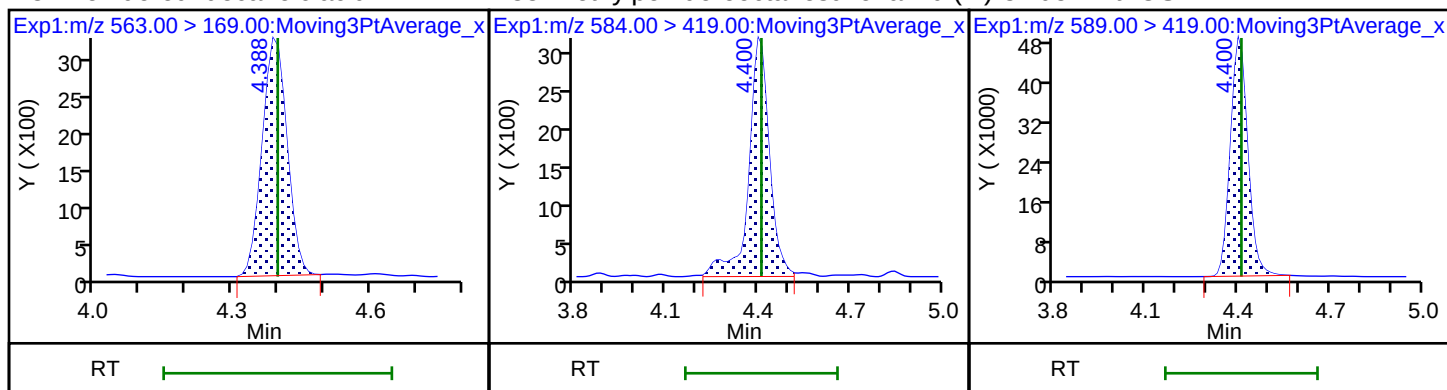
29 Perfluorodecanesulfonic acid (M) D 30 13C2 PFUnA (M)

31 Perfluoroundecanoic acid



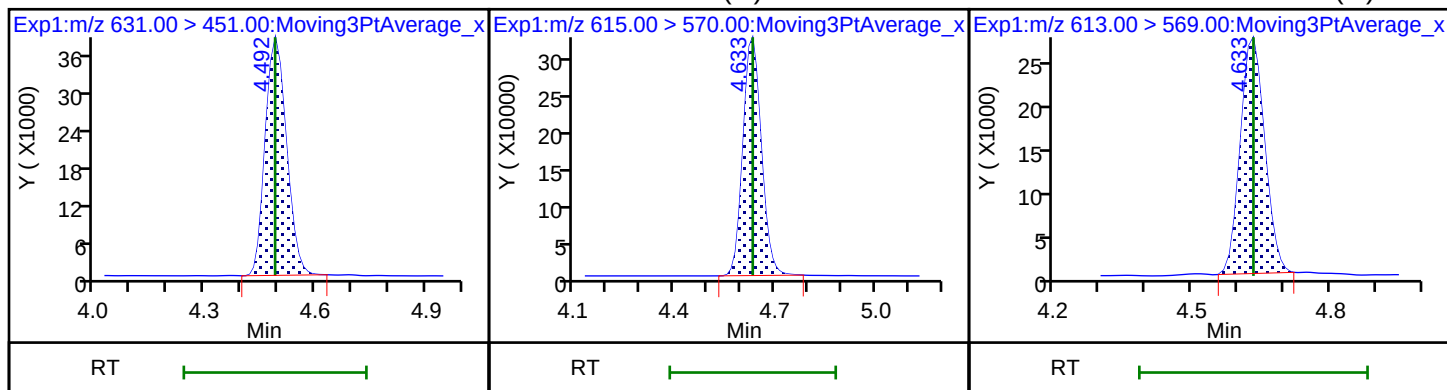
31 Perfluoroundecanoic acid

33 N-ethylperfluorooctanesulfonamid (M) 32 d5-NEtFOSAA

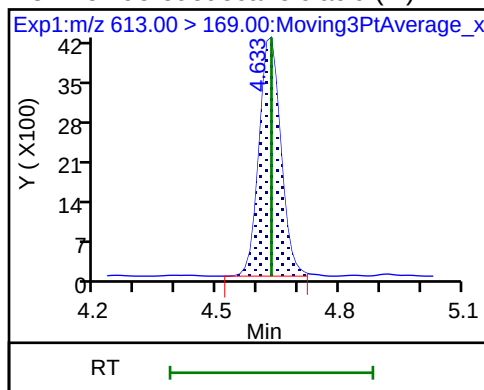


66 11-Chloroeicosafluoro-3-oxaundec D 36 13C2 PFDaA (M)

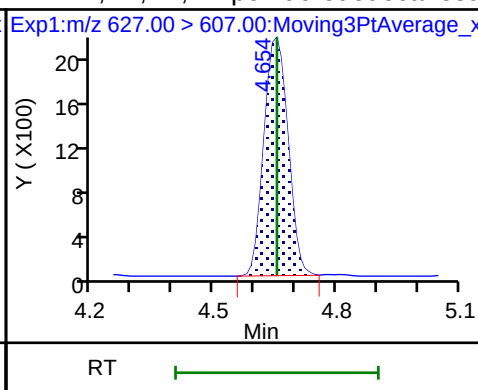
37 Perfluorododecanoic acid (M)



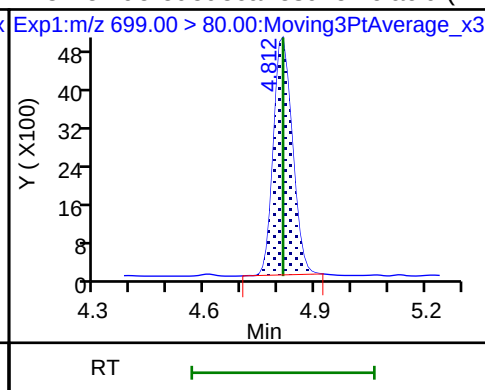
37 Perfluorododecanoic acid (M)



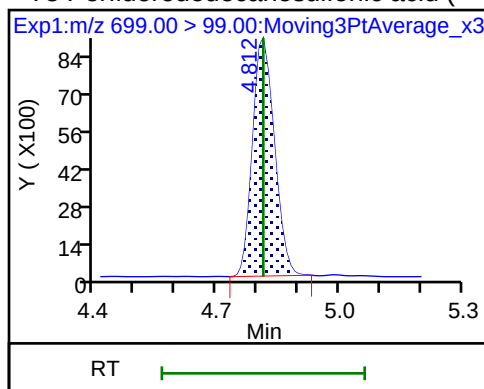
74 1H,1H,2H,2H-perfluorododecanesul



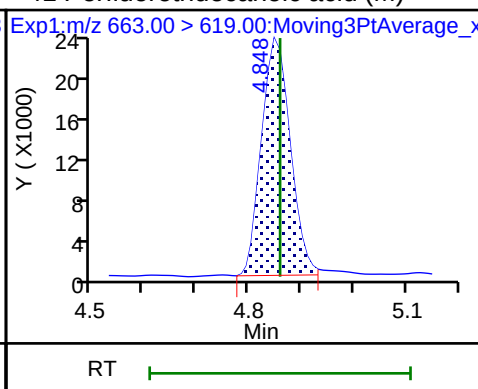
75 Perfluorododecanesulfonic acid (



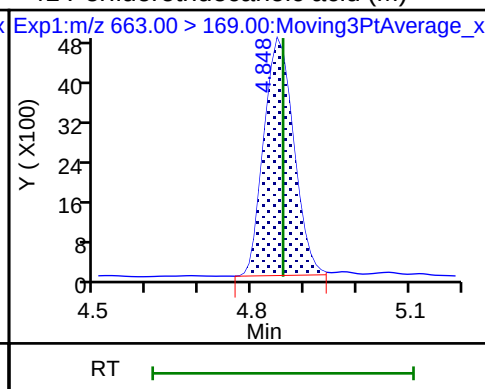
75 Perfluorododecanesulfonic acid (



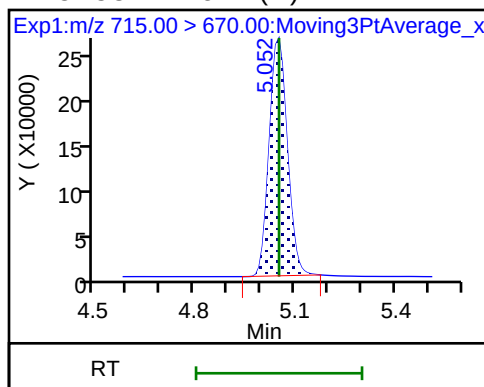
41 Perfluorotridecanoic acid (M)



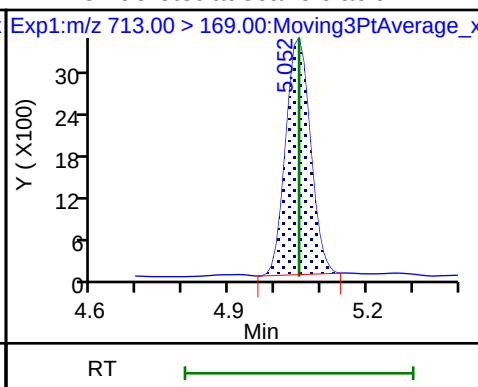
41 Perfluorotridecanoic acid (M)



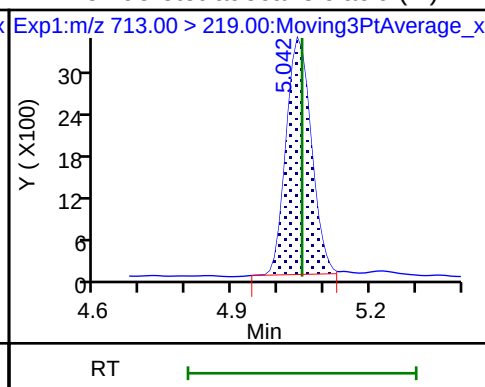
D 43 13C2 PFTeDA (M)



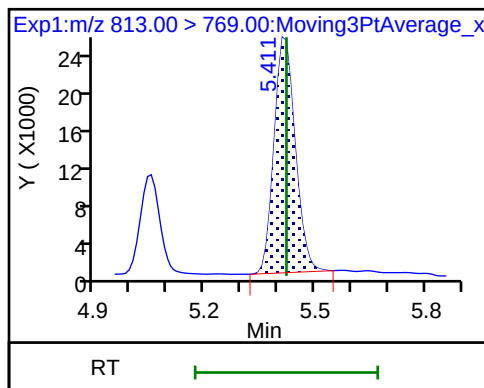
42 Perfluorotetradecanoic acid



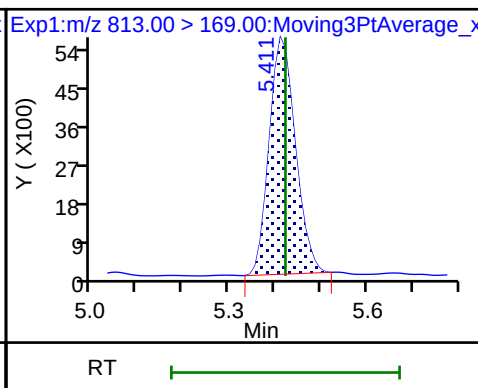
42 Perfluorotetradecanoic acid (M)



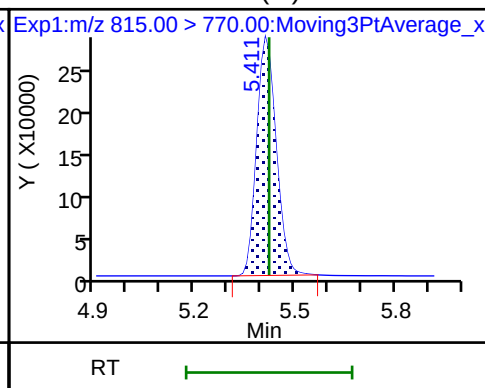
45 Perfluorohexadecanoic acid



45 Perfluorohexadecanoic acid

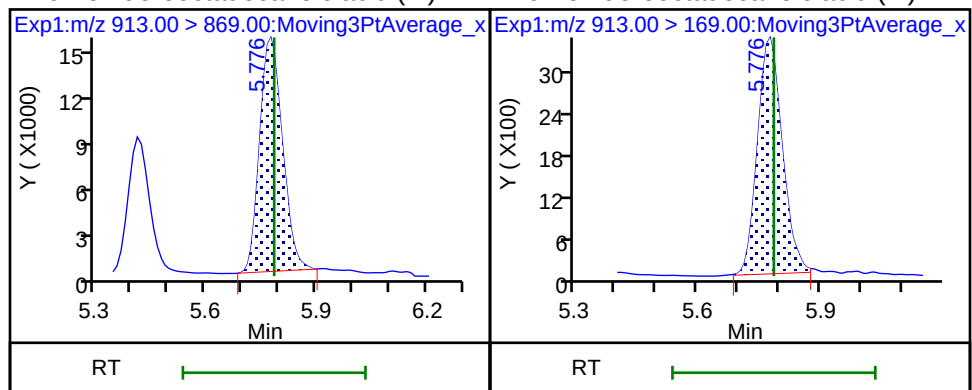


D 44 13C2 PFHxDA (M)



46 Perfluorooctadecanoic acid (M)

46 Perfluorooctadecanoic acid (M)



Eurofins Burlington

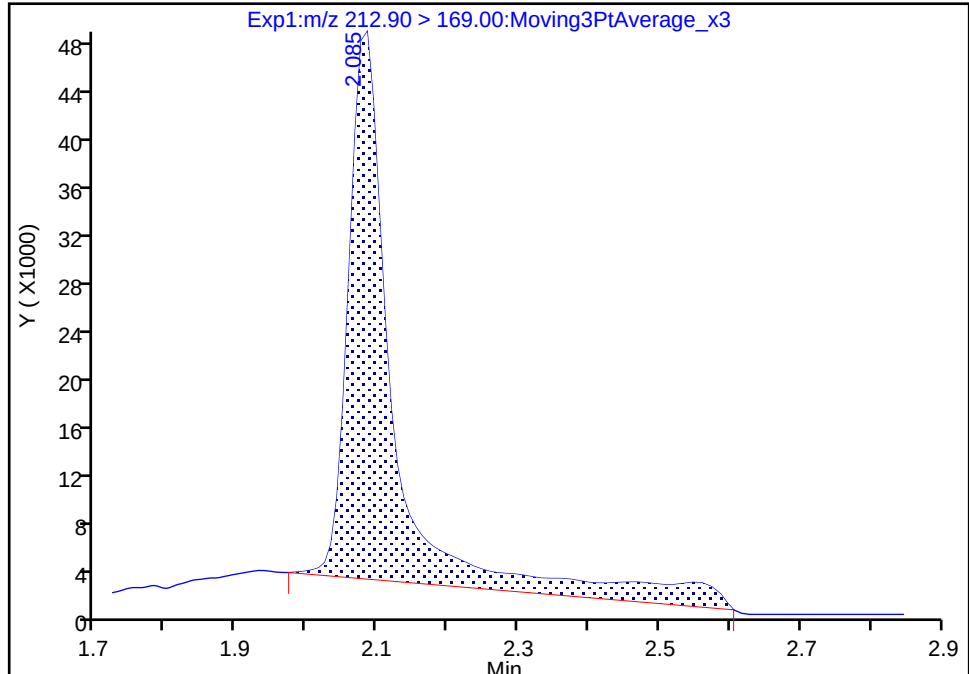
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Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

2 Perfluorobutanoic acid, CAS: 375-22-4

Signal: 1

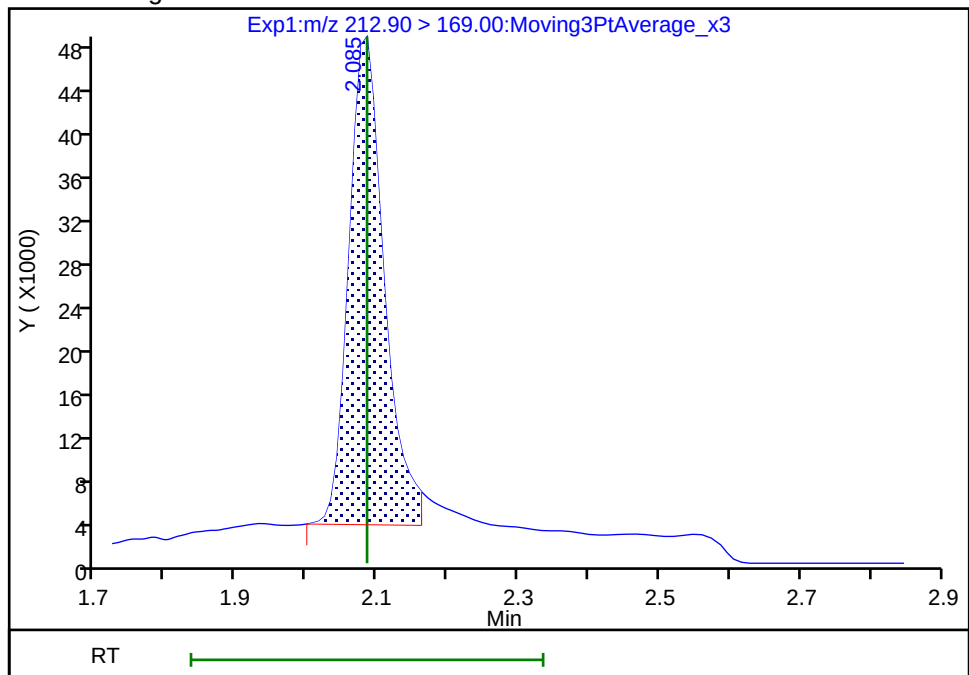
RT: 2.09
Area: 204853
Amount: 0.132742
Amount Units: ng/ml

Processing Integration Results



RT: 2.09
Area: 154590
Amount: 0.105490
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:30:34
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

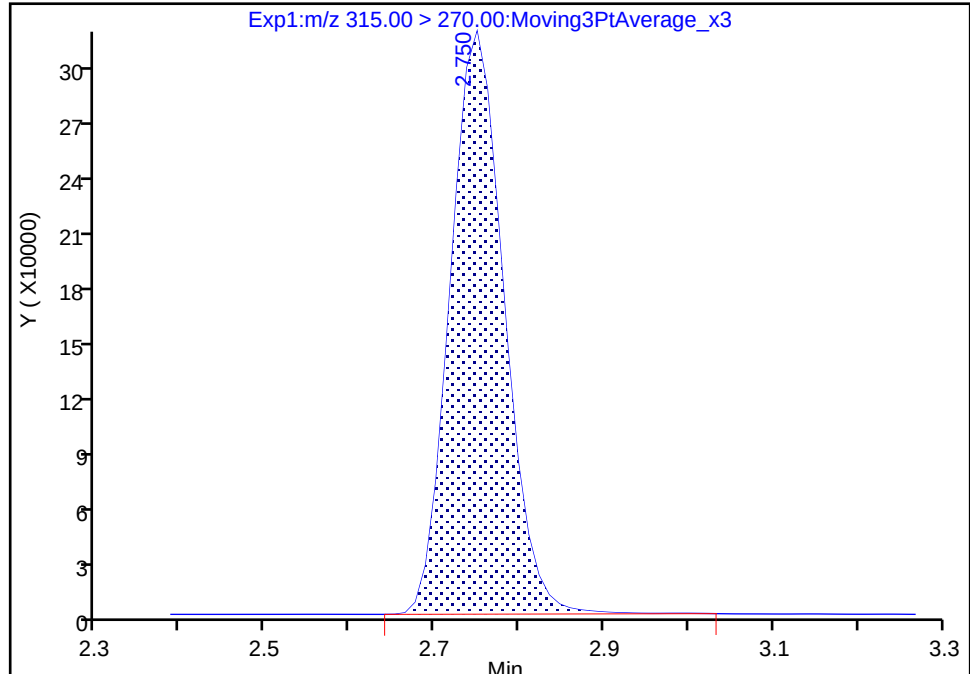
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Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 7 13C2 PFHxA, CAS: STL00993

Signal: 1

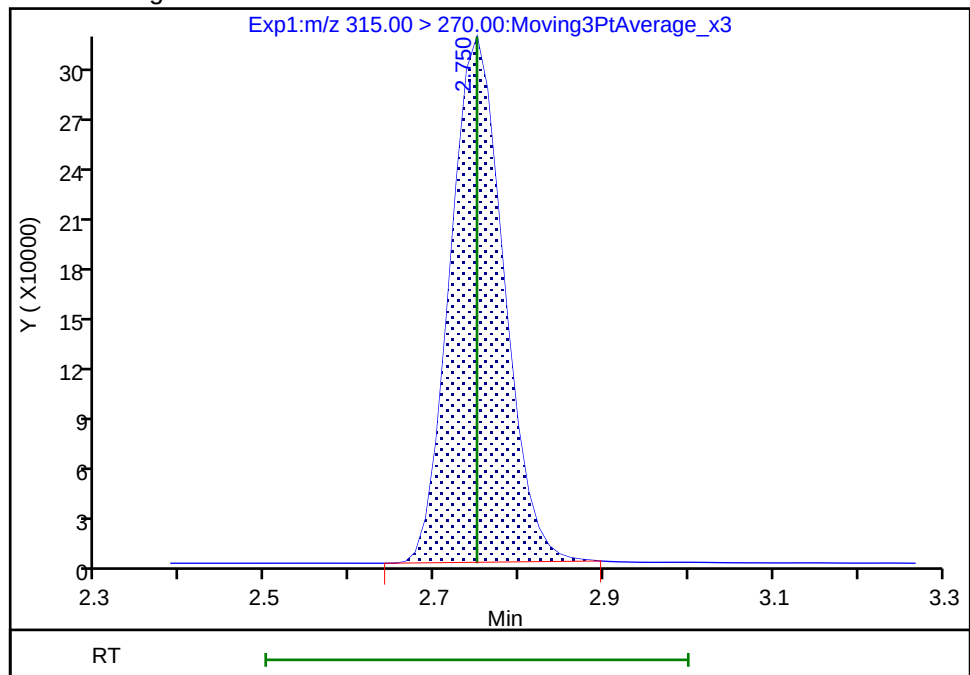
RT: 2.75
Area: 1380979
Amount: 1.276360
Amount Units: ng/ml

Processing Integration Results



RT: 2.75
Area: 1370007
Amount: 1.211108
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:30:50
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

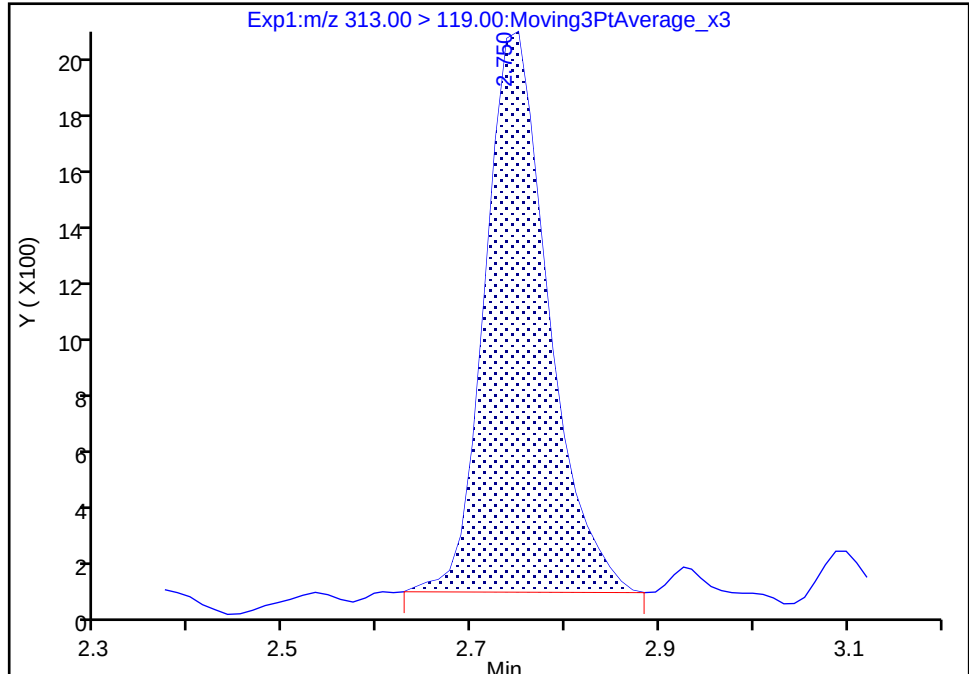
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

6 Perfluorohexanoic acid, CAS: 307-24-4

Signal: 2

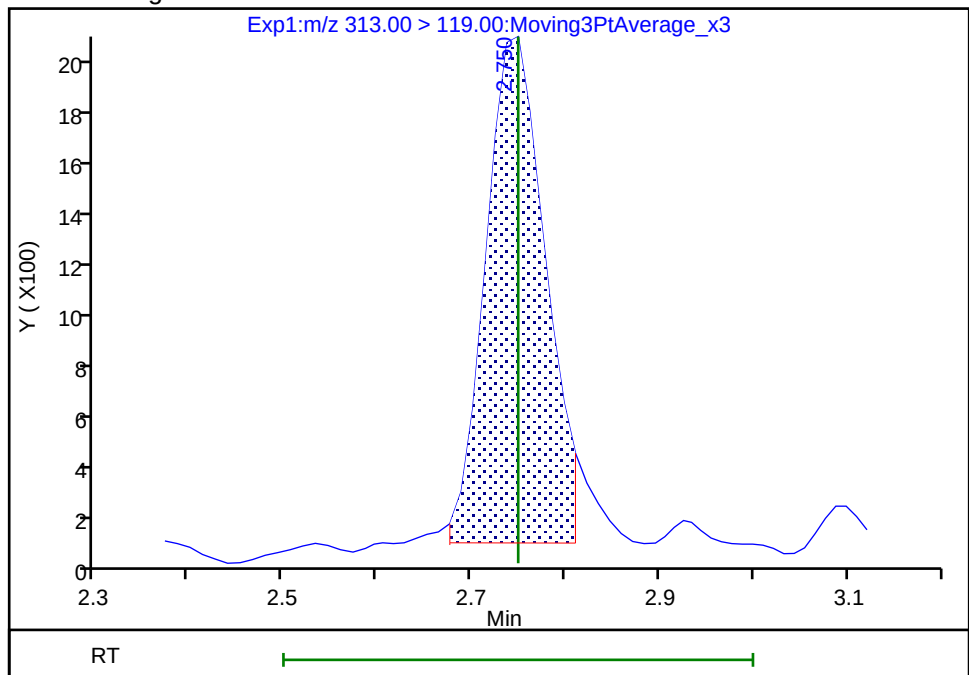
RT: 2.75
Area: 8940
Amount: 0.106334
Amount Units: ng/ml

Processing Integration Results



RT: 2.75
Area: 8345
Amount: 0.108286
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:31:06
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

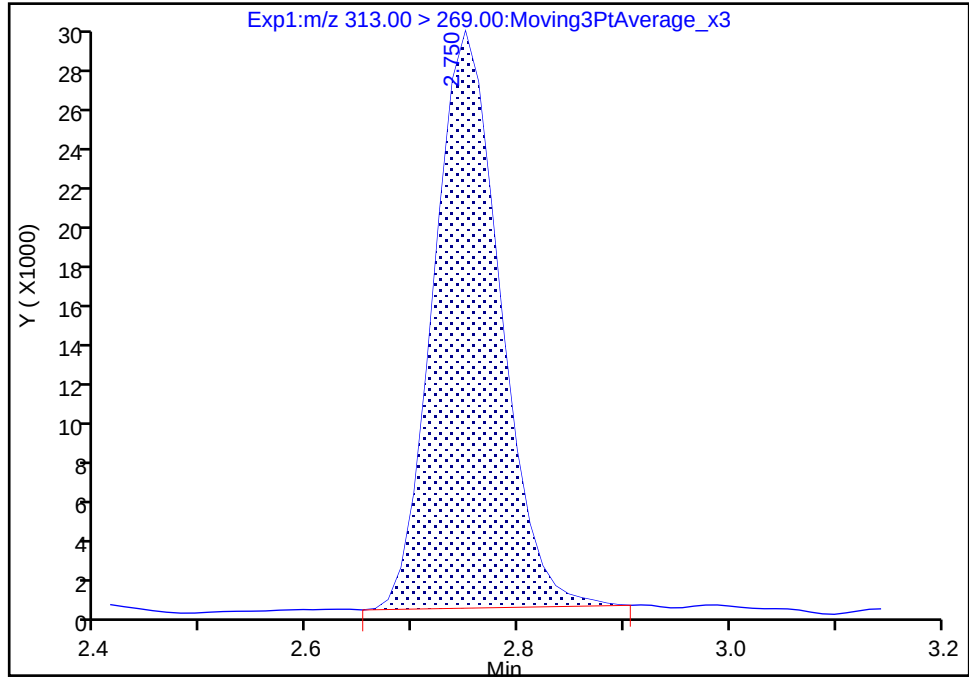
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

6 Perfluorohexanoic acid, CAS: 307-24-4

Signal: 1

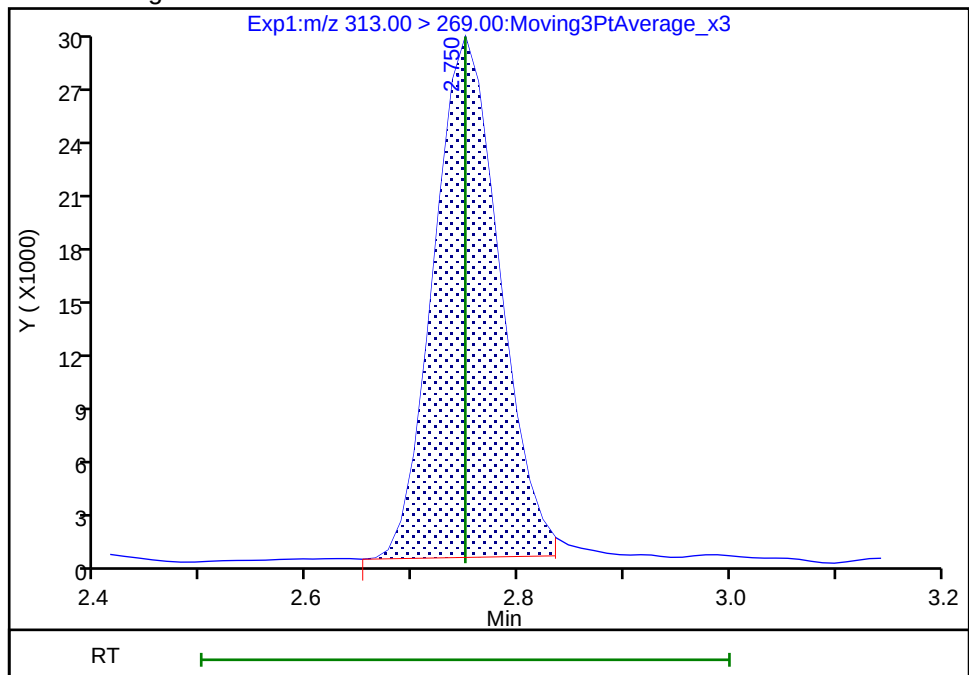
RT: 2.75
Area: 125417
Amount: 0.106334
Amount Units: ng/ml

Processing Integration Results



RT: 2.75
Area: 123840
Amount: 0.108286
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:31:23

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

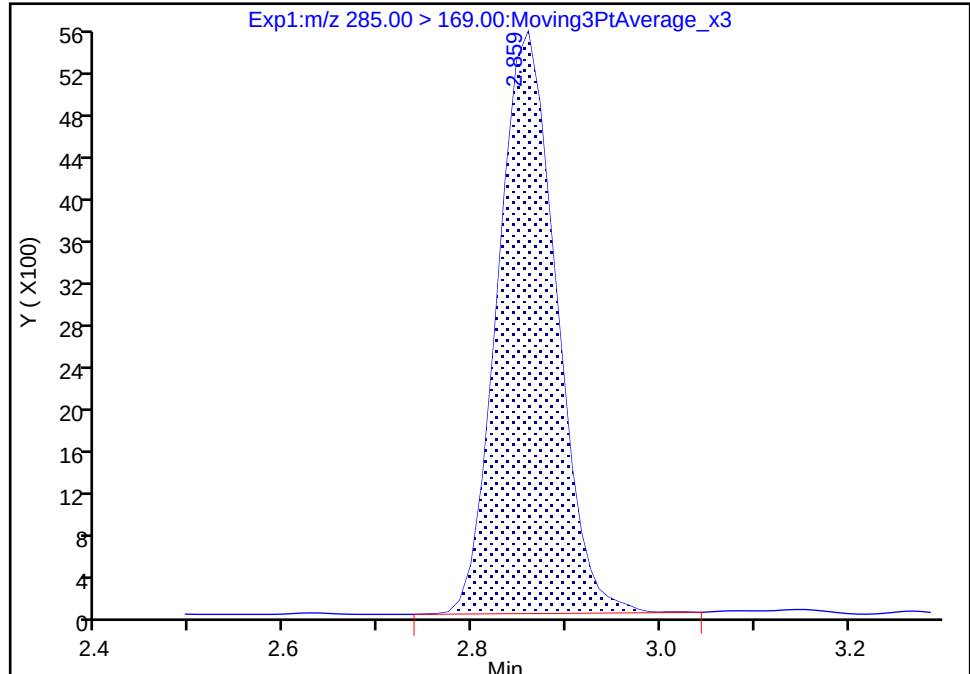
Data File:	\\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d		
Injection Date:	03-Aug-2022 13:08:29	Instrument ID:	LC812
Lims ID:	IC		
Client ID:			
Operator ID:	lc812tech	ALS Bottle#:	3
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	6

67 Perfluoro(2-propoxypropanoic) ac, CAS: 13252-13-6

Signal: 1

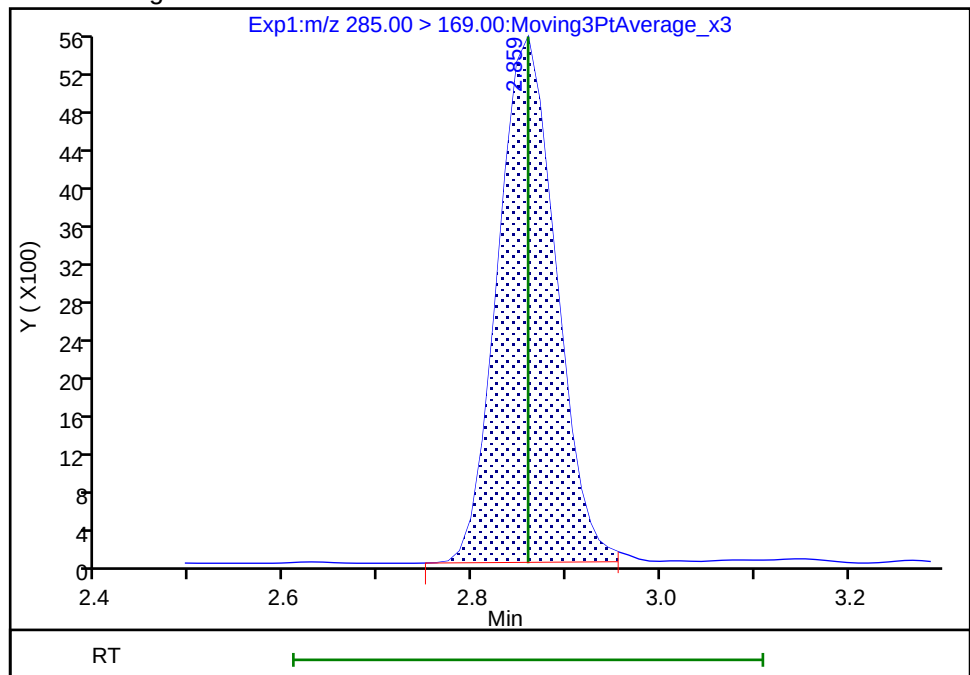
RT: 2.86
Area: 23780
Amount: 0.100286
Amount Units: ng/ml

Processing Integration Results



RT: 2.86
Area: 23635
Amount: 0.101738
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:31:37
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

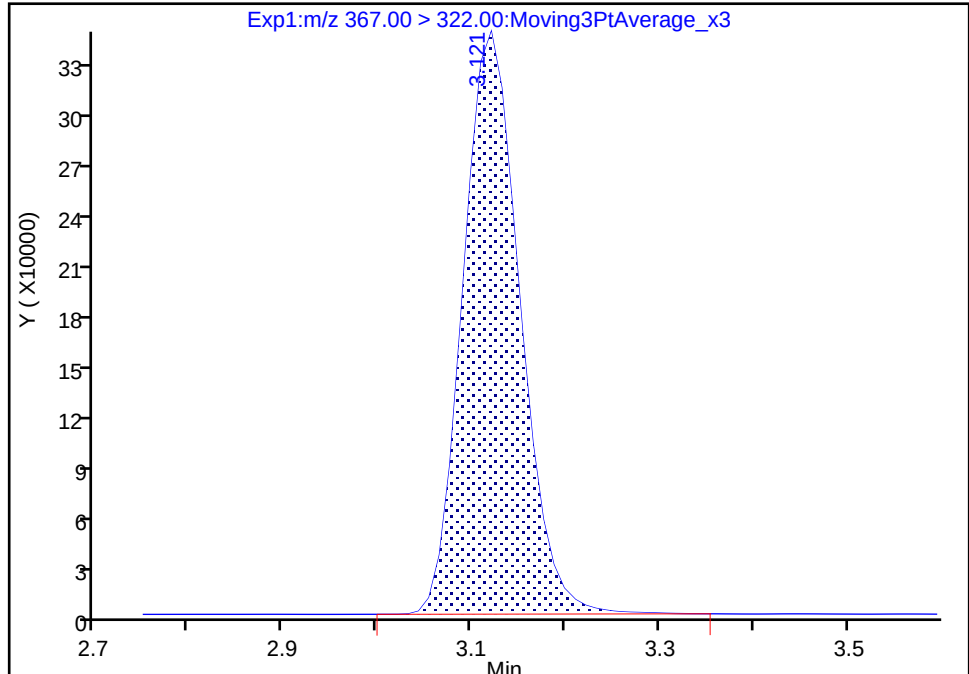
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 9 13C4 PFHpA, CAS: STL01892

Signal: 1

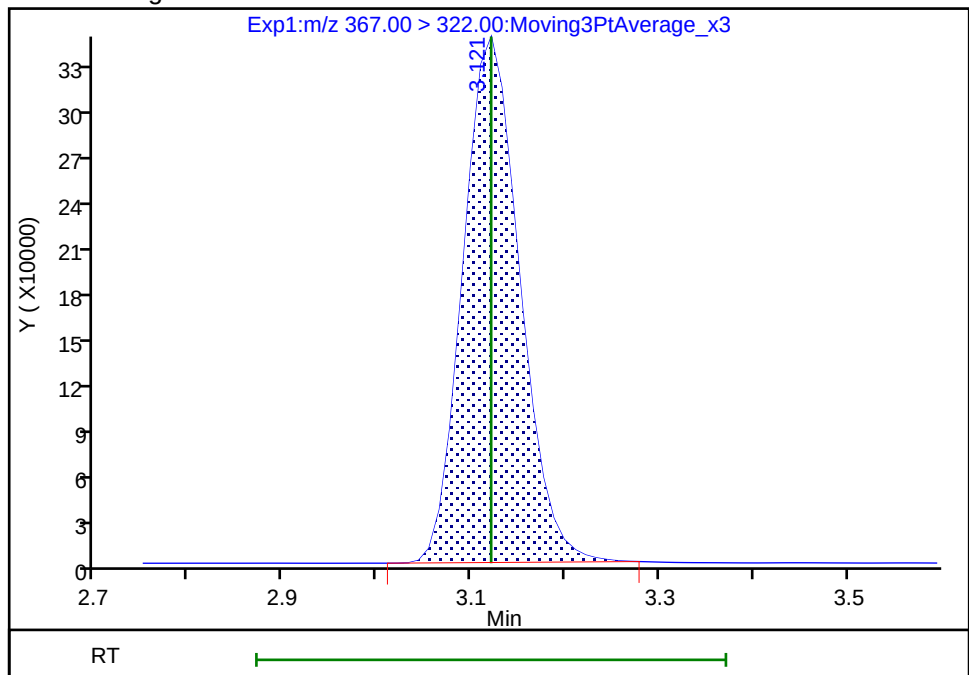
RT: 3.12
Area: 1444587
Amount: 1.255711
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 1436597
Amount: 1.224370
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:32:08
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

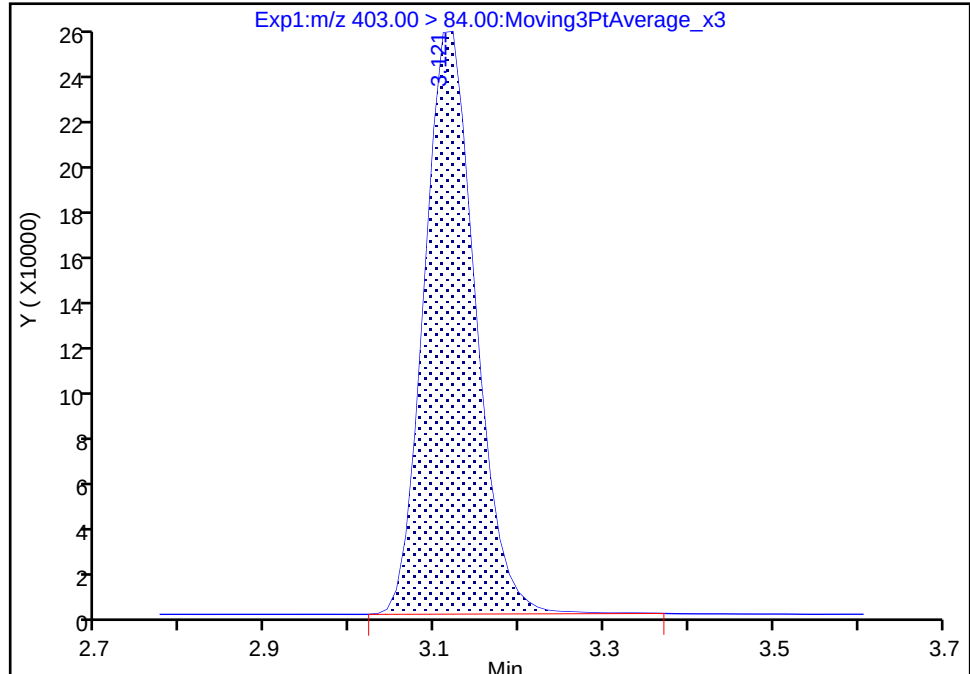
Data File:	\\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d		
Injection Date:	03-Aug-2022 13:08:29	Instrument ID:	LC812
Lims ID:	IC		
Client ID:			
Operator ID:	lc812tech	ALS Bottle#:	3 Worklist Smp#: 6
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1

D 11 18O2 PFHxS, CAS: STL00994

Signal: 1

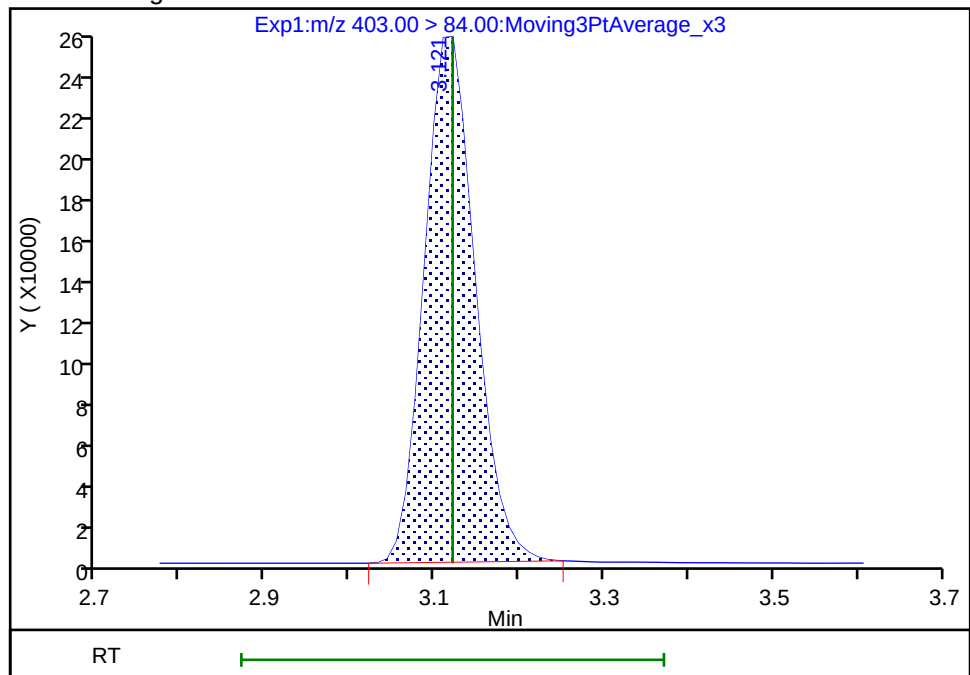
RT: 3.12
Area: 1065166
Amount: 0.980285
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 1056649
Amount: 1.145977
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:32:00
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

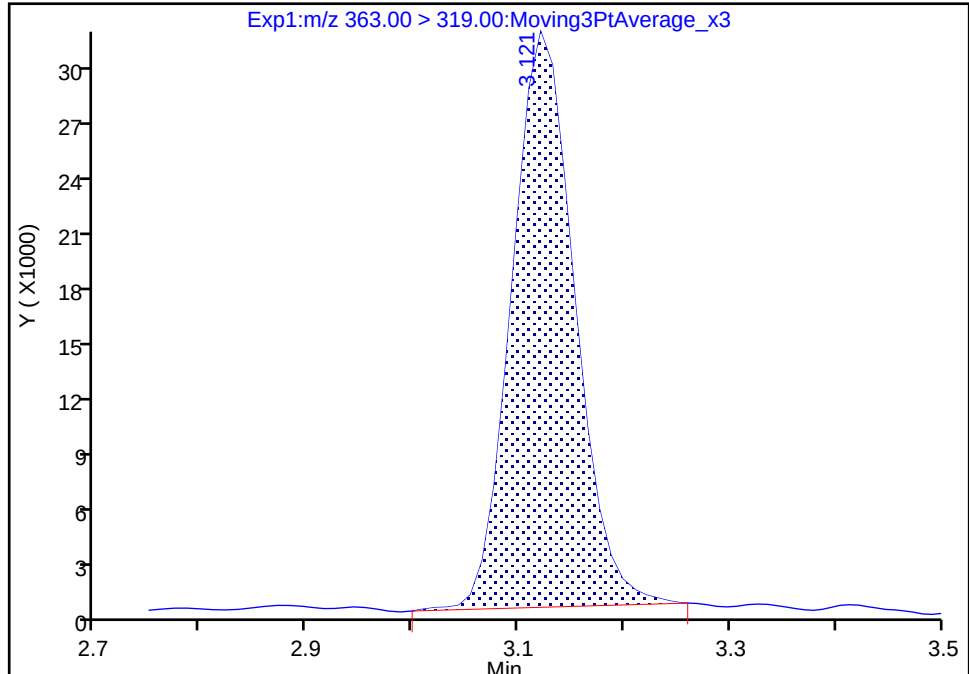
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

10 Perfluoroheptanoic acid, CAS: 375-85-9

Signal: 1

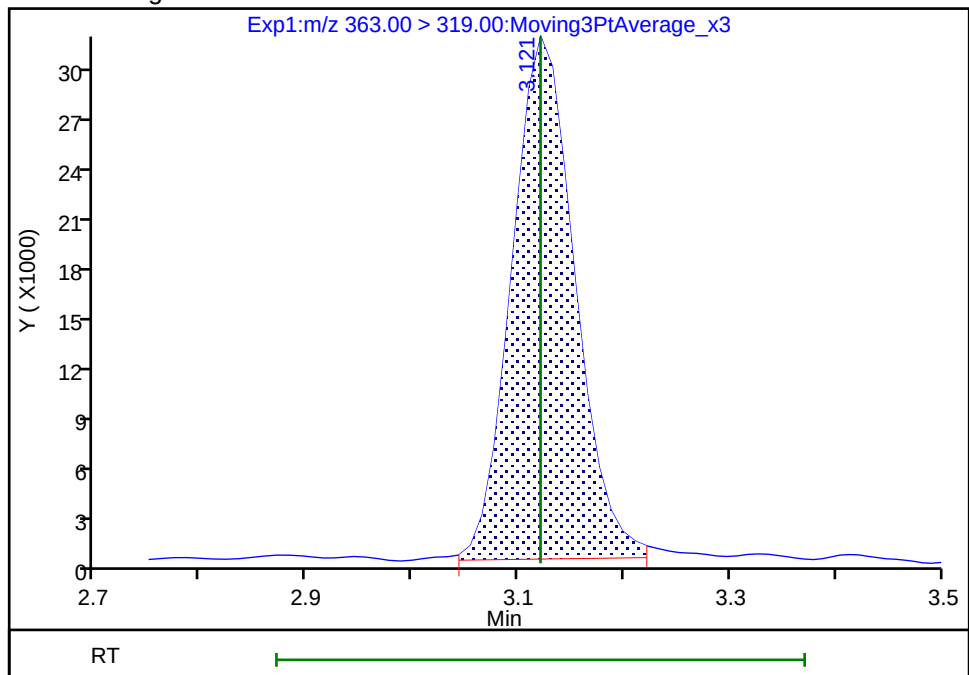
RT: 3.12
Area: 125042
Amount: 0.105137
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 125739
Amount: 0.106159
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:32:39
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

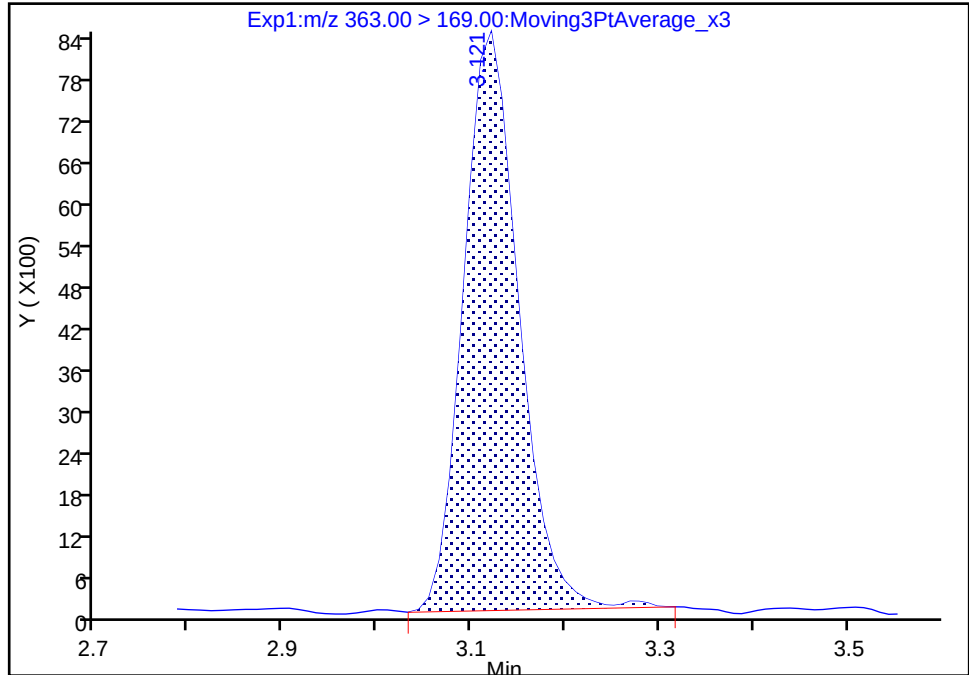
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

10 Perfluoroheptanoic acid, CAS: 375-85-9

Signal: 2

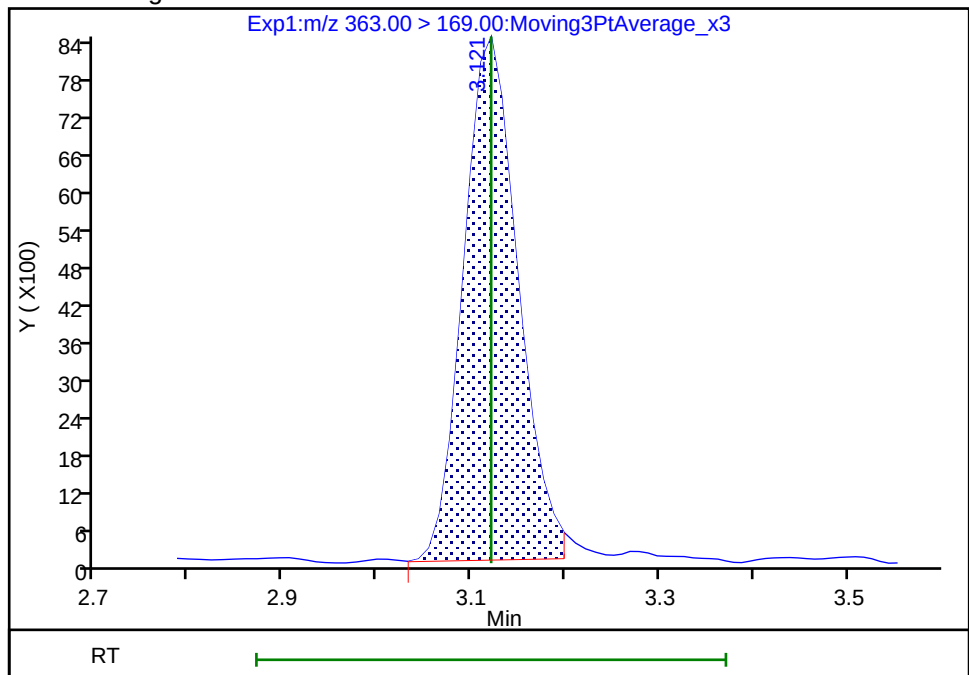
RT: 3.12
Area: 34197
Amount: 0.105137
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 33556
Amount: 0.106159
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:32:43

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

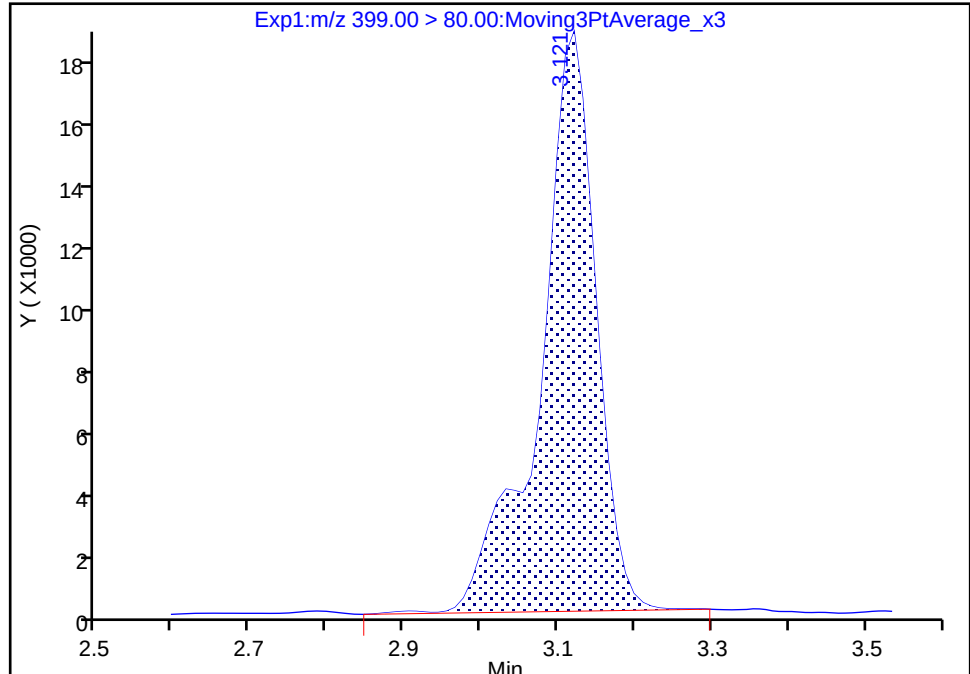
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 1

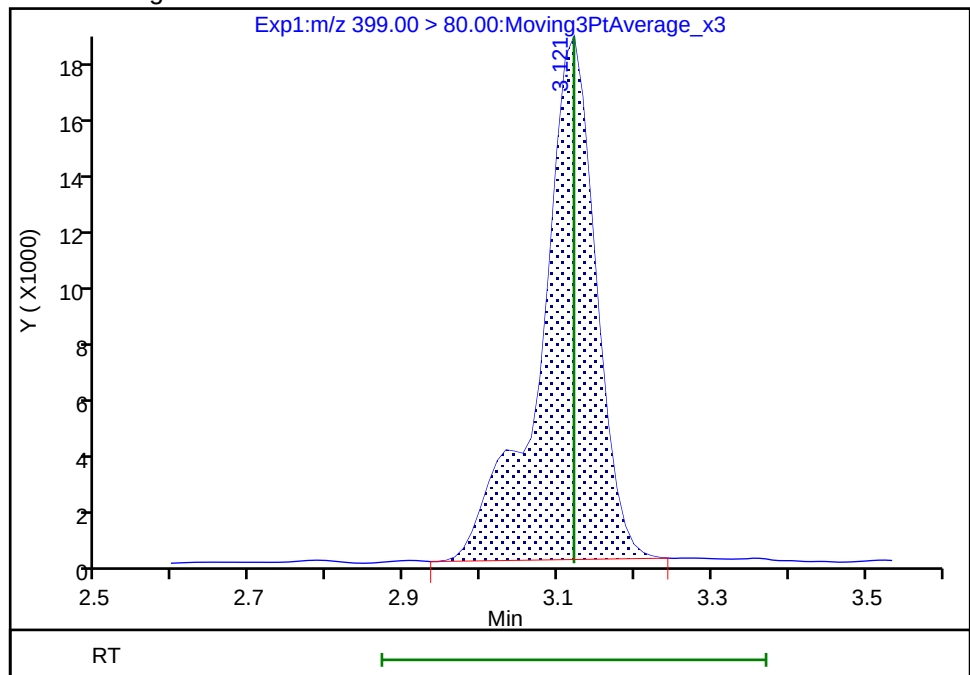
RT: 3.12
Area: 94252
Amount: 0.094092
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 93371
Amount: 0.094739
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:31:45
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

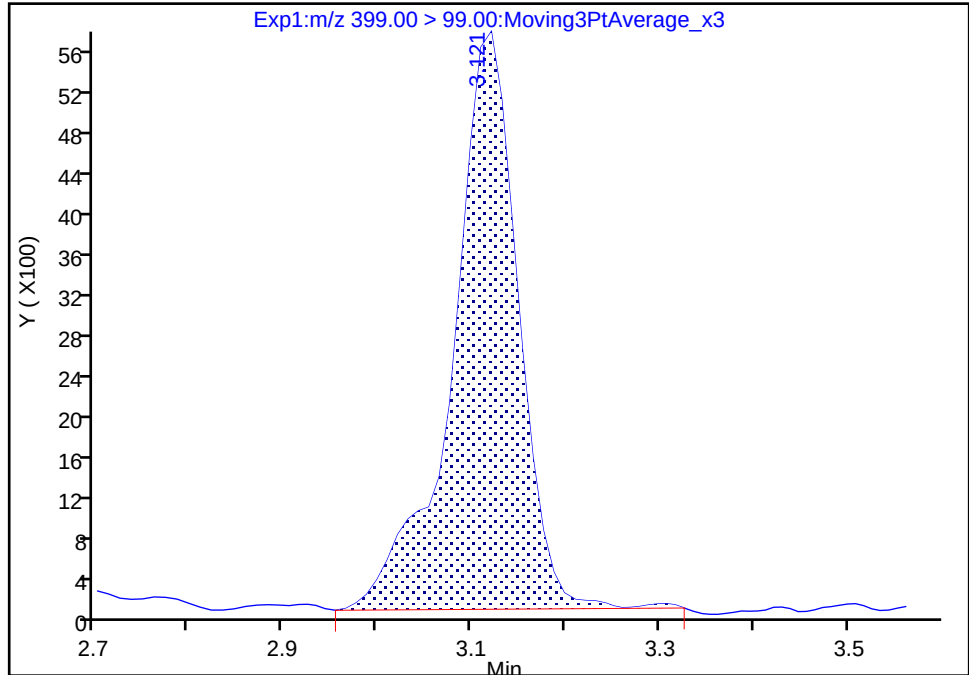
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 2

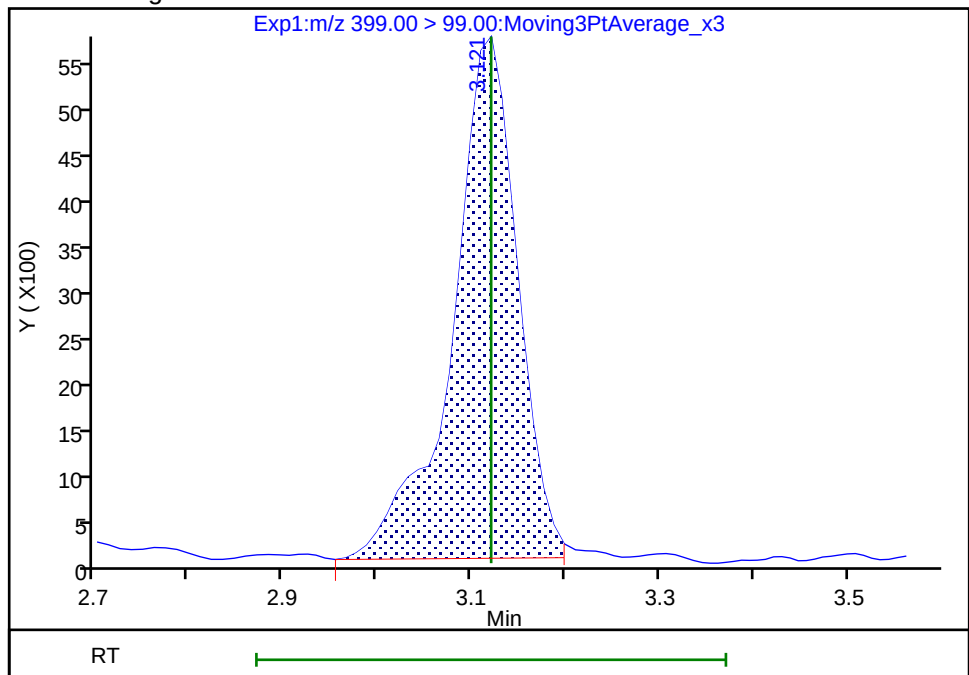
RT: 3.12
Area: 27183
Amount: 0.094092
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 26787
Amount: 0.094739
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:31:53

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

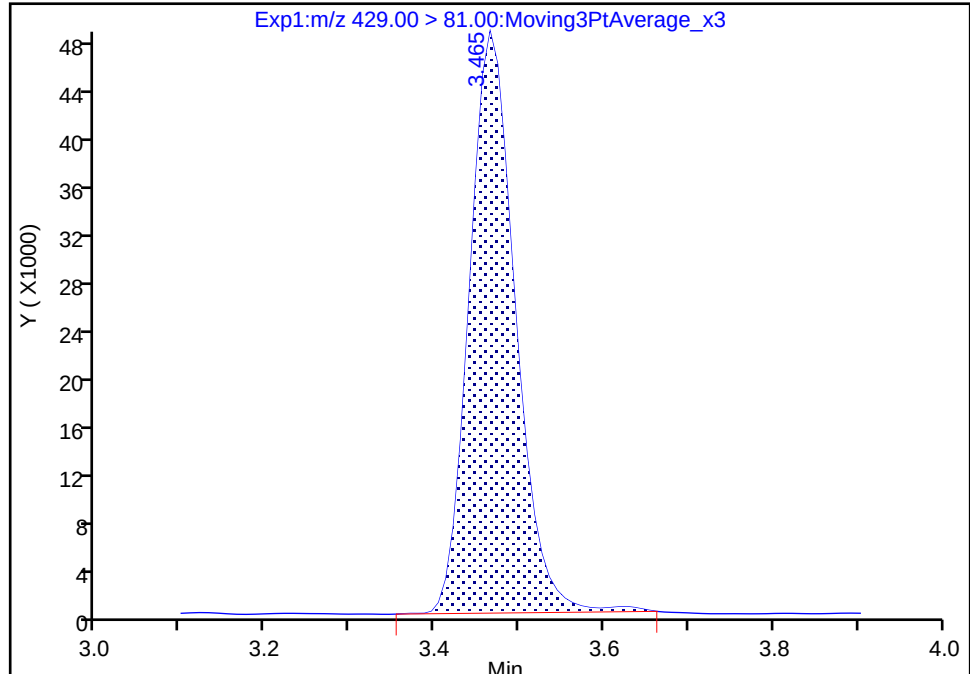
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 12 M2-6:2 FTS, CAS: STL02279

Signal: 1

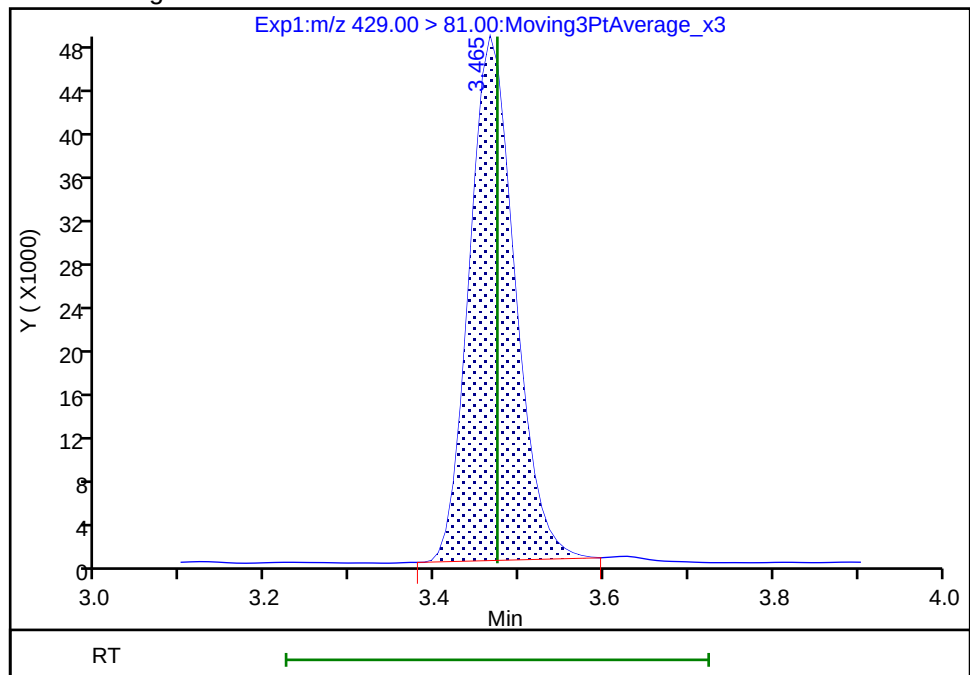
RT: 3.47
Area: 184487
Amount: 1.029828
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 181082
Amount: 1.173379
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:32:56
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

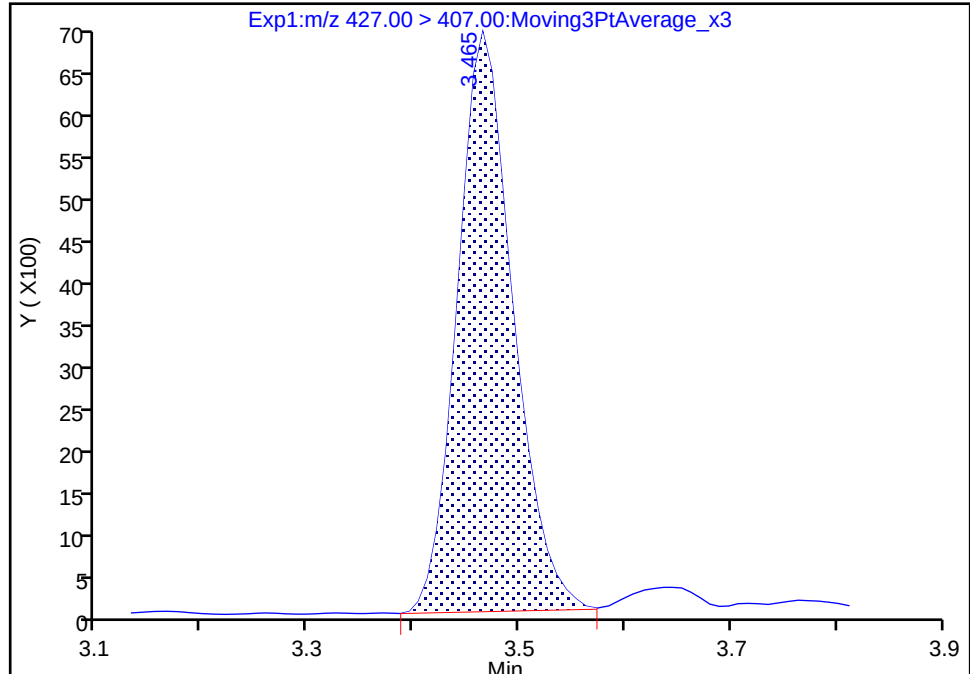
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

13 1H,1H,2H,2H-perfluorooctanesulfo, CAS: 27619-97-2

Signal: 1

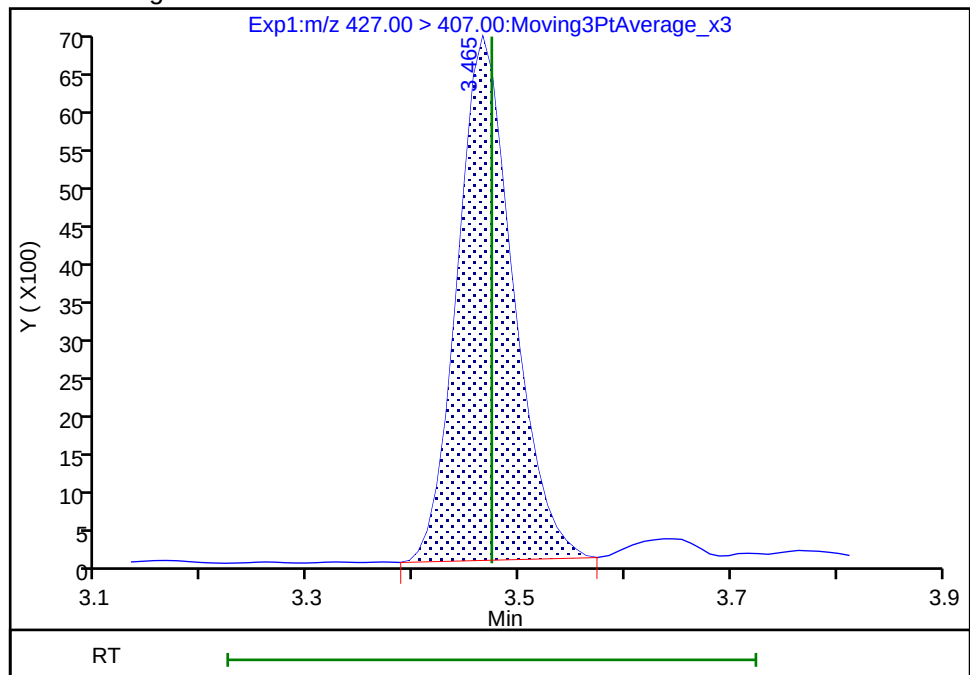
RT: 3.47
Area: 25394
Amount: 0.095907
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 25321
Amount: 0.097144
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:33:29
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

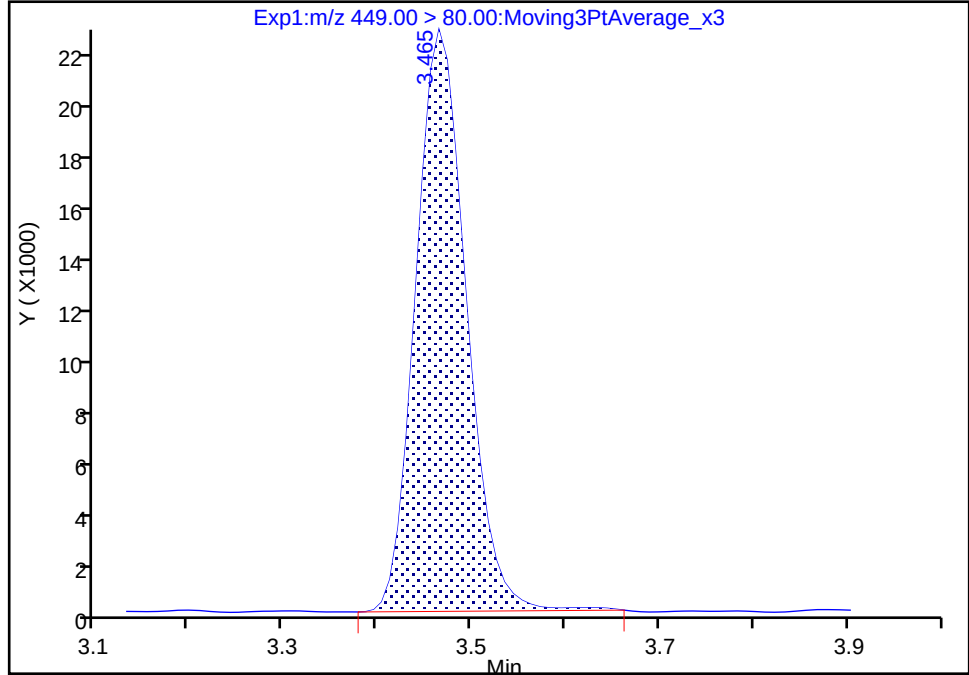
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

16 Perfluoroheptanesulfonic acid, CAS: 375-92-8

Signal: 1

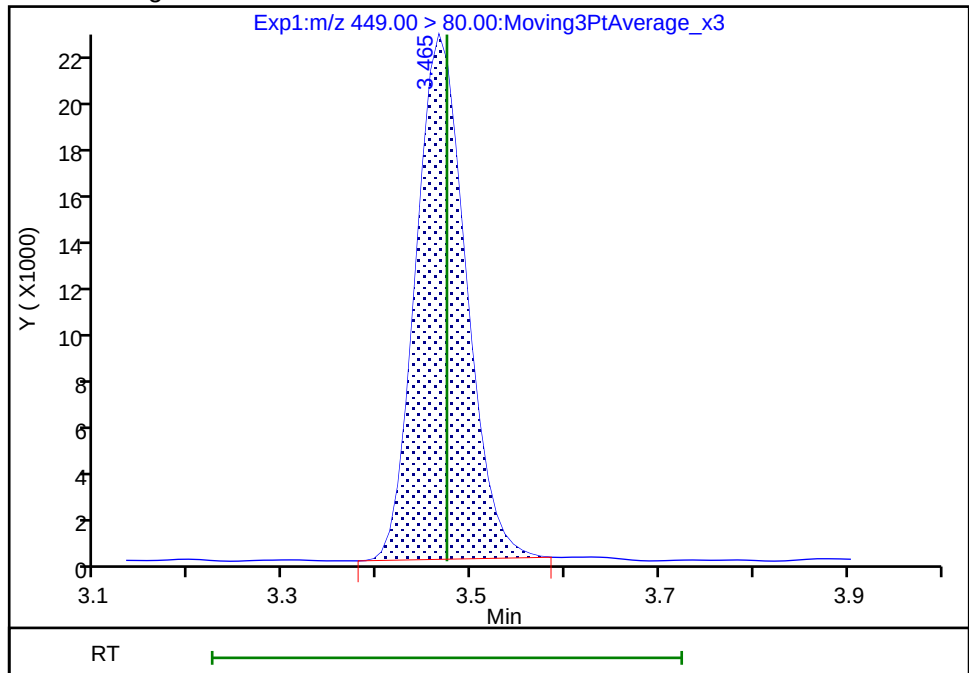
RT: 3.47
Area: 84953
Amount: 0.097992
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 83914
Amount: 0.096496
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:33:08
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

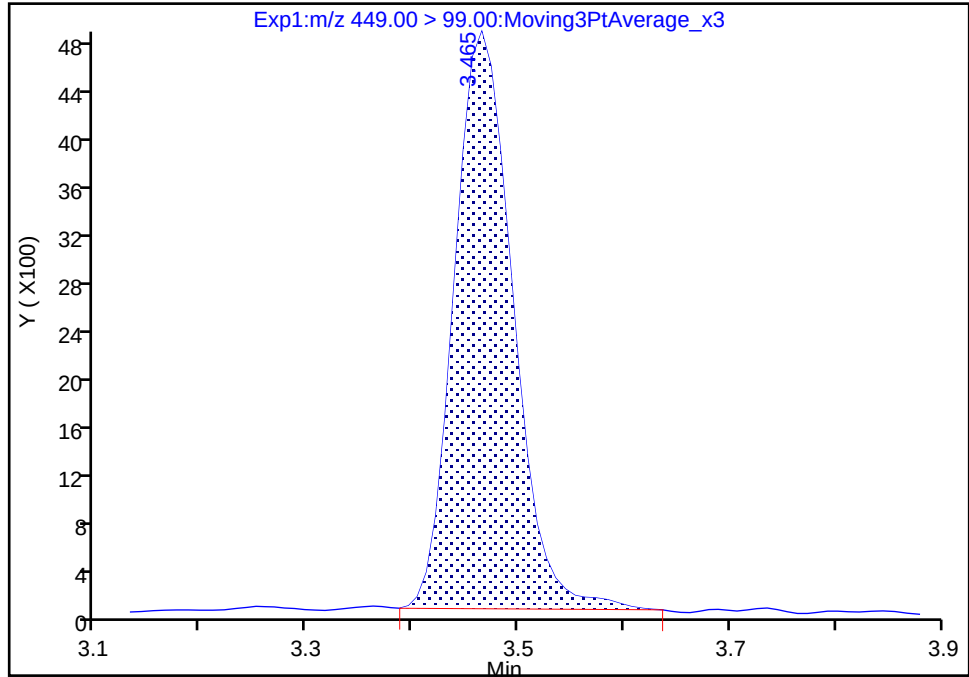
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

16 Perfluoroheptanesulfonic acid, CAS: 375-92-8

Signal: 2

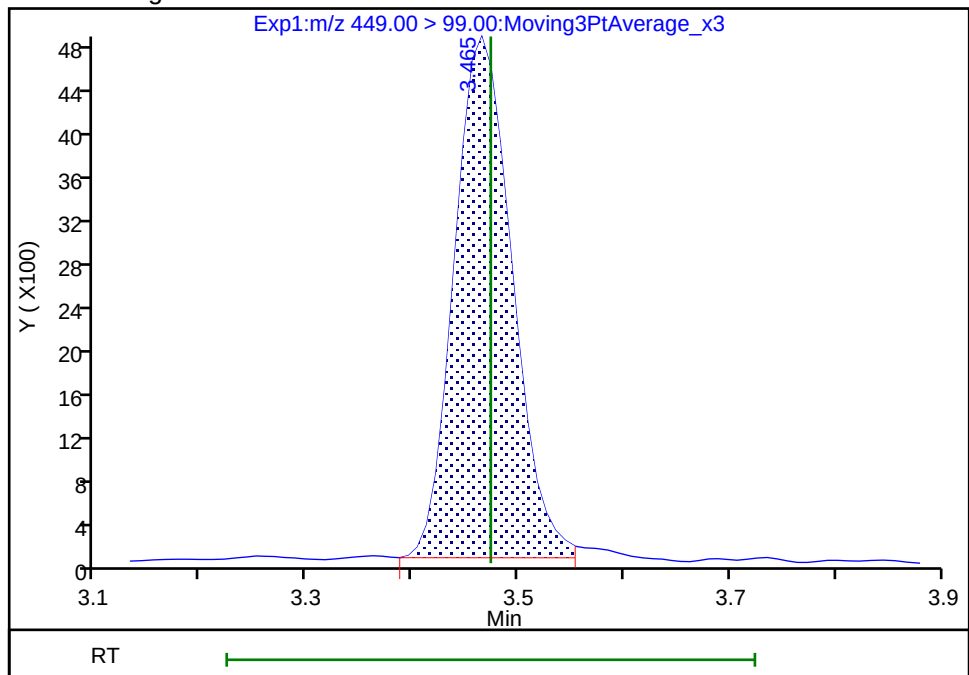
RT: 3.47
Area: 18392
Amount: 0.097992
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 18089
Amount: 0.096496
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:33:21

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

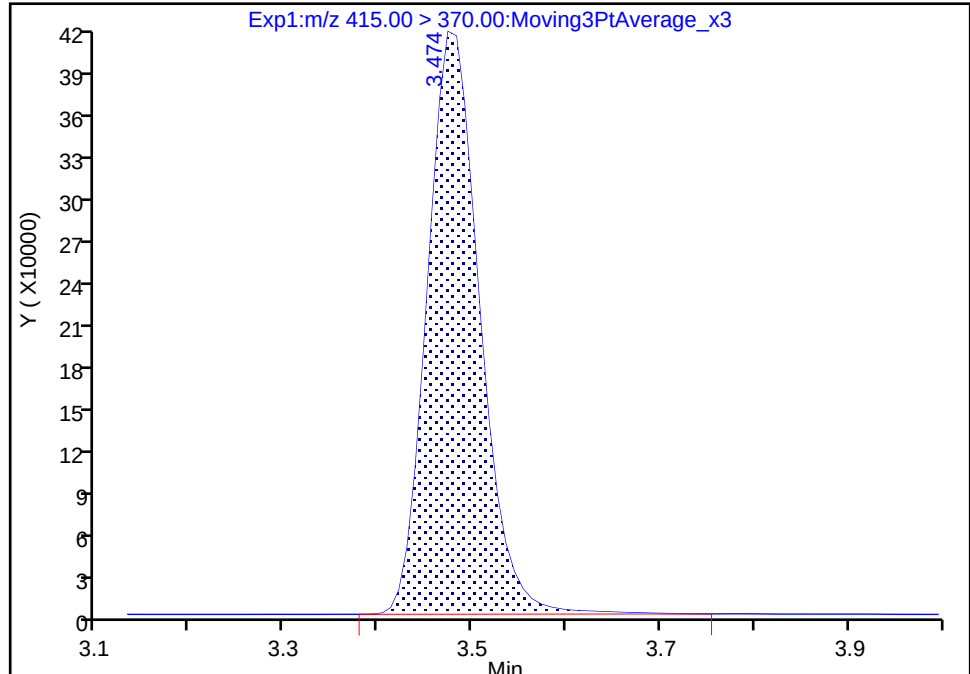
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

* 62 13C2 PFOA, CAS: STL00623

Signal: 1

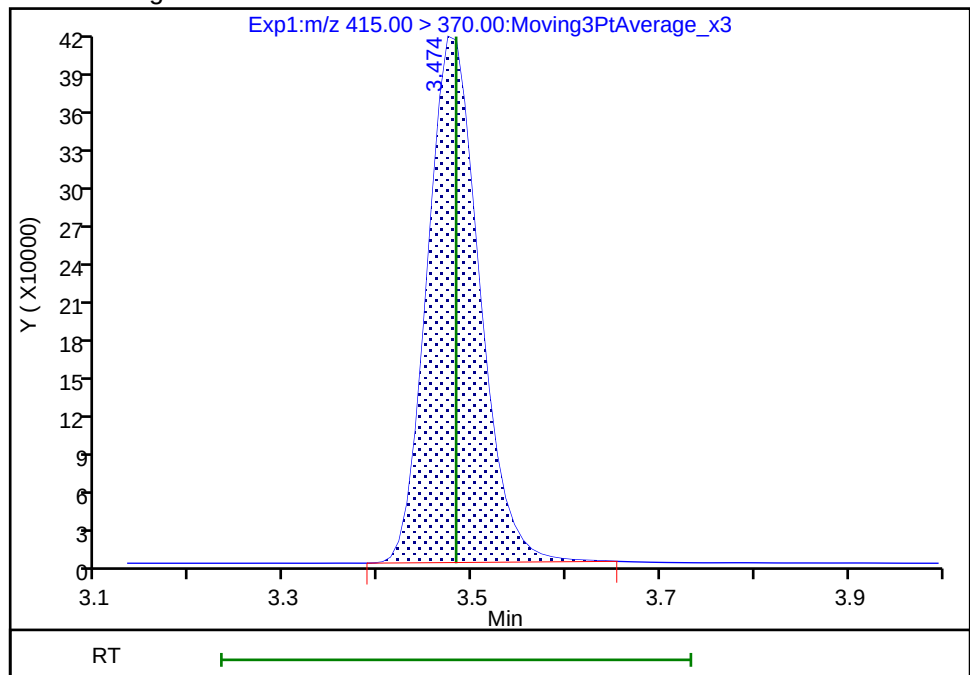
RT: 3.47
Area: 1589998
Amount: 1.250000
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 1577768
Amount: 1.250000
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:33:35
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

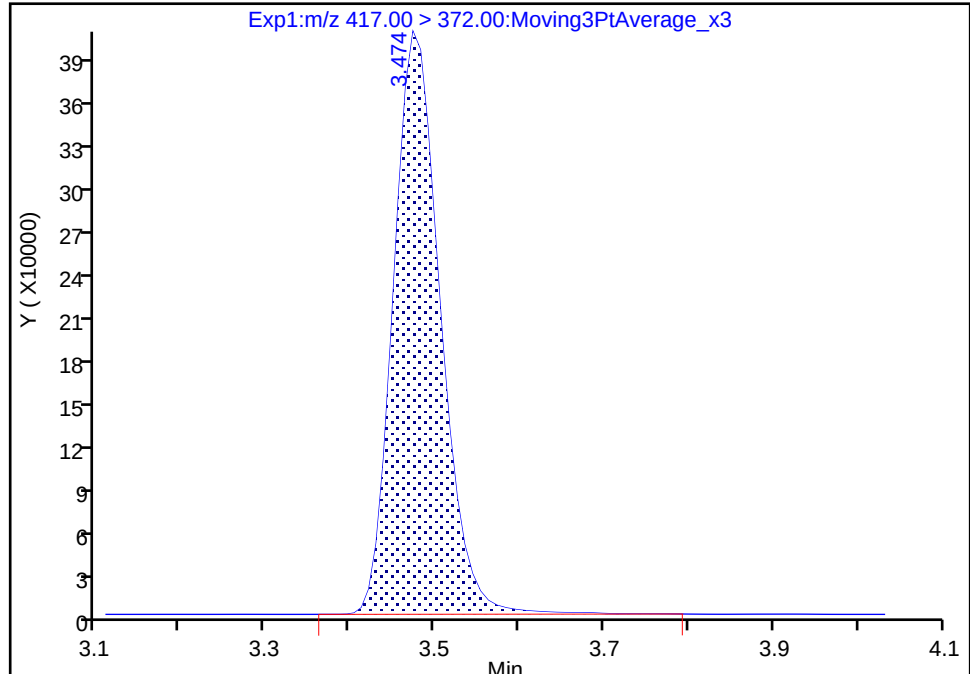
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 14 13C4 PFOA, CAS: STL00990

Signal: 1

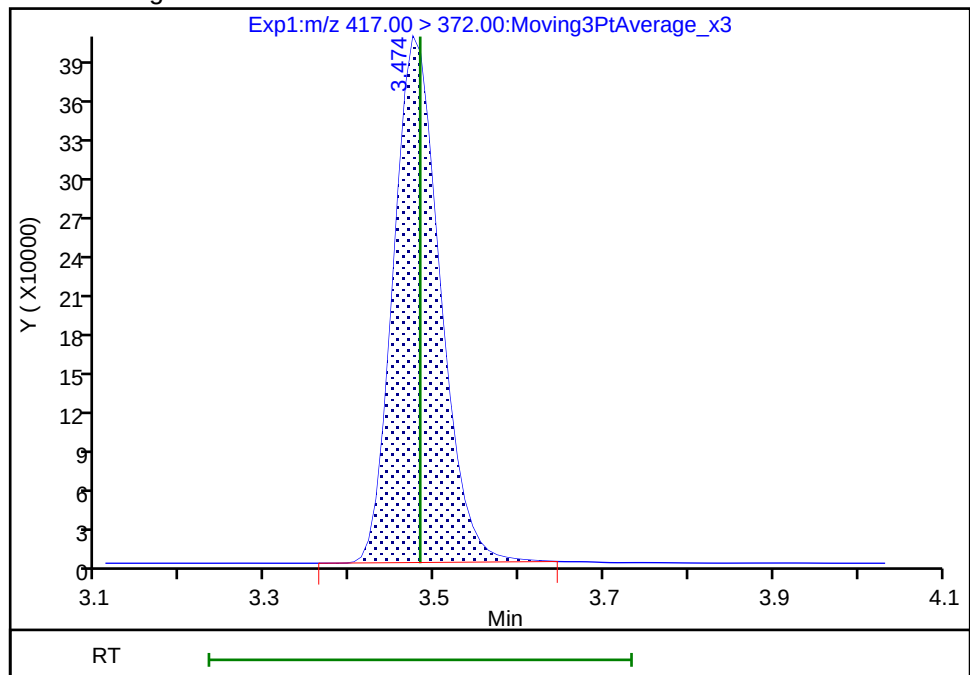
RT: 3.47
Area: 1563622
Amount: 1.313348
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 1549546
Amount: 1.288821
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:33:52

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

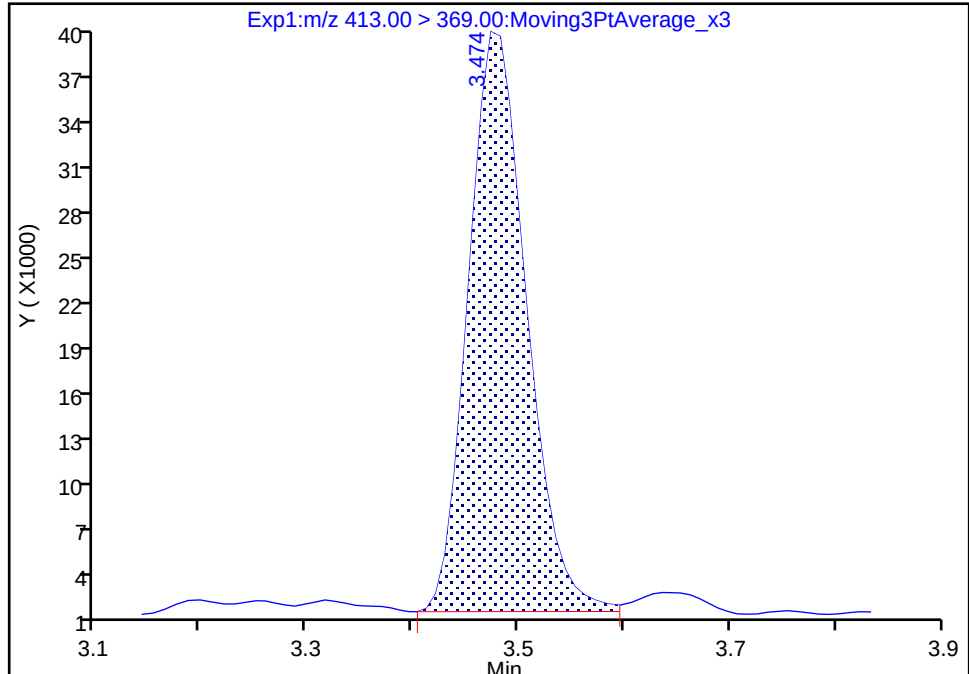
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 1

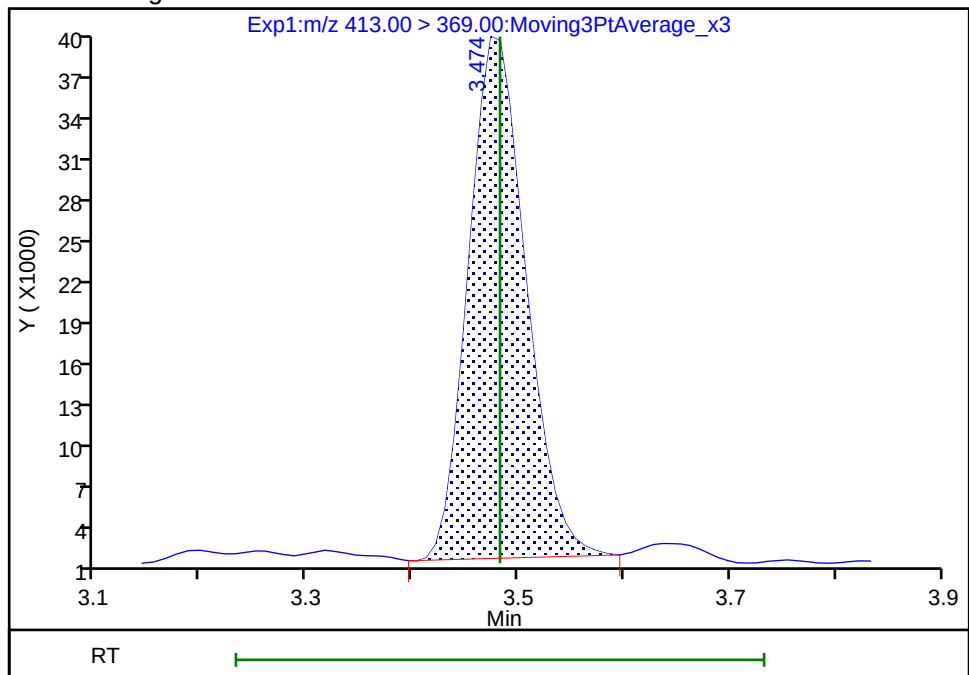
RT: 3.47
Area: 144067
Amount: 0.101370
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 141576
Amount: 0.101844
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:34:00
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

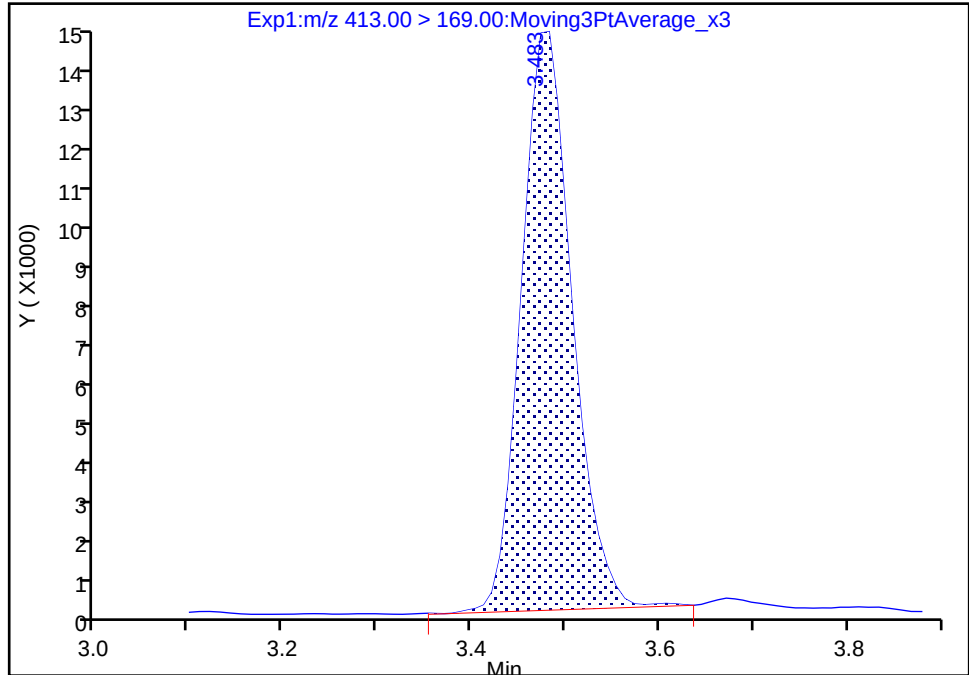
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 2

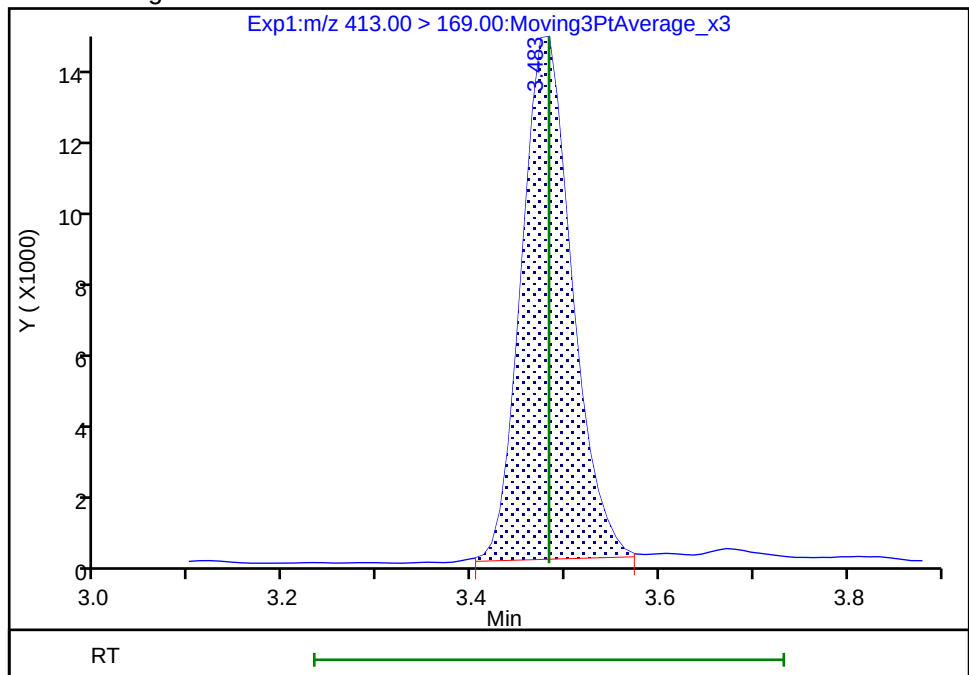
RT: 3.48
Area: 53590
Amount: 0.101370
Amount Units: ng/ml

Processing Integration Results



RT: 3.48
Area: 53235
Amount: 0.101844
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:34:12

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

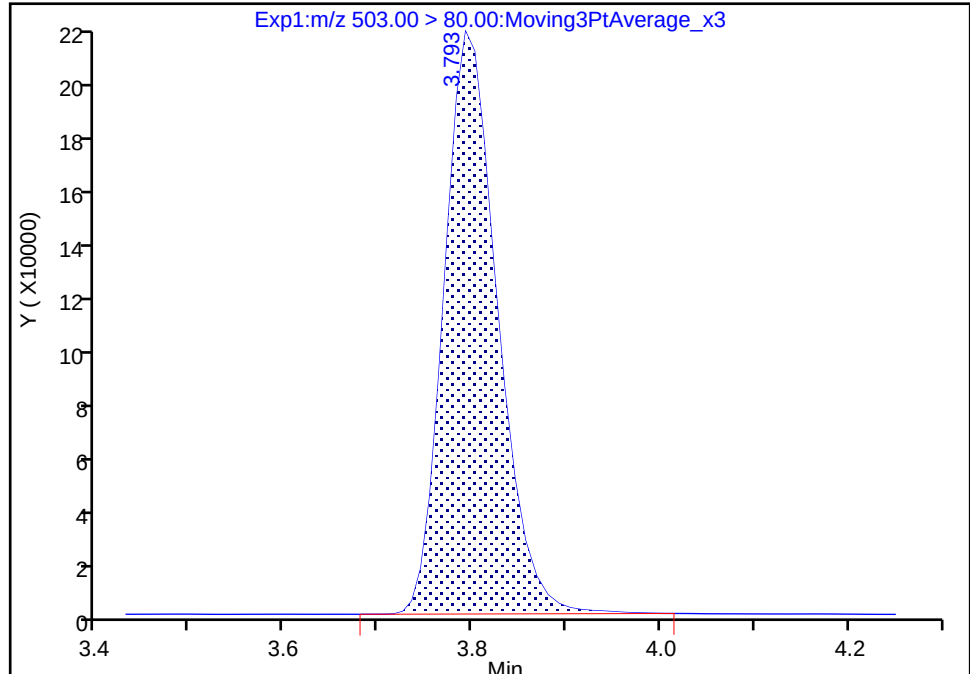
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 18 13C4 PFOS, CAS: STL00991

Signal: 1

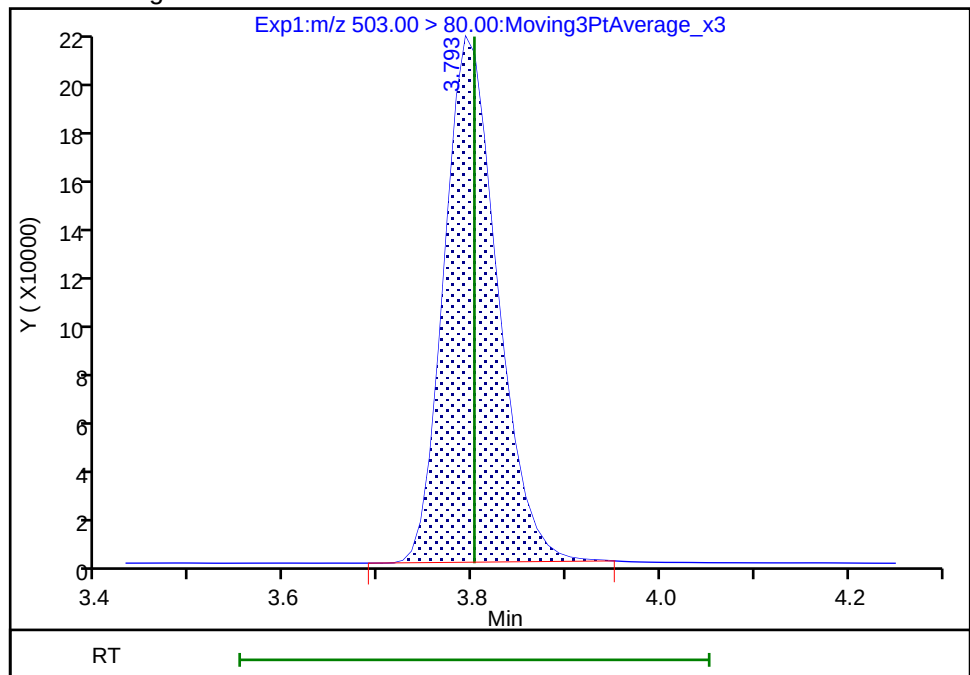
RT: 3.79
Area: 846962
Amount: 1.001046
Amount Units: ng/ml

Processing Integration Results



RT: 3.79
Area: 840757
Amount: 1.221160
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:34:22

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

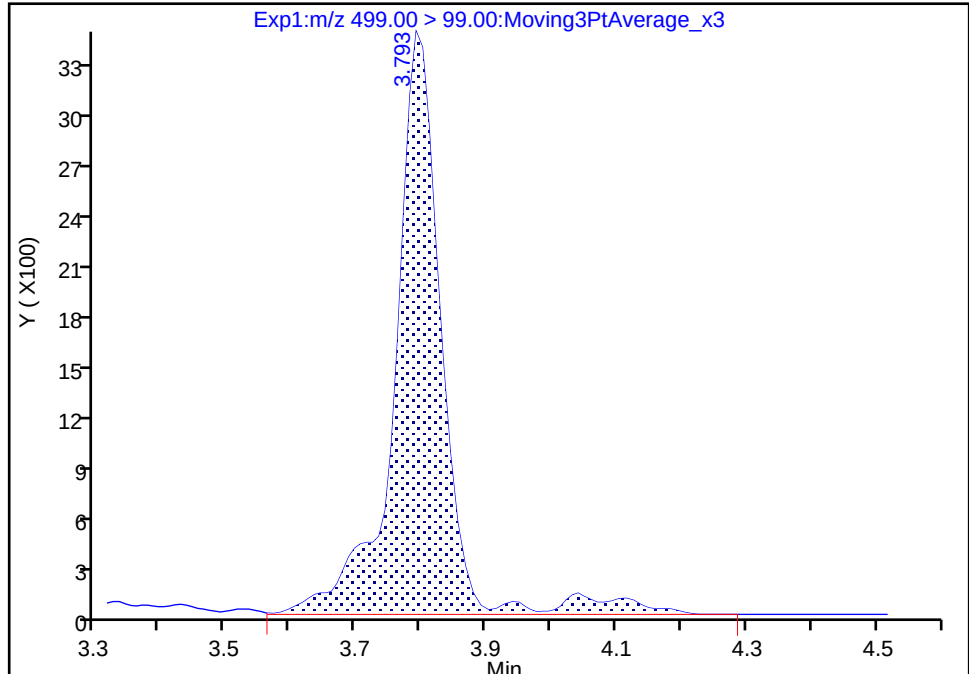
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 2

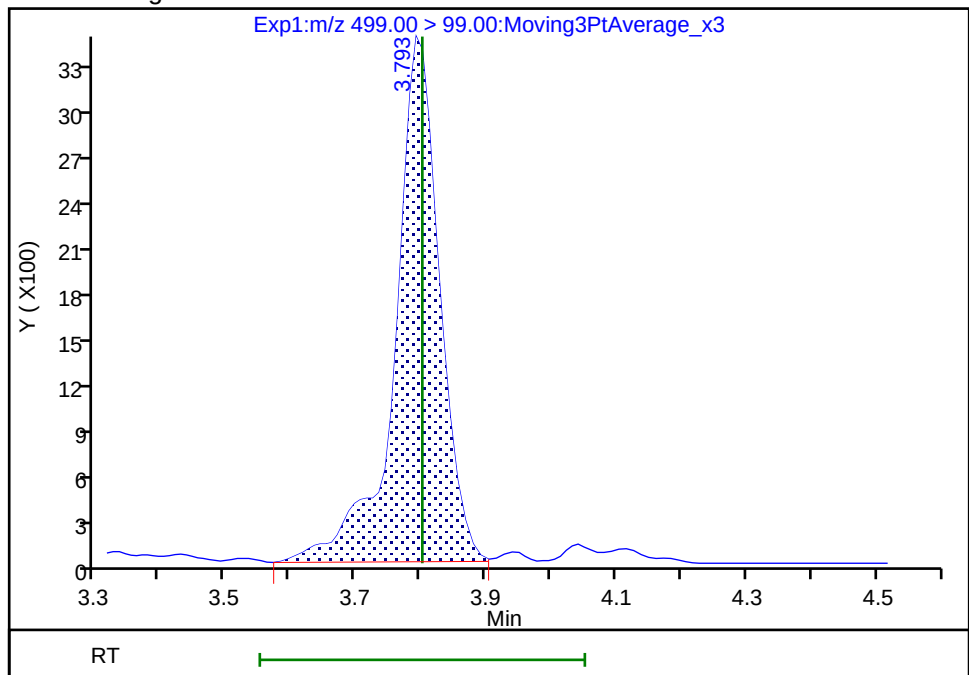
RT: 3.79
Area: 17385
Amount: 0.112007
Amount Units: ng/ml

Processing Integration Results



RT: 3.79
Area: 16176
Amount: 0.092356
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:34:49
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

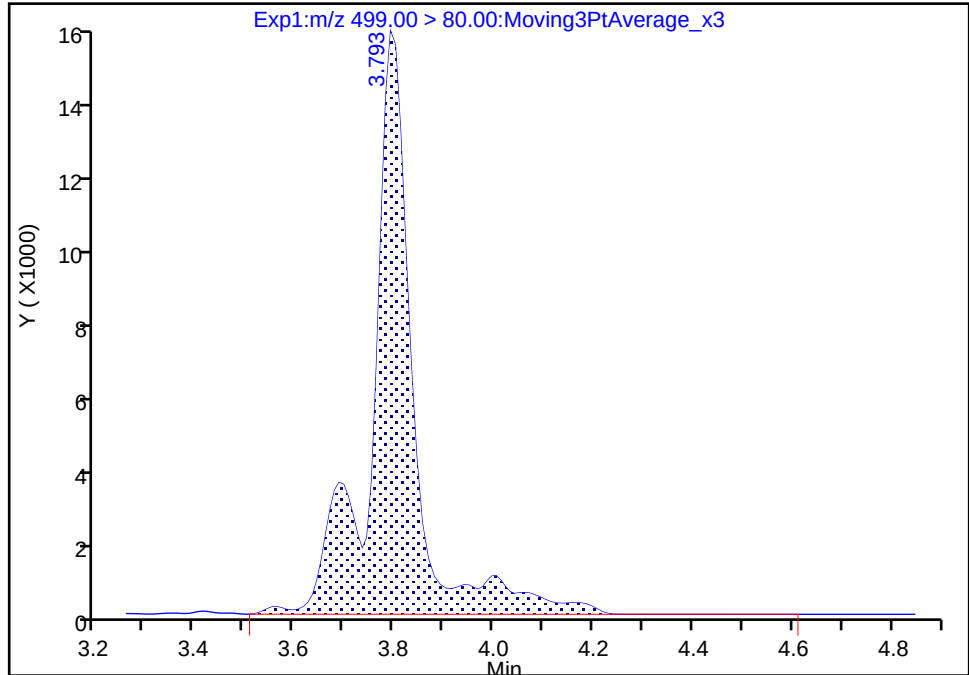
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 1

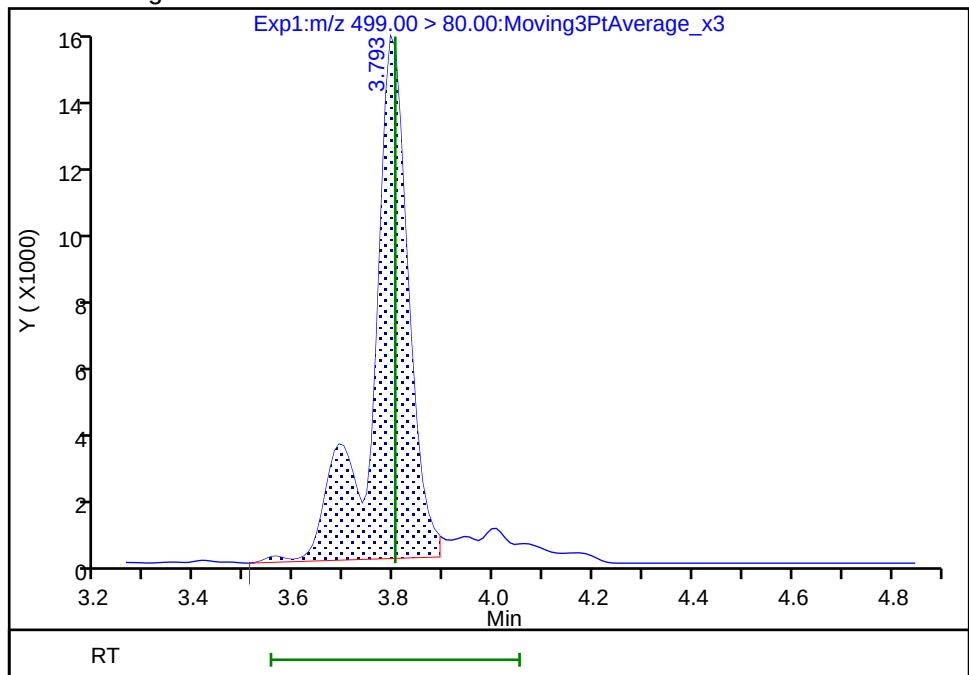
RT: 3.79
Area: 90332
Amount: 0.112007
Amount Units: ng/ml

Processing Integration Results



RT: 3.79
Area: 77581
Amount: 0.092356
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:34:55

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

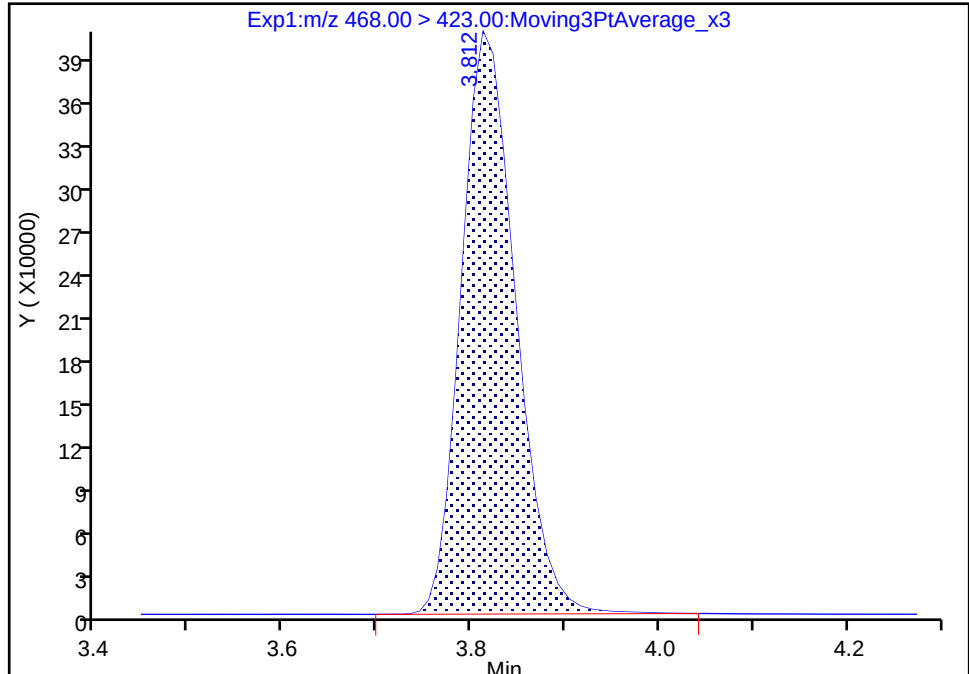
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 19 13C5 PFNA, CAS: STL00995

Signal: 1

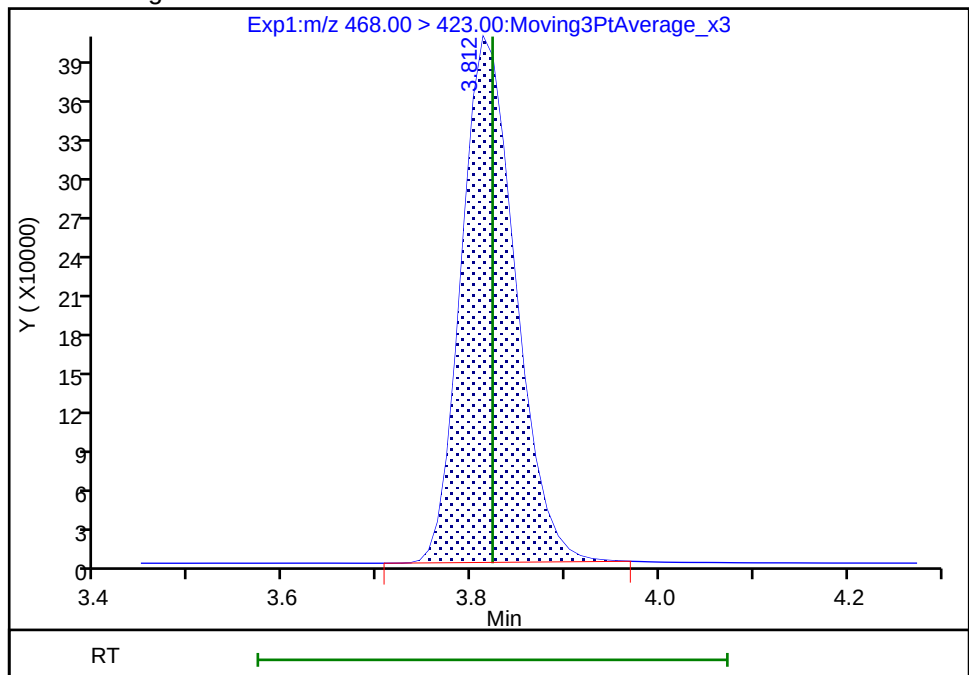
RT: 3.81
Area: 1611807
Amount: 1.247832
Amount Units: ng/ml

Processing Integration Results



RT: 3.81
Area: 1602191
Amount: 1.283603
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:35:01

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

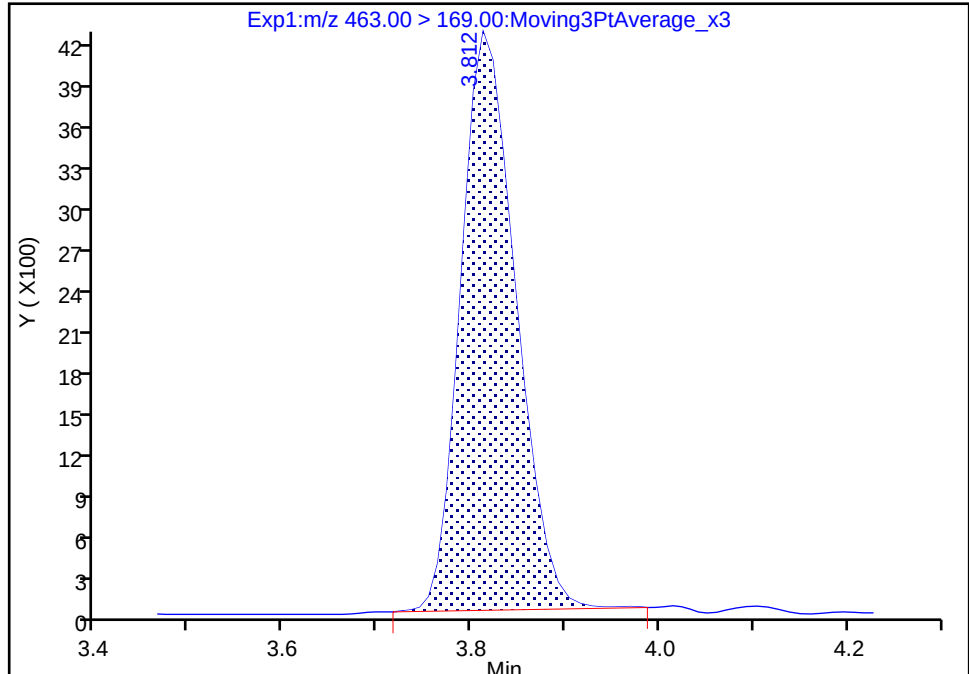
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

20 Perfluorononanoic acid, CAS: 375-95-1

Signal: 2

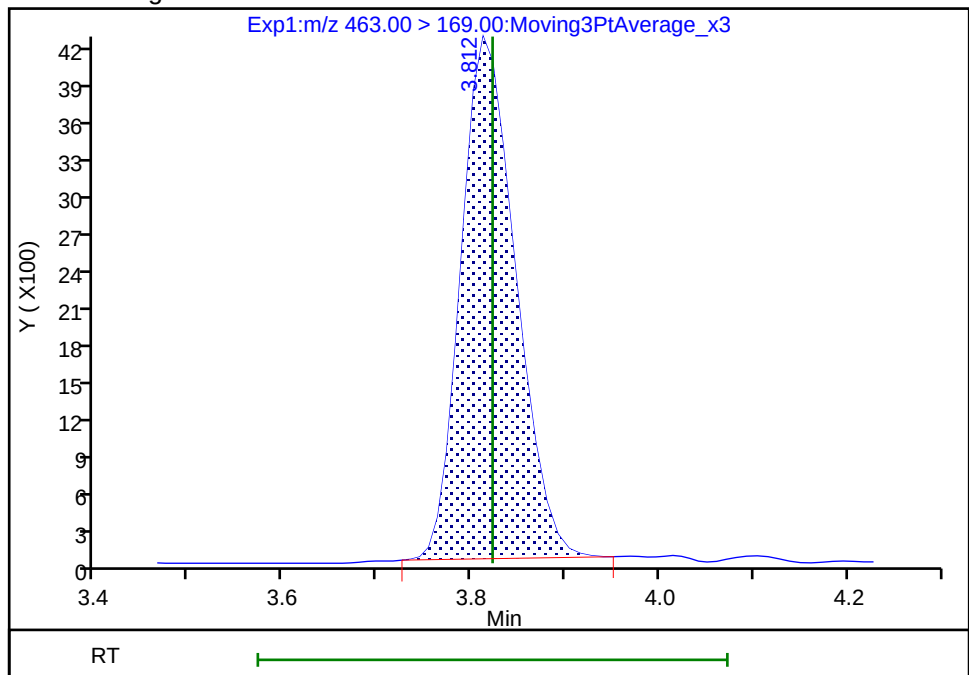
RT: 3.81
Area: 17148
Amount: 0.104027
Amount Units: ng/ml

Processing Integration Results



RT: 3.81
Area: 17042
Amount: 0.101234
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:35:07
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

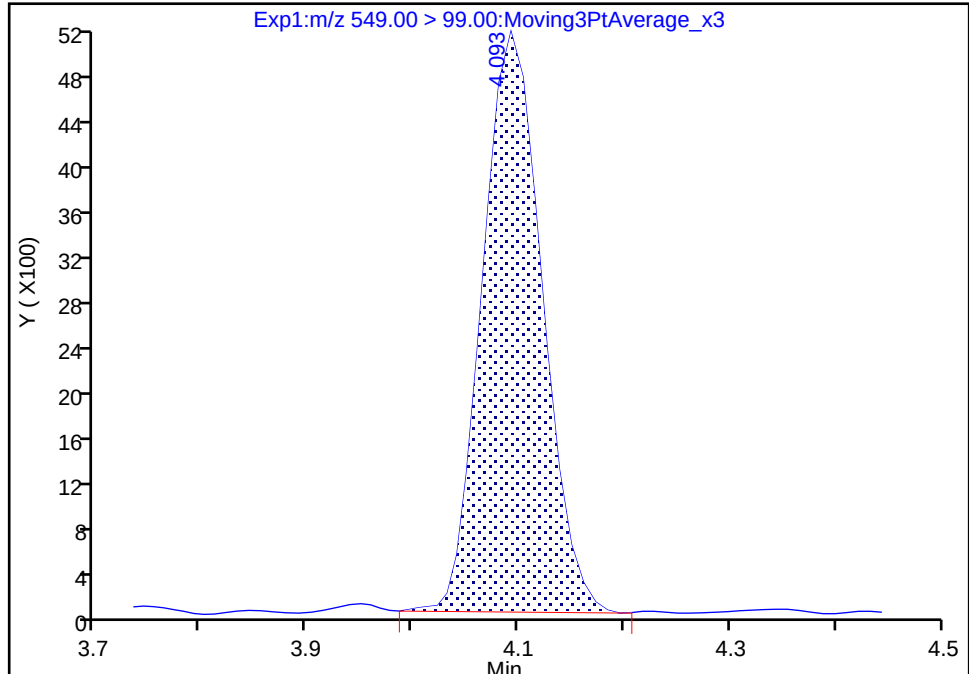
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

68 Perfluoronanesulfonic acid, CAS: 68259-12-1

Signal: 2

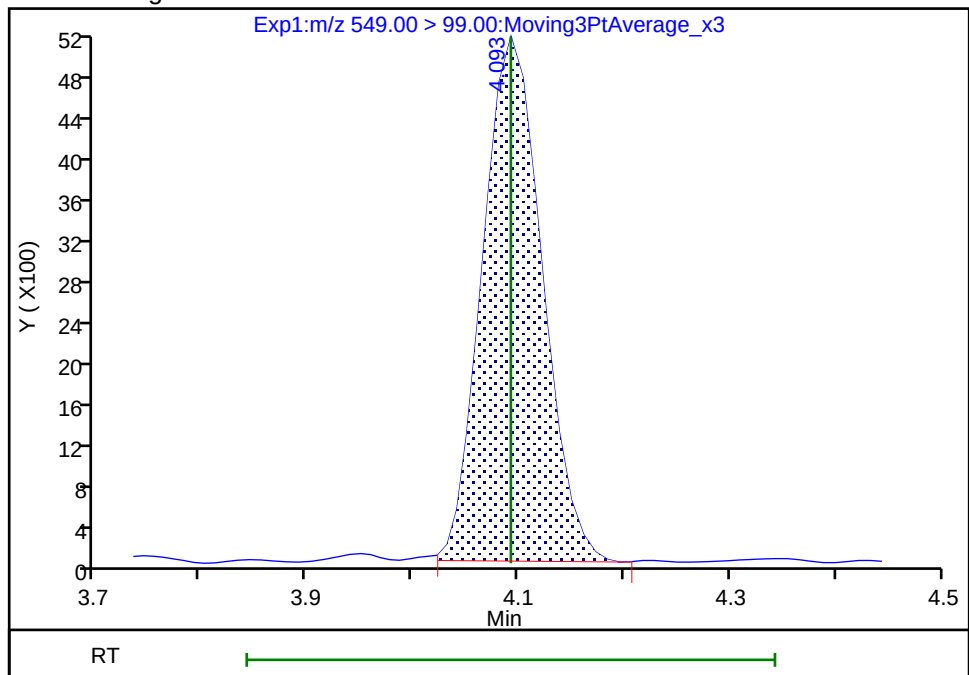
RT: 4.09
Area: 20122
Amount: 0.099986
Amount Units: ng/ml

Processing Integration Results



RT: 4.09
Area: 20056
Amount: 0.101621
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:35:16
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

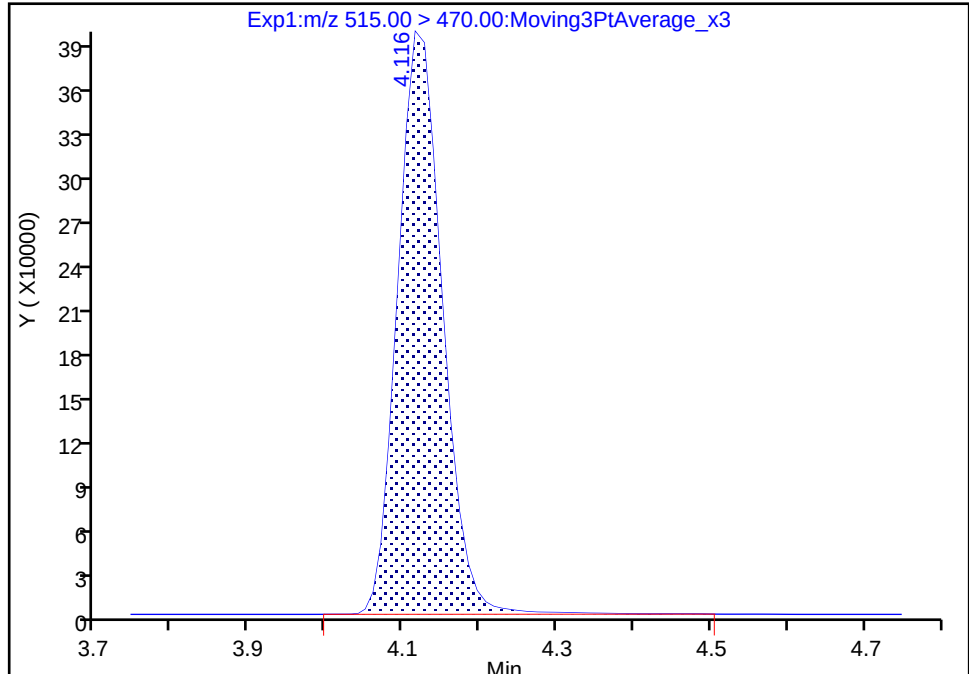
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 23 13C2 PFDA, CAS: STL00996

Signal: 1

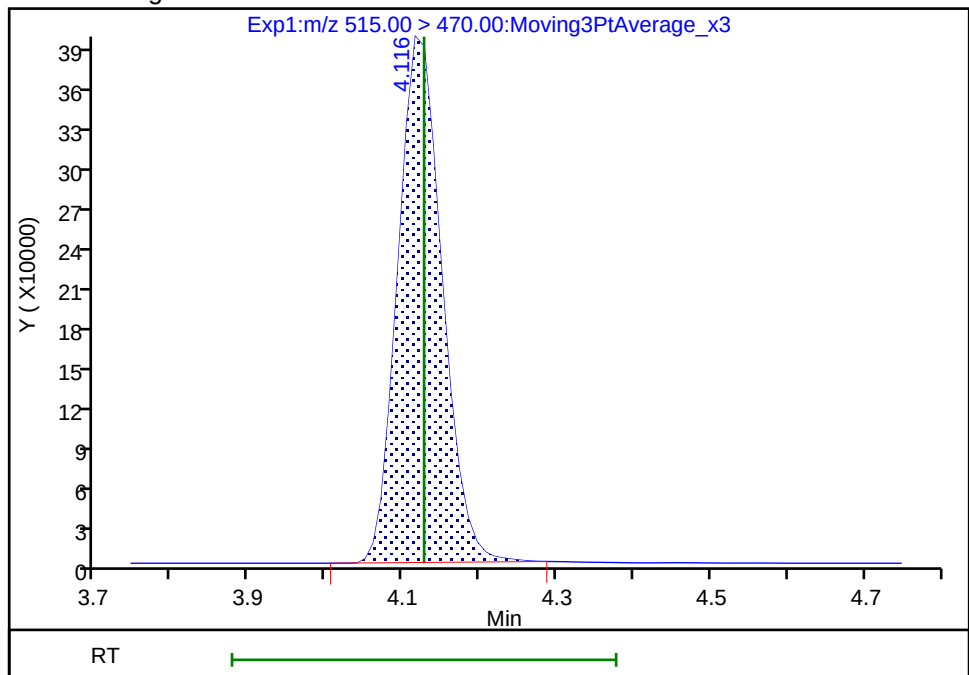
RT: 4.12
Area: 1608102
Amount: 1.298739
Amount Units: ng/ml

Processing Integration Results



RT: 4.12
Area: 1591995
Amount: 1.310511
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:35:21
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

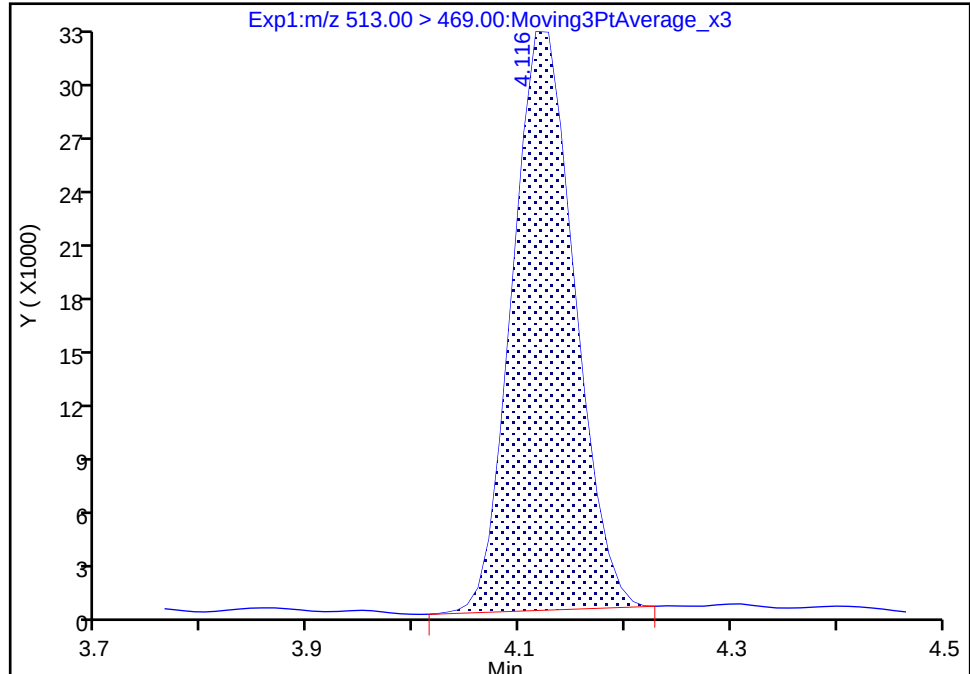
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

24 Perfluorodecanoic acid, CAS: 335-76-2

Signal: 1

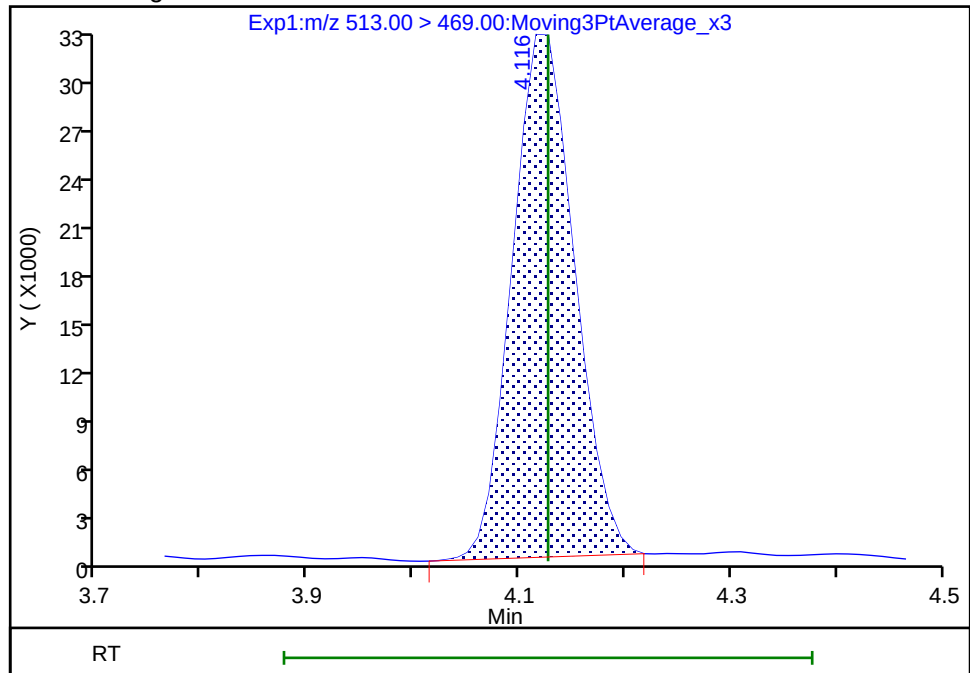
RT: 4.12
Area: 131387
Amount: 0.097713
Amount Units: ng/ml

Processing Integration Results



RT: 4.12
Area: 131103
Amount: 0.097879
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:35:29
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

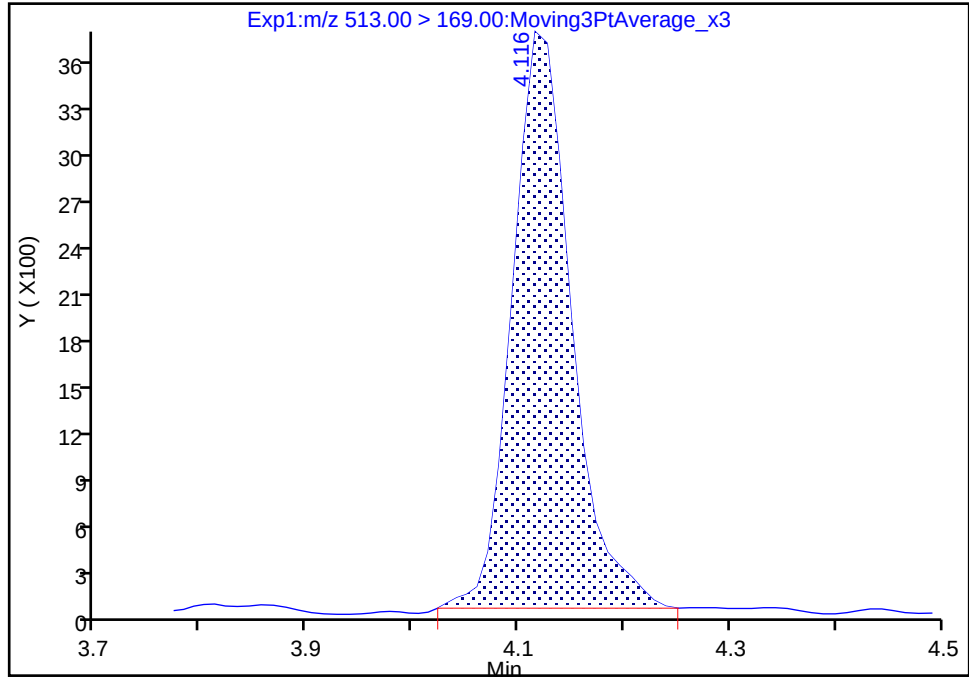
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

24 Perfluorodecanoic acid, CAS: 335-76-2

Signal: 2

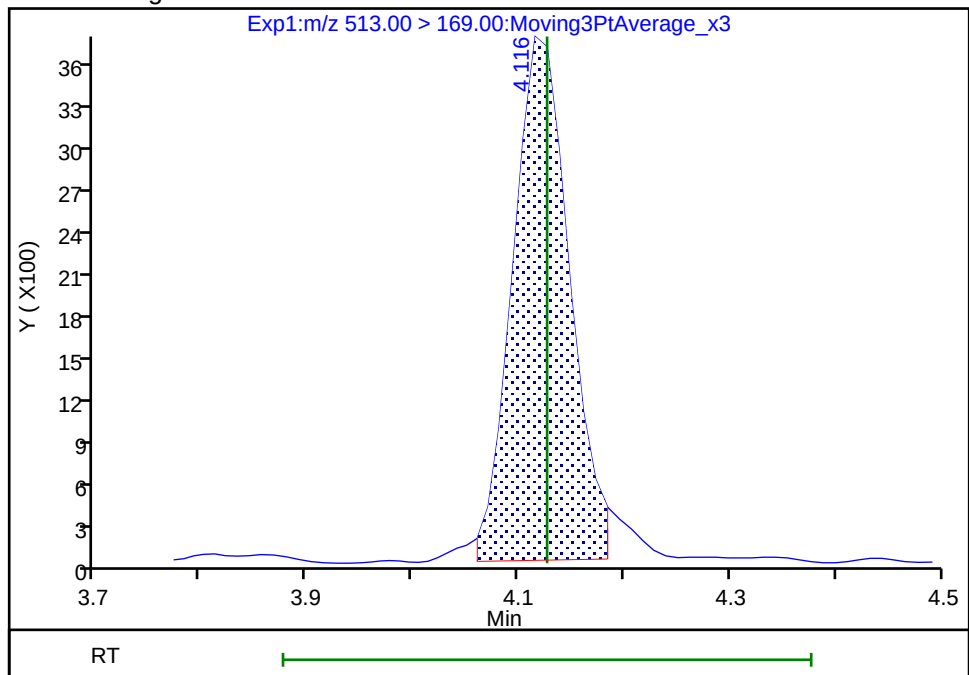
RT: 4.12
Area: 14638
Amount: 0.097713
Amount Units: ng/ml

Processing Integration Results



RT: 4.12
Area: 14057
Amount: 0.097879
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:35:39

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

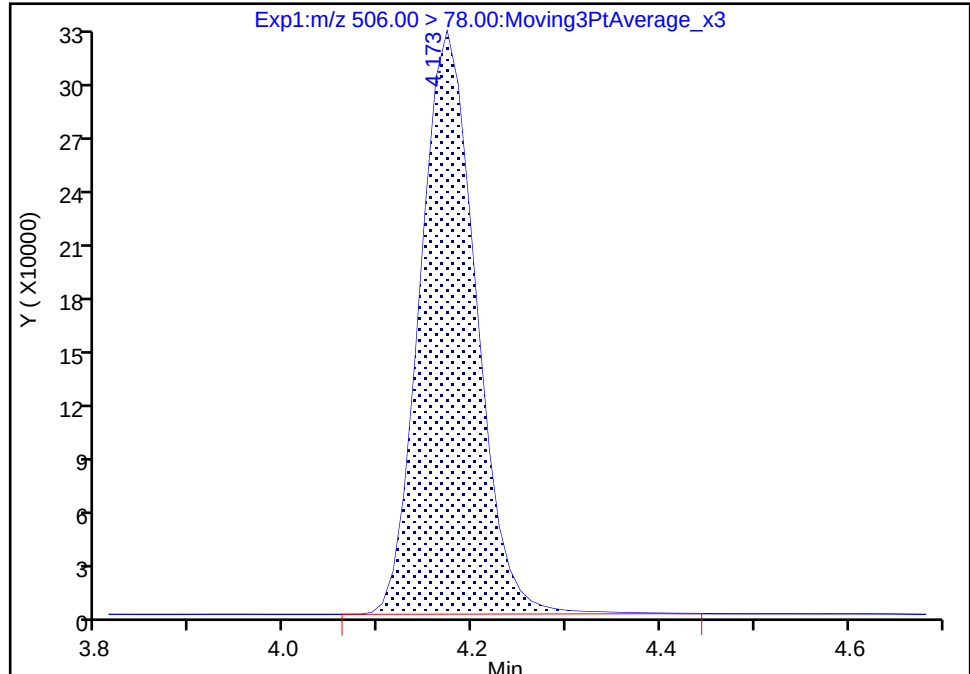
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 21 13C8 FOSA, CAS: STL01056

Signal: 1

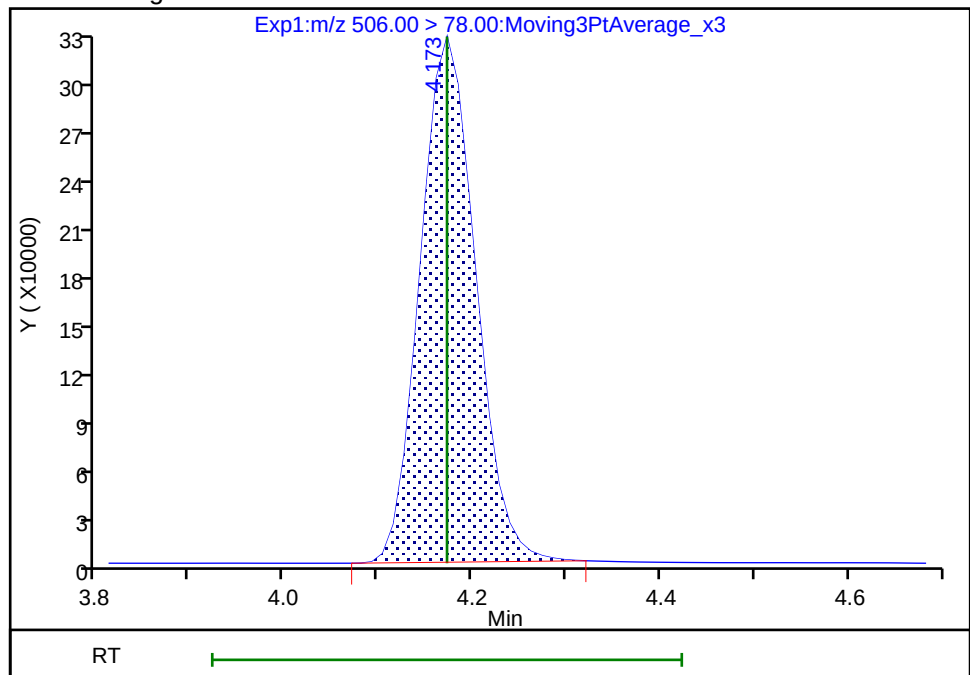
RT: 4.17
Area: 1359326
Amount: 1.056356
Amount Units: ng/ml

Processing Integration Results



RT: 4.17
Area: 1346274
Amount: 1.266231
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:35:49

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

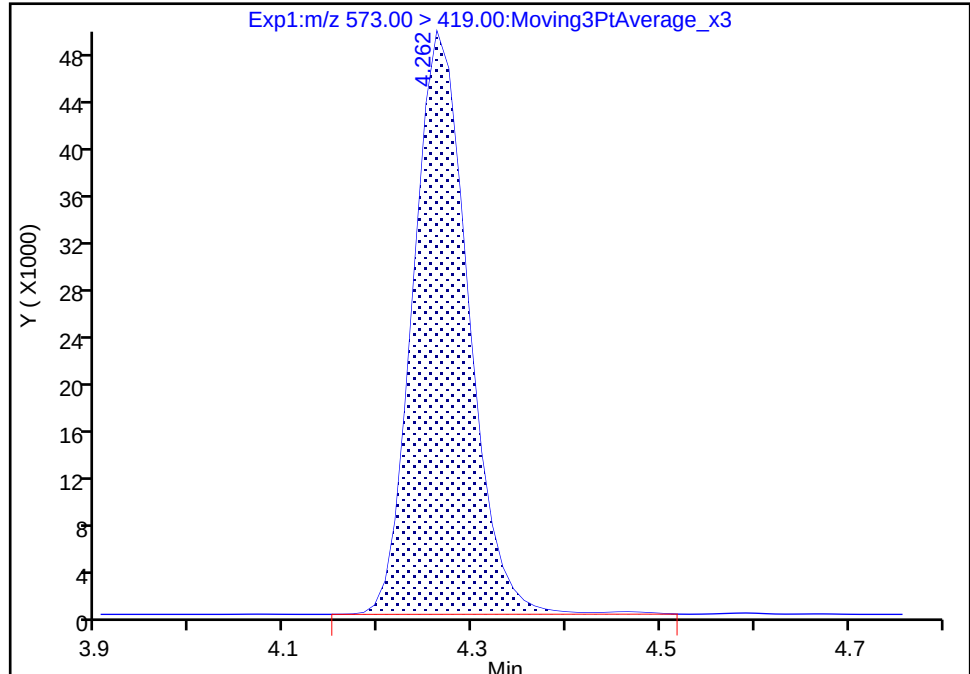
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 27 d3-NMeFOSAA, CAS: STL02118

Signal: 1

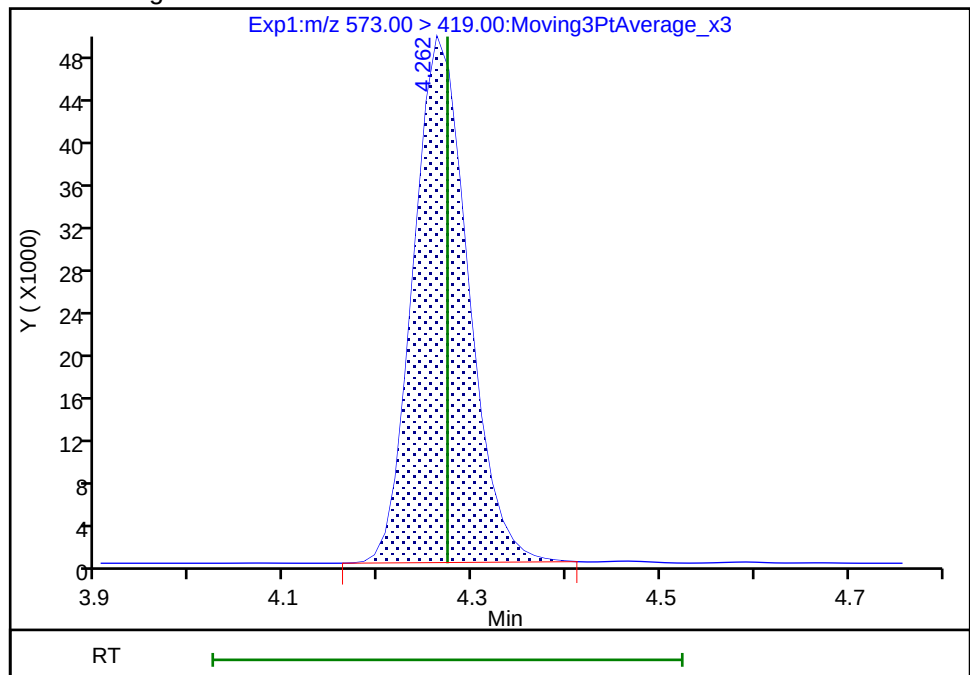
RT: 4.26
Area: 202522
Amount: 1.217142
Amount Units: ng/ml

Processing Integration Results



RT: 4.26
Area: 200758
Amount: 1.233004
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:35:57
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

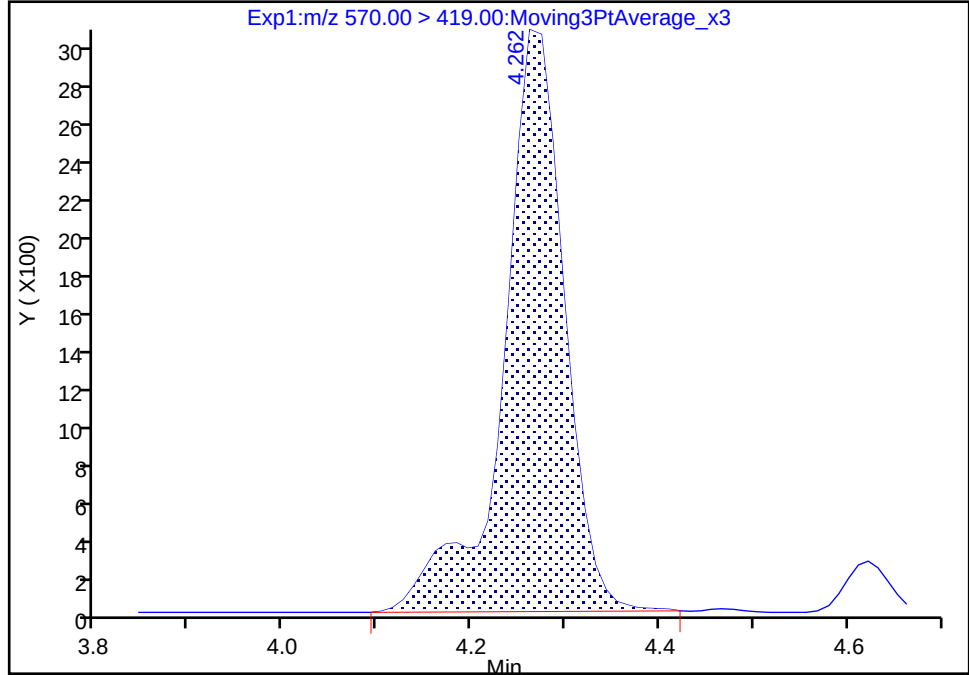
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

28 N-methylperfluorooctanesulfonami, CAS: 2355-31-9

Signal: 1

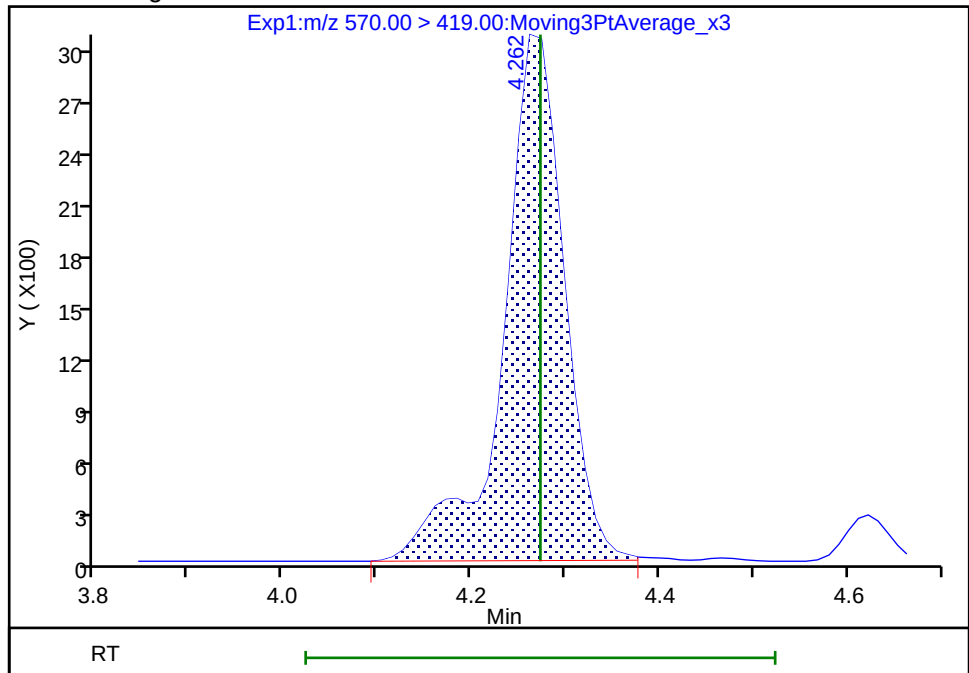
RT: 4.26
Area: 13754
Amount: 0.096610
Amount Units: ng/ml

Processing Integration Results



RT: 4.26
Area: 13734
Amount: 0.096287
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:36:04
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

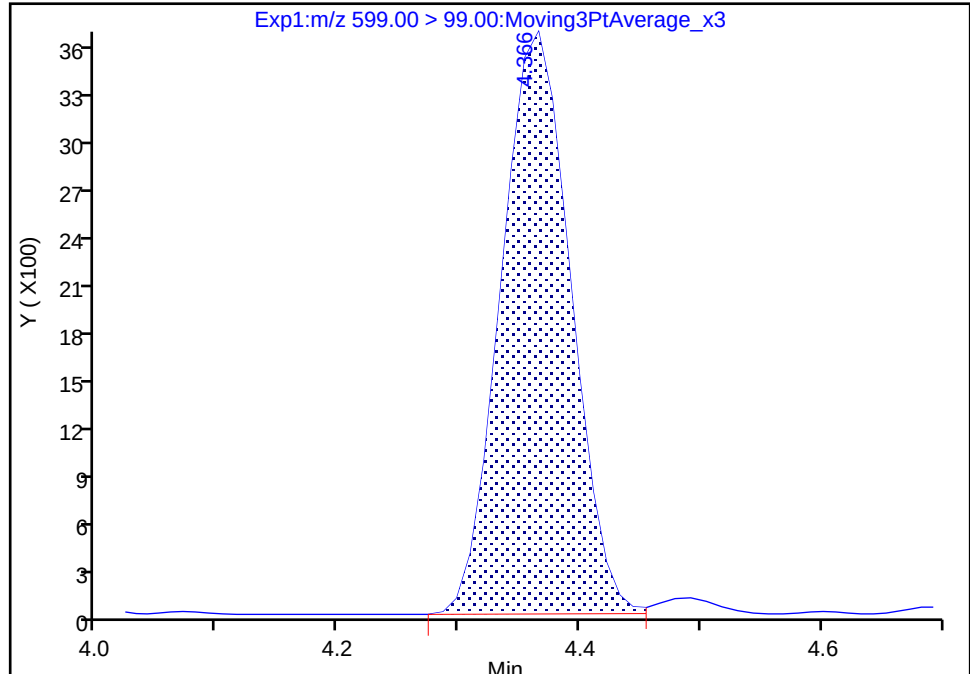
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

29 Perfluorodecanesulfonic acid, CAS: 335-77-3

Signal: 2

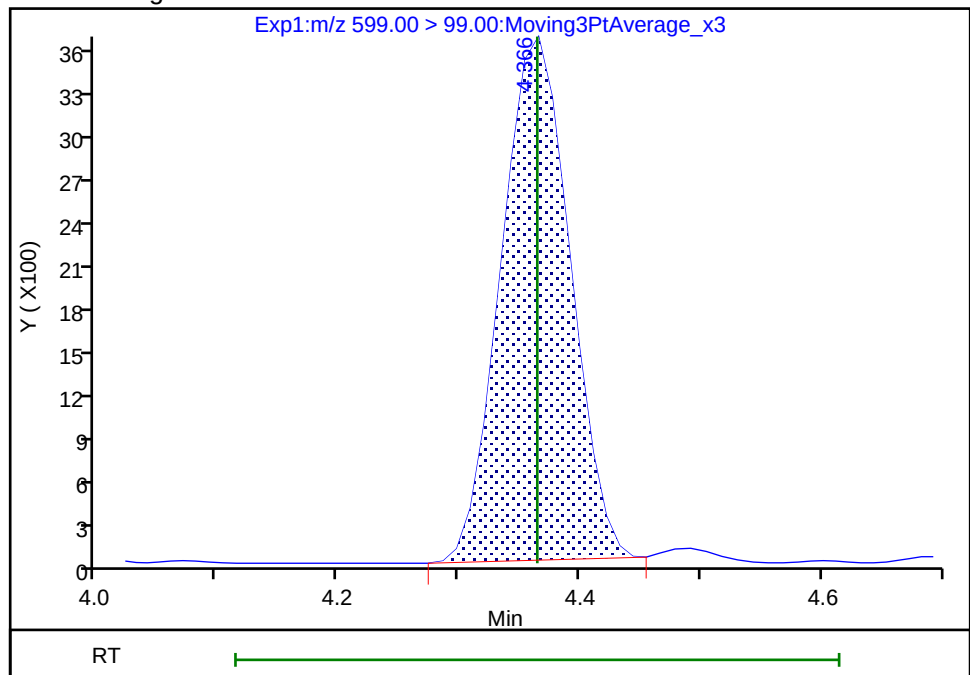
RT: 4.37
Area: 14526
Amount: 0.095221
Amount Units: ng/ml

Processing Integration Results



RT: 4.37
Area: 14326
Amount: 0.098477
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:36:10
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d

Injection Date: 03-Aug-2022 13:08:29

Instrument ID: LC812

Lims ID: IC

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 6

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

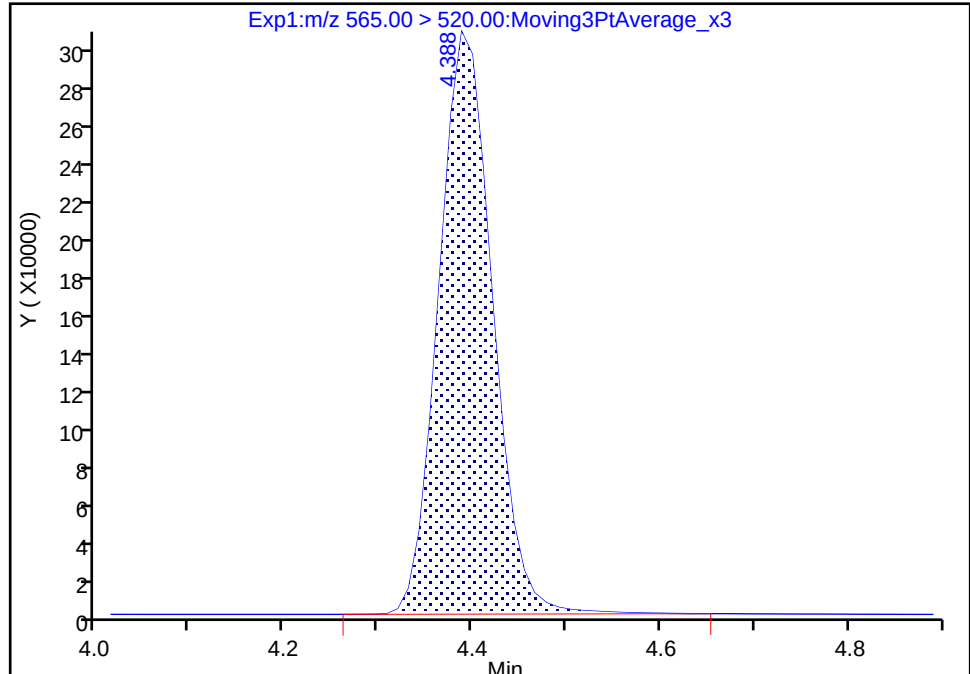
Detector: EXP1

D 30 13C2 PFUnA, CAS: STL00997

Signal: 1

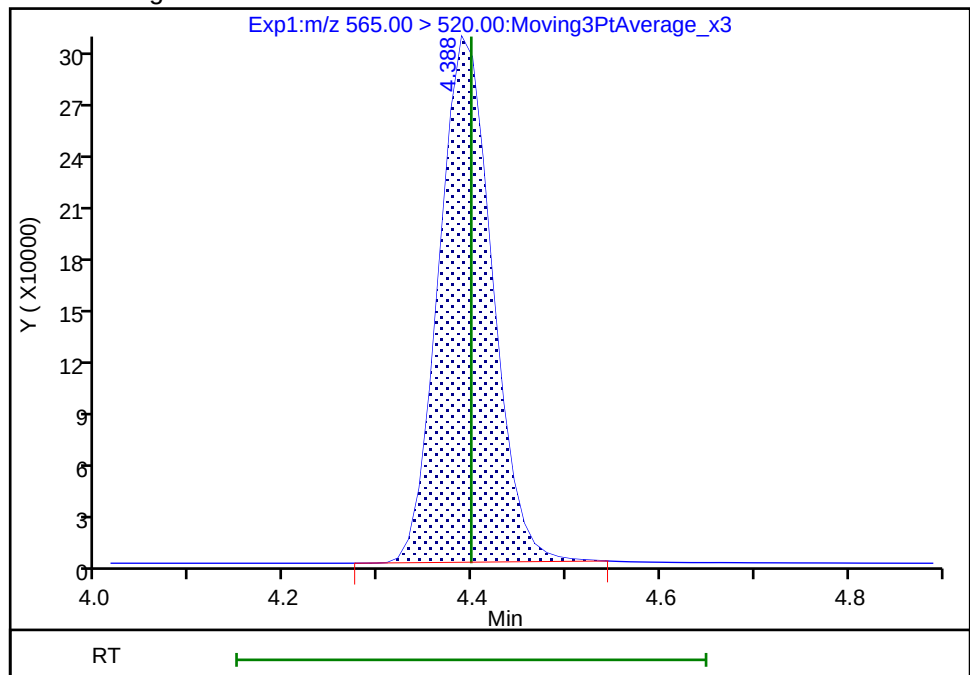
RT: 4.39
Area: 1215065
Amount: 1.238787
Amount Units: ng/ml

Processing Integration Results



RT: 4.39
Area: 1204305
Amount: 1.308432
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:36:16

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

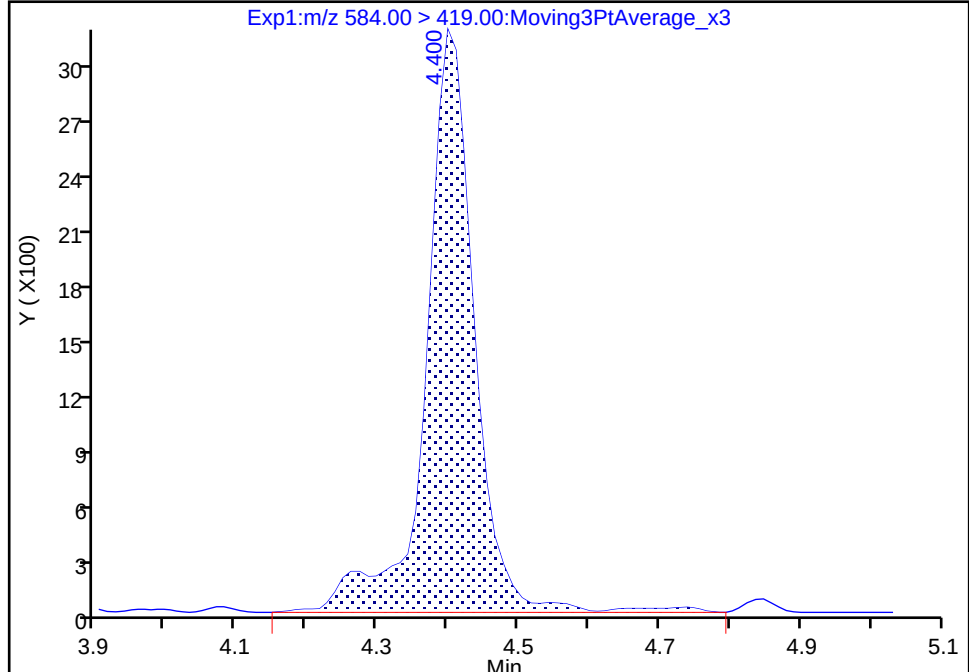
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

33 N-ethylperfluorooctanesulfonamid, CAS: 2991-50-6

Signal: 1

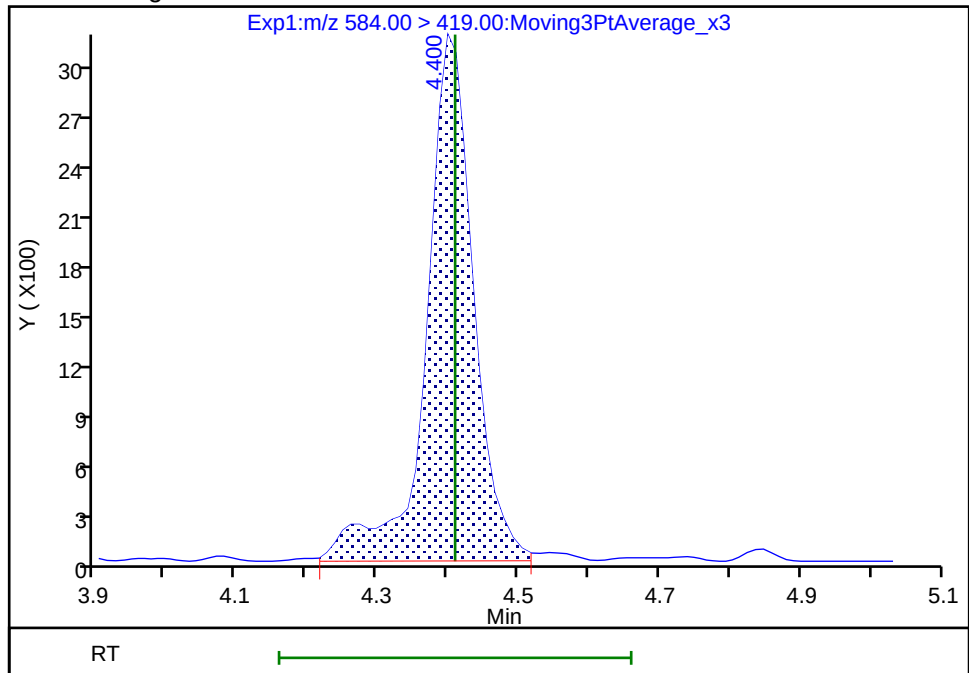
RT: 4.40
Area: 15373
Amount: 0.108005
Amount Units: ng/ml

Processing Integration Results



RT: 4.40
Area: 14911
Amount: 0.107286
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:36:43
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

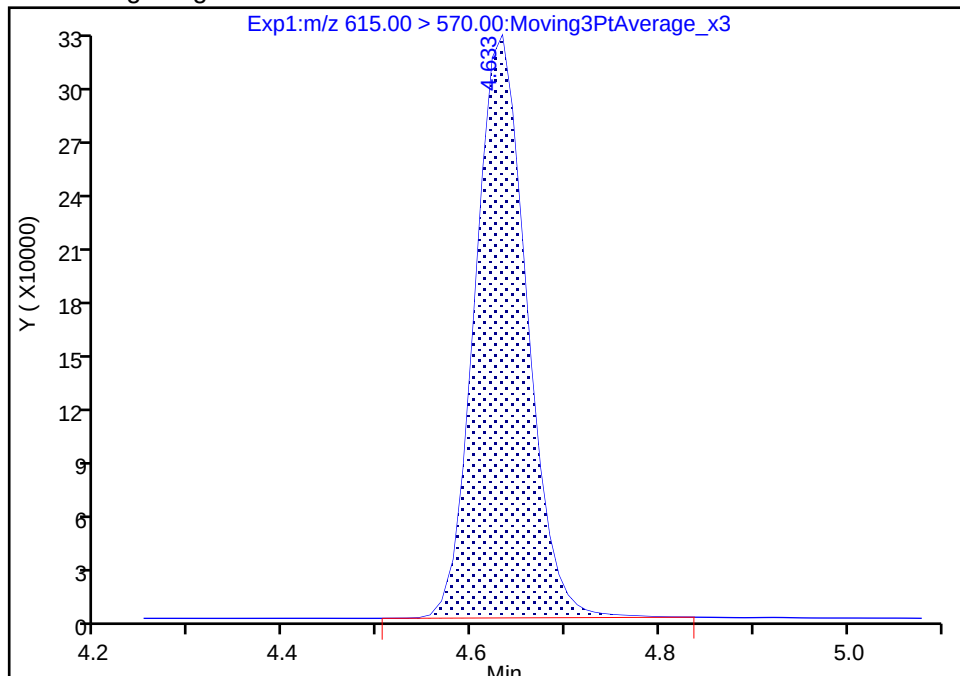
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 36 13C2 PFD_oA, CAS: STL00998

Signal: 1

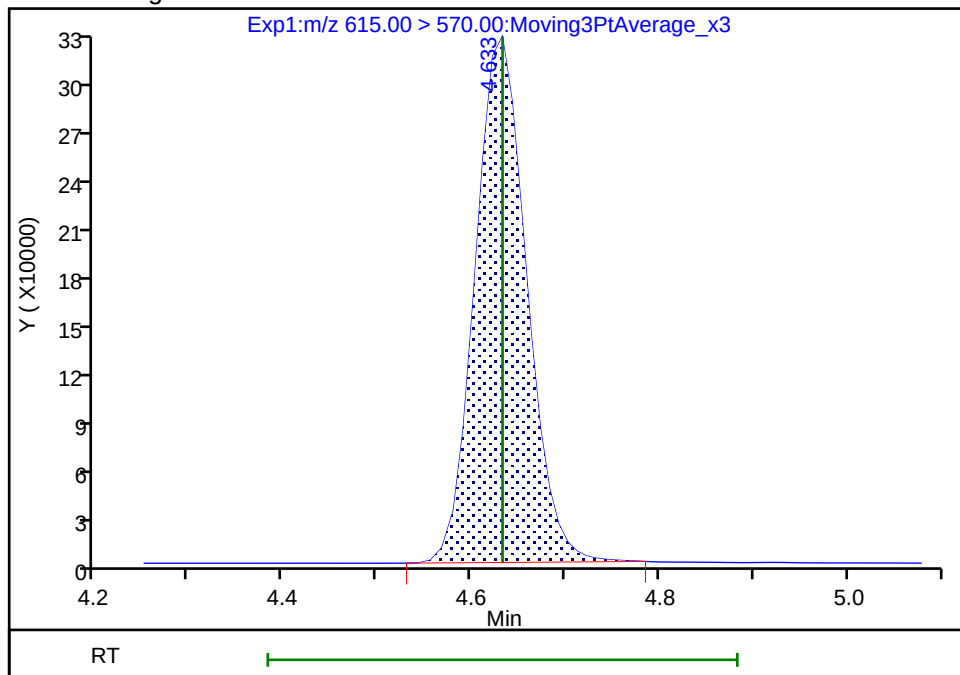
RT: 4.63
Area: 1236688
Amount: 1.198188
Amount Units: ng/ml

Processing Integration Results



RT: 4.63
Area: 1231772
Amount: 1.291469
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:36:53

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

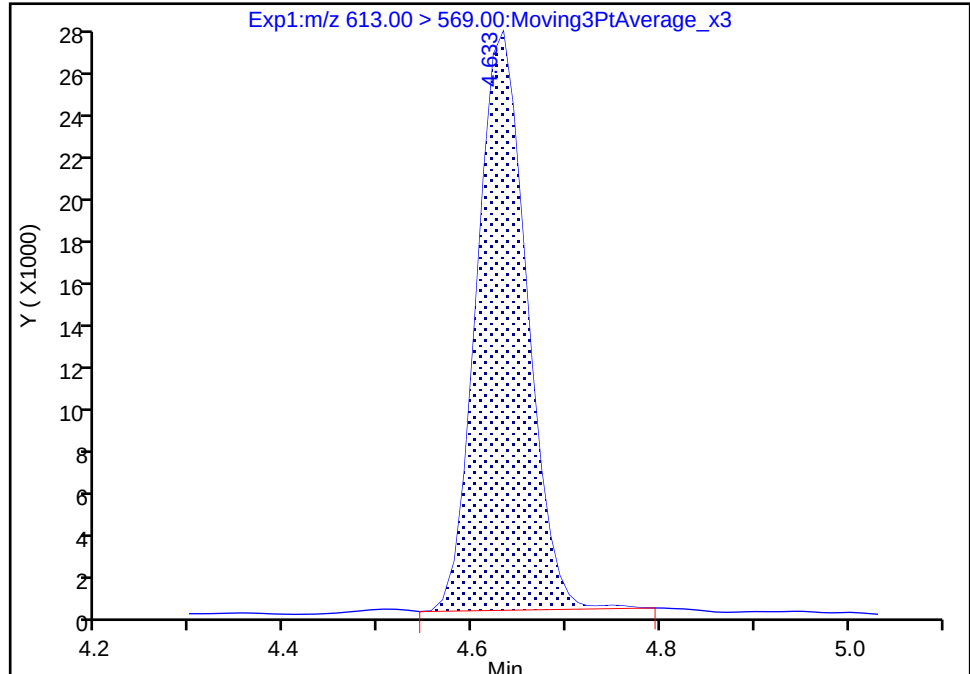
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

37 Perfluorododecanoic acid, CAS: 307-55-1

Signal: 1

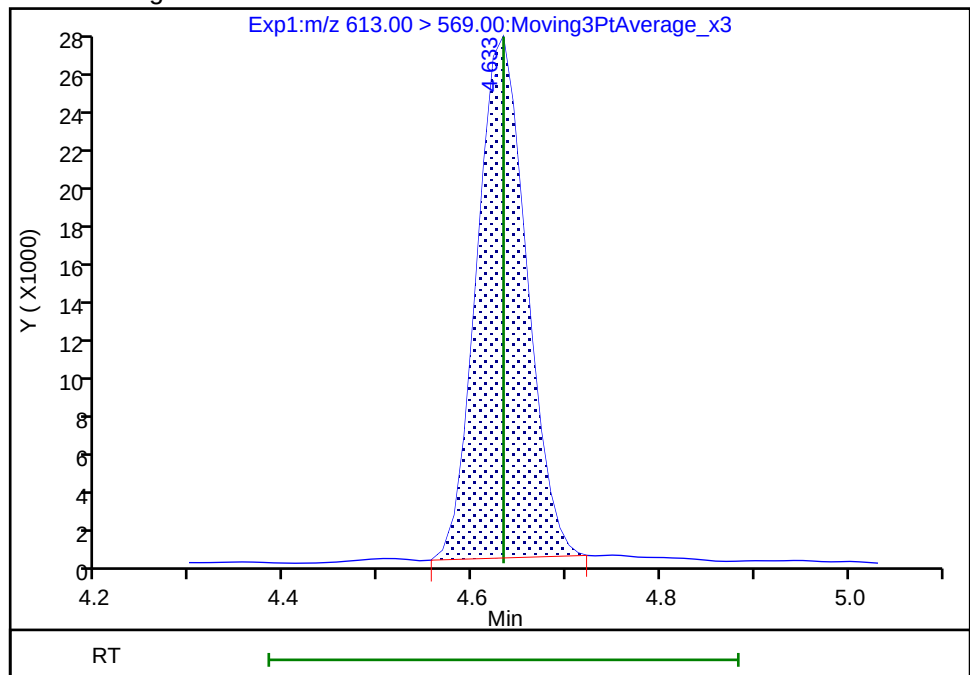
RT: 4.63
Area: 102104
Amount: 0.101642
Amount Units: ng/ml

Processing Integration Results



RT: 4.63
Area: 100780
Amount: 0.100846
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:37:02
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

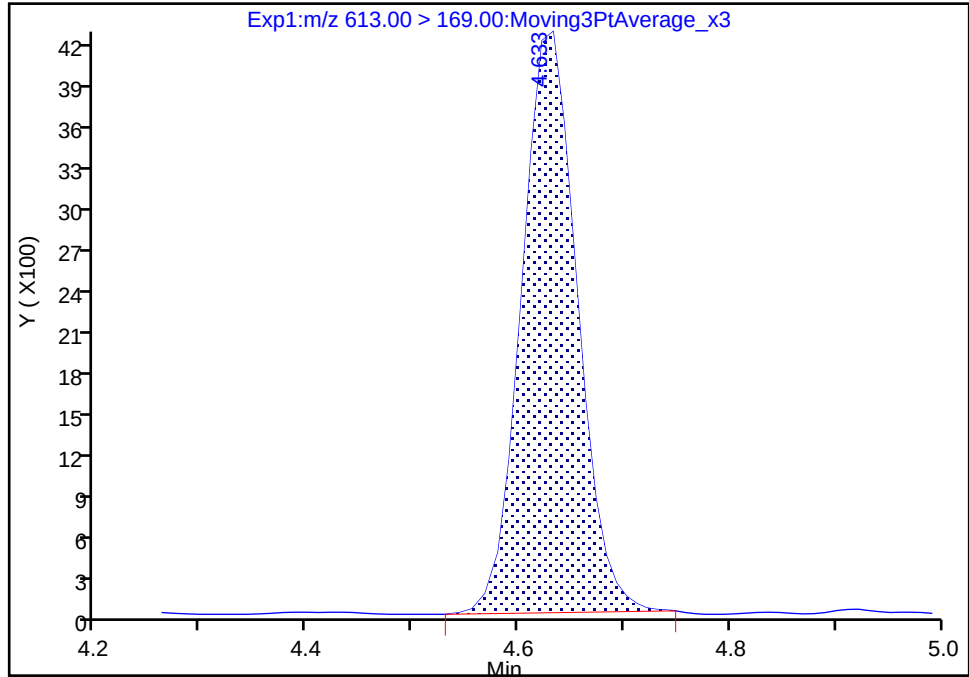
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

37 Perfluorododecanoic acid, CAS: 307-55-1

Signal: 2

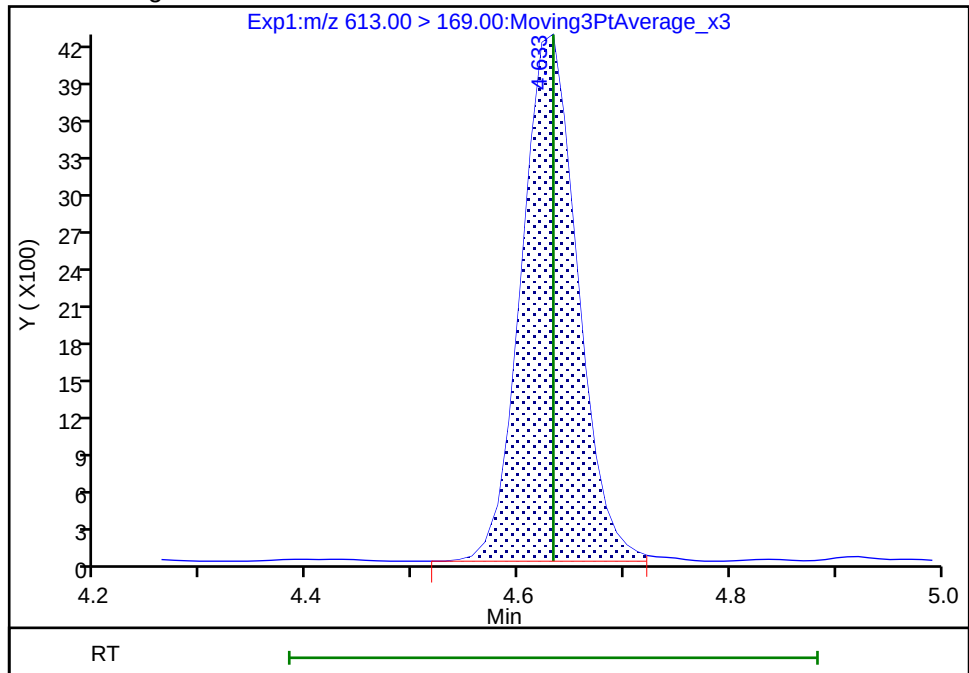
RT: 4.63
Area: 15398
Amount: 0.101642
Amount Units: ng/ml

Processing Integration Results



RT: 4.63
Area: 15506
Amount: 0.100846
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:37:12

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

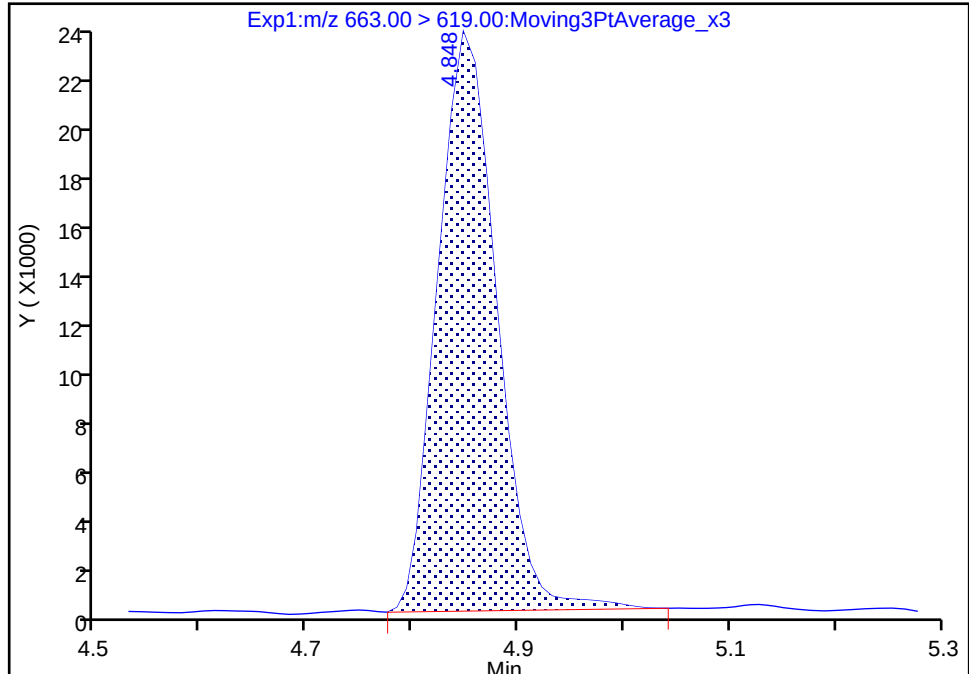
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

41 Perfluorotridecanoic acid, CAS: 72629-94-8

Signal: 1

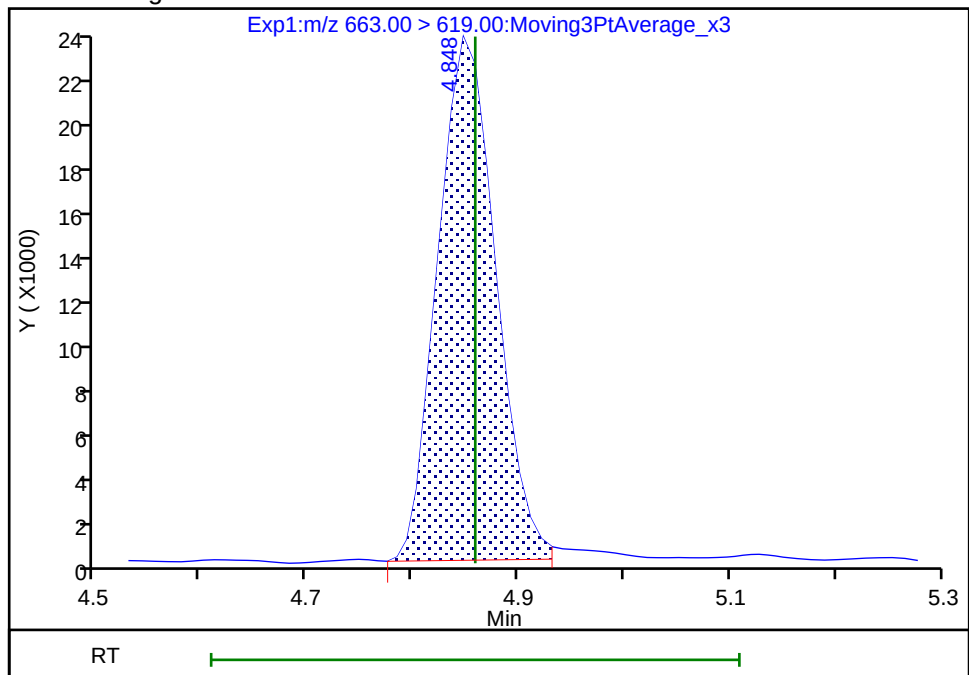
RT: 4.85
Area: 88461
Amount: 0.101868
Amount Units: ng/ml

Processing Integration Results



RT: 4.85
Area: 86868
Amount: 0.100275
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:37:35
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

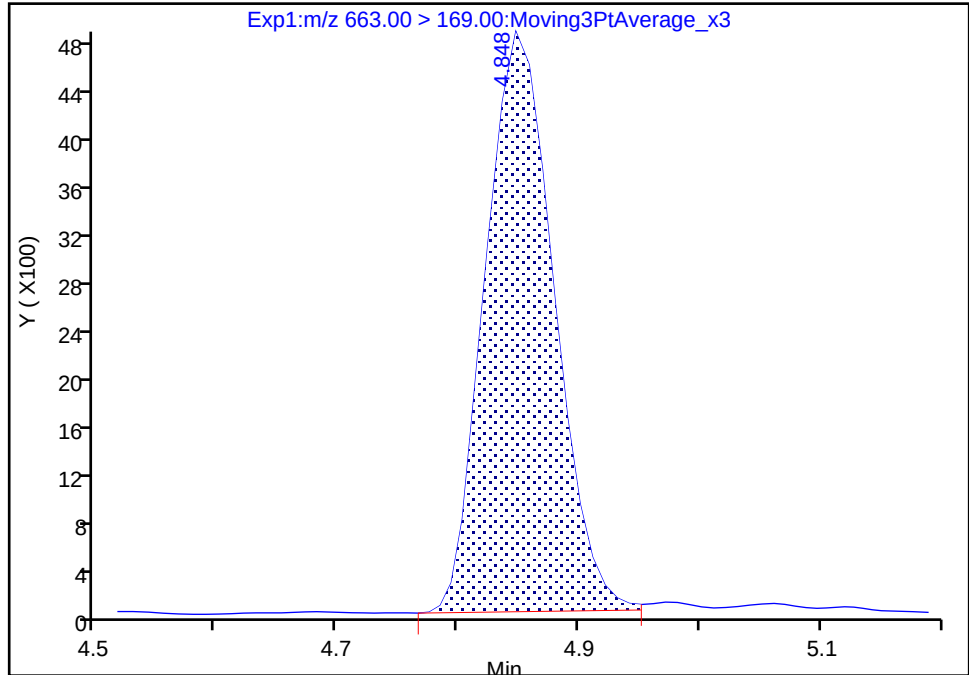
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

41 Perfluorotridecanoic acid, CAS: 72629-94-8

Signal: 2

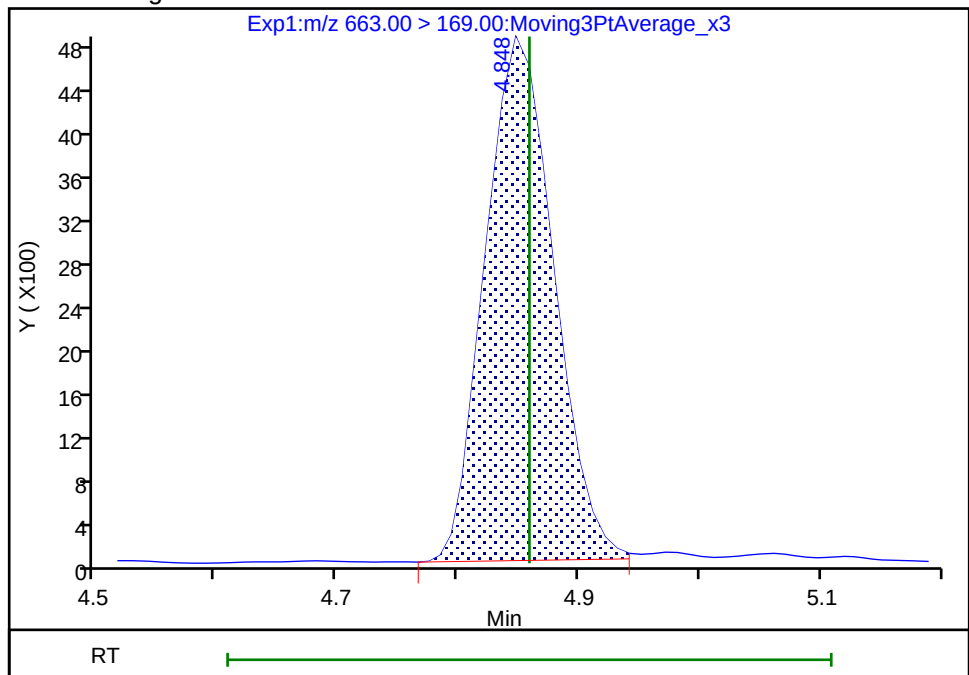
RT: 4.85
Area: 19217
Amount: 0.101868
Amount Units: ng/ml

Processing Integration Results



RT: 4.85
Area: 19158
Amount: 0.100275
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:37:40

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

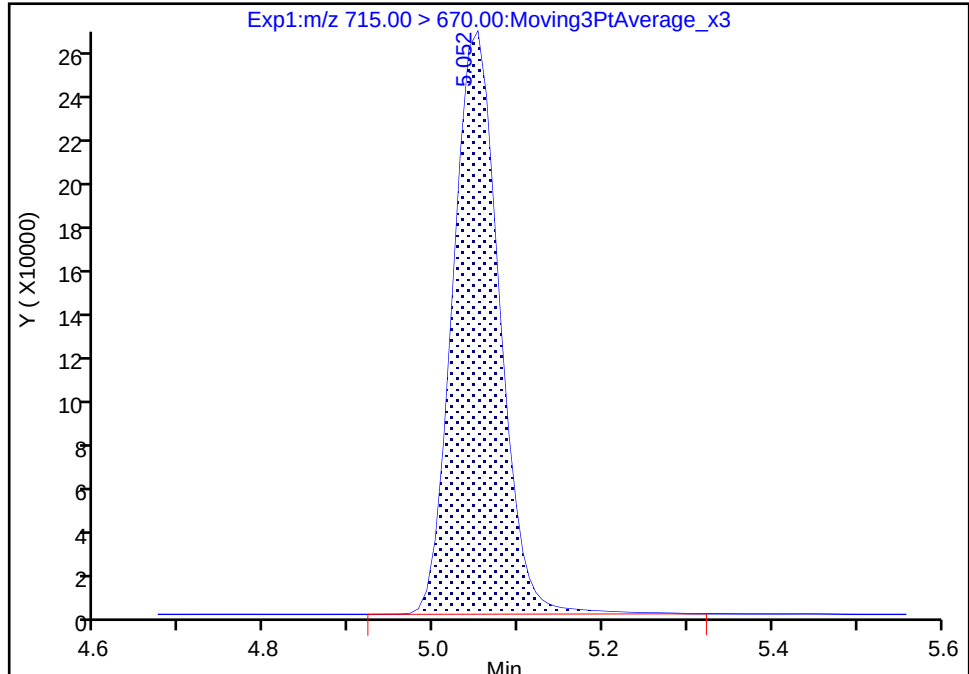
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 43 13C2 PFTeDA, CAS: STL02116

Signal: 1

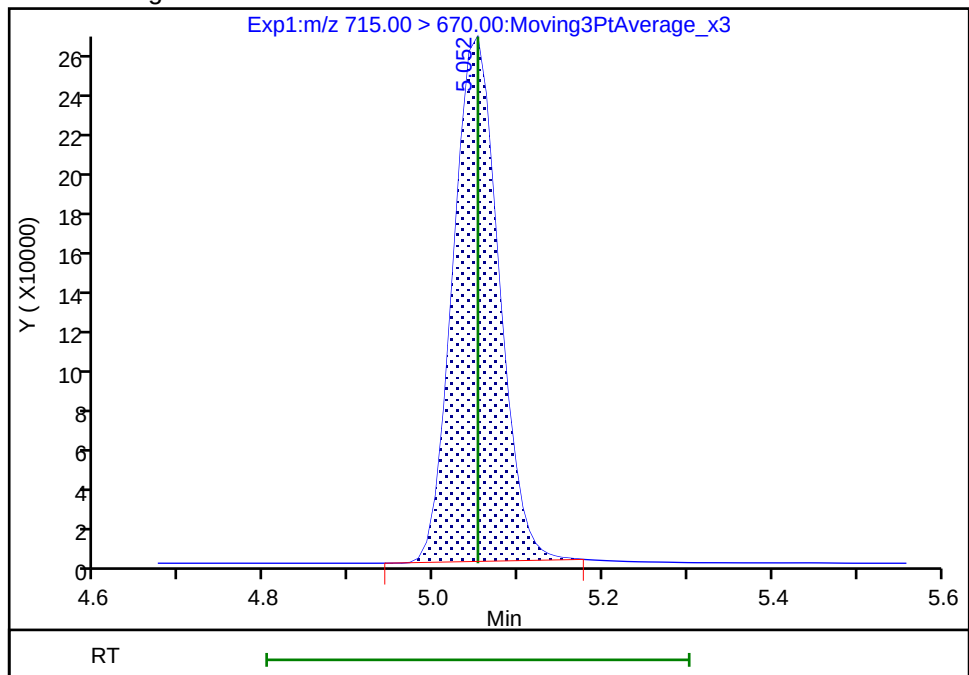
RT: 5.05
Area: 992002
Amount: 1.164124
Amount Units: ng/ml

Processing Integration Results



RT: 5.05
Area: 974562
Amount: 1.249944
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:37:57

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

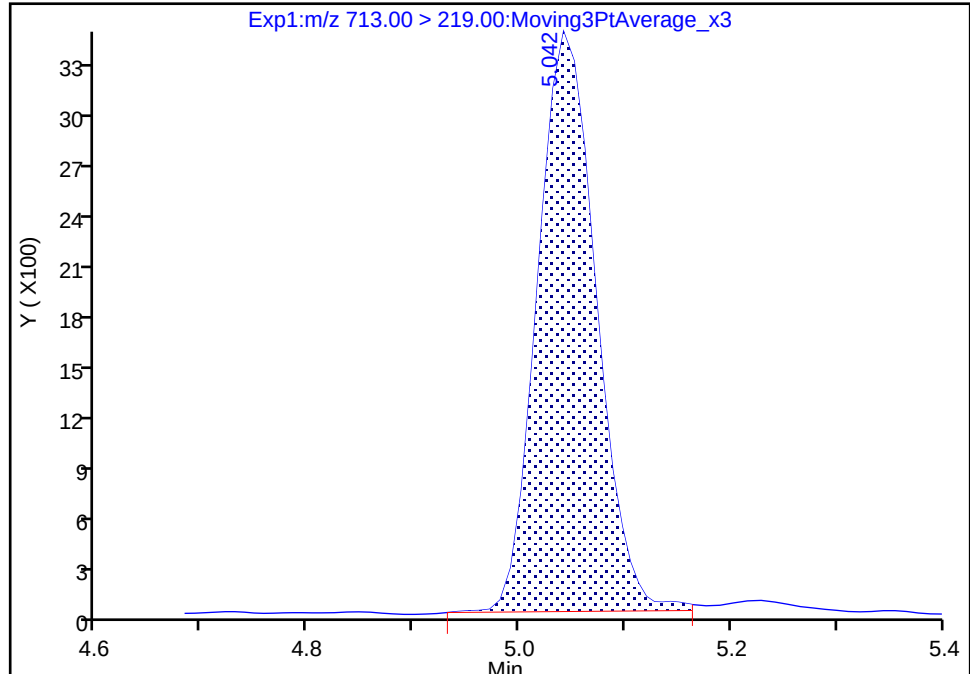
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

42 Perfluorotetradecanoic acid, CAS: 376-06-7

Signal: 2

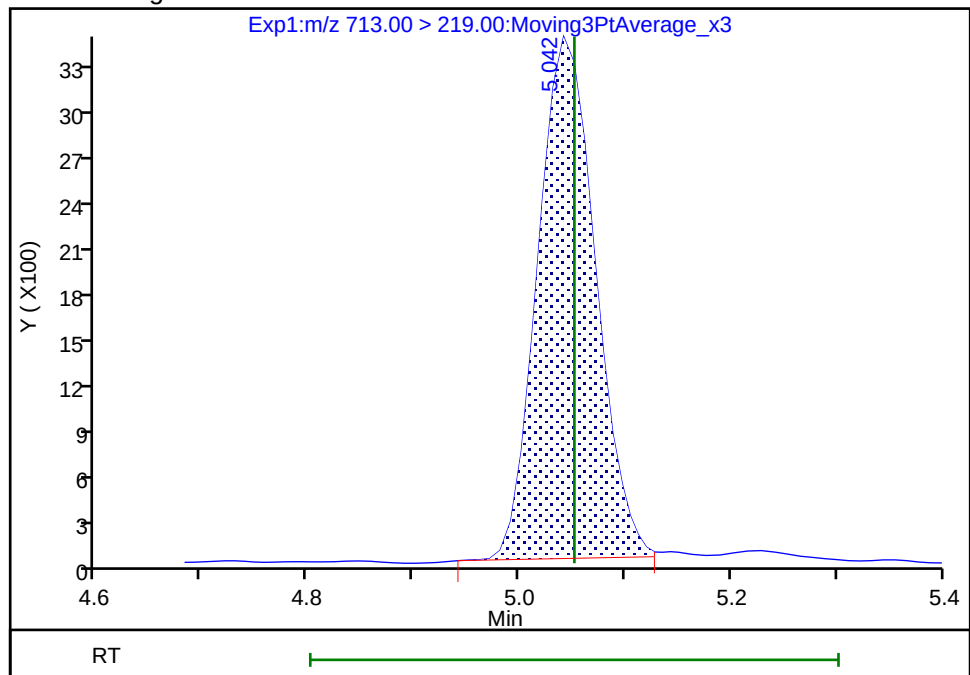
RT: 5.04
Area: 13267
Amount: 0.101386
Amount Units: ng/ml

Processing Integration Results



RT: 5.04
Area: 13008
Amount: 0.101538
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:37:51
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

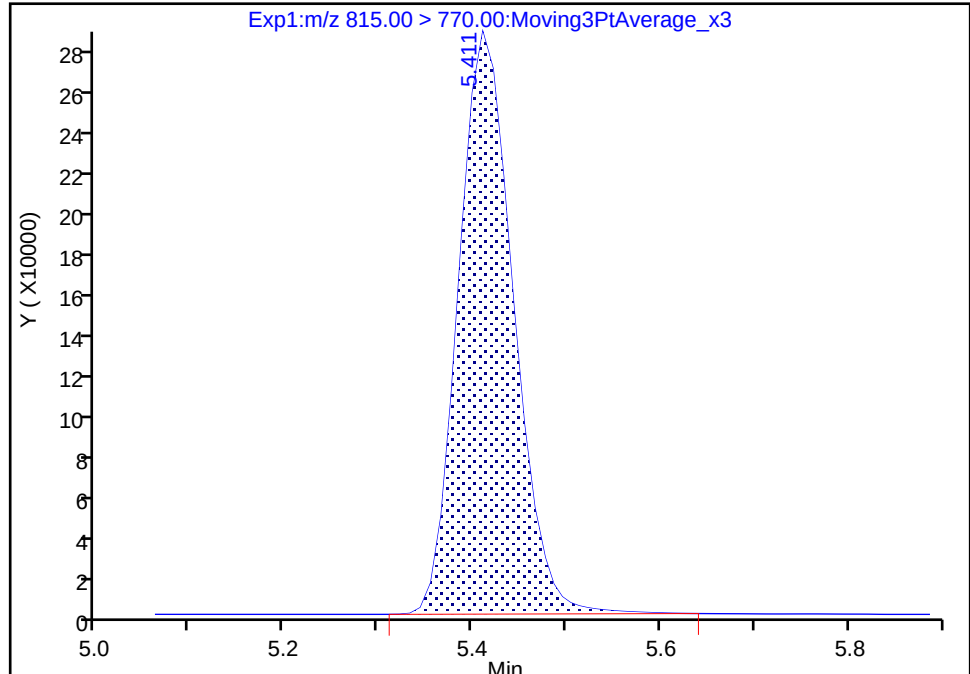
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Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 44 13C2 PFHxDA, CAS: STL02115

Signal: 1

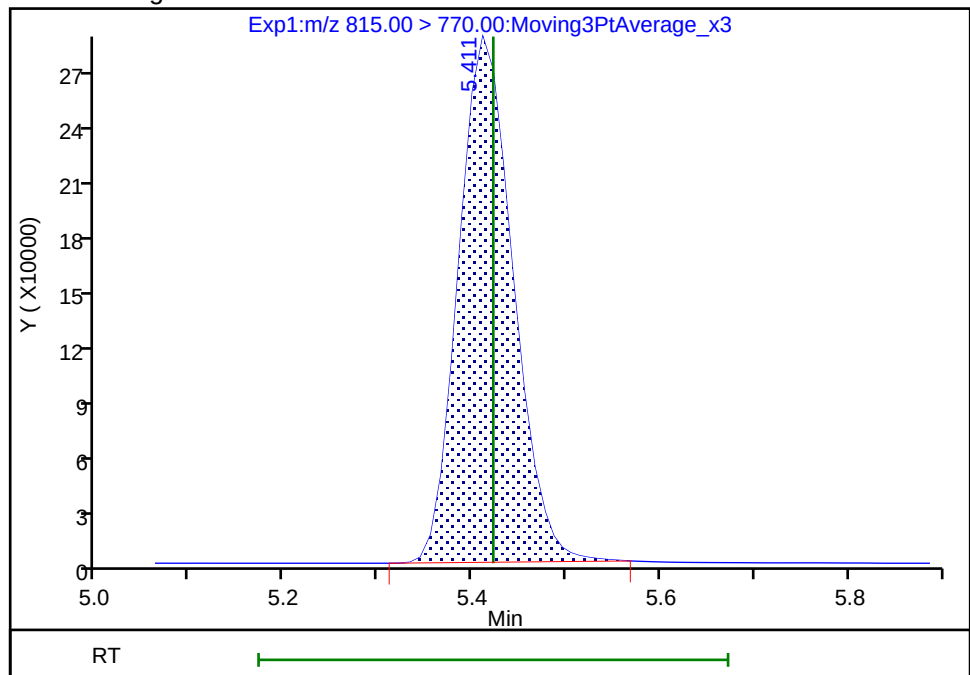
RT: 5.41
Area: 1144910
Amount: 1.260693
Amount Units: ng/ml

Processing Integration Results



RT: 5.41
Area: 1136259
Amount: 1.279343
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:38:03
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

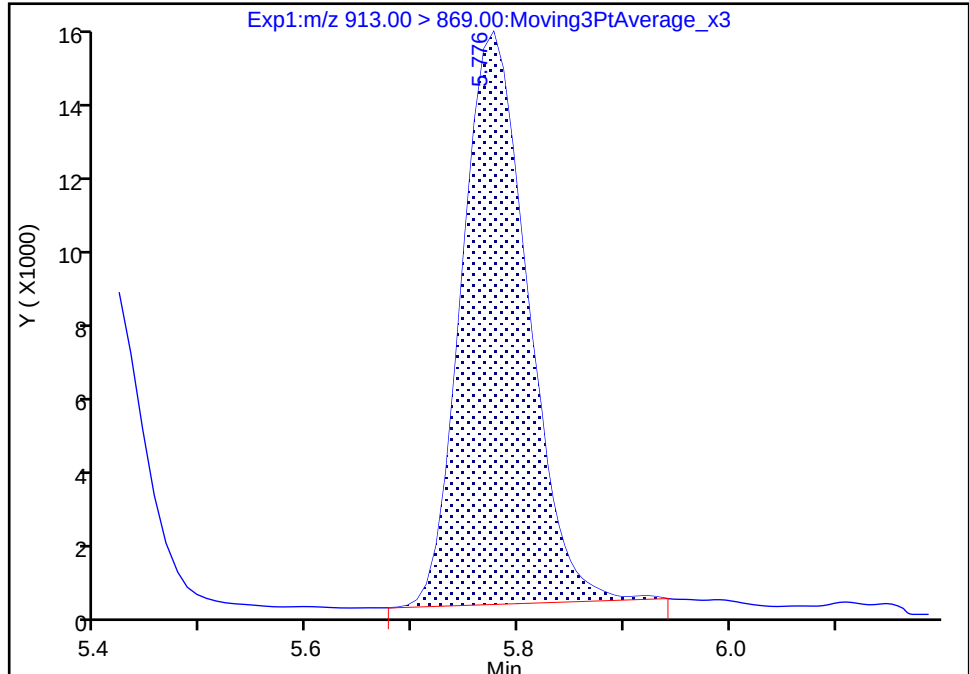
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

46 Perfluorooctadecanoic acid, CAS: 16517-11-6

Signal: 1

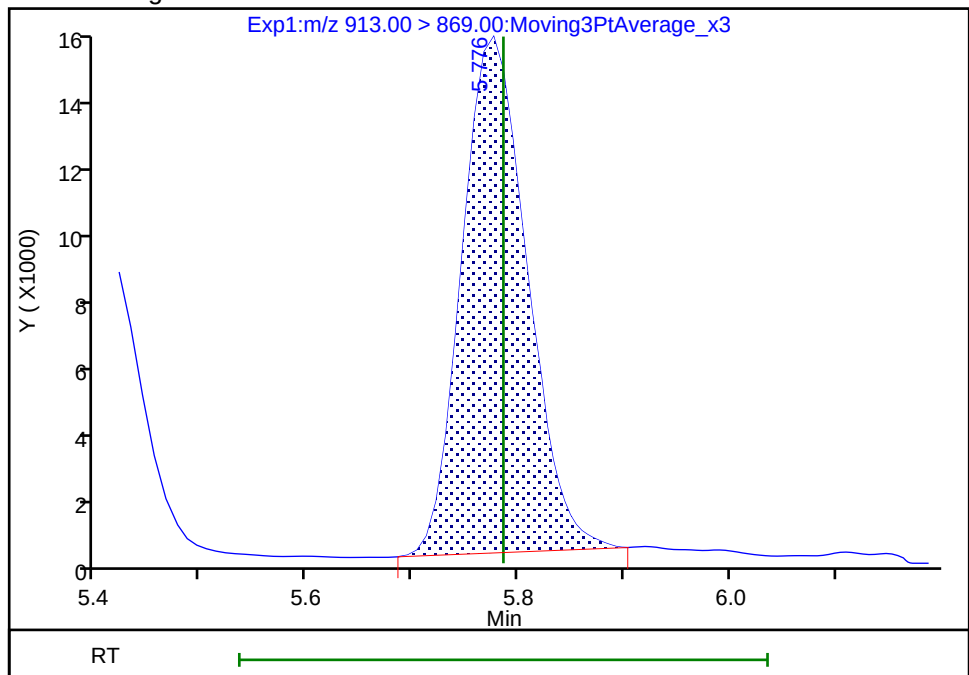
RT: 5.78
Area: 64999
Amount: 0.102017
Amount Units: ng/ml

Processing Integration Results



RT: 5.78
Area: 64267
Amount: 0.106332
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:38:10
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

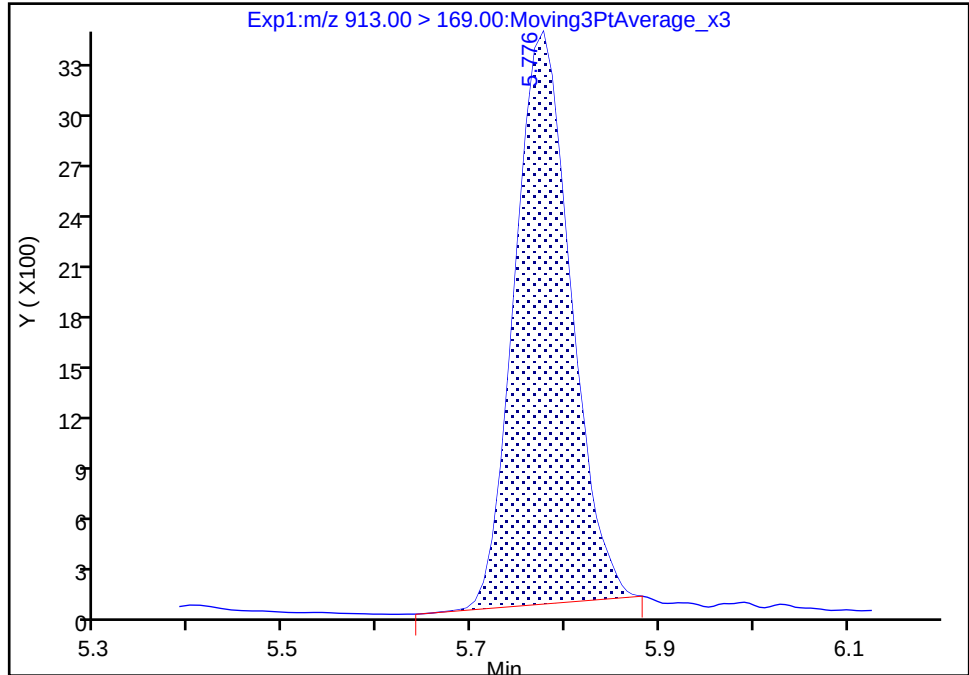
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL06.d
Injection Date: 03-Aug-2022 13:08:29 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 6
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

46 Perfluorooctadecanoic acid, CAS: 16517-11-6

Signal: 2

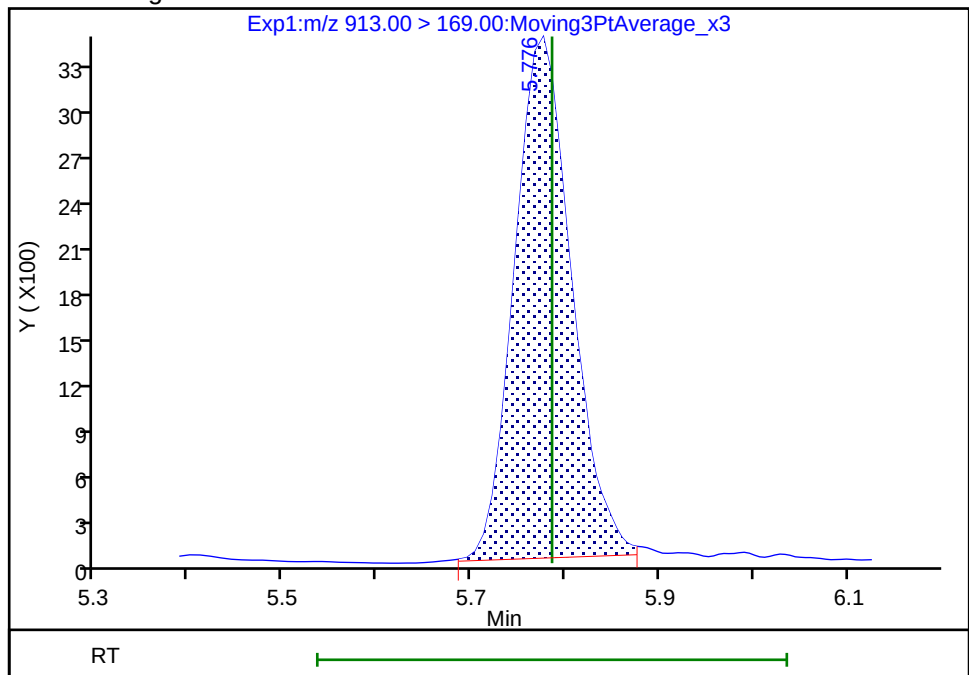
RT: 5.78
Area: 14173
Amount: 0.102017
Amount Units: ng/ml

Processing Integration Results



RT: 5.78
Area: 14493
Amount: 0.106332
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:38:25

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
 Lims ID: IC
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 03-Aug-2022 13:16:40 ALS Bottle#: 4 Worklist Smp#: 7
 Injection Vol: 20.0 ul Dil. Factor: 1.0000
 Sample Info: IC
 Misc. Info.: 200-0051940-007 Plate: 1 Rack: 1
 Operator ID: lc812tech Instrument ID: LC812
 Sublist: chrom-PFC_LC812*sub3
 Method: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PFC_LC812.m
 Limit Group: LC_PFC_ICAL
 Last Update: 03-Aug-2022 14:25:14 Calib Date: 03-Aug-2022 13:41:11
 Integrator: Picker
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
 Column 1 : C-18 (4.60 mm) Det: EXP1
 Process Host: CTX1672

First Level Reviewer: Z1IP

Date: 03-Aug-2022 13:45:20

Ratio Calibration: Average of Initial Calibration

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										M
217.00 > 172.00	2.076	2.085	-0.009	0.596	1792010	1.23		98.0	7490	M
2 Perfluorobutanoic acid										M
212.90 > 169.00	2.085	2.085	0.0	1.004	711450	0.5118		102	92.5	M
D 3 13C5 PFPeA										
267.90 > 223.00	2.400	2.400	0.0	0.689	1422776	1.26		101	3390	
4 Perfluoropentanoic acid										M
262.90 > 219.00	2.400	2.400	0.0	1.000	591383	0.5040		101	24.9	M
D 47 13C3 PFBS										
301.90 > 80.00	2.413	2.413	0.0	0.693	1530333	1.18		101	251465	
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.413	2.413	0.0	1.000	638698	0.4395	Target=2.18	99.4	669	
298.90 > 99.00	2.413	2.413	0.0	1.000	299493		2.13(1.09-3.28)	99.4	269	
D 60 M2-4:2 FTS										M
329.00 > 81.00	2.713	2.713	0.0	0.779	130321	1.16		99.6	142	M
61 1H,1H,2H,2H-perfluorohexanesulfo										
327.00 > 307.00	2.713	2.713	0.0	1.000	127514	0.4806		103	1843	
6 Perfluorohexanoic acid										M
313.00 > 269.00	2.750	2.750	0.0	1.000	601465	0.5028	Target=12.37	101	143	M
313.00 > 119.00	2.750	2.750	0.0	1.000	48082		12.51(6.19-18.56)	101	82.1	M
D 7 13C2 PFHxA										
315.00 > 270.00	2.750	2.750	0.0	0.790	1432991	1.28		102	2856	
70 Perfluoropentanesulfonic acid										
349.00 > 80.00	2.750	2.762	-0.012	0.881	579172	0.4932	Target=3.00	105	1043	
349.00 > 99.00	2.750	2.762	-0.012	0.881	188472		3.07(1.50-4.50)	105	424	
D 64 13C3 HFPO-DA										
287.00 > 169.00	2.859	2.859	0.0	0.821	255203	1.21		96.6	1858	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
67 Perfluoro(2-propoxypropanoic) ac										
285.00 > 169.00	2.859	2.859	0.0	1.000	109153	0.4976		99.5	1014	
D 9 13C4 PFHpA										
367.00 > 322.00	3.121	3.121	0.0	0.896	1532788	1.32		105	3644	
10 Perfluoroheptanoic acid										M
363.00 > 319.00	3.121	3.121	0.0	1.000	605835	0.4794	Target=3.68	95.9	192	
363.00 > 169.00	3.121	3.121	0.0	1.000	168702		3.59(1.84-5.52)	95.9	332	M
D 11 18O2 PFHxS										M
403.00 > 84.00	3.121	3.121	0.0	0.896	1070938	1.17		98.9	1514	M
8 Perfluorohexanesulfonic acid										M
399.00 > 80.00	3.121	3.121	0.0	1.000	469103	0.4696	Target=3.52	103	792	M
399.00 > 99.00	3.121	3.121	0.0	1.000	124544		3.77(1.76-5.27)	103	156	M
77 DONA										M
377.00 > 251.00	3.154	3.165	-0.011	0.832	1341908	0.4840	Target=2.78	103	1315	M
377.00 > 85.00	3.165	3.165	0.0	0.835	487671		2.75(1.39-4.17)	103	531	
D 12 M2-6:2 FTS										M
429.00 > 81.00	3.465	3.474	-0.009	0.995	174667	1.14		96.0	318	M
13 1H,1H,2H,2H-perfluorooctanesulfo										M
427.00 > 407.00	3.465	3.474	-0.009	1.000	116911	0.5286		112	246	M
16 Perfluoroheptanesulfonic acid										M
449.00 > 80.00	3.465	3.474	-0.009	0.914	400346	0.4812	Target=4.99	101	955	M
449.00 > 99.00	3.465	3.474	-0.009	0.914	84954		4.71(2.50-7.49)	101	449	
15 Perfluorooctanoic acid										M
413.00 > 369.00	3.482	3.482	0.0	1.000	662670	0.5023	Target=2.64	100	80.9	
413.00 > 169.00	3.482	3.482	0.0	1.000	249816		2.65(1.32-3.96)	100	485	M
D 14 13C4 PFOA										M
417.00 > 372.00	3.482	3.482	0.0	1.000	1470428	1.23		98.5	1659	M
* 62 13C2 PFOA										M
415.00 > 370.00	3.482	3.482	0.0		1566724	1.25			1644	M
17 Perfluorooctanesulfonic acid										M
499.00 > 80.00	3.792	3.802	-0.010	1.000	326050	0.4684	Target=4.77	101	230	M
499.00 > 99.00	3.792	3.802	-0.010	1.000	71279		4.57(2.38-7.15)	101	263	M
D 18 13C4 PFOS										M
503.00 > 80.00	3.792	3.802	-0.010	1.089	804391	1.18		98.5	2025	M
20 Perfluorononanoic acid										M
463.00 > 419.00	3.822	3.822	0.0	1.003	610819	0.5030	Target=7.92	101	202	
463.00 > 169.00	3.822	3.822	0.0	1.003	77379		7.89(3.96-11.88)	101	872	M
D 19 13C5 PFNA										
468.00 > 423.00	3.812	3.822	-0.010	1.095	1491888	1.20		96.3	2524	
69 9-Chlorohexadecafluoro-3-oxanona										
531.00 > 351.00	3.960	3.969	-0.009	1.044	579400	0.4873		105	2294	
68 Perfluorononanesulfonic acid										M
549.00 > 80.00	4.093	4.093	0.0	1.079	256419	0.4865	Target=2.52	101	1123	
549.00 > 99.00	4.093	4.093	0.0	1.079	111662		2.30(1.26-3.78)	101	493	M
25 1H,1H,2H,2H-perfluorodecanesulfo										M
527.00 > 507.00	4.127	4.127	0.0	1.000	83425	0.4879		102	583	M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
24 Perfluorodecanoic acid										
513.00 > 469.00	4.115	4.127	-0.012	1.000	669130	0.5314	Target=9.74	106	420	
513.00 > 169.00	4.127	4.127	0.0	1.003	70336		9.51(4.87-14.60)	106	438	
D 23 13C2 PFDA										
515.00 > 470.00	4.115	4.127	-0.012	1.182	1496707	1.24		99.3	1311	M
D 26 M2-8:2 FTS										
529.00 > 81.00	4.127	4.138	-0.011	1.185	212018	1.15		96.0	676	
D 21 13C8 FOSA										
506.00 > 78.00	4.173	4.173	0.0	1.198	1341161	1.27		102	1541	M
22 Perfluorooctanesulfonamide										
498.00 > 78.00	4.173	4.173	0.0	1.000	561197	0.5133		103	1110	
28 N-methylperfluorooctanesulfonami										
570.00 > 419.00	4.273	4.273	0.0	1.003	78017	0.5651		113	202	M
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.261	4.273	-0.012	1.224	194324	1.20		96.2	1096	M
29 Perfluorodecanesulfonic acid										
599.00 > 80.00	4.365	4.365	0.0	1.151	200232	0.5105	Target=2.62	106	1562	M
599.00 > 99.00	4.365	4.365	0.0	1.151	81639		2.45(1.31-3.93)	106	703	M
D 30 13C2 PFUnA										
565.00 > 520.00	4.387	4.399	-0.012	1.260	1177558	1.29		103	1921	M
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.387	4.399	-0.012	1.000	503320	0.5043	Target=8.83	101	386	M
563.00 > 169.00	4.398	4.399	-0.001	1.003	57209		8.80(4.41-13.24)	101	614	M
33 N-ethylperfluorooctanesulfonamid										
584.00 > 419.00	4.410	4.410	0.0	1.003	71793	0.5095		102	425	M
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.398	4.410	-0.012	1.263	194014	1.27		101	810	
66 11-Chloroeicosafuoro-3-oxaundec										
631.00 > 451.00	4.491	4.491	0.0	1.184	768442	0.4965		105	1514	M
D 36 13C2 PFDaA										
615.00 > 570.00	4.633	4.633	0.0	1.330	1166932	1.23		98.6	2227	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.633	4.633	0.0	1.000	498404	0.5264	Target=6.63	105	80.6	M
613.00 > 169.00	4.633	4.633	0.0	1.000	80760		6.17(3.32-9.95)	105	432	M
74 1H,1H,2H,2H-perfluorododecanesul										
627.00 > 607.00	4.653	4.654	-0.001	1.128	39968	0.5004		104	335	M
75 Perfluorododecanesulfonic acid (										
699.00 > 80.00	4.812	4.813	-0.001	1.269	93712	0.5381	Target=0.54	111	1106	
699.00 > 99.00	4.812	4.813	-0.001	1.269	158626		0.59(0.27-0.81)	111	1061	M
41 Perfluorotridecanoic acid										
663.00 > 619.00	4.848	4.859	-0.011	1.046	432811	0.5274	Target=4.62	105	76.0	M
663.00 > 169.00	4.848	4.859	-0.011	1.046	95909		4.51(2.31-6.94)	105	545	M
D 43 13C2 PFTeDA										
715.00 > 670.00	5.051	5.052	-0.001	1.451	969884	1.25		100	1985	M
42 Perfluorotetradecanoic acid										
713.00 > 169.00	5.051	5.052	-0.001	1.000	63032	0.5071	Target=0.94	101	465	M
713.00 > 219.00	5.041	5.052	-0.011	0.998	69631		0.91(0.47-1.41)	101	669	M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
45 Perfluorohexadecanoic acid										M
813.00 > 769.00	5.422	5.422	0.0	1.002	429383	0.5545	Target=4.40	111	97.2	
813.00 > 169.00	5.411	5.422	-0.011	1.000	95637		4.49(2.20-6.59)	111	757	M
D 44 13C2 PFHxDA										M
815.00 > 770.00	5.411	5.422	-0.011	1.554	1043688	1.18		94.7	2036	M
46 Perfluorooctadecanoic acid										M
913.00 > 869.00	5.776	5.786	-0.010	1.068	304377	0.5483	Target=4.42	110	91.0	M
913.00 > 169.00	5.776	5.786	-0.010	1.068	68198		4.46(2.21-6.63)	110	303	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

PFAS32NCIC3_00014

Amount Added: 100.00

Units: uL

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d

Injection Date: 03-Aug-2022 13:16:40

Instrument ID: LC812

Lims ID: IC

Client ID:

Operator ID: lc812tech

ALS Bottle#: 4

Worklist Smp#: 7

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

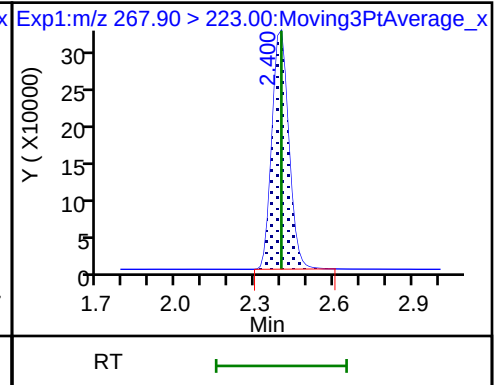
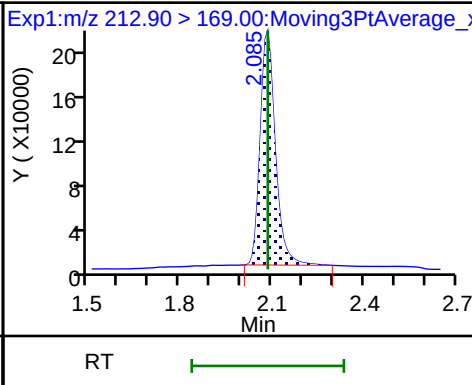
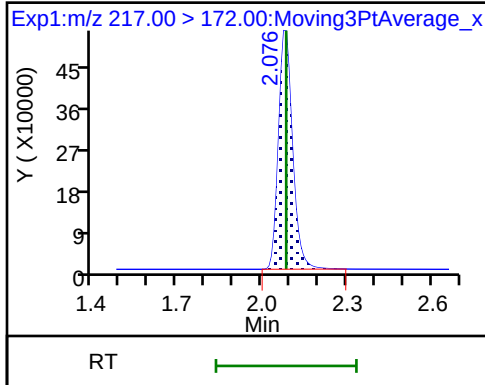
Method: PFC_LC812

Limit Group: LC_PFC_ICAL

D 1 13C4 PFBA (M)

2 Perfluorobutanoic acid (M)

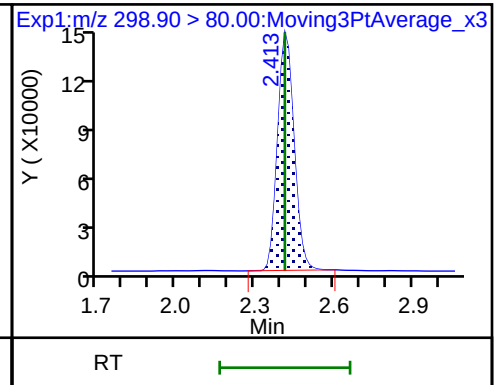
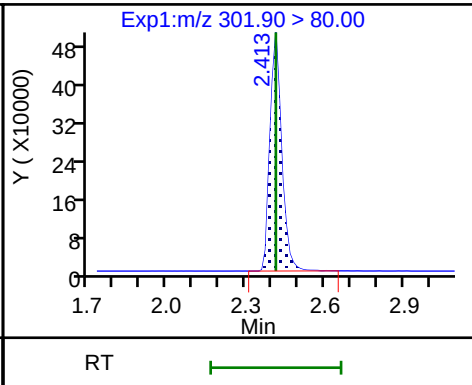
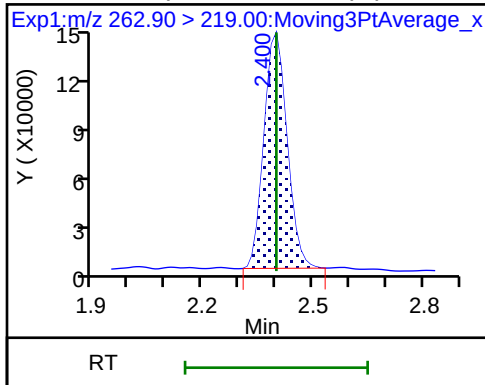
D 3 13C5 PFPeA



4 Perfluoropentanoic acid (M)

D 47 13C3 PFBS

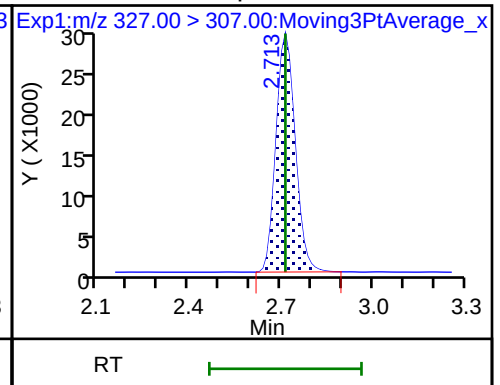
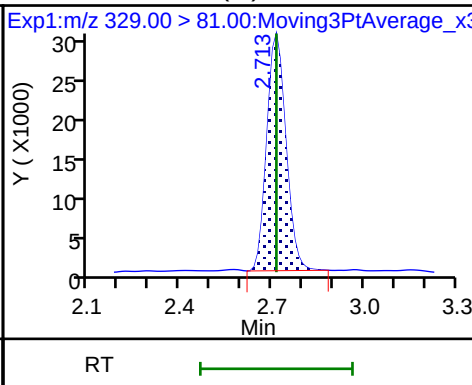
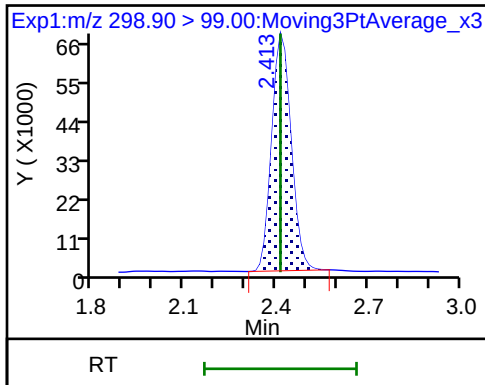
5 Perfluorobutanesulfonic acid



5 Perfluorobutanesulfonic acid

D 60 M2-4:2 FTS (M)

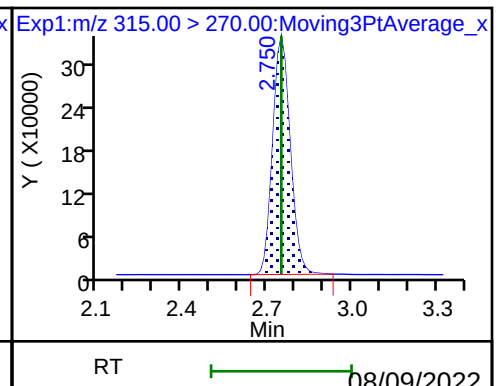
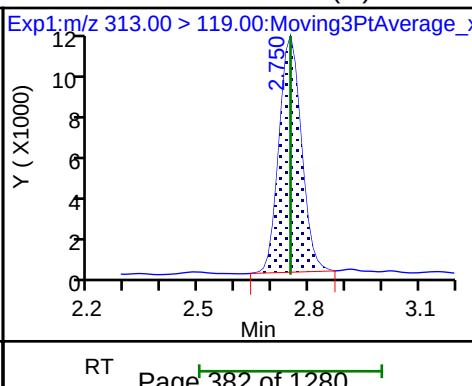
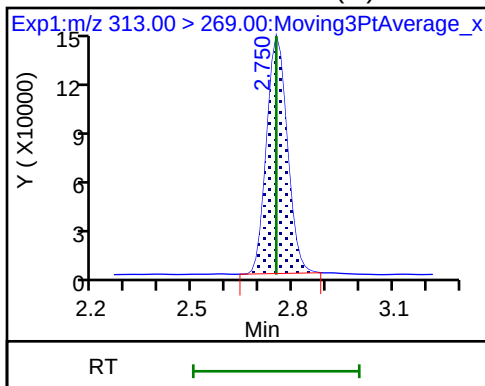
61 1H,1H,2H,2H-perfluorohexanesulfo

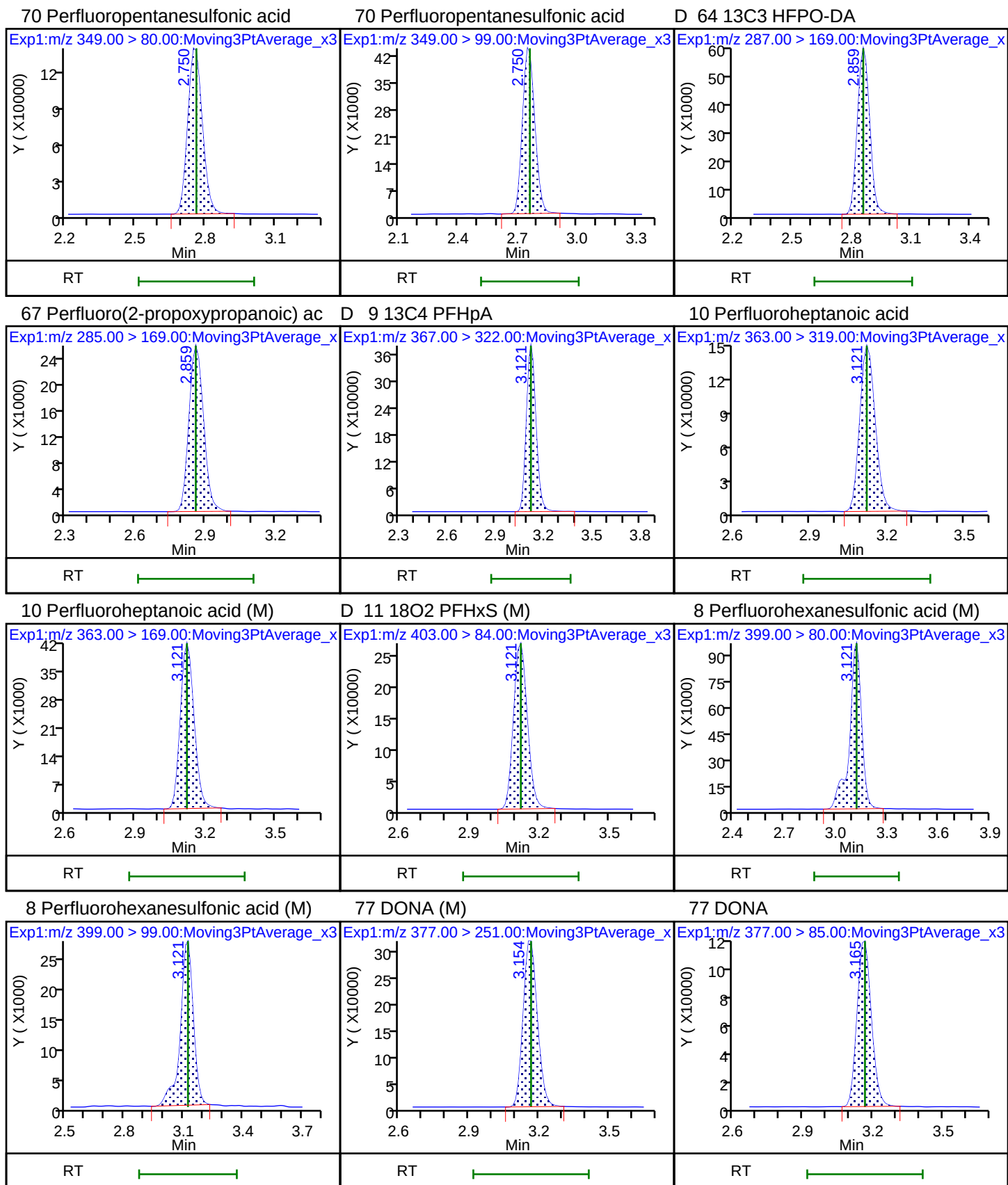


6 Perfluorohexanoic acid (M)

6 Perfluorohexanoic acid (M)

D 7 13C2 PFHxA

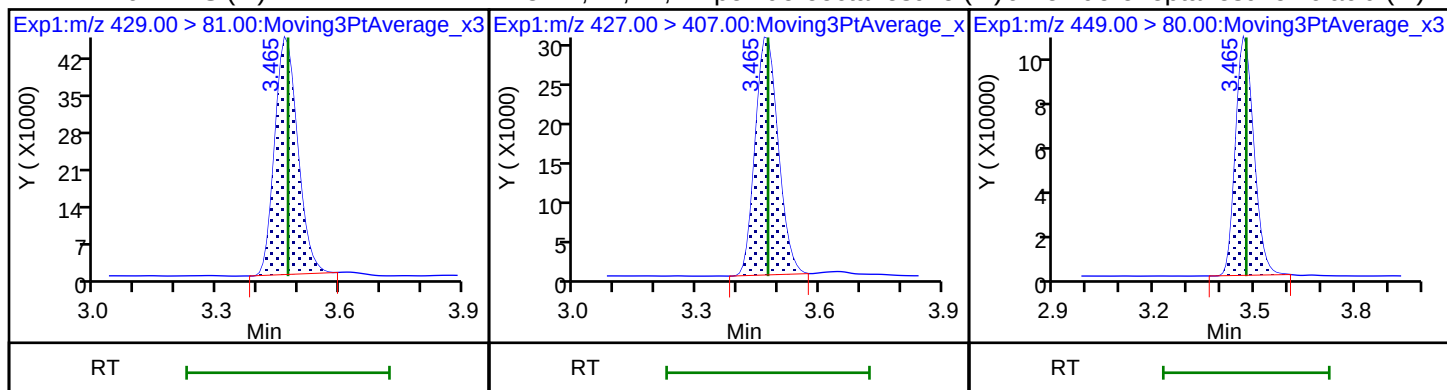




D 12 M2-6:2 FTS (M)

13 1H,1H,2H,2H-perfluorooctanesulfo (M)

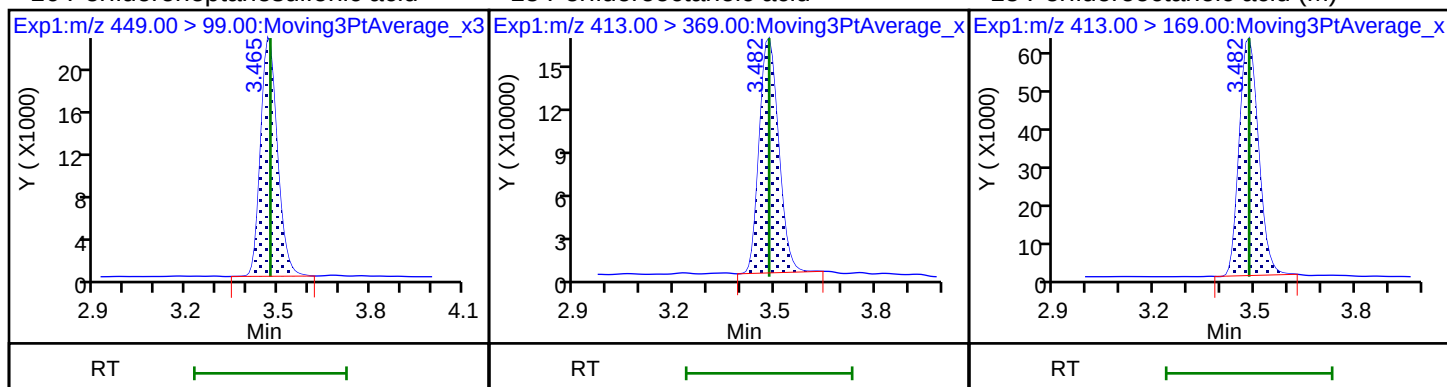
16 Perfluoroheptanesulfonic acid (M)



16 Perfluoroheptanesulfonic acid

15 Perfluorooctanoic acid

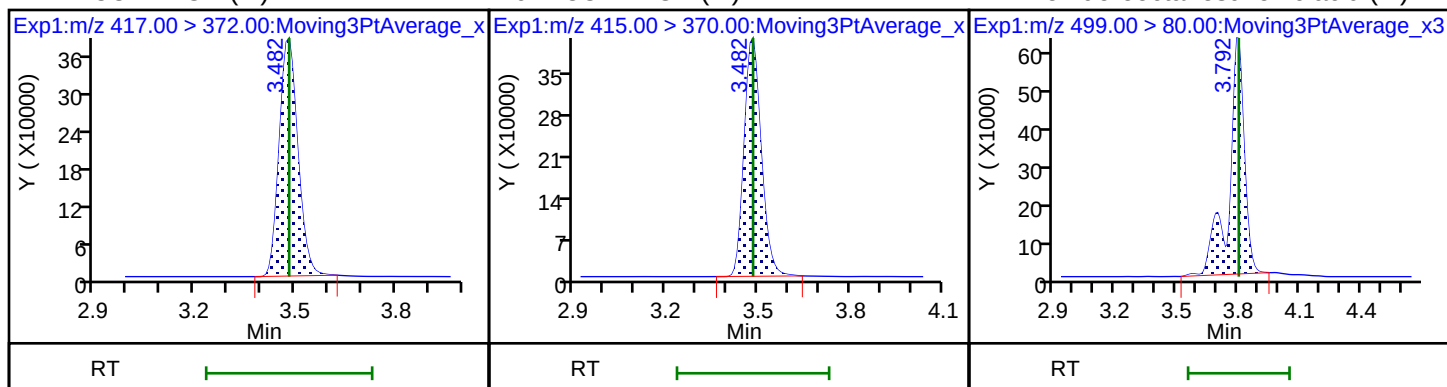
15 Perfluorooctanoic acid (M)



D 14 13C4 PFOA (M)

* 62 13C2 PFOA (M)

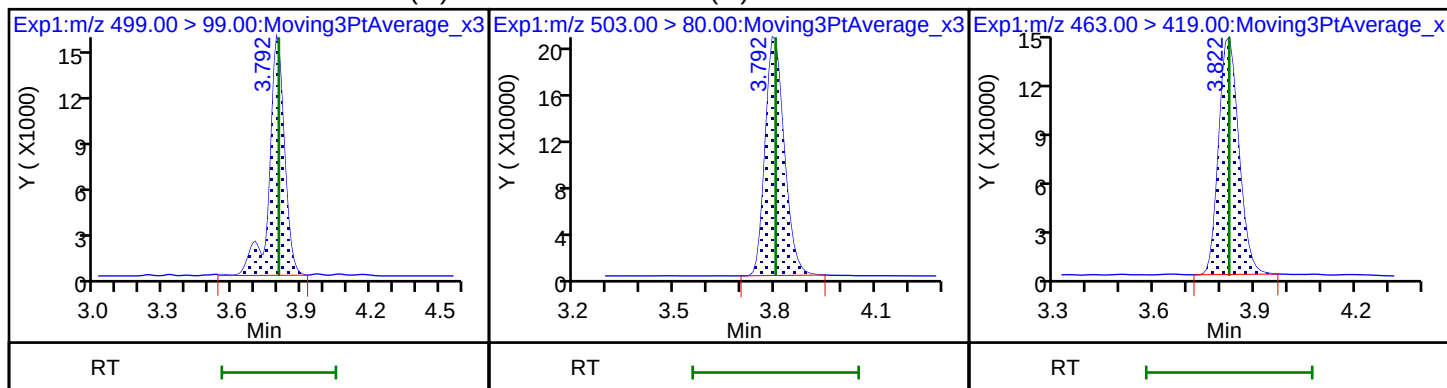
17 Perfluorooctanesulfonic acid (M)

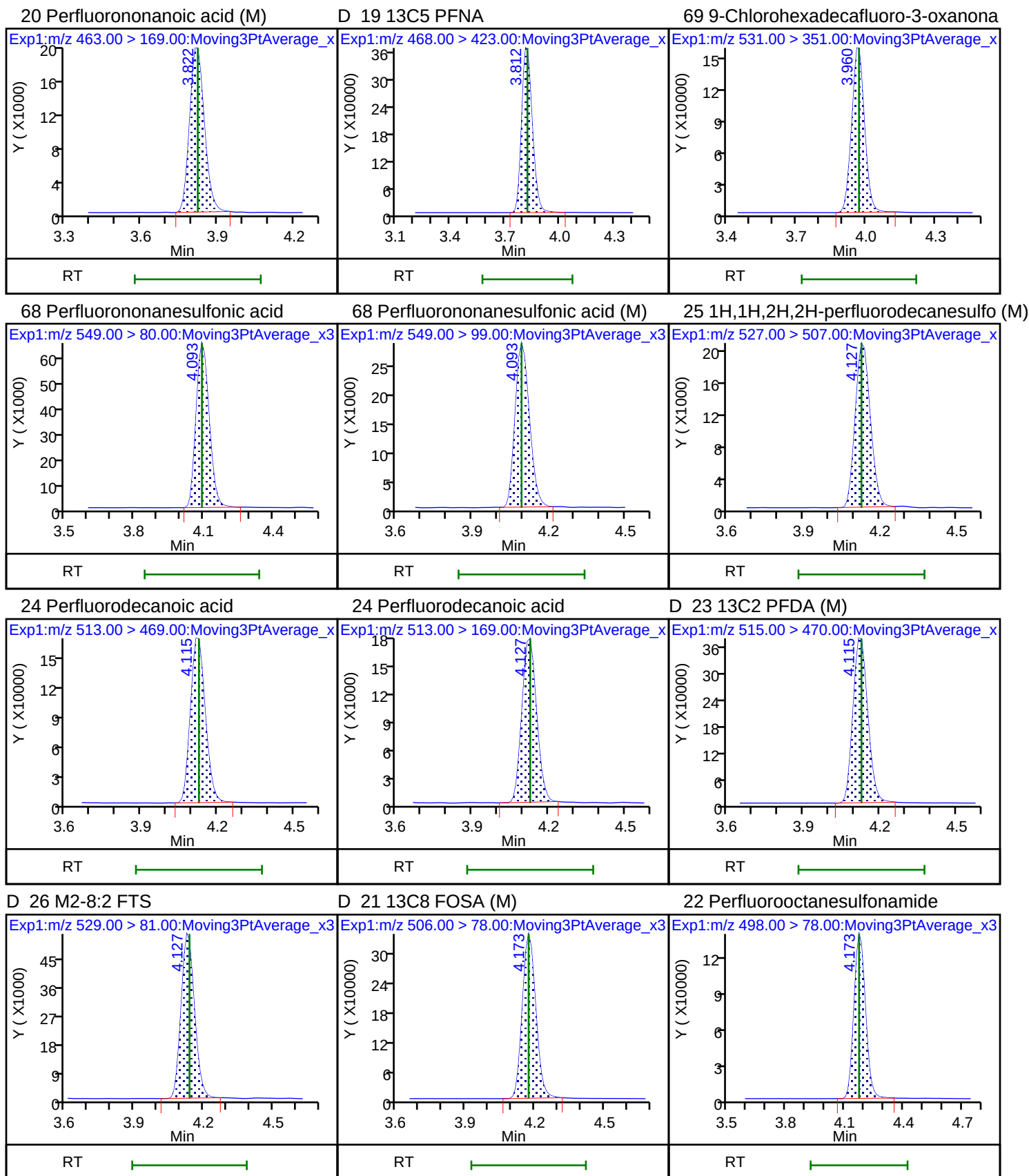


17 Perfluorooctanesulfonic acid (M)

D 18 13C4 PFOS (M)

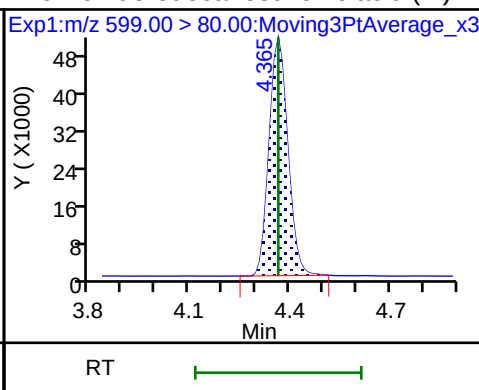
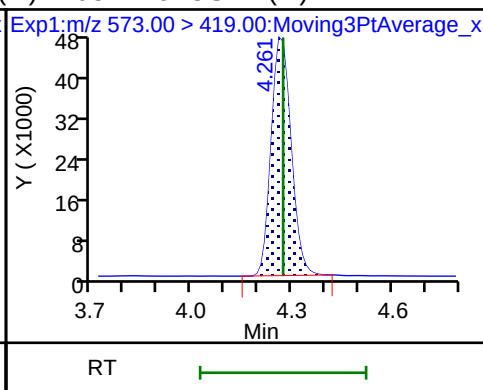
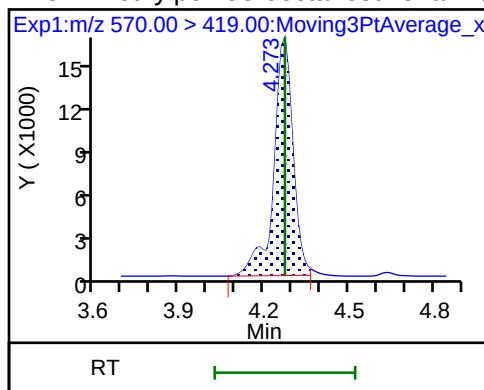
20 Perfluorononanoic acid





28 N-methylperfluorooctanesulfonami (M) 27 d3-NMeFOSAA (M)

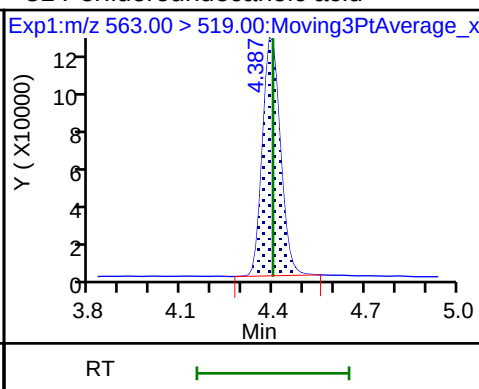
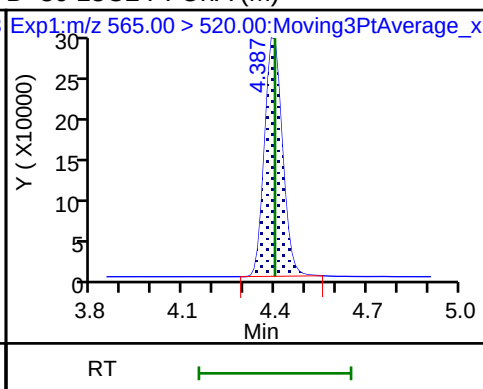
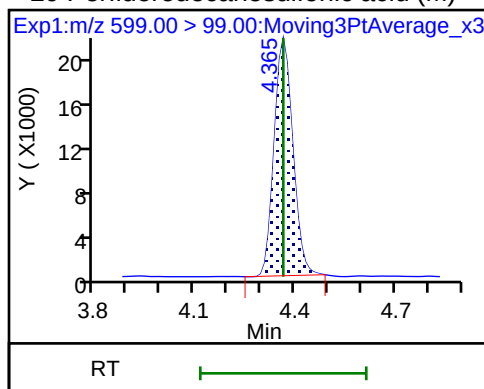
29 Perfluorodecanesulfonic acid (M)



29 Perfluorodecanesulfonic acid (M)

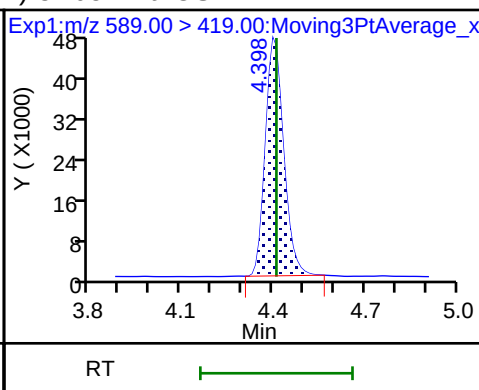
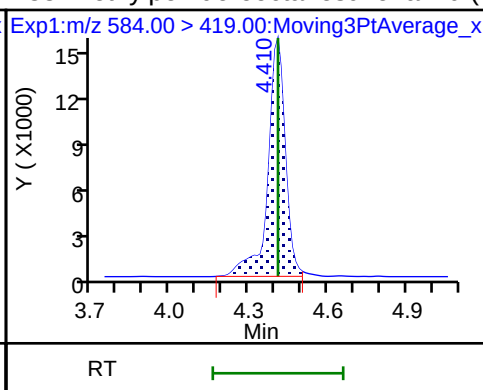
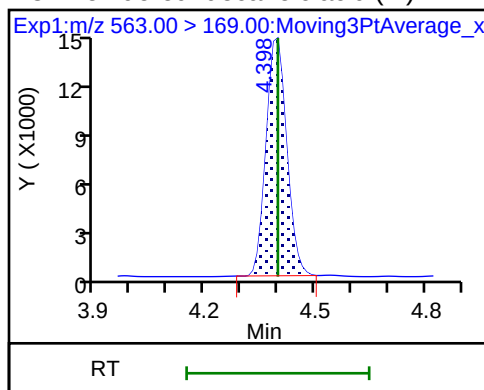
D 30 13C2 PFUnA (M)

31 Perfluoroundecanoic acid



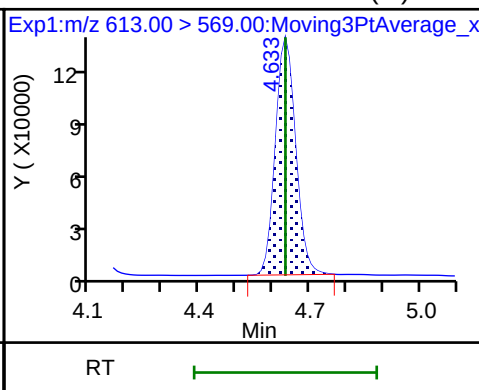
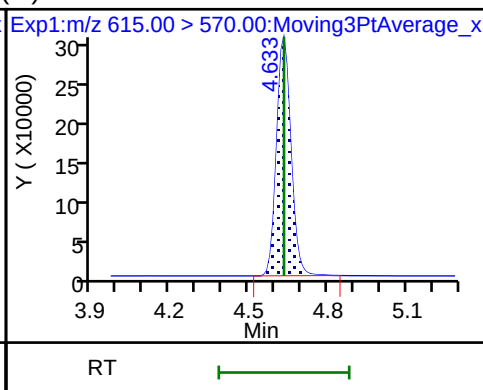
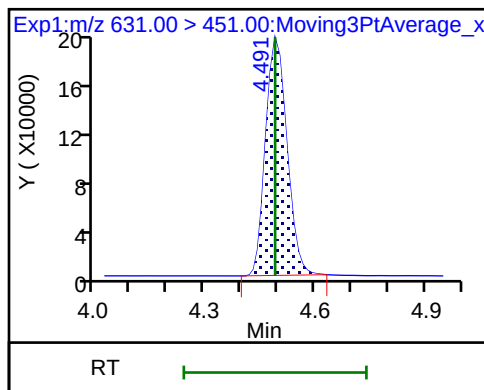
31 Perfluoroundecanoic acid (M)

33 N-ethylperfluorooctanesulfonamid (M) 32 d5-NEtFOSAA

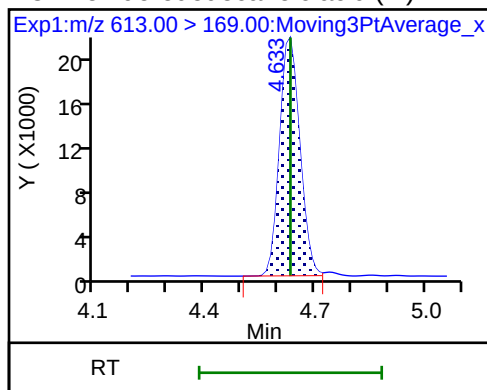


66 11-Chloroeicosafluoro-3-oxaundec (M) 36 13C2 PFDaA

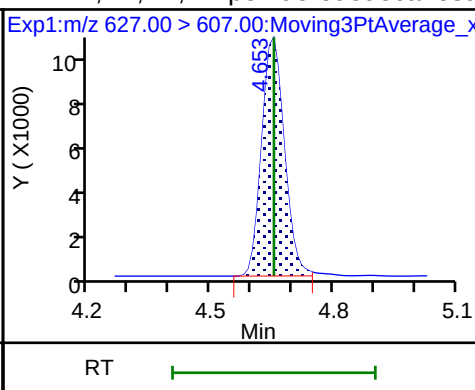
37 Perfluorododecanoic acid (M)



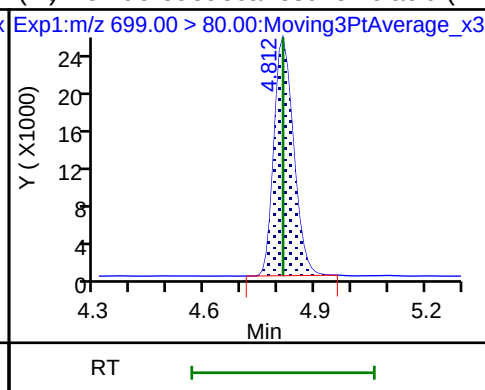
37 Perfluorododecanoic acid (M)



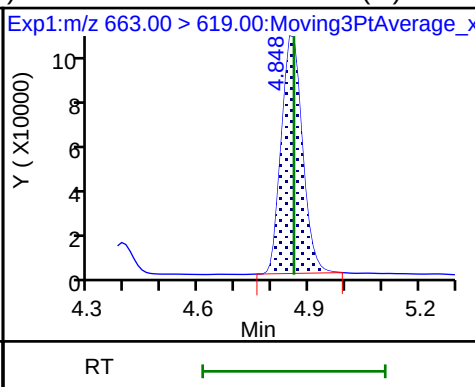
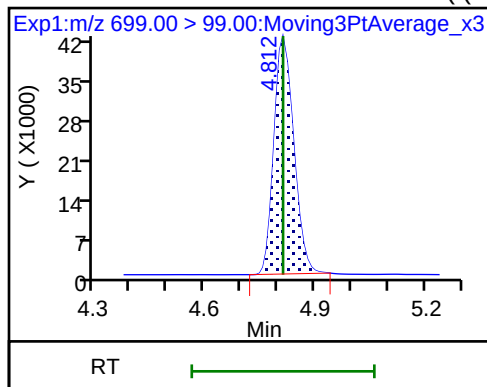
74 1H,1H,2H,2H-perfluorododecanesul (M)



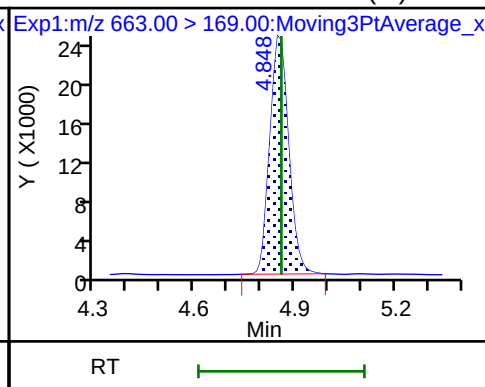
75 Perfluorododecanesulfonic acid (M)



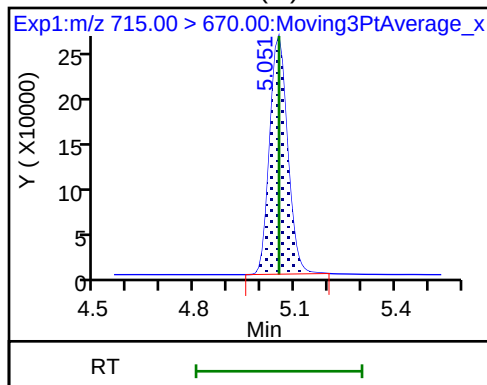
75 Perfluorododecanesulfonic acid (M) 41 Perfluorotridecanoic acid (M)



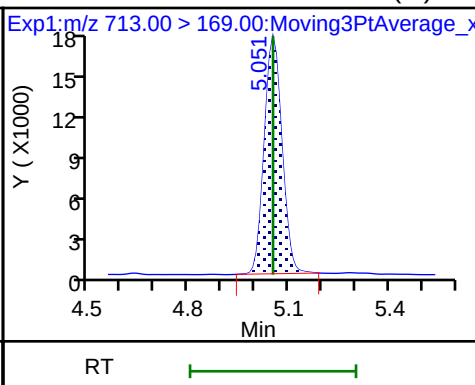
41 Perfluorotridecanoic acid (M)



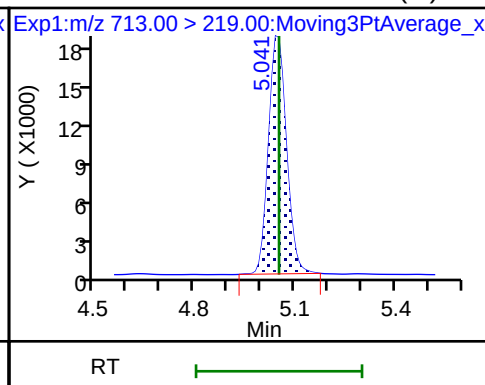
D 43 13C2 PFTeDA (M)



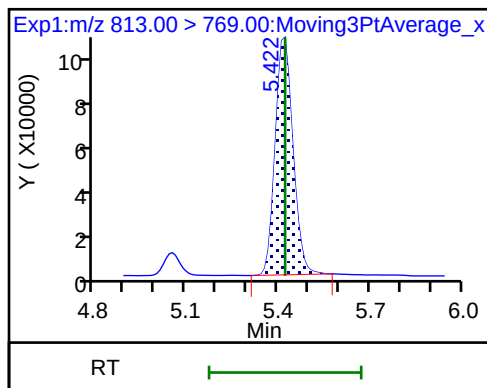
42 Perfluorotetradecanoic acid (M)



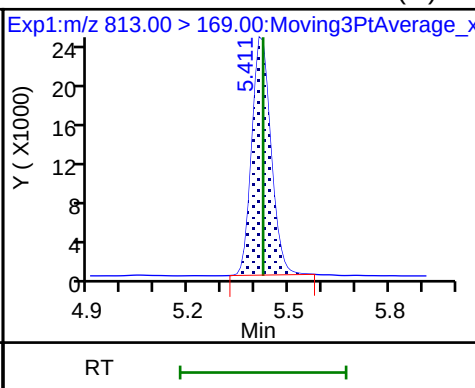
42 Perfluorotetradecanoic acid (M)



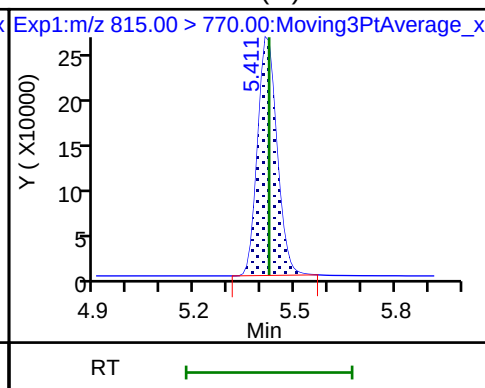
45 Perfluorohexadecanoic acid



45 Perfluorohexadecanoic acid (M)

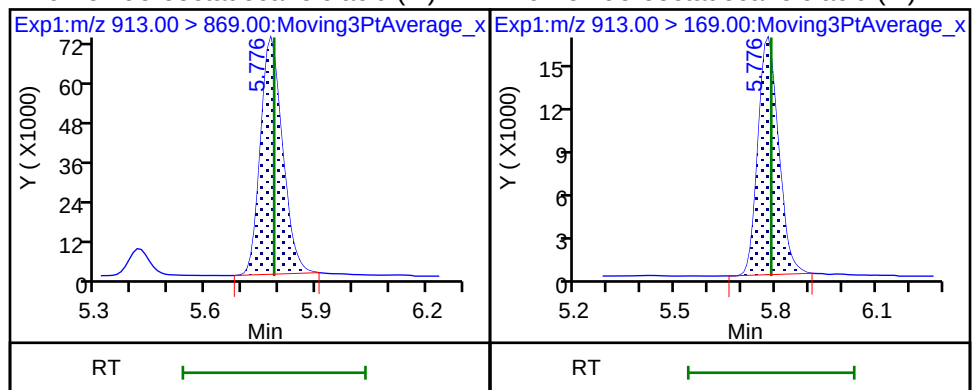


D 44 13C2 PFHxDA (M)



46 Perfluorooctadecanoic acid (M)

46 Perfluorooctadecanoic acid (M)



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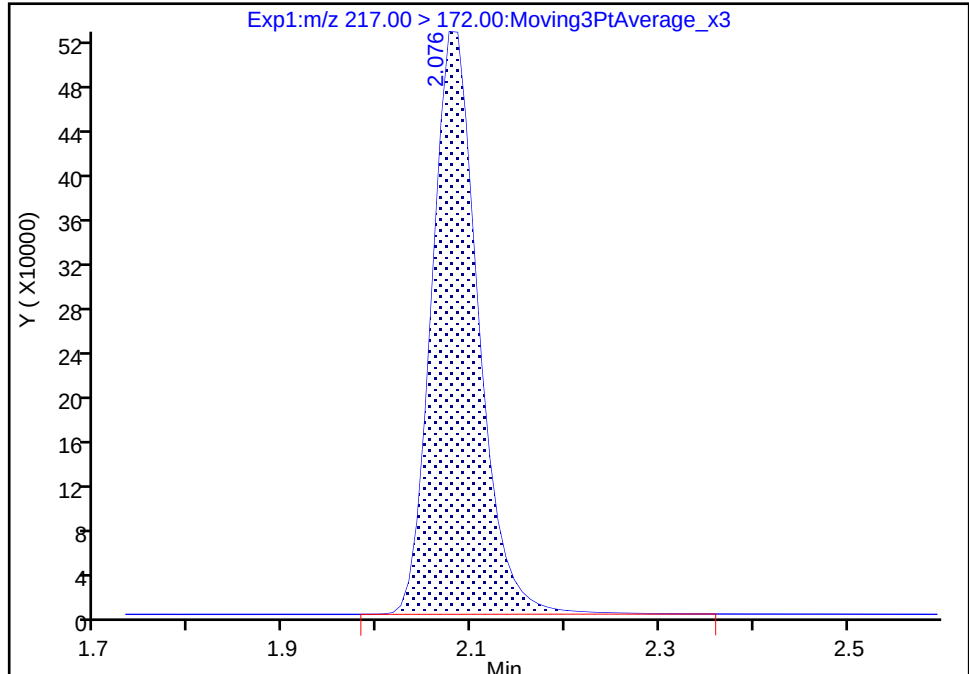
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 1 13C4 PFBA, CAS: STL00992

Signal: 1

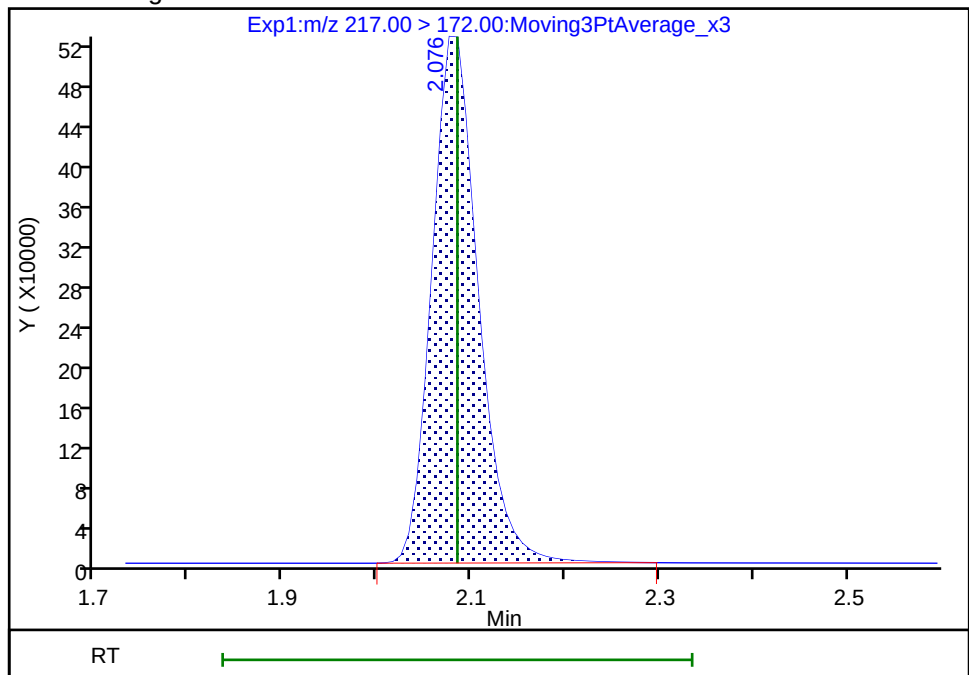
RT: 2.08
Area: 1795345
Amount: 1.268232
Amount Units: ng/ml

Processing Integration Results



RT: 2.08
Area: 1792010
Amount: 1.225097
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:39:39
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

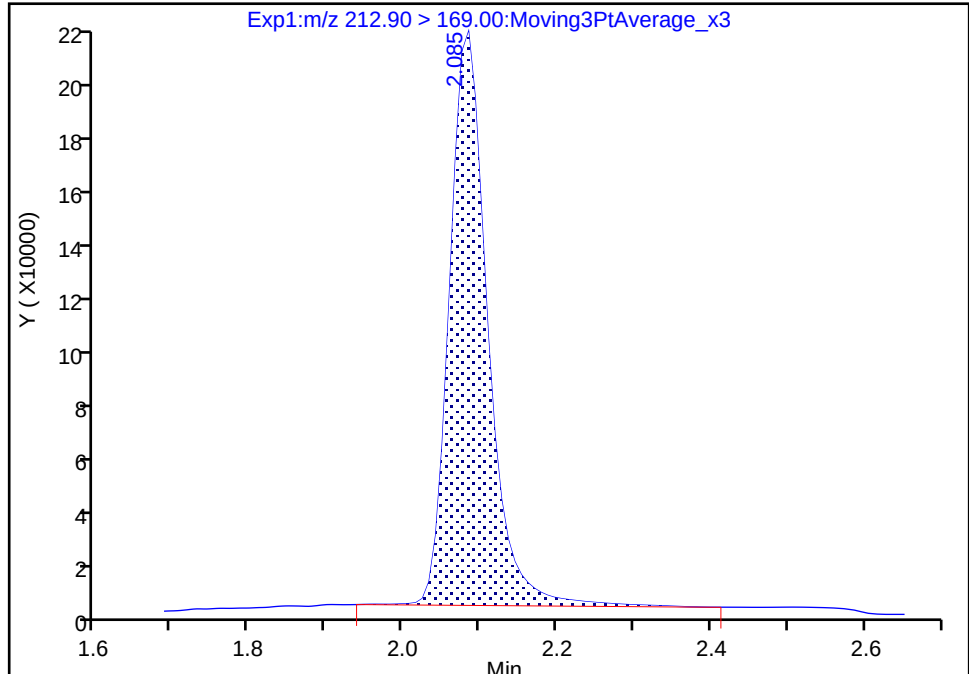
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Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

2 Perfluorobutanoic acid, CAS: 375-22-4

Signal: 1

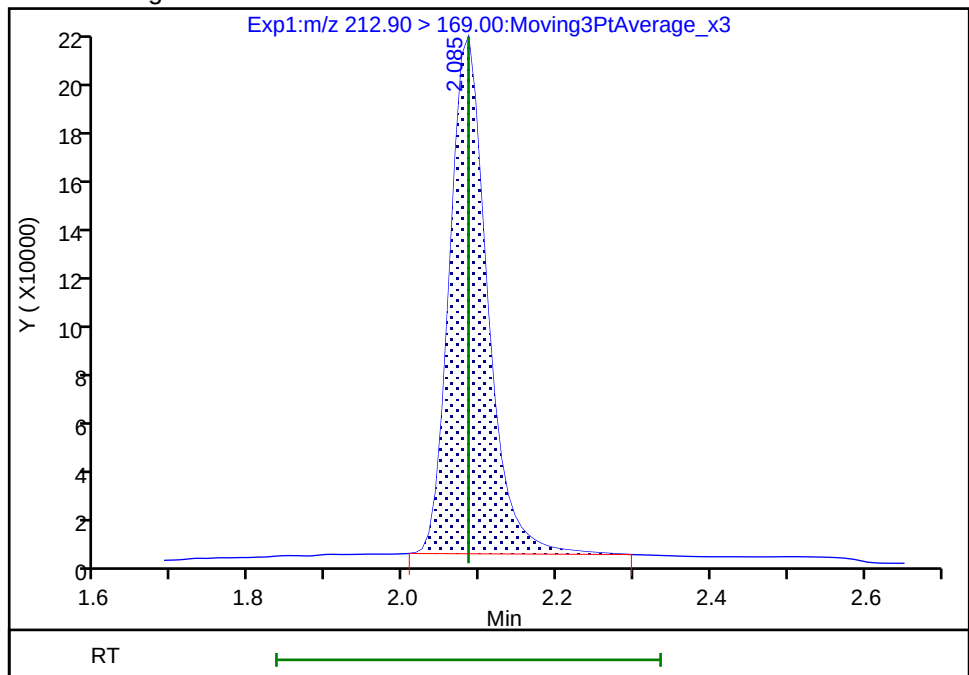
RT: 2.08
Area: 724572
Amount: 0.519802
Amount Units: ng/ml

Processing Integration Results



RT: 2.08
Area: 711450
Amount: 0.511777
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:39:32
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

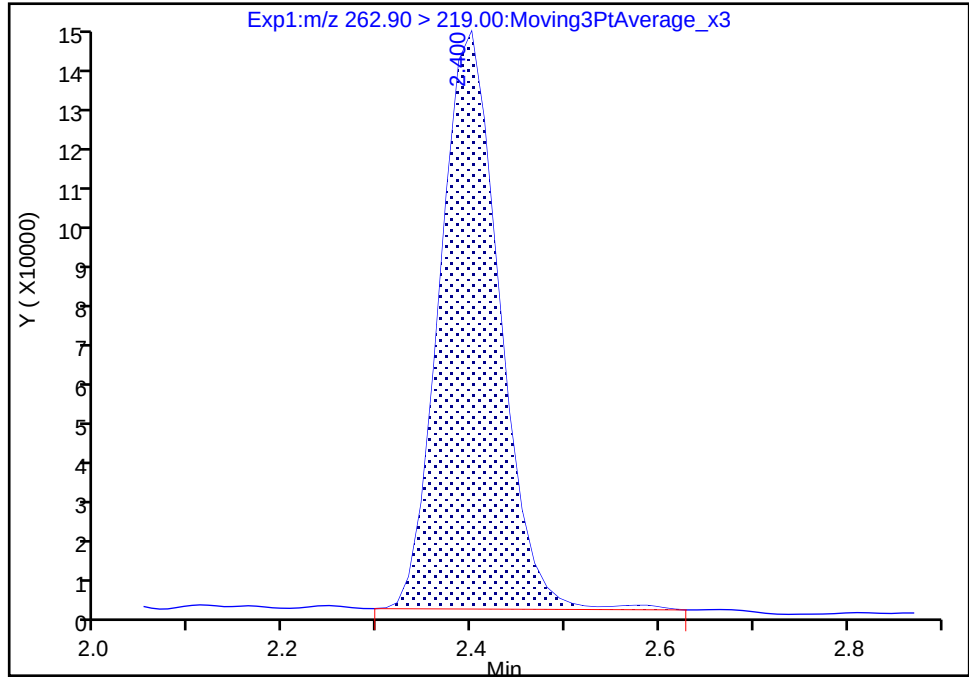
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Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

4 Perfluoropentanoic acid, CAS: 2706-90-3

Signal: 1

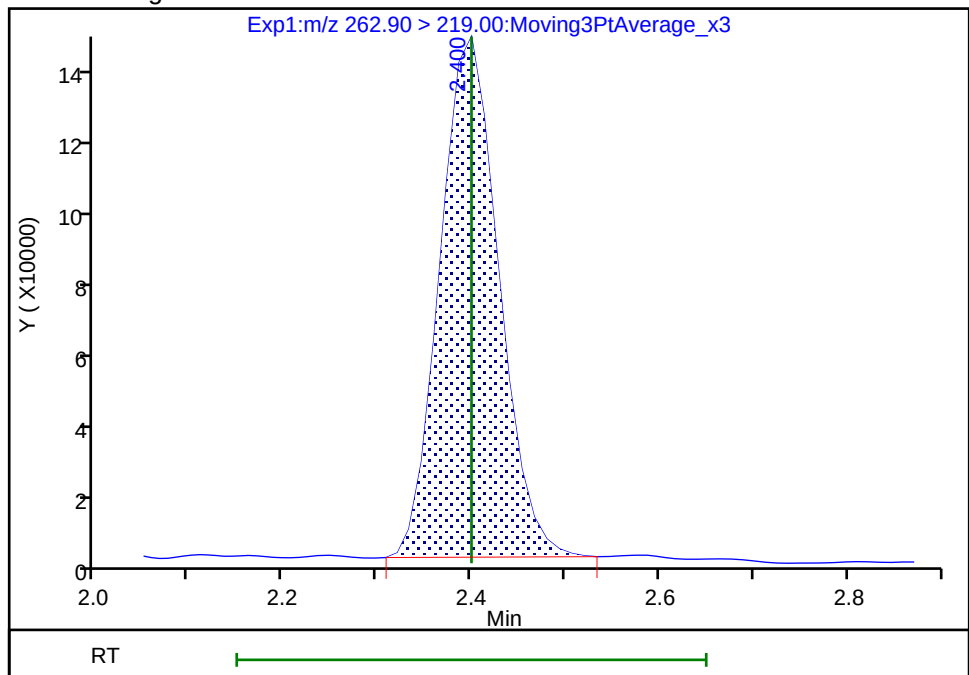
RT: 2.40
Area: 600040
Amount: 0.507888
Amount Units: ng/ml

Processing Integration Results



RT: 2.40
Area: 591383
Amount: 0.503976
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:39:47
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

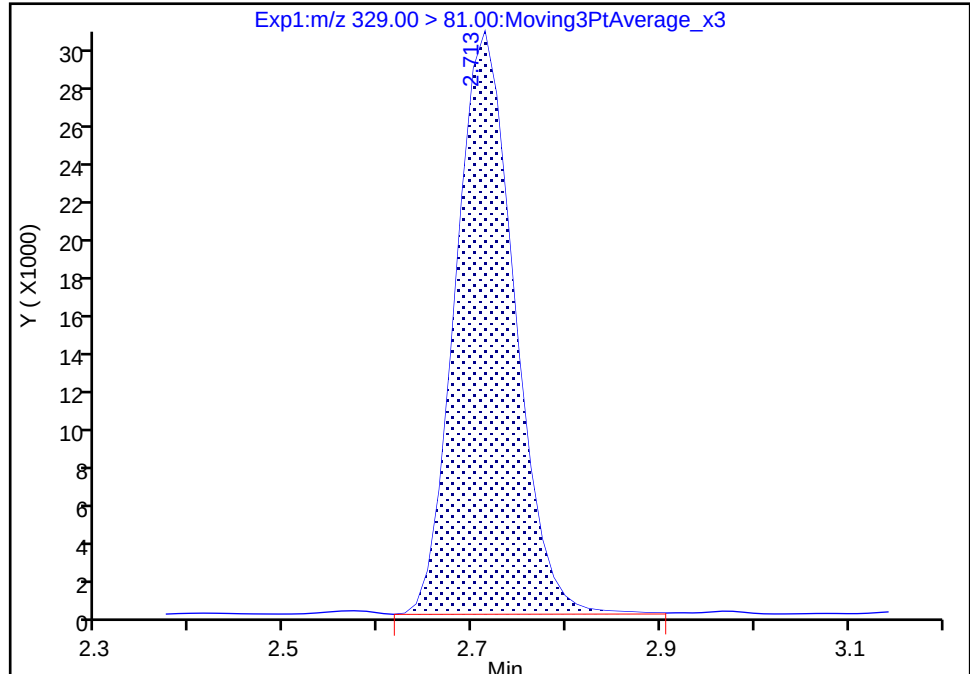
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Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 60 M2-4:2 FTS, CAS: STL02395

Signal: 1

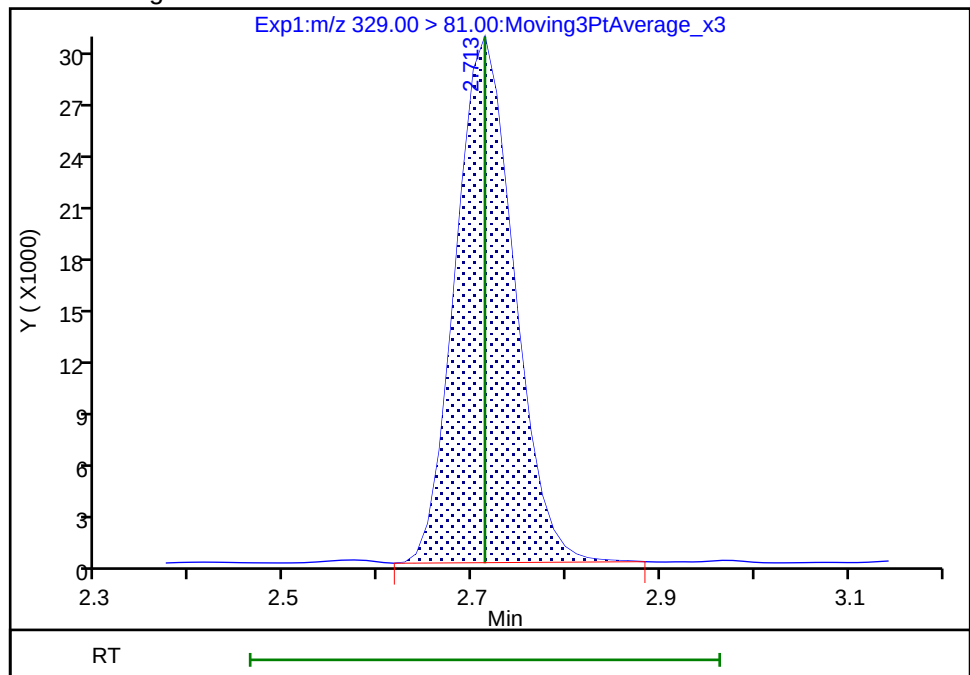
RT: 2.71
Area: 130969
Amount: 1.103533
Amount Units: ng/ml

Processing Integration Results



RT: 2.71
Area: 130321
Amount: 1.162809
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:39:58

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

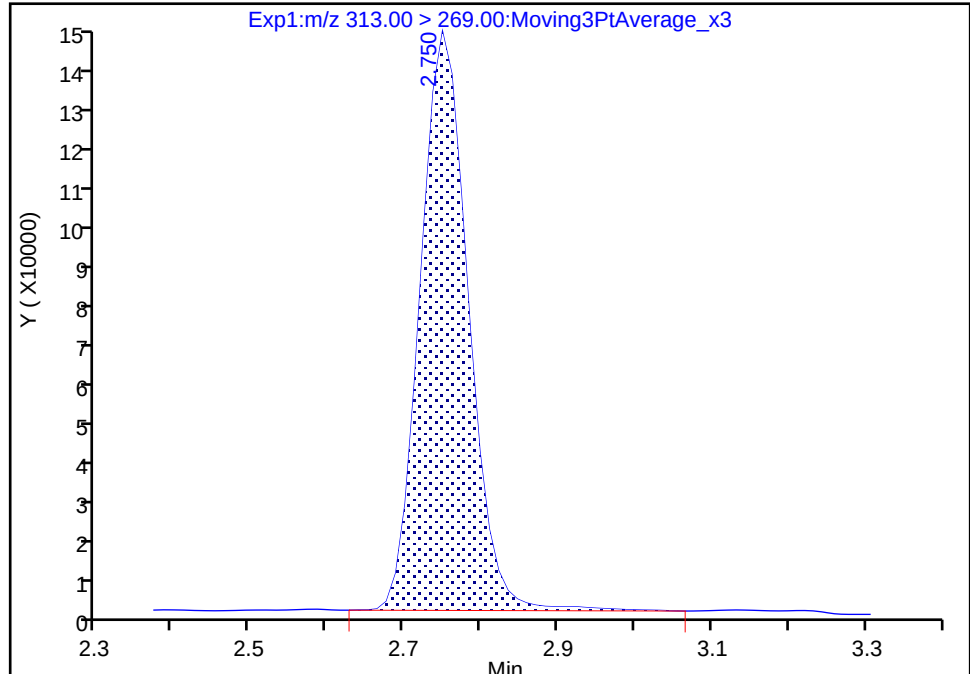
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Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

6 Perfluorohexanoic acid, CAS: 307-24-4

Signal: 1

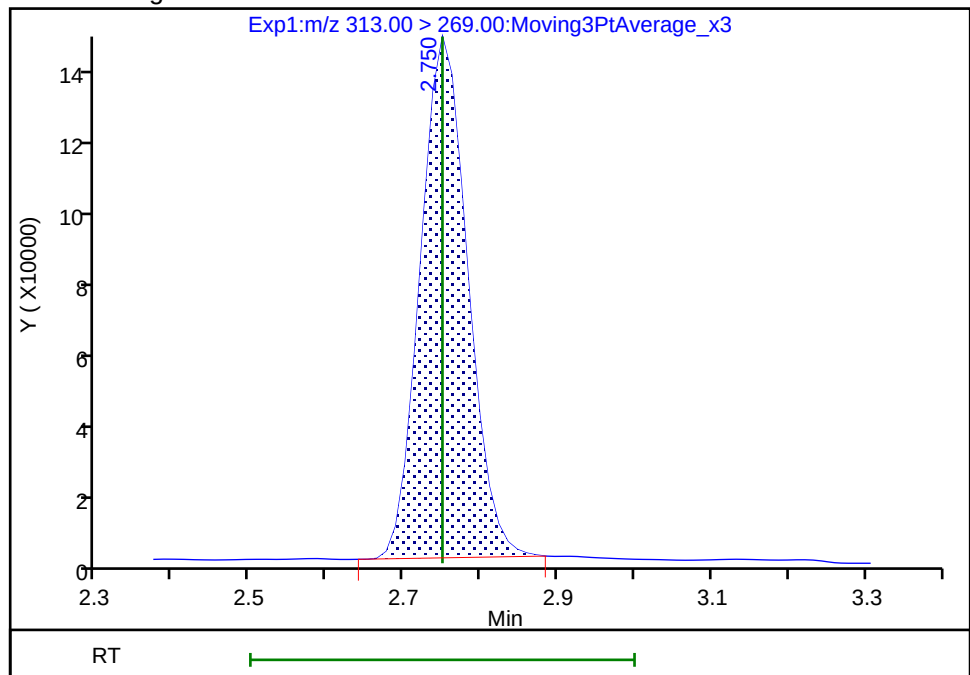
RT: 2.75
Area: 614701
Amount: 0.504369
Amount Units: ng/ml

Processing Integration Results



RT: 2.75
Area: 601465
Amount: 0.502807
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:40:06
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

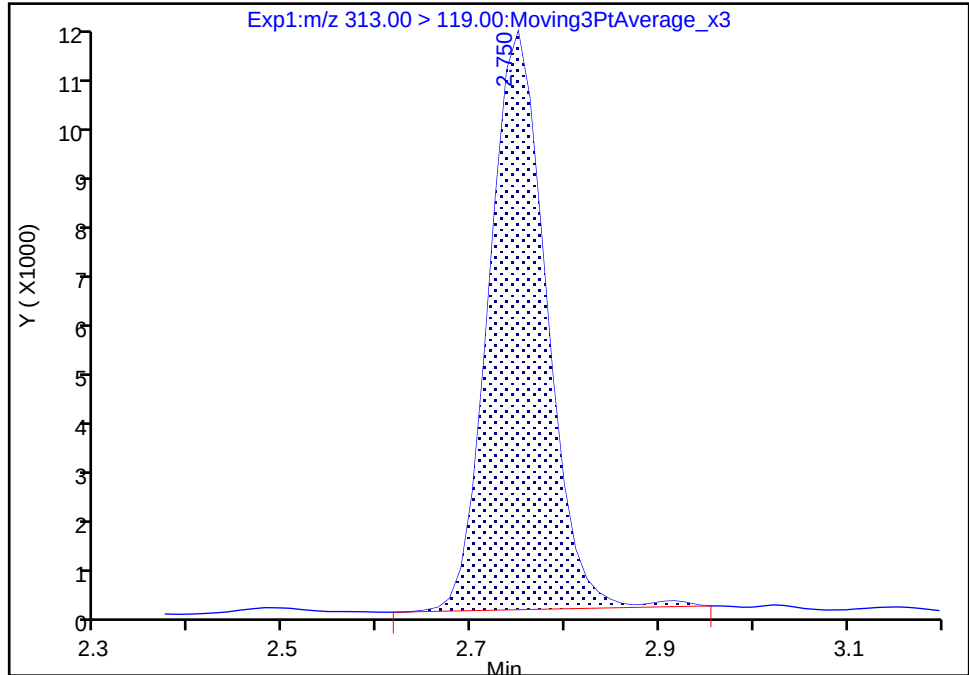
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Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

6 Perfluorohexanoic acid, CAS: 307-24-4

Signal: 2

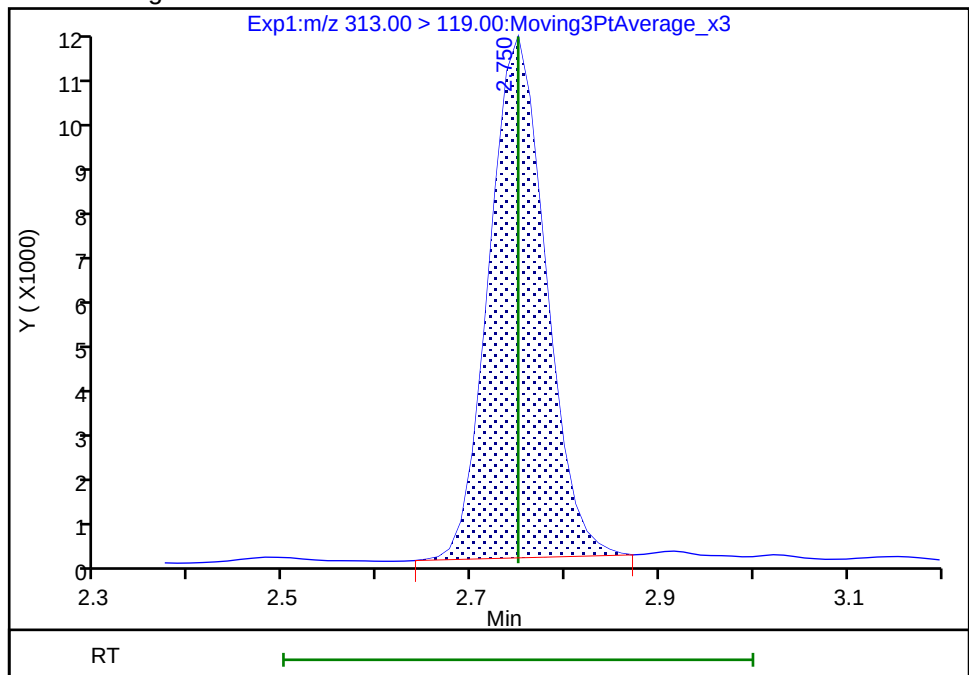
RT: 2.75
Area: 48784
Amount: 0.504369
Amount Units: ng/ml

Processing Integration Results



RT: 2.75
Area: 48082
Amount: 0.502807
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:40:10

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

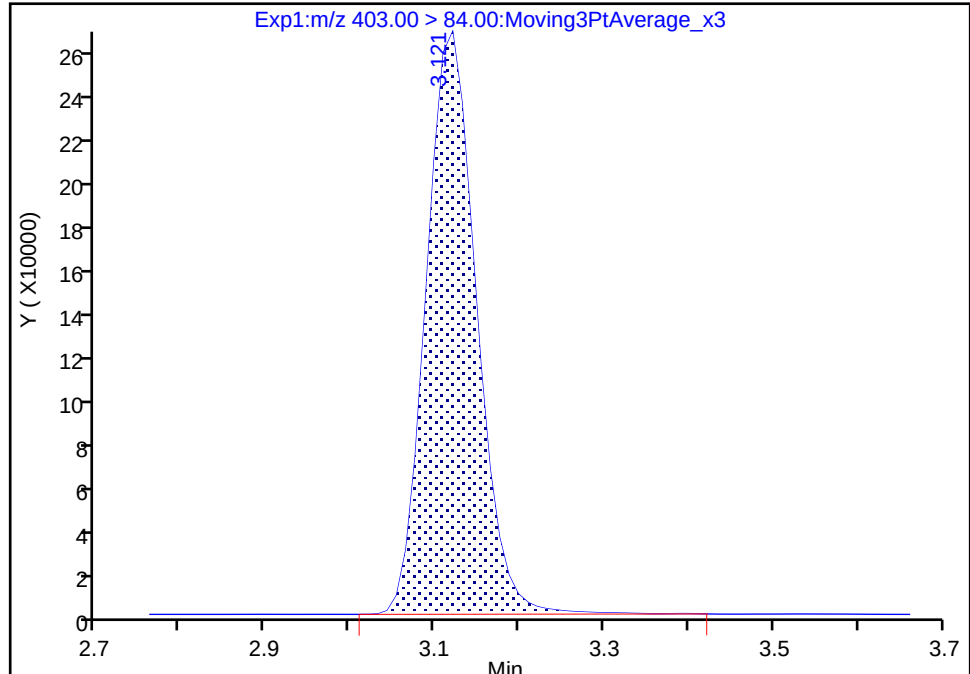
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 11 18O2 PFHxS, CAS: STL00994

Signal: 1

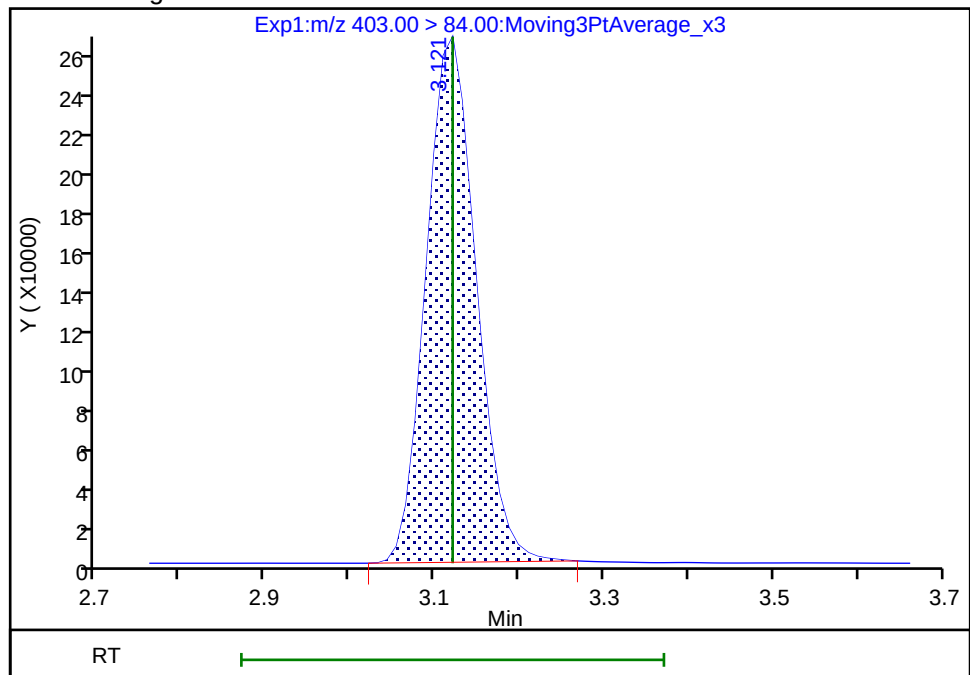
RT: 3.12
Area: 1081890
Amount: 1.032276
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 1070938
Amount: 1.169661
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:40:40
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

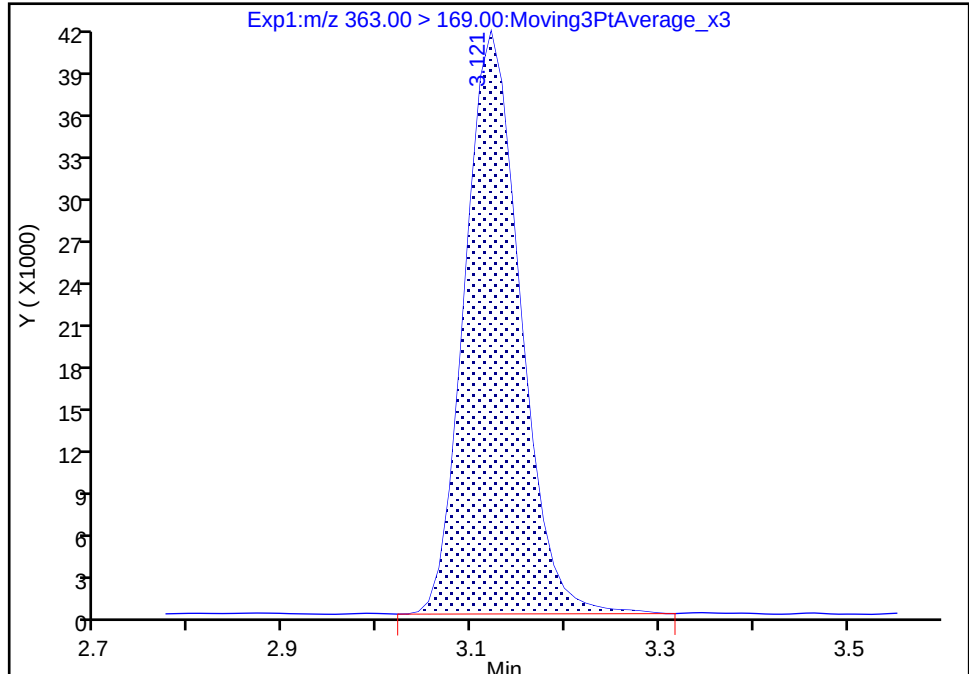
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Injection Date:	03-Aug-2022 13:16:40	Instrument ID:	LC812
Lims ID:	IC		
Client ID:			
Operator ID:	lc812tech	ALS Bottle#:	4
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	7

10 Perfluoroheptanoic acid, CAS: 375-85-9

Signal: 2

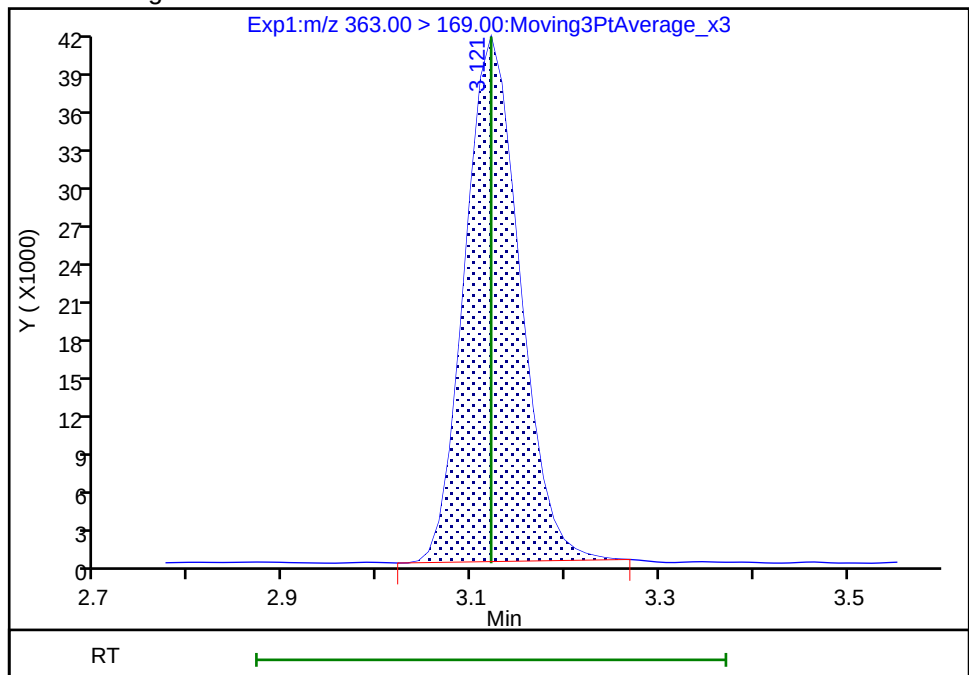
RT: 3.12
Area: 170845
Amount: 0.479503
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 168702
Amount: 0.479394
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:40:49
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

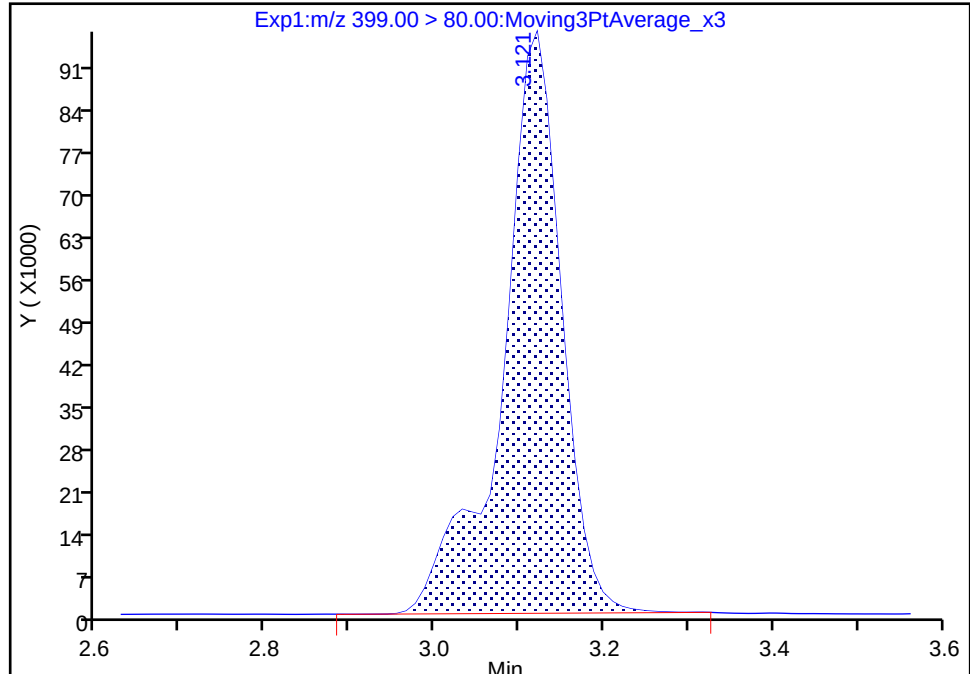
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 1

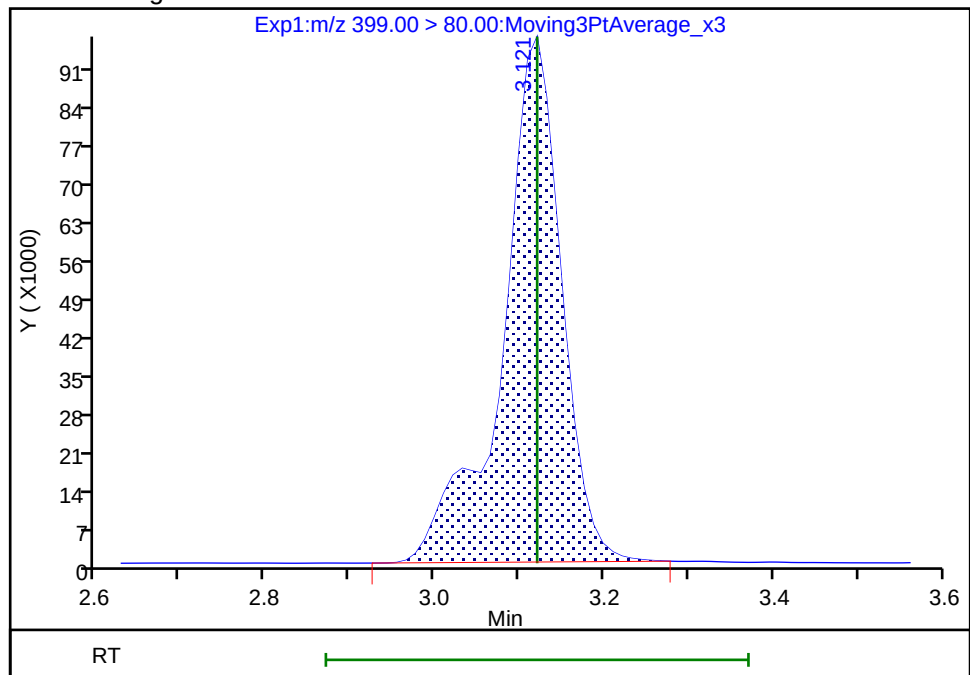
RT: 3.12
Area: 470116
Amount: 0.460972
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 469103
Amount: 0.469627
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:40:31
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

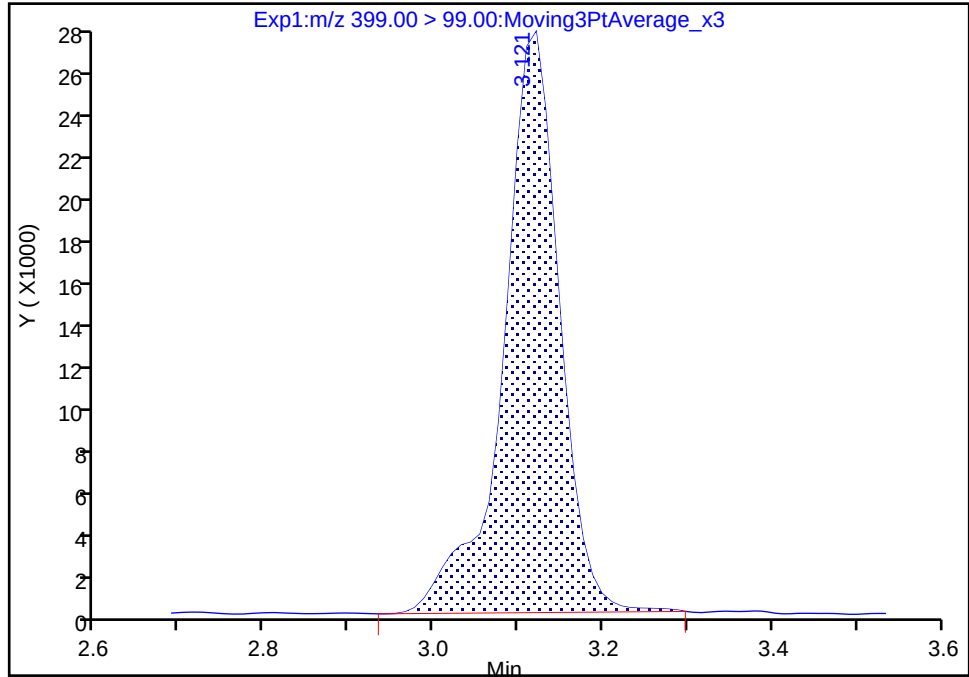
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Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 2

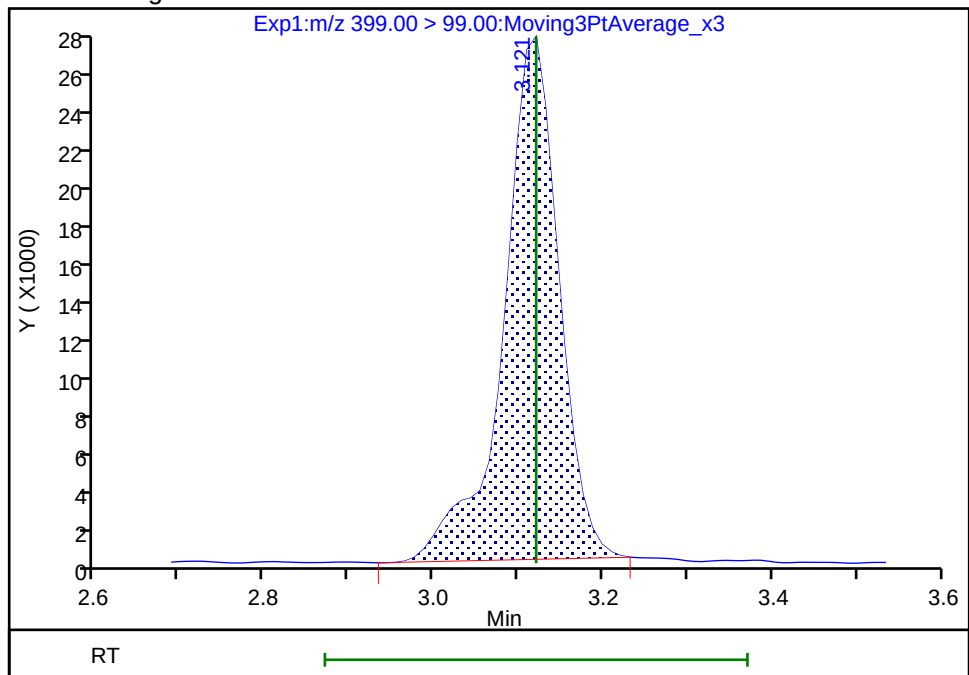
RT: 3.12
Area: 126783
Amount: 0.460972
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 124544
Amount: 0.469627
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:40:35

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

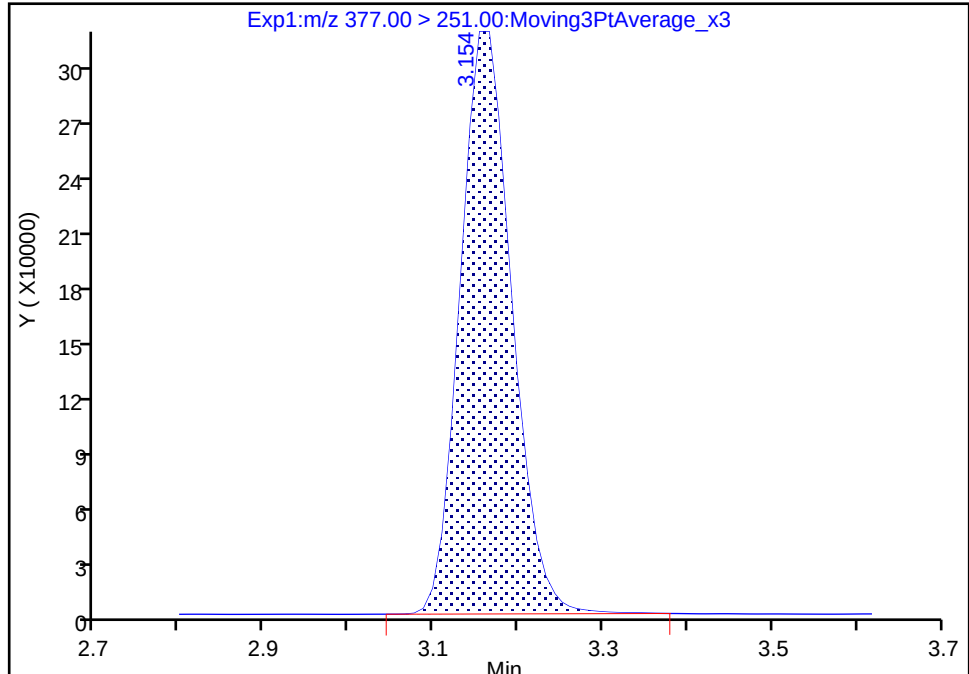
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

77 DONA, CAS: 919005-14-4

Signal: 1

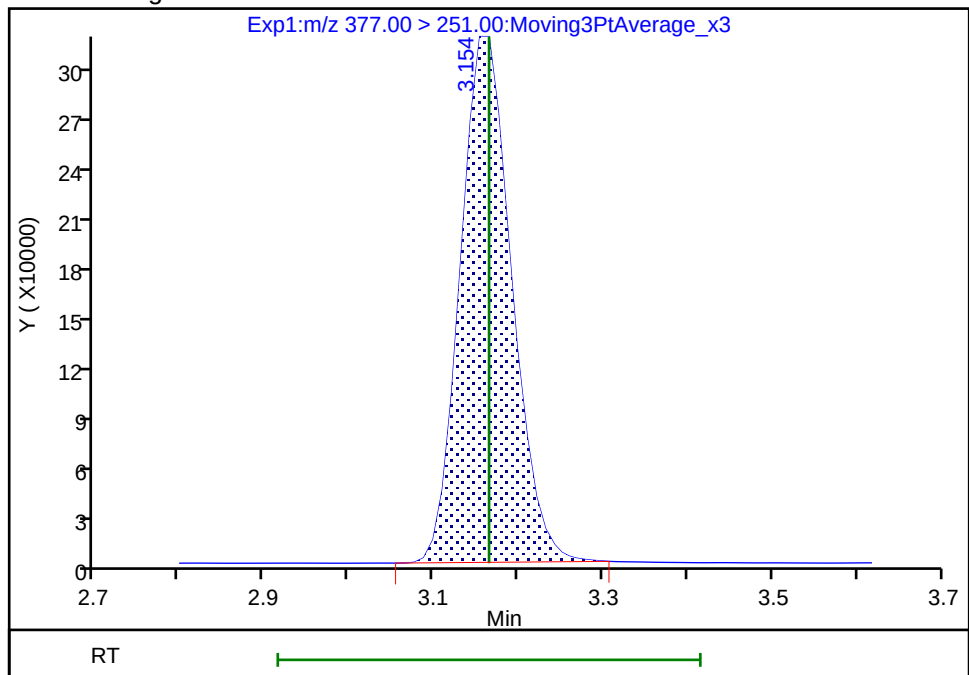
RT: 3.15
Area: 1348943
Amount: 0.639823
Amount Units: ng/ml

Processing Integration Results



RT: 3.15
Area: 1341908
Amount: 0.484012
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:40:55
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

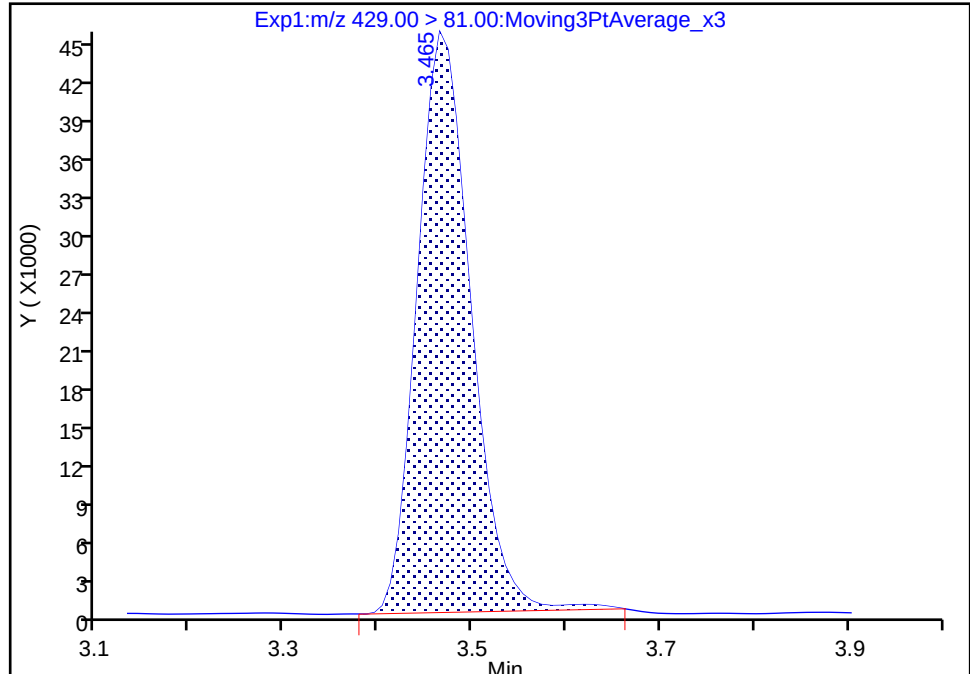
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 12 M2-6:2 FTS, CAS: STL02279

Signal: 1

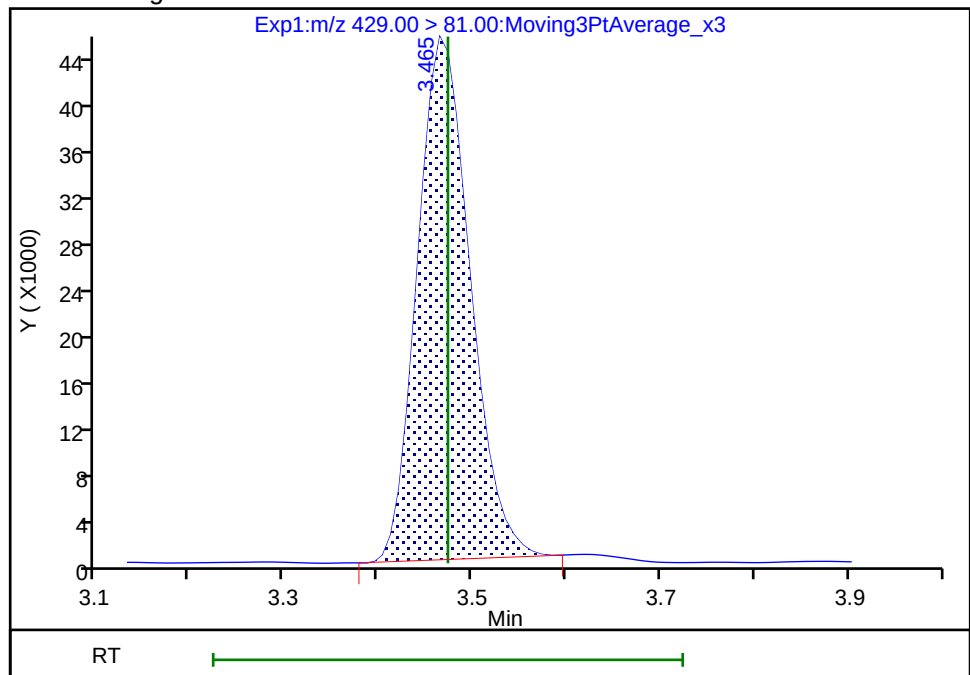
RT: 3.46
Area: 178299
Amount: 1.041540
Amount Units: ng/ml

Processing Integration Results



RT: 3.46
Area: 174667
Amount: 1.139789
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:41:02

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

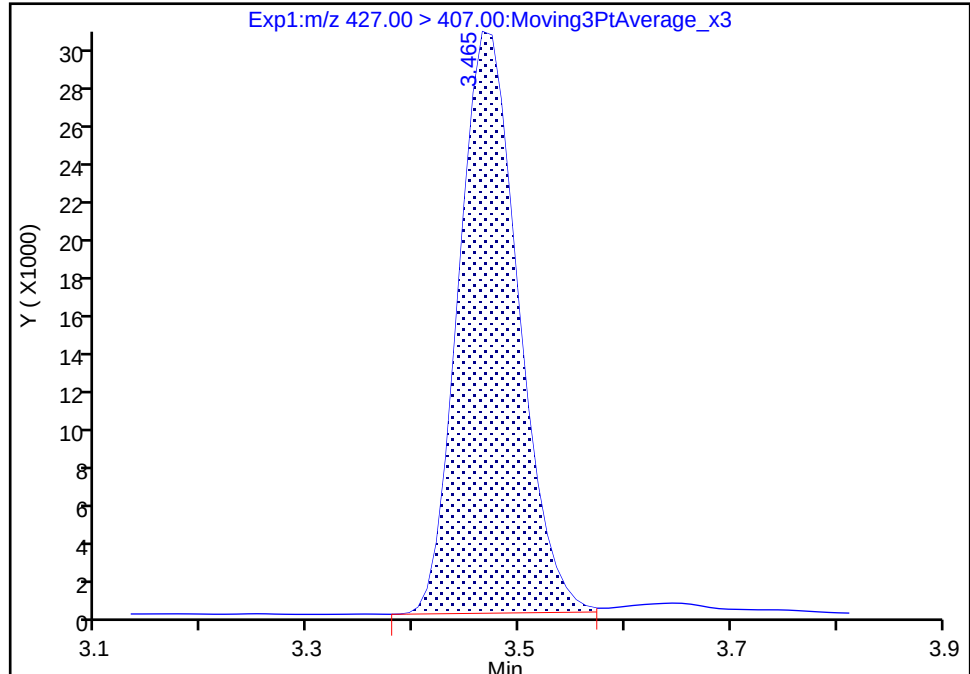
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

13 1H,1H,2H,2H-perfluorooctanesulfo, CAS: 27619-97-2

Signal: 1

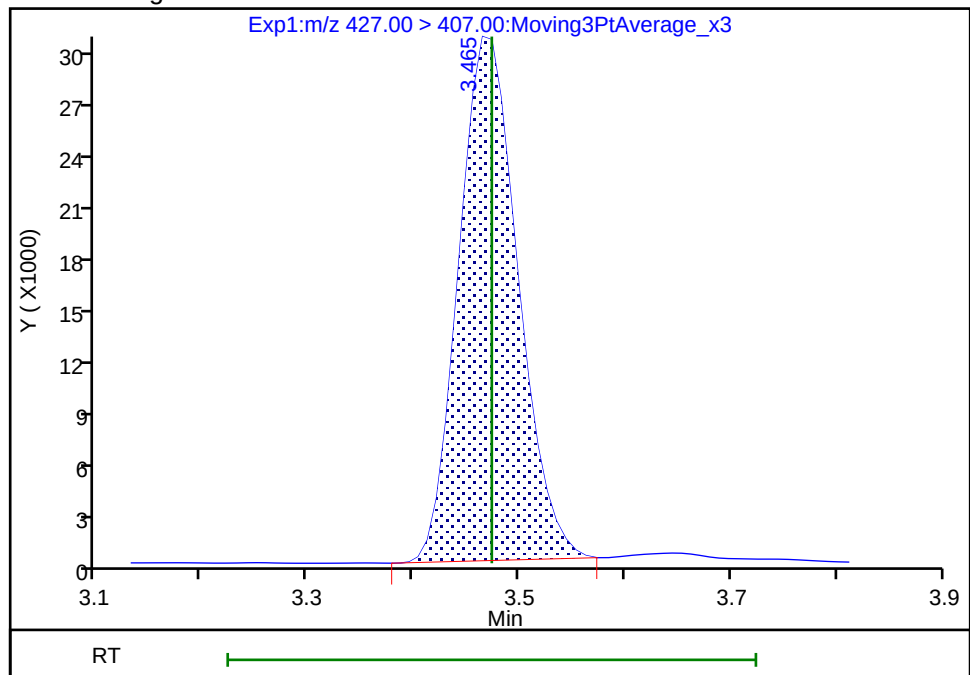
RT: 3.46
Area: 118044
Amount: 0.509396
Amount Units: ng/ml

Processing Integration Results



RT: 3.46
Area: 116911
Amount: 0.528649
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:41:17
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

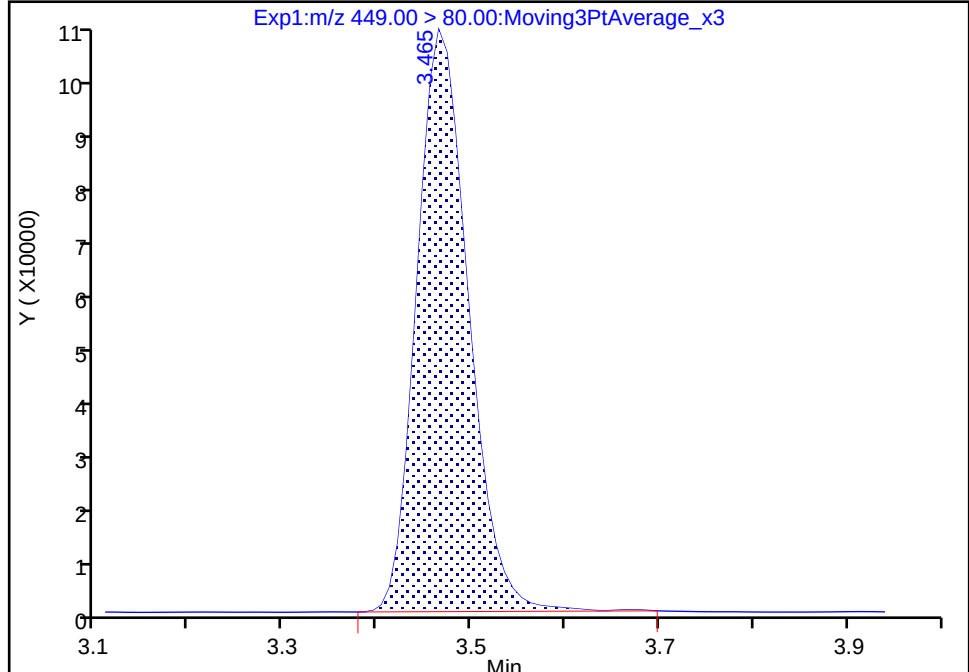
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

16 Perfluoroheptanesulfonic acid, CAS: 375-92-8

Signal: 1

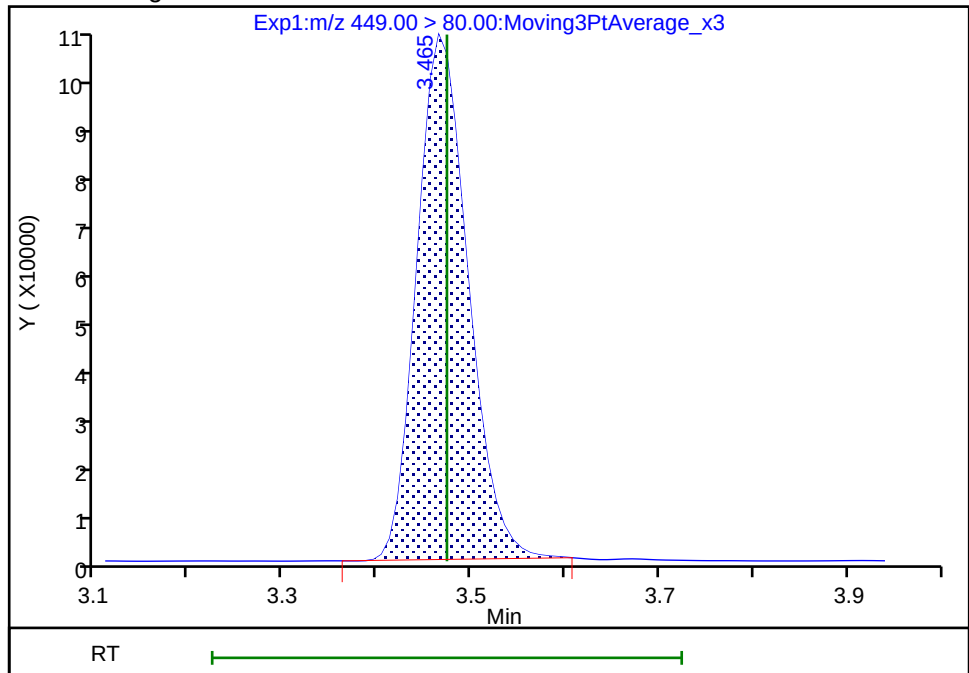
RT: 3.46
Area: 405072
Amount: 0.489238
Amount Units: ng/ml

Processing Integration Results



RT: 3.46
Area: 400346
Amount: 0.481187
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:41:13
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

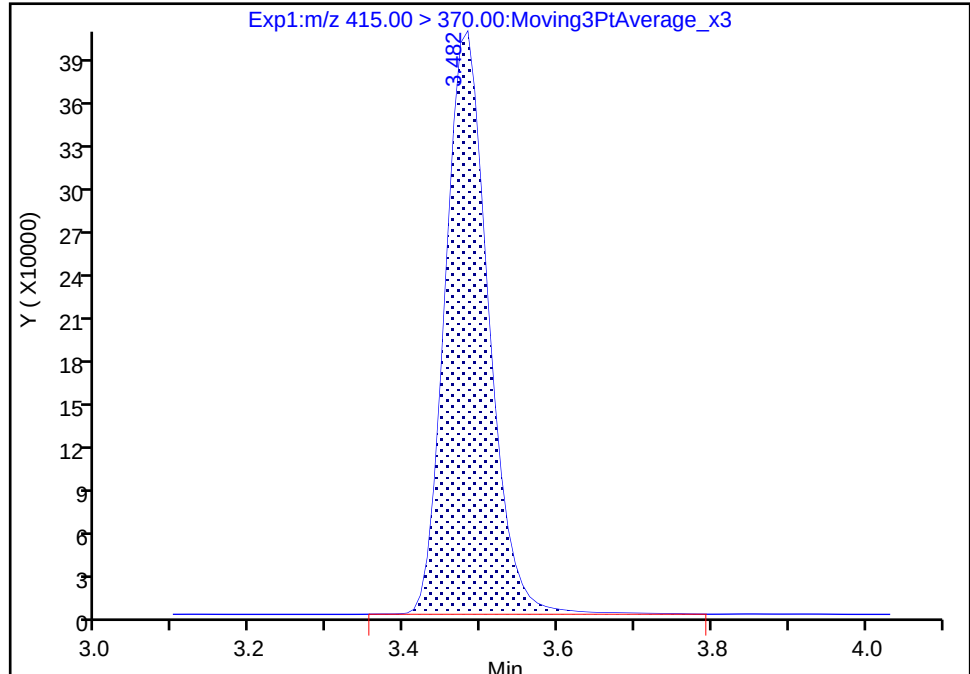
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

* 62 13C2 PFOA, CAS: STL00623

Signal: 1

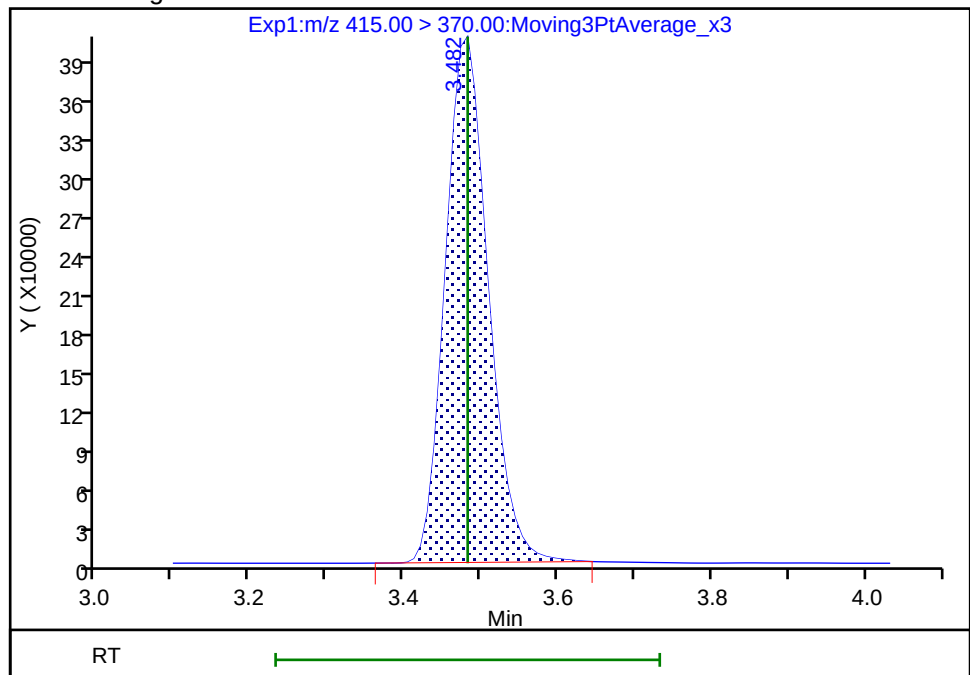
RT: 3.48
Area: 1581879
Amount: 1.250000
Amount Units: ng/ml

Processing Integration Results



RT: 3.48
Area: 1566724
Amount: 1.250000
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:41:24

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

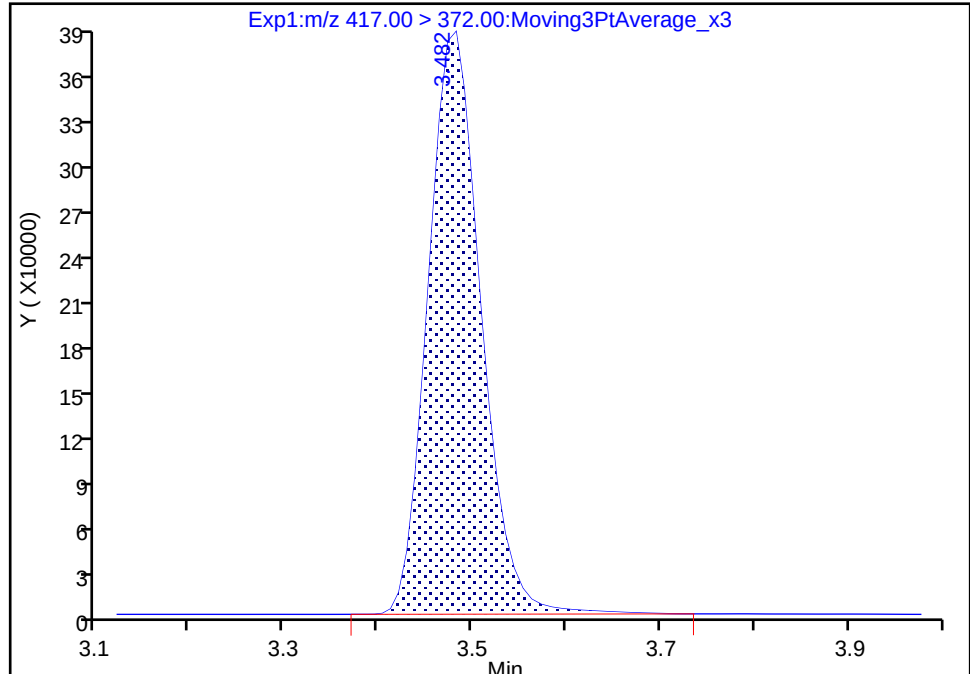
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 14 13C4 PFOA, CAS: STL00990

Signal: 1

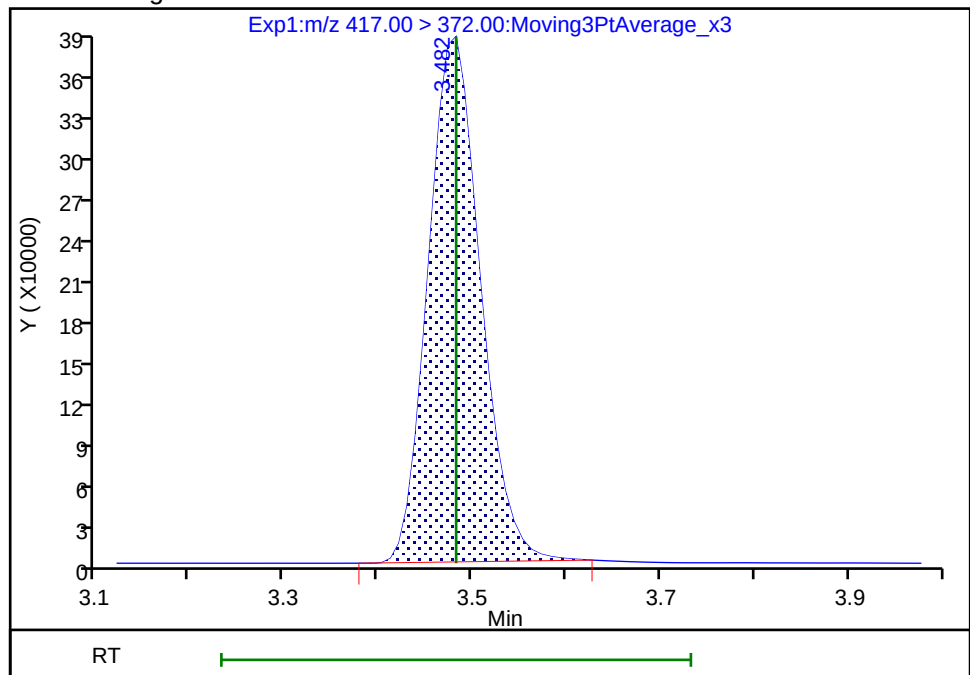
RT: 3.48
Area: 1490531
Amount: 1.252848
Amount Units: ng/ml

Processing Integration Results



RT: 3.48
Area: 1470428
Amount: 1.231637
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:41:29

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

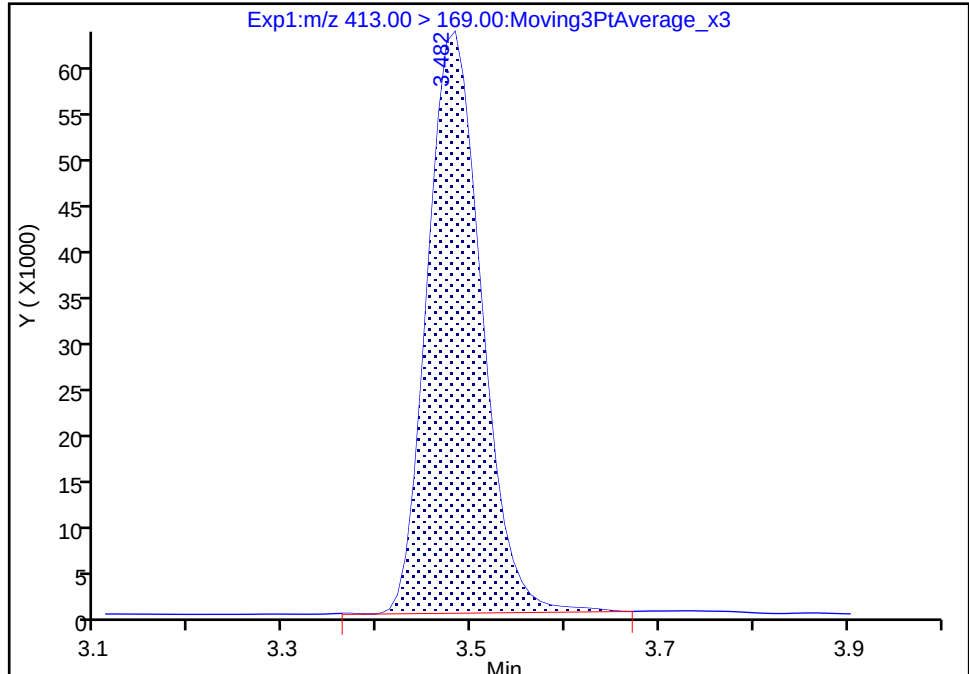
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 2

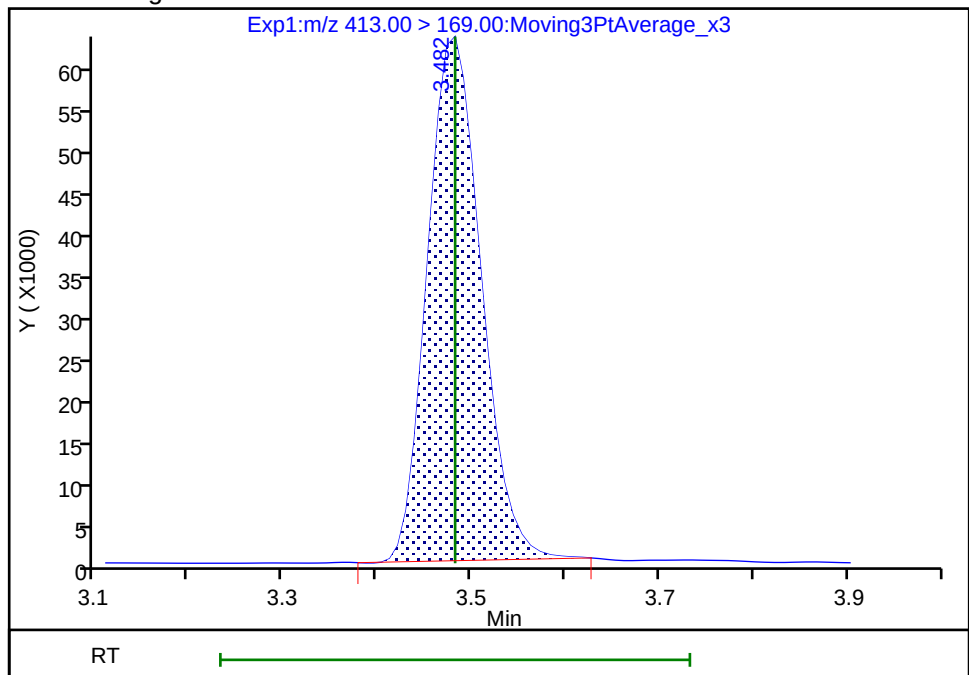
RT: 3.48
Area: 253418
Amount: 0.496279
Amount Units: ng/ml

Processing Integration Results



RT: 3.48
Area: 249816
Amount: 0.502347
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:41:35
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

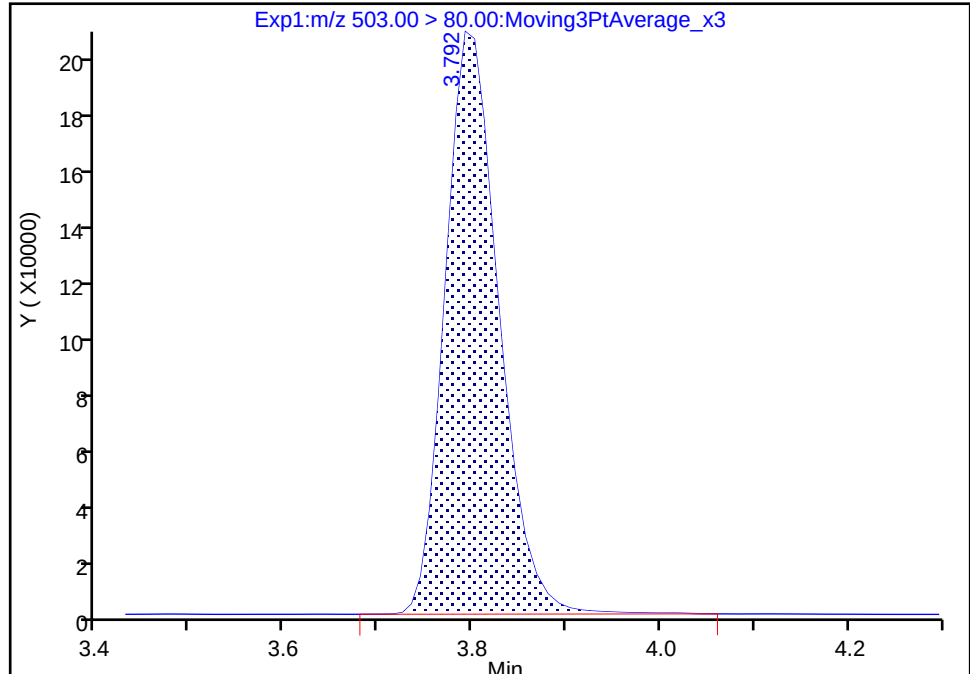
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 18 13C4 PFOS, CAS: STL00991

Signal: 1

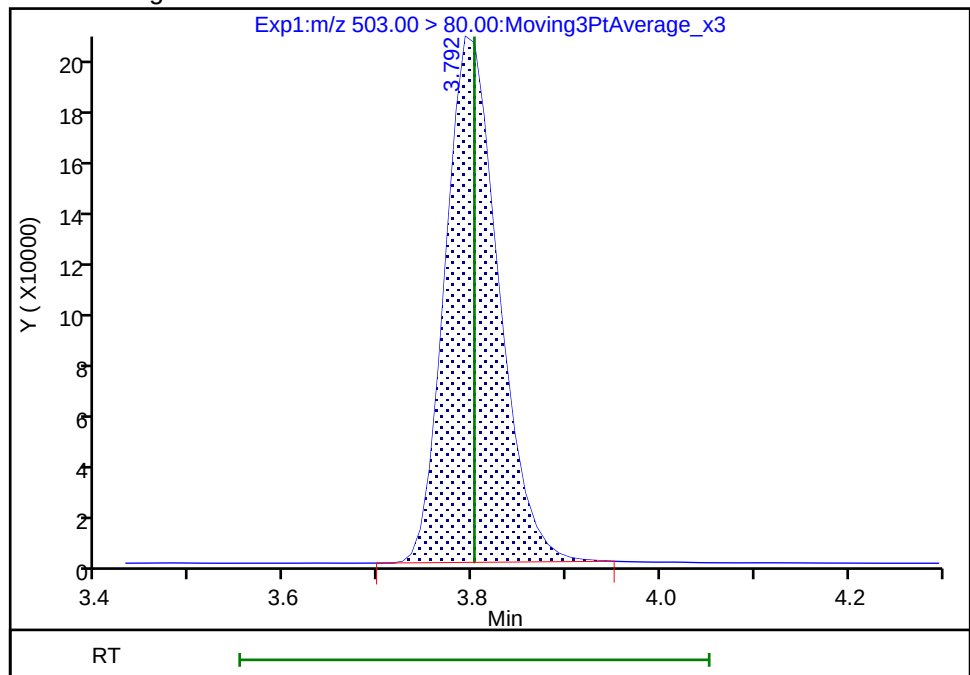
RT: 3.79
Area: 811021
Amount: 1.001596
Amount Units: ng/ml

Processing Integration Results



RT: 3.79
Area: 804391
Amount: 1.176576
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:41:40
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

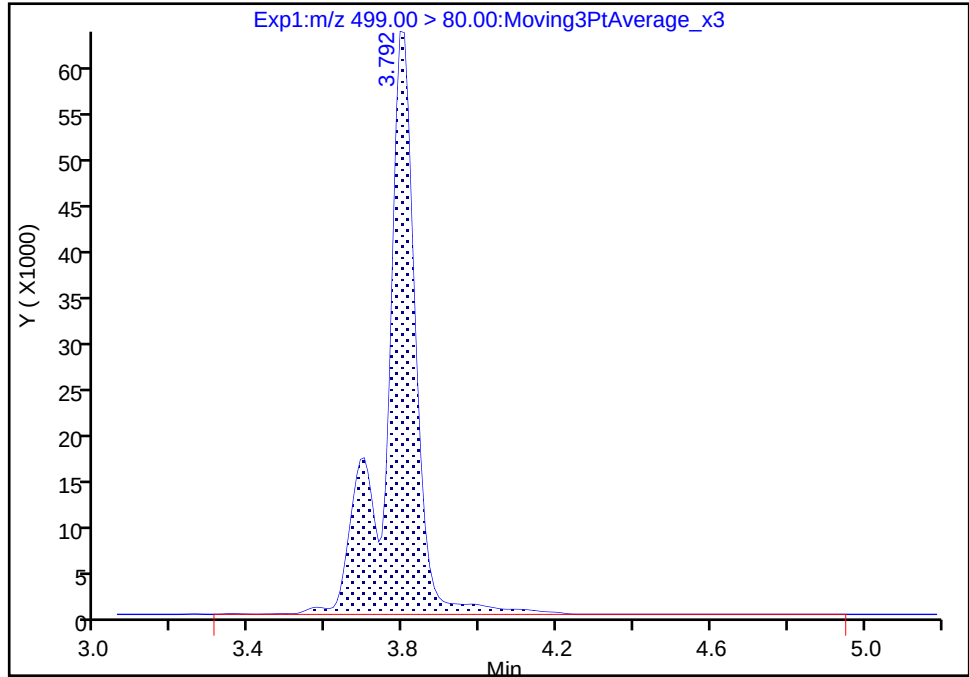
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 1

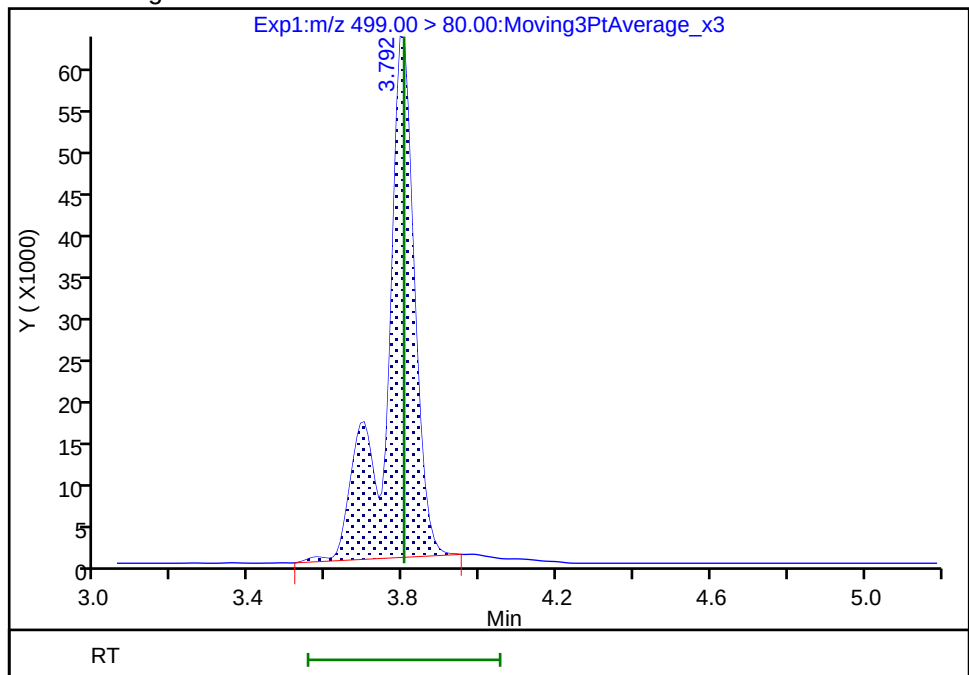
RT: 3.79
Area: 350326
Amount: 0.465488
Amount Units: ng/ml

Processing Integration Results



RT: 3.79
Area: 326050
Amount: 0.468366
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:41:45
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

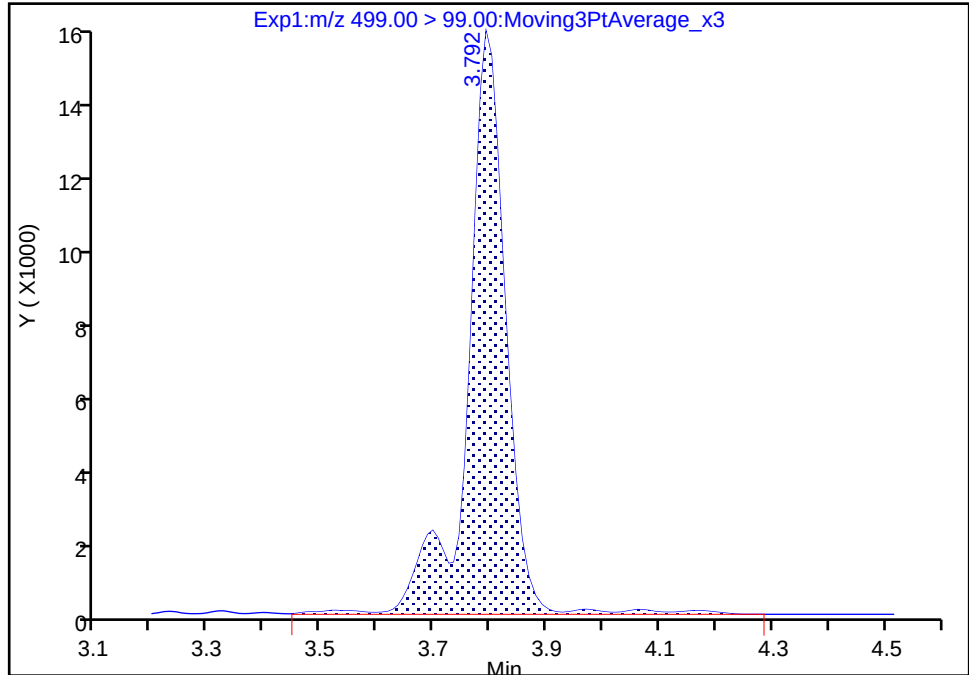
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 2

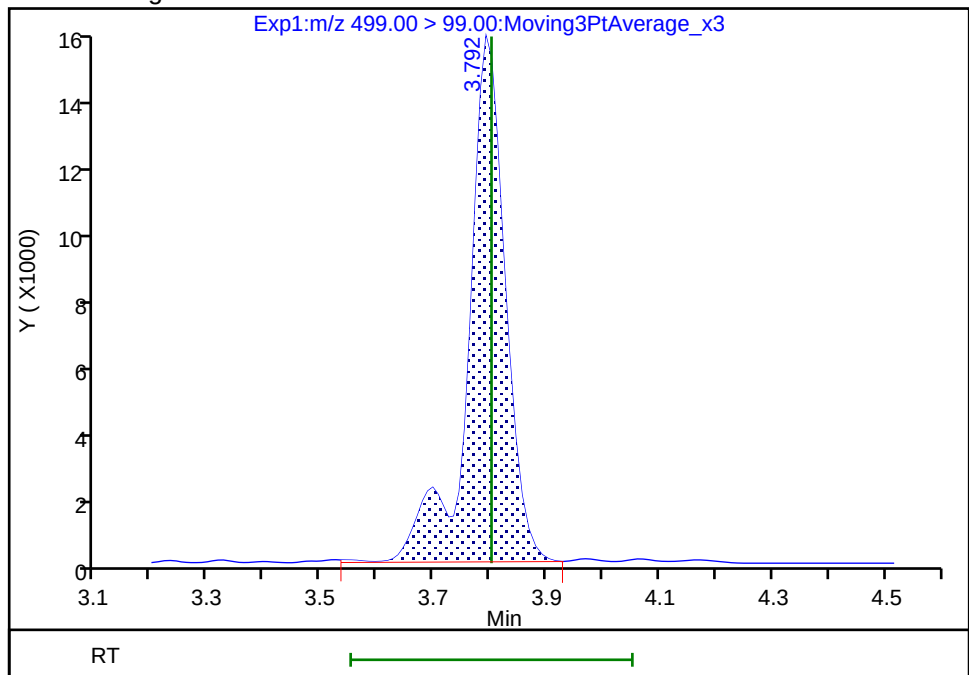
RT: 3.79
Area: 73855
Amount: 0.465488
Amount Units: ng/ml

Processing Integration Results



RT: 3.79
Area: 71279
Amount: 0.468366
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:42:00

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

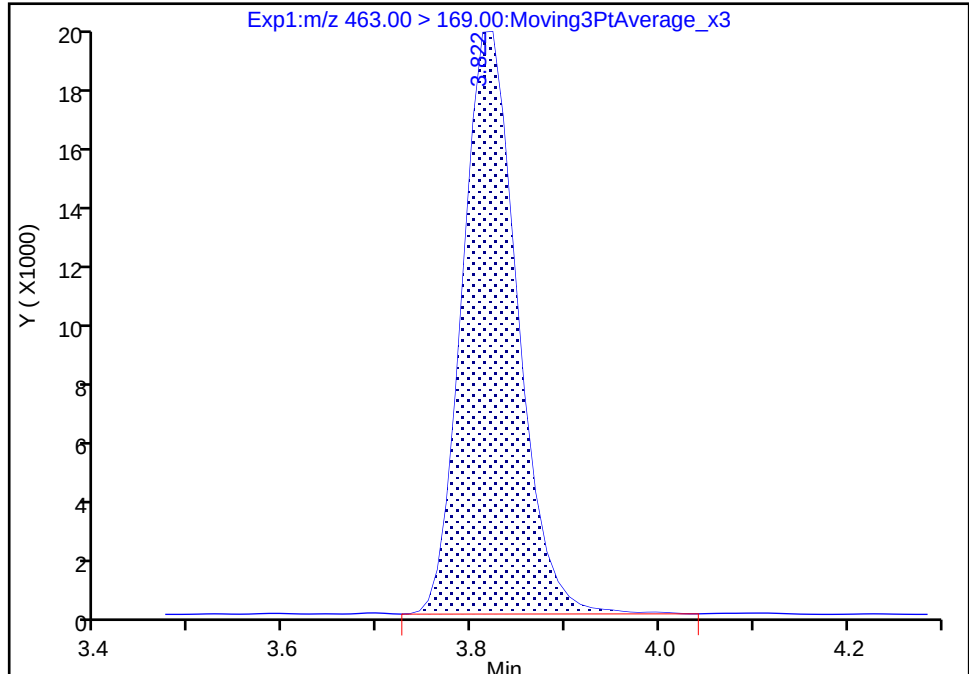
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

20 Perfluorononanoic acid, CAS: 375-95-1

Signal: 2

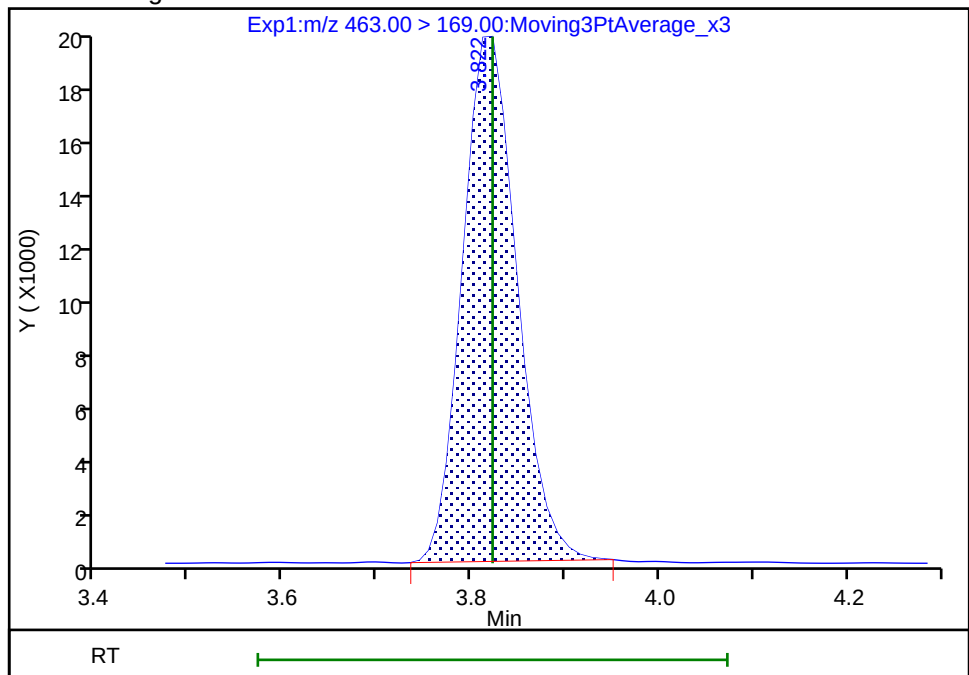
RT: 3.82
Area: 78457
Amount: 0.516156
Amount Units: ng/ml

Processing Integration Results



RT: 3.82
Area: 77379
Amount: 0.502986
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:42:05
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

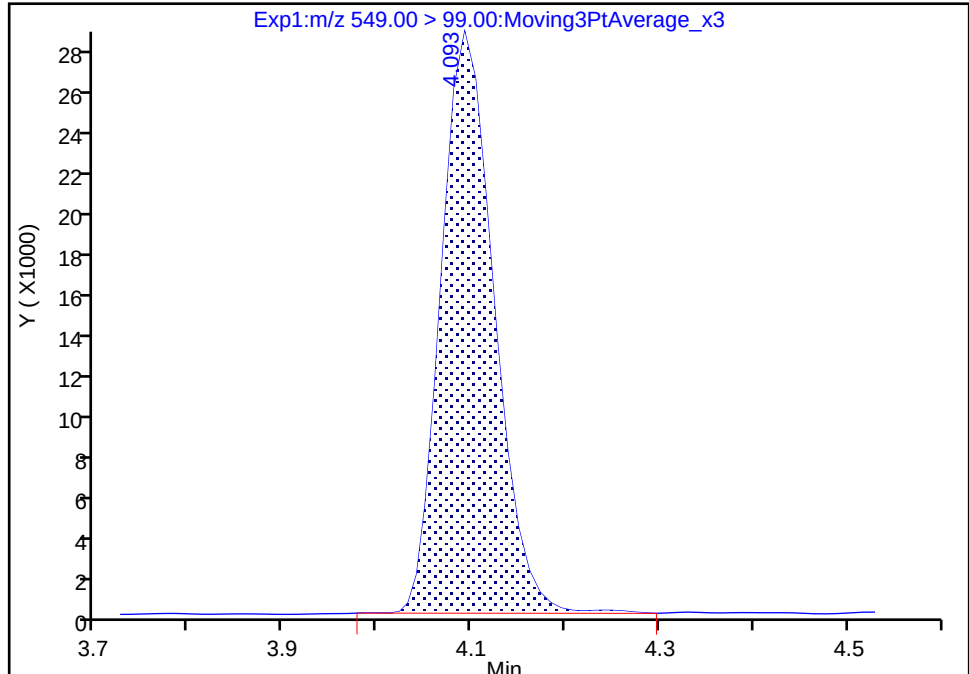
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

68 Perfluoronanesulfonic acid, CAS: 68259-12-1

Signal: 2

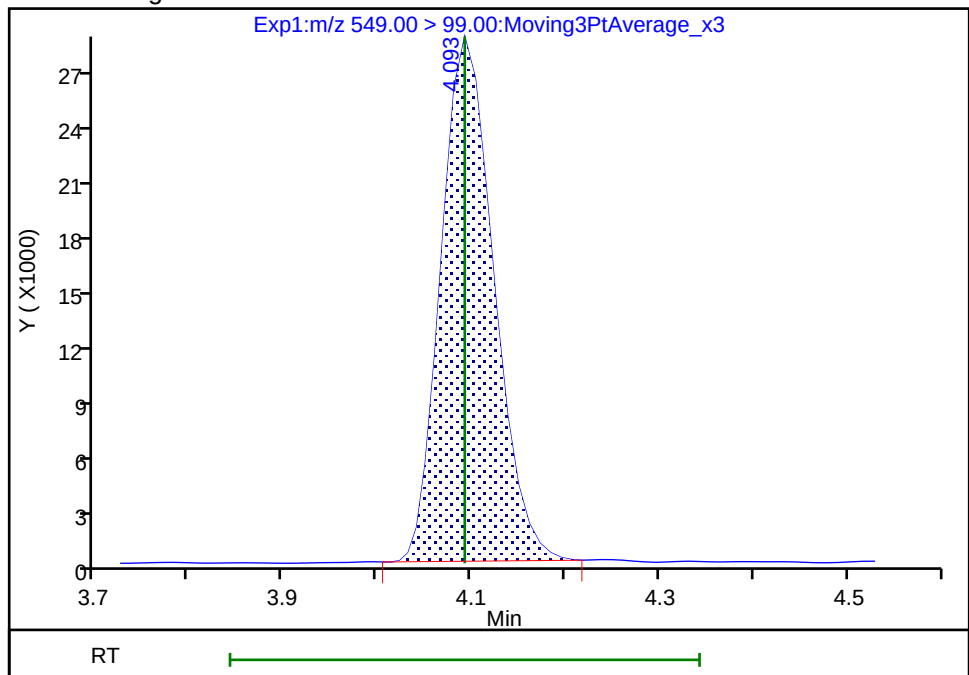
RT: 4.09
Area: 112907
Amount: 0.486229
Amount Units: ng/ml

Processing Integration Results



RT: 4.09
Area: 111662
Amount: 0.486523
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:42:16
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

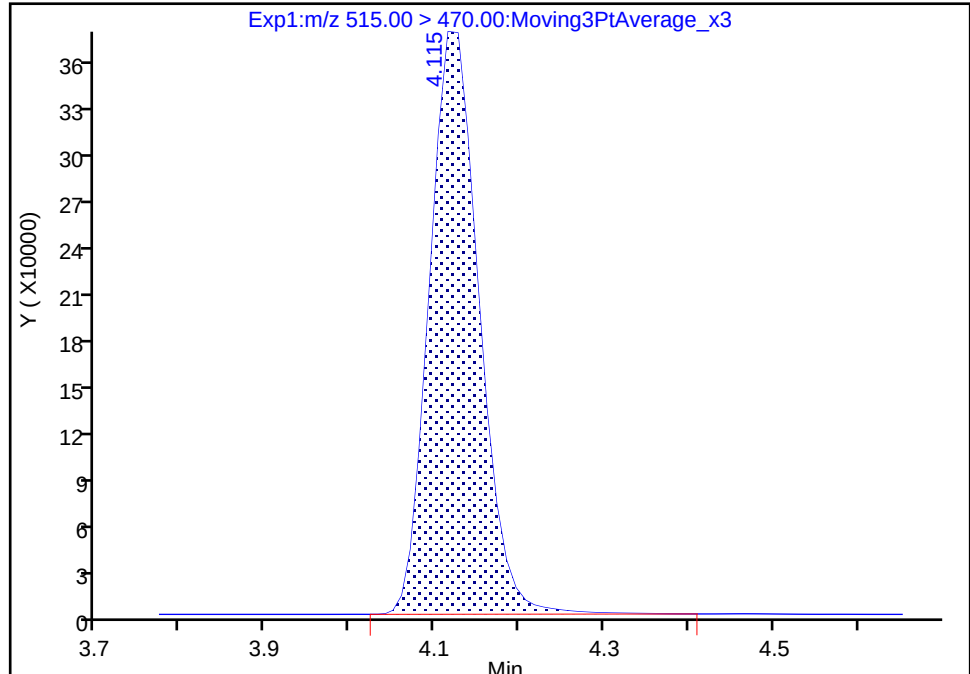
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 23 13C2 PFDA, CAS: STL00996

Signal: 1

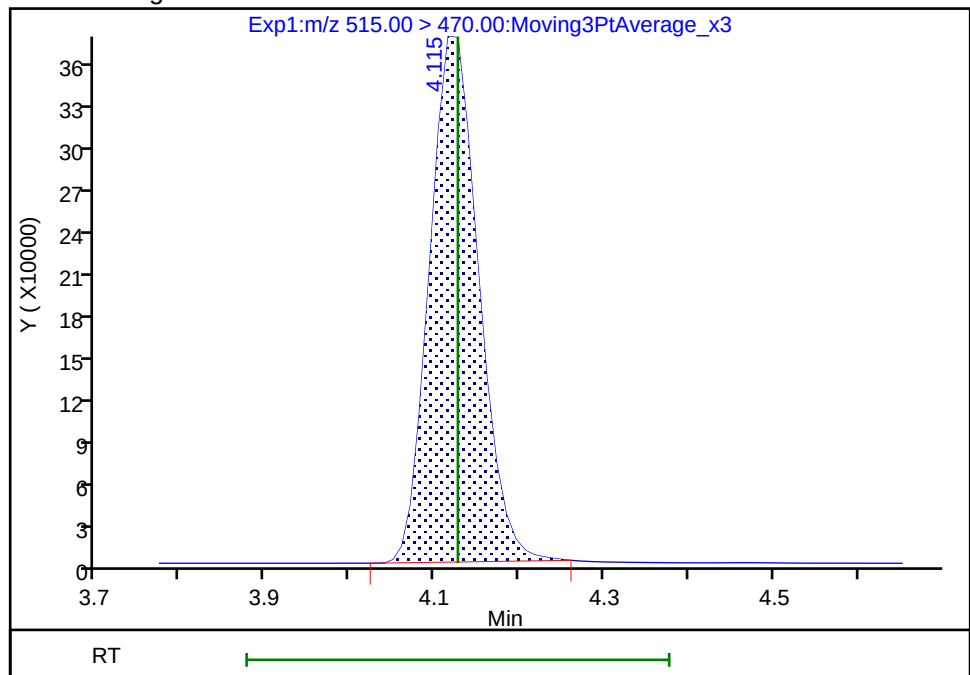
RT: 4.12
Area: 1514735
Amount: 1.228241
Amount Units: ng/ml

Processing Integration Results



RT: 4.12
Area: 1496707
Amount: 1.240756
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:42:21
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

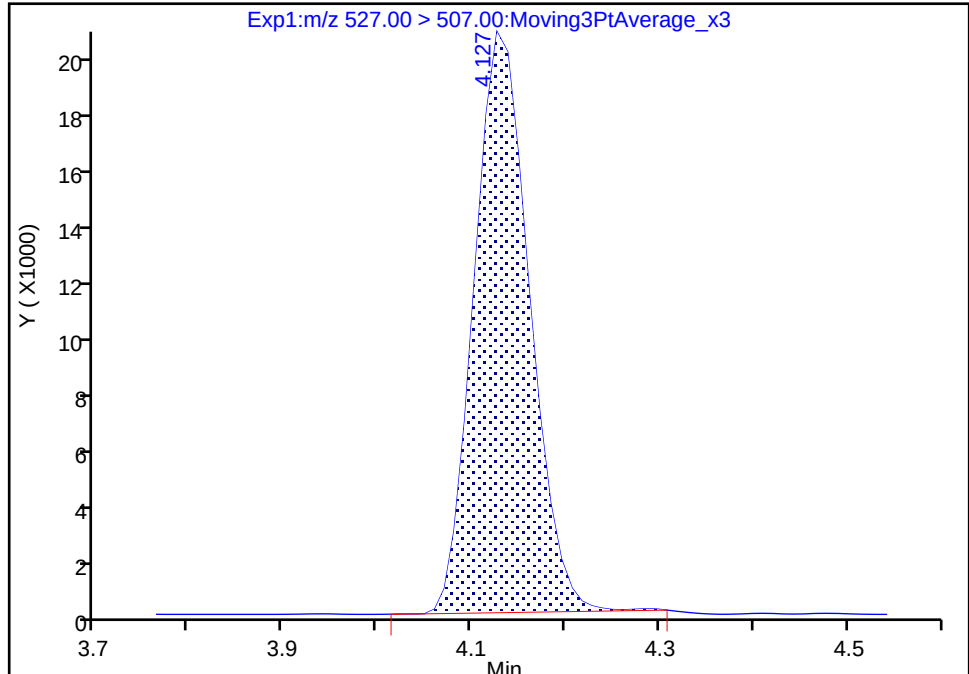
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

25 1H,1H,2H,2H-perfluorodecanesulfo, CAS: 39108-34-4

Signal: 1

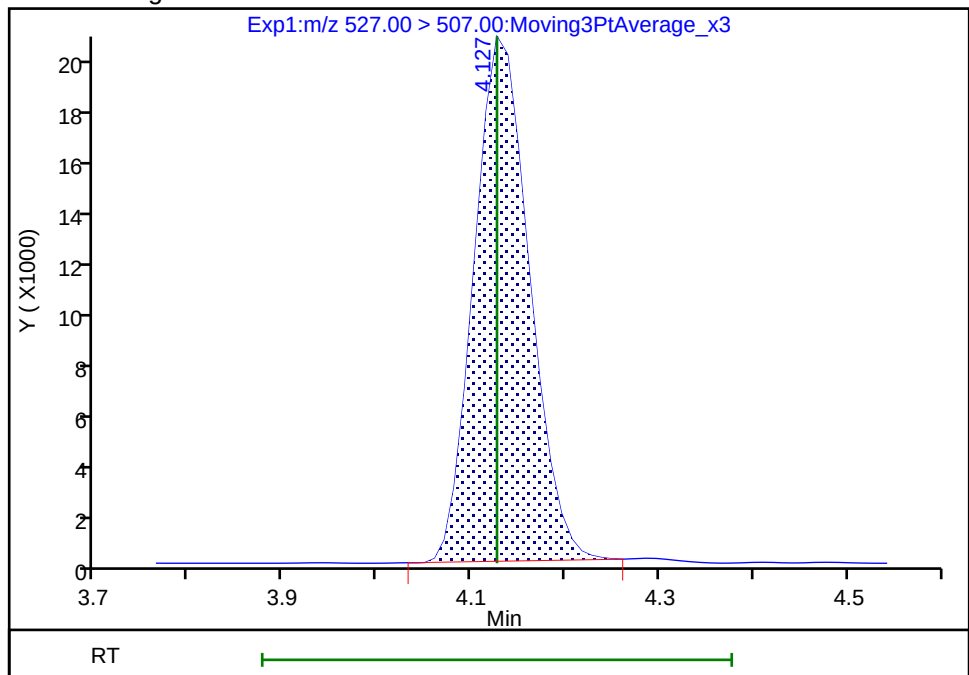
RT: 4.13
Area: 83837
Amount: 0.465076
Amount Units: ng/ml

Processing Integration Results



RT: 4.13
Area: 83425
Amount: 0.487948
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:42:29
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

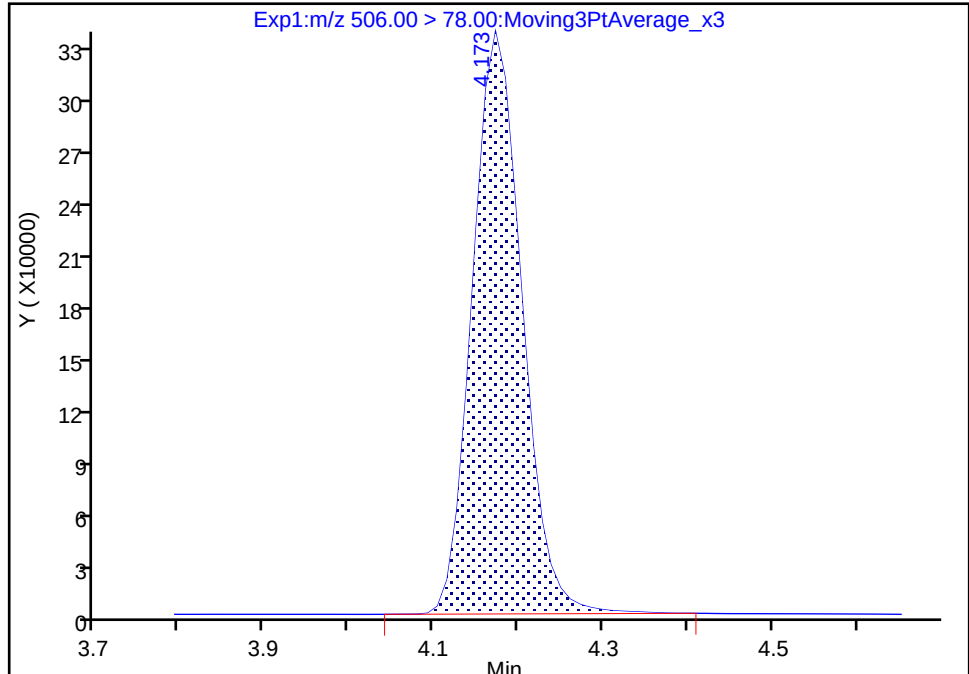
Data File:	\\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d		
Injection Date:	03-Aug-2022 13:16:40	Instrument ID:	LC812
Lims ID:	IC		
Client ID:			
Operator ID:	lc812tech	ALS Bottle#:	4
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector:	EXP1
		Worklist Smp#:	7

D 21 13C8 FOSA, CAS: STL01056

Signal: 1

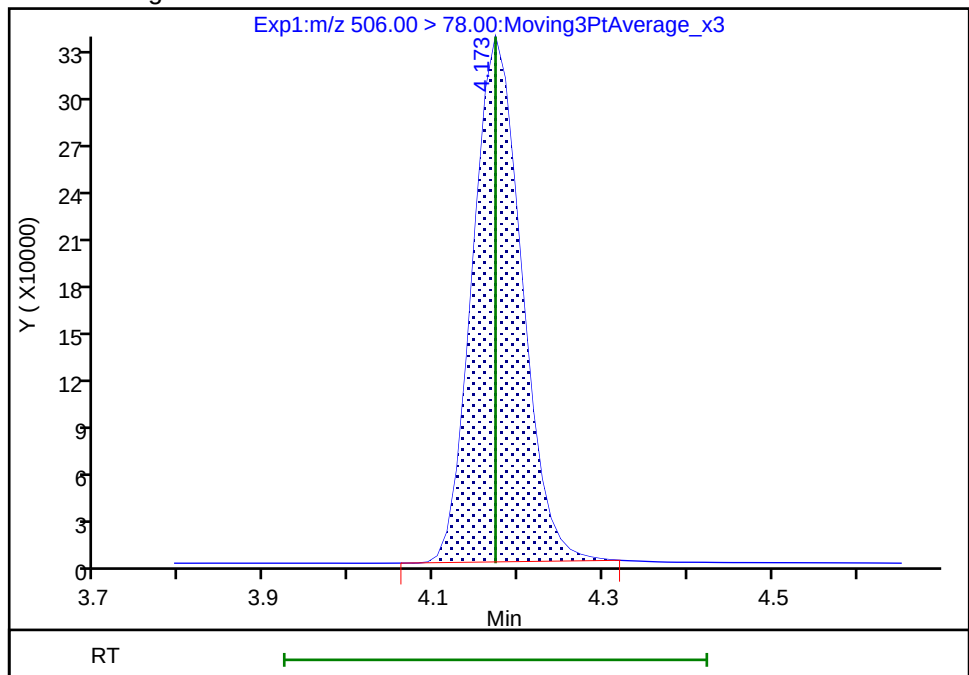
RT: 4.17
Area: 1354666
Amount: 1.094527
Amount Units: ng/ml

Processing Integration Results



RT: 4.17
Area: 1341161
Amount: 1.270314
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:42:36
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

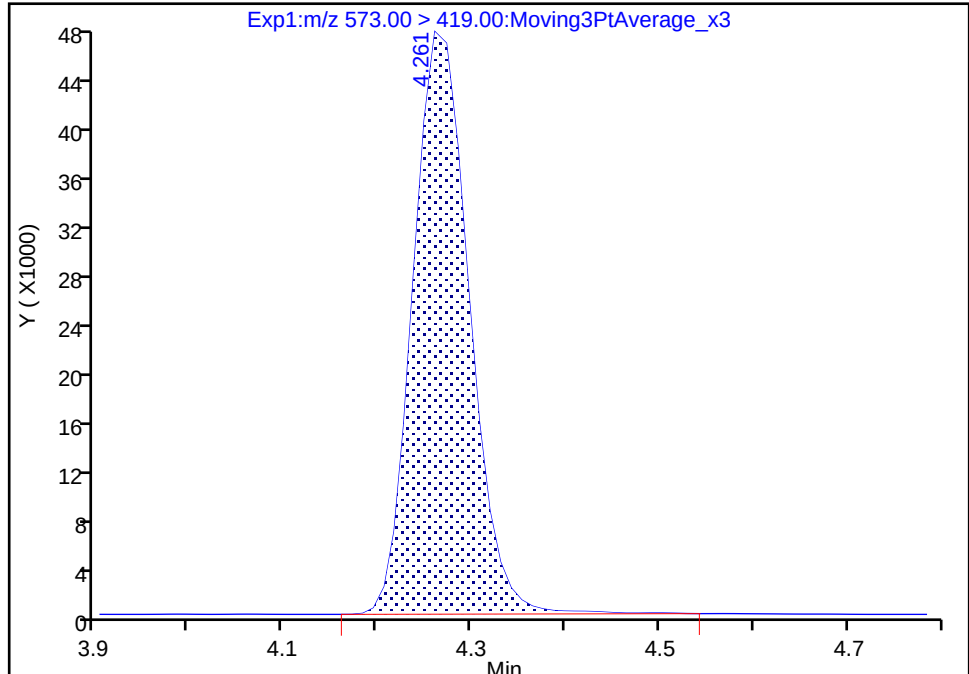
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 27 d3-NMeFOSAA, CAS: STL02118

Signal: 1

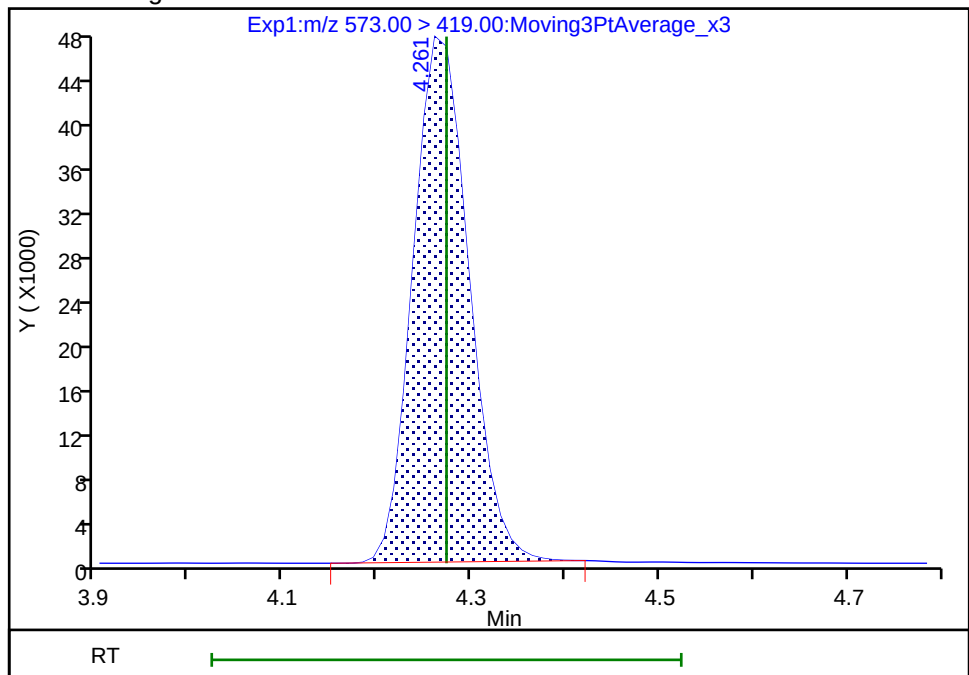
RT: 4.26
Area: 196484
Amount: 1.188759
Amount Units: ng/ml

Processing Integration Results



RT: 4.26
Area: 194324
Amount: 1.201901
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:42:43
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

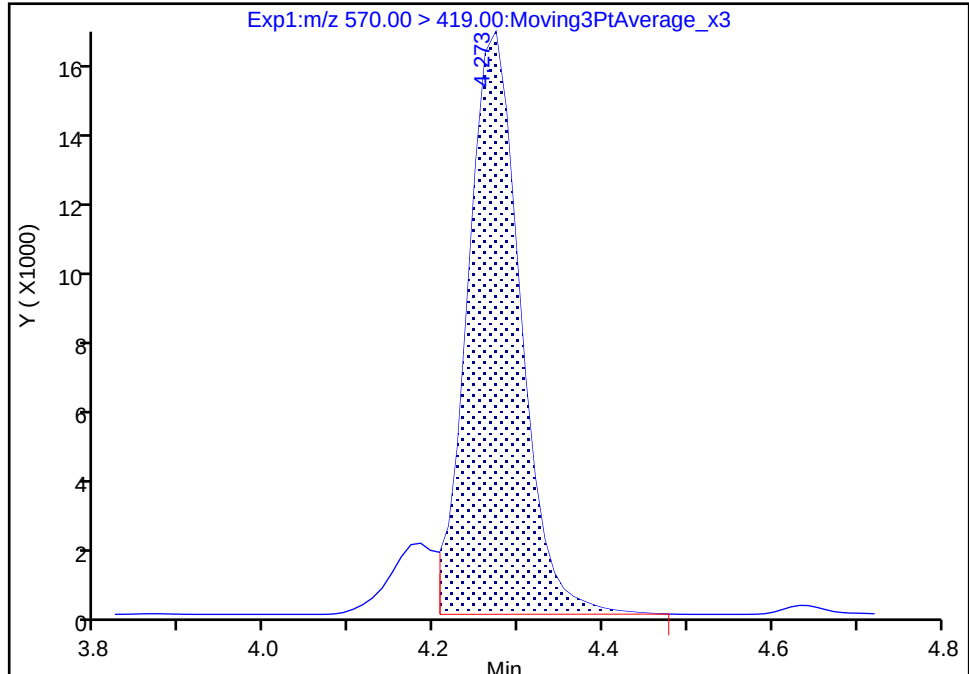
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

28 N-methylperfluorooctanesulfonami, CAS: 2355-31-9

Signal: 1

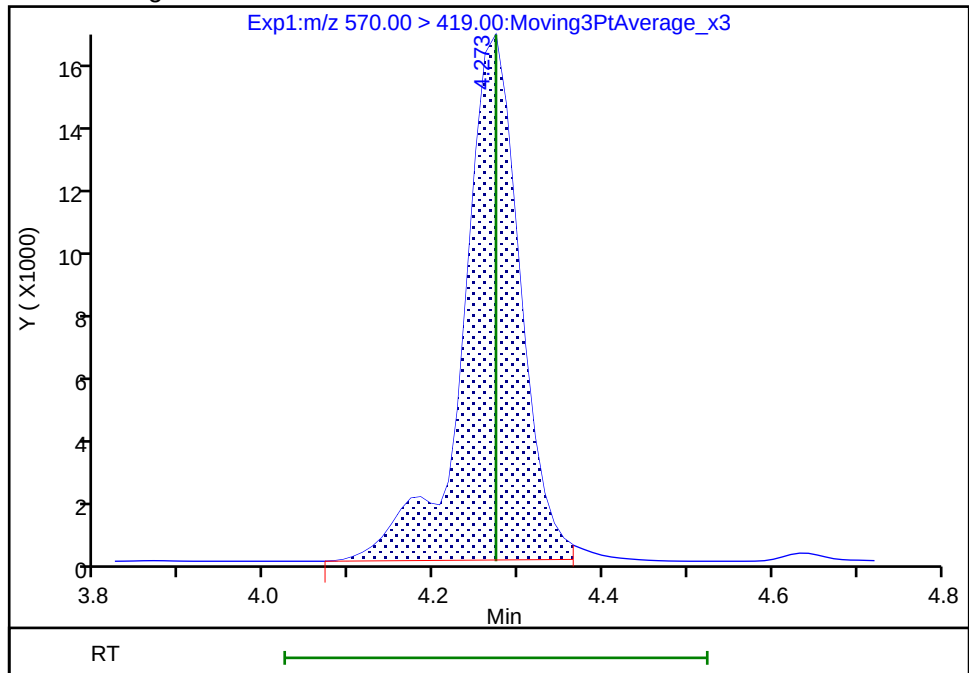
RT: 4.27
Area: 71785
Amount: 0.520646
Amount Units: ng/ml

Processing Integration Results



RT: 4.27
Area: 78017
Amount: 0.565074
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:42:52
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

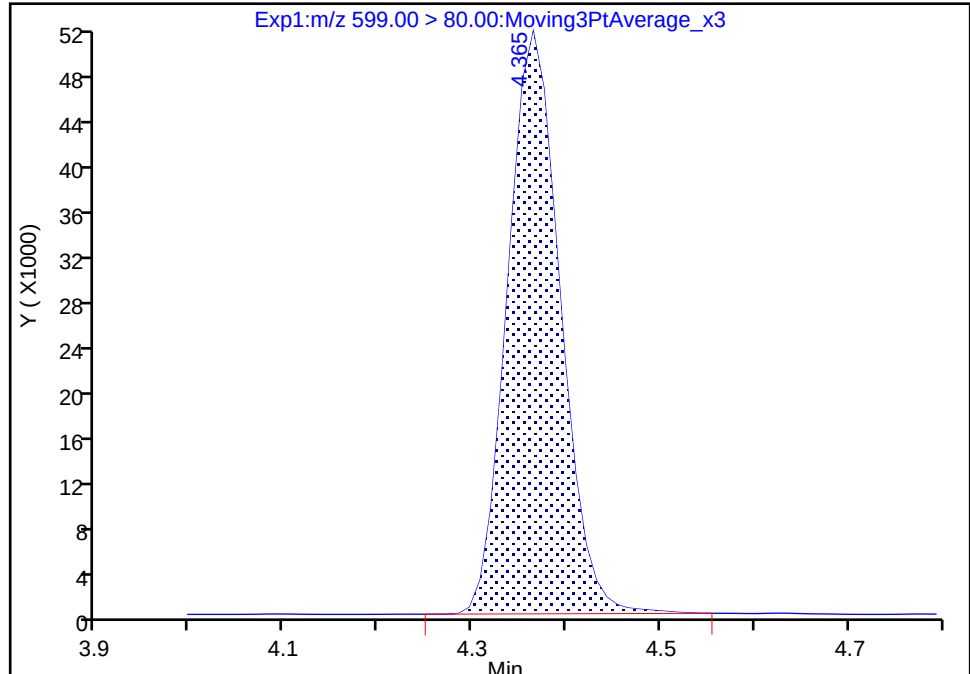
Data File:	\\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d		
Injection Date:	03-Aug-2022 13:16:40	Instrument ID:	LC812
Lims ID:	IC		
Client ID:			
Operator ID:	lc812tech	ALS Bottle#:	4
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1
		Worklist Smp#:	7

29 Perfluorodecanesulfonic acid, CAS: 335-77-3

Signal: 1

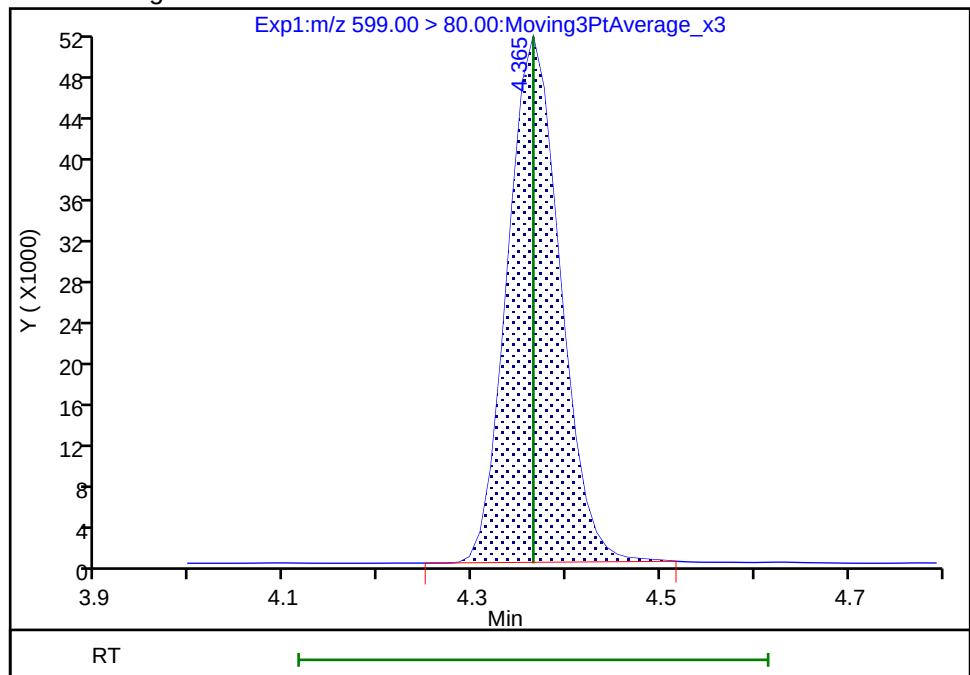
RT: 4.36
Area: 201174
Amount: 0.501353
Amount Units: ng/ml

Processing Integration Results



RT: 4.36
Area: 200232
Amount: 0.510532
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:42:58
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

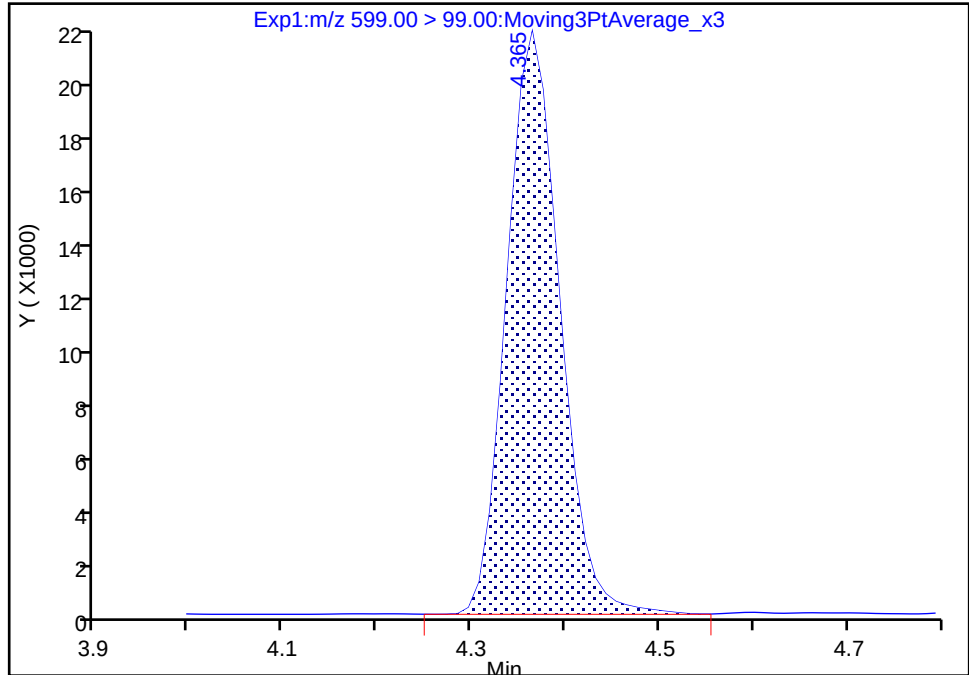
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

29 Perfluorodecanesulfonic acid, CAS: 335-77-3

Signal: 2

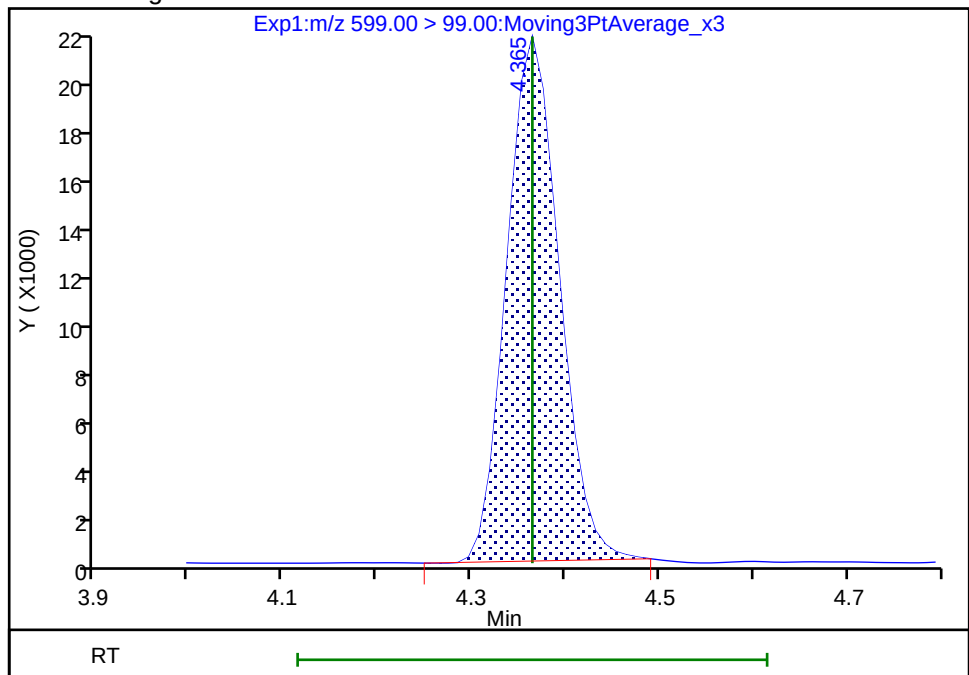
RT: 4.36
Area: 83195
Amount: 0.501353
Amount Units: ng/ml

Processing Integration Results



RT: 4.36
Area: 81639
Amount: 0.510532
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:43:02

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

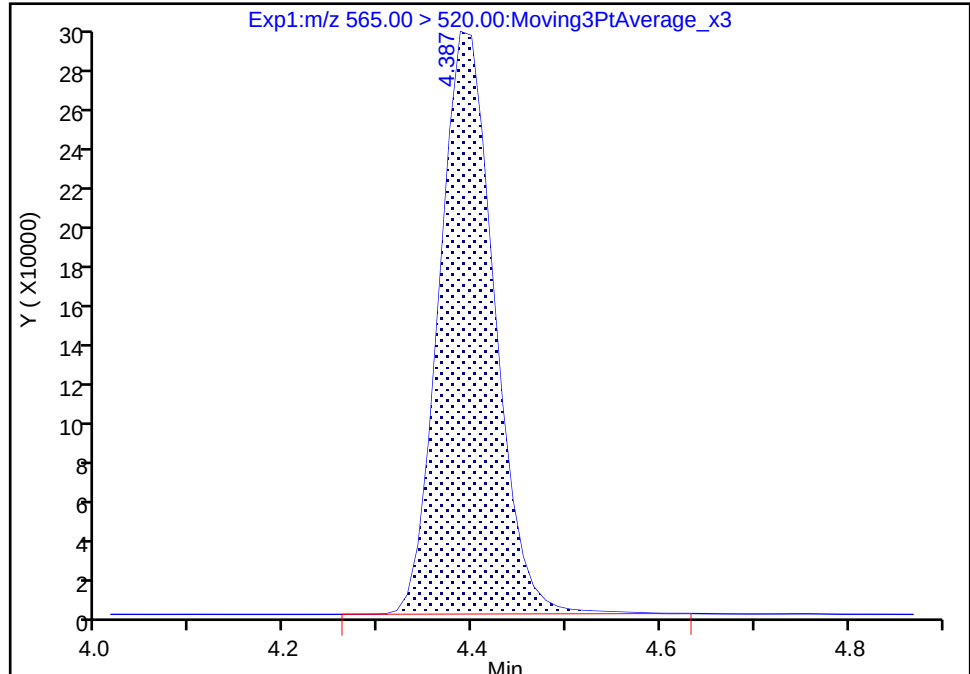
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 30 13C2 PFUnA, CAS: STL00997

Signal: 1

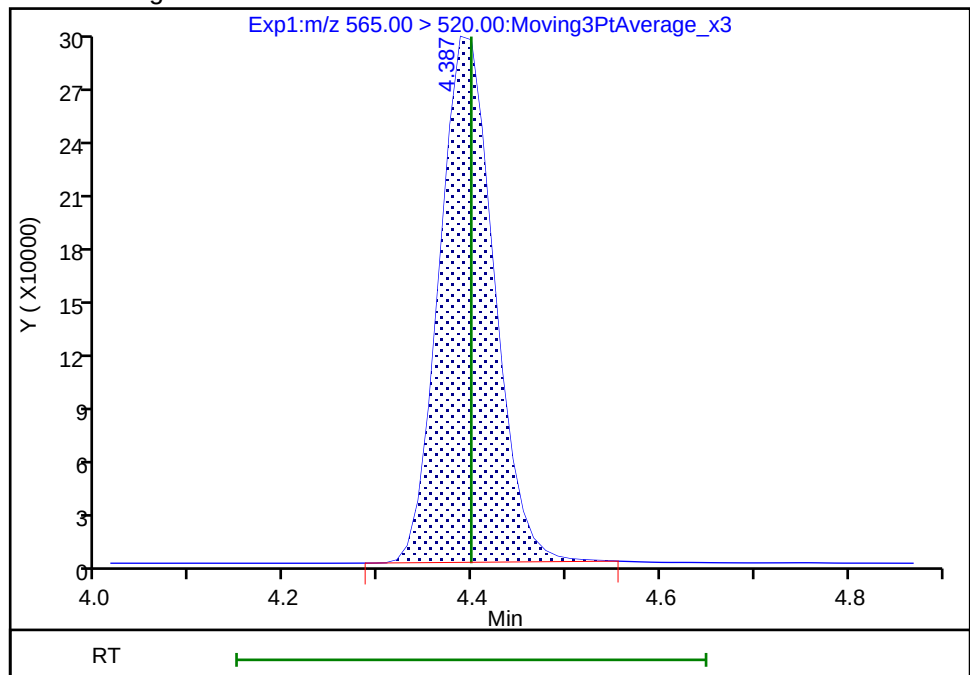
RT: 4.39
Area: 1185539
Amount: 1.226720
Amount Units: ng/ml

Processing Integration Results



RT: 4.39
Area: 1177558
Amount: 1.288391
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:43:18
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

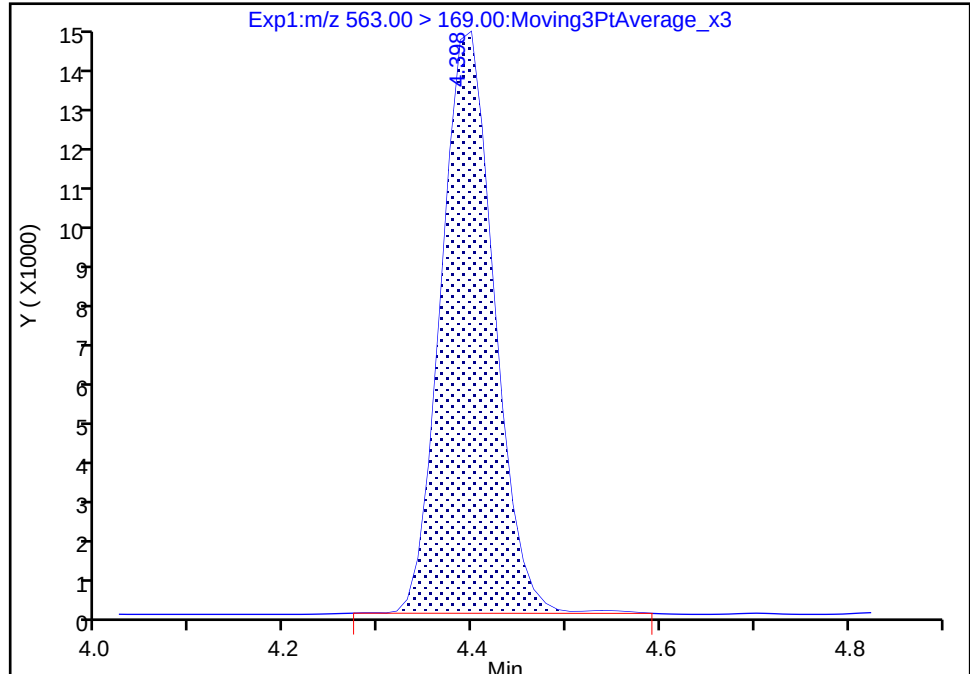
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

31 Perfluoroundecanoic acid, CAS: 2058-94-8

Signal: 2

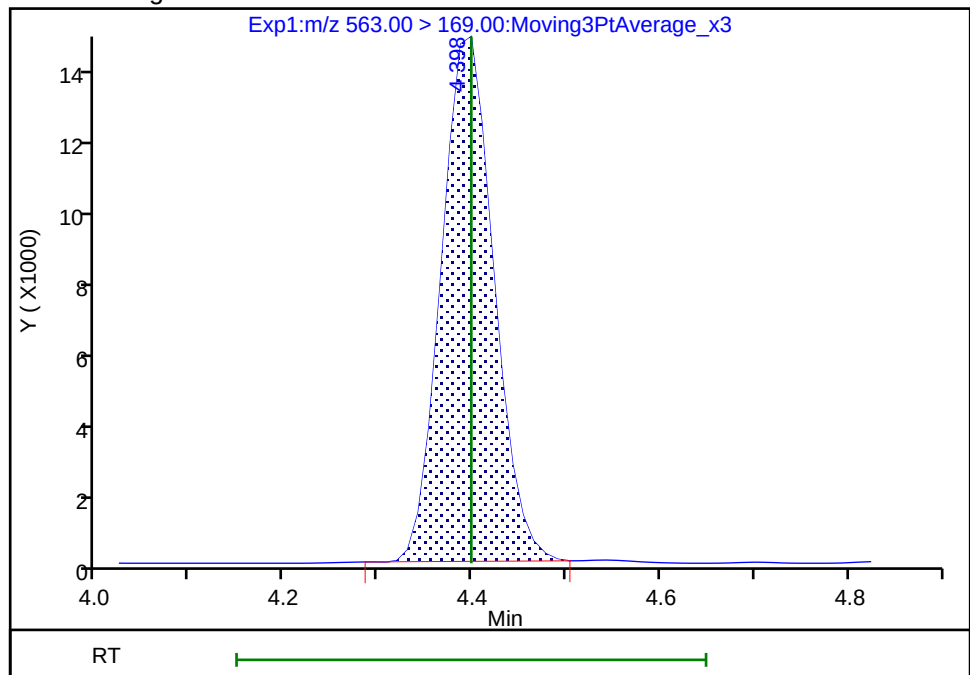
RT: 4.40
Area: 57753
Amount: 0.508085
Amount Units: ng/ml

Processing Integration Results



RT: 4.40
Area: 57209
Amount: 0.504309
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:43:12
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

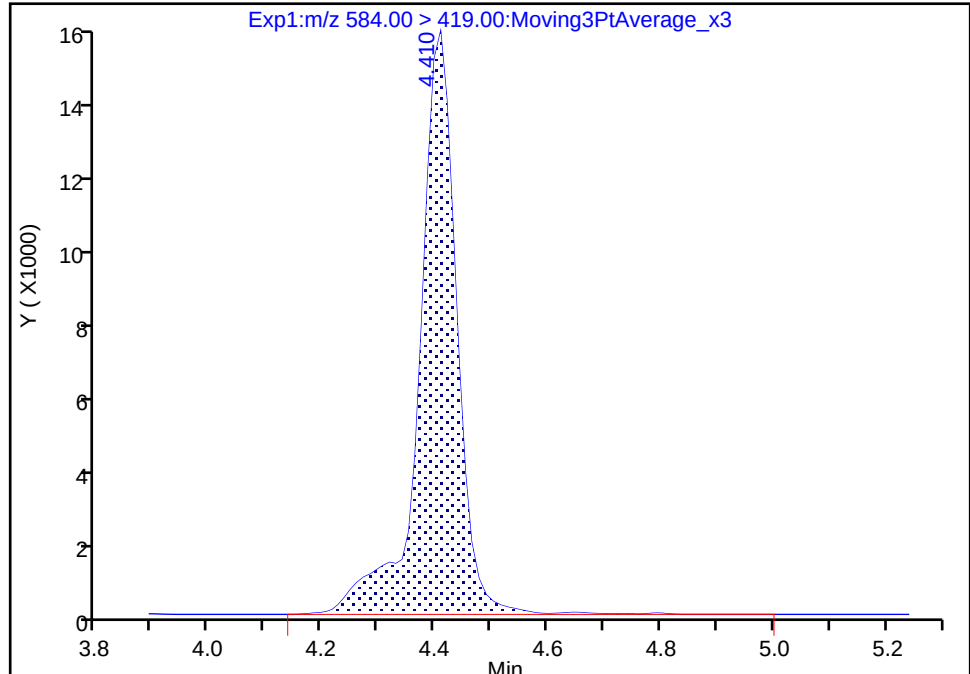
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

33 N-ethylperfluorooctanesulfonamid, CAS: 2991-50-6

Signal: 1

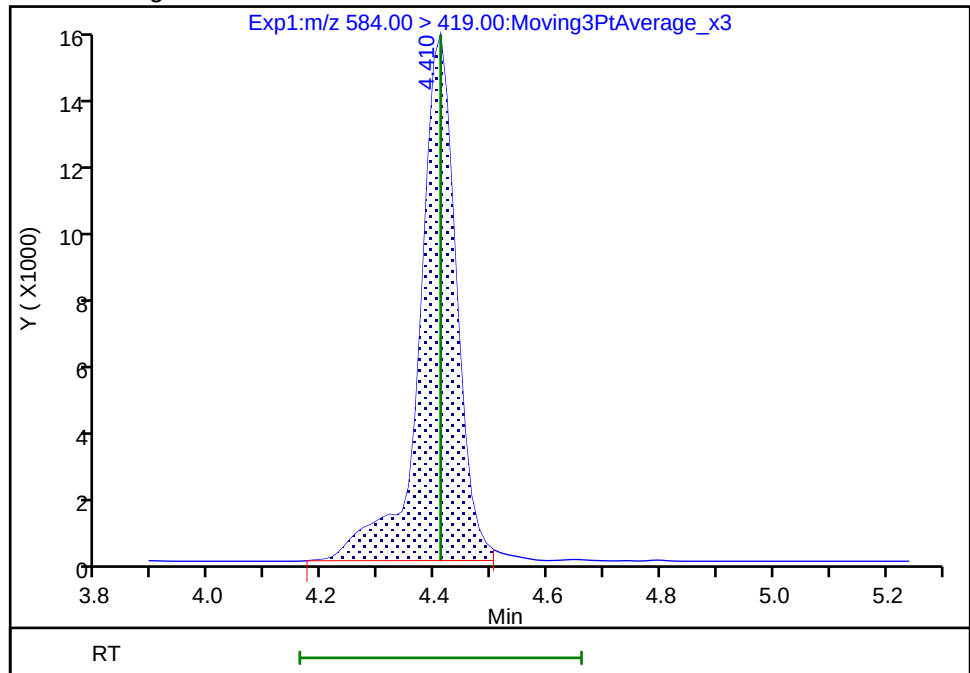
RT: 4.41
Area: 73274
Amount: 0.513533
Amount Units: ng/ml

Processing Integration Results



RT: 4.41
Area: 71793
Amount: 0.509464
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:43:31
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

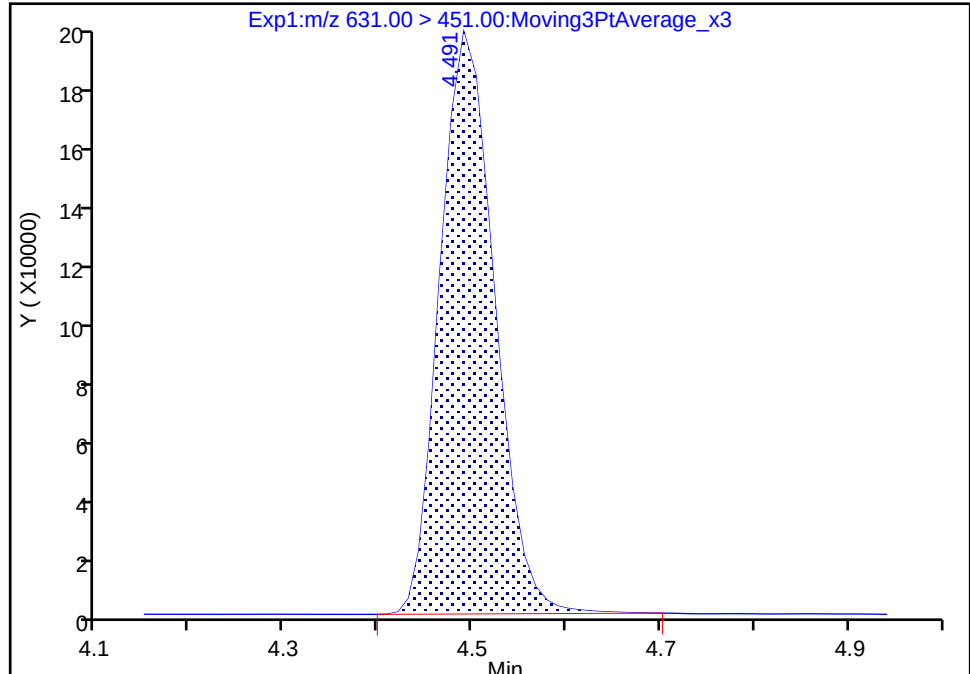
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

66 11-Chloroeicosafluoro-3-oxaundec, CAS: 763051-92-9

Signal: 1

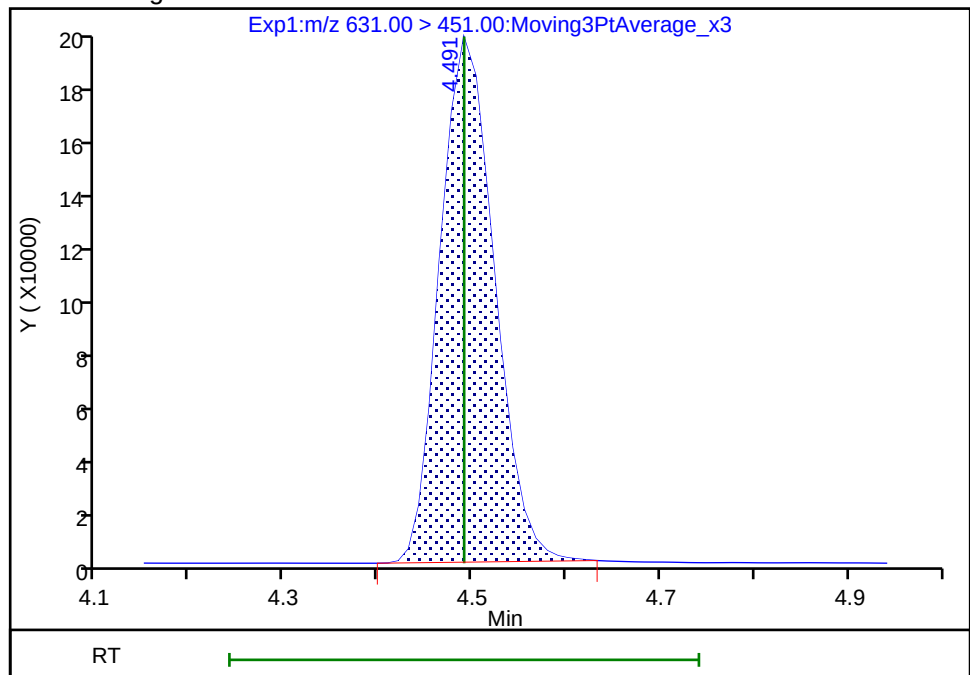
RT: 4.49
Area: 774067
Amount: 0.488891
Amount Units: ng/ml

Processing Integration Results



RT: 4.49
Area: 768442
Amount: 0.496521
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:43:39
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

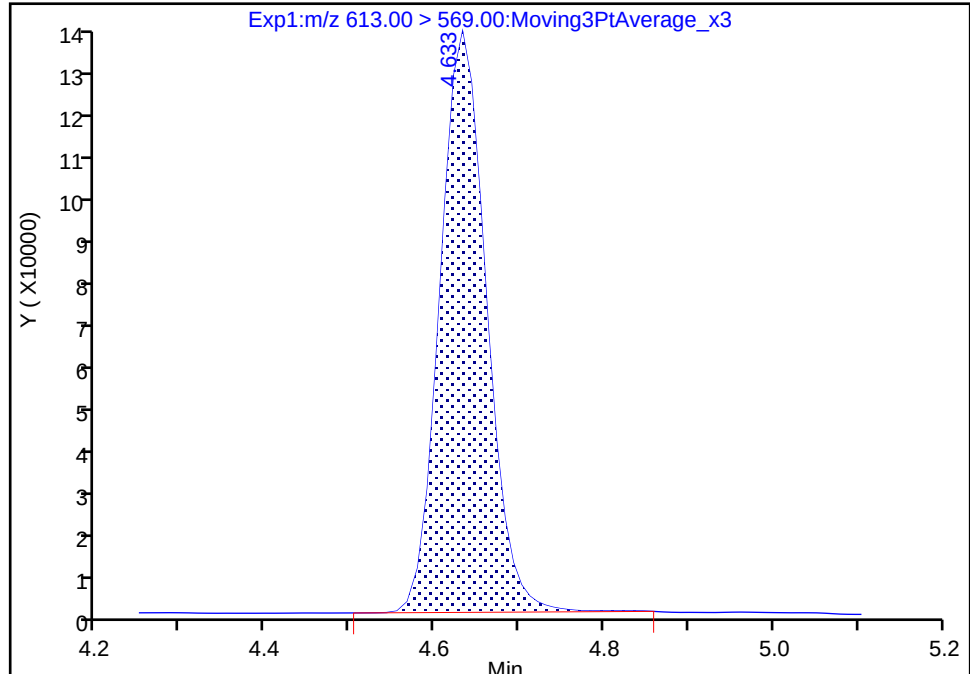
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

37 Perfluorododecanoic acid, CAS: 307-55-1

Signal: 1

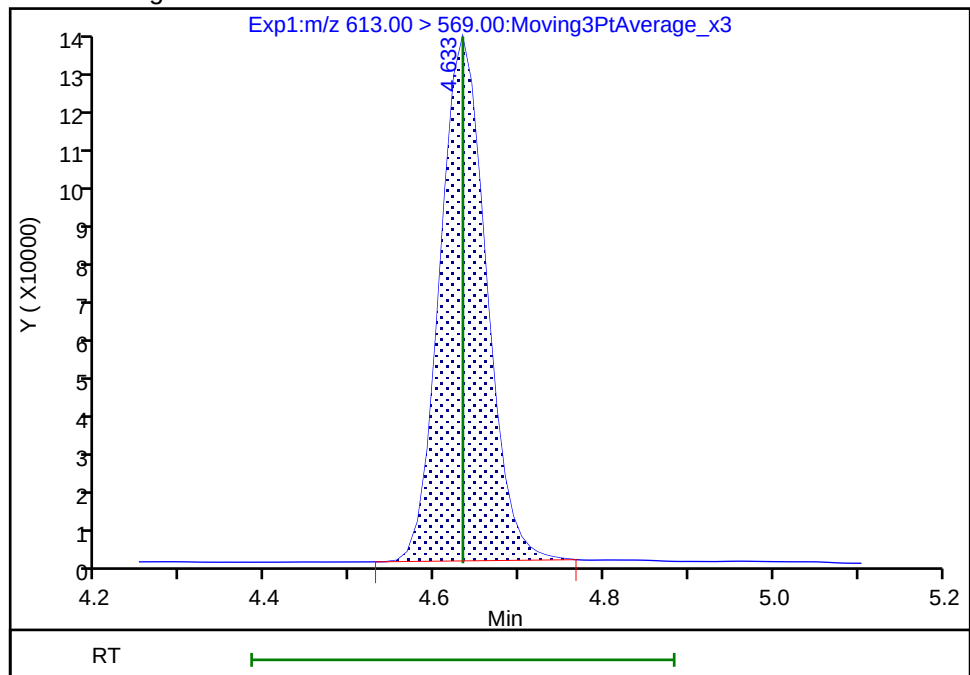
RT: 4.63
Area: 501551
Amount: 0.527306
Amount Units: ng/ml

Processing Integration Results



RT: 4.63
Area: 498404
Amount: 0.526443
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:43:46
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d

Injection Date: 03-Aug-2022 13:16:40

Instrument ID: LC812

Lims ID: IC

Client ID:

Operator ID: lc812tech

ALS Bottle#:

4

Worklist Smp#:

7

Injection Vol: 20.0 ul

Dil. Factor:

1.0000

Method: PFC_LC812

Limit Group:

LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

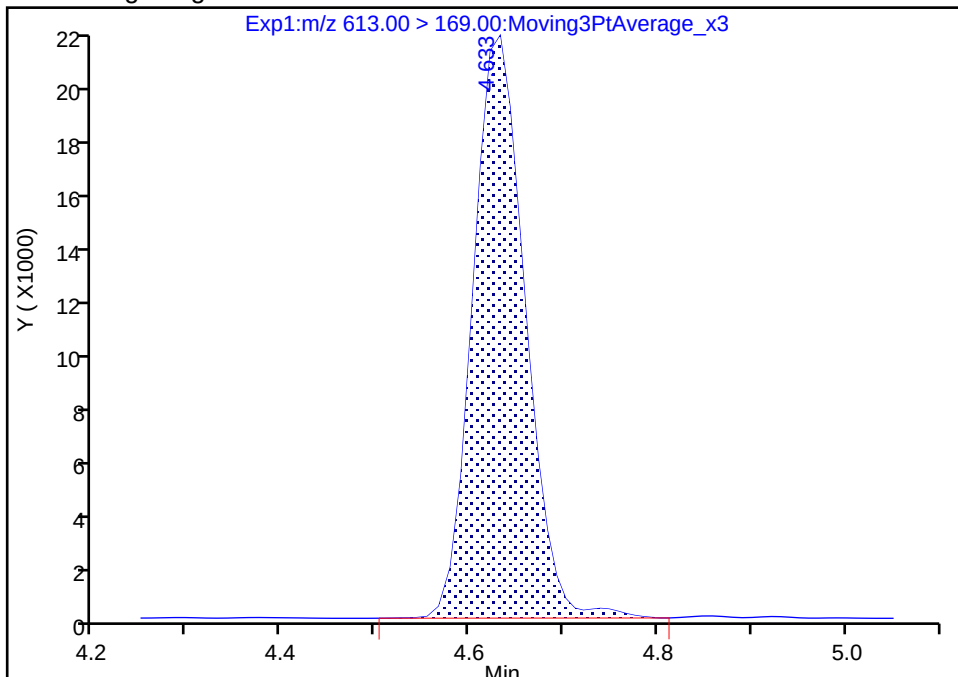
EXP1

37 Perfluorododecanoic acid, CAS: 307-55-1

Signal: 2

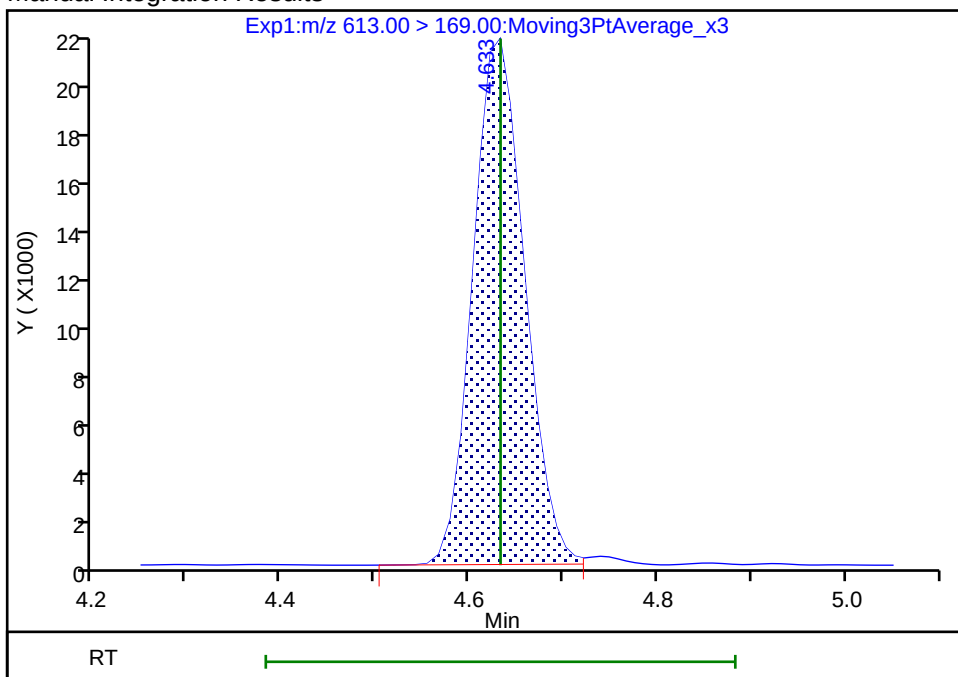
RT: 4.63
Area: 81909
Amount: 0.527306
Amount Units: ng/ml

Processing Integration Results



RT: 4.63
Area: 80760
Amount: 0.526443
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:43:59

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

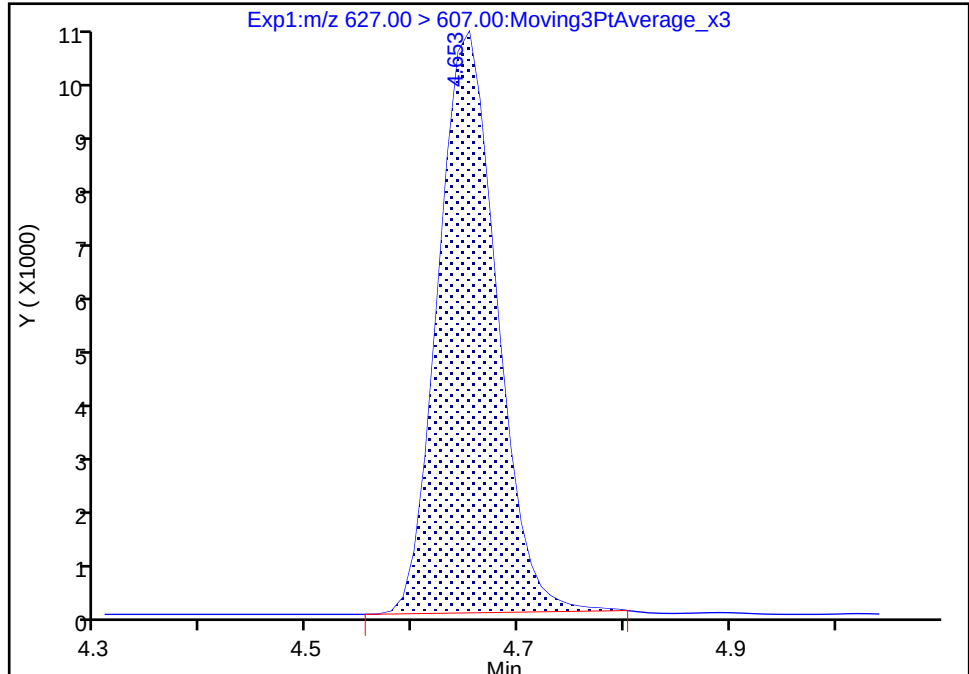
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

74 1H,1H,2H,2H-perfluorododecanesul, CAS: 120226-60-0

Signal: 1

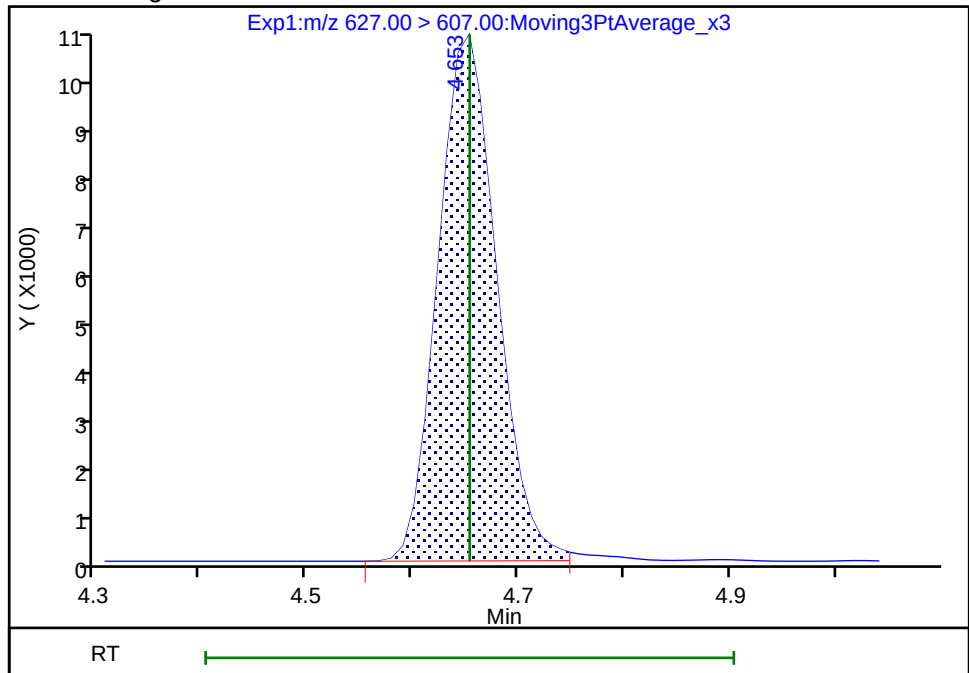
RT: 4.65
Area: 39909
Amount: 0.440401
Amount Units: ng/ml

Processing Integration Results



RT: 4.65
Area: 39968
Amount: 0.500394
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:44:08
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

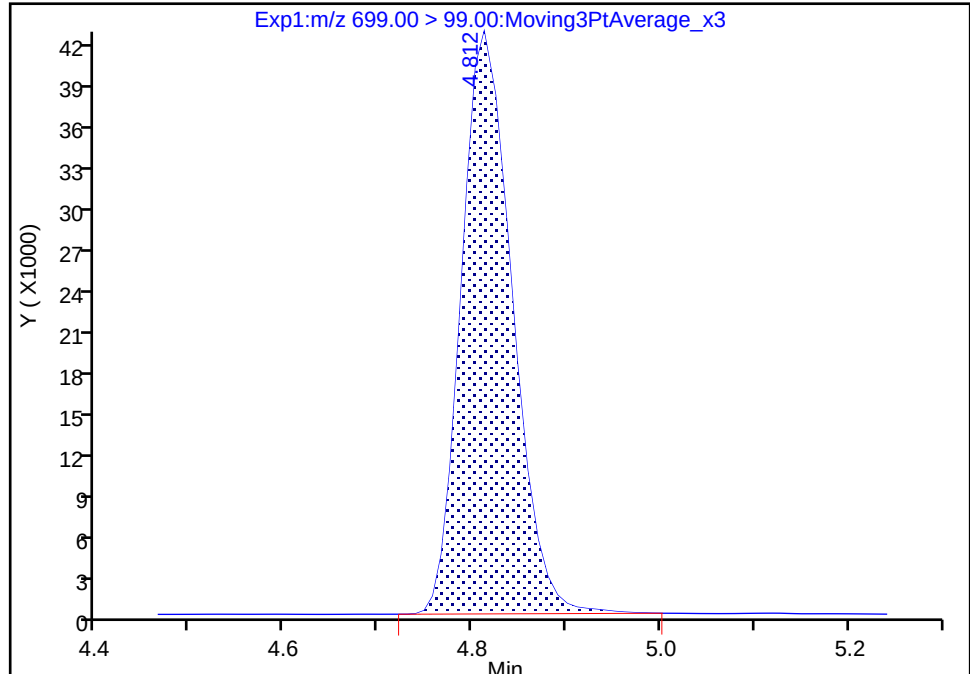
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

75 Perfluorododecanesulfonic acid (, CAS: 79780-39-5

Signal: 2

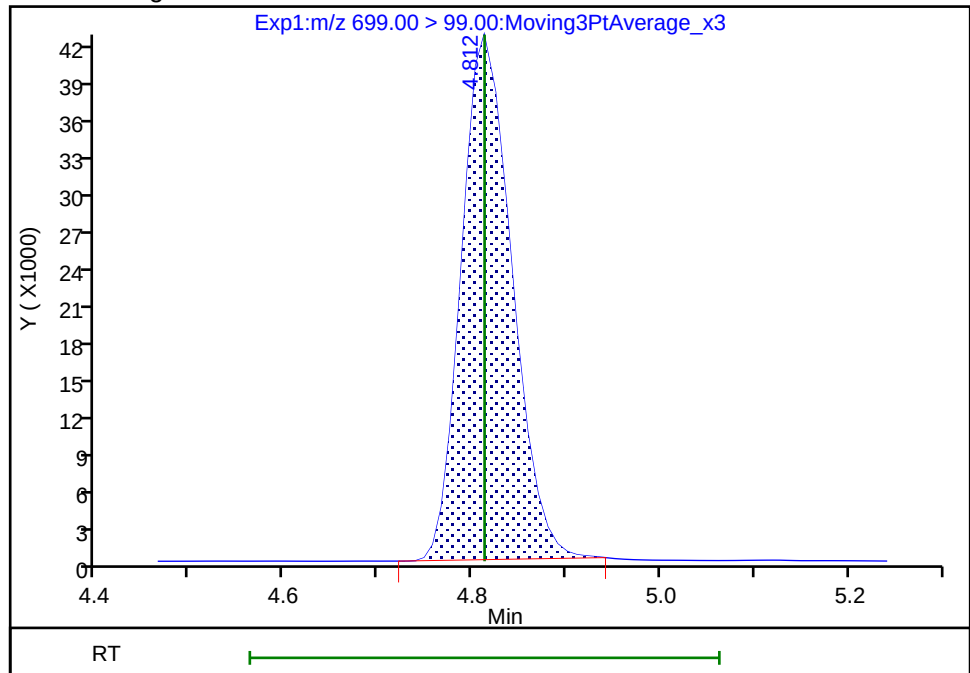
RT: 4.81
Area: 160402
Amount: 0.511186
Amount Units: ng/ml

Processing Integration Results



RT: 4.81
Area: 158626
Amount: 0.538148
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:44:16
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

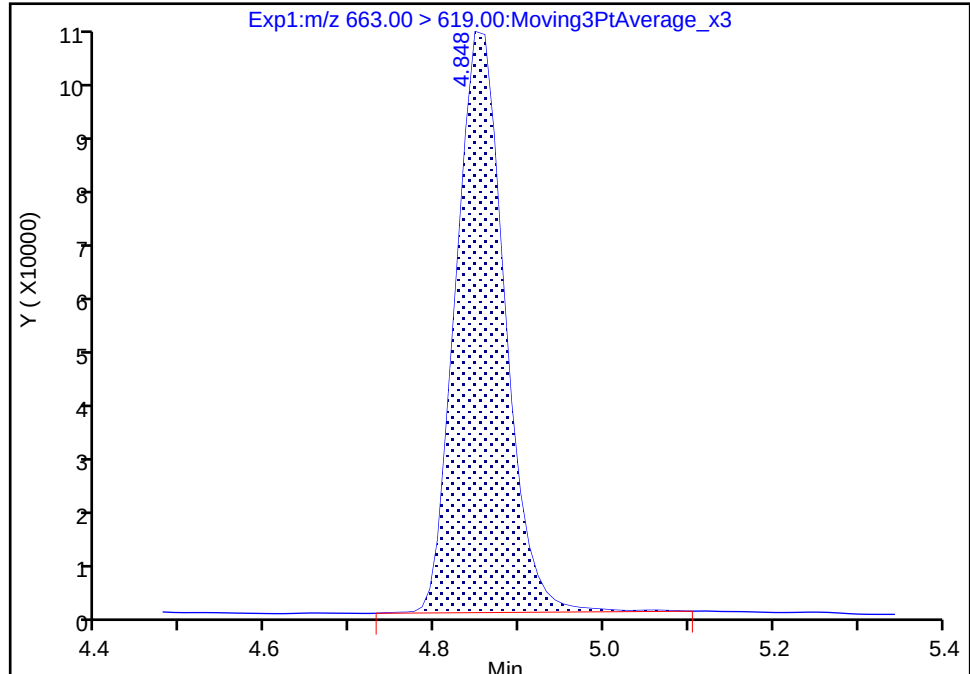
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

41 Perfluorotridecanoic acid, CAS: 72629-94-8

Signal: 1

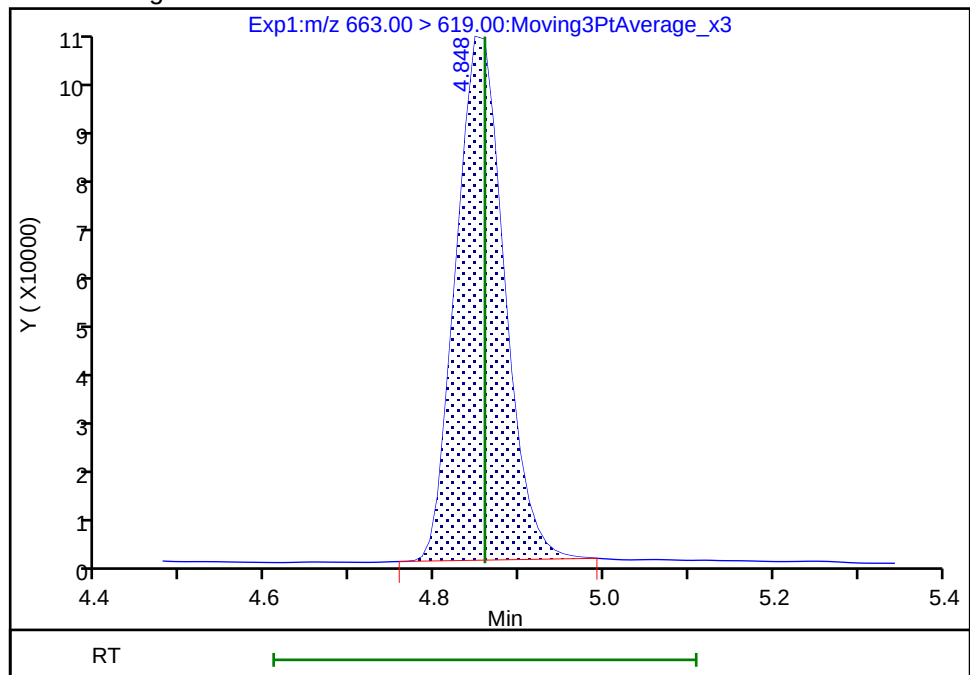
RT: 4.85
Area: 439106
Amount: 0.530437
Amount Units: ng/ml

Processing Integration Results



RT: 4.85
Area: 432811
Amount: 0.527371
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:44:25
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

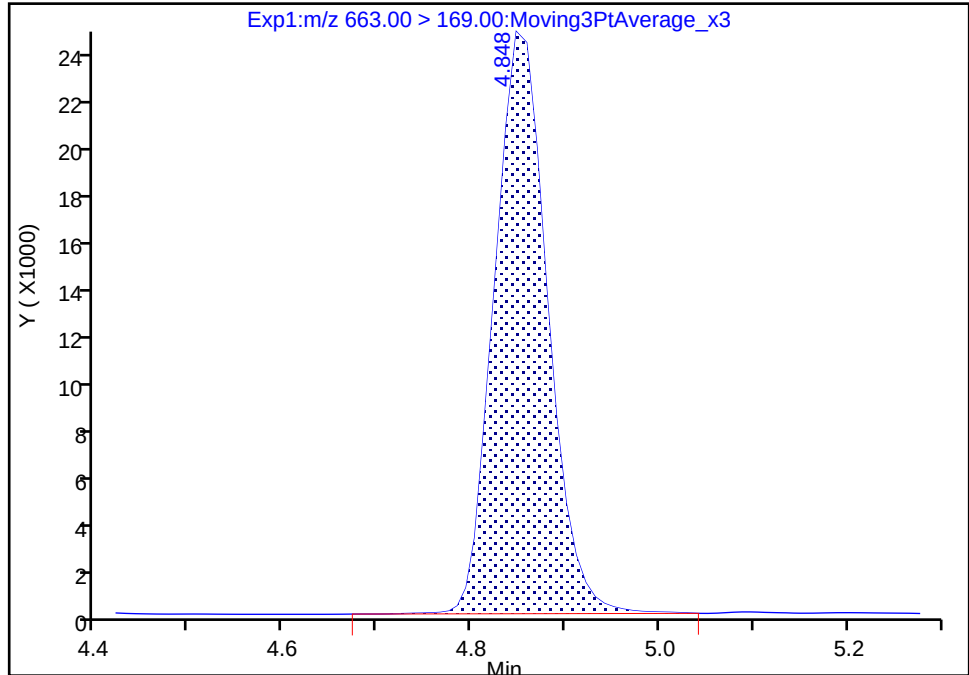
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

41 Perfluorotridecanoic acid, CAS: 72629-94-8

Signal: 2

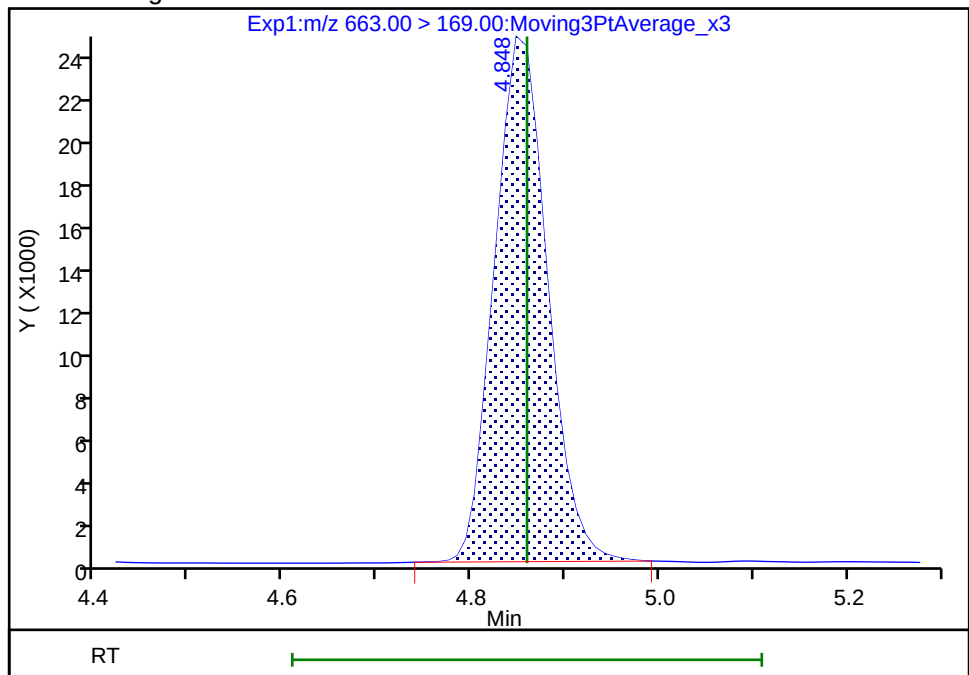
RT: 4.85
Area: 96744
Amount: 0.530437
Amount Units: ng/ml

Processing Integration Results



RT: 4.85
Area: 95909
Amount: 0.527371
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:44:30

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

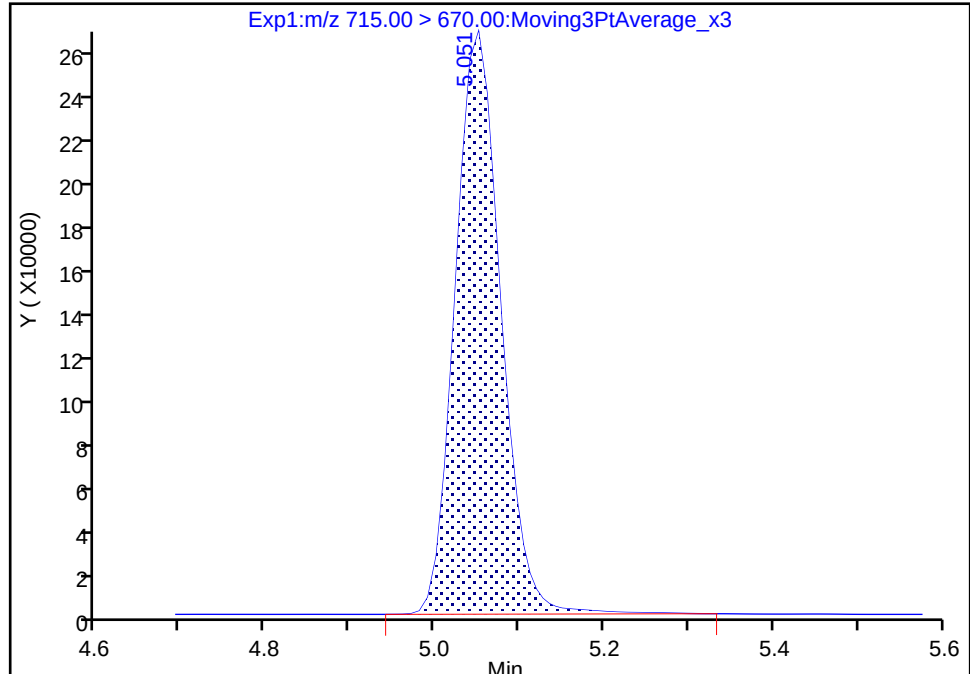
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 43 13C2 PFTeDA, CAS: STL02116

Signal: 1

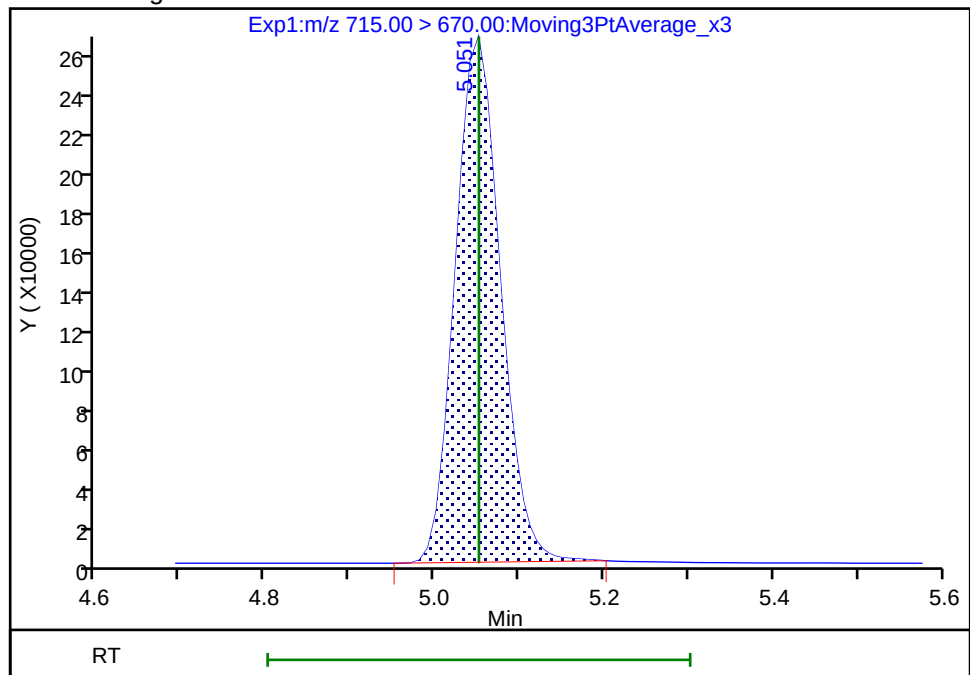
RT: 5.05
Area: 980919
Amount: 1.172592
Amount Units: ng/ml

Processing Integration Results



RT: 5.05
Area: 969884
Amount: 1.252713
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:44:43
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

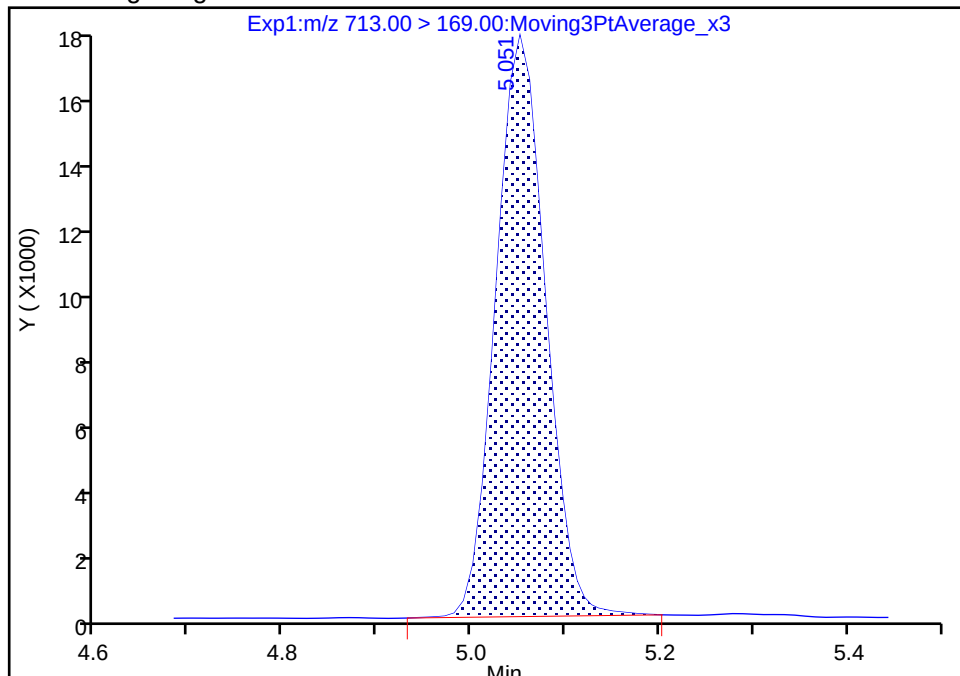
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

42 Perfluorotetradecanoic acid, CAS: 376-06-7

Signal: 1

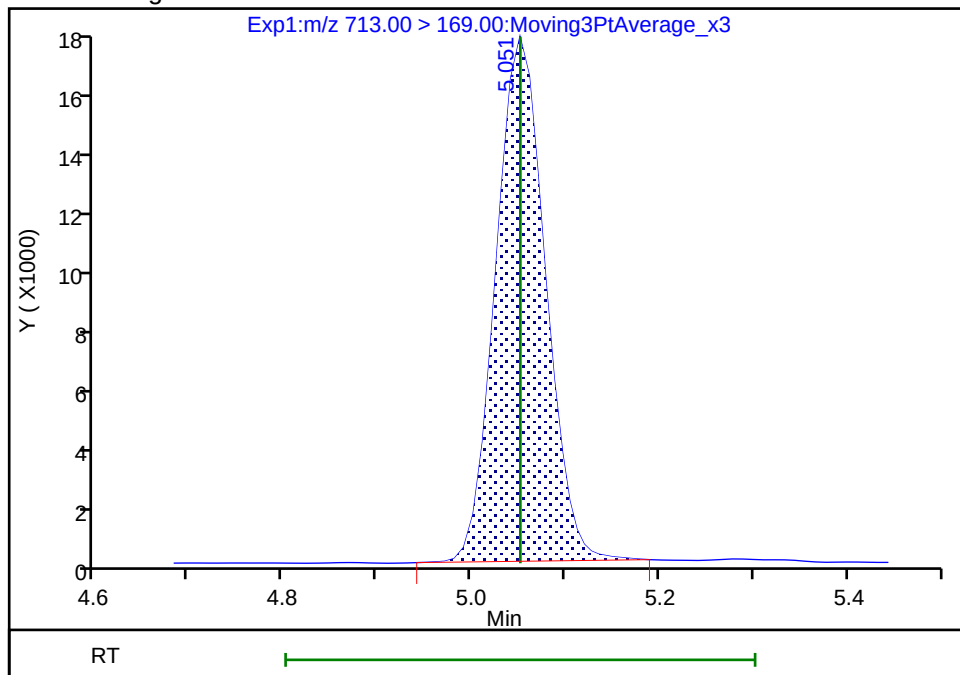
RT: 5.05
Area: 63227
Amount: 0.511523
Amount Units: ng/ml

Processing Integration Results



RT: 5.05
Area: 63032
Amount: 0.507059
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:44:35
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

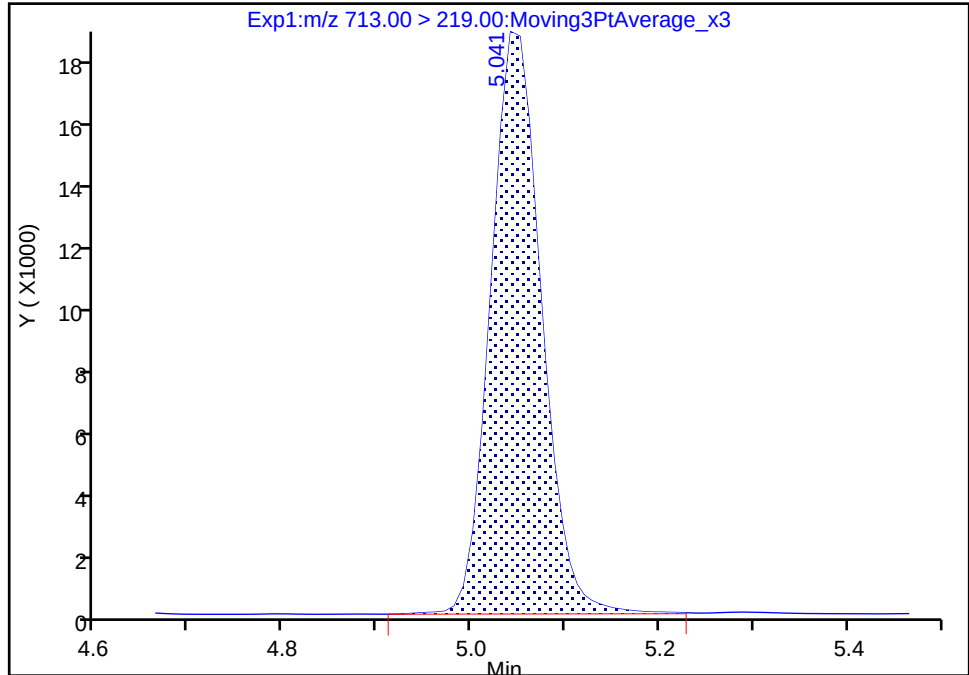
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

42 Perfluorotetradecanoic acid, CAS: 376-06-7

Signal: 2

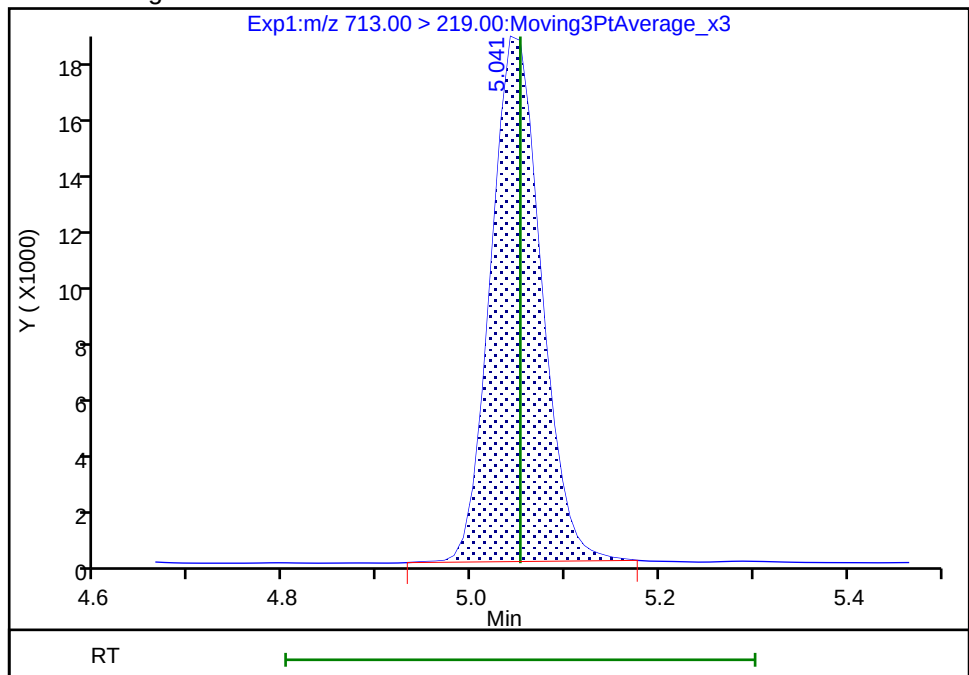
RT: 5.04
Area: 70530
Amount: 0.511523
Amount Units: ng/ml

Processing Integration Results



RT: 5.04
Area: 69631
Amount: 0.507059
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:44:38

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

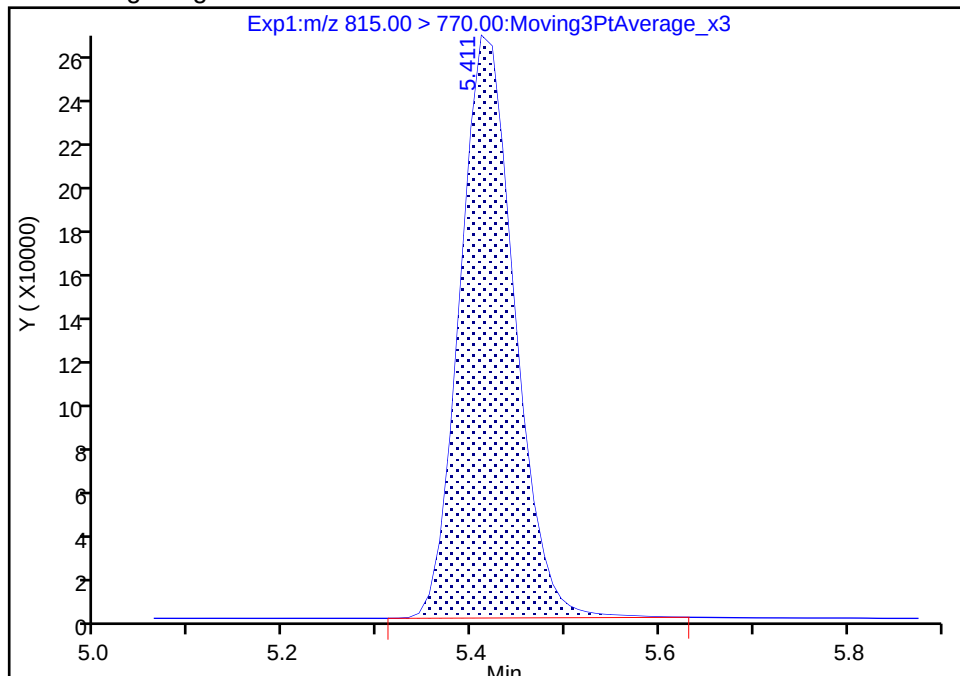
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 44 13C2 PFHxDA, CAS: STL02115

Signal: 1

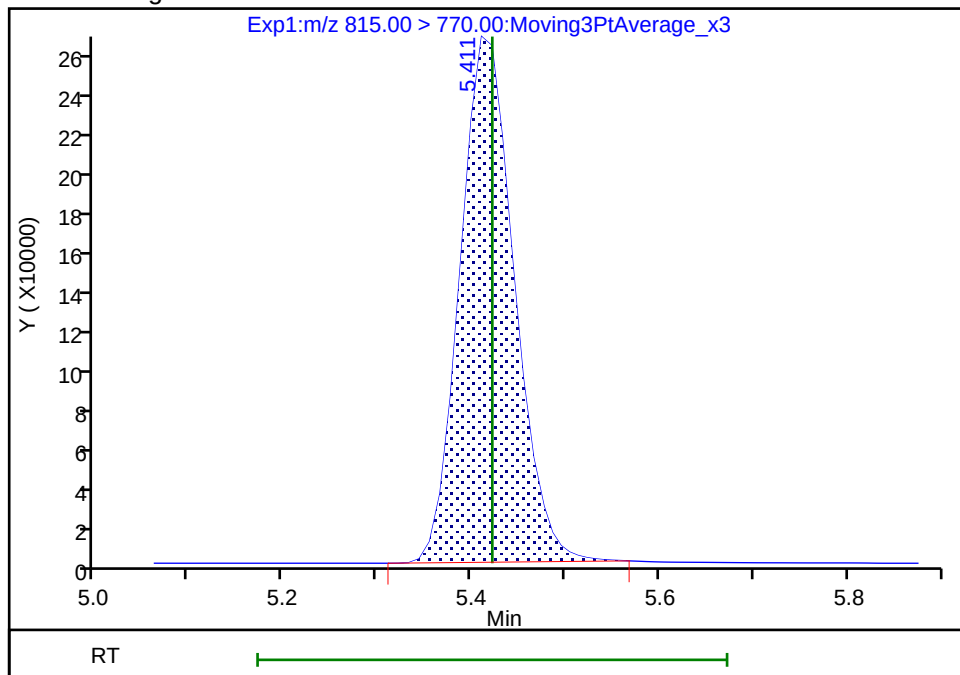
RT: 5.41
Area: 1050862
Amount: 1.165401
Amount Units: ng/ml

Processing Integration Results



RT: 5.41
Area: 1043688
Amount: 1.183398
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:44:49

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

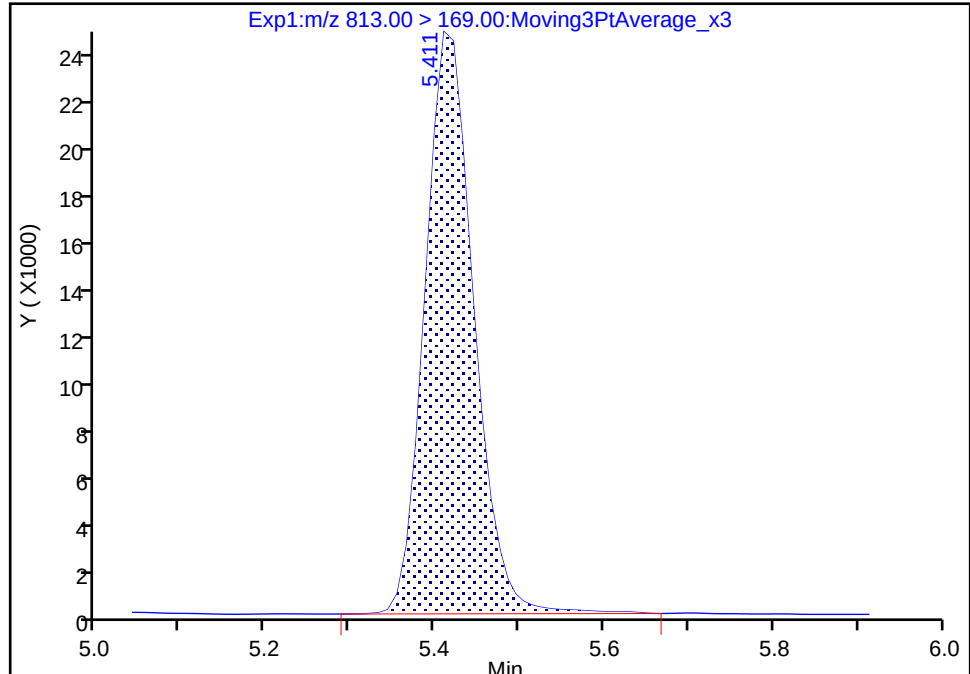
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

45 Perfluorohexadecanoic acid, CAS: 67905-19-5

Signal: 2

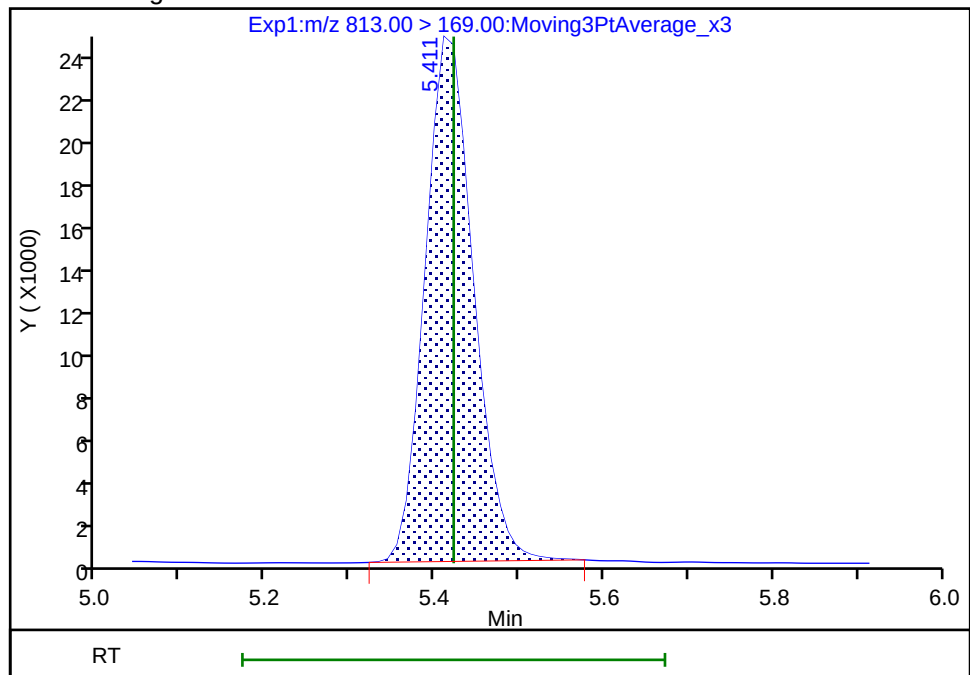
RT: 5.41
Area: 97106
Amount: 0.564180
Amount Units: ng/ml

Processing Integration Results



RT: 5.41
Area: 95637
Amount: 0.554475
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:44:53
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

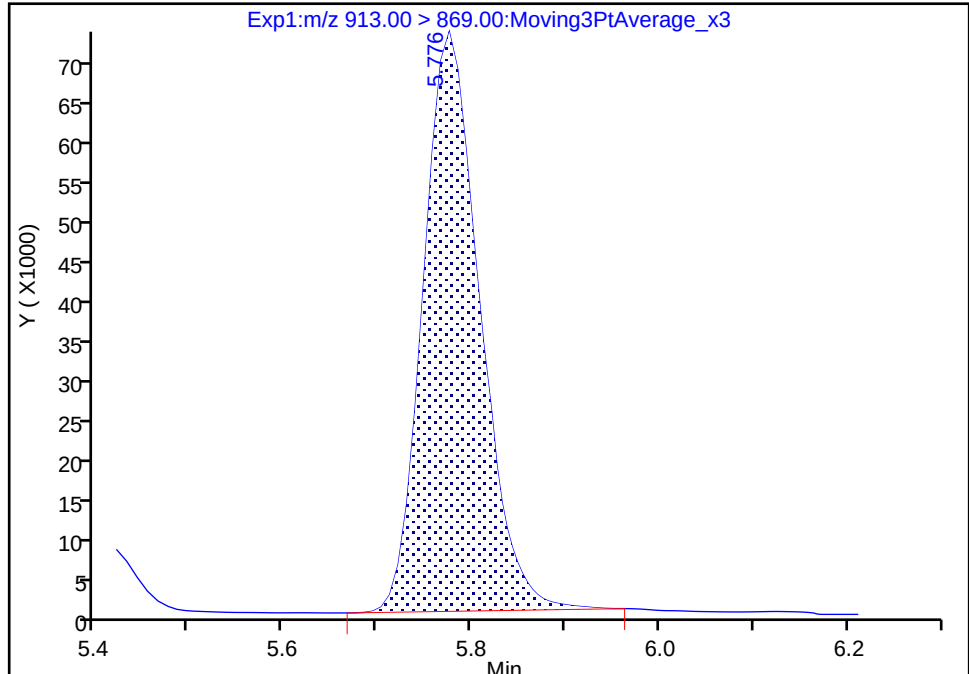
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

46 Perfluorooctadecanoic acid, CAS: 16517-11-6

Signal: 1

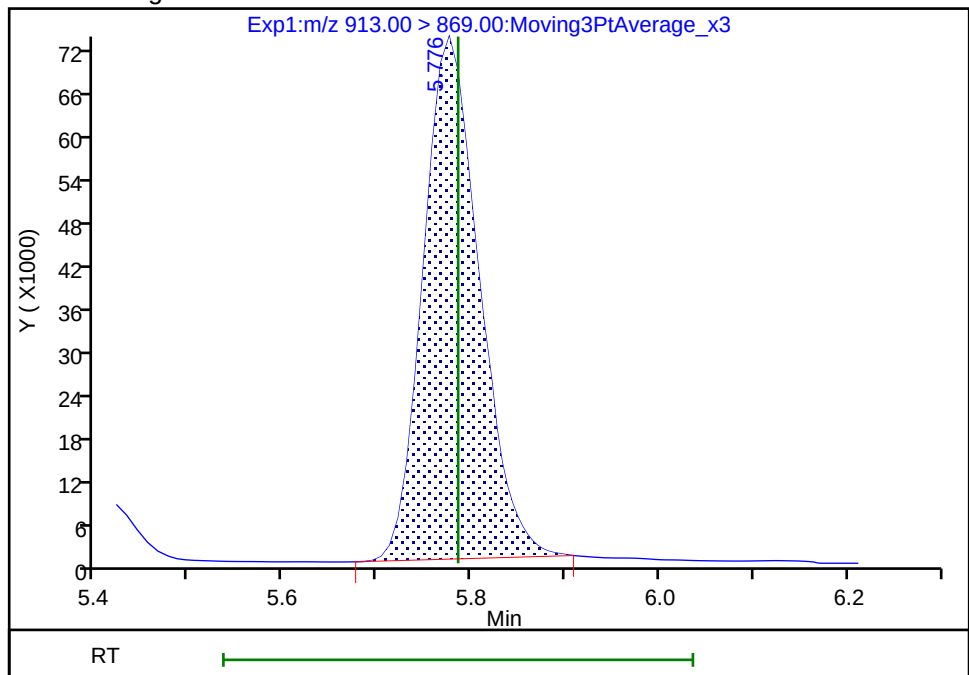
RT: 5.78
Area: 308100
Amount: 0.533653
Amount Units: ng/ml

Processing Integration Results



RT: 5.78
Area: 304377
Amount: 0.548272
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:44:58
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

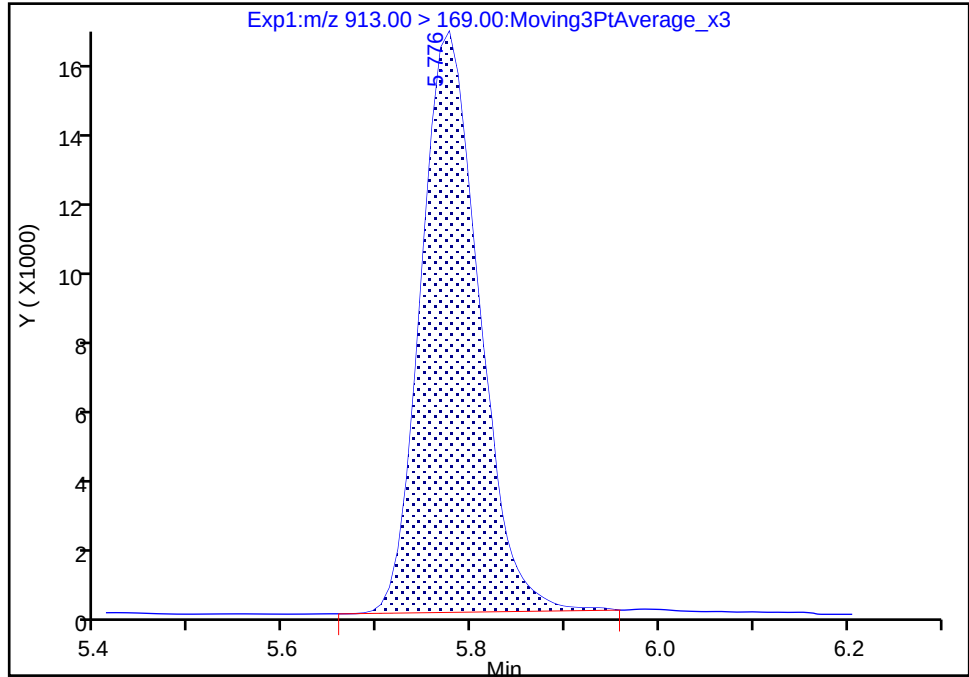
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL07.d
Injection Date: 03-Aug-2022 13:16:40 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 4 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

46 Perfluorooctadecanoic acid, CAS: 16517-11-6

Signal: 2

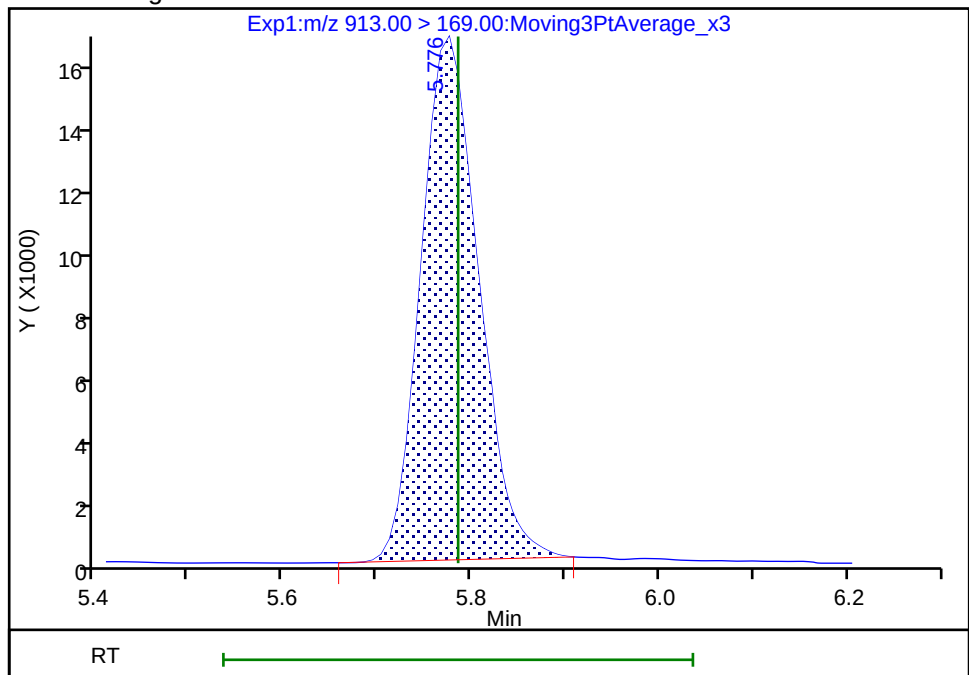
RT: 5.78
Area: 69080
Amount: 0.533653
Amount Units: ng/ml

Processing Integration Results



RT: 5.78
Area: 68198
Amount: 0.548272
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:45:02

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
 Lims ID: ICIS
 Client ID:
 Sample Type: ICIS Calib Level: 4
 Inject. Date: 03-Aug-2022 13:24:49 ALS Bottle#: 5 Worklist Smp#: 8
 Injection Vol: 20.0 ul Dil. Factor: 1.0000
 Sample Info: ICIS
 Misc. Info.: 200-0051940-008 Plate: 1 Rack: 1
 Operator ID: lc812tech Instrument ID: LC812
 Sublist: chrom-PFC_LC812*sub3
 Method: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PFC_LC812.m
 Limit Group: LC_PFC_ICAL
 Last Update: 03-Aug-2022 14:25:22 Calib Date: 03-Aug-2022 13:41:11
 Integrator: Picker
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
 Column 1 : C-18 (4.60 mm) Det: EXP1
 Process Host: CTX1672

First Level Reviewer: Z1IP

Date: 03-Aug-2022 13:51:41

Ratio Calibration: Average of Initial Calibration

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										M
217.00 > 172.00	2.085	2.085	0.0	0.599	1990166	1.23		98.7	7213	M
2 Perfluorobutanoic acid										M
212.90 > 169.00	2.085	2.085	0.0	1.000	1485378	0.9621		96.2	231	M
D 3 13C5 PFPeA										
267.90 > 223.00	2.400	2.400	0.0	0.689	1448057	1.17		93.4	2957	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.400	2.400	0.0	1.000	1164099	0.9747		97.5	48.4	
D 47 13C3 PFBS										
301.90 > 80.00	2.413	2.413	0.0	0.693	1606766	1.12		96.3	253305	
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.413	2.413	0.0	1.000	1308863	0.8579	Target=2.18	97.0	1206	
298.90 > 99.00	2.427	2.413	0.014	1.006	588202		2.23(1.09-3.28)	97.0	481	
D 60 M2-4:2 FTS										
329.00 > 81.00	2.713	2.713	0.0	0.779	139111	1.13		96.4	154	
61 1H,1H,2H,2H-perfluorohexanesulfo										M
327.00 > 307.00	2.713	2.713	0.0	1.000	264719	0.9347		100	2421	M
6 Perfluorohexanoic acid										M
313.00 > 269.00	2.750	2.750	0.0	1.000	1254024	0.9718	Target=12.37	97.2	288	
313.00 > 119.00	2.750	2.750	0.0	1.000	102444		12.24(6.19-18.56)	97.2	187	M
D 7 13C2 PFHxA										M
315.00 > 270.00	2.750	2.750	0.0	0.790	1545822	1.25		99.9	2534	M
70 Perfluoropentanesulfonic acid										M
349.00 > 80.00	2.762	2.762	0.0	0.885	1187688	0.9027	Target=3.00	96.2	1239	M
349.00 > 99.00	2.762	2.762	0.0	0.885	402094		2.95(1.50-4.50)	96.2	747	
D 64 13C3 HFPO-DA										
287.00 > 169.00	2.859	2.859	0.0	0.821	284467	1.22		97.6	1430	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
67 Perfluoro(2-propoxypropanoic) ac										M
285.00 > 169.00	2.859	2.859	0.0	1.000	234481	0.9589		95.9	2385	M
D 9 13C4 PFHpA										
367.00 > 322.00	3.121	3.121	0.0	0.896	1584230	1.23		98.7	2426	
10 Perfluoroheptanoic acid										M
363.00 > 319.00	3.121	3.121	0.0	1.000	1289525	0.9873	Target=3.68	98.7	348	M
363.00 > 169.00	3.121	3.121	0.0	1.000	346094		3.73(1.84-5.52)	98.7	539	M
D 11 18O2 PFHxS										M
403.00 > 84.00	3.121	3.121	0.0	0.896	1199930	1.19		101	1779	M
8 Perfluorohexanesulfonic acid										M
399.00 > 80.00	3.121	3.121	0.0	1.000	943168	0.8427	Target=3.52	92.6	1166	M
399.00 > 99.00	3.121	3.121	0.0	1.000	274604		3.43(1.76-5.27)	92.6	325	M
77 DONA										M
377.00 > 251.00	3.165	3.165	0.0	0.832	2813092	0.9411	Target=2.78	99.9	1880	M
377.00 > 85.00	3.165	3.165	0.0	0.832	991616		2.84(1.39-4.17)	99.9	1036	M
D 12 M2-6:2 FTS										
429.00 > 81.00	3.474	3.474	0.0	0.997	203094	1.20		101	372	
13 1H,1H,2H,2H-perfluorooctanesulfo										M
427.00 > 407.00	3.474	3.474	0.0	1.000	238899	0.9418		99.3	398	M
16 Perfluoroheptanesulfonic acid										M
449.00 > 80.00	3.474	3.474	0.0	0.914	822025	0.9164	Target=4.99	96.3	1399	M
449.00 > 99.00	3.474	3.474	0.0	0.914	168205		4.89(2.50-7.49)	96.3	647	M
15 Perfluorooctanoic acid										M
413.00 > 369.00	3.482	3.482	0.0	1.000	1407860	0.9724	Target=2.64	97.2	160	M
413.00 > 169.00	3.482	3.482	0.0	1.000	526635		2.67(1.32-3.96)	97.2	912	M
D 14 13C4 PFOA										M
417.00 > 372.00	3.482	3.482	0.0	1.000	1613787	1.23		98.1	1604	M
* 62 13C2 PFOA										M
415.00 > 370.00	3.482	3.482	0.0		1727269	1.25			1812	M
17 Perfluorooctanesulfonic acid										M
499.00 > 80.00	3.802	3.802	0.0	1.000	683046	0.9274	Target=4.77	99.9	364	M
499.00 > 99.00	3.802	3.802	0.0	1.000	139901		4.88(2.38-7.15)	99.9	419	M
D 18 13C4 PFOS										M
503.00 > 80.00	3.802	3.802	0.0	1.092	867294	1.15		96.3	1526	M
20 Perfluorononanoic acid										
463.00 > 419.00	3.822	3.822	0.0	1.000	1409012	0.99	Target=7.92	99.3	443	
463.00 > 169.00	3.822	3.822	0.0	1.000	171207		8.23(3.96-11.88)	99.3	1255	
D 19 13C5 PFNA										M
468.00 > 423.00	3.822	3.822	0.0	1.098	1743026	1.28		102	2084	M
69 9-Chlorohexadecafluoro-3-oxanona										M
531.00 > 351.00	3.969	3.969	0.0	1.044	1181613	0.9216		98.9	1874	M
68 Perfluorononanesulfonic acid										M
549.00 > 80.00	4.093	4.093	0.0	1.076	533126	0.9382	Target=2.52	97.7	2279	M
549.00 > 99.00	4.093	4.093	0.0	1.076	210996		2.53(1.26-3.78)	97.7	711	
25 1H,1H,2H,2H-perfluorodecanesulfo										M
527.00 > 507.00	4.127	4.127	0.0	0.997	194268	1.00		105	1449	M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
24 Perfluorodecanoic acid										M
513.00 > 469.00	4.127	4.127	0.0	1.000	1414392	1.00	Target=9.74	100	687	M
513.00 > 169.00	4.127	4.127	0.0	1.000	146317		9.67(4.87-14.60)	100	641	M
D 23 13C2 PFDA										M
515.00 > 470.00	4.127	4.127	0.0	1.185	1674653	1.26		101	1506	M
D 26 M2-8:2 FTS										
529.00 > 81.00	4.138	4.138	0.0	1.188	240555	1.18		98.8	846	
D 21 13C8 FOSA										M
506.00 > 78.00	4.173	4.173	0.0	1.198	1386621	1.19		95.3	1498	M
22 Perfluorooctanesulfonamide										M
498.00 > 78.00	4.173	4.173	0.0	1.000	1095271	0.9689		96.9	1349	M
28 N-methylperfluorooctanesulfonami										M
570.00 > 419.00	4.273	4.273	0.0	1.000	153984	0.9732		97.3	429	M
D 27 d3-NMeFOSAA										M
573.00 > 419.00	4.273	4.273	0.0	1.227	222702	1.25		100.0	520	M
29 Perfluorodecanesulfonic acid										M
599.00 > 80.00	4.365	4.365	0.0	1.148	414469	0.9801	Target=2.62	102	1121	M
599.00 > 99.00	4.365	4.365	0.0	1.148	147870		2.80(1.31-3.93)	102	922	M
D 30 13C2 PFUnA										M
565.00 > 520.00	4.399	4.399	0.0	1.263	1185895	1.18		94.2	1522	M
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.399	4.399	0.0	1.000	1006935	1.00	Target=8.83	100	738	
563.00 > 169.00	4.399	4.399	0.0	1.000	110966		9.07(4.41-13.24)	100	1029	
33 N-ethylperfluorooctanesulfonamid										M
584.00 > 419.00	4.410	4.410	0.0	1.000	144142	0.9611		96.1	655	M
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.410	4.410	0.0	1.266	206475	1.22		97.9	886	
66 11-Chloroeicosafuoro-3-oxaundec										M
631.00 > 451.00	4.491	4.491	0.0	1.181	1584274	0.9494		101	1657	M
D 36 13C2 PFDaA										
615.00 > 570.00	4.633	4.633	0.0	1.330	1247905	1.20		95.6	2577	
37 Perfluorododecanoic acid										M
613.00 > 569.00	4.633	4.633	0.0	1.000	1007986	1.00	Target=6.63	99.6	155	
613.00 > 169.00	4.633	4.633	0.0	1.000	144662		6.97(3.32-9.95)	99.6	741	M
74 1H,1H,2H,2H-perfluorododecanesul										M
627.00 > 607.00	4.654	4.654	0.0	1.125	88428	0.9758		101	595	M
75 Perfluorododecanesulfonic acid (										M
699.00 > 80.00	4.813	4.813	0.0	1.266	169391	0.9022	Target=0.54	93.2	1209	
699.00 > 99.00	4.813	4.813	0.0	1.266	323544		0.52(0.27-0.81)	93.2	1293	M
41 Perfluorotridecanoic acid										M
663.00 > 619.00	4.859	4.859	0.0	1.049	899529	1.02	Target=4.62	102	152	M
663.00 > 169.00	4.859	4.859	0.0	1.049	197181		4.56(2.31-6.94)	102	814	M
D 43 13C2 PFTeDA										
715.00 > 670.00	5.052	5.052	0.0	1.451	1055713	1.24		98.9	3624	
42 Perfluorotetradecanoic acid										M
713.00 > 169.00	5.052	5.052	0.0	1.000	133055	0.9833	Target=0.94	98.3	766	
713.00 > 219.00	5.052	5.052	0.0	1.000	141742		0.94(0.47-1.41)	98.3	930	M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
45 Perfluorohexadecanoic acid										M
813.00 > 769.00	5.422	5.422	0.0	1.000	890409	1.02	Target=4.40	102	191	M
813.00 > 169.00	5.422	5.422	0.0	1.000	203401		4.38(2.20-6.59)	102	1180	
D 44 13C2 PFHxDA										M
815.00 > 770.00	5.422	5.422	0.0	1.557	1201939	1.24		98.9	2047	M
46 Perfluorooctadecanoic acid										M
913.00 > 869.00	5.786	5.786	0.0	1.067	621162	0.9716	Target=4.42	97.2	142	M
913.00 > 169.00	5.777	5.786	-0.009	1.065	144019		4.31(2.21-6.63)	97.2	494	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

PFAS32NCIC4_00033

Amount Added: 100.00

Units: uL

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d

Injection Date: 03-Aug-2022 13:24:49

Instrument ID: LC812

Lims ID: ICIS

Client ID:

Operator ID: lc812tech

ALS Bottle#: 5

Worklist Smp#: 8

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

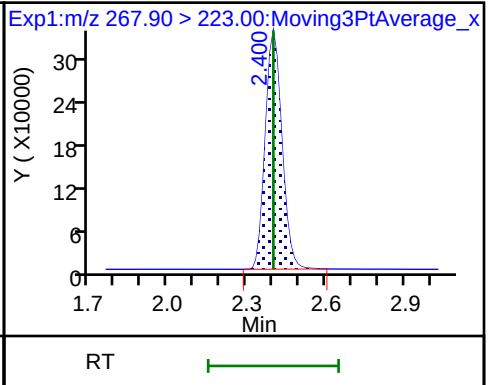
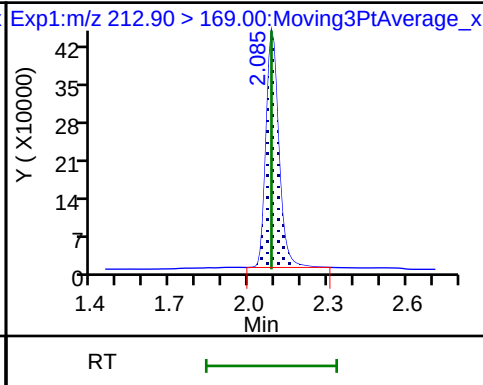
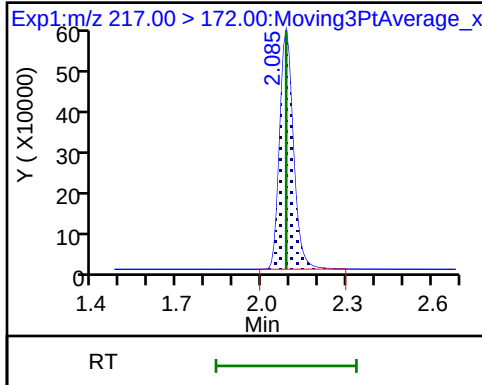
Method: PFC_LC812

Limit Group: LC_PFC_ICAL

D 1 13C4 PFBA (M)

2 Perfluorobutanoic acid (M)

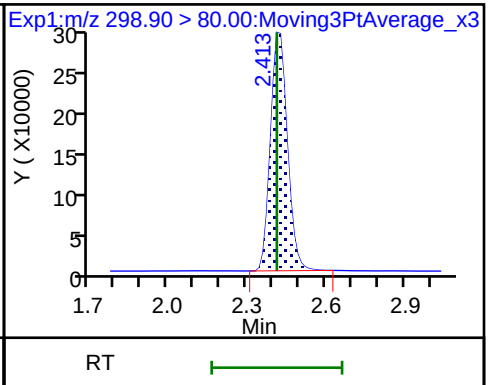
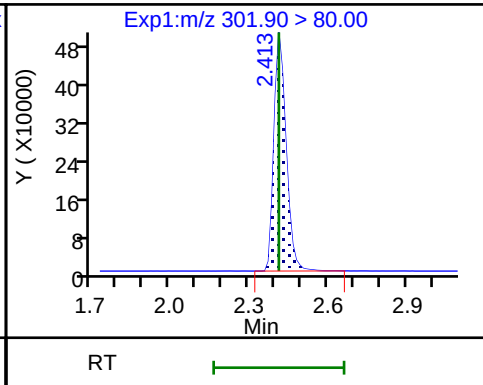
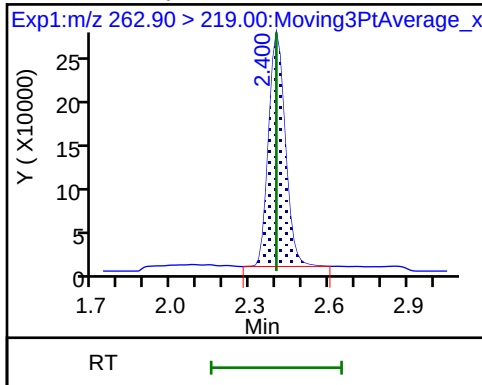
D 3 13C5 PFPeA



4 Perfluoropentanoic acid

D 47 13C3 PFBS

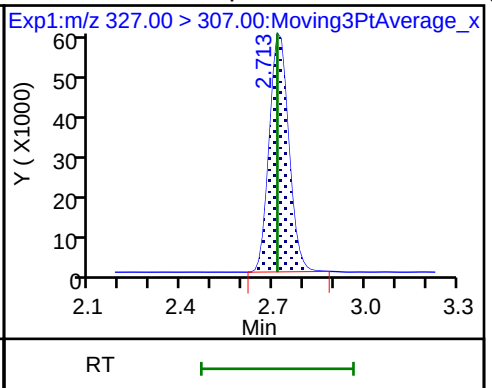
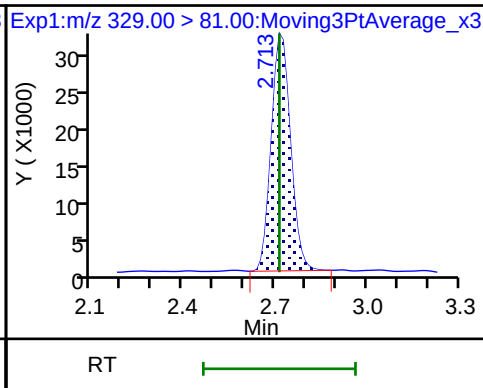
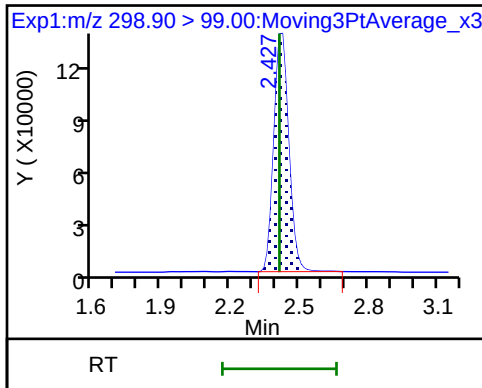
5 Perfluorobutanesulfonic acid



5 Perfluorobutanesulfonic acid

D 60 M2-4:2 FTS

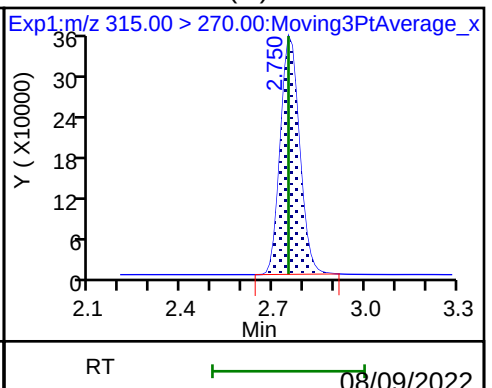
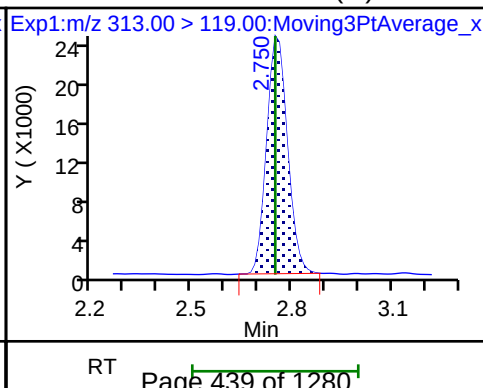
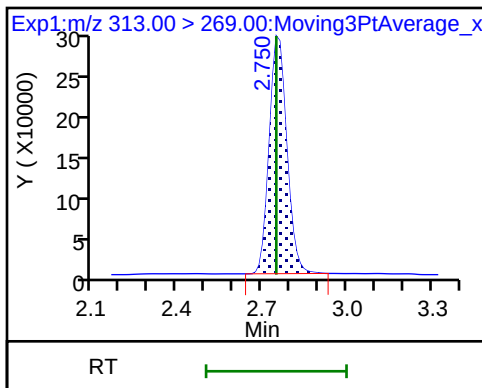
61 1H,1H,2H,2H-perfluorohexanesulfo (M)



6 Perfluorohexanoic acid

6 Perfluorohexanoic acid (M)

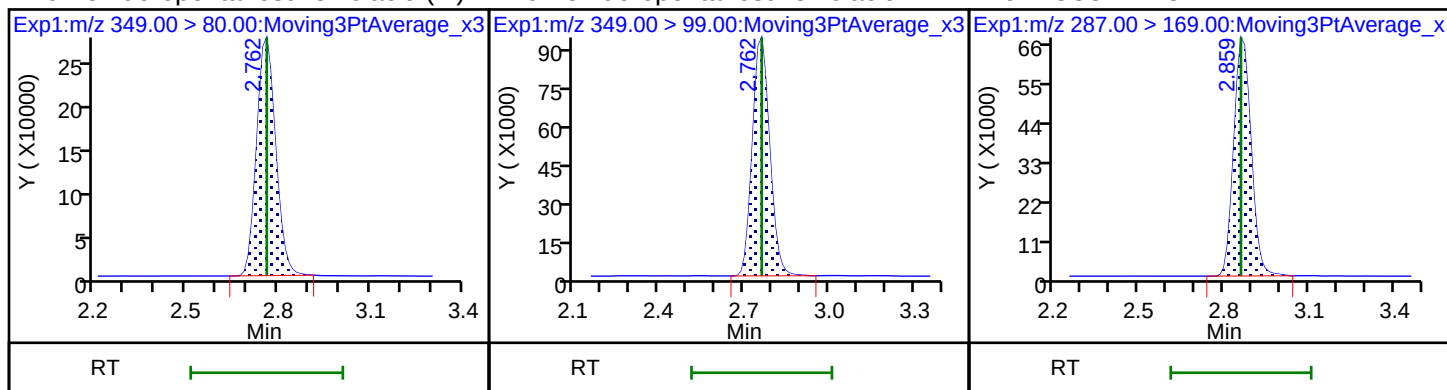
D 7 13C2 PFHxA (M)



70 Perfluoropentanesulfonic acid (M)

70 Perfluoropentanesulfonic acid

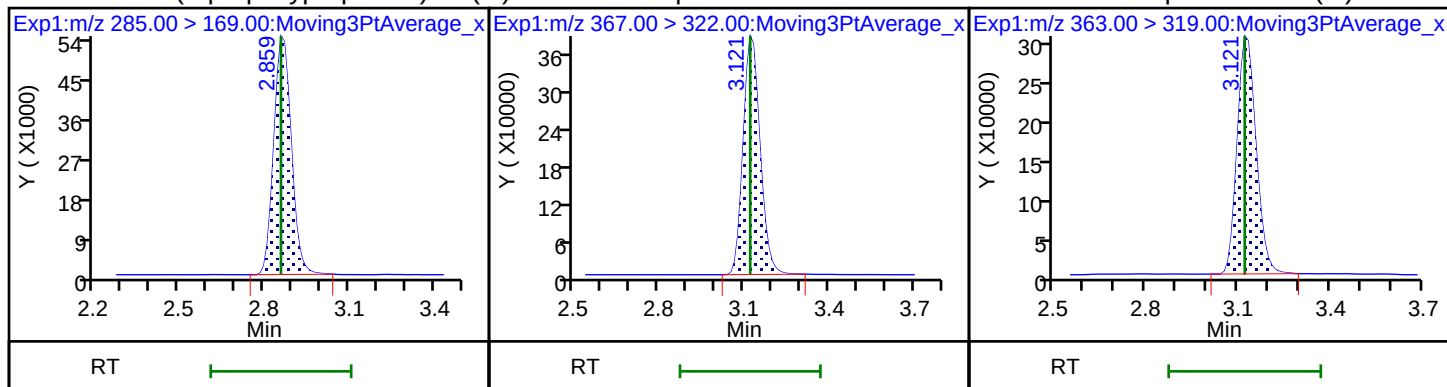
D 64 13C3 HFPO-DA



67 Perfluoro(2-propoxypropanoic) ac (M)

9 13C4 PFHpA

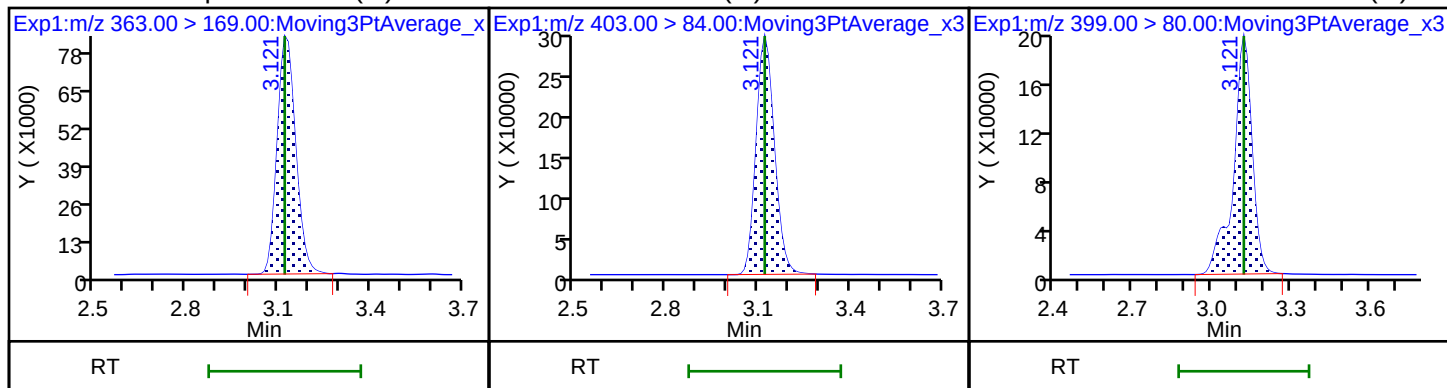
10 Perfluoroheptanoic acid (M)



10 Perfluoroheptanoic acid (M)

D 11 18O2 PFHxS (M)

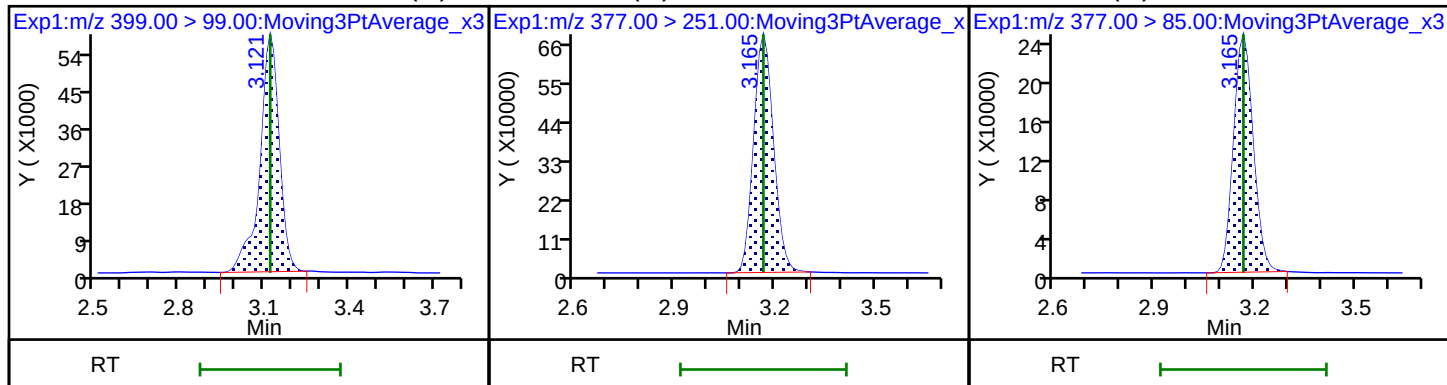
8 Perfluorohexanesulfonic acid (M)



8 Perfluorohexanesulfonic acid (M)

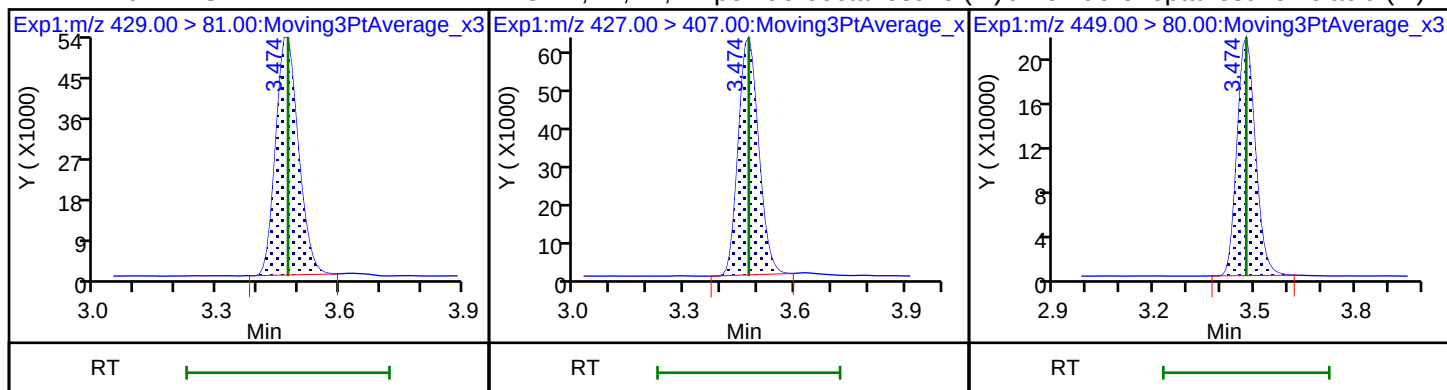
77 DONA (M)

77 DONA (M)



D 12 M2-6:2 FTS

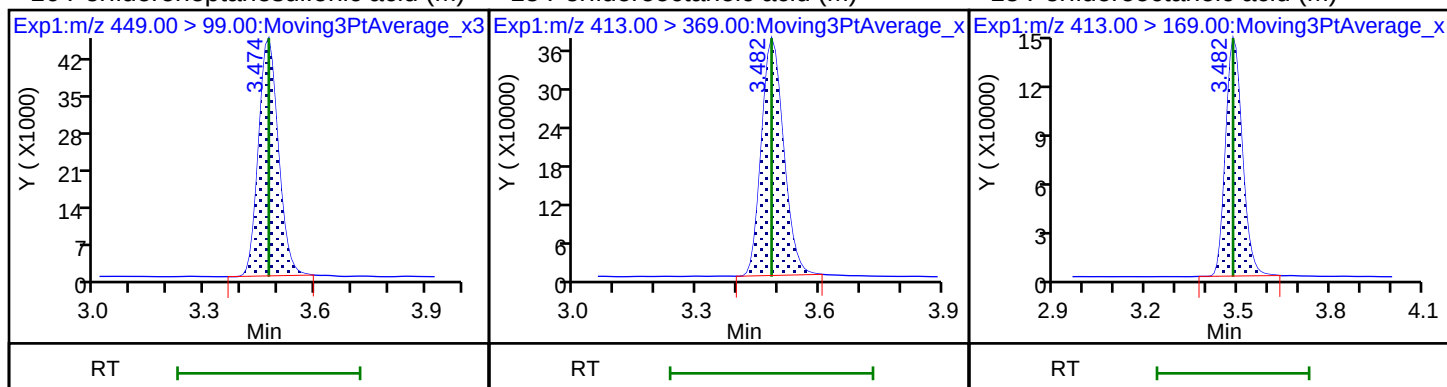
13 1H,1H,2H,2H-perfluorooctanesulfo (M) 16 Perfluoroheptanesulfonic acid (M)



16 Perfluoroheptanesulfonic acid (M)

15 Perfluorooctanoic acid (M)

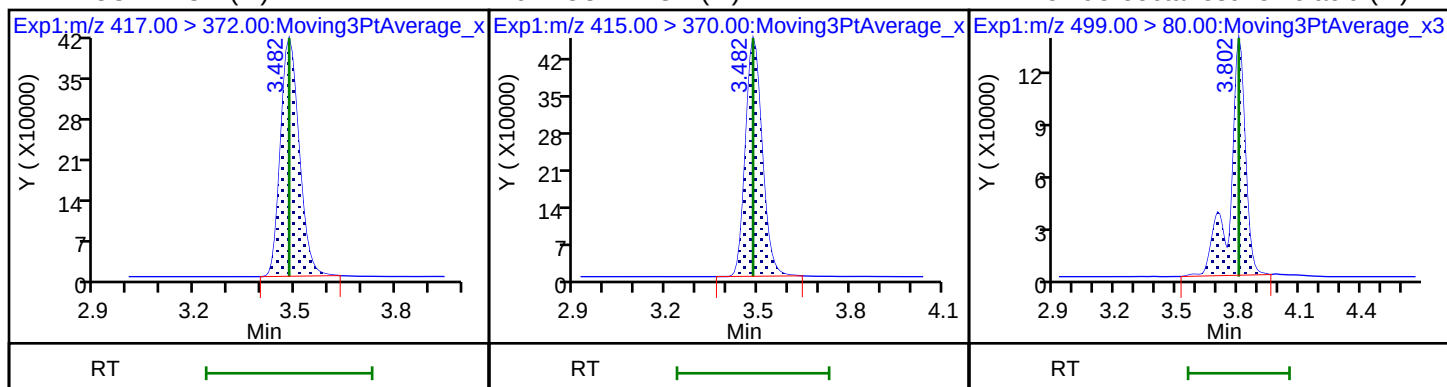
15 Perfluorooctanoic acid (M)



D 14 13C4 PFOA (M)

* 62 13C2 PFOA (M)

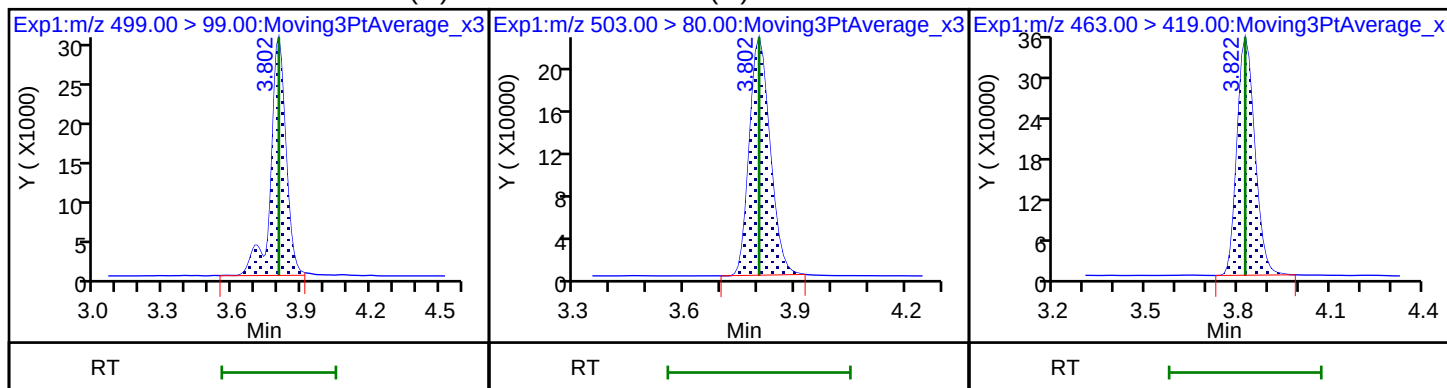
17 Perfluorooctanesulfonic acid (M)

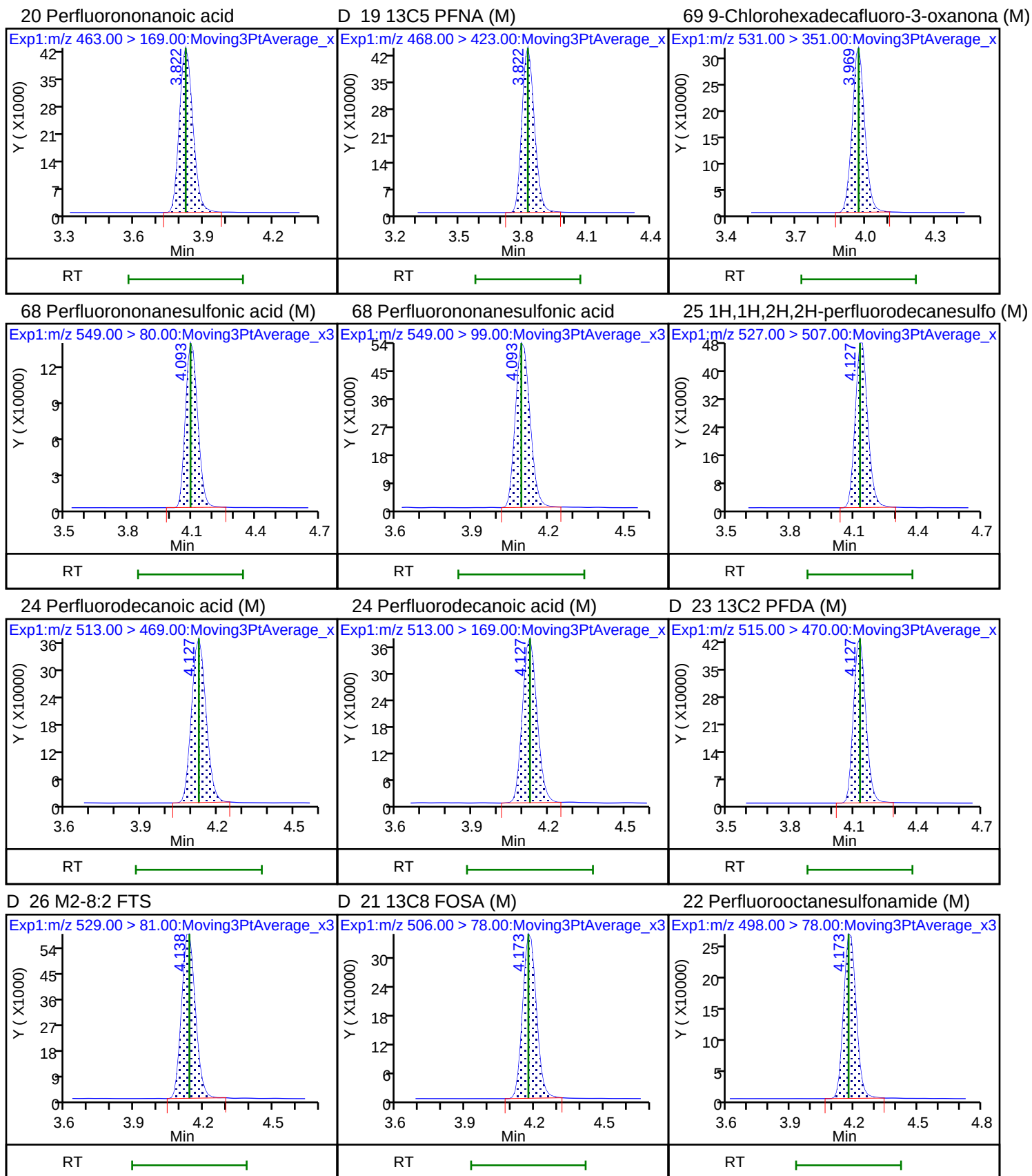


17 Perfluorooctanesulfonic acid (M)

D 18 13C4 PFOS (M)

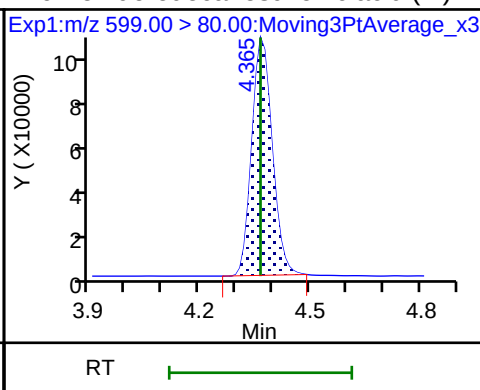
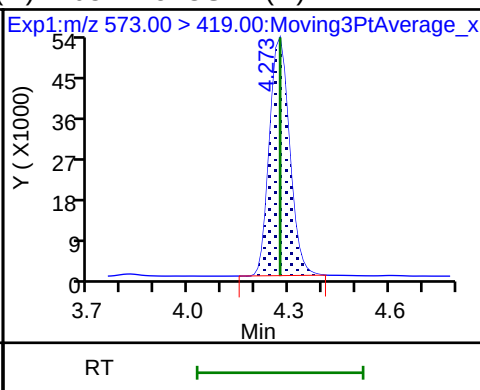
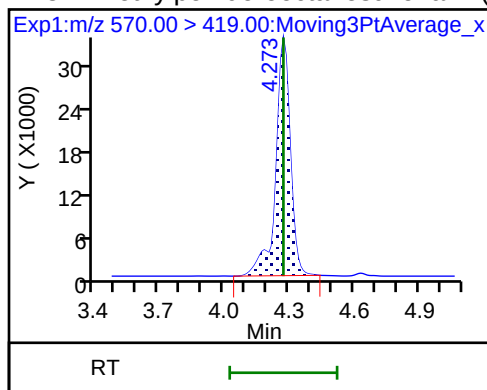
20 Perfluorononanoic acid





28 N-methylperfluorooctanesulfonami (M) 27 d3-NMeFOSAA (M)

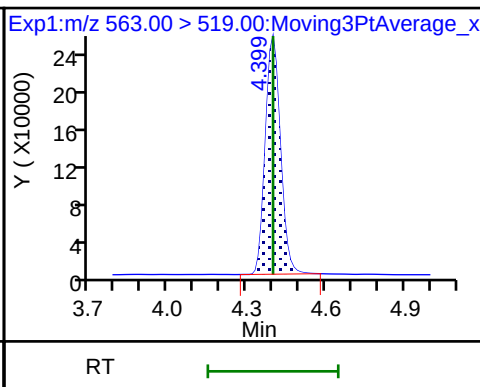
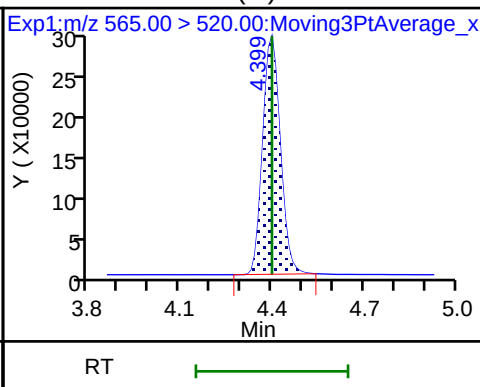
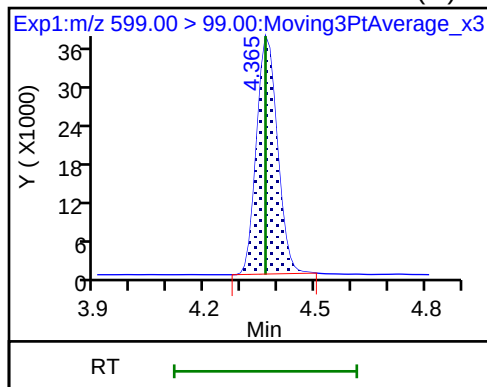
29 Perfluorodecanesulfonic acid (M)



29 Perfluorodecanesulfonic acid (M)

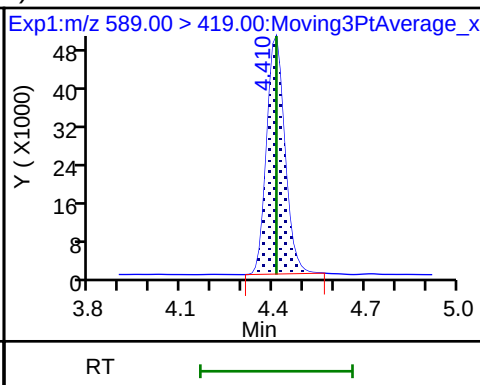
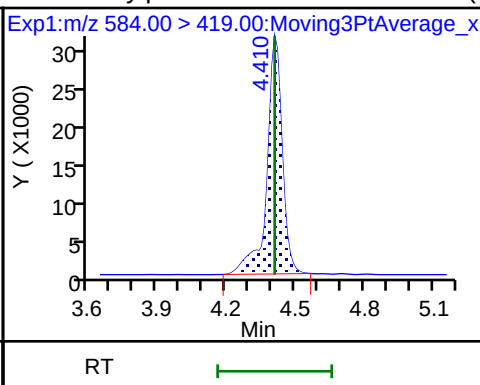
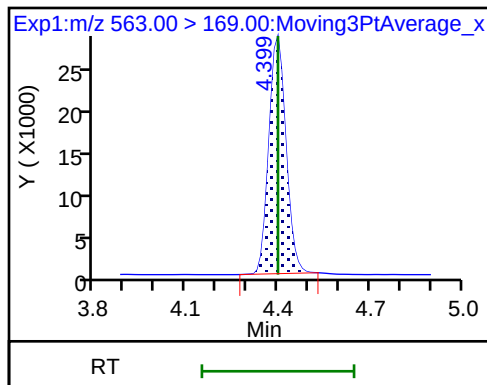
D 30 13C2 PFUnA (M)

31 Perfluoroundecanoic acid



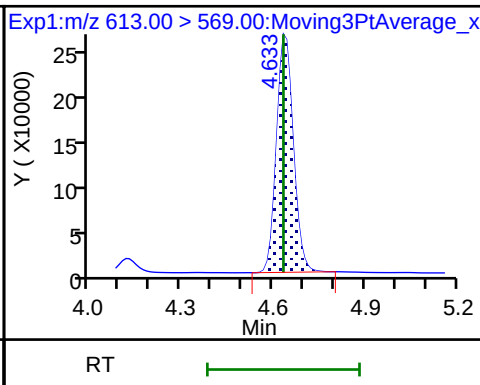
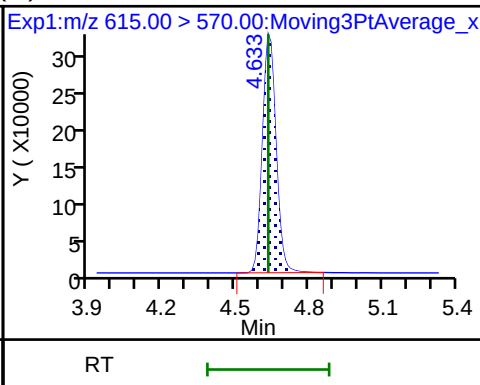
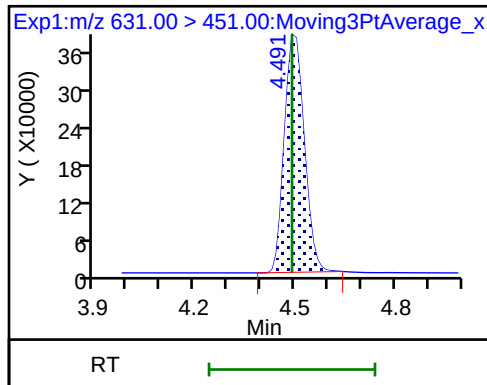
31 Perfluoroundecanoic acid

33 N-ethylperfluorooctanesulfonamid (M) 32 d5-NEtFOSAA

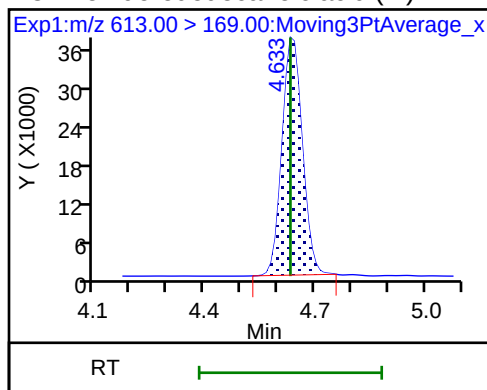


66 11-Chloroeicosafluoro-3-oxaundec (M) 36 13C2 PFDaA

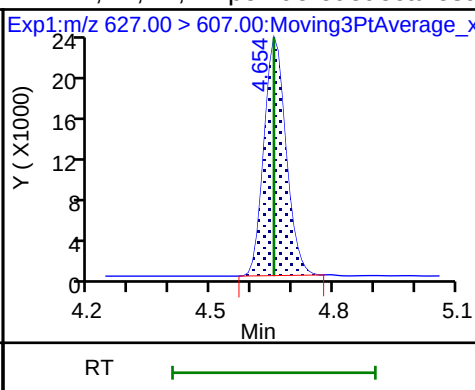
37 Perfluorododecanoic acid



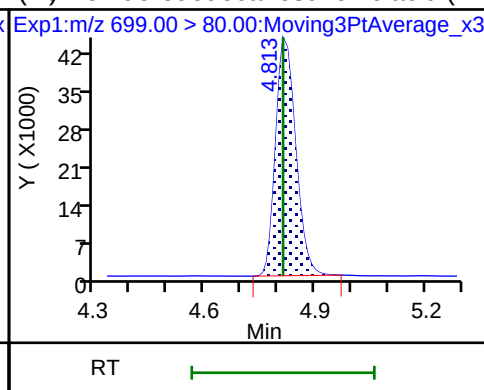
37 Perfluorododecanoic acid (M)



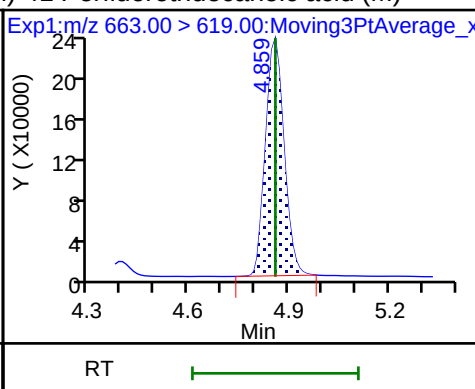
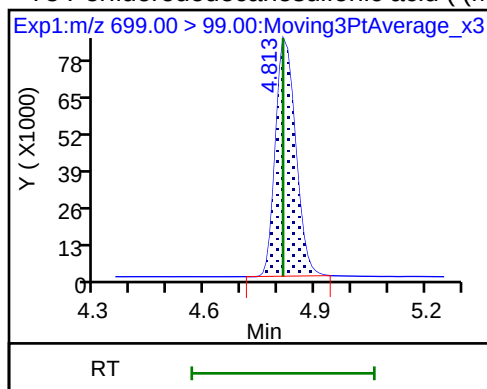
74 1H,1H,2H,2H-perfluorododecanesul (M)



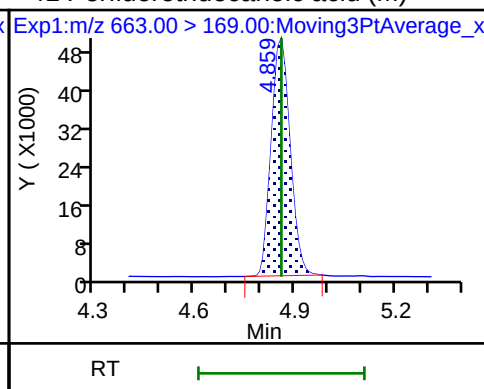
75 Perfluorododecanesulfonic acid (M)



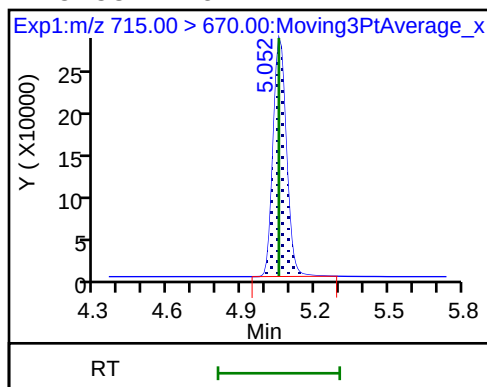
75 Perfluorododecanesulfonic acid (M) 41 Perfluorotridecanoic acid (M)



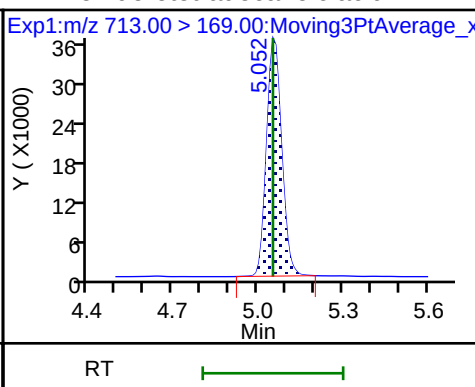
41 Perfluorotridecanoic acid (M)



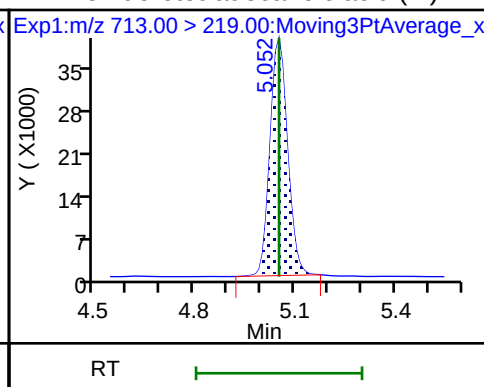
D 43 13C2 PFTeDA



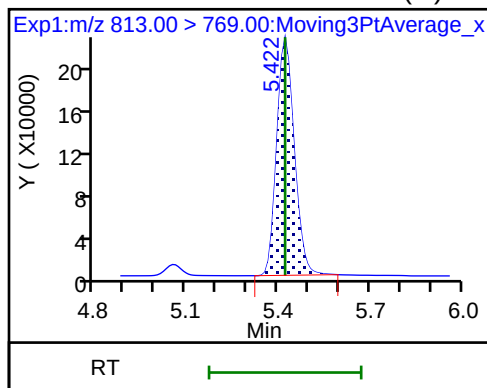
42 Perfluorotetradecanoic acid



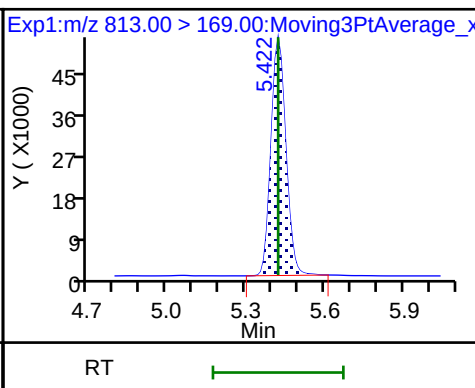
42 Perfluorotetradecanoic acid (M)



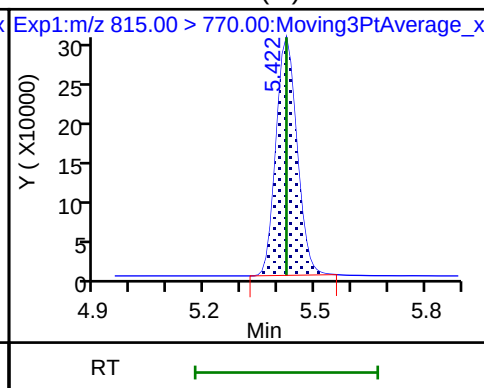
45 Perfluorohexadecanoic acid (M)



45 Perfluorohexadecanoic acid

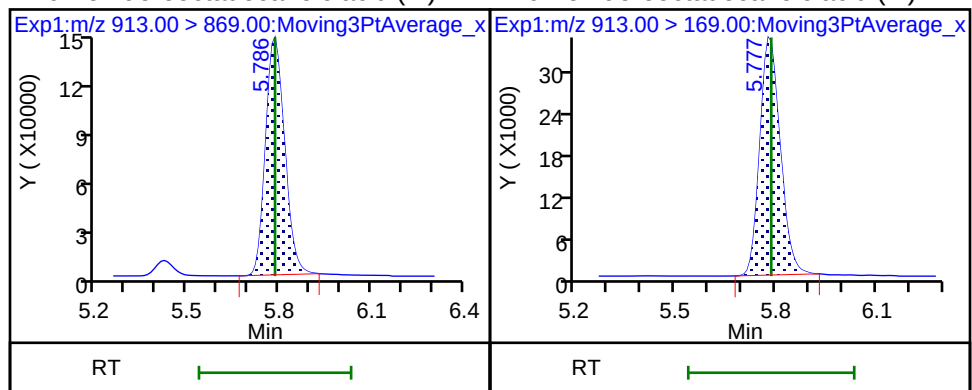


D 44 13C2 PFHxDA (M)



46 Perfluorooctadecanoic acid (M)

46 Perfluorooctadecanoic acid (M)



Eurofins Burlington

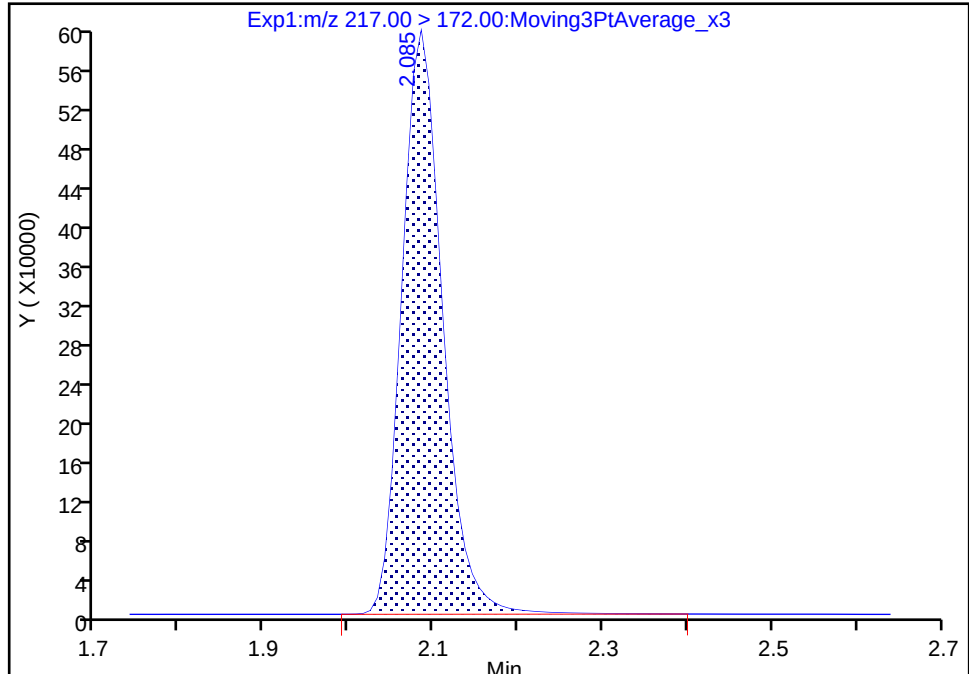
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 1 13C4 PFBA, CAS: STL00992

Signal: 1

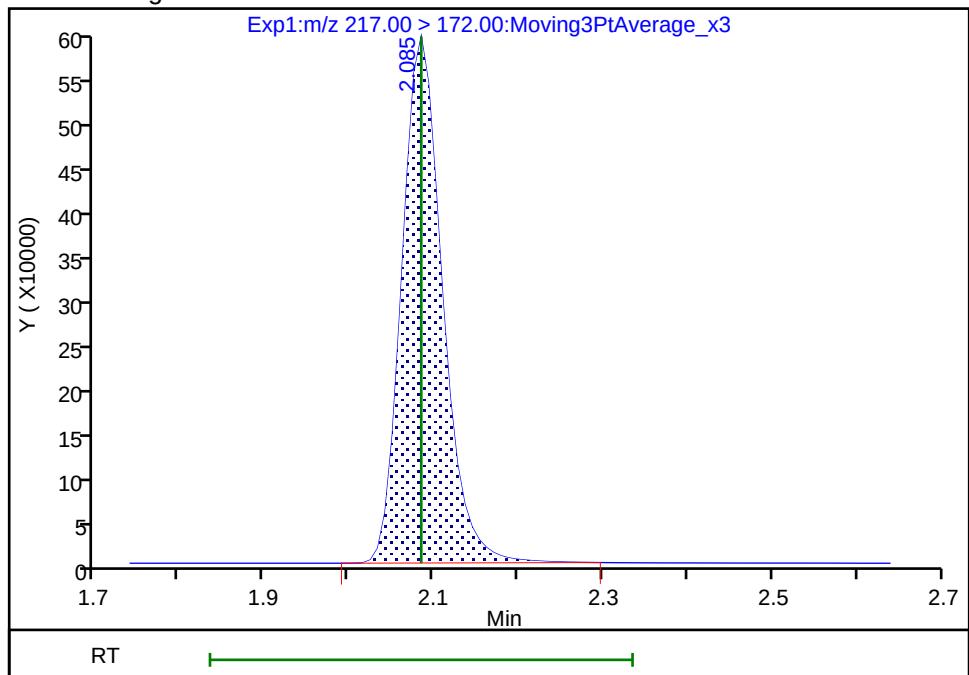
RT: 2.08
Area: 1995913
Amount: 1.269976
Amount Units: ng/ml

Processing Integration Results



RT: 2.08
Area: 1990166
Amount: 1.234104
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:45:58
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

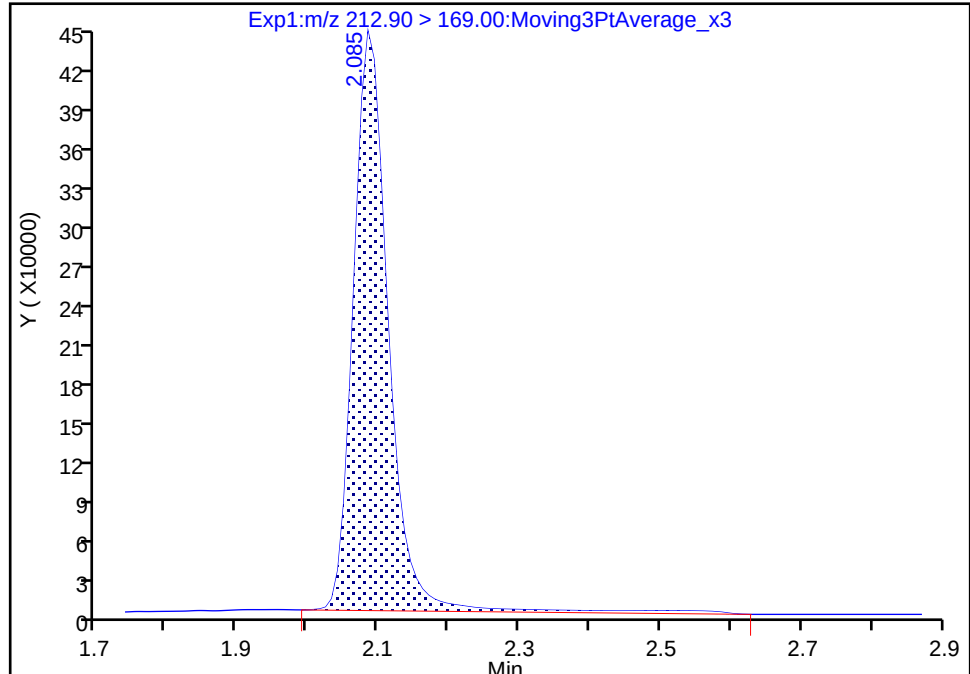
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

2 Perfluorobutanoic acid, CAS: 375-22-4

Signal: 1

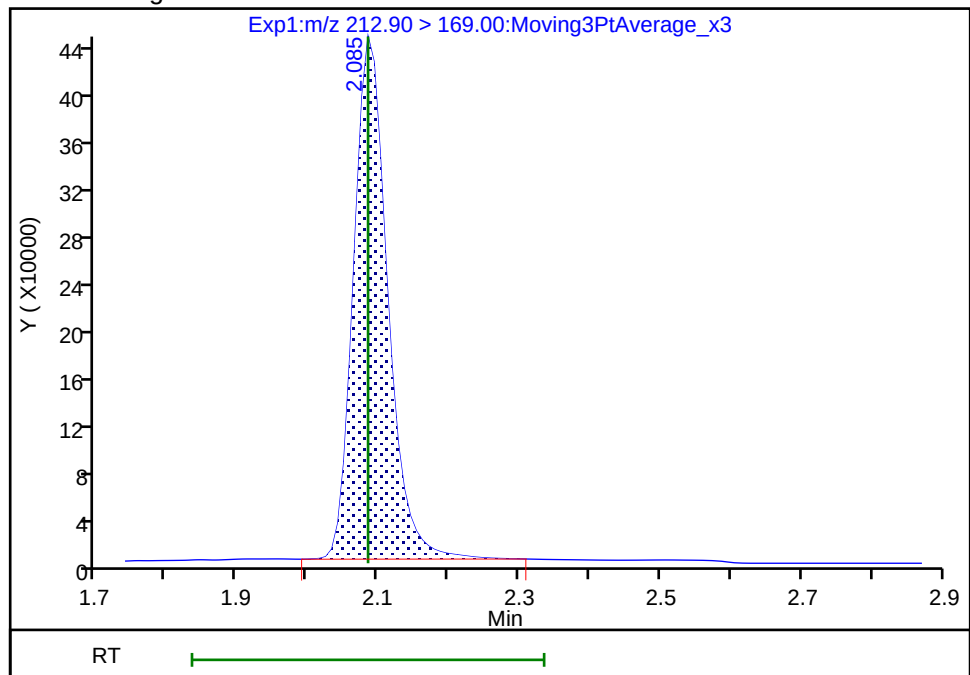
RT: 2.08
Area: 1534489
Amount: 0.983938
Amount Units: ng/ml

Processing Integration Results



RT: 2.08
Area: 1485378
Amount: 0.962110
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:46:02
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

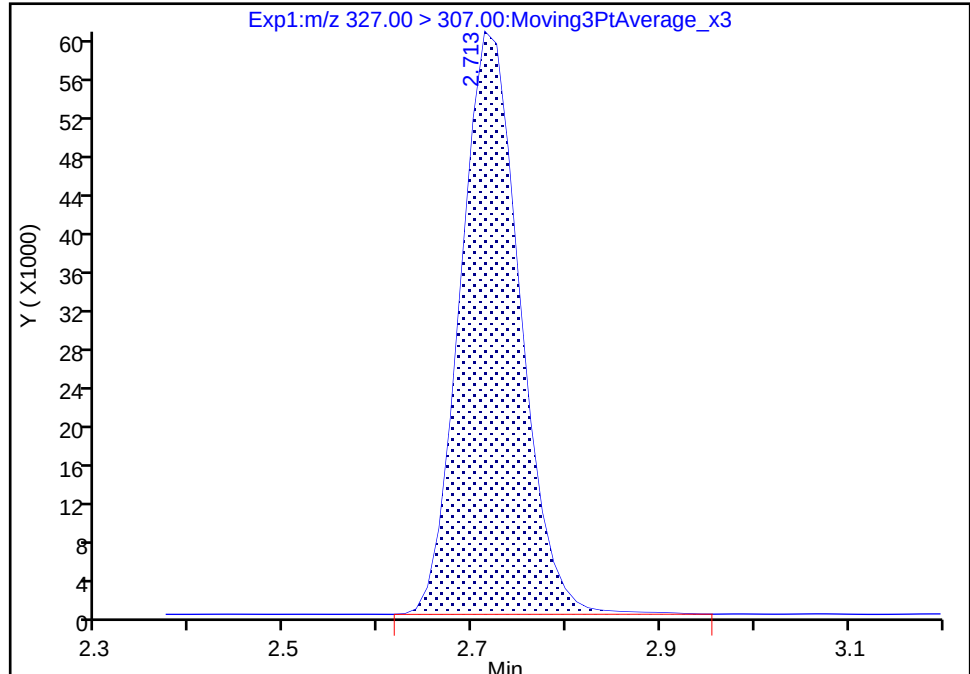
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

61 1H,1H,2H,2H-perfluorohexanesulfo, CAS: 757124-72-4

Signal: 1

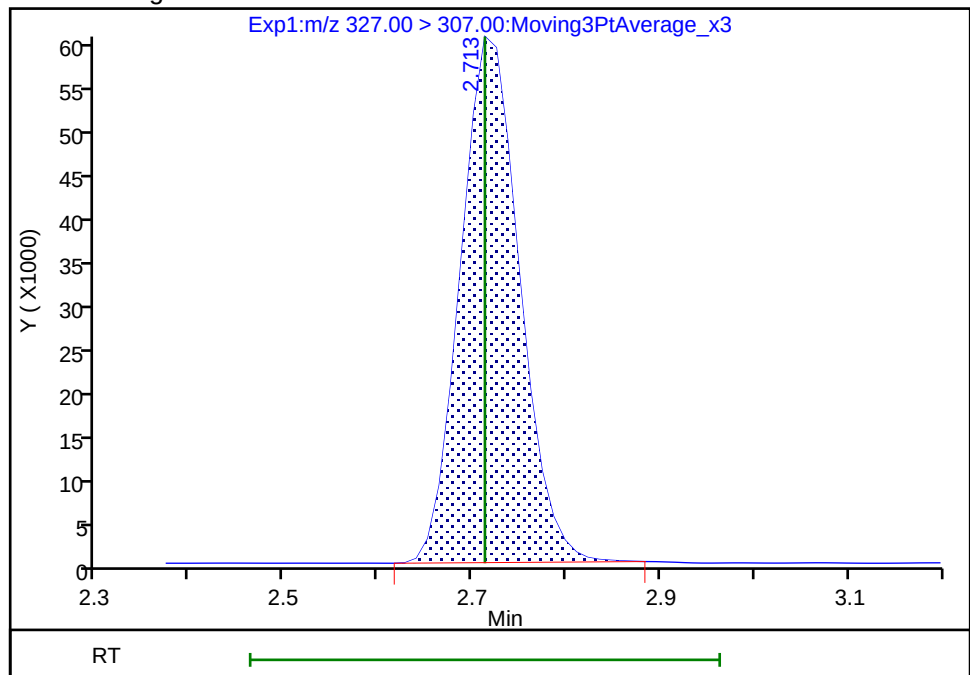
RT: 2.71
Area: 266530
Amount: 0.925627
Amount Units: ng/ml

Processing Integration Results



RT: 2.71
Area: 264719
Amount: 0.934717
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:46:17
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

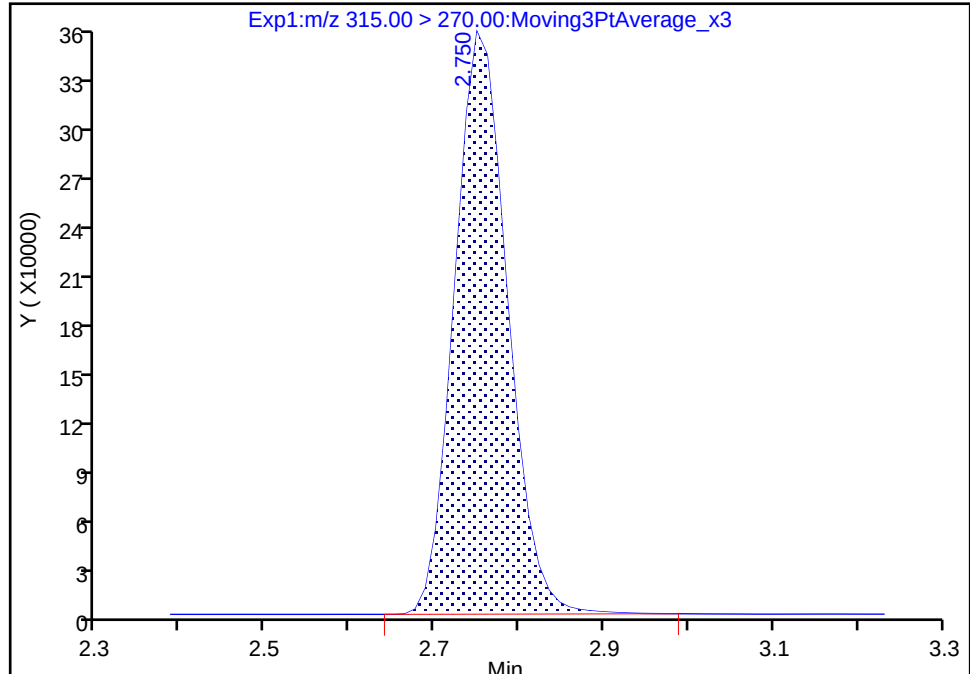
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 7 13C2 PFHxA, CAS: STL00993

Signal: 1

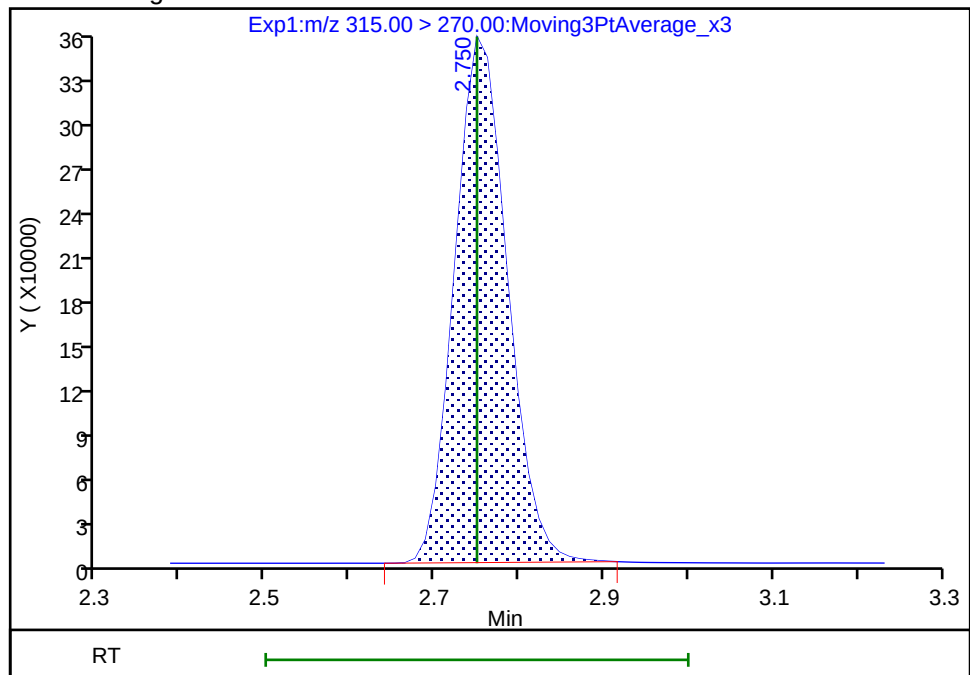
RT: 2.75
Area: 1553236
Amount: 1.282508
Amount Units: ng/ml

Processing Integration Results



RT: 2.75
Area: 1545822
Amount: 1.248254
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:46:33

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

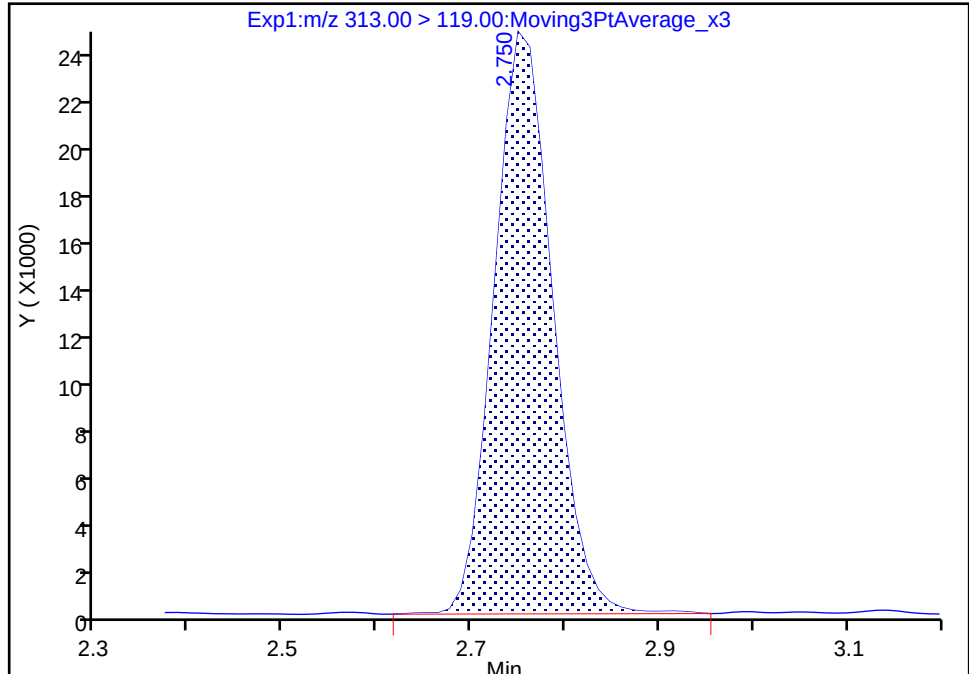
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

6 Perfluorohexanoic acid, CAS: 307-24-4

Signal: 2

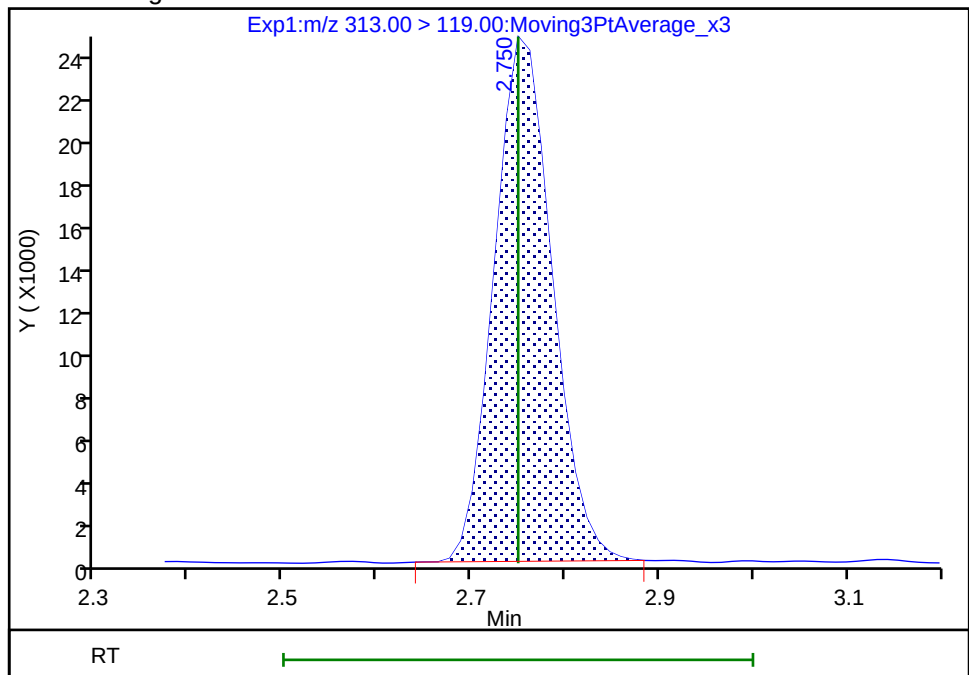
RT: 2.75
Area: 103808
Amount: 0.951516
Amount Units: ng/ml

Processing Integration Results



RT: 2.75
Area: 102444
Amount: 0.971809
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:46:38
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

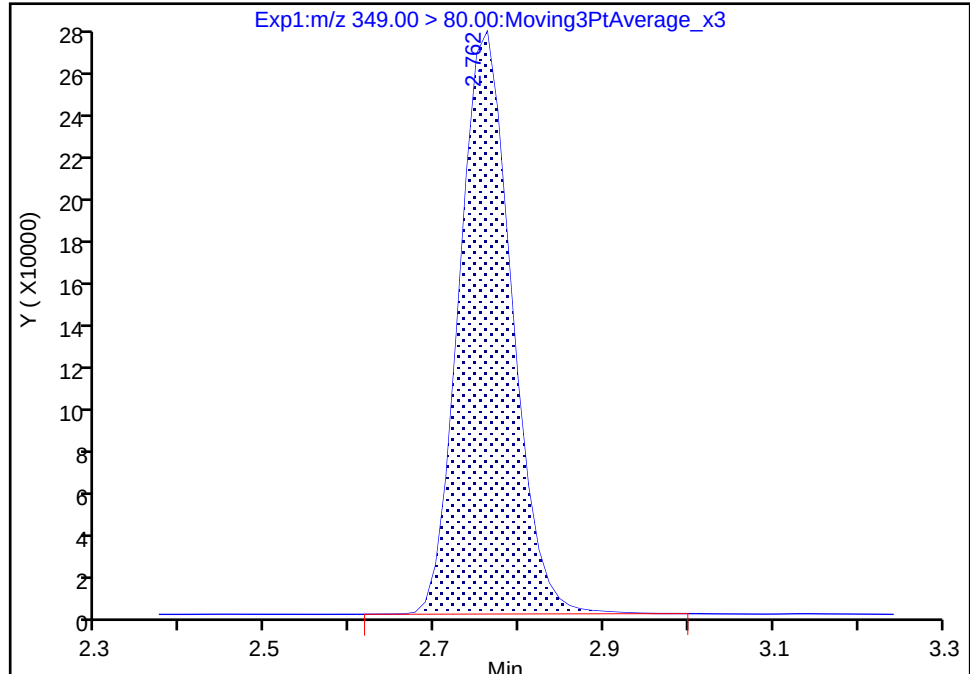
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

70 Perfluoropentanesulfonic acid, CAS: 2706-91-4

Signal: 1

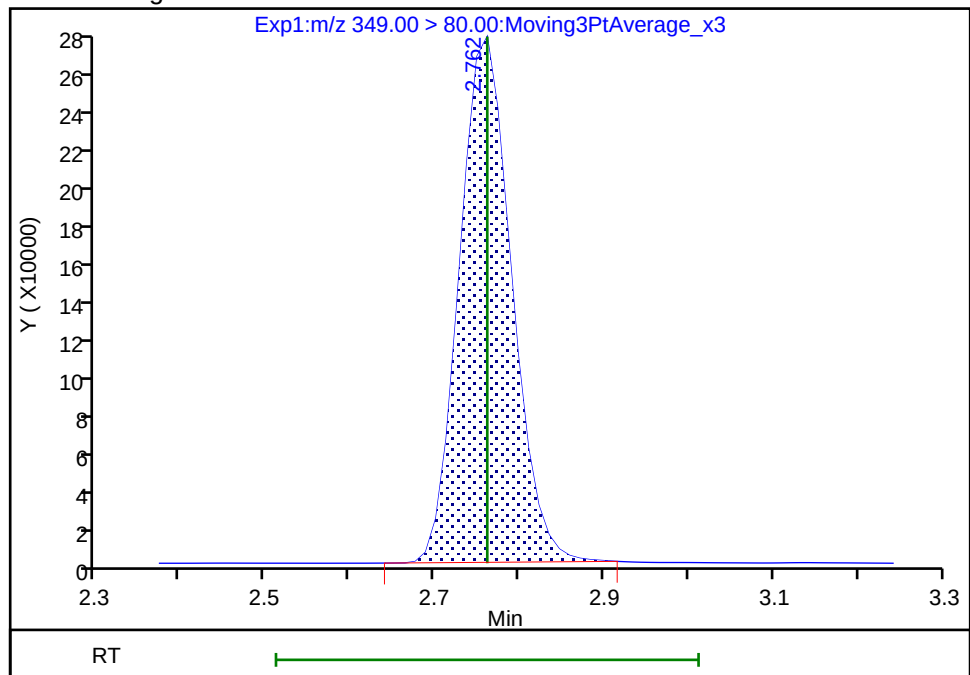
RT: 2.76
Area: 1194607
Amount: 0.908452
Amount Units: ng/ml

Processing Integration Results



RT: 2.76
Area: 1187688
Amount: 0.902701
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:46:56
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

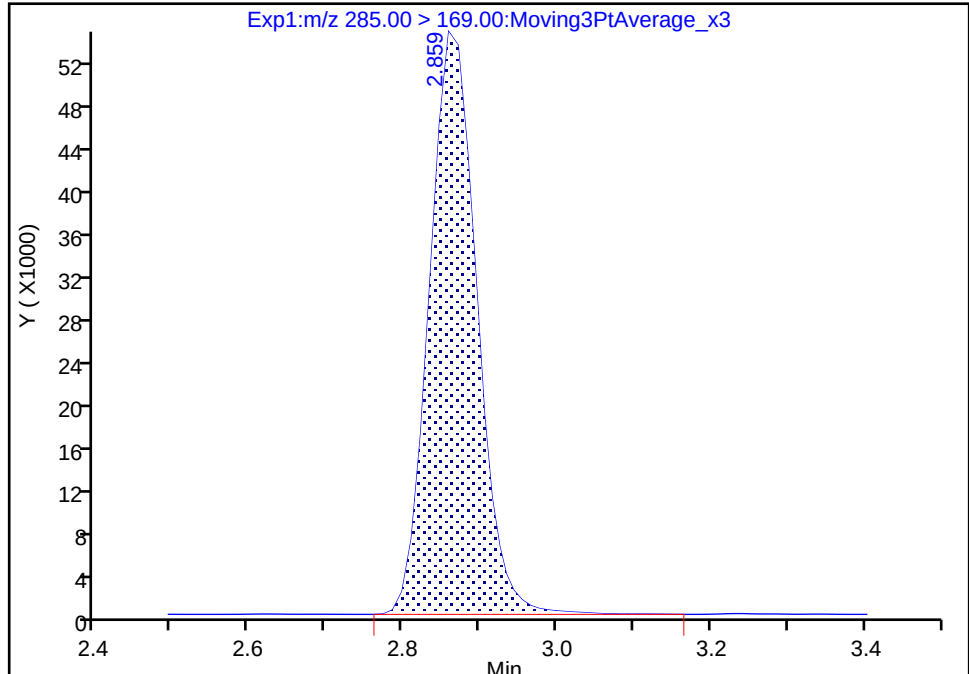
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

67 Perfluoro(2-propoxypropanoic) ac, CAS: 13252-13-6

Signal: 1

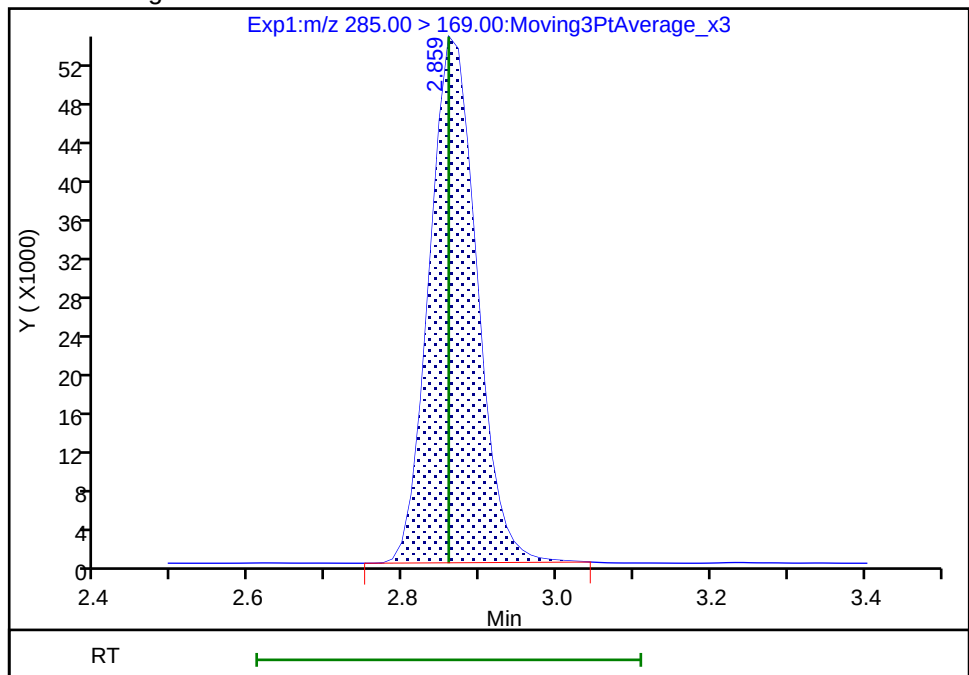
RT: 2.86
Area: 235824
Amount: 0.953853
Amount Units: ng/ml

Processing Integration Results



RT: 2.86
Area: 234481
Amount: 0.958886
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:47:00
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

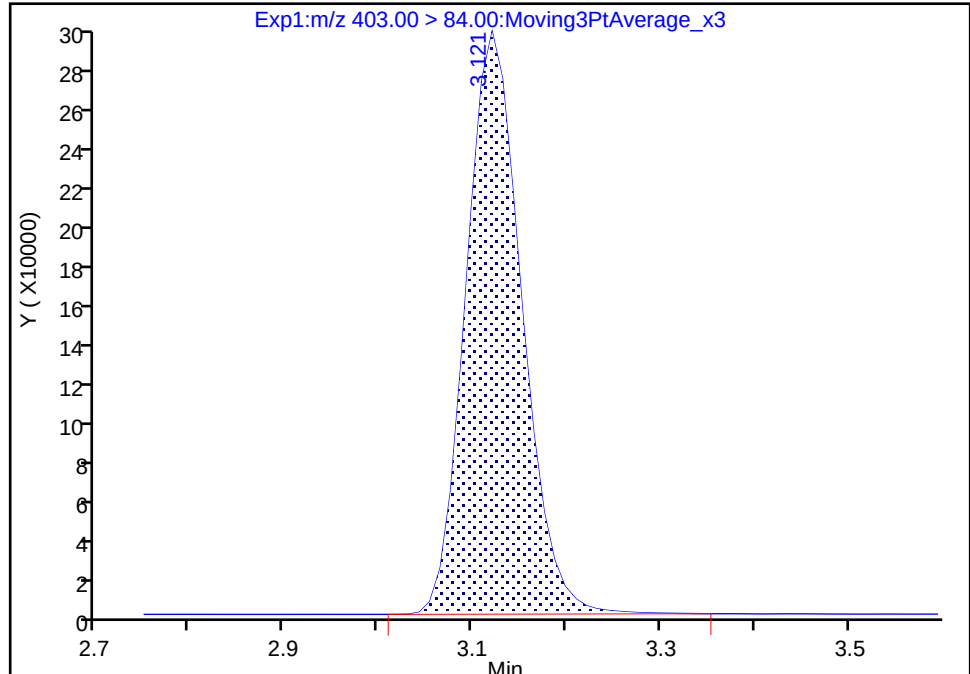
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 11 18O2 PFHxS, CAS: STL00994

Signal: 1

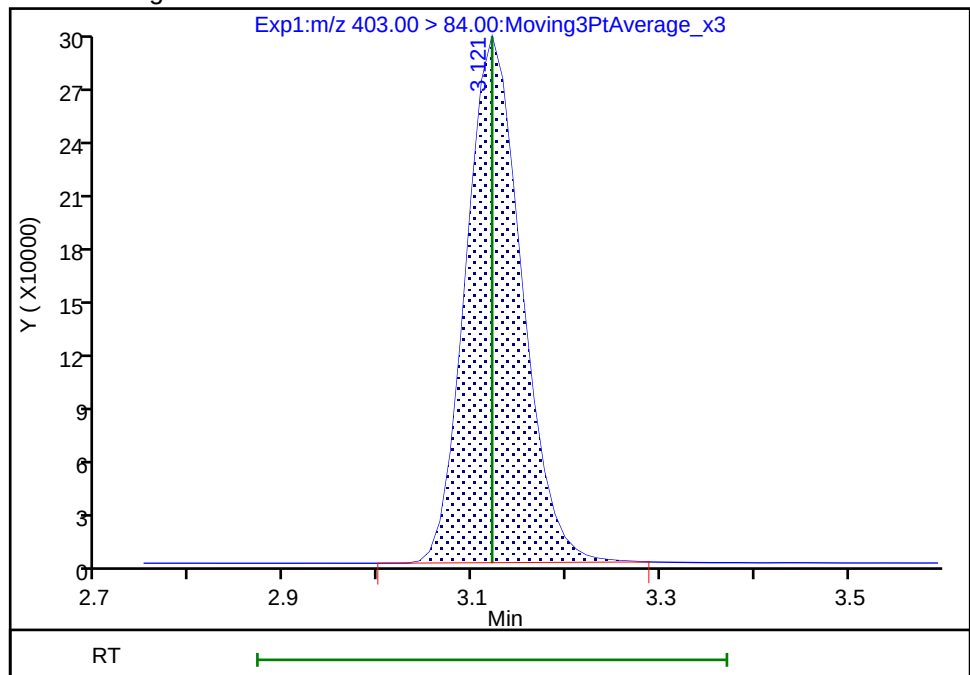
RT: 3.12
Area: 1204907
Amount: 1.095506
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 1199930
Amount: 1.188733
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:47:15
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

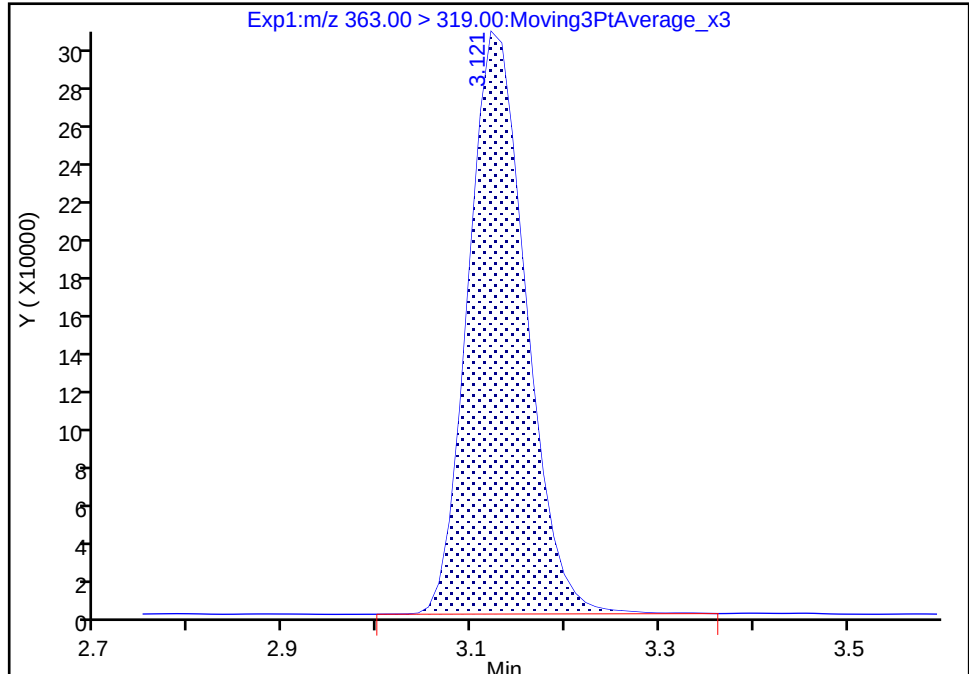
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

10 Perfluoroheptanoic acid, CAS: 375-85-9

Signal: 1

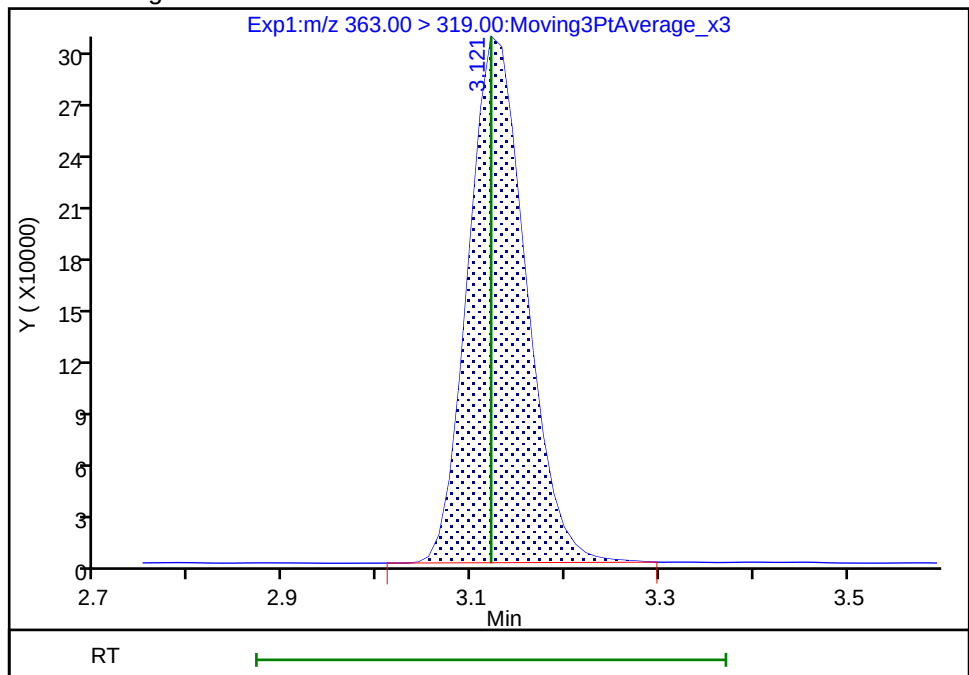
RT: 3.12
Area: 1293112
Amount: 0.991570
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 1289525
Amount: 0.987261
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:47:22
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

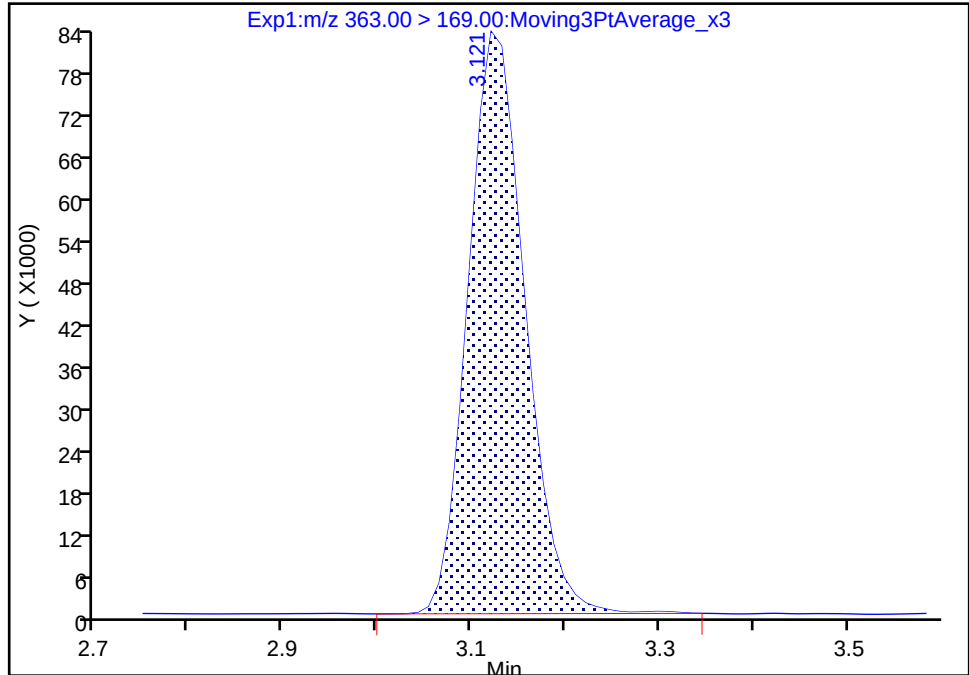
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Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

10 Perfluoroheptanoic acid, CAS: 375-85-9

Signal: 2

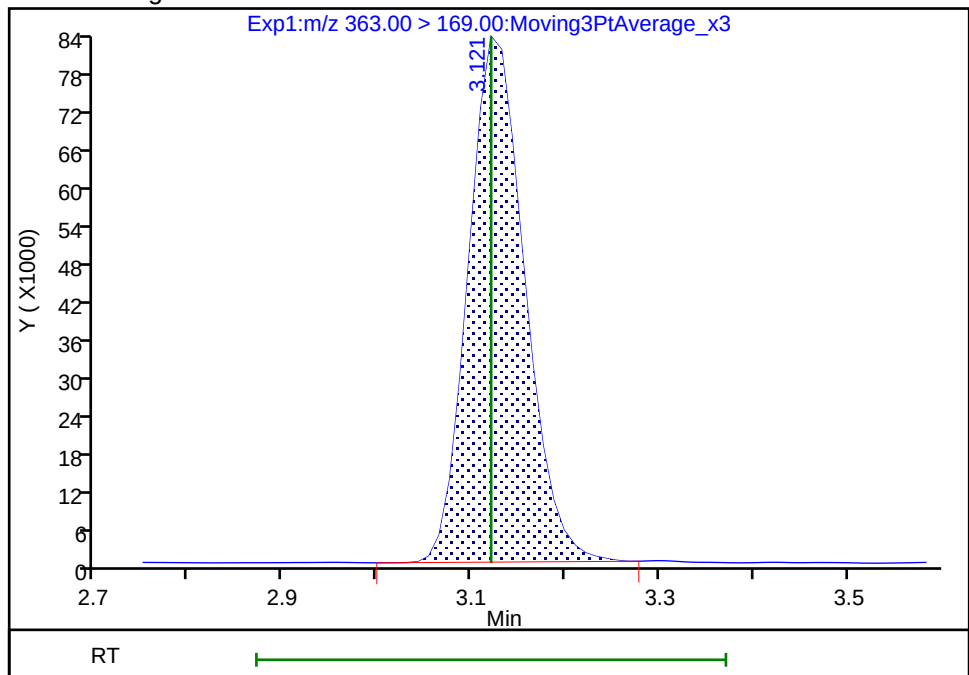
RT: 3.12
Area: 348331
Amount: 0.991570
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 346094
Amount: 0.987261
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:47:26

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

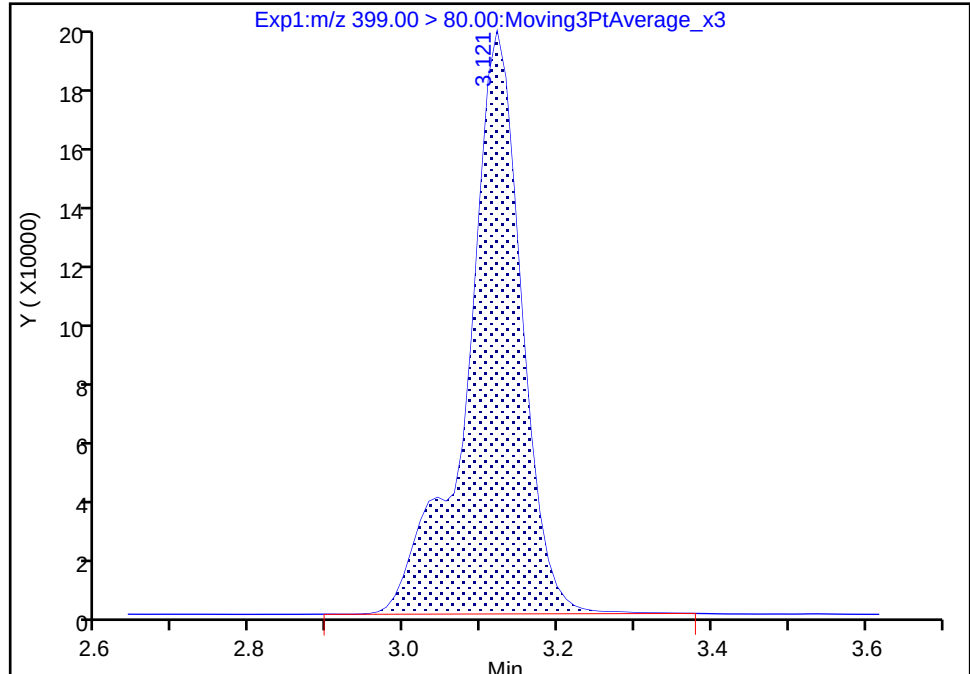
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 1

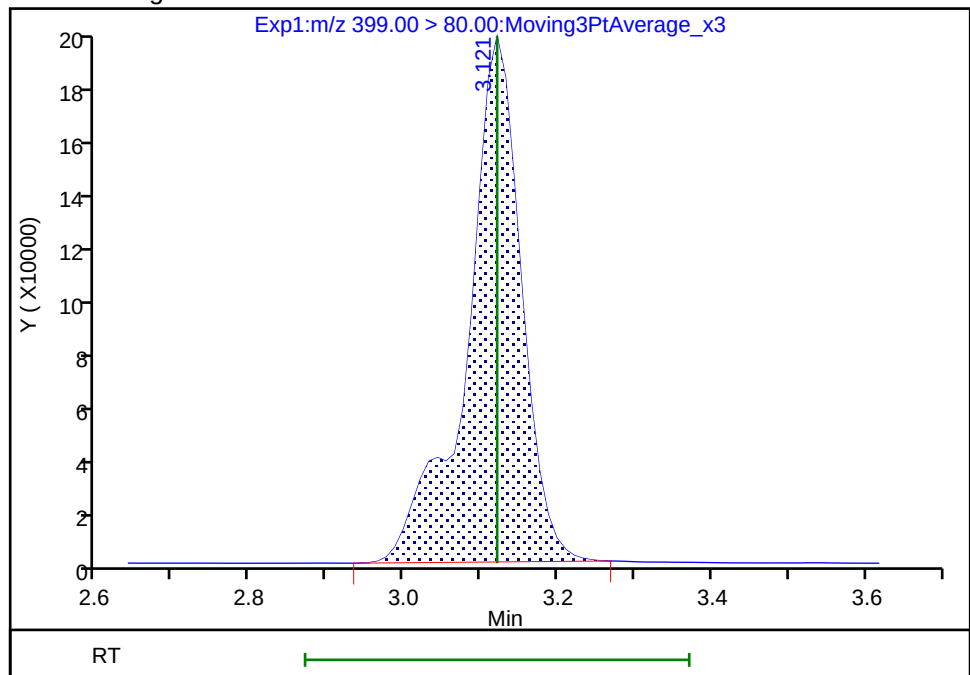
RT: 3.12
Area: 950604
Amount: 0.836981
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 943168
Amount: 0.842718
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:47:05
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

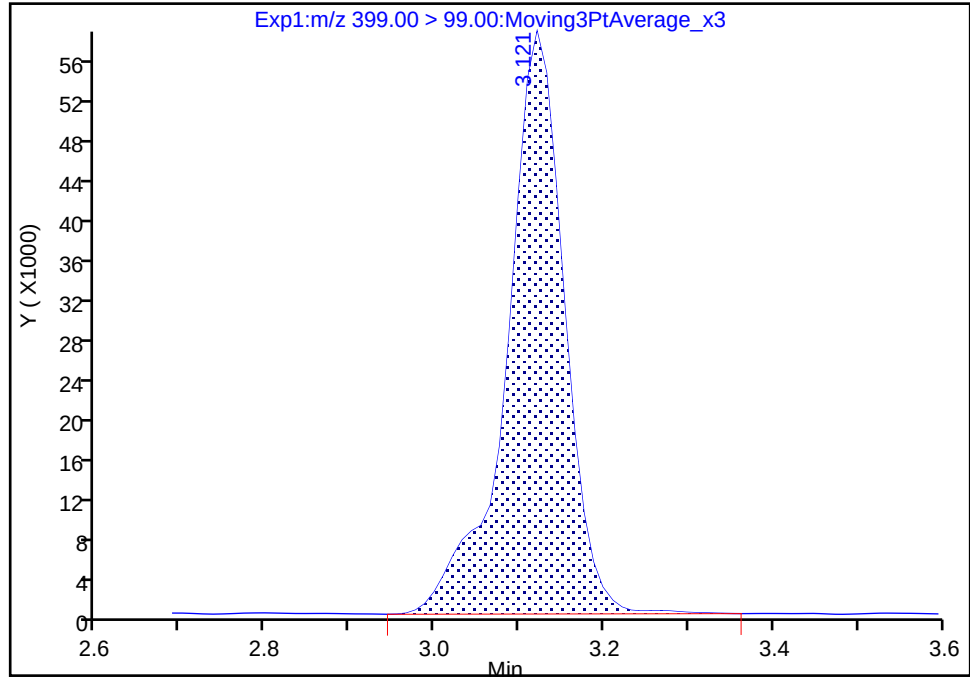
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 2

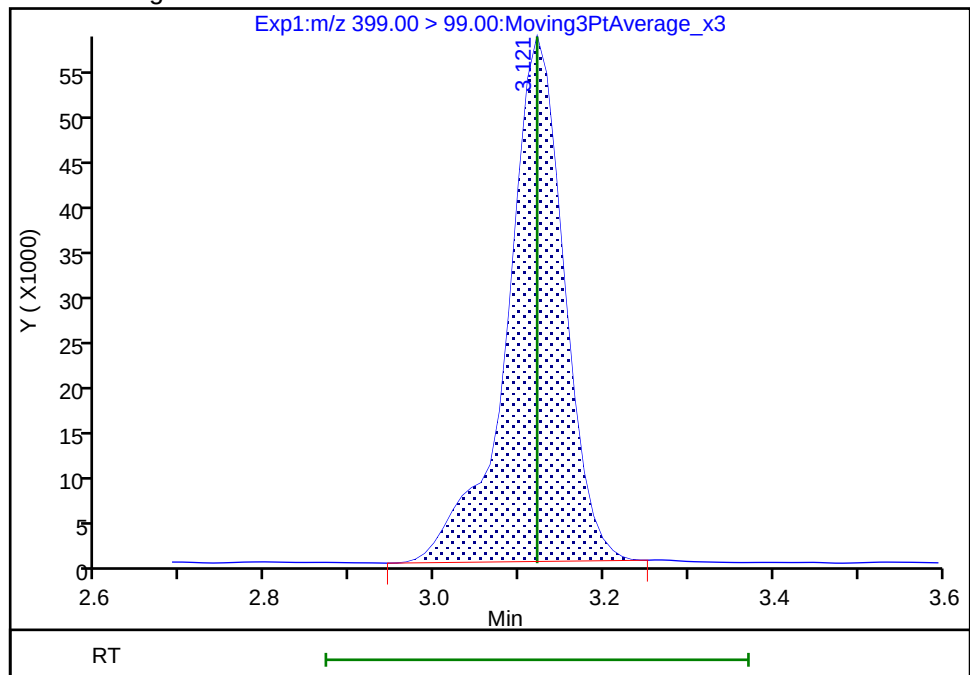
RT: 3.12
Area: 278112
Amount: 0.836981
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 274604
Amount: 0.842718
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:47:09

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

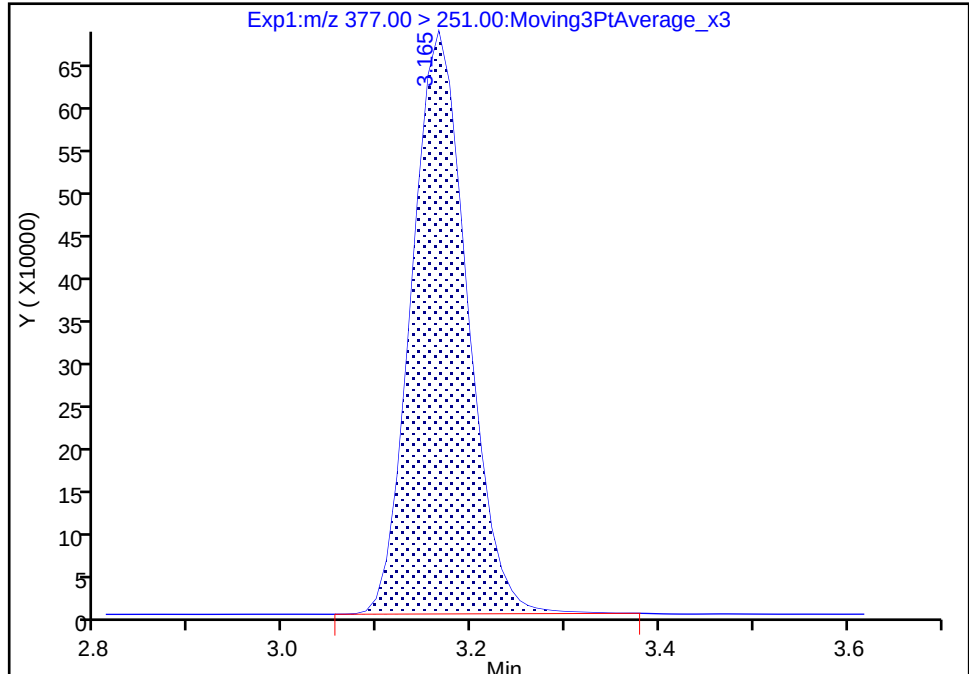
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

77 DONA, CAS: 919005-14-4

Signal: 1

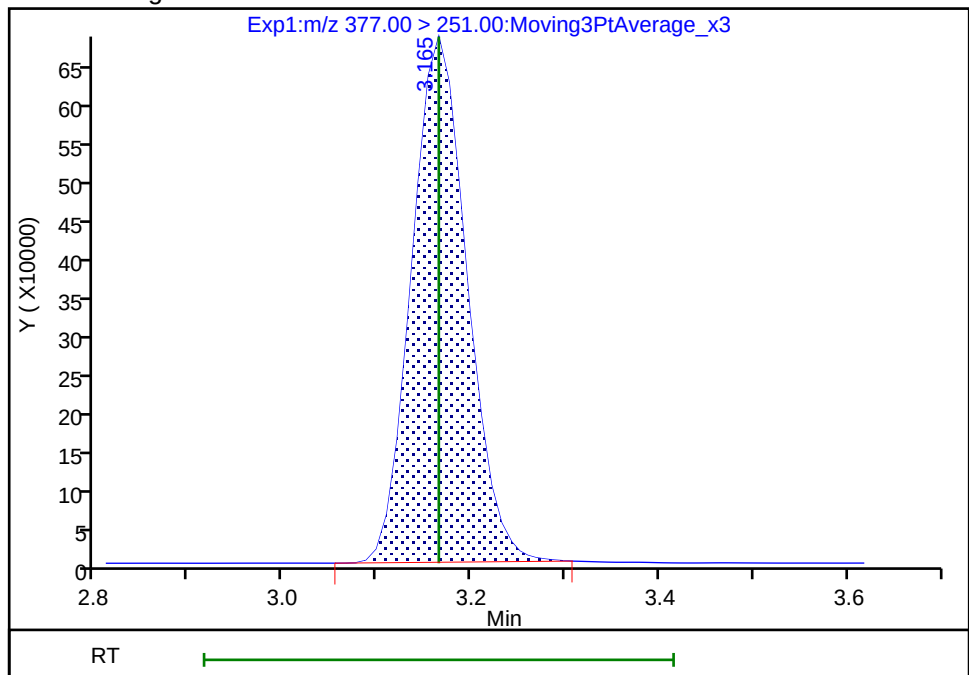
RT: 3.17
Area: 2829441
Amount: 0.996866
Amount Units: ng/ml

Processing Integration Results



RT: 3.17
Area: 2813092
Amount: 0.941062
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:47:34
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

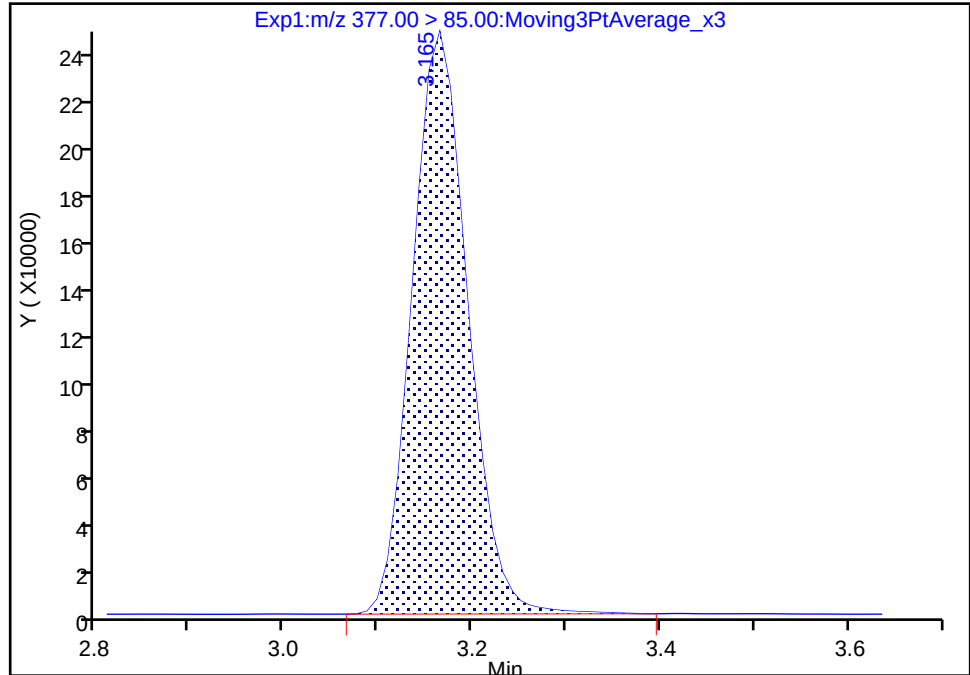
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

77 DONA, CAS: 919005-14-4

Signal: 2

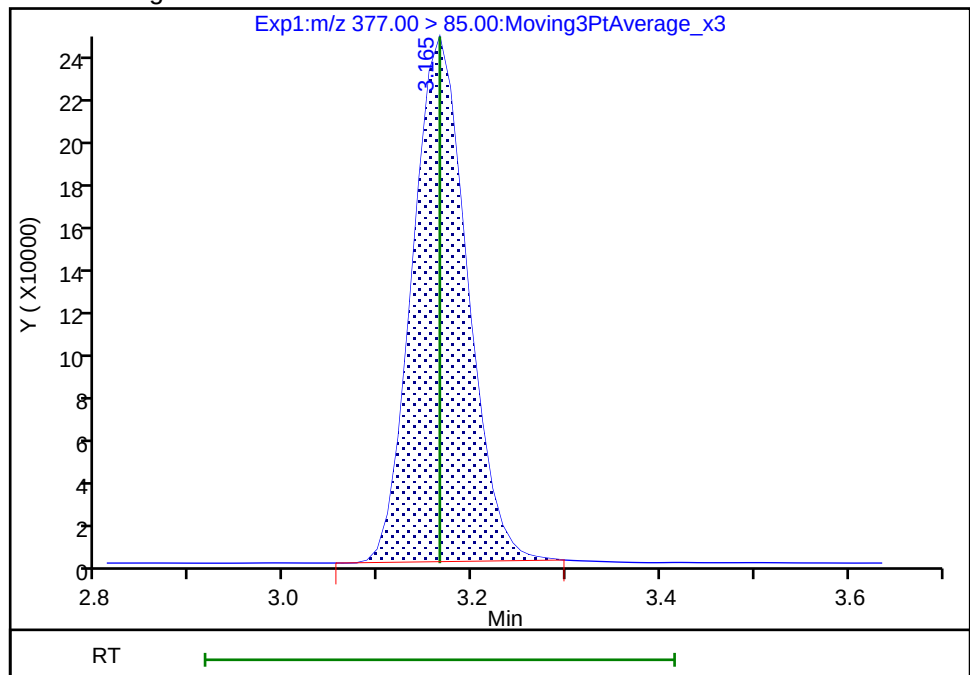
RT: 3.17
Area: 1004059
Amount: 0.996866
Amount Units: ng/ml

Processing Integration Results



RT: 3.17
Area: 991616
Amount: 0.941062
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:47:39

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

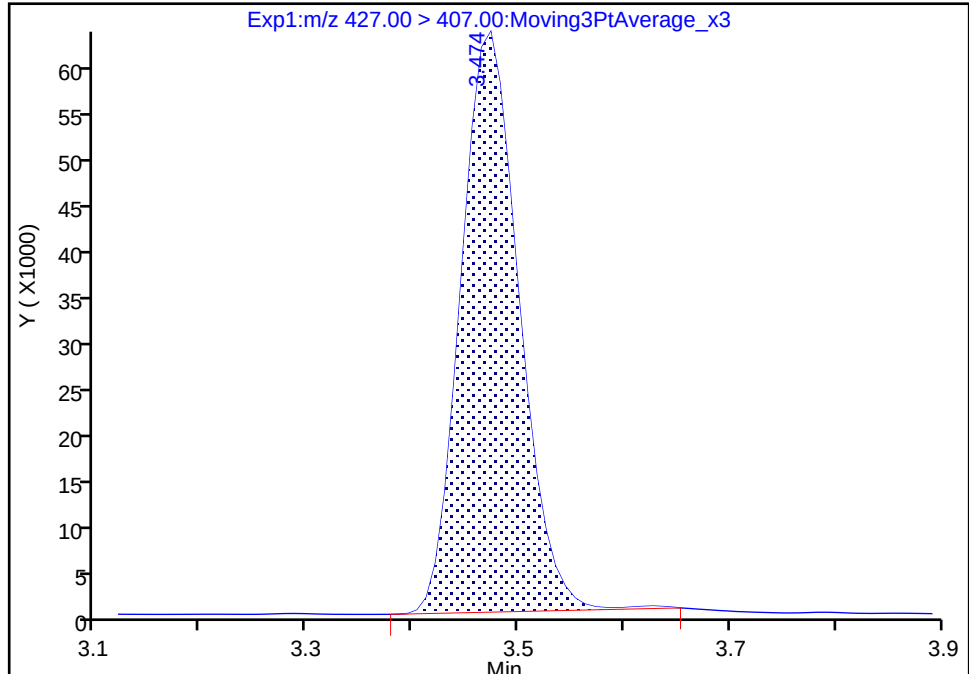
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

13 1H,1H,2H,2H-perfluorooctanesulfo, CAS: 27619-97-2

Signal: 1

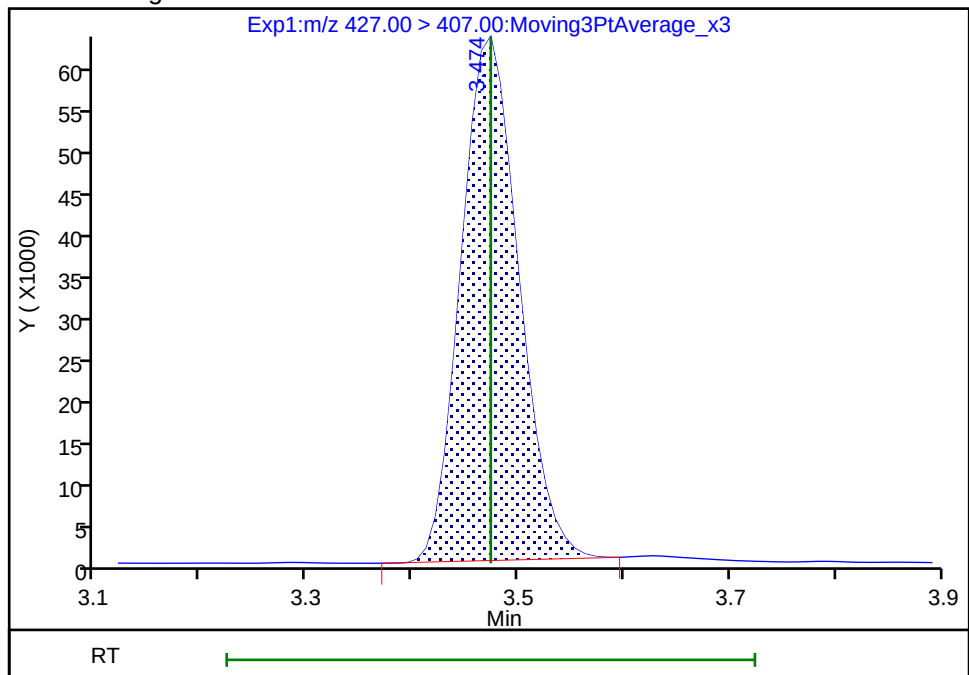
RT: 3.47
Area: 240740
Amount: 0.906039
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 238899
Amount: 0.941783
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:47:56
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

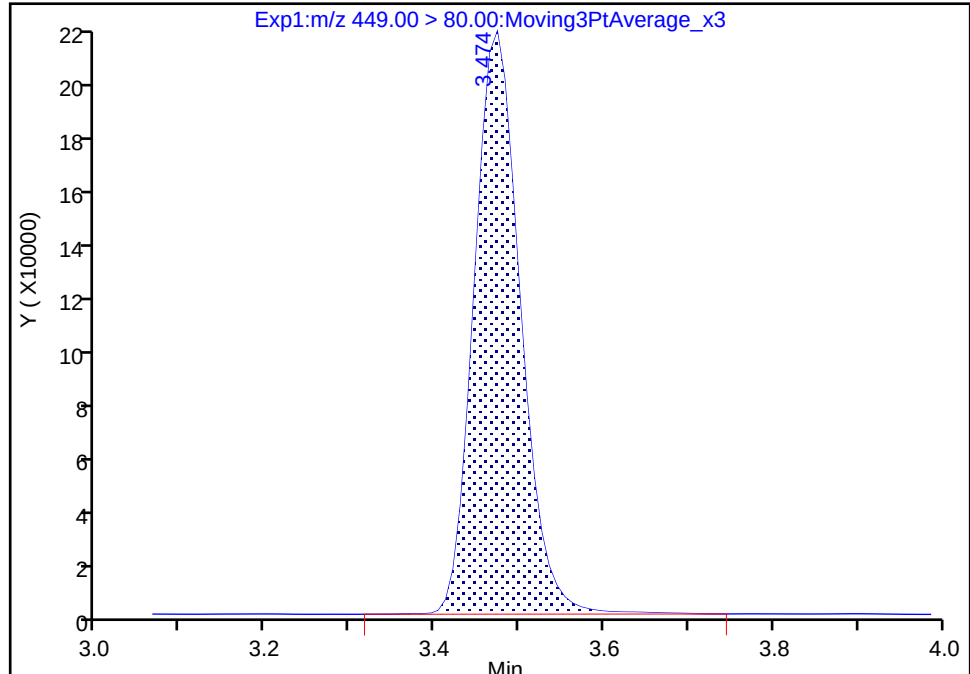
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

16 Perfluoroheptanesulfonic acid, CAS: 375-92-8

Signal: 1

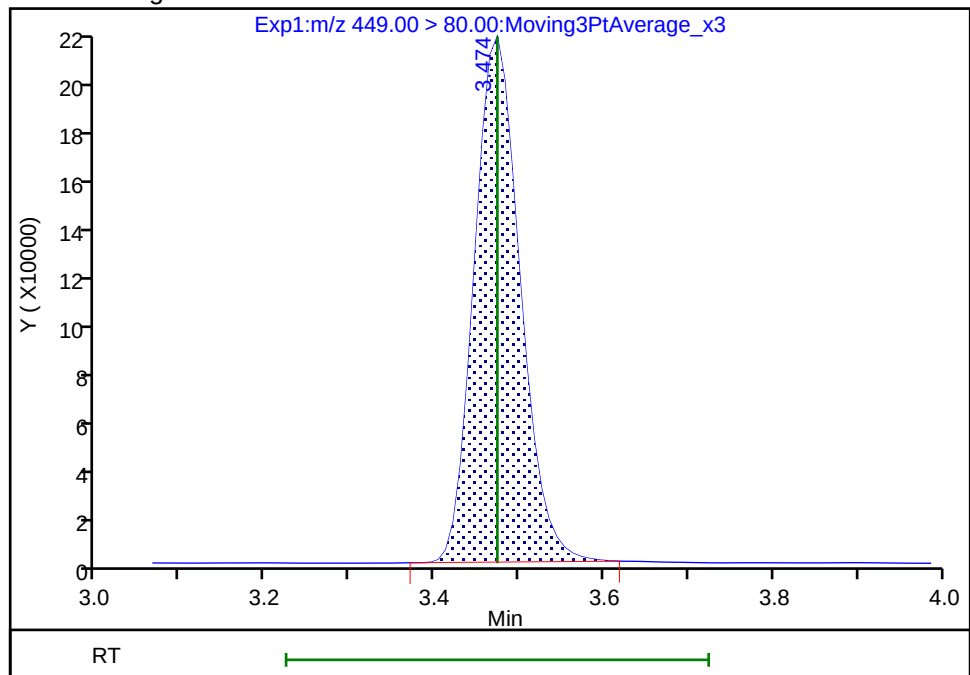
RT: 3.47
Area: 831292
Amount: 0.919262
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 822025
Amount: 0.916355
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:47:46
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

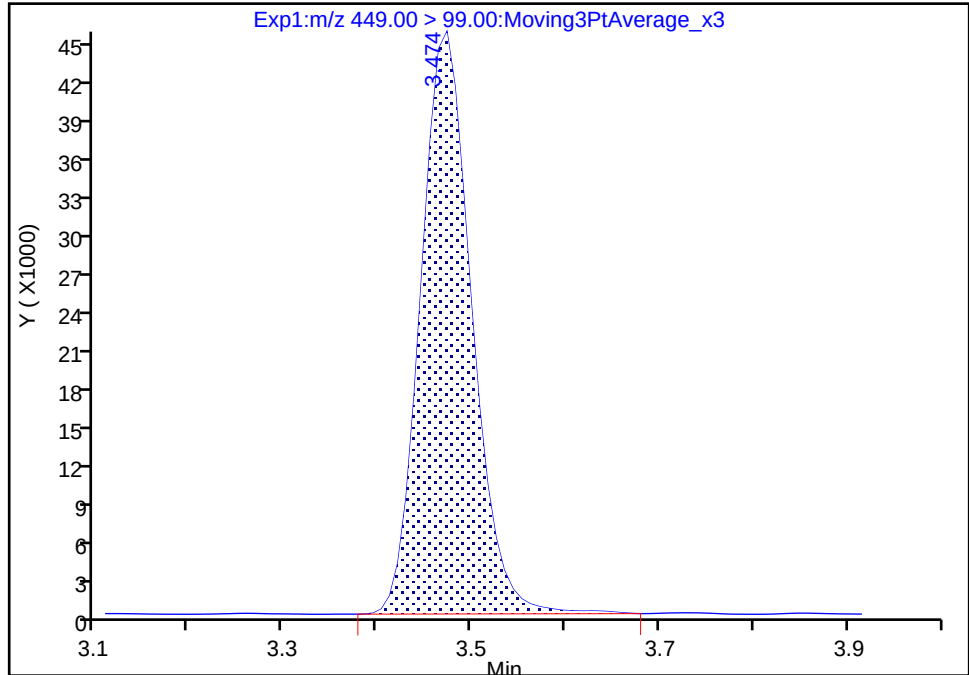
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

16 Perfluoroheptanesulfonic acid, CAS: 375-92-8

Signal: 2

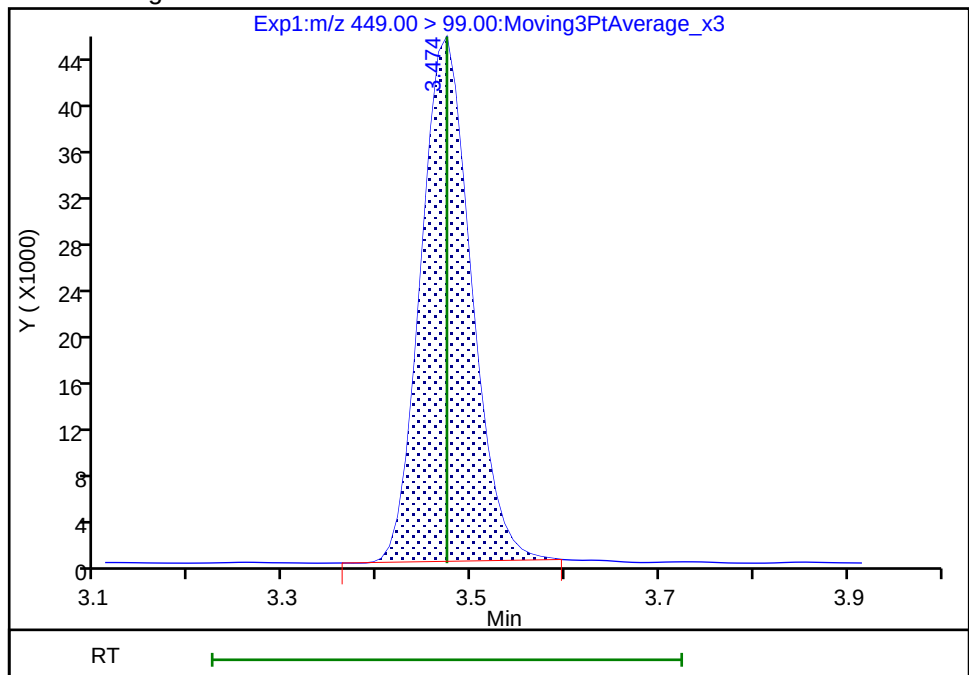
RT: 3.47
Area: 170957
Amount: 0.919262
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 168205
Amount: 0.916355
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:47:50

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

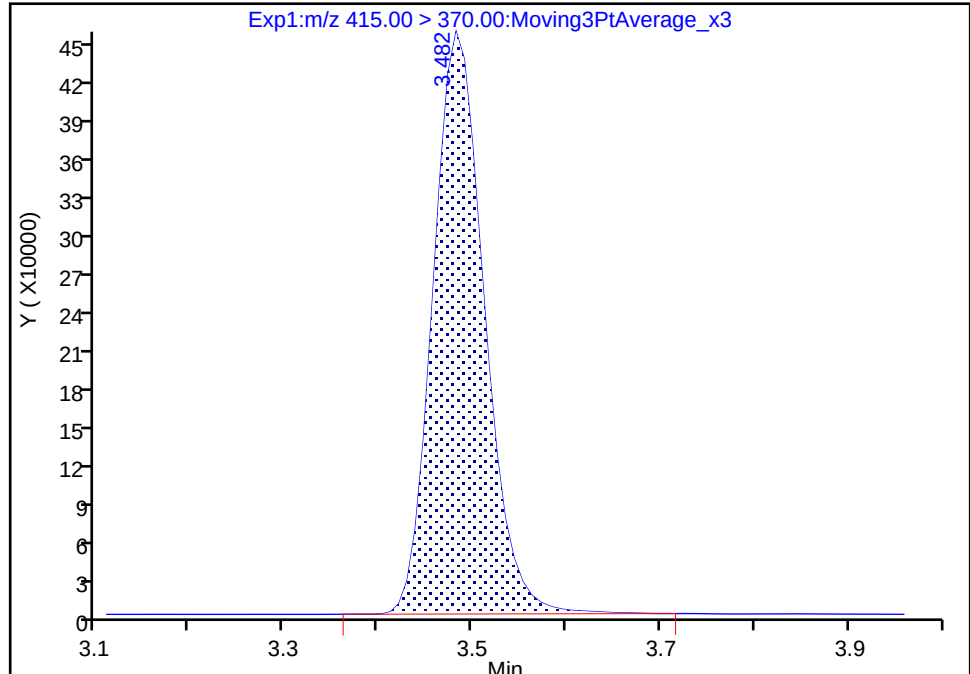
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

* 62 13C2 PFOA, CAS: STL00623

Signal: 1

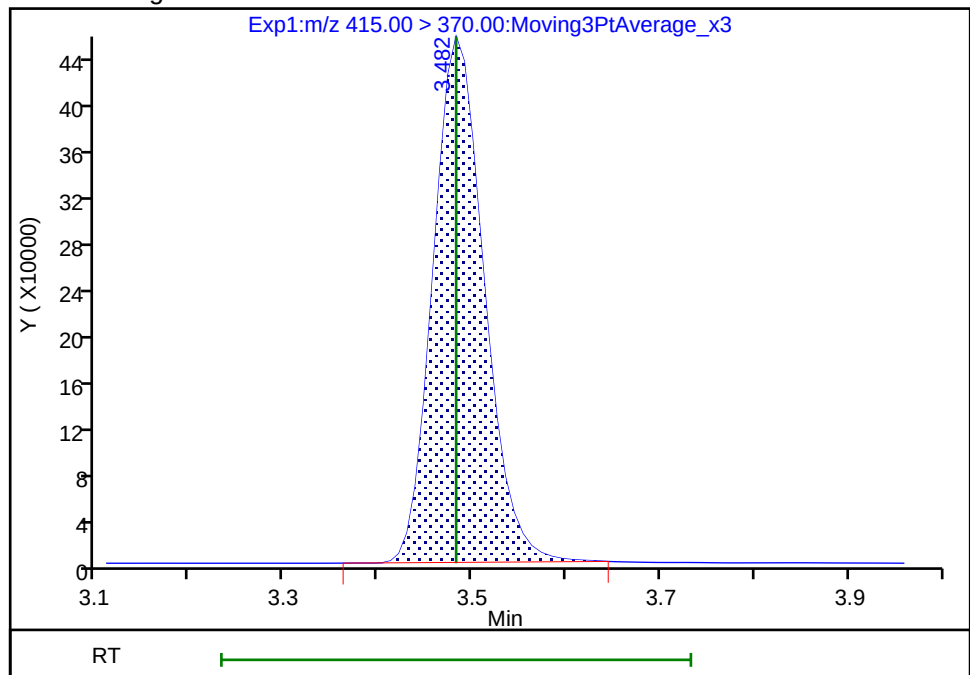
RT: 3.48
Area: 1737509
Amount: 1.250000
Amount Units: ng/ml

Processing Integration Results



RT: 3.48
Area: 1727269
Amount: 1.250000
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:48:01
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

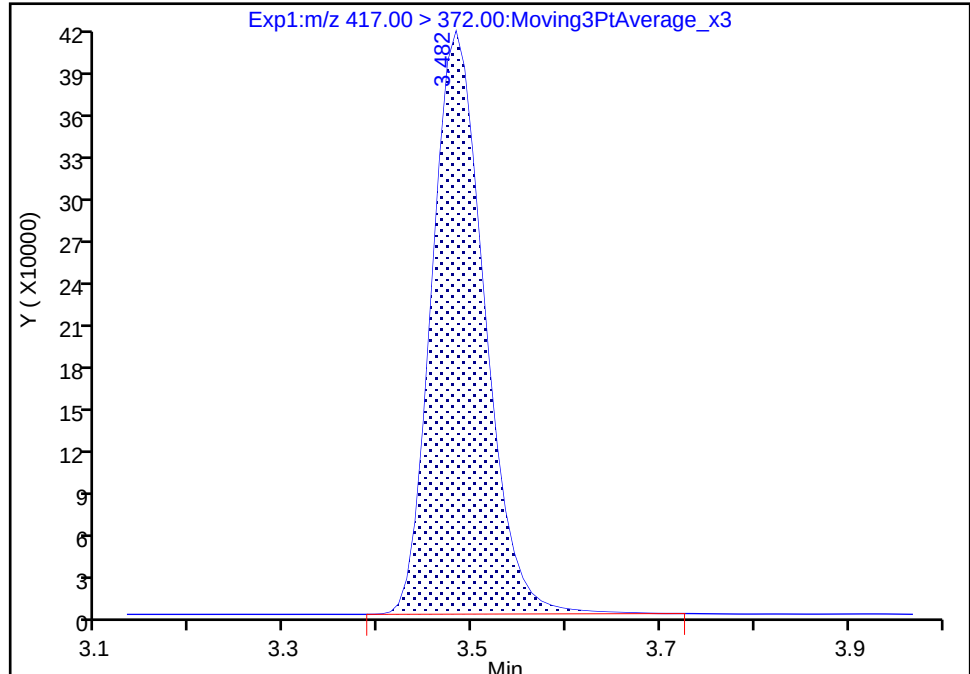
Data File:	\\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d		
Injection Date:	03-Aug-2022 13:24:49	Instrument ID:	LC812
Lims ID:	ICIS		
Client ID:			
Operator ID:	lc812tech	ALS Bottle#:	5 Worklist Smp#: 8
Injection Vol:	20.0 ul	Dil. Factor:	1.0000
Method:	PFC_LC812	Limit Group:	LC_PFC_ICAL
Column:	C-18 (4.60 mm)	Detector	EXP1

D 14 13C4 PFOA, CAS: STL00990

Signal: 1

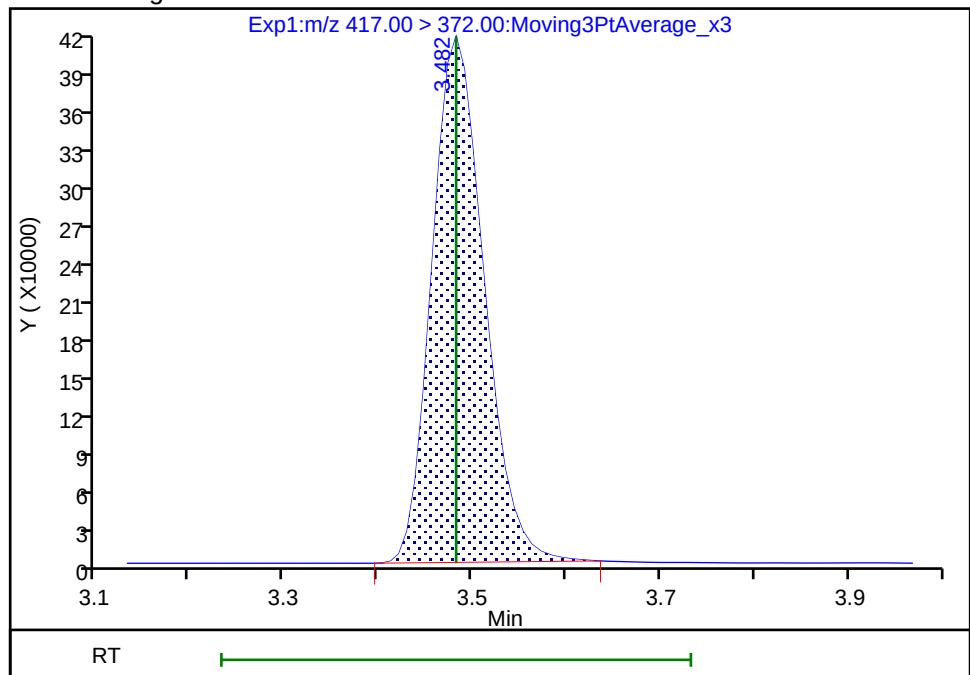
RT: 3.48
Area: 1626515
Amount: 1.238112
Amount Units: ng/ml

Processing Integration Results



RT: 3.48
Area: 1613787
Amount: 1.226077
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:48:09

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

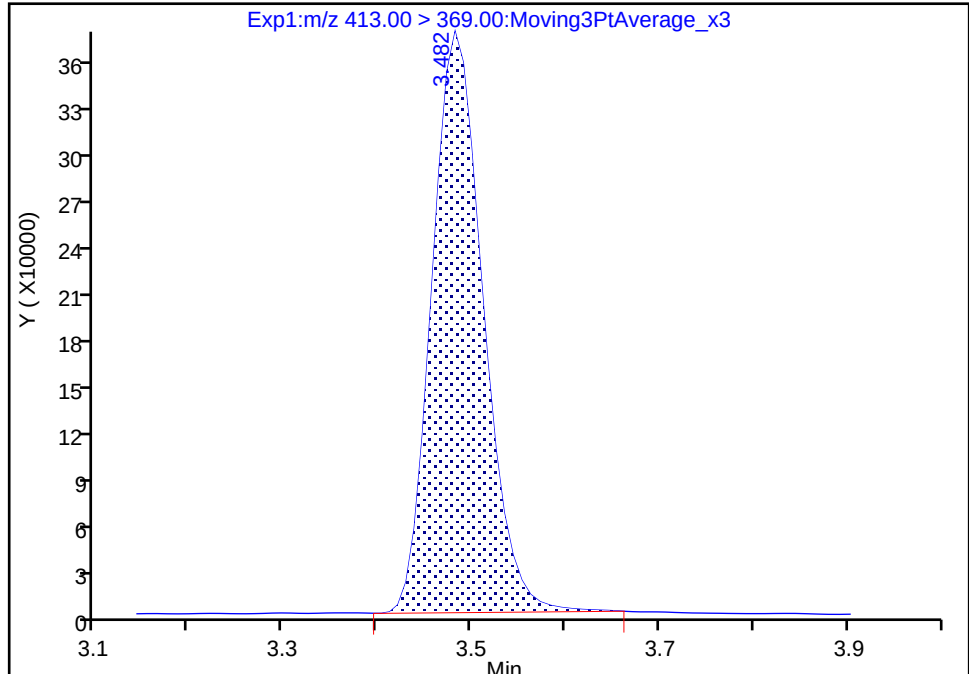
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 1

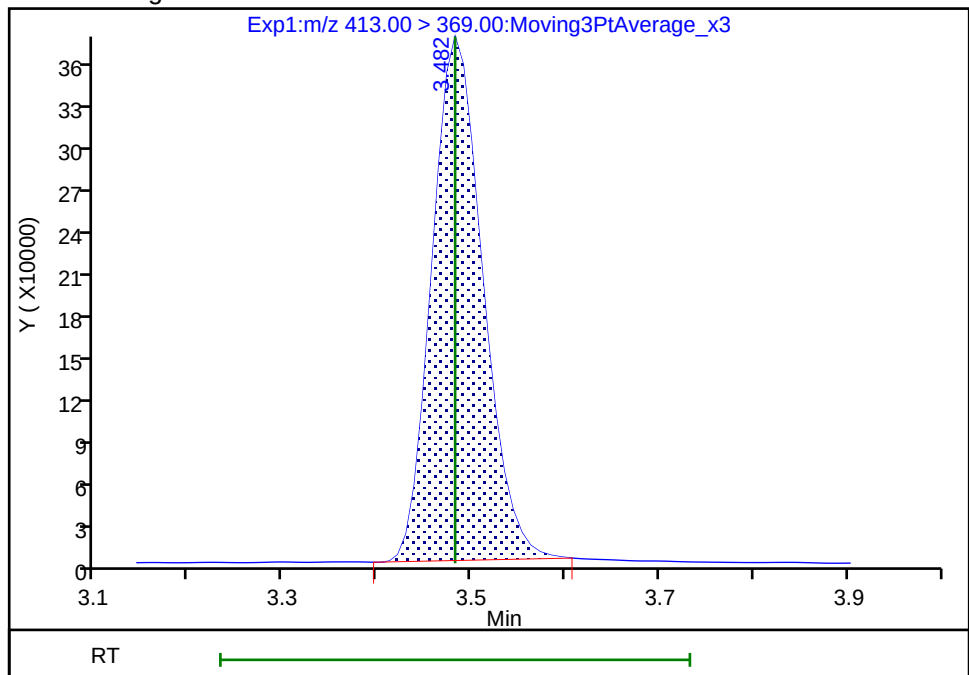
RT: 3.48
Area: 1424061
Amount: 0.971907
Amount Units: ng/ml

Processing Integration Results



RT: 3.48
Area: 1407860
Amount: 0.972441
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:48:13
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

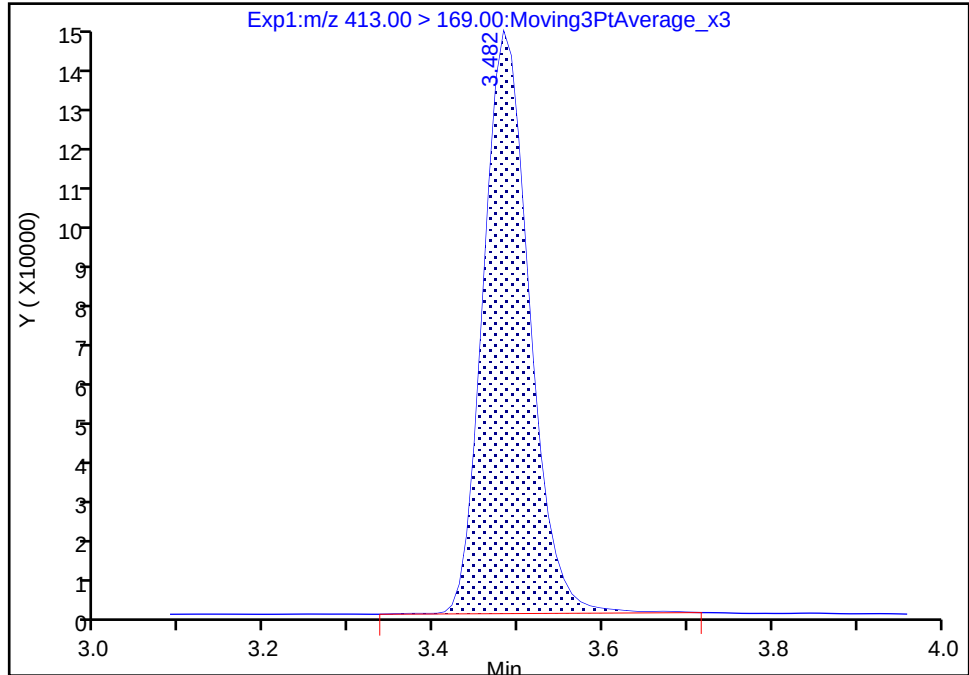
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 2

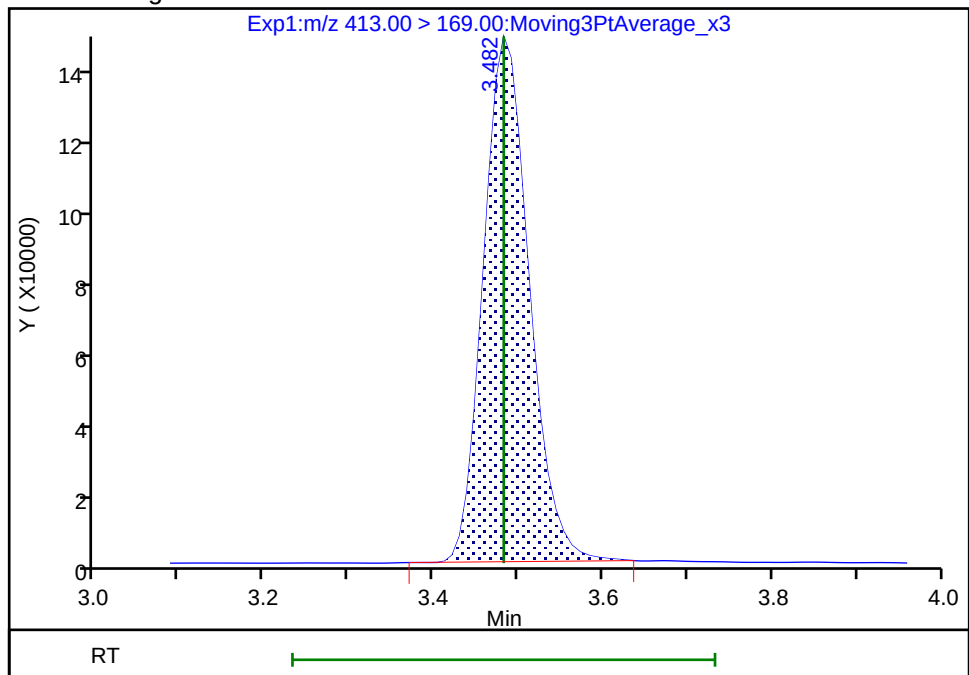
RT: 3.48
Area: 531711
Amount: 0.971907
Amount Units: ng/ml

Processing Integration Results



RT: 3.48
Area: 526635
Amount: 0.972441
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:48:17

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

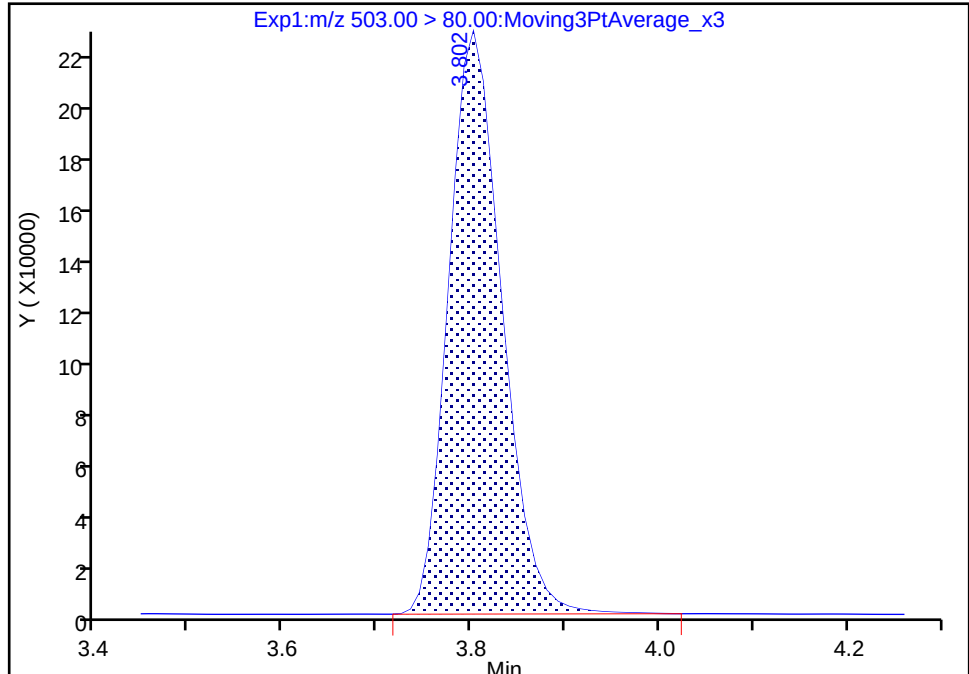
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 18 13C4 PFOS, CAS: STL00991

Signal: 1

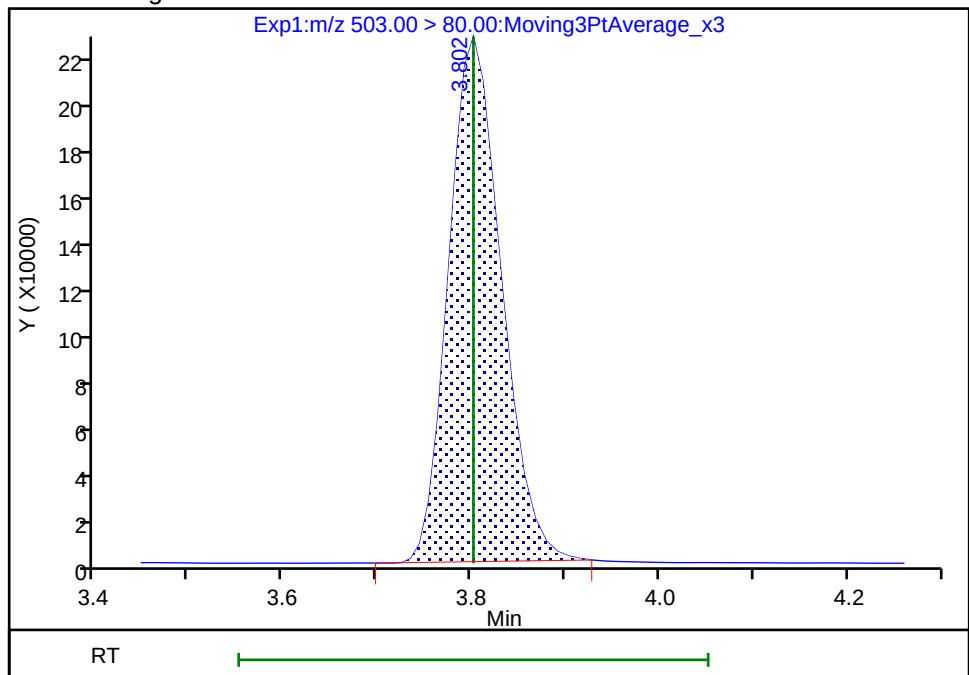
RT: 3.80
Area: 877992
Amount: 1.046293
Amount Units: ng/ml

Processing Integration Results



RT: 3.80
Area: 867294
Amount: 1.150672
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:48:23
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

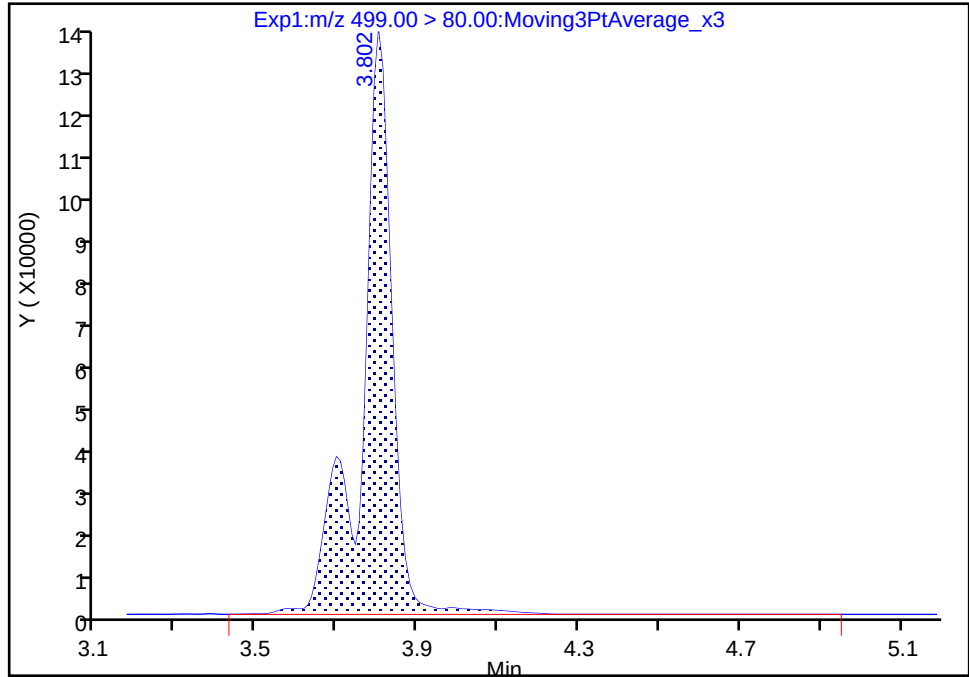
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 1

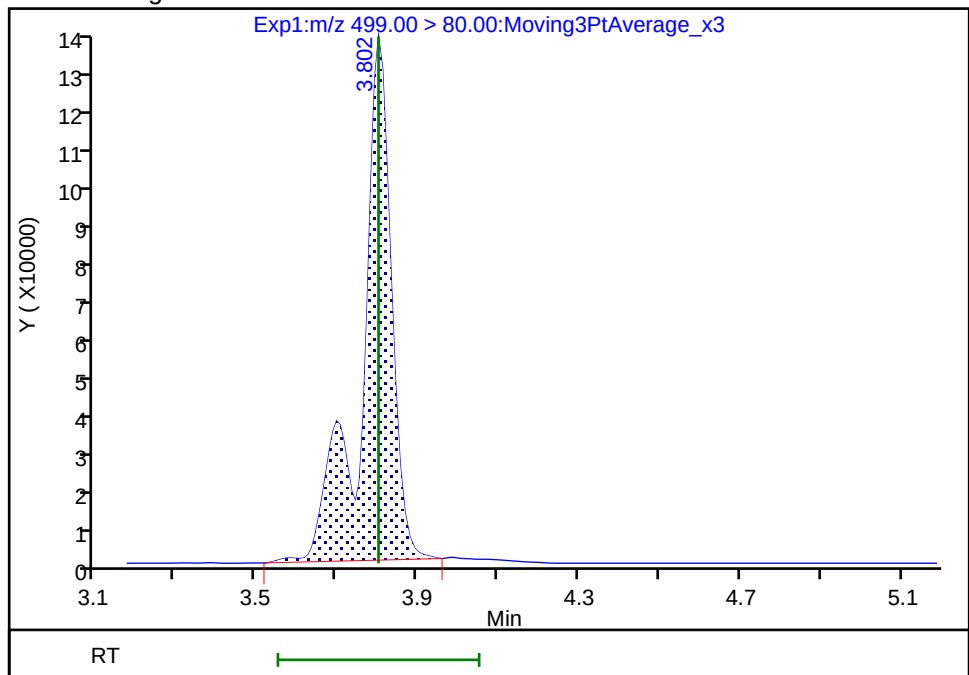
RT: 3.80
Area: 712901
Amount: 0.877996
Amount Units: ng/ml

Processing Integration Results



RT: 3.80
Area: 683046
Amount: 0.927442
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:48:28
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

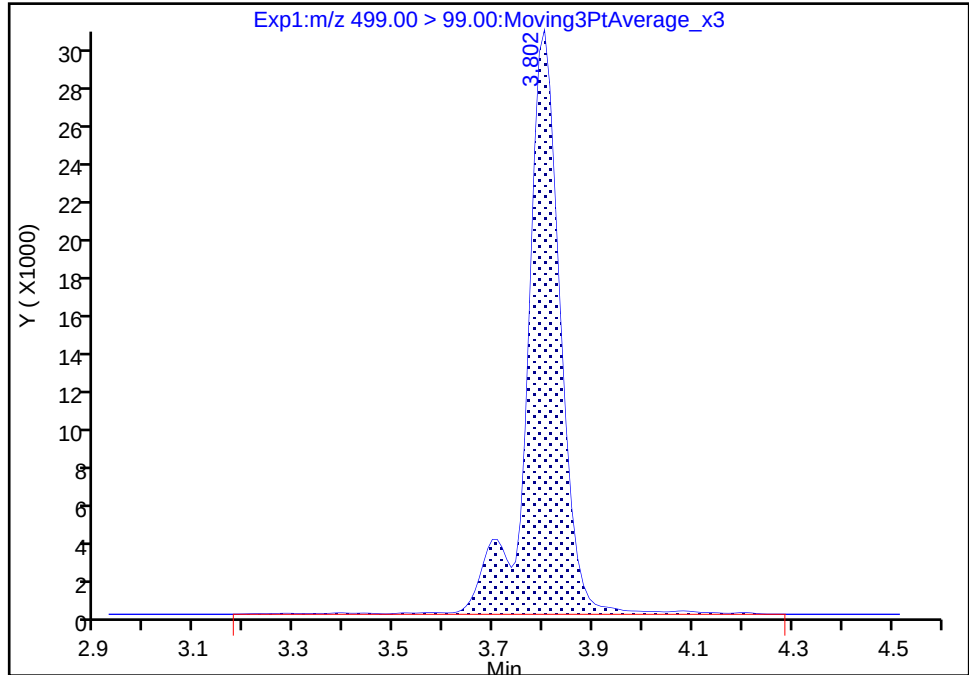
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 2

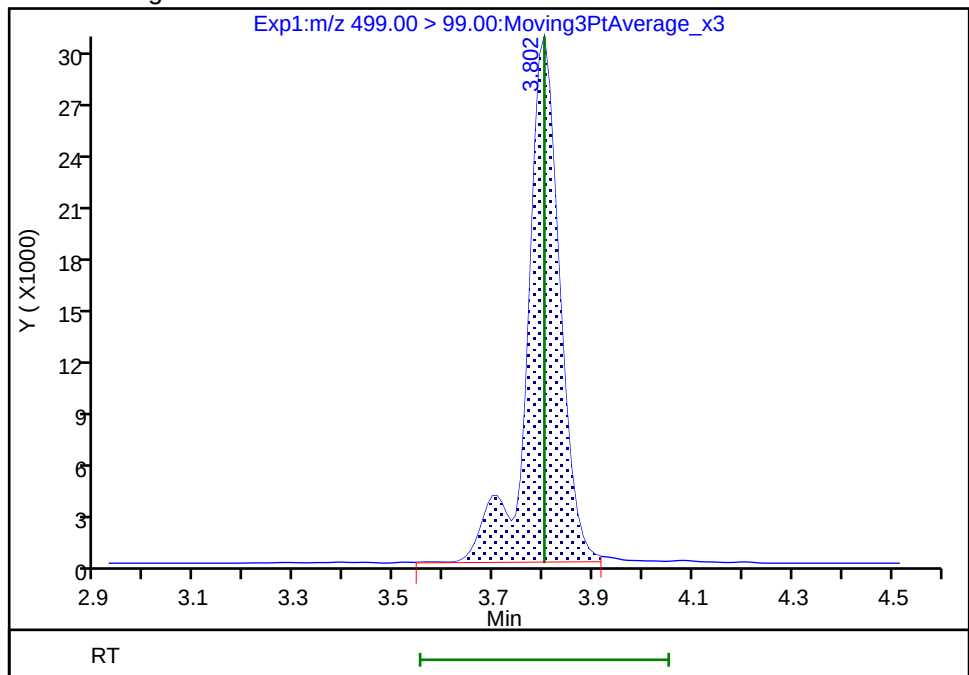
RT: 3.80
Area: 144270
Amount: 0.877996
Amount Units: ng/ml

Processing Integration Results



RT: 3.80
Area: 139901
Amount: 0.927442
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:48:43

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

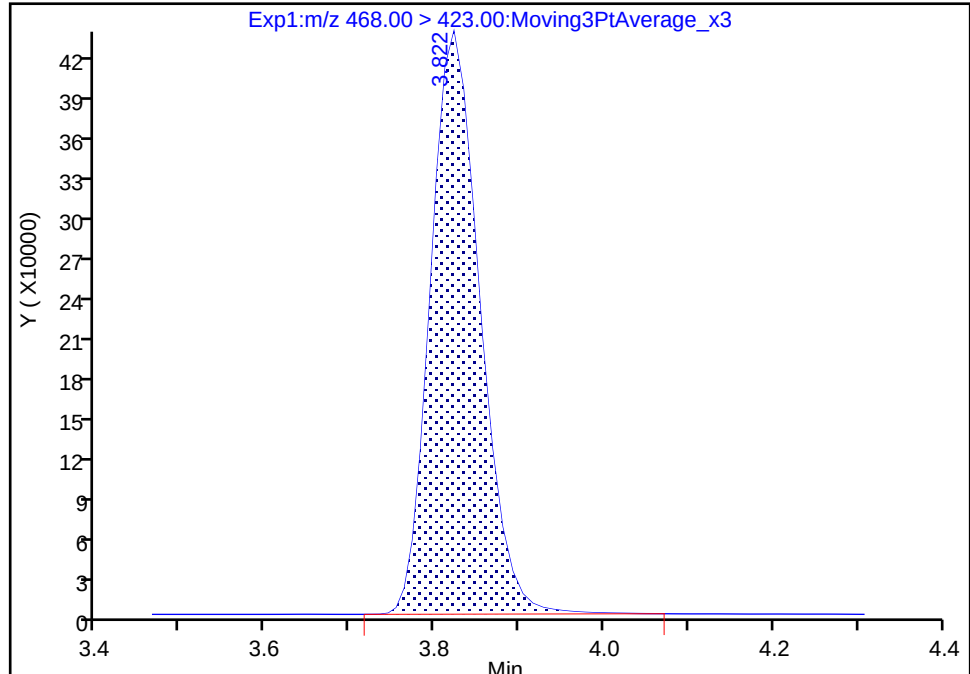
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 19 13C5 PFNA, CAS: STL00995

Signal: 1

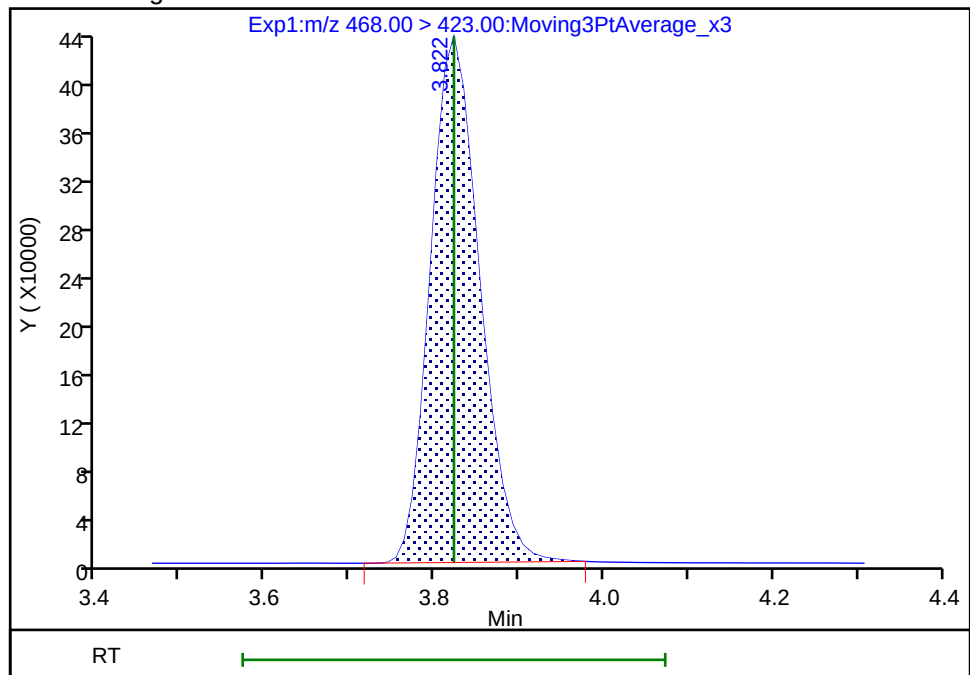
RT: 3.82
Area: 1754240
Amount: 1.262437
Amount Units: ng/ml

Processing Integration Results



RT: 3.82
Area: 1743026
Amount: 1.275568
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:48:51
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

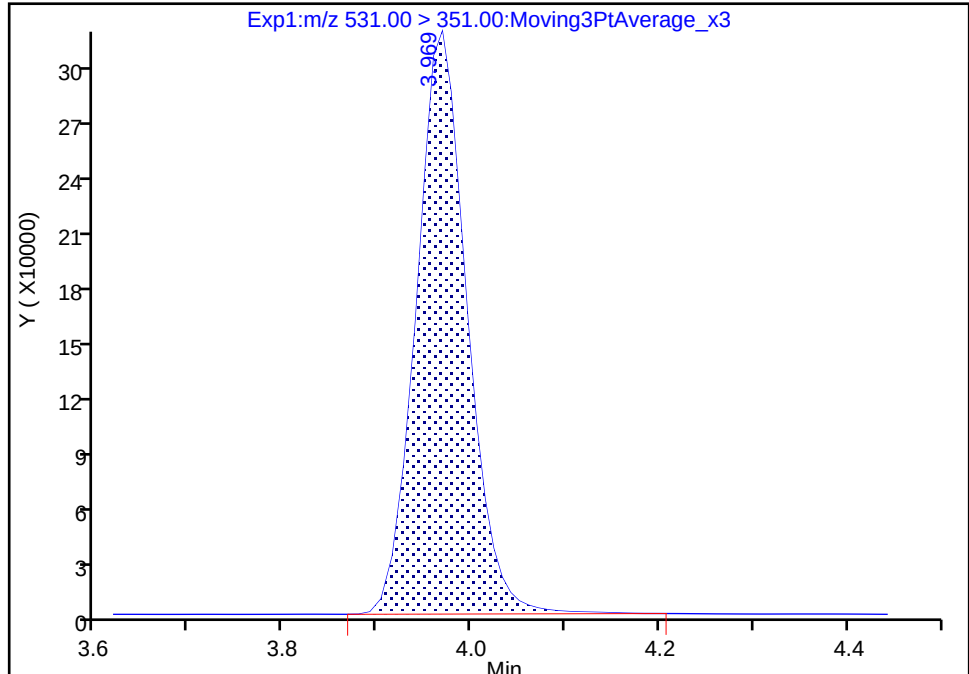
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

69 9-Chlorohexadecafluoro-3-oxanona, CAS: 756426-58-1

Signal: 1

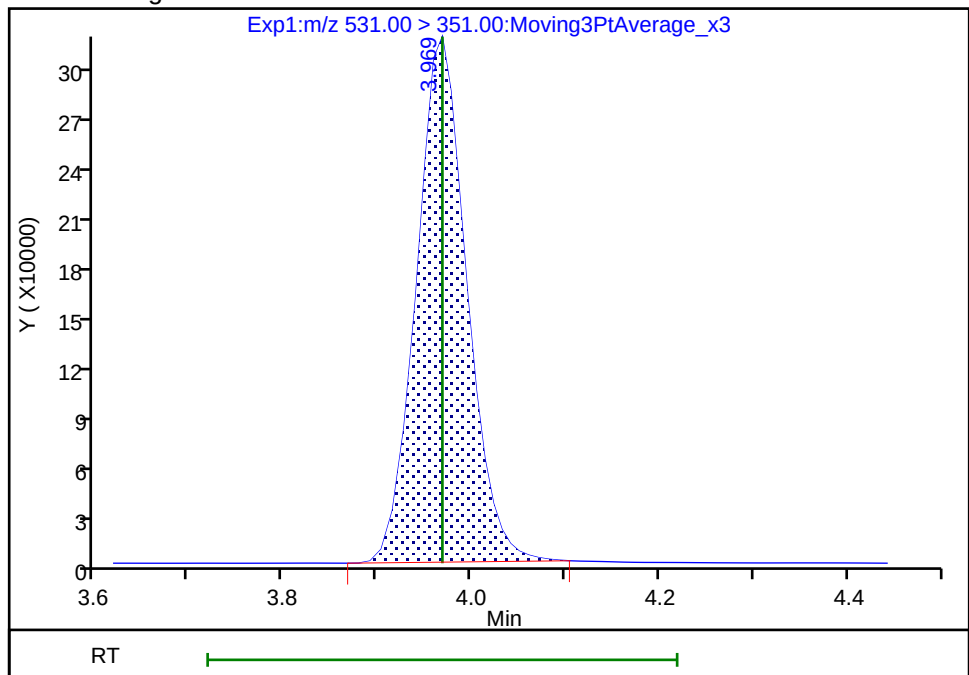
RT: 3.97
Area: 1192706
Amount: 0.913809
Amount Units: ng/ml

Processing Integration Results



RT: 3.97
Area: 1181613
Amount: 0.921644
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:48:56
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

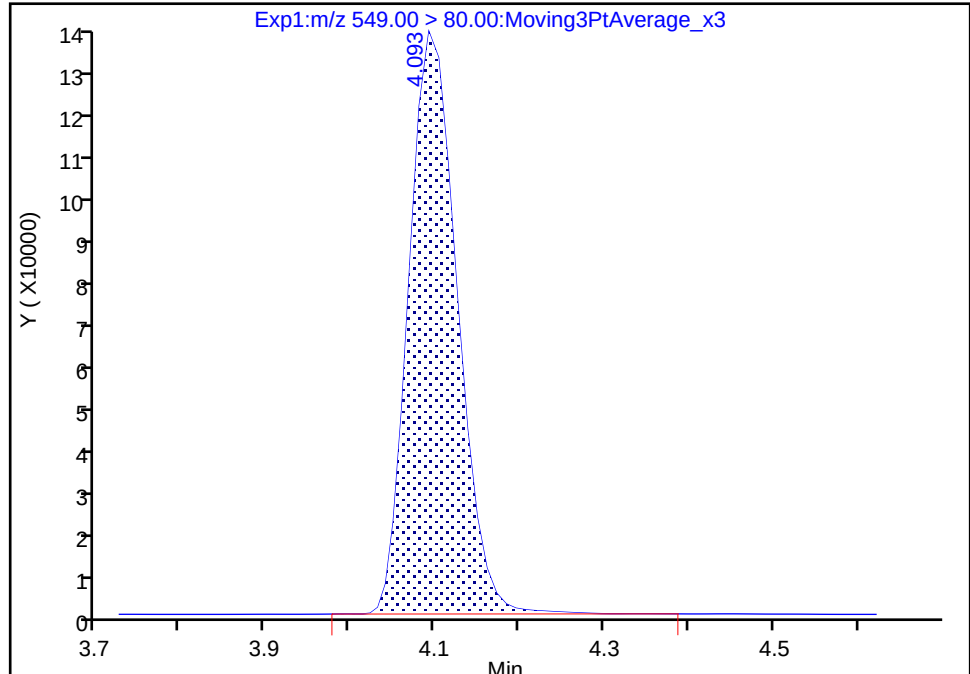
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

68 Perfluoronanesulfonic acid, CAS: 68259-12-1

Signal: 1

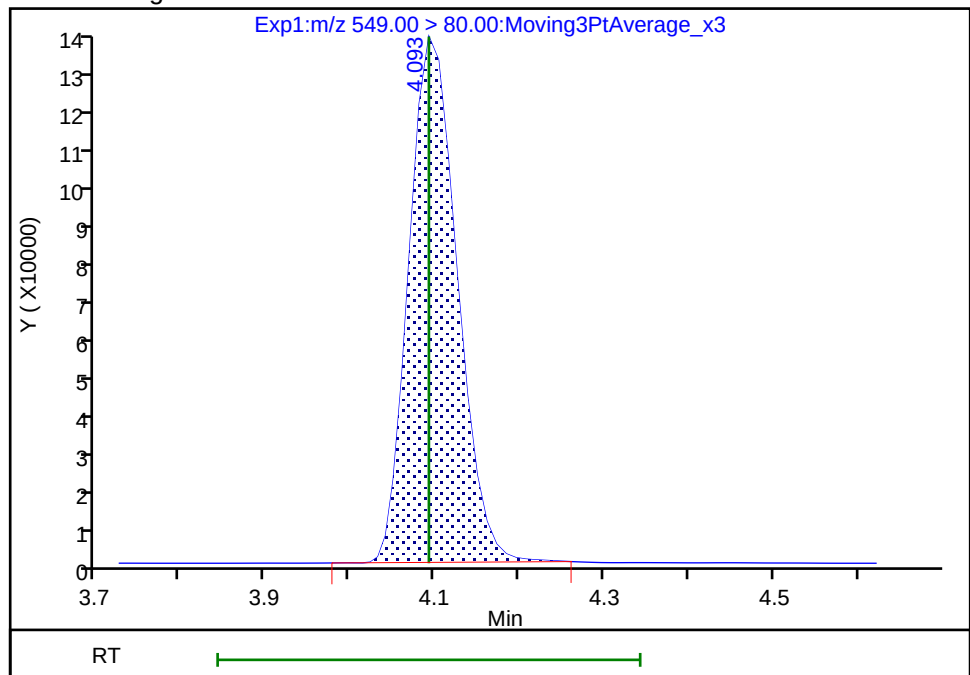
RT: 4.09
Area: 536415
Amount: 0.936174
Amount Units: ng/ml

Processing Integration Results



RT: 4.09
Area: 533126
Amount: 0.938175
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:49:02
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

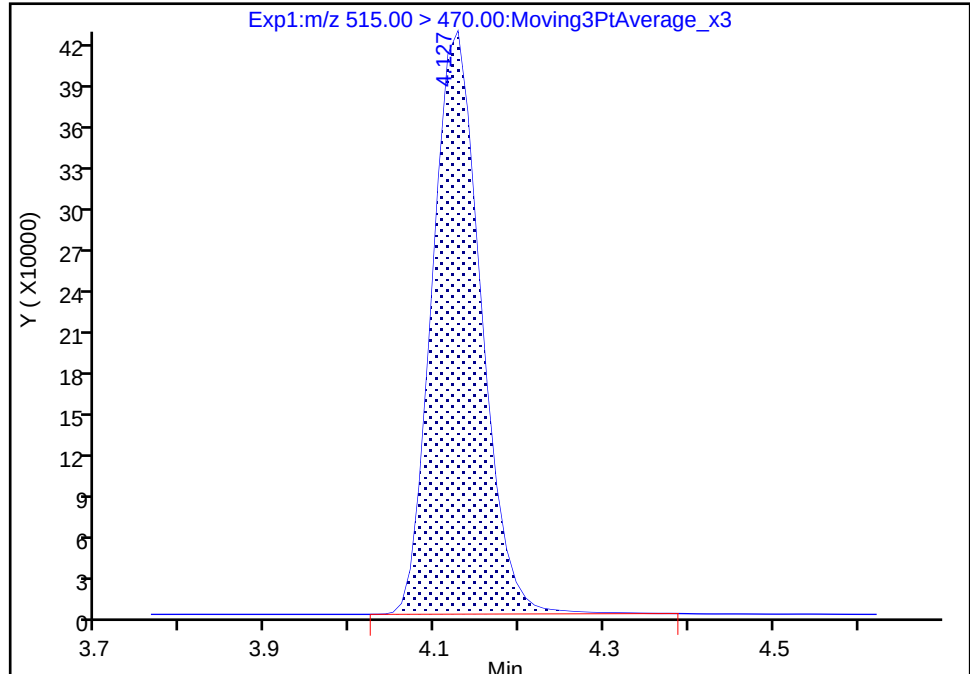
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 23 13C2 PFDA, CAS: STL00996

Signal: 1

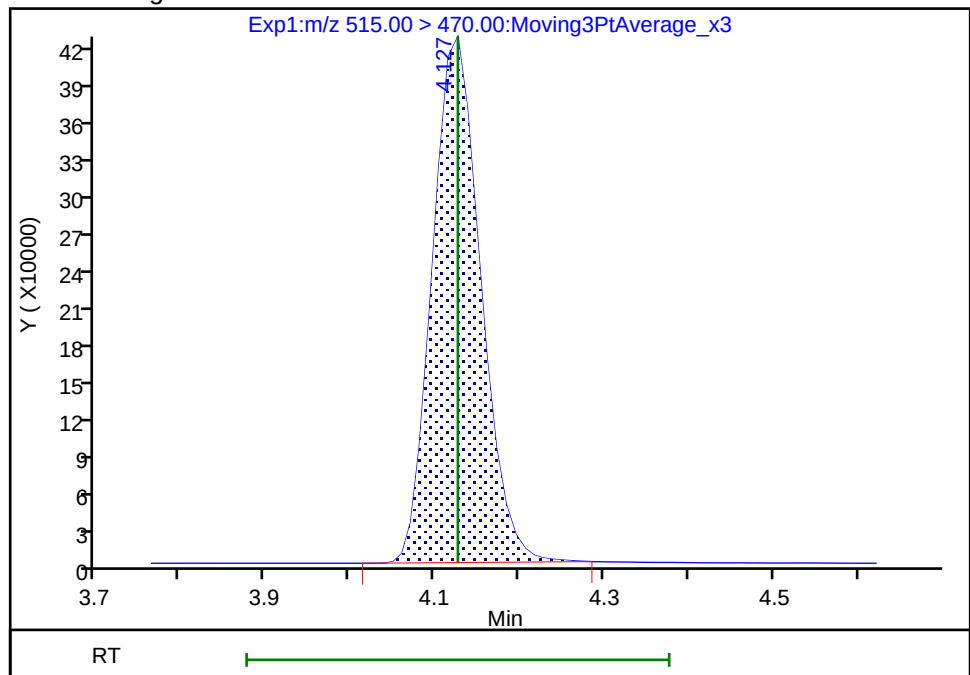
RT: 4.13
Area: 1684120
Amount: 1.254981
Amount Units: ng/ml

Processing Integration Results



RT: 4.13
Area: 1674653
Amount: 1.259235
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:49:08
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

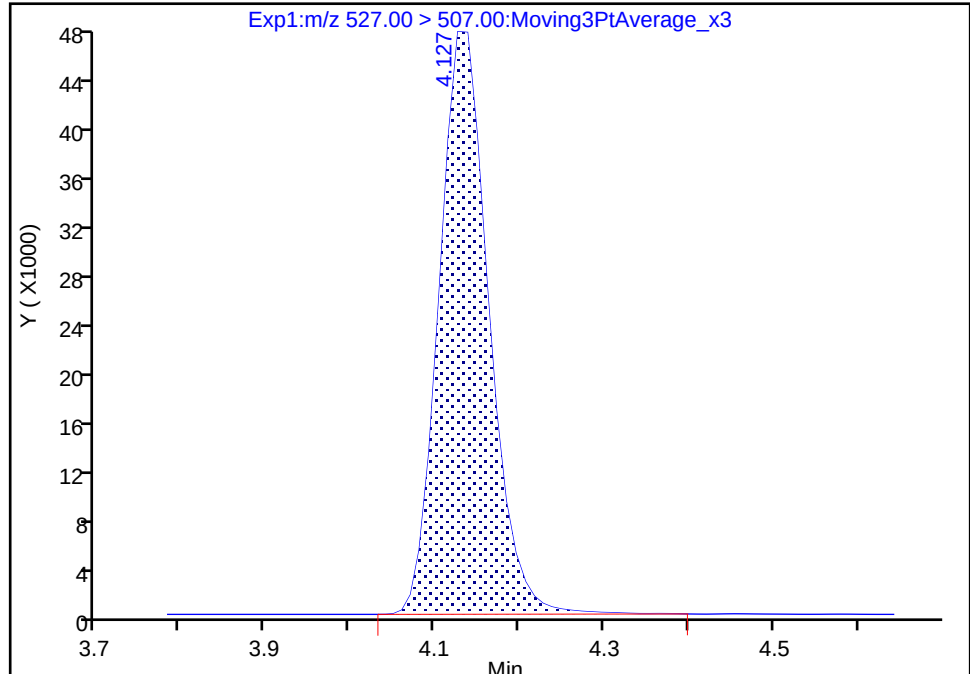
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

25 1H,1H,2H,2H-perfluorodecanesulfo, CAS: 39108-34-4

Signal: 1

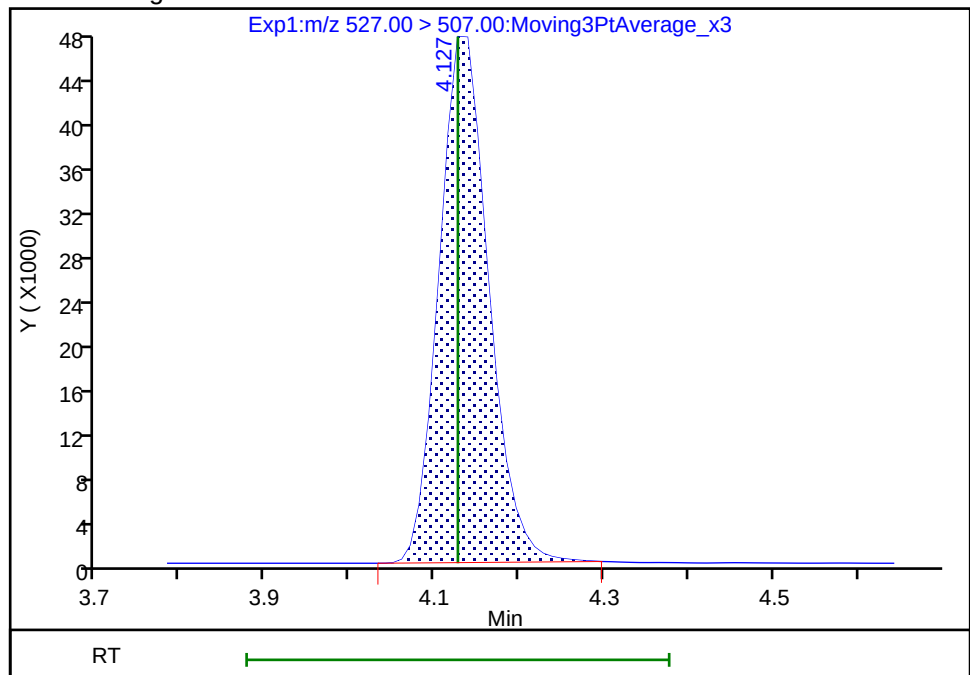
RT: 4.13
Area: 195632
Amount: 0.962052
Amount Units: ng/ml

Processing Integration Results



RT: 4.13
Area: 194268
Amount: 1.001467
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:49:26
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

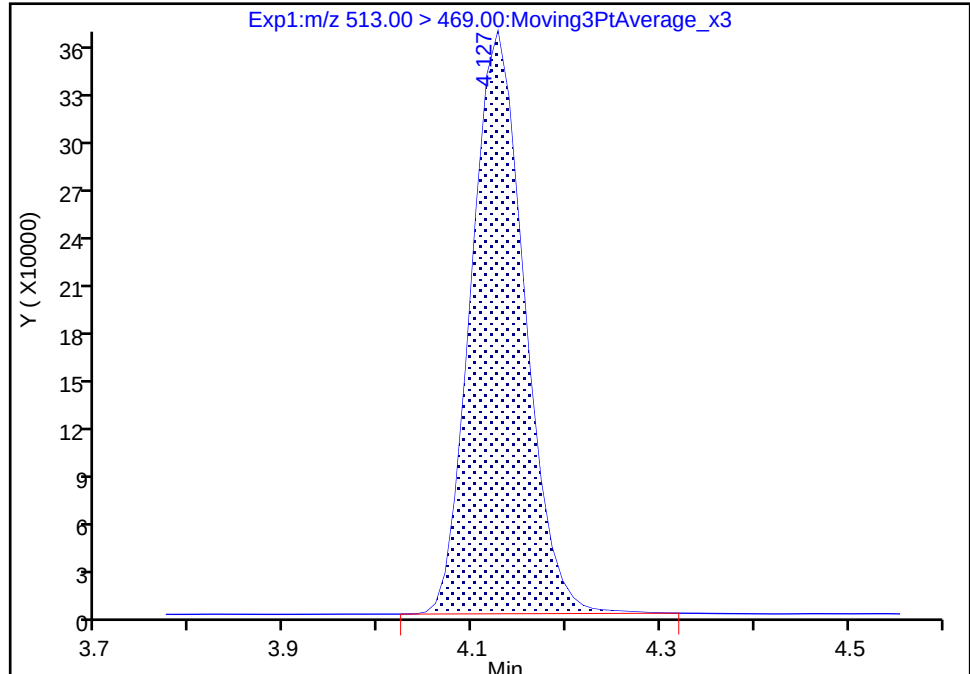
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

24 Perfluorodecanoic acid, CAS: 335-76-2

Signal: 1

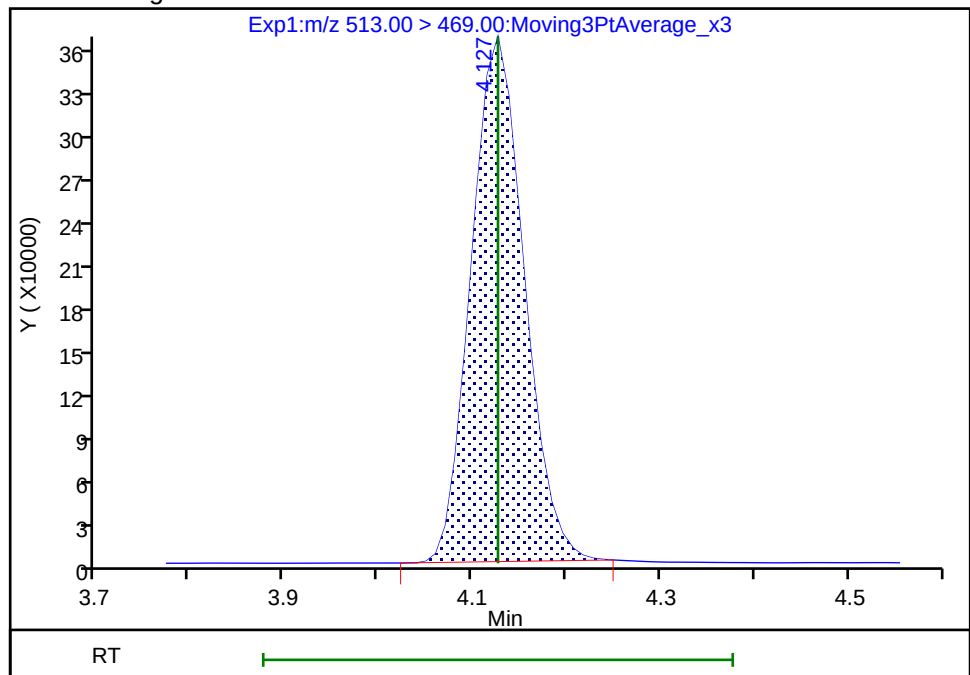
RT: 4.13
Area: 1428368
Amount: 1.006144
Amount Units: ng/ml

Processing Integration Results



RT: 4.13
Area: 1414392
Amount: 1.003838
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:49:17
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

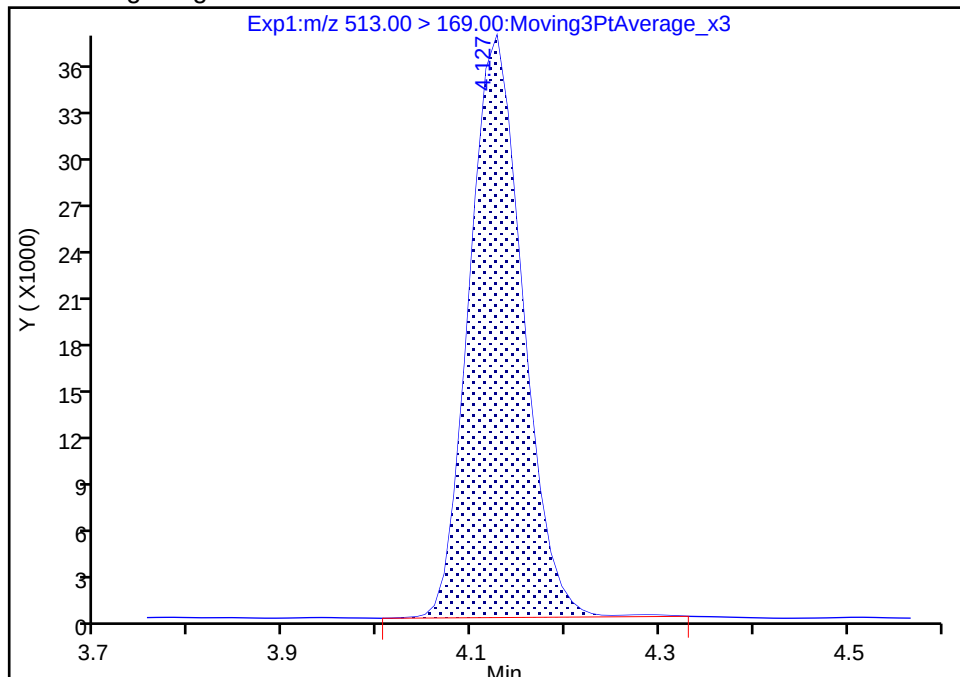
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

24 Perfluorodecanoic acid, CAS: 335-76-2

Signal: 2

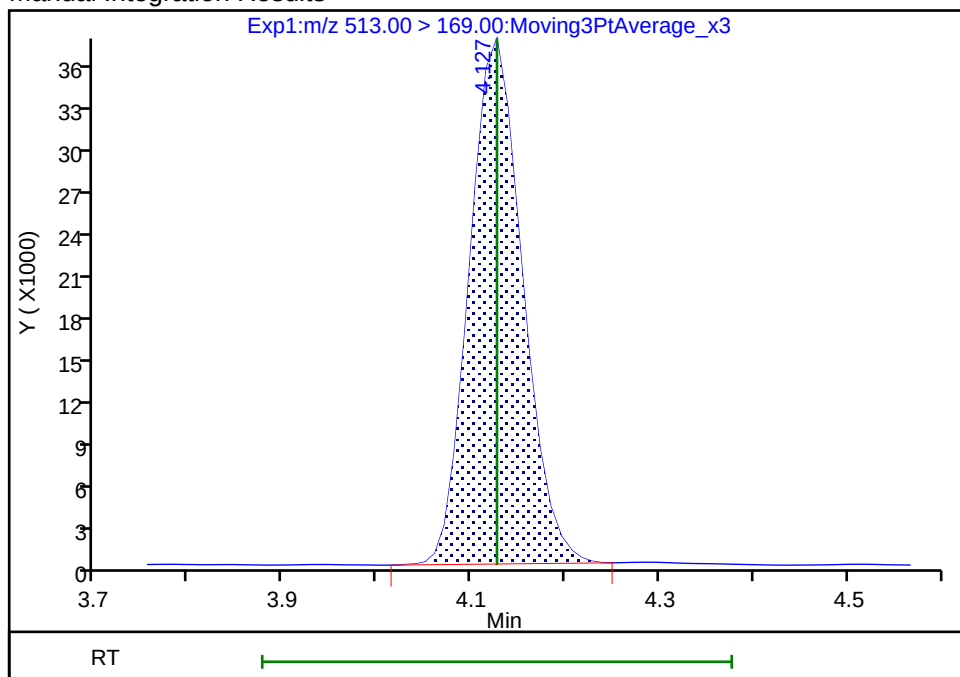
RT: 4.13
Area: 147199
Amount: 1.006144
Amount Units: ng/ml

Processing Integration Results



RT: 4.13
Area: 146317
Amount: 1.003838
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:49:21

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

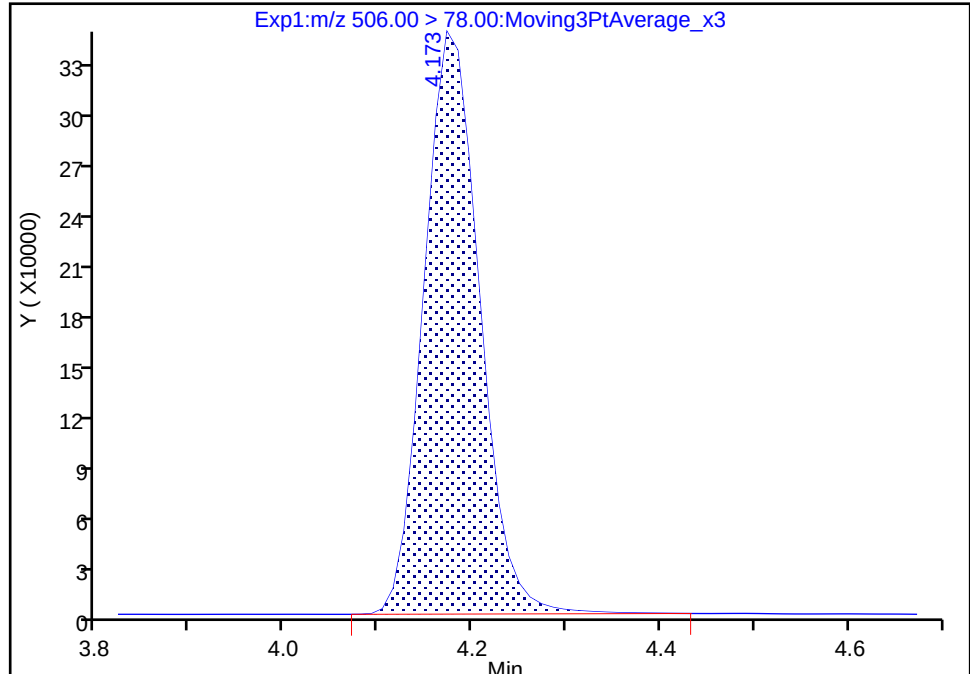
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 21 13C8 FOSA, CAS: STL01056

Signal: 1

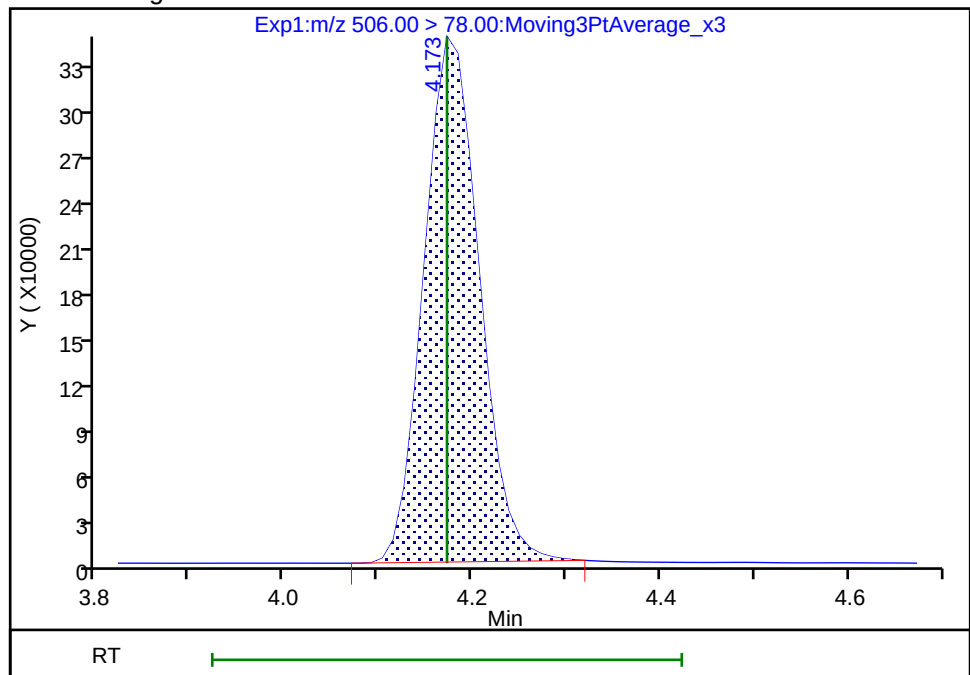
RT: 4.17
Area: 1401019
Amount: 1.082534
Amount Units: ng/ml

Processing Integration Results



RT: 4.17
Area: 1386621
Amount: 1.191298
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:49:33
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

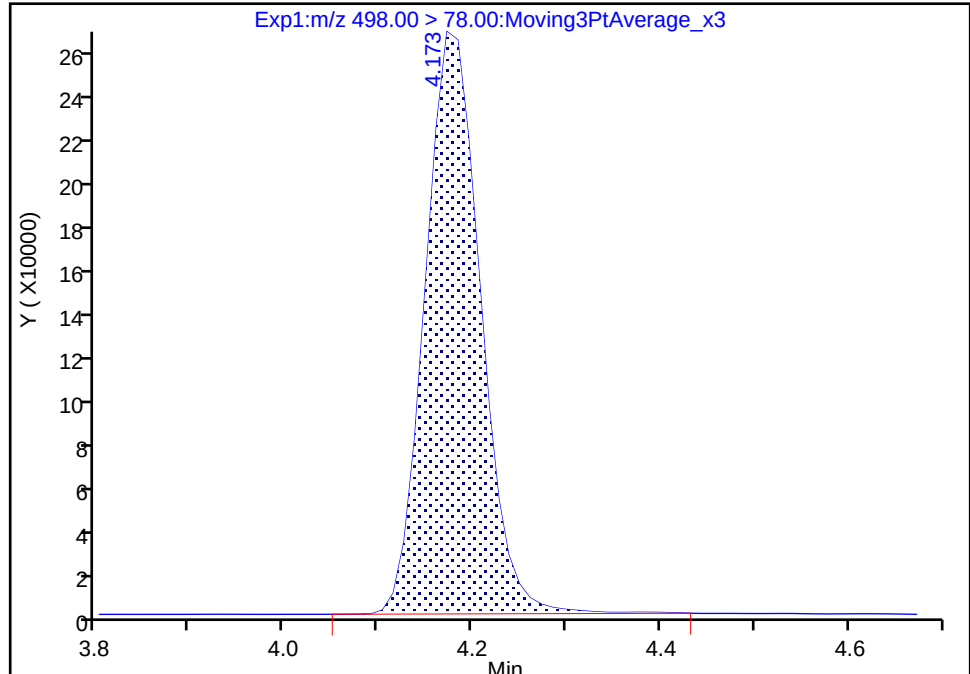
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

22 Perfluorooctanesulfonamide, CAS: 754-91-6

Signal: 1

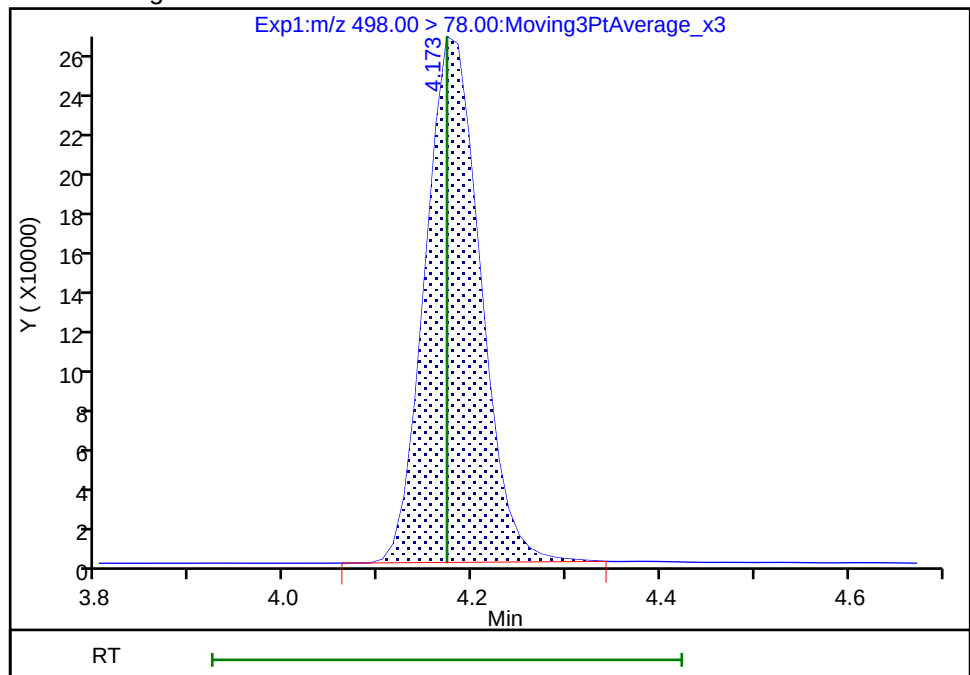
RT: 4.17
Area: 1101851
Amount: 0.976900
Amount Units: ng/ml

Processing Integration Results



RT: 4.17
Area: 1095271
Amount: 0.968938
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:49:39
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

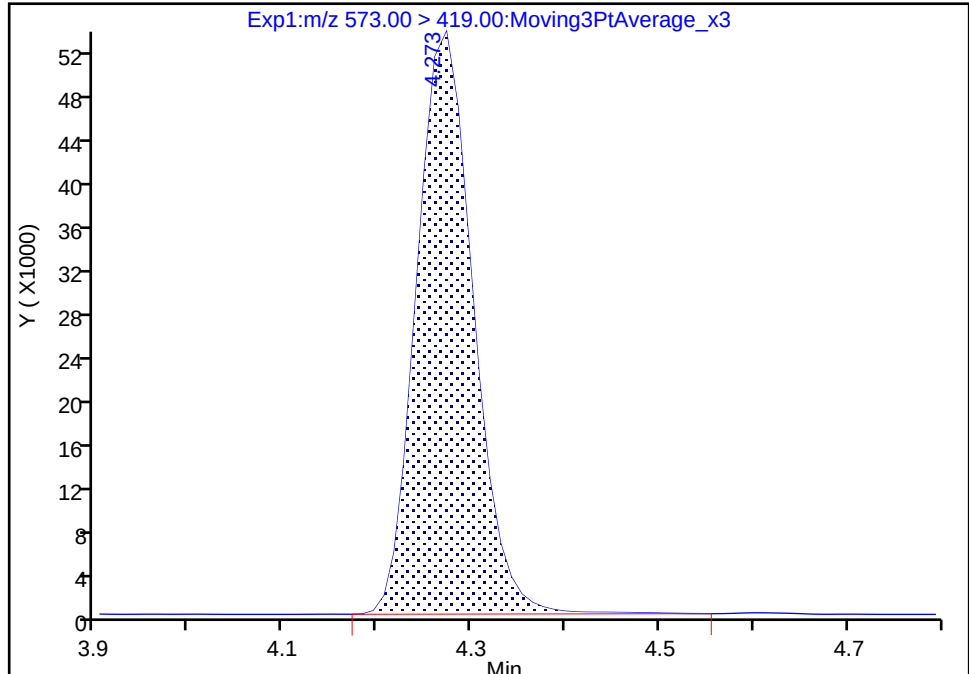
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 27 d3-NMeFOSAA, CAS: STL02118

Signal: 1

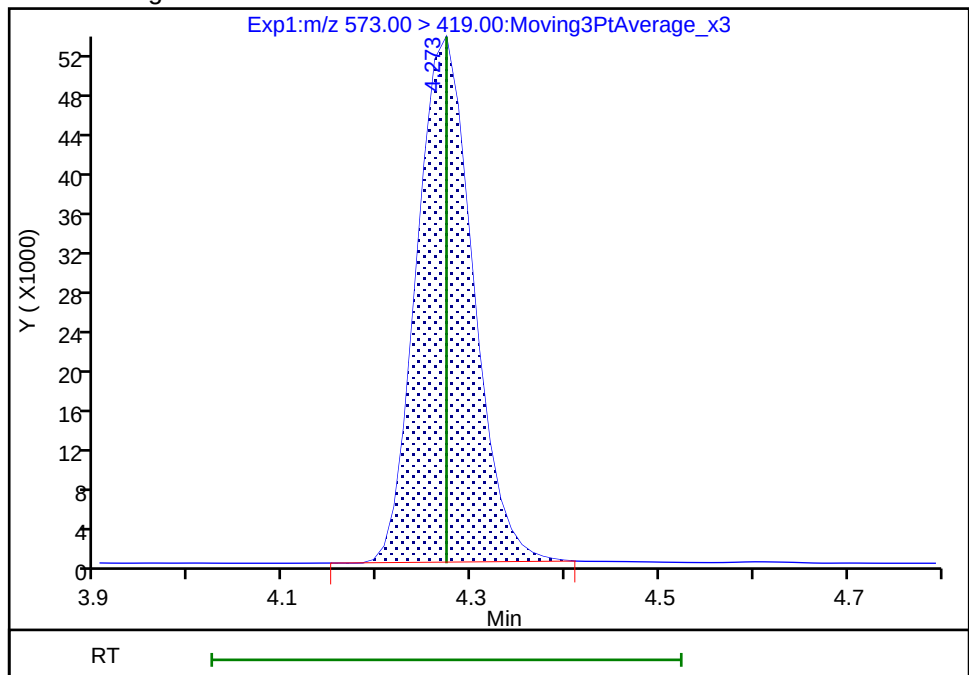
RT: 4.27
Area: 224901
Amount: 1.235750
Amount Units: ng/ml

Processing Integration Results



RT: 4.27
Area: 222702
Amount: 1.249393
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:49:45
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

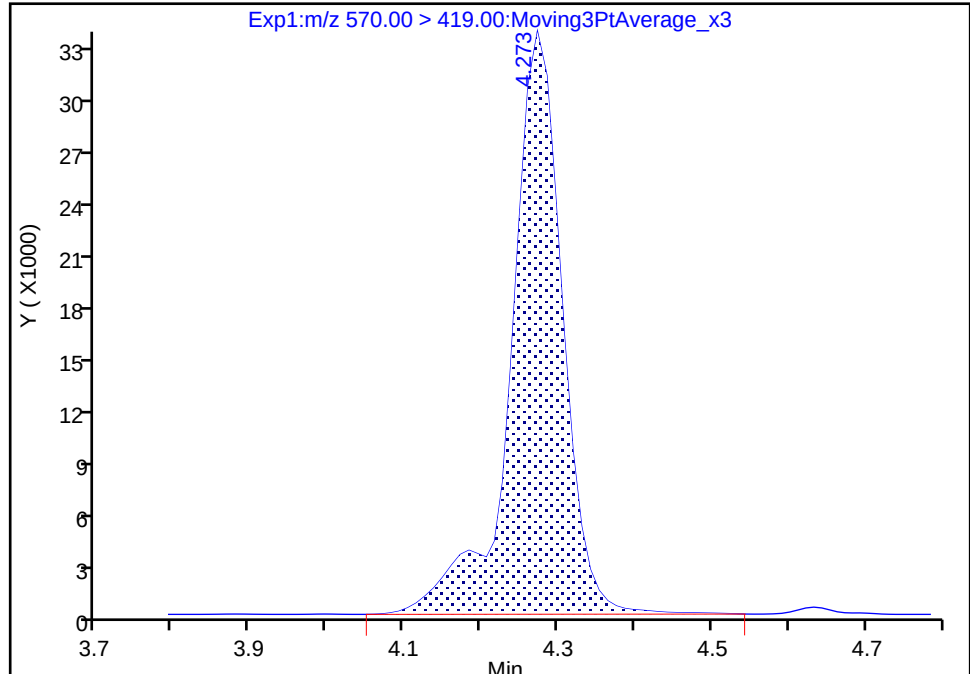
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

28 N-methylperfluorooctanesulfonami, CAS: 2355-31-9

Signal: 1

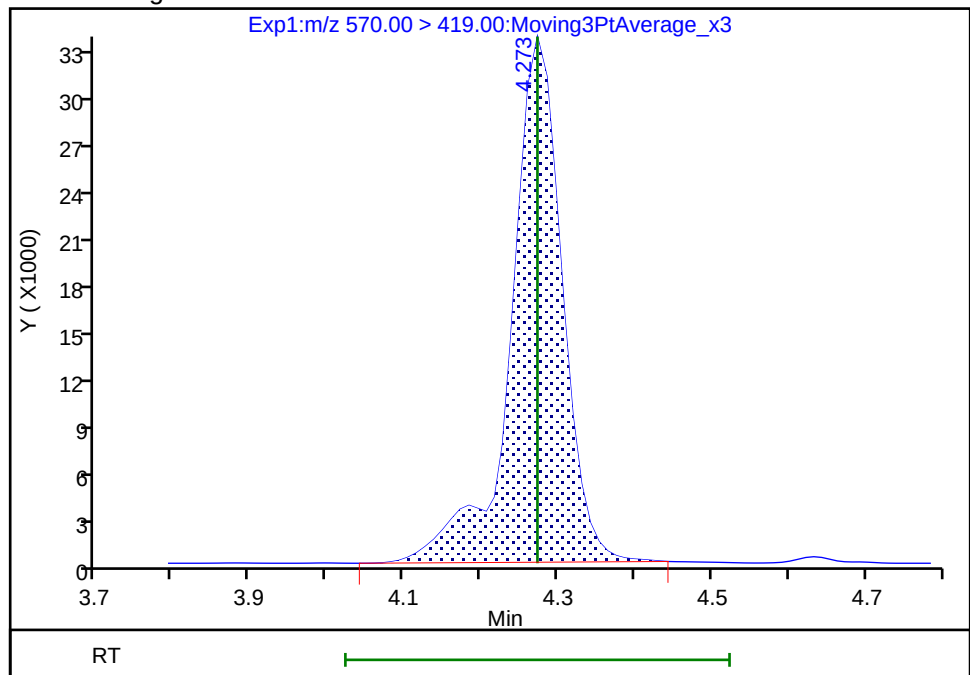
RT: 4.27
Area: 155449
Amount: 0.981776
Amount Units: ng/ml

Processing Integration Results



RT: 4.27
Area: 153984
Amount: 0.973182
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:49:50
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d

Injection Date: 03-Aug-2022 13:24:49

Instrument ID: LC812

Lims ID: ICIS

Client ID:

Operator ID: lc812tech

ALS Bottle#:

5

Worklist Smp#: 8

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

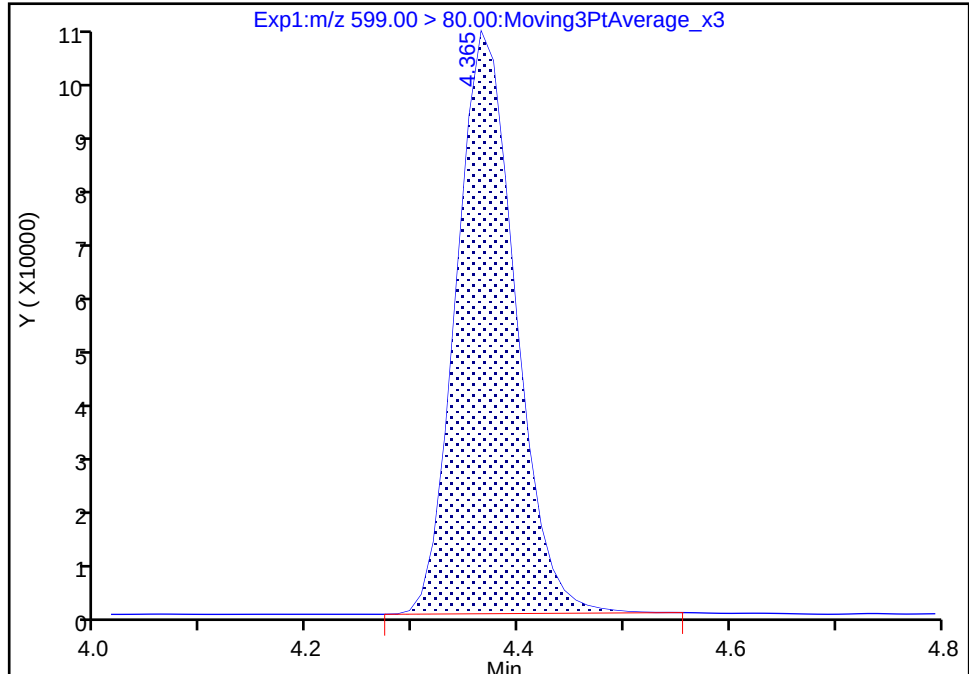
EXP1

29 Perfluorodecanesulfonic acid, CAS: 335-77-3

Signal: 1

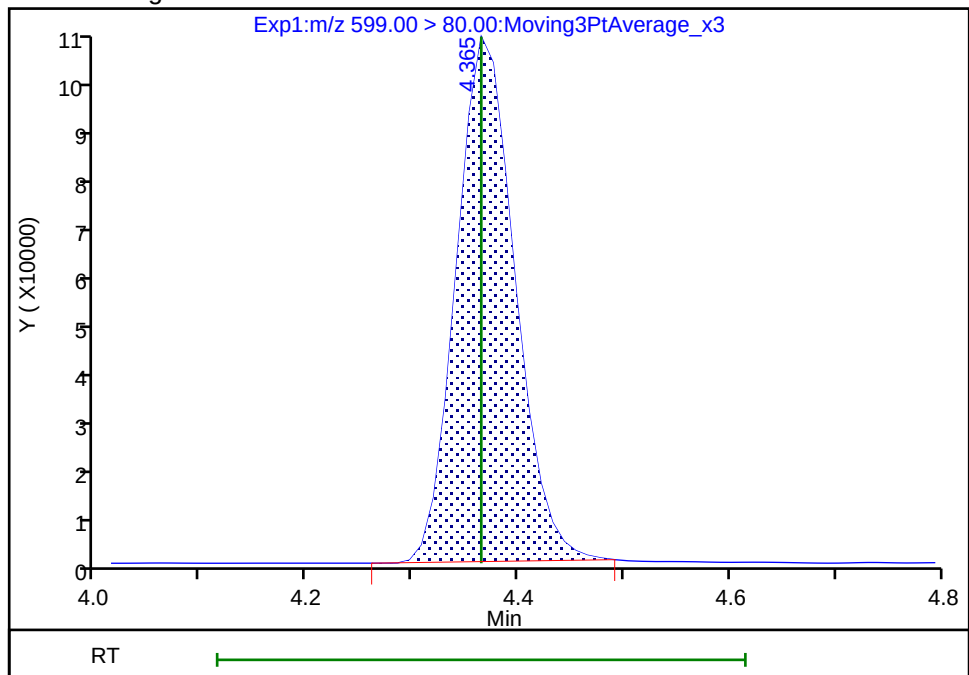
RT: 4.36
Area: 418358
Amount: 0.964624
Amount Units: ng/ml

Processing Integration Results



RT: 4.36
Area: 414469
Amount: 0.980127
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:49:56

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

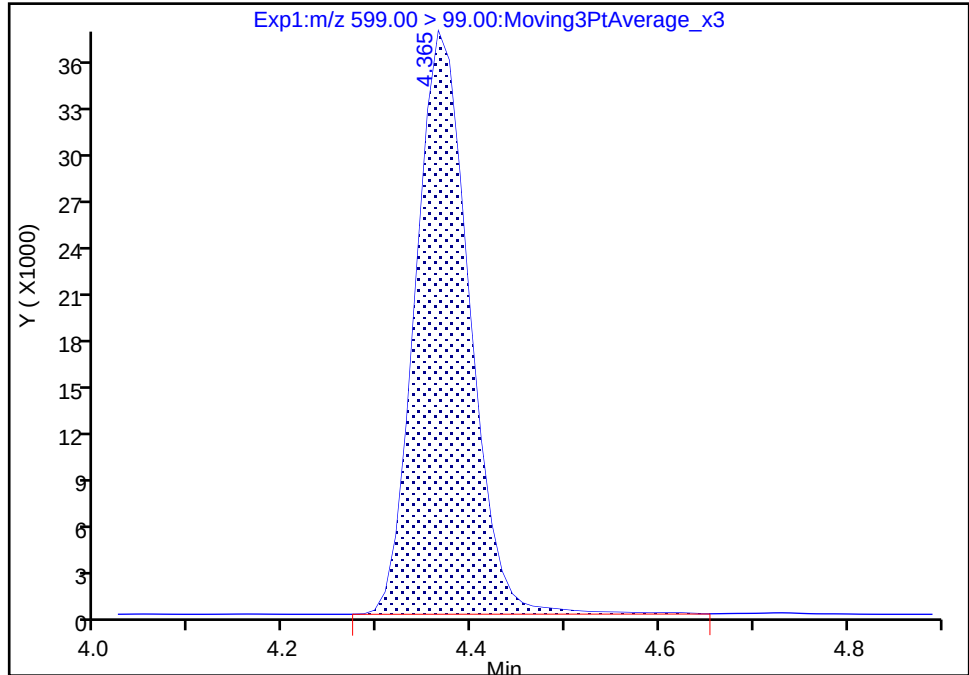
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

29 Perfluorodecanesulfonic acid, CAS: 335-77-3

Signal: 2

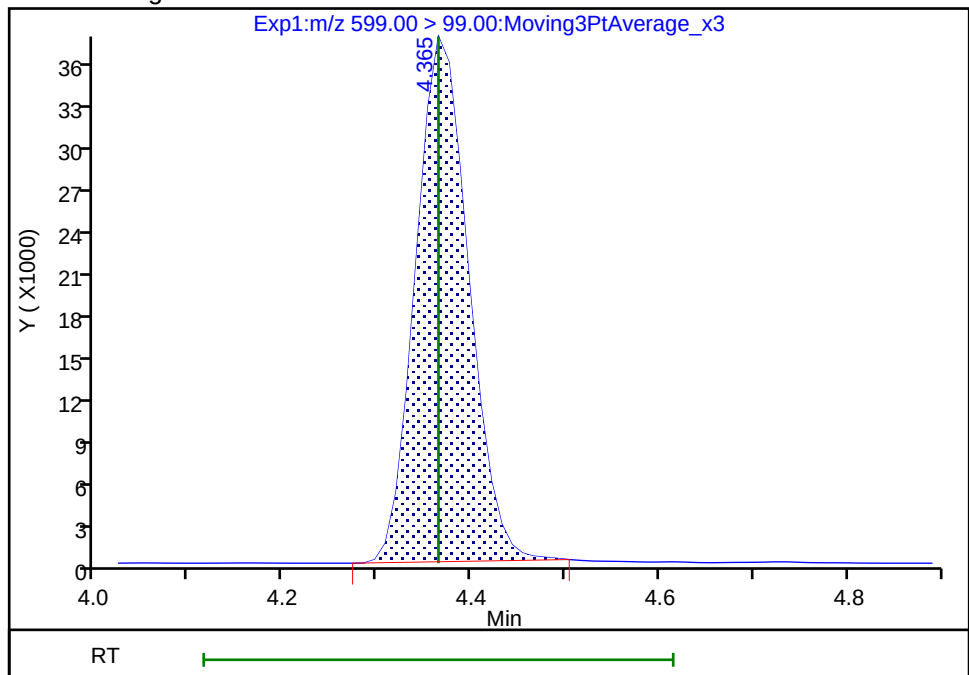
RT: 4.36
Area: 150492
Amount: 0.964624
Amount Units: ng/ml

Processing Integration Results



RT: 4.36
Area: 147870
Amount: 0.980127
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:49:59

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

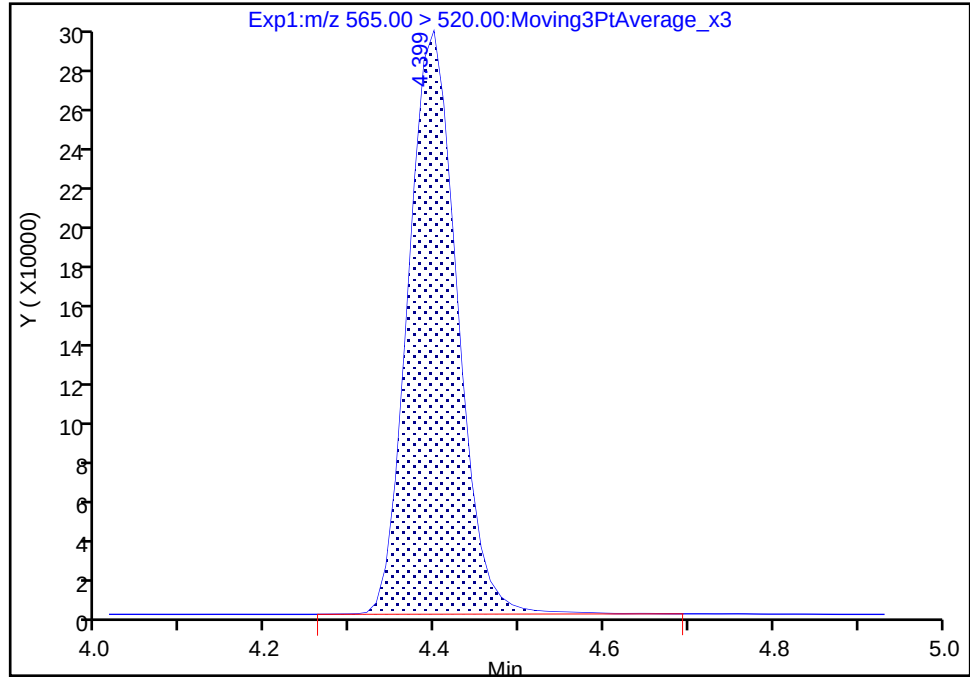
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 30 13C2 PFUnA, CAS: STL00997

Signal: 1

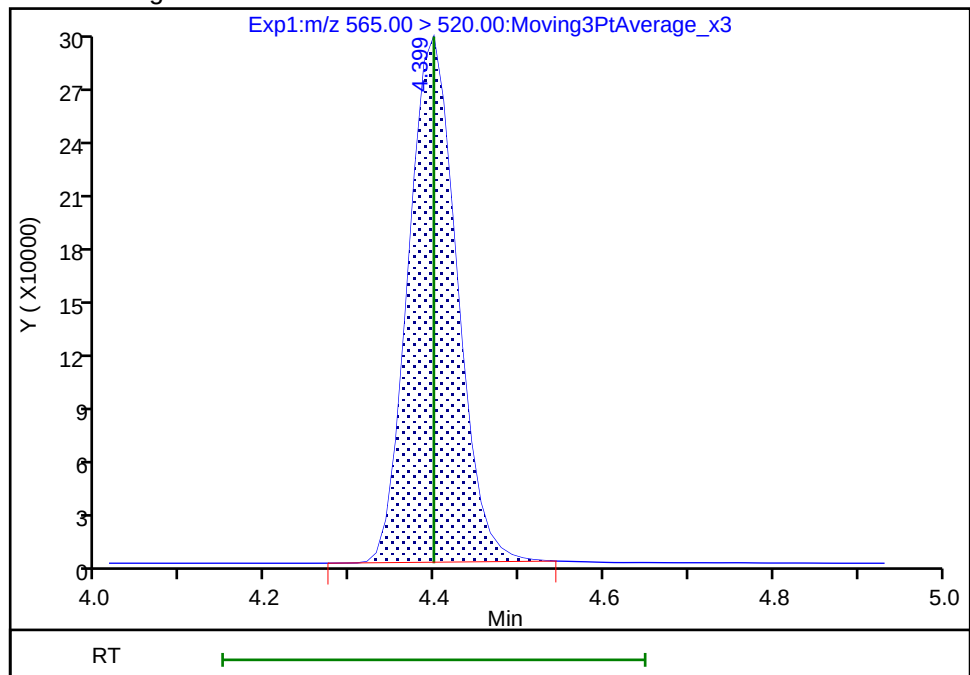
RT: 4.40
Area: 1197435
Amount: 1.154017
Amount Units: ng/ml

Processing Integration Results



RT: 4.40
Area: 1185895
Amount: 1.176912
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:50:06
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

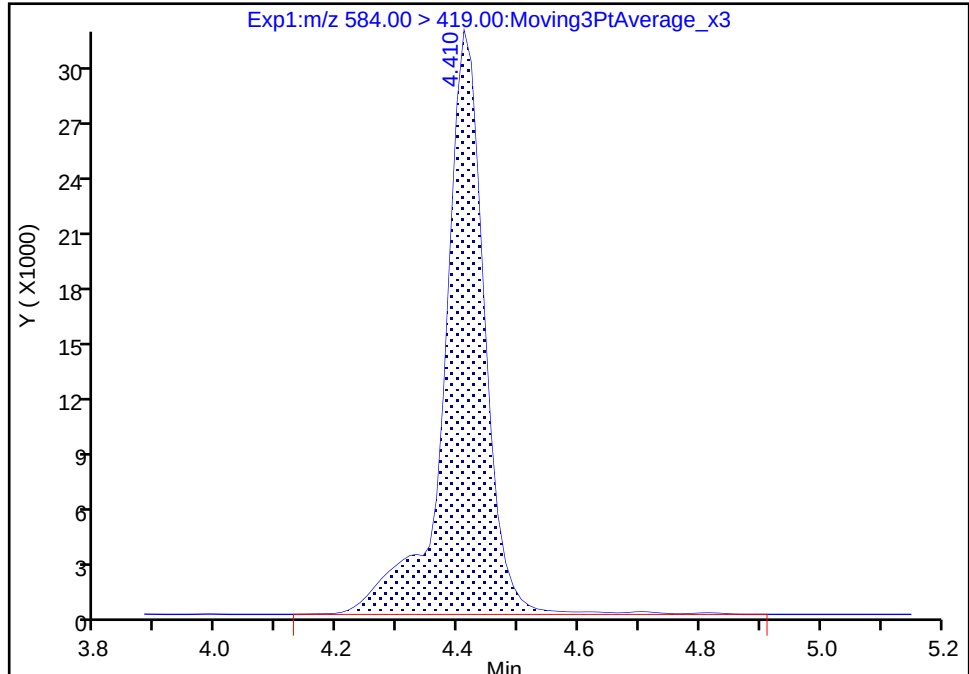
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

33 N-ethylperfluorooctanesulfonamid, CAS: 2991-50-6

Signal: 1

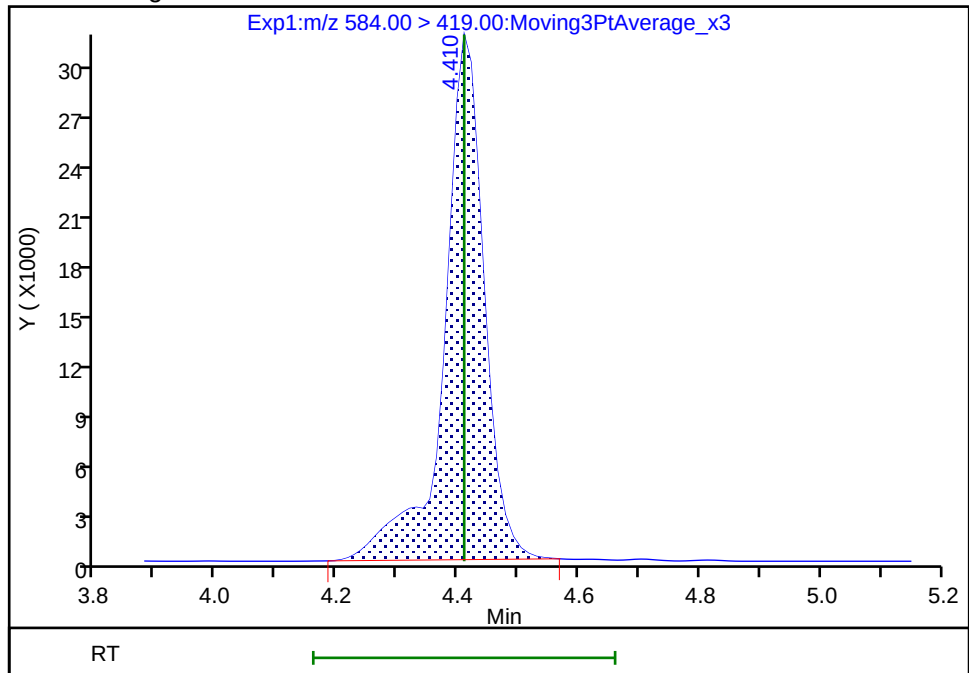
RT: 4.41
Area: 147459
Amount: 0.972934
Amount Units: ng/ml

Processing Integration Results



RT: 4.41
Area: 144142
Amount: 0.961142
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:50:11
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

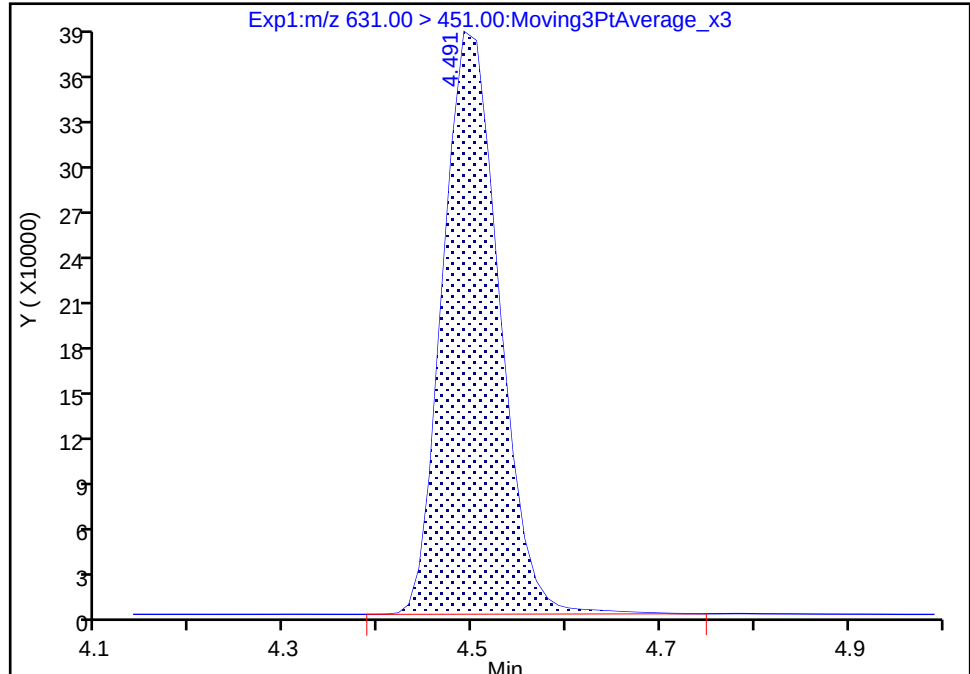
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

66 11-Chloroeicosafluoro-3-oxaundec, CAS: 763051-92-9

Signal: 1

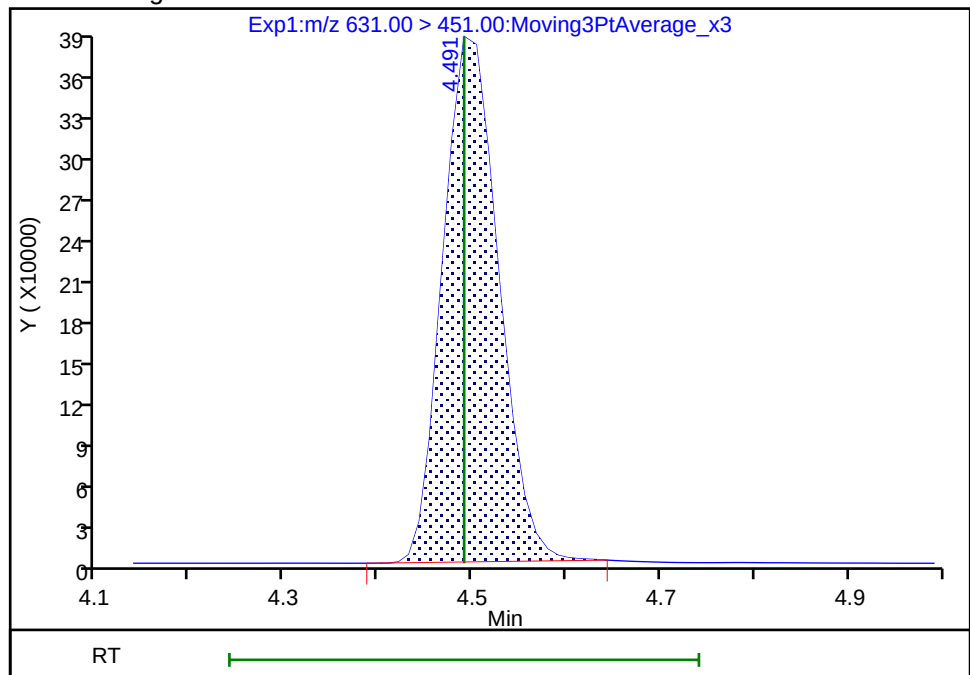
RT: 4.49
Area: 1603983
Amount: 0.937988
Amount Units: ng/ml

Processing Integration Results



RT: 4.49
Area: 1584274
Amount: 0.949418
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:50:16
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

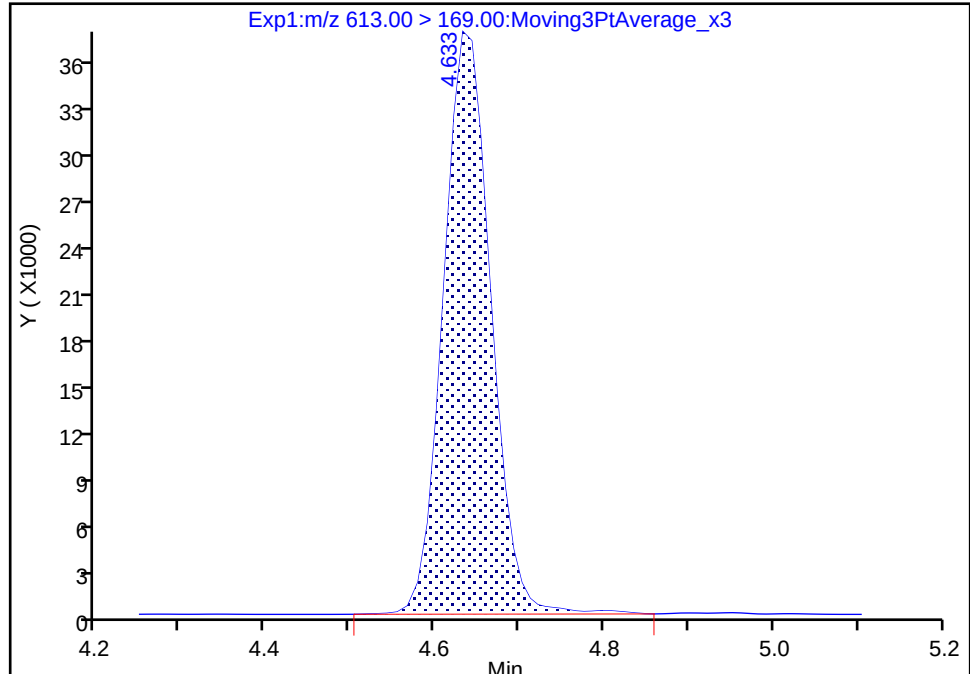
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

37 Perfluorododecanoic acid, CAS: 307-55-1

Signal: 2

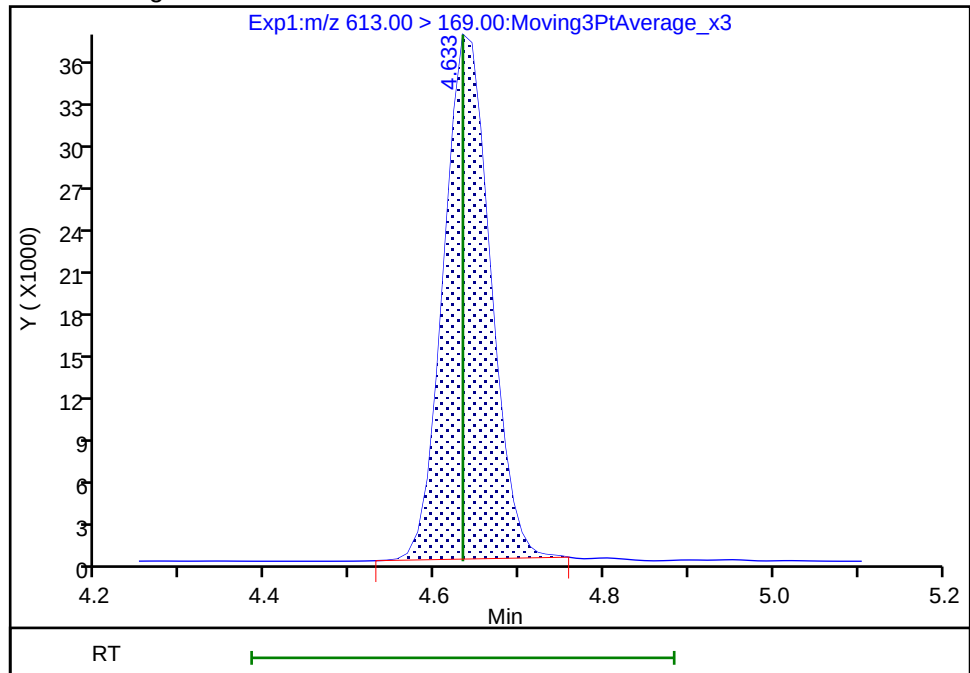
RT: 4.63
Area: 147597
Amount: 0.988647
Amount Units: ng/ml

Processing Integration Results



RT: 4.63
Area: 144662
Amount: 0.995608
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:50:24
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

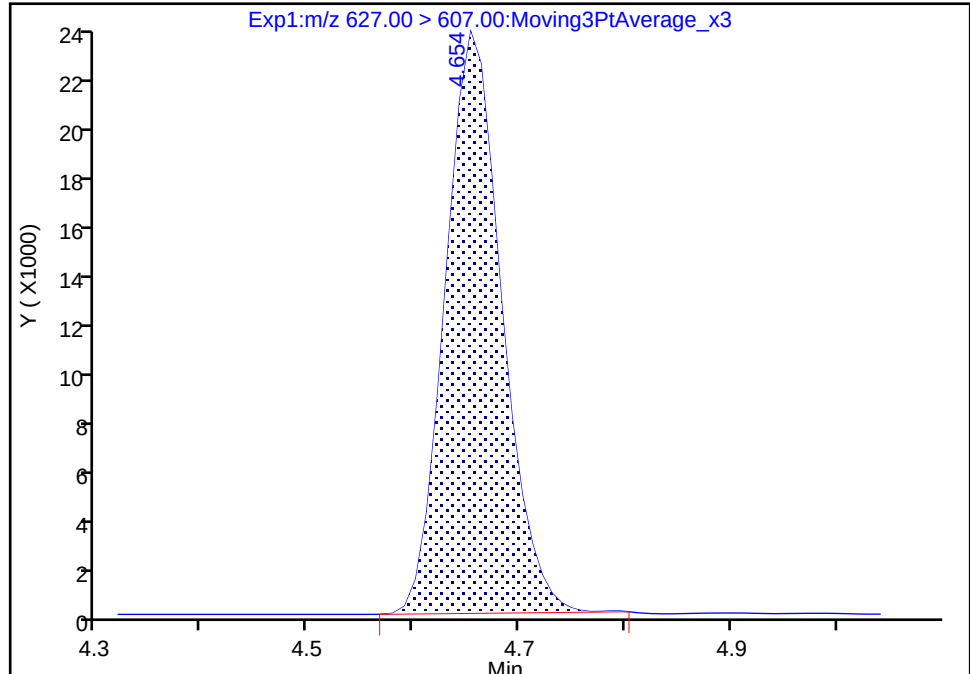
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

74 1H,1H,2H,2H-perfluorododecanesul, CAS: 120226-60-0

Signal: 1

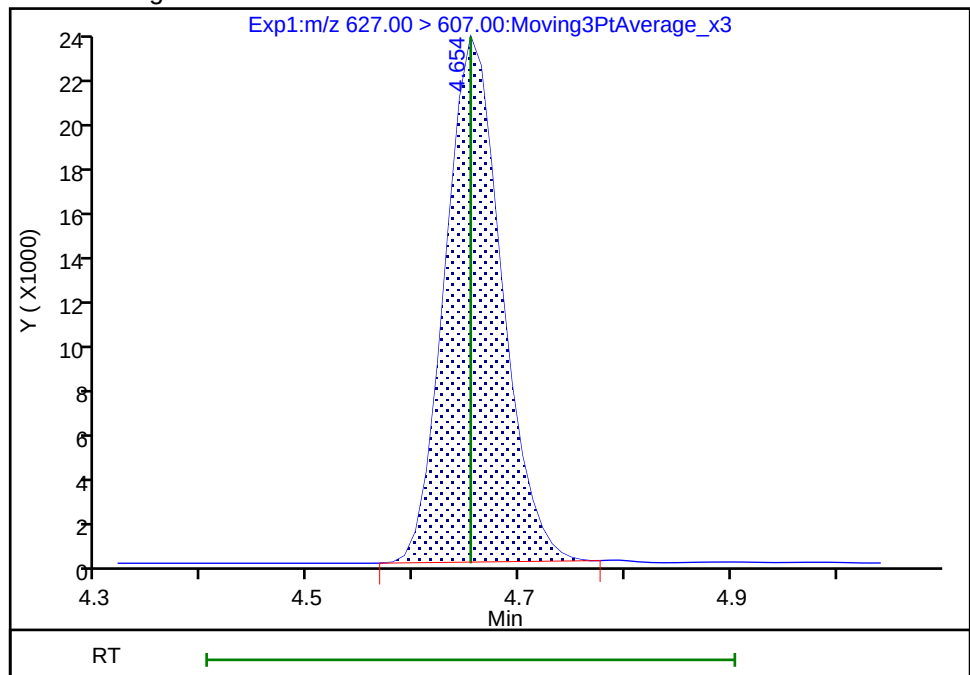
RT: 4.65
Area: 88661
Amount: 0.885221
Amount Units: ng/ml

Processing Integration Results



RT: 4.65
Area: 88428
Amount: 0.975772
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:50:30
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

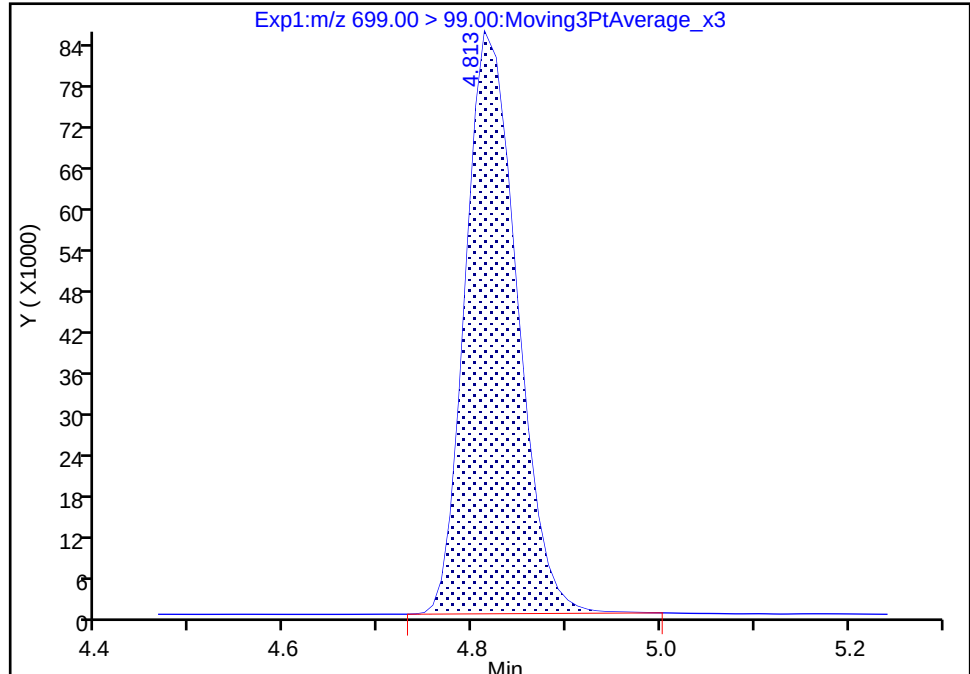
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

75 Perfluorododecanesulfonic acid (, CAS: 79780-39-5

Signal: 2

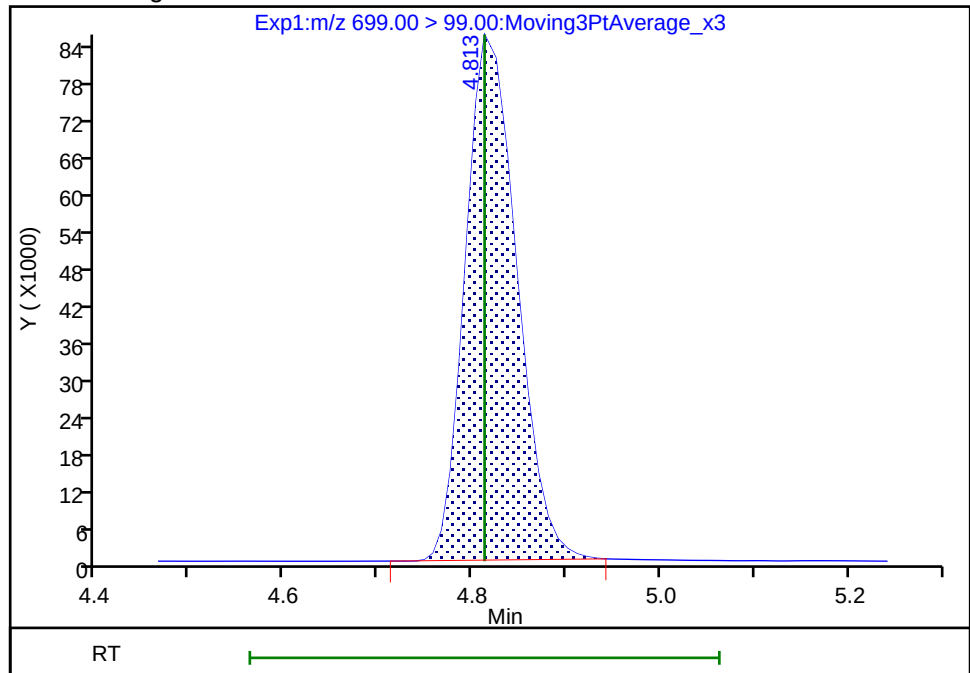
RT: 4.81
Area: 325434
Amount: 0.871049
Amount Units: ng/ml

Processing Integration Results



RT: 4.81
Area: 323544
Amount: 0.902190
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:50:35
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

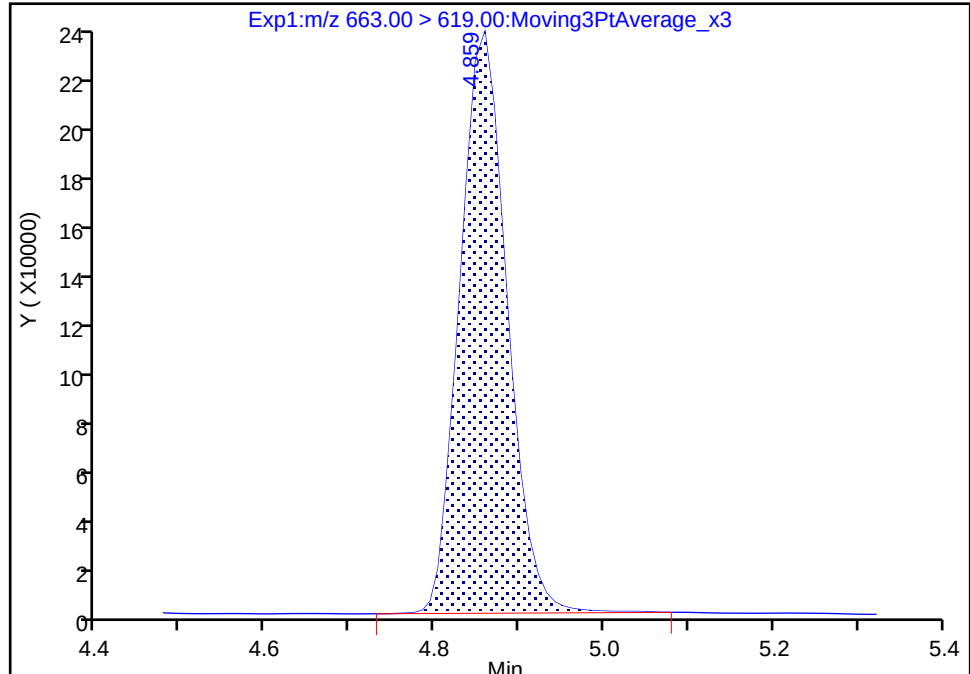
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

41 Perfluorotridecanoic acid, CAS: 72629-94-8

Signal: 1

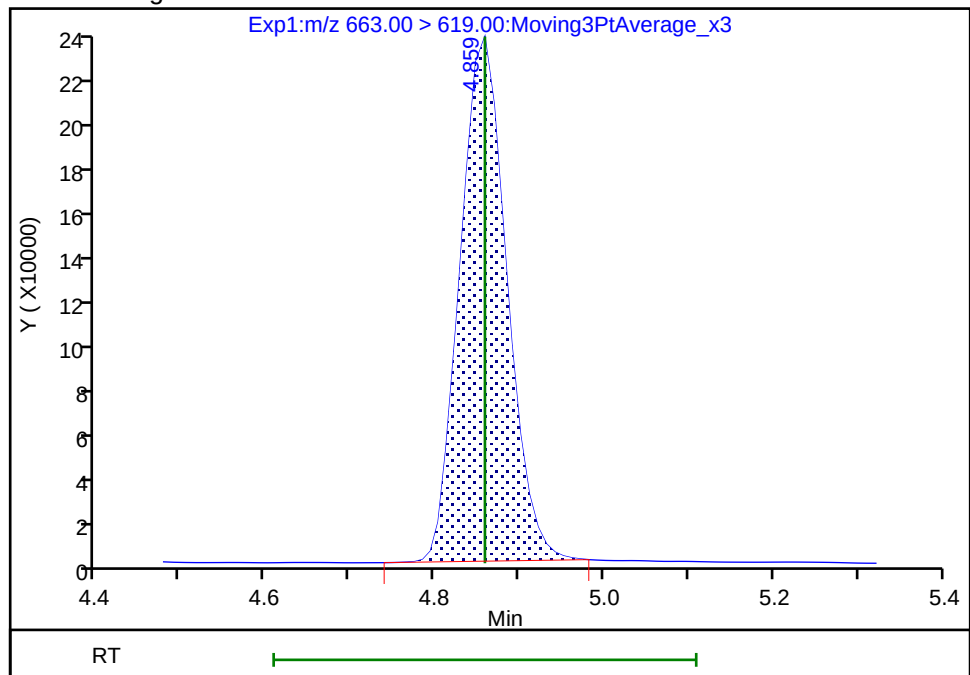
RT: 4.86
Area: 908882
Amount: 1.015767
Amount Units: ng/ml

Processing Integration Results



RT: 4.86
Area: 899529
Amount: 1.024937
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:50:40
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

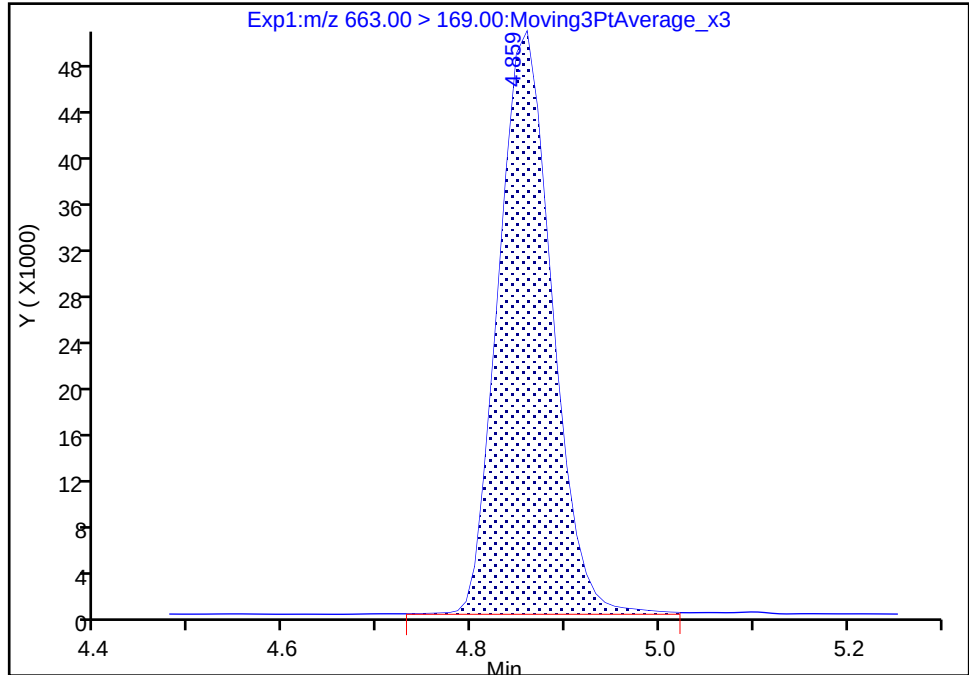
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

41 Perfluorotridecanoic acid, CAS: 72629-94-8

Signal: 2

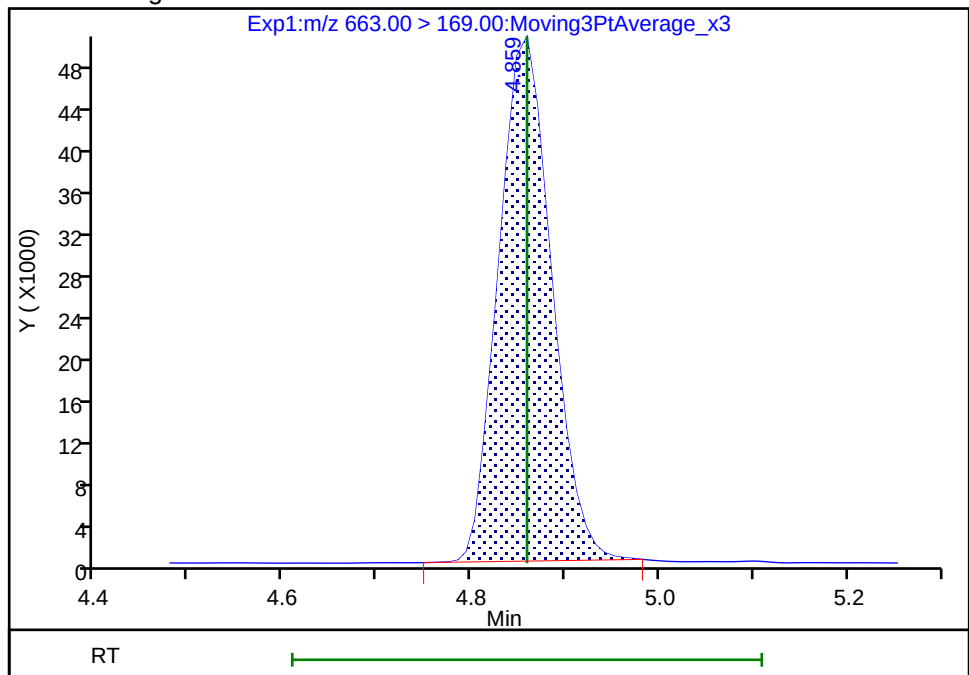
RT: 4.86
Area: 200689
Amount: 1.015767
Amount Units: ng/ml

Processing Integration Results



RT: 4.86
Area: 197181
Amount: 1.024937
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:50:44

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

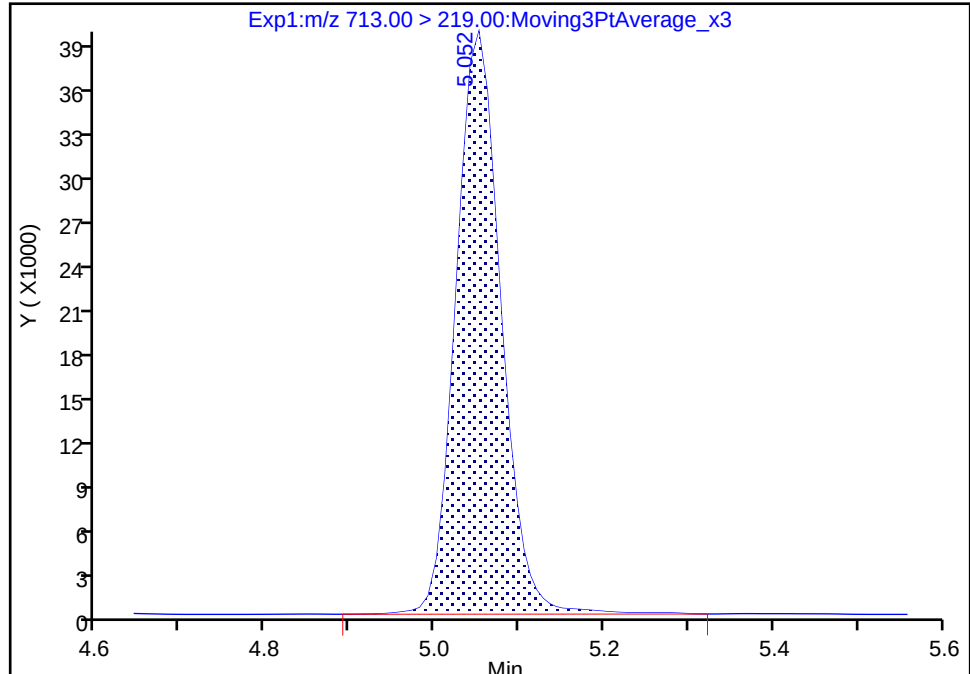
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

42 Perfluorotetradecanoic acid, CAS: 376-06-7

Signal: 2

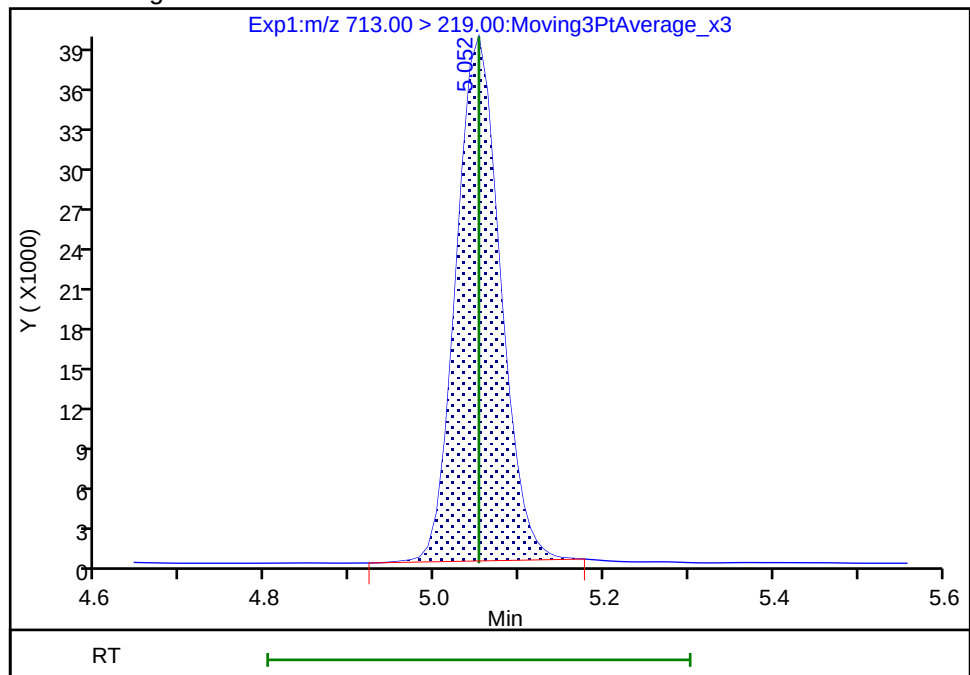
RT: 5.05
Area: 144950
Amount: 0.991640
Amount Units: ng/ml

Processing Integration Results



RT: 5.05
Area: 141742
Amount: 0.983337
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:50:49
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

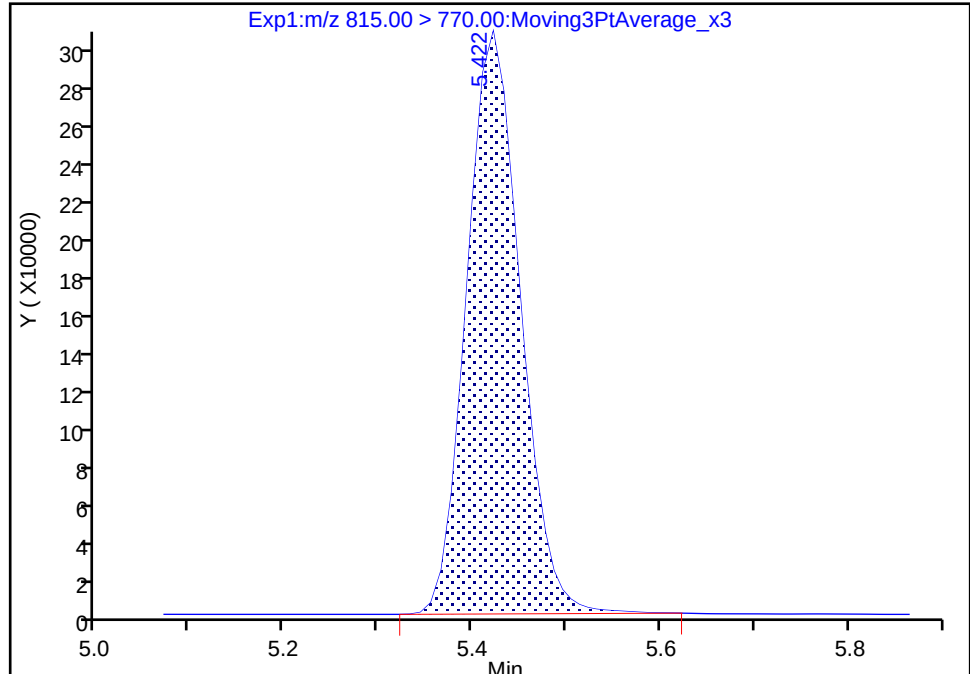
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 44 13C2 PFHxDA, CAS: STL02115

Signal: 1

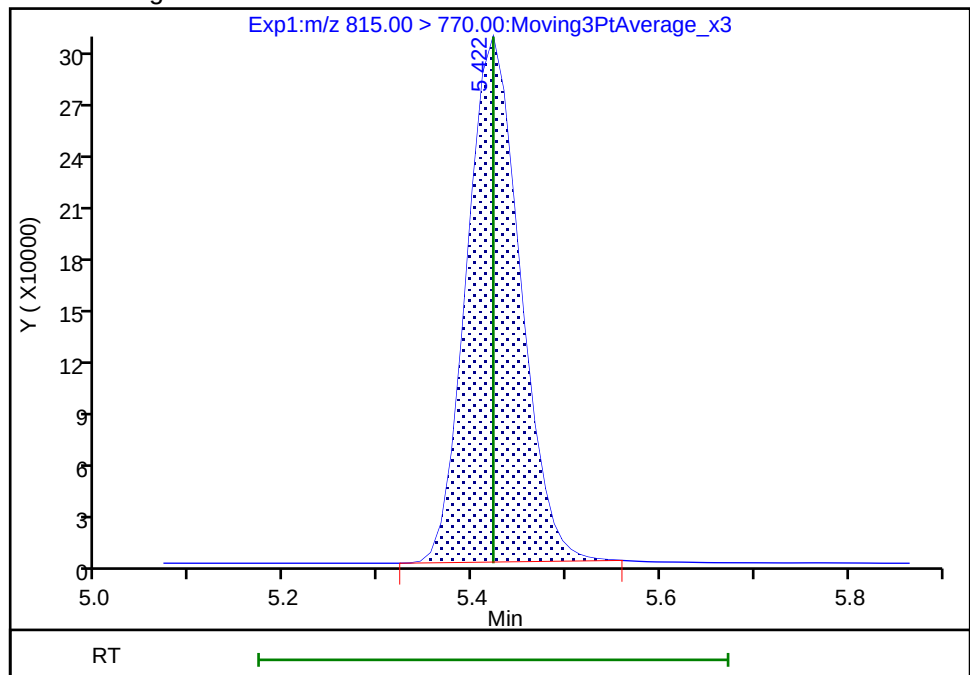
RT: 5.42
Area: 1211380
Amount: 1.228044
Amount Units: ng/ml

Processing Integration Results



RT: 5.42
Area: 1201939
Amount: 1.236162
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:50:56
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

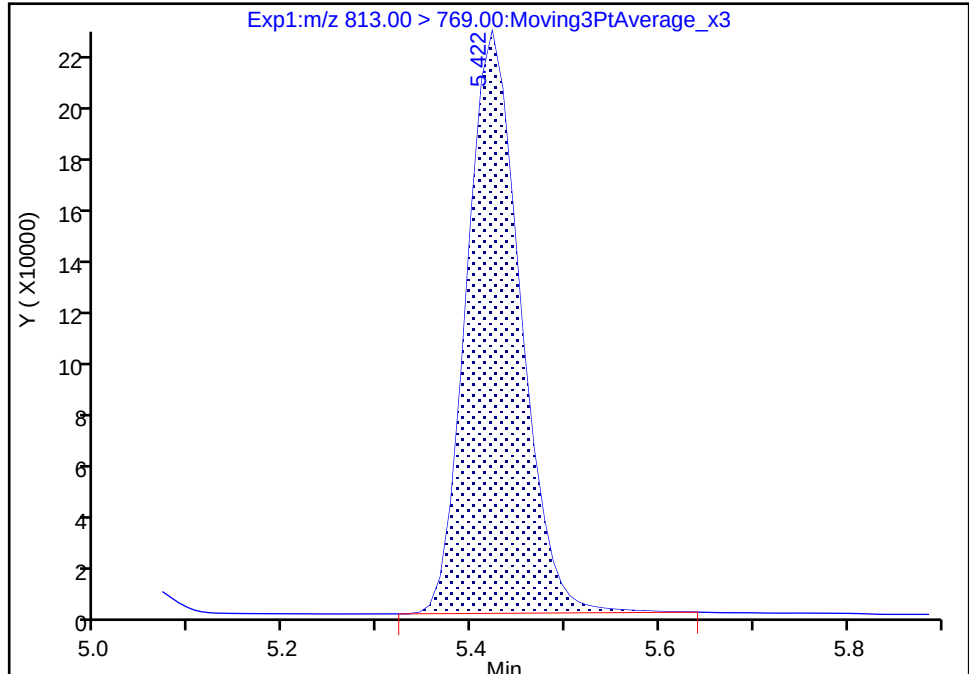
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

45 Perfluorohexadecanoic acid, CAS: 67905-19-5

Signal: 1

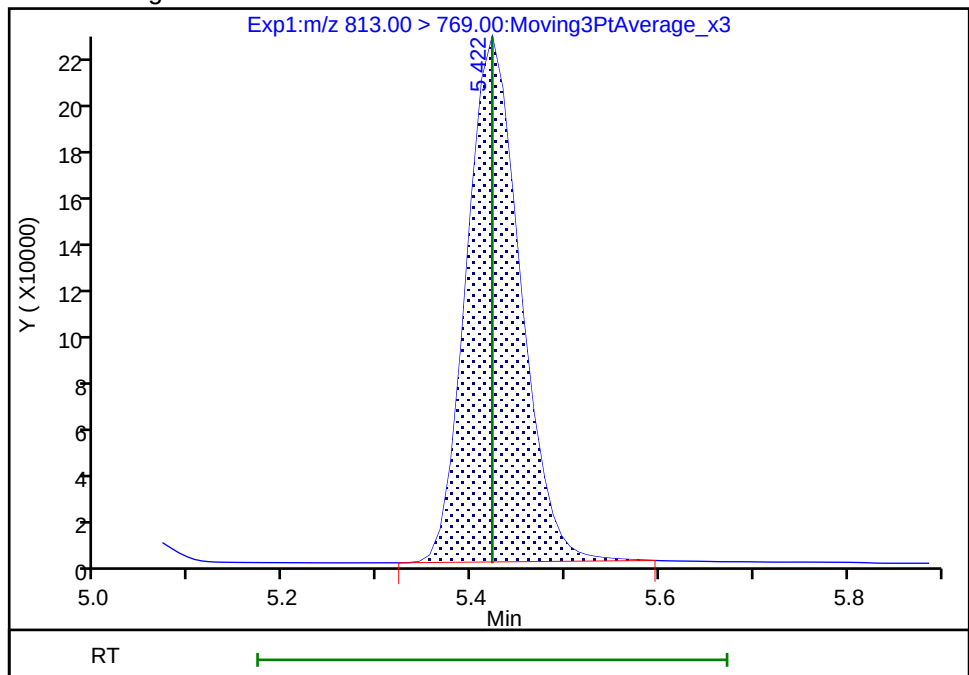
RT: 5.42
Area: 894432
Amount: 1.035439
Amount Units: ng/ml

Processing Integration Results



RT: 5.42
Area: 890409
Amount: 1.015057
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:51:02
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

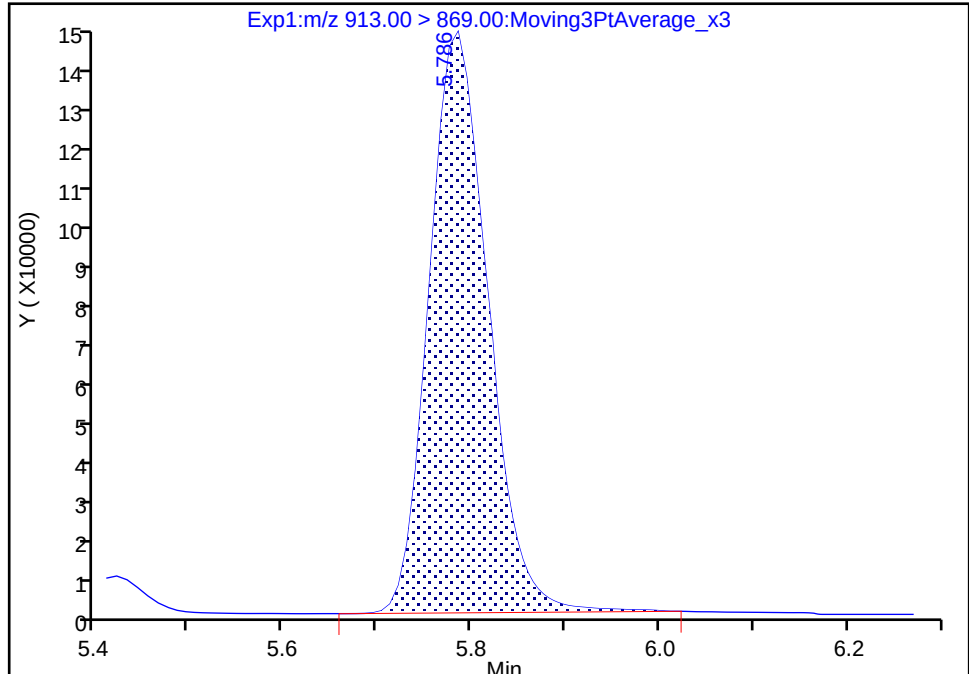
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

46 Perfluorooctadecanoic acid, CAS: 16517-11-6

Signal: 1

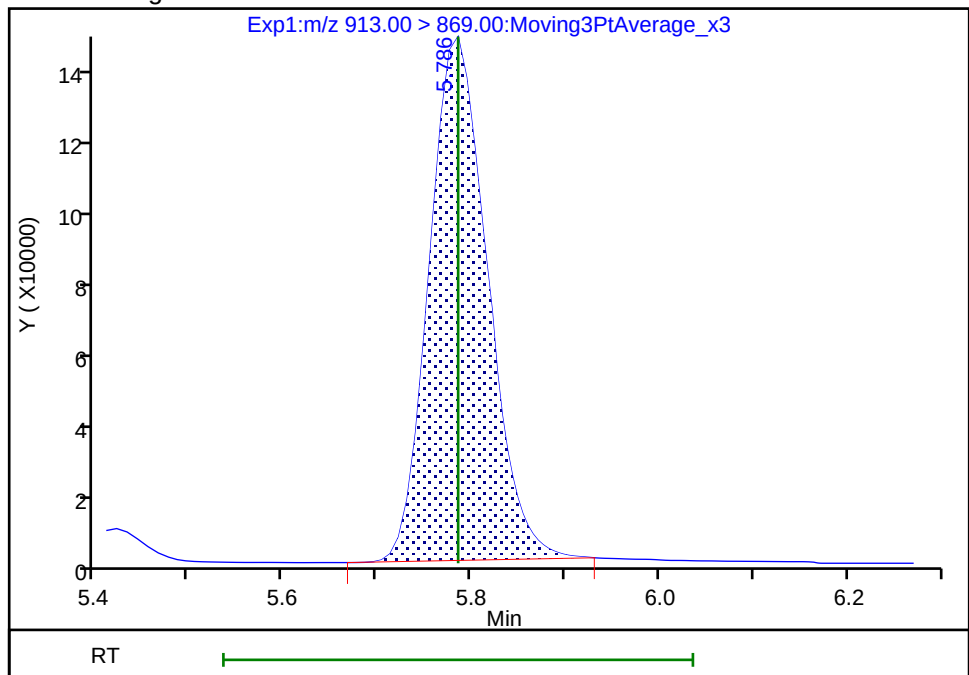
RT: 5.79
Area: 630547
Amount: 0.955708
Amount Units: ng/ml

Processing Integration Results



RT: 5.79
Area: 621162
Amount: 0.971577
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:51:07
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

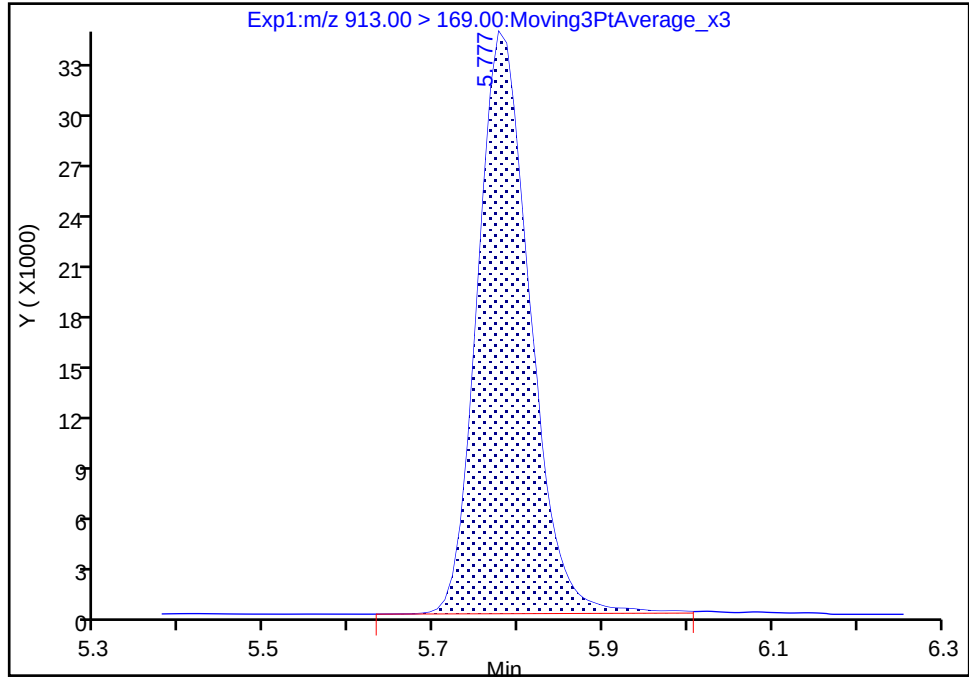
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL08.d
Injection Date: 03-Aug-2022 13:24:49 Instrument ID: LC812
Lims ID: ICIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 5 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

46 Perfluorooctadecanoic acid, CAS: 16517-11-6

Signal: 2

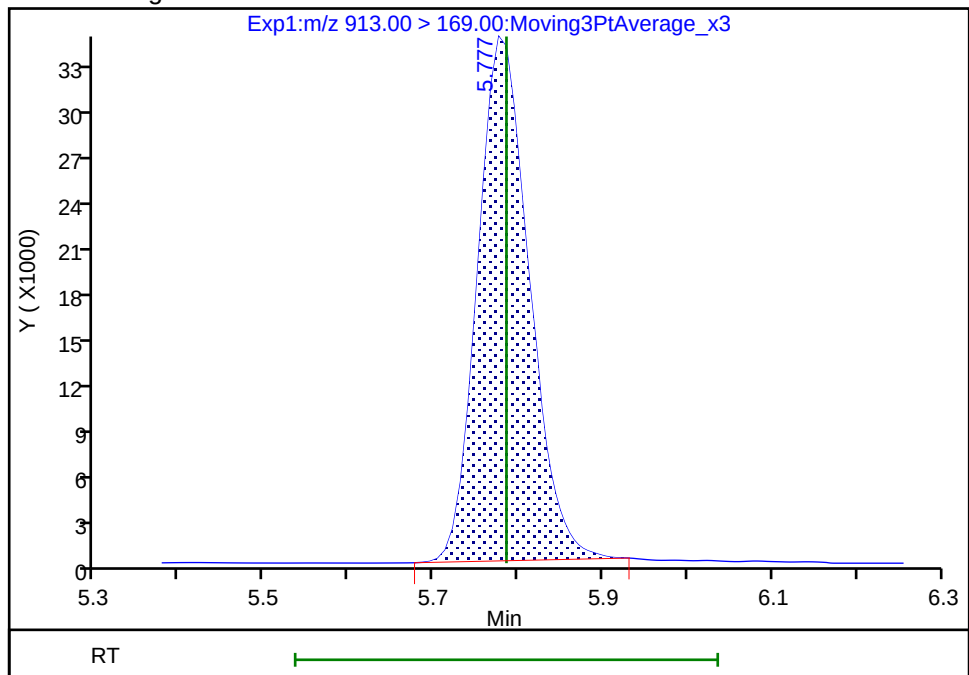
RT: 5.78
Area: 146878
Amount: 0.955708
Amount Units: ng/ml

Processing Integration Results



RT: 5.78
Area: 144019
Amount: 0.971577
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:51:10

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

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08/09/2022

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
 Lims ID: IC
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 03-Aug-2022 13:33:00 ALS Bottle#: 6 Worklist Smp#: 9
 Injection Vol: 20.0 ul Dil. Factor: 1.0000
 Sample Info: IC
 Misc. Info.: 200-0051940-009 Plate: 1 Rack: 1
 Operator ID: lc812tech Instrument ID: LC812
 Sublist: chrom-PFC_LC812*sub3
 Method: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PFC_LC812.m
 Limit Group: LC_PFC_ICAL
 Last Update: 03-Aug-2022 14:25:30 Calib Date: 03-Aug-2022 13:41:11
 Integrator: Picker
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
 Column 1 : C-18 (4.60 mm) Det: EXP1
 Process Host: CTX1672

First Level Reviewer: Z1IP

Date: 03-Aug-2022 14:01:20

Ratio Calibration: Average of Initial Calibration

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										M
217.00 > 172.00	2.085	2.085	0.0	0.597	1857803	1.24		98.9	8594	M
2 Perfluorobutanoic acid										M
212.90 > 169.00	2.085	2.085	0.0	1.000	3187659	2.21		88.5	417	M
D 3 13C5 PFPeA										
267.90 > 223.00	2.400	2.400	0.0	0.688	1404065	1.21		97.2	3066	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.400	2.400	0.0	1.000	2656548	2.29		91.8	111	
D 47 13C3 PFBS										
301.90 > 80.00	2.413	2.413	0.0	0.691	1554917	1.16		100	252152	
5 Perfluorobutanesulfonic acid										M
298.90 > 80.00	2.426	2.413	0.013	1.006	2999148	2.03	Target=2.18	91.9	2502	M
298.90 > 99.00	2.426	2.413	0.013	1.006	1400745		2.14(1.09-3.28)	91.9	1144	
D 60 M2-4:2 FTS										M
329.00 > 81.00	2.713	2.713	0.0	0.777	134930	1.17		100	152	M
61 1H,1H,2H,2H-perfluorohexanesulfo										M
327.00 > 307.00	2.713	2.713	0.0	1.000	611993	2.23		95.4	2786	M
6 Perfluorohexanoic acid										M
313.00 > 269.00	2.762	2.750	0.012	1.004	2758598	2.31	Target=12.37	92.5	579	M
313.00 > 119.00	2.762	2.750	0.012	1.004	215969		12.77(6.19-18.56)	92.5	317	M
D 7 13C2 PFHxA										
315.00 > 270.00	2.749	2.750	-0.001	0.788	1429283	1.24		99.1	2346	
70 Perfluoropentanesulfonic acid										M
349.00 > 80.00	2.762	2.762	0.0	0.885	2602336	2.16	Target=3.00	92.0	2303	M
349.00 > 99.00	2.762	2.762	0.0	0.885	898623		2.90(1.50-4.50)	92.0	1451	
D 64 13C3 HFPO-DA										
287.00 > 169.00	2.871	2.859	0.012	0.823	269301	1.24		99.2	2239	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
67 Perfluoro(2-propoxypropanoic) ac										M
285.00 > 169.00	2.871	2.859	0.012	1.000	526717	2.28		91.0	1978	M
D 9 13C4 PFHpA										
367.00 > 322.00	3.132	3.121	0.011	0.897	1462731	1.22		97.7	2802	
10 Perfluoroheptanoic acid										M
363.00 > 319.00	3.132	3.121	0.011	1.000	2794876	2.32	Target=3.68	92.7	624	M
363.00 > 169.00	3.132	3.121	0.011	1.000	738346		3.79(1.84-5.52)	92.7	784	M
D 11 18O2 PFHxS										M
403.00 > 84.00	3.121	3.121	0.0	0.894	1100091	1.17		98.9	1693	M
8 Perfluorohexanesulfonic acid										M
399.00 > 80.00	3.121	3.121	0.0	1.000	2100026	2.05	Target=3.52	90.0	1379	M
399.00 > 99.00	3.121	3.121	0.0	1.000	613809		3.42(1.76-5.27)	90.0	626	M
77 DONA										M
377.00 > 251.00	3.165	3.165	0.0	0.833	6067195	2.13	Target=2.78	90.6	1751	M
377.00 > 85.00	3.165	3.165	0.0	0.833	2193406		2.77(1.39-4.17)	90.6	1197	M
D 12 M2-6:2 FTS										M
429.00 > 81.00	3.472	3.474	-0.002	0.995	182060	1.16		97.4	503	M
13 1H,1H,2H,2H-perfluorooctanesulfo										M
427.00 > 407.00	3.472	3.474	-0.002	1.000	517908	2.30		97.1	474	M
16 Perfluoroheptanesulfonic acid										M
449.00 > 80.00	3.472	3.474	-0.002	0.914	1868882	2.19	Target=4.99	92.1	1851	M
449.00 > 99.00	3.472	3.474	-0.002	0.914	388606		4.81(2.50-7.49)	92.1	1175	M
15 Perfluorooctanoic acid										M
413.00 > 369.00	3.490	3.482	0.008	1.002	3024763	2.27	Target=2.64	90.8	316	M
413.00 > 169.00	3.481	3.482	-0.001	1.000	1134261		2.67(1.32-3.96)	90.8	1376	M
D 14 13C4 PFOA										M
417.00 > 372.00	3.481	3.482	-0.001	0.998	1484954	1.21		96.8	1580	M
* 62 13C2 PFOA										M
415.00 > 370.00	3.490	3.482	0.008		1609879	1.25			1807	M
17 Perfluorooctanesulfonic acid										M
499.00 > 80.00	3.801	3.802	-0.001	1.000	1565335	2.26	Target=4.77	97.5	714	M
499.00 > 99.00	3.801	3.802	-0.001	1.000	335836		4.66(2.38-7.15)	97.5	763	M
D 18 13C4 PFOS										M
503.00 > 80.00	3.801	3.802	-0.001	1.089	824732	1.17		98.2	1613	M
20 Perfluorononanoic acid										M
463.00 > 419.00	3.821	3.822	-0.001	1.000	2908604	2.30	Target=7.92	92.2	861	
463.00 > 169.00	3.821	3.822	-0.001	1.000	369381		7.87(3.96-11.88)	92.2	994	M
D 19 13C5 PFNA										
468.00 > 423.00	3.821	3.822	-0.001	1.095	1550788	1.22		97.4	2911	
69 9-Chlorohexadecafluoro-3-oxanona										M
531.00 > 351.00	3.969	3.969	0.0	1.044	2607229	2.14		91.8	2633	M
68 Perfluorononanesulfonic acid										M
549.00 > 80.00	4.104	4.093	0.011	1.080	1207870	2.24	Target=2.52	93.1	1449	M
549.00 > 99.00	4.104	4.093	0.011	1.080	477549		2.53(1.26-3.78)	93.1	1581	M
25 1H,1H,2H,2H-perfluorodecanesulfo										M
527.00 > 507.00	4.138	4.127	0.011	1.000	399769	2.28		95.1	1055	M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
24 Perfluorodecanoic acid										M
513.00 > 469.00	4.127	4.127	0.0	1.000	2964619	2.40	Target=9.74	95.8	1253	M
513.00 > 169.00	4.127	4.127	0.0	1.000	311853		9.51(4.87-14.60)	95.8	1256	M
D 23 13C2 PFDA										M
515.00 > 470.00	4.127	4.127	0.0	1.183	1471206	1.19		95.0	1753	M
D 26 M2-8:2 FTS										
529.00 > 81.00	4.138	4.138	0.0	1.186	217682	1.15		95.9	881	
D 21 13C8 FOSA										M
506.00 > 78.00	4.184	4.173	0.011	1.199	1316398	1.21		97.1	1335	M
22 Perfluorooctanesulfonamide										M
498.00 > 78.00	4.184	4.173	0.011	1.000	2577197	2.40		96.1	1784	M
28 N-methylperfluorooctanesulfonami										M
570.00 > 419.00	4.273	4.273	0.0	1.000	350351	2.40		95.9	733	M
D 27 d3-NMeFOSAA										M
573.00 > 419.00	4.273	4.273	0.0	1.224	205583	1.24		99.0	317	M
29 Perfluorodecanesulfonic acid										M
599.00 > 80.00	4.376	4.365	0.011	1.151	934202	2.32	Target=2.62	96.4	1664	M
599.00 > 99.00	4.376	4.365	0.011	1.151	353361		2.64(1.31-3.93)	96.4	916	M
D 30 13C2 PFUnA										M
565.00 > 520.00	4.398	4.399	-0.001	1.260	1162923	1.24		99.1	1776	M
31 Perfluoroundecanoic acid										M
563.00 > 519.00	4.398	4.399	-0.001	1.000	2312817	2.35	Target=8.83	93.9	1168	M
563.00 > 169.00	4.398	4.399	-0.001	1.000	264049		8.76(4.41-13.24)	93.9	1477	
33 N-ethylperfluorooctanesulfonamid										M
584.00 > 419.00	4.410	4.410	0.0	1.000	329631	2.32		92.9	645	M
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.410	4.410	0.0	1.264	195385	1.24		99.4	775	
66 11-Chloroeicosafuoro-3-oxaundec										M
631.00 > 451.00	4.504	4.491	0.013	1.185	3478140	2.19		93.1	1902	M
D 36 13C2 PFDaA										
615.00 > 570.00	4.633	4.633	0.0	1.327	1195679	1.23		98.3	2245	
37 Perfluorododecanoic acid										M
613.00 > 569.00	4.643	4.633	0.010	1.002	2257049	2.33	Target=6.63	93.1	303	M
613.00 > 169.00	4.633	4.633	0.0	1.000	334655		6.74(3.32-9.95)	93.1	1448	M
74 1H,1H,2H,2H-perfluorododecanesul										
627.00 > 607.00	4.663	4.654	0.009	1.127	188626	2.30		95.4	1150	
75 Perfluorododecanesulfonic acid (										M
699.00 > 80.00	4.825	4.813	0.011	1.269	396436	2.22	Target=0.54	91.8	1233	M
699.00 > 99.00	4.825	4.813	0.011	1.269	734014		0.54(0.27-0.81)	91.8	1473	M
41 Perfluorotridecanoic acid										M
663.00 > 619.00	4.859	4.859	0.0	1.049	1962703	2.33	Target=4.62	93.4	317	M
663.00 > 169.00	4.859	4.859	0.0	1.049	432883		4.53(2.31-6.94)	93.4	1242	M
D 43 13C2 PFTeDA										M
715.00 > 670.00	5.062	5.052	0.010	1.450	979883	1.23		98.5	1469	M
42 Perfluorotetradecanoic acid										M
713.00 > 169.00	5.062	5.052	0.010	1.000	297564	2.37	Target=0.94	94.8	1044	M
713.00 > 219.00	5.052	5.052	0.0	0.998	304623		0.98(0.47-1.41)	94.8	1289	M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
45 Perfluorohexadecanoic acid										M
813.00 > 769.00	5.422	5.422	0.0	1.000	1990402	2.46	Target=4.40	98.3	399	M
813.00 > 169.00	5.422	5.422	0.0	1.000	458670		4.34(2.20-6.59)	98.3	1612	M
D 44 13C2 PFHxDA										
815.00 > 770.00	5.422	5.422	0.0	1.554	1123333	1.24		99.2	4304	
46 Perfluorooctadecanoic acid										M
913.00 > 869.00	5.785	5.786	-0.001	1.067	1396187	2.34	Target=4.42	93.5	266	M
913.00 > 169.00	5.785	5.786	-0.001	1.067	315550		4.42(2.21-6.63)	93.5	616	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

PFAS32NCIC5_00028

Amount Added: 100.00

Units: uL

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d

Injection Date: 03-Aug-2022 13:33:00

Instrument ID: LC812

Lims ID: IC

Client ID:

Operator ID: lc812tech

ALS Bottle#: 6

Worklist Smp#: 9

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

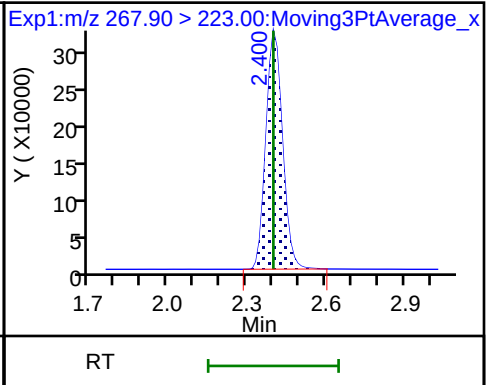
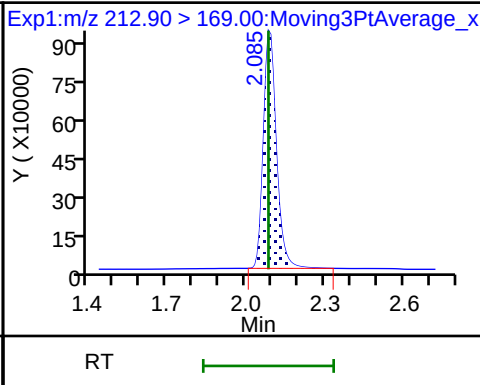
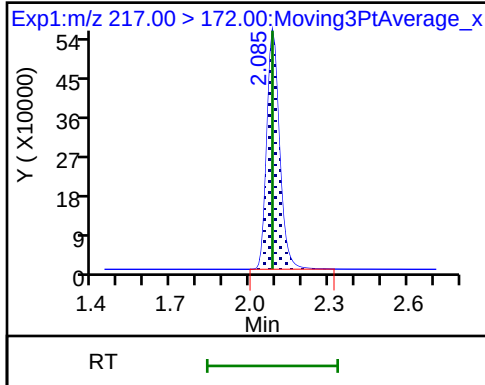
Method: PFC_LC812

Limit Group: LC_PFC_ICAL

D 1 13C4 PFBA (M)

2 Perfluorobutanoic acid (M)

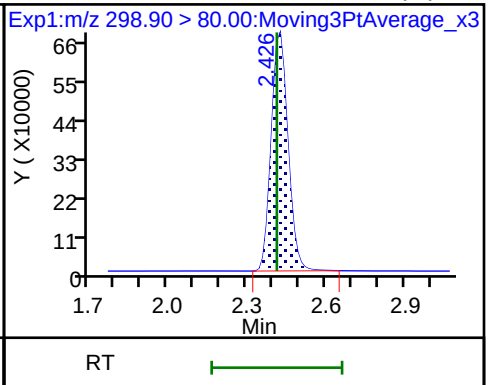
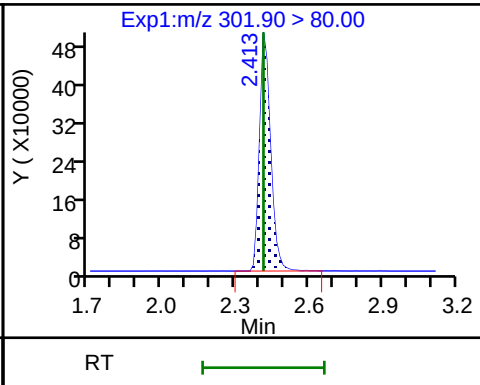
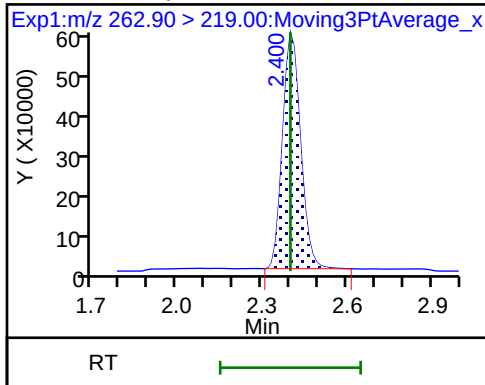
D 3 13C5 PFPeA



4 Perfluoropentanoic acid

D 47 13C3 PFBS

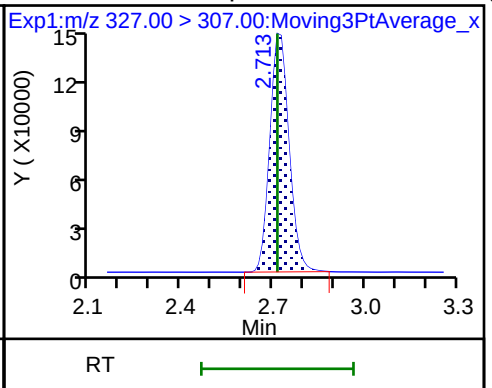
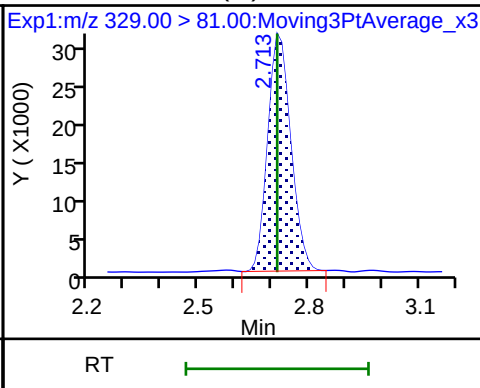
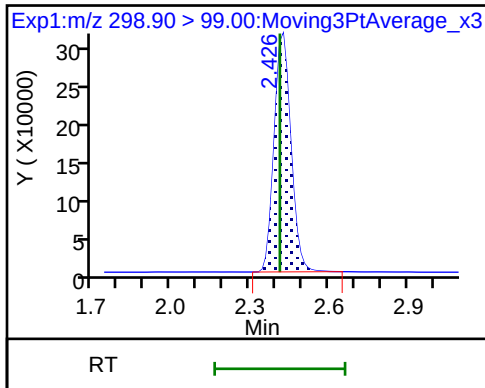
5 Perfluorobutanesulfonic acid (M)



5 Perfluorobutanesulfonic acid

D 60 M2-4:2 FTS (M)

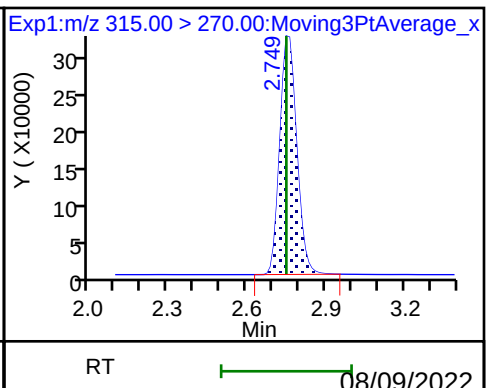
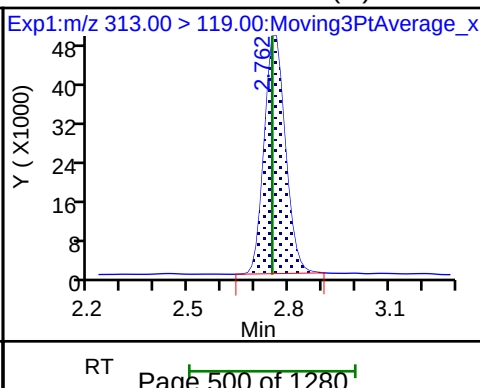
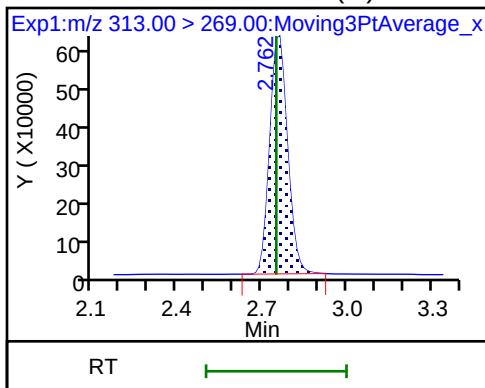
61 1H,1H,2H,2H-perfluorohexanesulfo (M)



6 Perfluorohexanoic acid (M)

6 Perfluorohexanoic acid (M)

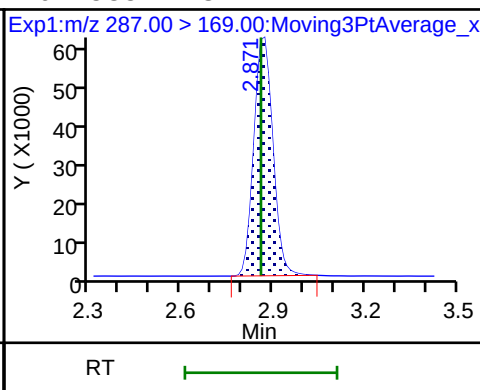
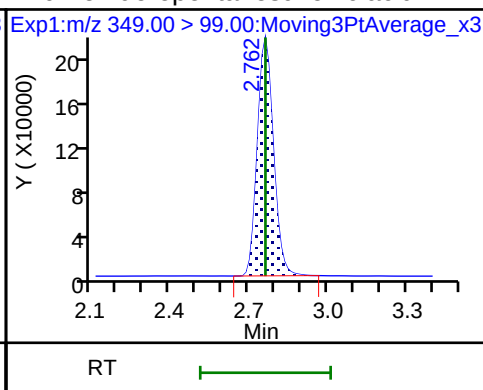
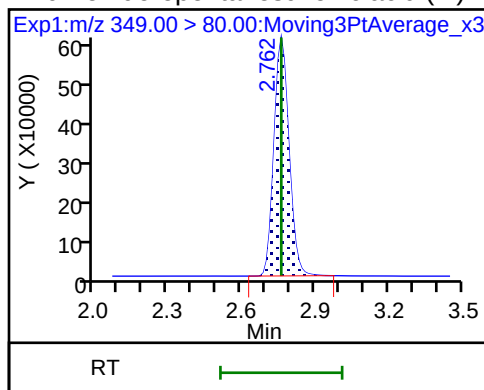
D 7 13C2 PFHxA



70 Perfluoropentanesulfonic acid (M)

70 Perfluoropentanesulfonic acid

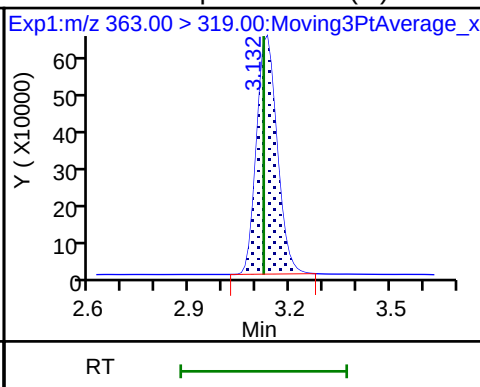
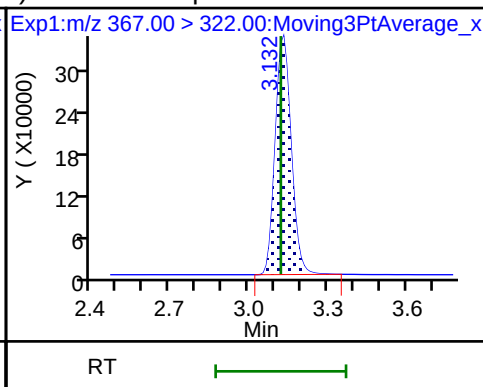
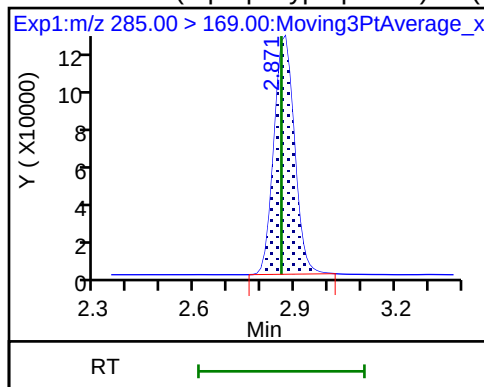
D 64 13C3 HFPO-DA



67 Perfluoro(2-propoxypropanoic) ac (M)

9 13C4 PFHpA

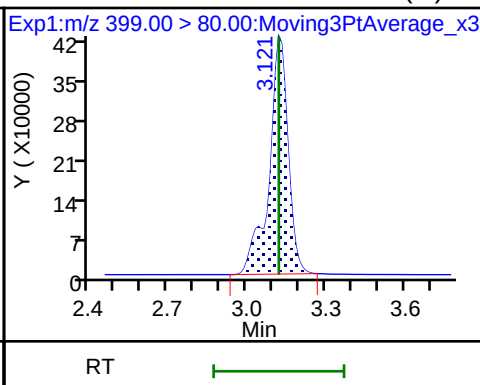
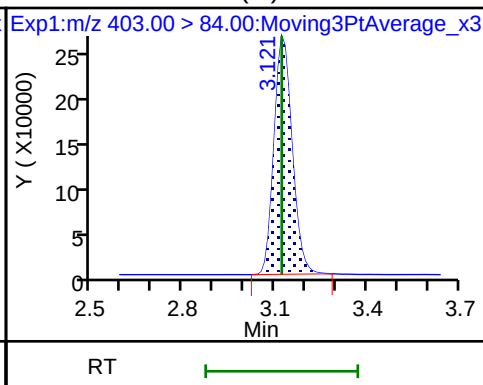
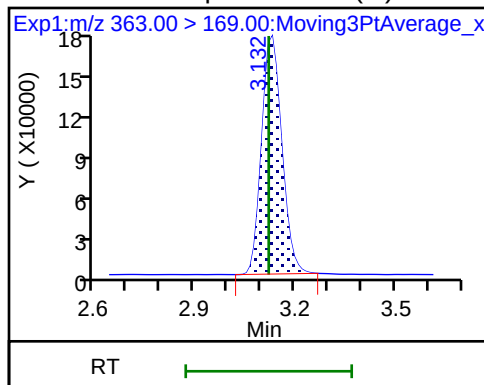
10 Perfluoroheptanoic acid (M)



10 Perfluoroheptanoic acid (M)

D 11 18O2 PFHxS (M)

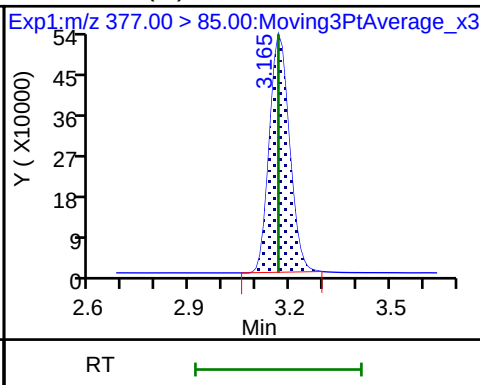
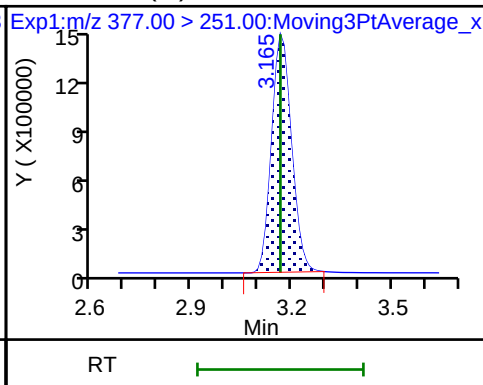
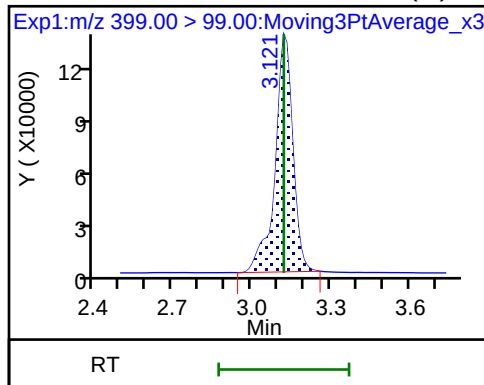
8 Perfluorohexanesulfonic acid (M)



8 Perfluorohexanesulfonic acid (M)

77 DONA (M)

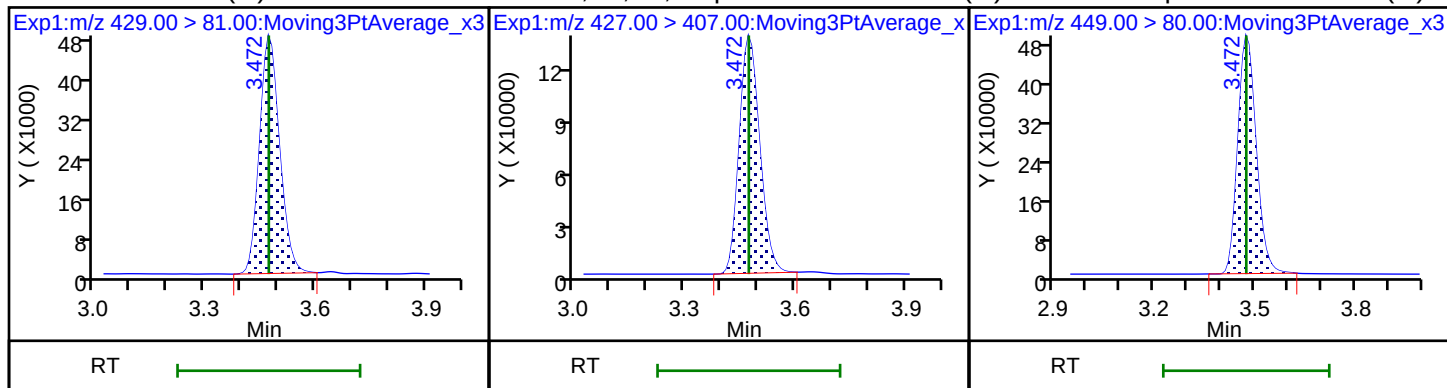
77 DONA (M)



D 12 M2-6:2 FTS (M)

13 1H,1H,2H,2H-perfluorooctanesulfo (M)

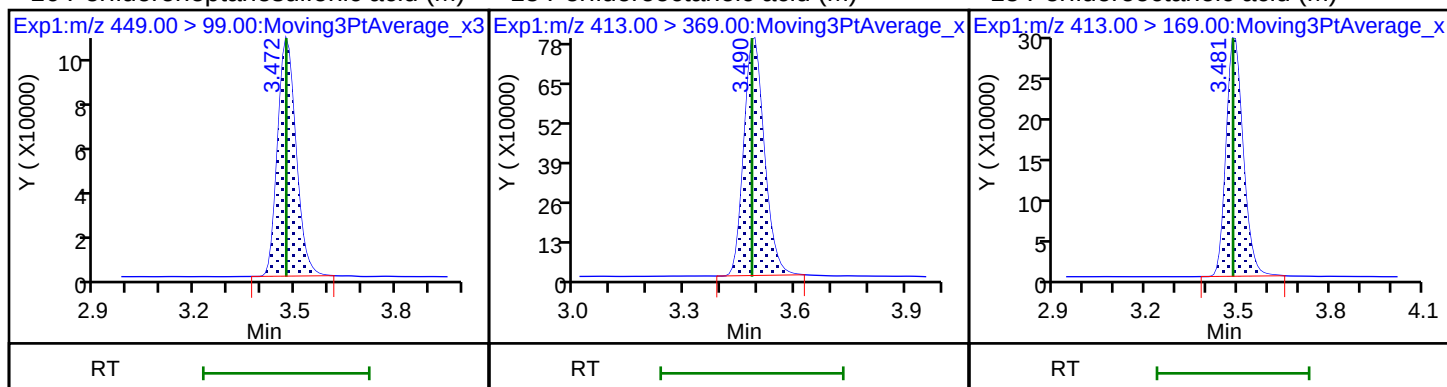
16 Perfluoroheptanesulfonic acid (M)



16 Perfluoroheptanesulfonic acid (M)

15 Perfluorooctanoic acid (M)

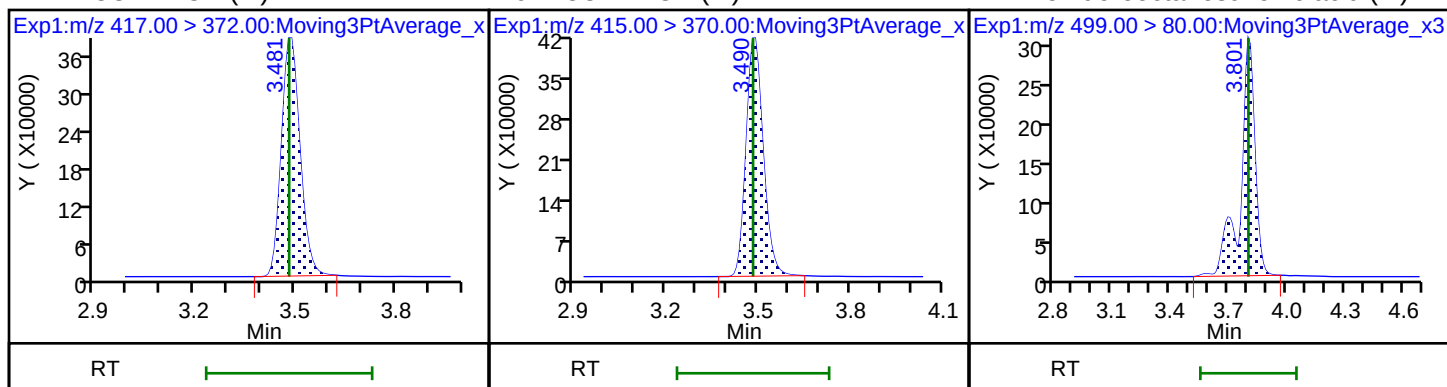
15 Perfluorooctanoic acid (M)



D 14 13C4 PFOA (M)

* 62 13C2 PFOA (M)

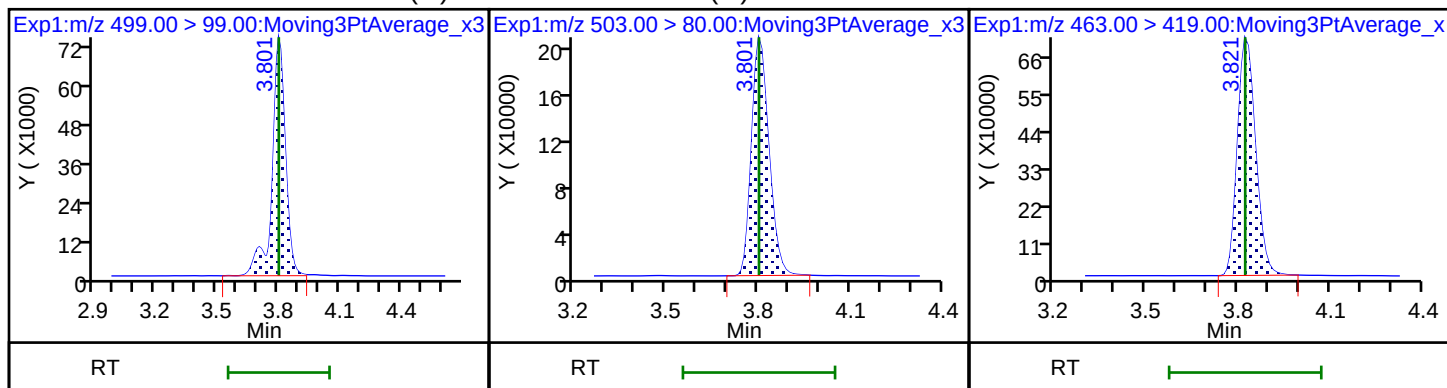
17 Perfluorooctanesulfonic acid (M)

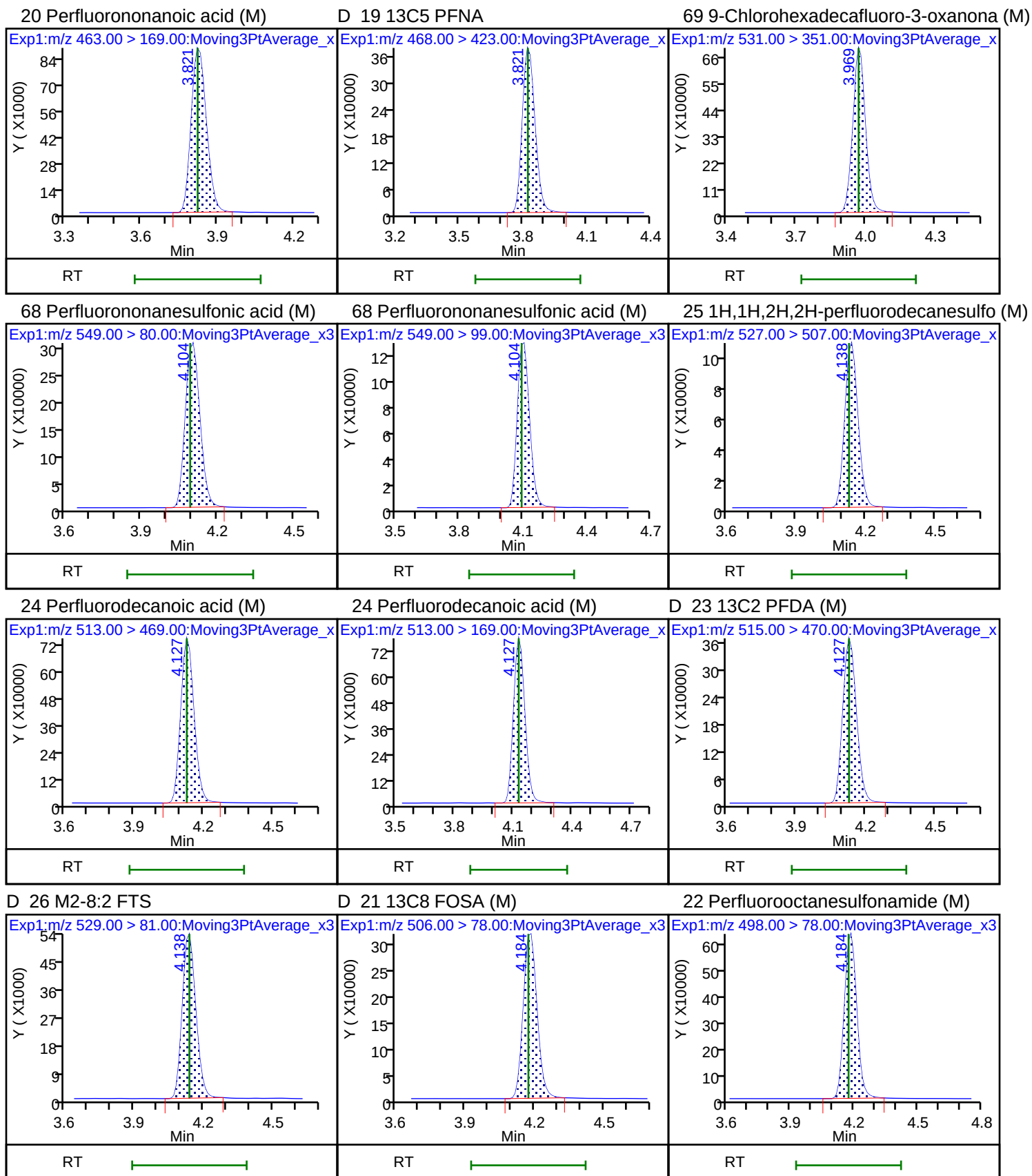


17 Perfluorooctanesulfonic acid (M)

D 18 13C4 PFOS (M)

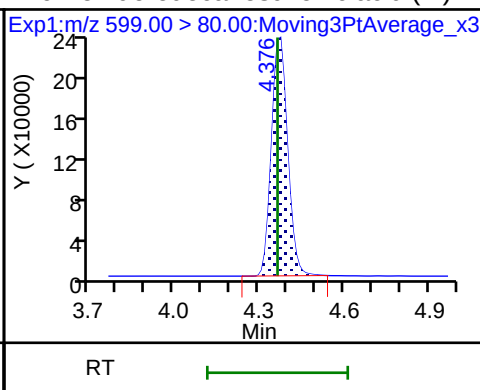
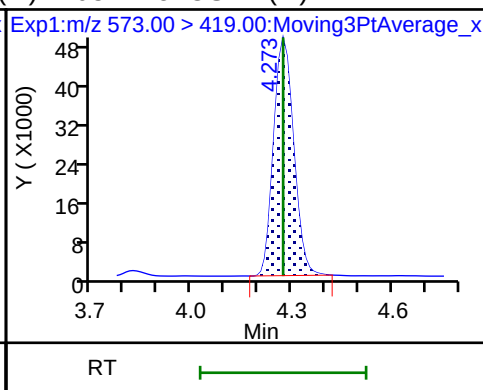
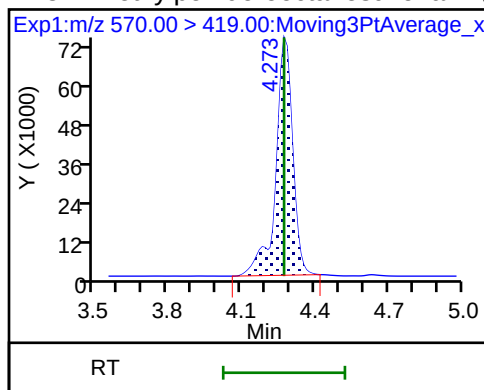
20 Perfluorononanoic acid





28 N-methylperfluorooctanesulfonami (M) 27 d3-NMeFOSAA (M)

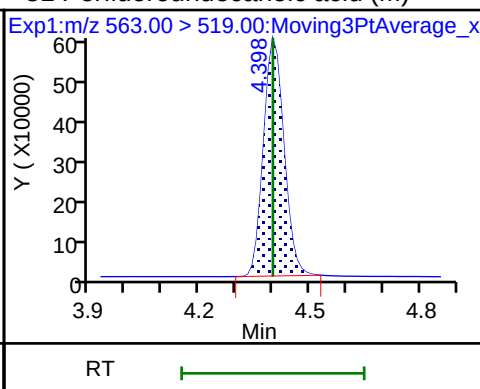
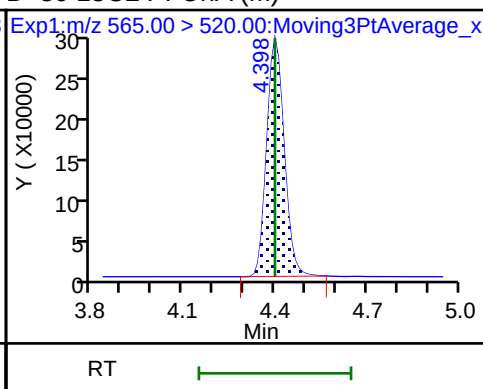
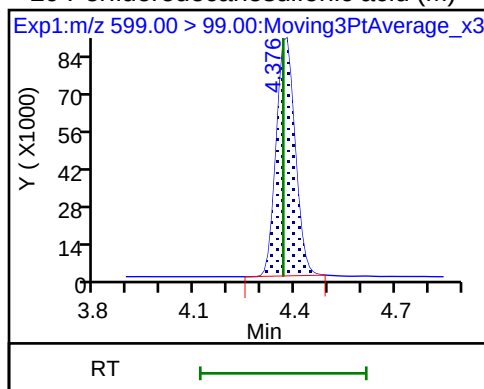
29 Perfluorodecanesulfonic acid (M)



29 Perfluorodecanesulfonic acid (M)

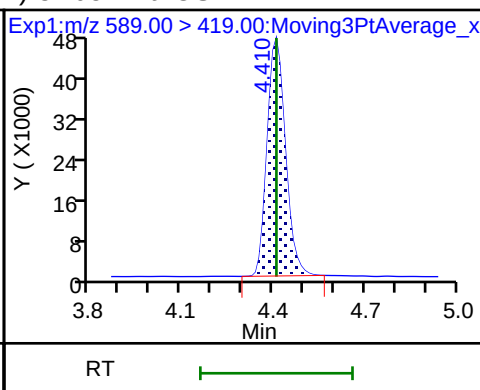
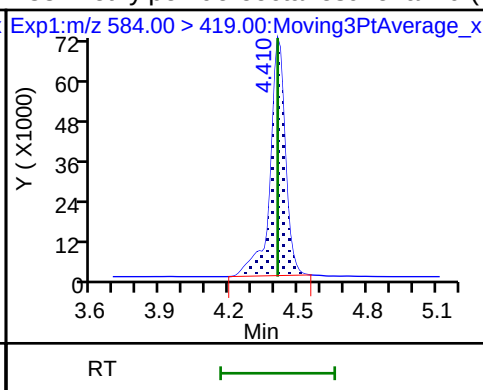
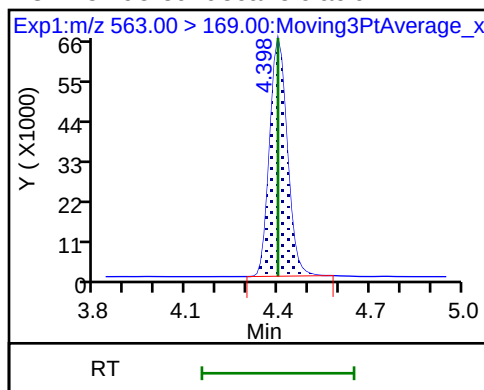
D 30 13C2 PFUnA (M)

31 Perfluoroundecanoic acid (M)



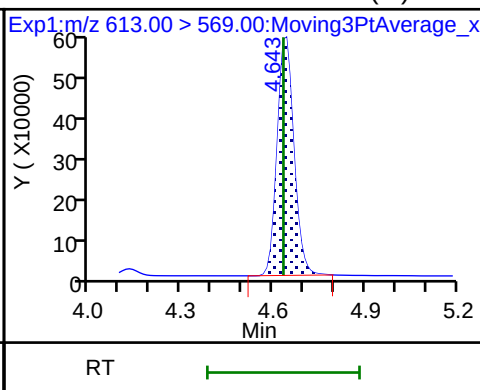
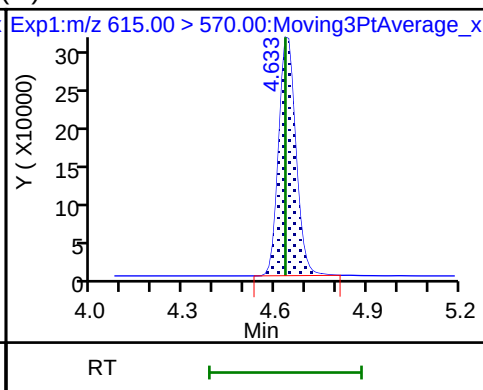
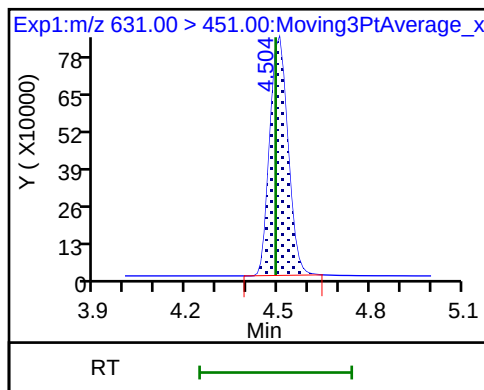
31 Perfluoroundecanoic acid

33 N-ethylperfluorooctanesulfonamid (M) 32 d5-NEtFOSAA



66 11-Chloroeicosafluoro-3-oxaundec (M) 36 13C2 PFDaA

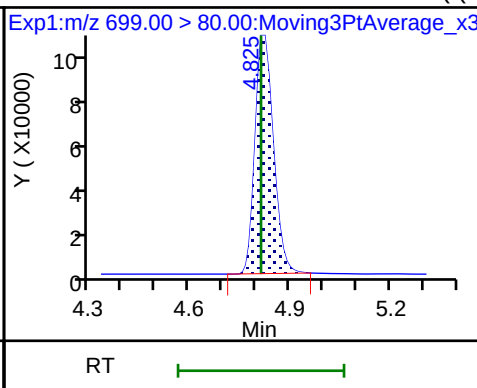
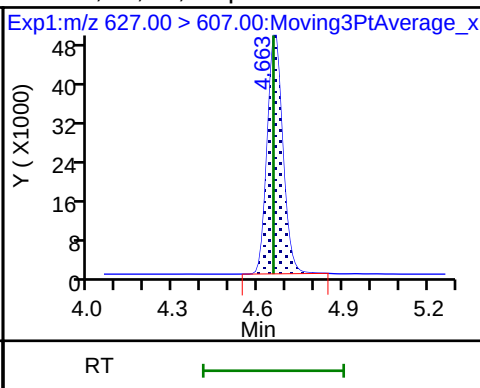
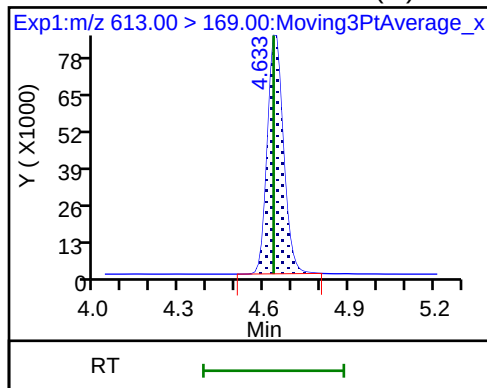
37 Perfluorododecanoic acid (M)



37 Perfluorododecanoic acid (M)

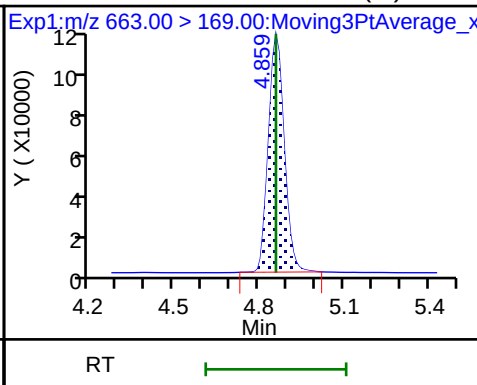
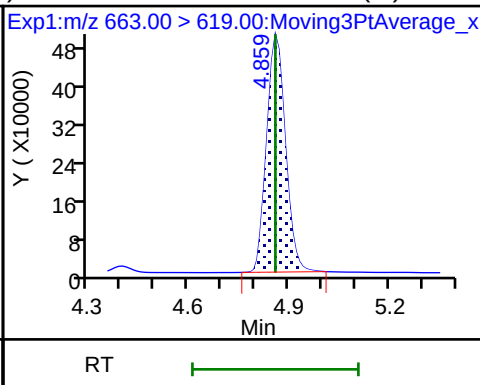
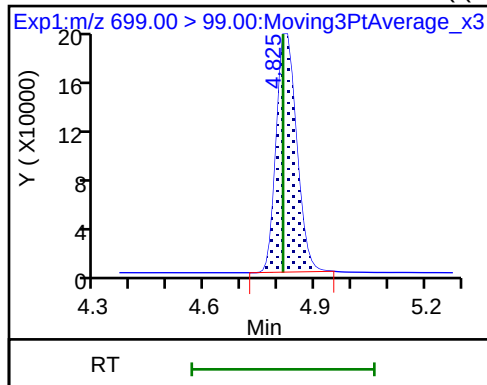
74 1H,1H,2H,2H-perfluorododecanesul

75 Perfluorododecanesulfonic acid (M)



75 Perfluorododecanesulfonic acid (M) 41 Perfluorotridecanoic acid (M)

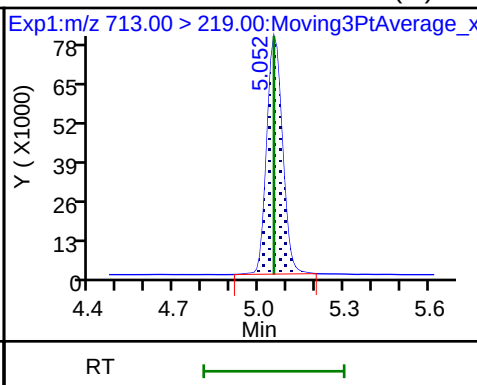
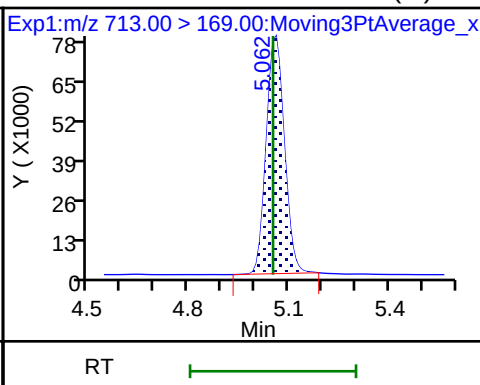
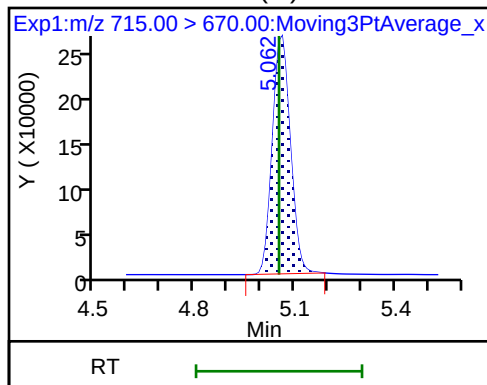
41 Perfluorotridecanoic acid (M)



D 43 13C2 PFTeDA (M)

42 Perfluorotetradecanoic acid (M)

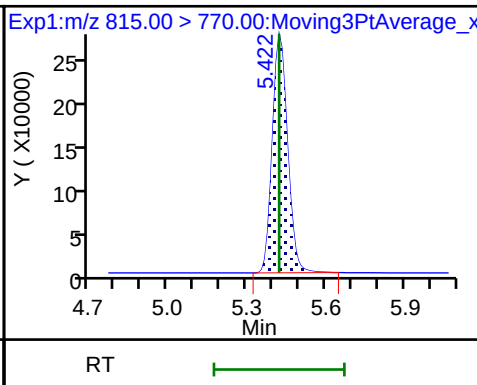
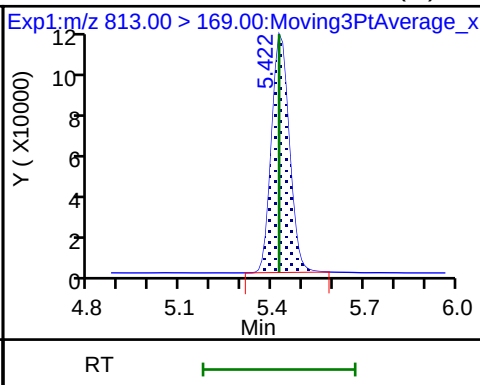
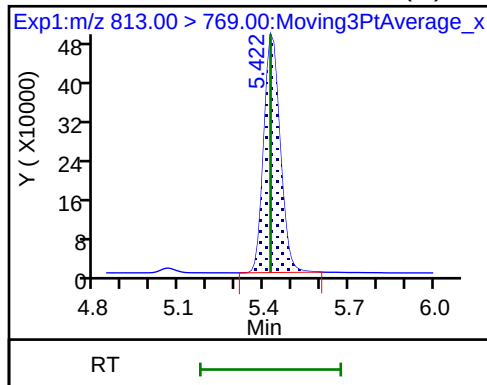
42 Perfluorotetradecanoic acid (M)



45 Perfluorohexadecanoic acid (M)

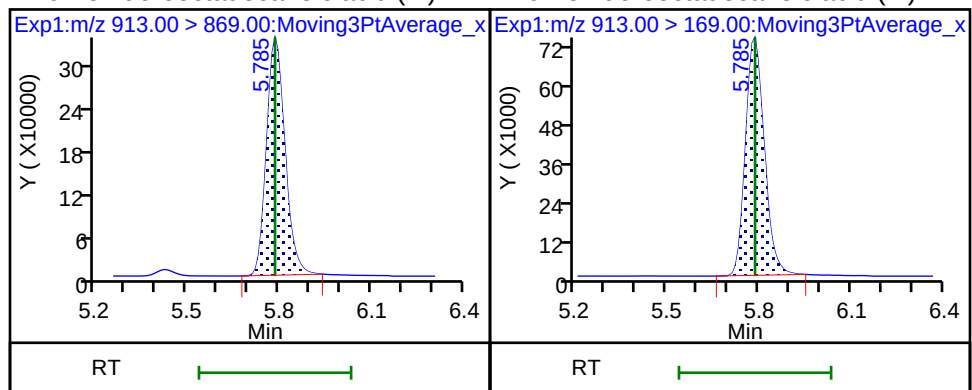
45 Perfluorohexadecanoic acid (M)

D 44 13C2 PFHxDA



46 Perfluorooctadecanoic acid (M)

46 Perfluorooctadecanoic acid (M)



Eurofins Burlington

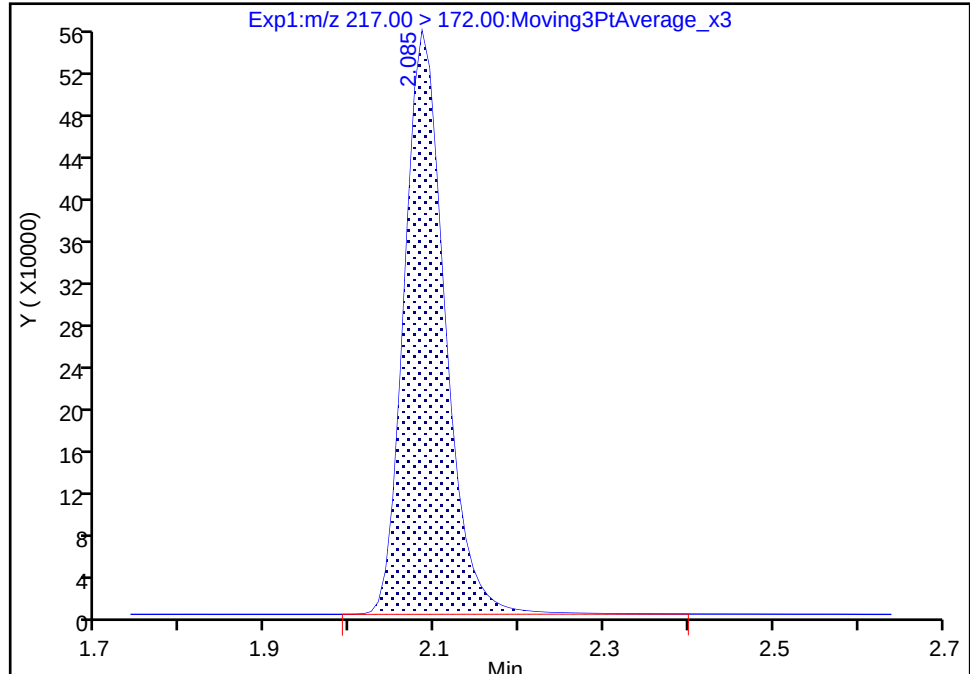
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 1 13C4 PFBA, CAS: STL00992

Signal: 1

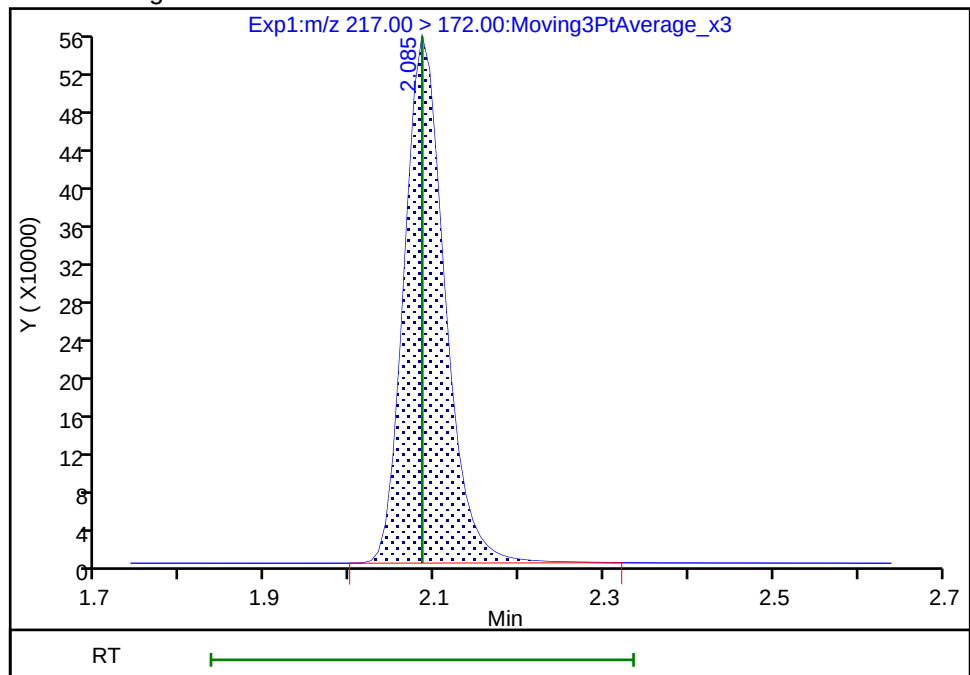
RT: 2.08
Area: 1861121
Amount: 1.242970
Amount Units: ng/ml

Processing Integration Results



RT: 2.08
Area: 1857803
Amount: 1.236030
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:52:33

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

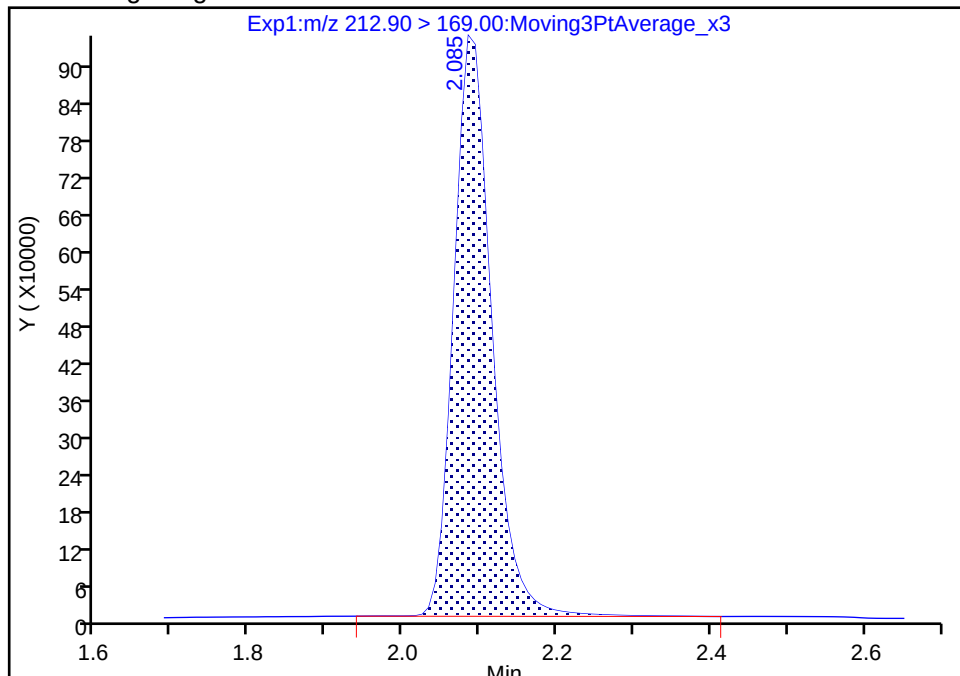
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

2 Perfluorobutanoic acid, CAS: 375-22-4

Signal: 1

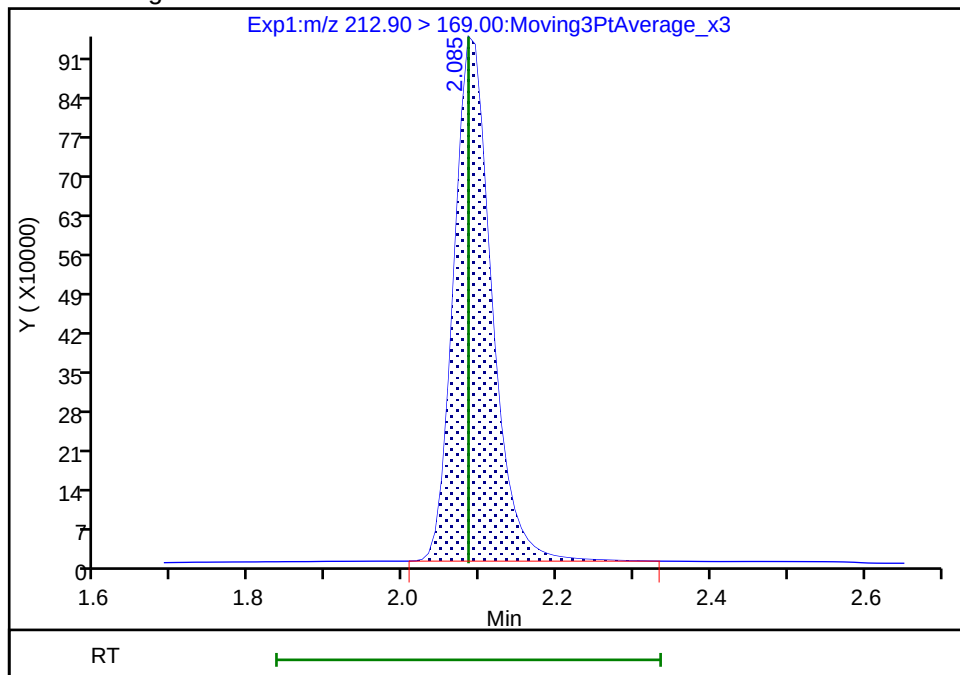
RT: 2.08
Area: 3199209
Amount: 2.224753
Amount Units: ng/ml

Processing Integration Results



RT: 2.08
Area: 3187659
Amount: 2.211817
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:52:37

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

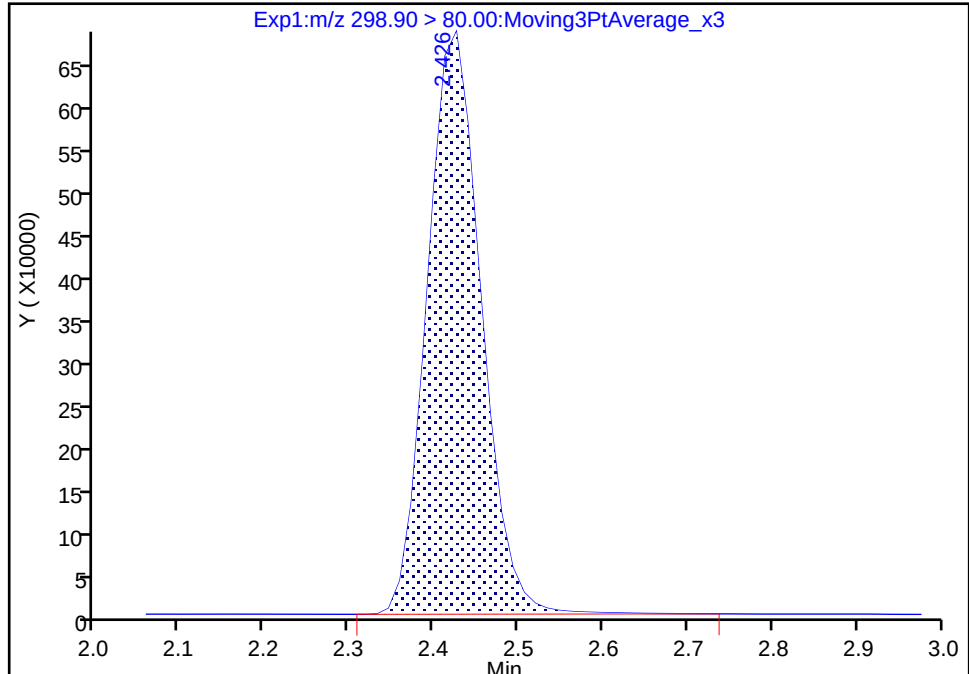
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

5 Perfluorobutanesulfonic acid, CAS: 375-73-5

Signal: 1

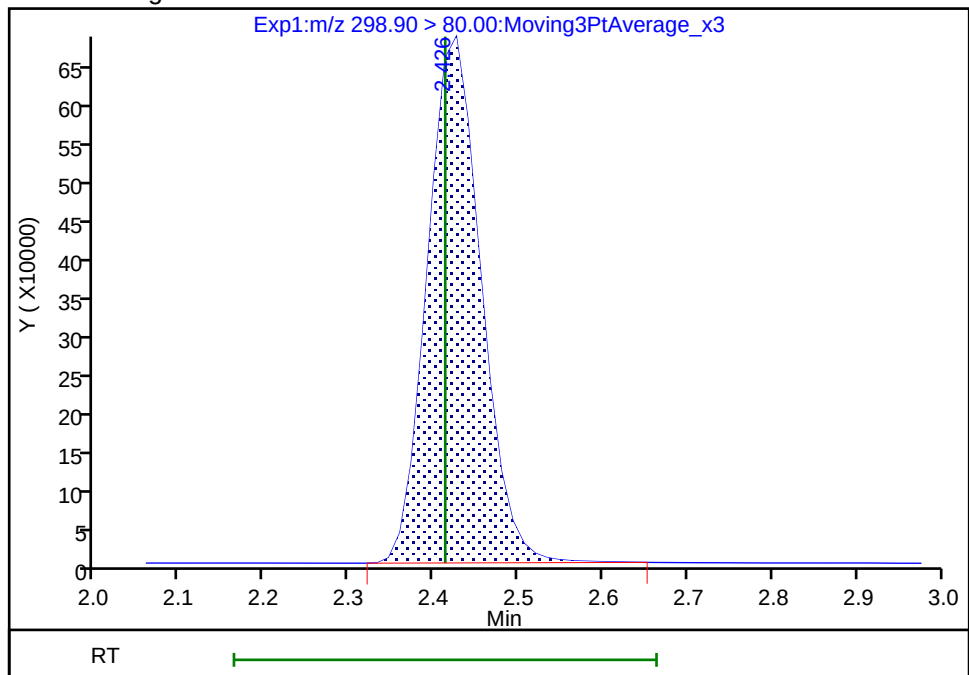
RT: 2.43
Area: 3006403
Amount: 2.042330
Amount Units: ng/ml

Processing Integration Results



RT: 2.43
Area: 2999148
Amount: 2.031310
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:55:06
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

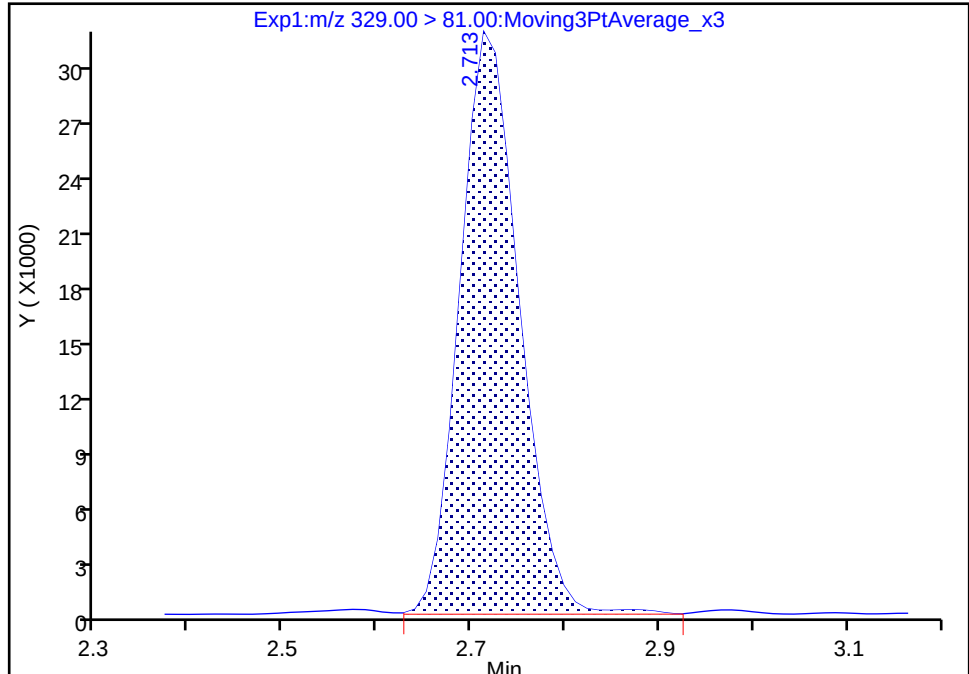
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 60 M2-4:2 FTS, CAS: STL02395

Signal: 1

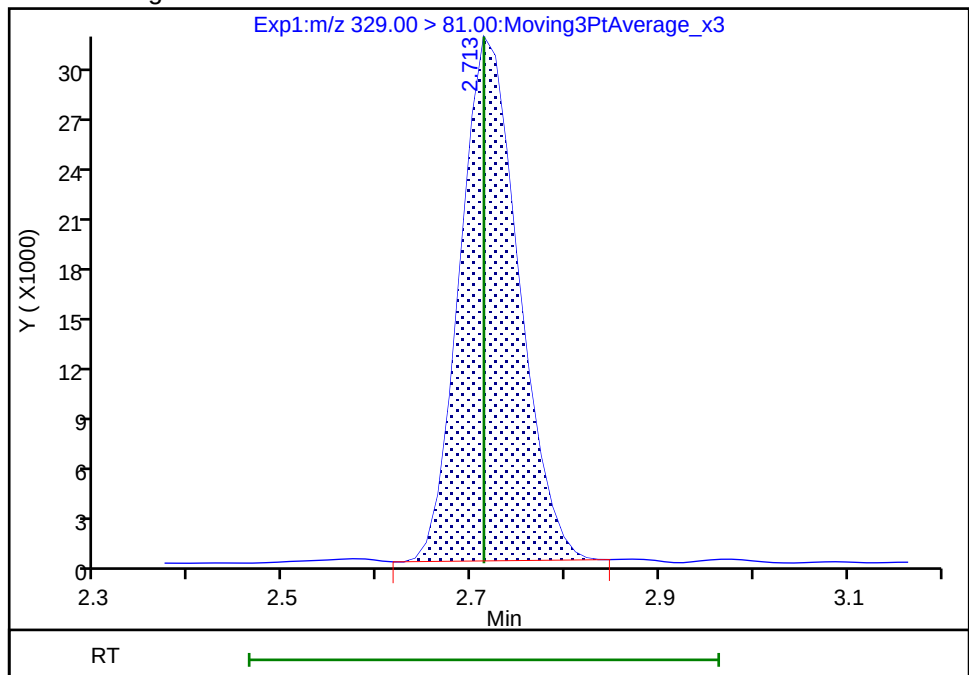
RT: 2.71
Area: 137527
Amount: 1.167094
Amount Units: ng/ml

Processing Integration Results



RT: 2.71
Area: 134930
Amount: 1.171661
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:55:11

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

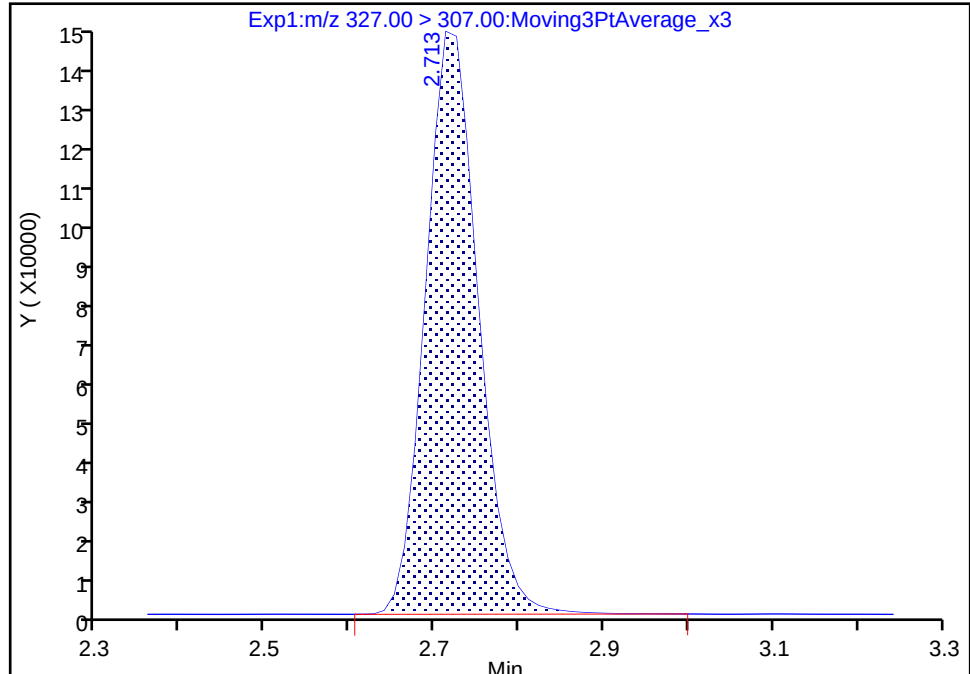
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

61 1H,1H,2H,2H-perfluorohexanesulfo, CAS: 757124-72-4

Signal: 1

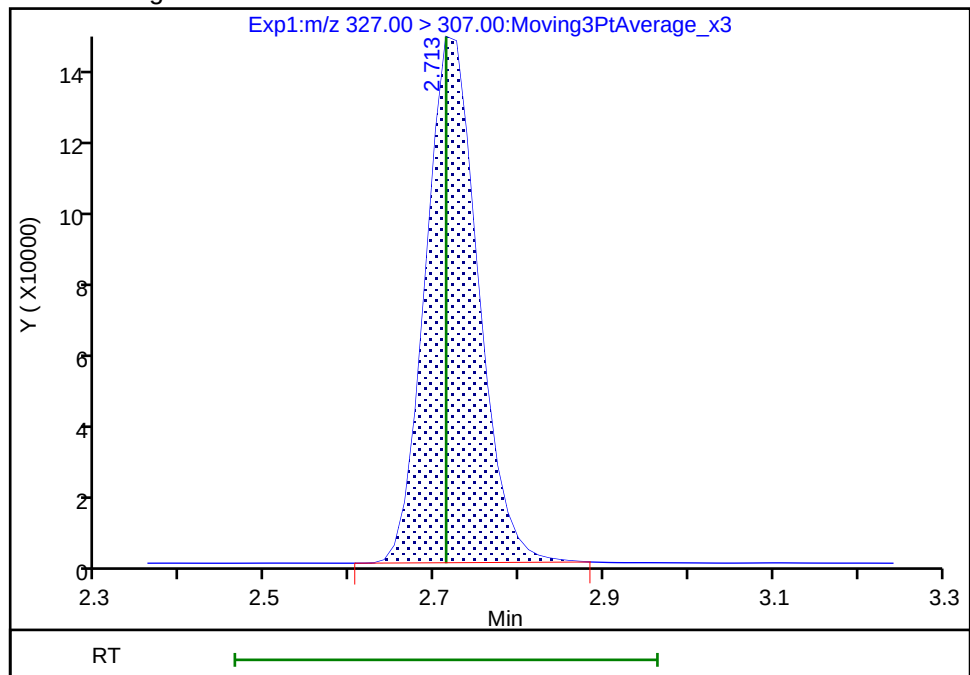
RT: 2.71
Area: 614788
Amount: 2.211290
Amount Units: ng/ml

Processing Integration Results



RT: 2.71
Area: 611993
Amount: 2.227895
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:55:15
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

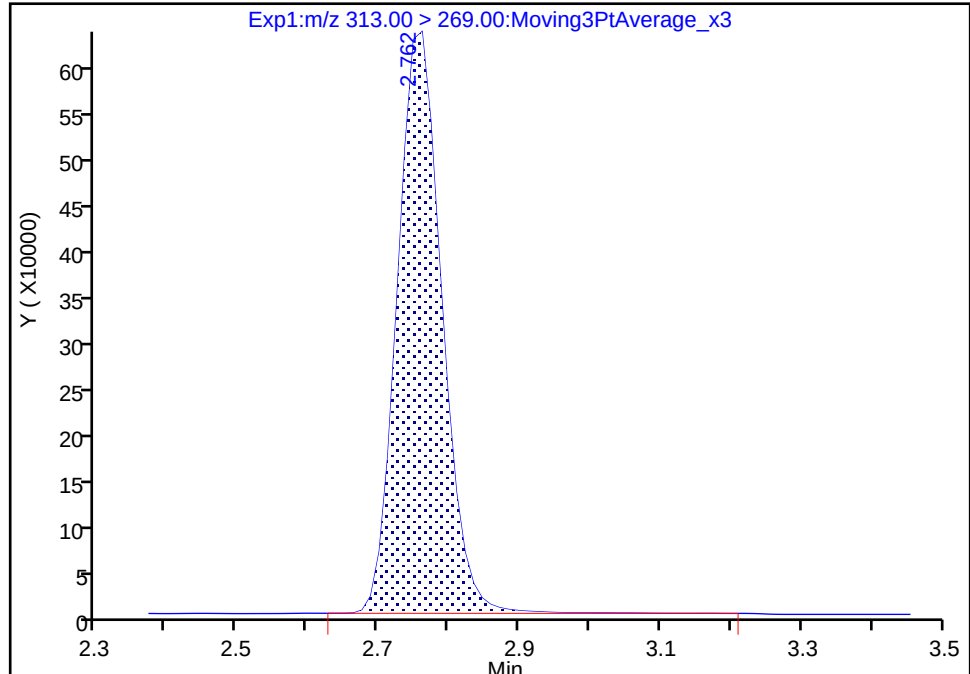
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

6 Perfluorohexanoic acid, CAS: 307-24-4

Signal: 1

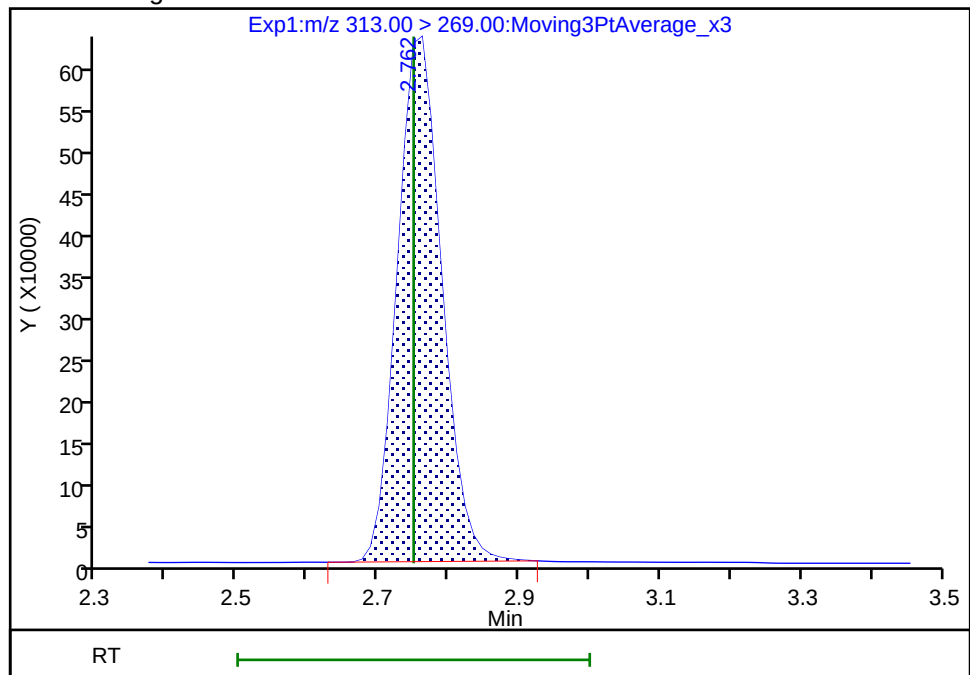
RT: 2.76
Area: 2780993
Amount: 2.310338
Amount Units: ng/ml

Processing Integration Results



RT: 2.76
Area: 2758598
Amount: 2.312091
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:55:20
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

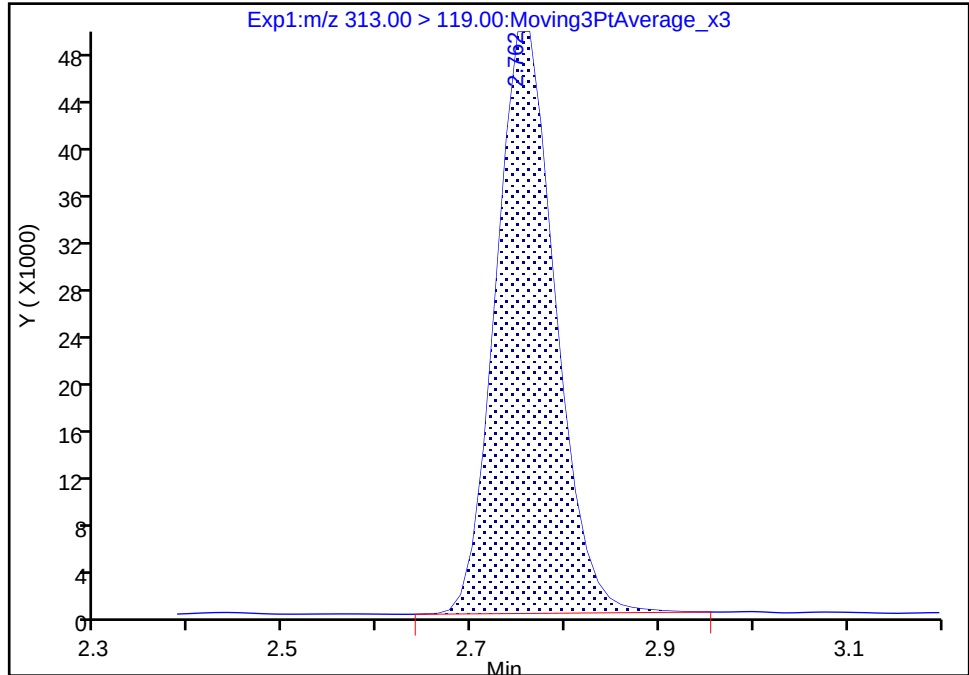
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

6 Perfluorohexanoic acid, CAS: 307-24-4

Signal: 2

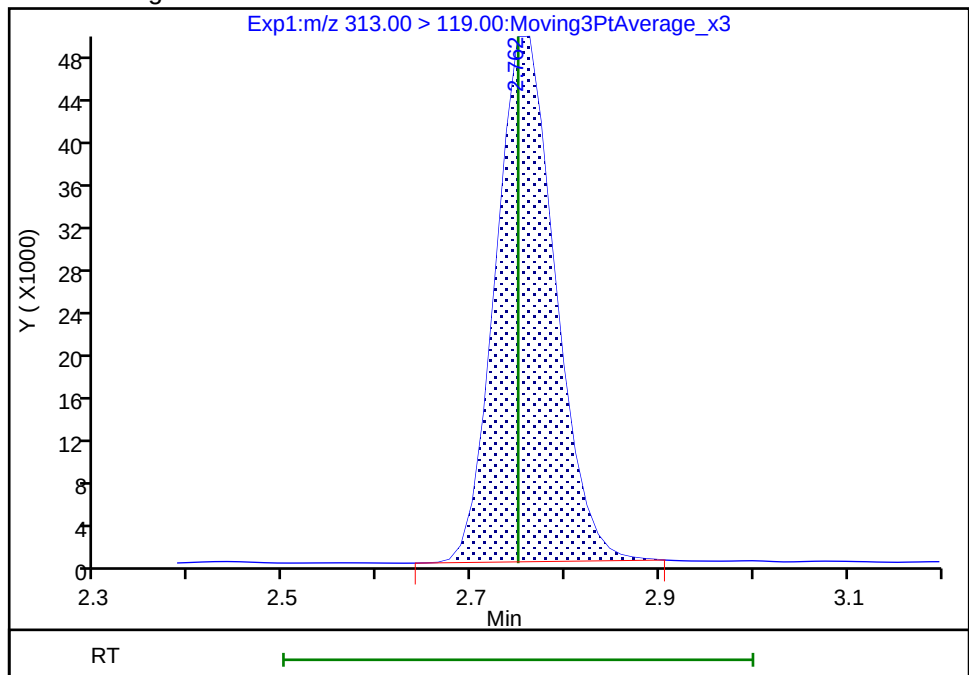
RT: 2.76
Area: 217185
Amount: 2.310338
Amount Units: ng/ml

Processing Integration Results



RT: 2.76
Area: 215969
Amount: 2.312091
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:55:24

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

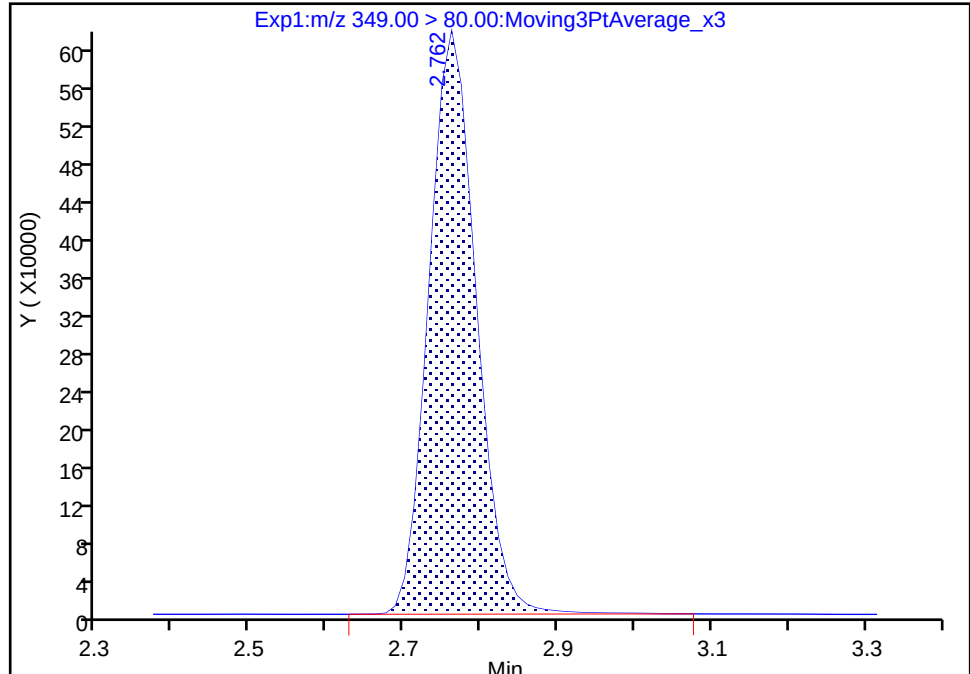
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

70 Perfluoropentanesulfonic acid, CAS: 2706-91-4

Signal: 1

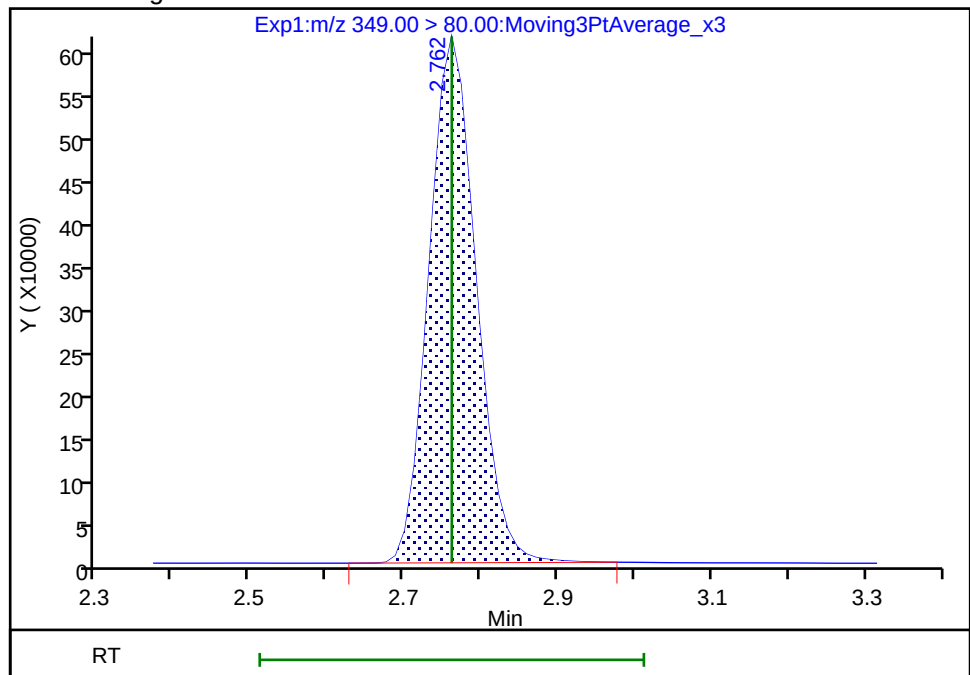
RT: 2.76
Area: 2612537
Amount: 2.173871
Amount Units: ng/ml

Processing Integration Results



RT: 2.76
Area: 2602336
Amount: 2.157408
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:55:52
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

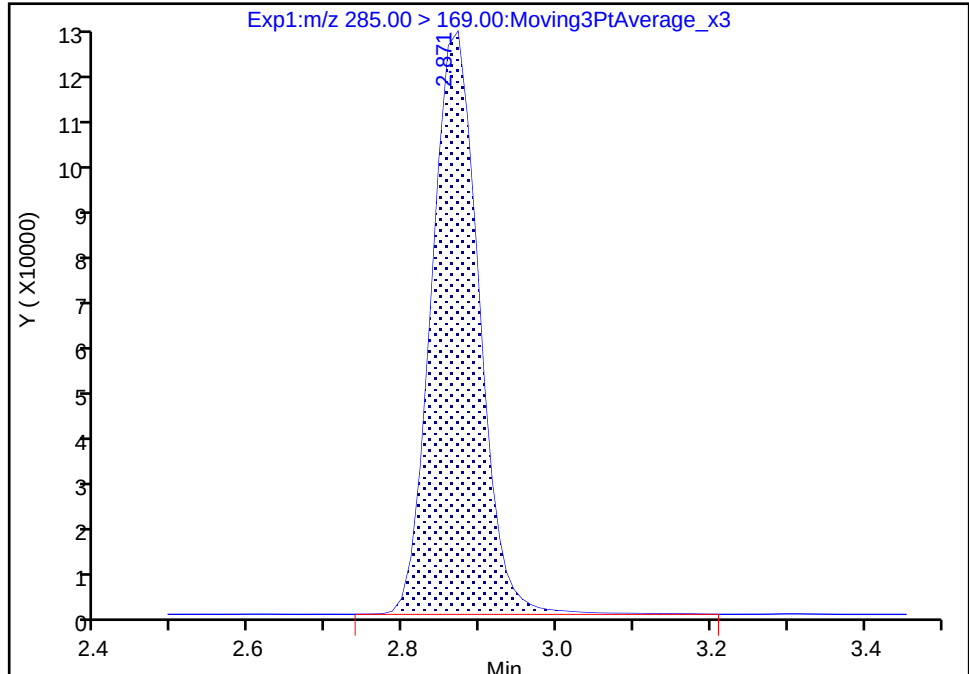
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

67 Perfluoro(2-propoxypropanoic) ac, CAS: 13252-13-6

Signal: 1

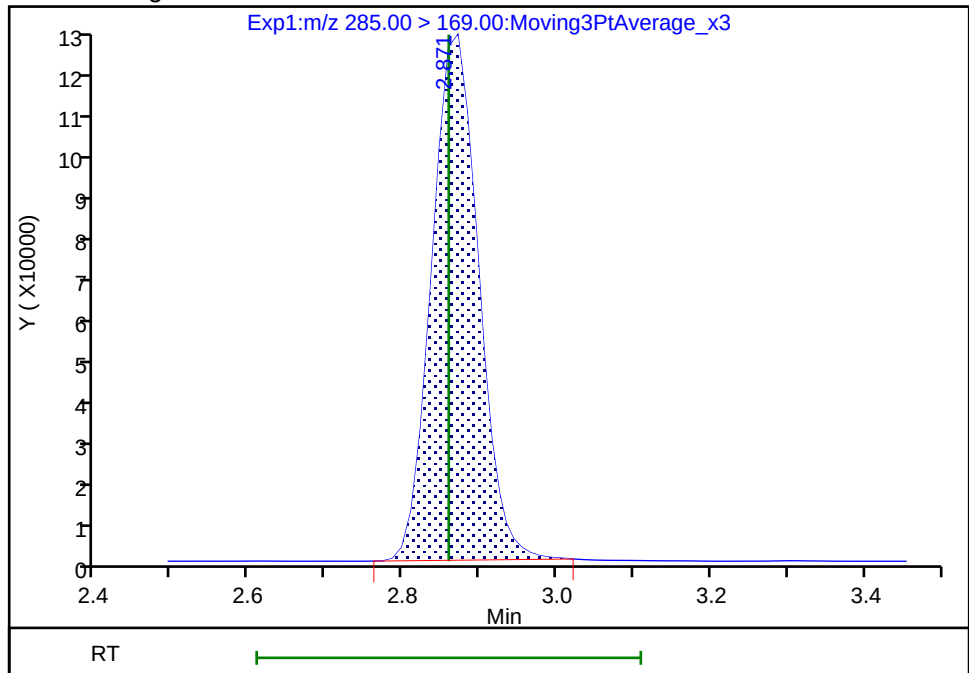
RT: 2.87
Area: 533041
Amount: 2.307024
Amount Units: ng/ml

Processing Integration Results



RT: 2.87
Area: 526717
Amount: 2.275259
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:55:57
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

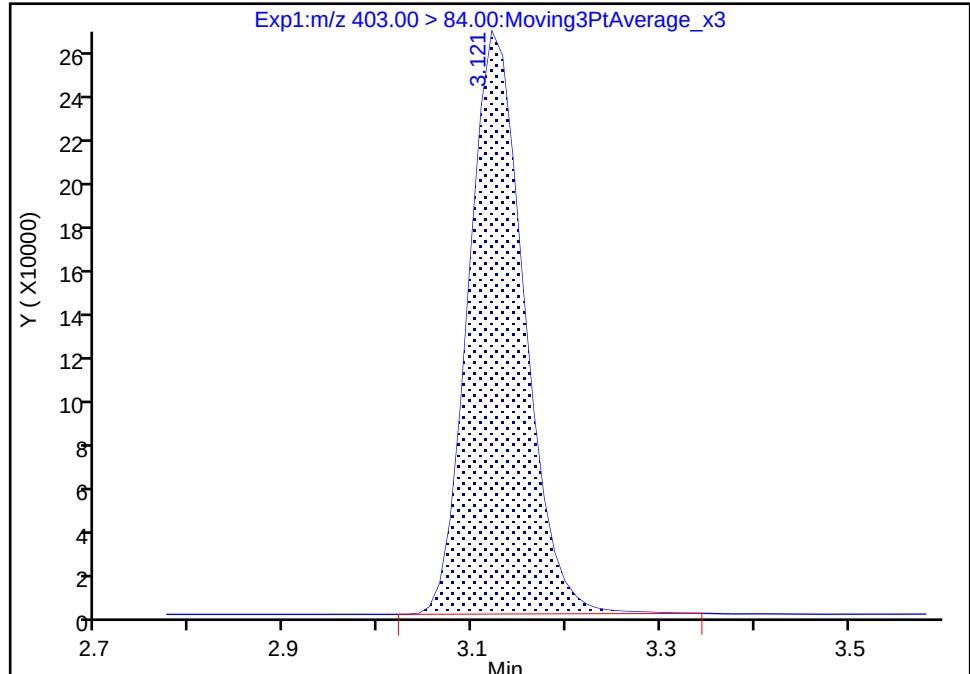
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 11 18O2 PFHxS, CAS: STL00994

Signal: 1

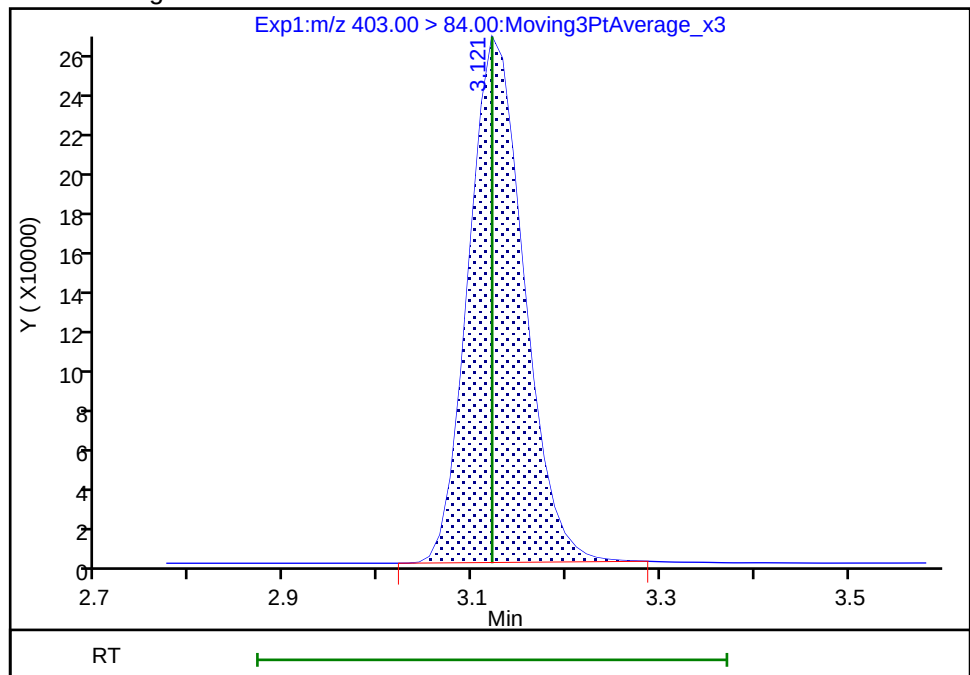
RT: 3.12
Area: 1105754
Amount: 1.118683
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 1100091
Amount: 1.169294
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:56:17

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

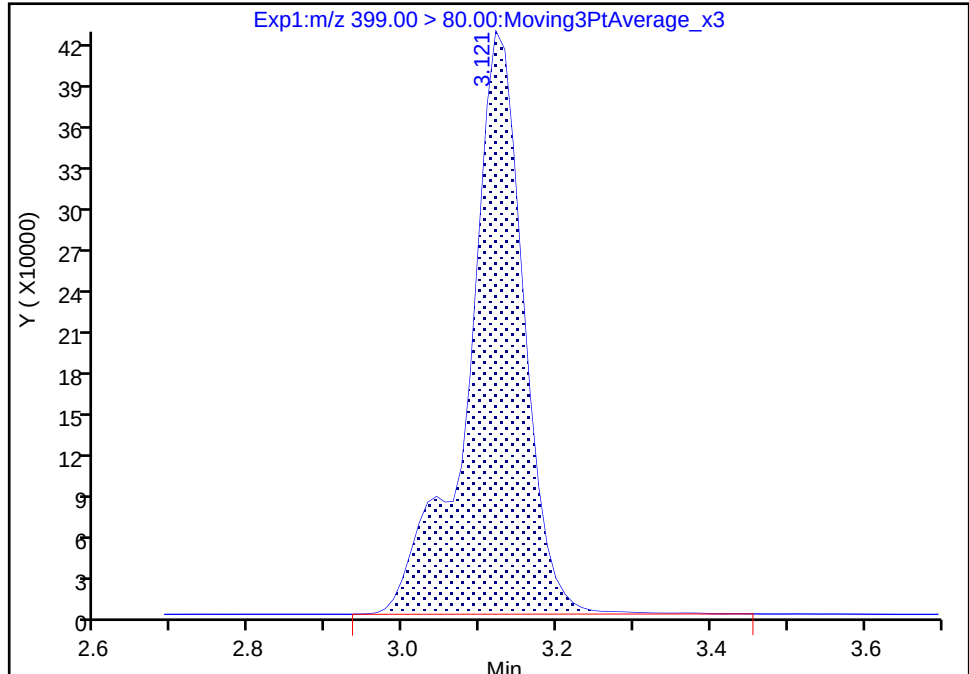
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 1

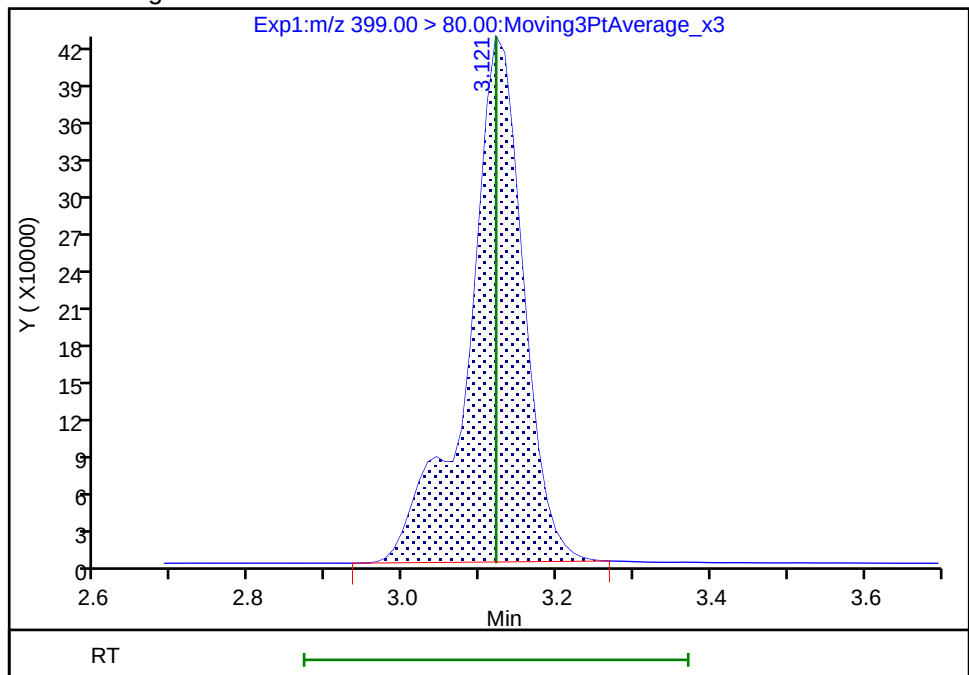
RT: 3.12
Area: 2121601
Amount: 2.057490
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 2100026
Amount: 2.046657
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:56:23
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

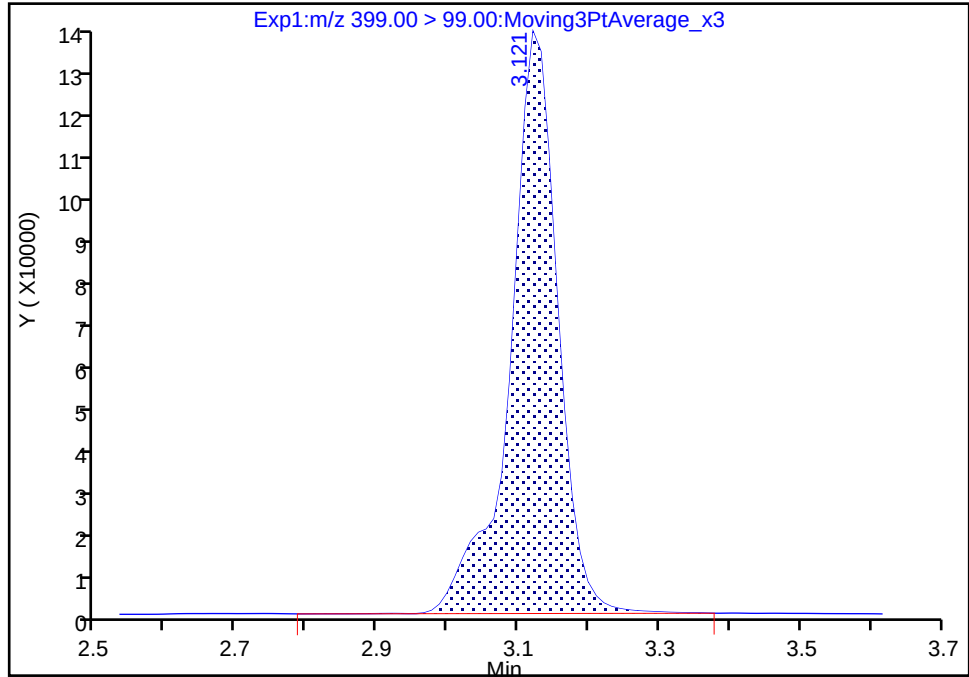
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 2

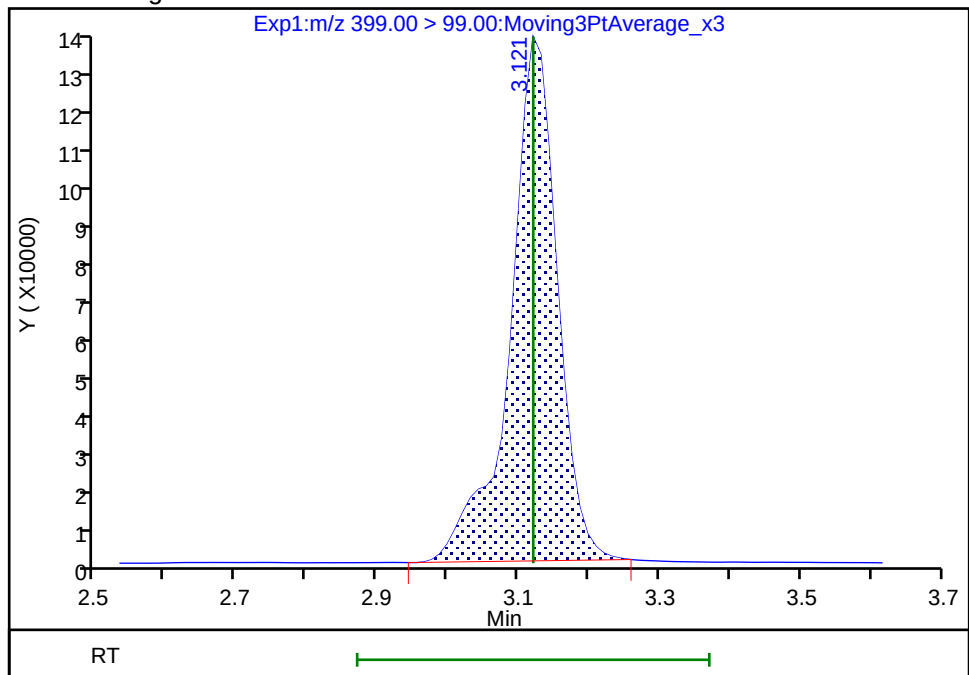
RT: 3.12
Area: 622549
Amount: 2.057490
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 613809
Amount: 2.046657
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:56:28

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

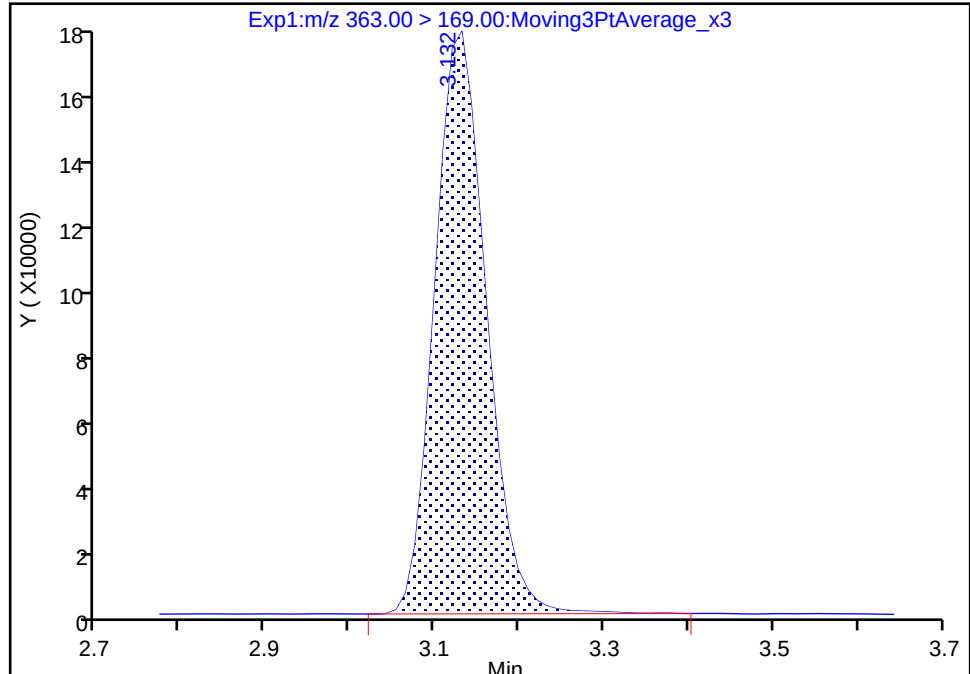
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

10 Perfluoroheptanoic acid, CAS: 375-85-9

Signal: 2

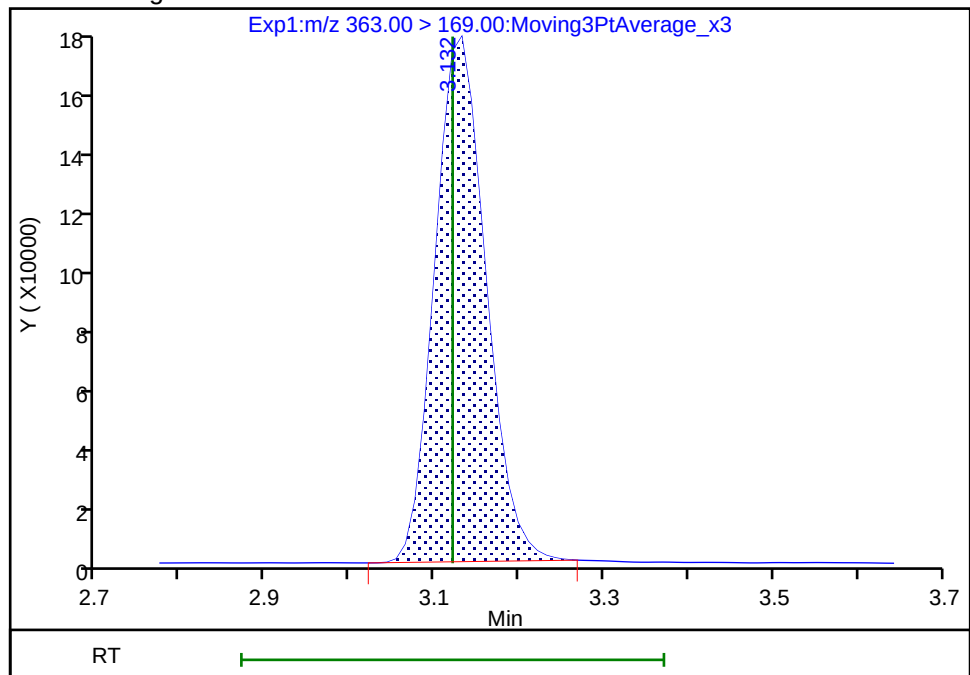
RT: 3.13
Area: 747052
Amount: 2.331953
Amount Units: ng/ml

Processing Integration Results



RT: 3.13
Area: 738346
Amount: 2.317492
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:56:08
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

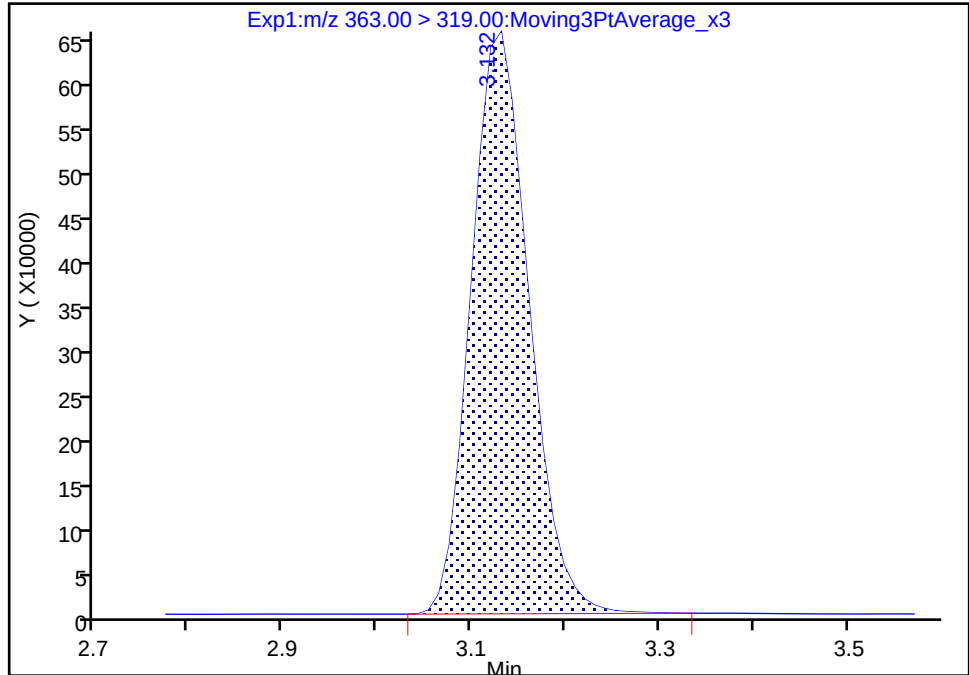
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

10 Perfluoroheptanoic acid, CAS: 375-85-9

Signal: 1

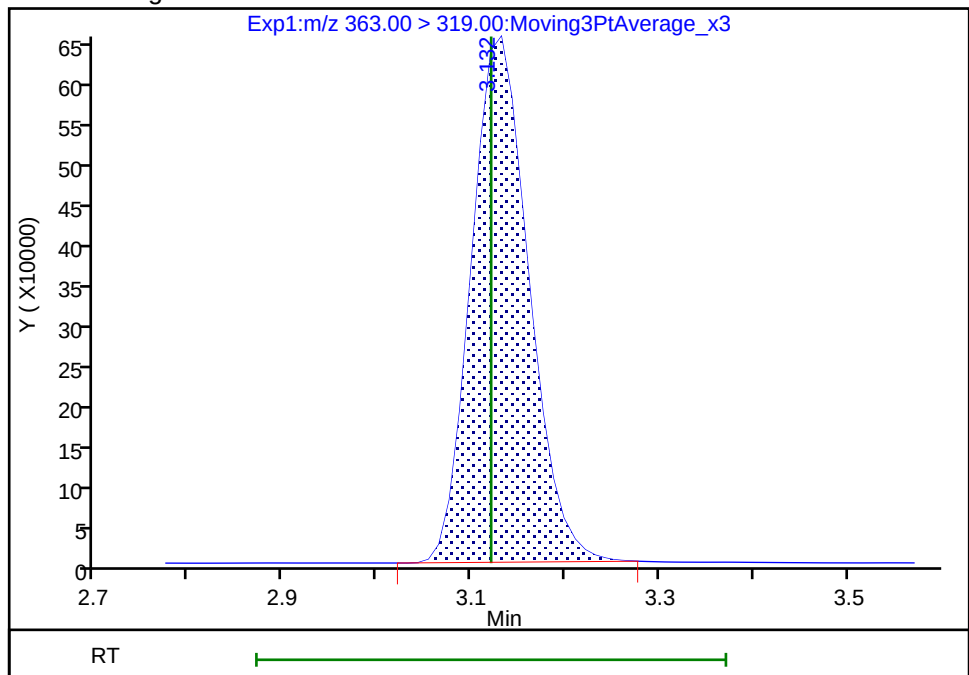
RT: 3.13
Area: 2807999
Amount: 2.331953
Amount Units: ng/ml

Processing Integration Results



RT: 3.13
Area: 2794876
Amount: 2.317492
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:56:12

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

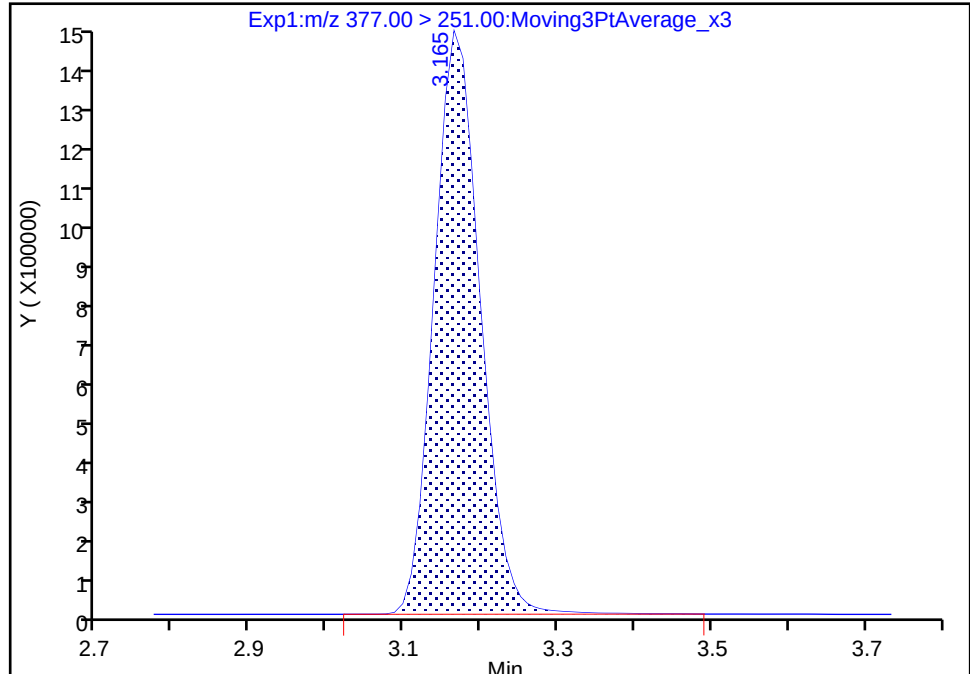
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

77 DONA, CAS: 919005-14-4

Signal: 1

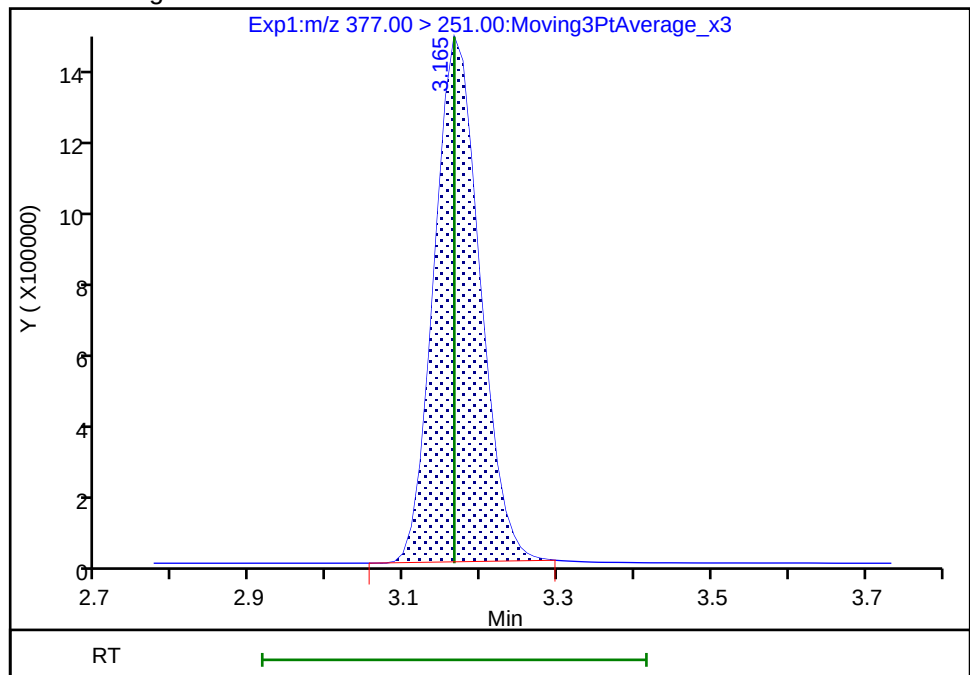
RT: 3.16
Area: 6147886
Amount: 2.235936
Amount Units: ng/ml

Processing Integration Results



RT: 3.16
Area: 6067195
Amount: 2.134400
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:56:35
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

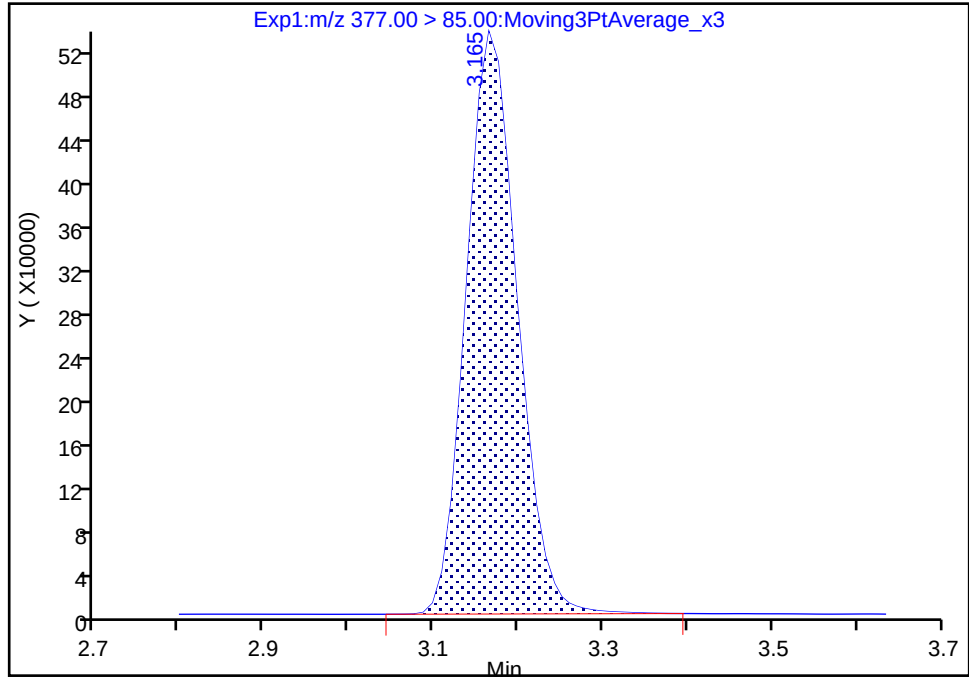
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

77 DONA, CAS: 919005-14-4

Signal: 2

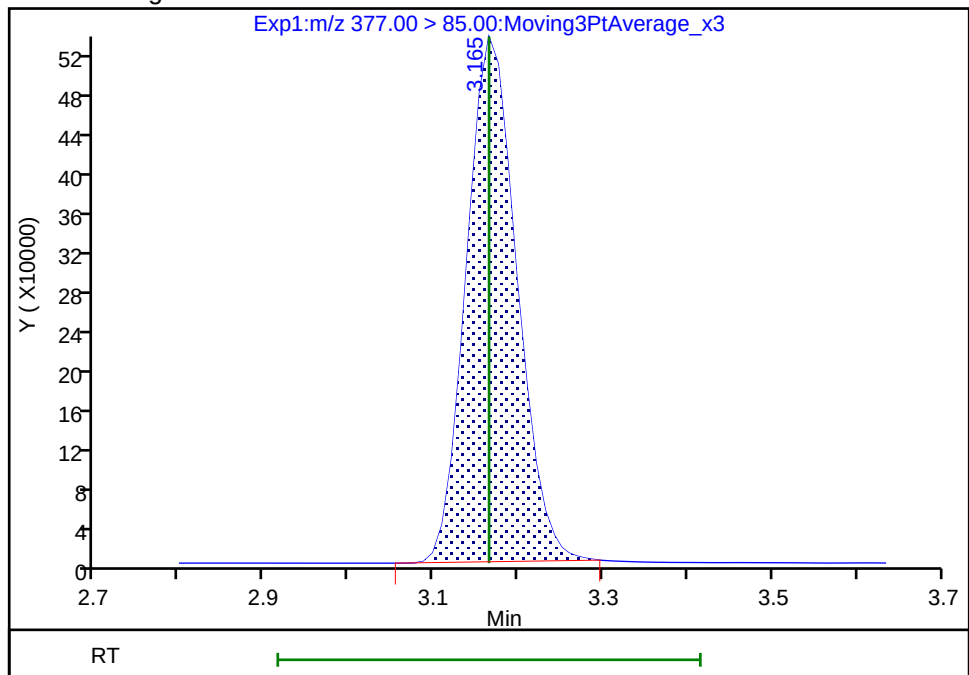
RT: 3.16
Area: 2217052
Amount: 2.235936
Amount Units: ng/ml

Processing Integration Results



RT: 3.16
Area: 2193406
Amount: 2.134400
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:56:39

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

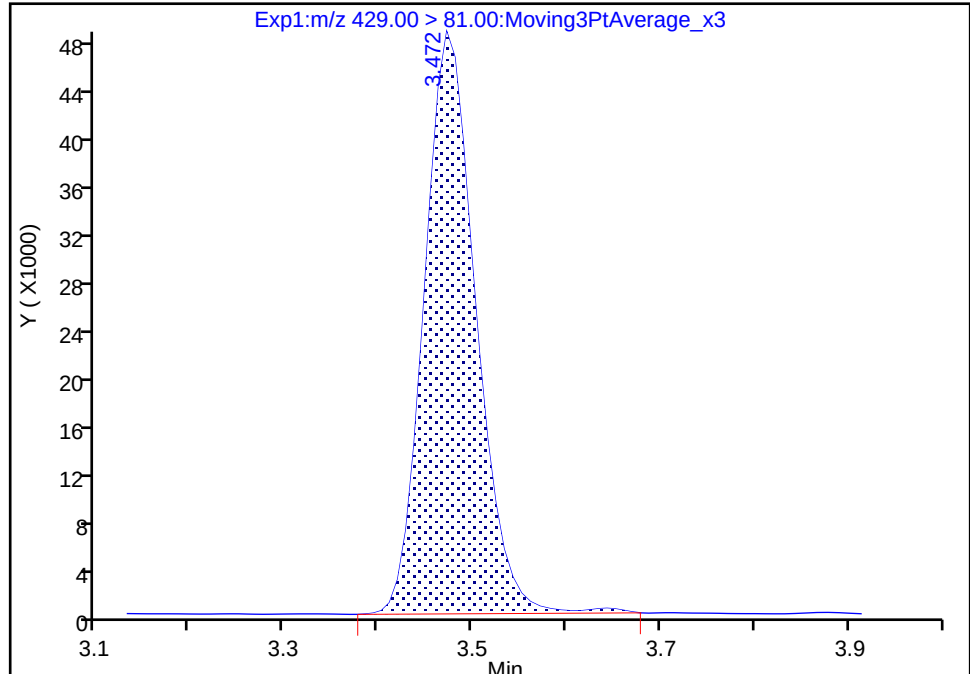
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 12 M2-6:2 FTS, CAS: STL02279

Signal: 1

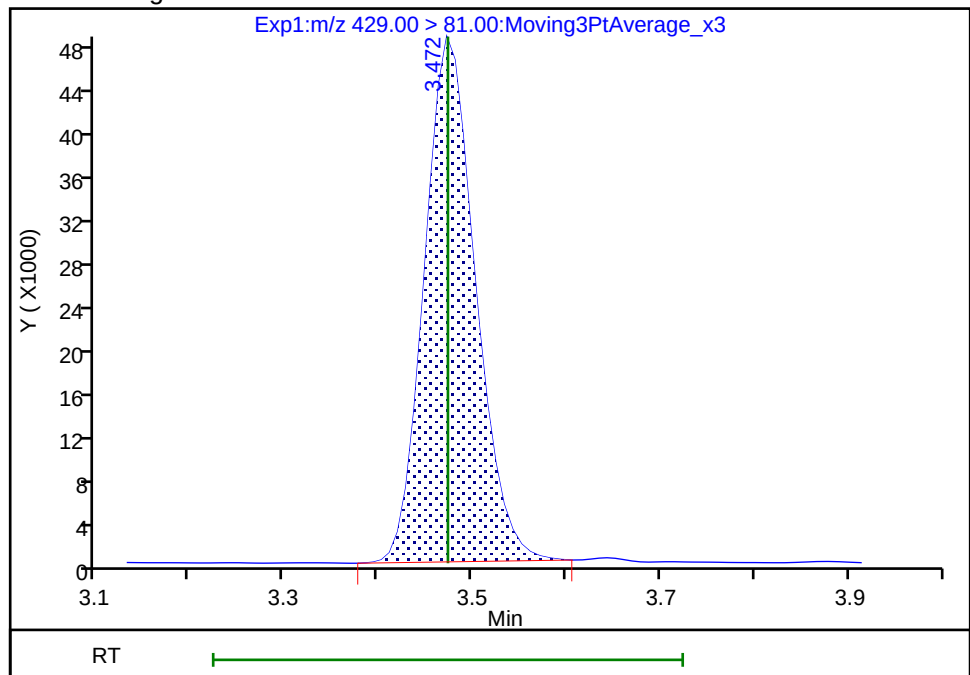
RT: 3.47
Area: 184516
Amount: 1.129896
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 182060
Amount: 1.156185
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:56:46
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

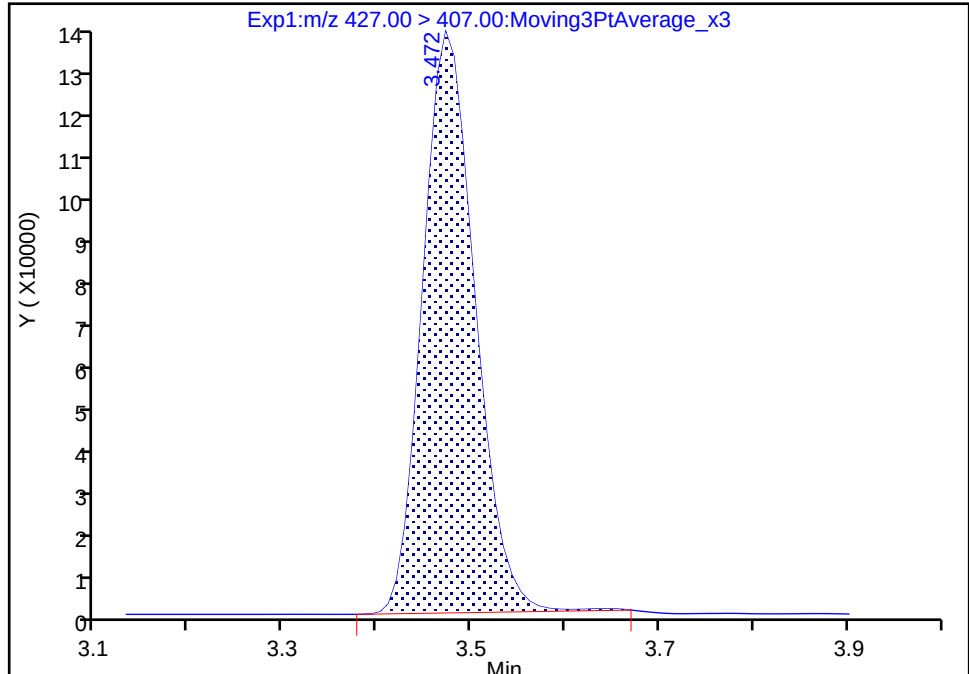
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

13 1H,1H,2H,2H-perfluorooctanesulfo, CAS: 27619-97-2

Signal: 1

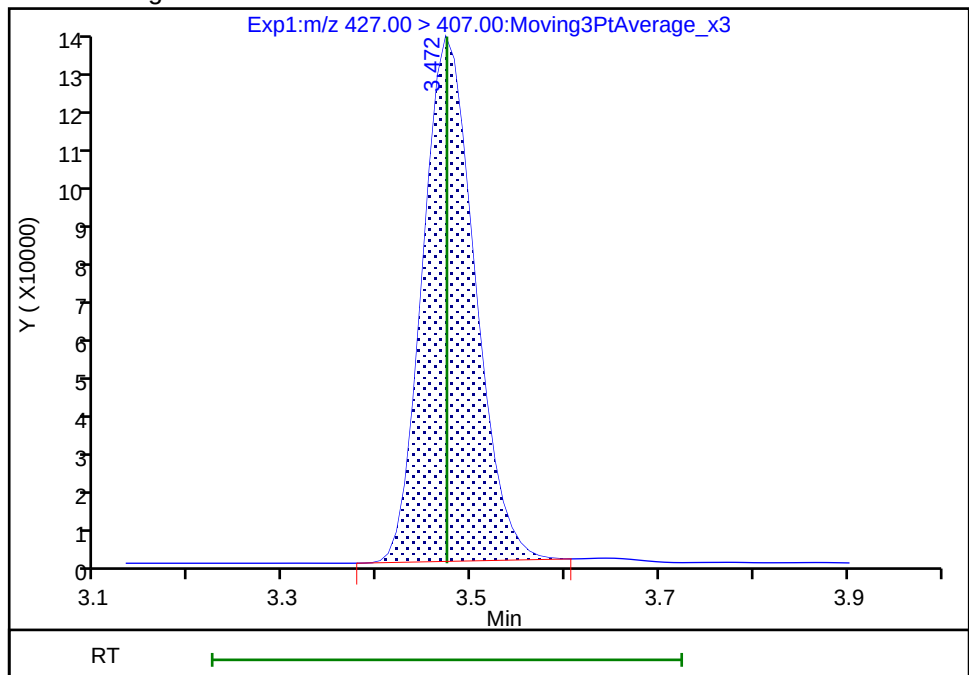
RT: 3.47
Area: 521484
Amount: 2.230744
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 517908
Amount: 2.301410
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:56:51
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

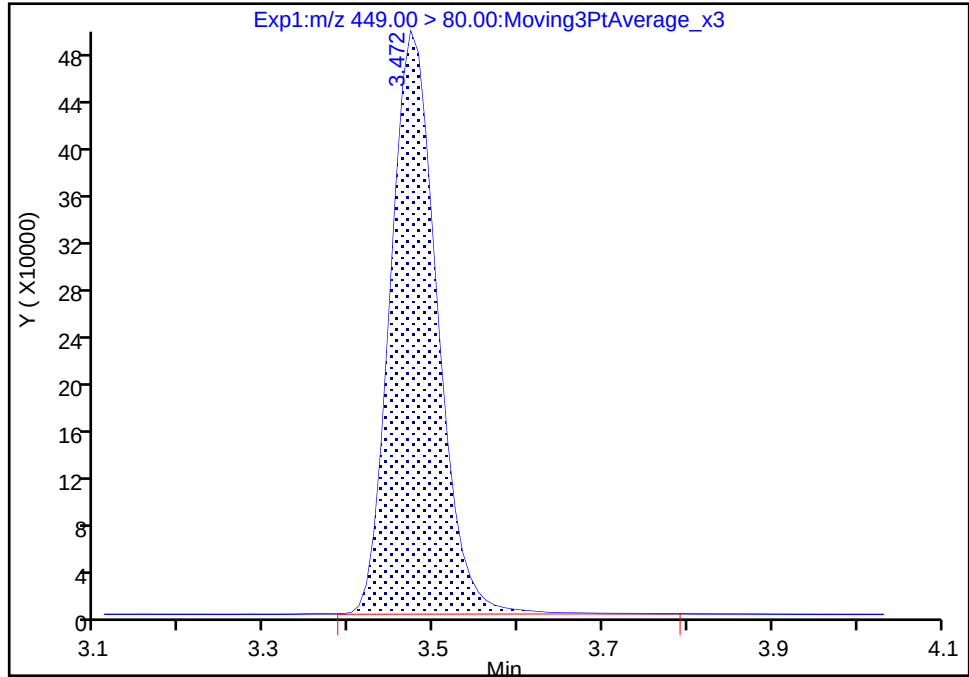
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

16 Perfluoroheptanesulfonic acid, CAS: 375-92-8

Signal: 1

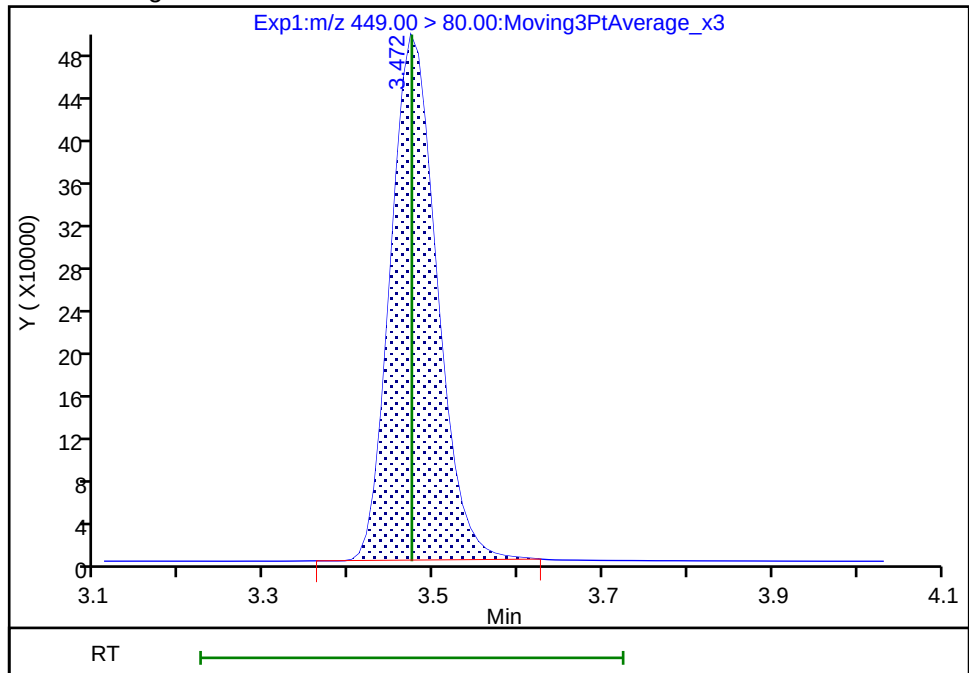
RT: 3.47
Area: 1888833
Amount: 2.218842
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 1868882
Amount: 2.190859
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:56:57
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

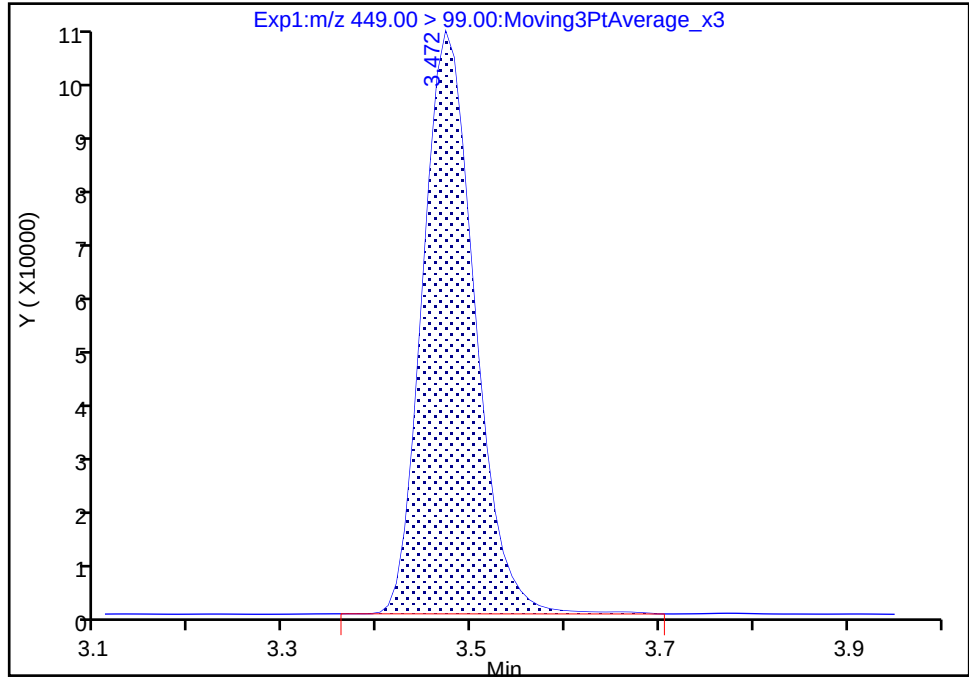
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

16 Perfluoroheptanesulfonic acid, CAS: 375-92-8

Signal: 2

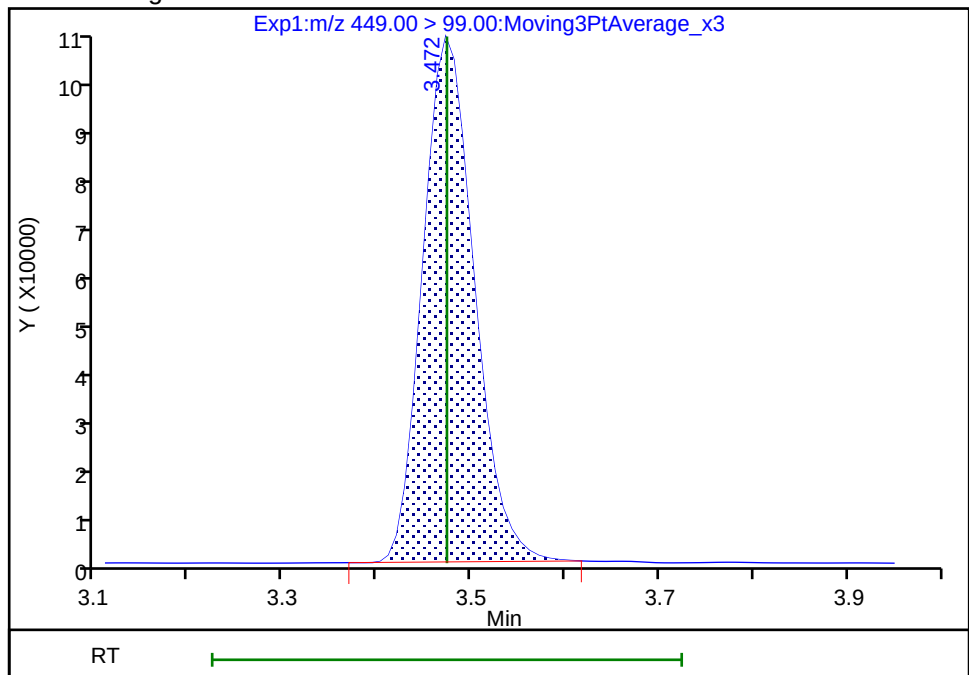
RT: 3.47
Area: 392766
Amount: 2.218842
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 388606
Amount: 2.190859
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:57:01

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

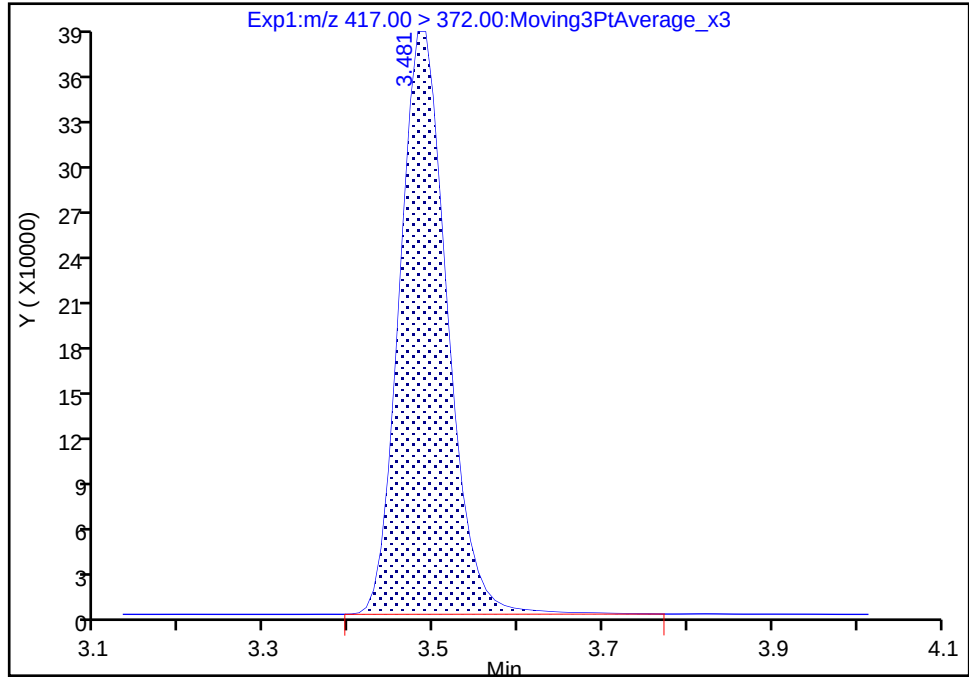
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 14 13C4 PFOA, CAS: STL00990

Signal: 1

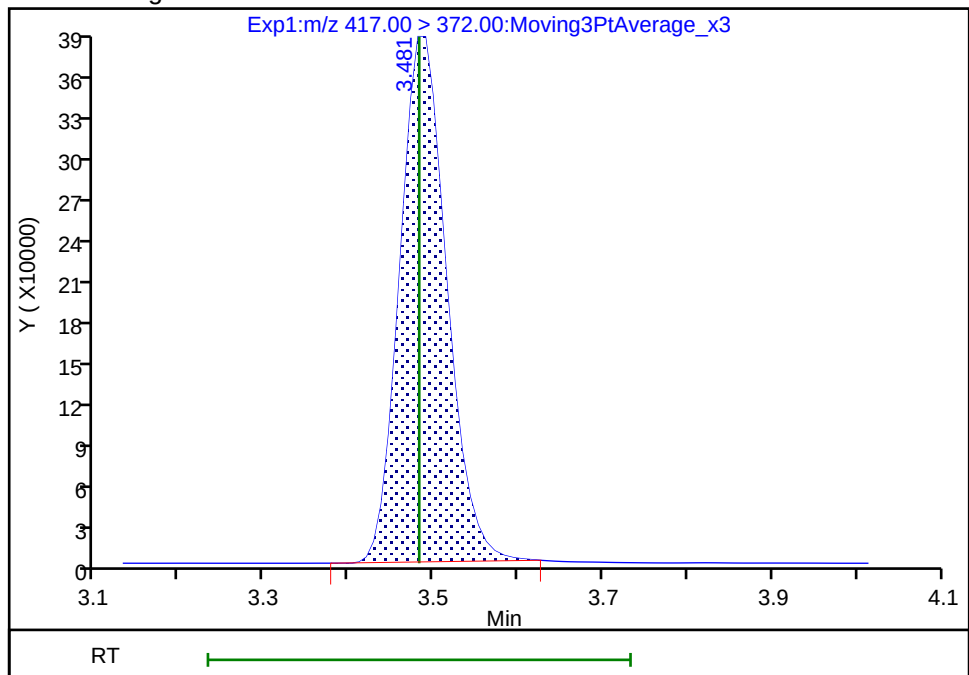
RT: 3.48
Area: 1506031
Amount: 1.225890
Amount Units: ng/ml

Processing Integration Results



RT: 3.48
Area: 1484954
Amount: 1.210462
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:57:19
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

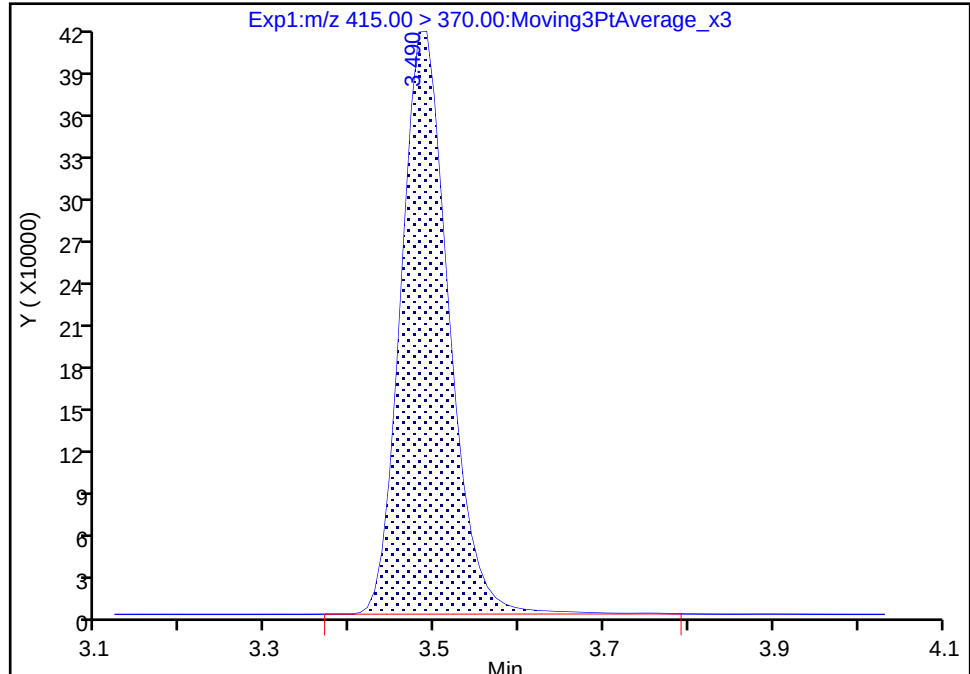
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

* 62 13C2 PFOA, CAS: STL00623

Signal: 1

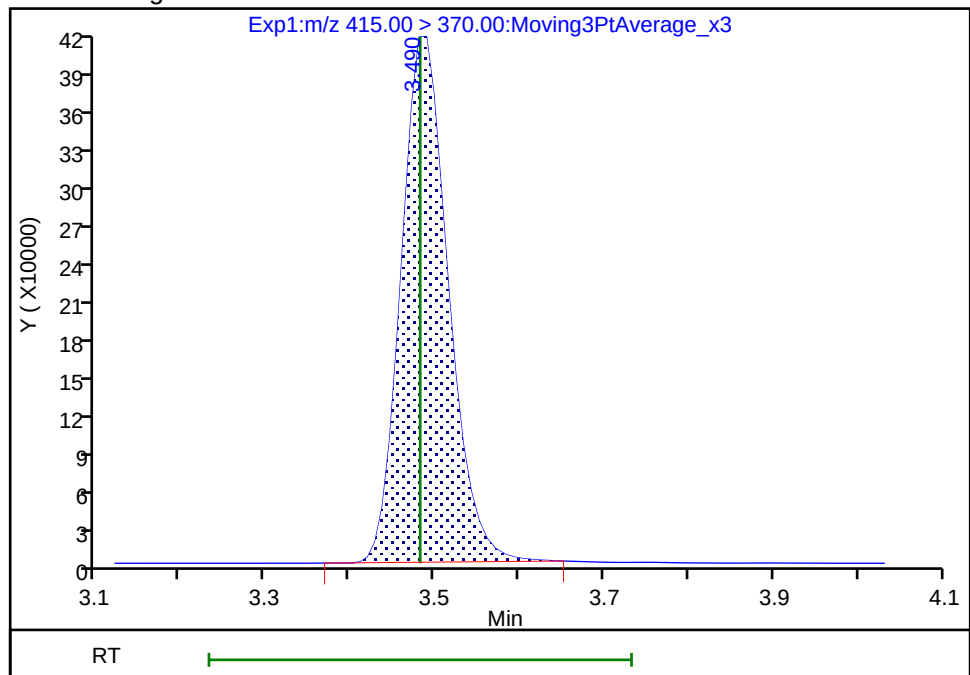
RT: 3.49
Area: 1627247
Amount: 1.250000
Amount Units: ng/ml

Processing Integration Results



RT: 3.49
Area: 1609879
Amount: 1.250000
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:57:23

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

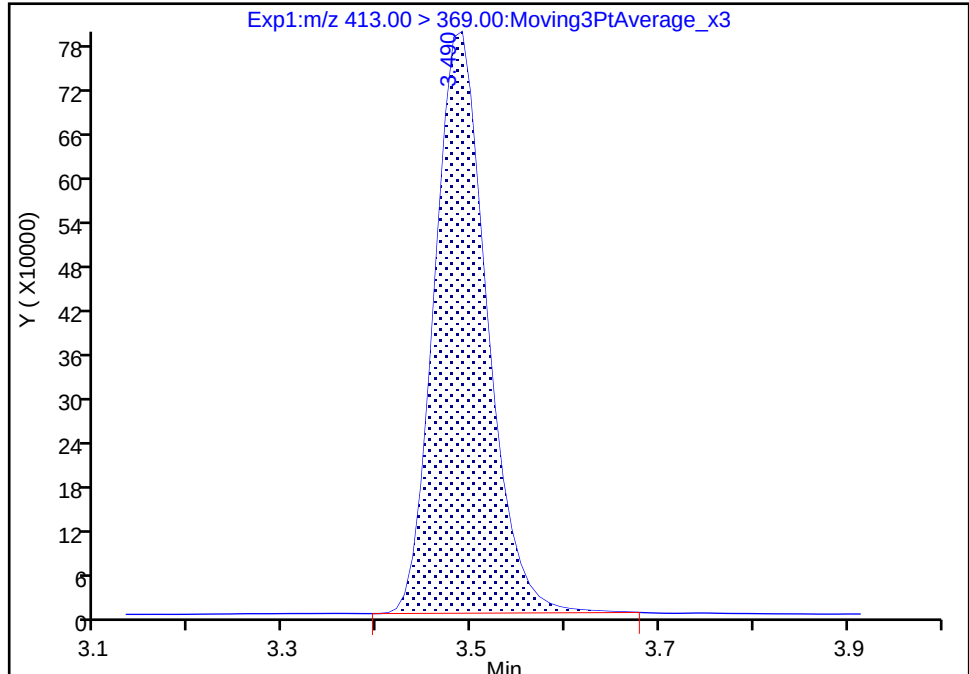
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 1

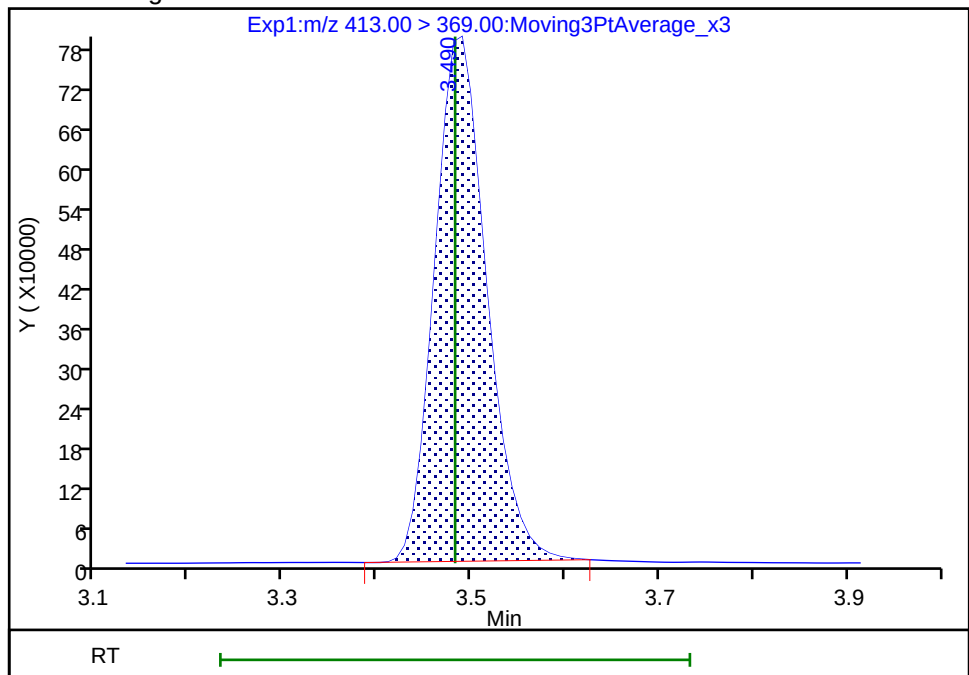
RT: 3.49
Area: 3051411
Amount: 2.249285
Amount Units: ng/ml

Processing Integration Results



RT: 3.49
Area: 3024763
Amount: 2.270536
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:57:10
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

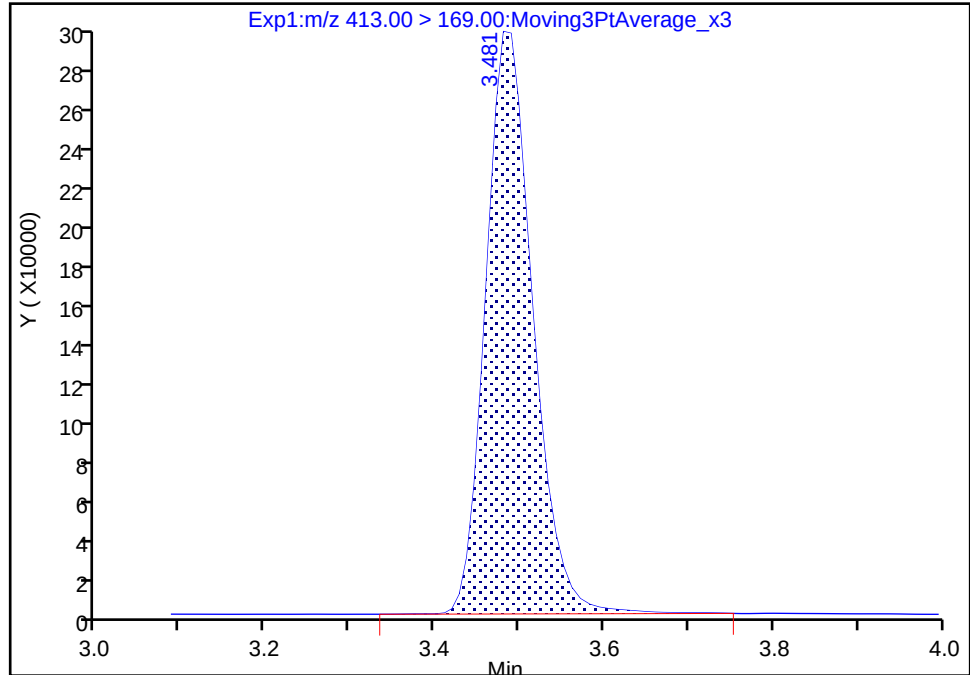
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 2

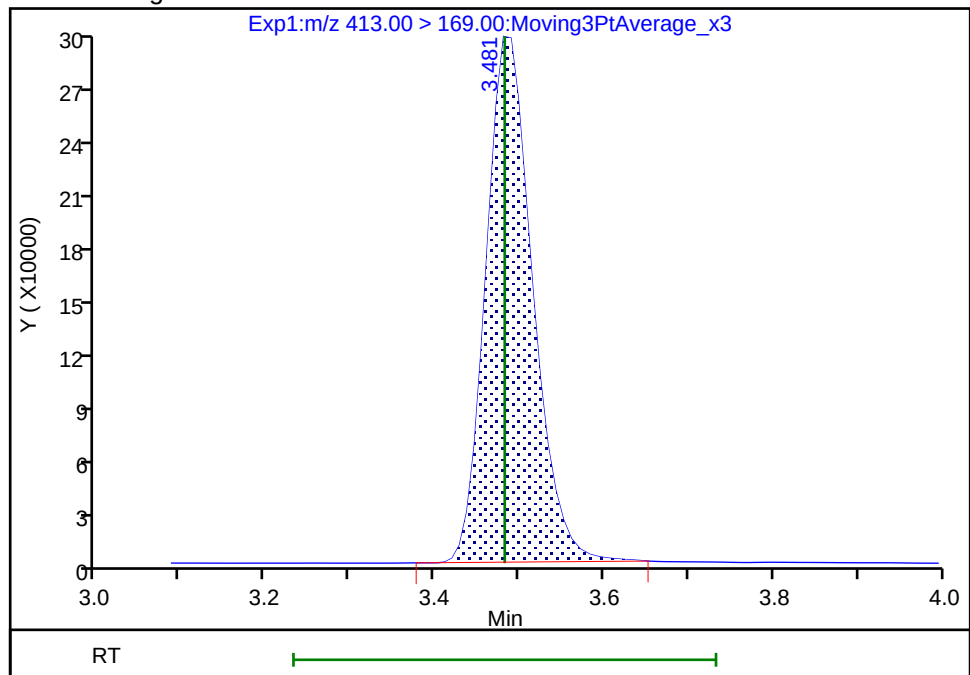
RT: 3.48
Area: 1144648
Amount: 2.249285
Amount Units: ng/ml

Processing Integration Results



RT: 3.48
Area: 1134261
Amount: 2.270536
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:57:13

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

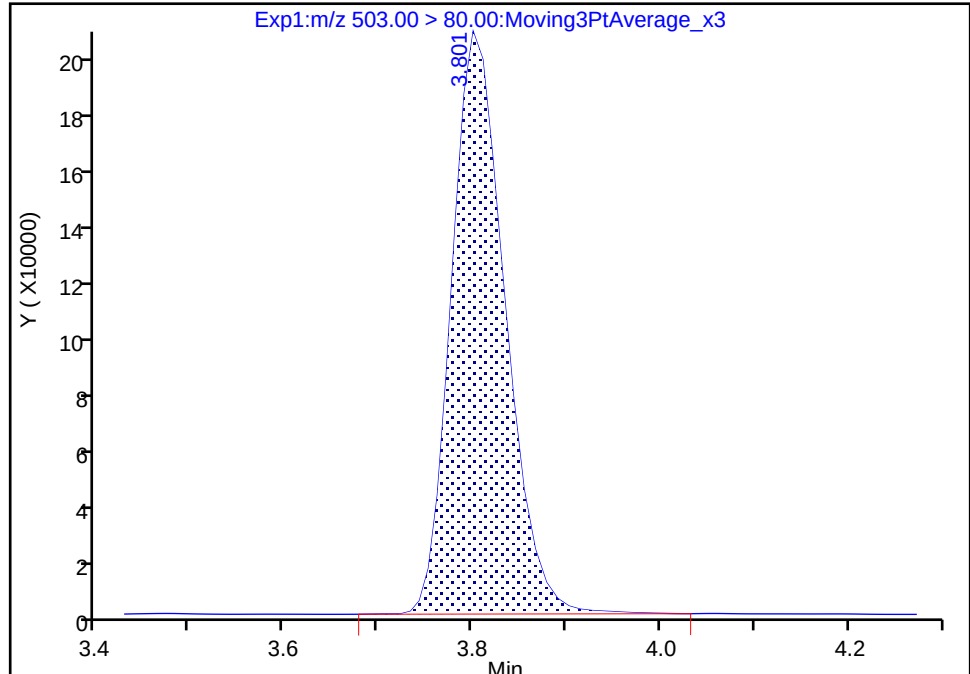
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 18 13C4 PFOS, CAS: STL00991

Signal: 1

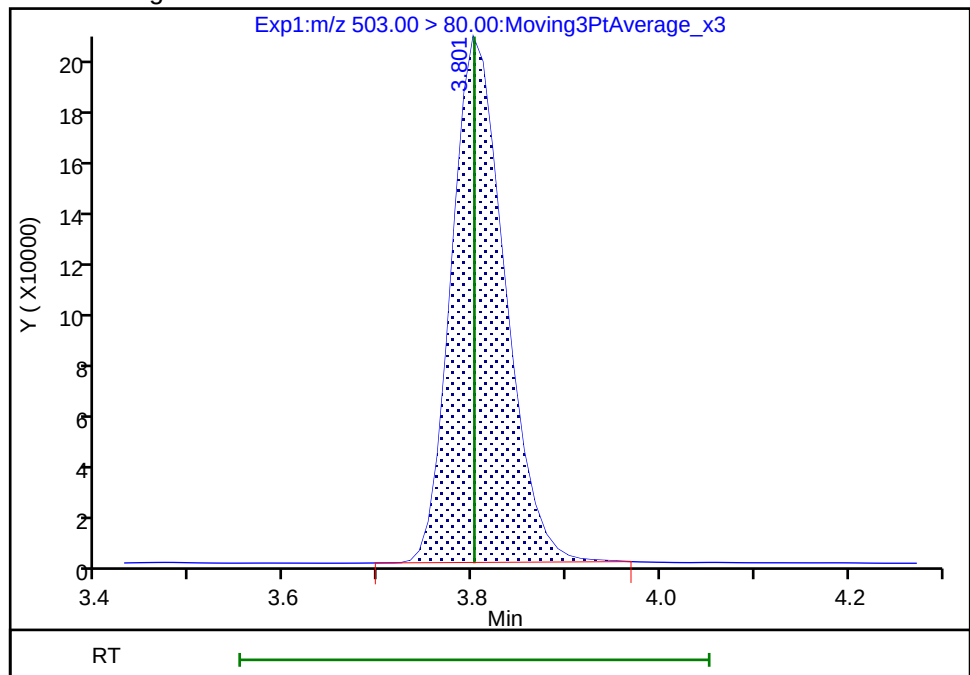
RT: 3.80
Area: 829470
Amount: 1.113603
Amount Units: ng/ml

Processing Integration Results



RT: 3.80
Area: 824732
Amount: 1.173991
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:58:13
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

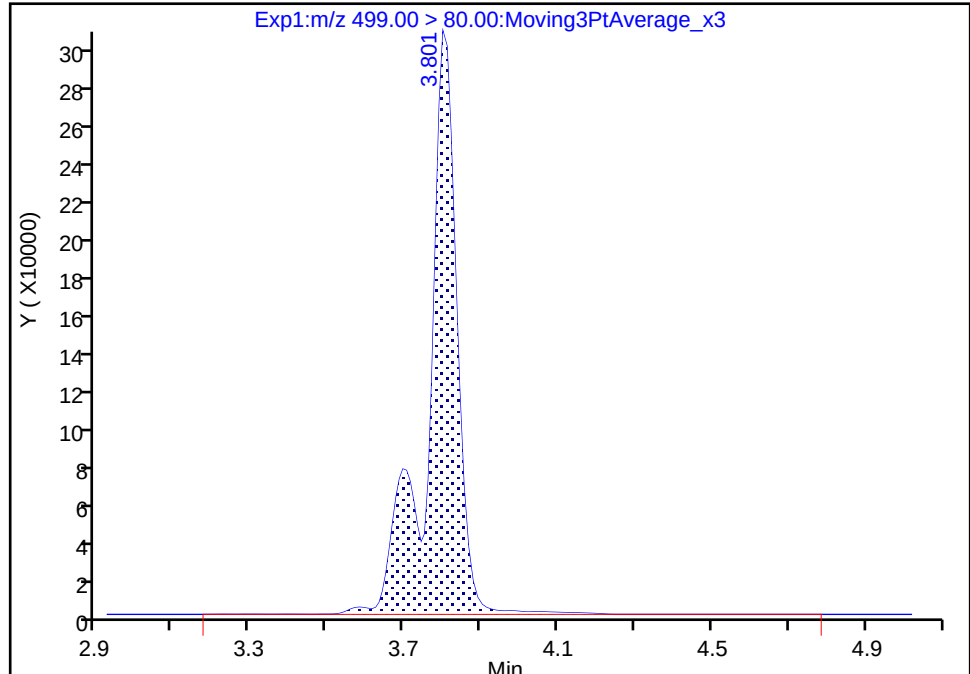
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 1

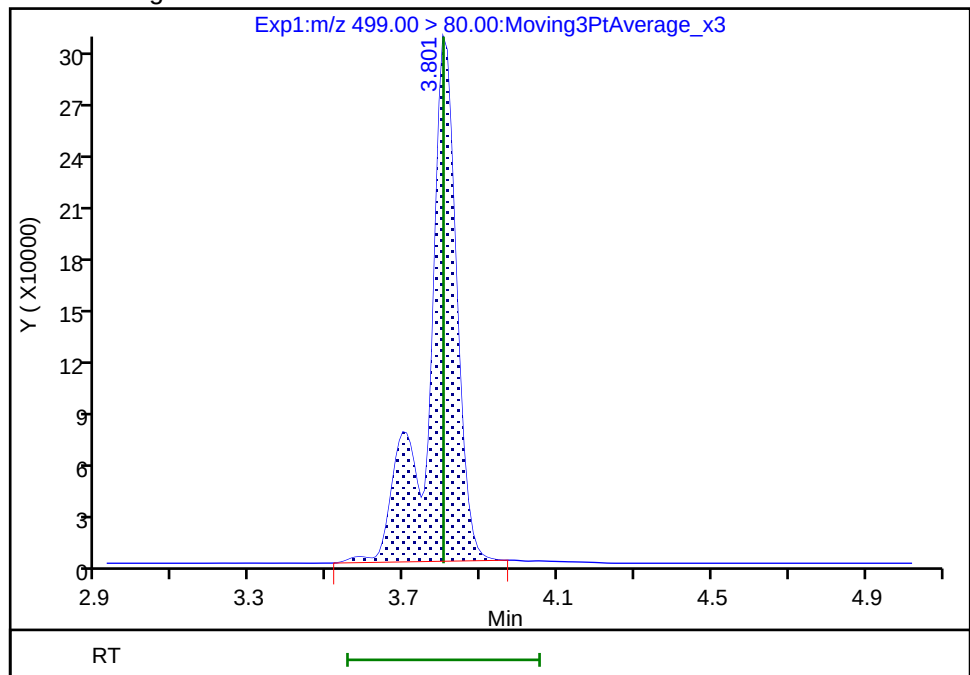
RT: 3.80
Area: 1607142
Amount: 2.084632
Amount Units: ng/ml

Processing Integration Results



RT: 3.80
Area: 1565335
Amount: 2.261149
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:57:29
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

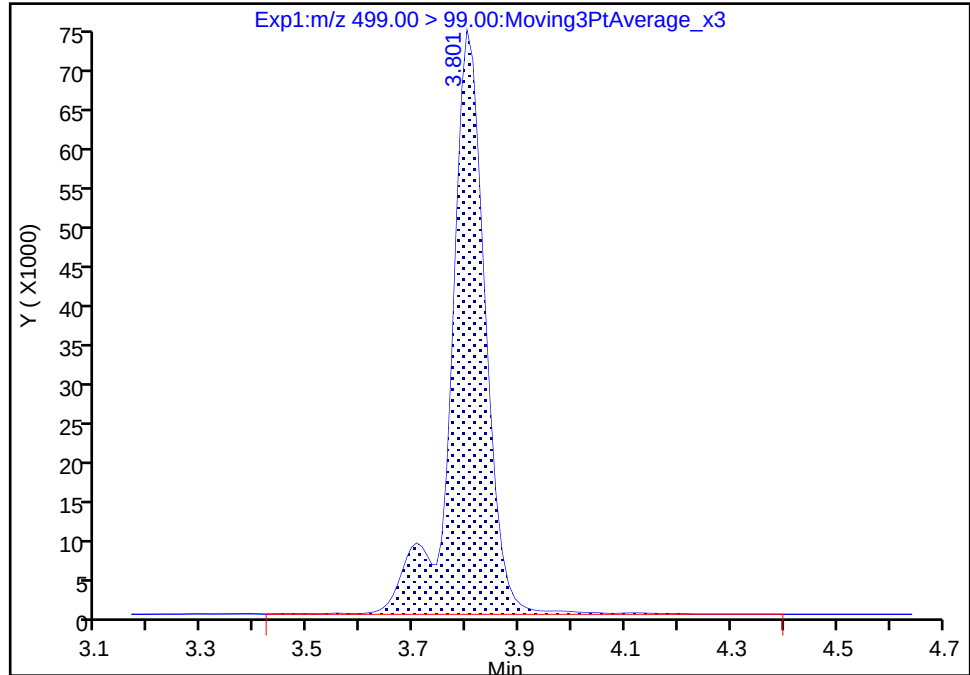
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 2

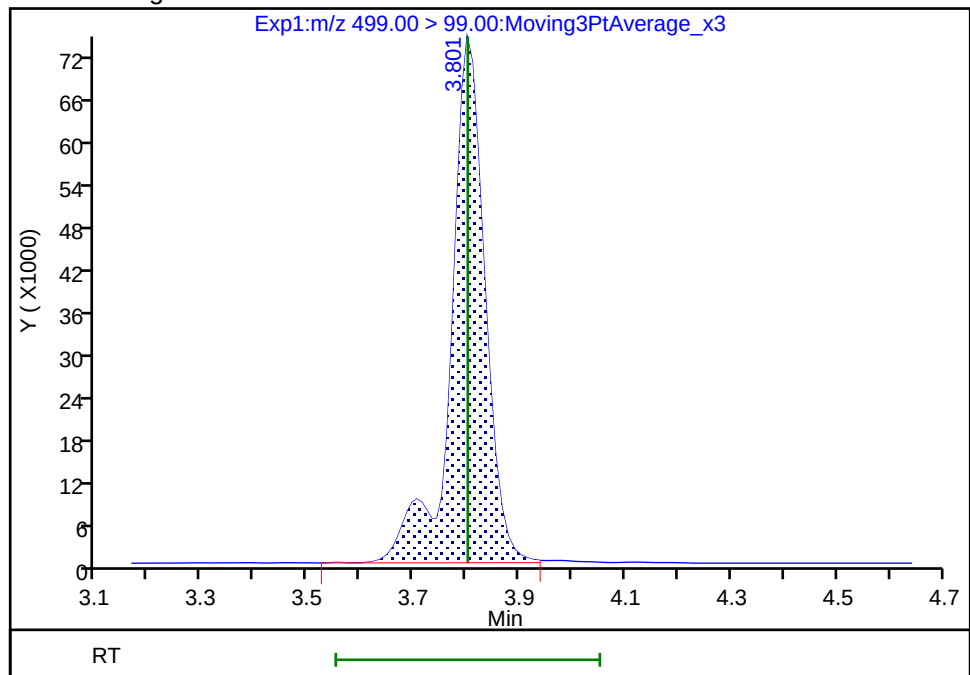
RT: 3.80
Area: 340542
Amount: 2.084632
Amount Units: ng/ml

Processing Integration Results



RT: 3.80
Area: 335836
Amount: 2.261149
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:58:06

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

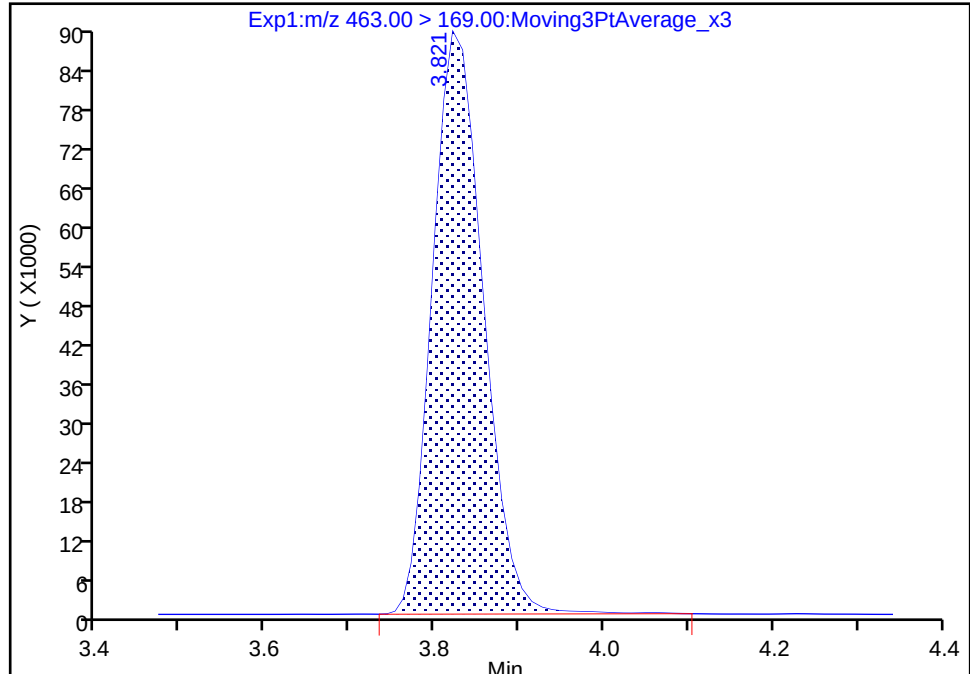
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

20 Perfluorononanoic acid, CAS: 375-95-1

Signal: 2

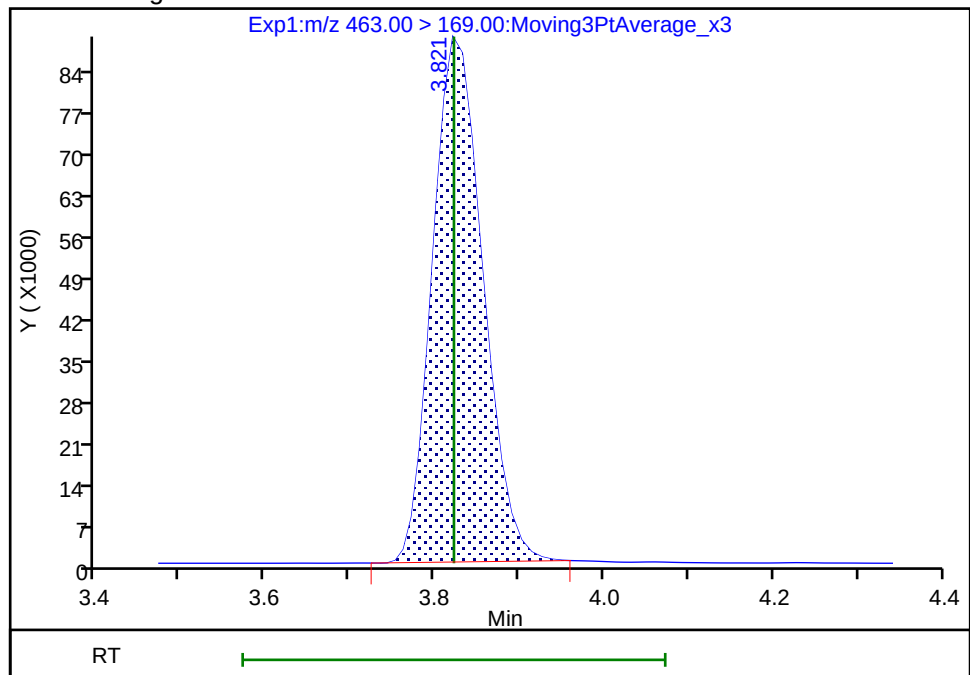
RT: 3.82
Area: 373534
Amount: 2.305779
Amount Units: ng/ml

Processing Integration Results



RT: 3.82
Area: 369381
Amount: 2.304156
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:58:18
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

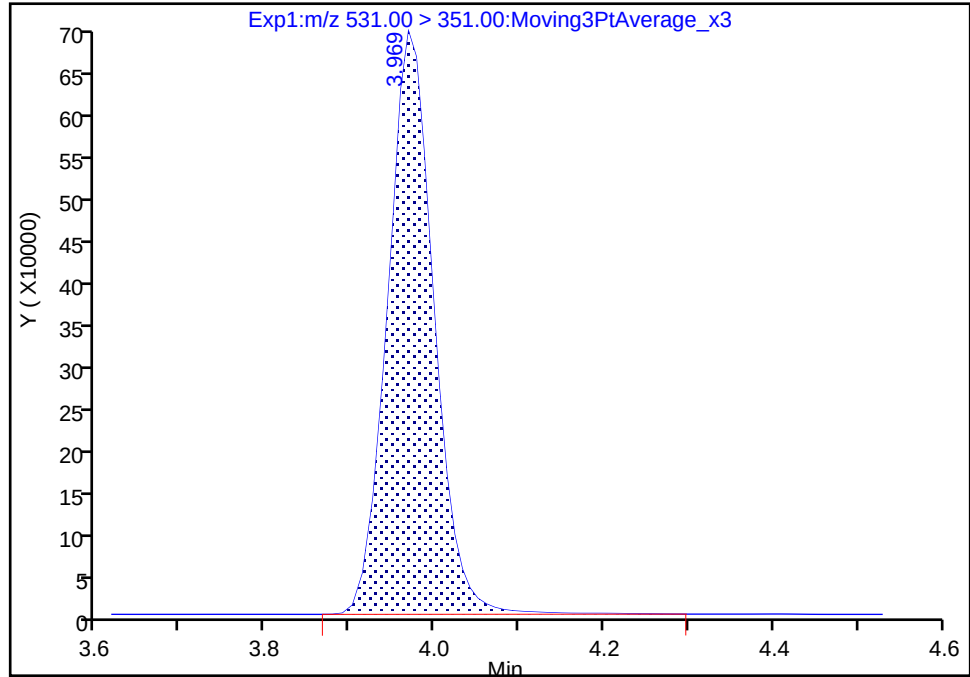
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

69 9-Chlorohexadecafluoro-3-oxanona, CAS: 756426-58-1

Signal: 1

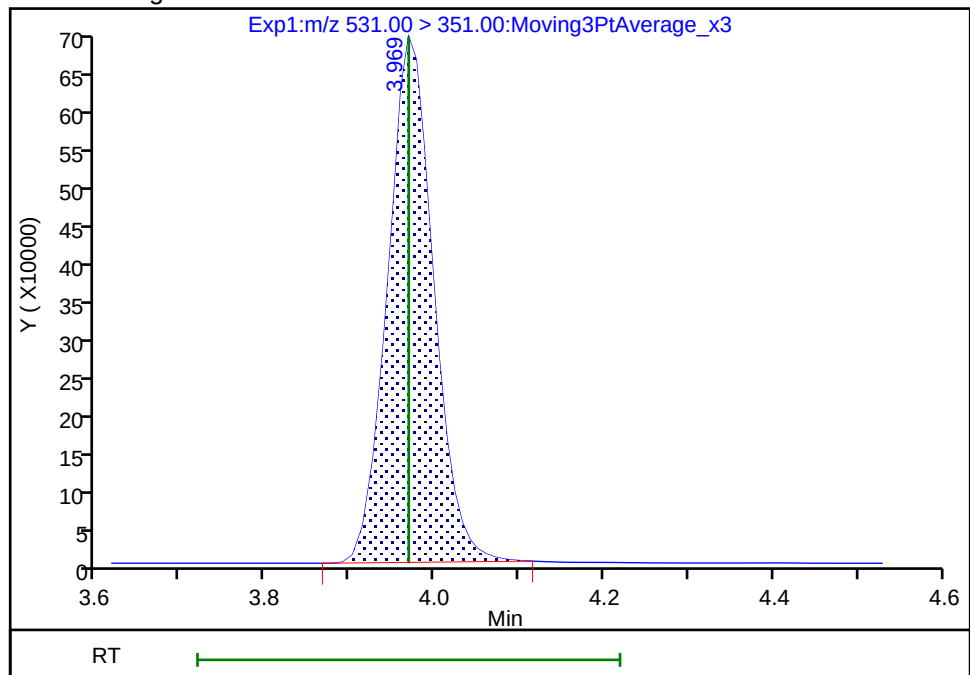
RT: 3.97
Area: 2635507
Amount: 2.152558
Amount Units: ng/ml

Processing Integration Results



RT: 3.97
Area: 2607229
Amount: 2.138557
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:58:25
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

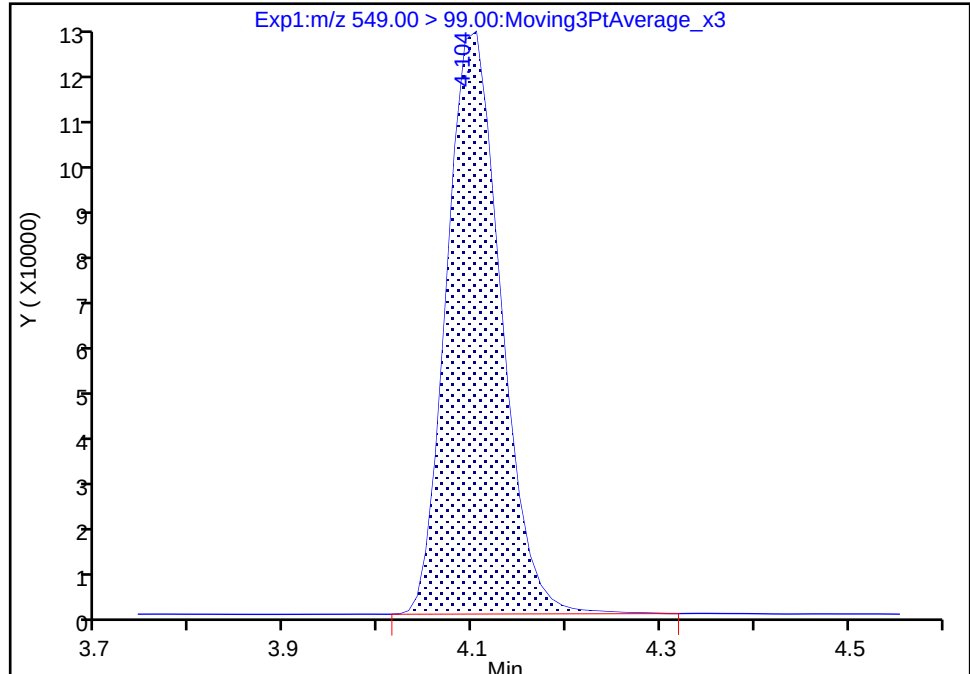
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

68 Perfluoronanesulfonic acid, CAS: 68259-12-1

Signal: 2

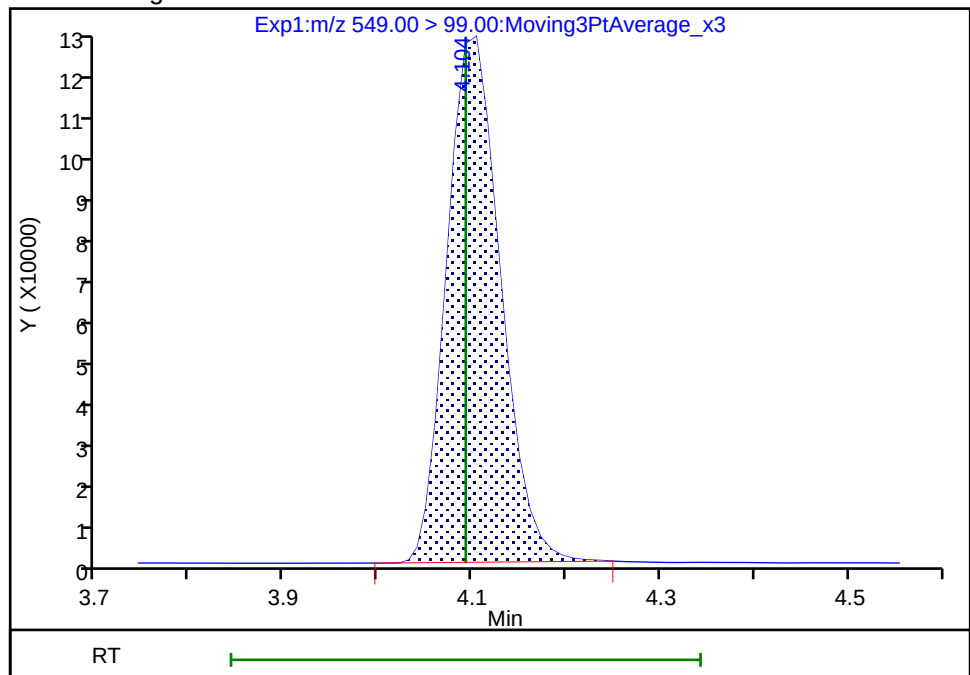
RT: 4.10
Area: 480951
Amount: 2.263721
Amount Units: ng/ml

Processing Integration Results



RT: 4.10
Area: 477549
Amount: 2.235258
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:58:32
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

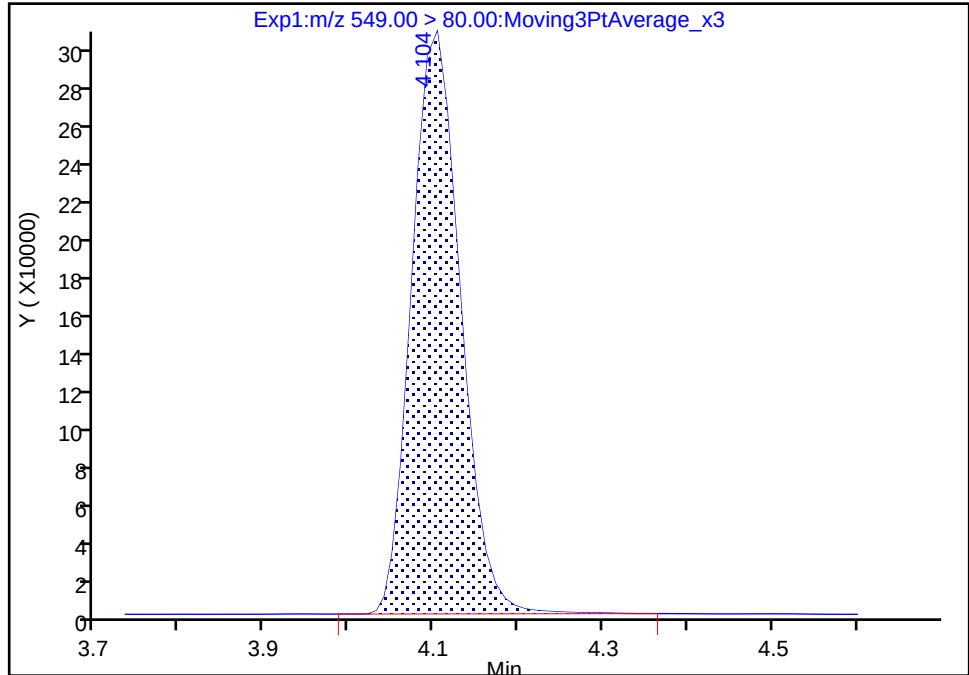
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

68 Perfluoronanesulfonic acid, CAS: 68259-12-1

Signal: 1

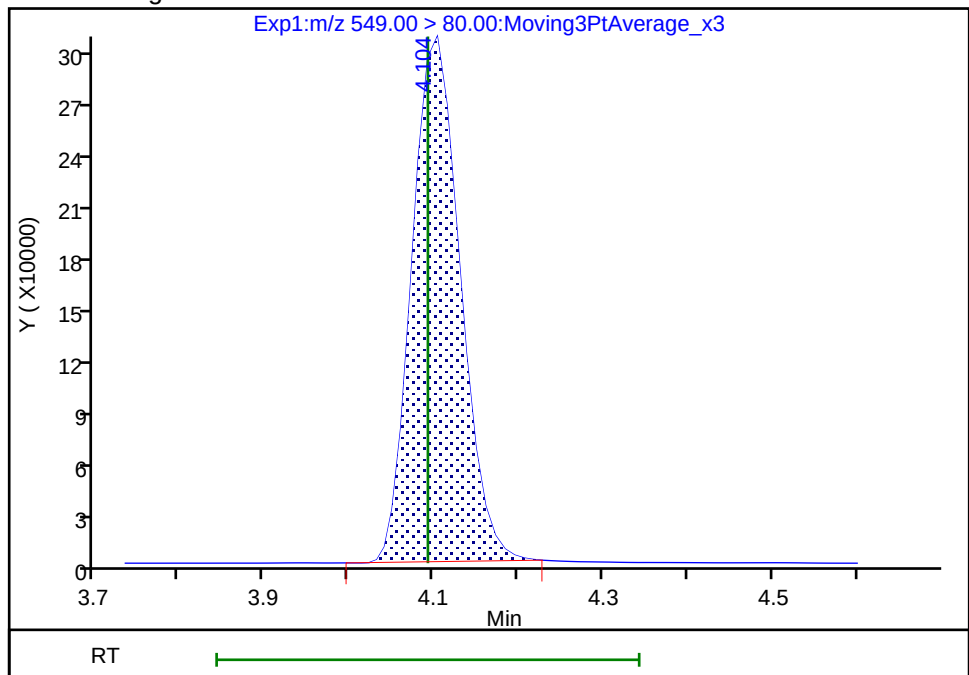
RT: 4.10
Area: 1222103
Amount: 2.263721
Amount Units: ng/ml

Processing Integration Results



RT: 4.10
Area: 1207870
Amount: 2.235258
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:58:36

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

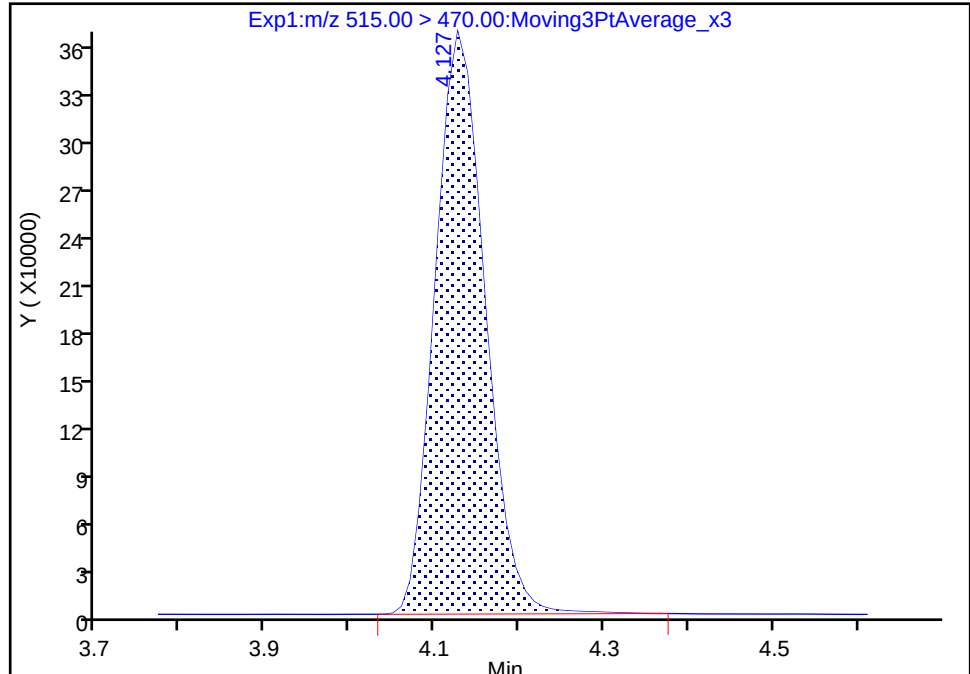
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 23 13C2 PFDA, CAS: STL00996

Signal: 1

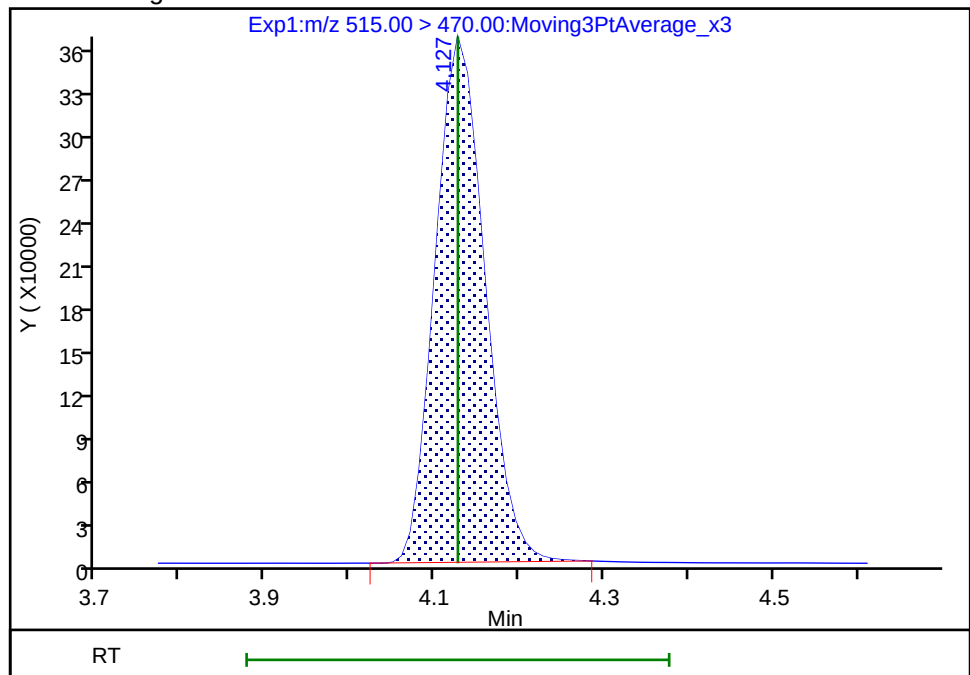
RT: 4.13
Area: 1482848
Amount: 1.193073
Amount Units: ng/ml

Processing Integration Results



RT: 4.13
Area: 1471206
Amount: 1.186922
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:58:55
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

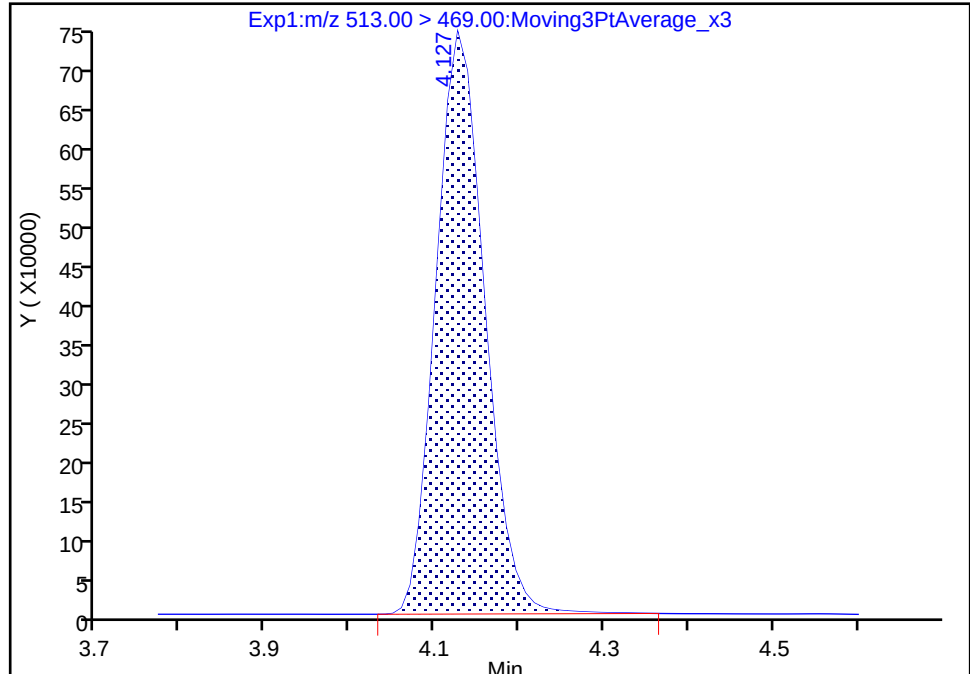
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

24 Perfluorodecanoic acid, CAS: 335-76-2

Signal: 1

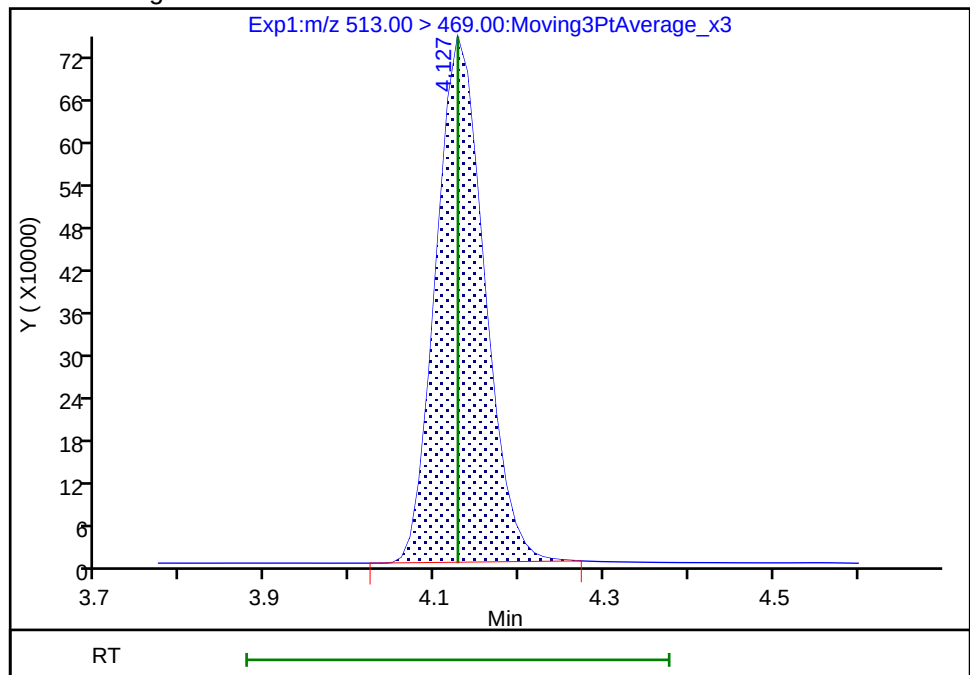
RT: 4.13
Area: 2988644
Amount: 2.398812
Amount Units: ng/ml

Processing Integration Results



RT: 4.13
Area: 2964619
Amount: 2.395048
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:58:45
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

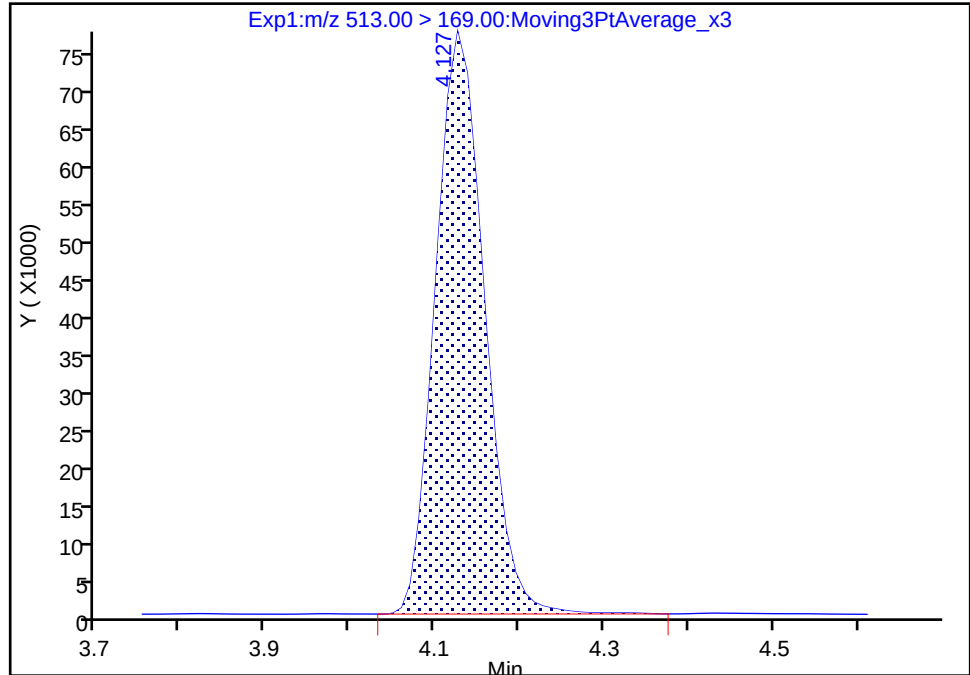
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

24 Perfluorodecanoic acid, CAS: 335-76-2

Signal: 2

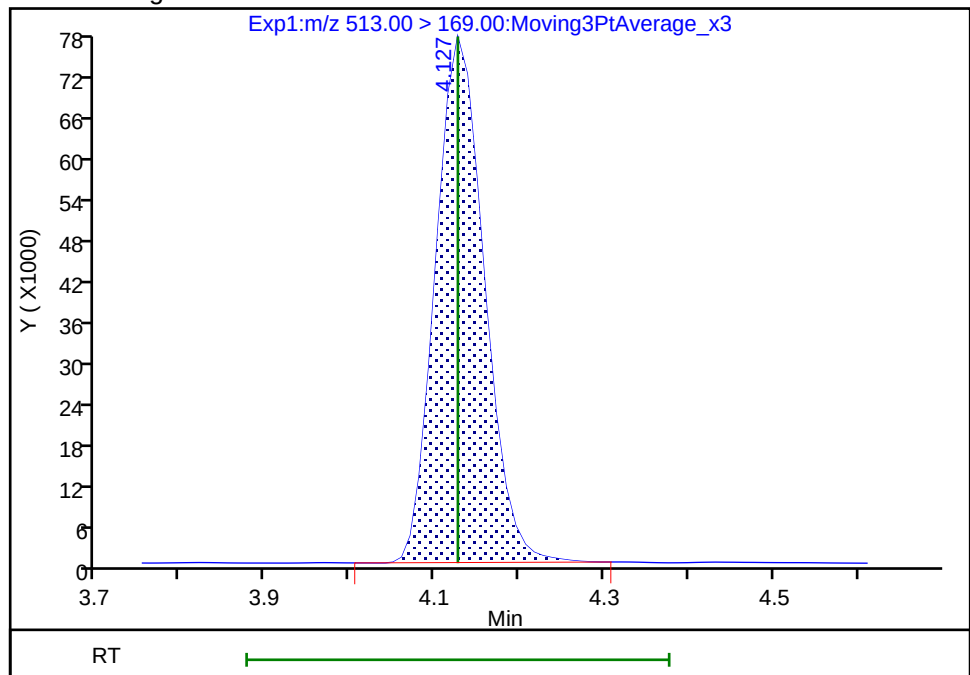
RT: 4.13
Area: 313413
Amount: 2.398812
Amount Units: ng/ml

Processing Integration Results



RT: 4.13
Area: 311853
Amount: 2.395048
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:58:49

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

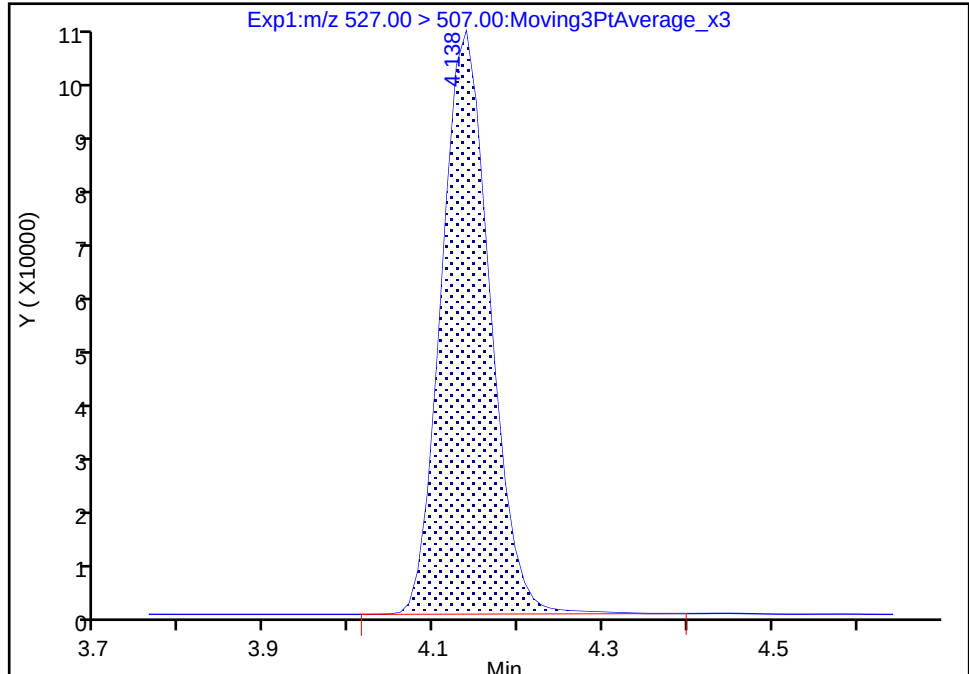
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

25 1H,1H,2H,2H-perfluorodecanesulfo, CAS: 39108-34-4

Signal: 1

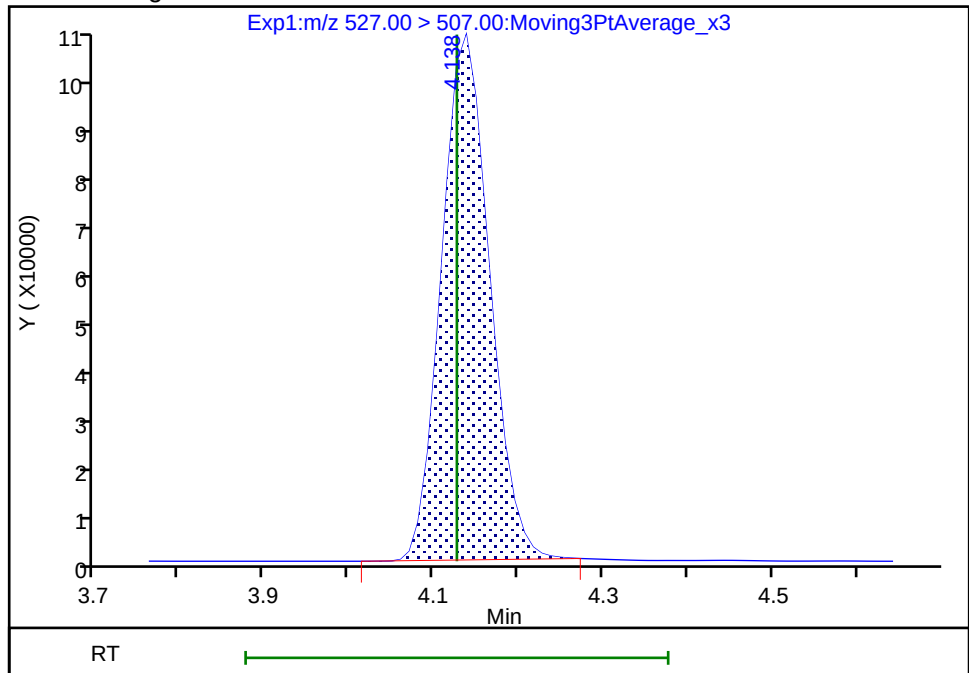
RT: 4.14
Area: 404199
Amount: 2.245079
Amount Units: ng/ml

Processing Integration Results



RT: 4.14
Area: 399769
Amount: 2.277386
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:58:40
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

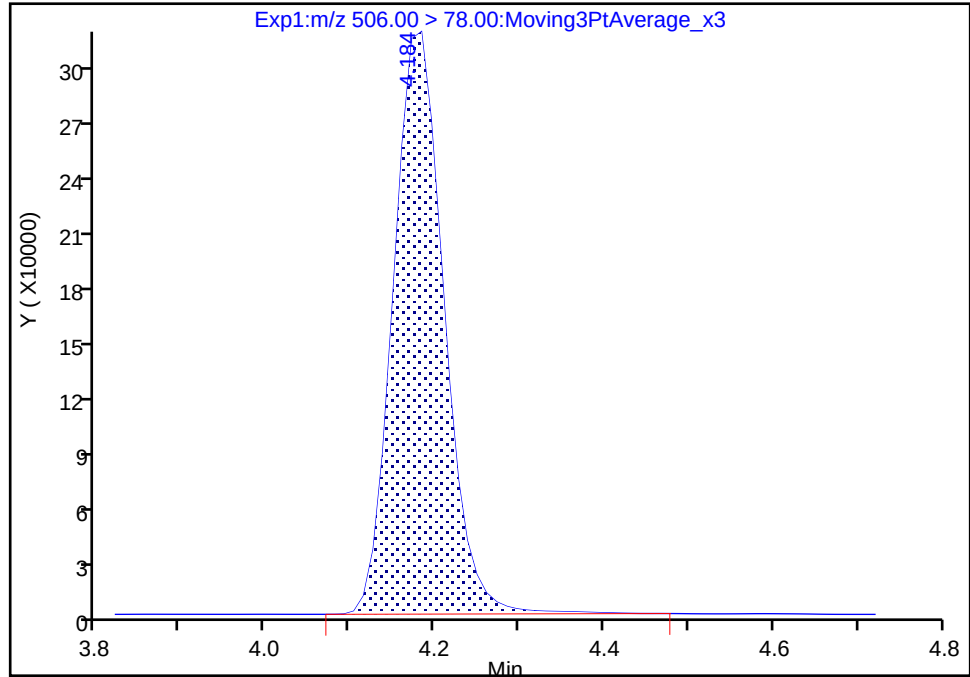
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 21 13C8 FOSA, CAS: STL01056

Signal: 1

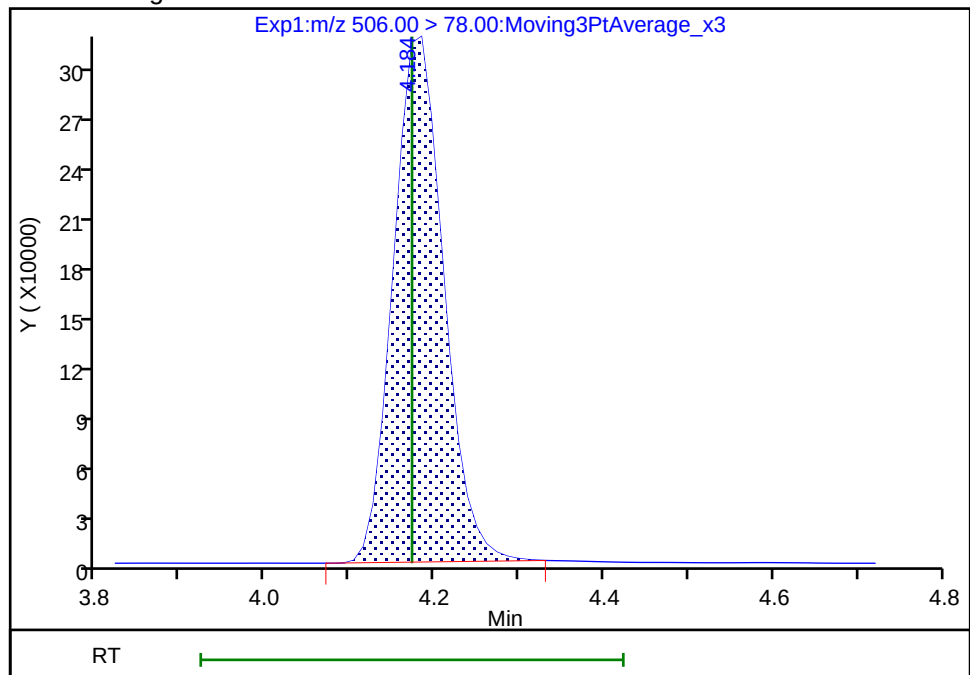
RT: 4.18
Area: 1331972
Amount: 1.156471
Amount Units: ng/ml

Processing Integration Results



RT: 4.18
Area: 1316398
Amount: 1.213435
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:59:03
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

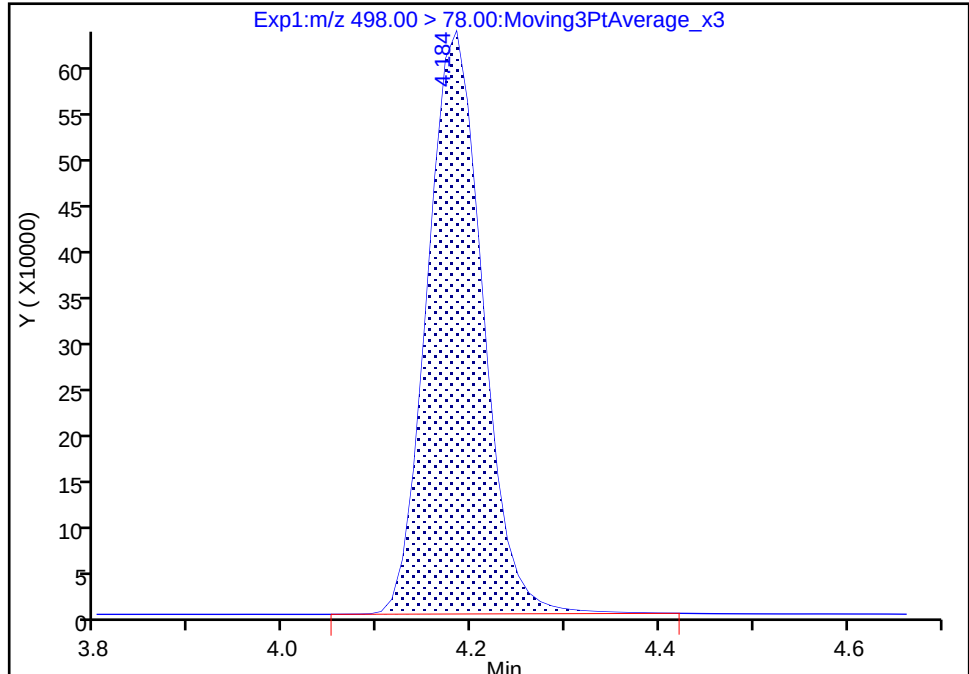
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

22 Perfluorooctanesulfonamide, CAS: 754-91-6

Signal: 1

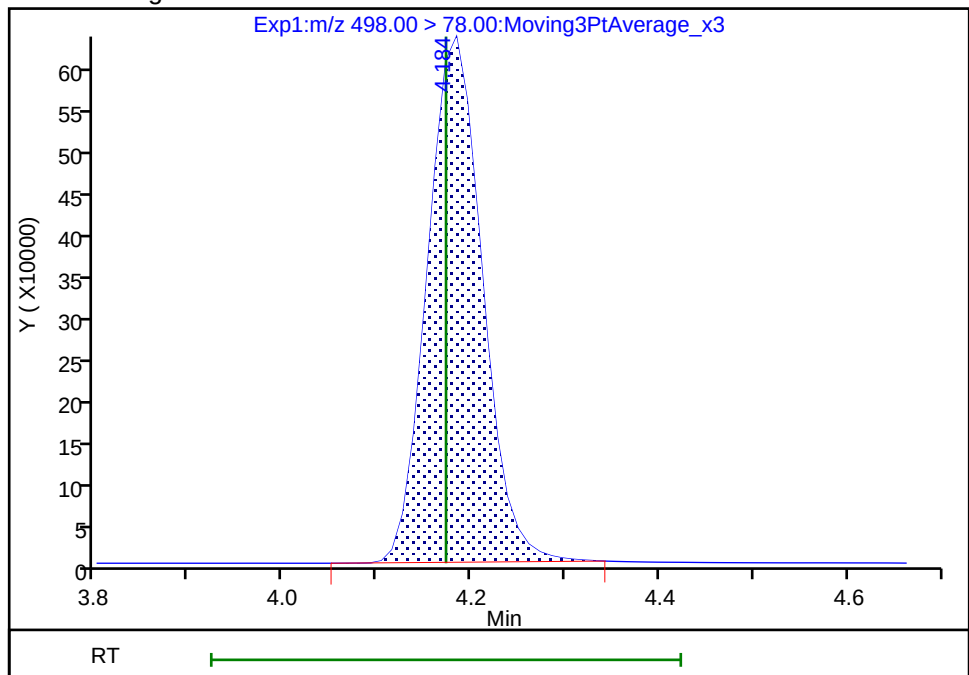
RT: 4.18
Area: 2595304
Amount: 2.422341
Amount Units: ng/ml

Processing Integration Results



RT: 4.18
Area: 2577197
Amount: 2.401555
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:59:08
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

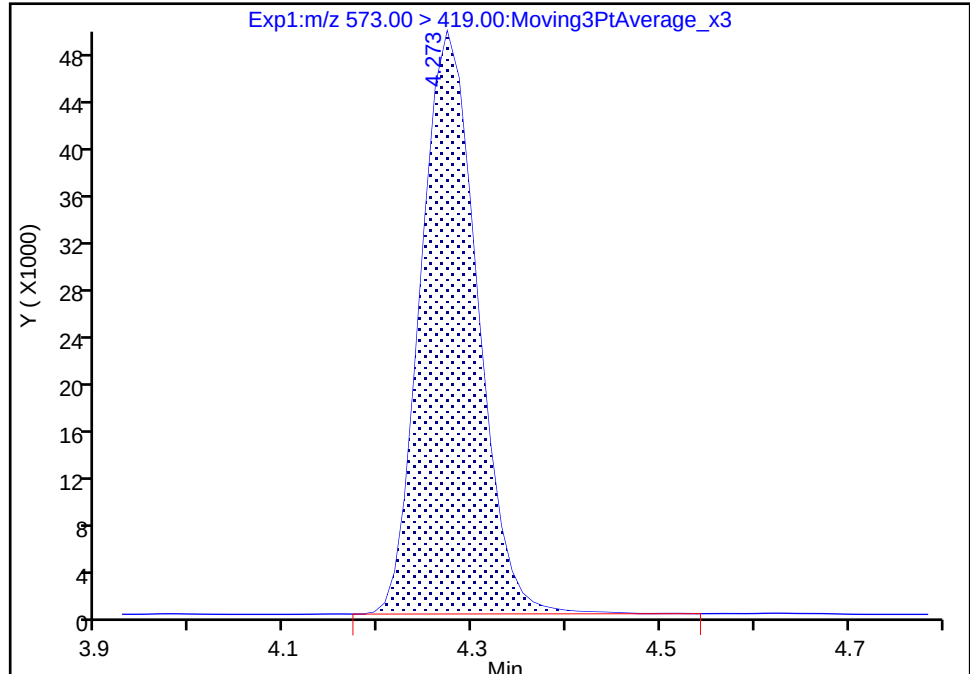
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 27 d3-NMeFOSAA, CAS: STL02118

Signal: 1

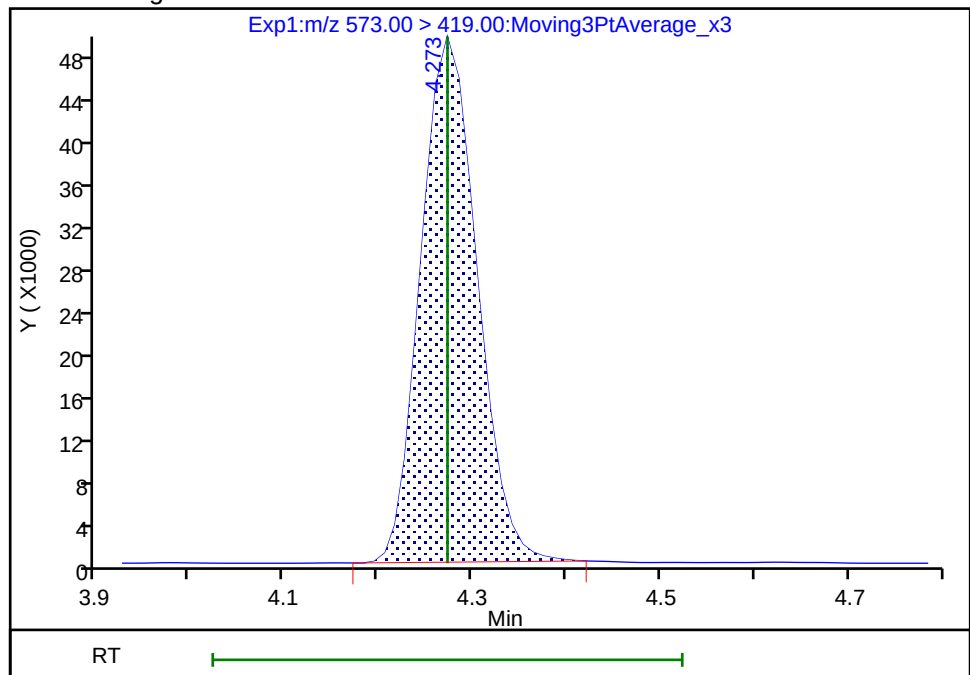
RT: 4.27
Area: 207193
Amount: 1.231549
Amount Units: ng/ml

Processing Integration Results



RT: 4.27
Area: 205583
Amount: 1.237454
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:59:19

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

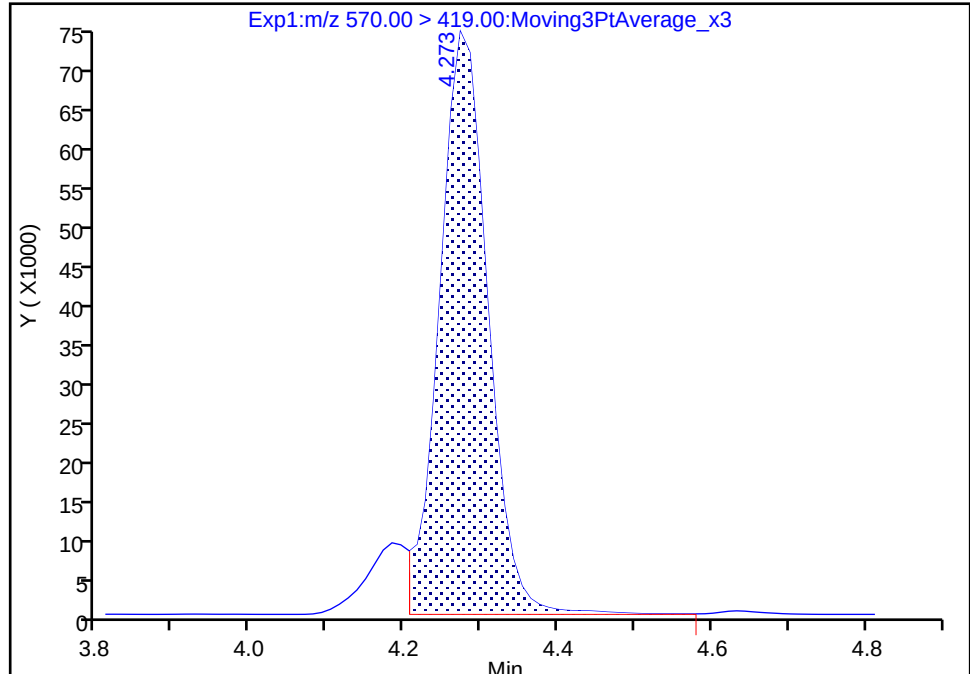
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

28 N-methylperfluorooctanesulfonami, CAS: 2355-31-9

Signal: 1

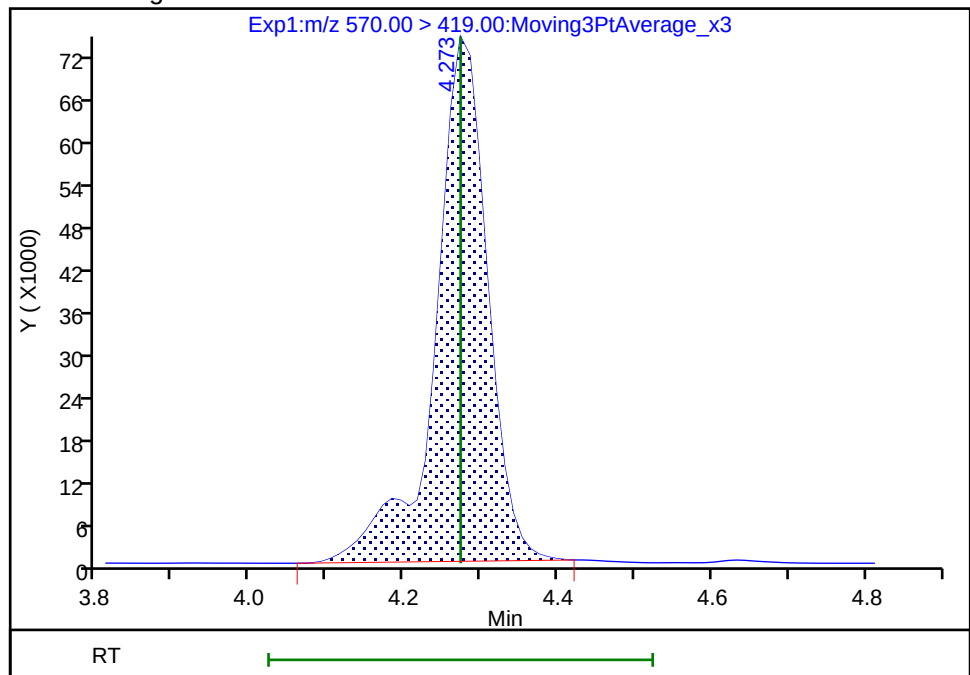
RT: 4.27
Area: 323980
Amount: 2.234704
Amount Units: ng/ml

Processing Integration Results



RT: 4.27
Area: 350351
Amount: 2.398606
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:59:13
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

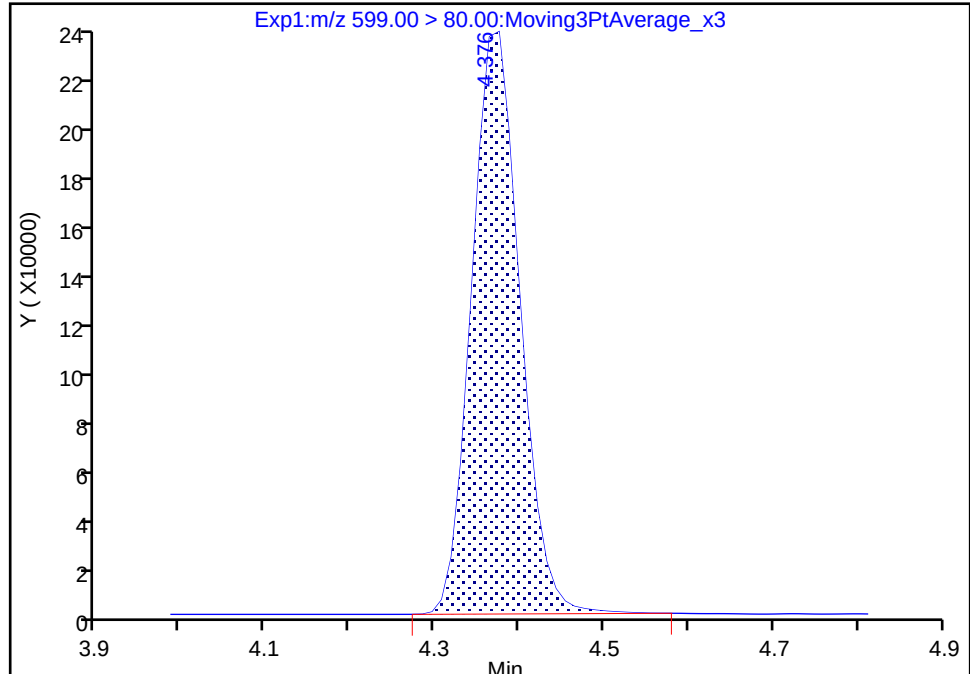
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

29 Perfluorodecanesulfonic acid, CAS: 335-77-3

Signal: 1

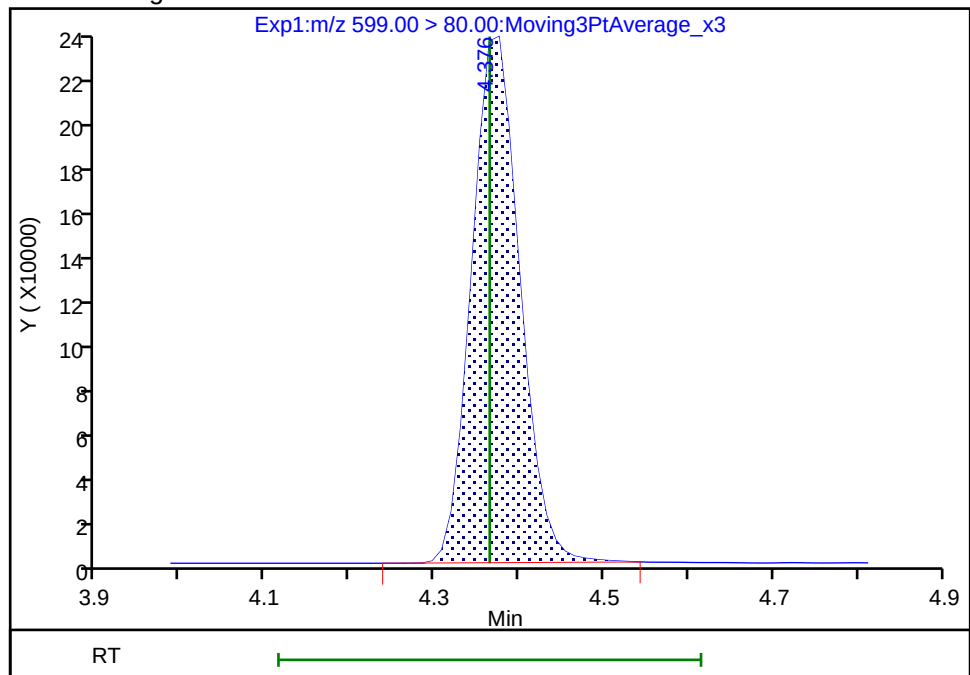
RT: 4.38
Area: 936525
Amount: 2.308051
Amount Units: ng/ml

Processing Integration Results



RT: 4.38
Area: 934202
Amount: 2.323189
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:59:24
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

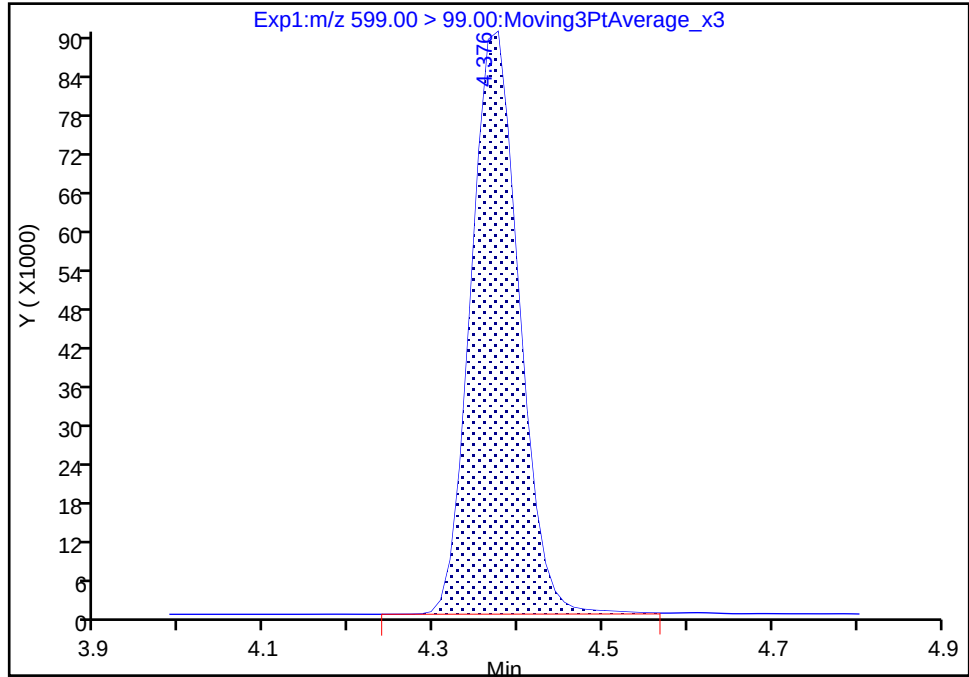
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

29 Perfluorodecanesulfonic acid, CAS: 335-77-3

Signal: 2

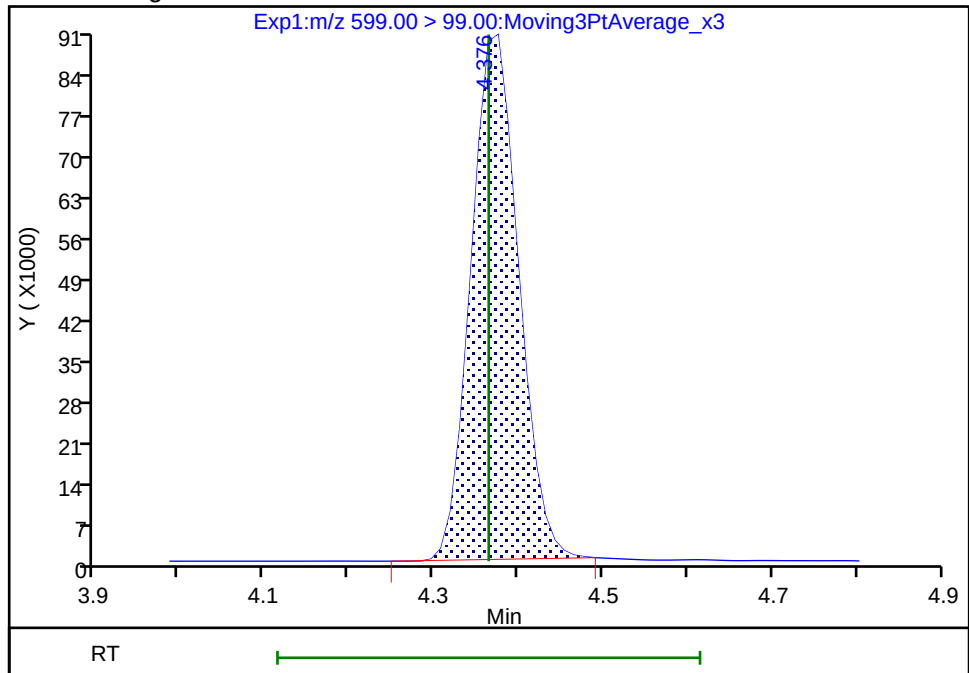
RT: 4.38
Area: 358853
Amount: 2.308051
Amount Units: ng/ml

Processing Integration Results



RT: 4.38
Area: 353361
Amount: 2.323189
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:59:28

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

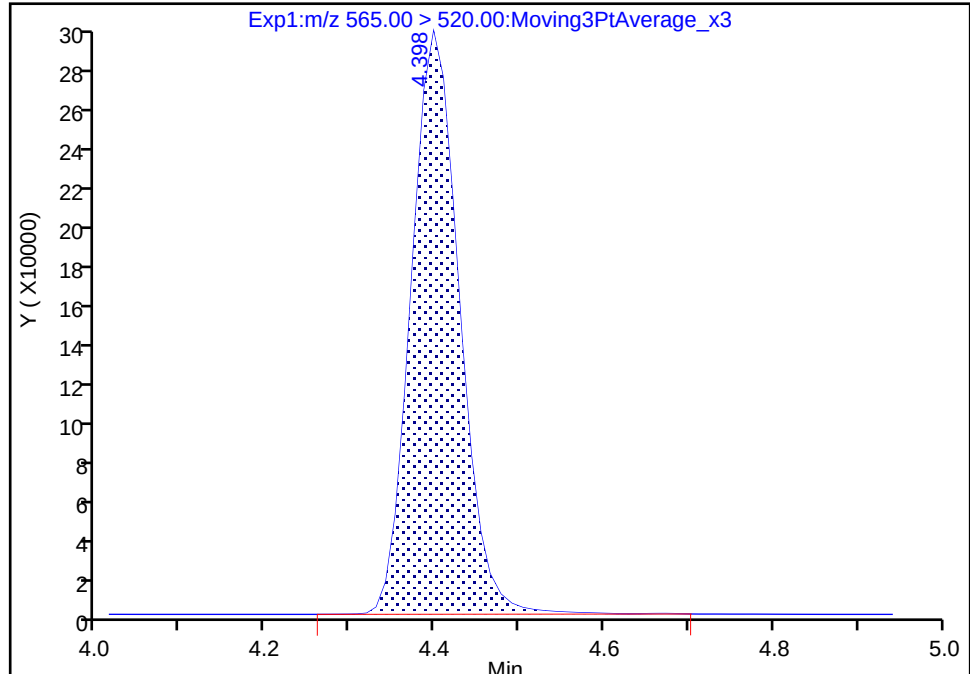
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 30 13C2 PFUnA, CAS: STL00997

Signal: 1

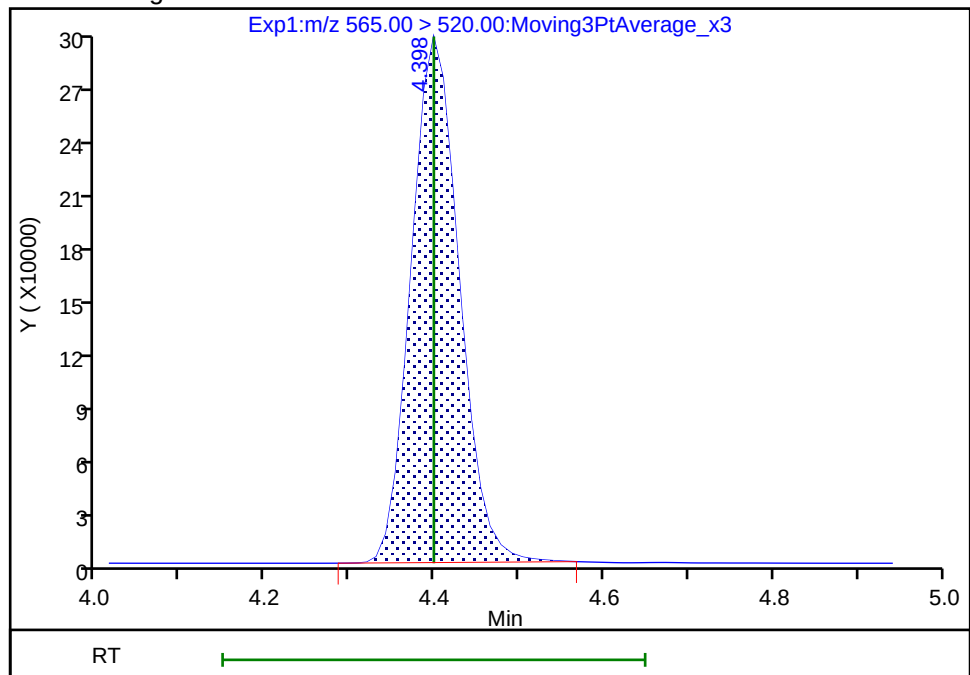
RT: 4.40
Area: 1171704
Amount: 1.219979
Amount Units: ng/ml

Processing Integration Results



RT: 4.40
Area: 1162923
Amount: 1.238271
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:59:34
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

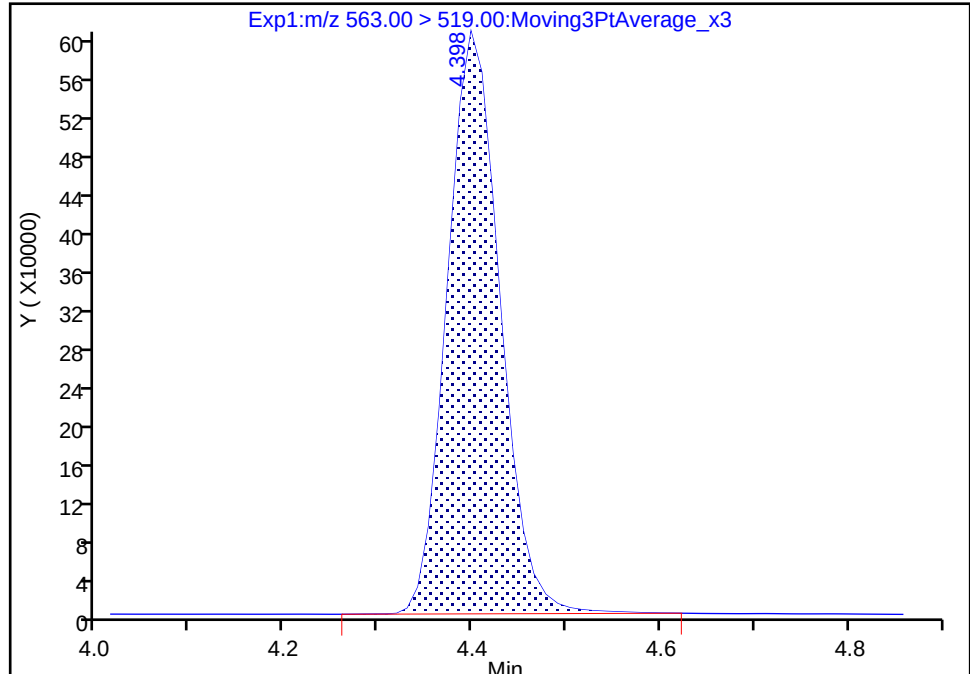
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

31 Perfluoroundecanoic acid, CAS: 2058-94-8

Signal: 1

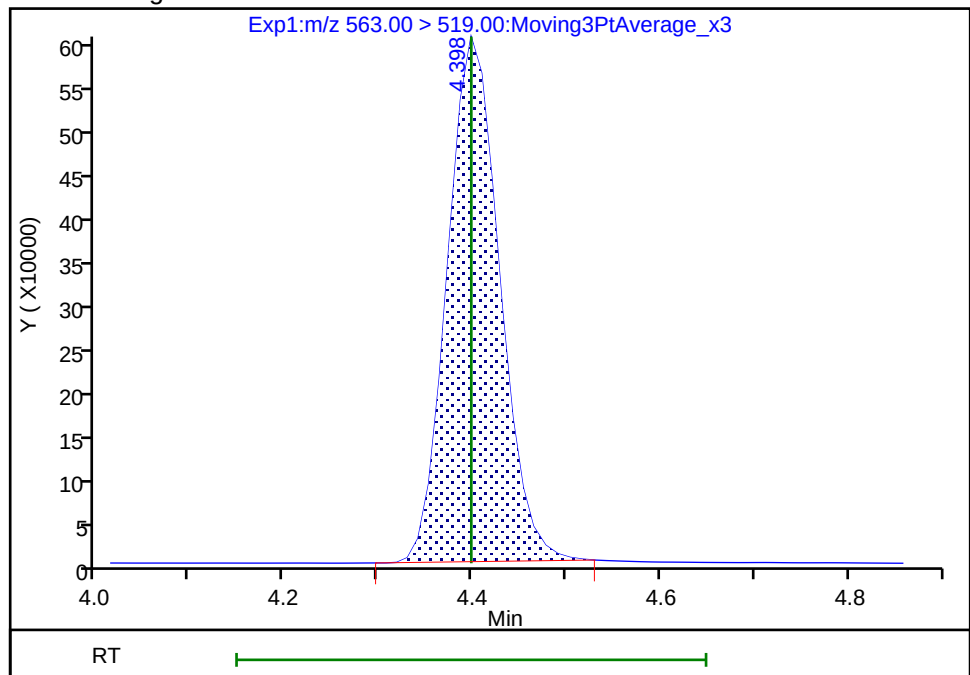
RT: 4.40
Area: 2338708
Amount: 2.391819
Amount Units: ng/ml

Processing Integration Results



RT: 4.40
Area: 2312817
Amount: 2.346523
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:59:38
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

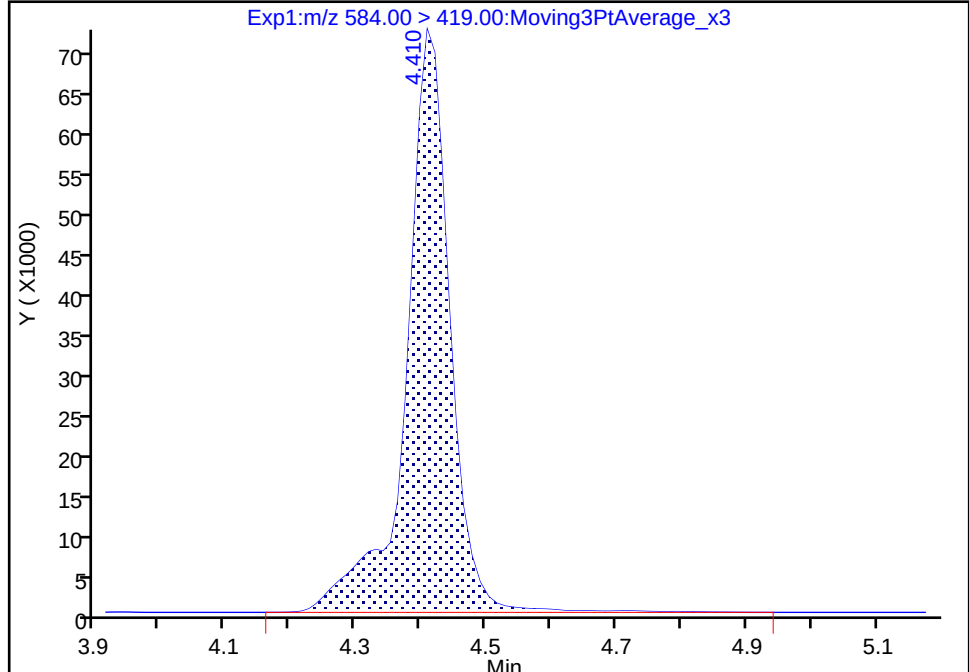
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

33 N-ethylperfluorooctanesulfonamid, CAS: 2991-50-6

Signal: 1

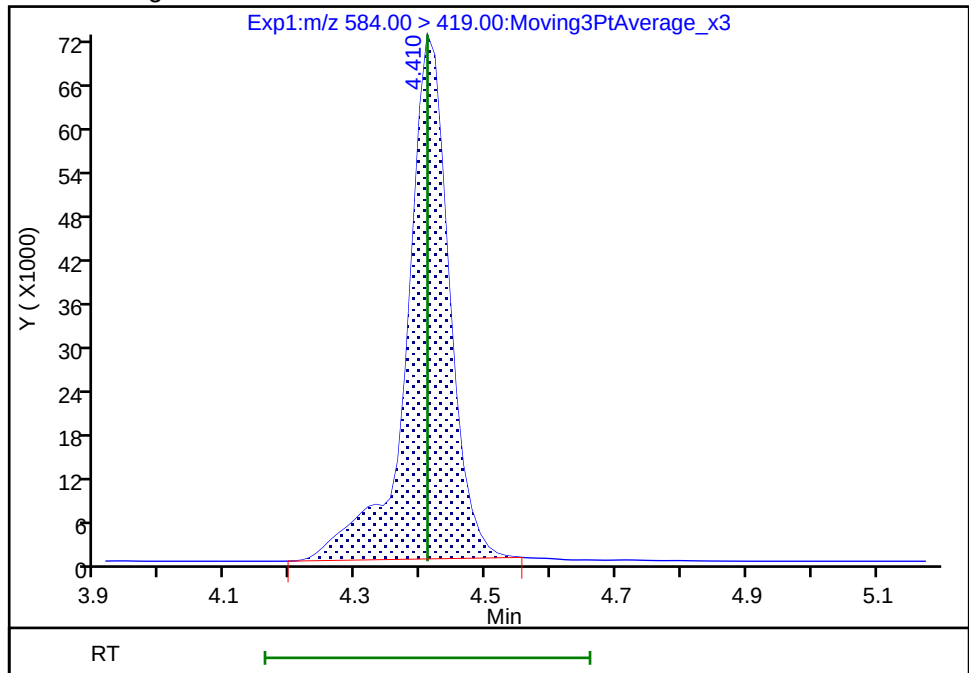
RT: 4.41
Area: 338808
Amount: 2.376370
Amount Units: ng/ml

Processing Integration Results



RT: 4.41
Area: 329631
Amount: 2.322743
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:59:44
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

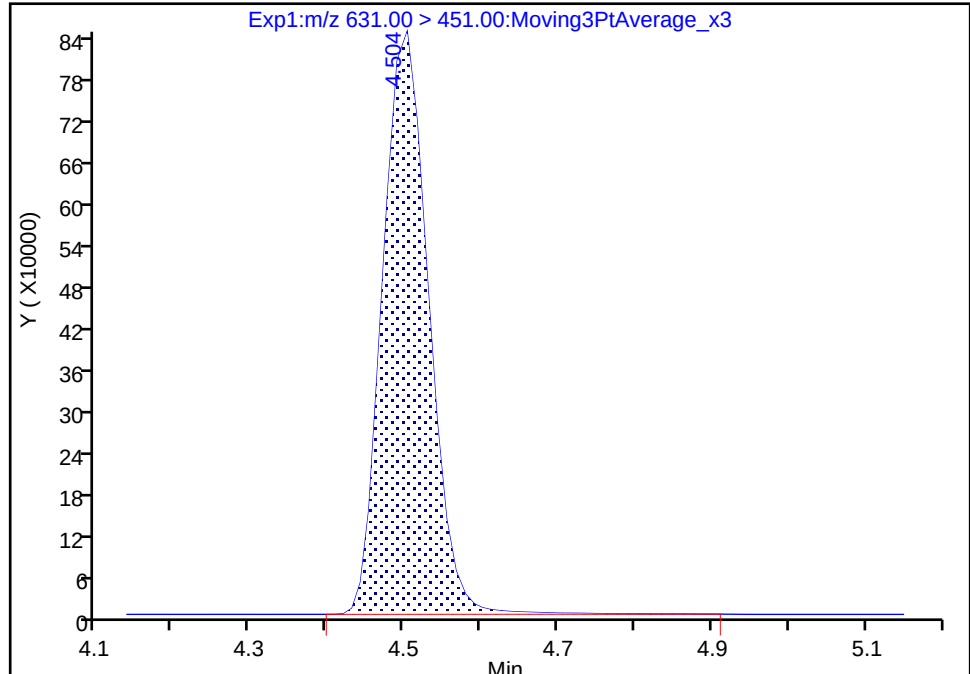
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

66 11-Chloroeicosafluoro-3-oxaundec, CAS: 763051-92-9

Signal: 1

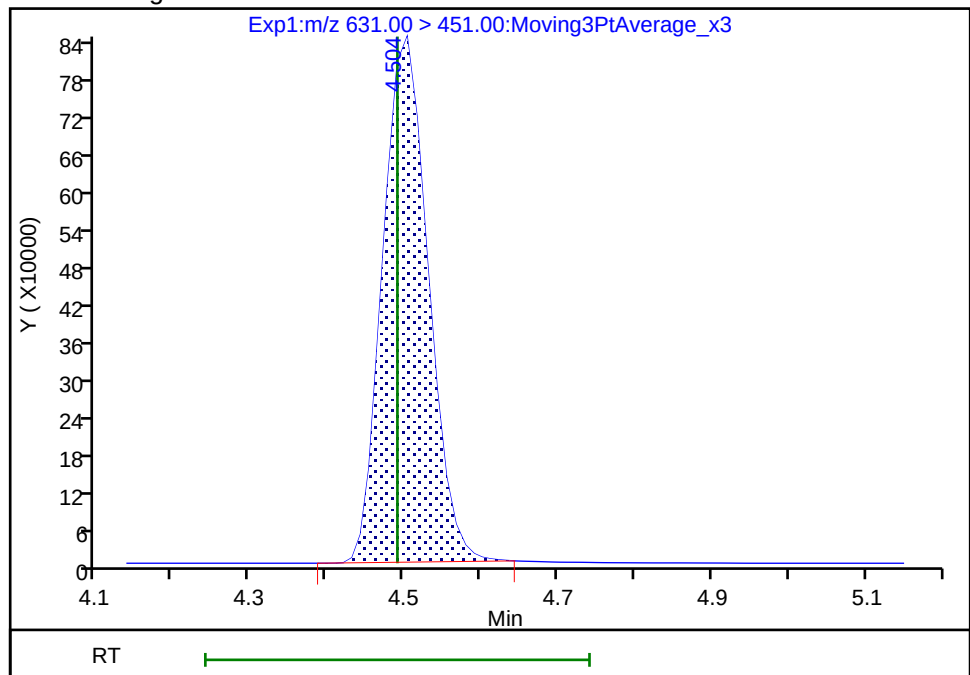
RT: 4.50
Area: 3521952
Amount: 2.211109
Amount Units: ng/ml

Processing Integration Results



RT: 4.50
Area: 3478140
Amount: 2.191935
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:59:52
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

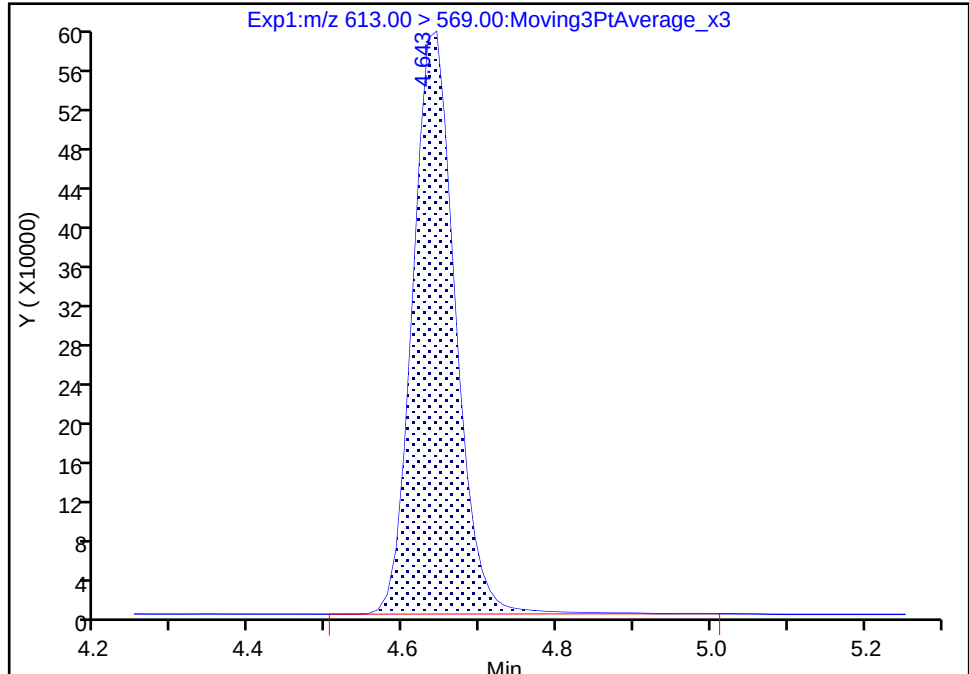
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

37 Perfluorododecanoic acid, CAS: 307-55-1

Signal: 1

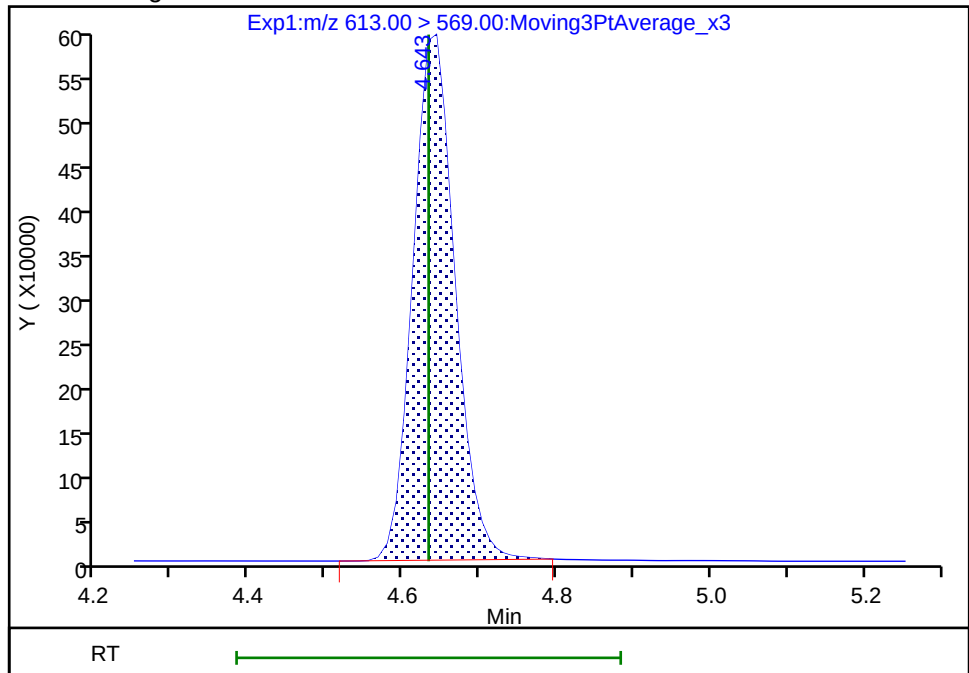
RT: 4.64
Area: 2281722
Amount: 2.351526
Amount Units: ng/ml

Processing Integration Results



RT: 4.64
Area: 2257049
Amount: 2.326708
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 13:59:58
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

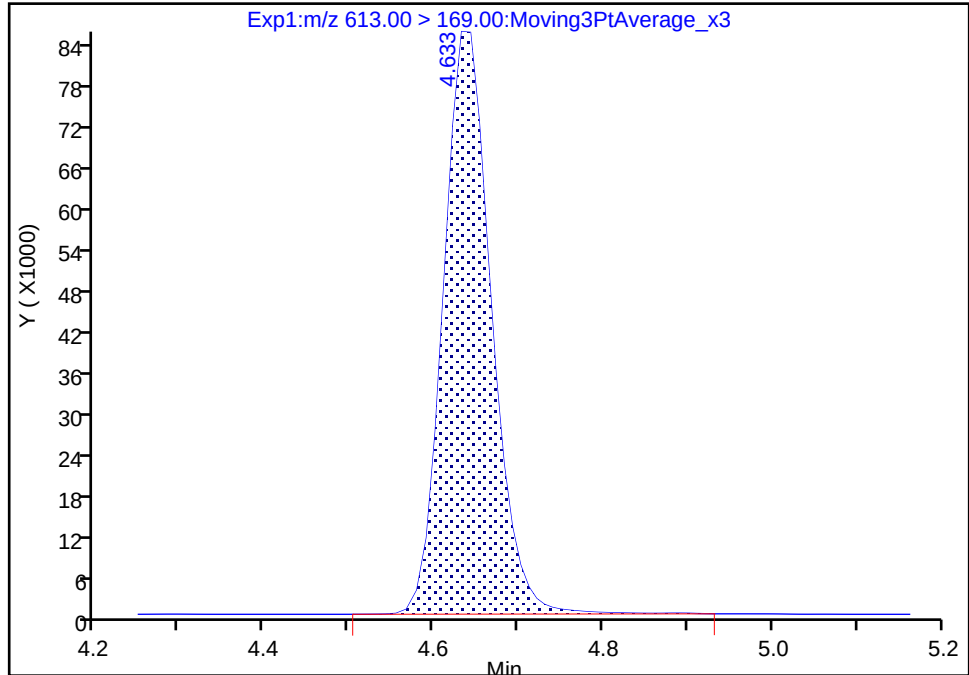
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

37 Perfluorododecanoic acid, CAS: 307-55-1

Signal: 2

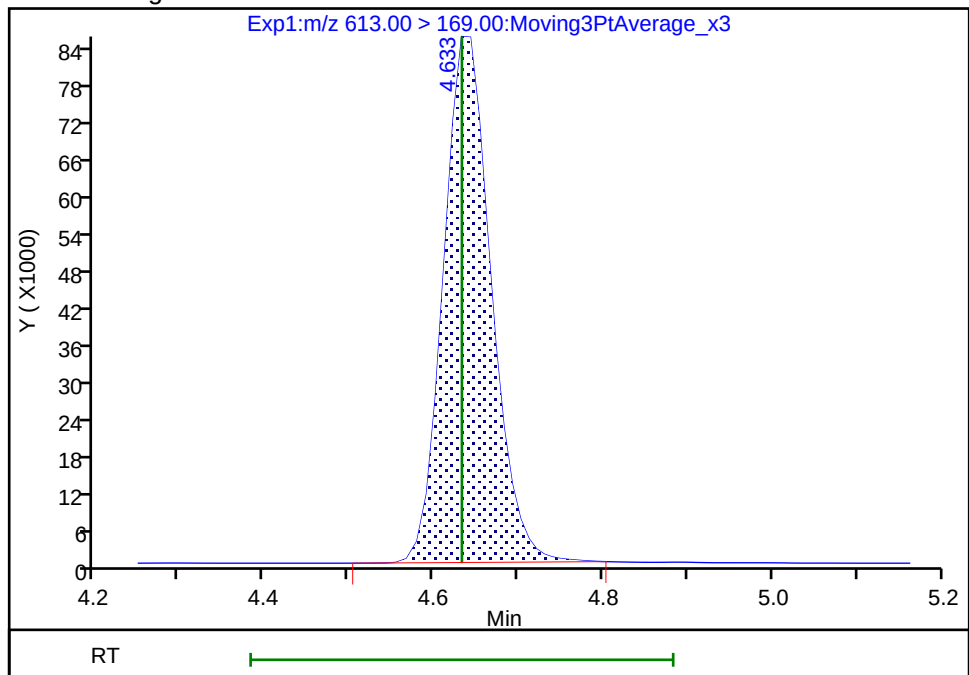
RT: 4.63
Area: 337189
Amount: 2.351526
Amount Units: ng/ml

Processing Integration Results



RT: 4.63
Area: 334655
Amount: 2.326708
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:00:02

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

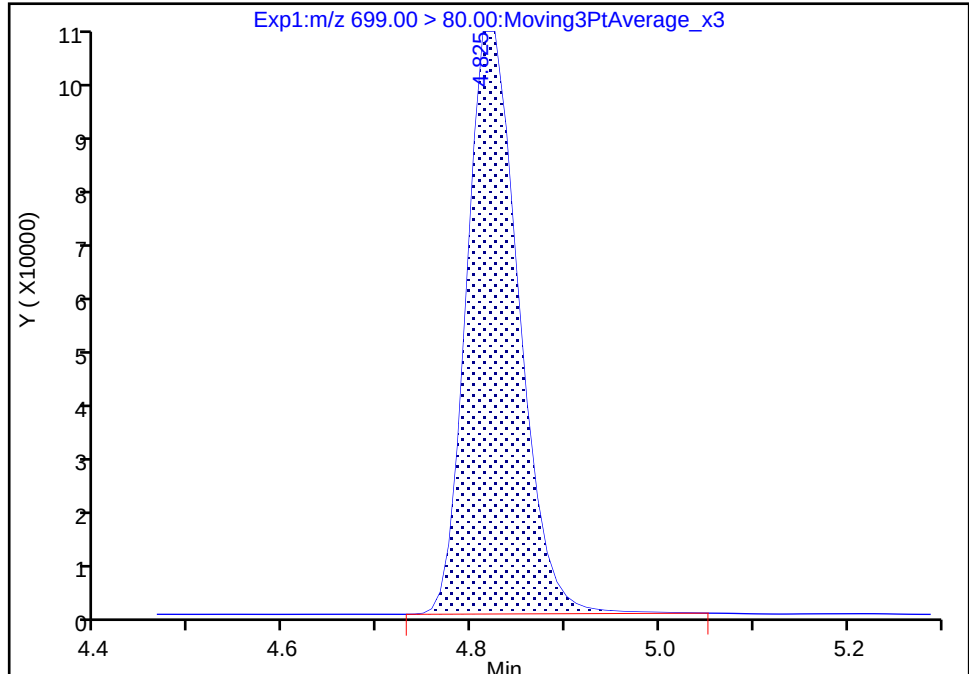
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

75 Perfluorododecanesulfonic acid (, CAS: 79780-39-5

Signal: 1

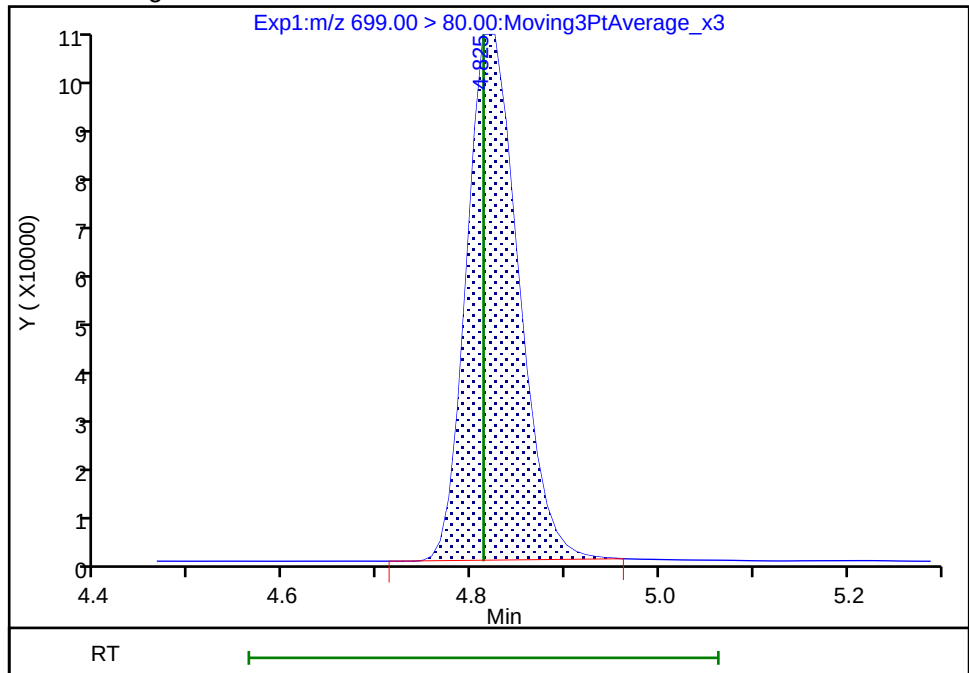
RT: 4.82
Area: 399815
Amount: 2.212612
Amount Units: ng/ml

Processing Integration Results



RT: 4.82
Area: 396436
Amount: 2.220415
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:00:09
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

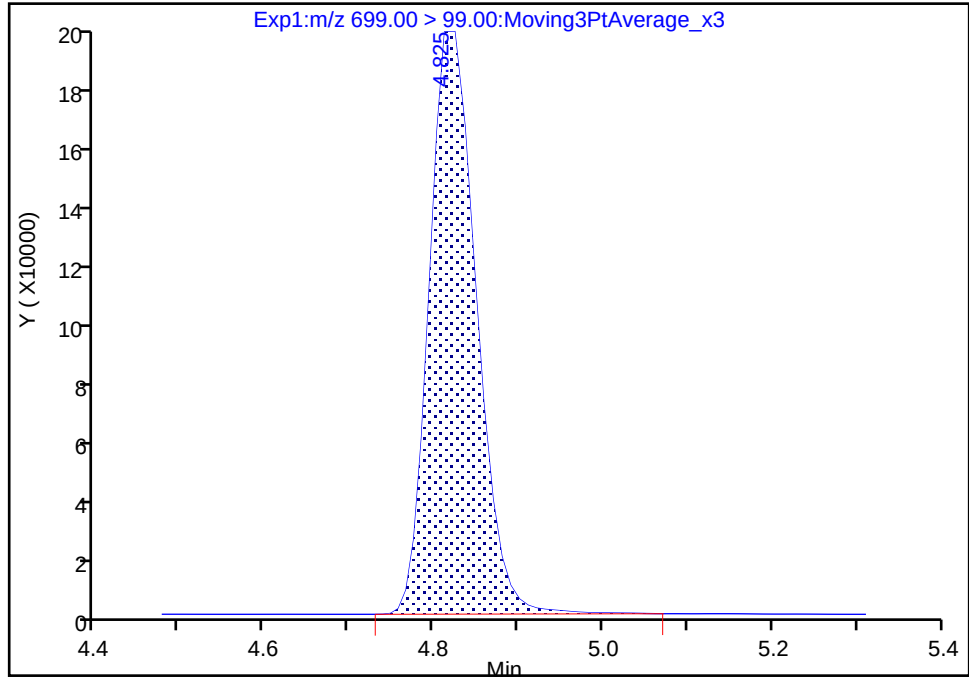
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

75 Perfluorododecanesulfonic acid (, CAS: 79780-39-5

Signal: 2

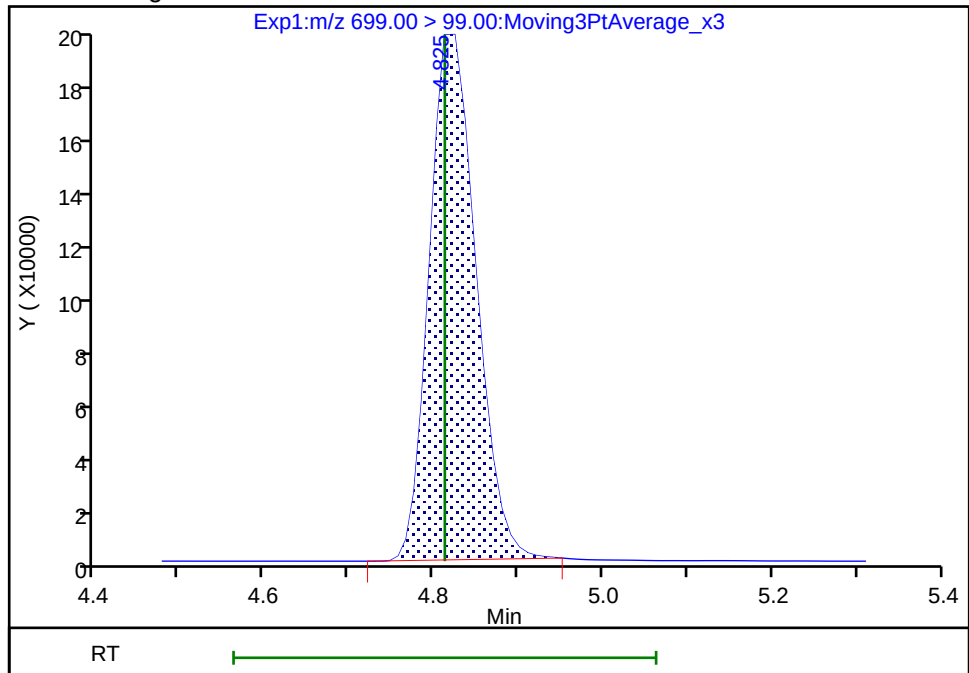
RT: 4.82
Area: 743373
Amount: 2.212612
Amount Units: ng/ml

Processing Integration Results



RT: 4.82
Area: 734014
Amount: 2.220415
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:00:12

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

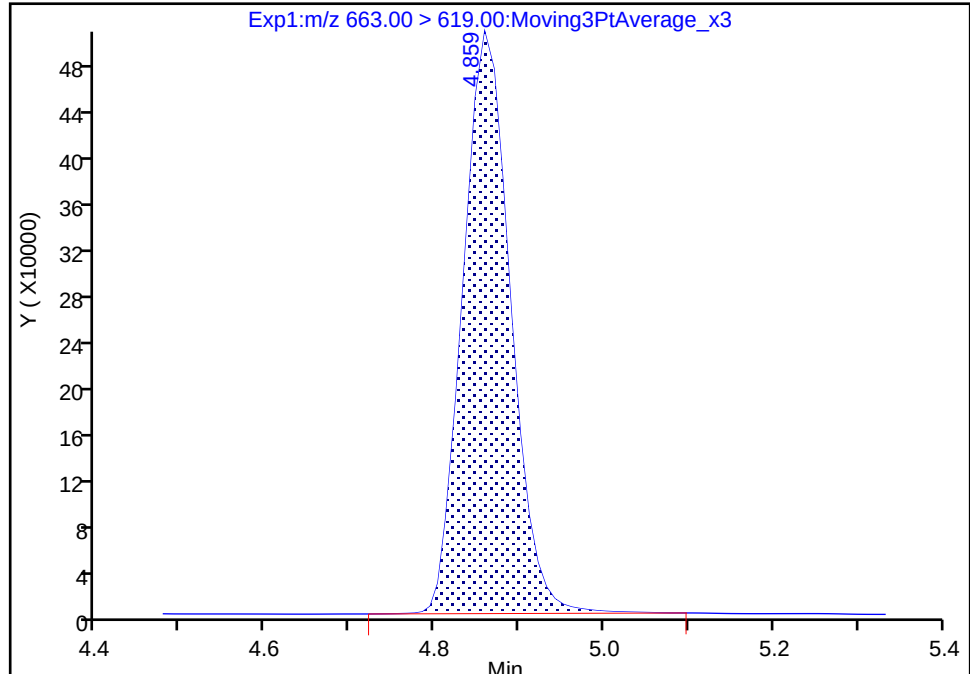
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

41 Perfluorotridecanoic acid, CAS: 72629-94-8

Signal: 1

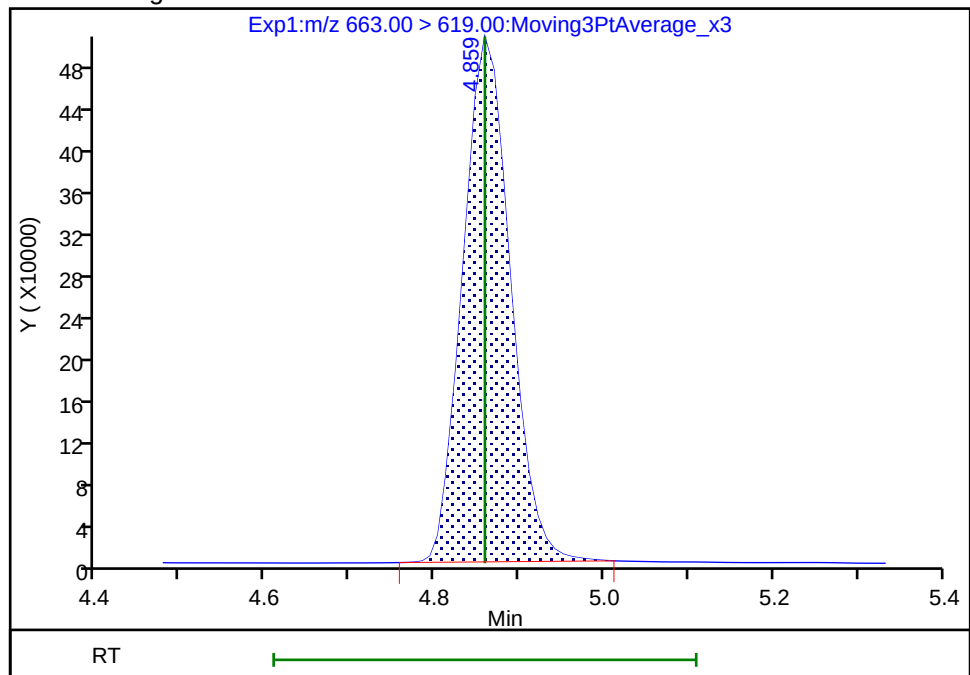
RT: 4.86
Area: 1976868
Amount: 2.334866
Amount Units: ng/ml

Processing Integration Results



RT: 4.86
Area: 1962703
Amount: 2.334014
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:00:19
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

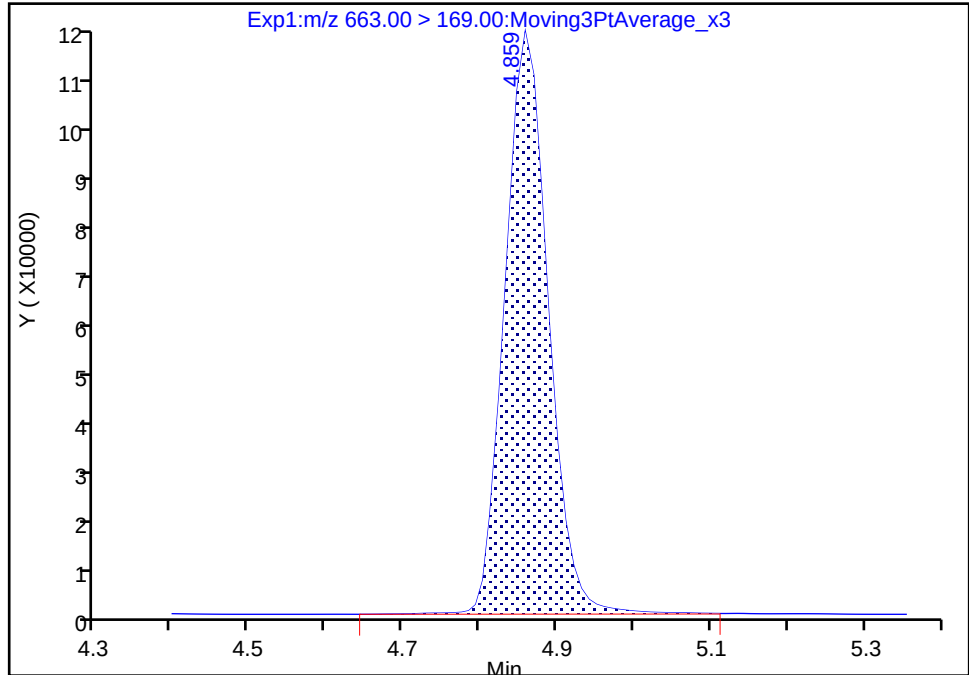
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

41 Perfluorotridecanoic acid, CAS: 72629-94-8

Signal: 2

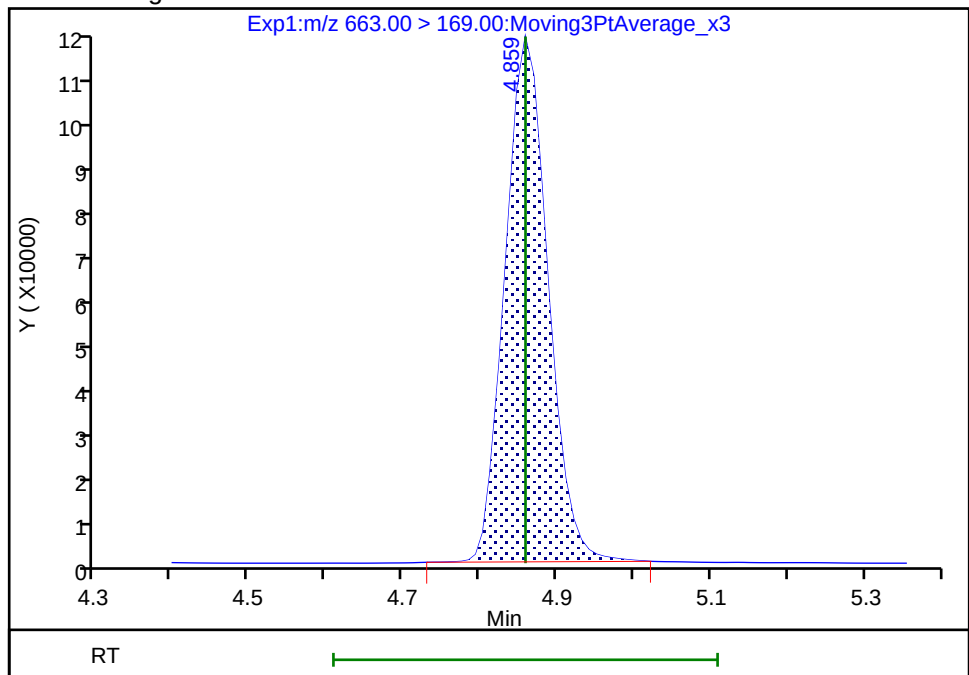
RT: 4.86
Area: 438867
Amount: 2.334866
Amount Units: ng/ml

Processing Integration Results



RT: 4.86
Area: 432883
Amount: 2.334014
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:00:23

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

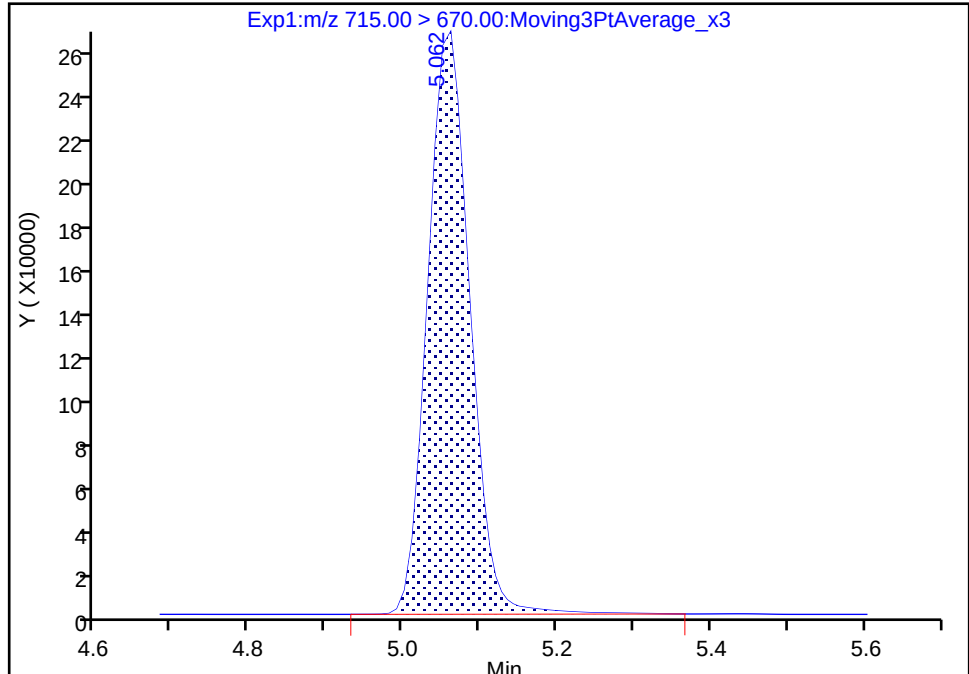
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 43 13C2 PFTeDA, CAS: STL02116

Signal: 1

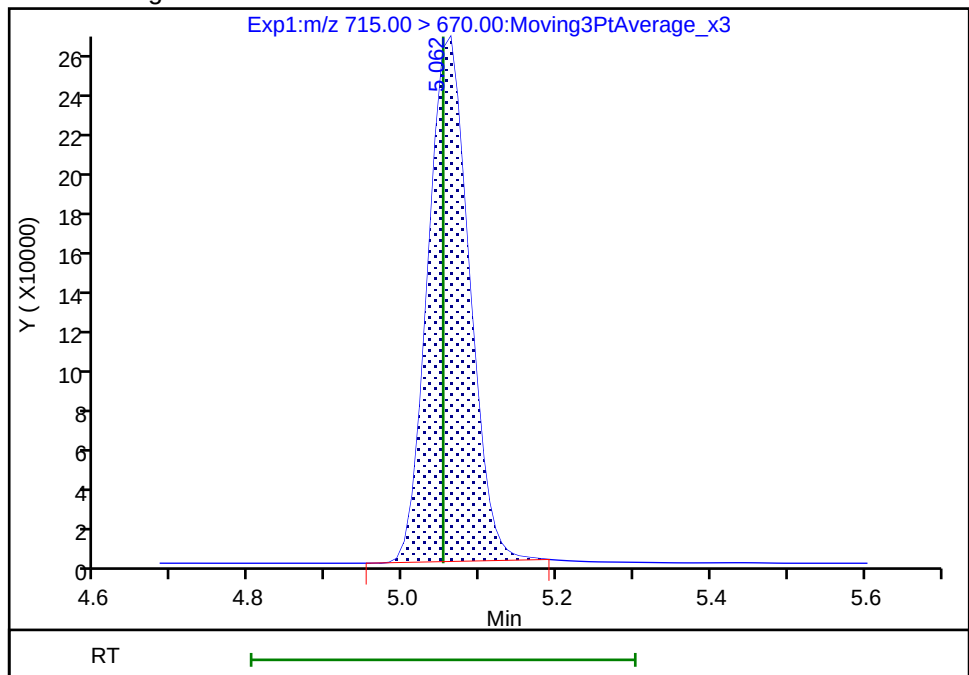
RT: 5.06
Area: 998442
Amount: 1.220089
Amount Units: ng/ml

Processing Integration Results



RT: 5.06
Area: 979883
Amount: 1.231701
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:00:30
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

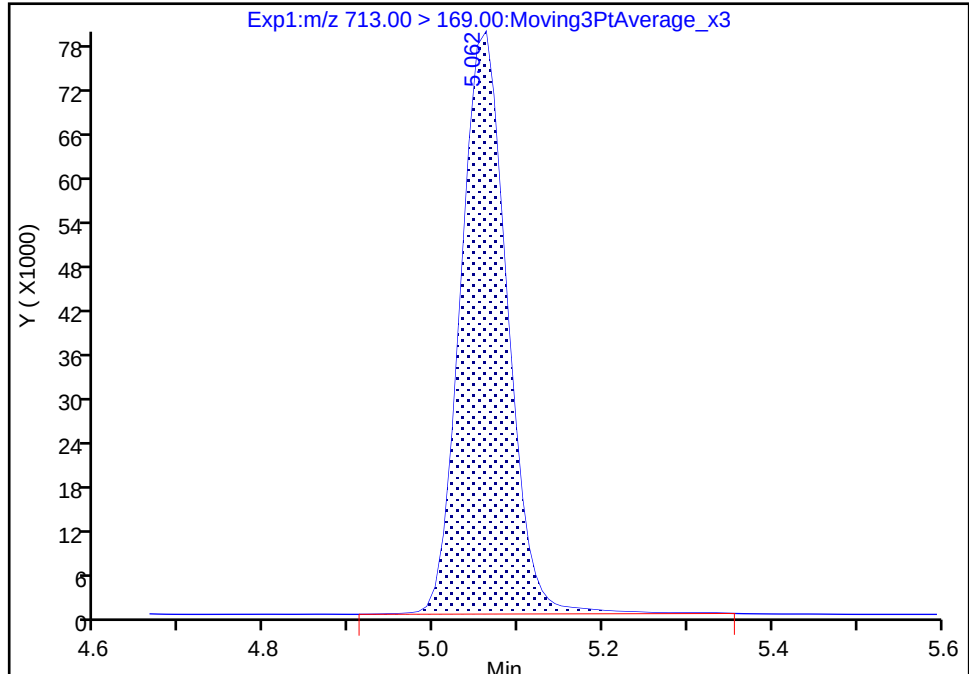
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

42 Perfluorotetradecanoic acid, CAS: 376-06-7

Signal: 1

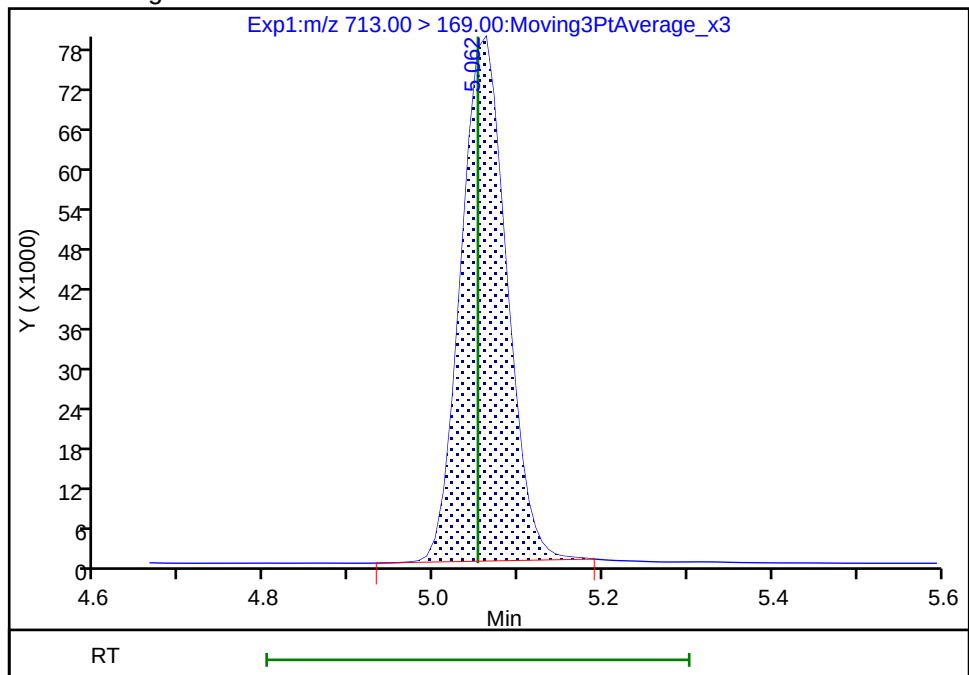
RT: 5.06
Area: 303758
Amount: 2.409911
Amount Units: ng/ml

Processing Integration Results



RT: 5.06
Area: 297564
Amount: 2.369318
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:00:34
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

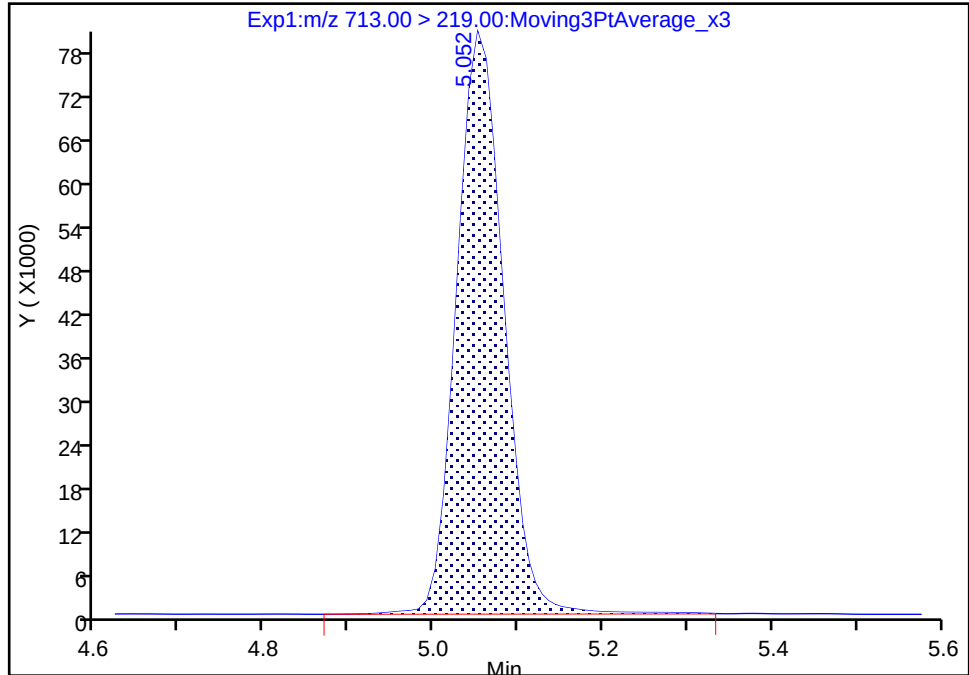
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

42 Perfluorotetradecanoic acid, CAS: 376-06-7

Signal: 2

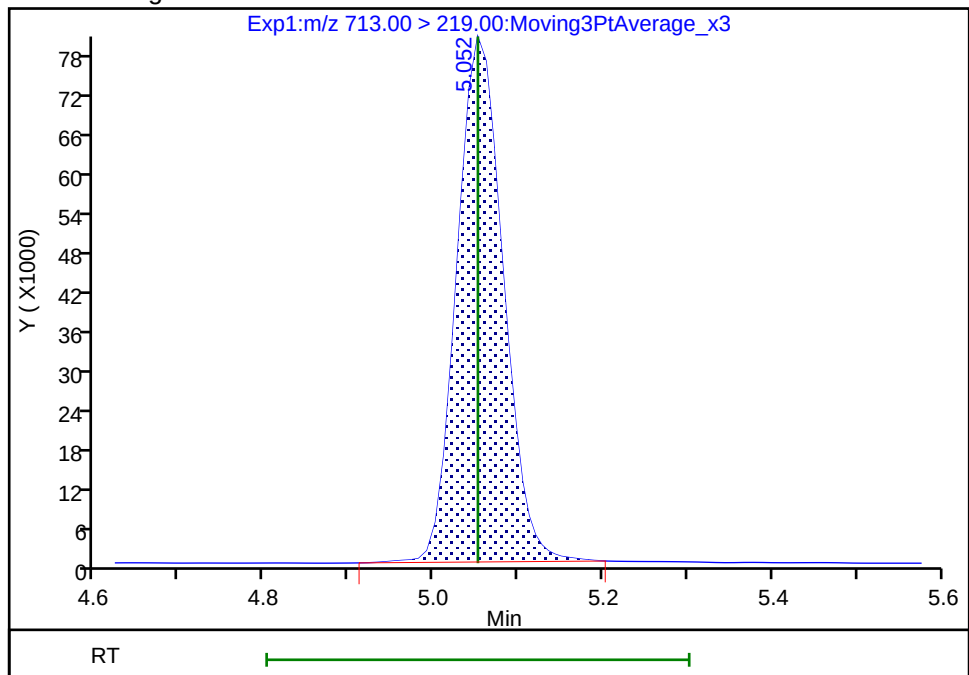
RT: 5.05
Area: 308951
Amount: 2.409911
Amount Units: ng/ml

Processing Integration Results



RT: 5.05
Area: 304623
Amount: 2.369318
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:00:37

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

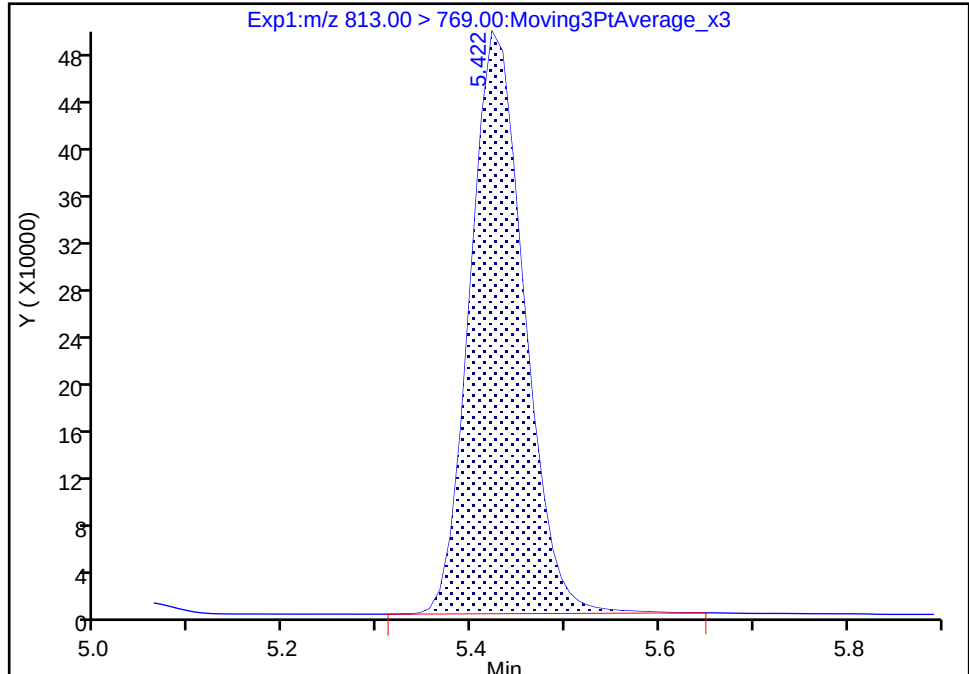
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

45 Perfluorohexadecanoic acid, CAS: 67905-19-5

Signal: 1

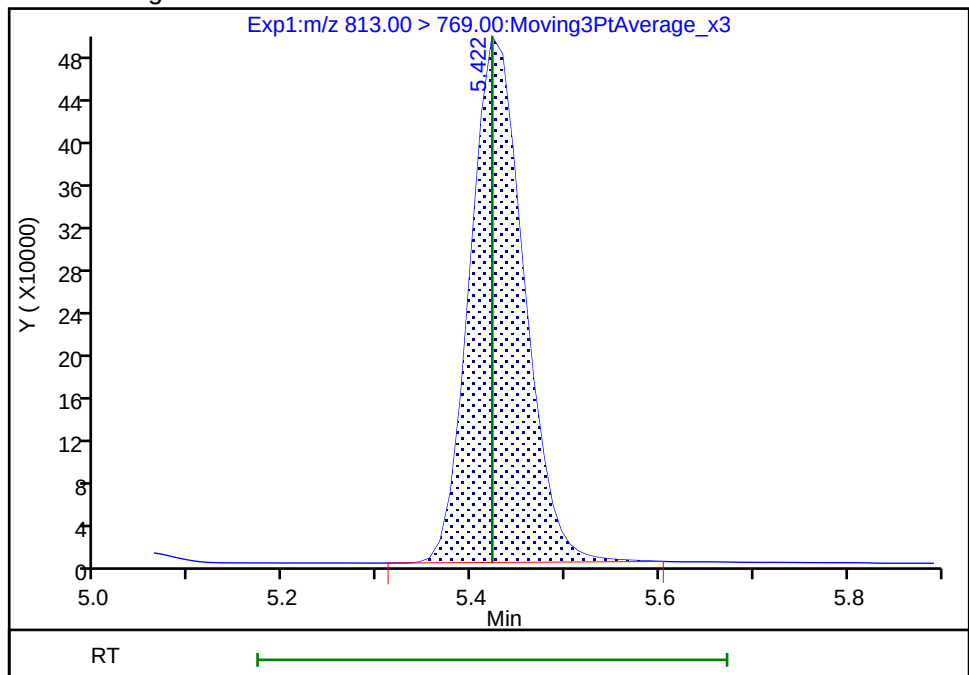
RT: 5.42
Area: 1995676
Amount: 2.489919
Amount Units: ng/ml

Processing Integration Results



RT: 5.42
Area: 1990402
Amount: 2.456727
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:00:43
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

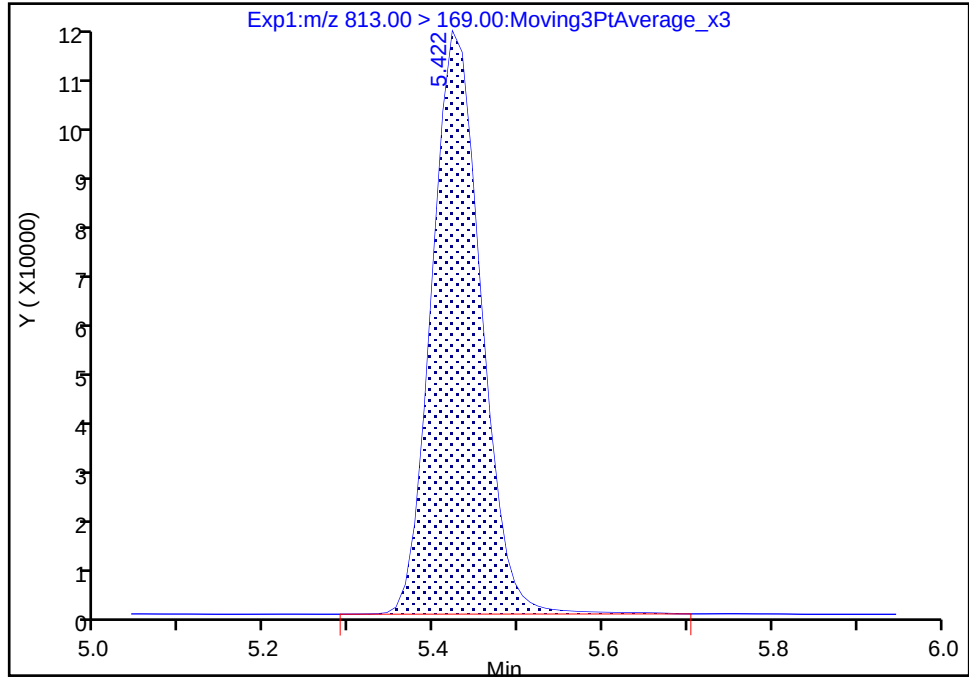
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

45 Perfluorohexadecanoic acid, CAS: 67905-19-5

Signal: 2

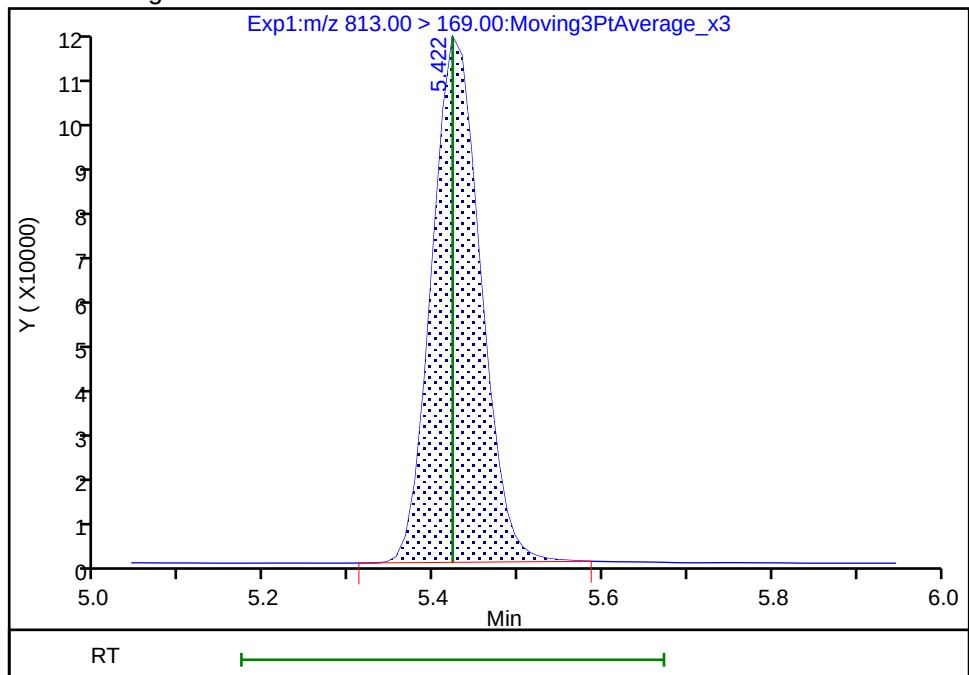
RT: 5.42
Area: 462920
Amount: 2.489919
Amount Units: ng/ml

Processing Integration Results



RT: 5.42
Area: 458670
Amount: 2.456727
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:00:46

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

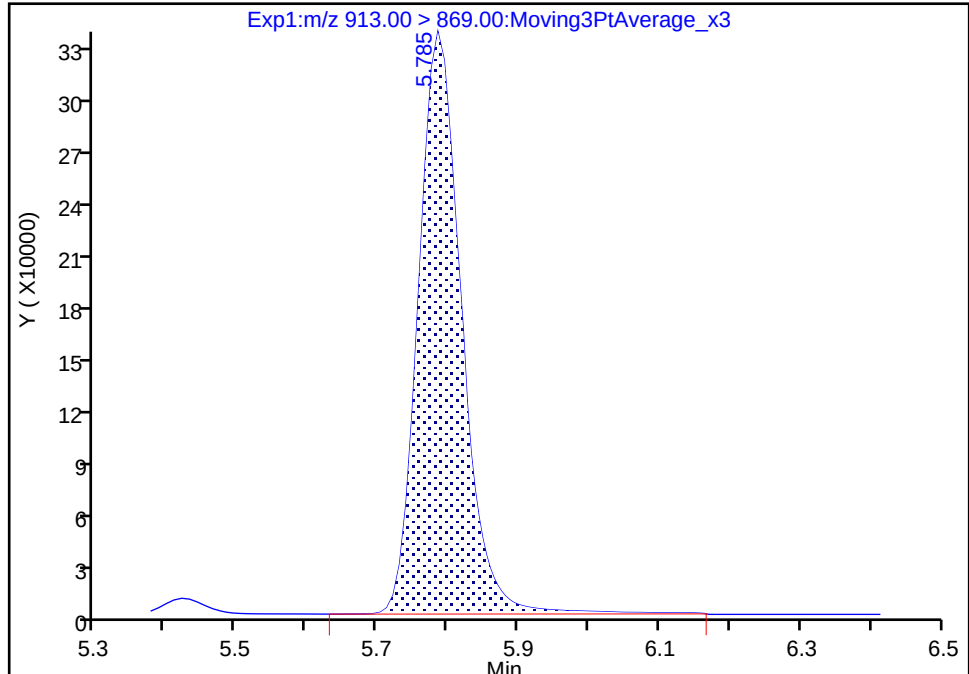
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

46 Perfluorooctadecanoic acid, CAS: 16517-11-6

Signal: 1

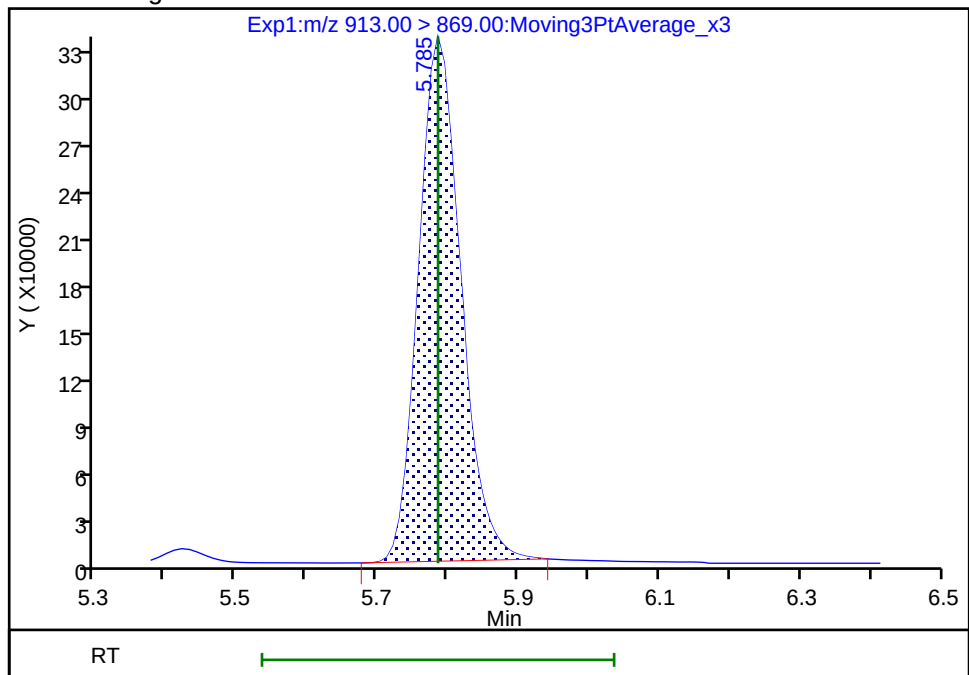
RT: 5.79
Area: 1431994
Amount: 2.347705
Amount Units: ng/ml

Processing Integration Results



RT: 5.79
Area: 1396187
Amount: 2.336629
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:00:54
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

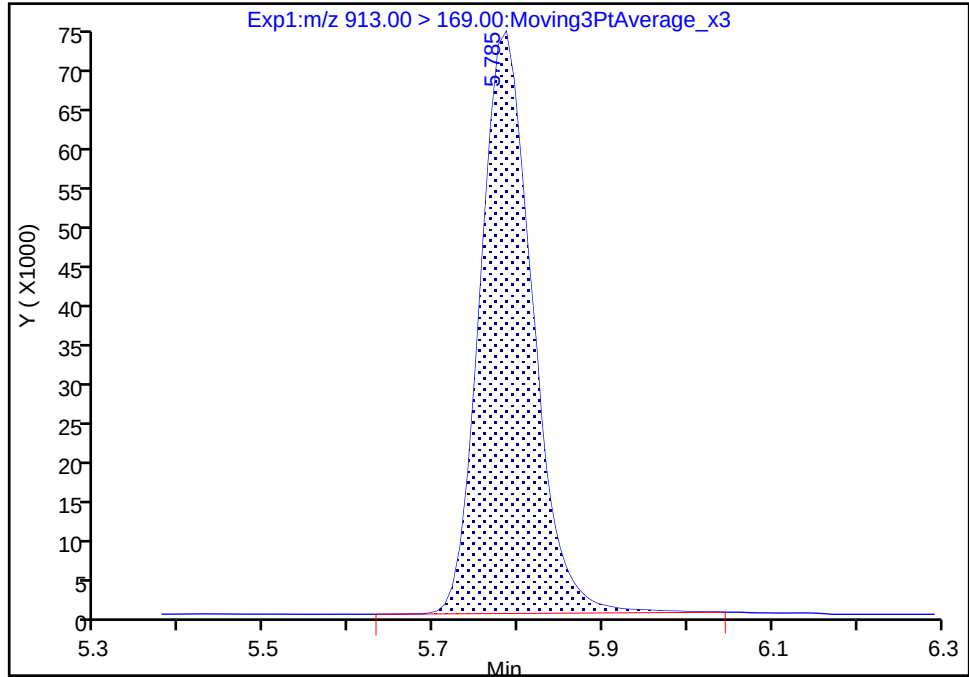
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL09.d
Injection Date: 03-Aug-2022 13:33:00 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 6 Worklist Smp#: 9
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

46 Perfluorooctadecanoic acid, CAS: 16517-11-6

Signal: 2

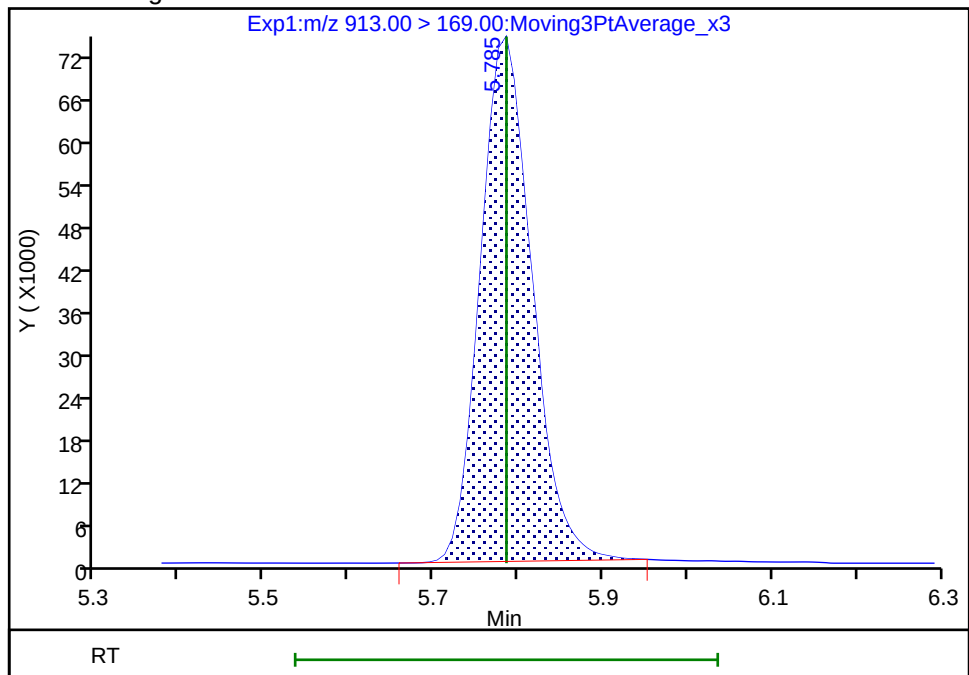
RT: 5.79
Area: 319284
Amount: 2.347705
Amount Units: ng/ml

Processing Integration Results



RT: 5.79
Area: 315550
Amount: 2.336629
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:00:57

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

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08/09/2022

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
 Lims ID: IC
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 03-Aug-2022 13:41:11 ALS Bottle#: 7 Worklist Smp#: 10
 Injection Vol: 20.0 ul Dil. Factor: 1.0000
 Sample Info: IC
 Misc. Info.: 200-0051940-010 Plate: 1 Rack: 1
 Operator ID: lc812tech Instrument ID: LC812
 Sublist: chrom-PFC_LC812*sub3
 Method: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PFC_LC812.m
 Limit Group: LC_PFC_ICAL
 Last Update: 03-Aug-2022 15:08:59 Calib Date: 03-Aug-2022 13:41:11
 Integrator: Picker
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
 Column 1 : C-18 (4.60 mm) Det: EXP1
 Process Host: CTX1672

First Level Reviewer: Z1IP

Date: 03-Aug-2022 15:08:59

Ratio Calibration: Initial Calibration Level: 4

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										M
217.00 > 172.00	2.085	2.085	0.0	0.599	1806199	1.27		101	7682	M
2 Perfluorobutanoic acid										M
212.90 > 169.00	2.085	2.085	0.0	1.000	13183310	9.41		94.1	1717	M
D 3 13C5 PFPeA										
267.90 > 223.00	2.400	2.400	0.0	0.689	1356802	1.24		98.9	3240	
4 Perfluoropentanoic acid										M
262.90 > 219.00	2.400	2.400	0.0	1.000	10770827	9.63		96.3	394	M
D 47 13C3 PFBS										M
301.90 > 80.00	2.413	2.413	0.0	0.693	1451388	1.14		98.4	151225	M
5 Perfluorobutanesulfonic acid										M
298.90 > 80.00	2.413	2.413	0.0	1.000	11911747	8.64	Target=2.23	97.8	2980	M
298.90 > 99.00	2.413	2.413	0.0	1.000	5675052		2.10(1.11-3.34)	97.8	1902	M
D 60 M2-4:2 FTS										M
329.00 > 81.00	2.713	2.713	0.0	0.779	128662	1.18		101	136	M
61 1H,1H,2H,2H-perfluorohexanesulfo										M
327.00 > 307.00	2.713	2.713	0.0	1.000	2363764	9.02		96.6	1377	M
6 Perfluorohexanoic acid										M
313.00 > 269.00	2.749	2.750	-0.001	1.000	10982567	9.66	Target=12.24	96.6	1262	M
313.00 > 119.00	2.749	2.750	-0.001	1.000	864666		12.70(6.12-18.36)	96.6	1019	M
D 7 13C2 PFHxA										
315.00 > 270.00	2.749	2.750	-0.001	0.790	1361444	1.24		99.4	2541	
70 Perfluoropentanesulfonic acid										M
349.00 > 80.00	2.762	2.762	0.0	0.885	11015177	9.12	Target=2.95	97.3	1876	M
349.00 > 99.00	2.762	2.762	0.0	0.885	3620783		3.04(1.48-4.43)	97.3	1698	M
D 64 13C3 HFPO-DA										
287.00 > 169.00	2.859	2.859	0.0	0.821	271626	1.32		105	2268	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
67 Perfluoro(2-propoxypropanoic) ac										M
285.00 > 169.00	2.859	2.859	0.0	1.000	2193377	9.39		93.9	1947	M
D 9 13C4 PFHpA										M
367.00 > 322.00	3.121	3.121	0.0	0.896	1400879	1.23		98.6	2331	M
10 Perfluoroheptanoic acid										M
363.00 > 319.00	3.121	3.121	0.0	1.000	11197138	9.69	Target=3.73	96.9	1523	M
363.00 > 169.00	3.121	3.121	0.0	1.000	2929777		3.82(1.86-5.59)	96.9	1499	M
D 11 18O2 PFHxS										
403.00 > 84.00	3.121	3.121	0.0	0.896	1101269	1.23		104	1707	
8 Perfluorohexanesulfonic acid										M
399.00 > 80.00	3.121	3.121	0.0	1.000	8919353	8.68	Target=3.43	95.4	1367	M
399.00 > 99.00	3.121	3.121	0.0	1.000	2507240		3.56(1.72-5.15)	95.4	1447	M
77 DONA										M
377.00 > 251.00	3.165	3.165	0.0	0.833	24439985	8.64	Target=2.84	91.7	2506	M
377.00 > 85.00	3.165	3.165	0.0	0.833	9289763		2.63(1.42-4.26)	91.7	2444	M
D 12 M2-6:2 FTS										M
429.00 > 81.00	3.474	3.474	0.0	0.997	177168	1.19		99.8	352	M
13 1H,1H,2H,2H-perfluorooctanesulfo										M
427.00 > 407.00	3.474	3.474	0.0	1.000	2069626	9.50		100	443	M
16 Perfluoroheptanesulfonic acid										M
449.00 > 80.00	3.474	3.474	0.0	0.914	7802287	9.19	Target=4.89	96.5	1959	M
449.00 > 99.00	3.474	3.474	0.0	0.914	1537874		5.07(2.44-7.33)	96.5	1928	M
15 Perfluorooctanoic acid										M
413.00 > 369.00	3.482	3.482	0.0	1.000	12341745	9.27	Target=2.67	92.7	957	M
413.00 > 169.00	3.482	3.482	0.0	1.000	4602327		2.68(1.34-4.01)	92.7	1596	M
D 14 13C4 PFOA										M
417.00 > 372.00	3.482	3.482	0.0	1.000	1483901	1.27		102	1496	M
* 62 13C2 PFOA										M
415.00 > 370.00	3.482	3.482	0.0		1527618	1.25			1548	M
17 Perfluorooctanesulfonic acid										M
499.00 > 80.00	3.802	3.802	0.0	1.000	6393833	9.33	Target=4.88	101	1465	M
499.00 > 99.00	3.802	3.802	0.0	1.000	1390243		4.60(2.44-7.32)	101	2111	M
D 18 13C4 PFOS										M
503.00 > 80.00	3.802	3.802	0.0	1.092	821046	1.23		103	806	M
20 Perfluorononanoic acid										M
463.00 > 419.00	3.822	3.822	0.0	1.000	11406519	9.42	Target=8.23	94.2	1661	M
463.00 > 169.00	3.822	3.822	0.0	1.000	1469986		7.76(4.11-12.34)	94.2	2123	M
D 19 13C5 PFNA										
468.00 > 423.00	3.822	3.822	0.0	1.098	1487561	1.23		98.5	3290	
69 9-Chlorohexadecafluoro-3-oxanona										M
531.00 > 351.00	3.969	3.969	0.0	1.044	10822143	8.92		95.7	2759	M
68 Perfluorononanesulfonic acid										M
549.00 > 80.00	4.092	4.093	-0.001	1.076	4925638	9.16	Target=2.53	95.4	1555	M
549.00 > 99.00	4.092	4.093	-0.001	1.076	2007966		2.45(1.26-3.79)	95.4	2310	M
25 1H,1H,2H,2H-perfluorodecanesulfo										M
527.00 > 507.00	4.138	4.127	0.011	1.000	1625337	9.09		94.9	2291	M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
24 Perfluorodecanoic acid										M
513.00 > 469.00	4.127	4.127	0.0	1.000	11511562	9.25	Target=9.67	92.5	1798	M
513.00 > 169.00	4.127	4.127	0.0	1.000	1252336		9.19(4.83-14.50)	92.5	1569	M
D 23 13C2 PFDA										M
515.00 > 470.00	4.127	4.127	0.0	1.185	1479189	1.26		101	1443	M
D 26 M2-8:2 FTS										
529.00 > 81.00	4.138	4.138	0.0	1.188	221709	1.23		103	911	
D 21 13C8 FOSA										M
506.00 > 78.00	4.173	4.173	-0.001	1.198	1290314	1.25		100	1960	M
22 Perfluorooctanesulfonamide										M
498.00 > 78.00	4.184	4.173	0.011	1.003	10178171	9.68		96.8	1889	M
28 N-methylperfluorooctanesulfonami										M
570.00 > 419.00	4.273	4.273	0.0	1.000	1461120	9.87		98.7	708	M
D 27 d3-NMeFOSAA										M
573.00 > 419.00	4.273	4.273	0.0	1.227	208390	1.32		106	156	M
29 Perfluorodecanesulfonic acid										M
599.00 > 80.00	4.364	4.365	-0.001	1.148	3753346	9.38	Target=2.80	97.3	1755	M
599.00 > 99.00	4.364	4.365	-0.001	1.148	1439627		2.61(1.40-4.20)	97.3	1798	M
D 30 13C2 PFUnA										M
565.00 > 520.00	4.398	4.399	-0.001	1.263	1097436	1.23		98.5	1426	M
31 Perfluoroundecanoic acid										M
563.00 > 519.00	4.398	4.399	-0.001	1.000	8843669	9.51	Target=9.07	95.1	2177	M
563.00 > 169.00	4.398	4.399	-0.001	1.000	1029859		8.59(4.54-13.61)	95.1	1713	M
33 N-ethylperfluorooctanesulfonamid										M
584.00 > 419.00	4.410	4.410	0.0	1.000	1315871	9.87		98.7	1122	M
D 32 d5-NEtFOSAA										M
589.00 > 419.00	4.410	4.410	0.0	1.266	183559	1.23		98.4	772	M
66 11-Chloroeicosafuoro-3-oxaundec										M
631.00 > 451.00	4.504	4.491	0.013	1.185	13952793	8.83		93.8	1796	M
D 36 13C2 PFDaA										
615.00 > 570.00	4.633	4.633	0.0	1.330	1209177	1.31		105	3083	
37 Perfluorododecanoic acid										M
613.00 > 569.00	4.633	4.633	0.0	1.000	9235605	9.41	Target=6.97	94.1	944	M
613.00 > 169.00	4.633	4.633	0.0	1.000	1408846		6.56(3.48-10.45)	94.1	2147	M
74 1H,1H,2H,2H-perfluorododecanesul										M
627.00 > 607.00	4.654	4.654	0.0	1.125	745570	8.93		92.6	1125	M
75 Perfluorododecanesulfonic acid (										M
699.00 > 80.00	4.812	4.813	-0.001	1.266	1630442	9.17	Target=0.52	94.8	1791	M
699.00 > 99.00	4.812	4.813	-0.001	1.266	3129781		0.52(0.26-0.79)	94.8	2015	M
41 Perfluorotridecanoic acid										M
663.00 > 619.00	4.859	4.859	0.0	1.049	7584486	8.92	Target=4.56	89.2	786	M
663.00 > 169.00	4.859	4.859	0.0	1.049	1722893		4.40(2.28-6.84)	89.2	1600	M
D 43 13C2 PFTeDA										M
715.00 > 670.00	5.062	5.052	0.010	1.454	949490	1.26		101	2056	M
42 Perfluorotetradecanoic acid										M
713.00 > 169.00	5.062	5.052	0.010	1.000	1163895	9.56	Target=0.94	95.6	1501	M
713.00 > 219.00	5.052	5.052	0.0	0.998	1252704		0.93(0.47-1.41)	95.6	1611	M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
45 Perfluorohexadecanoic acid										M
813.00 > 769.00	5.422	5.422	0.0	1.000	7724125	9.98	Target=4.38	99.8	1090	M
813.00 > 169.00	5.422	5.422	0.0	1.000	1801906		4.29(2.19-6.57)	99.8	2158	M
D 44 13C2 PFHxDA										M
815.00 > 770.00	5.422	5.422	0.0	1.557	1080090	1.26		100	2274	M
46 Perfluorooctadecanoic acid										M
913.00 > 869.00	5.785	5.786	-0.001	1.067	5256805	9.15	Target=4.31	91.5	501	M
913.00 > 169.00	5.785	5.786	-0.001	1.067	1205334		4.36(2.16-6.47)	91.5	966	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

PFAS32NCIC6_00012

Amount Added: 100.00

Units: uL

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d

Injection Date: 03-Aug-2022 13:41:11

Instrument ID: LC812

Lims ID: IC

Client ID:

Operator ID: lc812tech

ALS Bottle#: 7

Worklist Smp#: 10

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

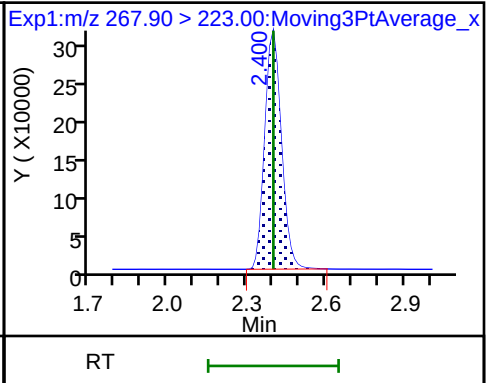
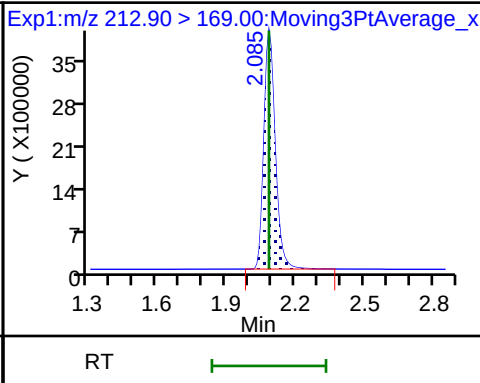
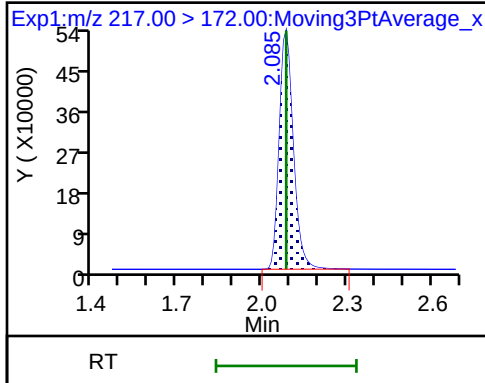
Method: PFC_LC812

Limit Group: LC_PFC_ICAL

D 1 13C4 PFBA (M)

2 Perfluorobutanoic acid (M)

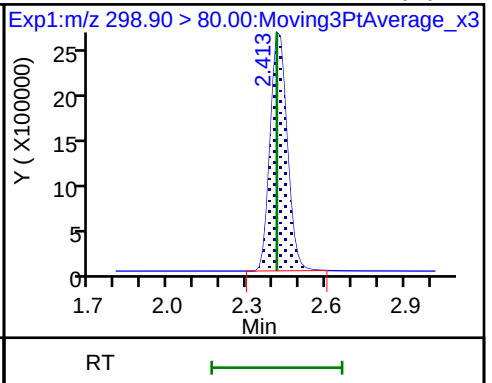
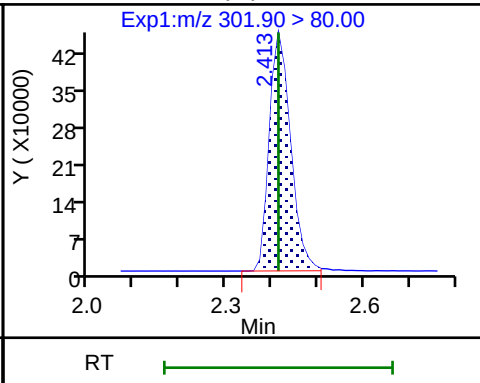
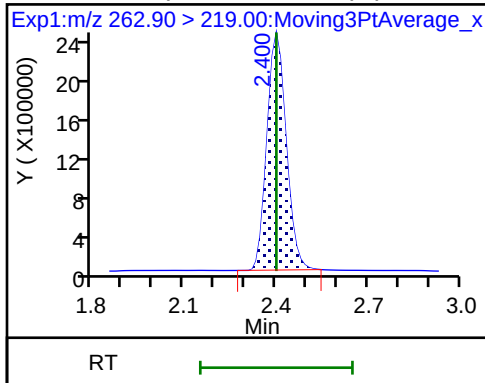
D 3 13C5 PFPeA



4 Perfluoropentanoic acid (M)

D 47 13C3 PFBS (M)

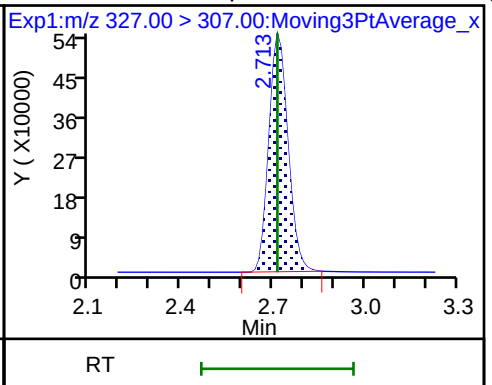
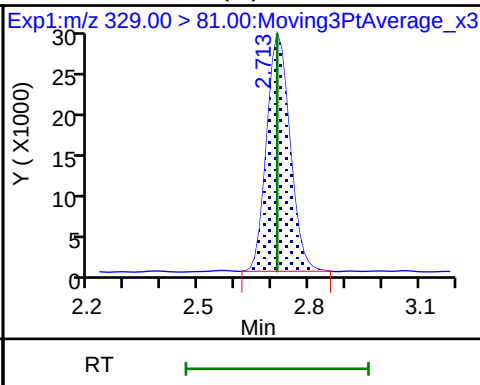
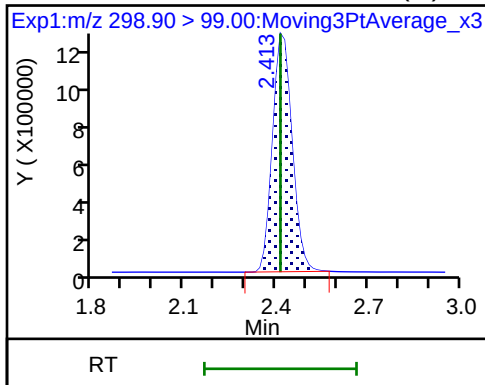
5 Perfluorobutanesulfonic acid (M)



5 Perfluorobutanesulfonic acid (M)

D 60 M2-4:2 FTS (M)

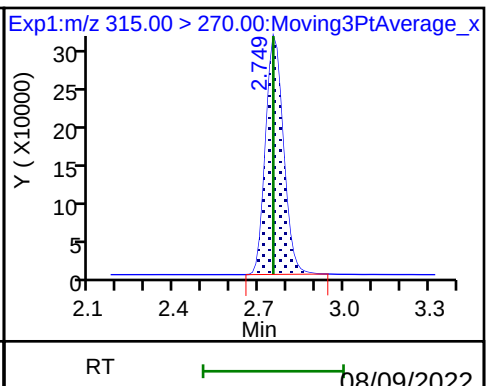
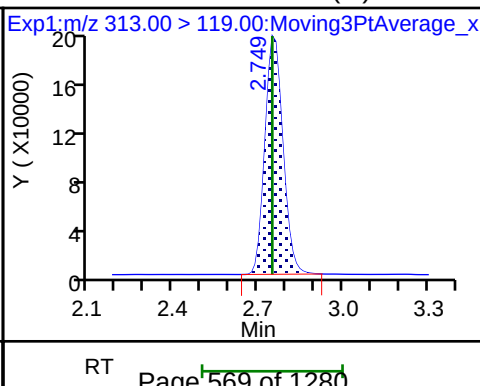
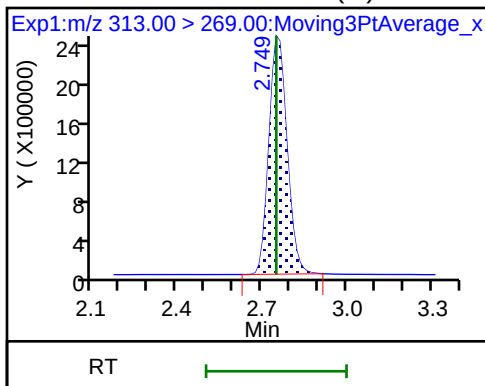
61 1H,1H,2H,2H-perfluorohexanesulfo (M)



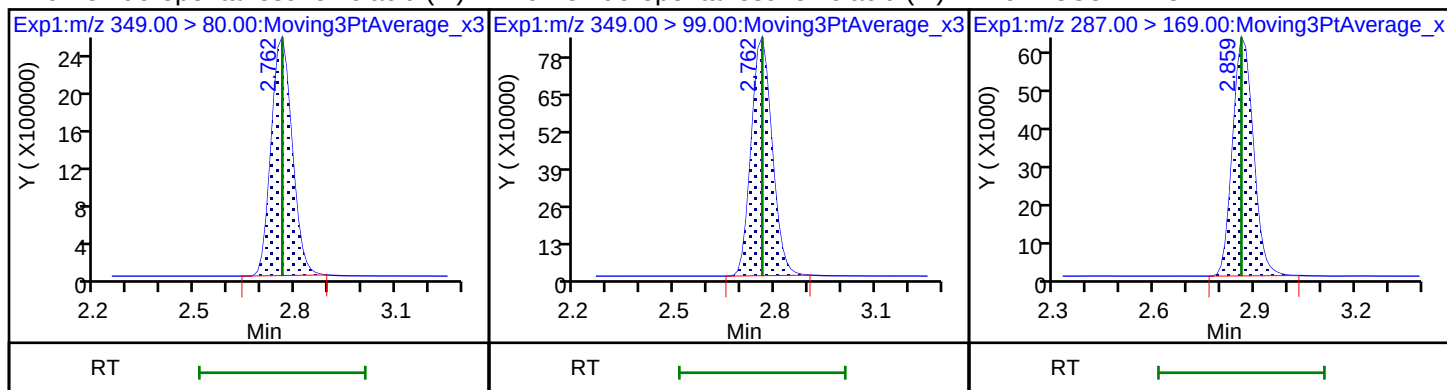
6 Perfluorohexanoic acid (M)

6 Perfluorohexanoic acid (M)

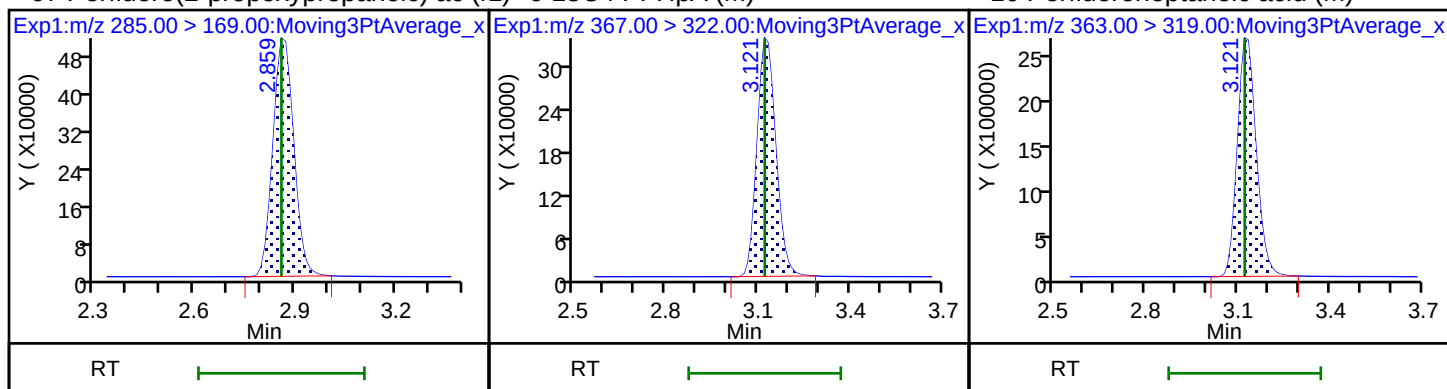
D 7 13C2 PFHxA



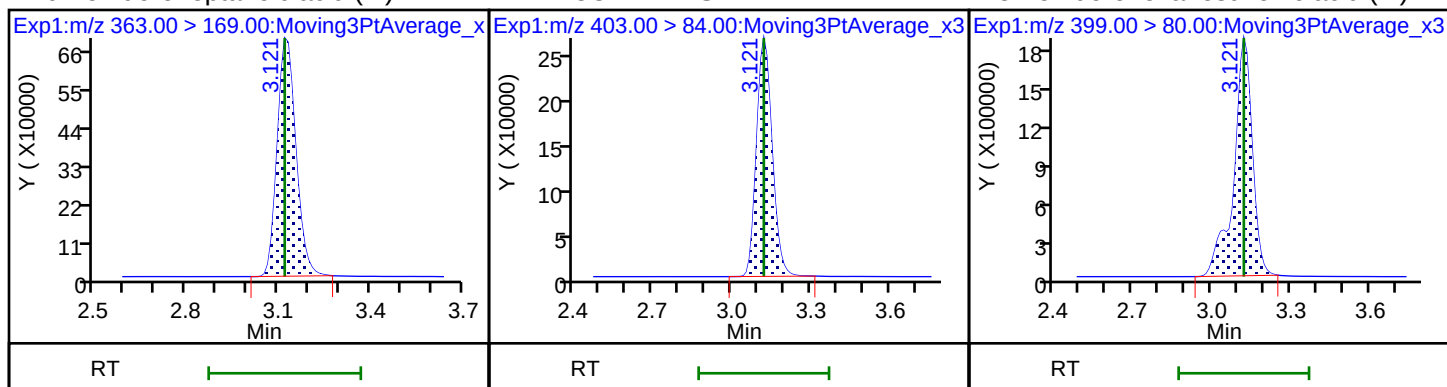
70 Perfluoropentanesulfonic acid (M) 70 Perfluoropentanesulfonic acid (M) D 64 13C3 HFPO-DA



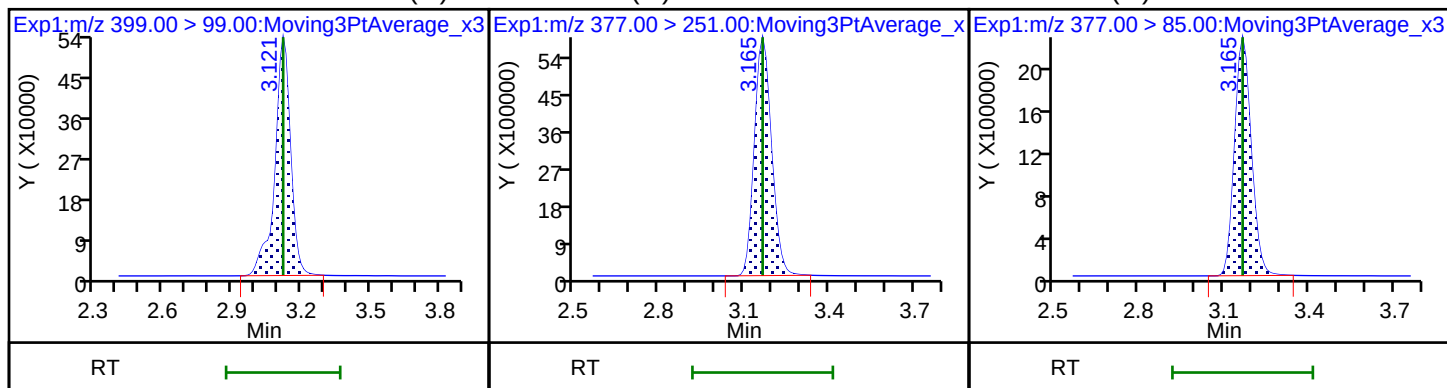
67 Perfluoro(2-propoxypropanoic) ac (M) 9 13C4 PFHpA (M) 10 Perfluoroheptanoic acid (M)



10 Perfluoroheptanoic acid (M) D 11 18O2 PFHxS 8 Perfluorohexanesulfonic acid (M)



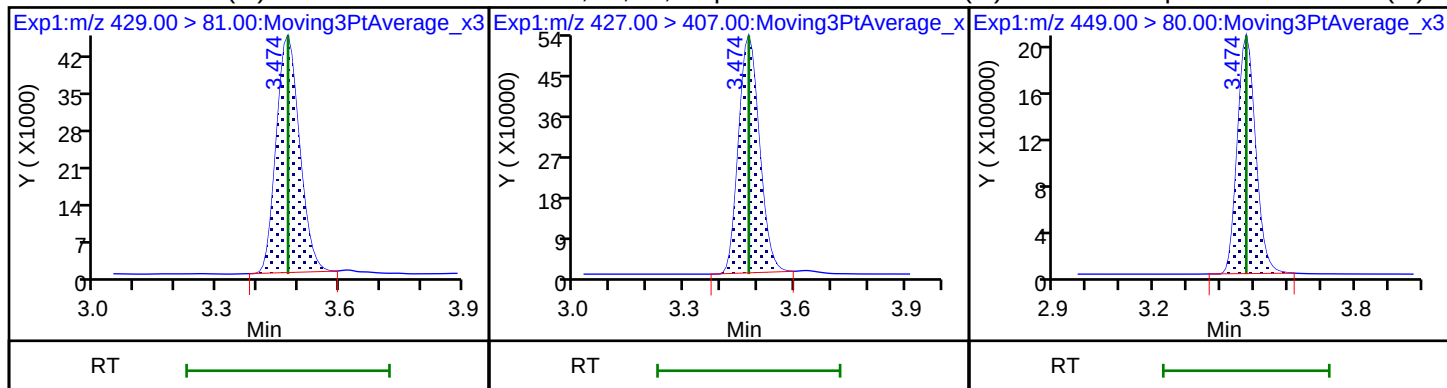
8 Perfluorohexanesulfonic acid (M) 77 DONA (M) 77 DONA (M)



D 12 M2-6:2 FTS (M)

13 1H,1H,2H,2H-perfluorooctanesulfo (M)

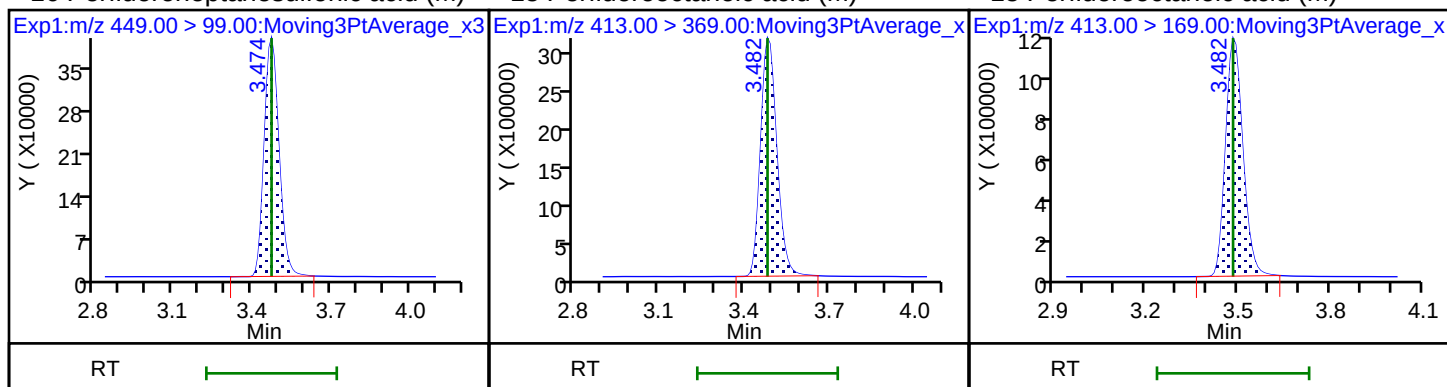
16 Perfluoroheptanesulfonic acid (M)



16 Perfluoroheptanesulfonic acid (M)

15 Perfluorooctanoic acid (M)

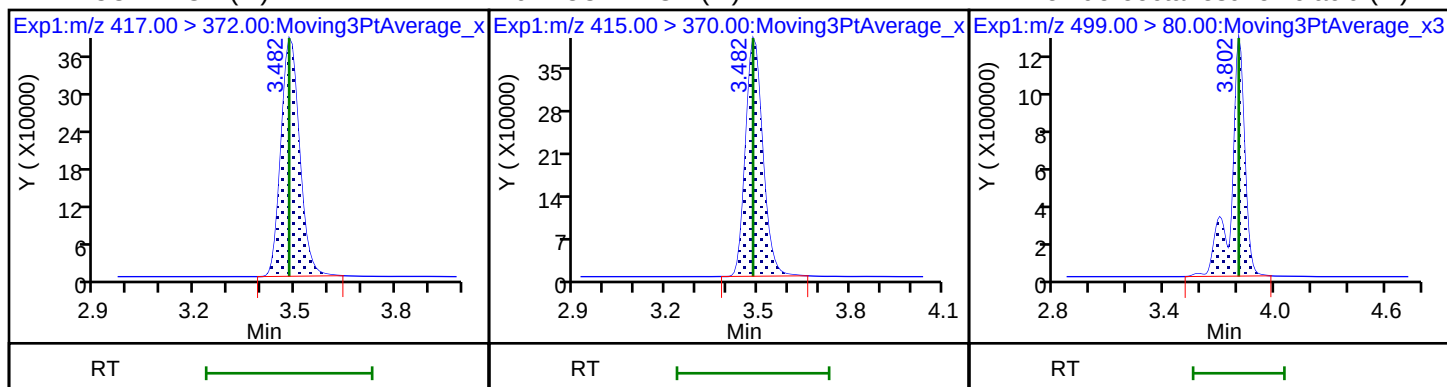
15 Perfluorooctanoic acid (M)



D 14 13C4 PFOA (M)

* 62 13C2 PFOA (M)

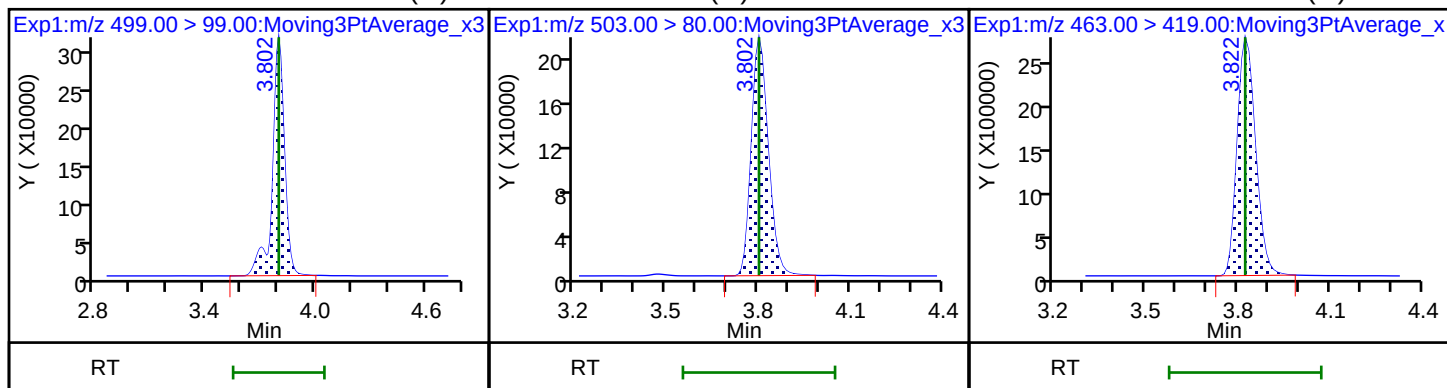
17 Perfluorooctanesulfonic acid (M)

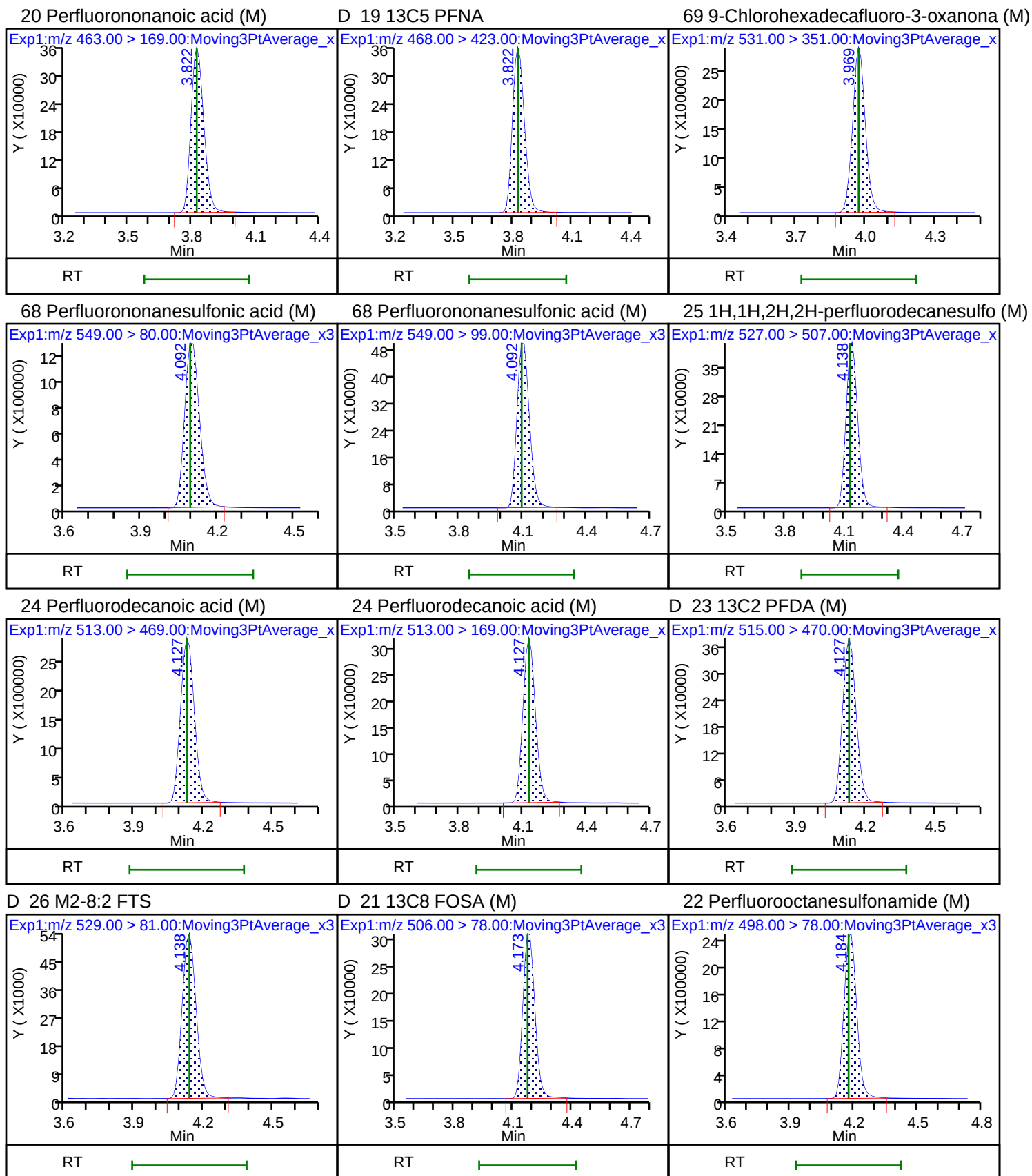


17 Perfluorooctanesulfonic acid (M)

D 18 13C4 PFOS (M)

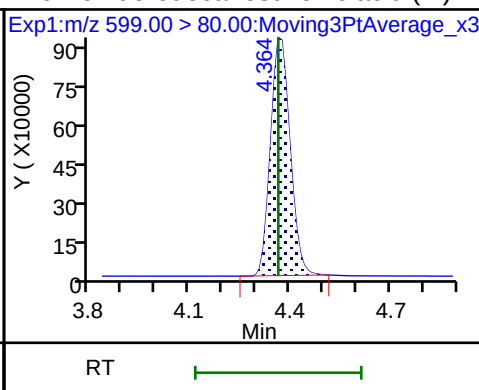
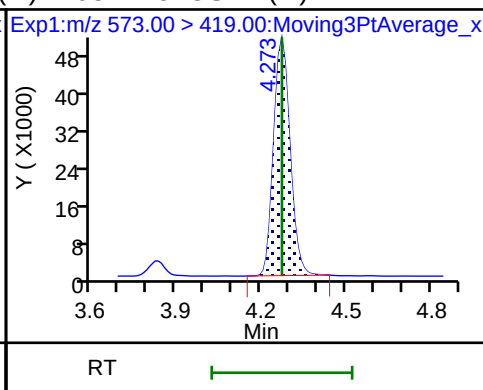
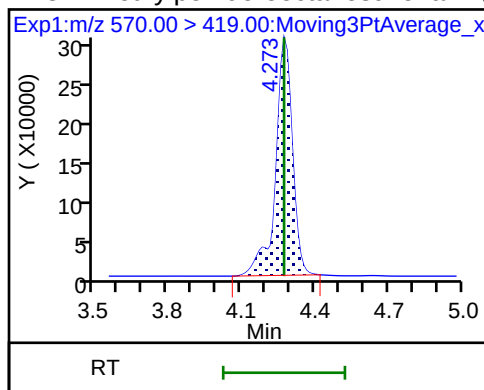
20 Perfluorononanoic acid (M)





28 N-methylperfluorooctanesulfonami (M) 27 d3-NMeFOSAA (M)

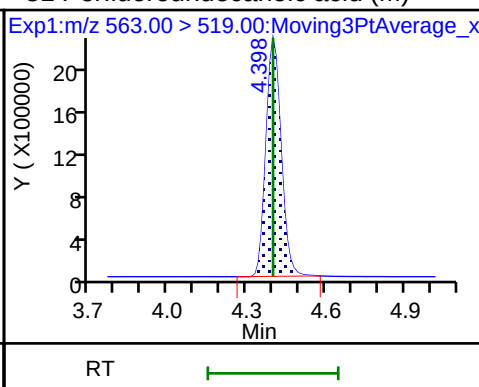
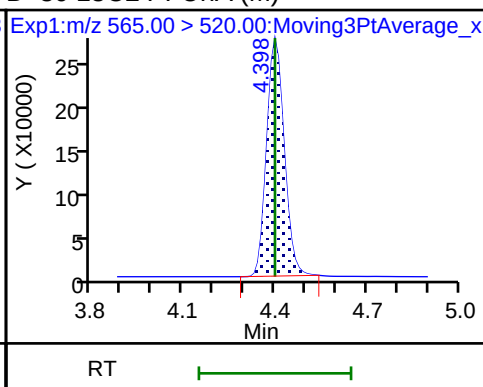
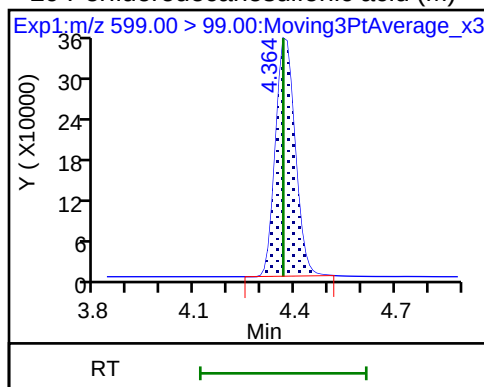
29 Perfluorodecanesulfonic acid (M)



29 Perfluorodecanesulfonic acid (M)

D 30 13C2 PFUnA (M)

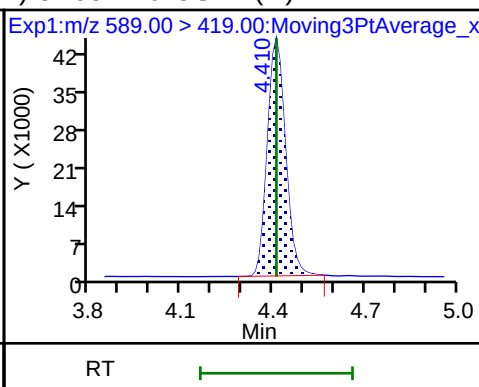
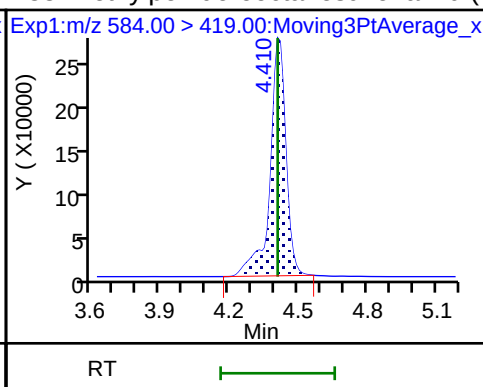
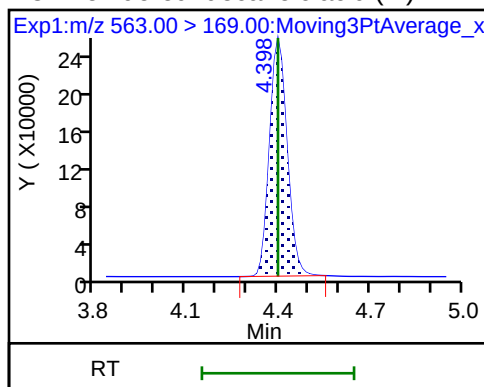
31 Perfluoroundecanoic acid (M)



31 Perfluoroundecanoic acid (M)

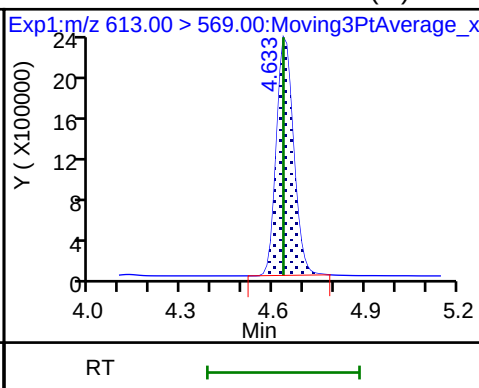
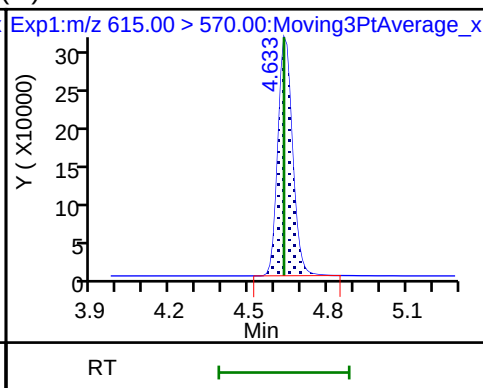
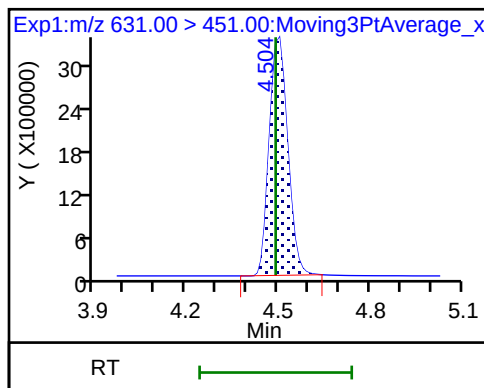
33 N-ethylperfluorooctanesulfonamid (M)

32 d5-NEtFOSAA (M)



66 11-Chloroeicosafluoro-3-oxaundec (M) 36 13C2 PFDaA

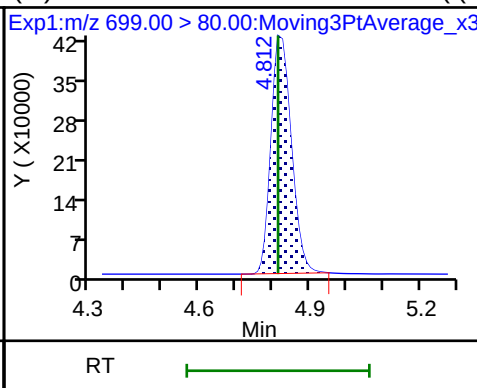
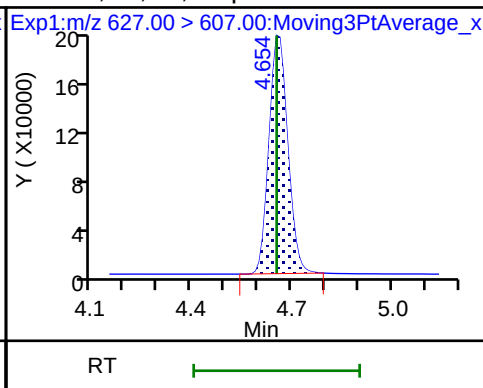
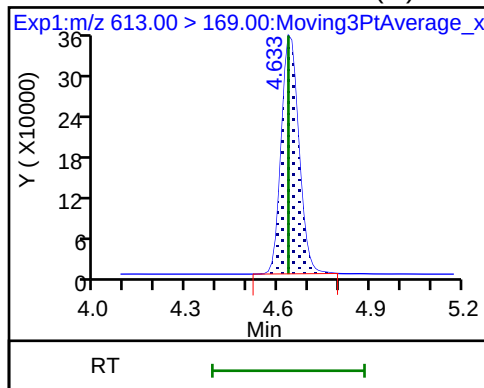
37 Perfluorododecanoic acid (M)



37 Perfluorododecanoic acid (M)

74 1H,1H,2H,2H-perfluorododecanesul (M)

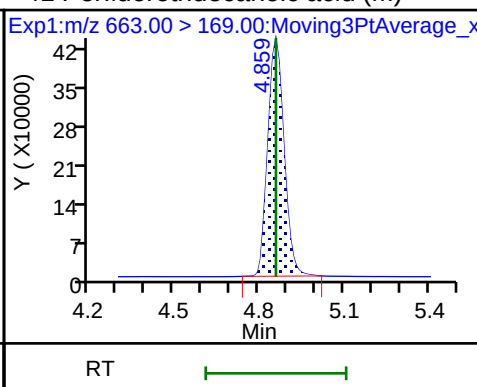
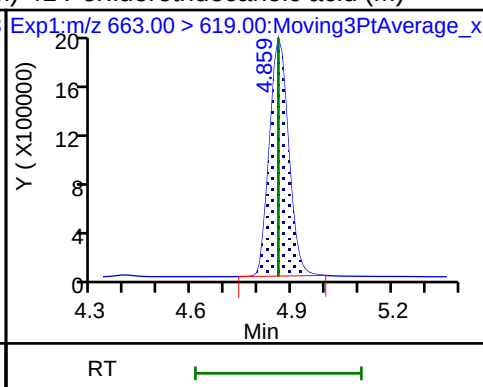
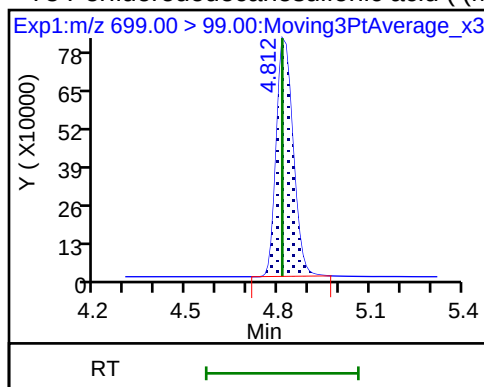
75 Perfluorododecanesulfonic acid (M)



75 Perfluorododecanesulfonic acid (M)

41 Perfluorotridecanoic acid (M)

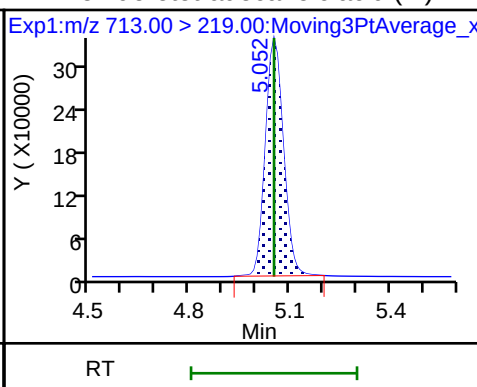
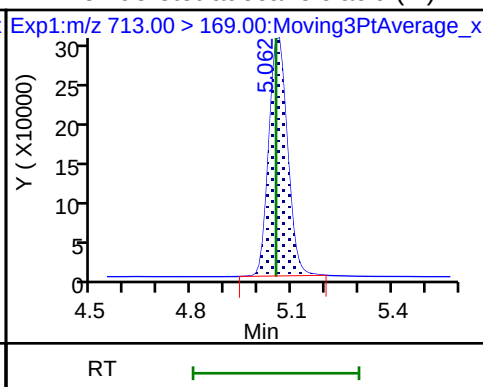
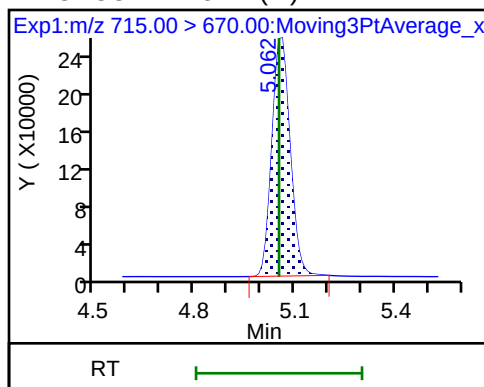
41 Perfluorotridecanoic acid (M)



D 43 13C2 PFTeDA (M)

42 Perfluorotetradecanoic acid (M)

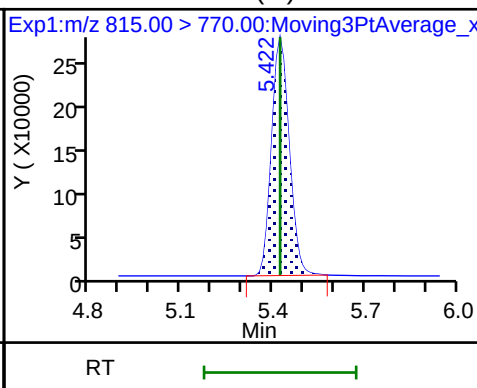
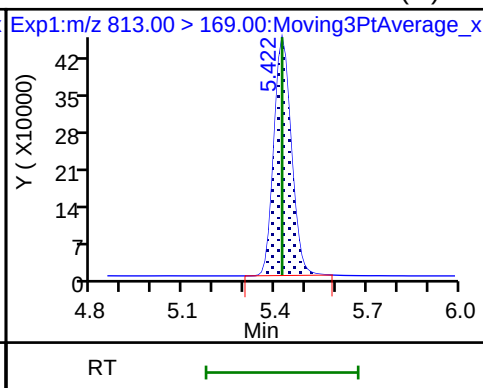
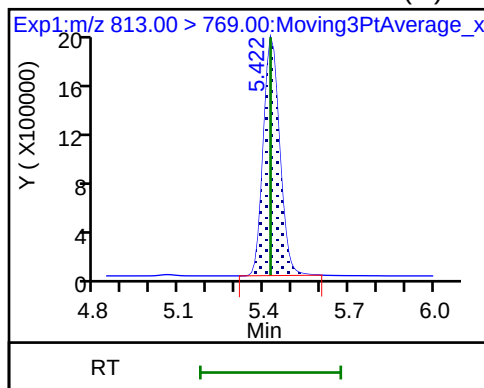
42 Perfluorotetradecanoic acid (M)



45 Perfluorohexadecanoic acid (M)

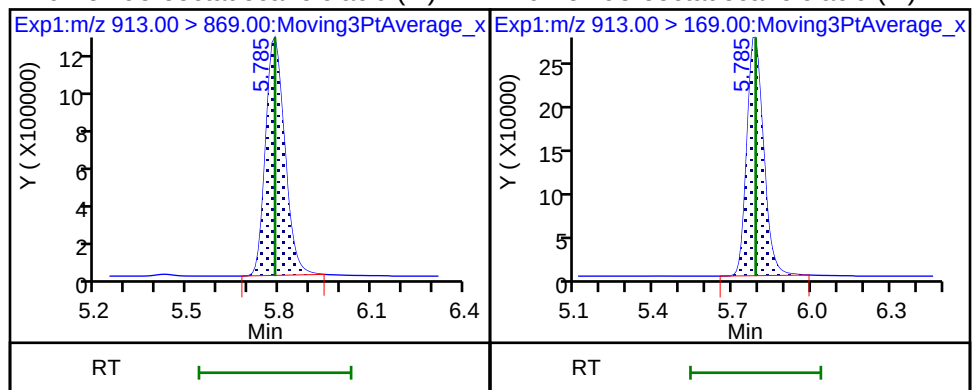
45 Perfluorohexadecanoic acid (M)

D 44 13C2 PFHxDA (M)



46 Perfluorooctadecanoic acid (M)

46 Perfluorooctadecanoic acid (M)



Eurofins Burlington

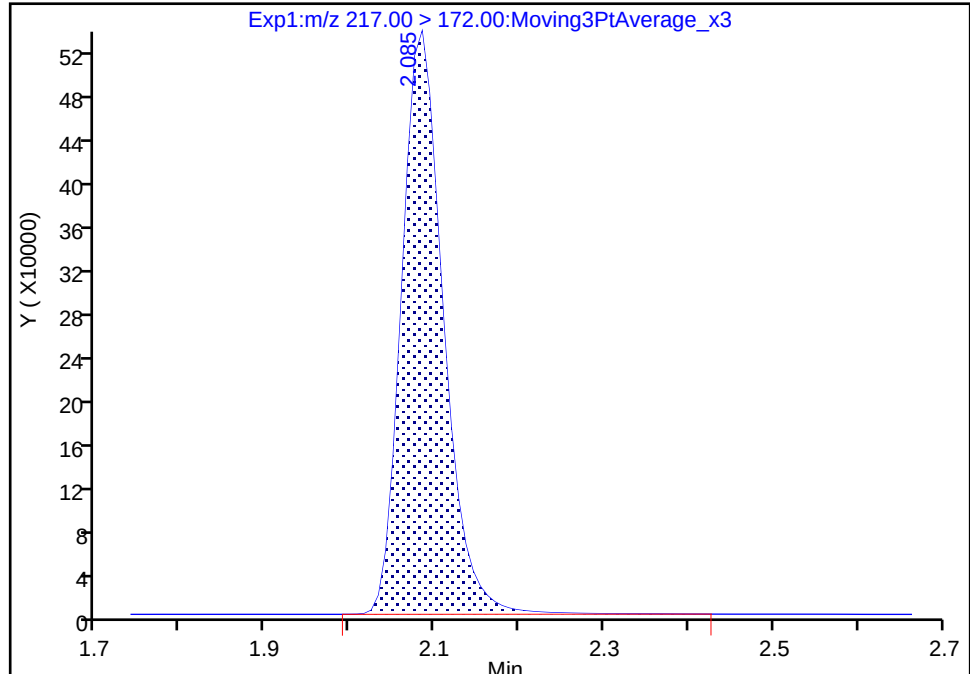
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Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 1 13C4 PFBA, CAS: STL00992

Signal: 1

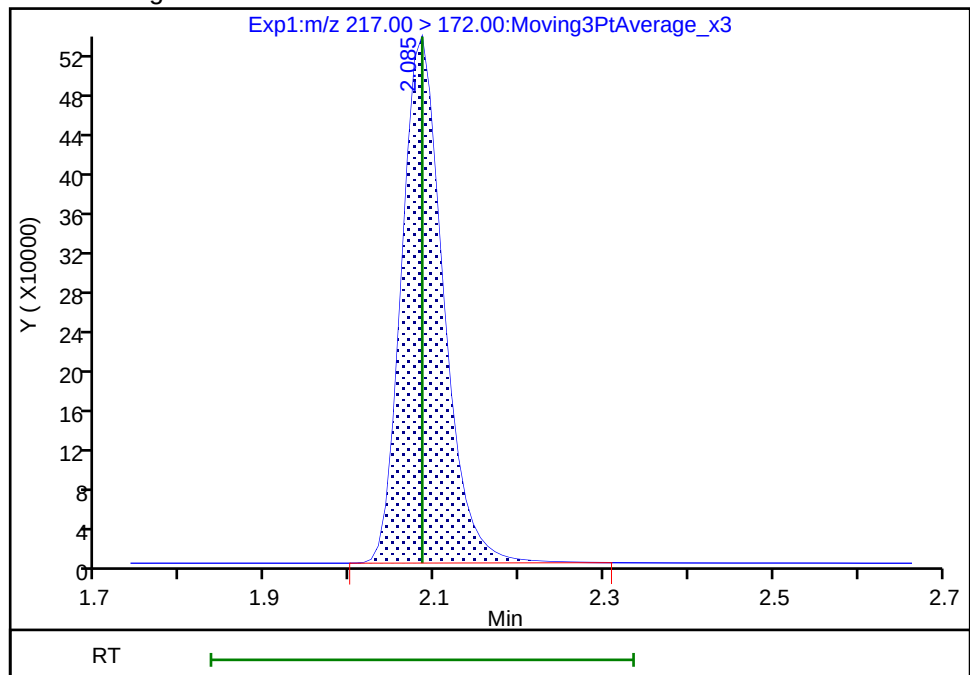
RT: 2.08
Area: 1811009
Amount: 1.259570
Amount Units: ng/ml

Processing Integration Results



RT: 2.08
Area: 1806199
Amount: 1.266407
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:01:51

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

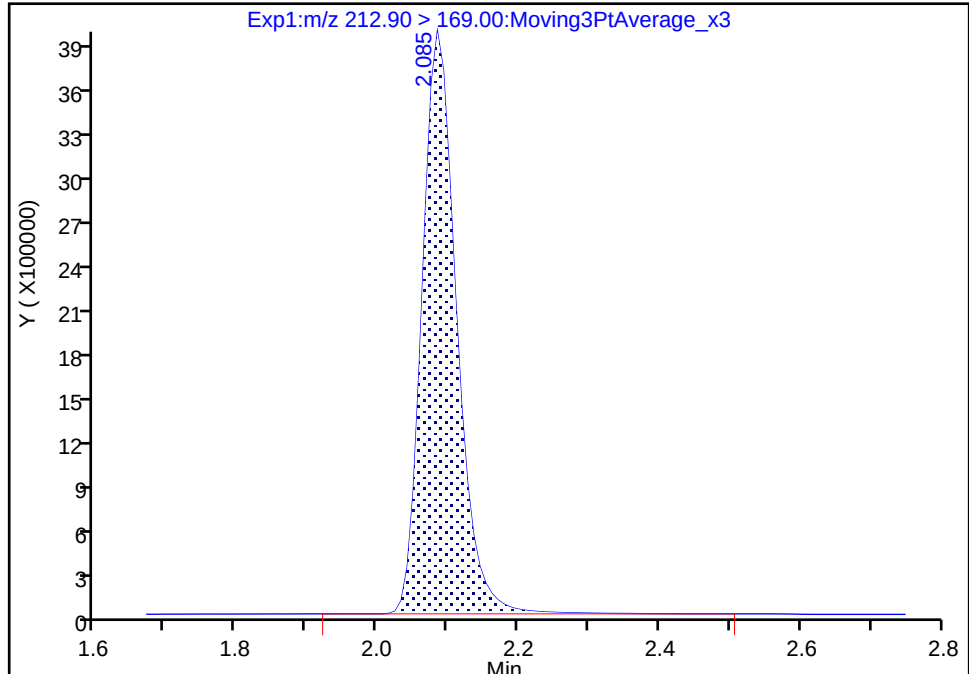
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

2 Perfluorobutanoic acid, CAS: 375-22-4

Signal: 1

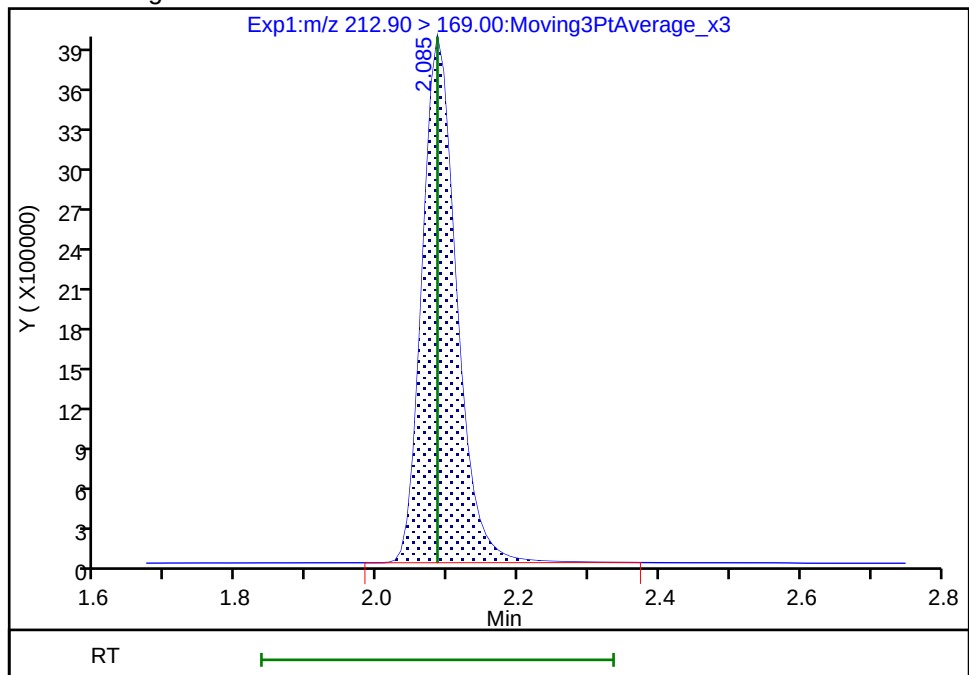
RT: 2.08
Area: 13207925
Amount: 9.423643
Amount Units: ng/ml

Processing Integration Results



RT: 2.08
Area: 13183310
Amount: 9.408834
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:01:57
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

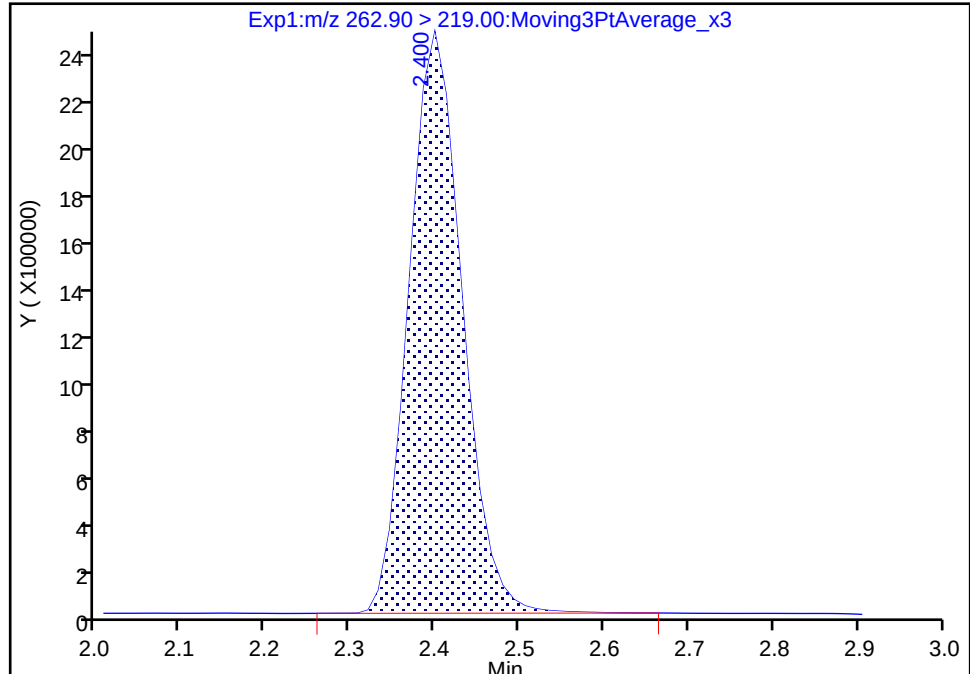
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Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

4 Perfluoropentanoic acid, CAS: 2706-90-3

Signal: 1

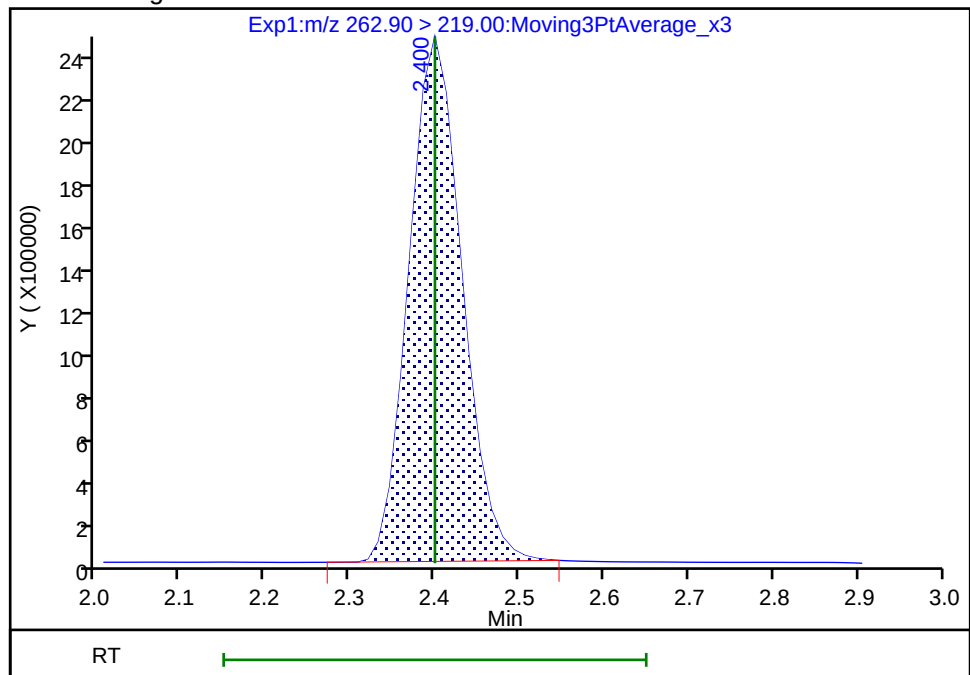
RT: 2.40
Area: 10854749
Amount: 9.688095
Amount Units: ng/ml

Processing Integration Results



RT: 2.40
Area: 10770827
Amount: 9.625209
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:02:07
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

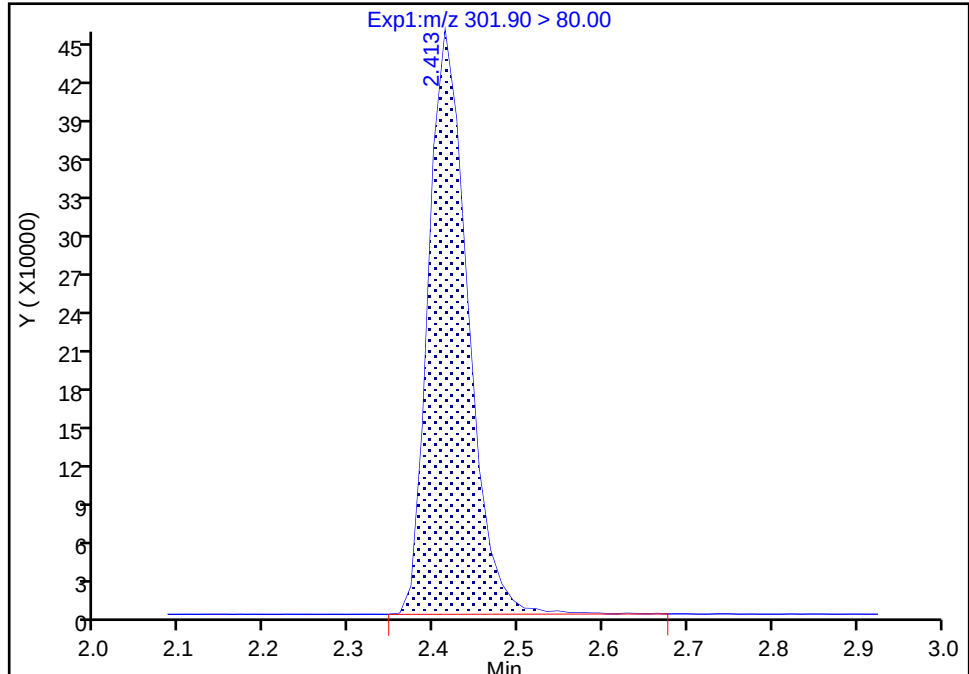
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Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 47 13C3 PFBS, CAS: STL02337

Signal: 1

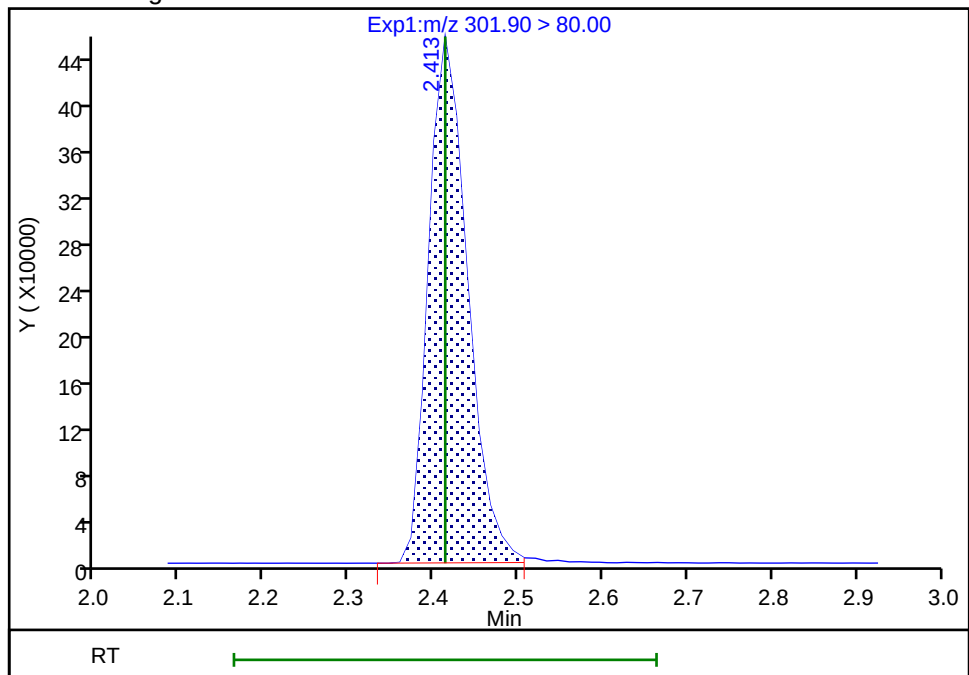
RT: 2.41
Area: 1465857
Amount: 1.144136
Amount Units: ng/ml

Processing Integration Results



RT: 2.41
Area: 1451388
Amount: 1.143418
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:02:20
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

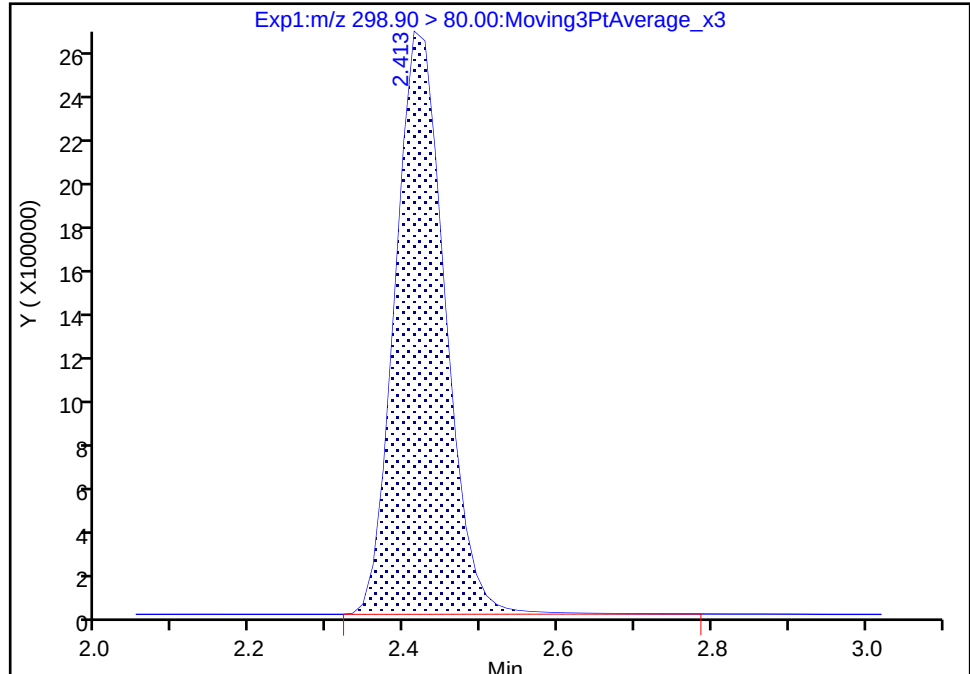
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Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

5 Perfluorobutanesulfonic acid, CAS: 375-73-5

Signal: 1

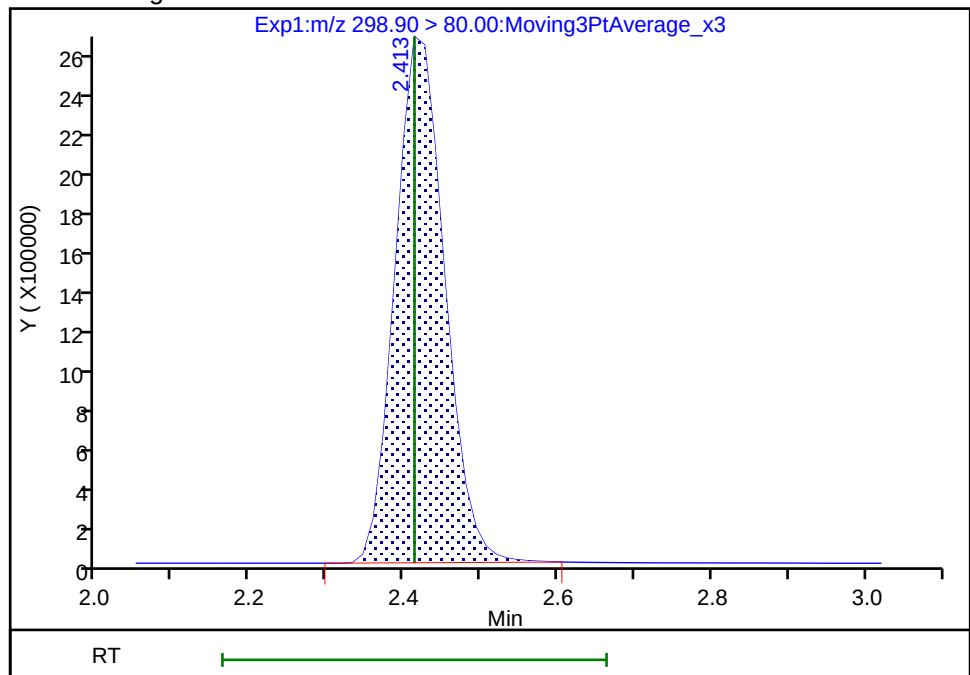
RT: 2.41
Area: 11977456
Amount: 8.683132
Amount Units: ng/ml

Processing Integration Results



RT: 2.41
Area: 11911747
Amount: 8.643258
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:02:26
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

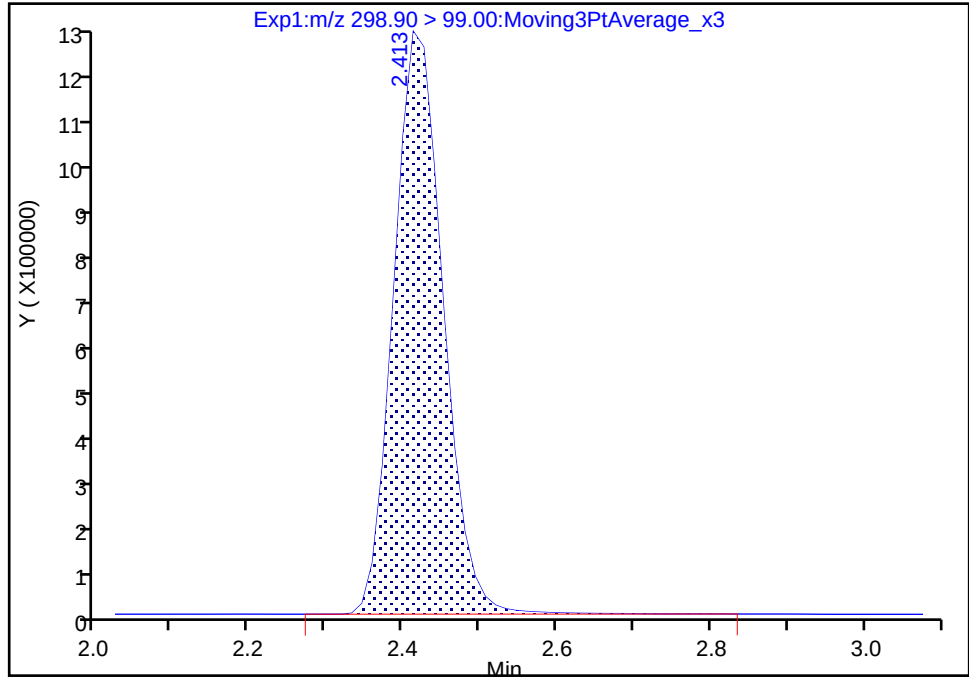
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

5 Perfluorobutanesulfonic acid, CAS: 375-73-5

Signal: 2

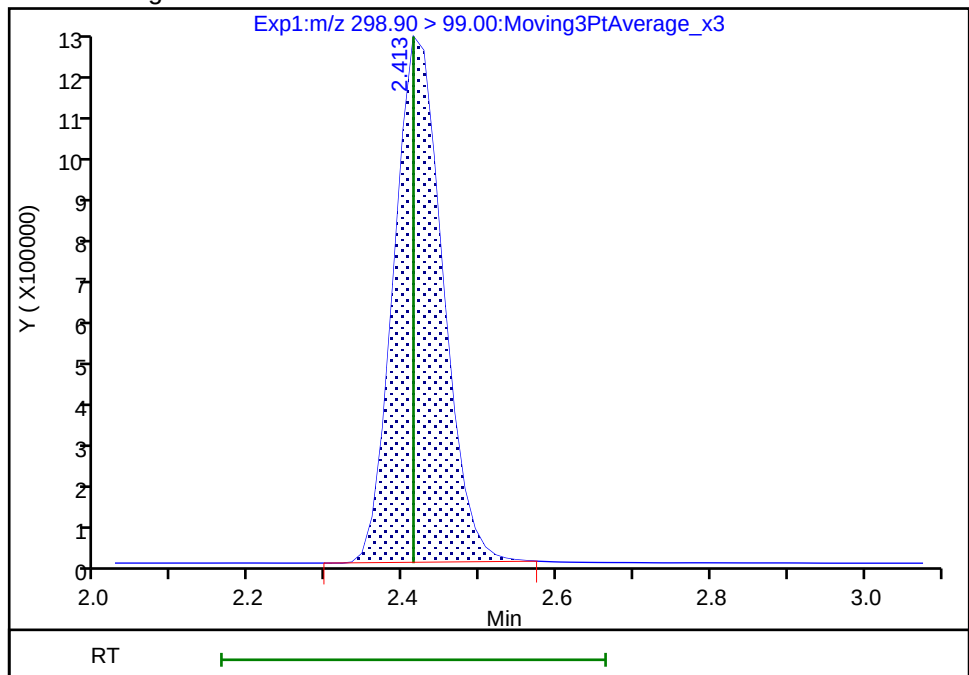
RT: 2.41
Area: 5728246
Amount: 8.683132
Amount Units: ng/ml

Processing Integration Results



RT: 2.41
Area: 5675052
Amount: 8.643258
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:02:31

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

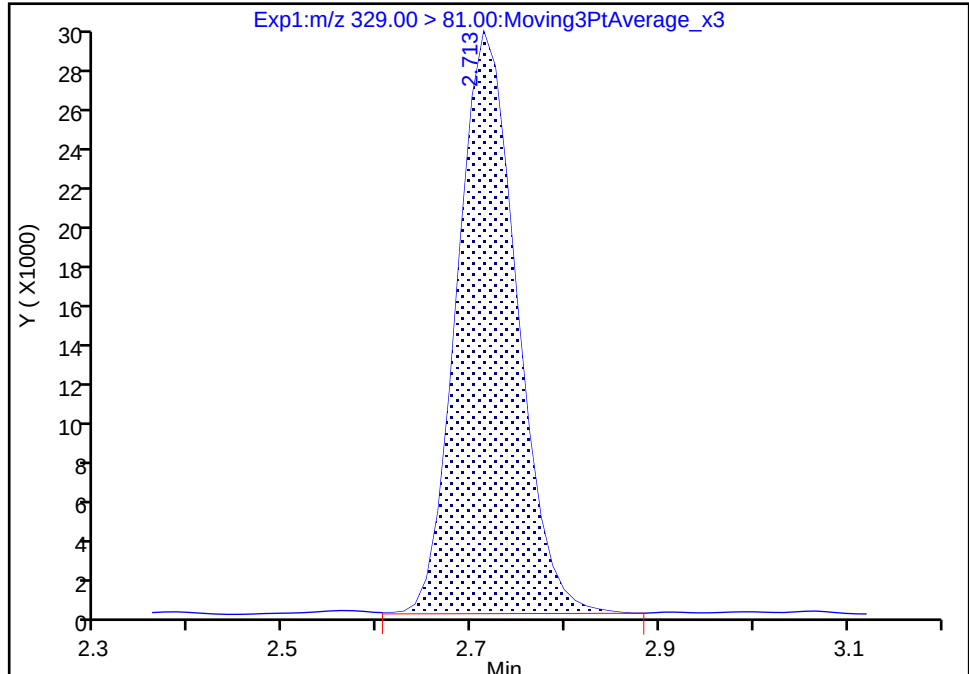
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 60 M2-4:2 FTS, CAS: STL02395

Signal: 1

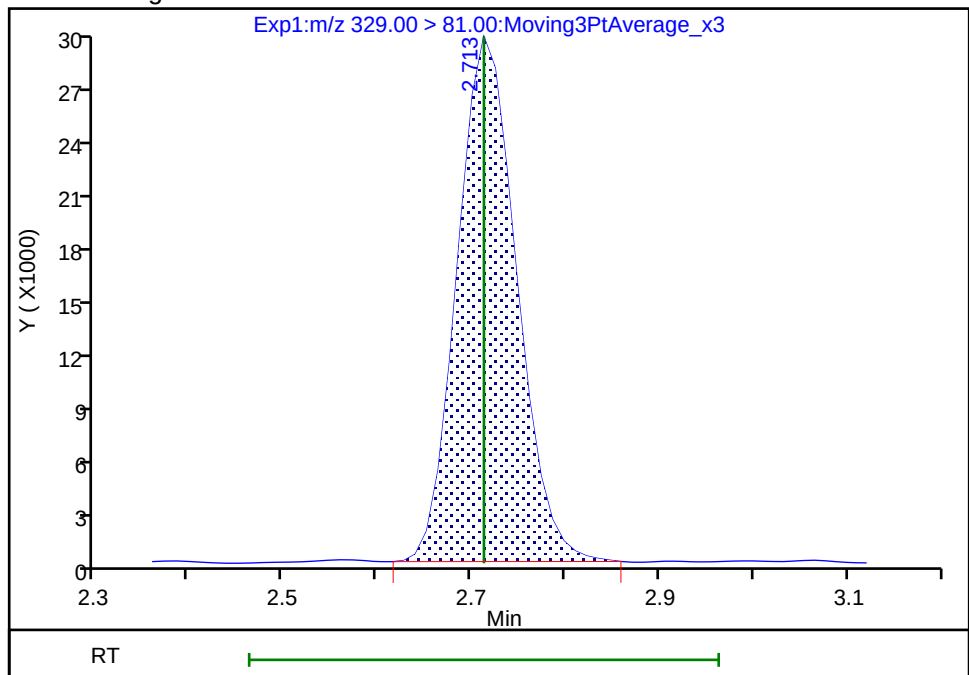
RT: 2.71
Area: 129518
Amount: 1.174911
Amount Units: ng/ml

Processing Integration Results



RT: 2.71
Area: 128662
Amount: 1.177395
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:02:38
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

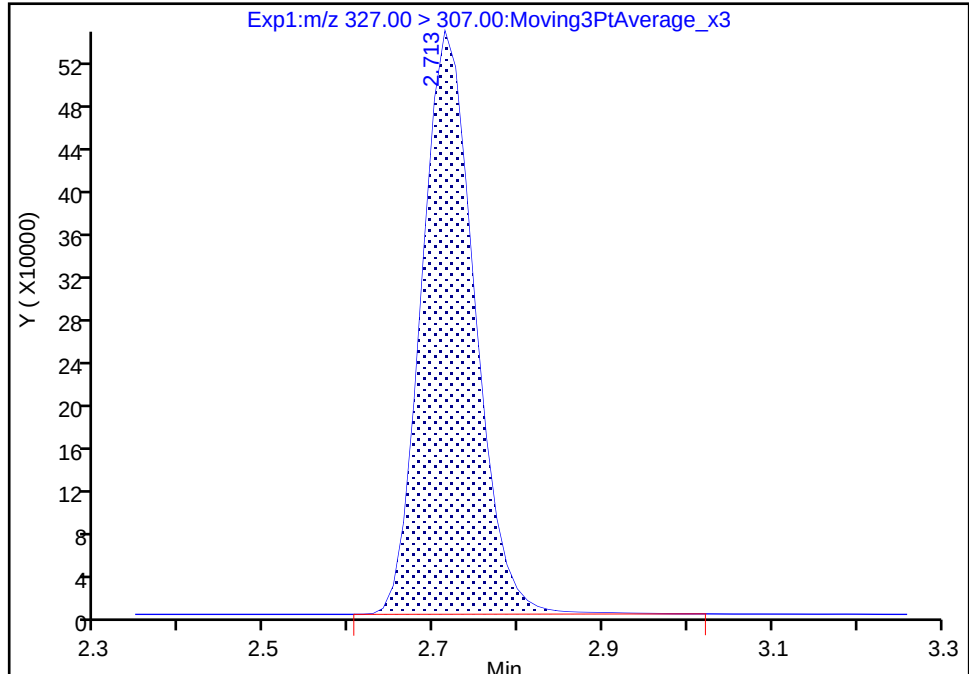
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

61 1H,1H,2H,2H-perfluorohexanesulfo, CAS: 757124-72-4

Signal: 1

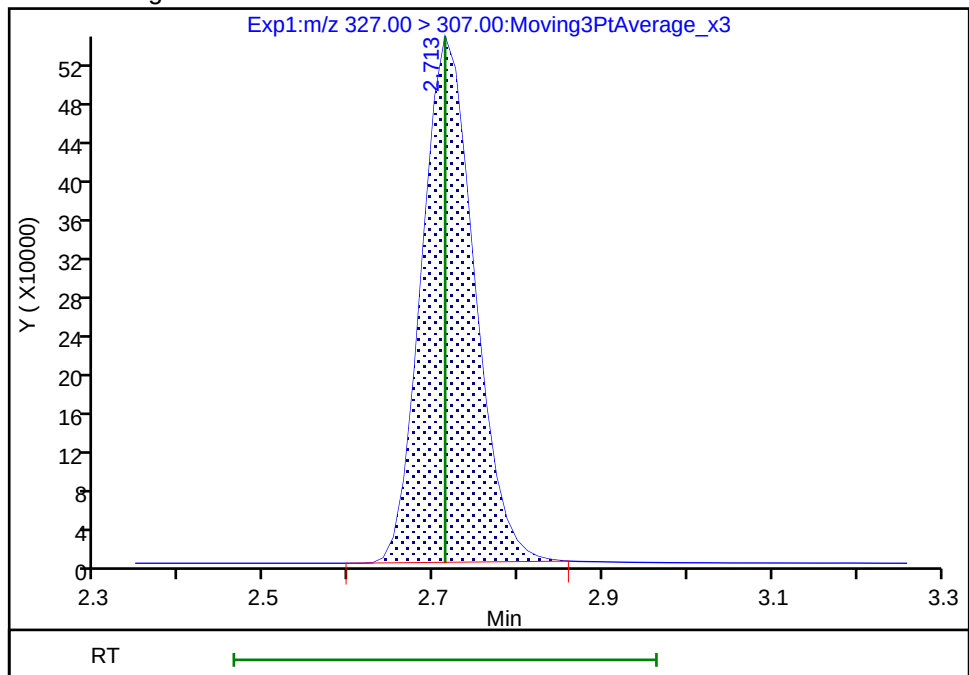
RT: 2.71
Area: 2385526
Amount: 9.093837
Amount Units: ng/ml

Processing Integration Results



RT: 2.71
Area: 2363764
Amount: 9.024238
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:02:42
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

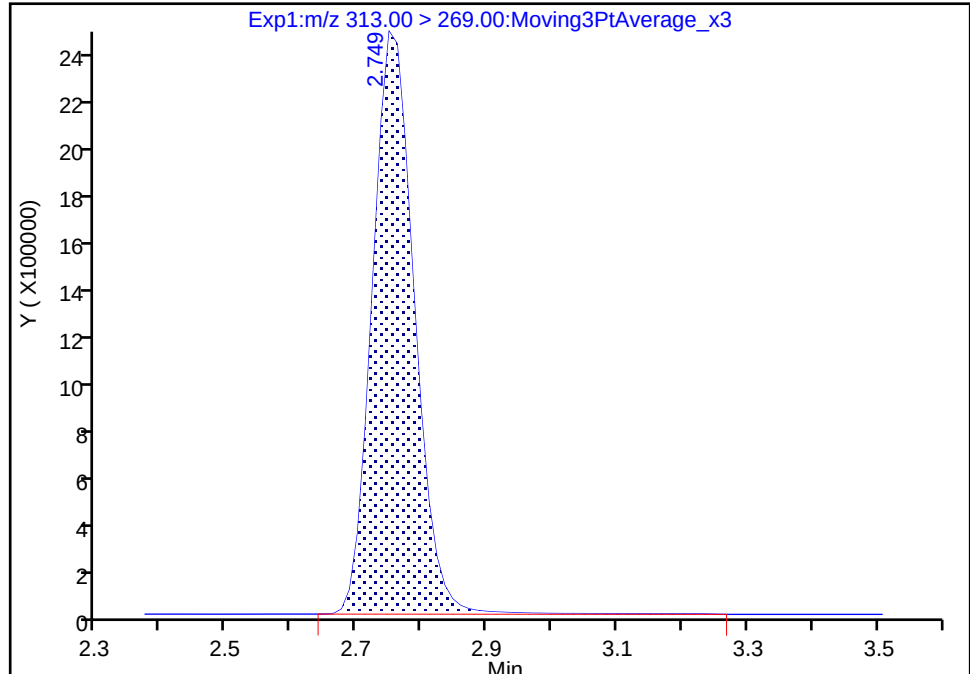
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

6 Perfluorohexanoic acid, CAS: 307-24-4

Signal: 1

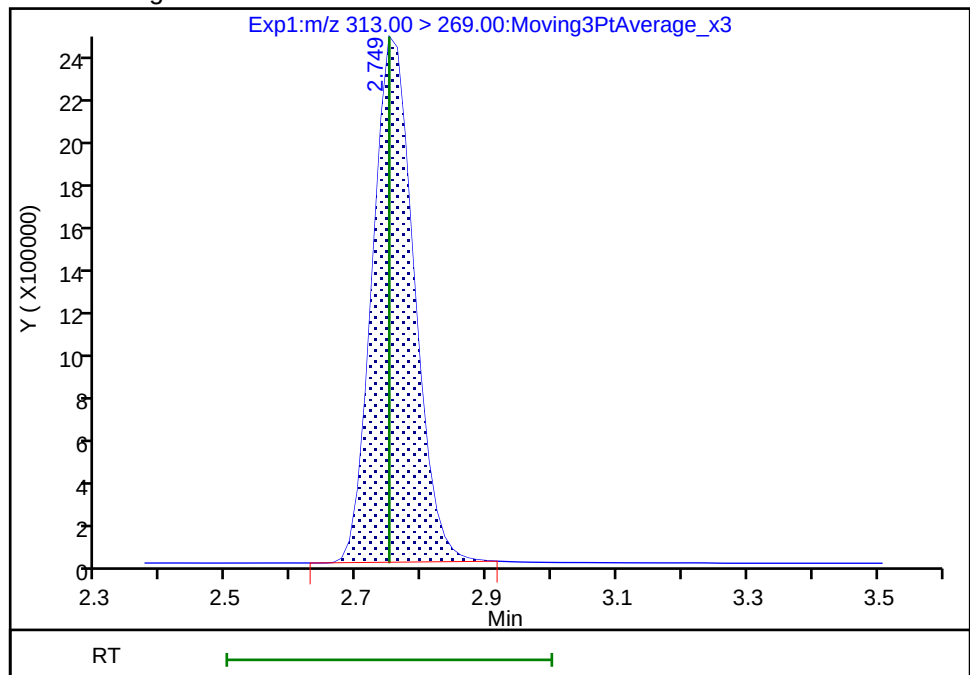
RT: 2.75
Area: 11116573
Amount: 9.762323
Amount Units: ng/ml

Processing Integration Results



RT: 2.75
Area: 10982567
Amount: 9.663596
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:02:47
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

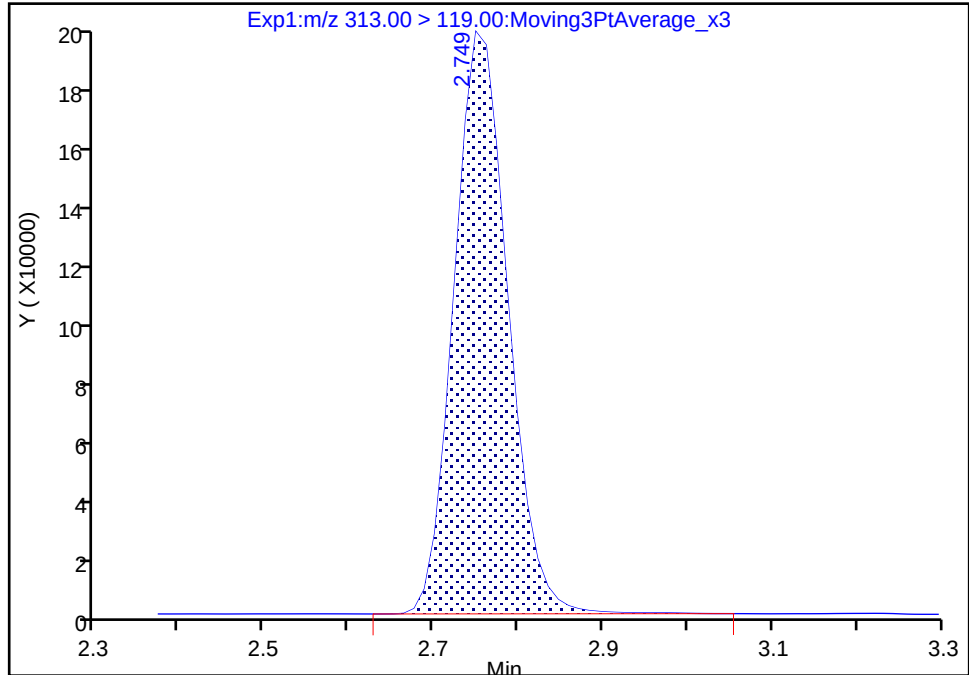
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

6 Perfluorohexanoic acid, CAS: 307-24-4

Signal: 2

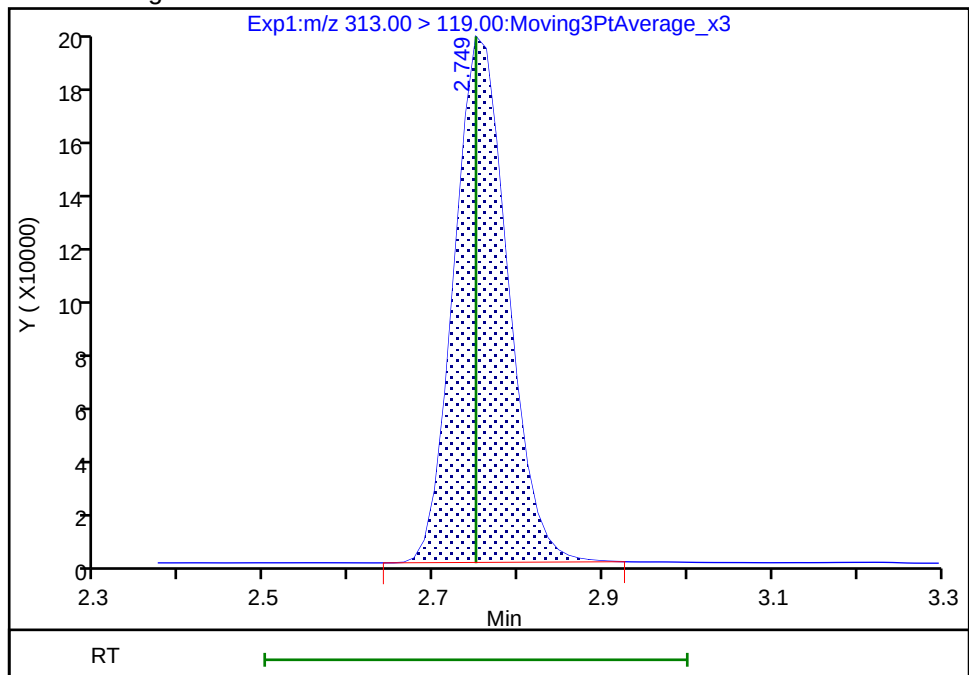
RT: 2.75
Area: 869014
Amount: 9.762323
Amount Units: ng/ml

Processing Integration Results



RT: 2.75
Area: 864666
Amount: 9.663596
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:02:51

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

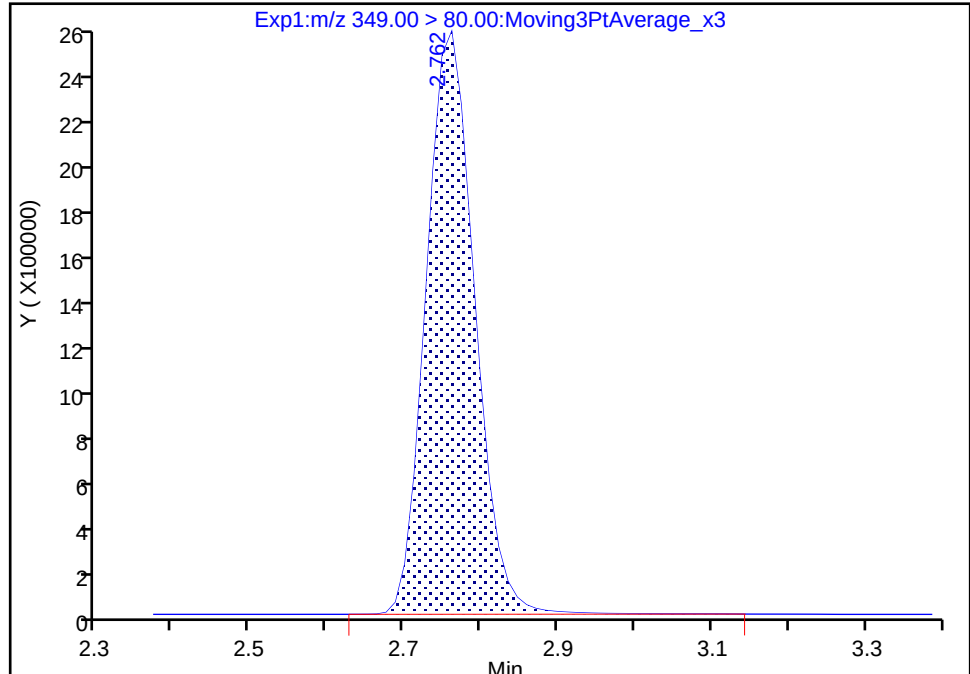
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

70 Perfluoropentanesulfonic acid, CAS: 2706-91-4

Signal: 1

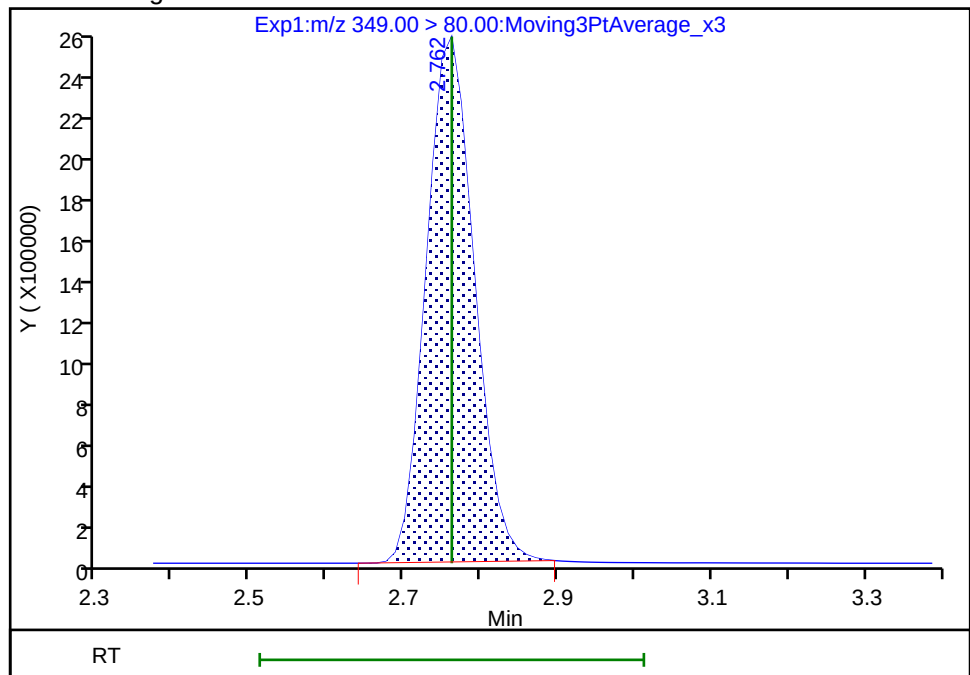
RT: 2.76
Area: 11147059
Amount: 9.213453
Amount Units: ng/ml

Processing Integration Results



RT: 2.76
Area: 11015177
Amount: 9.122115
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:02:57
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

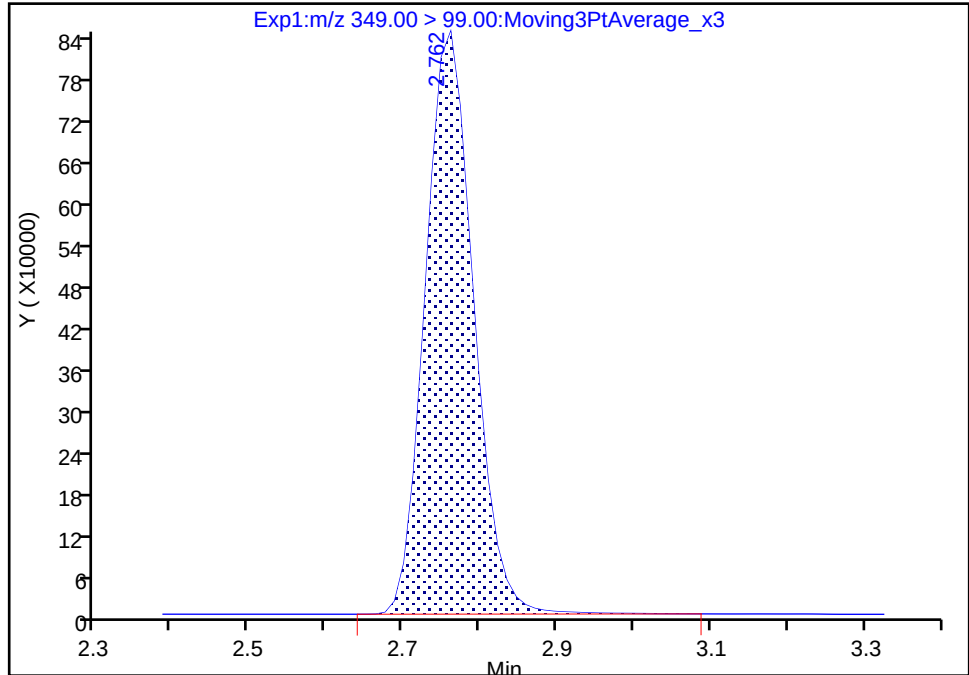
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

70 Perfluoropentanesulfonic acid, CAS: 2706-91-4

Signal: 2

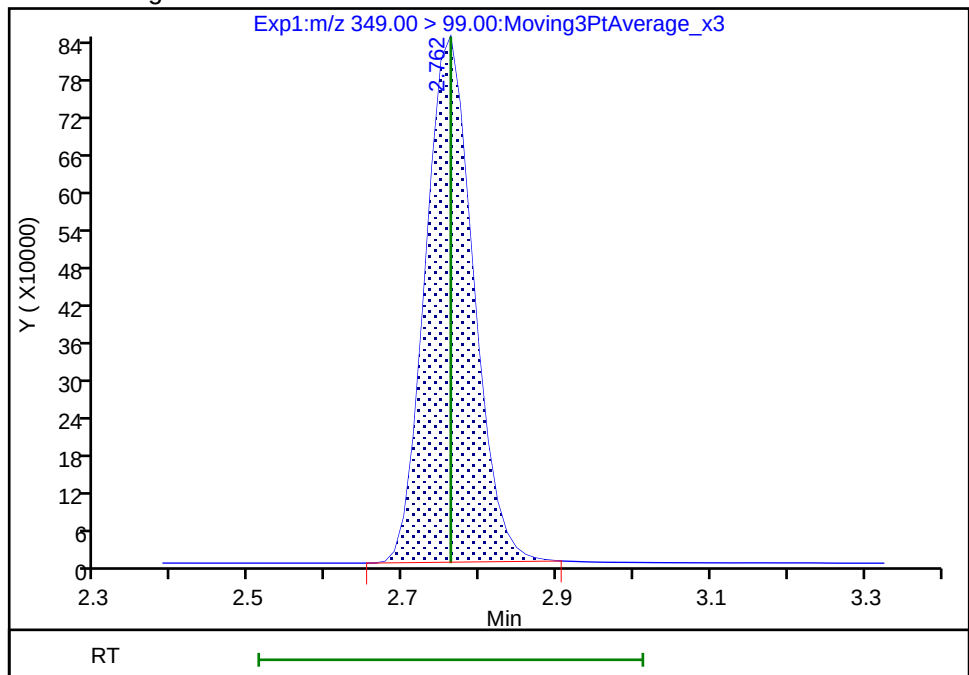
RT: 2.76
Area: 3654378
Amount: 9.213453
Amount Units: ng/ml

Processing Integration Results



RT: 2.76
Area: 3620783
Amount: 9.122115
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:03:01

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

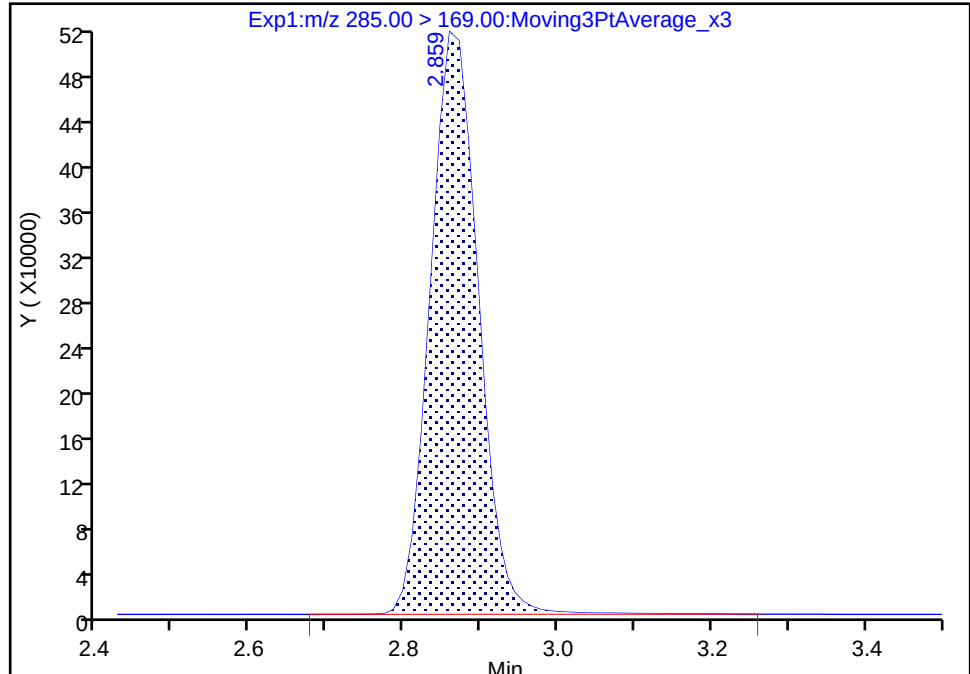
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

67 Perfluoro(2-propoxypropanoic) ac, CAS: 13252-13-6

Signal: 1

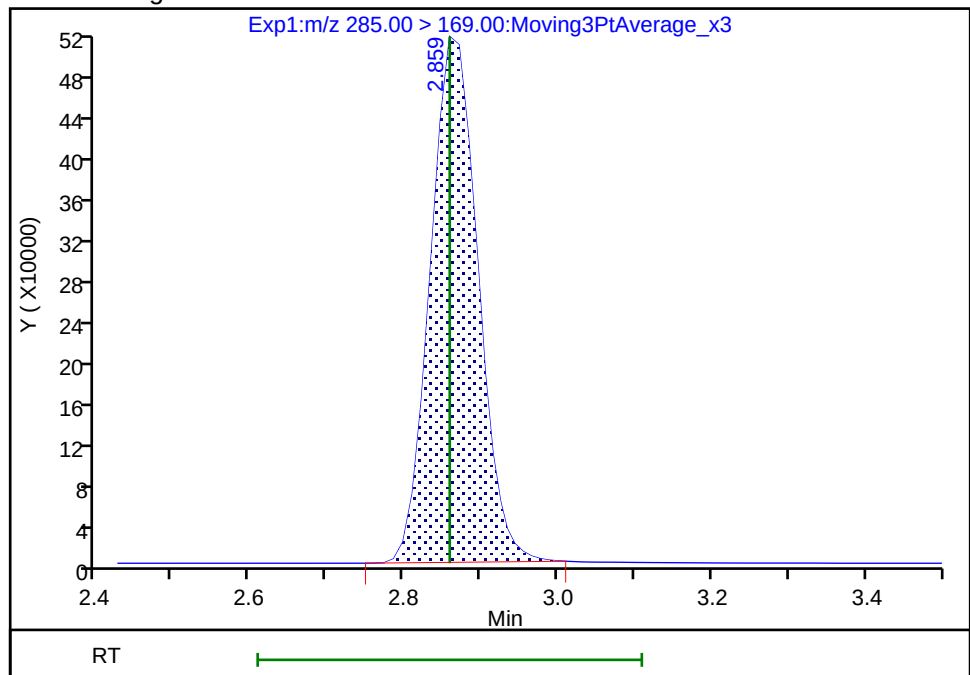
RT: 2.86
Area: 2216336
Amount: 9.476425
Amount Units: ng/ml

Processing Integration Results



RT: 2.86
Area: 2193377
Amount: 9.393627
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:03:07
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

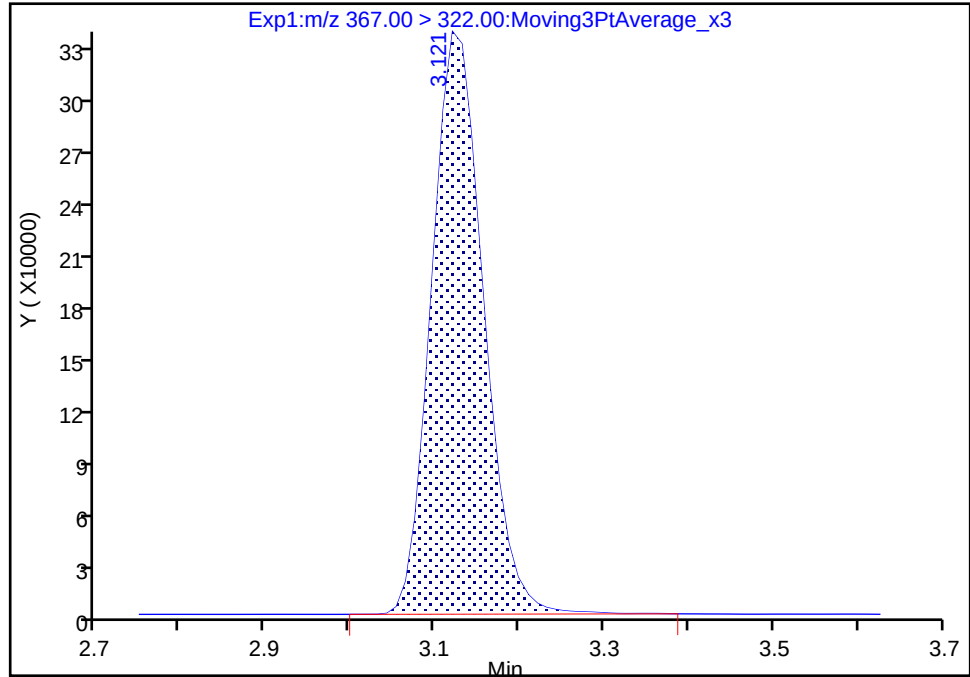
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 9 13C4 PFHpA, CAS: STL01892

Signal: 1

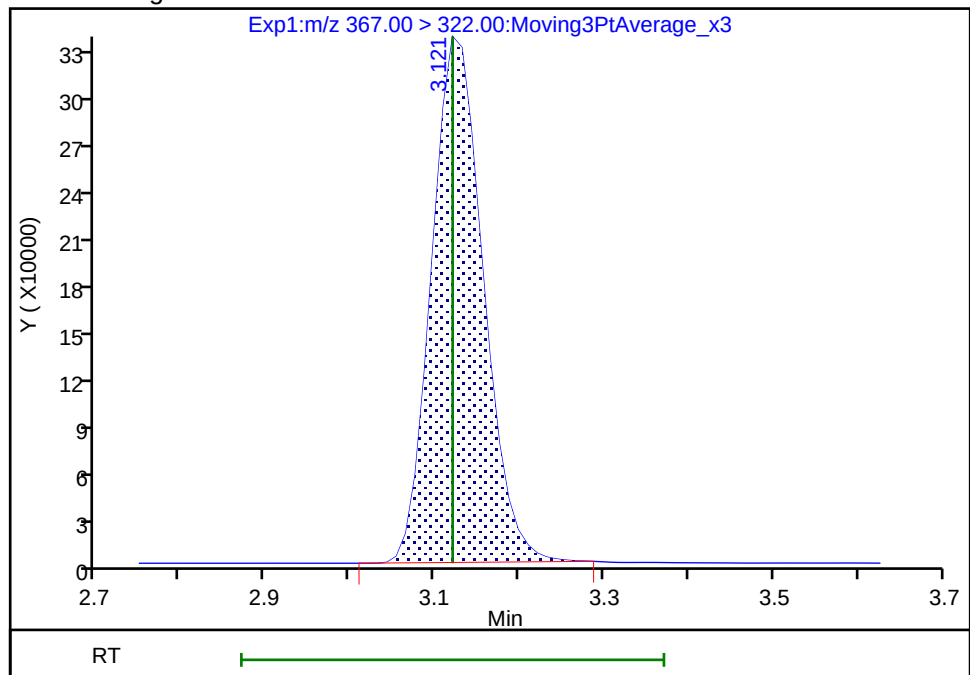
RT: 3.12
Area: 1410679
Amount: 1.230861
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 1400879
Amount: 1.233124
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:03:13
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

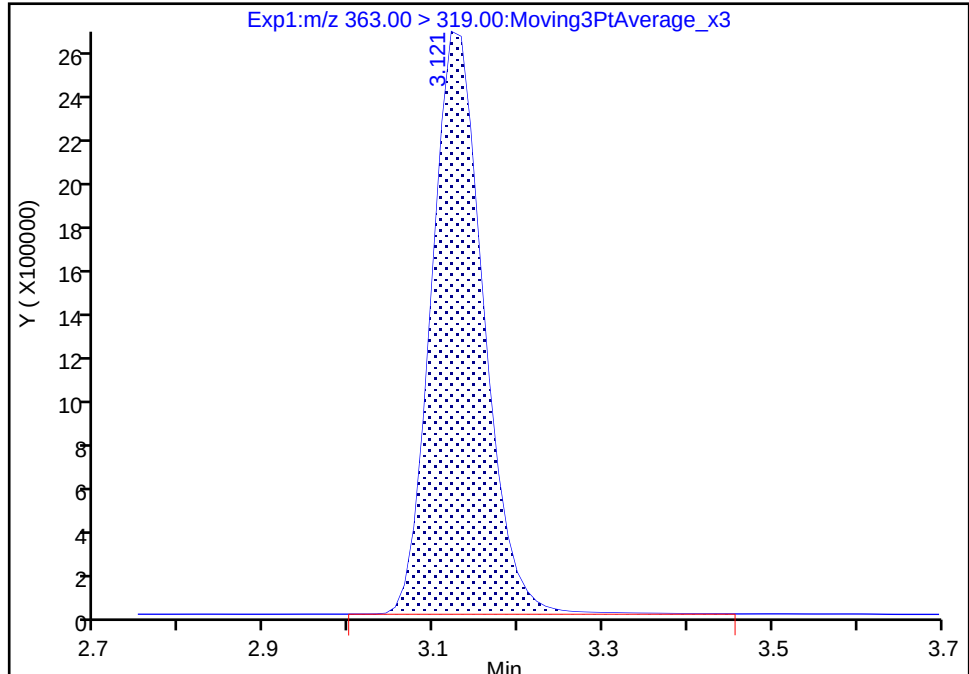
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

10 Perfluoroheptanoic acid, CAS: 375-85-9

Signal: 1

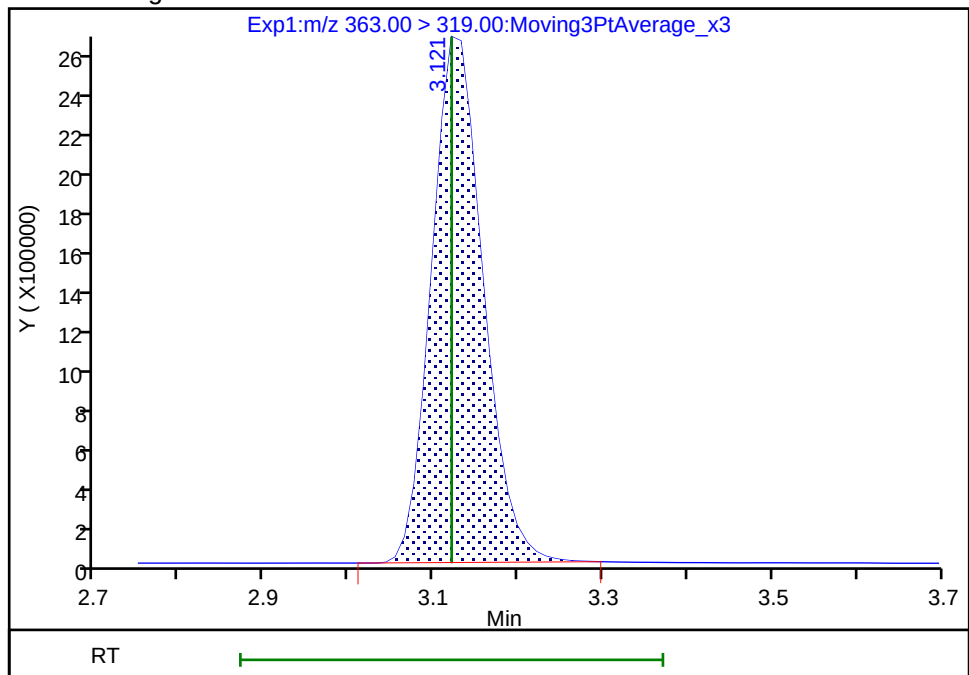
RT: 3.12
Area: 11295171
Amount: 9.765590
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 11197138
Amount: 9.694528
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:03:17
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

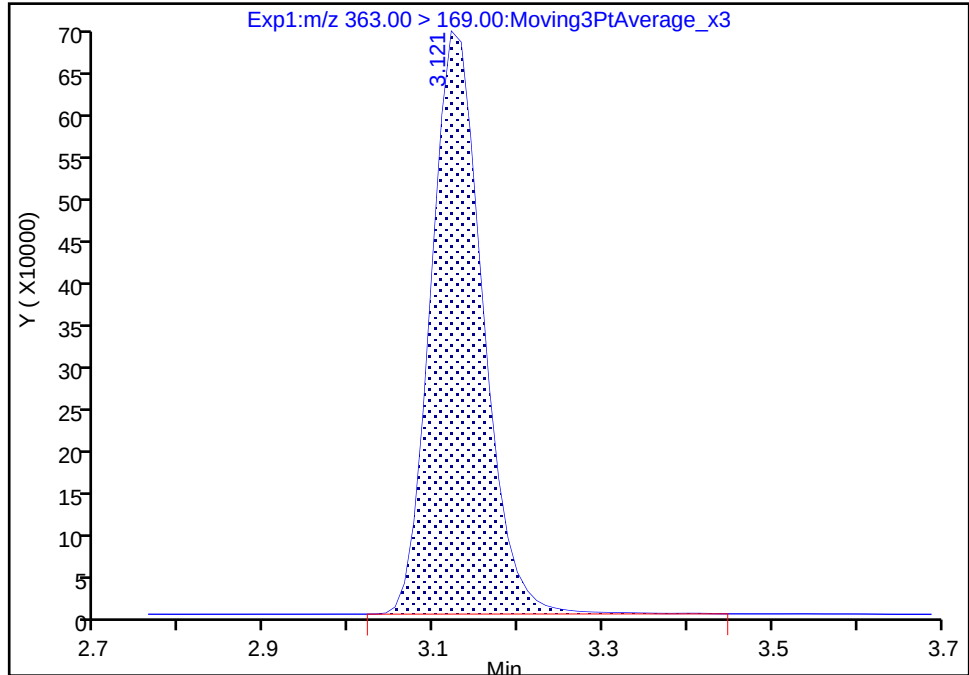
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

10 Perfluoroheptanoic acid, CAS: 375-85-9

Signal: 2

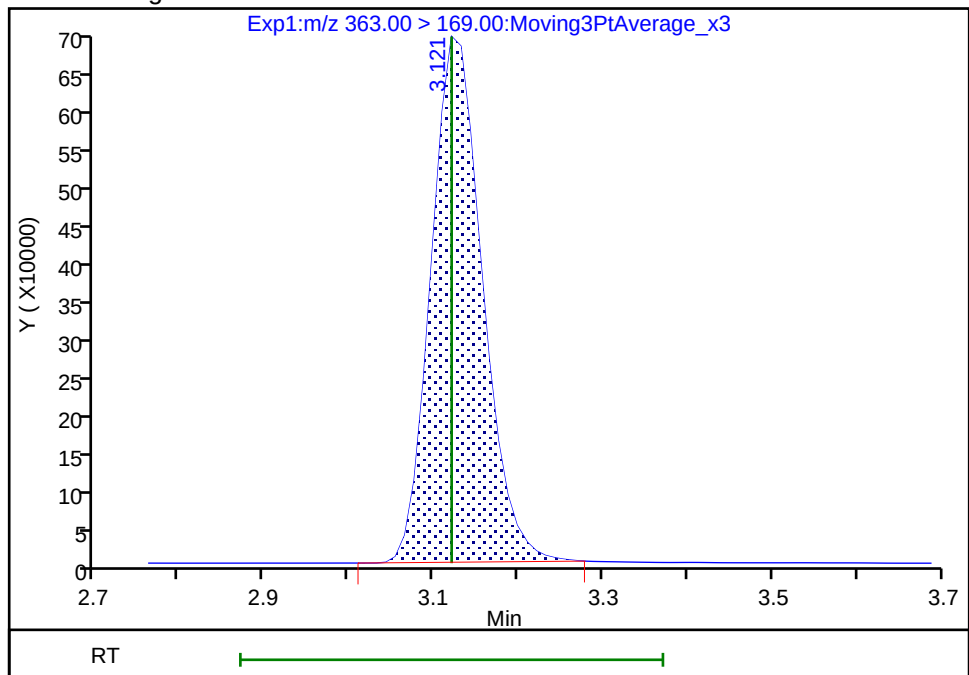
RT: 3.12
Area: 2957121
Amount: 9.765590
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 2929777
Amount: 9.694528
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:03:20

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

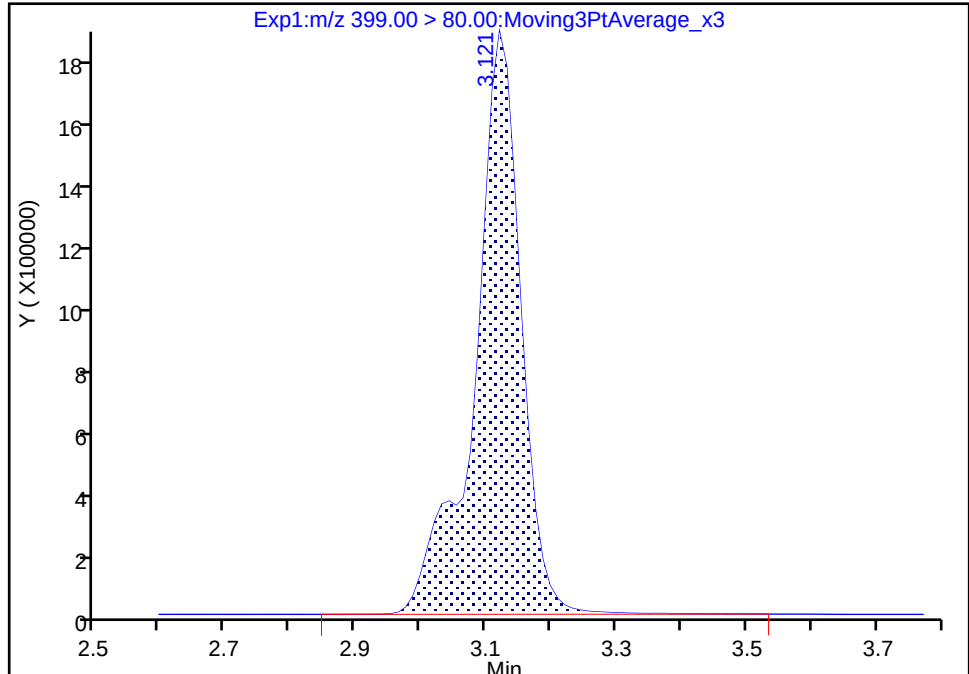
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 1

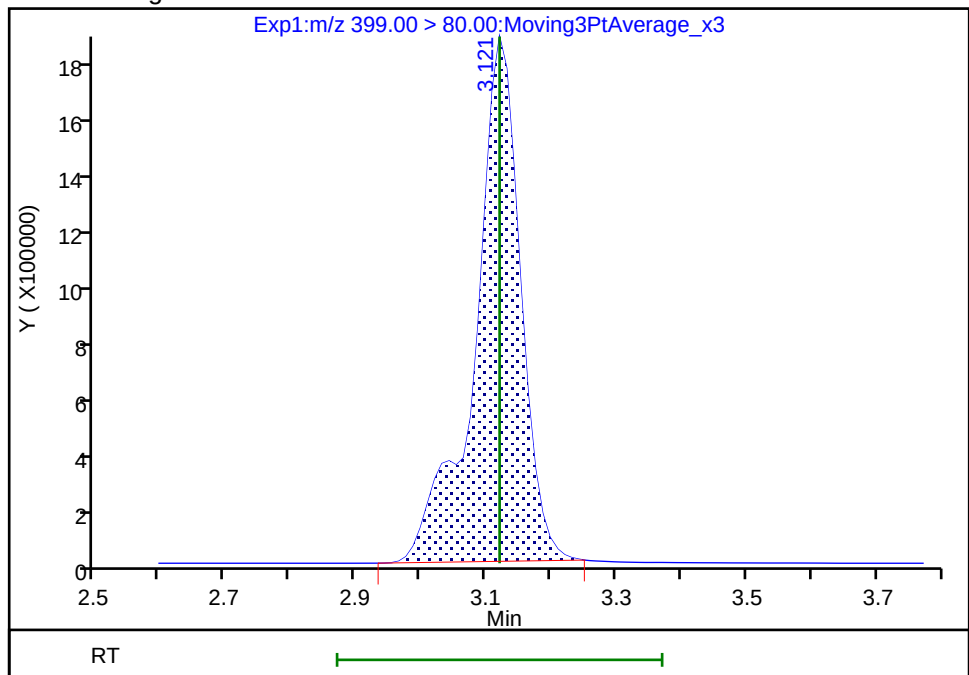
RT: 3.12
Area: 9063143
Amount: 8.800807
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 8919353
Amount: 8.683385
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:03:26
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

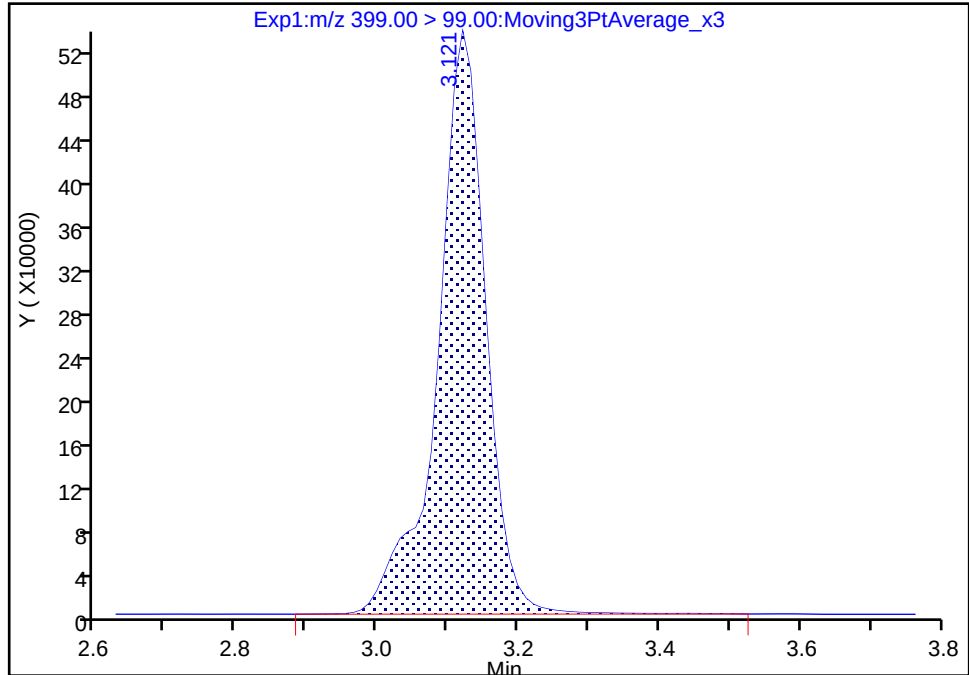
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 2

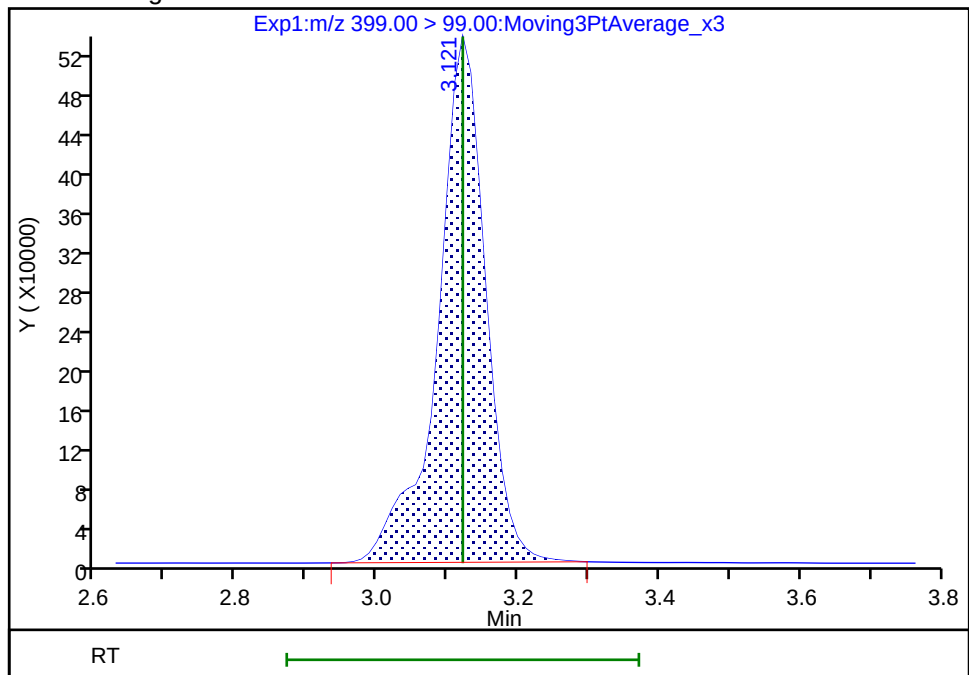
RT: 3.12
Area: 2529296
Amount: 8.800807
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 2507240
Amount: 8.683385
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:03:31

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

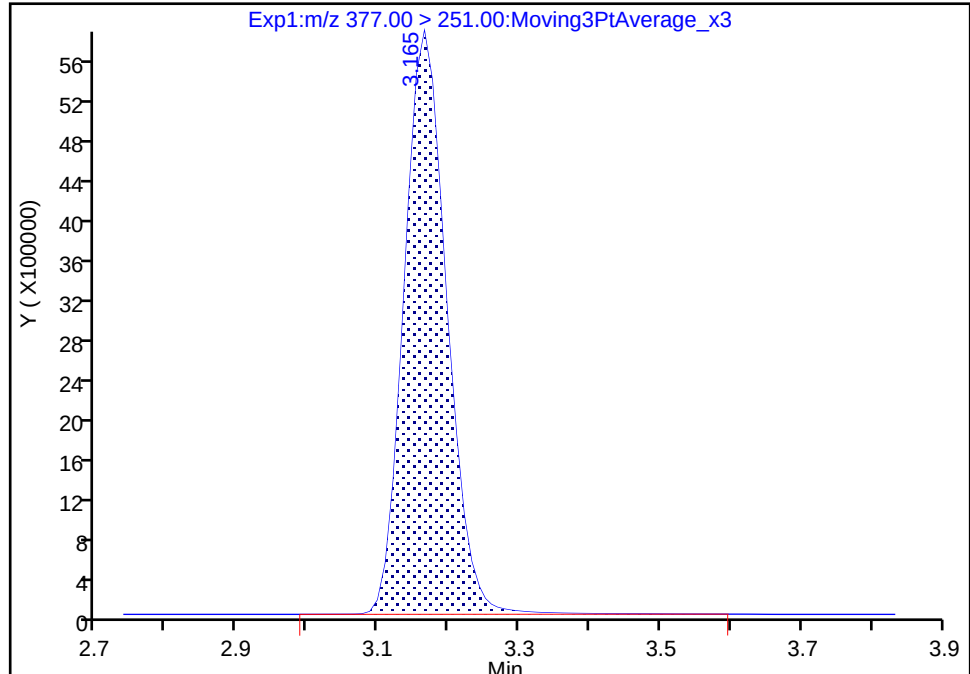
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

77 DONA, CAS: 919005-14-4

Signal: 1

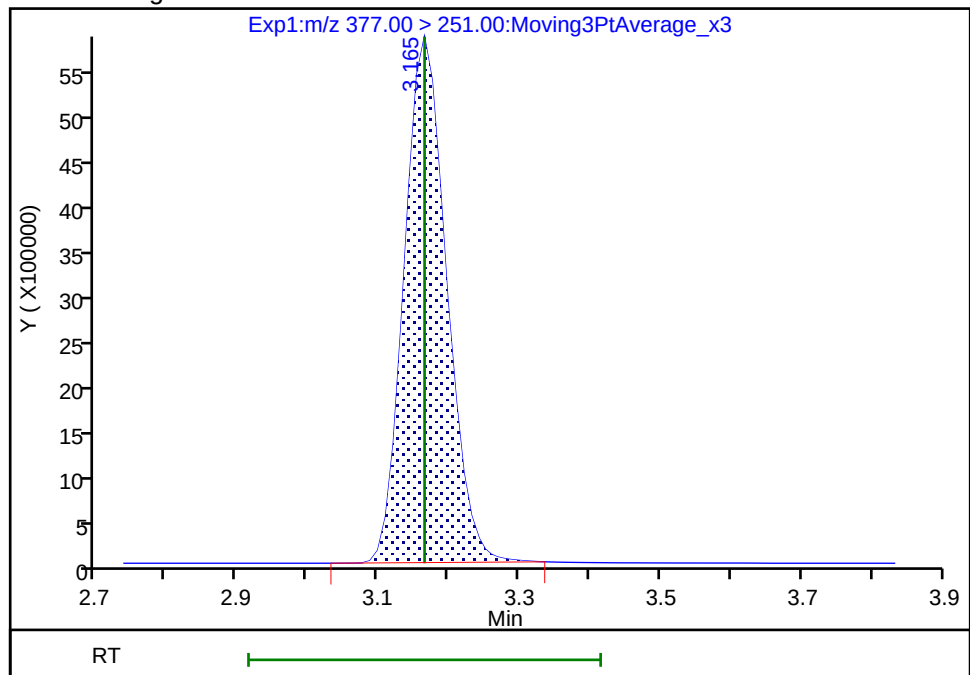
RT: 3.16
Area: 24633067
Amount: 8.662292
Amount Units: ng/ml

Processing Integration Results



RT: 3.16
Area: 24439985
Amount: 8.636428
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:03:41
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

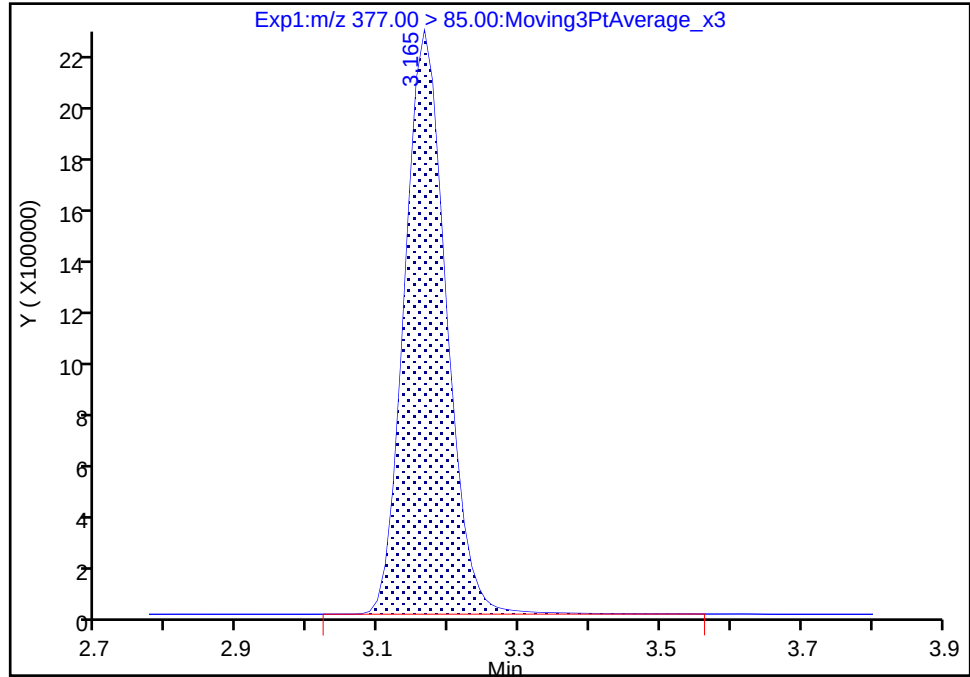
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

77 DONA, CAS: 919005-14-4

Signal: 2

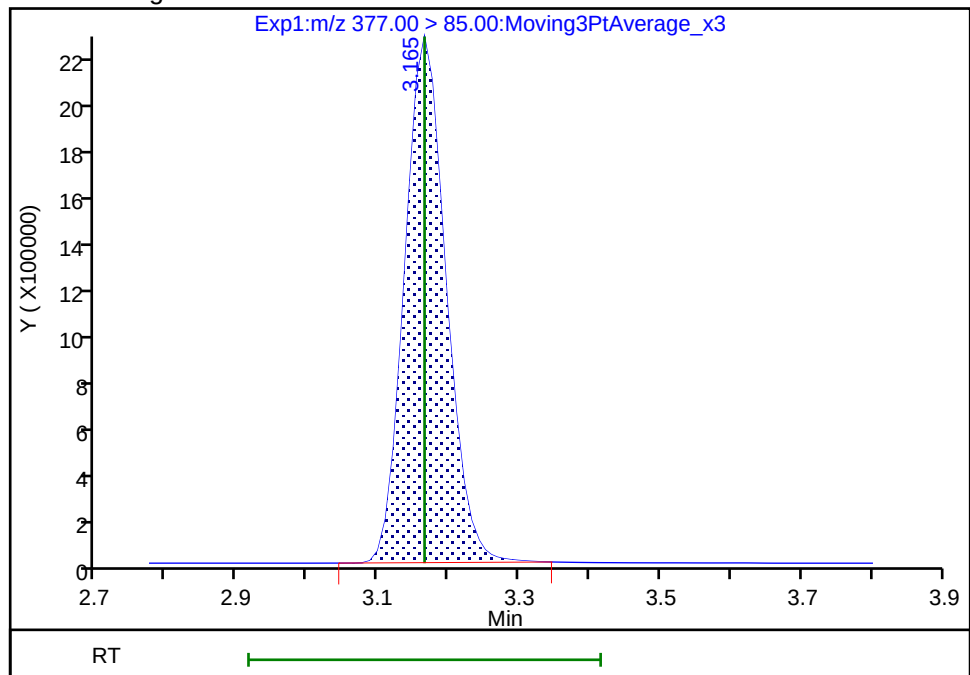
RT: 3.16
Area: 9349256
Amount: 8.662292
Amount Units: ng/ml

Processing Integration Results



RT: 3.16
Area: 9289763
Amount: 8.636428
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:03:44

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

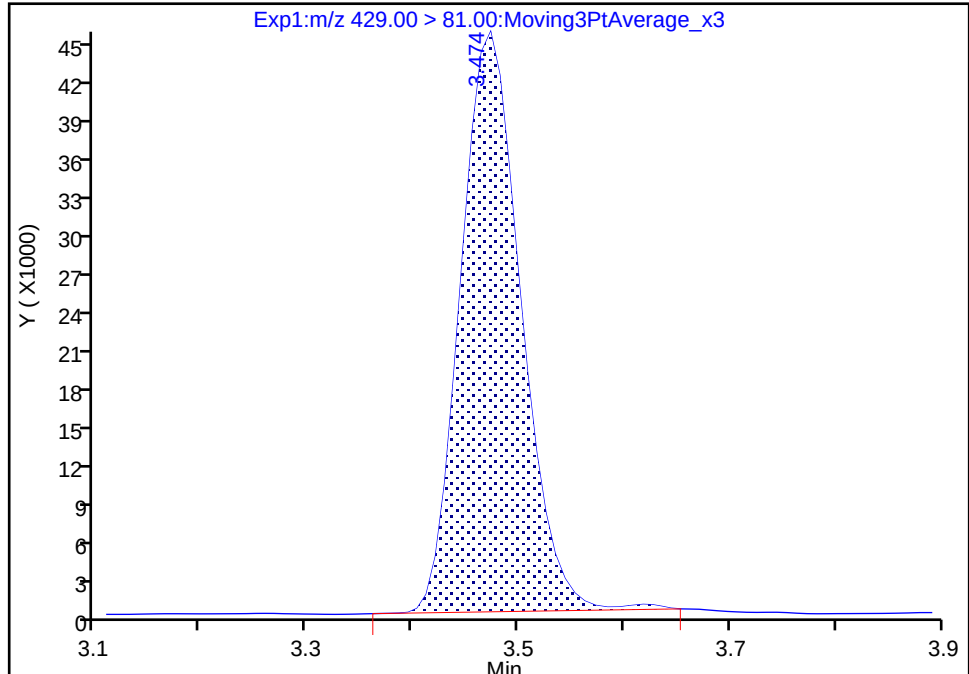
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 12 M2-6:2 FTS, CAS: STL02279

Signal: 1

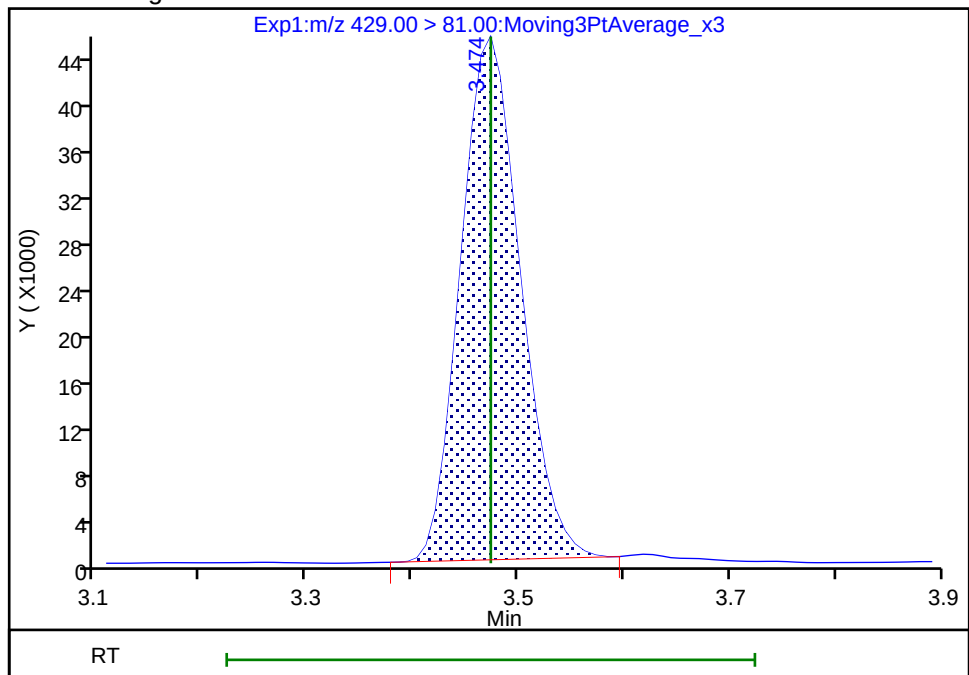
RT: 3.47
Area: 179475
Amount: 1.189435
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 177168
Amount: 1.185705
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:03:51
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

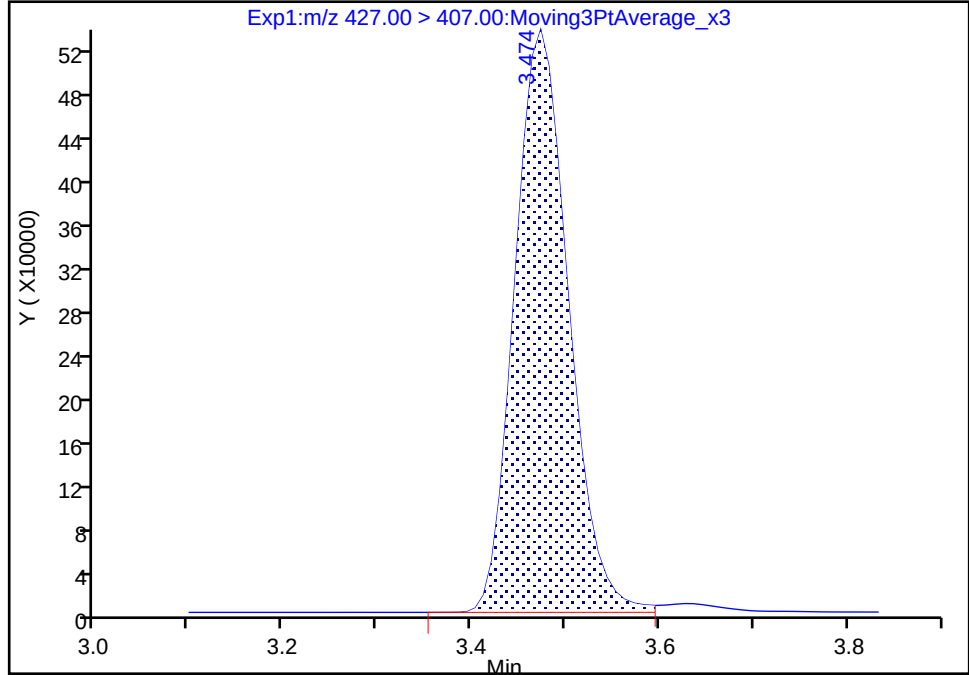
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

13 1H,1H,2H,2H-perfluorooctanesulfo, CAS: 27619-97-2

Signal: 1

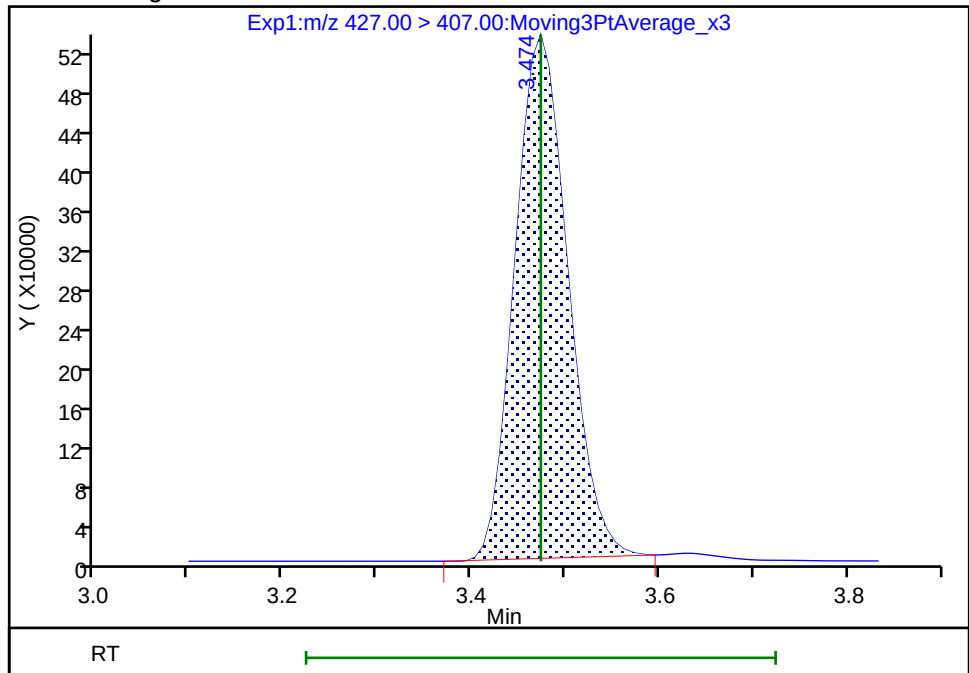
RT: 3.47
Area: 2111693
Amount: 9.551966
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 2069626
Amount: 9.502882
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:03:56
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

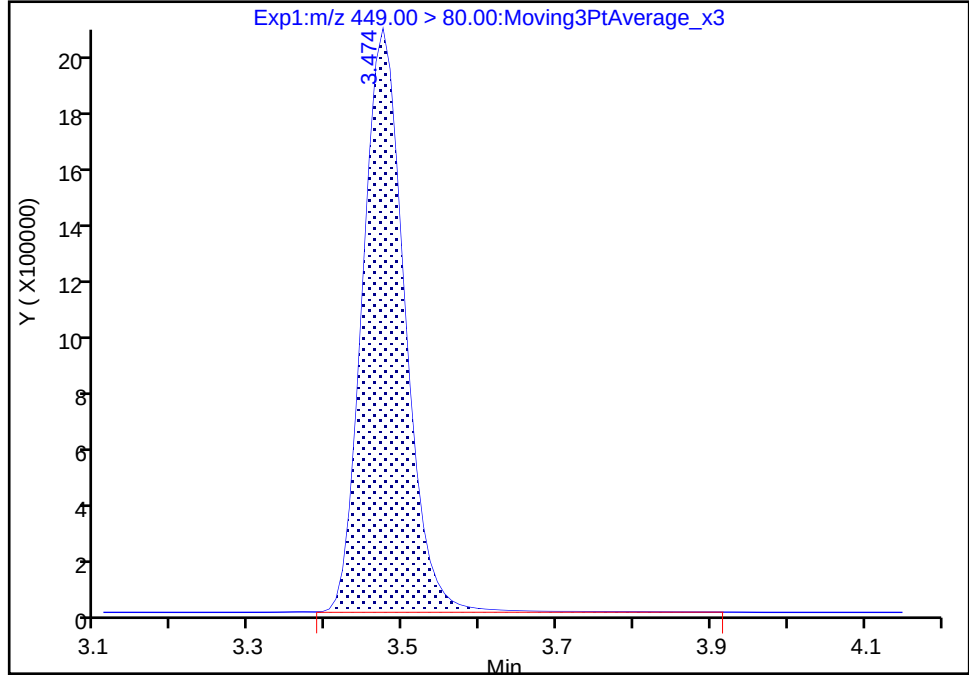
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

16 Perfluoroheptanesulfonic acid, CAS: 375-92-8

Signal: 1

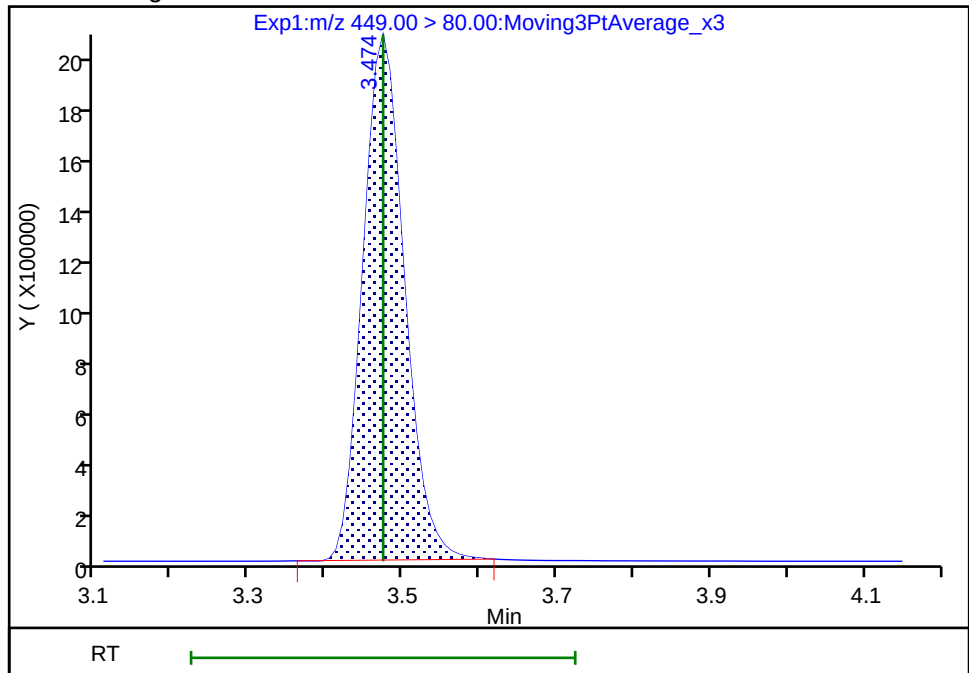
RT: 3.47
Area: 7906161
Amount: 9.256272
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 7802287
Amount: 9.187550
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:04:01
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

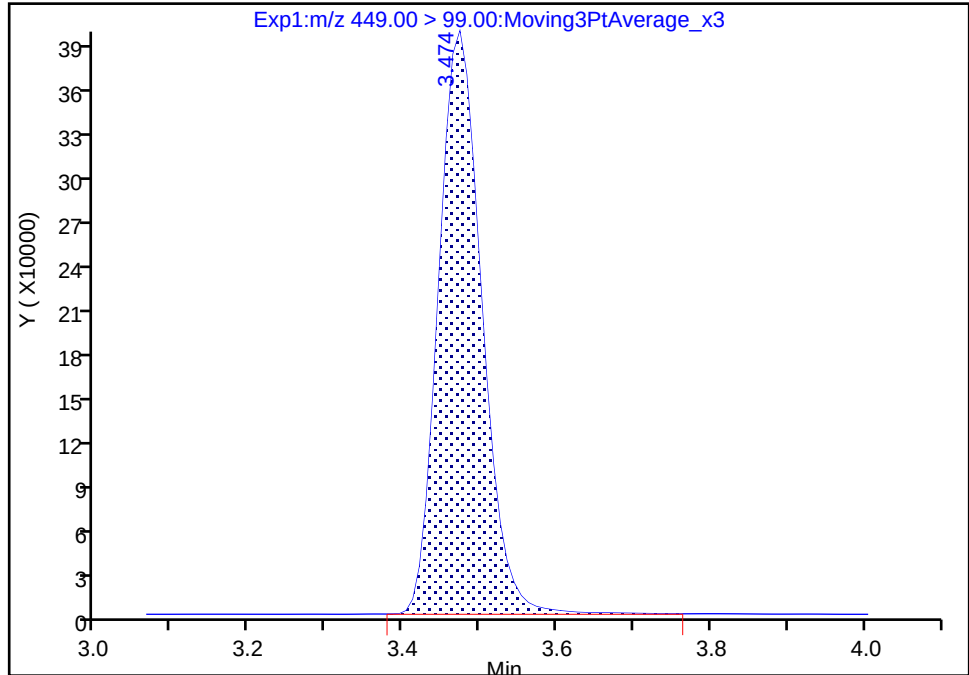
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

16 Perfluoroheptanesulfonic acid, CAS: 375-92-8

Signal: 2

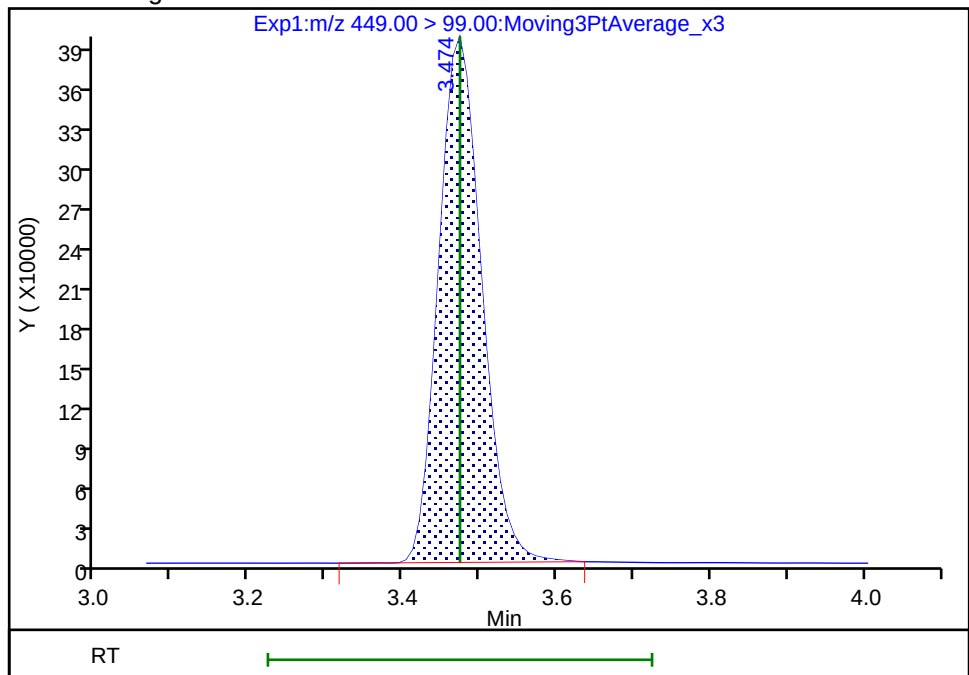
RT: 3.47
Area: 1553203
Amount: 9.256272
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 1537874
Amount: 9.187550
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:04:05

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

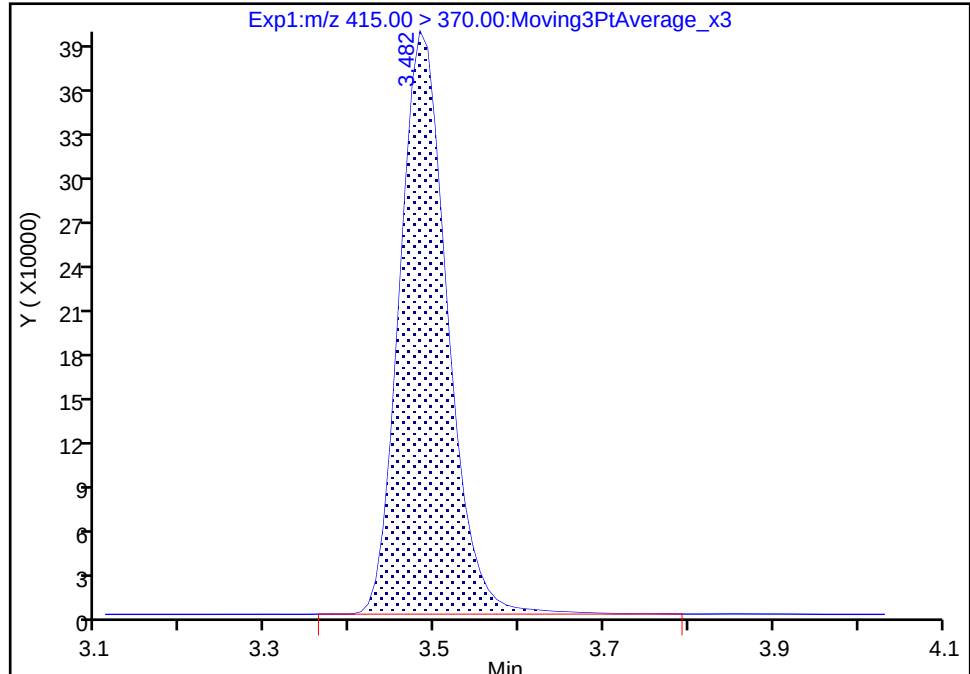
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

* 62 13C2 PFOA, CAS: STL00623

Signal: 1

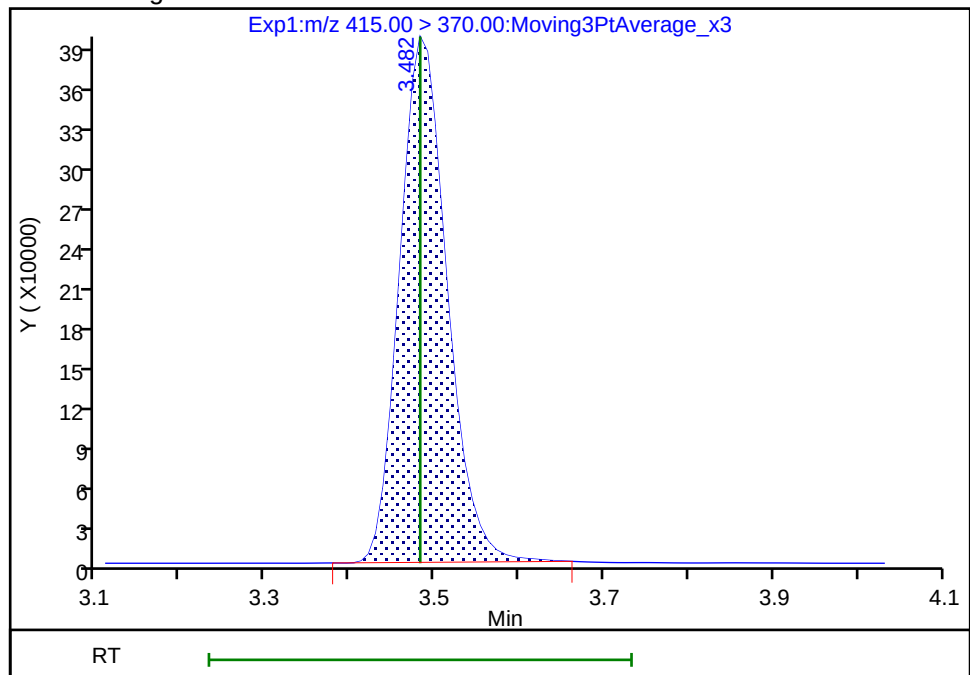
RT: 3.48
Area: 1541689
Amount: 1.250000
Amount Units: ng/ml

Processing Integration Results



RT: 3.48
Area: 1527618
Amount: 1.250000
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:04:45

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

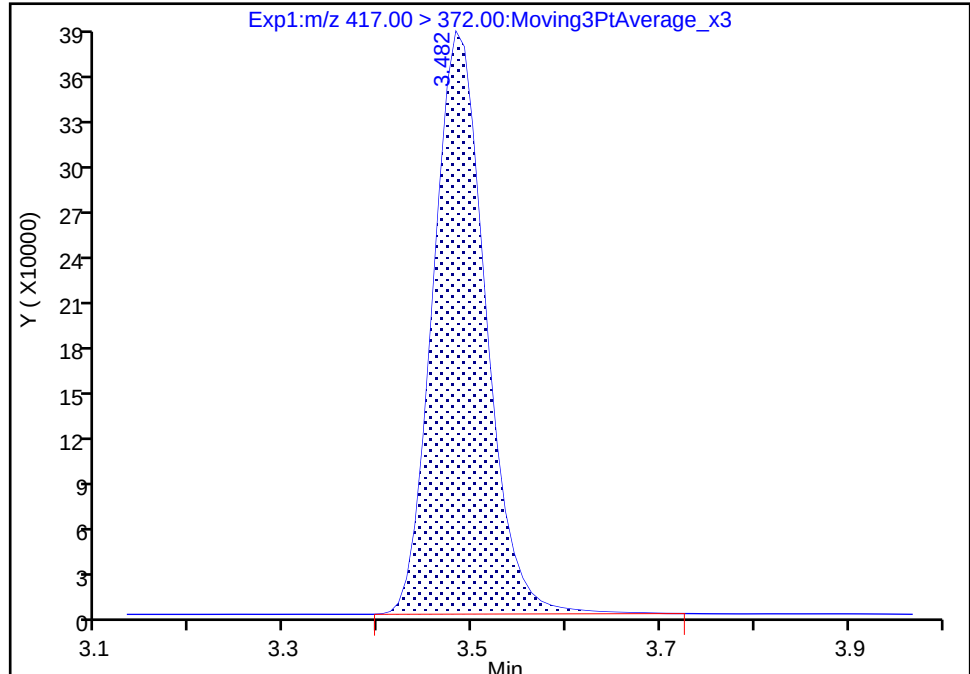
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 14 13C4 PFOA, CAS: STL00990

Signal: 1

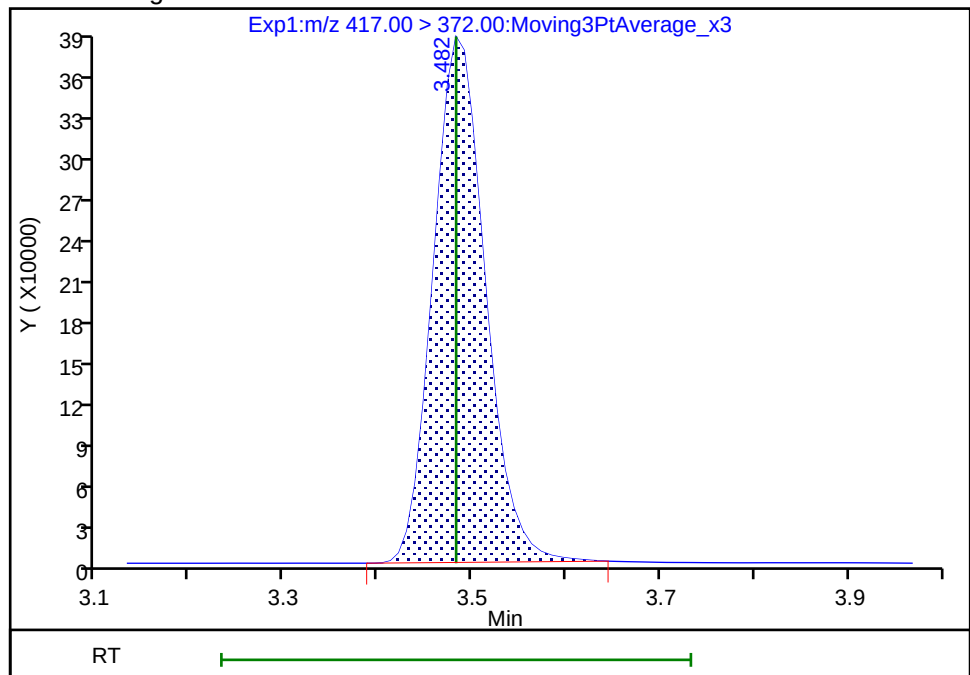
RT: 3.48
Area: 1494730
Amount: 1.272733
Amount Units: ng/ml

Processing Integration Results



RT: 3.48
Area: 1483901
Amount: 1.274740
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:04:30
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

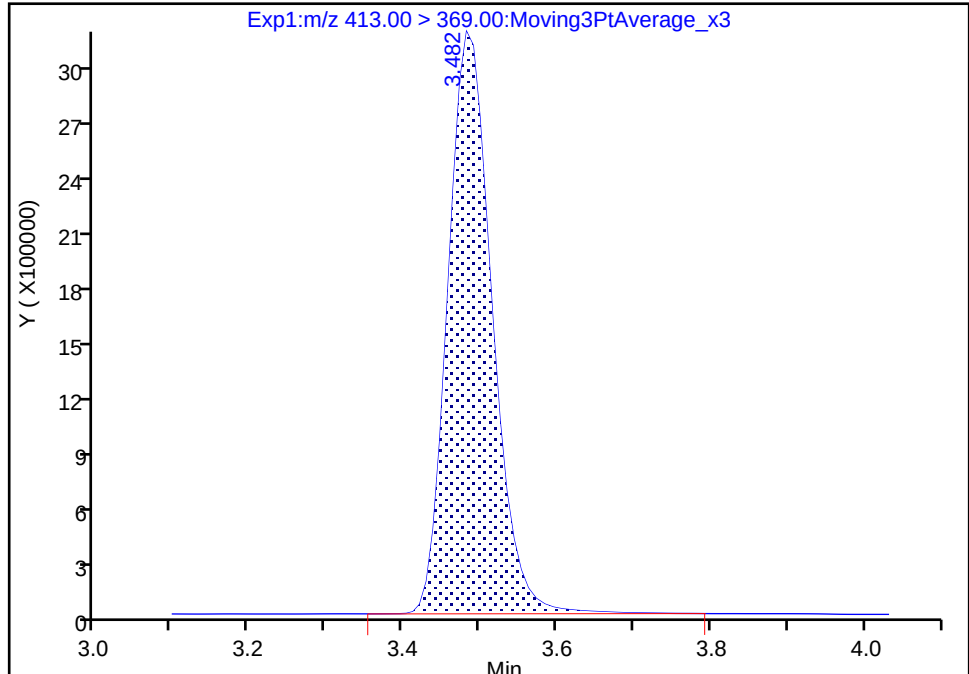
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 1

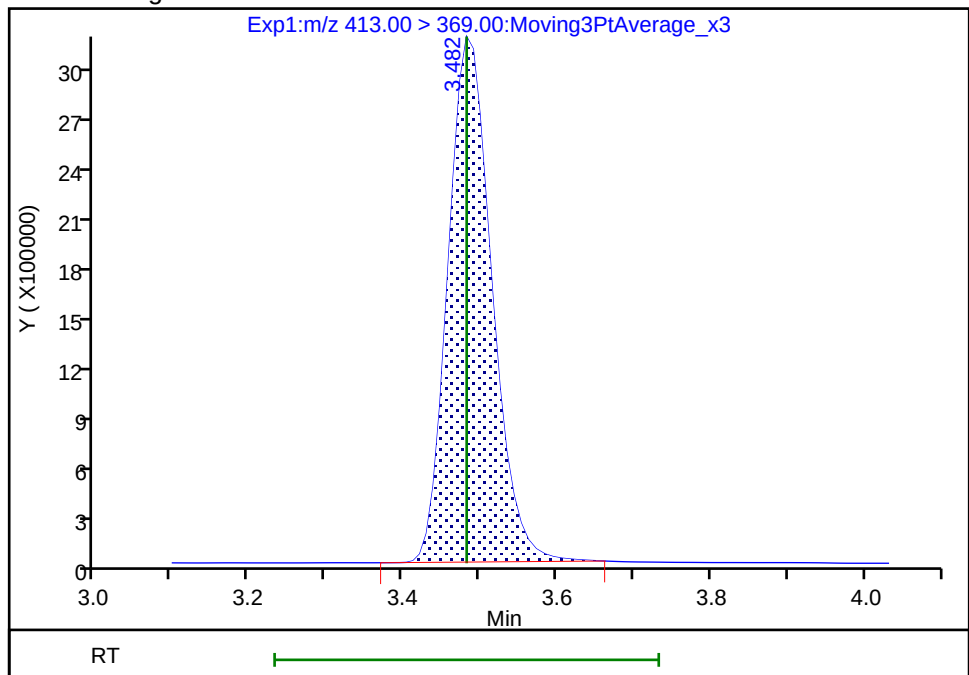
RT: 3.48
Area: 12455190
Amount: 9.285632
Amount Units: ng/ml

Processing Integration Results



RT: 3.48
Area: 12341745
Amount: 9.270895
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:04:12
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

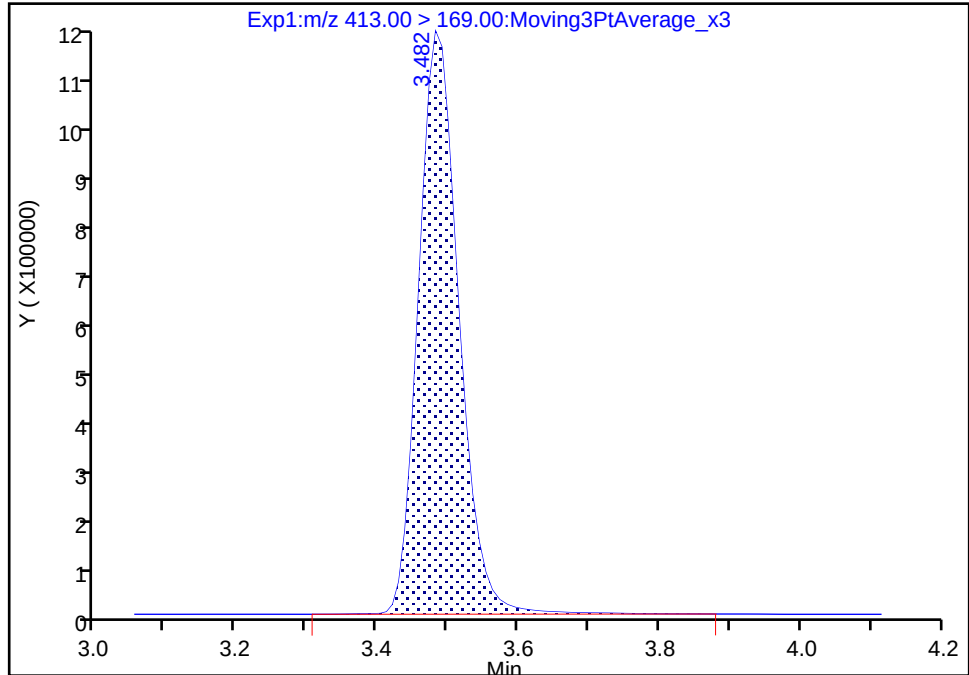
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 2

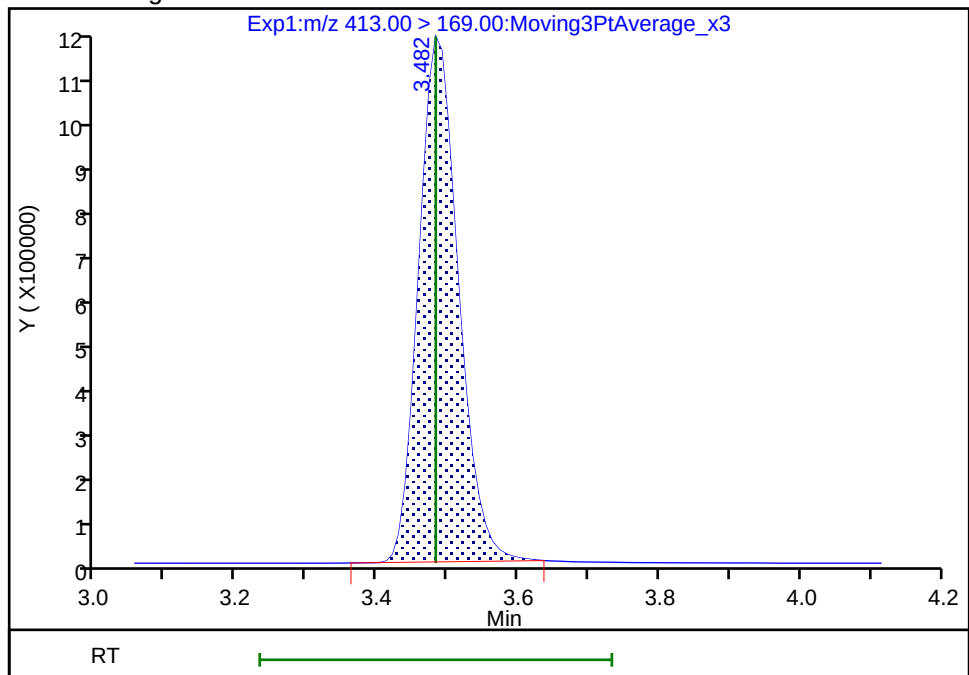
RT: 3.48
Area: 4673670
Amount: 9.285632
Amount Units: ng/ml

Processing Integration Results



RT: 3.48
Area: 4602327
Amount: 9.270895
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:04:15

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

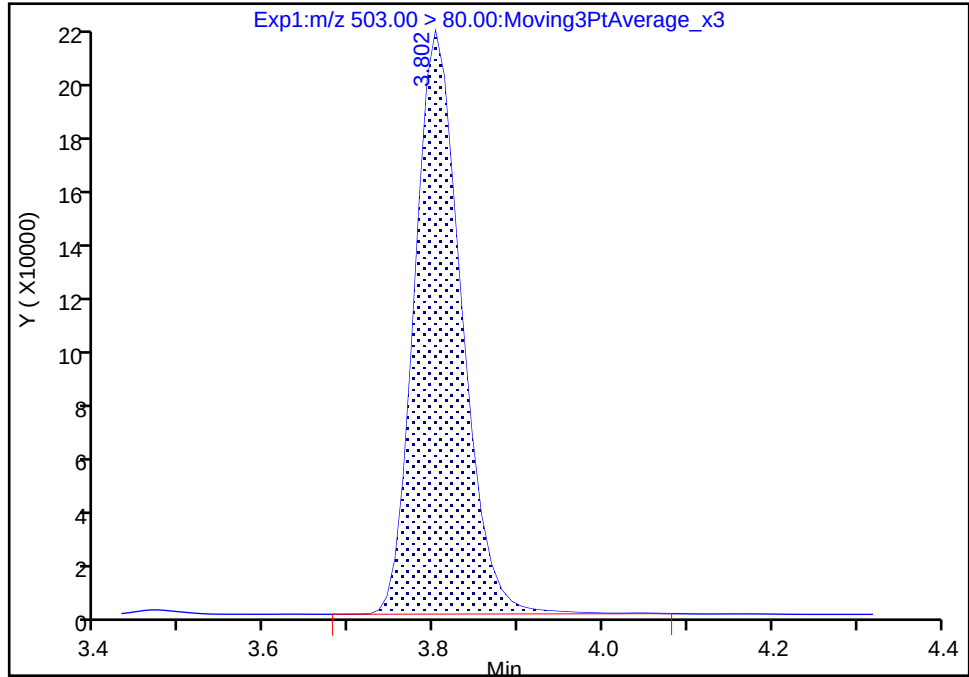
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 18 13C4 PFOS, CAS: STL00991

Signal: 1

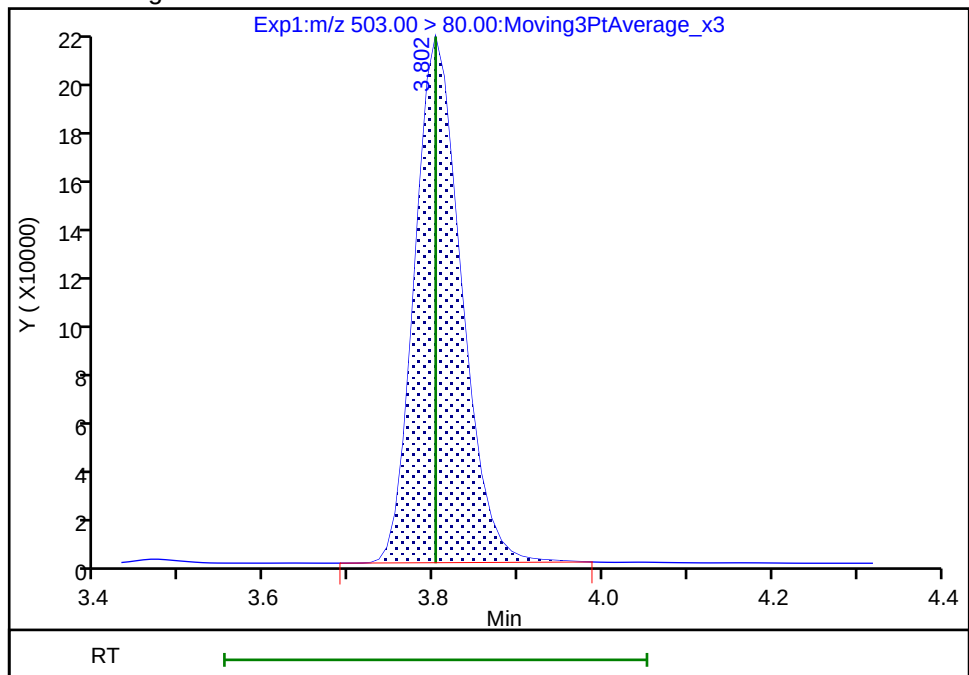
RT: 3.80
Area: 824616
Amount: 1.236112
Amount Units: ng/ml

Processing Integration Results



RT: 3.80
Area: 821046
Amount: 1.231680
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:09:46
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

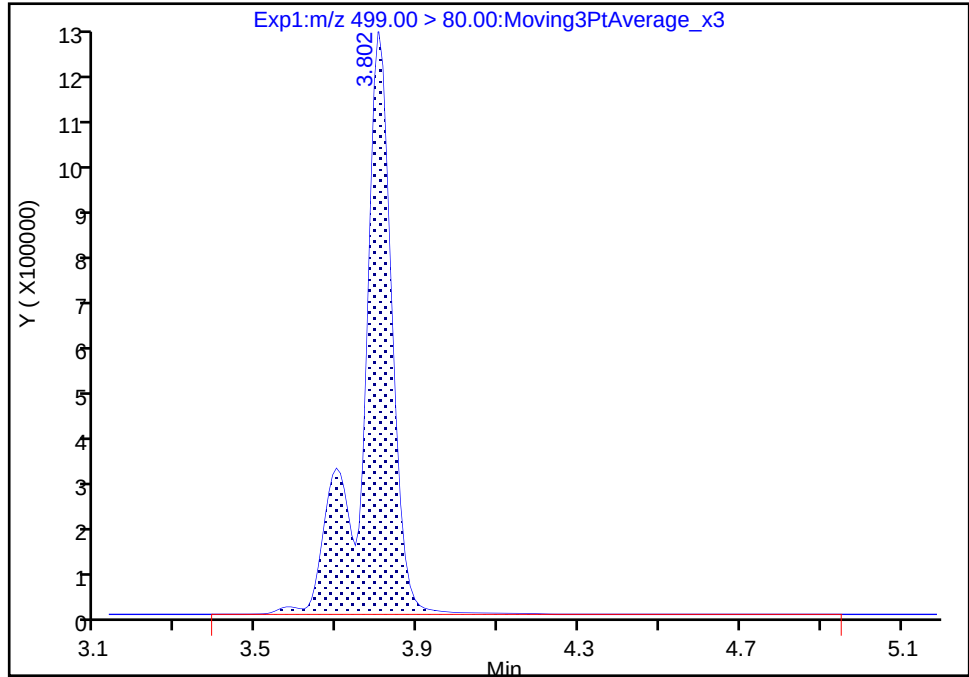
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 1

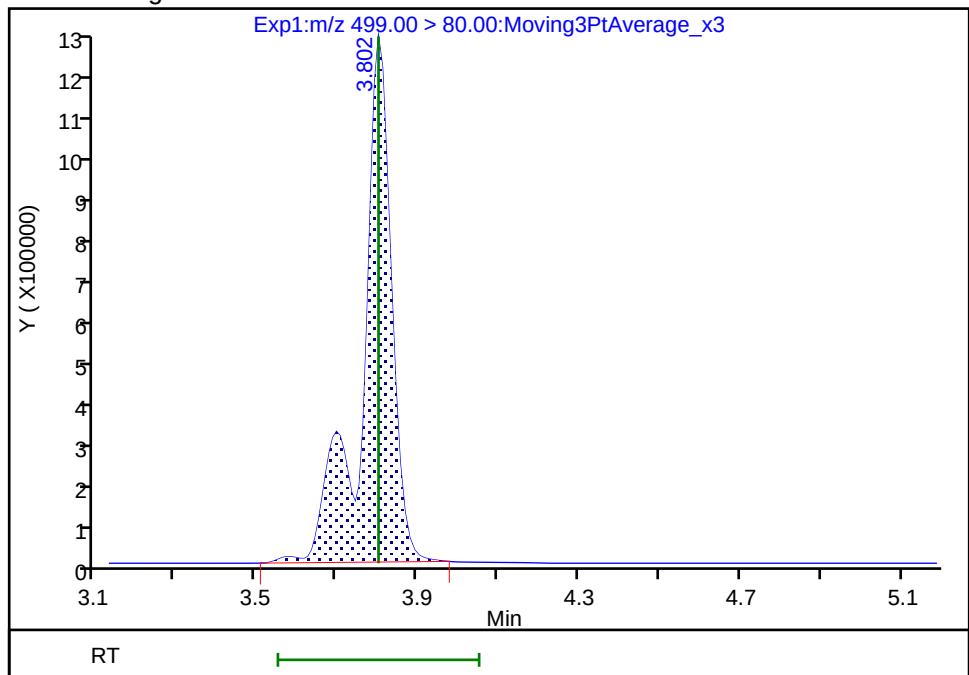
RT: 3.80
Area: 6489973
Amount: 8.493599
Amount Units: ng/ml

Processing Integration Results



RT: 3.80
Area: 6393833
Amount: 9.334770
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:04:50
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

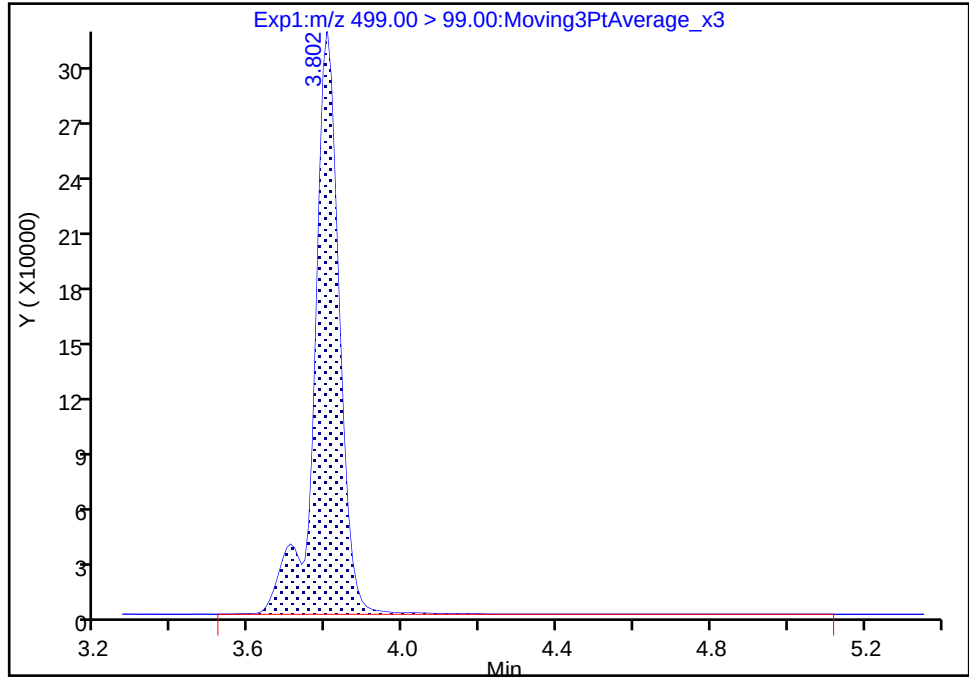
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 2

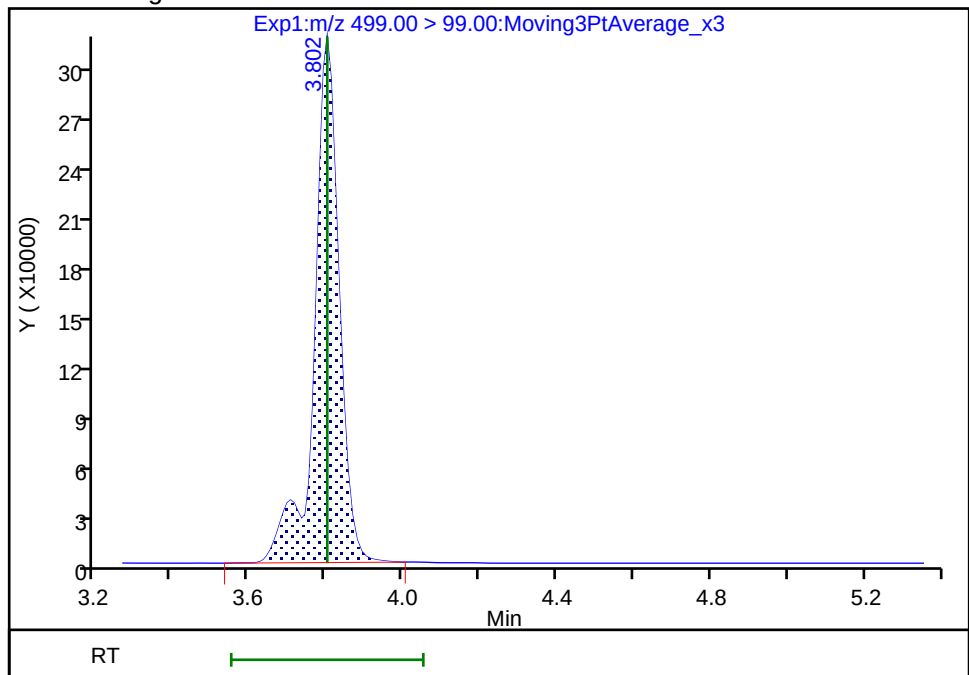
RT: 3.80
Area: 1404238
Amount: 8.493599
Amount Units: ng/ml

Processing Integration Results



RT: 3.80
Area: 1390243
Amount: 9.334770
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:04:56

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

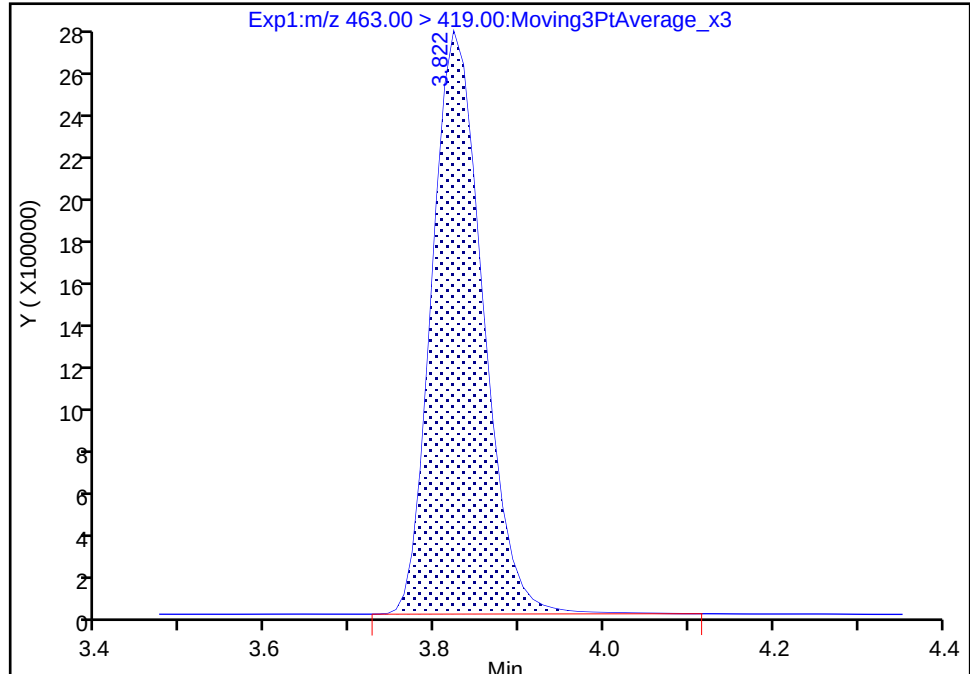
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

20 Perfluorononanoic acid, CAS: 375-95-1

Signal: 1

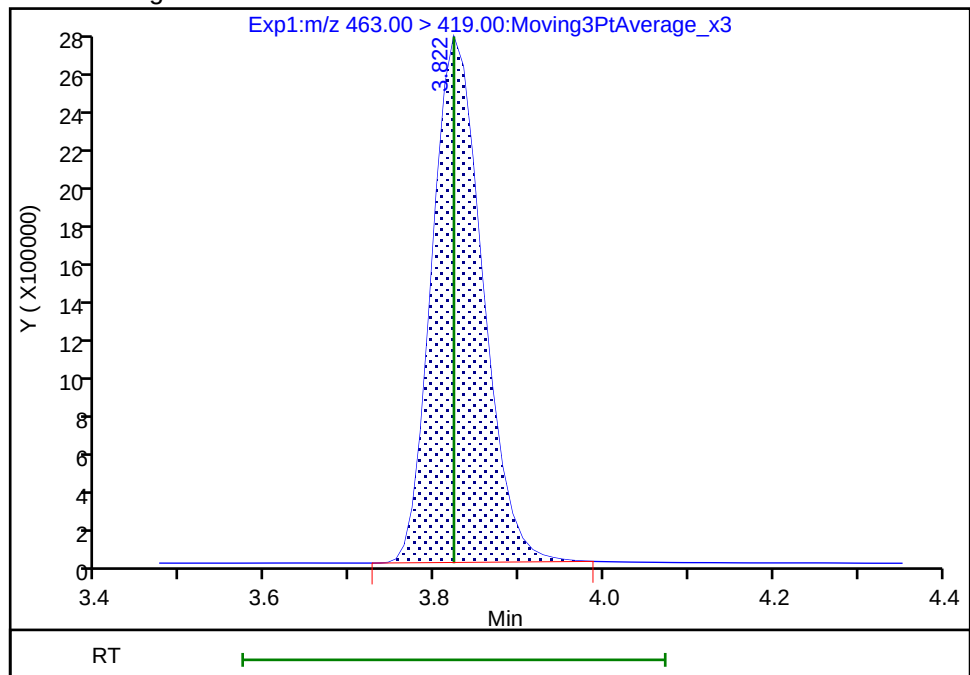
RT: 3.82
Area: 11483914
Amount: 9.473981
Amount Units: ng/ml

Processing Integration Results



RT: 3.82
Area: 11406519
Amount: 9.420156
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:09:52
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

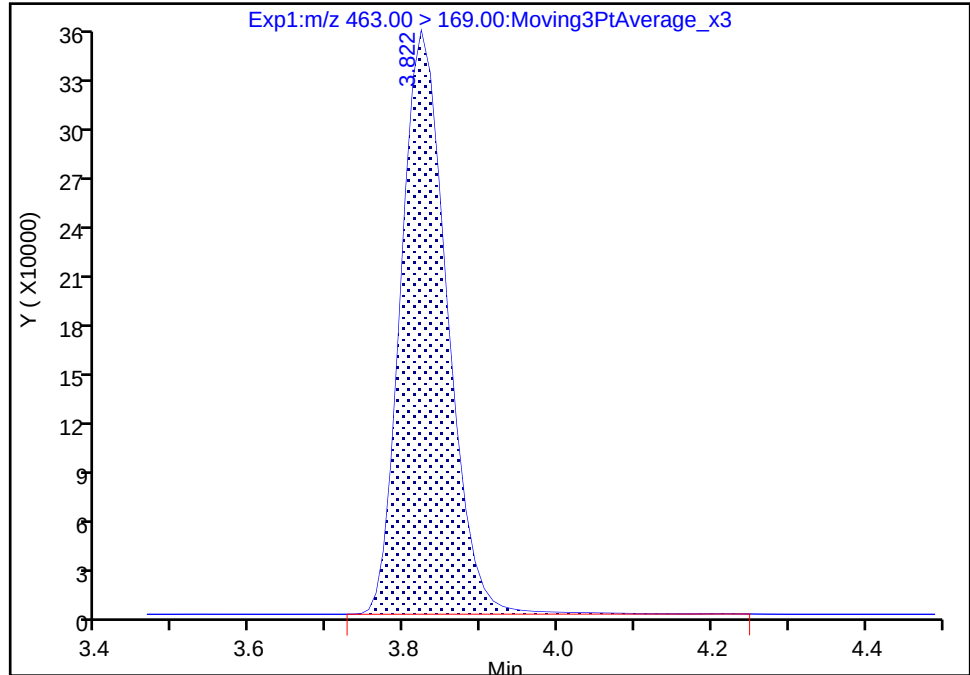
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

20 Perfluorononanoic acid, CAS: 375-95-1

Signal: 2

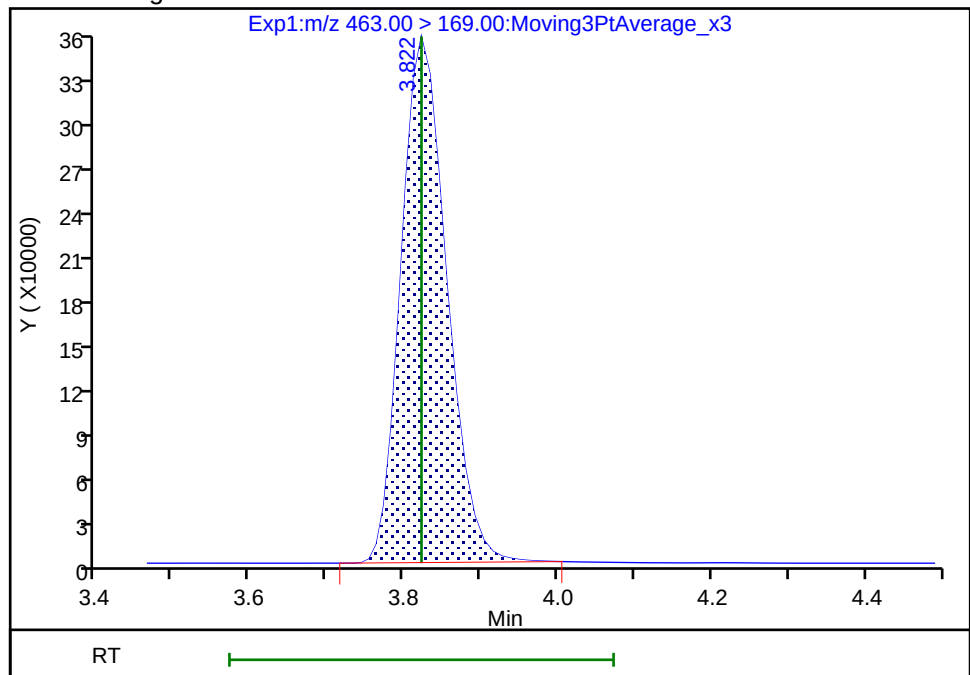
RT: 3.82
Area: 1482641
Amount: 9.473981
Amount Units: ng/ml

Processing Integration Results



RT: 3.82
Area: 1469986
Amount: 9.420156
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:09:56

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

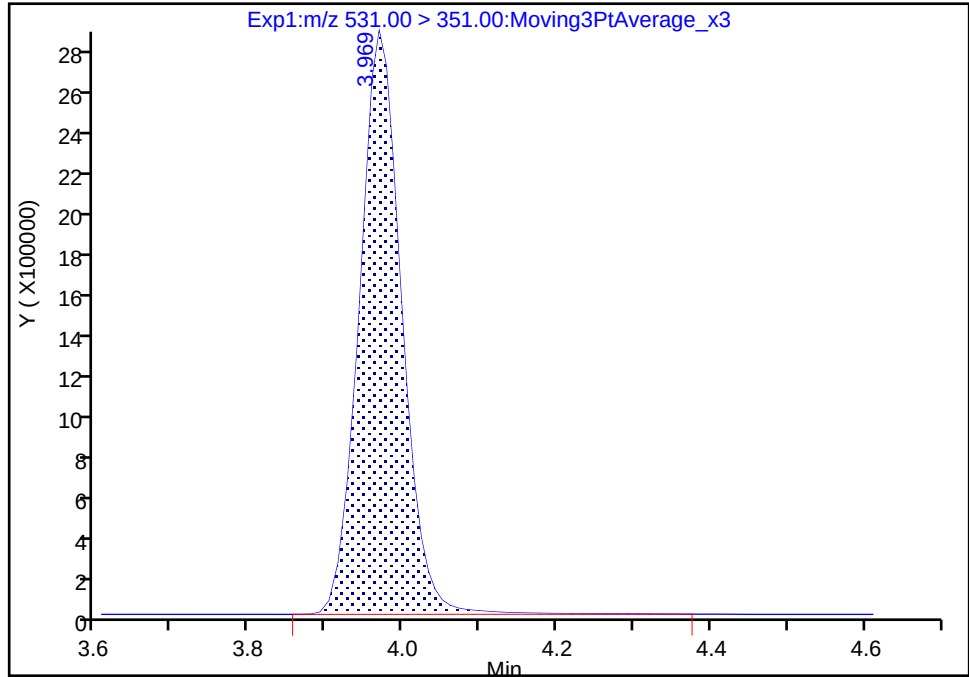
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

69 9-Chlorohexadecafluoro-3-oxanona, CAS: 756426-58-1

Signal: 1

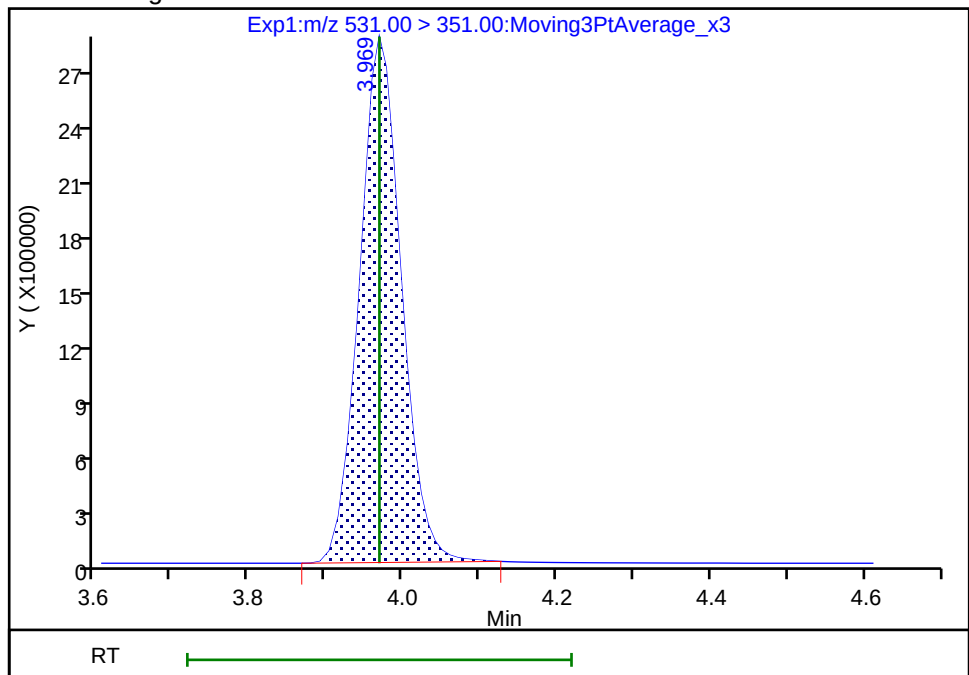
RT: 3.97
Area: 10935442
Amount: 8.994955
Amount Units: ng/ml

Processing Integration Results



RT: 3.97
Area: 10822143
Amount: 8.916621
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:10:02
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

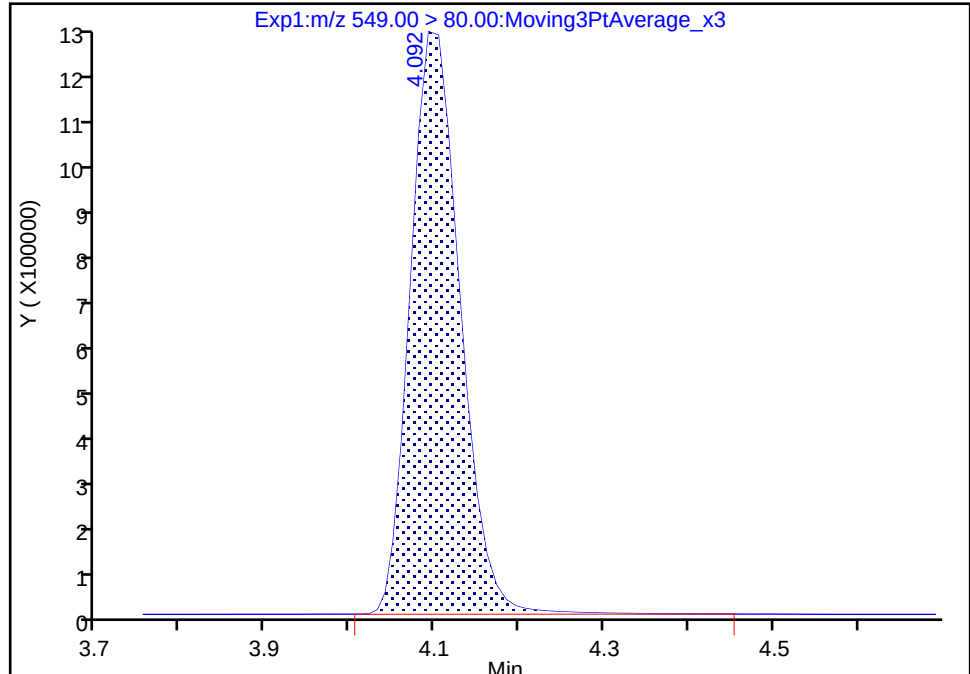
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

68 Perfluoronanesulfonic acid, CAS: 68259-12-1

Signal: 1

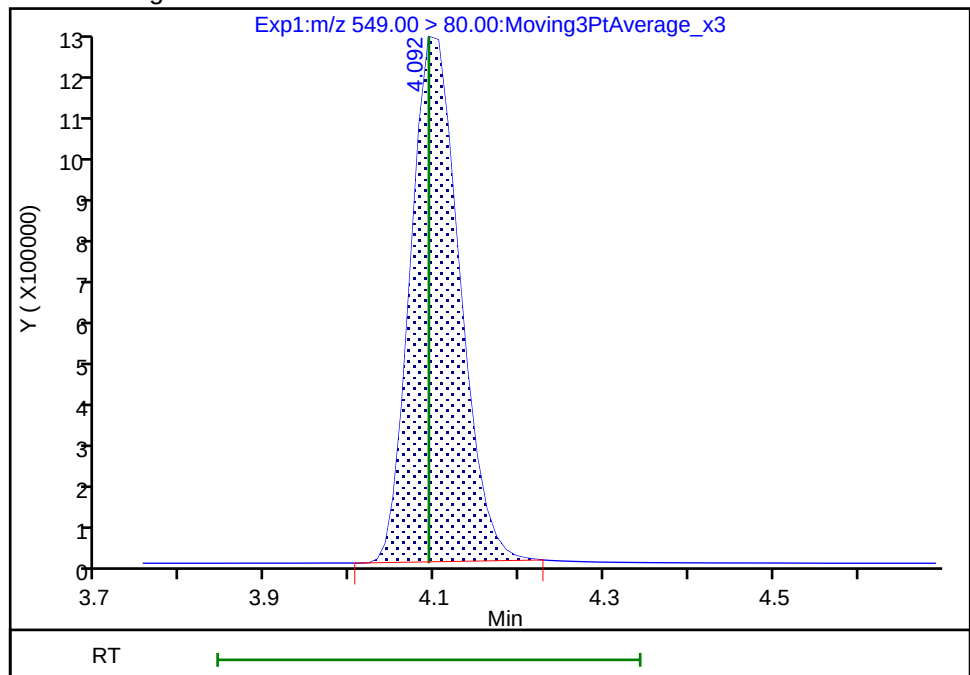
RT: 4.09
Area: 4999400
Amount: 9.271245
Amount Units: ng/ml

Processing Integration Results



RT: 4.09
Area: 4925638
Amount: 9.156200
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:10:08
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

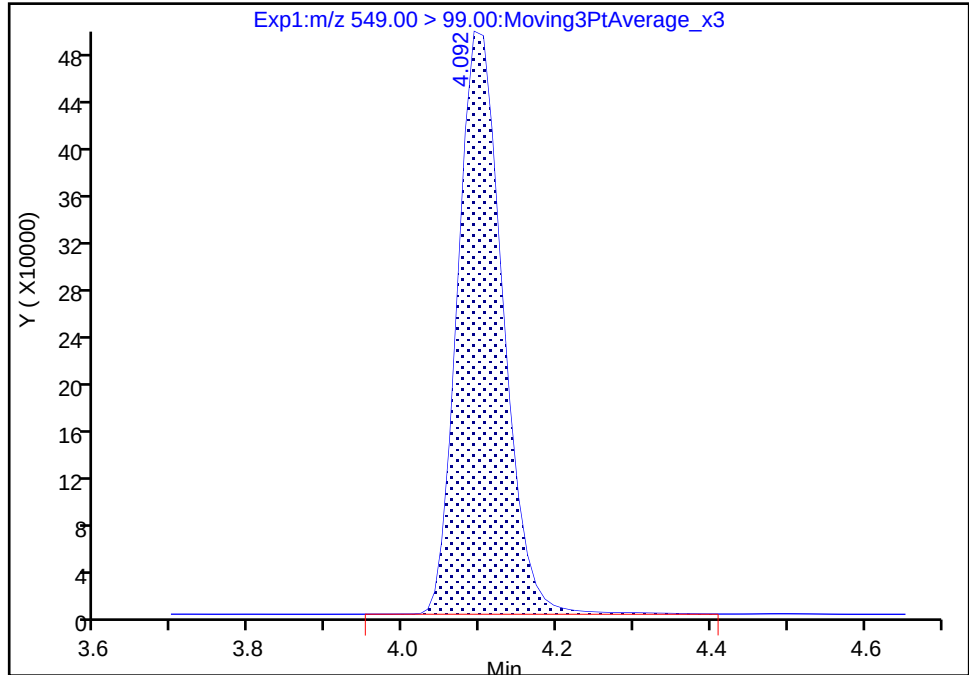
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

68 Perfluoronanesulfonic acid, CAS: 68259-12-1

Signal: 2

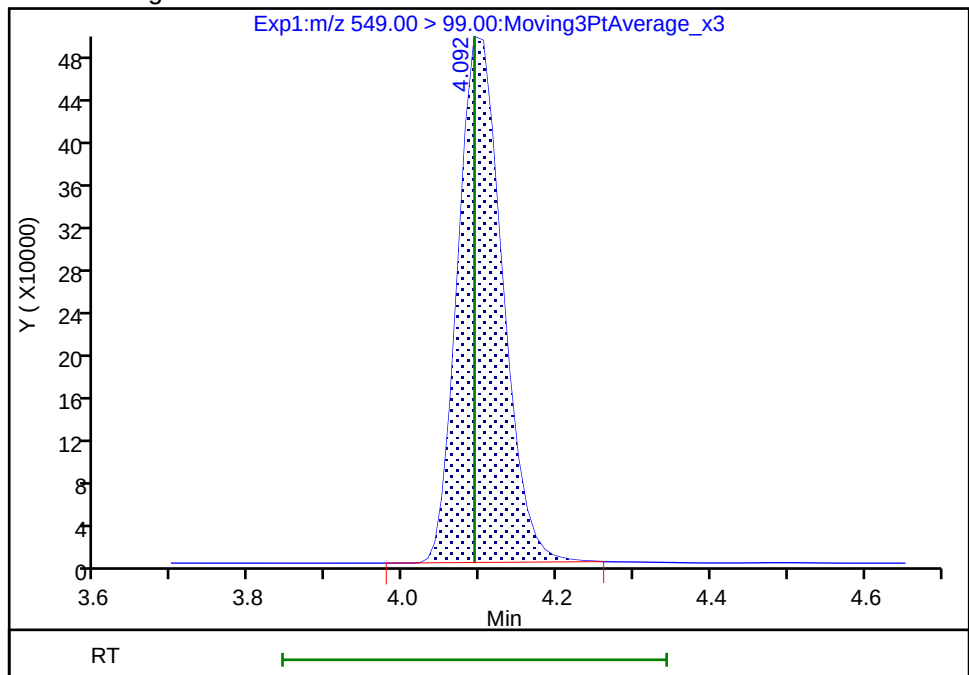
RT: 4.09
Area: 2027098
Amount: 9.271245
Amount Units: ng/ml

Processing Integration Results



RT: 4.09
Area: 2007966
Amount: 9.156200
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:10:11

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

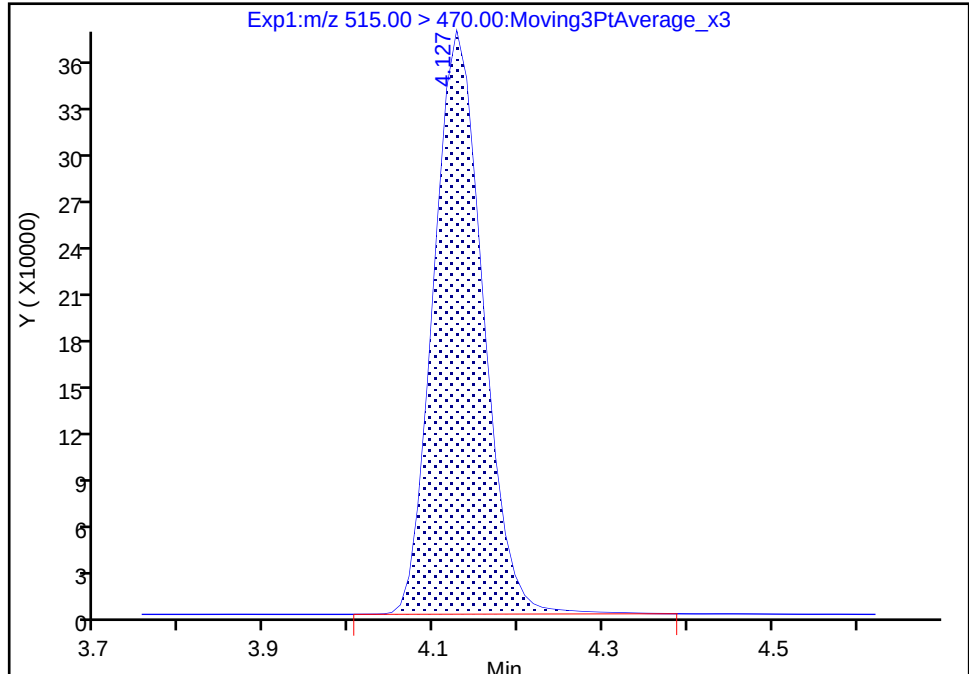
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 23 13C2 PFDA, CAS: STL00996

Signal: 1

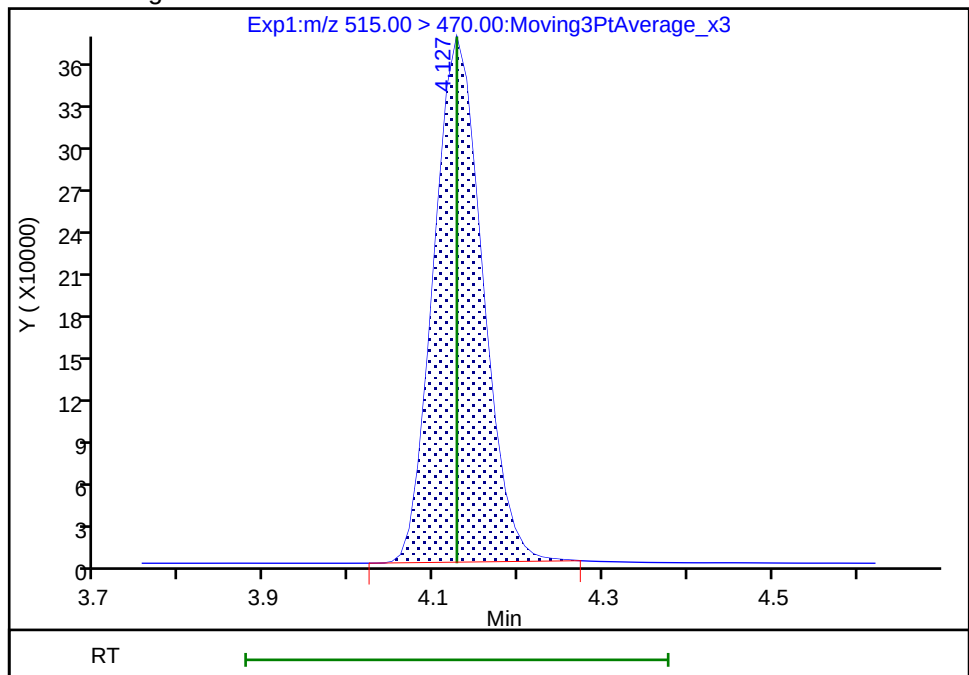
RT: 4.13
Area: 1494393
Amount: 1.268365
Amount Units: ng/ml

Processing Integration Results



RT: 4.13
Area: 1479189
Amount: 1.257624
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:11:56
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

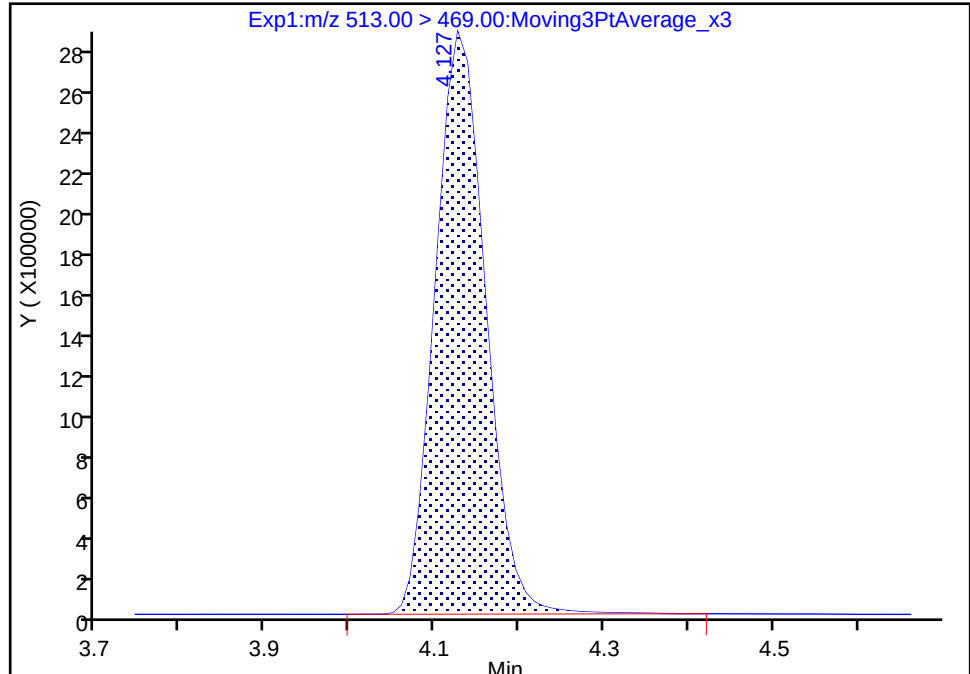
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

24 Perfluorodecanoic acid, CAS: 335-76-2

Signal: 1

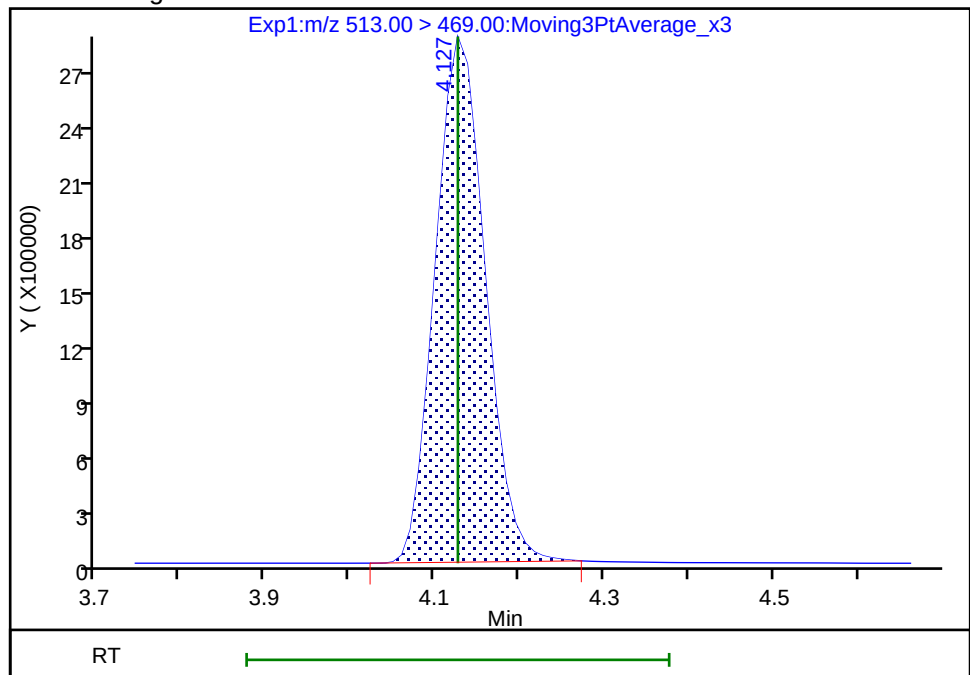
RT: 4.13
Area: 11622772
Amount: 9.244954
Amount Units: ng/ml

Processing Integration Results



RT: 4.13
Area: 11511562
Amount: 9.249739
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:10:21
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

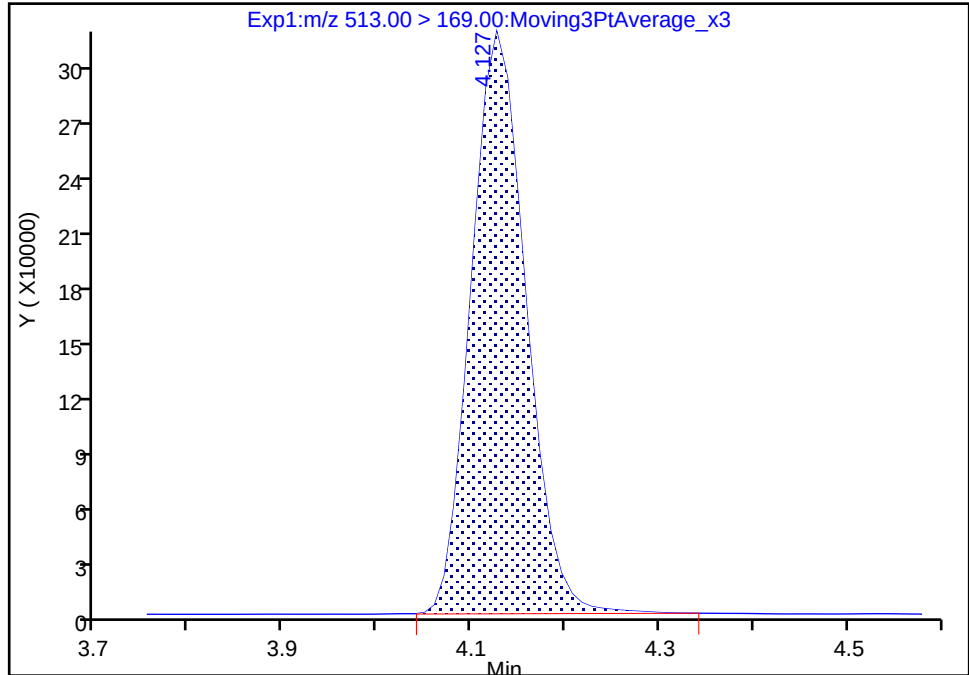
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

24 Perfluorodecanoic acid, CAS: 335-76-2

Signal: 2

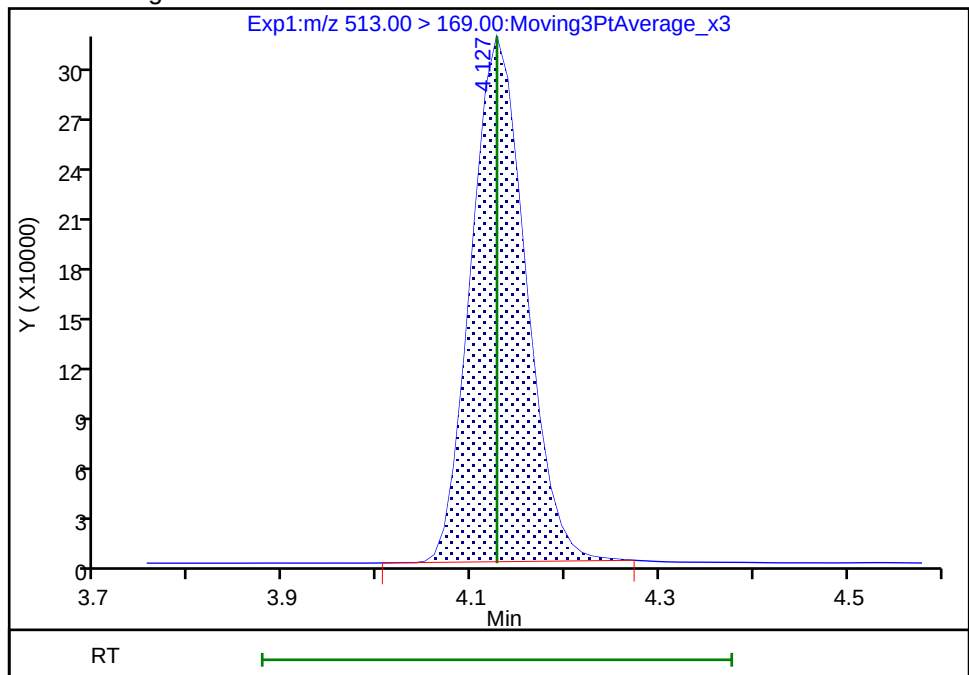
RT: 4.13
Area: 1264074
Amount: 9.244954
Amount Units: ng/ml

Processing Integration Results



RT: 4.13
Area: 1252336
Amount: 9.249739
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:10:24

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

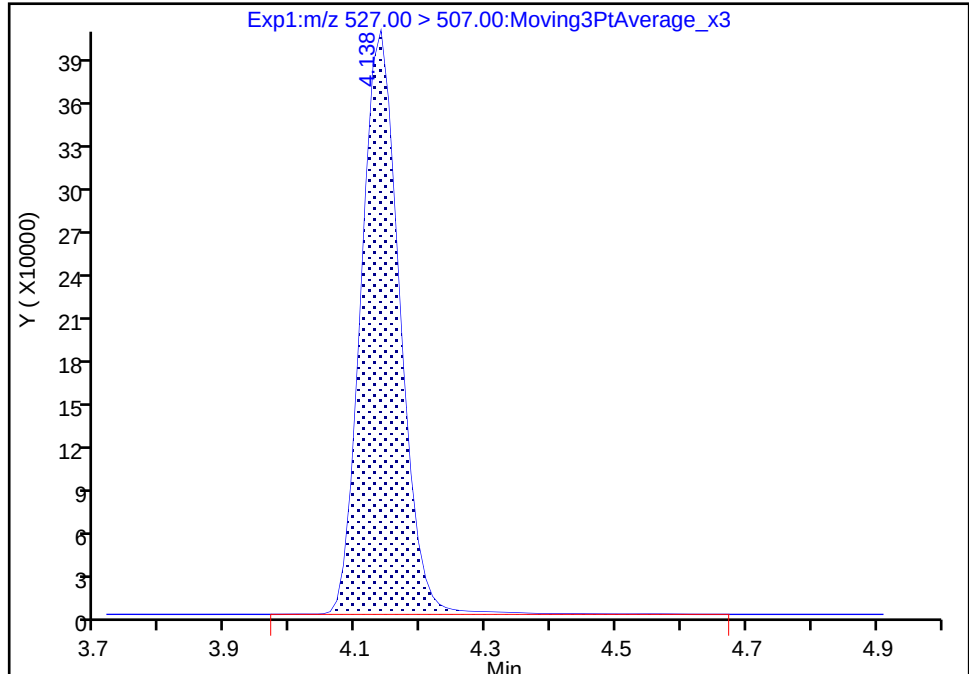
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

25 1H,1H,2H,2H-perfluorodecanesulfo, CAS: 39108-34-4

Signal: 1

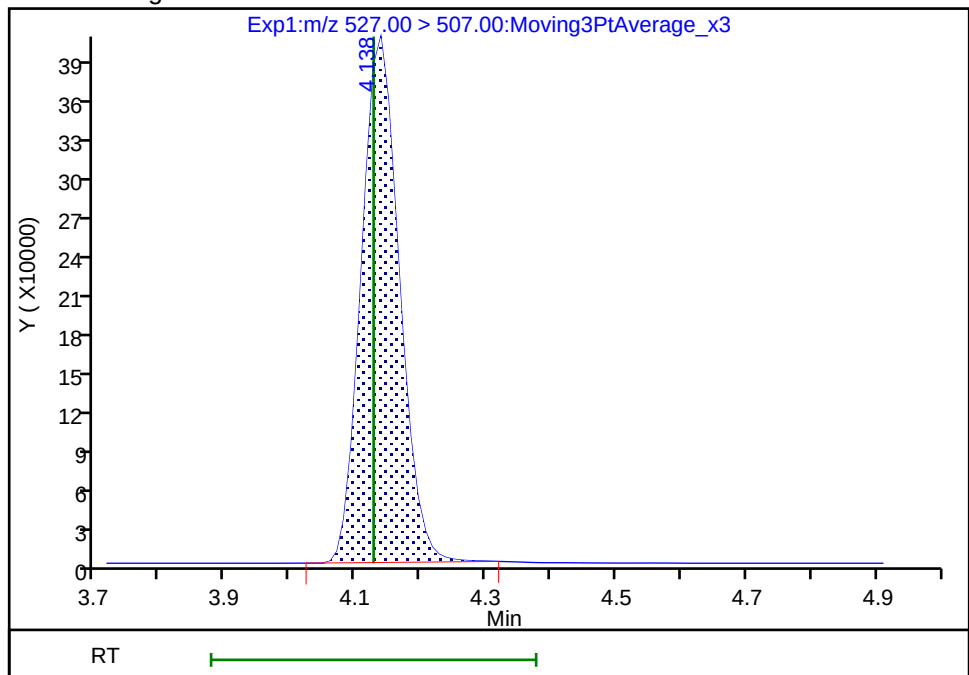
RT: 4.14
Area: 1644937
Amount: 9.183081
Amount Units: ng/ml

Processing Integration Results



RT: 4.14
Area: 1625337
Amount: 9.090967
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:10:16
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

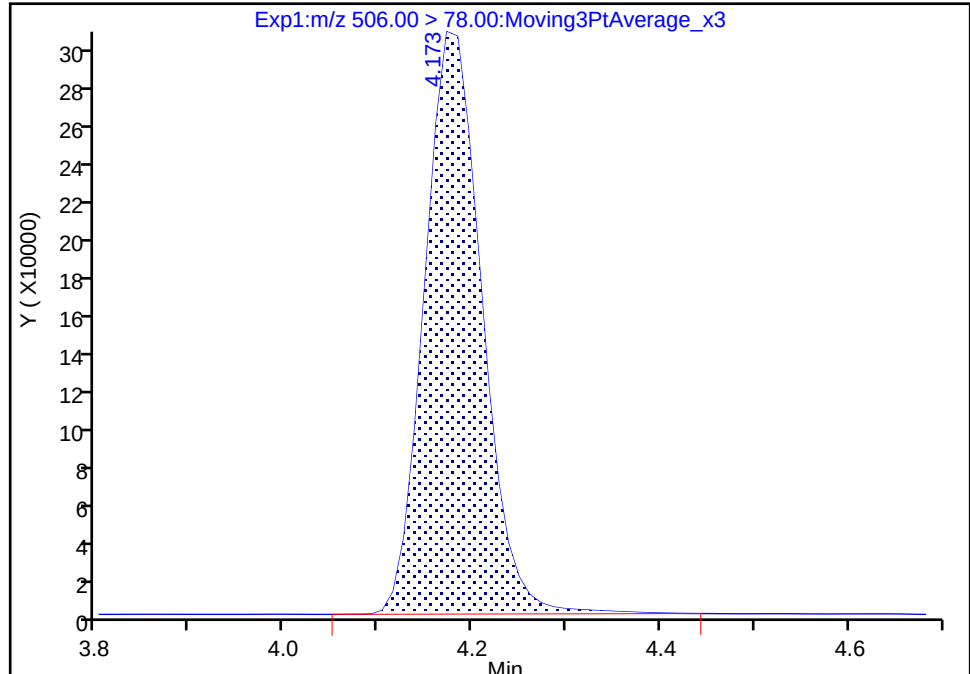
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 21 13C8 FOSA, CAS: STL01056

Signal: 1

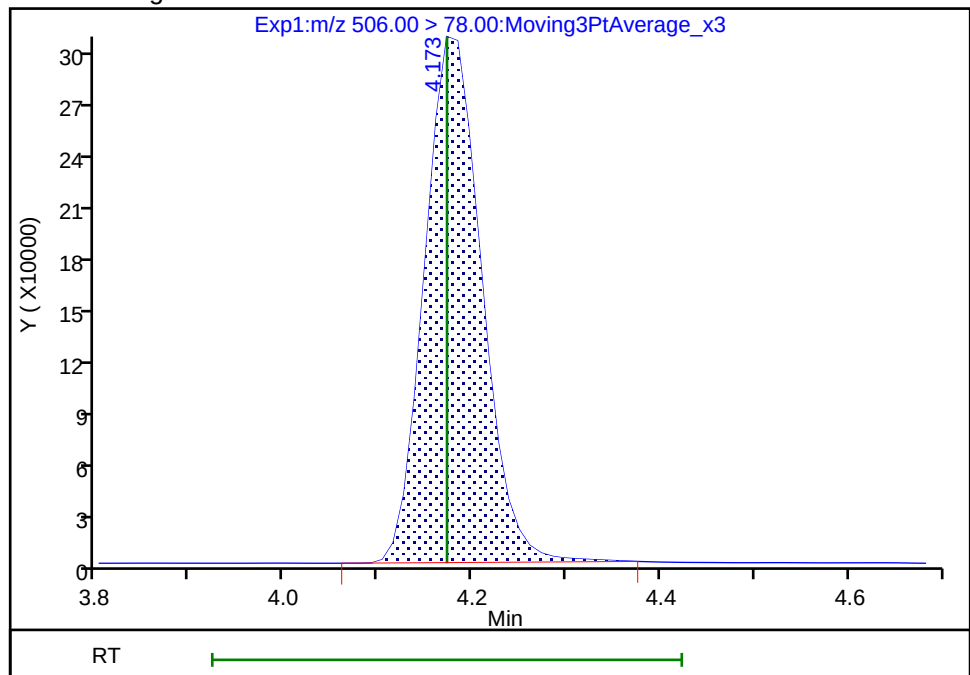
RT: 4.17
Area: 1297764
Amount: 1.259461
Amount Units: ng/ml

Processing Integration Results



RT: 4.17
Area: 1290314
Amount: 1.253439
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:12:20

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

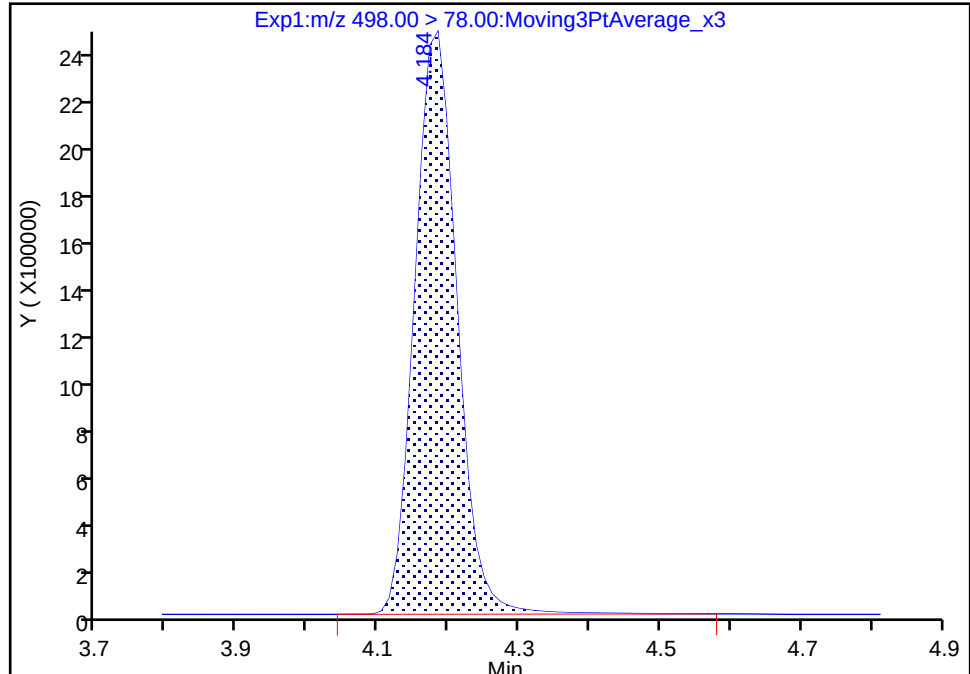
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

22 Perfluorooctanesulfonamide, CAS: 754-91-6

Signal: 1

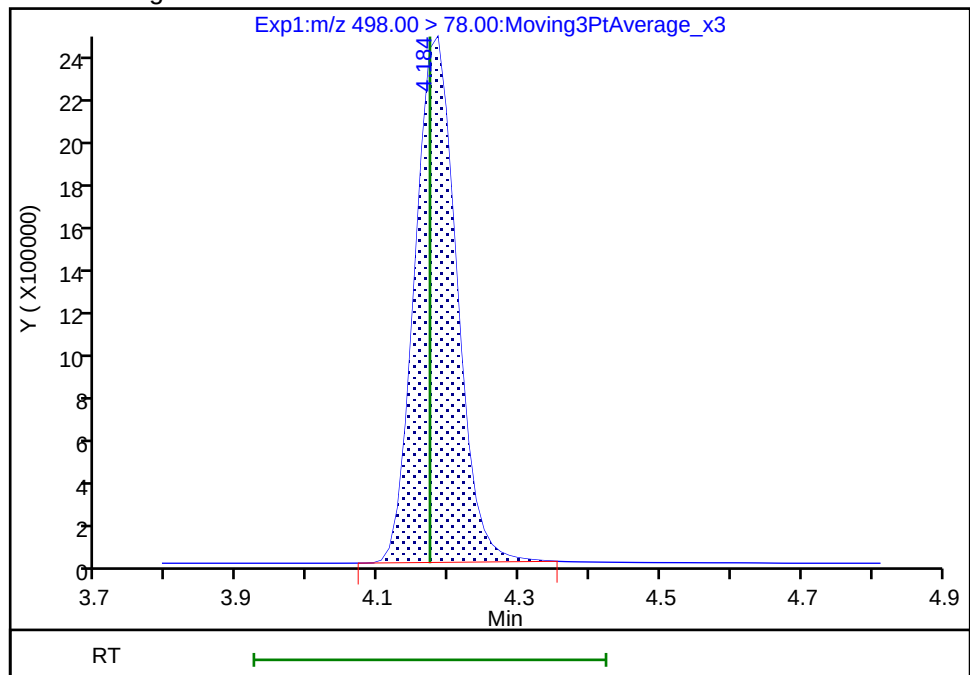
RT: 4.18
Area: 10281607
Amount: 9.758580
Amount Units: ng/ml

Processing Integration Results



RT: 4.18
Area: 10178171
Amount: 9.676238
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:12:26
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

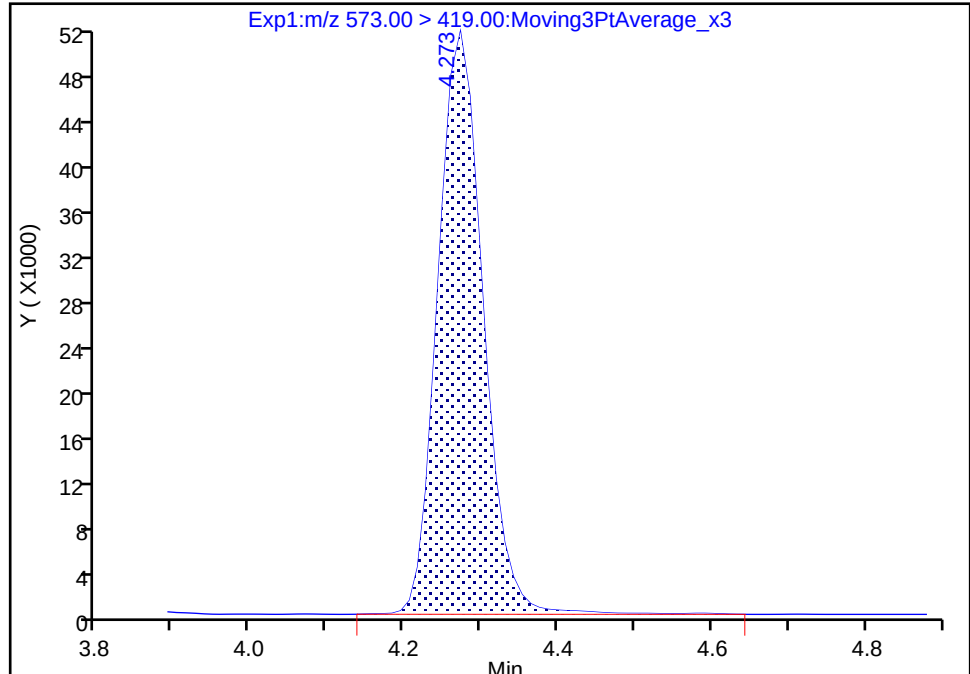
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 27 d3-NMeFOSAA, CAS: STL02118

Signal: 1

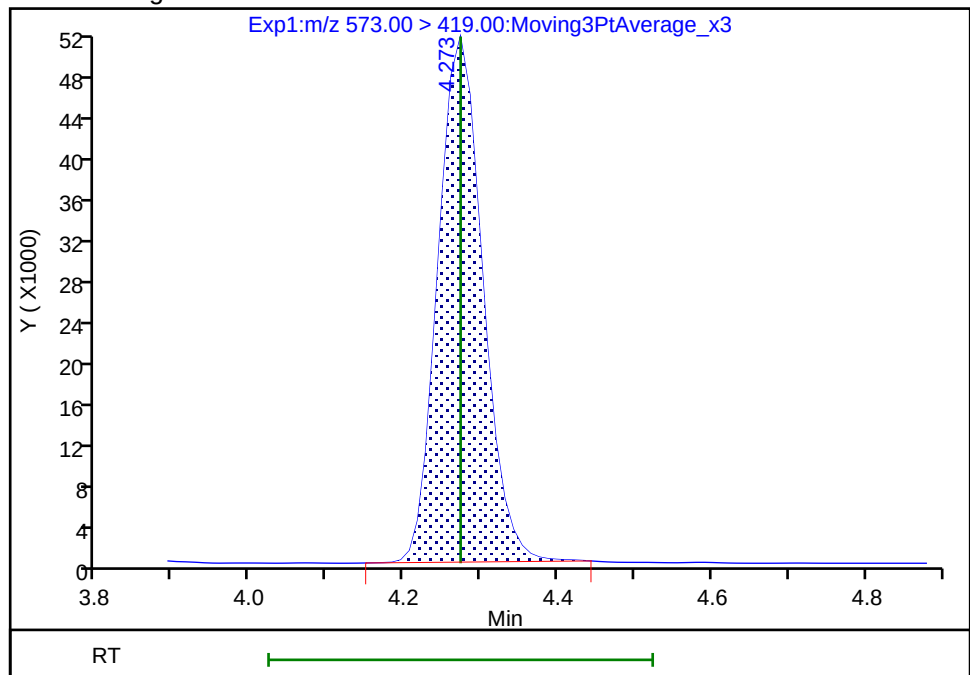
RT: 4.27
Area: 211365
Amount: 1.337402
Amount Units: ng/ml

Processing Integration Results



RT: 4.27
Area: 208390
Amount: 1.321895
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:12:37
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

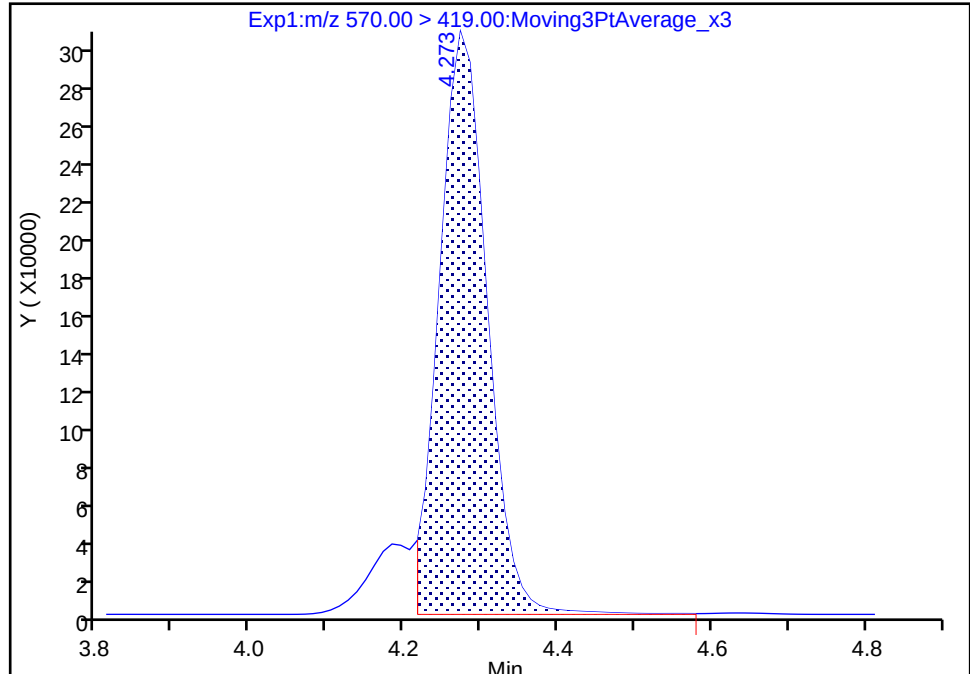
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

28 N-methylperfluorooctanesulfonami, CAS: 2355-31-9

Signal: 1

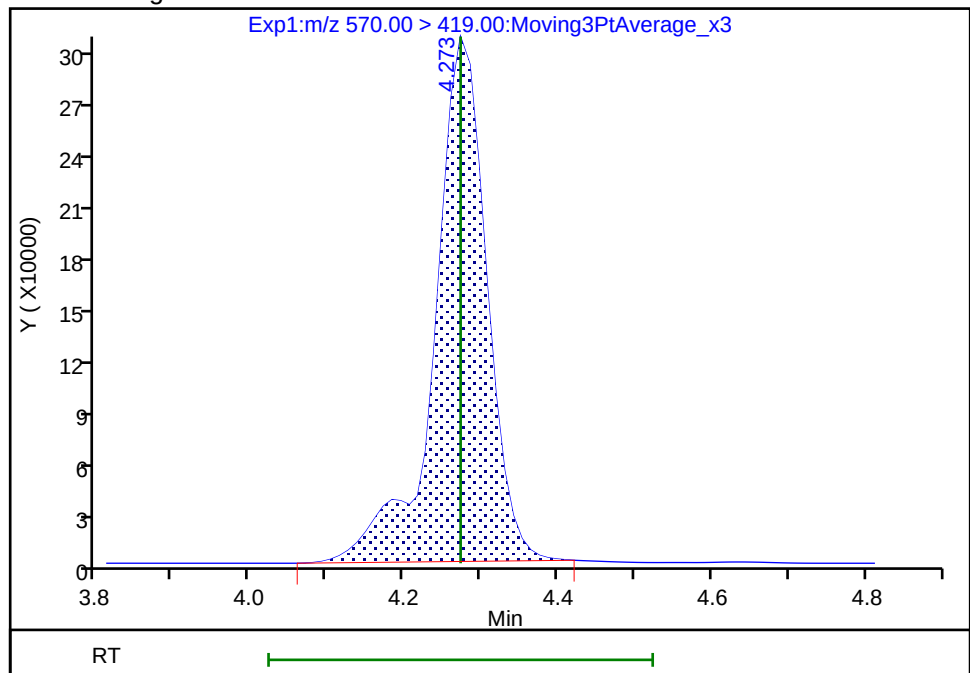
RT: 4.27
Area: 1329074
Amount: 9.003098
Amount Units: ng/ml

Processing Integration Results



RT: 4.27
Area: 1461120
Amount: 9.868512
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:12:30
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

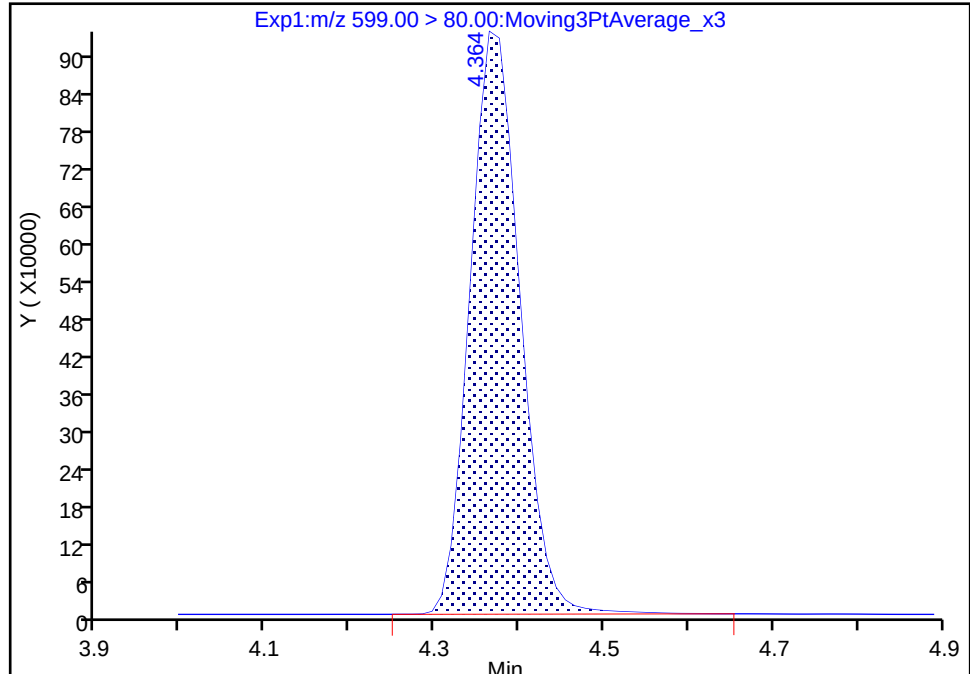
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

29 Perfluorodecanesulfonic acid, CAS: 335-77-3

Signal: 1

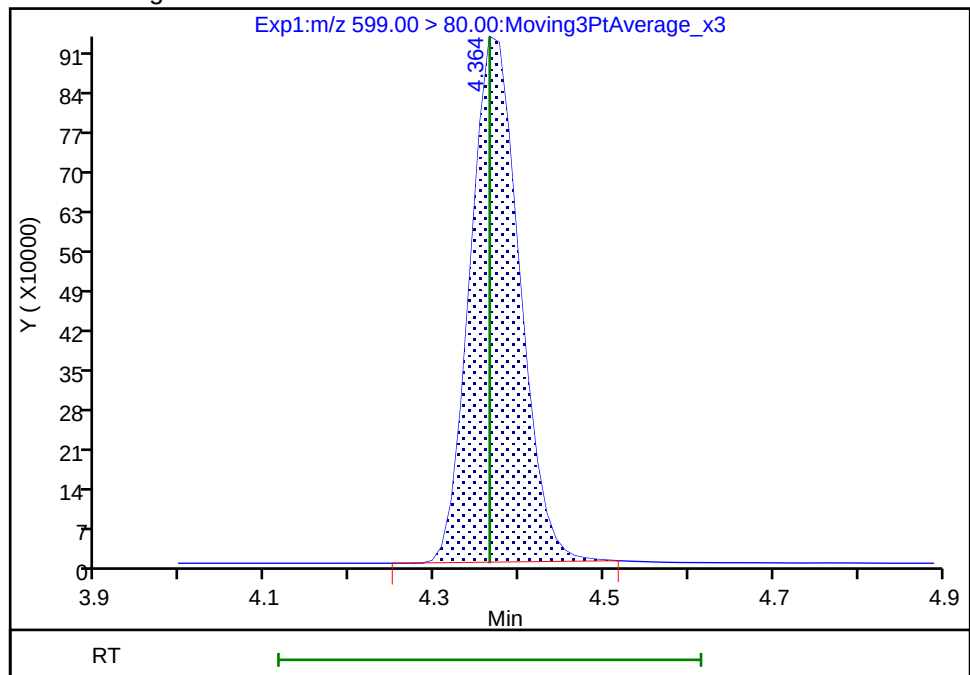
RT: 4.36
Area: 3793904
Amount: 9.460528
Amount Units: ng/ml

Processing Integration Results



RT: 4.36
Area: 3753346
Amount: 9.375786
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:12:41
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

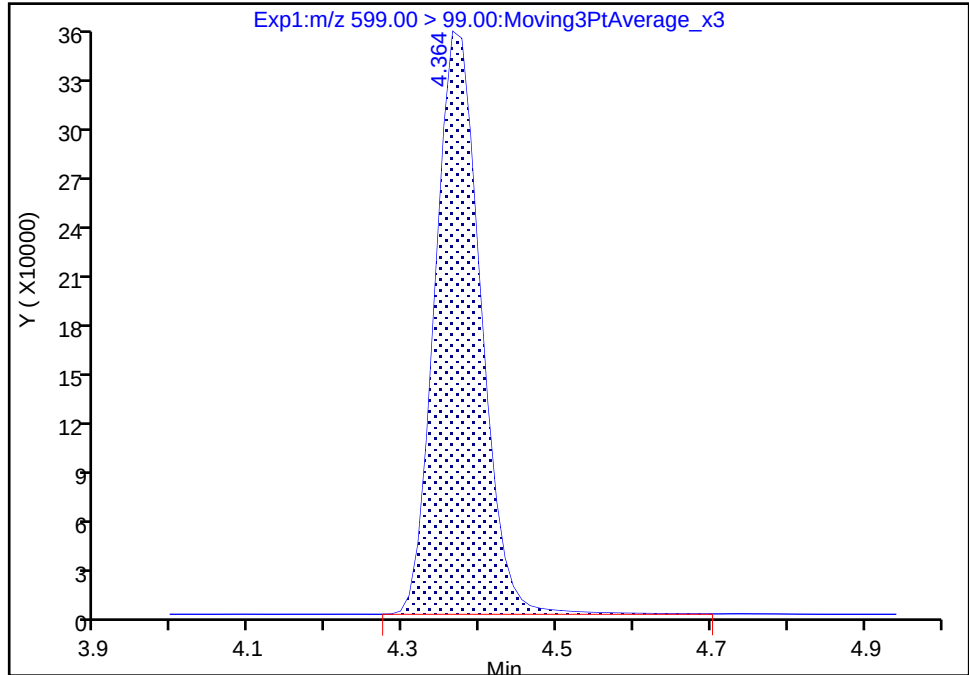
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

29 Perfluorodecanesulfonic acid, CAS: 335-77-3

Signal: 2

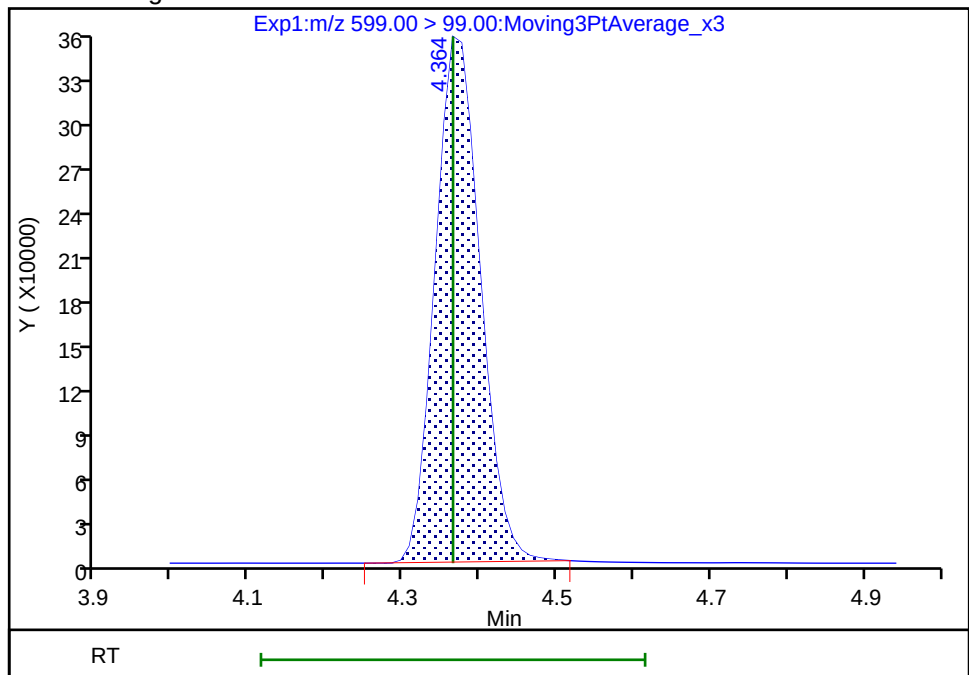
RT: 4.36
Area: 1460435
Amount: 9.460528
Amount Units: ng/ml

Processing Integration Results



RT: 4.36
Area: 1439627
Amount: 9.375786
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:12:45

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

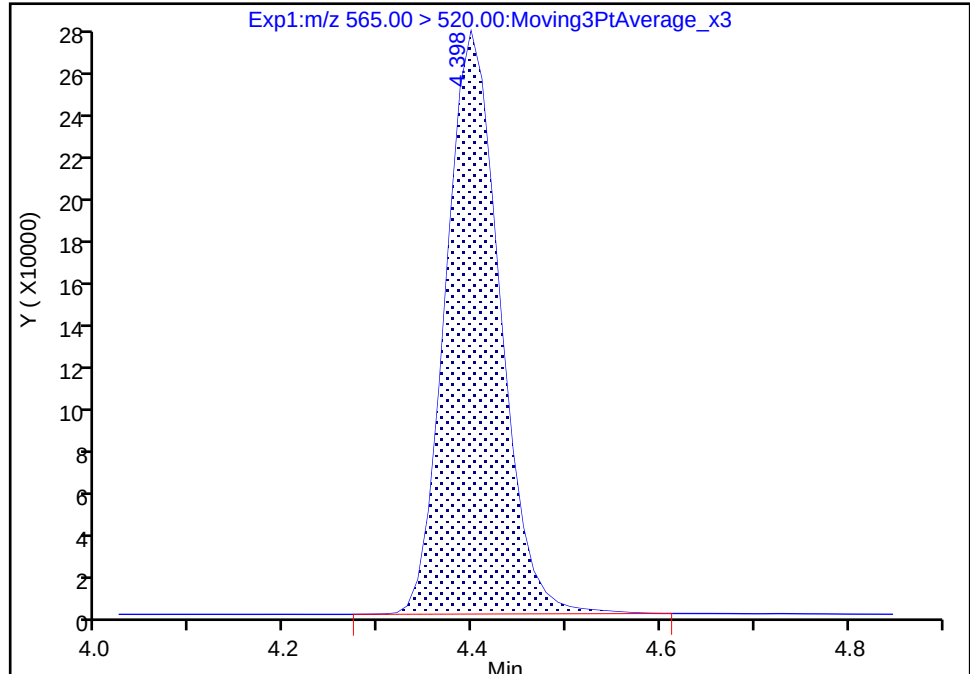
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 30 13C2 PFUnA, CAS: STL00997

Signal: 1

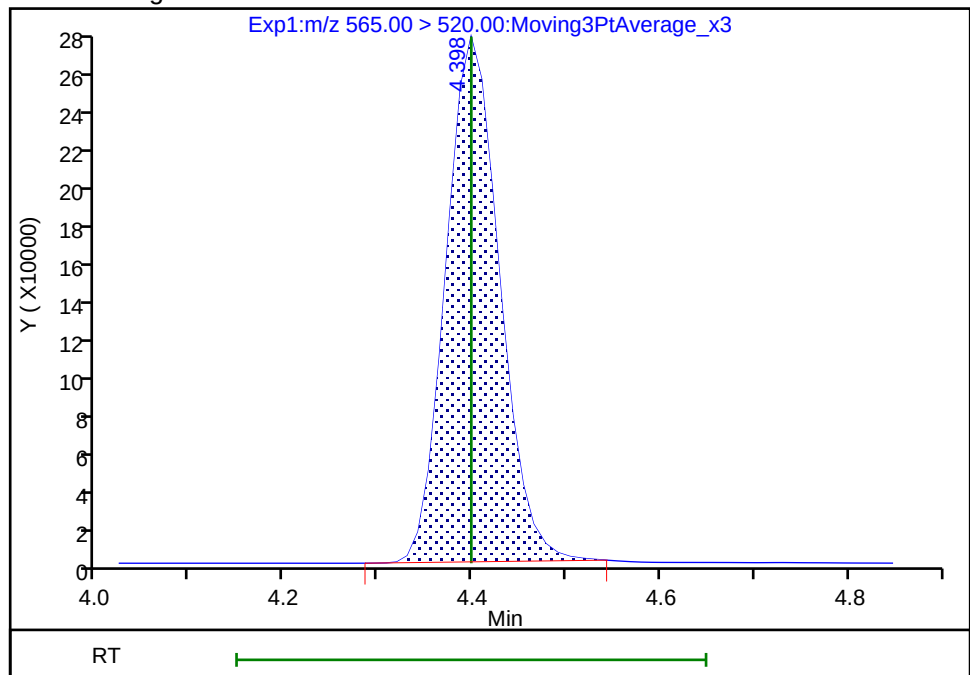
RT: 4.40
Area: 1109215
Amount: 1.242493
Amount Units: ng/ml

Processing Integration Results



RT: 4.40
Area: 1097436
Amount: 1.231466
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:12:50
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

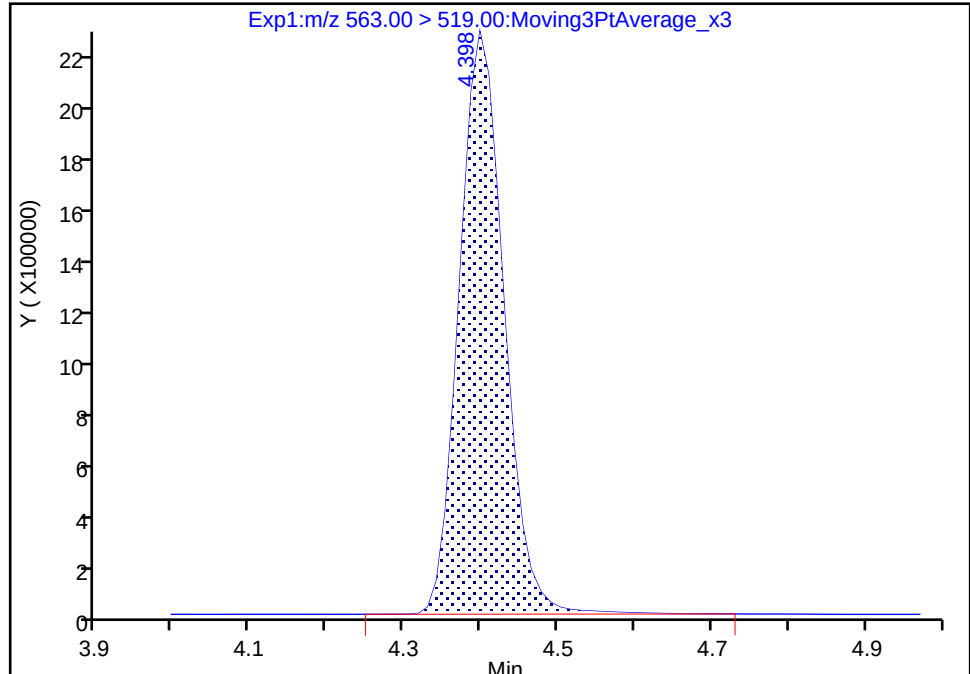
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

31 Perfluoroundecanoic acid, CAS: 2058-94-8

Signal: 1

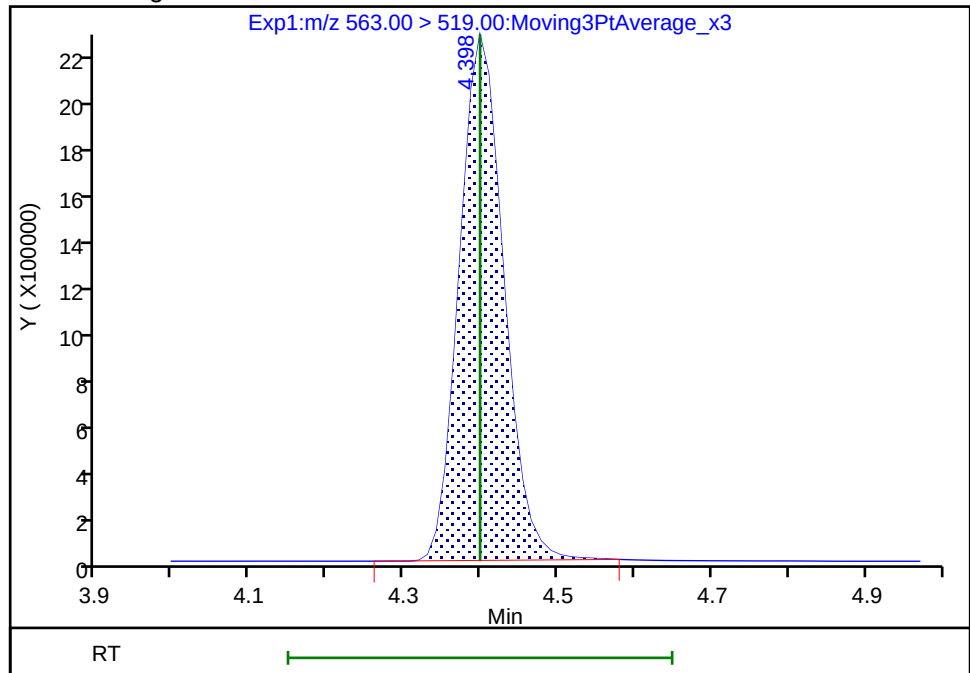
RT: 4.40
Area: 8923143
Amount: 9.579770
Amount Units: ng/ml

Processing Integration Results



RT: 4.40
Area: 8843669
Amount: 9.507968
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:12:54
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

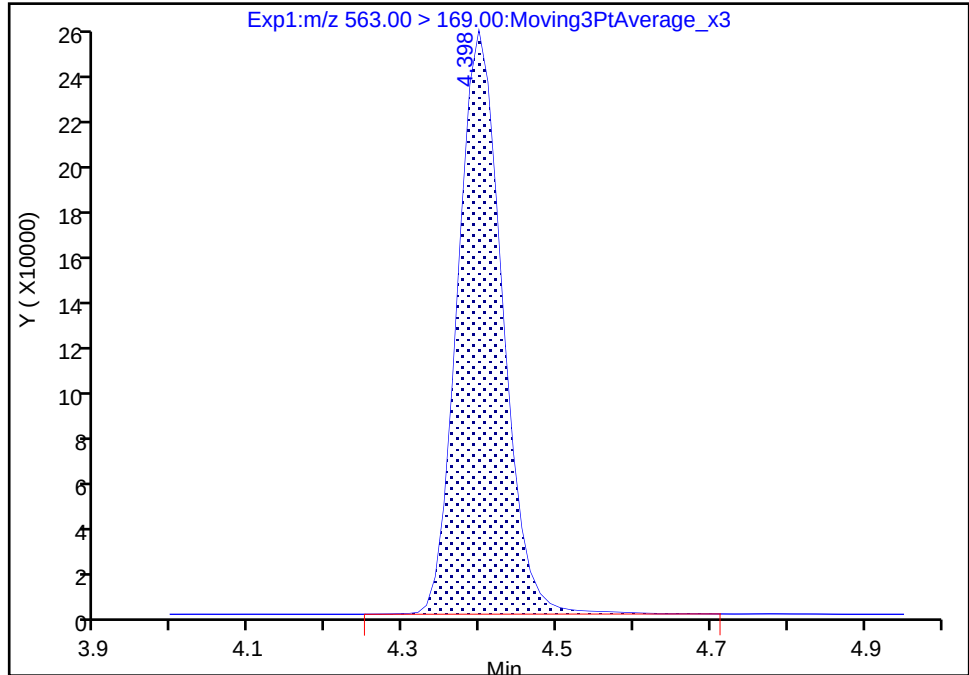
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

31 Perfluoroundecanoic acid, CAS: 2058-94-8

Signal: 2

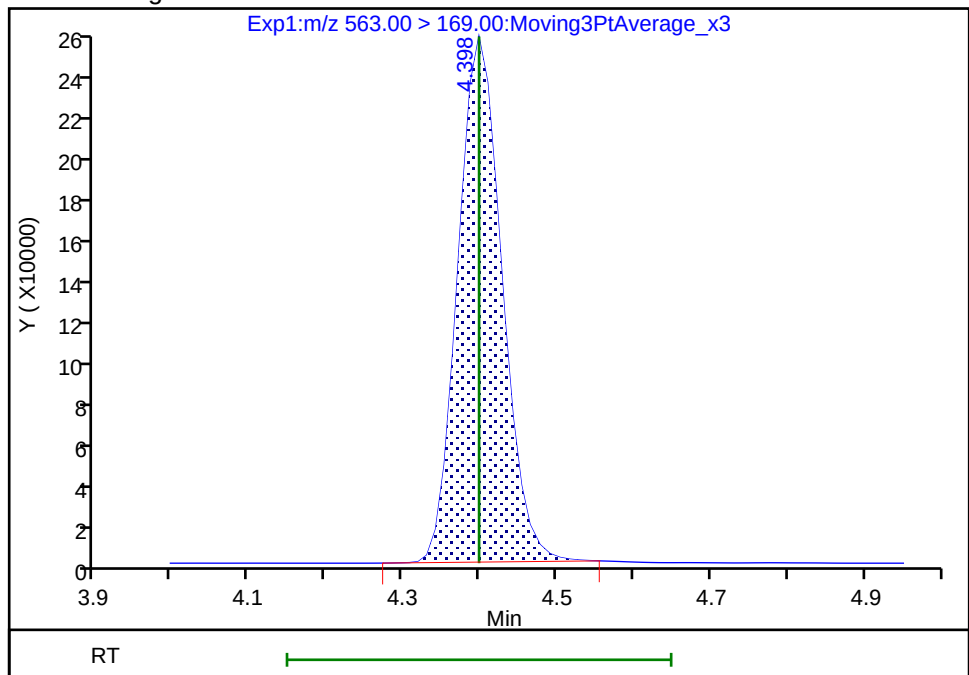
RT: 4.40
Area: 1041836
Amount: 9.579770
Amount Units: ng/ml

Processing Integration Results



RT: 4.40
Area: 1029859
Amount: 9.507968
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:12:58

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

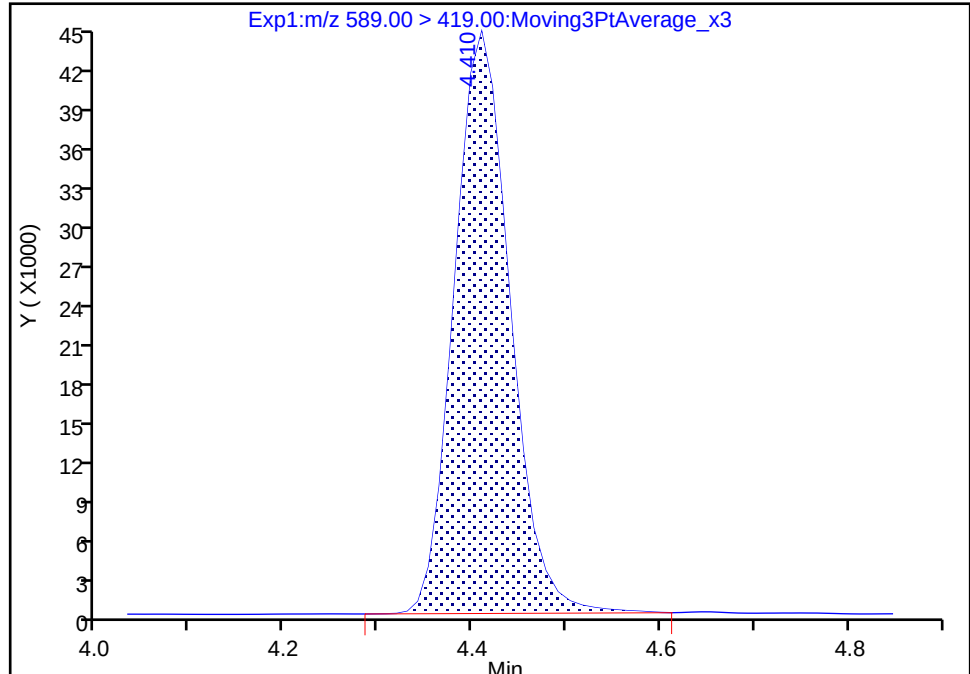
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 32 d5-NEtFOSAA, CAS: STL02117

Signal: 1

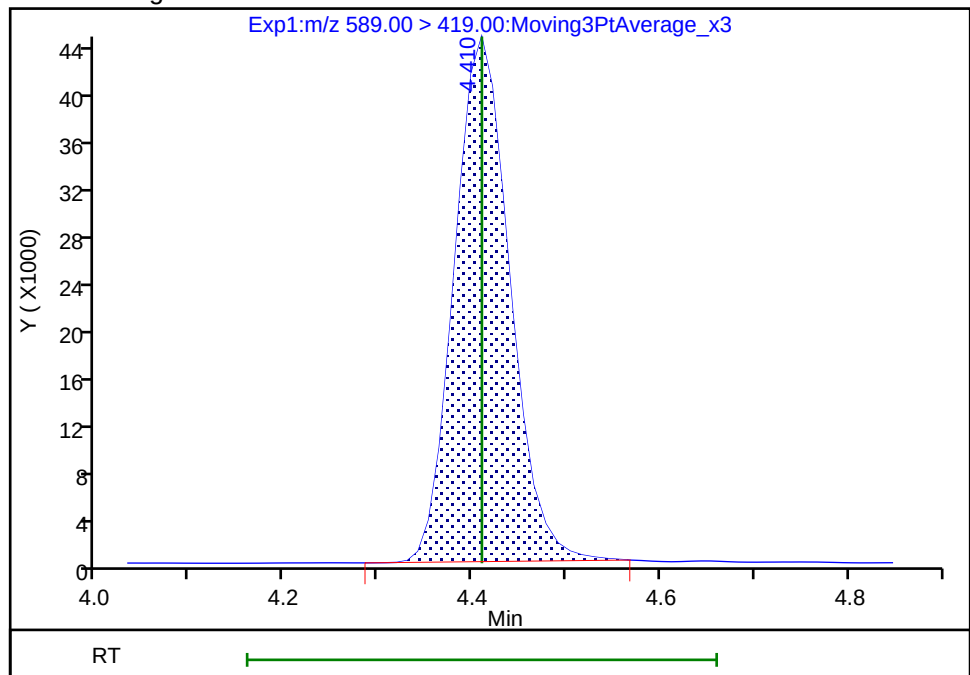
RT: 4.41
Area: 185089
Amount: 1.238722
Amount Units: ng/ml

Processing Integration Results



RT: 4.41
Area: 183559
Amount: 1.230162
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:13:07
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

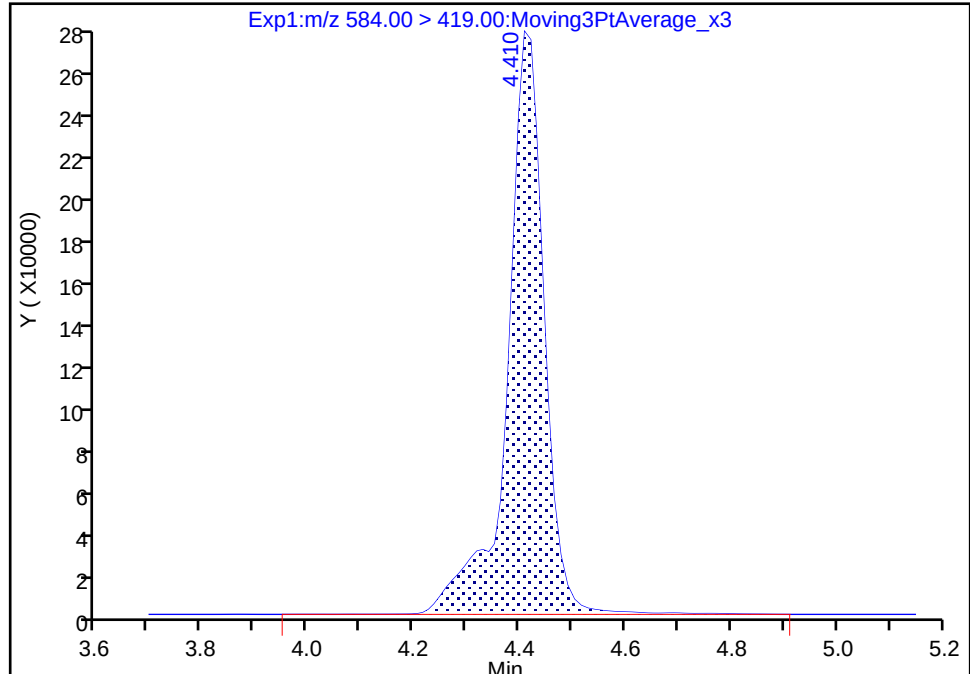
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

33 N-ethylperfluorooctanesulfonamid, CAS: 2991-50-6

Signal: 1

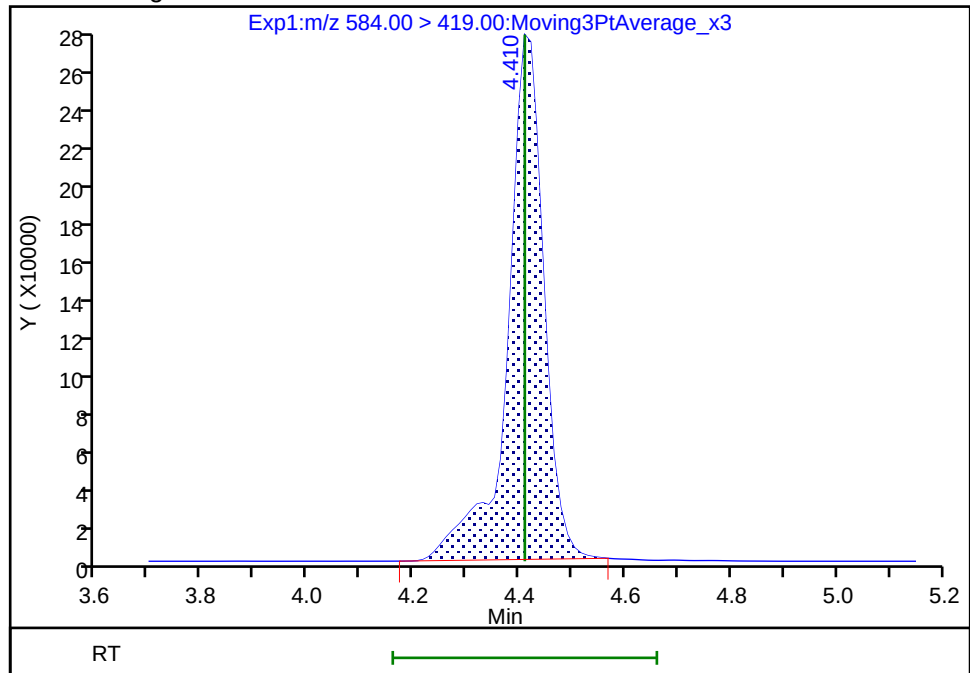
RT: 4.41
Area: 1344767
Amount: 9.980829
Amount Units: ng/ml

Processing Integration Results



RT: 4.41
Area: 1315871
Amount: 9.869656
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:13:02
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

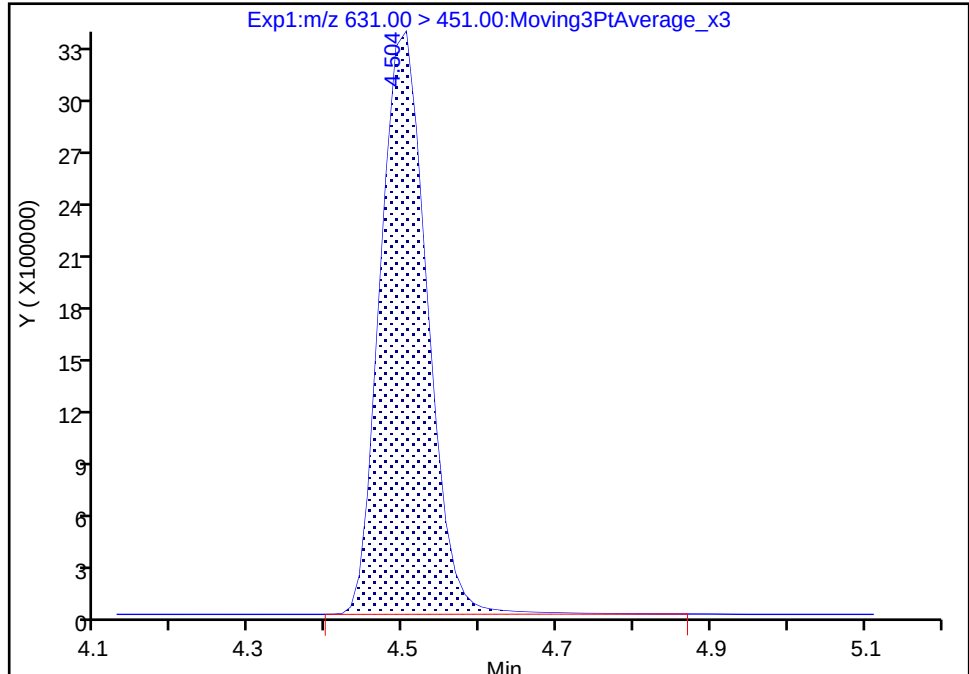
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

66 11-Chloroeicosafluoro-3-oxaundec, CAS: 763051-92-9

Signal: 1

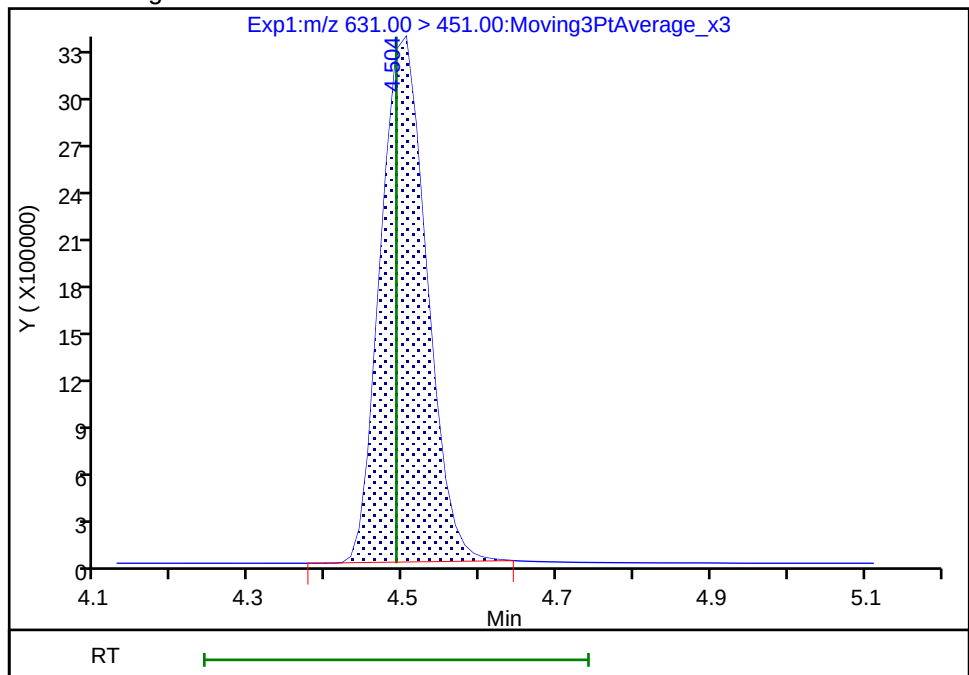
RT: 4.50
Area: 14136157
Amount: 8.930308
Amount Units: ng/ml

Processing Integration Results



RT: 4.50
Area: 13952793
Amount: 8.832573
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:13:11
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

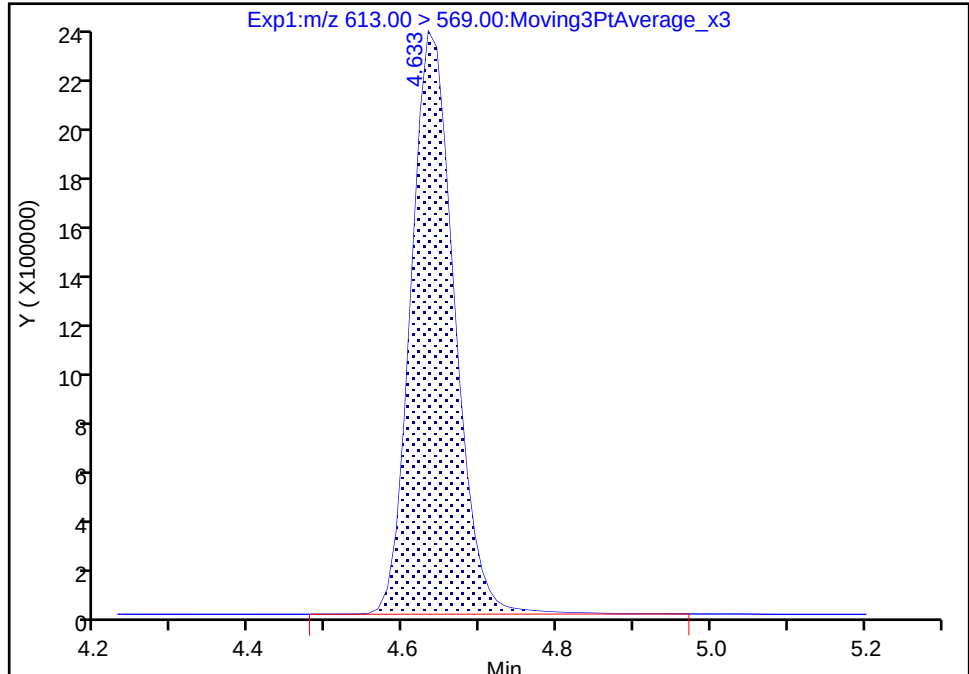
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

37 Perfluorododecanoic acid, CAS: 307-55-1

Signal: 1

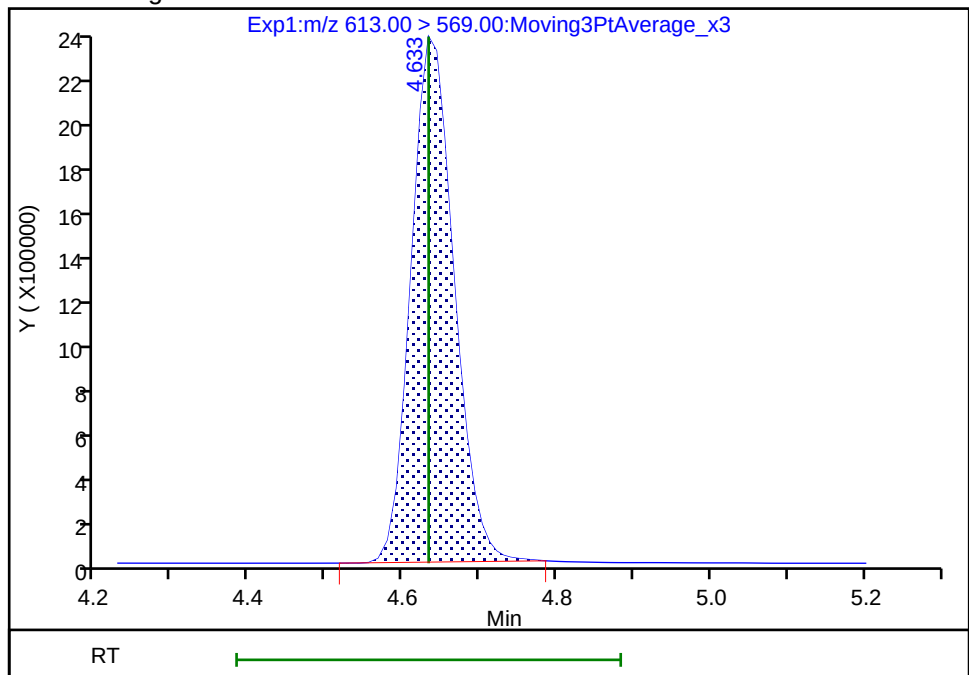
RT: 4.63
Area: 9347248
Amount: 9.510128
Amount Units: ng/ml

Processing Integration Results



RT: 4.63
Area: 9235605
Amount: 9.414362
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:13:17
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

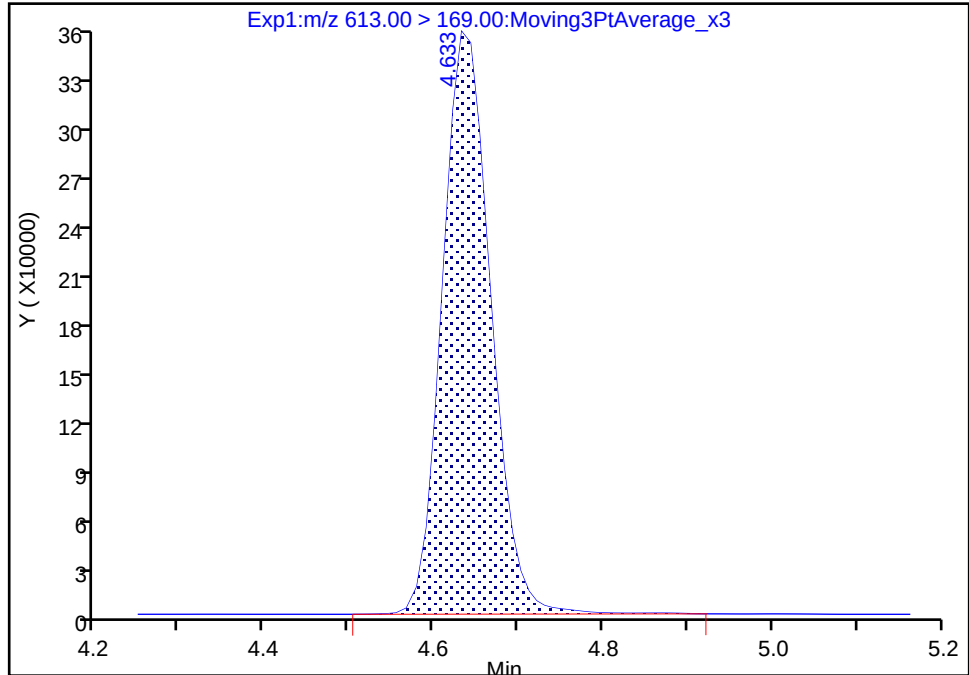
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

37 Perfluorododecanoic acid, CAS: 307-55-1

Signal: 2

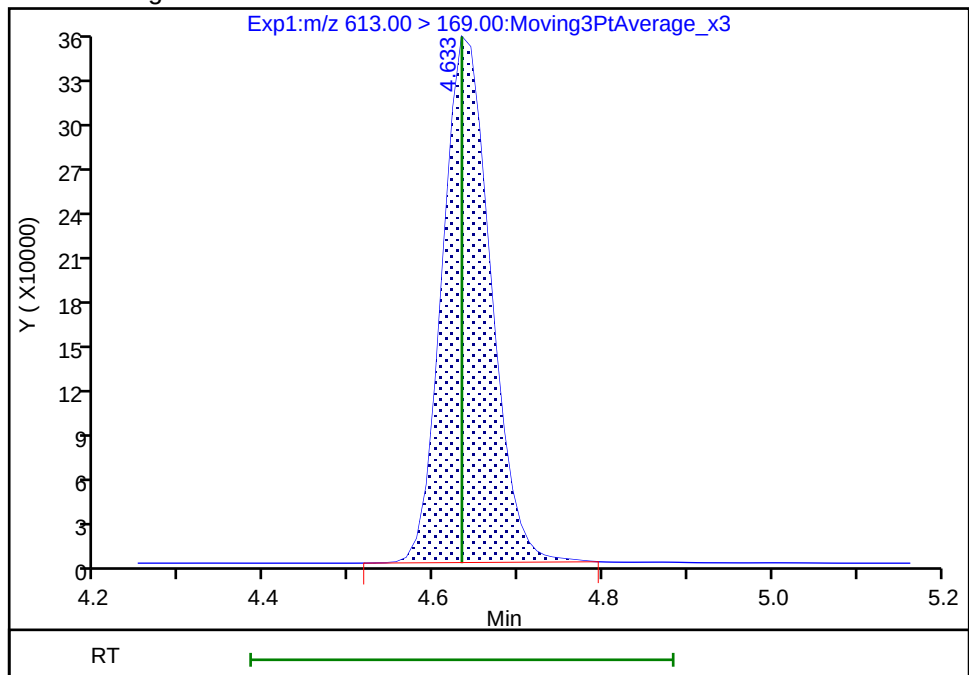
RT: 4.63
Area: 1418381
Amount: 9.510128
Amount Units: ng/ml

Processing Integration Results



RT: 4.63
Area: 1408846
Amount: 9.414362
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:13:23

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

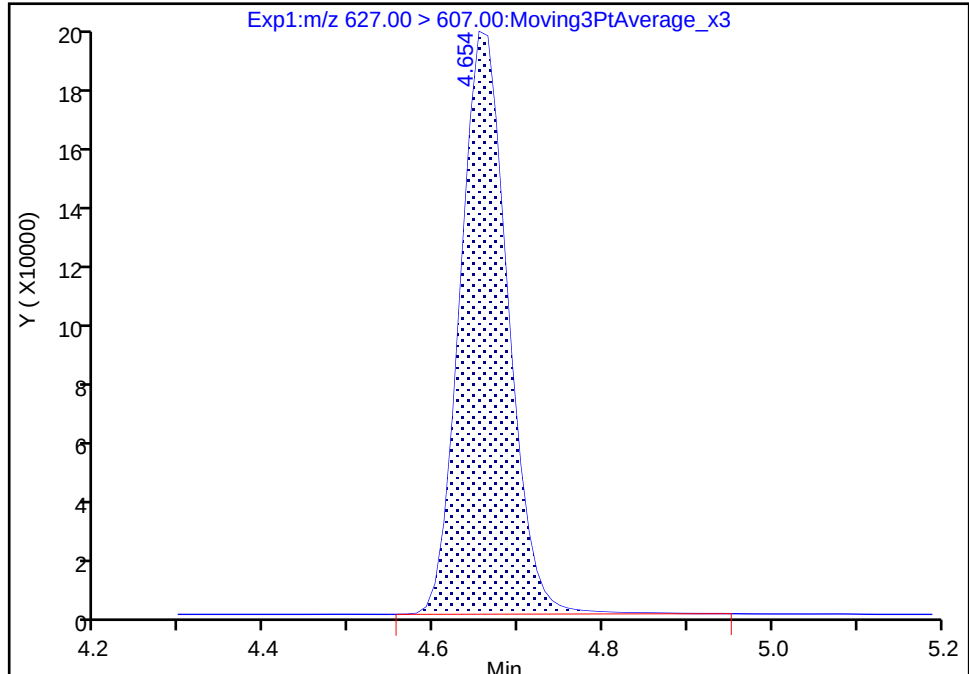
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

74 1H,1H,2H,2H-perfluorododecanesul, CAS: 120226-60-0

Signal: 1

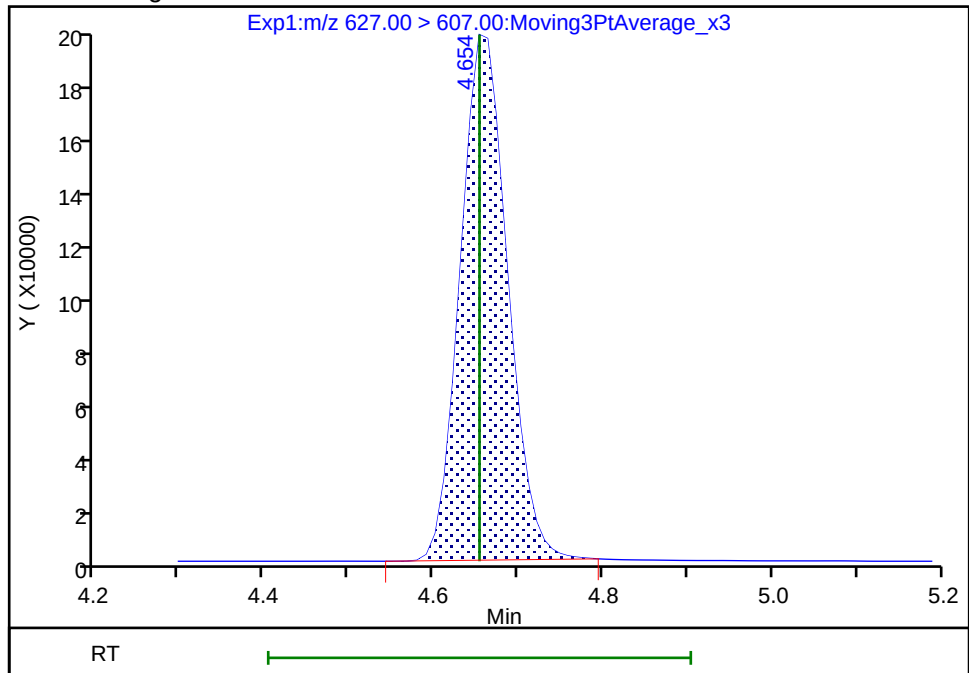
RT: 4.65
Area: 753335
Amount: 9.004924
Amount Units: ng/ml

Processing Integration Results



RT: 4.65
Area: 745570
Amount: 8.926431
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:13:27
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

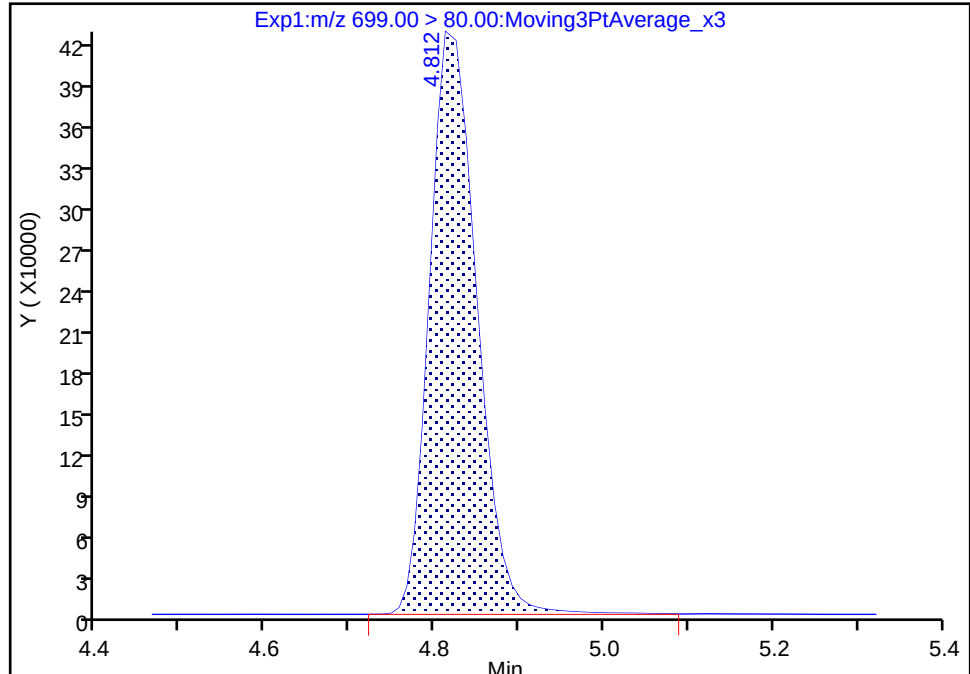
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

75 Perfluorododecanesulfonic acid (, CAS: 79780-39-5

Signal: 1

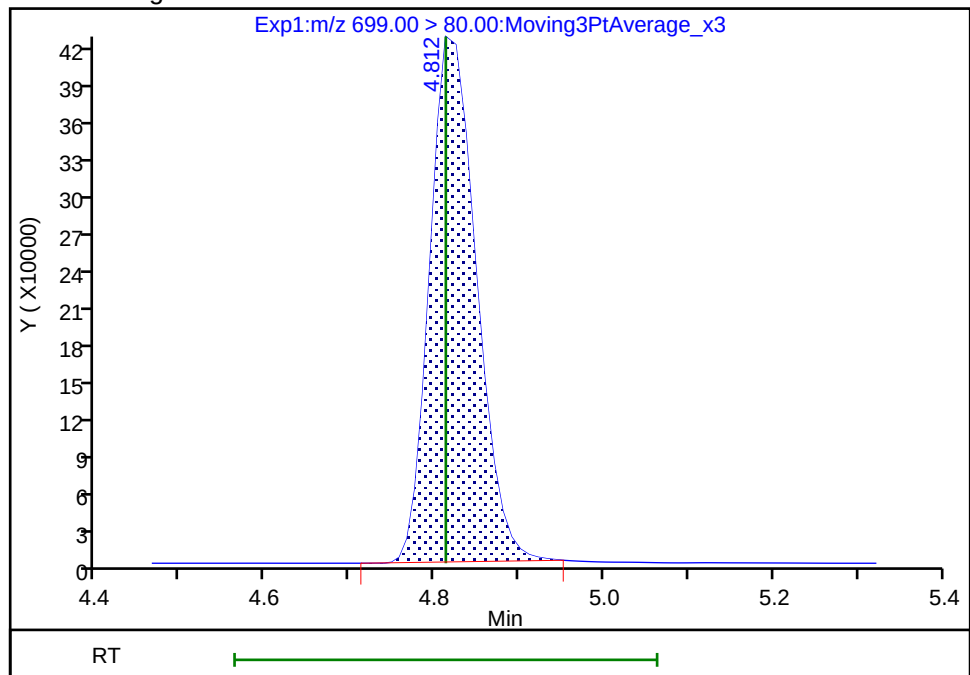
RT: 4.81
Area: 1655766
Amount: 9.292685
Amount Units: ng/ml

Processing Integration Results



RT: 4.81
Area: 1630442
Amount: 9.173006
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:13:32
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

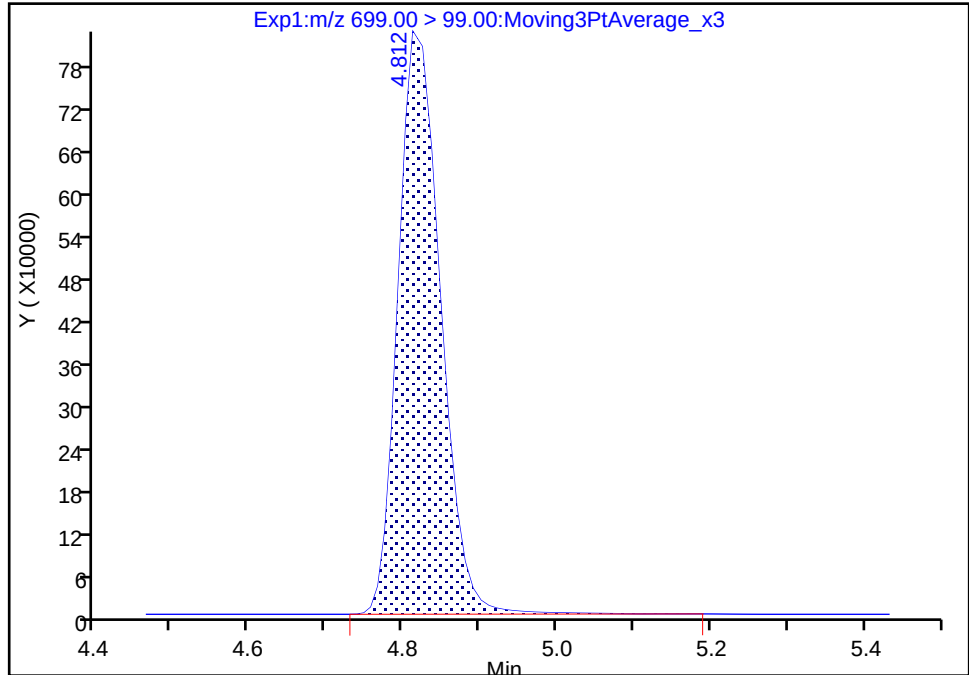
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

75 Perfluorododecanesulfonic acid (, CAS: 79780-39-5

Signal: 2

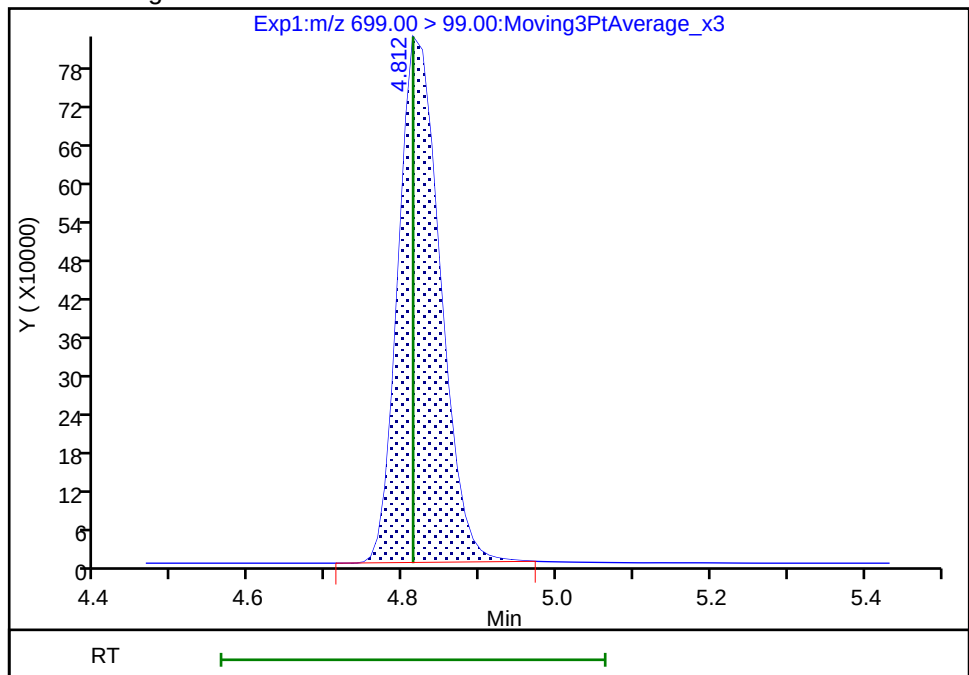
RT: 4.81
Area: 3159864
Amount: 9.292685
Amount Units: ng/ml

Processing Integration Results



RT: 4.81
Area: 3129781
Amount: 9.173006
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:13:35

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

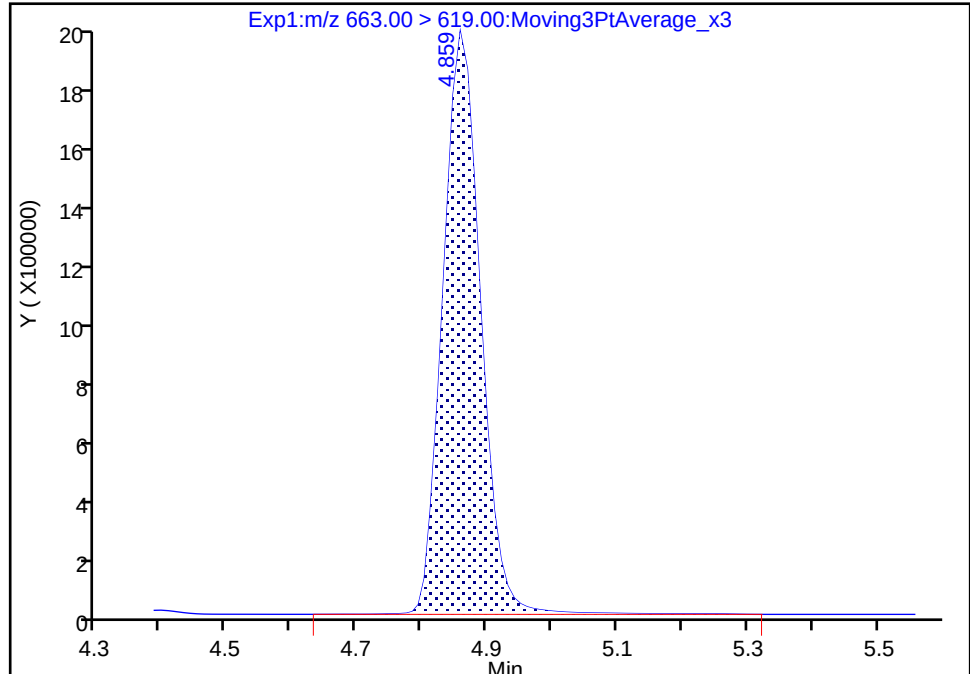
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

41 Perfluorotridecanoic acid, CAS: 72629-94-8

Signal: 1

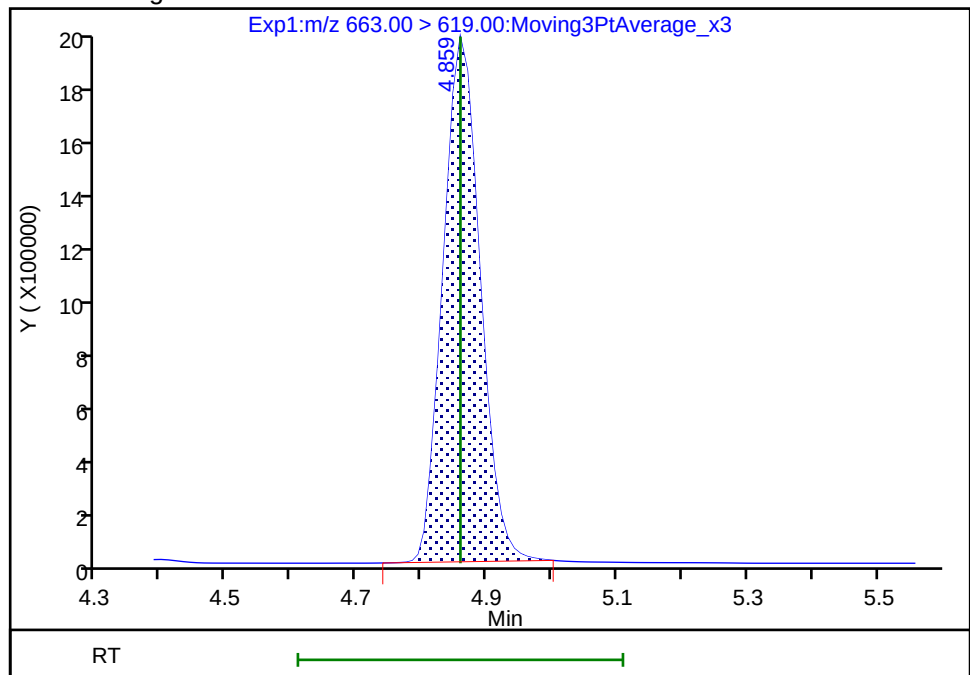
RT: 4.86
Area: 7731410
Amount: 9.065328
Amount Units: ng/ml

Processing Integration Results



RT: 4.86
Area: 7584486
Amount: 8.918662
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:13:39
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

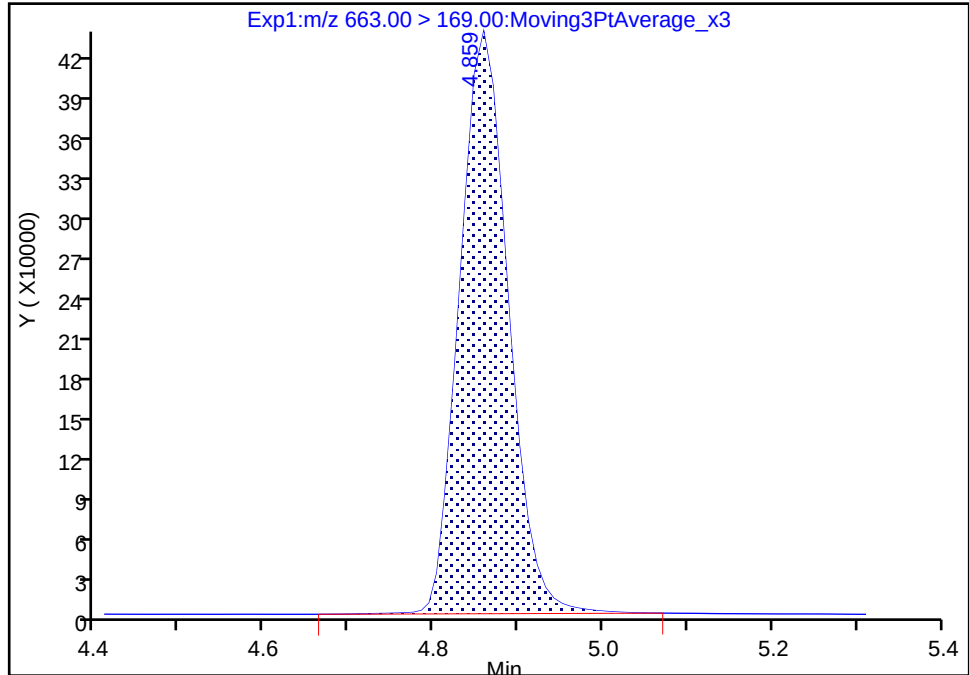
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

41 Perfluorotridecanoic acid, CAS: 72629-94-8

Signal: 2

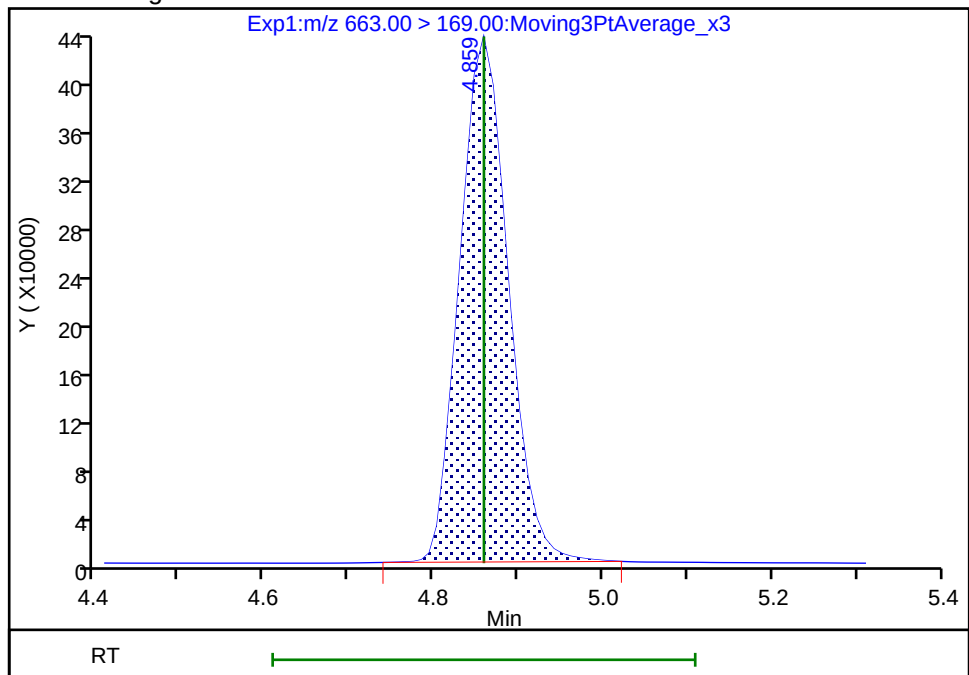
RT: 4.86
Area: 1733789
Amount: 9.065328
Amount Units: ng/ml

Processing Integration Results



RT: 4.86
Area: 1722893
Amount: 8.918662
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:13:43

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

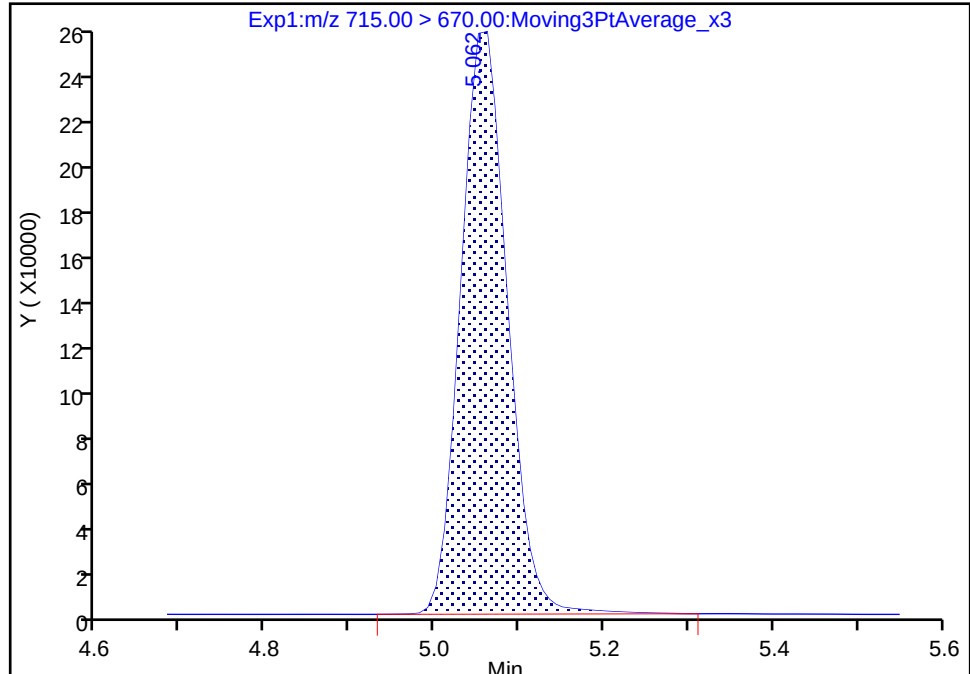
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 43 13C2 PFTeDA, CAS: STL02116

Signal: 1

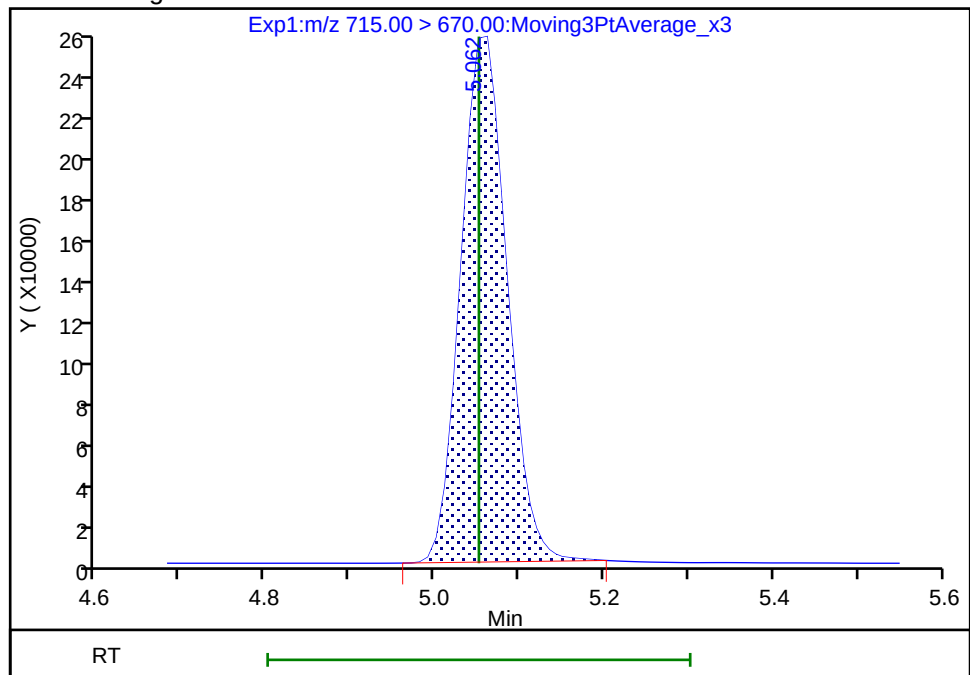
RT: 5.06
Area: 960549
Amount: 1.269935
Amount Units: ng/ml

Processing Integration Results



RT: 5.06
Area: 949490
Amount: 1.257766
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:13:49
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

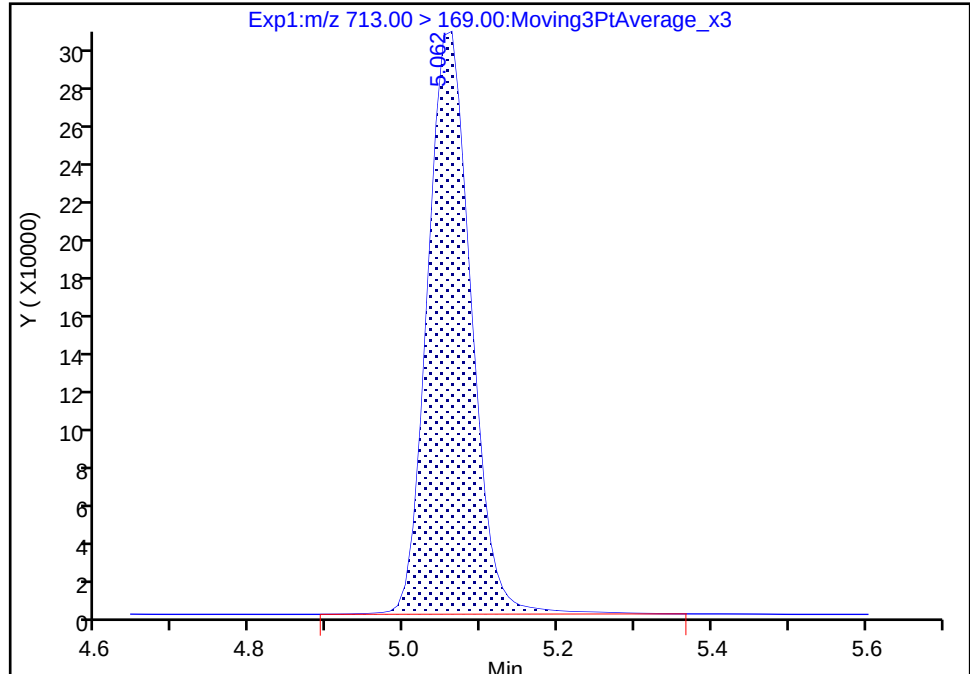
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

42 Perfluorotetradecanoic acid, CAS: 376-06-7

Signal: 1

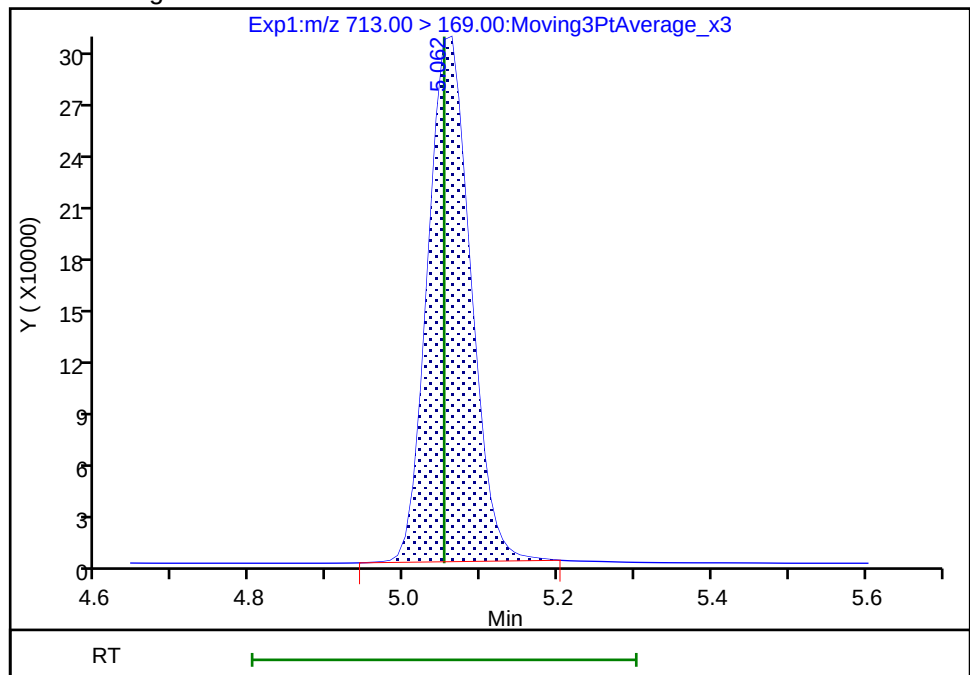
RT: 5.06
Area: 1182750
Amount: 9.693925
Amount Units: ng/ml

Processing Integration Results



RT: 5.06
Area: 1163895
Amount: 9.564021
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:13:53
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

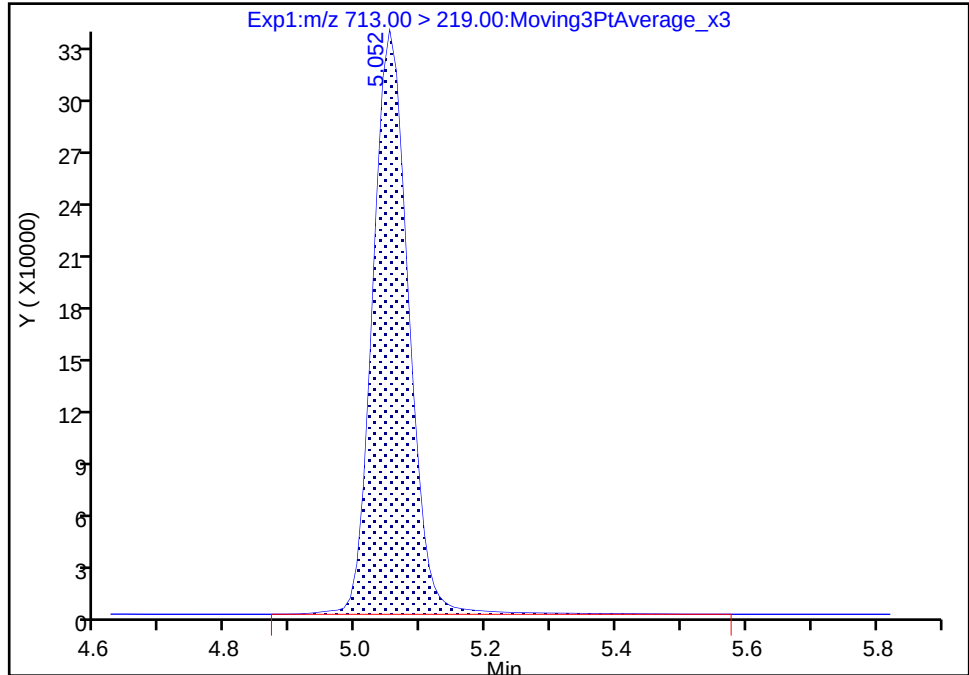
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

42 Perfluorotetradecanoic acid, CAS: 376-06-7

Signal: 2

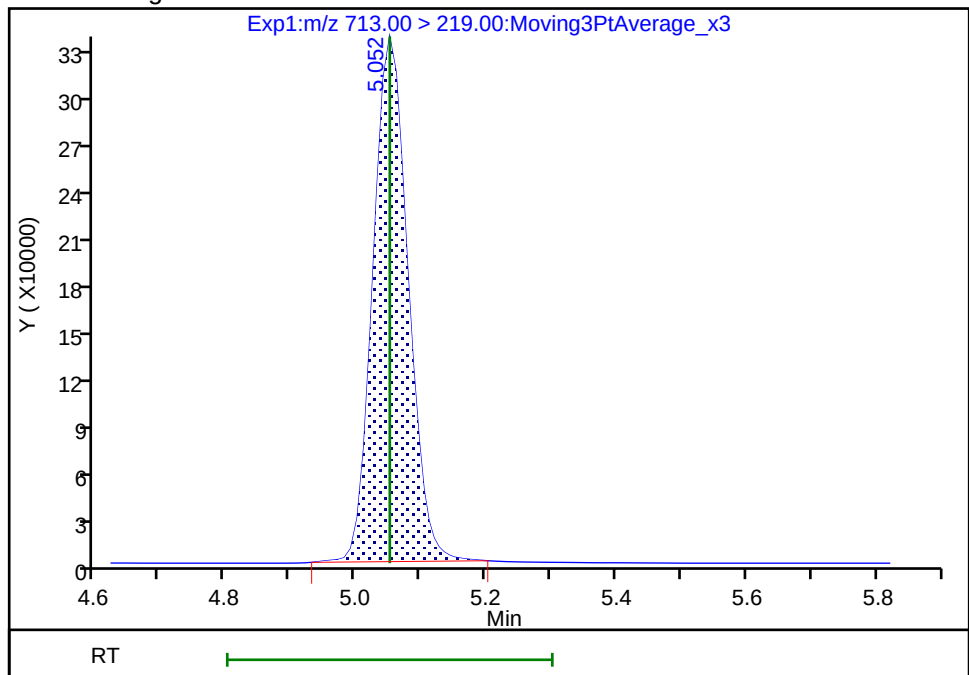
RT: 5.05
Area: 1278596
Amount: 9.693925
Amount Units: ng/ml

Processing Integration Results



RT: 5.05
Area: 1252704
Amount: 9.564021
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:13:57

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

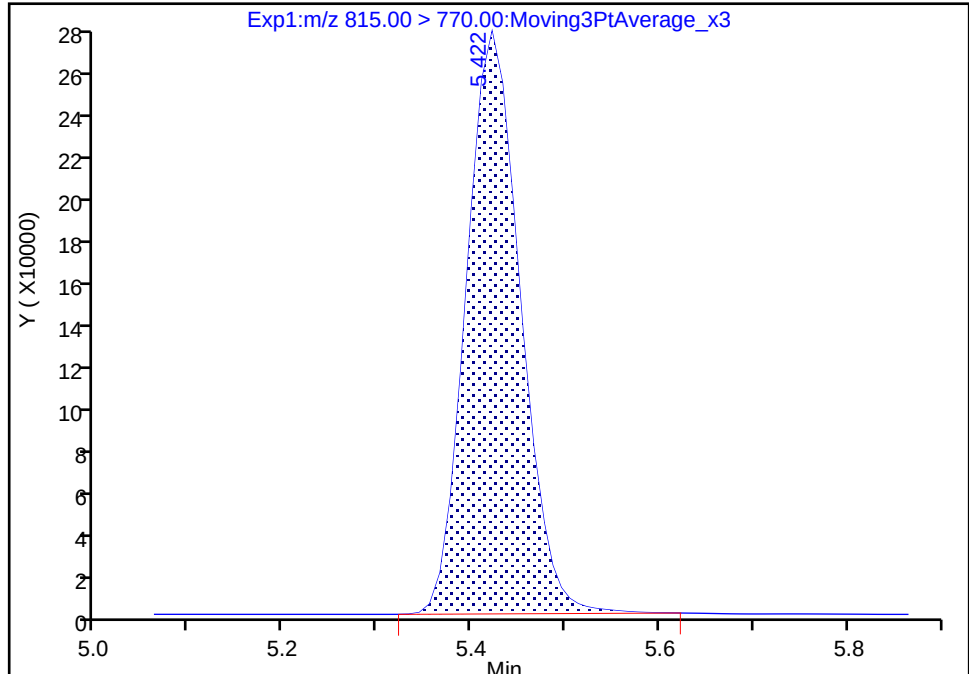
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 44 13C2 PFHxDA, CAS: STL02115

Signal: 1

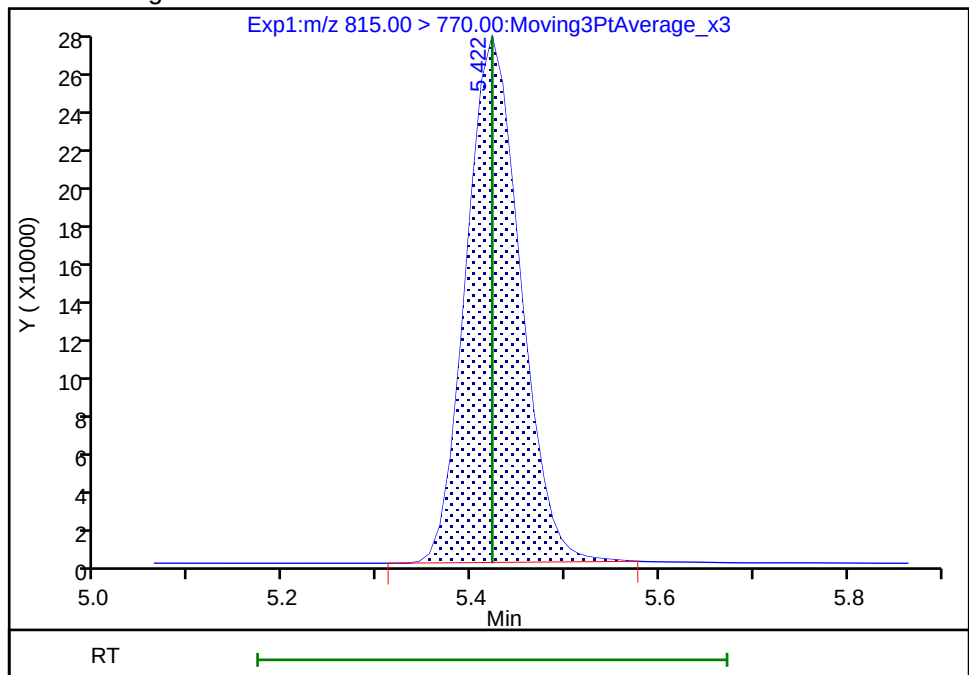
RT: 5.42
Area: 1084390
Amount: 1.260184
Amount Units: ng/ml

Processing Integration Results



RT: 5.42
Area: 1080090
Amount: 1.256024
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:14:11
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

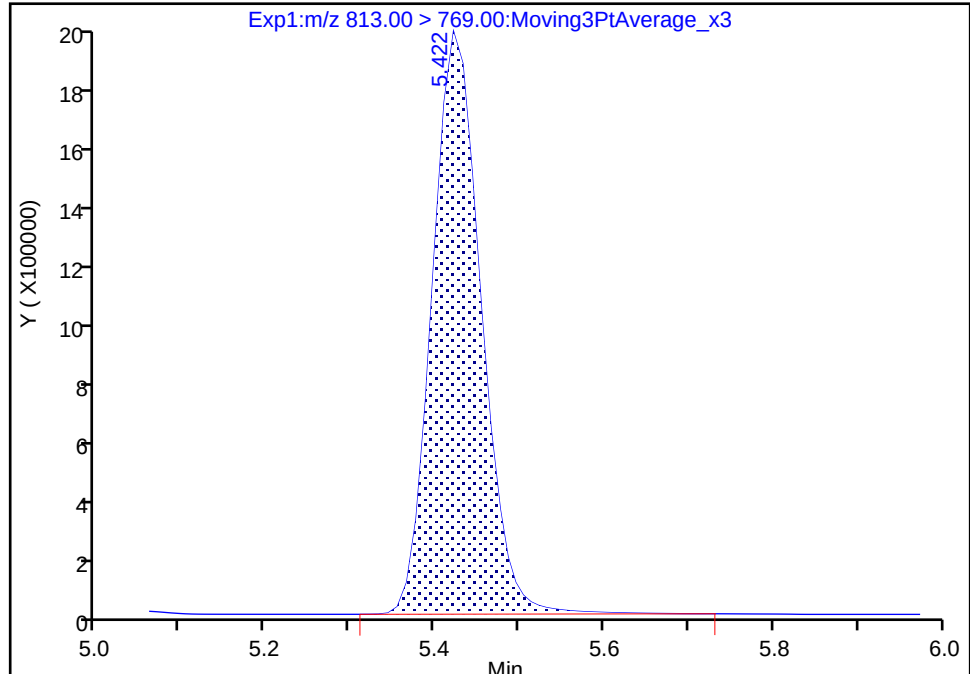
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

45 Perfluorohexadecanoic acid, CAS: 67905-19-5

Signal: 1

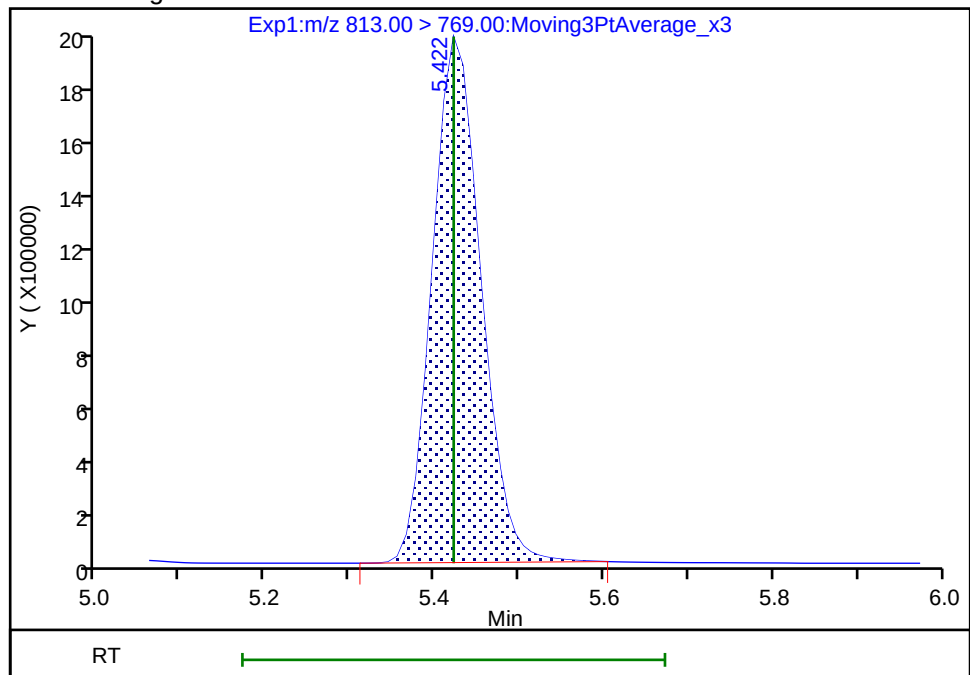
RT: 5.42
Area: 7776335
Amount: 9.985764
Amount Units: ng/ml

Processing Integration Results



RT: 5.42
Area: 7724125
Amount: 9.978557
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:14:01
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

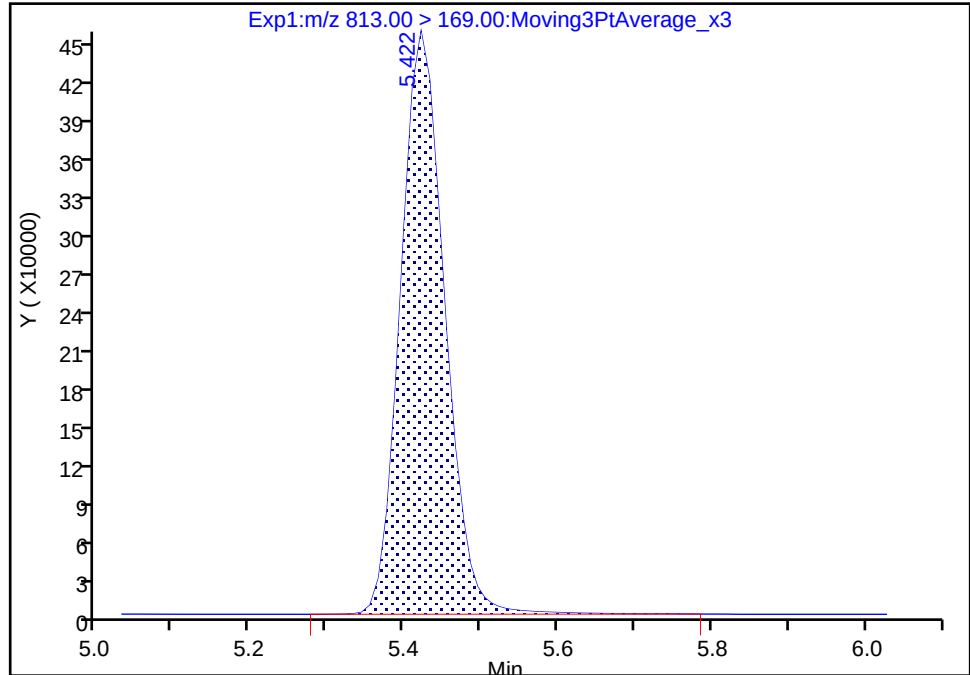
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

45 Perfluorohexadecanoic acid, CAS: 67905-19-5

Signal: 2

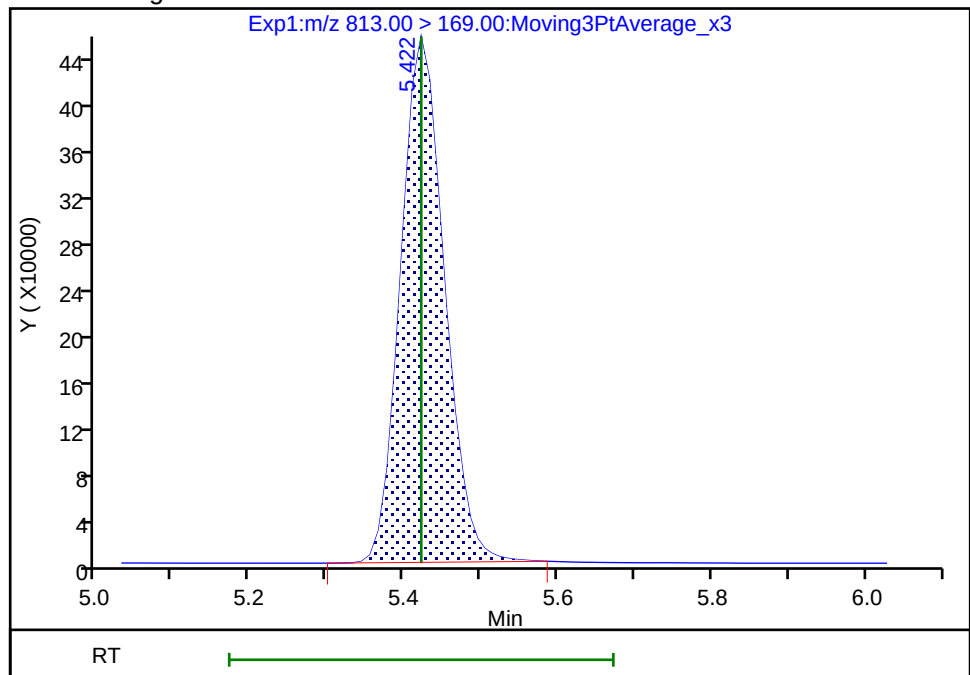
RT: 5.42
Area: 1820798
Amount: 9.985764
Amount Units: ng/ml

Processing Integration Results



RT: 5.42
Area: 1801906
Amount: 9.978557
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:14:06

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

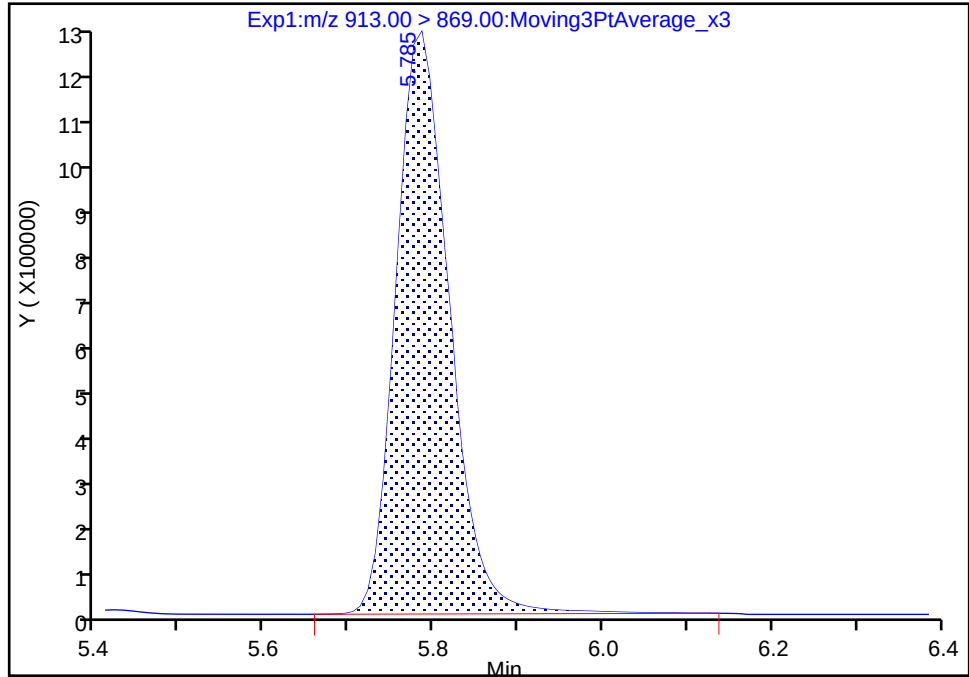
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

46 Perfluorooctadecanoic acid, CAS: 16517-11-6

Signal: 1

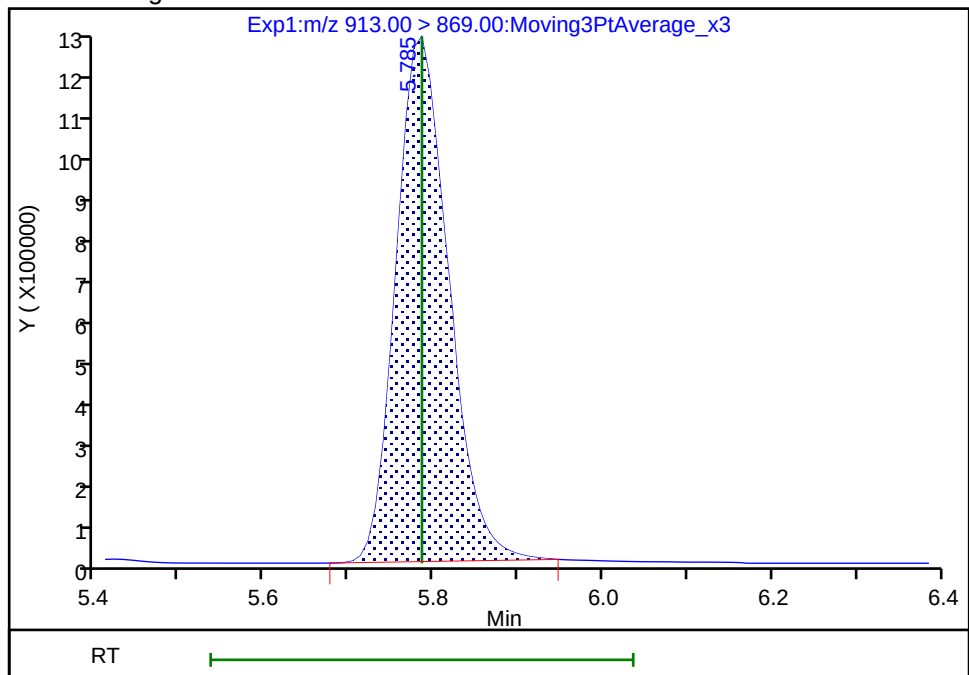
RT: 5.79
Area: 5347373
Amount: 9.283155
Amount Units: ng/ml

Processing Integration Results



RT: 5.79
Area: 5256805
Amount: 9.149904
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:14:15
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

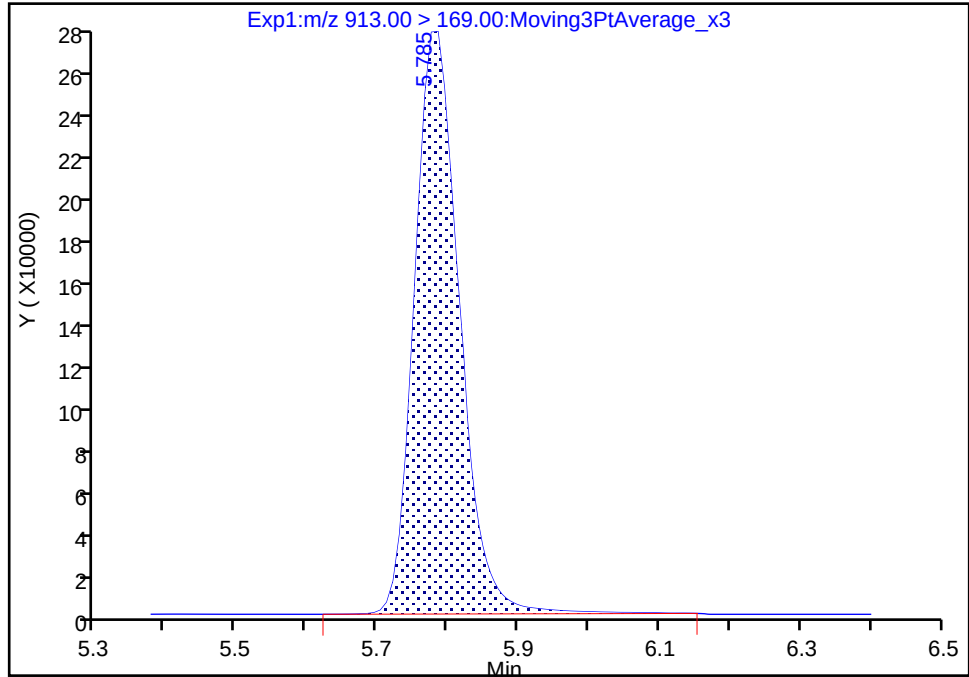
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
Injection Date: 03-Aug-2022 13:41:11 Instrument ID: LC812
Lims ID: IC
Client ID:
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 10
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

46 Perfluorooctadecanoic acid, CAS: 16517-11-6

Signal: 2

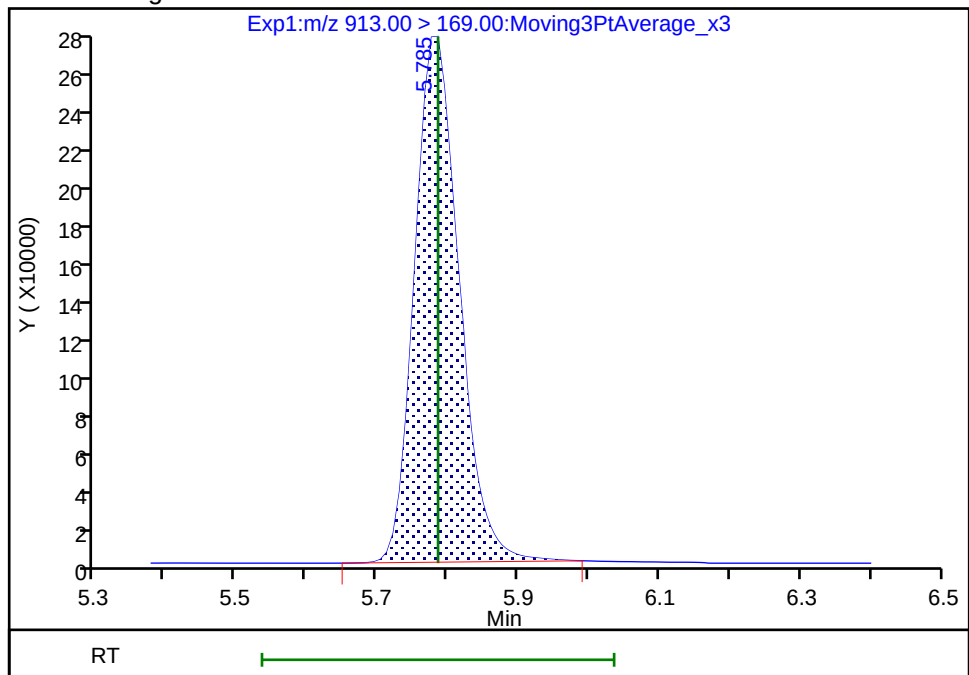
RT: 5.79
Area: 1219269
Amount: 9.283155
Amount Units: ng/ml

Processing Integration Results



RT: 5.79
Area: 1205334
Amount: 9.149904
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 14:14:19

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Calibration

/ Perfluorobutanoic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

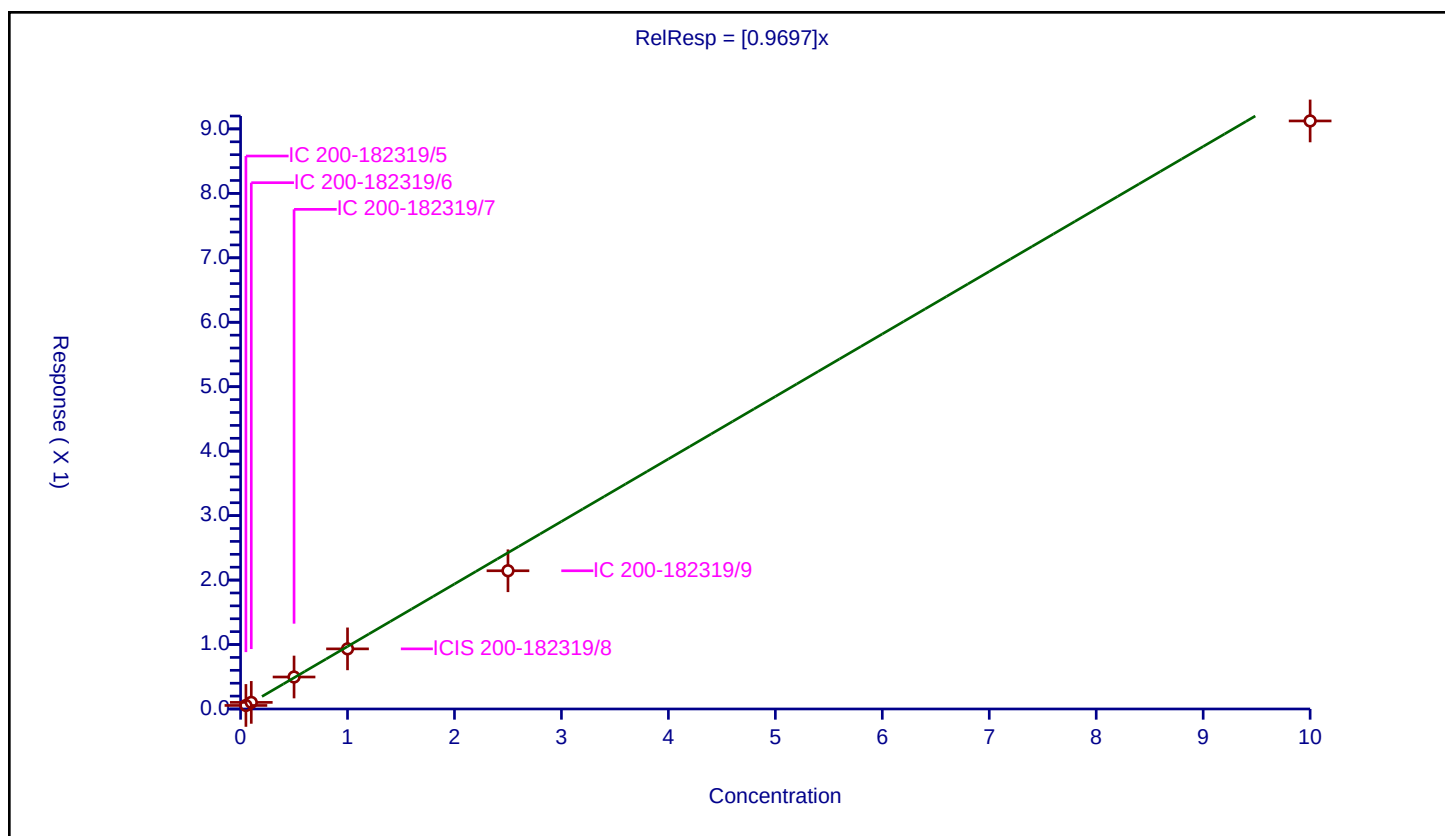
Curve Coefficients

Intercept: 0
 Slope: 0.9697

Error Coefficients

Standard Error: 6110000
 Relative Standard Error: 8.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-182319/5	0.05	0.054973	1.25	1801086.0	1.099462	Y
2	IC 200-182319/6	0.1	0.102292	1.25	1889069.0	1.022925	Y
3	IC 200-182319/7	0.5	0.496265	1.25	1792010.0	0.992531	Y
4	ICIS 200-182319/8	1.0	0.932949	1.25	1990166.0	0.932949	Y
5	IC 200-182319/9	2.5	2.144777	1.25	1857803.0	0.857911	Y
6	IC 200-182319/10	10.0	9.123656	1.25	1806199.0	0.912366	Y



Calibration

/ Perfluoropentanoic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

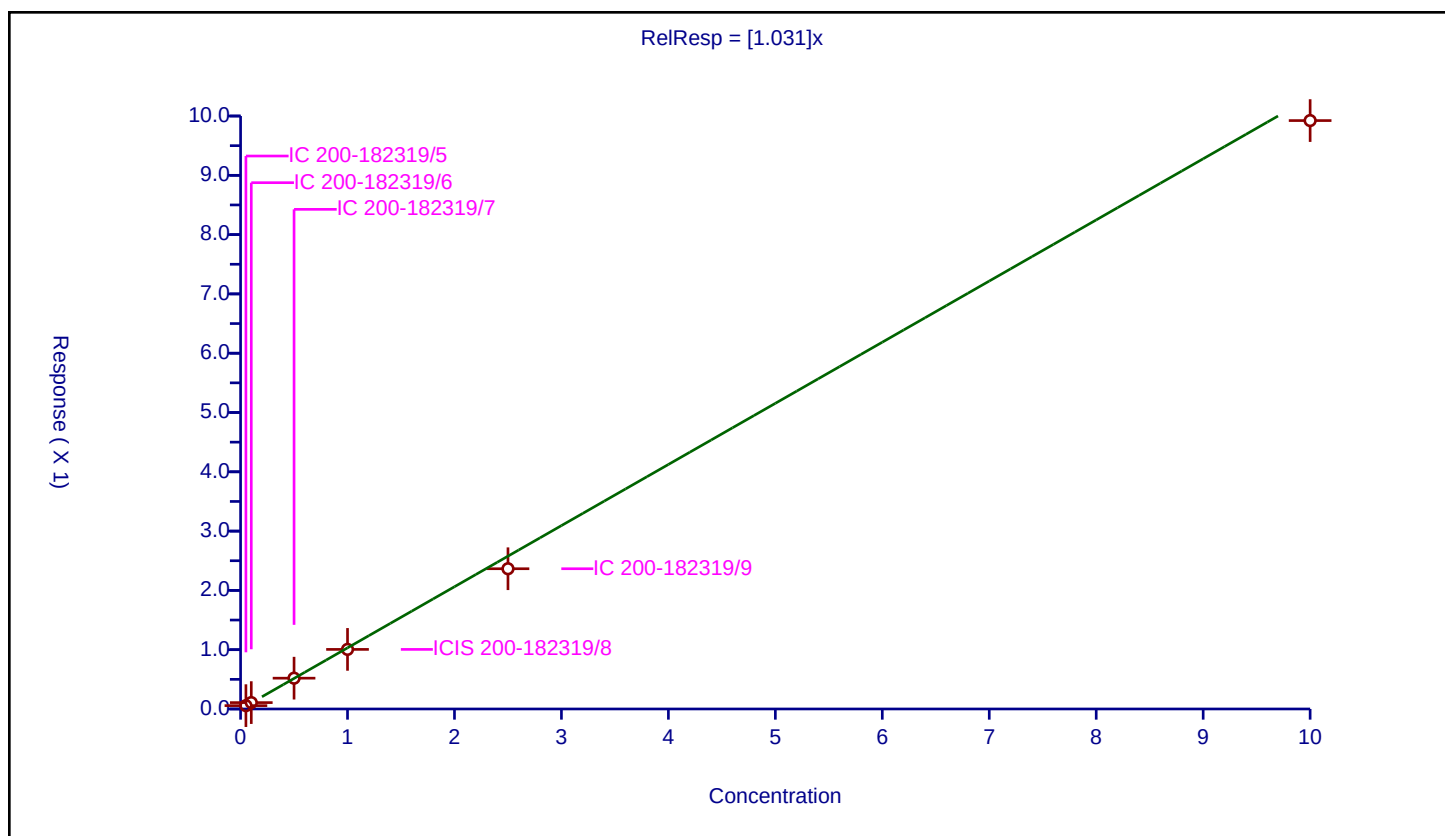
Curve Coefficients

Intercept: 0
 Slope: 1.031

Error Coefficients

Standard Error: 5000000
 Relative Standard Error: 6.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-182319/5	0.05	0.056224	1.25	1457461.0	1.12449	Y
2	IC 200-182319/6	0.1	0.10788	1.25	1467520.0	1.078801	Y
3	IC 200-182319/7	0.5	0.519568	1.25	1422776.0	1.039136	Y
4	ICIS 200-182319/8	1.0	1.00488	1.25	1448057.0	1.00488	Y
5	IC 200-182319/9	2.5	2.365051	1.25	1404065.0	0.94602	Y
6	IC 200-182319/10	10.0	9.922991	1.25	1356802.0	0.992299	Y



Calibration

/ Perfluorobutanesulfonic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

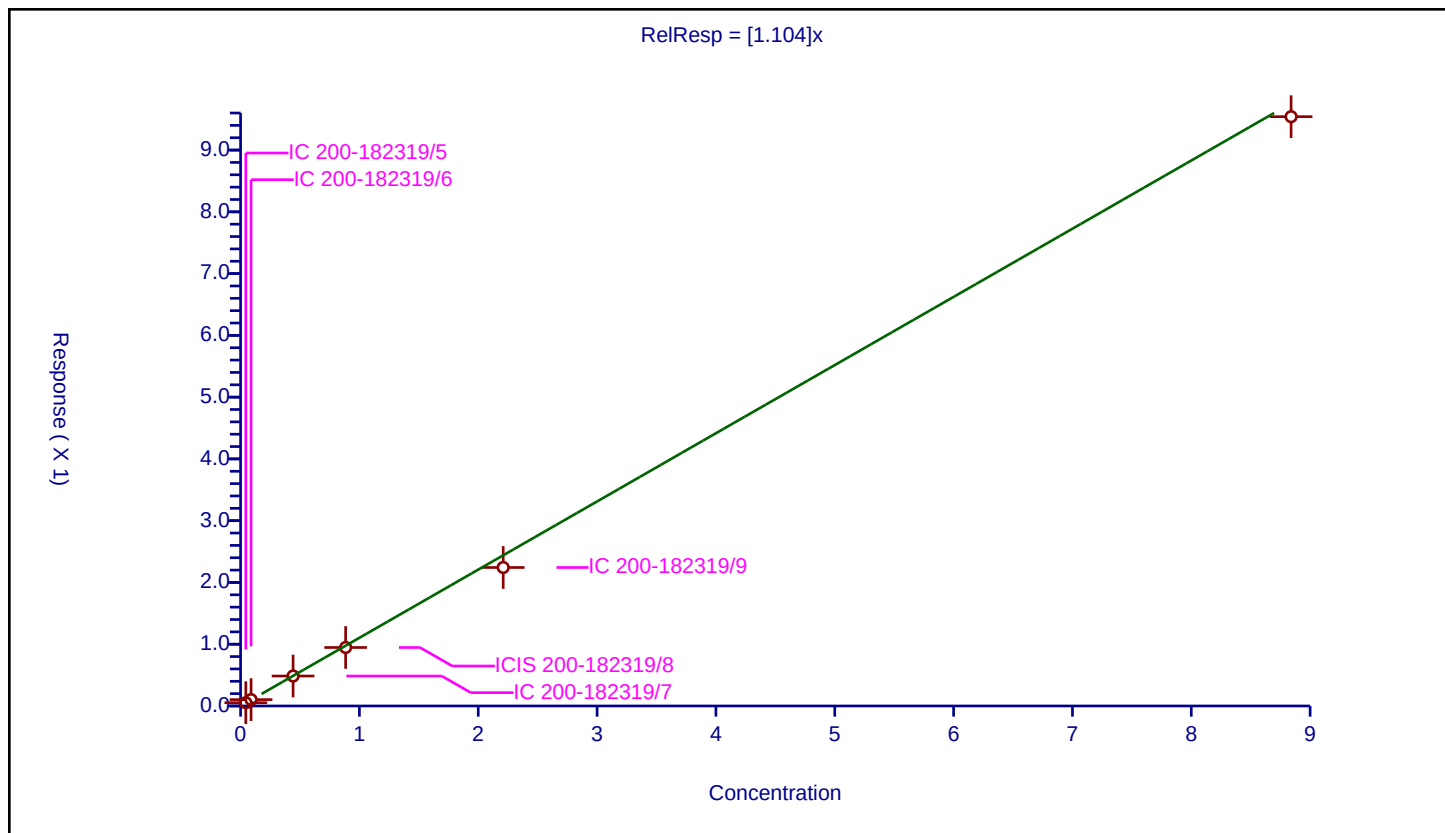
Curve Coefficients

Intercept: 0
 Slope: 1.104

Error Coefficients

Standard Error: 5530000
 Relative Standard Error: 6.0
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-182319/5	0.0442	0.052924	1.1625	1518638.0	1.197366	Y
2	IC 200-182319/6	0.0884	0.102801	1.1625	1552604.0	1.162905	Y
3	IC 200-182319/7	0.442	0.48518	1.1625	1530333.0	1.097692	Y
4	ICIS 200-182319/8	0.884	0.946966	1.1625	1606766.0	1.071229	Y
5	IC 200-182319/9	2.21	2.242248	1.1625	1554917.0	1.014592	Y
6	IC 200-182319/10	8.84	9.540802	1.1625	1451388.0	1.079276	Y



Calibration

/ 1H,1H,2H,2H-perfluorohexanesulfonic acid (4:2)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

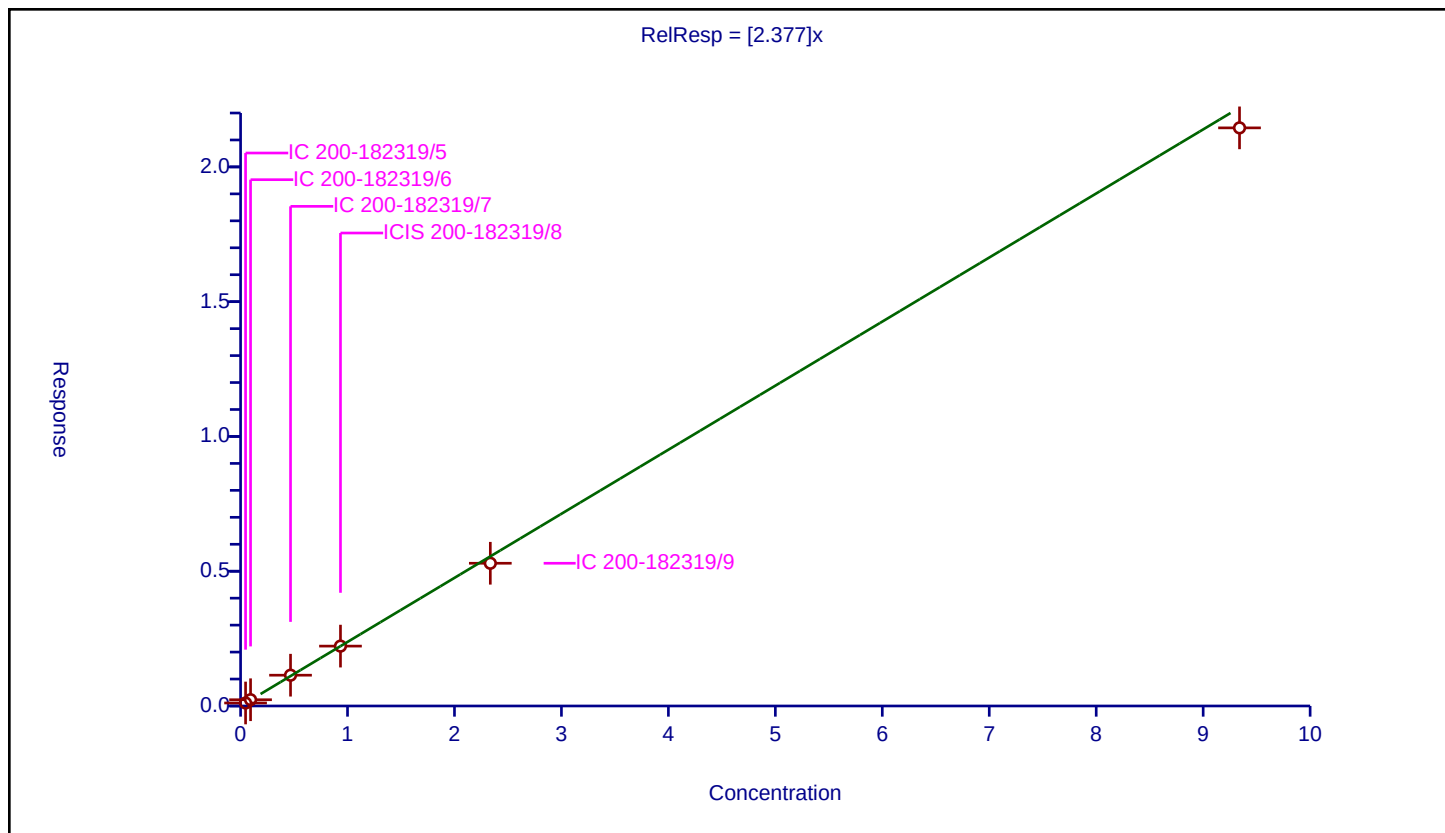
Curve Coefficients

Intercept: 0
 Slope: 2.377

Error Coefficients

Standard Error: 1100000
 Relative Standard Error: 3.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-182319/5	0.0467	0.111595	1.1675	128546.0	2.389612	Y
2	IC 200-182319/6	0.0934	0.231848	1.1675	135136.0	2.482314	Y
3	IC 200-182319/7	0.467	1.142353	1.1675	130321.0	2.446152	Y
4	ICIS 200-182319/8	0.934	2.221675	1.1675	139111.0	2.378667	Y
5	IC 200-182319/9	2.335	5.295352	1.1675	134930.0	2.267817	Y
6	IC 200-182319/10	9.34	21.449181	1.1675	128662.0	2.296486	Y



Calibration

/ Perfluorohexanoic acid

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: IsoDil
Response Base: AREA
RF Rounding: 0

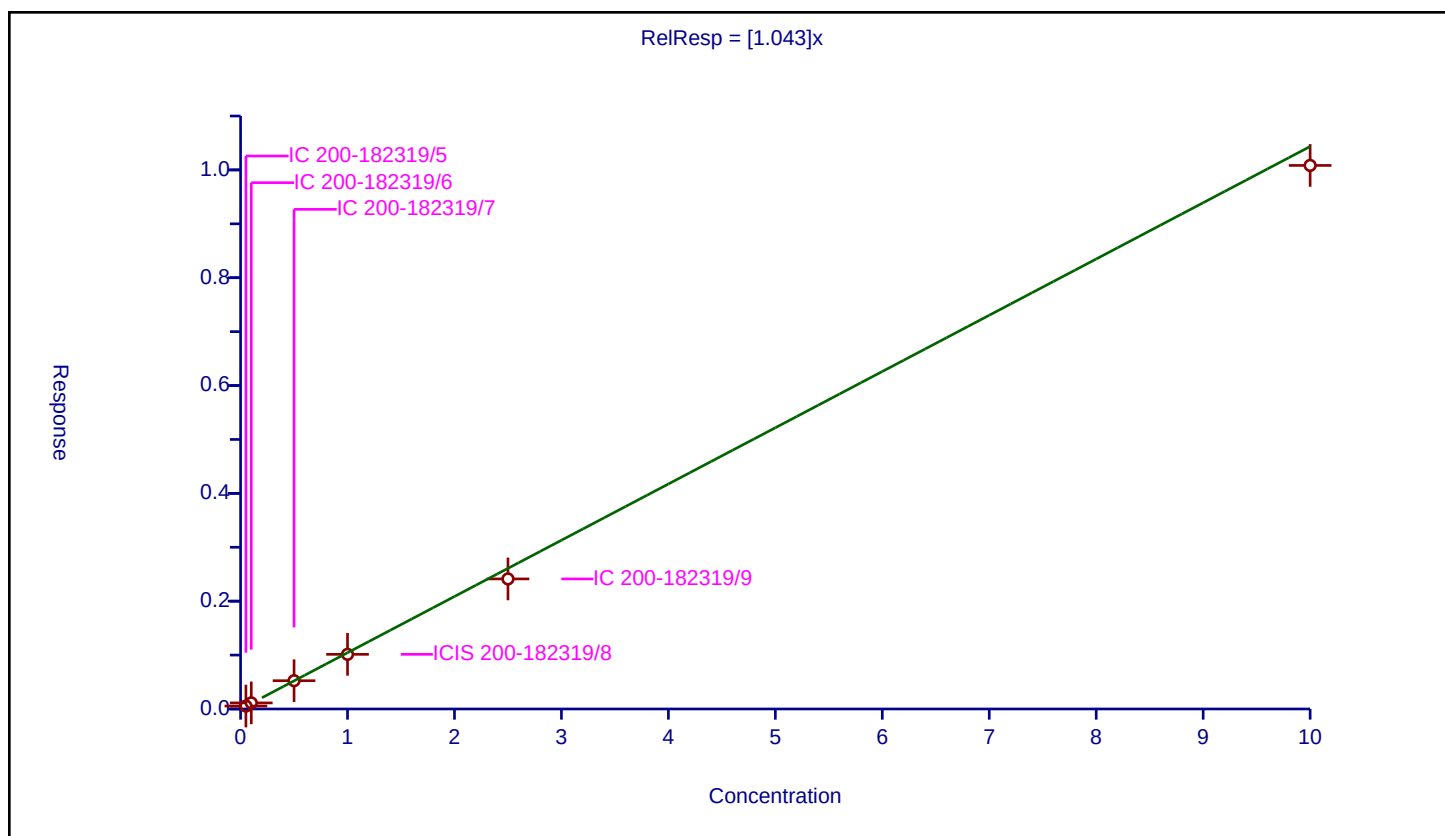
Curve Coefficients

Intercept: 0
Slope: 1.043

Error Coefficients

Standard Error: 5100000
Relative Standard Error: 5.8
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-182319/5	0.05	0.054704	1.25	1413508.0	1.094086	Y
2	IC 200-182319/6	0.1	0.112992	1.25	1370007.0	1.129921	Y
3	IC 200-182319/7	0.5	0.524659	1.25	1432991.0	1.049317	Y
4	ICIS 200-182319/8	1.0	1.014043	1.25	1545822.0	1.014043	Y
5	IC 200-182319/9	2.5	2.412572	1.25	1429283.0	0.965029	Y
6	IC 200-182319/10	10.0	10.083565	1.25	1361444.0	1.008356	Y



Calibration

/ Perfluoropentanesulfonic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

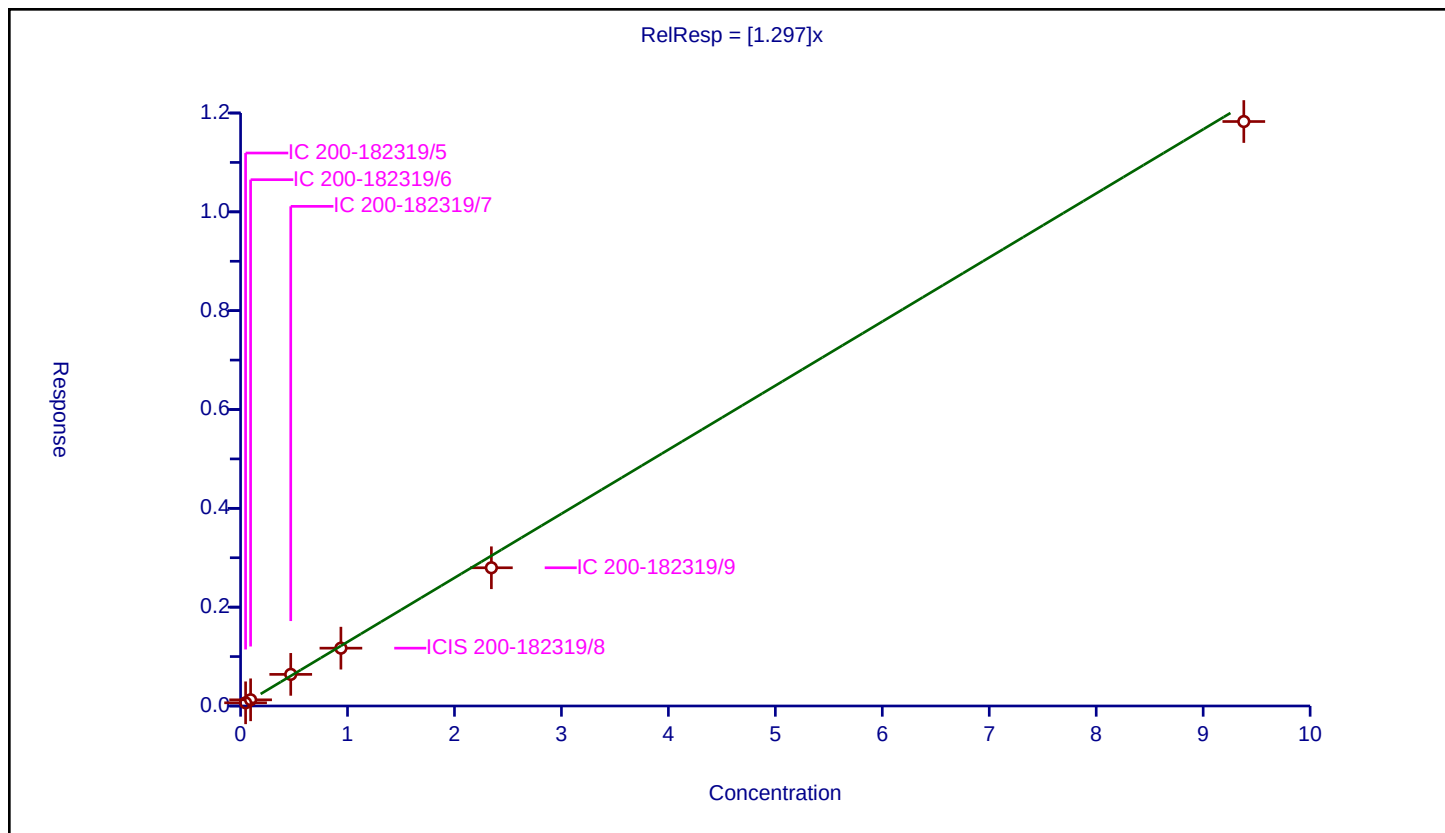
Curve Coefficients

Intercept: 0
 Slope: 1.297

Error Coefficients

Standard Error: 5100000
 Relative Standard Error: 5.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-182319/5	0.0469	0.064744	1.1825	1066162.0	1.380462	Y
2	IC 200-182319/6	0.0938	0.125123	1.1825	1056649.0	1.333929	Y
3	IC 200-182319/7	0.469	0.639506	1.1825	1070938.0	1.363551	Y
4	ICIS 200-182319/8	0.938	1.170436	1.1825	1199930.0	1.247799	Y
5	IC 200-182319/9	2.345	2.79728	1.1825	1100091.0	1.19287	Y
6	IC 200-182319/10	9.38	11.82767	1.1825	1101269.0	1.260946	Y



Calibration

/ Perfluoro(2-propoxypropanoic) acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

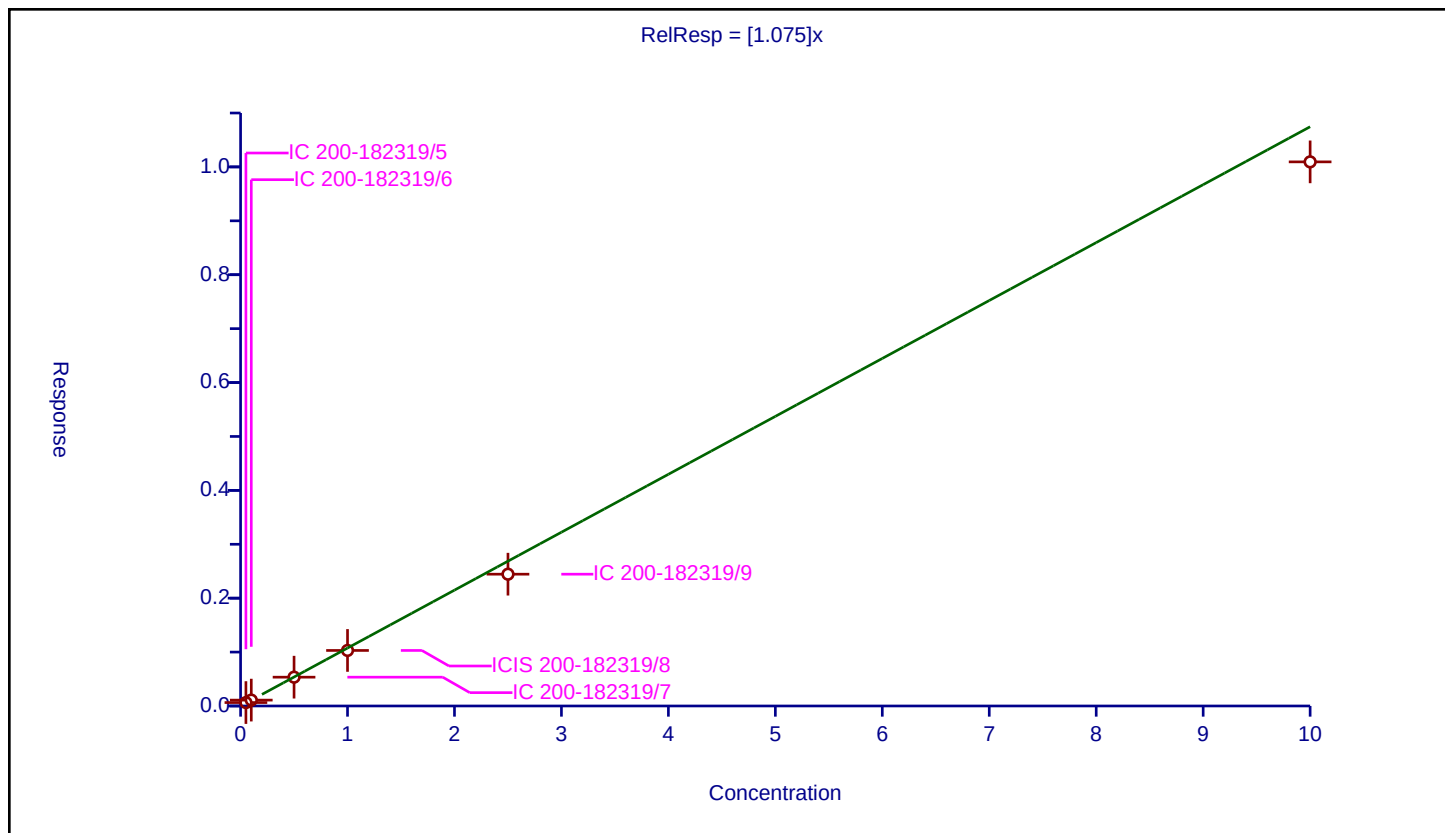
Curve Coefficients

Intercept: 0
 Slope: 1.075

Error Coefficients

Standard Error: 1020000
 Relative Standard Error: 9.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.986

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-182319/5	0.05	0.063352	1.25	258219.0	1.267045	Y
2	IC 200-182319/6	0.1	0.10932	1.25	270250.0	1.093201	Y
3	IC 200-182319/7	0.5	0.534638	1.25	255203.0	1.069276	Y
4	ICIS 200-182319/8	1.0	1.030352	1.25	284467.0	1.030352	Y
5	IC 200-182319/9	2.5	2.444834	1.25	269301.0	0.977934	Y
6	IC 200-182319/10	10.0	10.093736	1.25	271626.0	1.009374	Y



Calibration

/ Perfluorohexanesulfonic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

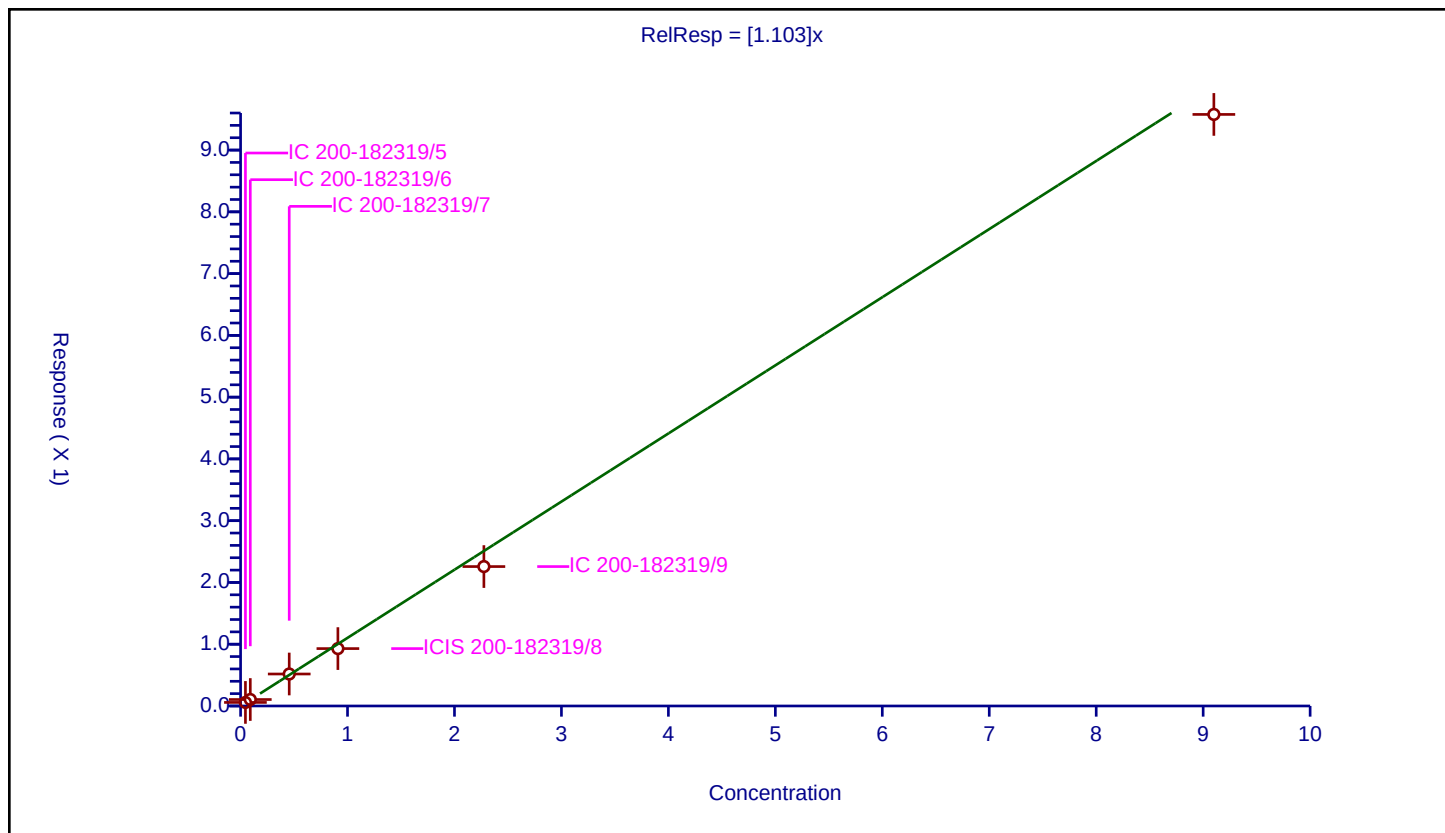
Curve Coefficients

Intercept: 0
 Slope: 1.103

Error Coefficients

Standard Error: 4130000
 Relative Standard Error: 9.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.988

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-182319/5	0.0455	0.057553	1.1825	1066162.0	1.264907	Y
2	IC 200-182319/6	0.091	0.104492	1.1825	1056649.0	1.148262	Y
3	IC 200-182319/7	0.455	0.517971	1.1825	1070938.0	1.138397	Y
4	ICIS 200-182319/8	0.91	0.929468	1.1825	1199930.0	1.021393	Y
5	IC 200-182319/9	2.275	2.257341	1.1825	1100091.0	0.992238	Y
6	IC 200-182319/10	9.1	9.577256	1.1825	1101269.0	1.052446	Y



Calibration

/ Perfluoroheptanoic acid

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: IsoDil
Response Base: AREA
RF Rounding: 0

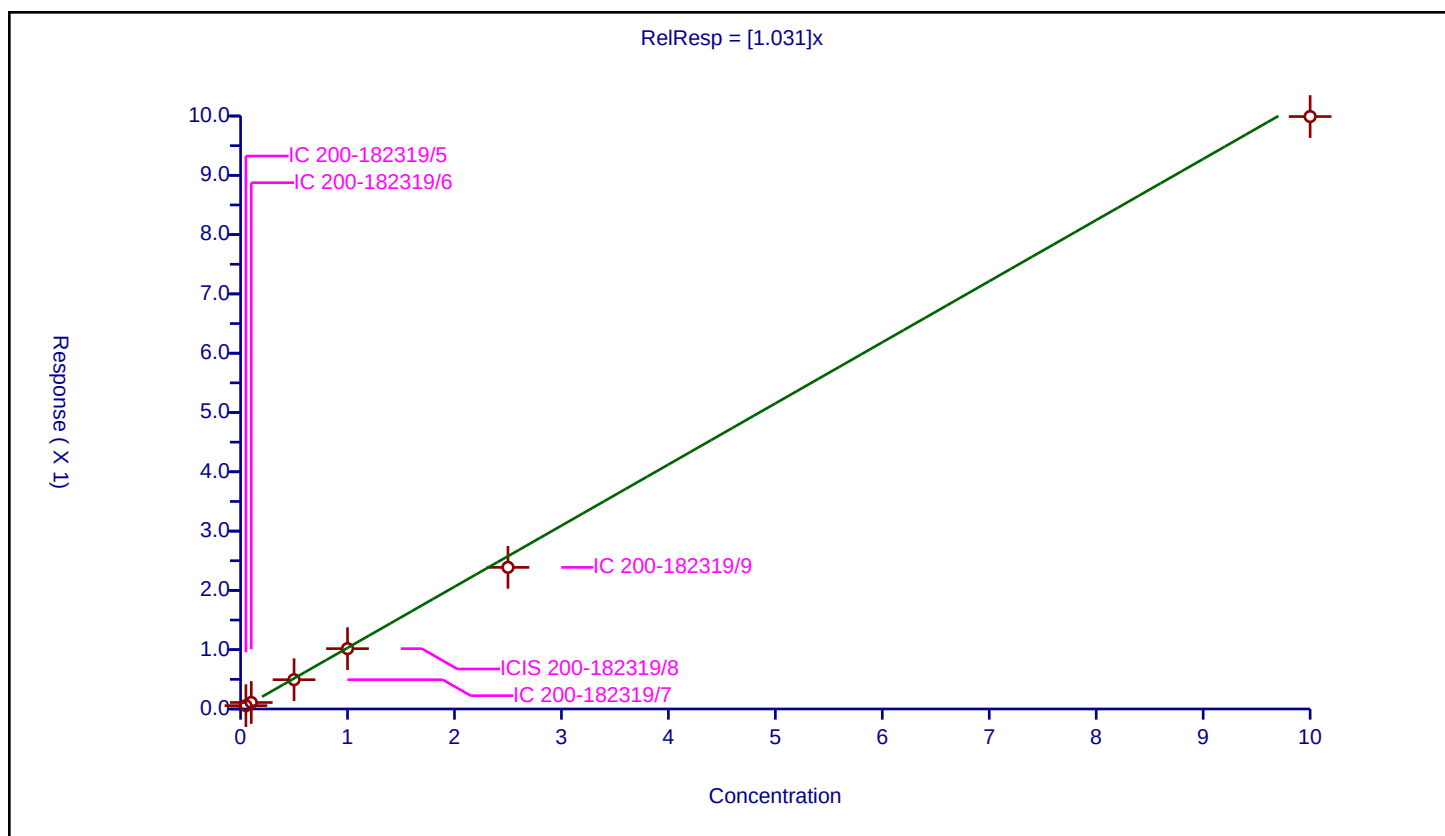
Curve Coefficients

Intercept: 0
Slope: 1.031

Error Coefficients

Standard Error: 5200000
Relative Standard Error: 6.5
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.994

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-182319/5	0.05	0.056472	1.25	1452765.0	1.12945	Y
2	IC 200-182319/6	0.1	0.109407	1.25	1436597.0	1.09407	Y
3	IC 200-182319/7	0.5	0.494063	1.25	1532788.0	0.988126	Y
4	ICIS 200-182319/8	1.0	1.01747	1.25	1584230.0	1.01747	Y
5	IC 200-182319/9	2.5	2.388406	1.25	1462731.0	0.955362	Y
6	IC 200-182319/10	10.0	9.991172	1.25	1400879.0	0.999117	Y



Calibration

/ DONA

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

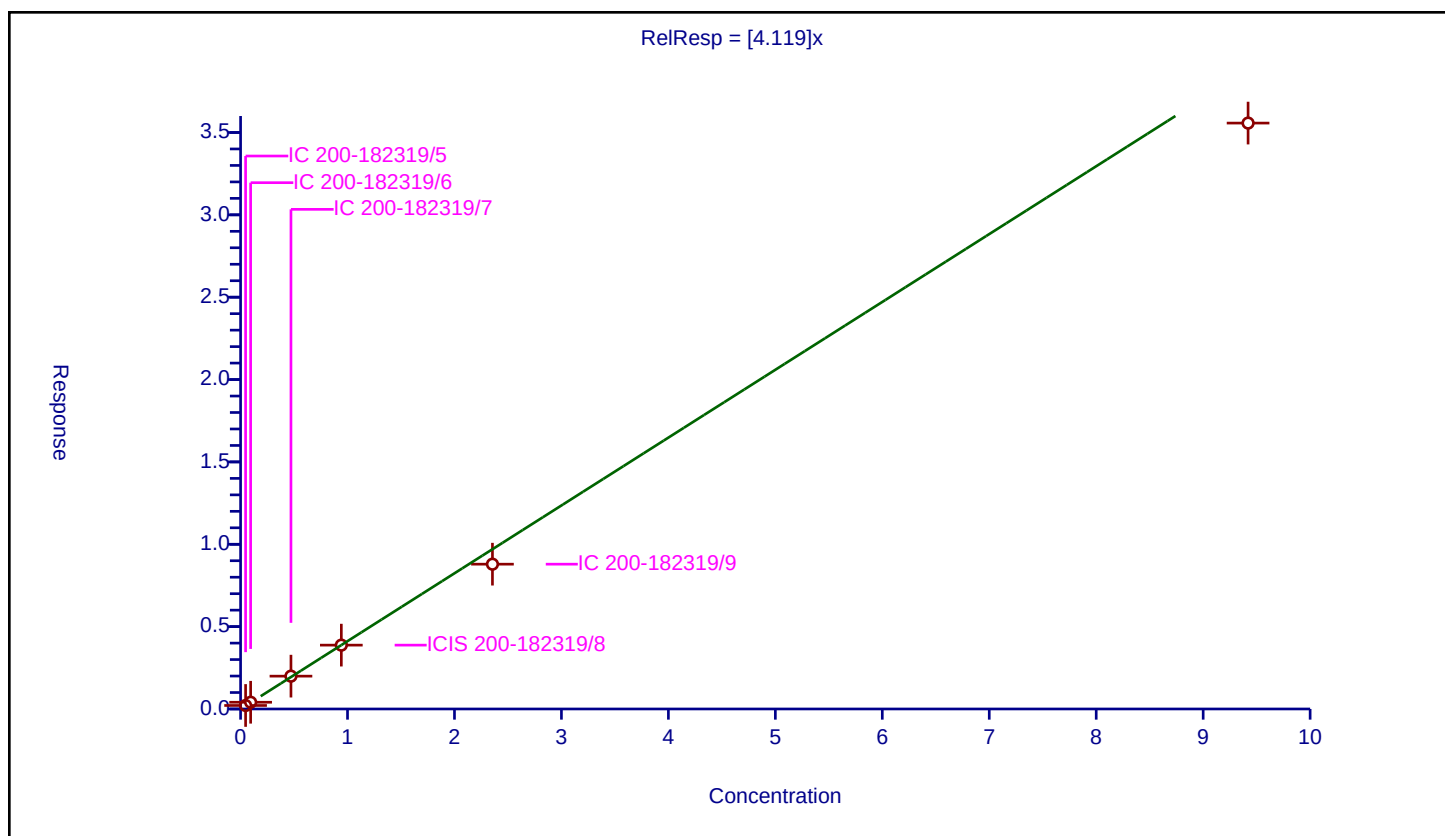
Curve Coefficients

Intercept: 0
 Slope: 4.119

Error Coefficients

Standard Error: 11300000
 Relative Standard Error: 7.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-182319/5	0.0471	0.21237	1.195	814976.0	4.508922	Y
2	IC 200-182319/6	0.0942	0.40952	1.195	840757.0	4.347348	Y
3	IC 200-182319/7	0.471	1.993533	1.195	804391.0	4.232554	Y
4	ICIS 200-182319/8	0.942	3.876015	1.195	867294.0	4.114666	Y
5	IC 200-182319/9	2.355	8.791096	1.195	824732.0	3.732949	Y
6	IC 200-182319/10	9.42	35.571432	1.195	821046.0	3.776161	Y



Calibration

/ 1H,1H,2H,2H-perfluorooctanesulfonic acid (6:2)

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: IsoDil
Response Base: AREA
RF Rounding: 0

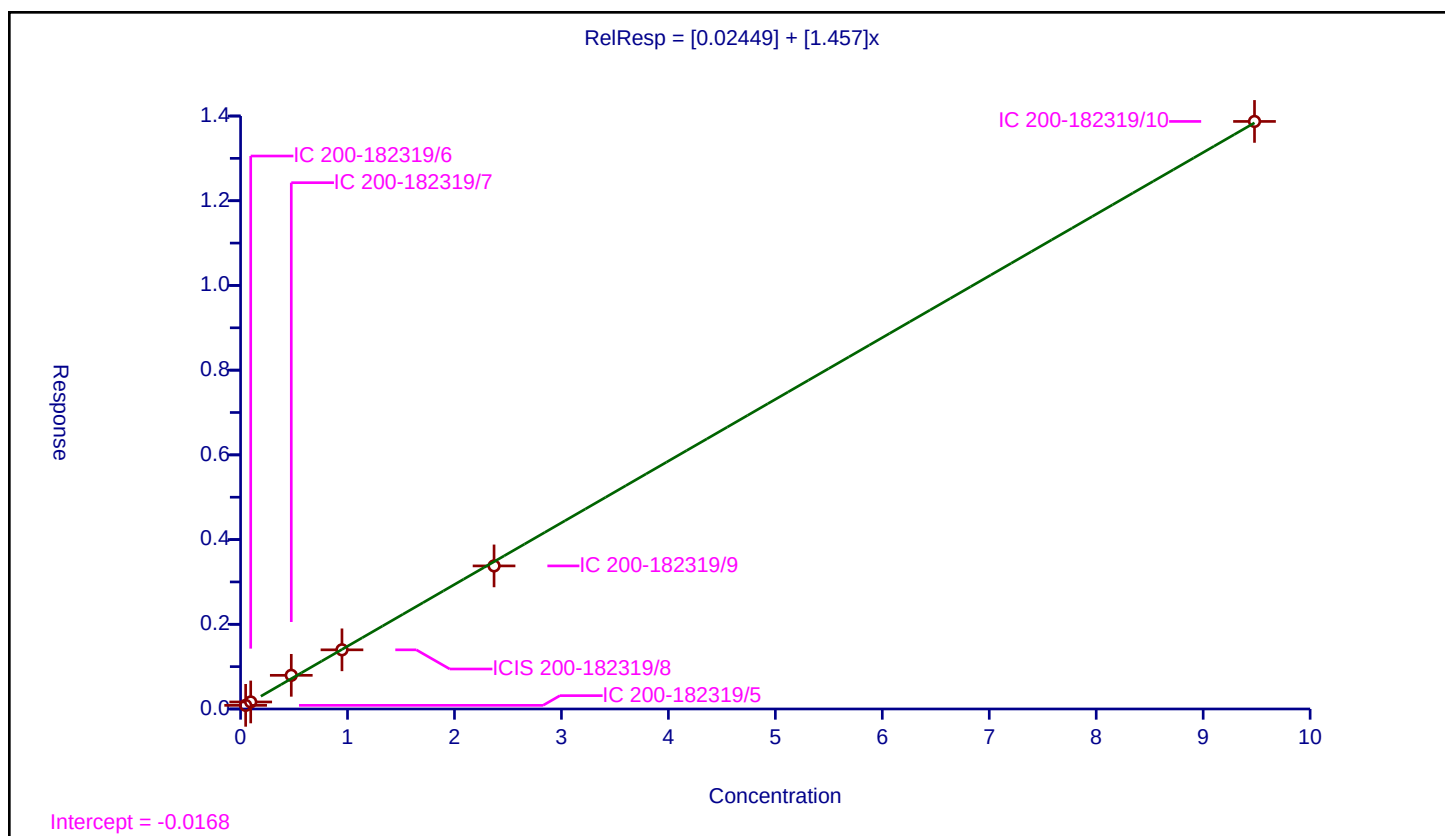
Curve Coefficients

Intercept: 0.02449
Slope: 1.457

Error Coefficients

Standard Error: 1080000
Relative Standard Error: 8.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-182319/5	0.0474	0.086178	1.1875	190476.0	1.818098	Y
2	IC 200-182319/6	0.0948	0.16605	1.1875	181082.0	1.751584	Y
3	IC 200-182319/7	0.474	0.794837	1.1875	174667.0	1.676872	Y
4	ICIS 200-182319/8	0.948	1.396853	1.1875	203094.0	1.473474	Y
5	IC 200-182319/9	2.37	3.378094	1.1875	182060.0	1.425356	Y
6	IC 200-182319/10	9.48	13.872036	1.1875	177168.0	1.463295	Y



Calibration

/ Perfluoroheptanesulfonic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

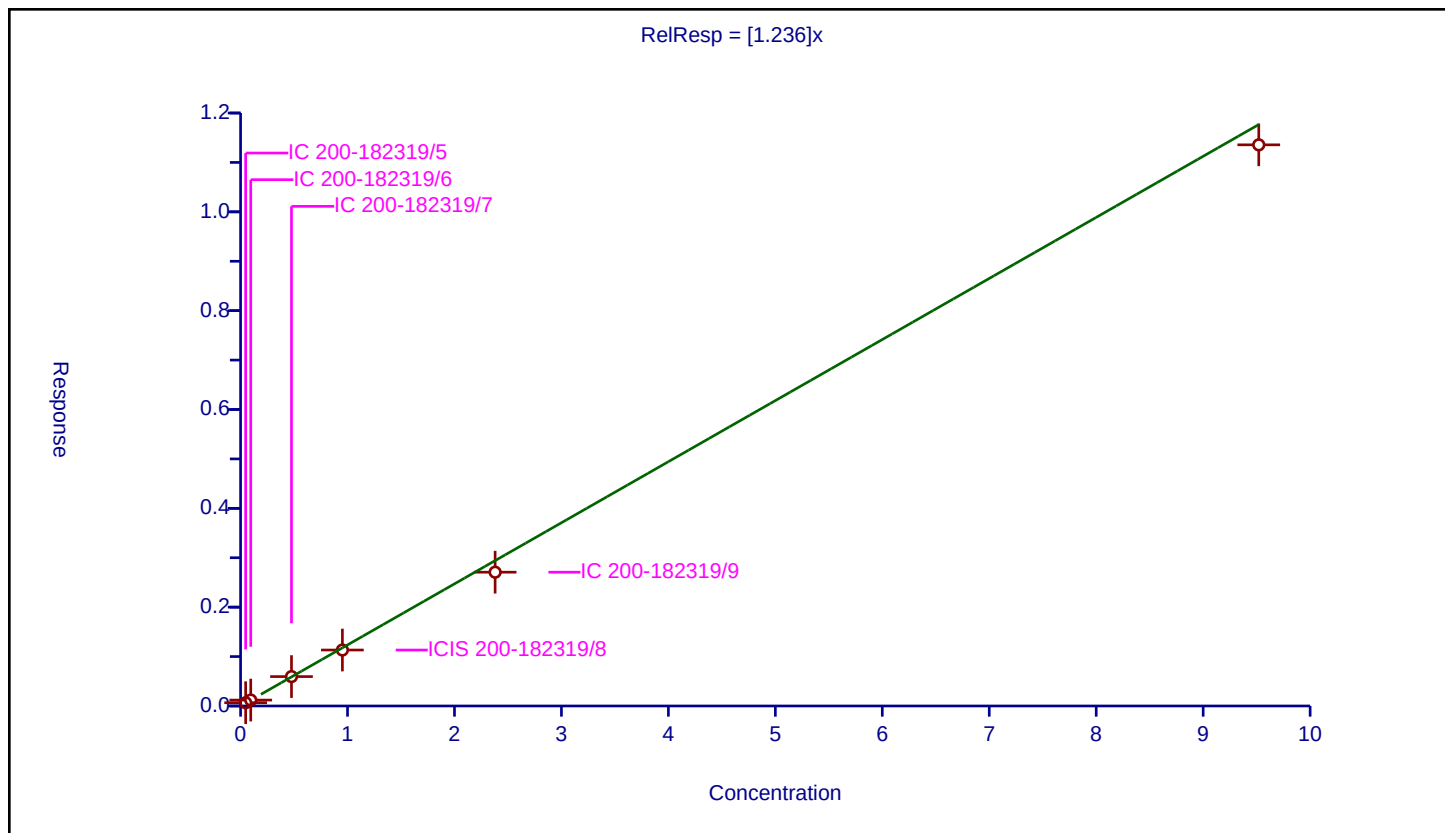
Curve Coefficients

Intercept: 0
 Slope: 1.236

Error Coefficients

Standard Error: 3610000
 Relative Standard Error: 7.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-182319/5	0.0476	0.066325	1.195	814976.0	1.393386	Y
2	IC 200-182319/6	0.0952	0.11927	1.195	840757.0	1.252838	Y
3	IC 200-182319/7	0.476	0.594752	1.195	804391.0	1.24948	Y
4	ICIS 200-182319/8	0.952	1.132626	1.195	867294.0	1.189733	Y
5	IC 200-182319/9	2.38	2.707927	1.195	824732.0	1.137784	Y
6	IC 200-182319/10	9.52	11.35592	1.195	821046.0	1.192849	Y



Calibration

/ Perfluorooctanoic acid

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: IsoDil
Response Base: AREA
RF Rounding: 0

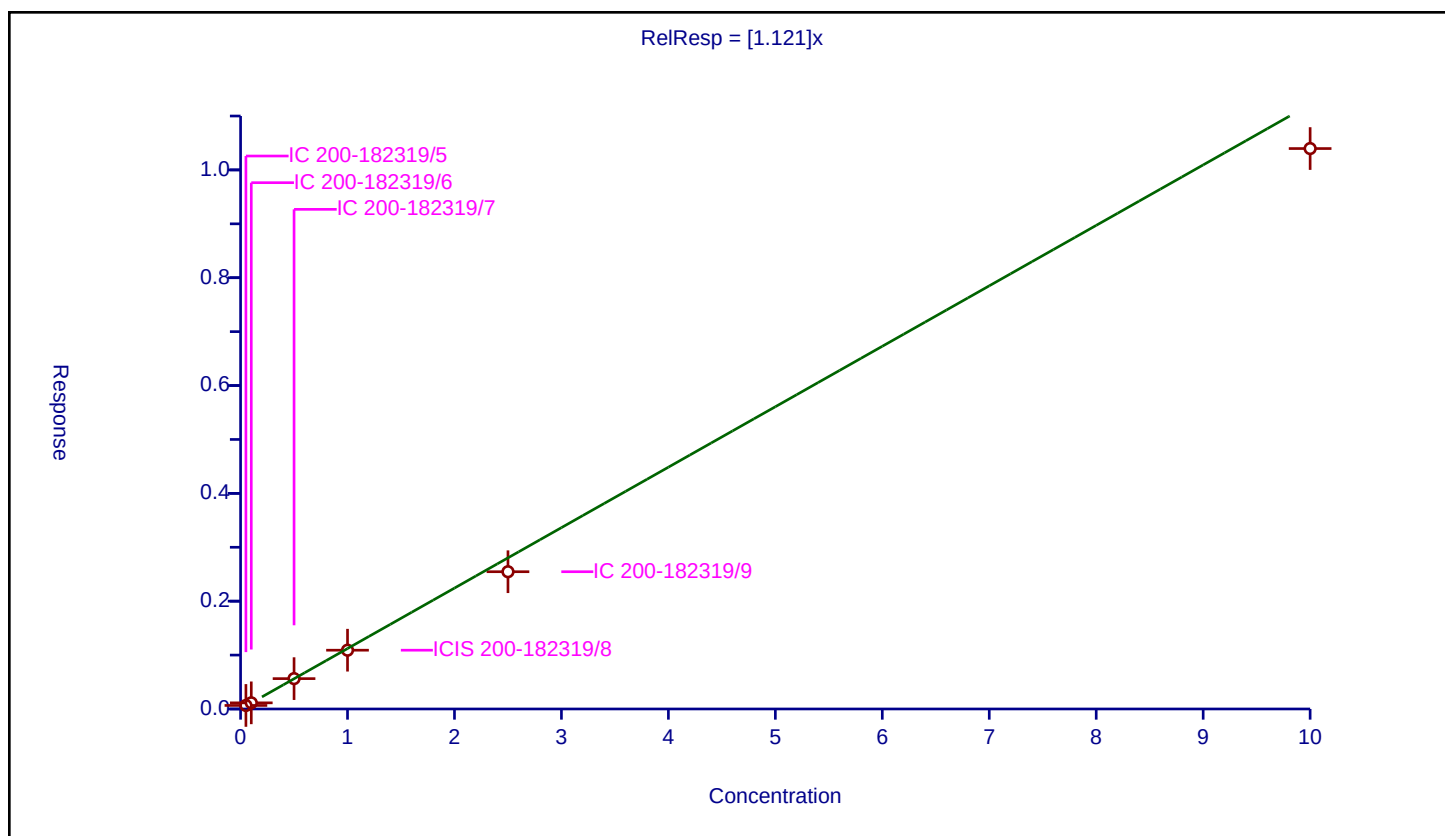
Curve Coefficients

Intercept: 0
Slope: 1.121

Error Coefficients

Standard Error: 5730000
Relative Standard Error: 9.3
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.987

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-182319/5	0.05	0.065553	1.25	1484438.0	1.311052	Y
2	IC 200-182319/6	0.1	0.114208	1.25	1549546.0	1.142076	Y
3	IC 200-182319/7	0.5	0.563331	1.25	1470428.0	1.126662	Y
4	ICIS 200-182319/8	1.0	1.090494	1.25	1613787.0	1.090494	Y
5	IC 200-182319/9	2.5	2.546176	1.25	1484954.0	1.01847	Y
6	IC 200-182319/10	10.0	10.396368	1.25	1483901.0	1.039637	Y



Calibration

/ Perfluorooctanesulfonic acid

Curve Type: Linear
 Weighting: Conc
 Origin: None
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

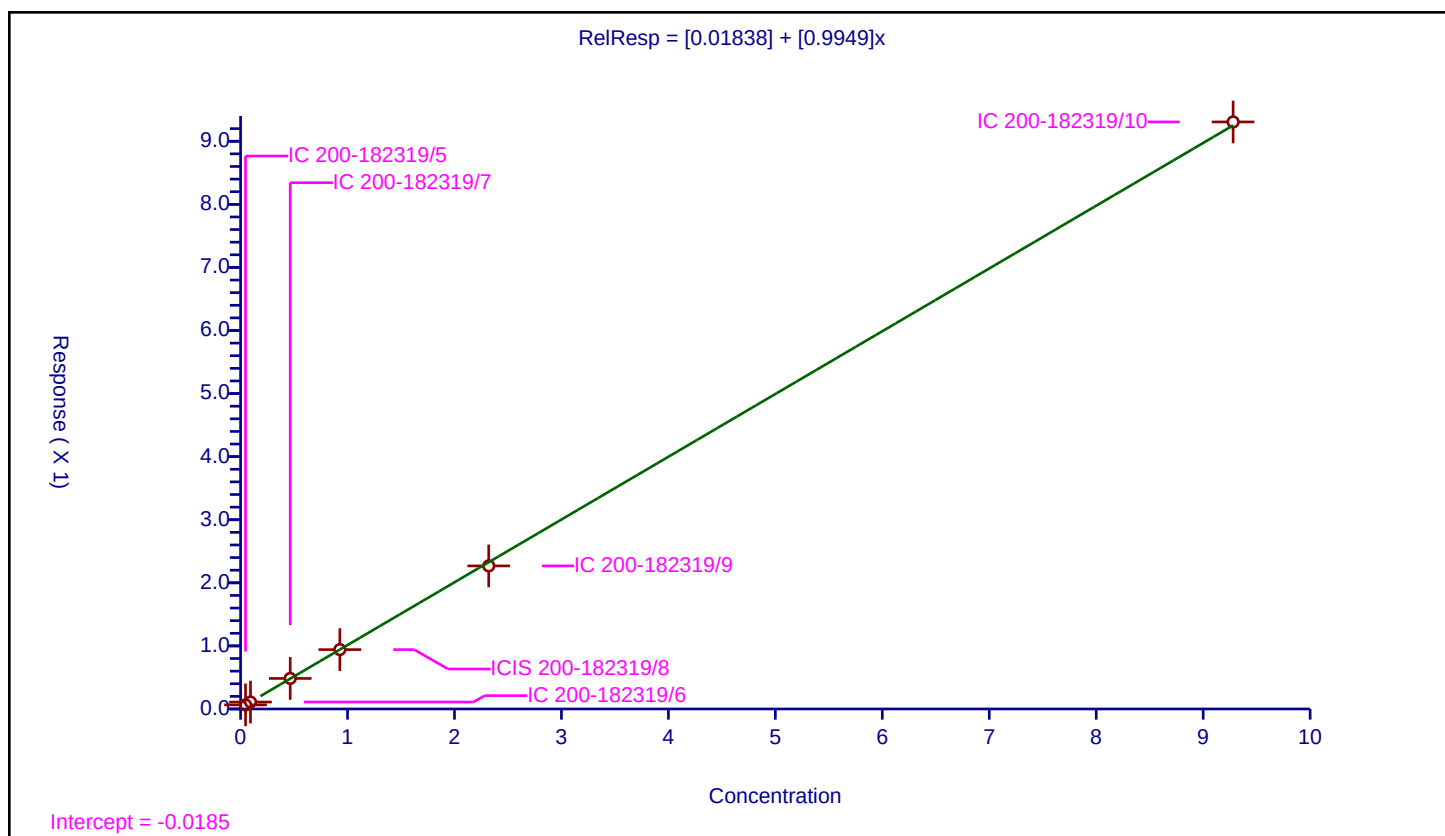
Curve Coefficients

Intercept: 0.01838
 Slope: 0.9949

Error Coefficients

Standard Error: 3310000
 Relative Standard Error: 1.6
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 1.000

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-182319/5	0.0464	0.065258	1.195	814976.0	1.406416	Y
2	IC 200-182319/6	0.0928	0.110269	1.195	840757.0	1.188242	Y
3	IC 200-182319/7	0.464	0.484379	1.195	804391.0	1.043919	Y
4	ICIS 200-182319/8	0.928	0.941134	1.195	867294.0	1.014153	Y
5	IC 200-182319/9	2.32	2.268101	1.195	824732.0	0.97763	Y
6	IC 200-182319/10	9.28	9.305971	1.195	821046.0	1.002799	Y



Calibration

/ Perfluorononanoic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

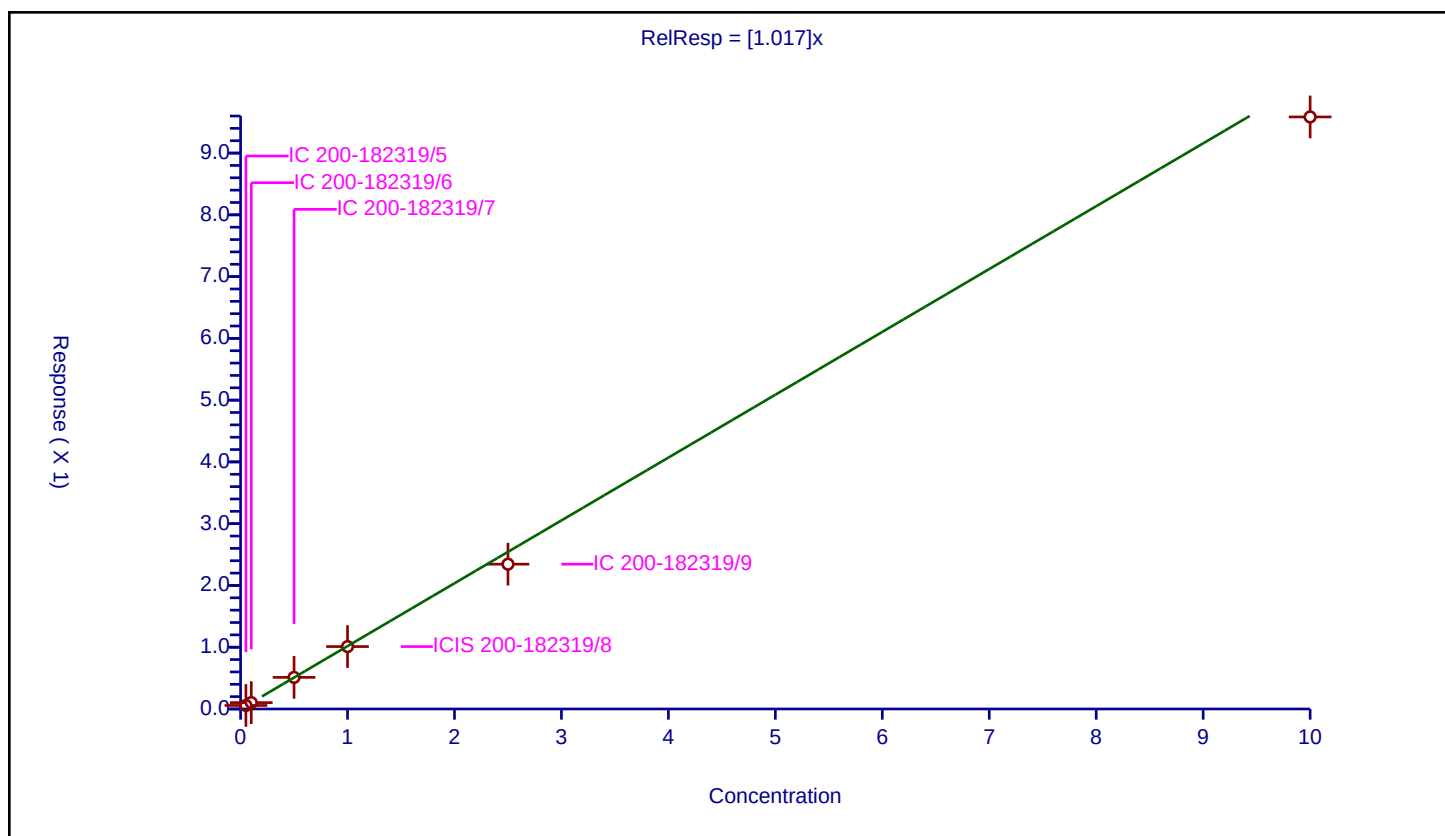
Curve Coefficients

Intercept: 0
 Slope: 1.017

Error Coefficients

Standard Error: 5310000
 Relative Standard Error: 7.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-182319/5	0.05	0.057229	1.25	1565872.0	1.144586	Y
2	IC 200-182319/6	0.1	0.103005	1.25	1602191.0	1.03005	Y
3	IC 200-182319/7	0.5	0.511784	1.25	1491888.0	1.023567	Y
4	ICIS 200-182319/8	1.0	1.010464	1.25	1743026.0	1.010464	Y
5	IC 200-182319/9	2.5	2.344456	1.25	1550788.0	0.937783	Y
6	IC 200-182319/10	10.0	9.584917	1.25	1487561.0	0.958492	Y



Calibration

/ 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

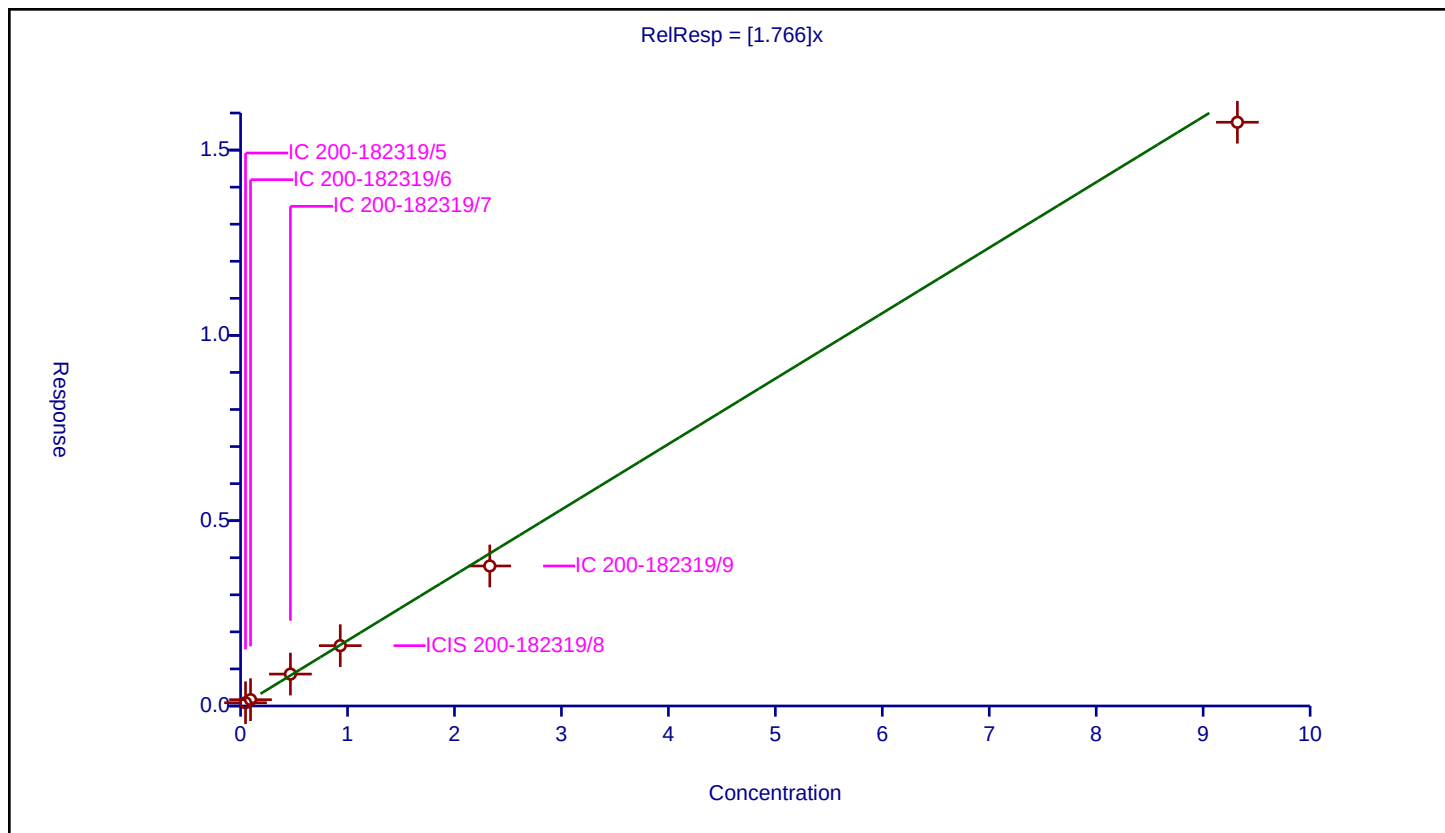
Curve Coefficients

Intercept: 0
 Slope: 1.766

Error Coefficients

Standard Error: 5010000
 Relative Standard Error: 5.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-182319/5	0.0466	0.087154	1.195	814976.0	1.870257	Y
2	IC 200-182319/6	0.0932	0.169937	1.195	840757.0	1.823354	Y
3	IC 200-182319/7	0.466	0.860754	1.195	804391.0	1.847112	Y
4	ICIS 200-182319/8	0.932	1.628084	1.195	867294.0	1.746871	Y
5	IC 200-182319/9	2.33	3.777759	1.195	824732.0	1.621356	Y
6	IC 200-182319/10	9.32	15.751201	1.195	821046.0	1.690043	Y



Calibration

/ Perfluorononanesulfonic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

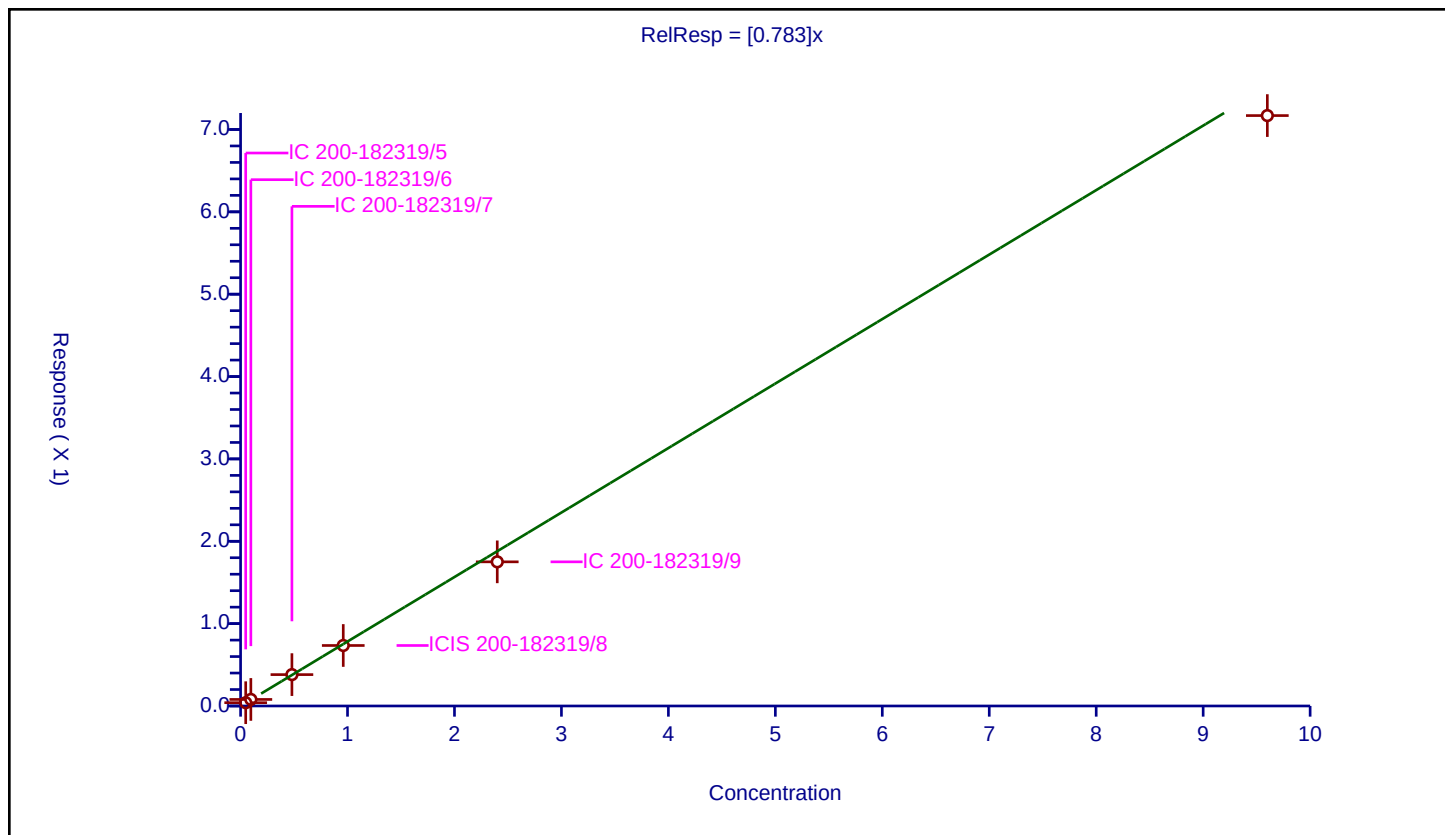
Curve Coefficients

Intercept: 0
 Slope: 0.783

Error Coefficients

Standard Error: 2280000
 Relative Standard Error: 5.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-182319/5	0.048	0.040043	1.195	814976.0	0.834234	Y
2	IC 200-182319/6	0.096	0.079567	1.195	840757.0	0.828818	Y
3	IC 200-182319/7	0.48	0.380935	1.195	804391.0	0.793615	Y
4	ICIS 200-182319/8	0.96	0.734567	1.195	867294.0	0.765174	Y
5	IC 200-182319/9	2.4	1.75015	1.195	824732.0	0.729229	Y
6	IC 200-182319/10	9.6	7.169071	1.195	821046.0	0.746778	Y



Calibration

/ Perfluorodecanoic acid

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: IsoDil
Response Base: AREA
RF Rounding: 0

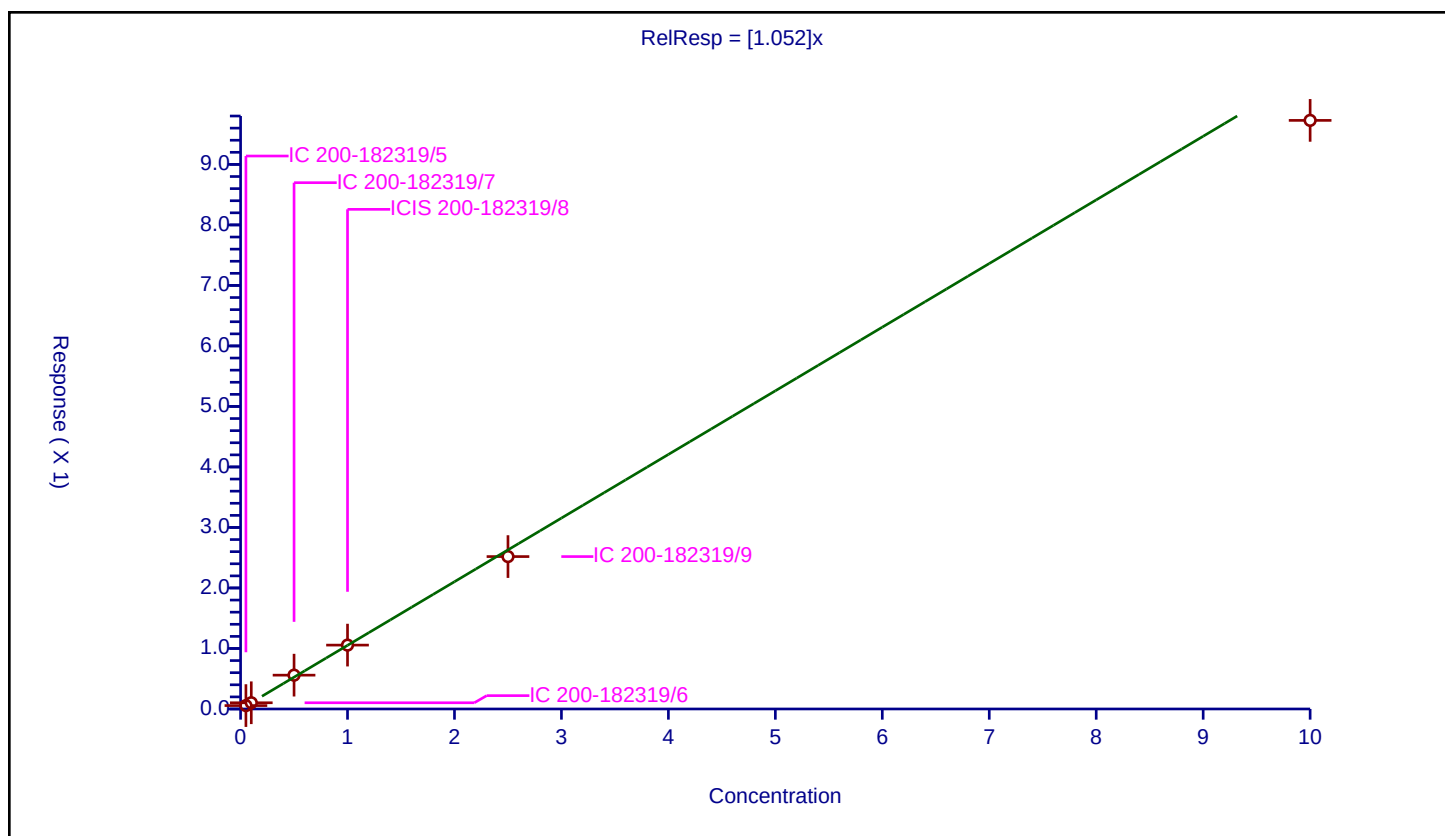
Curve Coefficients

Intercept: 0
Slope: 1.052

Error Coefficients

Standard Error: 5360000
Relative Standard Error: 5.8
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-182319/5	0.05	0.056353	1.25	1472294.0	1.127051	Y
2	IC 200-182319/6	0.1	0.102939	1.25	1591995.0	1.029392	Y
3	IC 200-182319/7	0.5	0.558835	1.25	1496707.0	1.11767	Y
4	ICIS 200-182319/8	1.0	1.055735	1.25	1674653.0	1.055735	Y
5	IC 200-182319/9	2.5	2.518868	1.25	1471206.0	1.007547	Y
6	IC 200-182319/10	10.0	9.727934	1.25	1479189.0	0.972793	Y



Calibration

/ 1H,1H,2H,2H-perfluorodecanesulfonic acid (8:2)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

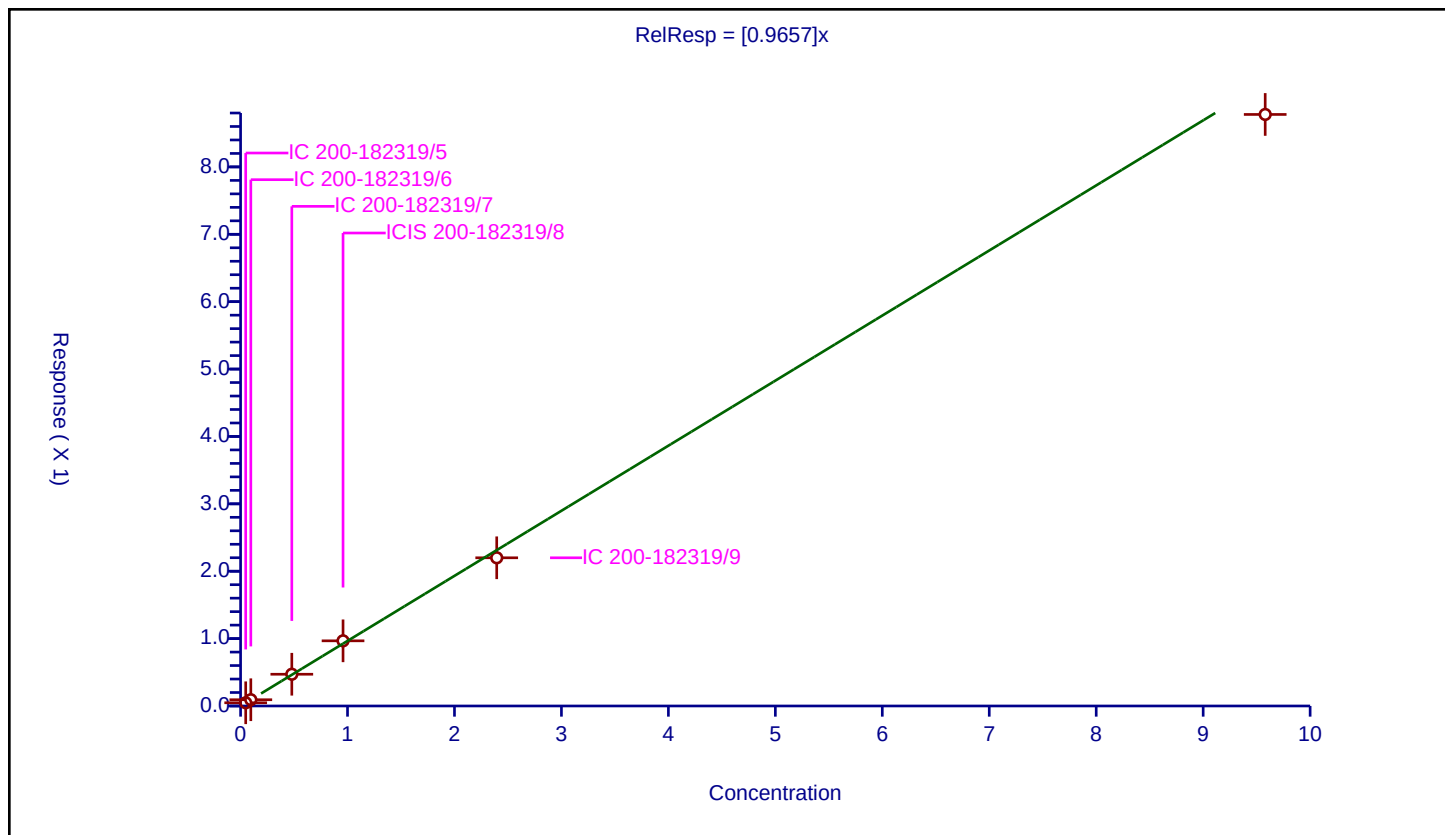
Curve Coefficients

Intercept: 0
 Slope: 0.9657

Error Coefficients

Standard Error: 755000
 Relative Standard Error: 4.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-182319/5	0.0479	0.047773	1.1975	230513.0	0.997341	Y
2	IC 200-182319/6	0.0958	0.092816	1.1975	221797.0	0.968848	Y
3	IC 200-182319/7	0.479	0.471193	1.1975	212018.0	0.983702	Y
4	ICIS 200-182319/8	0.958	0.96708	1.1975	240555.0	1.009478	Y
5	IC 200-182319/9	2.395	2.199187	1.1975	217682.0	0.918241	Y
6	IC 200-182319/10	9.58	8.778809	1.1975	221709.0	0.916368	Y



Calibration

/ Perfluorooctanesulfonamide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

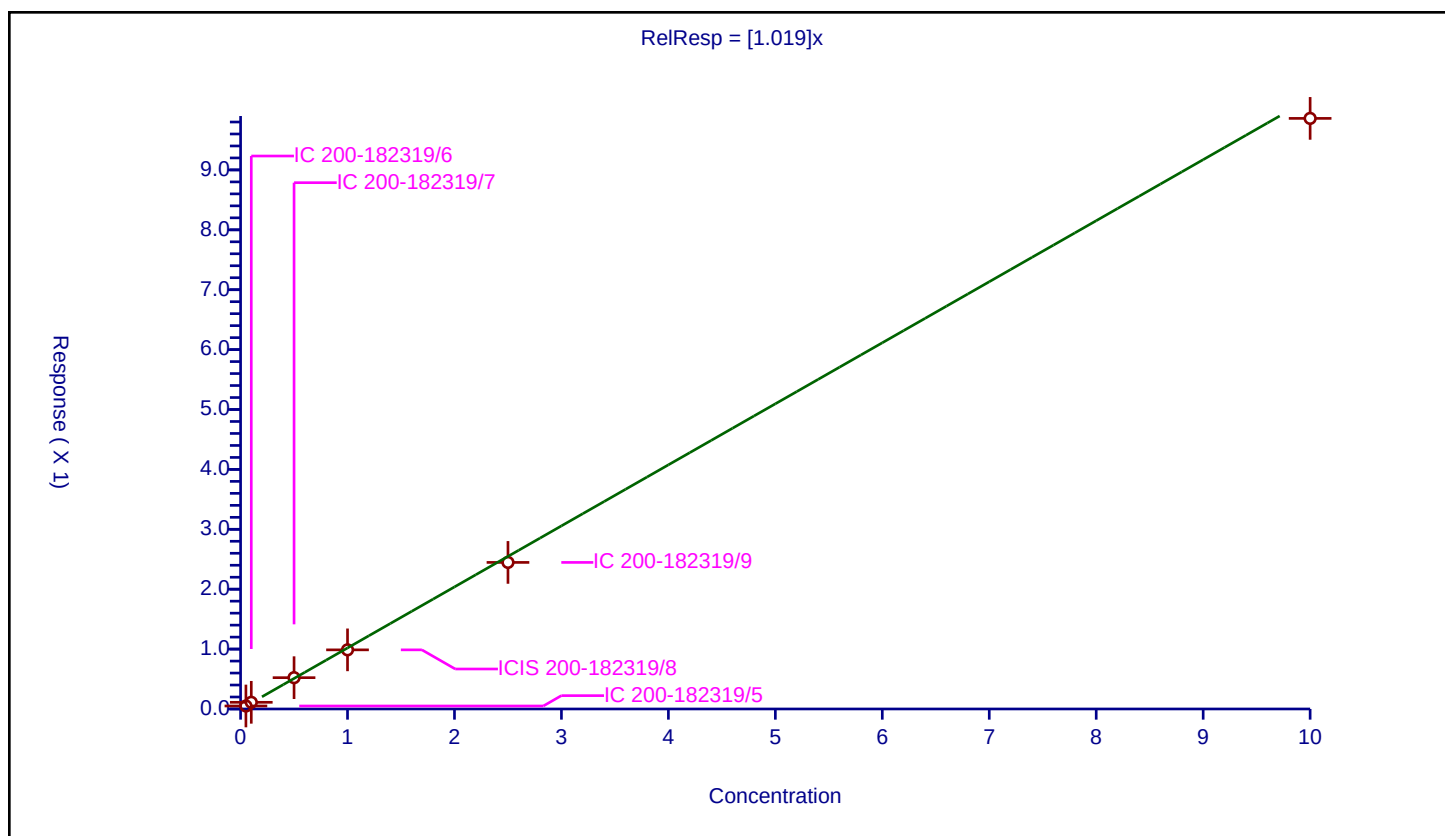
Curve Coefficients

Intercept: 0
 Slope: 1.019

Error Coefficients

Standard Error: 4730000
 Relative Standard Error: 5.1
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-182319/5	0.05	0.050124	1.25	1351035.0	1.002472	Y
2	IC 200-182319/6	0.1	0.111322	1.25	1346274.0	1.113221	Y
3	IC 200-182319/7	0.5	0.523051	1.25	1341161.0	1.046103	Y
4	ICIS 200-182319/8	1.0	0.987356	1.25	1386621.0	0.987356	Y
5	IC 200-182319/9	2.5	2.447205	1.25	1316398.0	0.978882	Y
6	IC 200-182319/10	10.0	9.860169	1.25	1290314.0	0.986017	Y



Calibration

/ N-methylperfluorooctanesulfonamidoacetic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

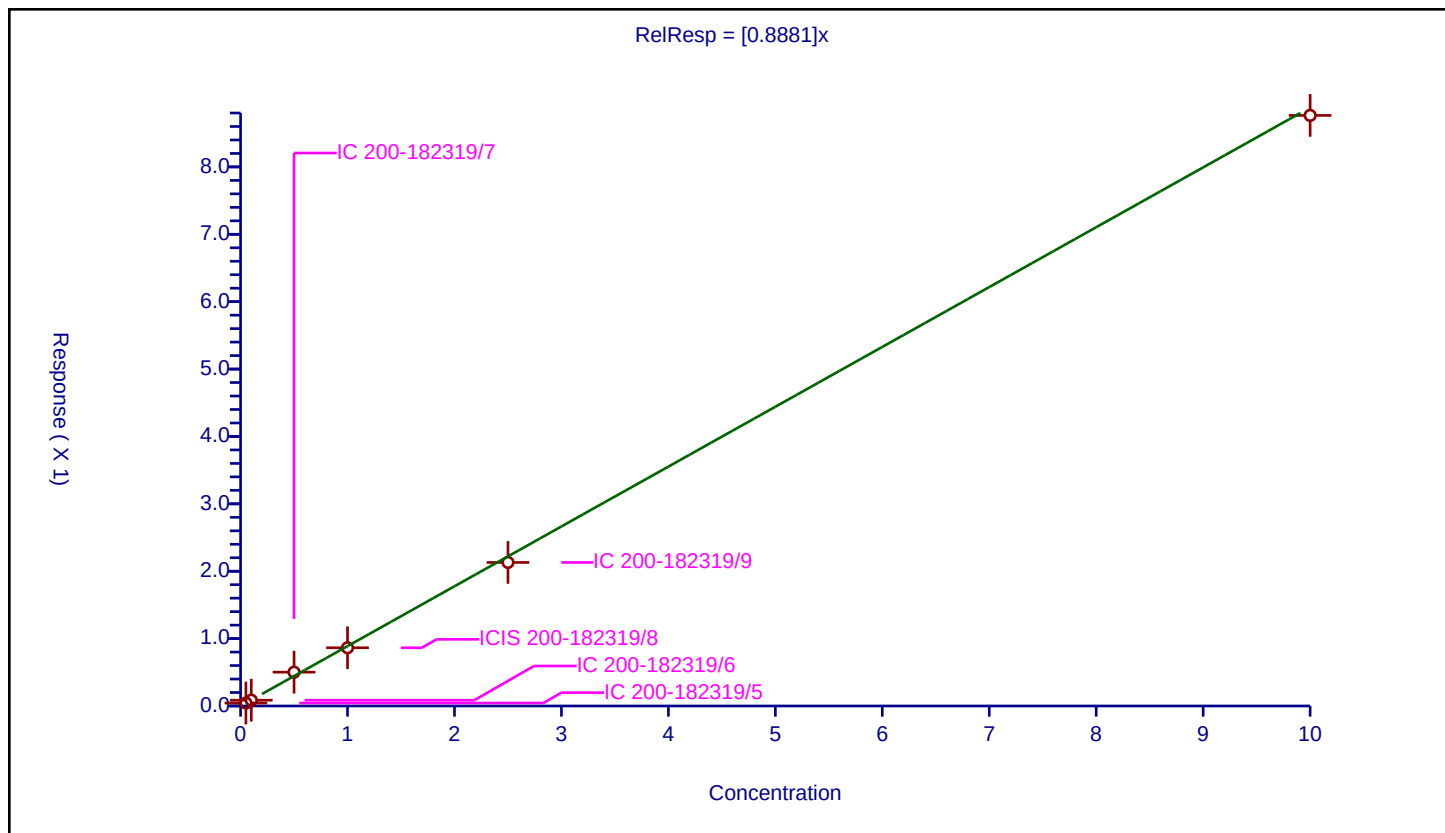
Curve Coefficients

Intercept: 0
 Slope: 0.8881

Error Coefficients

Standard Error: 676000
 Relative Standard Error: 6.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-182319/5	0.05	0.043851	1.25	199141.0	0.877017	Y
2	IC 200-182319/6	0.1	0.085513	1.25	200758.0	0.855134	Y
3	IC 200-182319/7	0.5	0.501849	1.25	194324.0	1.003697	Y
4	ICIS 200-182319/8	1.0	0.864294	1.25	222702.0	0.864294	Y
5	IC 200-182319/9	2.5	2.130228	1.25	205583.0	0.852091	Y
6	IC 200-182319/10	10.0	8.764336	1.25	208390.0	0.876434	Y



Calibration

/ Perfluorodecanesulfonic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

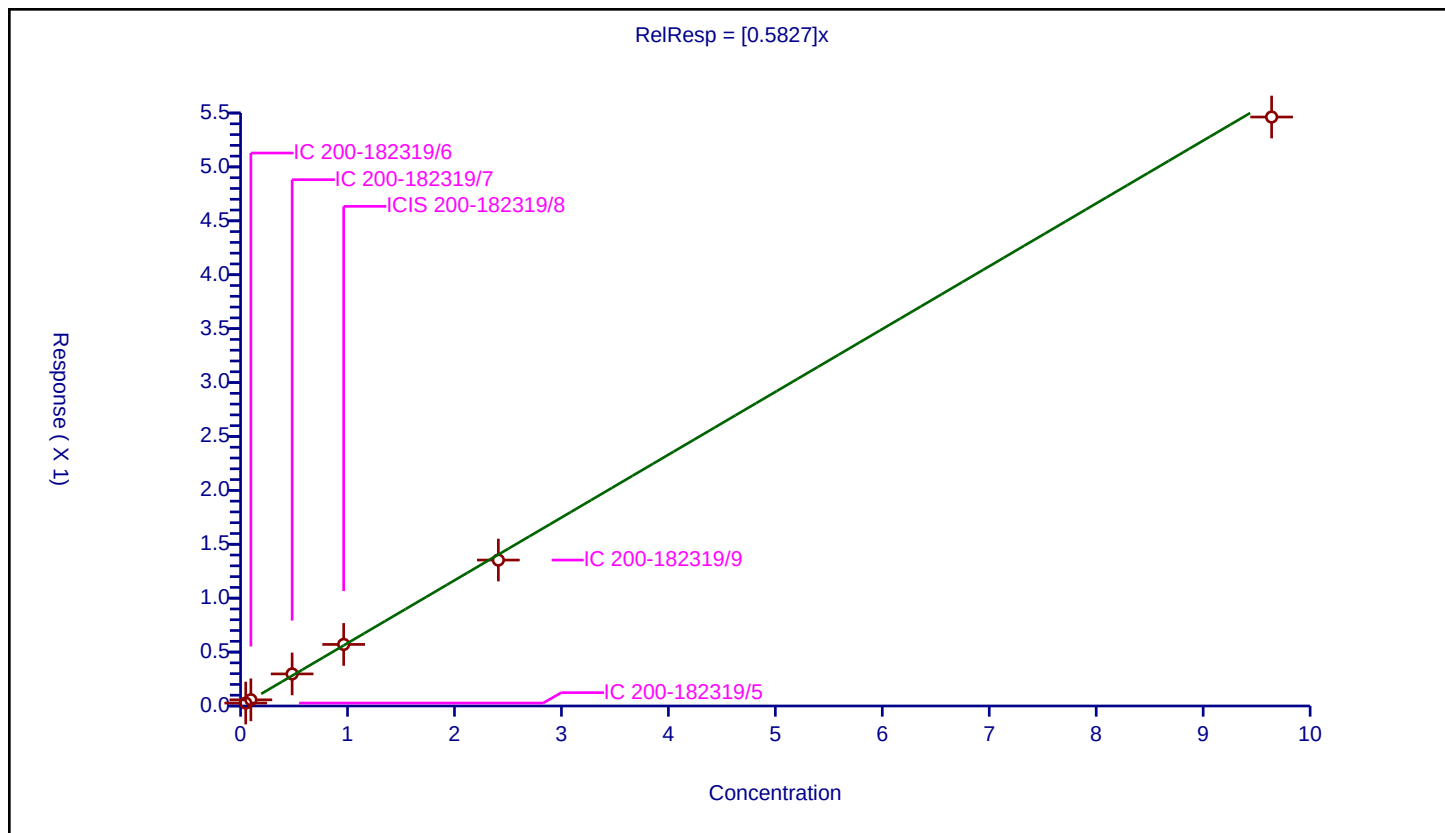
Curve Coefficients

Intercept: 0
 Slope: 0.5827

Error Coefficients

Standard Error: 1740000
 Relative Standard Error: 3.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.998

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-182319/5	0.0482	0.027128	1.195	814976.0	0.562822	Y
2	IC 200-182319/6	0.0964	0.057378	1.195	840757.0	0.595207	Y
3	IC 200-182319/7	0.482	0.297464	1.195	804391.0	0.617145	Y
4	ICIS 200-182319/8	0.964	0.571076	1.195	867294.0	0.592402	Y
5	IC 200-182319/9	2.41	1.353617	1.195	824732.0	0.561667	Y
6	IC 200-182319/10	9.64	5.462847	1.195	821046.0	0.566685	Y



Calibration

/ Perfluoroundecanoic acid

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: IsoDil
Response Base: AREA
RF Rounding: 0

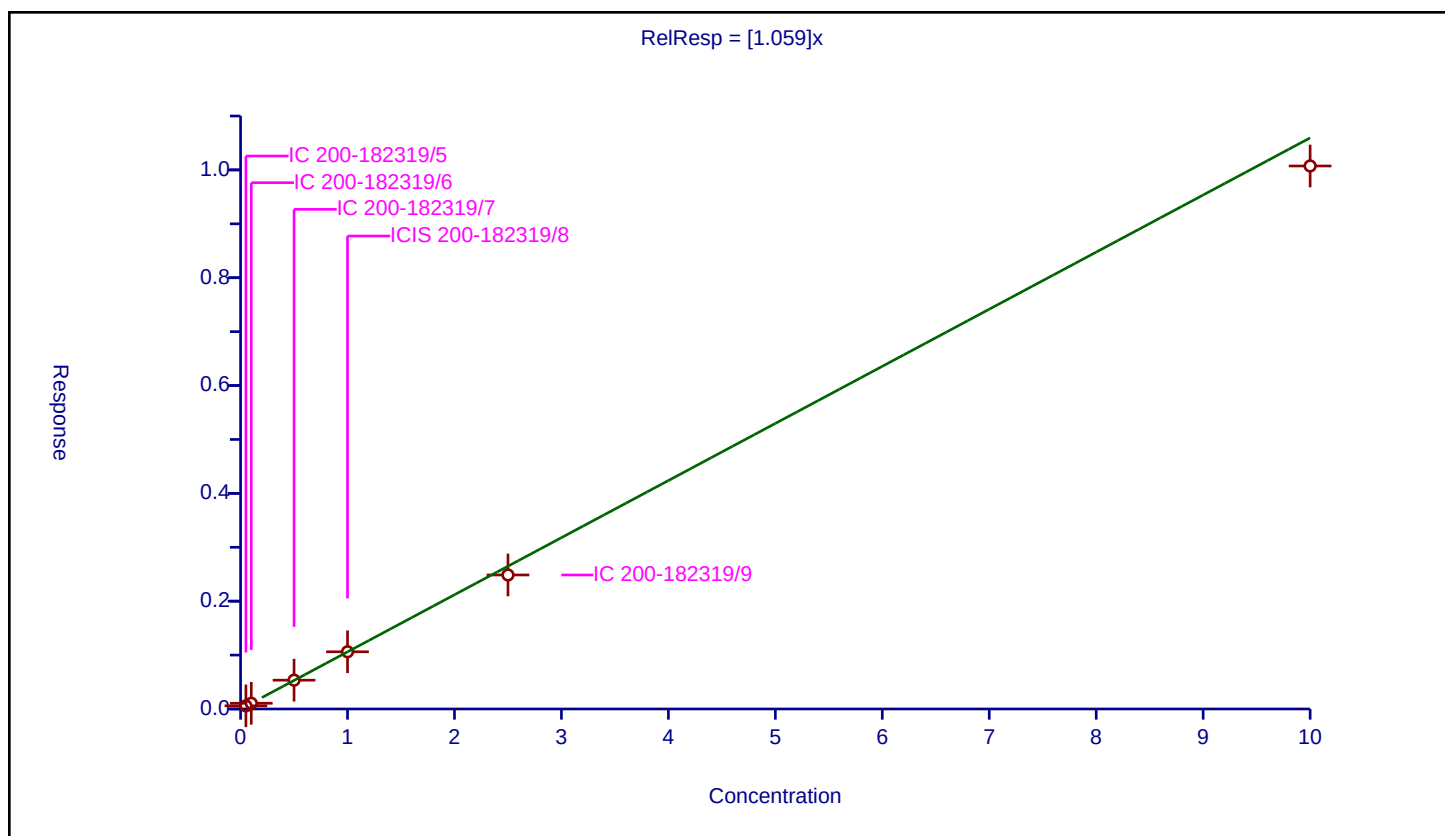
Curve Coefficients

Intercept: 0
Slope: 1.059

Error Coefficients

Standard Error: 4120000
Relative Standard Error: 5.7
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-182319/5	0.05	0.058277	1.25	1125897.0	1.165537	Y
2	IC 200-182319/6	0.1	0.105945	1.25	1204305.0	1.059449	Y
3	IC 200-182319/7	0.5	0.534284	1.25	1177558.0	1.068567	Y
4	ICIS 200-182319/8	1.0	1.061366	1.25	1185895.0	1.061366	Y
5	IC 200-182319/9	2.5	2.485995	1.25	1162923.0	0.994398	Y
6	IC 200-182319/10	10.0	10.073103	1.25	1097436.0	1.00731	Y



Calibration

/ N-ethylperfluorooctanesulfonamidoacetic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

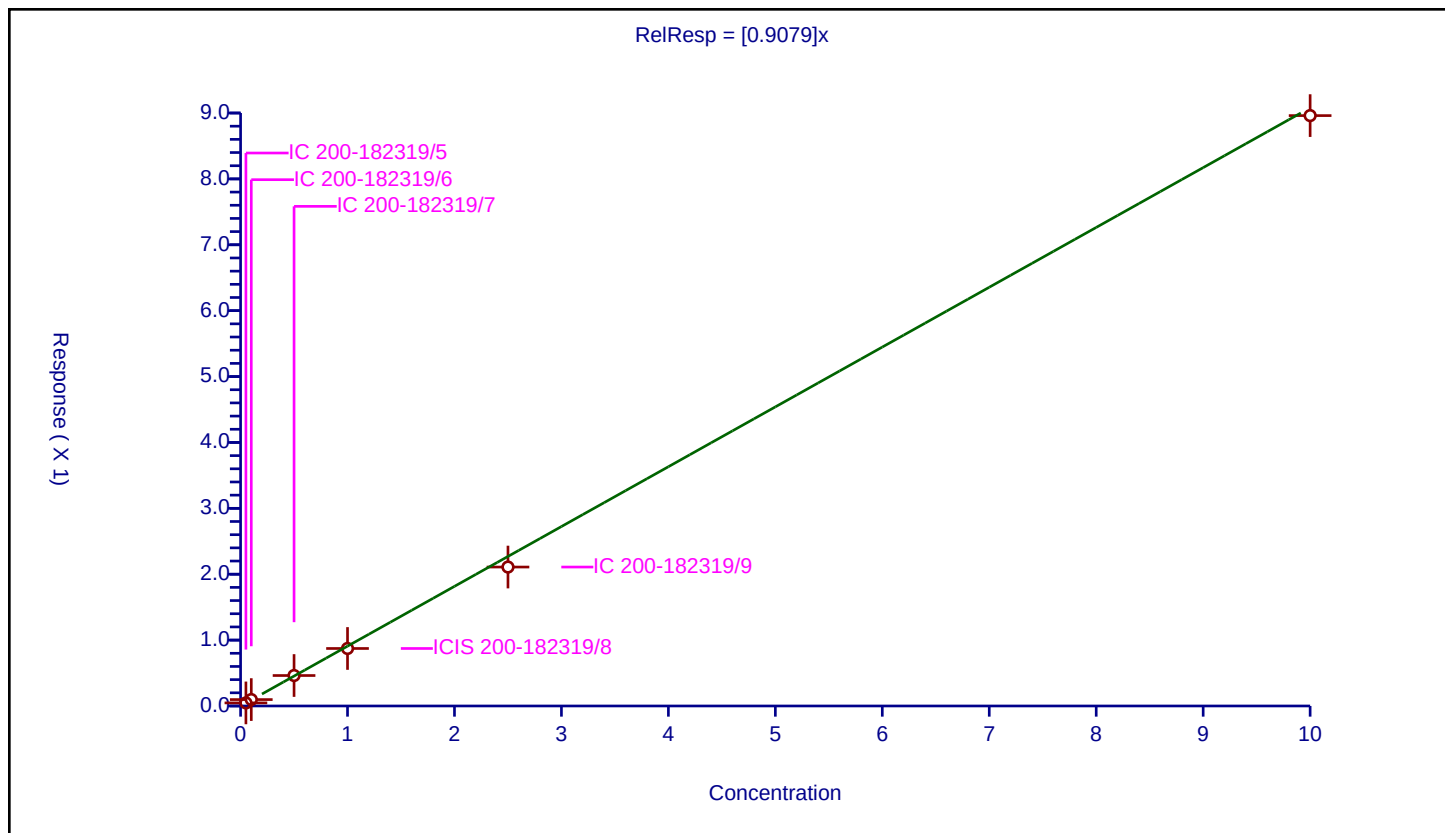
Curve Coefficients

Intercept: 0
 Slope: 0.9079

Error Coefficients

Standard Error: 611000
 Relative Standard Error: 5.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-182319/5	0.05	0.046803	1.25	194163.0	0.936069	Y
2	IC 200-182319/6	0.1	0.097407	1.25	191350.0	0.974066	Y
3	IC 200-182319/7	0.5	0.46255	1.25	194014.0	0.925101	Y
4	ICIS 200-182319/8	1.0	0.872636	1.25	206475.0	0.872636	Y
5	IC 200-182319/9	2.5	2.108856	1.25	195385.0	0.843542	Y
6	IC 200-182319/10	10.0	8.960818	1.25	183559.0	0.896082	Y



Calibration

/ 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

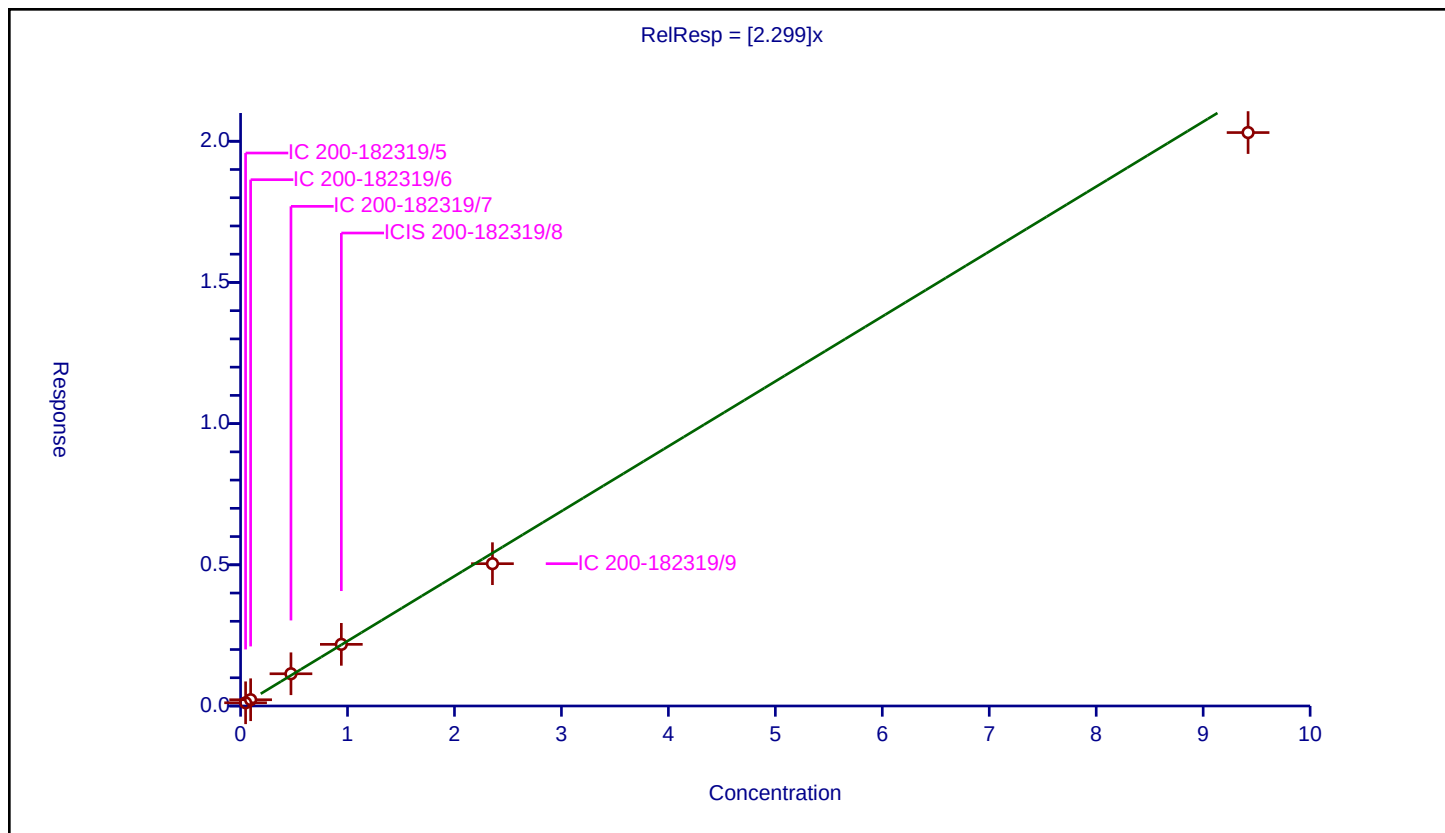
Curve Coefficients

Intercept: 0
 Slope: 2.299

Error Coefficients

Standard Error: 6480000
 Relative Standard Error: 5.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-182319/5	0.0471	0.113603	1.195	814976.0	2.411956	Y
2	IC 200-182319/6	0.0942	0.221022	1.195	840757.0	2.346309	Y
3	IC 200-182319/7	0.471	1.141594	1.195	804391.0	2.423767	Y
4	ICIS 200-182319/8	0.942	2.18289	1.195	867294.0	2.317293	Y
5	IC 200-182319/9	2.355	5.03967	1.195	824732.0	2.139987	Y
6	IC 200-182319/10	9.42	20.307739	1.195	821046.0	2.155811	Y



Calibration

/ Perfluorododecanoic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

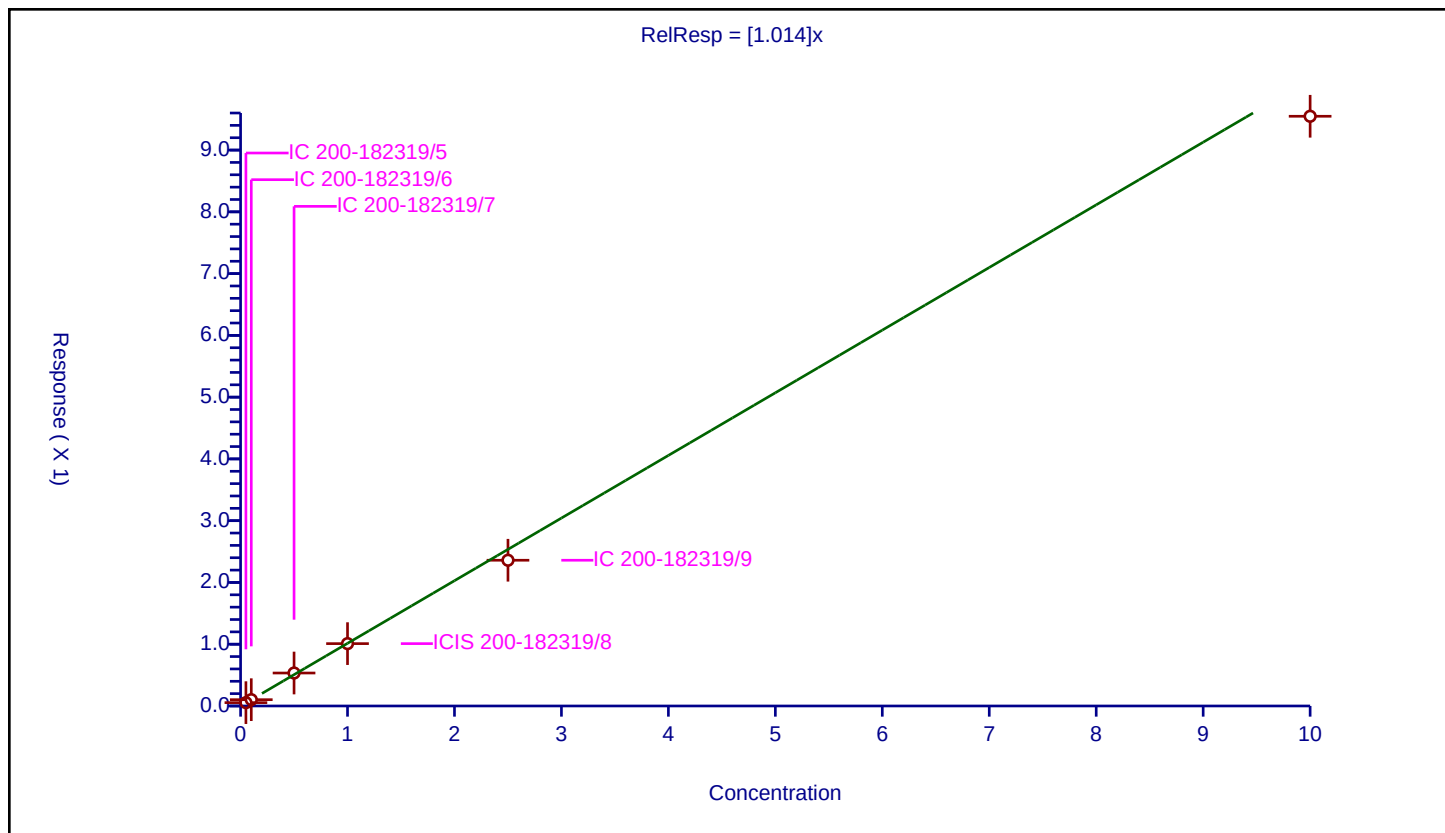
Curve Coefficients

Intercept: 0
 Slope: 1.014

Error Coefficients

Standard Error: 4280000
 Relative Standard Error: 5.7
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.995

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-182319/5	0.05	0.054303	1.25	1154380.0	1.086059	Y
2	IC 200-182319/6	0.1	0.102271	1.25	1231772.0	1.022714	Y
3	IC 200-182319/7	0.5	0.533883	1.25	1166932.0	1.067766	Y
4	ICIS 200-182319/8	1.0	1.009678	1.25	1247905.0	1.009678	Y
5	IC 200-182319/9	2.5	2.359589	1.25	1195679.0	0.943836	Y
6	IC 200-182319/10	10.0	9.547408	1.25	1209177.0	0.954741	Y



Calibration

/ 1H,1H,2H,2H-perfluorododecanesulfonic acid (10:2)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

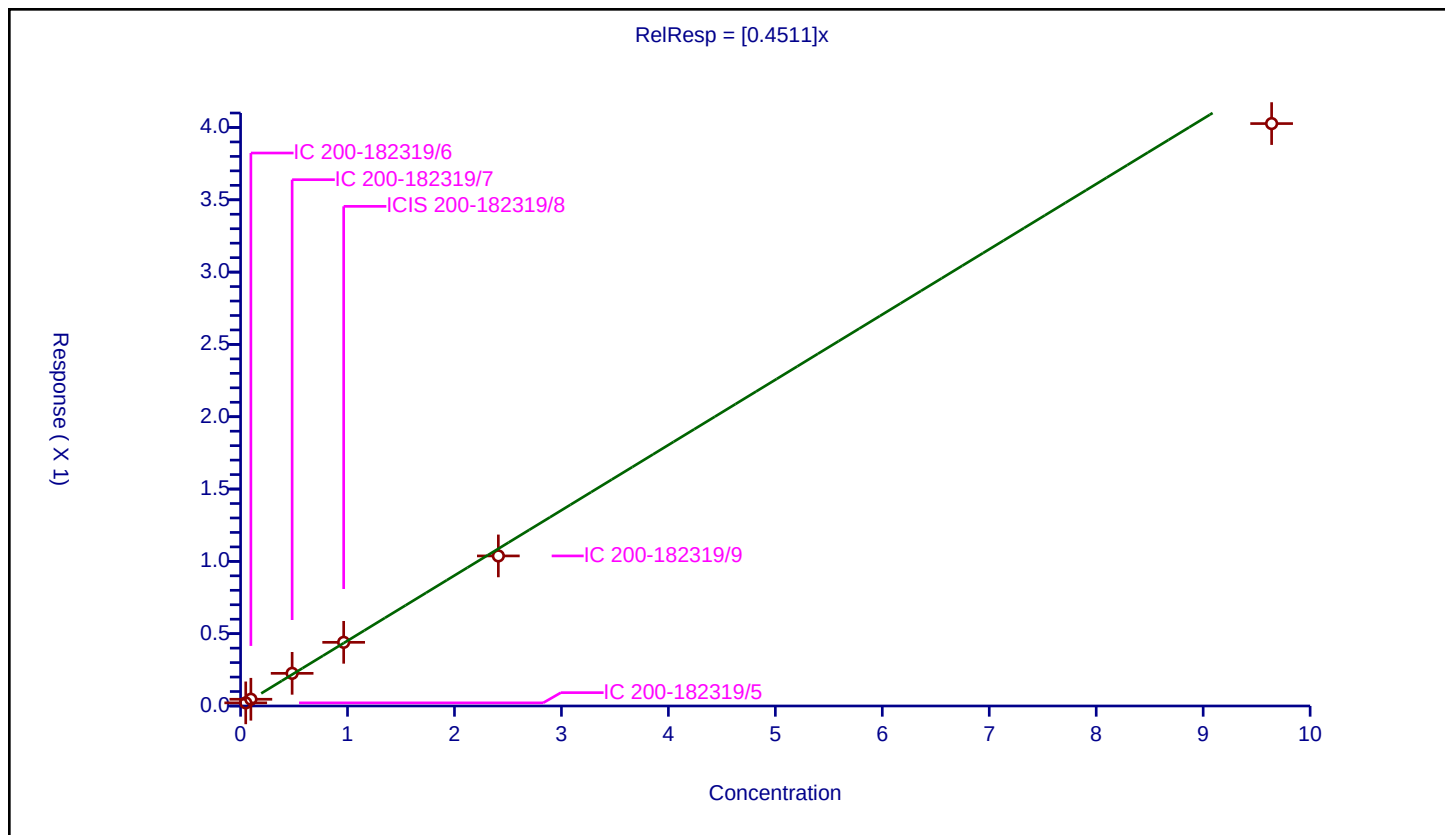
Curve Coefficients

Intercept: 0
 Slope: 0.4511

Error Coefficients

Standard Error: 347000
 Relative Standard Error: 5.4
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.996

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-182319/5	0.0482	0.021673	1.1975	230513.0	0.449653	Y
2	IC 200-182319/6	0.0964	0.046643	1.1975	221797.0	0.483845	Y
3	IC 200-182319/7	0.482	0.225743	1.1975	212018.0	0.468347	Y
4	ICIS 200-182319/8	0.964	0.440201	1.1975	240555.0	0.45664	Y
5	IC 200-182319/9	2.41	1.037659	1.1975	217682.0	0.430564	Y
6	IC 200-182319/10	9.64	4.026991	1.1975	221709.0	0.417738	Y



Calibration

/ Perfluorododecanesulfonic acid (PFDoS)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: IsoDil
Response Base: AREA
RF Rounding: 0

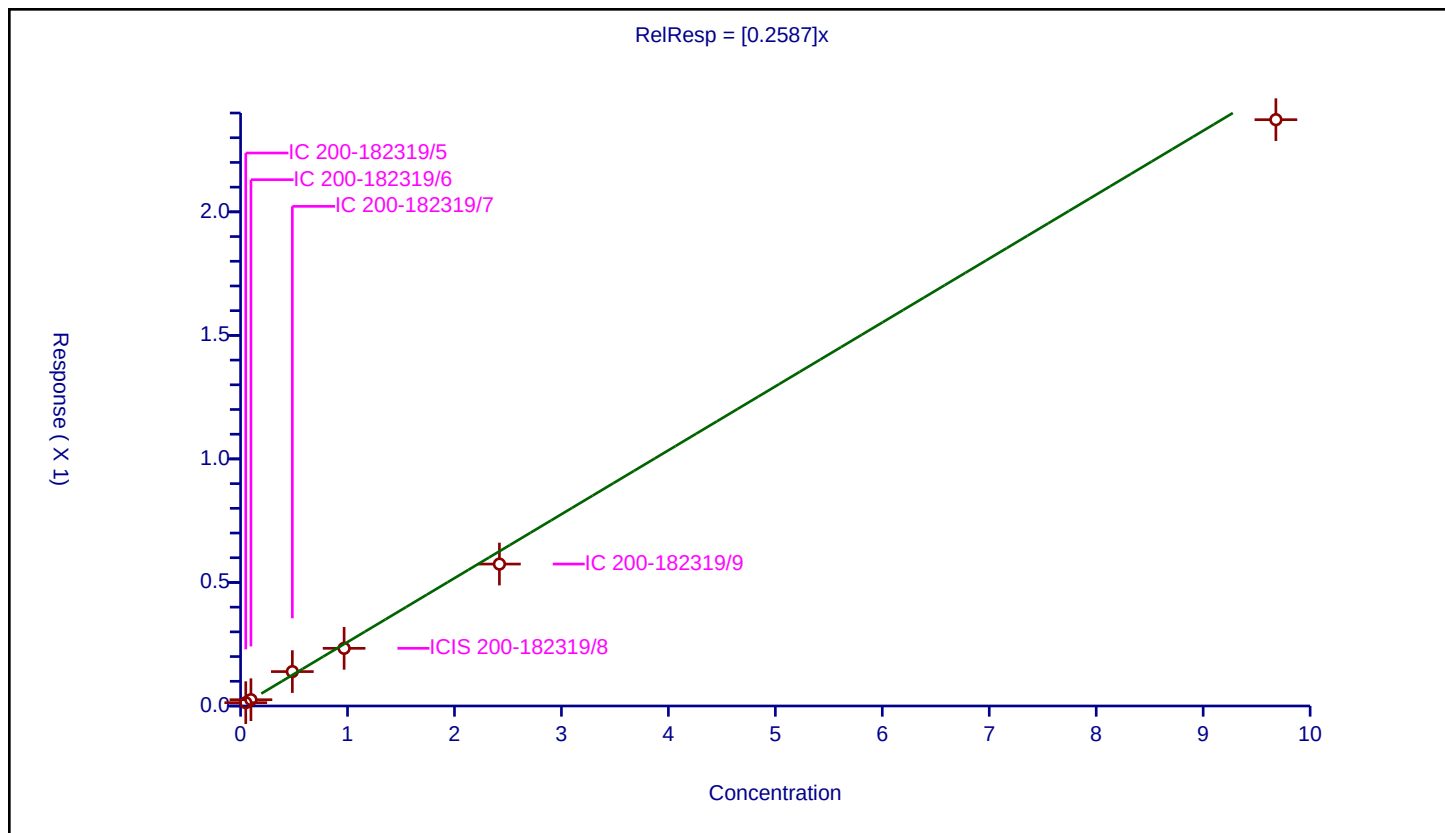
Curve Coefficients

Intercept: 0
Slope: 0.2587

Error Coefficients

Standard Error: 755000
Relative Standard Error: 8.1
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.991

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-182319/5	0.0484	0.013484	1.195	814976.0	0.278597	Y
2	IC 200-182319/6	0.0968	0.025394	1.195	840757.0	0.262331	Y
3	IC 200-182319/7	0.484	0.139218	1.195	804391.0	0.287641	Y
4	ICIS 200-182319/8	0.968	0.233395	1.195	867294.0	0.241111	Y
5	IC 200-182319/9	2.42	0.574418	1.195	824732.0	0.237363	Y
6	IC 200-182319/10	9.68	2.373044	1.195	821046.0	0.245149	Y



Calibration

/ Perfluorotridecanoic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

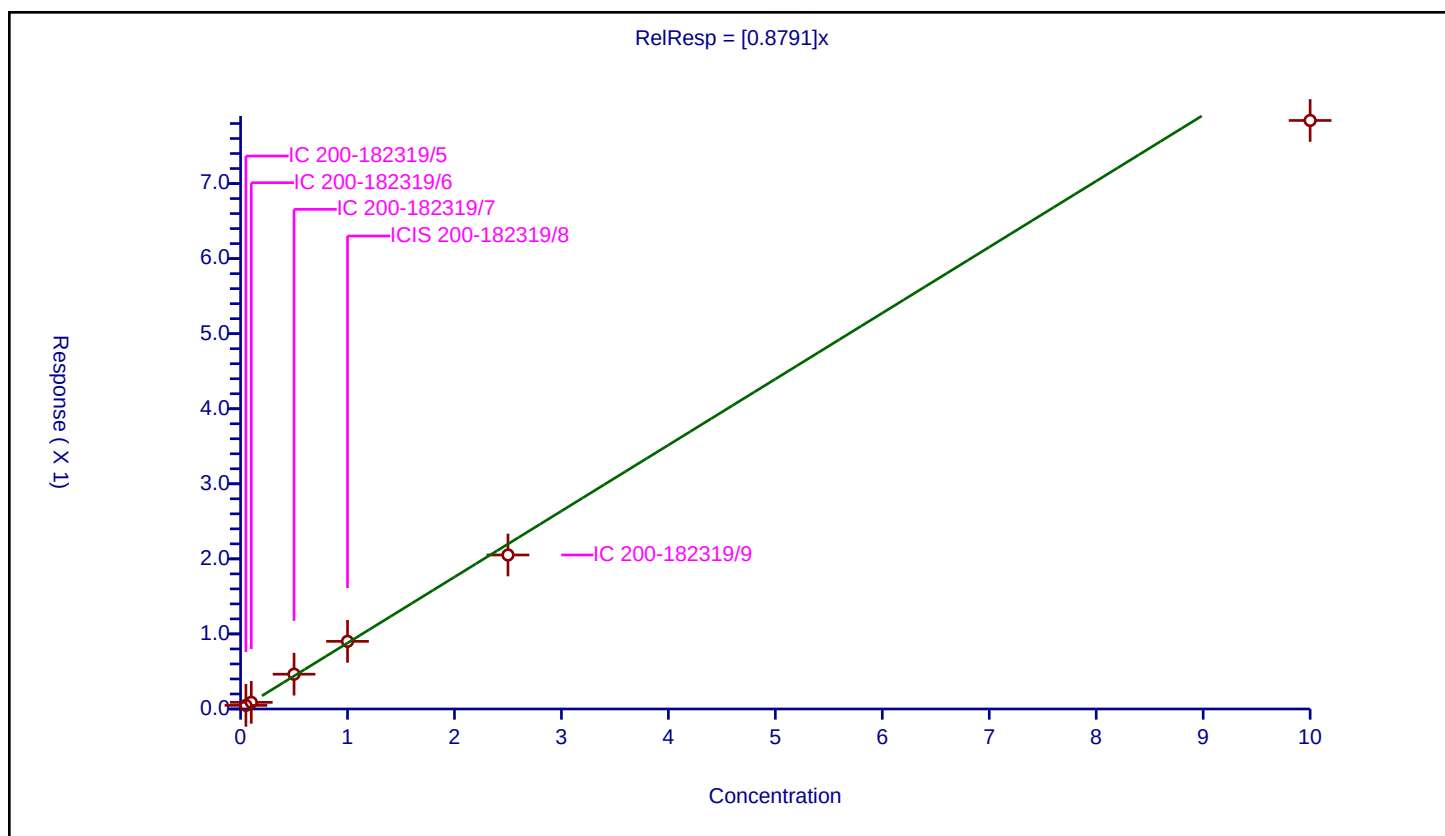
Curve Coefficients

Intercept: 0
 Slope: 0.8791

Error Coefficients

Standard Error: 3530000
 Relative Standard Error: 7.5
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.992

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-182319/5	0.05	0.048004	1.25	1154380.0	0.960082	Y
2	IC 200-182319/6	0.1	0.088153	1.25	1231772.0	0.881535	Y
3	IC 200-182319/7	0.5	0.463621	1.25	1166932.0	0.927241	Y
4	ICIS 200-182319/8	1.0	0.901039	1.25	1247905.0	0.901039	Y
5	IC 200-182319/9	2.5	2.051871	1.25	1195679.0	0.820748	Y
6	IC 200-182319/10	10.0	7.840546	1.25	1209177.0	0.784055	Y



Calibration

/ Perfluorotetradecanoic acid

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: IsoDil
Response Base: AREA
RF Rounding: 0

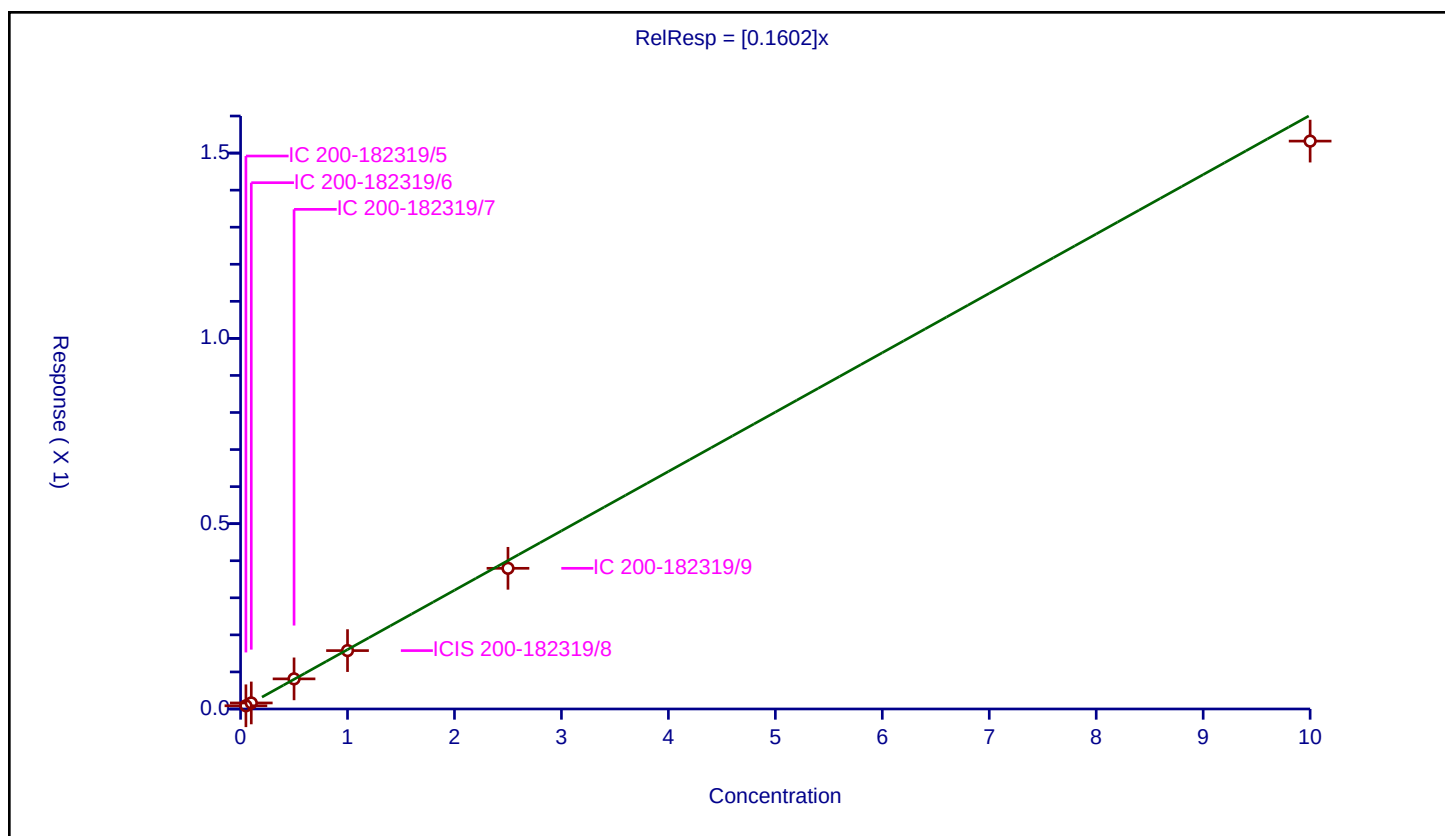
Curve Coefficients

Intercept: 0
Slope: 0.1602

Error Coefficients

Standard Error: 541000
Relative Standard Error: 4.9
Correlation Coefficient: 1.000
Coefficient of Determination (Adjusted): 0.997

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-182319/5	0.05	0.008676	1.25	964763.0	0.173514	Y
2	IC 200-182319/6	0.1	0.016268	1.25	974562.0	0.162676	Y
3	IC 200-182319/7	0.5	0.081237	1.25	969884.0	0.162473	Y
4	ICIS 200-182319/8	1.0	0.157542	1.25	1055713.0	0.157542	Y
5	IC 200-182319/9	2.5	0.379591	1.25	979883.0	0.151836	Y
6	IC 200-182319/10	10.0	1.532263	1.25	949490.0	0.153226	Y



Calibration

/ Perfluorohexadecanoic acid

Curve Type: Linear
 Weighting: Conc
 Origin: None
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

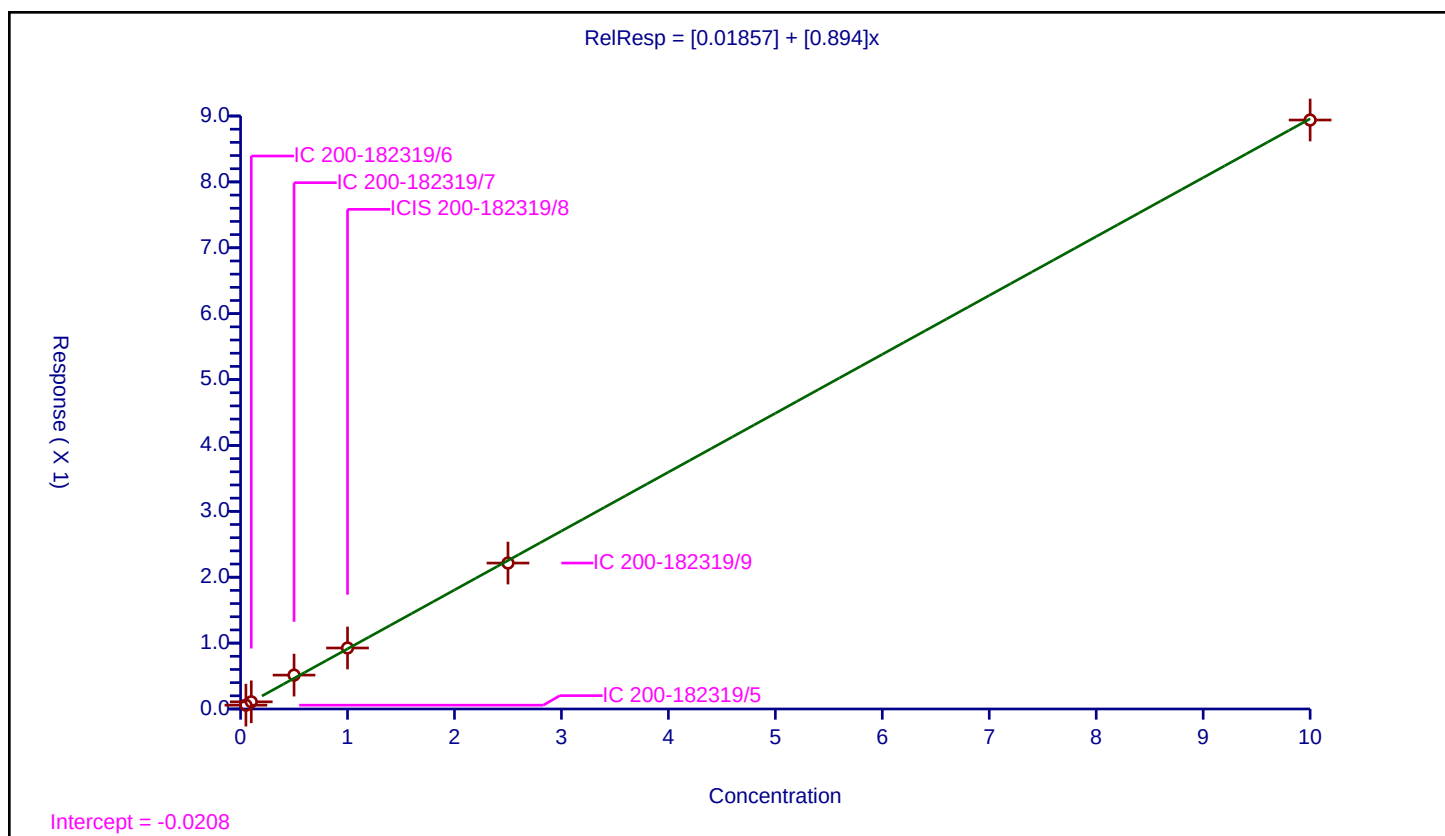
Curve Coefficients

Intercept: 0.01857
 Slope: 0.894

Error Coefficients

Standard Error: 4020000
 Relative Standard Error: 7.9
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.999

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-182319/5	0.05	0.05823	1.25	1128787.0	1.164591	Y
2	IC 200-182319/6	0.1	0.108704	1.25	1136259.0	1.087043	Y
3	IC 200-182319/7	0.5	0.514262	1.25	1043688.0	1.028523	Y
4	ICIS 200-182319/8	1.0	0.926013	1.25	1201939.0	0.926013	Y
5	IC 200-182319/9	2.5	2.21484	1.25	1123333.0	0.885936	Y
6	IC 200-182319/10	10.0	8.939215	1.25	1080090.0	0.893921	Y



Calibration

/ Perfluorooctadecanoic acid

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: IsoDil
 Response Base: AREA
 RF Rounding: 0

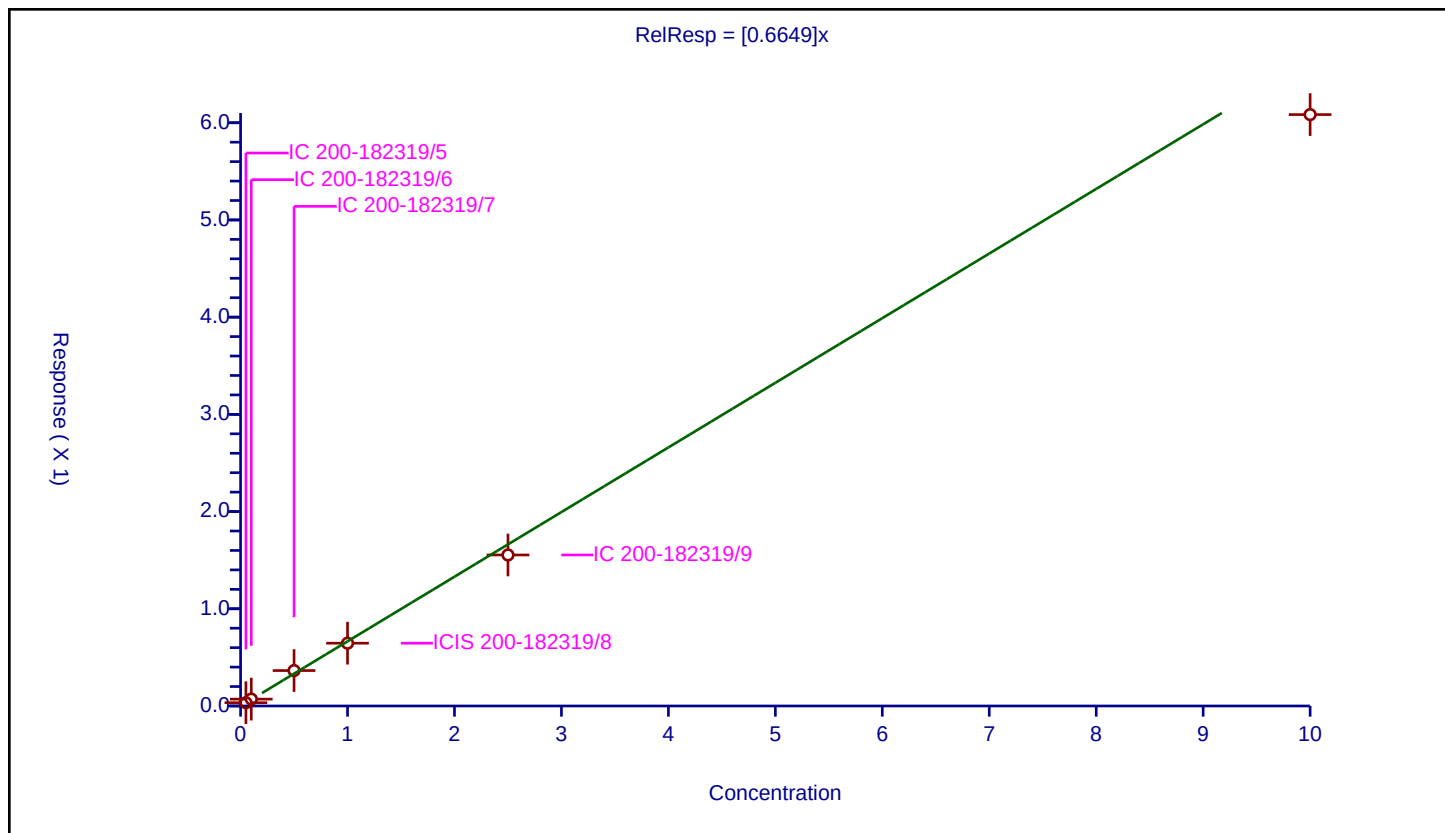
Curve Coefficients

Intercept: 0
 Slope: 0.6649

Error Coefficients

Standard Error: 2450000
 Relative Standard Error: 7.2
 Correlation Coefficient: 1.000
 Coefficient of Determination (Adjusted): 0.993

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 200-182319/5	0.05	0.033874	1.25	1128787.0	0.677475	Y
2	IC 200-182319/6	0.1	0.0707	1.25	1136259.0	0.707002	Y
3	IC 200-182319/7	0.5	0.364545	1.25	1043688.0	0.72909	Y
4	ICIS 200-182319/8	1.0	0.646	1.25	1201939.0	0.646	Y
5	IC 200-182319/9	2.5	1.553621	1.25	1123333.0	0.621448	Y
6	IC 200-182319/10	10.0	6.083758	1.25	1080090.0	0.608376	Y



FORM VII
PFAS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 460-262853-1

SDG No.: _____

Lab Sample ID: ICV 200-182319/12 Calibration Date: 08/03/2022 13:57

Instrument ID: LC812 Calib Start Date: 08/03/2022 13:00

GC Column: C-18 ID: 4.60 (mm) Calib End Date: 08/03/2022 13:41

Lab File ID: PA220803ICAL12.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Perfluorobutanoic acid (PFBA)	AveID	0.9697	0.9460		0.976	1.00	-2.4	30.0
Perfluoropentanoic acid (PFPeA)	AveID	1.031	1.047		1.03	1.01	1.6	30.0
Perfluorobutanesulfonic acid (PFBS)	AveID	1.104	1.066		0.965	1.00	-3.5	30.0
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	AveID	2.377	2.447		1.03	1.00	3.0	30.0
Perfluorohexanoic acid (PFHxA)	AveID	1.043	1.057		1.02	1.01	1.3	30.0
Perfluoropentanesulfonic acid (PFPeS)	AveID	1.297	1.357		1.05	1.00	4.7	30.0
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	AveID	1.075	1.046		0.983	1.01	-2.7	30.0
Perfluoroheptanoic acid (PFHpA)	AveID	1.031	1.001		0.971	1.00	-2.9	30.0
Perfluorohexanesulfonic acid (PFHxS)	AveID	1.103	1.101		1.01	1.01	-0.2	30.0
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	AveID	4.119	4.453		1.08	1.00	8.1	30.0
6:2 FTS	L1ID		1.574		1.06	1.00	6.3	30.0
Perfluoroheptanesulfonic acid (PFHpS)	AveID	1.236	1.278		1.03	1.00	3.4	30.0
Perfluorooctanoic acid (PFOA)	AveID	1.121	1.068		0.952	1.00	-4.8	30.0
Perfluorooctanesulfonic acid (PFOS)	L1ID		0.998		0.995	1.01	-1.5	30.0
Perfluorononanoic acid (PFNA)	AveID	1.017	1.110		1.09	1.00	9.1	30.0
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O)	AveID	1.766	2.004		1.14	1.00	13.5	30.0
Perfluorononanesulfonic acid (PFNS)	AveID	0.7830	0.8099		1.05	1.01	3.4	30.0
Perfluorodecanoic acid (PFDA)	AveID	1.052	1.112		1.06	1.00	5.7	30.0
8:2 FTS	AveID	0.9657	1.032		1.08	1.01	6.8	30.0
Perfluorooctanesulfonamide (FOSA)	AveID	1.019	0.9667		0.949	1.00	-5.1	30.0
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	AveID	0.8881	0.9340		1.05	1.00	5.2	30.0
Perfluorodecanesulfonic acid (PFDS)	AveID	0.5827	0.6537		1.13	1.01	12.2	30.0
Perfluoroundecanoic acid (PFUnA)	AveID	1.059	1.069		1.01	1.00	0.9	30.0
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	AveID	0.9079	0.9689		1.07	1.00	6.7	30.0
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF)	AveID	2.299	2.987		1.30	1.00	29.9	30.0
Perfluorododecanoic acid (PFDoA)	AveID	1.014	1.004		0.990	1.00	-1.0	30.0
1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS)	AveID	0.4511	0.4560		0.974	0.964	1.1	30.0
Perfluorododecanesulfonic acid (PFDoS)	AveID	0.2587	0.2979		1.12	0.968	15.1	30.0

FORM VII
PFAS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 460-262853-1
 SDG No.: _____
 Lab Sample ID: ICV 200-182319/12 Calibration Date: 08/03/2022 13:57
 Instrument ID: LC812 Calib Start Date: 08/03/2022 13:00
 GC Column: C-18 ID: 4.60 (mm) Calib End Date: 08/03/2022 13:41
 Lab File ID: PA220803ICAL12.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Perfluorotridecanoic acid (PFTriA)	AveID	0.8791	0.8186		0.931	1.00	-6.9	30.0
Perfluorotetradecanoic acid (PFTeA)	AveID	0.1602	0.1673		1.04	1.00	4.4	30.0
Perfluoro-n-hexadecanoic acid (PFHxDA)	L1ID		0.9406		1.03	1.00	3.1	30.0
Perfluoro-n-octadecanoic acid (PFODA)	AveID	0.6649	0.6579		0.989	1.00	-1.1	30.0
13C4 PFBA	Ave	1.167	0.7413		0.794	1.25	-36.5	50.0
13C5 PFPeA	Ave	0.8976	0.5635		0.785	1.25	-37.2	50.0
13C3 PFBS	Ave	1.039	0.6618		0.741	1.16	-36.3	50.0
M2-4:2 FTS	Ave	0.0894	0.0590		0.770	1.17	-34.0	50.0
13C2 PFHxA	Ave	0.8962	0.5832		0.813	1.25	-34.9	50.0
13C3 HFPO-DA	Ave	0.1687	0.1132		0.839	1.25	-32.9	50.0
13C4 PFHpA	Ave	0.9296	0.6159		0.828	1.25	-33.7	50.0
18O2 PFHxS	Ave	0.7305	0.4759		0.770	1.18	-34.8	50.0
M2-6:2 FTS	Ave	0.1223	0.0831		0.807	1.19	-32.0	50.0
13C4 PFOA	Ave	0.9525	0.6382		0.837	1.25	-33.0	50.0
13C4 PFOS	Ave	0.5455	0.3421		0.750	1.20	-37.3	50.0
13C5 PFNA	Ave	0.9889	0.6643		0.840	1.25	-32.8	50.0
13C2 PFDA	Ave	0.9624	0.6127		0.796	1.25	-36.3	50.0
M2-8:2 FTS	Ave	0.1471	0.0995		0.810	1.20	-32.4	50.0
13C8 FOSA	Ave	0.8423	0.5579		0.828	1.25	-33.8	50.0
d3-NMeFOSAA	Ave	0.1290	0.0832		0.806	1.25	-35.5	50.0
13C2 PFUnA	Ave	0.7292	0.4694		0.805	1.25	-35.6	50.0
d5-NEtFOSAA	Ave	0.1221	0.0750		0.767	1.25	-38.6	50.0
13C2 PFDoA	Ave	0.7556	0.4925		0.815	1.25	-34.8	50.0
13C2 PFTeDA	Ave	0.6177	0.4097		0.829	1.25	-33.7	50.0
13C2 PFHxDA	Ave	0.7037	0.4602		0.817	1.25	-34.6	50.0

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 03-Aug-2022 13:57:30 ALS Bottle#: 9 Worklist Smp#: 12
 Injection Vol: 20.0 ul Dil. Factor: 1.0000
 Sample Info: ICV
 Misc. Info.: 200-0051940-012 Plate: 1 Rack: 1
 Operator ID: lc812tech Instrument ID: LC812
 Sublist:
 Method: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PFC_LC812.m
 Limit Group: LC_PFC_ICAL
 Last Update: 04-Aug-2022 08:27:14 Calib Date: 03-Aug-2022 13:41:11
 Integrator: Picker
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
 Column 1 : C-18 (4.60 mm) Det: EXP1
 Process Host: CTX1631

First Level Reviewer: Z1IP

Date: 03-Aug-2022 15:25:02

Ratio Calibration: Initial Calibration Level: 4

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	2.085	2.085	0.0	0.599	2077411	0.7940		63.5	11711	
2 Perfluorobutanoic acid										M
212.90 > 169.00	2.085	2.085	0.0	1.000	1572247	0.9756			205	M
D 3 13C5 PFPeA										
267.90 > 223.00	2.400	2.400	0.0	0.689	1579251	0.7848		62.8	3565	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.400	2.400	0.0	1.000	1336139	1.03			55.7	
D 47 13C3 PFBS										
301.90 > 80.00	2.413	2.413	0.0	0.693	1724804	0.7407		63.7	266445	
5 Perfluorobutanesulfonic acid										M
298.90 > 80.00	2.413	2.413	0.0	1.000	1580960	0.9653	Target=2.23		1451	M
298.90 > 99.00	2.413	2.413	0.0	1.000	753866		2.10(1.11-3.34)		607	
D 60 M2-4:2 FTS										
329.00 > 81.00	2.713	2.713	0.0	0.779	154386	0.7701		66.0	163	
61 1H,1H,2H,2H-perfluorohexanesulfo										
327.00 > 307.00	2.713	2.713	0.0	1.000	323614	1.03			3105	
6 Perfluorohexanoic acid										M
313.00 > 269.00	2.749	2.750	-0.001	1.000	1395731	1.02	Target=12.24		302	M
313.00 > 119.00	2.749	2.750	-0.001	1.000	110153		12.67(6.12-18.36)		193	M
D 7 13C2 PFHxA										
315.00 > 270.00	2.749	2.750	-0.001	0.790	1634296	0.8134		65.1	3427	
70 Perfluoropentanesulfonic acid										M
349.00 > 80.00	2.762	2.762	0.0	0.885	1448133	1.05	Target=2.95		1363	M
349.00 > 99.00	2.762	2.762	0.0	0.885	482893		3.00(1.48-4.43)		862	M
67 Perfluoro(2-propoxypropanoic) ac										M
285.00 > 169.00	2.859	2.859	0.0	1.000	268085	0.9829			2120	M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 64 13C3 HFPO-DA										
287.00 > 169.00	2.859	2.859	0.0	0.821	317282	0.8390		67.1	1519	
D 9 13C4 PFHpA										
367.00 > 322.00	3.121	3.121	0.0	0.896	1726109	0.8282		66.3	2974	
10 Perfluoroheptanoic acid										M
363.00 > 319.00	3.121	3.121	0.0	1.000	1382157	0.9712	Target=3.73		399	M
363.00 > 169.00	3.121	3.121	0.0	1.000	361324		3.83(1.86-5.59)		709	
D 11 18O2 PFHxS										
403.00 > 84.00	3.121	3.121	0.0	0.896	1261733	0.7704		65.2	2565	
8 Perfluorohexanesulfonic acid										M
399.00 > 80.00	3.121	3.121	0.0	1.000	1186420	1.01	Target=3.43		1060	M
399.00 > 99.00	3.121	3.121	0.0	1.000	317682		3.73(1.72-5.15)		427	M
77 DONA										M
377.00 > 251.00	3.165	3.165	0.0	0.833	3415601	1.08	Target=2.84		2869	
377.00 > 85.00	3.165	3.165	0.0	0.833	1181754		2.89(1.42-4.26)		1265	M
D 12 M2-6:2 FTS										
429.00 > 81.00	3.473	3.474	-0.001	0.997	221205	0.8070		68.0	483	M
13 1H,1H,2H,2H-perfluorooctanesulfo										M
427.00 > 407.00	3.473	3.474	-0.001	1.000	293223	1.06			388	M
16 Perfluoroheptanesulfonic acid										M
449.00 > 80.00	3.473	3.474	-0.001	0.914	980236	1.03	Target=4.89		1422	M
449.00 > 99.00	3.473	3.474	-0.001	0.914	199020		4.93(2.44-7.33)		733	M
15 Perfluorooctanoic acid										M
413.00 > 369.00	3.481	3.482	-0.001	1.000	1527957	0.9523	Target=2.67		168	M
413.00 > 169.00	3.481	3.482	-0.001	1.000	582551		2.62(1.34-4.01)		963	M
D 14 13C4 PFOA										
417.00 > 372.00	3.481	3.482	-0.001	1.000	1788434	0.8375		67.0	2481	
* 62 13C2 PFOA										
415.00 > 370.00	3.481	3.482	-0.001		2802391	1.25			2953	M
17 Perfluorooctanesulfonic acid										M
499.00 > 80.00	3.801	3.802	-0.001	1.000	773514	1.00	Target=4.88		404	M
499.00 > 99.00	3.801	3.802	-0.001	1.000	156755		4.93(2.44-7.32)		333	M
D 18 13C4 PFOS										
503.00 > 80.00	3.801	3.802	-0.001	1.092	916636	0.7496		62.7	1810	M
D 19 13C5 PFNA										
468.00 > 423.00	3.821	3.822	-0.001	1.098	1861564	0.8397		67.2	2188	M
20 Perfluorononanoic acid										M
463.00 > 419.00	3.821	3.822	-0.001	1.000	1653363	1.09	Target=8.23		473	
463.00 > 169.00	3.821	3.822	-0.001	1.000	209775		7.88(4.11-12.34)		1374	M
69 9-Chlorohexadecafluoro-3-oxanona										M
531.00 > 351.00	3.969	3.969	0.0	1.044	1537545	1.13			3091	M
68 Perfluorononanesulfonic acid										M
549.00 > 80.00	4.104	4.093	0.011	1.080	627438	1.04	Target=2.53		1641	M
549.00 > 99.00	4.104	4.093	0.011	1.080	256410		2.45(1.26-3.79)		882	M
25 1H,1H,2H,2H-perfluorodecanesulfo										M
527.00 > 507.00	4.138	4.127	0.011	1.000	232301	1.08			740	M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
24 Perfluorodecanoic acid										M
513.00 > 469.00	4.127	4.127	0.0	1.000	1526795	1.06	Target=9.67	818		M
513.00 > 169.00	4.127	4.127	0.0	1.000	168907		9.04(4.83-14.50)	934		
D 23 13C2 PFDA										M
515.00 > 470.00	4.127	4.127	0.0	1.185	1716953	0.7957		63.7	1817	M
D 26 M2-8:2 FTS										M
529.00 > 81.00	4.138	4.138	0.0	1.189	267004	0.8096		67.6	985	M
D 21 13C8 FOSA										M
506.00 > 78.00	4.173	4.173	0.0	1.199	1563396	0.8279		66.2	1641	M
22 Perfluorooctanesulfonamide										M
498.00 > 78.00	4.184	4.173	0.011	1.003	1209120	0.9487			1372	M
28 N-methylperfluorooctanesulfonami										M
570.00 > 419.00	4.273	4.273	0.0	1.000	174136	1.05			412	M
D 27 d3-NMeFOSAA										M
573.00 > 419.00	4.273	4.273	0.0	1.227	233049	0.8058		64.5	781	M
29 Perfluorodecanesulfonic acid										M
599.00 > 80.00	4.365	4.365	0.0	1.148	506441	1.13	Target=2.80		1758	M
599.00 > 99.00	4.365	4.365	0.0	1.148	184002		2.75(1.40-4.20)		722	M
31 Perfluoroundecanoic acid										M
563.00 > 519.00	4.398	4.399	-0.001	1.000	1125072	1.01	Target=9.07		736	M
563.00 > 169.00	4.398	4.399	-0.001	1.000	123605		9.10(4.54-13.61)		471	
D 30 13C2 PFUnA										M
565.00 > 520.00	4.398	4.399	-0.001	1.263	1315326	0.8046		64.4	1327	M
33 N-ethylperfluorooctanesulfonamid										M
584.00 > 419.00	4.410	4.410	0.0	1.000	162832	1.07			818	M
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.410	4.410	0.0	1.267	210080	0.7675		61.4	896	
66 11-Chloroeicosafuoro-3-oxaundec										M
631.00 > 451.00	4.504	4.491	0.013	1.185	2291190	1.30			1858	M
D 36 13C2 PFDoA										M
615.00 > 570.00	4.633	4.633	0.0	1.331	1380113	0.8147		65.2	2059	M
37 Perfluorododecanoic acid										M
613.00 > 569.00	4.633	4.633	0.0	1.000	1108763	0.99	Target=6.97		140	
613.00 > 169.00	4.633	4.633	0.0	1.000	162557		6.82(3.48-10.45)		571	M
74 1H,1H,2H,2H-perfluorododecanesul										
627.00 > 607.00	4.654	4.654	0.0	1.125	98005	0.9743			903	
75 Perfluorododecanesulfonic acid (										M
699.00 > 80.00	4.813	4.813	0.0	1.266	221186	1.11	Target=0.52		1301	M
699.00 > 99.00	4.813	4.813	0.0	1.266	409515		0.54(0.26-0.79)		2011	M
41 Perfluorotridecanoic acid										M
663.00 > 619.00	4.859	4.859	0.0	1.049	903791	0.9311	Target=4.56		131	M
663.00 > 169.00	4.859	4.859	0.0	1.049	203457		4.44(2.28-6.84)		325	M
D 43 13C2 PFTeDA										
715.00 > 670.00	5.052	5.052	0.0	1.451	1148138	0.8291		66.3	6639	
42 Perfluorotetradecanoic acid										M
713.00 > 169.00	5.052	5.052	0.0	1.000	153673	1.04	Target=0.94		531	M
713.00 > 219.00	5.052	5.052	0.0	1.000	163334		0.94(0.47-1.41)		288	M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 44 13C2 PFHxDA										M
815.00 > 770.00	5.422	5.422	0.0	1.557	1289531	0.8174		65.4	2525	M
45 Perfluorohexadecanoic acid										M
813.00 > 769.00	5.422	5.422	0.0	1.000	970321	1.03	Target=4.38		196	
813.00 > 169.00	5.422	5.422	0.0	1.000	221132		4.39(2.19-6.57)		1038	M
46 Perfluorooctadecanoic acid										M
913.00 > 869.00	5.786	5.786	0.0	1.067	678664	0.9894	Target=4.31		149	M
913.00 > 169.00	5.776	5.786	-0.010	1.065	160592		4.23(2.16-6.47)		646	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

LCPFAS28NCICV_00009

Amount Added: 100.00

Units: uL

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d

Injection Date: 03-Aug-2022 13:57:30

Instrument ID: LC812

Lims ID: ICV

Client ID:

Operator ID: lc812tech

ALS Bottle#: 9

Worklist Smp#: 12

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

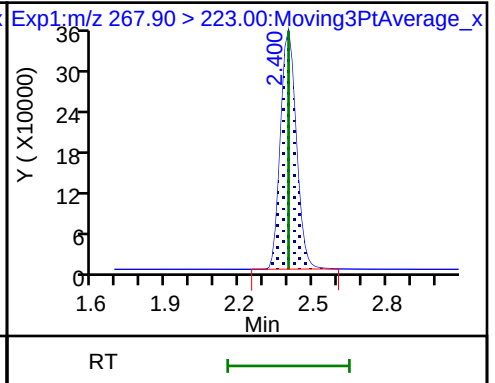
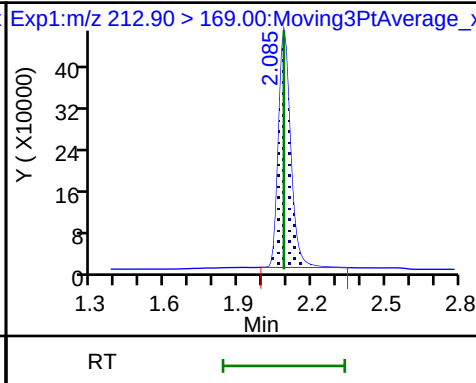
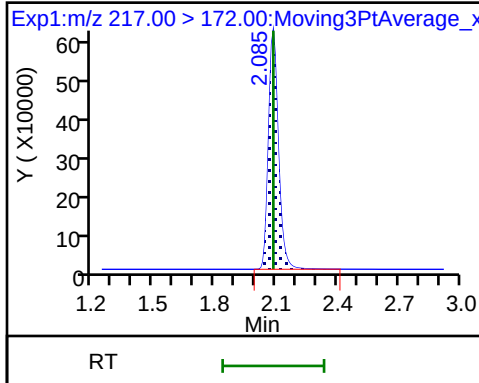
Method: PFC_LC812

Limit Group: LC_PFC_ICAL

D 1 13C4 PFBA

2 Perfluorobutanoic acid (M)

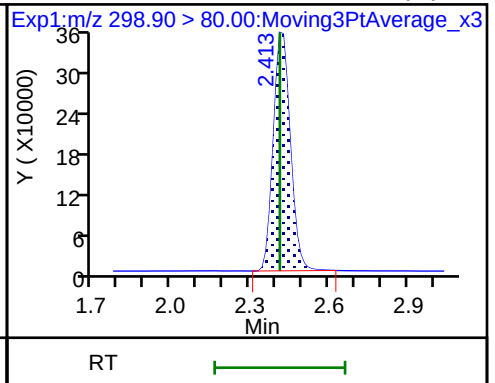
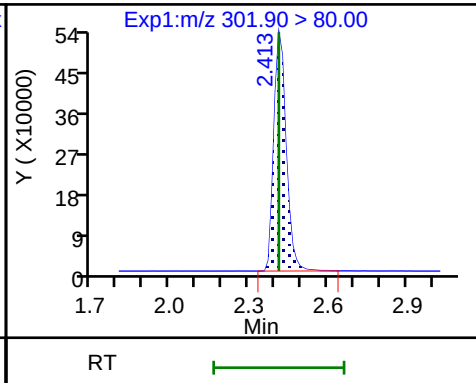
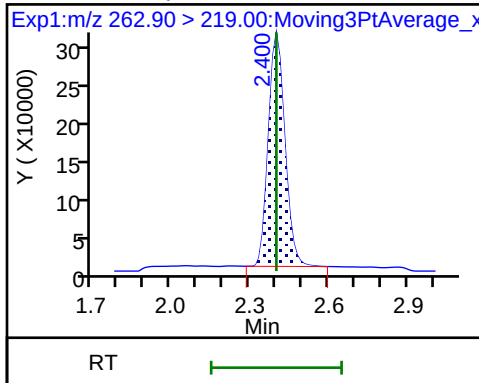
D 3 13C5 PFPeA



4 Perfluoropentanoic acid

D 47 13C3 PFBS

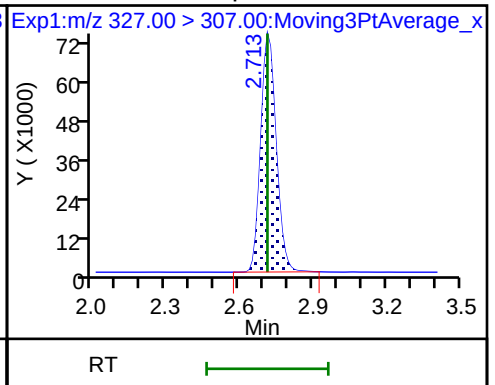
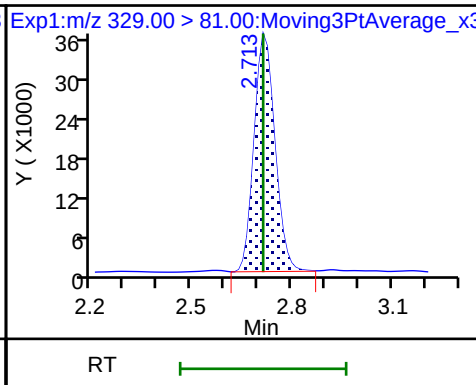
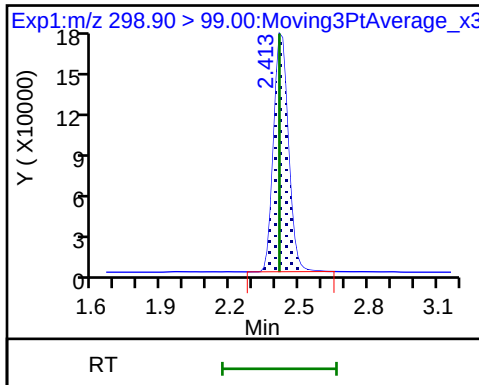
5 Perfluorobutanesulfonic acid (M)



5 Perfluorobutanesulfonic acid

D 60 M2-4:2 FTS

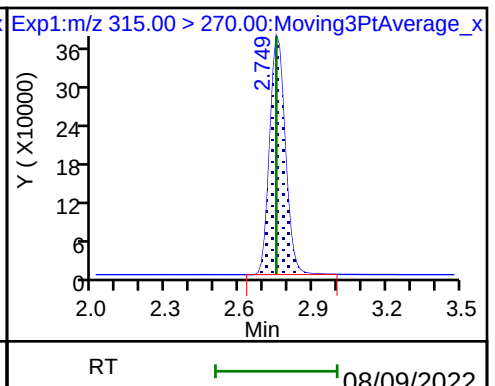
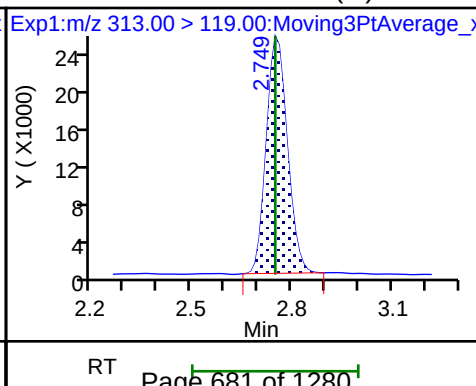
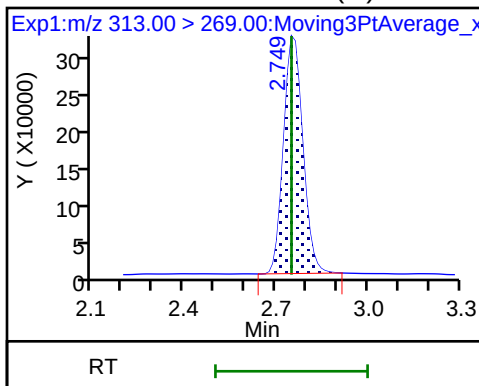
61 1H,1H,2H,2H-perfluorohexanesulfo



6 Perfluorohexanoic acid (M)

6 Perfluorohexanoic acid (M)

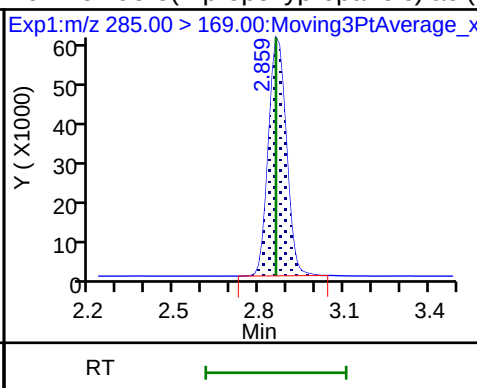
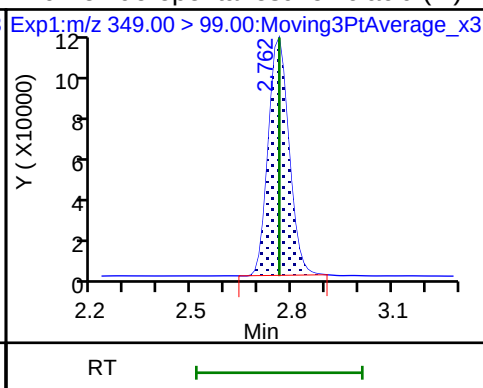
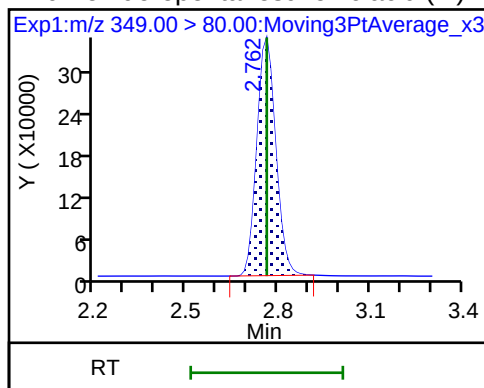
D 7 13C2 PFHxA



70 Perfluoropentanesulfonic acid (M)

70 Perfluoropentanesulfonic acid (M)

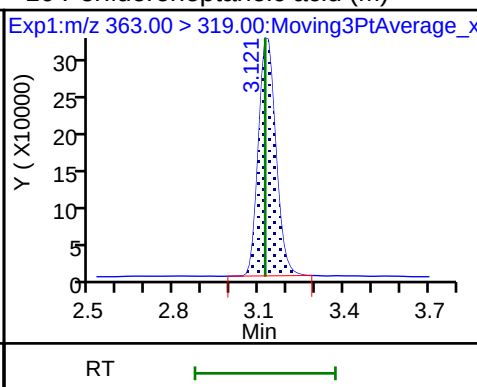
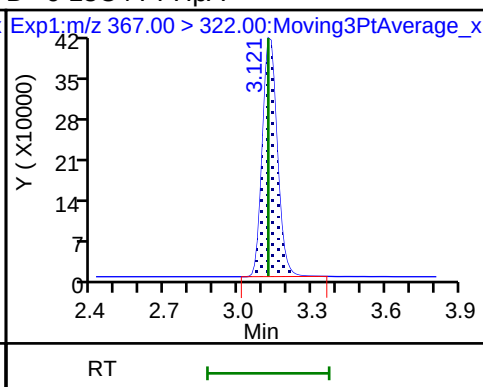
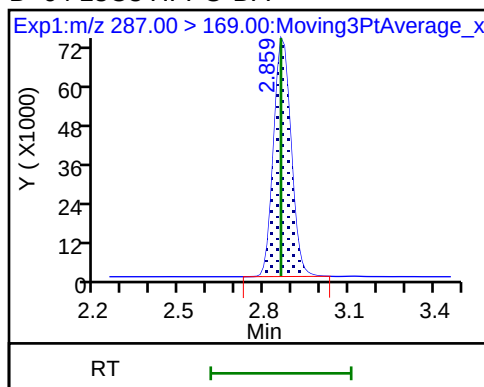
67 Perfluoro(2-propoxypropanoic) ac (M)



D 64 13C3 HFPO-DA

D 9 13C4 PFHpA

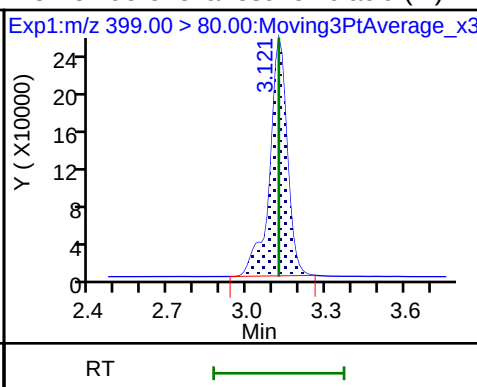
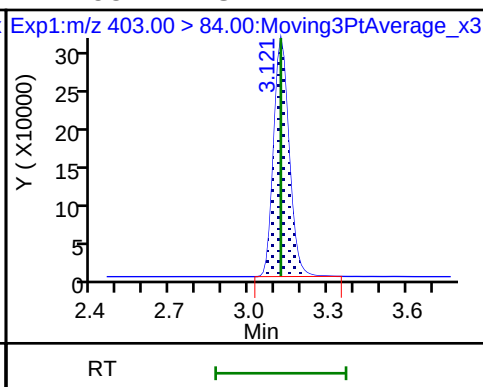
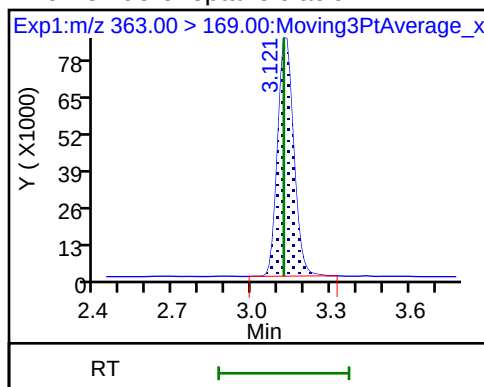
10 Perfluoroheptanoic acid (M)



10 Perfluoroheptanoic acid

D 11 18O2 PFHxS

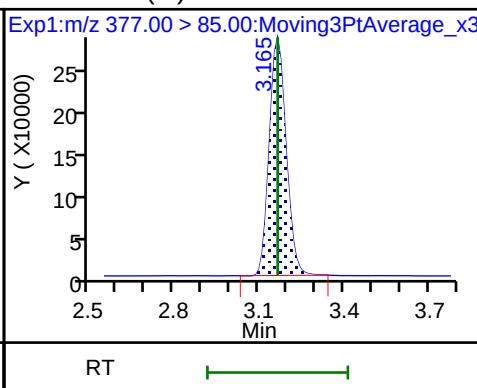
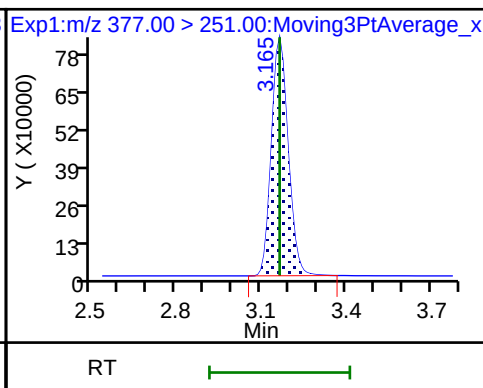
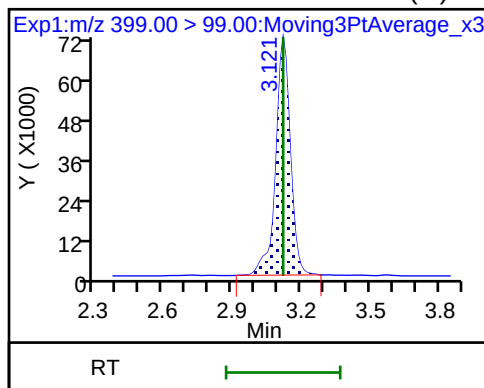
8 Perfluorohexanesulfonic acid (M)



8 Perfluorohexanesulfonic acid (M)

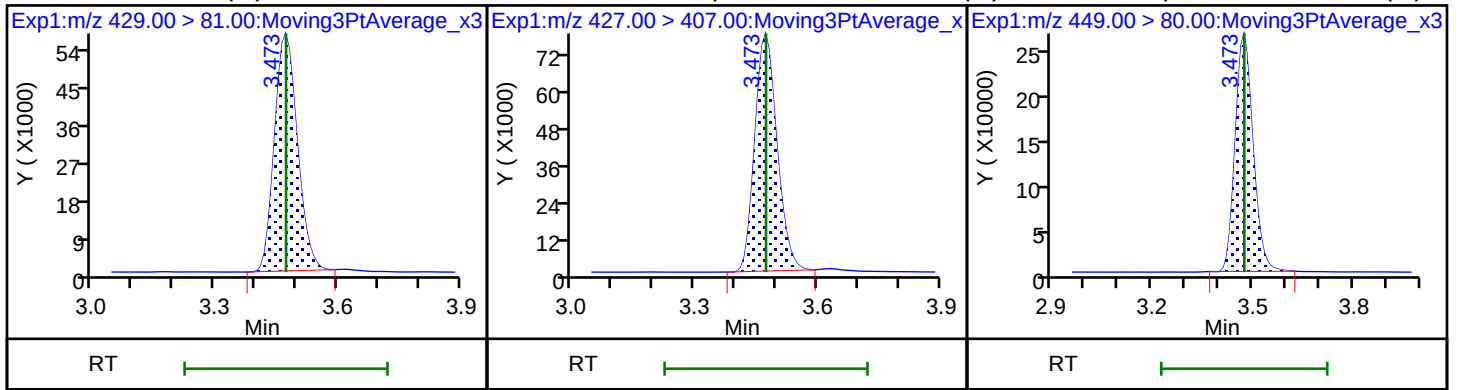
77 DONA

77 DONA (M)



D 12 M2-6:2 FTS (M)

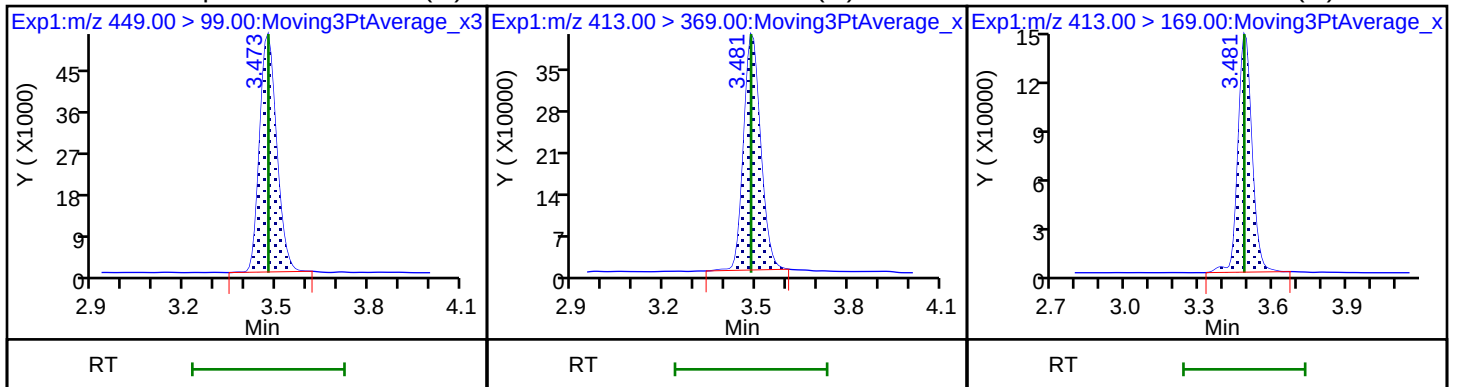
13 1H,1H,2H,2H-perfluorooctanesulfo (M) 16 Perfluoroheptanesulfonic acid (M)



16 Perfluoroheptanesulfonic acid (M)

15 Perfluorooctanoic acid (M)

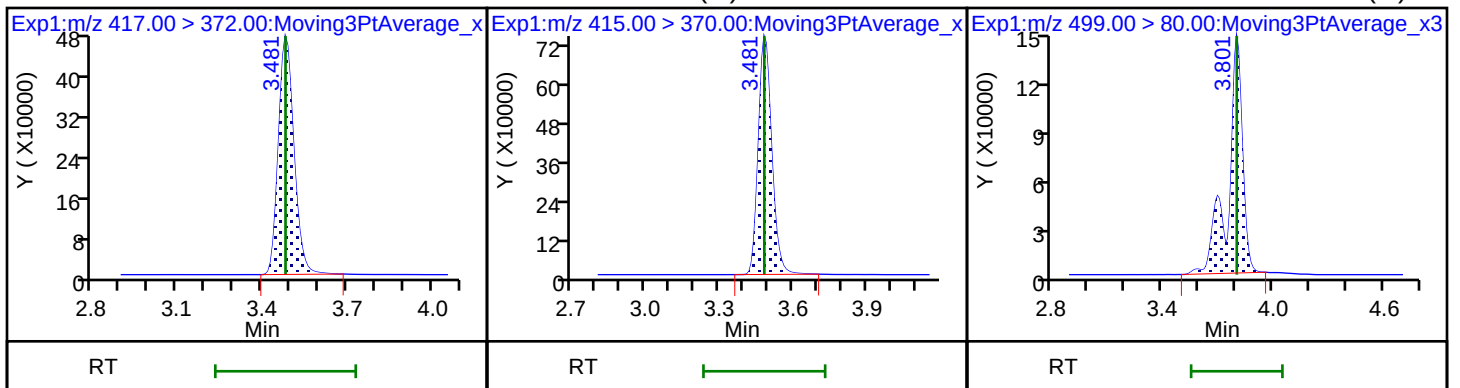
15 Perfluorooctanoic acid (M)



D 14 13C4 PFOA

* 62 13C2 PFOA (M)

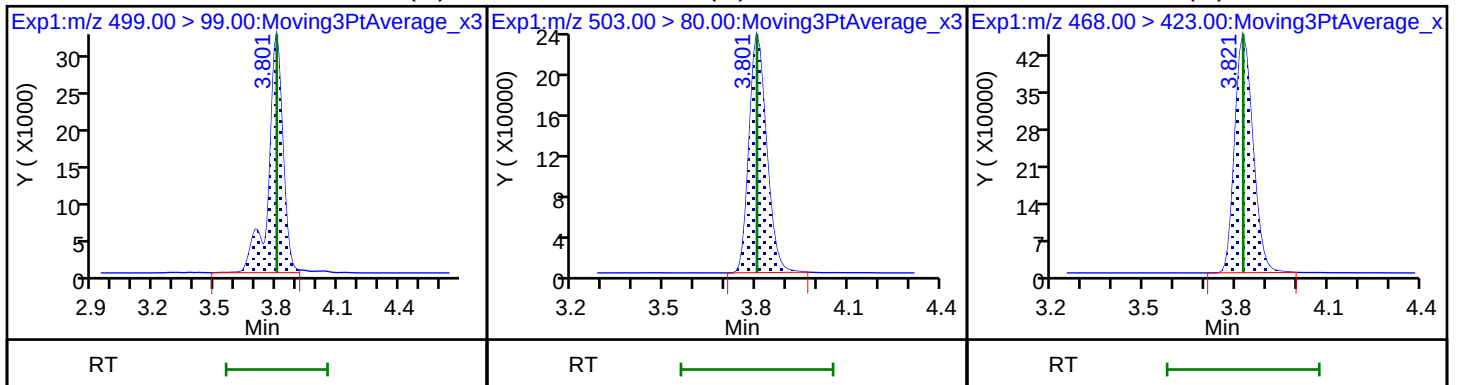
17 Perfluorooctanesulfonic acid (M)

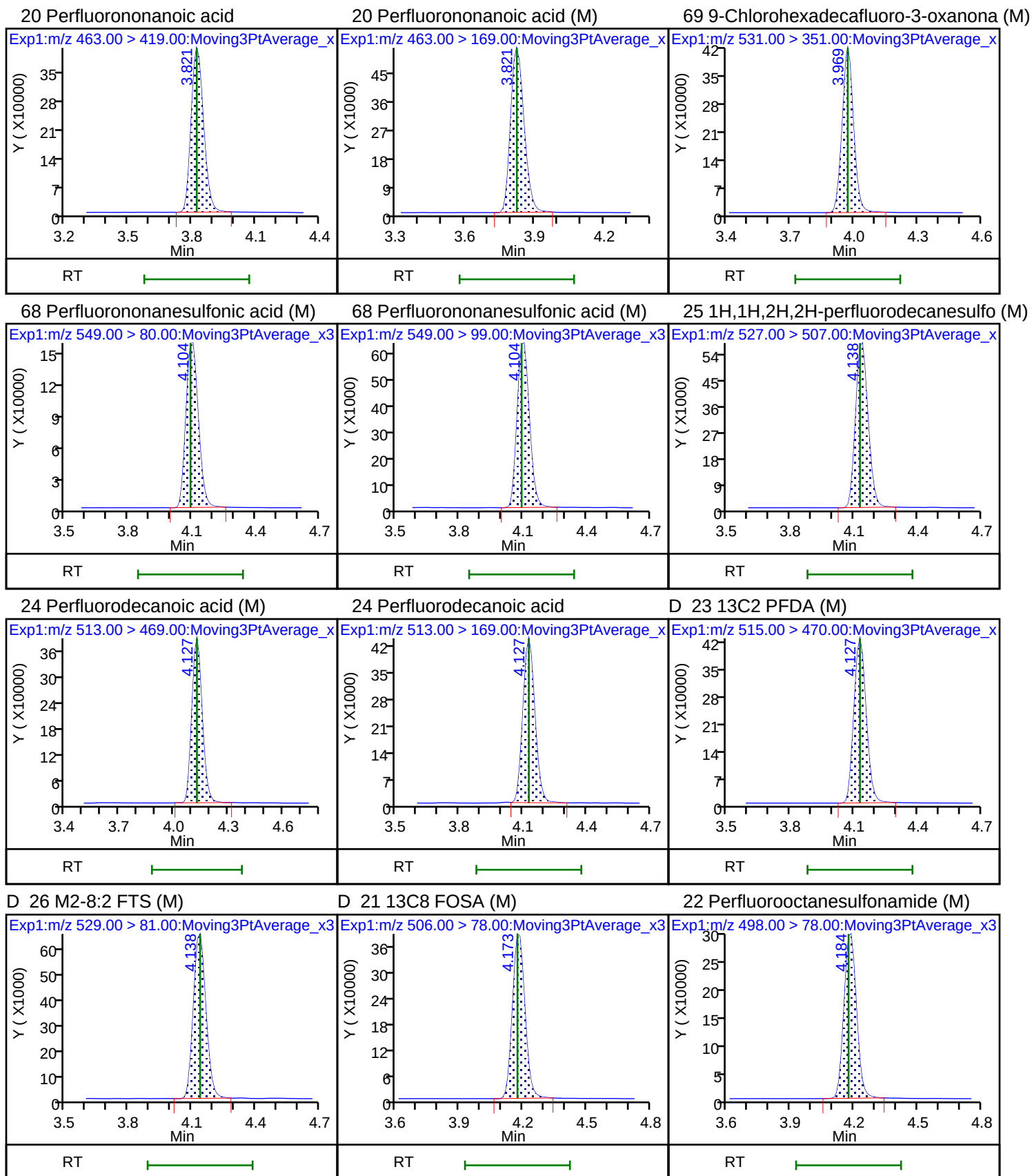


17 Perfluorooctanesulfonic acid (M)

D 18 13C4 PFOS (M)

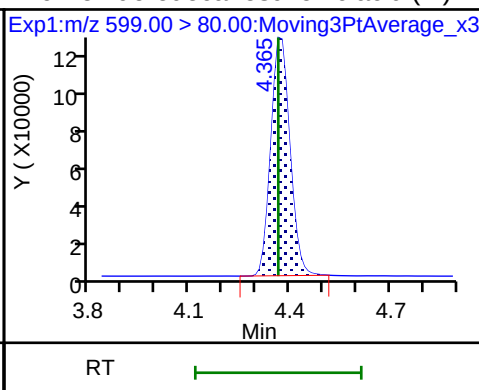
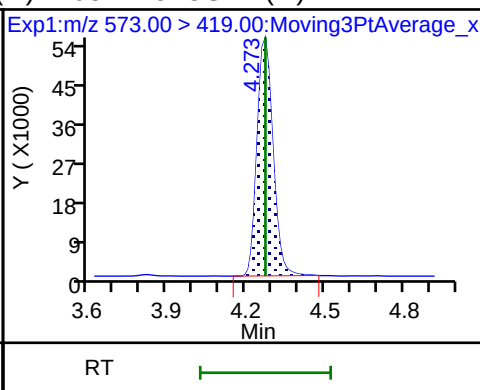
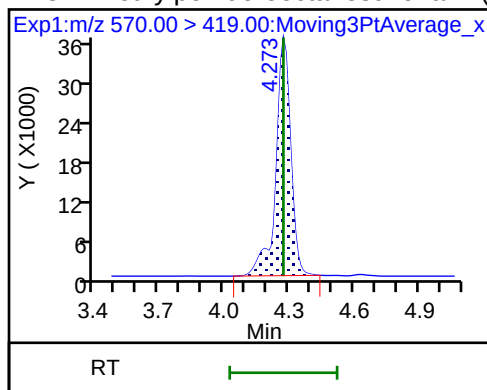
D 19 13C5 PFNA (M)





28 N-methylperfluorooctanesulfonami (M) 27 d3-NMeFOSAA (M)

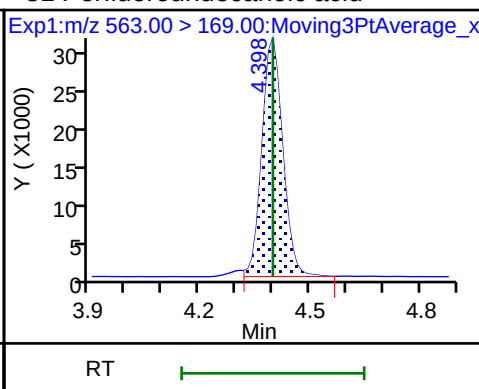
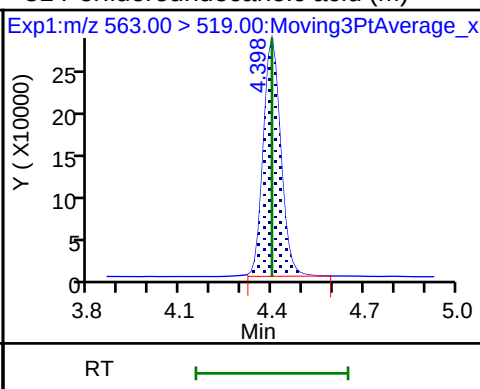
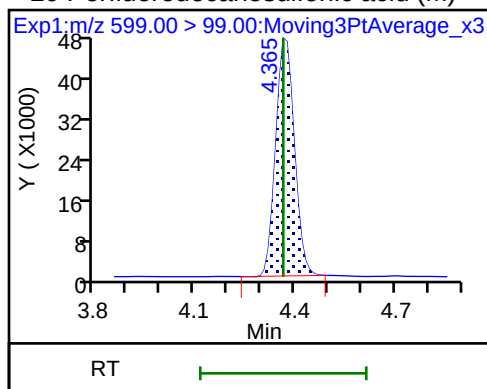
29 Perfluorodecanesulfonic acid (M)



29 Perfluorodecanesulfonic acid (M)

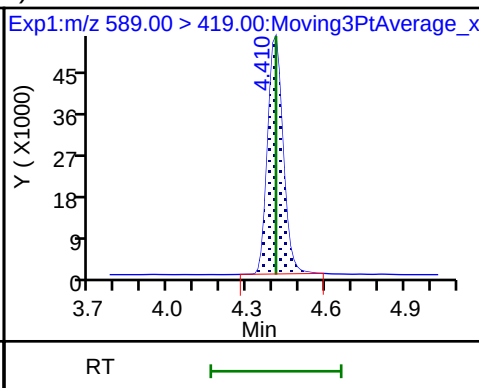
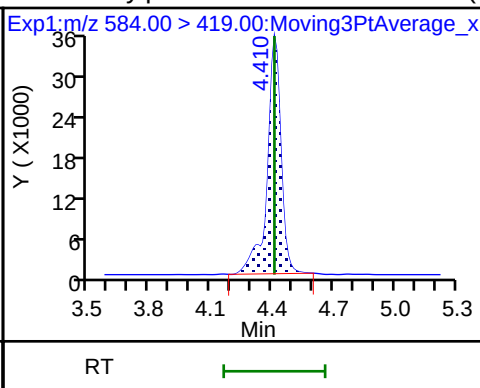
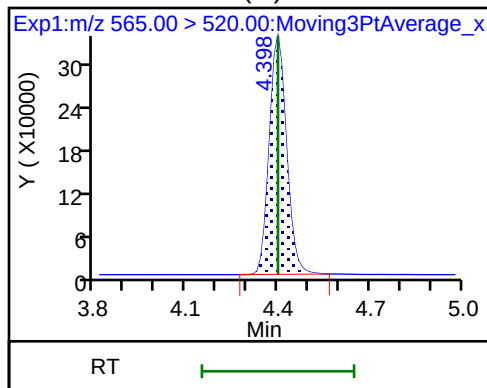
31 Perfluoroundecanoic acid (M)

31 Perfluoroundecanoic acid



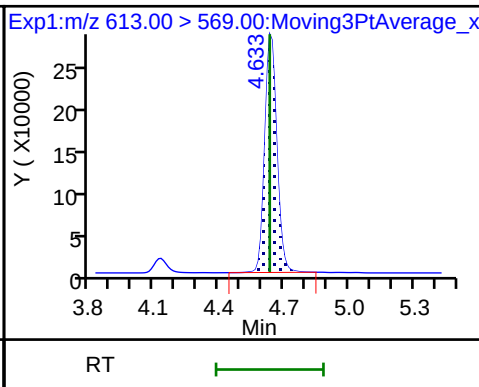
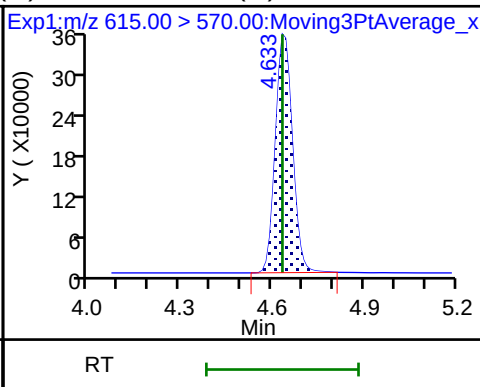
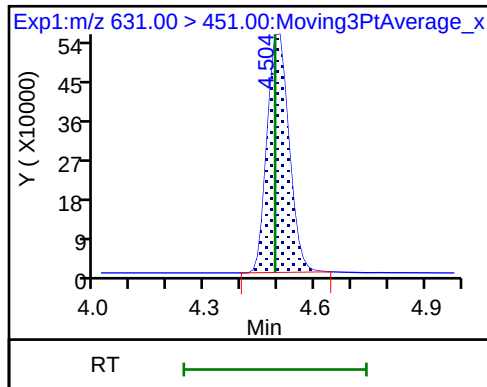
D 30 13C2 PFUnA (M)

33 N-ethylperfluorooctanesulfonamid (M) 32 d5-NEtFOSAA



66 11-Chloroeicosafluoro-3-oxaundec (M) 36 13C2 PFDa (M)

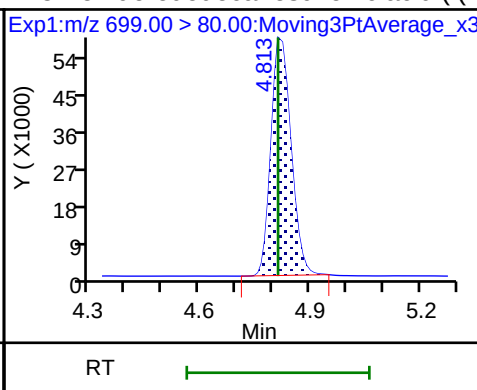
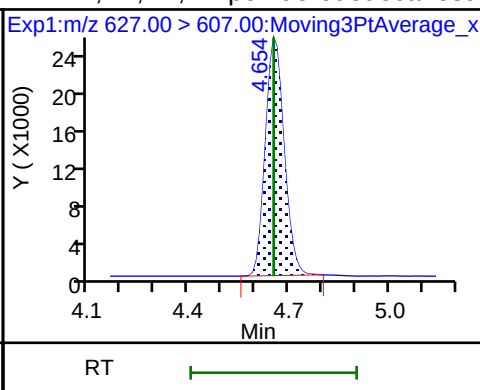
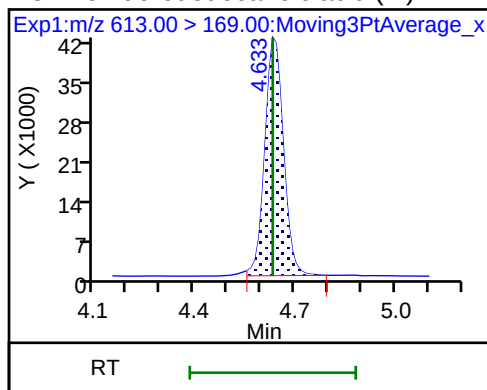
37 Perfluorododecanoic acid



37 Perfluorododecanoic acid (M)

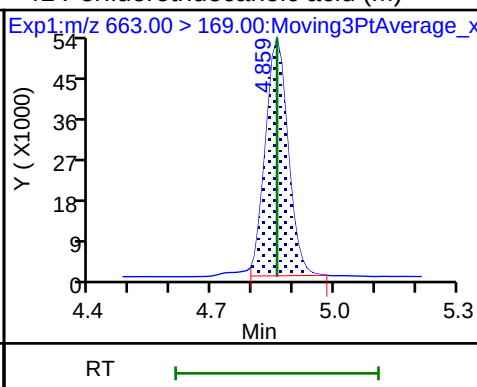
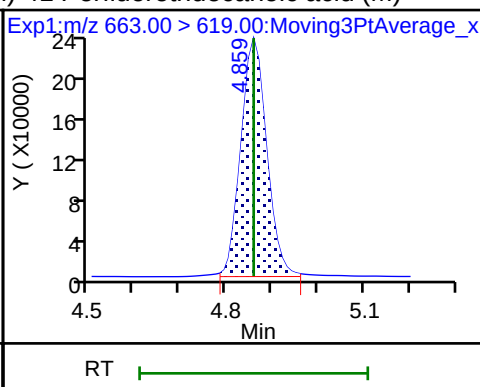
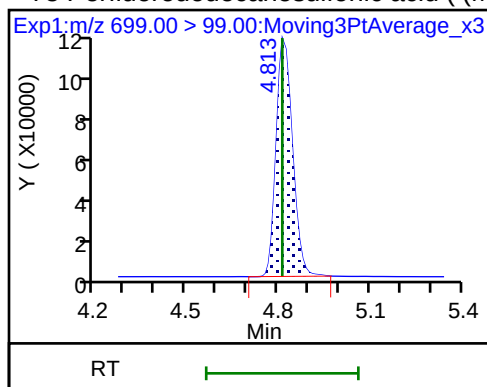
74 1H,1H,2H,2H-perfluorododecanesul

75 Perfluorododecanesulfonic acid (M)



75 Perfluorododecanesulfonic acid (M) 41 Perfluorotridecanoic acid (M)

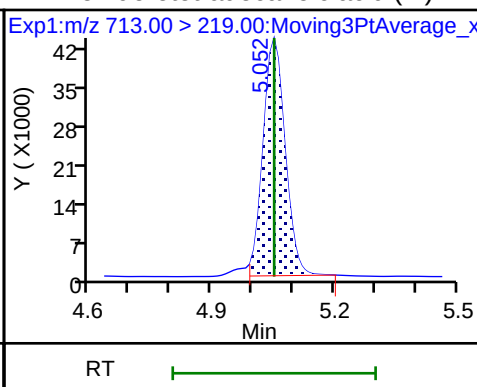
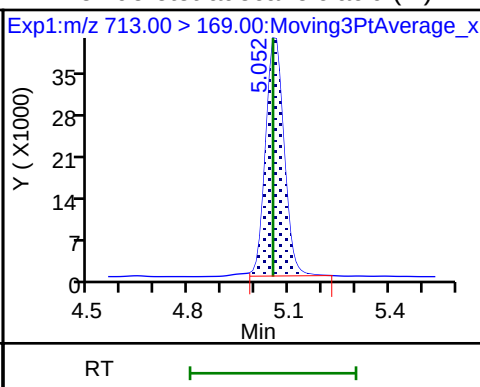
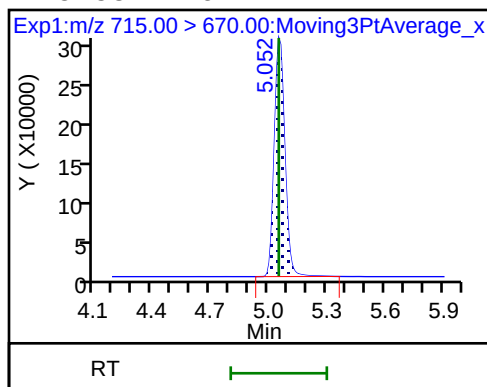
41 Perfluorotridecanoic acid (M)



D 43 13C2 PFTeDA

42 Perfluorotetradecanoic acid (M)

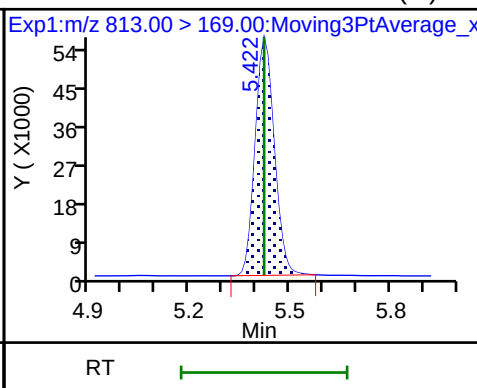
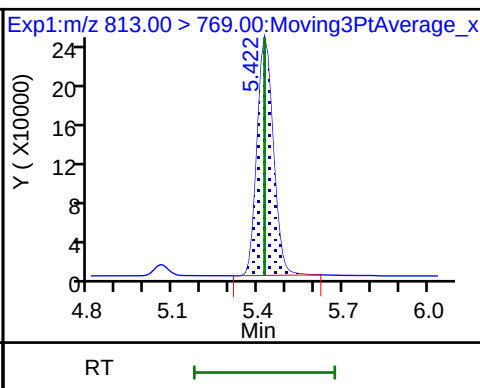
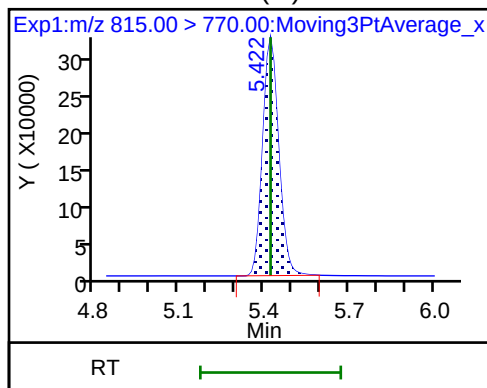
42 Perfluorotetradecanoic acid (M)



D 44 13C2 PFHxDA (M)

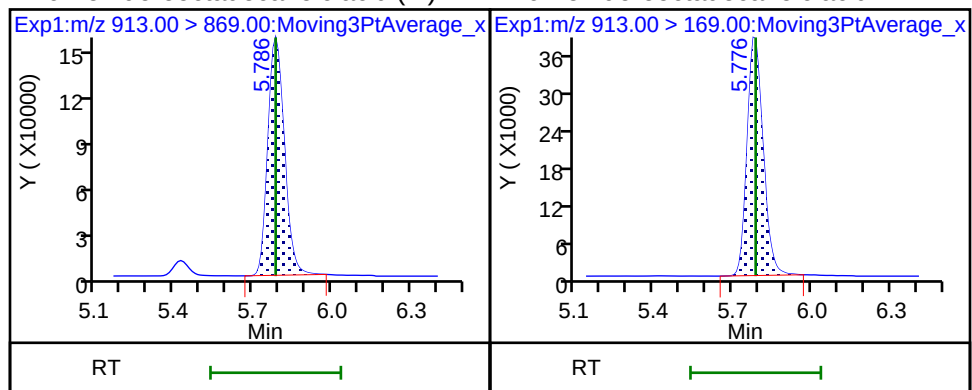
45 Perfluorohexadecanoic acid

45 Perfluorohexadecanoic acid (M)



46 Perfluorooctadecanoic acid (M)

46 Perfluorooctadecanoic acid



Eurofins Burlington

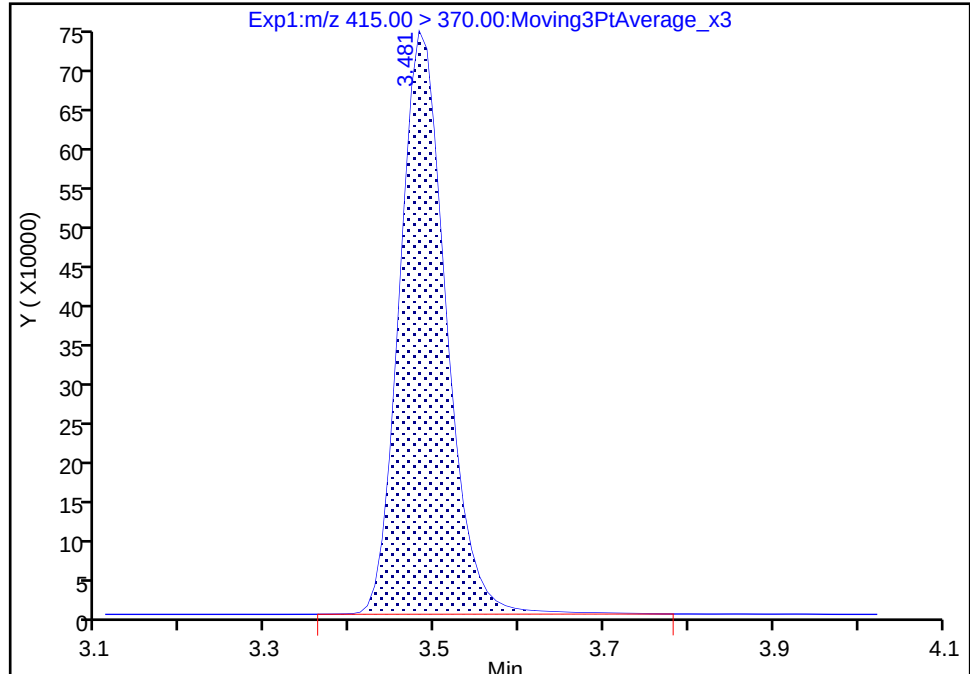
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Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

* 62 13C2 PFOA, CAS: STL00623

Signal: 1

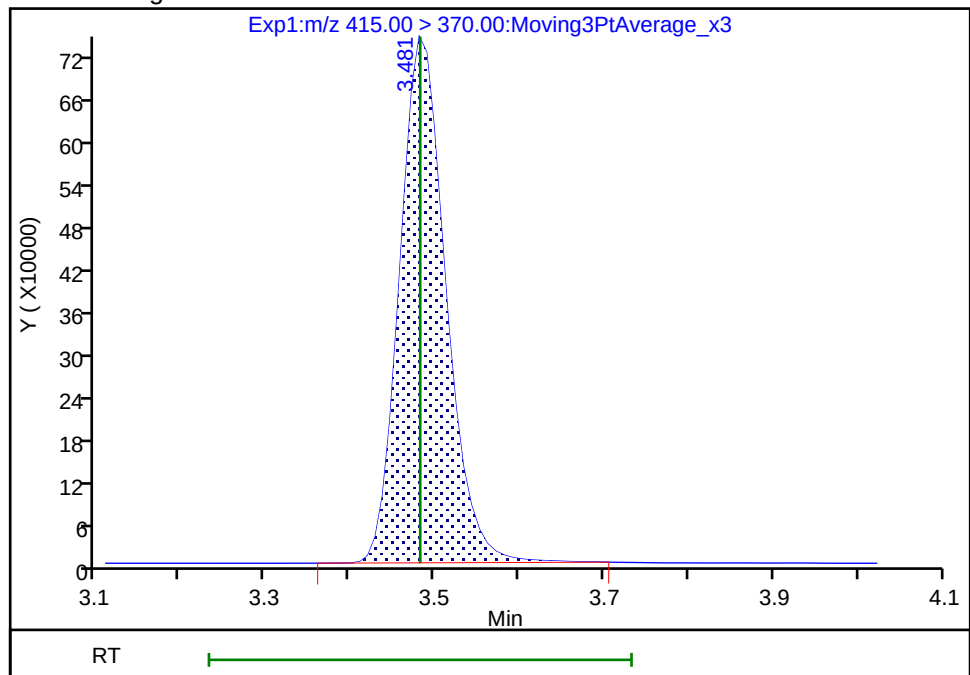
RT: 3.48
Area: 2816125
Amount: 1.250000
Amount Units: ng/ml

Processing Integration Results



RT: 3.48
Area: 2802391
Amount: 1.250000
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:24:26

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

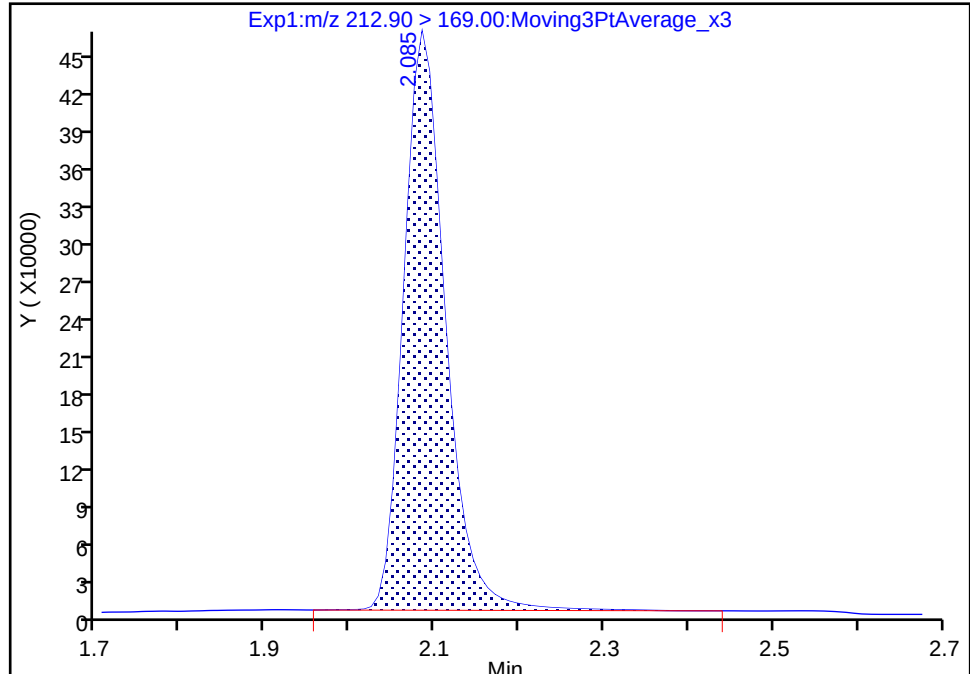
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Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

2 Perfluorobutanoic acid, CAS: 375-22-4

Signal: 1

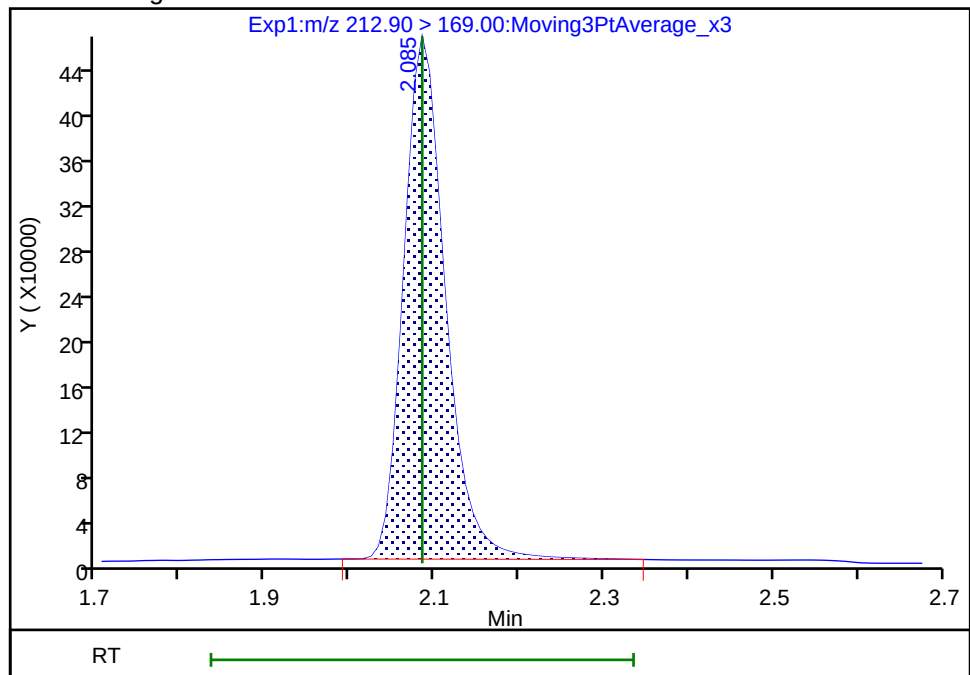
RT: 2.08
Area: 1580600
Amount: 0.980791
Amount Units: ng/ml

Processing Integration Results



RT: 2.08
Area: 1572247
Amount: 0.975608
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:35:56
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

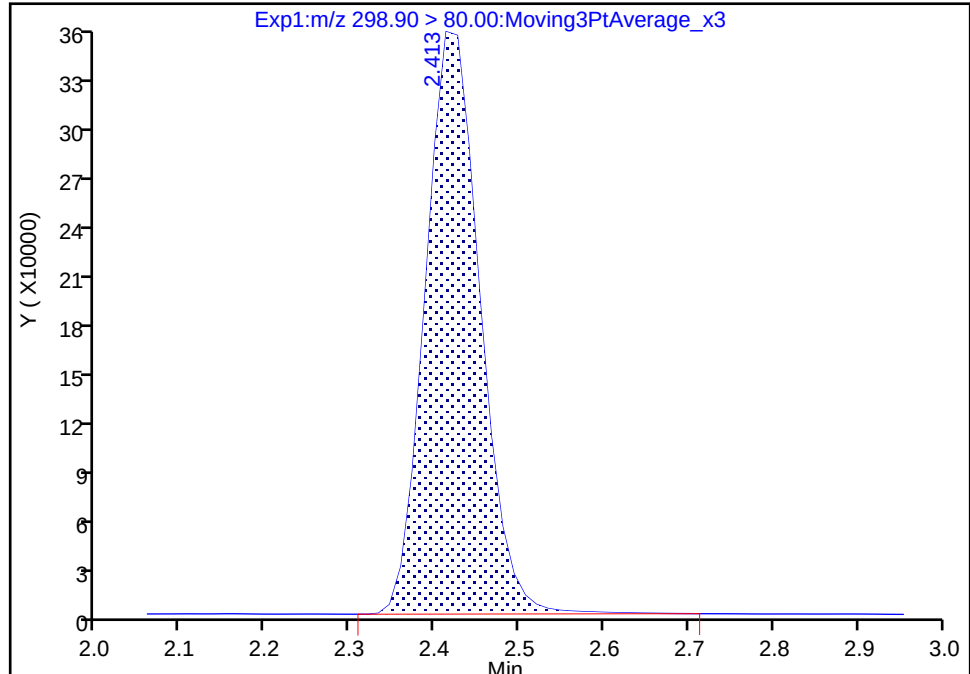
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Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

5 Perfluorobutanesulfonic acid, CAS: 375-73-5

Signal: 1

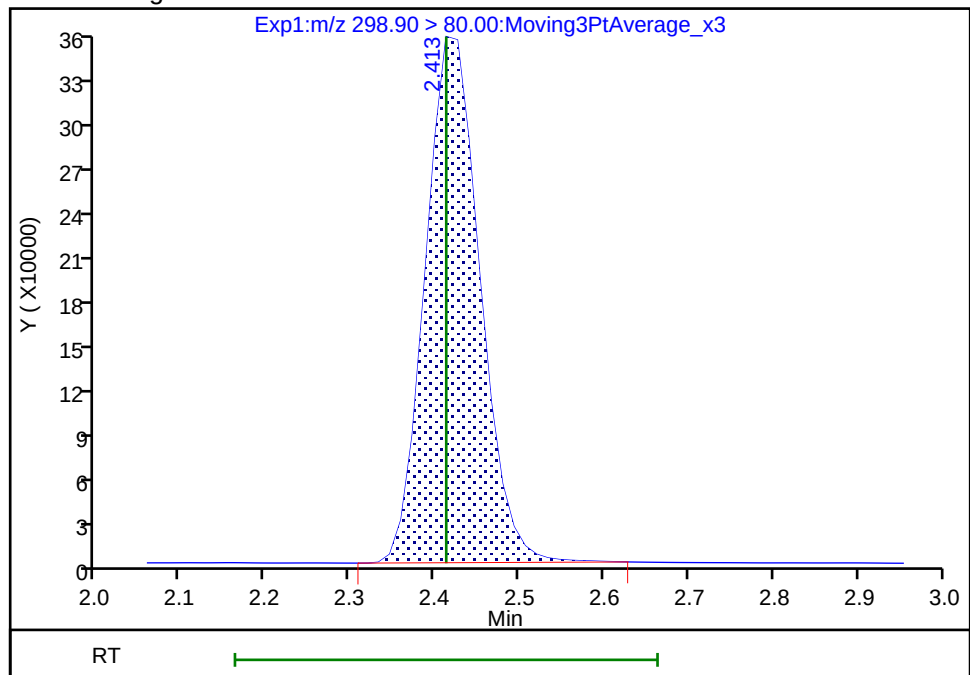
RT: 2.41
Area: 1587024
Amount: 0.969012
Amount Units: ng/ml

Processing Integration Results



RT: 2.41
Area: 1580960
Amount: 0.965310
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:36:41
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

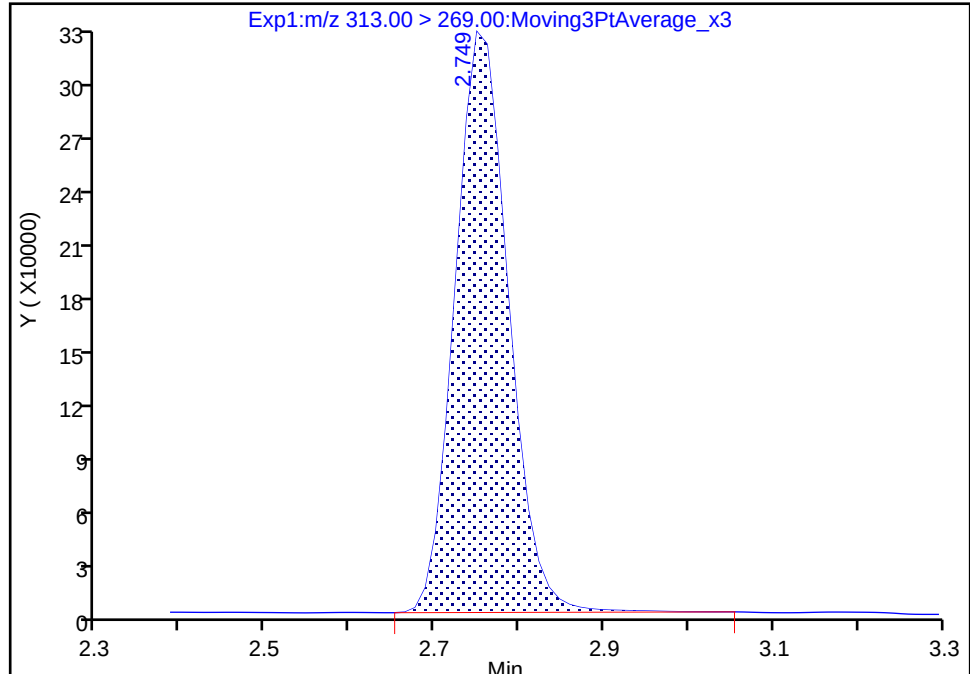
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Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

6 Perfluorohexanoic acid, CAS: 307-24-4

Signal: 1

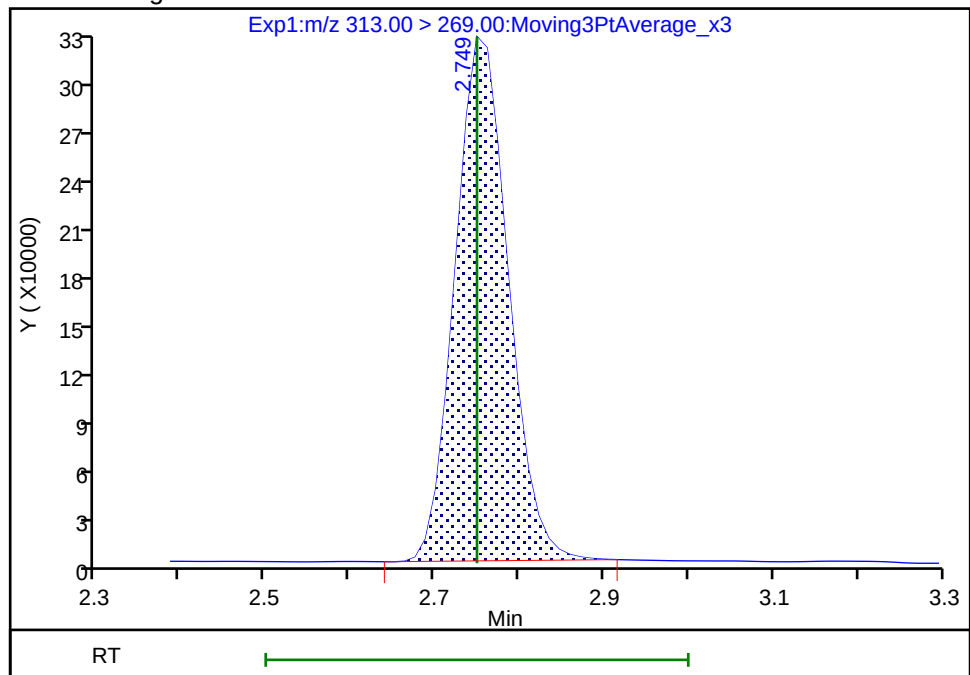
RT: 2.75
Area: 1406848
Amount: 1.031220
Amount Units: ng/ml

Processing Integration Results



RT: 2.75
Area: 1395731
Amount: 1.023071
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:36:50
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

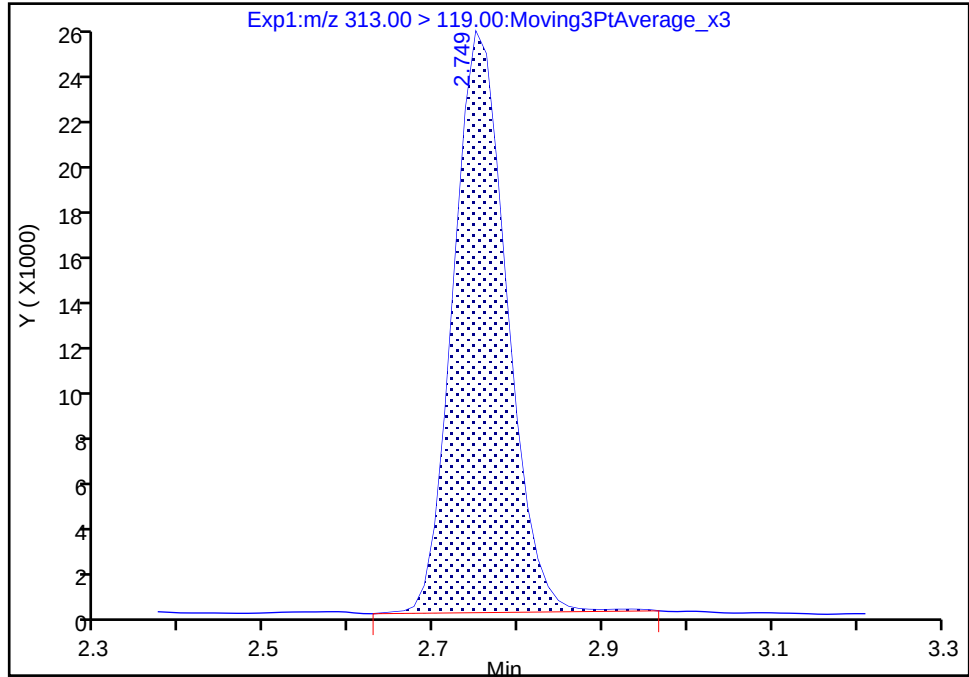
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Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

6 Perfluorohexanoic acid, CAS: 307-24-4

Signal: 2

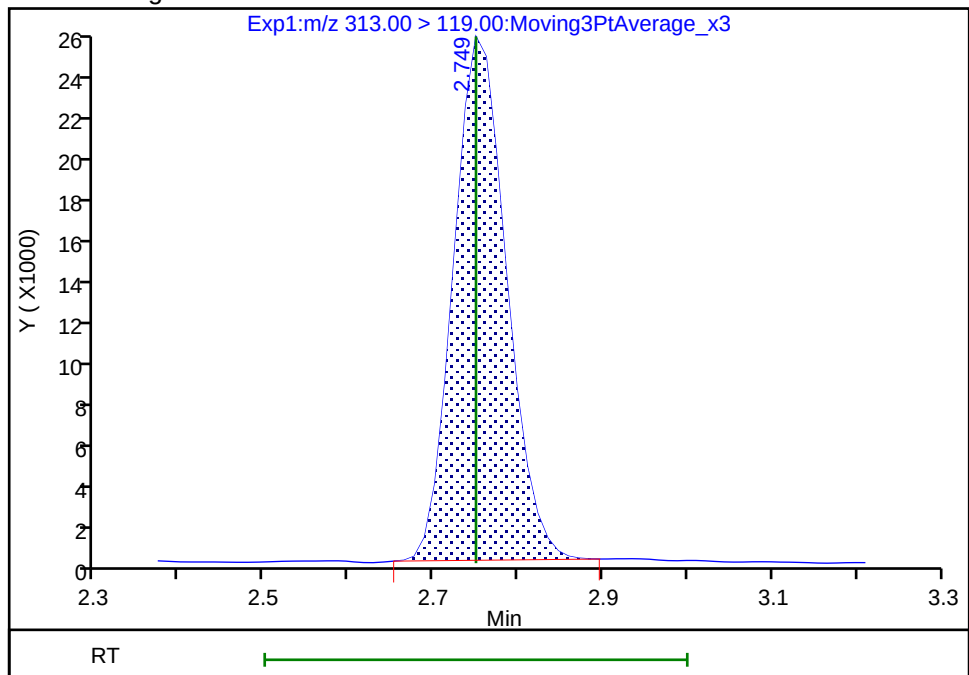
RT: 2.75
Area: 111489
Amount: 1.031220
Amount Units: ng/ml

Processing Integration Results



RT: 2.75
Area: 110153
Amount: 1.023071
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:36:54

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

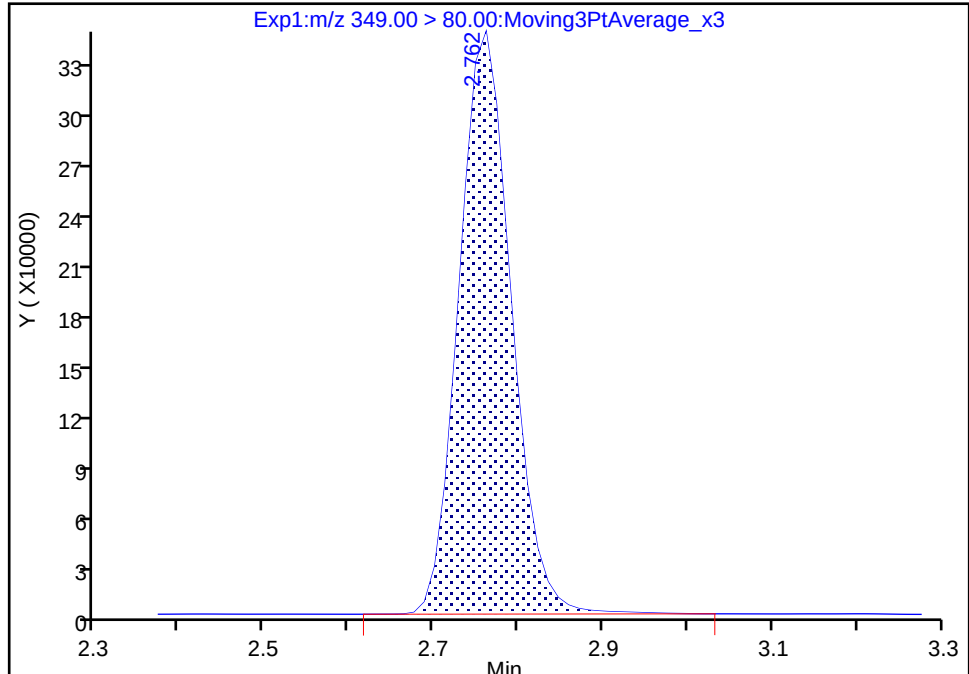
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

70 Perfluoropentanesulfonic acid, CAS: 2706-91-4

Signal: 1

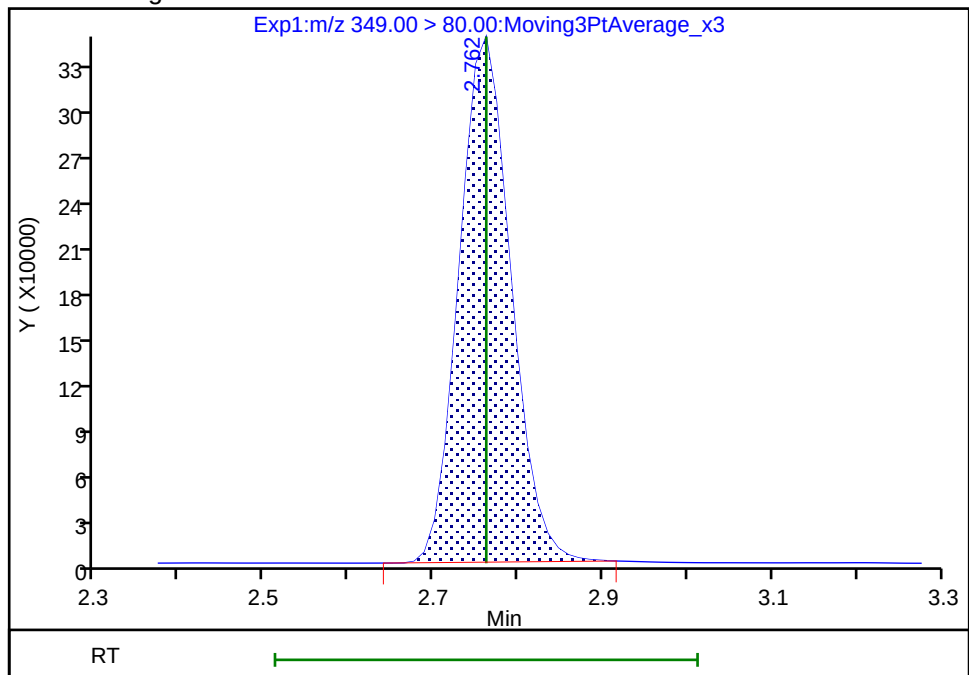
RT: 2.76
Area: 1461262
Amount: 1.056229
Amount Units: ng/ml

Processing Integration Results



RT: 2.76
Area: 1448133
Amount: 1.046739
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:36:59
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

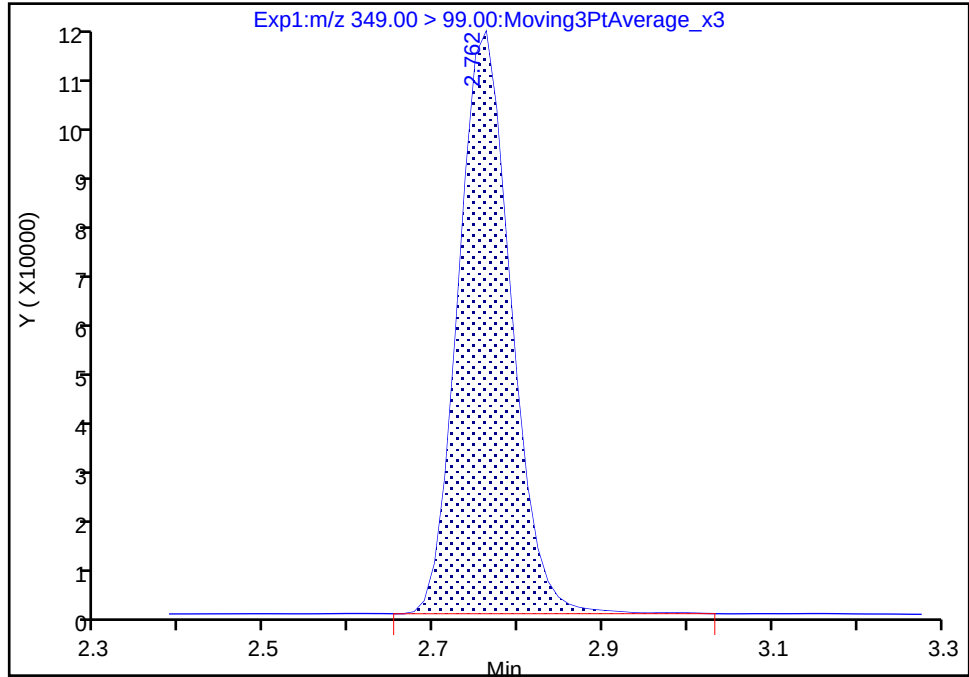
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

70 Perfluoropentanesulfonic acid, CAS: 2706-91-4

Signal: 2

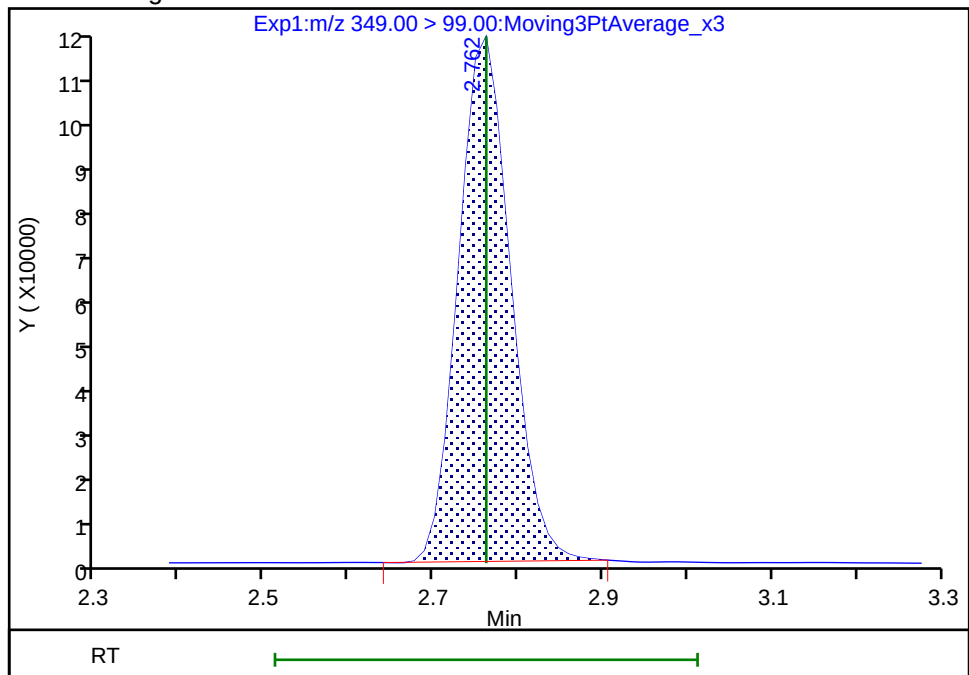
RT: 2.76
Area: 488705
Amount: 1.056229
Amount Units: ng/ml

Processing Integration Results



RT: 2.76
Area: 482893
Amount: 1.046739
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:37:02

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

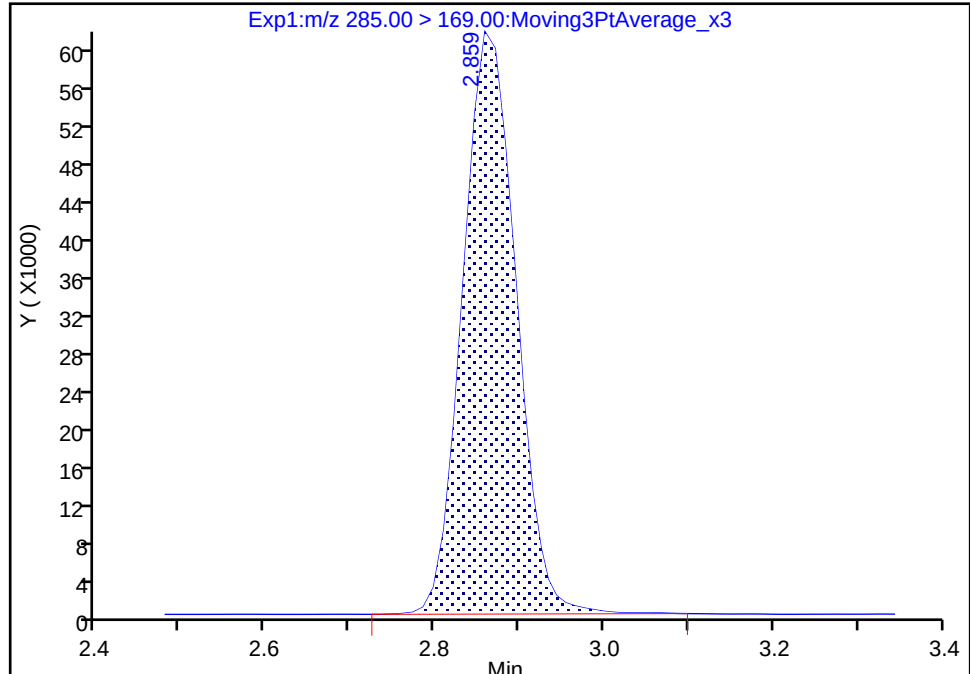
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

67 Perfluoro(2-propoxypropanoic) ac, CAS: 13252-13-6

Signal: 1

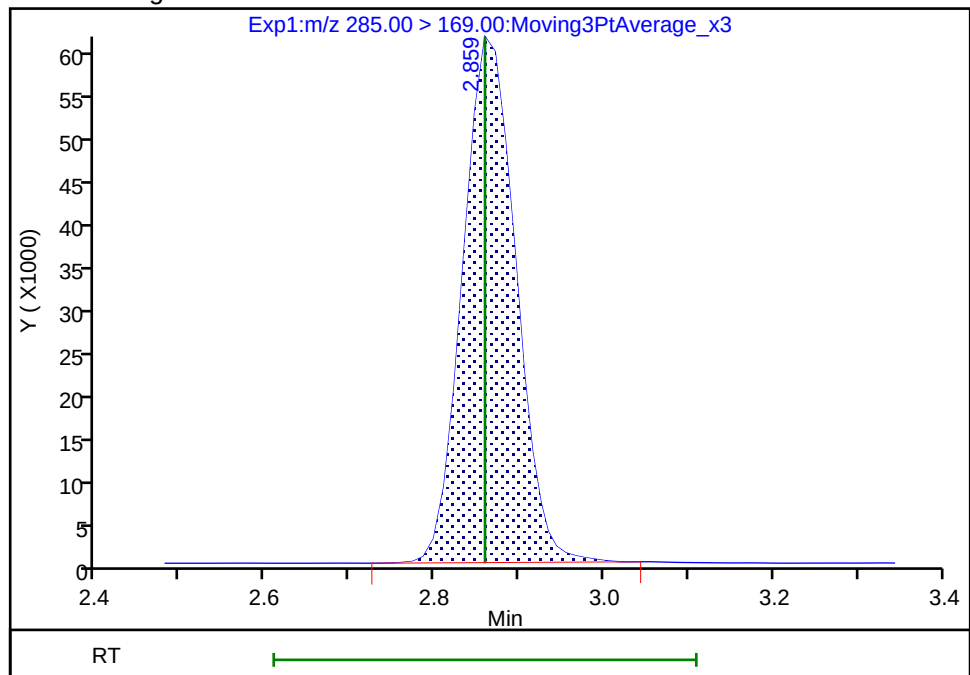
RT: 2.86
Area: 269258
Amount: 0.987221
Amount Units: ng/ml

Processing Integration Results



RT: 2.86
Area: 268085
Amount: 0.982921
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:37:06
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

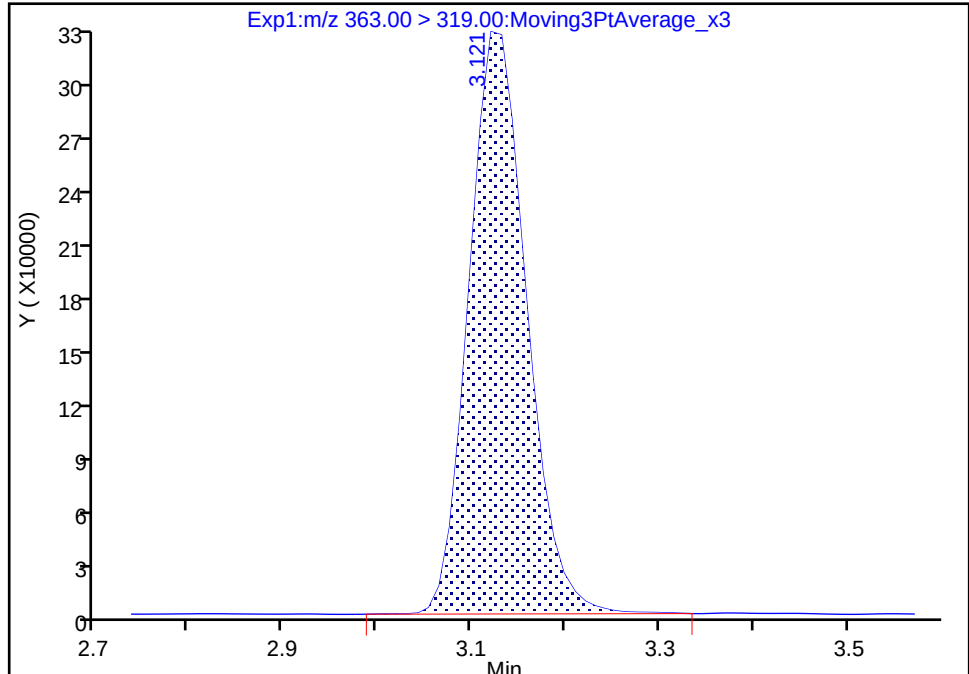
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

10 Perfluoroheptanoic acid, CAS: 375-85-9

Signal: 1

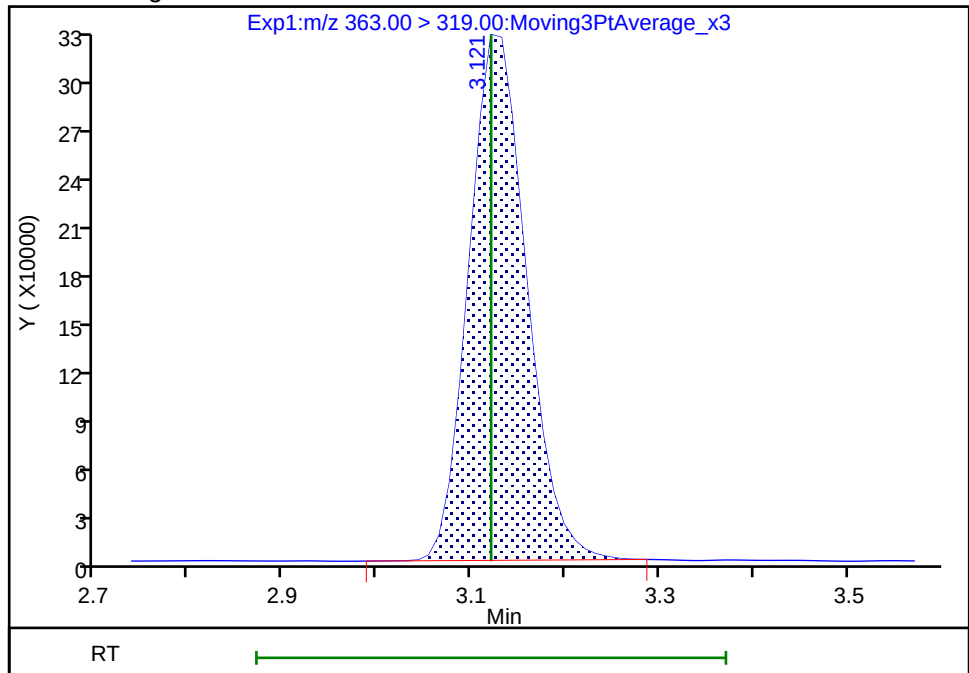
RT: 3.12
Area: 1389860
Amount: 0.976614
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 1382157
Amount: 0.971202
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:37:16
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

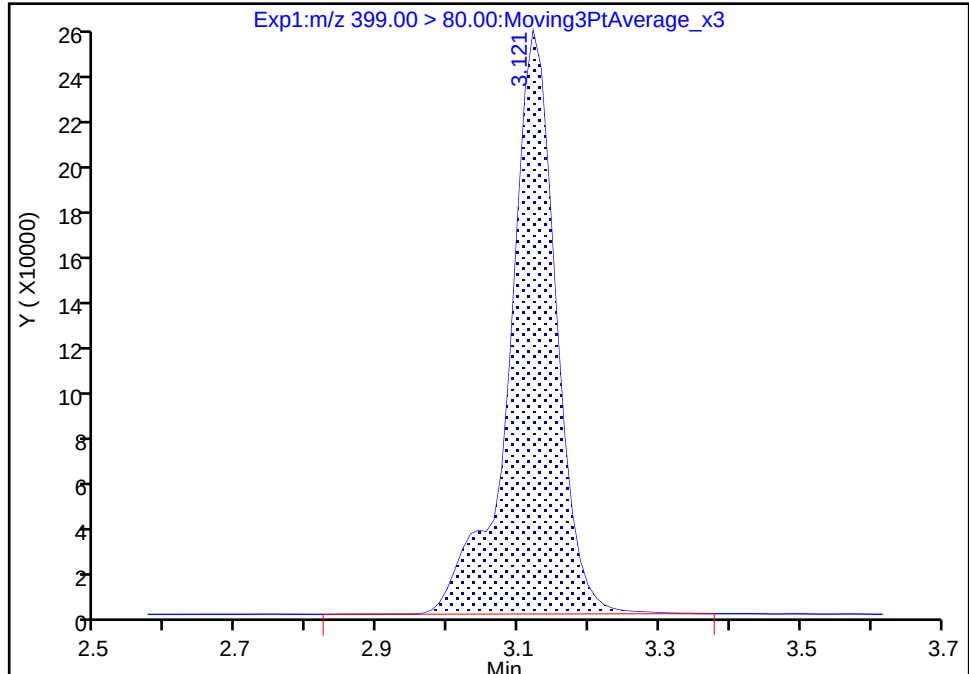
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 1

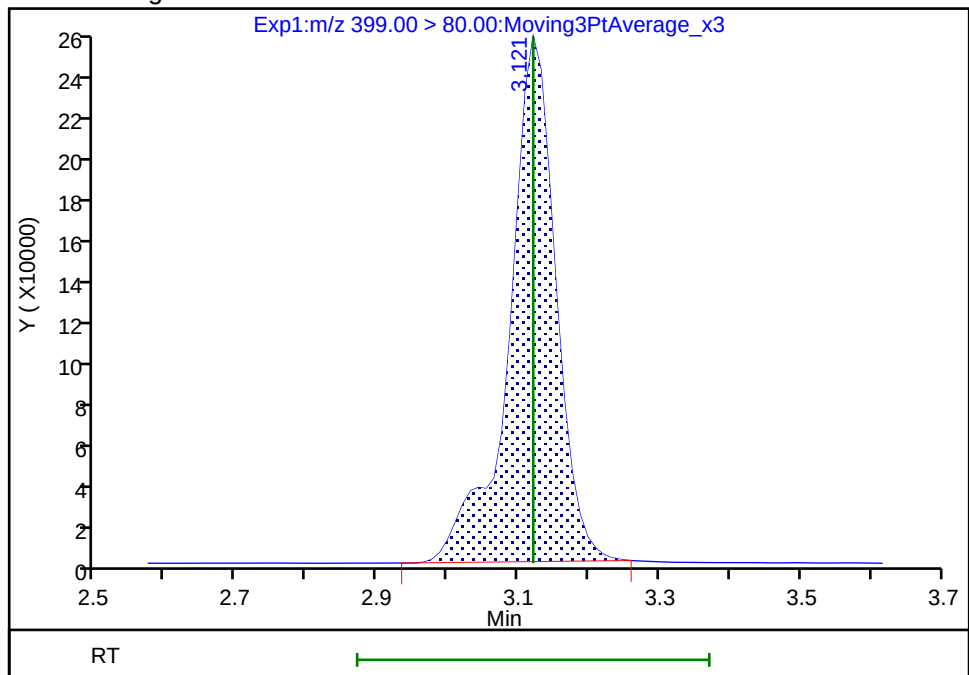
RT: 3.12
Area: 1200133
Amount: 1.019791
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 1186420
Amount: 1.008138
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:37:22
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

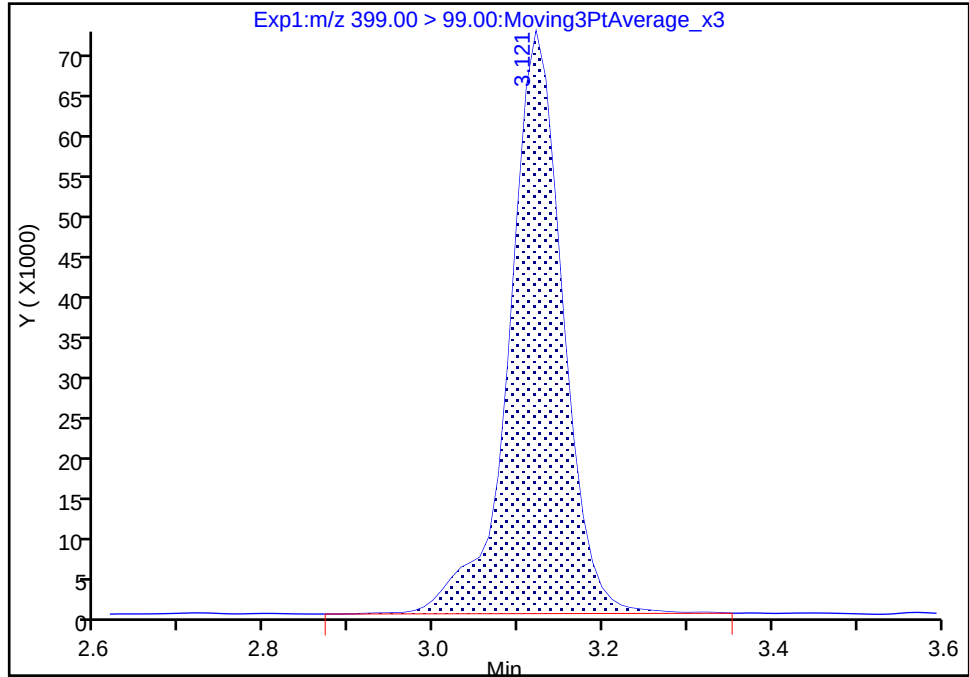
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 2

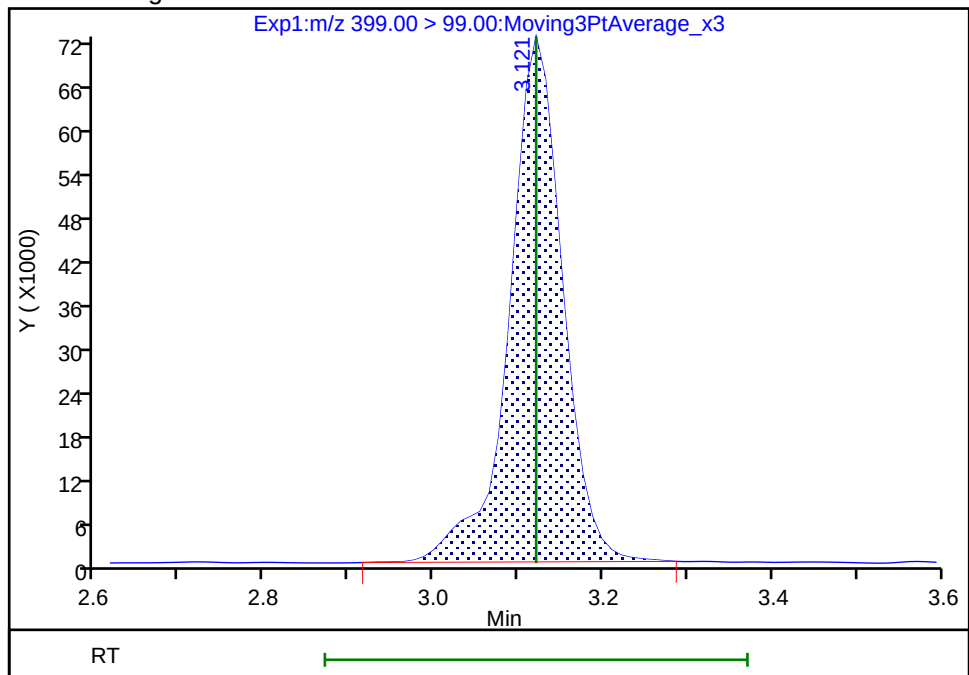
RT: 3.12
Area: 320066
Amount: 1.019791
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 317682
Amount: 1.008138
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:37:27

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

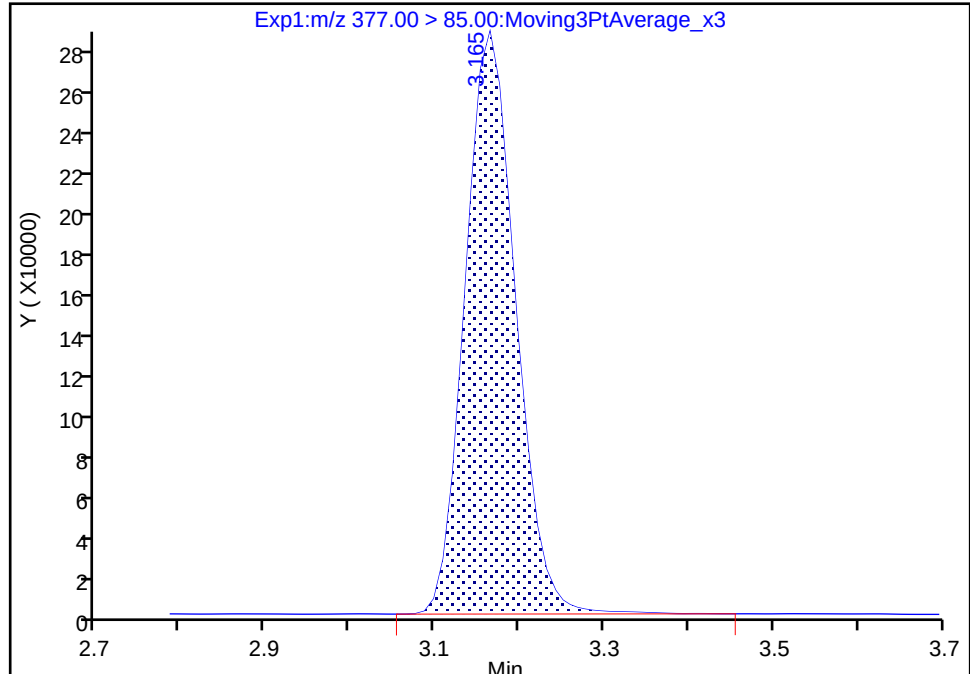
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

77 DONA, CAS: 919005-14-4

Signal: 2

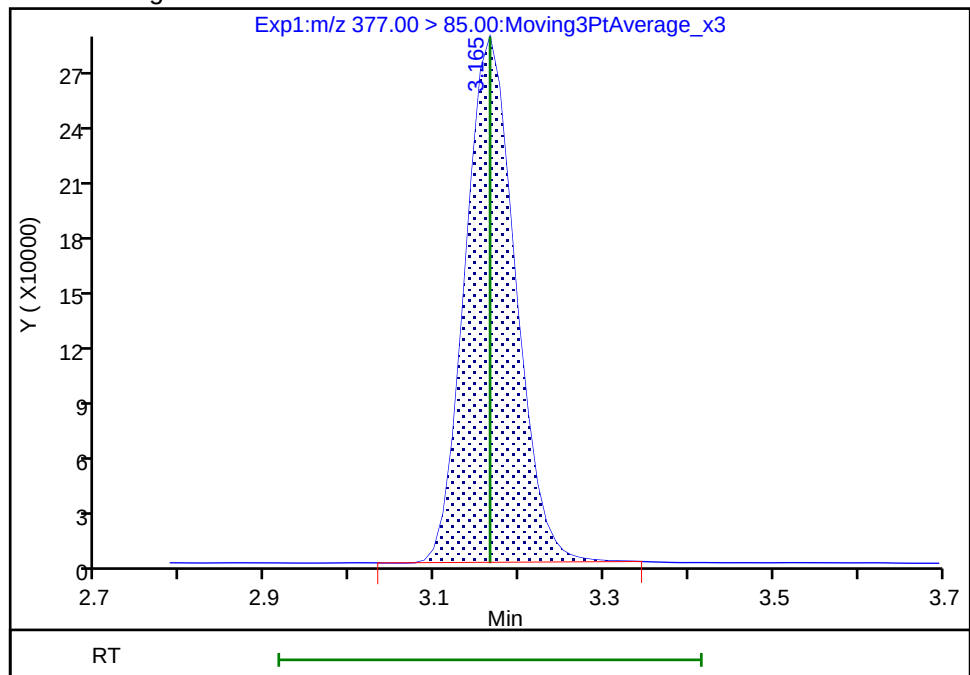
RT: 3.16
Area: 1190502
Amount: 1.081113
Amount Units: ng/ml

Processing Integration Results



RT: 3.16
Area: 1181754
Amount: 1.081113
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:37:32
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

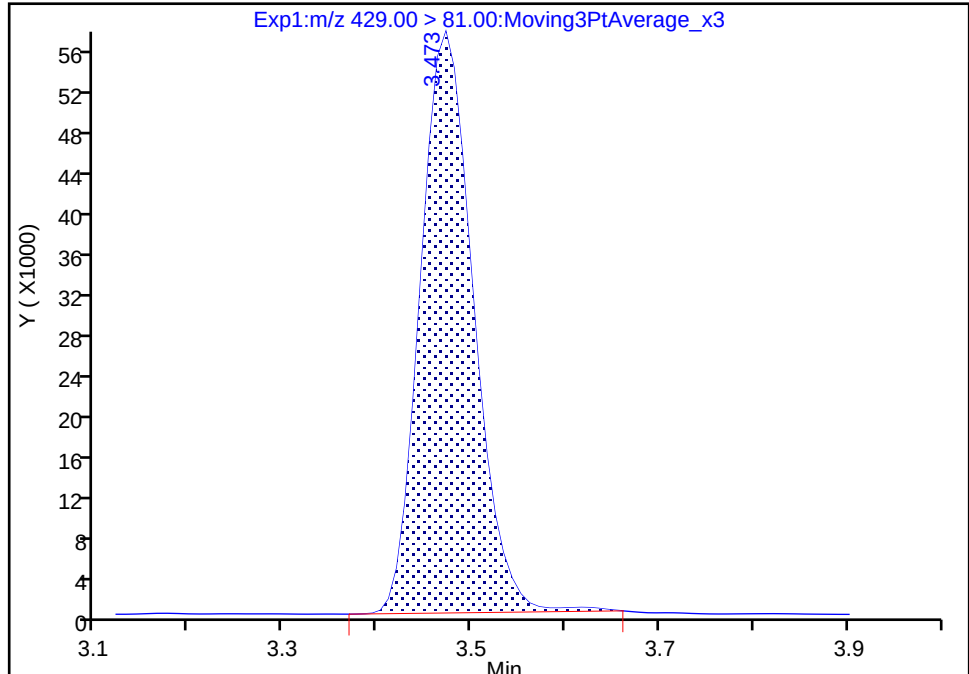
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 12 M2-6:2 FTS, CAS: STL02279

Signal: 1

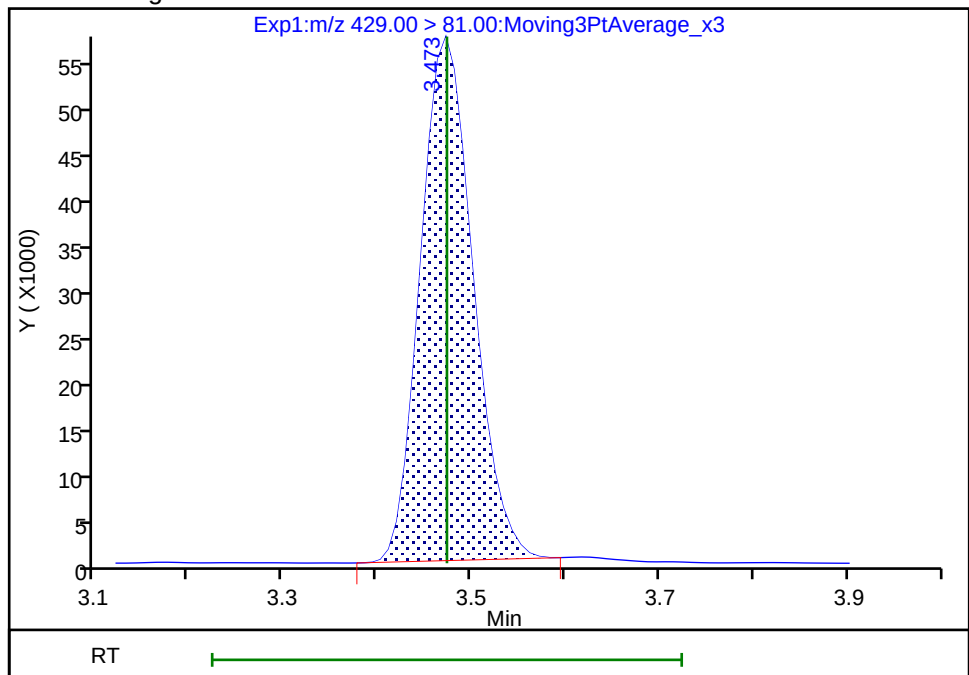
RT: 3.47
Area: 224460
Amount: 0.818873
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 221205
Amount: 0.806998
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:37:38
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

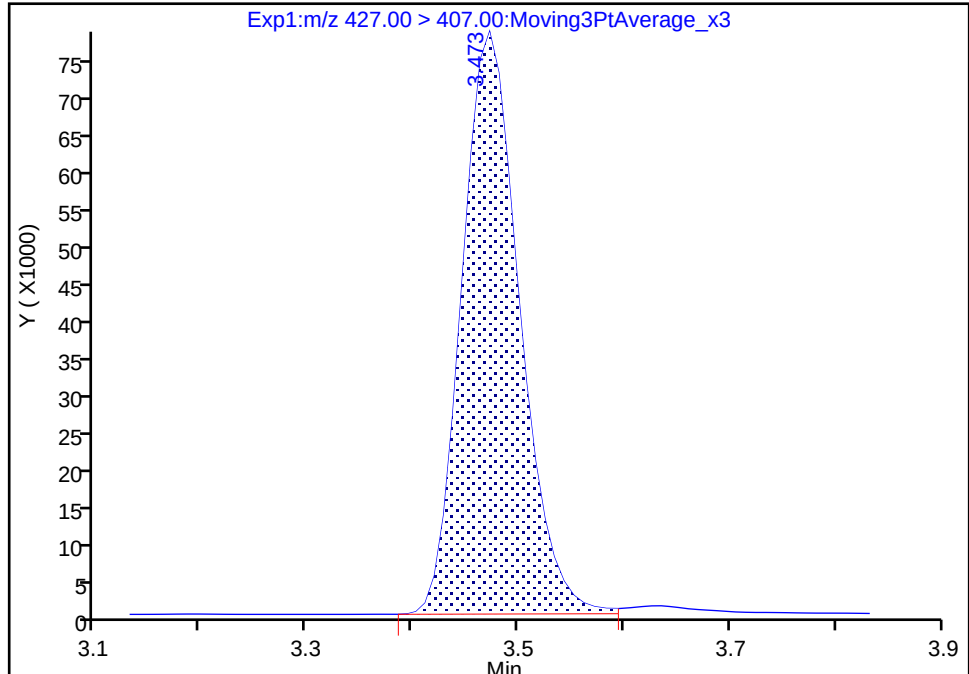
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

13 1H,1H,2H,2H-perfluorooctanesulfo, CAS: 27619-97-2

Signal: 1

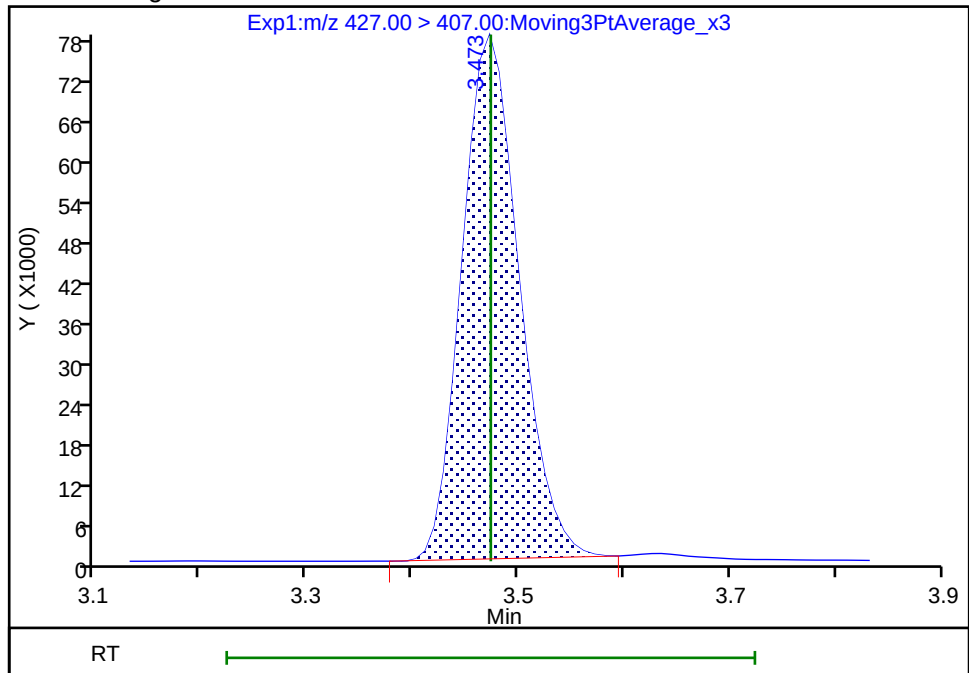
RT: 3.47
Area: 297753
Amount: 1.080118
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 293223
Amount: 1.063430
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:37:43
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

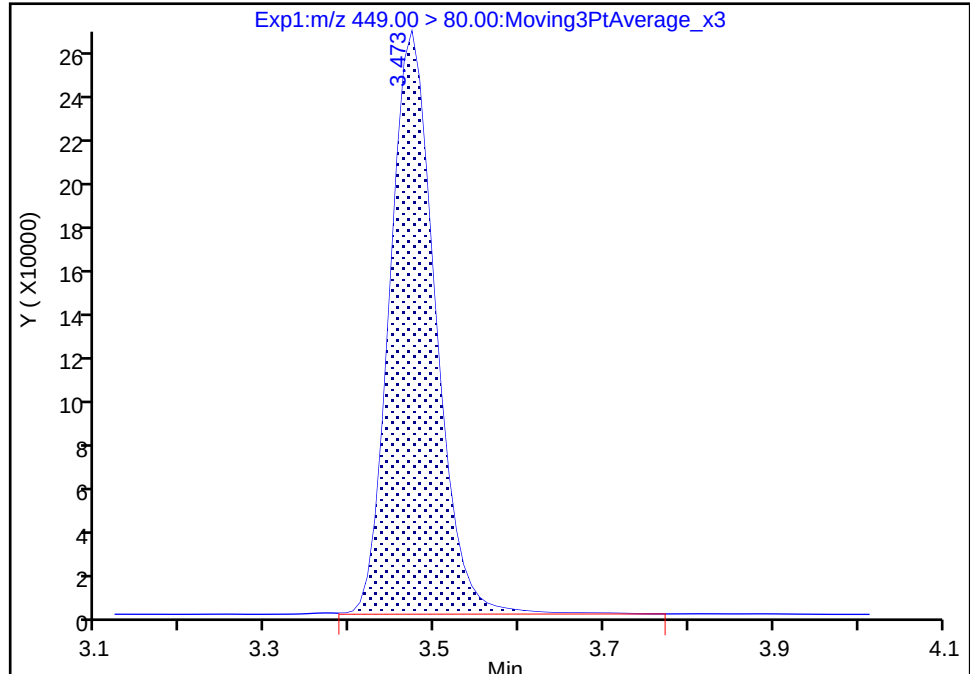
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

16 Perfluoroheptanesulfonic acid, CAS: 375-92-8

Signal: 1

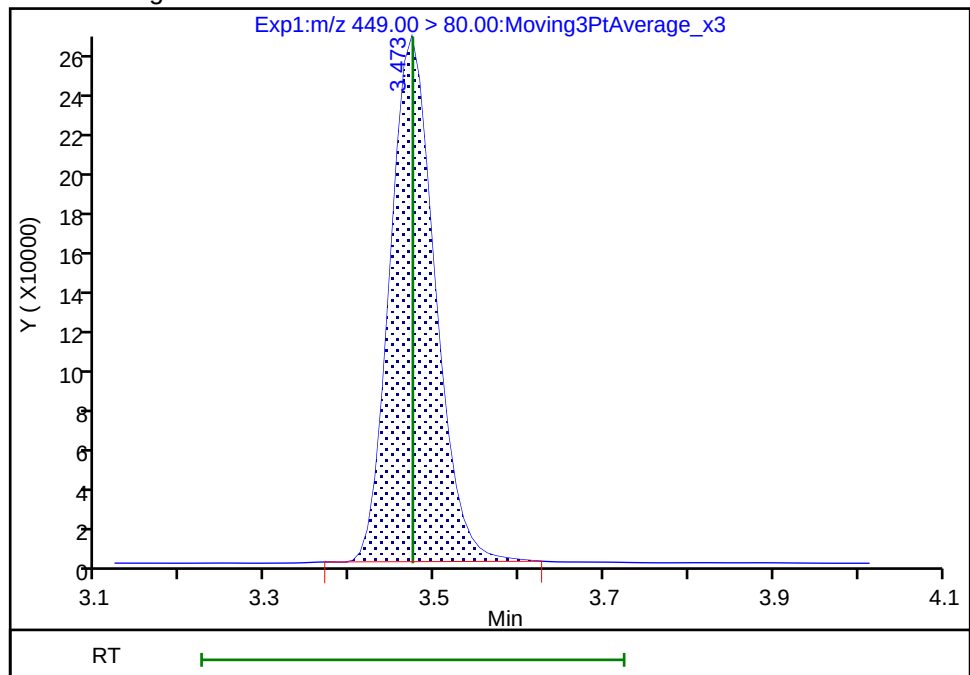
RT: 3.47
Area: 993891
Amount: 1.048304
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 980236
Amount: 1.033901
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:37:49
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

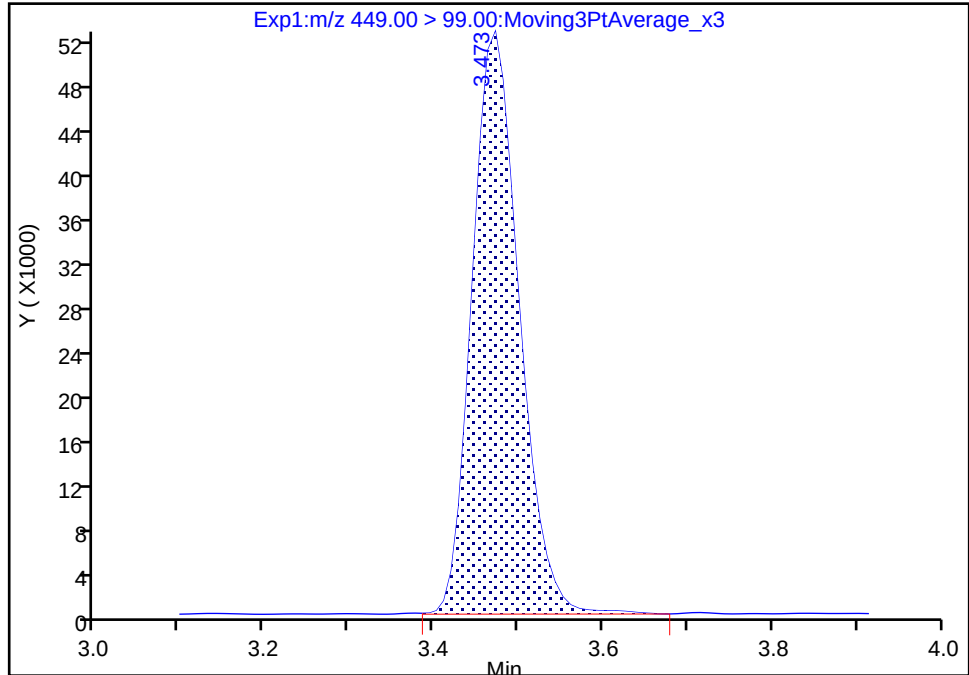
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

16 Perfluoroheptanesulfonic acid, CAS: 375-92-8

Signal: 2

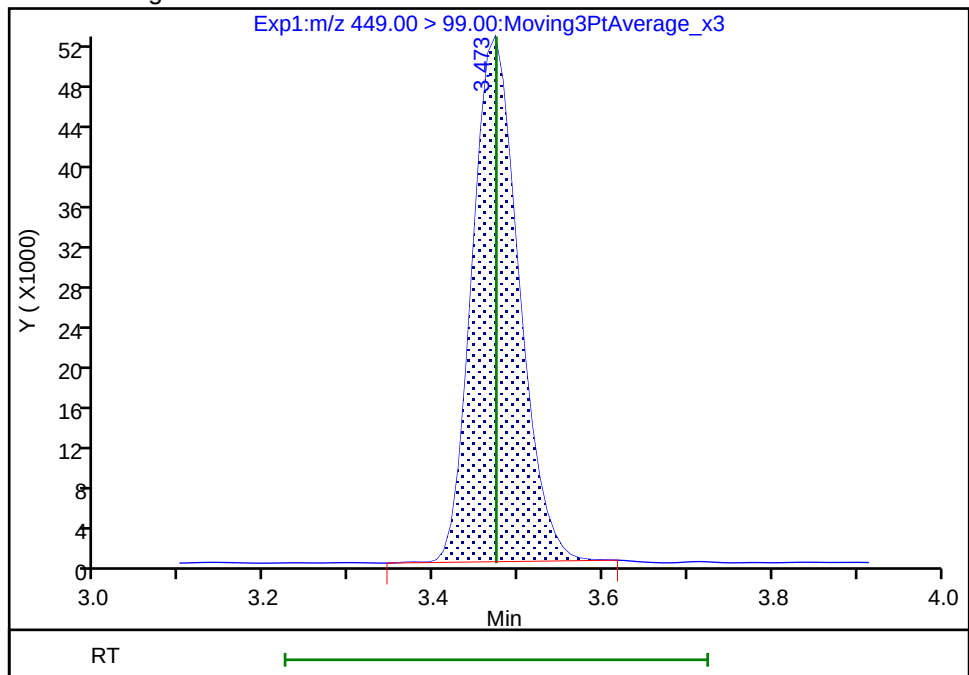
RT: 3.47
Area: 201520
Amount: 1.048304
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 199020
Amount: 1.033901
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:37:52

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

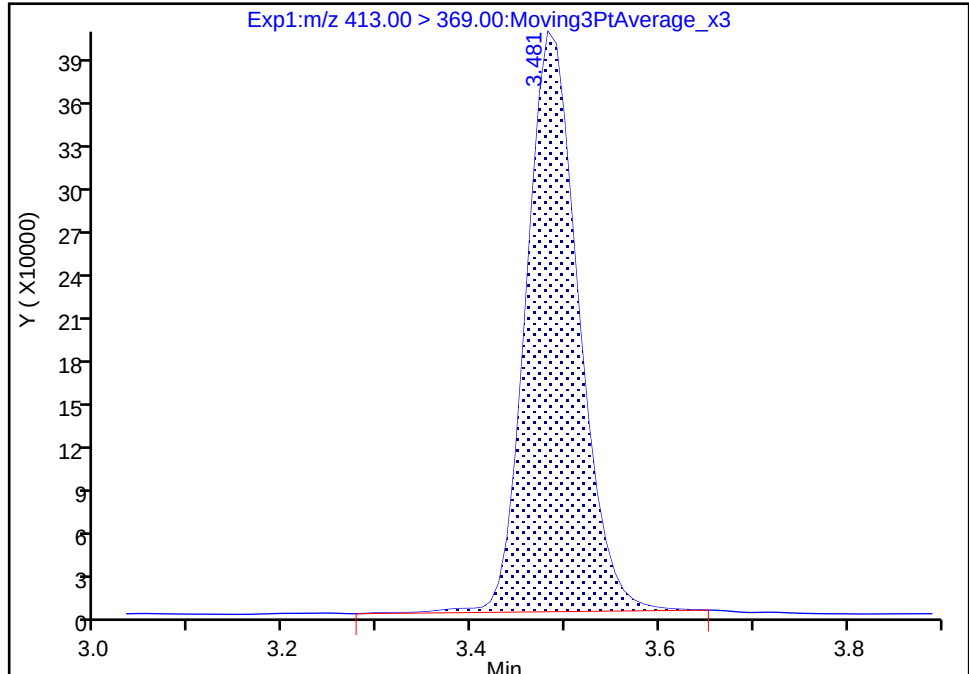
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 1

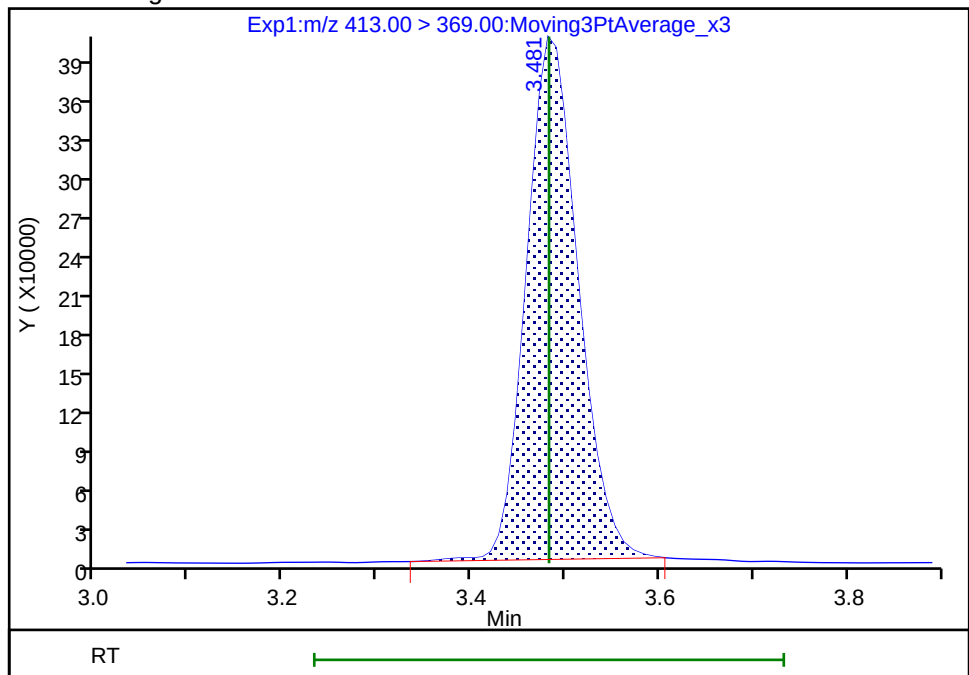
RT: 3.48
Area: 1547431
Amount: 0.964469
Amount Units: ng/ml

Processing Integration Results



RT: 3.48
Area: 1527957
Amount: 0.952332
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:37:59
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

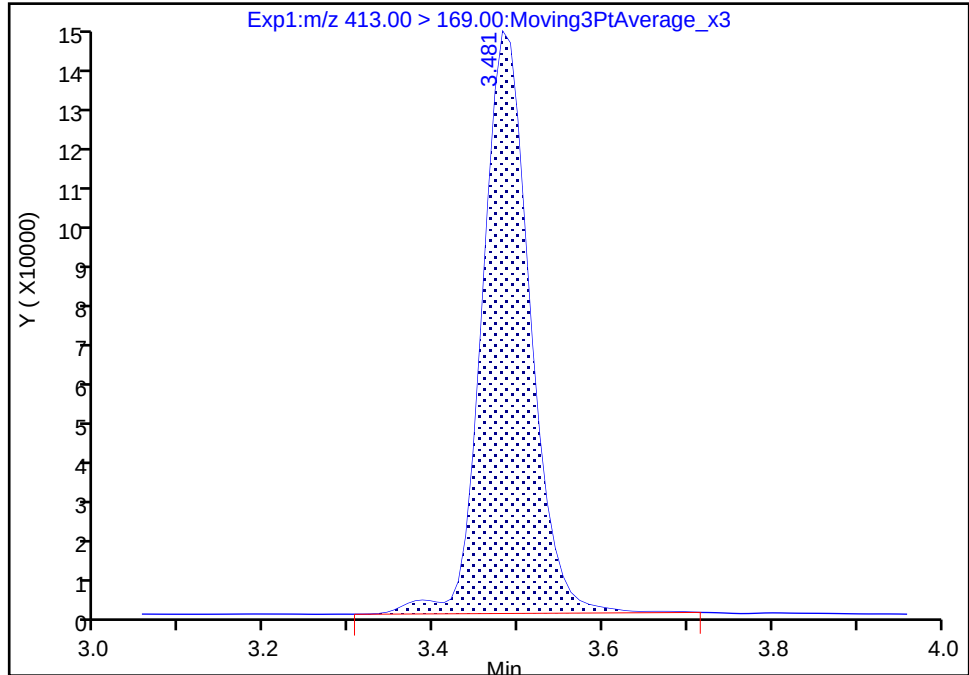
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 2

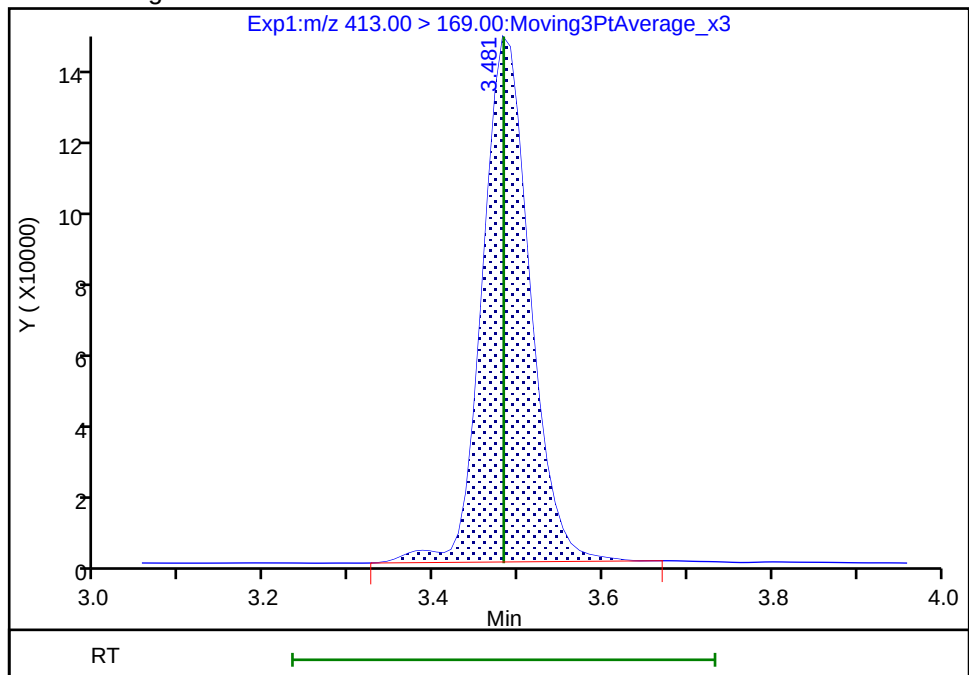
RT: 3.48
Area: 586071
Amount: 0.964469
Amount Units: ng/ml

Processing Integration Results



RT: 3.48
Area: 582551
Amount: 0.952332
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:38:02

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

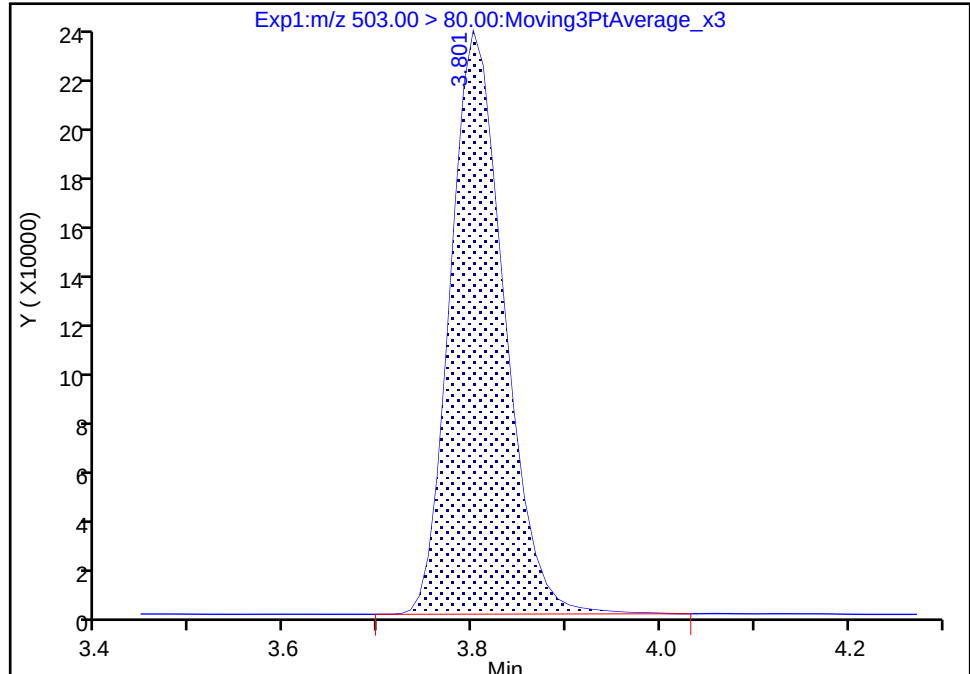
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 18 13C4 PFOS, CAS: STL00991

Signal: 1

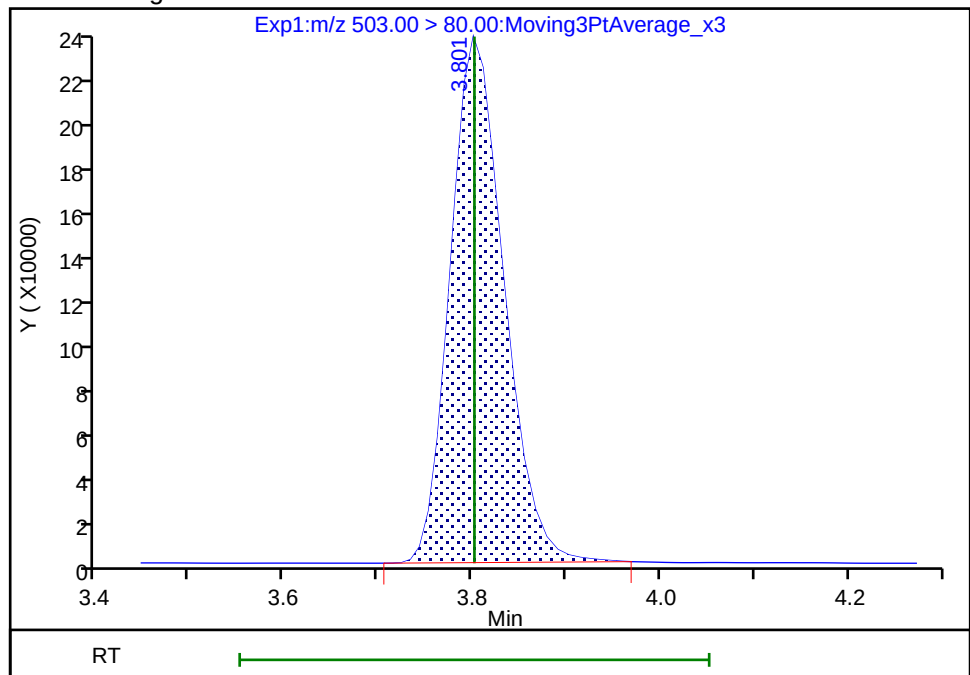
RT: 3.80
Area: 921321
Amount: 0.749729
Amount Units: ng/ml

Processing Integration Results



RT: 3.80
Area: 916636
Amount: 0.749572
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:24:21

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

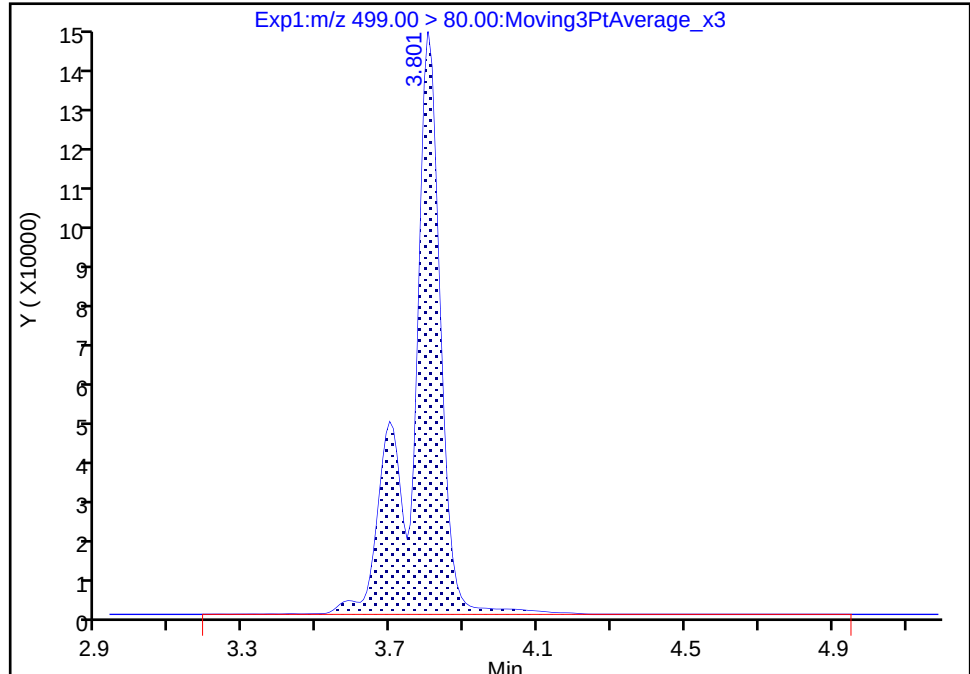
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 1

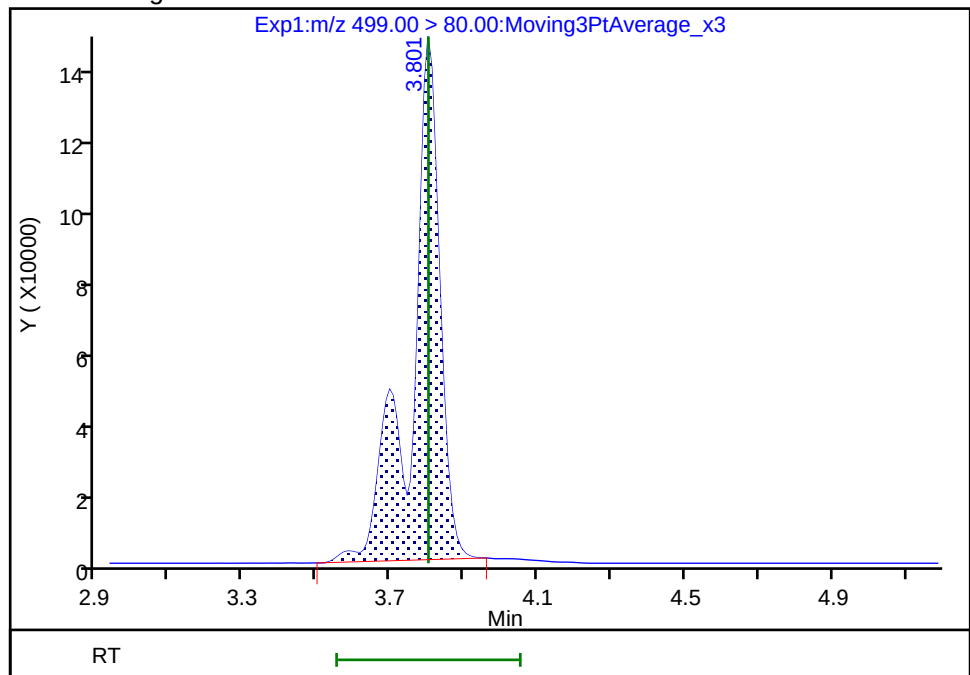
RT: 3.80
Area: 807749
Amount: 1.039923
Amount Units: ng/ml

Processing Integration Results



RT: 3.80
Area: 773514
Amount: 0.995064
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:38:43
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

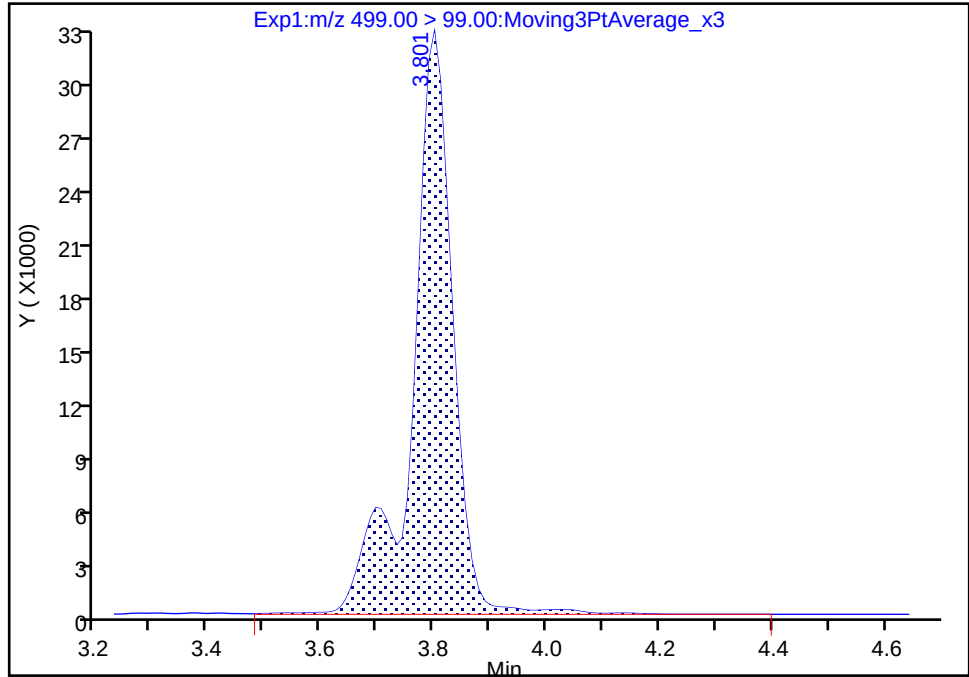
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 2

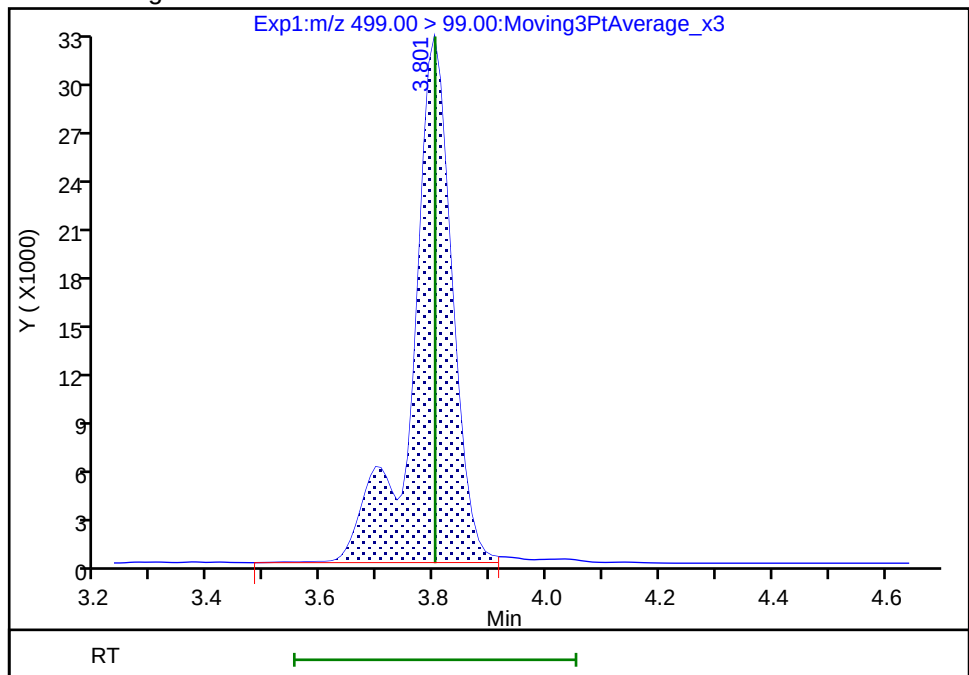
RT: 3.80
Area: 160469
Amount: 1.039923
Amount Units: ng/ml

Processing Integration Results



RT: 3.80
Area: 156755
Amount: 0.995064
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:38:57

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

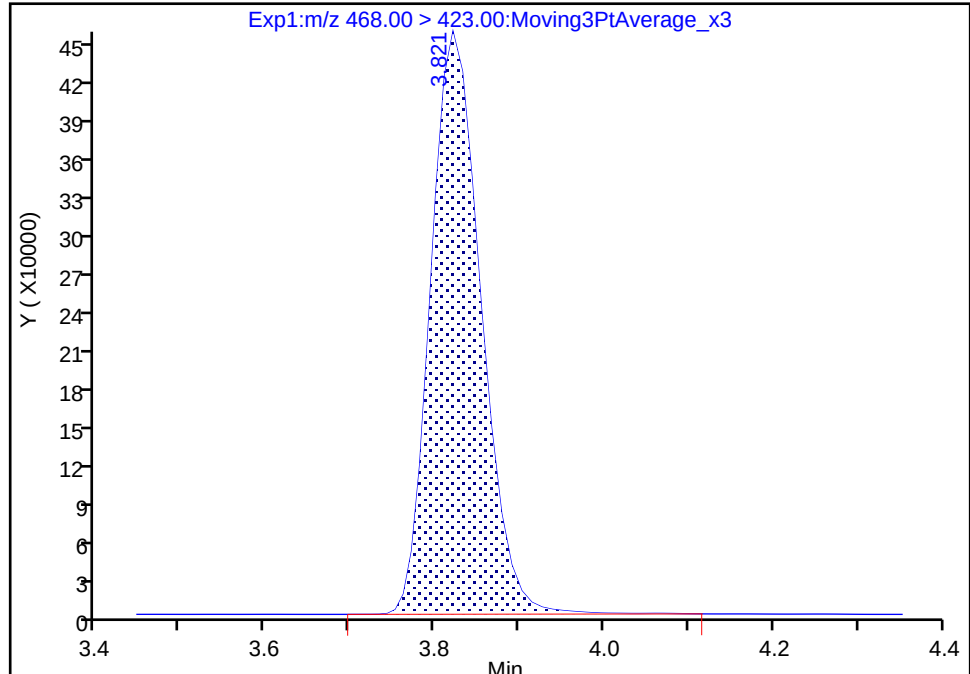
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 19 13C5 PFNA, CAS: STL00995

Signal: 1

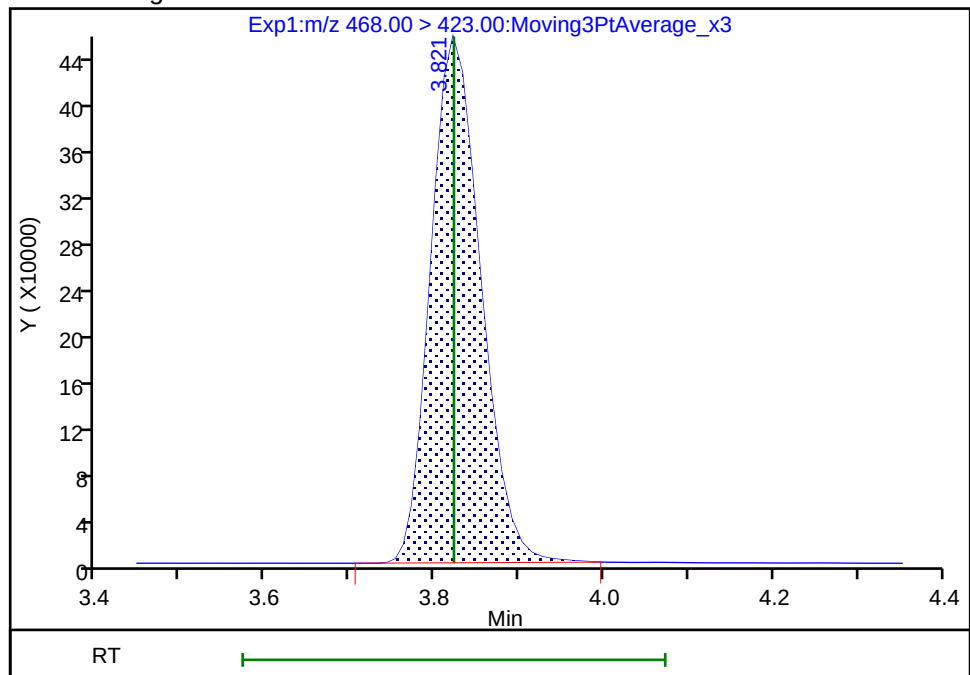
RT: 3.82
Area: 1870428
Amount: 0.843669
Amount Units: ng/ml

Processing Integration Results



RT: 3.82
Area: 1861564
Amount: 0.839670
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:39:03
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

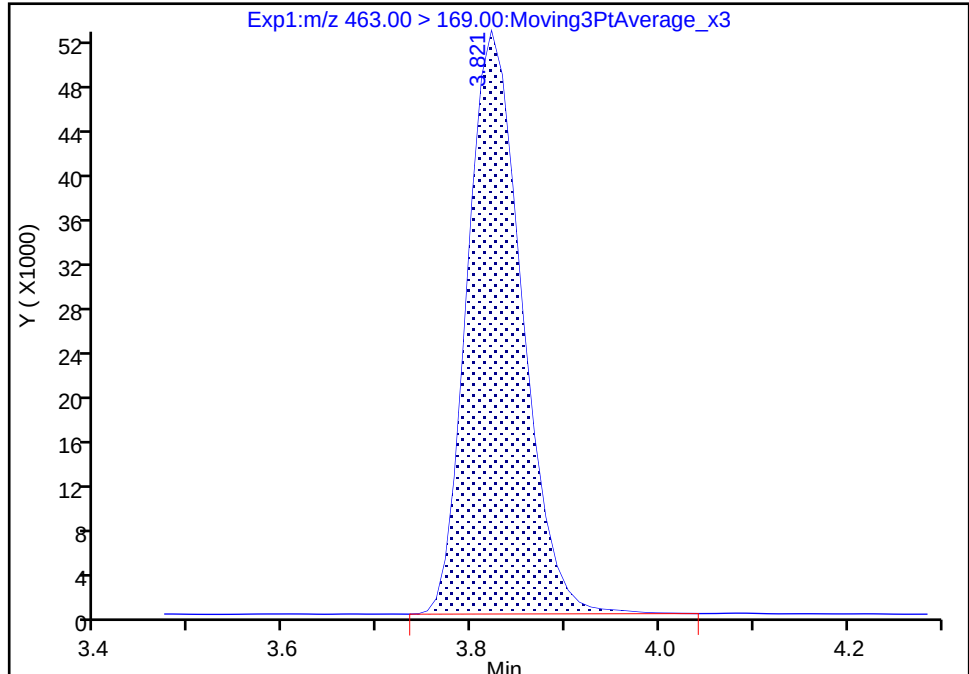
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

20 Perfluorononanoic acid, CAS: 375-95-1

Signal: 2

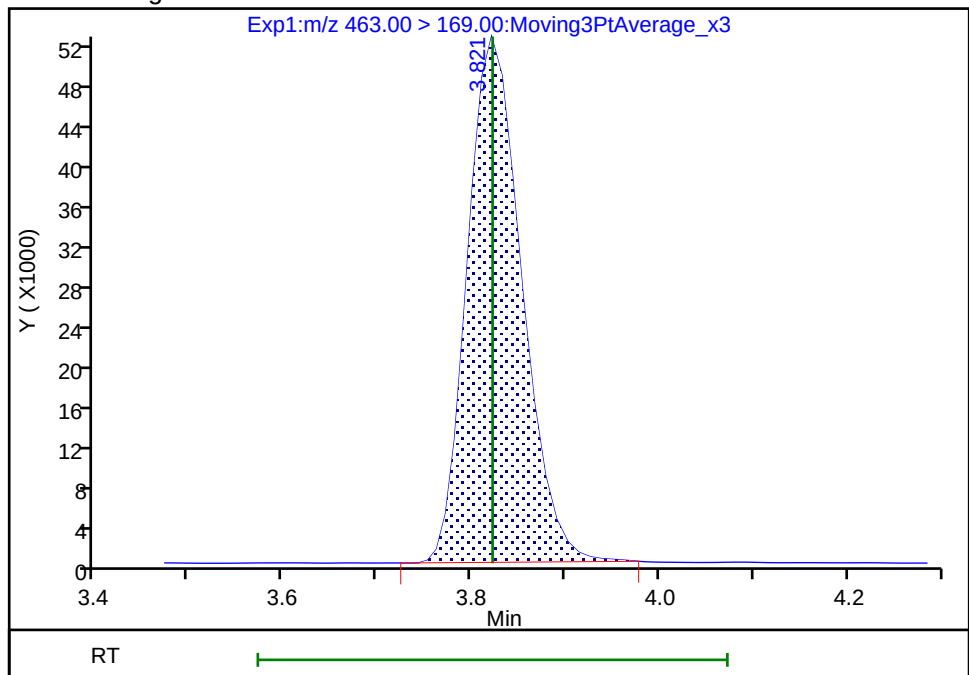
RT: 3.82
Area: 211007
Amount: 1.091114
Amount Units: ng/ml

Processing Integration Results



RT: 3.82
Area: 209775
Amount: 1.091114
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:39:08
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

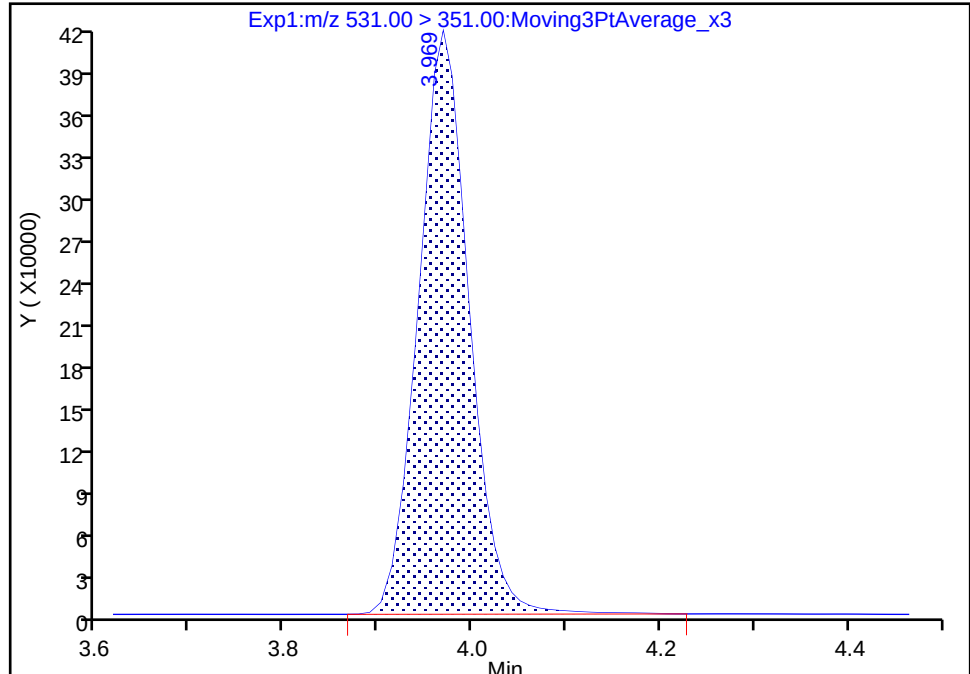
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

69 9-Chlorohexadecafluoro-3-oxanona, CAS: 756426-58-1

Signal: 1

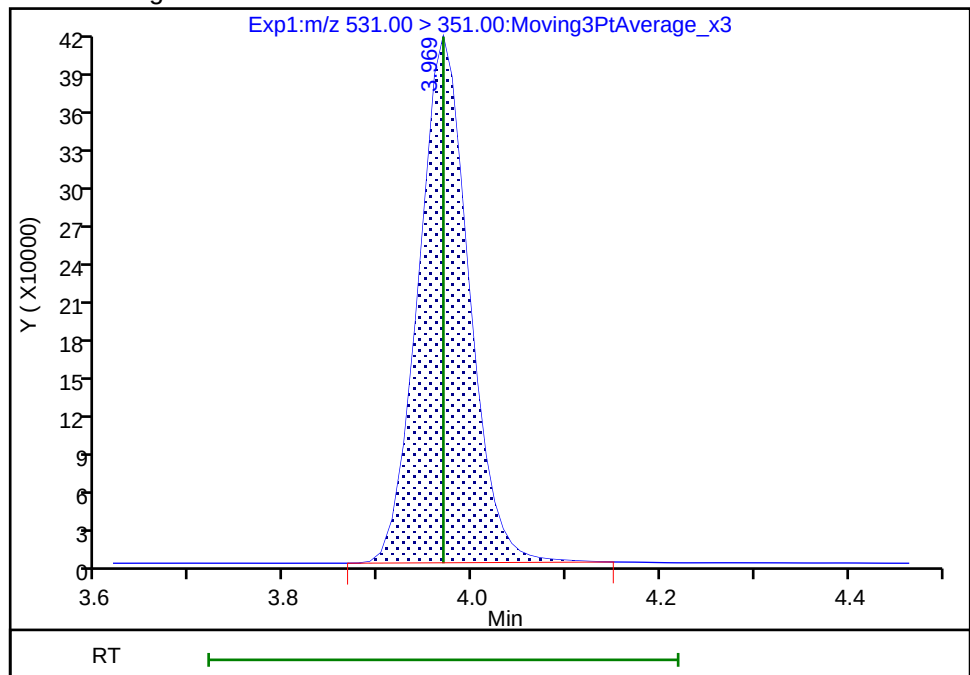
RT: 3.97
Area: 1545463
Amount: 1.140555
Amount Units: ng/ml

Processing Integration Results



RT: 3.97
Area: 1537545
Amount: 1.134711
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:39:13
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

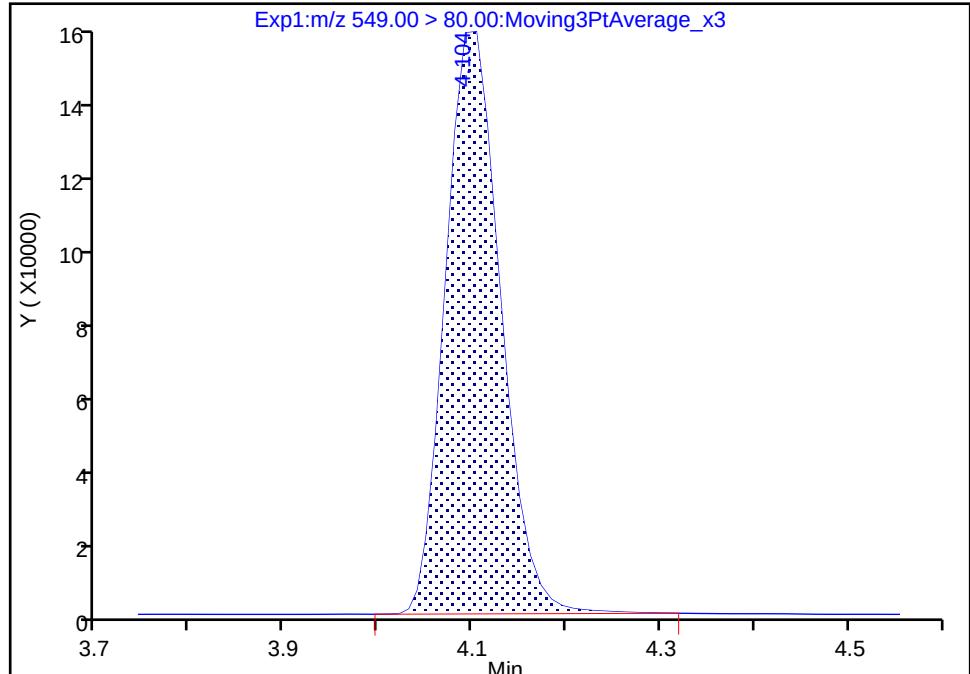
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

68 Perfluoronanesulfonic acid, CAS: 68259-12-1

Signal: 1

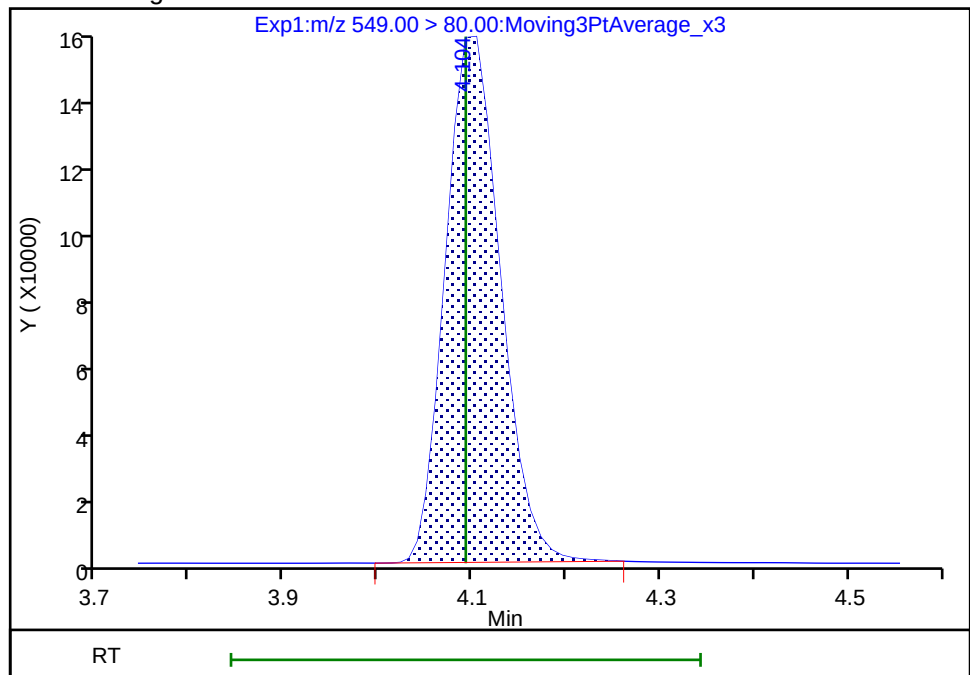
RT: 4.10
Area: 630659
Amount: 1.050069
Amount Units: ng/ml

Processing Integration Results



RT: 4.10
Area: 627438
Amount: 1.044706
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:39:19
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

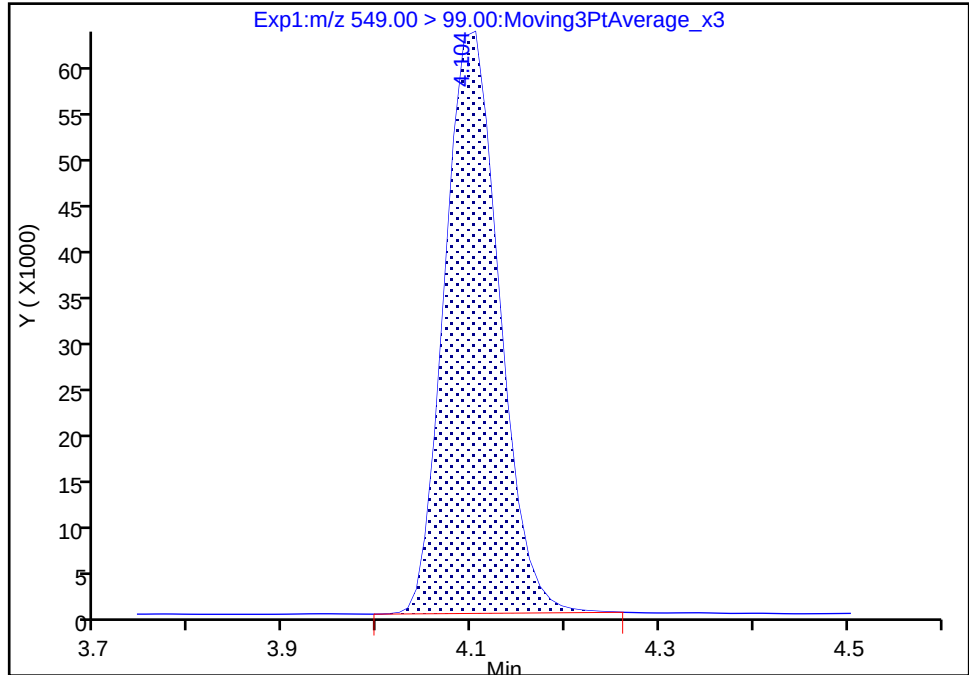
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

68 Perfluoronanesulfonic acid, CAS: 68259-12-1

Signal: 2

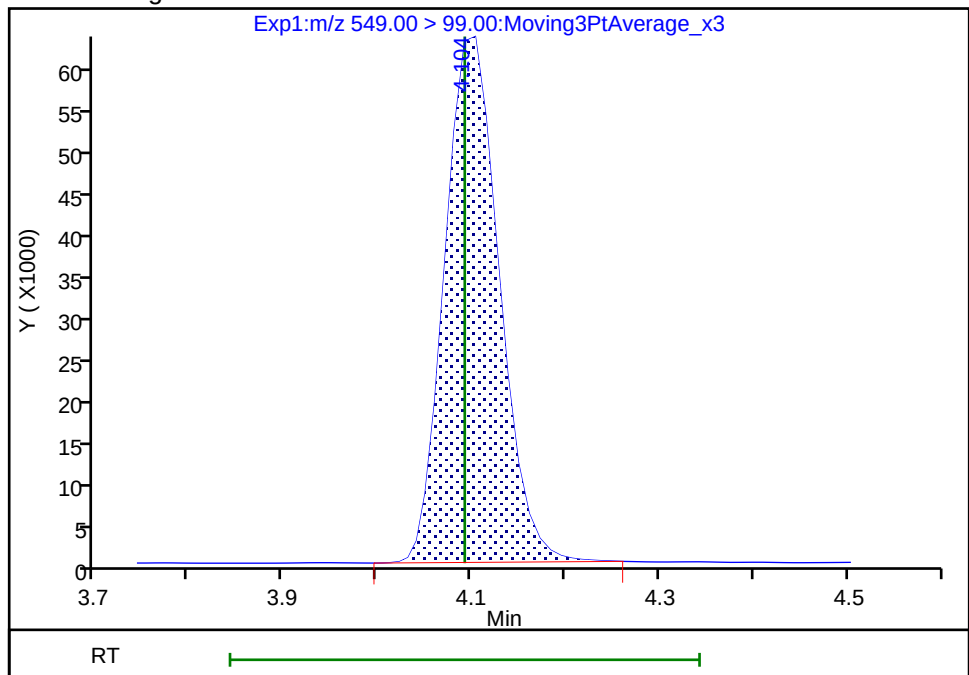
RT: 4.10
Area: 256410
Amount: 1.050069
Amount Units: ng/ml

Processing Integration Results



RT: 4.10
Area: 256410
Amount: 1.044706
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:39:28

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

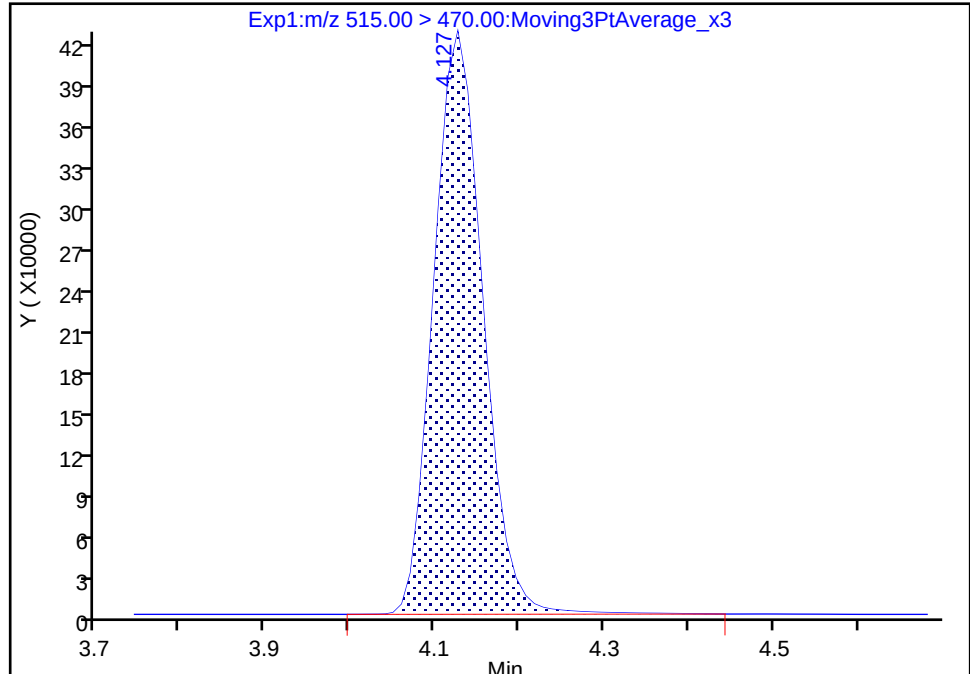
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 23 13C2 PFDA, CAS: STL00996

Signal: 1

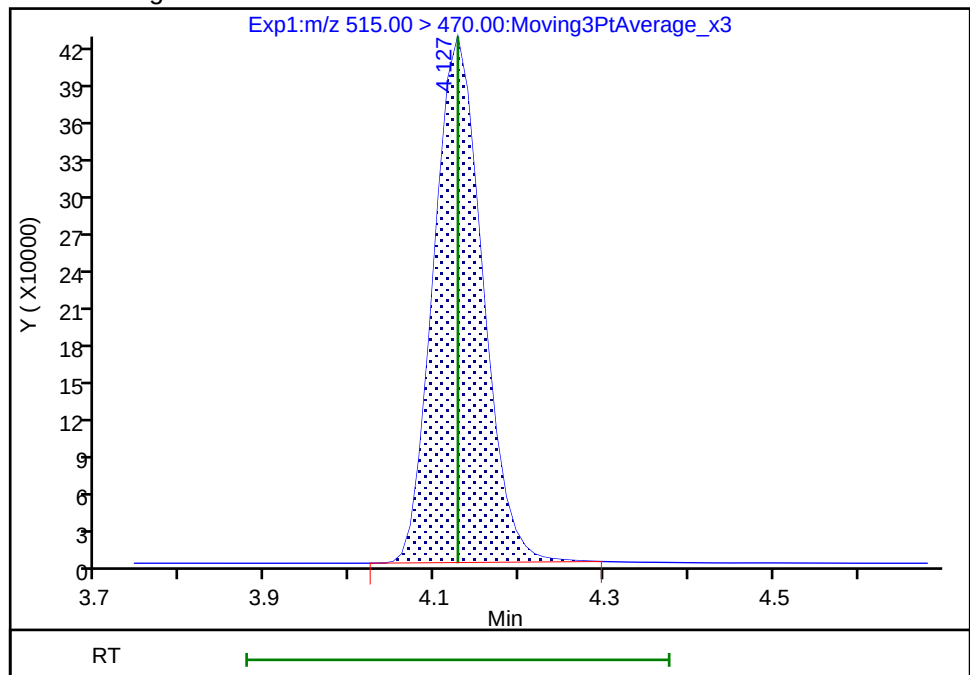
RT: 4.13
Area: 1731957
Amount: 0.802695
Amount Units: ng/ml

Processing Integration Results



RT: 4.13
Area: 1716953
Amount: 0.795741
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:39:45
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

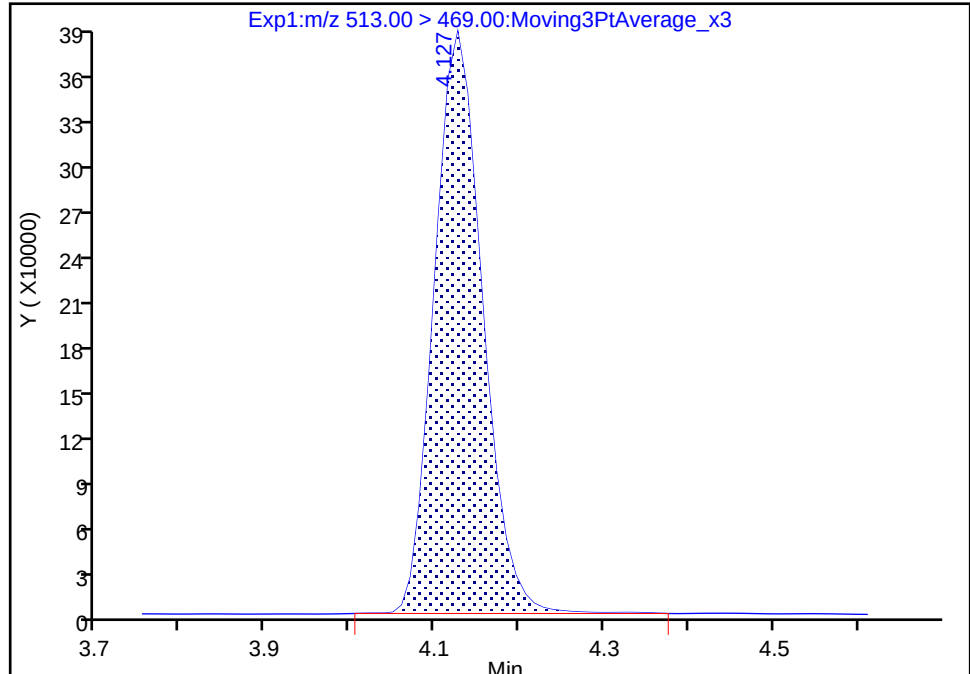
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

24 Perfluorodecanoic acid, CAS: 335-76-2

Signal: 1

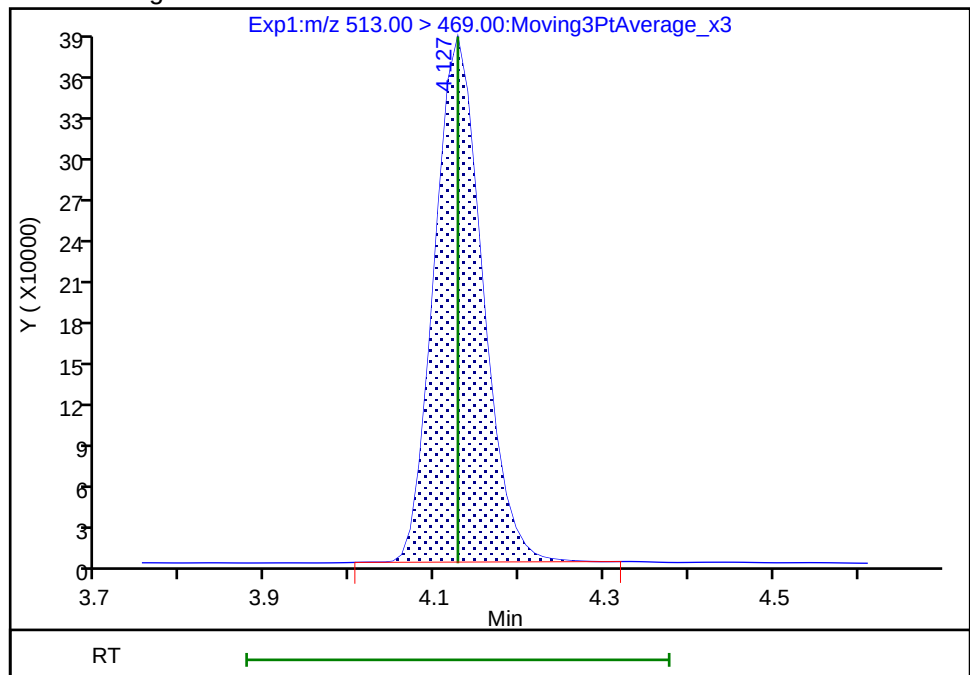
RT: 4.13
Area: 1534533
Amount: 1.053072
Amount Units: ng/ml

Processing Integration Results



RT: 4.13
Area: 1526795
Amount: 1.056918
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:39:41
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

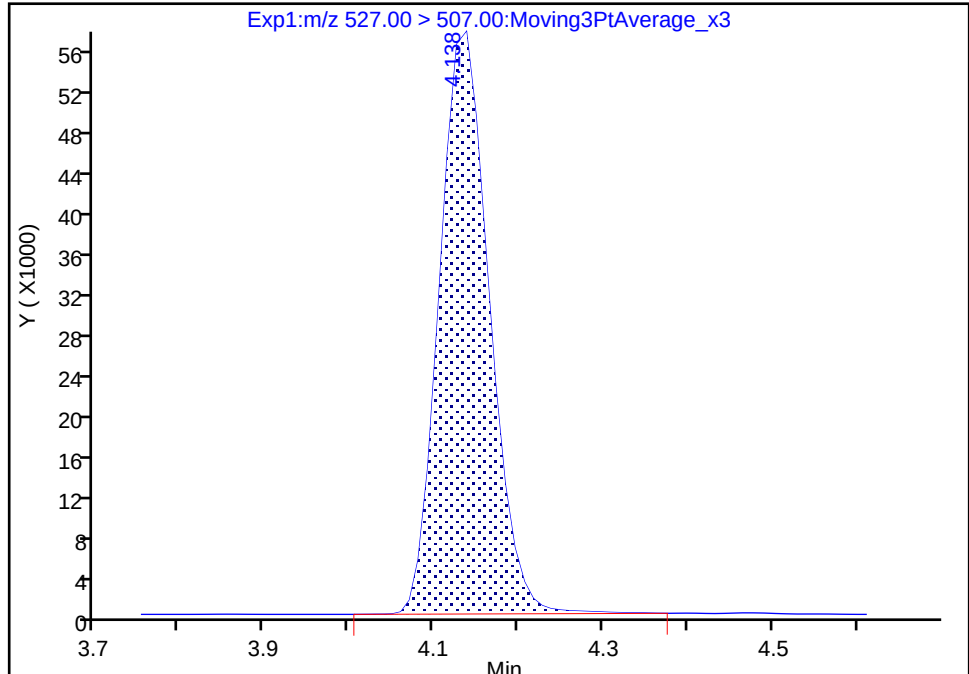
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

25 1H,1H,2H,2H-perfluorodecanesulfo, CAS: 39108-34-4

Signal: 1

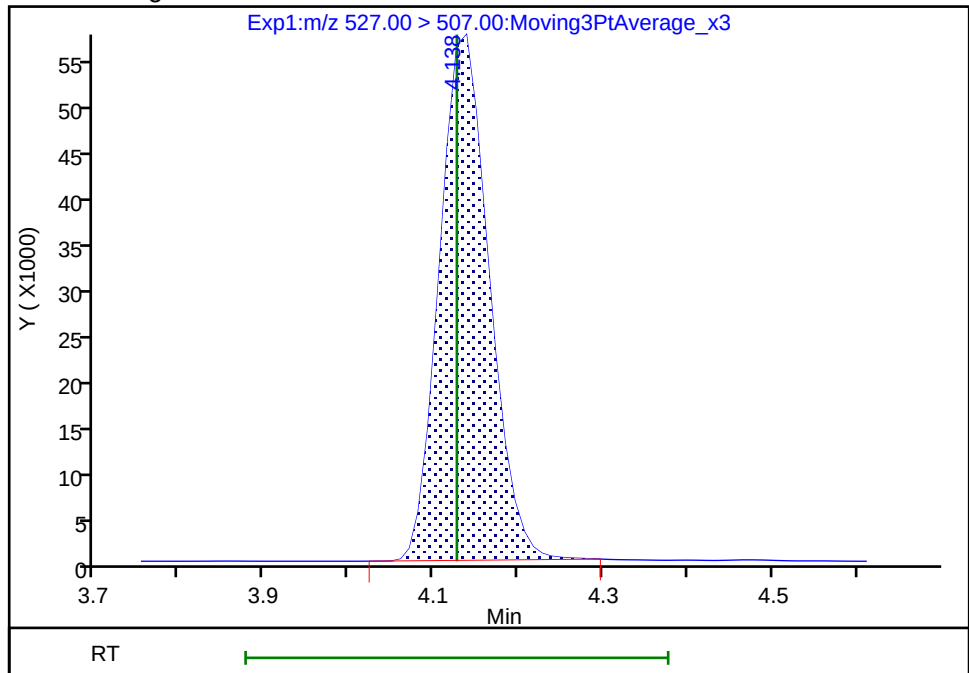
RT: 4.14
Area: 233893
Amount: 1.078748
Amount Units: ng/ml

Processing Integration Results



RT: 4.14
Area: 232301
Amount: 1.078905
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:39:36
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

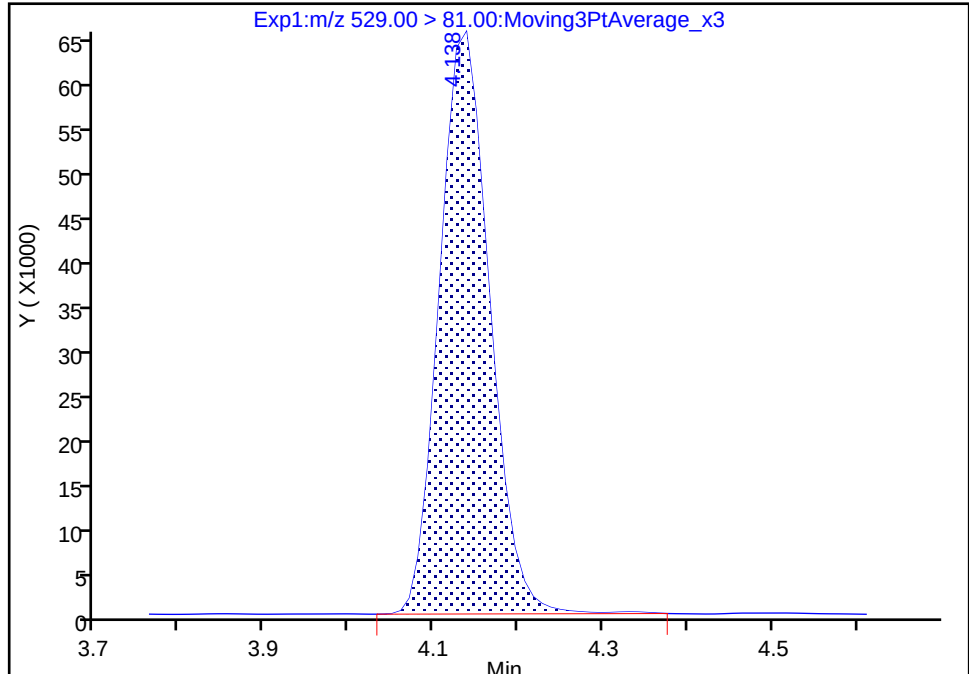
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 26 M2-8:2 FTS, CAS: STL02280

Signal: 1

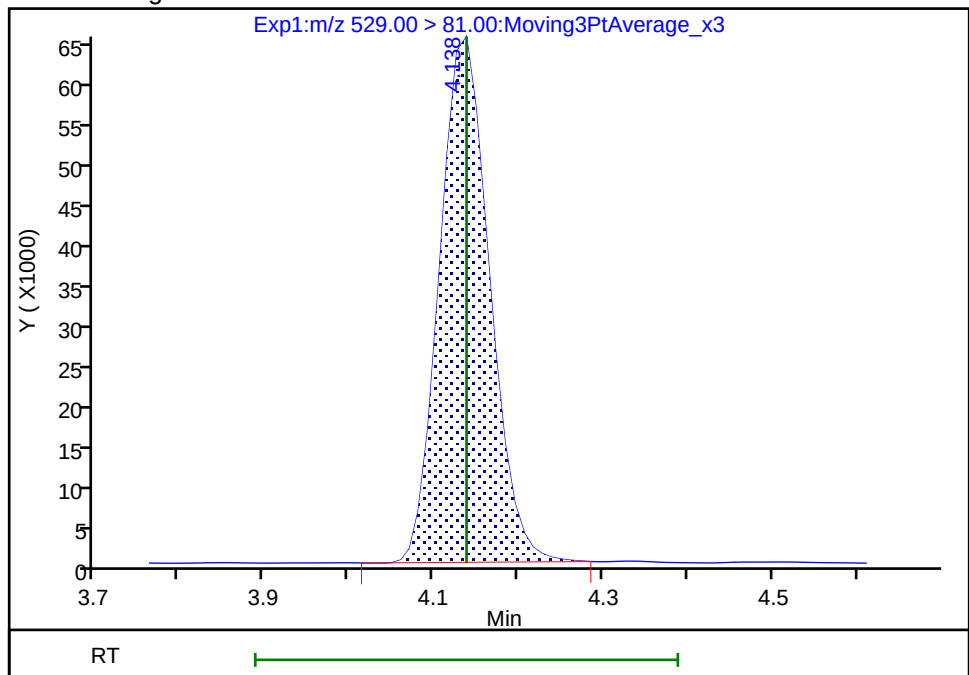
RT: 4.14
Area: 268873
Amount: 0.815233
Amount Units: ng/ml

Processing Integration Results



RT: 4.14
Area: 267004
Amount: 0.809566
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:39:57

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

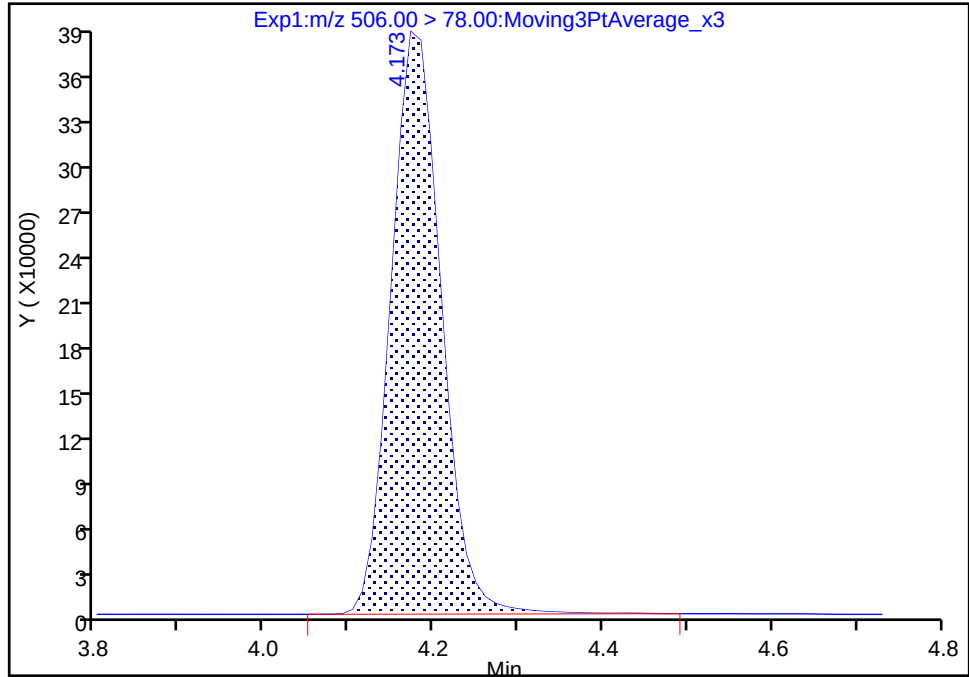
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 21 13C8 FOSA, CAS: STL01056

Signal: 1

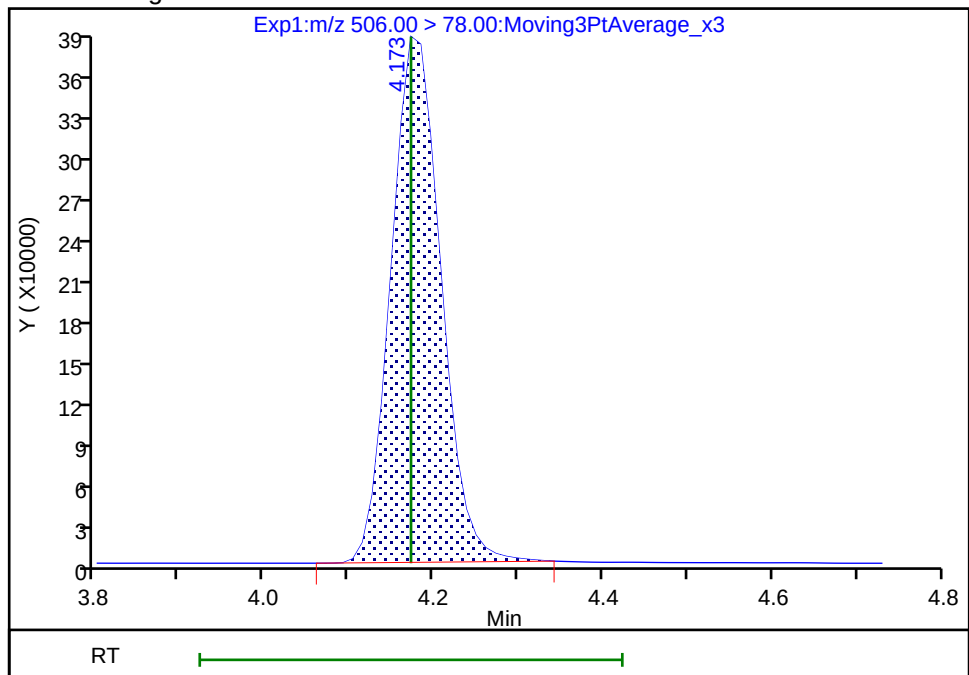
RT: 4.17
Area: 1577327
Amount: 0.835248
Amount Units: ng/ml

Processing Integration Results



RT: 4.17
Area: 1563396
Amount: 0.827871
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:40:01
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

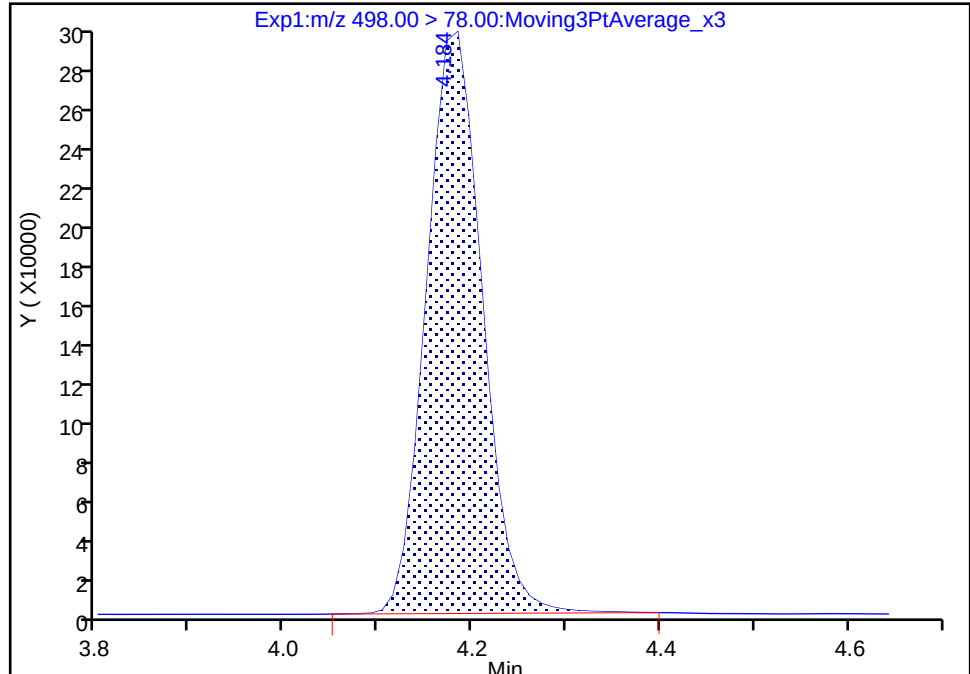
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

22 Perfluorooctanesulfonamide, CAS: 754-91-6

Signal: 1

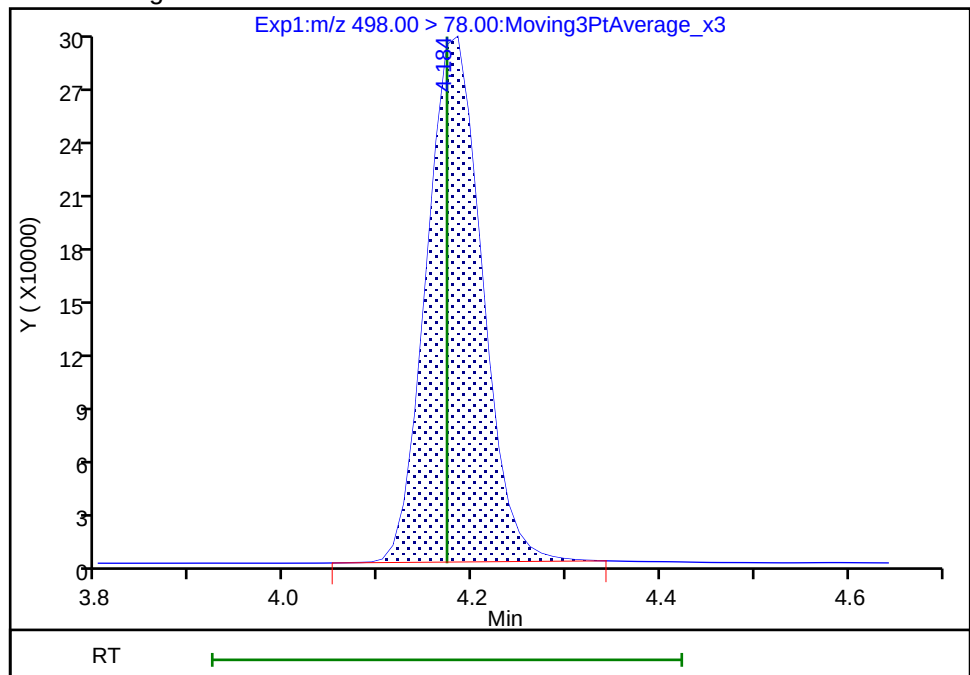
RT: 4.18
Area: 1214888
Amount: 0.953234
Amount Units: ng/ml

Processing Integration Results



RT: 4.18
Area: 1209120
Amount: 0.948708
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:40:06
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

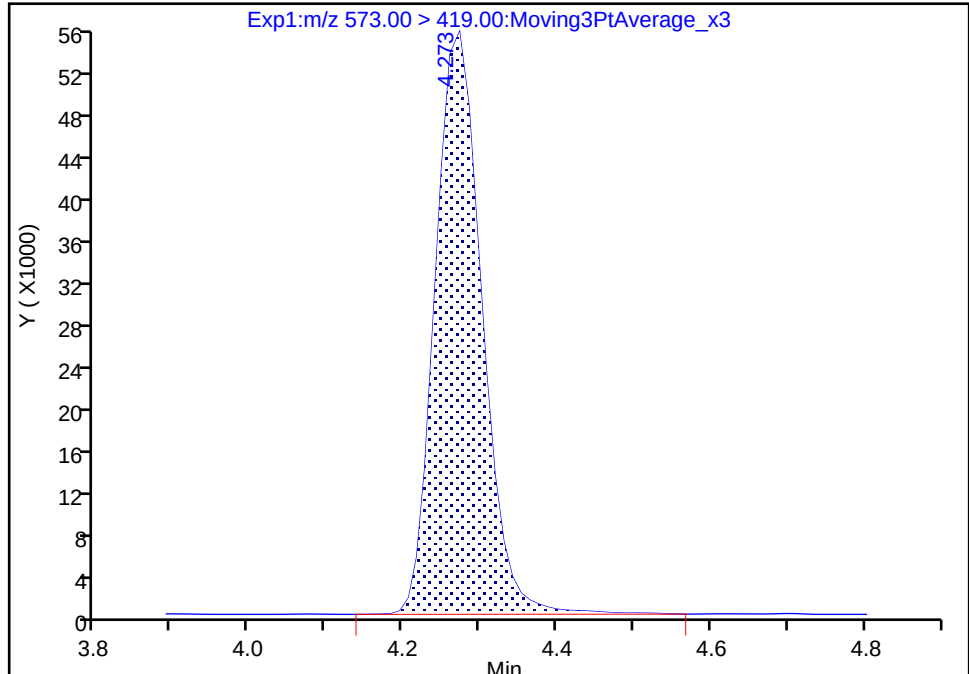
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 27 d3-NMeFOSAA, CAS: STL02118

Signal: 1

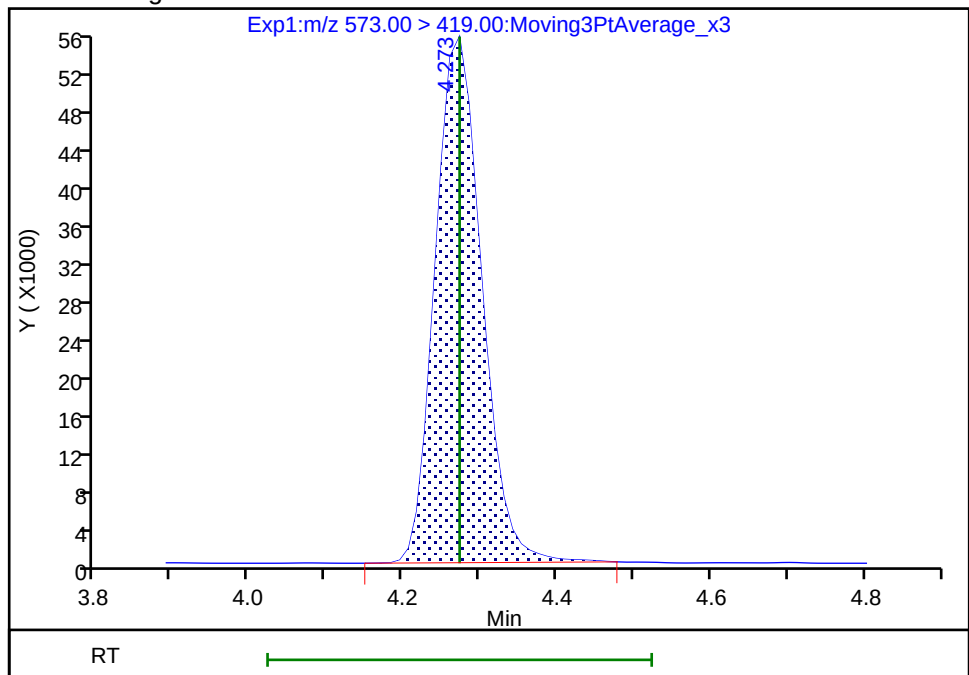
RT: 4.27
Area: 234684
Amount: 0.811502
Amount Units: ng/ml

Processing Integration Results



RT: 4.27
Area: 233049
Amount: 0.805849
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:40:16
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

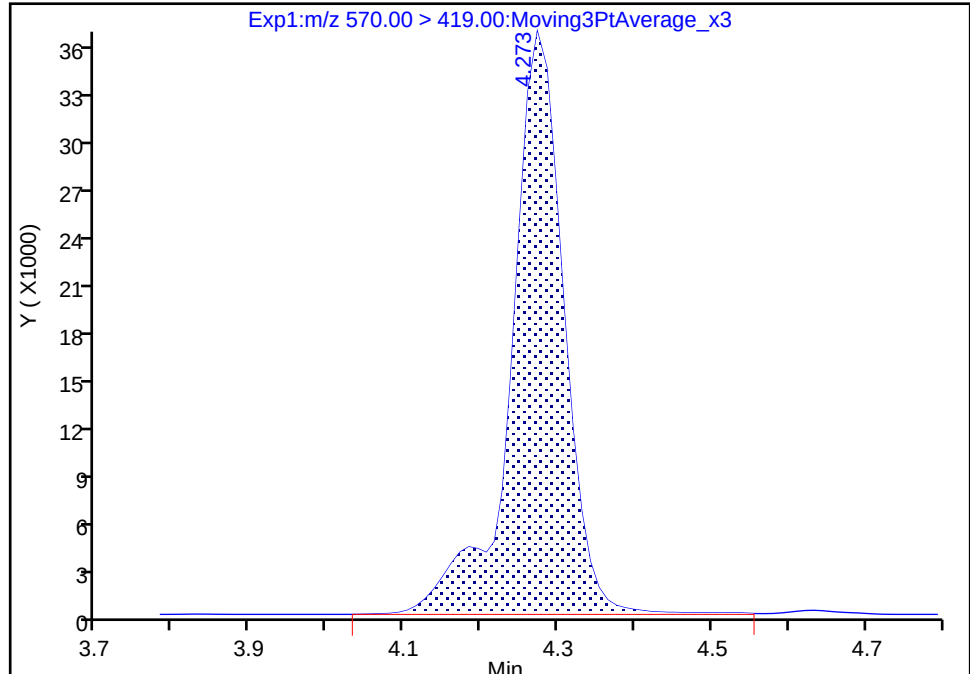
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

28 N-methylperfluorooctanesulfonami, CAS: 2355-31-9

Signal: 1

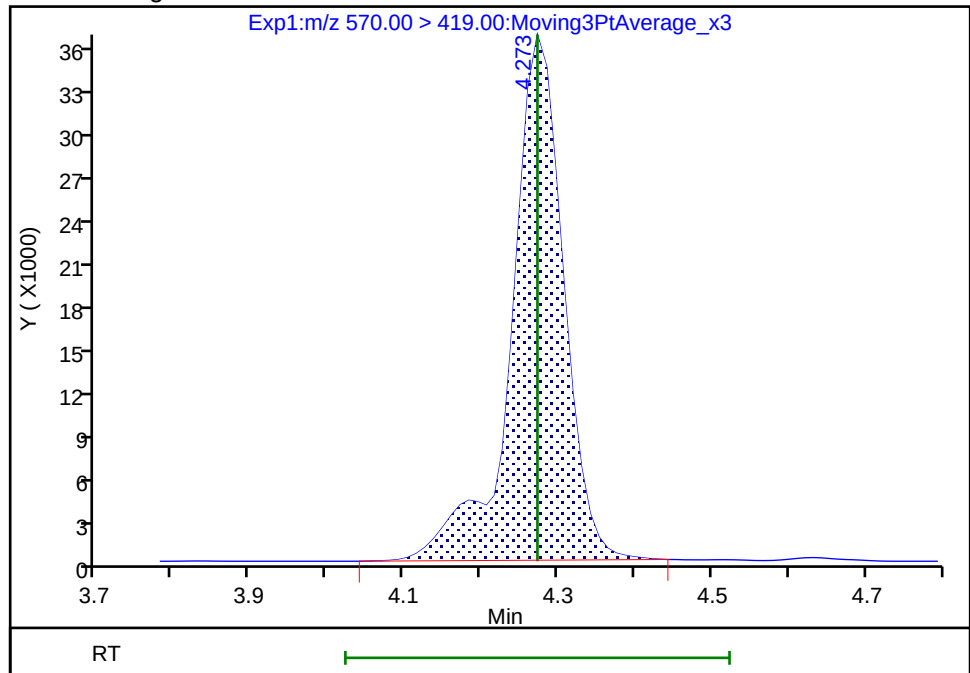
RT: 4.27
Area: 176320
Amount: 1.057452
Amount Units: ng/ml

Processing Integration Results



RT: 4.27
Area: 174136
Amount: 1.051681
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:40:12
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

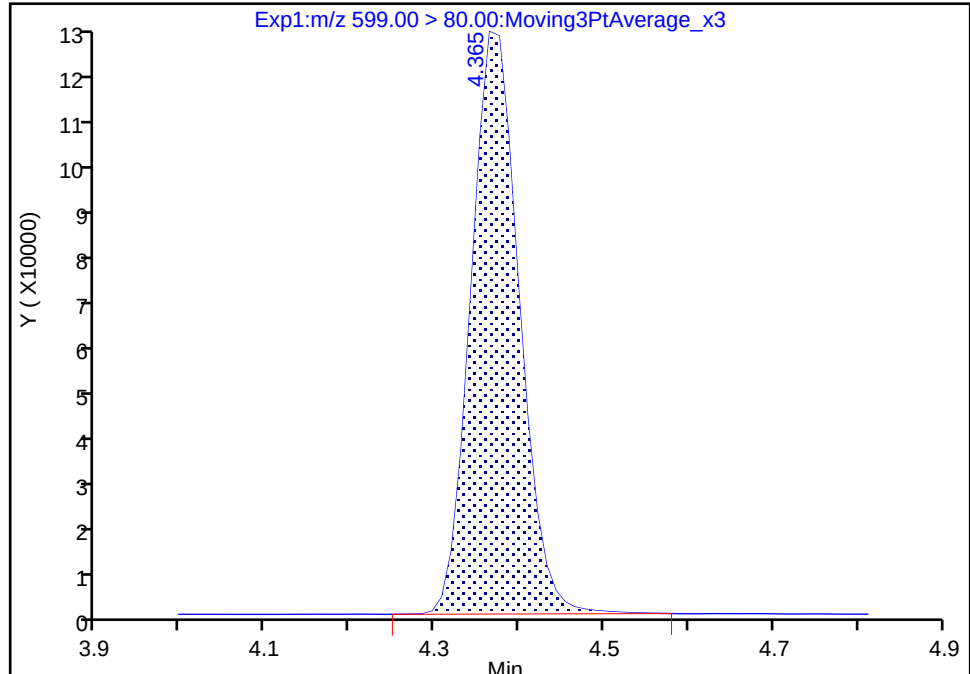
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

29 Perfluorodecanesulfonic acid, CAS: 335-77-3

Signal: 1

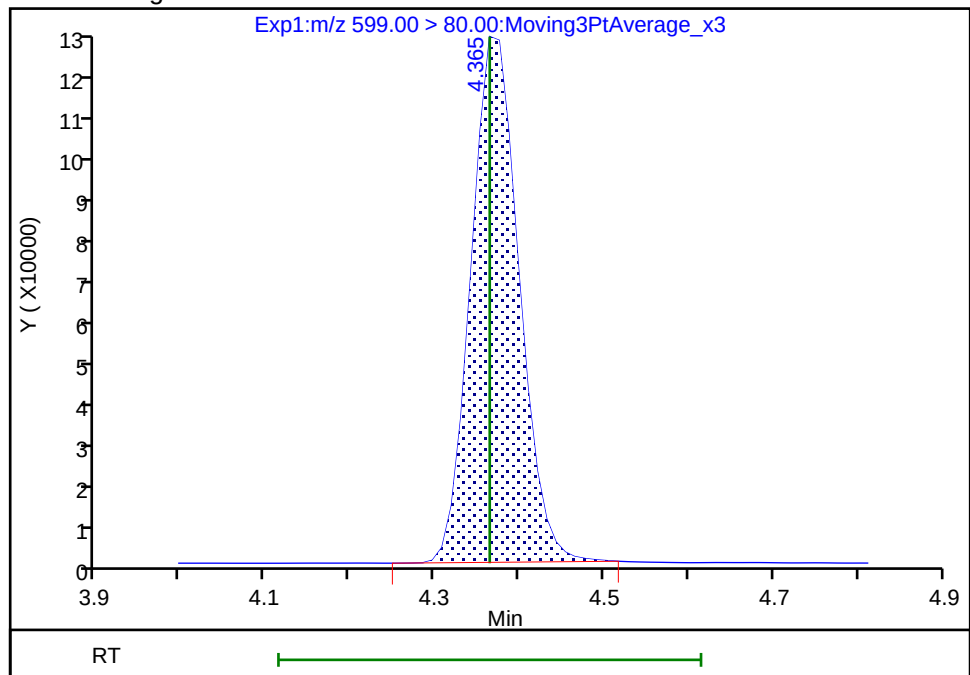
RT: 4.36
Area: 509645
Amount: 1.140322
Amount Units: ng/ml

Processing Integration Results



RT: 4.36
Area: 506441
Amount: 1.133153
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:40:21
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

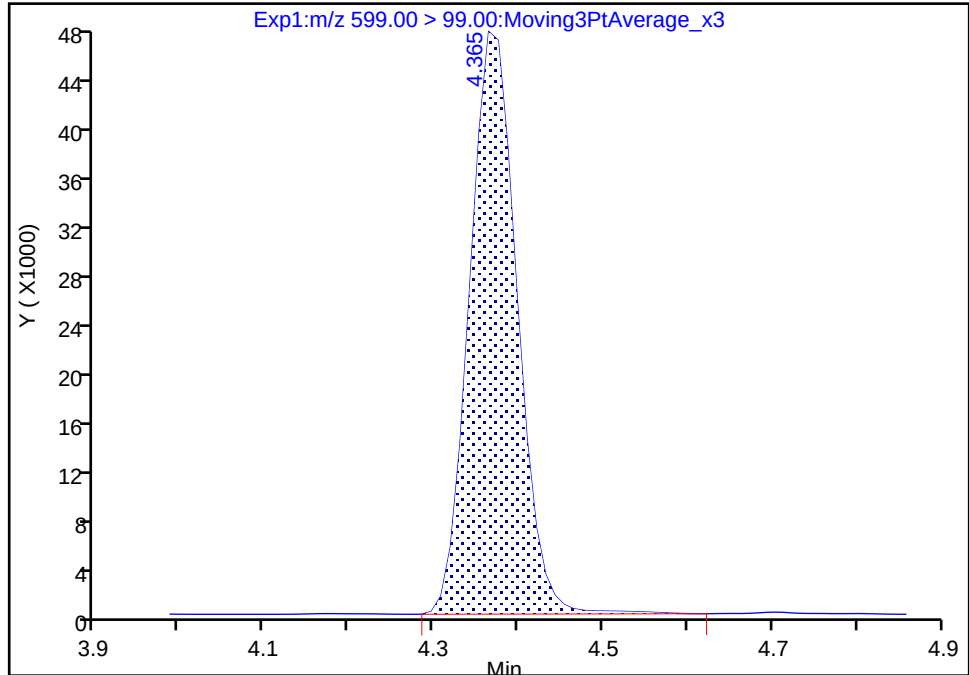
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

29 Perfluorodecanesulfonic acid, CAS: 335-77-3

Signal: 2

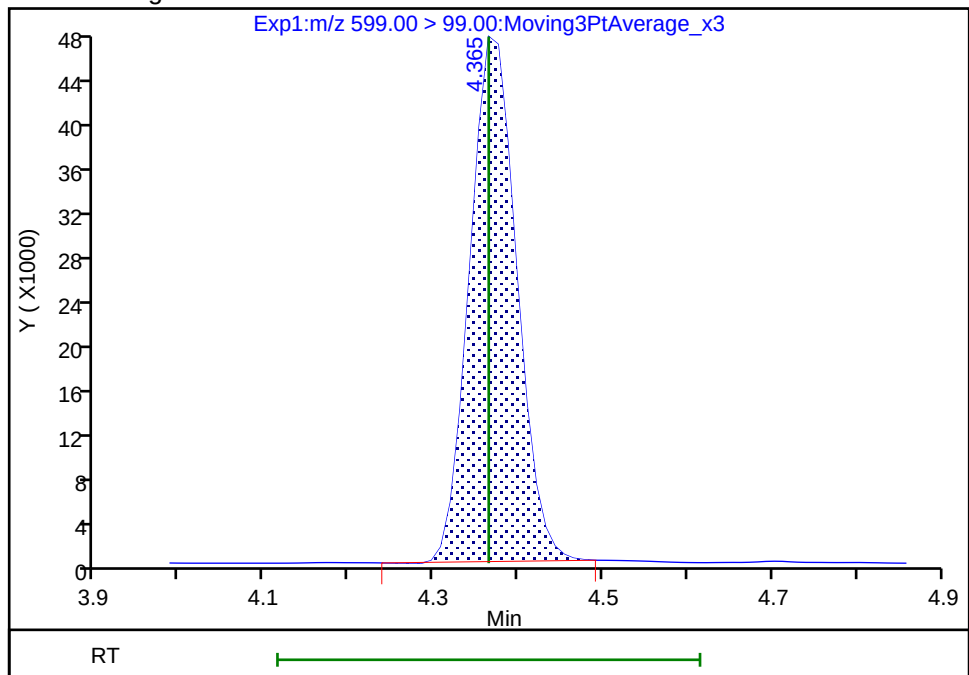
RT: 4.36
Area: 186932
Amount: 1.140322
Amount Units: ng/ml

Processing Integration Results



RT: 4.36
Area: 184002
Amount: 1.133153
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:40:24

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

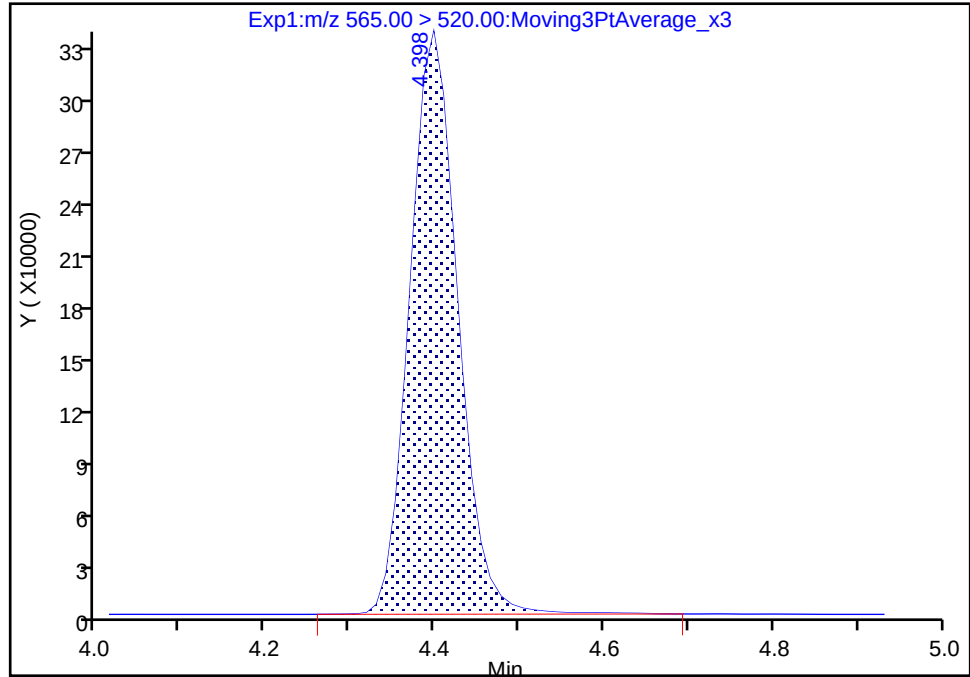
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 30 13C2 PFUnA, CAS: STL00997

Signal: 1

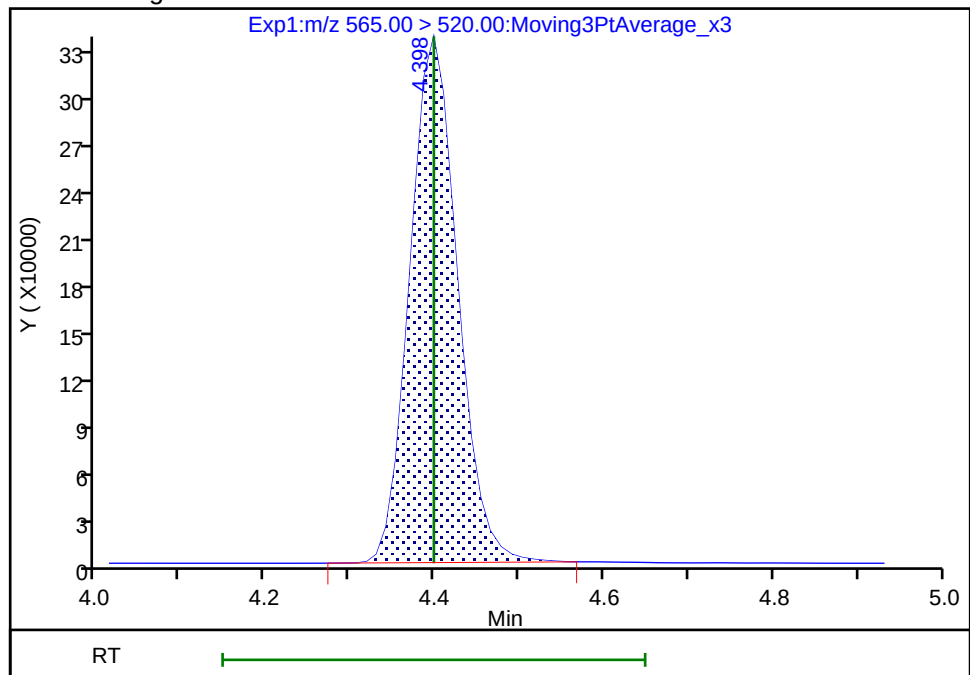
RT: 4.40
Area: 1324935
Amount: 0.810445
Amount Units: ng/ml

Processing Integration Results



RT: 4.40
Area: 1315326
Amount: 0.804568
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:40:41
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

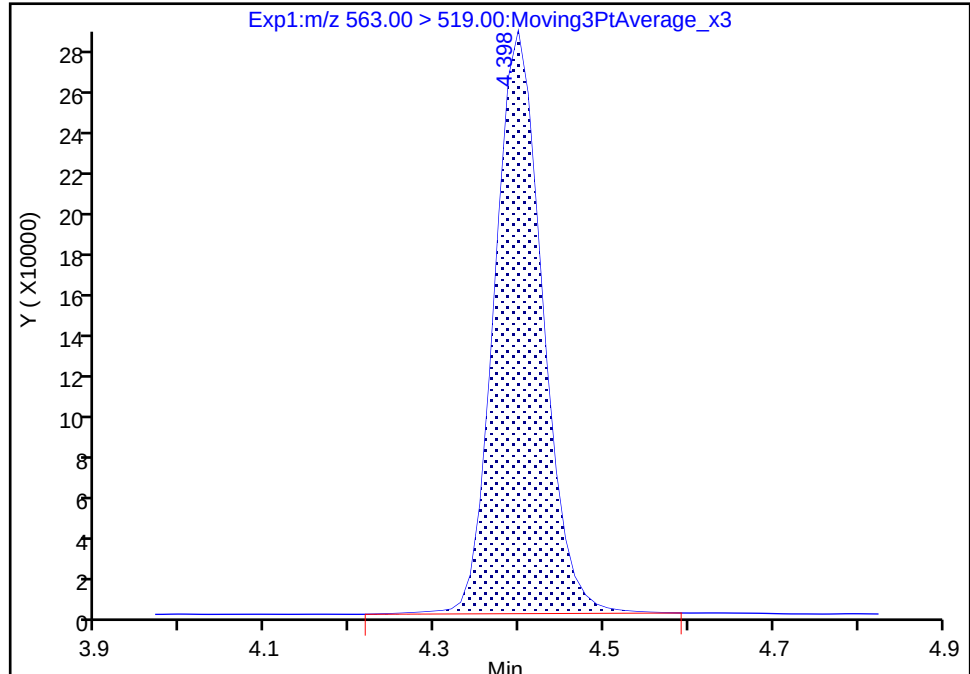
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

31 Perfluoroundecanoic acid, CAS: 2058-94-8

Signal: 1

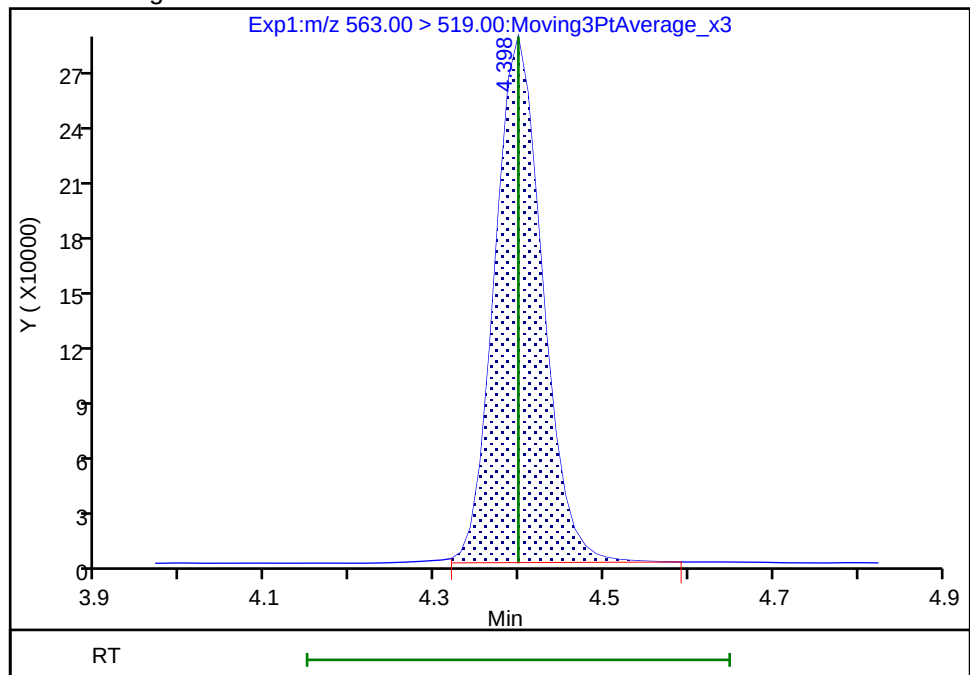
RT: 4.40
Area: 1129531
Amount: 1.005861
Amount Units: ng/ml

Processing Integration Results



RT: 4.40
Area: 1125072
Amount: 1.009210
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:40:32
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

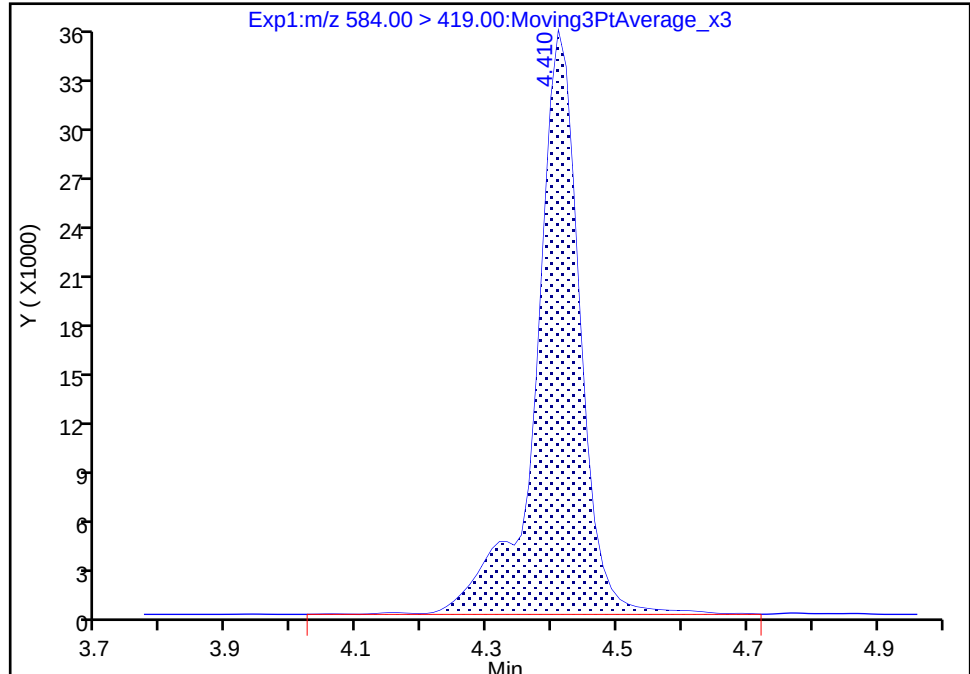
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

33 N-ethylperfluorooctanesulfonamid, CAS: 2991-50-6

Signal: 1

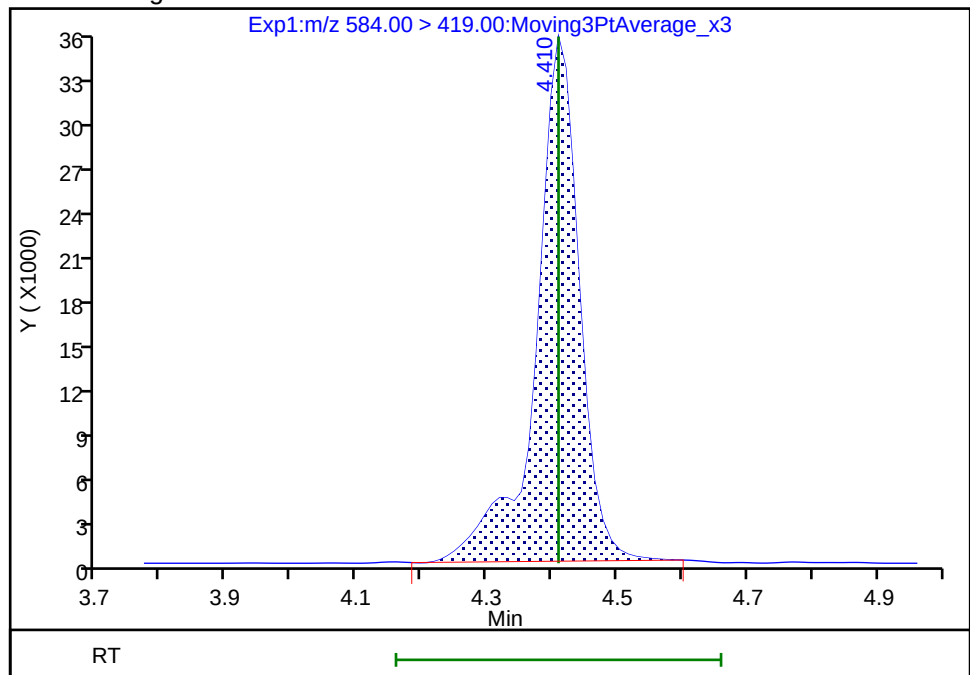
RT: 4.41
Area: 166984
Amount: 1.094346
Amount Units: ng/ml

Processing Integration Results



RT: 4.41
Area: 162832
Amount: 1.067135
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:40:46
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

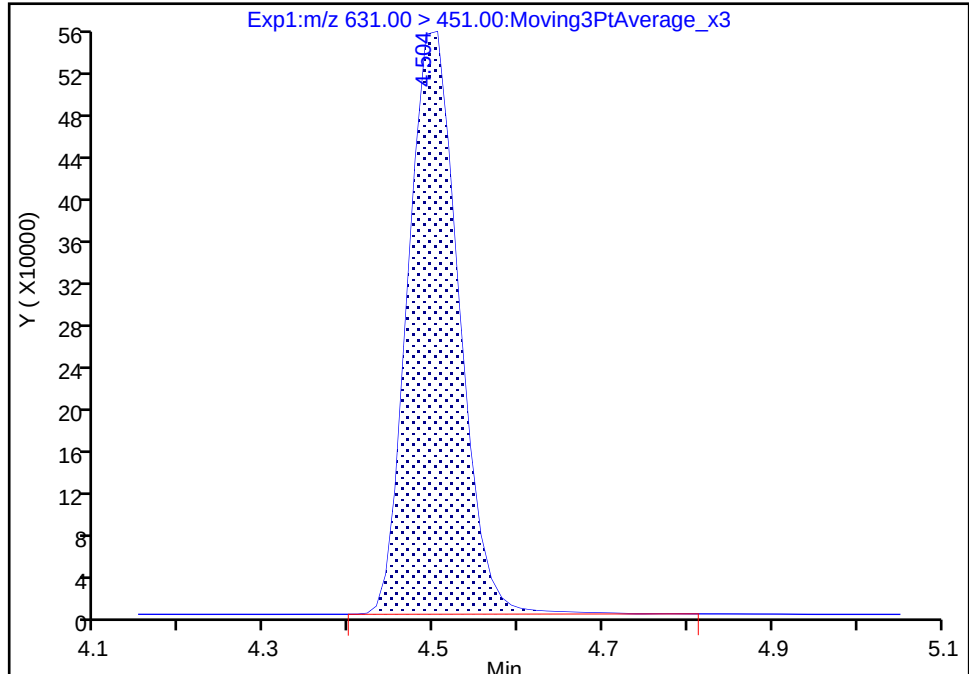
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

66 11-Chloroeicosafluoro-3-oxaundec, CAS: 763051-92-9

Signal: 1

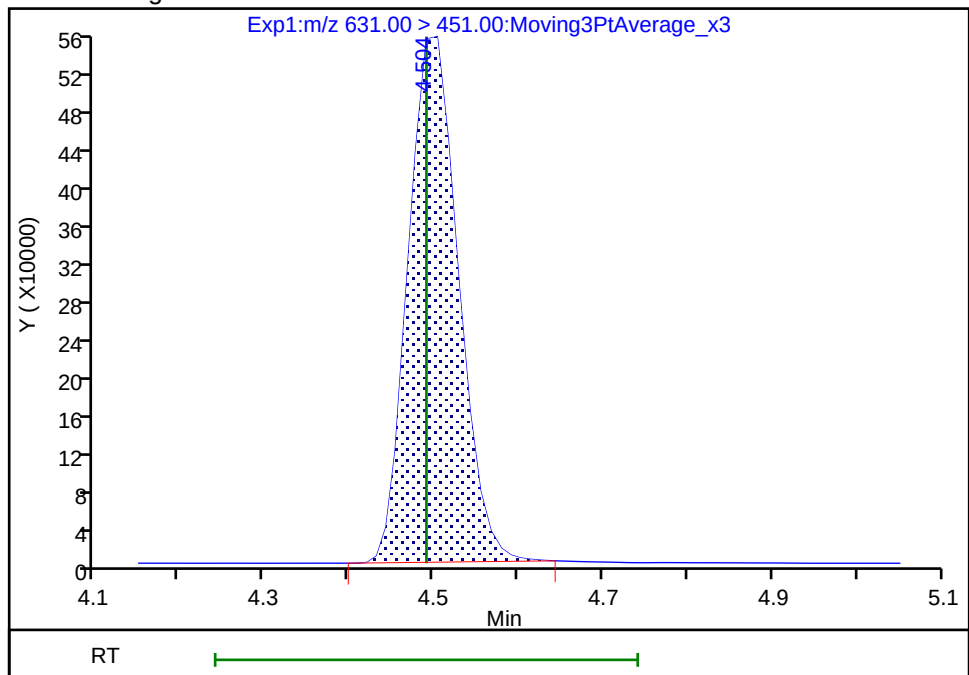
RT: 4.50
Area: 2314632
Amount: 1.305764
Amount Units: ng/ml

Processing Integration Results



RT: 4.50
Area: 2291190
Amount: 1.299145
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:23:50
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

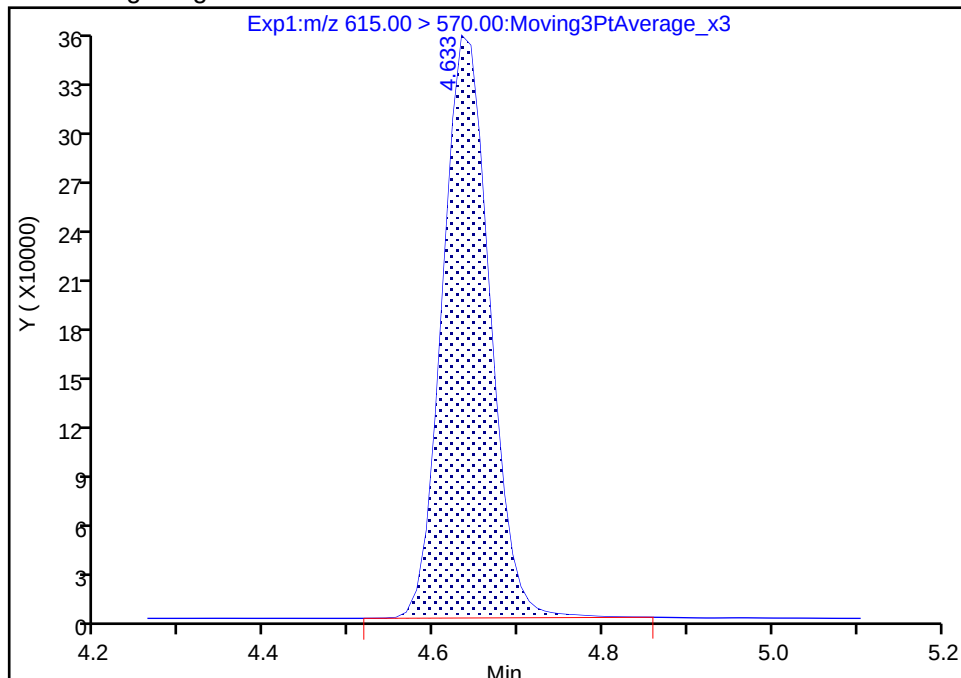
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 36 13C2 PFD_oA, CAS: STL00998

Signal: 1

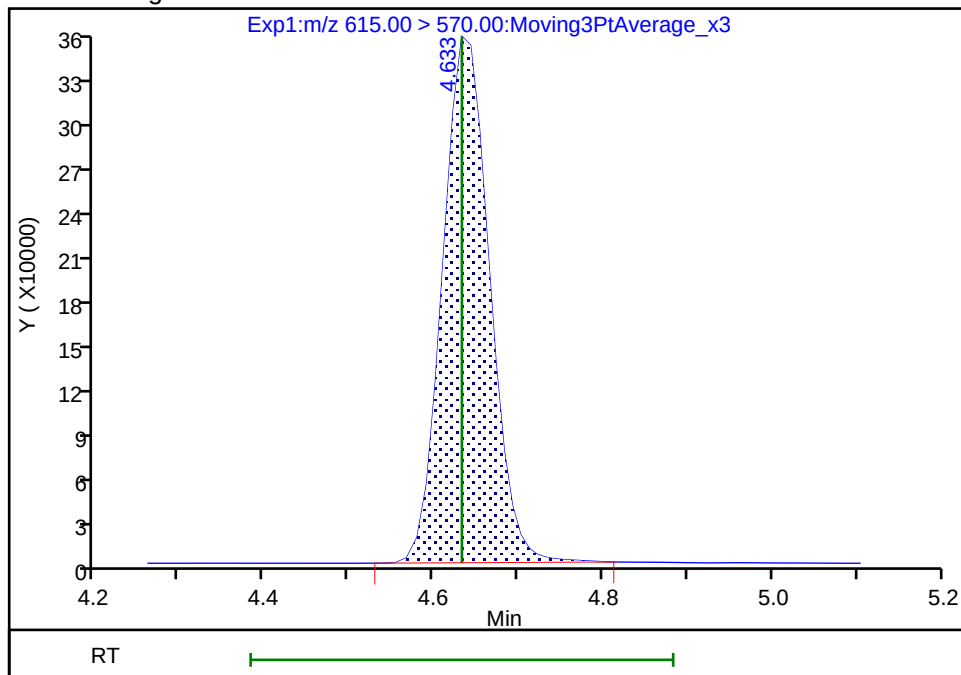
RT: 4.63
Area: 1383093
Amount: 0.816431
Amount Units: ng/ml

Processing Integration Results



RT: 4.63
Area: 1380113
Amount: 0.814672
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:40:53

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

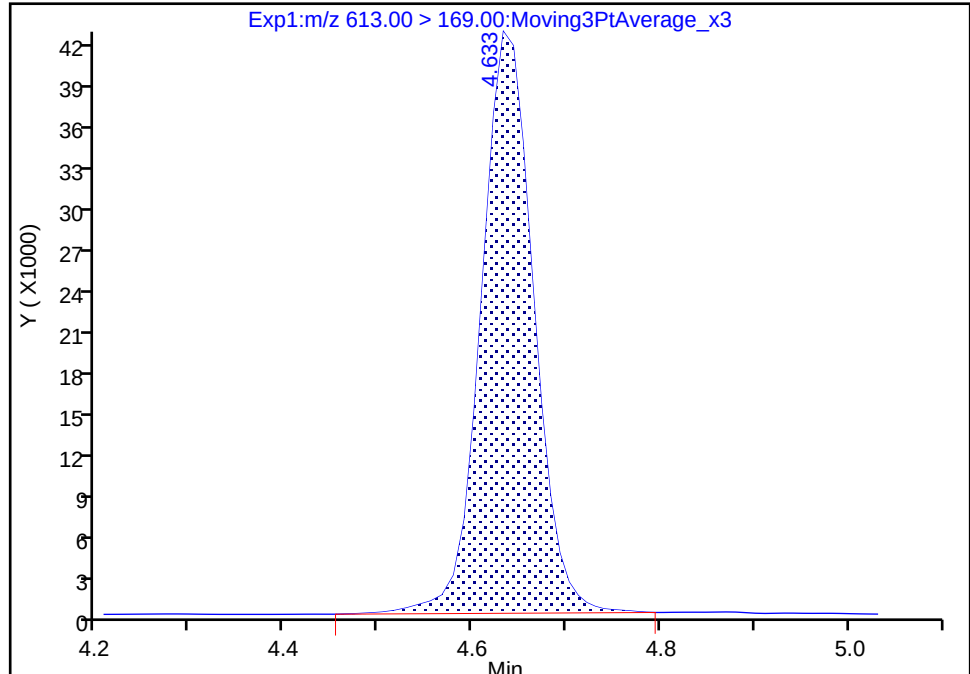
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

37 Perfluorododecanoic acid, CAS: 307-55-1

Signal: 2

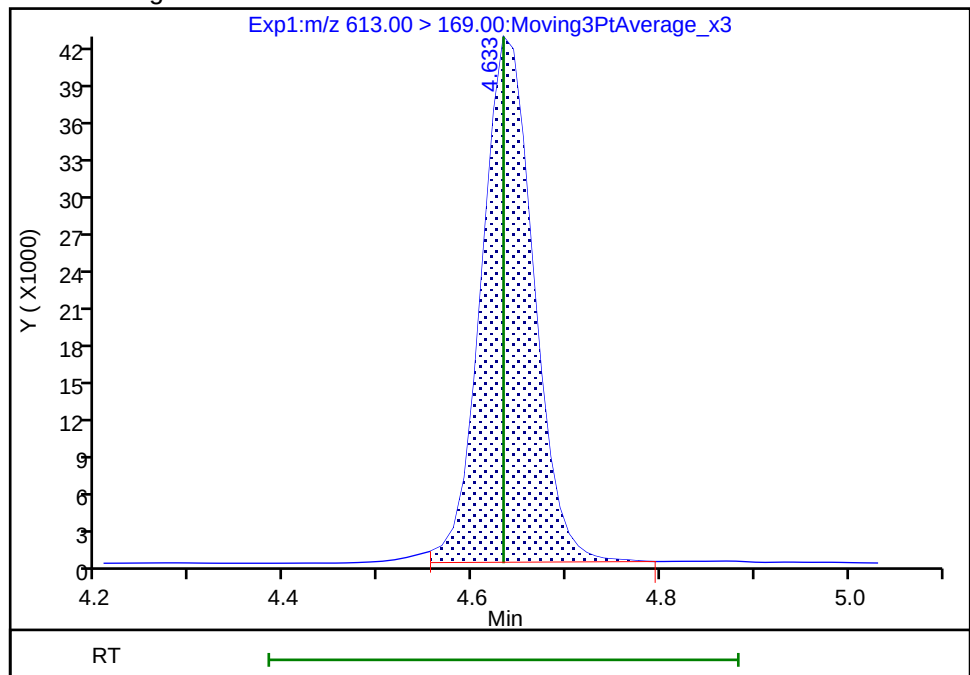
RT: 4.63
Area: 164134
Amount: 0.990238
Amount Units: ng/ml

Processing Integration Results



RT: 4.63
Area: 162557
Amount: 0.990238
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:40:59
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

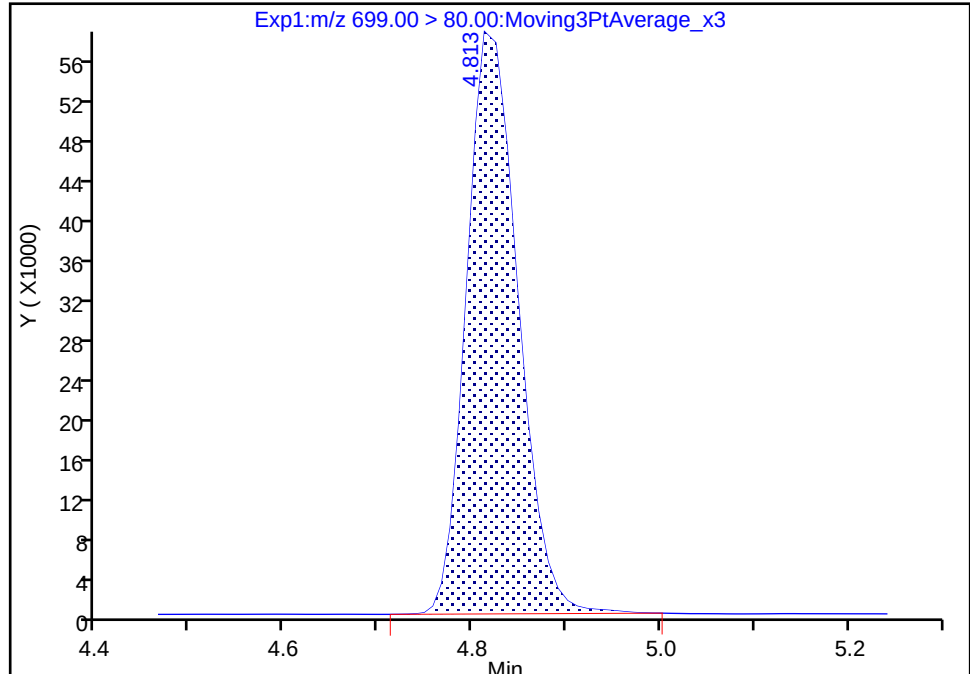
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

75 Perfluorododecanesulfonic acid (, CAS: 79780-39-5

Signal: 1

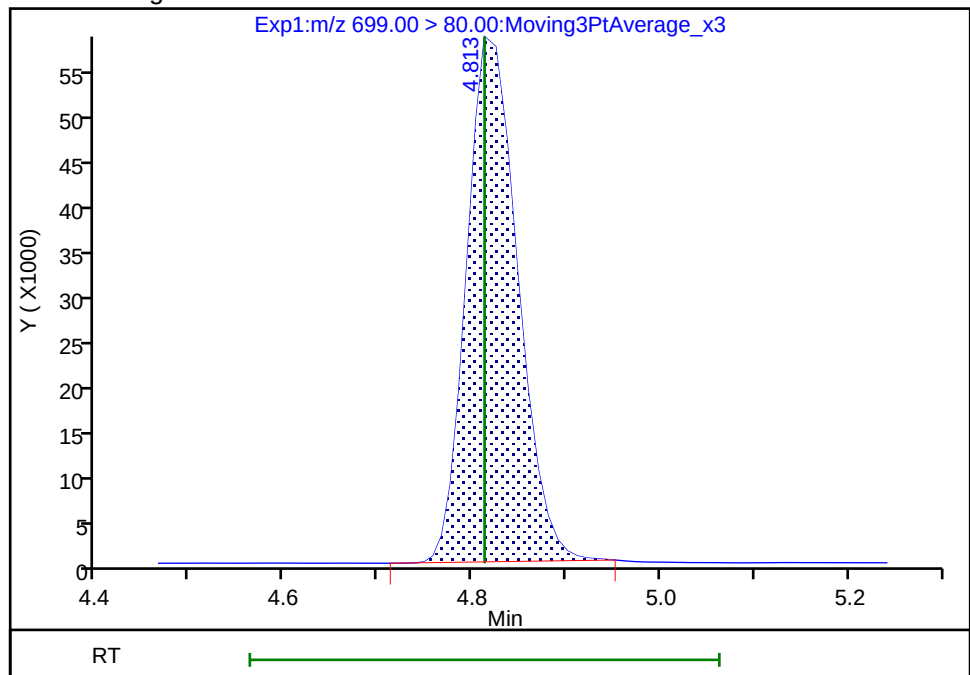
RT: 4.81
Area: 223300
Amount: 1.125293
Amount Units: ng/ml

Processing Integration Results



RT: 4.81
Area: 221186
Amount: 1.114640
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:41:22
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

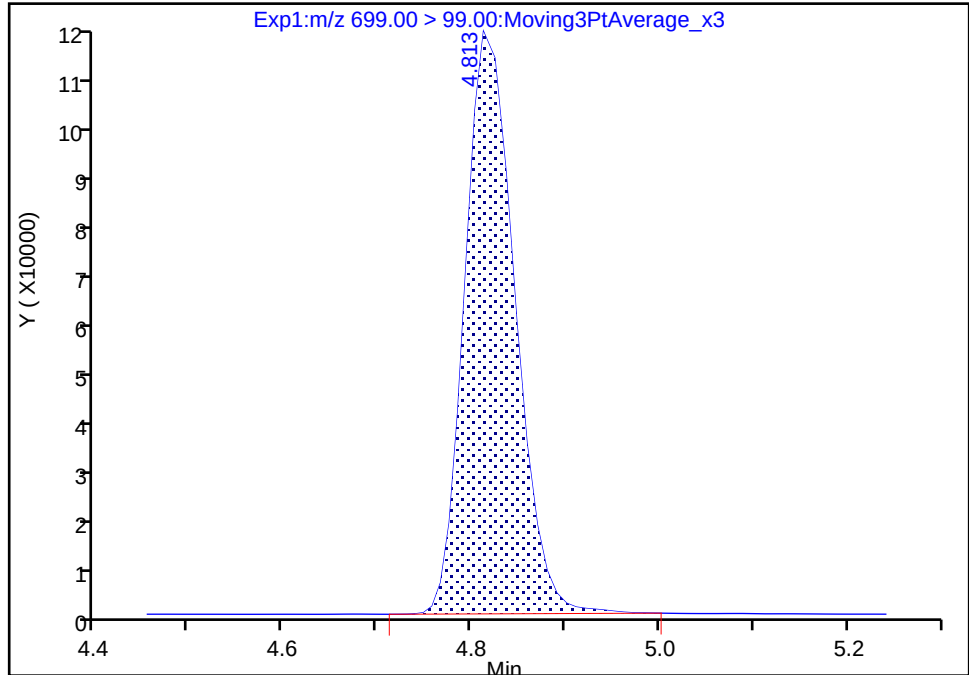
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

75 Perfluorododecanesulfonic acid (, CAS: 79780-39-5

Signal: 2

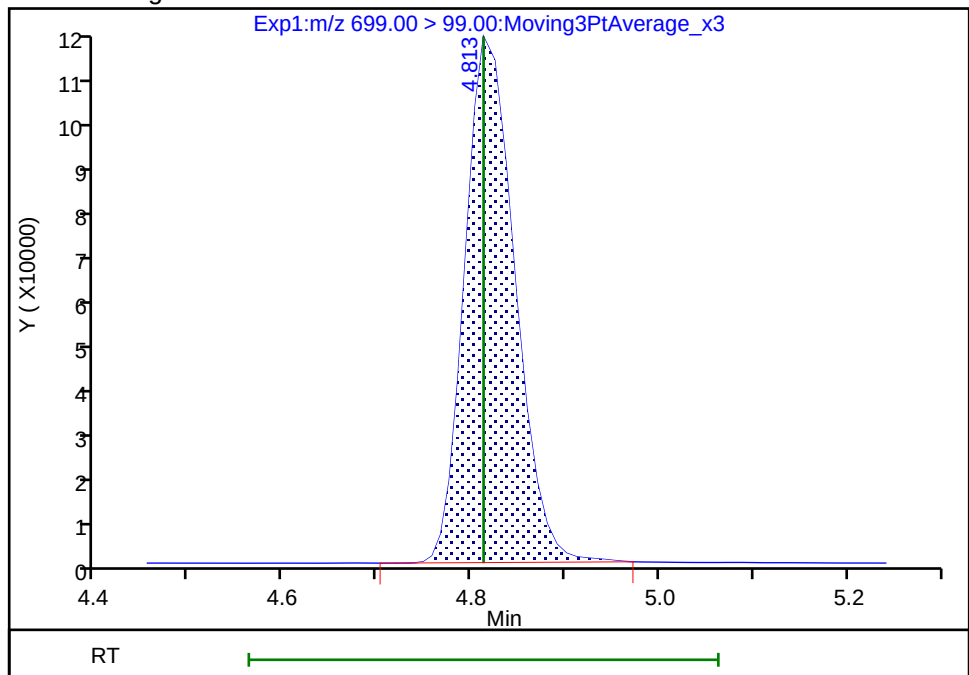
RT: 4.81
Area: 410445
Amount: 1.125293
Amount Units: ng/ml

Processing Integration Results



RT: 4.81
Area: 409515
Amount: 1.114640
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:41:26

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

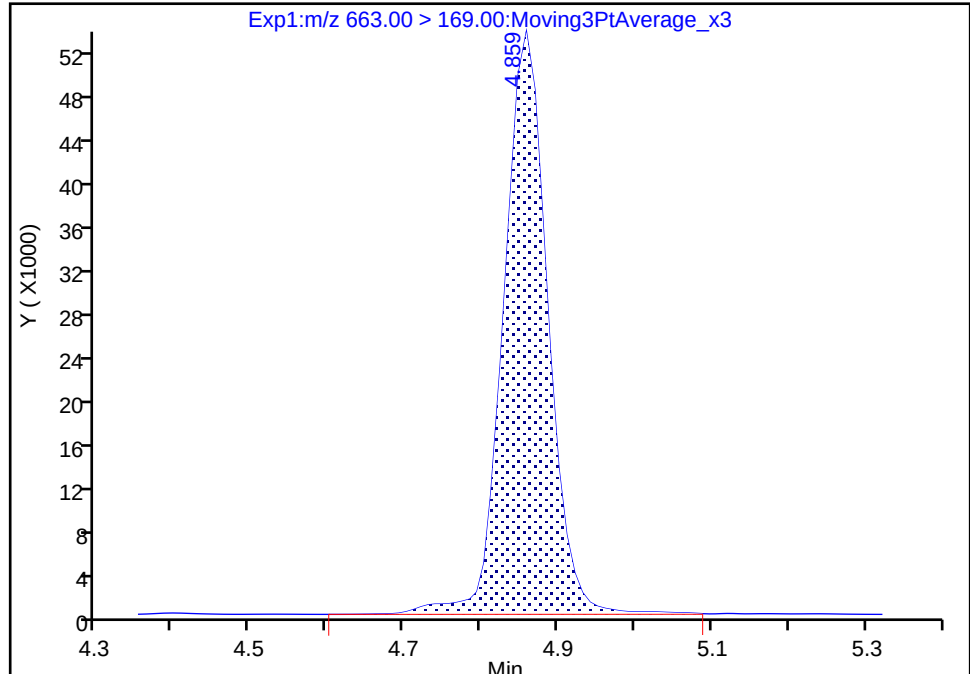
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

41 Perfluorotridecanoic acid, CAS: 72629-94-8

Signal: 2

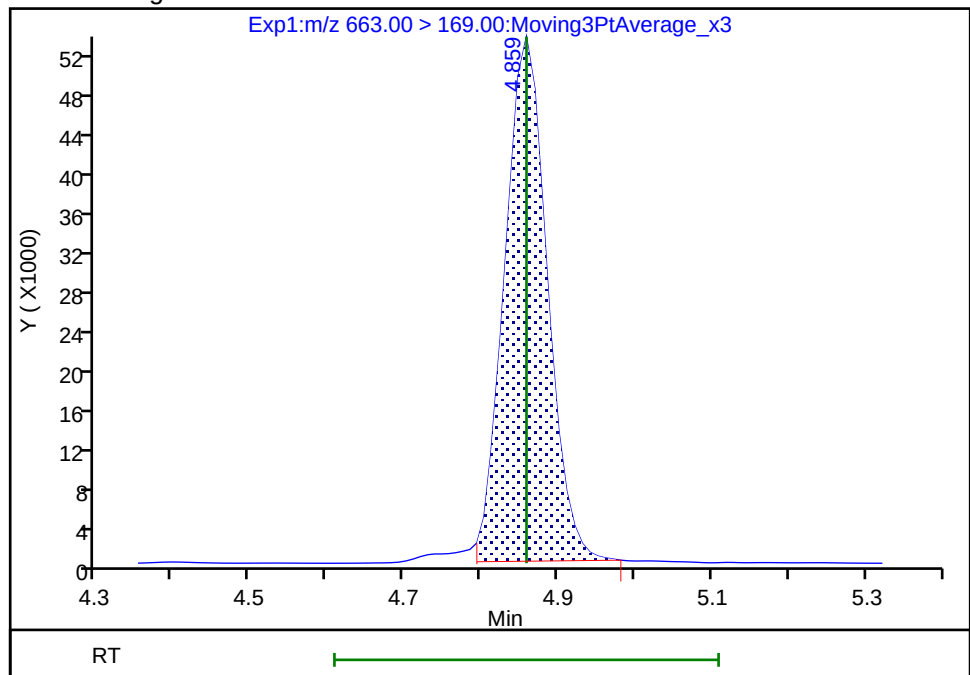
RT: 4.86
Area: 212622
Amount: 0.947628
Amount Units: ng/ml

Processing Integration Results



RT: 4.86
Area: 203457
Amount: 0.931144
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:41:40
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

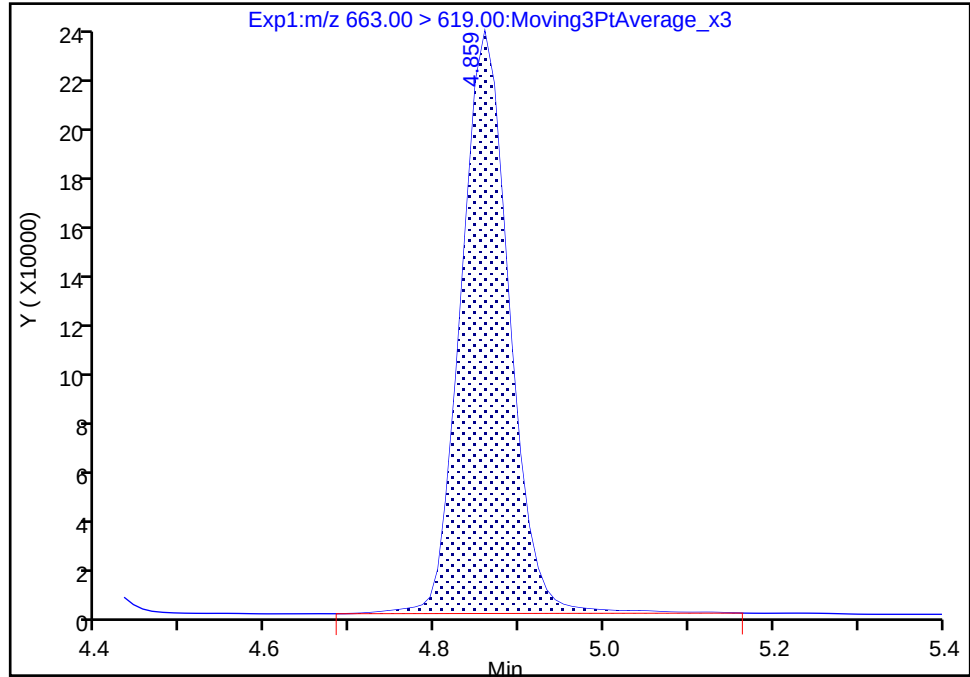
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

41 Perfluorotridecanoic acid, CAS: 72629-94-8

Signal: 1

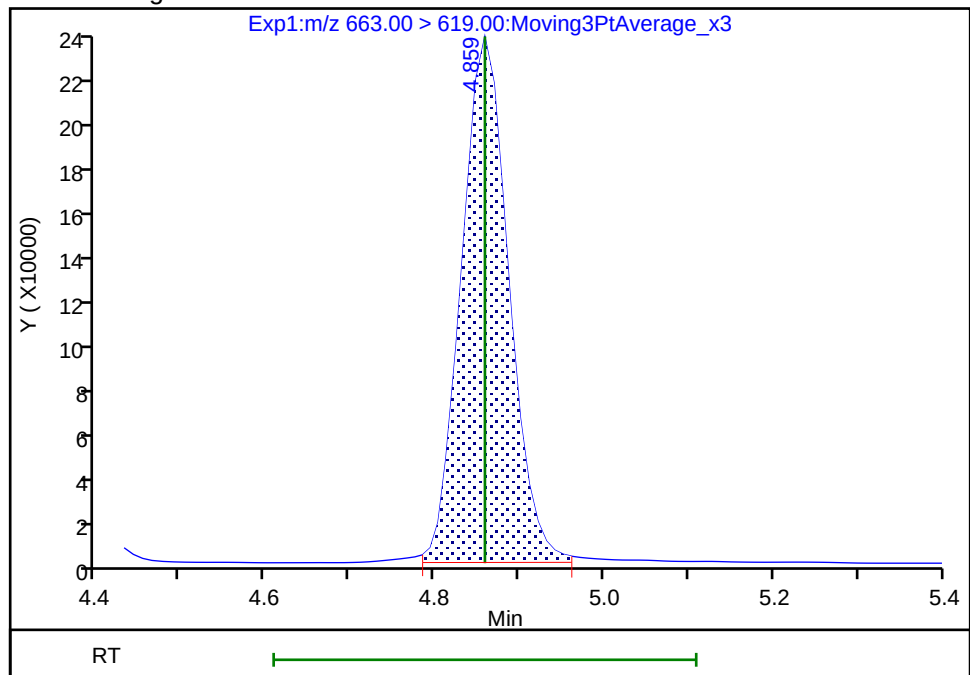
RT: 4.86
Area: 919791
Amount: 0.947628
Amount Units: ng/ml

Processing Integration Results



RT: 4.86
Area: 903791
Amount: 0.931144
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:41:47

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

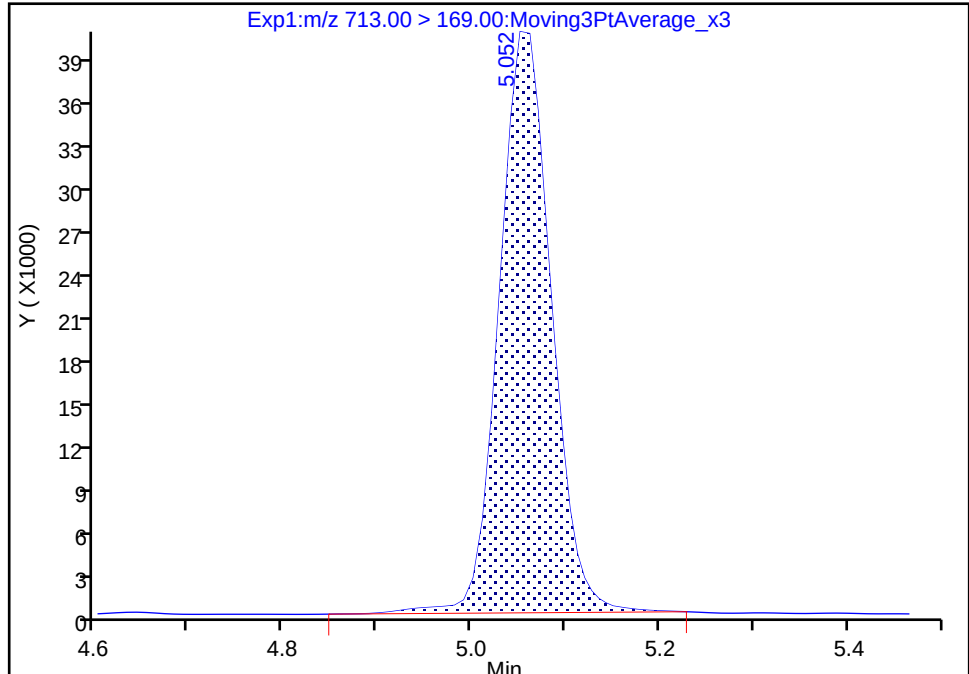
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

42 Perfluorotetradecanoic acid, CAS: 376-06-7

Signal: 1

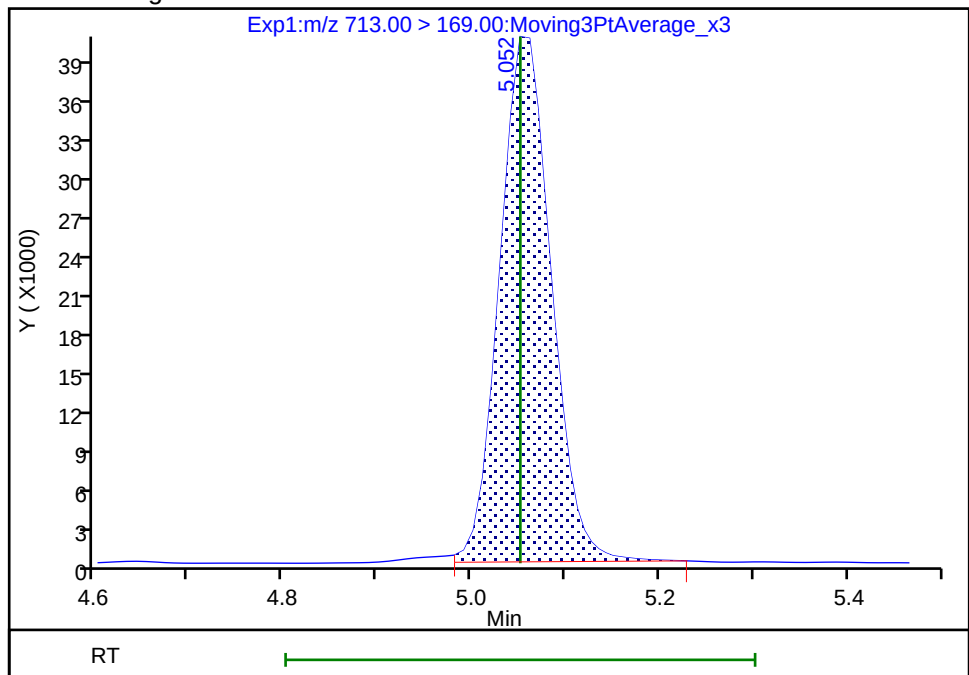
RT: 5.05
Area: 155260
Amount: 1.055073
Amount Units: ng/ml

Processing Integration Results



RT: 5.05
Area: 153673
Amount: 1.044289
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:41:54
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

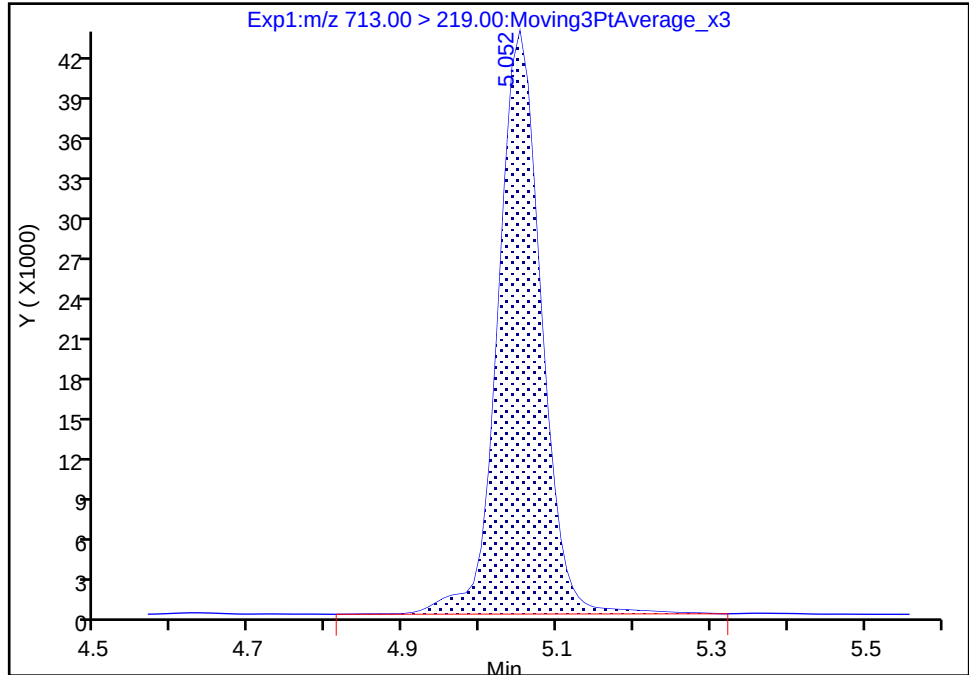
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

42 Perfluorotetradecanoic acid, CAS: 376-06-7

Signal: 2

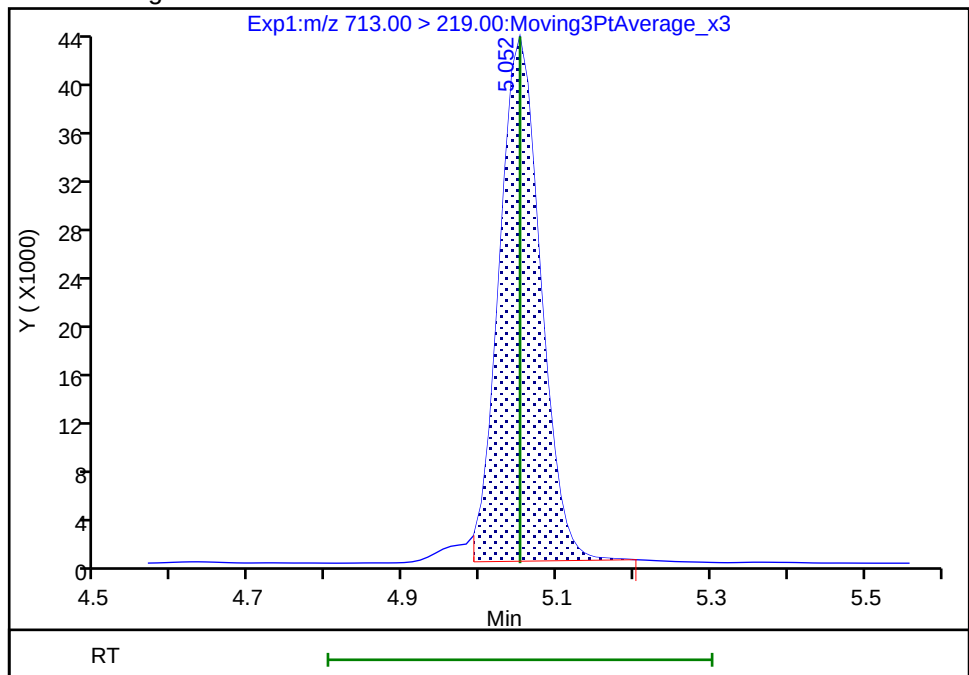
RT: 5.05
Area: 171531
Amount: 1.055073
Amount Units: ng/ml

Processing Integration Results



RT: 5.05
Area: 163334
Amount: 1.044289
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:42:01

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

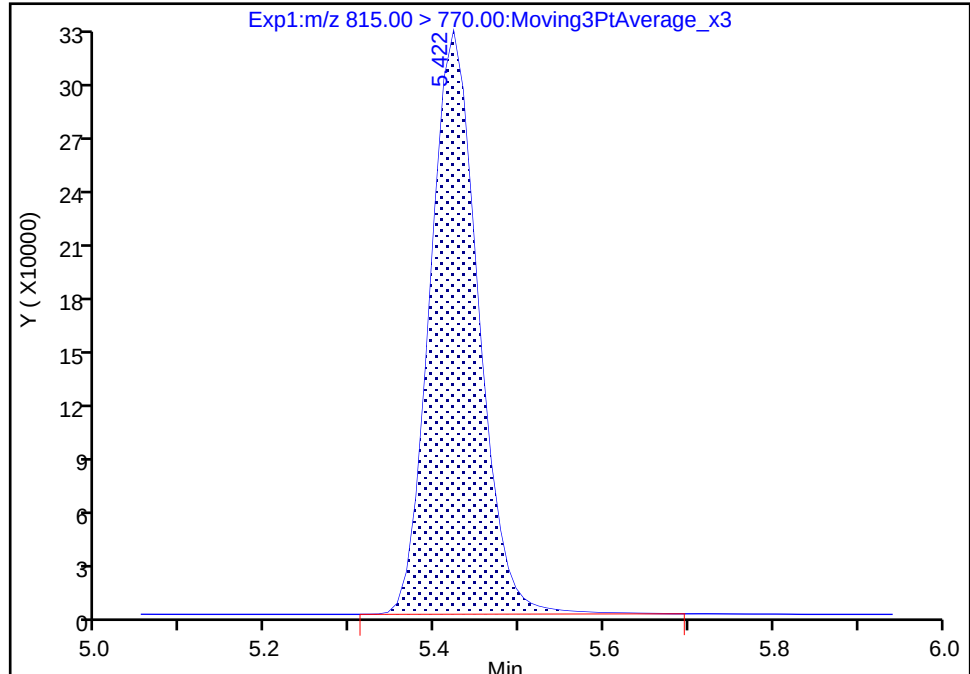
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 44 13C2 PFHxDA, CAS: STL02115

Signal: 1

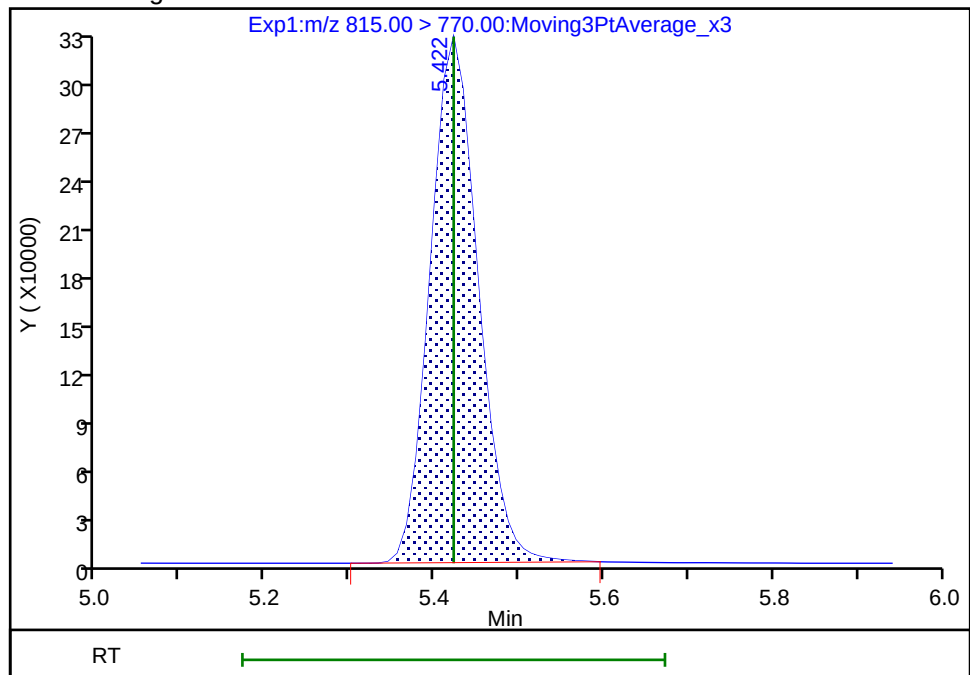
RT: 5.42
Area: 1297334
Amount: 0.822386
Amount Units: ng/ml

Processing Integration Results



RT: 5.42
Area: 1289531
Amount: 0.817440
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:42:07
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

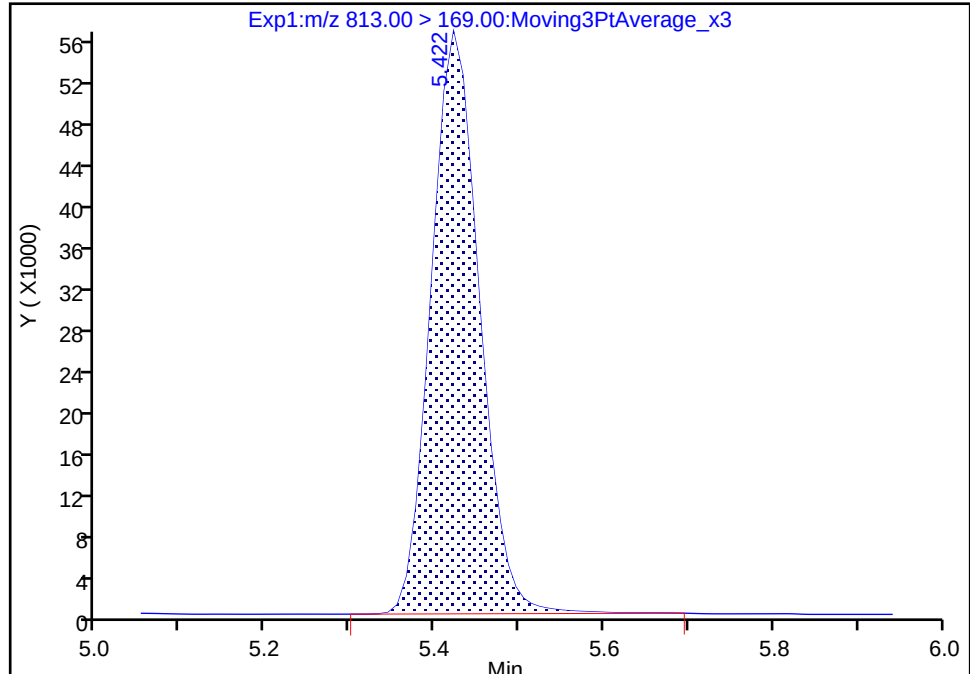
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

45 Perfluorohexadecanoic acid, CAS: 67905-19-5

Signal: 2

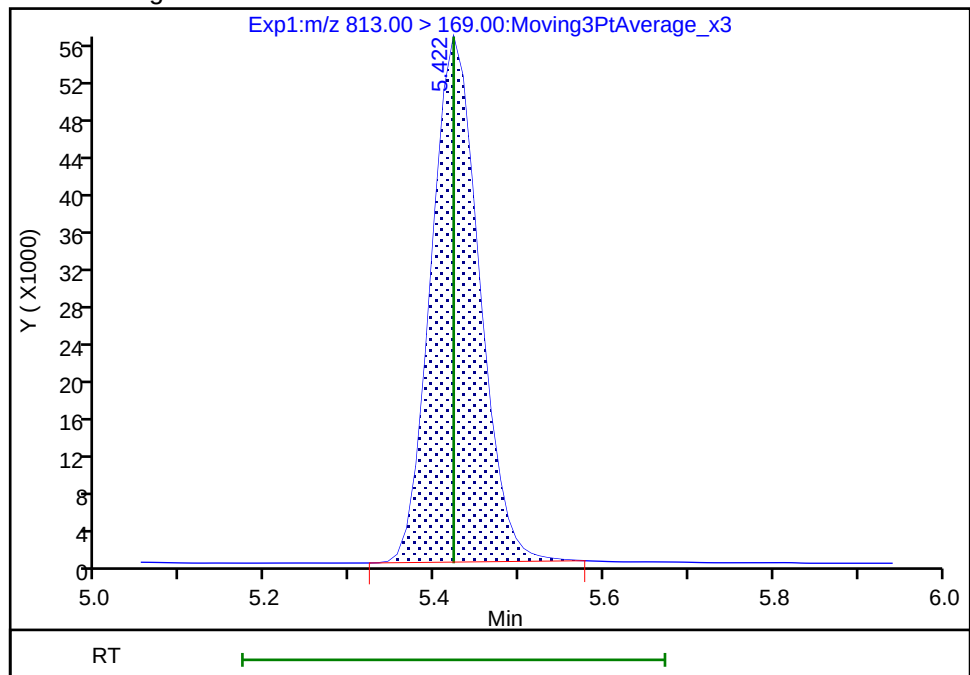
RT: 5.42
Area: 222984
Amount: 1.031346
Amount Units: ng/ml

Processing Integration Results



RT: 5.42
Area: 221132
Amount: 1.031346
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:42:12
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

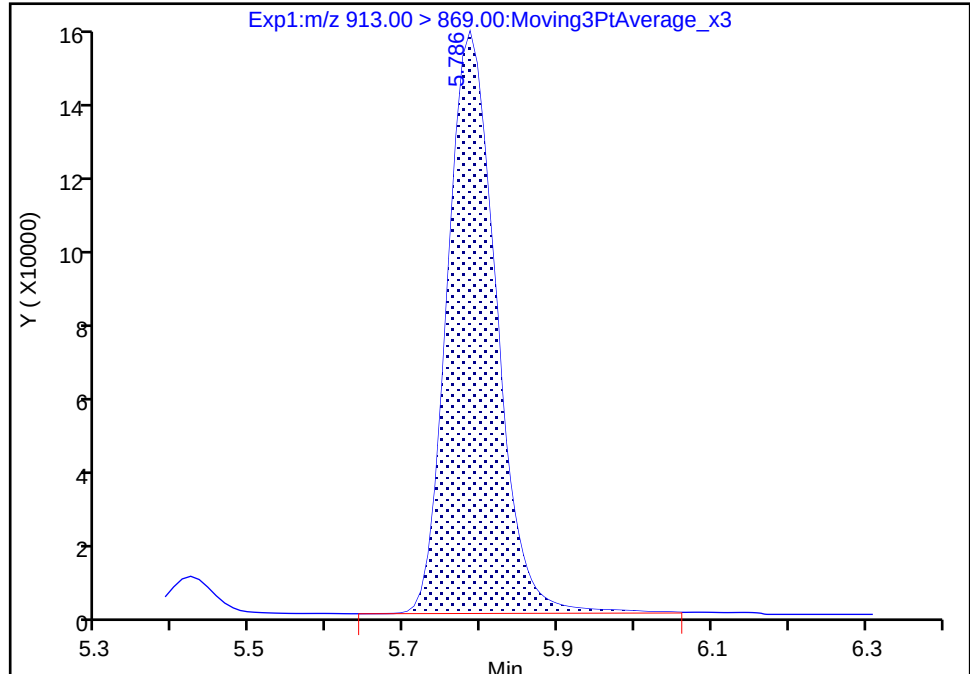
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL12.d
Injection Date: 03-Aug-2022 13:57:30 Instrument ID: LC812
Lims ID: ICV
Client ID:
Operator ID: lc812tech ALS Bottle#: 9 Worklist Smp#: 12
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

46 Perfluorooctadecanoic acid, CAS: 16517-11-6

Signal: 1

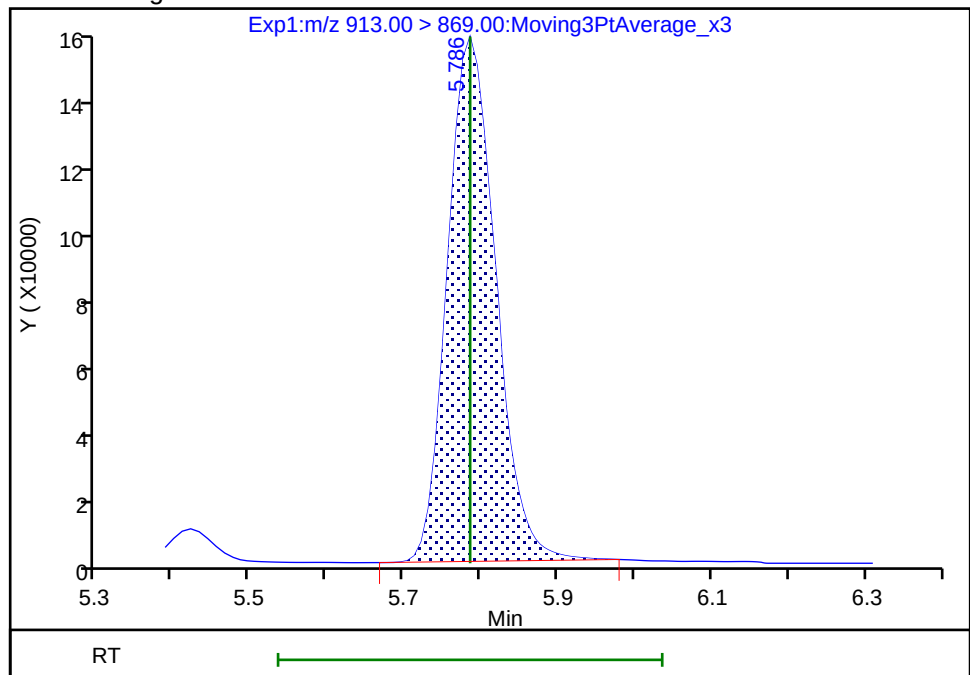
RT: 5.79
Area: 688253
Amount: 1.003393
Amount Units: ng/ml

Processing Integration Results



RT: 5.79
Area: 678664
Amount: 0.989413
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:42:18
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM VII
PFAS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 460-262853-1

SDG No.: _____

Lab Sample ID: CCVLIS 200-182364/5 Calibration Date: 08/04/2022 11:09

Instrument ID: LC812 Calib Start Date: 08/03/2022 13:00

GC Column: C-18 ID: 4.60 (mm) Calib End Date: 08/03/2022 13:41

Lab File ID: PA220804A05.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Perfluorobutanoic acid (PFBA)	AveID	0.9697	1.056		0.136	0.125	8.9	50.0
Perfluoropentanoic acid (PFPeA)	AveID	1.031	1.132		0.0549	0.0500	9.8	50.0
Perfluorobutanesulfonic acid (PFBS)	AveID	1.104	1.106		0.0443	0.0442	0.2	50.0
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	AveID	2.377	2.300		0.0452	0.0467	-3.2	50.0
Perfluorohexanoic acid (PFHxA)	AveID	1.043	1.082		0.0518	0.0500	3.7	50.0
Perfluoropentanesulfonic acid (PFPeS)	AveID	1.297	1.308		0.0473	0.0469	0.9	50.0
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	AveID	1.075	1.185		0.110	0.100	10.3	50.0
Perfluorohexanesulfonic acid (PFHxS)	AveID	1.103	1.240		0.0512	0.0455	12.4	50.0
Perfluoroheptanoic acid (PFHpA)	AveID	1.031	1.085		0.0526	0.0500	5.3	50.0
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	AveID	4.119	3.995		0.0457	0.0471	-3.0	50.0
6:2 FTS	L1ID		1.521		0.107	0.119	-9.8	50.0
Perfluoroheptanesulfonic acid (PFHpS)	AveID	1.236	1.215		0.0468	0.0476	-1.7	50.0
Perfluorooctanoic acid (PFOA)	AveID	1.121	1.101		0.0491	0.0500	-1.8	50.0
Perfluorooctanesulfonic acid (PFOS)	L1ID		1.213		0.0381	0.0464	-17.9	50.0
Perfluorononanoic acid (PFNA)	AveID	1.017	1.054		0.0518	0.0500	3.6	50.0
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O)	AveID	1.766	1.680		0.0443	0.0466	-4.9	50.0
Perfluorononanesulfonic acid (PFNS)	AveID	0.7830	0.7719		0.0473	0.0480	-1.4	50.0
Perfluorodecanoic acid (PFDA)	AveID	1.052	1.132		0.0538	0.0500	7.7	50.0
8:2 FTS	AveID	0.9657	0.999		0.0495	0.0479	3.4	50.0
Perfluorooctanesulfonamide (FOSA)	AveID	1.019	1.073		0.0526	0.0500	5.3	50.0
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	AveID	0.8881	0.8335		0.117	0.125	-6.2	50.0
Perfluorodecanesulfonic acid (PFDS)	AveID	0.5827	0.5511		0.0456	0.0482	-5.4	50.0
Perfluoroundecanoic acid (PFUnA)	AveID	1.059	1.110		0.0524	0.0500	4.7	50.0
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	AveID	0.9079	0.9409		0.130	0.125	3.6	50.0
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF)	AveID	2.299	2.315		0.0474	0.0471	0.7	50.0
Perfluorododecanoic acid (PFDoA)	AveID	1.014	1.020		0.0503	0.0500	0.6	50.0
1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS)	AveID	0.4511	0.4473		0.0478	0.0482	-0.8	50.0
Perfluorododecanesulfonic acid (PFDoS)	AveID	0.2587	0.2649		0.0496	0.0484	2.4	50.0

FORM VII
PFAS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 460-262853-1
 SDG No.: _____
 Lab Sample ID: CCVLIS 200-182364/5 Calibration Date: 08/04/2022 11:09
 Instrument ID: LC812 Calib Start Date: 08/03/2022 13:00
 GC Column: C-18 ID: 4.60 (mm) Calib End Date: 08/03/2022 13:41
 Lab File ID: PA220804A05.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Perfluorotridecanoic acid (PFTrIA)	AveID	0.8791	0.8369		0.0476	0.0500	-4.8	50.0
Perfluorotetradecanoic acid (PFTeA)	AveID	0.1602	0.1719		0.0537	0.0500	7.3	50.0
Perfluoro-n-hexadecanoic acid (PFHxDA)	L1ID		1.098		0.0406	0.0500	-18.7	50.0
Perfluoro-n-octadecanoic acid (PFODA)	AveID	0.6649	0.7385		0.0555	0.0500	11.1	50.0
13C4 PFBA	Ave	1.167	1.161		1.24	1.25	-0.5	
13C5 PFPeA	Ave	0.8976	0.8836		1.23	1.25	-1.6	
13C3 PFBS	Ave	1.039	1.051		1.18	1.16	1.2	
M2-4:2 FTS	Ave	0.0894	0.0962		1.26	1.17	7.6	
13C2 PFHxA	Ave	0.8962	0.9079		1.27	1.25	1.3	
13C3 HFPO-DA	Ave	0.1687	0.1608		1.19	1.25	-4.7	
18O2 PFHxS	Ave	0.7305	0.7261		1.18	1.18	-0.6	
13C4 PFHpA	Ave	0.9296	0.9042		1.22	1.25	-2.7	
M2-6:2 FTS	Ave	0.1223	0.1204		1.17	1.19	-1.6	
13C4 PFOA	Ave	0.9525	0.9590		1.26	1.25	0.7	
13C4 PFOS	Ave	0.5455	0.5443		1.19	1.20	-0.2	
13C5 PFNA	Ave	0.9889	0.996		1.26	1.25	0.8	
13C2 PFDA	Ave	0.9624	0.9160		1.19	1.25	-4.8	
M2-8:2 FTS	Ave	0.1471	0.1493		1.22	1.20	1.5	
13C8 FOSA	Ave	0.8423	0.8413		1.25	1.25	-0.1	
d3-NMeFOSAA	Ave	0.1290	0.1178		1.14	1.25	-8.7	
13C2 PFUnA	Ave	0.7292	0.7329		1.26	1.25	0.5	
d5-NEtFOSAA	Ave	0.1221	0.1070		1.10	1.25	-12.4	
13C2 PFDoA	Ave	0.7556	0.8065		1.33	1.25	6.7	
13C2 PFTeDA	Ave	0.6177	0.7030		1.42	1.25	13.8	
13C2 PFHxDA	Ave	0.7037	0.7265		1.29	1.25	3.2	

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A05.d
 Lims ID: CCVLIS
 Client ID:
 Sample Type: CCVLIS
 Inject. Date: 04-Aug-2022 11:09:18 ALS Bottle#: 2 Worklist Smp#: 5
 Injection Vol: 20.0 ul Dil. Factor: 1.0000
 Sample Info: CCVLIS
 Misc. Info.: 200-0051953-005 Plate: 1 Rack: 1
 Operator ID: lc812tech Instrument ID: LC812
 Sublist: chrom-PFC_LC812*sub3
 Method: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PFC_LC812.m
 Limit Group: LC_PFC_ICAL
 Last Update: 05-Aug-2022 11:53:13 Calib Date: 03-Aug-2022 13:41:11
 Integrator: Picker
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
 Column 1 : C-18 (4.60 mm) Det: EXP1
 Process Host: CTX1640

First Level Reviewer: Z1IP

Date: 04-Aug-2022 12:19:00

Ratio Calibration: Initial Calibration Level: 4

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	2.076	2.076	0.0	0.598	2012537	1.24		99.5	10720	
2 Perfluorobutanoic acid										M
212.90 > 169.00	2.085	2.085	0.0	1.004	212615	0.1362		109	30.1	M
D 3 13C5 PFPeA										
267.90 > 223.00	2.400	2.400	0.0	0.691	1531662	1.23		98.4	3256	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.400	2.400	0.0	1.000	69361	0.0549		110	3.2	
D 47 13C3 PFBS										
301.90 > 80.00	2.413	2.413	0.0	0.695	1694946	1.18		101	260024	
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.413	2.413	0.0	1.000	71280	0.0443	Target=2.23	100	88.6	
298.90 > 99.00	2.413	2.413	0.0	1.000	34515		2.07(1.11-3.34)		28.6	
D 60 M2-4:2 FTS										
329.00 > 81.00	2.713	2.713	0.0	0.781	155790	1.26		108	167	
61 1H,1H,2H,2H-perfluorohexanesulfo										
327.00 > 307.00	2.713	2.713	0.0	1.000	14331	0.0452		96.8	231	
6 Perfluorohexanoic acid										M
313.00 > 269.00	2.750	2.750	0.0	1.000	68115	0.0518	Target=12.24	104	17.0	M
313.00 > 119.00	2.750	2.750	0.0	1.000	5272		12.92(6.12-18.36)		7.5	M
D 7 13C2 PFHxA										
315.00 > 270.00	2.750	2.750	0.0	0.792	1573761	1.27		101	3674	
70 Perfluoropentanesulfonic acid										M
349.00 > 80.00	2.750	2.750	0.0	0.884	61770	0.0473	Target=2.95	101	52.5	
349.00 > 99.00	2.750	2.750	0.0	0.884	19557		3.16(1.48-4.43)		38.5	M
D 64 13C3 HFPO-DA										
287.00 > 169.00	2.859	2.859	0.0	0.823	278746	1.19		95.3	1686	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
67 Perfluoro(2-propoxypropanoic) ac										
285.00 > 169.00	2.859	2.859	0.0	1.000	26427	0.1103		110	575	
D 11 18O2 PFHxS										
403.00 > 84.00	3.110	3.110	0.0	0.895	1190642	1.18		99.4	2899	
8 Perfluorohexanesulfonic acid										M
399.00 > 80.00	3.110	3.110	0.0	1.000	56804	0.0512	Target=3.43	112	108	M
399.00 > 99.00	3.110	3.110	0.0	1.000	15711		3.62(1.72-5.15)		21.2	M
D 9 13C4 PFHpA										
367.00 > 322.00	3.121	3.121	0.0	0.898	1567320	1.22		97.3	2367	
10 Perfluoroheptanoic acid										M
363.00 > 319.00	3.121	3.121	0.0	1.000	68034	0.0526	Target=3.73	105	22.3	M
363.00 > 169.00	3.121	3.121	0.0	1.000	16695		4.08(1.86-5.59)		39.7	M
77 DONA										M
377.00 > 251.00	3.154	3.154	0.0	0.832	142024	0.0457	Target=2.84	97.0	333	
377.00 > 85.00	3.154	3.154	0.0	0.832	53492		2.66(1.42-4.26)		95.4	M
D 12 M2-6:2 FTS										M
429.00 > 81.00	3.465	3.465	0.0	0.997	198186	1.17		98.4	378	M
13 1H,1H,2H,2H-perfluorooctanesulfo										
427.00 > 407.00	3.465	3.465	0.0	1.000	30084	0.1069		90.2	109	
16 Perfluoroheptanesulfonic acid										
449.00 > 80.00	3.465	3.465	0.0	0.914	43641	0.0468	Target=4.89	98.3	161	
449.00 > 99.00	3.465	3.465	0.0	0.914	8885		4.91(2.44-7.33)		46.4	
15 Perfluorooctanoic acid										M
413.00 > 369.00	3.474	3.474	0.0	1.000	73232	0.0491	Target=2.67	98.2	9.8	
413.00 > 169.00	3.474	3.474	0.0	1.000	28444		2.57(1.34-4.01)		71.1	M
D 14 13C4 PFOA										
417.00 > 372.00	3.474	3.474	0.0	1.000	1662276	1.26		101	3149	
* 62 13C2 PFOA										
415.00 > 370.00	3.474	3.474	0.0		1733343	1.25			2556	
17 Perfluorooctanesulfonic acid										M
499.00 > 80.00	3.792	3.792	0.0	1.000	42464	0.0381	Target=4.88	82.1	26.8	M
499.00 > 99.00	3.792	3.792	0.0	1.000	8025		5.29(2.44-7.32)		46.1	M
D 18 13C4 PFOS										
503.00 > 80.00	3.792	3.792	0.0	1.092	901934	1.19		99.8	3402	
20 Perfluorononanoic acid										M
463.00 > 419.00	3.812	3.812	0.0	1.000	72840	0.0518	Target=8.23	104	26.0	
463.00 > 169.00	3.812	3.812	0.0	1.000	9212		7.91(4.11-12.34)		82.5	M
D 19 13C5 PFNA										
468.00 > 423.00	3.812	3.812	0.0	1.097	1727276	1.26		101	3132	
69 9-Chlorohexadecafluoro-3-oxanona										
531.00 > 351.00	3.960	3.960	0.0	1.044	59077	0.0443		95.1	432	
68 Perfluorononanesulfonic acid										M
549.00 > 80.00	4.093	4.093	0.0	1.079	27963	0.0473	Target=2.53	98.6	327	
549.00 > 99.00	4.081	4.093	-0.012	1.076	10555		2.65(1.26-3.79)		54.1	M
24 Perfluorodecanoic acid										M
513.00 > 469.00	4.116	4.116	0.0	1.000	71915	0.0538	Target=9.67	108	49.3	
513.00 > 169.00	4.127	4.116	0.011	1.003	6407		11.22(4.83-14.50)		36.1	M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 23 13C2 PFDA										
515.00 > 470.00	4.116	4.116	0.0	1.185	1587721	1.19		95.2	2868	
25 1H,1H,2H,2H-perfluorodecanesulfo										
527.00 > 507.00	4.127	4.127	0.0	1.000	9902	0.0495		103	188	
D 26 M2-8:2 FTS										
529.00 > 81.00	4.127	4.127	0.0	1.188	247921	1.22		101	845	
D 21 13C8 FOSA										
506.00 > 78.00	4.161	4.161	0.0	1.198	1458263	1.25		99.9	2681	
22 Perfluorooctanesulfonamide										
498.00 > 78.00	4.161	4.161	0.0	1.000	62588	0.0526		105	292	
28 N-methylperfluorooctanesulfonami										
570.00 > 419.00	4.261	4.261	0.0	1.000	17013	0.1173		93.8	35.0	M
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.261	4.261	0.0	1.227	204126	1.14		91.3	1216	
29 Perfluorodecanesulfonic acid										
599.00 > 80.00	4.365	4.365	0.0	1.151	20047	0.0456	Target=2.80	94.6	253	
599.00 > 99.00	4.365	4.365	0.0	1.151	7887		2.54(1.40-4.20)		79.9	
D 30 13C2 PFUnA										
565.00 > 520.00	4.387	4.387	0.0	1.263	1270390	1.26		101	3695	
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.387	4.387	0.0	1.000	56382	0.0524	Target=9.07	105	55.4	M
563.00 > 169.00	4.387	4.387	0.0	1.000	6767		8.33(4.54-13.61)		98.0	M
33 N-ethylperfluorooctanesulfonamid										
584.00 > 419.00	4.399	4.399	0.0	1.000	17445	0.1295		104	139	M
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.399	4.399	0.0	1.266	185405	1.10		87.6	851	
66 11-Chloroeicosafuoro-3-oxaundec										
631.00 > 451.00	4.491	4.491	0.0	1.184	82302	0.0474		101	440	M
D 36 13C2 PFDaA										
615.00 > 570.00	4.633	4.633	0.0	1.334	1397886	1.33		107	2570	
37 Perfluorododecanoic acid										
613.00 > 569.00	4.633	4.633	0.0	1.000	57038	0.0503	Target=6.97	101	10.1	M
613.00 > 169.00	4.633	4.633	0.0	1.000	8576		6.65(3.48-10.45)		104	M
74 1H,1H,2H,2H-perfluorododecanesul										
627.00 > 607.00	4.654	4.654	0.0	1.128	4464	0.0478		99.2	84.4	M
75 Perfluorododecanesulfonic acid (										
699.00 > 80.00	4.813	4.813	0.0	1.269	9677	0.0496	Target=0.52	102	138	
699.00 > 99.00	4.813	4.813	0.0	1.269	17886		0.54(0.26-0.79)		298	
41 Perfluorotridecanoic acid										
663.00 > 619.00	4.859	4.859	0.0	1.049	46798	0.0476	Target=4.56	95.2	9.2	
663.00 > 169.00	4.848	4.859	-0.011	1.046	10639		4.40(2.28-6.84)		103	
D 43 13C2 PFTeDA										
715.00 > 670.00	5.052	5.052	0.0	1.454	1218496	1.42		114	4561	
42 Perfluorotetradecanoic acid										
713.00 > 169.00	5.052	5.052	0.0	1.000	8379	0.0537	Target=0.94	107	184	M
713.00 > 219.00	5.052	5.052	0.0	1.000	8655		0.97(0.47-1.41)		125	M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.422	5.422	0.0	1.000	55295	0.0406	Target=4.38	81.3	15.9	
813.00 > 169.00	5.422	5.422	0.0	1.000	13464		4.11(2.19-6.57)		202	
D 44 13C2 PFHxDA										
815.00 > 770.00	5.422	5.422	0.0	1.561	1259191	1.29		103	7121	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.795	5.795	0.0	1.069	37199	0.0555	Target=4.31	111	12.9	
913.00 > 169.00	5.795	5.795	0.0	1.069	7477		4.98(2.16-6.47)		114	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

PFAS32NCLOQV_00022

Amount Added: 100.00

Units: uL

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A05.d

Injection Date: 04-Aug-2022 11:09:18

Instrument ID: LC812

Lims ID: CCVLIS

Client ID:

Operator ID: lc812tech

ALS Bottle#: 2

Worklist Smp#: 5

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

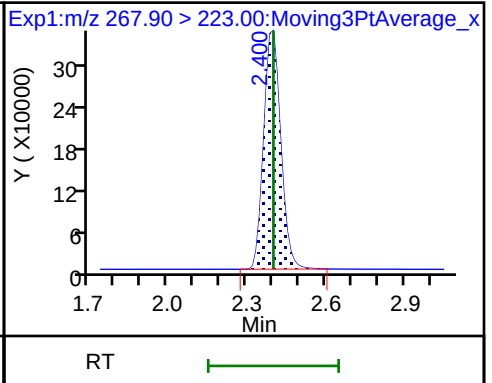
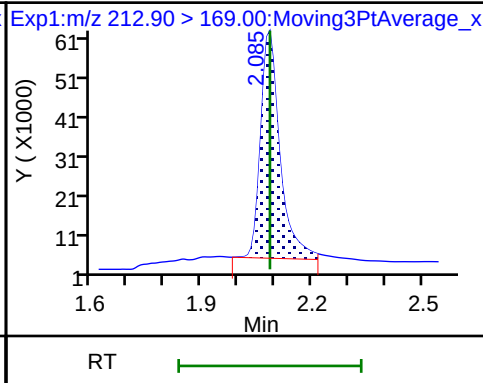
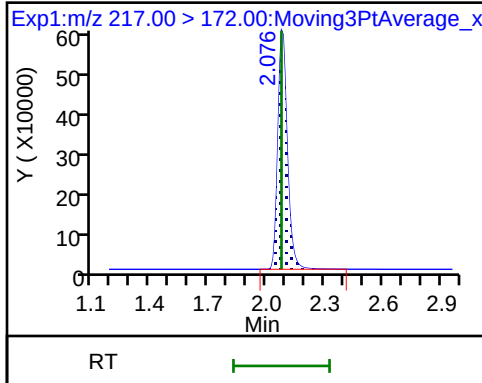
Method: PFC_LC812

Limit Group: LC_PFC_ICAL

D 1 13C4 PFBA

2 Perfluorobutanoic acid (M)

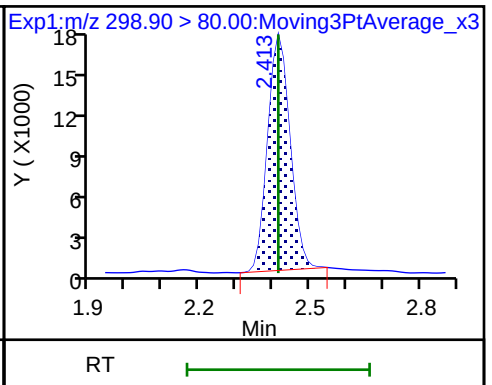
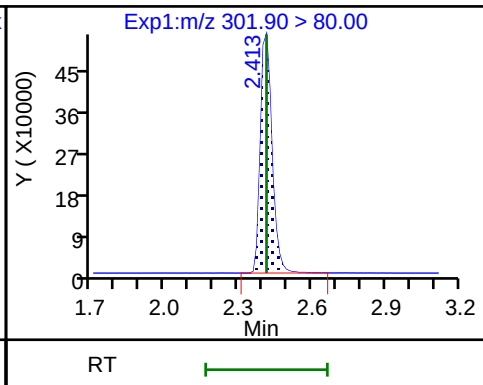
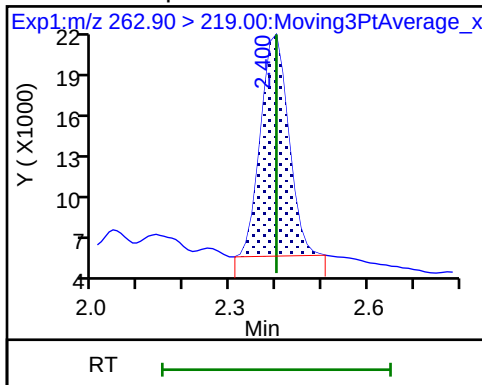
D 3 13C5 PFPeA



4 Perfluoropentanoic acid

D 47 13C3 PFBS

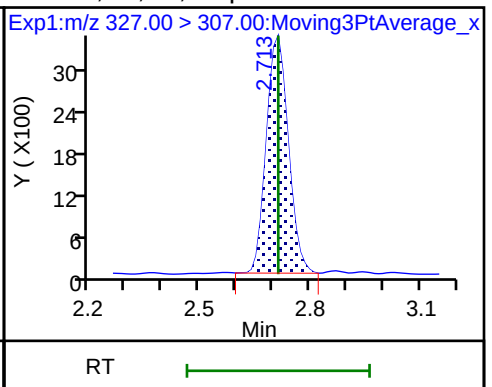
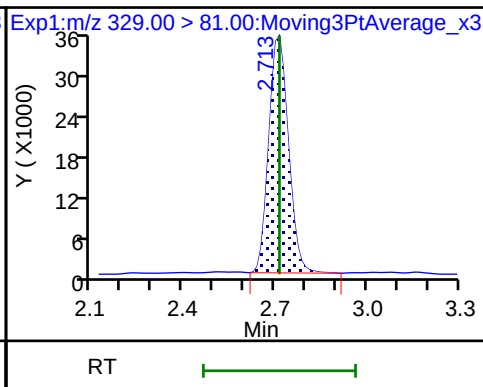
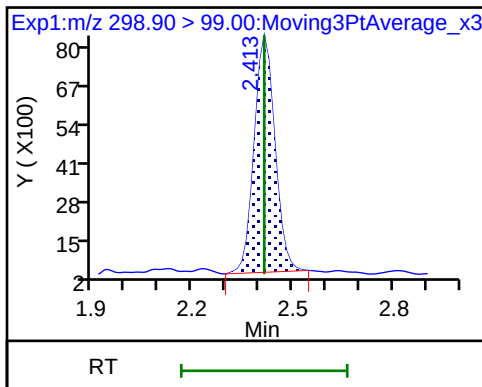
5 Perfluorobutanesulfonic acid



5 Perfluorobutanesulfonic acid

D 60 M2-4:2 FTS

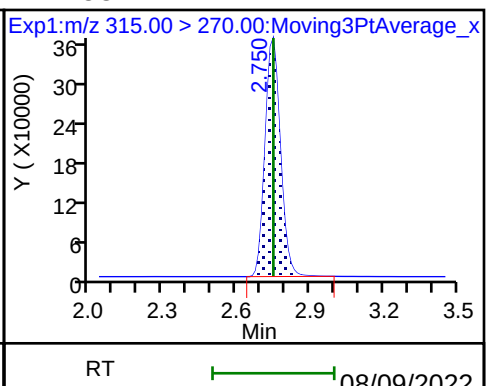
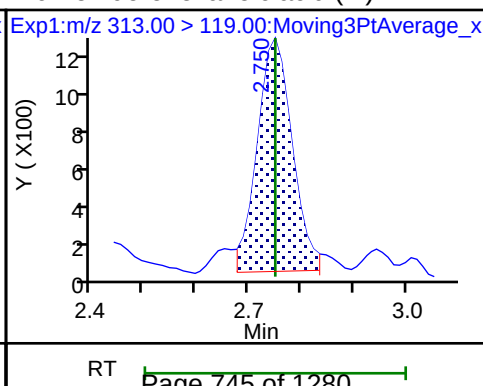
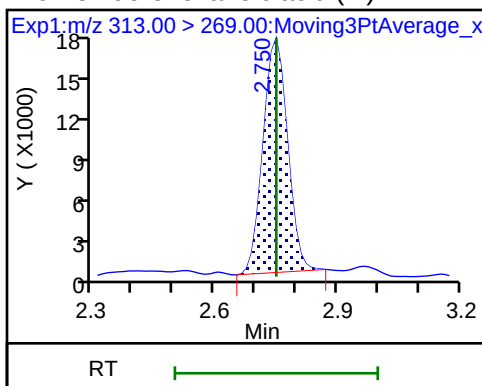
61 1H,1H,2H,2H-perfluorohexanesulfo



6 Perfluorohexanoic acid (M)

6 Perfluorohexanoic acid (M)

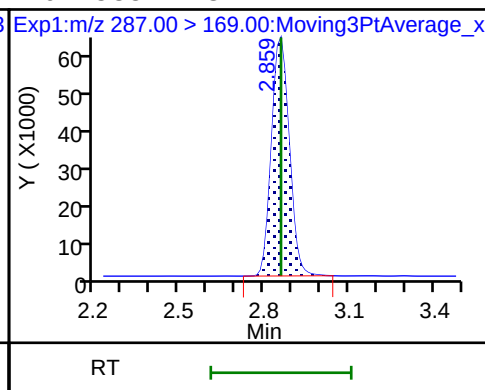
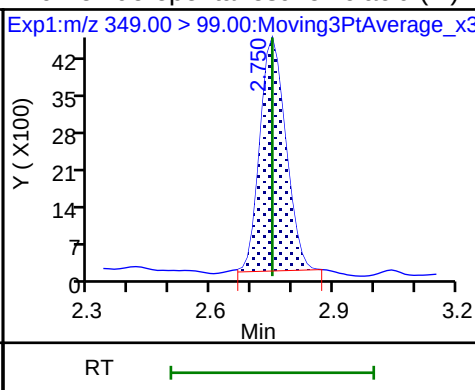
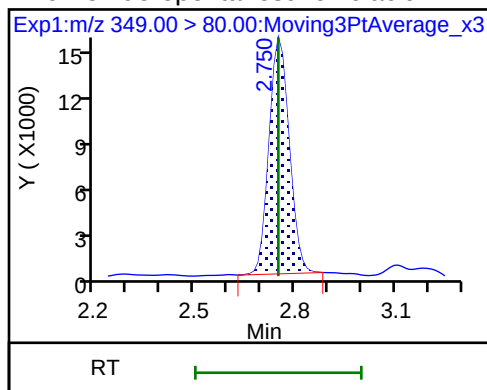
D 7 13C2 PFHxA



70 Perfluoropentanesulfonic acid

70 Perfluoropentanesulfonic acid (M)

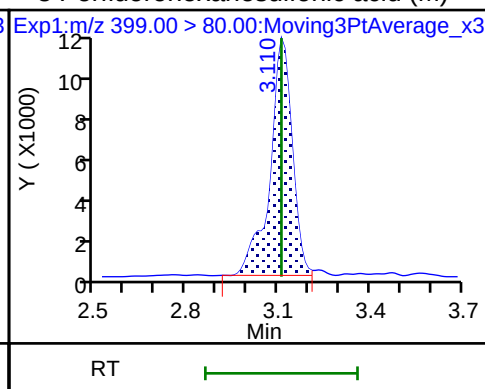
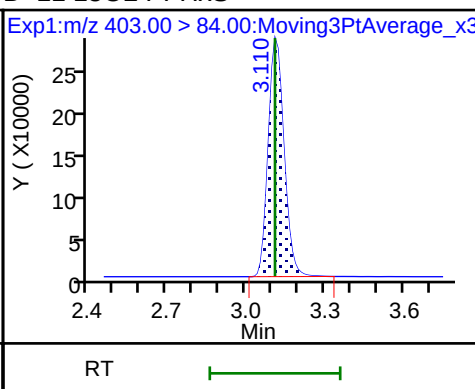
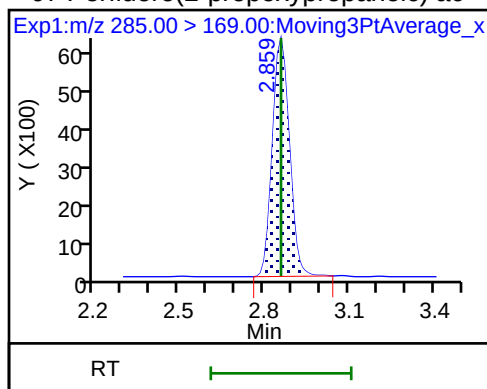
D 64 13C3 HFPO-DA



67 Perfluoro(2-propoxypropanoic) ac

D 11 18O2 PFHxS

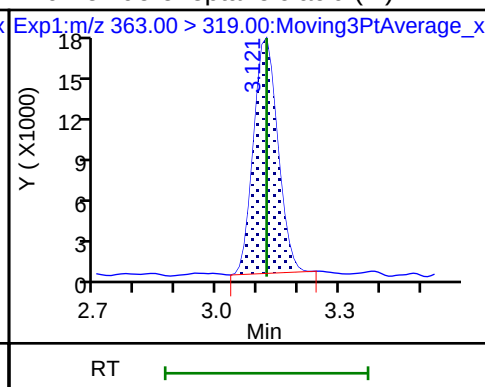
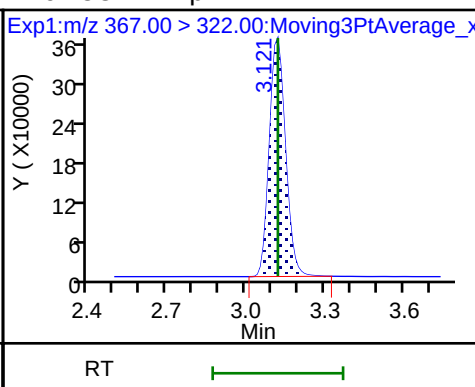
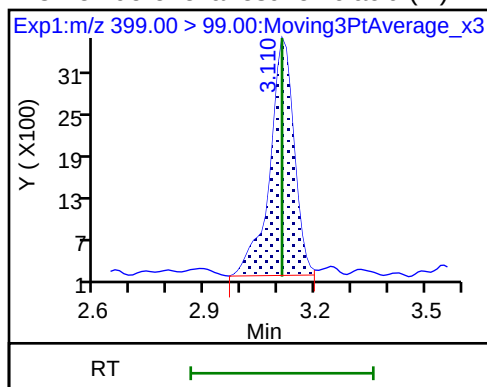
8 Perfluorohexanesulfonic acid (M)



8 Perfluorohexanesulfonic acid (M)

D 9 13C4 PFHpA

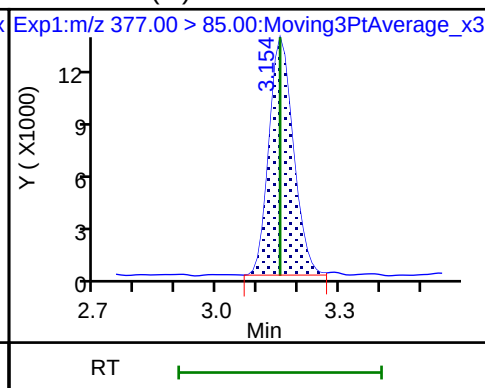
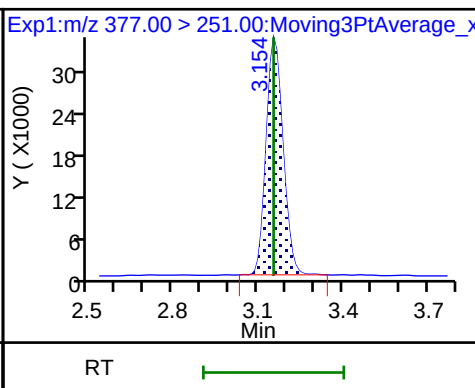
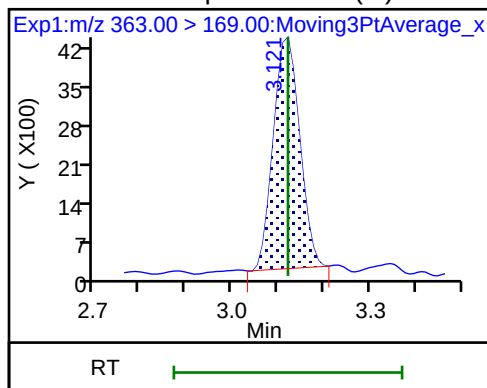
10 Perfluoroheptanoic acid (M)



10 Perfluoroheptanoic acid (M)

77 DONA

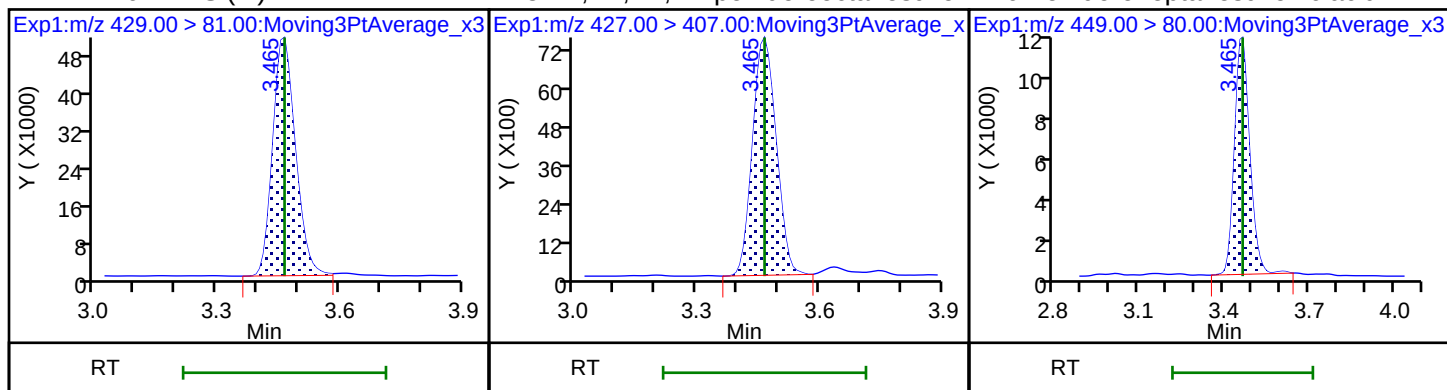
77 DONA (M)



D 12 M2-6:2 FTS (M)

13 1H,1H,2H,2H-perfluorooctanesulfo

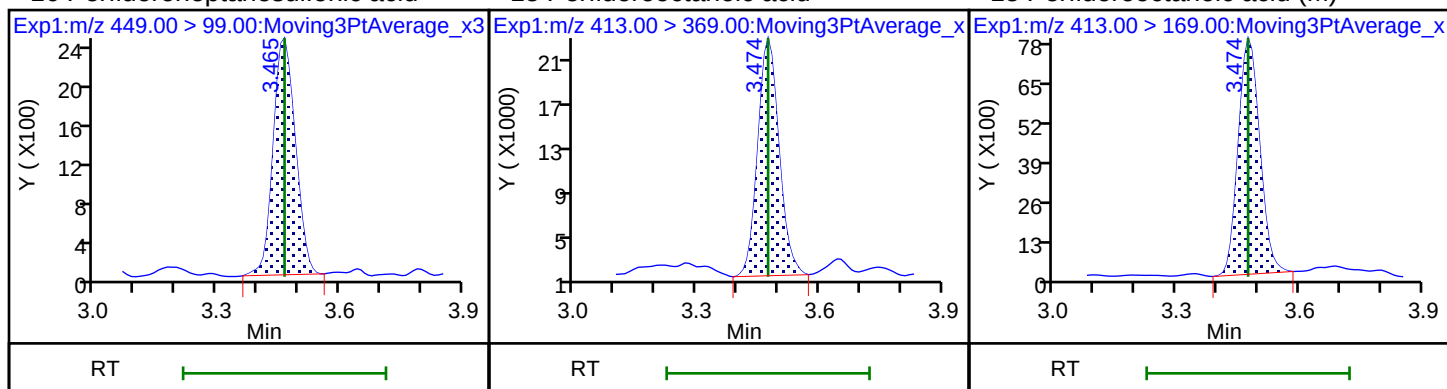
16 Perfluoroheptanesulfonic acid



16 Perfluoroheptanesulfonic acid

15 Perfluorooctanoic acid

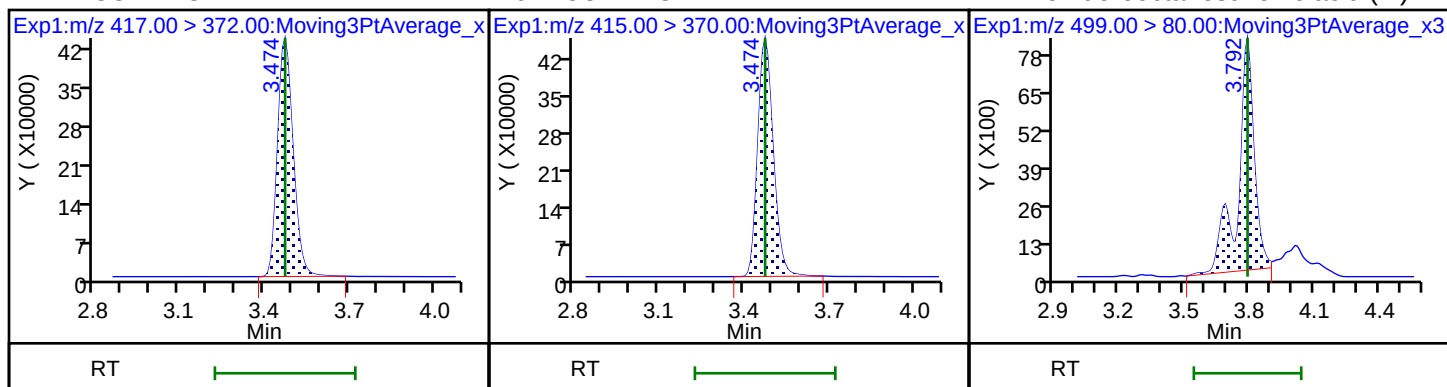
15 Perfluorooctanoic acid (M)



D 14 13C4 PFOA

* 62 13C2 PFOA

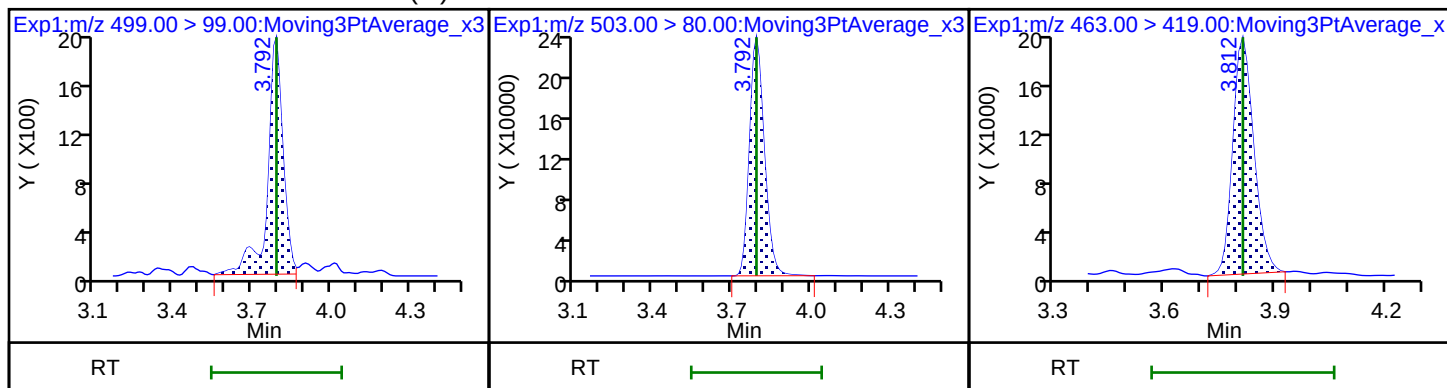
17 Perfluorooctanesulfonic acid (M)

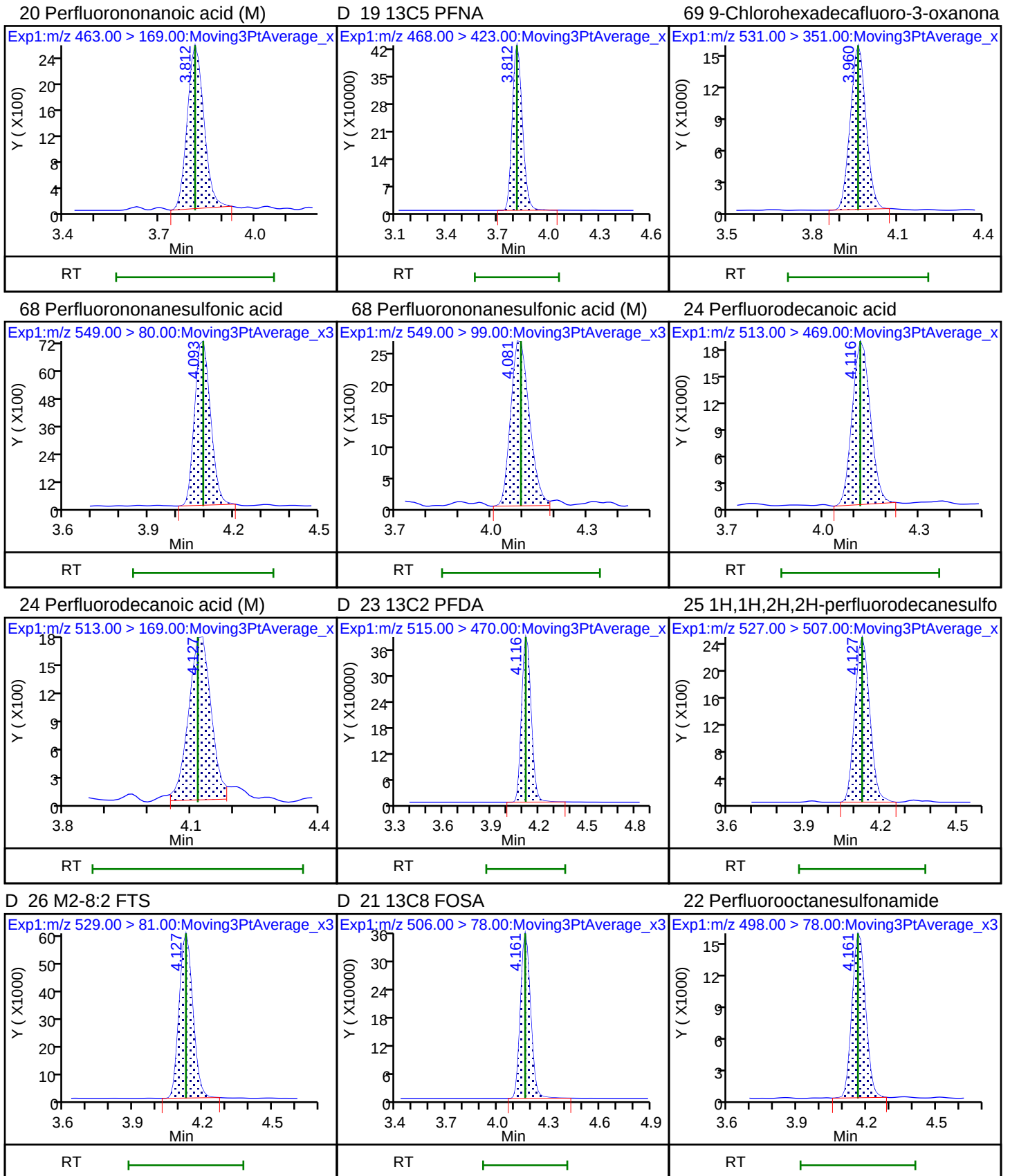


17 Perfluorooctanesulfonic acid (M)

D 18 13C4 PFOS

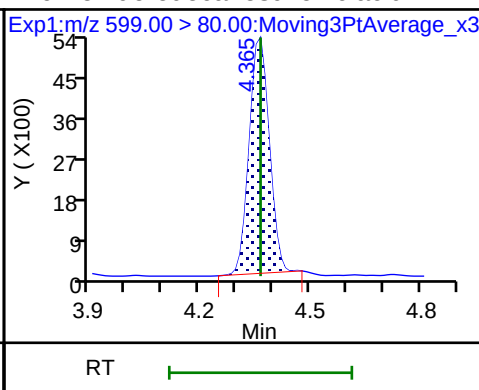
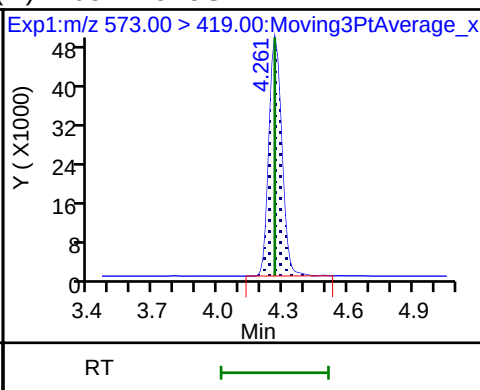
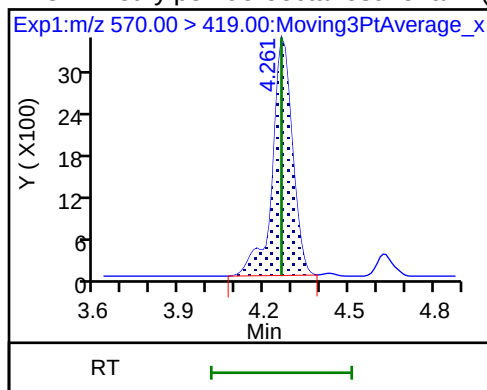
20 Perfluorononanoic acid





28 N-methylperfluorooctanesulfonami (M) 27 d3-NMeFOSAA

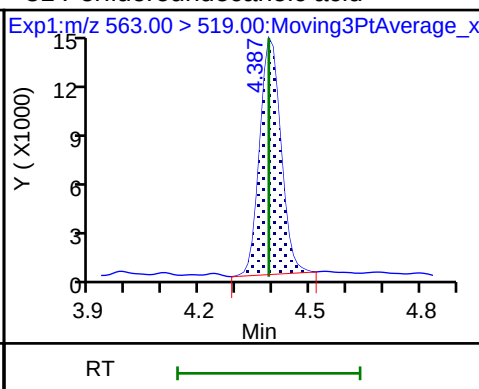
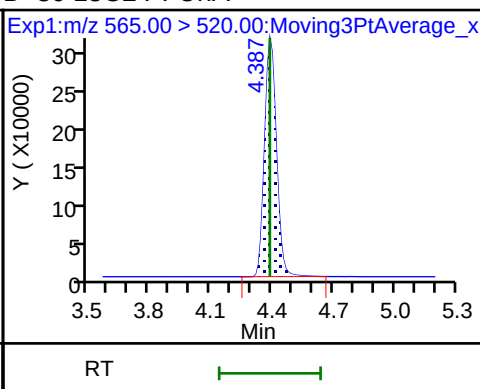
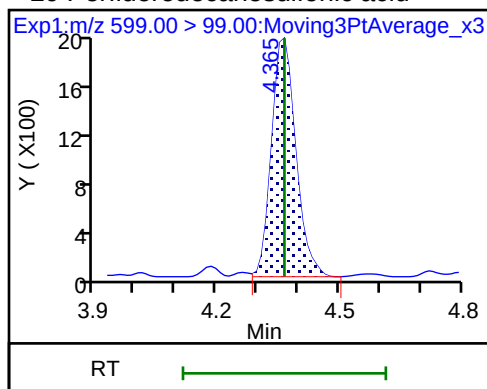
29 Perfluorodecanesulfonic acid



29 Perfluorodecanesulfonic acid

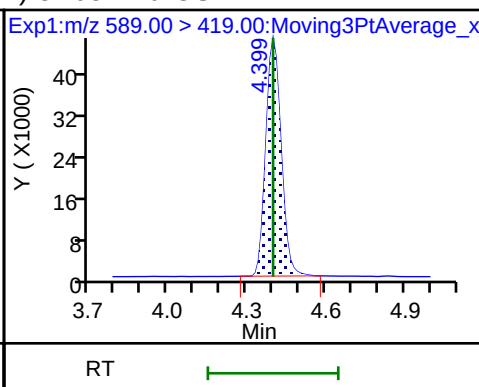
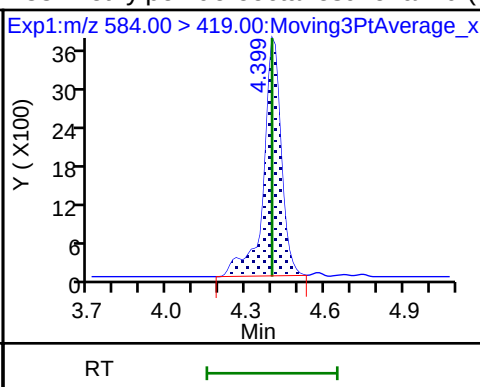
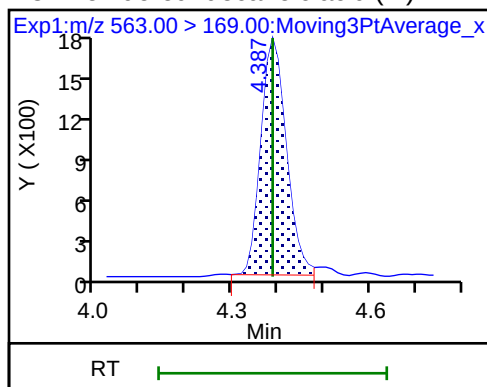
D 30 13C2 PFUnA

31 Perfluoroundecanoic acid



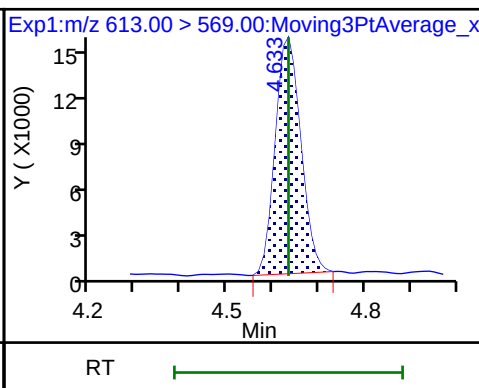
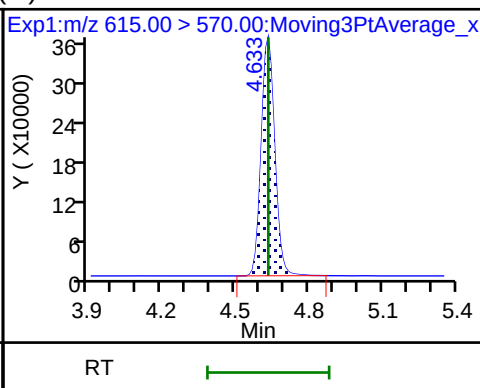
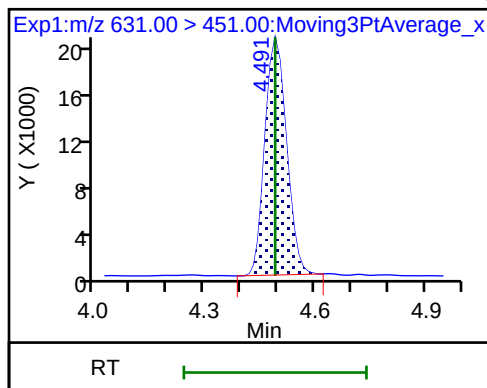
31 Perfluoroundecanoic acid (M)

33 N-ethylperfluorooctanesulfonamid (M) 32 d5-NEtFOSAA

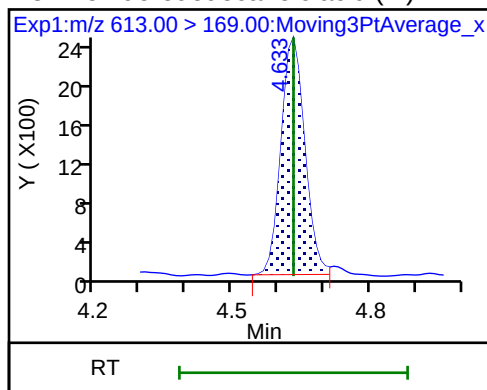


66 11-Chloroeicosafluoro-3-oxaundec (M) 36 13C2 PFDaA

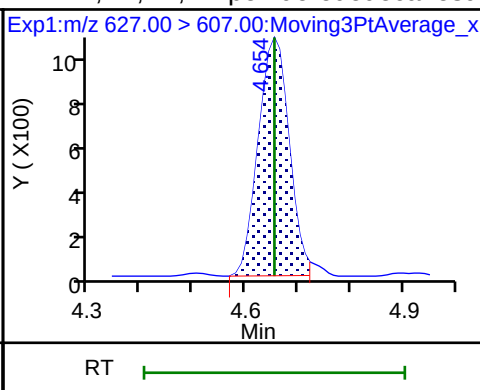
37 Perfluorododecanoic acid



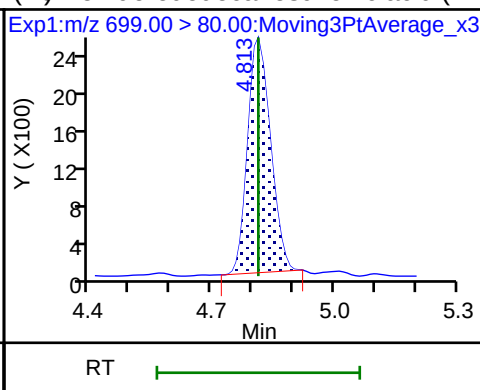
37 Perfluorododecanoic acid (M)



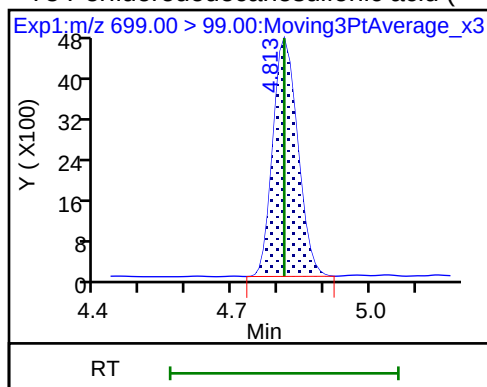
74 1H,1H,2H,2H-perfluorododecanesul (M)



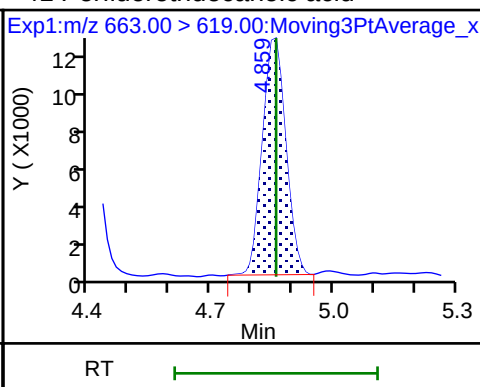
75 Perfluorododecanesulfonic acid (M)



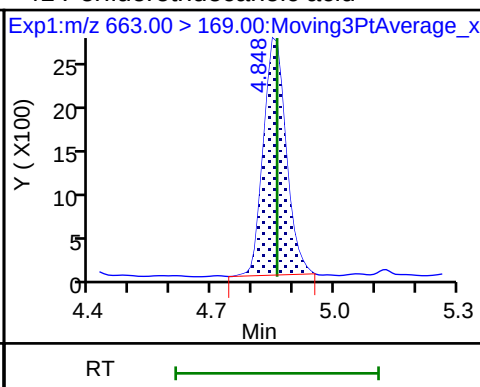
75 Perfluorododecanesulfonic acid (M)



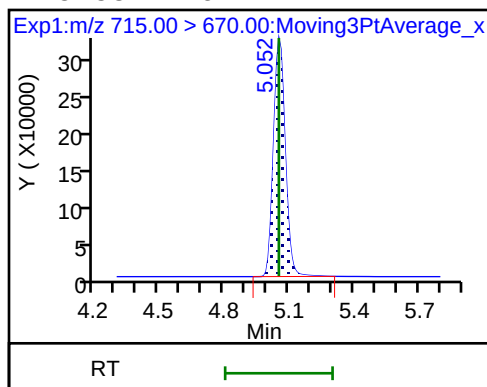
41 Perfluorotridecanoic acid



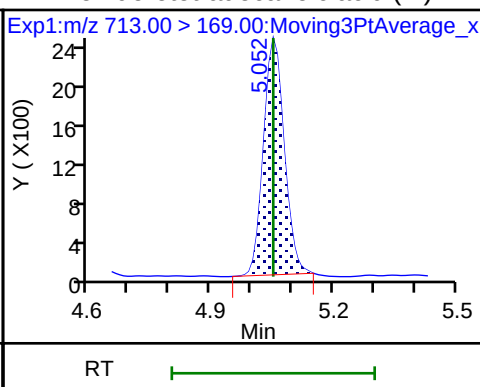
41 Perfluorotridecanoic acid



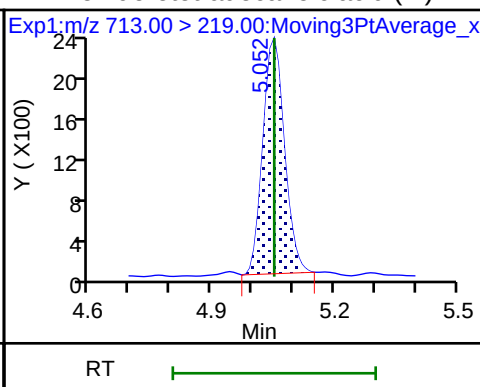
D 43 13C2 PFTeDA



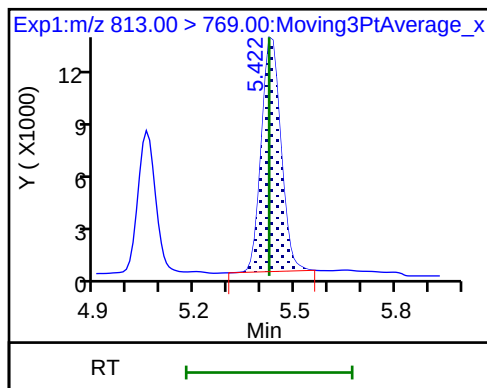
42 Perfluorotetradecanoic acid (M)



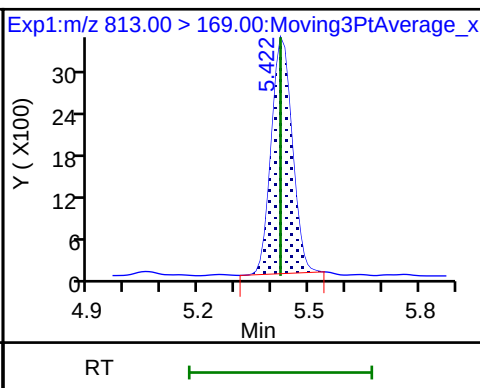
42 Perfluorotetradecanoic acid (M)



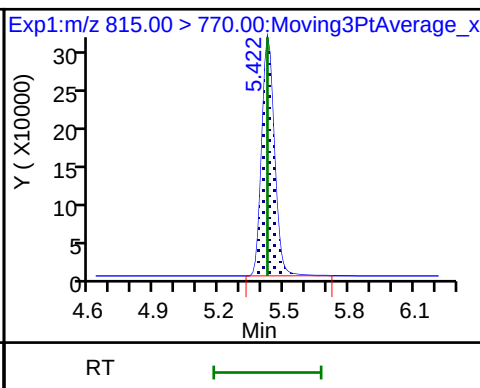
45 Perfluorohexadecanoic acid



45 Perfluorohexadecanoic acid

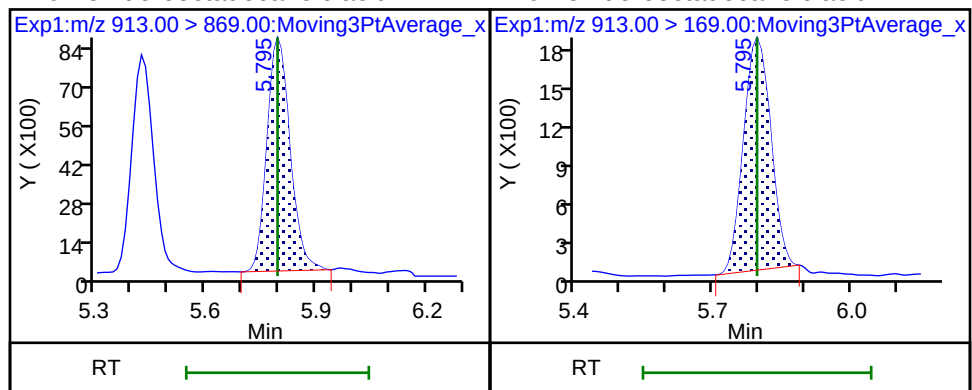


D 44 13C2 PFHxDA



46 Perfluorooctadecanoic acid

46 Perfluorooctadecanoic acid



Eurofins Burlington

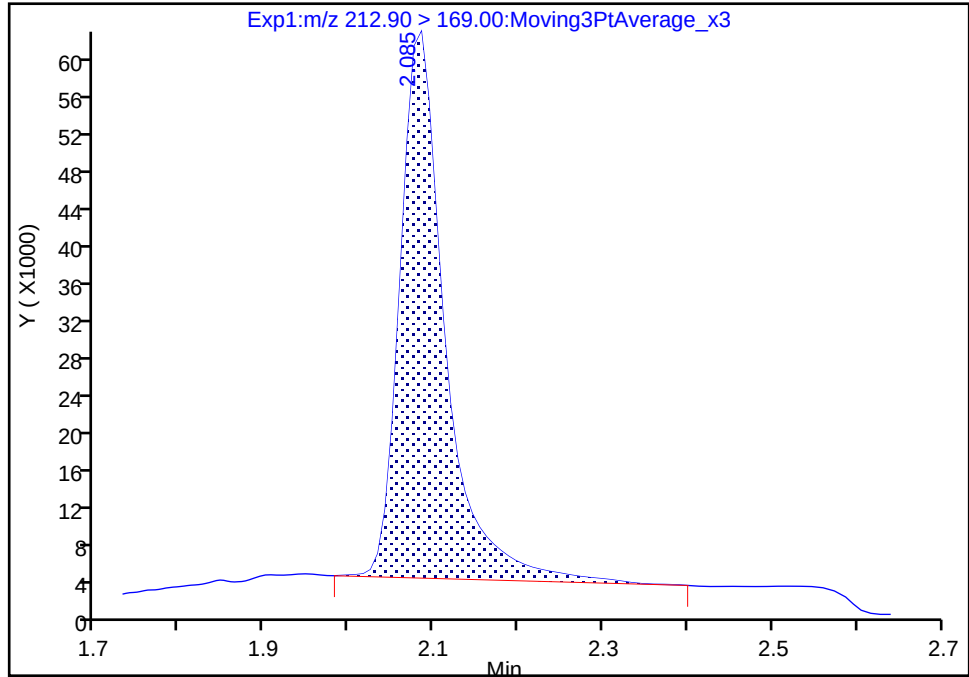
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A05.d
Injection Date: 04-Aug-2022 11:09:18 Instrument ID: LC812
Lims ID: CCVLIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

2 Perfluorobutanoic acid, CAS: 375-22-4

Signal: 1

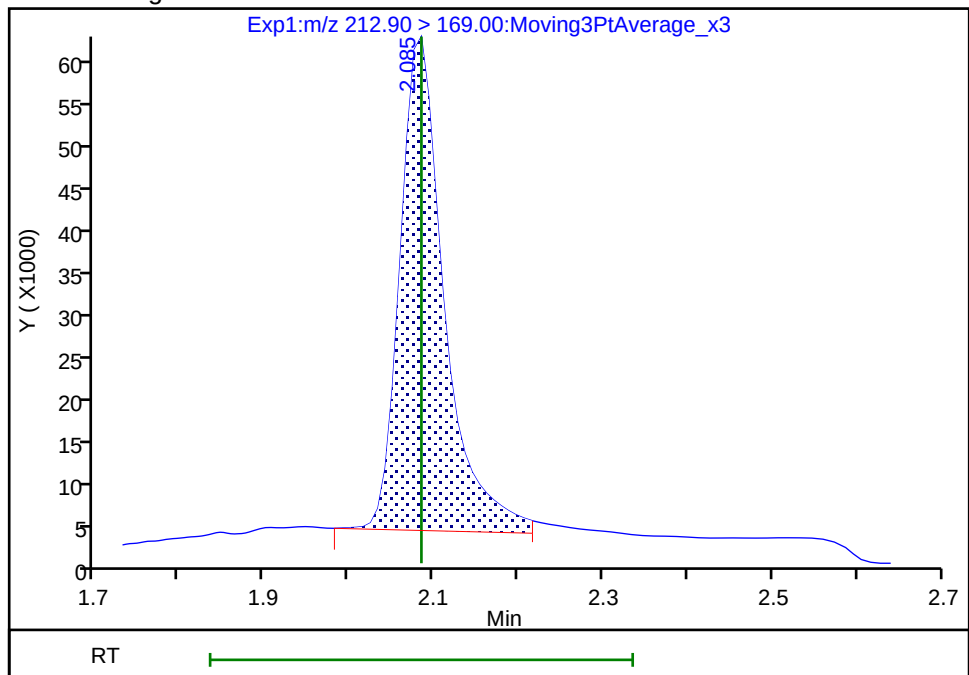
RT: 2.08
Area: 217712
Amount: 0.139449
Amount Units: ng/ml

Processing Integration Results



RT: 2.08
Area: 212615
Amount: 0.136184
Amount Units: ng/ml

Manual Integration Results



Reviewer: SJ4N, 04-Aug-2022 16:35:30
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

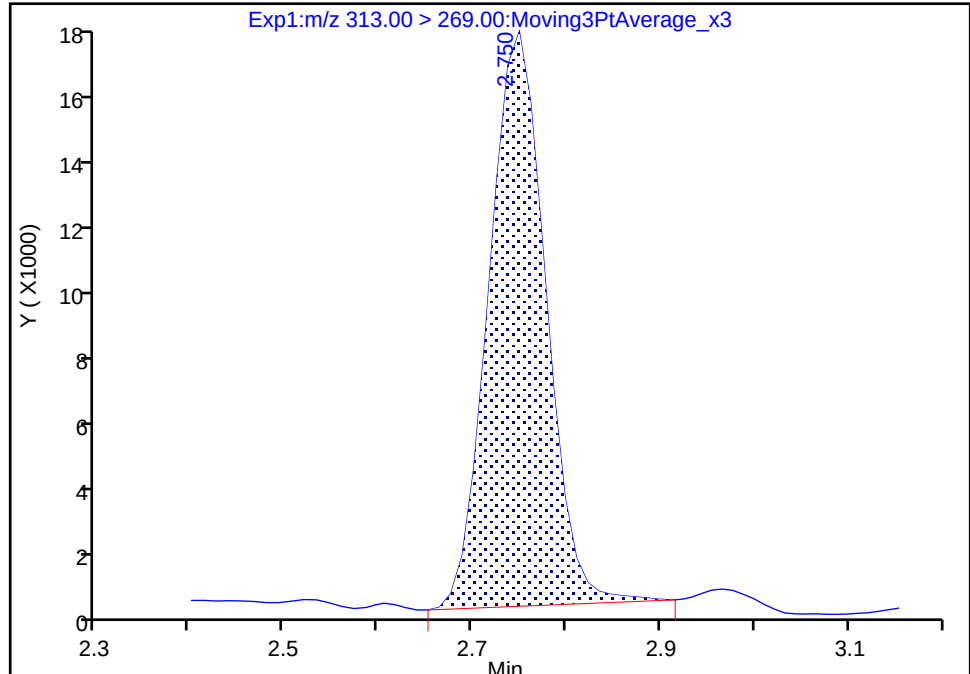
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A05.d
Injection Date: 04-Aug-2022 11:09:18 Instrument ID: LC812
Lims ID: CCVLIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

6 Perfluorohexanoic acid, CAS: 307-24-4

Signal: 1

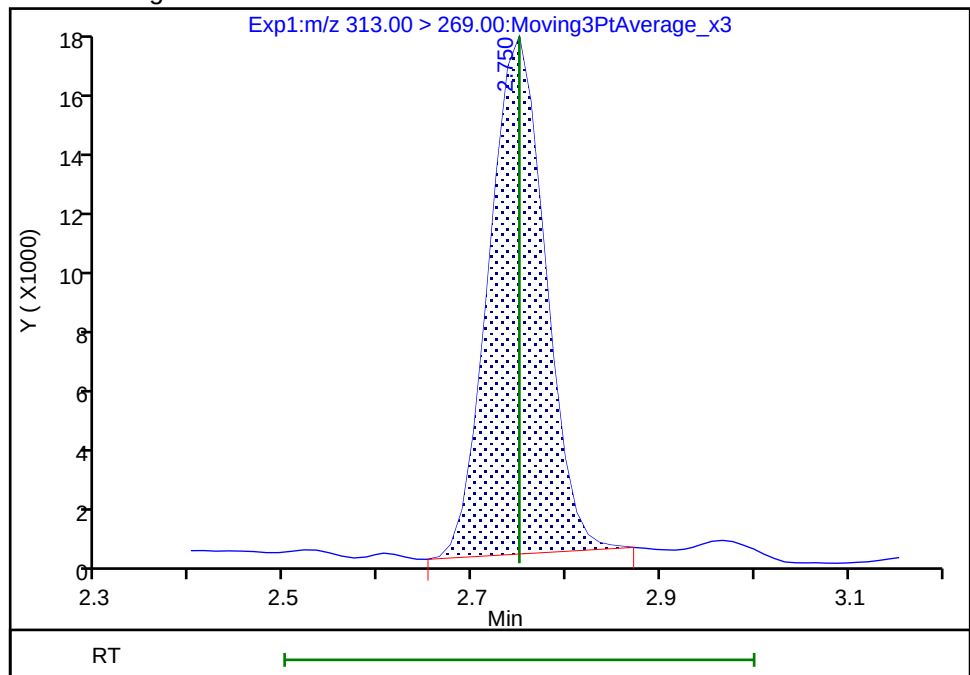
RT: 2.75
Area: 69159
Amount: 0.052643
Amount Units: ng/ml

Processing Integration Results



RT: 2.75
Area: 68115
Amount: 0.051849
Amount Units: ng/ml

Manual Integration Results



Reviewer: SJ4N, 04-Aug-2022 16:36:05
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

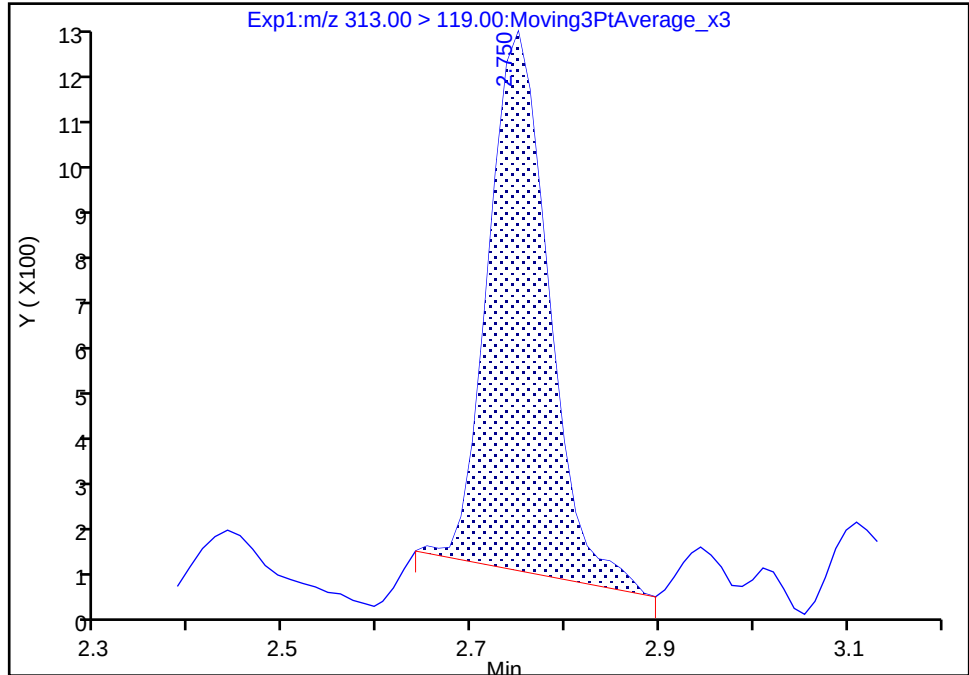
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A05.d
Injection Date: 04-Aug-2022 11:09:18 Instrument ID: LC812
Lims ID: CCVLIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

6 Perfluorohexanoic acid, CAS: 307-24-4

Signal: 2

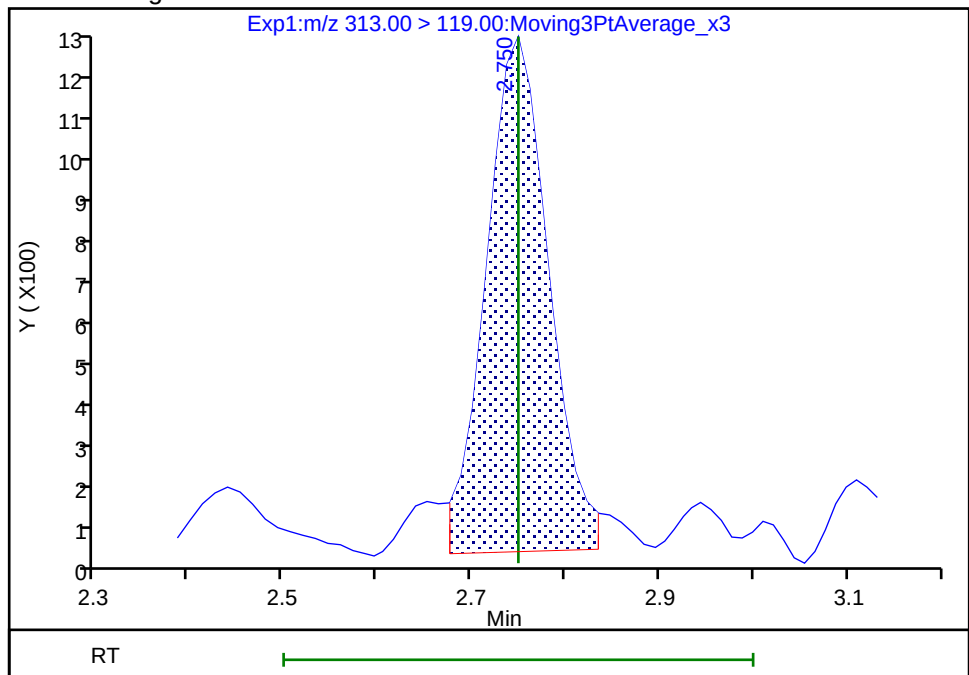
RT: 2.75
Area: 4847
Amount: 0.052643
Amount Units: ng/ml

Processing Integration Results



RT: 2.75
Area: 5272
Amount: 0.051849
Amount Units: ng/ml

Manual Integration Results



Reviewer: SJ4N, 04-Aug-2022 16:36:14

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

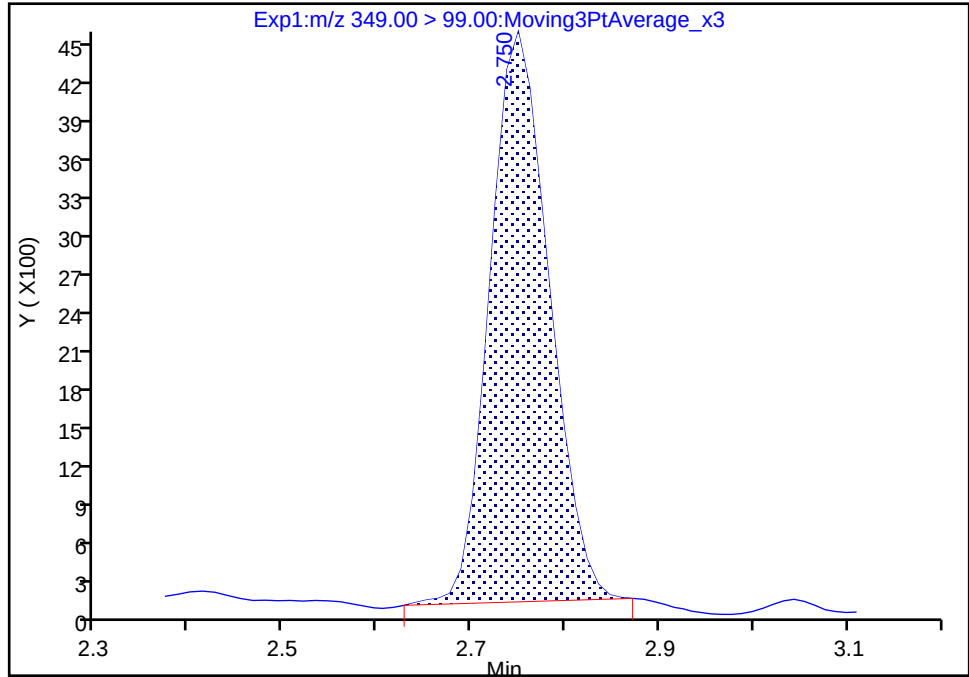
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A05.d
Injection Date: 04-Aug-2022 11:09:18 Instrument ID: LC812
Lims ID: CCVLIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

70 Perfluoropentanesulfonic acid, CAS: 2706-91-4

Signal: 2

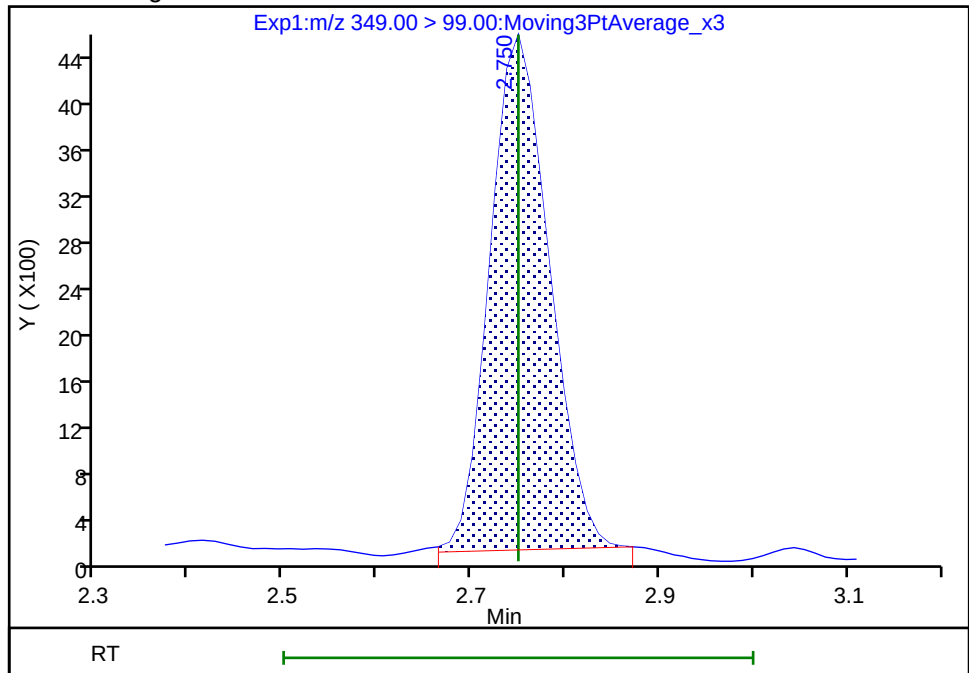
RT: 2.75
Area: 19613
Amount: 0.047314
Amount Units: ng/ml

Processing Integration Results



RT: 2.75
Area: 19557
Amount: 0.047314
Amount Units: ng/ml

Manual Integration Results



Reviewer: SJ4N, 04-Aug-2022 16:36:22
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

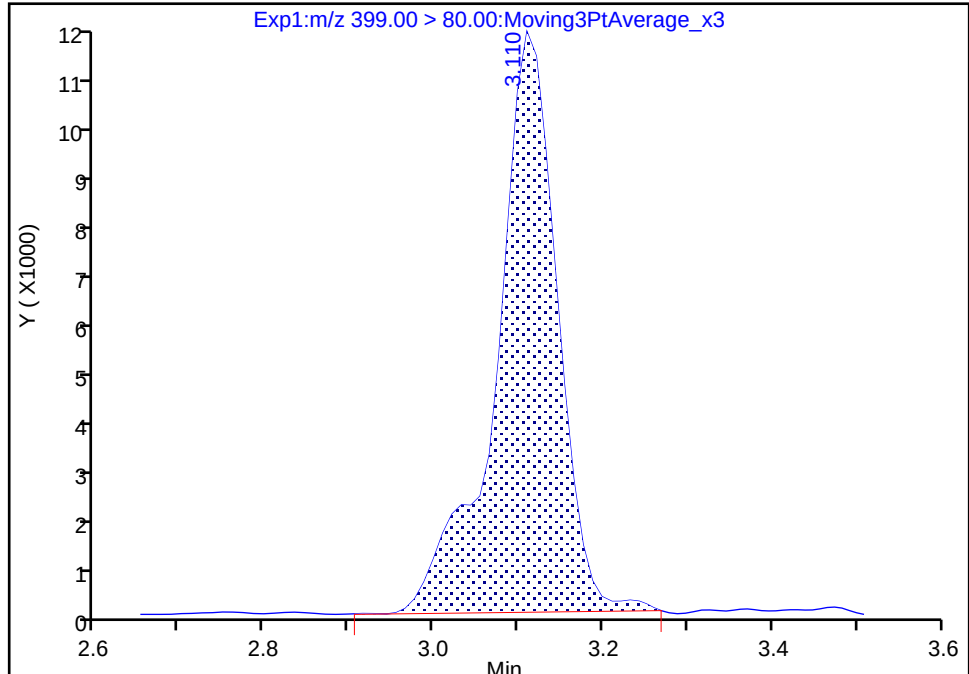
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A05.d
Injection Date: 04-Aug-2022 11:09:18 Instrument ID: LC812
Lims ID: CCVLIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 1

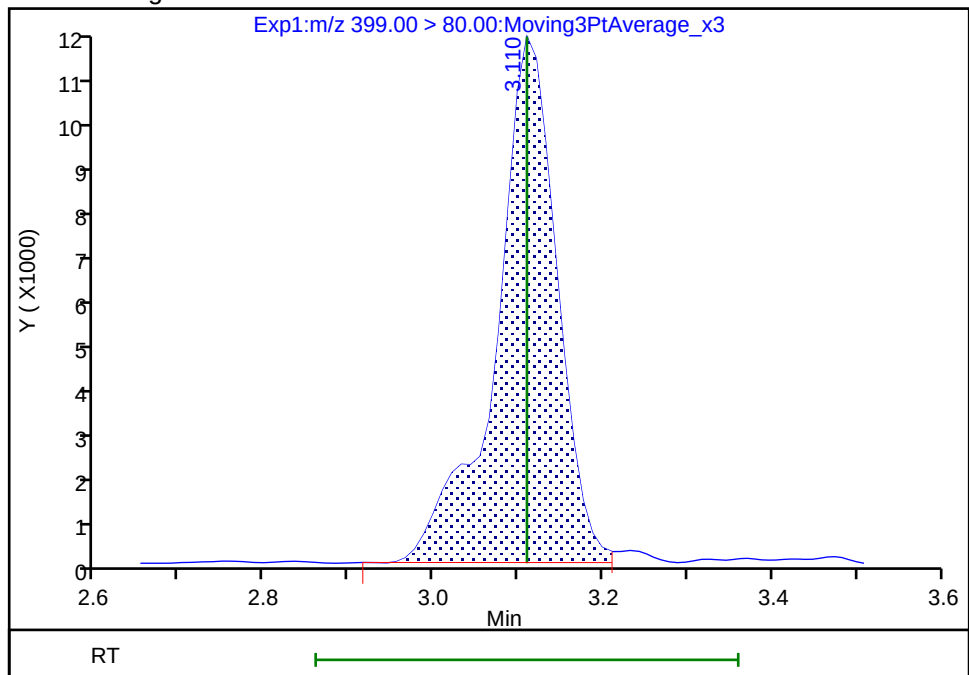
RT: 3.11
Area: 57055
Amount: 0.051376
Amount Units: ng/ml

Processing Integration Results



RT: 3.11
Area: 56804
Amount: 0.051150
Amount Units: ng/ml

Manual Integration Results



Reviewer: SJ4N, 04-Aug-2022 16:36:44
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

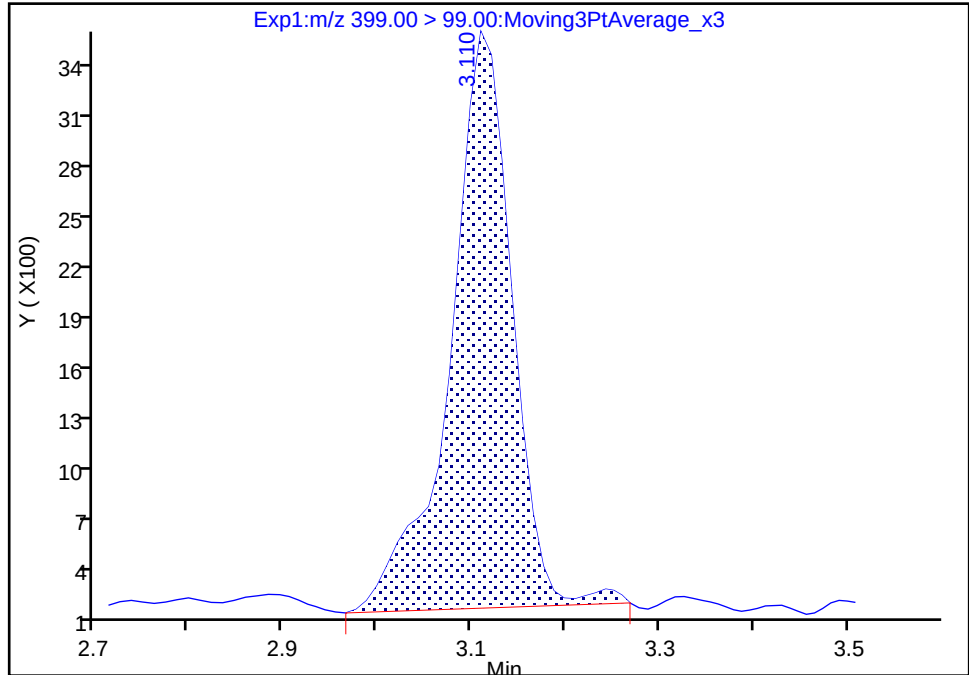
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A05.d
Injection Date: 04-Aug-2022 11:09:18 Instrument ID: LC812
Lims ID: CCVLIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 2

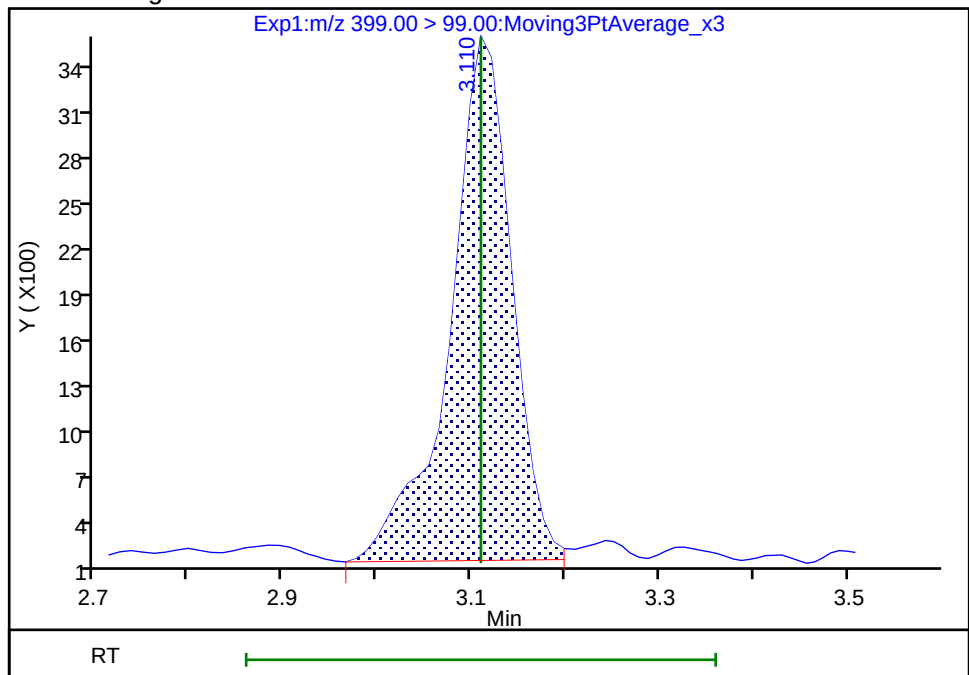
RT: 3.11
Area: 15731
Amount: 0.051376
Amount Units: ng/ml

Processing Integration Results



RT: 3.11
Area: 15711
Amount: 0.051150
Amount Units: ng/ml

Manual Integration Results



Reviewer: SJ4N, 04-Aug-2022 16:36:47

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

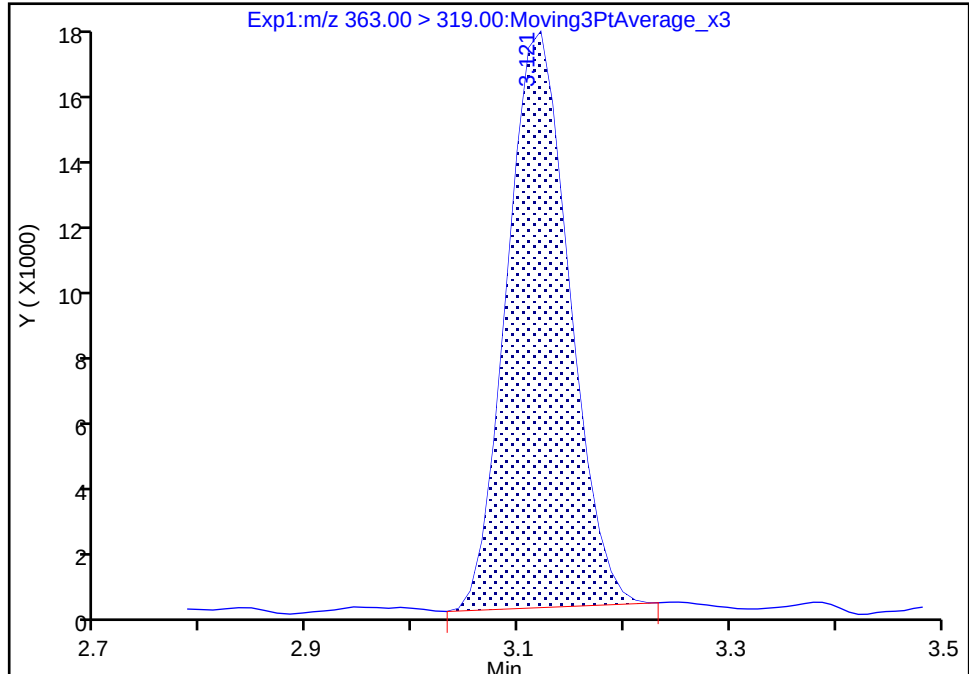
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A05.d
Injection Date: 04-Aug-2022 11:09:18 Instrument ID: LC812
Lims ID: CCVLIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

10 Perfluoroheptanoic acid, CAS: 375-85-9

Signal: 1

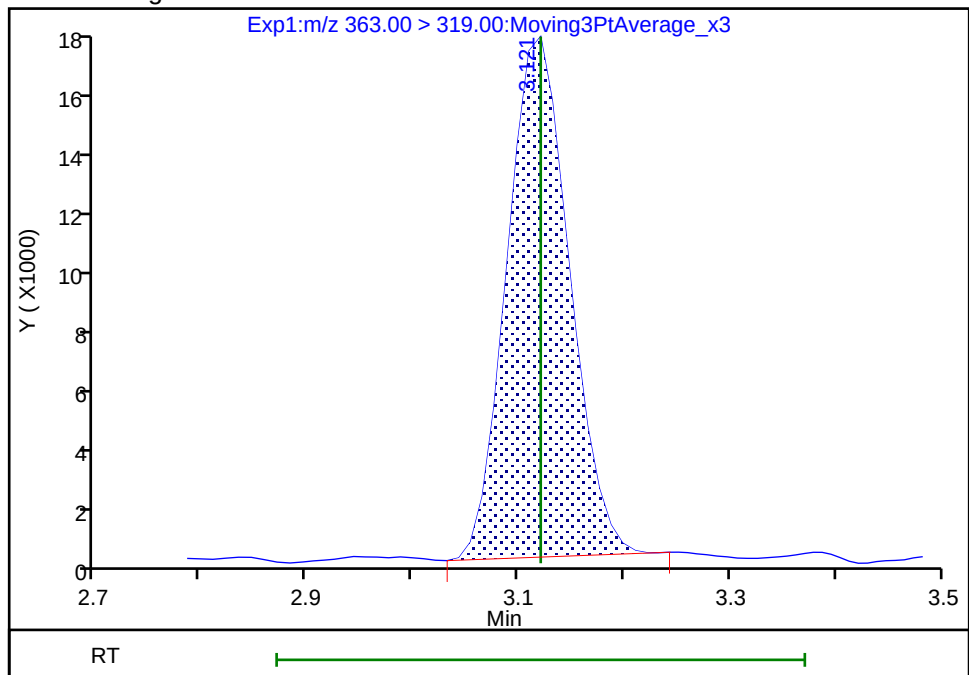
RT: 3.12
Area: 68055
Amount: 0.052665
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 68034
Amount: 0.052649
Amount Units: ng/ml

Manual Integration Results



Reviewer: SJ4N, 04-Aug-2022 16:36:59
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

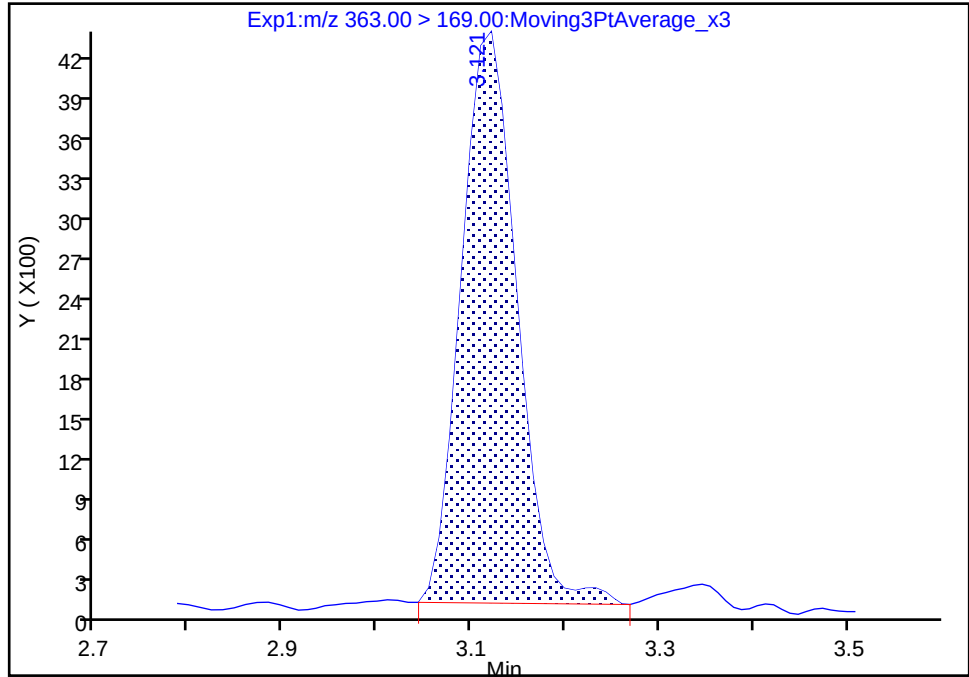
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A05.d
Injection Date: 04-Aug-2022 11:09:18 Instrument ID: LC812
Lims ID: CCVLIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

10 Perfluoroheptanoic acid, CAS: 375-85-9

Signal: 2

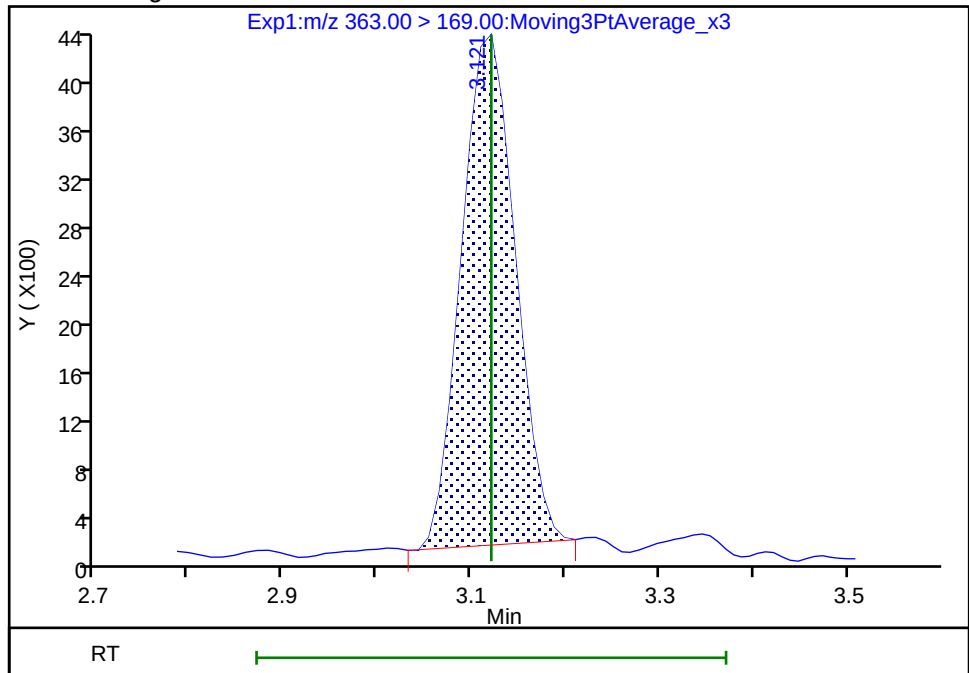
RT: 3.12
Area: 17487
Amount: 0.052665
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 16695
Amount: 0.052649
Amount Units: ng/ml

Manual Integration Results



Reviewer: SJ4N, 04-Aug-2022 16:37:04

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

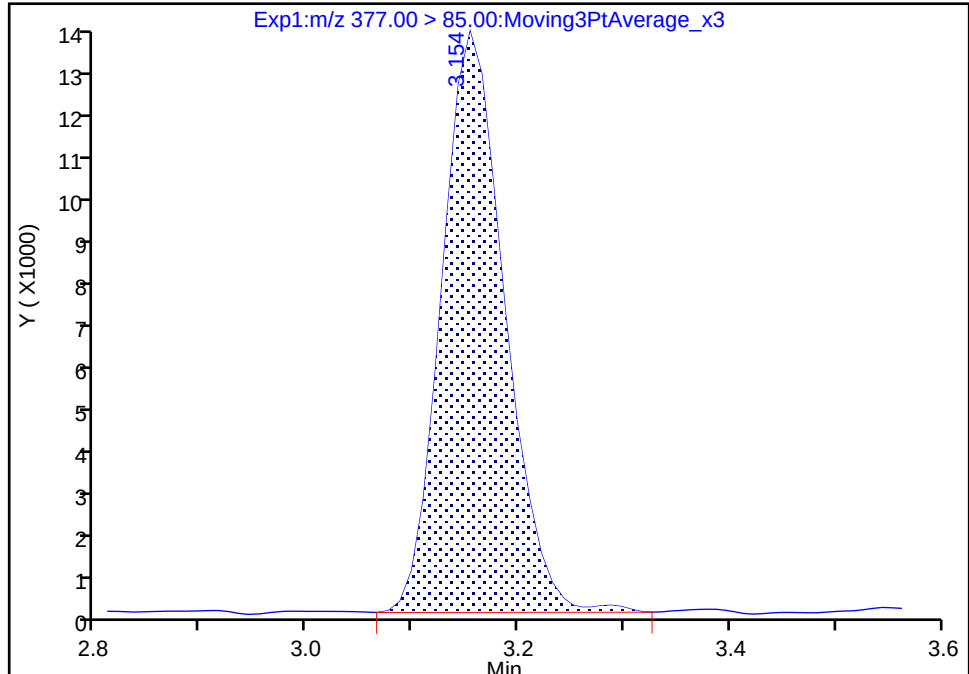
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A05.d
Injection Date: 04-Aug-2022 11:09:18 Instrument ID: LC812
Lims ID: CCVLIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

77 DONA, CAS: 919005-14-4

Signal: 2

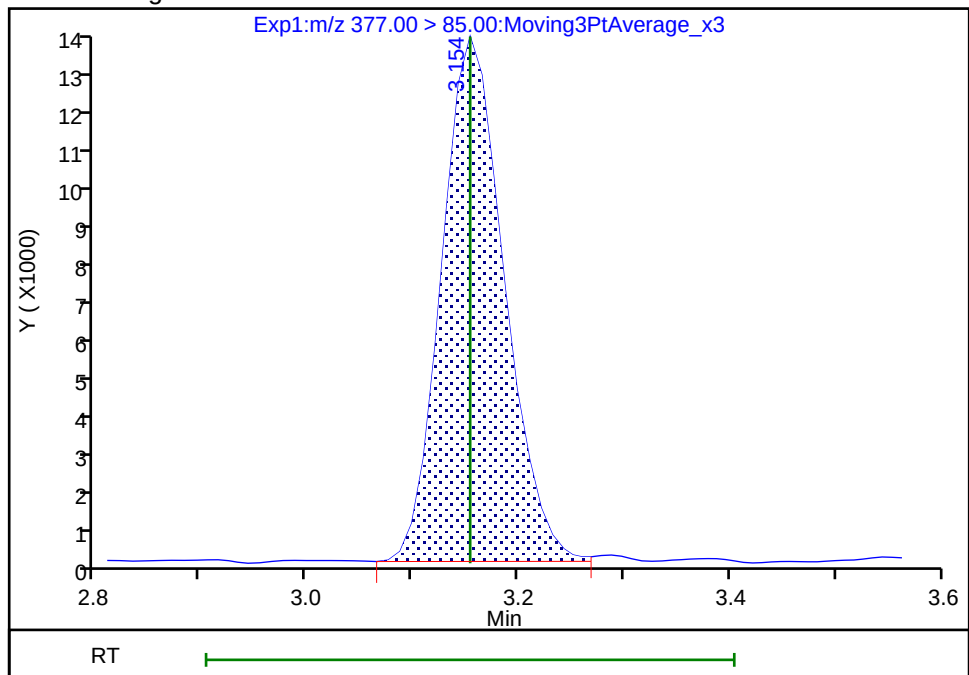
RT: 3.15
Area: 53806
Amount: 0.045686
Amount Units: ng/ml

Processing Integration Results



RT: 3.15
Area: 53492
Amount: 0.045686
Amount Units: ng/ml

Manual Integration Results



Reviewer: SJ4N, 04-Aug-2022 16:37:13
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

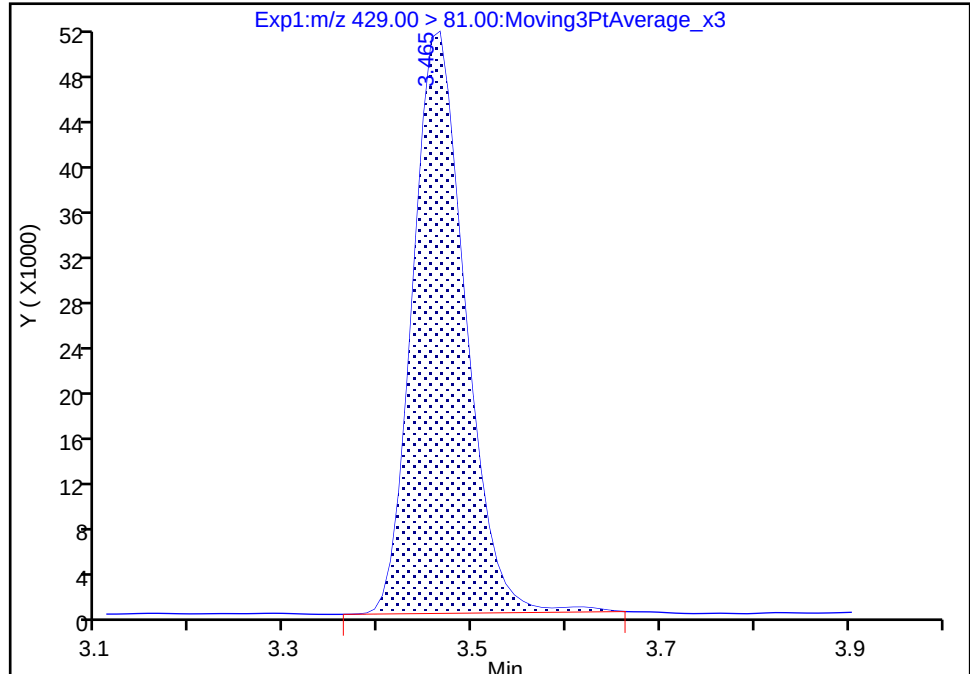
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A05.d
Injection Date: 04-Aug-2022 11:09:18 Instrument ID: LC812
Lims ID: CCVLIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 12 M2-6:2 FTS, CAS: STL02279

Signal: 1

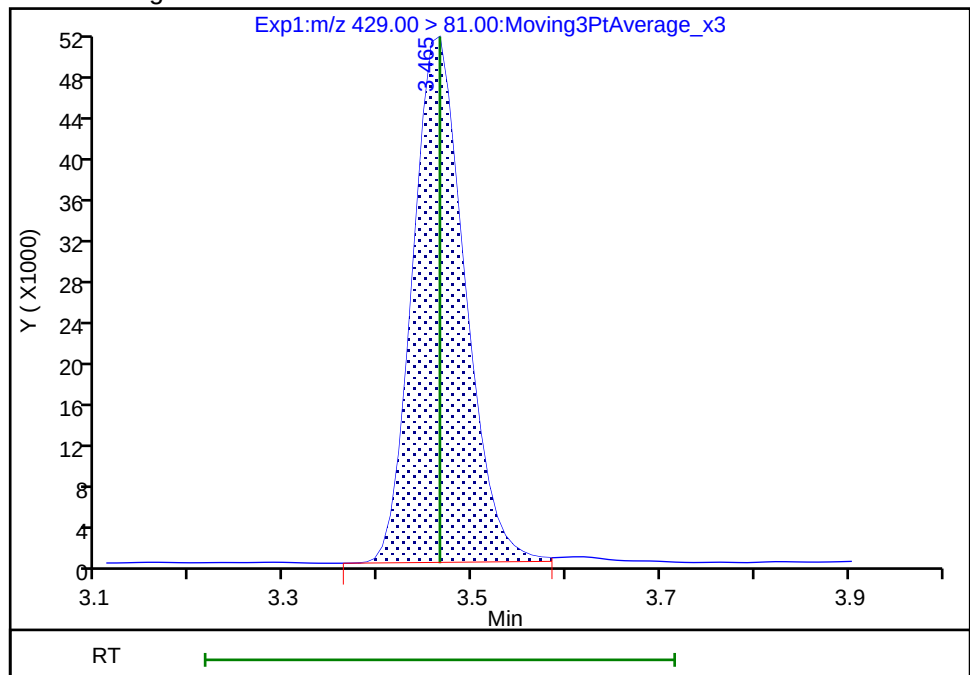
RT: 3.47
Area: 199528
Amount: 1.176862
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 198186
Amount: 1.168947
Amount Units: ng/ml

Manual Integration Results



Reviewer: SJ4N, 04-Aug-2022 16:37:18
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

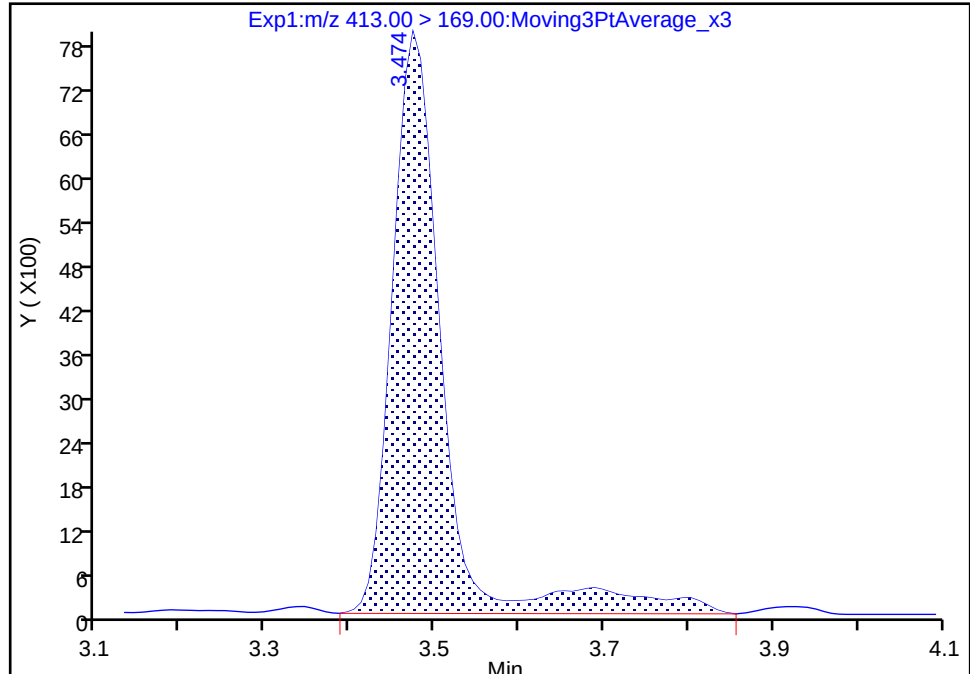
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A05.d
Injection Date: 04-Aug-2022 11:09:18 Instrument ID: LC812
Lims ID: CCVLIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 2

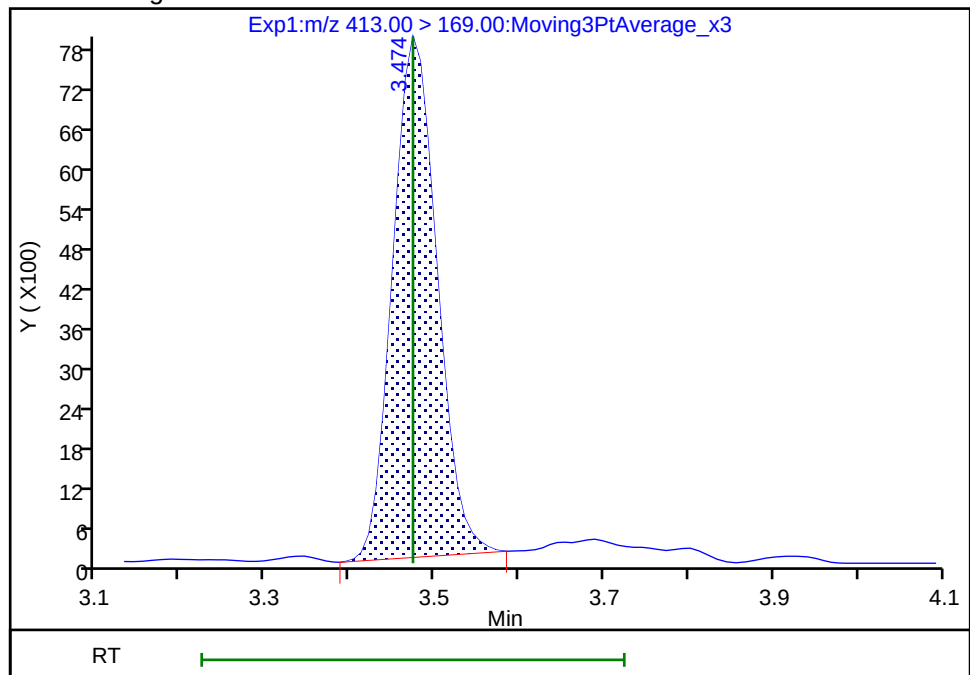
RT: 3.47
Area: 32959
Amount: 0.049107
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 28444
Amount: 0.049107
Amount Units: ng/ml

Manual Integration Results



Reviewer: SJ4N, 04-Aug-2022 16:37:29

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

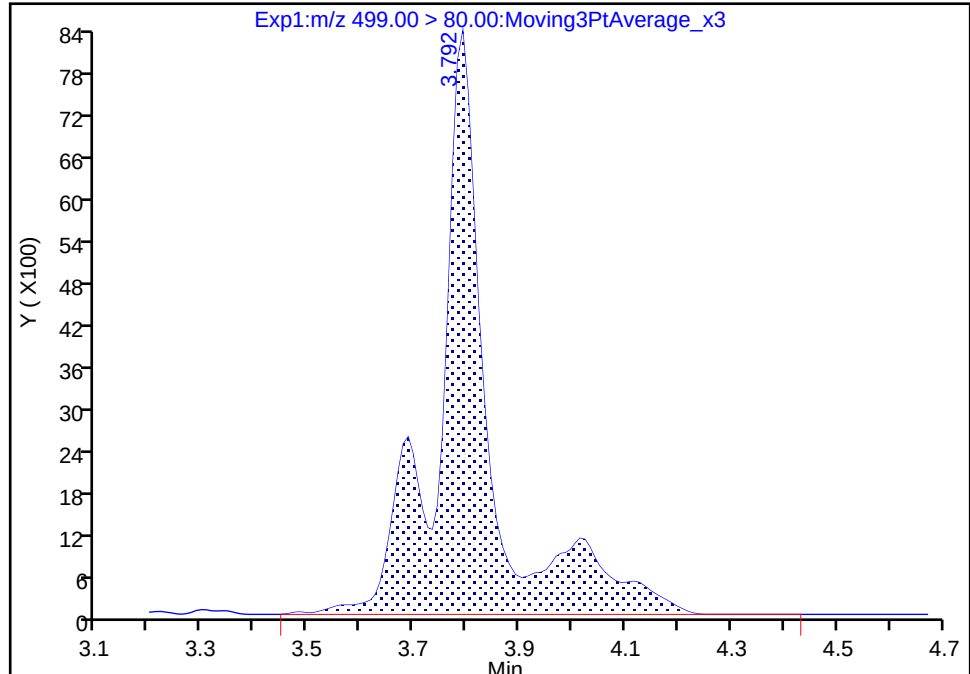
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A05.d
Injection Date: 04-Aug-2022 11:09:18 Instrument ID: LC812
Lims ID: CCVLIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 1

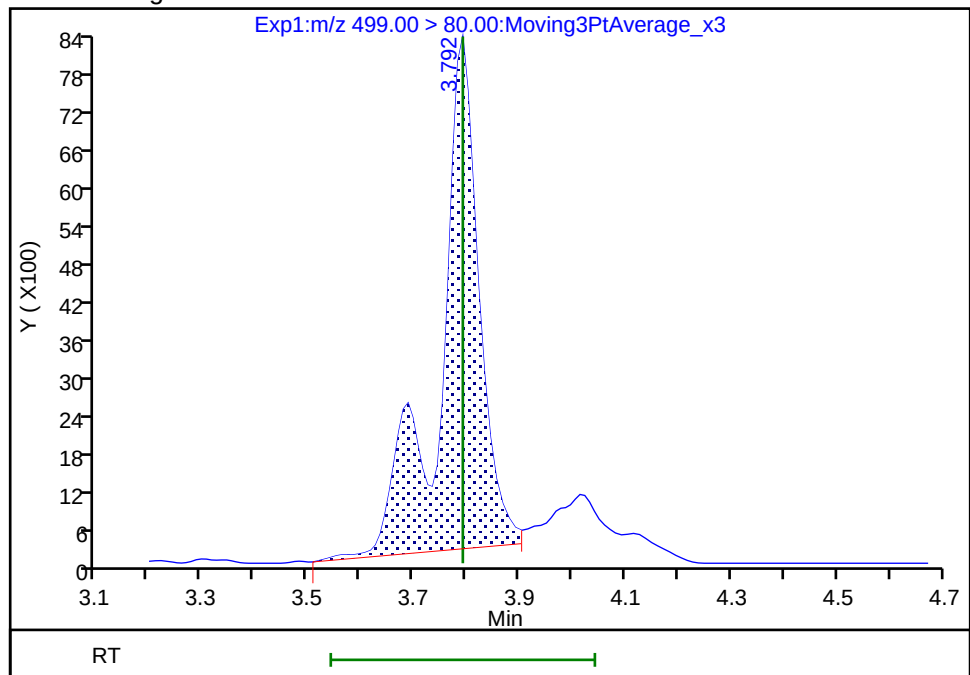
RT: 3.79
Area: 57198
Amount: 0.057696
Amount Units: ng/ml

Processing Integration Results



RT: 3.79
Area: 42464
Amount: 0.038075
Amount Units: ng/ml

Manual Integration Results



Reviewer: SJ4N, 04-Aug-2022 16:38:11
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

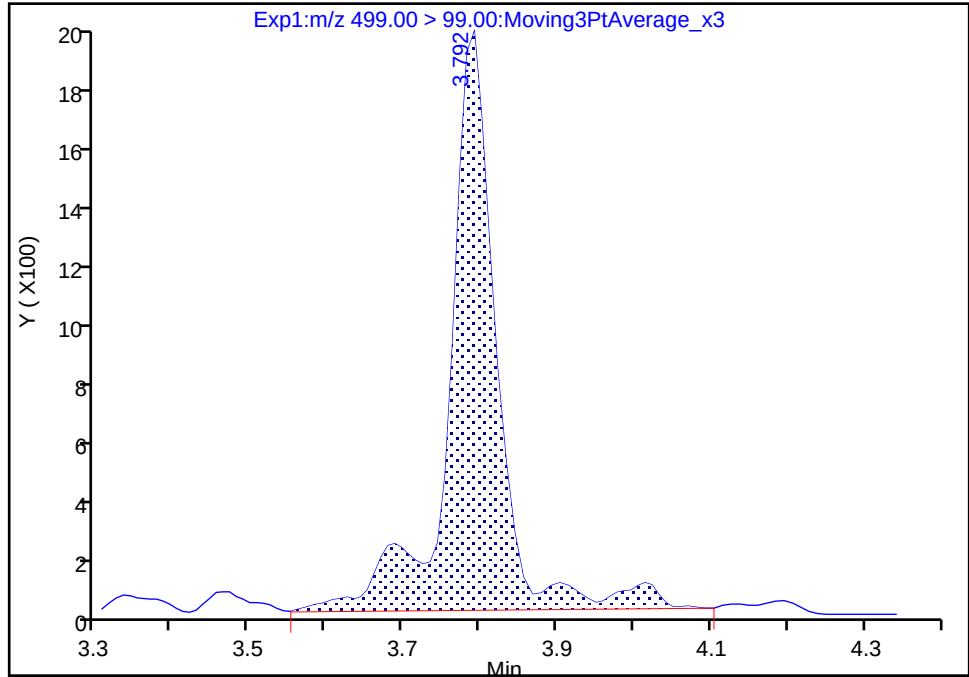
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A05.d
Injection Date: 04-Aug-2022 11:09:18 Instrument ID: LC812
Lims ID: CCVLIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 2

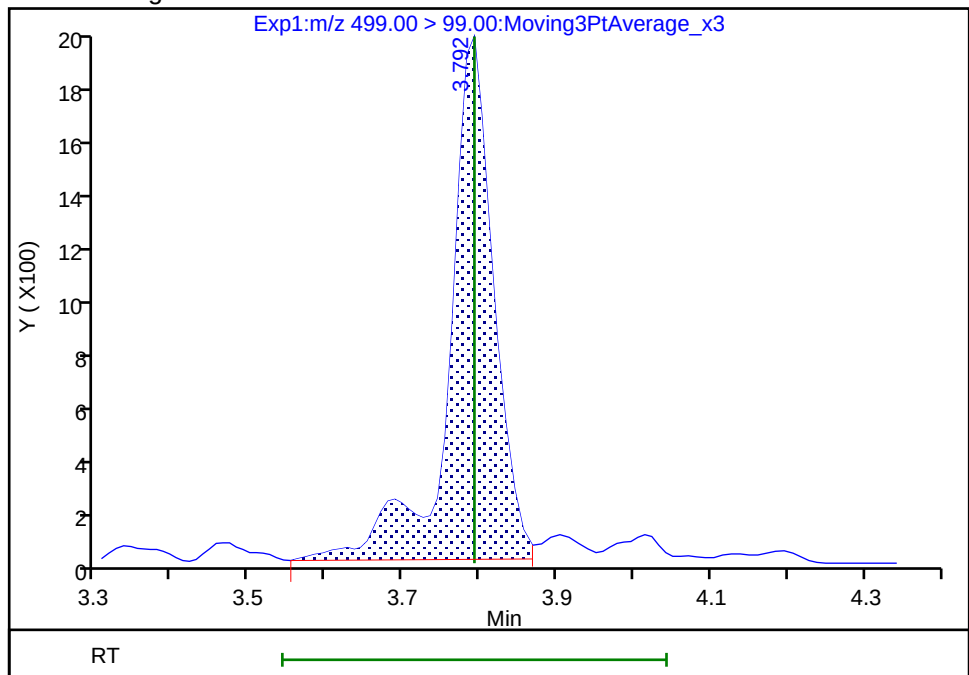
RT: 3.79
Area: 8701
Amount: 0.057696
Amount Units: ng/ml

Processing Integration Results



Manual Integration Results

RT: 3.79
Area: 8025
Amount: 0.038075
Amount Units: ng/ml



Reviewer: SJ4N, 04-Aug-2022 16:38:14

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

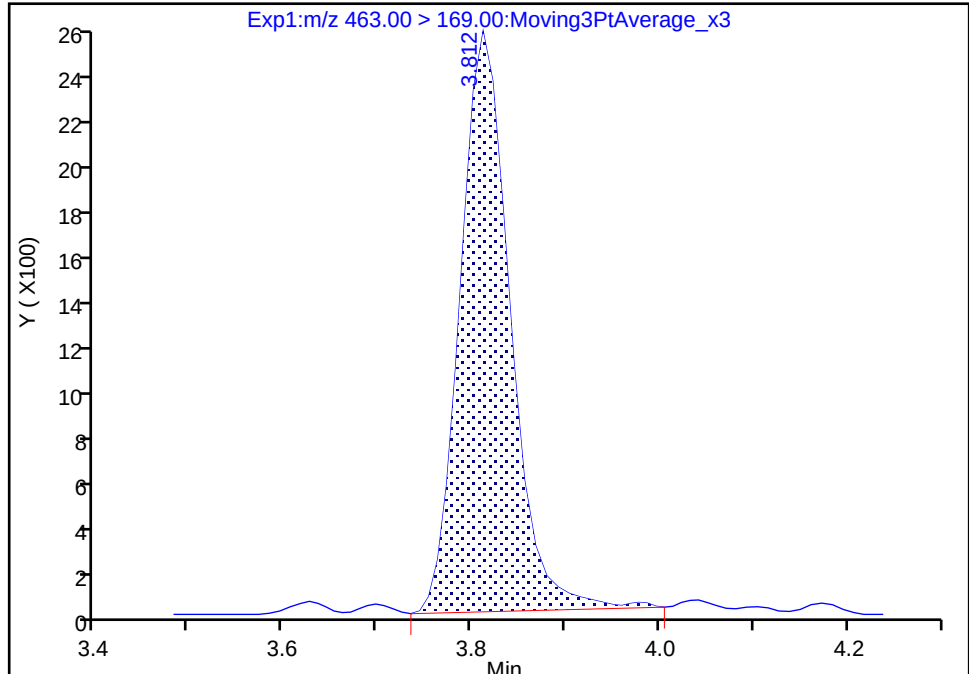
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A05.d
Injection Date: 04-Aug-2022 11:09:18 Instrument ID: LC812
Lims ID: CCVLIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

20 Perfluorononanoic acid, CAS: 375-95-1

Signal: 2

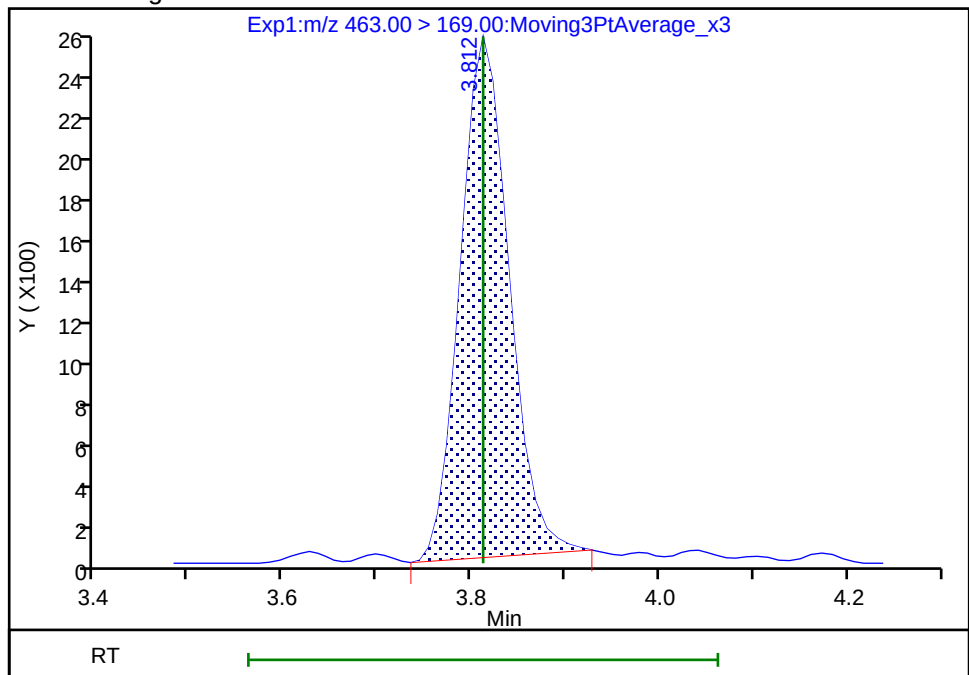
RT: 3.81
Area: 9538
Amount: 0.051807
Amount Units: ng/ml

Processing Integration Results



RT: 3.81
Area: 9212
Amount: 0.051807
Amount Units: ng/ml

Manual Integration Results



Reviewer: SJ4N, 04-Aug-2022 16:38:27
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

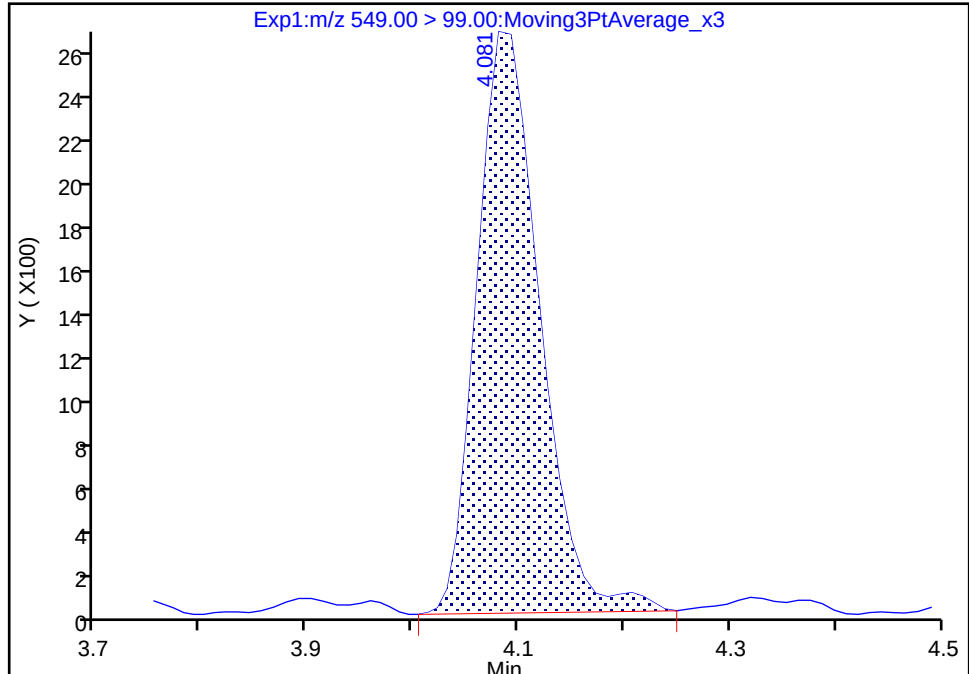
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A05.d
Injection Date: 04-Aug-2022 11:09:18 Instrument ID: LC812
Lims ID: CCVLIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

68 Perfluoronanesulfonic acid, CAS: 68259-12-1

Signal: 2

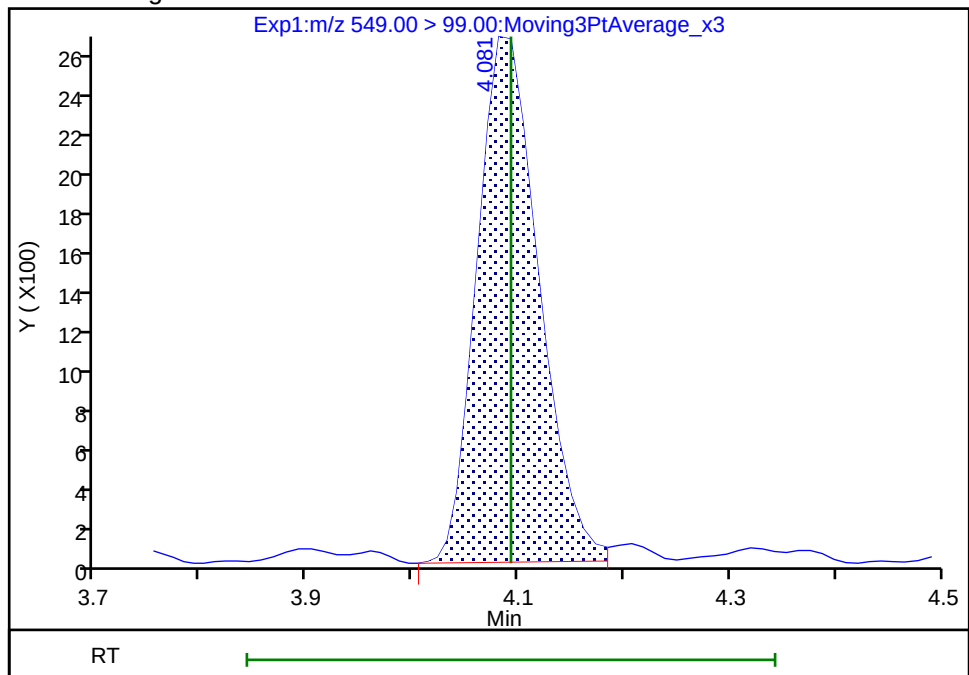
RT: 4.08
Area: 10753
Amount: 0.047318
Amount Units: ng/ml

Processing Integration Results



RT: 4.08
Area: 10555
Amount: 0.047318
Amount Units: ng/ml

Manual Integration Results



Reviewer: SJ4N, 04-Aug-2022 16:38:35
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

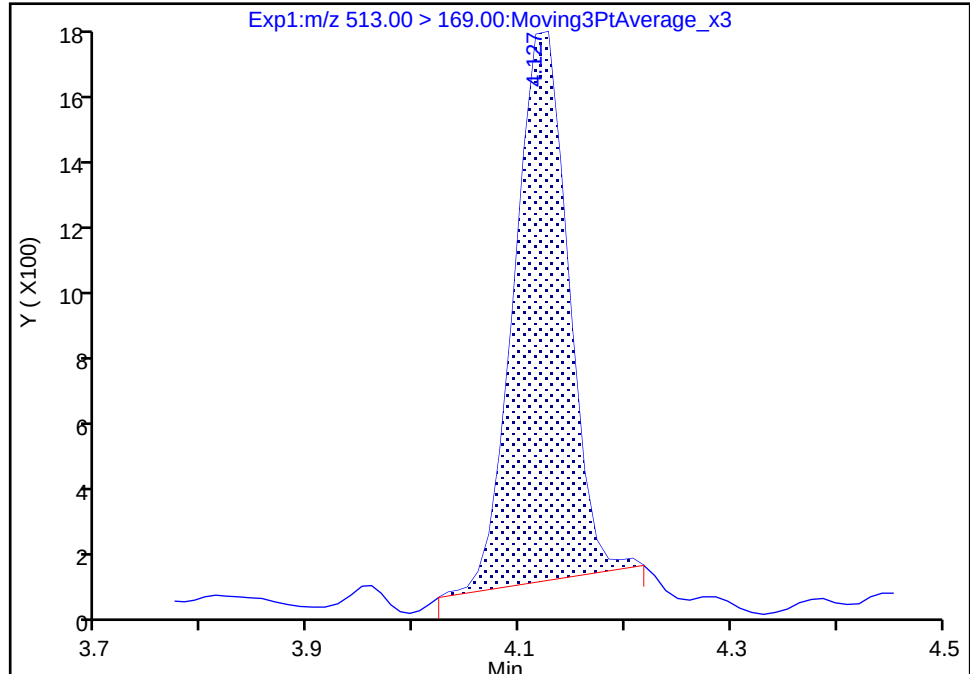
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A05.d
Injection Date: 04-Aug-2022 11:09:18 Instrument ID: LC812
Lims ID: CCVLIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

24 Perfluorodecanoic acid, CAS: 335-76-2

Signal: 2

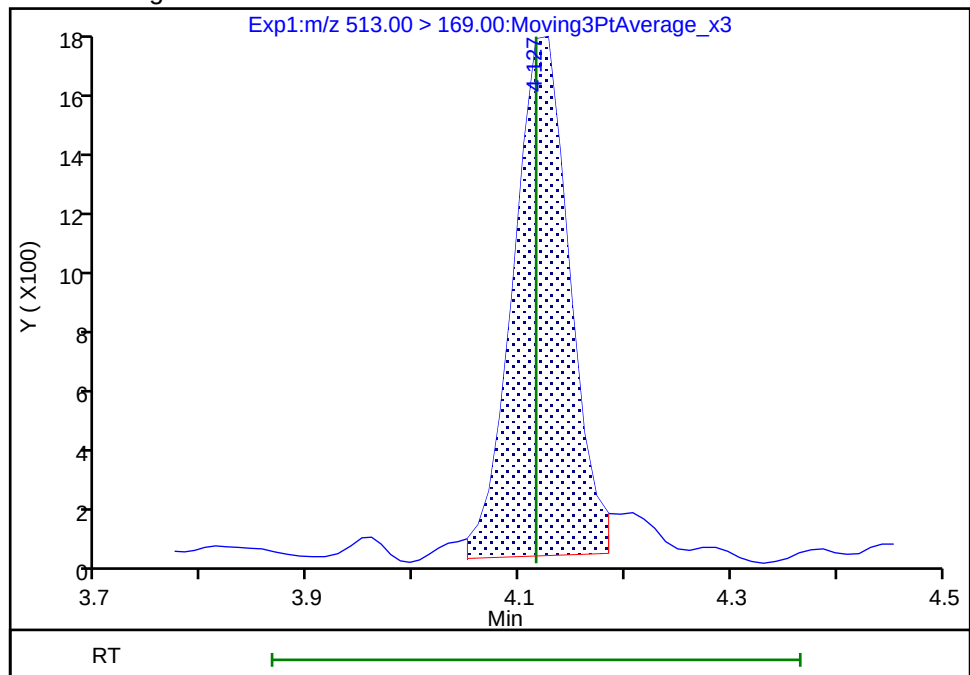
RT: 4.13
Area: 5884
Amount: 0.053835
Amount Units: ng/ml

Processing Integration Results



RT: 4.13
Area: 6407
Amount: 0.053835
Amount Units: ng/ml

Manual Integration Results



Reviewer: SJ4N, 04-Aug-2022 16:38:54
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

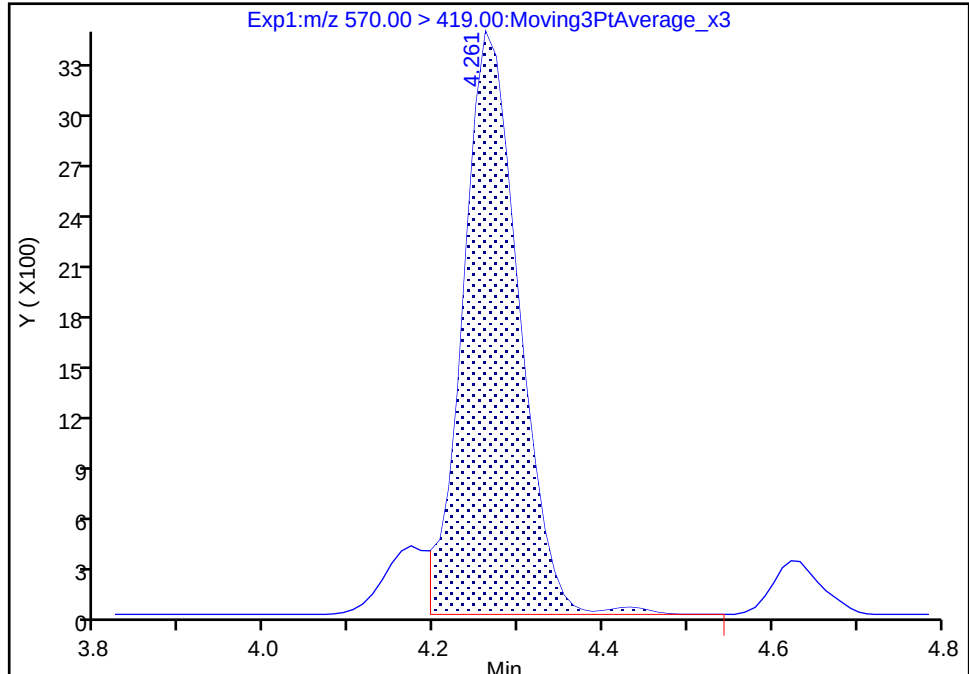
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A05.d
Injection Date: 04-Aug-2022 11:09:18 Instrument ID: LC812
Lims ID: CCVLIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

28 N-methylperfluorooctanesulfonami, CAS: 2355-31-9

Signal: 1

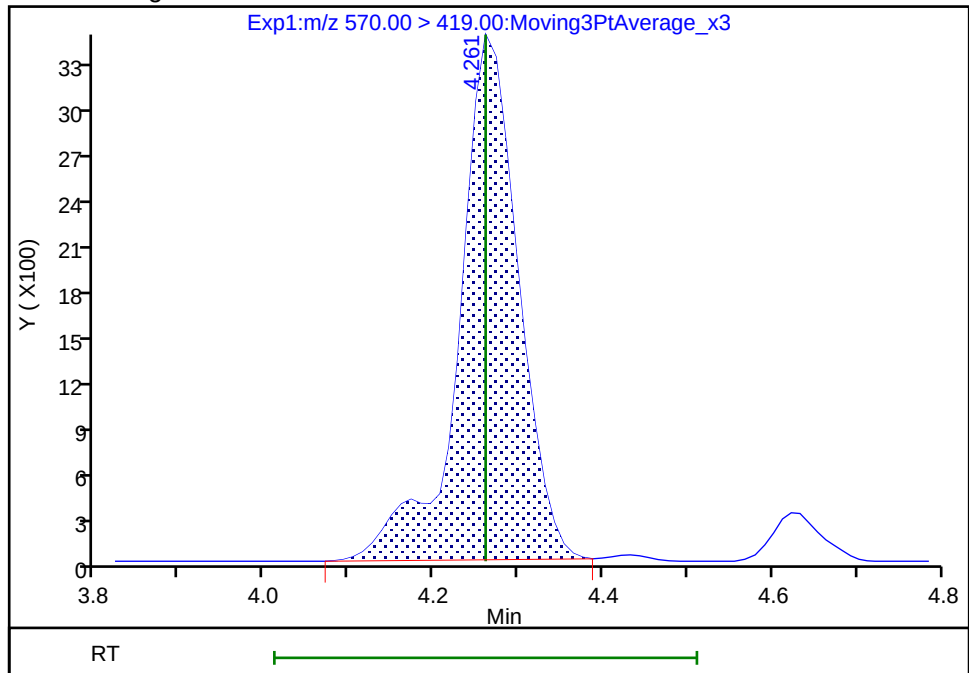
RT: 4.26
Area: 15871
Amount: 0.109433
Amount Units: ng/ml

Processing Integration Results



RT: 4.26
Area: 17013
Amount: 0.117307
Amount Units: ng/ml

Manual Integration Results



Reviewer: SJ4N, 04-Aug-2022 16:39:07
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

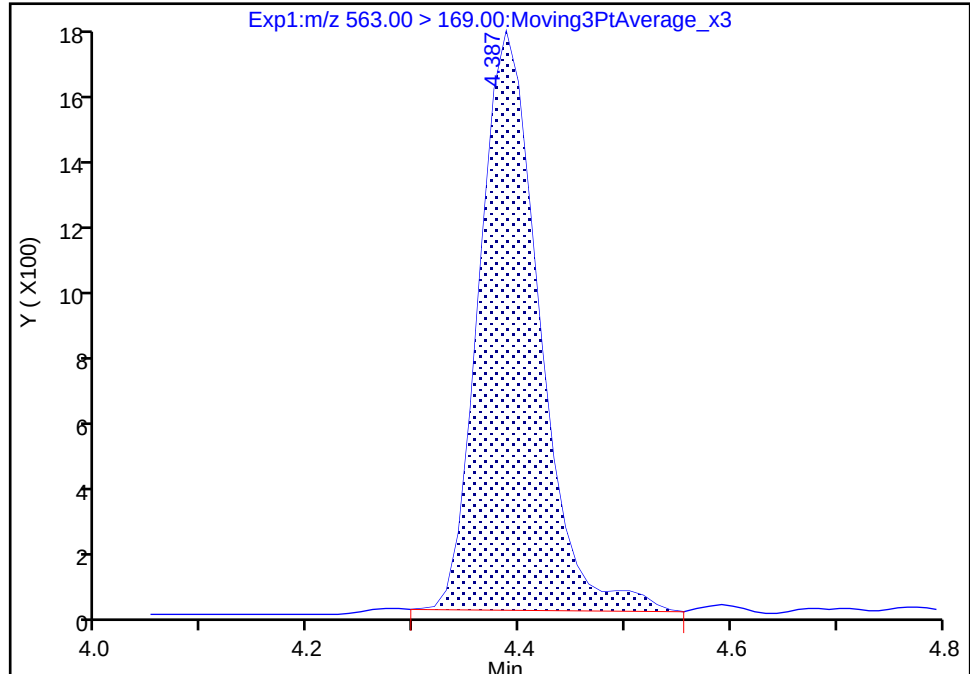
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A05.d
Injection Date: 04-Aug-2022 11:09:18 Instrument ID: LC812
Lims ID: CCVLIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

31 Perfluoroundecanoic acid, CAS: 2058-94-8

Signal: 2

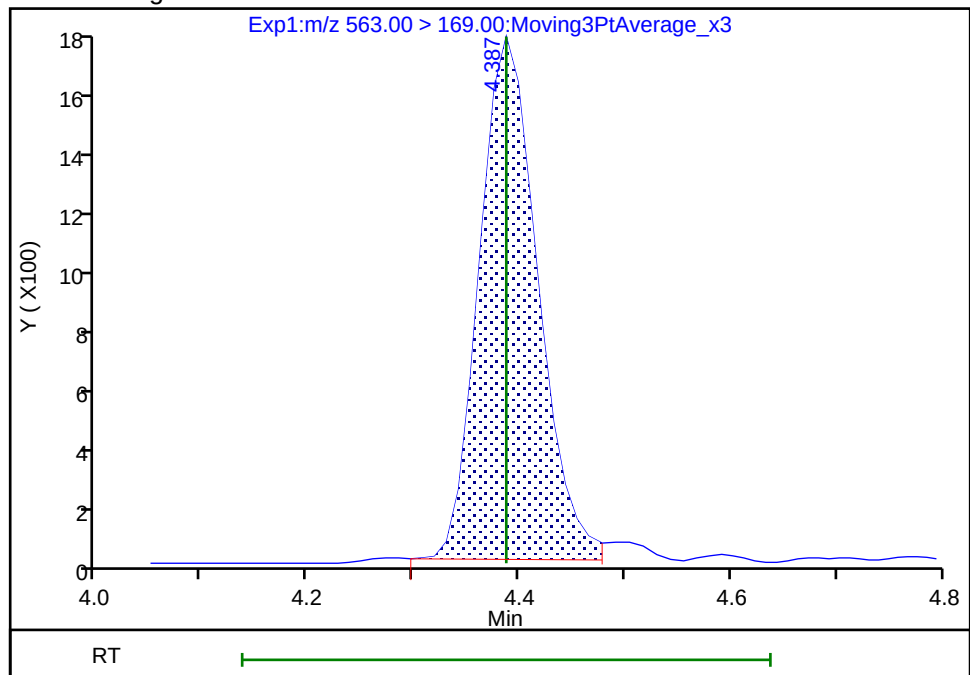
RT: 4.39
Area: 6948
Amount: 0.052365
Amount Units: ng/ml

Processing Integration Results



RT: 4.39
Area: 6767
Amount: 0.052365
Amount Units: ng/ml

Manual Integration Results



Reviewer: SJ4N, 04-Aug-2022 16:39:17
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

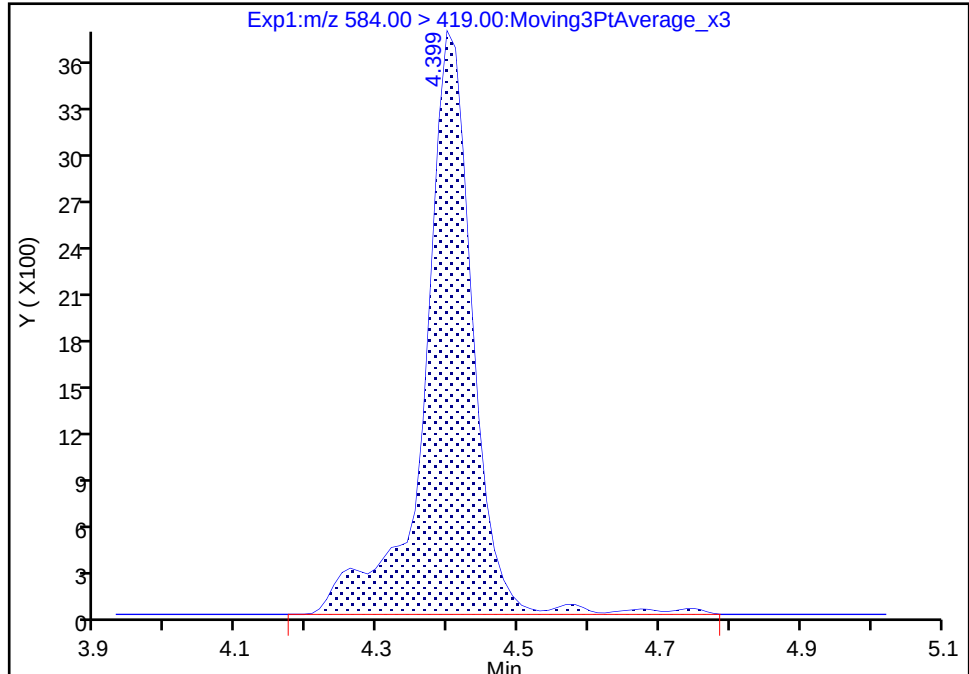
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A05.d
Injection Date: 04-Aug-2022 11:09:18 Instrument ID: LC812
Lims ID: CCVLIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

33 N-ethylperfluorooctanesulfonamid, CAS: 2991-50-6

Signal: 1

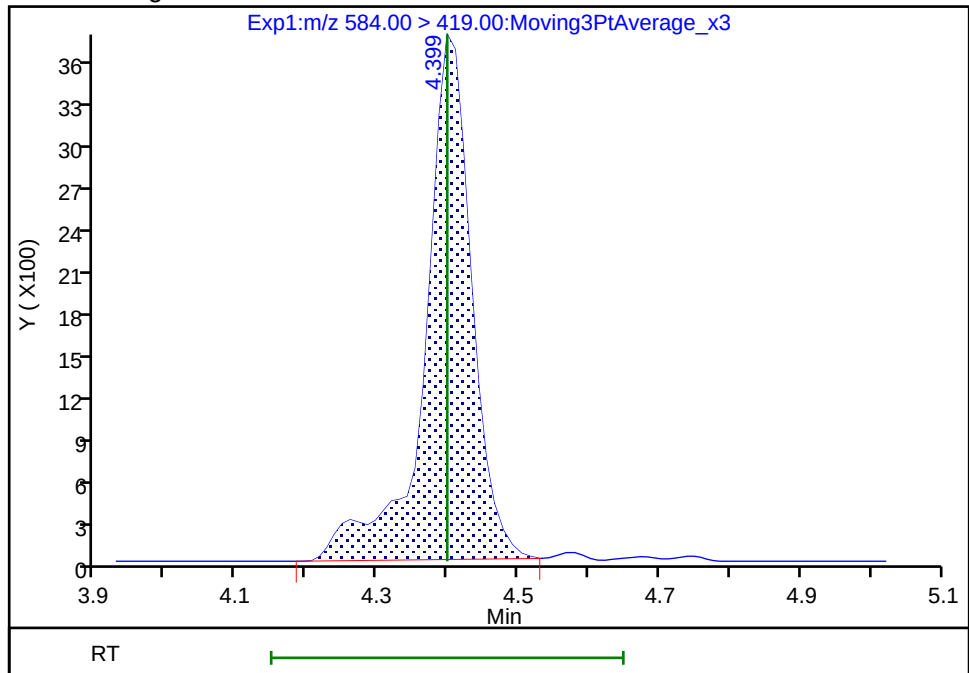
RT: 4.40
Area: 18068
Amount: 0.134169
Amount Units: ng/ml

Processing Integration Results



RT: 4.40
Area: 17445
Amount: 0.129543
Amount Units: ng/ml

Manual Integration Results



Reviewer: SJ4N, 04-Aug-2022 16:39:25
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

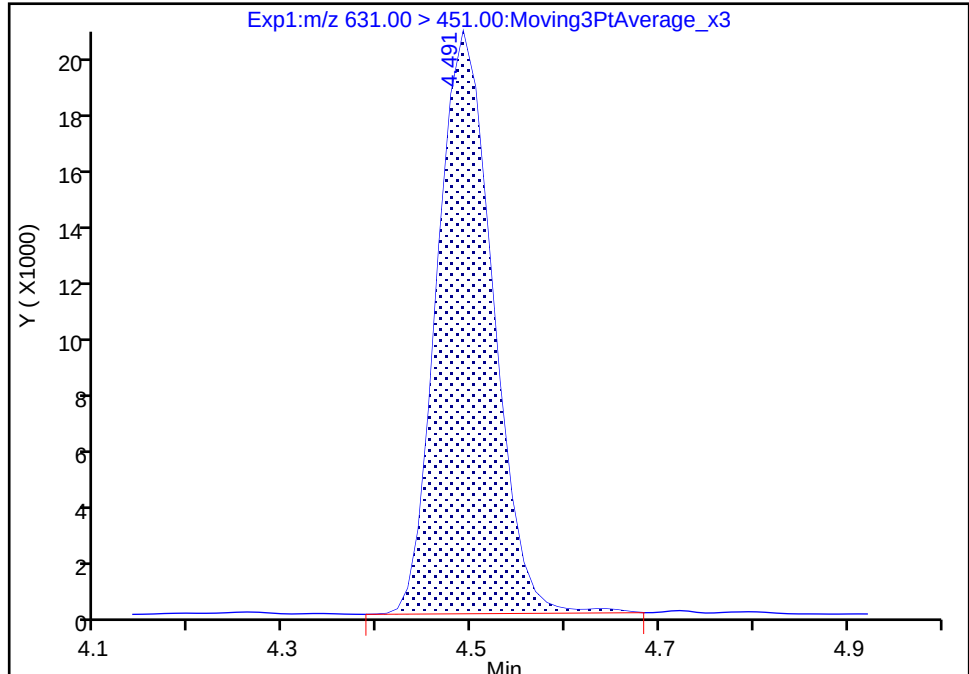
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A05.d
Injection Date: 04-Aug-2022 11:09:18 Instrument ID: LC812
Lims ID: CCVLIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

66 11-Chloroeicosafluoro-3-oxaundec, CAS: 763051-92-9

Signal: 1

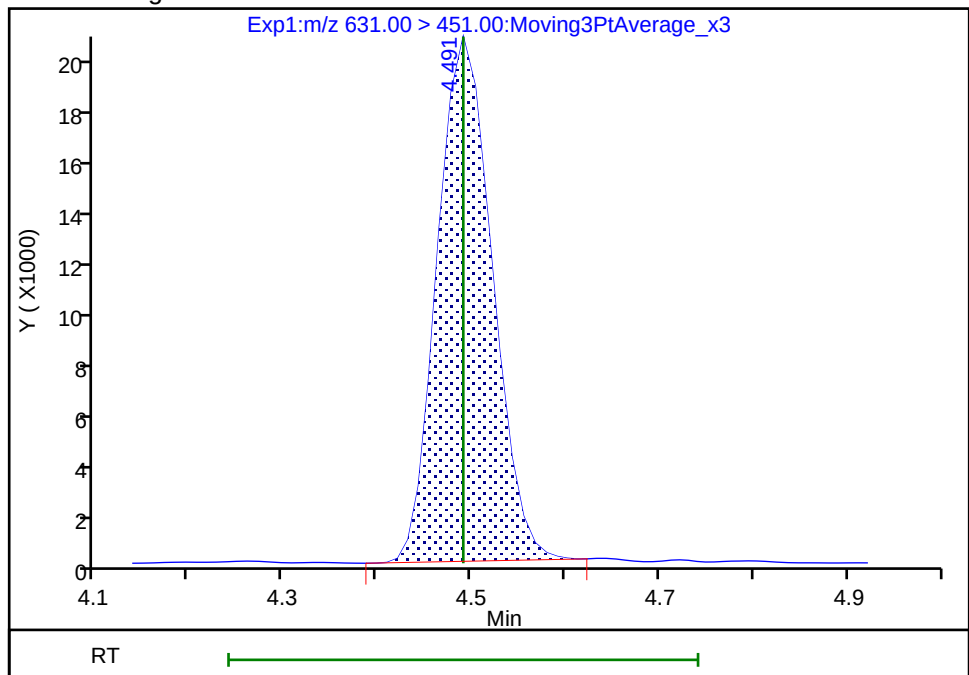
RT: 4.49
Area: 83493
Amount: 0.048114
Amount Units: ng/ml

Processing Integration Results



RT: 4.49
Area: 82302
Amount: 0.047427
Amount Units: ng/ml

Manual Integration Results



Reviewer: SJ4N, 04-Aug-2022 16:39:32
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

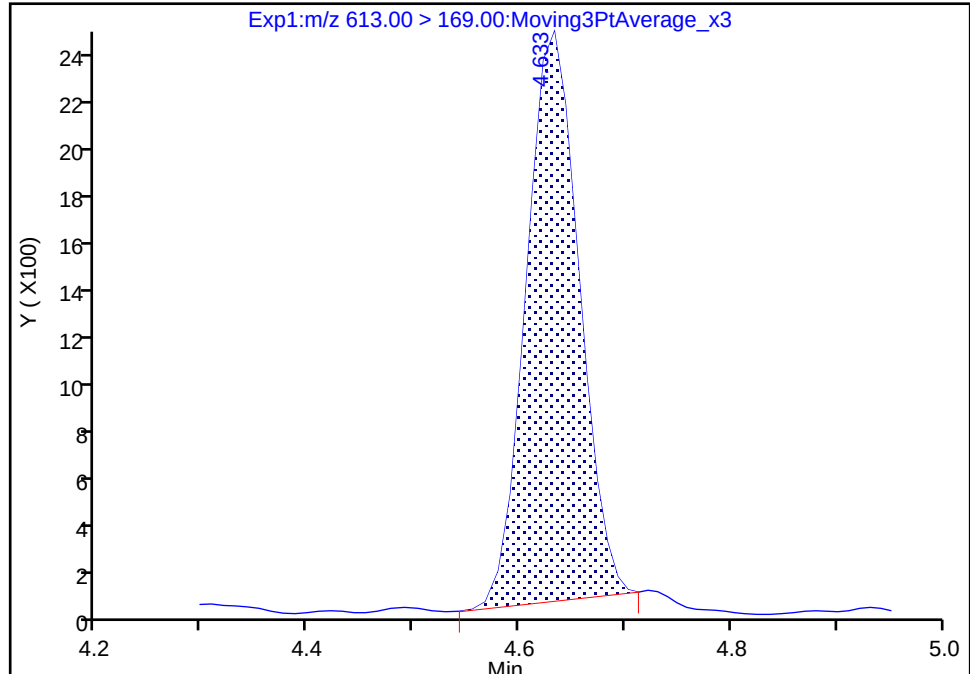
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A05.d
Injection Date: 04-Aug-2022 11:09:18 Instrument ID: LC812
Lims ID: CCVLIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

37 Perfluorododecanoic acid, CAS: 307-55-1

Signal: 2

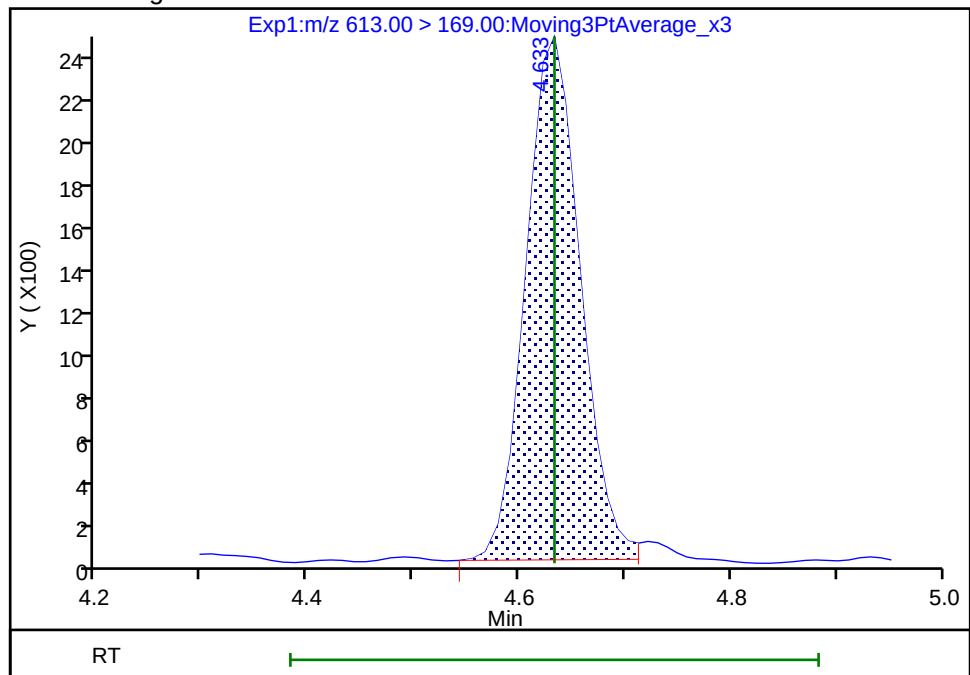
RT: 4.63
Area: 8210
Amount: 0.050293
Amount Units: ng/ml

Processing Integration Results



RT: 4.63
Area: 8576
Amount: 0.050293
Amount Units: ng/ml

Manual Integration Results



Reviewer: SJ4N, 04-Aug-2022 16:39:47
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

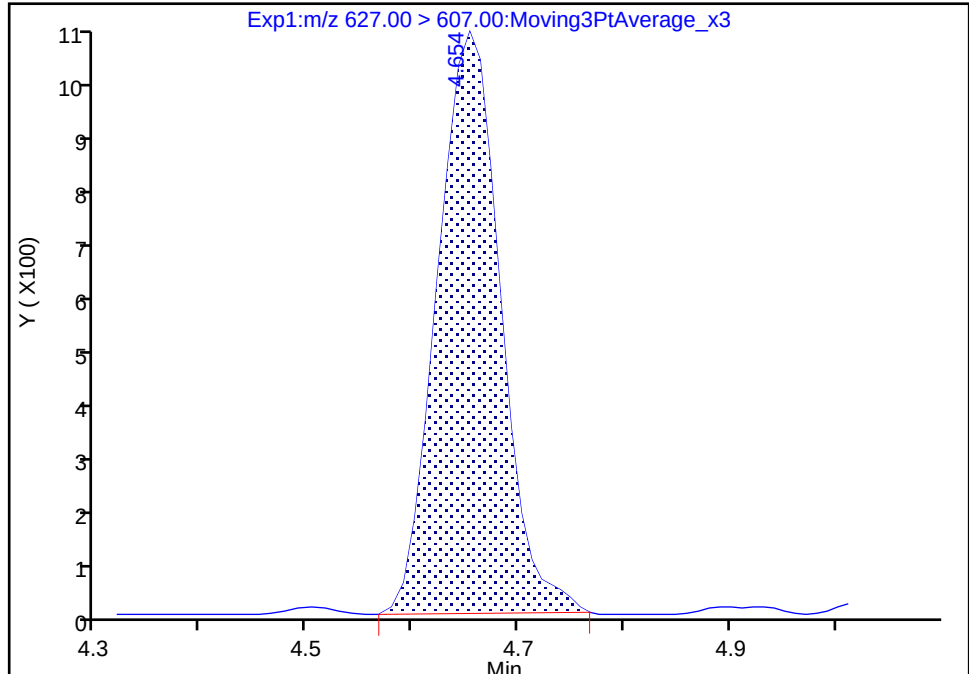
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A05.d
Injection Date: 04-Aug-2022 11:09:18 Instrument ID: LC812
Lims ID: CCVLIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

74 1H,1H,2H,2H-perfluorododecanesul, CAS: 120226-60-0

Signal: 1

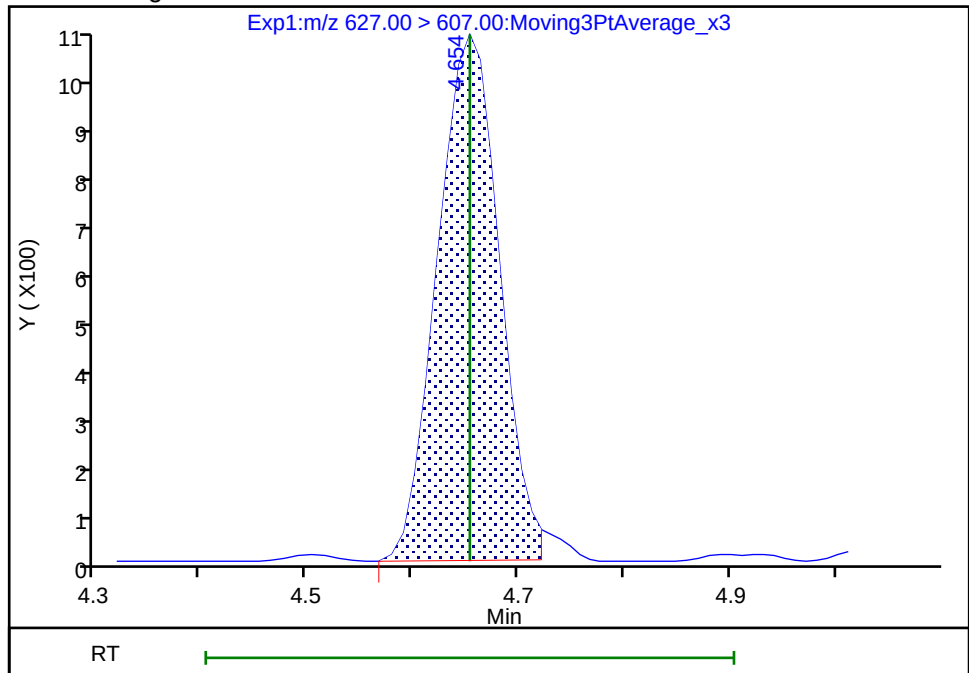
RT: 4.65
Area: 4554
Amount: 0.048759
Amount Units: ng/ml

Processing Integration Results



RT: 4.65
Area: 4464
Amount: 0.047795
Amount Units: ng/ml

Manual Integration Results



Reviewer: SJ4N, 04-Aug-2022 16:39:53
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

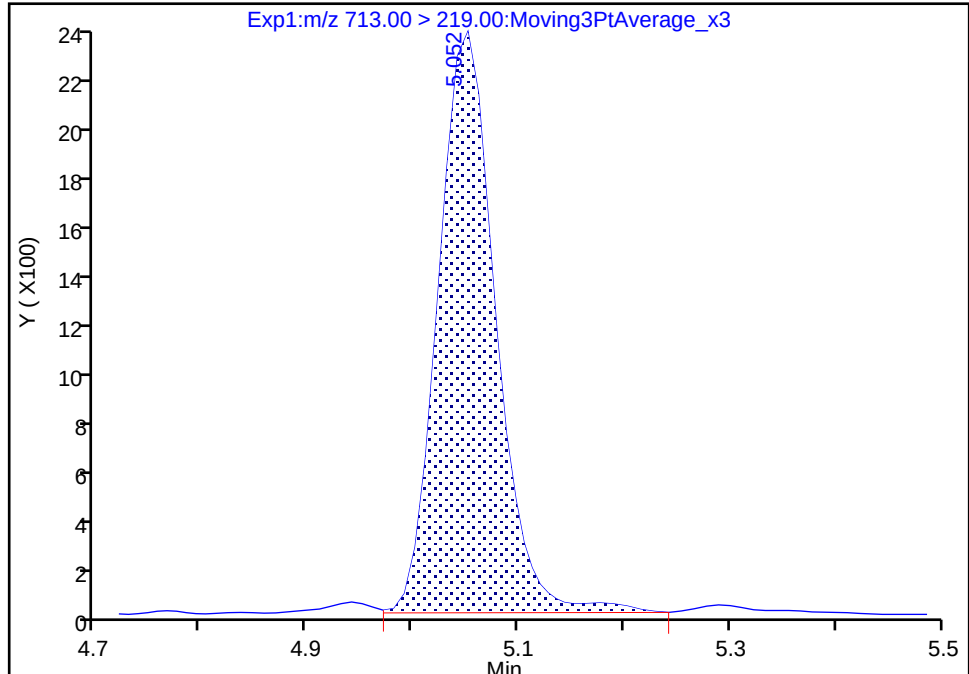
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A05.d
Injection Date: 04-Aug-2022 11:09:18 Instrument ID: LC812
Lims ID: CCVLIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

42 Perfluorotetradecanoic acid, CAS: 376-06-7

Signal: 2

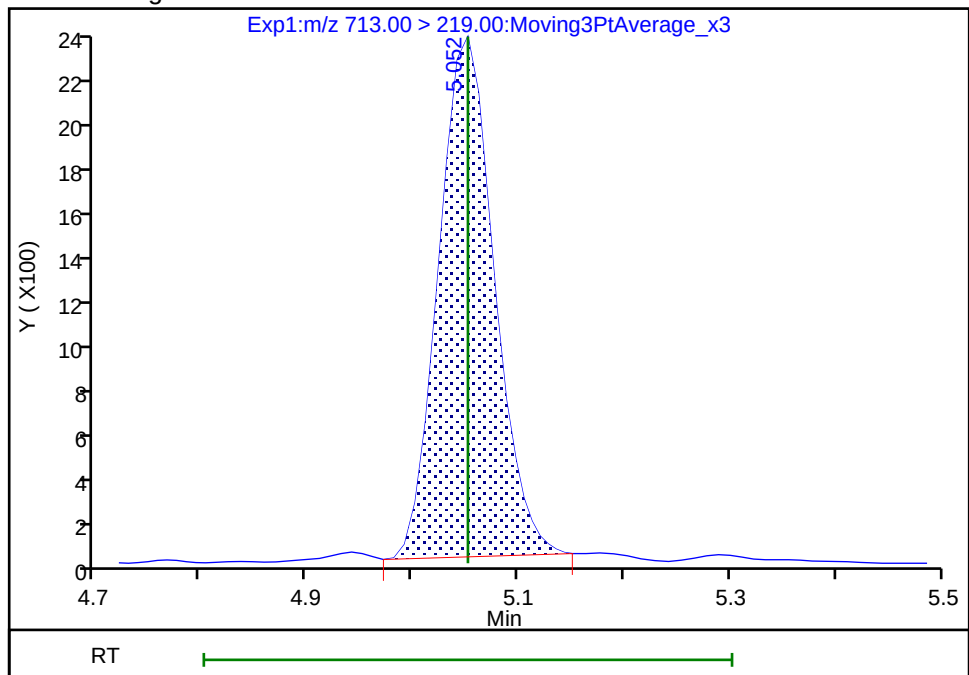
RT: 5.05
Area: 9045
Amount: 0.053056
Amount Units: ng/ml

Processing Integration Results



RT: 5.05
Area: 8655
Amount: 0.053652
Amount Units: ng/ml

Manual Integration Results



Reviewer: SJ4N, 04-Aug-2022 16:40:06
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

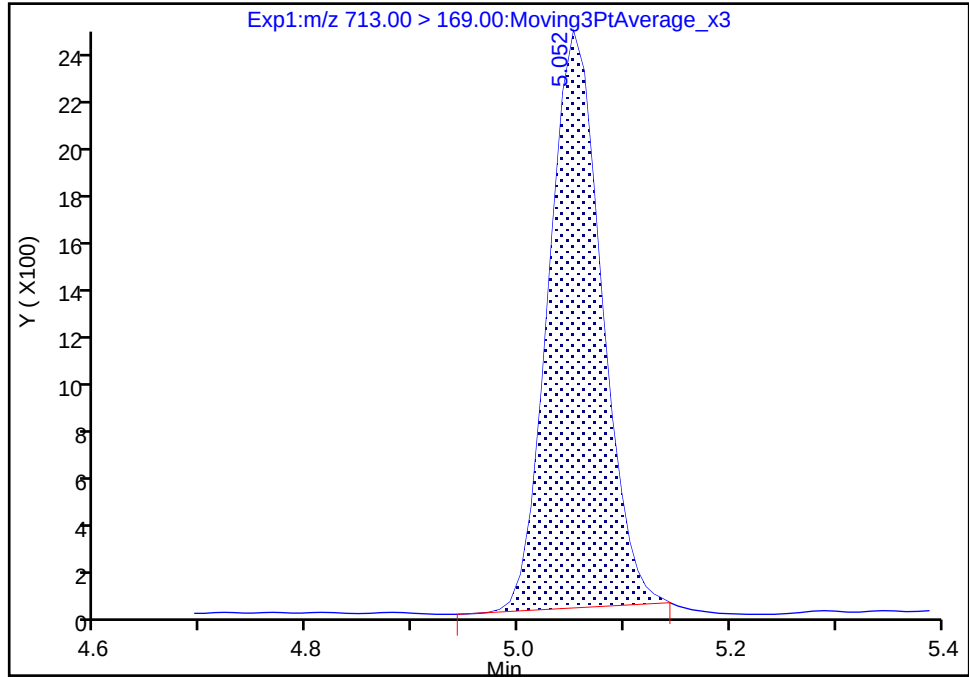
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A05.d
Injection Date: 04-Aug-2022 11:09:18 Instrument ID: LC812
Lims ID: CCVLIS
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 5
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

42 Perfluorotetradecanoic acid, CAS: 376-06-7

Signal: 1

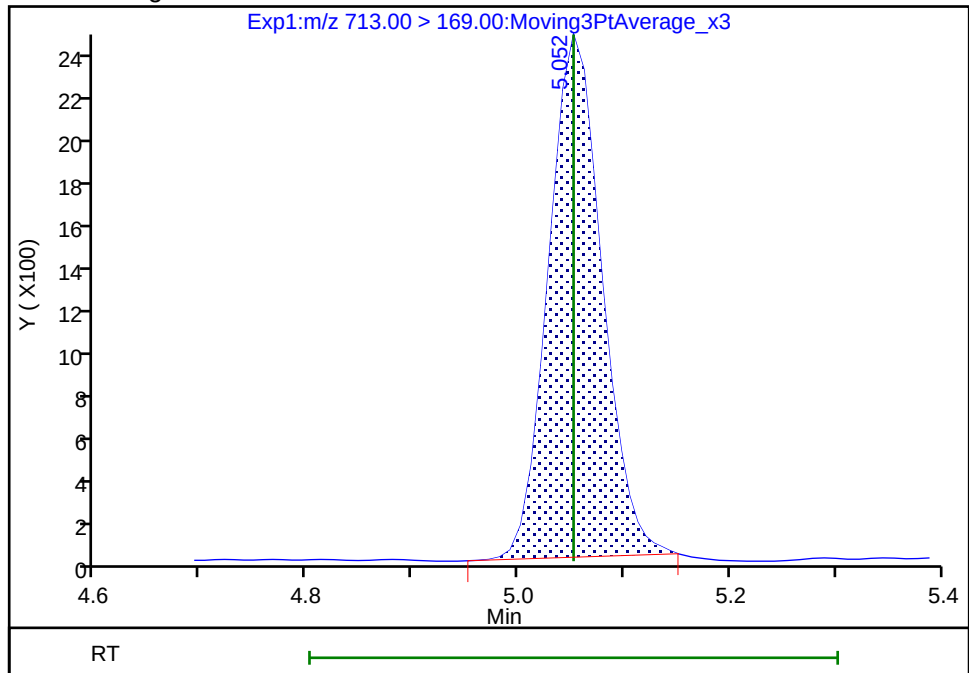
RT: 5.05
Area: 8286
Amount: 0.053056
Amount Units: ng/ml

Processing Integration Results



RT: 5.05
Area: 8379
Amount: 0.053652
Amount Units: ng/ml

Manual Integration Results



Reviewer: SJ4N, 04-Aug-2022 16:40:11

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM VII
PFAS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 460-262853-1

SDG No.: _____

Lab Sample ID: CCV 200-182390/1 Calibration Date: 08/04/2022 20:34

Instrument ID: LC812 Calib Start Date: 08/03/2022 13:00

GC Column: C-18 ID: 4.60 (mm) Calib End Date: 08/03/2022 13:41

Lab File ID: PA220804D01.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Perfluorobutanoic acid (PFBA)	AveID	0.9697	0.9203		0.949	1.00	-5.1	
Perfluoropentanoic acid (PFPeA)	AveID	1.031	1.010		0.979	1.00	-2.1	
Perfluorobutanesulfonic acid (PFBS)	AveID	1.104	1.092		0.875	0.884	-1.1	
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	AveID	2.377	2.425		0.953	0.934	2.0	
Perfluorohexanoic acid (PFHxA)	AveID	1.043	1.043		0.999	1.00	-0.0	
Perfluoropentanesulfonic acid (PFPeS)	AveID	1.297	1.213		0.877	0.938	-6.5	
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	AveID	1.075	0.9831		0.915	1.00	-8.5	
Perfluoroheptanoic acid (PFHpA)	AveID	1.031	1.004		0.974	1.00	-2.6	
Perfluorohexanesulfonic acid (PFHxS)	AveID	1.103	1.038		0.856	0.910	-5.9	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	AveID	4.119	4.111		0.940	0.942	-0.2	
6:2 FTS	L1ID		1.584		1.01	0.948	6.9	30.0
Perfluoroheptanesulfonic acid (PFHpS)	AveID	1.236	1.138		0.876	0.952	-8.0	
Perfluorooctanoic acid (PFOA)	AveID	1.121	1.102		0.983	1.00	-1.7	
Perfluorooctanesulfonic acid (PFOS)	L1ID		0.9709		0.887	0.928	-4.4	30.0
Perfluorononanoic acid (PFNA)	AveID	1.017	1.031		1.01	1.00	1.3	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O)	AveID	1.766	1.697		0.895	0.932	-3.9	
Perfluorononanesulfonic acid (PFNS)	AveID	0.7830	0.7015		0.860	0.960	-10.4	
Perfluorodecanoic acid (PFDA)	AveID	1.052	1.074		1.02	1.00	2.1	
8:2 FTS	AveID	0.9657	1.047		1.04	0.958	8.4	
Perfluorooctanesulfonamide (FOSA)	AveID	1.019	1.075		1.06	1.00	5.5	
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	AveID	0.8881	0.9246		1.04	1.00	4.1	
Perfluorodecanesulfonic acid (PFDS)	AveID	0.5827	0.5728		0.948	0.964	-1.7	
Perfluoroundecanoic acid (PFUnA)	AveID	1.059	1.069		1.01	1.00	0.9	
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	AveID	0.9079	0.8911		0.982	1.00	-1.8	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF)	AveID	2.299	2.193		0.898	0.942	-4.6	
Perfluorododecanoic acid (PFDoA)	AveID	1.014	0.9758		0.962	1.00	-3.8	
1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS)	AveID	0.4511	0.5030		1.08	0.964	11.5	
Perfluorododecanesulfonic acid (PFDoS)	AveID	0.2587	0.2481		0.928	0.968	-4.1	

FORM VII
PFAS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 460-262853-1

SDG No.: _____

Lab Sample ID: CCV 200-182390/1 Calibration Date: 08/04/2022 20:34

Instrument ID: LC812 Calib Start Date: 08/03/2022 13:00

GC Column: C-18 ID: 4.60 (mm) Calib End Date: 08/03/2022 13:41

Lab File ID: PA220804D01.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Perfluorotridecanoic acid (PFTrIA)	AveID	0.8791	0.8828		1.00	1.00	0.4	
Perfluorotetradecanoic acid (PFTeA)	AveID	0.1602	0.1559		0.973	1.00	-2.7	
Perfluoro-n-hexadecanoic acid (PFHxDA)	L1ID		0.9208		1.01	1.00	0.9	30.0
Perfluoro-n-octadecanoic acid (PFODA)	AveID	0.6649	0.7111		1.07	1.00	6.9	
13C4 PFBA	Ave	1.167	1.114		1.19	1.25	-4.5	
13C5 PFPeA	Ave	0.8976	0.9141		1.27	1.25	1.8	
13C3 PFBS	Ave	1.039	0.9936		1.11	1.16	-4.3	
M2-4:2 FTS	Ave	0.0894	0.0840		1.10	1.17	-6.0	
13C2 PFHxA	Ave	0.8962	0.8758		1.22	1.25	-2.3	
13C3 HFPO-DA	Ave	0.1687	0.1675		1.24	1.25	-0.7	
13C4 PFHpA	Ave	0.9296	0.9597		1.29	1.25	3.2	50.0
18O2 PFHxS	Ave	0.7305	0.7282		1.18	1.18	-0.3	50.0
M2-6:2 FTS	Ave	0.1223	0.1134		1.10	1.19	-7.3	
13C4 PFOA	Ave	0.9525	0.9444		1.24	1.25	-0.9	50.0
13C4 PFOS	Ave	0.5455	0.5403		1.18	1.20	-0.9	50.0
13C5 PFNA	Ave	0.9889	0.9905		1.25	1.25	0.2	50.0
13C2 PFDA	Ave	0.9624	0.9346		1.21	1.25	-2.9	
M2-8:2 FTS	Ave	0.1471	0.1402		1.14	1.20	-4.7	
13C8 FOSA	Ave	0.8423	0.7737		1.15	1.25	-8.1	
d3-NMeFOSAA	Ave	0.1290	0.1070		1.04	1.25	-17.1	
13C2 PFUnA	Ave	0.7292	0.7239		1.24	1.25	-0.7	
d5-NEtFOSAA	Ave	0.1221	0.1035		1.06	1.25	-15.2	
13C2 PFDoA	Ave	0.7556	0.7985		1.32	1.25	5.7	
13C2 PFTeDA	Ave	0.6177	0.6911		1.40	1.25	11.9	
13C2 PFHxDA	Ave	0.7037	0.6942		1.23	1.25	-1.3	

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
 Lims ID: CCV L4
 Client ID:
 Sample Type: CCV
 Inject. Date: 04-Aug-2022 20:34:04 ALS Bottle#: 1 Worklist Smp#: 1
 Injection Vol: 20.0 ul Dil. Factor: 1.0000
 Sample Info: CCV L4
 Misc. Info.: 200-0051964-001 Plate: 1 Rack: 4
 Operator ID: lc812tech Instrument ID: LC812
 Sublist: chrom-PFC_LC812*sub3
 Method: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PFC_LC812.m
 Limit Group: LC_PFC_ICAL
 Last Update: 08-Aug-2022 12:19:05 Calib Date: 03-Aug-2022 13:41:11
 Integrator: Picker
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
 Column 1 : C-18 (4.60 mm) Det: EXP1
 Process Host: CTX1679

First Level Reviewer: khanphomeea

Date: 05-Aug-2022 11:15:15

Ratio Calibration: Initial Calibration Level: 4

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										M
217.00 > 172.00	2.085	2.076	0.009	0.600	2224958	1.19		95.5	8584	M
2 Perfluorobutanoic acid										M
212.90 > 169.00	2.085	2.085	0.0	1.000	1638128	0.9491		94.9	170	M
D 3 13C5 PFPeA										
267.90 > 223.00	2.389	2.400	-0.011	0.687	1825359	1.27		102	3346	
4 Perfluoropentanoic acid										M
262.90 > 219.00	2.402	2.400	0.002	1.006	1474520	0.9794		97.9	56.6	M
D 47 13C3 PFBS										
301.90 > 80.00	2.415	2.413	0.002	0.695	1845357	1.11		95.7	275929	
5 Perfluorobutanesulfonic acid										M
298.90 > 80.00	2.415	2.413	0.002	1.000	1532391	0.8745	Target=2.23	98.9	1486	
298.90 > 99.00	2.415	2.413	0.002	1.000	707213		2.17(1.11-3.34)		478	M
D 60 M2-4:2 FTS										M
329.00 > 81.00	2.704	2.713	-0.009	0.778	156755	1.10		94.0	151	M
61 1H,1H,2H,2H-perfluorohexanesulfo										
327.00 > 307.00	2.704	2.713	-0.009	1.000	304144	0.9530		102	1928	
6 Perfluorohexanoic acid										M
313.00 > 269.00	2.740	2.750	-0.010	1.000	1459100	1.00	Target=12.24	99.9	288	M
313.00 > 119.00	2.740	2.750	-0.010	1.000	112887		12.93(6.12-18.36)		173	M
D 7 13C2 PFHxA										
315.00 > 270.00	2.740	2.750	-0.010	0.788	1748908	1.22		97.7	2987	
70 Perfluoropentanesulfonic acid										
349.00 > 80.00	2.752	2.750	0.002	0.884	1323480	0.8774	Target=2.95	93.5	1145	
349.00 > 99.00	2.752	2.750	0.002	0.884	453640		2.92(1.48-4.43)		674	
D 64 13C3 HFPO-DA										
287.00 > 169.00	2.850	2.859	-0.009	0.820	334406	1.24		99.3	1500	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
67 Perfluoro(2-propoxypropanoic) ac										
285.00 > 169.00	2.862	2.859	0.003	1.004	262995	0.9149		91.5	1218	
D 11 18O2 PFHxS										
403.00 > 84.00	3.112	3.110	0.002	0.895	1375690	1.18		99.7	3046	
8 Perfluorohexanesulfonic acid										M
399.00 > 80.00	3.112	3.110	0.002	1.000	1098742	0.8563	Target=3.43	94.1	956	M
399.00 > 99.00	3.112	3.110	0.002	1.000	328189		3.35(1.72-5.15)		402	M
D 9 13C4 PFHpA										
367.00 > 322.00	3.112	3.121	-0.009	0.895	1916527	1.29		103	4370	
10 Perfluoroheptanoic acid										M
363.00 > 319.00	3.112	3.121	-0.009	1.000	1538678	0.9738	Target=3.73	97.4	413	M
363.00 > 169.00	3.112	3.121	-0.009	1.000	410170		3.75(1.86-5.59)		672	
77 DONA										
377.00 > 251.00	3.157	3.154	0.003	0.832	3343016	0.9402	Target=2.84	99.8	2305	
377.00 > 85.00	3.157	3.154	0.003	0.832	1205747		2.77(1.42-4.26)		1409	
D 12 M2-6:2 FTS										M
429.00 > 81.00	3.467	3.465	0.002	0.997	215130	1.10		92.7	395	M
13 1H,1H,2H,2H-perfluorooctanesulfo										M
427.00 > 407.00	3.467	3.465	0.002	1.000	272024	1.01		107	393	M
16 Perfluoroheptanesulfonic acid										M
449.00 > 80.00	3.467	3.465	0.002	0.913	934984	0.8763	Target=4.89	92.0	1276	M
449.00 > 99.00	3.459	3.465	-0.006	0.911	182445		5.12(2.44-7.33)		655	M
15 Perfluorooctanoic acid										M
413.00 > 369.00	3.476	3.474	0.002	1.000	1662576	0.9826	Target=2.67	98.3	187	M
413.00 > 169.00	3.476	3.474	0.002	1.000	628399		2.65(1.34-4.01)		873	M
D 14 13C4 PFOA										M
417.00 > 372.00	3.476	3.474	0.002	1.000	1885961	1.24		99.1	2026	M
* 62 13C2 PFOA										M
415.00 > 370.00	3.476	3.474	0.002		1996974	1.25			1779	M
17 Perfluorooctanesulfonic acid										M
499.00 > 80.00	3.796	3.792	0.004	1.000	777819	0.8871	Target=4.88	95.6	429	M
499.00 > 99.00	3.796	3.792	0.004	1.000	168535		4.62(2.44-7.32)		486	M
D 18 13C4 PFOS										M
503.00 > 80.00	3.796	3.792	0.004	1.092	1031586	1.18		99.1	2401	M
20 Perfluorononanoic acid										M
463.00 > 419.00	3.816	3.812	0.004	1.000	1631203	1.01	Target=8.23	101	498	
463.00 > 169.00	3.816	3.812	0.004	1.000	207129		7.88(4.11-12.34)		1036	M
D 19 13C5 PFNA										
468.00 > 423.00	3.816	3.812	0.004	1.098	1977992	1.25		100	2849	
69 9-Chlorohexadecafluoro-3-oxanona										M
531.00 > 351.00	3.963	3.960	0.003	1.044	1365435	0.8954		96.1	2821	M
68 Perfluorononanesulfonic acid										M
549.00 > 80.00	4.096	4.093	0.003	1.079	581366	0.8601	Target=2.53	89.6	1715	M
549.00 > 99.00	4.096	4.093	0.003	1.079	229122		2.54(1.26-3.79)		676	M
24 Perfluorodecanoic acid										
513.00 > 469.00	4.118	4.116	0.002	1.000	1603027	1.02	Target=9.67	102	961	
513.00 > 169.00	4.118	4.116	0.002	1.000	168924		9.49(4.83-14.50)		1065	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 23 13C2 PFDA										M
515.00 > 470.00	4.118	4.116	0.002	1.185	1866445	1.21		97.1	1982	M
25 1H,1H,2H,2H-perfluorodecanesulfo										M
527.00 > 507.00	4.130	4.127	0.003	1.000	224572	1.04		108	1224	M
D 26 M2-8:2 FTS										
529.00 > 81.00	4.130	4.127	0.003	1.188	268207	1.14		95.3	909	
D 21 13C8 FOSA										M
506.00 > 78.00	4.164	4.161	0.003	1.198	1545099	1.15		91.9	1686	M
22 Perfluorooctanesulfonamide										M
498.00 > 78.00	4.164	4.161	0.003	1.000	1328632	1.05		105	1536	M
28 N-methylperfluorooctanesulfonami										
570.00 > 419.00	4.277	4.261	0.016	1.003	157984	1.04		104	544	
D 27 d3-NMeFOSAA										M
573.00 > 419.00	4.265	4.261	0.004	1.227	213581	1.04		82.9	423	M
29 Perfluorodecanesulfonic acid										M
599.00 > 80.00	4.369	4.365	0.003	1.151	476707	0.9478	Target=2.80	98.3	1341	M
599.00 > 99.00	4.369	4.365	0.003	1.151	187894		2.54(1.40-4.20)		877	M
D 30 13C2 PFUnA										M
565.00 > 520.00	4.402	4.387	0.015	1.266	1445654	1.24		99.3	1384	M
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.402	4.387	0.015	1.000	1236622	1.01	Target=9.07	101	938	
563.00 > 169.00	4.402	4.387	0.015	1.000	143313		8.63(4.54-13.61)		1096	
33 N-ethylperfluorooctanesulfonamid										M
584.00 > 419.00	4.414	4.399	0.015	1.000	147337	0.9815		98.2	323	M
D 32 d5-NEtFOSAA										M
589.00 > 419.00	4.414	4.399	0.015	1.270	206672	1.06		84.8	741	M
66 11-Chloroeicosafuoro-3-oxaundec										M
631.00 > 451.00	4.507	4.491	0.016	1.187	1783057	0.8984		95.4	1512	M
D 36 13C2 PFDaA										M
615.00 > 570.00	4.645	4.633	0.012	1.336	1594496	1.32		106	1650	M
37 Perfluorododecanoic acid										M
613.00 > 569.00	4.645	4.633	0.012	1.000	1244780	0.9622	Target=6.97	96.2	174	M
613.00 > 169.00	4.645	4.633	0.012	1.000	193405		6.44(3.48-10.45)		772	M
74 1H,1H,2H,2H-perfluorododecanesul										M
627.00 > 607.00	4.665	4.654	0.011	1.130	108599	1.07		111	917	M
75 Perfluorododecanesulfonic acid (										M
699.00 > 80.00	4.826	4.813	0.013	1.271	207292	0.9282	Target=0.52	95.9	1204	M
699.00 > 99.00	4.826	4.813	0.013	1.271	375441		0.55(0.26-0.79)		1170	M
41 Perfluorotridecanoic acid										M
663.00 > 619.00	4.871	4.859	0.012	1.049	1126076	1.00	Target=4.56	100	216	M
663.00 > 169.00	4.871	4.859	0.012	1.049	245455		4.59(2.28-6.84)		708	M
D 43 13C2 PFTeDA										M
715.00 > 670.00	5.072	5.052	0.020	1.459	1380069	1.40		112	2060	M
42 Perfluorotetradecanoic acid										M
713.00 > 169.00	5.072	5.052	0.020	1.000	172118	0.9731	Target=0.94	97.3	745	M
713.00 > 219.00	5.072	5.052	0.020	1.000	183933		0.94(0.47-1.41)		603	M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
45 Perfluorohexadecanoic acid										M
813.00 > 769.00	5.456	5.422	0.034	1.000	1021274	1.01	Target=4.38	101	220	M
813.00 > 169.00	5.456	5.422	0.034	1.000	231673		4.41(2.19-6.57)		1138	M
D 44 13C2 PFHxDA										
815.00 > 770.00	5.456	5.422	0.034	1.570	1386330	1.23		98.7	3563	
46 Perfluorooctadecanoic acid										M
913.00 > 869.00	5.845	5.795	0.050	1.071	788615	1.07	Target=4.31	107	191	M
913.00 > 169.00	5.845	5.795	0.050	1.071	182751		4.32(2.16-6.47)		686	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

PFAS32NCIC4_00033

Amount Added: 100.00

Units: uL

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d

Injection Date: 04-Aug-2022 20:34:04

Instrument ID: LC812

Lims ID: CCV L4

Client ID:

Operator ID: lc812tech

ALS Bottle#: 1

Worklist Smp#: 1

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

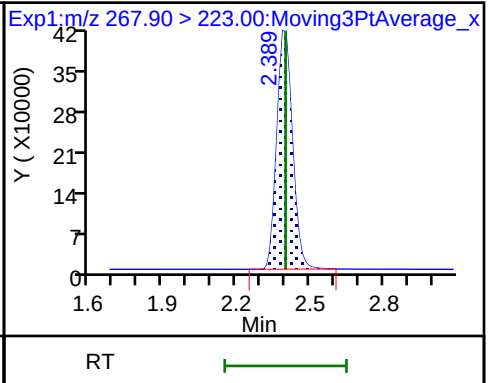
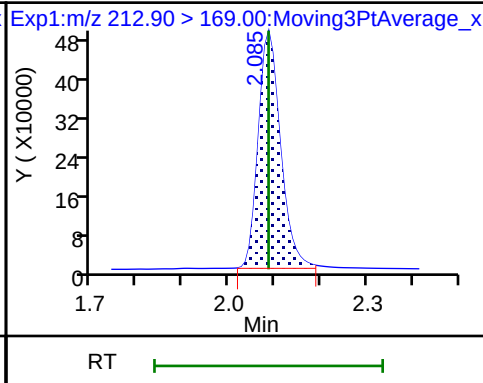
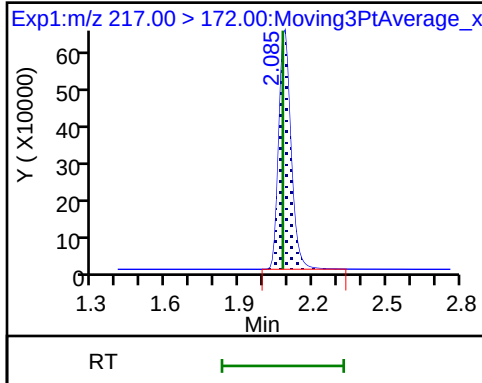
Method: PFC_LC812

Limit Group: LC_PFC_ICAL

D 1 13C4 PFBA (M)

2 Perfluorobutanoic acid (M)

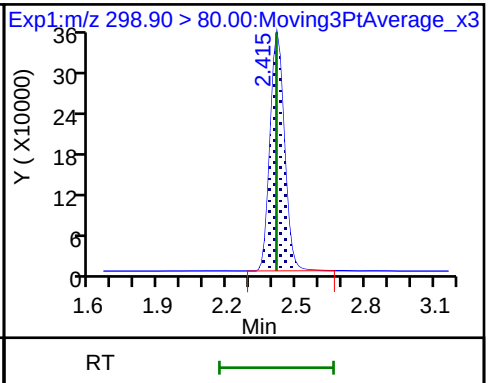
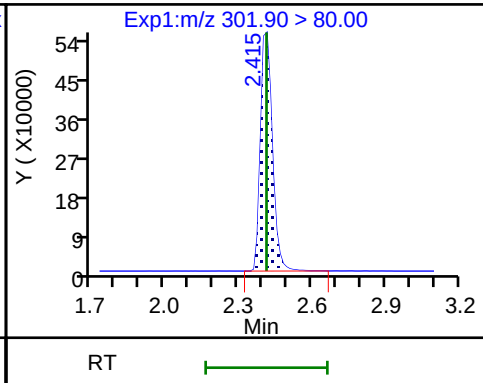
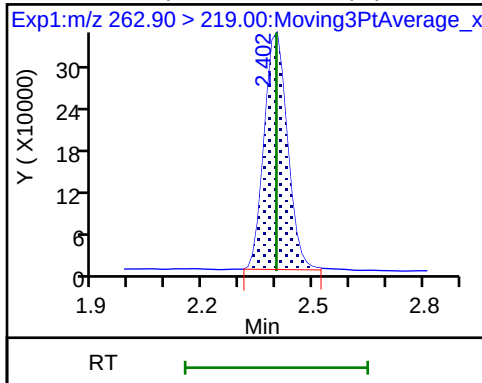
D 3 13C5 PFPeA



4 Perfluoropentanoic acid (M)

D 47 13C3 PFBS

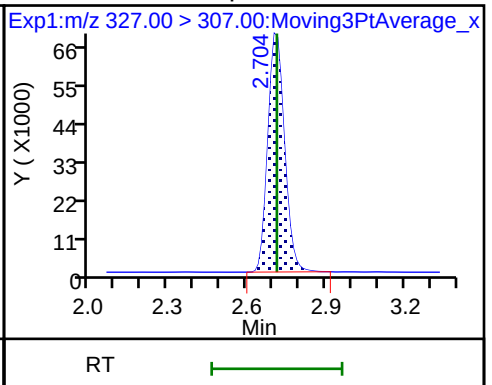
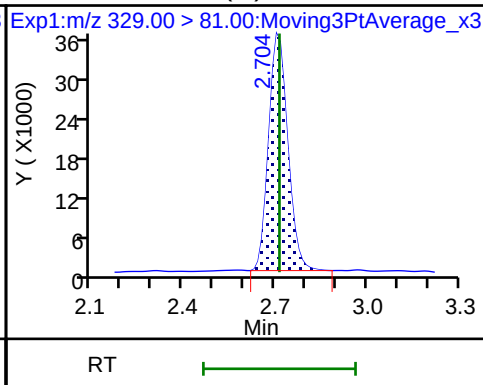
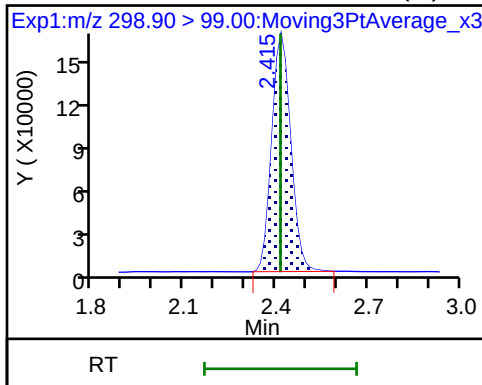
5 Perfluorobutanesulfonic acid



5 Perfluorobutanesulfonic acid (M)

D 60 M2-4:2 FTS (M)

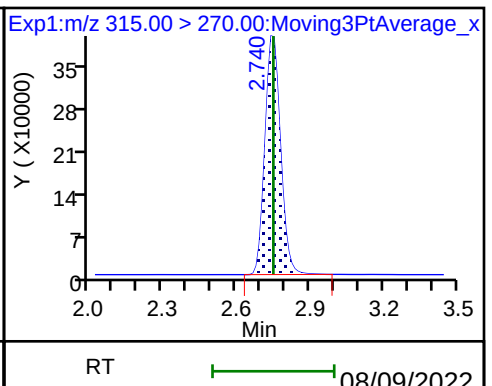
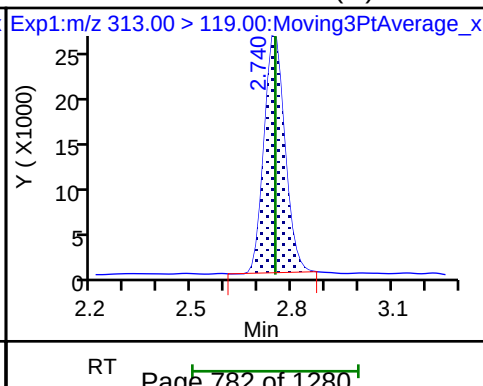
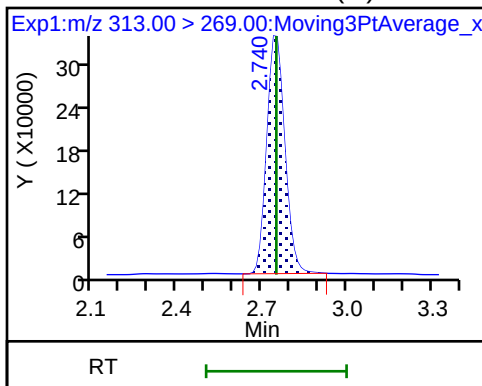
61 1H,1H,2H,2H-perfluorohexanesulfo

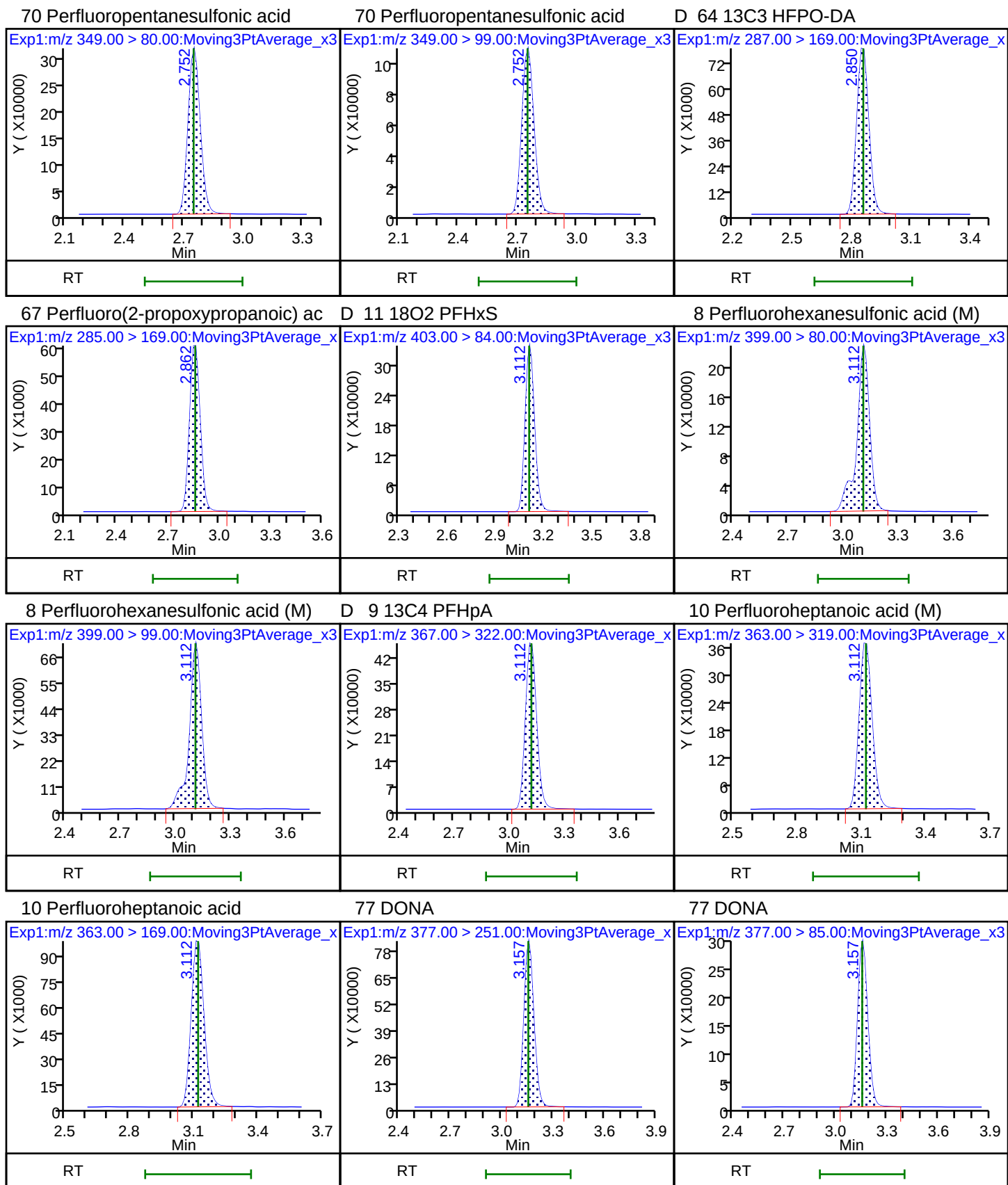


6 Perfluorohexanoic acid (M)

6 Perfluorohexanoic acid (M)

D 7 13C2 PFHxA





D 12 M2-6:2 FTS (M)

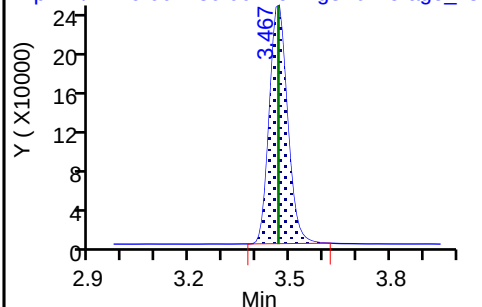
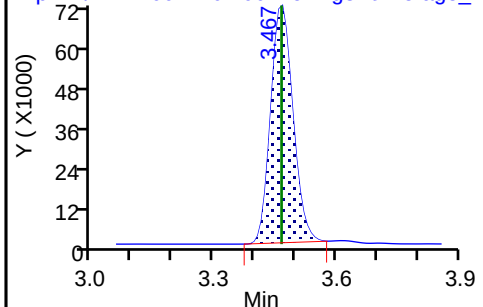
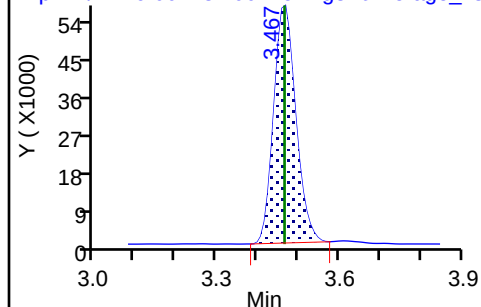
13 1H,1H,2H,2H-perfluorooctanesulfo (M)

16 Perfluoroheptanesulfonic acid (M)

Exp1:m/z 429.00 > 81.00:Moving3PtAverage_x3

Exp1:m/z 427.00 > 407.00:Moving3PtAverage_x3

Exp1:m/z 449.00 > 80.00:Moving3PtAverage_x3



16 Perfluoroheptanesulfonic acid (M)

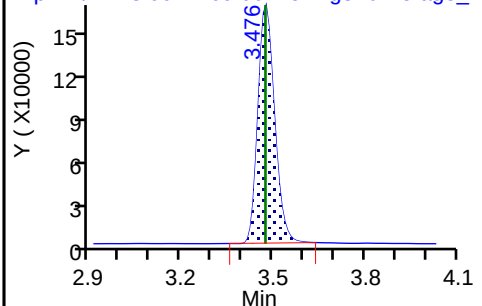
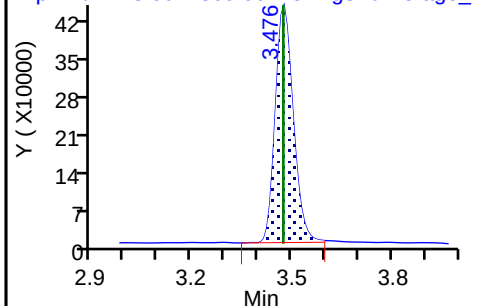
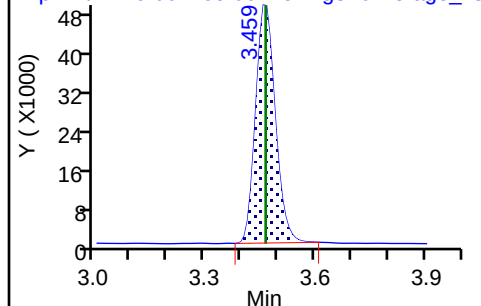
15 Perfluorooctanoic acid (M)

15 Perfluorooctanoic acid (M)

Exp1:m/z 449.00 > 99.00:Moving3PtAverage_x3

Exp1:m/z 413.00 > 369.00:Moving3PtAverage_x3

Exp1:m/z 413.00 > 169.00:Moving3PtAverage_x3



D 14 13C4 PFOA (M)

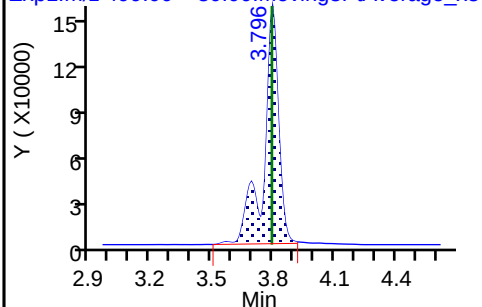
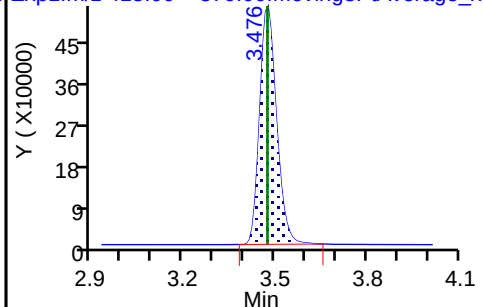
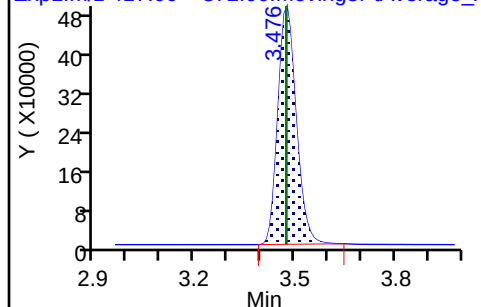
* 62 13C2 PFOA (M)

17 Perfluorooctanesulfonic acid (M)

Exp1:m/z 417.00 > 372.00:Moving3PtAverage_x3

Exp1:m/z 415.00 > 370.00:Moving3PtAverage_x3

Exp1:m/z 499.00 > 80.00:Moving3PtAverage_x3



17 Perfluorooctanesulfonic acid (M)

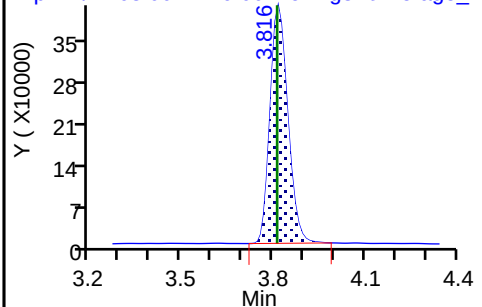
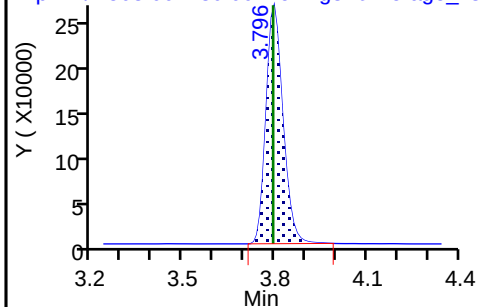
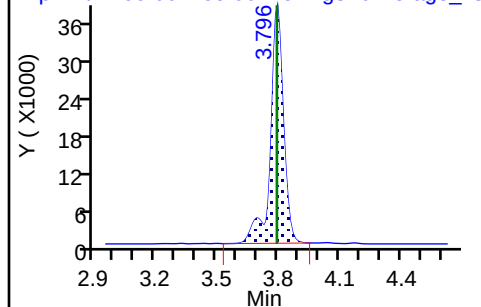
D 18 13C4 PFOS (M)

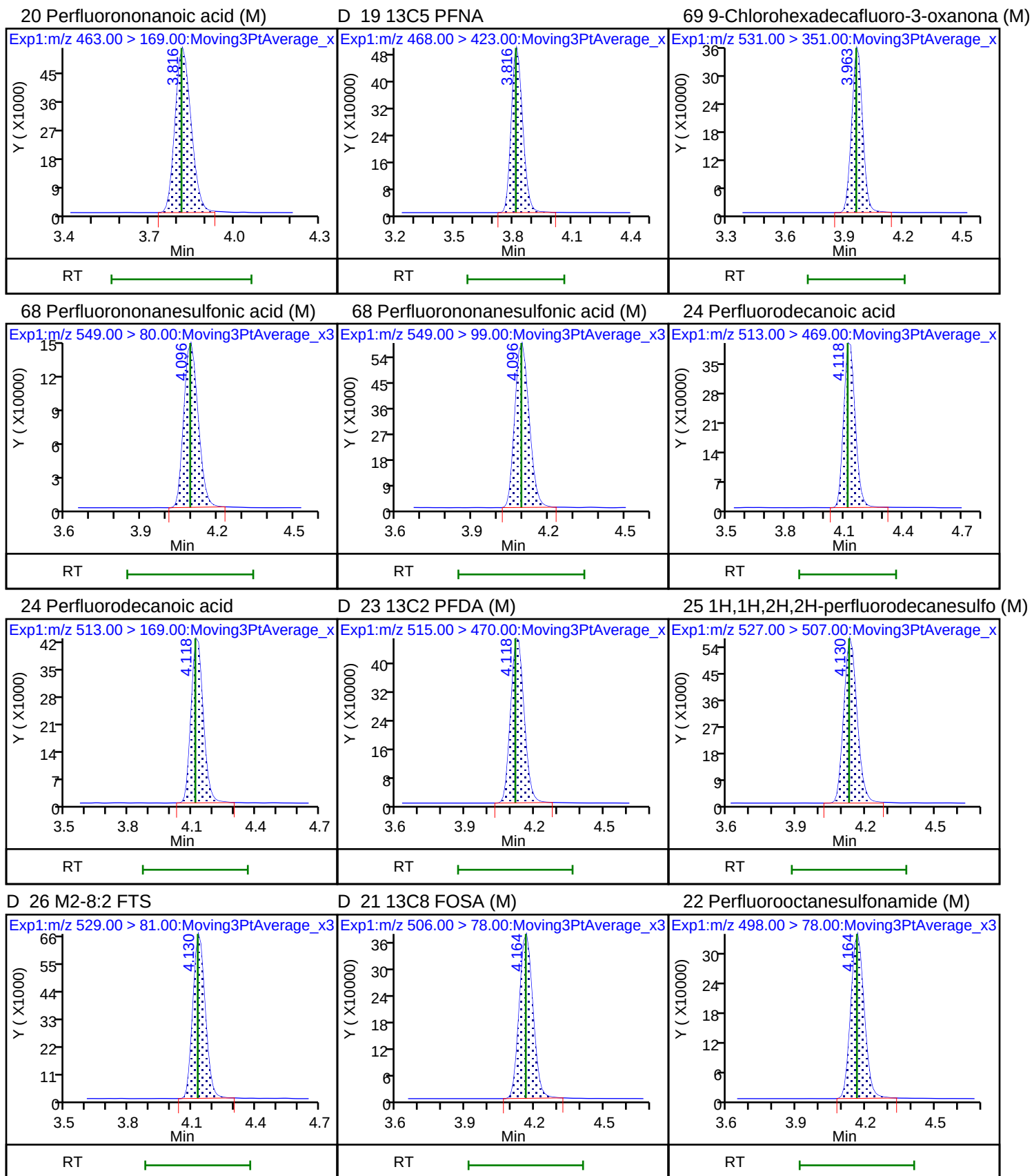
20 Perfluorononanoic acid

Exp1:m/z 499.00 > 99.00:Moving3PtAverage_x3

Exp1:m/z 503.00 > 80.00:Moving3PtAverage_x3

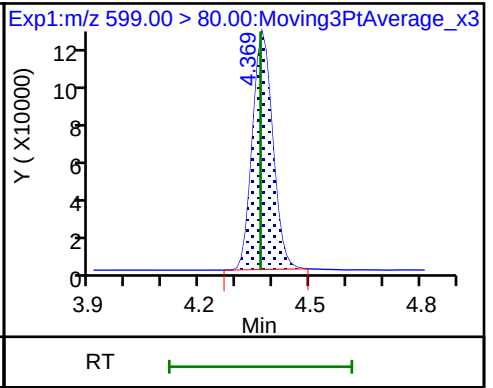
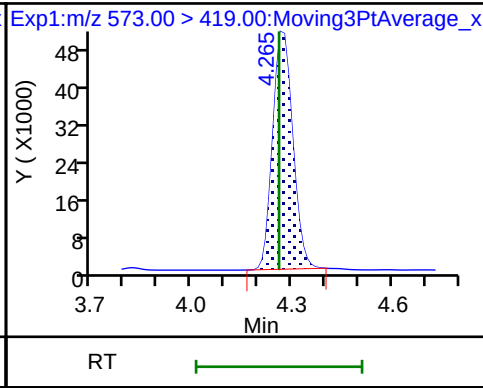
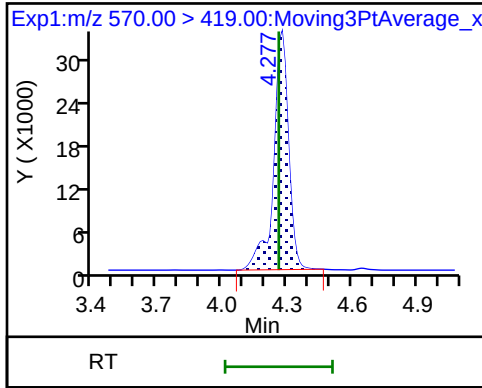
Exp1:m/z 463.00 > 419.00:Moving3PtAverage_x3





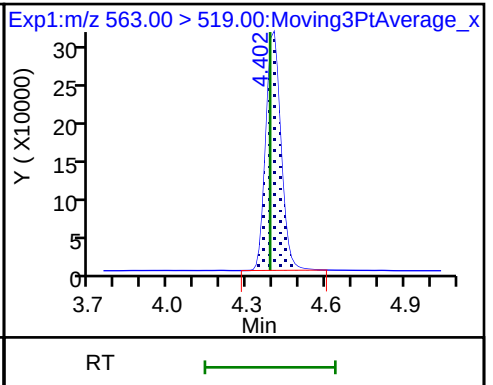
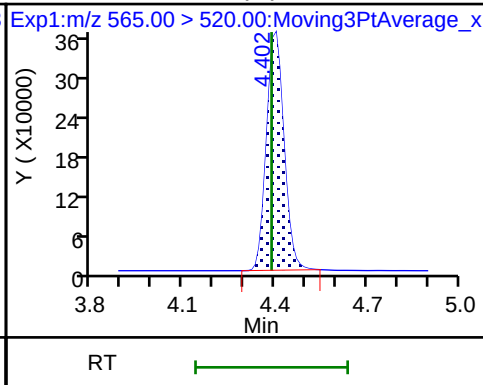
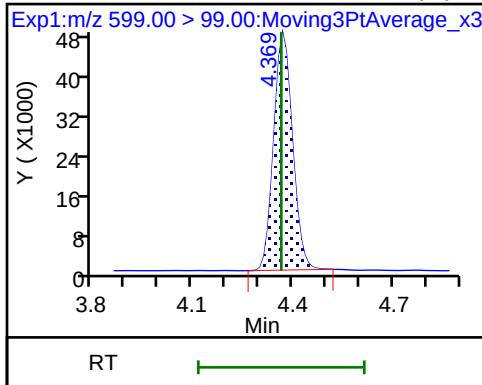
28 N-methylperfluorooctanesulfonami D 27 d3-NMeFOSAA (M)

29 Perfluorodecanesulfonic acid (M)



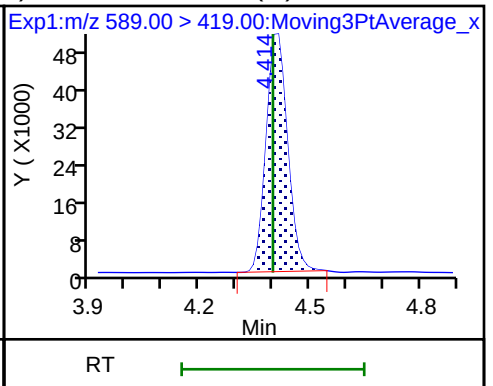
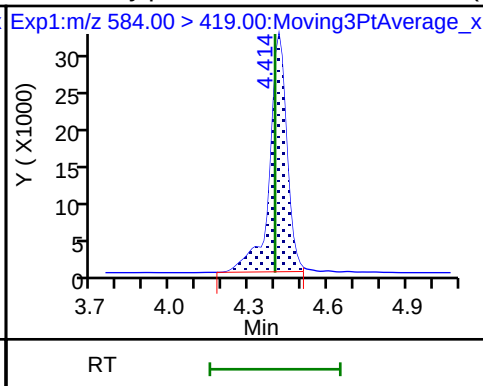
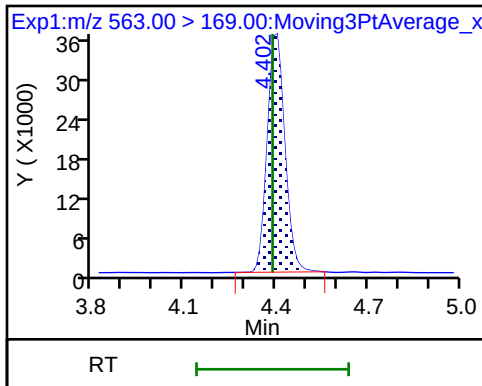
29 Perfluorodecanesulfonic acid (M) D 30 13C2 PFUnA (M)

31 Perfluoroundecanoic acid



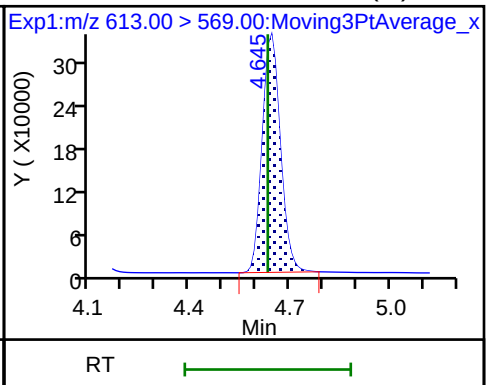
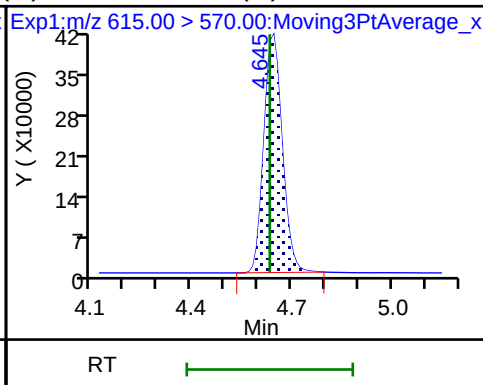
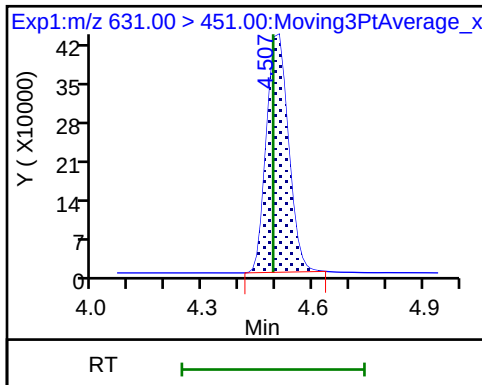
31 Perfluoroundecanoic acid

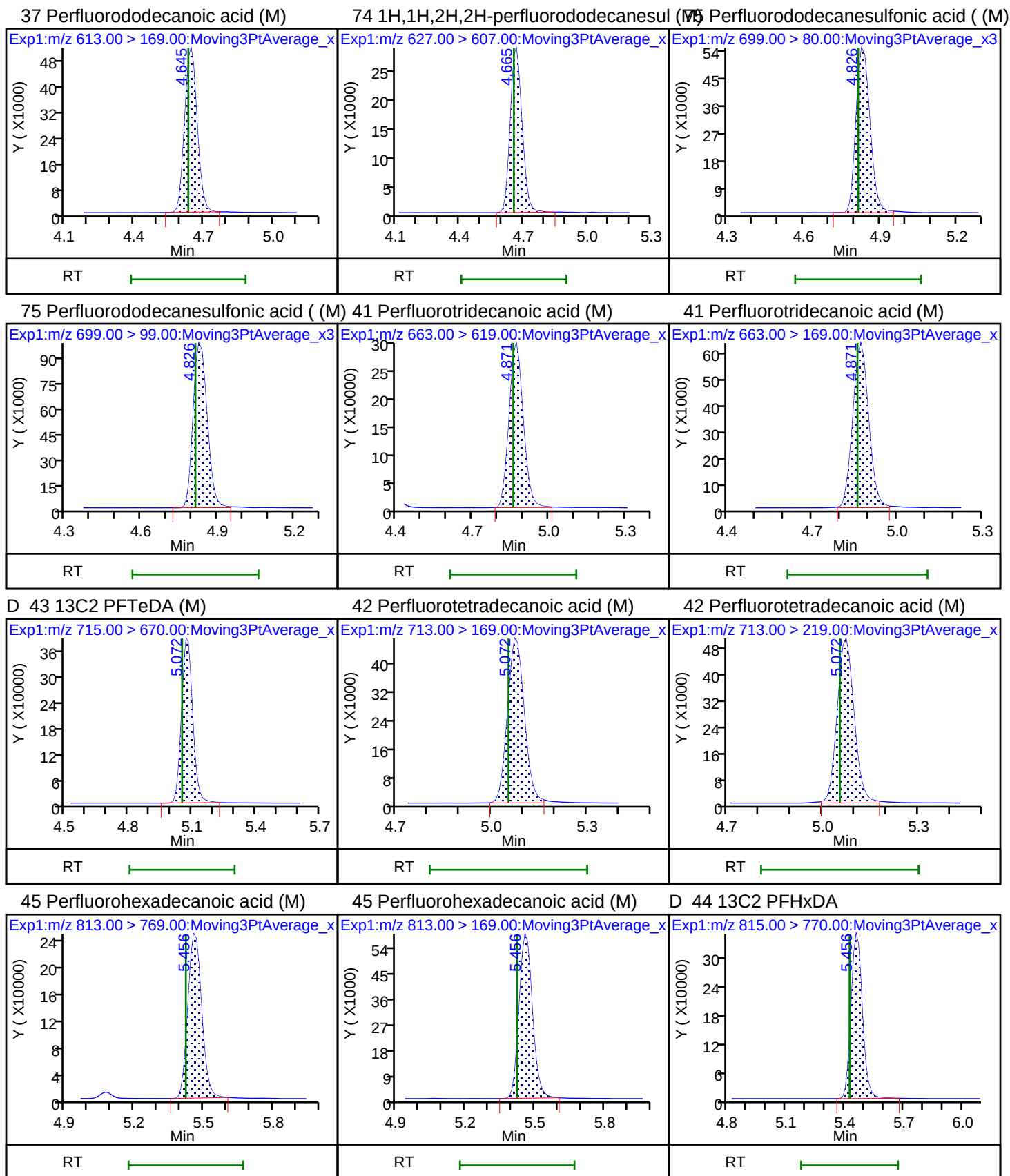
33 N-ethylperfluorooctanesulfonamid (M) 32 d5-NEtFOSAA (M)



66 11-Chloroeicosafluoro-3-oxaundec (M) 36 13C2 PFDa (M)

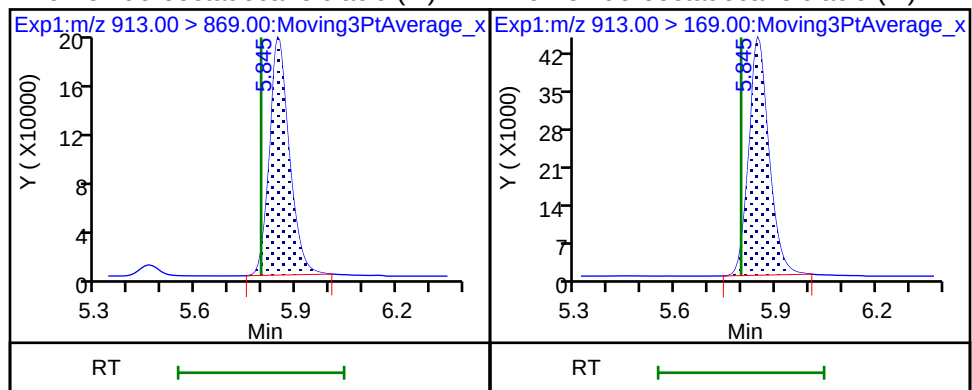
37 Perfluorododecanoic acid (M)





46 Perfluorooctadecanoic acid (M)

46 Perfluorooctadecanoic acid (M)



Eurofins Burlington

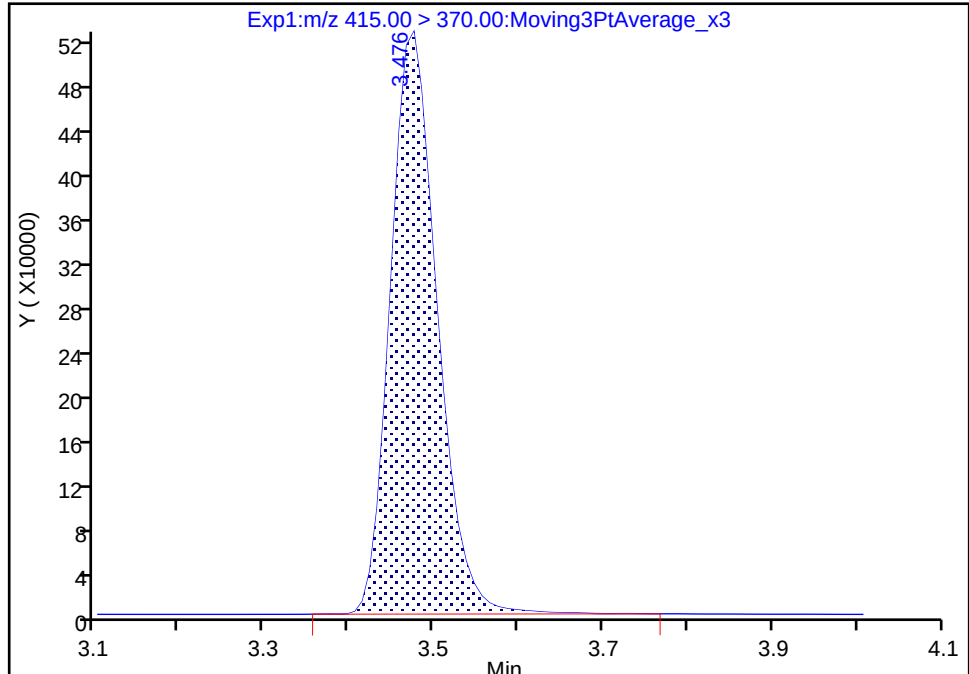
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Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

* 62 13C2 PFOA, CAS: STL00623

Signal: 1

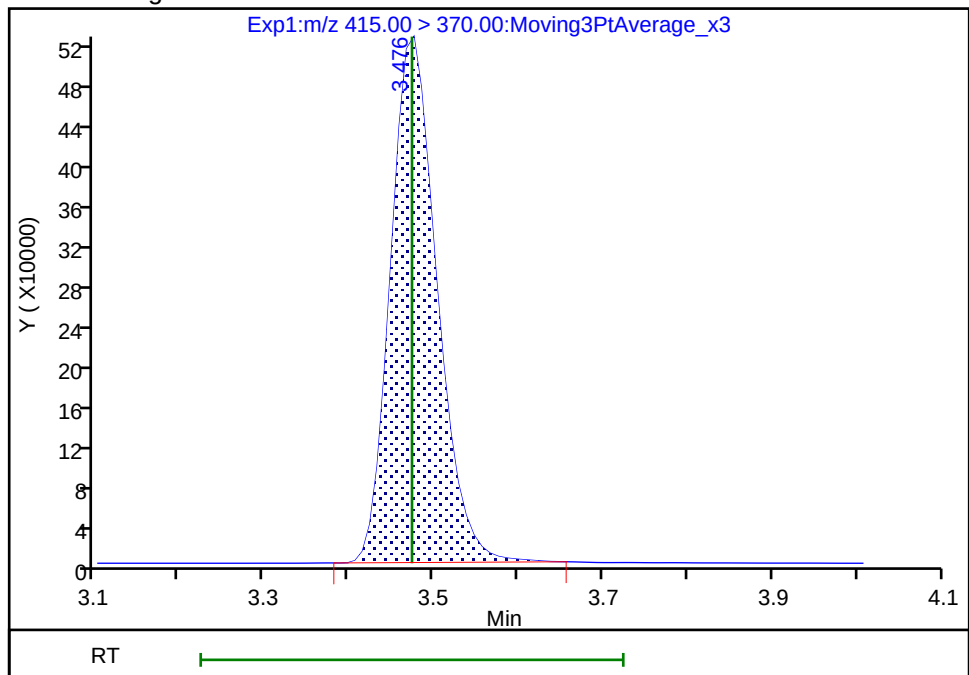
RT: 3.48
Area: 2008987
Amount: 1.250000
Amount Units: ng/ml

Processing Integration Results



RT: 3.48
Area: 1996974
Amount: 1.250000
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:31:08
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

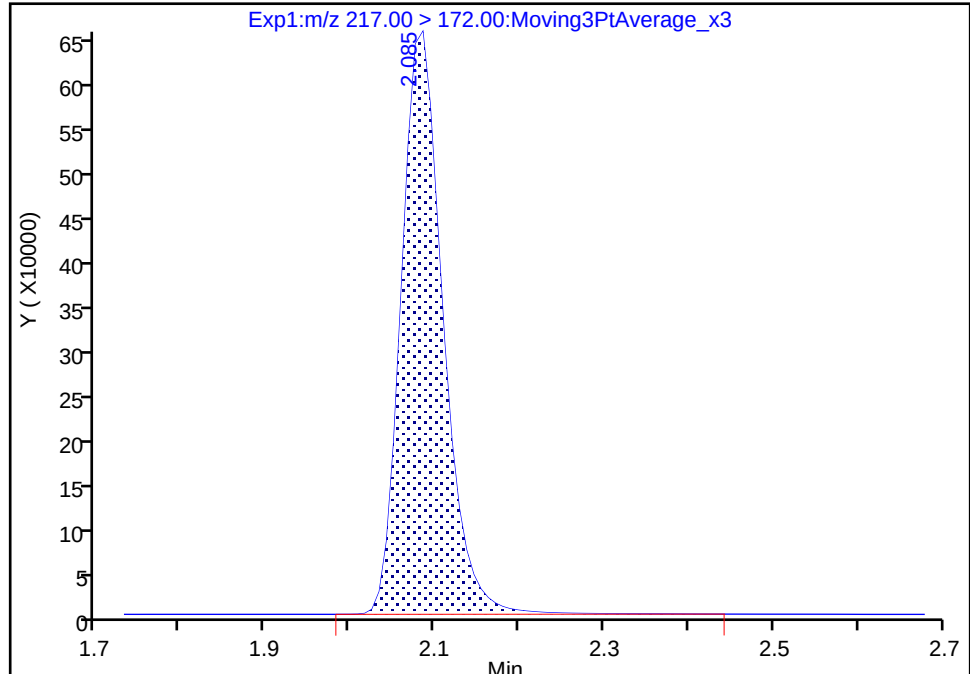
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Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 1 13C4 PFBA, CAS: STL00992

Signal: 1

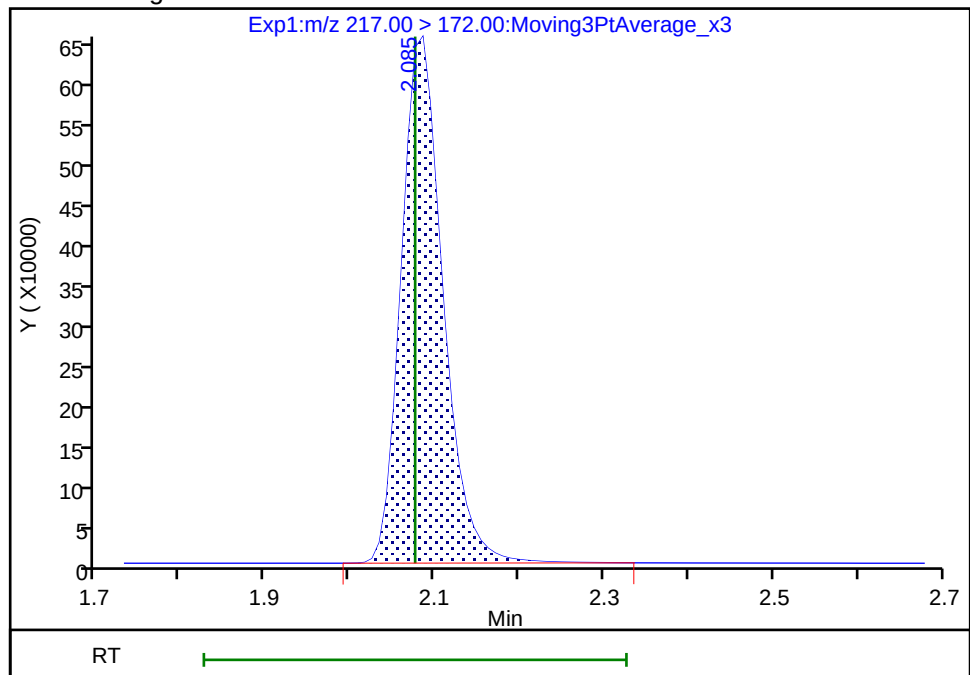
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Amount: 1.188187
Amount Units: ng/ml

Processing Integration Results



RT: 2.09
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Amount: 1.193361
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:44:47
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d

Injection Date: 04-Aug-2022 20:34:04

Instrument ID: LC812

Lims ID: CCV L4

Client ID:

Operator ID: lc812tech

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

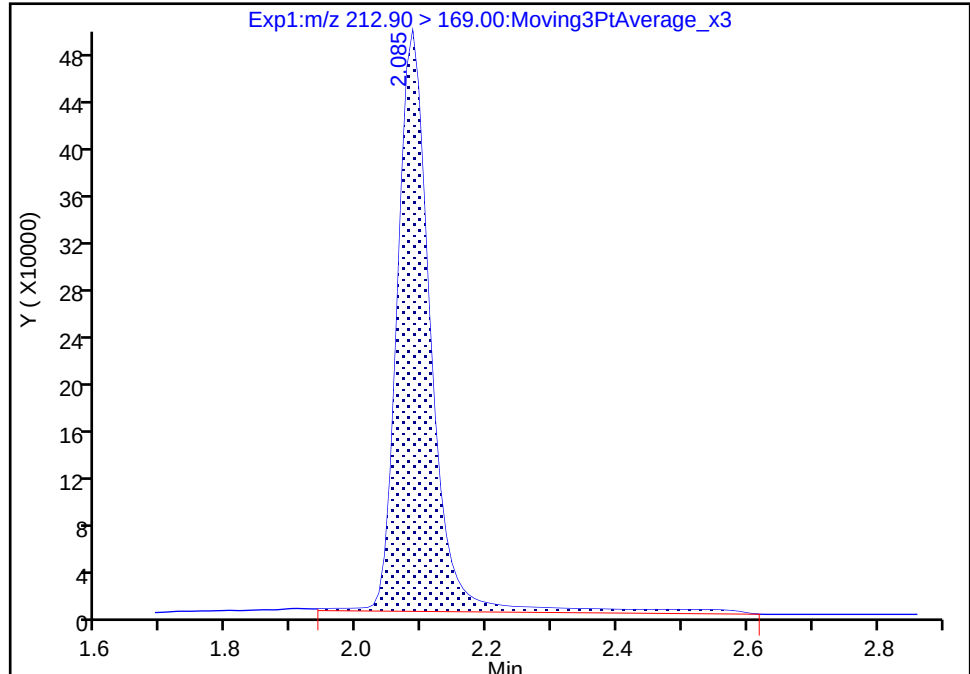
Detector: EXP1

2 Perfluorobutanoic acid, CAS: 375-22-4

Signal: 1

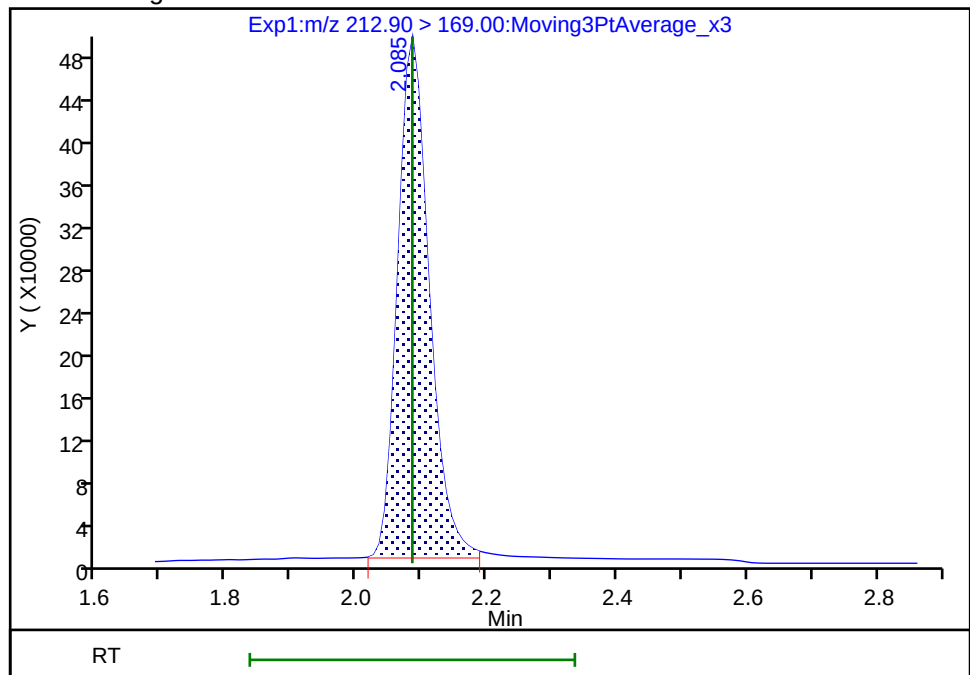
RT: 2.09
Area: 1763744
Amount: 1.020171
Amount Units: ng/ml

Processing Integration Results



RT: 2.09
Area: 1638128
Amount: 0.949080
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:10:39

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

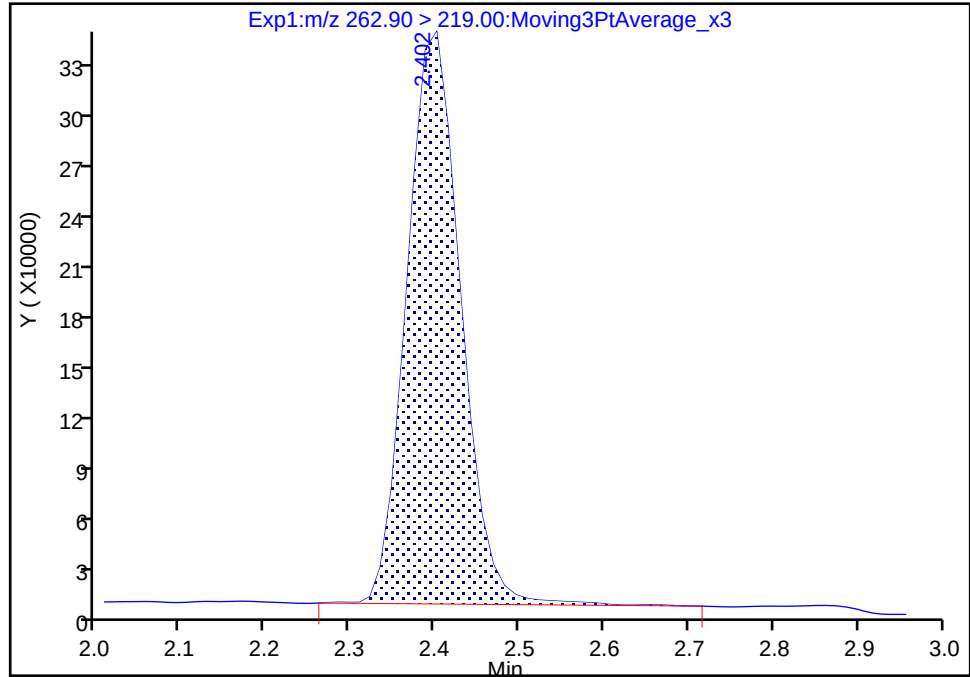
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

4 Perfluoropentanoic acid, CAS: 2706-90-3

Signal: 1

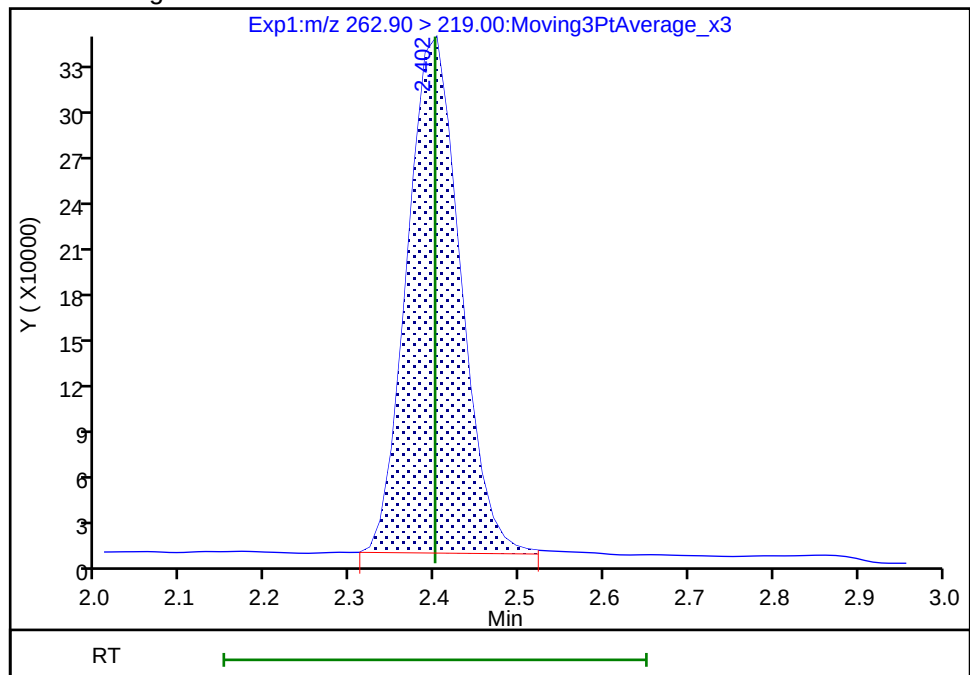
RT: 2.40
Area: 1492826
Amount: 0.991604
Amount Units: ng/ml

Processing Integration Results



RT: 2.40
Area: 1474520
Amount: 0.979445
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:10:56

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

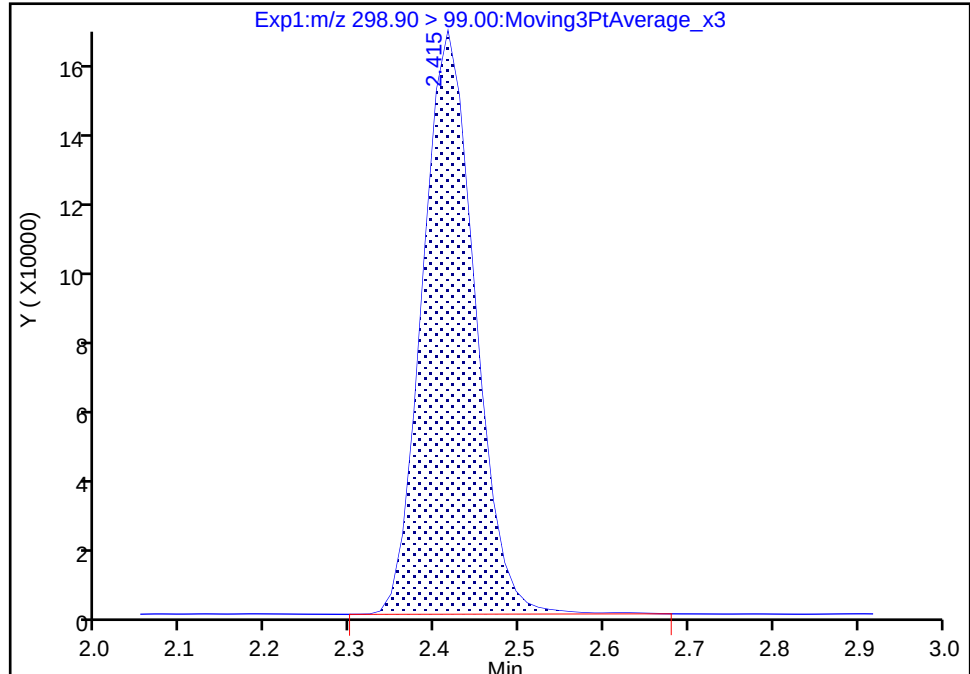
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

5 Perfluorobutanesulfonic acid, CAS: 375-73-5

Signal: 2

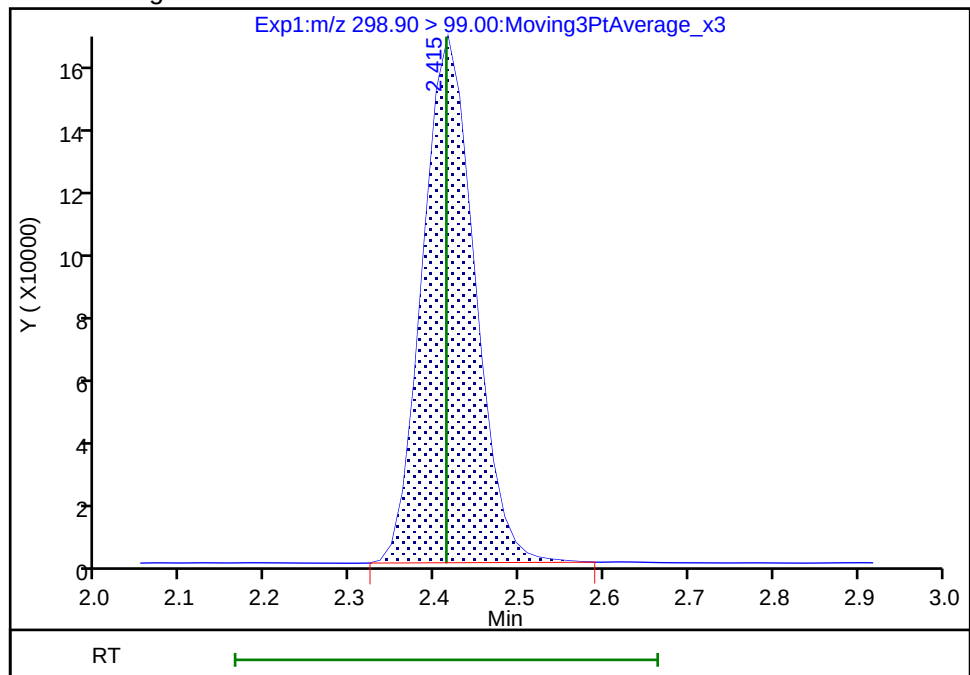
RT: 2.42
Area: 710267
Amount: 0.874530
Amount Units: ng/ml

Processing Integration Results



RT: 2.42
Area: 707213
Amount: 0.874530
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:11:06
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

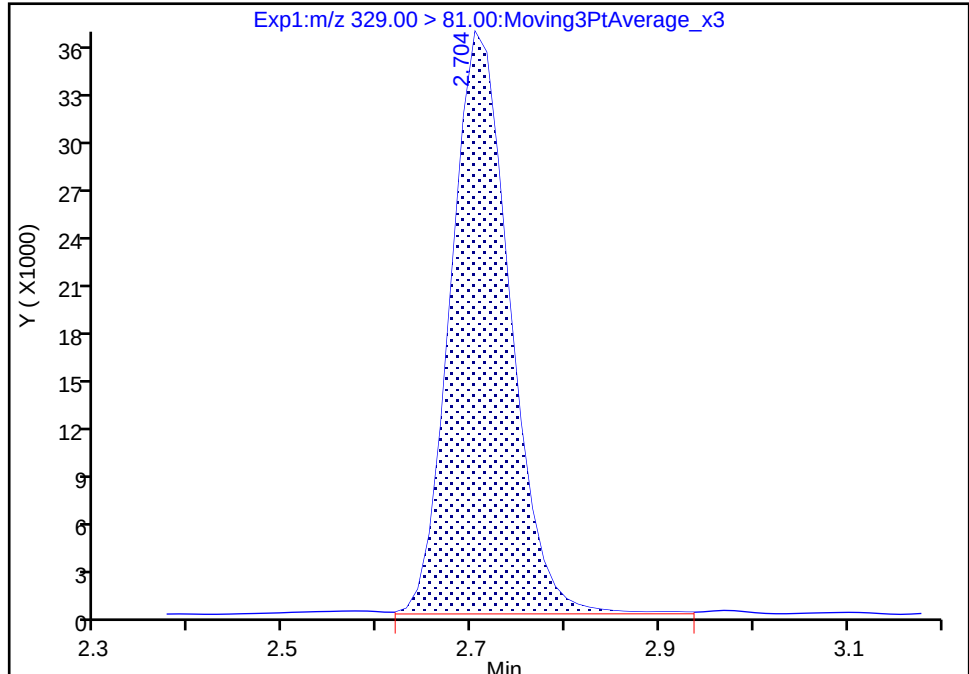
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 60 M2-4:2 FTS, CAS: STL02395

Signal: 1

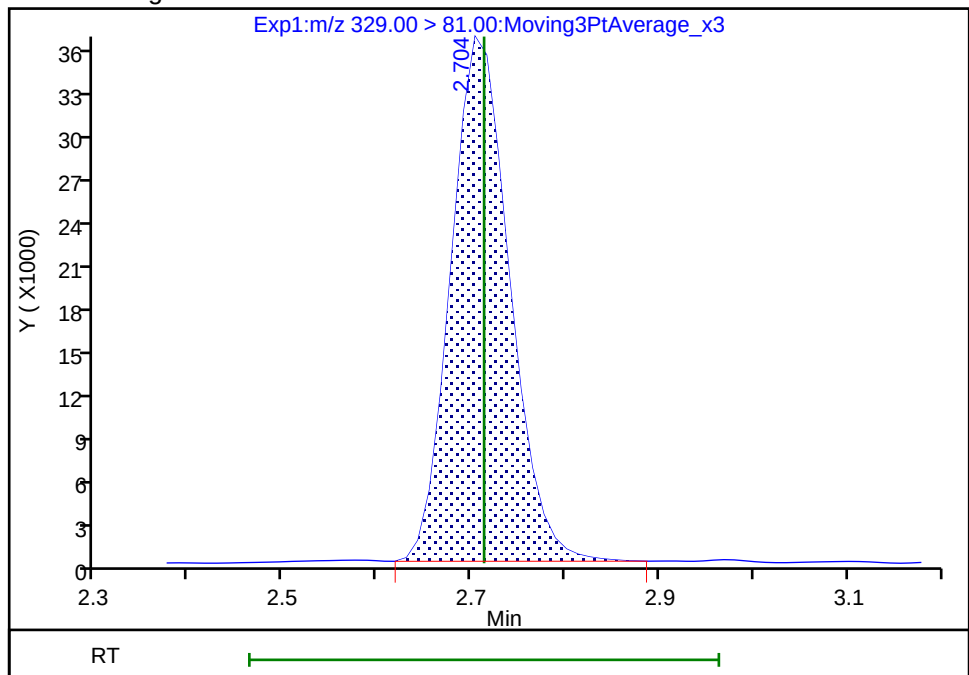
RT: 2.70
Area: 158816
Amount: 1.105106
Amount Units: ng/ml

Processing Integration Results



RT: 2.70
Area: 156755
Amount: 1.097326
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:09:41

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

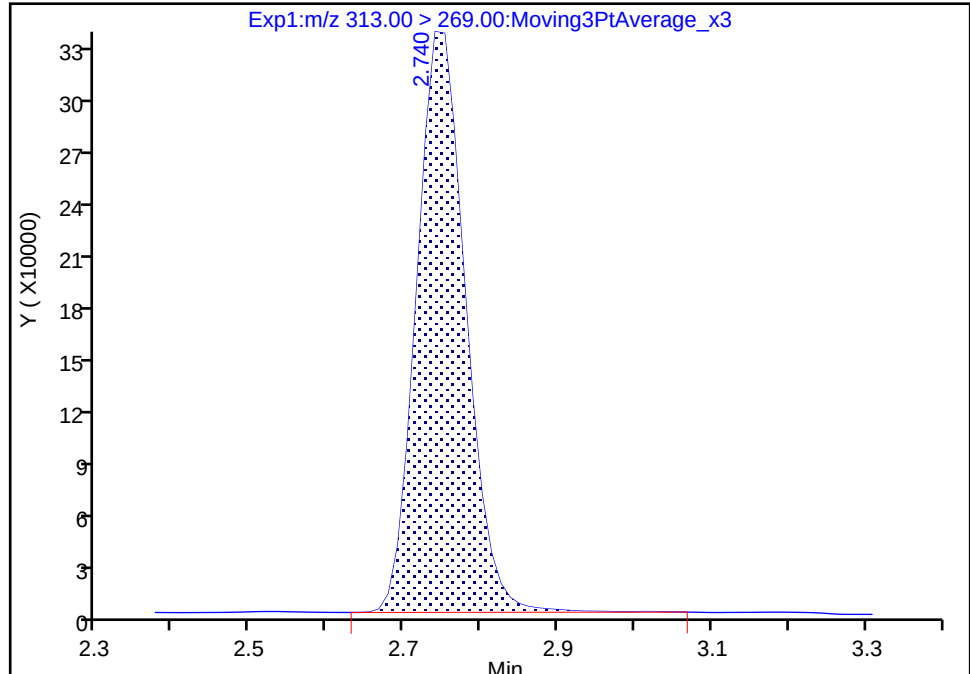
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

6 Perfluorohexanoic acid, CAS: 307-24-4

Signal: 1

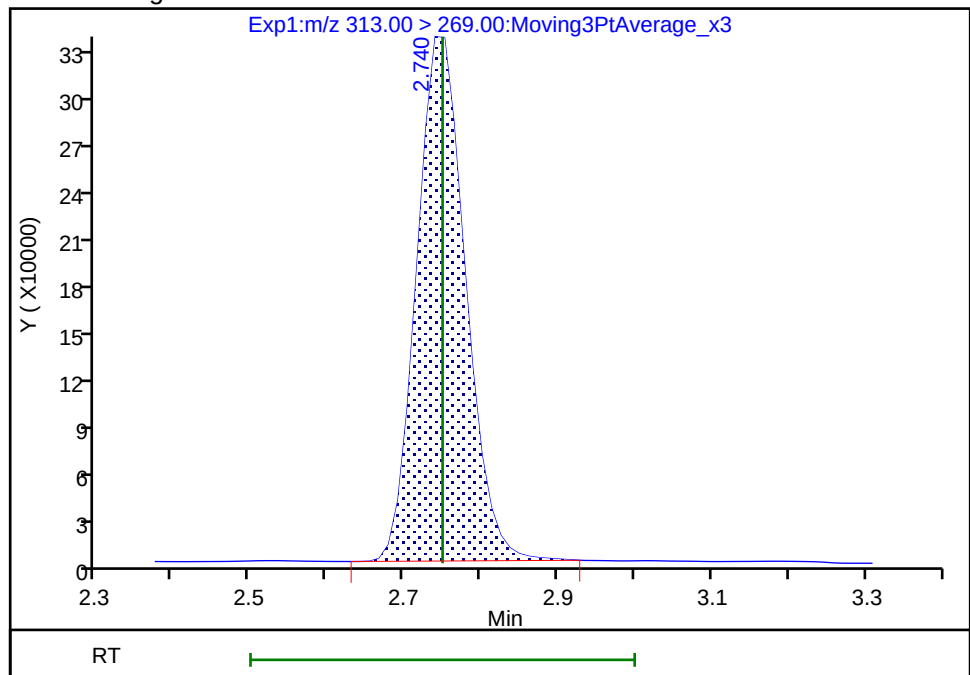
RT: 2.74
Area: 1467276
Amount: 1.005031
Amount Units: ng/ml

Processing Integration Results



RT: 2.74
Area: 1459100
Amount: 0.999431
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:45:05
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d

Injection Date: 04-Aug-2022 20:34:04

Instrument ID: LC812

Lims ID: CCV L4

Client ID:

Operator ID: lc812tech

ALS Bottle#:

1

Worklist Smp#: 1

Injection Vol: 20.0 ul

Dil. Factor:

1.0000

Method: PFC_LC812

Limit Group:

LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

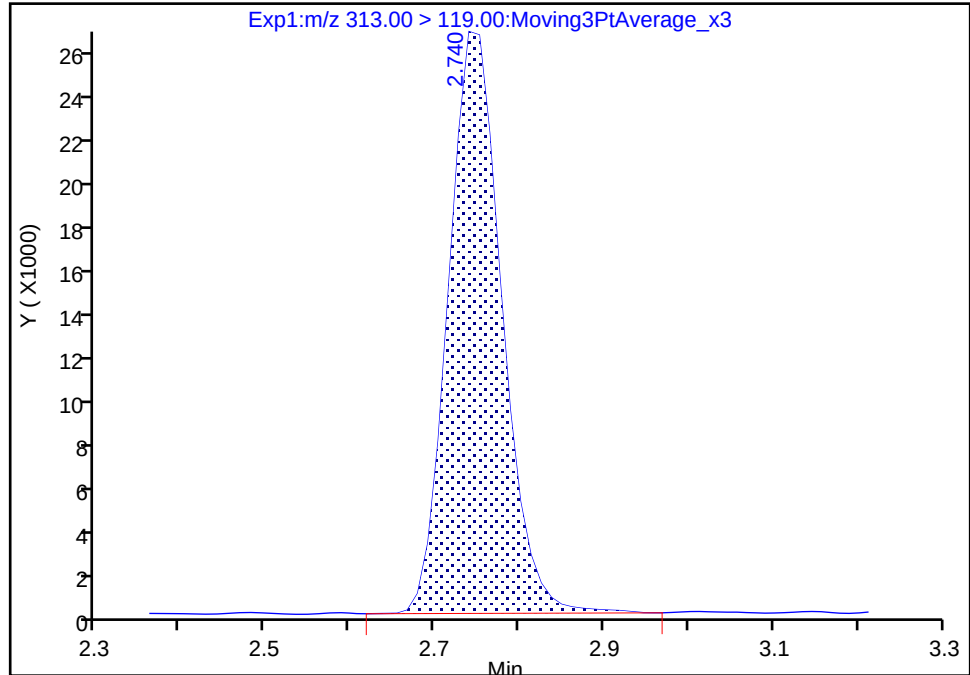
EXP1

6 Perfluorohexanoic acid, CAS: 307-24-4

Signal: 2

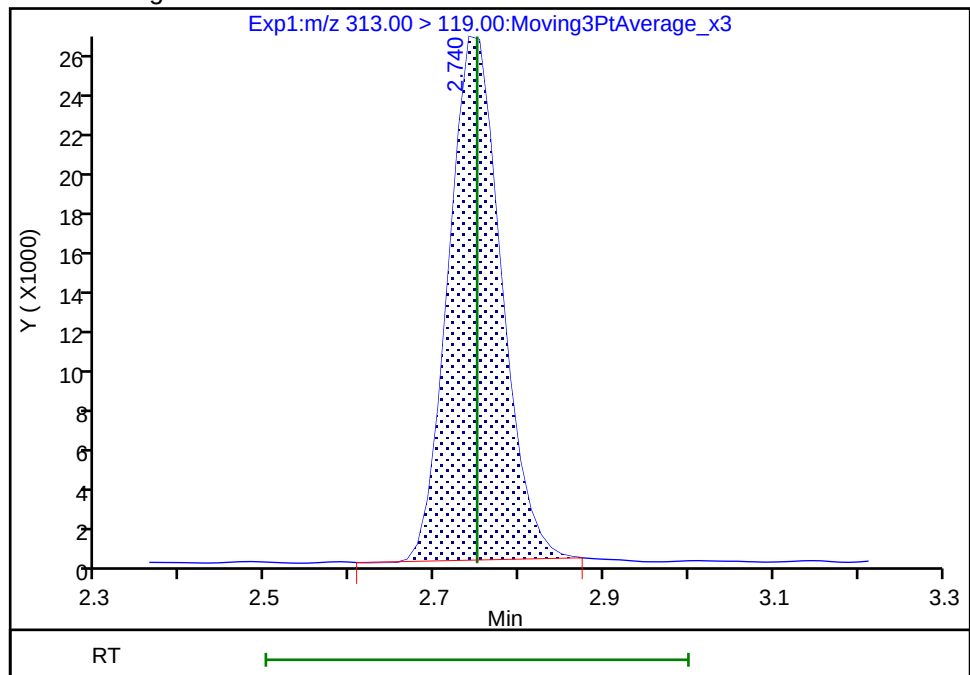
RT: 2.74
Area: 115147
Amount: 1.005031
Amount Units: ng/ml

Processing Integration Results



RT: 2.74
Area: 112887
Amount: 0.999431
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:45:09

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

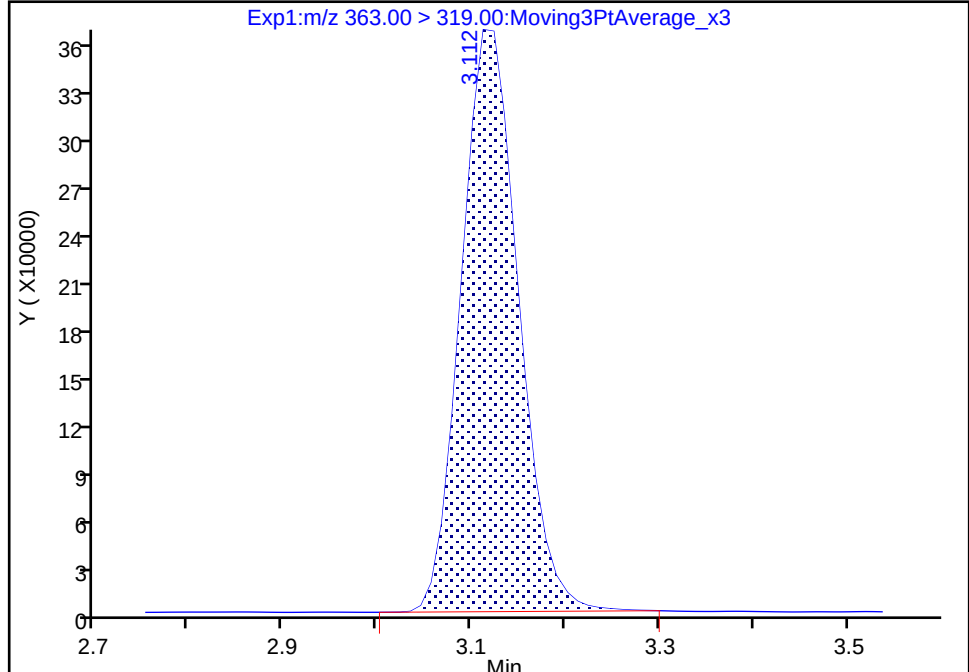
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

10 Perfluoroheptanoic acid, CAS: 375-85-9

Signal: 1

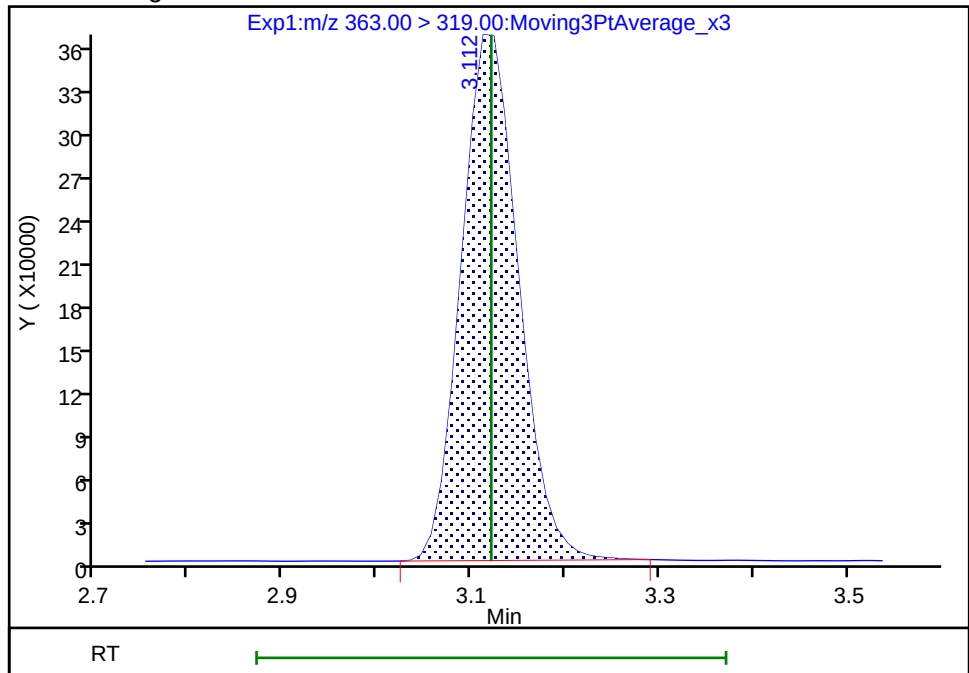
RT: 3.11
Area: 1540035
Amount: 0.974621
Amount Units: ng/ml

Processing Integration Results



RT: 3.11
Area: 1538678
Amount: 0.973763
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:30:32
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

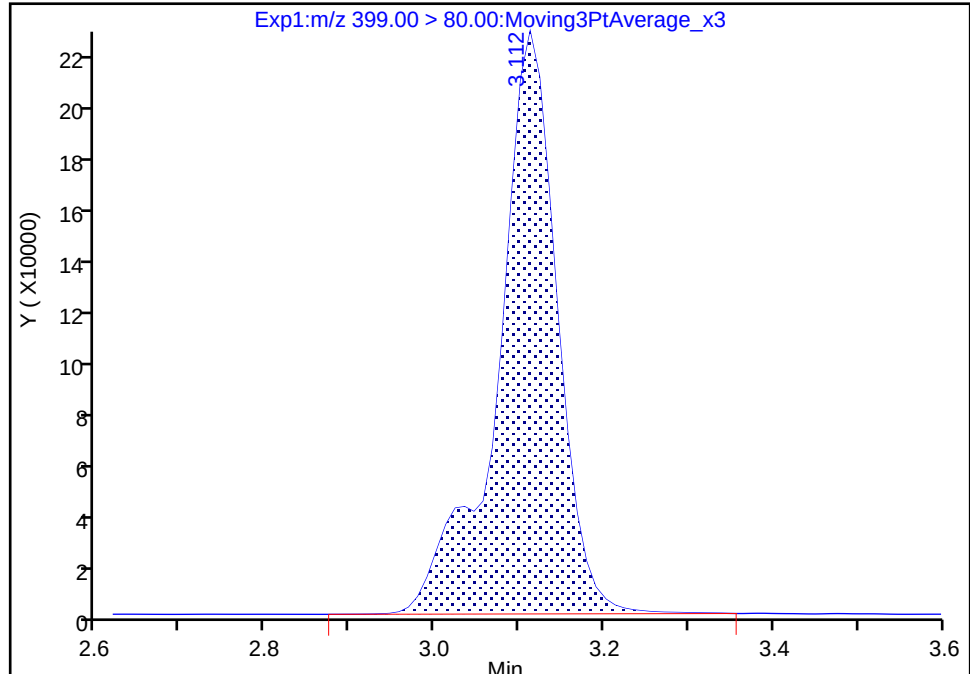
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 1

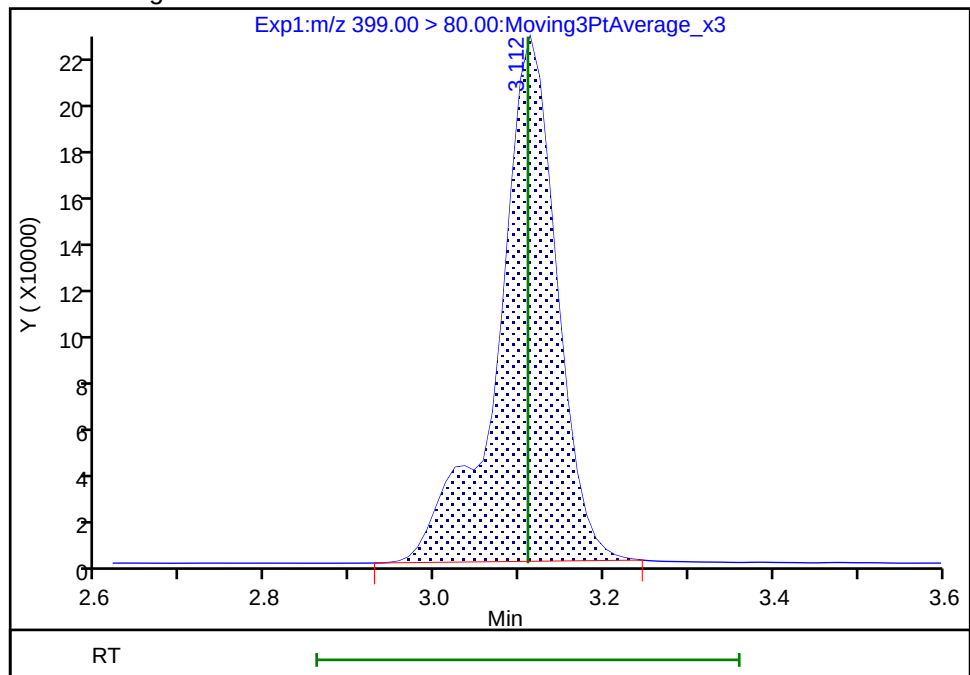
RT: 3.11
Area: 1112419
Amount: 0.866956
Amount Units: ng/ml

Processing Integration Results



RT: 3.11
Area: 1098742
Amount: 0.856297
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:45:24
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

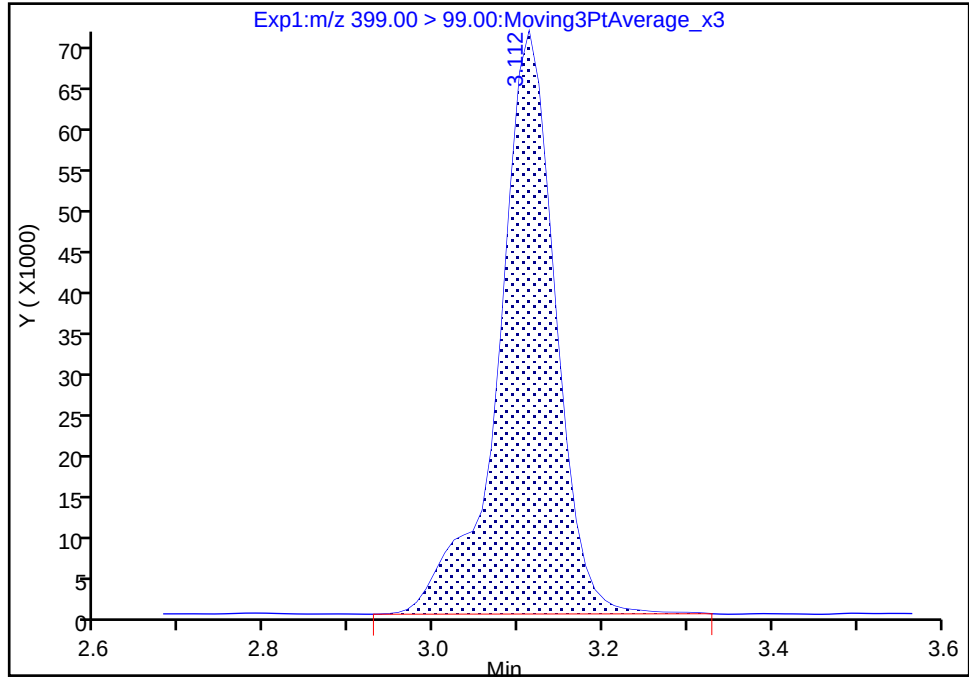
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 2

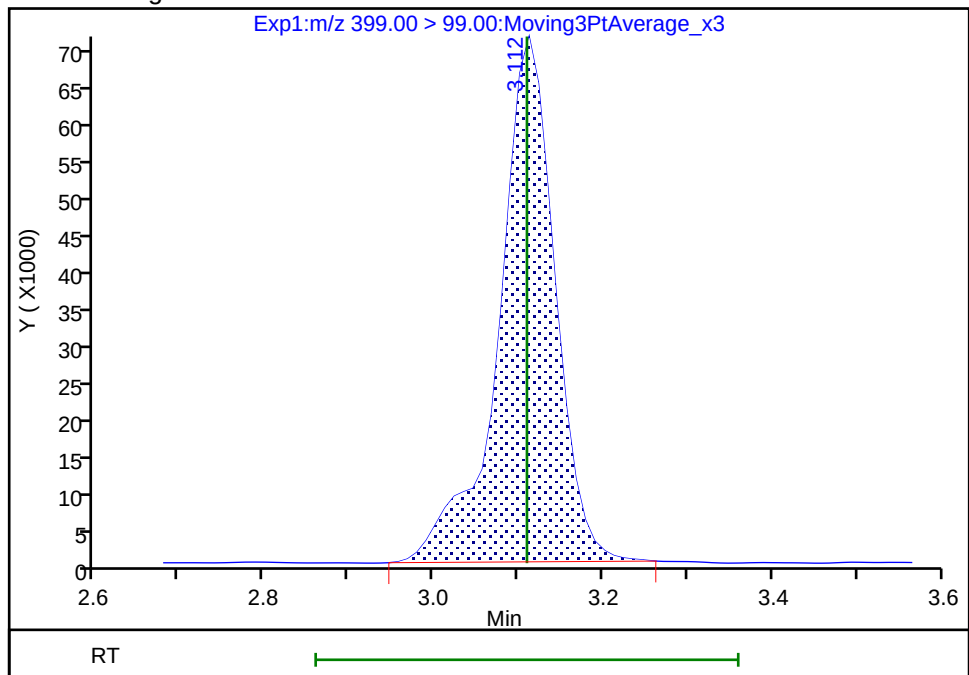
RT: 3.11
Area: 331419
Amount: 0.866956
Amount Units: ng/ml

Processing Integration Results



RT: 3.11
Area: 328189
Amount: 0.856297
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:30:08

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

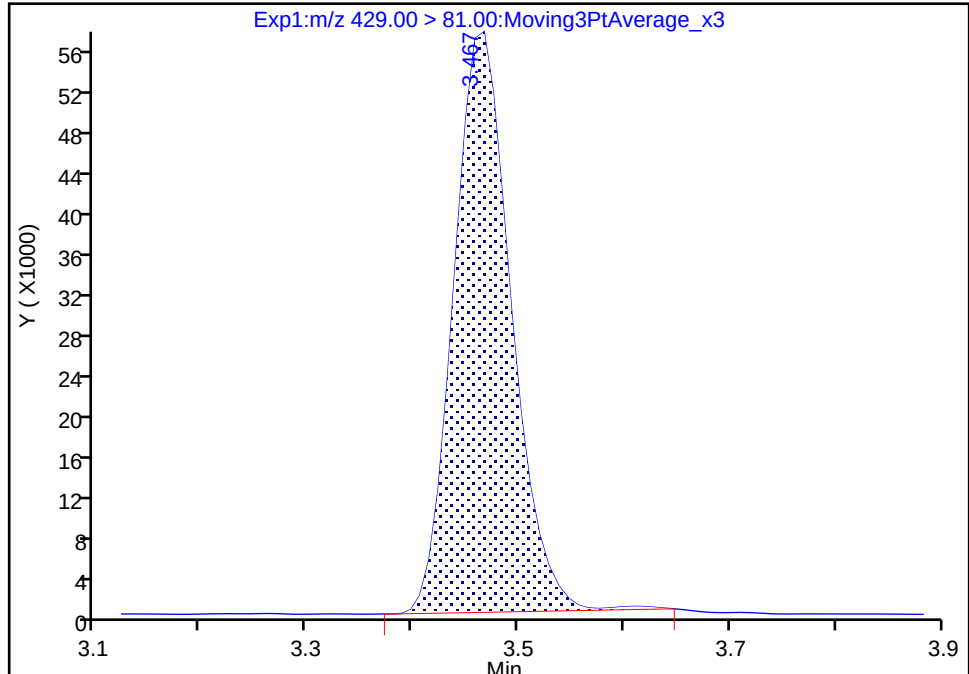
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 12 M2-6:2 FTS, CAS: STL02279

Signal: 1

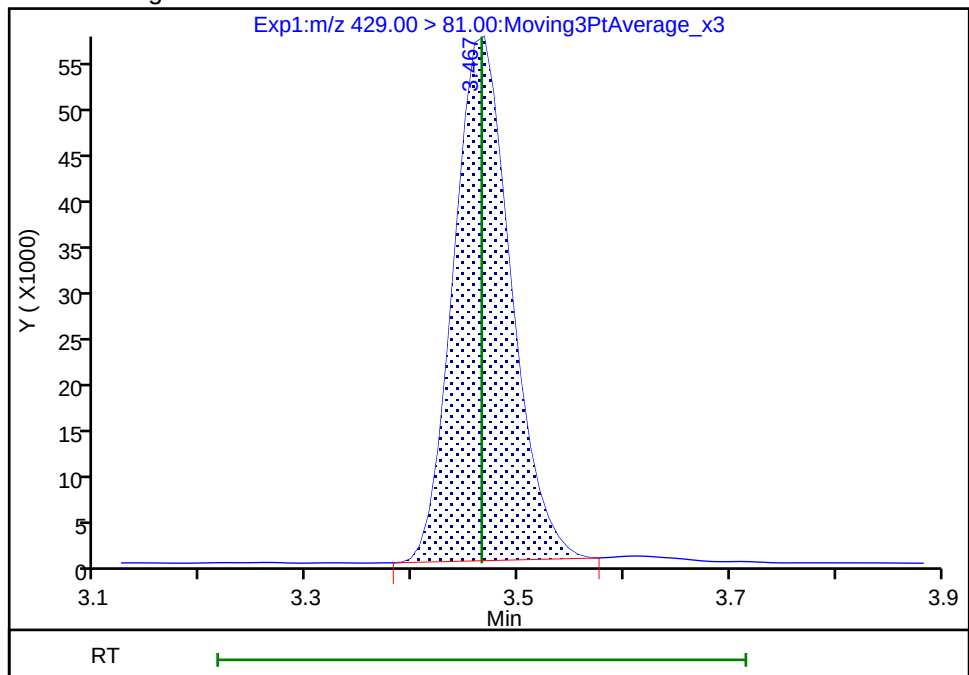
RT: 3.47
Area: 217049
Amount: 1.104554
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 215130
Amount: 1.101374
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:09:48

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

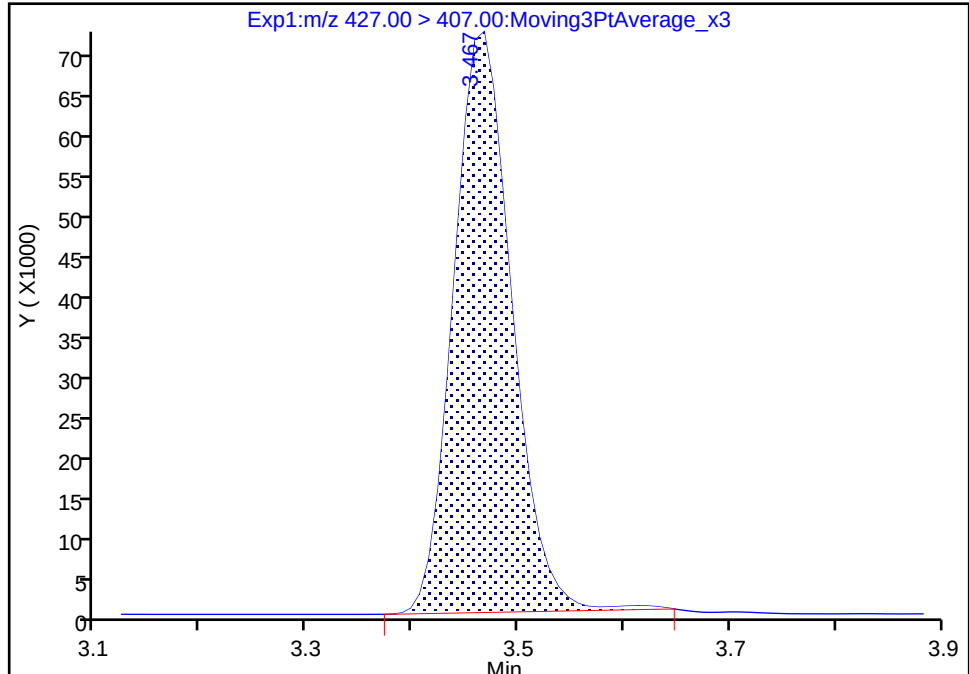
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

13 1H,1H,2H,2H-perfluorooctanesulfo, CAS: 27619-97-2

Signal: 1

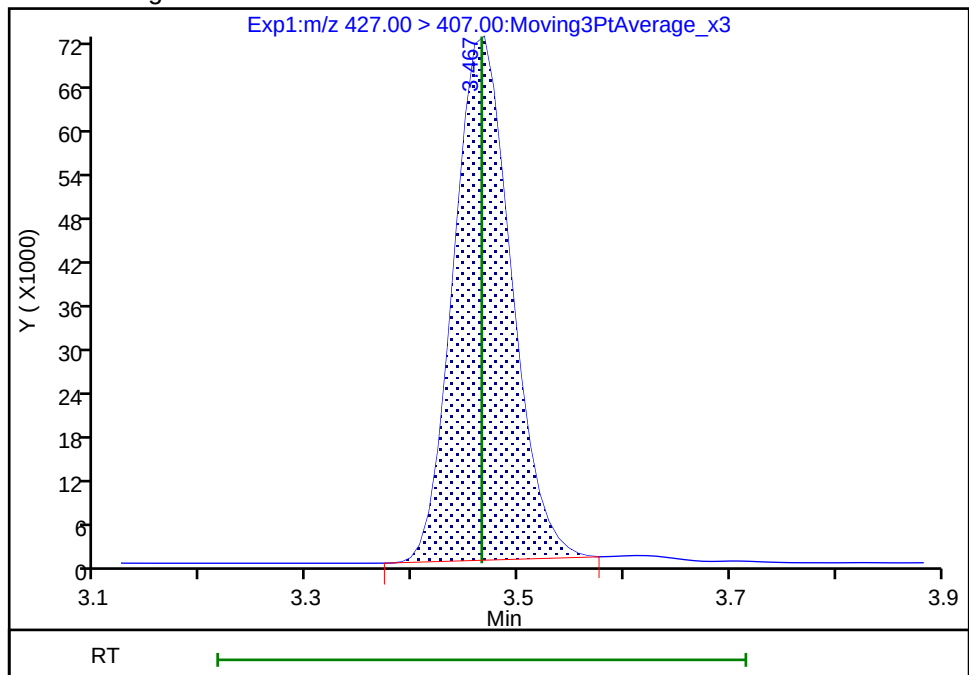
RT: 3.47
Area: 276015
Amount: 1.028749
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 272024
Amount: 1.013631
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:11:45

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

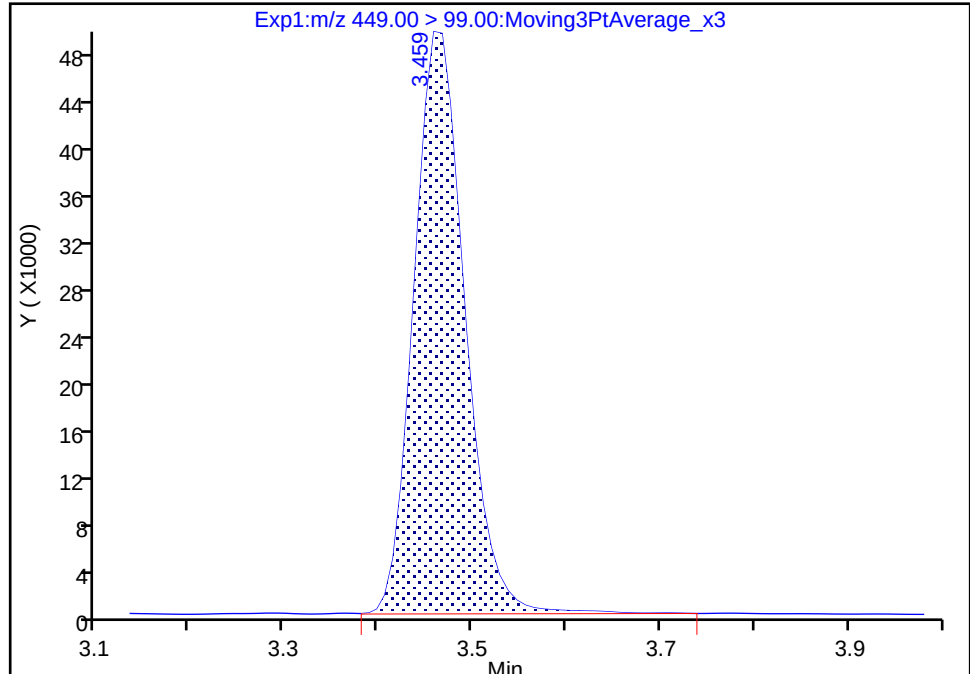
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

16 Perfluoroheptanesulfonic acid, CAS: 375-92-8

Signal: 2

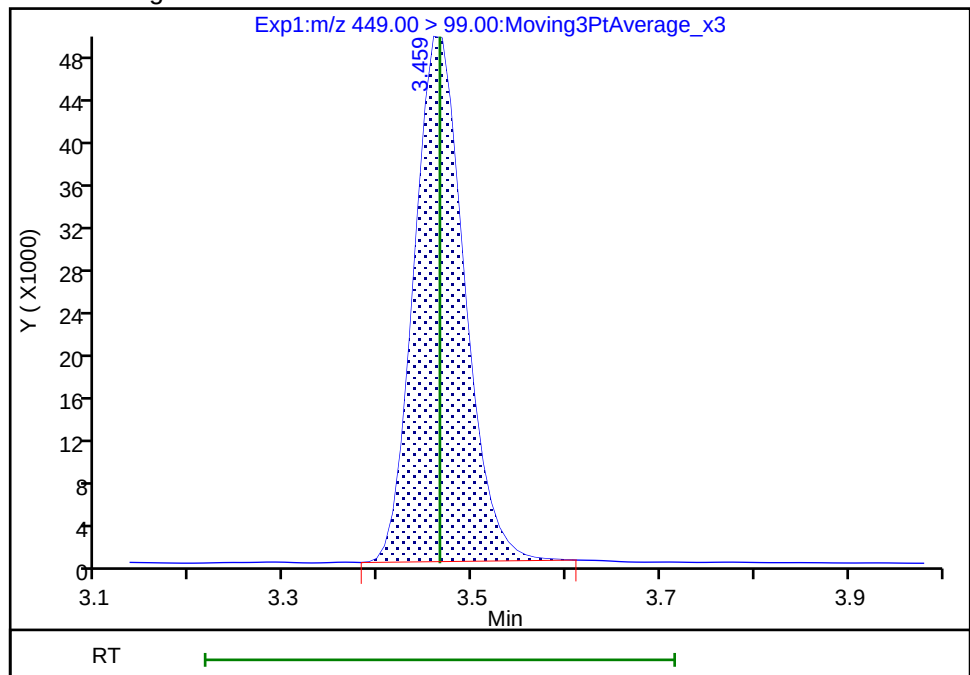
RT: 3.46
Area: 185043
Amount: 0.878647
Amount Units: ng/ml

Processing Integration Results



RT: 3.46
Area: 182445
Amount: 0.876282
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:11:54

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d

Injection Date: 04-Aug-2022 20:34:04

Instrument ID: LC812

Lims ID: CCV L4

Client ID:

Operator ID: lc812tech

ALS Bottle#: 1

Worklist Smp#: 1

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

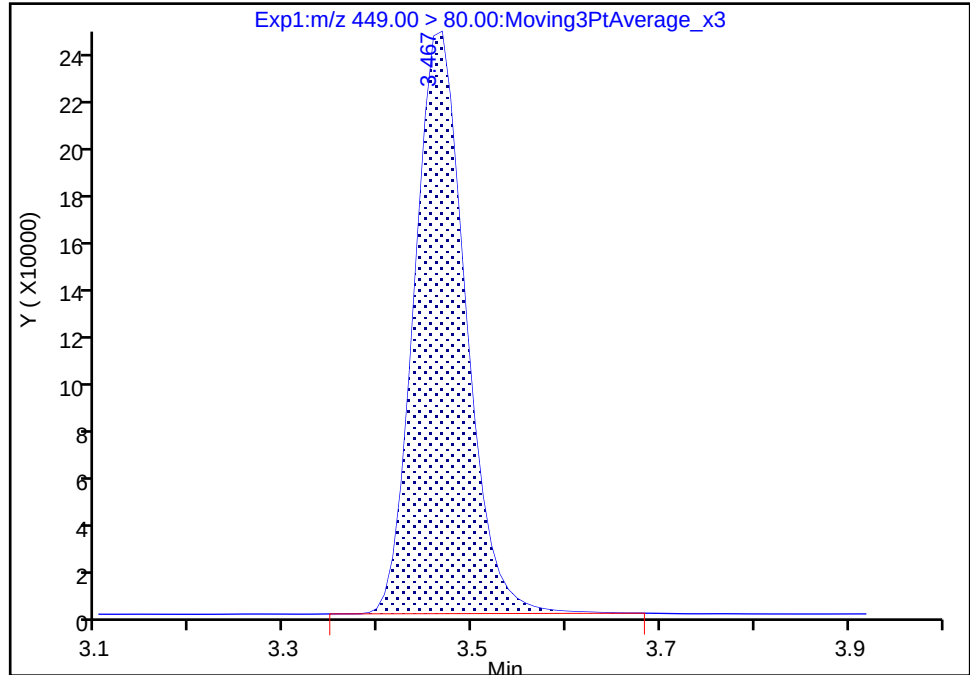
Detector: EXP1

16 Perfluoroheptanesulfonic acid, CAS: 375-92-8

Signal: 1

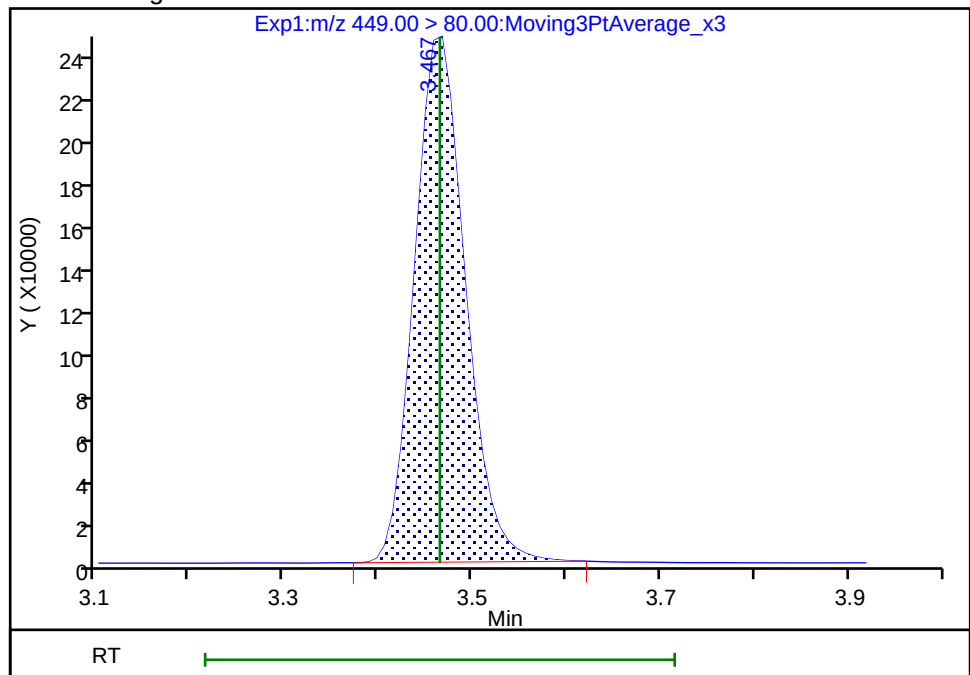
RT: 3.47
Area: 939720
Amount: 0.878647
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 934984
Amount: 0.876282
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:11:58

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

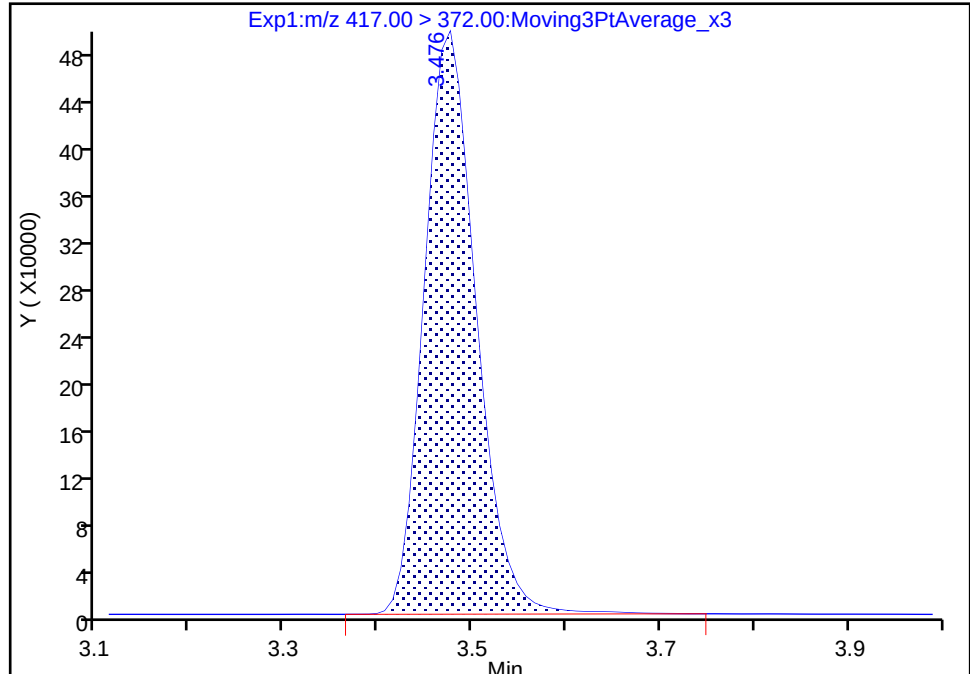
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 14 13C4 PFOA, CAS: STL00990

Signal: 1

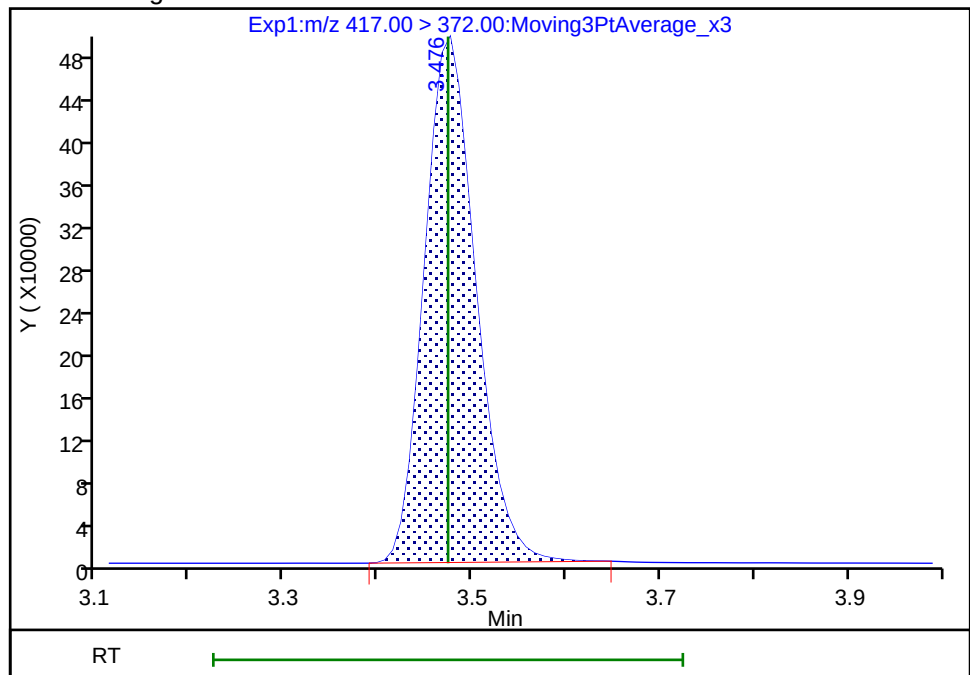
RT: 3.48
Area: 1900950
Amount: 1.241724
Amount Units: ng/ml

Processing Integration Results



RT: 3.48
Area: 1885961
Amount: 1.239344
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:30:53

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

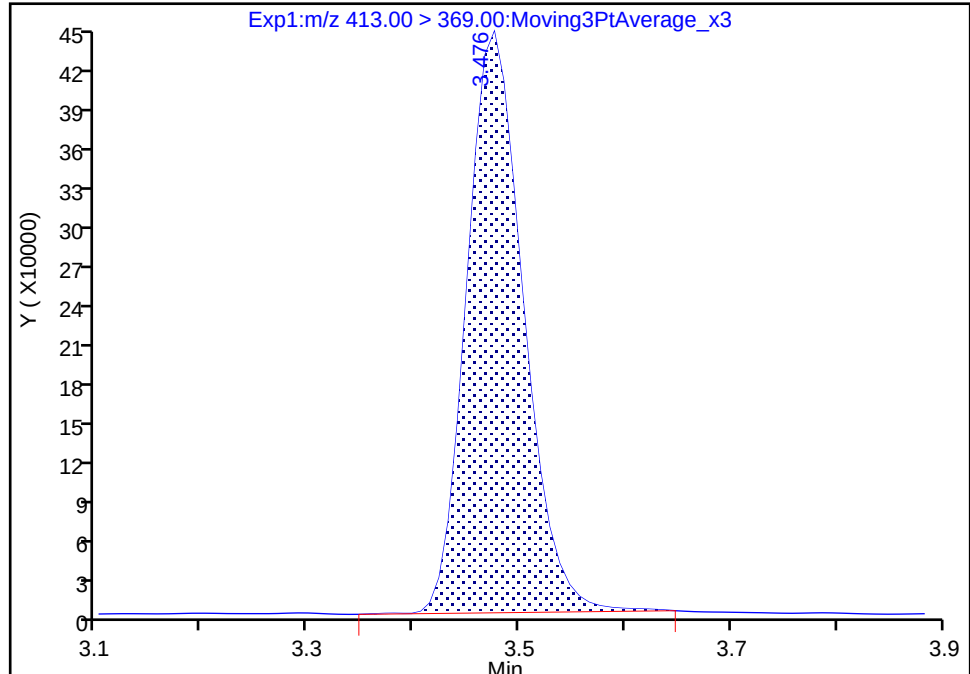
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 1

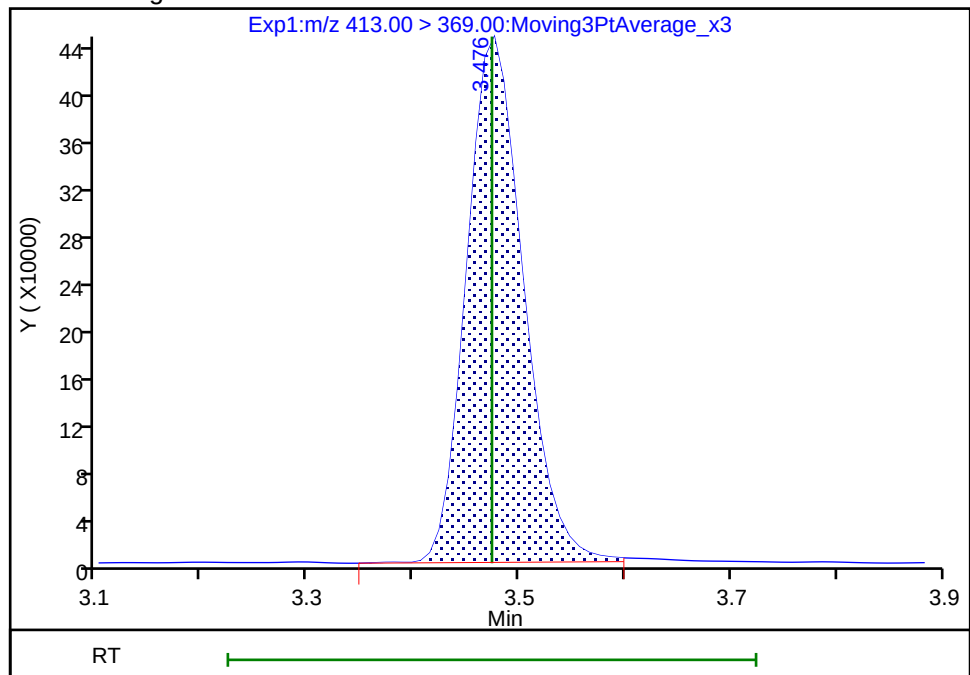
RT: 3.48
Area: 1659053
Amount: 0.972836
Amount Units: ng/ml

Processing Integration Results



RT: 3.48
Area: 1662576
Amount: 0.982650
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:12:06

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

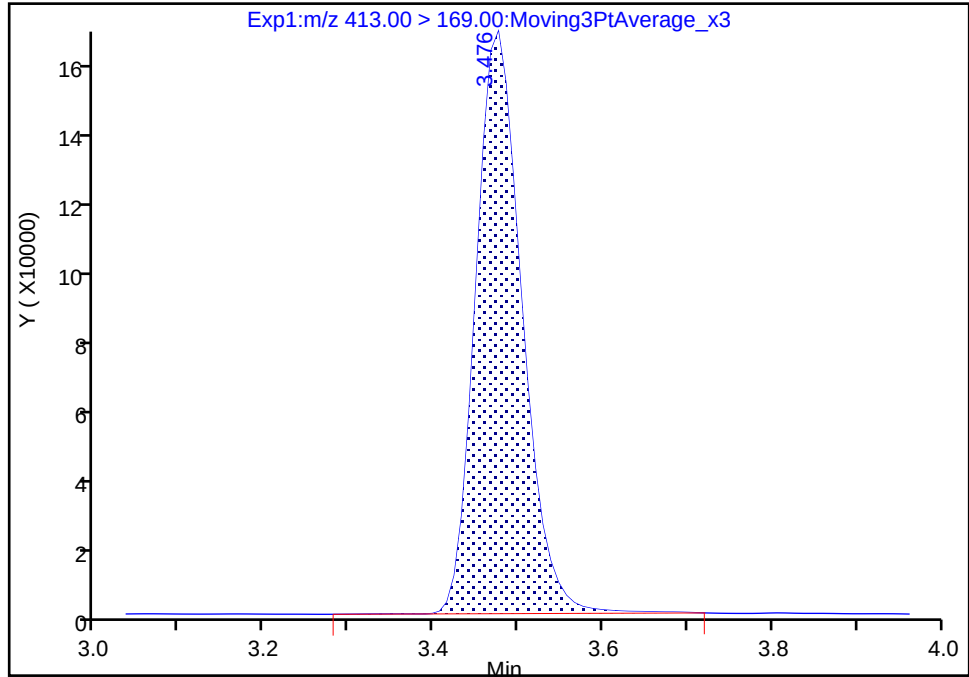
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 2

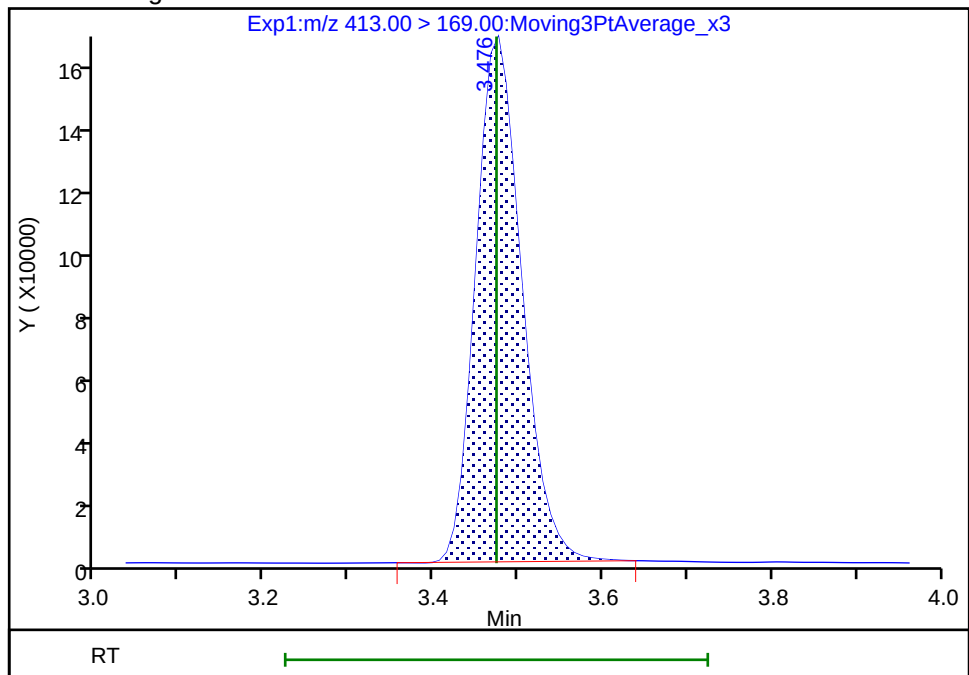
RT: 3.48
Area: 634427
Amount: 0.972836
Amount Units: ng/ml

Processing Integration Results



RT: 3.48
Area: 628399
Amount: 0.982650
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:45:57

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

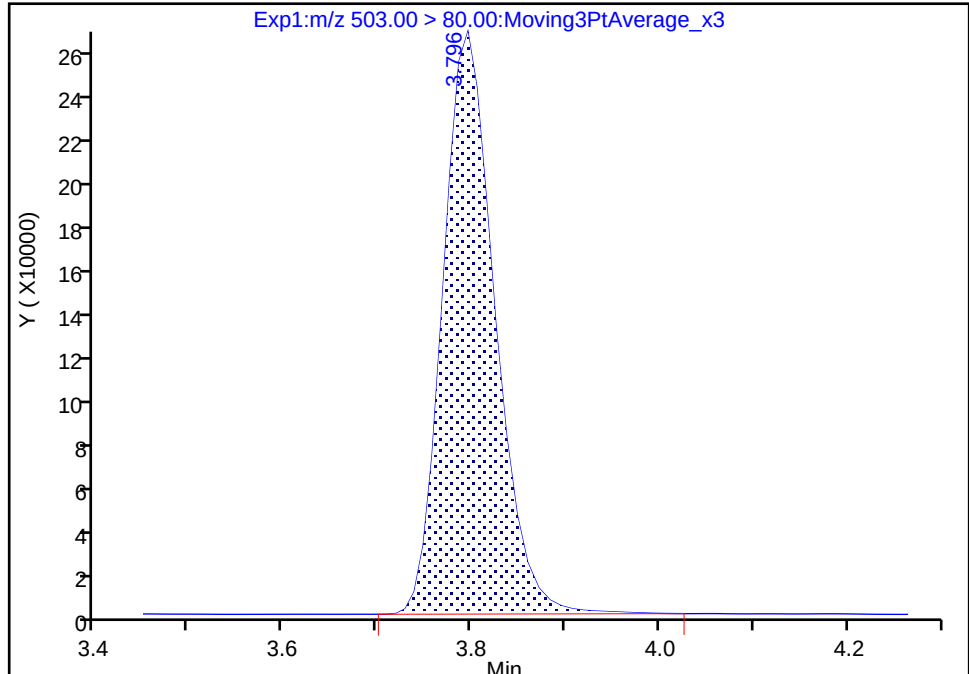
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 18 13C4 PFOS, CAS: STL00991

Signal: 1

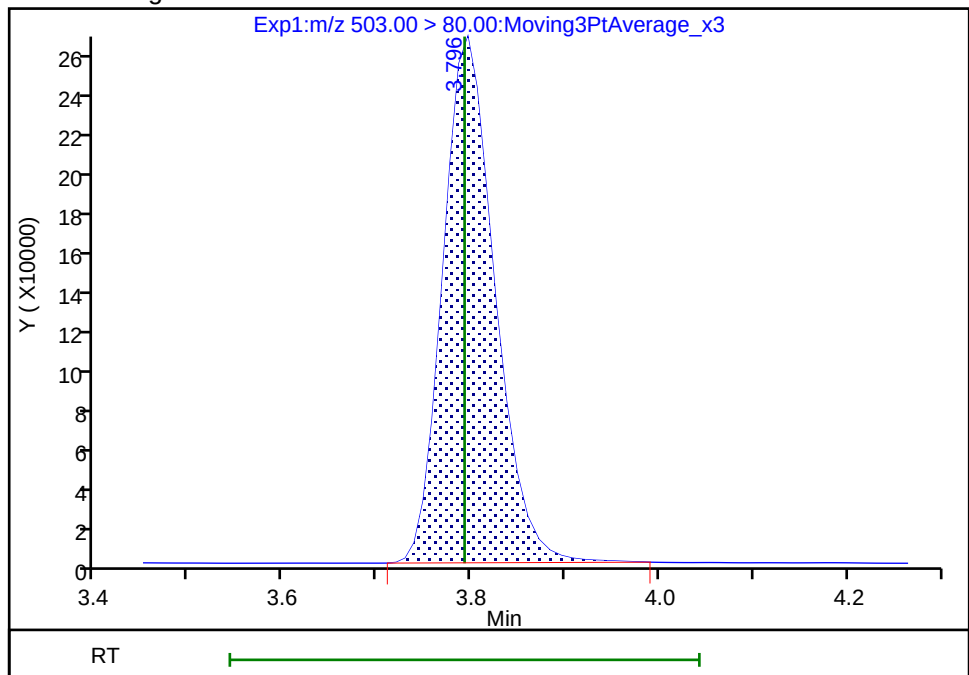
RT: 3.80
Area: 1034021
Amount: 1.186594
Amount Units: ng/ml

Processing Integration Results



RT: 3.80
Area: 1031586
Amount: 1.183799
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:32:09

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

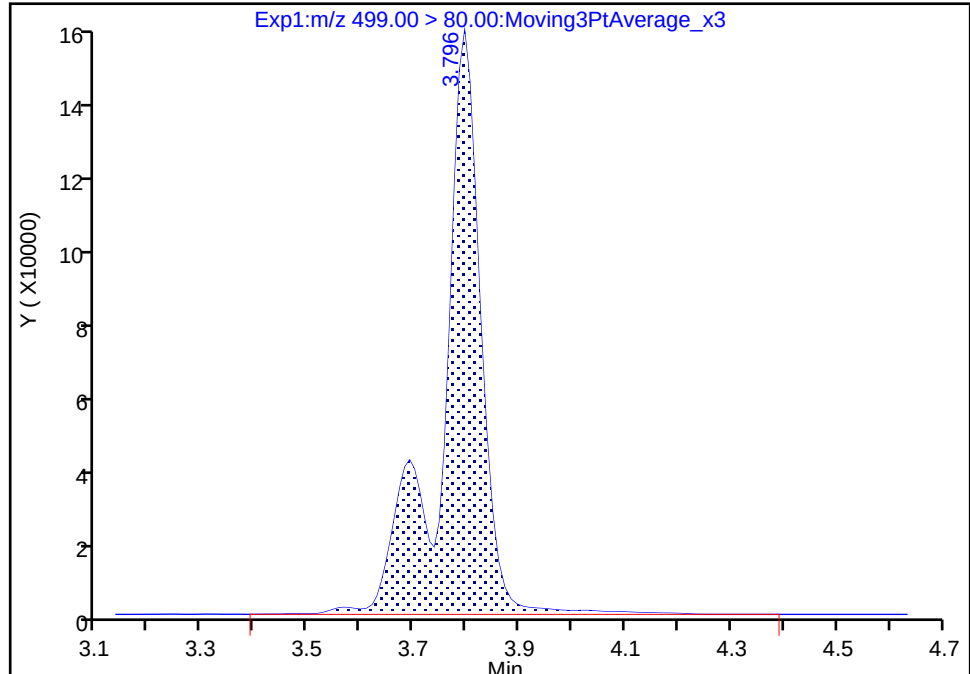
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 1

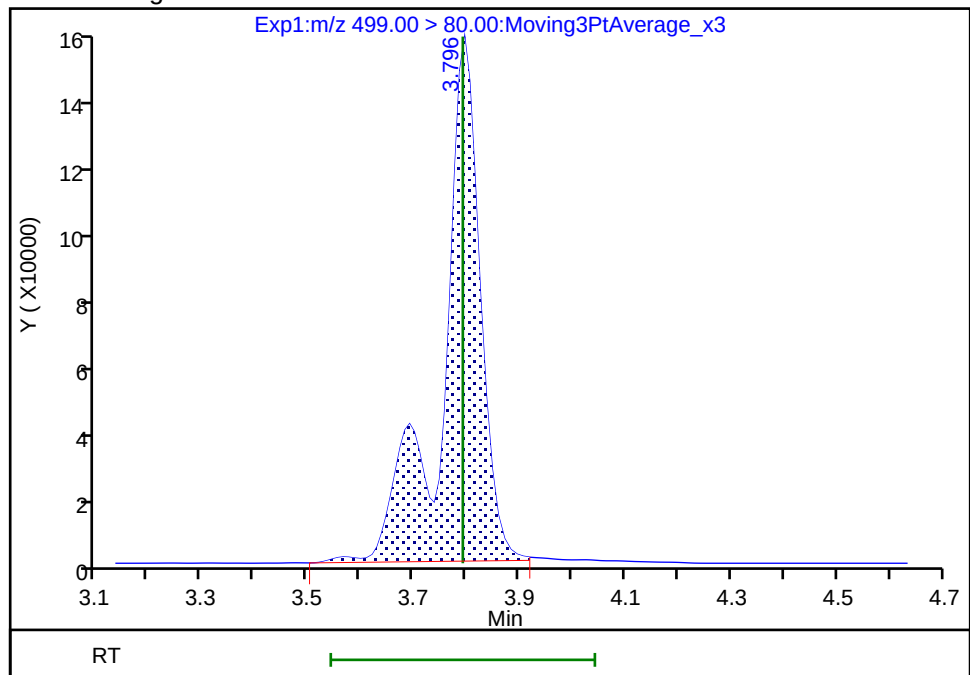
RT: 3.80
Area: 804348
Amount: 0.915820
Amount Units: ng/ml

Processing Integration Results



RT: 3.80
Area: 777819
Amount: 0.887138
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:12:31

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

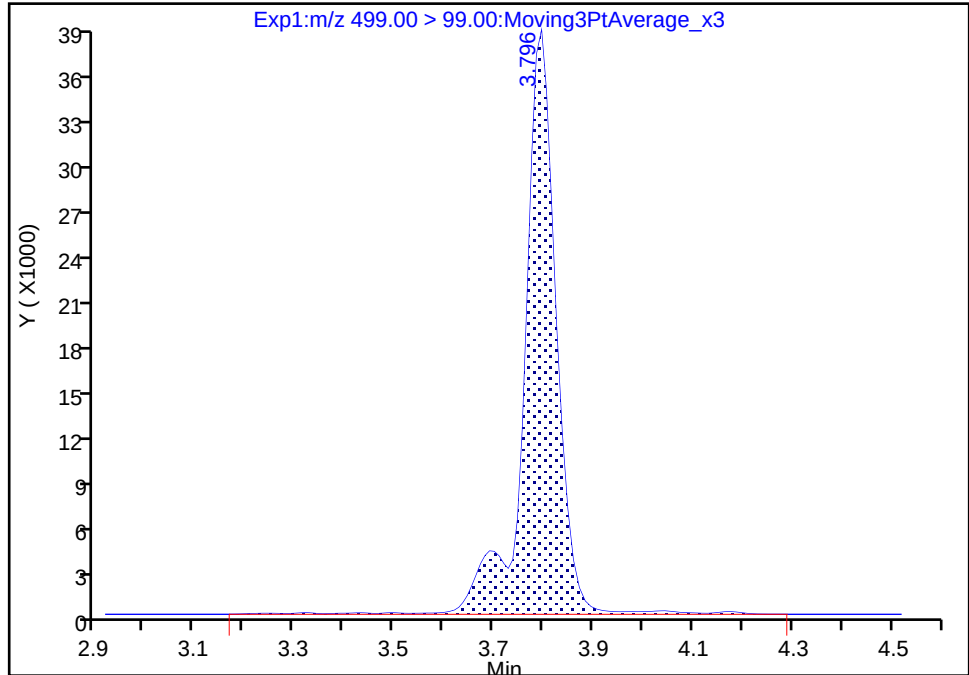
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 2

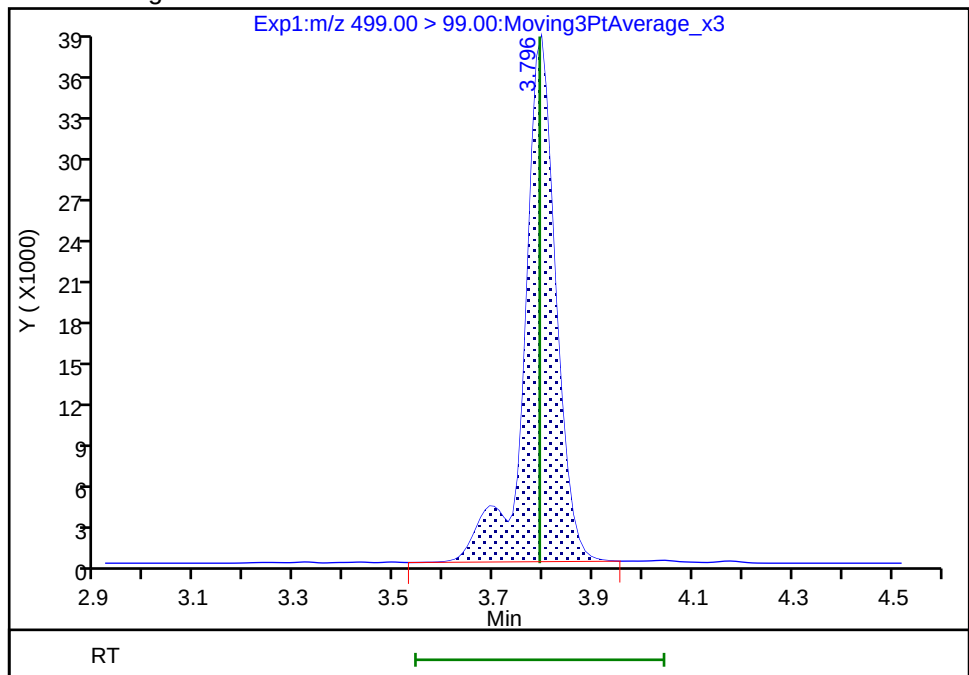
RT: 3.80
Area: 174087
Amount: 0.915820
Amount Units: ng/ml

Processing Integration Results



RT: 3.80
Area: 168535
Amount: 0.887138
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:31:57

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

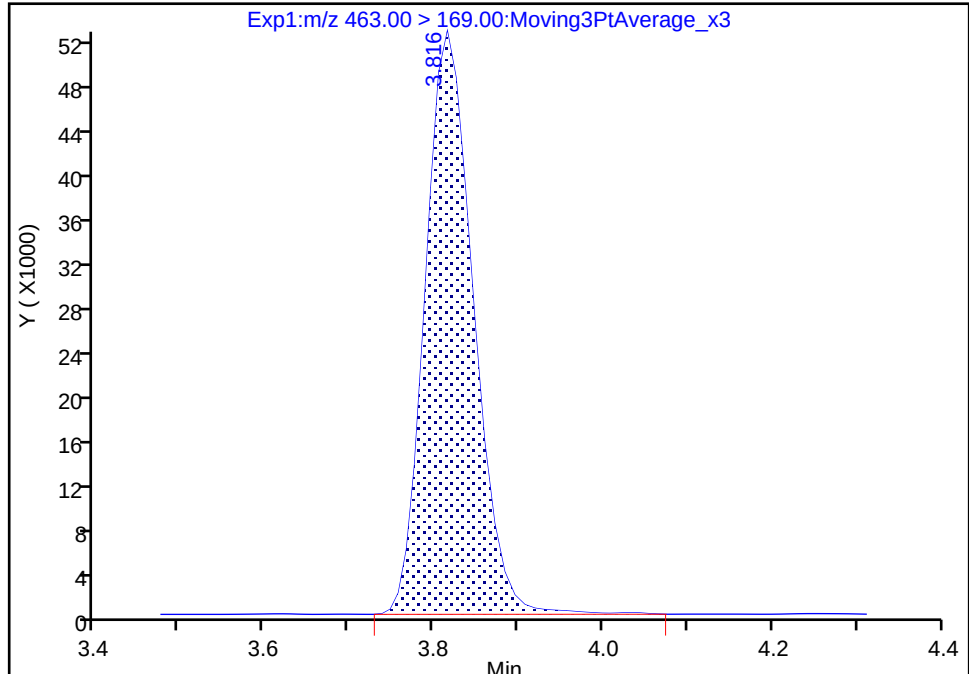
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

20 Perfluorononanoic acid, CAS: 375-95-1

Signal: 2

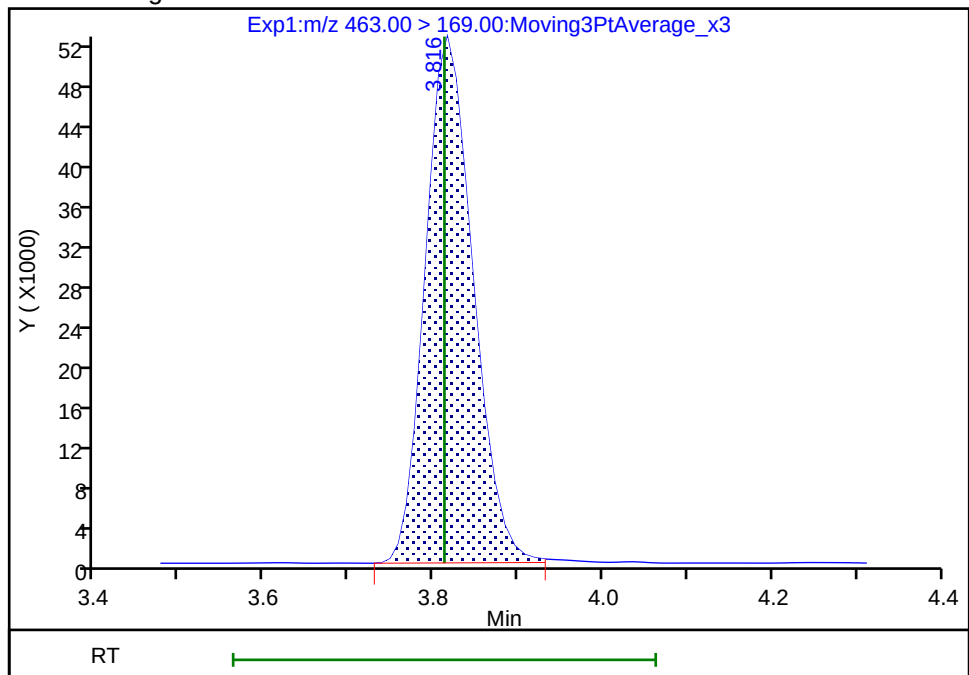
RT: 3.82
Area: 208924
Amount: 1.013125
Amount Units: ng/ml

Processing Integration Results



RT: 3.82
Area: 207129
Amount: 1.013125
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:12:59

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

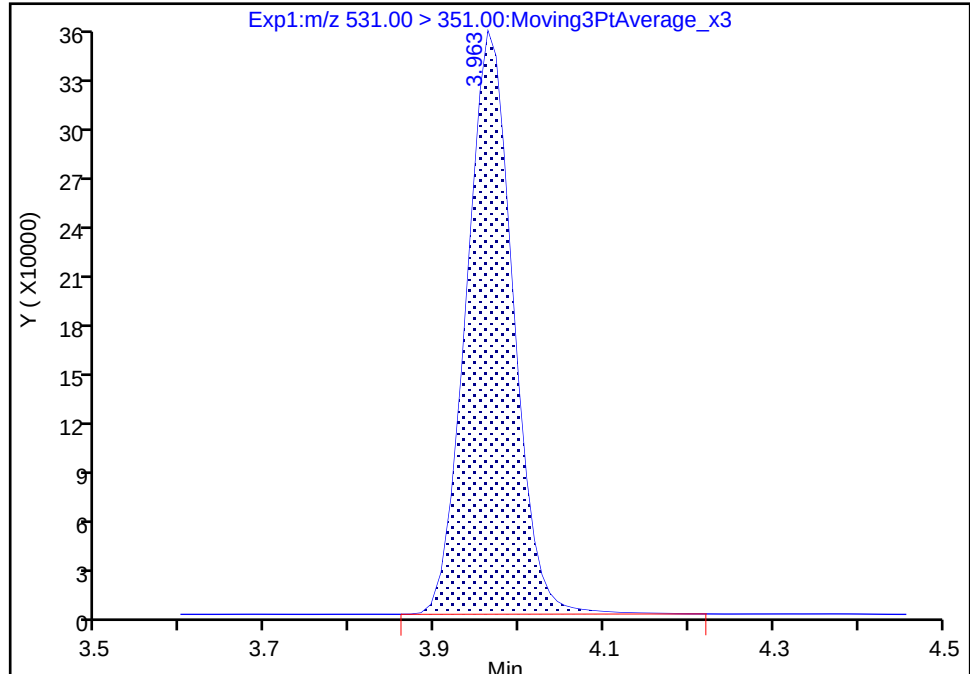
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

69 9-Chlorohexadecafluoro-3-oxanona, CAS: 756426-58-1

Signal: 1

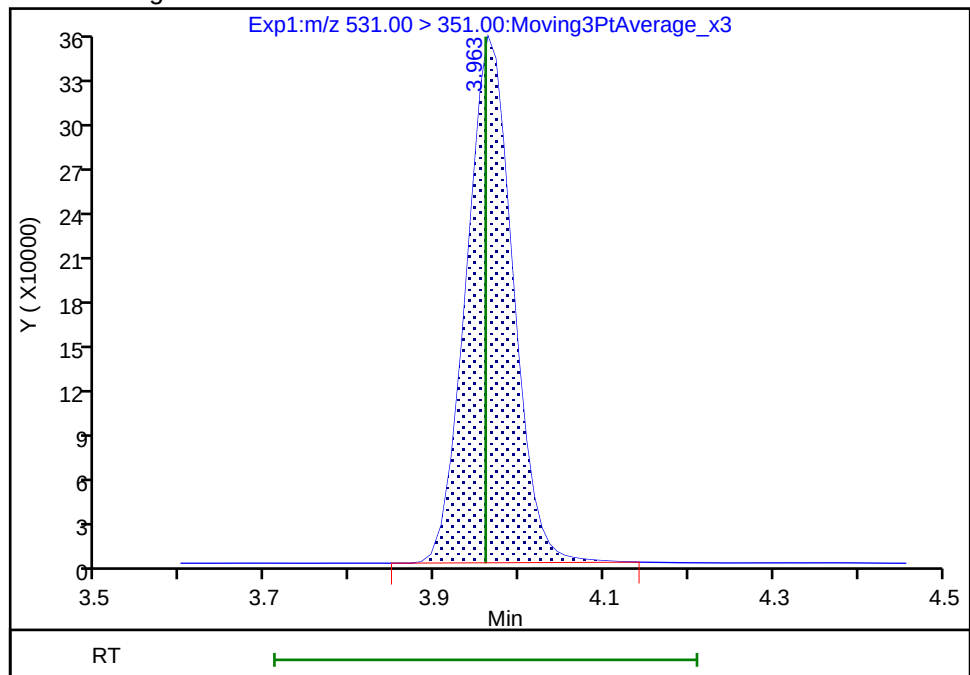
RT: 3.96
Area: 1371112
Amount: 0.897012
Amount Units: ng/ml

Processing Integration Results



RT: 3.96
Area: 1365435
Amount: 0.895406
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:46:13
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

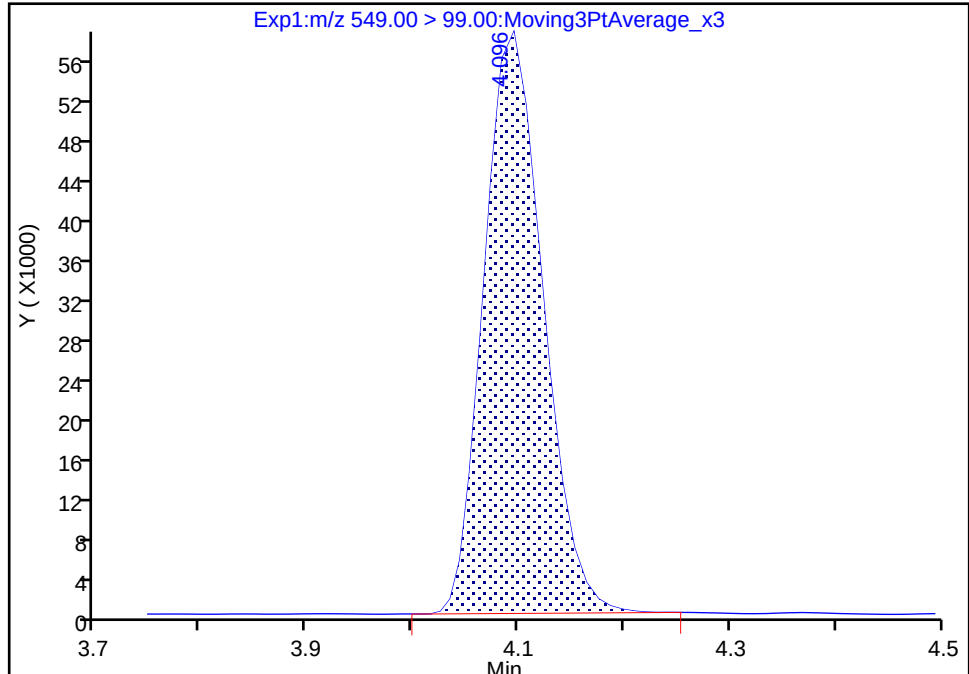
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

68 Perfluoronanesulfonic acid, CAS: 68259-12-1

Signal: 2

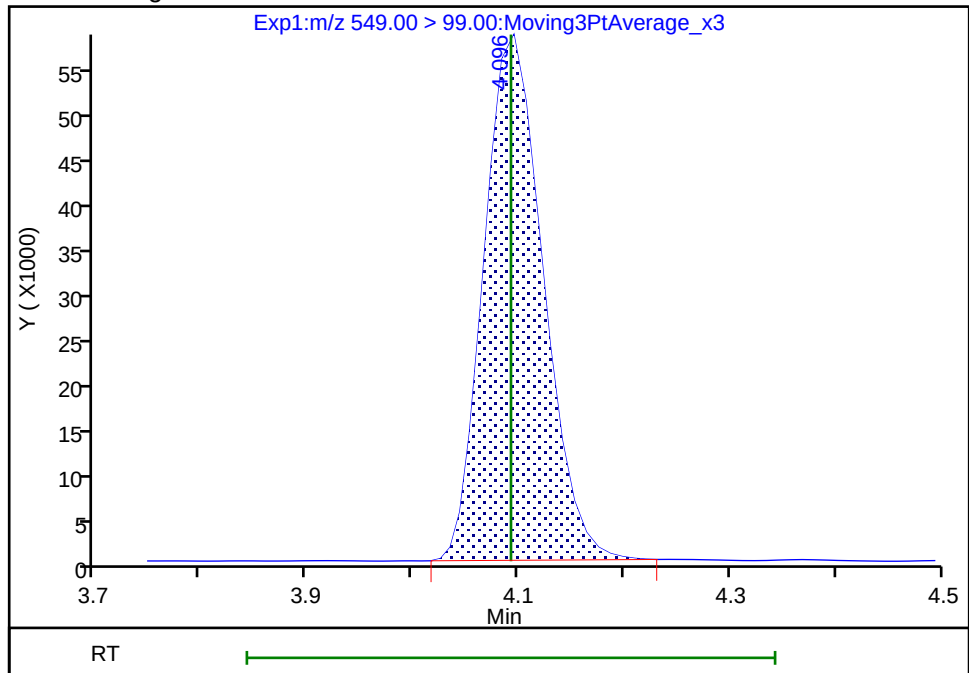
RT: 4.10
Area: 229313
Amount: 0.869447
Amount Units: ng/ml

Processing Integration Results



RT: 4.10
Area: 229122
Amount: 0.860131
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:13:15

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

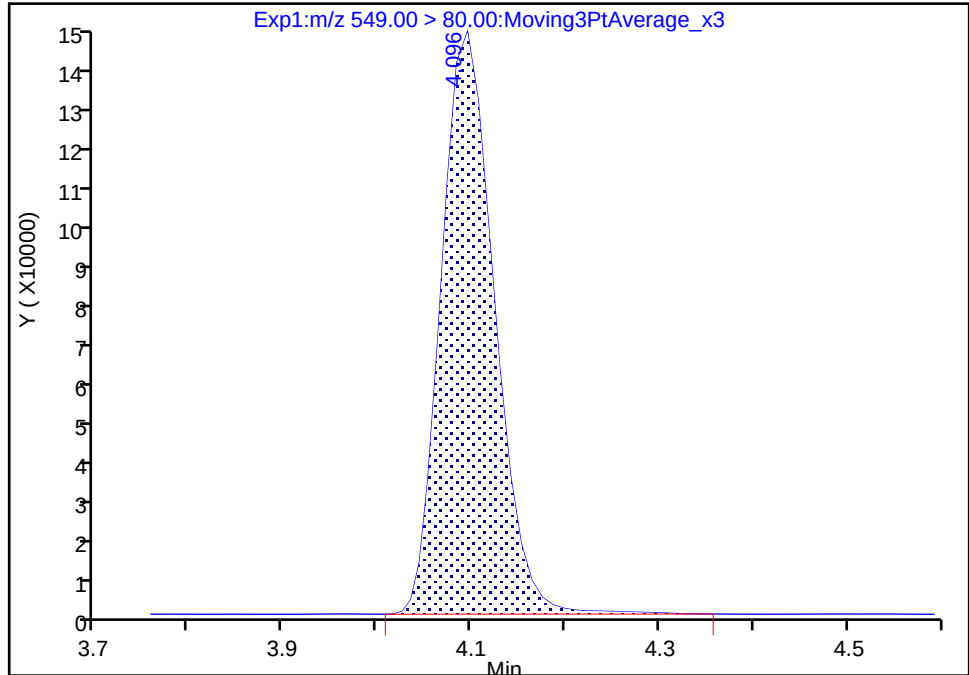
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

68 Perfluoronanesulfonic acid, CAS: 68259-12-1

Signal: 1

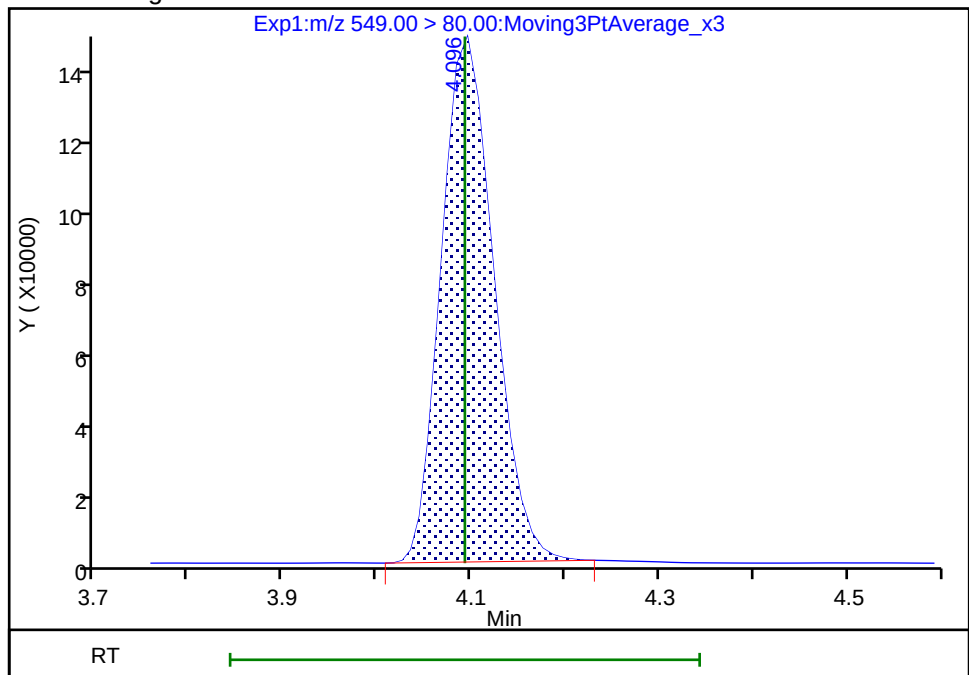
RT: 4.10
Area: 589050
Amount: 0.869447
Amount Units: ng/ml

Processing Integration Results



RT: 4.10
Area: 581366
Amount: 0.860131
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:32:37

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

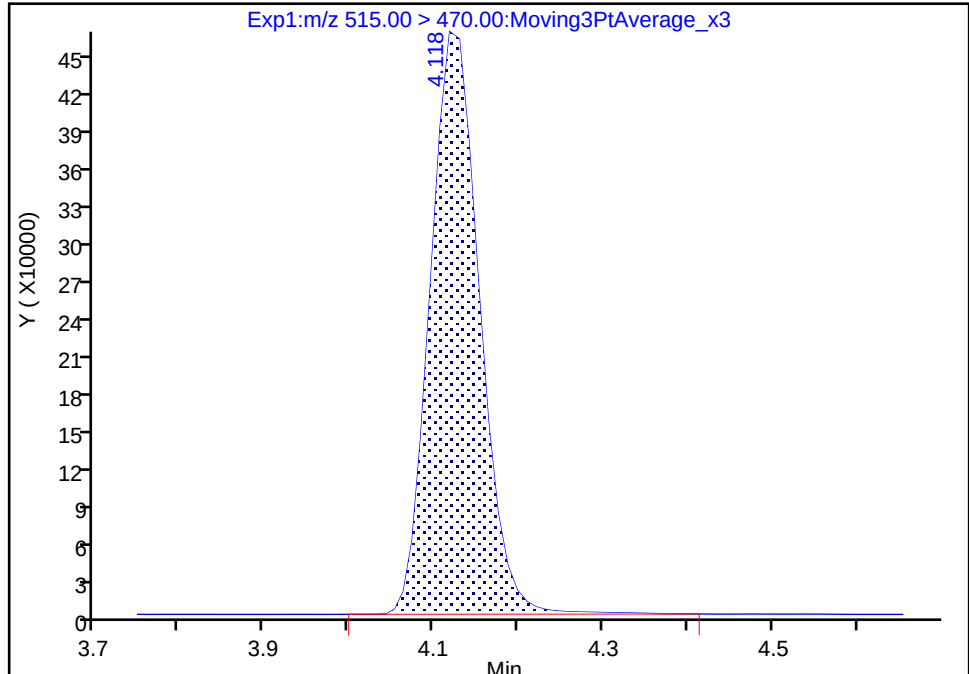
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 23 13C2 PFDA, CAS: STL00996

Signal: 1

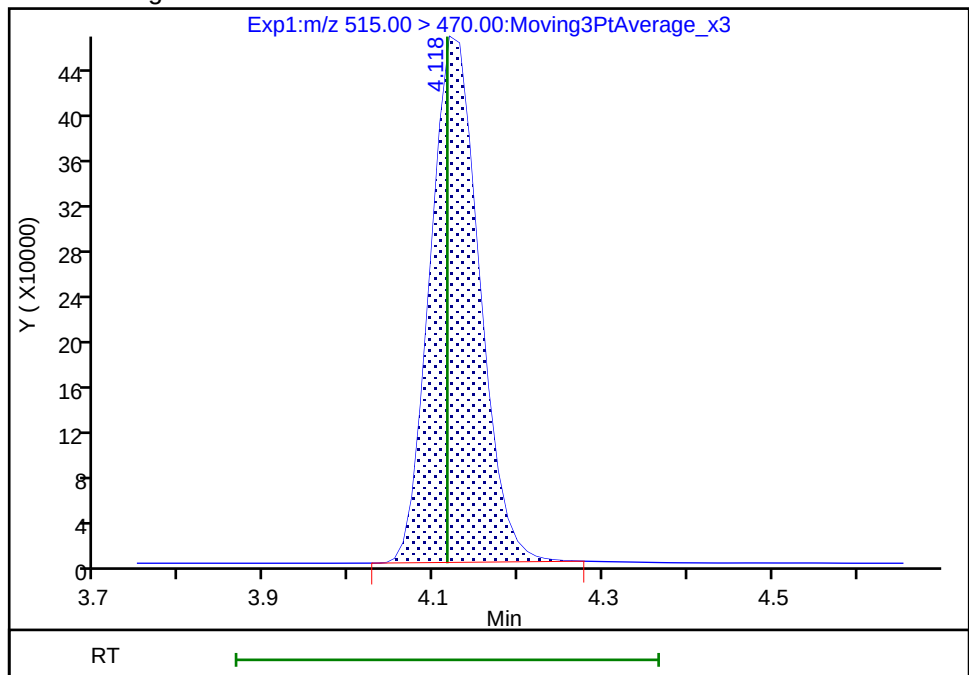
RT: 4.12
Area: 1883869
Amount: 1.217911
Amount Units: ng/ml

Processing Integration Results



RT: 4.12
Area: 1866445
Amount: 1.213905
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:32:49
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d

Injection Date: 04-Aug-2022 20:34:04

Instrument ID: LC812

Lims ID: CCV L4

Client ID:

Operator ID: lc812tech

ALS Bottle#: 1

Worklist Smp#: 1

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

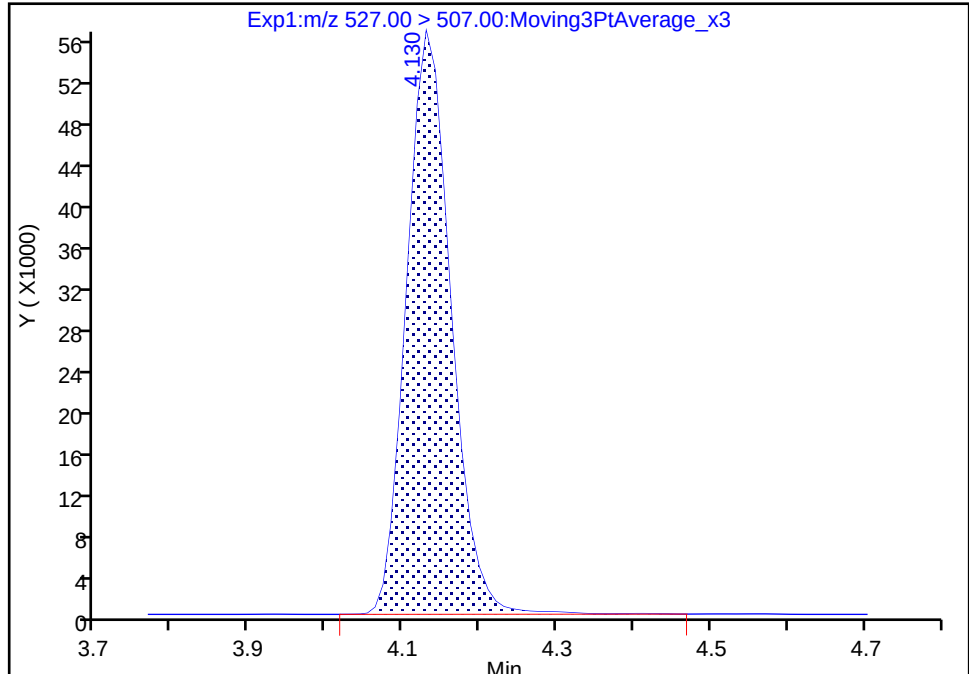
Detector: EXP1

25 1H,1H,2H,2H-perfluorodecanesulfo, CAS: 39108-34-4

Signal: 1

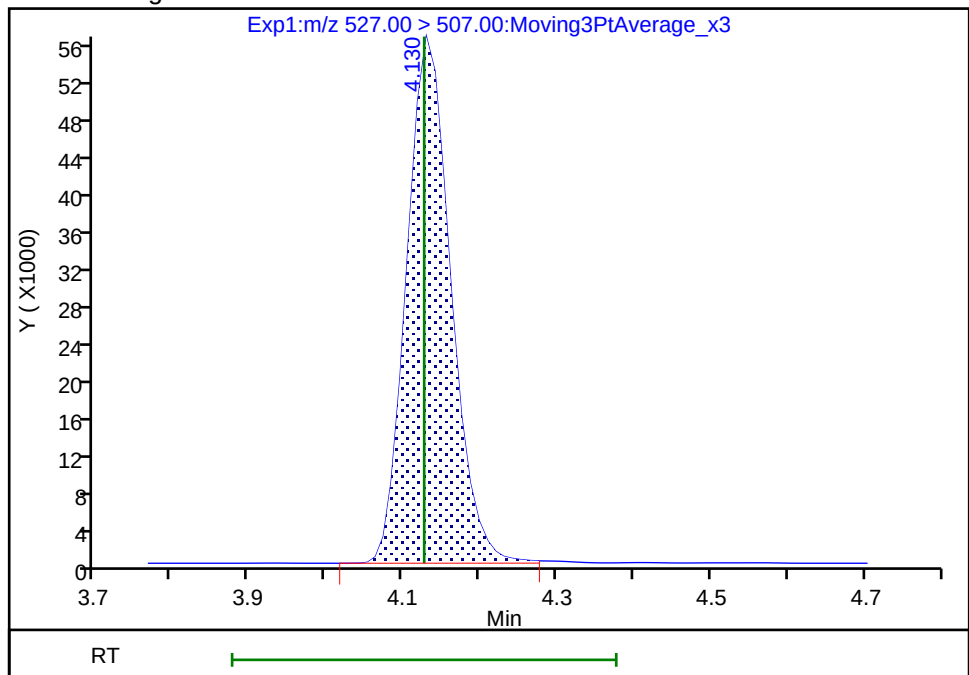
RT: 4.13
Area: 225384
Amount: 1.042085
Amount Units: ng/ml

Processing Integration Results



RT: 4.13
Area: 224572
Amount: 1.038330
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:13:29

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

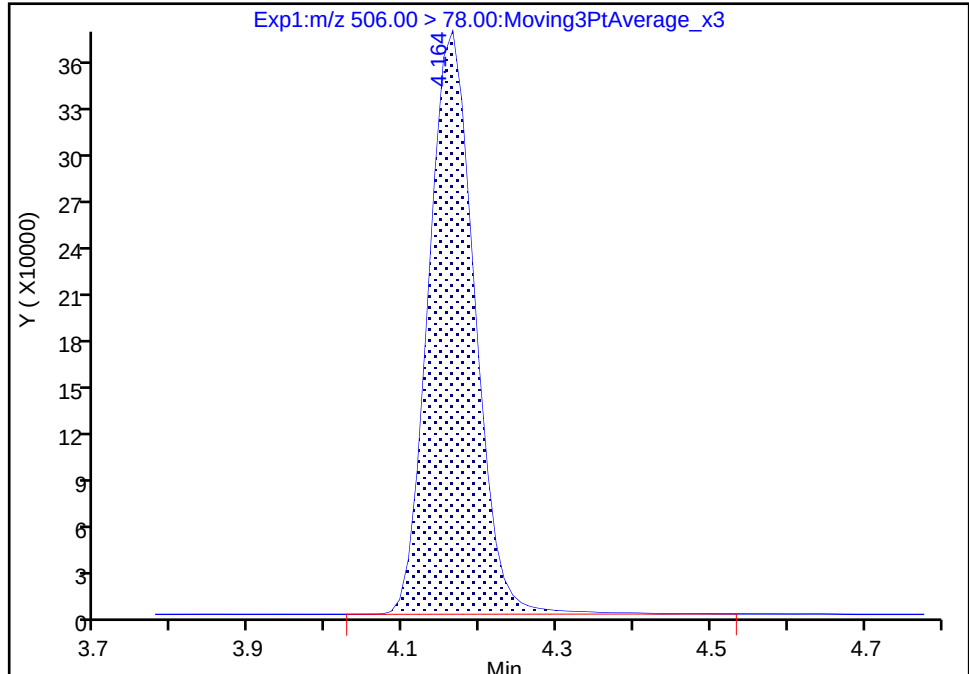
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 21 13C8 FOSA, CAS: STL01056

Signal: 1

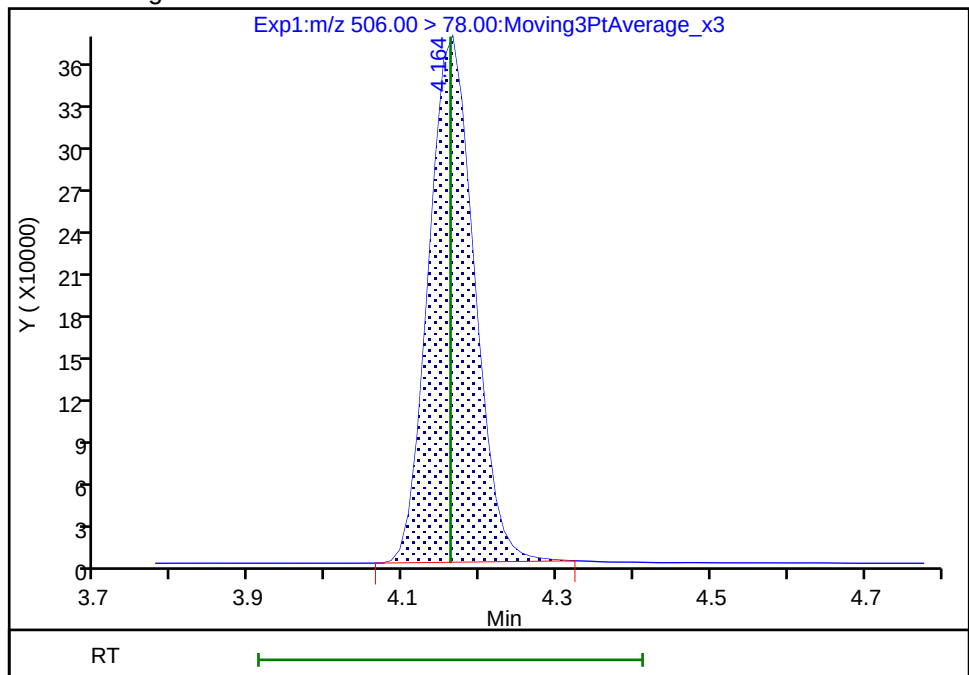
RT: 4.16
Area: 1563200
Amount: 1.154676
Amount Units: ng/ml

Processing Integration Results



RT: 4.16
Area: 1545099
Amount: 1.148171
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:33:19
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

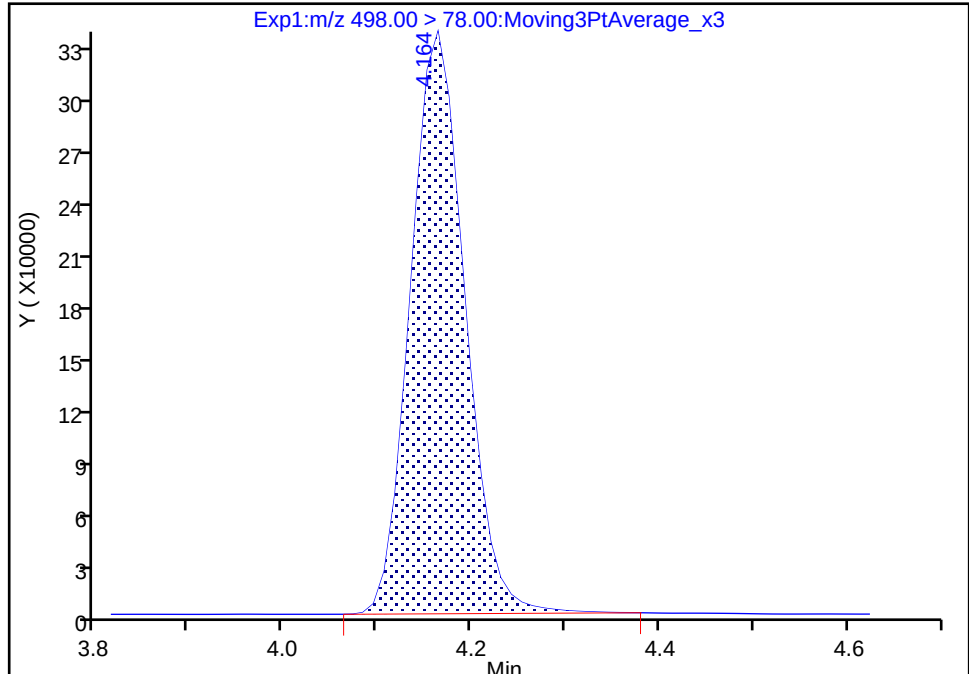
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

22 Perfluorooctanesulfonamide, CAS: 754-91-6

Signal: 1

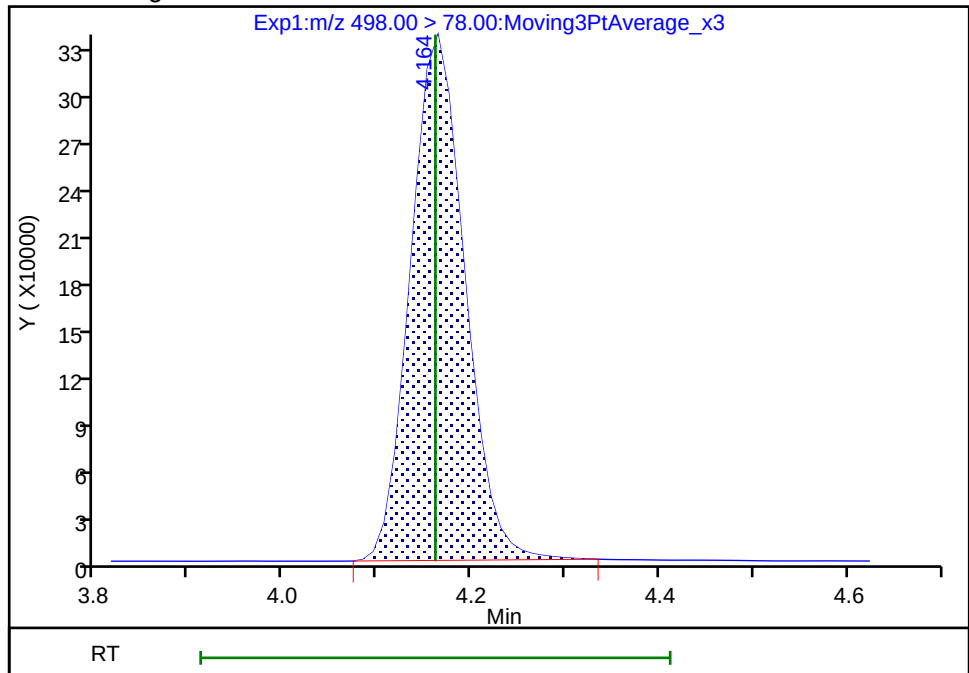
RT: 4.16
Area: 1333463
Amount: 1.058661
Amount Units: ng/ml

Processing Integration Results



RT: 4.16
Area: 1328632
Amount: 1.054825
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:33:28
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

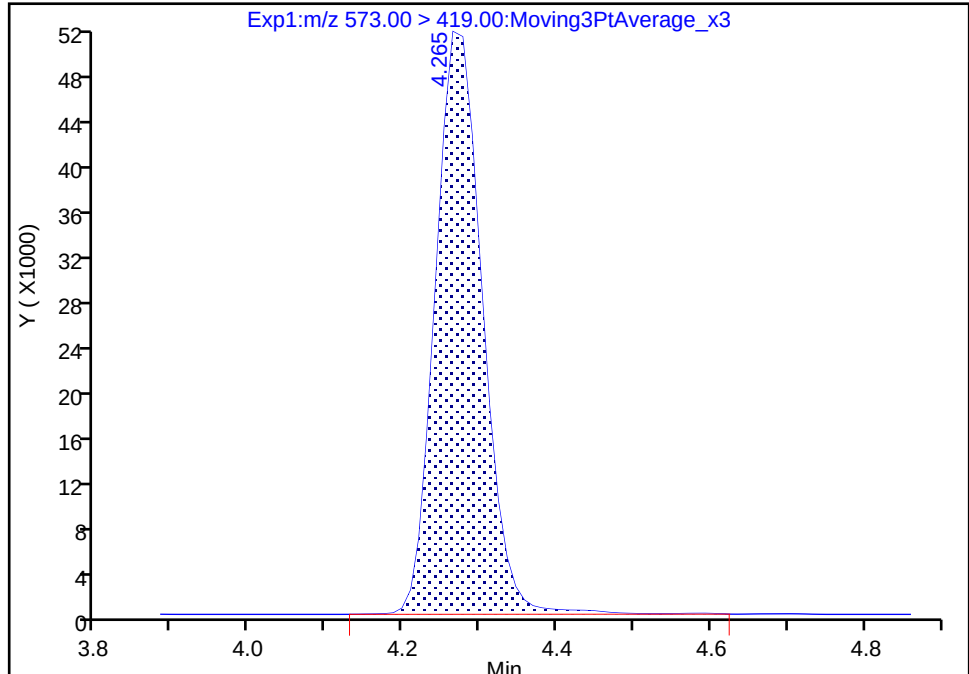
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 27 d3-NMeFOSAA, CAS: STL02118

Signal: 1

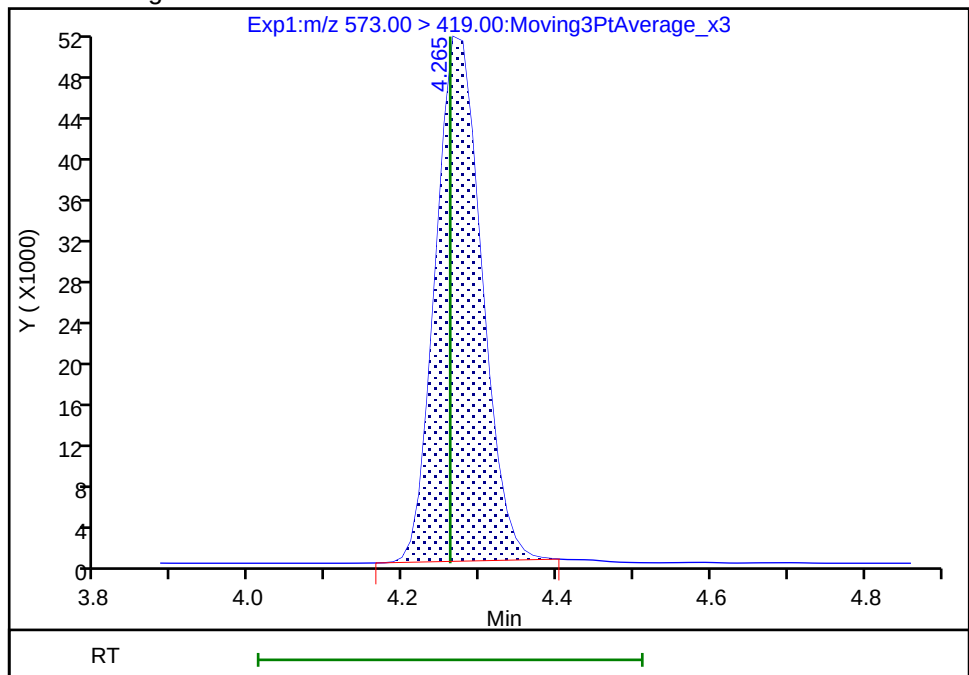
RT: 4.26
Area: 218220
Amount: 1.052573
Amount Units: ng/ml

Processing Integration Results



RT: 4.26
Area: 213581
Amount: 1.036395
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:46:30
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

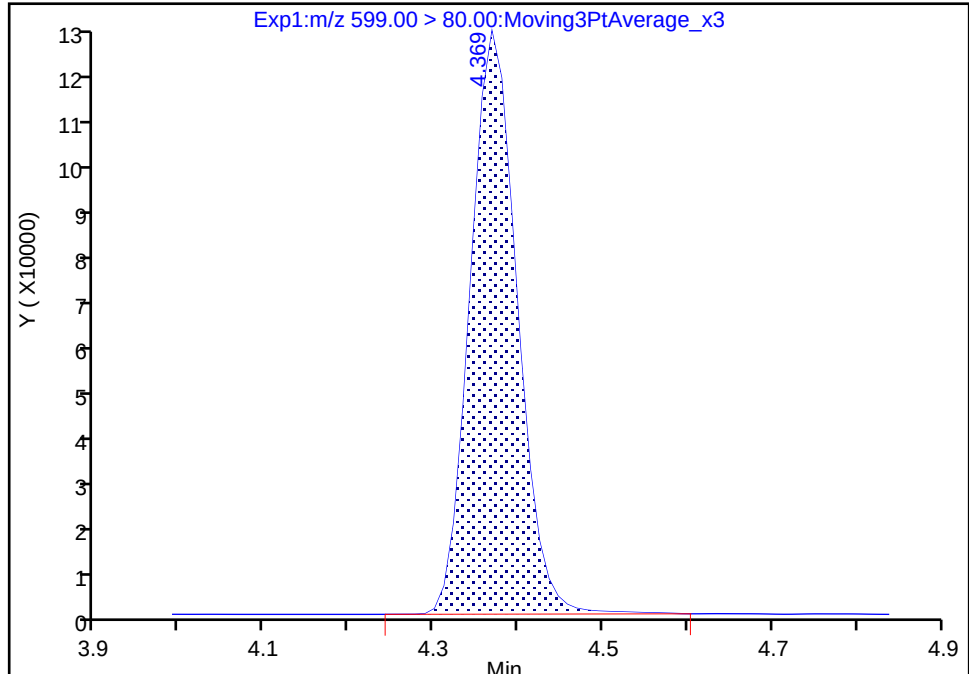
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

29 Perfluorodecanesulfonic acid, CAS: 335-77-3

Signal: 1

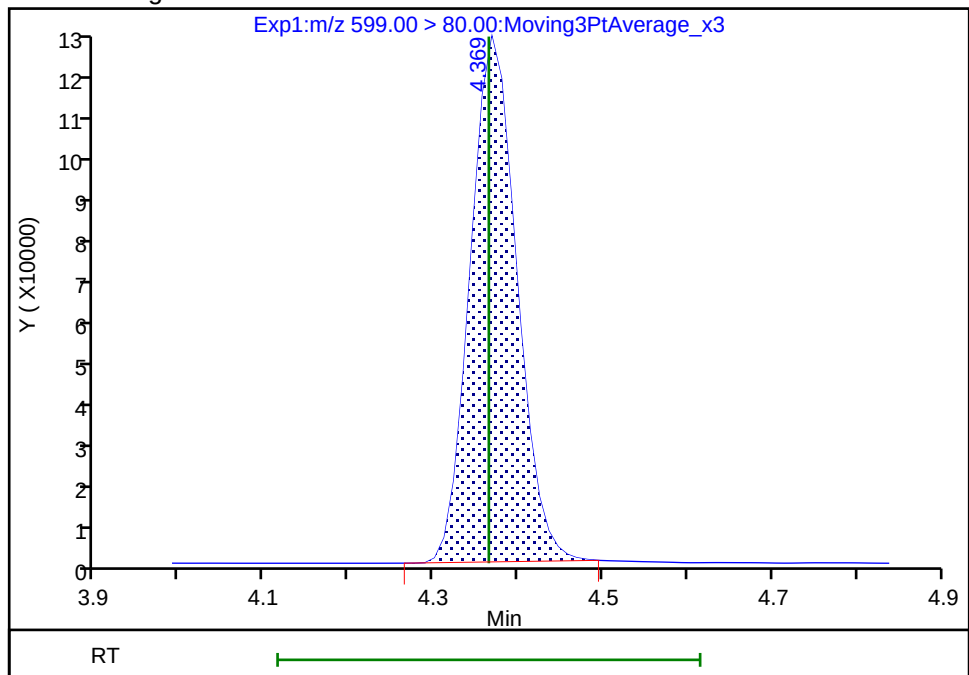
RT: 4.37
Area: 482679
Amount: 0.957383
Amount Units: ng/ml

Processing Integration Results



RT: 4.37
Area: 476707
Amount: 0.947769
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:33:56
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

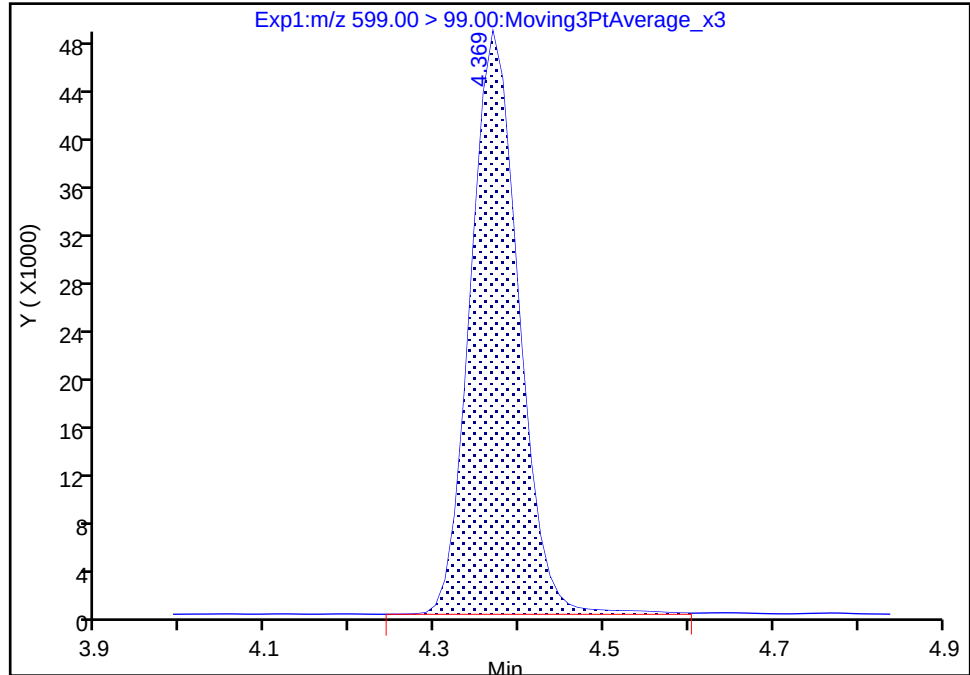
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

29 Perfluorodecanesulfonic acid, CAS: 335-77-3

Signal: 2

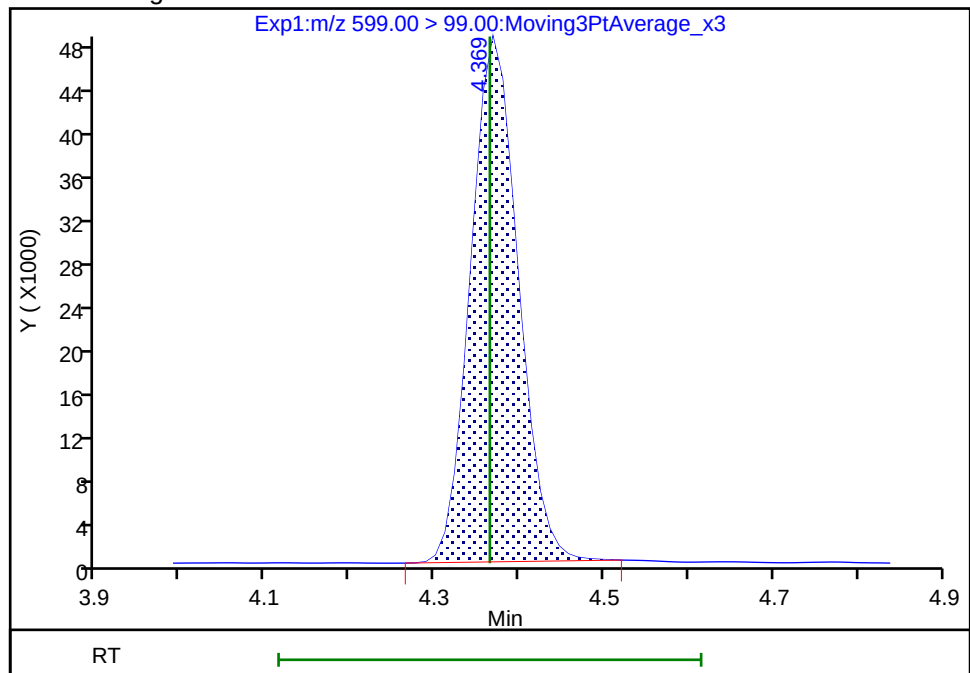
RT: 4.37
Area: 191099
Amount: 0.957383
Amount Units: ng/ml

Processing Integration Results



RT: 4.37
Area: 187894
Amount: 0.947769
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:34:13

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

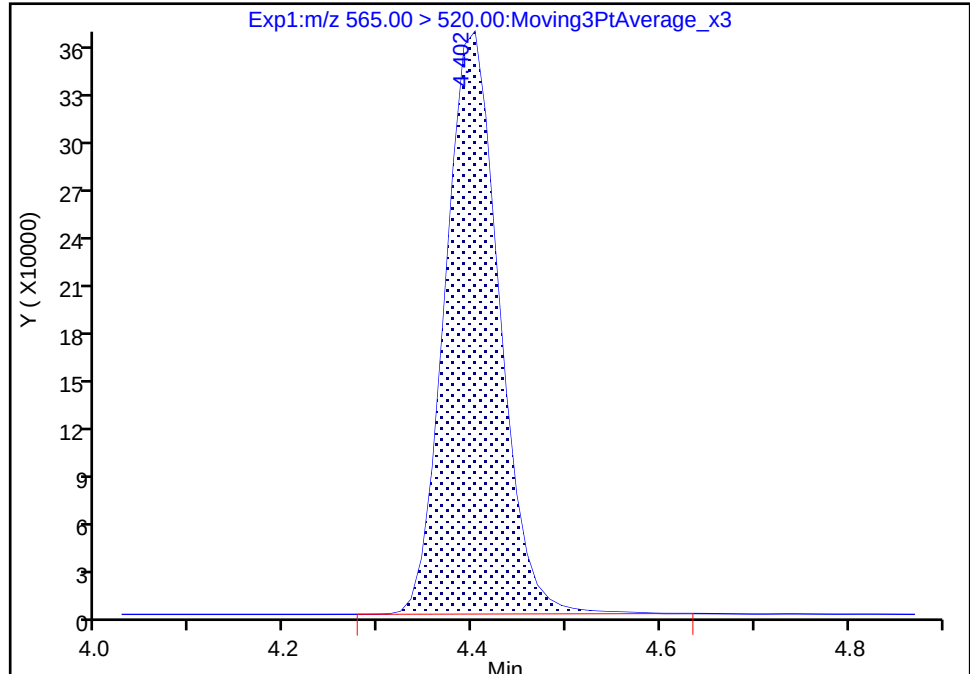
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 30 13C2 PFUnA, CAS: STL00997

Signal: 1

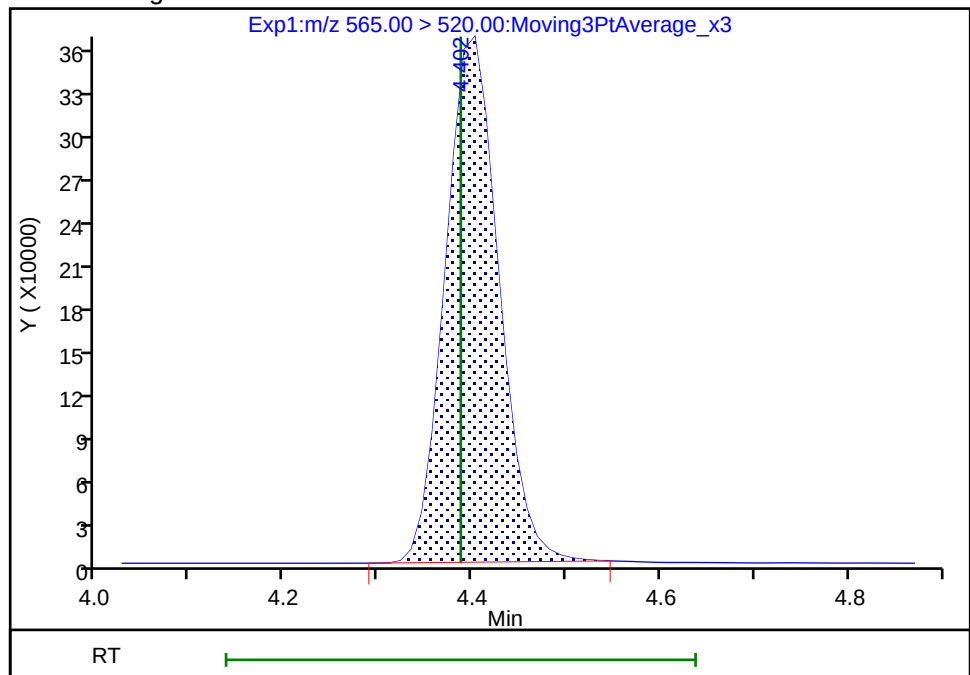
RT: 4.40
Area: 1457426
Amount: 1.243561
Amount Units: ng/ml

Processing Integration Results



RT: 4.40
Area: 1445654
Amount: 1.240937
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:46:37

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

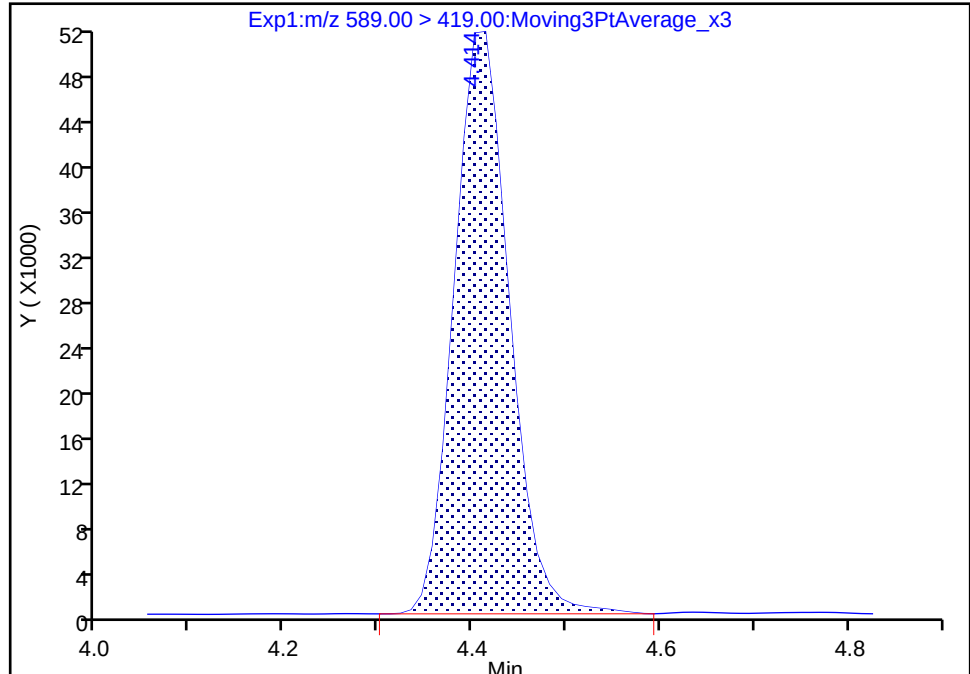
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 32 d5-NEtFOSAA, CAS: STL02117

Signal: 1

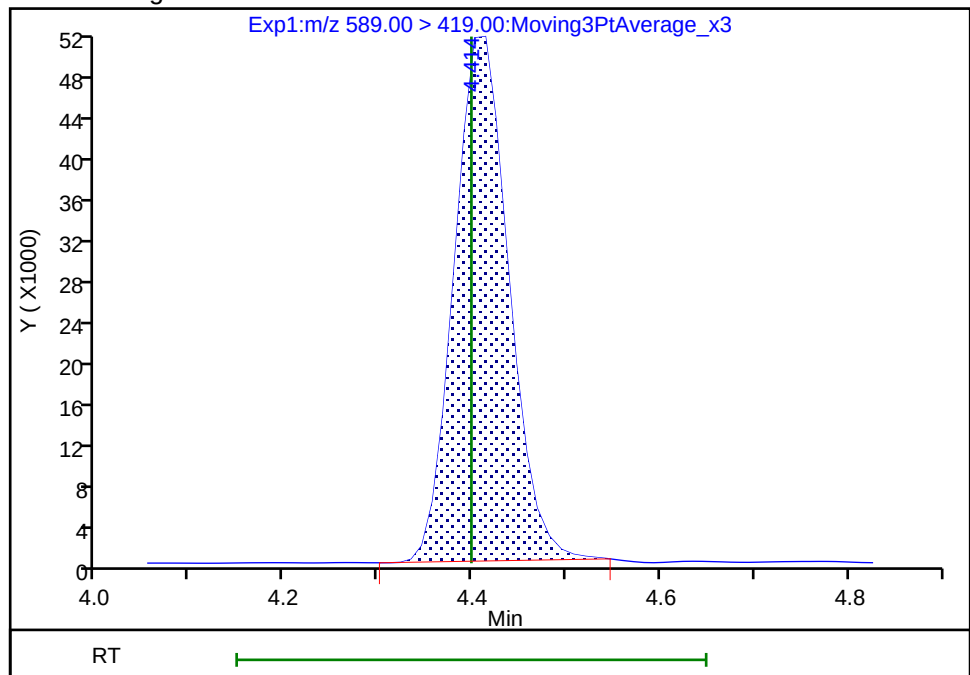
RT: 4.41
Area: 209866
Amount: 1.069464
Amount Units: ng/ml

Processing Integration Results



RT: 4.41
Area: 206672
Amount: 1.059523
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:47:34
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

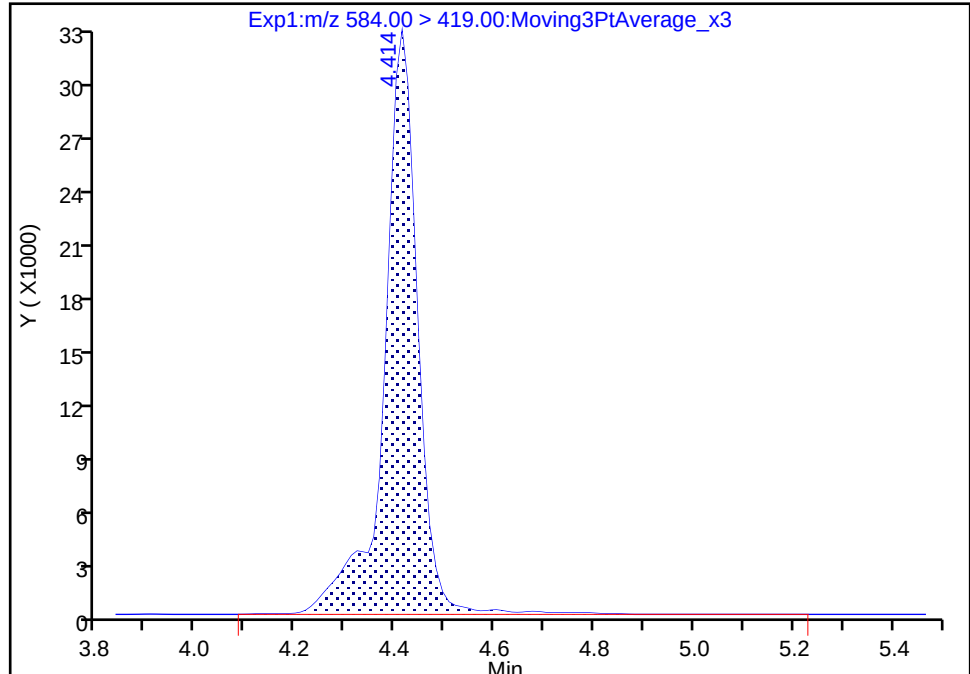
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

33 N-ethylperfluorooctanesulfonamid, CAS: 2991-50-6

Signal: 1

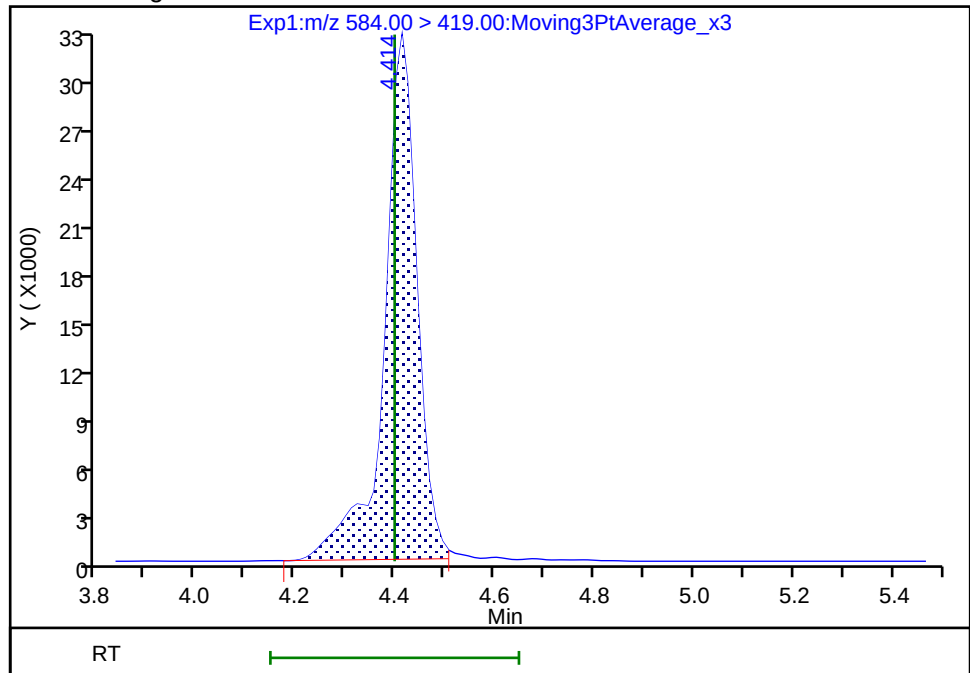
RT: 4.41
Area: 152738
Amount: 1.002004
Amount Units: ng/ml

Processing Integration Results



RT: 4.41
Area: 147337
Amount: 0.981510
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:34:35
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

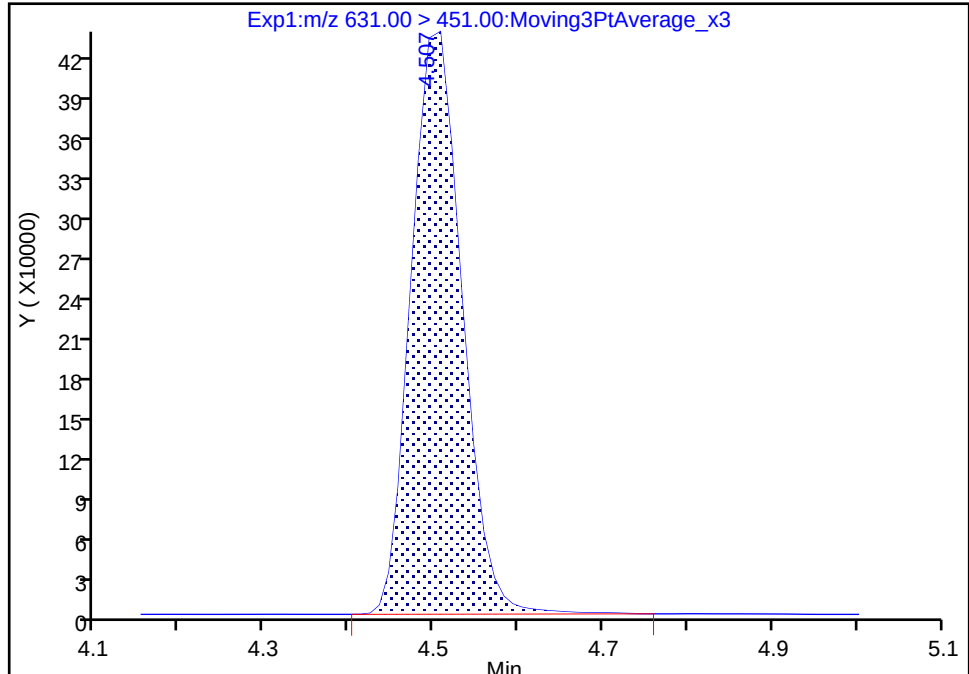
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

66 11-Chloroeicosafluoro-3-oxaundec, CAS: 763051-92-9

Signal: 1

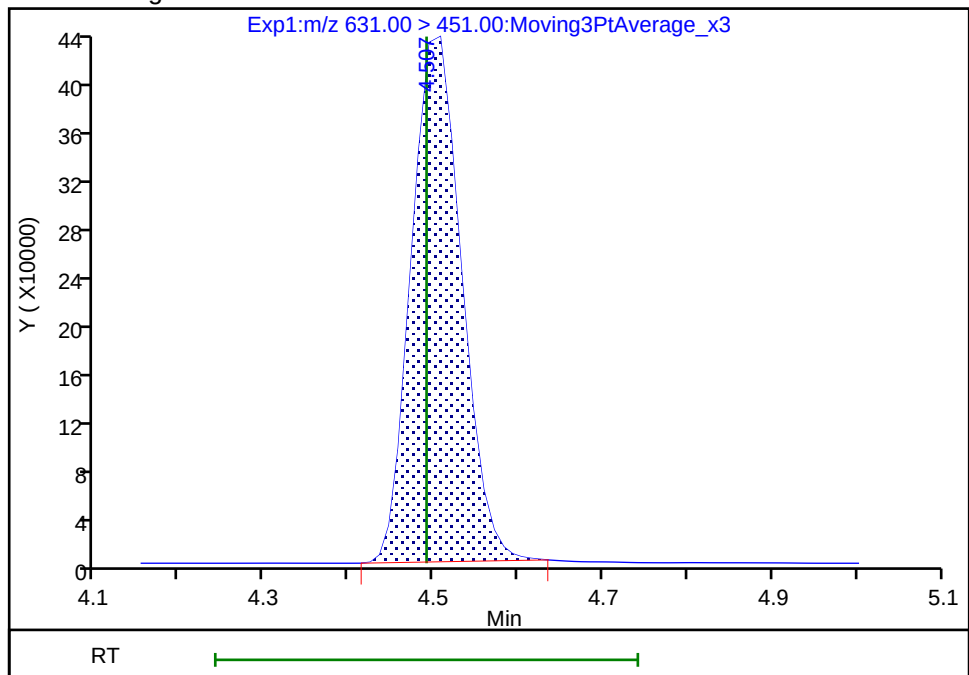
RT: 4.51
Area: 1806014
Amount: 0.907790
Amount Units: ng/ml

Processing Integration Results



RT: 4.51
Area: 1783057
Amount: 0.898366
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:34:53
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

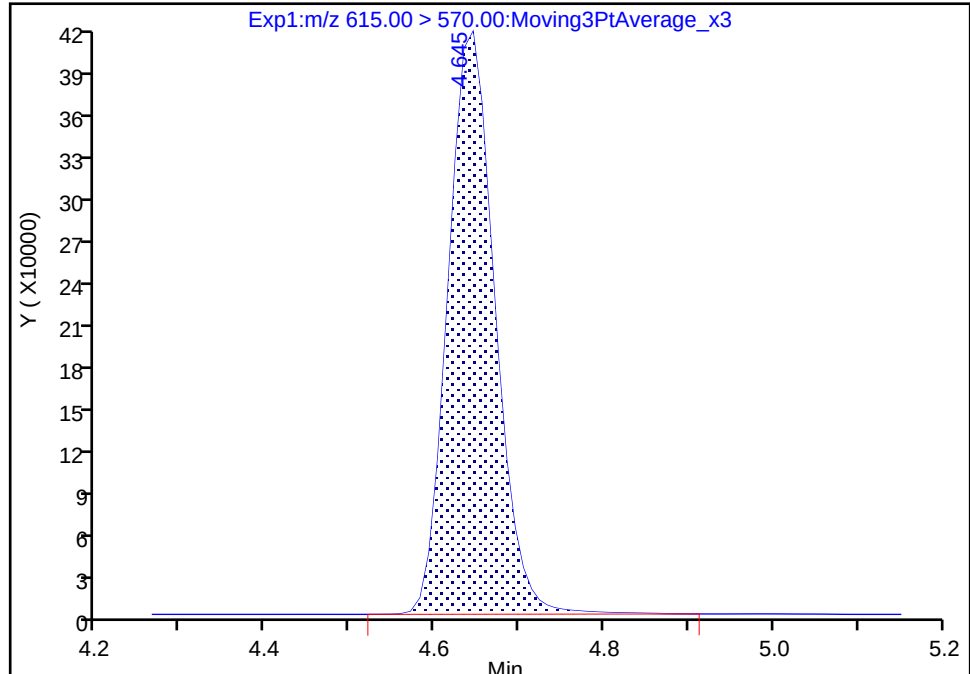
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 36 13C2 PFD_oA, CAS: STL00998

Signal: 1

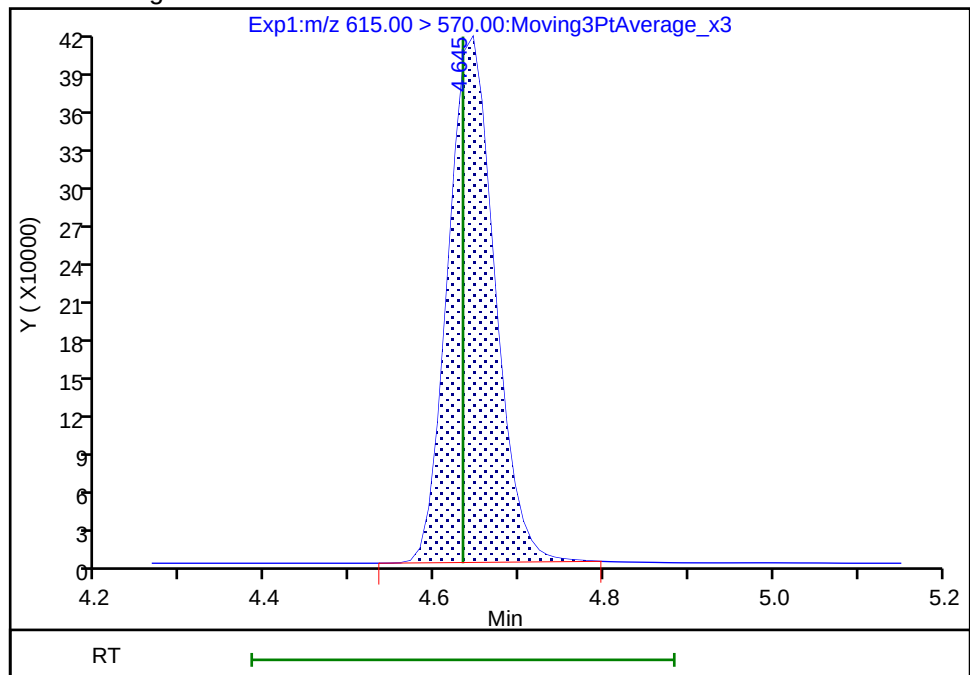
RT: 4.64
Area: 1607976
Amount: 1.324035
Amount Units: ng/ml

Processing Integration Results



RT: 4.64
Area: 1594496
Amount: 1.320833
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:47:46

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

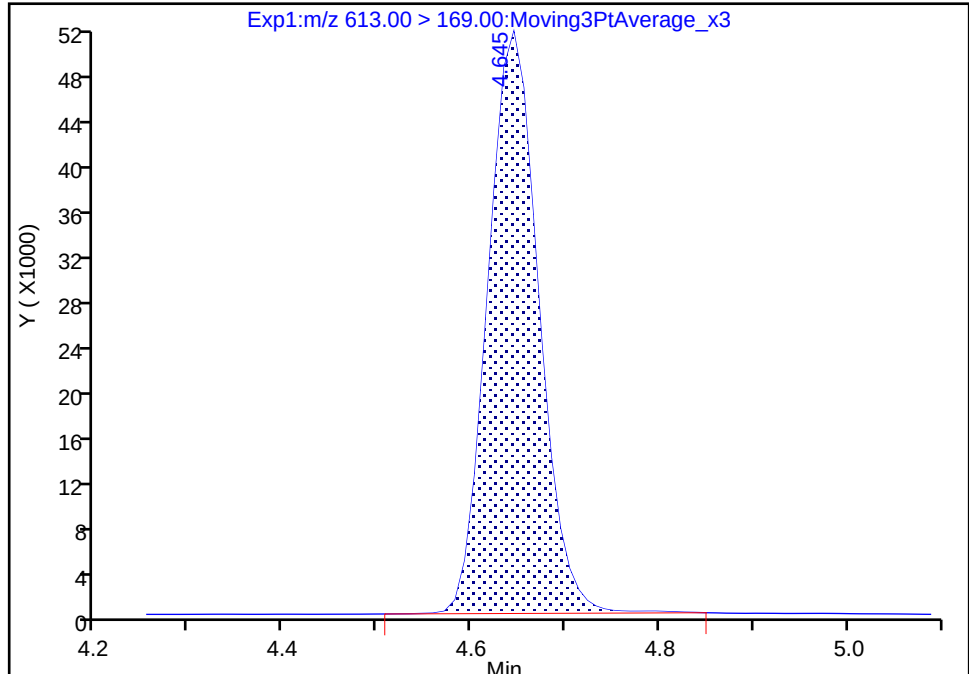
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

37 Perfluorododecanoic acid, CAS: 307-55-1

Signal: 2

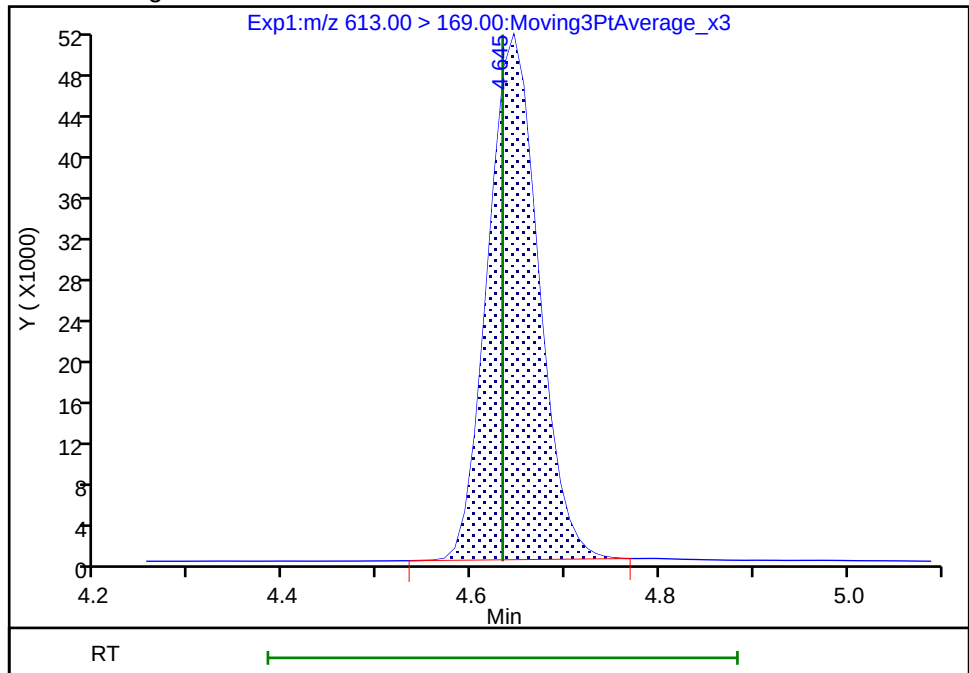
RT: 4.64
Area: 194966
Amount: 0.963525
Amount Units: ng/ml

Processing Integration Results



RT: 4.64
Area: 193405
Amount: 0.962243
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:14:06

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

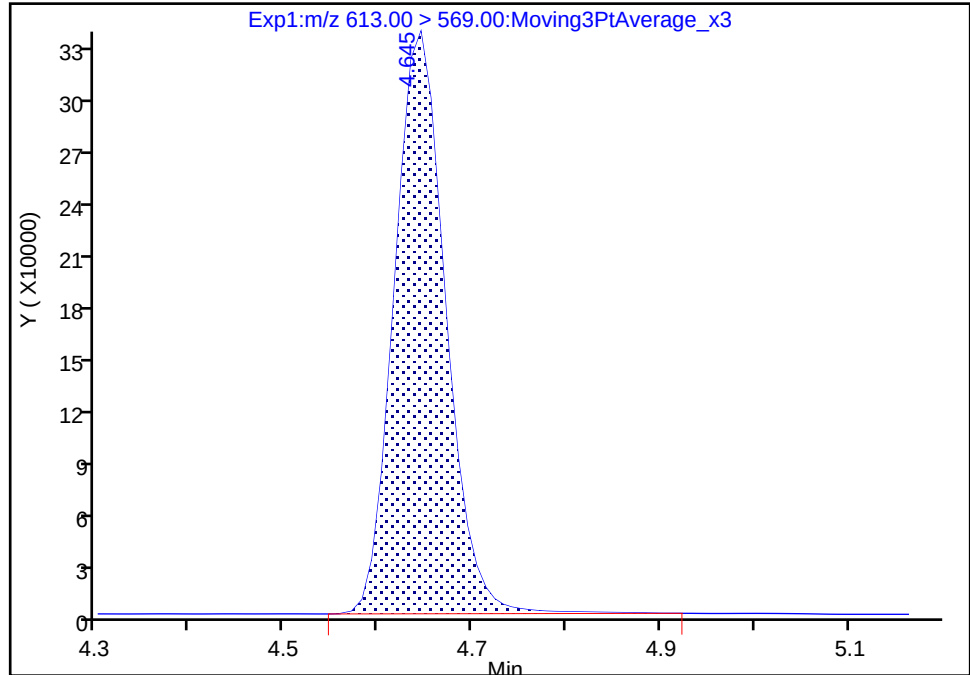
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

37 Perfluorododecanoic acid, CAS: 307-55-1

Signal: 1

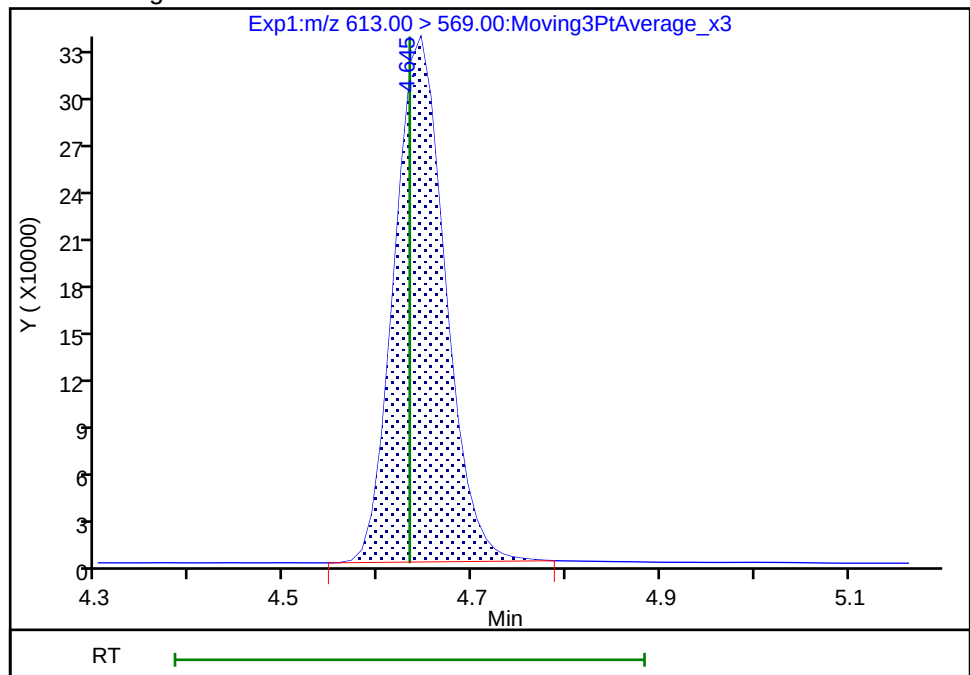
RT: 4.64
Area: 1256976
Amount: 0.963525
Amount Units: ng/ml

Processing Integration Results



RT: 4.64
Area: 1244780
Amount: 0.962243
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:14:10

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

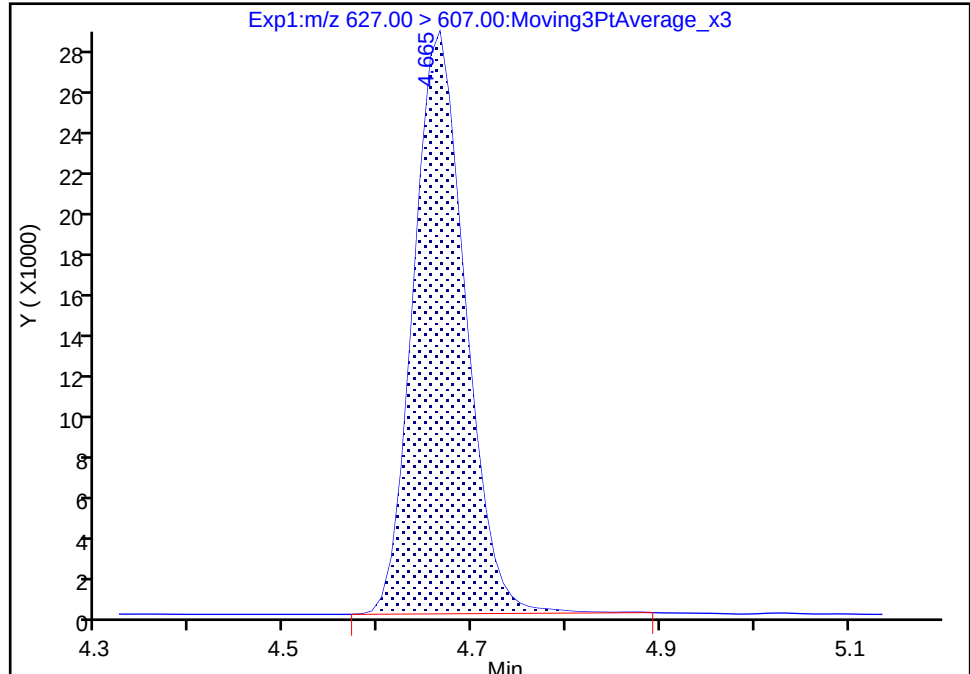
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

74 1H,1H,2H,2H-perfluorododecanesul, CAS: 120226-60-0

Signal: 1

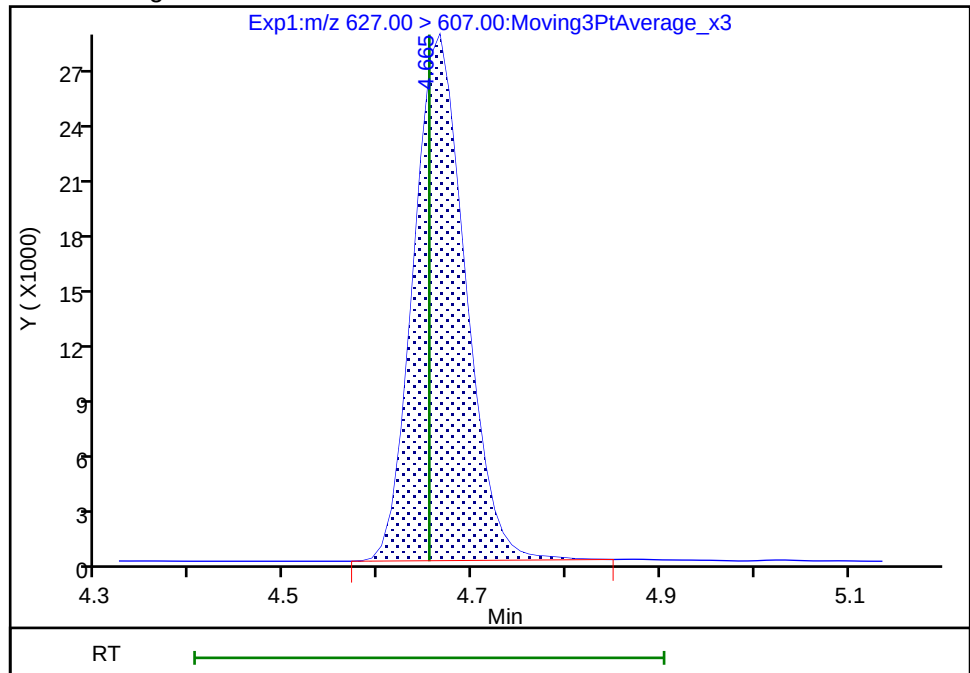
RT: 4.67
Area: 108811
Amount: 1.076900
Amount Units: ng/ml

Processing Integration Results



RT: 4.67
Area: 108599
Amount: 1.074802
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:14:16

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

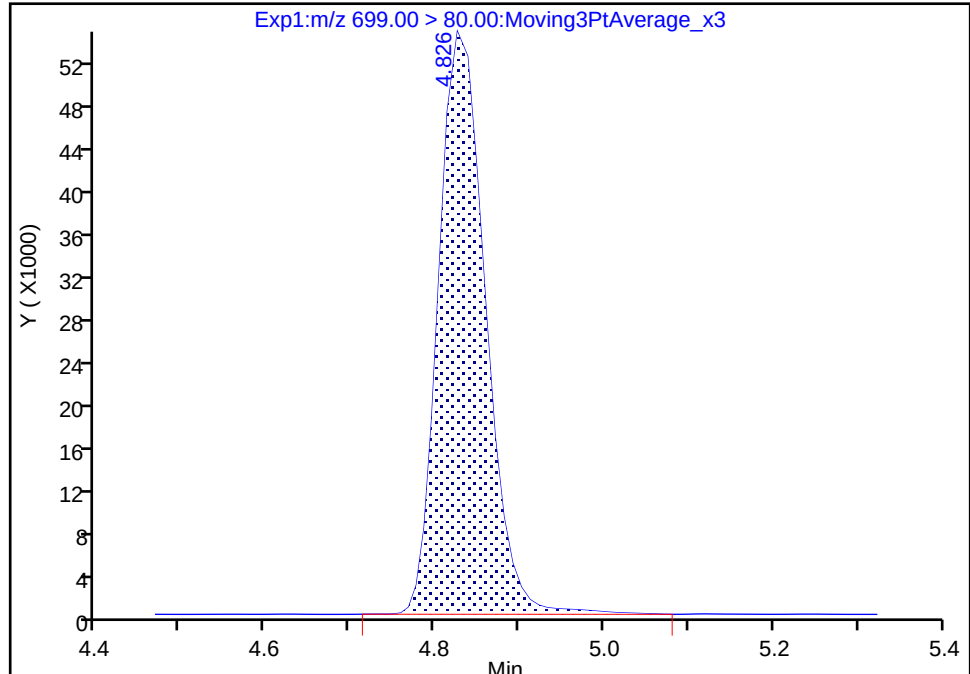
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

75 Perfluorododecanesulfonic acid (, CAS: 79780-39-5

Signal: 1

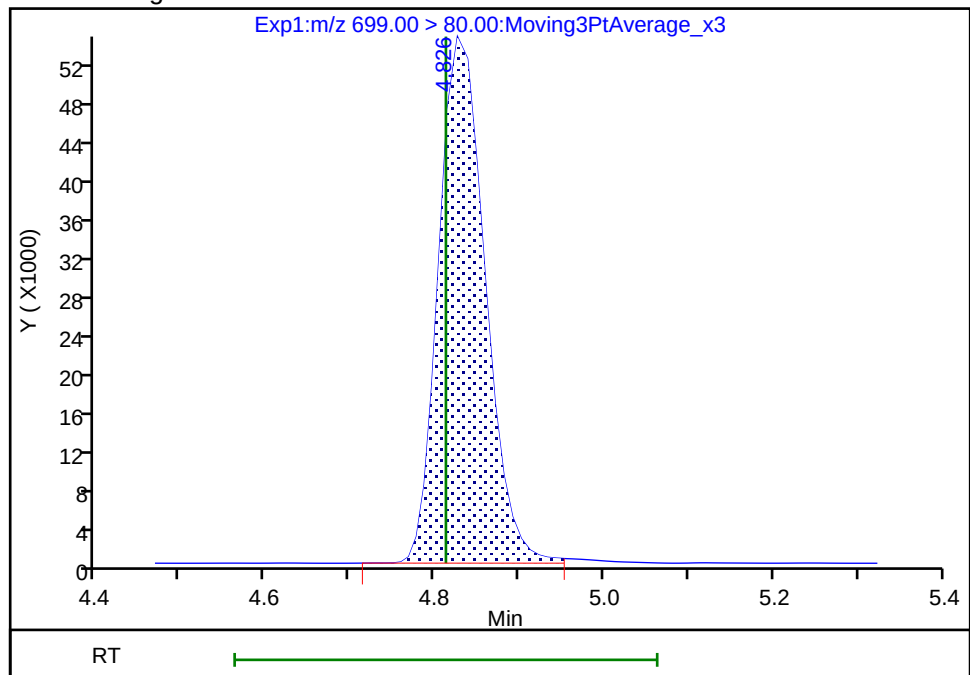
RT: 4.83
Area: 208774
Amount: 0.932655
Amount Units: ng/ml

Processing Integration Results



RT: 4.83
Area: 207292
Amount: 0.928220
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:14:22

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

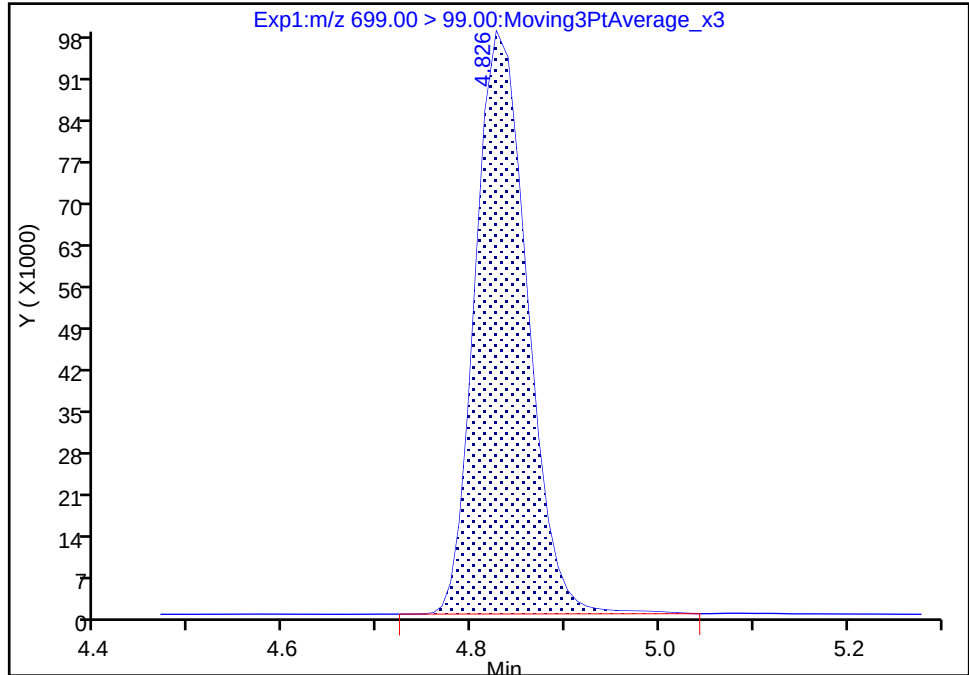
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

75 Perfluorododecanesulfonic acid (, CAS: 79780-39-5

Signal: 2

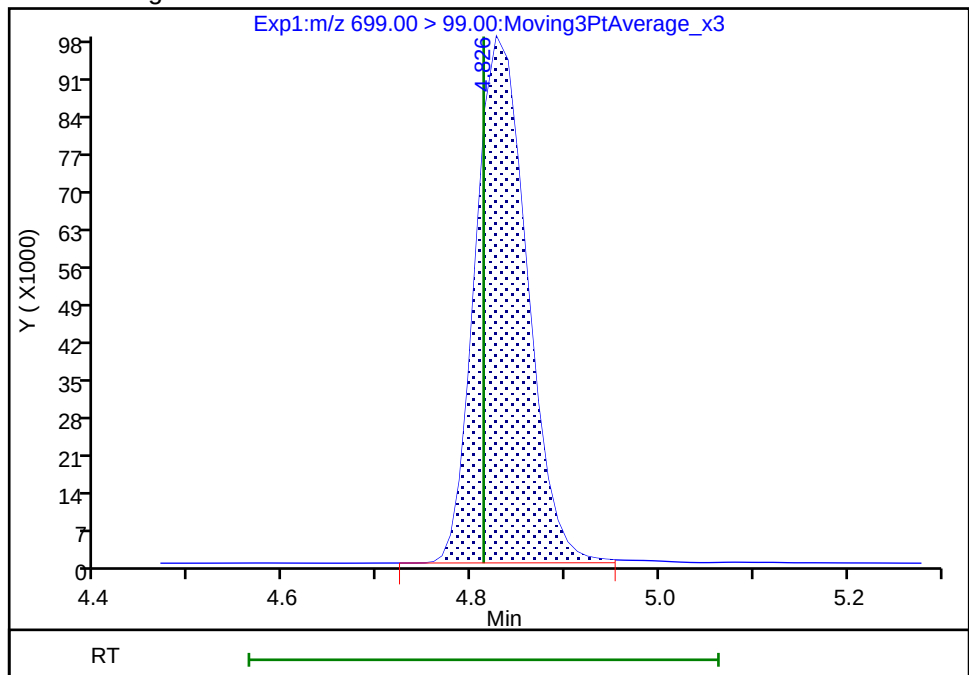
RT: 4.83
Area: 376970
Amount: 0.932655
Amount Units: ng/ml

Processing Integration Results



RT: 4.83
Area: 375441
Amount: 0.928220
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:14:25

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

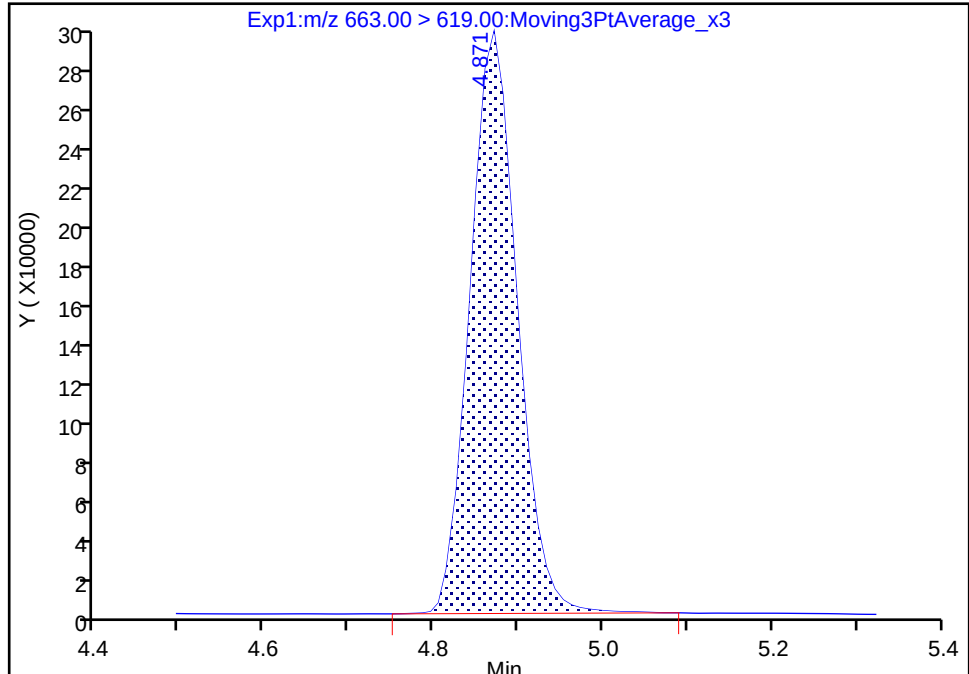
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

41 Perfluorotridecanoic acid, CAS: 72629-94-8

Signal: 1

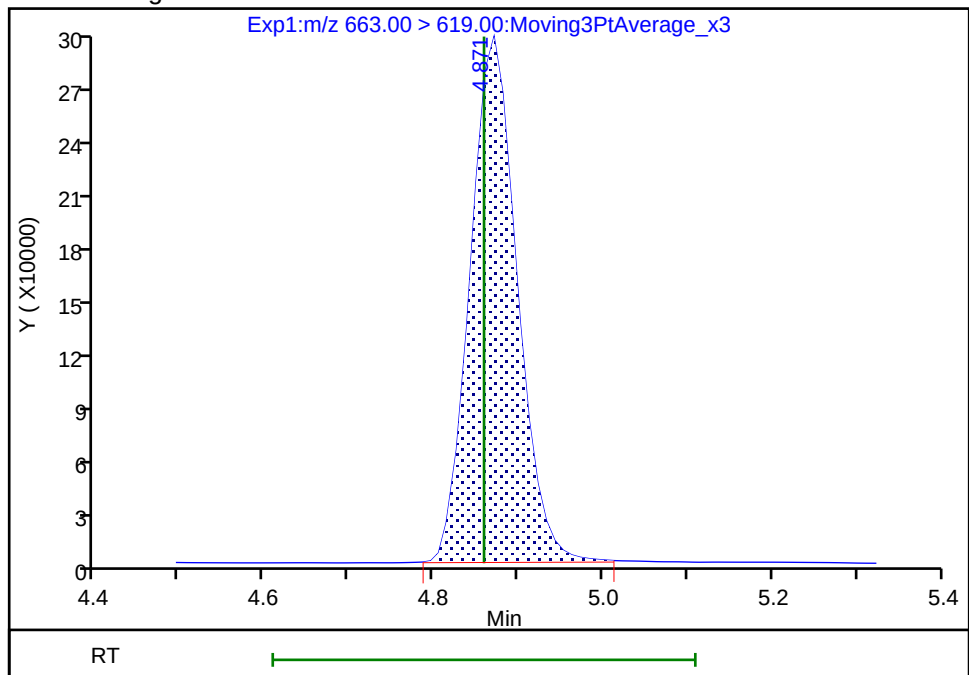
RT: 4.87
Area: 1127799
Amount: 0.997277
Amount Units: ng/ml

Processing Integration Results



RT: 4.87
Area: 1126076
Amount: 1.004171
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:14:33

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

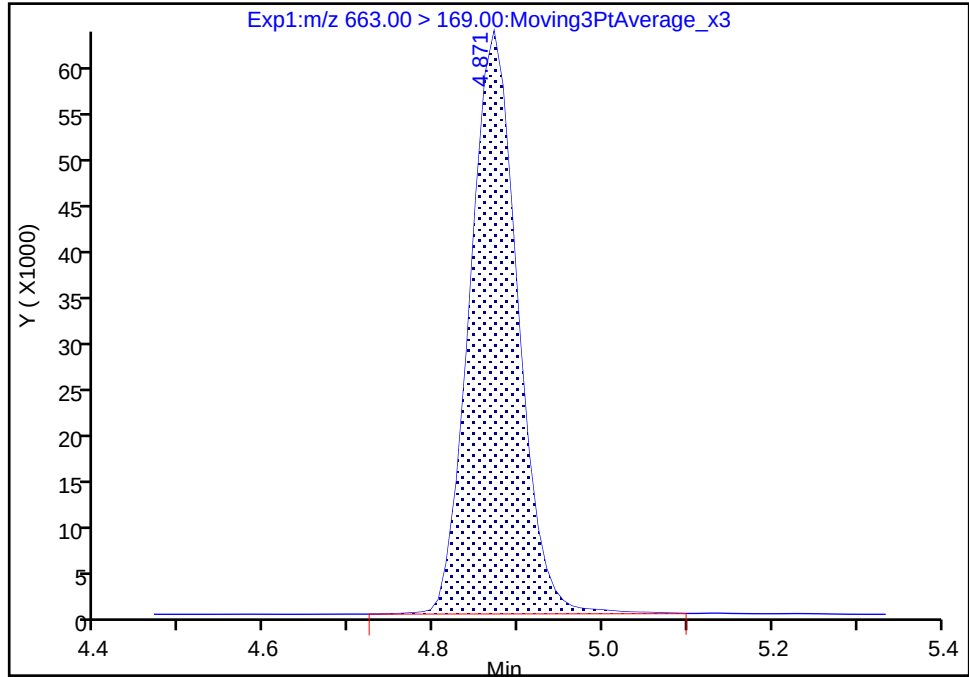
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

41 Perfluorotridecanoic acid, CAS: 72629-94-8

Signal: 2

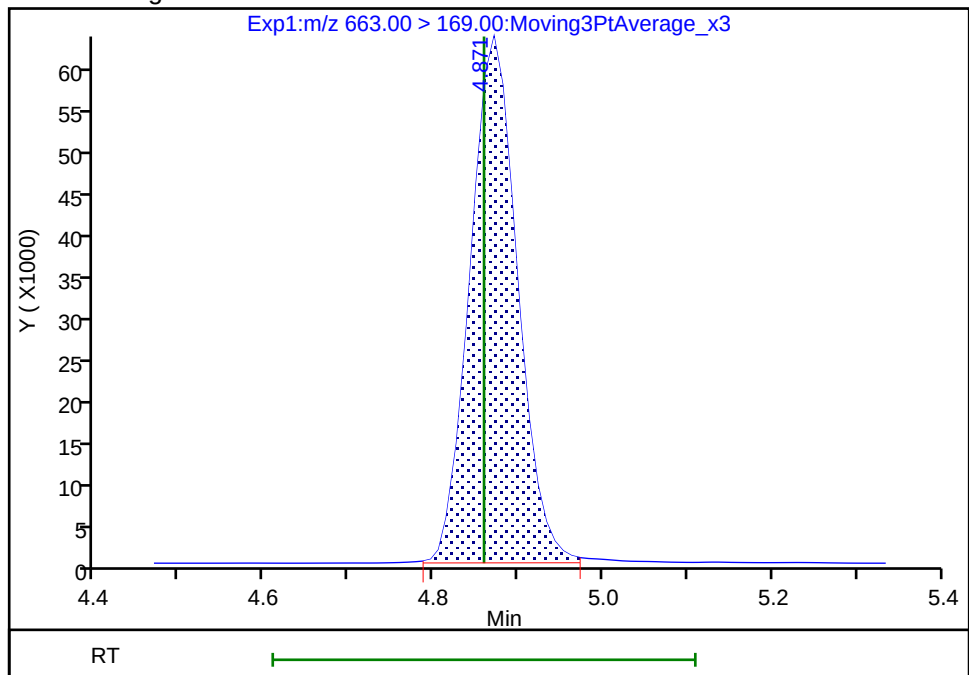
RT: 4.87
Area: 247459
Amount: 0.997277
Amount Units: ng/ml

Processing Integration Results



RT: 4.87
Area: 245455
Amount: 1.004171
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:14:37

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

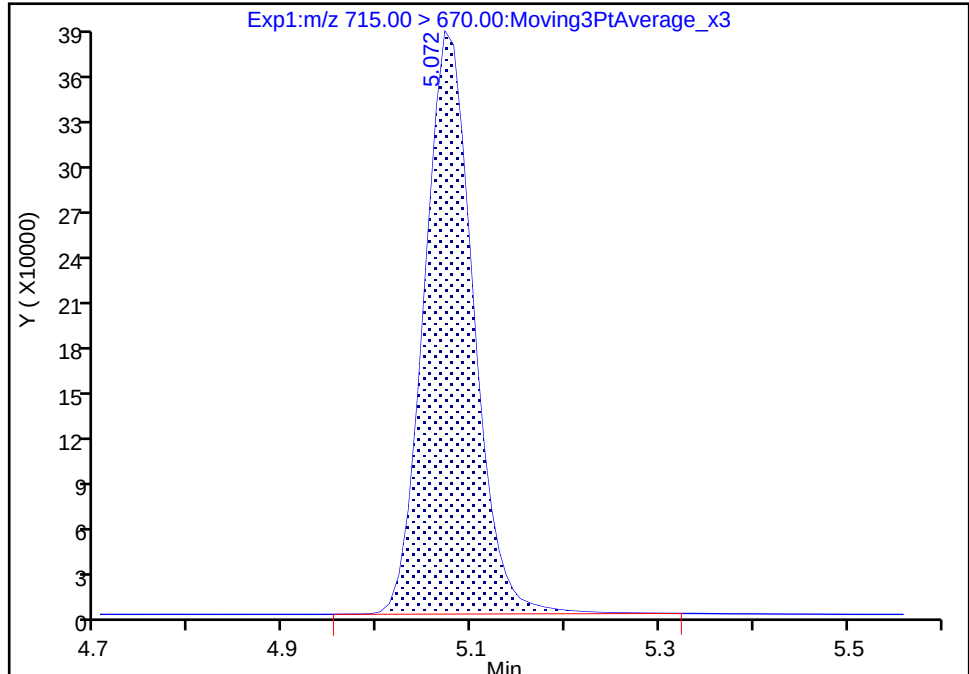
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 43 13C2 PFTeDA, CAS: STL02116

Signal: 1

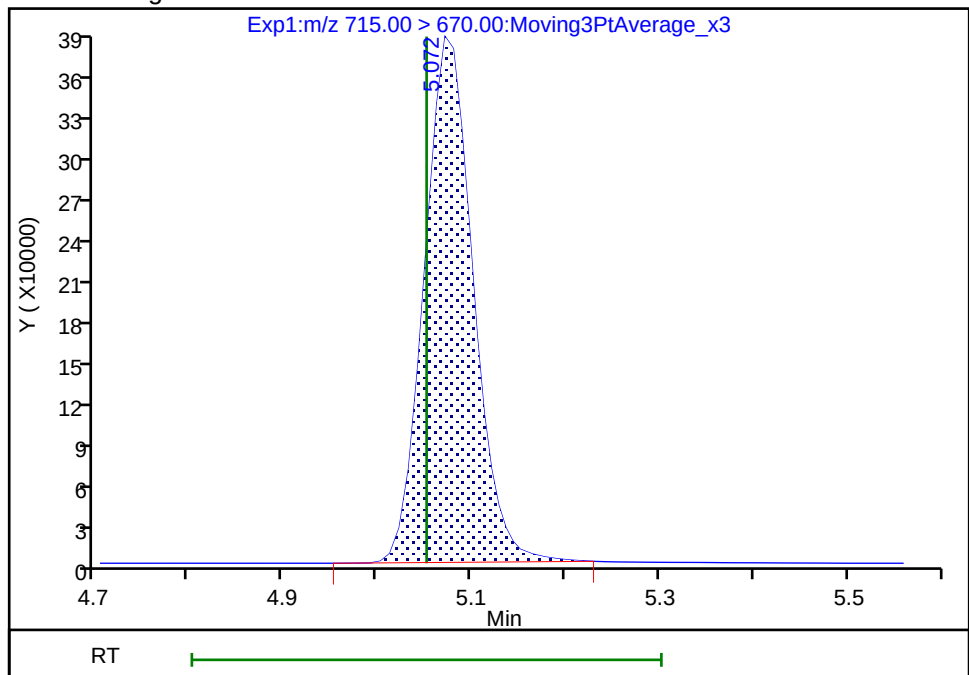
RT: 5.07
Area: 1389745
Amount: 1.399853
Amount Units: ng/ml

Processing Integration Results



RT: 5.07
Area: 1380069
Amount: 1.398469
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:47:54
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

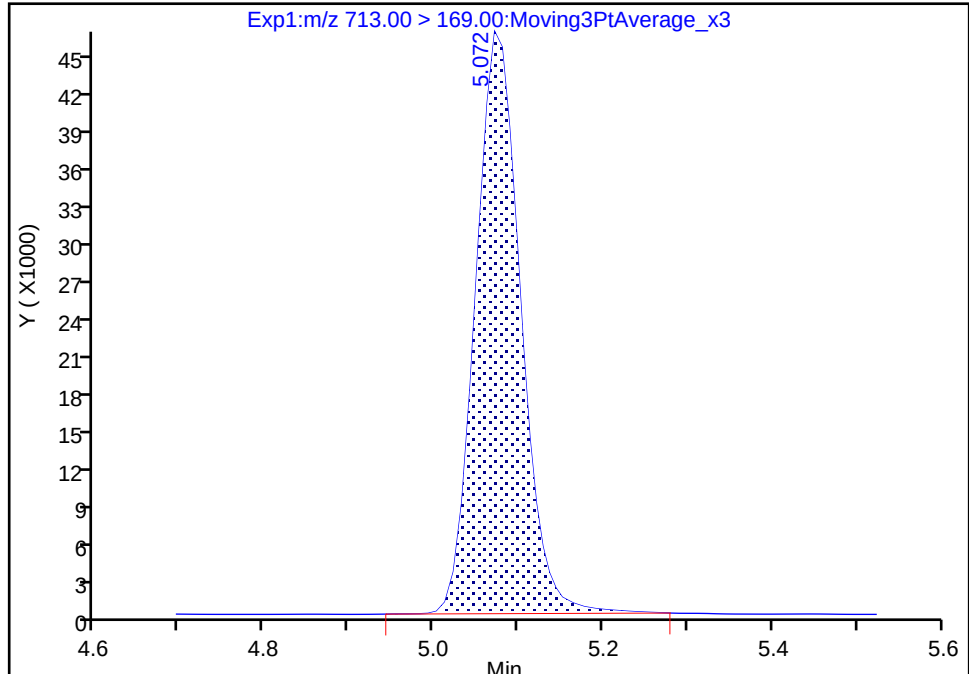
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

42 Perfluorotetradecanoic acid, CAS: 376-06-7

Signal: 1

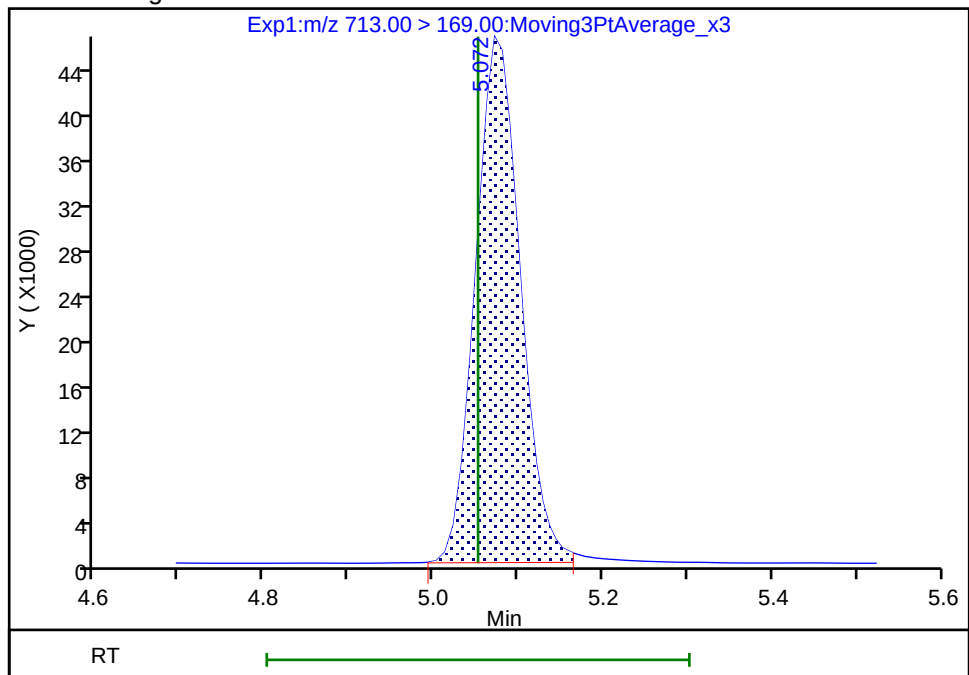
RT: 5.07
Area: 173875
Amount: 0.976156
Amount Units: ng/ml

Processing Integration Results



RT: 5.07
Area: 172118
Amount: 0.973067
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:14:48
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d

Injection Date: 04-Aug-2022 20:34:04

Instrument ID: LC812

Lims ID: CCV L4

Client ID:

Operator ID: lc812tech

ALS Bottle#: 1

Worklist Smp#: 1

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

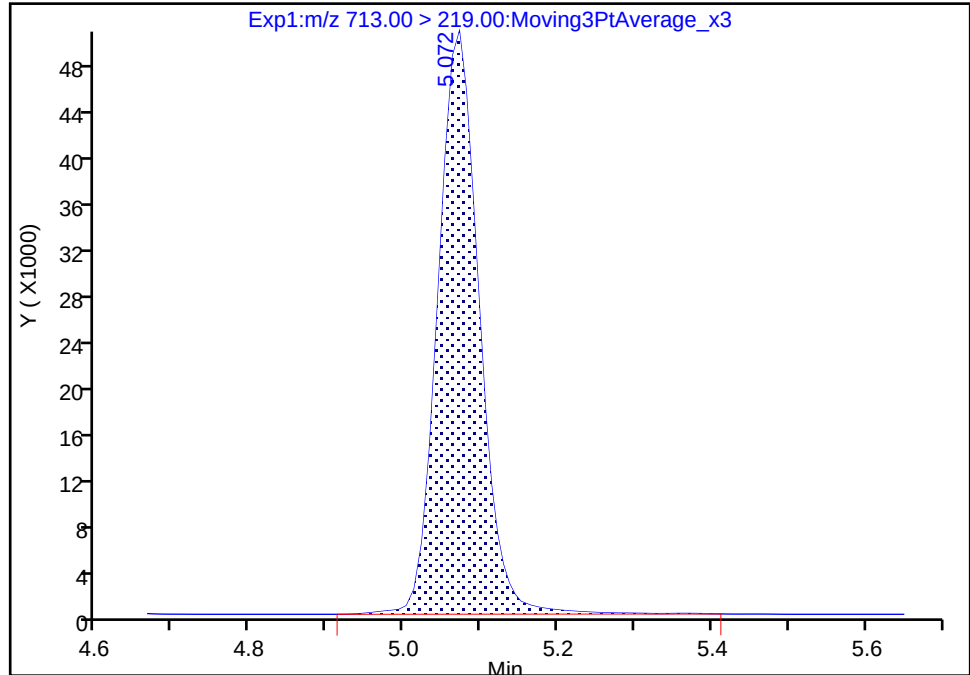
Detector: EXP1

42 Perfluorotetradecanoic acid, CAS: 376-06-7

Signal: 2

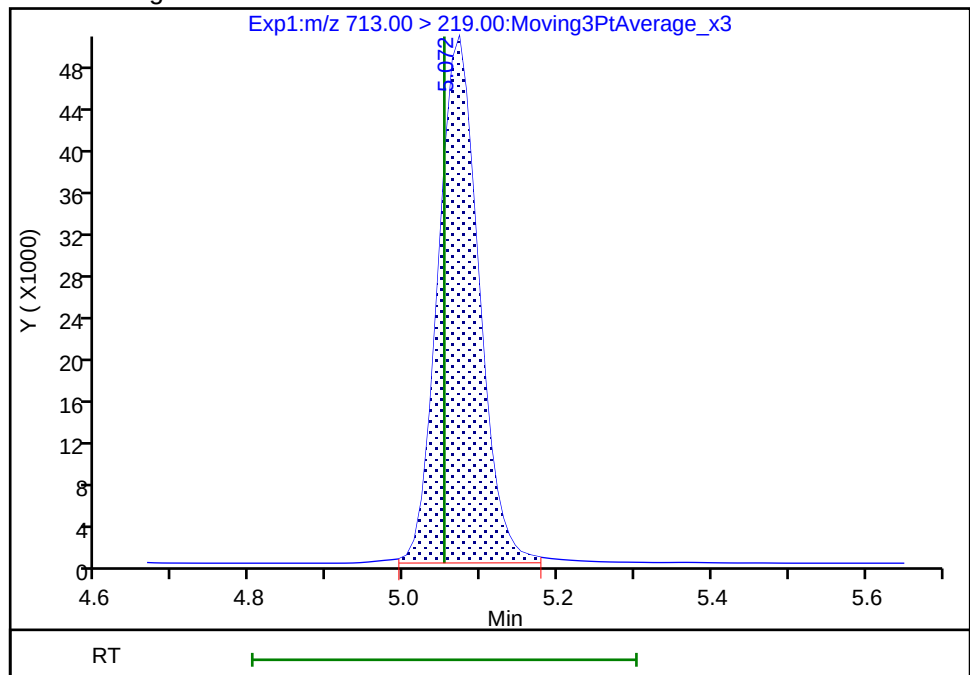
RT: 5.07
Area: 186569
Amount: 0.976156
Amount Units: ng/ml

Processing Integration Results



RT: 5.07
Area: 183933
Amount: 0.973067
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:14:57

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

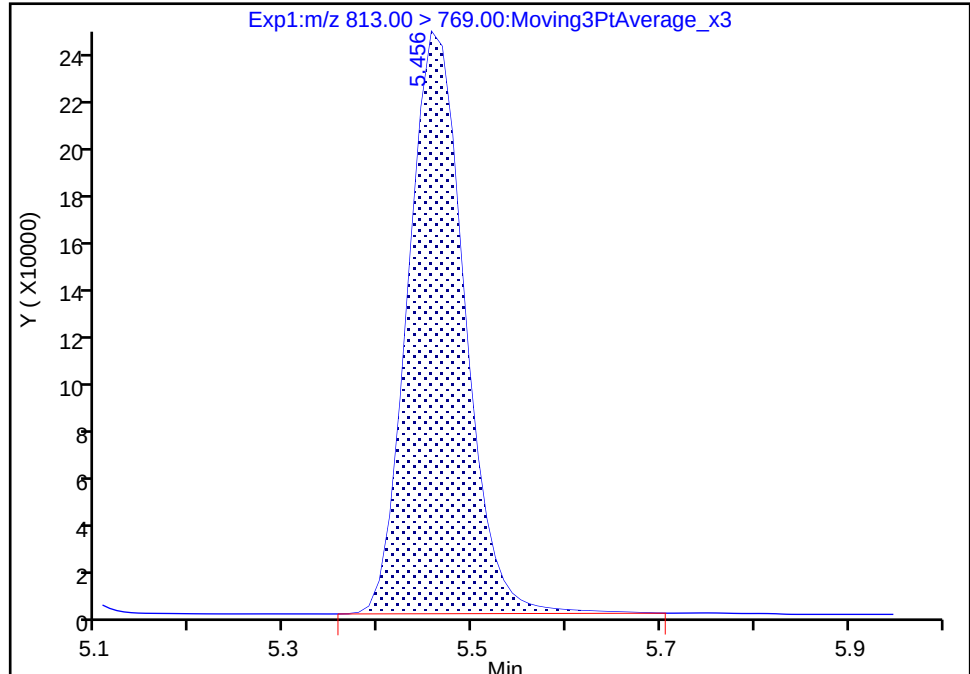
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

45 Perfluorohexadecanoic acid, CAS: 67905-19-5

Signal: 1

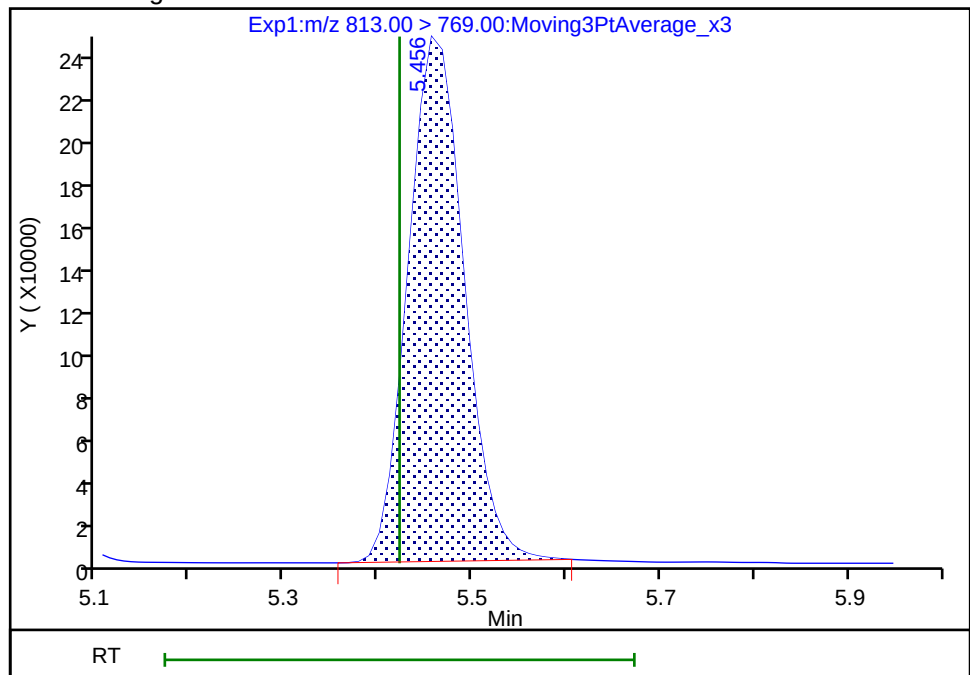
RT: 5.46
Area: 1035307
Amount: 1.023427
Amount Units: ng/ml

Processing Integration Results



RT: 5.46
Area: 1021274
Amount: 1.009274
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:48:00

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d

Injection Date: 04-Aug-2022 20:34:04

Instrument ID: LC812

Lims ID: CCV L4

Client ID:

Operator ID: lc812tech

ALS Bottle#:

1

Worklist Smp#: 1

Injection Vol: 20.0 ul

Dil. Factor:

1.0000

Method: PFC_LC812

Limit Group:

LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

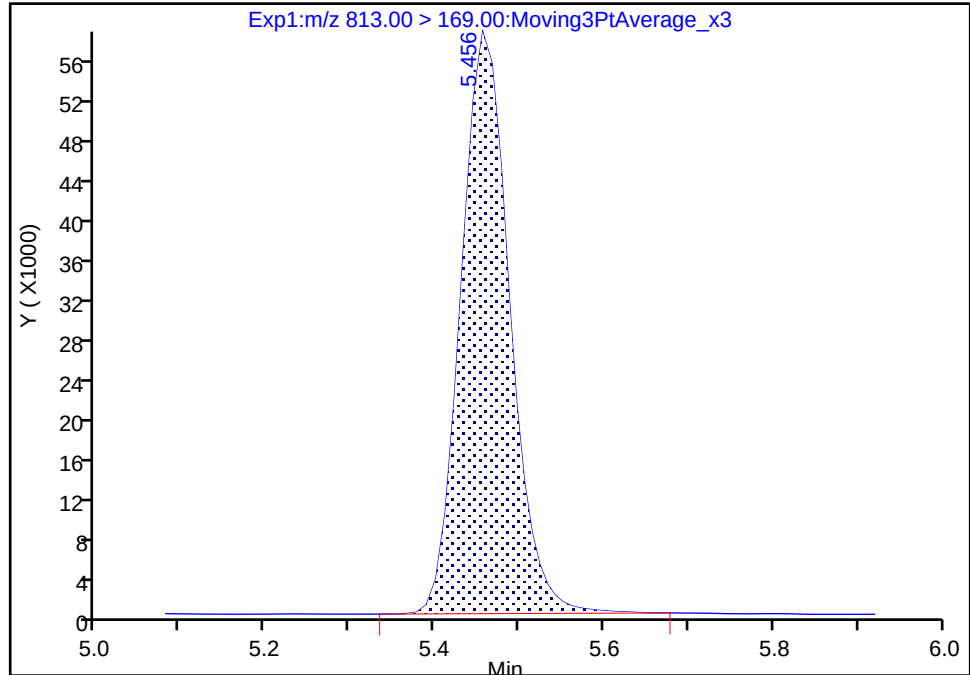
EXP1

45 Perfluorohexadecanoic acid, CAS: 67905-19-5

Signal: 2

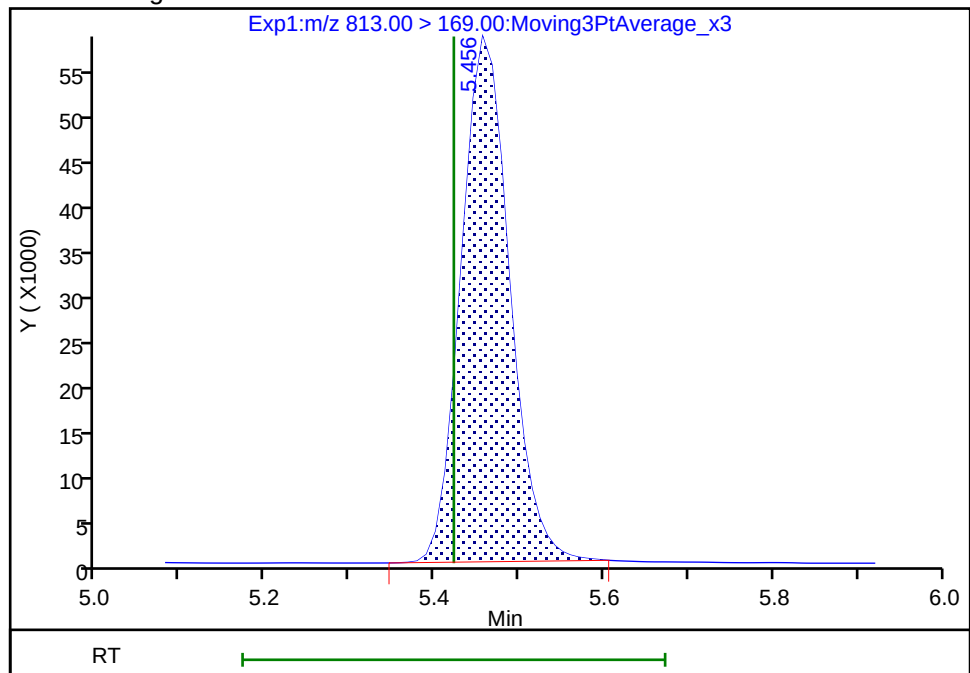
RT: 5.46
Area: 233581
Amount: 1.023427
Amount Units: ng/ml

Processing Integration Results



RT: 5.46
Area: 231673
Amount: 1.009274
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:48:03

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

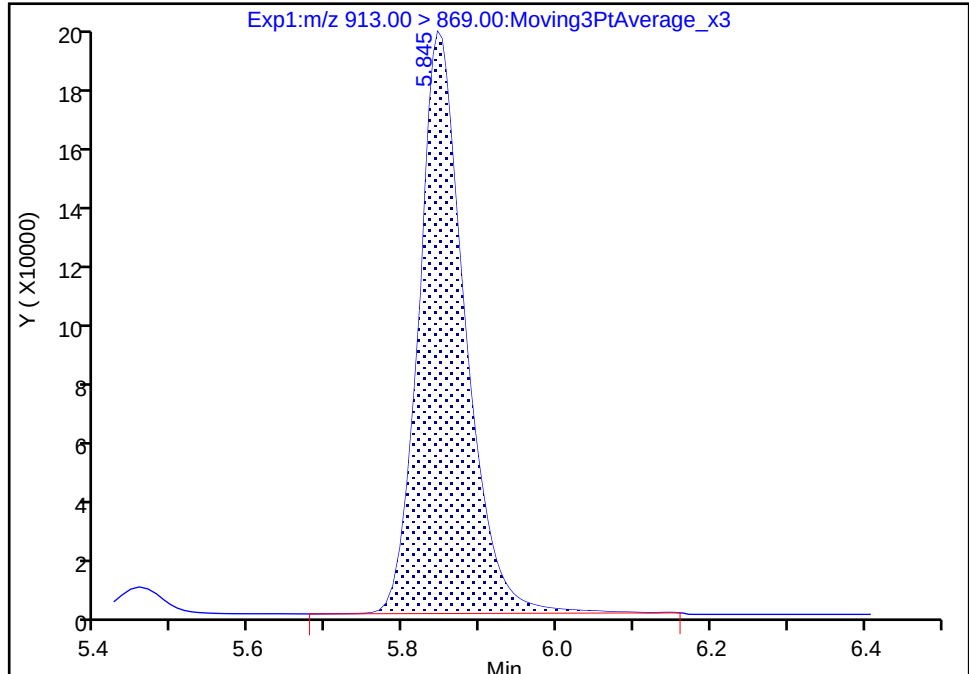
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

46 Perfluorooctadecanoic acid, CAS: 16517-11-6

Signal: 1

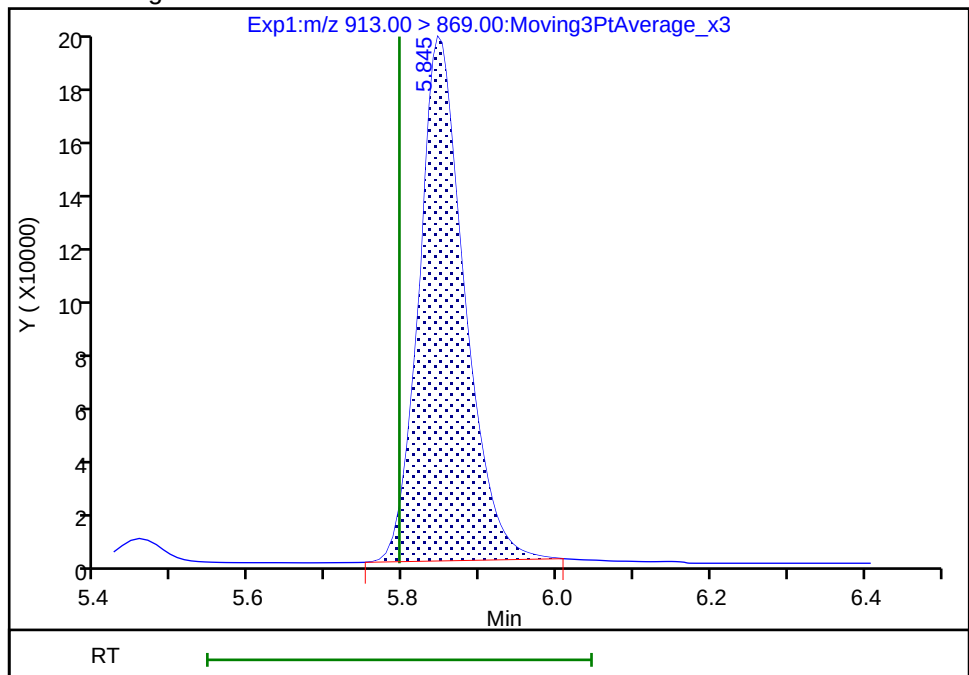
RT: 5.84
Area: 803662
Amount: 1.089837
Amount Units: ng/ml

Processing Integration Results



RT: 5.84
Area: 788615
Amount: 1.069432
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:35:41
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

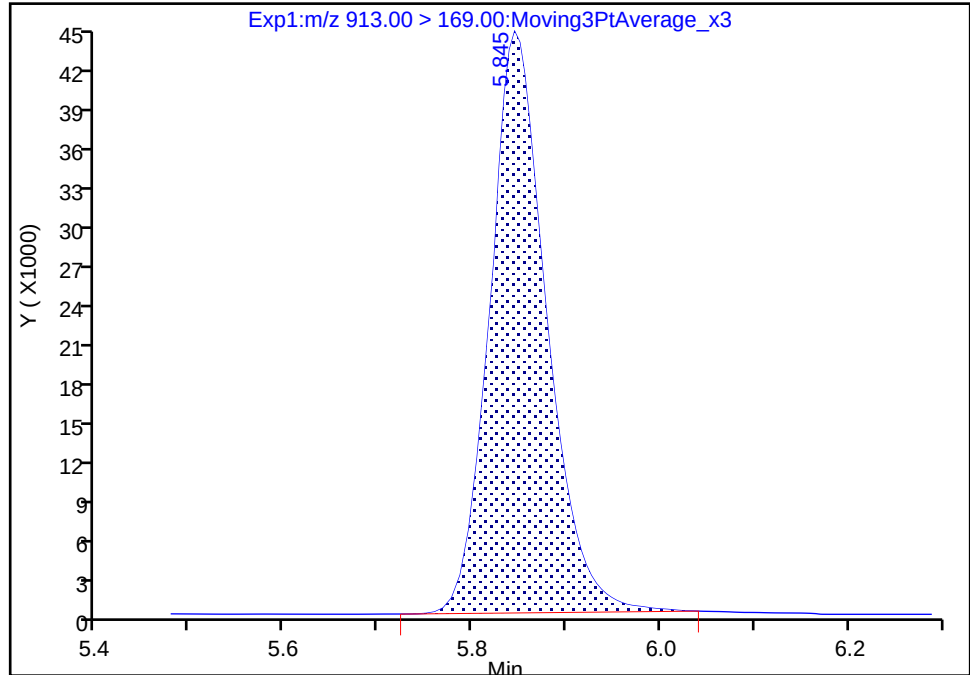
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D01.d
Injection Date: 04-Aug-2022 20:34:04 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

46 Perfluorooctadecanoic acid, CAS: 16517-11-6

Signal: 2

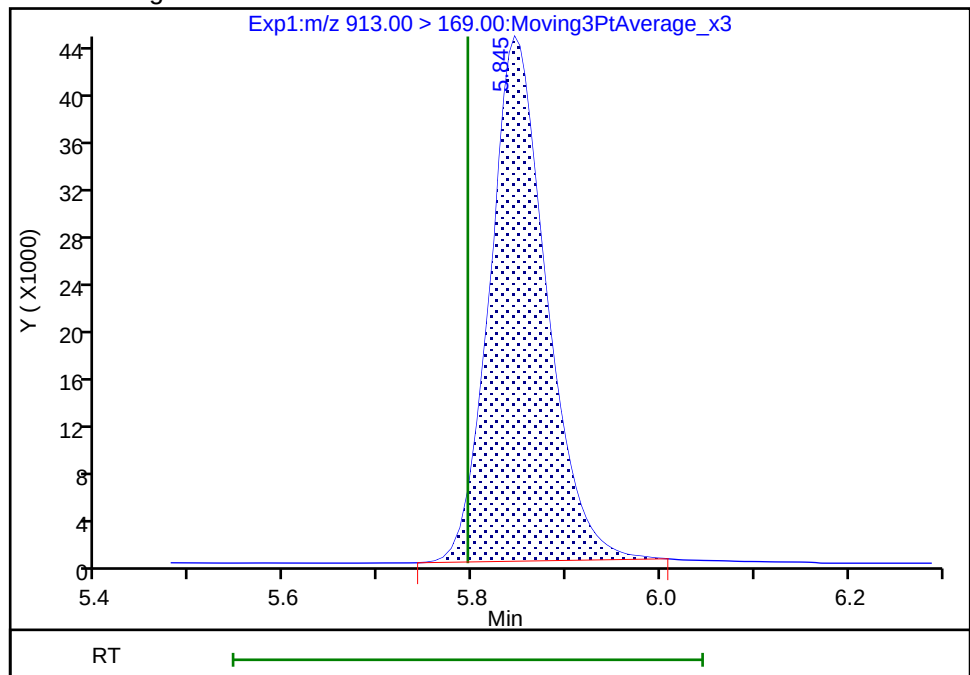
RT: 5.84
Area: 184116
Amount: 1.089837
Amount Units: ng/ml

Processing Integration Results



RT: 5.84
Area: 182751
Amount: 1.069432
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:35:48

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM VII
PFAS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 460-262853-1

SDG No.: _____

Lab Sample ID: CCV 200-182390/16 Calibration Date: 08/04/2022 22:36

Instrument ID: LC812 Calib Start Date: 08/03/2022 13:00

GC Column: C-18 ID: 4.60 (mm) Calib End Date: 08/03/2022 13:41

Lab File ID: PA220804D16.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Perfluorobutanoic acid (PFBA)	AveID	0.9697	0.8727		2.25	2.50	-10.0	
Perfluoropentanoic acid (PFPeA)	AveID	1.031	0.9759		2.37	2.50	-5.3	
Perfluorobutanesulfonic acid (PFBS)	AveID	1.104	0.9842		1.97	2.21	-10.8	
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	AveID	2.377	2.269		2.23	2.34	-4.5	
Perfluorohexanoic acid (PFHxA)	AveID	1.043	0.9833		2.36	2.50	-5.8	
Perfluoropentanesulfonic acid (PFPeS)	AveID	1.297	1.186		2.15	2.35	-8.5	
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	AveID	1.075	0.9834		2.29	2.50	-8.5	
Perfluorohexanesulfonic acid (PFHxS)	AveID	1.103	1.016		2.10	2.28	-7.9	
Perfluoroheptanoic acid (PFHpA)	AveID	1.031	0.9869		2.39	2.50	-4.2	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	AveID	4.119	4.054		2.32	2.36	-1.6	
6:2 FTS	L1ID		1.394		2.25	2.37	-5.1	30.0
Perfluoroheptanesulfonic acid (PFHpS)	AveID	1.236	1.188		2.29	2.38	-3.9	
Perfluorooctanoic acid (PFOA)	AveID	1.121	1.065		2.37	2.50	-5.1	
Perfluorooctanesulfonic acid (PFOS)	L1ID		0.9659		2.23	2.32	-3.7	30.0
Perfluorononanoic acid (PFNA)	AveID	1.017	0.9249		2.27	2.50	-9.1	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O)	AveID	1.766	1.727		2.28	2.33	-2.2	
Perfluorononanesulfonic acid (PFNS)	AveID	0.7830	0.7728		2.37	2.40	-1.3	
8:2 FTS	AveID	0.9657	0.8988		2.23	2.40	-6.9	
Perfluorodecanoic acid (PFDA)	AveID	1.052	1.011		2.40	2.50	-3.9	
Perfluorooctanesulfonamide (FOSA)	AveID	1.019	0.9801		2.41	2.50	-3.8	
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	AveID	0.8881	0.8448		2.38	2.50	-4.9	
Perfluorodecanesulfonic acid (PFDS)	AveID	0.5827	0.5941		2.46	2.41	2.0	
Perfluoroundecanoic acid (PFUnA)	AveID	1.059	0.9443		2.23	2.50	-10.9	
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	AveID	0.9079	0.8105		2.23	2.50	-10.7	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF)	AveID	2.299	2.229		2.28	2.36	-3.0	
Perfluorododecanoic acid (PFDoA)	AveID	1.014	0.9525		2.35	2.50	-6.1	
1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS)	AveID	0.4511	0.4468		2.39	2.41	-1.0	
Perfluorododecanesulfonic acid (PFDoS)	AveID	0.2587	0.2652		2.48	2.42	2.5	

FORM VII
PFAS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 460-262853-1
 SDG No.: _____
 Lab Sample ID: CCV 200-182390/16 Calibration Date: 08/04/2022 22:36
 Instrument ID: LC812 Calib Start Date: 08/03/2022 13:00
 GC Column: C-18 ID: 4.60 (mm) Calib End Date: 08/03/2022 13:41
 Lab File ID: PA220804D16.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Perfluorotridecanoic acid (PFTrIA)	AveID	0.8791	0.9189		2.61	2.50	4.5	
Perfluorotetradecanoic acid (PFTeA)	AveID	0.1602	0.1535		2.40	2.50	-4.2	
Perfluoro-n-hexadecanoic acid (PFHxDA)	L1ID		0.8875		2.46	2.50	-1.6	30.0
Perfluoro-n-octadecanoic acid (PFODA)	AveID	0.6649	0.7146		2.69	2.50	7.5	
13C4 PFBA	Ave	1.167	1.085		1.16	1.25	-7.1	
13C5 PFPeA	Ave	0.8976	0.8376		1.17	1.25	-6.7	
13C3 PFBS	Ave	1.039	0.9742		1.09	1.16	-6.2	
M2-4:2 FTS	Ave	0.0894	0.0850		1.11	1.17	-5.0	
13C2 PFHxA	Ave	0.8962	0.8581		1.20	1.25	-4.2	
13C3 HFPO-DA	Ave	0.1687	0.1602		1.19	1.25	-5.0	
18O2 PFHxS	Ave	0.7305	0.7133		1.16	1.18	-2.3	50.0
13C4 PFHpA	Ave	0.9296	0.9024		1.21	1.25	-2.9	50.0
M2-6:2 FTS	Ave	0.1223	0.1220		1.19	1.19	-0.3	
13C4 PFOA	Ave	0.9525	0.9258		1.22	1.25	-2.8	50.0
13C4 PFOS	Ave	0.5455	0.5049		1.11	1.20	-7.4	50.0
13C5 PFNA	Ave	0.9889	1.048		1.33	1.25	6.0	50.0
13C2 PFDA	Ave	0.9624	1.024		1.33	1.25	6.4	
M2-8:2 FTS	Ave	0.1471	0.1700		1.38	1.20	15.5	
13C8 FOSA	Ave	0.8423	0.7868		1.17	1.25	-6.6	
d3-NMeFOSAA	Ave	0.1290	0.1151		1.12	1.25	-10.8	
13C2 PFUnA	Ave	0.7292	0.7805		1.34	1.25	7.0	
d5-NEtFOSAA	Ave	0.1221	0.1135		1.16	1.25	-7.1	
13C2 PFDoA	Ave	0.7556	0.8106		1.34	1.25	7.3	
13C2 PFTeDA	Ave	0.6177	0.7769		1.57	1.25	25.8	
13C2 PFHxDA	Ave	0.7037	0.6862		1.22	1.25	-2.5	

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
 Lims ID: CCV L5
 Client ID:
 Sample Type: CCV
 Inject. Date: 04-Aug-2022 22:36:58 ALS Bottle#: 16 Worklist Smp#: 16
 Injection Vol: 20.0 ul Dil. Factor: 1.0000
 Sample Info: CCV L5
 Misc. Info.: 200-0051964-016 Plate: 1 Rack: 4
 Operator ID: lc812tech Instrument ID: LC812
 Sublist: chrom-PFC_LC812*sub3
 Method: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PFC_LC812.m
 Limit Group: LC_PFC_ICAL
 Last Update: 08-Aug-2022 12:20:08 Calib Date: 03-Aug-2022 13:41:11
 Integrator: Picker
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
 Column 1 : C-18 (4.60 mm) Det: EXP1
 Process Host: CTX1679

First Level Reviewer: khanphomeea

Date: 05-Aug-2022 12:43:43

Ratio Calibration: Initial Calibration Level: 4

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										M
217.00 > 172.00	2.077	2.076	0.001	0.599	2431948	1.16		92.9	7048	M
2 Perfluorobutanoic acid										M
212.90 > 169.00	2.077	2.085	-0.008	1.000	4244633	2.25		90.0	435	M
D 3 13C5 PFPeA										
267.90 > 223.00	2.388	2.400	-0.012	0.689	1878188	1.17		93.3	3032	
4 Perfluoropentanoic acid										M
262.90 > 219.00	2.388	2.400	-0.012	1.000	3665837	2.37		94.7	112	M
D 47 13C3 PFBS										M
301.90 > 80.00	2.402	2.413	-0.011	0.693	2031577	1.09		93.8	209380	M
5 Perfluorobutanesulfonic acid										M
298.90 > 80.00	2.415	2.413	0.002	1.006	3801143	1.97	Target=2.23	89.2	1922	M
298.90 > 99.00	2.402	2.413	-0.011	1.000	1805762		2.11(1.11-3.34)		904	M
D 60 M2-4:2 FTS										
329.00 > 81.00	2.704	2.713	-0.009	0.780	177918	1.11		95.0	168	
61 1H,1H,2H,2H-perfluorohexanesulfo										M
327.00 > 307.00	2.704	2.713	-0.009	1.000	807484	2.23		95.5	2834	M
6 Perfluorohexanoic acid										M
313.00 > 269.00	2.740	2.750	-0.010	1.000	3784146	2.36	Target=12.24	94.2	383	M
313.00 > 119.00	2.740	2.750	-0.010	1.000	296278		12.77(6.12-18.36)		405	M
D 7 13C2 PFHxA										M
315.00 > 270.00	2.740	2.750	-0.010	0.790	1924258	1.20		95.8	2275	M
70 Perfluoropentanesulfonic acid										M
349.00 > 80.00	2.740	2.750	-0.010	0.884	3559587	2.15	Target=2.95	91.5	1711	M
349.00 > 99.00	2.740	2.750	-0.010	0.884	1181273		3.01(1.48-4.43)		1122	M
D 64 13C3 HFPO-DA										
287.00 > 169.00	2.850	2.859	-0.009	0.822	359322	1.19		95.0	1813	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
67 Perfluoro(2-propoxypropanoic) ac										M
285.00 > 169.00	2.850	2.859	-0.009	1.000	706734	2.29		91.5	2148	M
D 11 18O2 PFHxS										
403.00 > 84.00	3.101	3.110	-0.009	0.894	1513191	1.15		97.7	2028	
8 Perfluorohexanesulfonic acid										M
399.00 > 80.00	3.101	3.110	-0.009	1.000	2958632	2.10	Target=3.43	92.1	689	M
399.00 > 99.00	3.101	3.110	-0.009	1.000	859997		3.44(1.72-5.15)		573	M
D 9 13C4 PFHpA										M
367.00 > 322.00	3.112	3.121	-0.009	0.898	2023428	1.21		97.1	2060	M
10 Perfluoroheptanoic acid										M
363.00 > 319.00	3.112	3.121	-0.009	1.000	3993958	2.39	Target=3.73	95.8	572	M
363.00 > 169.00	3.112	3.121	-0.009	1.000	1040305		3.84(1.86-5.59)		1177	
77 DONA										M
377.00 > 251.00	3.146	3.154	-0.008	0.831	8646003	2.32	Target=2.84	98.4	2834	M
377.00 > 85.00	3.146	3.154	-0.008	0.831	3068469		2.82(1.42-4.26)		1650	M
D 12 M2-6:2 FTS										M
429.00 > 81.00	3.458	3.465	-0.007	0.997	259801	1.18		99.7	308	M
13 1H,1H,2H,2H-perfluorooctanesulfo										M
427.00 > 407.00	3.458	3.465	-0.007	1.000	722751	2.25		94.9	536	M
16 Perfluoroheptanesulfonic acid										M
449.00 > 80.00	3.458	3.465	-0.007	0.913	2559794	2.29	Target=4.89	96.1	580	M
449.00 > 99.00	3.458	3.465	-0.007	0.913	521179		4.91(2.44-7.33)		782	M
15 Perfluorooctanoic acid										M
413.00 > 369.00	3.467	3.474	-0.007	1.000	4420376	2.37	Target=2.67	94.9	330	M
413.00 > 169.00	3.467	3.474	-0.007	1.000	1623115		2.72(1.34-4.01)		698	M
D 14 13C4 PFOA										M
417.00 > 372.00	3.467	3.474	-0.007	1.000	2075994	1.21		97.2	1540	M
* 62 13C2 PFOA										M
415.00 > 370.00	3.467	3.474	-0.007		2242345	1.25			912	M
17 Perfluorooctanesulfonic acid										M
499.00 > 80.00	3.786	3.792	-0.006	1.000	2029625	2.23	Target=4.88	96.3	529	M
499.00 > 99.00	3.786	3.792	-0.006	1.000	447850		4.53(2.44-7.32)		772	M
D 18 13C4 PFOS										M
503.00 > 80.00	3.786	3.792	-0.006	1.092	1082331	1.11		92.6	829	M
20 Perfluorononanoic acid										M
463.00 > 419.00	3.805	3.812	-0.007	1.000	4347639	2.27	Target=8.23	90.9	615	M
463.00 > 169.00	3.805	3.812	-0.007	1.000	559368		7.77(4.11-12.34)		1696	M
D 19 13C5 PFNA										M
468.00 > 423.00	3.805	3.812	-0.007	1.098	2350207	1.32		106	2868	M
69 9-Chlorohexadecafluoro-3-oxanona										M
531.00 > 351.00	3.954	3.960	-0.006	1.044	3644831	2.28		97.8	1486	M
68 Perfluorononanesulfonic acid										M
549.00 > 80.00	4.085	4.093	-0.008	1.079	1679800	2.37	Target=2.53	98.7	1146	M
549.00 > 99.00	4.085	4.093	-0.008	1.079	662067		2.54(1.26-3.79)		985	M
24 Perfluorodecanoic acid										M
513.00 > 469.00	4.119	4.116	0.003	1.000	4641832	2.40	Target=9.67	96.1	1082	M
513.00 > 169.00	4.119	4.116	0.003	1.000	520998		8.91(4.83-14.50)		1131	M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 23 13C2 PFDA										M
515.00 > 470.00	4.119	4.116	0.003	1.188	2296576	1.33		106	1998	M
25 1H,1H,2H,2H-perfluorodecanesulfo										M
527.00 > 507.00	4.119	4.127	-0.008	1.000	656304	2.23		93.1	1296	M
D 26 M2-8:2 FTS										
529.00 > 81.00	4.119	4.127	-0.008	1.188	365114	1.38		116	628	
D 21 13C8 FOSA										M
506.00 > 78.00	4.153	4.161	-0.008	1.198	1764239	1.17		93.4	1903	M
22 Perfluorooctanesulfonamide										M
498.00 > 78.00	4.153	4.161	-0.008	1.000	3458277	2.40		96.2	1032	M
28 N-methylperfluorooctanesulfonami										M
570.00 > 419.00	4.265	4.261	0.004	1.000	436111	2.38		95.1	331	M
D 27 d3-NMeFOSAA										M
573.00 > 419.00	4.265	4.261	0.004	1.230	258130	1.12		89.2	379	M
29 Perfluorodecanesulfonic acid										M
599.00 > 80.00	4.358	4.365	-0.007	1.151	1296797	2.46	Target=2.80	102	1945	M
599.00 > 99.00	4.358	4.365	-0.007	1.151	517697		2.50(1.40-4.20)		2331	M
D 30 13C2 PFUnA										M
565.00 > 520.00	4.392	4.387	0.005	1.267	1750183	1.34		107	1751	M
31 Perfluoroundecanoic acid										M
563.00 > 519.00	4.392	4.387	0.005	1.000	3305249	2.23	Target=9.07	89.1	854	M
563.00 > 169.00	4.392	4.387	0.005	1.000	379661		8.71(4.54-13.61)		1504	M
33 N-ethylperfluorooctanesulfonamid										M
584.00 > 419.00	4.403	4.399	0.004	1.000	412498	2.23		89.3	835	M
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.403	4.399	0.004	1.270	254459	1.16		92.9	920	
66 11-Chloroeicosafuoro-3-oxaundec										M
631.00 > 451.00	4.497	4.491	0.006	1.188	4755288	2.28		97.0	2105	M
D 36 13C2 PFDaA										M
615.00 > 570.00	4.637	4.633	0.004	1.337	1817667	1.34		107	1933	M
37 Perfluorododecanoic acid										M
613.00 > 569.00	4.637	4.633	0.004	1.000	3462725	2.35	Target=6.97	93.9	422	M
613.00 > 169.00	4.637	4.633	0.004	1.000	516188		6.71(3.48-10.45)		1086	M
74 1H,1H,2H,2H-perfluorododecanesul										M
627.00 > 607.00	4.658	4.654	0.004	1.131	328313	2.39		99.0	748	M
75 Perfluorododecanesulfonic acid (										M
699.00 > 80.00	4.817	4.813	0.004	1.272	581213	2.48	Target=0.52	103	1367	M
699.00 > 99.00	4.817	4.813	0.004	1.272	1051608		0.55(0.26-0.79)		2374	M
41 Perfluorotridecanoic acid										M
663.00 > 619.00	4.863	4.859	0.004	1.049	3340495	2.61	Target=4.56	105	410	M
663.00 > 169.00	4.863	4.859	0.004	1.049	729685		4.58(2.28-6.84)		848	M
D 43 13C2 PFTeDA										M
715.00 > 670.00	5.065	5.052	0.013	1.461	1742087	1.57		126	2919	M
42 Perfluorotetradecanoic acid										M
713.00 > 169.00	5.065	5.052	0.013	1.000	534895	2.40	Target=0.94	95.8	1721	M
713.00 > 219.00	5.055	5.052	0.003	0.998	570500		0.94(0.47-1.41)		1363	M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
45 Perfluorohexadecanoic acid										M
813.00 > 769.00	5.447	5.422	0.024	1.000	2731303	2.46	Target=4.38	98.4	512	M
813.00 > 169.00	5.447	5.422	0.024	1.000	624810		4.37(2.19-6.57)		1798	M
D 44 13C2 PFHxDA										M
815.00 > 770.00	5.447	5.422	0.024	1.571	1538707	1.22		97.5	2102	M
46 Perfluorooctadecanoic acid										M
913.00 > 869.00	5.835	5.795	0.040	1.071	2199003	2.69	Target=4.31	107	416	M
913.00 > 169.00	5.835	5.795	0.040	1.071	500605		4.39(2.16-6.47)		789	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

PFAS32NCIC5_00028

Amount Added: 100.00

Units: uL

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d

Injection Date: 04-Aug-2022 22:36:58

Instrument ID: LC812

Lims ID: CCV L5

Client ID:

Operator ID: lc812tech

ALS Bottle#: 16

Worklist Smp#: 16

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

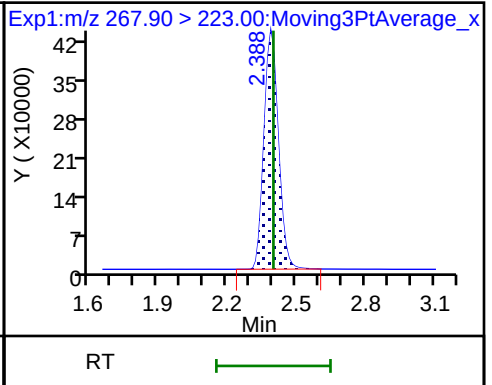
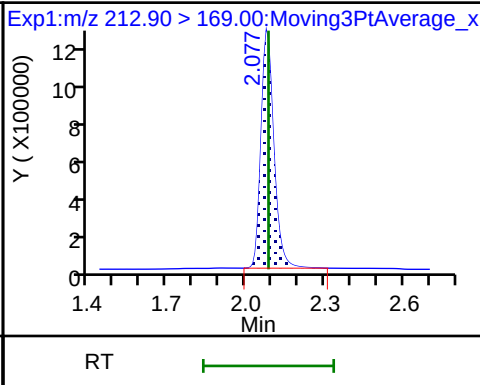
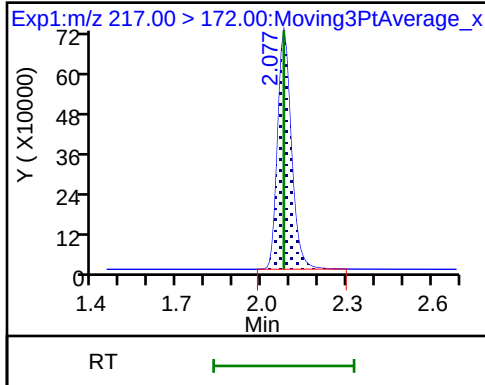
Method: PFC_LC812

Limit Group: LC_PFC_ICAL

D 1 13C4 PFBA (M)

2 Perfluorobutanoic acid (M)

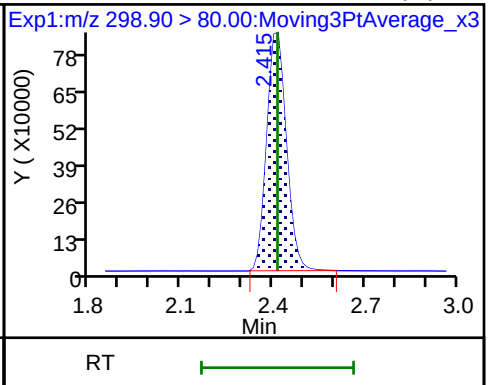
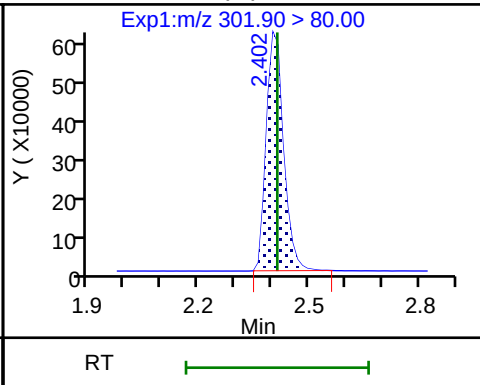
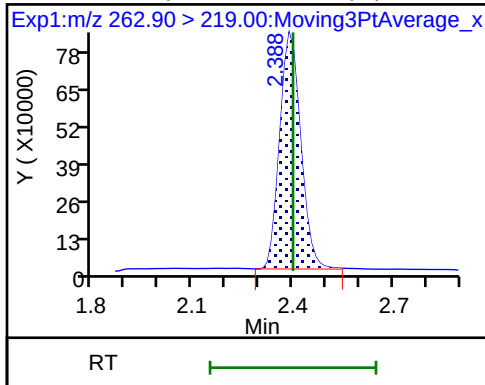
D 3 13C5 PFPeA



4 Perfluoropentanoic acid (M)

D 47 13C3 PFBS (M)

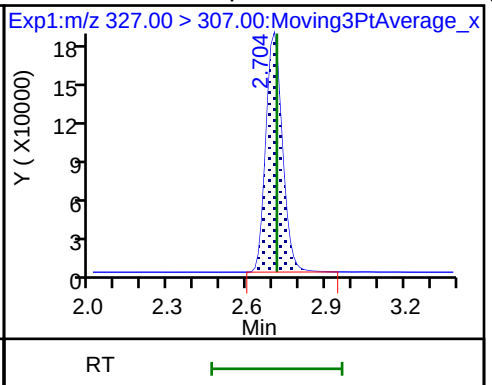
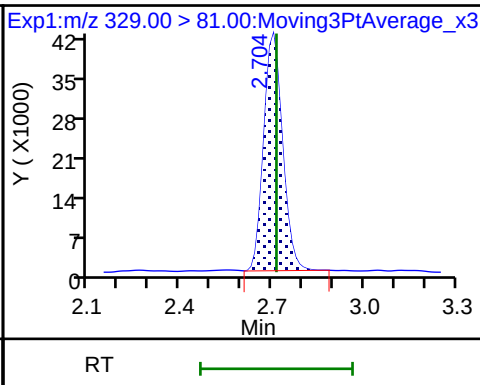
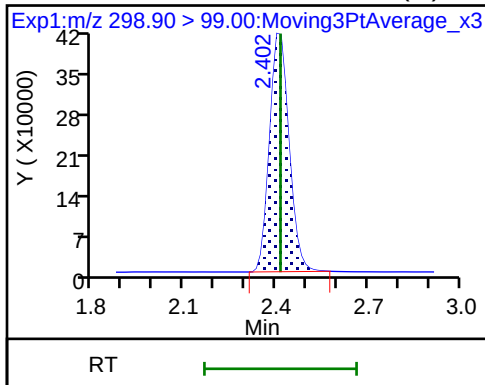
5 Perfluorobutanesulfonic acid (M)



5 Perfluorobutanesulfonic acid (M)

D 60 M2-4:2 FTS

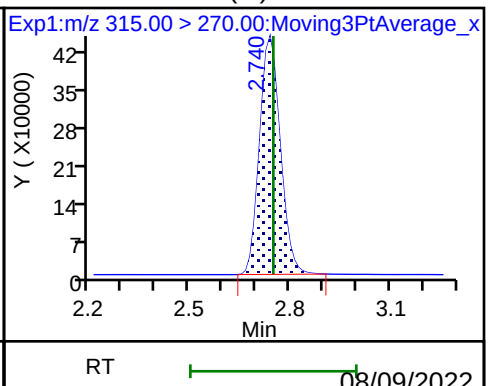
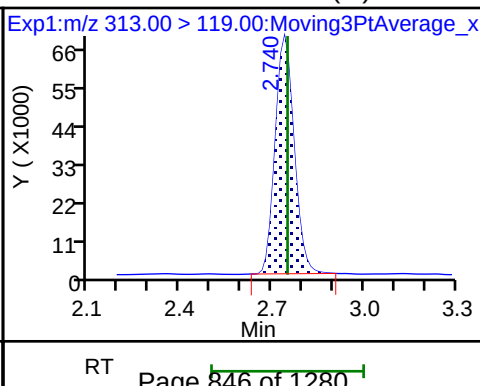
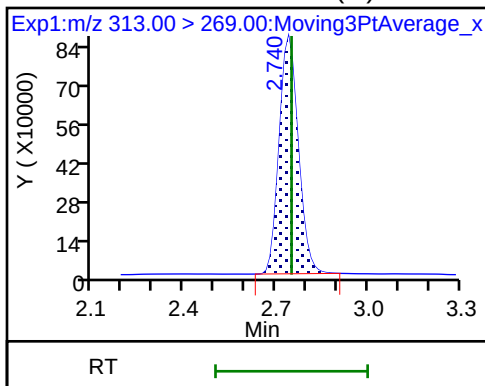
61 1H,1H,2H,2H-perfluorohexanesulfo (M)



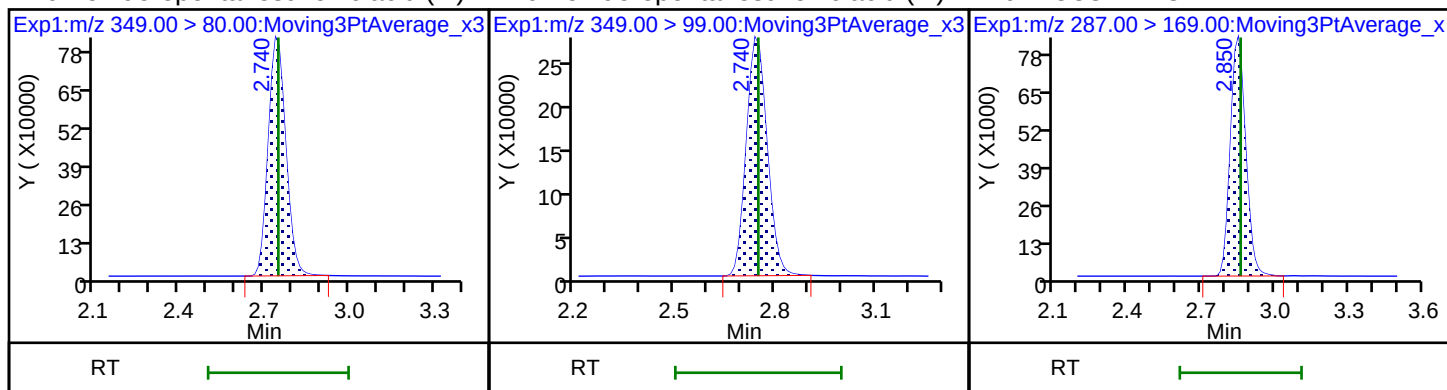
6 Perfluorohexanoic acid (M)

6 Perfluorohexanoic acid (M)

D 7 13C2 PFHxA (M)

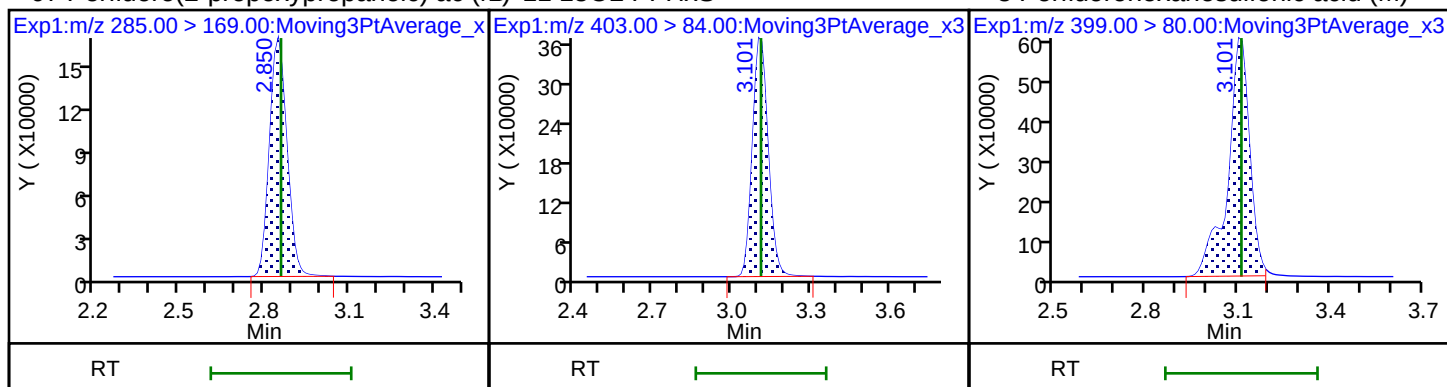


70 Perfluoropentanesulfonic acid (M) 70 Perfluoropentanesulfonic acid (M) D 64 13C3 HFPO-DA



67 Perfluoro(2-propoxypropanoic) ac (M) 11 18O2 PFHxS

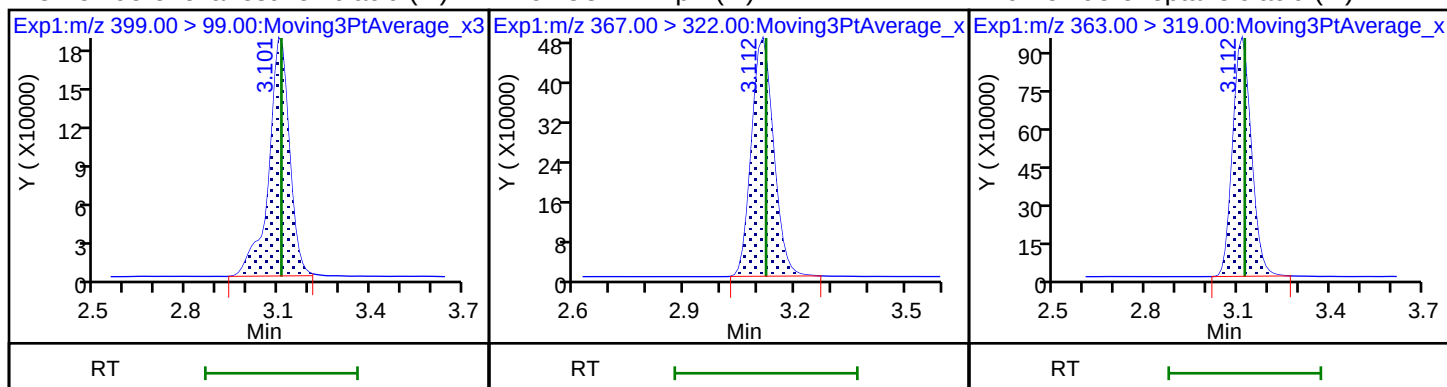
8 Perfluorohexanesulfonic acid (M)



8 Perfluorohexanesulfonic acid (M)

D 9 13C4 PFHpA (M)

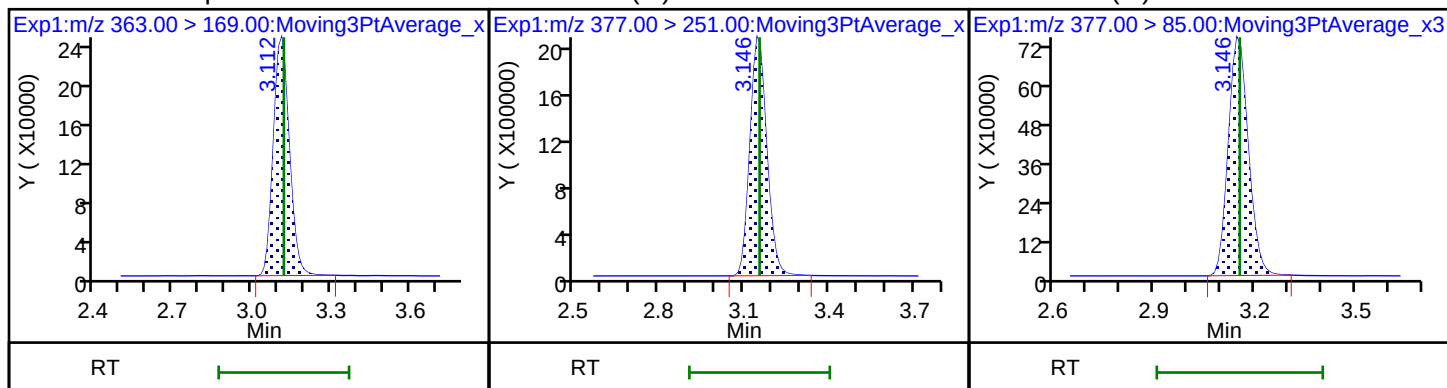
10 Perfluoroheptanoic acid (M)



10 Perfluoroheptanoic acid

77 DONA (M)

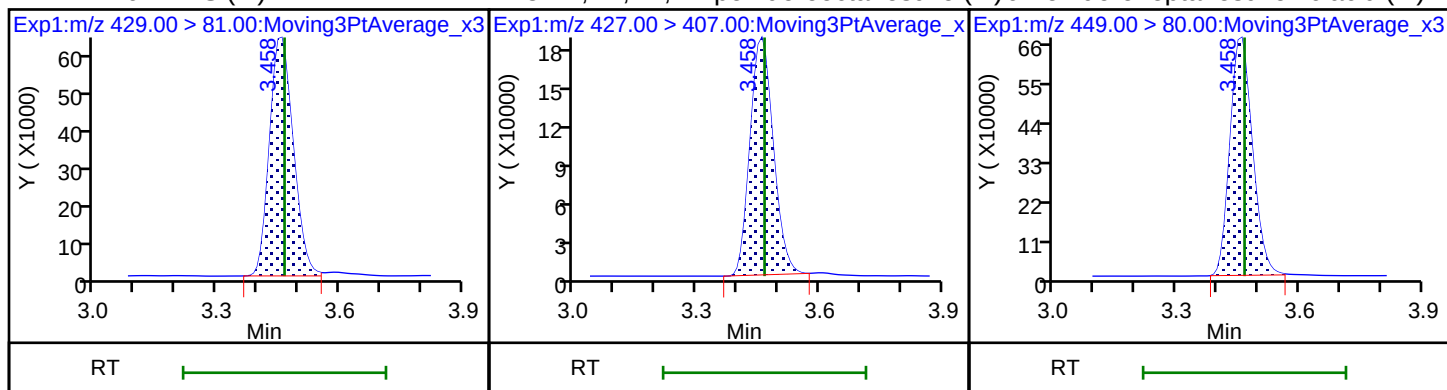
77 DONA (M)



D 12 M2-6:2 FTS (M)

13 1H,1H,2H,2H-perfluorooctanesulfo (M)

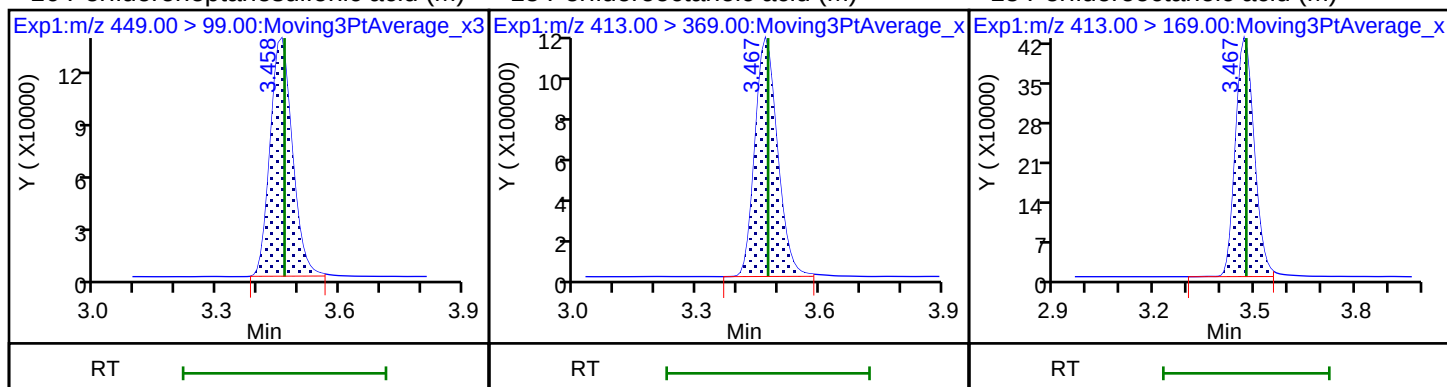
16 Perfluoroheptanesulfonic acid (M)



16 Perfluoroheptanesulfonic acid (M)

15 Perfluorooctanoic acid (M)

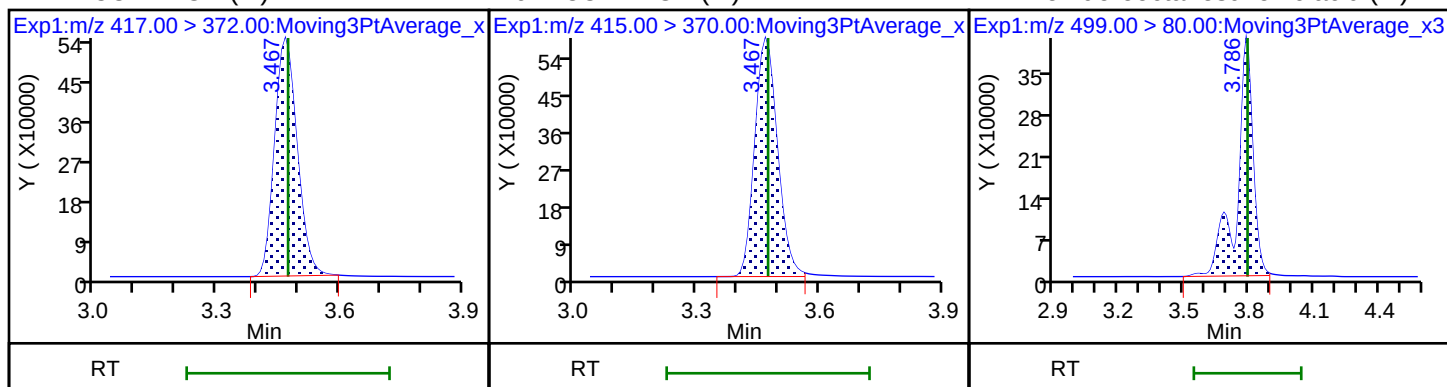
15 Perfluorooctanoic acid (M)



D 14 13C4 PFOA (M)

* 62 13C2 PFOA (M)

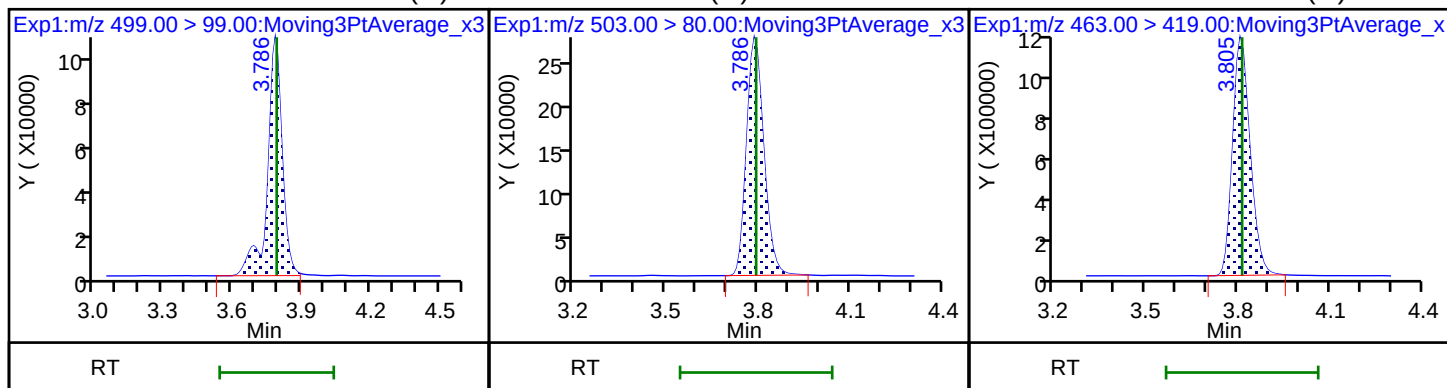
17 Perfluorooctanesulfonic acid (M)

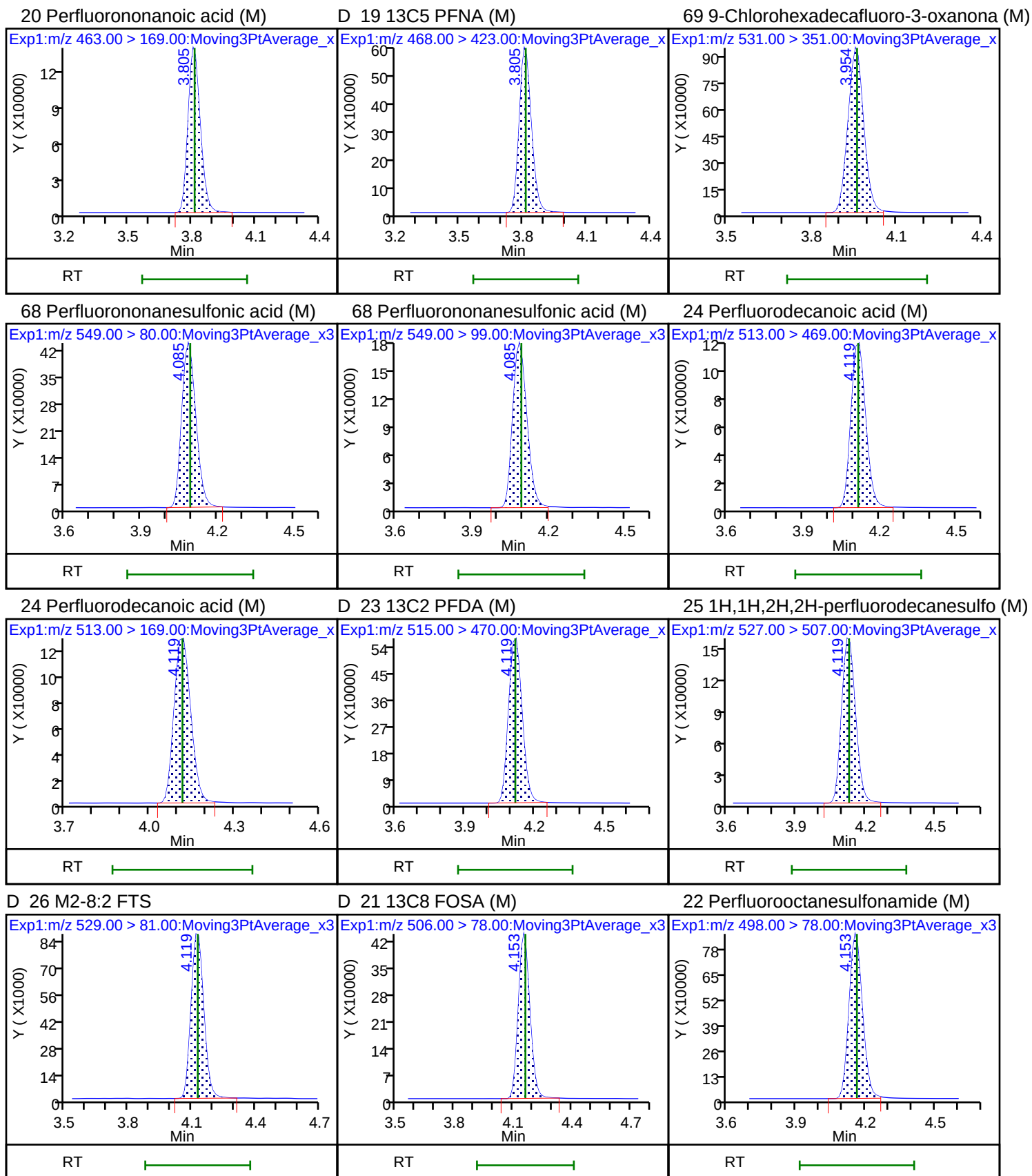


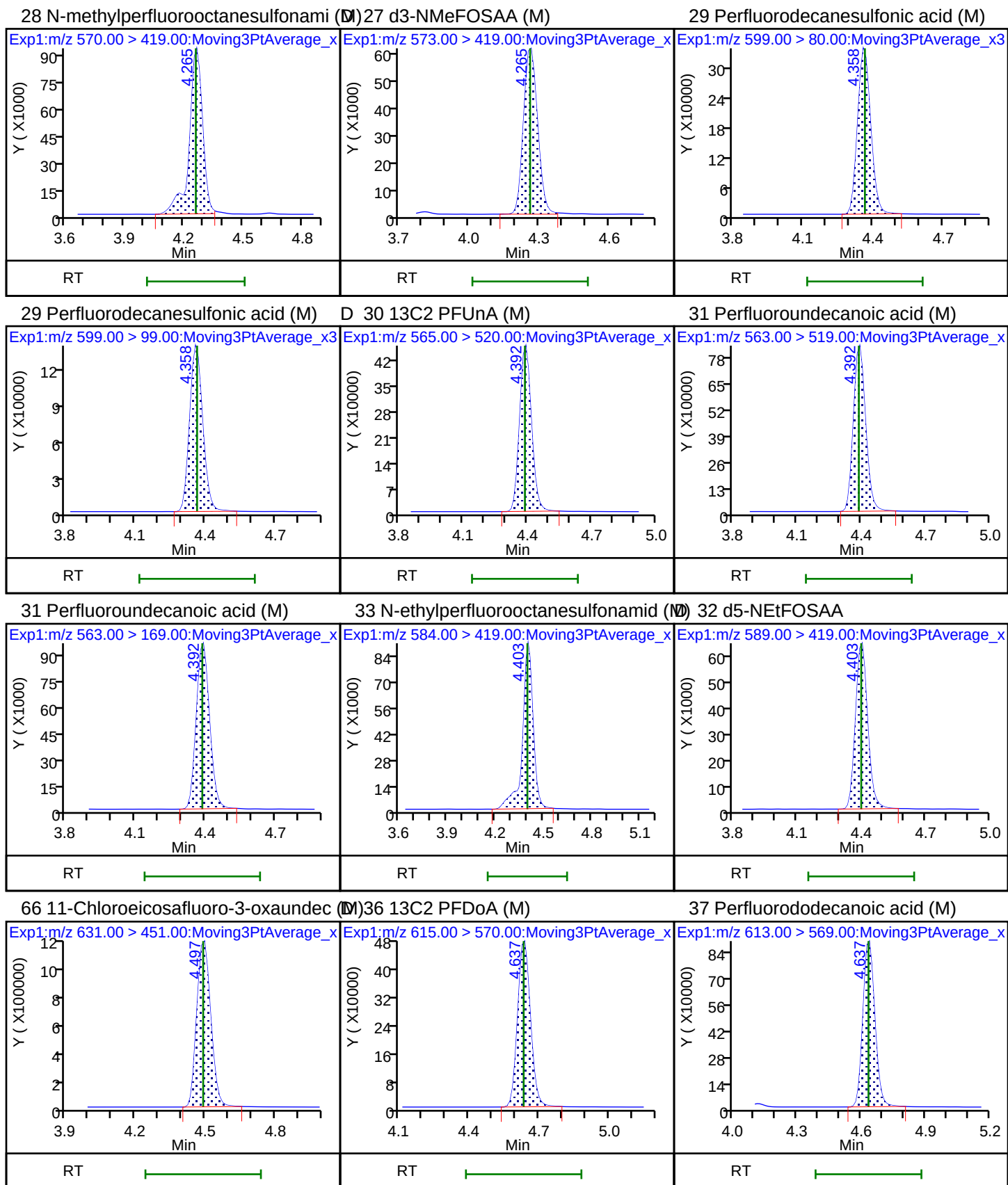
17 Perfluorooctanesulfonic acid (M)

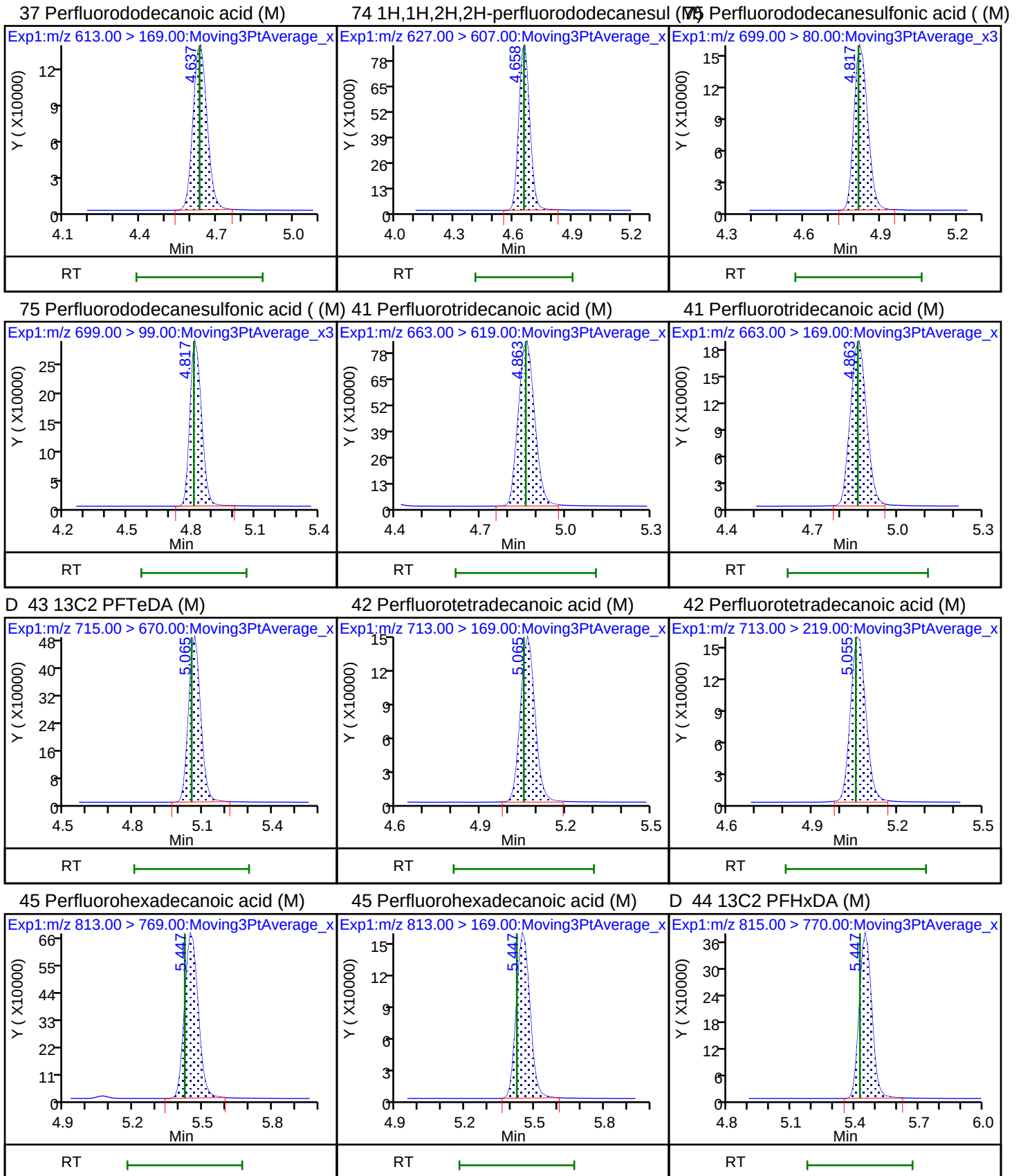
D 18 13C4 PFOS (M)

20 Perfluorononanoic acid (M)



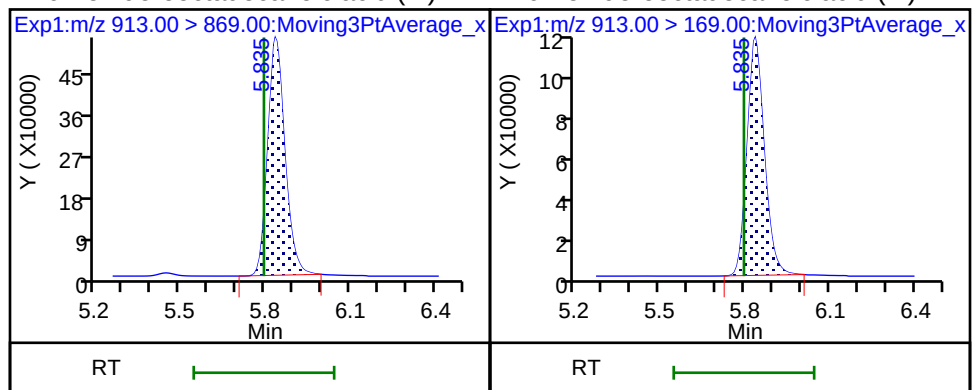






46 Perfluorooctadecanoic acid (M)

46 Perfluorooctadecanoic acid (M)



Eurofins Burlington

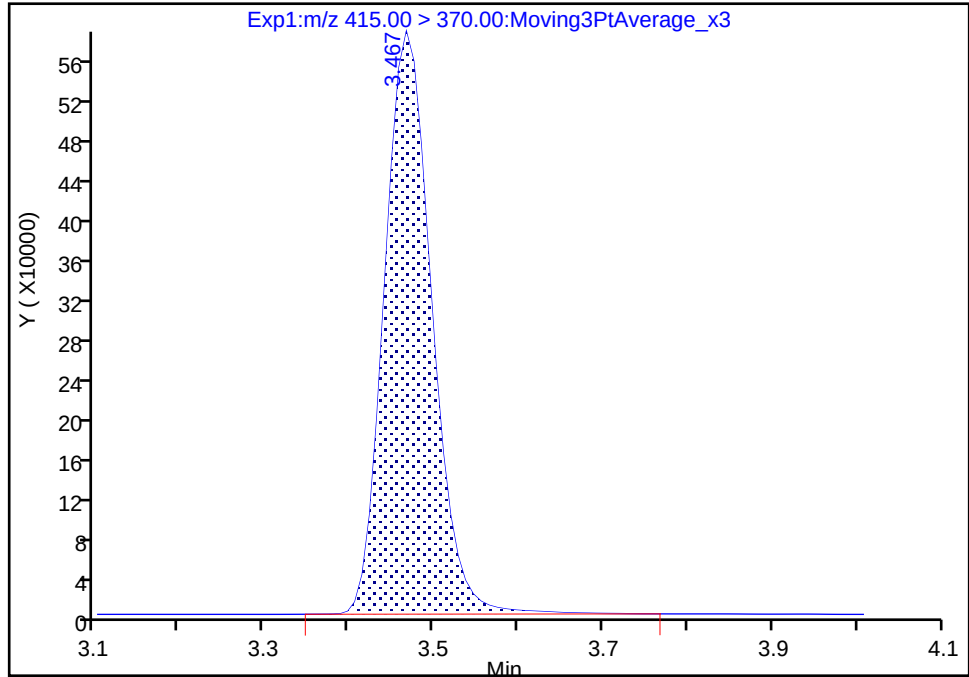
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Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

* 62 13C2 PFOA, CAS: STL00623

Signal: 1

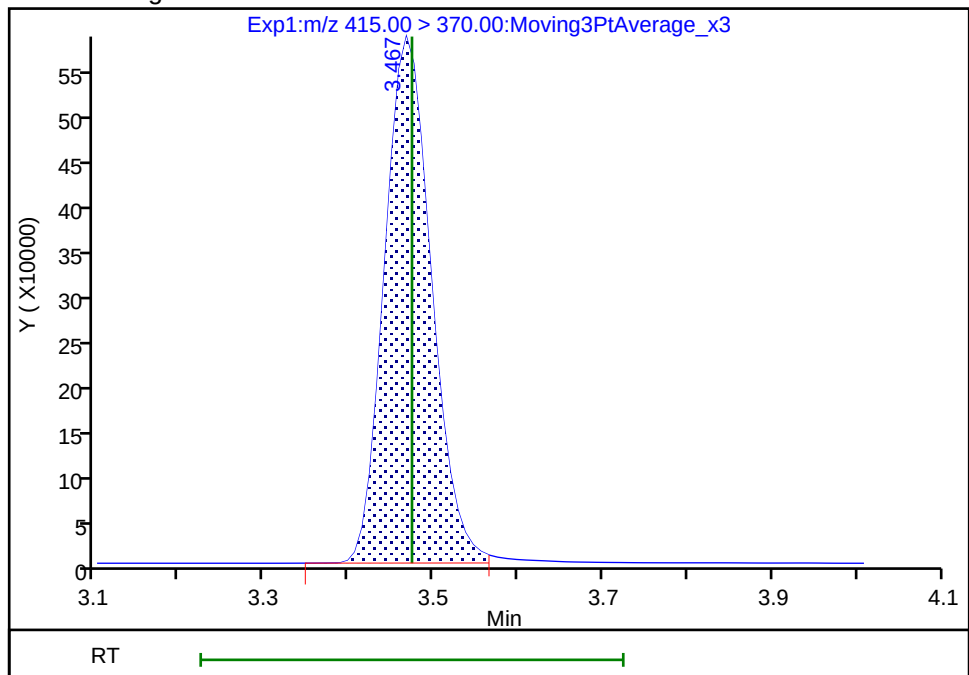
RT: 3.47
Area: 2265246
Amount: 1.250000
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 2242345
Amount: 1.250000
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:45:07
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

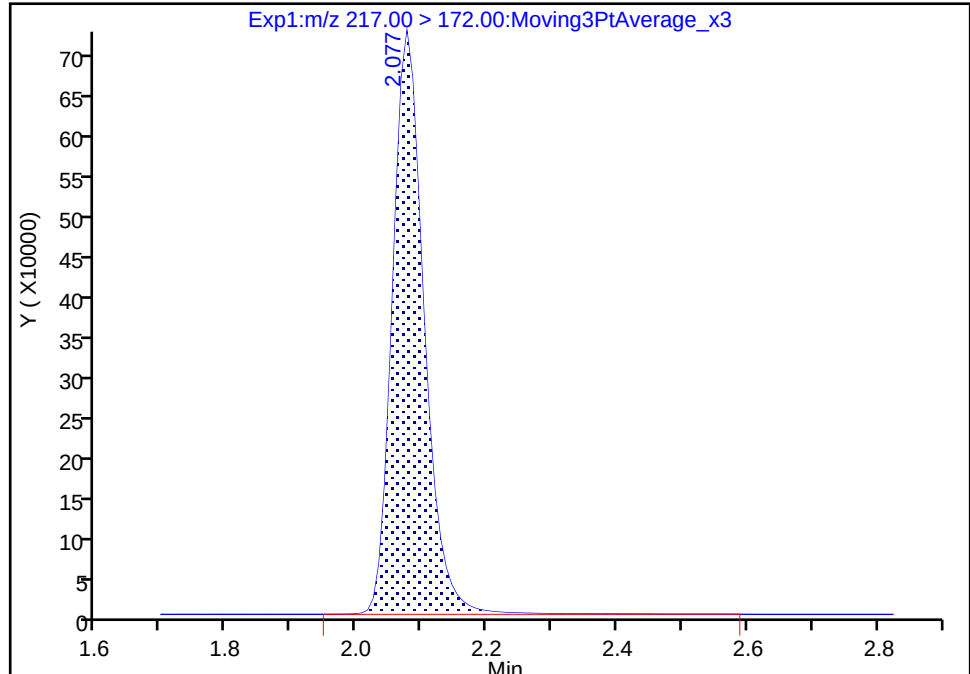
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 1 13C4 PFBA, CAS: STL00992

Signal: 1

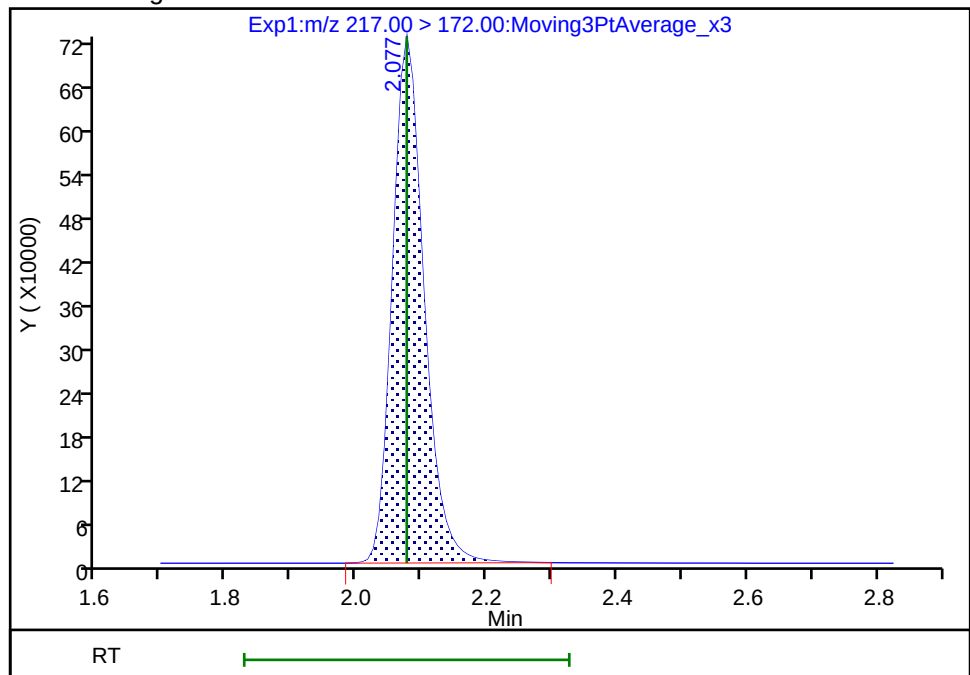
RT: 2.08
Area: 2443919
Amount: 1.155564
Amount Units: ng/ml

Processing Integration Results



RT: 2.08
Area: 2431948
Amount: 1.161647
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:37:19
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

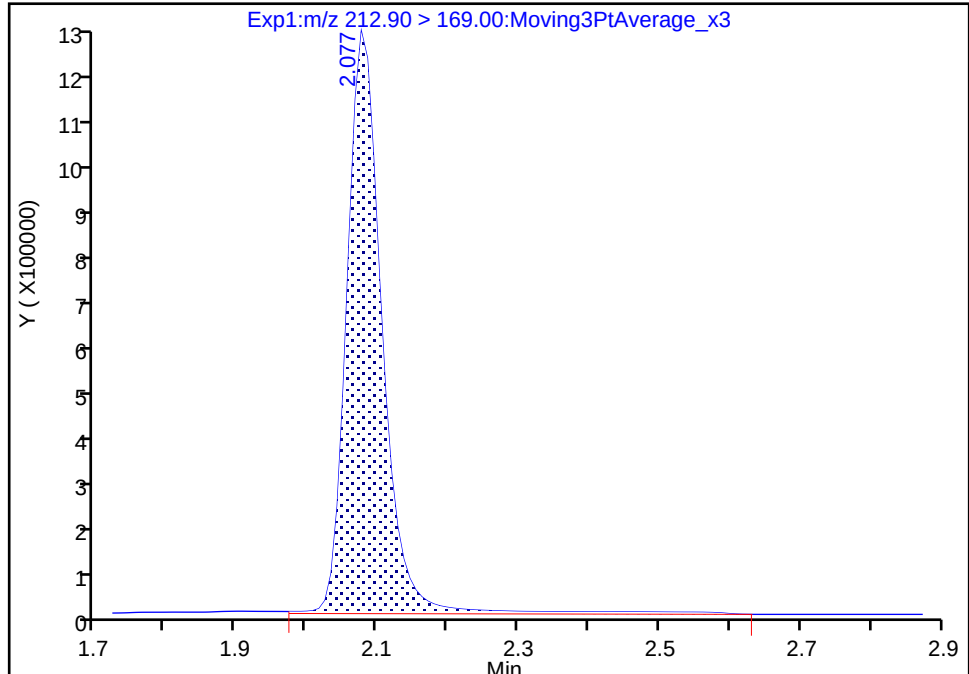
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

2 Perfluorobutanoic acid, CAS: 375-22-4

Signal: 1

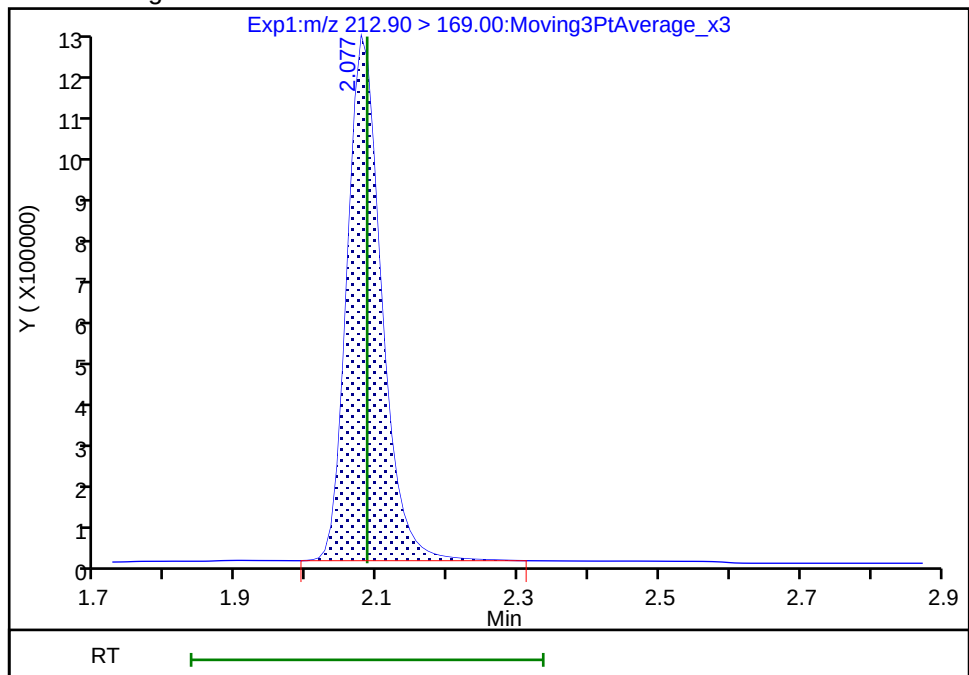
RT: 2.08
Area: 4416768
Amount: 2.329672
Amount Units: ng/ml

Processing Integration Results



RT: 2.08
Area: 4244633
Amount: 2.249898
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:38:46

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

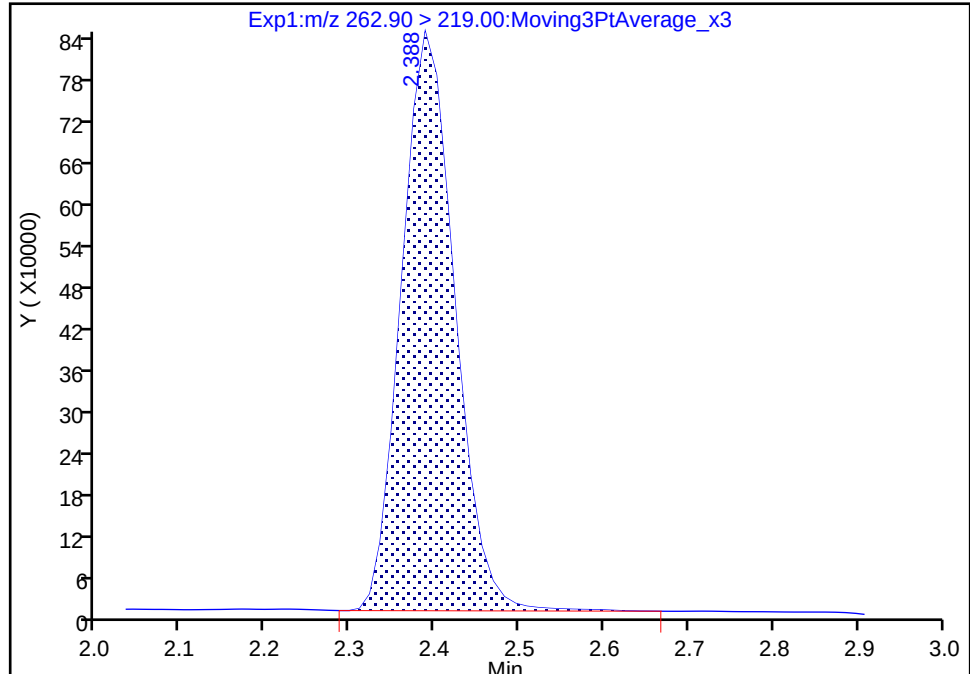
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

4 Perfluoropentanoic acid, CAS: 2706-90-3

Signal: 1

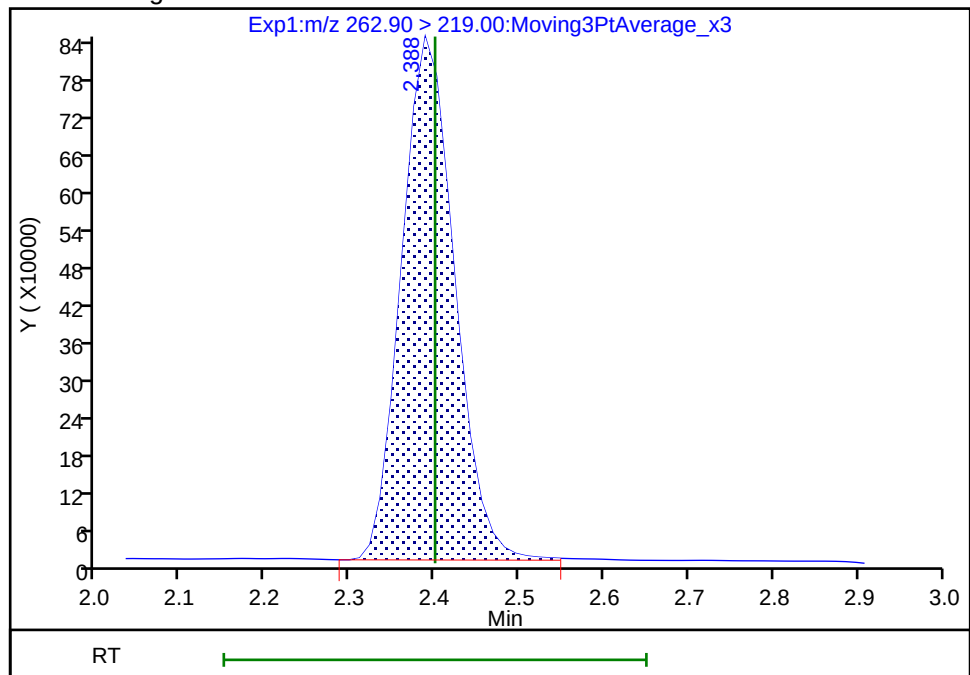
RT: 2.39
Area: 3674843
Amount: 2.372342
Amount Units: ng/ml

Processing Integration Results



RT: 2.39
Area: 3665837
Amount: 2.366528
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:38:52

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

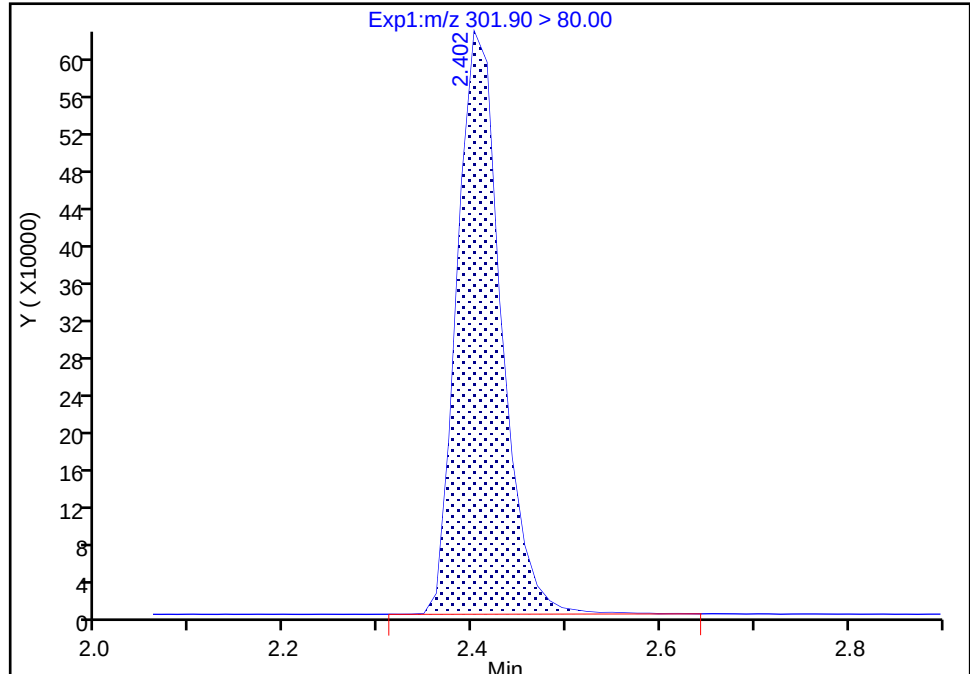
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 47 13C3 PFBS, CAS: STL02337

Signal: 1

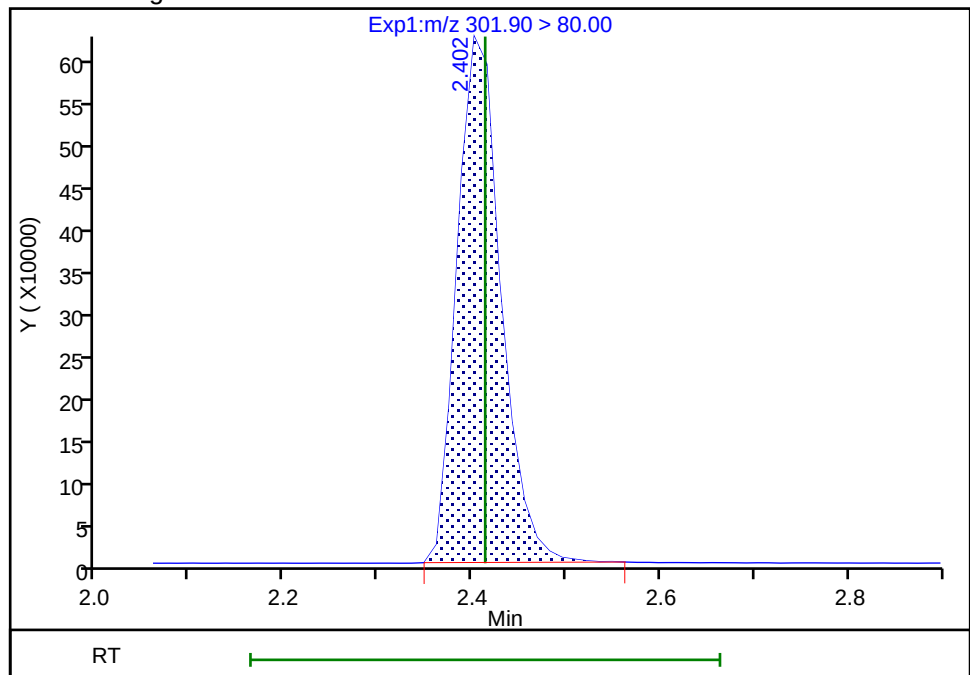
RT: 2.40
Area: 2044562
Amount: 1.086228
Amount Units: ng/ml

Processing Integration Results



RT: 2.40
Area: 2031577
Amount: 1.090353
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:41:16
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

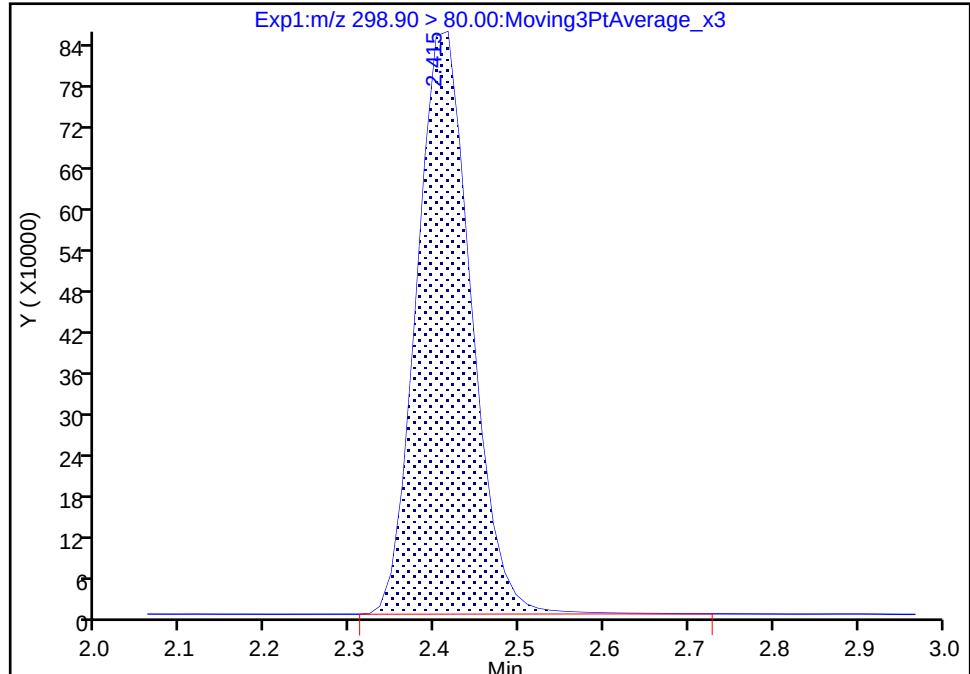
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

5 Perfluorobutanesulfonic acid, CAS: 375-73-5

Signal: 1

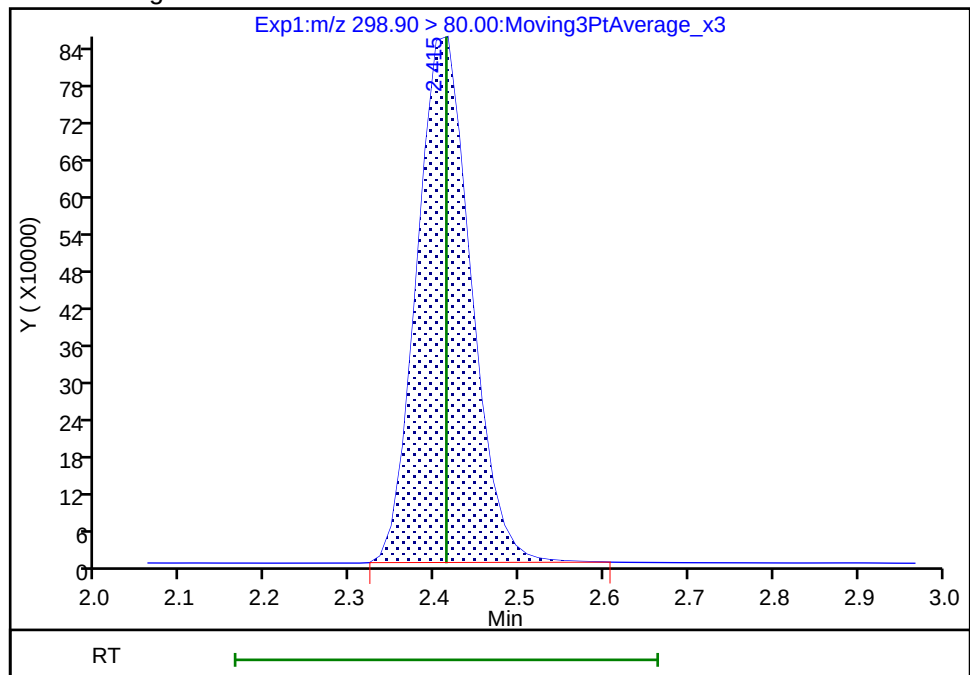
RT: 2.42
Area: 3820681
Amount: 1.968004
Amount Units: ng/ml

Processing Integration Results



RT: 2.42
Area: 3801143
Amount: 1.970455
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:38:59

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

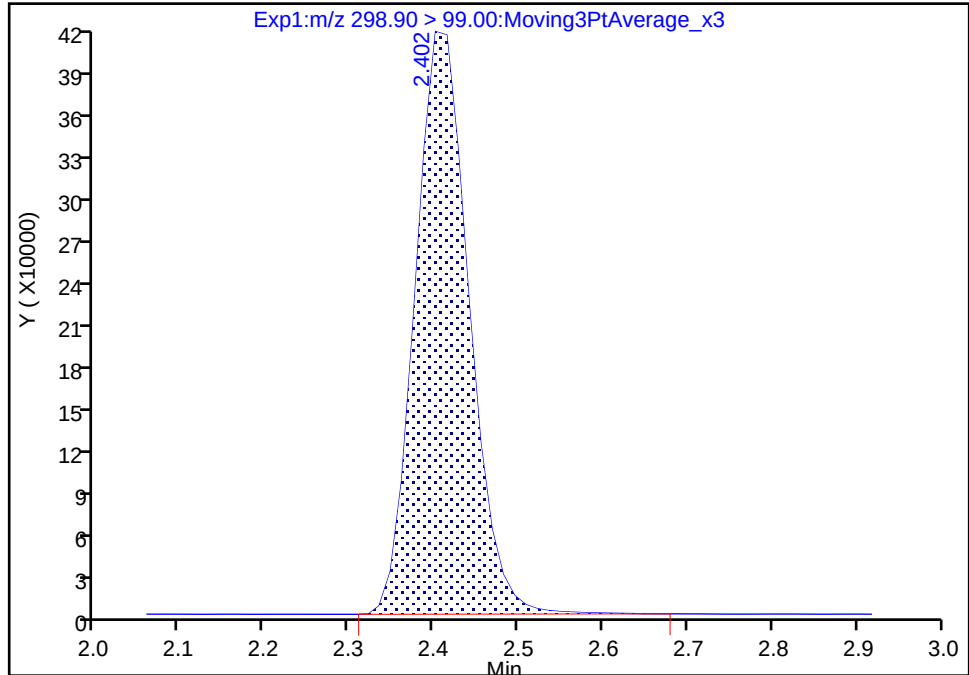
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

5 Perfluorobutanesulfonic acid, CAS: 375-73-5

Signal: 2

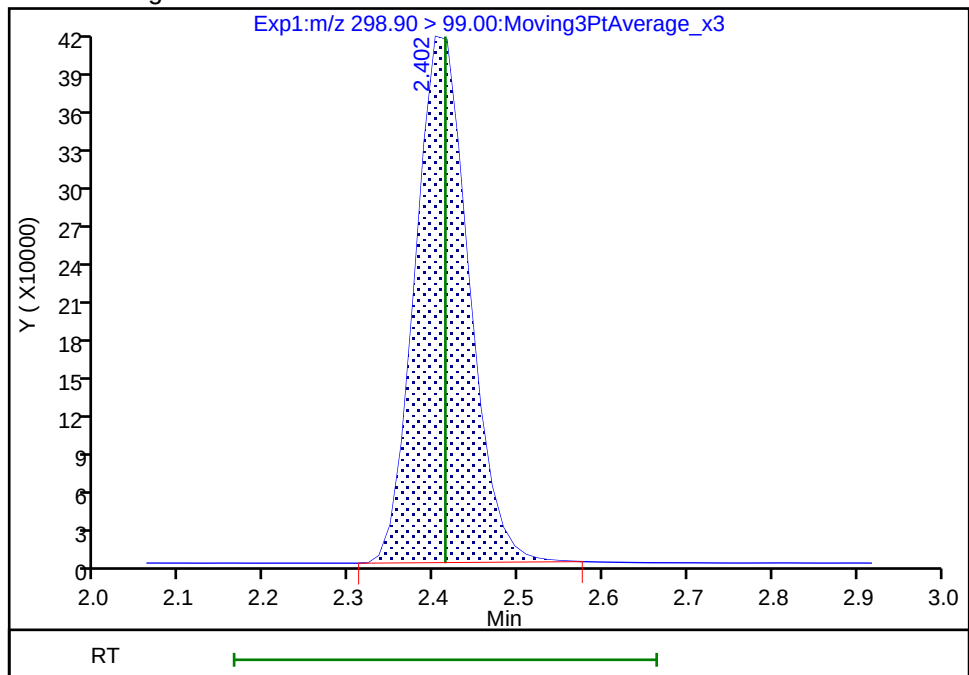
RT: 2.40
Area: 1815797
Amount: 1.968004
Amount Units: ng/ml

Processing Integration Results



RT: 2.40
Area: 1805762
Amount: 1.970455
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:39:02

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

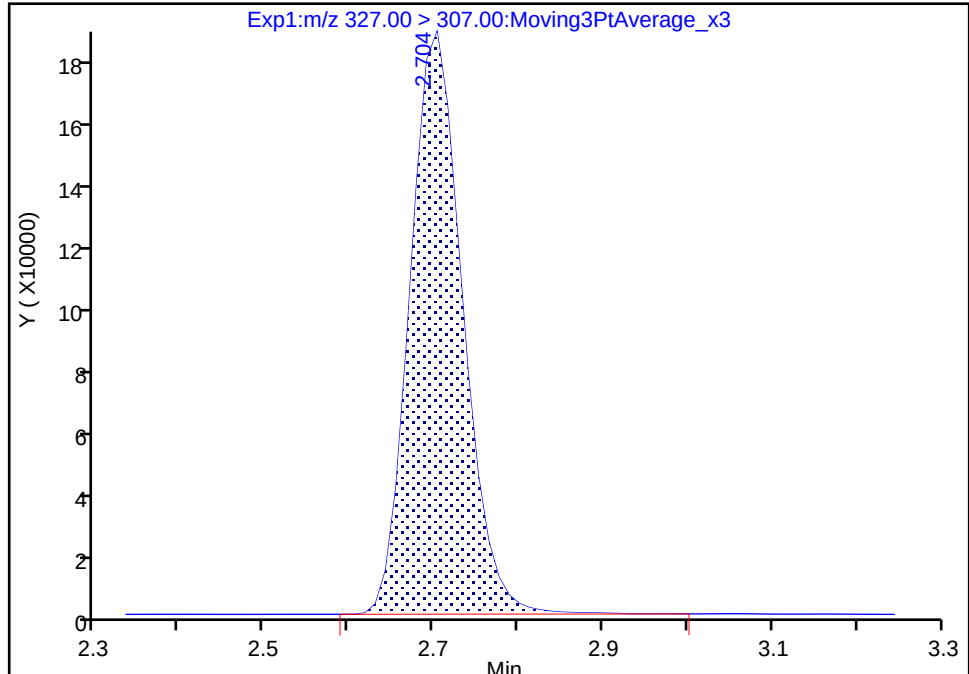
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

61 1H,1H,2H,2H-perfluorohexanesulfo, CAS: 757124-72-4

Signal: 1

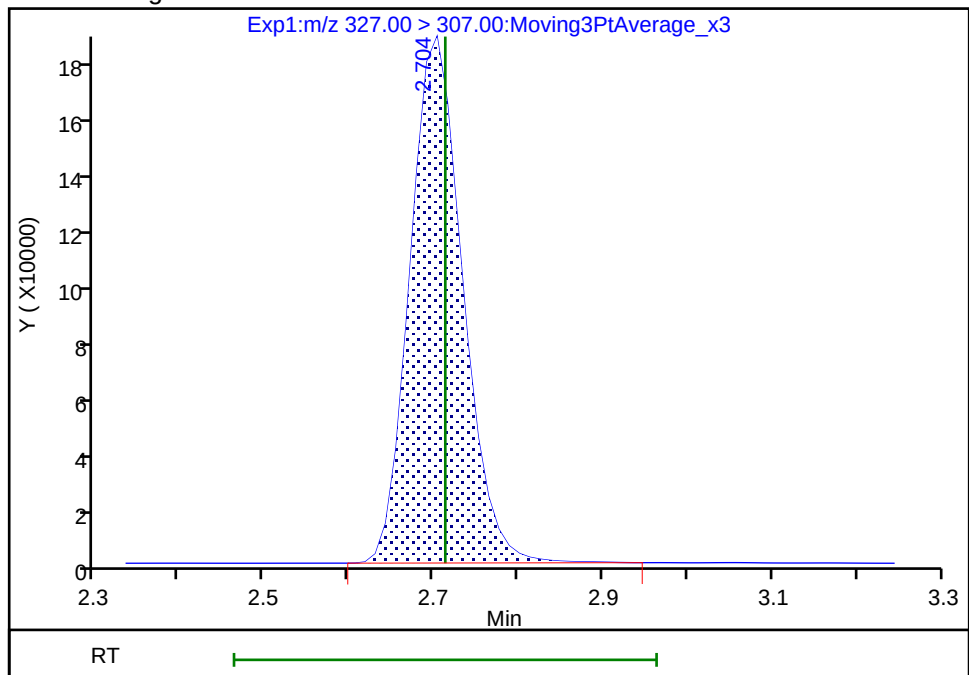
RT: 2.70
Area: 808351
Amount: 2.231705
Amount Units: ng/ml

Processing Integration Results



RT: 2.70
Area: 807484
Amount: 2.229311
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:39:07

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

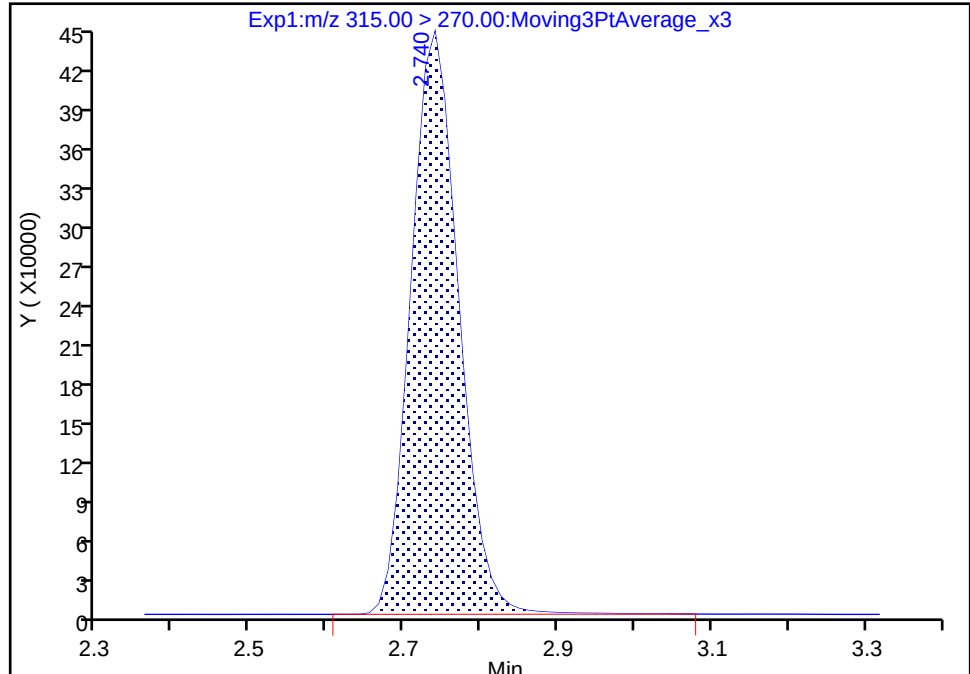
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 7 13C2 PFHxA, CAS: STL00993

Signal: 1

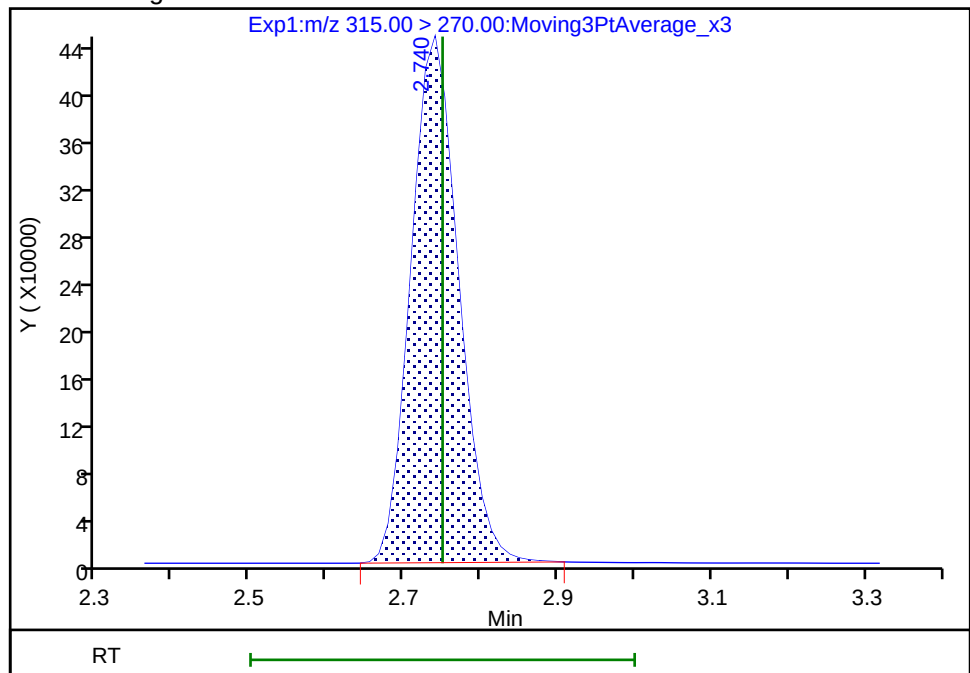
RT: 2.74
Area: 1936649
Amount: 1.192447
Amount Units: ng/ml

Processing Integration Results



RT: 2.74
Area: 1924258
Amount: 1.196918
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:41:46
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

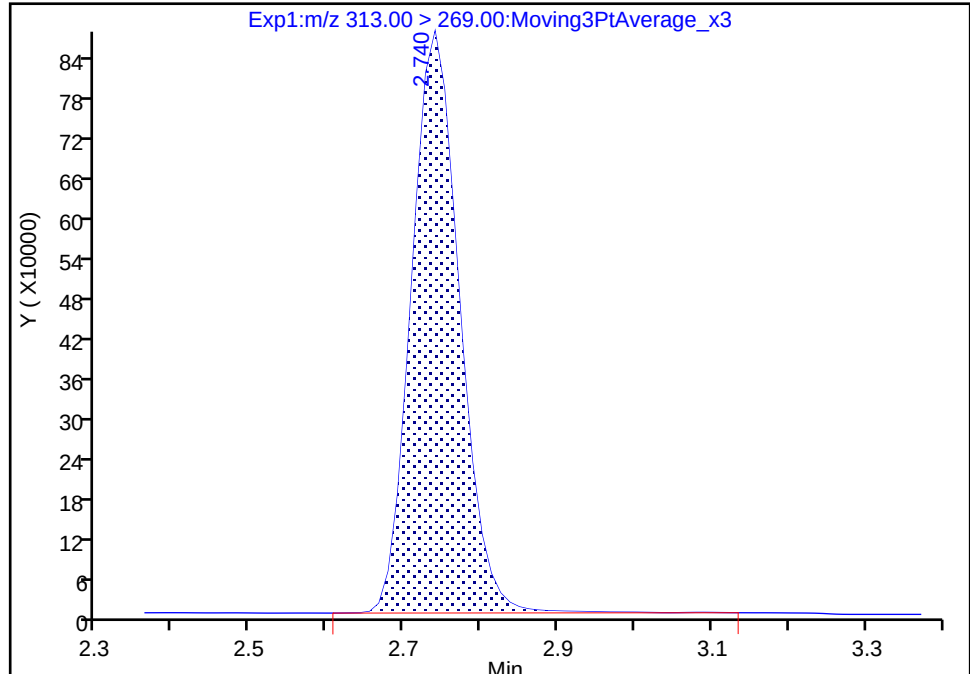
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

6 Perfluorohexanoic acid, CAS: 307-24-4

Signal: 1

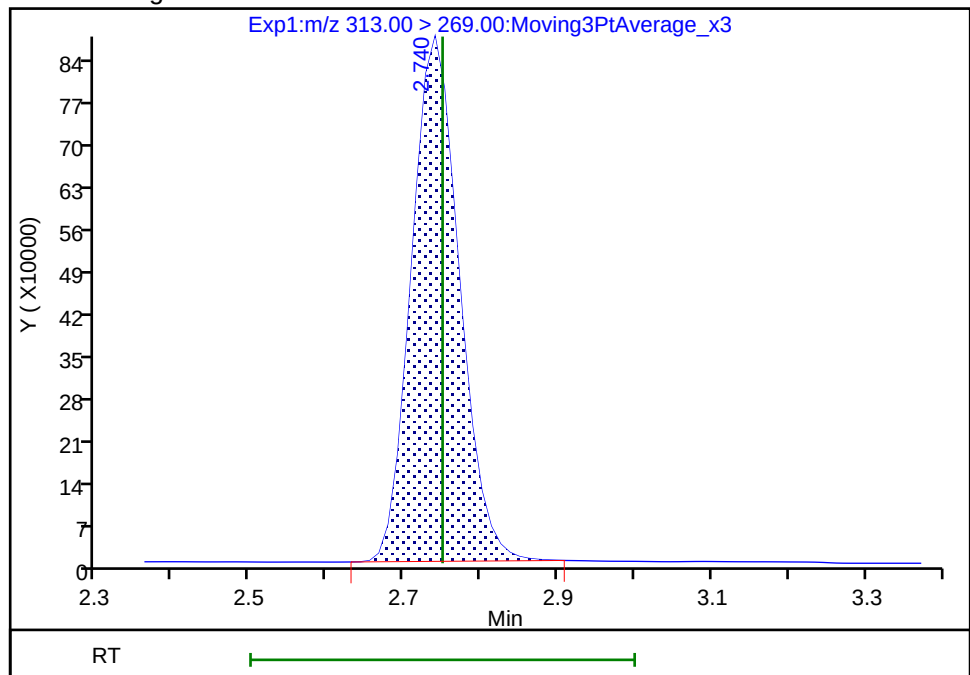
RT: 2.74
Area: 3816481
Amount: 2.360733
Amount Units: ng/ml

Processing Integration Results



RT: 2.74
Area: 3784146
Amount: 2.355805
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:39:11

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

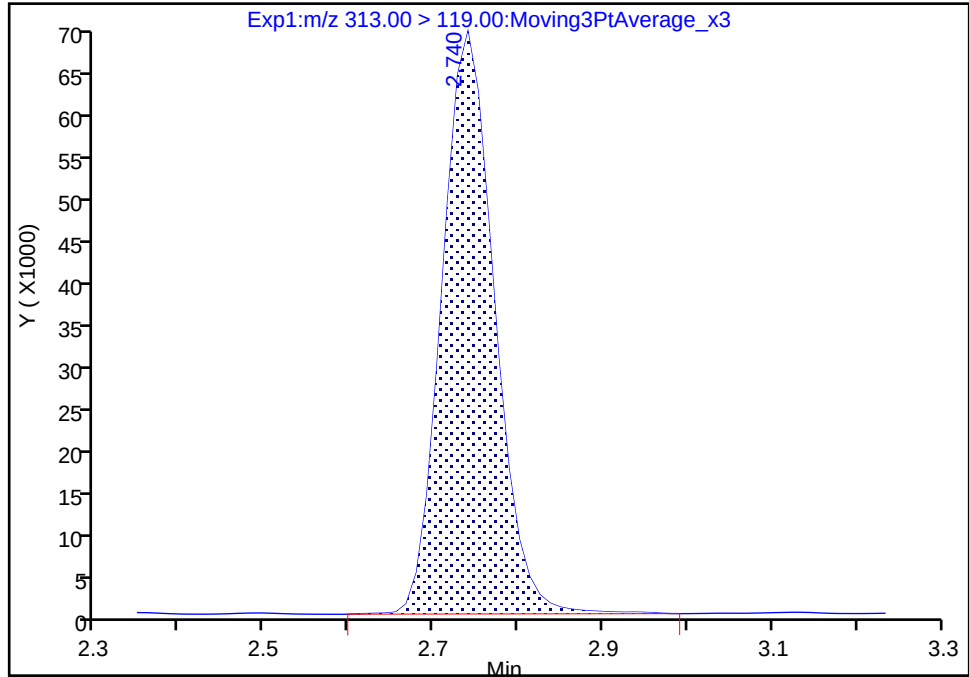
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

6 Perfluorohexanoic acid, CAS: 307-24-4

Signal: 2

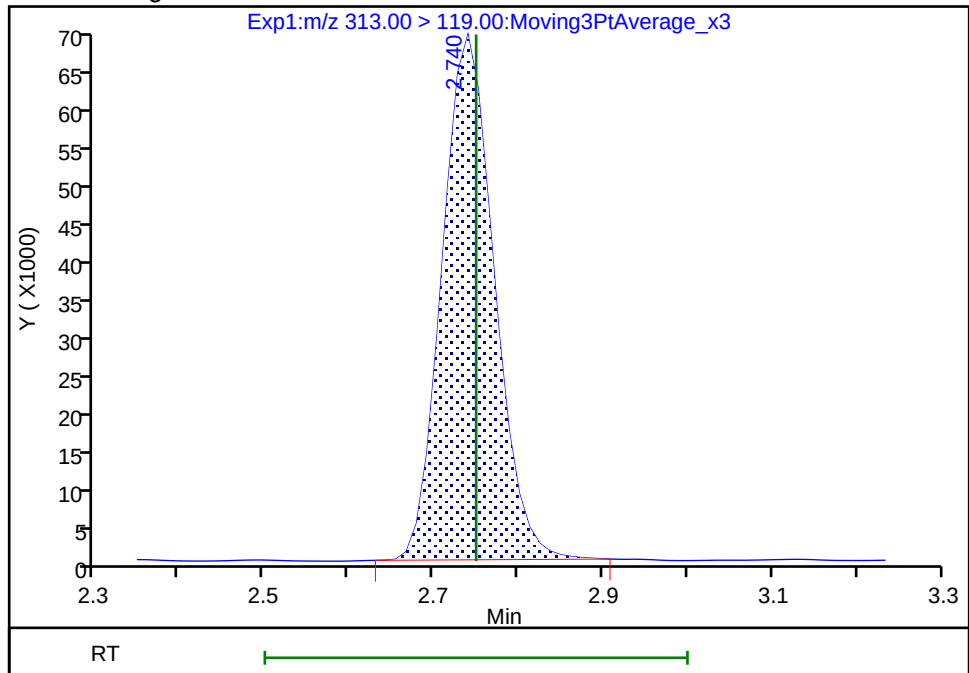
RT: 2.74
Area: 299504
Amount: 2.360733
Amount Units: ng/ml

Processing Integration Results



RT: 2.74
Area: 296278
Amount: 2.355805
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:39:14

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

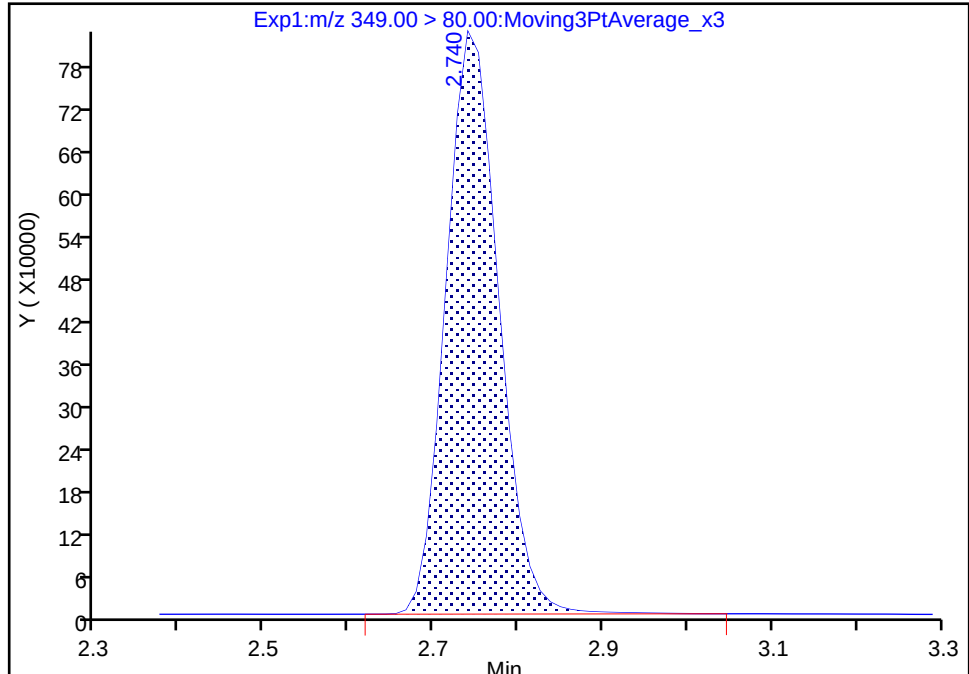
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

70 Perfluoropentanesulfonic acid, CAS: 2706-91-4

Signal: 1

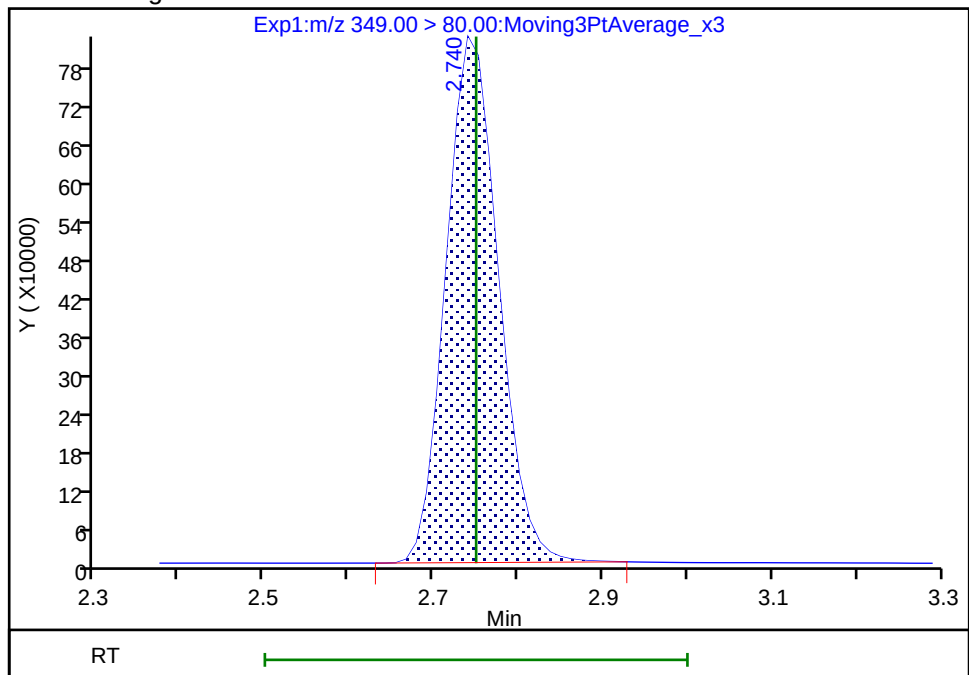
RT: 2.74
Area: 3577399
Amount: 2.156111
Amount Units: ng/ml

Processing Integration Results



RT: 2.74
Area: 3559587
Amount: 2.145376
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:39:19

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d

Injection Date: 04-Aug-2022 22:36:58

Instrument ID: LC812

Lims ID: CCV L5

Client ID:

Operator ID: lc812tech

ALS Bottle#:

16

Worklist Smp#: 16

Injection Vol: 20.0 ul

Dil. Factor:

1.0000

Method: PFC_LC812

Limit Group:

LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

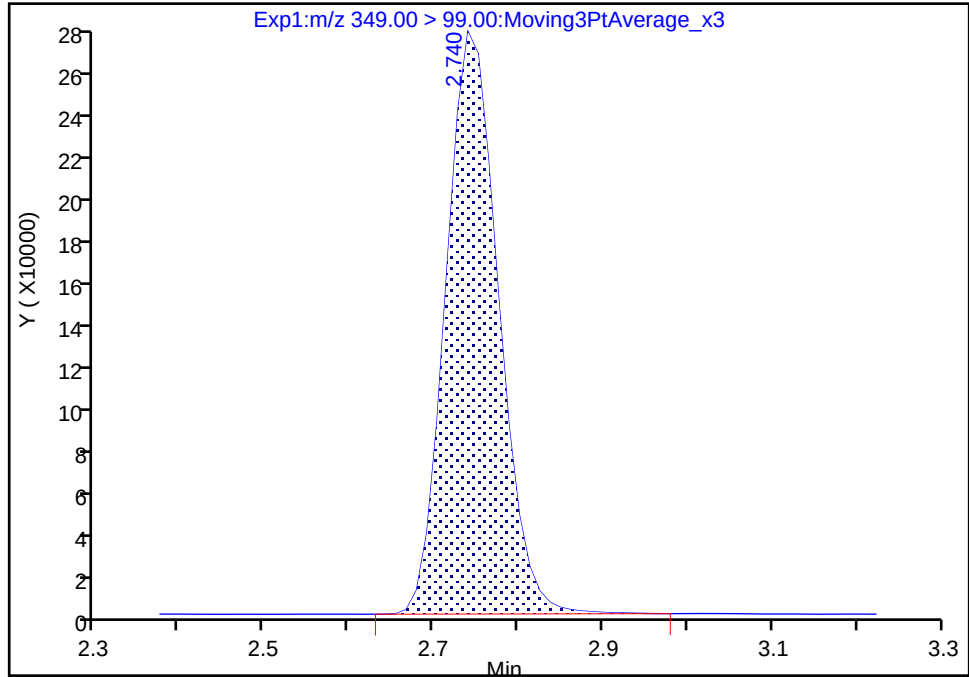
EXP1

70 Perfluoropentanesulfonic acid, CAS: 2706-91-4

Signal: 2

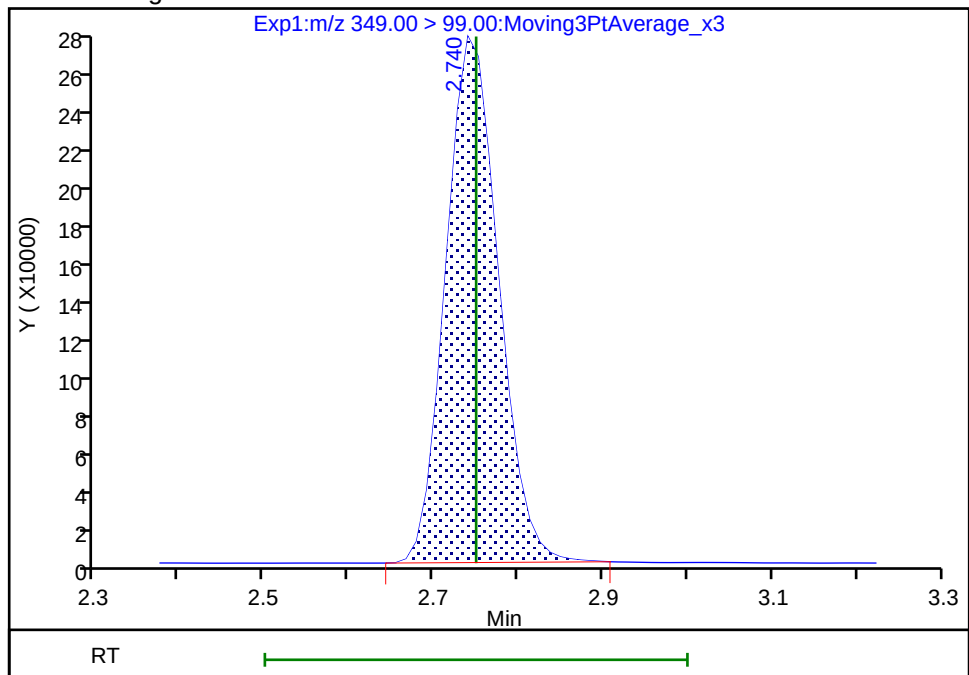
RT: 2.74
Area: 1186121
Amount: 2.156111
Amount Units: ng/ml

Processing Integration Results



RT: 2.74
Area: 1181273
Amount: 2.145376
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:39:22

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

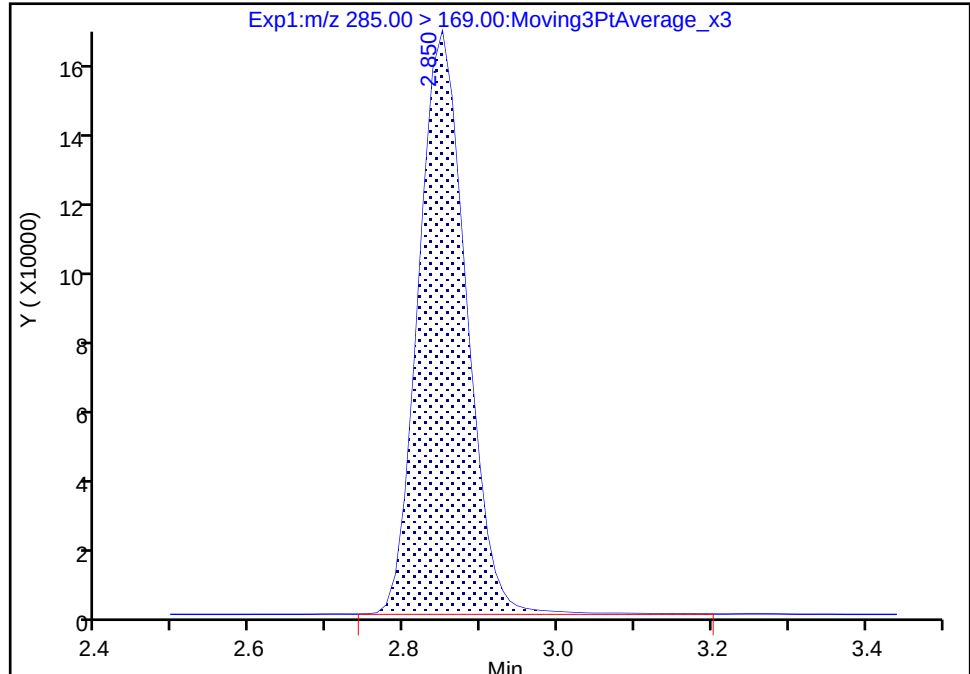
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

67 Perfluoro(2-propoxypropanoic) ac, CAS: 13252-13-6

Signal: 1

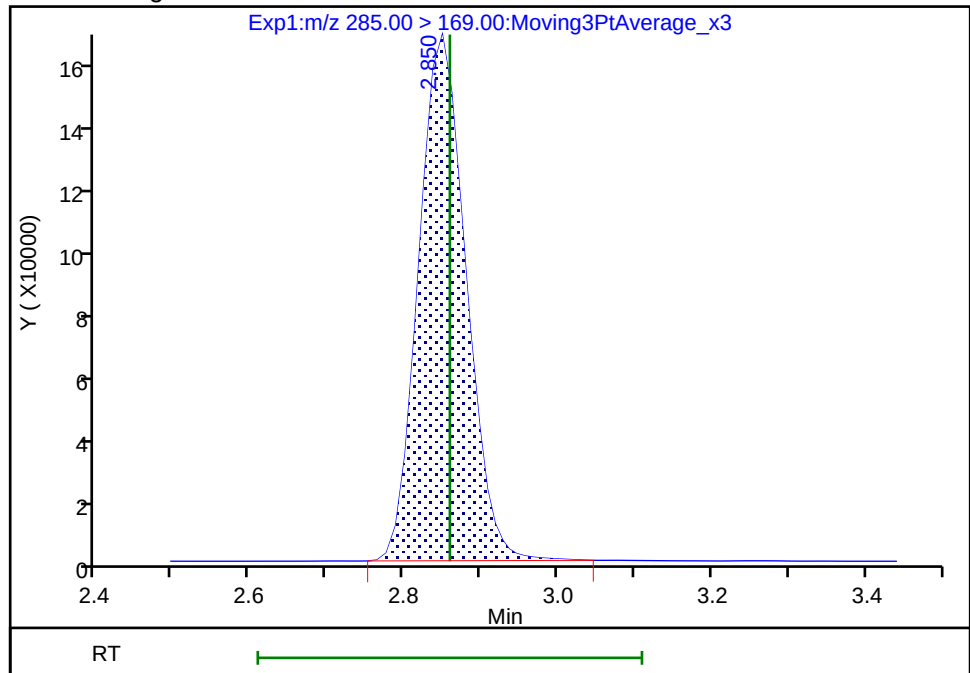
RT: 2.85
Area: 711815
Amount: 2.304489
Amount Units: ng/ml

Processing Integration Results



RT: 2.85
Area: 706734
Amount: 2.288040
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:41:59
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

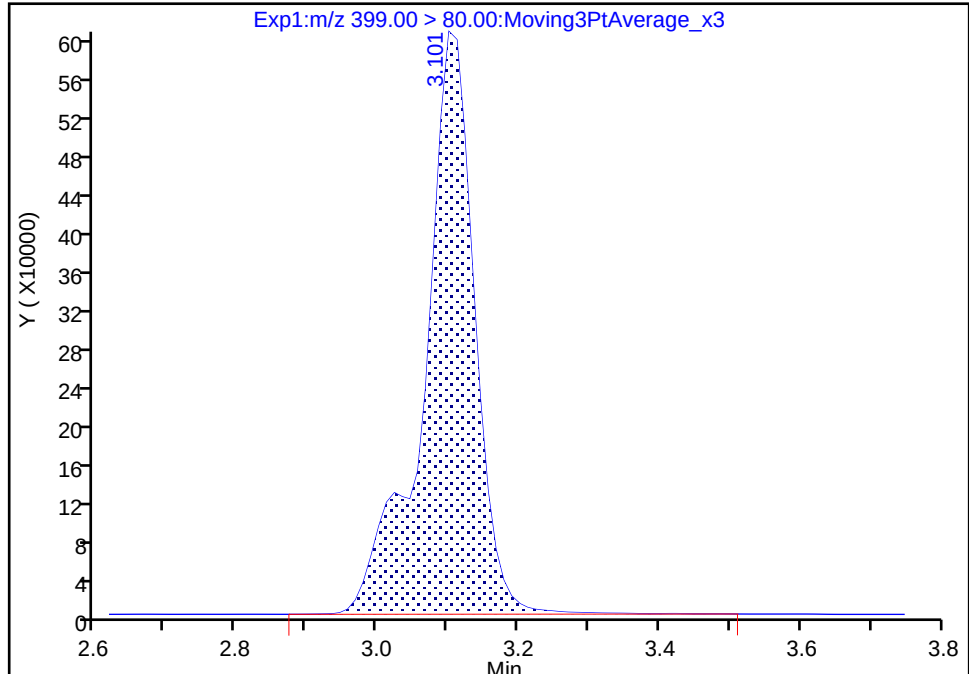
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 1

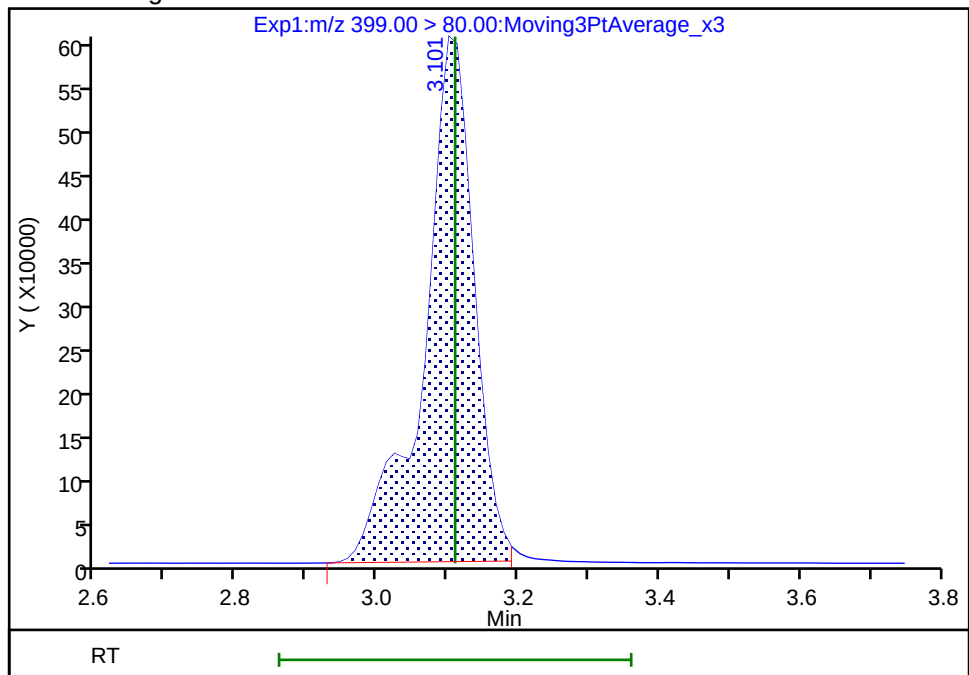
RT: 3.10
Area: 3017070
Amount: 2.137670
Amount Units: ng/ml

Processing Integration Results



RT: 3.10
Area: 2958632
Amount: 2.096266
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:43:02
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d

Injection Date: 04-Aug-2022 22:36:58

Instrument ID: LC812

Lims ID: CCV L5

Client ID:

Operator ID: lc812tech

ALS Bottle#:

16

Worklist Smp#: 16

Injection Vol: 20.0 ul

Dil. Factor:

1.0000

Method: PFC_LC812

Limit Group:

LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

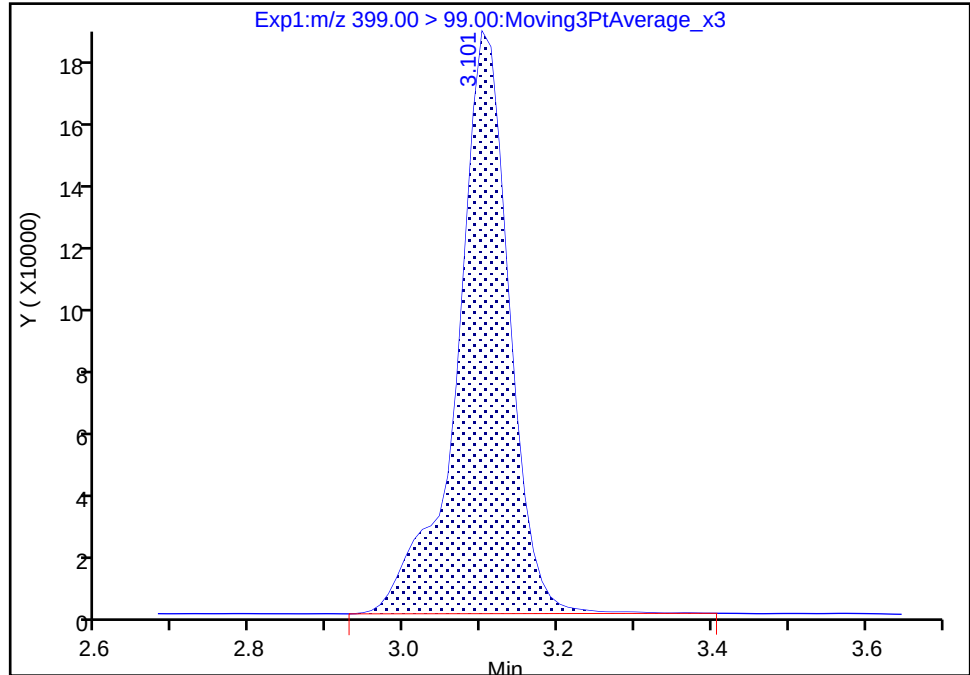
EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 2

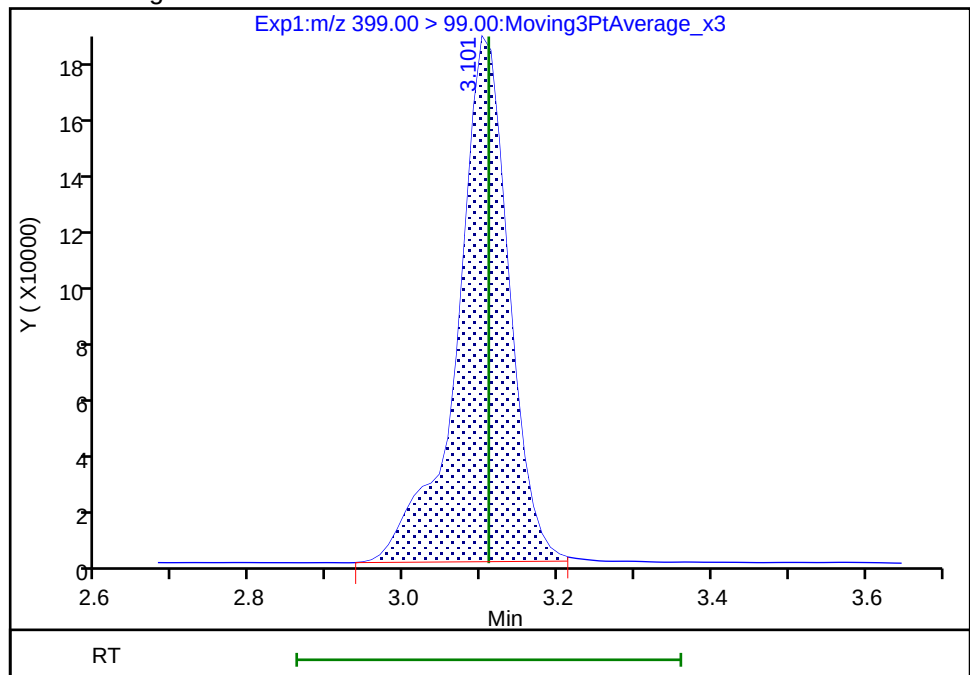
RT: 3.10
Area: 869244
Amount: 2.137670
Amount Units: ng/ml

Processing Integration Results



RT: 3.10
Area: 859997
Amount: 2.096266
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:43:06

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

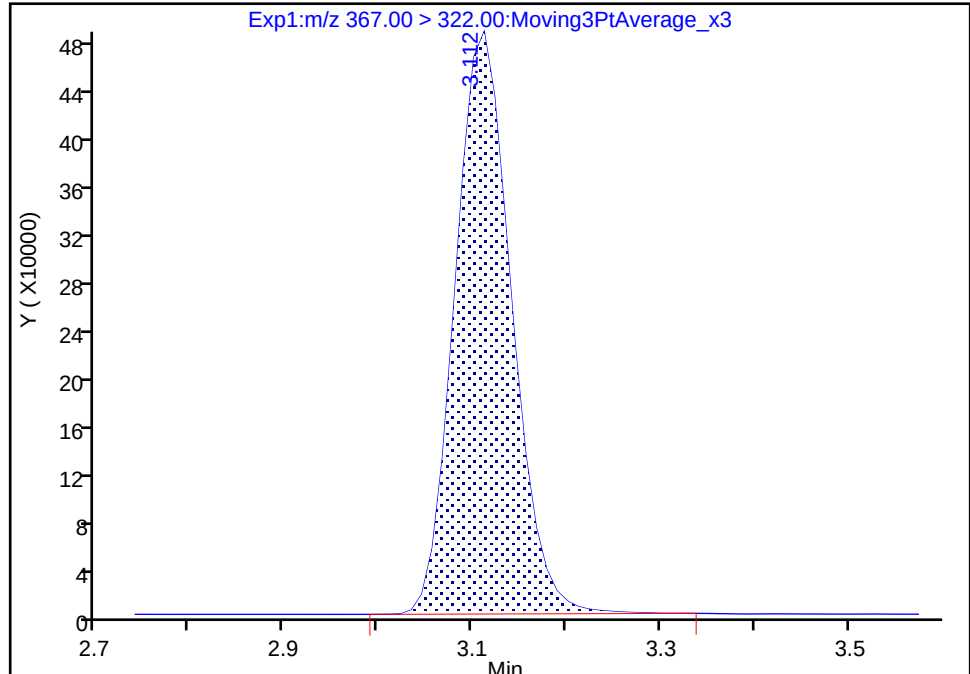
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 9 13C4 PFHpA, CAS: STL01892

Signal: 1

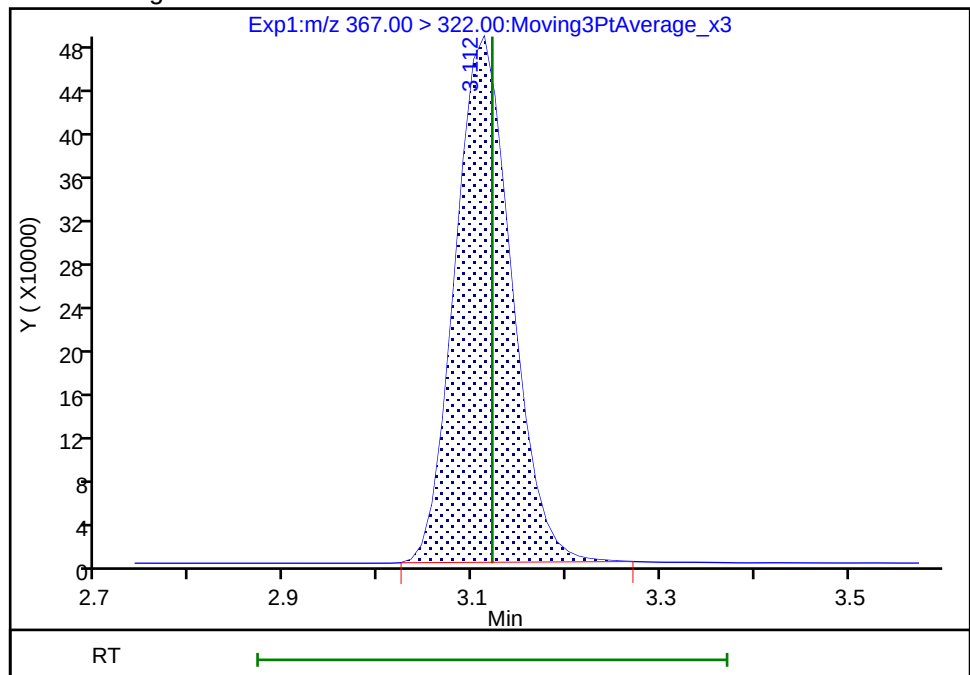
RT: 3.11
Area: 2034197
Amount: 1.207532
Amount Units: ng/ml

Processing Integration Results



RT: 3.11
Area: 2023428
Amount: 1.213406
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:43:27
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

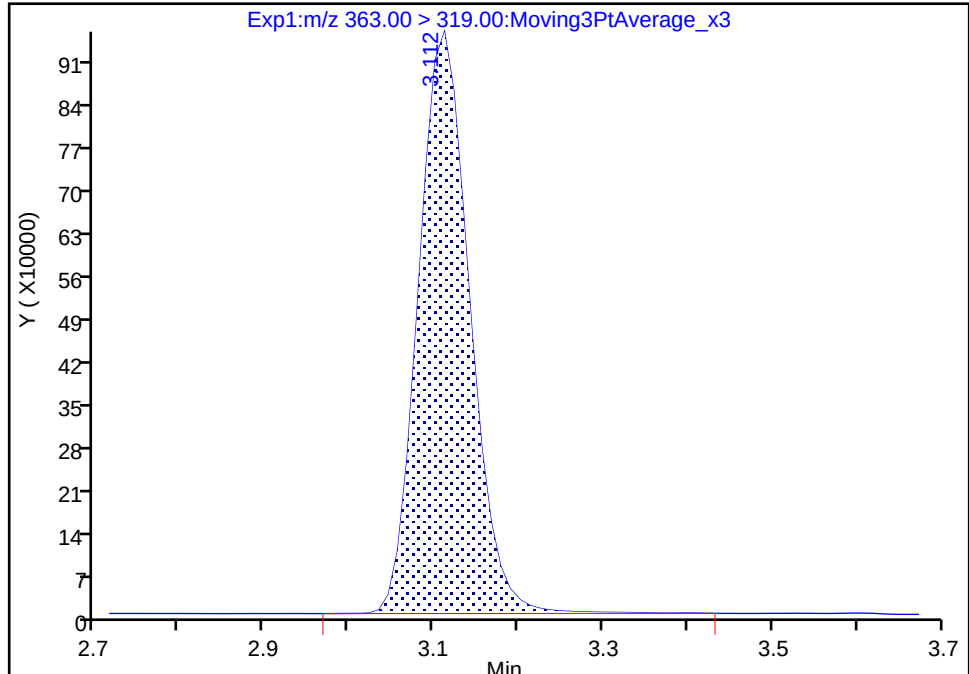
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

10 Perfluoroheptanoic acid, CAS: 375-85-9

Signal: 1

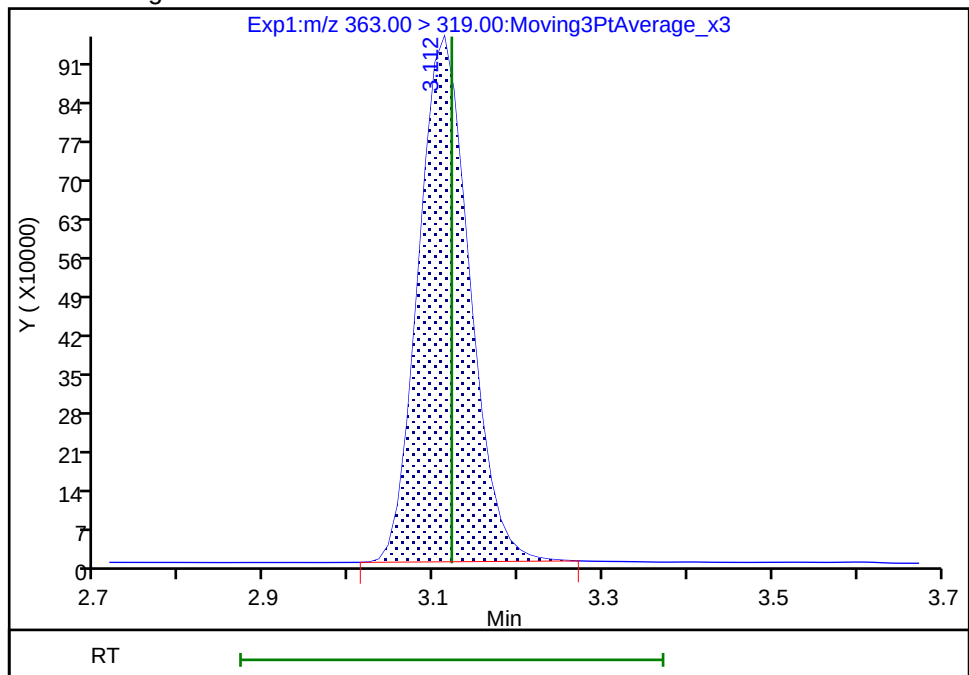
RT: 3.11
Area: 4027033
Amount: 2.401112
Amount Units: ng/ml

Processing Integration Results



RT: 3.11
Area: 3993958
Amount: 2.394065
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:43:38
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

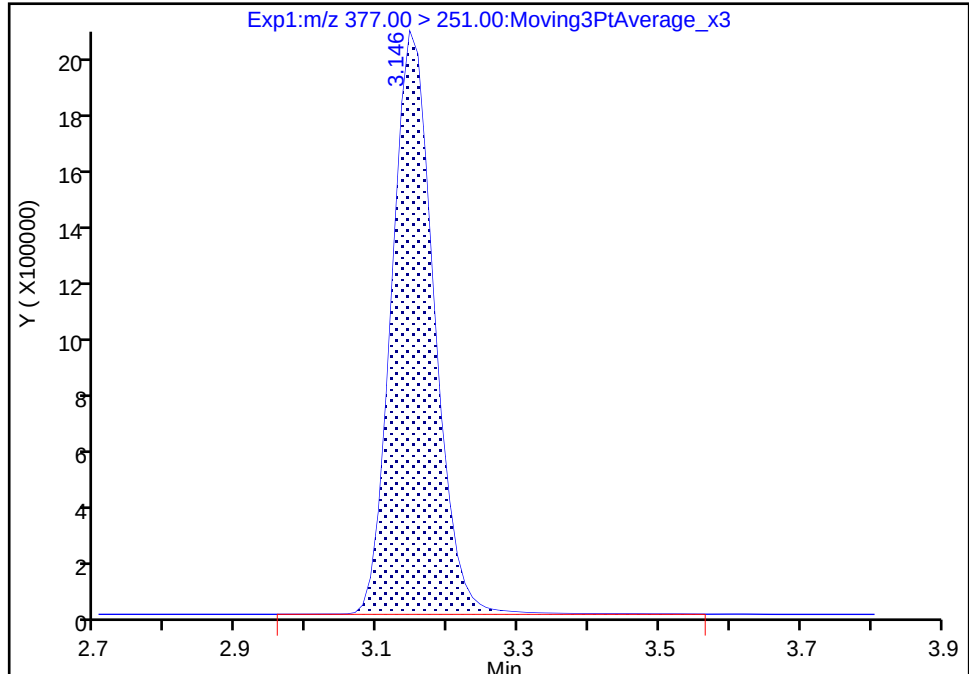
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

77 DONA, CAS: 919005-14-4

Signal: 1

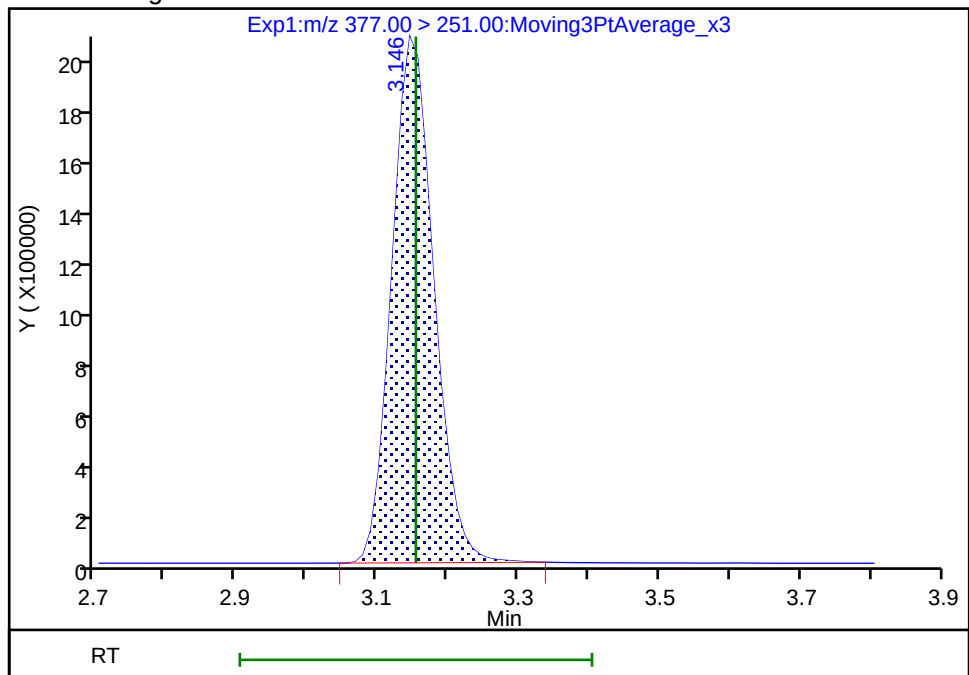
RT: 3.15
Area: 8706984
Amount: 2.320250
Amount Units: ng/ml

Processing Integration Results



RT: 3.15
Area: 8646003
Amount: 2.317693
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:39:48

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d

Injection Date: 04-Aug-2022 22:36:58

Instrument ID: LC812

Lims ID: CCV L5

Client ID:

Operator ID: lc812tech

ALS Bottle#:

16

Worklist Smp#: 16

Injection Vol: 20.0 ul

Dil. Factor:

1.0000

Method: PFC_LC812

Limit Group:

LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

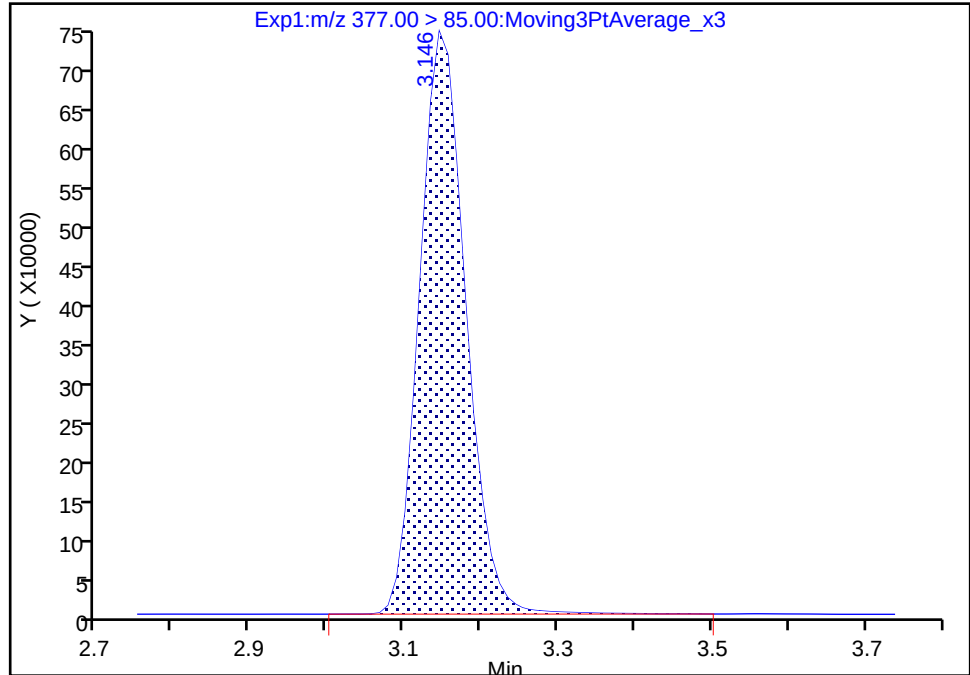
EXP1

77 DONA, CAS: 919005-14-4

Signal: 2

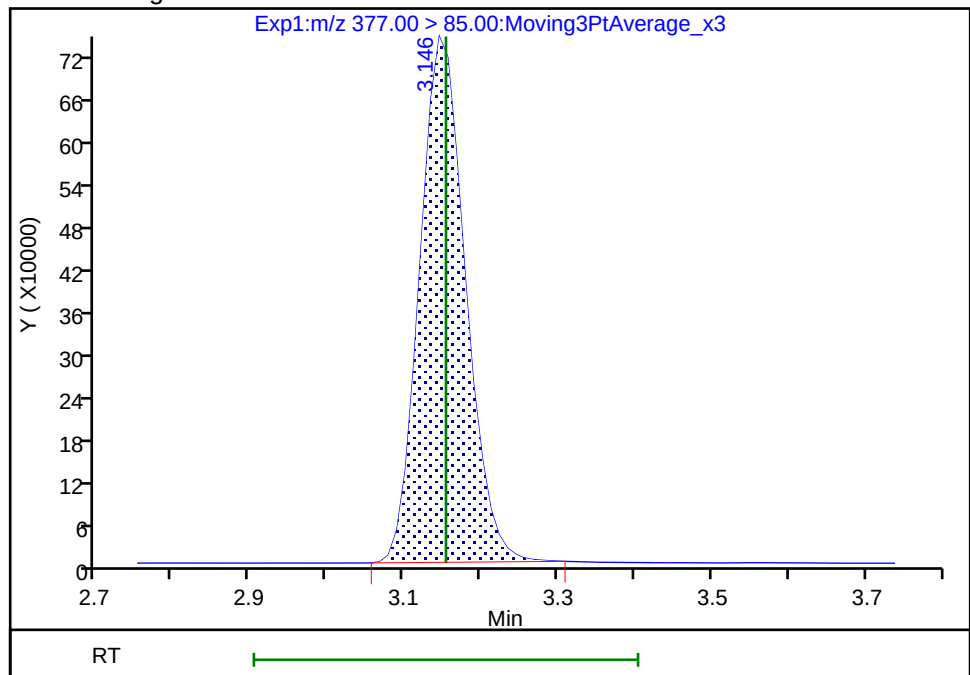
RT: 3.15
Area: 3095749
Amount: 2.320250
Amount Units: ng/ml

Processing Integration Results



RT: 3.15
Area: 3068469
Amount: 2.317693
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:39:53

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

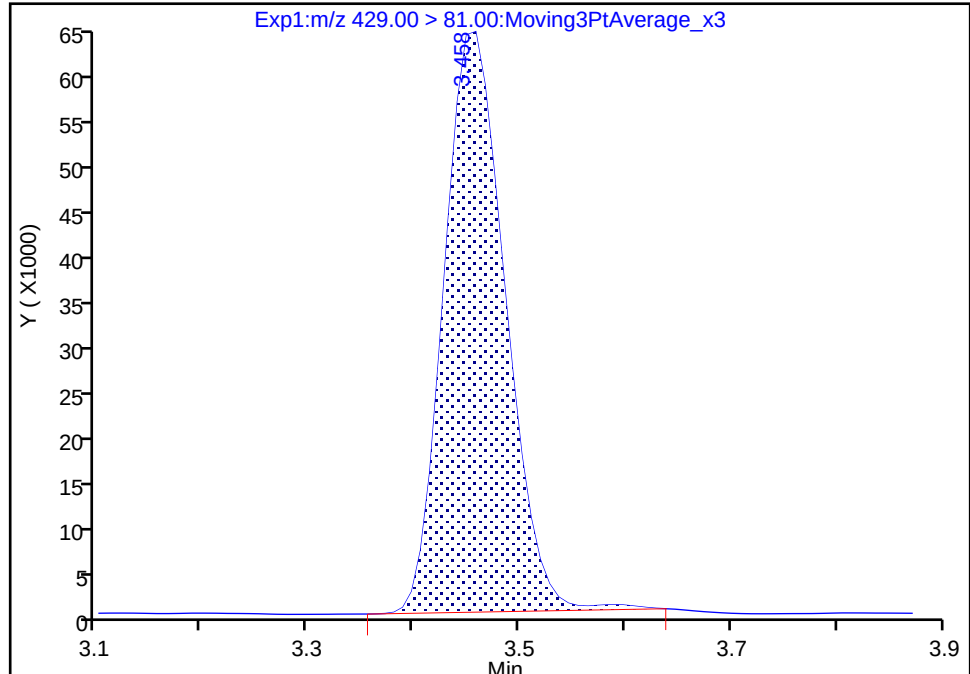
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 12 M2-6:2 FTS, CAS: STL02279

Signal: 1

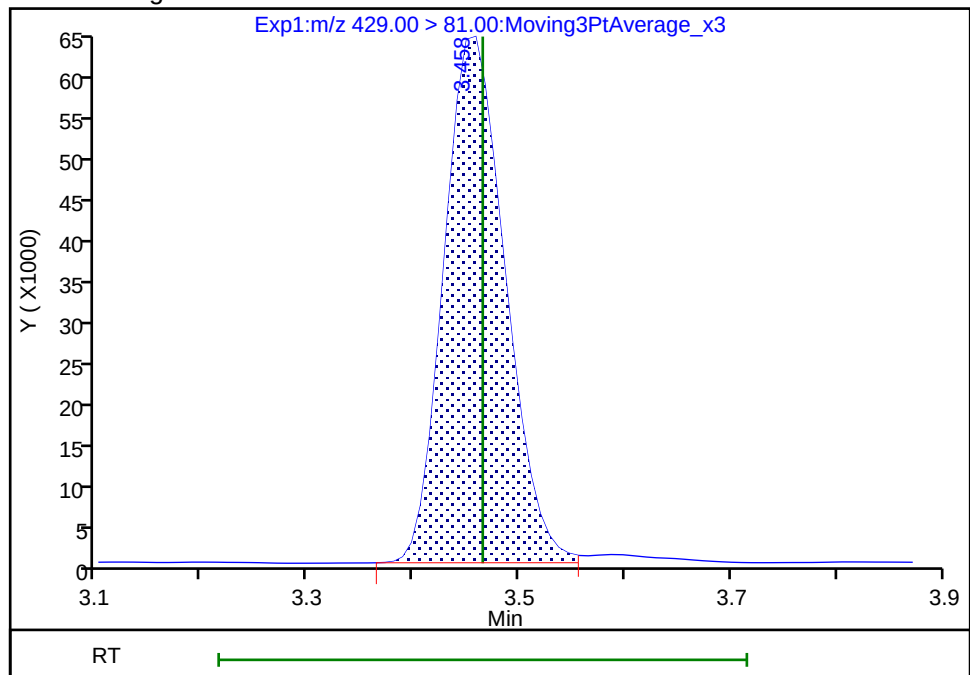
RT: 3.46
Area: 259422
Amount: 1.170840
Amount Units: ng/ml

Processing Integration Results



RT: 3.46
Area: 259801
Amount: 1.184526
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:44:10
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

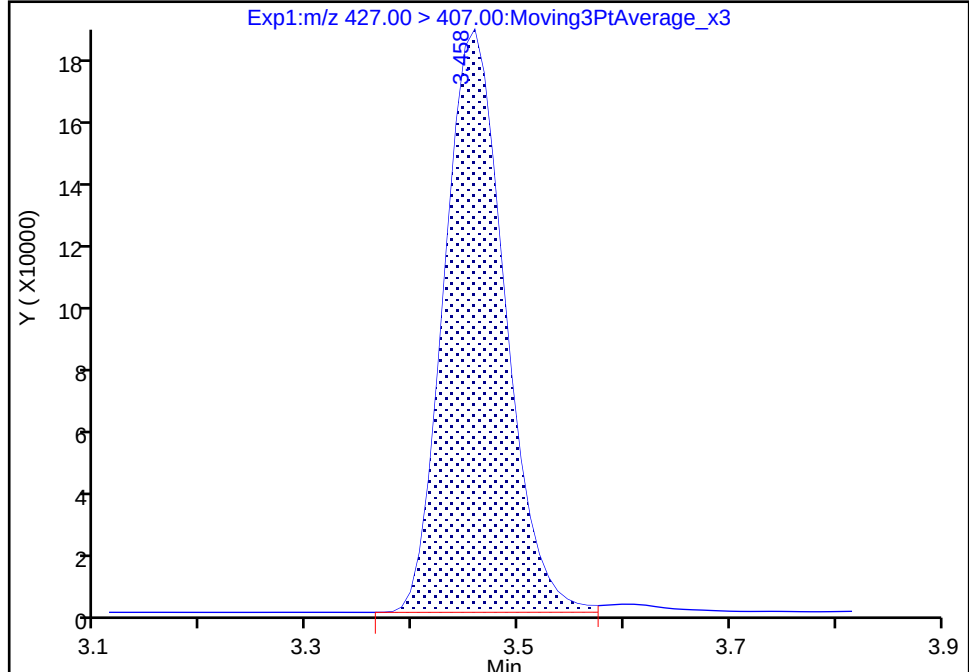
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

13 1H,1H,2H,2H-perfluorooctanesulfo, CAS: 27619-97-2

Signal: 1

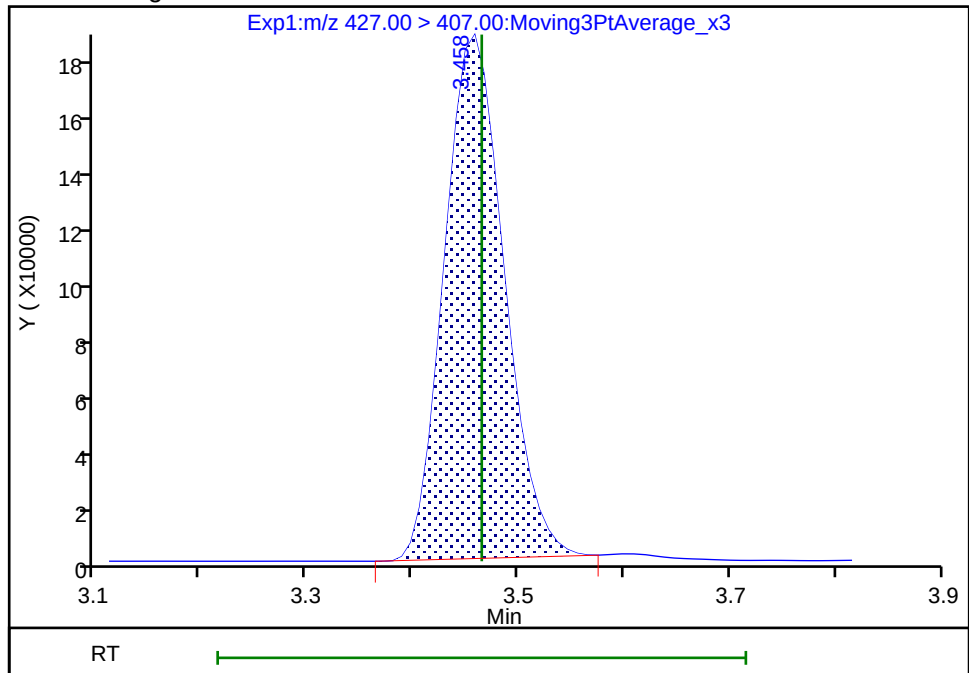
RT: 3.46
Area: 735920
Amount: 2.333523
Amount Units: ng/ml

Processing Integration Results



RT: 3.46
Area: 722751
Amount: 2.250258
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:49:28
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

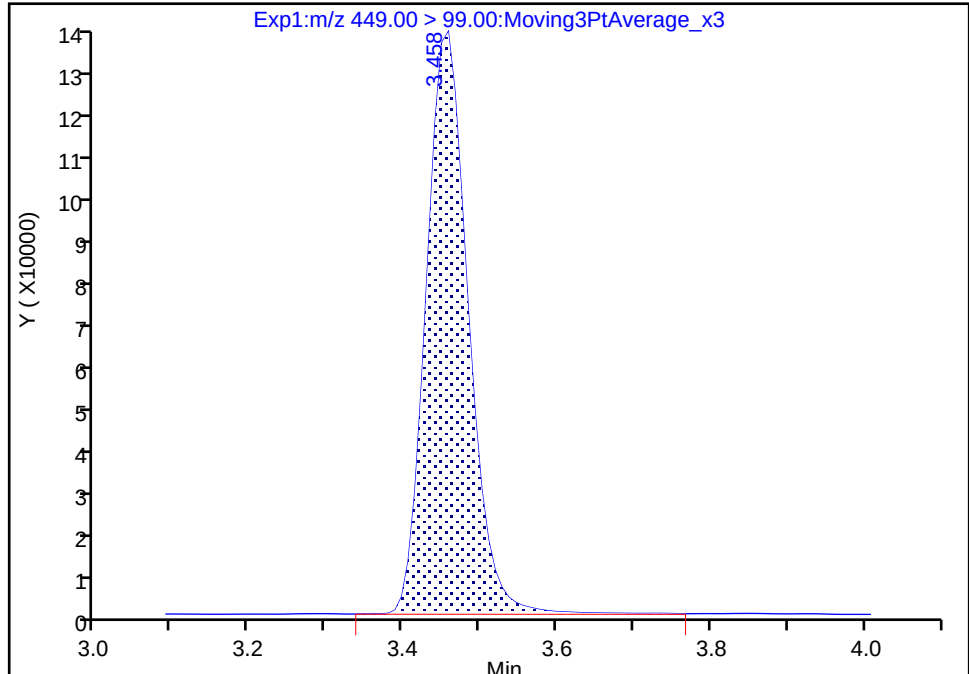
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

16 Perfluoroheptanesulfonic acid, CAS: 375-92-8

Signal: 2

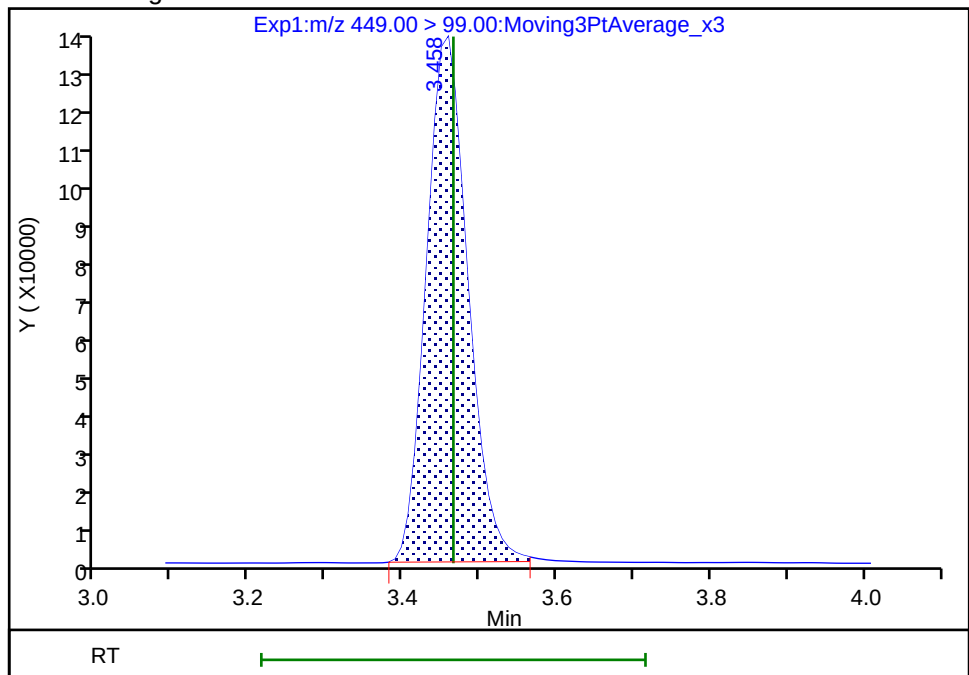
RT: 3.46
Area: 530157
Amount: 2.323322
Amount Units: ng/ml

Processing Integration Results



RT: 3.46
Area: 521179
Amount: 2.286600
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:44:39
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

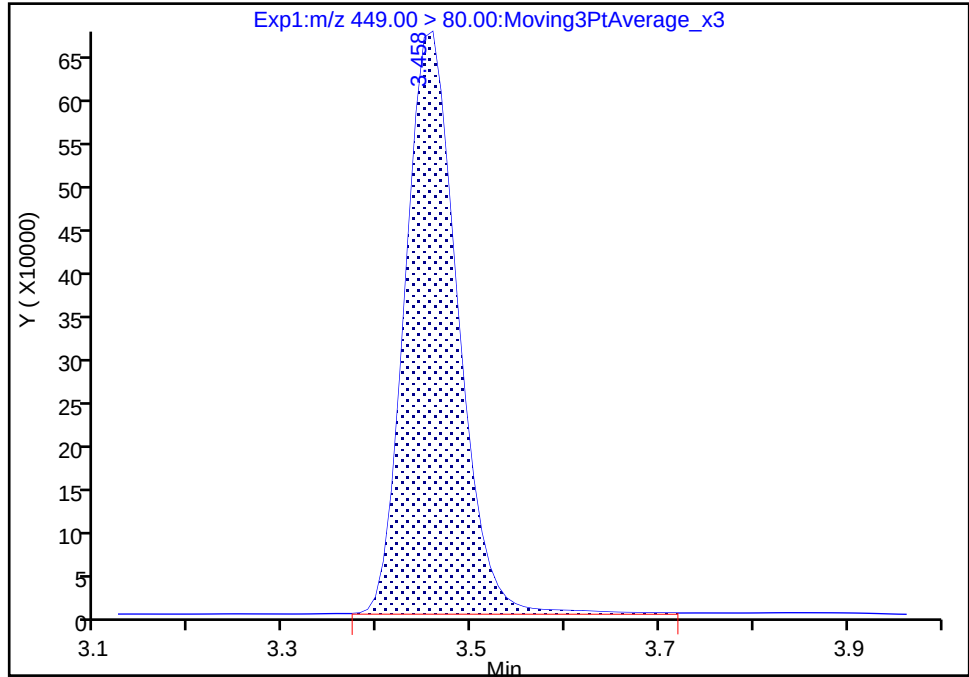
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

16 Perfluoroheptanesulfonic acid, CAS: 375-92-8

Signal: 1

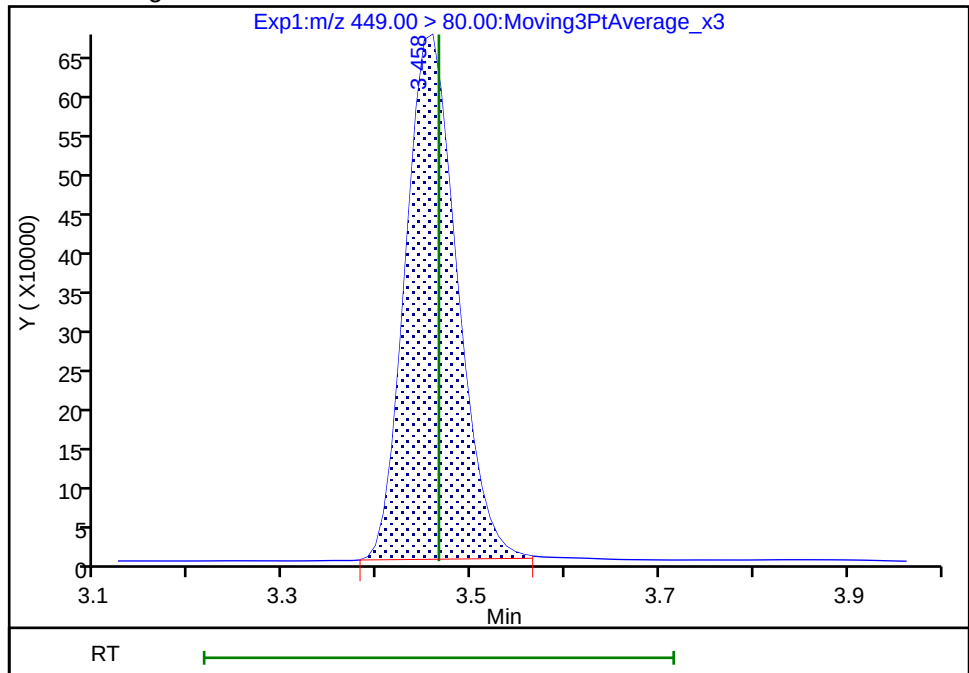
RT: 3.46
Area: 2616362
Amount: 2.323322
Amount Units: ng/ml

Processing Integration Results



RT: 3.46
Area: 2559794
Amount: 2.286600
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:44:45

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

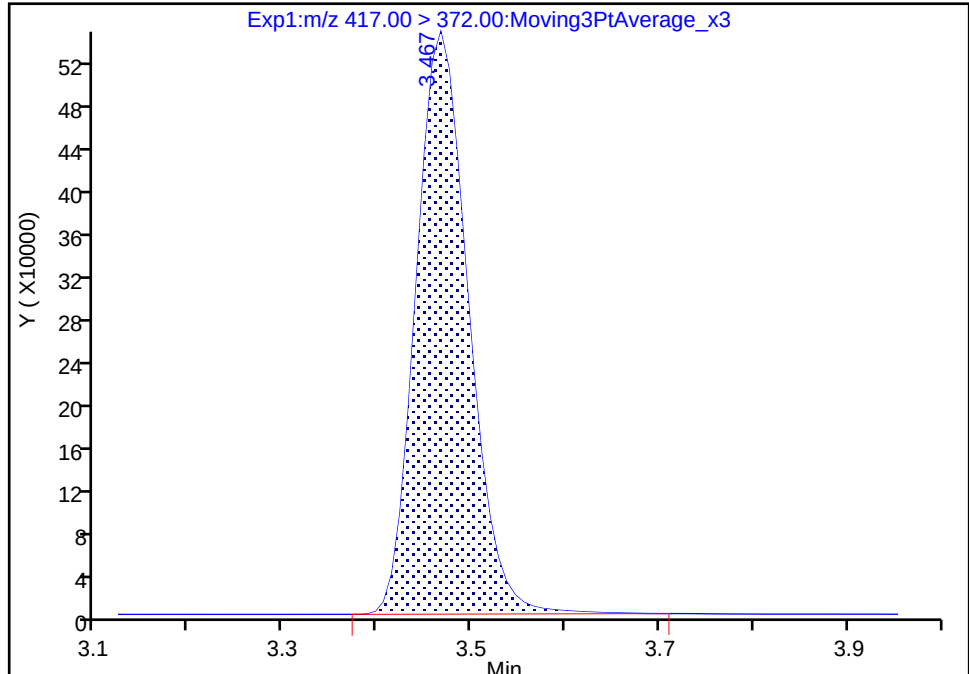
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 14 13C4 PFOA, CAS: STL00990

Signal: 1

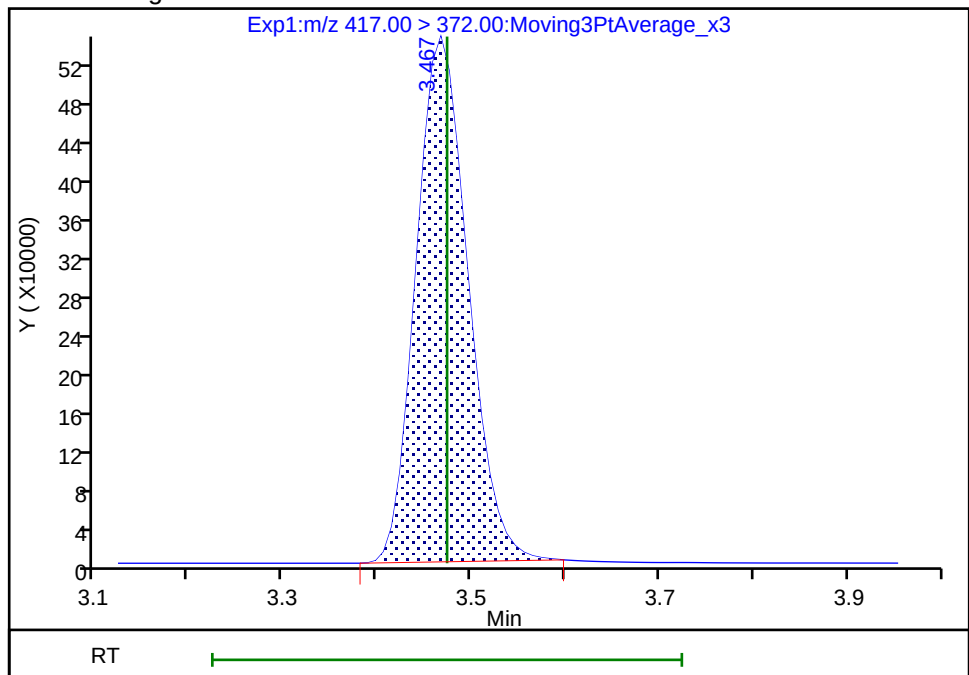
RT: 3.47
Area: 2102072
Amount: 1.217765
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 2075994
Amount: 1.214941
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:49:48
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

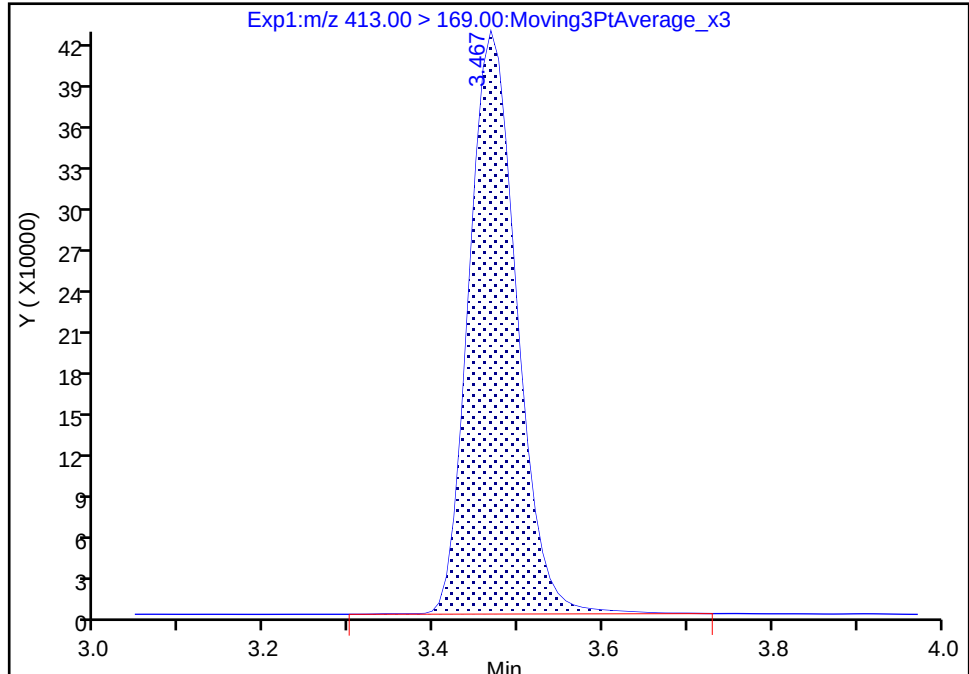
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 2

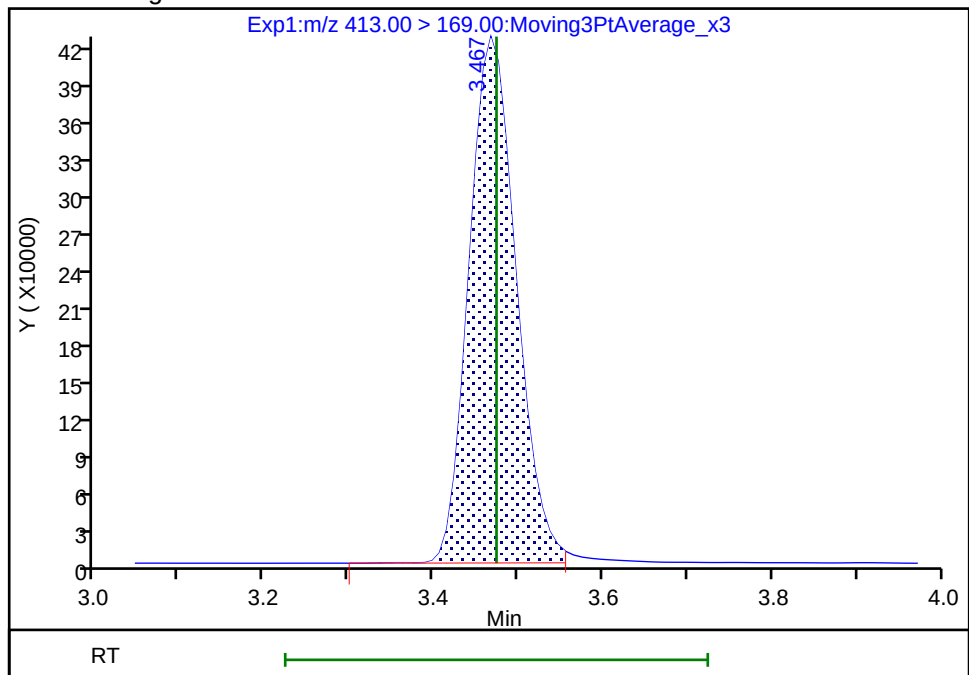
RT: 3.47
Area: 1642600
Amount: 2.355494
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 1623115
Amount: 2.373467
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:40:21

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d

Injection Date: 04-Aug-2022 22:36:58

Instrument ID: LC812

Lims ID: CCV L5

Client ID:

Operator ID: lc812tech

ALS Bottle#:

16

Worklist Smp#: 16

Injection Vol: 20.0 ul

Dil. Factor:

1.0000

Method: PFC_LC812

Limit Group:

LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

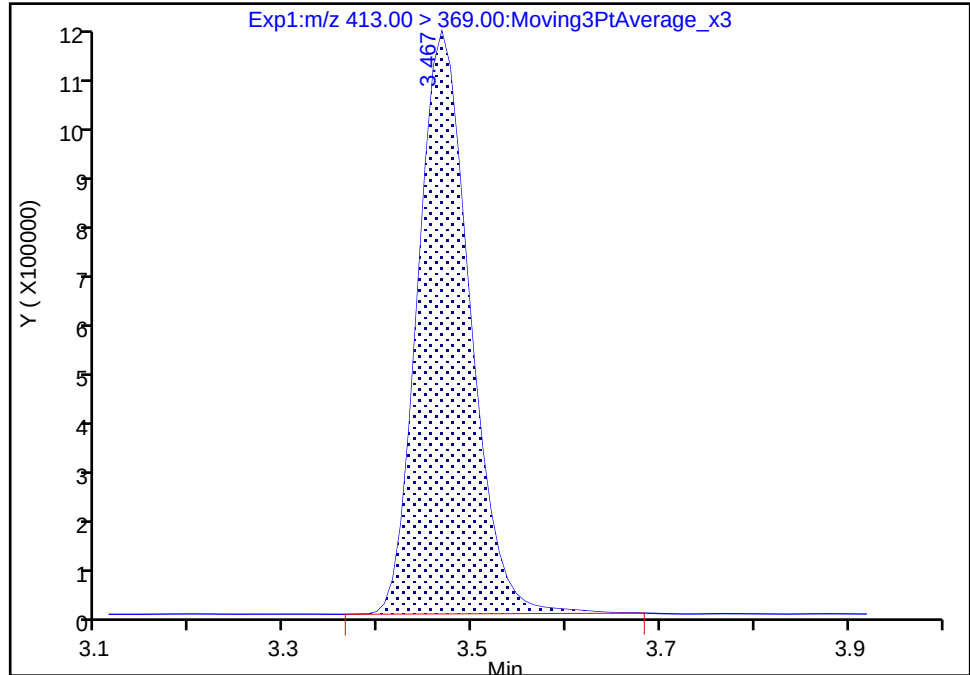
EXP1

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 1

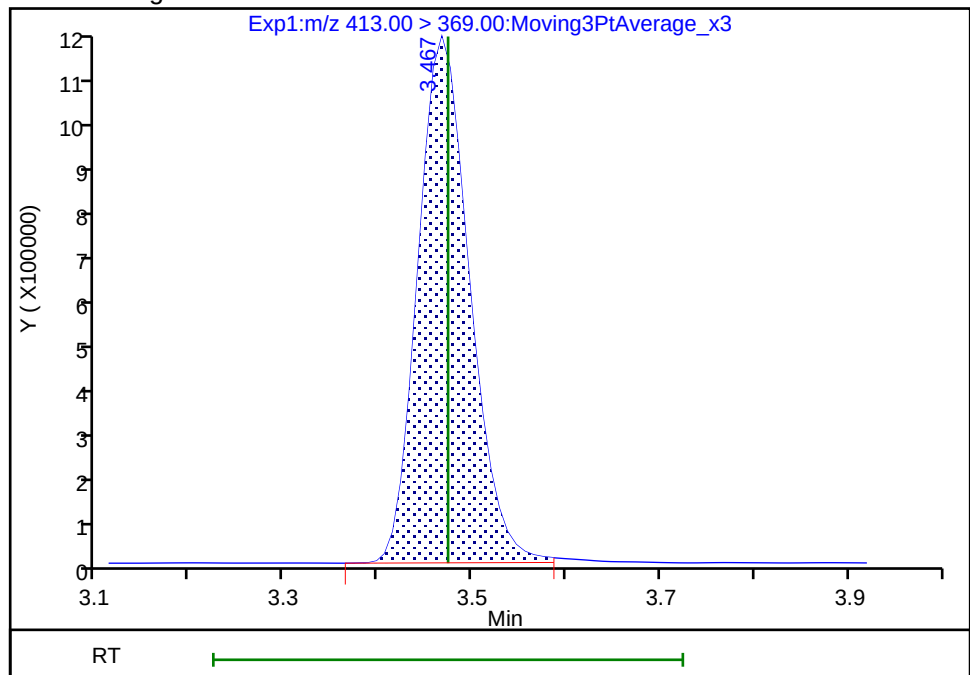
RT: 3.47
Area: 4442011
Amount: 2.355494
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 4420376
Amount: 2.373467
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:40:23

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

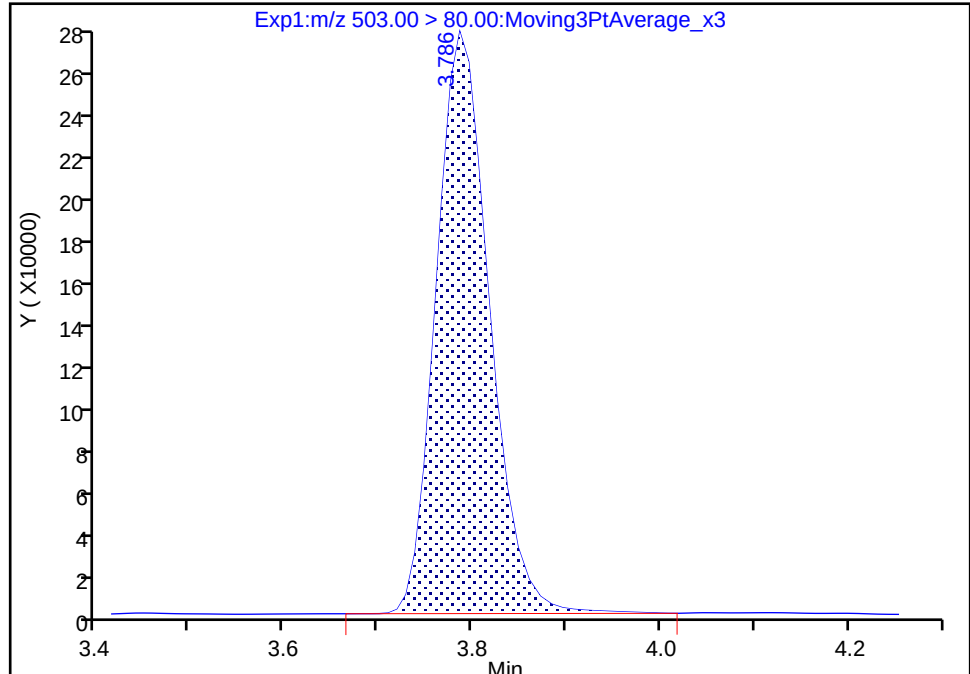
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 18 13C4 PFOS, CAS: STL00991

Signal: 1

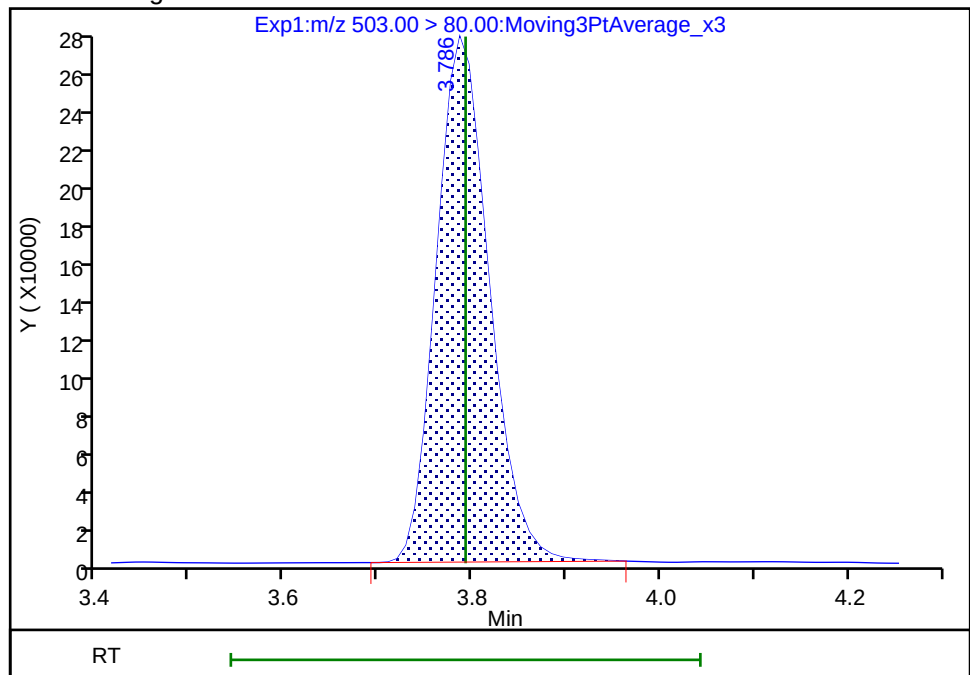
RT: 3.79
Area: 1088764
Amount: 1.101447
Amount Units: ng/ml

Processing Integration Results



RT: 3.79
Area: 1082331
Amount: 1.106121
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:46:00
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

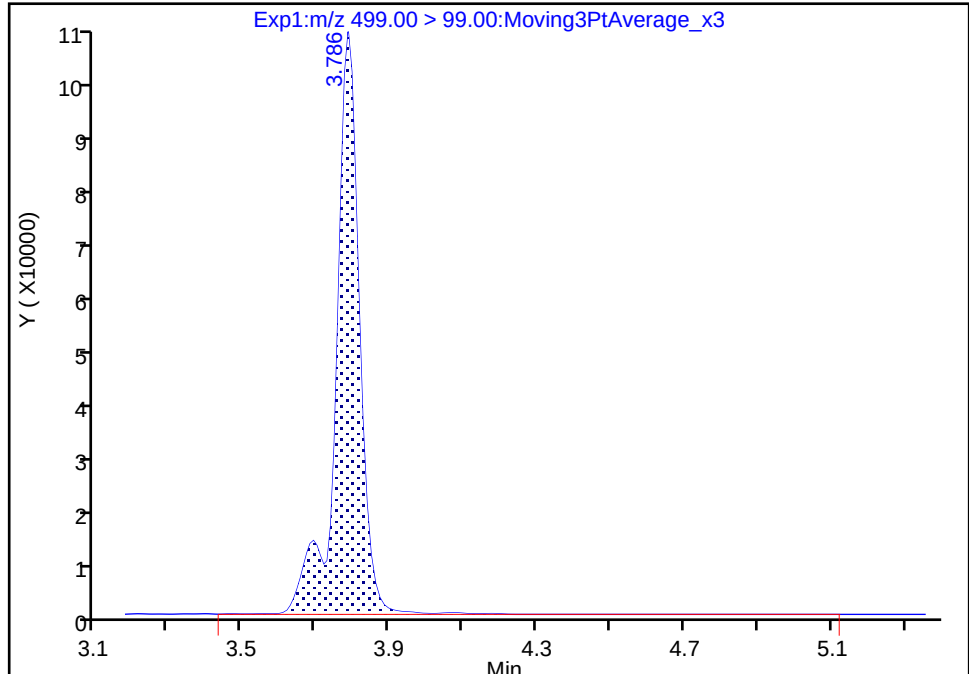
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 2

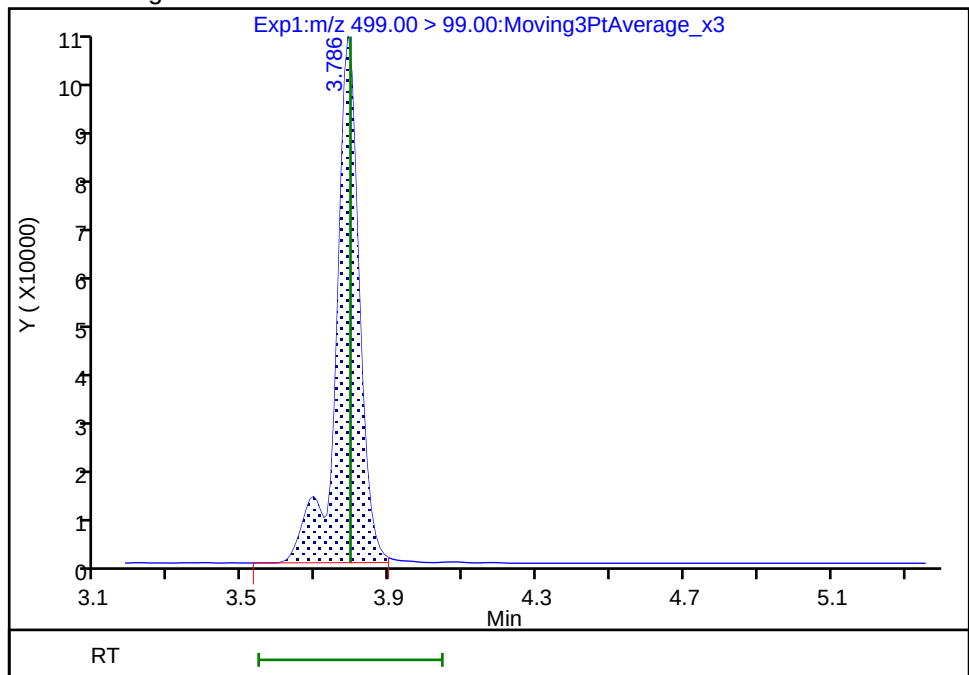
RT: 3.79
Area: 455048
Amount: 2.285848
Amount Units: ng/ml

Processing Integration Results



RT: 3.79
Area: 447850
Amount: 2.233816
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:45:42
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

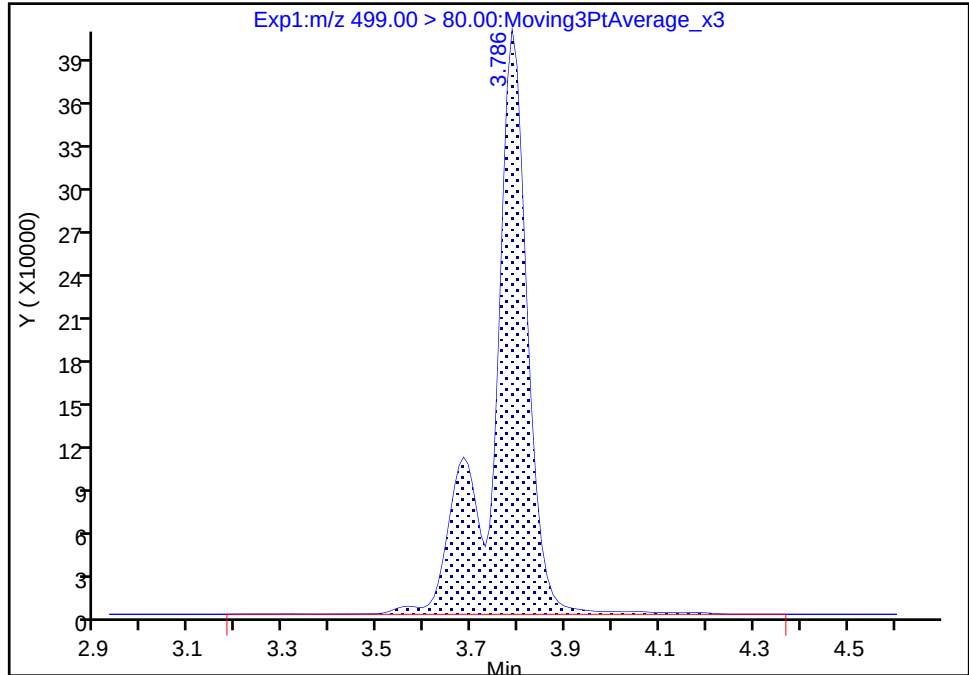
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 1

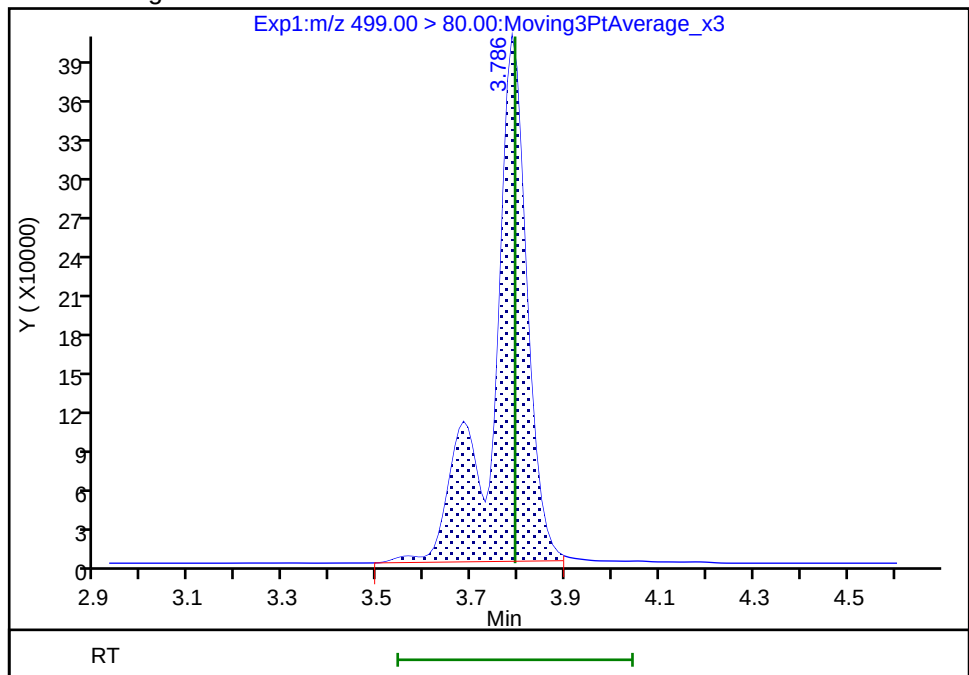
RT: 3.79
Area: 2088855
Amount: 2.285848
Amount Units: ng/ml

Processing Integration Results



RT: 3.79
Area: 2029625
Amount: 2.233816
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:45:47

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

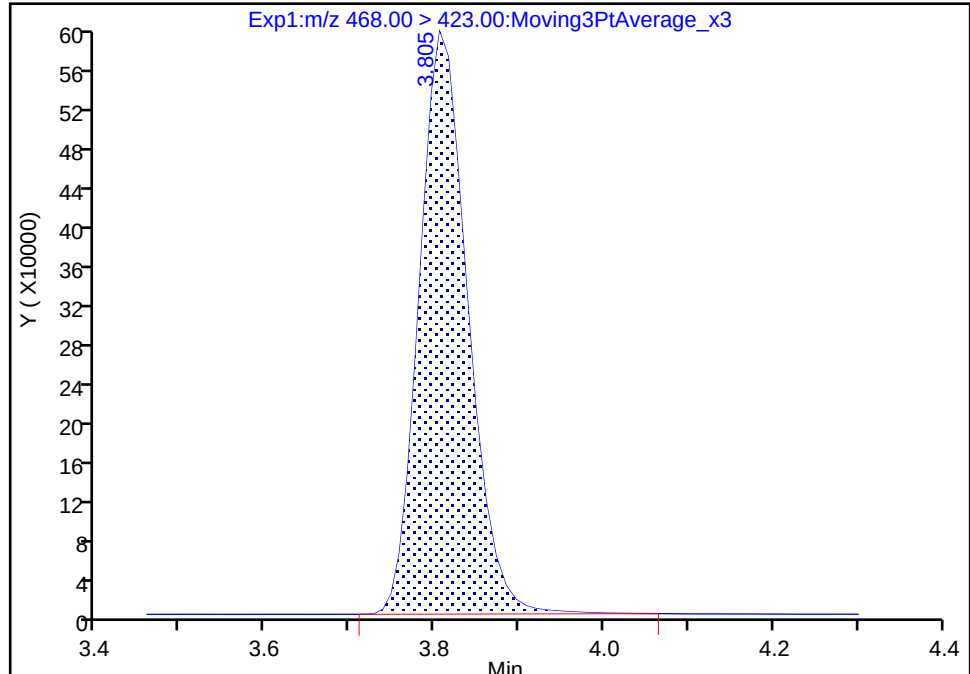
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 19 13C5 PFNA, CAS: STL00995

Signal: 1

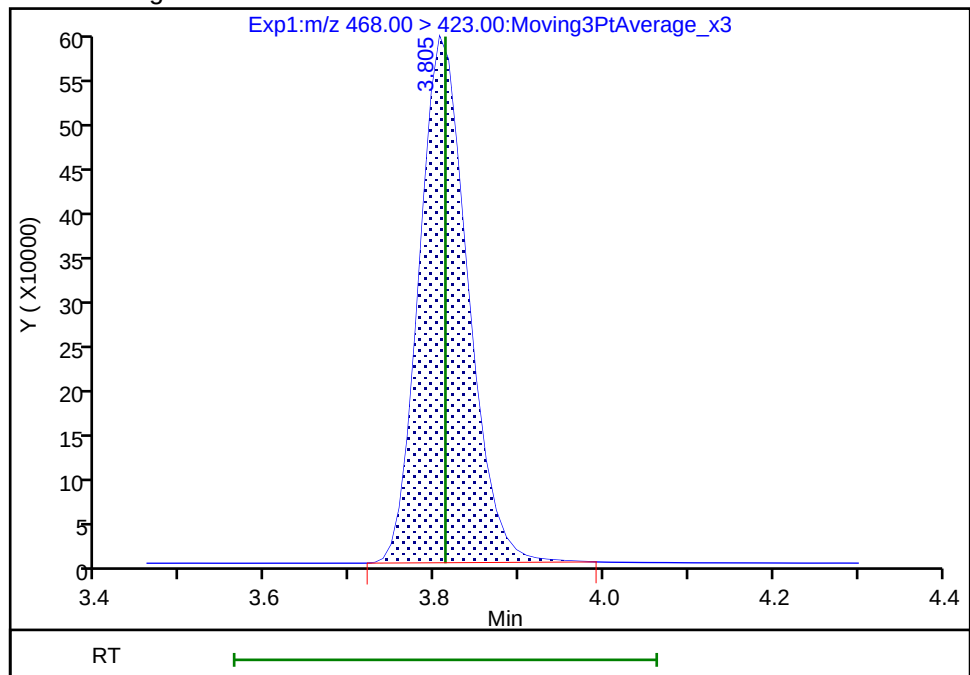
RT: 3.81
Area: 2359258
Amount: 1.329942
Amount Units: ng/ml

Processing Integration Results



RT: 3.81
Area: 2350207
Amount: 1.324839
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:46:10
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

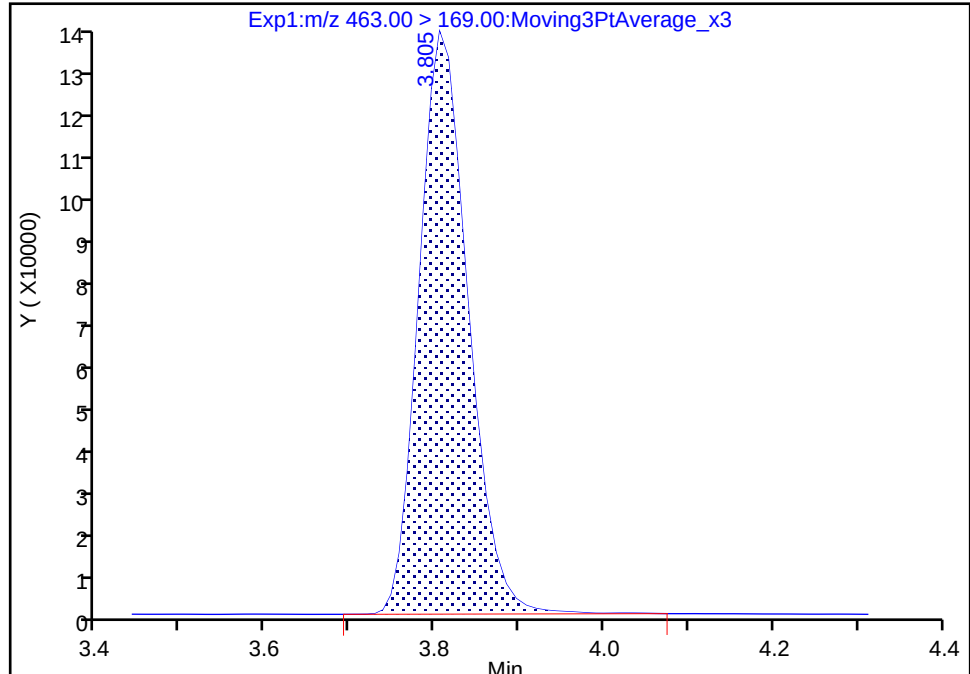
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

20 Perfluorononanoic acid, CAS: 375-95-1

Signal: 2

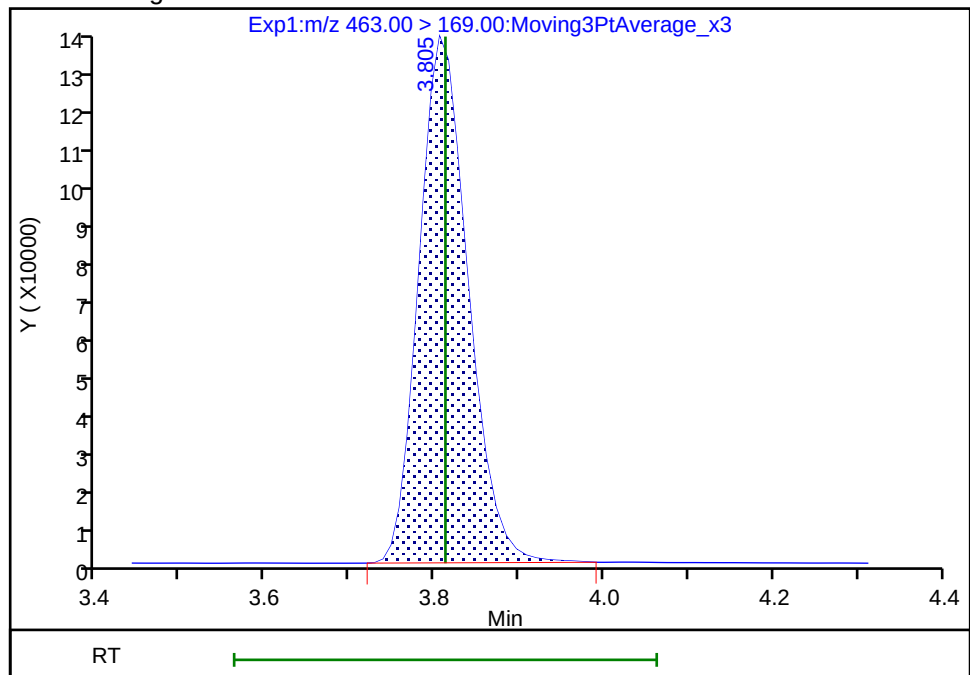
RT: 3.81
Area: 560963
Amount: 2.278481
Amount Units: ng/ml

Processing Integration Results



RT: 3.81
Area: 559368
Amount: 2.272621
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:40:52

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d

Injection Date: 04-Aug-2022 22:36:58

Instrument ID: LC812

Lims ID: CCV L5

Client ID:

Operator ID: lc812tech

ALS Bottle#:

16

Worklist Smp#: 16

Injection Vol: 20.0 ul

Dil. Factor:

1.0000

Method: PFC_LC812

Limit Group:

LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

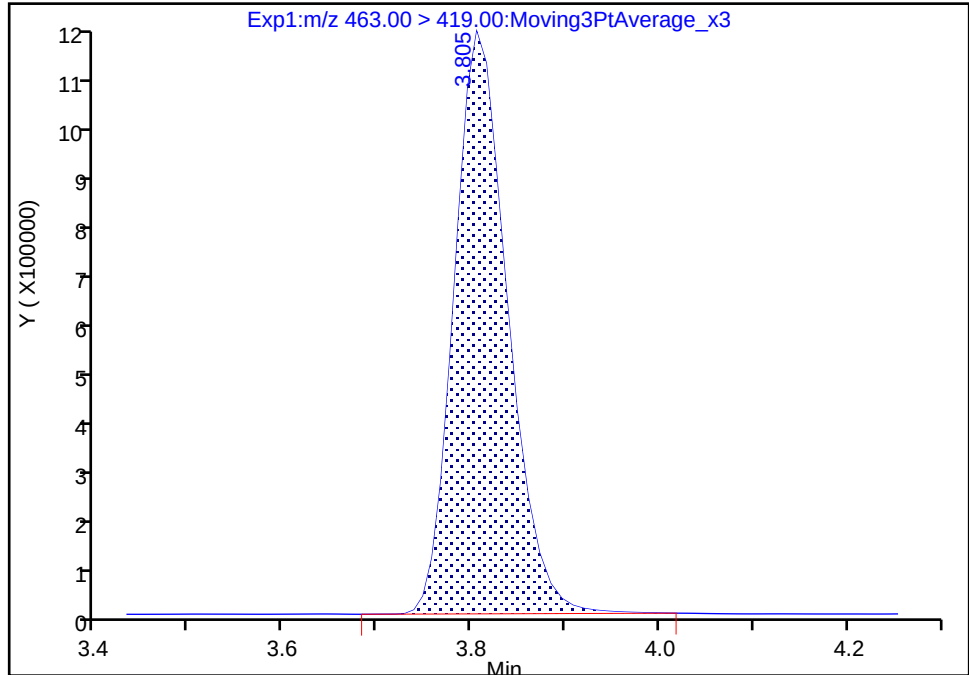
EXP1

20 Perfluorononanoic acid, CAS: 375-95-1

Signal: 1

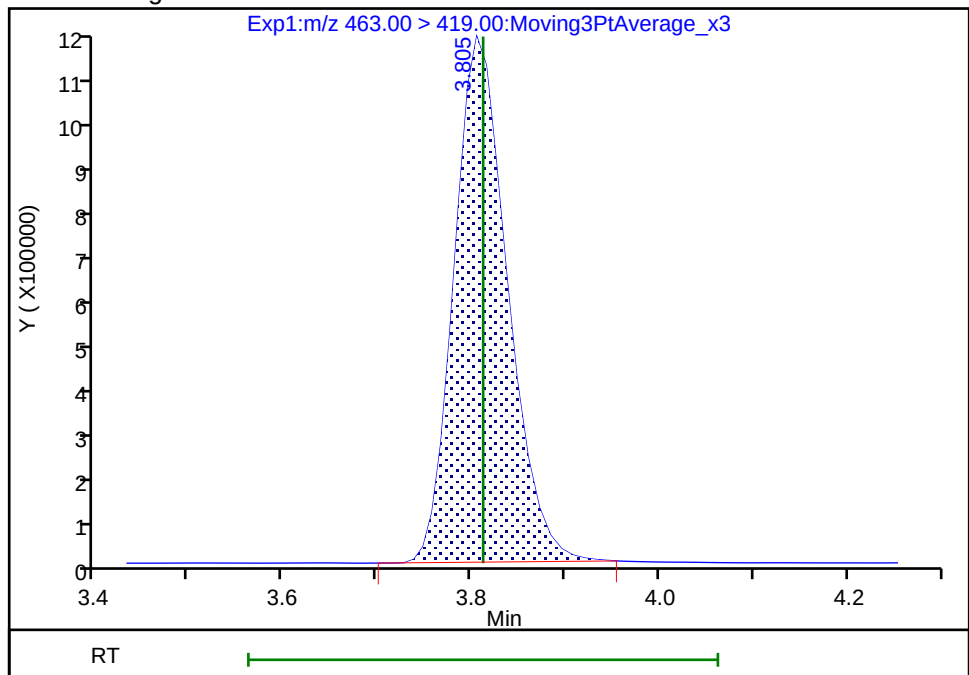
RT: 3.81
Area: 4375636
Amount: 2.278481
Amount Units: ng/ml

Processing Integration Results



RT: 3.81
Area: 4347639
Amount: 2.272621
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:50:05

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

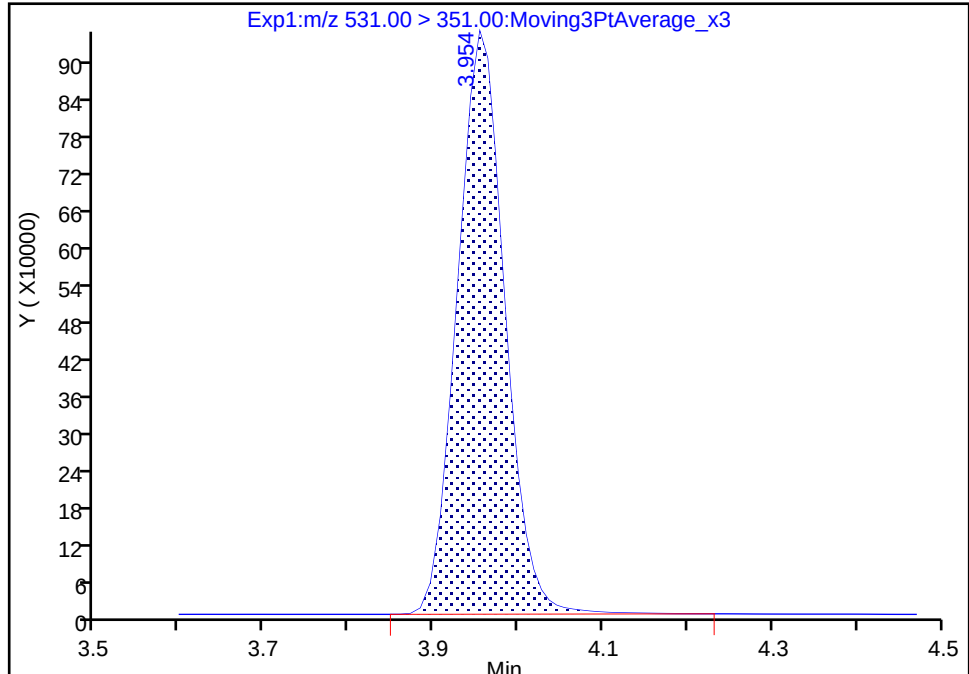
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

69 9-Chlorohexadecafluoro-3-oxanona, CAS: 756426-58-1

Signal: 1

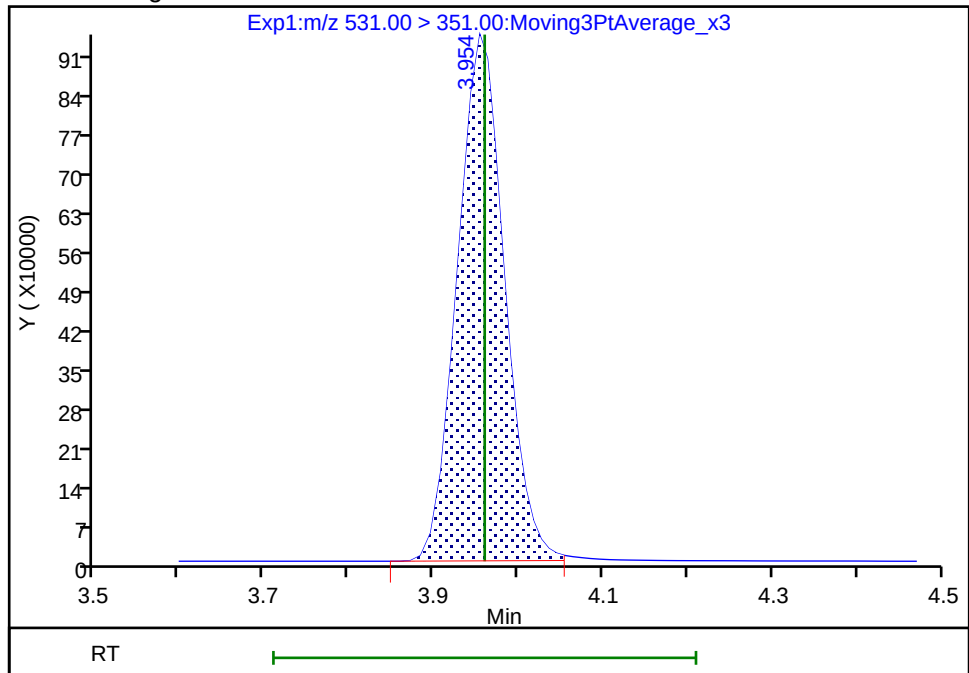
RT: 3.95
Area: 3672581
Amount: 2.295439
Amount Units: ng/ml

Processing Integration Results



RT: 3.95
Area: 3644831
Amount: 2.278095
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:46:23
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

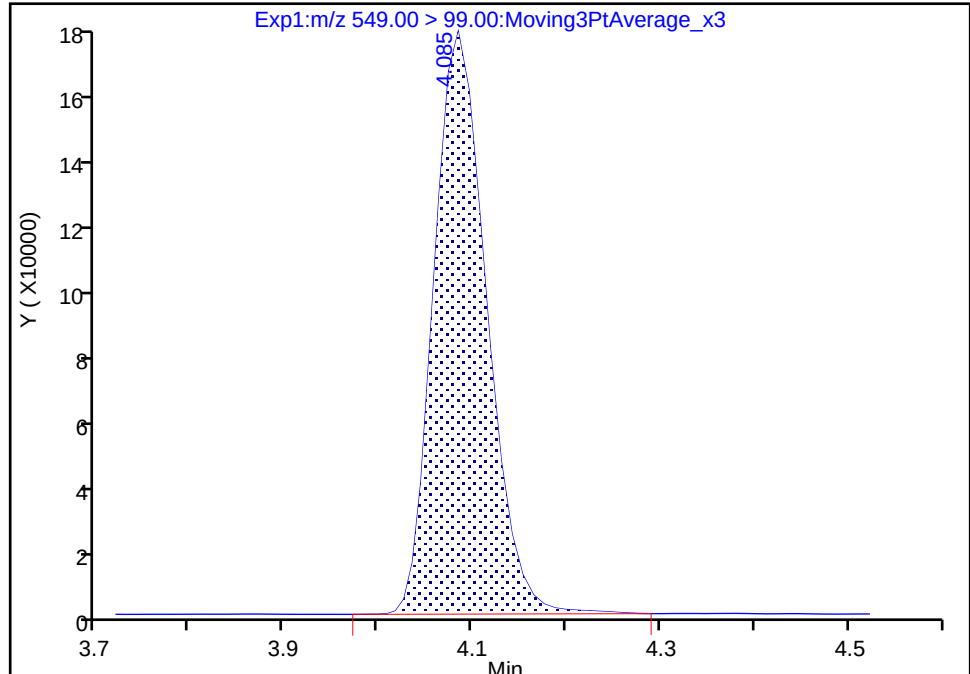
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

68 Perfluoronanesulfonic acid, CAS: 68259-12-1

Signal: 2

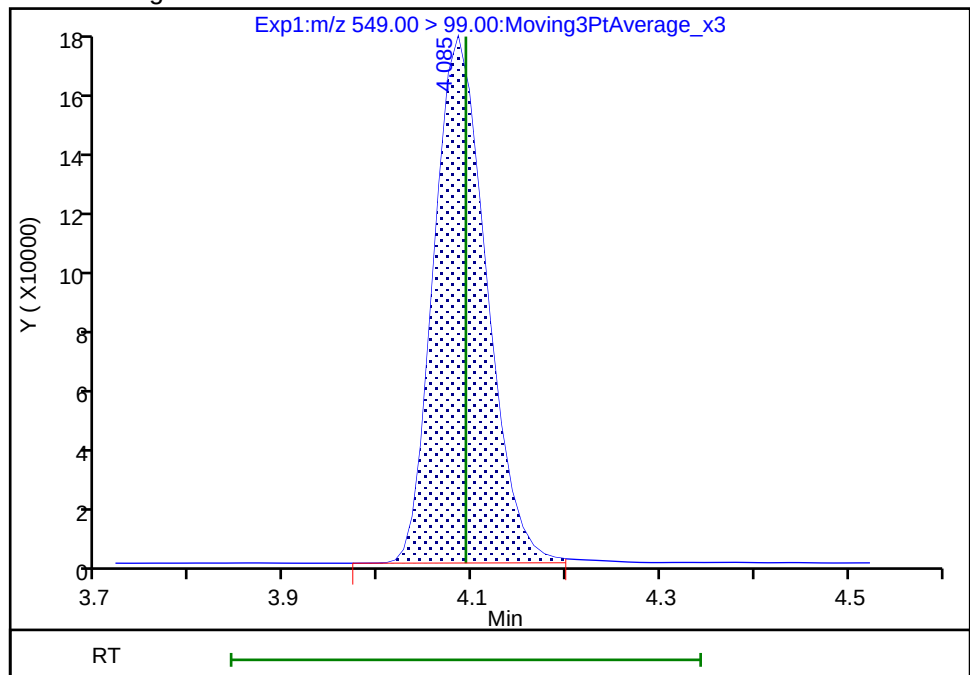
RT: 4.08
Area: 665135
Amount: 2.380471
Amount Units: ng/ml

Processing Integration Results



RT: 4.08
Area: 662067
Amount: 2.368742
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:41:04

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d

Injection Date: 04-Aug-2022 22:36:58

Instrument ID: LC812

Lims ID: CCV L5

Client ID:

Operator ID: lc812tech

ALS Bottle#:

16

Worklist Smp#: 16

Injection Vol: 20.0 ul

Dil. Factor:

1.0000

Method: PFC_LC812

Limit Group:

LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

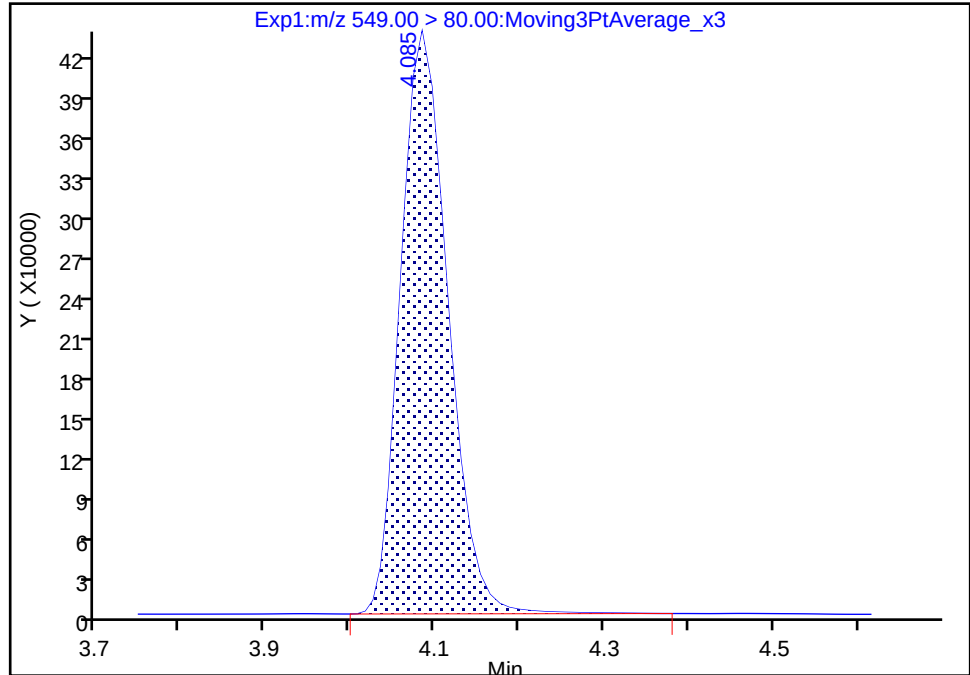
EXP1

68 Perfluoronanesulfonic acid, CAS: 68259-12-1

Signal: 1

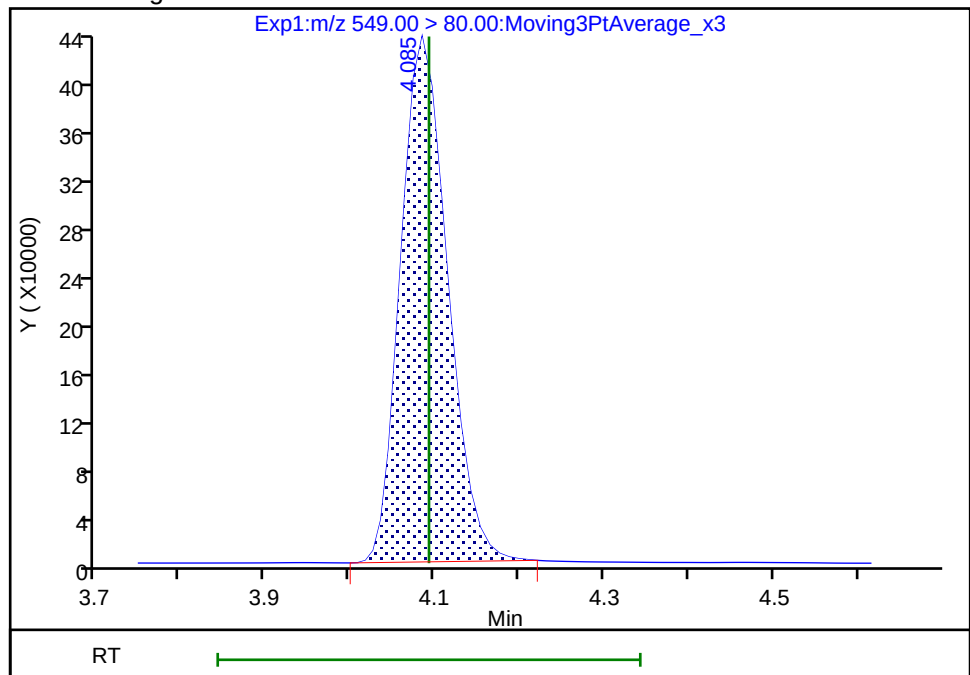
RT: 4.08
Area: 1698151
Amount: 2.380471
Amount Units: ng/ml

Processing Integration Results



RT: 4.08
Area: 1679800
Amount: 2.368742
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:48:51

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

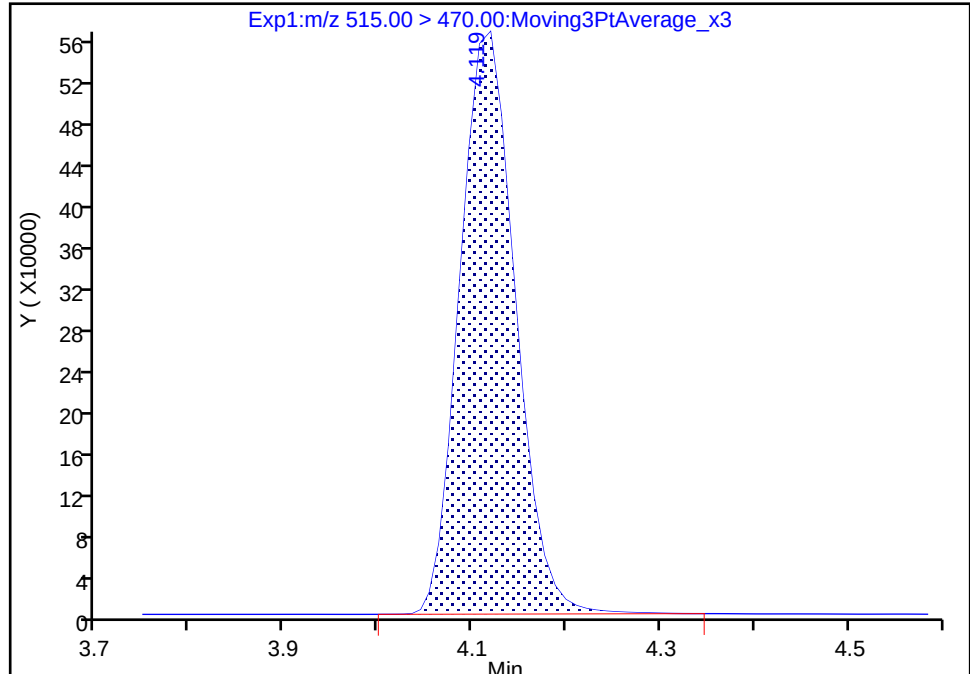
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 23 13C2 PFDA, CAS: STL00996

Signal: 1

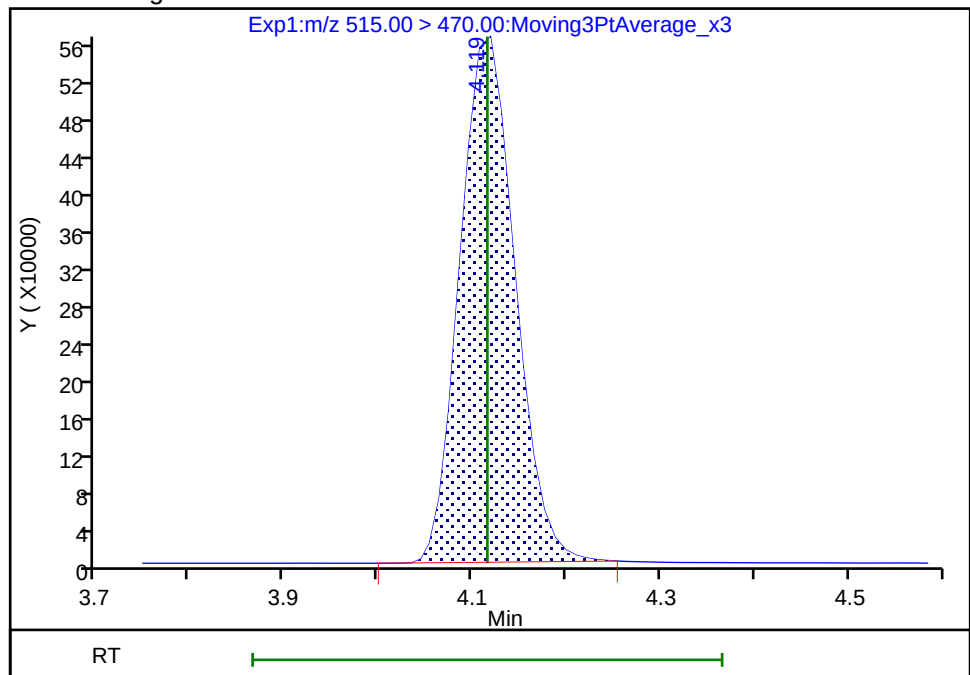
RT: 4.12
Area: 2313864
Amount: 1.326675
Amount Units: ng/ml

Processing Integration Results



RT: 4.12
Area: 2296576
Amount: 1.330211
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:50:17

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

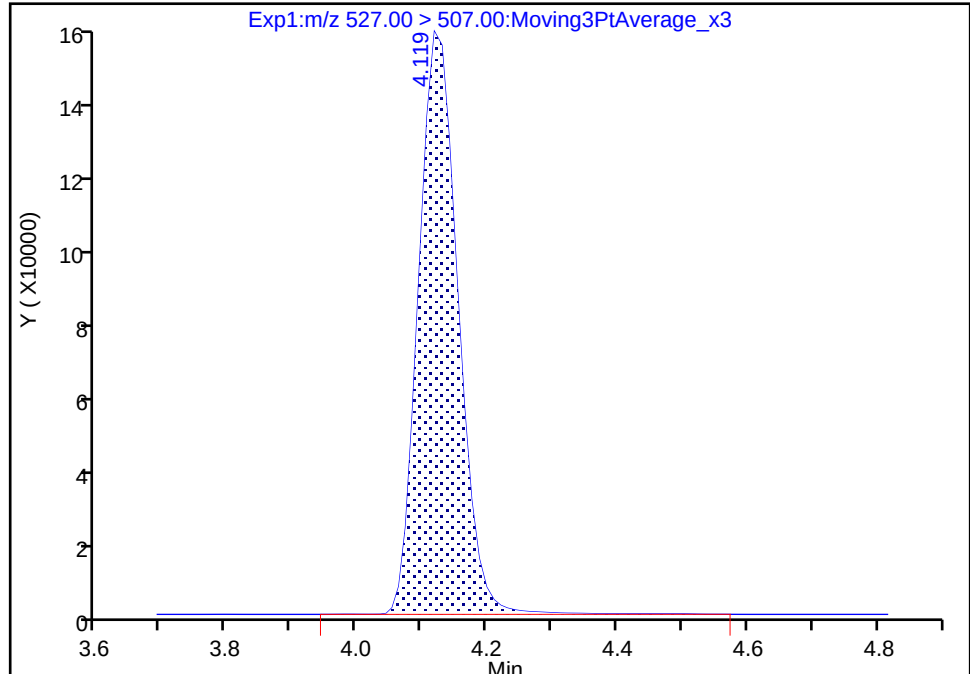
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

25 1H,1H,2H,2H-perfluorodecanesulfo, CAS: 39108-34-4

Signal: 1

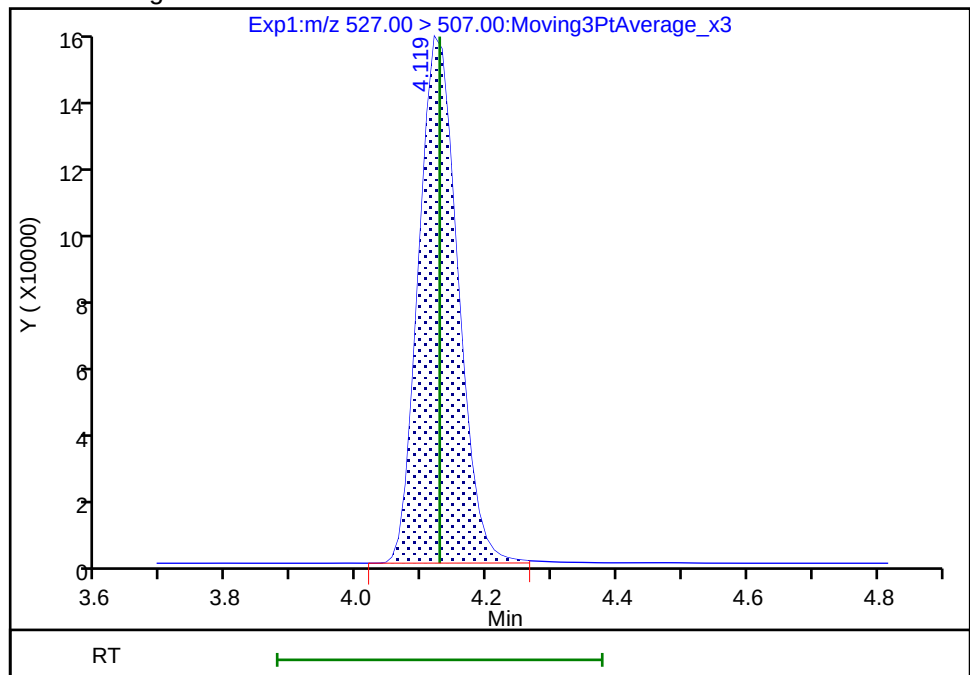
RT: 4.12
Area: 660483
Amount: 2.243278
Amount Units: ng/ml

Processing Integration Results



RT: 4.12
Area: 656304
Amount: 2.229084
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:41:28

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

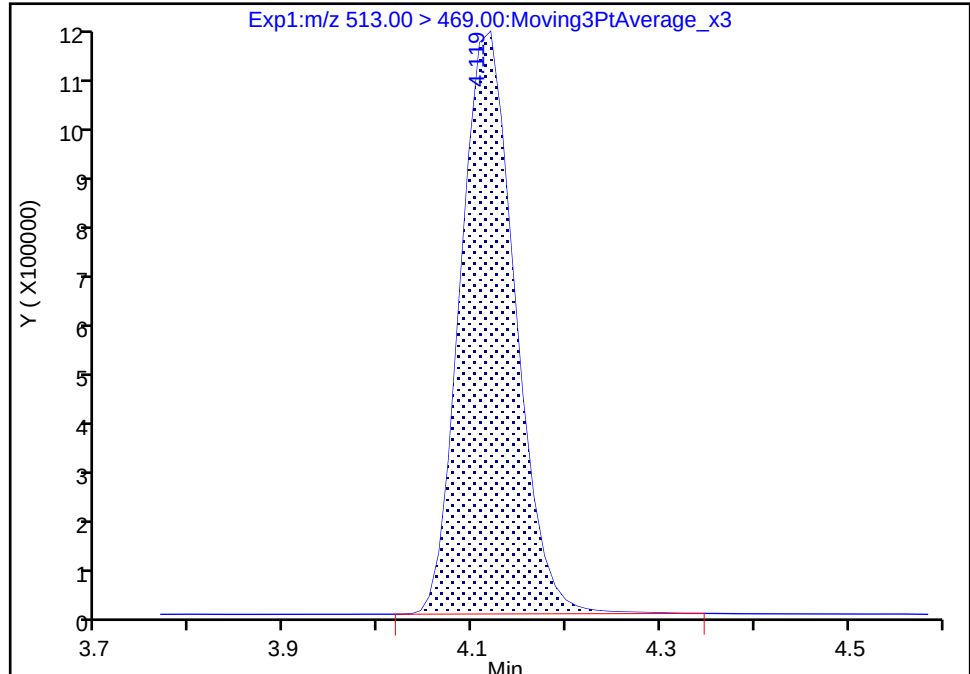
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

24 Perfluorodecanoic acid, CAS: 335-76-2

Signal: 1

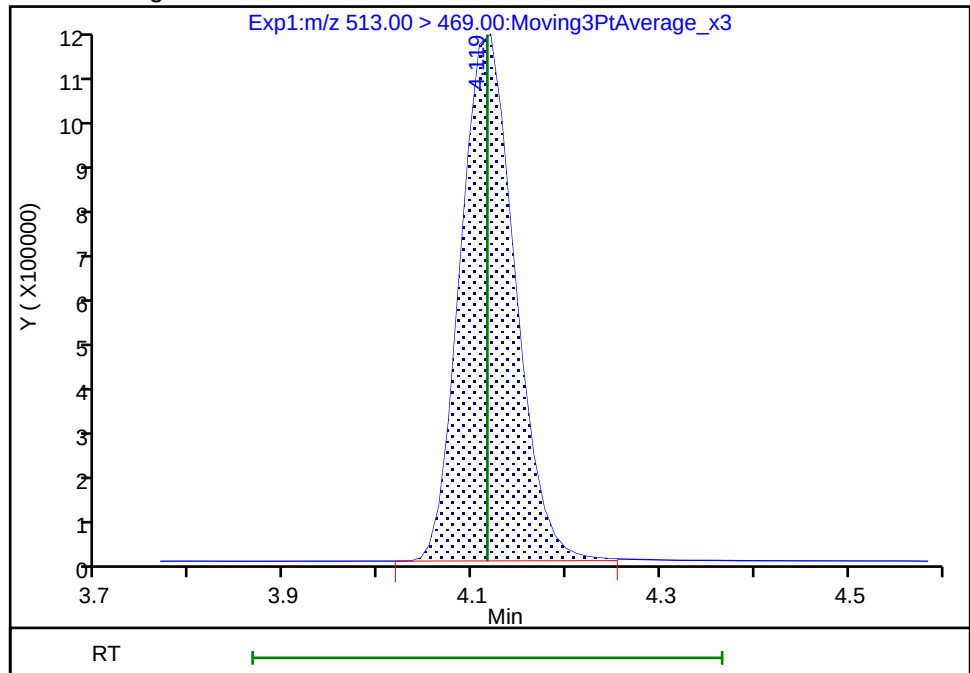
RT: 4.12
Area: 4649370
Amount: 2.388225
Amount Units: ng/ml

Processing Integration Results



RT: 4.12
Area: 4641832
Amount: 2.402301
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:41:14

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d

Injection Date: 04-Aug-2022 22:36:58

Instrument ID: LC812

Lims ID: CCV L5

Client ID:

Operator ID: lc812tech

ALS Bottle#:

16

Worklist Smp#: 16

Injection Vol: 20.0 ul

Dil. Factor:

1.0000

Method: PFC_LC812

Limit Group:

LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

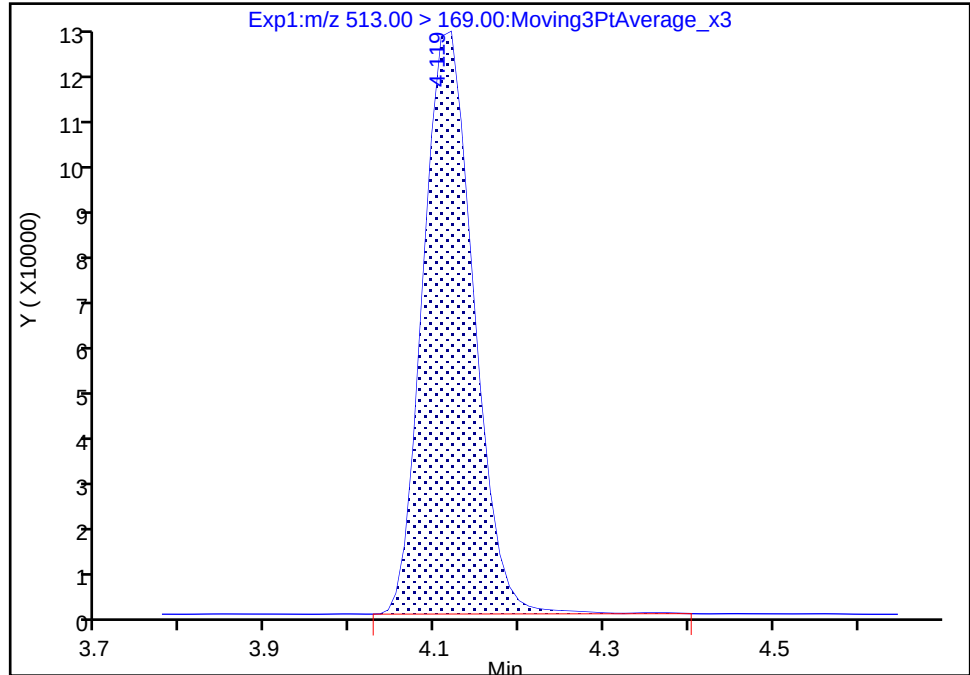
EXP1

24 Perfluorodecanoic acid, CAS: 335-76-2

Signal: 2

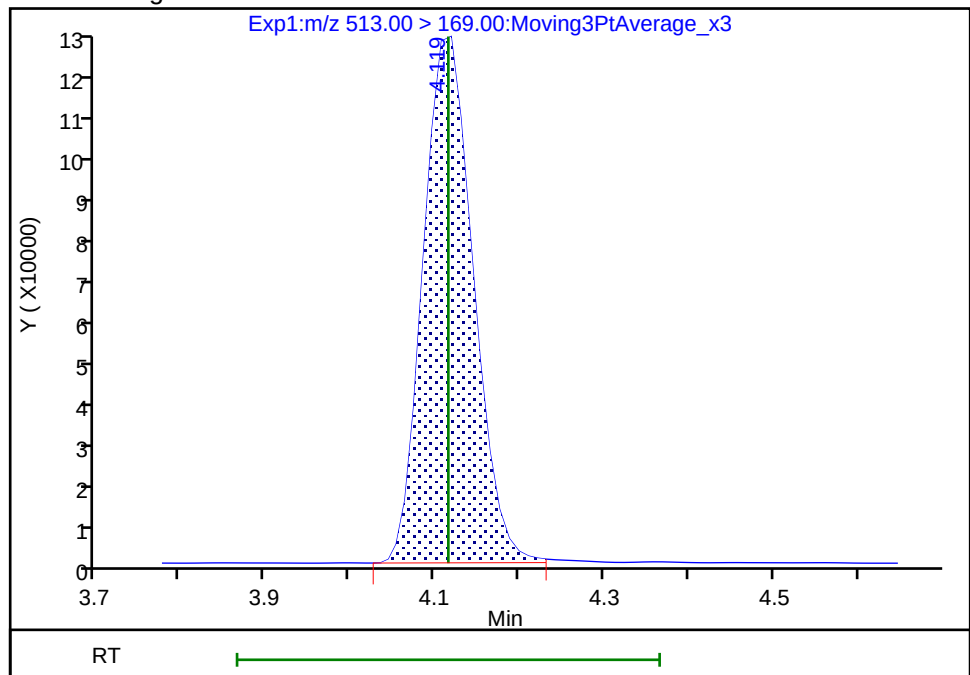
RT: 4.12
Area: 524067
Amount: 2.388225
Amount Units: ng/ml

Processing Integration Results



RT: 4.12
Area: 520998
Amount: 2.402301
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:41:16

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

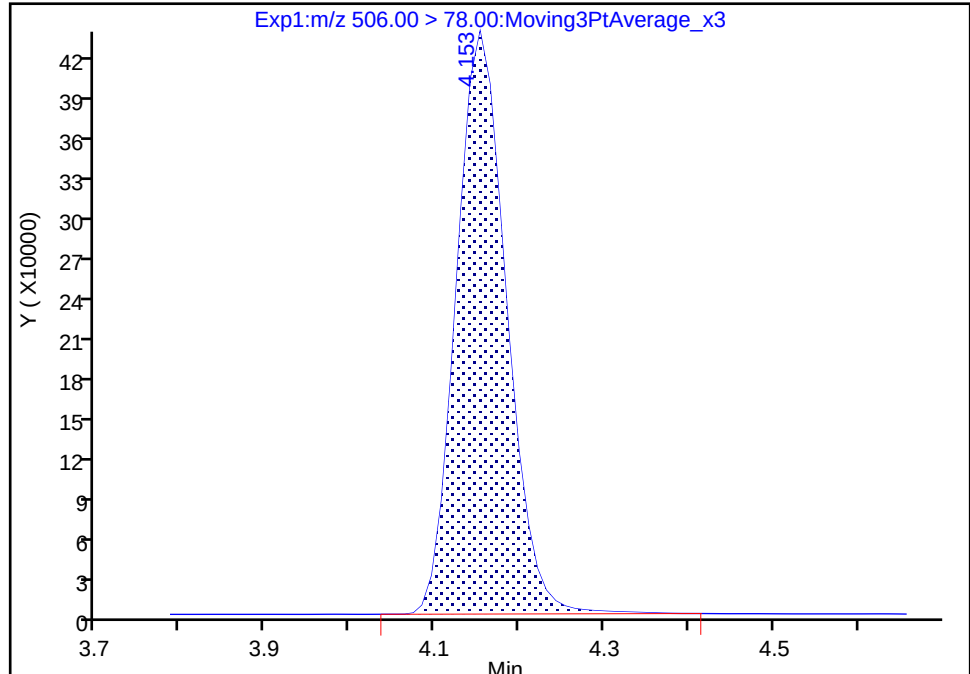
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 21 13C8 FOSA, CAS: STL01056

Signal: 1

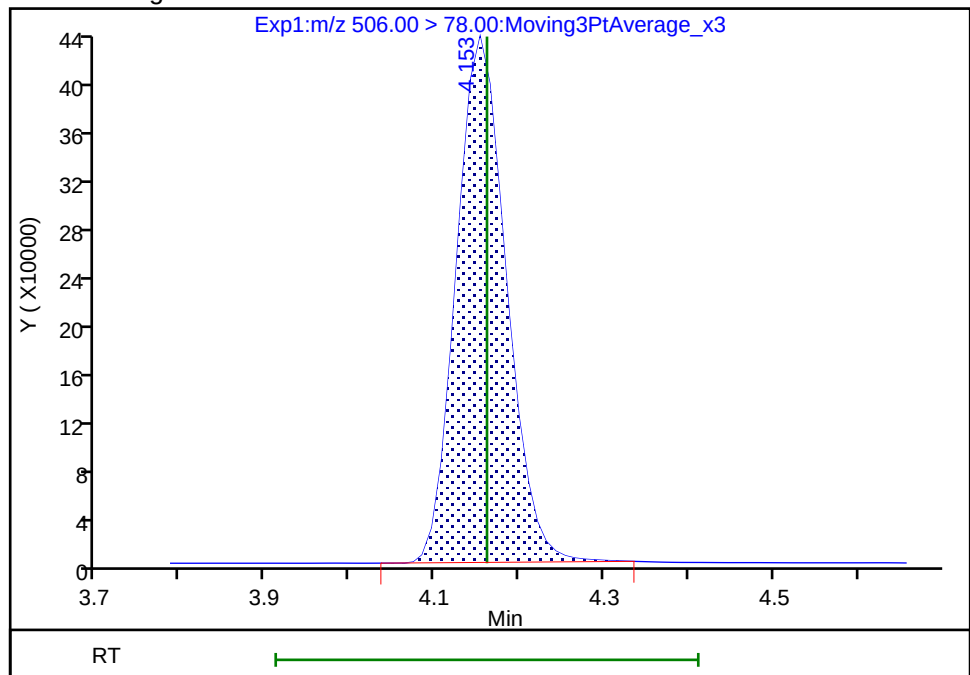
RT: 4.15
Area: 1775523
Amount: 1.163144
Amount Units: ng/ml

Processing Integration Results



RT: 4.15
Area: 1764239
Amount: 1.167555
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:50:27
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

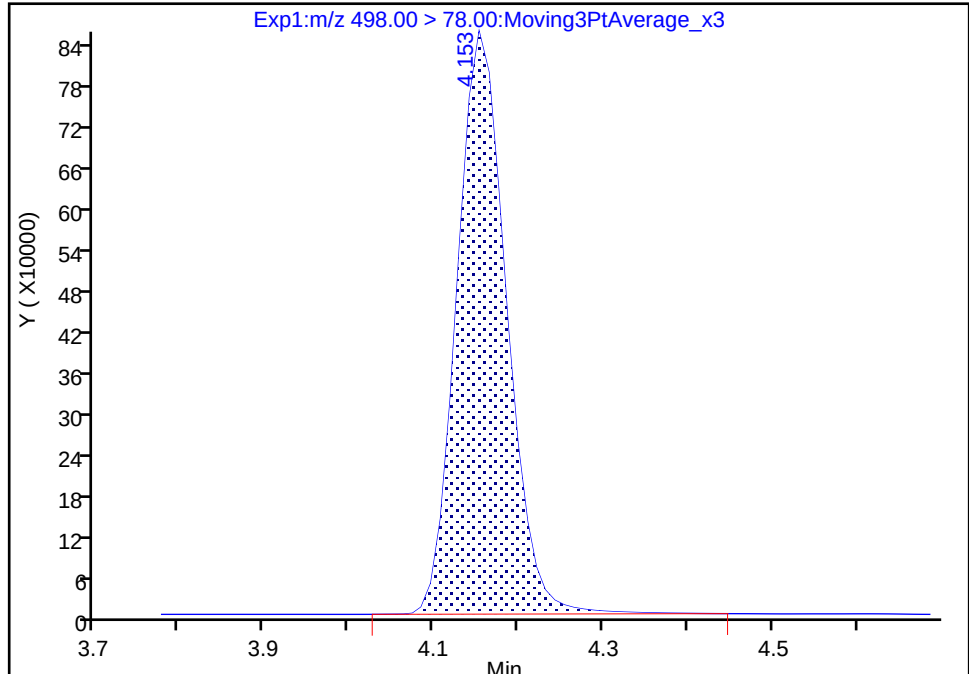
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

22 Perfluorooctanesulfonamide, CAS: 754-91-6

Signal: 1

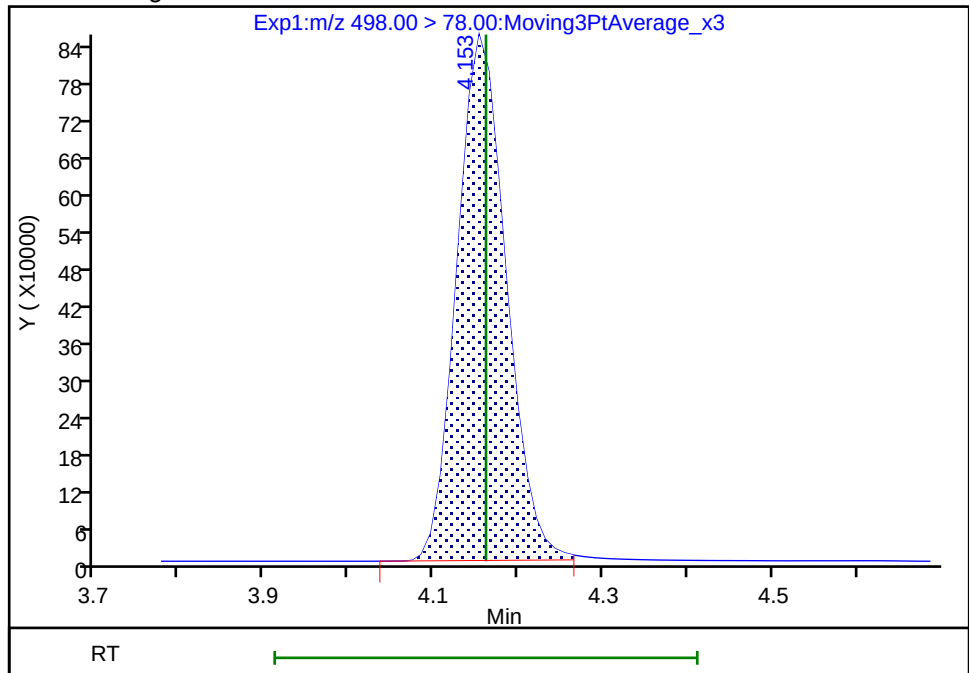
RT: 4.15
Area: 3494169
Amount: 2.429510
Amount Units: ng/ml

Processing Integration Results



RT: 4.15
Area: 3458277
Amount: 2.404554
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:49:05
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

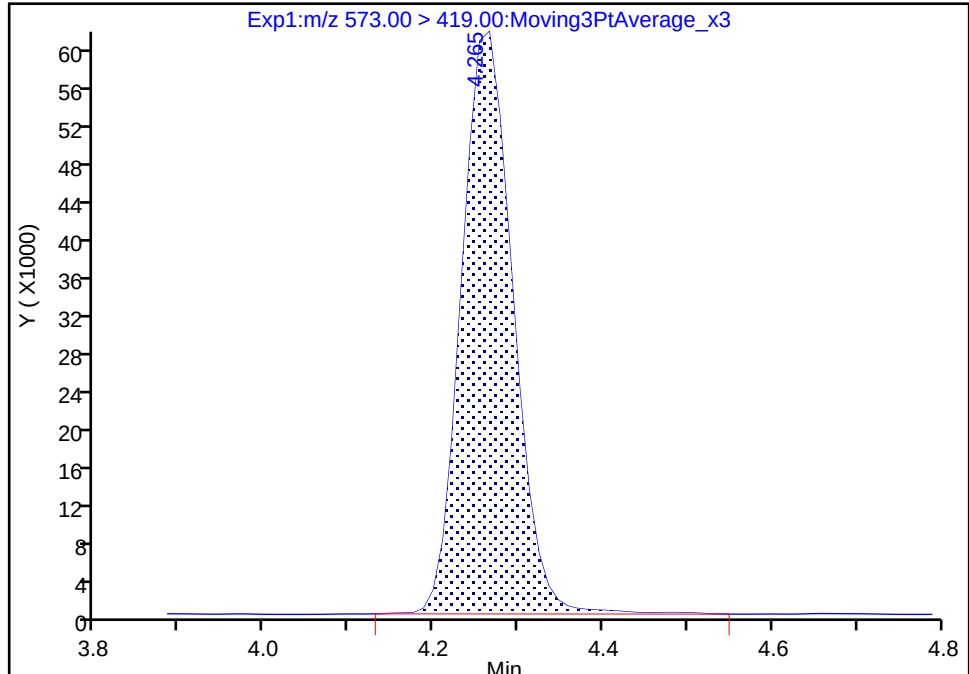
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 27 d3-NMeFOSAA, CAS: STL02118

Signal: 1

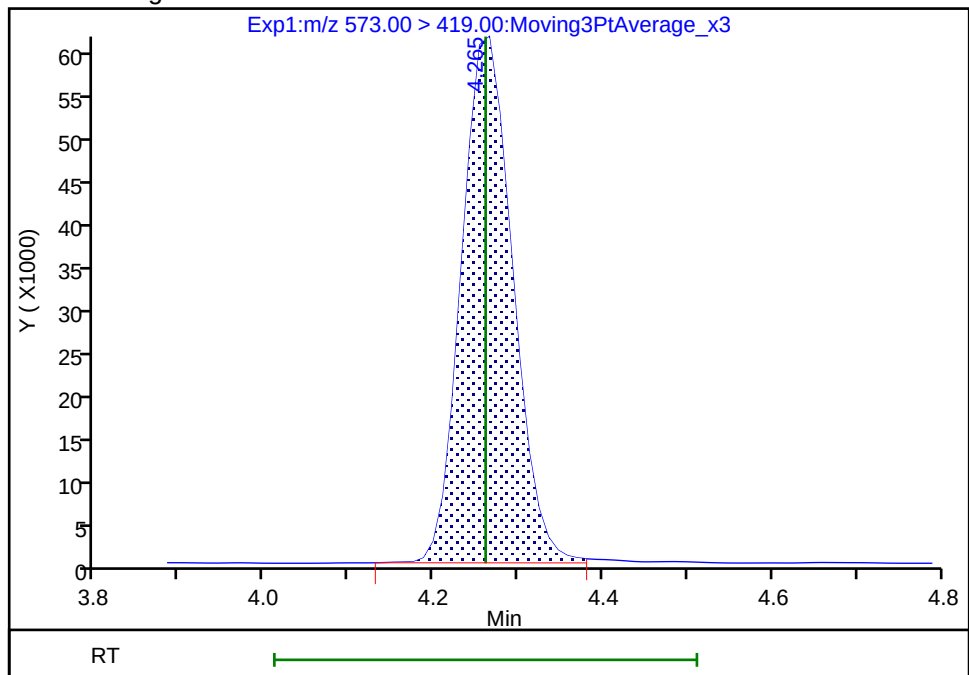
RT: 4.27
Area: 260001
Amount: 1.112230
Amount Units: ng/ml

Processing Integration Results



RT: 4.27
Area: 258130
Amount: 1.115504
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:38:33

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

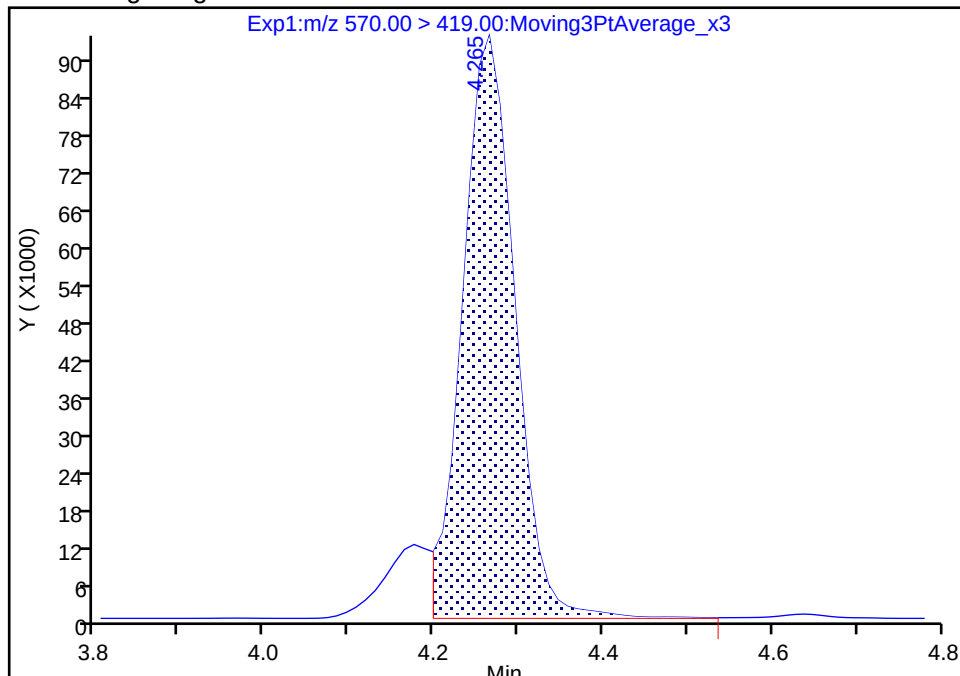
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

28 N-methylperfluorooctanesulfonami, CAS: 2355-31-9

Signal: 1

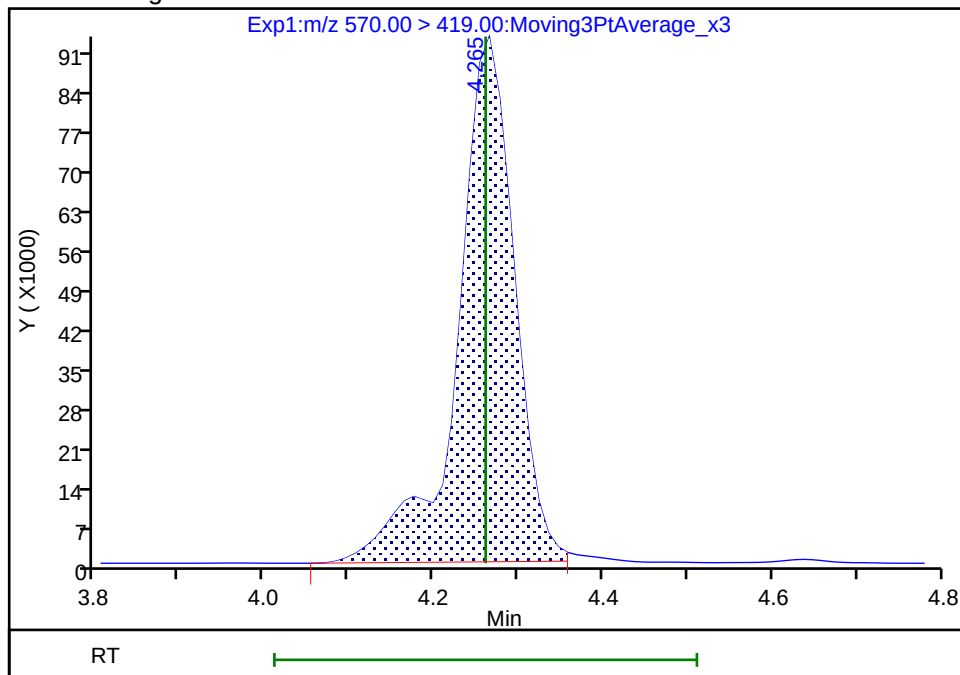
RT: 4.27
Area: 400103
Amount: 2.181604
Amount Units: ng/ml

Processing Integration Results



RT: 4.27
Area: 436111
Amount: 2.377942
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:49:11
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

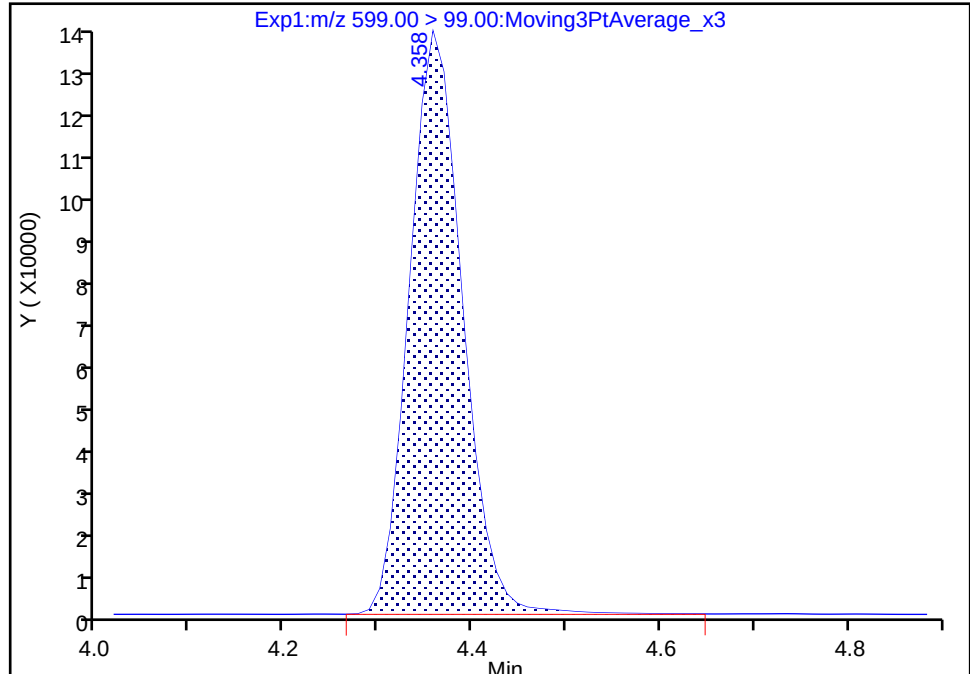
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

29 Perfluorodecanesulfonic acid, CAS: 335-77-3

Signal: 2

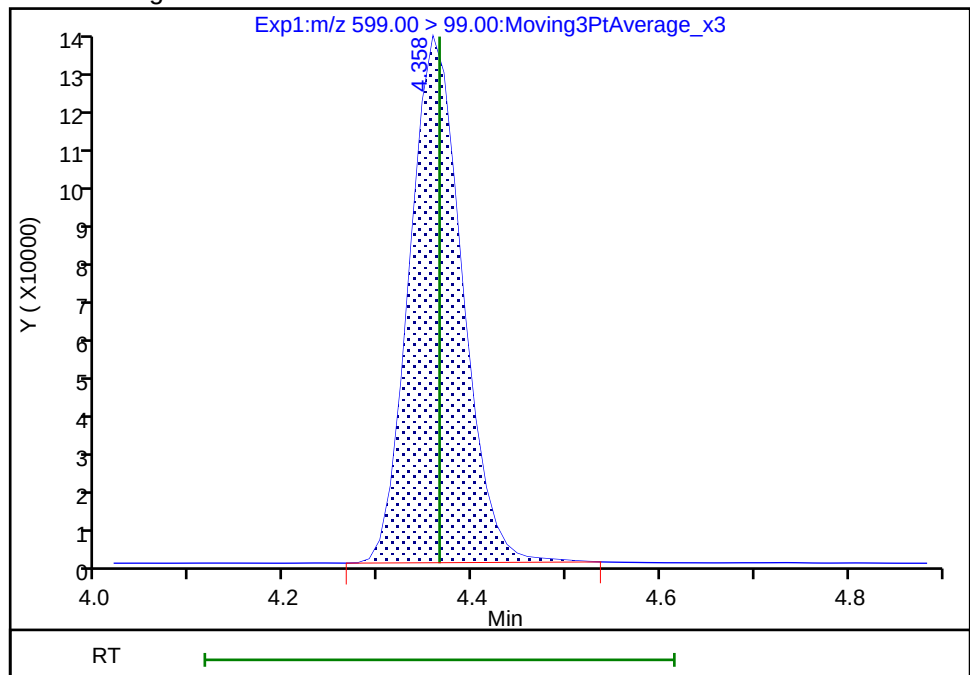
RT: 4.36
Area: 521691
Amount: 2.461661
Amount Units: ng/ml

Processing Integration Results



RT: 4.36
Area: 517697
Amount: 2.457358
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:41:45

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d

Injection Date: 04-Aug-2022 22:36:58

Instrument ID: LC812

Lims ID: CCV L5

Client ID:

Operator ID: lc812tech

ALS Bottle#:

16

Worklist Smp#: 16

Injection Vol: 20.0 ul

Dil. Factor:

1.0000

Method: PFC_LC812

Limit Group:

LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

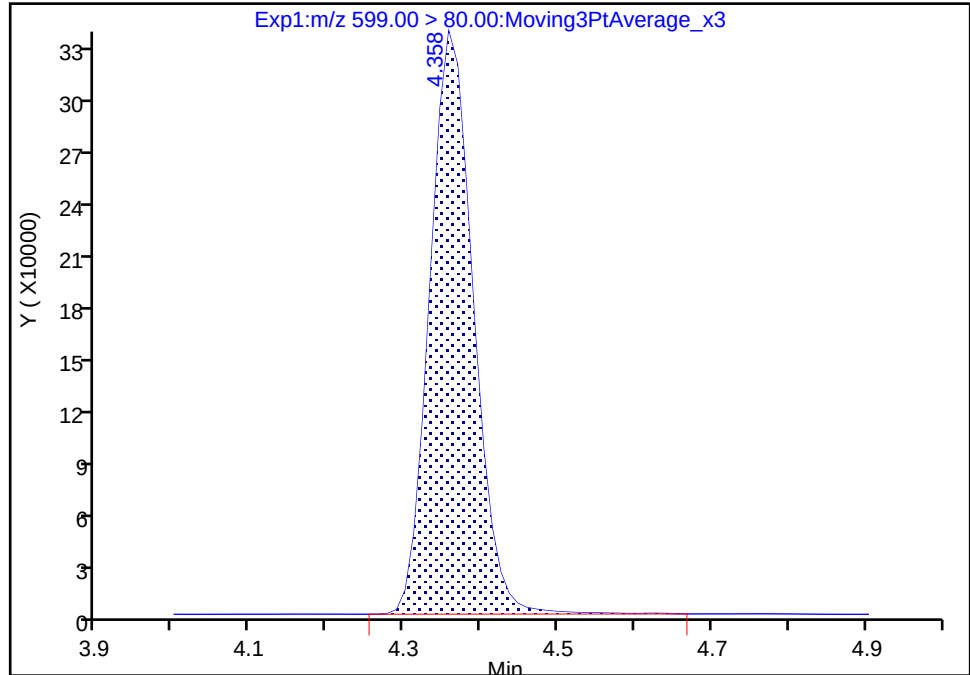
EXP1

29 Perfluorodecanesulfonic acid, CAS: 335-77-3

Signal: 1

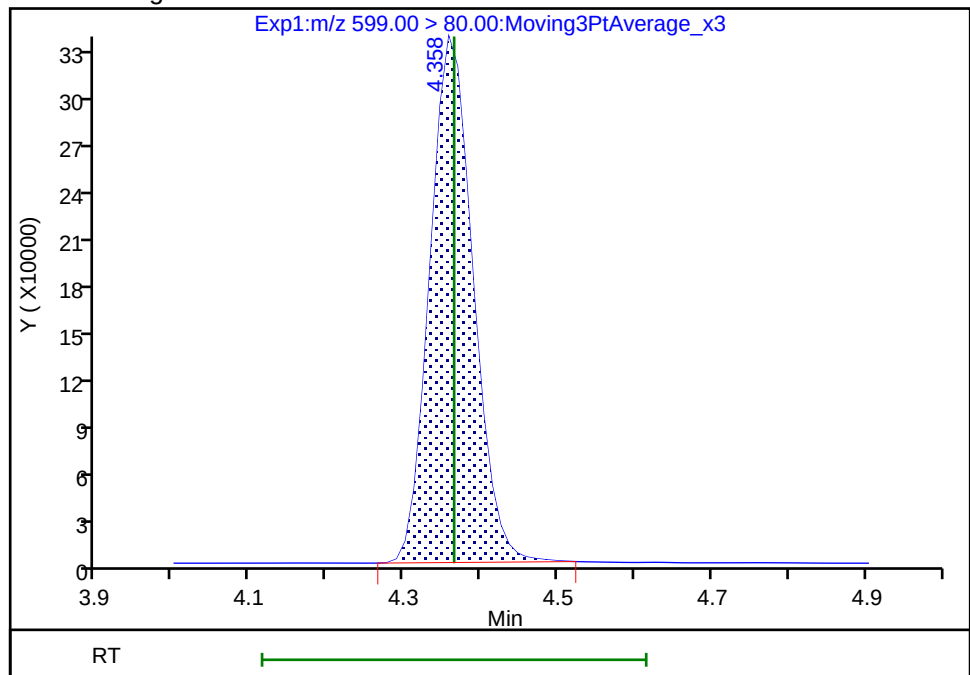
RT: 4.36
Area: 1306789
Amount: 2.461661
Amount Units: ng/ml

Processing Integration Results



RT: 4.36
Area: 1296797
Amount: 2.457358
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:49:28

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

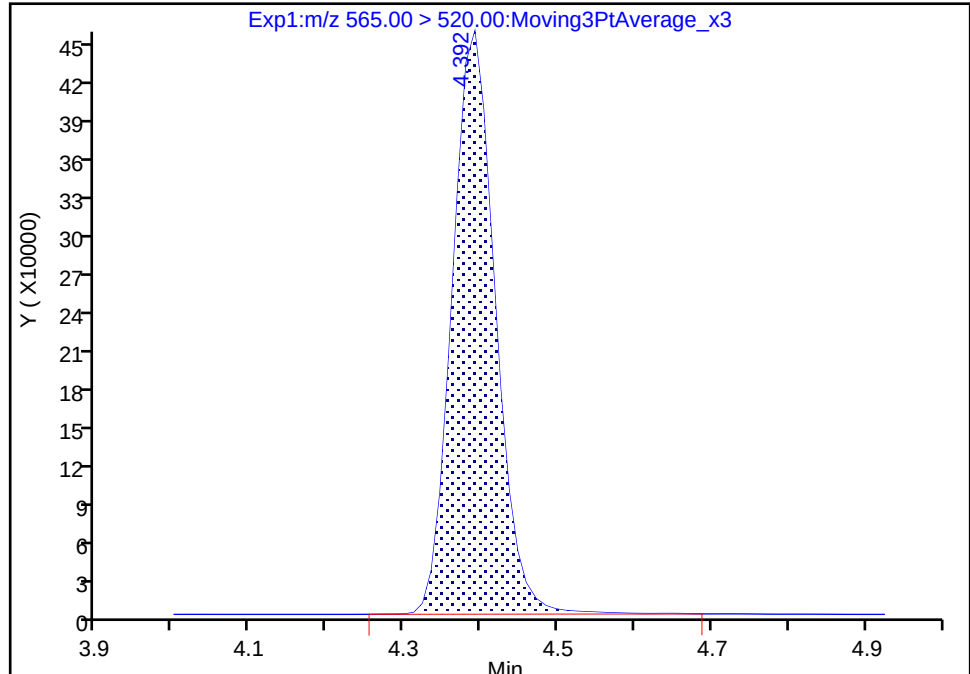
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 30 13C2 PFUnA, CAS: STL00997

Signal: 1

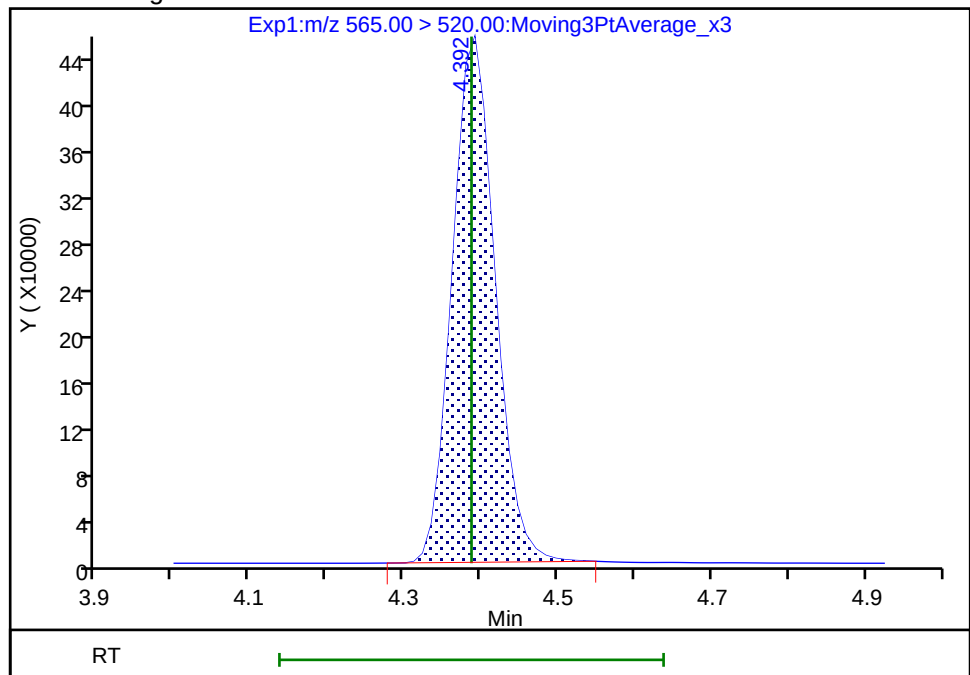
RT: 4.39
Area: 1766664
Amount: 1.336892
Amount Units: ng/ml

Processing Integration Results



RT: 4.39
Area: 1750183
Amount: 1.337947
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:50:48
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

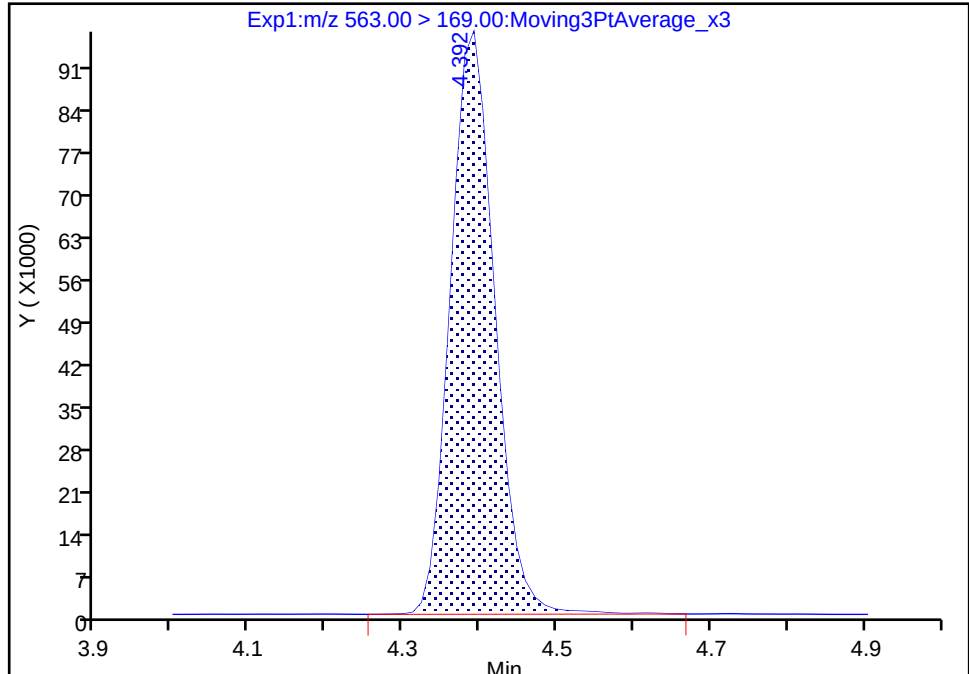
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

31 Perfluoroundecanoic acid, CAS: 2058-94-8

Signal: 2

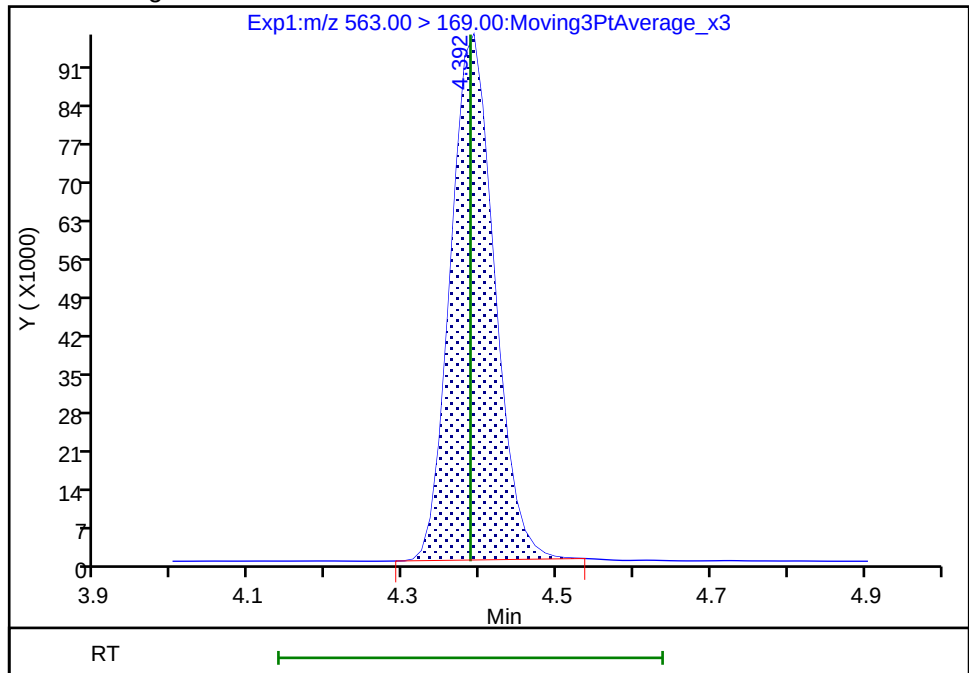
RT: 4.39
Area: 384546
Amount: 2.218882
Amount Units: ng/ml

Processing Integration Results



RT: 4.39
Area: 379661
Amount: 2.228205
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:49:41
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

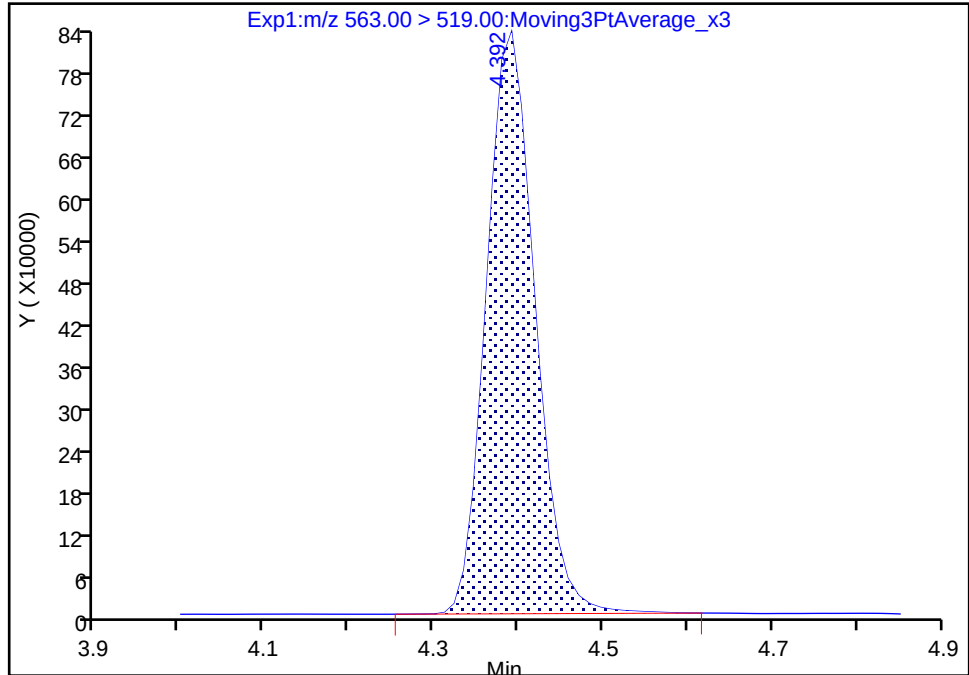
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

31 Perfluoroundecanoic acid, CAS: 2058-94-8

Signal: 1

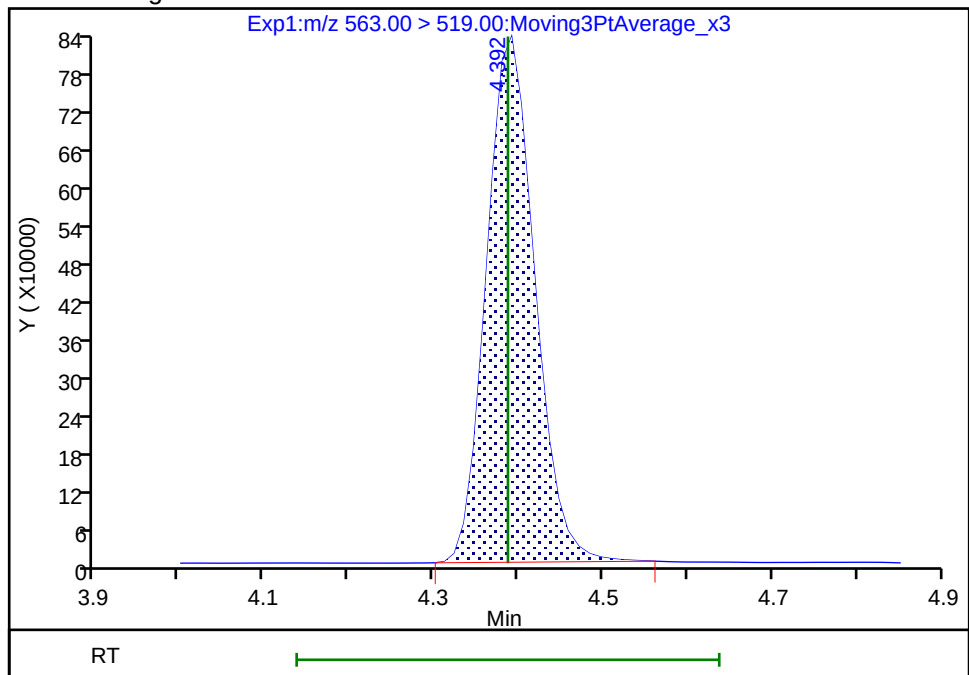
RT: 4.39
Area: 3322414
Amount: 2.218882
Amount Units: ng/ml

Processing Integration Results



RT: 4.39
Area: 3305249
Amount: 2.228205
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:49:45

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

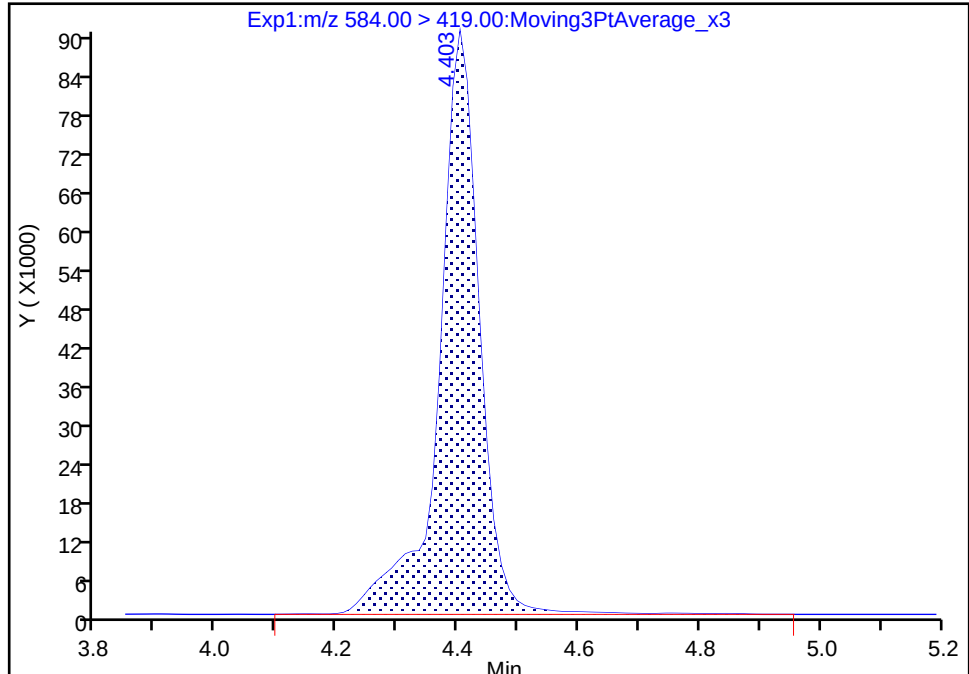
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

33 N-ethylperfluorooctanesulfonamid, CAS: 2991-50-6

Signal: 1

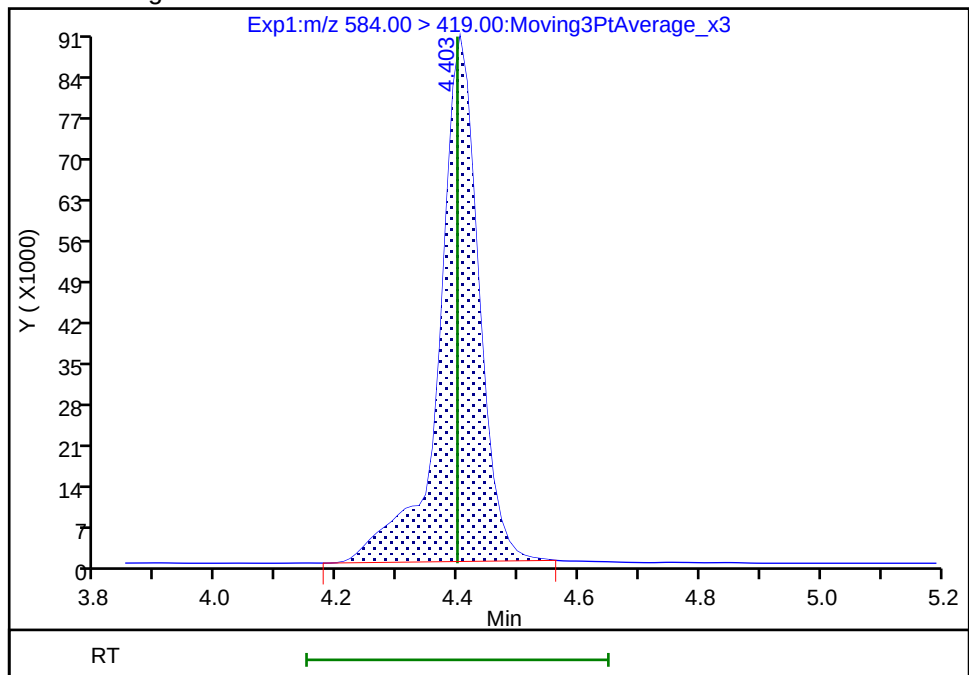
RT: 4.40
Area: 422210
Amount: 2.284415
Amount Units: ng/ml

Processing Integration Results



RT: 4.40
Area: 412498
Amount: 2.231867
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:49:54
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

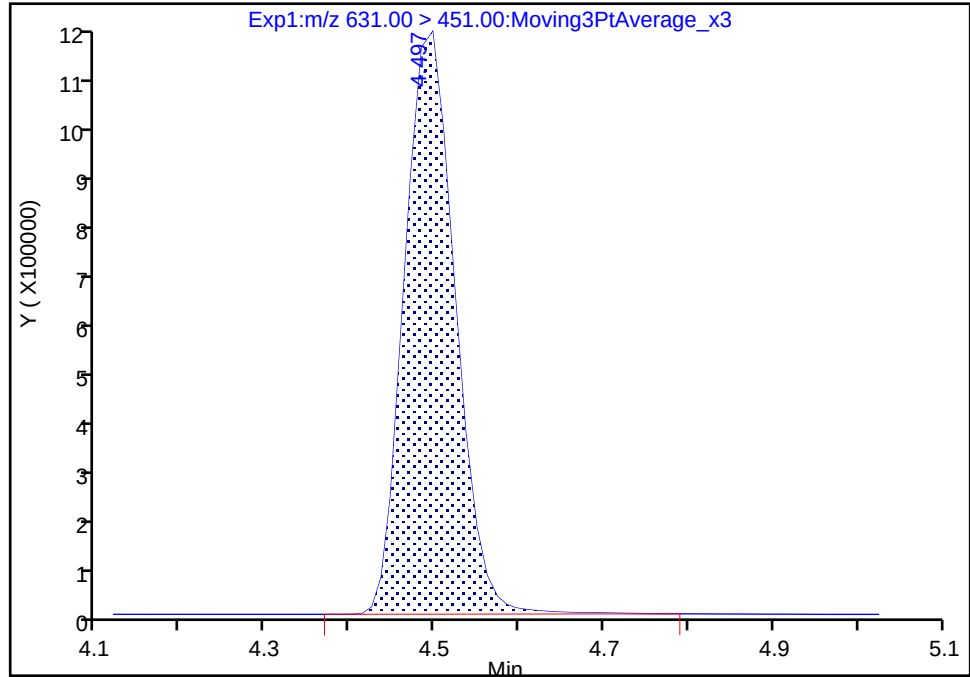
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

66 11-Chloroeicosafluoro-3-oxaundec, CAS: 763051-92-9

Signal: 1

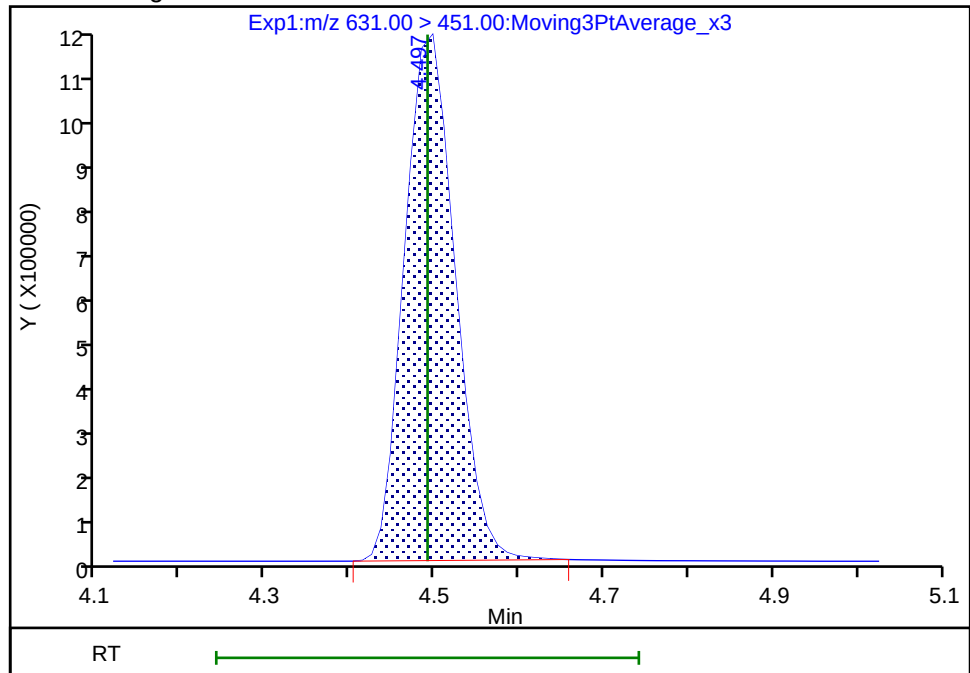
RT: 4.50
Area: 4787448
Amount: 2.285409
Amount Units: ng/ml

Processing Integration Results



RT: 4.50
Area: 4755288
Amount: 2.283549
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:50:02
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

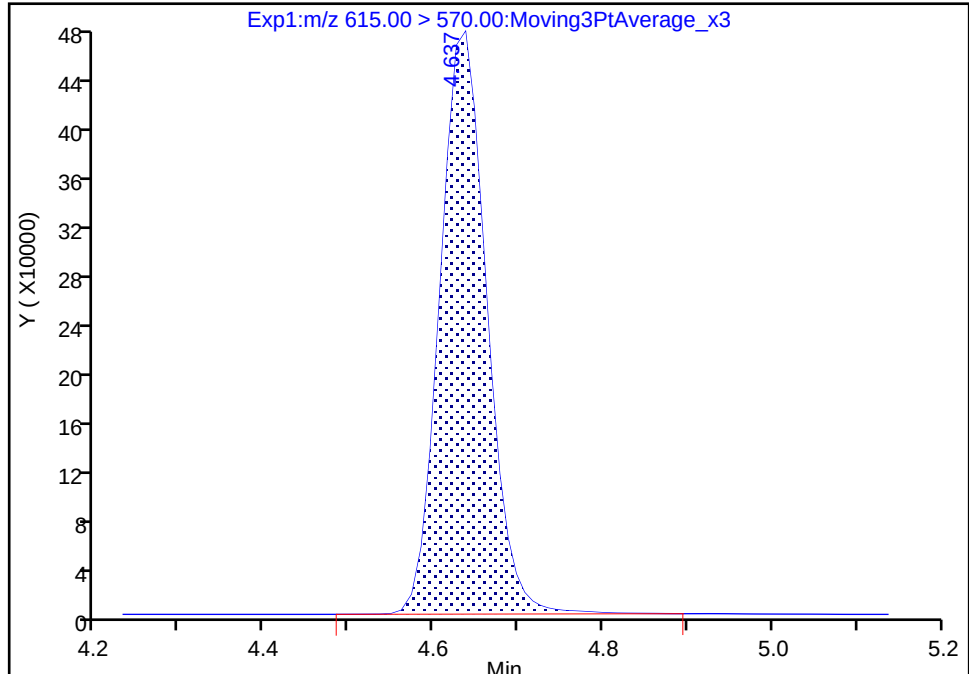
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 36 13C2 PFD_oA, CAS: STL00998

Signal: 1

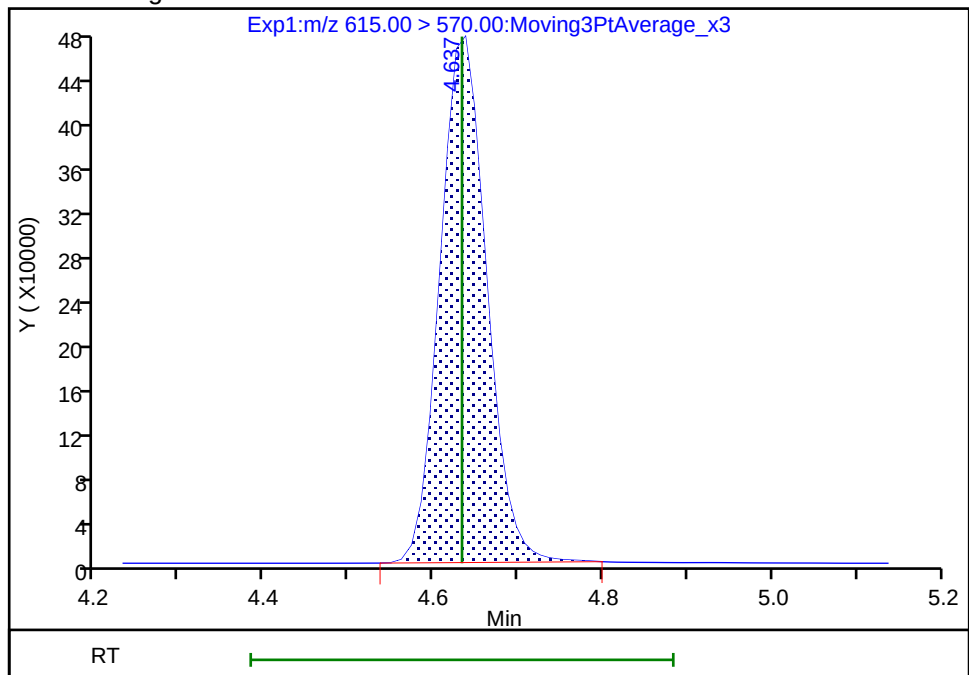
RT: 4.64
Area: 1827736
Amount: 1.334735
Amount Units: ng/ml

Processing Integration Results



RT: 4.64
Area: 1817667
Amount: 1.340938
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:50:11
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

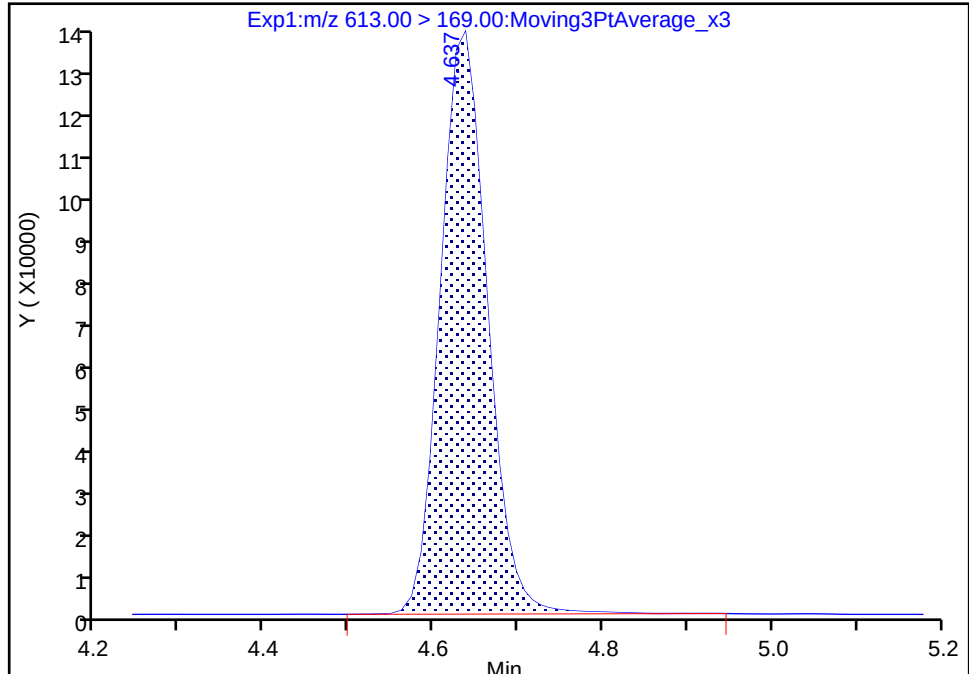
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

37 Perfluorododecanoic acid, CAS: 307-55-1

Signal: 2

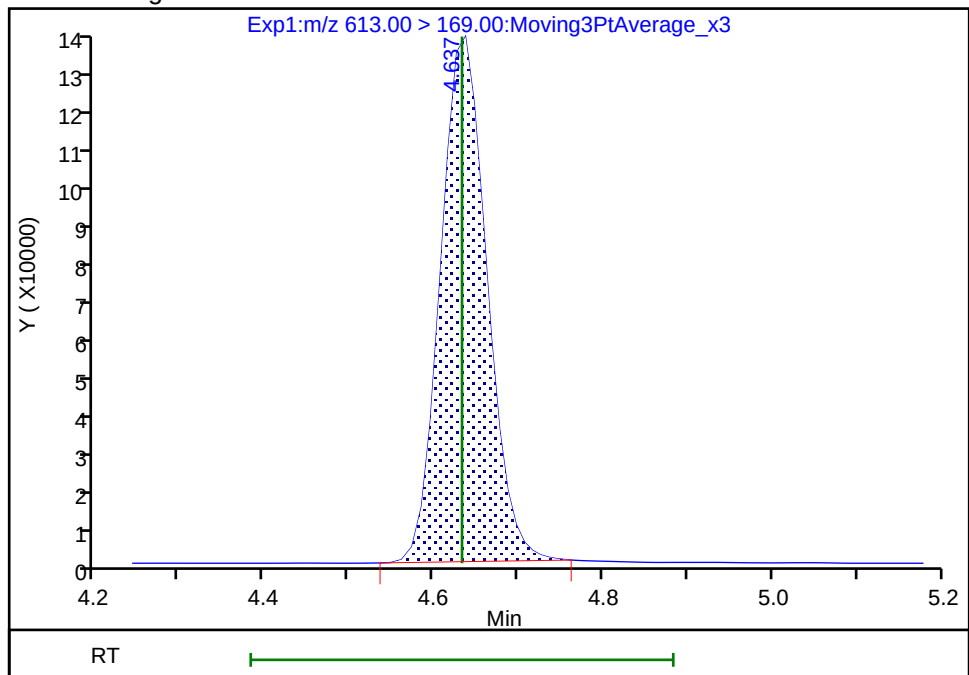
RT: 4.64
Area: 523571
Amount: 2.350591
Amount Units: ng/ml

Processing Integration Results



RT: 4.64
Area: 516188
Amount: 2.348114
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:50:22
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d

Injection Date: 04-Aug-2022 22:36:58

Instrument ID: LC812

Lims ID: CCV L5

Client ID:

Operator ID: lc812tech

ALS Bottle#:

16

Worklist Smp#: 16

Injection Vol: 20.0 ul

Dil. Factor:

1.0000

Method: PFC_LC812

Limit Group:

LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

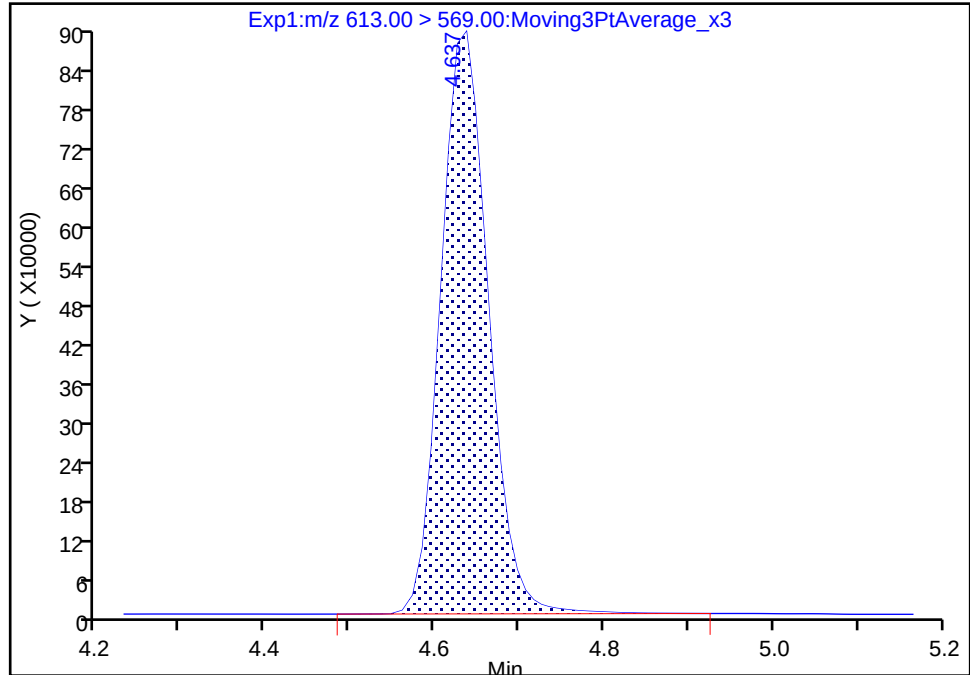
EXP1

37 Perfluorododecanoic acid, CAS: 307-55-1

Signal: 1

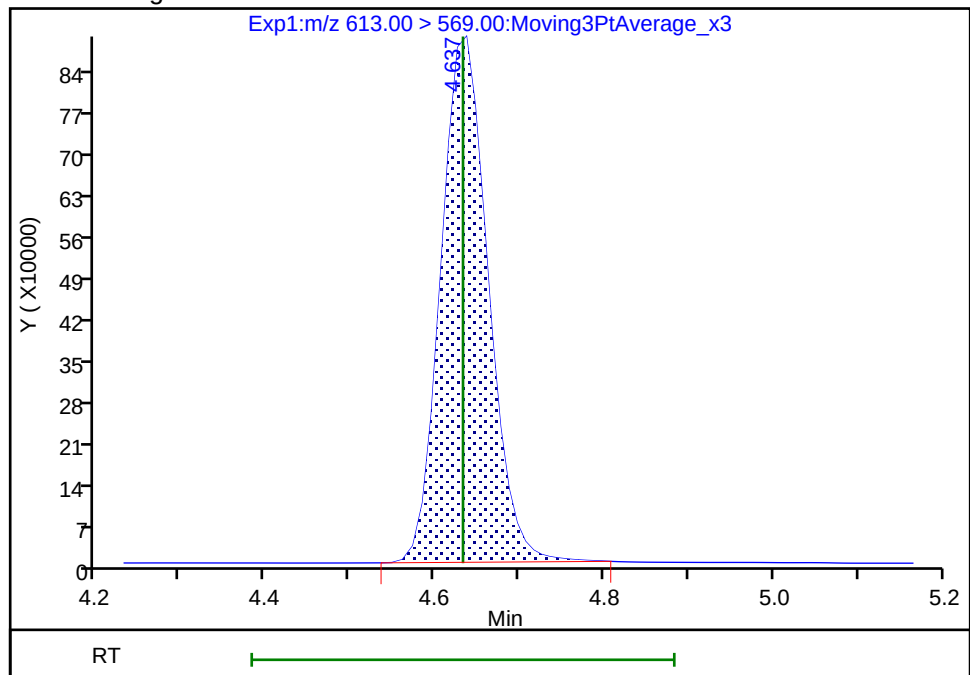
RT: 4.64
Area: 3485581
Amount: 2.350591
Amount Units: ng/ml

Processing Integration Results



RT: 4.64
Area: 3462725
Amount: 2.348114
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:50:28

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

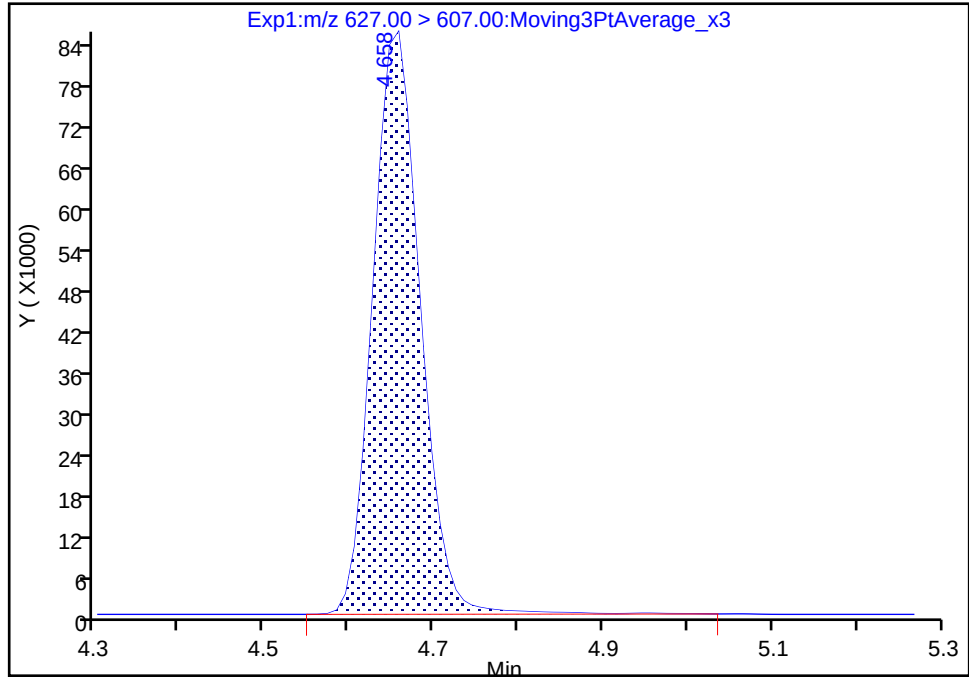
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

74 1H,1H,2H,2H-perfluorododecanesul, CAS: 120226-60-0

Signal: 1

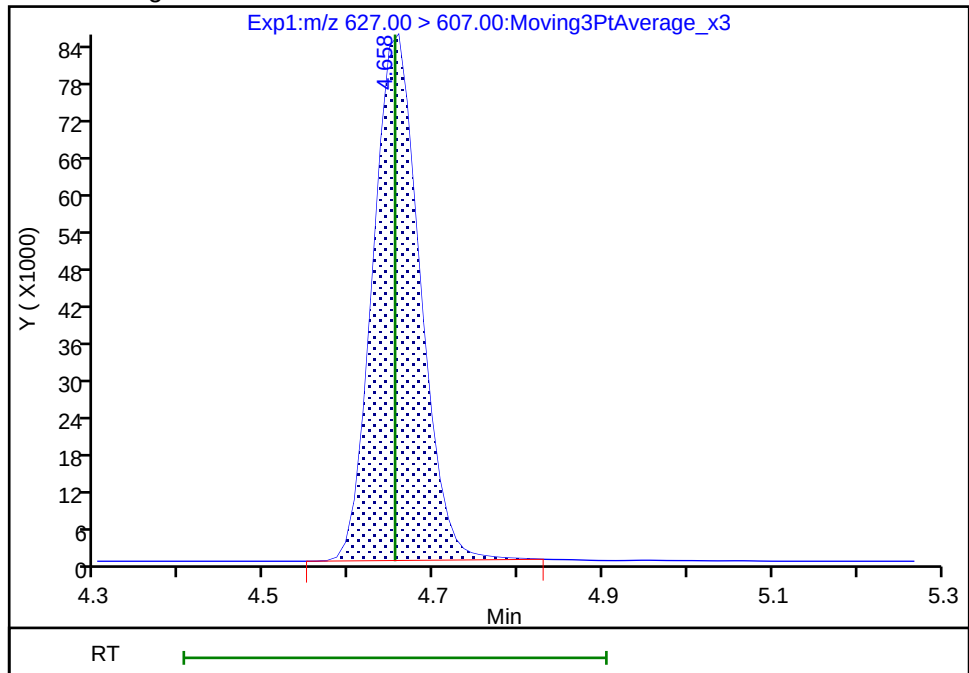
RT: 4.66
Area: 331958
Amount: 2.413389
Amount Units: ng/ml

Processing Integration Results



RT: 4.66
Area: 328313
Amount: 2.386890
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:42:21

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

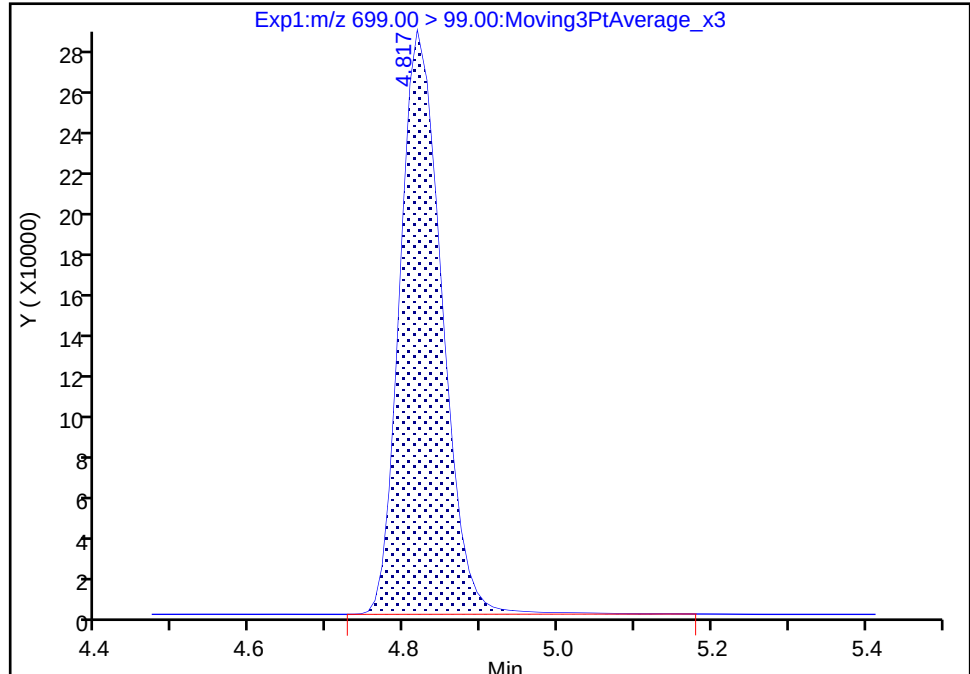
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

75 Perfluorododecanesulfonic acid (, CAS: 79780-39-5

Signal: 2

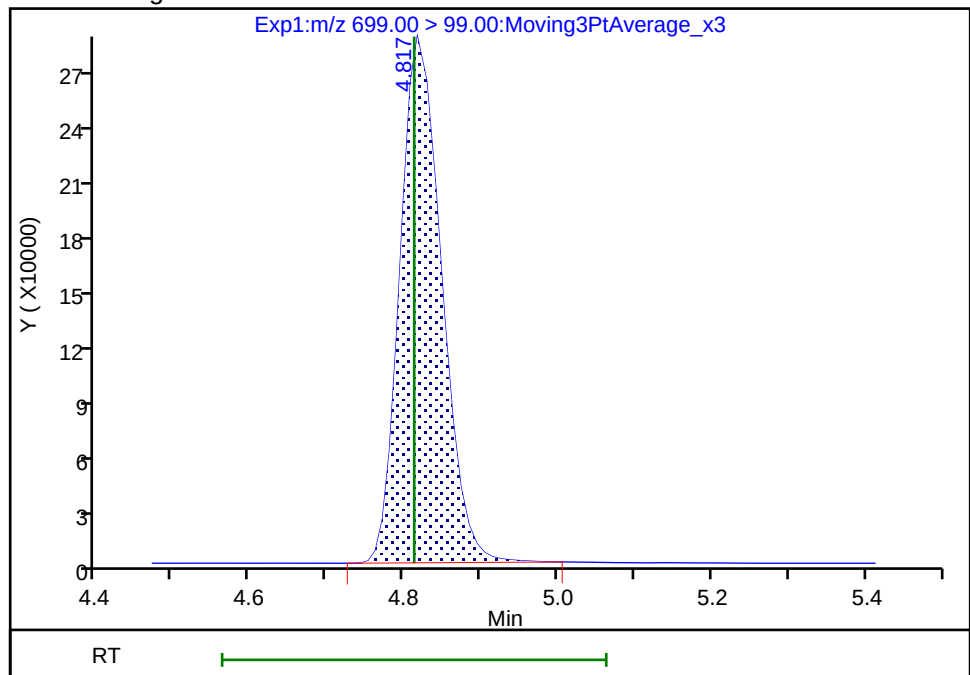
RT: 4.82
Area: 1058663
Amount: 2.489383
Amount Units: ng/ml

Processing Integration Results



RT: 4.82
Area: 1051608
Amount: 2.480556
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:42:26

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

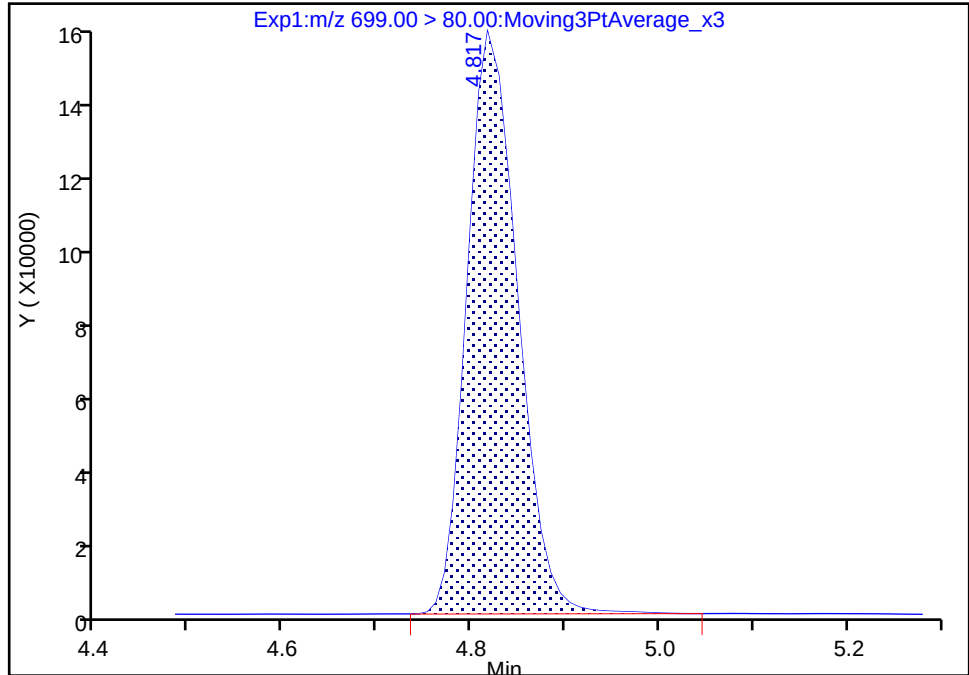
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector EXP1

75 Perfluorododecanesulfonic acid (, CAS: 79780-39-5

Signal: 1

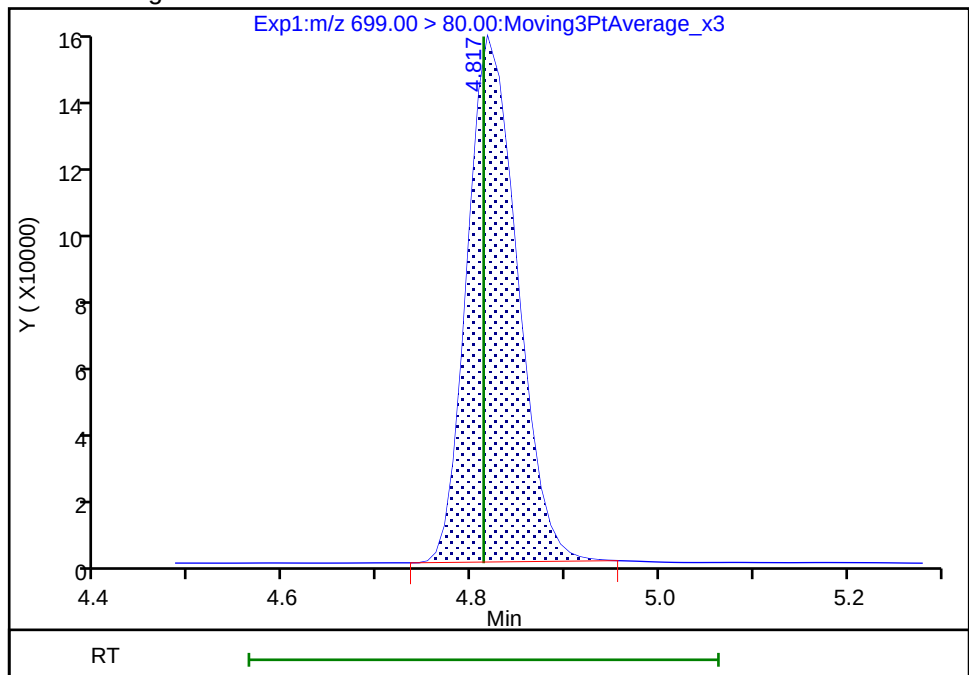
RT: 4.82
Area: 586748
Amount: 2.489383
Amount Units: ng/ml

Processing Integration Results



RT: 4.82
Area: 581213
Amount: 2.480556
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:42:29

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

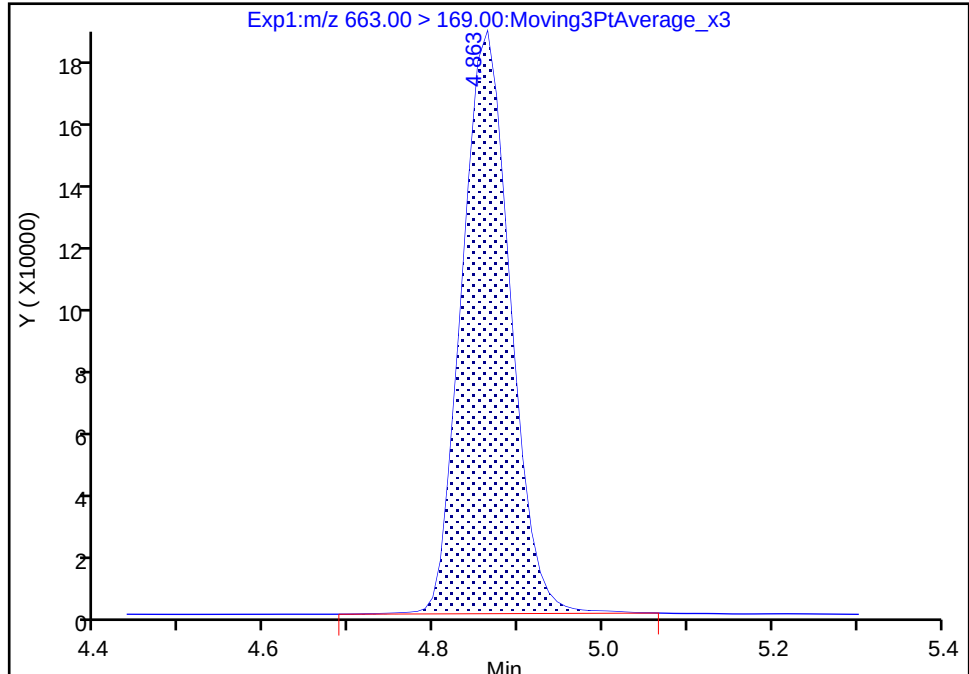
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

41 Perfluorotridecanoic acid, CAS: 72629-94-8

Signal: 2

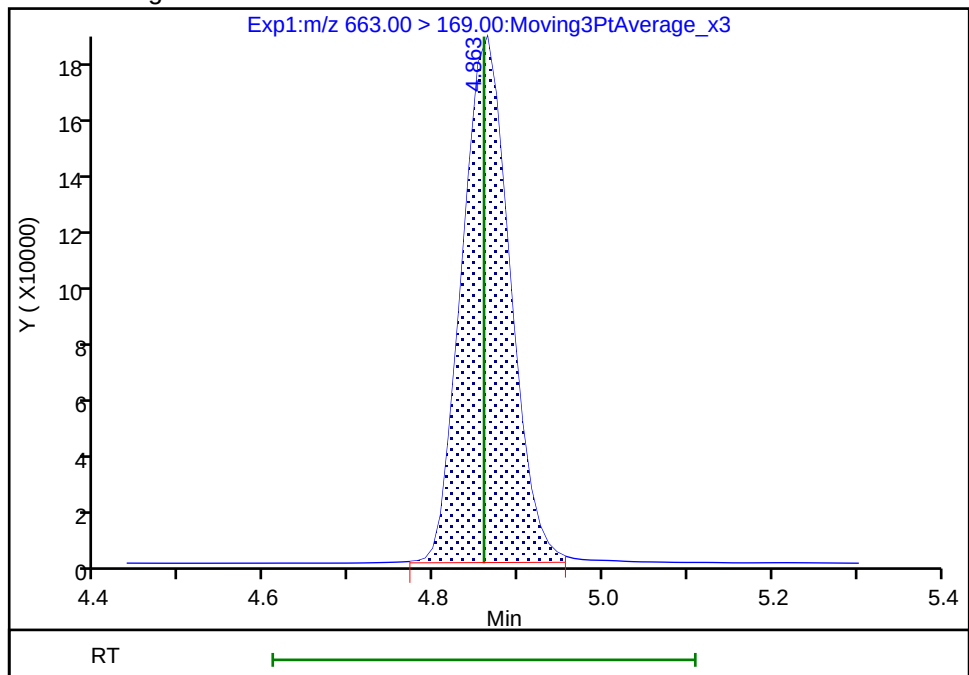
RT: 4.86
Area: 734697
Amount: 2.626743
Amount Units: ng/ml

Processing Integration Results



RT: 4.86
Area: 729685
Amount: 2.613124
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:42:57

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d

Injection Date: 04-Aug-2022 22:36:58

Instrument ID: LC812

Lims ID: CCV L5

Client ID:

Operator ID: lc812tech

ALS Bottle#:

16

Worklist Smp#: 16

Injection Vol: 20.0 ul

Dil. Factor:

1.0000

Method: PFC_LC812

Limit Group:

LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

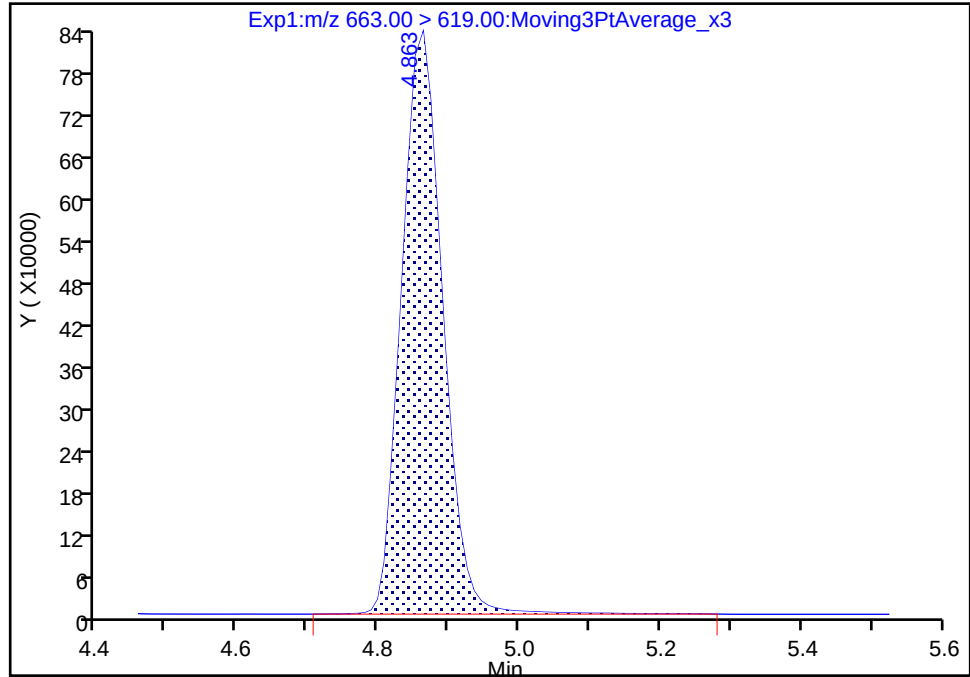
EXP1

41 Perfluorotridecanoic acid, CAS: 72629-94-8

Signal: 1

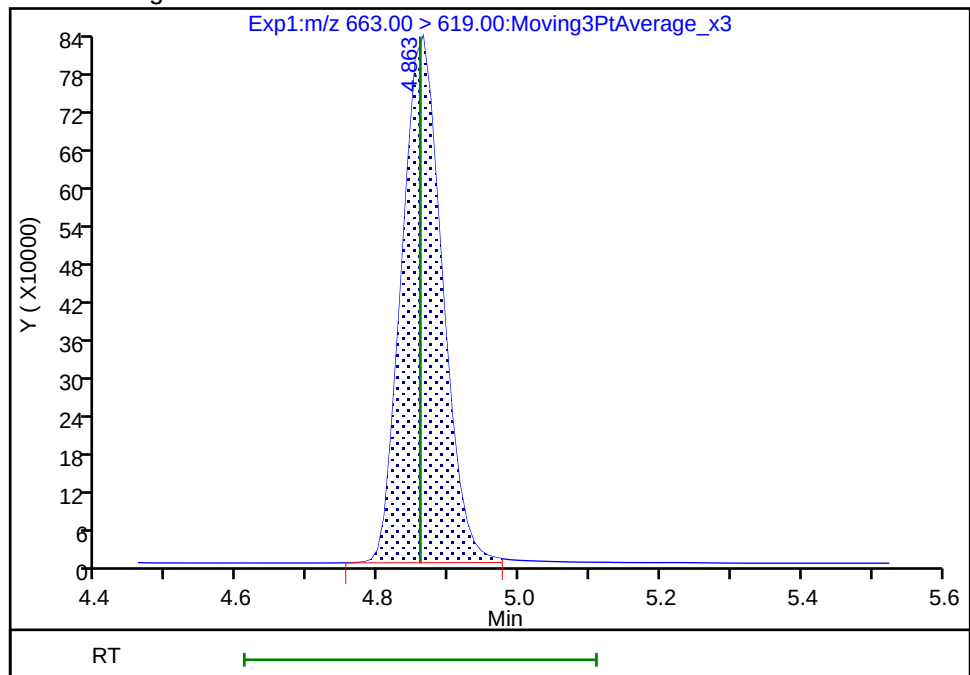
RT: 4.86
Area: 3376506
Amount: 2.626743
Amount Units: ng/ml

Processing Integration Results



RT: 4.86
Area: 3340495
Amount: 2.613124
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:42:58

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

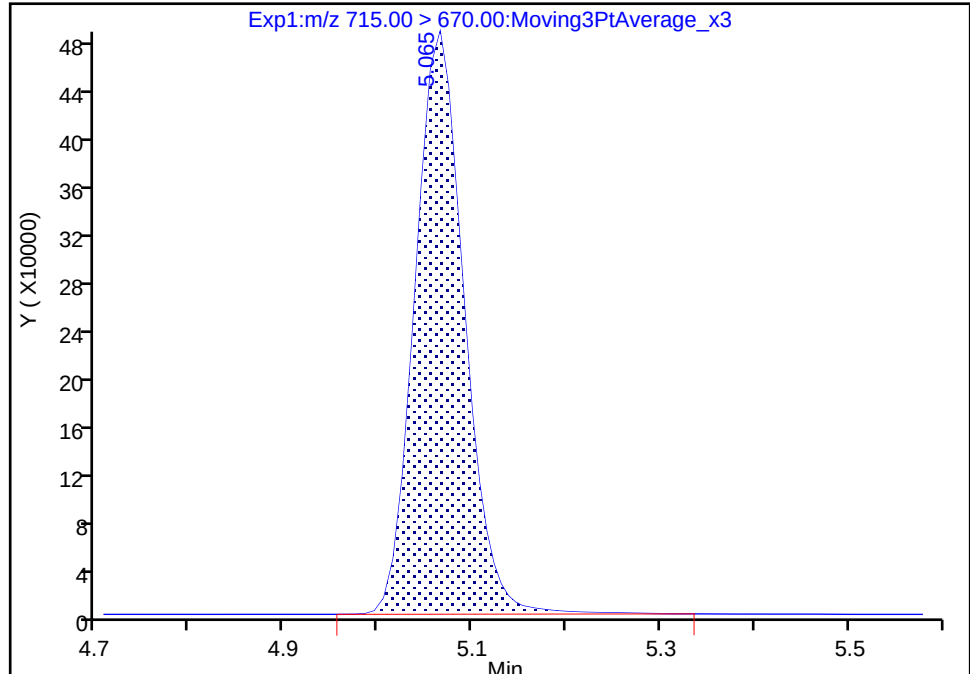
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 43 13C2 PFTeDA, CAS: STL02116

Signal: 1

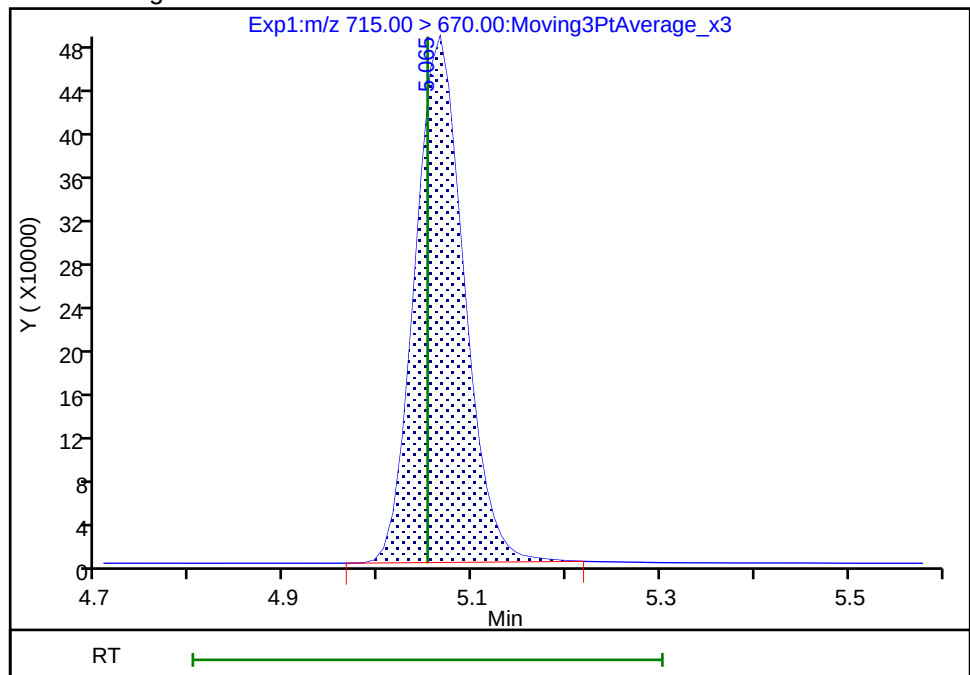
RT: 5.07
Area: 1756966
Amount: 1.569540
Amount Units: ng/ml

Processing Integration Results



RT: 5.07
Area: 1742087
Amount: 1.572142
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:51:19
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

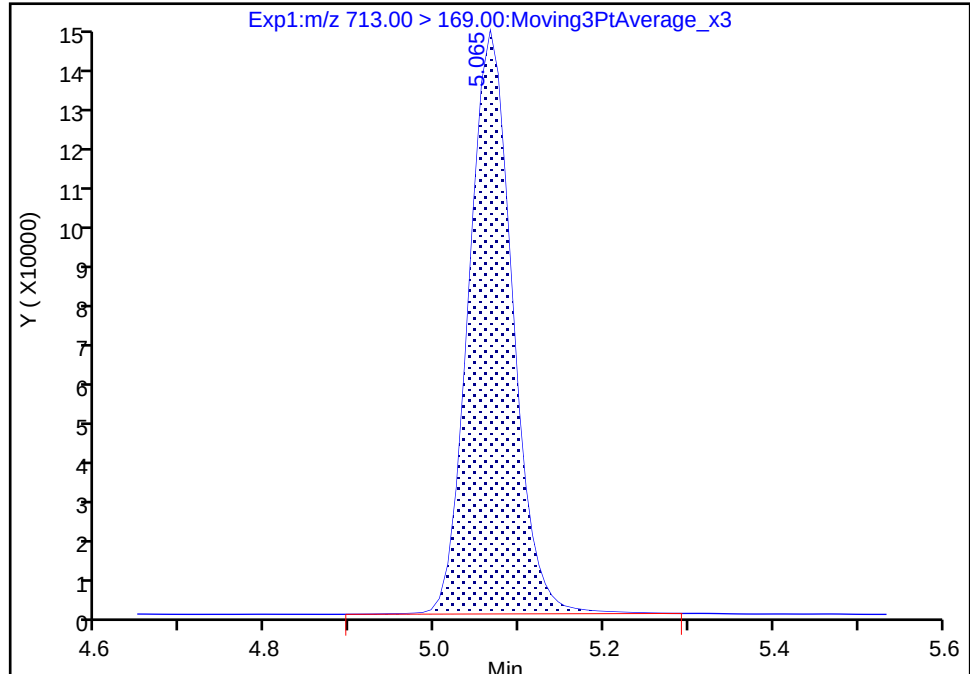
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

42 Perfluorotetradecanoic acid, CAS: 376-06-7

Signal: 1

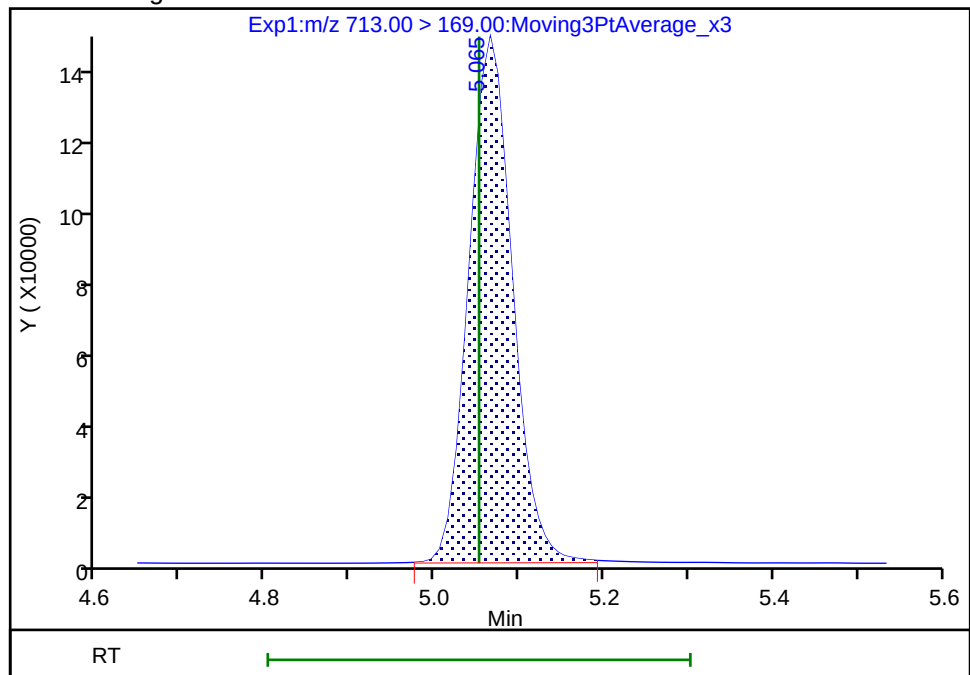
RT: 5.07
Area: 536504
Amount: 2.382466
Amount Units: ng/ml

Processing Integration Results



RT: 5.07
Area: 534895
Amount: 2.395608
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:43:07

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d

Injection Date: 04-Aug-2022 22:36:58

Instrument ID: LC812

Lims ID: CCV L5

Client ID:

Operator ID: lc812tech

ALS Bottle#:

16

Worklist Smp#: 16

Injection Vol: 20.0 ul

Dil. Factor:

1.0000

Method: PFC_LC812

Limit Group:

LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

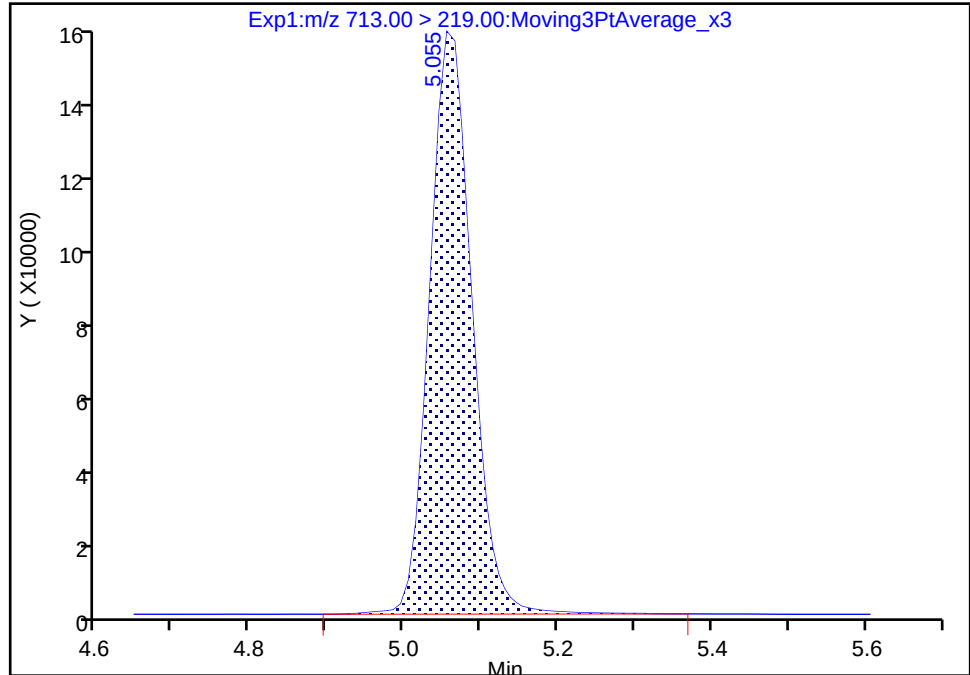
EXP1

42 Perfluorotetradecanoic acid, CAS: 376-06-7

Signal: 2

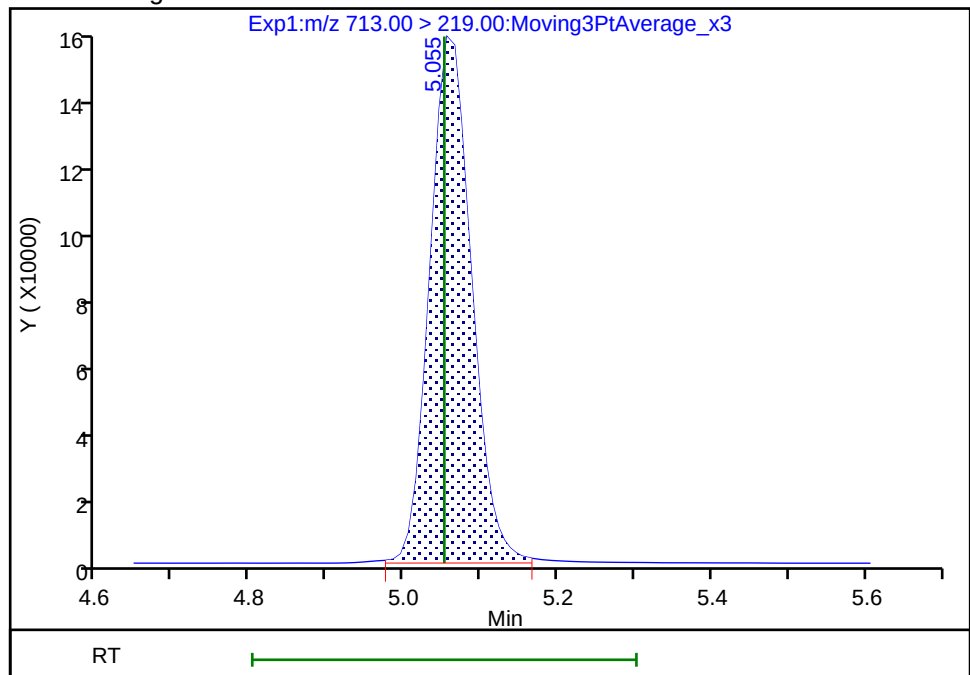
RT: 5.06
Area: 575404
Amount: 2.382466
Amount Units: ng/ml

Processing Integration Results



RT: 5.06
Area: 570500
Amount: 2.395608
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:43:12

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

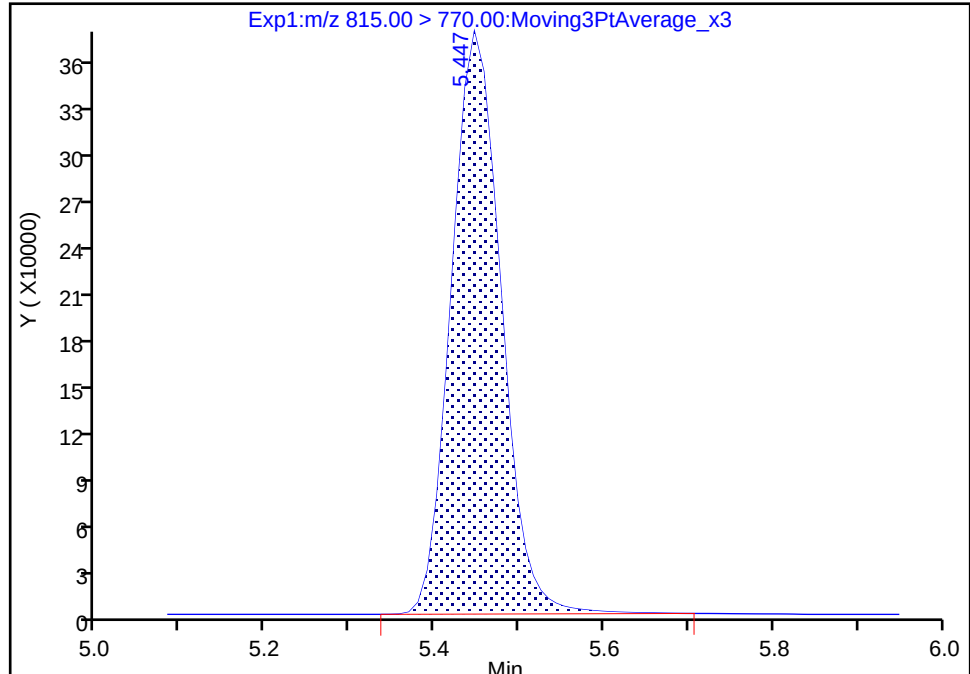
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 44 13C2 PFHxDA, CAS: STL02115

Signal: 1

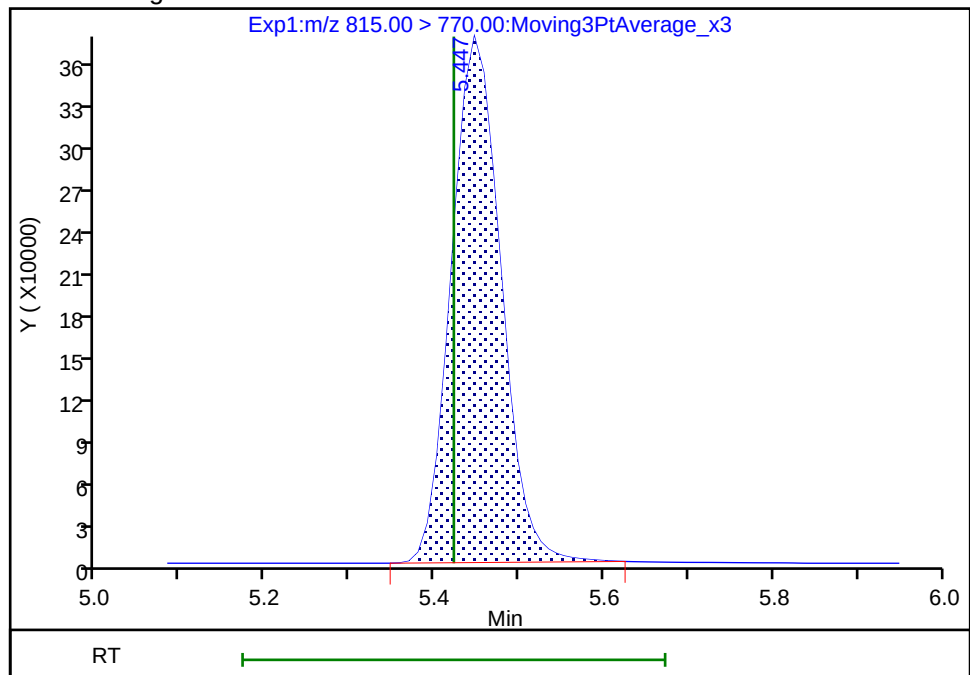
RT: 5.45
Area: 1547141
Amount: 1.225689
Amount Units: ng/ml

Processing Integration Results



RT: 5.45
Area: 1538707
Amount: 1.219007
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:54:55
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

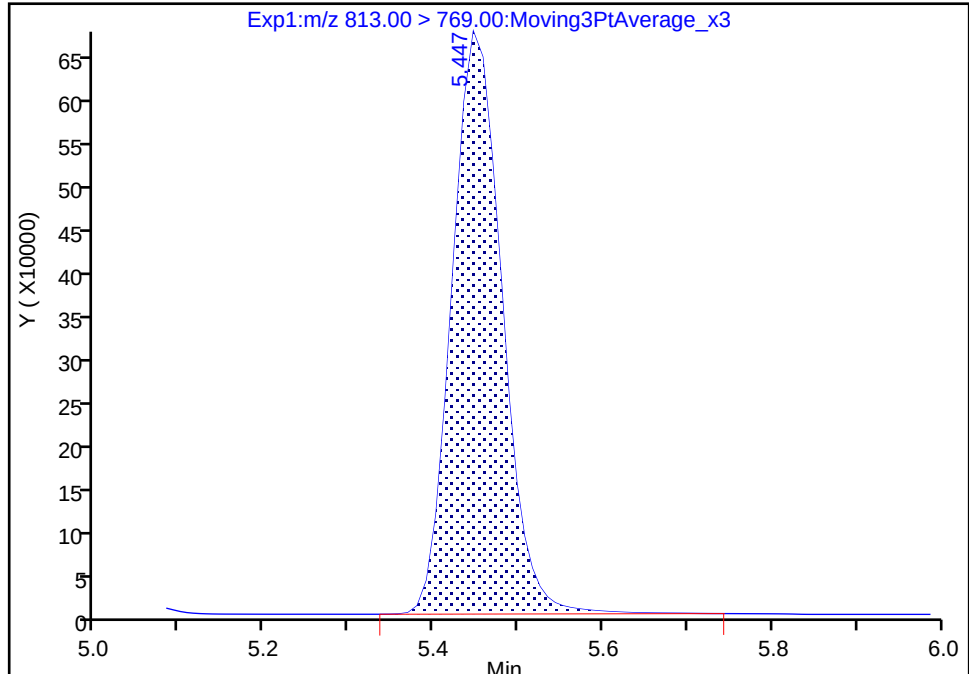
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

45 Perfluorohexadecanoic acid, CAS: 67905-19-5

Signal: 1

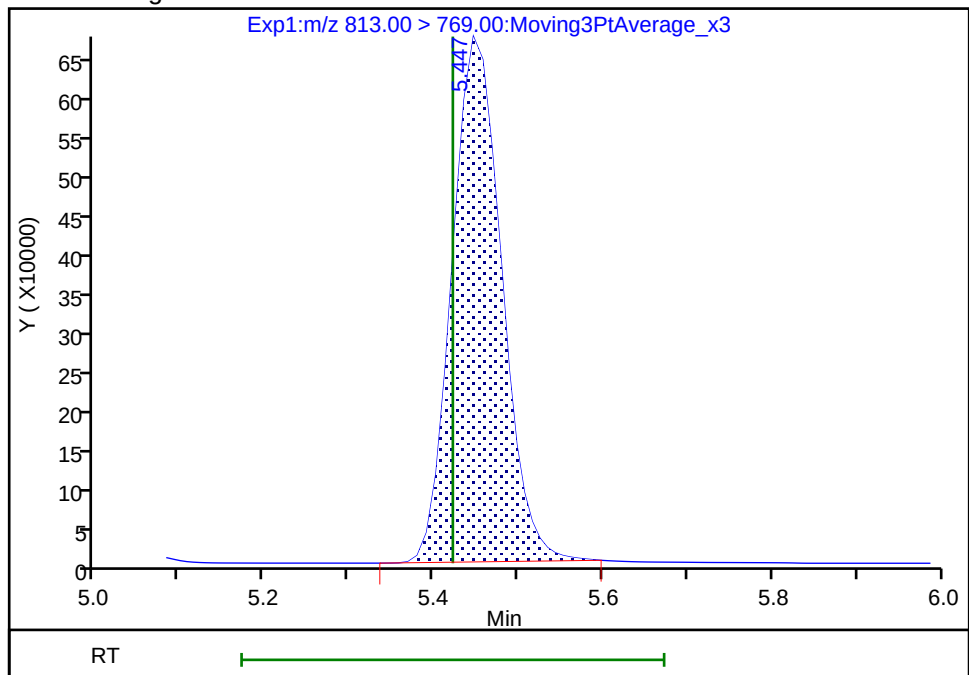
RT: 5.45
Area: 2763968
Amount: 2.477182
Amount Units: ng/ml

Processing Integration Results



RT: 5.45
Area: 2731303
Amount: 2.461191
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:51:25
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d

Injection Date: 04-Aug-2022 22:36:58

Instrument ID: LC812

Lims ID: CCV L5

Client ID:

Operator ID: lc812tech

ALS Bottle#:

16

Worklist Smp#: 16

Injection Vol: 20.0 ul

Dil. Factor:

1.0000

Method: PFC_LC812

Limit Group:

LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

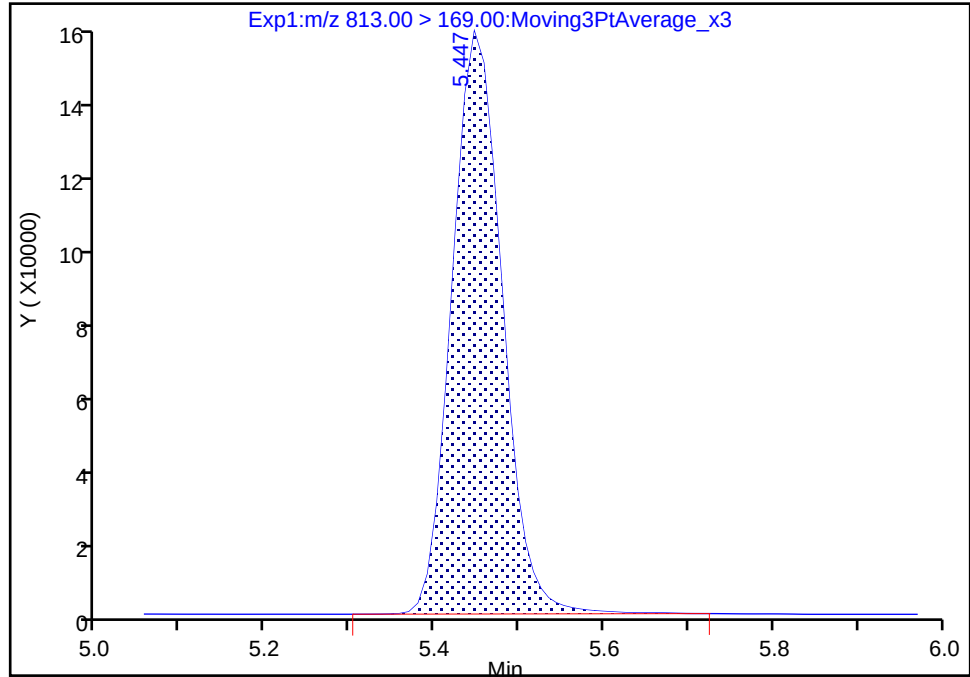
EXP1

45 Perfluorohexadecanoic acid, CAS: 67905-19-5

Signal: 2

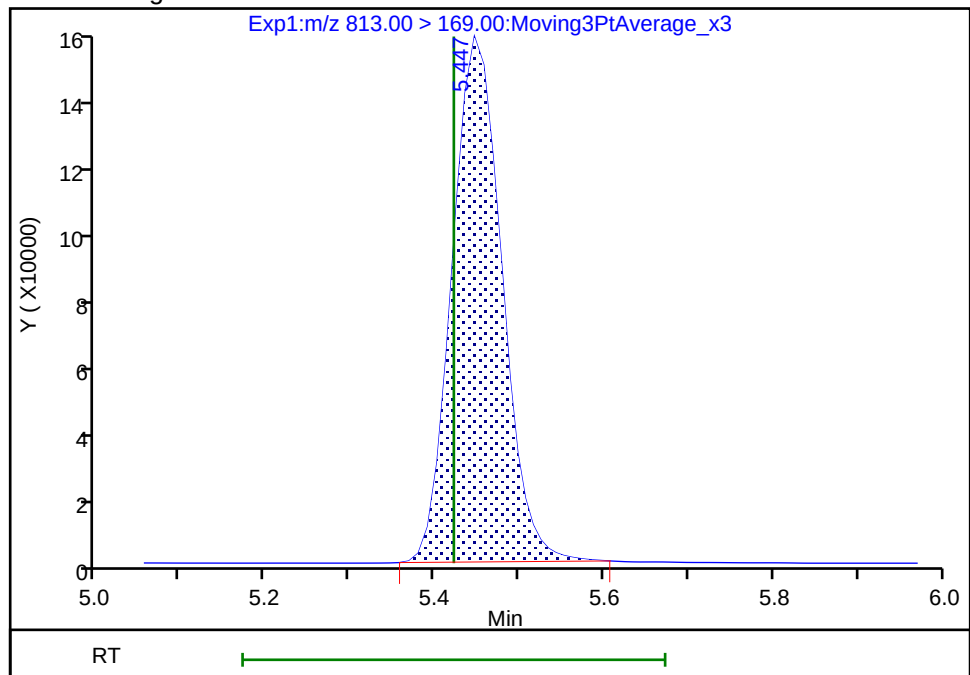
RT: 5.45
Area: 630960
Amount: 2.477182
Amount Units: ng/ml

Processing Integration Results



RT: 5.45
Area: 624810
Amount: 2.461191
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:54:45

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

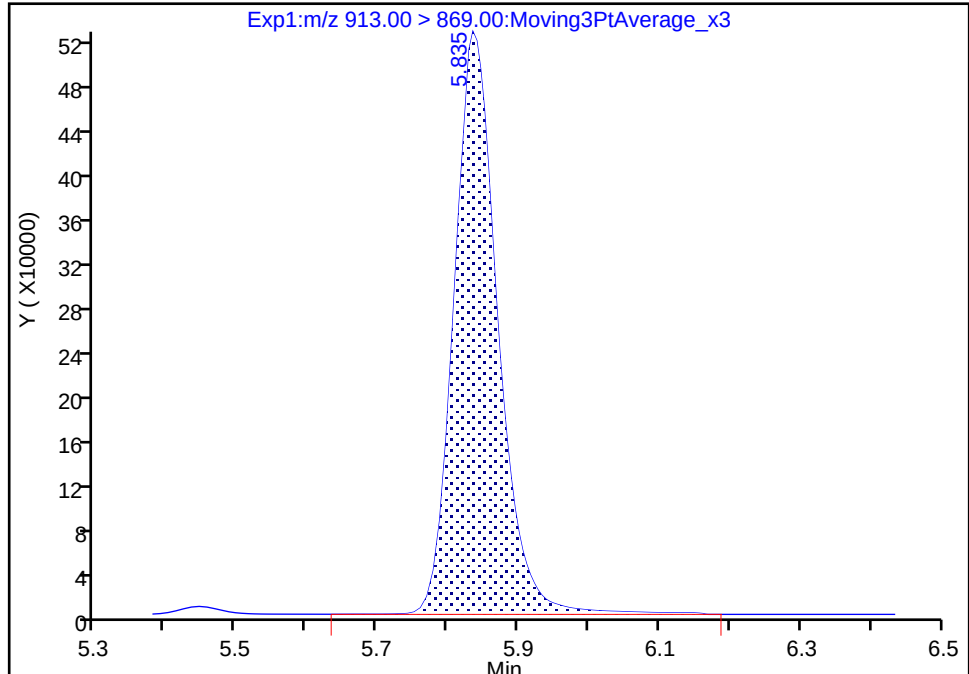
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d
Injection Date: 04-Aug-2022 22:36:58 Instrument ID: LC812
Lims ID: CCV L5
Client ID:
Operator ID: lc812tech ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

46 Perfluorooctadecanoic acid, CAS: 16517-11-6

Signal: 1

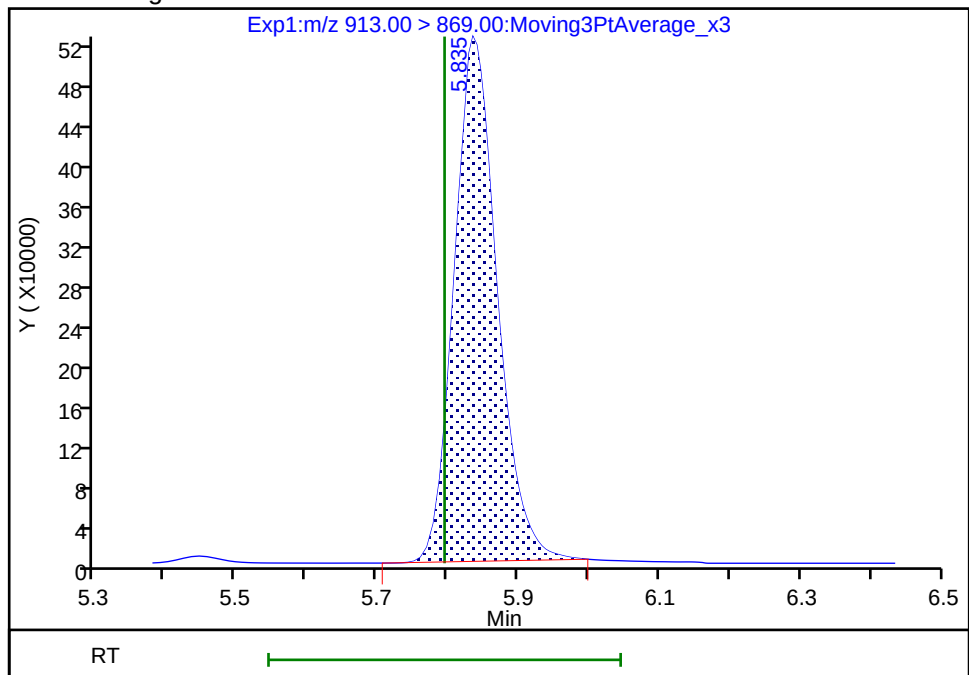
RT: 5.84
Area: 2255988
Amount: 2.741331
Amount Units: ng/ml

Processing Integration Results



RT: 5.84
Area: 2199003
Amount: 2.686733
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:51:31
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D16.d

Injection Date: 04-Aug-2022 22:36:58

Instrument ID: LC812

Lims ID: CCV L5

Client ID:

Operator ID: lc812tech

ALS Bottle#:

16

Worklist Smp#: 16

Injection Vol: 20.0 ul

Dil. Factor:

1.0000

Method: PFC_LC812

Limit Group:

LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

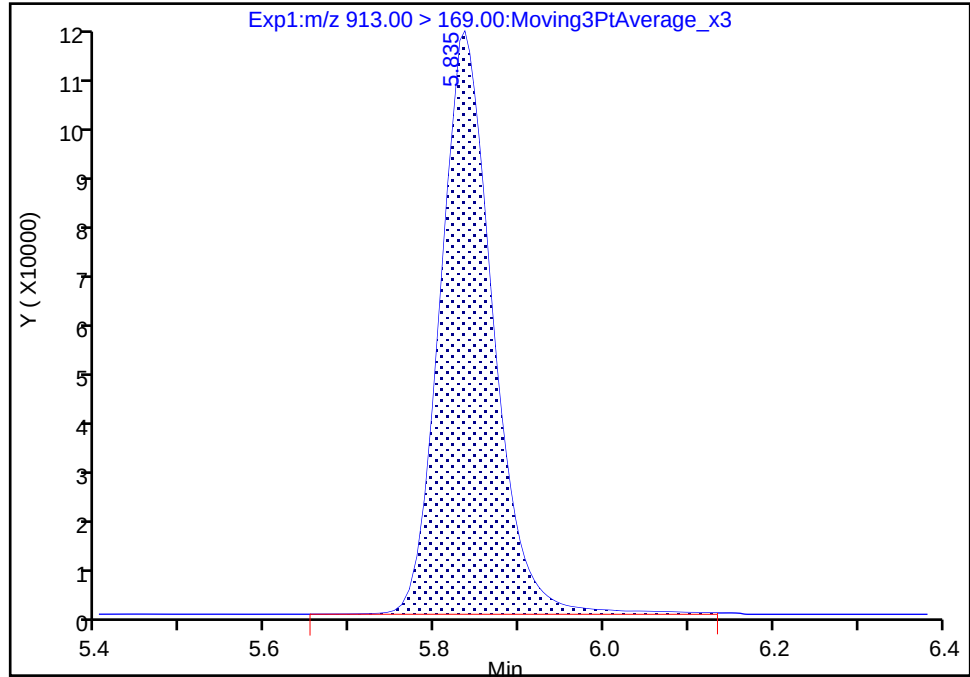
EXP1

46 Perfluorooctadecanoic acid, CAS: 16517-11-6

Signal: 2

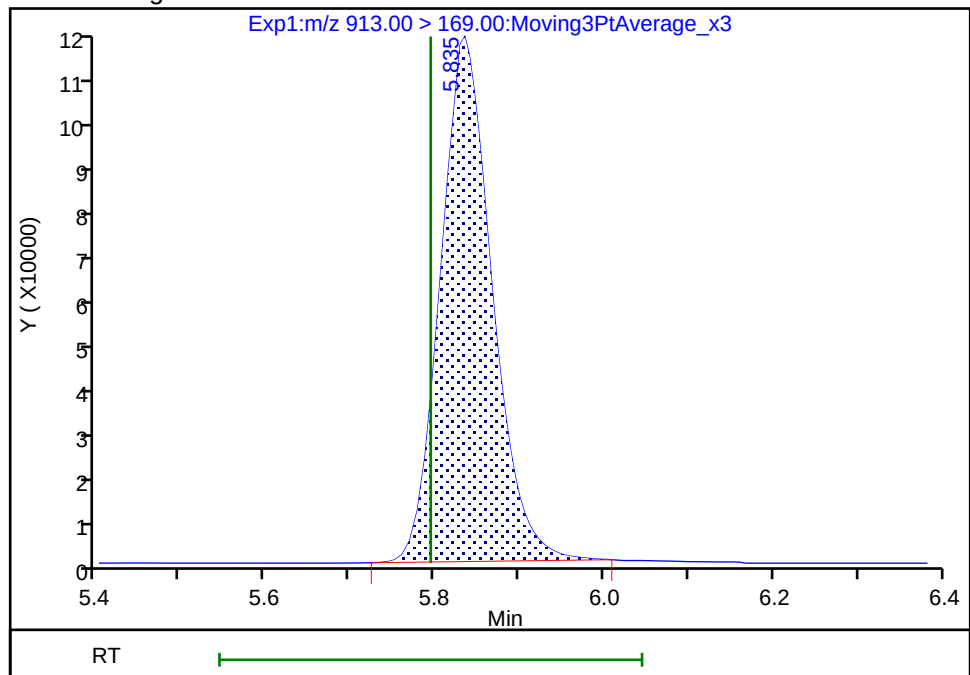
RT: 5.84
Area: 511781
Amount: 2.741331
Amount Units: ng/ml

Processing Integration Results



RT: 5.84
Area: 500605
Amount: 2.686733
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:55:09

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM VII
PFAS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 460-262853-1

SDG No.: _____

Lab Sample ID: CCV 200-182390/25 Calibration Date: 08/04/2022 23:50

Instrument ID: LC812 Calib Start Date: 08/03/2022 13:00

GC Column: C-18 ID: 4.60 (mm) Calib End Date: 08/03/2022 13:41

Lab File ID: PA220804D25.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Perfluorobutanoic acid (PFBA)	AveID	0.9697	0.9146		0.943	1.00	-5.7	
Perfluoropentanoic acid (PFPeA)	AveID	1.031	1.026		0.995	1.00	-0.5	
Perfluorobutanesulfonic acid (PFBS)	AveID	1.104	1.069		0.856	0.884	-3.1	
1H,1H,2H,2H-Perfluorohexane sulfonic acid (4:2 FTS)	AveID	2.377	2.540		0.998	0.934	6.9	
Perfluorohexanoic acid (PFHxA)	AveID	1.043	1.040		0.997	1.00	-0.3	
Perfluoropentanesulfonic acid (PFPeS)	AveID	1.297	1.251		0.905	0.938	-3.5	
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	AveID	1.075	0.9495		0.884	1.00	-11.6	
Perfluoroheptanoic acid (PFHpA)	AveID	1.031	1.033		1.00	1.00	0.2	
Perfluorohexanesulfonic acid (PFHxS)	AveID	1.103	1.060		0.875	0.910	-3.9	
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	AveID	4.119	4.163		0.952	0.942	1.1	
6:2 FTS	L1ID		1.539		0.985	0.948	3.9	30.0
Perfluoroheptanesulfonic acid (PFHpS)	AveID	1.236	1.232		0.949	0.952	-0.3	
Perfluorooctanoic acid (PFOA)	AveID	1.121	1.089		0.971	1.00	-2.9	
Perfluorooctanesulfonic acid (PFOS)	L1ID		1.019		0.932	0.928	0.4	30.0
Perfluorononanoic acid (PFNA)	AveID	1.017	0.9840		0.967	1.00	-3.3	
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3O)	AveID	1.766	1.736		0.916	0.932	-1.7	
Perfluorononanesulfonic acid (PFNS)	AveID	0.7830	0.7881		0.966	0.960	0.7	
Perfluorodecanoic acid (PFDA)	AveID	1.052	1.004		0.954	1.00	-4.6	
8:2 FTS	AveID	0.9657	0.9573		0.950	0.958	-0.9	
Perfluorooctanesulfonamide (FOSA)	AveID	1.019	1.002		0.983	1.00	-1.7	
N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	AveID	0.8881	0.9081		1.02	1.00	2.3	
Perfluorodecanesulfonic acid (PFDS)	AveID	0.5827	0.6036		0.999	0.964	3.6	
Perfluoroundecanoic acid (PFUnA)	AveID	1.059	1.053		0.993	1.00	-0.7	
N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	AveID	0.9079	0.9159		1.01	1.00	0.9	
11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (11Cl-PF)	AveID	2.299	2.209		0.905	0.942	-3.9	
Perfluorododecanoic acid (PFDoA)	AveID	1.014	1.040		1.03	1.00	2.5	
1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS)	AveID	0.4511	0.4862		1.04	0.964	7.8	
Perfluorododecanesulfonic acid (PFDoS)	AveID	0.2587	0.2638		0.987	0.968	2.0	

FORM VII
PFAS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Burlington Job No.: 460-262853-1
 SDG No.: _____
 Lab Sample ID: CCV 200-182390/25 Calibration Date: 08/04/2022 23:50
 Instrument ID: LC812 Calib Start Date: 08/03/2022 13:00
 GC Column: C-18 ID: 4.60 (mm) Calib End Date: 08/03/2022 13:41
 Lab File ID: PA220804D25.d Conc. Units: ng/mL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Perfluorotridecanoic acid (PFTrIA)	AveID	0.8791	0.9565		1.09	1.00	8.8	
Perfluorotetradecanoic acid (PFTeA)	AveID	0.1602	0.1609		1.00	1.00	0.4	
Perfluoro-n-hexadecanoic acid (PFHxDA)	L1ID		0.9214		1.01	1.00	1.0	30.0
Perfluoro-n-octadecanoic acid (PFODA)	AveID	0.6649	0.7073		1.06	1.00	6.4	
13C4 PFBA	Ave	1.167	1.131		1.21	1.25	-3.1	
13C5 PFPeA	Ave	0.8976	0.8551		1.19	1.25	-4.7	
13C3 PFBS	Ave	1.039	0.9713		1.09	1.16	-6.5	
M2-4:2 FTS	Ave	0.0894	0.0821		1.07	1.17	-8.2	
13C2 PFHxA	Ave	0.8962	0.8530		1.19	1.25	-4.8	
13C3 HFPO-DA	Ave	0.1687	0.1632		1.21	1.25	-3.3	
13C4 PFHpA	Ave	0.9296	0.8952		1.20	1.25	-3.7	50.0
18O2 PFHxS	Ave	0.7305	0.6947		1.13	1.18	-4.9	50.0
M2-6:2 FTS	Ave	0.1223	0.1149		1.12	1.19	-6.0	
13C4 PFOA	Ave	0.9525	0.9529		1.25	1.25	0.0	50.0
13C4 PFOS	Ave	0.5455	0.4971		1.09	1.20	-8.9	50.0
13C5 PFNA	Ave	0.9889	0.9597		1.21	1.25	-3.0	50.0
13C2 PFDA	Ave	0.9624	0.9423		1.22	1.25	-2.1	
M2-8:2 FTS	Ave	0.1471	0.1427		1.16	1.20	-3.0	
13C8 FOSA	Ave	0.8423	0.7781		1.16	1.25	-7.6	
d3-NMeFOSAA	Ave	0.1290	0.1074		1.04	1.25	-16.7	
13C2 PFUnA	Ave	0.7292	0.7442		1.28	1.25	2.1	
d5-NEtFOSAA	Ave	0.1221	0.1083		1.11	1.25	-11.3	
13C2 PFDoA	Ave	0.7556	0.7378		1.22	1.25	-2.4	
13C2 PFTeDA	Ave	0.6177	0.6877		1.39	1.25	11.3	
13C2 PFHxDA	Ave	0.7037	0.6684		1.19	1.25	-5.0	

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d
 Lims ID: CCV L4
 Client ID:
 Sample Type: CCV
 Inject. Date: 04-Aug-2022 23:50:44 ALS Bottle#: 25 Worklist Smp#: 25
 Injection Vol: 20.0 ul Dil. Factor: 1.0000
 Sample Info: CCV L4
 Misc. Info.: 200-0051964-025 Plate: 1 Rack: 4
 Operator ID: lc812tech Instrument ID: LC812
 Sublist: chrom-PFC_LC812*sub3
 Method: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PFC_LC812.m
 Limit Group: LC_PFC_ICAL
 Last Update: 08-Aug-2022 12:20:47 Calib Date: 03-Aug-2022 13:41:11
 Integrator: Picker
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
 Column 1 : C-18 (4.60 mm) Det: EXP1
 Process Host: CTX1679

First Level Reviewer: nampitakw

Date: 05-Aug-2022 14:27:07

Ratio Calibration: Initial Calibration Level: 4

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	2.076	2.076	0.0	0.599	2467044	1.21		96.9	12136	
2 Perfluorobutanoic acid										M
212.90 > 169.00	2.085	2.085	0.0	1.004	1805005	0.9431		94.3	197	M
D 3 13C5 PFPeA										
267.90 > 223.00	2.387	2.400	-0.013	0.689	1865798	1.19		95.3	3401	
4 Perfluoropentanoic acid										
262.90 > 219.00	2.387	2.400	-0.013	1.000	1531298	1.00		99.5	59.2	
D 47 13C3 PFBS										M
301.90 > 80.00	2.413	2.413	0.0	0.696	1971109	1.09		93.5	206977	M
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.413	2.413	0.0	1.000	1602705	0.8563	Target=2.23	96.9	1578	
298.90 > 99.00	2.413	2.413	0.0	1.000	729287		2.20(1.11-3.34)		492	
D 60 M2-4:2 FTS										M
329.00 > 81.00	2.701	2.713	-0.012	0.780	167370	1.07		91.8	152	M
61 1H,1H,2H,2H-perfluorohexanesulfo										
327.00 > 307.00	2.701	2.713	-0.012	1.000	340054	1.00		107	1848	
6 Perfluorohexanoic acid										
313.00 > 269.00	2.737	2.750	-0.013	1.000	1548692	1.00	Target=12.24	99.7	339	
313.00 > 119.00	2.737	2.750	-0.013	1.000	116882		13.25(6.12-18.36)		192	
D 7 13C2 PFHxA										
315.00 > 270.00	2.737	2.750	-0.013	0.790	1861303	1.19		95.2	3360	
70 Perfluoropentanesulfonic acid										M
349.00 > 80.00	2.750	2.750	0.0	0.884	1422882	0.9049	Target=2.95	96.5	1354	M
349.00 > 99.00	2.750	2.750	0.0	0.884	459561		3.10(1.48-4.43)		751	
D 64 13C3 HFPO-DA										
287.00 > 169.00	2.847	2.859	-0.012	0.822	356098	1.21		96.7	2711	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
67 Perfluoro(2-propoxypropanoic) ac										M
285.00 > 169.00	2.847	2.859	-0.012	1.000	270484	0.8836		88.4	1062	M
D 11 18O2 PFHxS										
403.00 > 84.00	3.110	3.110	0.0	0.897	1434056	1.12		95.1	2383	
8 Perfluorohexanesulfonic acid										M
399.00 > 80.00	3.110	3.110	0.0	1.000	1170154	0.8748	Target=3.43	96.1	1336	
399.00 > 99.00	3.110	3.110	0.0	1.000	341318		3.43(1.72-5.15)		443	M
D 9 13C4 PFHpA										M
367.00 > 322.00	3.110	3.121	-0.011	0.897	1953257	1.20		96.3	2432	M
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.110	3.121	-0.011	1.000	1613525	1.00	Target=3.73	100	453	
363.00 > 169.00	3.110	3.121	-0.011	1.000	412606		3.91(1.86-5.59)		749	
77 DONA										
377.00 > 251.00	3.154	3.154	0.0	0.834	3402642	0.9521	Target=2.84	101	3086	
377.00 > 85.00	3.154	3.154	0.0	0.834	1228015		2.77(1.42-4.26)		1213	
D 12 M2-6:2 FTS										
429.00 > 81.00	3.456	3.465	-0.009	0.997	238196	1.12		94.0	549	
13 1H,1H,2H,2H-perfluorooctanesulfo										M
427.00 > 407.00	3.456	3.465	-0.009	1.000	292734	0.9847		104	563	M
16 Perfluoroheptanesulfonic acid										M
449.00 > 80.00	3.456	3.465	-0.009	0.914	1017791	0.9490	Target=4.89	99.7	1231	M
449.00 > 99.00	3.456	3.465	-0.009	0.914	212214		4.80(2.44-7.33)		1240	
15 Perfluorooctanoic acid										M
413.00 > 369.00	3.465	3.474	-0.009	1.000	1811970	0.9714	Target=2.67	97.1	196	M
413.00 > 169.00	3.465	3.474	-0.009	1.000	659396		2.75(1.34-4.01)		810	M
D 14 13C4 PFOA										
417.00 > 372.00	3.465	3.474	-0.009	1.000	2079279	1.25		100	2814	
* 62 13C2 PFOA										
415.00 > 370.00	3.465	3.474	-0.009		2182029	1.25			4164	
17 Perfluorooctanesulfonic acid										M
499.00 > 80.00	3.783	3.792	-0.009	1.000	820577	0.9320	Target=4.88	100	686	M
499.00 > 99.00	3.783	3.792	-0.009	1.000	172149		4.77(2.44-7.32)		549	M
D 18 13C4 PFOS										
503.00 > 80.00	3.783	3.792	-0.009	1.092	1036873	1.09		91.1	2827	
20 Perfluorononanoic acid										M
463.00 > 419.00	3.802	3.812	-0.010	1.000	1648398	0.9671	Target=8.23	96.7	457	M
463.00 > 169.00	3.812	3.812	0.0	1.003	212503		7.76(4.11-12.34)		1213	
D 19 13C5 PFNA										M
468.00 > 423.00	3.802	3.812	-0.010	1.097	2094034	1.21		97.0	1774	M
69 9-Chlorohexadecafluoro-3-oxanona										M
531.00 > 351.00	3.960	3.960	0.0	1.047	1404192	0.9161		98.3	3370	M
68 Perfluorononanesulfonic acid										M
549.00 > 80.00	4.081	4.093	-0.012	1.079	656435	0.9662	Target=2.53	101	1632	M
549.00 > 99.00	4.081	4.093	-0.012	1.079	267088		2.46(1.26-3.79)		922	
24 Perfluorodecanoic acid										M
513.00 > 469.00	4.115	4.116	-0.001	1.000	1650756	0.9542	Target=9.67	95.4	896	
513.00 > 169.00	4.115	4.116	-0.001	1.000	179042		9.22(4.83-14.50)		689	M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 23 13C2 PFDA										M
515.00 > 470.00	4.115	4.116	-0.001	1.188	2056211	1.22		97.9	1631	M
25 1H,1H,2H,2H-perfluorodecanesulfo										M
527.00 > 507.00	4.127	4.127	0.0	1.000	228459	0.9497		99.1	547	M
D 26 M2-8:2 FTS										M
529.00 > 81.00	4.127	4.127	0.0	1.191	298300	1.16		97.0	986	M
D 21 13C8 FOSA										M
506.00 > 78.00	4.150	4.161	-0.011	1.198	1697880	1.15		92.4	1169	M
22 Perfluorooctanesulfonamide										
498.00 > 78.00	4.161	4.161	0.0	1.003	1360672	0.9831		98.3	1912	
28 N-methylperfluorooctanesulfonami										M
570.00 > 419.00	4.261	4.261	0.0	1.000	170307	1.02		102	328	M
D 27 d3-NMeFOSAA										M
573.00 > 419.00	4.261	4.261	0.0	1.230	234425	1.04		83.3	483	M
29 Perfluorodecanesulfonic acid										M
599.00 > 80.00	4.365	4.365	0.0	1.154	504915	1.00	Target=2.80	104	2181	
599.00 > 99.00	4.365	4.365	0.0	1.154	198849		2.54(1.40-4.20)		873	M
D 30 13C2 PFUnA										M
565.00 > 520.00	4.387	4.387	0.0	1.266	1623790	1.28		102	1531	M
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.387	4.387	0.0	1.000	1367296	0.99	Target=9.07	99.3	906	
563.00 > 169.00	4.387	4.387	0.0	1.000	152983		8.94(4.54-13.61)		958	
33 N-ethylperfluorooctanesulfonamid										M
584.00 > 419.00	4.410	4.399	0.011	1.003	173094	1.01		101	918	M
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.398	4.399	-0.001	1.269	236231	1.11		88.7	1333	
66 11-Chloroeicosafuoro-3-oxaundec										M
631.00 > 451.00	4.491	4.491	0.0	1.187	1805475	0.9050		96.1	1490	M
D 36 13C2 PFDaA										M
615.00 > 570.00	4.633	4.633	0.0	1.337	1609800	1.22		97.6	1679	M
37 Perfluorododecanoic acid										M
613.00 > 569.00	4.633	4.633	0.0	1.000	1339023	1.03	Target=6.97	103	172	
613.00 > 169.00	4.633	4.633	0.0	1.000	213368		6.28(3.48-10.45)		1087	M
74 1H,1H,2H,2H-perfluorododecanesul										M
627.00 > 607.00	4.654	4.654	0.0	1.128	116746	1.04		108	703	M
75 Perfluorododecanesulfonic acid (										M
699.00 > 80.00	4.825	4.813	0.012	1.275	221589	0.9872	Target=0.52	102	1481	M
699.00 > 99.00	4.825	4.813	0.012	1.275	416875		0.53(0.26-0.79)		1514	M
41 Perfluorotridecanoic acid										
663.00 > 619.00	4.859	4.859	0.0	1.049	1231792	1.09	Target=4.56	109	172	
663.00 > 169.00	4.859	4.859	0.0	1.049	272248		4.52(2.28-6.84)		1465	
D 43 13C2 PFTeDA										M
715.00 > 670.00	5.062	5.052	0.010	1.461	1500516	1.39		111	2223	M
42 Perfluorotetradecanoic acid										M
713.00 > 169.00	5.071	5.052	0.019	1.002	193177	1.00	Target=0.94	100	1201	
713.00 > 219.00	5.062	5.052	0.010	1.000	195629		0.99(0.47-1.41)		1317	M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
45 Perfluorohexadecanoic acid										M
813.00 > 769.00	5.444	5.422	0.022	1.000	1075131	1.01	Target=4.38	101	221	M
813.00 > 169.00	5.444	5.422	0.022	1.000	243940		4.41(2.19-6.57)		1165	M
D 44 13C2 PFHxDA										
815.00 > 770.00	5.444	5.422	0.022	1.571	1458481	1.19		95.0	4089	
46 Perfluorooctadecanoic acid										M
913.00 > 869.00	5.833	5.795	0.038	1.071	825256	1.06	Target=4.31	106	179	M
913.00 > 169.00	5.833	5.795	0.038	1.071	190556		4.33(2.16-6.47)		997	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

PFAS32NCIC4_00033

Amount Added: 100.00

Units: uL

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d

Injection Date: 04-Aug-2022 23:50:44

Instrument ID: LC812

Lims ID: CCV L4

Client ID:

Operator ID: lc812tech

ALS Bottle#: 25

Worklist Smp#: 25

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

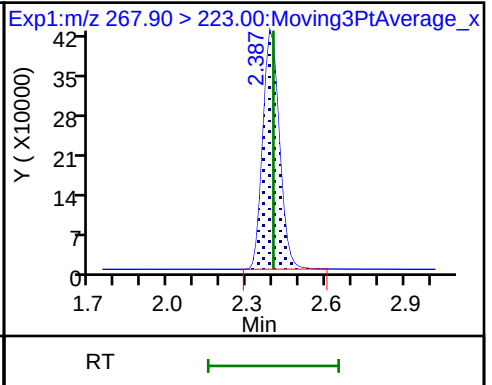
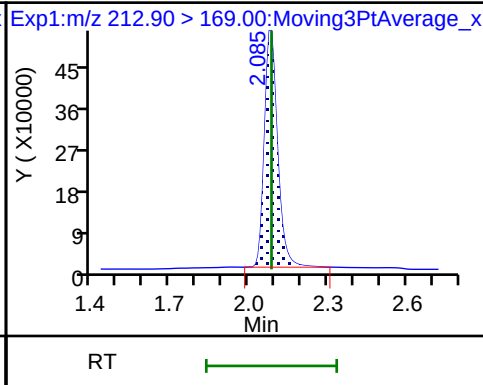
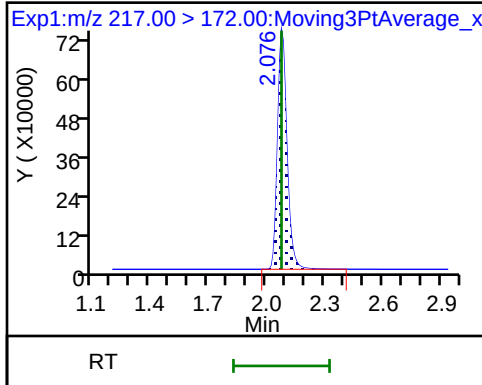
Method: PFC_LC812

Limit Group: LC_PFC_ICAL

D 1 13C4 PFBA

2 Perfluorobutanoic acid (M)

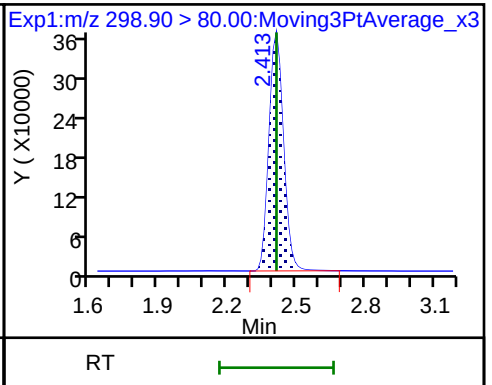
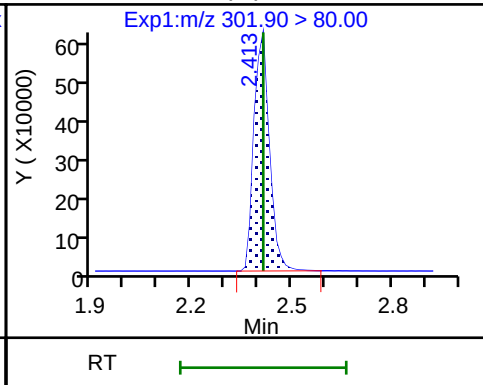
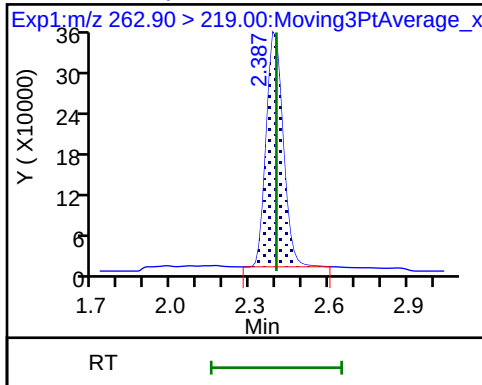
D 3 13C5 PFPeA



4 Perfluoropentanoic acid

D 47 13C3 PFBS (M)

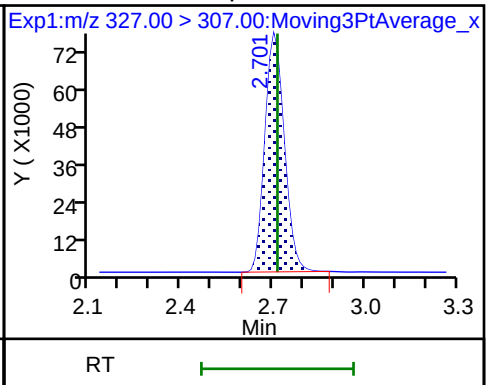
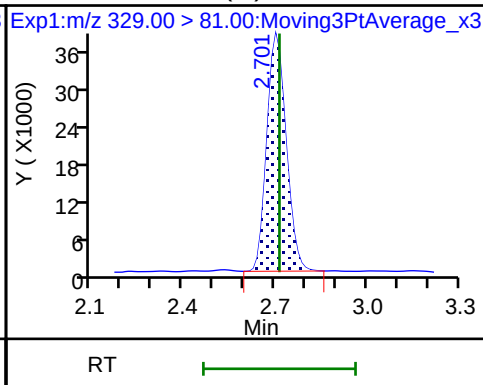
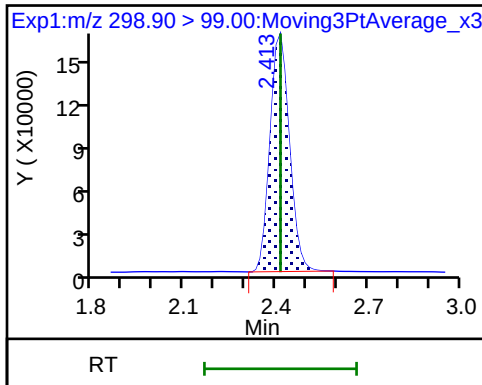
5 Perfluorobutanesulfonic acid



5 Perfluorobutanesulfonic acid

D 60 M2-4:2 FTS (M)

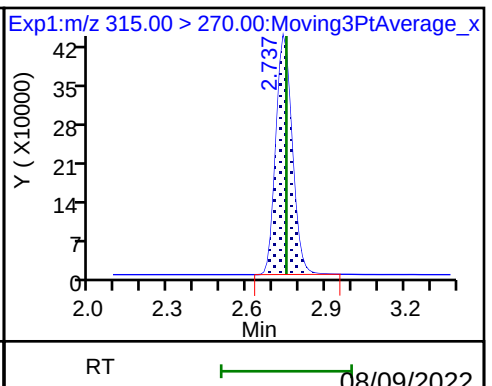
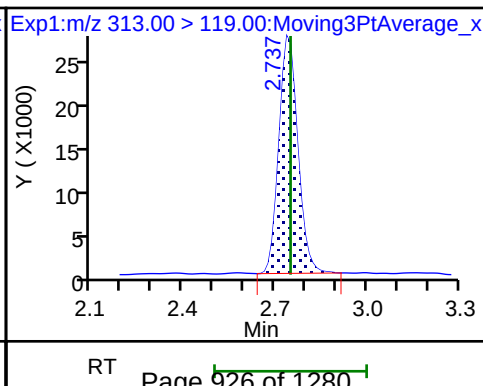
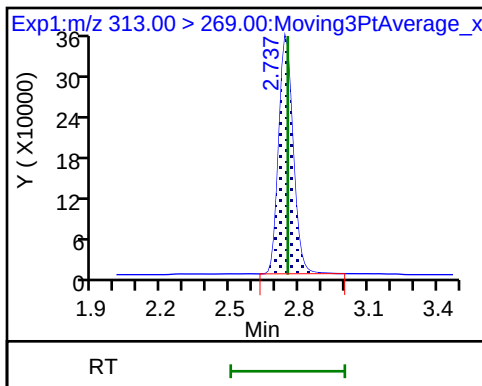
61 1H,1H,2H,2H-perfluorohexanesulfo



6 Perfluorohexanoic acid

6 Perfluorohexanoic acid

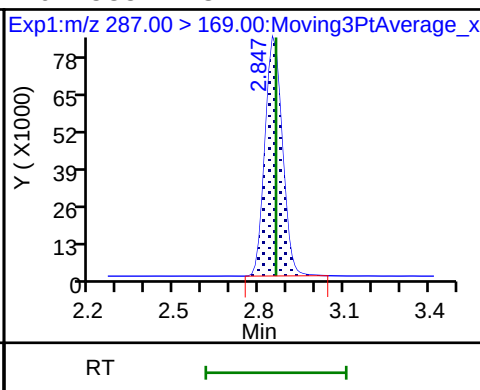
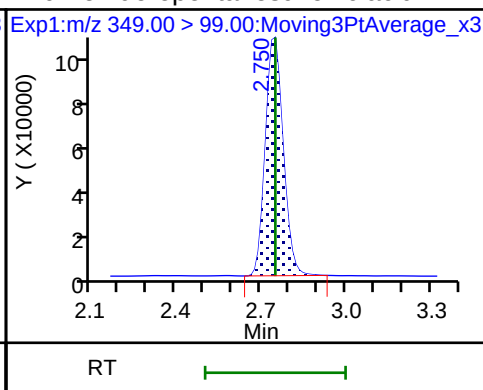
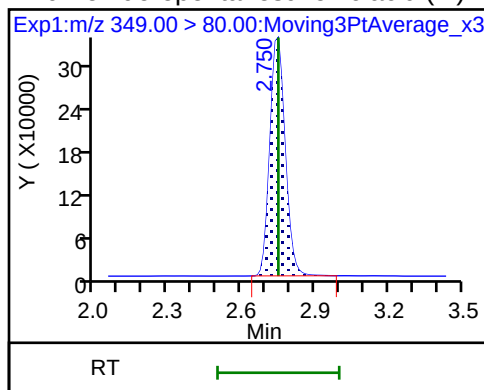
D 7 13C2 PFHxA



70 Perfluoropentanesulfonic acid (M)

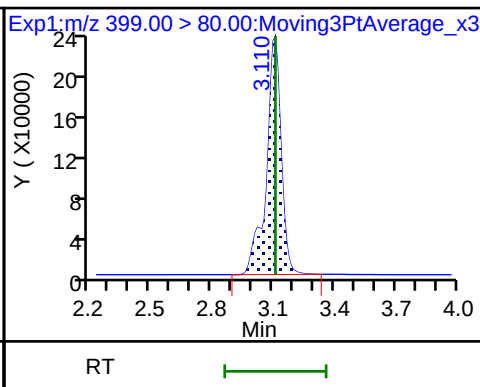
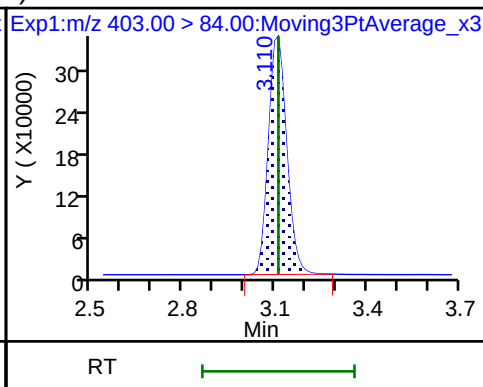
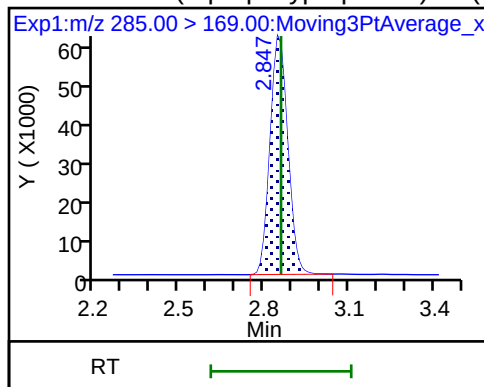
70 Perfluoropentanesulfonic acid

D 64 13C3 HFPO-DA



67 Perfluoro(2-propoxypropanoic) ac (M) 11 18O2 PFHxS

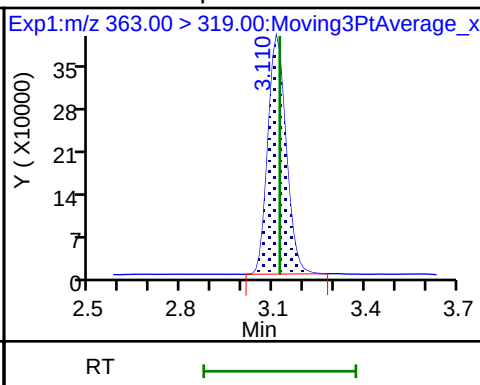
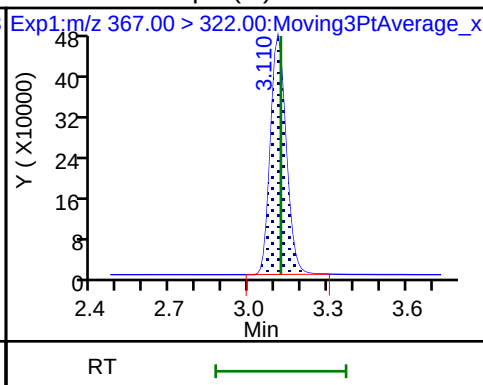
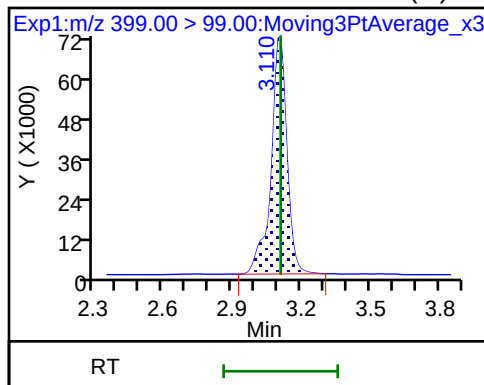
8 Perfluorohexanesulfonic acid



8 Perfluorohexanesulfonic acid (M)

D 9 13C4 PFHpA (M)

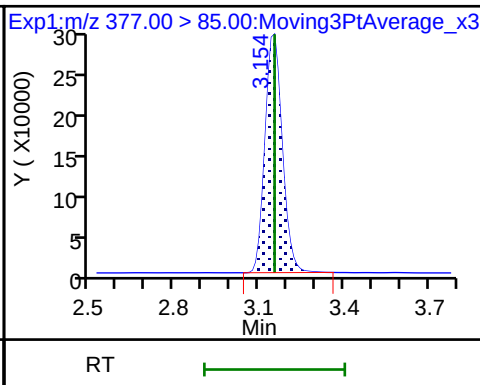
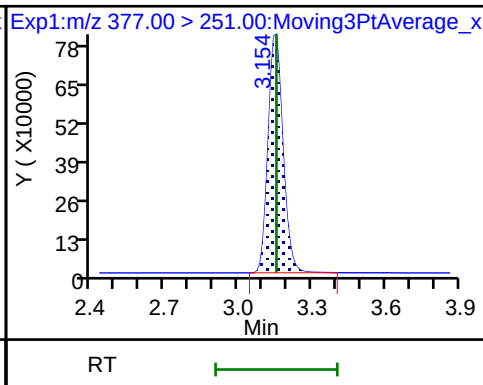
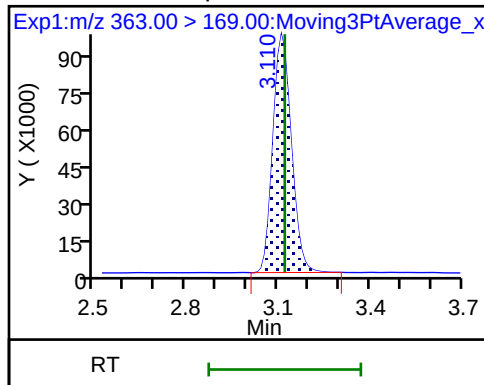
10 Perfluoroheptanoic acid



10 Perfluoroheptanoic acid

77 DONA

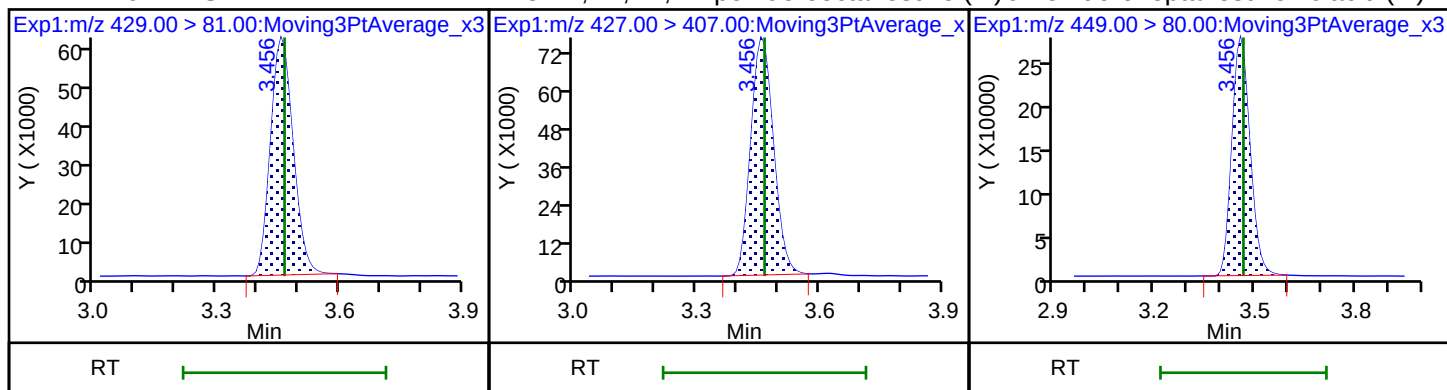
77 DONA



D 12 M2-6:2 FTS

13 1H,1H,2H,2H-perfluorooctanesulfo (M)

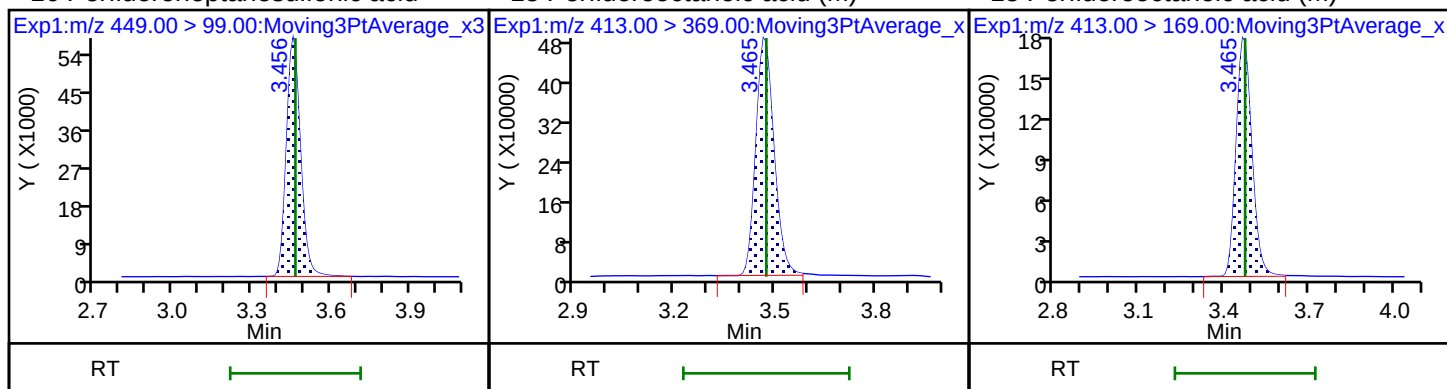
16 Perfluoroheptanesulfonic acid (M)



16 Perfluoroheptanesulfonic acid

15 Perfluorooctanoic acid (M)

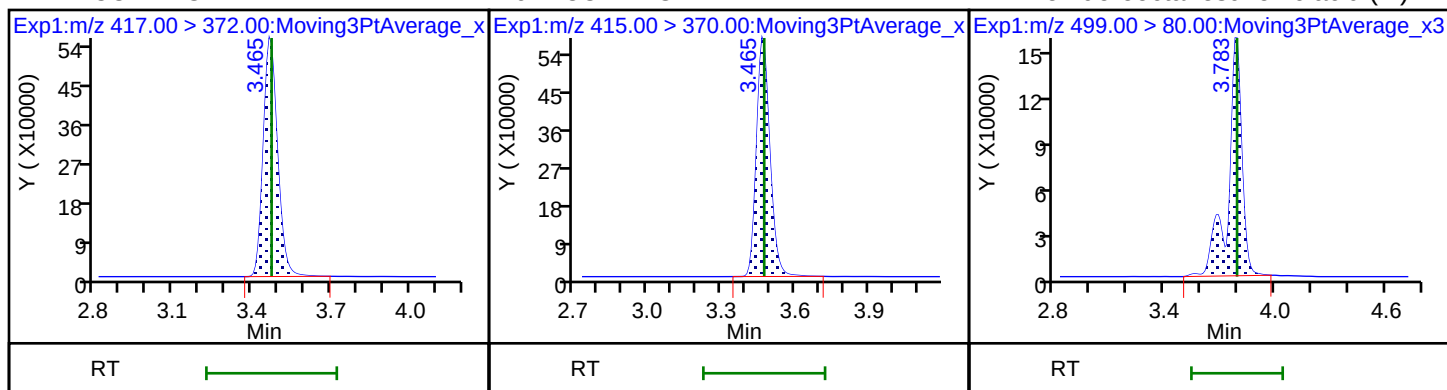
15 Perfluorooctanoic acid (M)



D 14 13C4 PFOA

* 62 13C2 PFOA

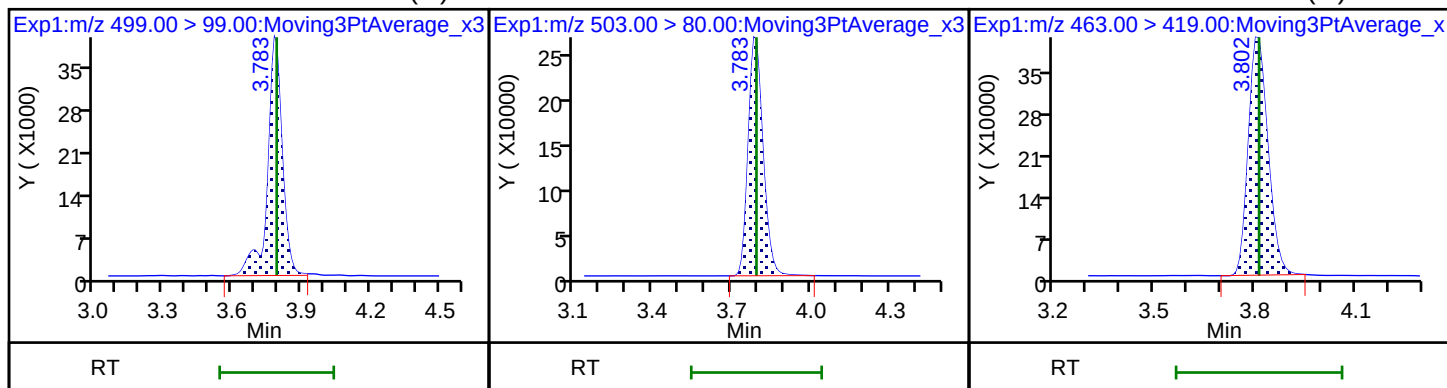
17 Perfluorooctanesulfonic acid (M)

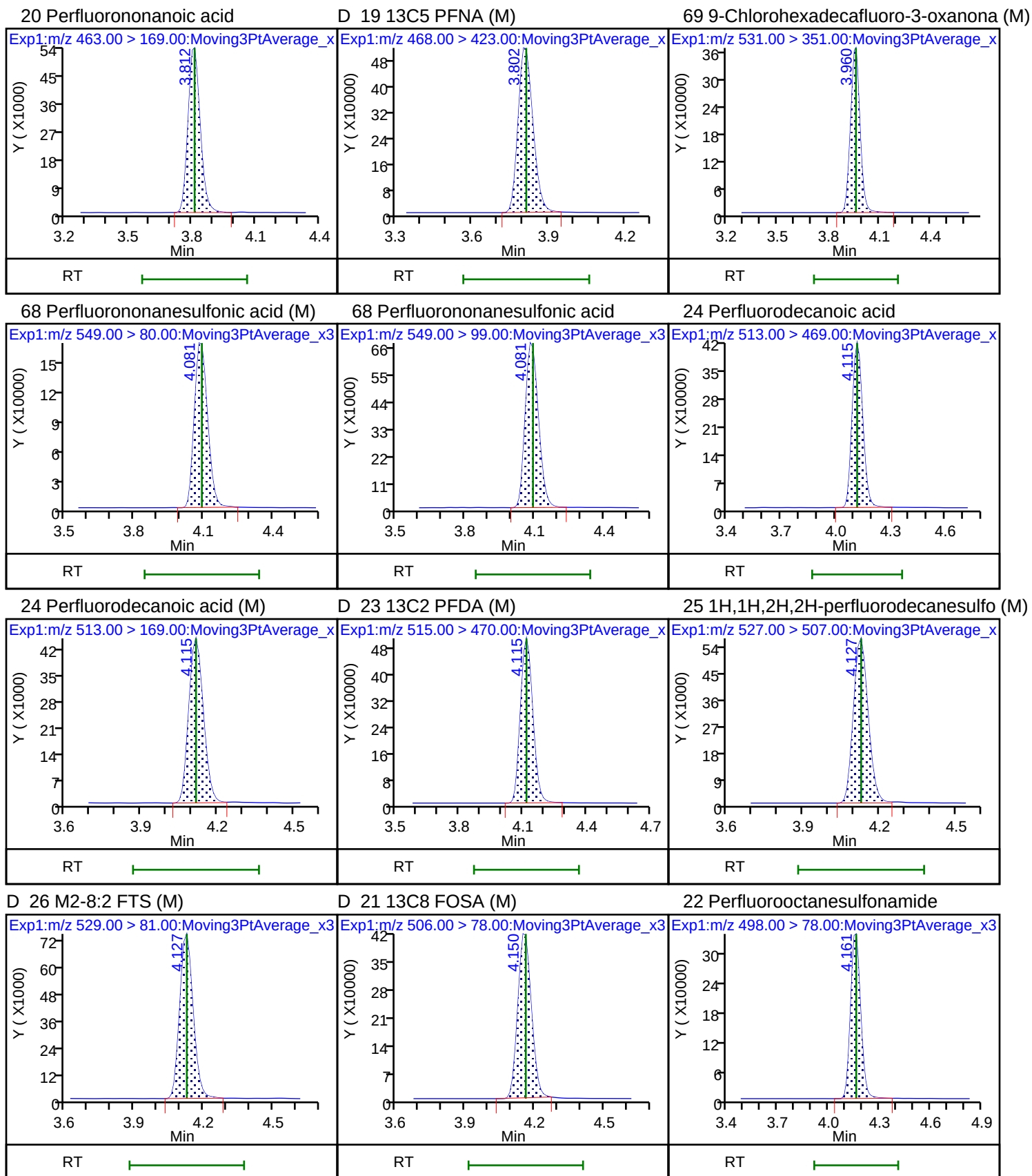


17 Perfluorooctanesulfonic acid (M)

D 18 13C4 PFOS

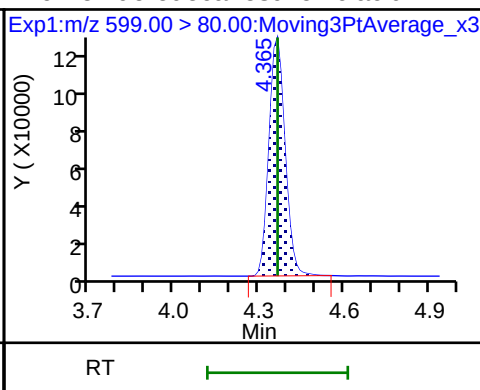
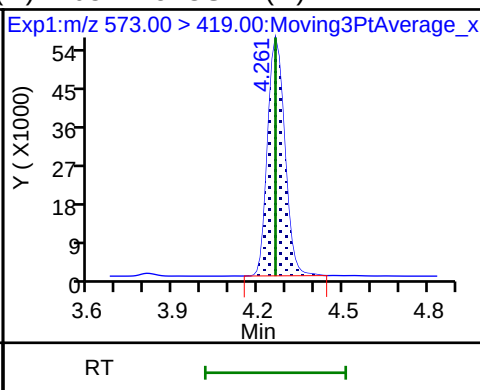
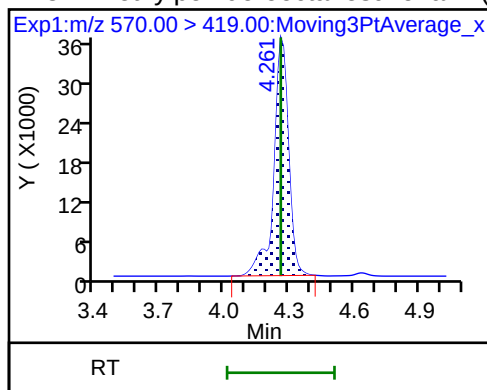
20 Perfluorononanoic acid (M)





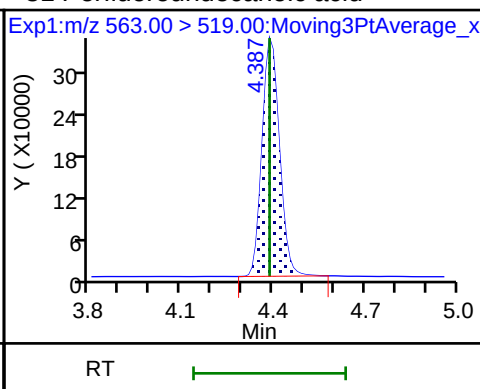
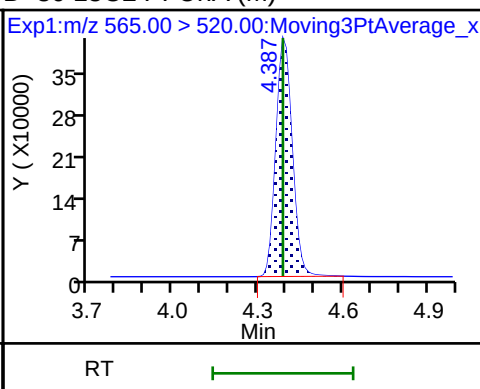
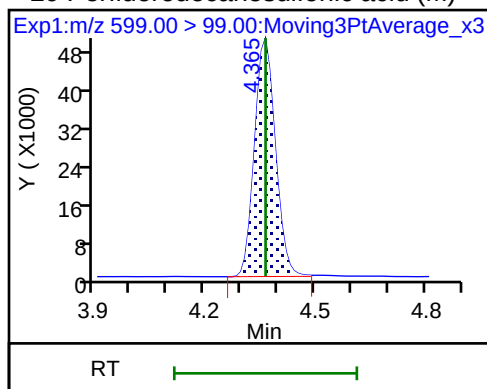
28 N-methylperfluorooctanesulfonami (M) 27 d3-NMeFOSAA (M)

29 Perfluorodecanesulfonic acid



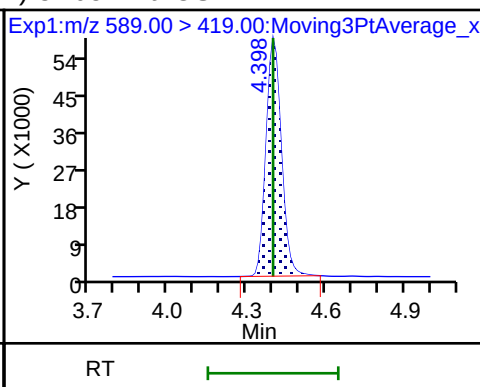
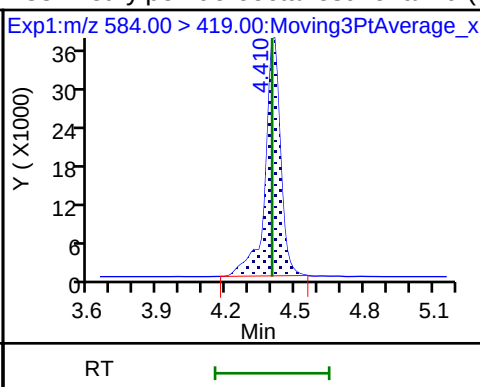
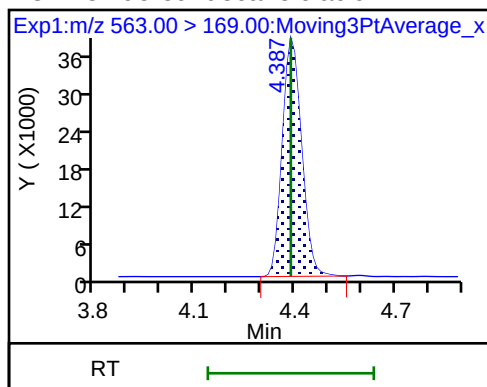
29 Perfluorodecanesulfonic acid (M) D 30 13C2 PFUnA (M)

31 Perfluoroundecanoic acid



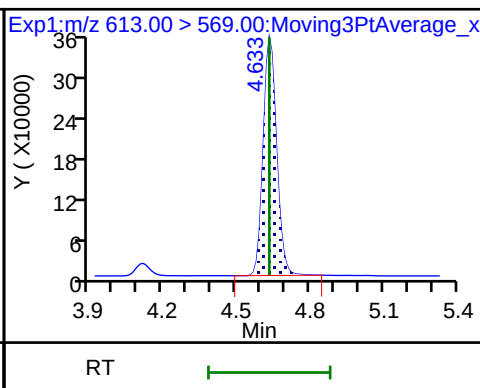
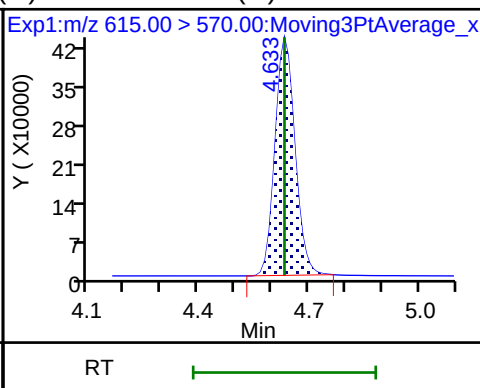
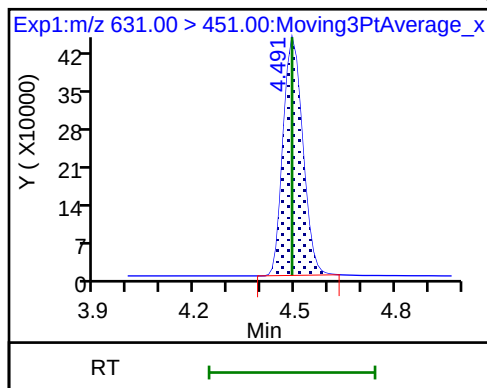
31 Perfluoroundecanoic acid

33 N-ethylperfluorooctanesulfonamid (M) 32 d5-NEtFOSAA



66 11-Chloroeicosafluoro-3-oxaundec (M) 36 13C2 PFDaA (M)

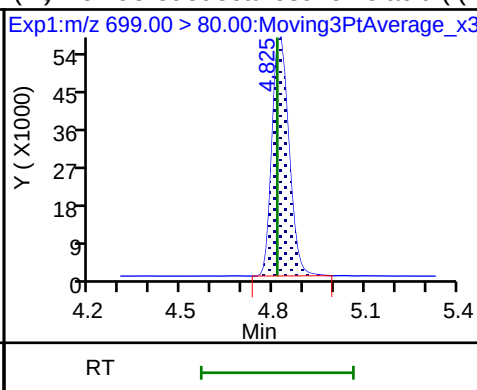
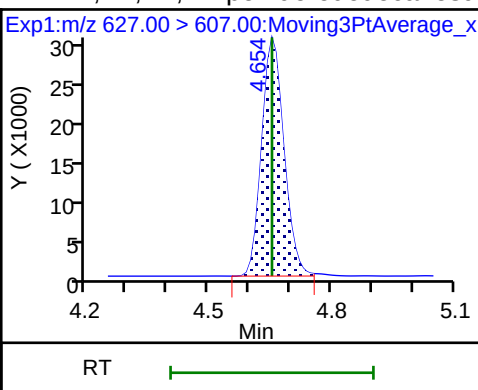
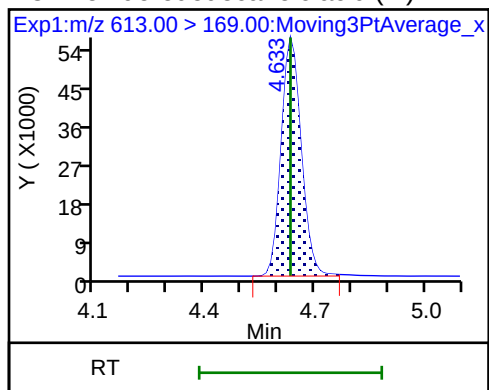
37 Perfluorododecanoic acid



37 Perfluorododecanoic acid (M)

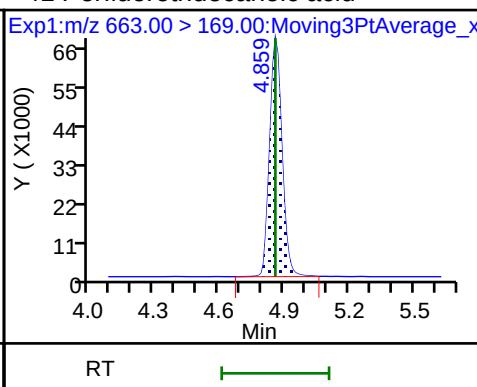
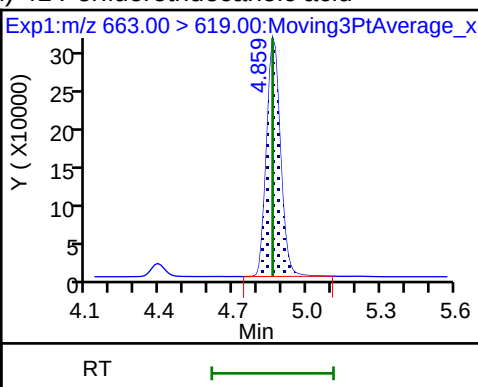
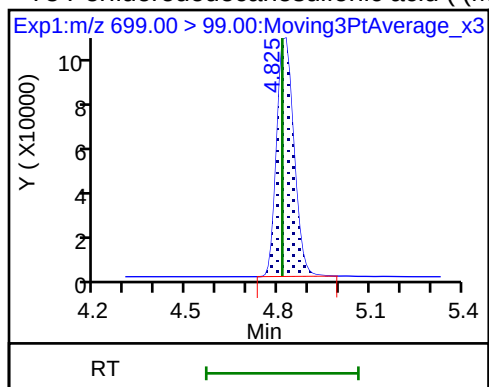
74 1H,1H,2H,2H-perfluorododecanesul (M)

75 Perfluorododecanesulfonic acid (M)



75 Perfluorododecanesulfonic acid (M) 41 Perfluorotridecanoic acid

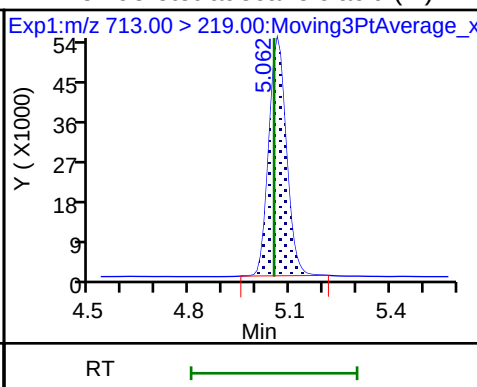
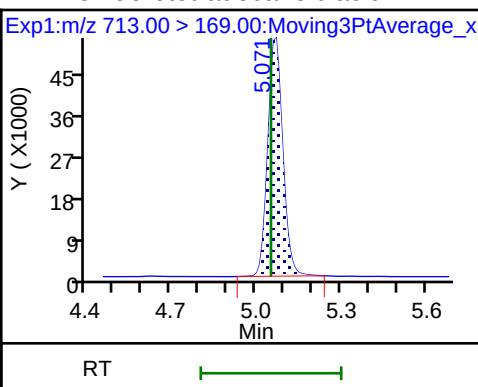
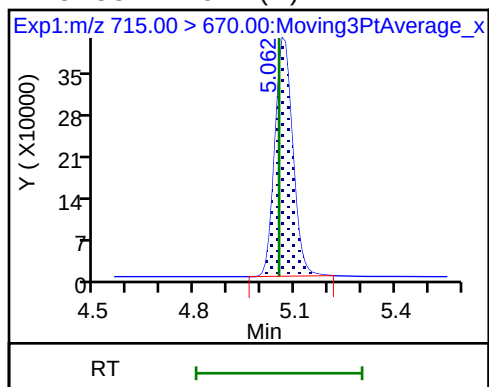
41 Perfluorotridecanoic acid



D 43 13C2 PFTeDA (M)

42 Perfluorotetradecanoic acid

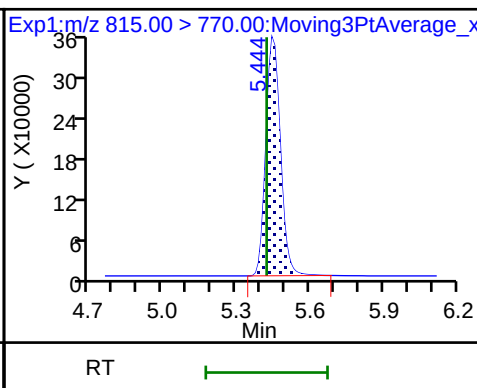
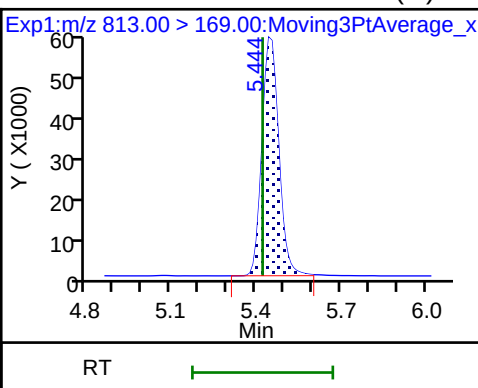
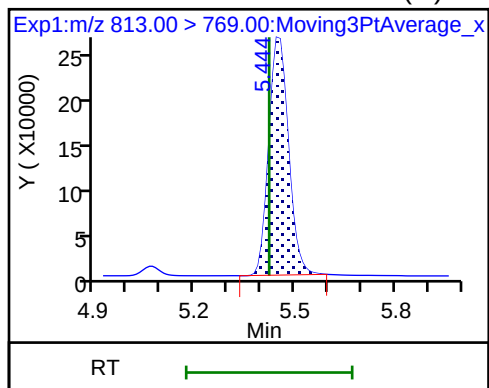
42 Perfluorotetradecanoic acid (M)



45 Perfluorohexadecanoic acid (M)

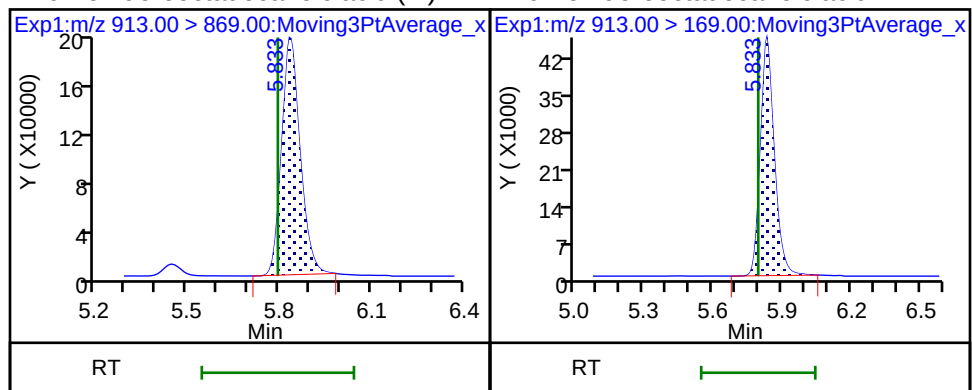
45 Perfluorohexadecanoic acid (M)

D 44 13C2 PFHxDA



46 Perfluorooctadecanoic acid (M)

46 Perfluorooctadecanoic acid



Eurofins Burlington

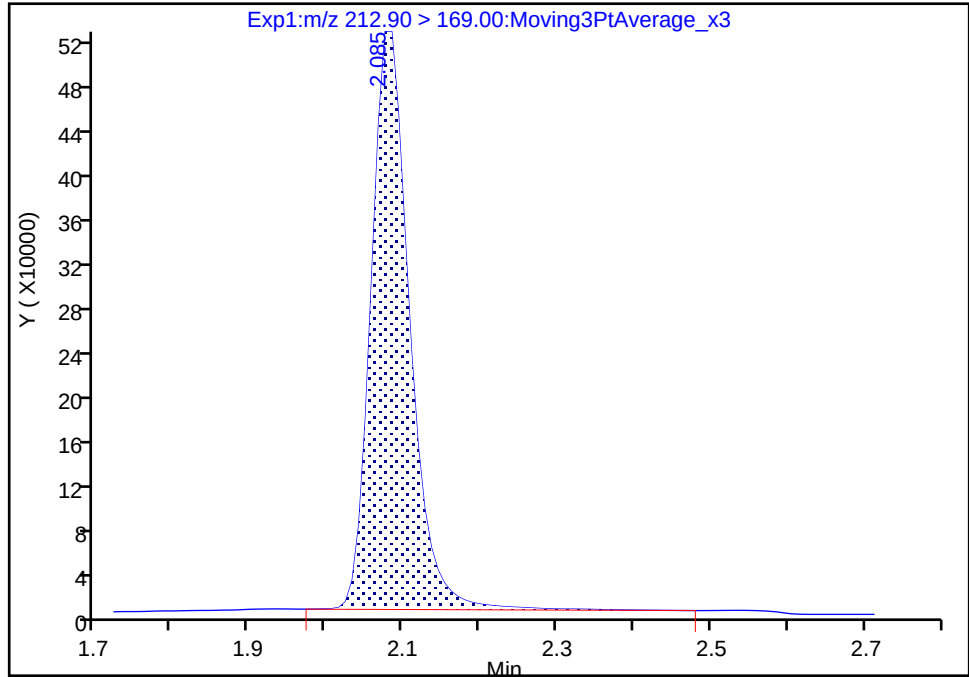
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d
Injection Date: 04-Aug-2022 23:50:44 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

2 Perfluorobutanoic acid, CAS: 375-22-4

Signal: 1

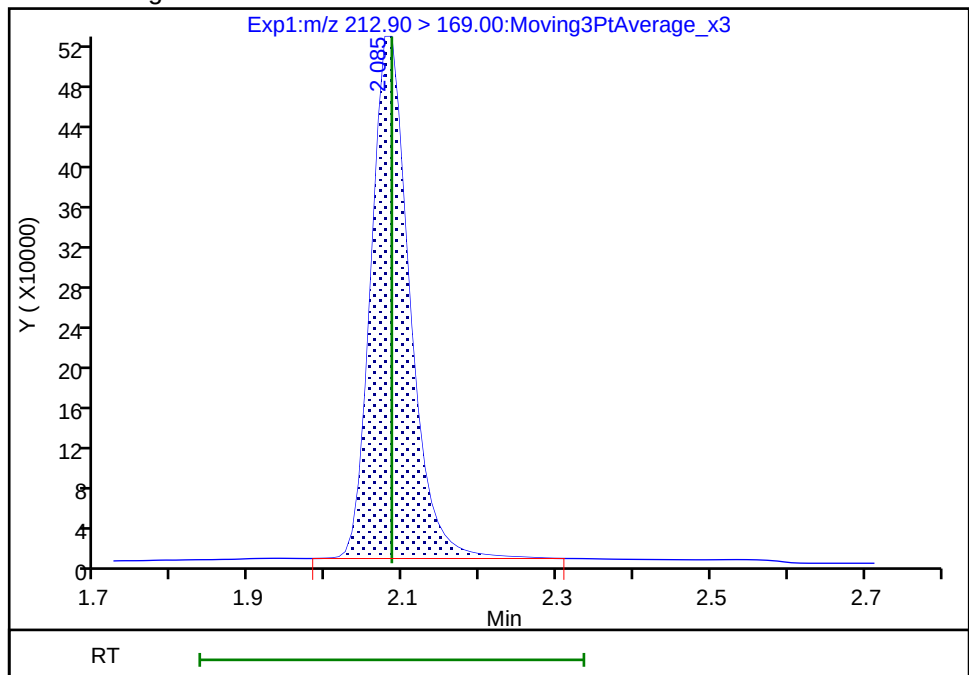
RT: 2.08
Area: 1817693
Amount: 0.949775
Amount Units: ng/ml

Processing Integration Results



RT: 2.08
Area: 1805005
Amount: 0.943145
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:23:39
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

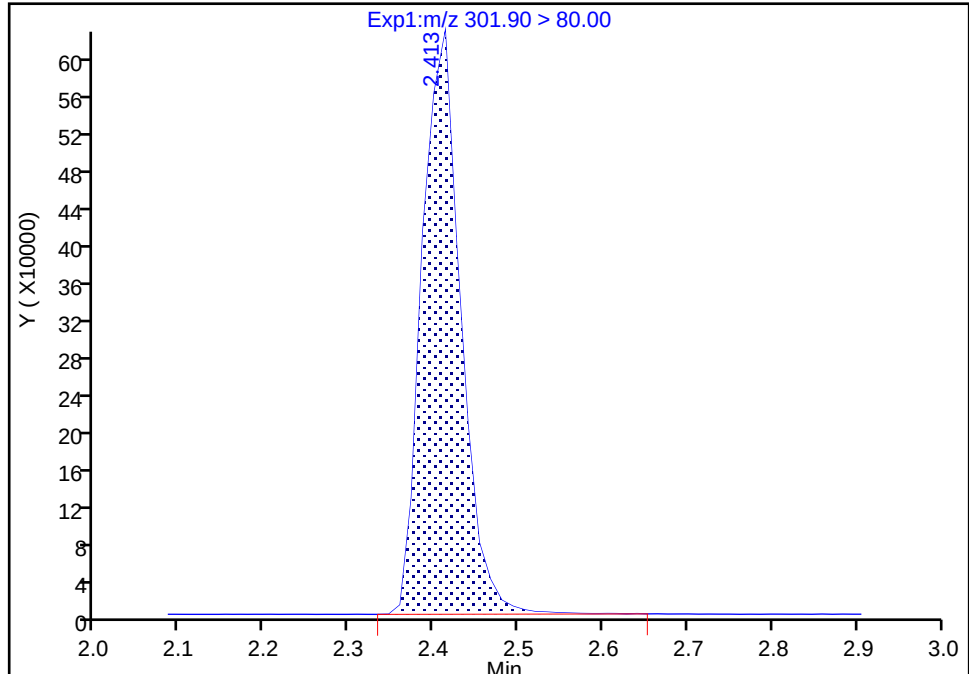
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d
Injection Date: 04-Aug-2022 23:50:44 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 47 13C3 PFBS, CAS: STL02337

Signal: 1

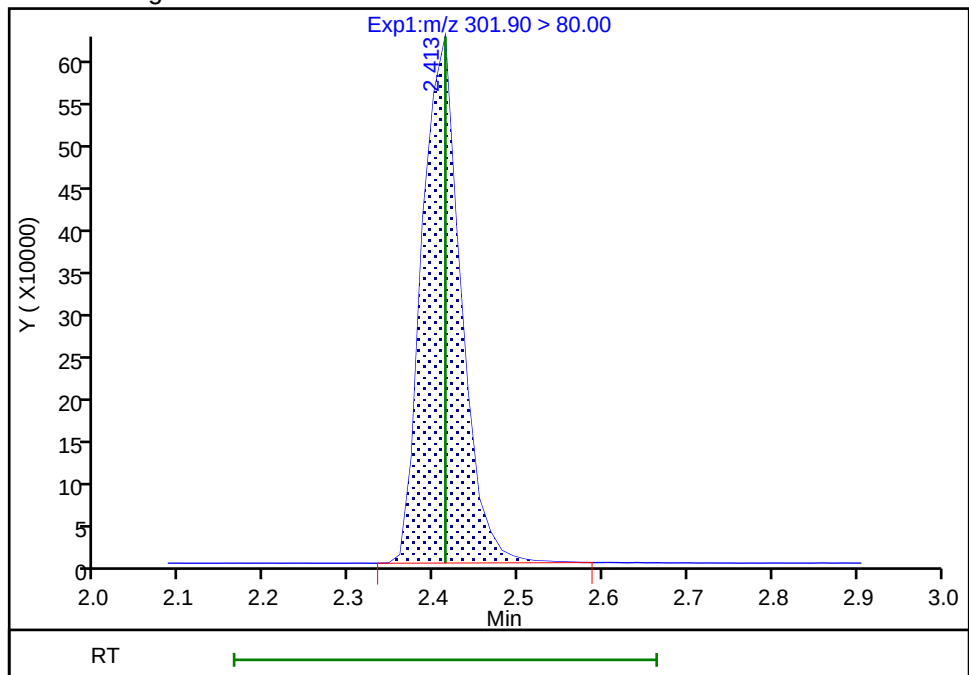
RT: 2.41
Area: 1975097
Amount: 1.089341
Amount Units: ng/ml

Processing Integration Results



RT: 2.41
Area: 1971109
Amount: 1.087142
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:22:37

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

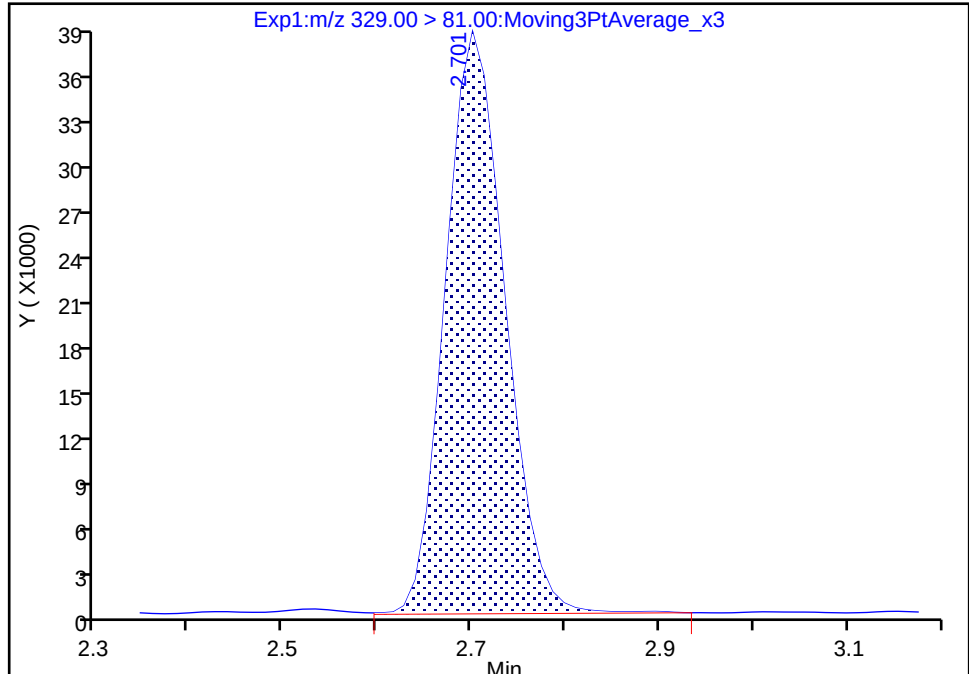
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Injection Date: 04-Aug-2022 23:50:44 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 60 M2-4:2 FTS, CAS: STL02395

Signal: 1

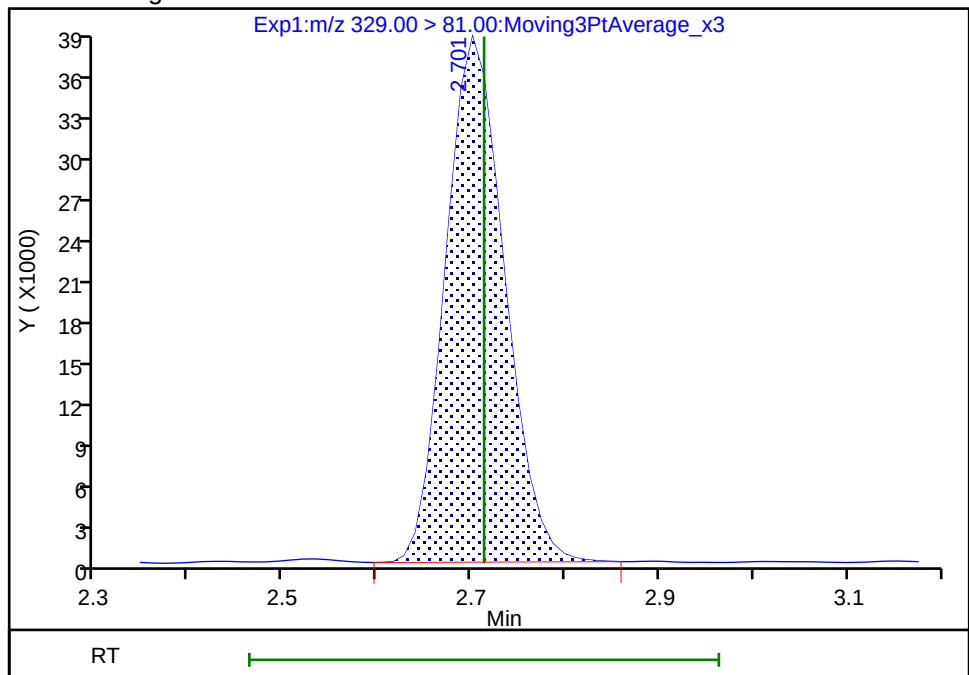
RT: 2.70
Area: 168998
Amount: 1.082699
Amount Units: ng/ml

Processing Integration Results



RT: 2.70
Area: 167370
Amount: 1.072269
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:22:43
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

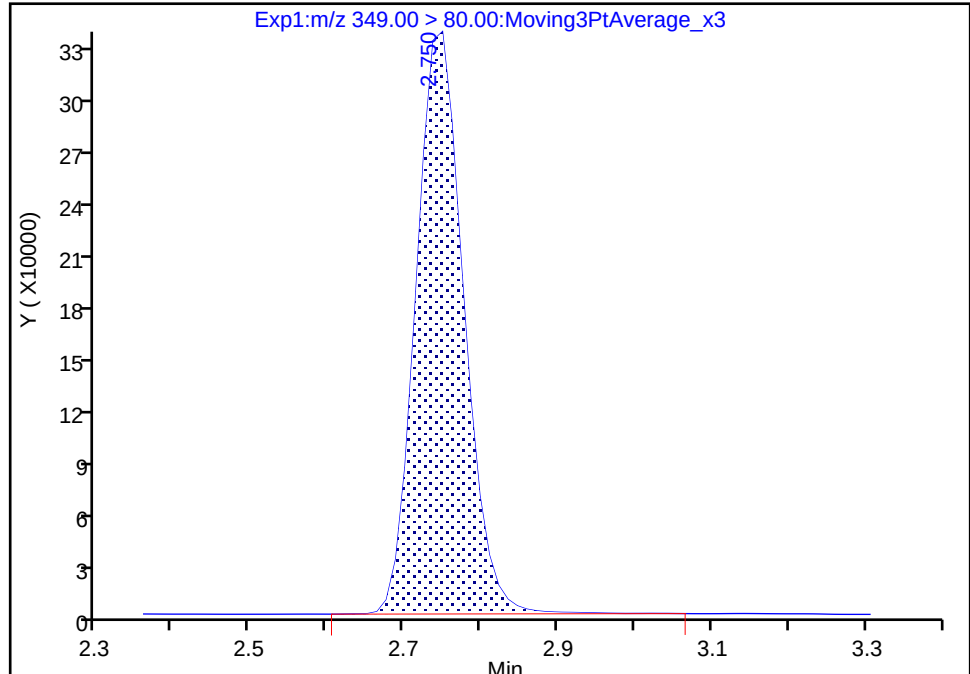
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d
Injection Date: 04-Aug-2022 23:50:44 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

70 Perfluoropentanesulfonic acid, CAS: 2706-91-4

Signal: 1

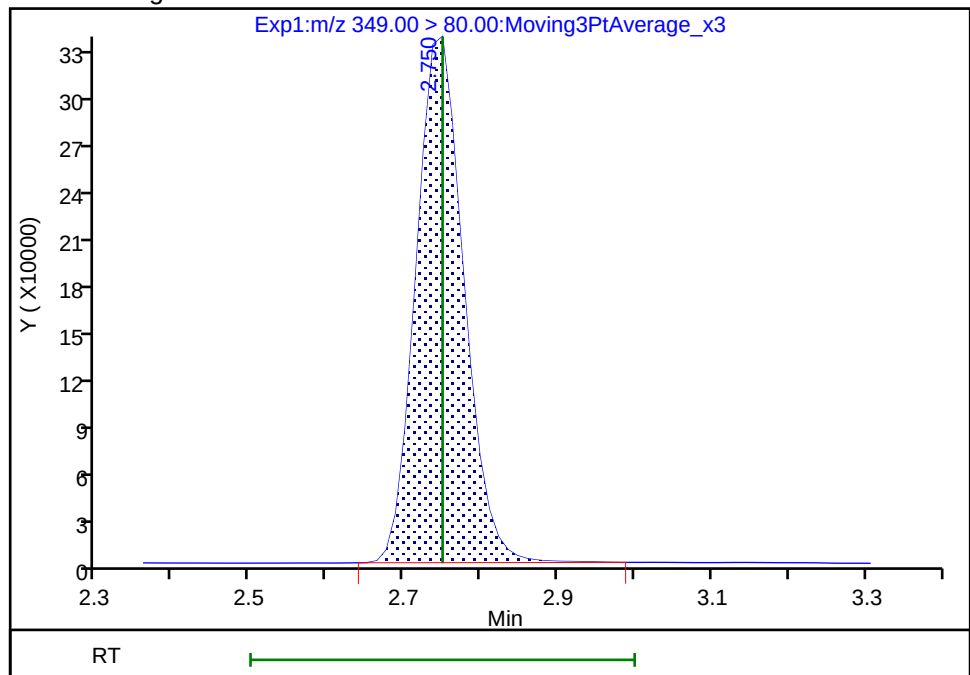
RT: 2.75
Area: 1426527
Amount: 0.907217
Amount Units: ng/ml

Processing Integration Results



RT: 2.75
Area: 1422882
Amount: 0.904899
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:23:53
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

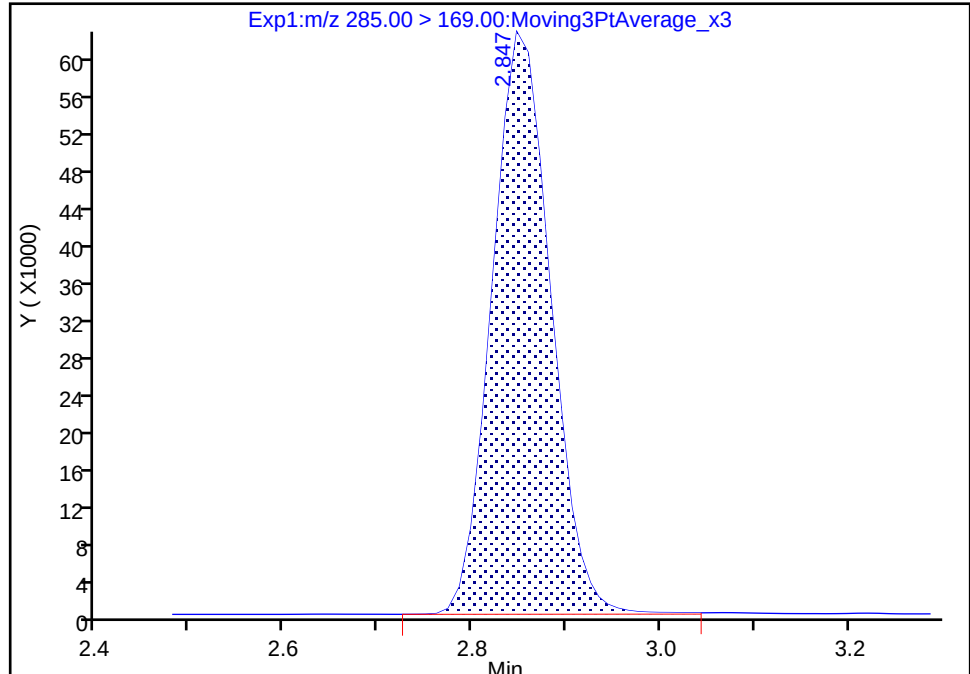
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d
Injection Date: 04-Aug-2022 23:50:44 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

67 Perfluoro(2-propoxypropanoic) ac, CAS: 13252-13-6

Signal: 1

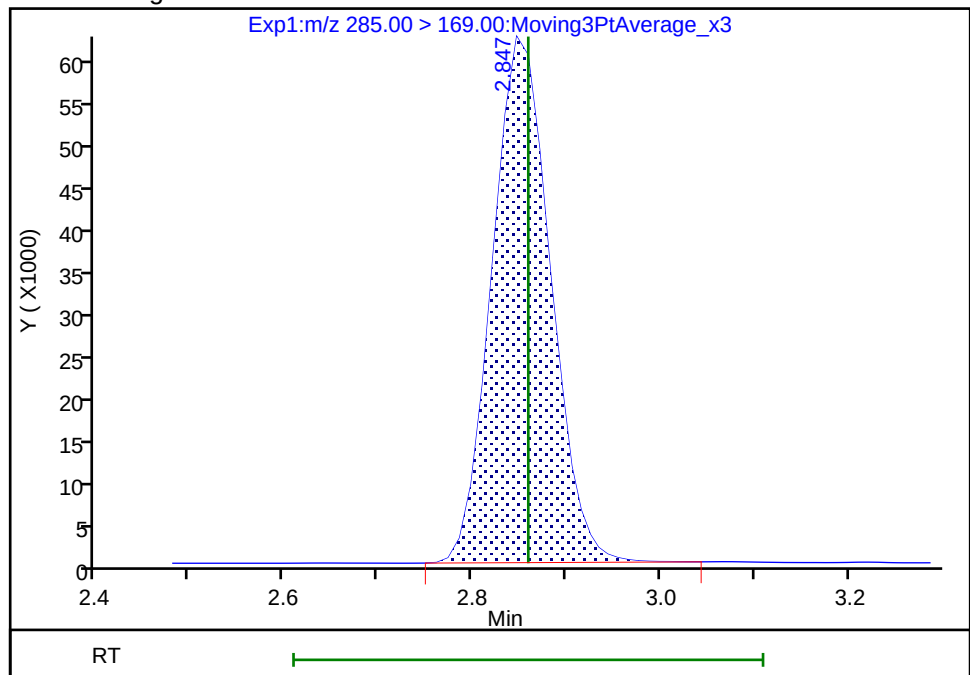
RT: 2.85
Area: 271795
Amount: 0.887898
Amount Units: ng/ml

Processing Integration Results



RT: 2.85
Area: 270484
Amount: 0.883616
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:23:59
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

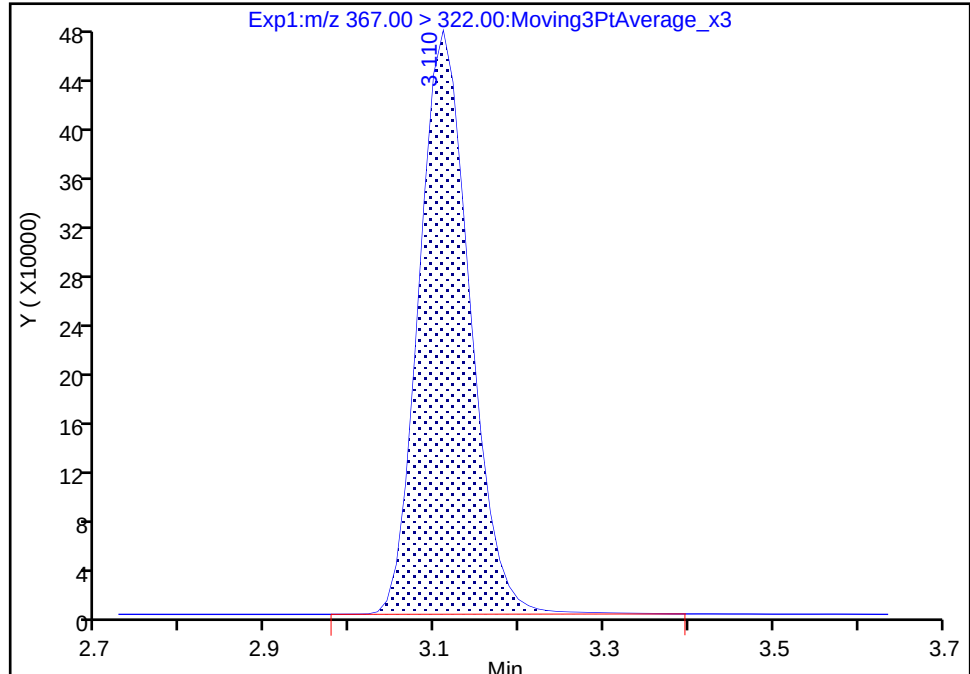
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d
Injection Date: 04-Aug-2022 23:50:44 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 9 13C4 PFHpA, CAS: STL01892

Signal: 1

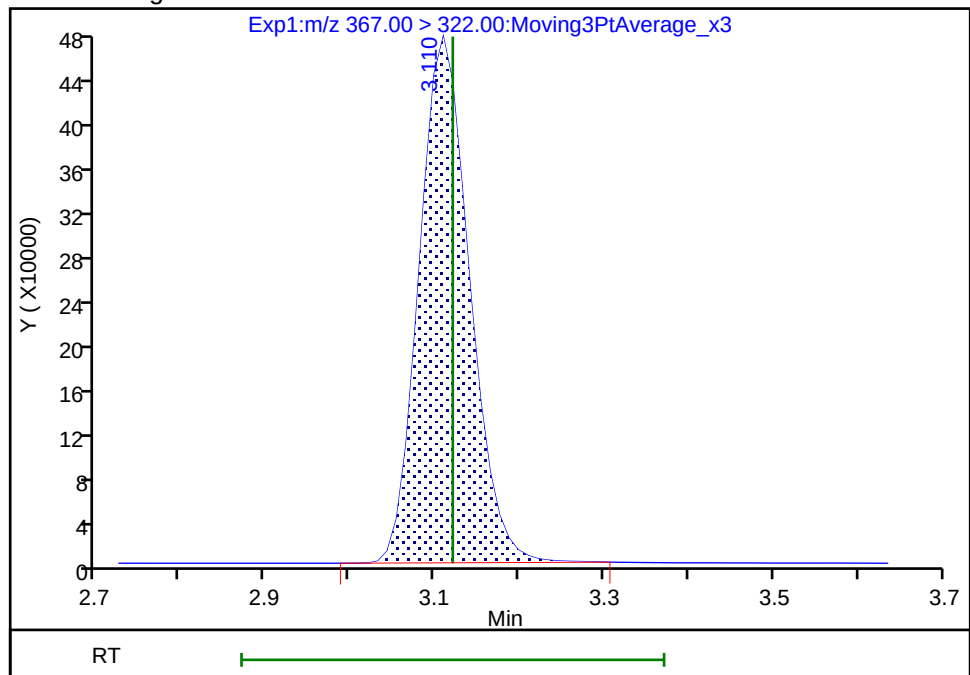
RT: 3.11
Area: 1961292
Amount: 1.208656
Amount Units: ng/ml

Processing Integration Results



RT: 3.11
Area: 1953257
Amount: 1.203704
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:52:29

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

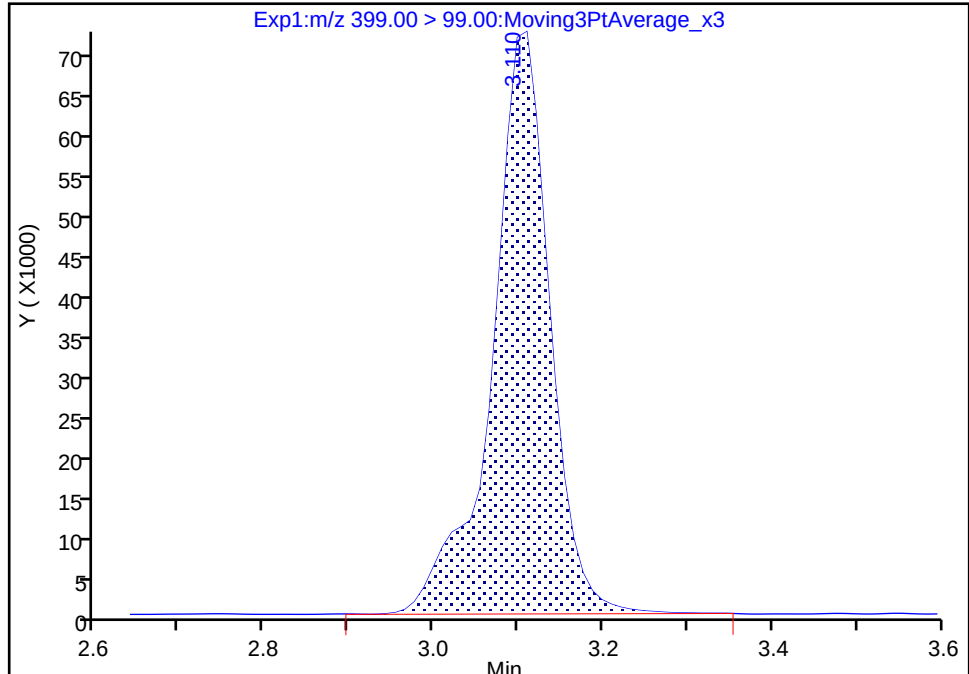
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d
Injection Date: 04-Aug-2022 23:50:44 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 2

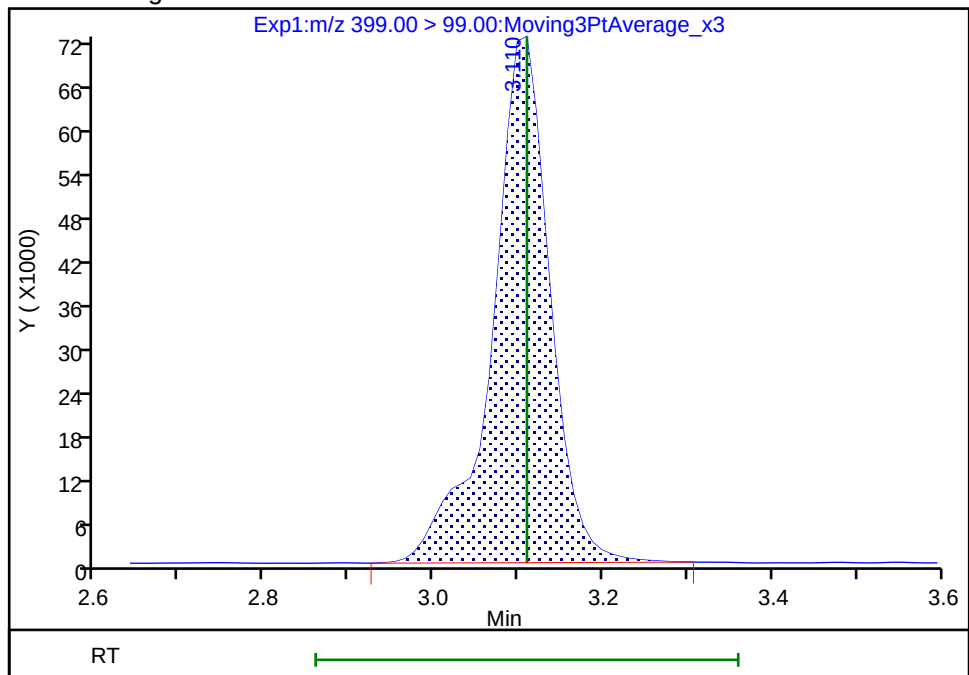
RT: 3.11
Area: 342140
Amount: 0.874835
Amount Units: ng/ml

Processing Integration Results



RT: 3.11
Area: 341318
Amount: 0.874835
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:24:08
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

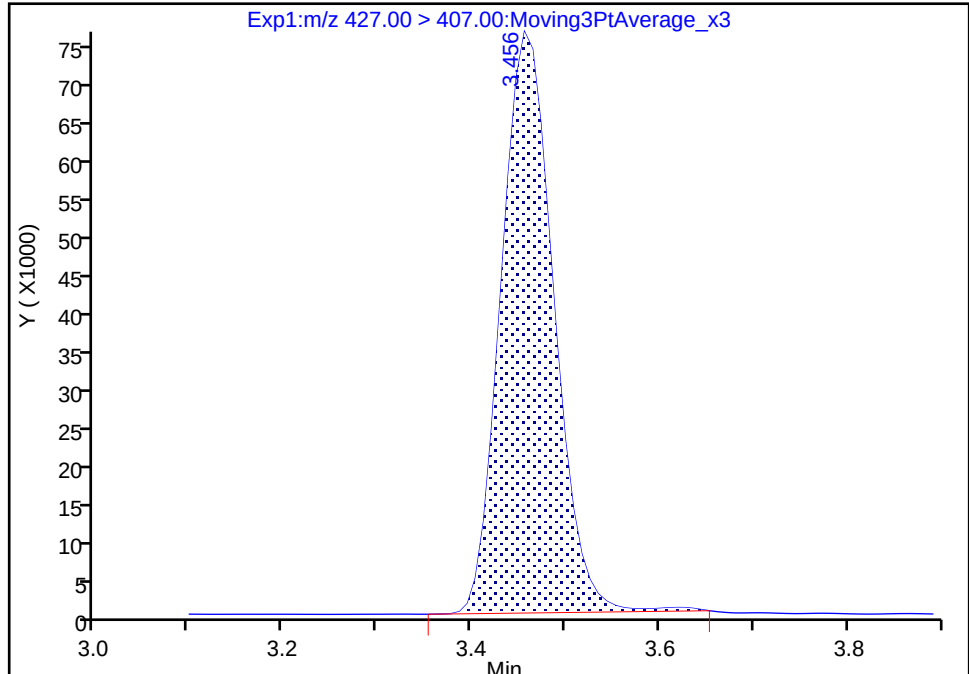
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d
Injection Date: 04-Aug-2022 23:50:44 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

13 1H,1H,2H,2H-perfluorooctanesulfo, CAS: 27619-97-2

Signal: 1

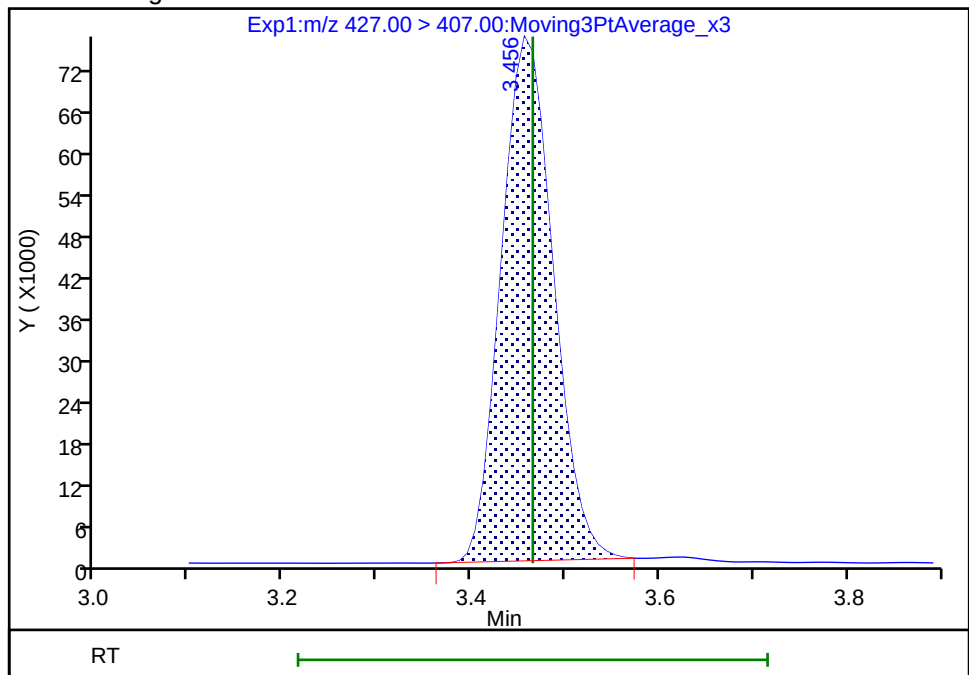
RT: 3.46
Area: 296800
Amount: 0.998612
Amount Units: ng/ml

Processing Integration Results



RT: 3.46
Area: 292734
Amount: 0.984701
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:52:40
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

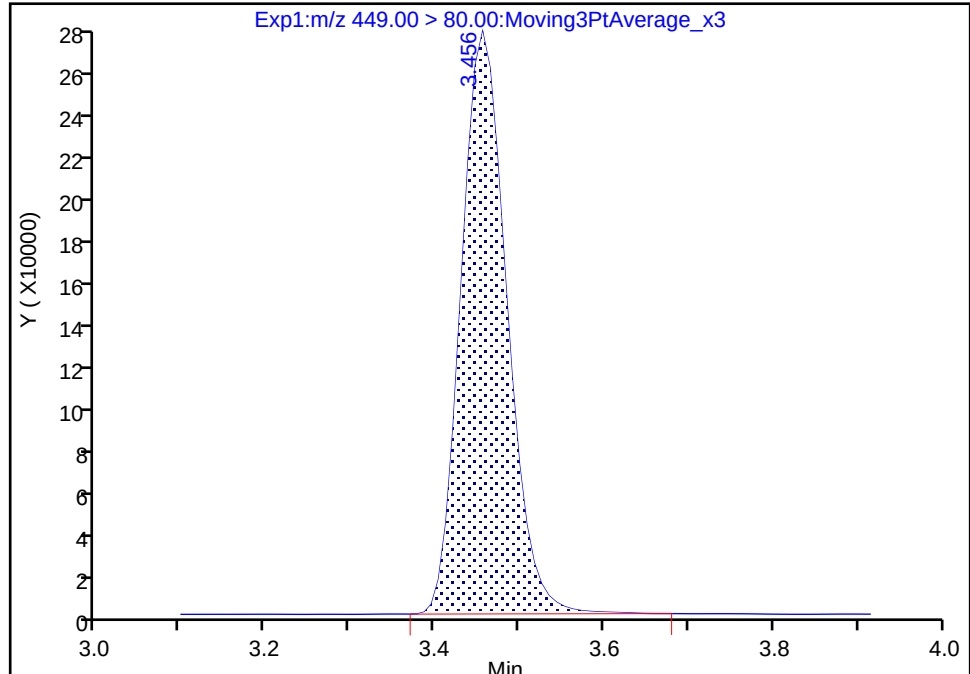
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d
Injection Date: 04-Aug-2022 23:50:44 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

16 Perfluoroheptanesulfonic acid, CAS: 375-92-8

Signal: 1

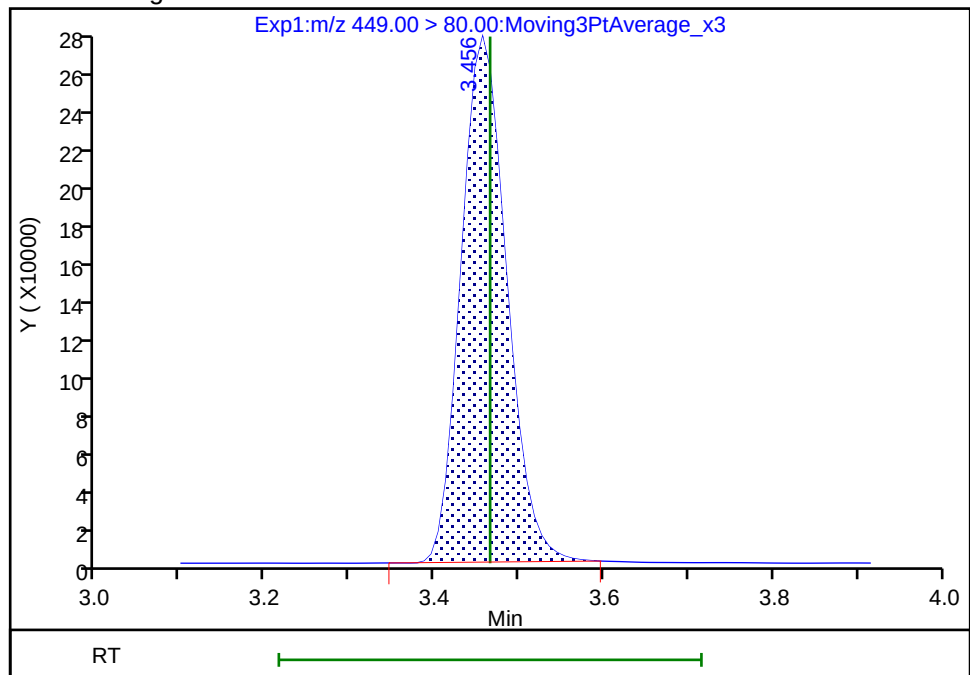
RT: 3.46
Area: 1025872
Amount: 0.956562
Amount Units: ng/ml

Processing Integration Results



RT: 3.46
Area: 1017791
Amount: 0.949027
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:52:46
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

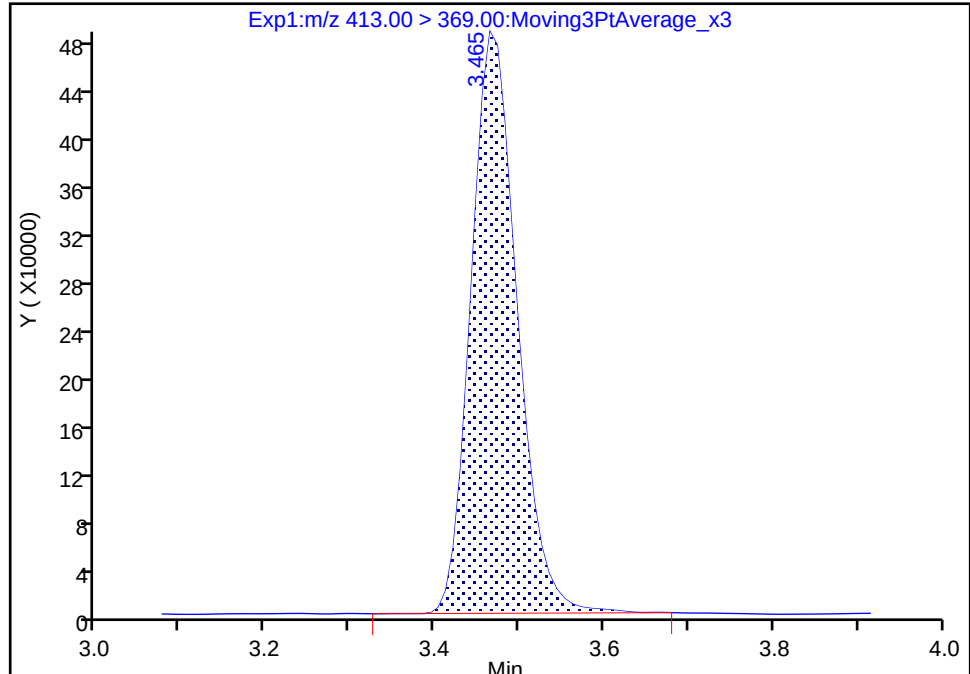
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Injection Date: 04-Aug-2022 23:50:44 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 1

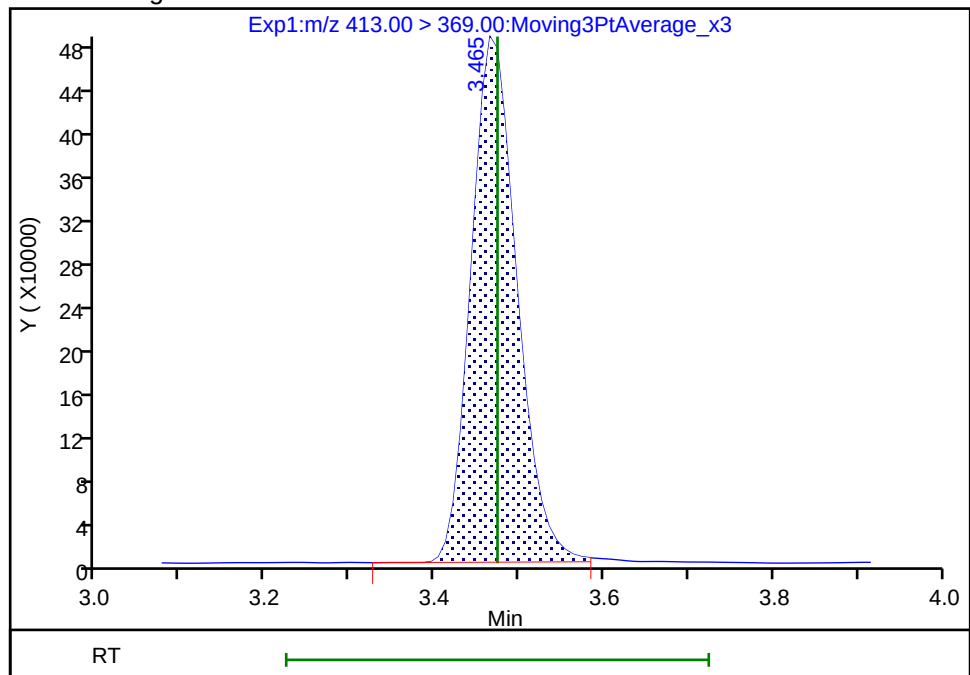
RT: 3.46
Area: 1820513
Amount: 0.975958
Amount Units: ng/ml

Processing Integration Results



RT: 3.46
Area: 1811970
Amount: 0.971378
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:24:36
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d

Injection Date: 04-Aug-2022 23:50:44

Instrument ID: LC812

Lims ID: CCV L4

Client ID:

Operator ID: lc812tech

ALS Bottle#:

25

Worklist Smp#: 25

Injection Vol: 20.0 ul

Dil. Factor:

1.0000

Method: PFC_LC812

Limit Group:

LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

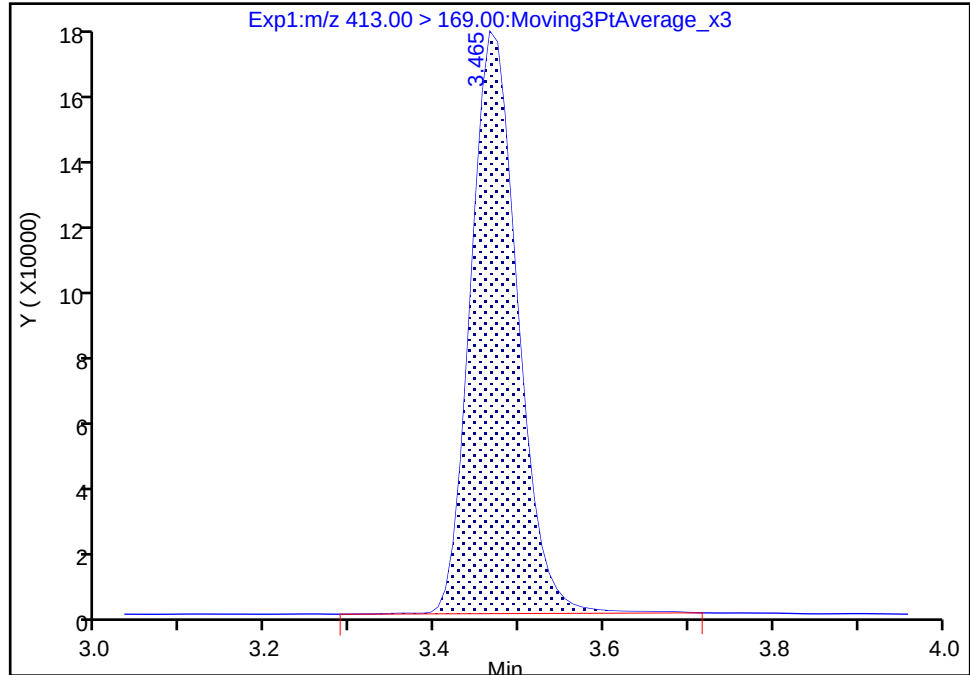
EXP1

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 2

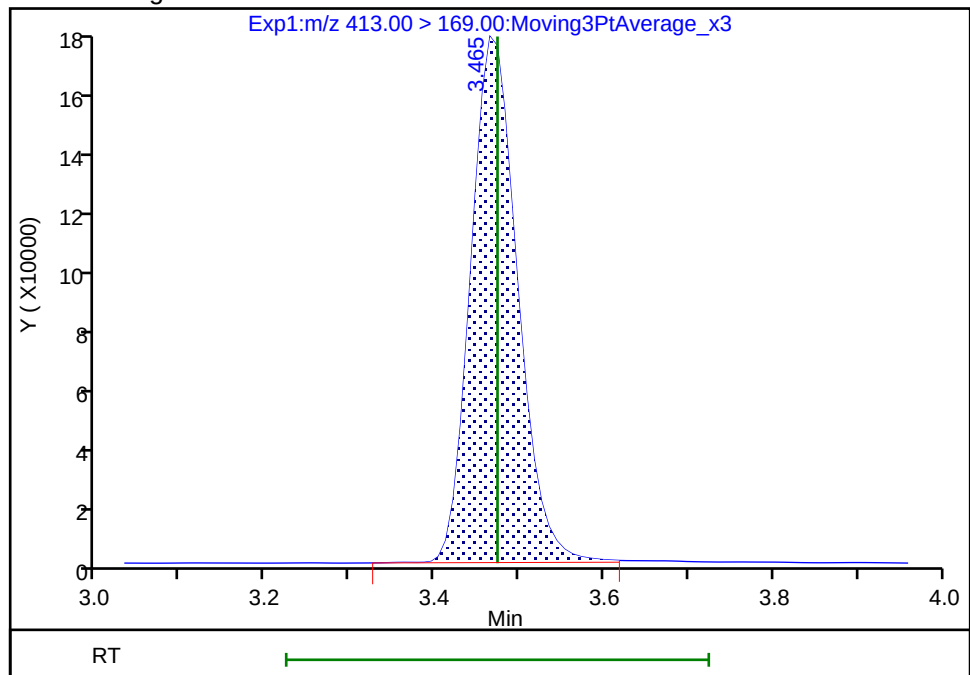
RT: 3.46
Area: 661364
Amount: 0.975958
Amount Units: ng/ml

Processing Integration Results



RT: 3.46
Area: 659396
Amount: 0.971378
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:24:45

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

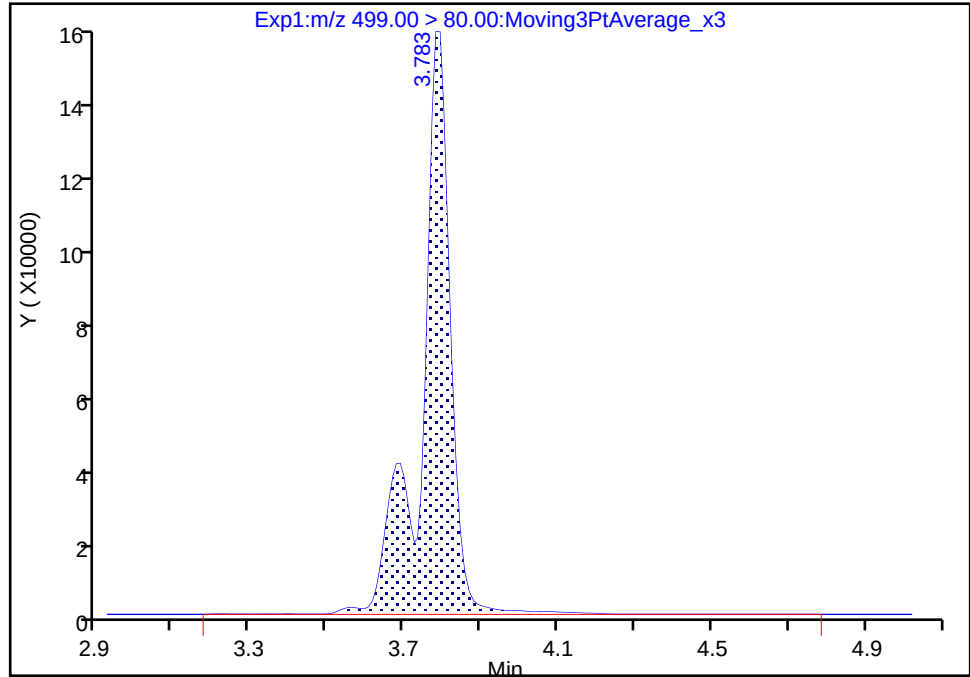
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d
Injection Date: 04-Aug-2022 23:50:44 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 1

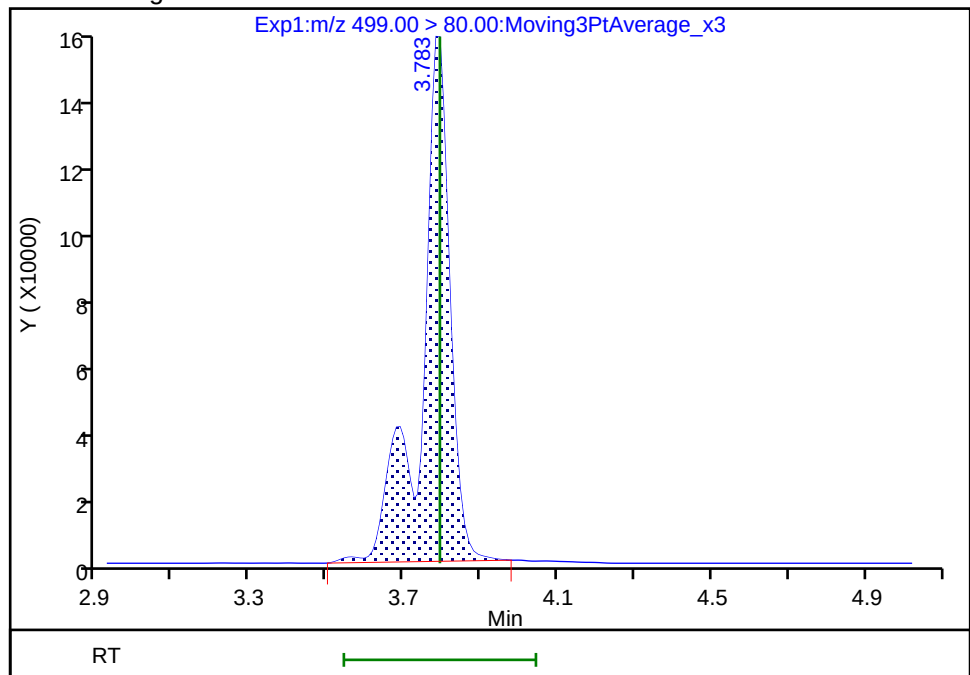
RT: 3.78
Area: 843145
Amount: 0.958191
Amount Units: ng/ml

Processing Integration Results



RT: 3.78
Area: 820577
Amount: 0.932049
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:24:57

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

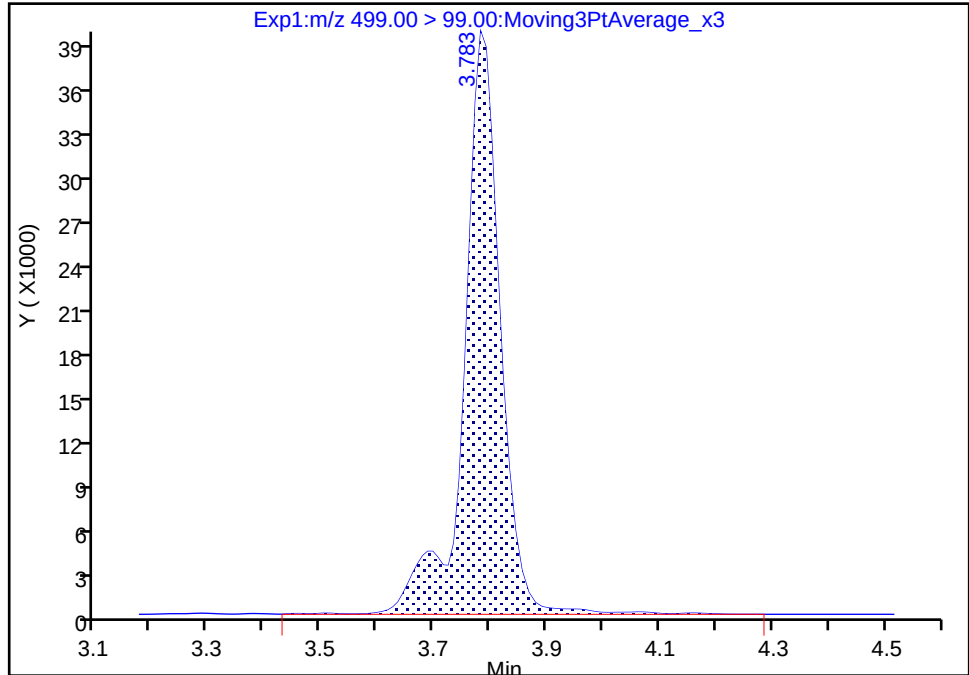
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d
Injection Date: 04-Aug-2022 23:50:44 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 2

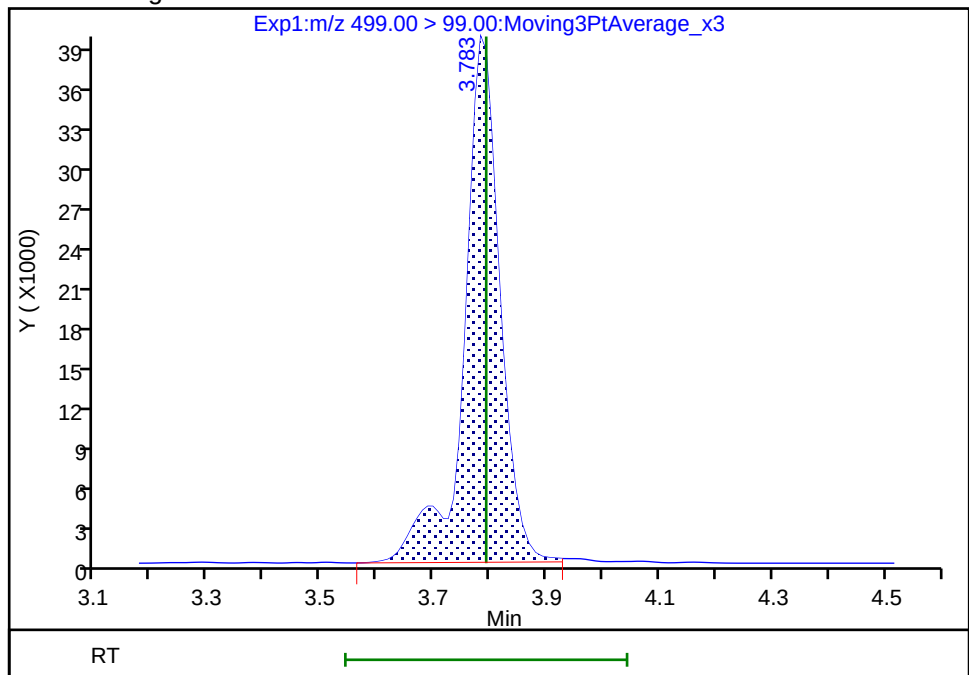
RT: 3.78
Area: 175917
Amount: 0.958191
Amount Units: ng/ml

Processing Integration Results



RT: 3.78
Area: 172149
Amount: 0.932049
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:25:07

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

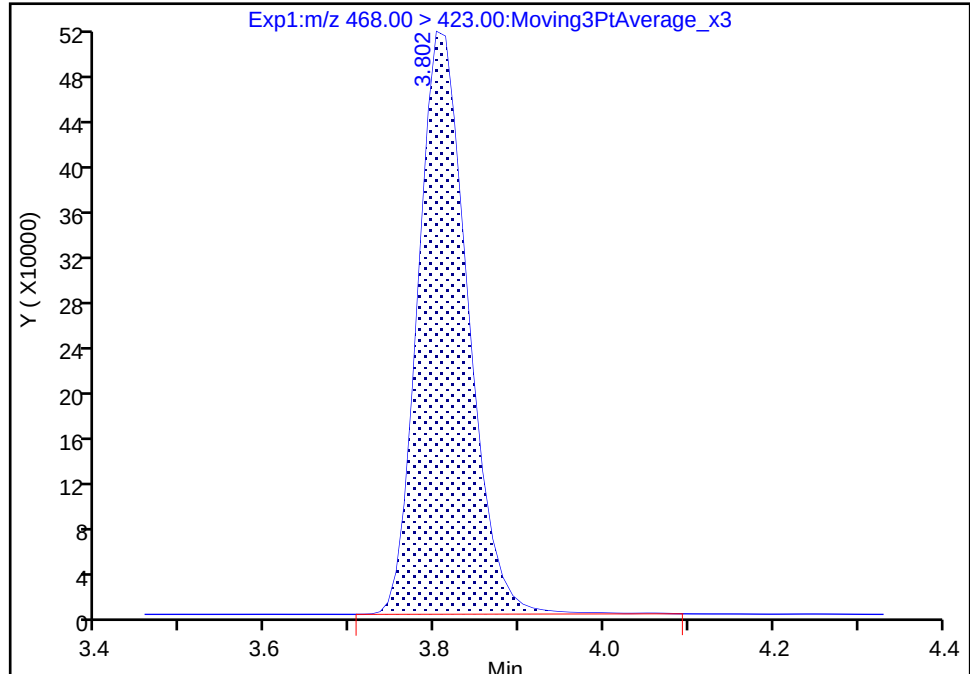
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d
Injection Date: 04-Aug-2022 23:50:44 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 19 13C5 PFNA, CAS: STL00995

Signal: 1

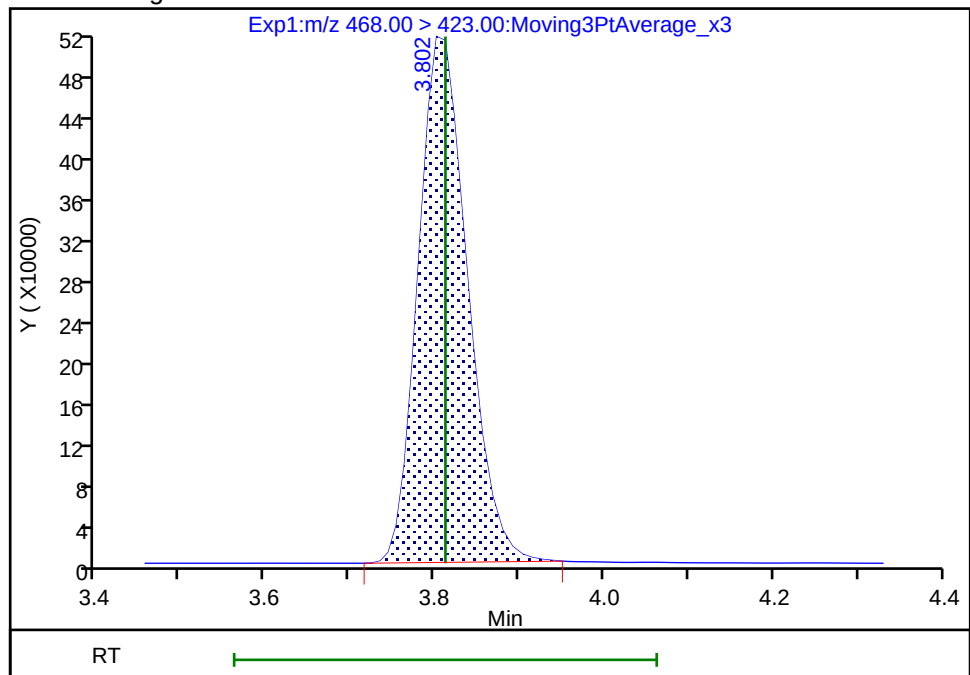
RT: 3.80
Area: 2112043
Amount: 1.223494
Amount Units: ng/ml

Processing Integration Results



RT: 3.80
Area: 2094034
Amount: 1.213061
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:53:09

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

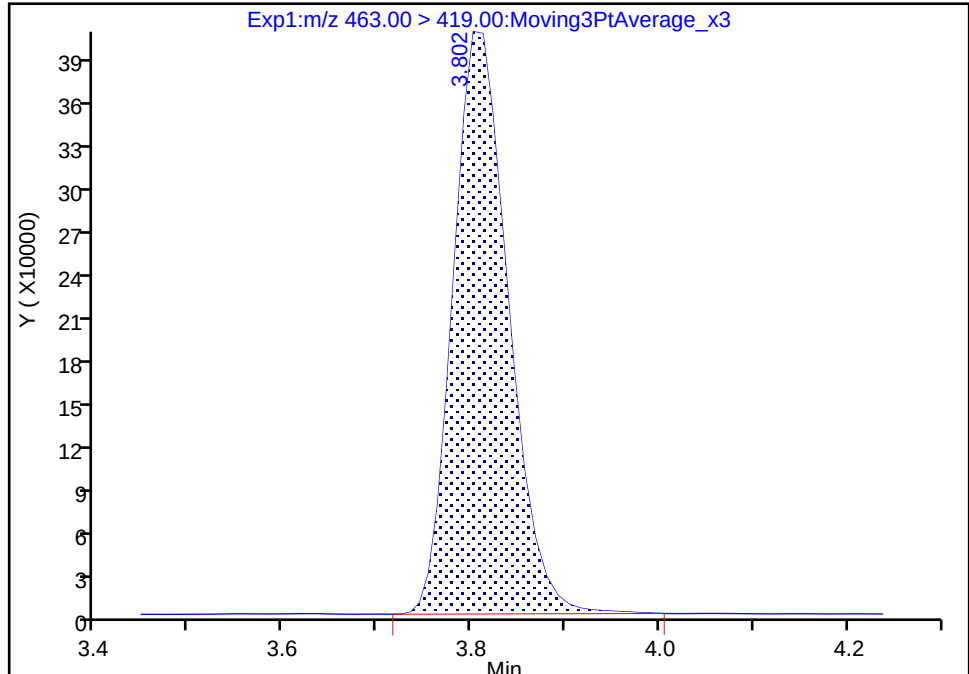
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d
Injection Date: 04-Aug-2022 23:50:44 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

20 Perfluorononanoic acid, CAS: 375-95-1

Signal: 1

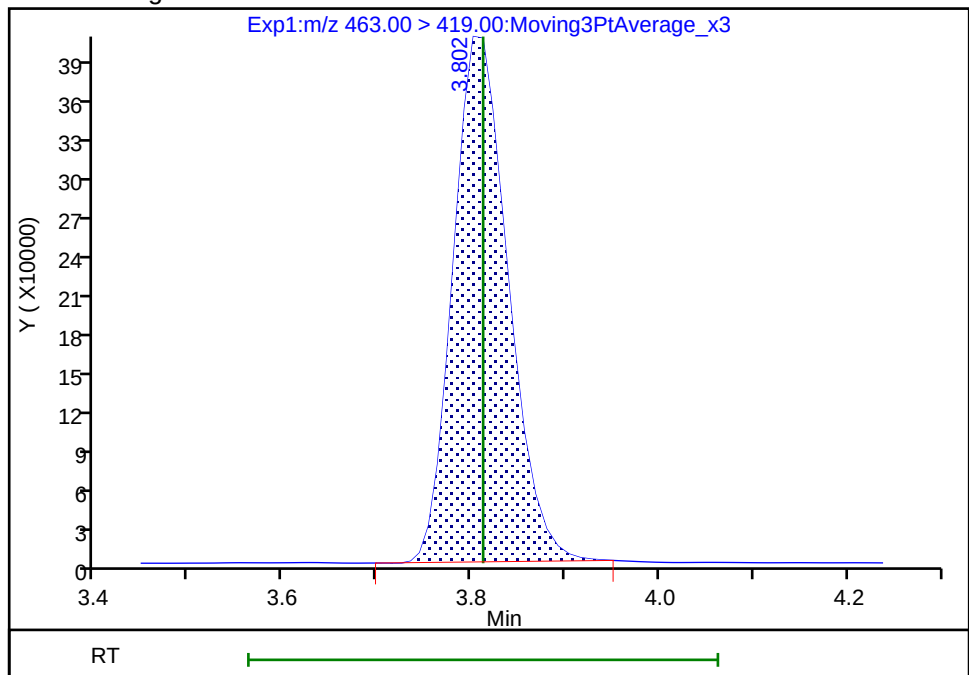
RT: 3.80
Area: 1663985
Amount: 0.970184
Amount Units: ng/ml

Processing Integration Results



RT: 3.80
Area: 1648398
Amount: 0.967070
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:53:03
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

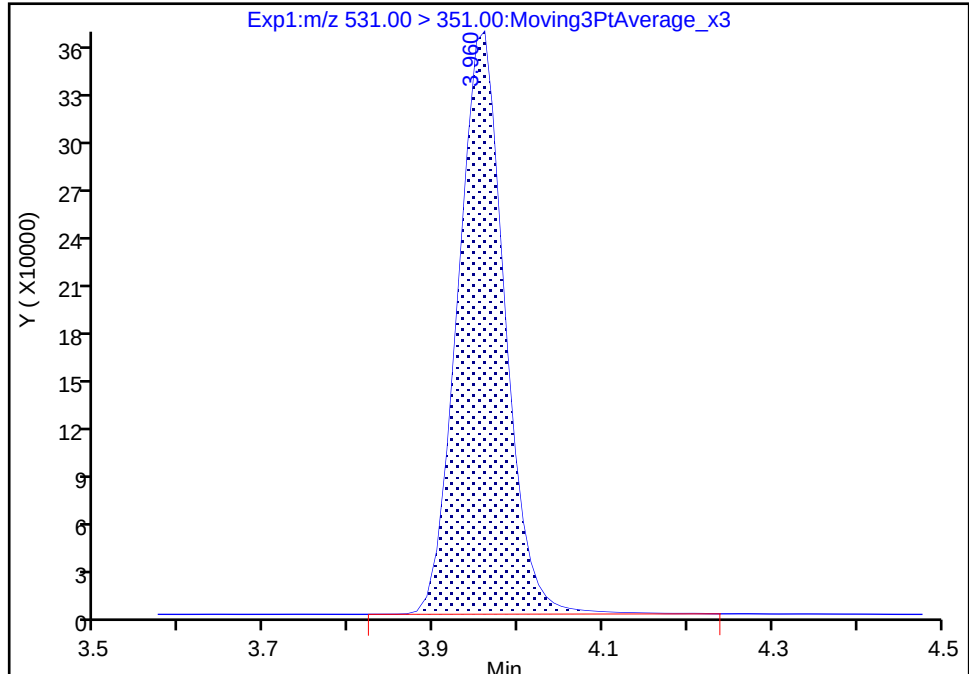
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d
Injection Date: 04-Aug-2022 23:50:44 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

69 9-Chlorohexadecafluoro-3-oxanona, CAS: 756426-58-1

Signal: 1

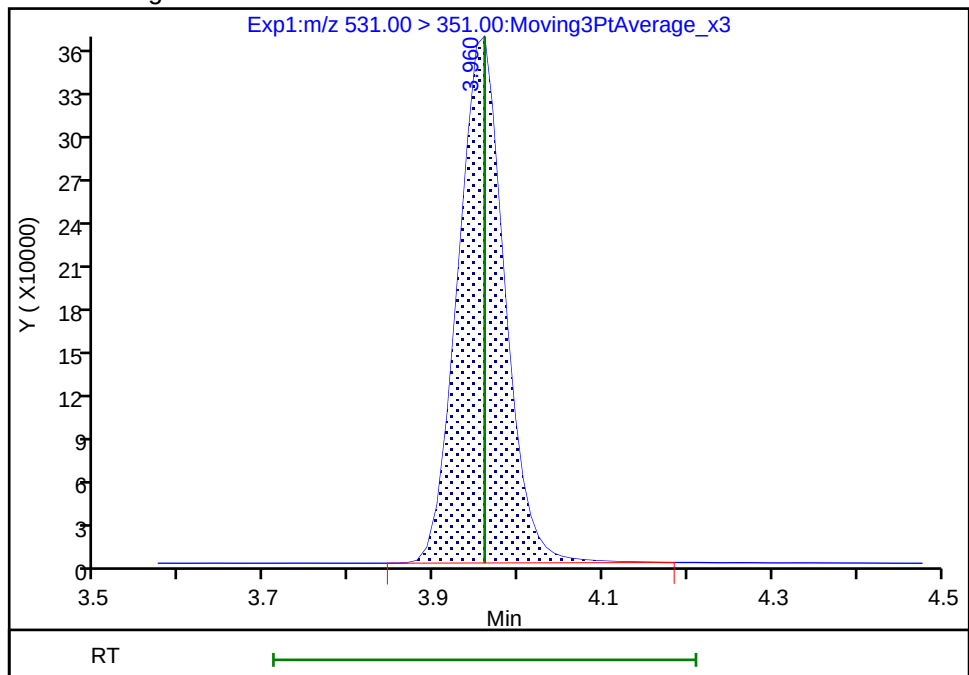
RT: 3.96
Area: 1406860
Amount: 0.917867
Amount Units: ng/ml

Processing Integration Results



RT: 3.96
Area: 1404192
Amount: 0.916127
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:25:16
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

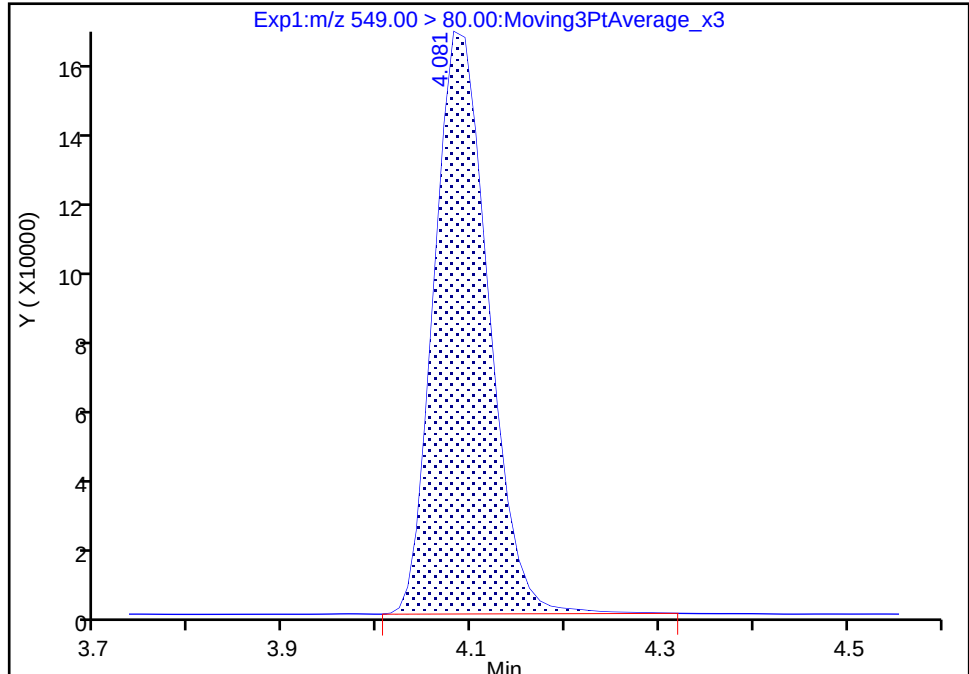
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d
Injection Date: 04-Aug-2022 23:50:44 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

68 Perfluoronanesulfonic acid, CAS: 68259-12-1

Signal: 1

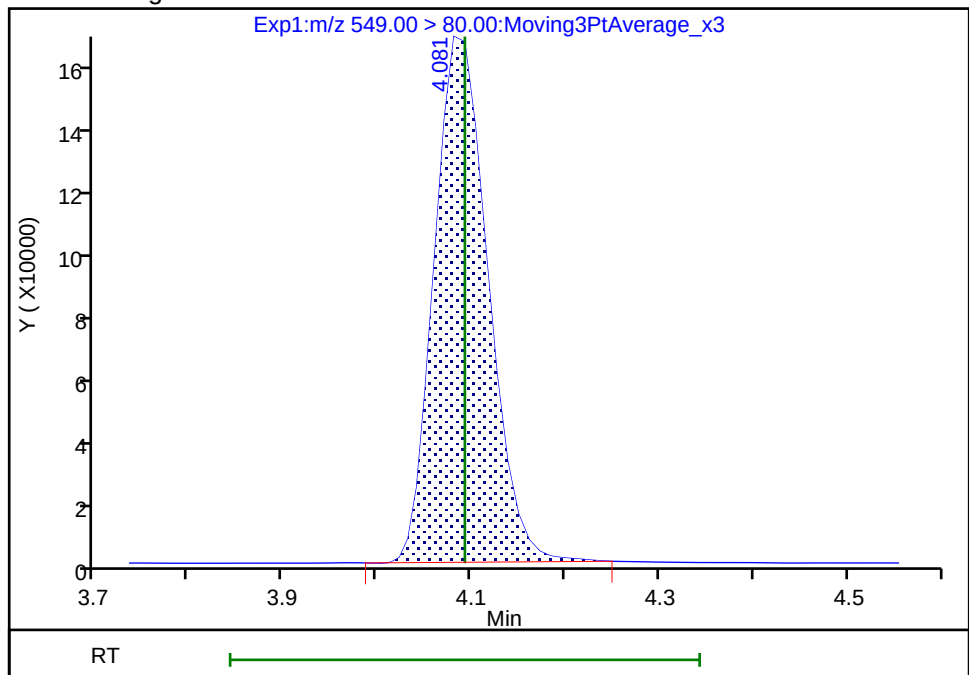
RT: 4.08
Area: 660692
Amount: 0.972509
Amount Units: ng/ml

Processing Integration Results



RT: 4.08
Area: 656435
Amount: 0.966243
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:53:16
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

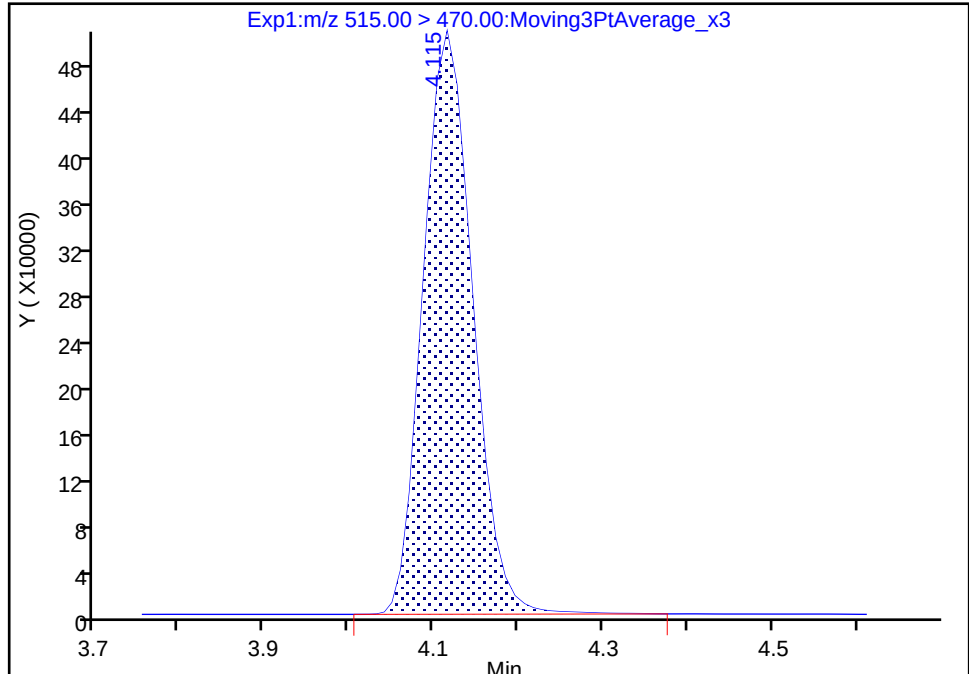
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d
Injection Date: 04-Aug-2022 23:50:44 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 23 13C2 PFDA, CAS: STL00996

Signal: 1

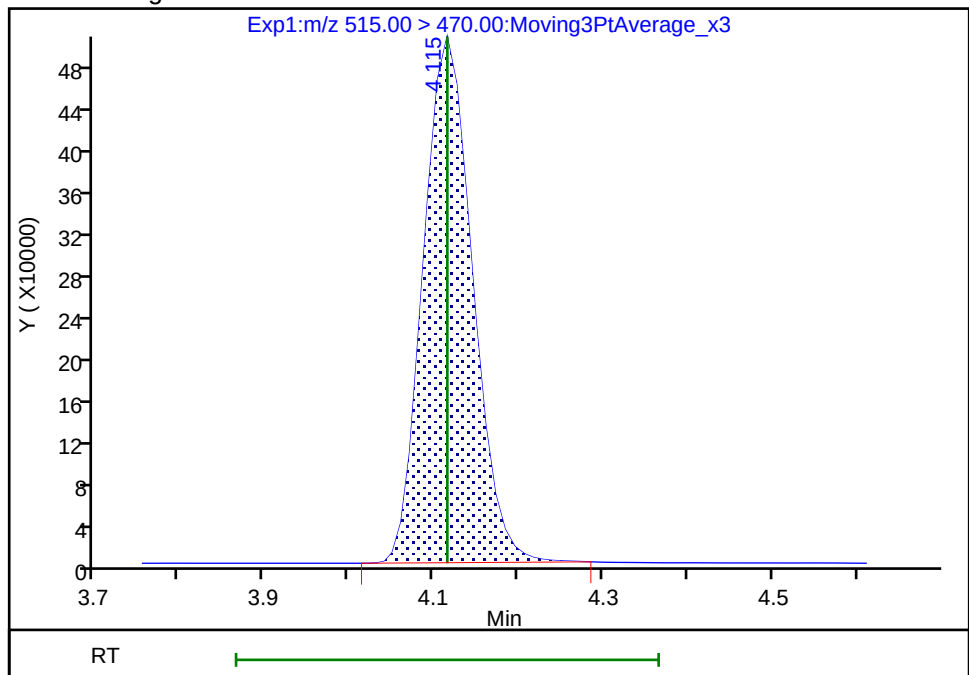
RT: 4.12
Area: 2066951
Amount: 1.230302
Amount Units: ng/ml

Processing Integration Results



RT: 4.12
Area: 2056211
Amount: 1.223909
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:53:26
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

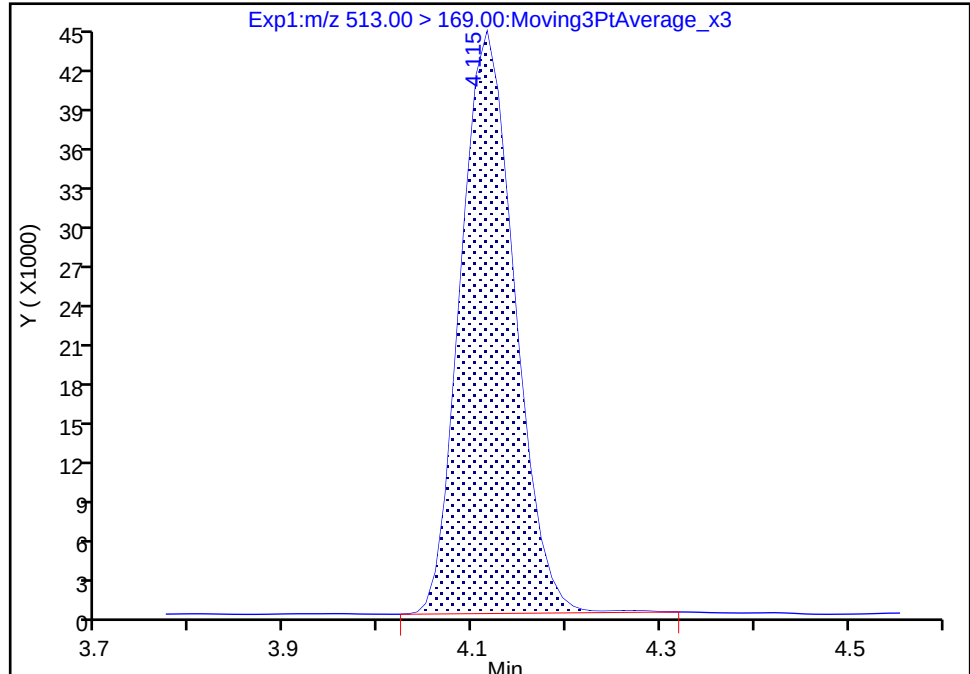
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d
Injection Date: 04-Aug-2022 23:50:44 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

24 Perfluorodecanoic acid, CAS: 335-76-2

Signal: 2

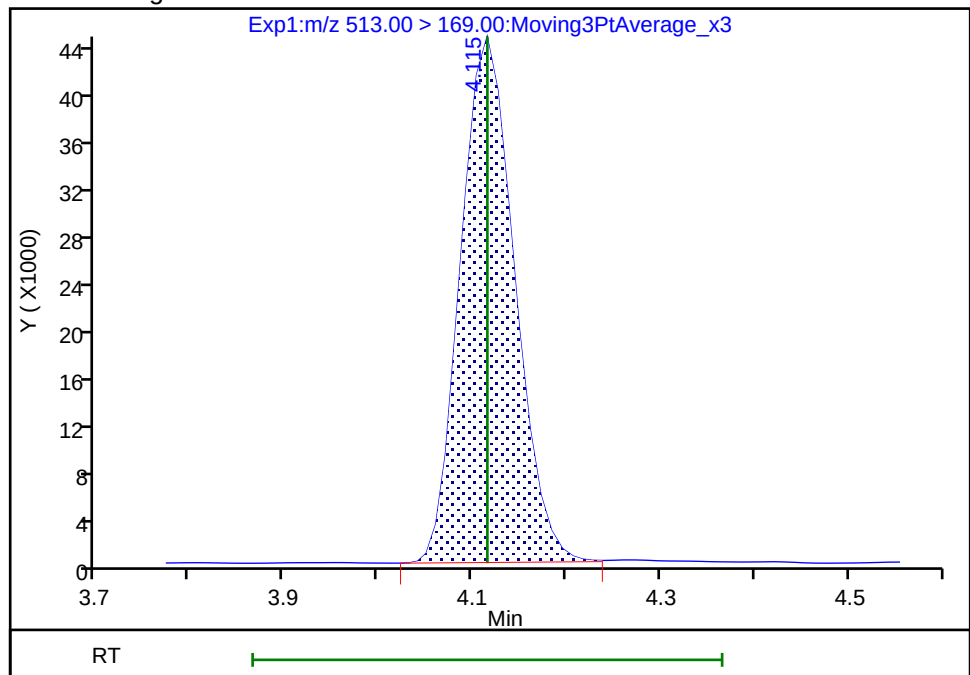
RT: 4.12
Area: 179440
Amount: 0.949230
Amount Units: ng/ml

Processing Integration Results



RT: 4.12
Area: 179042
Amount: 0.954188
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:25:24
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

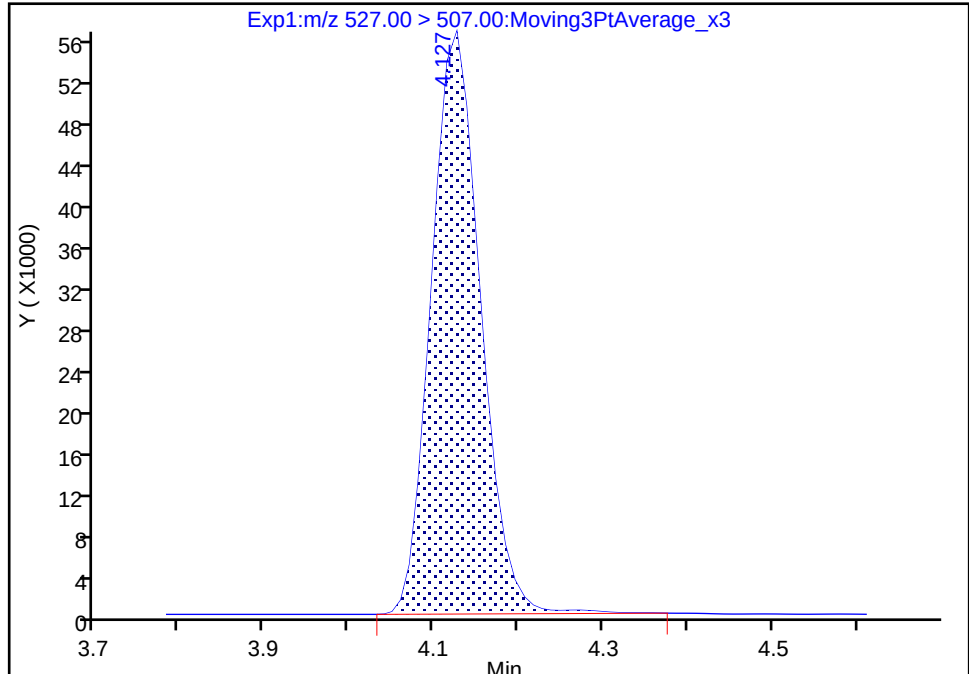
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d
Injection Date: 04-Aug-2022 23:50:44 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

25 1H,1H,2H,2H-perfluorodecanesulfo, CAS: 39108-34-4

Signal: 1

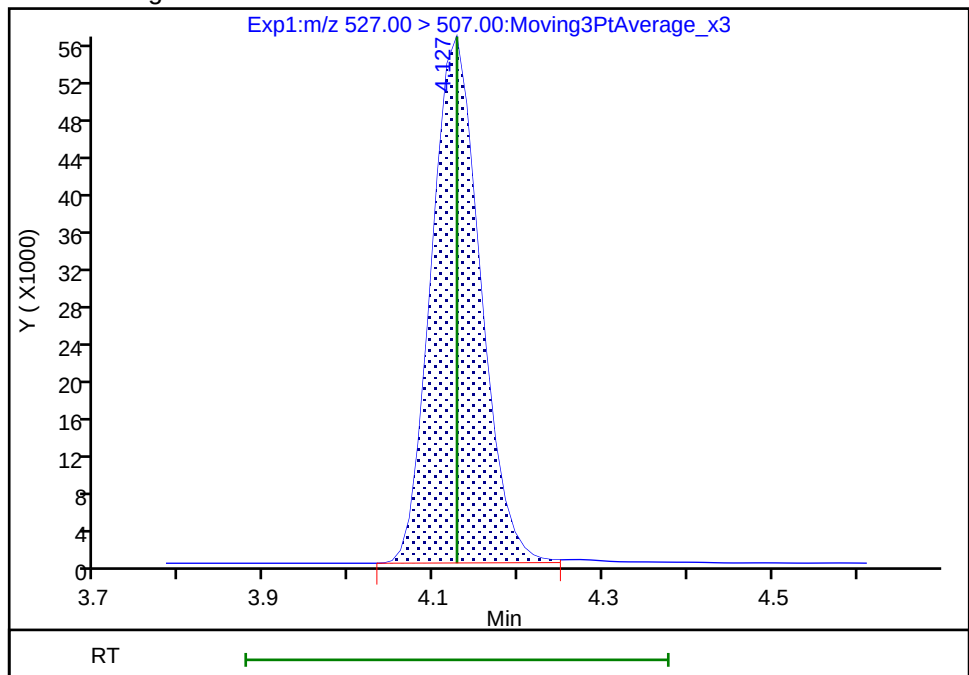
RT: 4.13
Area: 229518
Amount: 0.954143
Amount Units: ng/ml

Processing Integration Results



RT: 4.13
Area: 228459
Amount: 0.949741
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:25:28
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

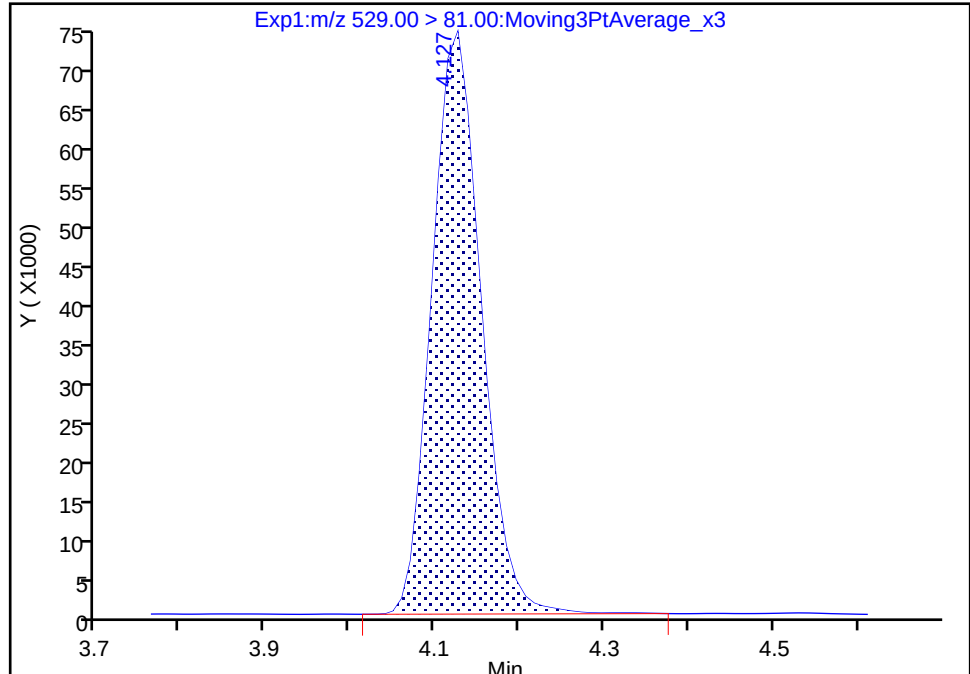
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d
Injection Date: 04-Aug-2022 23:50:44 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 26 M2-8:2 FTS, CAS: STL02280

Signal: 1

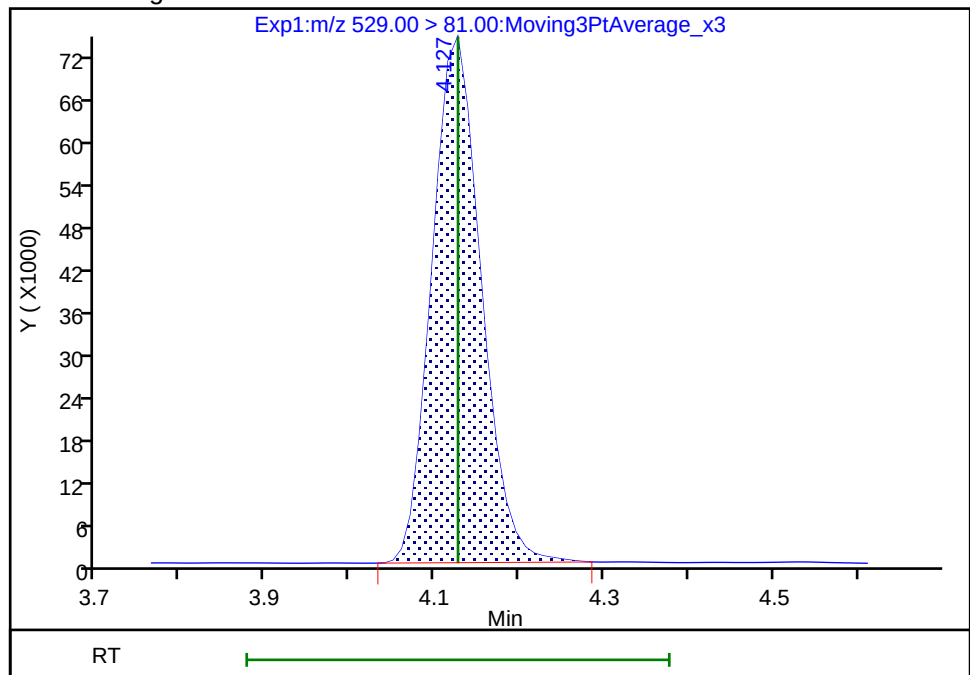
RT: 4.13
Area: 299512
Amount: 1.166318
Amount Units: ng/ml

Processing Integration Results



RT: 4.13
Area: 298300
Amount: 1.161598
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:23:11
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

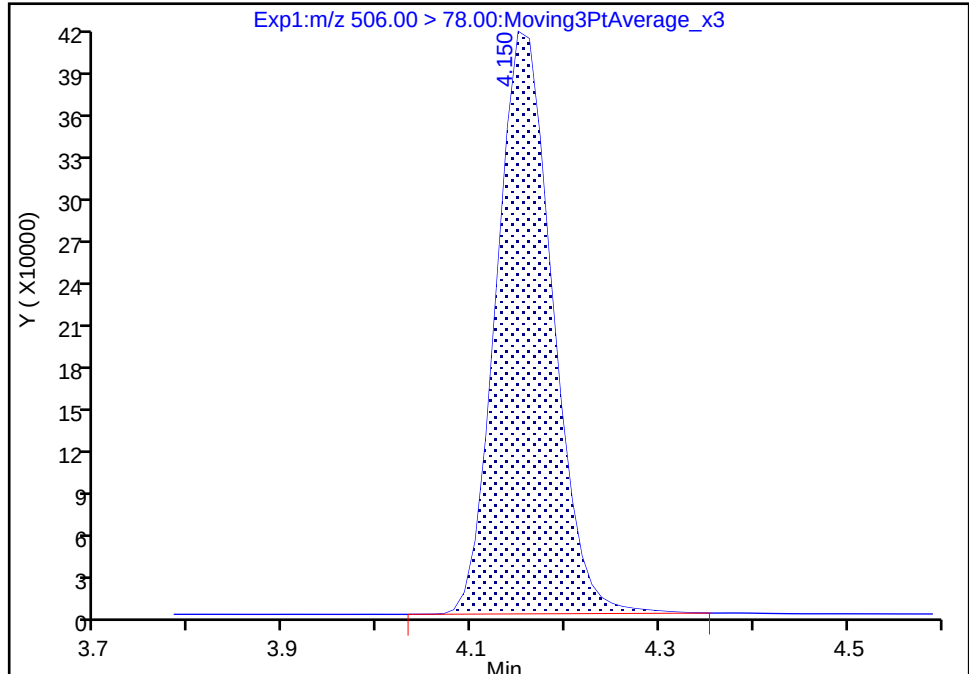
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d
Injection Date: 04-Aug-2022 23:50:44 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 21 13C8 FOSA, CAS: STL01056

Signal: 1

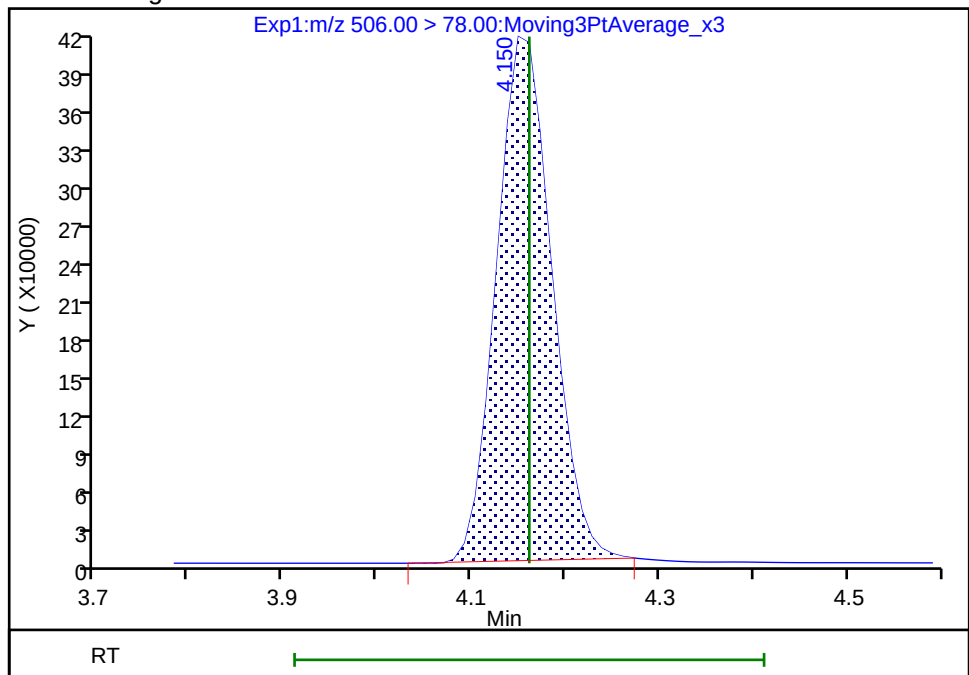
RT: 4.15
Area: 1728734
Amount: 1.175683
Amount Units: ng/ml

Processing Integration Results



RT: 4.15
Area: 1697880
Amount: 1.154700
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:53:33

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

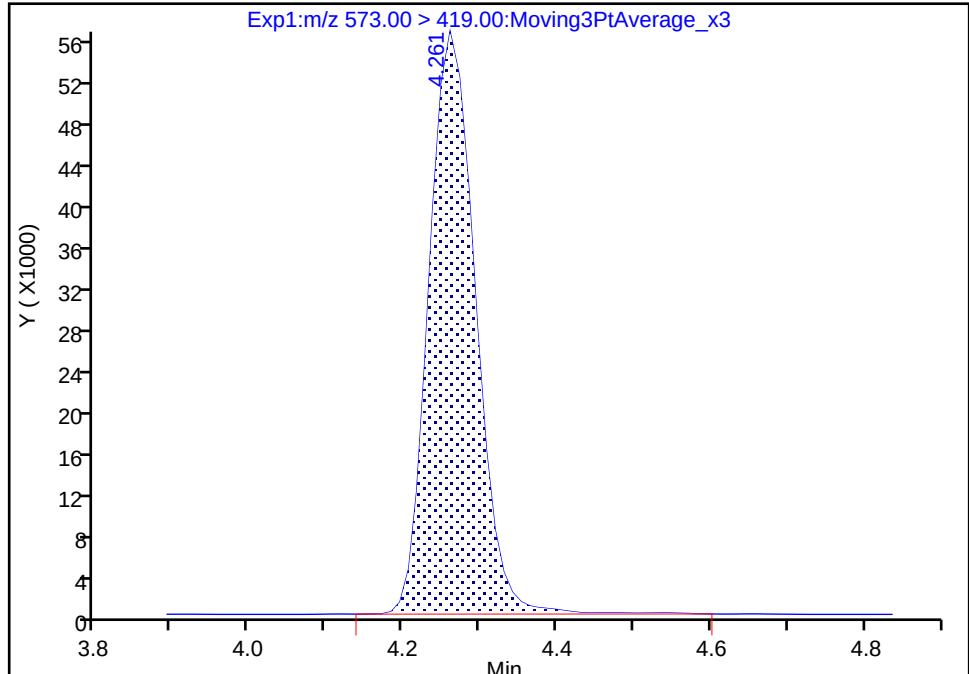
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d
Injection Date: 04-Aug-2022 23:50:44 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 27 d3-NMeFOSAA, CAS: STL02118

Signal: 1

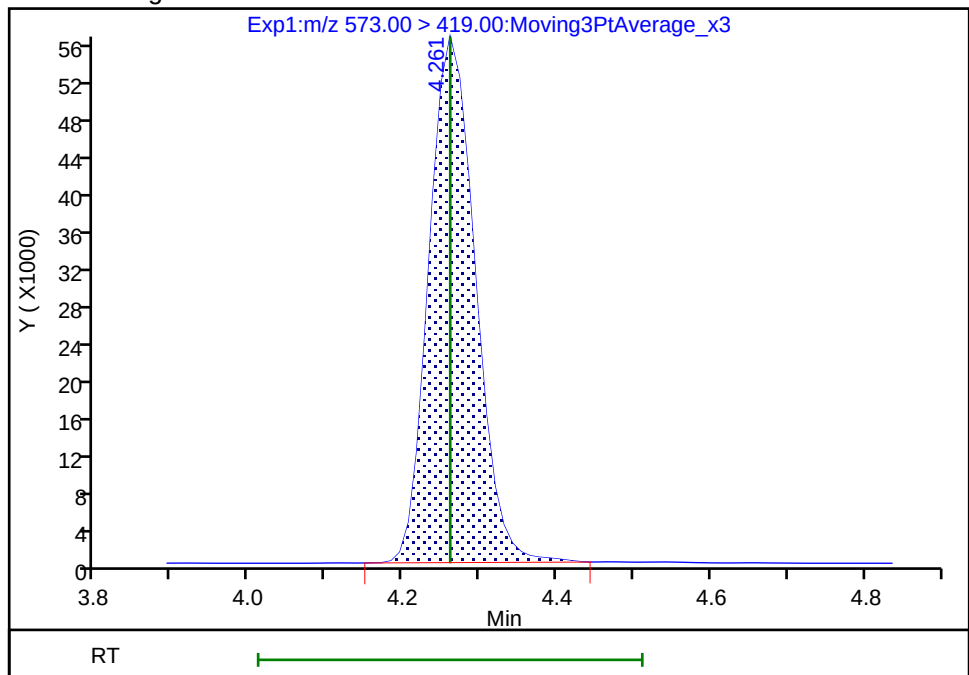
RT: 4.26
Area: 236033
Amount: 1.048207
Amount Units: ng/ml

Processing Integration Results



RT: 4.26
Area: 234425
Amount: 1.041066
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:23:17

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

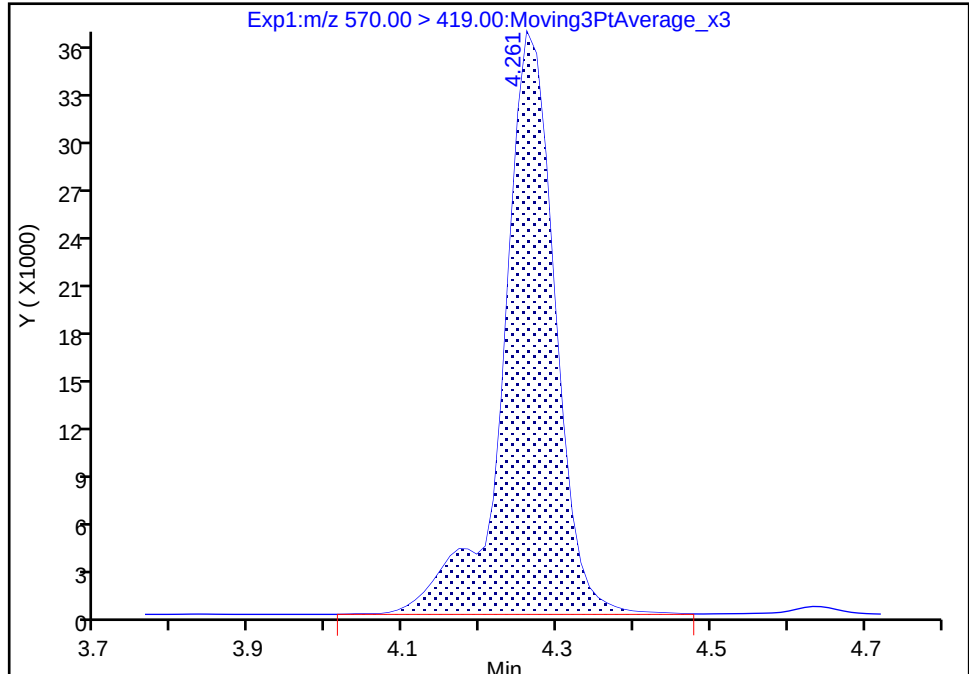
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d
Injection Date: 04-Aug-2022 23:50:44 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

28 N-methylperfluorooctanesulfonami, CAS: 2355-31-9

Signal: 1

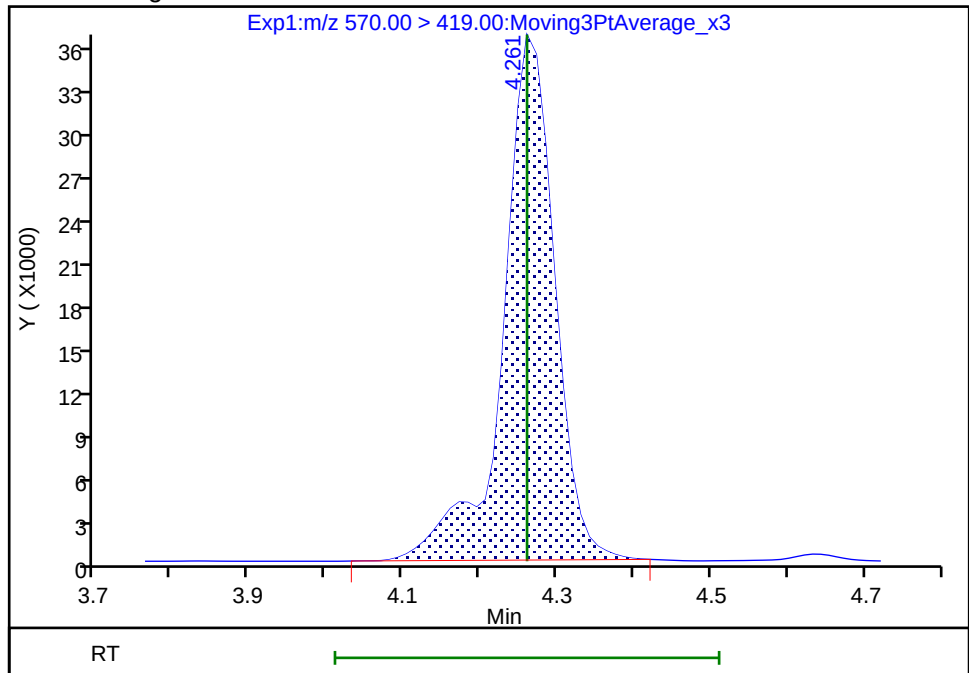
RT: 4.26
Area: 172250
Amount: 1.034184
Amount Units: ng/ml

Processing Integration Results



RT: 4.26
Area: 170307
Amount: 1.022519
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:53:39
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

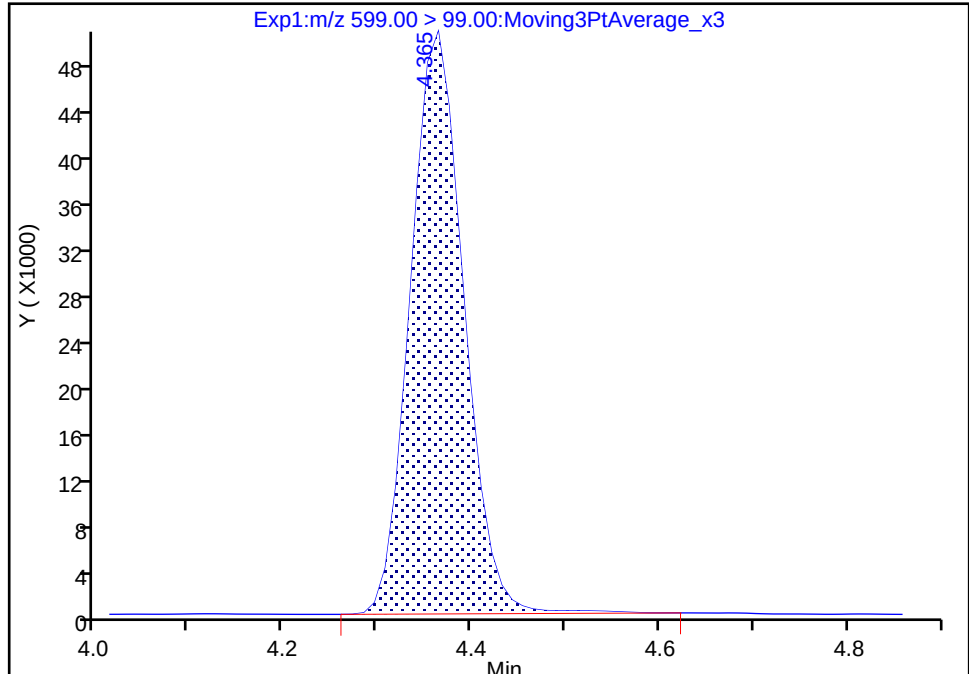
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d
Injection Date: 04-Aug-2022 23:50:44 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

29 Perfluorodecanesulfonic acid, CAS: 335-77-3

Signal: 2

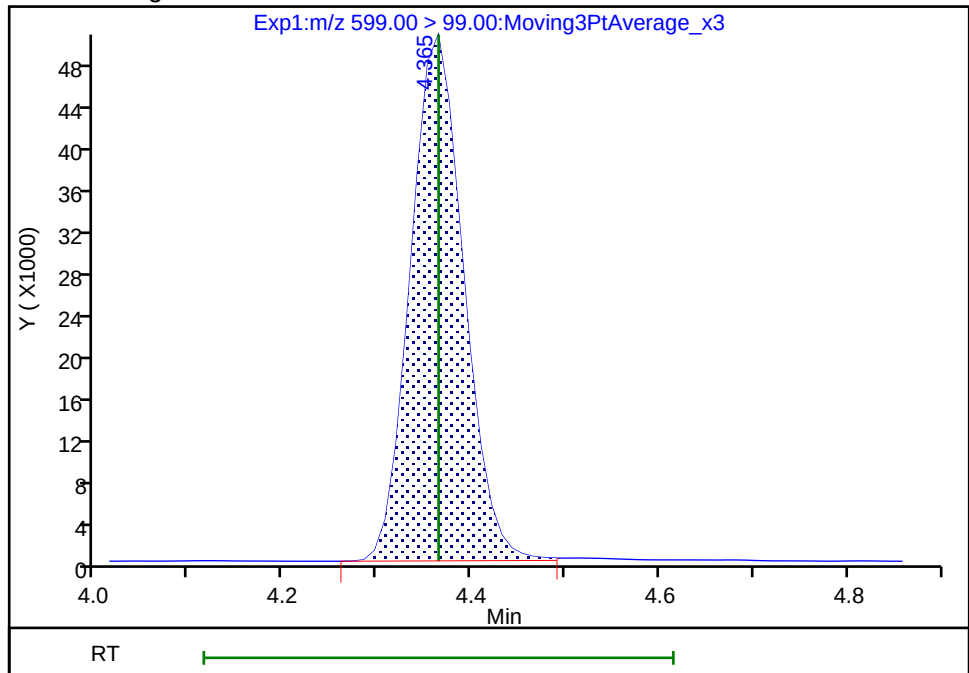
RT: 4.36
Area: 199741
Amount: 0.998733
Amount Units: ng/ml

Processing Integration Results



RT: 4.36
Area: 198849
Amount: 0.998733
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:25:42
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

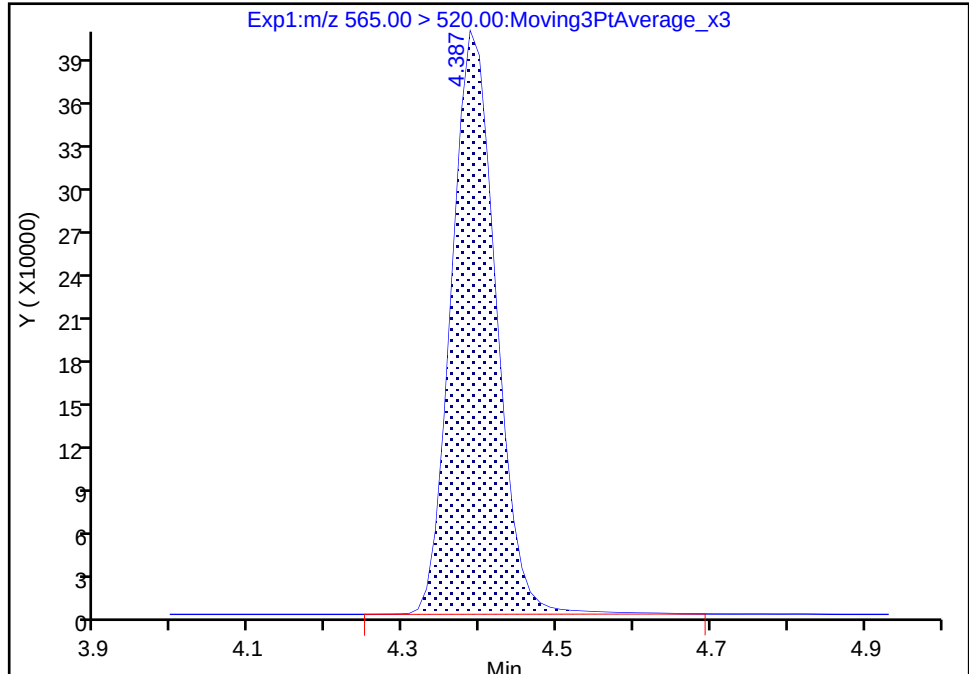
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d
Injection Date: 04-Aug-2022 23:50:44 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 30 13C2 PFUnA, CAS: STL00997

Signal: 1

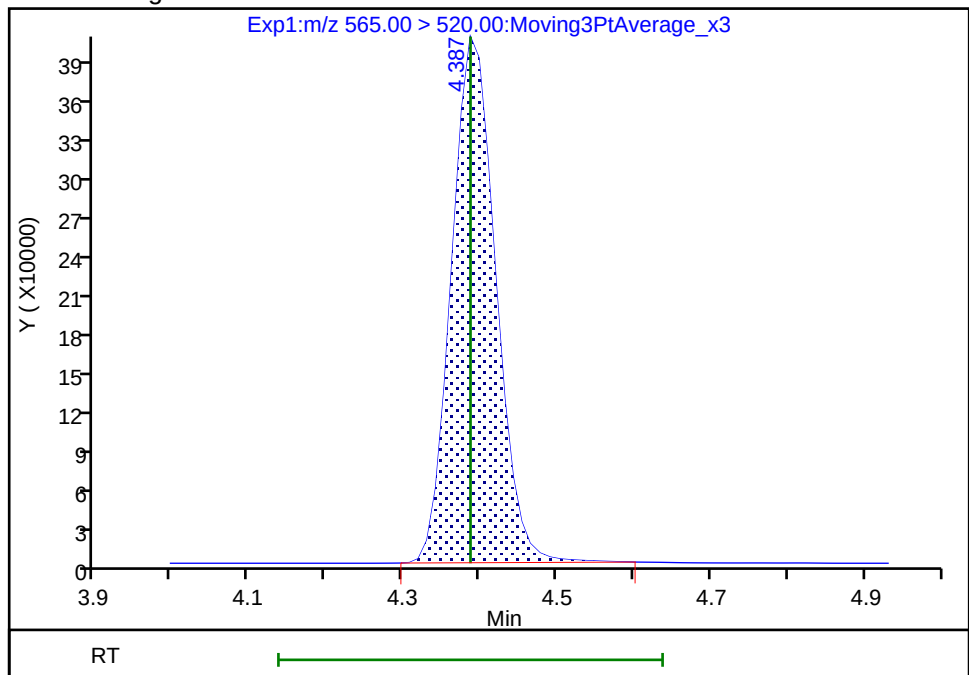
RT: 4.39
Area: 1633403
Amount: 1.283189
Amount Units: ng/ml

Processing Integration Results



RT: 4.39
Area: 1623790
Amount: 1.275637
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:23:23
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

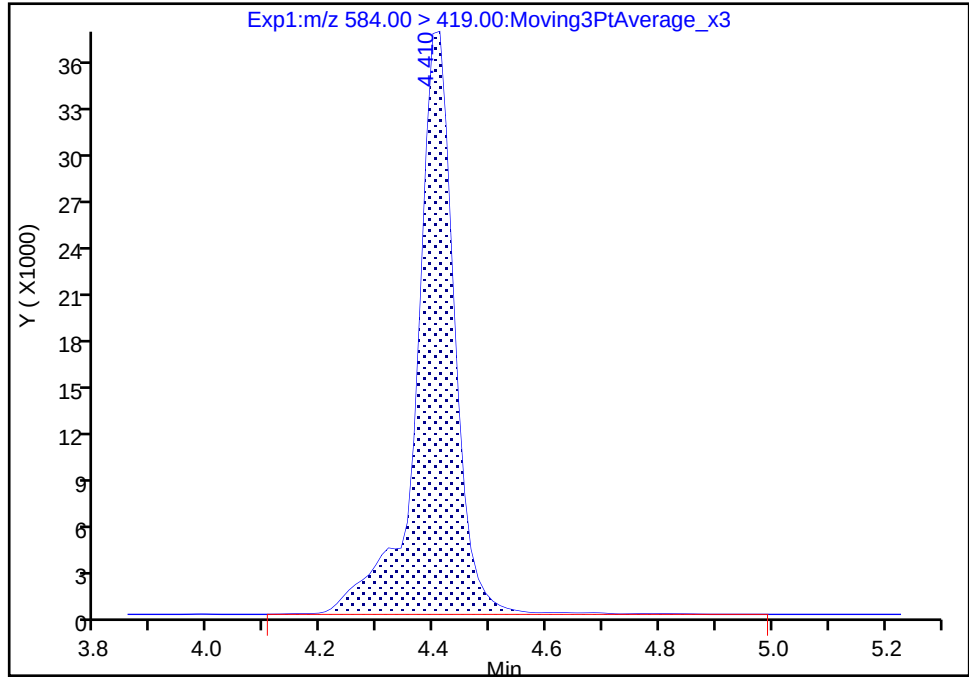
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d
Injection Date: 04-Aug-2022 23:50:44 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

33 N-ethylperfluorooctanesulfonamid, CAS: 2991-50-6

Signal: 1

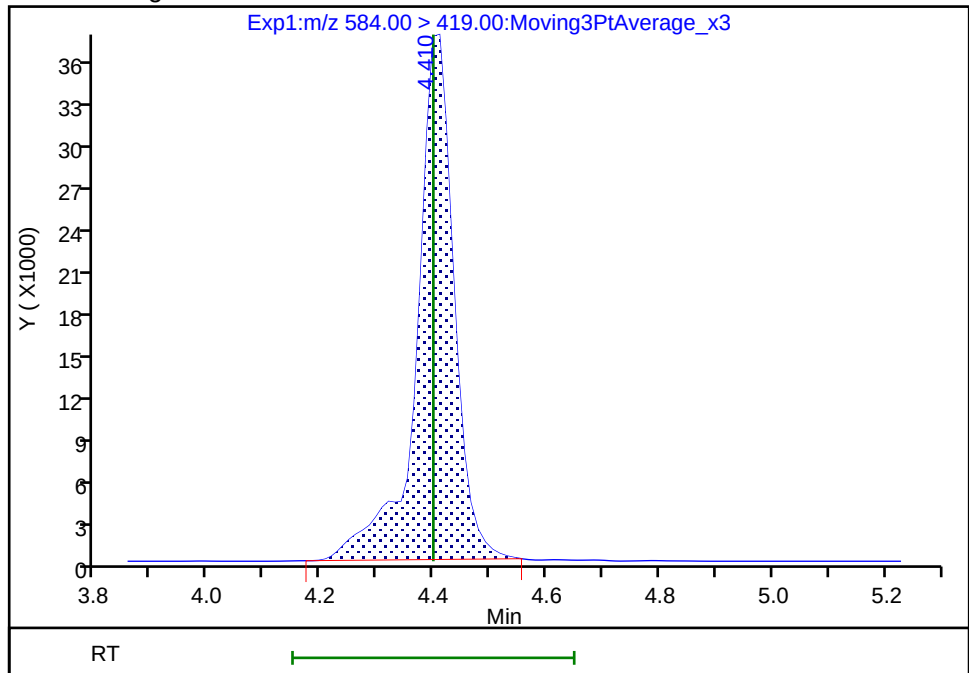
RT: 4.41
Area: 176799
Amount: 1.030403
Amount Units: ng/ml

Processing Integration Results



RT: 4.41
Area: 173094
Amount: 1.008810
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:53:48
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

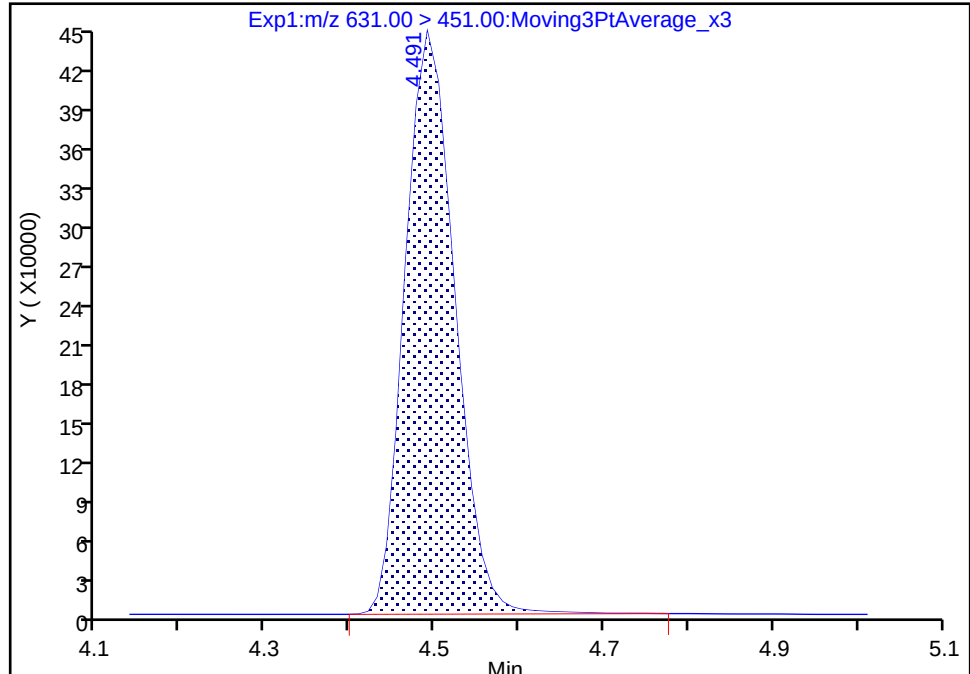
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d
Injection Date: 04-Aug-2022 23:50:44 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

66 11-Chloroeicosafluoro-3-oxaundec, CAS: 763051-92-9

Signal: 1

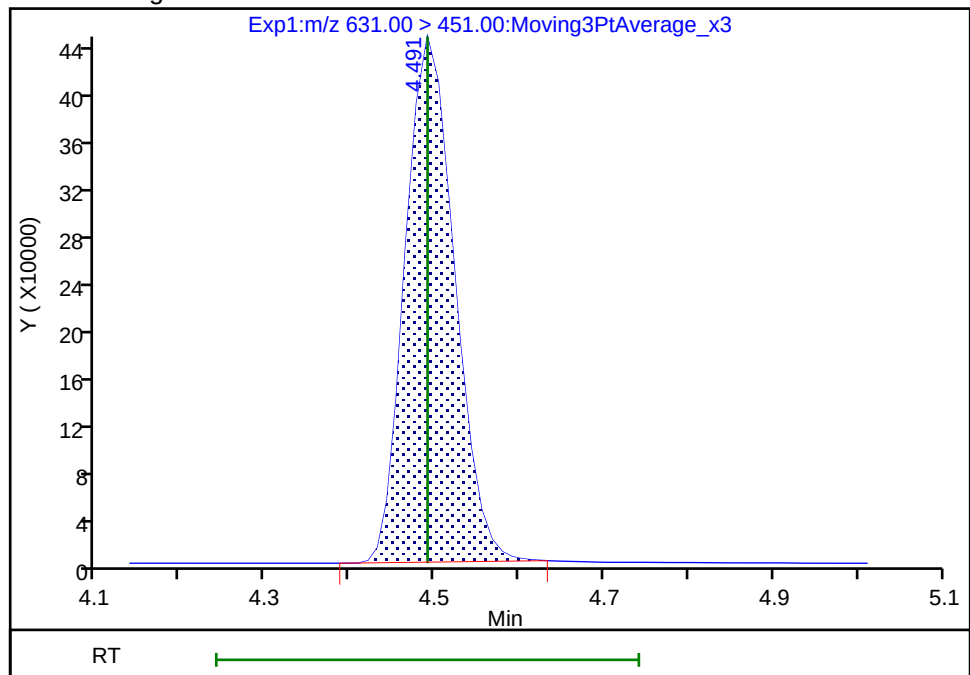
RT: 4.49
Area: 1824018
Amount: 0.914318
Amount Units: ng/ml

Processing Integration Results



RT: 4.49
Area: 1805475
Amount: 0.905023
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:54:07
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d

Injection Date: 04-Aug-2022 23:50:44

Instrument ID: LC812

Lims ID: CCV L4

Client ID:

Operator ID: lc812tech

ALS Bottle#:

25

Worklist Smp#: 25

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

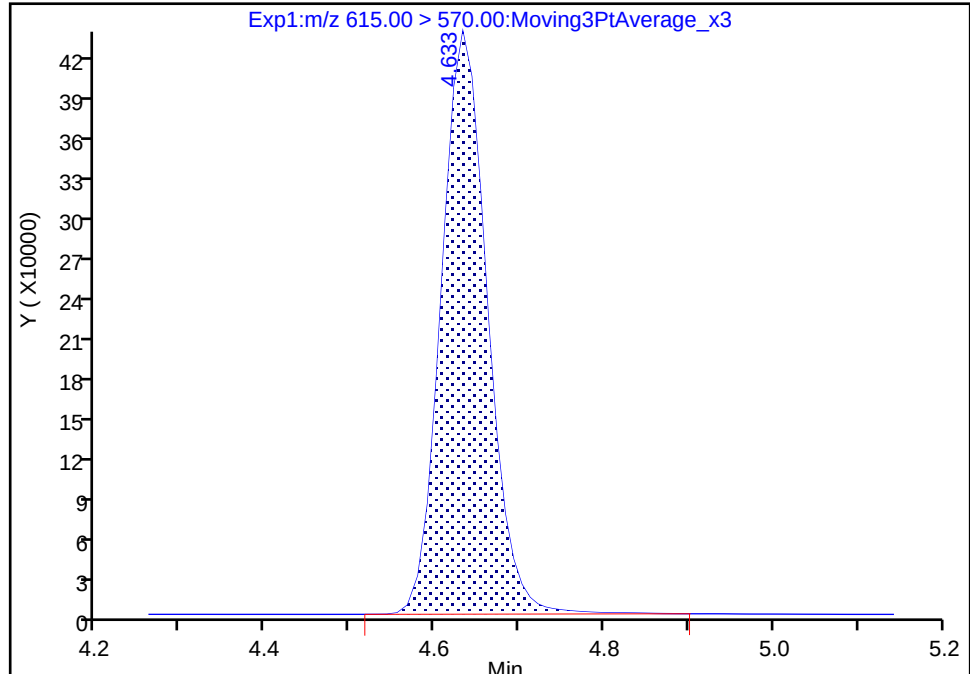
Detector: EXP1

D 36 13C2 PFD_oA, CAS: STL00998

Signal: 1

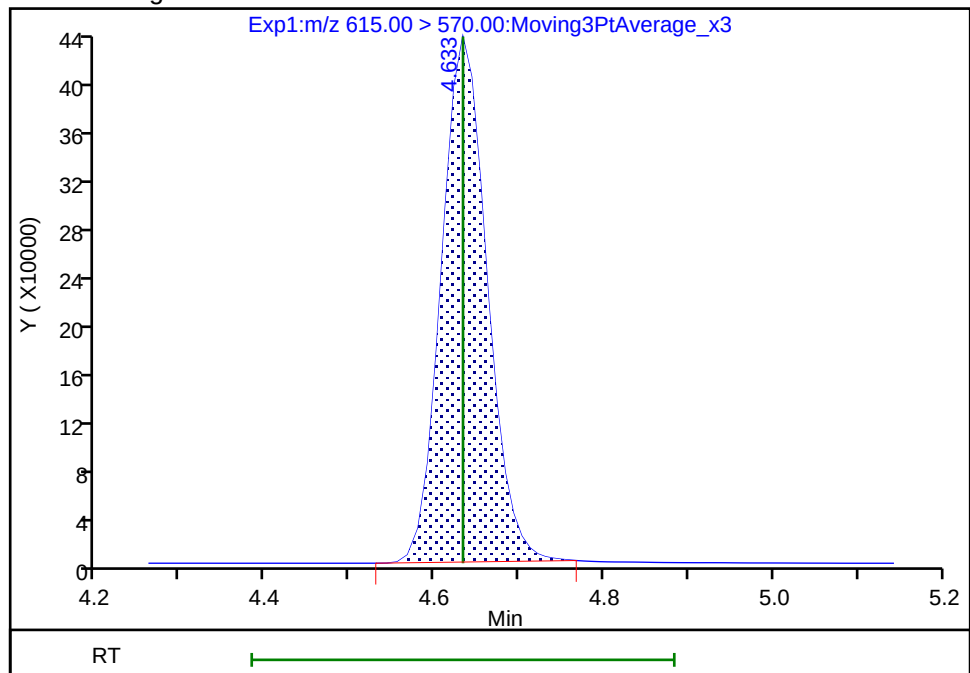
RT: 4.63
Area: 1628466
Amount: 1.234568
Amount Units: ng/ml

Processing Integration Results



RT: 4.63
Area: 1609800
Amount: 1.220417
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:54:12

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

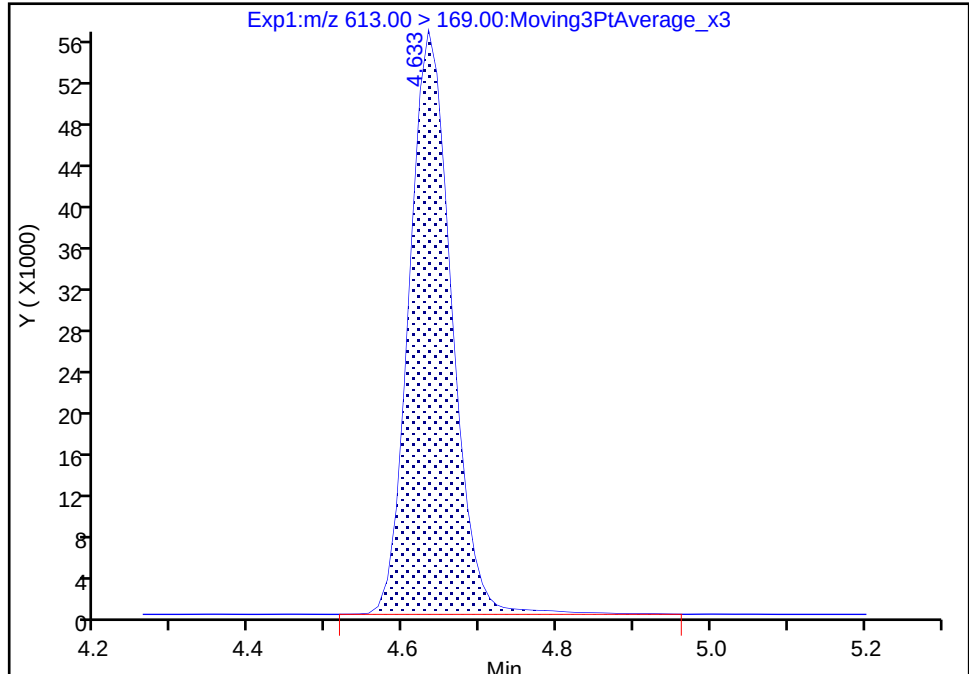
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d
Injection Date: 04-Aug-2022 23:50:44 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

37 Perfluorododecanoic acid, CAS: 307-55-1

Signal: 2

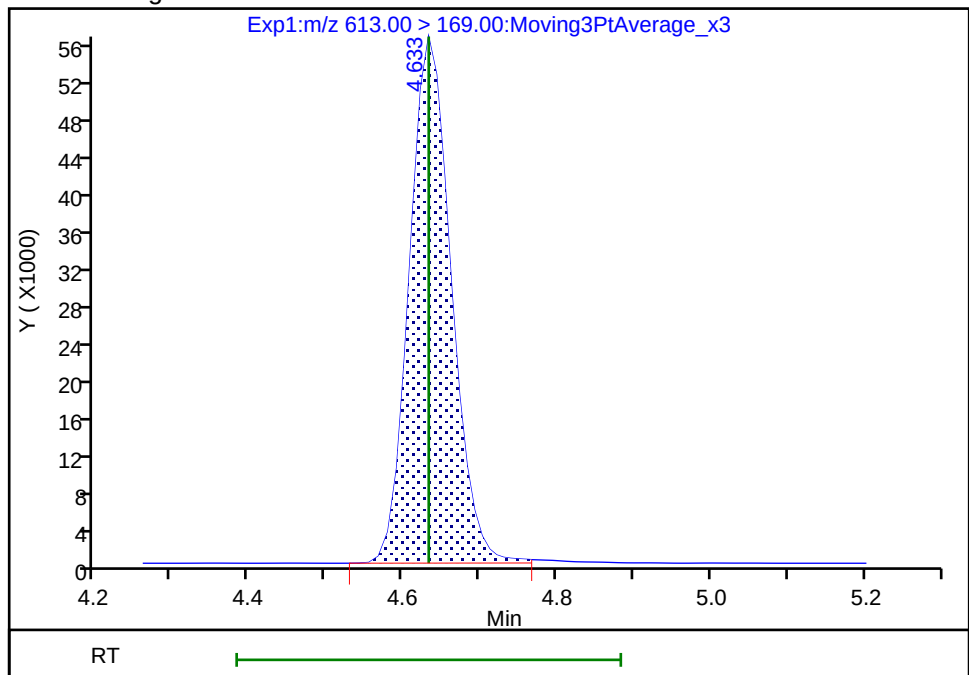
RT: 4.63
Area: 215082
Amount: 1.013502
Amount Units: ng/ml

Processing Integration Results



RT: 4.63
Area: 213368
Amount: 1.025254
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:26:26
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d

Injection Date: 04-Aug-2022 23:50:44

Instrument ID: LC812

Lims ID: CCV L4

Client ID:

Operator ID: lc812tech

ALS Bottle#:

25

Worklist Smp#: 25

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

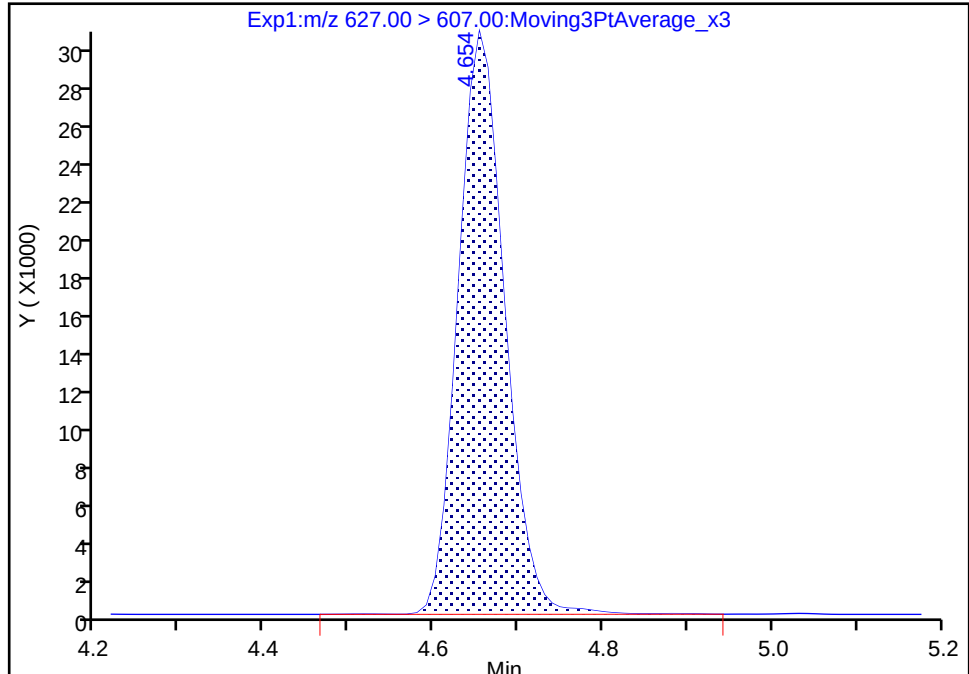
Detector: EXP1

74 1H,1H,2H,2H-perfluorododecanesul, CAS: 120226-60-0

Signal: 1

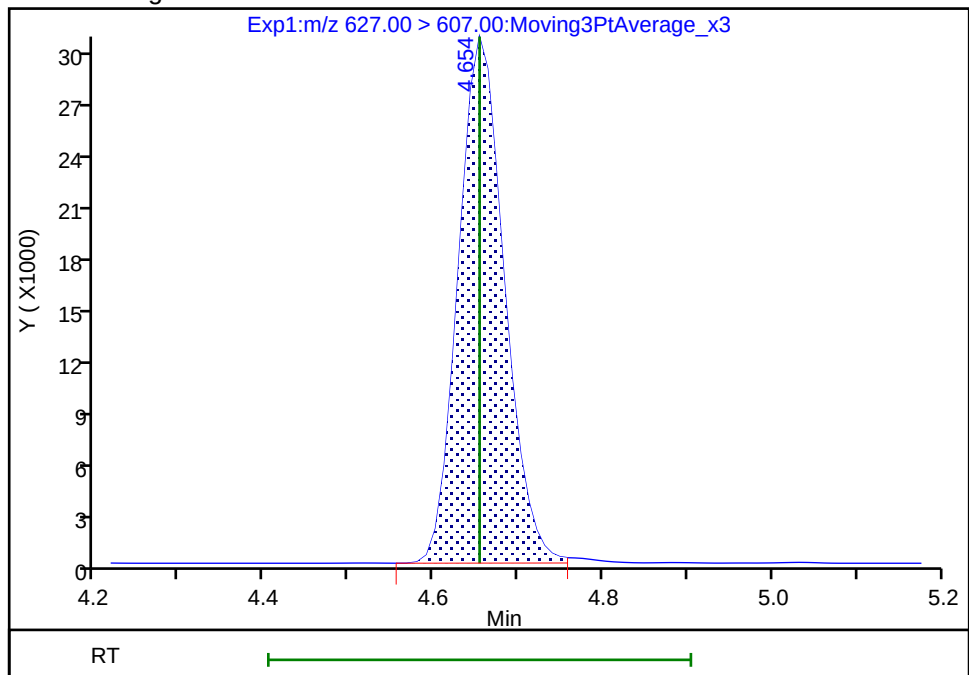
RT: 4.65
Area: 117732
Amount: 1.047645
Amount Units: ng/ml

Processing Integration Results



RT: 4.65
Area: 116746
Amount: 1.038871
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:26:36

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

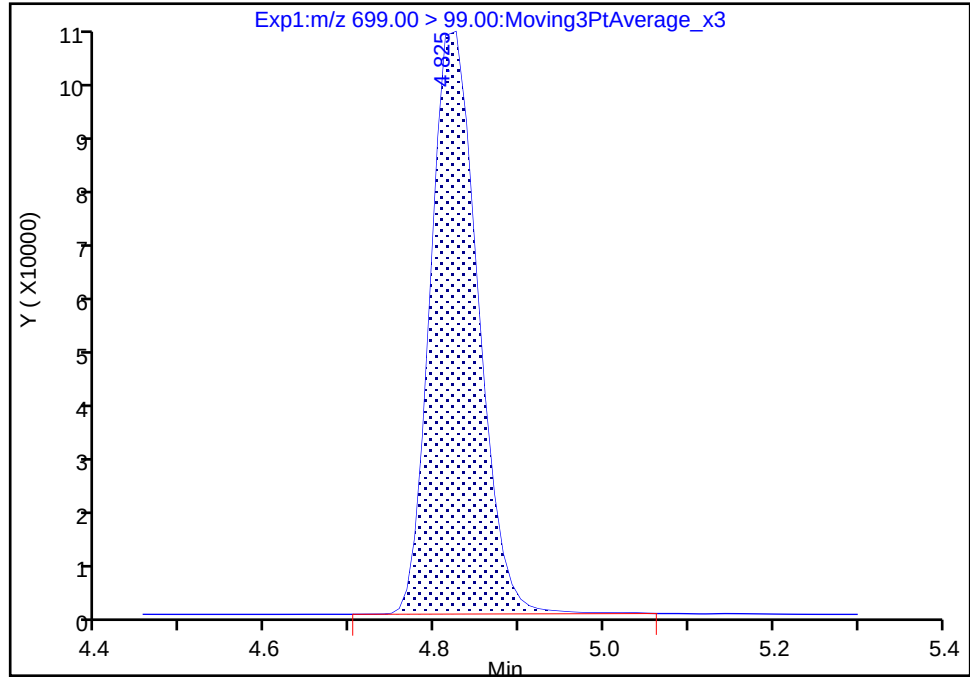
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d
Injection Date: 04-Aug-2022 23:50:44 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

75 Perfluorododecanesulfonic acid (, CAS: 79780-39-5

Signal: 2

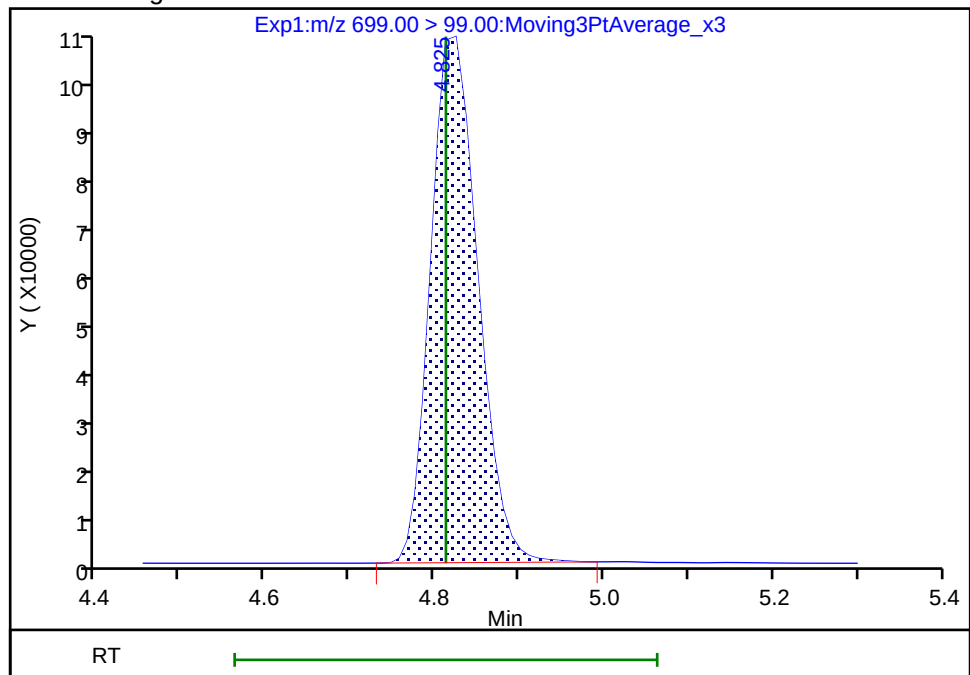
RT: 4.82
Area: 418693
Amount: 0.990526
Amount Units: ng/ml

Processing Integration Results



RT: 4.82
Area: 416875
Amount: 0.987180
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:26:42
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

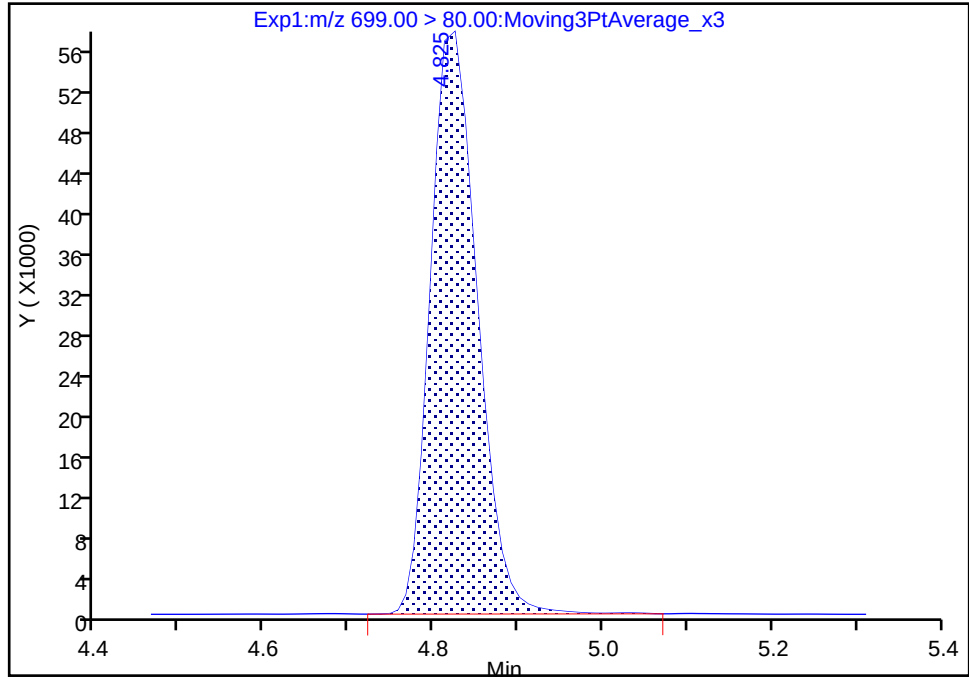
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d
Injection Date: 04-Aug-2022 23:50:44 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

75 Perfluorododecanesulfonic acid (, CAS: 79780-39-5

Signal: 1

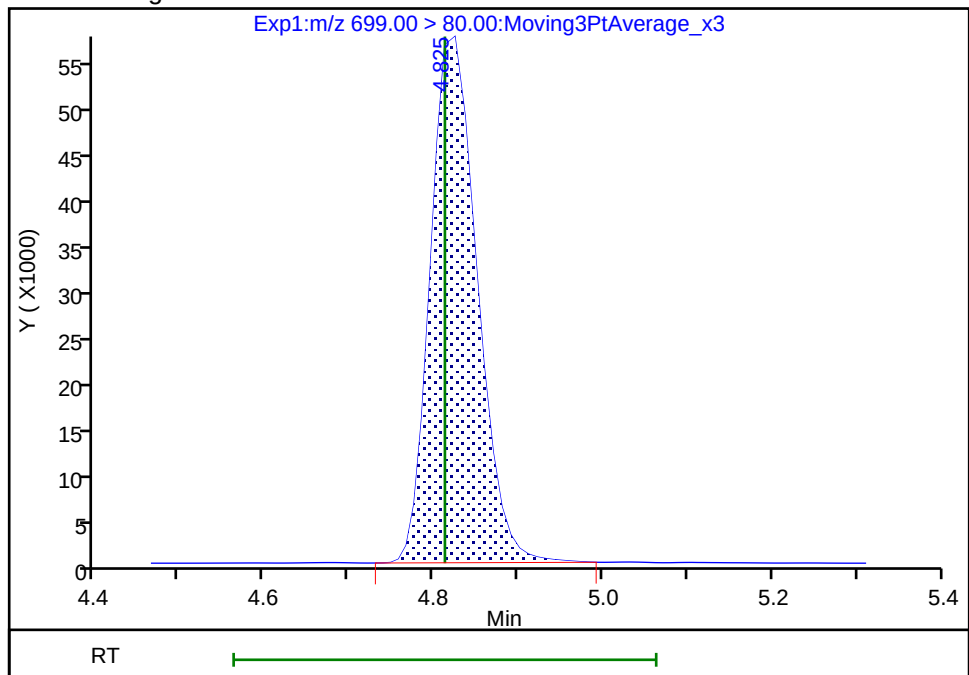
RT: 4.82
Area: 222340
Amount: 0.990526
Amount Units: ng/ml

Processing Integration Results



RT: 4.82
Area: 221589
Amount: 0.987180
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:26:46

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

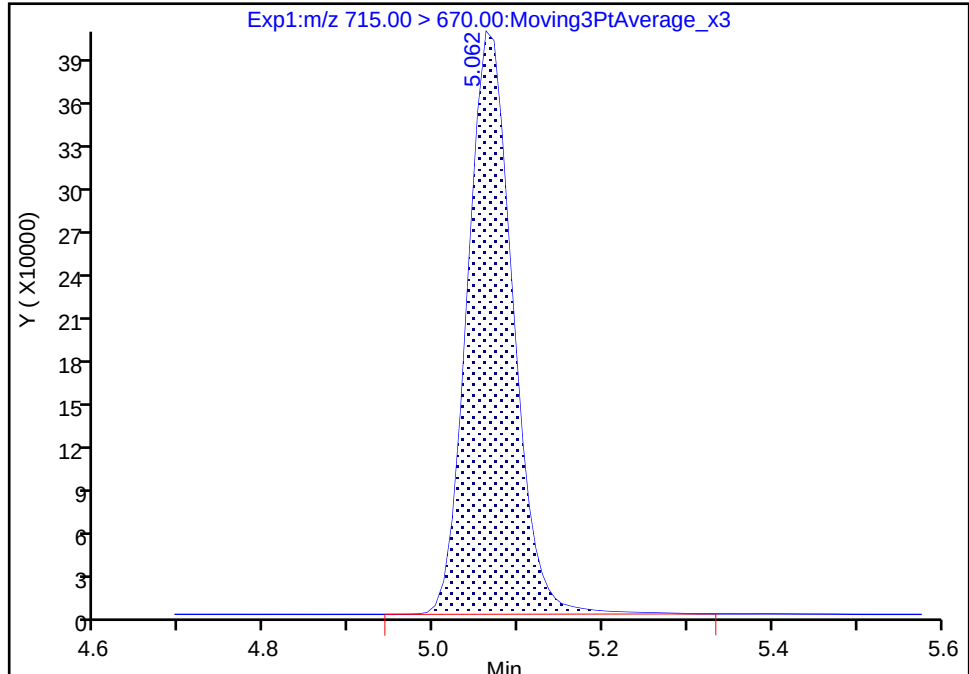
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d
Injection Date: 04-Aug-2022 23:50:44 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 43 13C2 PFTeDA, CAS: STL02116

Signal: 1

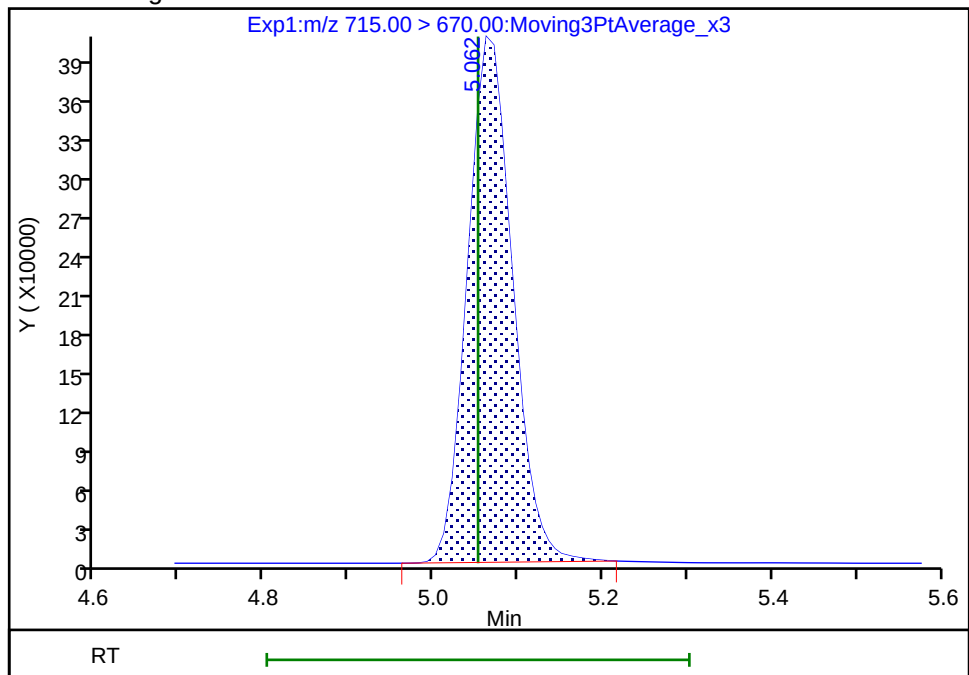
RT: 5.06
Area: 1515886
Amount: 1.405822
Amount Units: ng/ml

Processing Integration Results



RT: 5.06
Area: 1500516
Amount: 1.391568
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:54:21
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

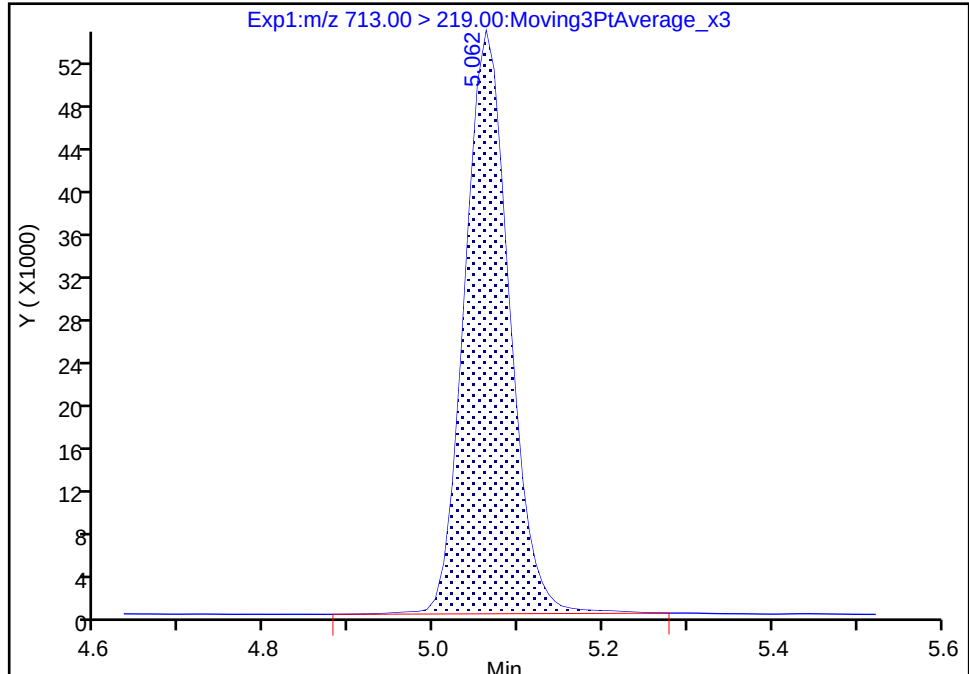
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d
Injection Date: 04-Aug-2022 23:50:44 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

42 Perfluorotetradecanoic acid, CAS: 376-06-7

Signal: 2

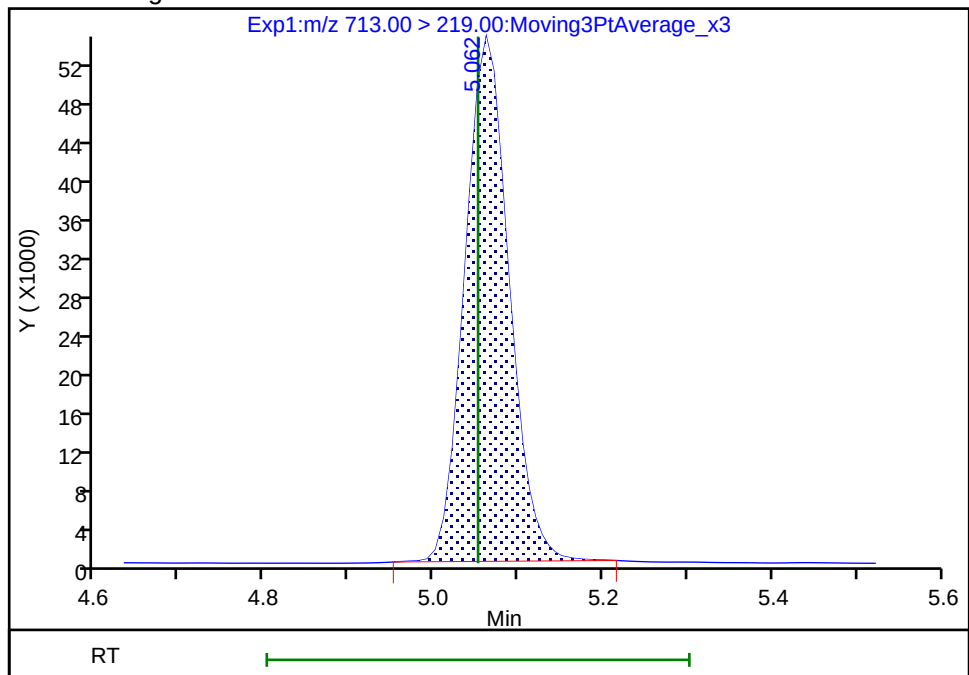
RT: 5.06
Area: 198308
Amount: 1.004458
Amount Units: ng/ml

Processing Integration Results



RT: 5.06
Area: 195629
Amount: 1.004458
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:54:27

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

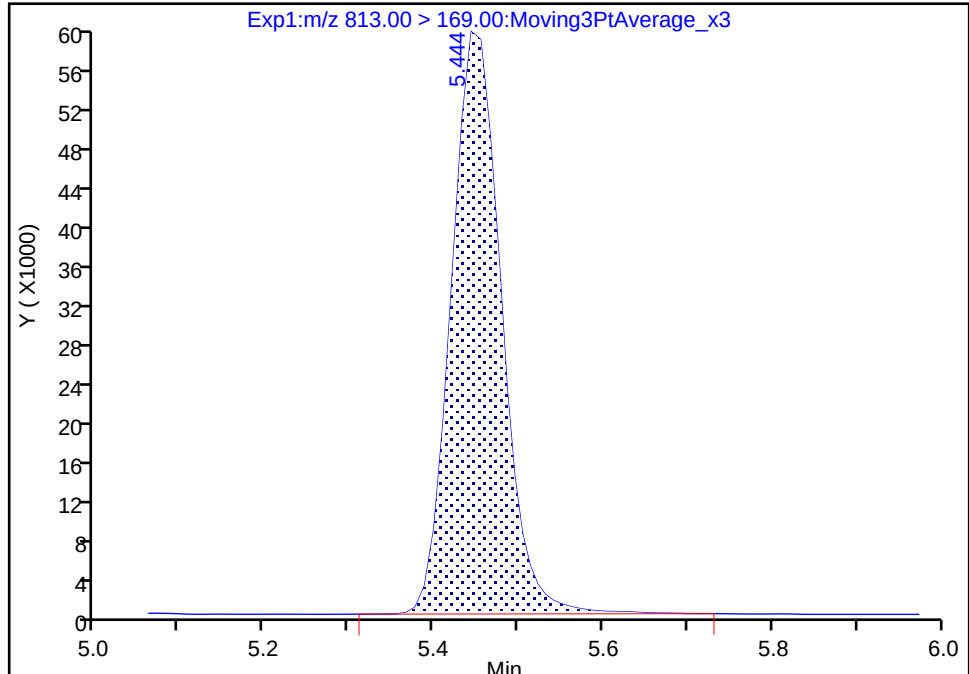
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d
Injection Date: 04-Aug-2022 23:50:44 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

45 Perfluorohexadecanoic acid, CAS: 67905-19-5

Signal: 2

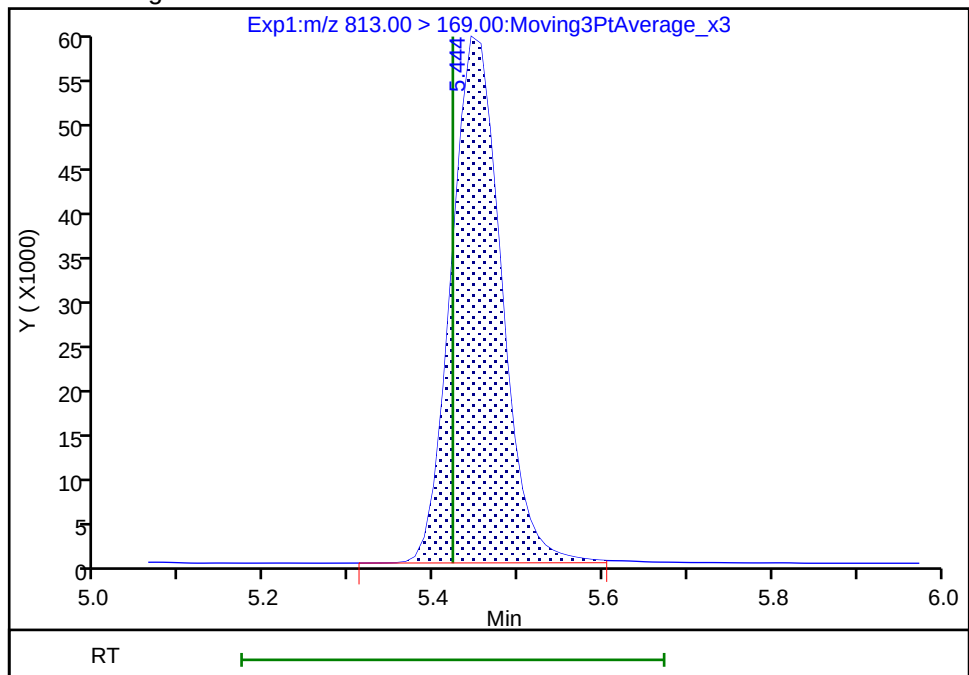
RT: 5.44
Area: 244622
Amount: 1.022239
Amount Units: ng/ml

Processing Integration Results



RT: 5.44
Area: 243940
Amount: 1.009950
Amount Units: ng/ml

Manual Integration Results



Reviewer: nampitakw, 05-Aug-2022 14:26:58
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d

Injection Date: 04-Aug-2022 23:50:44

Instrument ID: LC812

Lims ID: CCV L4

Client ID:

Operator ID: lc812tech

ALS Bottle#:

25

Worklist Smp#: 25

Injection Vol: 20.0 ul

Dil. Factor:

1.0000

Method: PFC_LC812

Limit Group:

LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

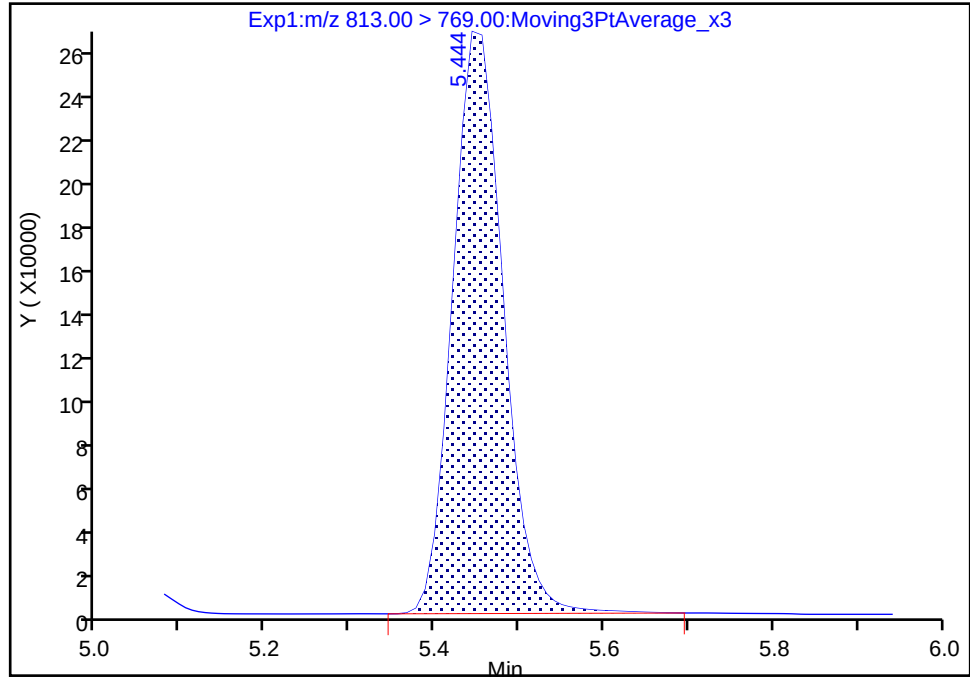
EXP1

45 Perfluorohexadecanoic acid, CAS: 67905-19-5

Signal: 1

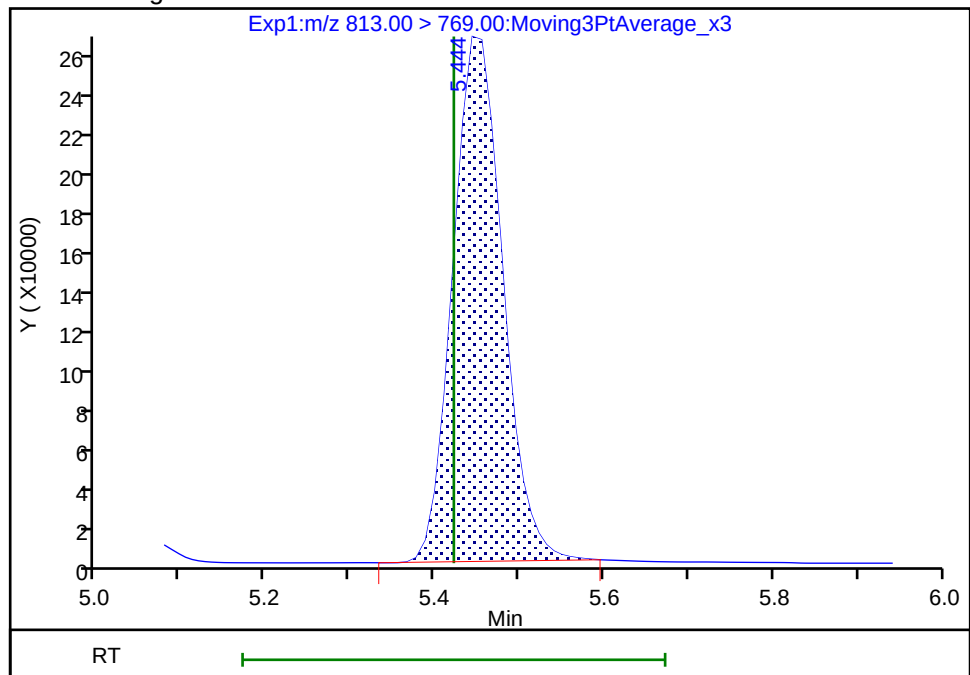
RT: 5.44
Area: 1087950
Amount: 1.022239
Amount Units: ng/ml

Processing Integration Results



RT: 5.44
Area: 1075131
Amount: 1.009950
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:54:31

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

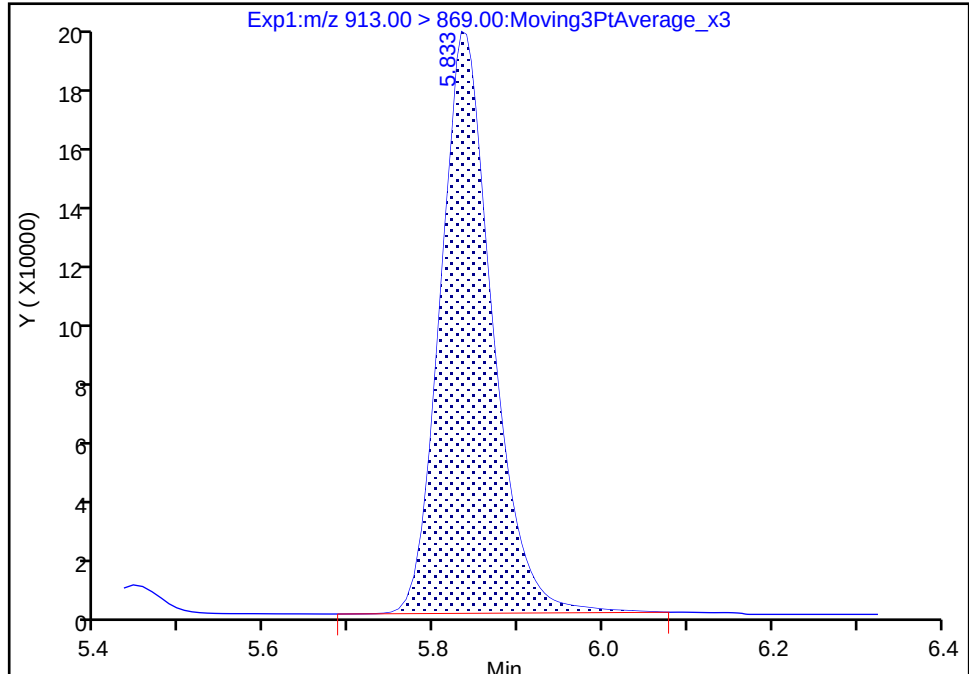
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D25.d
Injection Date: 04-Aug-2022 23:50:44 Instrument ID: LC812
Lims ID: CCV L4
Client ID:
Operator ID: lc812tech ALS Bottle#: 25 Worklist Smp#: 25
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

46 Perfluorooctadecanoic acid, CAS: 16517-11-6

Signal: 1

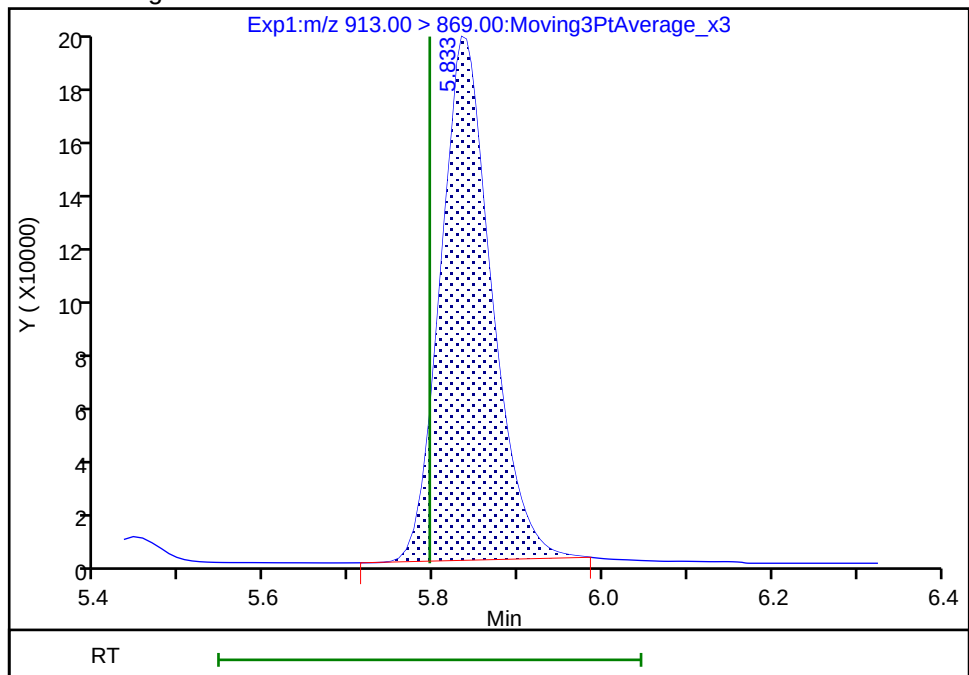
RT: 5.83
Area: 842511
Amount: 1.085999
Amount Units: ng/ml

Processing Integration Results



RT: 5.83
Area: 825256
Amount: 1.063757
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 05-Aug-2022 08:54:37

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 460-262853-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 200-182357/1-A

Matrix: Solid Lab File ID: PA220804D02.d

Analysis Method: 537 (modified) Date Collected: _____

Extraction Method: SHAKE Date Extracted: 08/04/2022 08:35

Sample wt/vol: 5.00 (g) Date Analyzed: 08/04/2022 20:42

Con. Extract Vol.: 10 (mL) Dilution Factor: 1

Injection Volume: 20 (uL) GC Column: C-18 ID: 4.6 (mm)

% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N

Cleanup Factor: _____

Analysis Batch No.: 182390 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	0.50	U	0.50	0.33
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.20	U	0.20	0.055
307-24-4	Perfluorohexanoic acid (PFHxA)	0.20	U	0.20	0.046
375-85-9	Perfluoroheptanoic acid (PFHpA)	0.20	U	0.20	0.039
335-67-1	Perfluorooctanoic acid (PFOA)	0.20	U	0.20	0.058
375-95-1	Perfluorononanoic acid (PFNA)	0.20	U	0.20	0.034
335-76-2	Perfluorodecanoic acid (PFDA)	0.20	U	0.20	0.028
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.20	U	0.20	0.027
307-55-1	Perfluorododecanoic acid (PFDoA)	0.20	U	0.20	0.025
72629-94-8	Perfluorotridecanoic acid (PFTriA)	0.20	U	0.20	0.025
376-06-7	Perfluorotetradecanoic acid (PFTeA)	0.20	U	0.20	0.026
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.20	U	0.20	0.033
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	0.20	U	0.20	0.041
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	0.20	U	0.20	0.023
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.20	U	0.20	0.11
335-77-3	Perfluorodecanesulfonic acid (PFDS)	0.20	U	0.20	0.019
754-91-6	Perfluorooctanesulfonamide (FOSA)	0.20	U	0.20	0.034
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.00	U	2.00	0.11
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.00	U	2.00	0.083
27619-97-2	6:2 FTS	2.00	U	2.00	0.057
39108-34-4	8:2 FTS	2.00	U	2.00	0.037

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 460-262853-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: MB 200-182357/1-A
 Matrix: Solid Lab File ID: PA220804D02.d
 Analysis Method: 537 (modified) Date Collected: _____
 Extraction Method: SHAKE Date Extracted: 08/04/2022 08:35
 Sample wt/vol: 5.00 (g) Date Analyzed: 08/04/2022 20:42
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1
 Injection Volume: 20 (uL) GC Column: C-18 ID: 4.6 (mm)
 % Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
 Cleanup Factor: _____
 Analysis Batch No.: 182390 Units: ug/Kg

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00994	18O2 PFHxS	93		50-150
STL01892	13C4 PFHpA	96		50-150
STL00990	13C4 PFOA	97		50-150
STL00991	13C4 PFOS	89		50-150
STL00995	13C5 PFNA	97		50-150
STL00992	13C4 PFBA	95		50-150
STL00993	13C2 PFHxA	97		50-150
STL00996	13C2 PFDA	93		50-150
STL00997	13C2 PFUnA	83		50-150
STL00998	13C2 PFDoA	84		50-150
STL01056	13C8 FOSA	74		50-150
STL01893	13C5 PFPeA	98		50-150
STL02116	13C2 PFTeDA	99		50-150
STL02118	d3-NMeFOSAA	77		50-150
STL02117	d5-NEtFOSAA	71		50-150
STL02279	M2-6:2 FTS	95		50-150
STL02280	M2-8:2 FTS	91		50-150
STL02337	13C3 PFBS	88		50-150

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d
 Lims ID: MB 200-182357/1-A
 Client ID:
 Sample Type: MB
 Inject. Date: 04-Aug-2022 20:42:16 ALS Bottle#: 2 Worklist Smp#: 2
 Injection Vol: 20.0 ul Dil. Factor: 1.0000
 Sample Info: MB 200-182357/1-A
 Misc. Info.: 200-0051964-002 Plate: 1 Rack: 4
 Operator ID: lc812tech Instrument ID: LC812
 Method: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PFC_LC812.m
 Limit Group: LC_PFC_ICAL
 Last Update: 08-Aug-2022 12:19:05 Calib Date: 03-Aug-2022 13:41:11
 Integrator: Picker
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
 Column 1 : C-18 (4.60 mm) Det: EXP1
 Process Host: CTX1679

First Level Reviewer: khanphomeea

Date: 05-Aug-2022 11:21:51

Ratio Calibration: Initial Calibration Level: 4

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										M
217.00 > 172.00	2.076	2.076	0.0	0.598	2247536	1.19		94.8	5978	M
2 Perfluorobutanoic acid										M
212.90 > 169.00	2.085	2.085	0.0	1.004	17799	0.0102			1.4	M
D 3 13C5 PFPeA										
267.90 > 223.00	2.386	2.400	-0.014	0.687	1789503	1.23		98.2	3481	
4 Perfluoropentanoic acid										M
262.90 > 219.00	2.386	2.400	-0.014	1.000	6744	0.004569			0.2	M
D 47 13C3 PFBS										M
301.90 > 80.00	2.400	2.413	-0.013	0.691	1735338	1.03		88.5	182273	M
5 Perfluorobutanesulfonic acid										M
298.90 > 80.00	2.400	2.413	-0.013	1.000	3780	0.002294	Target=2.23		4.9	M
298.90 > 99.00	2.413	2.413	0.0	1.006	3119		1.21(1.11-3.34)		1.7	M
D 60 M2-4:2 FTS										M
329.00 > 81.00	2.701	2.713	-0.012	0.778	171850	1.18		101	177	M
61 1H,1H,2H,2H-perfluorohexanesulfo										M
327.00 > 307.00	2.689	2.713	-0.024	0.995	733	0.002095			11.8	M
6 Perfluorohexanoic acid										RM
313.00 > 269.00	2.737	2.750	-0.013	1.000	3539	0.002396	Target=12.24		0.8	RM
313.00 > 119.00	2.749	2.750	-0.001	1.004	1120		3.16(6.12-18.36)		1.4	M
D 7 13C2 PFHxA										M
315.00 > 270.00	2.737	2.750	-0.013	0.788	1769300	1.22		97.2	3019	M
70 Perfluoropentanesulfonic acid										M
349.00 > 80.00	2.737	2.750	-0.013	0.880	1785	0.001242	Target=2.95		2.6	M
349.00 > 99.00	2.725	2.750	-0.025	0.876	842		2.12(1.48-4.43)		1.9	M
D 64 13C3 HFPO-DA										
287.00 > 169.00	2.847	2.859	-0.012	0.820	321944	1.17		94.0	1508	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
67 Perfluoro(2-propoxypropanoic) ac										M
285.00 > 169.00	2.859	2.859	0.0	1.004	216	0.000780		3.2		M
D 11 18O2 PFHxS										
403.00 > 84.00	3.110	3.110	0.0	0.895	1310667	1.10		93.4	1808	
8 Perfluorohexanesulfonic acid										M
399.00 > 80.00	3.110	3.110	0.0	1.000	5755	0.004708	Target=3.43	17.1		M
399.00 > 99.00	3.099	3.110	-0.011	0.996	1460		3.94(1.72-5.15)	1.8		M
D 9 13C4 PFHpA										
367.00 > 322.00	3.110	3.121	-0.011	0.895	1815112	1.20		96.1	2529	
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.121	3.121	0.0	1.004	4723	0.003156	Target=3.73	1.2		
363.00 > 169.00	3.110	3.121	-0.011	1.000	1234		3.83(1.86-5.59)	3.5		
77 DONA										M
377.00 > 251.00	3.143	3.154	-0.011	0.829	3680	0.001129	Target=2.84	7.2		M
377.00 > 85.00	3.143	3.154	-0.011	0.829	2163		1.70(1.42-4.26)	3.2		M
D 12 M2-6:2 FTS										M
429.00 > 81.00	3.456	3.465	-0.009	0.995	224571	1.13		95.2	639	M
13 1H,1H,2H,2H-perfluorooctanesulfo										M
427.00 > 407.00	3.456	3.465	-0.009	1.000	758	-0.0141		5.8		M
16 Perfluoroheptanesulfonic acid										M
449.00 > 80.00	3.456	3.465	-0.009	0.911	1365	0.001395	Target=4.89	5.9		M
449.00 > 99.00	3.439	3.465	-0.026	0.907	354		3.86(2.44-7.33)	2.3		
15 Perfluorooctanoic acid										M
413.00 > 369.00	3.465	3.474	-0.009	1.000	7160	0.004264	Target=2.67	0.7		M
413.00 > 169.00	3.474	3.474	0.0	1.003	2095		3.42(1.34-4.01)	5.0		M
D 14 13C4 PFOA										M
417.00 > 372.00	3.465	3.474	-0.009	0.997	1871836	1.21		96.8	2311	M
* 62 13C2 PFOA										M
415.00 > 370.00	3.474	3.474	0.0		2031005	1.25		2154		M
17 Perfluorooctanesulfonic acid										M
499.00 > 80.00	3.792	3.792	0.0	1.000	4064	-0.0133	Target=4.88	2.6		M
499.00 > 99.00	3.783	3.792	-0.009	0.997	743		5.47(2.44-7.32)	4.4		M
D 18 13C4 PFOS										M
503.00 > 80.00	3.792	3.792	0.0	1.092	945997	1.07		89.3	2131	M
20 Perfluorononanoic acid										M
463.00 > 419.00	3.802	3.812	-0.010	0.997	2940	0.001849	Target=8.23	1.1		M
463.00 > 169.00	3.822	3.812	0.010	1.003	347		8.47(4.11-12.34)	6.5		M
D 19 13C5 PFNA										M
468.00 > 423.00	3.812	3.812	0.0	1.097	1953759	1.22		97.3	2144	M
69 9-Chlorohexadecafluoro-3-oxanona										M
531.00 > 351.00	3.960	3.960	0.0	1.044	1804	0.001290		23.7		M
68 Perfluorononanesulfonic acid										M
549.00 > 80.00	4.093	4.093	0.0	1.079	1069	0.001725	Target=2.53	10.8		M
549.00 > 99.00	4.093	4.093	0.0	1.079	334		3.20(1.26-3.79)	2.6		M
24 Perfluorodecanoic acid										M
513.00 > 469.00	4.115	4.116	-0.001	1.000	4436	0.002902	Target=9.67	3.0		M
513.00 > 169.00	4.115	4.116	-0.001	1.000	653		6.79(4.83-14.50)	2.7		M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 23 13C2 PFDA										M
515.00 > 470.00	4.115	4.116	-0.001	1.185	1816862	1.16		92.9	1546	M
25 1H,1H,2H,2H-perfluorodecanesulfo										M
527.00 > 507.00	4.127	4.127	0.0	1.000	441	0.002102			8.5	M
D 26 M2-8:2 FTS										M
529.00 > 81.00	4.127	4.127	0.0	1.188	260130	1.09		90.9	852	M
D 21 13C8 FOSA										M
506.00 > 78.00	4.161	4.161	0.0	1.198	1266395	0.9253		74.0	1610	M
22 Perfluorooctanesulfonamide										M
498.00 > 78.00	4.150	4.161	-0.011	0.997	3196	0.003096			13.4	M
28 N-methylperfluorooctanesulfonami										M
570.00 > 419.00	4.273	4.261	0.012	1.003	979	0.006864			5.0	M
D 27 d3-NMeFOSAA										M
573.00 > 419.00	4.261	4.261	0.0	1.227	200752	0.9578		76.6	671	M
29 Perfluorodecanesulfonic acid										M
599.00 > 80.00	4.365	4.365	0.0	1.151	1166	0.002528	Target=2.80		14.4	
599.00 > 99.00	4.353	4.365	-0.012	1.148	445		2.62(1.40-4.20)		7.8	M
D 30 13C2 PFUnA										M
565.00 > 520.00	4.398	4.387	0.011	1.266	1230130	1.04		83.1	1429	M
31 Perfluoroundecanoic acid										RM
563.00 > 519.00	4.398	4.387	0.011	1.000	2245	0.002153	Target=9.07		2.9	R
563.00 > 169.00	4.376	4.387	-0.011	0.995	147		15.27(4.54-13.61)		2.4	M
33 N-ethylperfluorooctanesulfonamid										M
584.00 > 419.00	4.421	4.399	0.022	1.005	930	0.007249			13.1	M
D 32 d5-NEtFOSAA										M
589.00 > 419.00	4.398	4.399	-0.001	1.266	176629	0.8903		71.2	519	M
66 11-Chloroeicosafuoro-3-oxaundec										M
631.00 > 451.00	4.504	4.491	0.013	1.188	4686	0.002575			36.6	M
D 36 13C2 PFDaA										M
615.00 > 570.00	4.633	4.633	0.0	1.334	1293064	1.05		84.3	2280	M
37 Perfluorododecanoic acid										M
613.00 > 569.00	4.643	4.633	0.010	1.002	4043	0.003854	Target=6.97		0.8	M
613.00 > 169.00	4.643	4.633	0.010	1.002	601		6.73(3.48-10.45)		7.4	M
75 Perfluorododecanesulfonic acid (										M
699.00 > 80.00	4.837	4.813	0.024	1.275	424	0.002070	Target=0.52		6.5	M
699.00 > 99.00	4.825	4.813	0.012	1.272	1211		0.35(0.26-0.79)		18.7	M
41 Perfluorotridecanoic acid										M
663.00 > 619.00	4.859	4.859	0.0	1.049	3787	0.004164	Target=4.56		0.9	M
663.00 > 169.00	4.870	4.859	0.011	1.051	930		4.07(2.28-6.84)		9.3	M
D 43 13C2 PFTeDA										M
715.00 > 670.00	5.071	5.052	0.019	1.460	1247956	1.24		99.5	884	M
42 Perfluorotetradecanoic acid										RM
713.00 > 169.00	5.071	5.052	0.019	1.000	1084	0.006777	Target=0.94		16.4	RM
713.00 > 219.00	5.062	5.052	0.010	0.998	680		1.59(0.47-1.41)		13.3	M
45 Perfluorohexadecanoic acid										M
813.00 > 769.00	5.455	5.422	0.033	1.000	13008	-0.006346	Target=4.38		4.1	M
813.00 > 169.00	5.455	5.422	0.033	1.000	3319		3.92(2.19-6.57)		40.8	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags

D 44 13C2 PFHxDA M

815.00 > 770.00 5.455 5.422 0.033 1.570 1260614 1.10 88.2 2220 M

46 Perfluorooctadecanoic acid M

913.00 > 869.00 5.844 5.795 0.049 1.071 2460 0.003669 Target=4.31 1.1 M

913.00 > 169.00 5.838 5.795 0.043 1.070 521 4.72(2.16-6.47) 11.8 M

QC Flag Legend

Processing Flags

R - Failed Signal Ratio Test

Review Flags

M - Manually Integrated

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d

Injection Date: 04-Aug-2022 20:42:16

Instrument ID: LC812

Lims ID: MB 200-182357/1-A

Client ID:

Operator ID: lc812tech

ALS Bottle#: 2

Worklist Smp#: 2

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

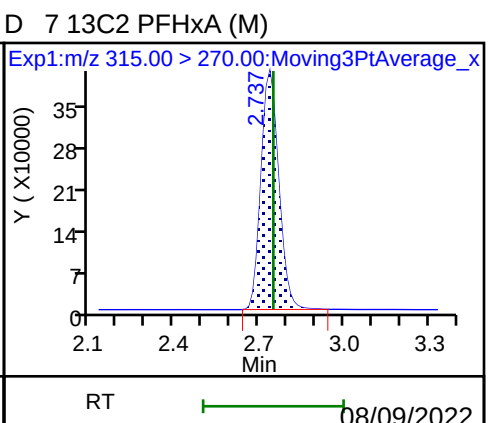
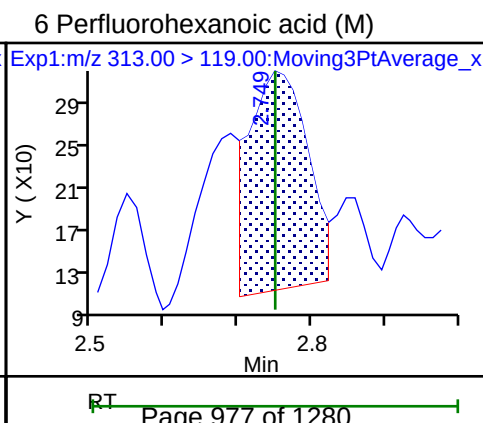
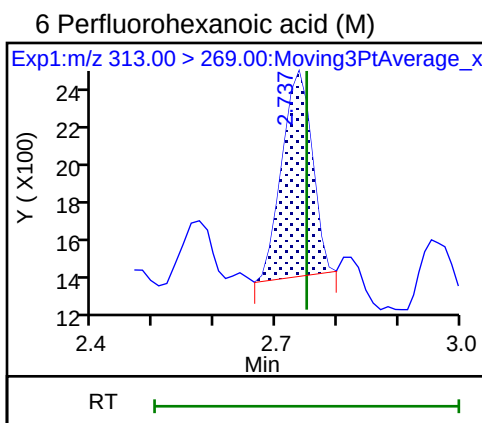
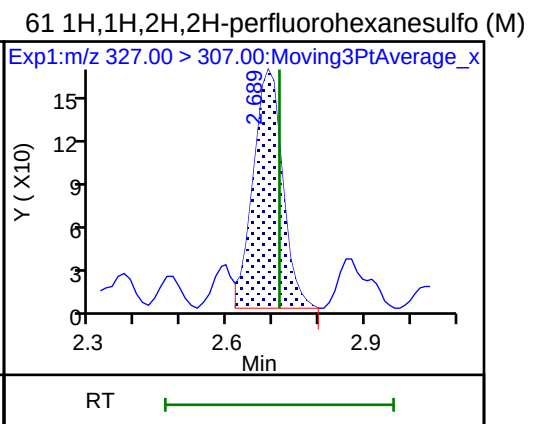
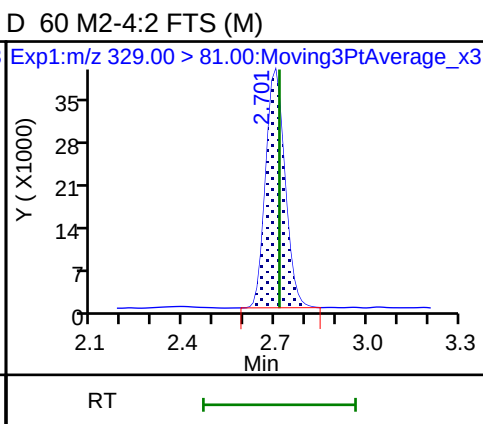
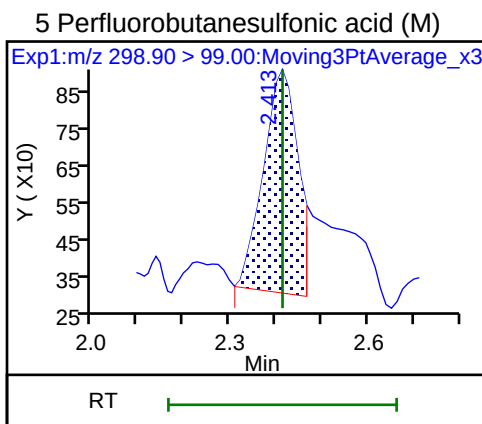
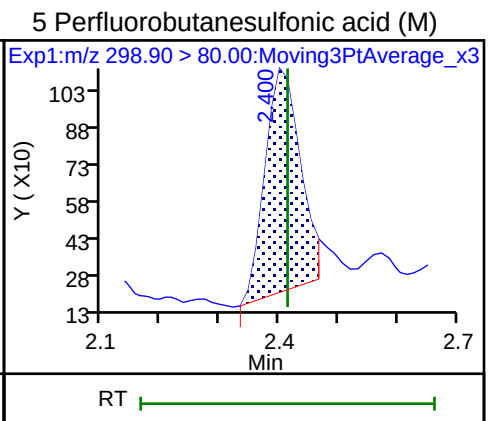
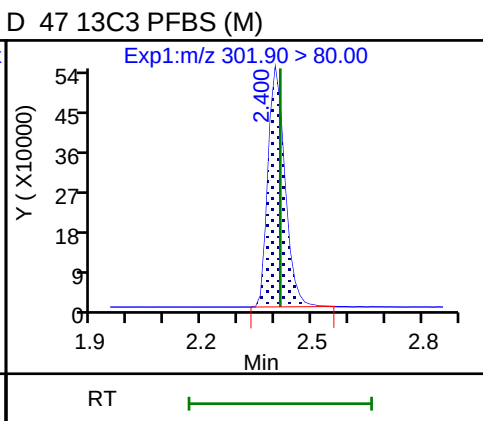
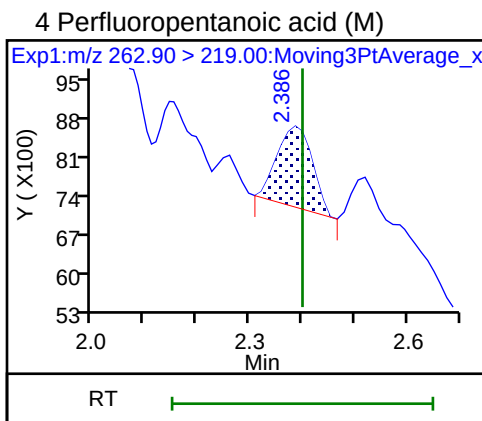
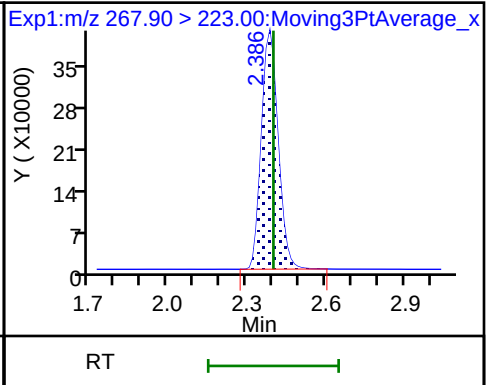
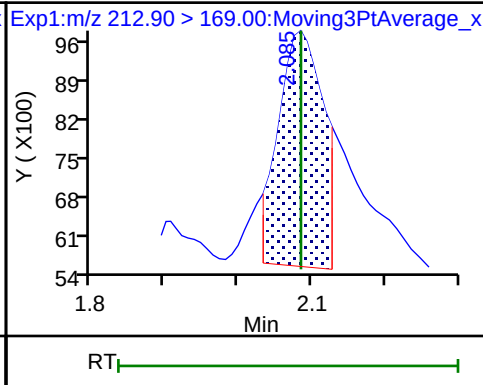
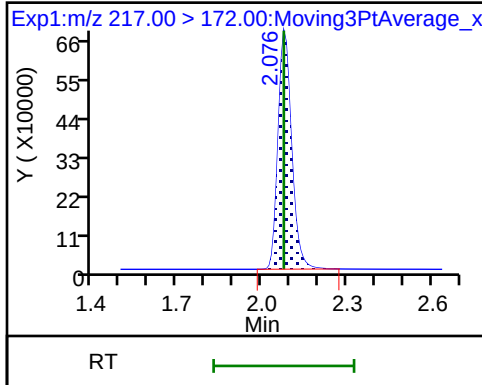
Method: PFC_LC812

Limit Group: LC_PFC_ICAL

D 1 13C4 PFBA (M)

2 Perfluorobutanoic acid (M)

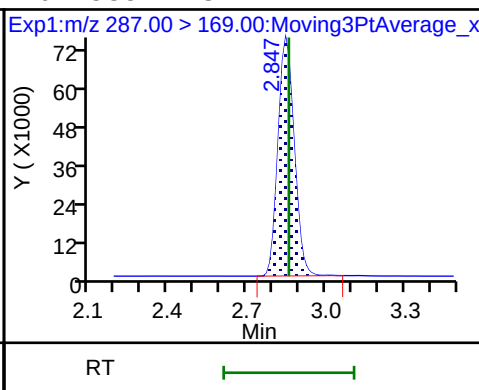
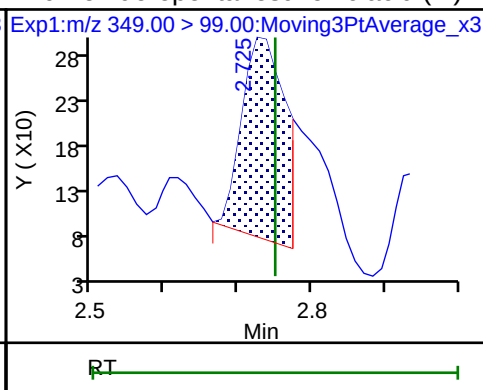
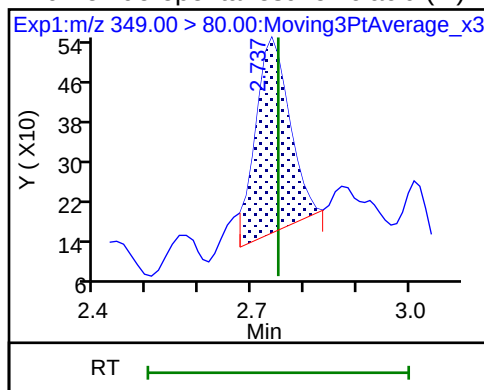
D 3 13C5 PFPeA



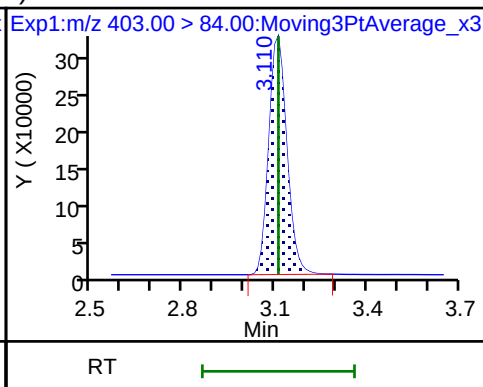
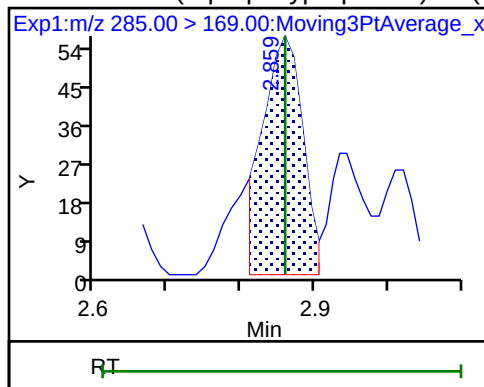
70 Perfluoropentanesulfonic acid (M)

70 Perfluoropentanesulfonic acid (M)

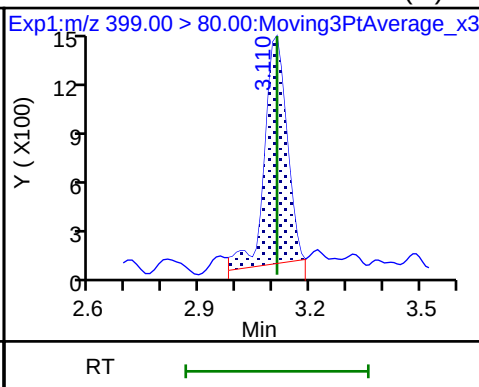
D 64 13C3 HFPO-DA



67 Perfluoro(2-propoxypropanoic) ac (M)



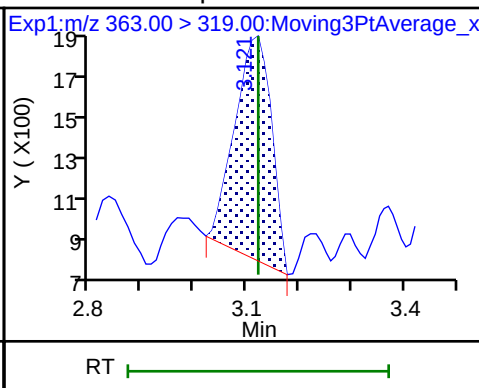
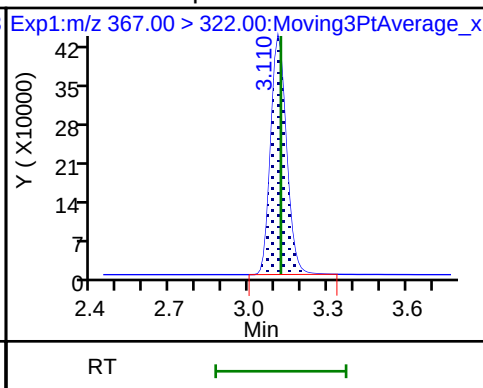
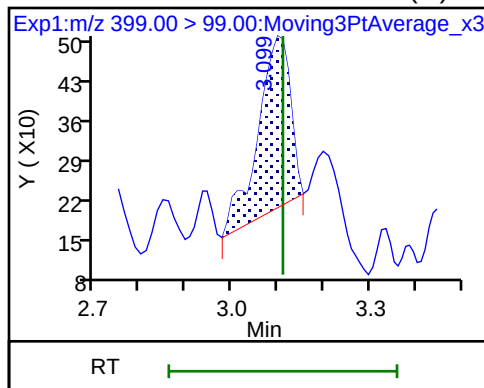
8 Perfluorohexanesulfonic acid (M)



8 Perfluorohexanesulfonic acid (M)

D 9 13C4 PFHpA

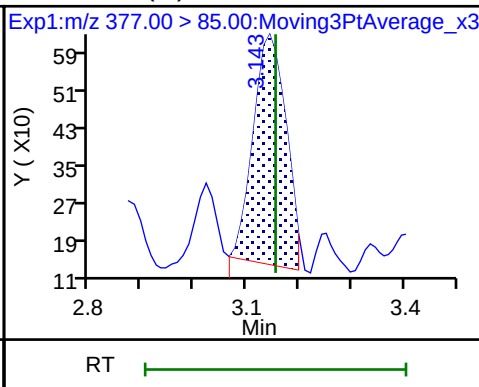
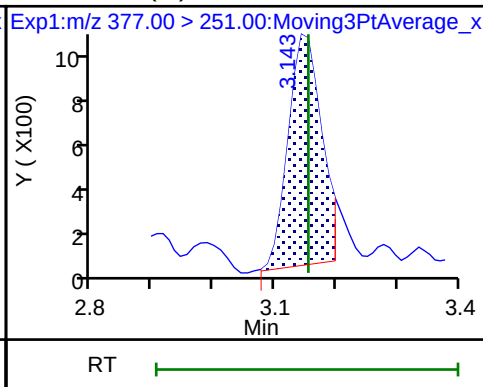
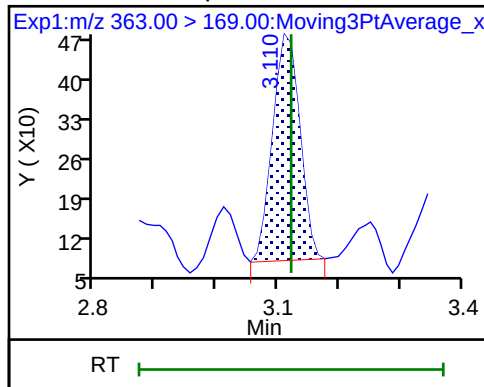
10 Perfluoroheptanoic acid



10 Perfluoroheptanoic acid

77 DONA (M)

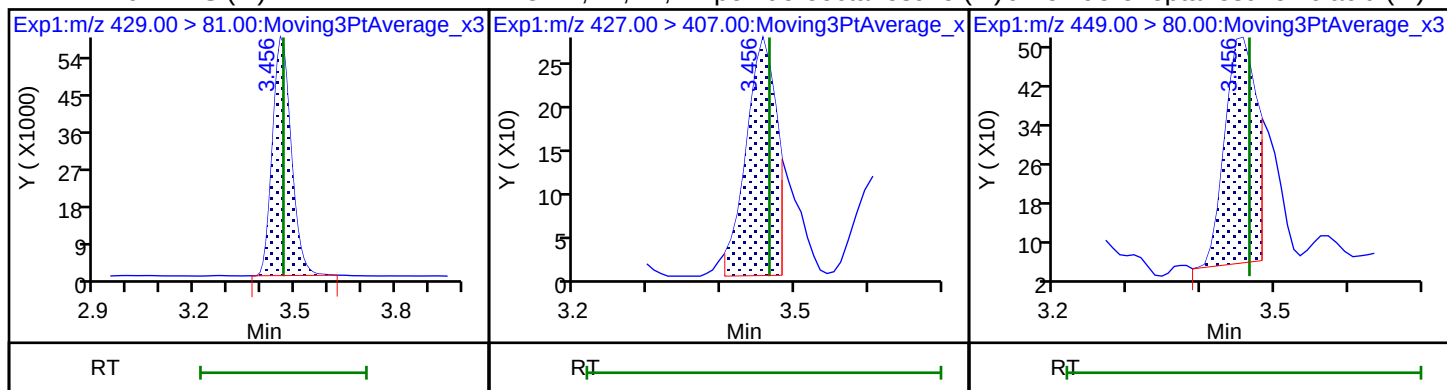
77 DONA (M)



D 12 M2-6:2 FTS (M)

13 1H,1H,2H,2H-perfluorooctanesulfo (M)

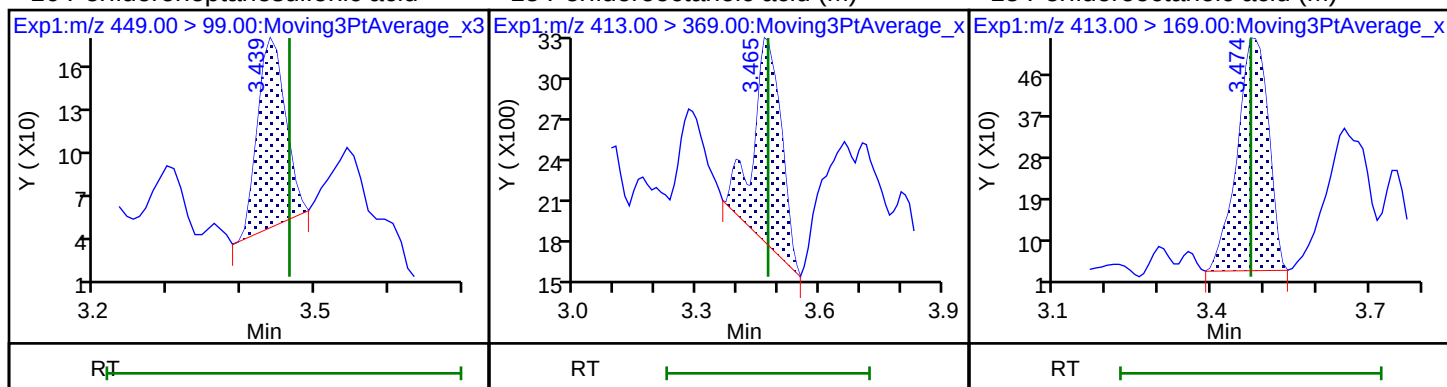
16 Perfluoroheptanesulfonic acid (M)



16 Perfluoroheptanesulfonic acid

15 Perfluorooctanoic acid (M)

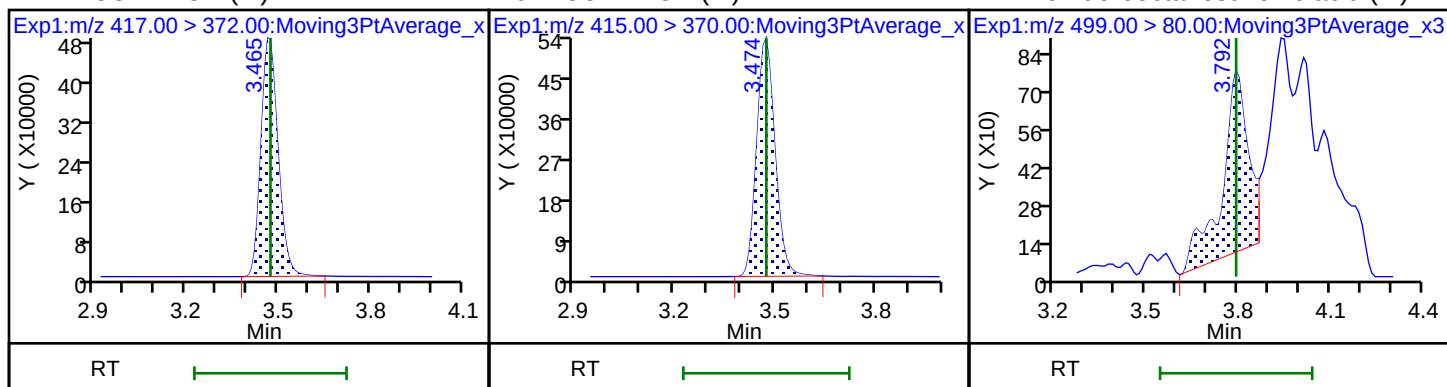
15 Perfluorooctanoic acid (M)



D 14 13C4 PFOA (M)

* 62 13C2 PFOA (M)

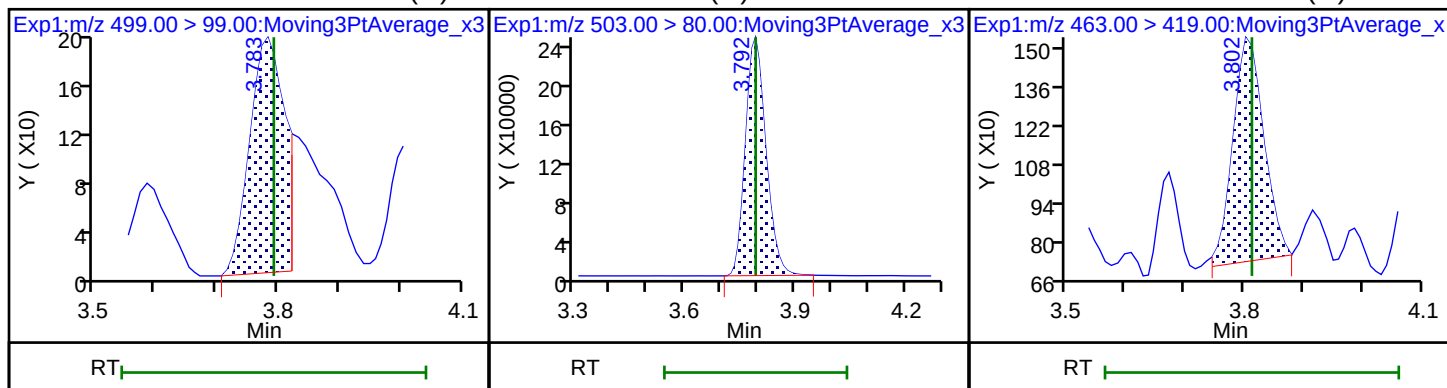
17 Perfluorooctanesulfonic acid (M)

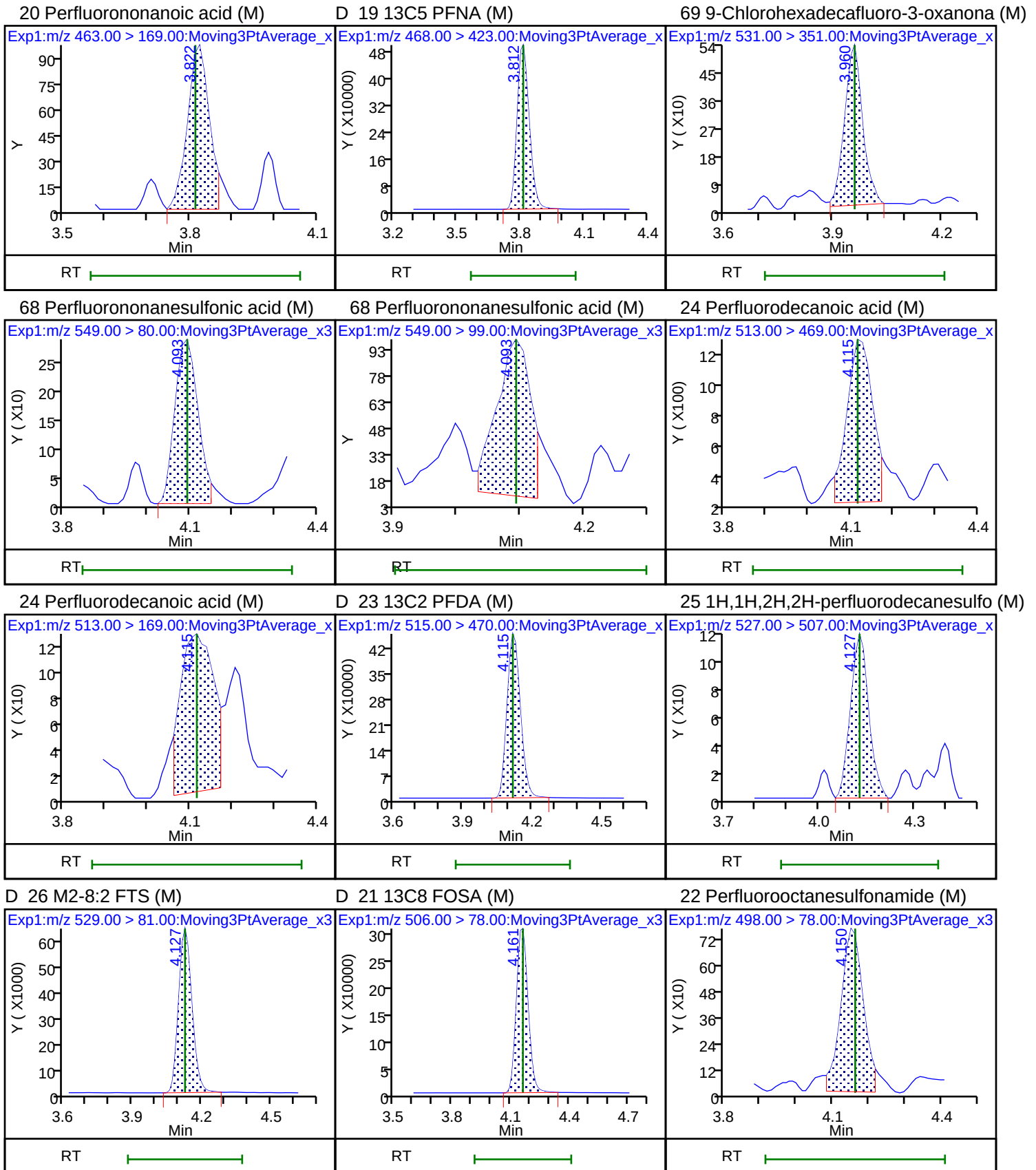


17 Perfluorooctanesulfonic acid (M)

D 18 13C4 PFOS (M)

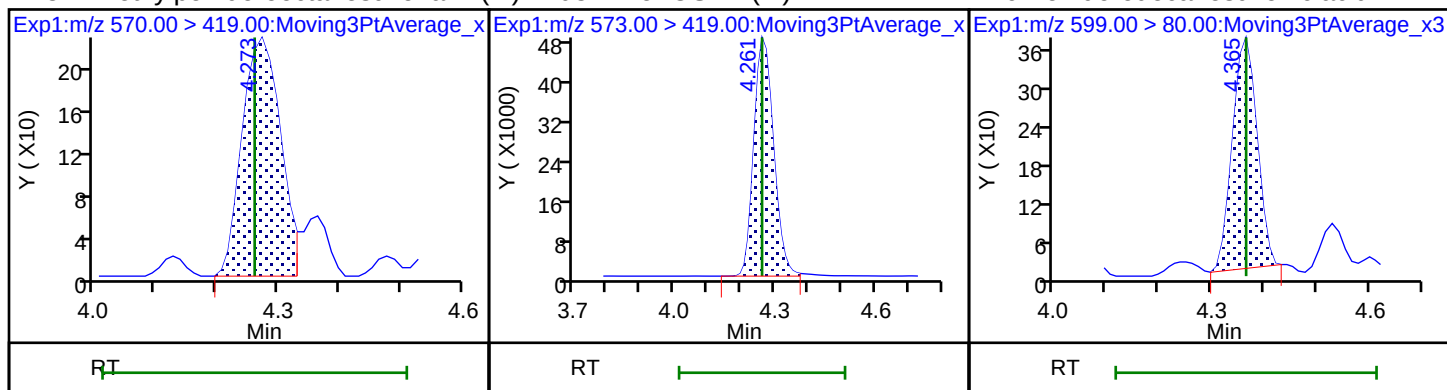
20 Perfluorononanoic acid (M)





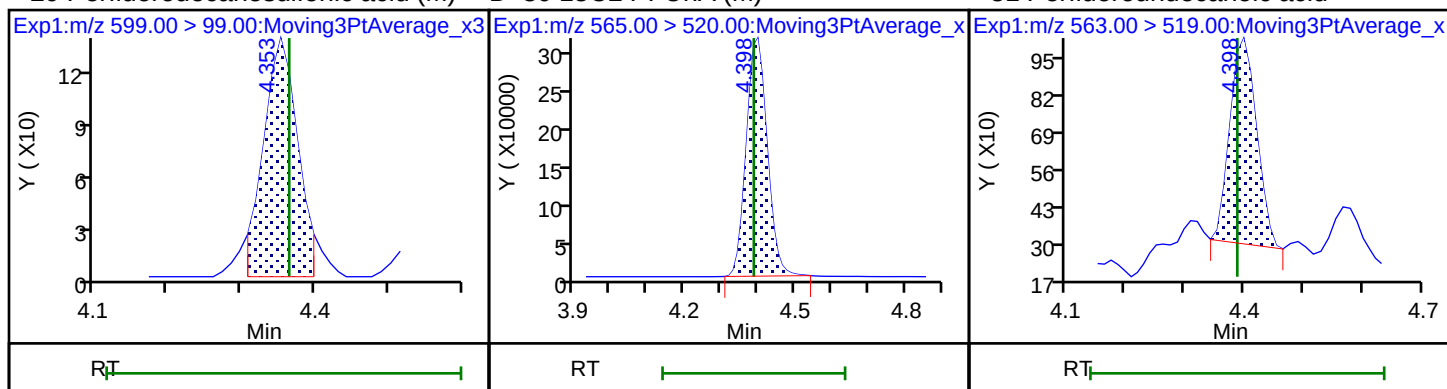
28 N-methylperfluorooctanesulfonami (M) 27 d3-NMeFOSAA (M)

29 Perfluorodecanesulfonic acid



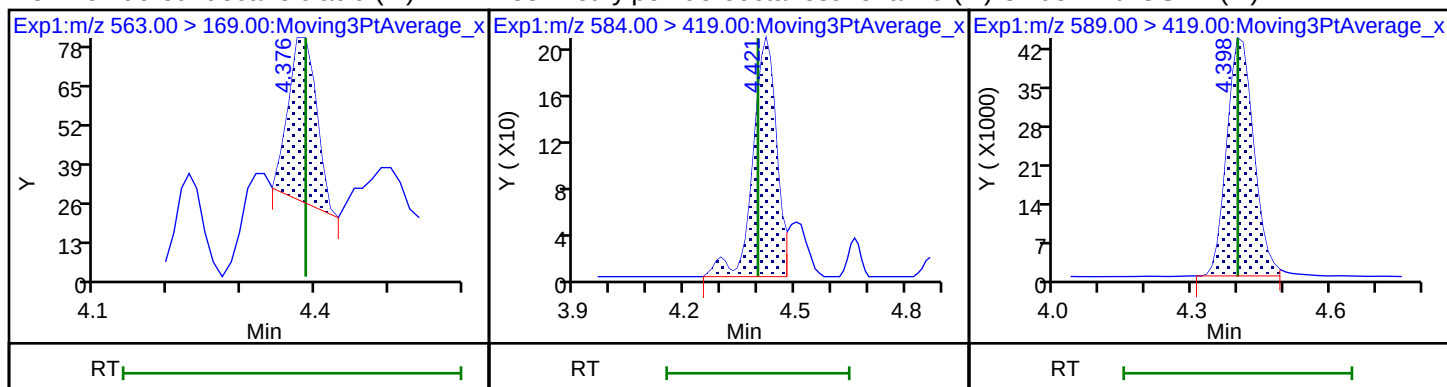
29 Perfluorodecanesulfonic acid (M) D 30 13C2 PFUnA (M)

31 Perfluoroundecanoic acid



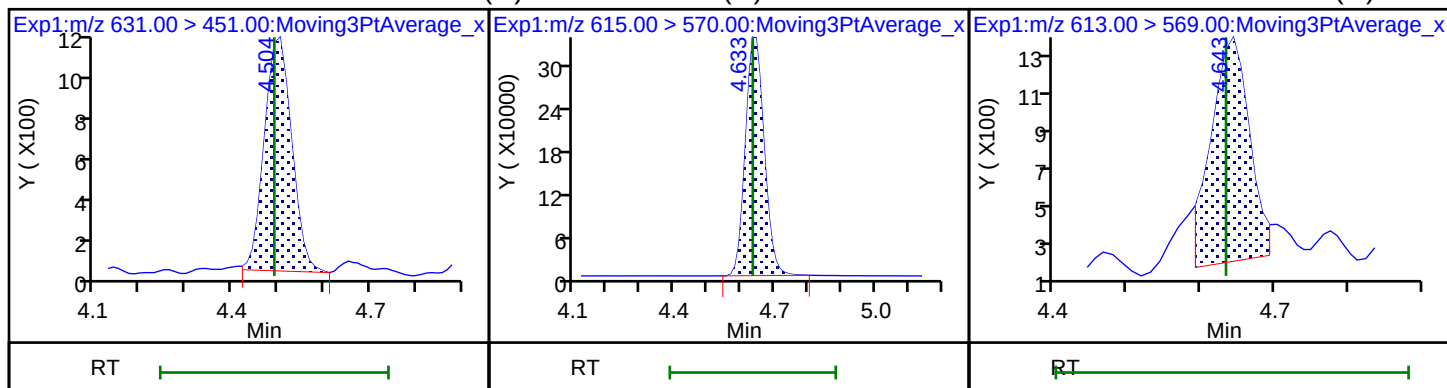
31 Perfluoroundecanoic acid (M)

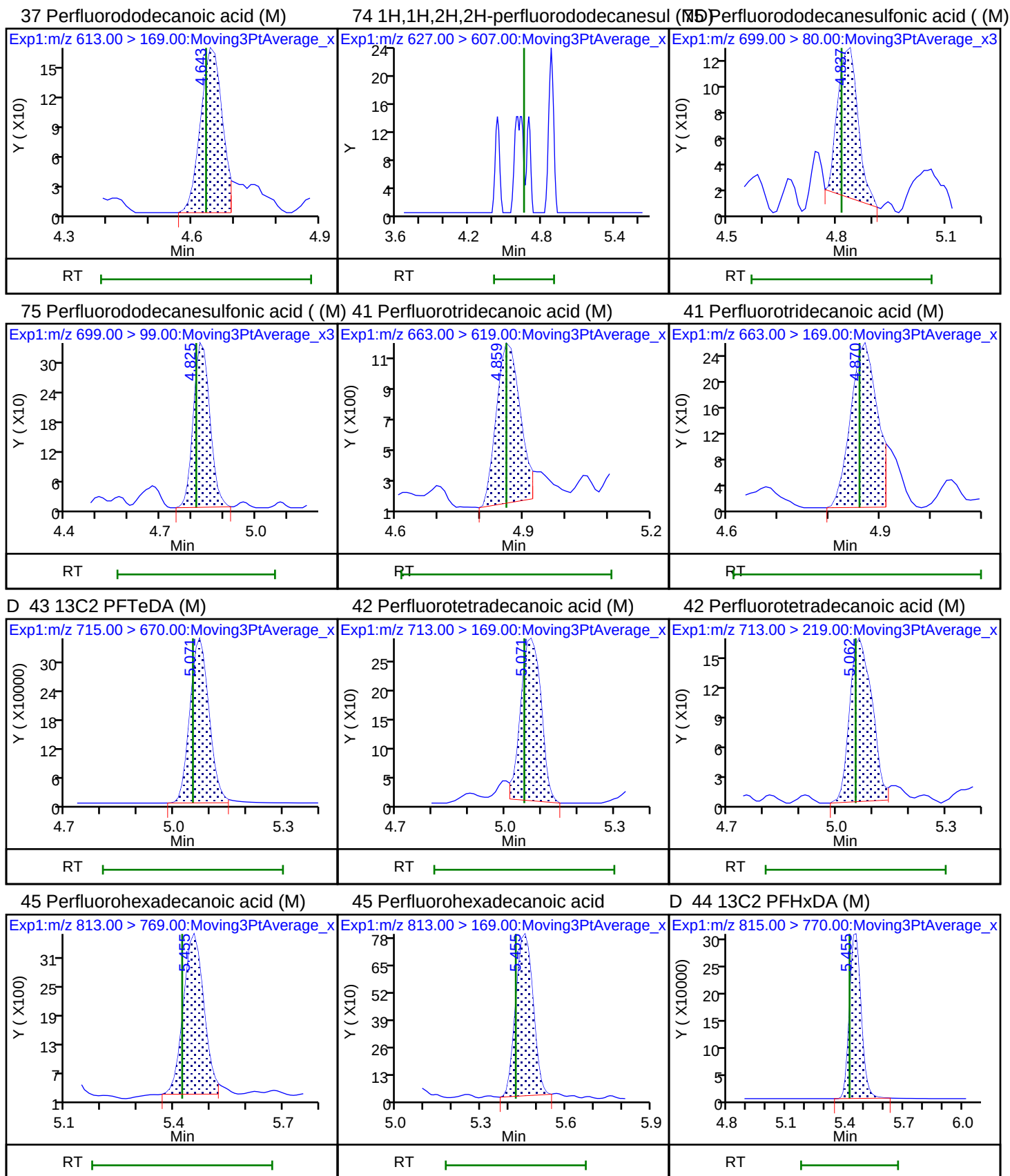
33 N-ethylperfluorooctanesulfonamid (M) 32 d5-NEtFOSAA (M)



66 11-Chloroeicosafluoro-3-oxaundec (M) 36 13C2 PFDa (M)

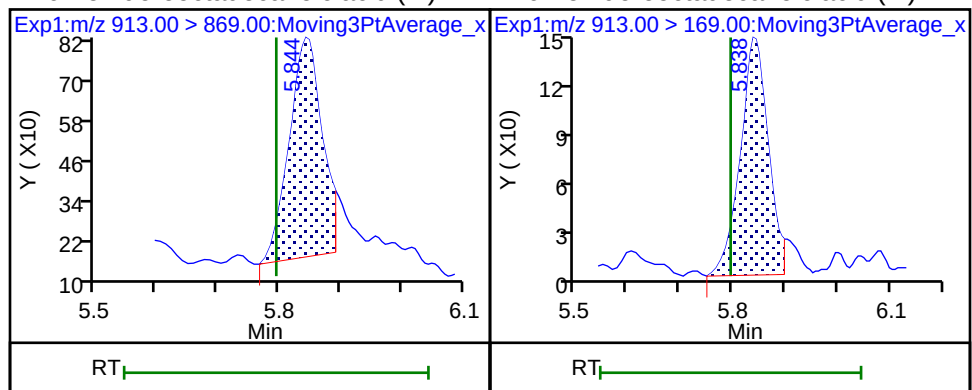
37 Perfluorododecanoic acid (M)





46 Perfluorooctadecanoic acid (M)

46 Perfluorooctadecanoic acid (M)



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d

Injection Date: 04-Aug-2022 20:42:16

Instrument ID: LC812

Lims ID: MB 200-182357/1-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

2

Worklist Smp#: 2

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

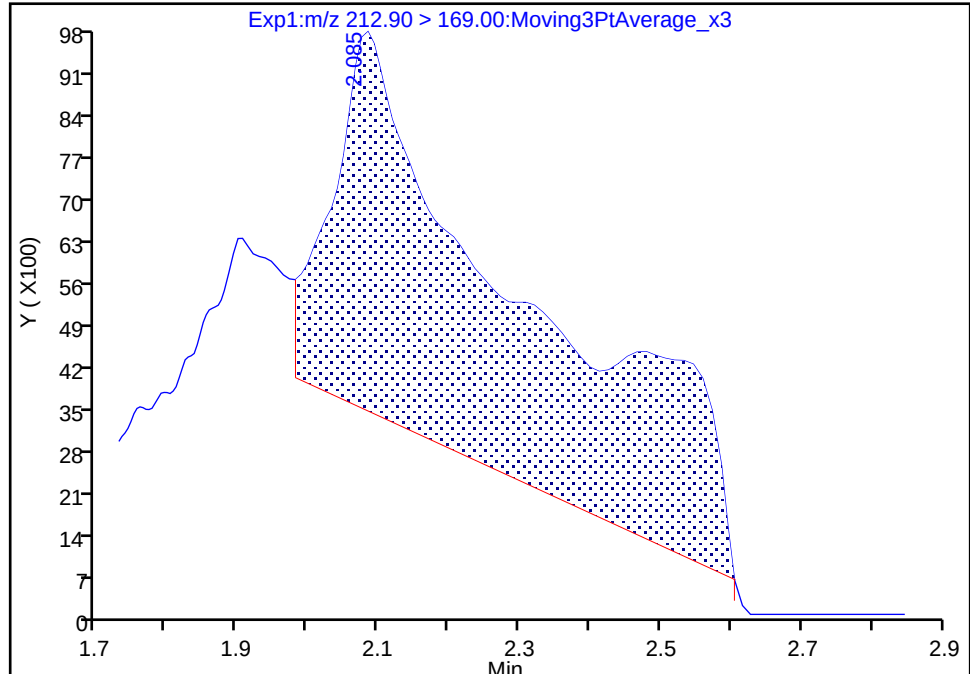
EXP1

2 Perfluorobutanoic acid, CAS: 375-22-4

Signal: 1

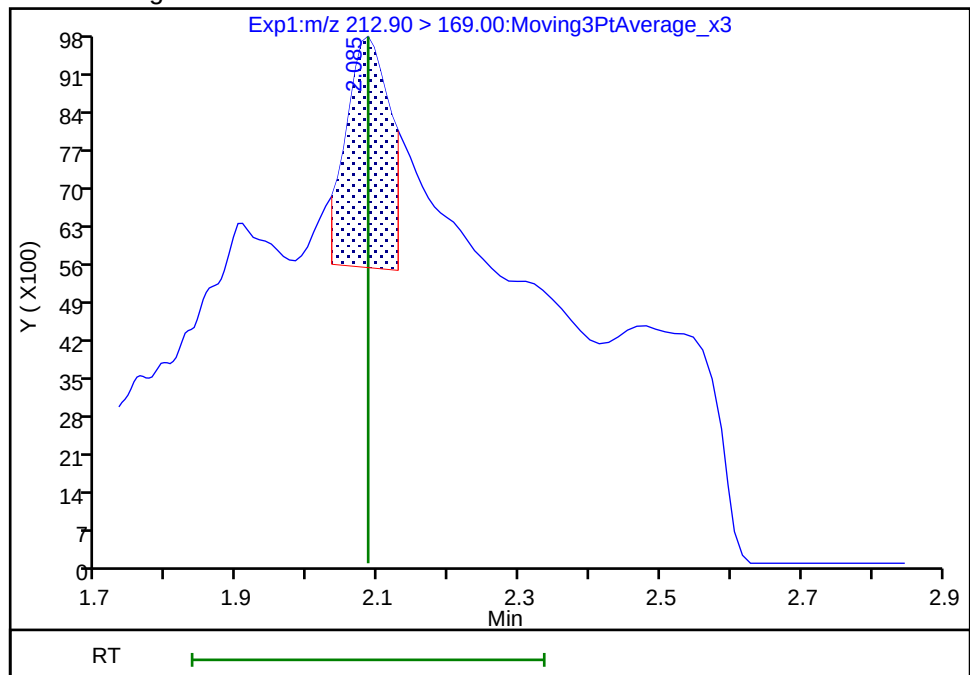
RT: 2.08
Area: 123325
Amount: 0.070372
Amount Units: ng/ml

Processing Integration Results



RT: 2.08
Area: 17799
Amount: 0.010209
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:16:28

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d

Injection Date: 04-Aug-2022 20:42:16

Instrument ID: LC812

Lims ID: MB 200-182357/1-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

2

Worklist Smp#: 2

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

EXP1

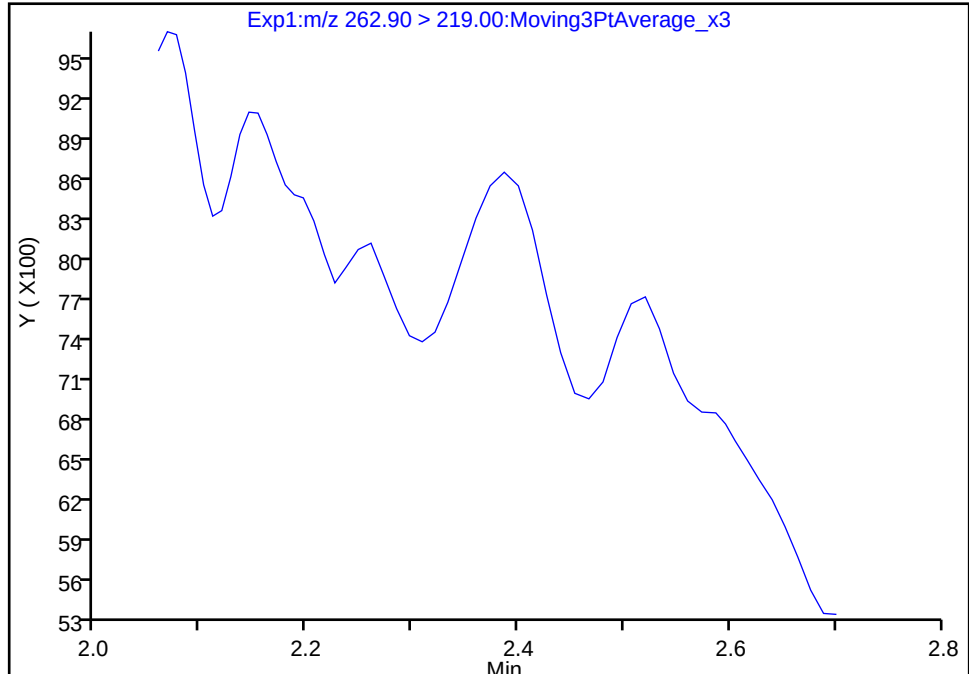
4 Perfluoropentanoic acid, CAS: 2706-90-3

Signal: 1

Not Detected

Expected RT: 2.40

Processing Integration Results



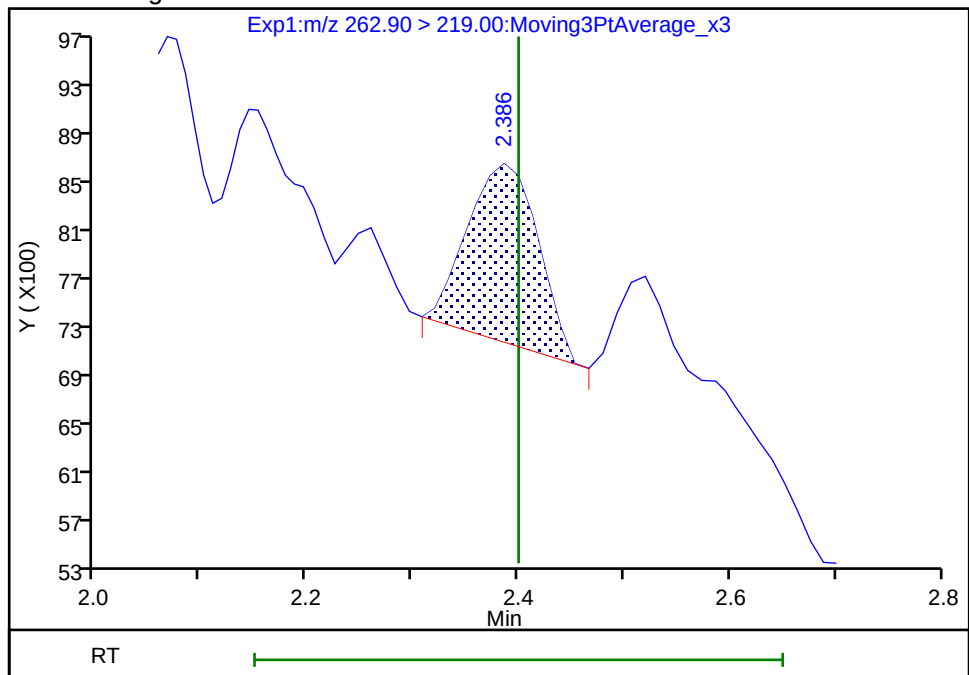
RT: 2.39

Area: 6744

Amount: 0.004569

Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:16:35

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

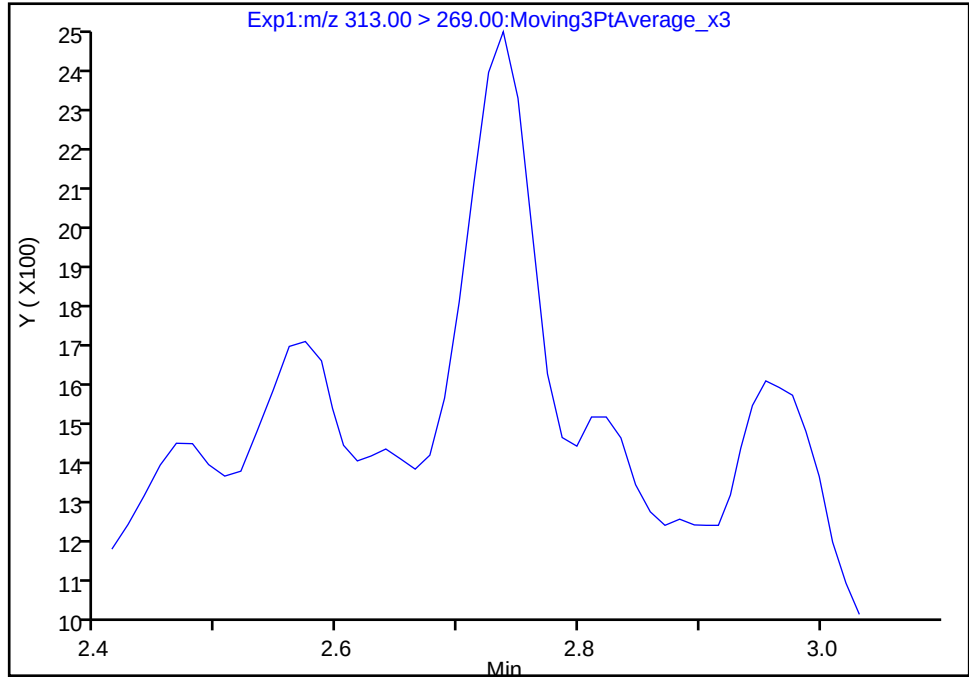
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d
Injection Date: 04-Aug-2022 20:42:16 Instrument ID: LC812
Lims ID: MB 200-182357/1-A
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

6 Perfluorohexanoic acid, CAS: 307-24-4

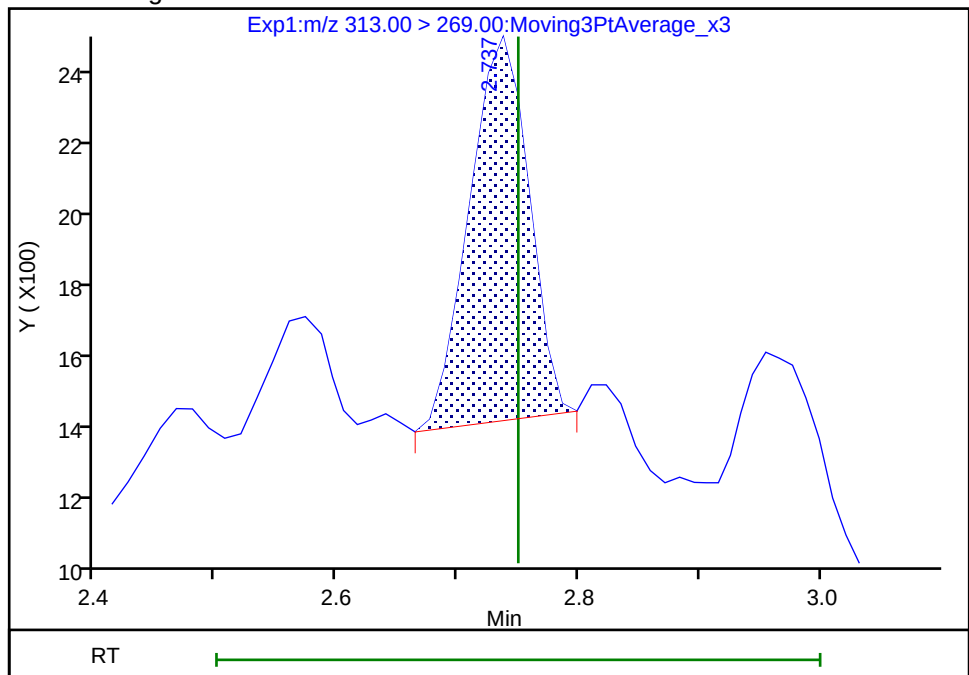
Signal: 1

Not Detected
Expected RT: 2.75

Processing Integration Results



Manual Integration Results



RT: 2.74
Area: 3539
Amount: 0.002396
Amount Units: ng/ml

Reviewer: khanphomeea, 05-Aug-2022 11:17:06

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

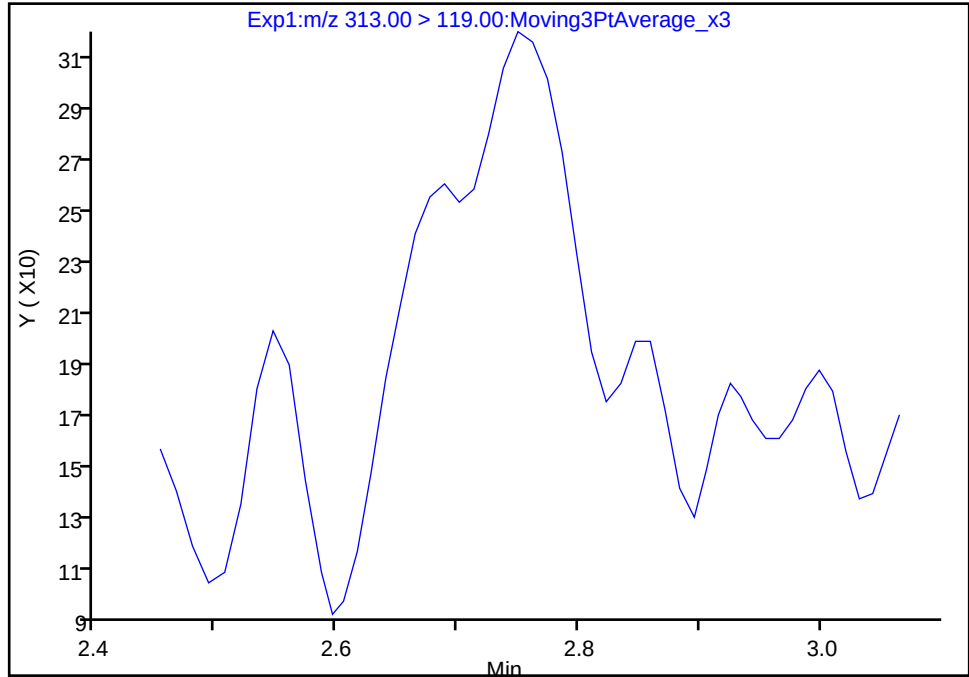
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d
Injection Date: 04-Aug-2022 20:42:16 Instrument ID: LC812
Lims ID: MB 200-182357/1-A
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

6 Perfluorohexanoic acid, CAS: 307-24-4

Signal: 2

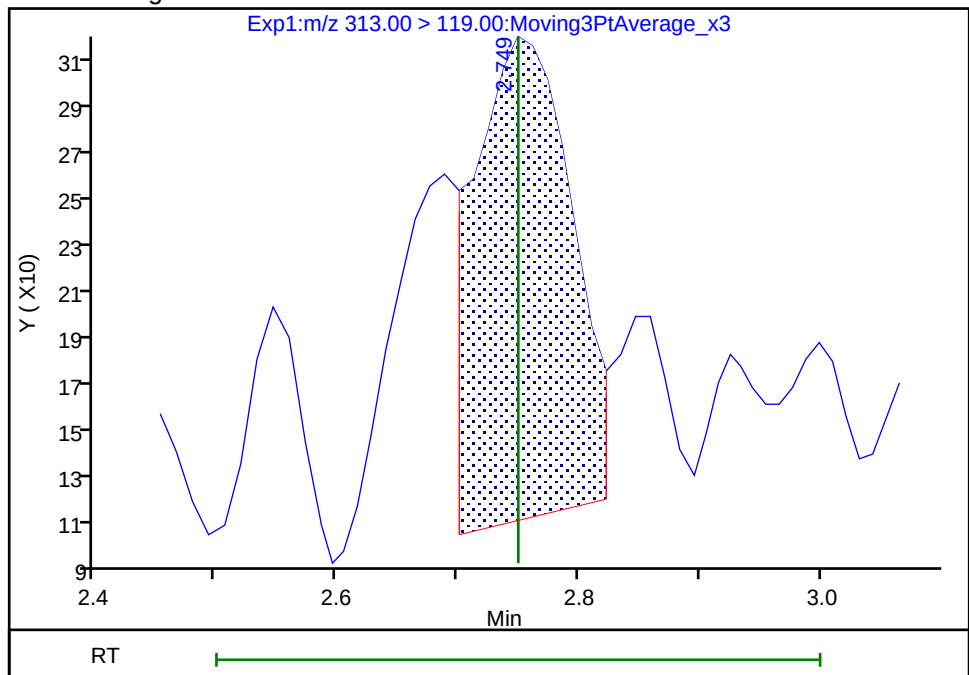
Not Detected
Expected RT: 2.75

Processing Integration Results



Manual Integration Results

RT: 2.75
Area: 1120
Amount: 0.002396
Amount Units: ng/ml



Reviewer: khanphomeea, 05-Aug-2022 11:17:09

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d

Injection Date: 04-Aug-2022 20:42:16

Instrument ID: LC812

Lims ID: MB 200-182357/1-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

2

Worklist Smp#: 2

Injection Vol: 20.0 ul

Dil. Factor:

1.0000

Method: PFC_LC812

Limit Group:

LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

EXP1

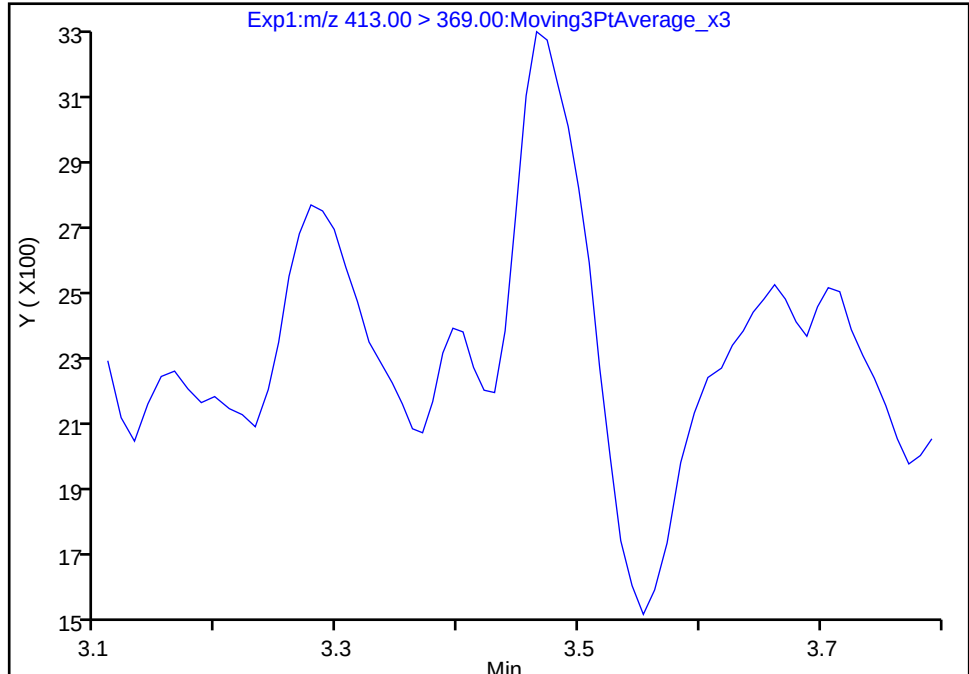
15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 1

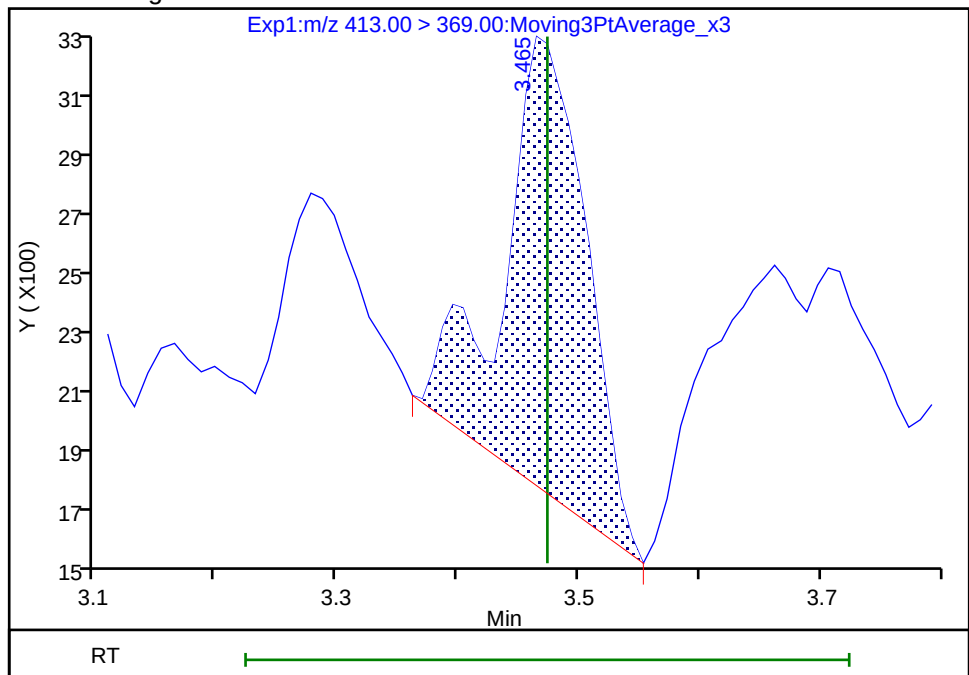
Not Detected

Expected RT: 3.47

Processing Integration Results



Manual Integration Results



RT: 3.46

Area: 7160

Amount: 0.004264

Amount Units: ng/ml

Reviewer: khanphomeea, 05-Aug-2022 11:18:09

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

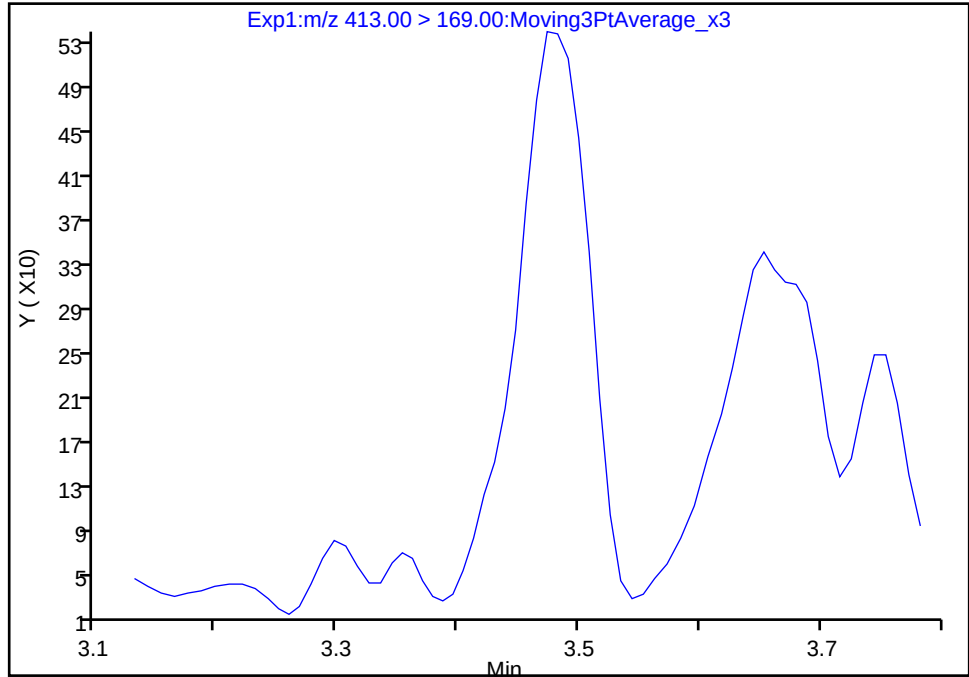
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d
Injection Date: 04-Aug-2022 20:42:16 Instrument ID: LC812
Lims ID: MB 200-182357/1-A
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 2

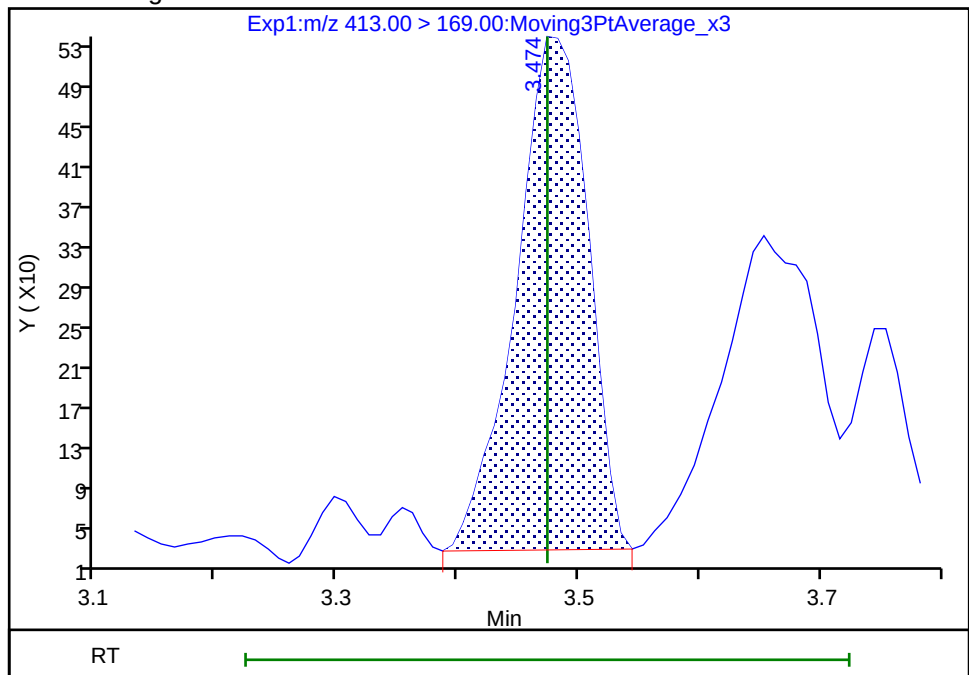
Not Detected
Expected RT: 3.47

Processing Integration Results



Manual Integration Results

RT: 3.47
Area: 2095
Amount: 0.004264
Amount Units: ng/ml



Reviewer: khanphomeea, 05-Aug-2022 11:18:12

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d

Injection Date: 04-Aug-2022 20:42:16

Instrument ID: LC812

Lims ID: MB 200-182357/1-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

2

Worklist Smp#: 2

Injection Vol: 20.0 ul

Dil. Factor:

1.0000

Method: PFC_LC812

Limit Group:

LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

EXP1

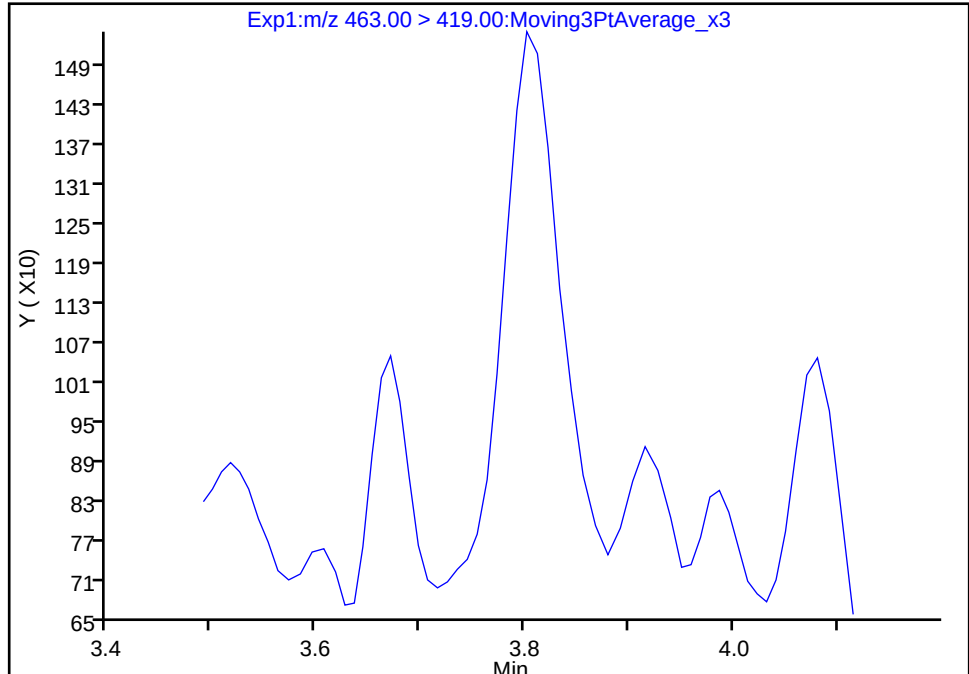
20 Perfluorononanoic acid, CAS: 375-95-1

Signal: 1

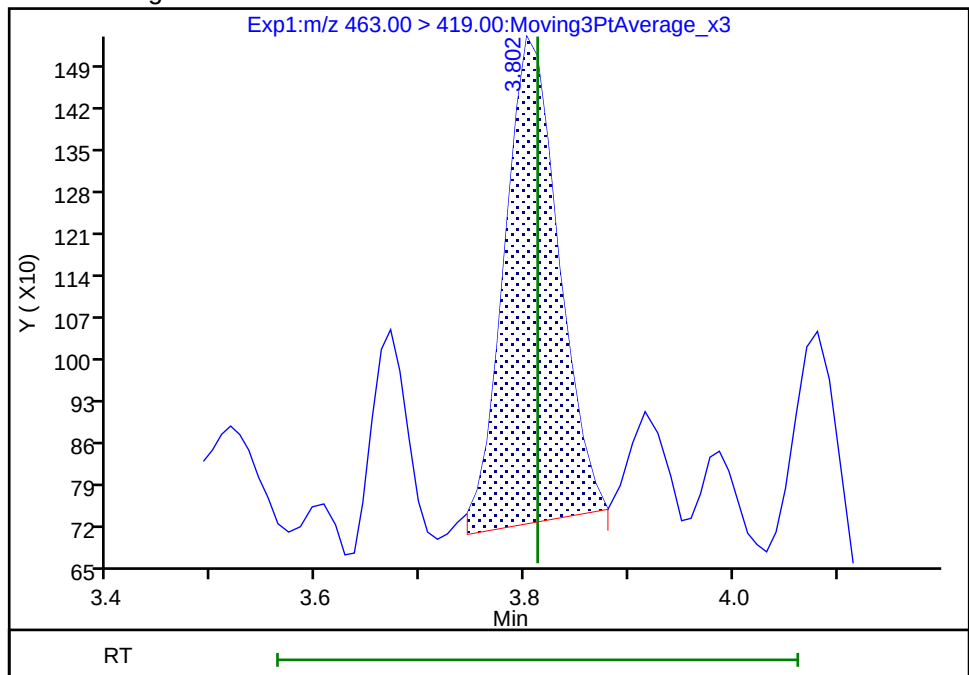
Not Detected

Expected RT: 3.81

Processing Integration Results



Manual Integration Results



RT: 3.80

Area: 2940

Amount: 0.001849

Amount Units: ng/ml

Reviewer: khanphomeea, 05-Aug-2022 11:18:54

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

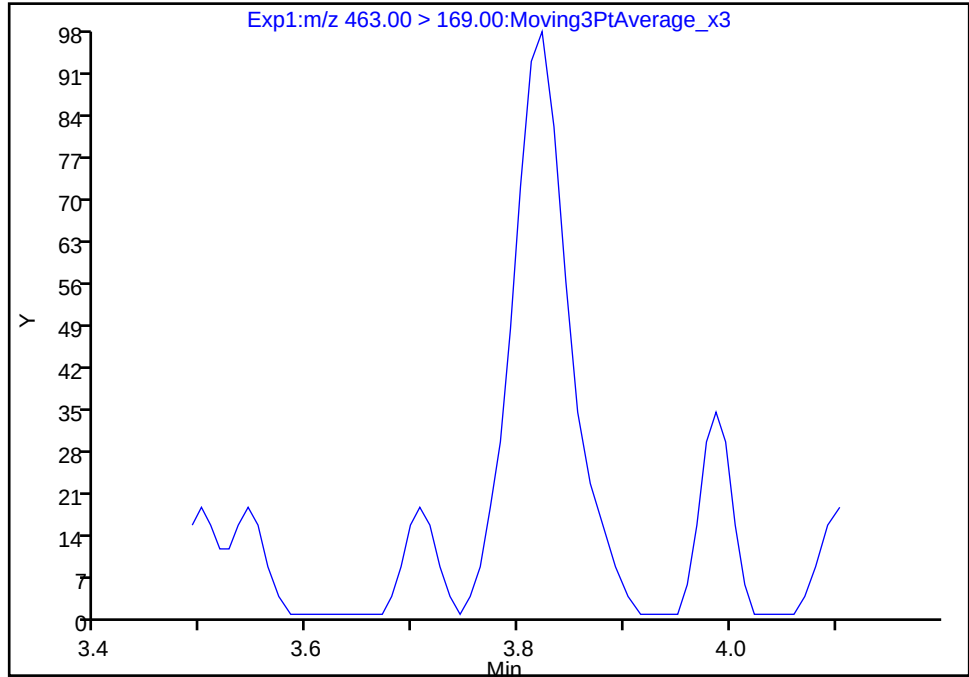
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d
Injection Date: 04-Aug-2022 20:42:16 Instrument ID: LC812
Lims ID: MB 200-182357/1-A
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

20 Perfluorononanoic acid, CAS: 375-95-1

Signal: 2

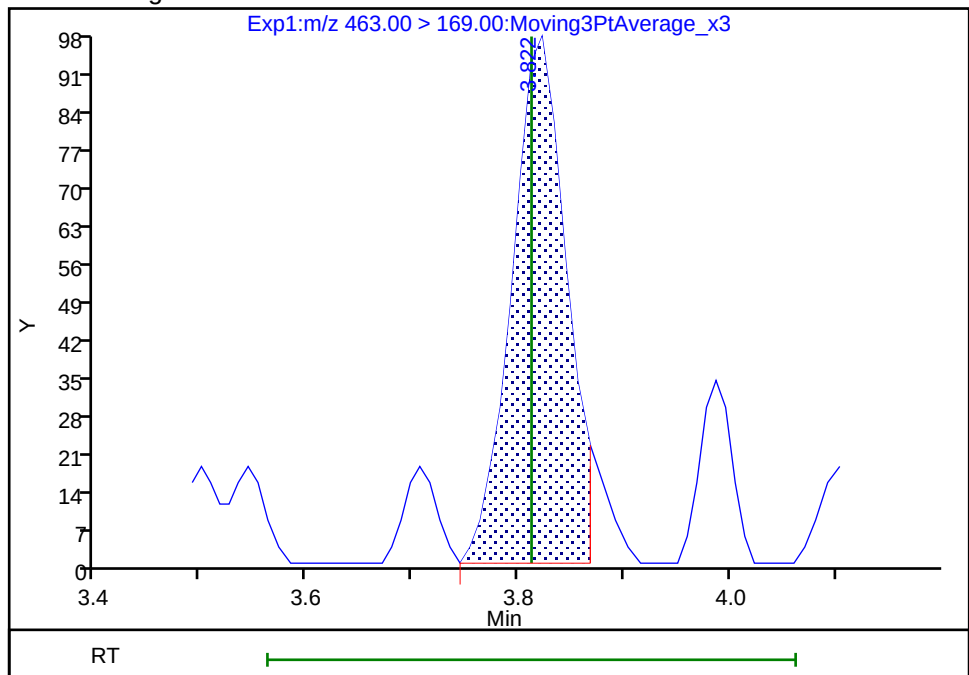
Not Detected
Expected RT: 3.81

Processing Integration Results



Manual Integration Results

RT: 3.82
Area: 347
Amount: 0.001849
Amount Units: ng/ml



Reviewer: khanphomeea, 05-Aug-2022 11:18:56

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

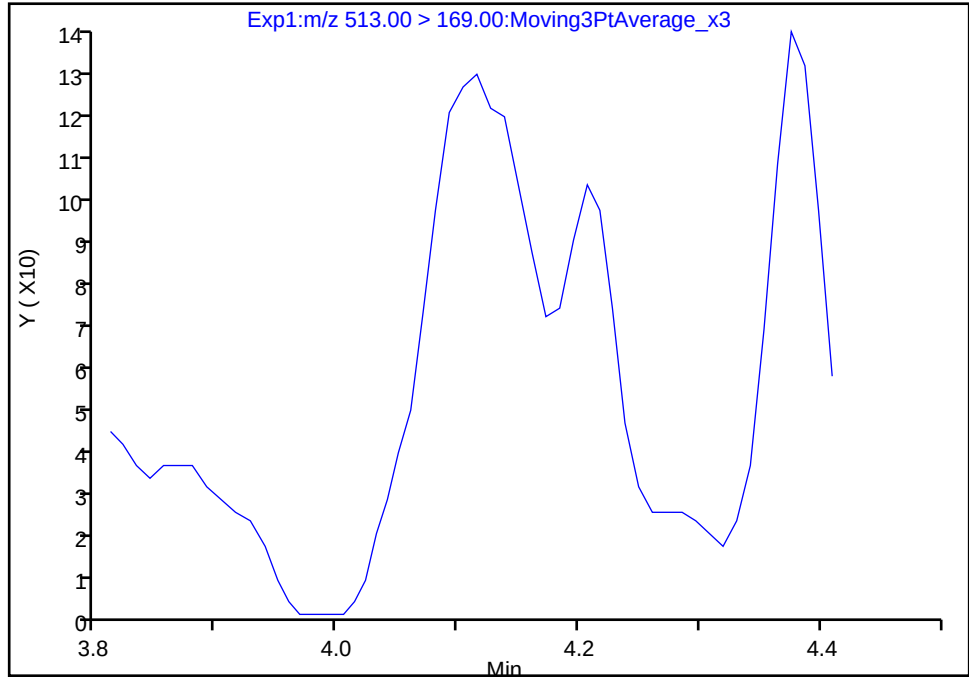
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d
Injection Date: 04-Aug-2022 20:42:16 Instrument ID: LC812
Lims ID: MB 200-182357/1-A
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

24 Perfluorodecanoic acid, CAS: 335-76-2

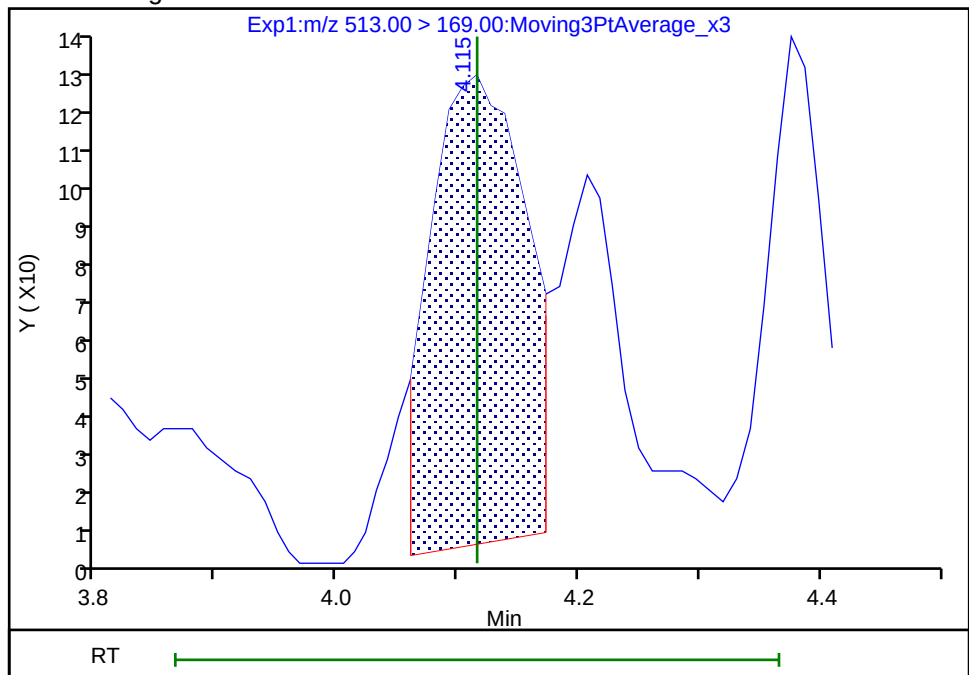
Signal: 2

Not Detected
Expected RT: 4.12

Processing Integration Results



Manual Integration Results



RT: 4.12
Area: 653
Amount: 0.002902
Amount Units: ng/ml

Reviewer: khanphomeea, 05-Aug-2022 11:19:31

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

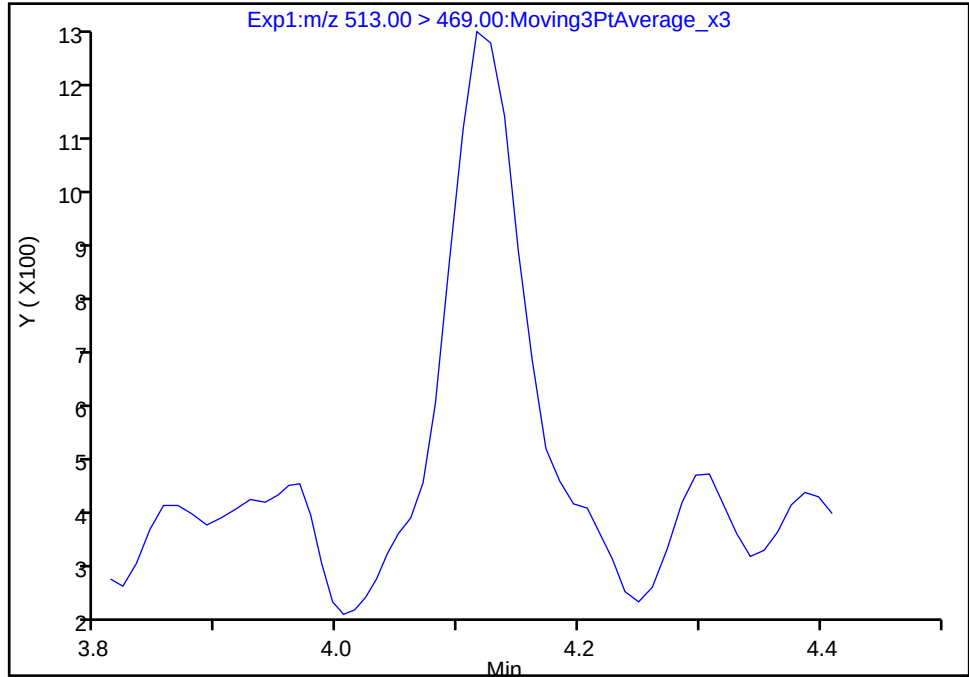
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d
Injection Date: 04-Aug-2022 20:42:16 Instrument ID: LC812
Lims ID: MB 200-182357/1-A
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

24 Perfluorodecanoic acid, CAS: 335-76-2

Signal: 1

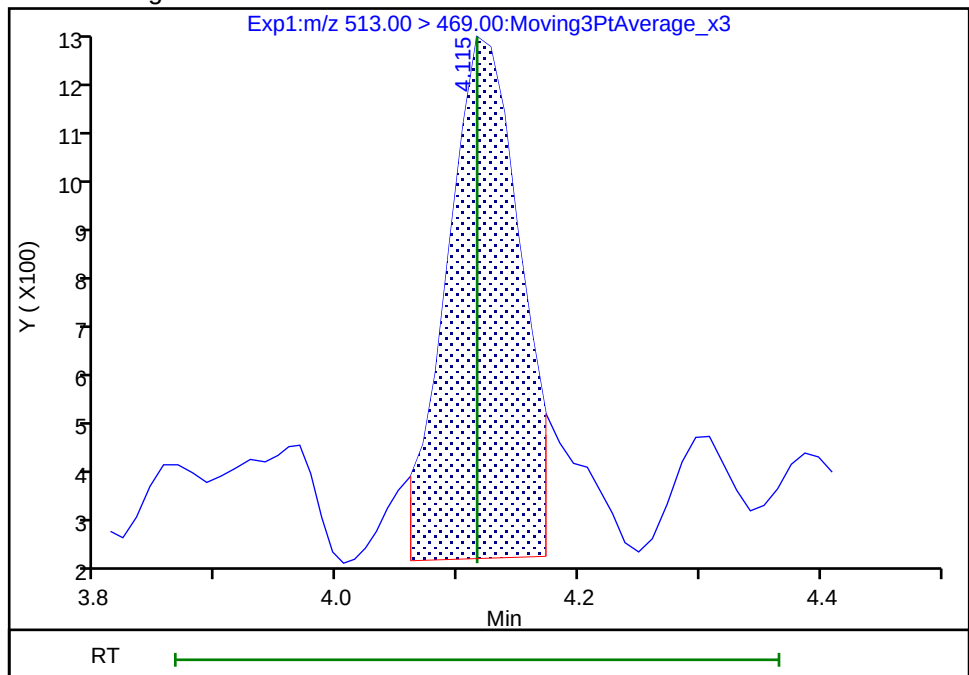
Not Detected
Expected RT: 4.12

Processing Integration Results



Manual Integration Results

RT: 4.12
Area: 4436
Amount: 0.002902
Amount Units: ng/ml



Reviewer: FDT7, 08-Aug-2022 09:07:10

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

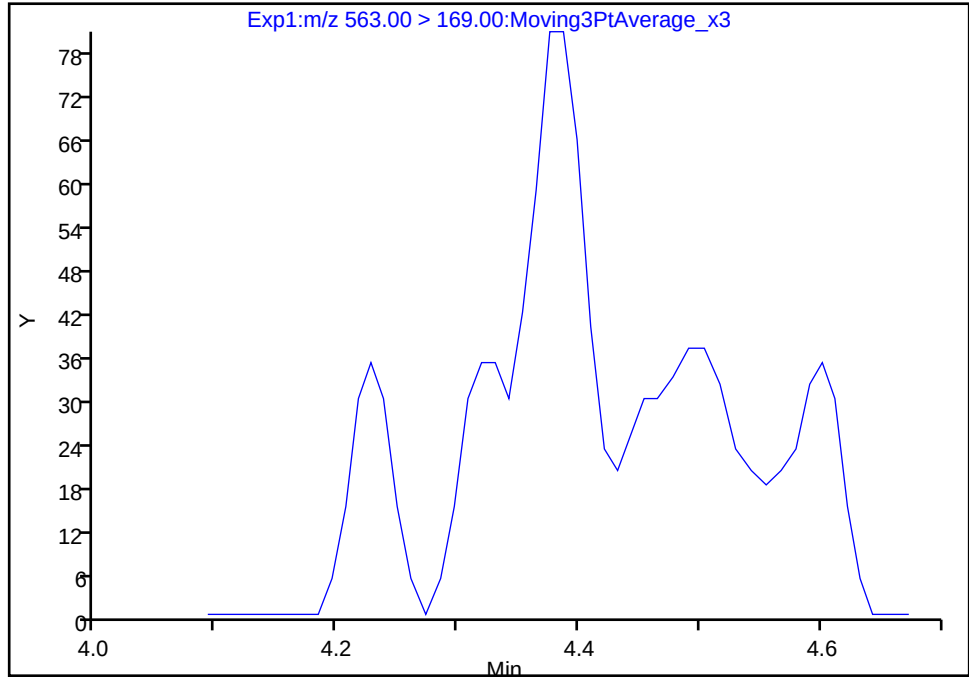
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d
Injection Date: 04-Aug-2022 20:42:16 Instrument ID: LC812
Lims ID: MB 200-182357/1-A
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

31 Perfluoroundecanoic acid, CAS: 2058-94-8

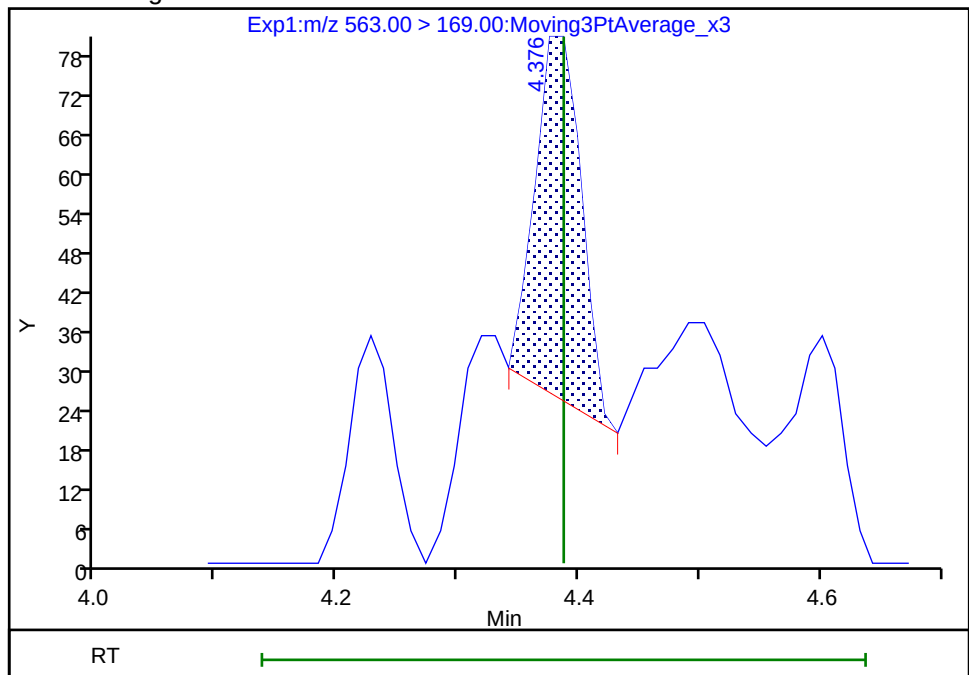
Signal: 2

Not Detected
Expected RT: 4.39

Processing Integration Results



Manual Integration Results



RT: 4.38
Area: 147
Amount: 0.002153
Amount Units: ng/ml

Reviewer: khanphomeea, 05-Aug-2022 11:20:11

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

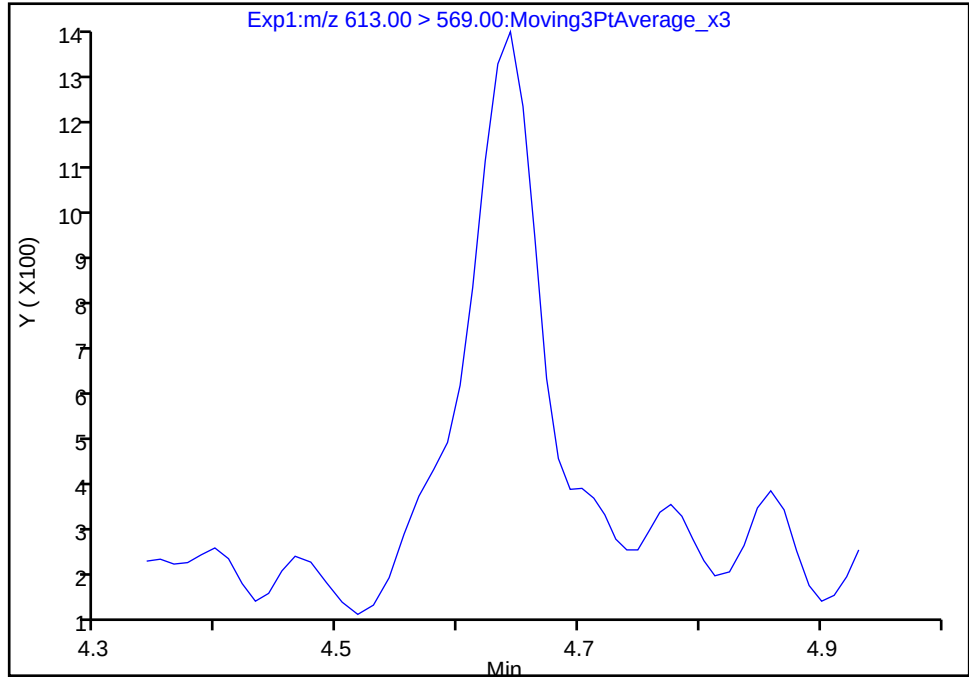
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d
Injection Date: 04-Aug-2022 20:42:16 Instrument ID: LC812
Lims ID: MB 200-182357/1-A
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

37 Perfluorododecanoic acid, CAS: 307-55-1

Signal: 1

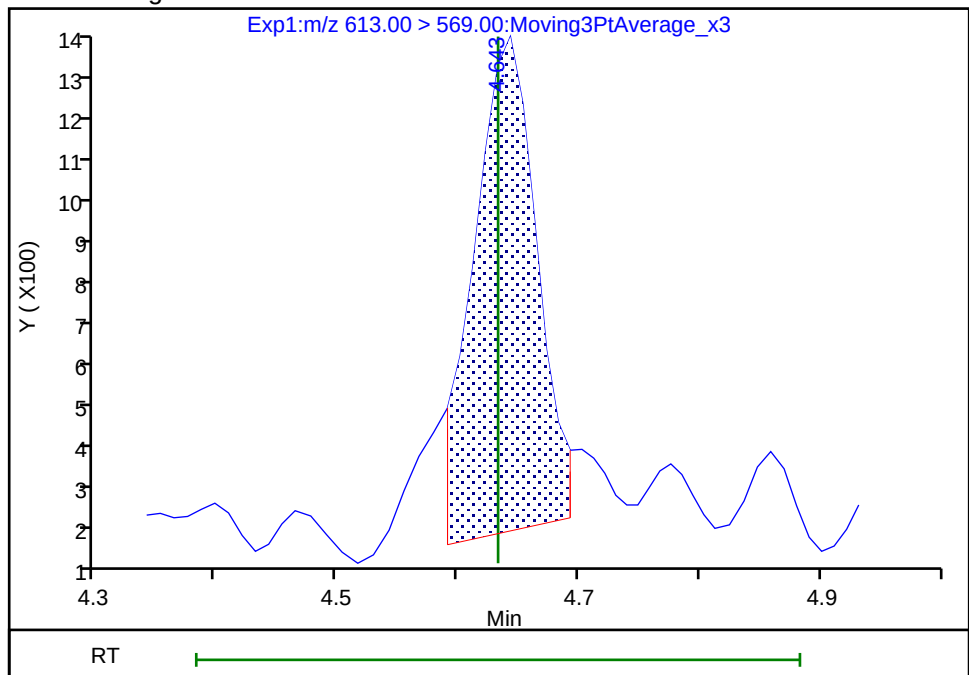
Not Detected
Expected RT: 4.63

Processing Integration Results



RT: 4.64
Area: 4043
Amount: 0.003854
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:20:43

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

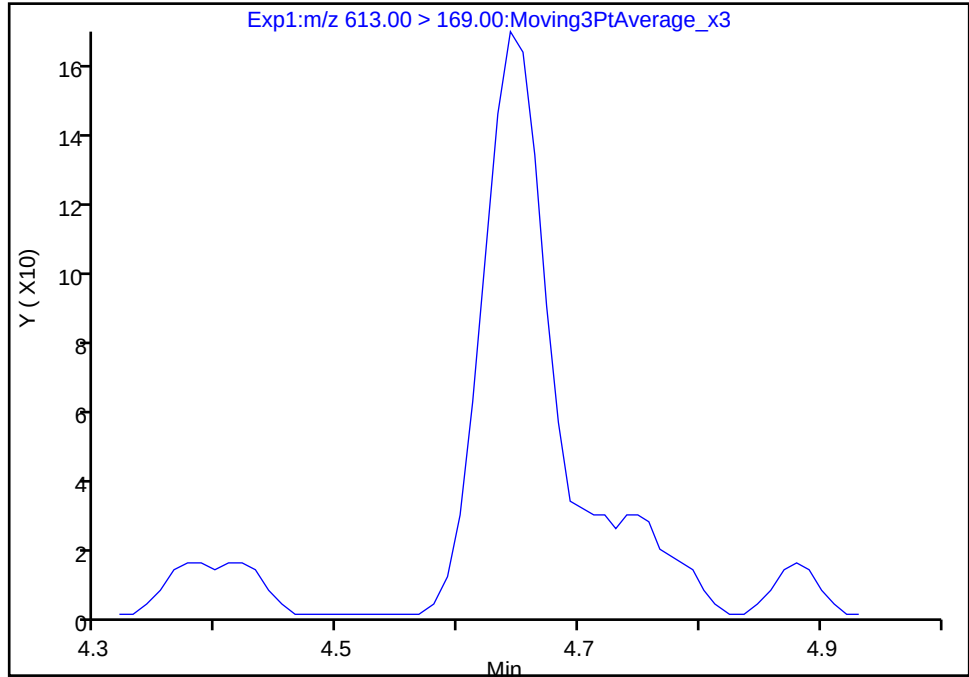
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d
Injection Date: 04-Aug-2022 20:42:16 Instrument ID: LC812
Lims ID: MB 200-182357/1-A
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

37 Perfluorododecanoic acid, CAS: 307-55-1

Signal: 2

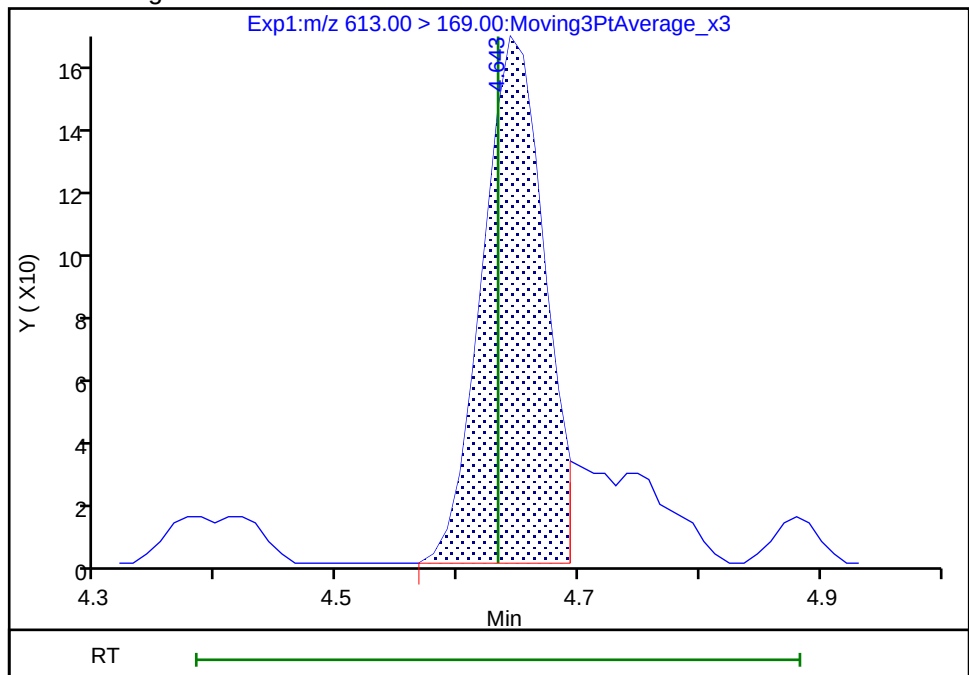
Not Detected
Expected RT: 4.63

Processing Integration Results



Manual Integration Results

RT: 4.64
Area: 601
Amount: 0.003854
Amount Units: ng/ml



Reviewer: khanphomeea, 05-Aug-2022 11:20:45

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d

Injection Date: 04-Aug-2022 20:42:16

Instrument ID: LC812

Lims ID: MB 200-182357/1-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

2

Worklist Smp#: 2

Injection Vol: 20.0 ul

Dil. Factor:

1.0000

Method: PFC_LC812

Limit Group:

LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

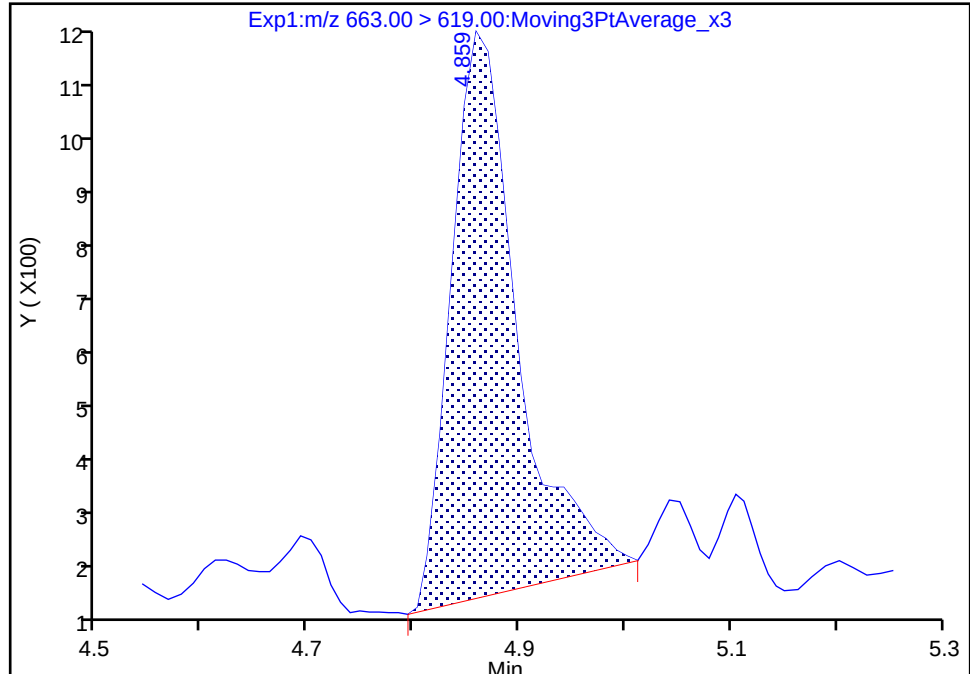
EXP1

41 Perfluorotridecanoic acid, CAS: 72629-94-8

Signal: 1

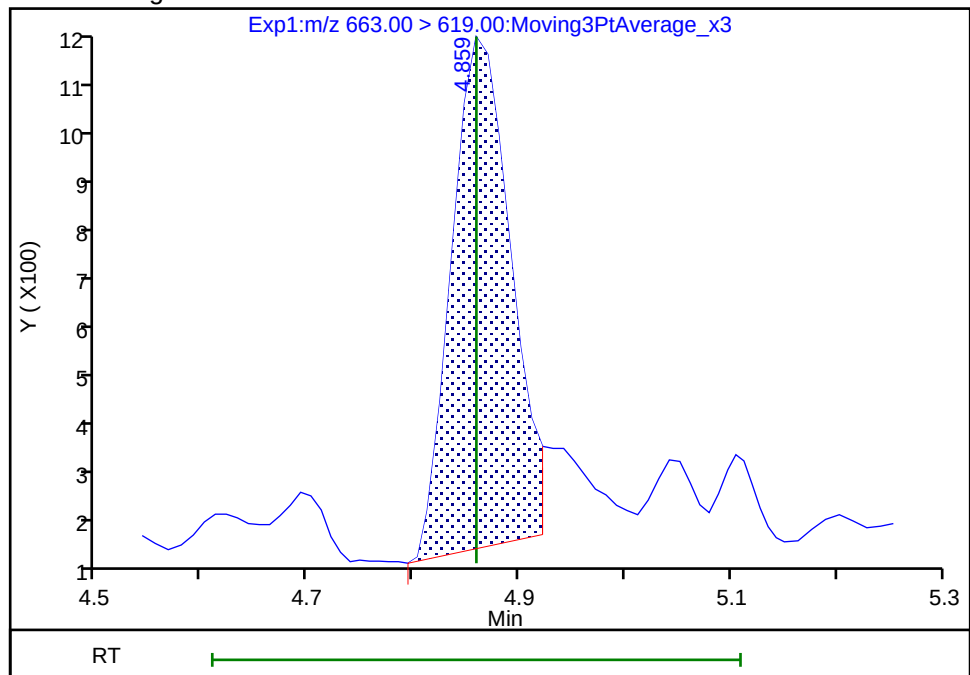
RT: 4.86
Area: 4261
Amount: 0.004668
Amount Units: ng/ml

Processing Integration Results



RT: 4.86
Area: 3787
Amount: 0.004164
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:21:09

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

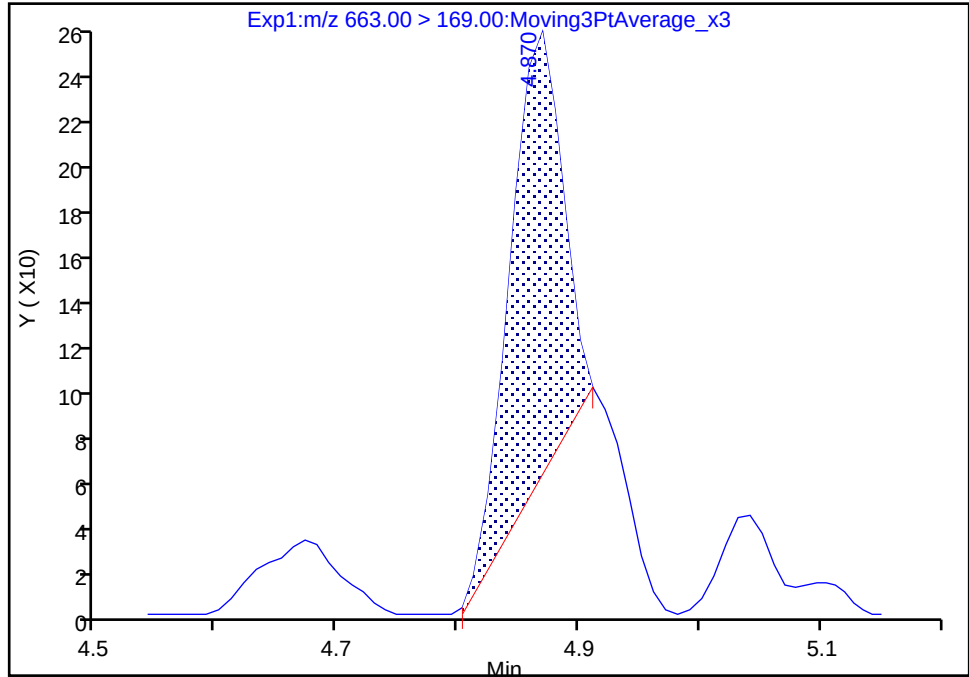
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d
Injection Date: 04-Aug-2022 20:42:16 Instrument ID: LC812
Lims ID: MB 200-182357/1-A
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

41 Perfluorotridecanoic acid, CAS: 72629-94-8

Signal: 2

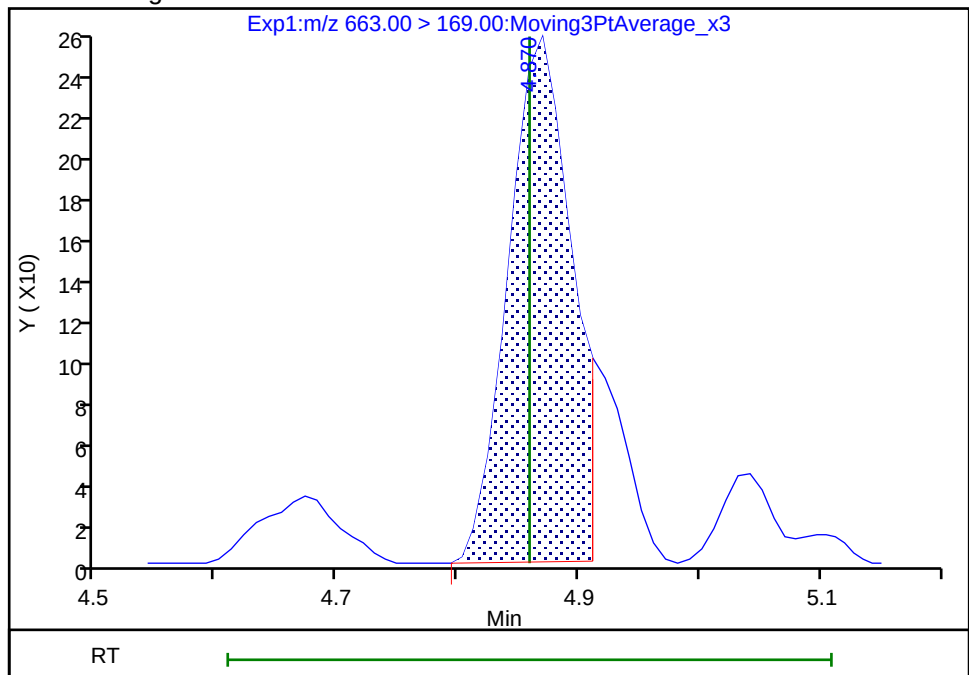
RT: 4.87
Area: 606
Amount: 0.004668
Amount Units: ng/ml

Processing Integration Results



RT: 4.87
Area: 930
Amount: 0.004164
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:21:10

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d

Injection Date: 04-Aug-2022 20:42:16

Instrument ID: LC812

Lims ID: MB 200-182357/1-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

2

Worklist Smp#: 2

Injection Vol: 20.0 ul

Dil. Factor:

1.0000

Method: PFC_LC812

Limit Group:

LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

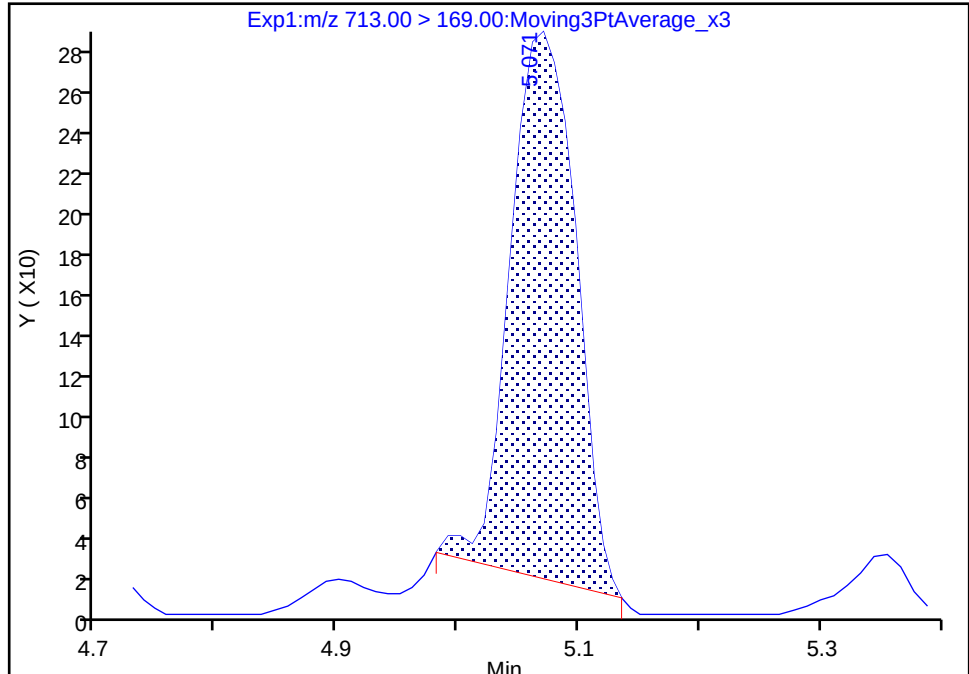
EXP1

42 Perfluorotetradecanoic acid, CAS: 376-06-7

Signal: 1

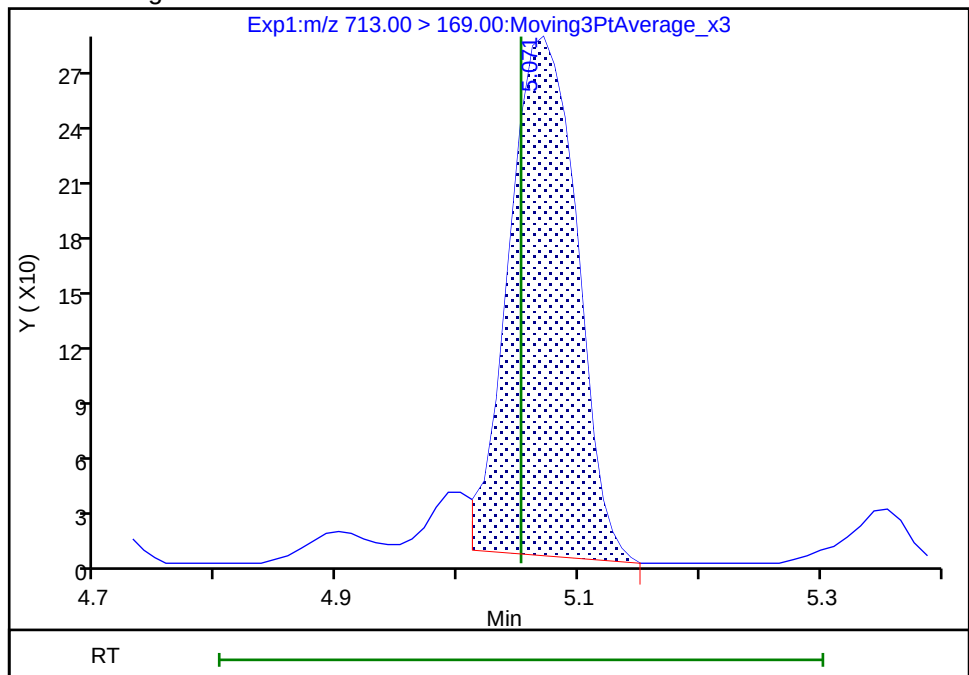
RT: 5.07
Area: 1000
Amount: 0.006164
Amount Units: ng/ml

Processing Integration Results



RT: 5.07
Area: 1084
Amount: 0.006777
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:21:21

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

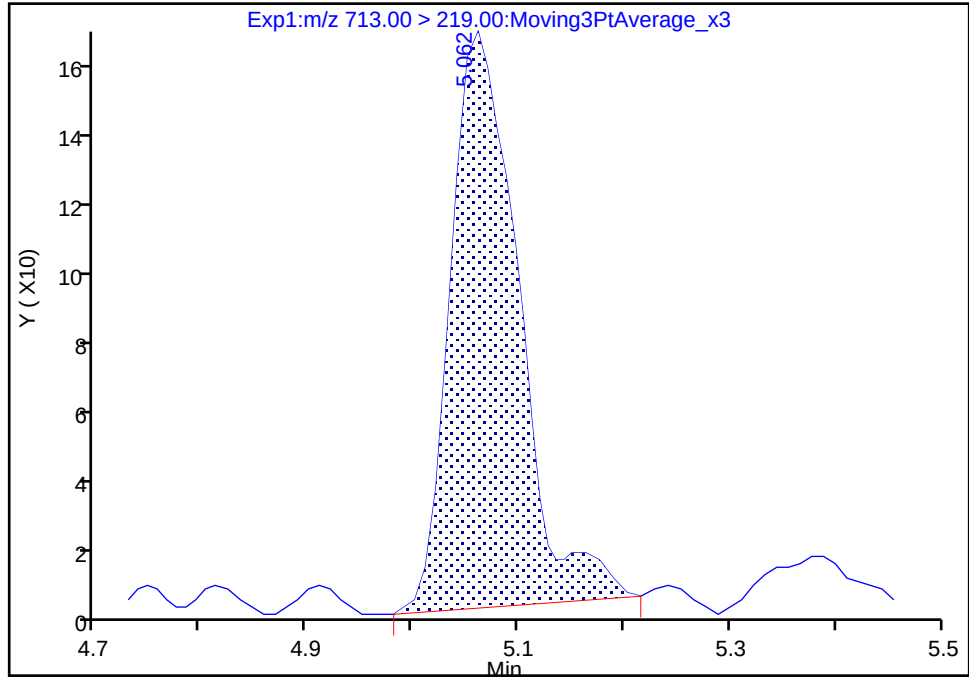
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d
Injection Date: 04-Aug-2022 20:42:16 Instrument ID: LC812
Lims ID: MB 200-182357/1-A
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

42 Perfluorotetradecanoic acid, CAS: 376-06-7

Signal: 2

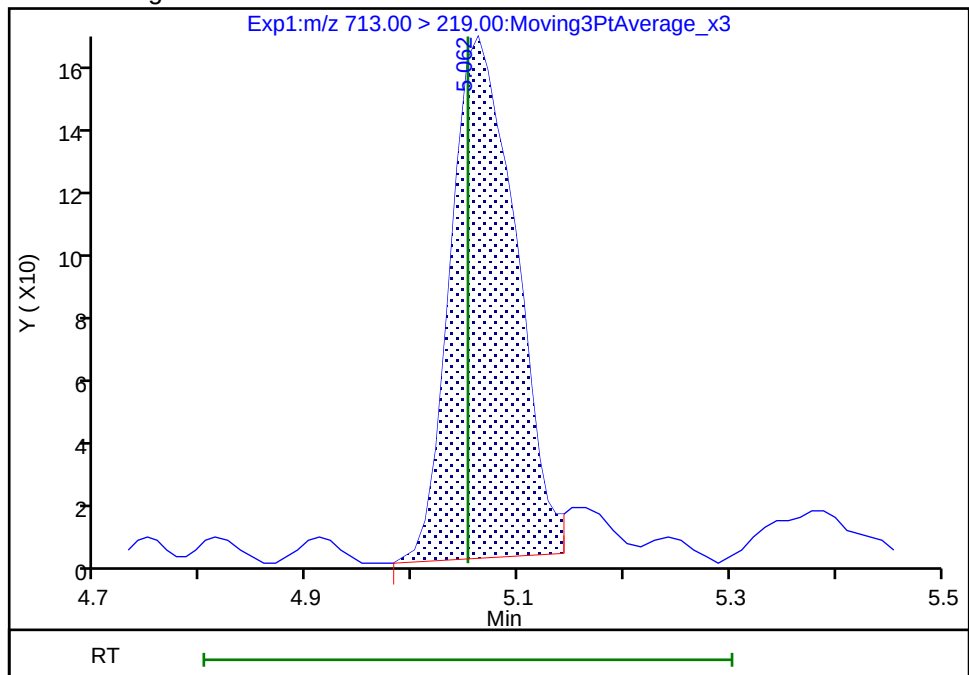
RT: 5.06
Area: 712
Amount: 0.006164
Amount Units: ng/ml

Processing Integration Results



RT: 5.06
Area: 680
Amount: 0.006777
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:21:22

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

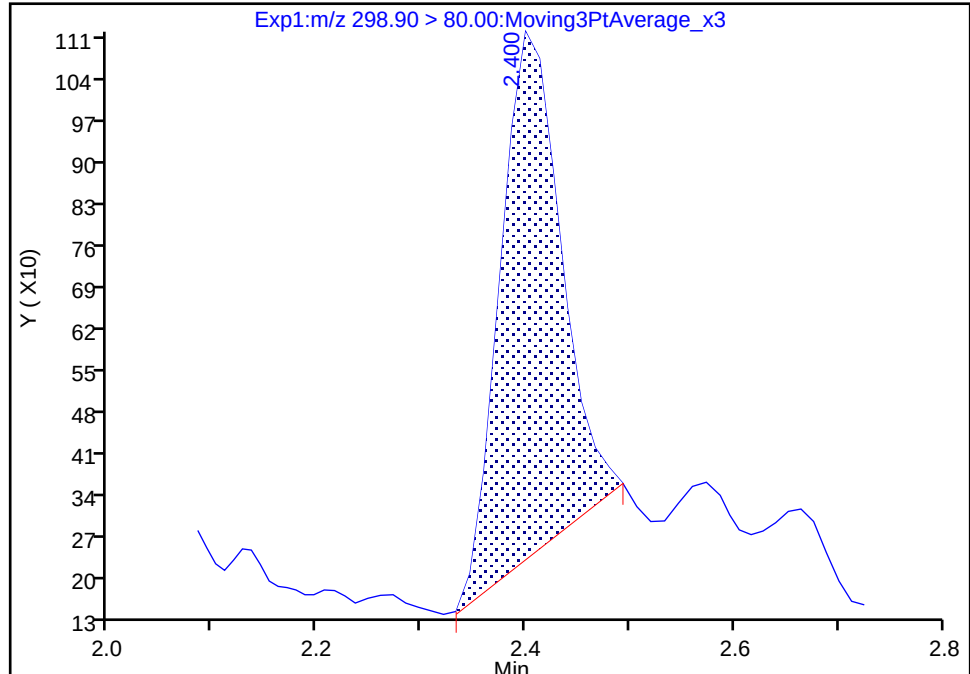
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d
Injection Date: 04-Aug-2022 20:42:16 Instrument ID: LC812
Lims ID: MB 200-182357/1-A
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

5 Perfluorobutanesulfonic acid, CAS: 375-73-5

Signal: 1

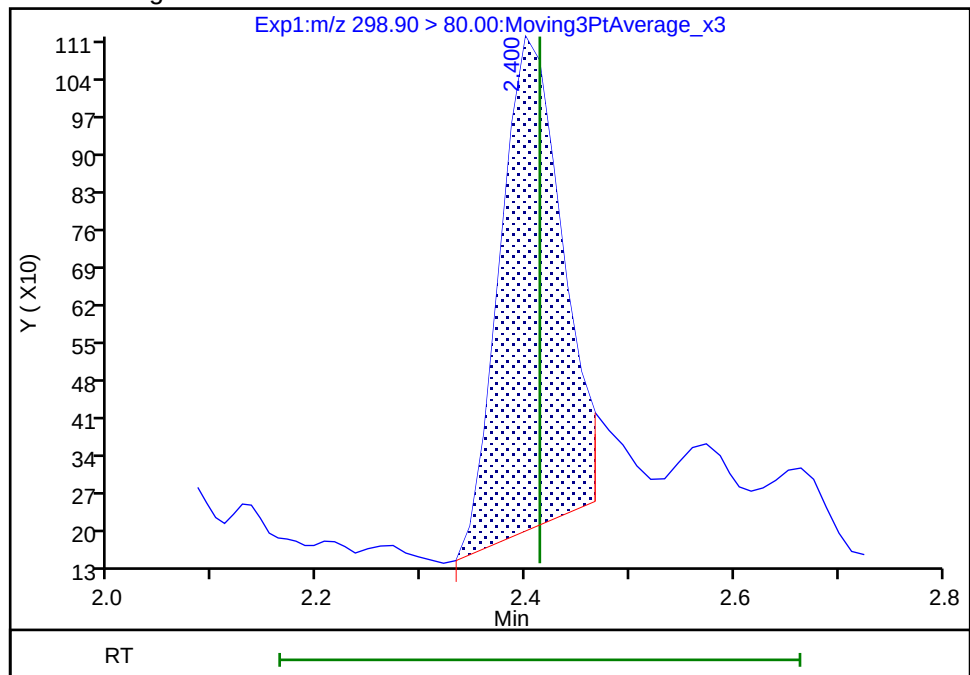
RT: 2.40
Area: 3602
Amount: 0.002173
Amount Units: ng/ml

Processing Integration Results



RT: 2.40
Area: 3780
Amount: 0.002294
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:16:44

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

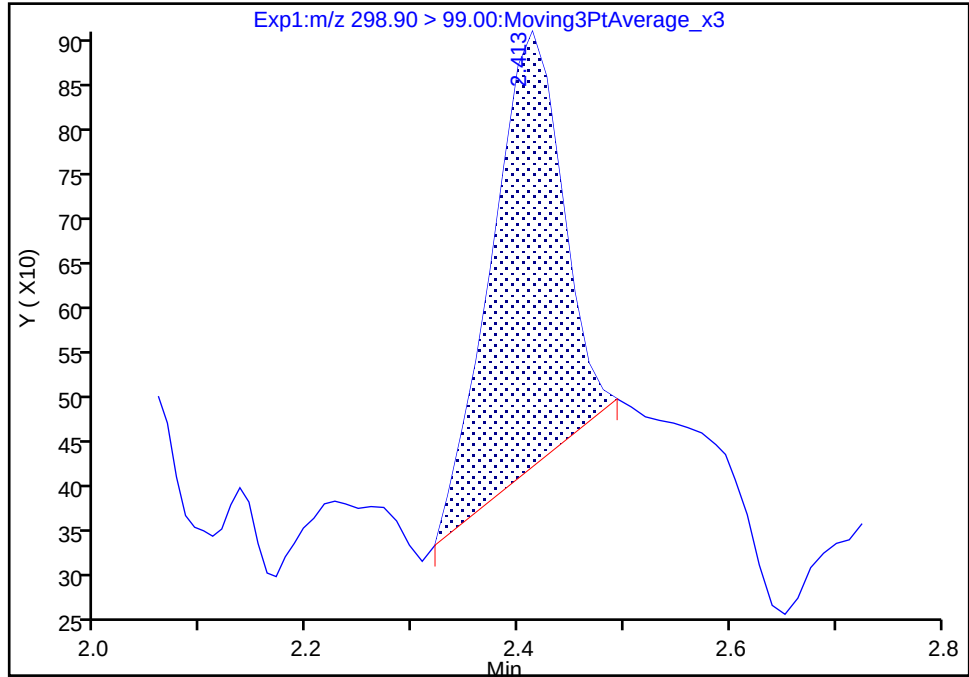
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d
Injection Date: 04-Aug-2022 20:42:16 Instrument ID: LC812
Lims ID: MB 200-182357/1-A
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

5 Perfluorobutanesulfonic acid, CAS: 375-73-5

Signal: 2

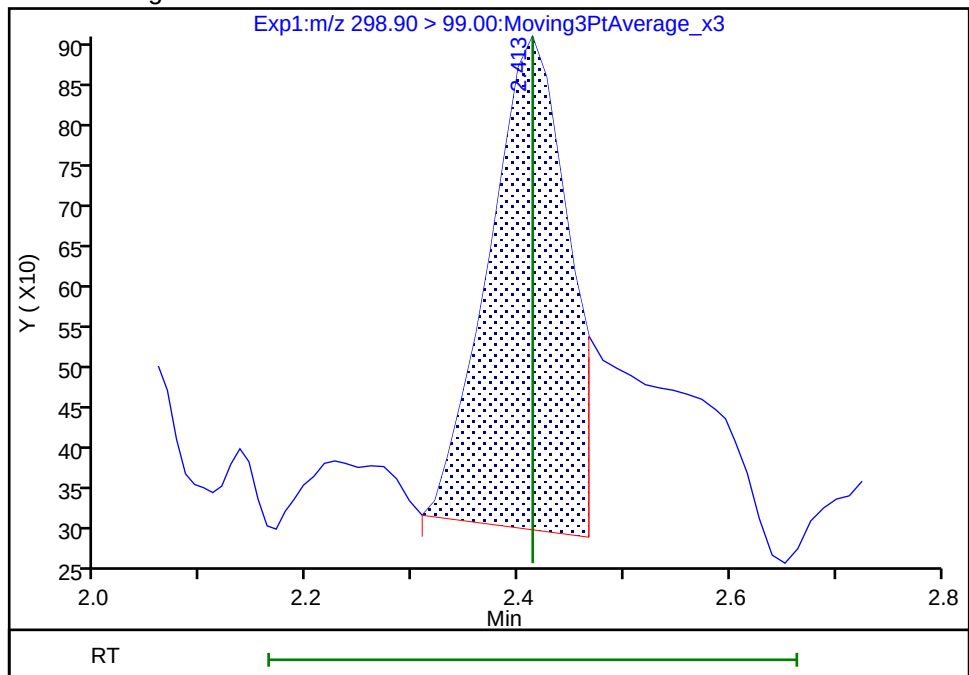
RT: 2.41
Area: 2270
Amount: 0.002173
Amount Units: ng/ml

Processing Integration Results



RT: 2.41
Area: 3119
Amount: 0.002294
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:16:45

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

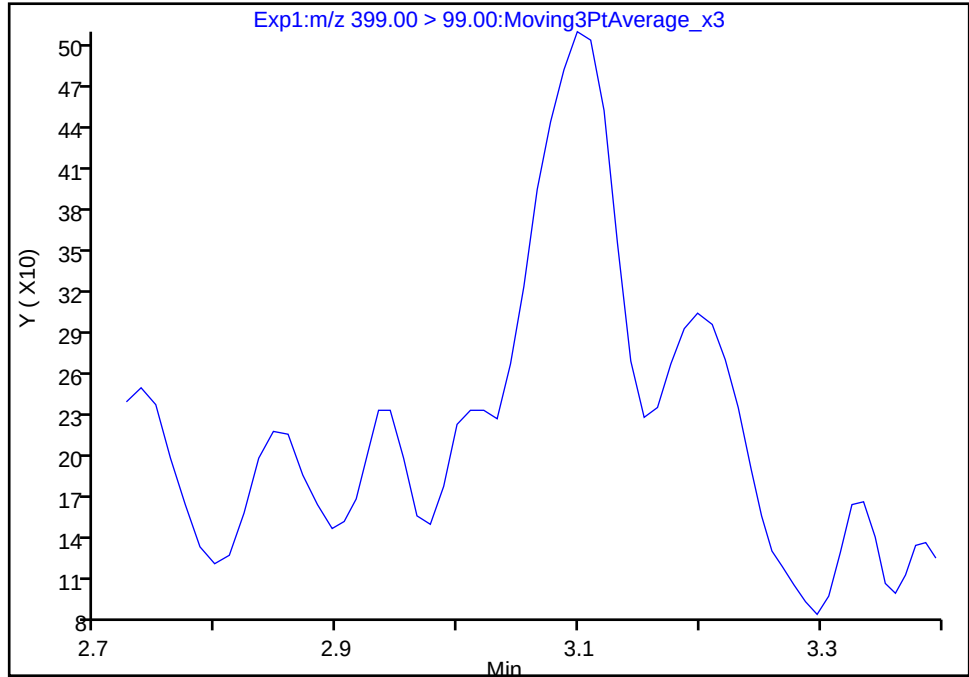
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d
Injection Date: 04-Aug-2022 20:42:16 Instrument ID: LC812
Lims ID: MB 200-182357/1-A
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

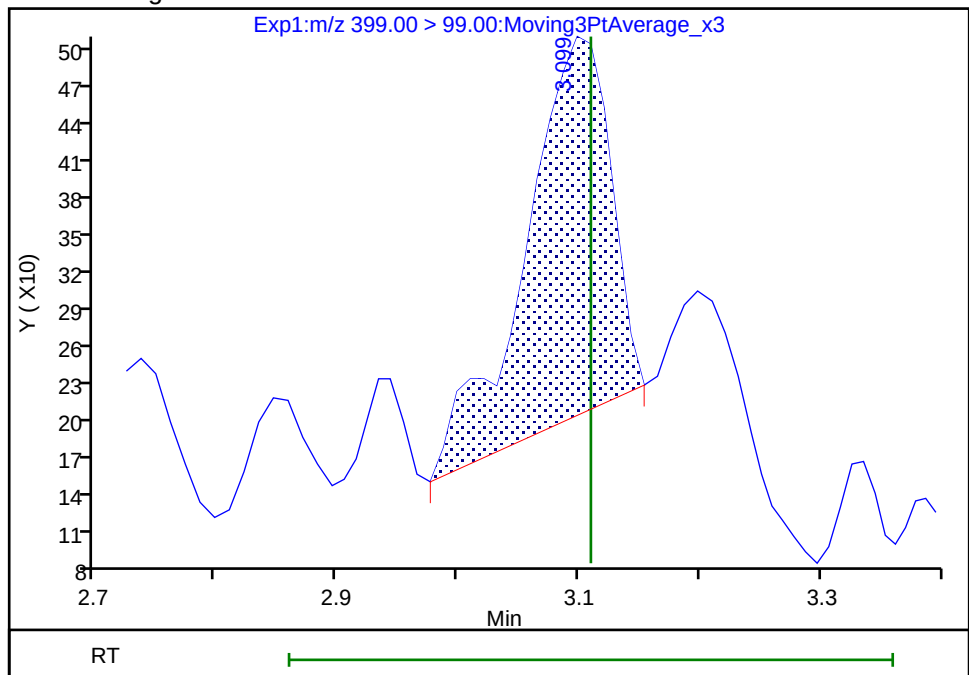
Signal: 2

Not Detected
Expected RT: 3.11

Processing Integration Results



Manual Integration Results



RT: 3.10
Area: 1460
Amount: 0.004708
Amount Units: ng/ml

Reviewer: khanphomeea, 05-Aug-2022 11:17:44

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

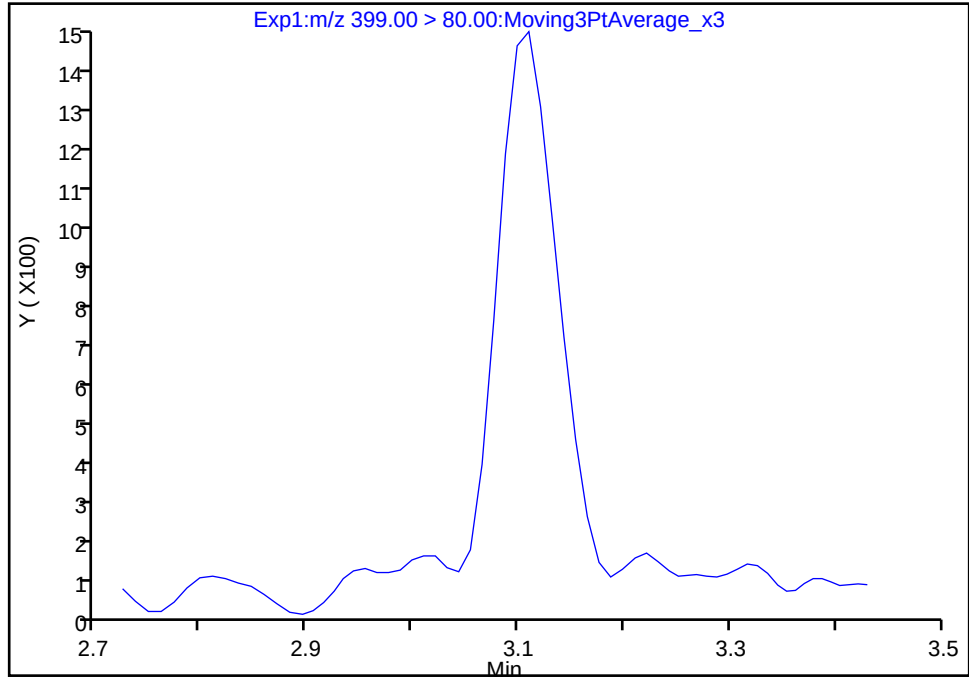
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d
Injection Date: 04-Aug-2022 20:42:16 Instrument ID: LC812
Lims ID: MB 200-182357/1-A
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 1

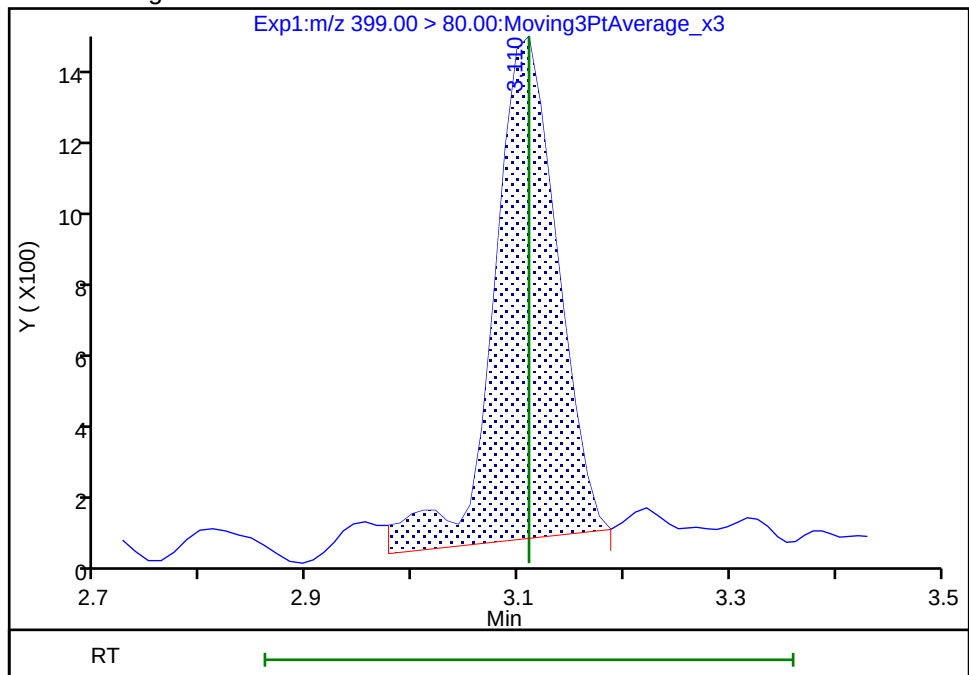
Not Detected
Expected RT: 3.11

Processing Integration Results



Manual Integration Results

RT: 3.11
Area: 5755
Amount: 0.004708
Amount Units: ng/ml



Reviewer: khanphomeea, 05-Aug-2022 11:17:46

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d

Injection Date: 04-Aug-2022 20:42:16

Instrument ID: LC812

Lims ID: MB 200-182357/1-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

2

Worklist Smp#: 2

Injection Vol: 20.0 ul

Dil. Factor:

1.0000

Method: PFC_LC812

Limit Group:

LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

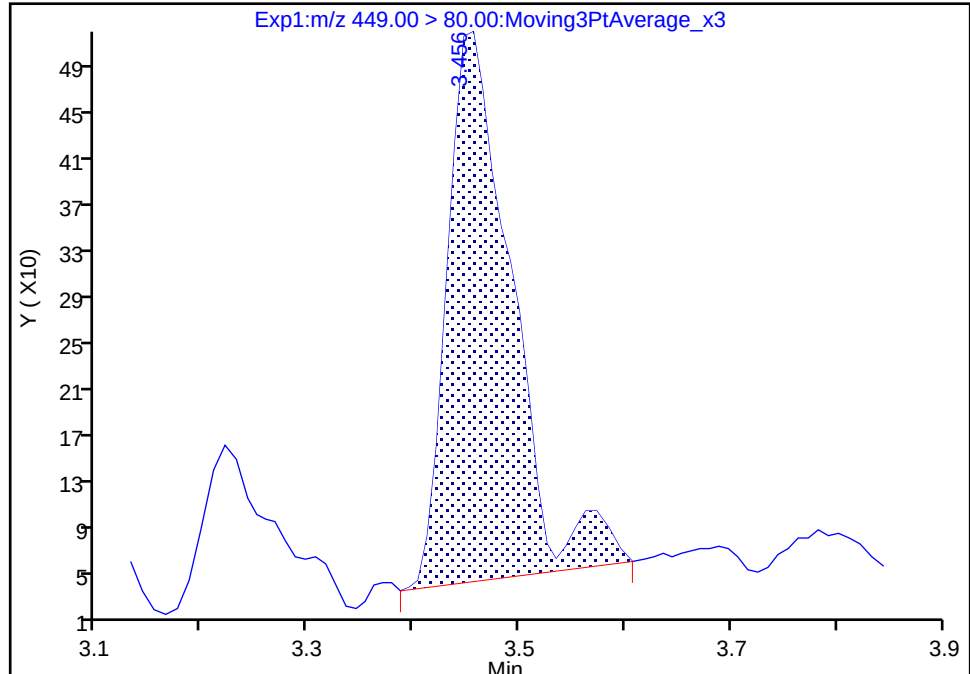
EXP1

16 Perfluoroheptanesulfonic acid, CAS: 375-92-8

Signal: 1

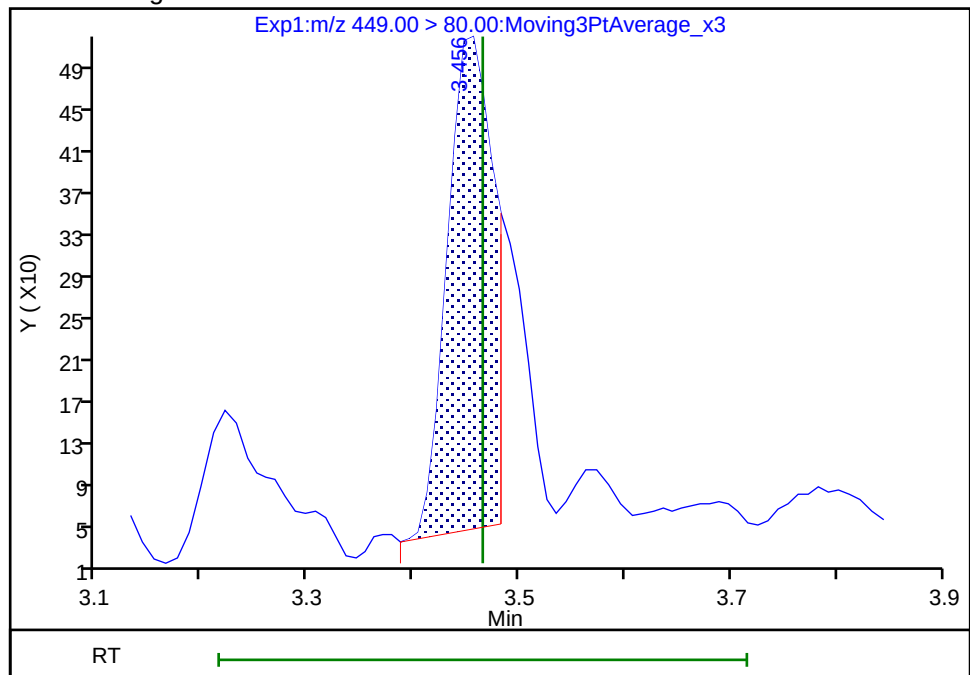
RT: 3.46
Area: 1977
Amount: 0.002015
Amount Units: ng/ml

Processing Integration Results



RT: 3.46
Area: 1365
Amount: 0.001395
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:02:50

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

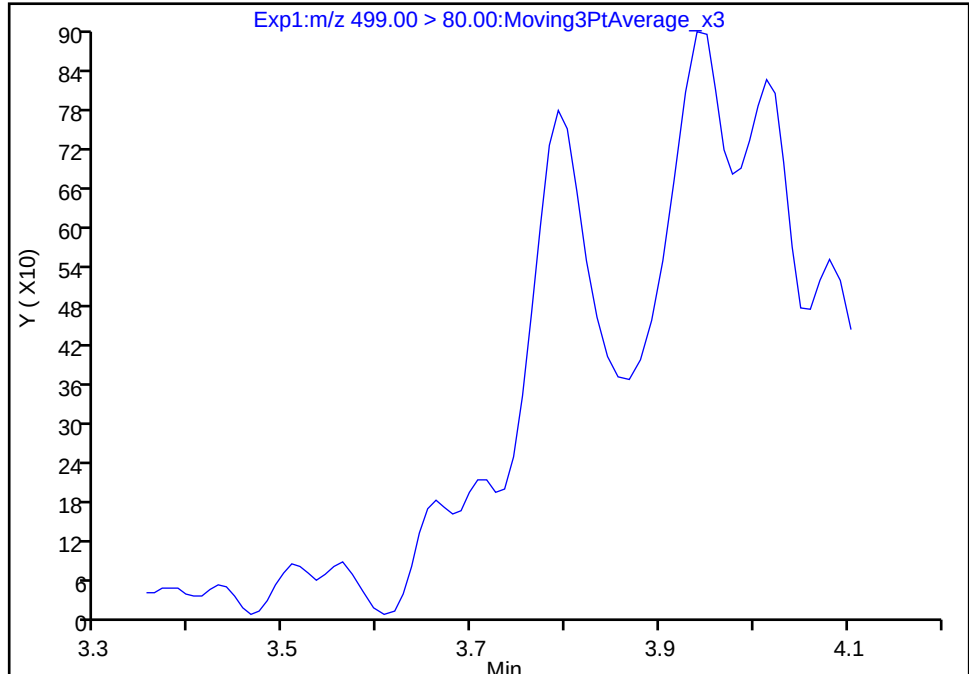
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d
Injection Date: 04-Aug-2022 20:42:16 Instrument ID: LC812
Lims ID: MB 200-182357/1-A
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 1

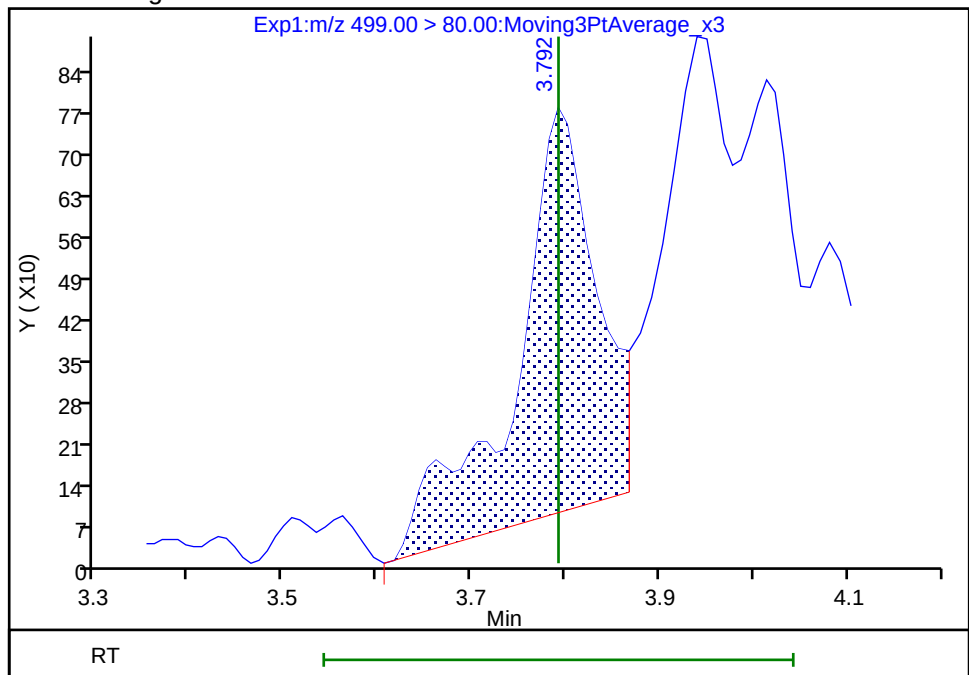
Not Detected
Expected RT: 3.79

Processing Integration Results



Manual Integration Results

RT: 3.79
Area: 4064
Amount: -0.013313
Amount Units: ng/ml



Reviewer: khanphomeea, 05-Aug-2022 11:18:24

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

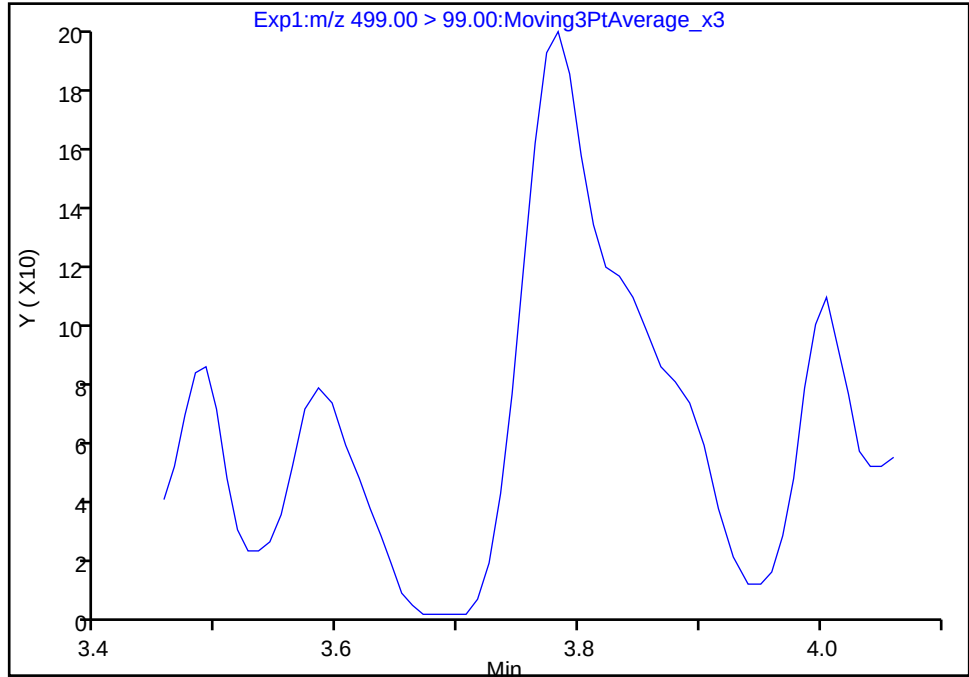
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d
Injection Date: 04-Aug-2022 20:42:16 Instrument ID: LC812
Lims ID: MB 200-182357/1-A
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 2

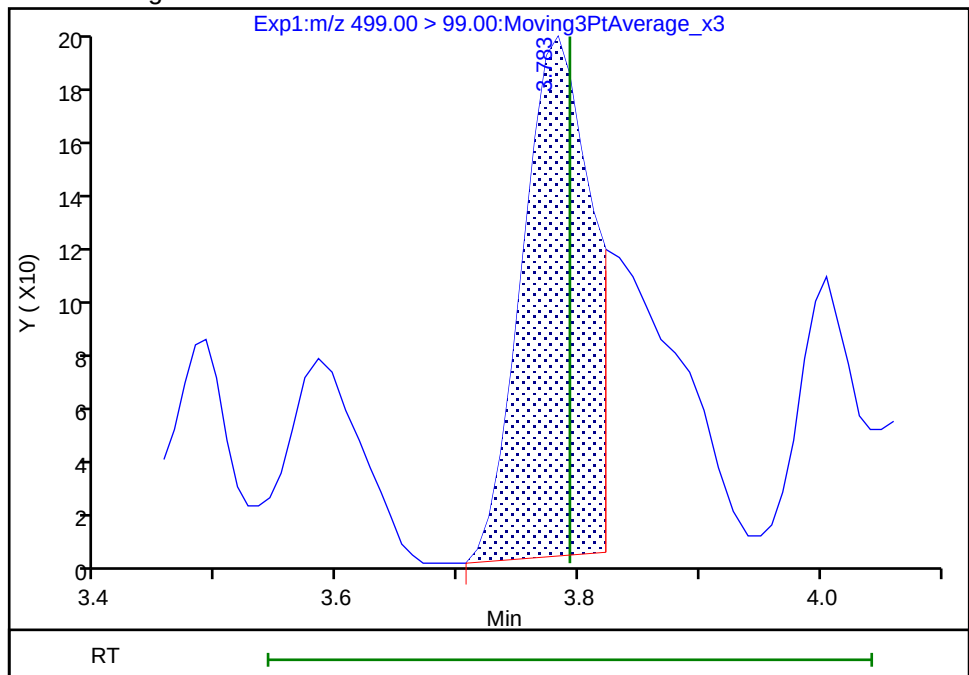
Not Detected
Expected RT: 3.79

Processing Integration Results



Manual Integration Results

RT: 3.78
Area: 743
Amount: -0.013313
Amount Units: ng/ml



Reviewer: FDT7, 08-Aug-2022 09:05:17

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d

Injection Date: 04-Aug-2022 20:42:16

Instrument ID: LC812

Lims ID: MB 200-182357/1-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

2

Worklist Smp#: 2

Injection Vol: 20.0 ul

Dil. Factor:

1.0000

Method: PFC_LC812

Limit Group:

LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

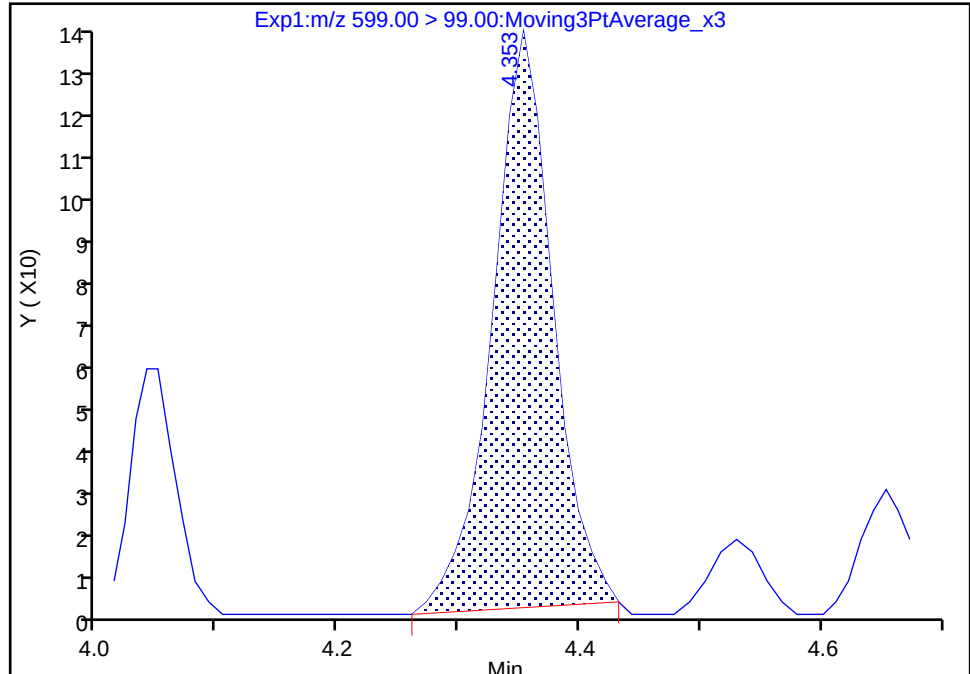
EXP1

29 Perfluorodecanesulfonic acid, CAS: 335-77-3

Signal: 2

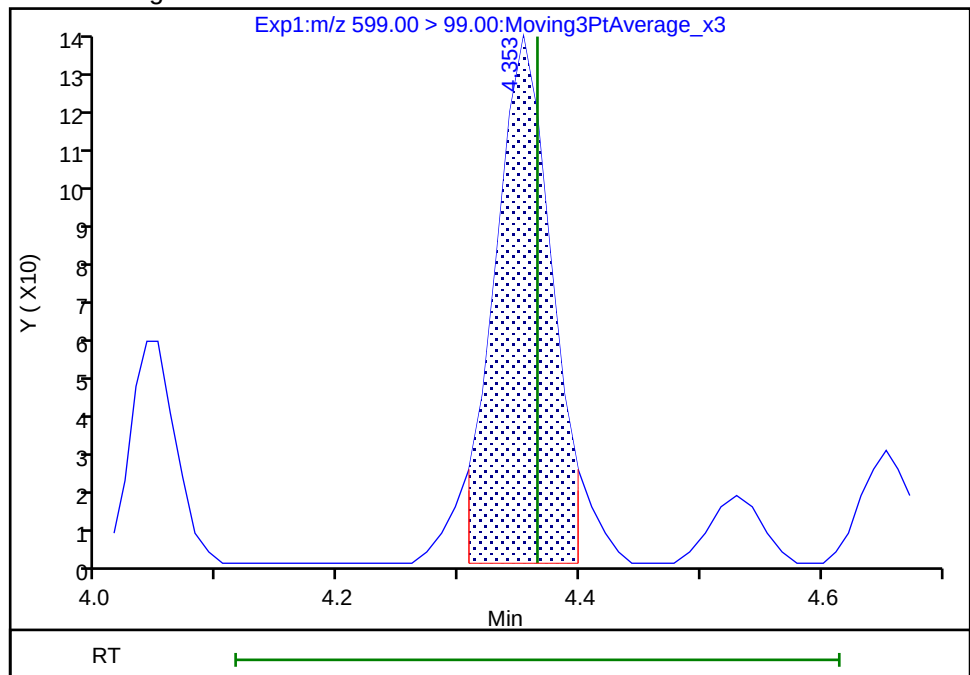
RT: 4.35
Area: 481
Amount: 0.002521
Amount Units: ng/ml

Processing Integration Results



RT: 4.35
Area: 445
Amount: 0.002528
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:20:02

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

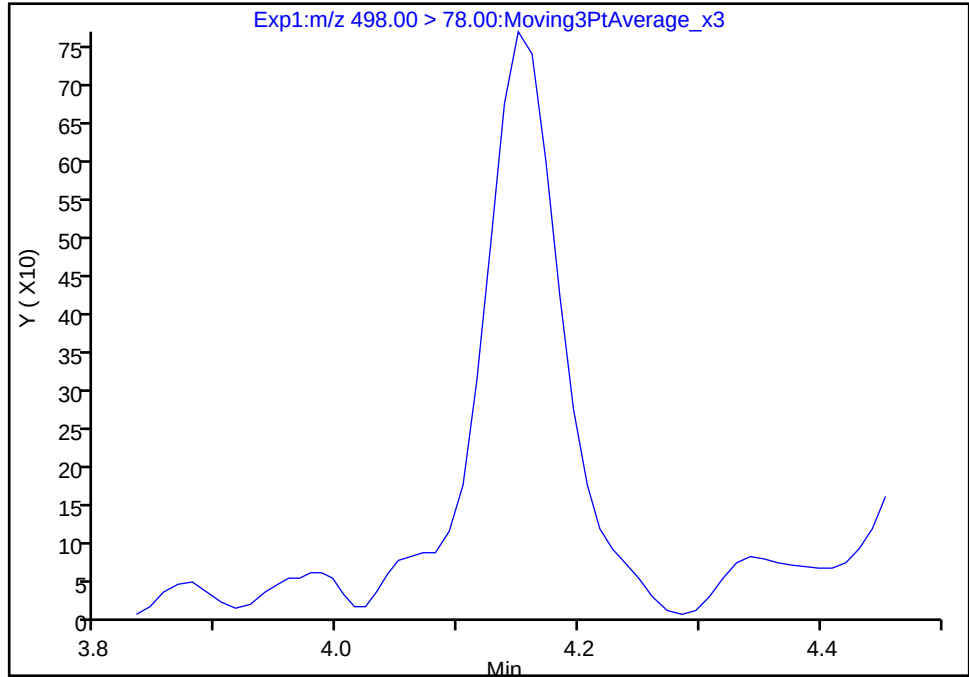
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d
Injection Date: 04-Aug-2022 20:42:16 Instrument ID: LC812
Lims ID: MB 200-182357/1-A
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

22 Perfluorooctanesulfonamide, CAS: 754-91-6

Signal: 1

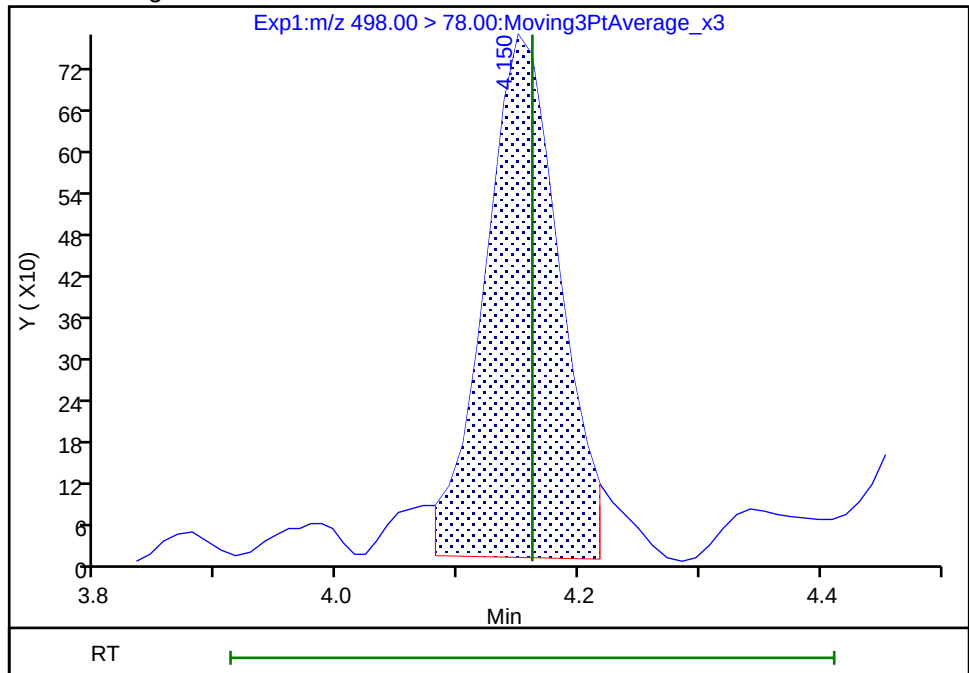
Not Detected
Expected RT: 4.16

Processing Integration Results



RT: 4.15
Area: 3196
Amount: 0.003096
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:19:45

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d

Injection Date: 04-Aug-2022 20:42:16

Instrument ID: LC812

Lims ID: MB 200-182357/1-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

2

Worklist Smp#: 2

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

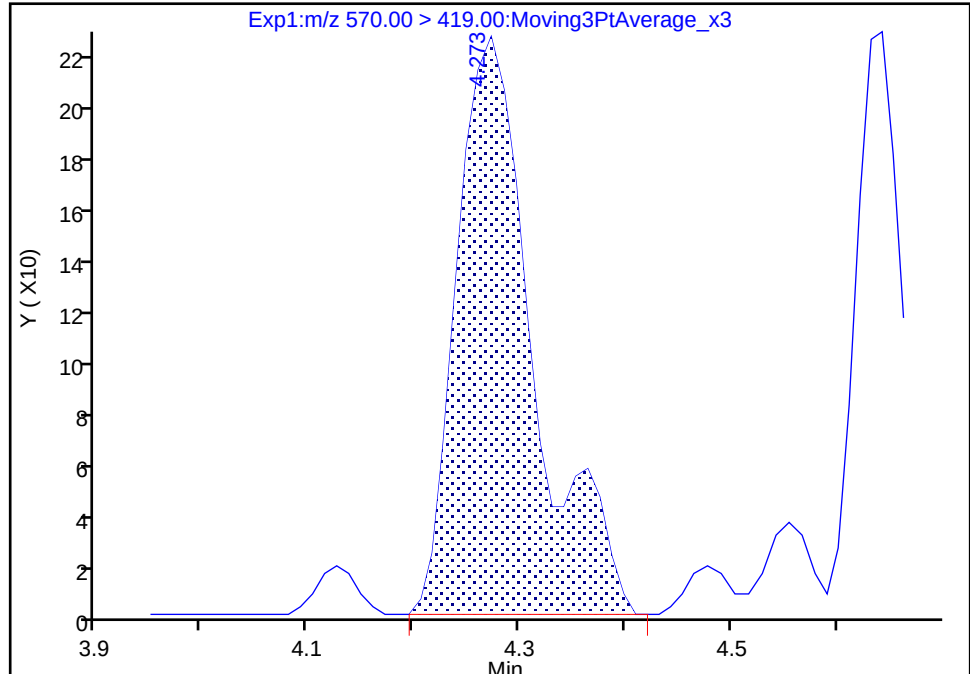
Detector: EXP1

28 N-methylperfluorooctanesulfonami, CAS: 2355-31-9

Signal: 1

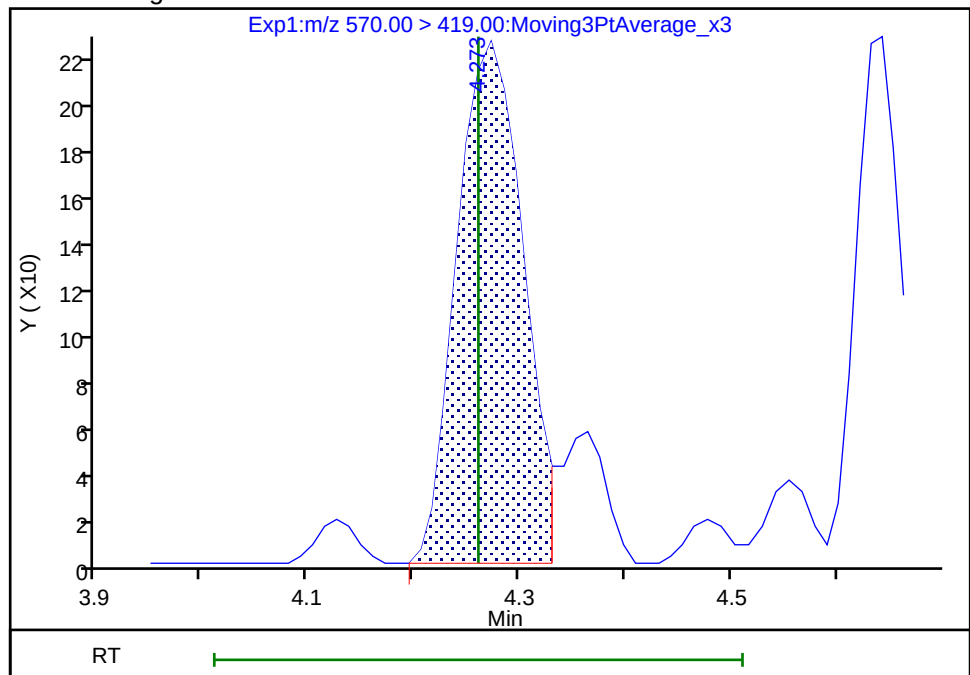
RT: 4.27
Area: 1149
Amount: 0.008056
Amount Units: ng/ml

Processing Integration Results



RT: 4.27
Area: 979
Amount: 0.006864
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:19:50

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d

Injection Date: 04-Aug-2022 20:42:16

Instrument ID: LC812

Lims ID: MB 200-182357/1-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

2

Worklist Smp#: 2

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

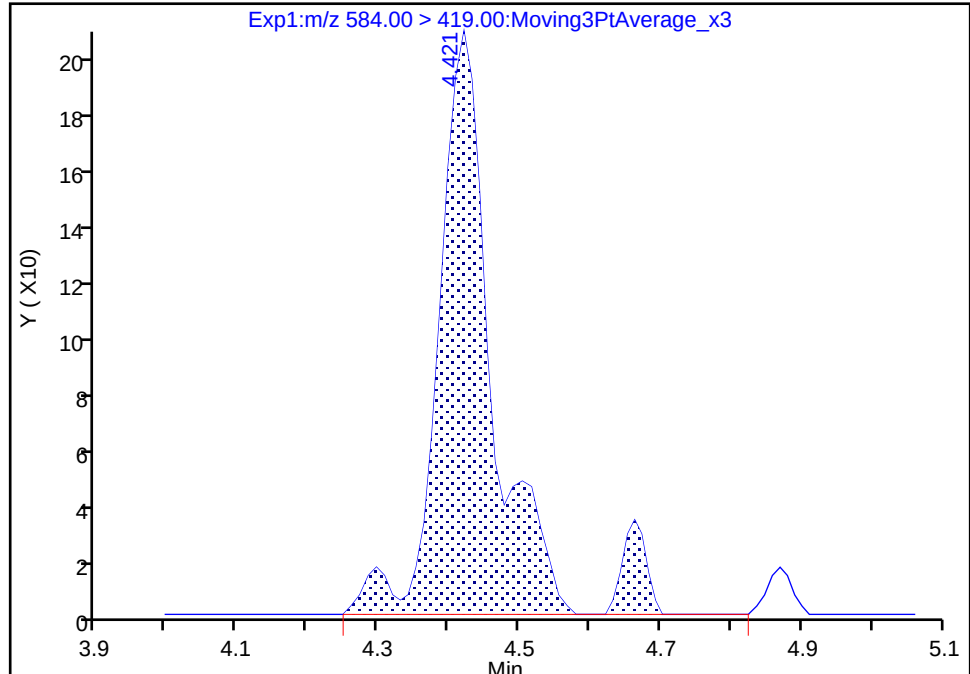
Detector: EXP1

33 N-ethylperfluorooctanesulfonamid, CAS: 2991-50-6

Signal: 1

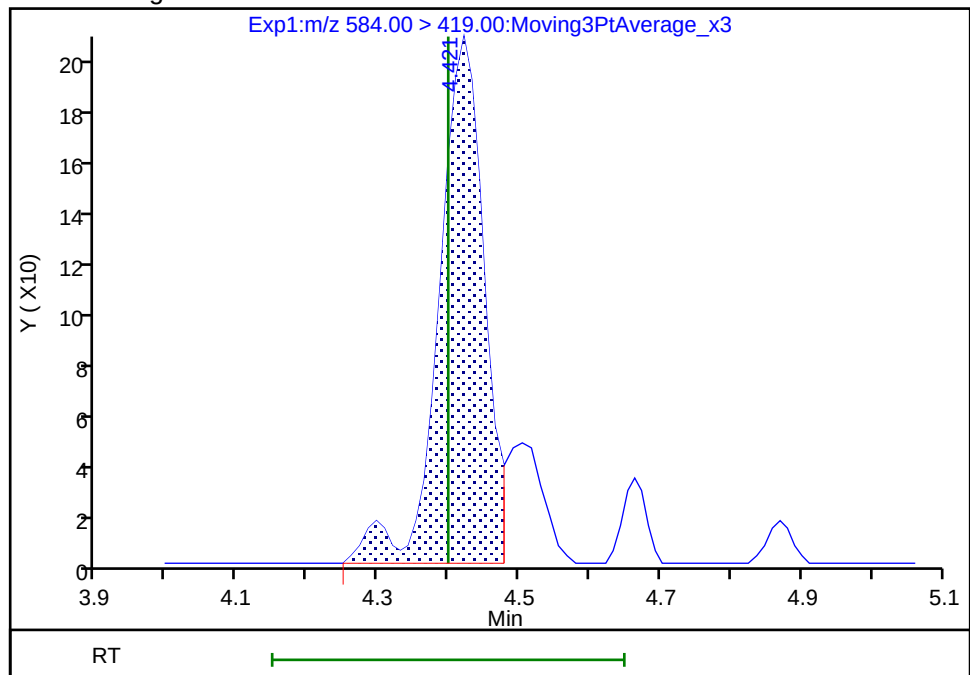
RT: 4.42
Area: 1179
Amount: 0.009054
Amount Units: ng/ml

Processing Integration Results



RT: 4.42
Area: 930
Amount: 0.007249
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:20:18

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d

Injection Date: 04-Aug-2022 20:42:16

Instrument ID: LC812

Lims ID: MB 200-182357/1-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

2

Worklist Smp#: 2

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

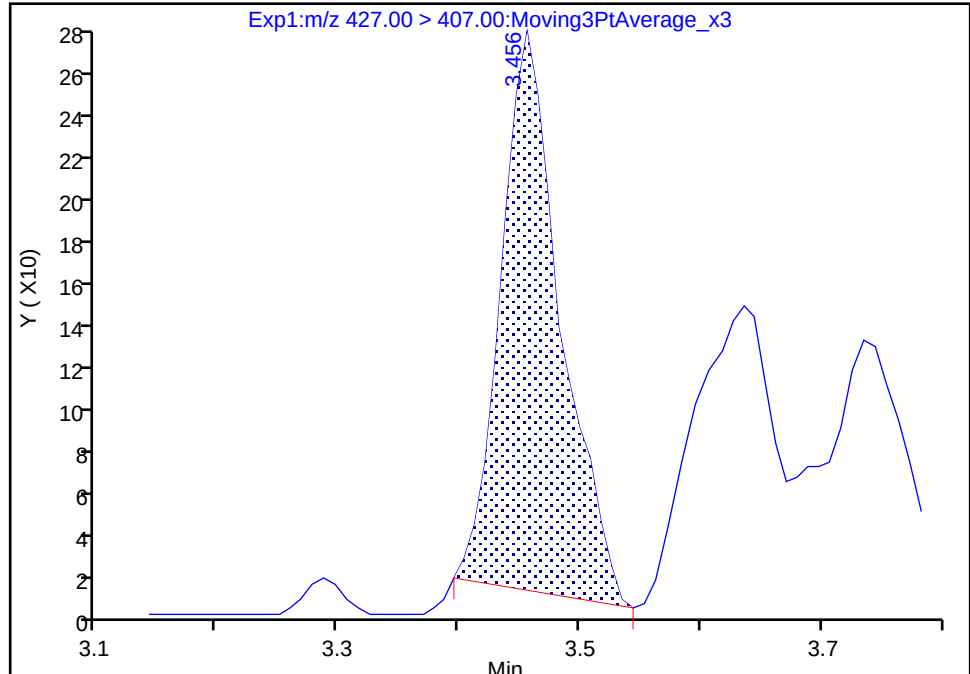
Detector: EXP1

13 1H,1H,2H,2H-perfluorooctanesulfo, CAS: 27619-97-2

Signal: 1

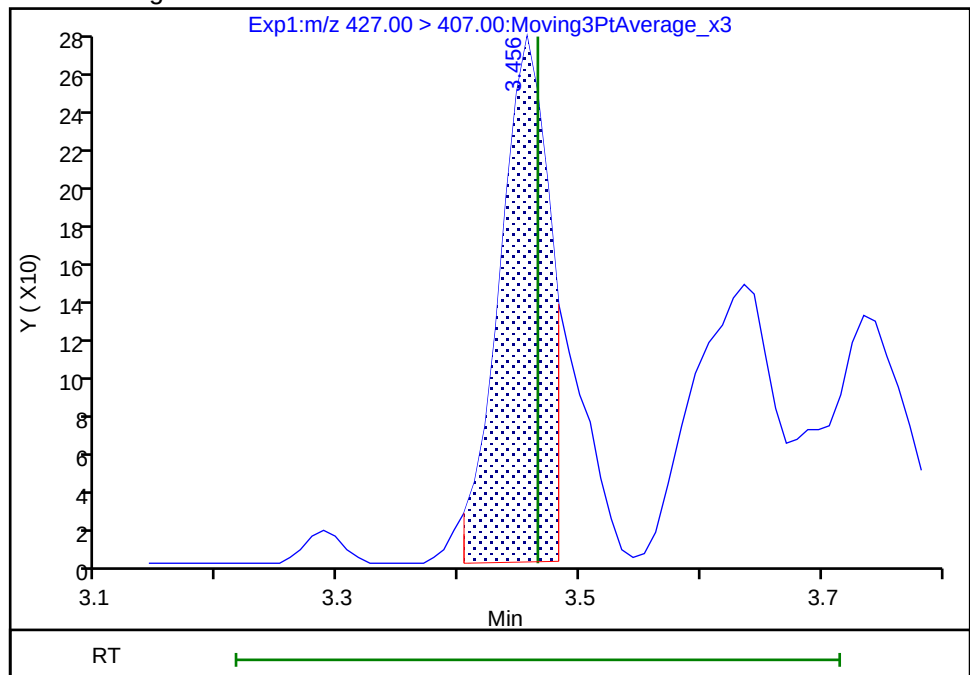
RT: 3.46
Area: 897
Amount: -0.013557
Amount Units: ng/ml

Processing Integration Results



RT: 3.46
Area: 758
Amount: -0.014058
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:02:39

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d

Injection Date: 04-Aug-2022 20:42:16

Instrument ID: LC812

Lims ID: MB 200-182357/1-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

2

Worklist Smp#: 2

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector: EXP1

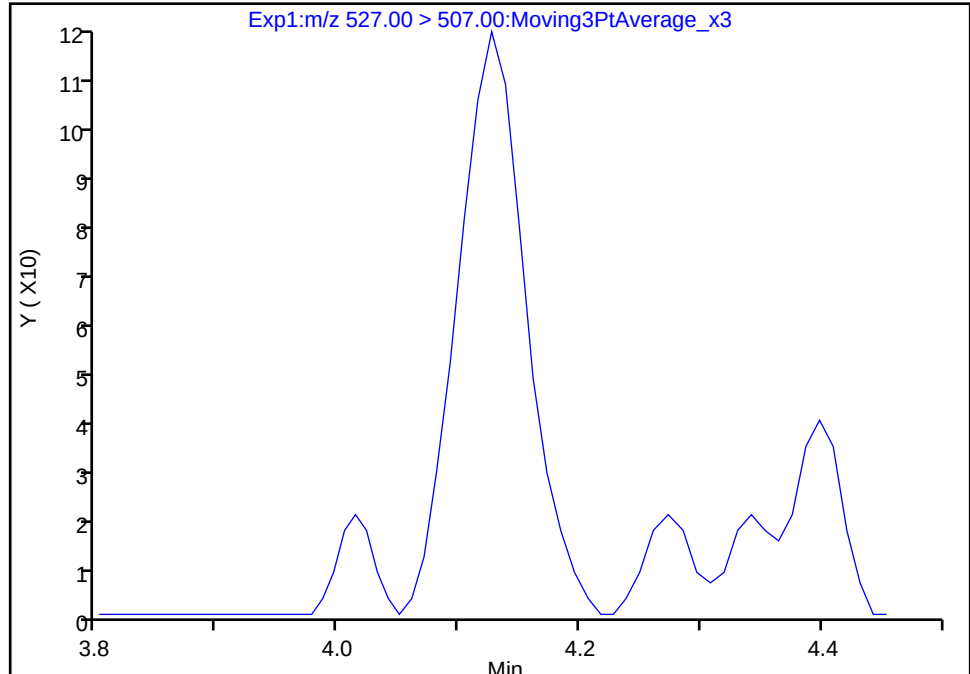
25 1H,1H,2H,2H-perfluorodecanesulfo, CAS: 39108-34-4

Signal: 1

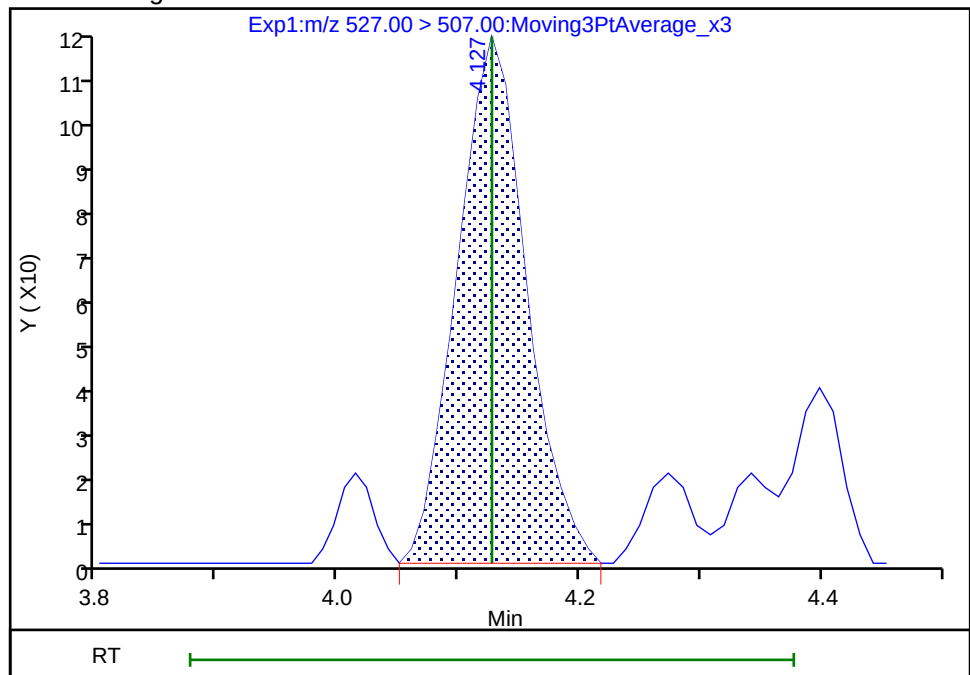
Not Detected

Expected RT: 4.13

Processing Integration Results



Manual Integration Results



RT: 4.13

Area: 441

Amount: 0.002102

Amount Units: ng/ml

Reviewer: khanphomeea, 05-Aug-2022 11:19:37

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d

Injection Date: 04-Aug-2022 20:42:16

Instrument ID: LC812

Lims ID: MB 200-182357/1-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

2

Worklist Smp#: 2

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

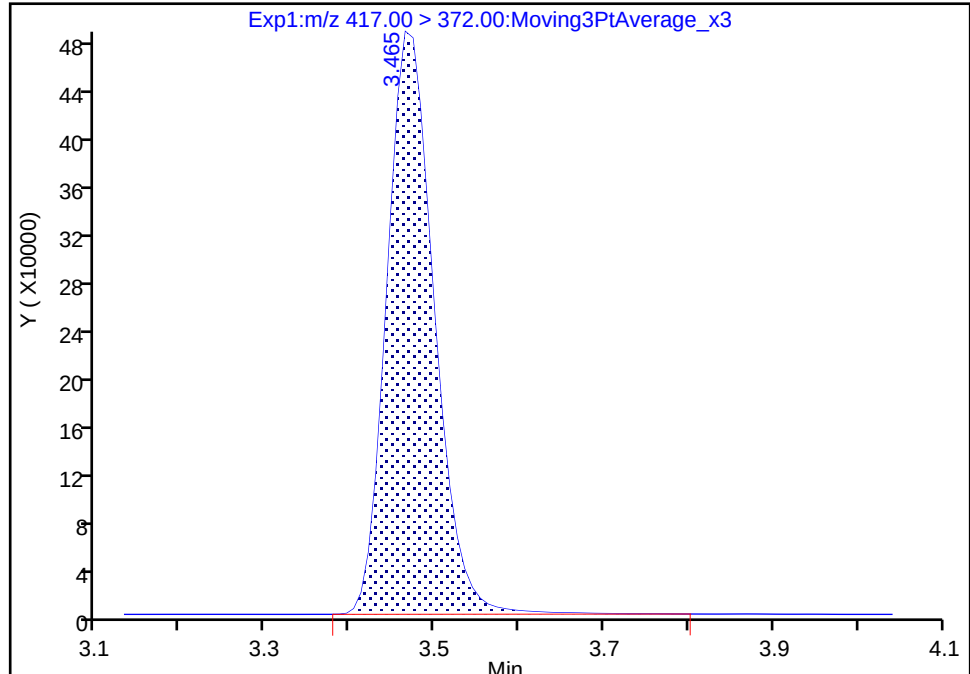
Detector: EXP1

D 14 13C4 PFOA, CAS: STL00990

Signal: 1

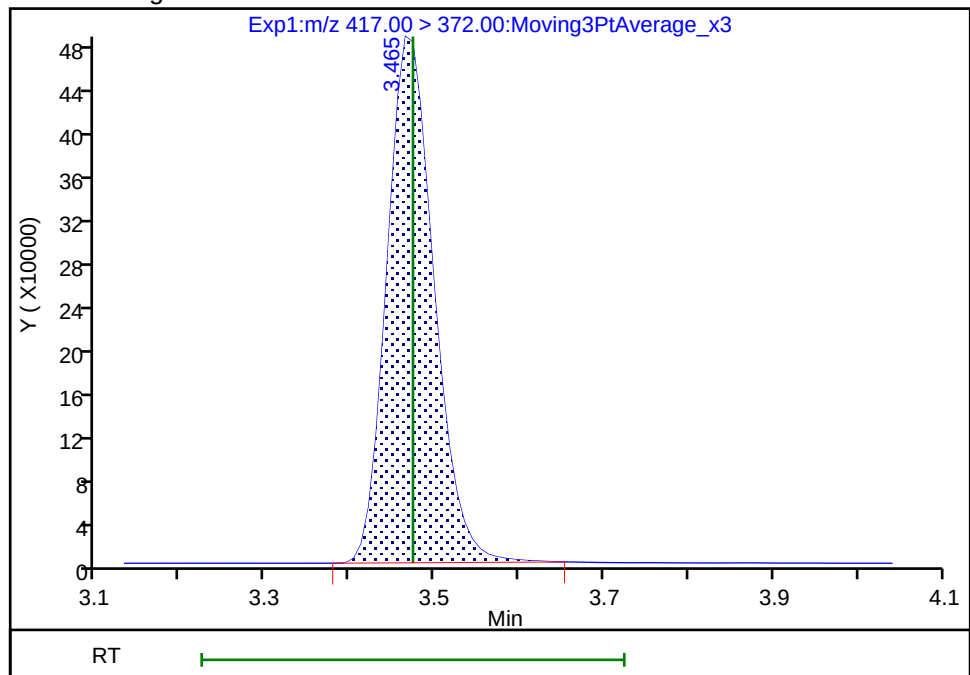
RT: 3.46
Area: 1883334
Amount: 1.209992
Amount Units: ng/ml

Processing Integration Results



RT: 3.46
Area: 1871836
Amount: 1.209451
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:03:26

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d

Injection Date: 04-Aug-2022 20:42:16

Instrument ID: LC812

Lims ID: MB 200-182357/1-A

Client ID:

Operator ID: lc812tech

ALS Bottle#: 2 Worklist Smp#: 2

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

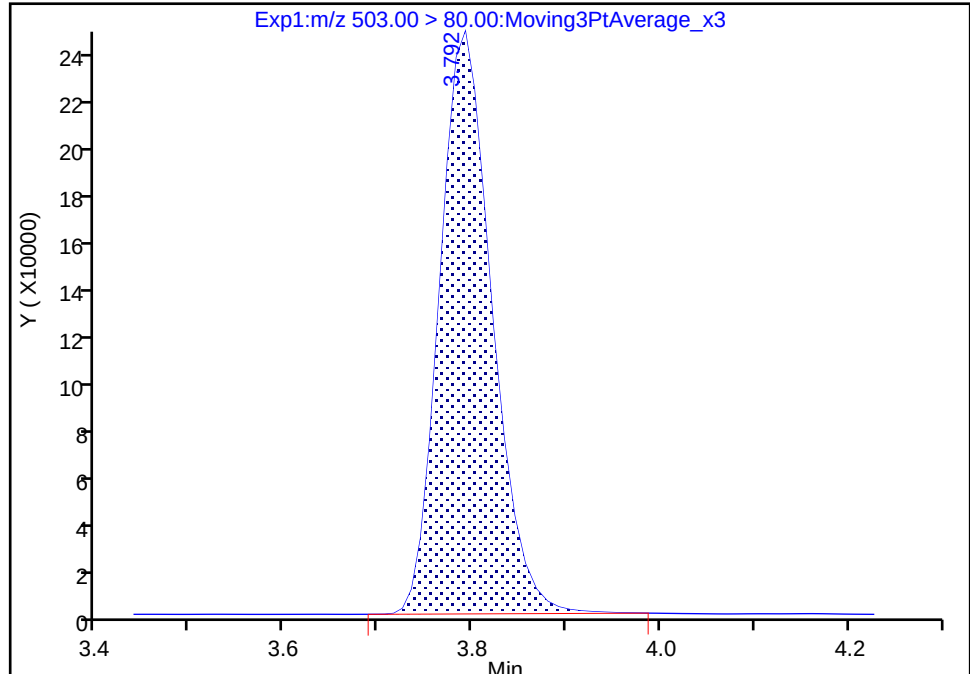
Detector: EXP1

D 18 13C4 PFOS, CAS: STL00991

Signal: 1

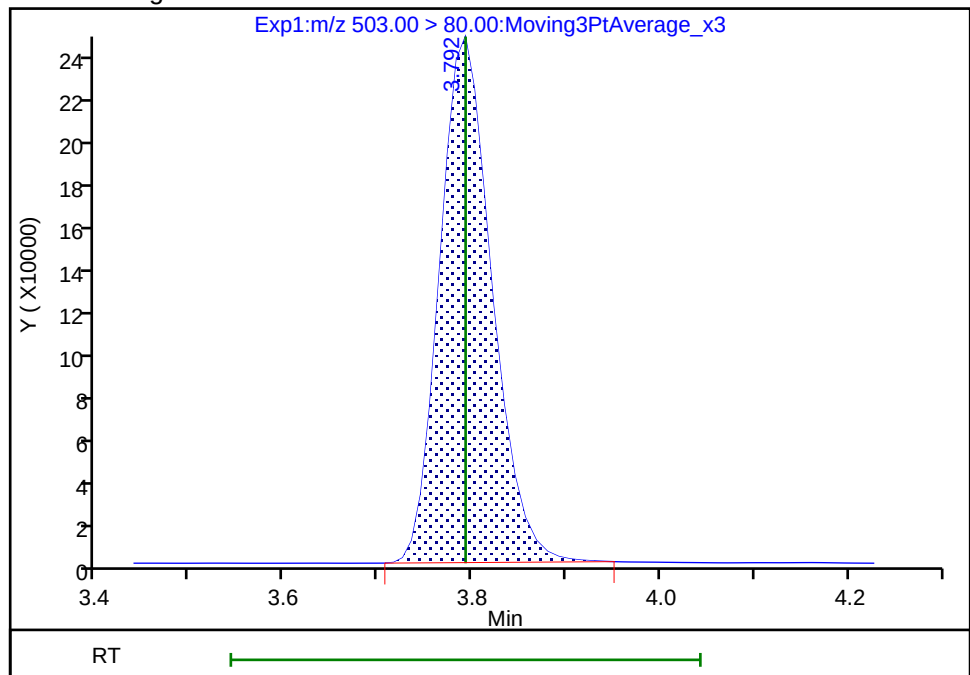
RT: 3.79
Area: 948500
Amount: 1.070216
Amount Units: ng/ml

Processing Integration Results



RT: 3.79
Area: 945997
Amount: 1.067392
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:05:29

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d

Injection Date: 04-Aug-2022 20:42:16

Instrument ID: LC812

Lims ID: MB 200-182357/1-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

2

Worklist Smp#: 2

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

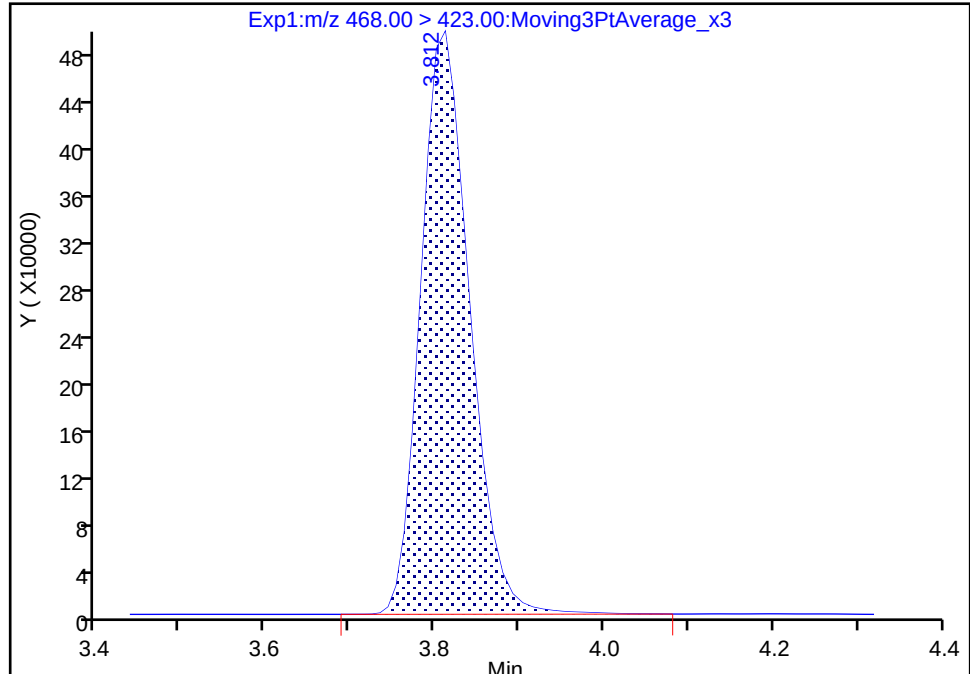
Detector: EXP1

D 19 13C5 PFNA, CAS: STL00995

Signal: 1

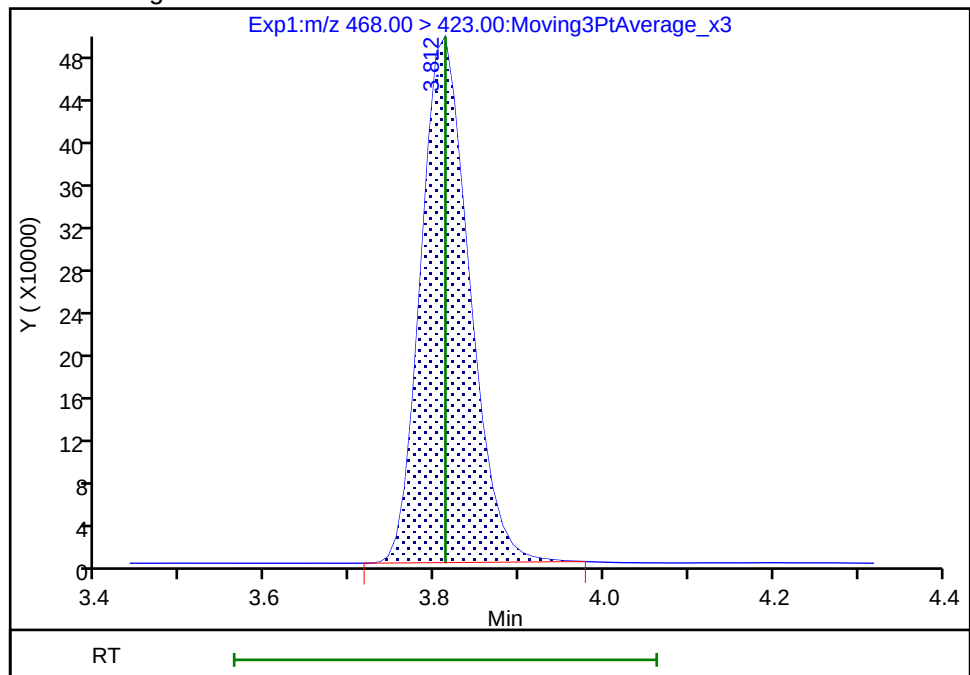
RT: 3.81
Area: 1967606
Amount: 1.224579
Amount Units: ng/ml

Processing Integration Results



RT: 3.81
Area: 1953759
Amount: 1.215961
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:05:52

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d

Injection Date: 04-Aug-2022 20:42:16

Instrument ID: LC812

Lims ID: MB 200-182357/1-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

2

Worklist Smp#: 2

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

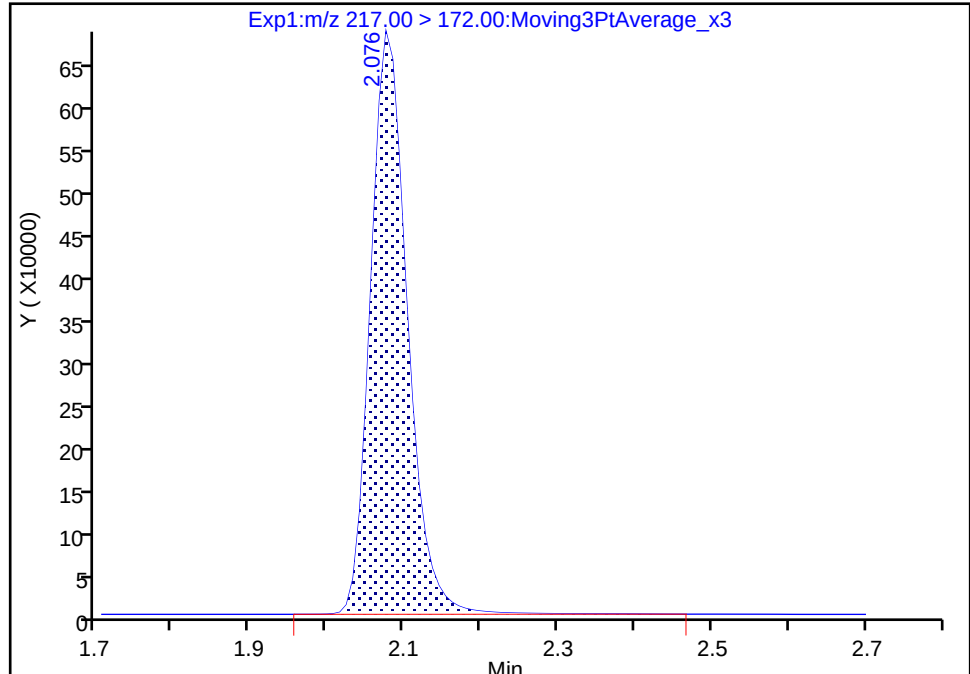
Detector: EXP1

D 1 13C4 PFBA, CAS: STL00992

Signal: 1

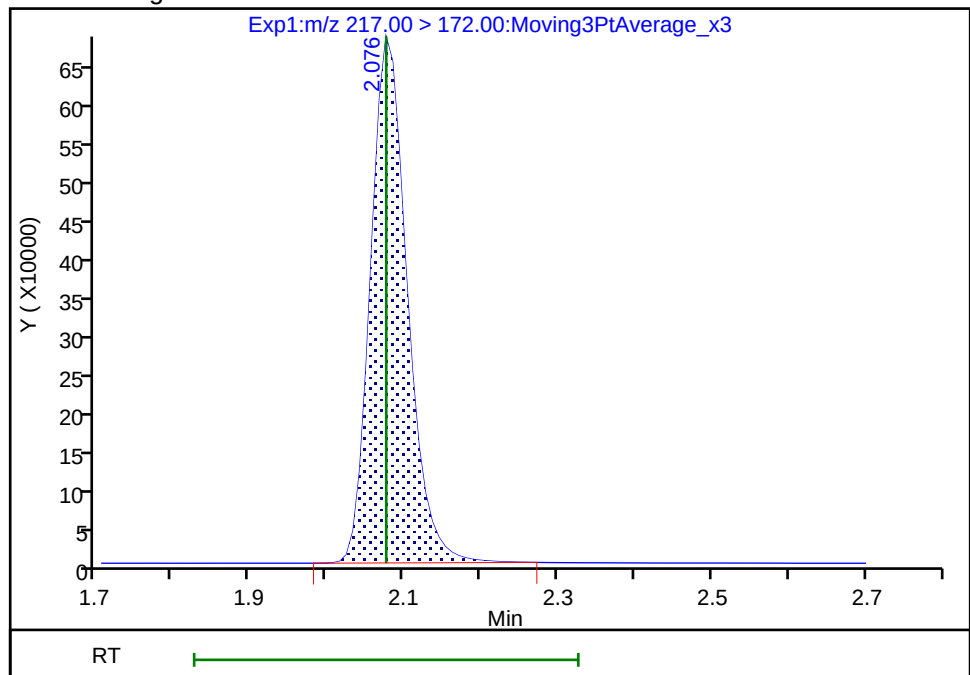
RT: 2.08
Area: 2259067
Amount: 1.184610
Amount Units: ng/ml

Processing Integration Results



RT: 2.08
Area: 2247536
Amount: 1.185272
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:56:15

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d

Injection Date: 04-Aug-2022 20:42:16

Instrument ID: LC812

Lims ID: MB 200-182357/1-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

2

Worklist Smp#: 2

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

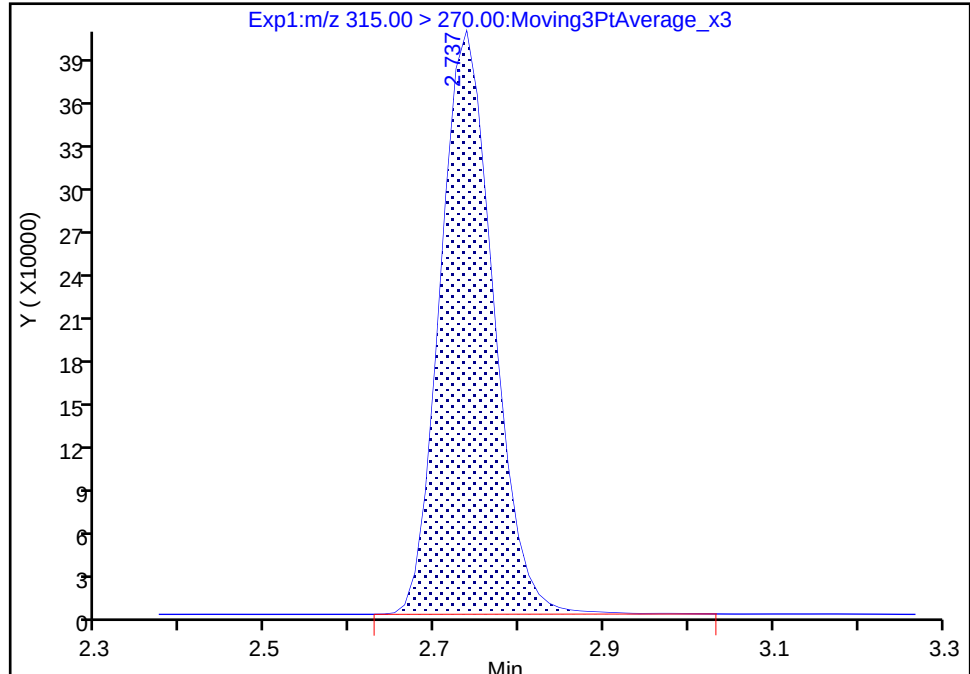
Detector: EXP1

D 7 13C2 PFHxA, CAS: STL00993

Signal: 1

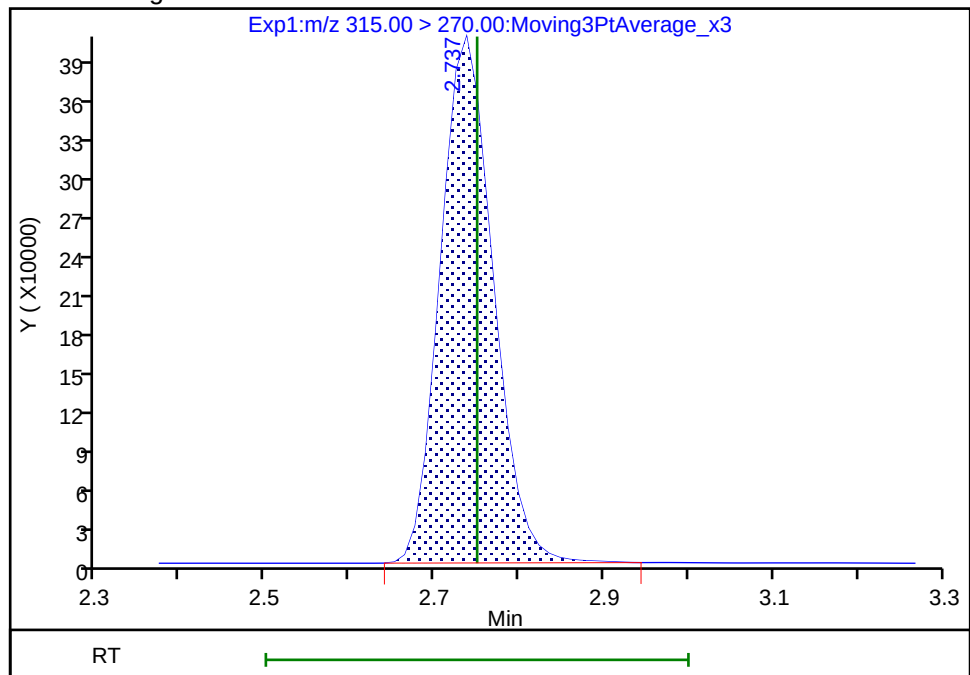
RT: 2.74
Area: 1773259
Amount: 1.210875
Amount Units: ng/ml

Processing Integration Results



RT: 2.74
Area: 1769300
Amount: 1.215049
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:56:47

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d

Injection Date: 04-Aug-2022 20:42:16

Instrument ID: LC812

Lims ID: MB 200-182357/1-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

2

Worklist Smp#: 2

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

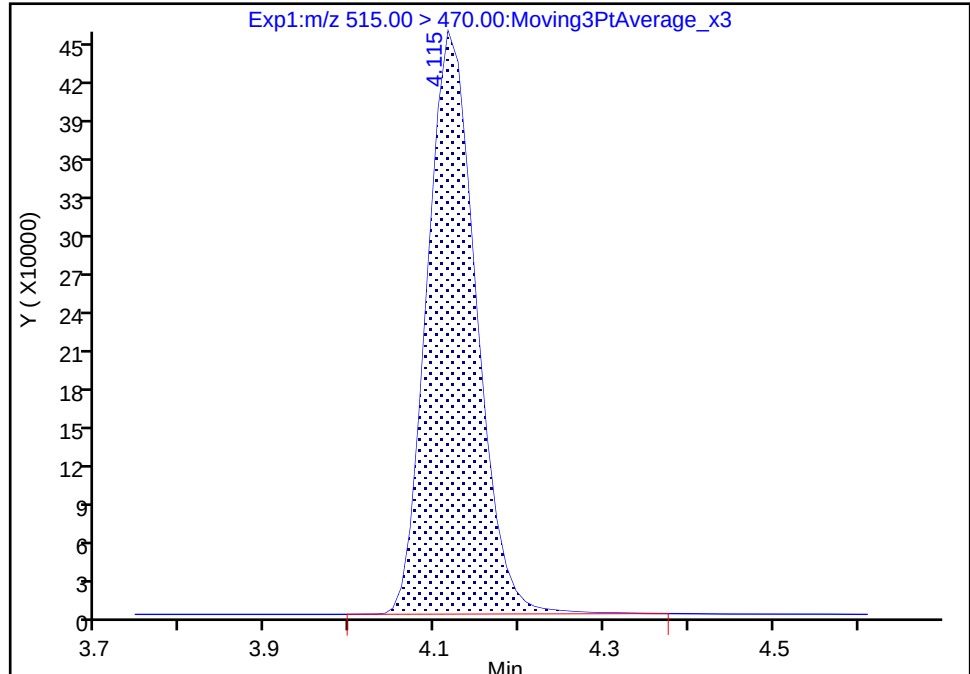
Detector: EXP1

D 23 13C2 PFDA, CAS: STL00996

Signal: 1

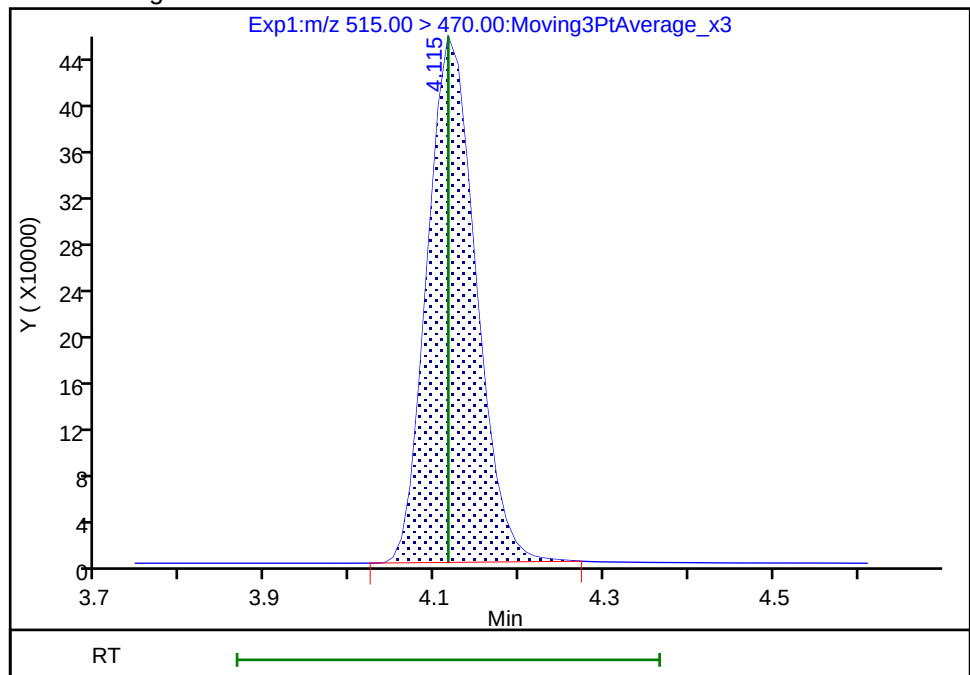
RT: 4.12
Area: 1829937
Amount: 1.170219
Amount Units: ng/ml

Processing Integration Results



RT: 4.12
Area: 1816862
Amount: 1.161858
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:07:19

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

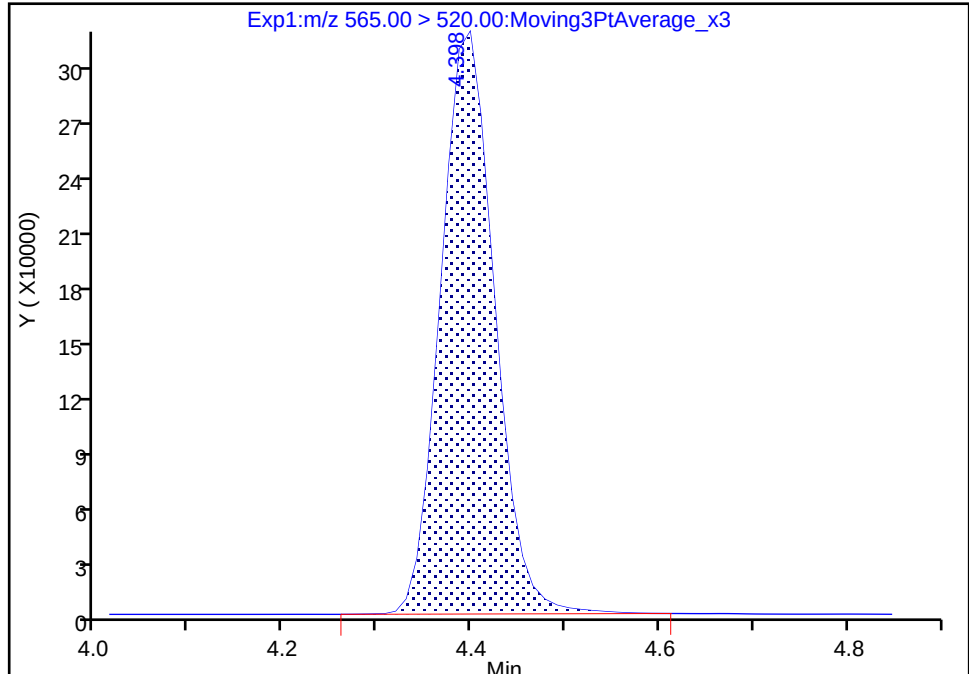
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d
Injection Date: 04-Aug-2022 20:42:16 Instrument ID: LC812
Lims ID: MB 200-182357/1-A
Client ID:
Operator ID: lc812tech ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 30 13C2 PFUnA, CAS: STL00997

Signal: 1

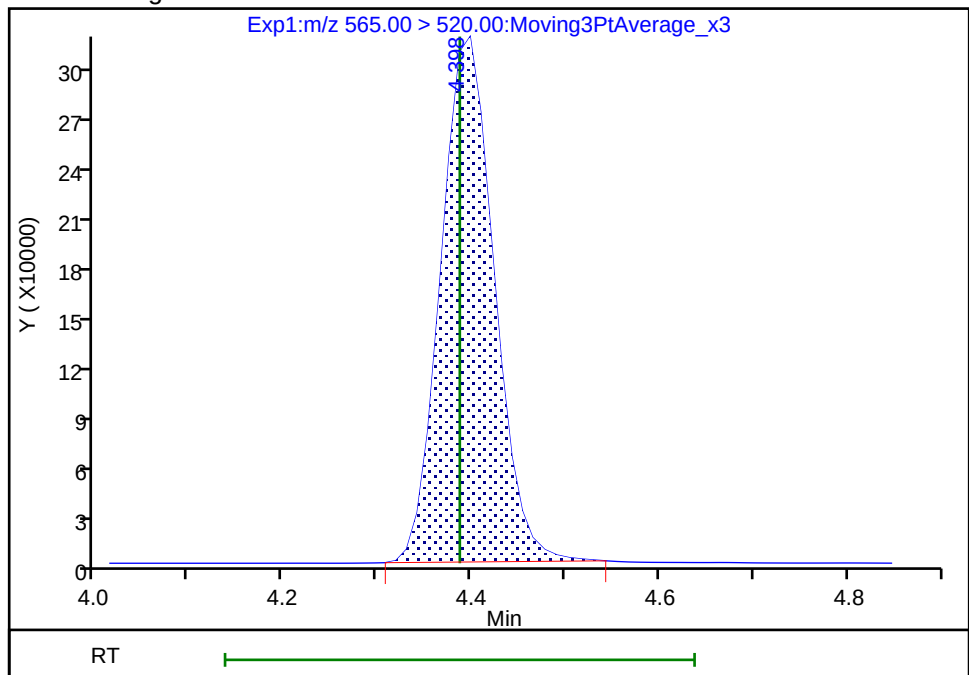
RT: 4.40
Area: 1240963
Amount: 1.047383
Amount Units: ng/ml

Processing Integration Results



RT: 4.40
Area: 1230130
Amount: 1.038240
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:08:14
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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08/09/2022

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d

Injection Date: 04-Aug-2022 20:42:16

Instrument ID: LC812

Lims ID: MB 200-182357/1-A

Client ID:

Operator ID: lc812tech

ALS Bottle#: 2 Worklist Smp#: 2

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

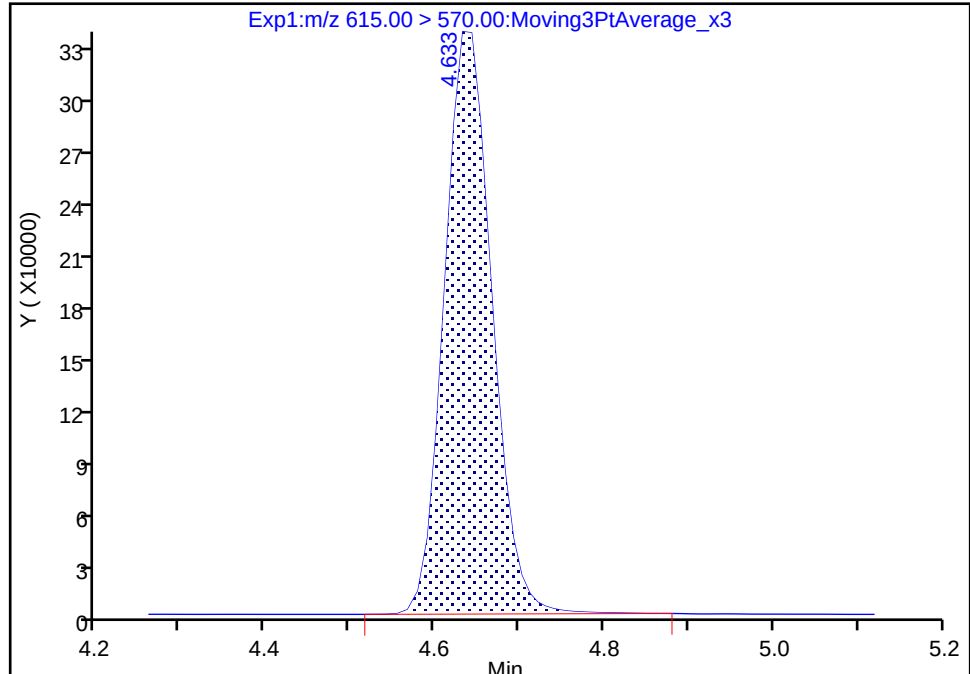
Detector: EXP1

D 36 13C2 PFD_oA, CAS: STL00998

Signal: 1

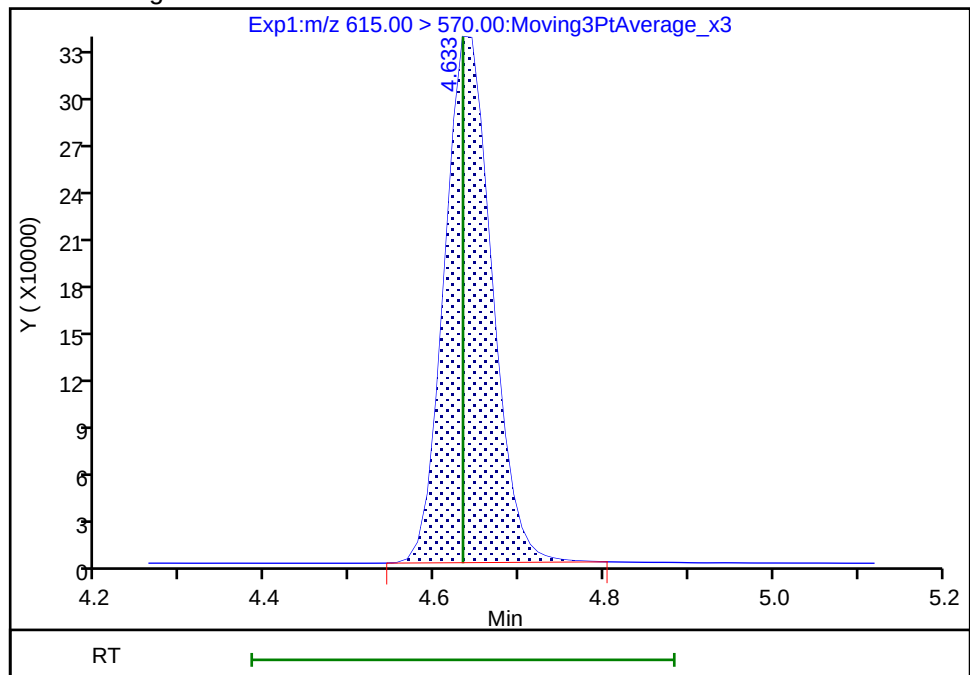
RT: 4.63
Area: 1298006
Amount: 1.057213
Amount Units: ng/ml

Processing Integration Results



RT: 4.63
Area: 1293064
Amount: 1.053188
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:08:50

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d

Injection Date: 04-Aug-2022 20:42:16

Instrument ID: LC812

Lims ID: MB 200-182357/1-A

Client ID:

Operator ID: lc812tech

ALS Bottle#: 2 Worklist Smp#: 2

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

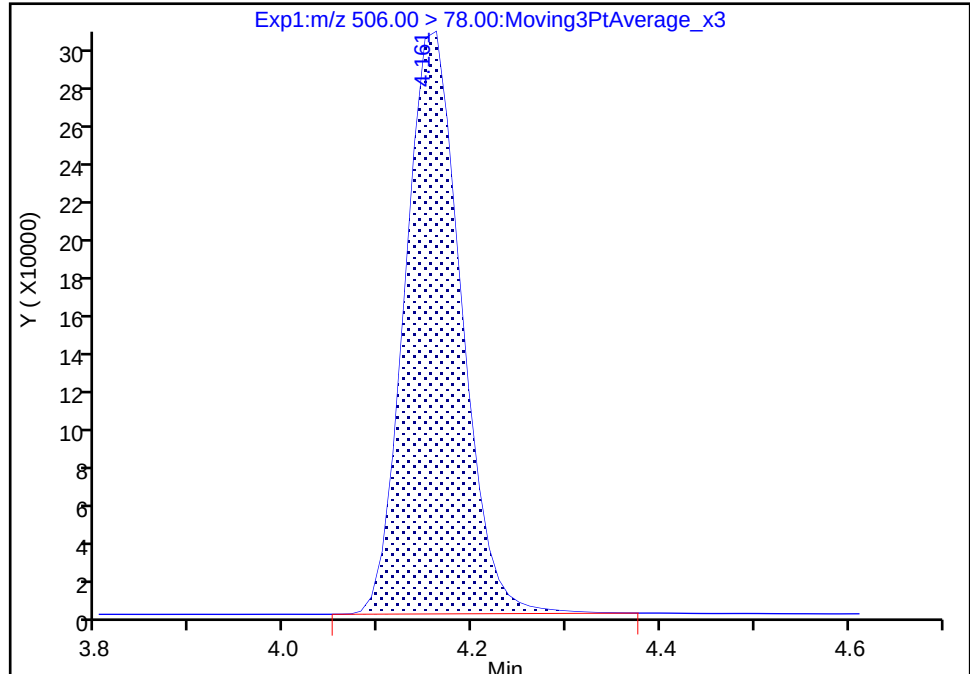
Detector: EXP1

D 21 13C8 FOSA, CAS: STL01056

Signal: 1

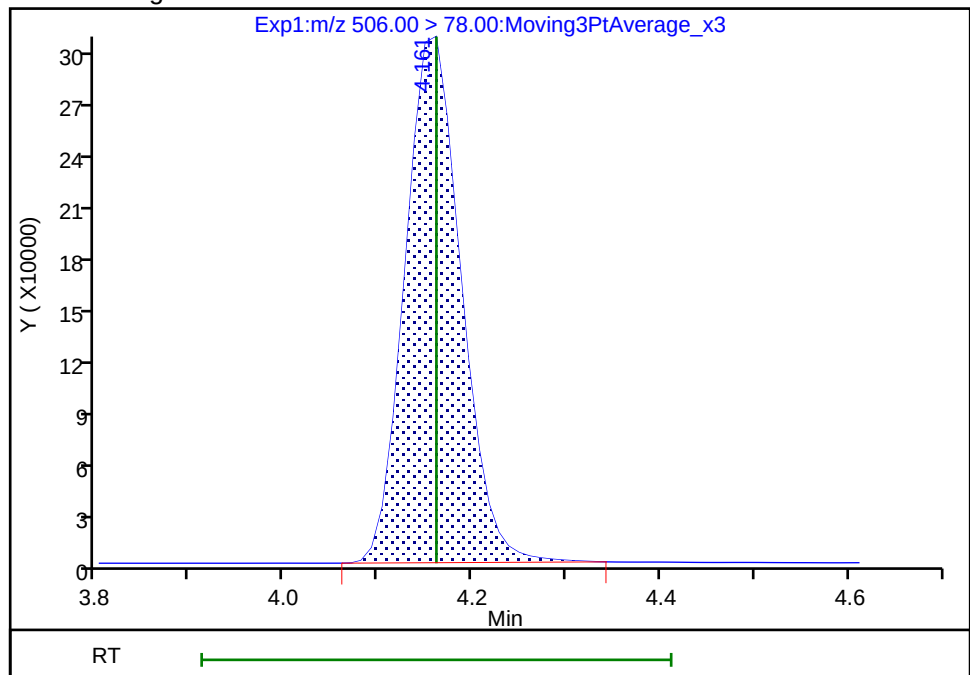
RT: 4.16
Area: 1268281
Amount: 0.926674
Amount Units: ng/ml

Processing Integration Results



RT: 4.16
Area: 1266395
Amount: 0.925296
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:07:53

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d

Injection Date: 04-Aug-2022 20:42:16

Instrument ID: LC812

Lims ID: MB 200-182357/1-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

2

Worklist Smp#: 2

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

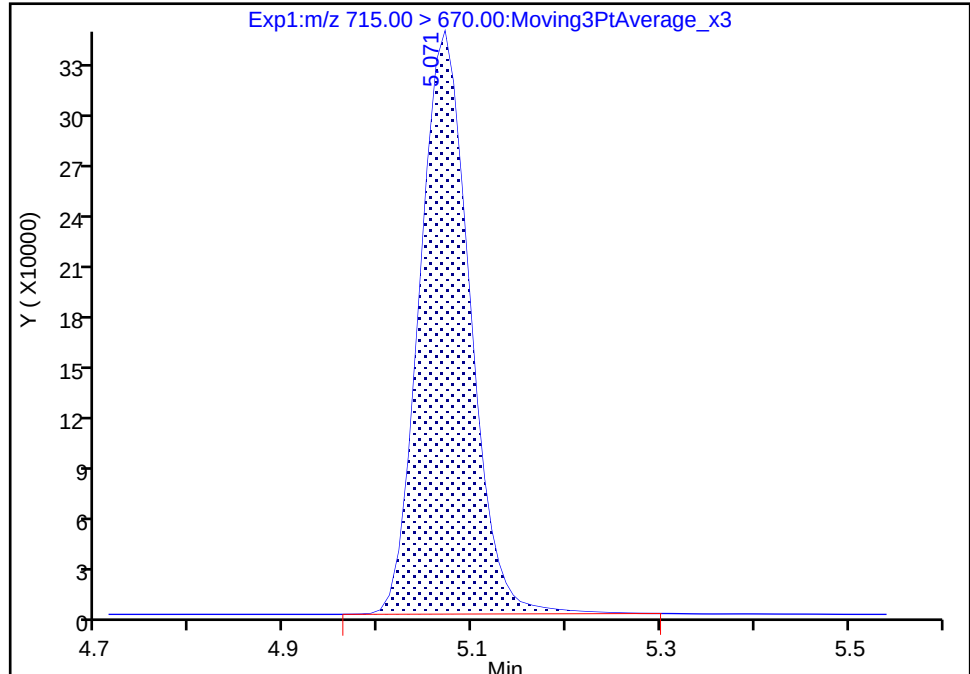
Detector: EXP1

D 43 13C2 PFTeDA, CAS: STL02116

Signal: 1

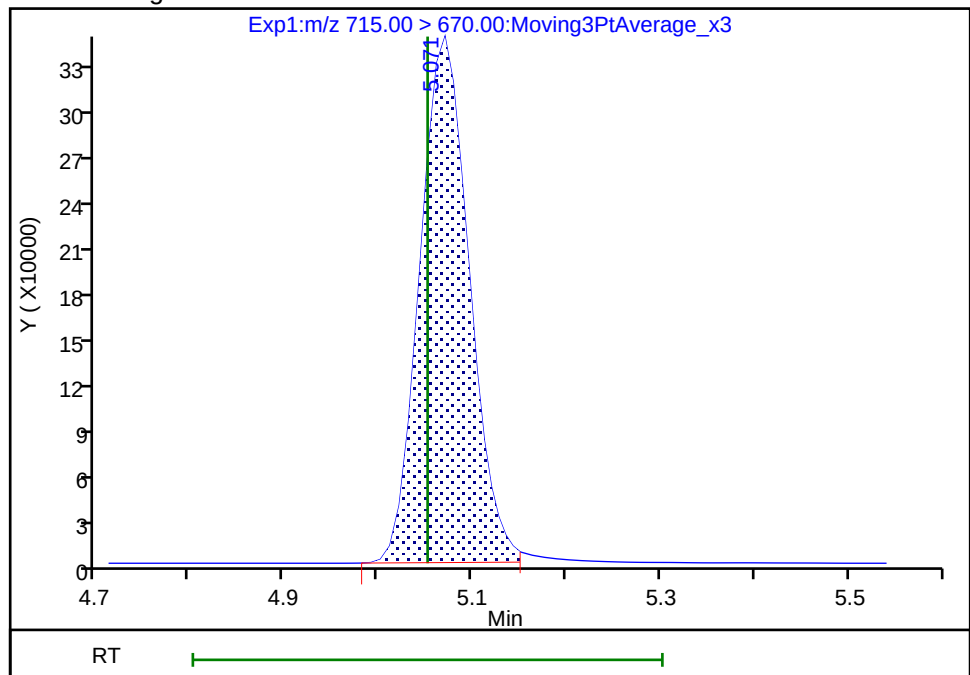
RT: 5.07
Area: 1265684
Amount: 1.261068
Amount Units: ng/ml

Processing Integration Results



RT: 5.07
Area: 1247956
Amount: 1.243405
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:09:13

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d

Injection Date: 04-Aug-2022 20:42:16

Instrument ID: LC812

Lims ID: MB 200-182357/1-A

Client ID:

Operator ID: lc812tech

ALS Bottle#: 2 Worklist Smp#: 2

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

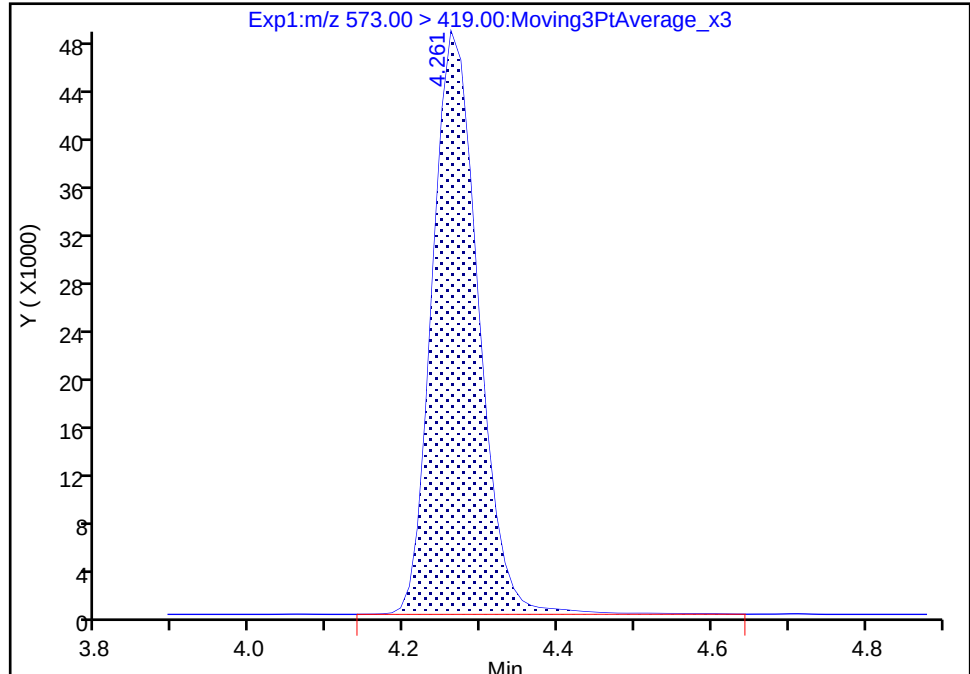
Detector: EXP1

D 27 d3-NMeFOSAA, CAS: STL02118

Signal: 1

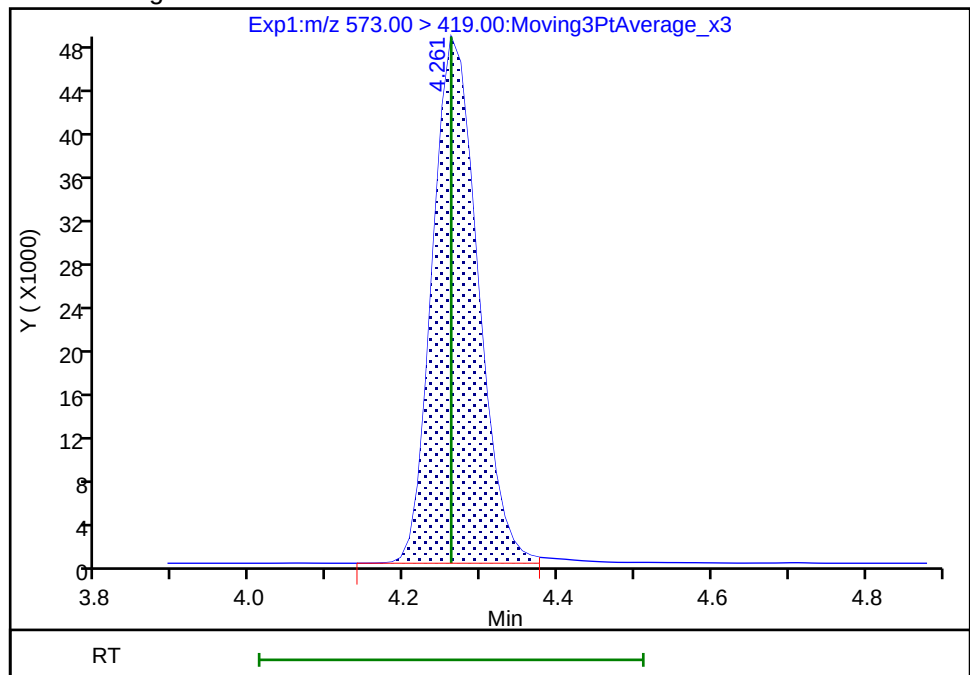
RT: 4.26
Area: 202889
Amount: 0.962536
Amount Units: ng/ml

Processing Integration Results



RT: 4.26
Area: 200752
Amount: 0.957820
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:16:11

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d

Injection Date: 04-Aug-2022 20:42:16

Instrument ID: LC812

Lims ID: MB 200-182357/1-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

2

Worklist Smp#: 2

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

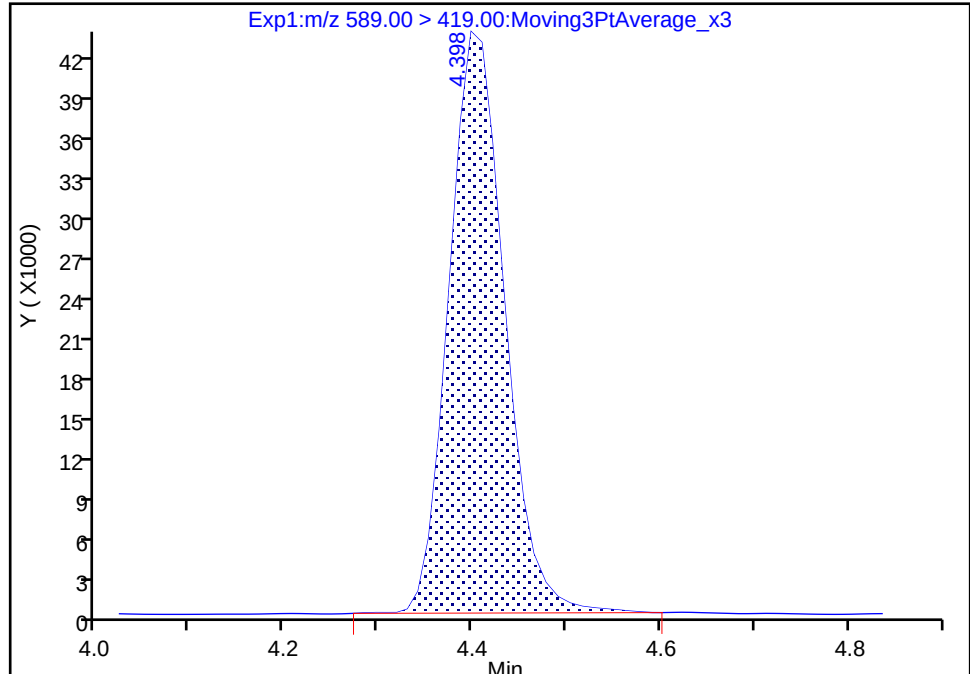
Detector: EXP1

D 32 d5-NEtFOSAA, CAS: STL02117

Signal: 1

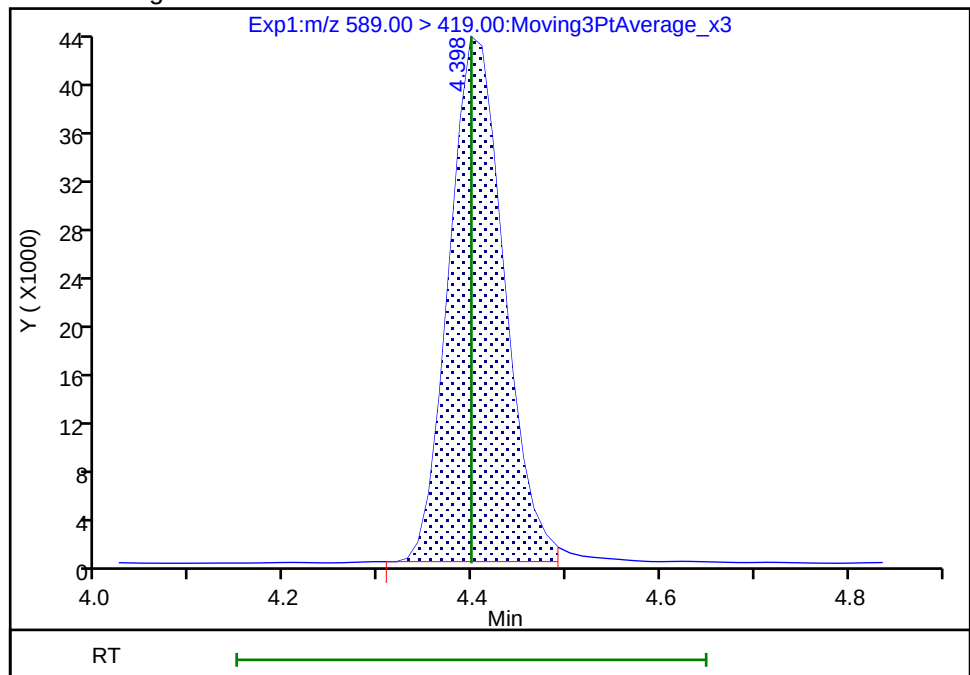
RT: 4.40
Area: 179282
Amount: 0.903706
Amount Units: ng/ml

Processing Integration Results



RT: 4.40
Area: 176629
Amount: 0.890333
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:08:37

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d

Injection Date: 04-Aug-2022 20:42:16

Instrument ID: LC812

Lims ID: MB 200-182357/1-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

2

Worklist Smp#: 2

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

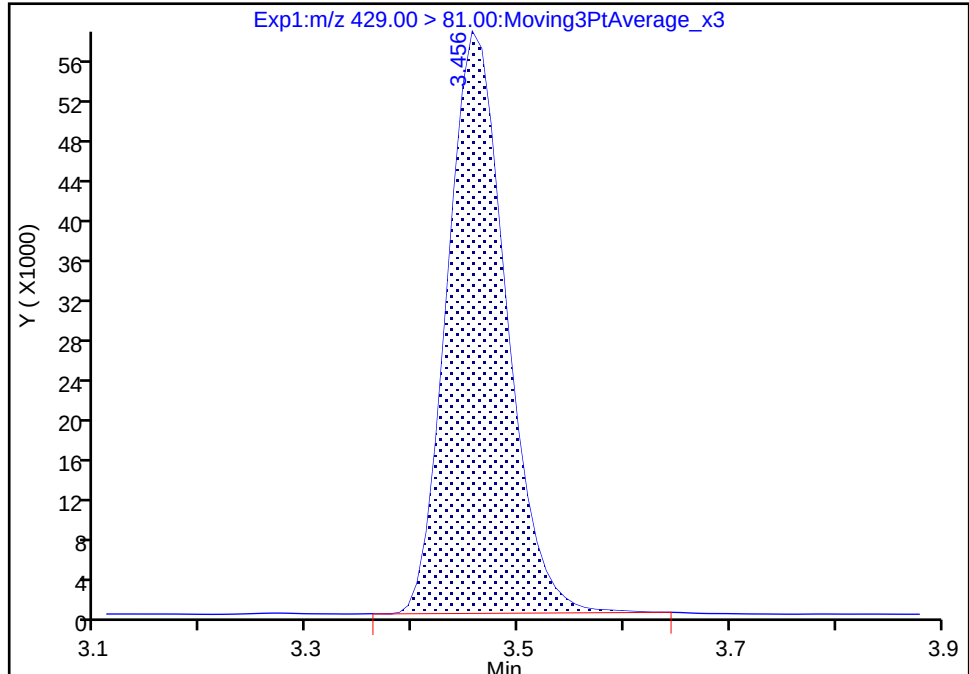
Detector: EXP1

D 12 M2-6:2 FTS, CAS: STL02279

Signal: 1

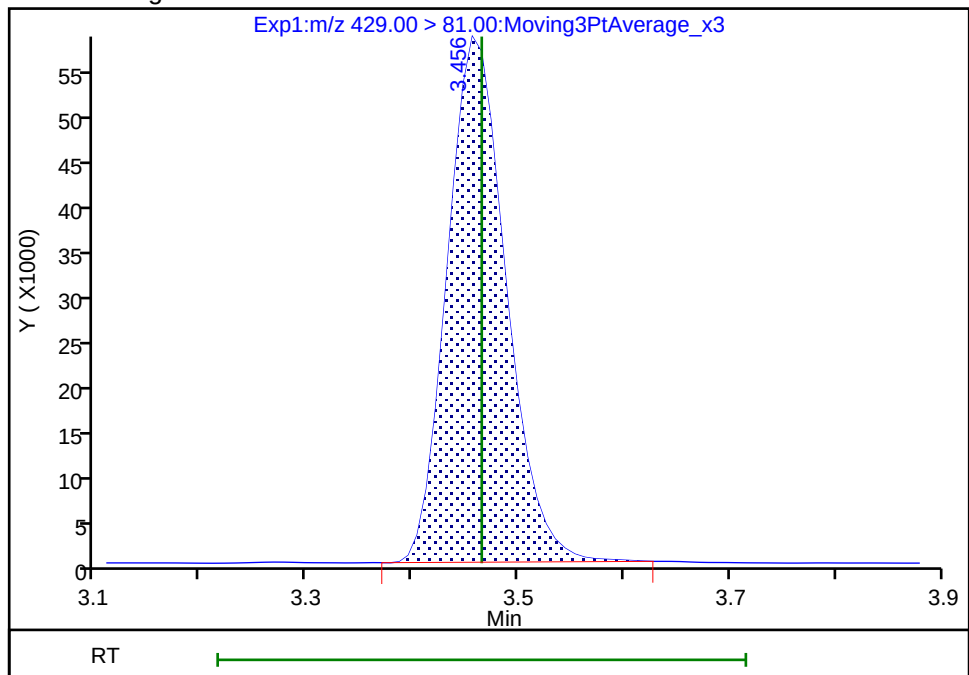
RT: 3.46
Area: 224822
Amount: 1.125301
Amount Units: ng/ml

Processing Integration Results



RT: 3.46
Area: 224571
Amount: 1.130444
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:01:41

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d

Injection Date: 04-Aug-2022 20:42:16

Instrument ID: LC812

Lims ID: MB 200-182357/1-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

2

Worklist Smp#: 2

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

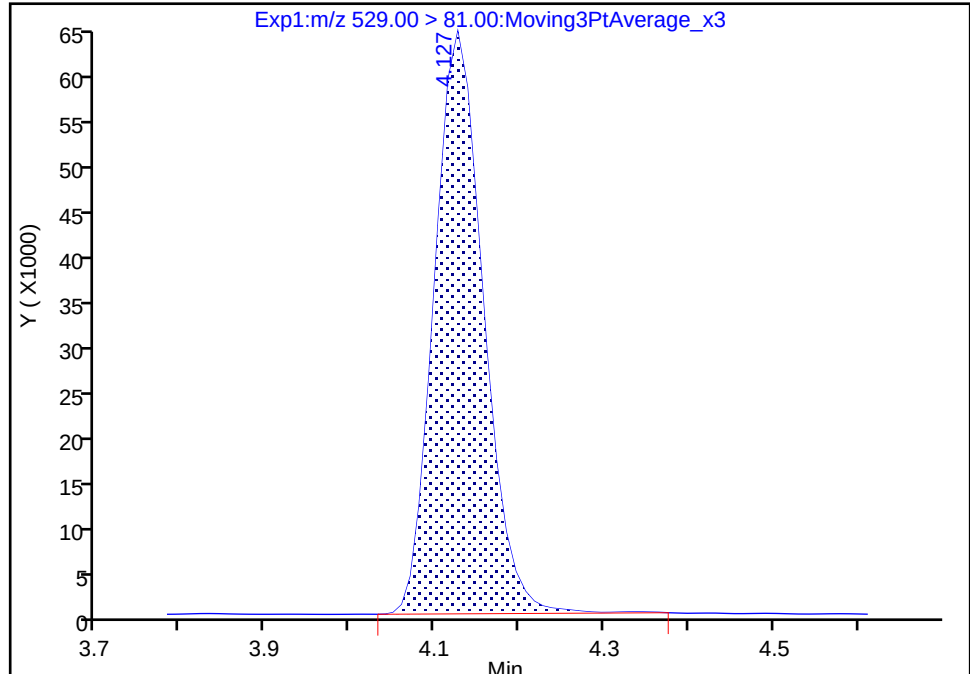
Detector: EXP1

D 26 M2-8:2 FTS, CAS: STL02280

Signal: 1

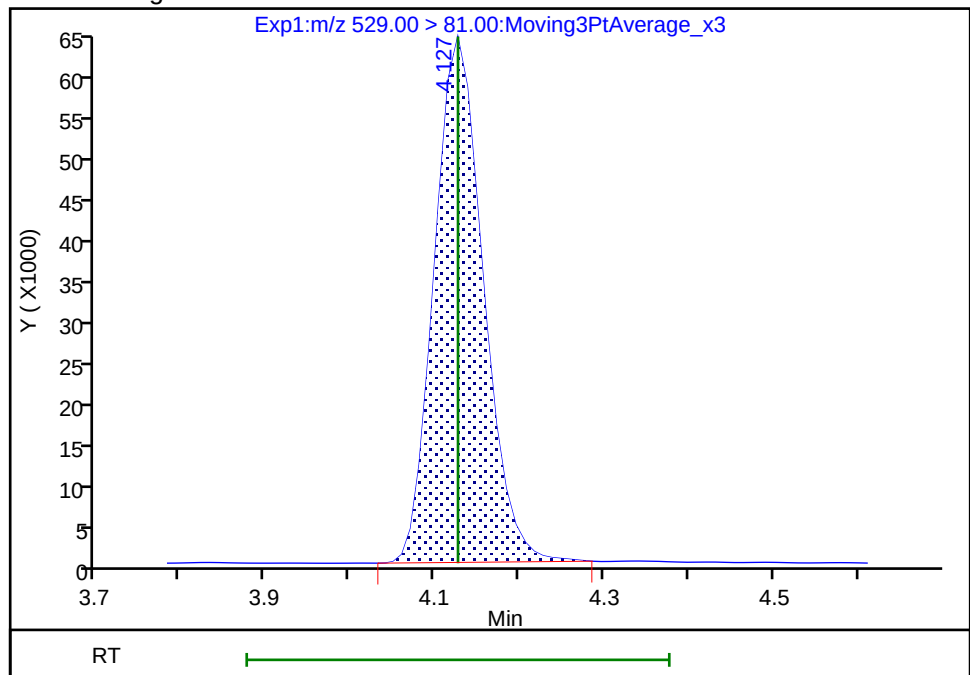
RT: 4.13
Area: 261421
Amount: 1.093686
Amount Units: ng/ml

Processing Integration Results



RT: 4.13
Area: 260130
Amount: 1.088285
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:07:41

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d

Injection Date: 04-Aug-2022 20:42:16

Instrument ID: LC812

Lims ID: MB 200-182357/1-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

2

Worklist Smp#: 2

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

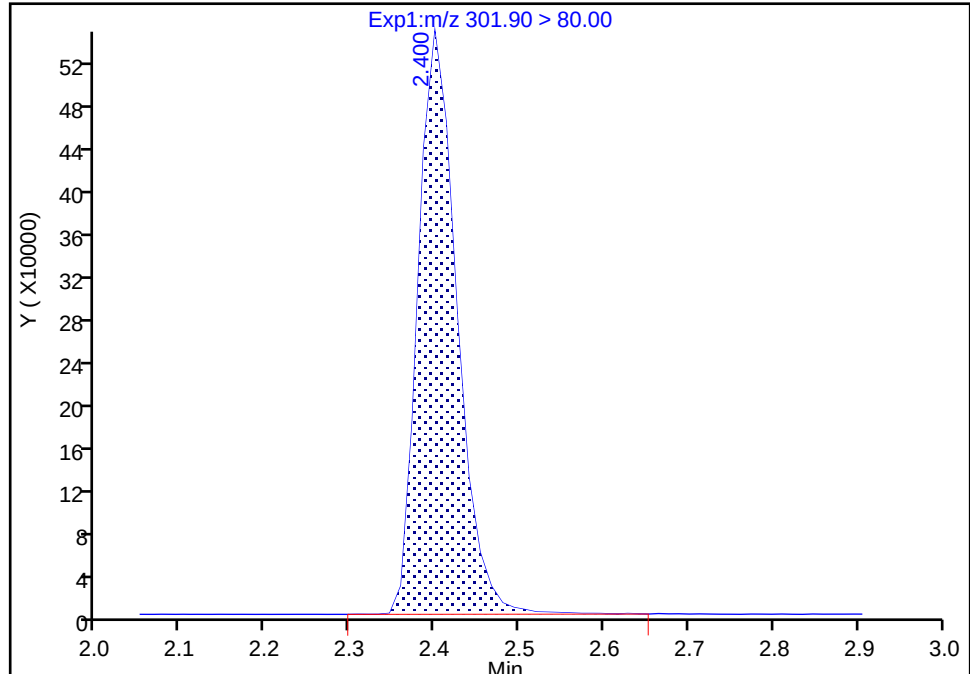
Detector: EXP1

D 47 13C3 PFBS, CAS: STL02337

Signal: 1

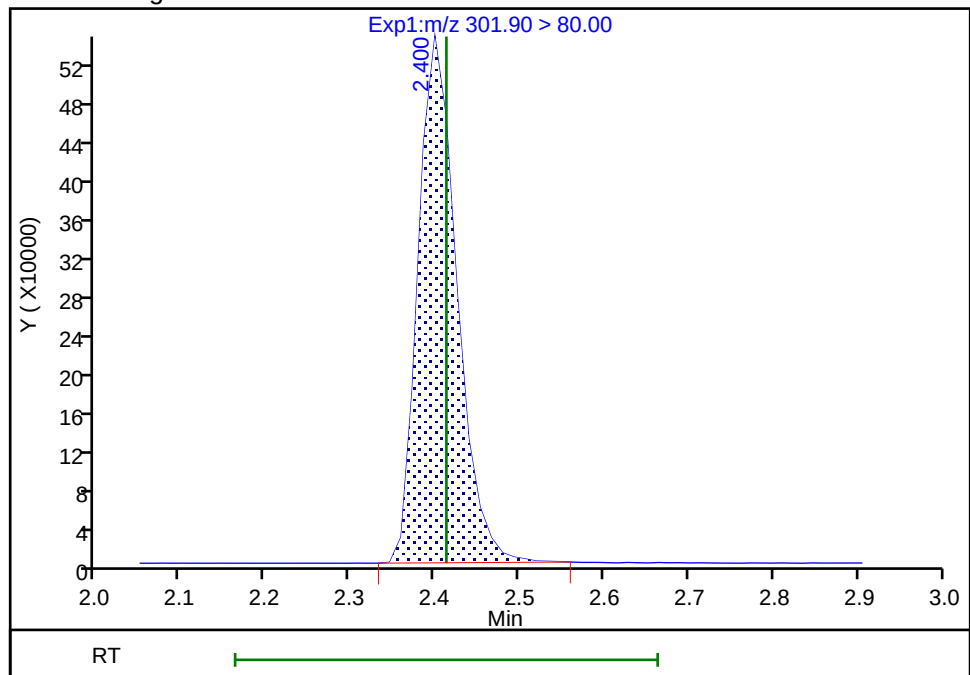
RT: 2.40
Area: 1745512
Amount: 1.028449
Amount Units: ng/ml

Processing Integration Results



RT: 2.40
Area: 1735338
Amount: 1.028275
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 08:56:29

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D02.d

Injection Date: 04-Aug-2022 20:42:16

Instrument ID: LC812

Lims ID: MB 200-182357/1-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

2

Worklist Smp#: 2

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

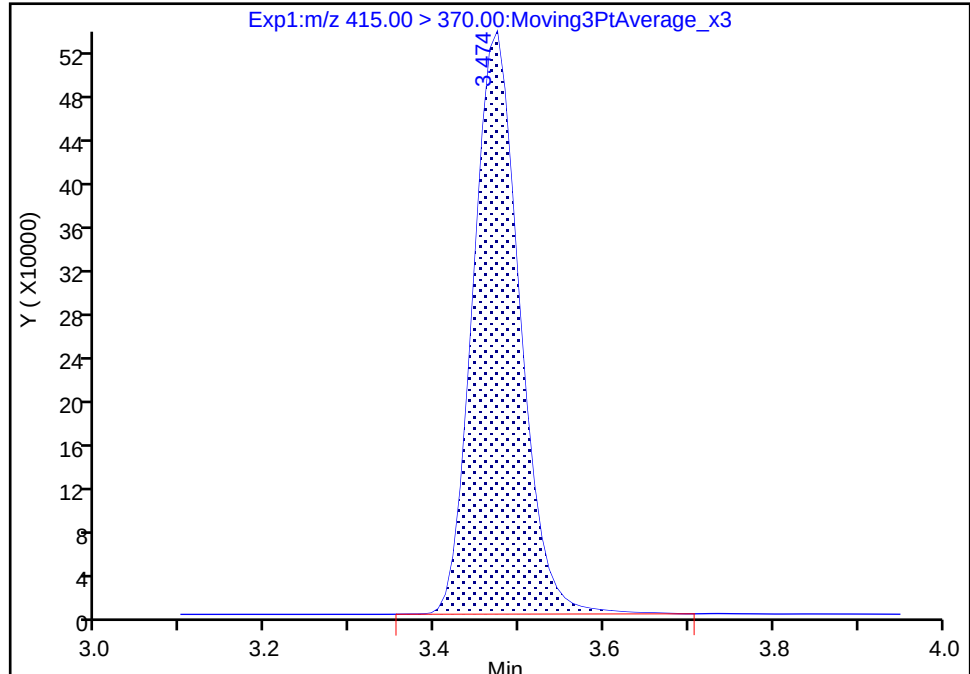
Detector: EXP1

* 62 13C2 PFOA, CAS: STL00623

Signal: 1

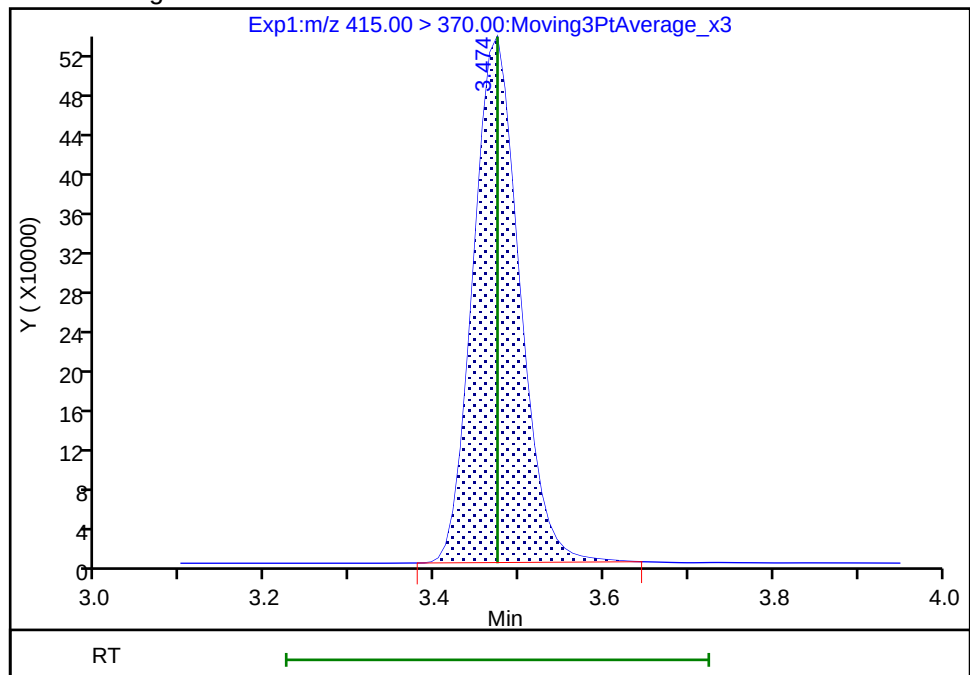
RT: 3.47
Area: 2042567
Amount: 1.250000
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 2031005
Amount: 1.250000
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:03:41

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 460-262853-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: CCB 200-182364/4

Matrix: Solid Lab File ID: PA220804A04.d

Analysis Method: 537 (modified) Date Collected: _____

Extraction Method: _____ Date Extracted: _____

Sample wt/vol: 1 (mL) Date Analyzed: 08/04/2022 11:01

Con. Extract Vol.: _____ Dilution Factor: 1

Injection Volume: 20 (uL) GC Column: C-18 ID: 4.6 (mm)

% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N

Cleanup Factor: _____

Analysis Batch No.: 182364 Units: ng/mL

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	0.13	U	0.13	0.030
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.050	U	0.050	0.017
307-24-4	Perfluorohexanoic acid (PFHxA)	0.050	U	0.050	0.016
375-85-9	Perfluoroheptanoic acid (PFHpA)	0.050	U	0.050	0.014
335-67-1	Perfluorooctanoic acid (PFOA)	0.050	U	0.050	0.019
375-95-1	Perfluorononanoic acid (PFNA)	0.050	U	0.050	0.012
335-76-2	Perfluorodecanoic acid (PFDA)	0.050	U	0.050	0.012
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.050	U	0.050	0.014
307-55-1	Perfluorododecanoic acid (PFDoA)	0.050	U	0.050	0.012
72629-94-8	Perfluorotridecanoic acid (PFTriA)	0.050	U	0.050	0.012
376-06-7	Perfluorotetradecanoic acid (PFTeA)	0.050	U	0.050	0.016
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.050	U	0.050	0.016
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	0.050	U	0.050	0.014
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	0.050	U	0.050	0.010
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.050	U	0.050	0.021
335-77-3	Perfluorodecanesulfonic acid (PFDS)	0.050	U	0.050	0.010
754-91-6	Perfluorooctanesulfonamide (FOSA)	0.050	U	0.050	0.023
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.13	U	0.13	0.048
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.13	U	0.13	0.040
27619-97-2	6:2 FTS	0.13	U	0.13	0.032
39108-34-4	8:2 FTS	0.050	U	0.050	0.020

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 460-262853-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: CCB 200-182364/4
 Matrix: Solid Lab File ID: PA220804A04.d
 Analysis Method: 537 (modified) Date Collected: _____
 Extraction Method: _____ Date Extracted: _____
 Sample wt/vol: 1 (mL) Date Analyzed: 08/04/2022 11:01
 Con. Extract Vol.: _____ Dilution Factor: 1
 Injection Volume: 20 (uL) GC Column: C-18 ID: 4.6 (mm)
 % Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
 Cleanup Factor: _____
 Analysis Batch No.: 182364 Units: ng/mL

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00994	18O2 PFHxS	93		50-150
STL01892	13C4 PFHpA	91		50-150
STL00990	13C4 PFOA	97		50-150
STL00991	13C4 PFOS	94		50-150
STL00995	13C5 PFNA	101		50-150
STL00992	13C4 PFBA	97		50-150
STL00993	13C2 PFHxA	98		50-150
STL00996	13C2 PFDA	96		50-150
STL00997	13C2 PFUnA	99		50-150
STL00998	13C2 PFDoA	104		50-150
STL01056	13C8 FOSA	95		50-150
STL01893	13C5 PFPeA	98		50-150
STL02116	13C2 PFTeDA	111		50-150
STL02118	d3-NMeFOSAA	81		50-150
STL02117	d5-NEtFOSAA	81		50-150
STL02279	M2-6:2 FTS	96		50-150
STL02280	M2-8:2 FTS	96		50-150
STL02337	13C3 PFBS	94		50-150

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A04.d
 Lims ID: CCB
 Client ID:
 Sample Type: CCB
 Inject. Date: 04-Aug-2022 11:01:08 ALS Bottle#: 1 Worklist Smp#: 4
 Injection Vol: 20.0 ul Dil. Factor: 1.0000
 Sample Info: CCB
 Misc. Info.: 200-0051953-004 Plate: 1 Rack: 1
 Operator ID: lc812tech Instrument ID: LC812
 Method: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PFC_LC812.m
 Limit Group: LC_PFC_ICAL
 Last Update: 05-Aug-2022 08:12:20 Calib Date: 03-Aug-2022 13:41:11
 Integrator: Picker
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
 Column 1 : C-18 (4.60 mm) Det: EXP1
 Process Host: CTX1640

First Level Reviewer: SJ4N

Date: 04-Aug-2022 16:50:08

Ratio Calibration: Initial Calibration Level: 4

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	2.085	2.076	0.009	0.600	2104585	1.21		97.0	11143	
D 3 13C5 PFPeA										
267.90 > 223.00	2.400	2.400	0.0	0.691	1632005	1.22		97.8	3478	
D 47 13C3 PFBS										
301.90 > 80.00	2.413	2.413	0.0	0.695	1687058	1.09		93.9	268737	
5 Perfluorobutanesulfonic acid										M
298.90 > 80.00	2.413	2.413	0.0	1.000	3508	0.002190	Target=2.23	3.9		M
298.90 > 99.00	2.413	2.413	0.0	1.000	2197		1.60(1.11-3.34)	1.4		M
D 60 M2-4:2 FTS										
329.00 > 81.00	2.713	2.713	0.0	0.781	151830	1.14		97.8	174	
D 7 13C2 PFHxA										
315.00 > 270.00	2.750	2.750	0.0	0.792	1630391	1.22		97.8	4439	
D 64 13C3 HFPO-DA										
287.00 > 169.00	2.859	2.859	0.0	0.823	297764	1.19		94.9	2731	
67 Perfluoro(2-propoxypropanoic) ac										M
285.00 > 169.00	2.859	2.859	0.0	1.000	185	0.000723		5.2		M
D 11 18O2 PFHxS										
403.00 > 84.00	3.121	3.110	0.011	0.898	1197506	1.10		93.2	2384	
8 Perfluorohexanesulfonic acid										M
399.00 > 80.00	3.110	3.110	0.0	0.996	5200	0.004656	Target=3.43	18.9		M
399.00 > 99.00	3.110	3.110	0.0	0.996	1026		5.07(1.72-5.15)	1.8		M
D 9 13C4 PFHpA										
367.00 > 322.00	3.121	3.121	0.0	0.898	1575485	1.14		91.1	4087	
10 Perfluoroheptanoic acid										M
363.00 > 319.00	3.110	3.121	-0.011	0.996	1825	0.001405	Target=3.73	0.8		
363.00 > 169.00	3.121	3.121	0.0	1.000	550		3.32(1.86-5.59)	1.2		M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 12 M2-6:2 FTS										
429.00 > 81.00	3.465	3.465	0.0	0.997	207393	1.14		96.0	632	
13 1H,1H,2H,2H-perfluorooctanesulfo										
427.00 > 407.00	3.465	3.465	0.0	1.000	621	-0.0144			3.9	
D 14 13C4 PFOA										
417.00 > 372.00	3.474	3.474	0.0	1.000	1722145	1.22		97.2	3182	
* 62 13C2 PFOA										
415.00 > 370.00	3.474	3.474	0.0		1859555	1.25			6610	
17 Perfluorooctanesulfonic acid										RM
499.00 > 80.00	3.792	3.792	0.0	1.000	2311	-0.0154	Target=4.88		2.3	RM
499.00 > 99.00	3.792	3.792	0.0	1.000	1208		1.91(2.44-7.32)		3.8	M
D 18 13C4 PFOS										
503.00 > 80.00	3.792	3.792	0.0	1.092	912051	1.12		94.1	2006	
D 19 13C5 PFNA										
468.00 > 423.00	3.812	3.812	0.0	1.097	1861727	1.27		101	2760	
D 23 13C2 PFDA										
515.00 > 470.00	4.116	4.116	0.0	1.185	1725847	1.21		96.4	5187	
25 1H,1H,2H,2H-perfluorodecanesulfo										M
527.00 > 507.00	4.116	4.127	-0.011	0.997	346	0.001710			4.4	M
D 26 M2-8:2 FTS										
529.00 > 81.00	4.127	4.127	0.0	1.188	250848	1.15		95.7	826	
D 21 13C8 FOSA										
506.00 > 78.00	4.161	4.161	0.0	1.198	1484724	1.18		94.8	2696	
22 Perfluorooctanesulfonamide										M
498.00 > 78.00	4.173	4.161	0.012	1.003	623	0.000515			4.8	M
28 N-methylperfluorooctanesulfonami										M
570.00 > 419.00	4.023	4.261	-0.238	0.944	139	0.001011			0.3	M
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.261	4.261	0.0	1.227	193474	1.01		80.7	2132	
D 30 13C2 PFUnA										
565.00 > 520.00	4.387	4.387	0.0	1.263	1343724	1.24		99.1	2550	
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.399	4.399	0.0	1.266	183545	1.01		80.8	1487	
66 11-Chloroeicosafuoro-3-oxaundec										M
631.00 > 451.00	4.504	4.491	0.013	1.188	1232	0.000702			12.7	M
D 36 13C2 PFDaA										
615.00 > 570.00	4.633	4.633	0.0	1.334	1456944	1.30		104	2264	
37 Perfluorododecanoic acid										RM
613.00 > 569.00	4.633	4.633	0.0	1.000	1792	0.001516	Target=6.97		0.3	R
613.00 > 169.00	4.622	4.633	-0.011	0.998	139		12.89(3.48-10.45)		1.8	M
74 1H,1H,2H,2H-perfluorododecanesul										
627.00 > 607.00	4.643	4.654	-0.011	1.125	323	0.003418			14.4	
D 43 13C2 PFTeDA										
715.00 > 670.00	5.062	5.052	0.010	1.457	1273787	1.39		111	3473	
42 Perfluorotetradecanoic acid										M
713.00 > 169.00	5.062	5.052	0.010	1.000	213	0.001305	Target=0.94		4.1	M
713.00 > 219.00	5.052	5.052	0.0	0.998	358		0.59(0.47-1.41)		8.9	M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.433	5.422	0.011	1.002	12268	-0.008282	Target=4.38		3.9	
813.00 > 169.00	5.433	5.422	0.011	1.002	2767		4.43(2.19-6.57)		41.3	
D 44 13C2 PFHxDA										
815.00 > 770.00	5.422	5.422	0.0	1.561	1373168	1.31		105	3809	
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.803	5.795	0.008	1.070	543	0.000743	Target=4.31		0.3	M
913.00 > 169.00	5.794	5.795	-0.001	1.069	165		3.29(2.16-6.47)		4.5	M

QC Flag Legend

Processing Flags

R - Failed Signal Ratio Test

Review Flags

M - Manually Integrated

Reagents:

PFAS32NCBLK20_00021

Amount Added: 100.00

Units: uL

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A04.d

Injection Date: 04-Aug-2022 11:01:08

Instrument ID: LC812

Lims ID: CCB

Client ID:

Operator ID: lc812tech

ALS Bottle#: 1

Worklist Smp#: 4

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

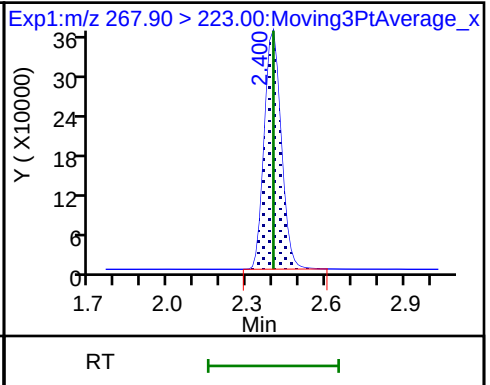
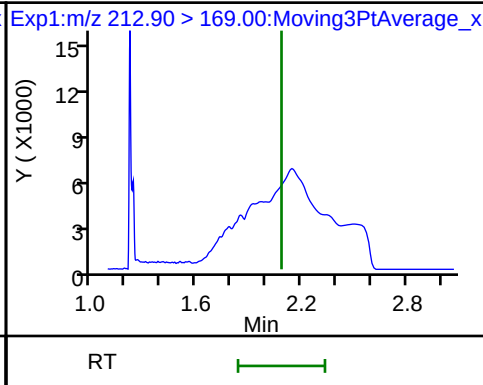
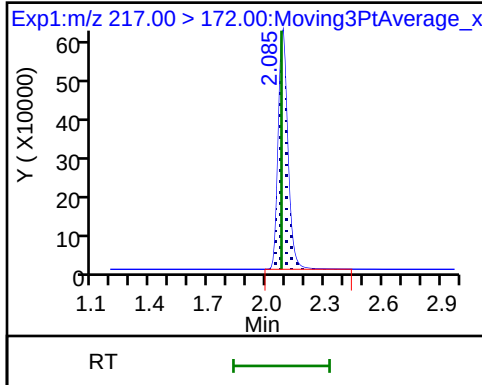
Method: PFC_LC812

Limit Group: LC_PFC_ICAL

D 1 13C4 PFBA

2 Perfluorobutanoic acid (ND)

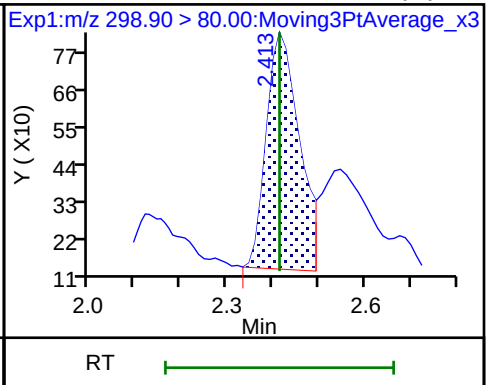
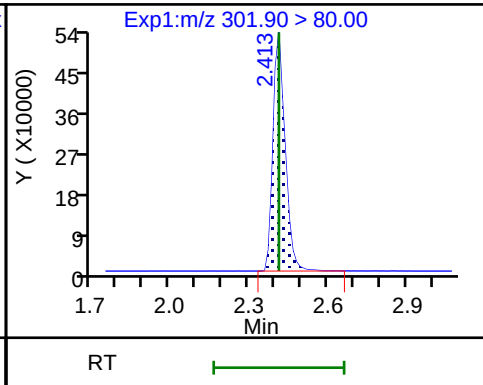
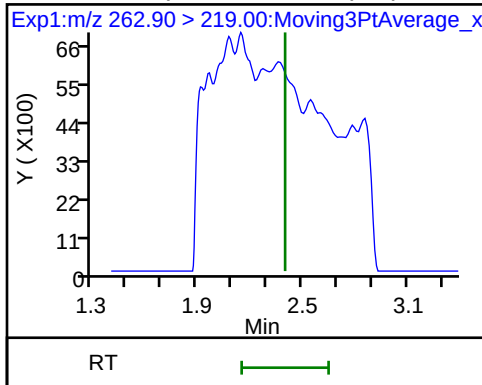
D 3 13C5 PFPeA



4 Perfluoropentanoic acid (ND)

D 47 13C3 PFBS

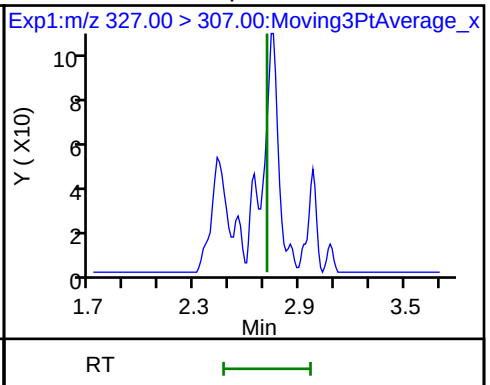
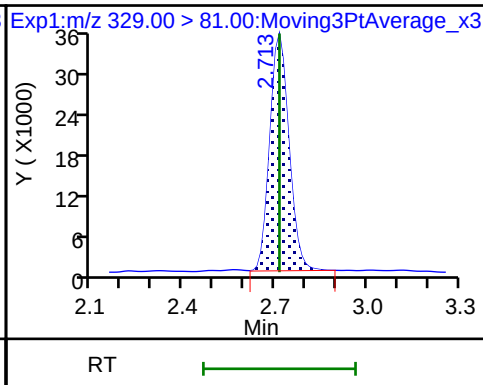
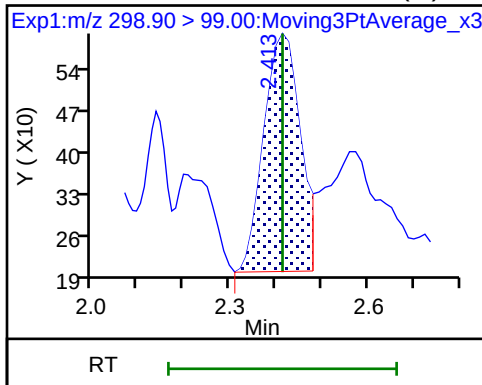
5 Perfluorobutanesulfonic acid (M)



5 Perfluorobutanesulfonic acid (M)

D 60 M2-4:2 FTS

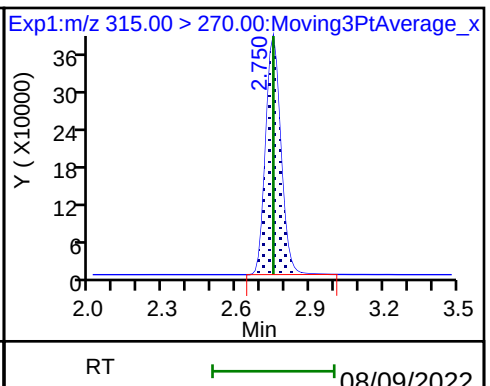
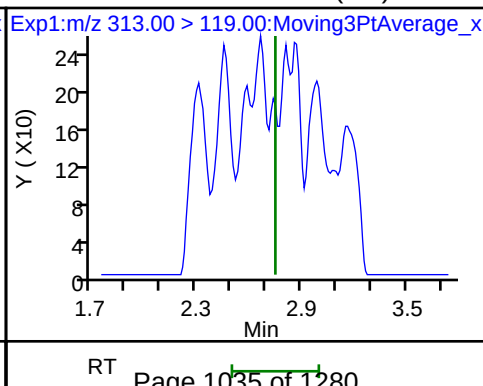
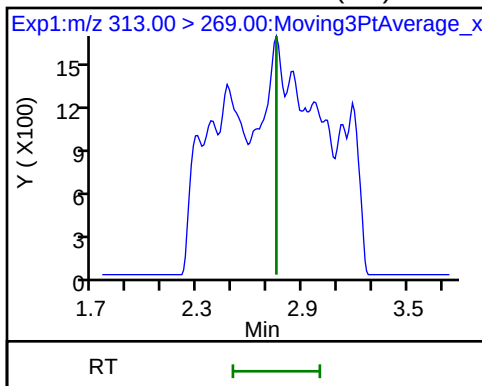
61 1H,1H,2H,2H-perfluorohexanesulfo (ND)



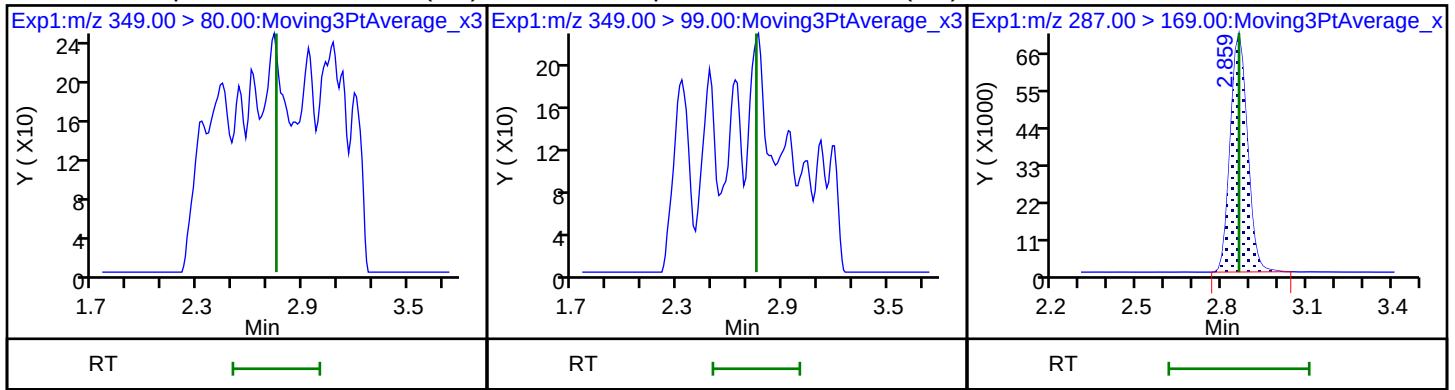
6 Perfluorohexanoic acid (ND)

6 Perfluorohexanoic acid (ND)

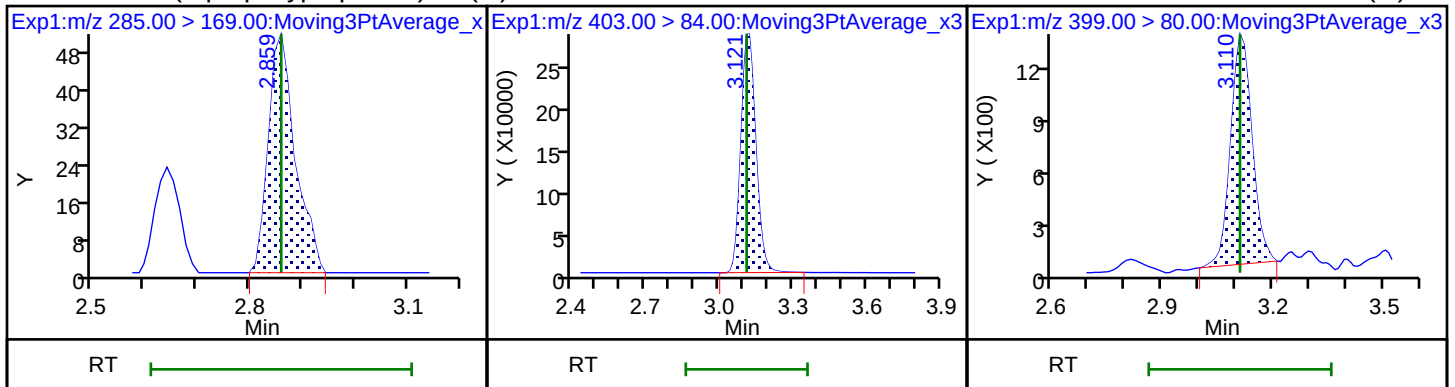
D 7 13C2 PFHxA



70 Perfluoropentanesulfonic acid (ND) 70 Perfluoropentanesulfonic acid (ND) D 64 13C3 HFPO-DA



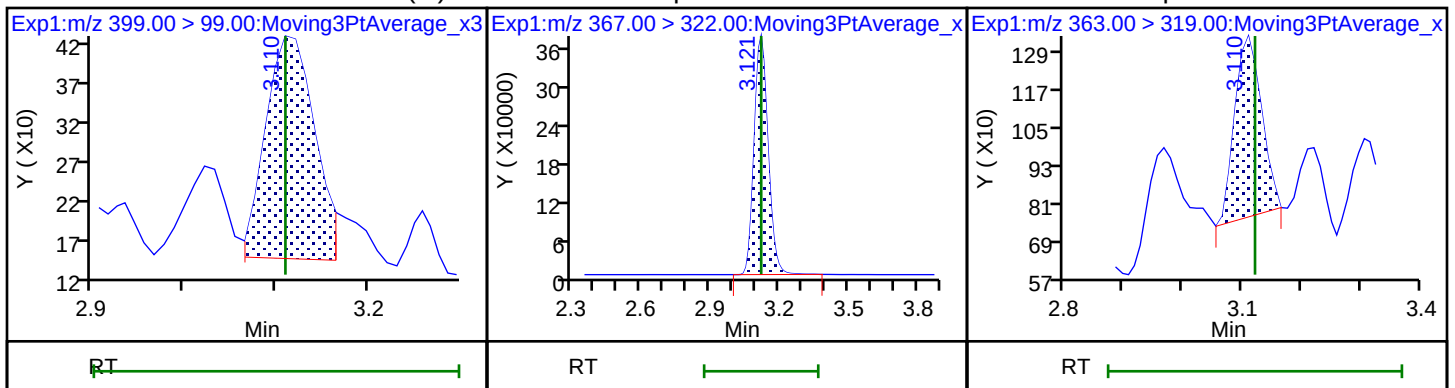
67 Perfluoro(2-propoxypropanoic) ac (M) 11 18O2 PFHxS



8 Perfluorohexanesulfonic acid (M)

D 9 13C4 PFHpA

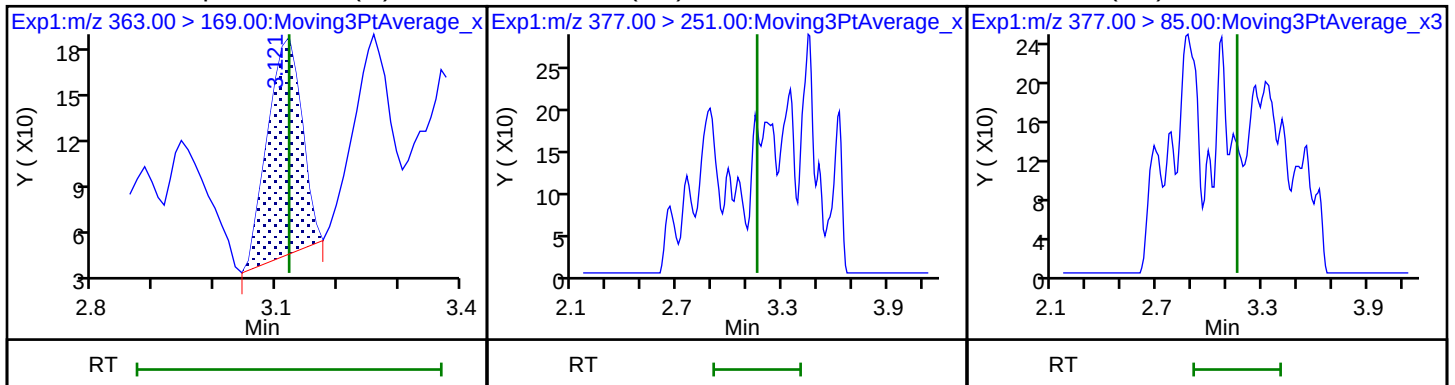
10 Perfluoroheptanoic acid



10 Perfluoroheptanoic acid (M)

77 DONA (ND)

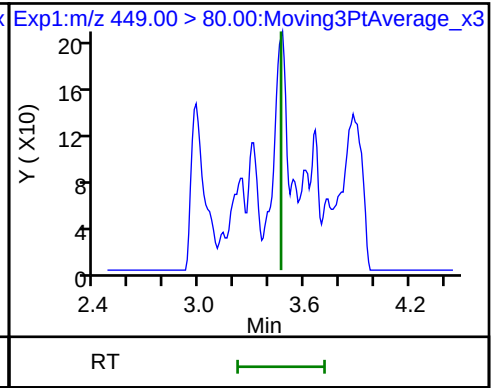
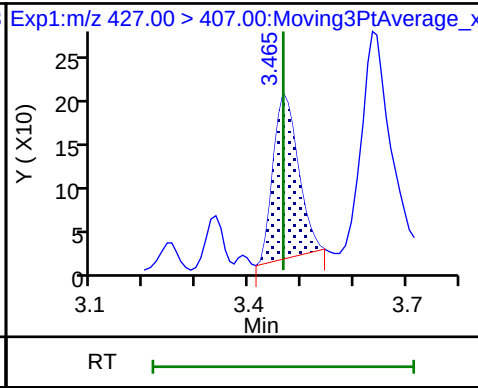
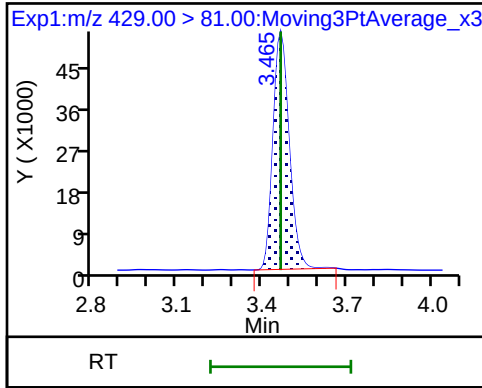
77 DONA (ND)



D 12 M2-6:2 FTS

13 1H,1H,2H,2H-perfluorooctanesulfo

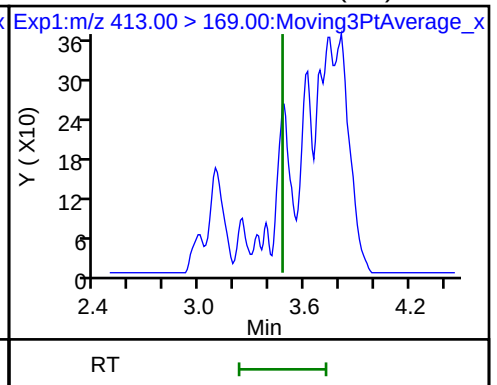
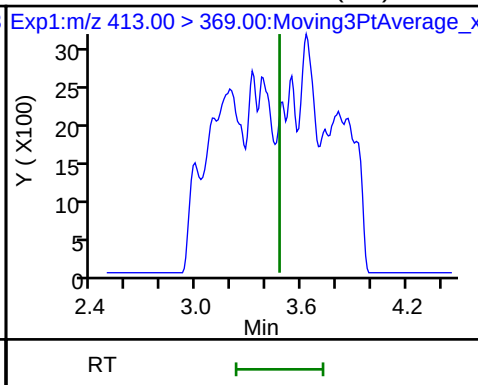
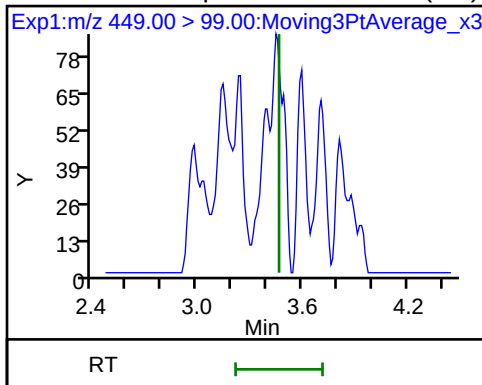
16 Perfluoroheptanesulfonic acid (ND)



16 Perfluoroheptanesulfonic acid (ND)

15 Perfluorooctanoic acid (ND)

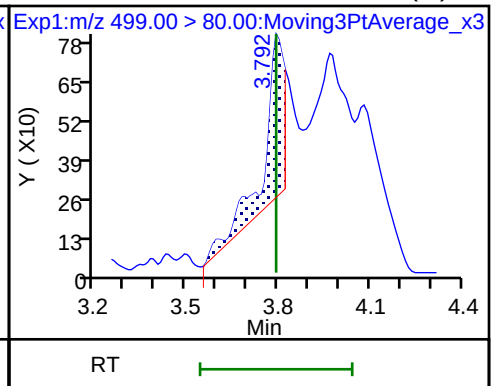
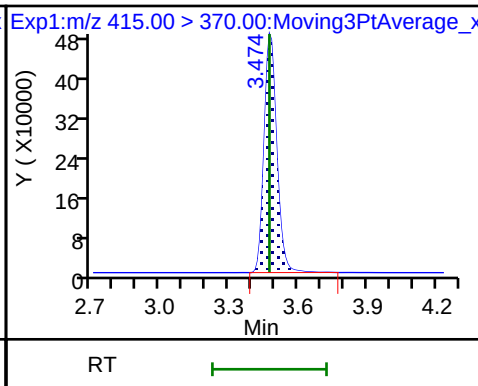
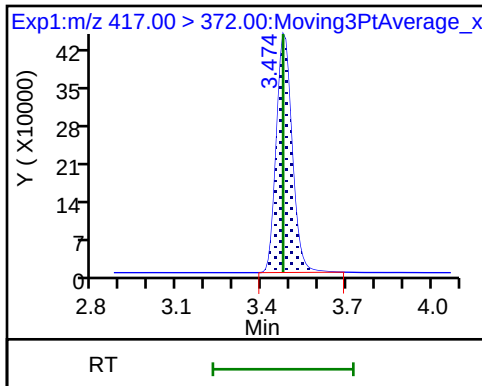
15 Perfluorooctanoic acid (ND)



D 14 13C4 PFOA

* 62 13C2 PFOA

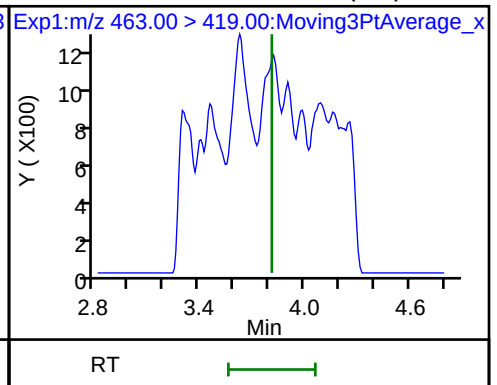
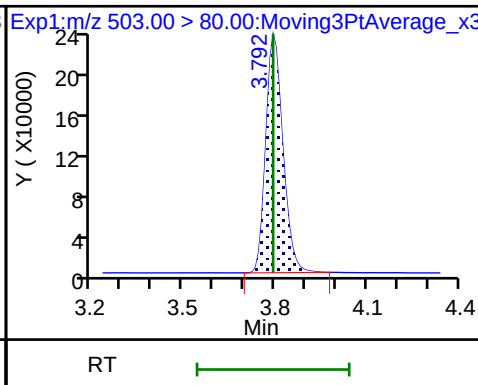
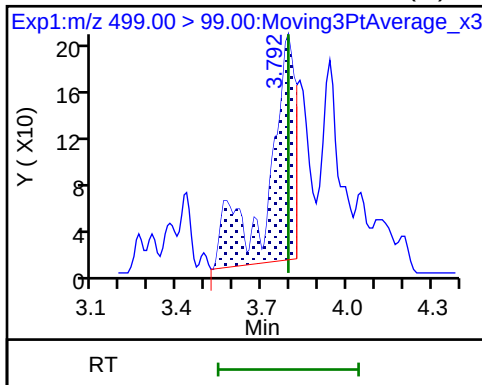
17 Perfluorooctanesulfonic acid (M)

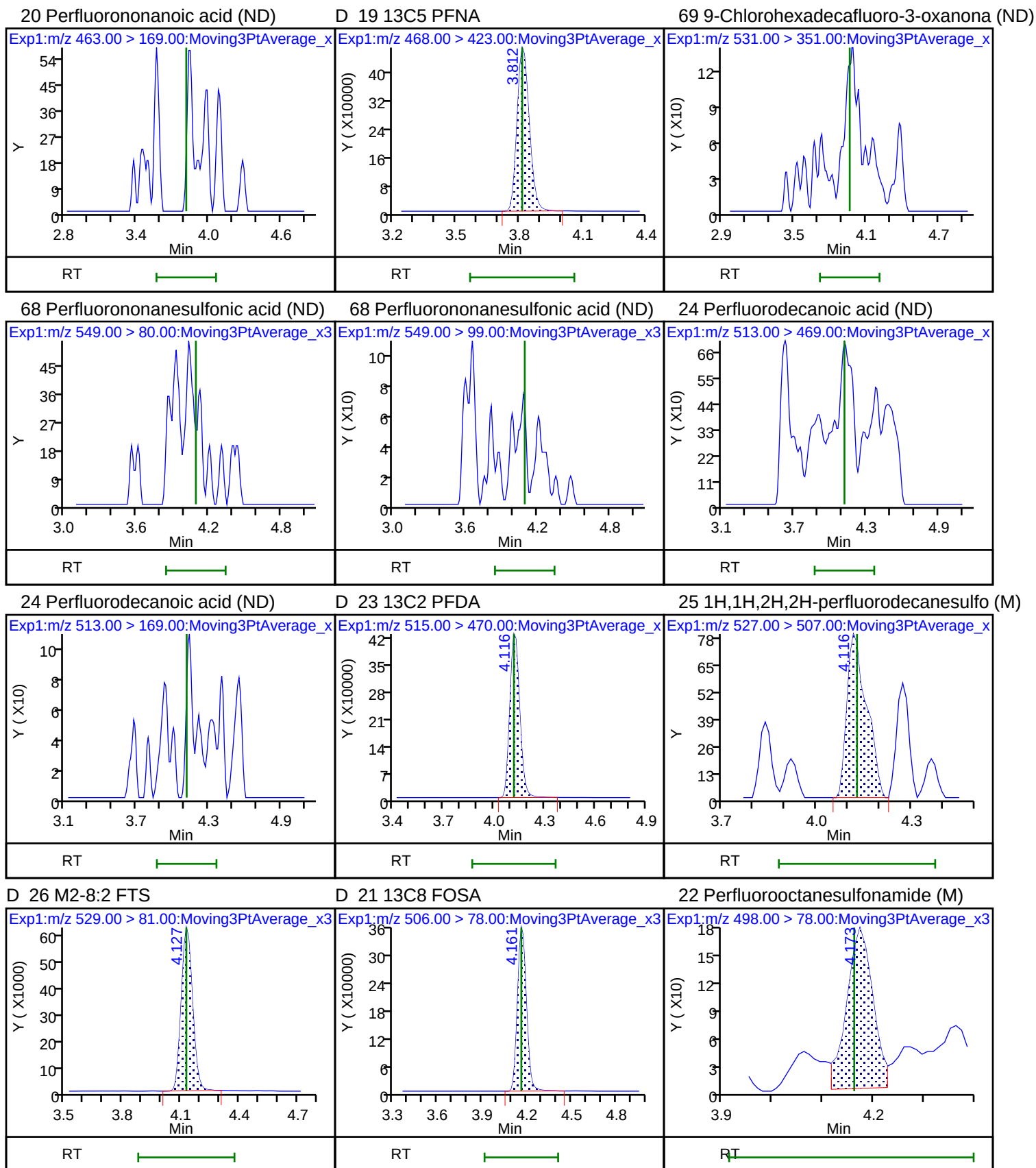


17 Perfluorooctanesulfonic acid (M)

D 18 13C4 PFOS

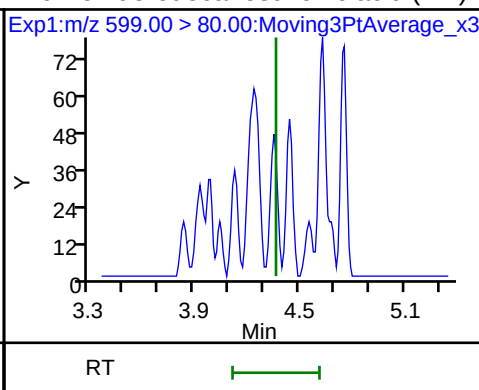
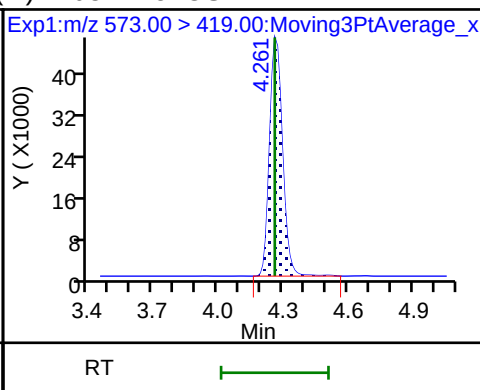
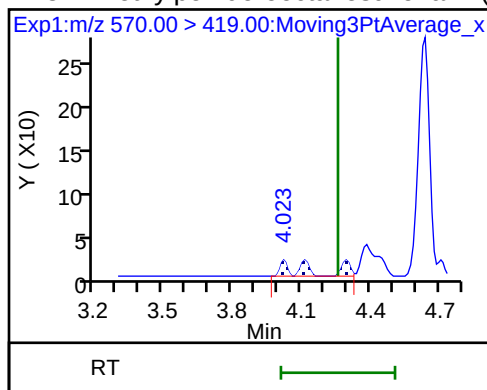
20 Perfluorononanoic acid (ND)





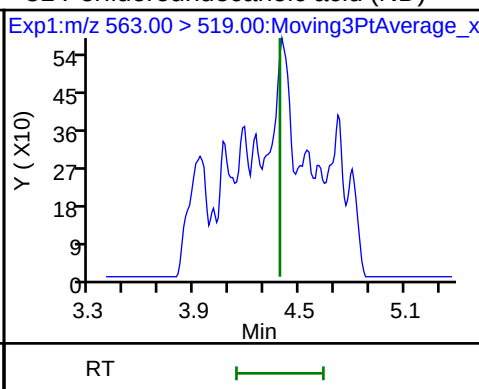
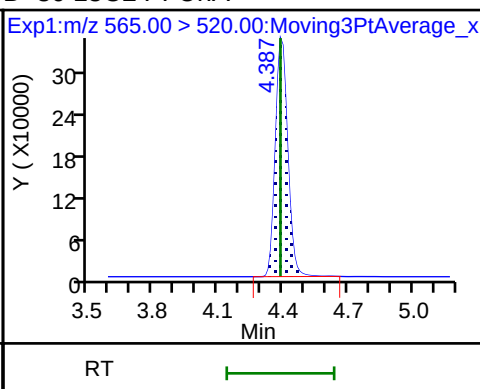
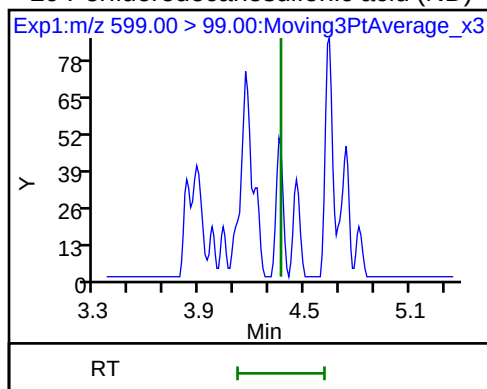
28 N-methylperfluorooctanesulfonami (M) 27 d3-NMeFOSAA

29 Perfluorodecanesulfonic acid (ND)



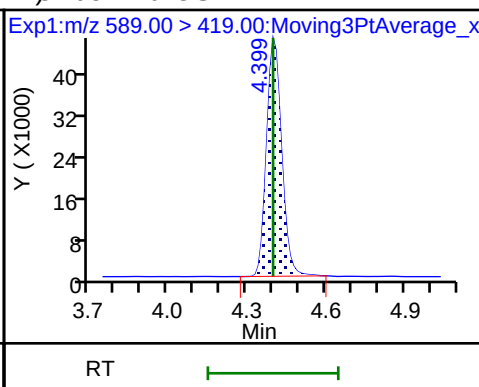
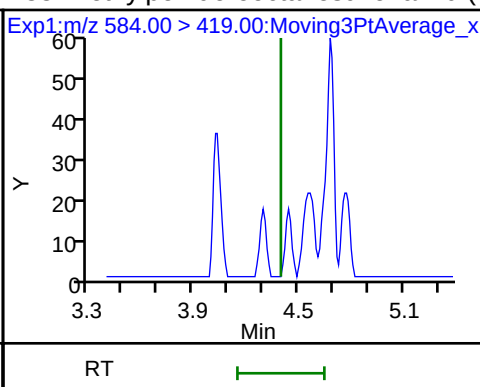
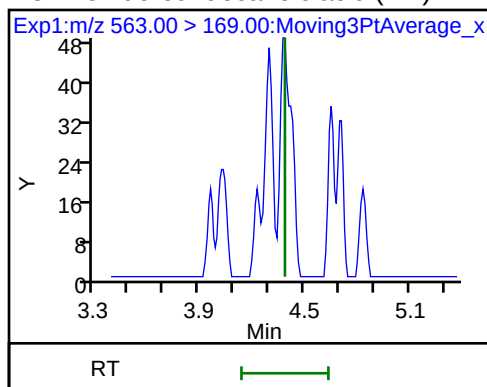
29 Perfluorodecanesulfonic acid (ND) D 30 13C2 PFUnA

31 Perfluoroundecanoic acid (ND)



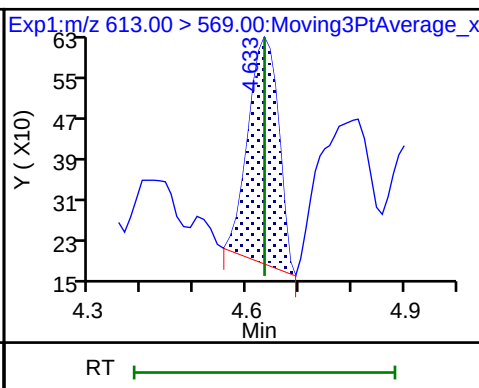
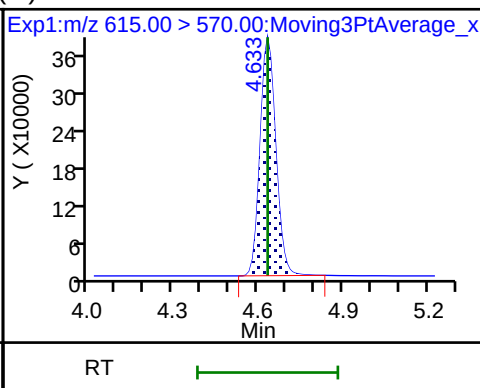
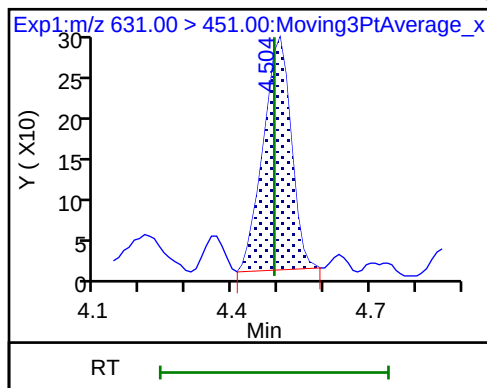
31 Perfluoroundecanoic acid (ND)

33 N-ethylperfluorooctanesulfonamid (ND) 32 d5-NEtFOSAA



66 11-Chloroeicosafluoro-3-oxaundec (M) 36 13C2 PFDaA

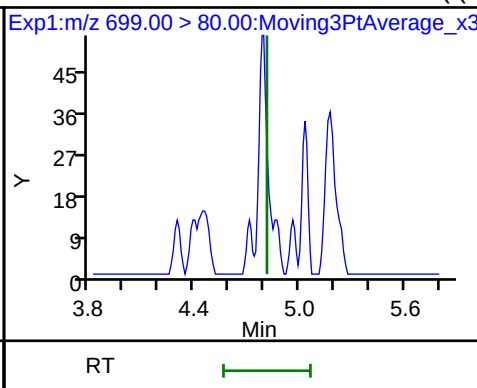
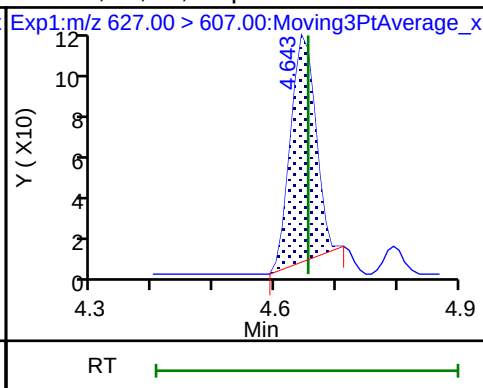
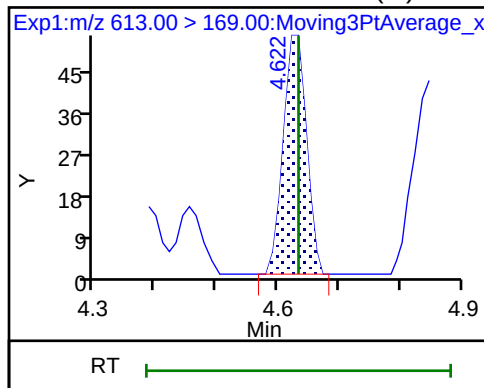
37 Perfluorododecanoic acid



37 Perfluorododecanoic acid (M)

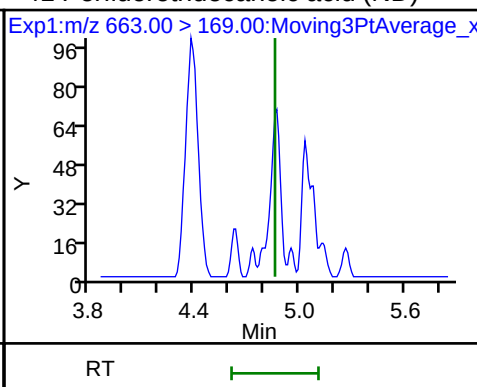
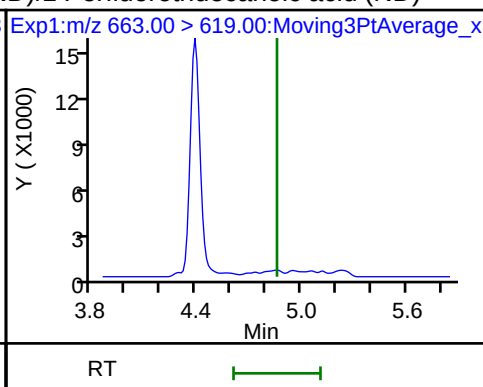
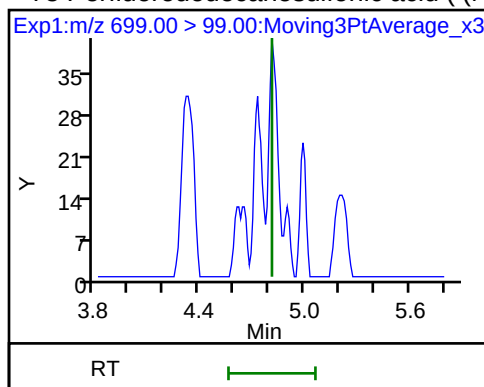
74 1H,1H,2H,2H-perfluorododecanesul

75 Perfluorododecanesulfonic acid ((ND)



75 Perfluorododecanesulfonic acid ((ND)41 Perfluorotridecanoic acid (ND)

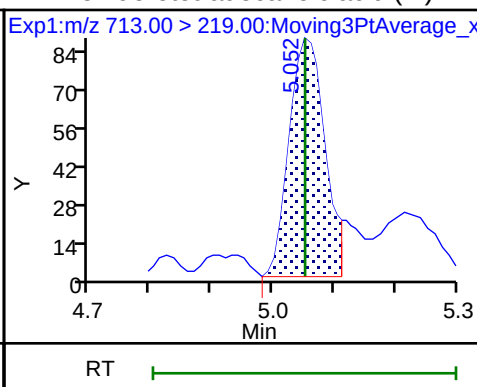
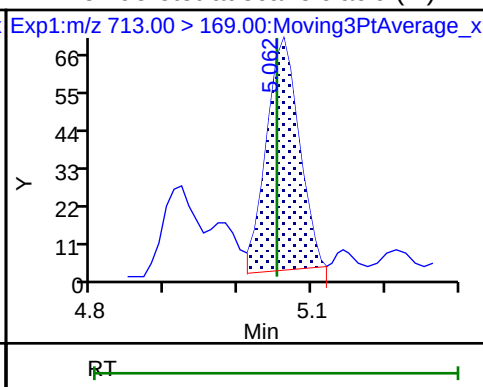
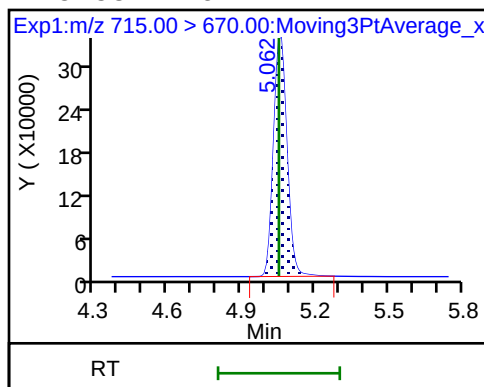
41 Perfluorotridecanoic acid (ND)



D 43 13C2 PFTeDA

42 Perfluorotetradecanoic acid (M)

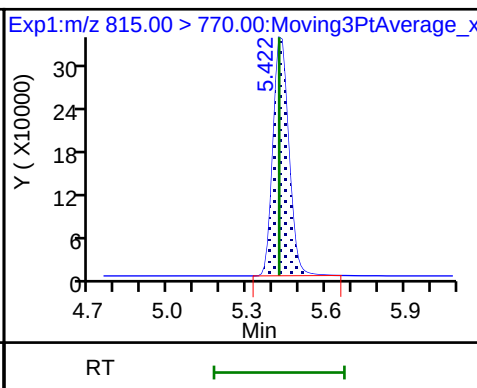
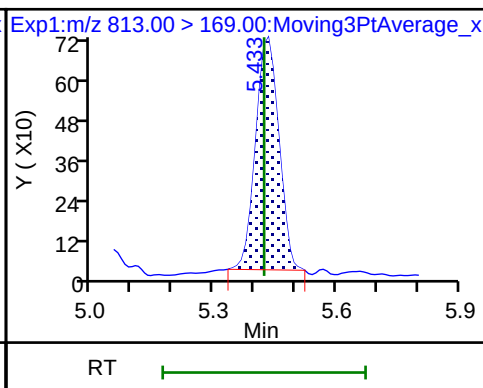
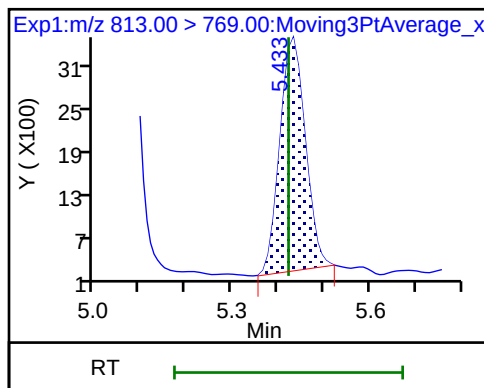
42 Perfluorotetradecanoic acid (M)



45 Perfluorohexadecanoic acid

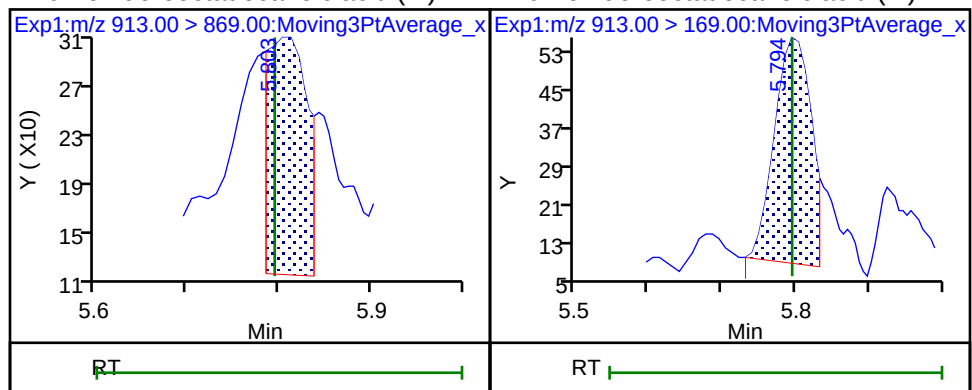
45 Perfluorohexadecanoic acid

D 44 13C2 PFHxDA



46 Perfluorooctadecanoic acid (M)

46 Perfluorooctadecanoic acid (M)



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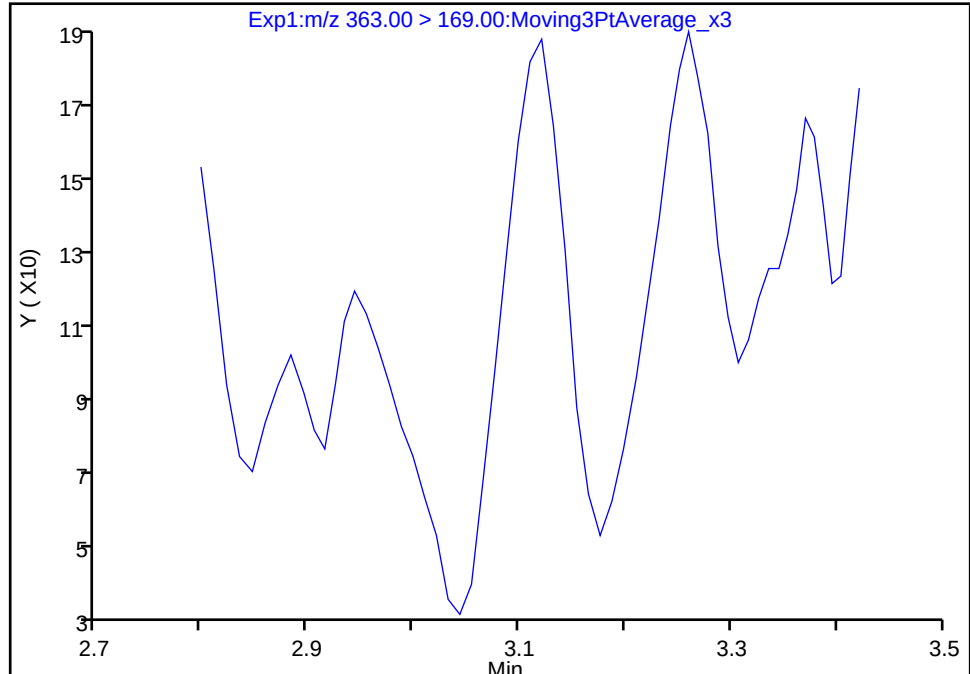
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A04.d
Injection Date: 04-Aug-2022 11:01:08 Instrument ID: LC812
Lims ID: CCB
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 4
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

10 Perfluoroheptanoic acid, CAS: 375-85-9

Signal: 2

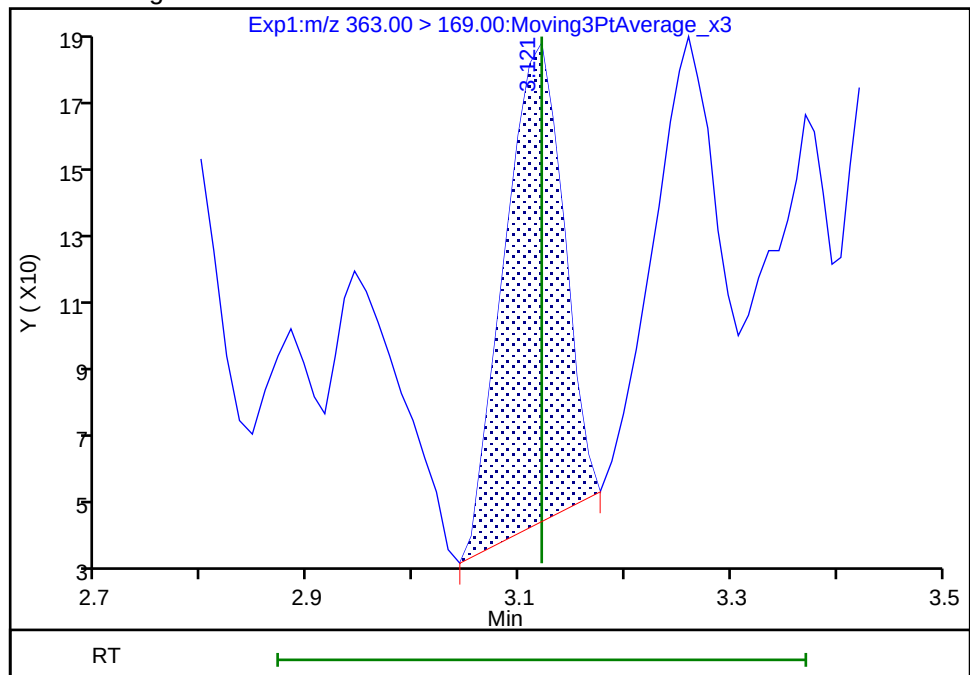
Not Detected
Expected RT: 3.12

Processing Integration Results



RT: 3.12
Area: 550
Amount: 0.001405
Amount Units: ng/ml

Manual Integration Results



Reviewer: SJ4N, 04-Aug-2022 16:46:03
Audit Action: Manually Integrated

Audit Reason: Missed Peak

Eurofins Burlington

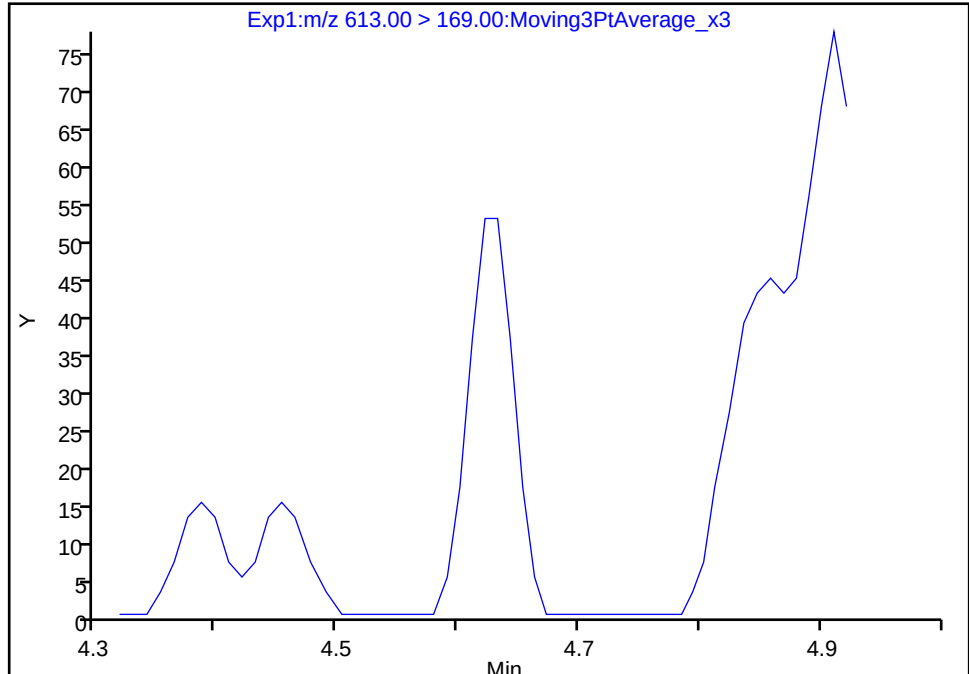
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A04.d
Injection Date: 04-Aug-2022 11:01:08 Instrument ID: LC812
Lims ID: CCB
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 4
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

37 Perfluorododecanoic acid, CAS: 307-55-1

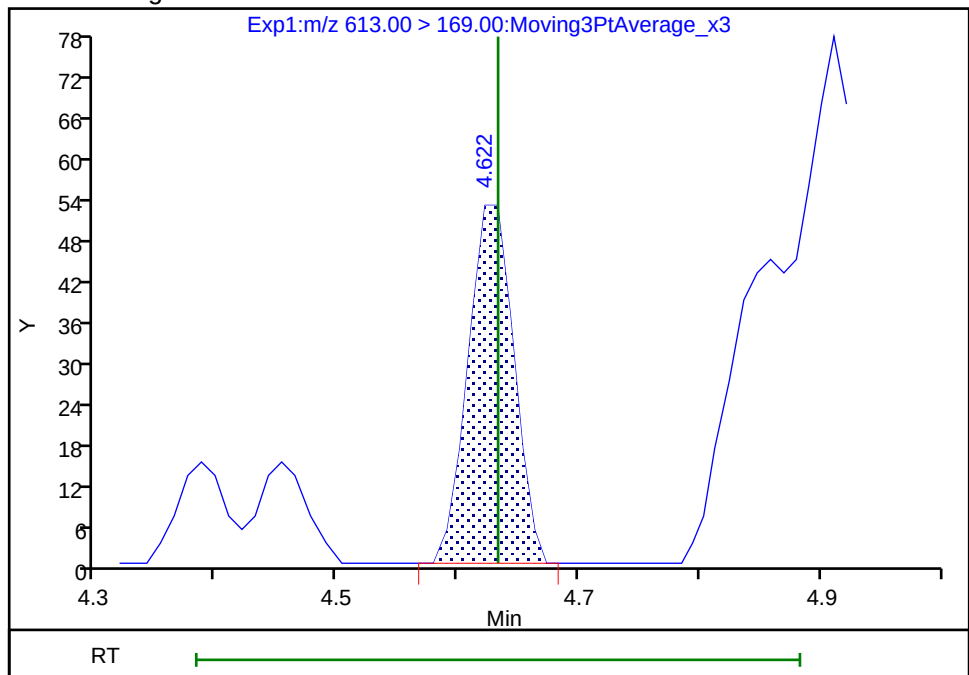
Signal: 2

Not Detected
Expected RT: 4.63

Processing Integration Results



Manual Integration Results



RT: 4.62
Area: 139
Amount: 0.001516
Amount Units: ng/ml

Reviewer: SJ4N, 04-Aug-2022 16:48:45
Audit Action: Manually Integrated

Audit Reason: Missed Peak
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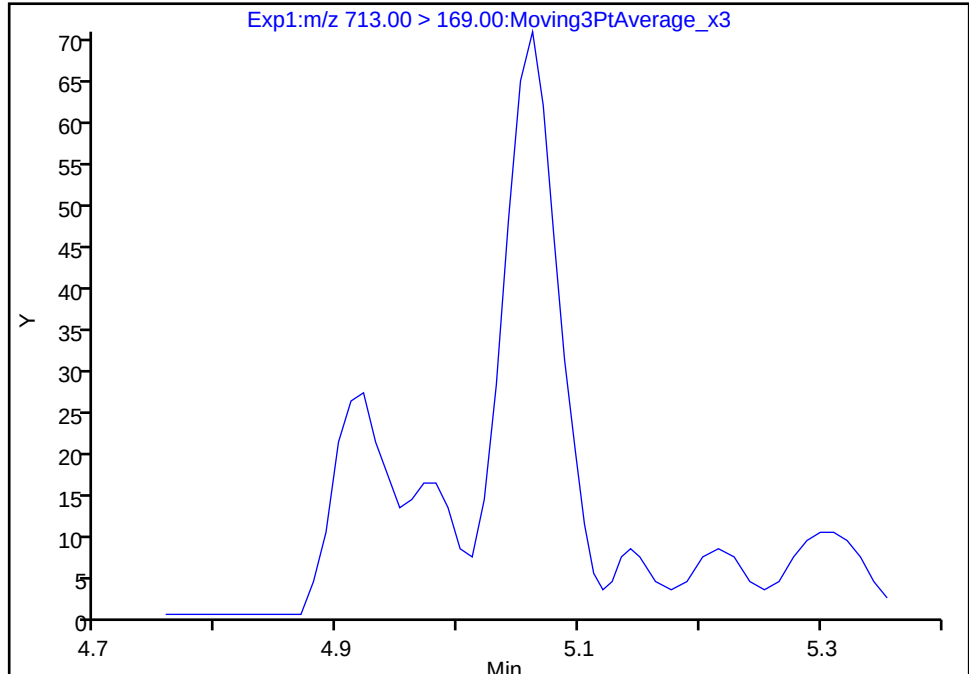
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Injection Date: 04-Aug-2022 11:01:08 Instrument ID: LC812
Lims ID: CCB
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 4
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

42 Perfluorotetradecanoic acid, CAS: 376-06-7

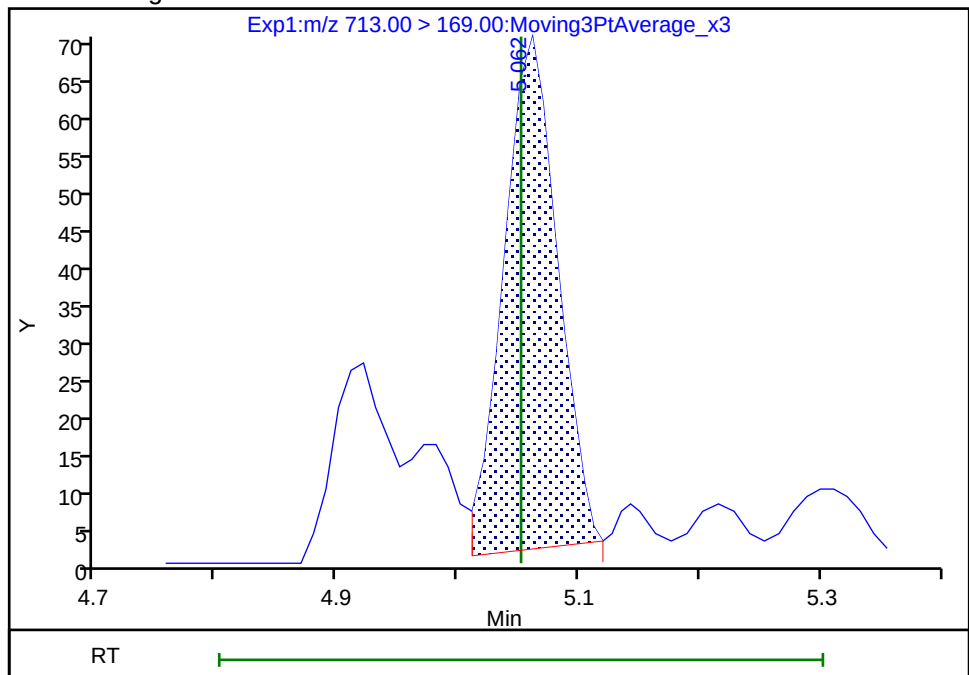
Signal: 1

Not Detected
Expected RT: 5.05

Processing Integration Results



Manual Integration Results



RT: 5.06
Area: 213
Amount: 0.001305
Amount Units: ng/ml

Reviewer: SJ4N, 04-Aug-2022 16:49:09
Audit Action: Manually Integrated

Audit Reason: Missed Peak
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Eurofins Burlington

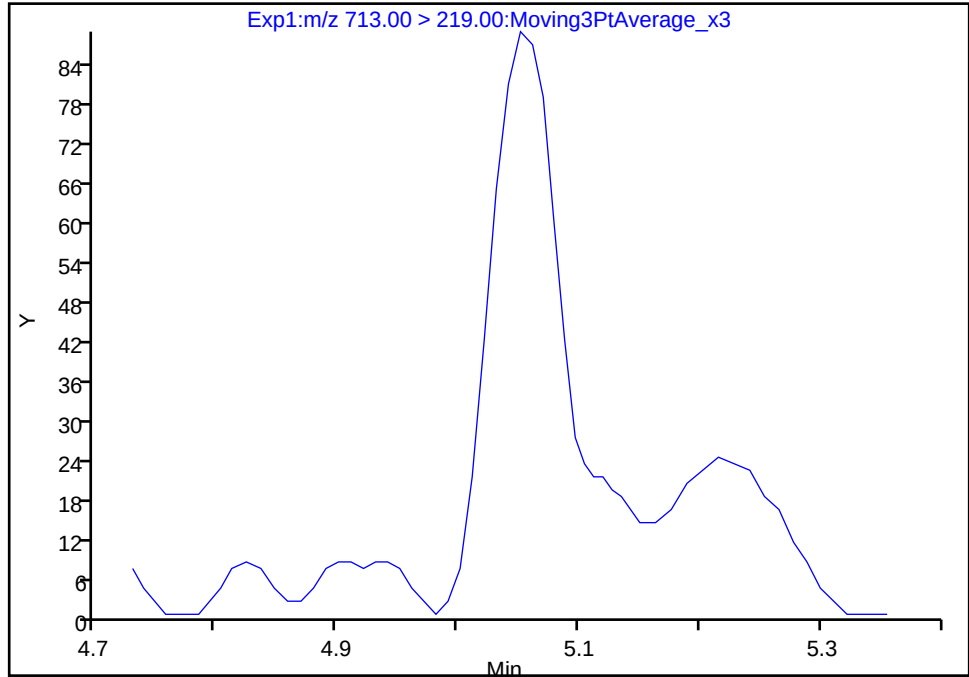
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Injection Date: 04-Aug-2022 11:01:08 Instrument ID: LC812
Lims ID: CCB
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 4
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

42 Perfluorotetradecanoic acid, CAS: 376-06-7

Signal: 2

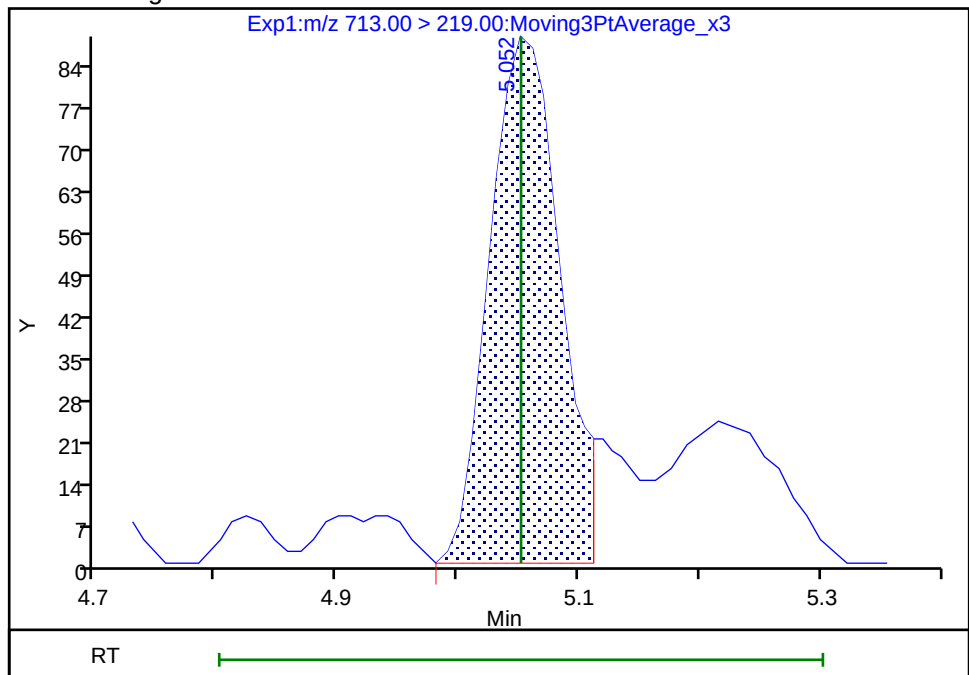
Not Detected
Expected RT: 5.05

Processing Integration Results



Manual Integration Results

RT: 5.05
Area: 358
Amount: 0.001305
Amount Units: ng/ml



Reviewer: SJ4N, 04-Aug-2022 16:49:12

Audit Action: Manually Integrated

Audit Reason: Missed Peak

Eurofins Burlington

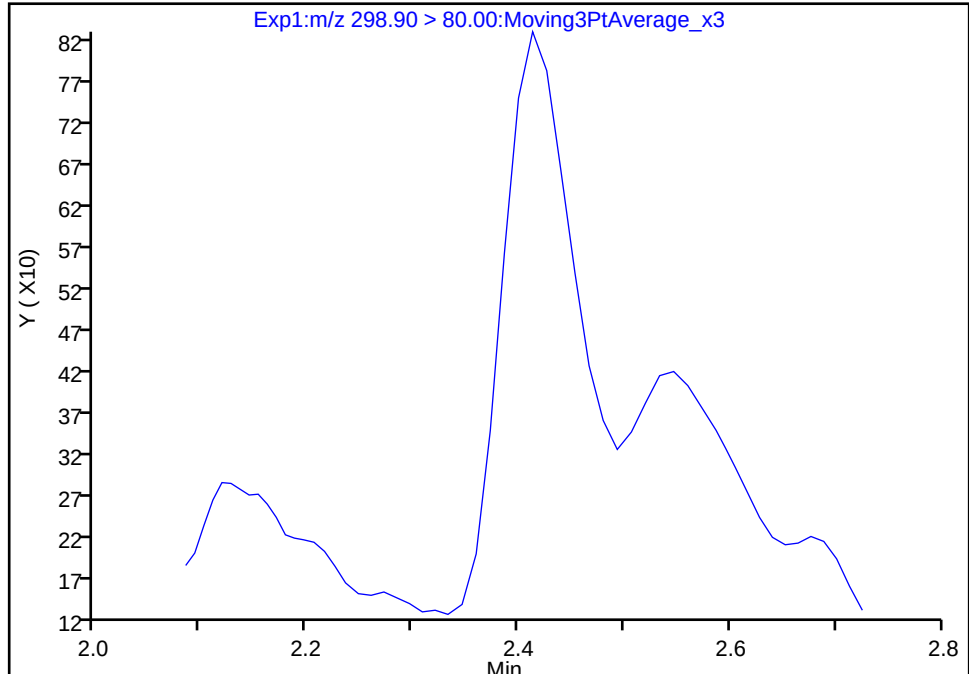
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Injection Date: 04-Aug-2022 11:01:08 Instrument ID: LC812
Lims ID: CCB
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 4
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

5 Perfluorobutanesulfonic acid, CAS: 375-73-5

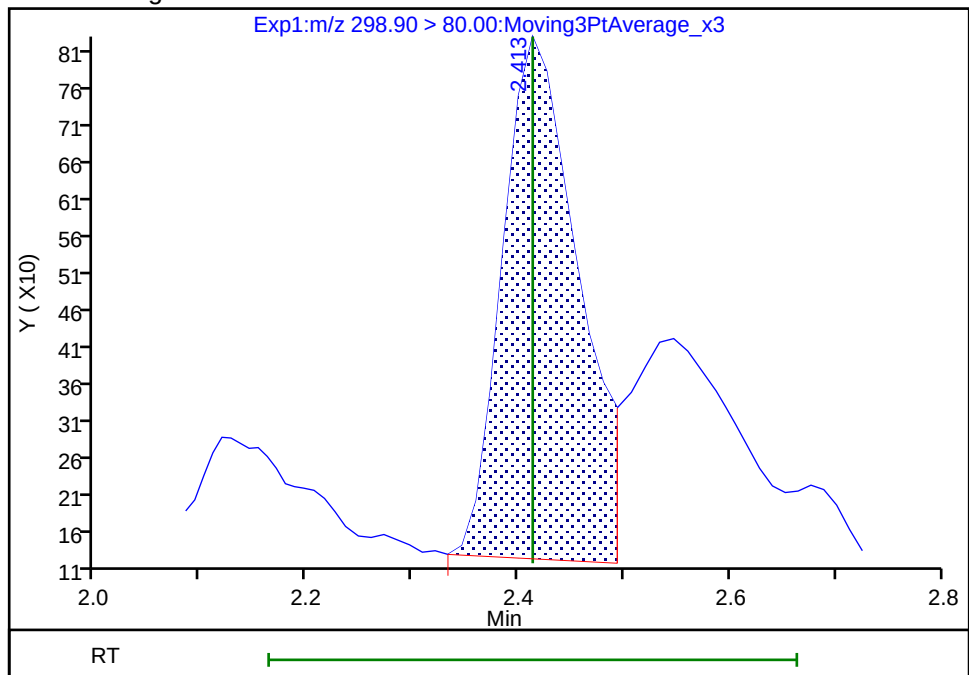
Signal: 1

Not Detected
Expected RT: 2.41

Processing Integration Results



Manual Integration Results



Reviewer: SJ4N, 04-Aug-2022 16:45:21
Audit Action: Manually Integrated

Audit Reason: Missed Peak

Eurofins Burlington

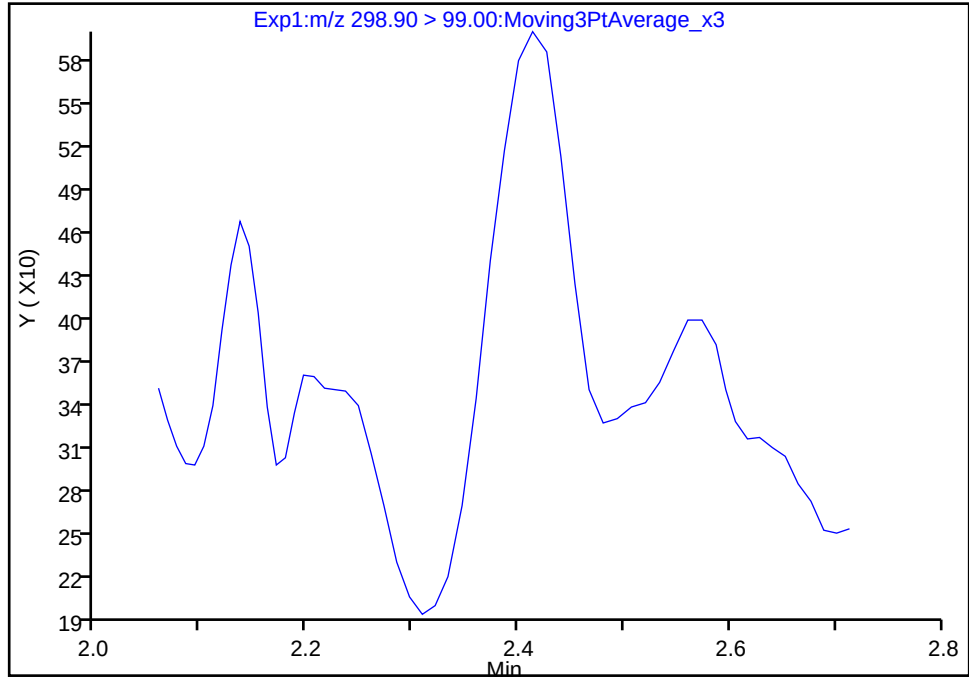
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Injection Date: 04-Aug-2022 11:01:08 Instrument ID: LC812
Lims ID: CCB
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 4
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

5 Perfluorobutanesulfonic acid, CAS: 375-73-5

Signal: 2

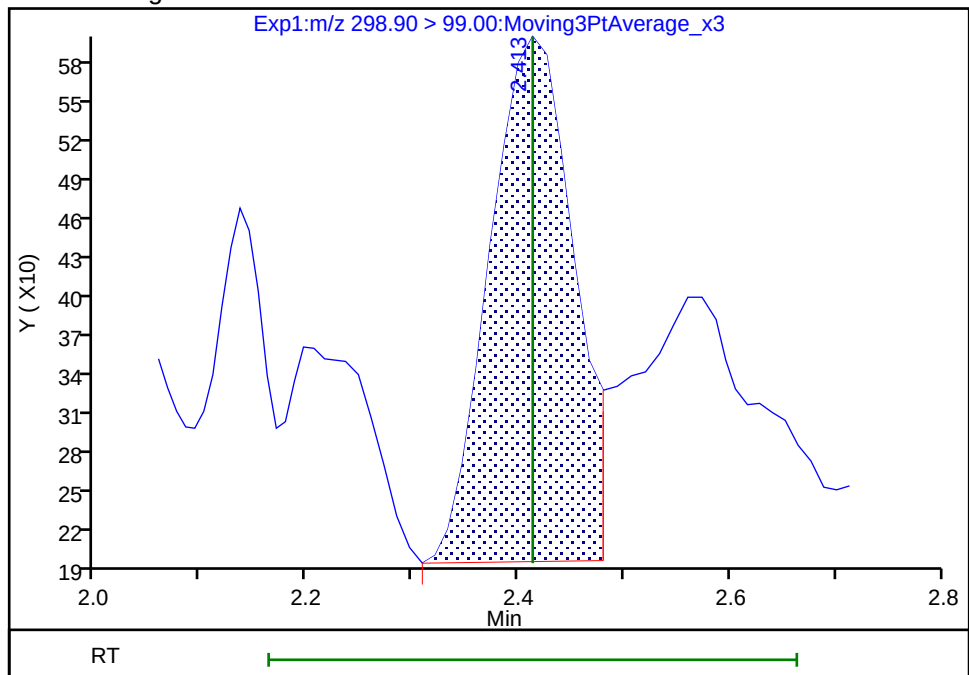
Not Detected
Expected RT: 2.41

Processing Integration Results



Manual Integration Results

RT: 2.41
Area: 2197
Amount: 0.002190
Amount Units: ng/ml



Reviewer: SJ4N, 04-Aug-2022 16:45:24

Audit Action: Manually Integrated

Audit Reason: Missed Peak

Eurofins Burlington

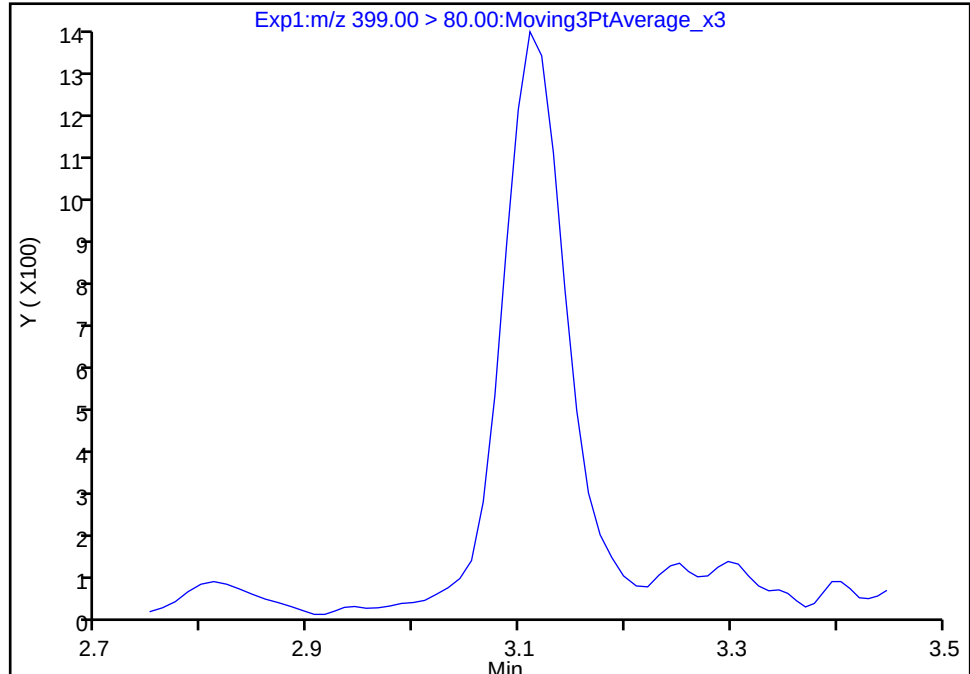
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A04.d
Injection Date: 04-Aug-2022 11:01:08 Instrument ID: LC812
Lims ID: CCB
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 4
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 1

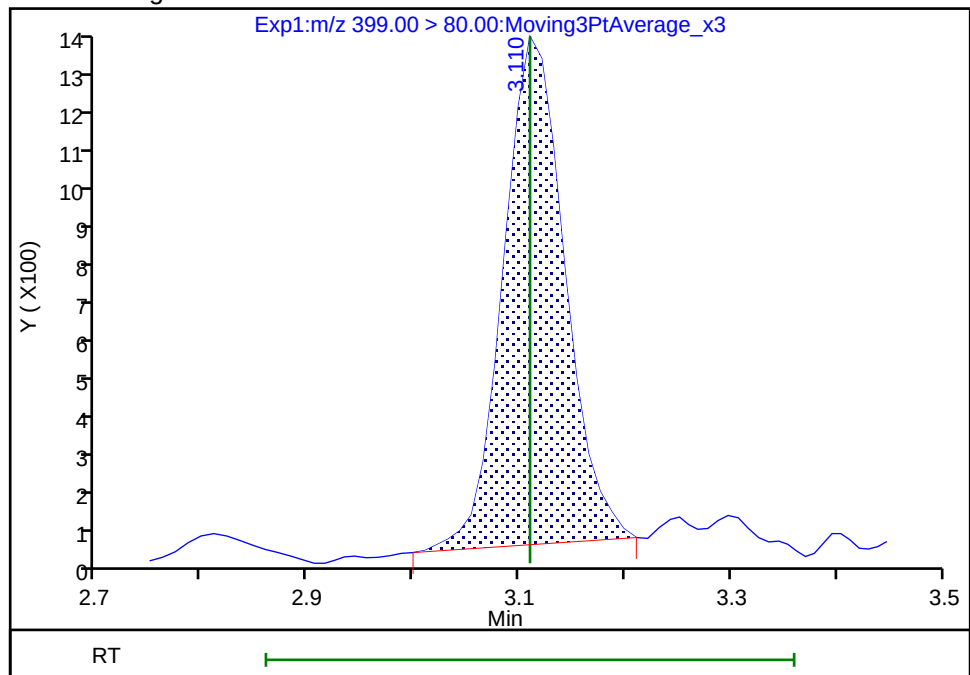
Not Detected
Expected RT: 3.11

Processing Integration Results



Manual Integration Results

RT: 3.11
Area: 5200
Amount: 0.004656
Amount Units: ng/ml



Reviewer: SJ4N, 04-Aug-2022 16:45:43

Audit Action: Manually Integrated

Audit Reason: Missed Peak

Eurofins Burlington

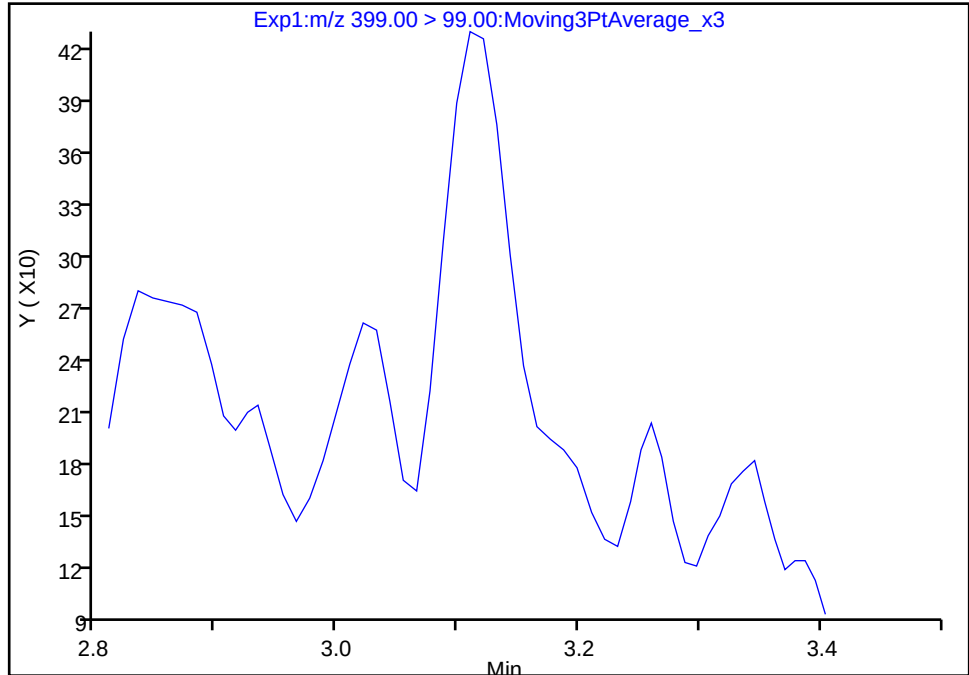
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A04.d
Injection Date: 04-Aug-2022 11:01:08 Instrument ID: LC812
Lims ID: CCB
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 4
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 2

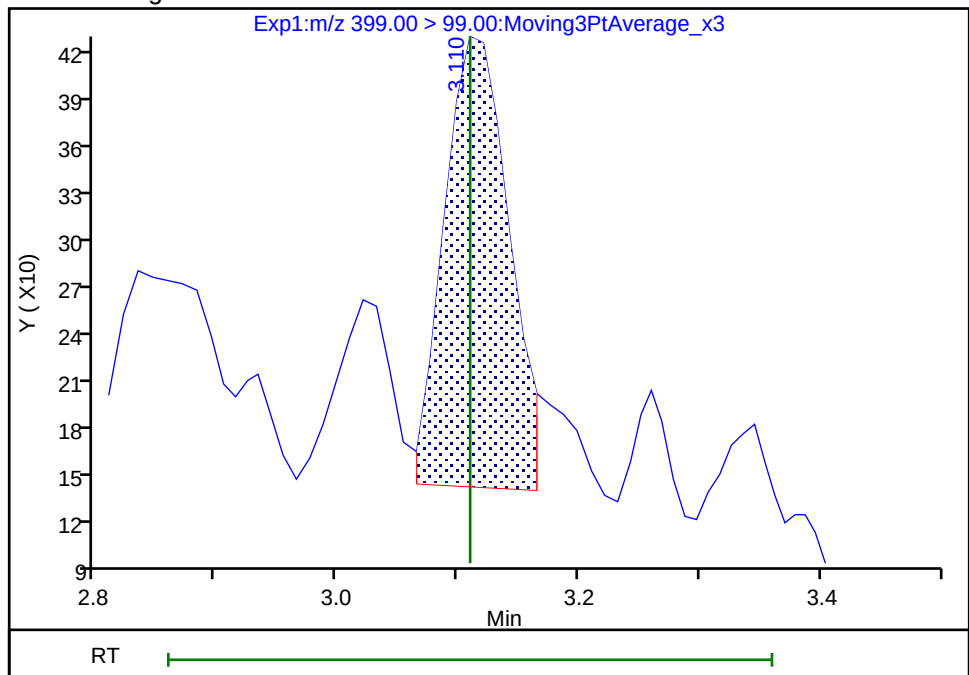
Not Detected
Expected RT: 3.11

Processing Integration Results



Manual Integration Results

RT: 3.11
Area: 1026
Amount: 0.004656
Amount Units: ng/ml



Reviewer: SJ4N, 04-Aug-2022 16:45:55

Audit Action: Manually Integrated

Audit Reason: Missed Peak

Eurofins Burlington

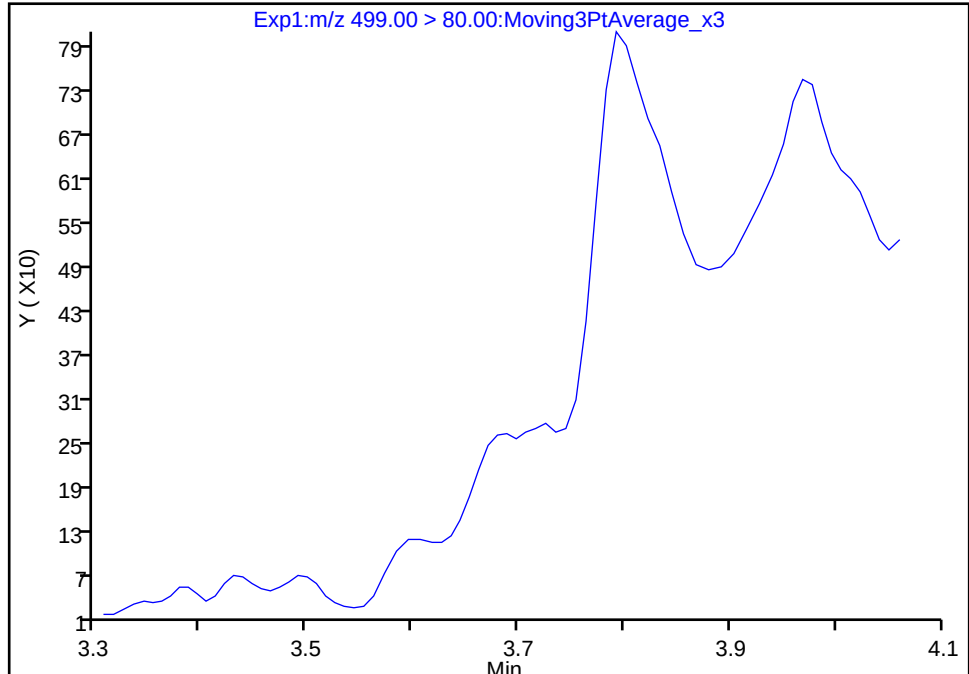
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A04.d
Injection Date: 04-Aug-2022 11:01:08 Instrument ID: LC812
Lims ID: CCB
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 4
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 1

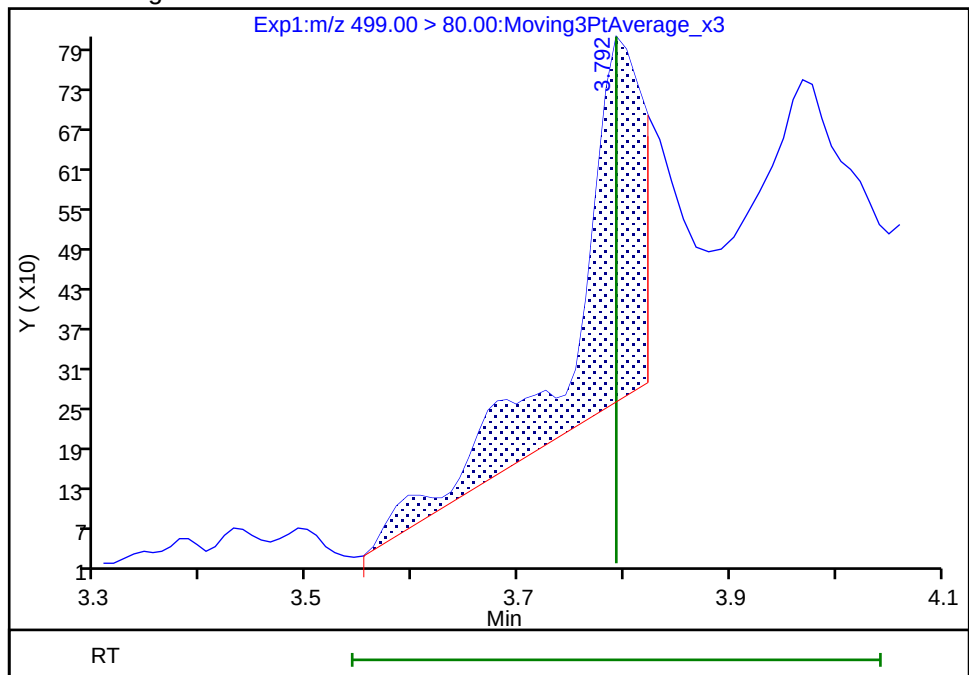
Not Detected
Expected RT: 3.79

Processing Integration Results



Manual Integration Results

RT: 3.79
Area: 2311
Amount: -0.015430
Amount Units: ng/ml



Reviewer: SJ4N, 04-Aug-2022 16:46:36
Audit Action: Manually Integrated

Audit Reason: Missed Peak
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Eurofins Burlington

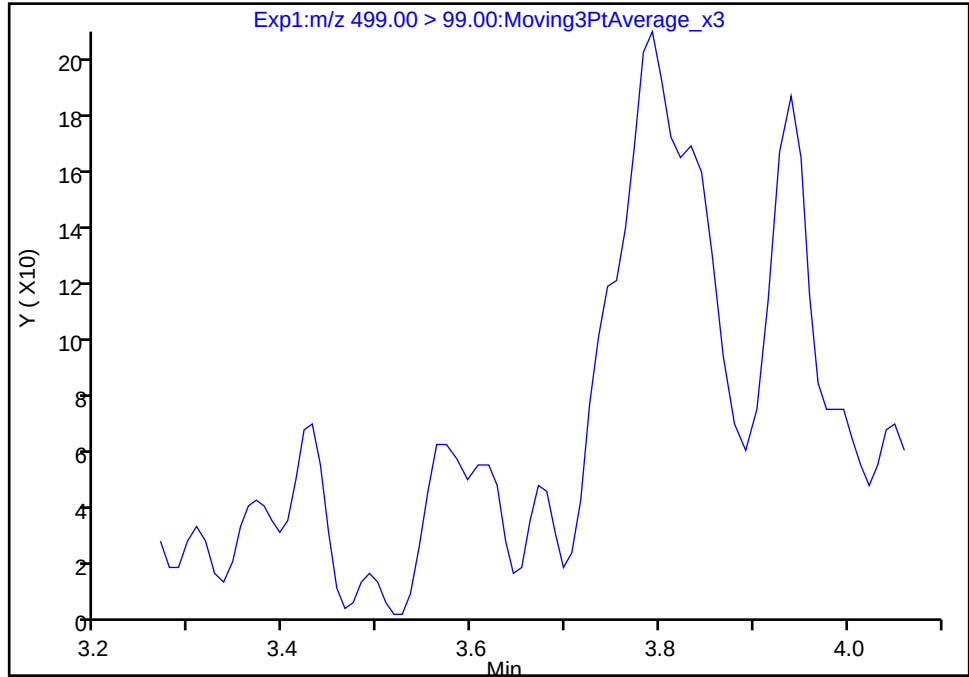
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A04.d
Injection Date: 04-Aug-2022 11:01:08 Instrument ID: LC812
Lims ID: CCB
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 4
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 2

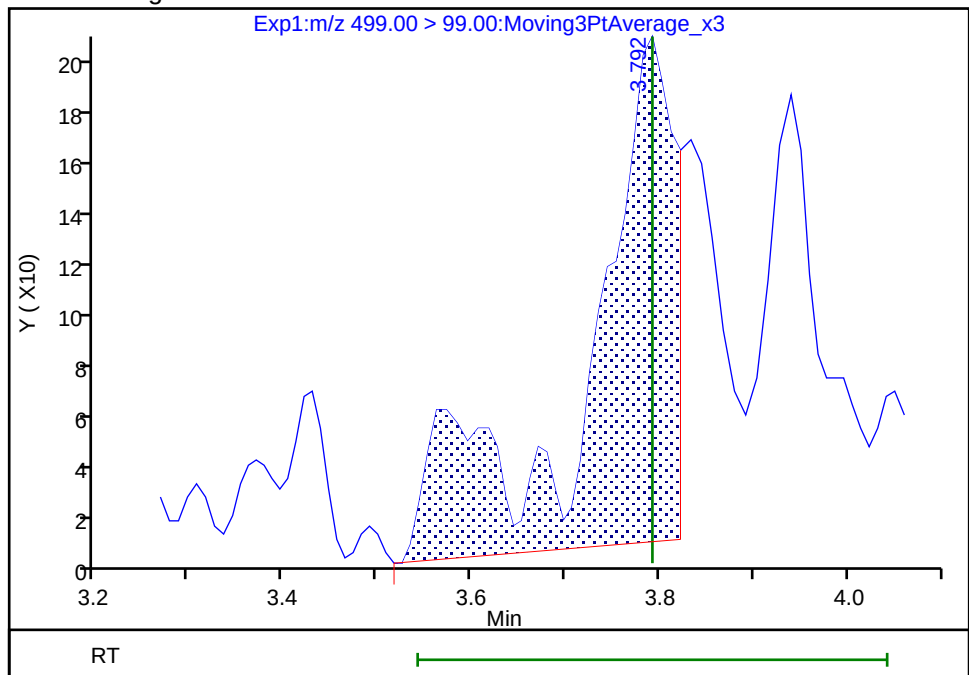
Not Detected
Expected RT: 3.79

Processing Integration Results



Manual Integration Results

RT: 3.79
Area: 1208
Amount: -0.015430
Amount Units: ng/ml



Reviewer: SJ4N, 04-Aug-2022 16:46:39

Audit Action: Manually Integrated

Audit Reason: Missed Peak

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Eurofins Burlington

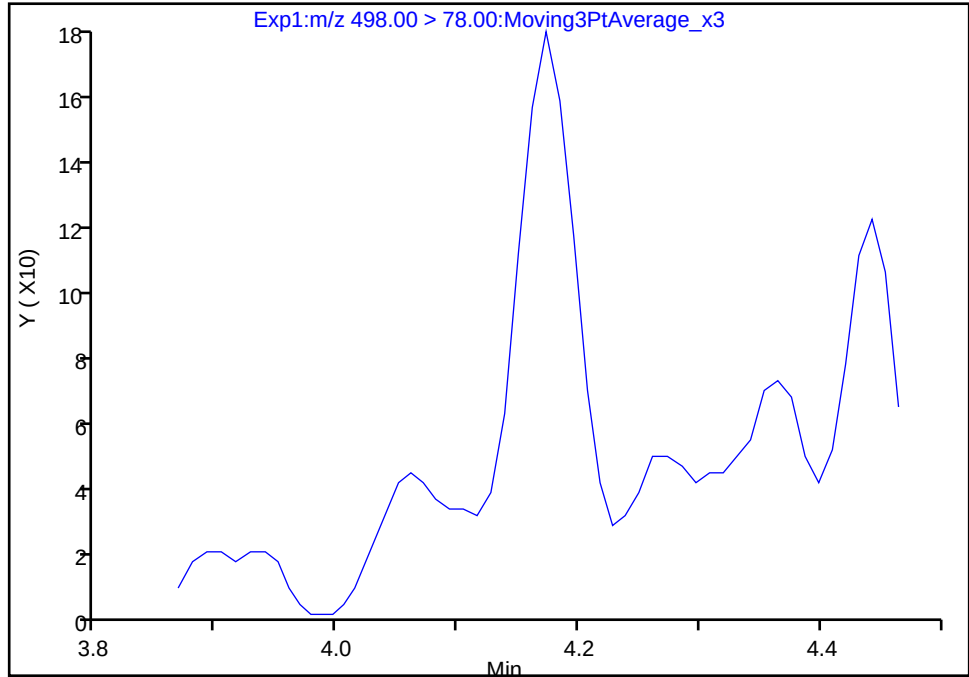
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A04.d
Injection Date: 04-Aug-2022 11:01:08 Instrument ID: LC812
Lims ID: CCB
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 4
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

22 Perfluorooctanesulfonamide, CAS: 754-91-6

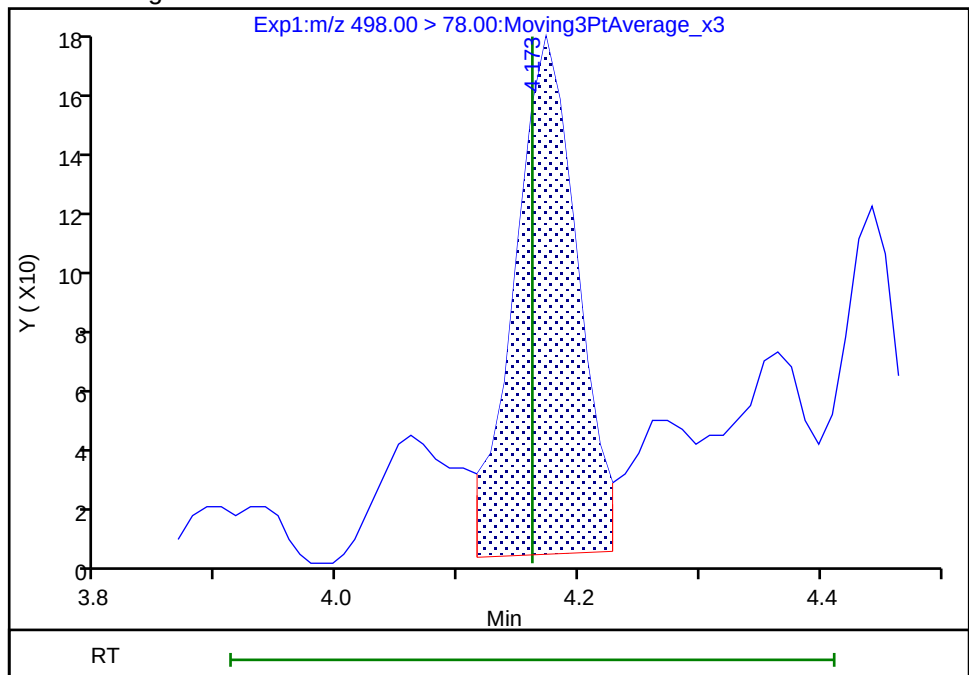
Signal: 1

Not Detected
Expected RT: 4.16

Processing Integration Results



Manual Integration Results



RT: 4.17
Area: 623
Amount: 0.000515
Amount Units: ng/ml

Reviewer: SJ4N, 04-Aug-2022 16:47:15
Audit Action: Manually Integrated

Audit Reason: Missed Peak
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Eurofins Burlington

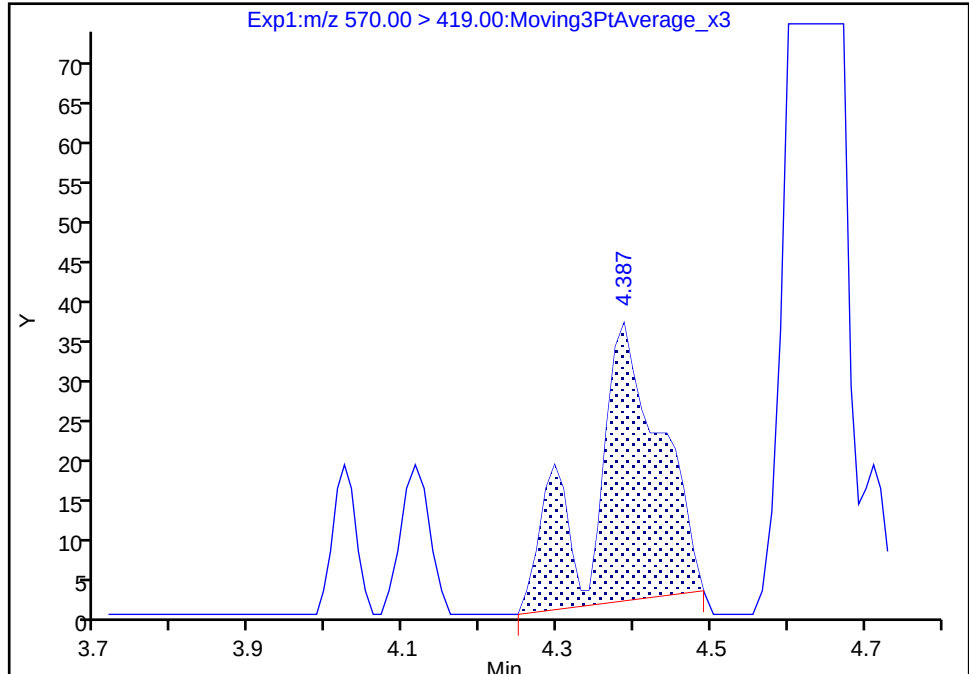
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A04.d
Injection Date: 04-Aug-2022 11:01:08 Instrument ID: LC812
Lims ID: CCB
Client ID:
Operator ID: lc812tech ALS Bottle#: 1 Worklist Smp#: 4
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

28 N-methylperfluorooctanesulfonami, CAS: 2355-31-9

Signal: 1

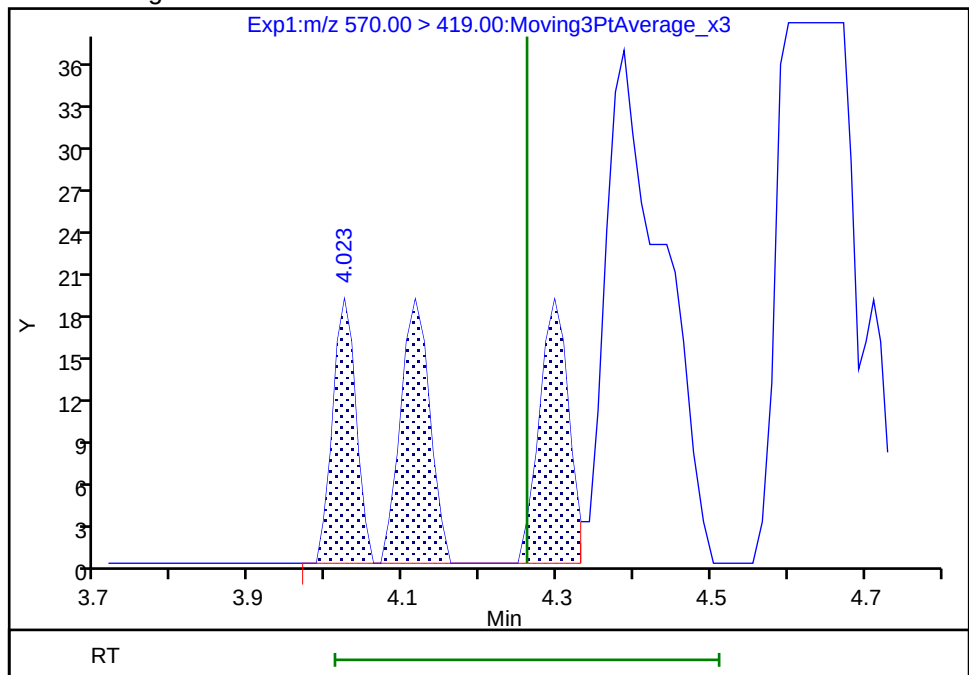
RT: 4.39
Area: 219
Amount: 0.001593
Amount Units: ng/ml

Processing Integration Results



RT: 4.02
Area: 139
Amount: 0.001011
Amount Units: ng/ml

Manual Integration Results



Reviewer: SJ4N, 04-Aug-2022 16:47:46
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
Page 1053 of 1280

08/09/2022

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51953.b\PA220804A04.d

Injection Date: 04-Aug-2022 11:01:08

Instrument ID: LC812

Lims ID: CCB

Client ID:

Operator ID: lc812tech

ALS Bottle#: 1

Worklist Smp#: 4

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector: EXP1

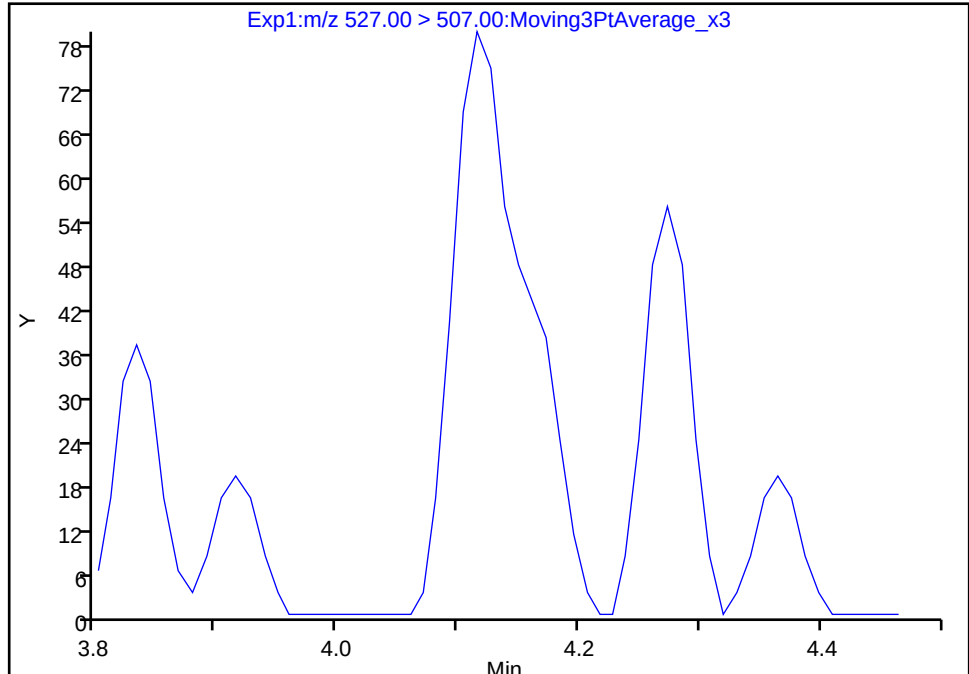
25 1H,1H,2H,2H-perfluorodecanesulfo, CAS: 39108-34-4

Signal: 1

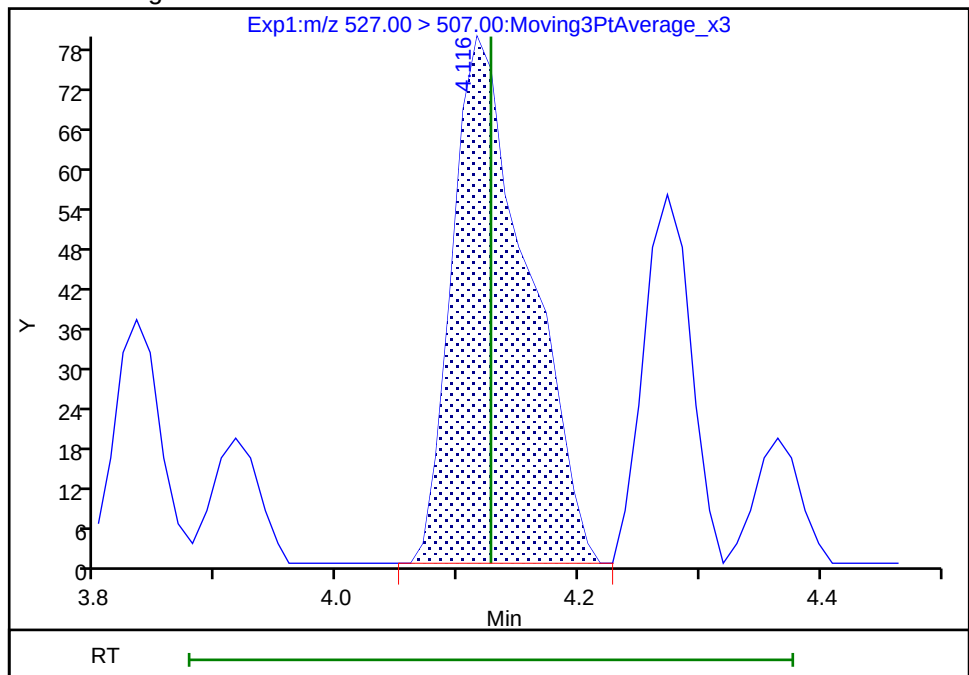
Not Detected

Expected RT: 4.13

Processing Integration Results



Manual Integration Results



RT: 4.12

Area: 346

Amount: 0.001710

Amount Units: ng/ml

Reviewer: SJ4N, 04-Aug-2022 16:46:59

Audit Action: Manually Integrated

Audit Reason: Missed Peak

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 460-262853-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: ICB 200-182319/11

Matrix: Solid Lab File ID: PA220803ICAL11.d

Analysis Method: 537 (modified) Date Collected: _____

Extraction Method: _____ Date Extracted: _____

Sample wt/vol: 1 (mL) Date Analyzed: 08/03/2022 13:49

Con. Extract Vol.: _____ Dilution Factor: 1

Injection Volume: 20 (uL) GC Column: C-18 ID: 4.6 (mm)

% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N

Cleanup Factor: _____

Analysis Batch No.: 182319 Units: ng/mL

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	0.13	U	0.13	0.030
2706-90-3	Perfluoropentanoic acid (PFPeA)	0.0213	J	0.050	0.017
307-24-4	Perfluorohexanoic acid (PFHxA)	0.0195	J	0.050	0.016
375-85-9	Perfluoroheptanoic acid (PFHpA)	0.0178	J	0.050	0.014
335-67-1	Perfluorooctanoic acid (PFOA)	0.0190	J	0.050	0.019
375-95-1	Perfluorononanoic acid (PFNA)	0.0181	J	0.050	0.012
335-76-2	Perfluorodecanoic acid (PFDA)	0.0182	J	0.050	0.012
2058-94-8	Perfluoroundecanoic acid (PFUnA)	0.0176	J	0.050	0.014
307-55-1	Perfluorododecanoic acid (PFDoA)	0.0172	J	0.050	0.012
72629-94-8	Perfluorotridecanoic acid (PFTriA)	0.0169	J	0.050	0.012
376-06-7	Perfluorotetradecanoic acid (PFTeA)	0.050	U	0.050	0.016
375-73-5	Perfluorobutanesulfonic acid (PFBS)	0.0171	J	0.050	0.016
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	0.0182	J	0.050	0.014
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	0.0155	J	0.050	0.010
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	0.050	U	0.050	0.021
335-77-3	Perfluorodecanesulfonic acid (PFDS)	0.0146	J	0.050	0.010
754-91-6	Perfluorooctanesulfonamide (FOSA)	0.050	U	0.050	0.023
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	0.13	U	0.13	0.048
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	0.13	U	0.13	0.040
27619-97-2	6:2 FTS	0.13	U	0.13	0.032
39108-34-4	8:2 FTS	0.050	U	0.050	0.020

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 460-262853-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: ICB 200-182319/11

Matrix: Solid Lab File ID: PA220803ICAL11.d

Analysis Method: 537 (modified) Date Collected: _____

Extraction Method: _____ Date Extracted: _____

Sample wt/vol: 1 (mL) Date Analyzed: 08/03/2022 13:49

Con. Extract Vol.: _____ Dilution Factor: 1

Injection Volume: 20 (uL) GC Column: C-18 ID: 4.6 (mm)

% Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N

Cleanup Factor: _____

Analysis Batch No.: 182319 Units: ng/mL

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00994	18O2 PFHxS	103		50-150
STL01892	13C4 PFHpA	100		50-150
STL00990	13C4 PFOA	101		50-150
STL00991	13C4 PFOS	100		50-150
STL00995	13C5 PFNA	102		50-150
STL00992	13C4 PFBA	97		50-150
STL00993	13C2 PFHxA	101		50-150
STL00996	13C2 PFDA	98		50-150
STL00997	13C2 PFUnA	102		50-150
STL00998	13C2 PFDoA	101		50-150
STL01056	13C8 FOSA	101		50-150
STL01893	13C5 PFPeA	100		50-150
STL02116	13C2 PFTeDA	102		50-150
STL02118	d3-NMeFOSAA	97		50-150
STL02117	d5-NEtFOSAA	95		50-150
STL02279	M2-6:2 FTS	98		50-150
STL02280	M2-8:2 FTS	102		50-150
STL02337	13C3 PFBS	98		50-150

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL11.d
 Lims ID: ICB
 Client ID:
 Sample Type: ICB
 Inject. Date: 03-Aug-2022 13:49:21 ALS Bottle#: 8 Worklist Smp#: 11
 Injection Vol: 20.0 ul Dil. Factor: 1.0000
 Sample Info: ICB
 Misc. Info.: 200-0051940-011 Plate: 1 Rack: 1
 Operator ID: lc812tech Instrument ID: LC812
 Method: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PFC_LC812.m
 Limit Group: LC_PFC_ICAL
 Last Update: 03-Aug-2022 15:44:46 Calib Date: 03-Aug-2022 13:41:11
 Integrator: Picker
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
 Column 1 : C-18 (4.60 mm) Det: EXP1
 Process Host: CTX1631

First Level Reviewer: Z1IP

Date: 03-Aug-2022 15:20:41

Ratio Calibration: Initial Calibration Level: 4

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										M
217.00 > 172.00	2.076	2.085	-0.009	0.596	1960887	1.21		96.6	8553	M
2 Perfluorobutanoic acid										M
212.90 > 169.00	2.085	2.085	0.0	1.004	37837	0.0249			5.3	M
D 3 13C5 PFPeA										
267.90 > 223.00	2.400	2.400	0.0	0.689	1563848	1.25		100	3157	
4 Perfluoropentanoic acid										M
262.90 > 219.00	2.400	2.400	0.0	1.000	27445	0.0213			1.1	M
D 47 13C3 PFBS										
301.90 > 80.00	2.413	2.413	0.0	0.693	1639804	1.14		97.6	259327	
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.413	2.413	0.0	1.000	26605	0.0171	Target=2.23		30.8	
298.90 > 99.00	2.413	2.413	0.0	1.000	12052		2.21(1.11-3.34)		12.1	
D 60 M2-4:2 FTS										
329.00 > 81.00	2.713	2.713	0.0	0.779	141715	1.14		97.6	151	
61 1H,1H,2H,2H-perfluorohexanesulfo										M
327.00 > 307.00	2.713	2.713	0.0	1.000	6501	0.0225			94.9	M
6 Perfluorohexanoic acid										M
313.00 > 269.00	2.750	2.750	0.0	1.000	25612	0.0195	Target=12.24		6.3	
313.00 > 119.00	2.737	2.750	-0.013	0.996	2831		9.05(6.12-18.36)		5.7	M
D 7 13C2 PFHxA										
315.00 > 270.00	2.750	2.750	0.0	0.790	1571063	1.26		101	2511	
70 Perfluoropentanesulfonic acid										M
349.00 > 80.00	2.750	2.762	-0.012	0.881	21886	0.0161	Target=2.95		42.2	M
349.00 > 99.00	2.750	2.762	-0.012	0.881	6559		3.34(1.48-4.43)		15.9	
67 Perfluoro(2-propoxypropanoic) ac										M
285.00 > 169.00	2.859	2.859	0.0	1.000	4624	0.0189			101	M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 64 13C3 HFPO-DA										
287.00 > 169.00	2.859	2.859	0.0	0.821	283933	1.21		96.8	1991	
D 9 13C4 PFHpA										
367.00 > 322.00	3.121	3.121	0.0	0.896	1622206	1.25		100	2544	
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.121	3.121	0.0	1.000	23834	0.0178	Target=3.73	8.3		M
363.00 > 169.00	3.121	3.121	0.0	1.000	7057		3.38(1.86-5.59)	14.1		M
D 11 18O2 PFHxS										
403.00 > 84.00	3.121	3.121	0.0	0.896	1243333	1.22		103	2264	M
8 Perfluorohexanesulfonic acid										
399.00 > 80.00	3.121	3.121	0.0	1.000	21122	0.0182	Target=3.43	55.7		M
399.00 > 99.00	3.121	3.121	0.0	1.000	7292		2.90(1.72-5.15)	11.4		M
77 DONA										
377.00 > 251.00	3.165	3.165	0.0	0.835	57704	0.0185	Target=2.84	108		M
377.00 > 85.00	3.154	3.165	-0.011	0.832	21390		2.70(1.42-4.26)	40.2		M
D 12 M2-6:2 FTS										
429.00 > 81.00	3.465	3.474	-0.009	0.995	197884	1.16		98.0	383	M
13 1H,1H,2H,2H-perfluorooctanesulfo										
427.00 > 407.00	3.474	3.474	0.0	1.003	4816	0.003025		25.3		M
16 Perfluoroheptanesulfonic acid										
449.00 > 80.00	3.465	3.474	-0.009	0.914	14529	0.0155	Target=4.89	58.3		M
449.00 > 99.00	3.465	3.474	-0.009	0.914	3074		4.73(2.44-7.33)	21.8		M
15 Perfluorooctanoic acid										
413.00 > 369.00	3.482	3.482	0.0	1.003	28487	0.0190	Target=2.67	3.6		M
413.00 > 169.00	3.474	3.482	-0.008	1.000	10359		2.75(1.34-4.01)	26.5		M
D 14 13C4 PFOA										
417.00 > 372.00	3.474	3.482	-0.008	0.998	1670098	1.26		101	1612	M
* 62 13C2 PFOA										
415.00 > 370.00	3.482	3.482	0.0		1738669	1.25		3372		
17 Perfluorooctanesulfonic acid										
499.00 > 80.00	3.802	3.802	0.0	1.003	15622	0.002237	Target=4.88	9.2		M
499.00 > 99.00	3.792	3.802	-0.010	1.000	4033		3.87(2.44-7.32)	18.4		M
D 18 13C4 PFOS										
503.00 > 80.00	3.792	3.802	-0.010	1.089	905982	1.19		99.9	2598	
D 19 13C5 PFNA										
468.00 > 423.00	3.812	3.822	-0.010	1.095	1749304	1.27		102	2502	M
20 Perfluorononanoic acid										
463.00 > 419.00	3.812	3.822	-0.010	1.000	25725	0.0181	Target=8.23	9.1		
463.00 > 169.00	3.822	3.822	0.0	1.003	3194		8.05(4.11-12.34)	35.8		
69 9-Chlorohexadecafluoro-3-oxanona										
531.00 > 351.00	3.960	3.969	-0.009	1.044	19538	0.0146		95.0		M
68 Perfluorononanesulfonic acid										
549.00 > 80.00	4.093	4.093	0.0	1.079	9075	0.0153	Target=2.53	100		M
549.00 > 99.00	4.093	4.093	0.0	1.079	3725		2.44(1.26-3.79)	23.9		M
25 1H,1H,2H,2H-perfluorodecanesulfo										
527.00 > 507.00	4.127	4.127	0.0	1.000	3981	0.0198		56.5		M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
24 Perfluorodecanoic acid										
513.00 > 469.00	4.127	4.127	0.0	1.003	25196	0.0182	Target=9.67	19.2		
513.00 > 169.00	4.127	4.127	0.0	1.003	2606		9.67(4.83-14.50)	14.3		
D 23 13C2 PFDA										
515.00 > 470.00	4.115	4.127	-0.012	1.182	1648156	1.23		98.5	1543	M
D 26 M2-8:2 FTS										
529.00 > 81.00	4.127	4.138	-0.011	1.185	248840	1.22		102	1063	
D 21 13C8 FOSA										
506.00 > 78.00	4.173	4.173	0.0	1.198	1474899	1.26		101	1473	M
22 Perfluorooctanesulfonamide										
498.00 > 78.00	4.173	4.173	0.0	1.000	21149	0.0176		47.9		M
28 N-methylperfluorooctanesulfonami										
570.00 > 419.00	4.273	4.273	0.0	1.003	4635	0.0298		16.2		M
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.261	4.273	-0.012	1.224	218608	1.22		97.5	1389	M
29 Perfluorodecanesulfonic acid										
599.00 > 80.00	4.365	4.365	0.0	1.151	6455	0.0146	Target=2.80	58.1		
599.00 > 99.00	4.365	4.365	0.0	1.151	3067		2.10(1.40-4.20)	42.0		M
31 Perfluoroundecanoic acid										
563.00 > 519.00	4.387	4.399	-0.012	1.000	19329	0.0176	Target=9.07	16.7		
563.00 > 169.00	4.387	4.399	-0.012	1.000	1970		9.81(4.54-13.61)	23.6		M
D 30 13C2 PFUnA										
565.00 > 520.00	4.387	4.399	-0.012	1.260	1296470	1.28		102	1304	M
33 N-ethylperfluorooctanesulfonamid										
584.00 > 419.00	4.410	4.410	0.0	1.003	4914	0.0337		35.7		M
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.398	4.410	-0.012	1.263	200949	1.18		94.7	895	
66 11-Chloroeicosafuoro-3-oxaundec										
631.00 > 451.00	4.491	4.491	0.0	1.184	27547	0.0158		176		
D 36 13C2 PFDaA										
615.00 > 570.00	4.633	4.633	0.0	1.330	1325182	1.26		101	1245	M
37 Perfluorododecanoic acid										
613.00 > 569.00	4.633	4.633	0.0	1.000	18488	0.0172	Target=6.97	3.3		
613.00 > 169.00	4.633	4.633	0.0	1.000	2997		6.17(3.48-10.45)	35.3		
74 1H,1H,2H,2H-perfluorododecanesul										
627.00 > 607.00	4.663	4.654	0.009	1.130	1467	0.0156		35.2		M
75 Perfluorododecanesulfonic acid (										
699.00 > 80.00	4.813	4.813	0.0	1.269	3055	0.0156	Target=0.52	47.6		
699.00 > 99.00	4.813	4.813	0.0	1.269	4706		0.65(0.26-0.79)	112		
41 Perfluorotridecanoic acid										
663.00 > 619.00	4.848	4.859	-0.011	1.046	15748	0.0169	Target=4.56	2.9		
663.00 > 169.00	4.859	4.859	0.0	1.049	3187		4.94(2.28-6.84)	19.5		
D 43 13C2 PFTeDA										
715.00 > 670.00	5.052	5.052	0.0	1.451	1093349	1.27		102	1776	M
42 Perfluorotetradecanoic acid										
713.00 > 169.00	5.052	5.052	0.0	1.000	2190	0.0156	Target=0.94	34.4		
713.00 > 219.00	5.052	5.052	0.0	1.000	2548		0.86(0.47-1.41)	27.0		

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 44 13C2 PFHxDA										M
815.00 > 770.00	5.422	5.422	0.0	1.557	1220279	1.25		99.7	1821	M
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.422	5.422	0.0	1.000	24760	0.007597	Target=4.38		5.7	
813.00 > 169.00	5.422	5.422	0.0	1.000	5063		4.89(2.19-6.57)		47.7	
46 Perfluorooctadecanoic acid										M
913.00 > 869.00	5.777	5.786	-0.009	1.065	12414	0.0191	Target=4.31		3.7	
913.00 > 169.00	5.777	5.786	-0.009	1.065	2904		4.27(2.16-6.47)		25.0	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

PFAS32NCBLK20_00021

Amount Added: 100.00

Units: uL

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL11.d

Injection Date: 03-Aug-2022 13:49:21

Instrument ID: LC812

Lims ID: ICB

Client ID:

Operator ID: lc812tech

ALS Bottle#: 8

Worklist Smp#: 11

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

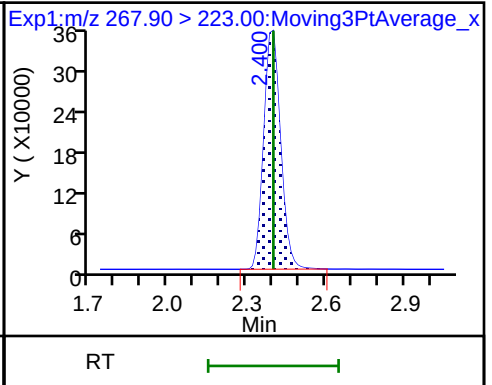
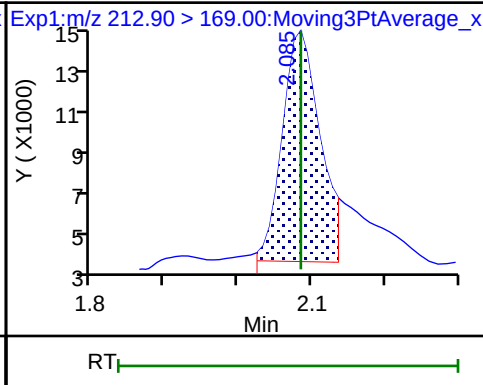
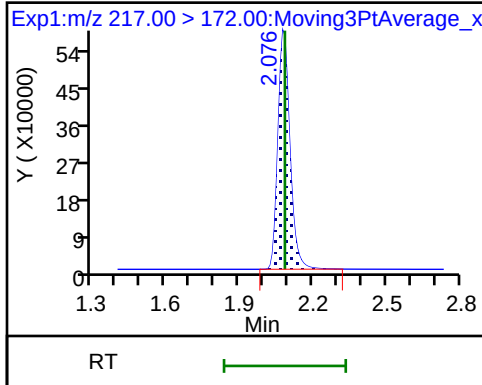
Method: PFC_LC812

Limit Group: LC_PFC_ICAL

D 1 13C4 PFBA (M)

2 Perfluorobutanoic acid (M)

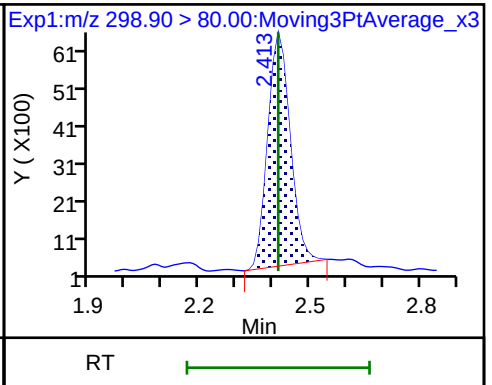
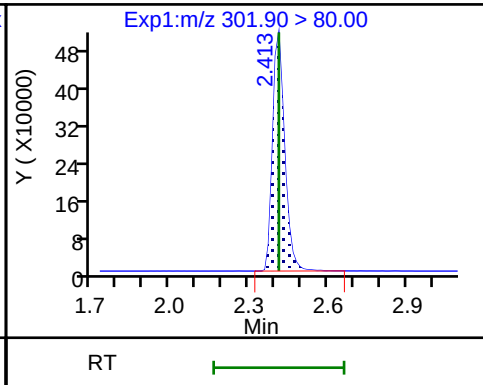
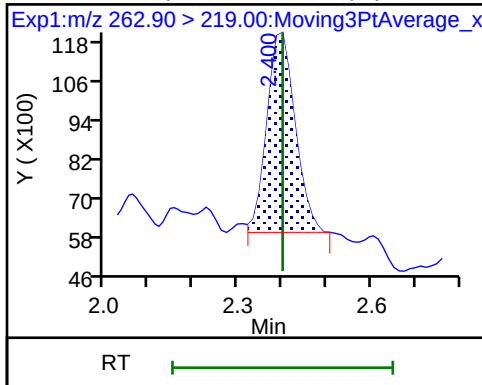
D 3 13C5 PFPeA



4 Perfluoropentanoic acid (M)

D 47 13C3 PFBS

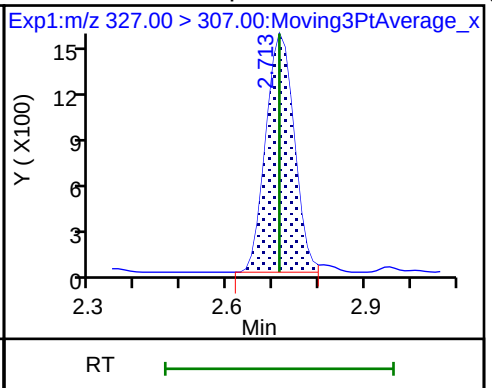
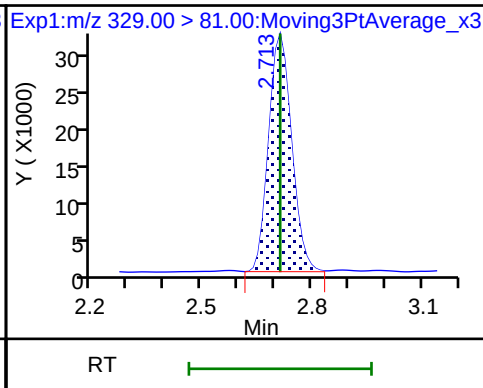
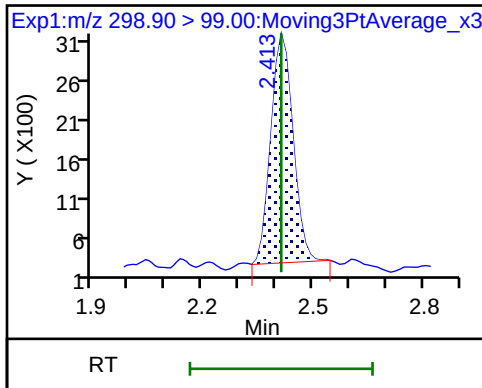
5 Perfluorobutanesulfonic acid



5 Perfluorobutanesulfonic acid

D 60 M2-4:2 FTS

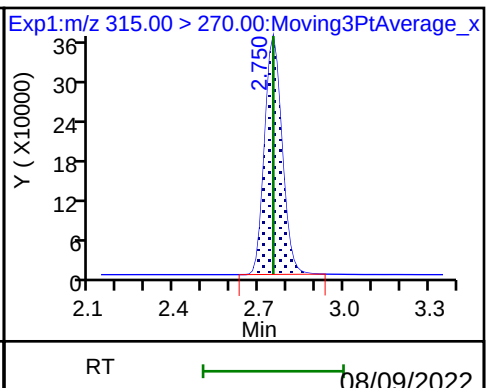
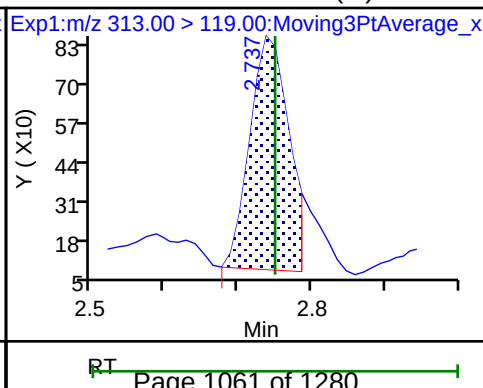
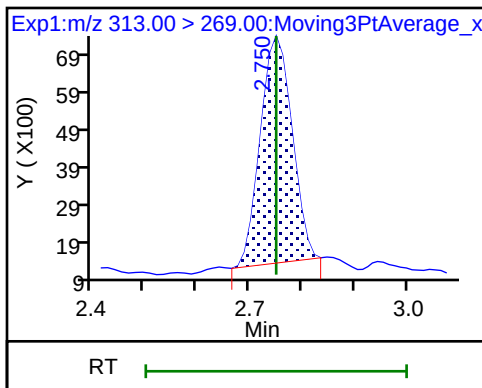
61 1H,1H,2H,2H-perfluorohexanesulfo (M)

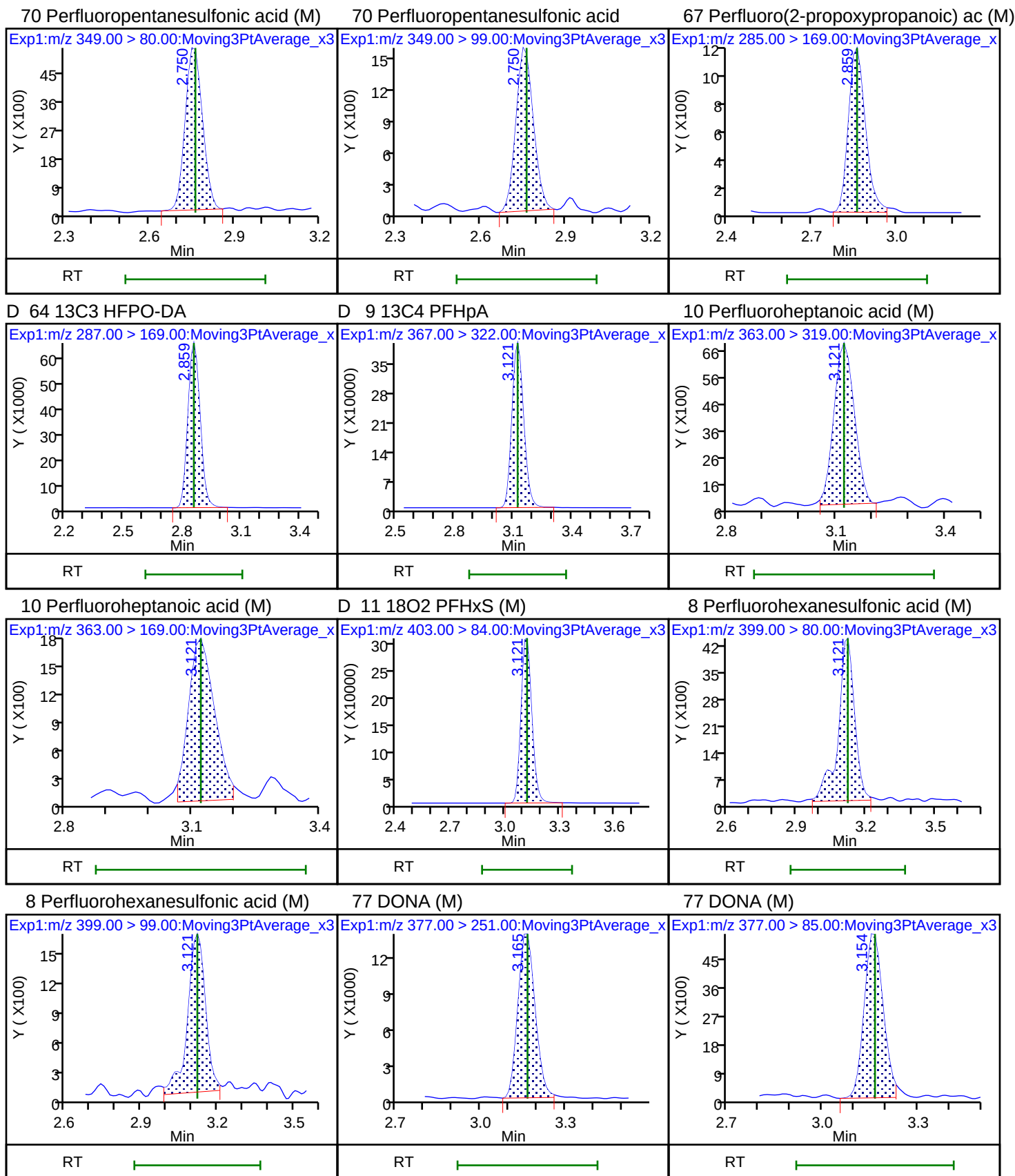


6 Perfluorohexanoic acid

6 Perfluorohexanoic acid (M)

D 7 13C2 PFHxA





D 12 M2-6:2 FTS (M)

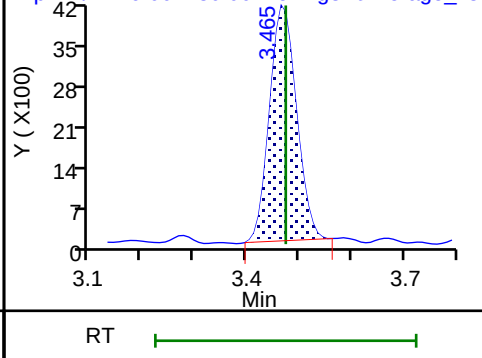
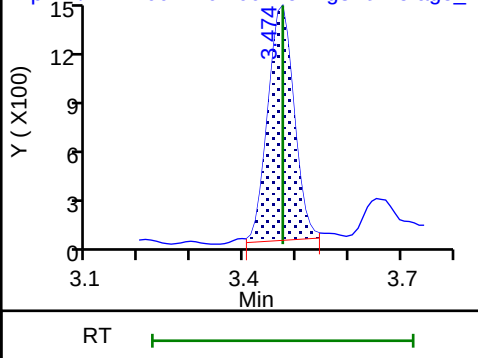
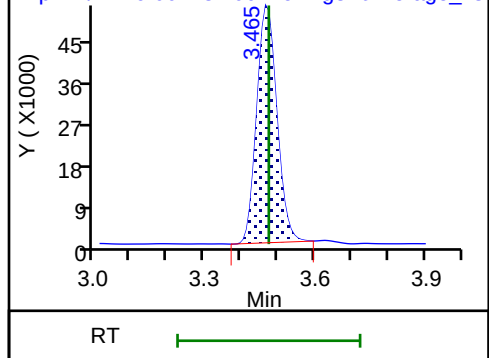
13 1H,1H,2H,2H-perfluorooctanesulfo (M)

16 Perfluoroheptanesulfonic acid (M)

Exp1:m/z 429.00 > 81.00:Moving3PtAverage_x3

Exp1:m/z 427.00 > 407.00:Moving3PtAverage_x3

Exp1:m/z 449.00 > 80.00:Moving3PtAverage_x3



16 Perfluoroheptanesulfonic acid (M)

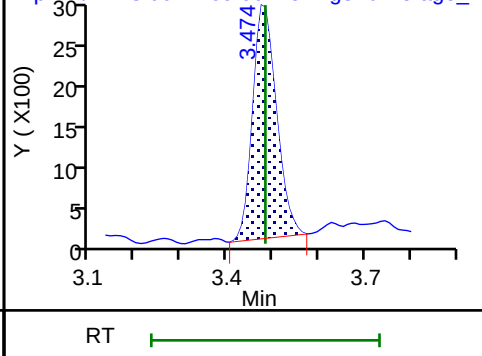
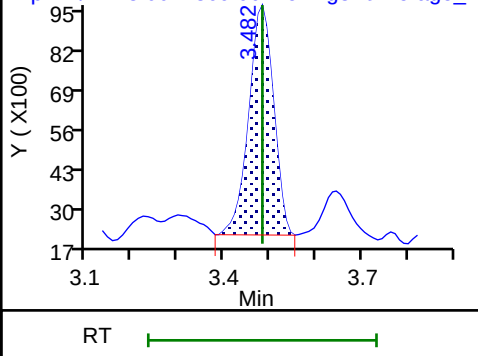
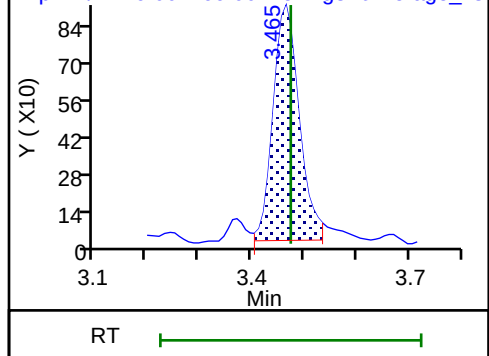
15 Perfluorooctanoic acid (M)

15 Perfluorooctanoic acid (M)

Exp1:m/z 449.00 > 99.00:Moving3PtAverage_x3

Exp1:m/z 413.00 > 369.00:Moving3PtAverage_x3

Exp1:m/z 413.00 > 169.00:Moving3PtAverage_x3



D 14 13C4 PFOA (M)

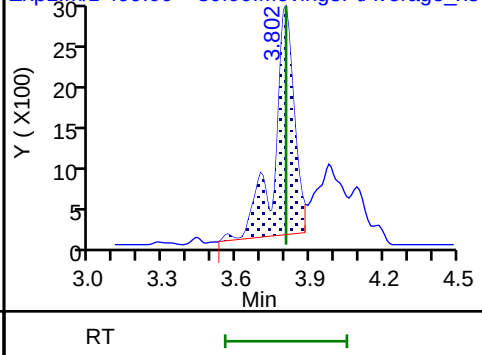
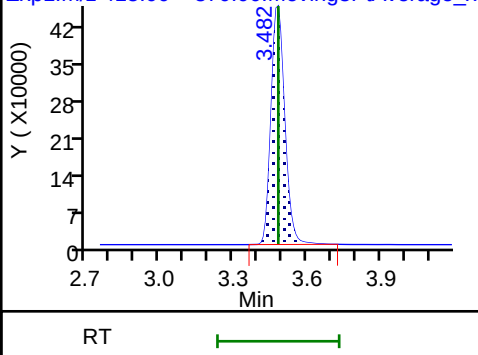
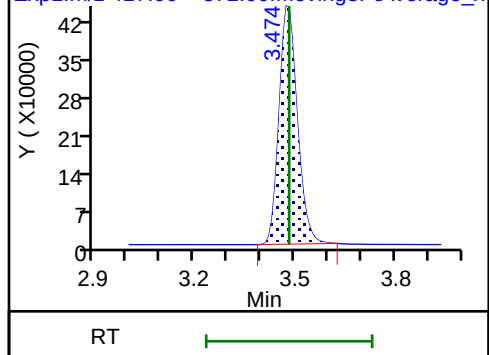
* 62 13C2 PFOA

17 Perfluorooctanesulfonic acid (M)

Exp1:m/z 417.00 > 372.00:Moving3PtAverage_x3

Exp1:m/z 415.00 > 370.00:Moving3PtAverage_x3

Exp1:m/z 499.00 > 80.00:Moving3PtAverage_x3



17 Perfluorooctanesulfonic acid (M)

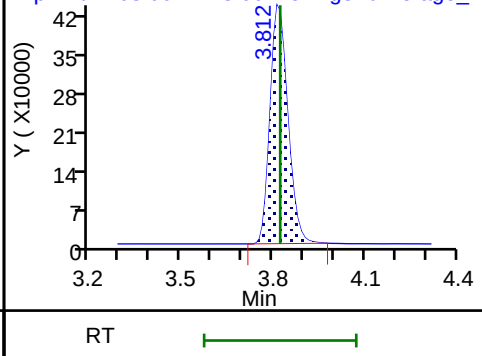
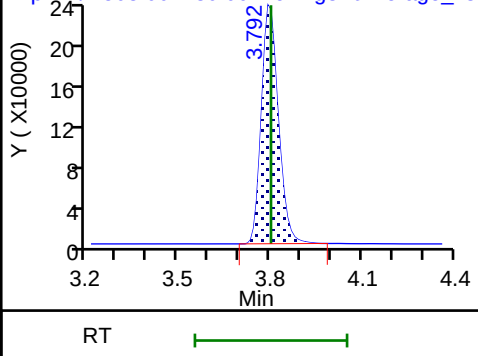
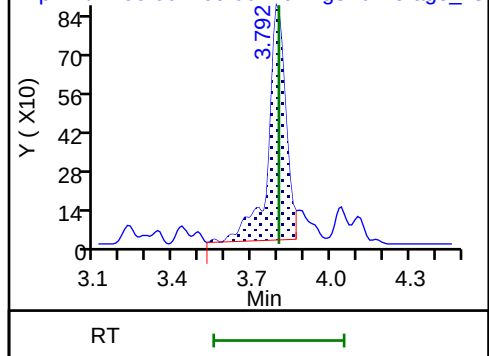
D 18 13C4 PFOS

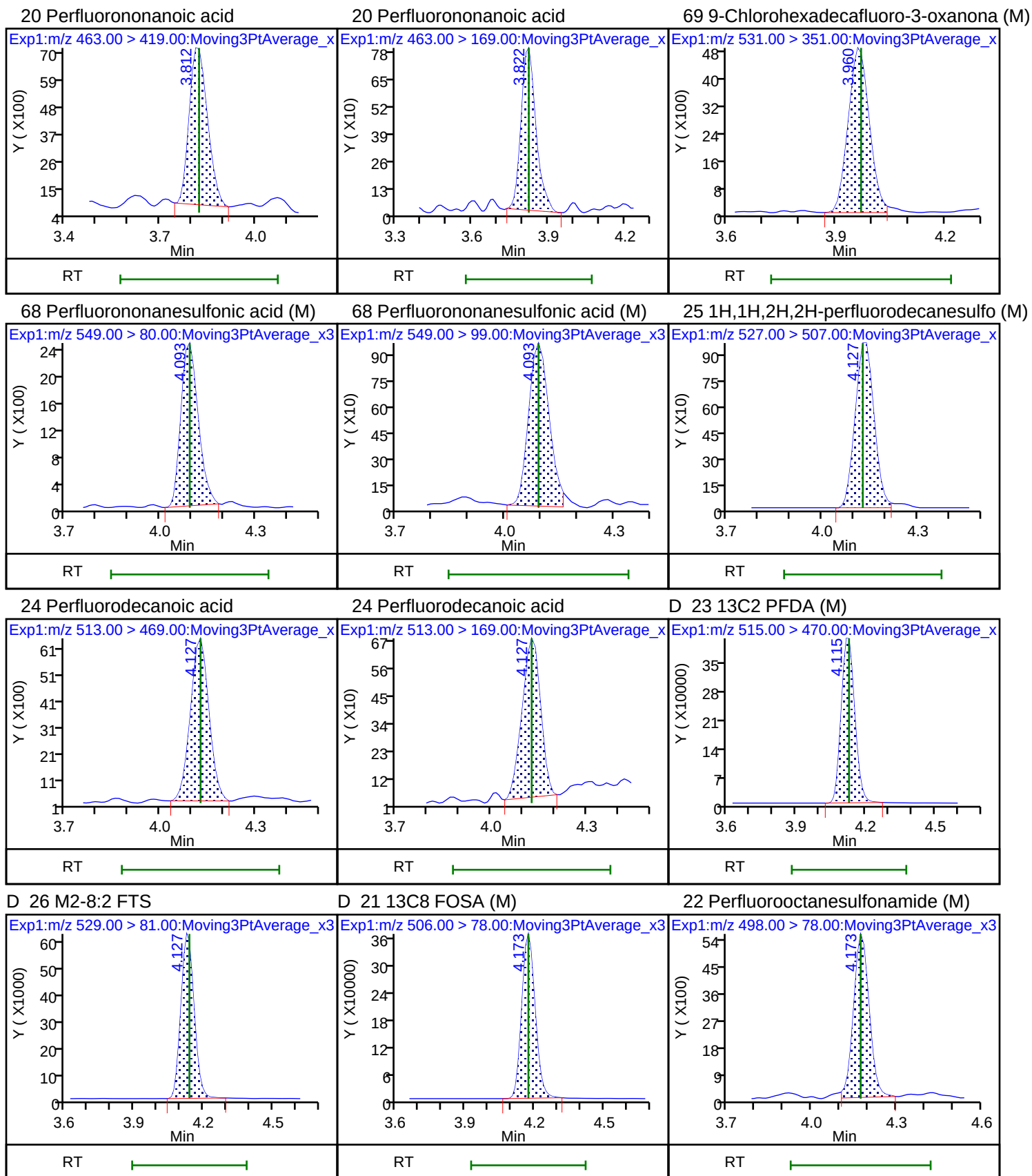
D 19 13C5 PFNA (M)

Exp1:m/z 499.00 > 99.00:Moving3PtAverage_x3

Exp1:m/z 503.00 > 80.00:Moving3PtAverage_x3

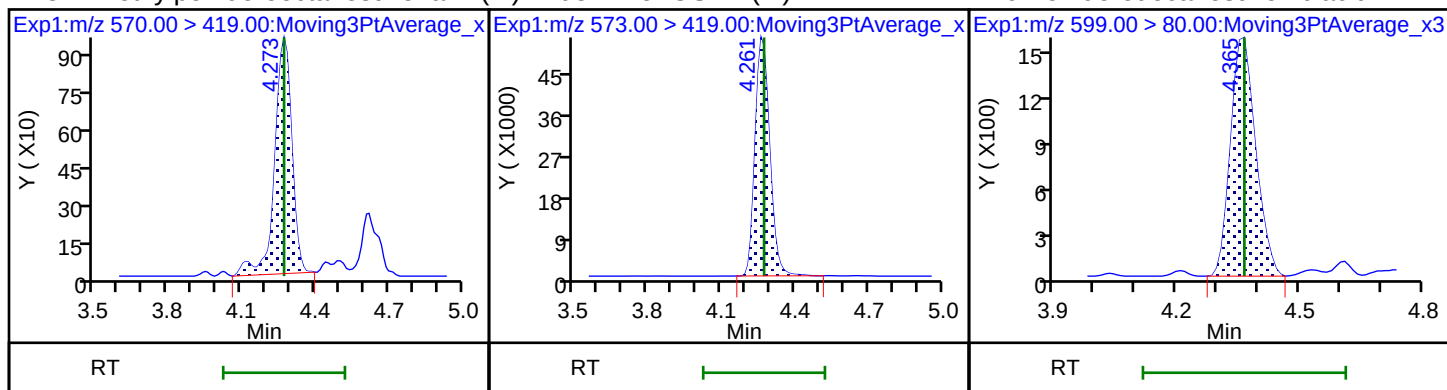
Exp1:m/z 468.00 > 423.00:Moving3PtAverage_x3





28 N-methylperfluorooctanesulfonami (M) 27 d3-NMeFOSAA (M)

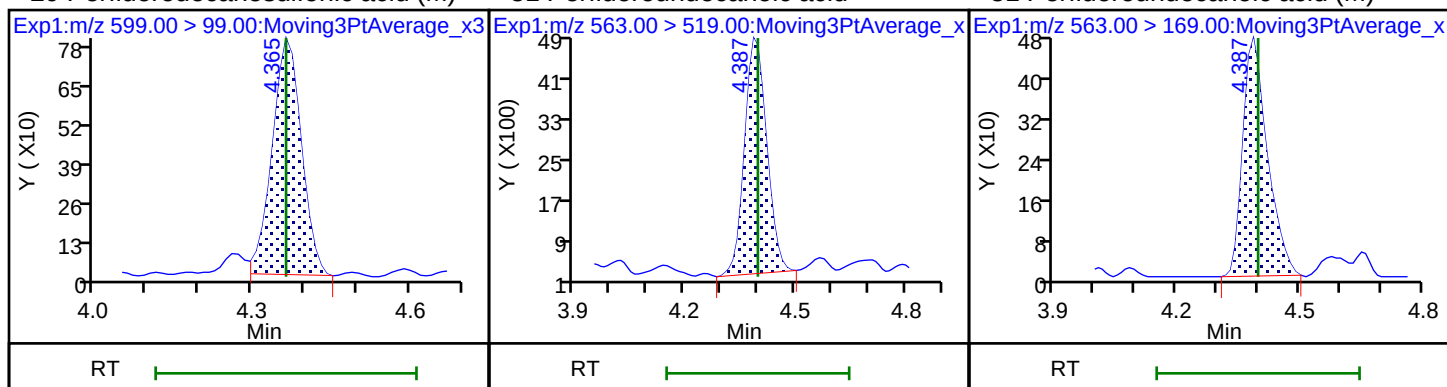
29 Perfluorodecanesulfonic acid



29 Perfluorodecanesulfonic acid (M)

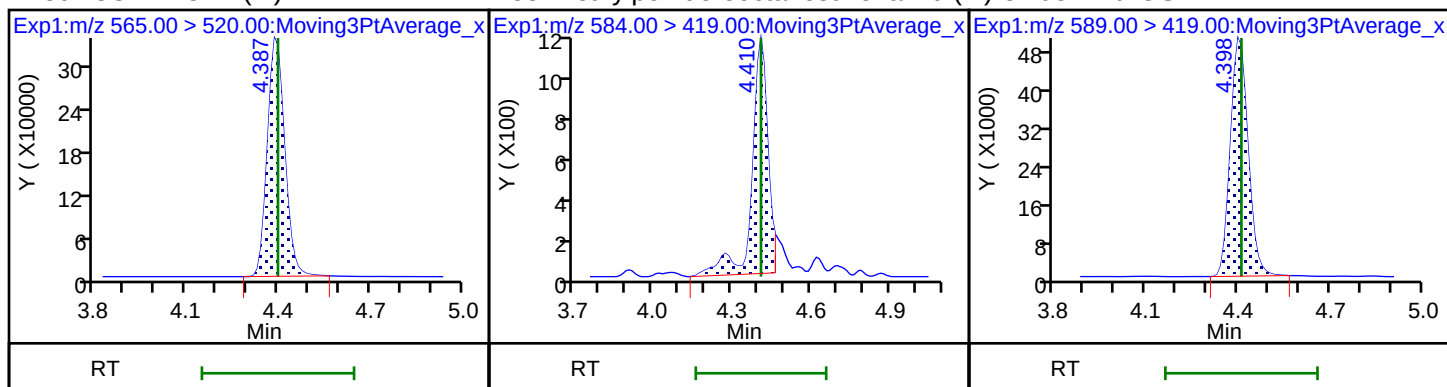
31 Perfluoroundecanoic acid

31 Perfluoroundecanoic acid (M)



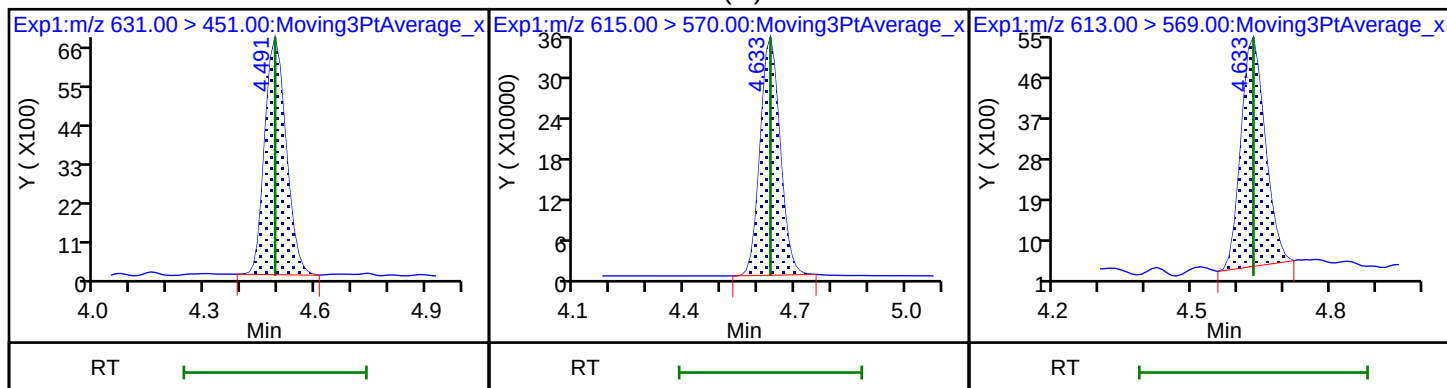
D 30 13C2 PFUnA (M)

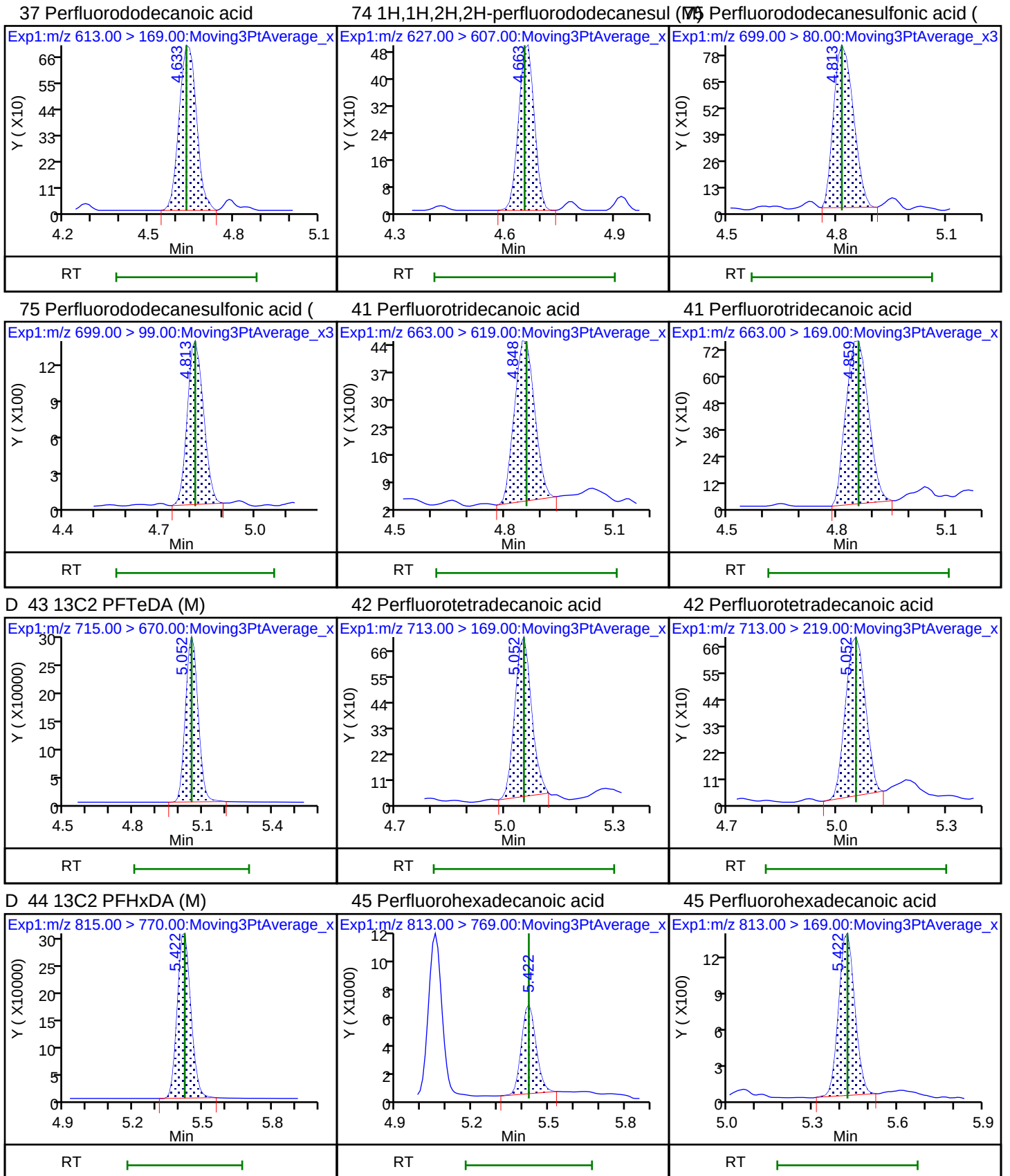
33 N-ethylperfluorooctanesulfonamid (M) 32 d5-NEtFOSAA



66 11-Chloroeicosafluoro-3-oxaundec D 36 13C2 PFDaA (M)

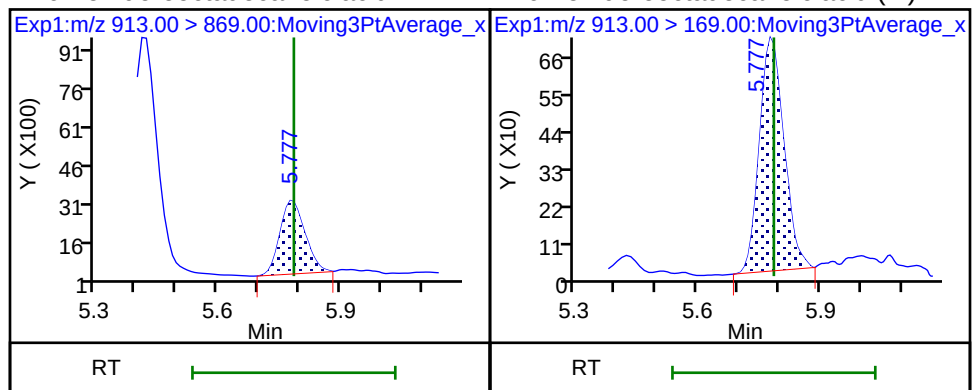
37 Perfluorododecanoic acid





46 Perfluorooctadecanoic acid

46 Perfluorooctadecanoic acid (M)



Eurofins Burlington

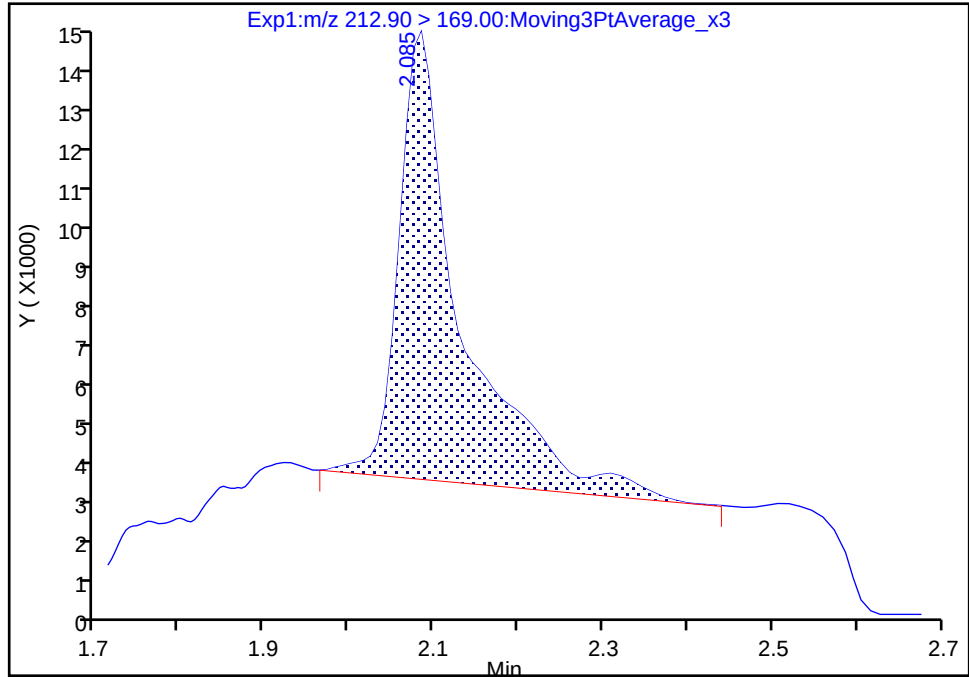
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL11.d
Injection Date: 03-Aug-2022 13:49:21 Instrument ID: LC812
Lims ID: ICB
Client ID:
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 11
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

2 Perfluorobutanoic acid, CAS: 375-22-4

Signal: 1

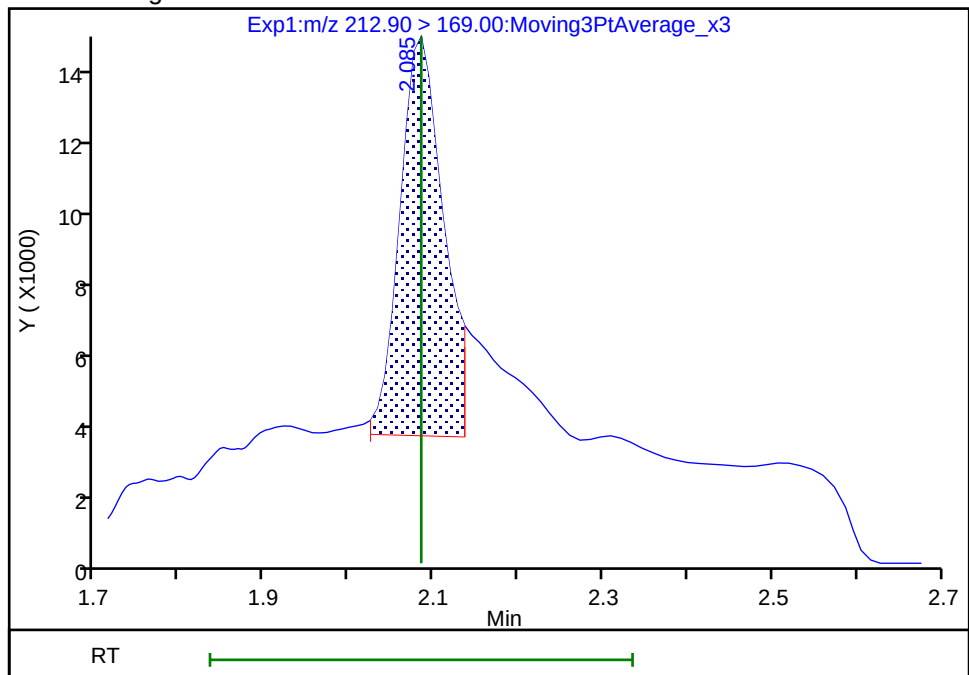
RT: 2.08
Area: 55834
Amount: 0.036705
Amount Units: ng/ml

Processing Integration Results



RT: 2.08
Area: 37837
Amount: 0.024874
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:09:37

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

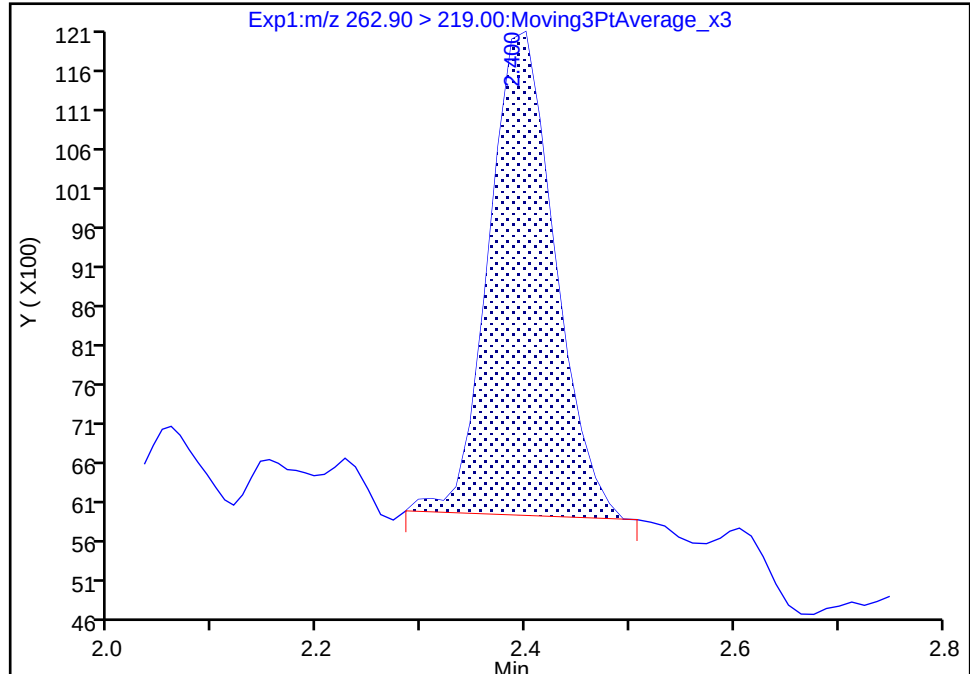
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL11.d
Injection Date: 03-Aug-2022 13:49:21 Instrument ID: LC812
Lims ID: ICB
Client ID:
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 11
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

4 Perfluoropentanoic acid, CAS: 2706-90-3

Signal: 1

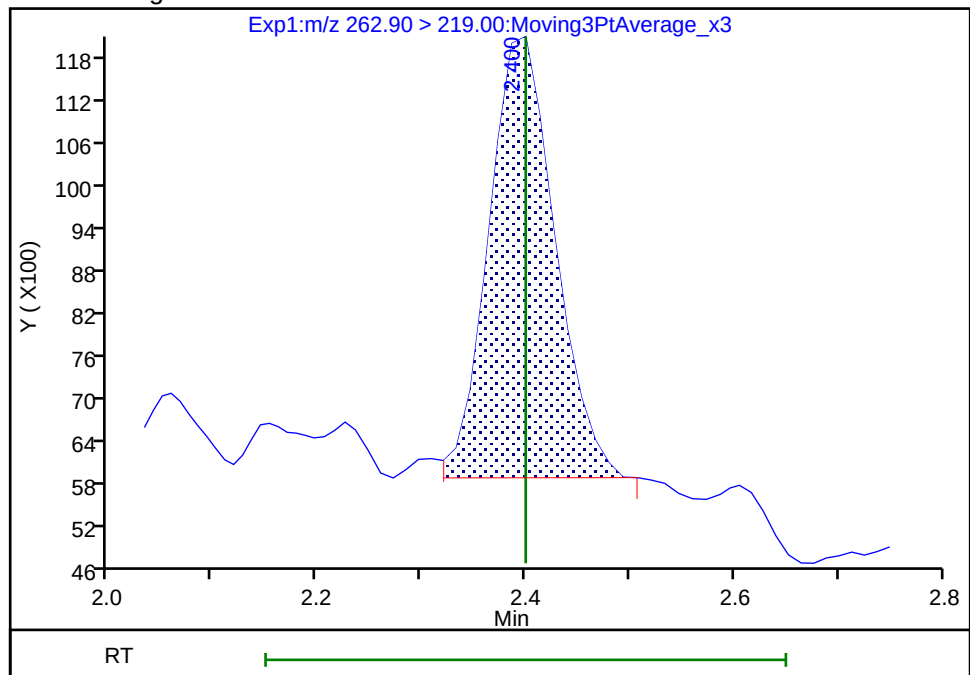
RT: 2.40
Area: 27186
Amount: 0.021078
Amount Units: ng/ml

Processing Integration Results



RT: 2.40
Area: 27445
Amount: 0.021279
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:15:18
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

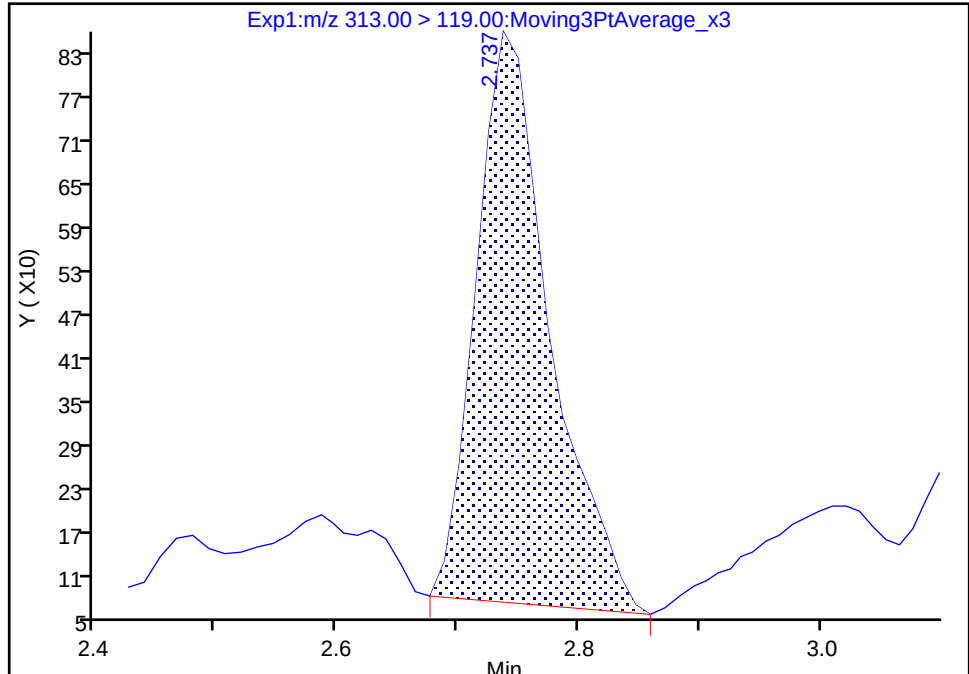
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL11.d
Injection Date: 03-Aug-2022 13:49:21 Instrument ID: LC812
Lims ID: ICB
Client ID:
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 11
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

6 Perfluorohexanoic acid, CAS: 307-24-4

Signal: 2

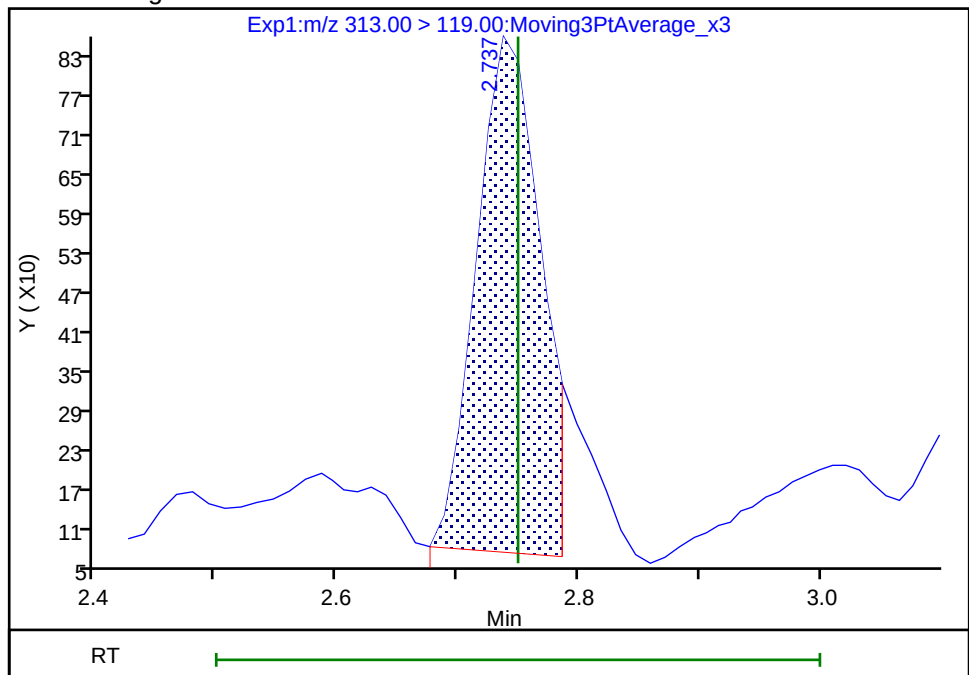
RT: 2.74
Area: 3308
Amount: 0.019529
Amount Units: ng/ml

Processing Integration Results



RT: 2.74
Area: 2831
Amount: 0.019529
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:16:22
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

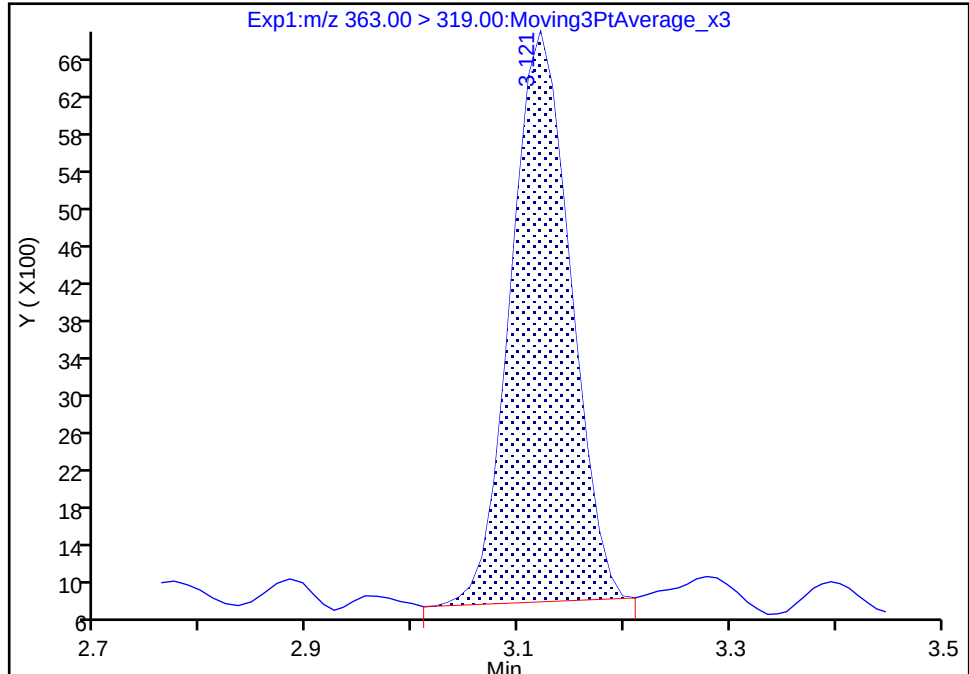
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL11.d
Injection Date: 03-Aug-2022 13:49:21 Instrument ID: LC812
Lims ID: ICB
Client ID:
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 11
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

10 Perfluoroheptanoic acid, CAS: 375-85-9

Signal: 1

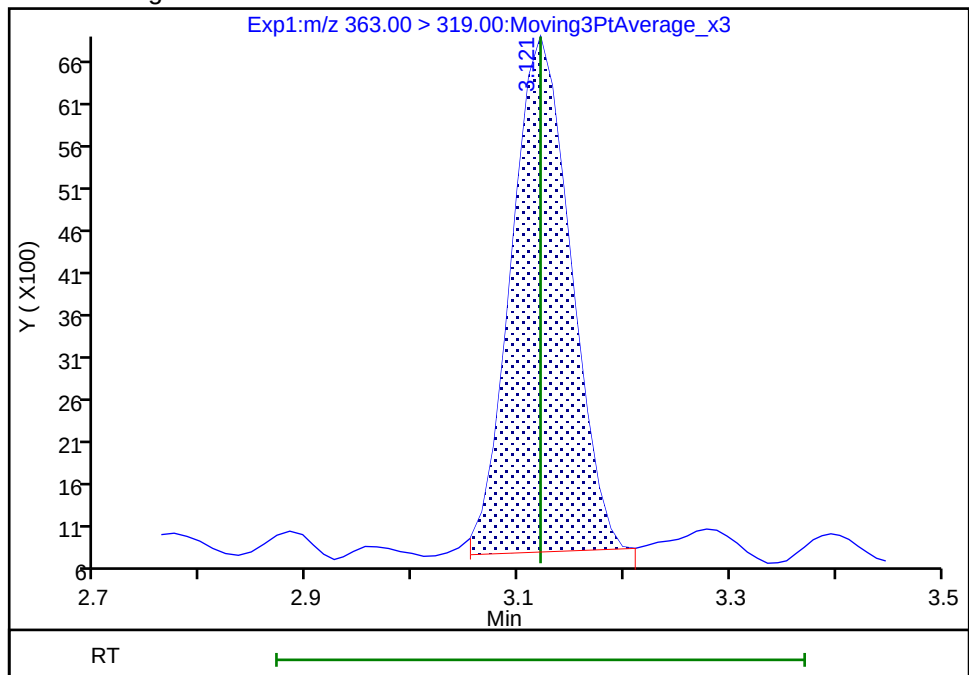
RT: 3.12
Area: 23967
Amount: 0.017920
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 23834
Amount: 0.017820
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:16:55
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

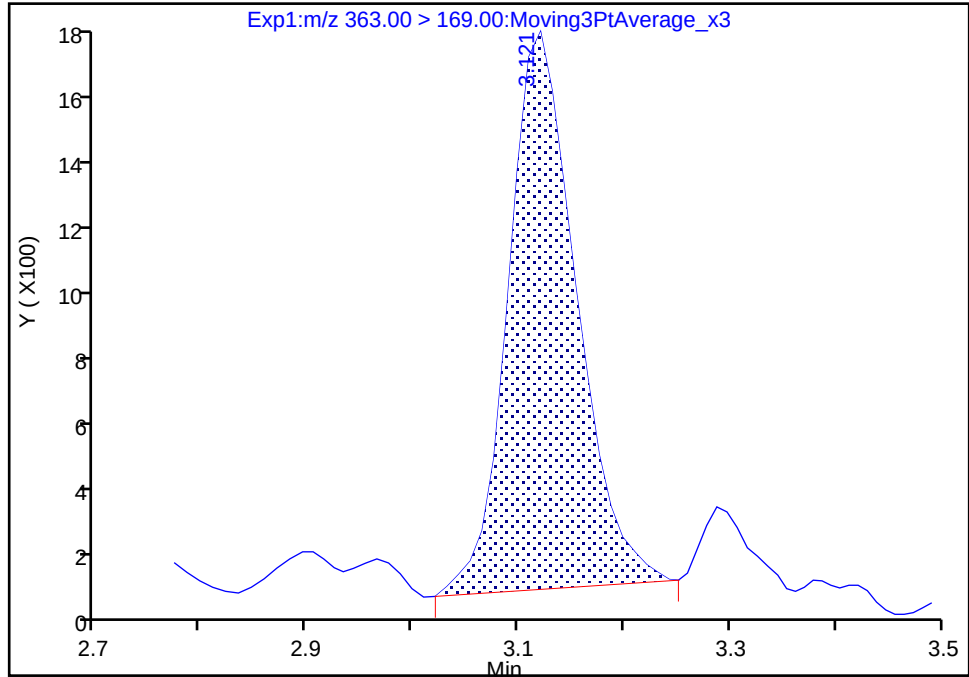
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL11.d
Injection Date: 03-Aug-2022 13:49:21 Instrument ID: LC812
Lims ID: ICB
Client ID:
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 11
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

10 Perfluoroheptanoic acid, CAS: 375-85-9

Signal: 2

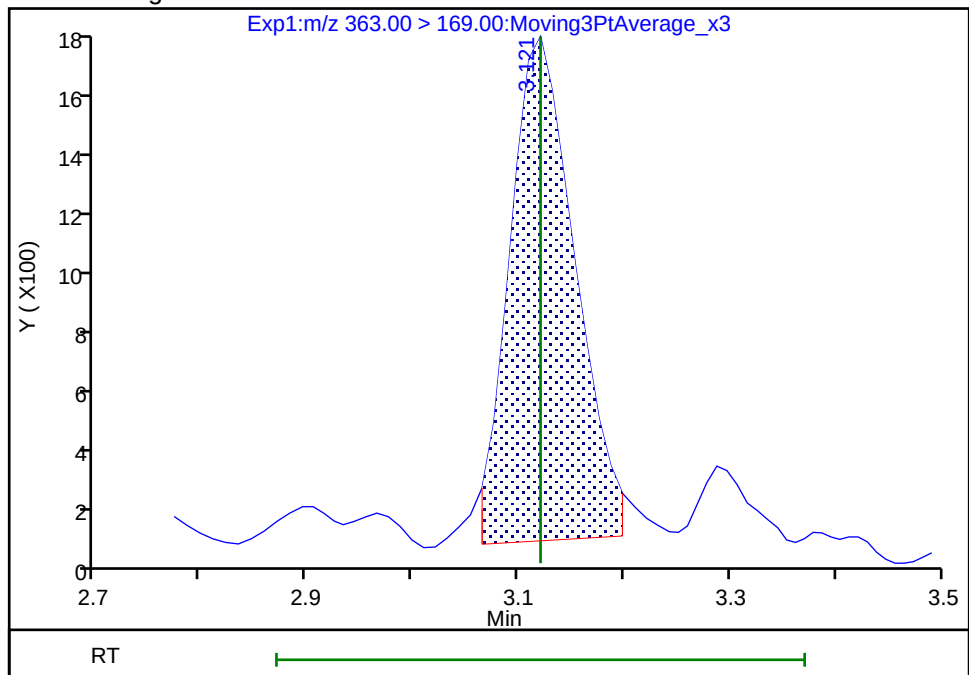
RT: 3.12
Area: 7400
Amount: 0.017920
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 7057
Amount: 0.017820
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:17:02

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

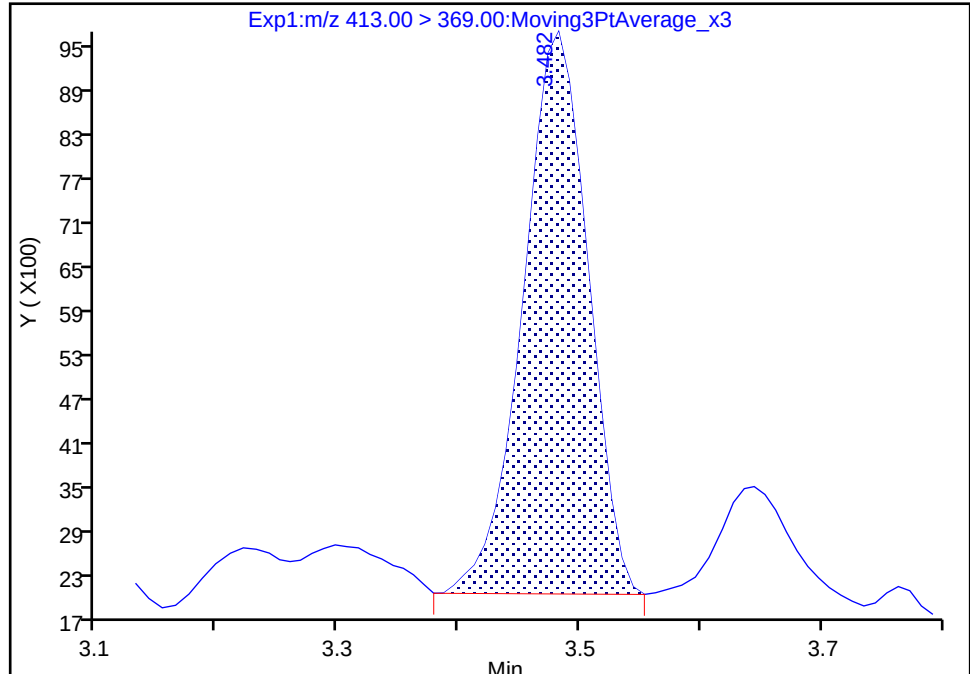
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL11.d
Injection Date: 03-Aug-2022 13:49:21 Instrument ID: LC812
Lims ID: ICB
Client ID:
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 11
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 1

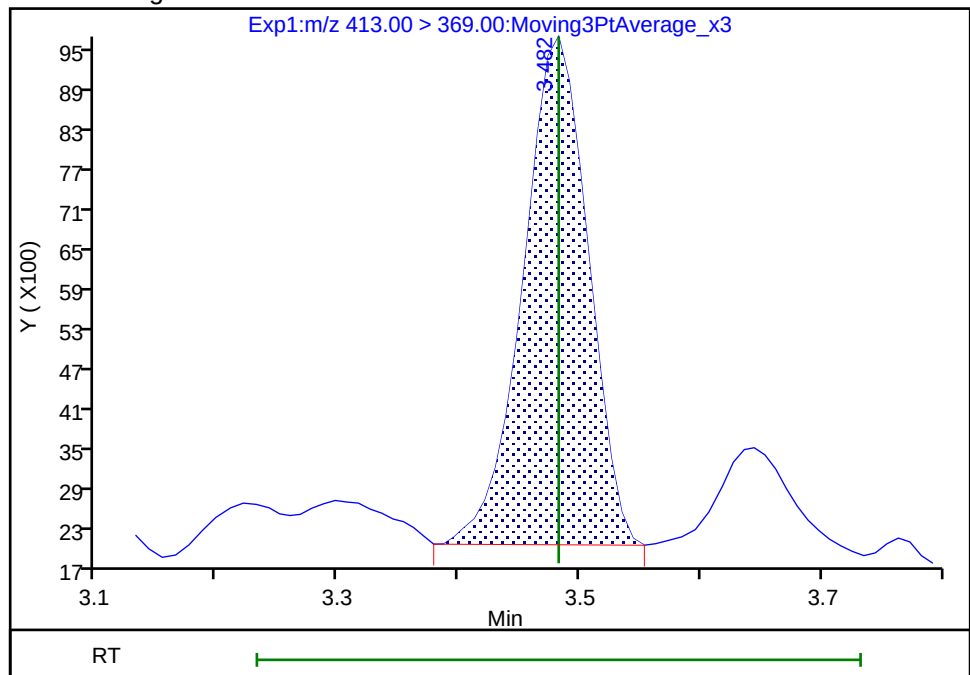
RT: 3.48
Area: 28487
Amount: 0.018863
Amount Units: ng/ml

Processing Integration Results



RT: 3.48
Area: 28487
Amount: 0.019013
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:18:37

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

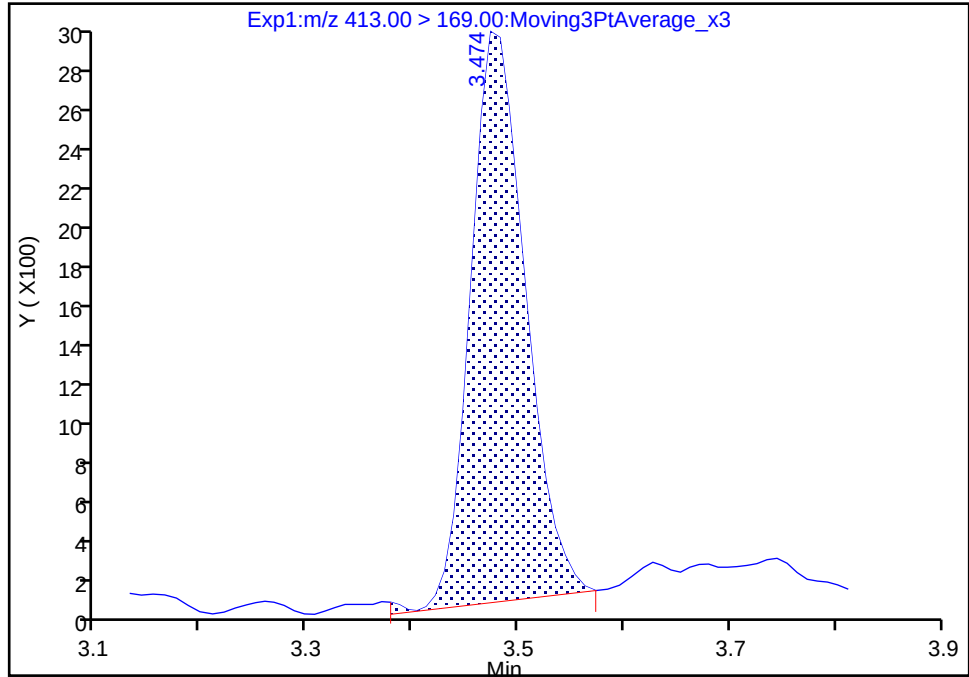
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL11.d
Injection Date: 03-Aug-2022 13:49:21 Instrument ID: LC812
Lims ID: ICB
Client ID:
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 11
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 2

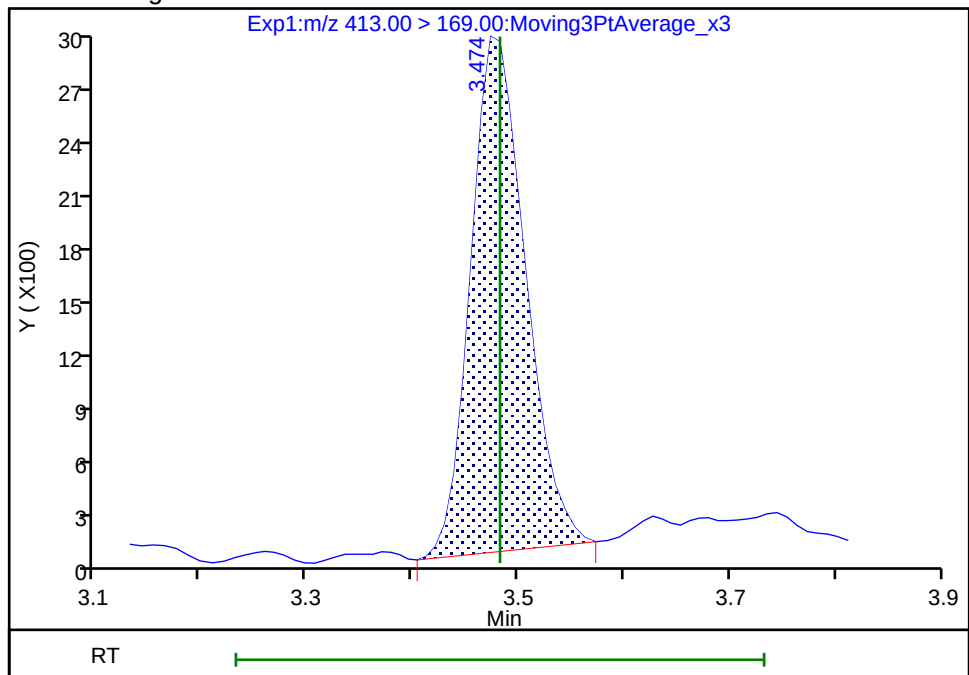
RT: 3.47
Area: 10416
Amount: 0.018863
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 10359
Amount: 0.019013
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:18:41

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

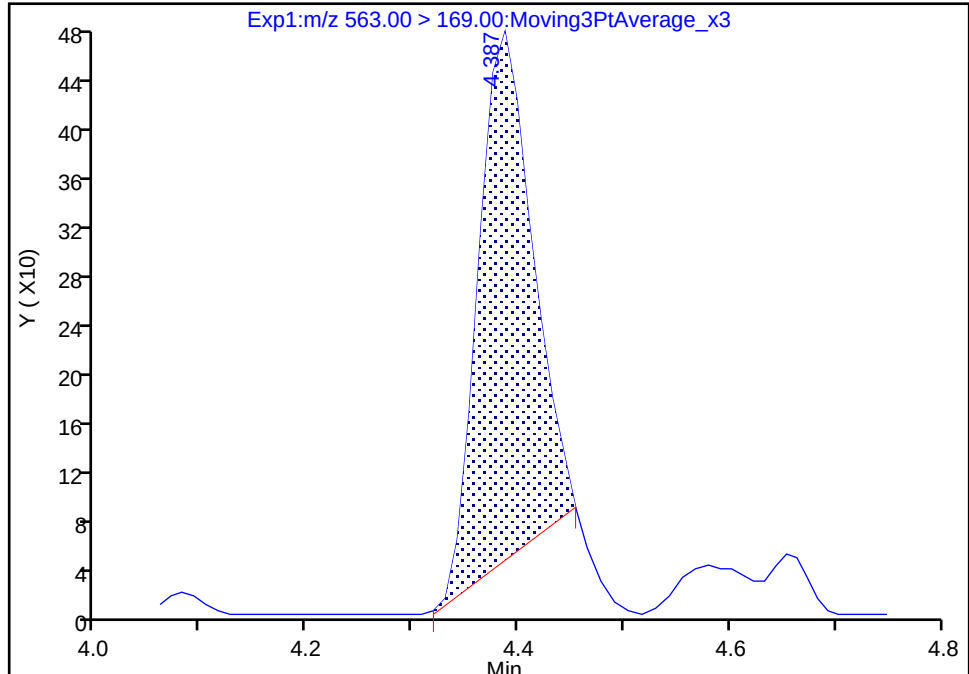
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL11.d
Injection Date: 03-Aug-2022 13:49:21 Instrument ID: LC812
Lims ID: ICB
Client ID:
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 11
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

31 Perfluoroundecanoic acid, CAS: 2058-94-8

Signal: 2

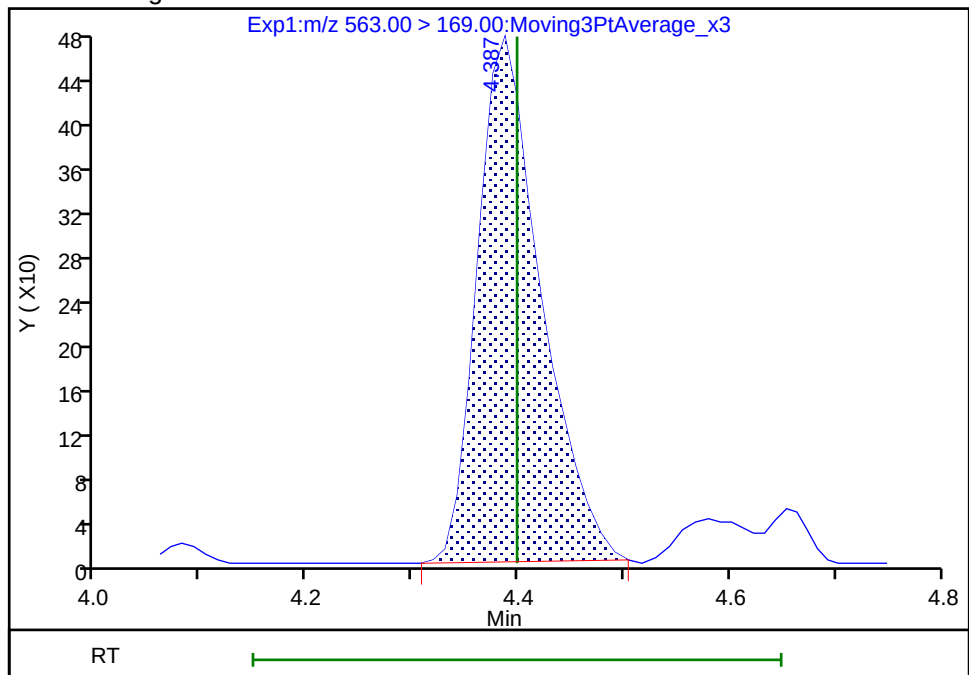
RT: 4.39
Area: 1538
Amount: 0.017440
Amount Units: ng/ml

Processing Integration Results



RT: 4.39
Area: 1970
Amount: 0.017591
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:21:32
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

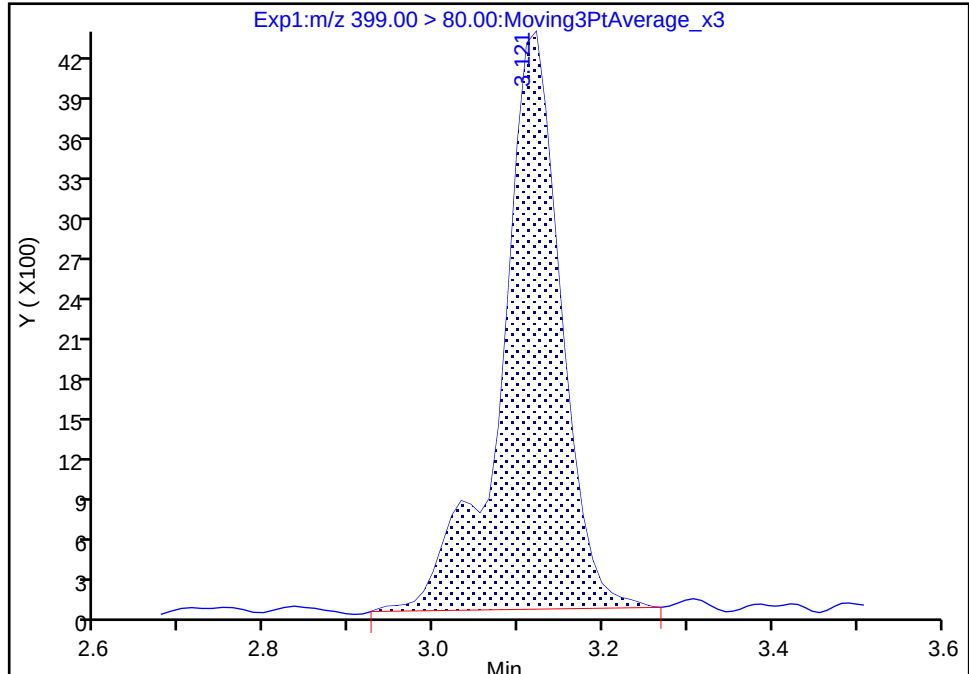
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL11.d
Injection Date: 03-Aug-2022 13:49:21 Instrument ID: LC812
Lims ID: ICB
Client ID:
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 11
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 1

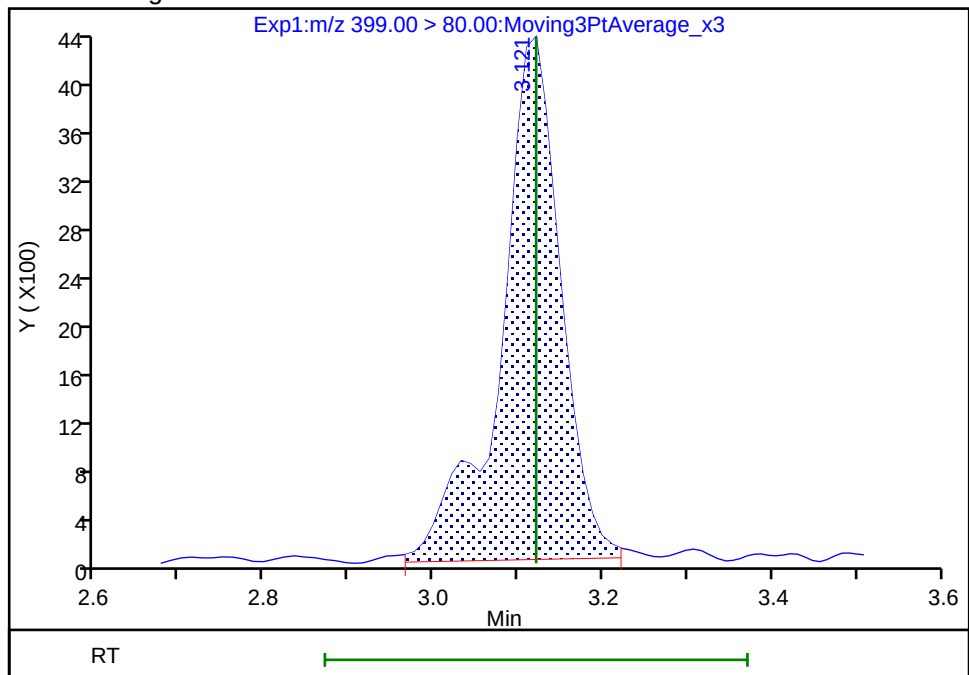
RT: 3.12
Area: 21153
Amount: 0.018240
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 21122
Amount: 0.018214
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:17:30
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

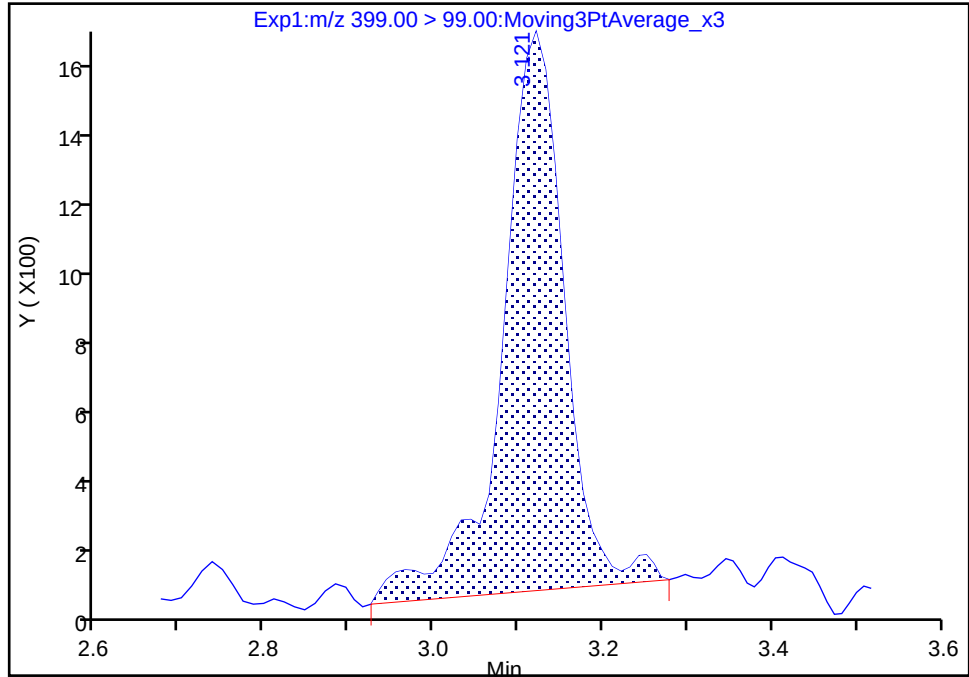
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL11.d
Injection Date: 03-Aug-2022 13:49:21 Instrument ID: LC812
Lims ID: ICB
Client ID:
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 11
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 2

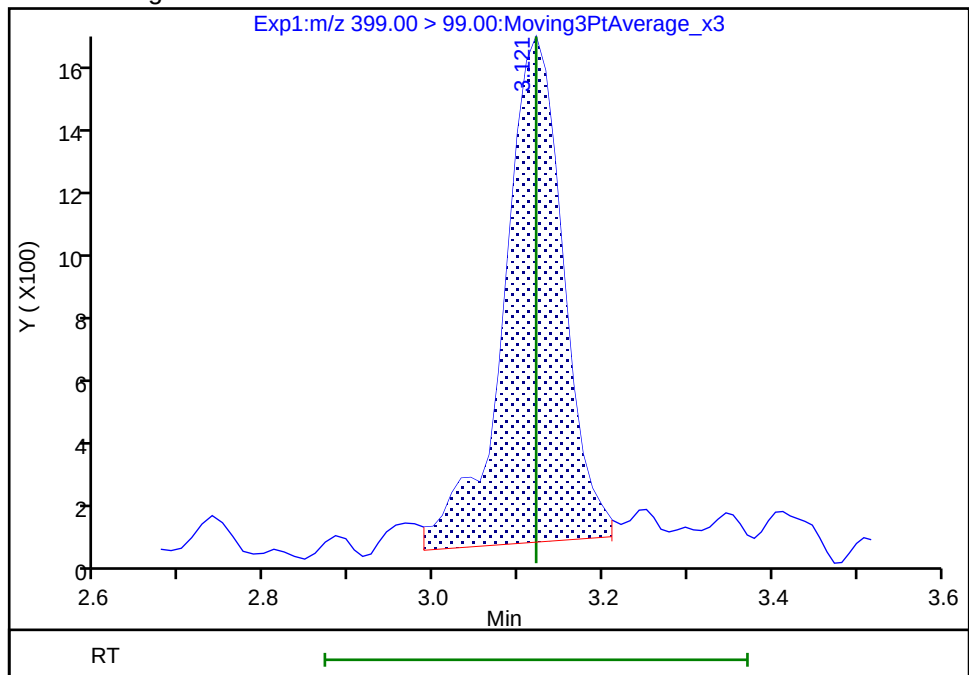
RT: 3.12
Area: 7688
Amount: 0.018240
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 7292
Amount: 0.018214
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:17:37

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

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Eurofins Burlington

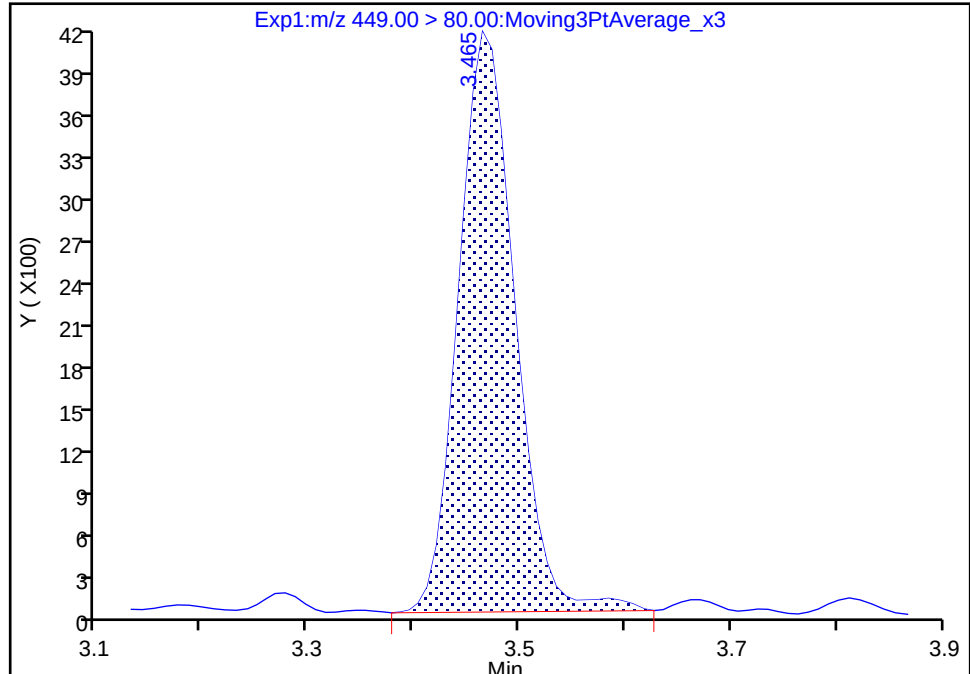
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL11.d
Injection Date: 03-Aug-2022 13:49:21 Instrument ID: LC812
Lims ID: ICB
Client ID:
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 11
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

16 Perfluoroheptanesulfonic acid, CAS: 375-92-8

Signal: 1

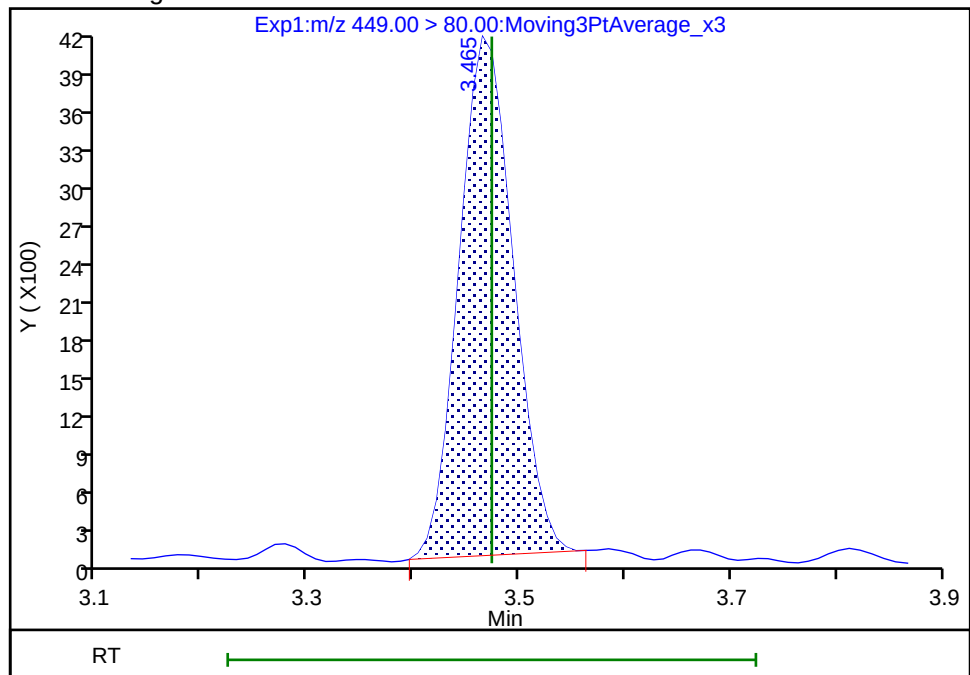
RT: 3.46
Area: 15245
Amount: 0.016269
Amount Units: ng/ml

Processing Integration Results



RT: 3.46
Area: 14529
Amount: 0.015505
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:18:20
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

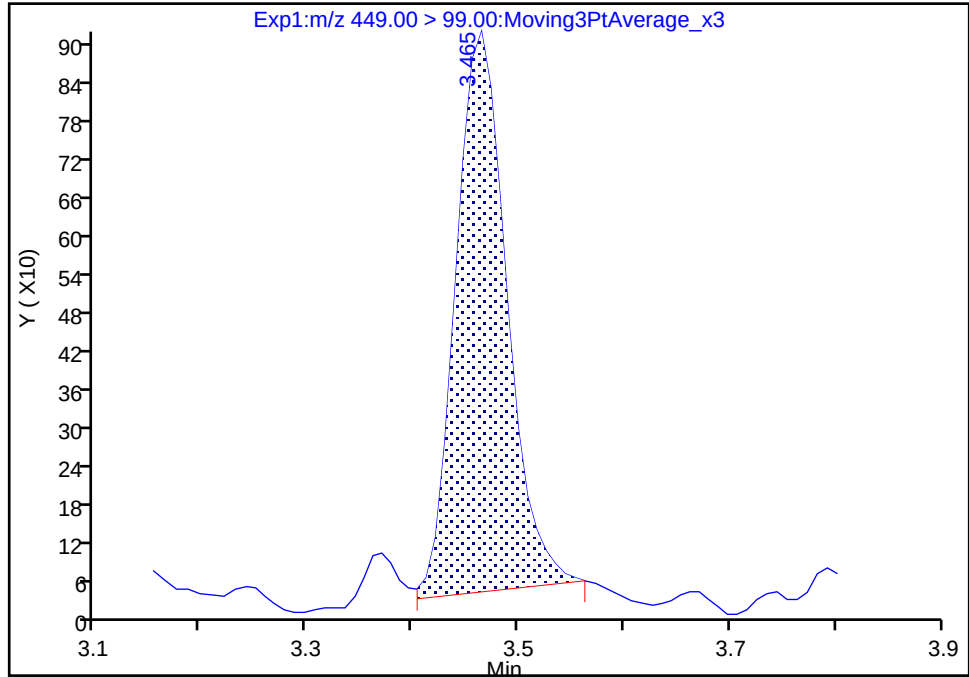
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL11.d
Injection Date: 03-Aug-2022 13:49:21 Instrument ID: LC812
Lims ID: ICB
Client ID:
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 11
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

16 Perfluoroheptanesulfonic acid, CAS: 375-92-8

Signal: 2

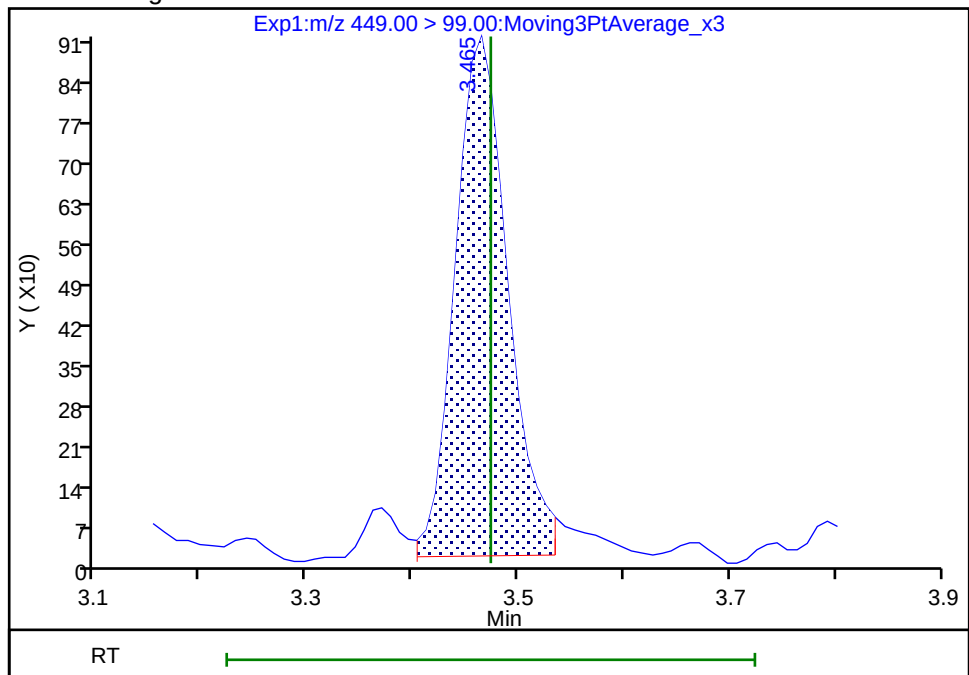
RT: 3.46
Area: 2914
Amount: 0.016269
Amount Units: ng/ml

Processing Integration Results



RT: 3.46
Area: 3074
Amount: 0.015505
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:18:31

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

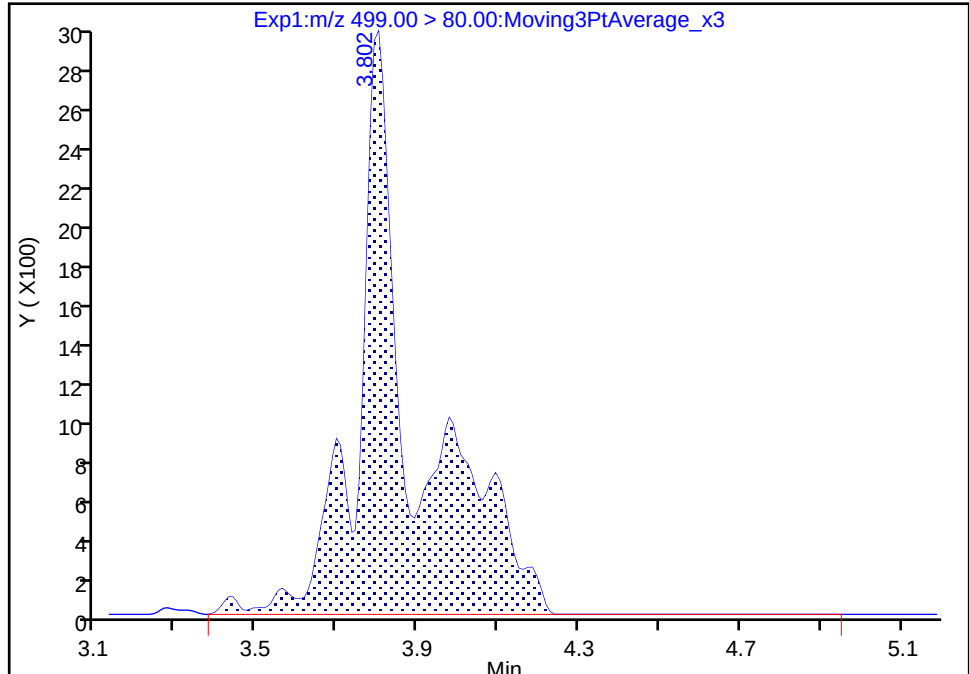
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL11.d
Injection Date: 03-Aug-2022 13:49:21 Instrument ID: LC812
Lims ID: ICB
Client ID:
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 11
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 1

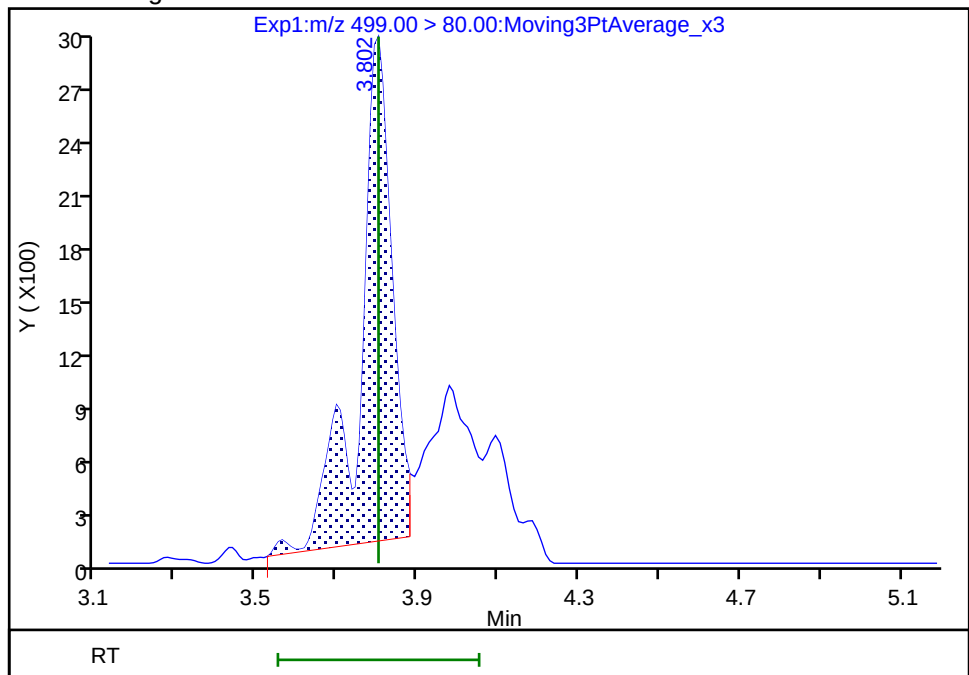
RT: 3.80
Area: 29324
Amount: 0.020402
Amount Units: ng/ml

Processing Integration Results



RT: 3.80
Area: 15622
Amount: 0.002237
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:19:08
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

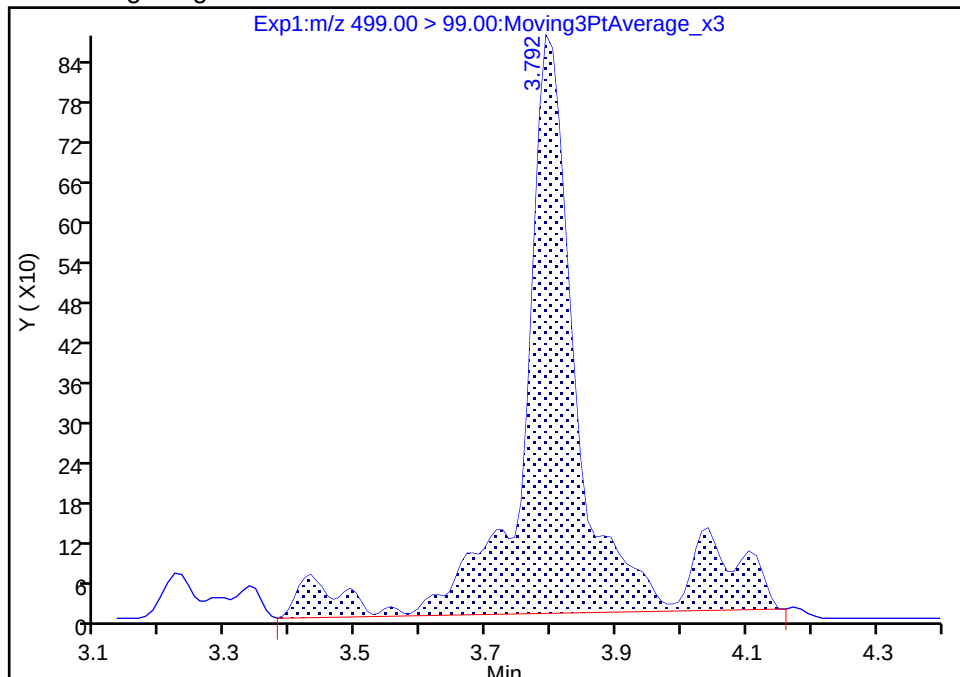
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL11.d
Injection Date: 03-Aug-2022 13:49:21 Instrument ID: LC812
Lims ID: ICB
Client ID:
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 11
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 2

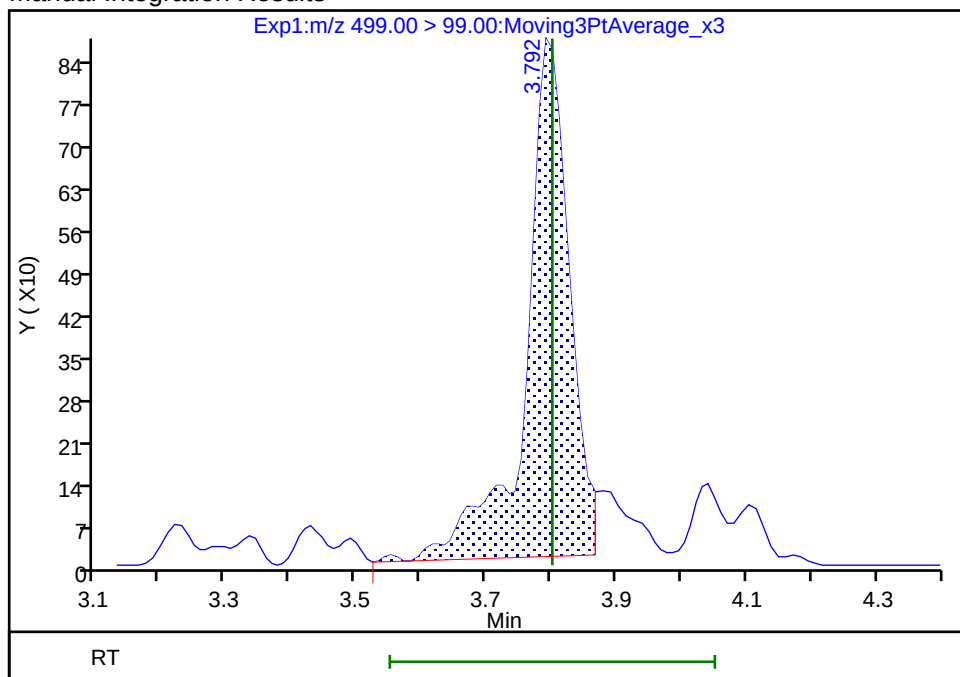
RT: 3.79
Area: 5527
Amount: 0.020402
Amount Units: ng/ml

Processing Integration Results



RT: 3.79
Area: 4033
Amount: 0.002237
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:19:11

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

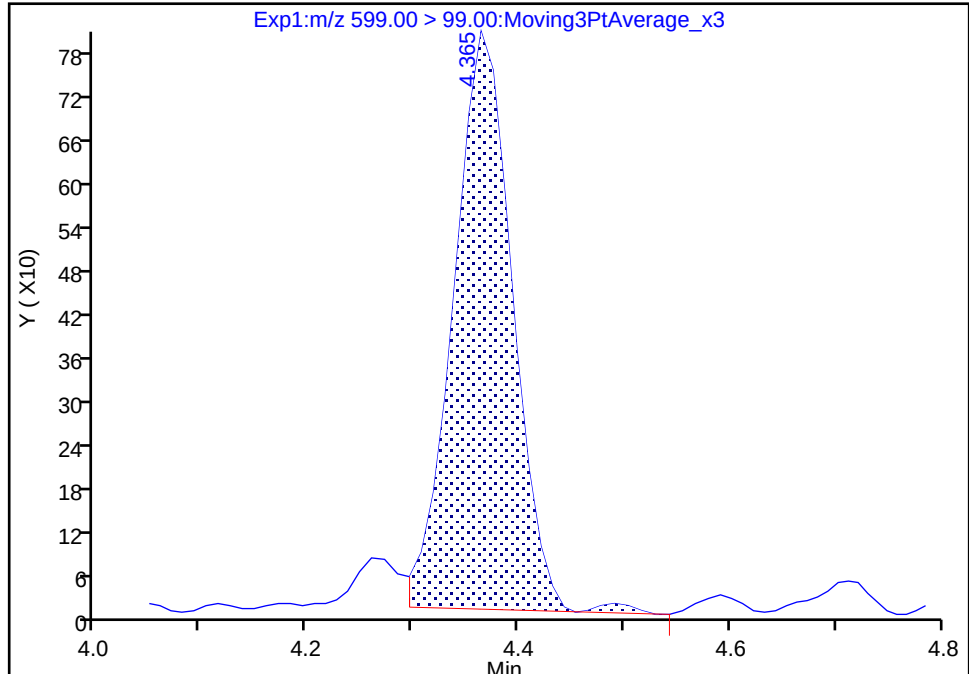
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL11.d
Injection Date: 03-Aug-2022 13:49:21 Instrument ID: LC812
Lims ID: ICB
Client ID:
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 11
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

29 Perfluorodecanesulfonic acid, CAS: 335-77-3

Signal: 2

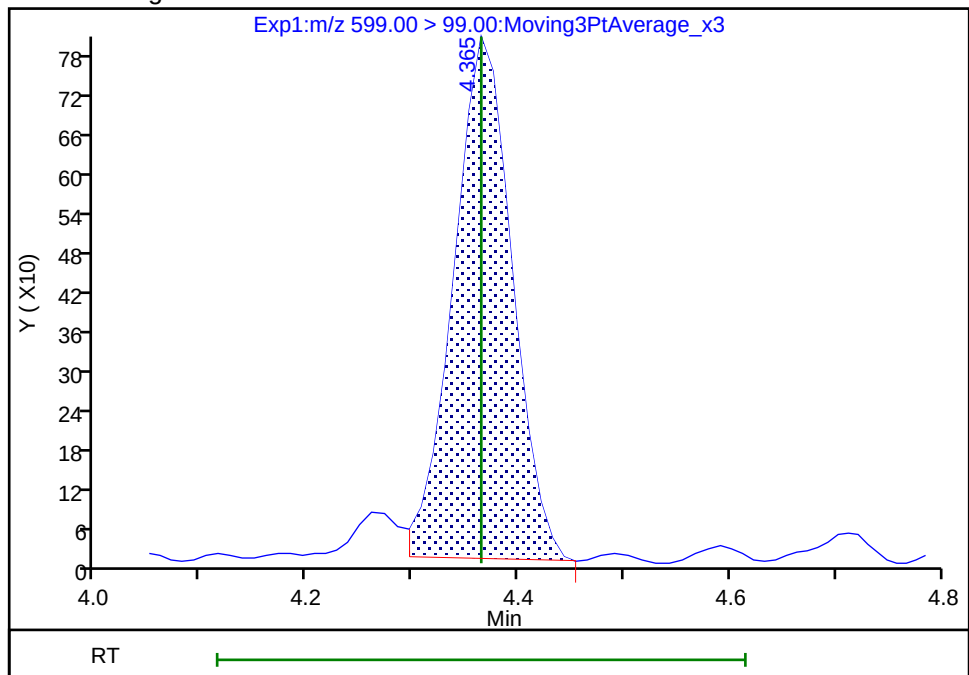
RT: 4.36
Area: 3098
Amount: 0.014613
Amount Units: ng/ml

Processing Integration Results



RT: 4.36
Area: 3067
Amount: 0.014613
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:21:26
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

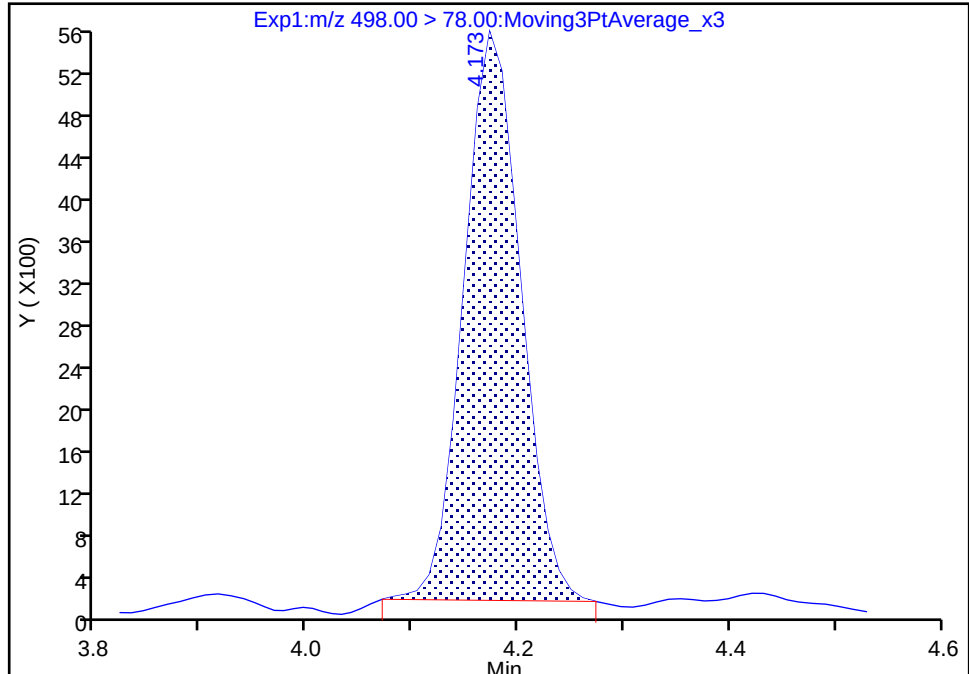
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Injection Date: 03-Aug-2022 13:49:21 Instrument ID: LC812
Lims ID: ICB
Client ID:
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 11
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

22 Perfluorooctanesulfonamide, CAS: 754-91-6

Signal: 1

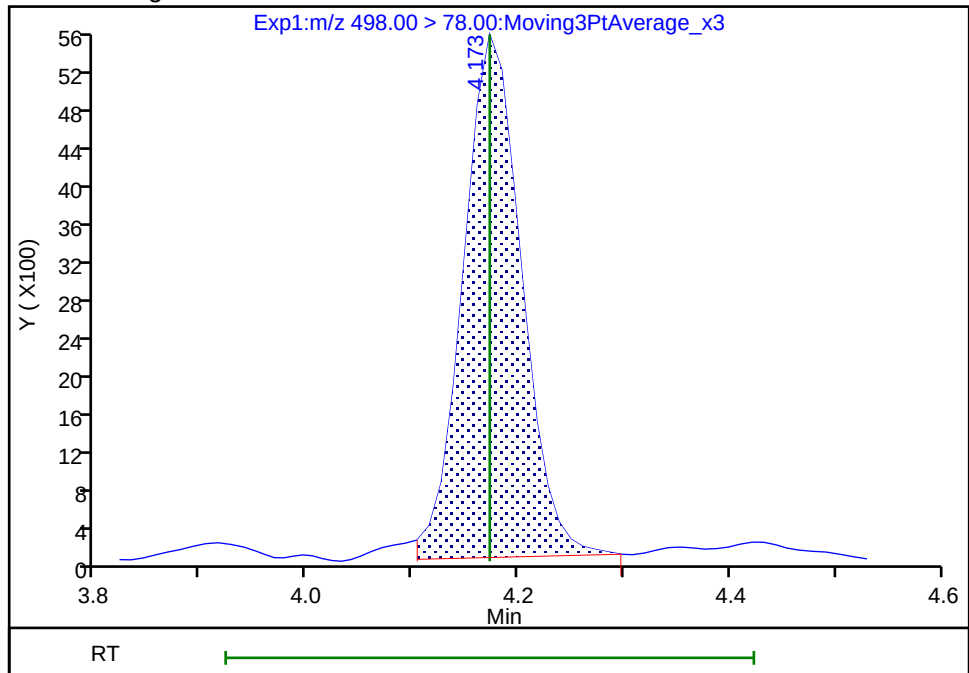
RT: 4.17
Area: 20295
Amount: 0.016879
Amount Units: ng/ml

Processing Integration Results



RT: 4.17
Area: 21149
Amount: 0.017590
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:20:30
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

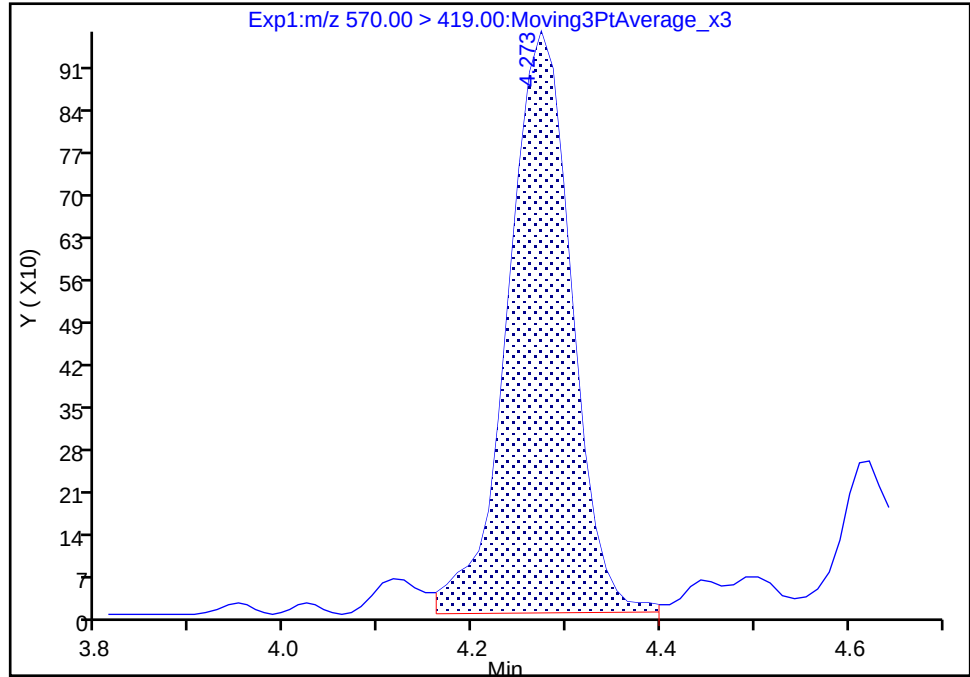
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Injection Date: 03-Aug-2022 13:49:21 Instrument ID: LC812
Lims ID: ICB
Client ID:
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 11
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

28 N-methylperfluorooctanesulfonami, CAS: 2355-31-9

Signal: 1

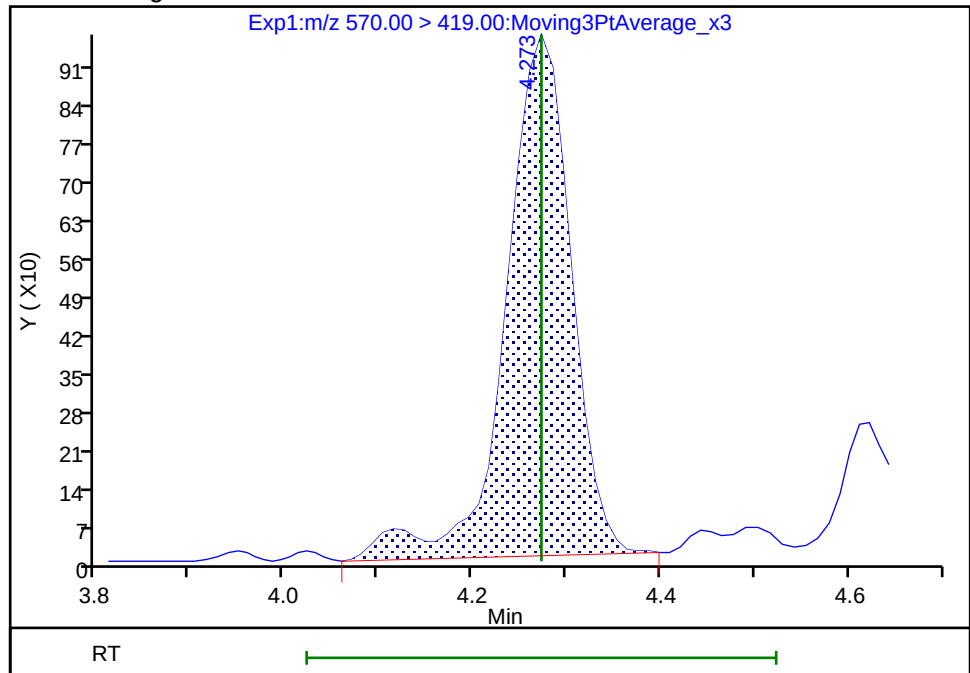
RT: 4.27
Area: 4547
Amount: 0.029158
Amount Units: ng/ml

Processing Integration Results



RT: 4.27
Area: 4635
Amount: 0.029842
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:21:07
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

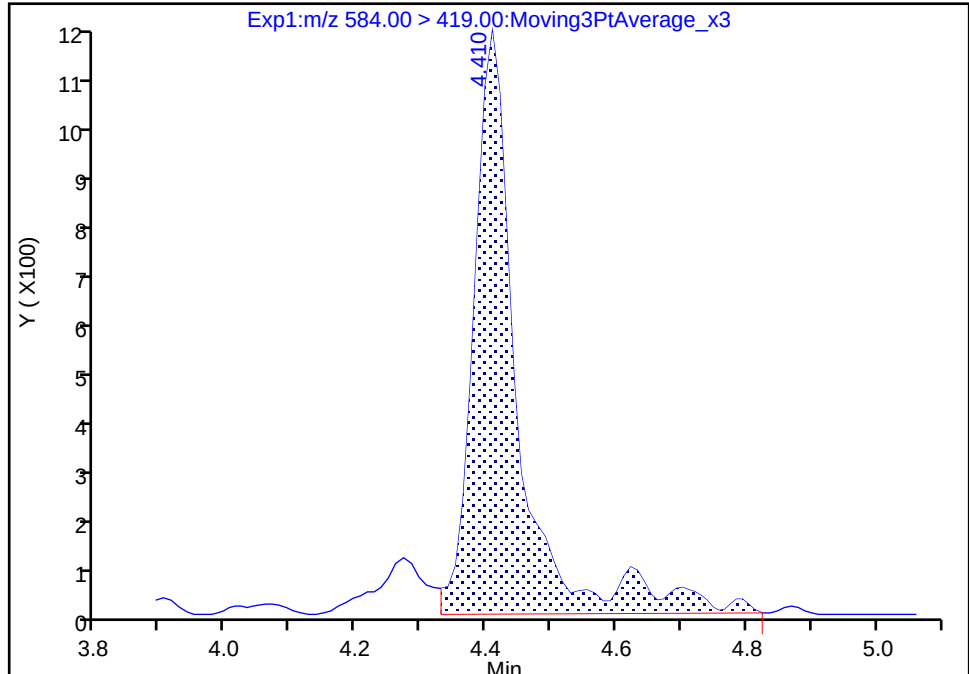
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Injection Date: 03-Aug-2022 13:49:21 Instrument ID: LC812
Lims ID: ICB
Client ID:
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 11
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

33 N-ethylperfluorooctanesulfonamid, CAS: 2991-50-6

Signal: 1

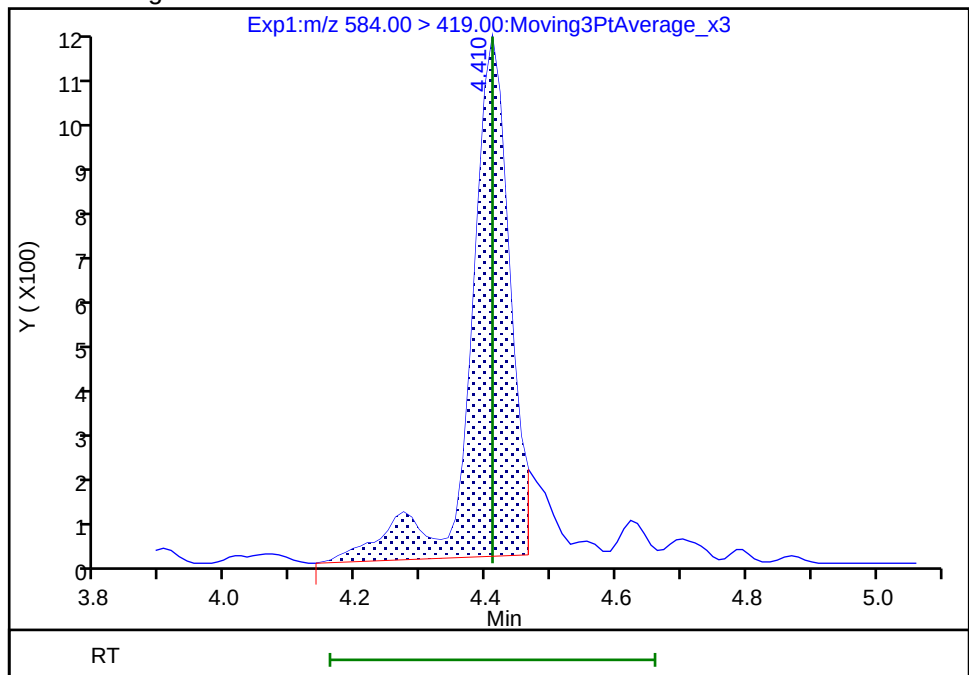
RT: 4.41
Area: 5664
Amount: 0.038806
Amount Units: ng/ml

Processing Integration Results



RT: 4.41
Area: 4914
Amount: 0.033668
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:21:49
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

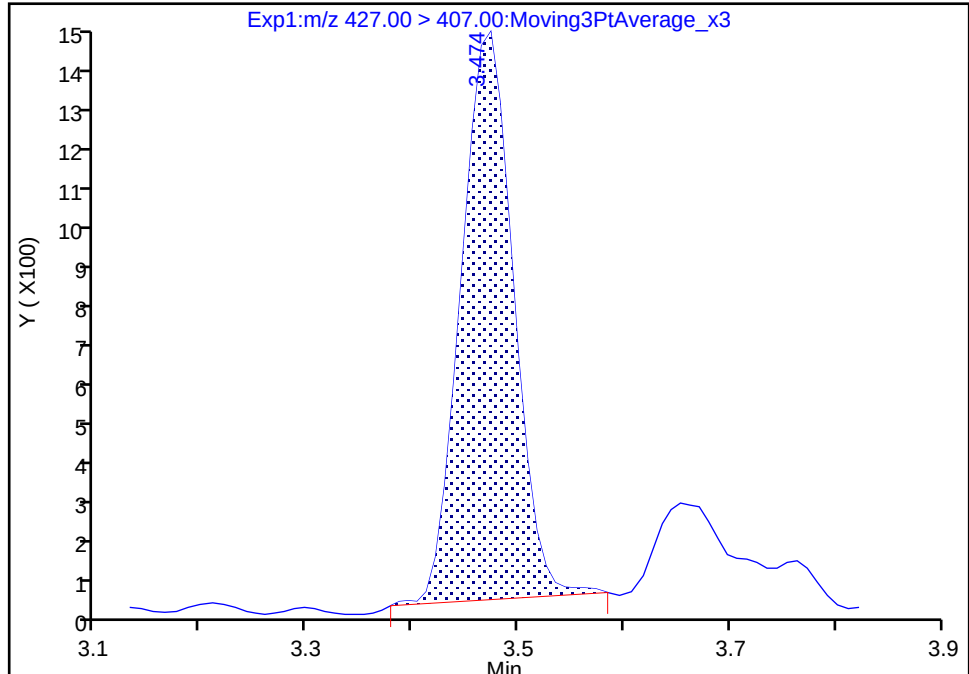
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL11.d
Injection Date: 03-Aug-2022 13:49:21 Instrument ID: LC812
Lims ID: ICB
Client ID:
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 11
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

13 1H,1H,2H,2H-perfluorooctanesulfo, CAS: 27619-97-2

Signal: 1

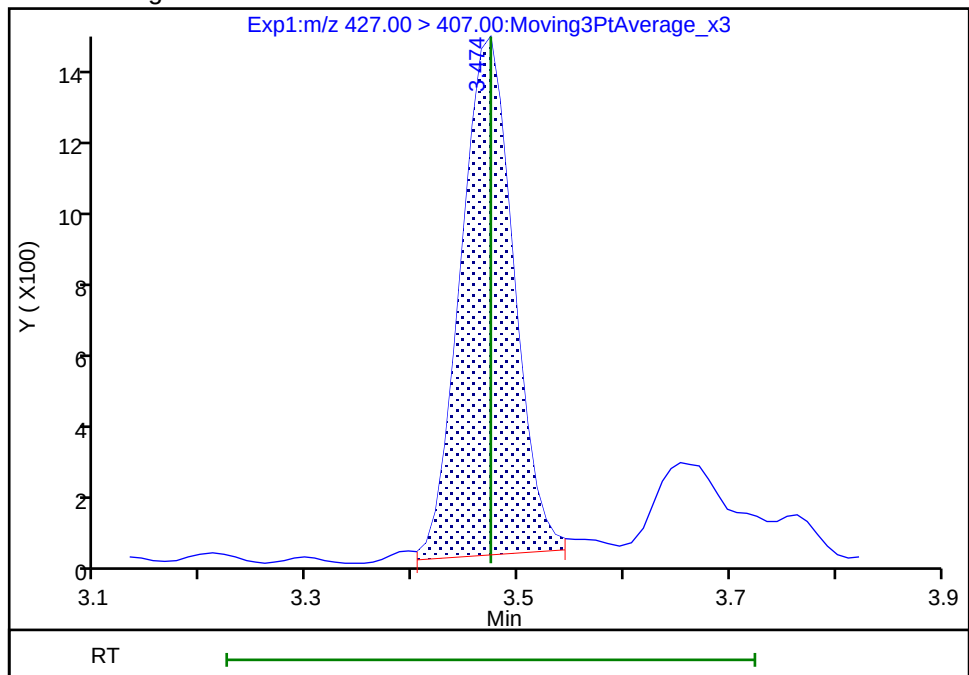
RT: 3.47
Area: 4745
Amount: 0.002733
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 4816
Amount: 0.003025
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:18:14
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

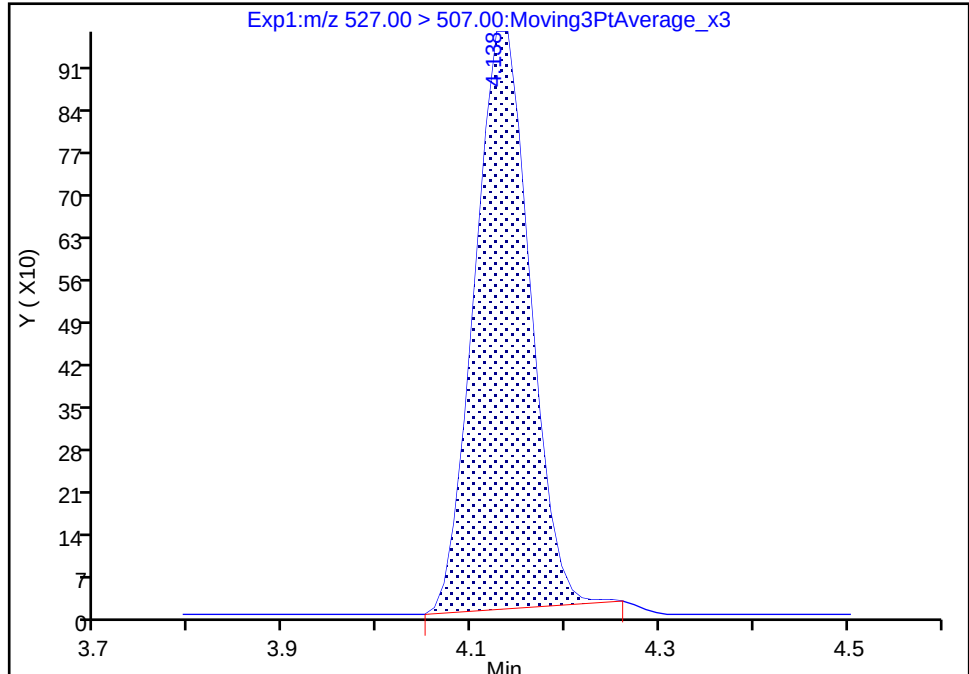
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Injection Date: 03-Aug-2022 13:49:21 Instrument ID: LC812
Lims ID: ICB
Client ID:
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 11
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

25 1H,1H,2H,2H-perfluorodecanesulfo, CAS: 39108-34-4

Signal: 1

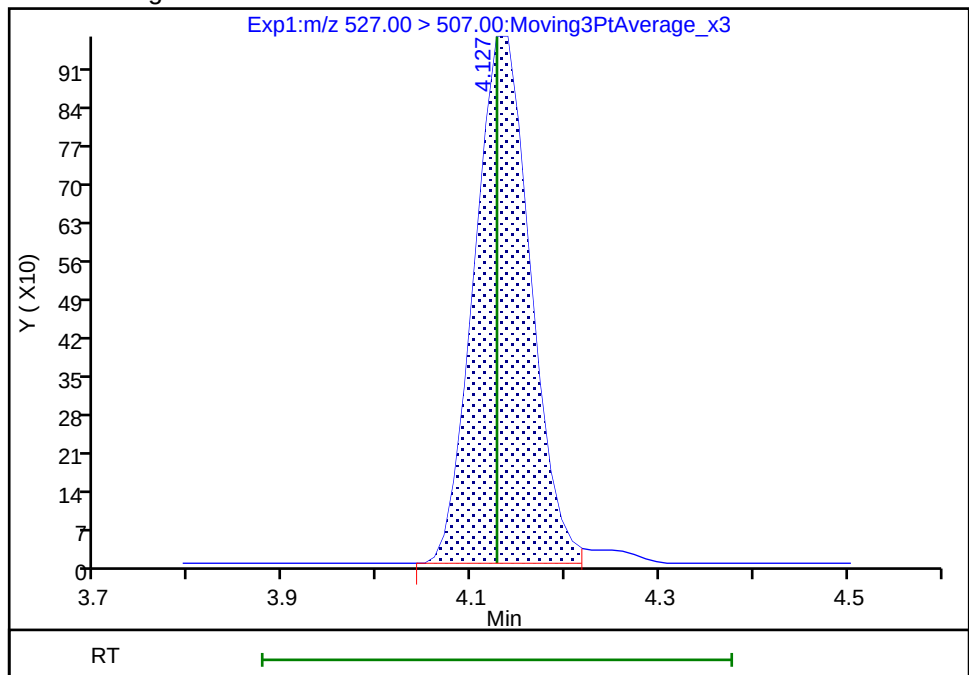
RT: 4.14
Area: 3905
Amount: 0.019460
Amount Units: ng/ml

Processing Integration Results



RT: 4.13
Area: 3981
Amount: 0.019839
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:20:04
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

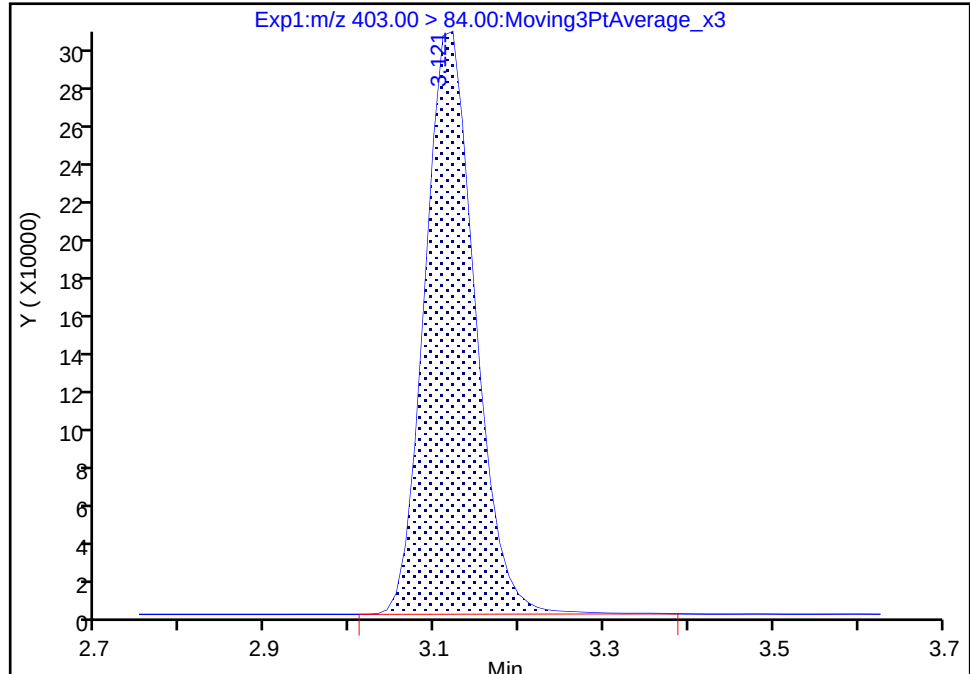
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Injection Date: 03-Aug-2022 13:49:21 Instrument ID: LC812
Lims ID: ICB
Client ID:
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 11
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 11 18O2 PFHxS, CAS: STL00994

Signal: 1

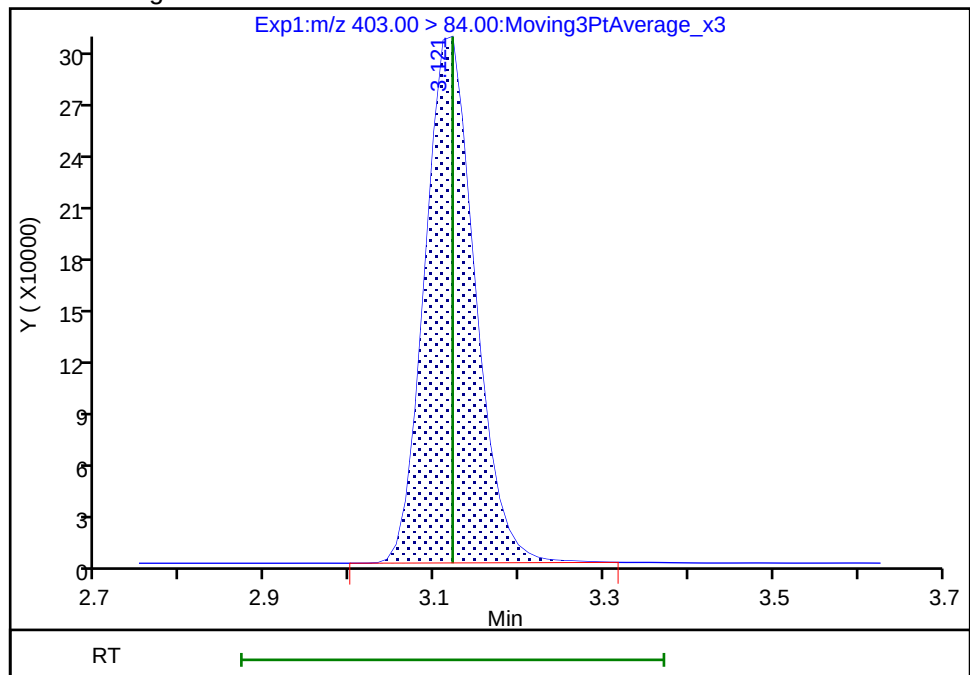
RT: 3.12
Area: 1246622
Amount: 1.226892
Amount Units: ng/ml

Processing Integration Results



RT: 3.12
Area: 1243333
Amount: 1.223655
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:17:10

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

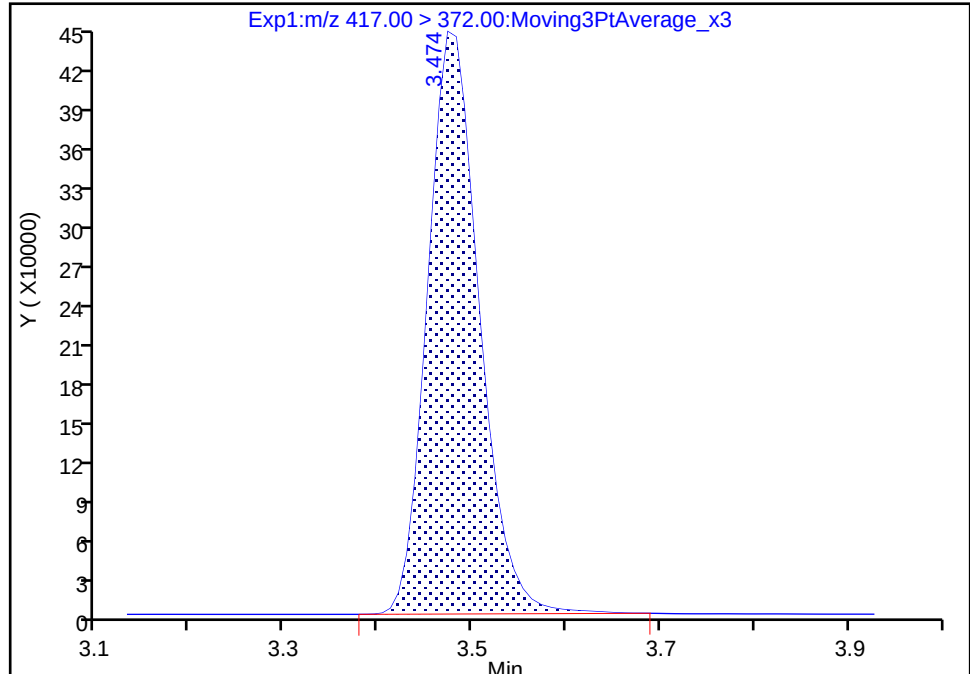
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Injection Date: 03-Aug-2022 13:49:21 Instrument ID: LC812
Lims ID: ICB
Client ID:
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 11
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 14 13C4 PFOA, CAS: STL00990

Signal: 1

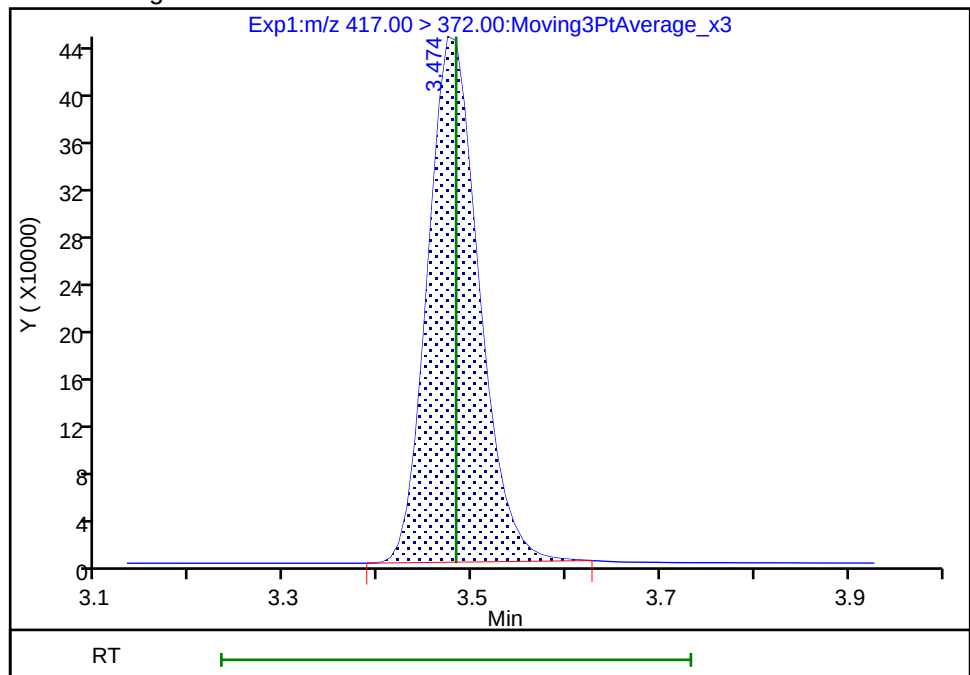
RT: 3.47
Area: 1683402
Amount: 1.270581
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 1670098
Amount: 1.260540
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:18:51
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

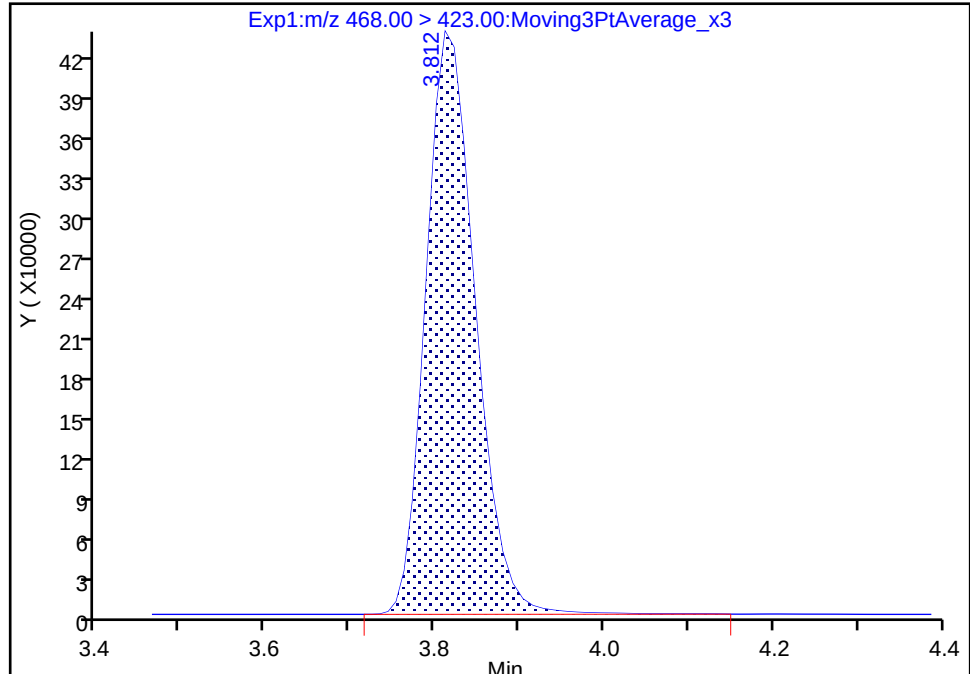
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Injection Date: 03-Aug-2022 13:49:21 Instrument ID: LC812
Lims ID: ICB
Client ID:
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 11
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 19 13C5 PFNA, CAS: STL00995

Signal: 1

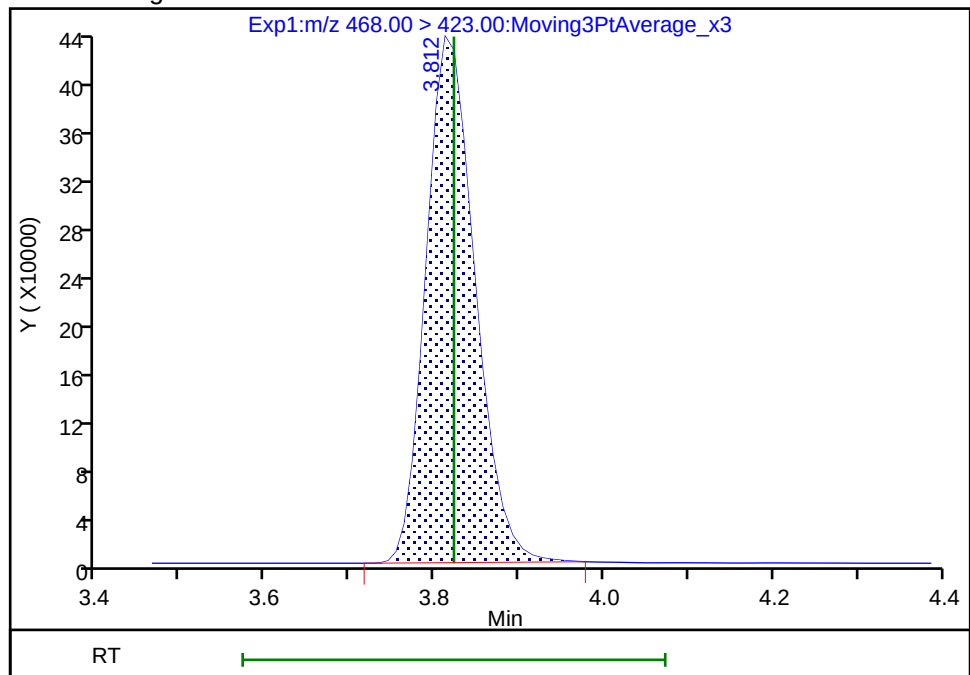
RT: 3.81
Area: 1762565
Amount: 1.281409
Amount Units: ng/ml

Processing Integration Results



RT: 3.81
Area: 1749304
Amount: 1.271768
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:19:26

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

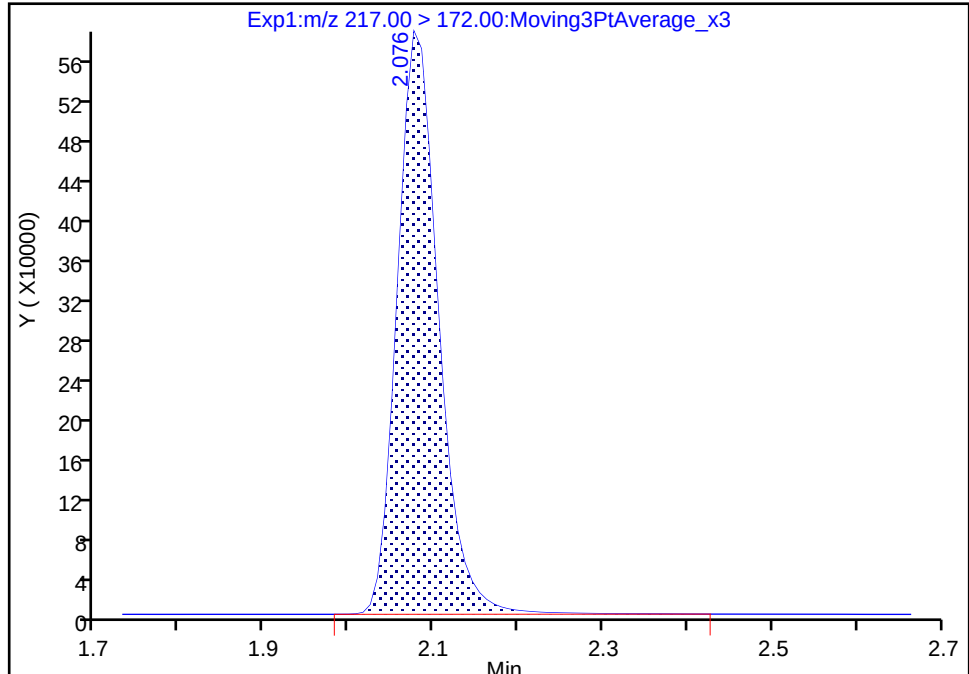
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL11.d
Injection Date: 03-Aug-2022 13:49:21 Instrument ID: LC812
Lims ID: ICB
Client ID:
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 11
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 1 13C4 PFBA, CAS: STL00992

Signal: 1

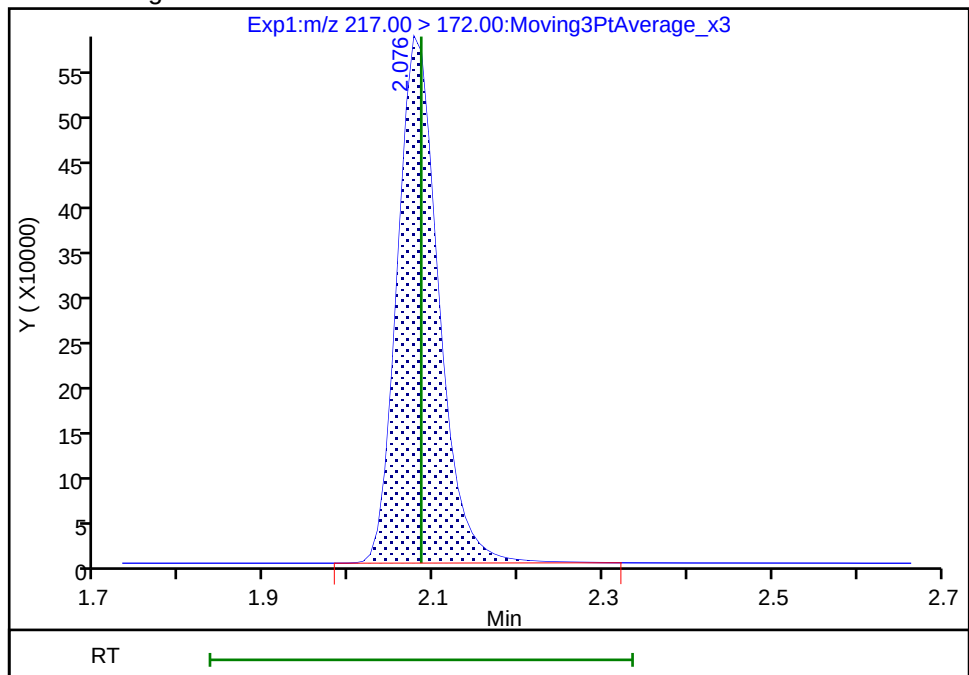
RT: 2.08
Area: 1964772
Amount: 1.210369
Amount Units: ng/ml

Processing Integration Results



RT: 2.08
Area: 1960887
Amount: 1.207976
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:09:26
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

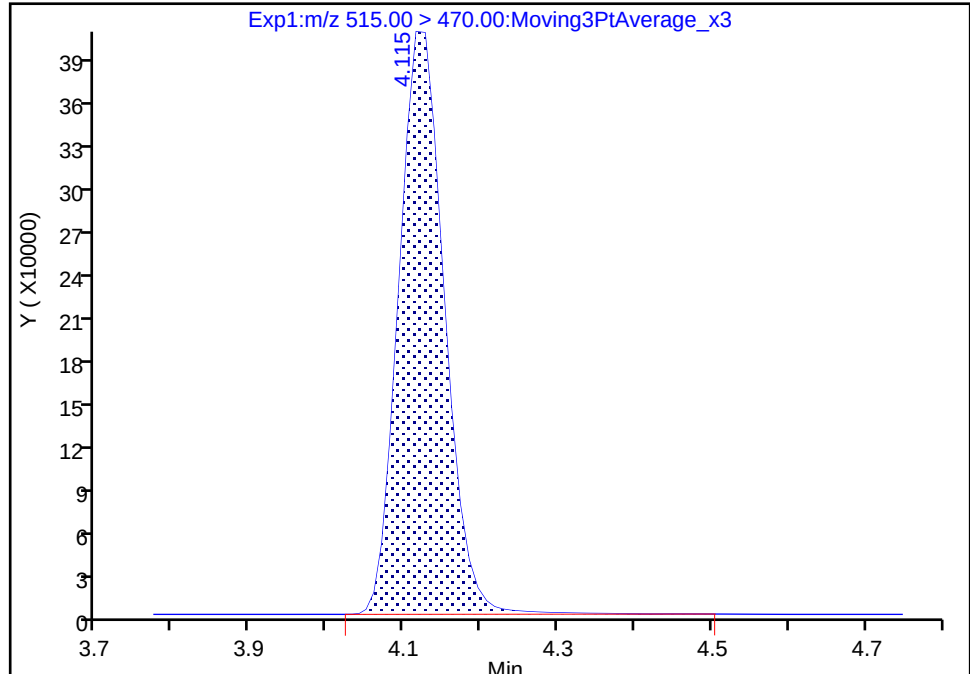
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Injection Date: 03-Aug-2022 13:49:21 Instrument ID: LC812
Lims ID: ICB
Client ID:
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 11
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 23 13C2 PFDA, CAS: STL00996

Signal: 1

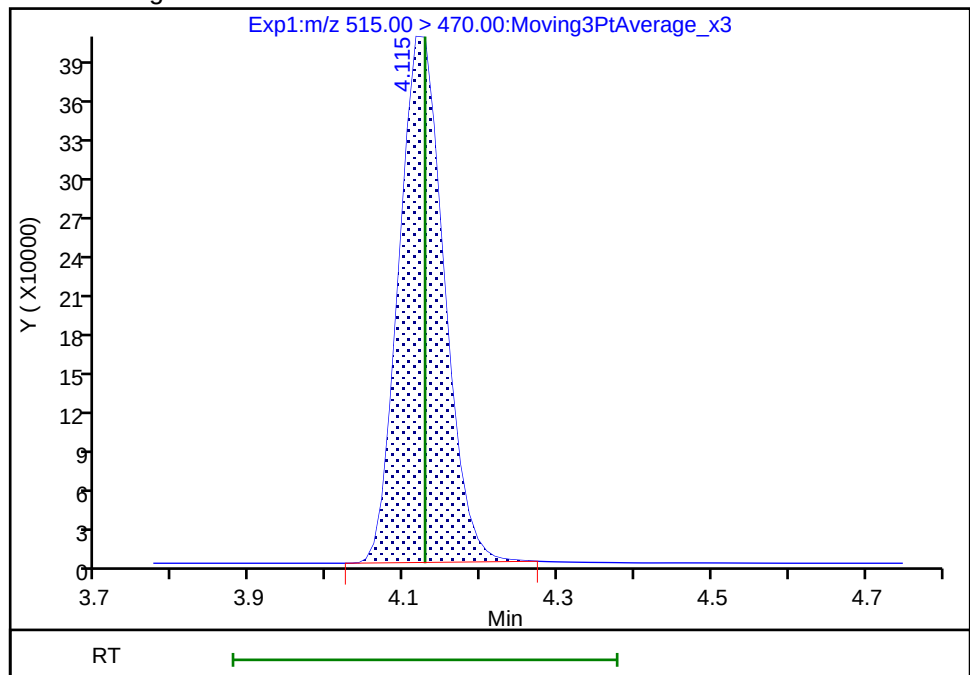
RT: 4.12
Area: 1663534
Amount: 1.242673
Amount Units: ng/ml

Processing Integration Results



RT: 4.12
Area: 1648156
Amount: 1.231185
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:20:15
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

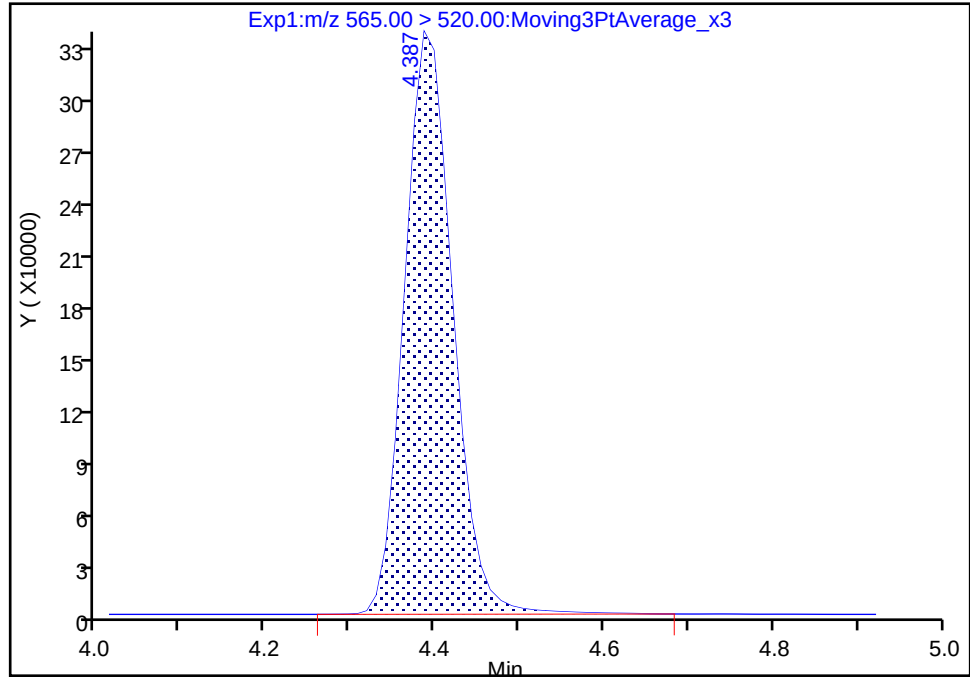
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Injection Date: 03-Aug-2022 13:49:21 Instrument ID: LC812
Lims ID: ICB
Client ID:
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 11
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 30 13C2 PFUnA, CAS: STL00997

Signal: 1

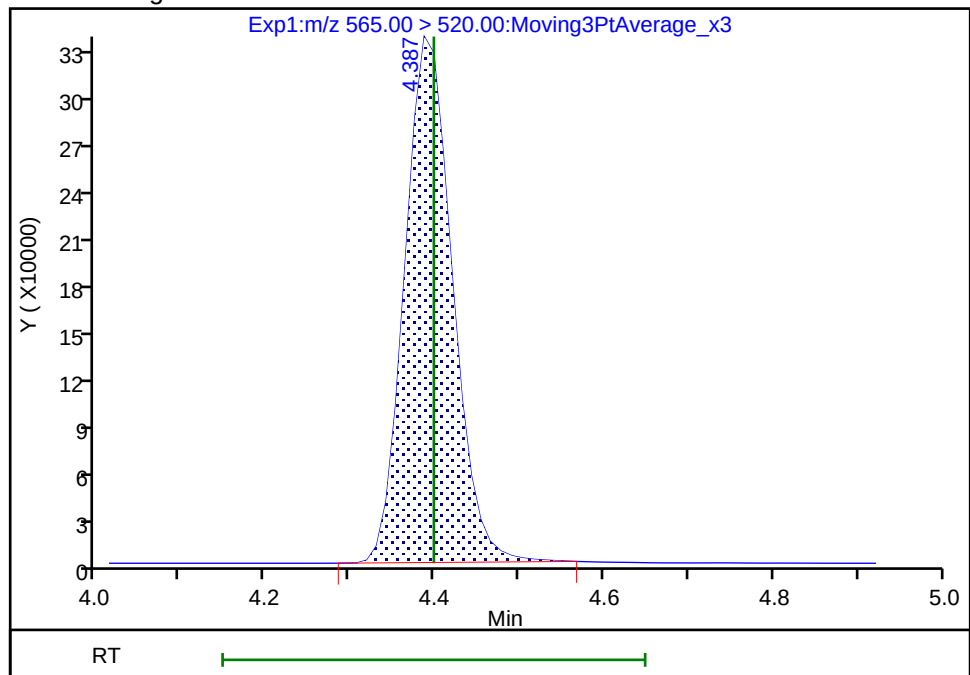
RT: 4.39
Area: 1307700
Amount: 1.289285
Amount Units: ng/ml

Processing Integration Results



RT: 4.39
Area: 1296470
Amount: 1.278214
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:21:39
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

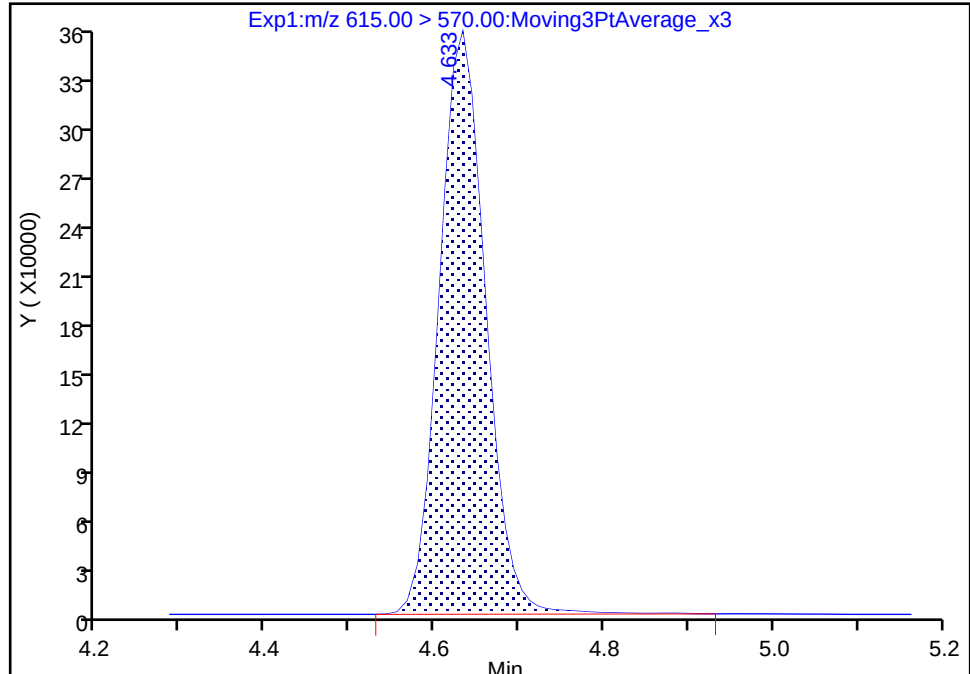
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Injection Date: 03-Aug-2022 13:49:21 Instrument ID: LC812
Lims ID: ICB
Client ID:
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 11
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 36 13C2 PFD_oA, CAS: STL00998

Signal: 1

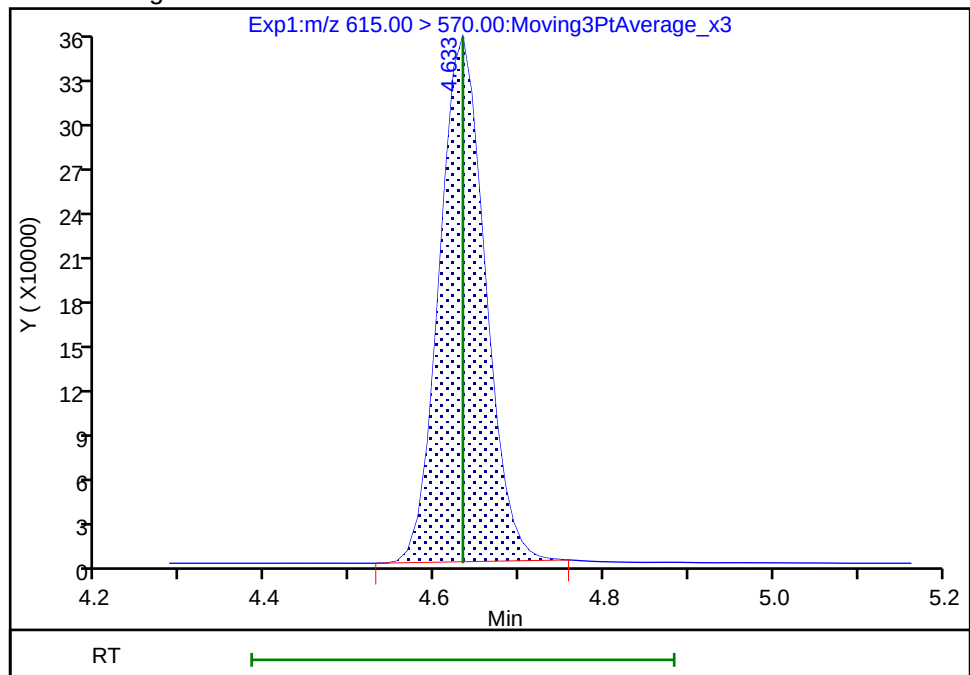
RT: 4.63
Area: 1345417
Amount: 1.280079
Amount Units: ng/ml

Processing Integration Results



RT: 4.63
Area: 1325182
Amount: 1.260827
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:21:57

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

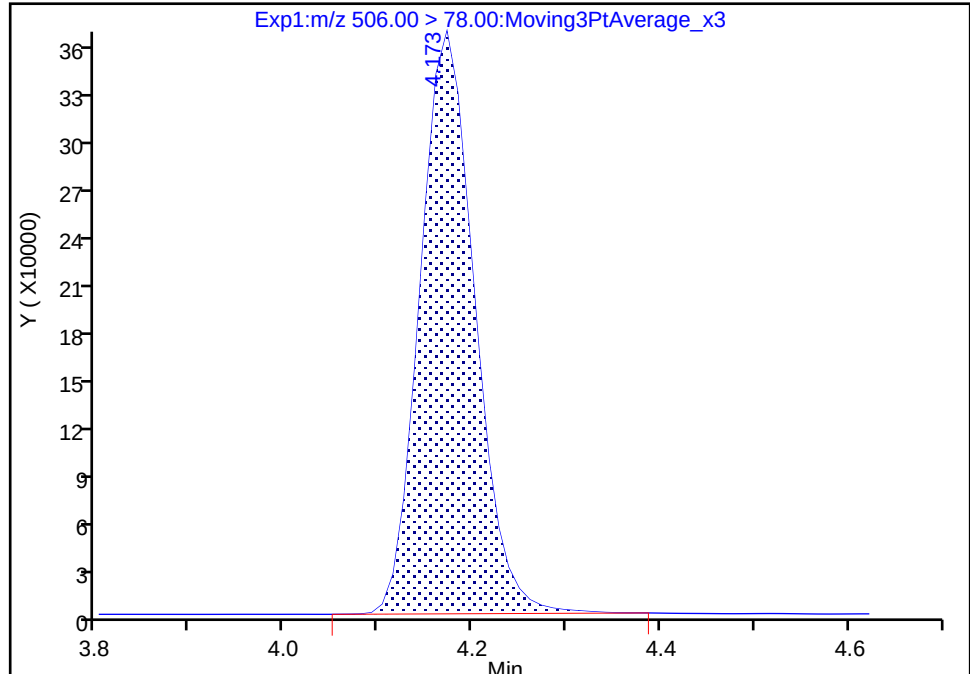
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Injection Date: 03-Aug-2022 13:49:21 Instrument ID: LC812
Lims ID: ICB
Client ID:
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 11
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 21 13C8 FOSA, CAS: STL01056

Signal: 1

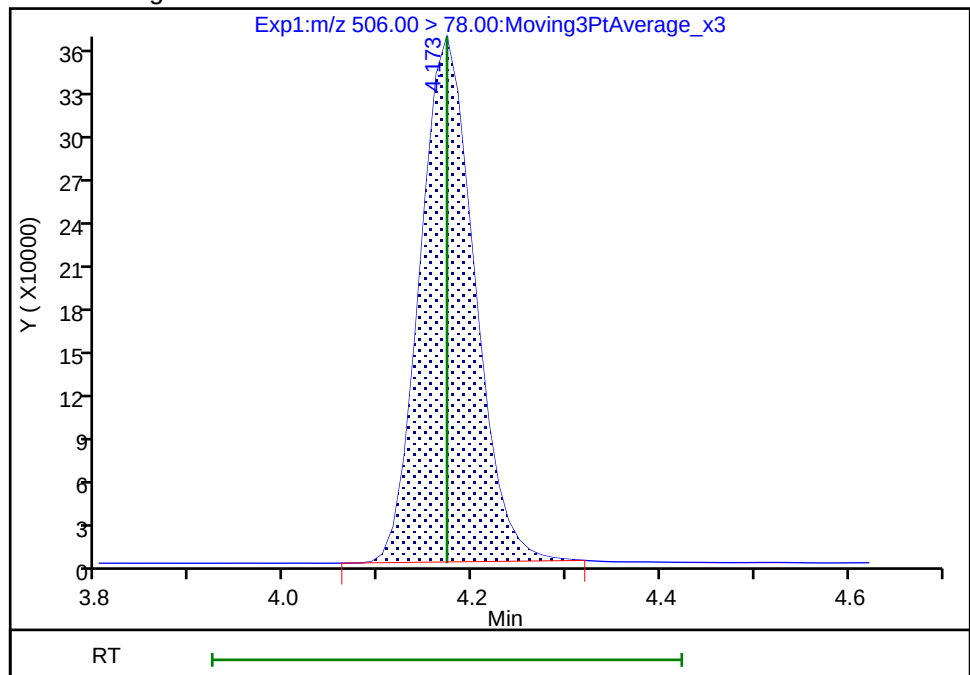
RT: 4.17
Area: 1486276
Amount: 1.268543
Amount Units: ng/ml

Processing Integration Results



RT: 4.17
Area: 1474899
Amount: 1.258832
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:20:22

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

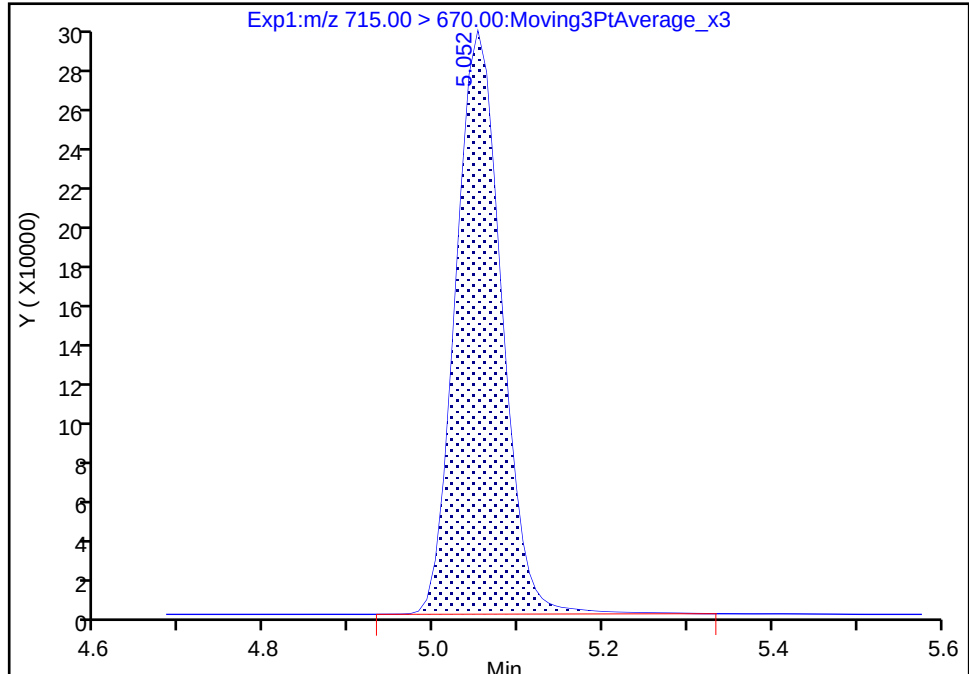
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Injection Date: 03-Aug-2022 13:49:21 Instrument ID: LC812
Lims ID: ICB
Client ID:
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 11
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 43 13C2 PFTeDA, CAS: STL02116

Signal: 1

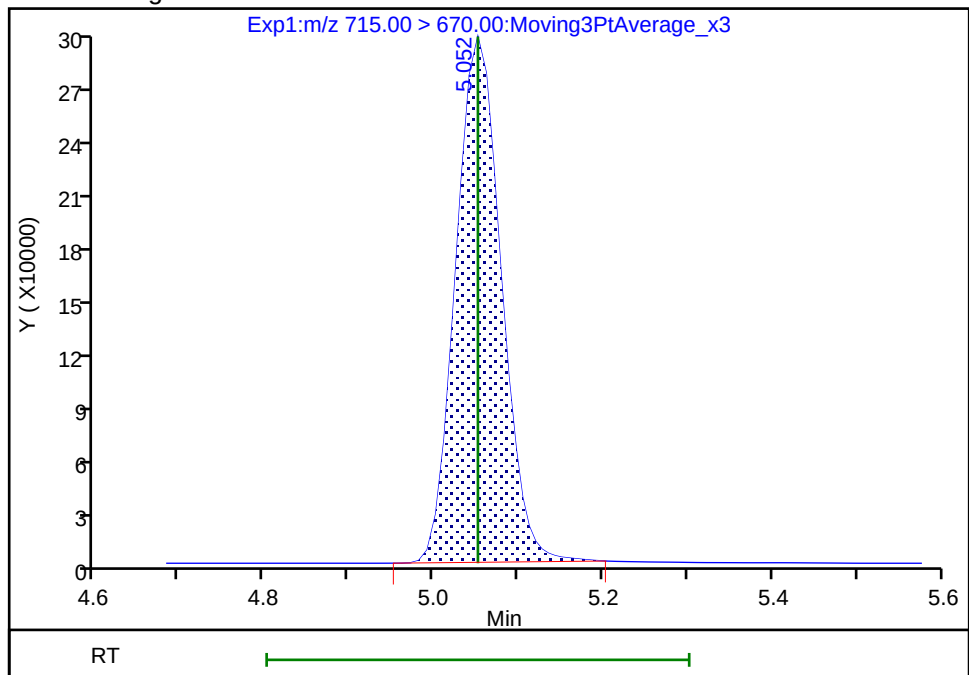
RT: 5.05
Area: 1104105
Amount: 1.285043
Amount Units: ng/ml

Processing Integration Results



RT: 5.05
Area: 1093349
Amount: 1.272525
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:22:11
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

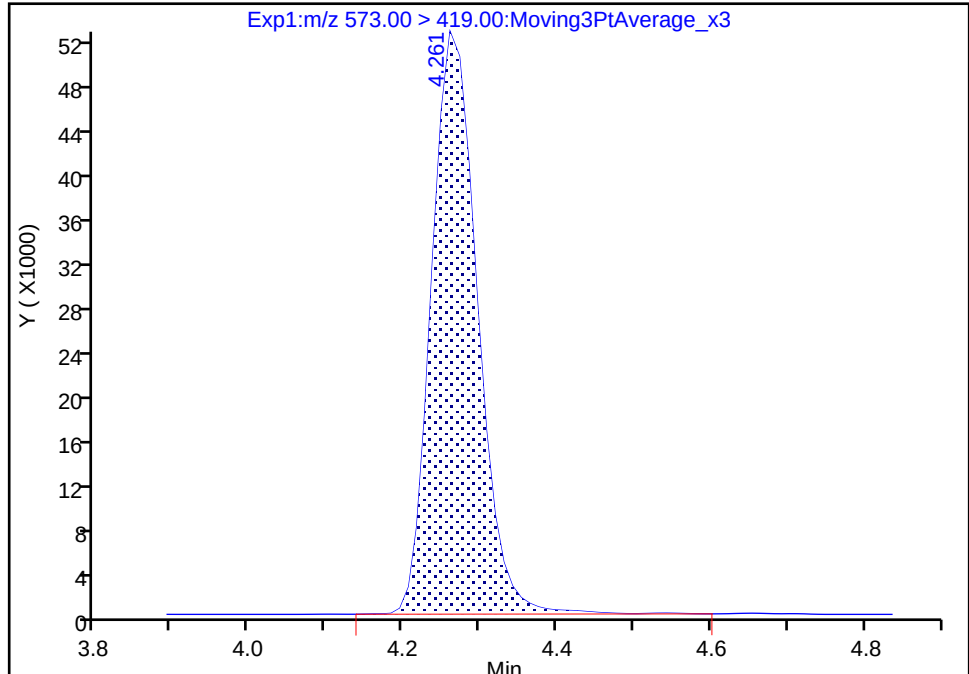
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL11.d
Injection Date: 03-Aug-2022 13:49:21 Instrument ID: LC812
Lims ID: ICB
Client ID:
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 11
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 27 d3-NMeFOSAA, CAS: STL02118

Signal: 1

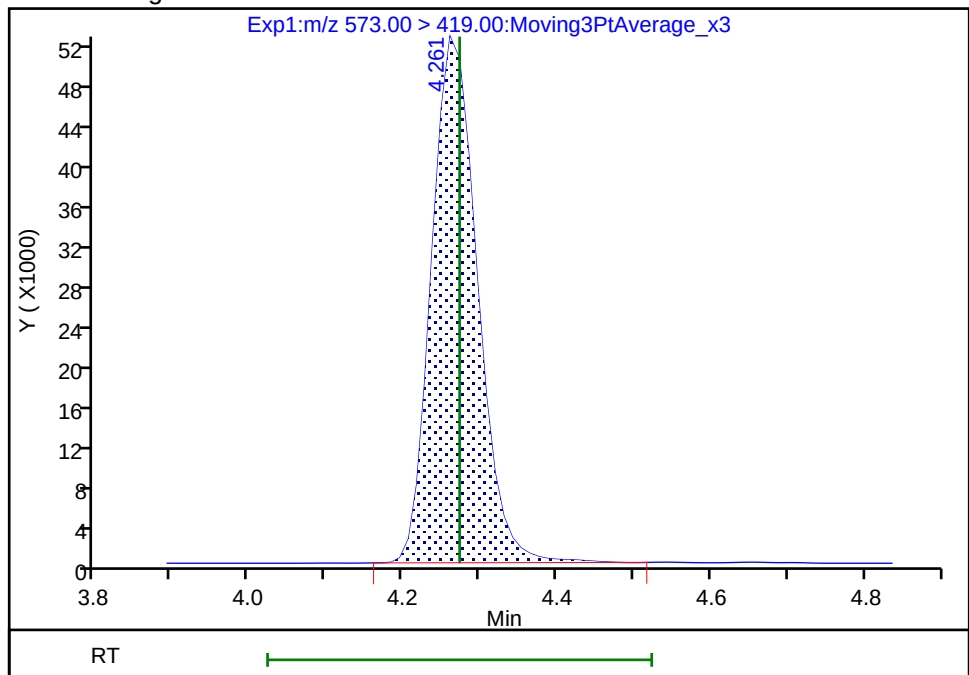
RT: 4.26
Area: 219489
Amount: 1.223294
Amount Units: ng/ml

Processing Integration Results



RT: 4.26
Area: 218608
Amount: 1.218384
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:21:17

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

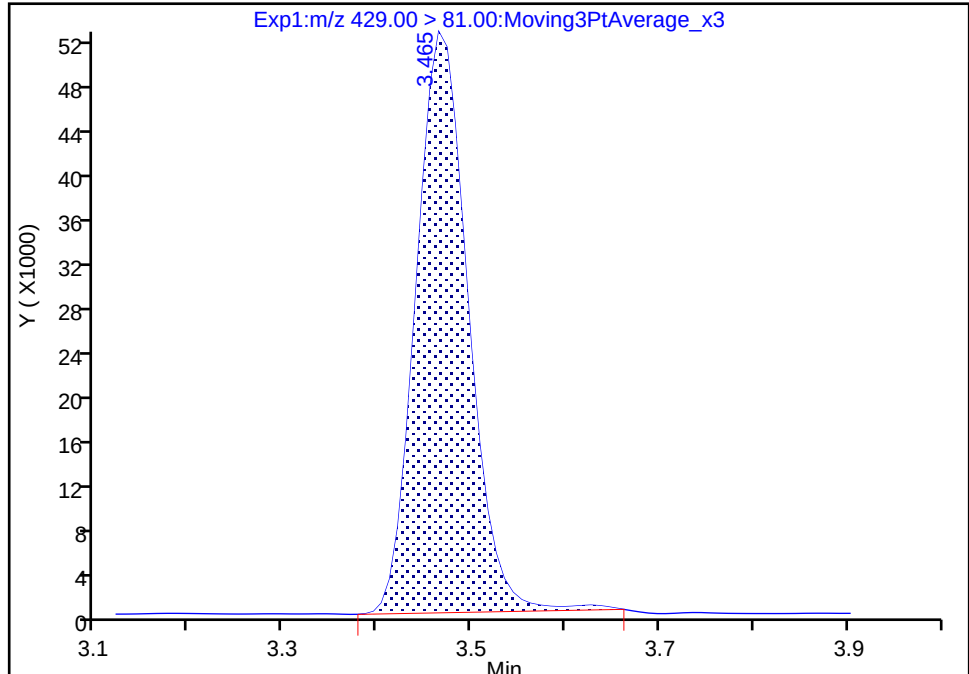
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL11.d
Injection Date: 03-Aug-2022 13:49:21 Instrument ID: LC812
Lims ID: ICB
Client ID:
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 11
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 12 M2-6:2 FTS, CAS: STL02279

Signal: 1

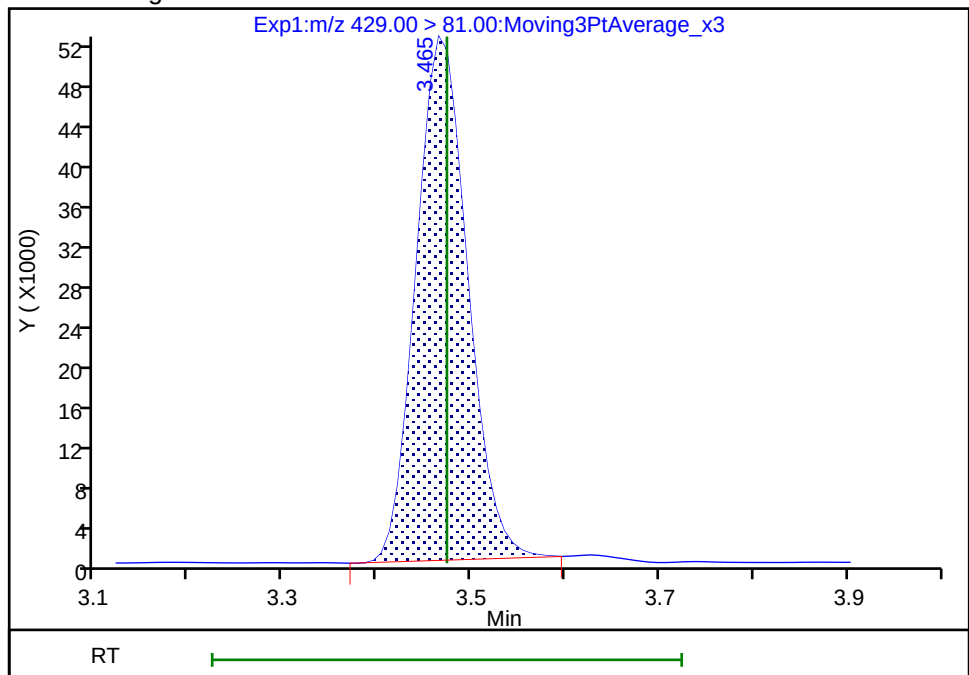
RT: 3.46
Area: 201424
Amount: 1.184406
Amount Units: ng/ml

Processing Integration Results



RT: 3.46
Area: 197884
Amount: 1.163590
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:17:59

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

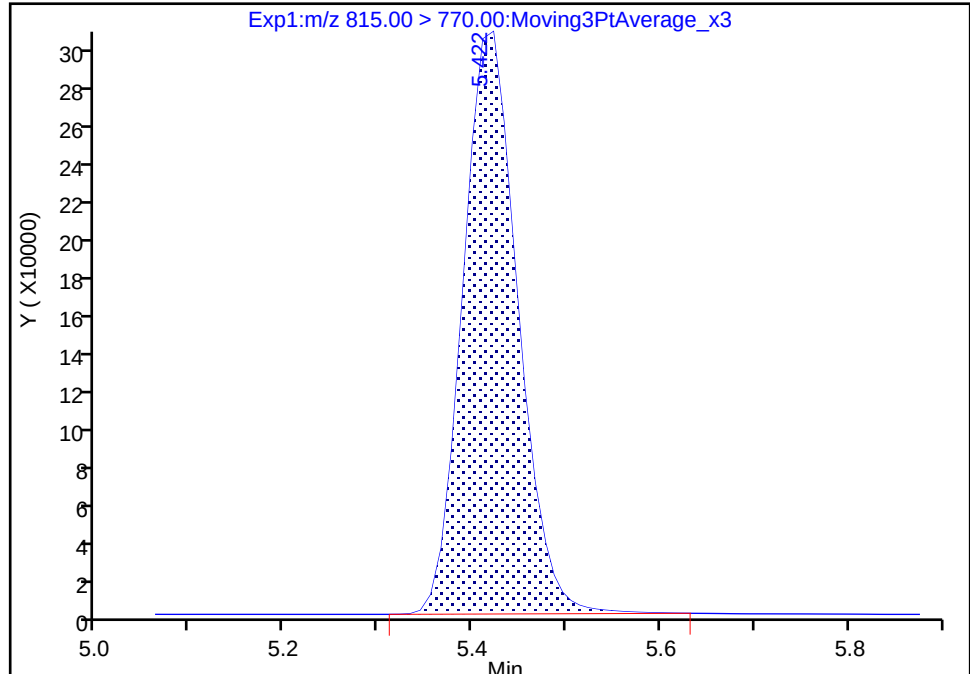
Data File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL11.d
Injection Date: 03-Aug-2022 13:49:21 Instrument ID: LC812
Lims ID: ICB
Client ID:
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 11
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 44 13C2 PFHxDA, CAS: STL02115

Signal: 1

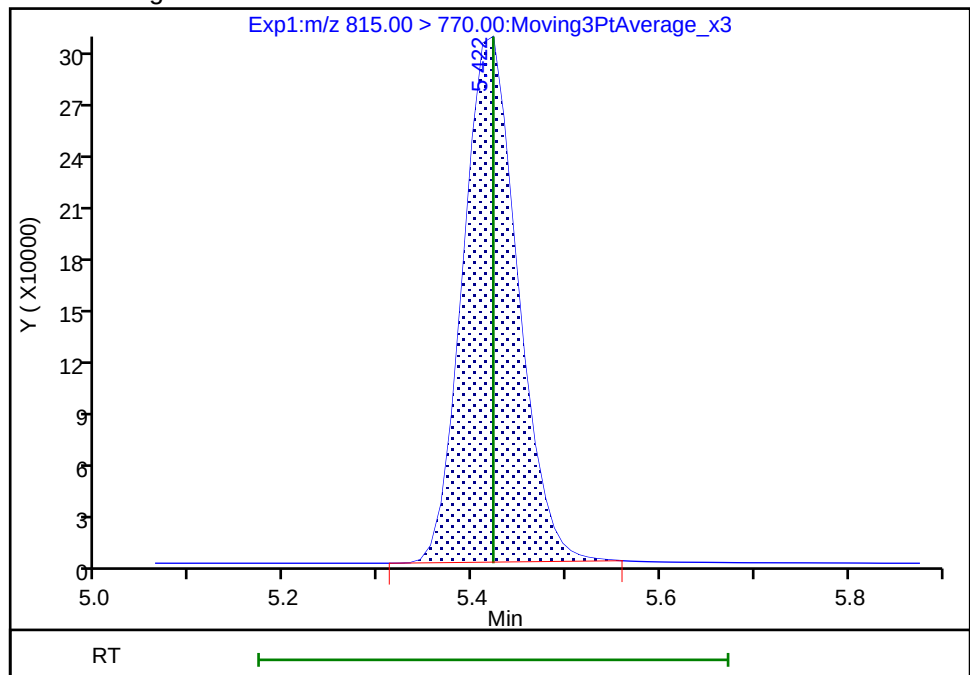
RT: 5.42
Area: 1229467
Amount: 1.256183
Amount Units: ng/ml

Processing Integration Results



RT: 5.42
Area: 1220279
Amount: 1.246795
Amount Units: ng/ml

Manual Integration Results



Reviewer: Z1IP, 03-Aug-2022 15:22:17

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 460-262853-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 200-182357/2-A
 Matrix: Solid Lab File ID: PA220804D03.d
 Analysis Method: 537 (modified) Date Collected: _____
 Extraction Method: SHAKE Date Extracted: 08/04/2022 08:35
 Sample wt/vol: 5.00 (g) Date Analyzed: 08/04/2022 20:50
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1
 Injection Volume: 20 (uL) GC Column: C-18 ID: 4.6 (mm)
 % Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
 Cleanup Factor: _____
 Analysis Batch No.: 182390 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	1.937		0.50	0.33
2706-90-3	Perfluoropentanoic acid (PFPeA)	1.981		0.20	0.055
307-24-4	Perfluorohexanoic acid (PFHxA)	2.020		0.20	0.046
375-85-9	Perfluoroheptanoic acid (PFHpA)	1.953		0.20	0.039
335-67-1	Perfluorooctanoic acid (PFOA)	2.002		0.20	0.058
375-95-1	Perfluorononanoic acid (PFNA)	1.885		0.20	0.034
335-76-2	Perfluorodecanoic acid (PFDA)	1.975		0.20	0.028
2058-94-8	Perfluoroundecanoic acid (PFUnA)	1.942		0.20	0.027
307-55-1	Perfluorododecanoic acid (PFDoA)	2.022		0.20	0.025
72629-94-8	Perfluorotridecanoic acid (PFTriA)	2.119		0.20	0.025
376-06-7	Perfluorotetradecanoic acid (PFTeA)	2.079		0.20	0.026
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1.755		0.20	0.033
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1.765		0.20	0.041
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	2.024		0.20	0.023
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1.871		0.20	0.11
335-77-3	Perfluorodecanesulfonic acid (PFDS)	1.402		0.20	0.019
754-91-6	Perfluorooctanesulfonamide (FOSA)	1.944		0.20	0.034
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.104		2.00	0.11
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.924	J	2.00	0.083
27619-97-2	6:2 FTS	1.986	J	2.00	0.057
39108-34-4	8:2 FTS	1.901	J	2.00	0.037

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 460-262853-1
 SDG No.: _____
 Client Sample ID: _____ Lab Sample ID: LCS 200-182357/2-A
 Matrix: Solid Lab File ID: PA220804D03.d
 Analysis Method: 537 (modified) Date Collected: _____
 Extraction Method: SHAKE Date Extracted: 08/04/2022 08:35
 Sample wt/vol: 5.00 (g) Date Analyzed: 08/04/2022 20:50
 Con. Extract Vol.: 10 (mL) Dilution Factor: 1
 Injection Volume: 20 (uL) GC Column: C-18 ID: 4.6 (mm)
 % Moisture: _____ % Solids: _____ GPC Cleanup: (Y/N) N
 Cleanup Factor: _____
 Analysis Batch No.: 182390 Units: ug/Kg

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00994	18O2 PFHxS	87		50-150
STL01892	13C4 PFHpA	91		50-150
STL00990	13C4 PFOA	94		50-150
STL00991	13C4 PFOS	80		50-150
STL00995	13C5 PFNA	90		50-150
STL00992	13C4 PFBA	92		50-150
STL00993	13C2 PFHxA	90		50-150
STL00996	13C2 PFDA	82		50-150
STL00997	13C2 PFUnA	69		50-150
STL00998	13C2 PFDoA	64		50-150
STL01056	13C8 FOSA	61		50-150
STL01893	13C5 PFPeA	93		50-150
STL02116	13C2 PFTeDA	82		50-150
STL02118	d3-NMeFOSAA	58		50-150
STL02117	d5-NEtFOSAA	55		50-150
STL02279	M2-6:2 FTS	91		50-150
STL02280	M2-8:2 FTS	81		50-150
STL02337	13C3 PFBS	87		50-150

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d
 Lims ID: LCS 200-182357/2-A
 Client ID:
 Sample Type: LCS
 Inject. Date: 04-Aug-2022 20:50:28 ALS Bottle#: 3 Worklist Smp#: 3
 Injection Vol: 20.0 ul Dil. Factor: 1.0000
 Sample Info: LCS 200-182357/2-A
 Misc. Info.: 200-0051964-003 Plate: 1 Rack: 4
 Operator ID: lc812tech Instrument ID: LC812
 Method: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PFC_LC812.m
 Limit Group: LC_PFC_ICAL
 Last Update: 08-Aug-2022 12:19:05 Calib Date: 03-Aug-2022 13:41:11
 Integrator: Picker
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
 Column 1 : C-18 (4.60 mm) Det: EXP1
 Process Host: CTX1679

First Level Reviewer: khanphomeea

Date: 05-Aug-2022 11:26:52

Ratio Calibration: Initial Calibration Level: 4

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										M
217.00 > 172.00	2.076	2.076	0.0	0.599	1990177	1.16		92.5	5699	M
2 Perfluorobutanoic acid										M
212.90 > 169.00	2.076	2.085	-0.009	1.000	1495569	0.9687		96.9	148	M
D 3 13C5 PFPeA										
267.90 > 223.00	2.387	2.400	-0.013	0.689	1543022	1.17		93.2	2775	
4 Perfluoropentanoic acid										M
262.90 > 219.00	2.387	2.400	-0.013	1.000	1260667	0.99		99.1	42.4	M
D 47 13C3 PFBS										M
301.90 > 80.00	2.400	2.413	-0.013	0.693	1555480	1.02		87.3	243808	M
5 Perfluorobutanesulfonic acid										M
298.90 > 80.00	2.400	2.413	-0.013	1.000	1295904	0.8774	Target=2.23	99.3	1111	M
298.90 > 99.00	2.400	2.413	-0.013	1.000	591214		2.19(1.11-3.34)		344	
D 60 M2-4:2 FTS										M
329.00 > 81.00	2.689	2.713	-0.024	0.776	129788	0.9839		84.3	127	M
61 1H,1H,2H,2H-perfluorohexanesulfo										M
327.00 > 307.00	2.689	2.713	-0.024	1.000	277568	1.05		112	2026	M
6 Perfluorohexanoic acid										M
313.00 > 269.00	2.738	2.750	-0.012	1.004	1252231	1.01	Target=12.24	101	232	M
313.00 > 119.00	2.738	2.750	-0.012	1.004	92702		13.51(6.12-18.36)		150	M
D 7 13C2 PFHxA										M
315.00 > 270.00	2.725	2.750	-0.025	0.787	1485203	1.12		89.9	2660	M
70 Perfluoropentanesulfonic acid										M
349.00 > 80.00	2.738	2.750	-0.012	0.883	1095033	0.9023	Target=2.95	96.2	998	M
349.00 > 99.00	2.738	2.750	-0.012	0.883	371162		2.95(1.48-4.43)		561	M
D 64 13C3 HFPO-DA										
287.00 > 169.00	2.847	2.859	-0.012	0.822	286120	1.15		92.0	1482	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
67 Perfluoro(2-propoxypropanoic) ac										M
285.00 > 169.00	2.847	2.859	-0.012	1.000	231414	0.9409		94.1	1468	M
D 11 18O2 PFHxS										M
403.00 > 84.00	3.099	3.110	-0.011	0.894	1106857	1.03		86.9	2115	M
8 Perfluorohexanesulfonic acid										M
399.00 > 80.00	3.099	3.110	-0.011	1.000	911059	0.8825	Target=3.43	97.0	1165	M
399.00 > 99.00	3.099	3.110	-0.011	1.000	255371		3.57(1.72-5.15)		278	M
D 9 13C4 PFHpA										M
367.00 > 322.00	3.110	3.121	-0.011	0.897	1562894	1.14		91.2	1780	M
10 Perfluoroheptanoic acid										M
363.00 > 319.00	3.110	3.121	-0.011	1.000	1258379	0.9766	Target=3.73	97.7	316	M
363.00 > 169.00	3.110	3.121	-0.011	1.000	332223		3.79(1.86-5.59)		549	M
77 DONA										M
377.00 > 251.00	3.143	3.154	-0.011	0.831	2767384	1.04	Target=2.84	110	2026	M
377.00 > 85.00	3.143	3.154	-0.011	0.831	995569		2.78(1.42-4.26)		916	M
D 12 M2-6:2 FTS										M
429.00 > 81.00	3.456	3.465	-0.009	0.997	194272	1.08		90.7	472	M
13 1H,1H,2H,2H-perfluorooctanesulfo										M
427.00 > 407.00	3.456	3.465	-0.009	1.000	240790	0.99		105	664	M
16 Perfluoroheptanesulfonic acid										M
449.00 > 80.00	3.448	3.465	-0.017	0.911	808726	1.01	Target=4.89	106	1399	M
449.00 > 99.00	3.448	3.465	-0.017	0.911	163133		4.96(2.44-7.33)		691	M
15 Perfluorooctanoic acid										M
413.00 > 369.00	3.465	3.474	-0.009	1.000	1479466	1.00	Target=2.67	100	178	M
413.00 > 169.00	3.465	3.474	-0.009	1.000	544520		2.72(1.34-4.01)		676	M
D 14 13C4 PFOA										M
417.00 > 372.00	3.465	3.474	-0.009	1.000	1647471	1.17		93.8	1815	M
* 62 13C2 PFOA										M
415.00 > 370.00	3.465	3.474	-0.009		1843988	1.25			1514	M
17 Perfluorooctanesulfonic acid										M
499.00 > 80.00	3.783	3.792	-0.009	1.000	613724	0.9355	Target=4.88	101	540	M
499.00 > 99.00	3.783	3.792	-0.009	1.000	132751		4.62(2.44-7.32)		506	M
D 18 13C4 PFOS										
503.00 > 80.00	3.783	3.792	-0.009	1.092	772730	0.9603		80.4	2250	
20 Perfluorononanoic acid										
463.00 > 419.00	3.802	3.812	-0.010	1.000	1252342	0.9425	Target=8.23	94.3	419	
463.00 > 169.00	3.802	3.812	-0.010	1.000	161702		7.74(4.11-12.34)		1307	
D 19 13C5 PFNA										
468.00 > 423.00	3.802	3.812	-0.010	1.097	1632342	1.12		89.5	2762	
69 9-Chlorohexadecafluoro-3-oxanona										M
531.00 > 351.00	3.951	3.960	-0.009	1.044	1023215	0.8958		96.1	2497	M
68 Perfluorononanesulfonic acid										M
549.00 > 80.00	4.081	4.093	-0.012	1.079	415845	0.8213	Target=2.53	85.6	1268	M
549.00 > 99.00	4.081	4.093	-0.012	1.079	158292		2.63(1.26-3.79)		616	M
24 Perfluorodecanoic acid										M
513.00 > 469.00	4.116	4.116	0.0	1.000	1208383	0.9873	Target=9.67	98.7	659	M
513.00 > 169.00	4.116	4.116	0.0	1.000	133865		9.03(4.83-14.50)		688	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 23 13C2 PFDA										M
515.00 > 470.00	4.116	4.116	0.0	1.188	1454735	1.02		82.0	1507	M
25 1H,1H,2H,2H-perfluorodecanesulfo										
527.00 > 507.00	4.116	4.127	-0.011	1.000	160525	0.9505		99.2	1008	
D 26 M2-8:2 FTS										M
529.00 > 81.00	4.116	4.127	-0.011	1.188	209432	0.9650		80.6	748	M
D 21 13C8 FOSA										M
506.00 > 78.00	4.150	4.161	-0.011	1.198	951049	0.7654		61.2	1784	M
22 Perfluorooctanesulfonamide										M
498.00 > 78.00	4.150	4.161	-0.011	1.000	753775	0.9722		97.2	1383	M
28 N-methylperfluorooctanesulfonami										M
570.00 > 419.00	4.261	4.261	0.0	1.000	103837	1.05		105	470	M
D 27 d3-NMeFOSAA										M
573.00 > 419.00	4.261	4.261	0.0	1.230	138914	0.7300		58.4	358	M
29 Perfluorodecanesulfonic acid										M
599.00 > 80.00	4.353	4.365	-0.012	1.151	264099	0.7010	Target=2.80	72.7	1364	
599.00 > 99.00	4.353	4.365	-0.012	1.151	105416		2.51(1.40-4.20)		982	M
D 30 13C2 PFUnA										M
565.00 > 520.00	4.387	4.387	0.0	1.266	930234	0.8648		69.2	1642	M
31 Perfluoroundecanoic acid										M
563.00 > 519.00	4.387	4.387	0.0	1.000	765557	0.9710	Target=9.07	97.1	663	
563.00 > 169.00	4.387	4.387	0.0	1.000	86261		8.87(4.54-13.61)		525	M
33 N-ethylperfluorooctanesulfonamid										M
584.00 > 419.00	4.399	4.399	0.0	1.000	87064	0.9618		96.2	537	M
D 32 d5-NEtFOSAA										M
589.00 > 419.00	4.399	4.399	0.0	1.269	124625	0.6919		55.4	531	M
66 11-Chloroeicosafuoro-3-oxaundec										
631.00 > 451.00	4.491	4.491	0.0	1.187	945681	0.6361		67.5	2497	
D 36 13C2 PFDaA										M
615.00 > 570.00	4.633	4.633	0.0	1.337	898224	0.8058		64.5	1664	M
37 Perfluorododecanoic acid										M
613.00 > 569.00	4.633	4.633	0.0	1.000	736696	1.01	Target=6.97	101	136	M
613.00 > 169.00	4.633	4.633	0.0	1.000	108700		6.78(3.48-10.45)		1026	
74 1H,1H,2H,2H-perfluorododecanesul										M
627.00 > 607.00	4.654	4.654	0.0	1.131	57052	0.7231		75.0	1171	M
75 Perfluorododecanesulfonic acid (										M
699.00 > 80.00	4.812	4.813	-0.001	1.272	132146	0.7900	Target=0.52	81.6	1328	
699.00 > 99.00	4.812	4.813	-0.001	1.272	236969		0.56(0.26-0.79)		1233	M
41 Perfluorotridecanoic acid										M
663.00 > 619.00	4.859	4.859	0.0	1.049	669396	1.06	Target=4.56	106	167	M
663.00 > 169.00	4.859	4.859	0.0	1.049	150633		4.44(2.28-6.84)		894	M
D 43 13C2 PFTeDA										M
715.00 > 670.00	5.062	5.052	0.010	1.461	929932	1.02		81.6	2426	M
42 Perfluorotetradecanoic acid										M
713.00 > 169.00	5.062	5.052	0.010	1.000	123877	1.04	Target=0.94	104	1260	M
713.00 > 219.00	5.062	5.052	0.010	1.000	128962		0.96(0.47-1.41)		898	M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
45 Perfluorohexadecanoic acid										M
813.00 > 769.00	5.444	5.422	0.022	1.000	756982	1.01	Target=4.38	101	236	M
813.00 > 169.00	5.444	5.422	0.022	1.000	176013		4.30(2.19-6.57)		1226	M
D 44 13C2 PFHxDA										M
815.00 > 770.00	5.444	5.422	0.022	1.571	1027288	0.9897		79.2	2034	M
46 Perfluorooctadecanoic acid										M
913.00 > 869.00	5.833	5.795	0.038	1.071	605958	1.11	Target=4.31	111	184	M
913.00 > 169.00	5.833	5.795	0.038	1.071	139374		4.35(2.16-6.47)		420	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#: 3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

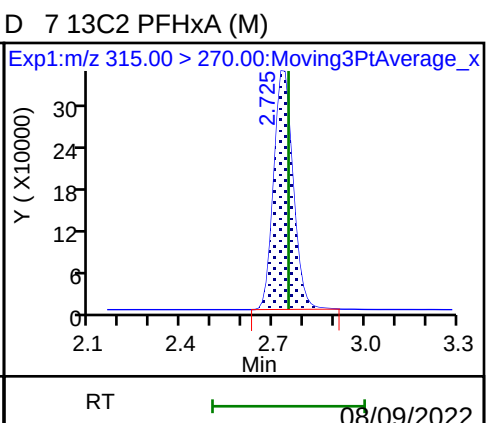
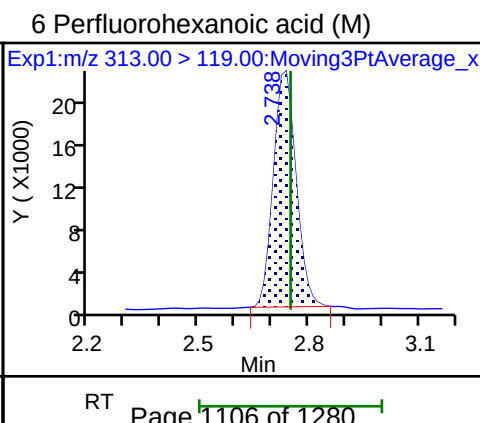
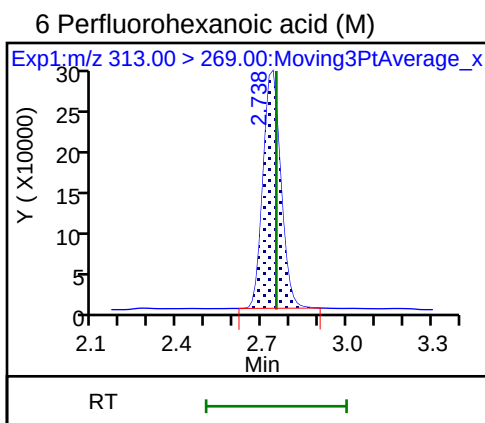
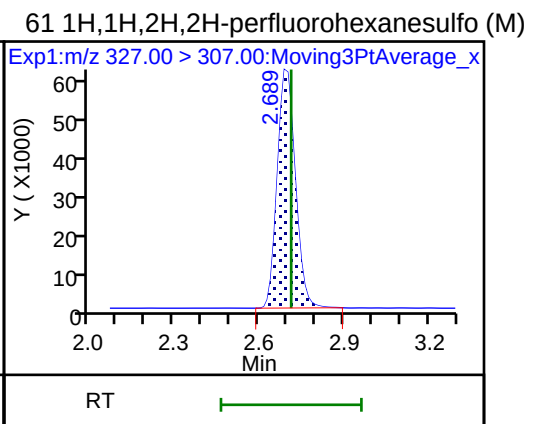
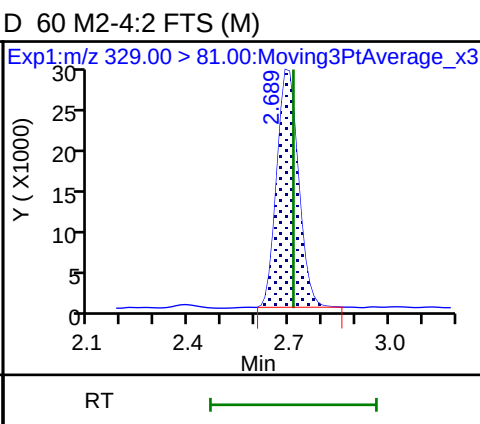
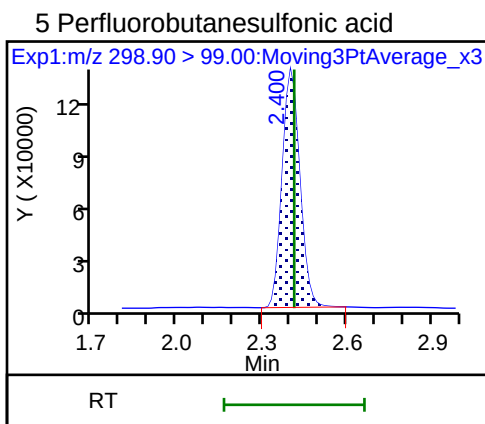
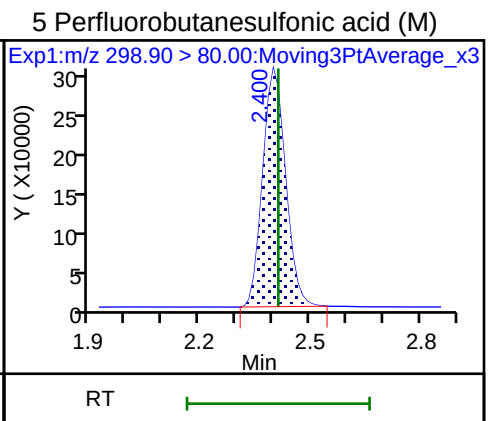
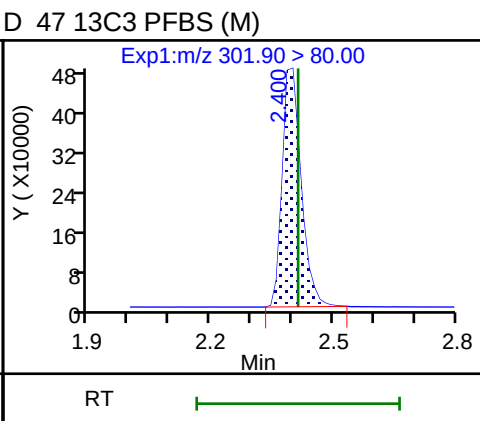
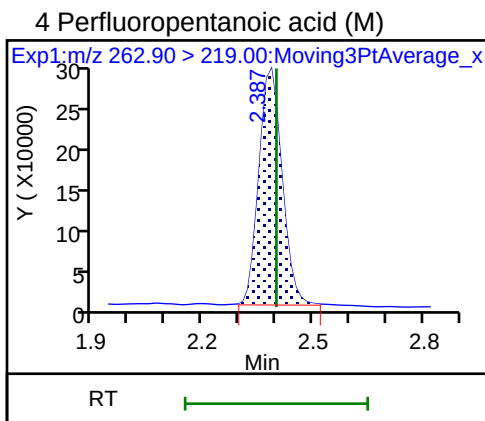
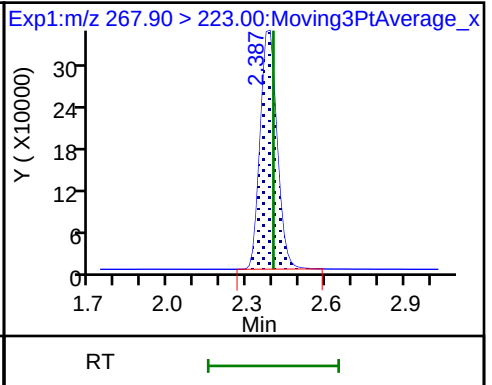
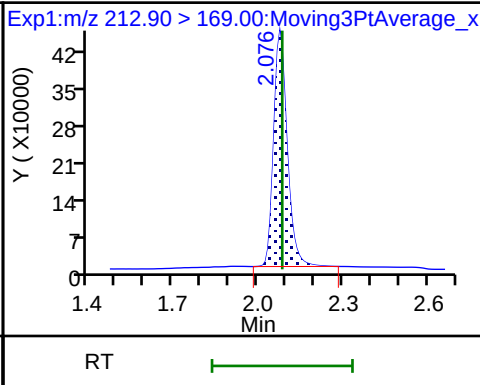
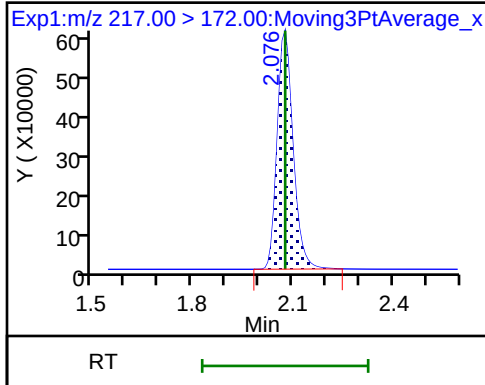
Method: PFC_LC812

Limit Group: LC_PFC_ICAL

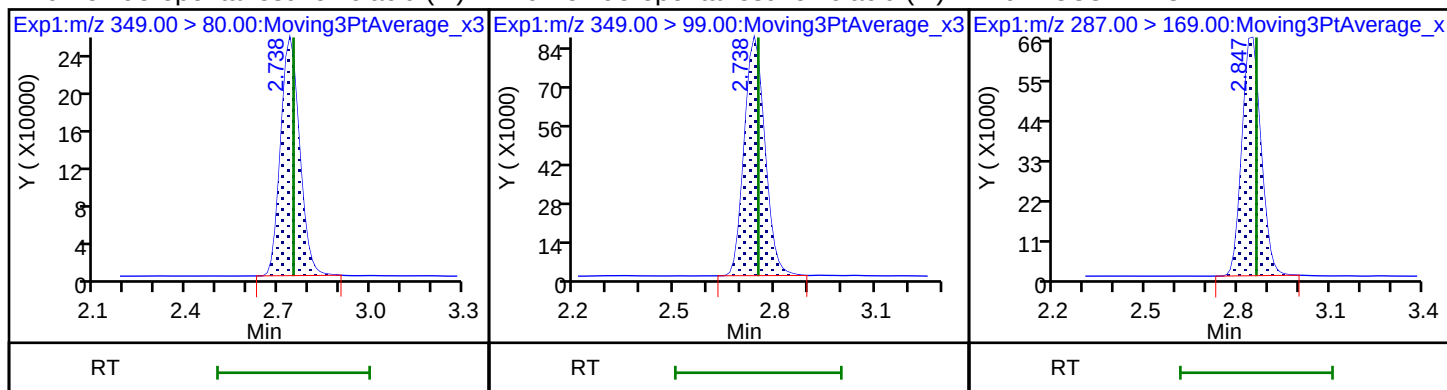
D 1 13C4 PFBA (M)

2 Perfluorobutanoic acid (M)

D 3 13C5 PFPeA

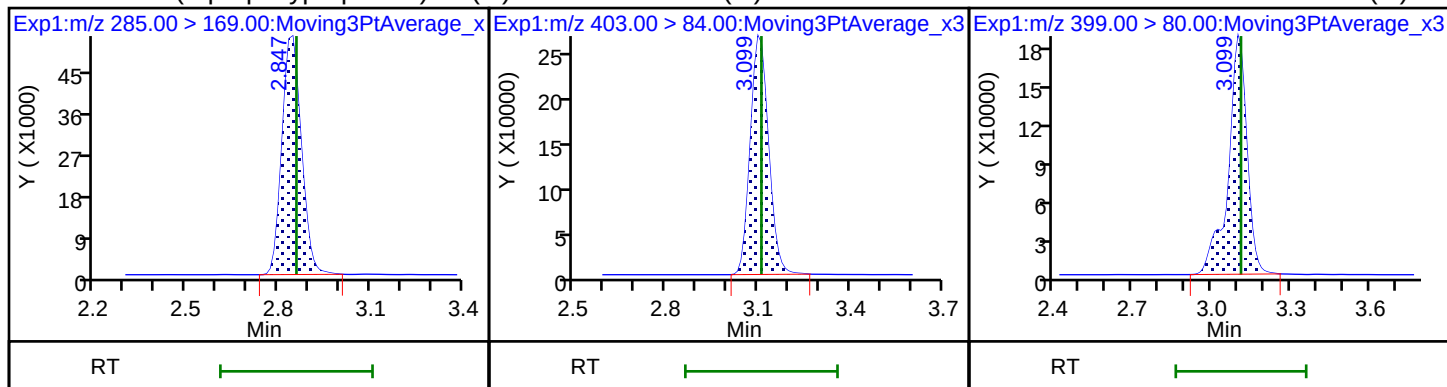


70 Perfluoropentanesulfonic acid (M) 70 Perfluoropentanesulfonic acid (M) D 64 13C3 HFPO-DA



67 Perfluoro(2-propoxypropanoic) ac (M) 11 18O2 PFHxS (M)

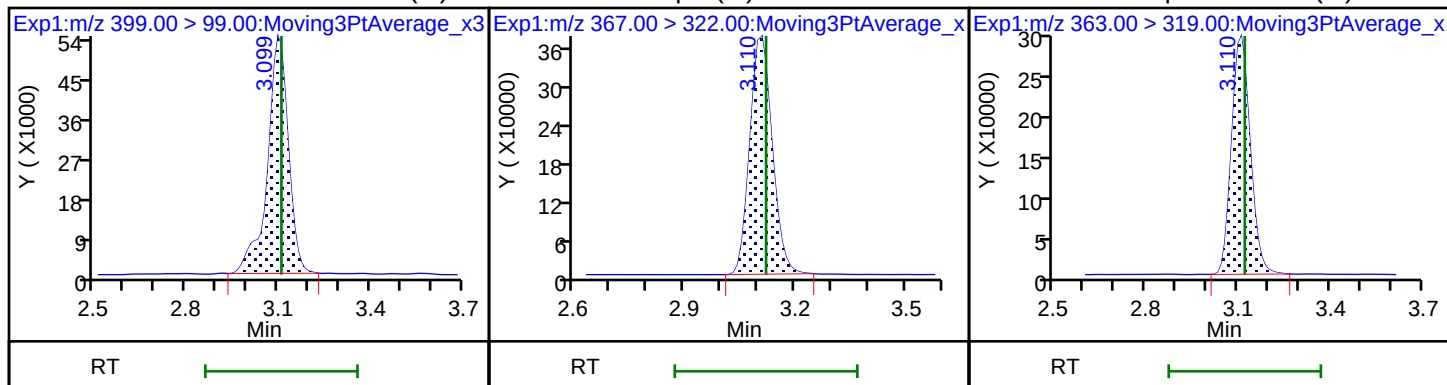
8 Perfluorohexanesulfonic acid (M)



8 Perfluorohexanesulfonic acid (M)

D 9 13C4 PFHpA (M)

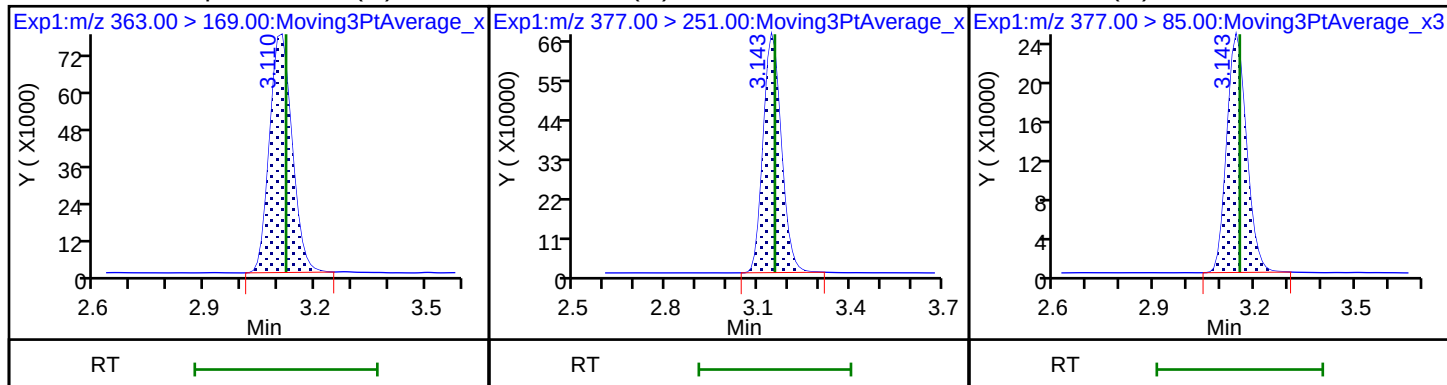
10 Perfluoroheptanoic acid (M)



10 Perfluoroheptanoic acid (M)

77 DONA (M)

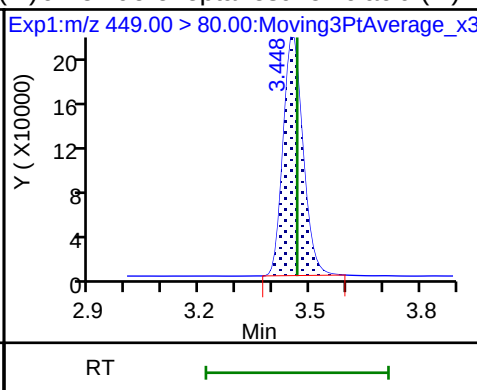
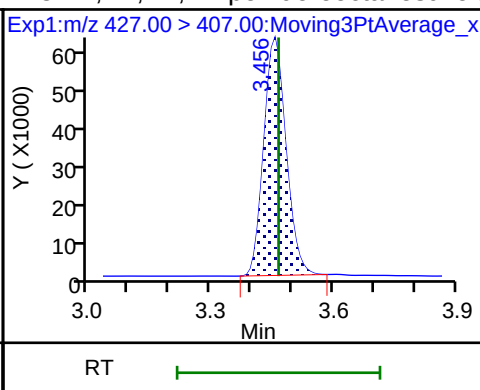
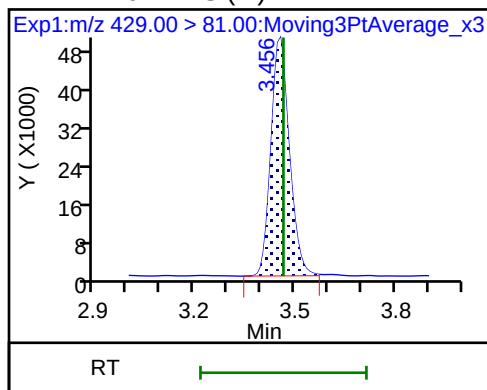
77 DONA (M)



D 12 M2-6:2 FTS (M)

13 1H,1H,2H,2H-perfluorooctanesulfo (M)

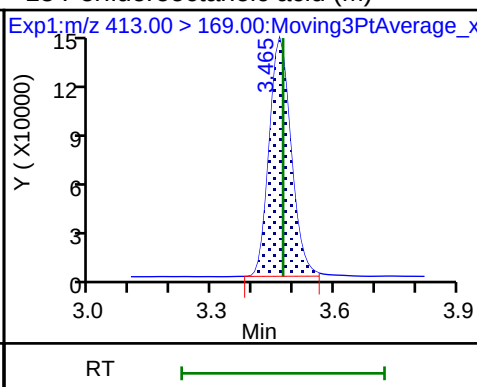
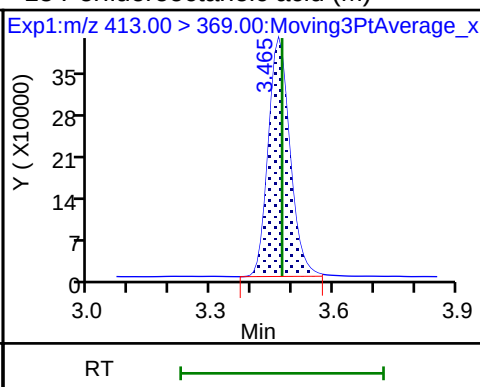
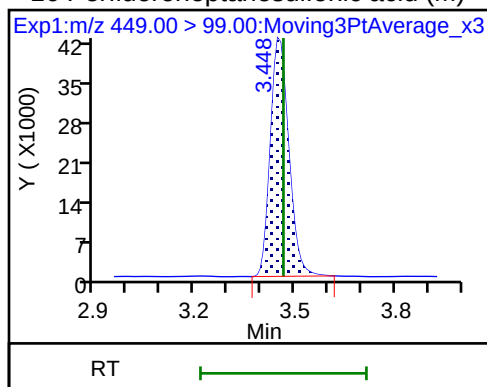
16 Perfluoroheptanesulfonic acid (M)



16 Perfluoroheptanesulfonic acid (M)

15 Perfluorooctanoic acid (M)

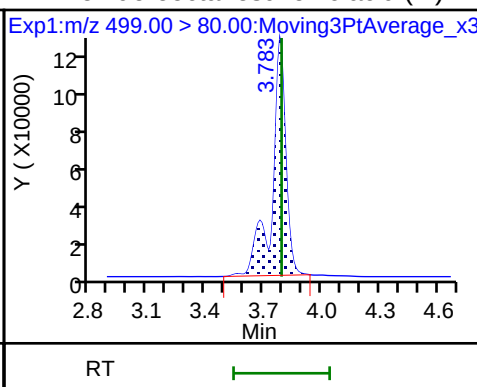
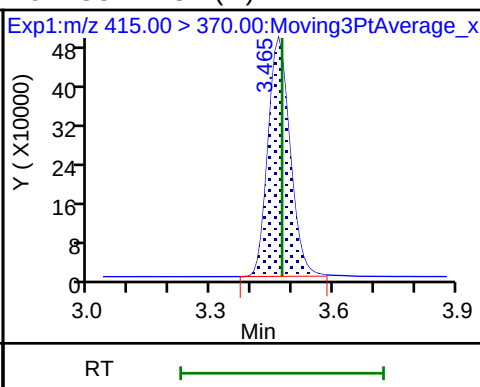
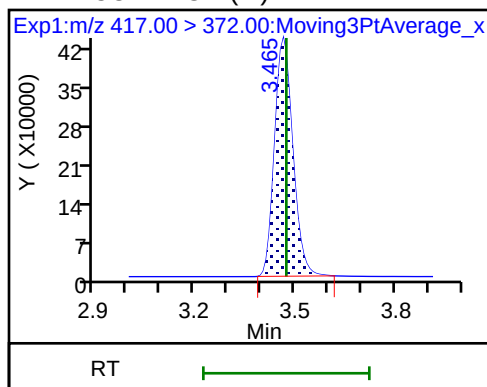
15 Perfluorooctanoic acid (M)



D 14 13C4 PFOA (M)

* 62 13C2 PFOA (M)

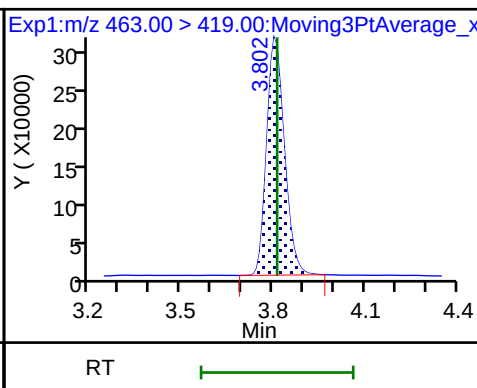
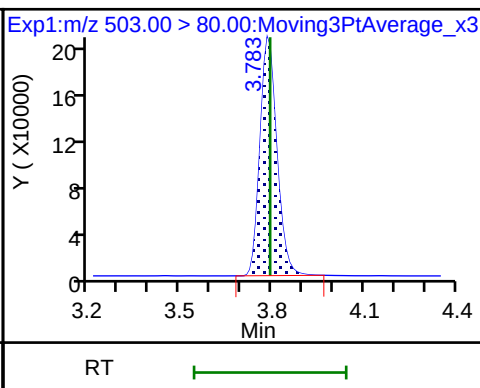
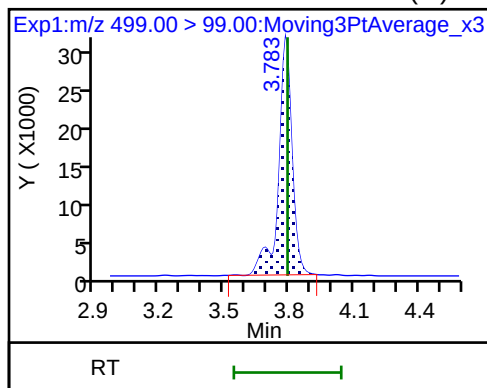
17 Perfluorooctanesulfonic acid (M)

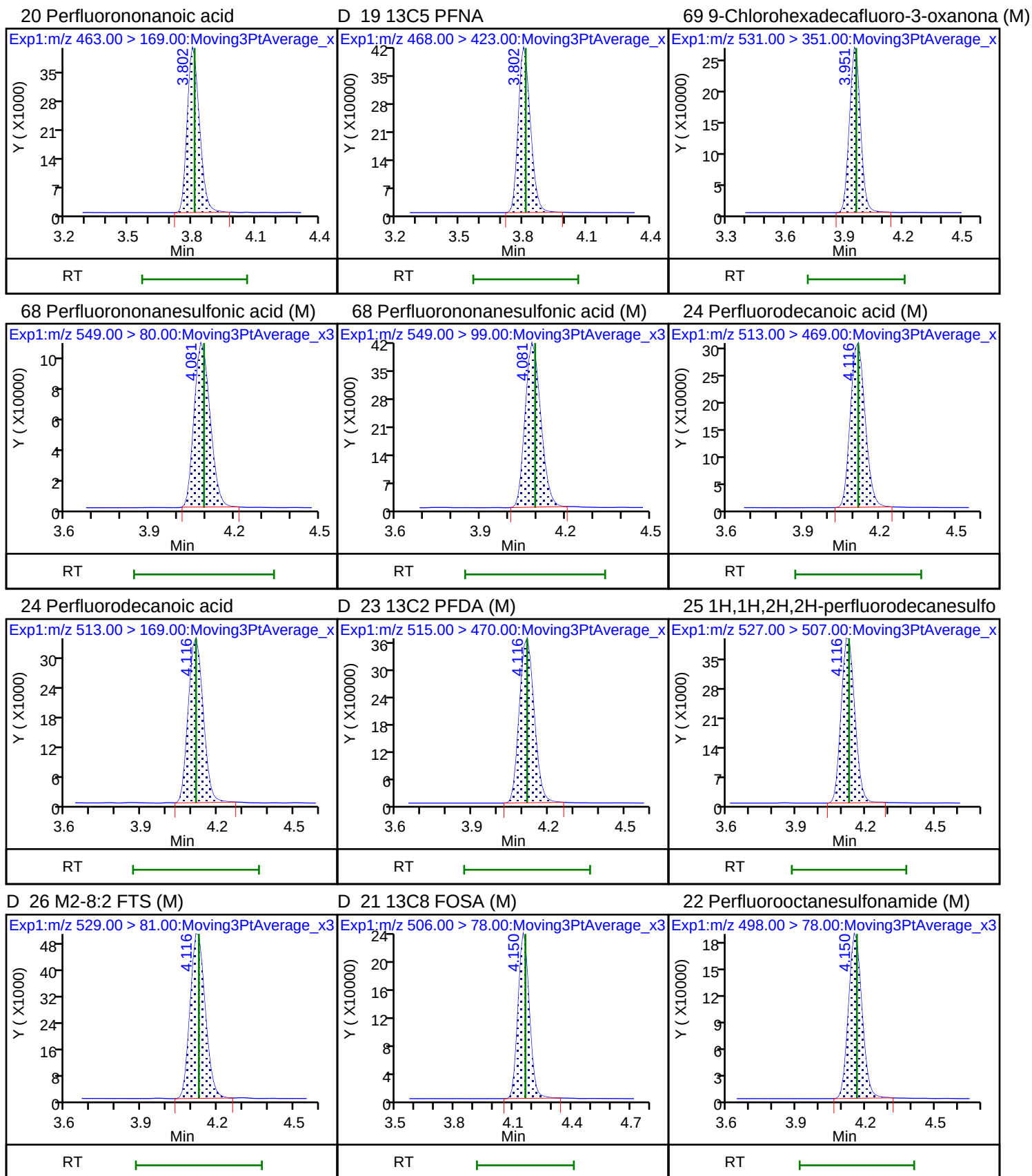


17 Perfluorooctanesulfonic acid (M)

D 18 13C4 PFOS

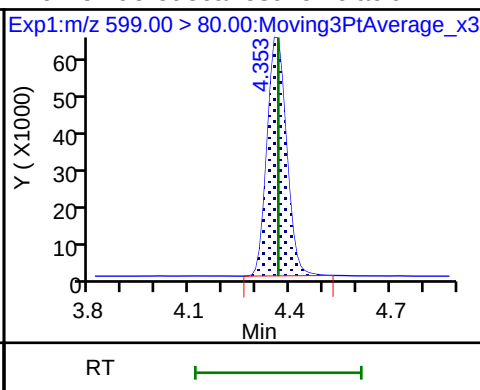
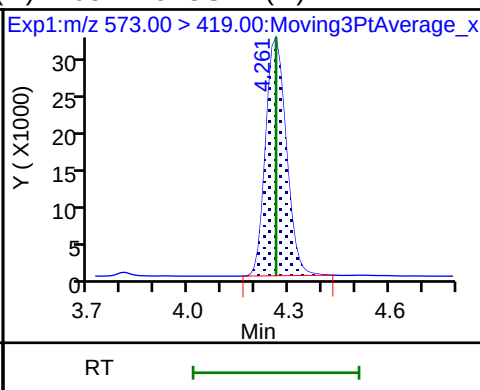
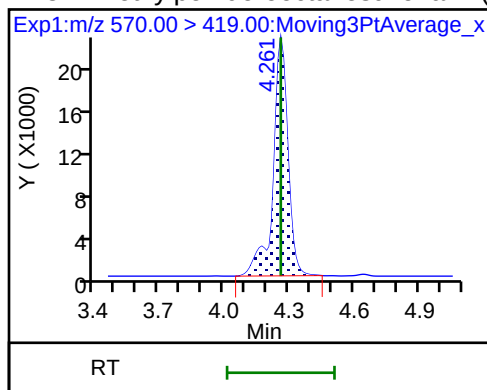
20 Perfluorononanoic acid





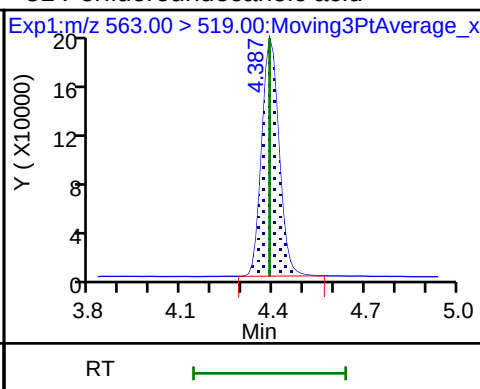
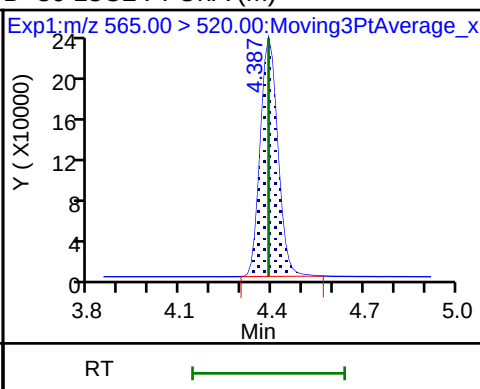
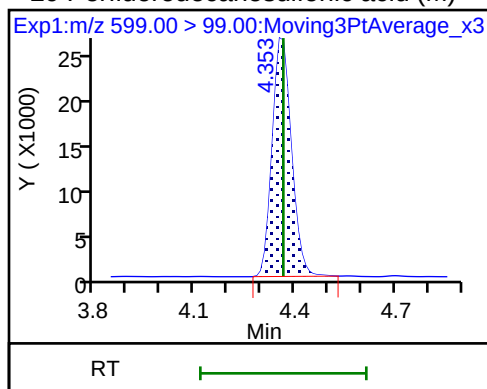
28 N-methylperfluorooctanesulfonami (M) 27 d3-NMeFOSAA (M)

29 Perfluorodecanesulfonic acid



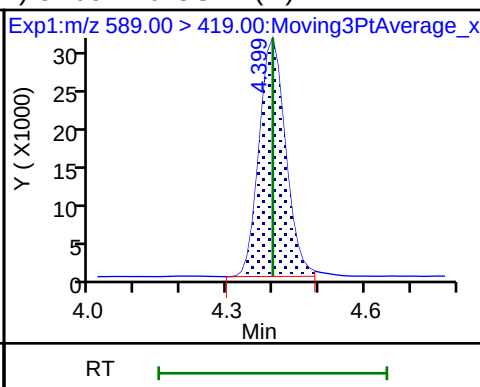
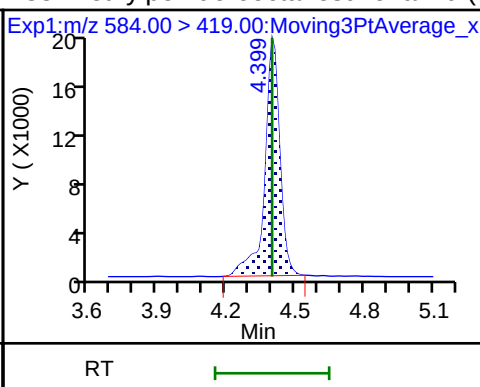
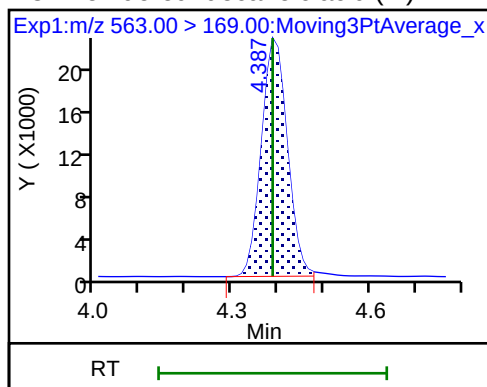
29 Perfluorodecanesulfonic acid (M) D 30 13C2 PFUnA (M)

31 Perfluoroundecanoic acid



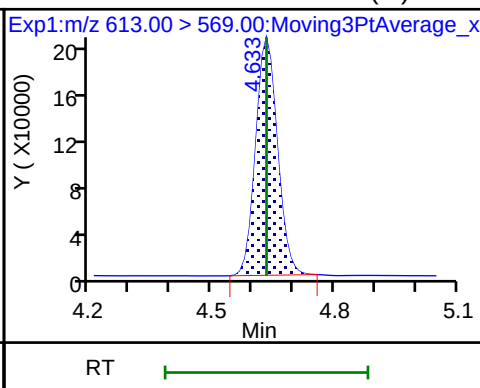
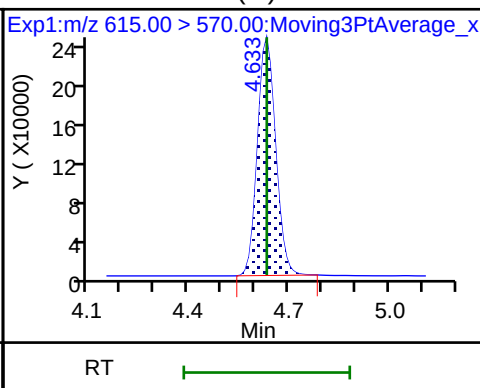
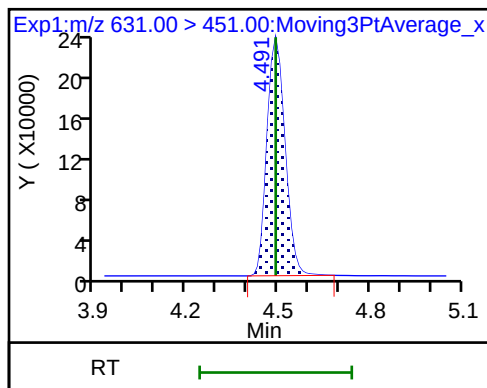
31 Perfluoroundecanoic acid (M)

33 N-ethylperfluorooctanesulfonamid (M) 32 d5-NEtFOSAA (M)



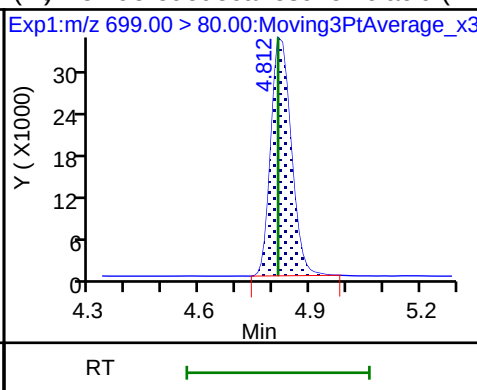
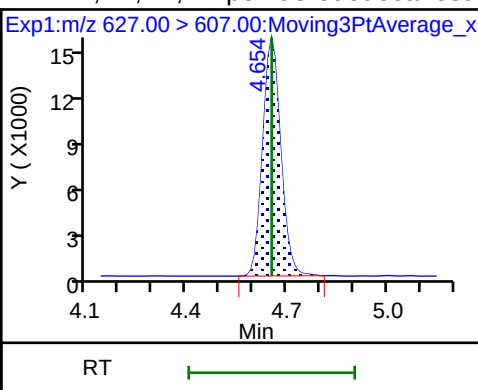
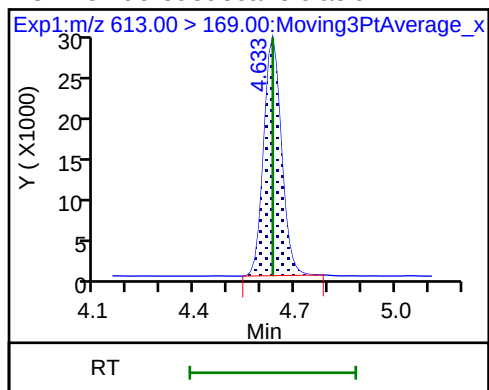
66 11-Chloroeicosafluoro-3-oxaundec D 36 13C2 PFDaA (M)

37 Perfluorododecanoic acid (M)



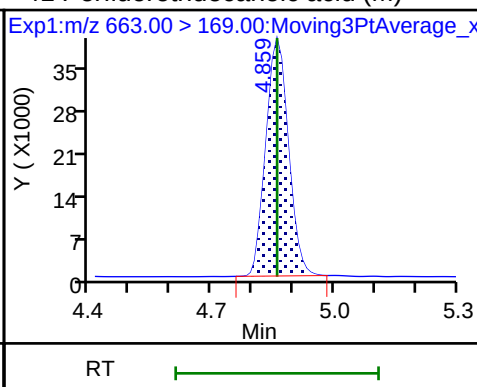
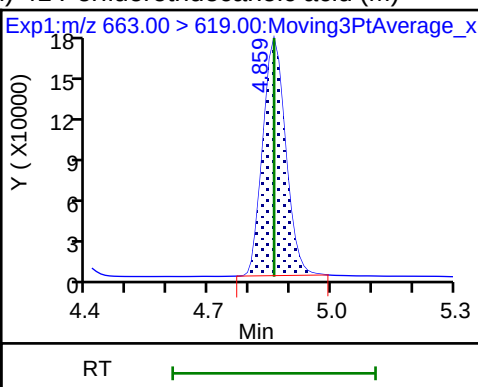
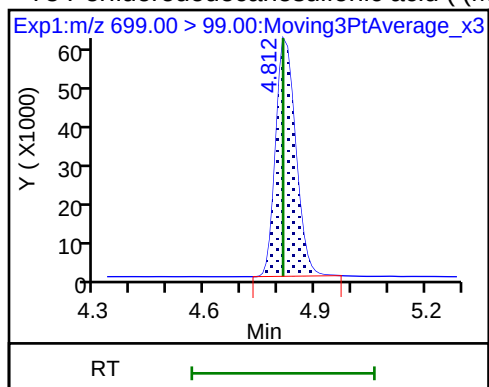
37 Perfluorododecanoic acid

74 1H,1H,2H,2H-perfluorododecanesul (M) 75 Perfluorododecanesulfonic acid (M)



75 Perfluorododecanesulfonic acid (M) 41 Perfluorotridecanoic acid (M)

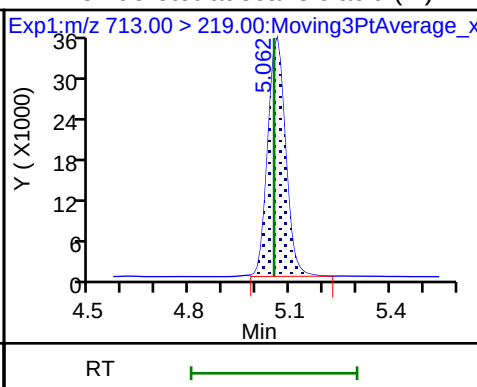
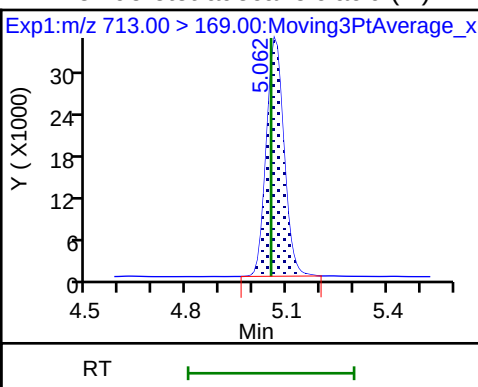
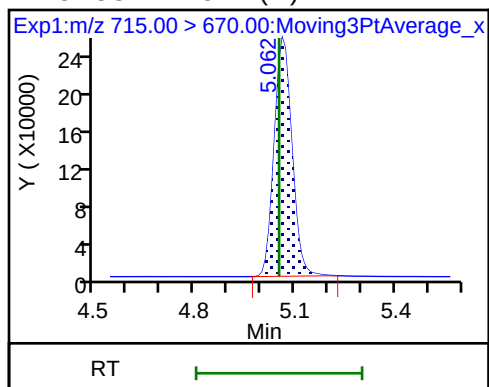
41 Perfluorotridecanoic acid (M)



D 43 13C2 PFTeDA (M)

42 Perfluorotetradecanoic acid (M)

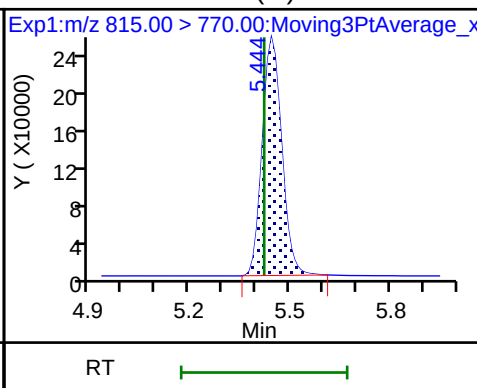
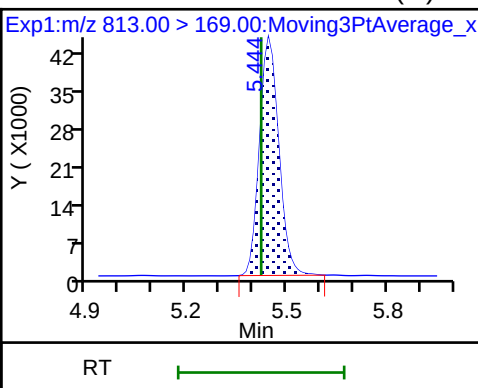
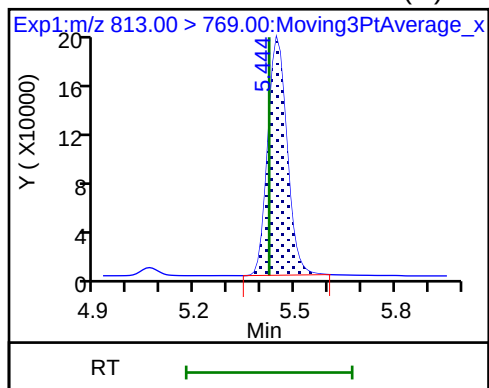
42 Perfluorotetradecanoic acid (M)



45 Perfluorohexadecanoic acid (M)

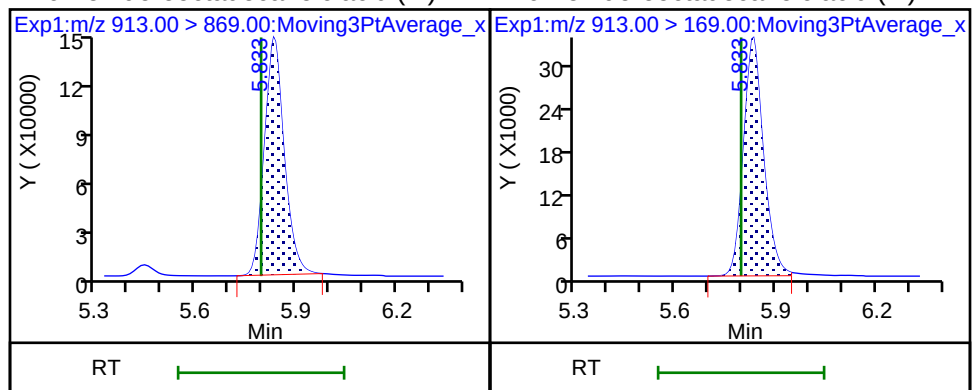
45 Perfluorohexadecanoic acid (M)

D 44 13C2 PFHxDA (M)



46 Perfluorooctadecanoic acid (M)

46 Perfluorooctadecanoic acid (M)



Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

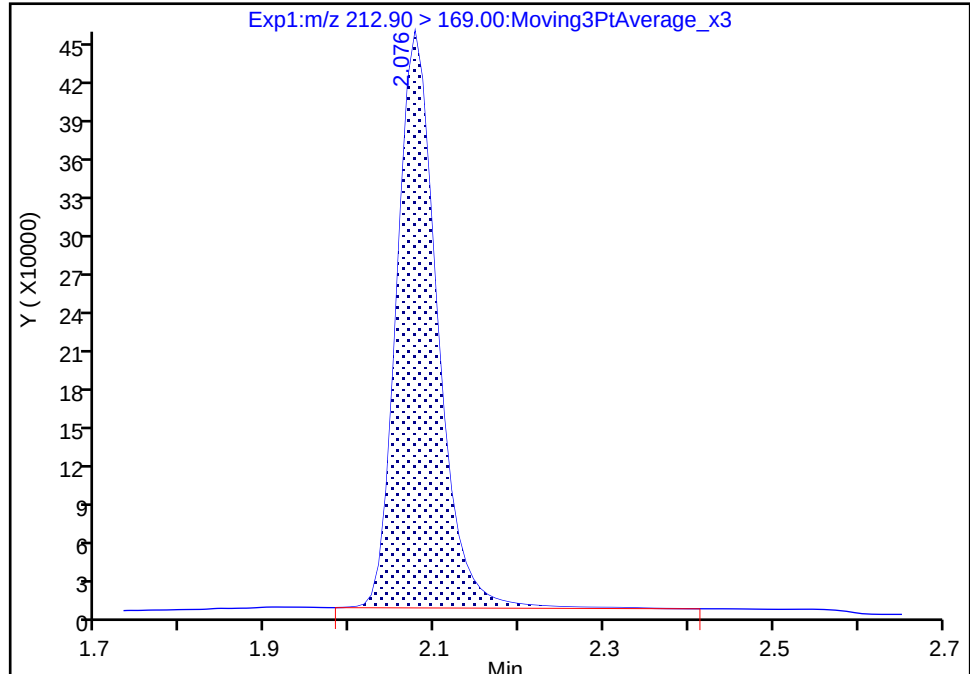
Detector: EXP1

2 Perfluorobutanoic acid, CAS: 375-22-4

Signal: 1

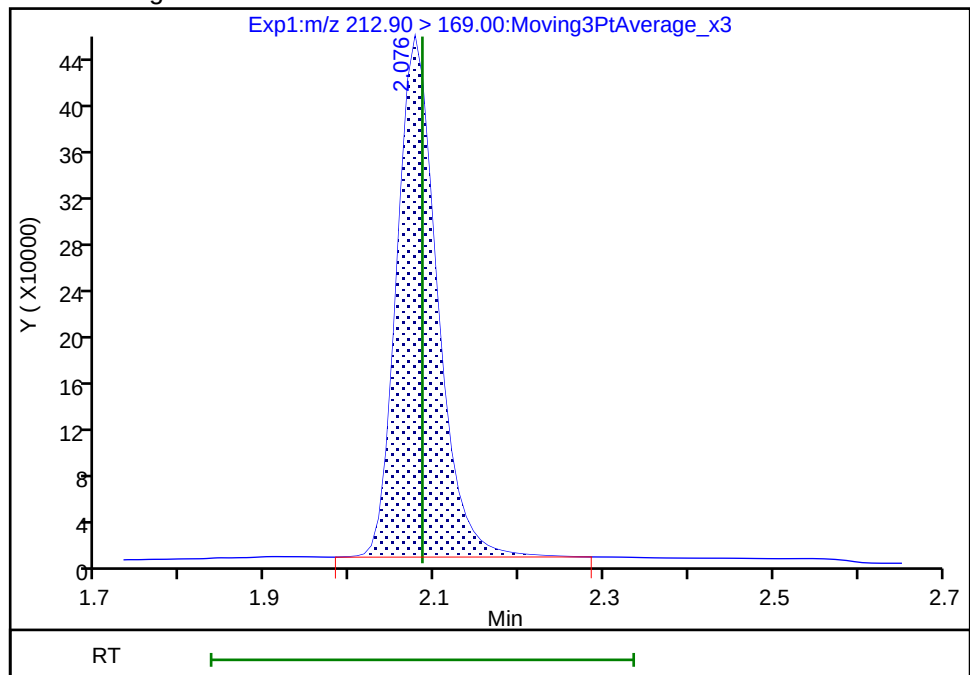
RT: 2.08
Area: 1506280
Amount: 0.970830
Amount Units: ng/ml

Processing Integration Results



RT: 2.08
Area: 1495569
Amount: 0.968705
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:23:13

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor:

1.0000

Method: PFC_LC812

Limit Group:

LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

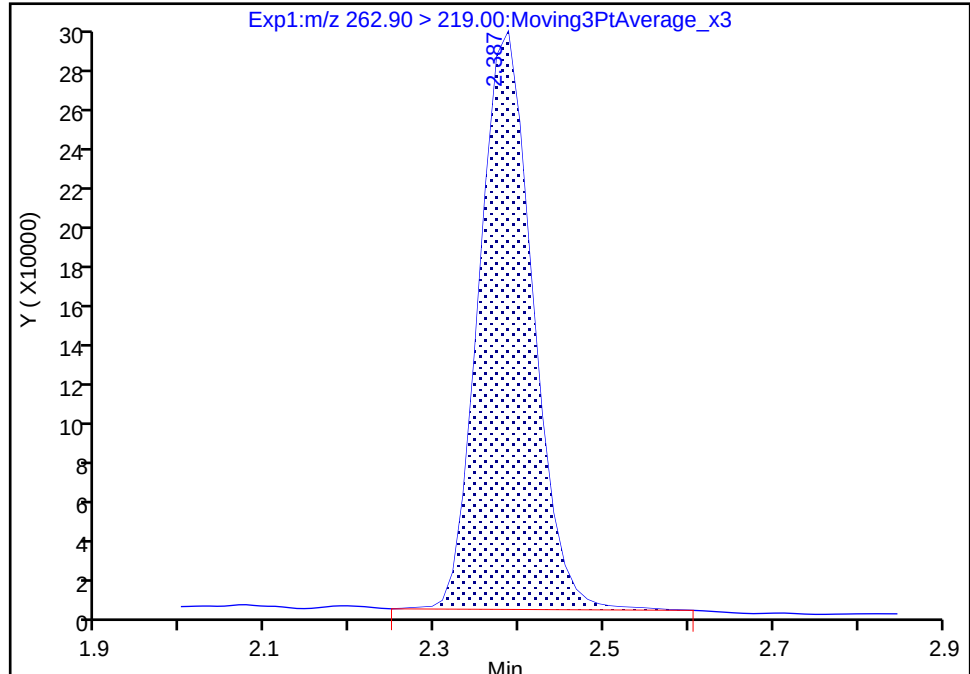
EXP1

4 Perfluoropentanoic acid, CAS: 2706-90-3

Signal: 1

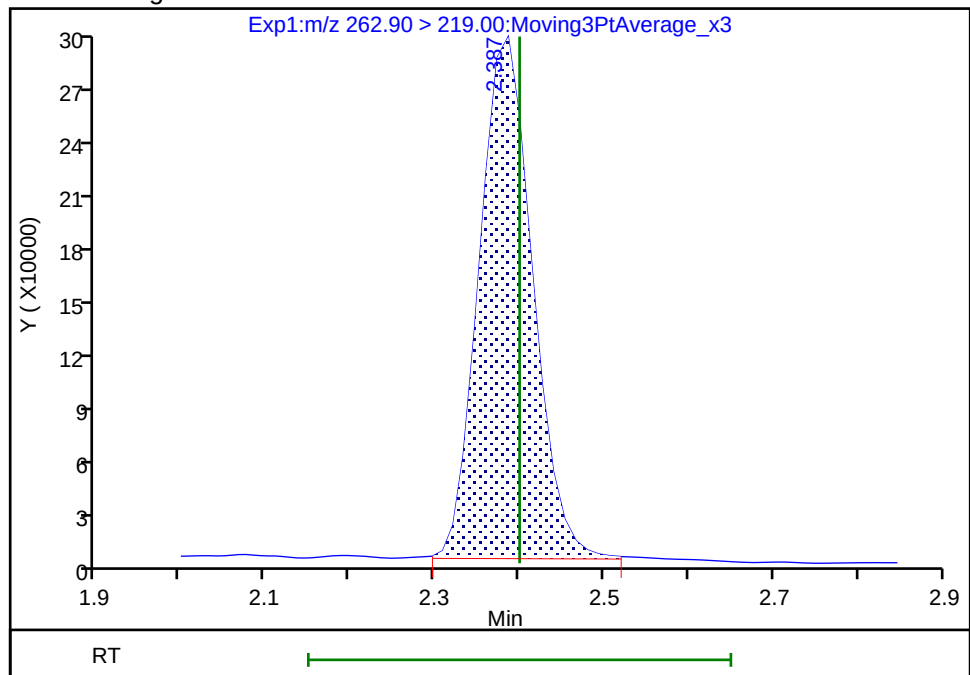
RT: 2.39
Area: 1266648
Amount: 0.995317
Amount Units: ng/ml

Processing Integration Results



RT: 2.39
Area: 1260667
Amount: 0.990617
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:23:21

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

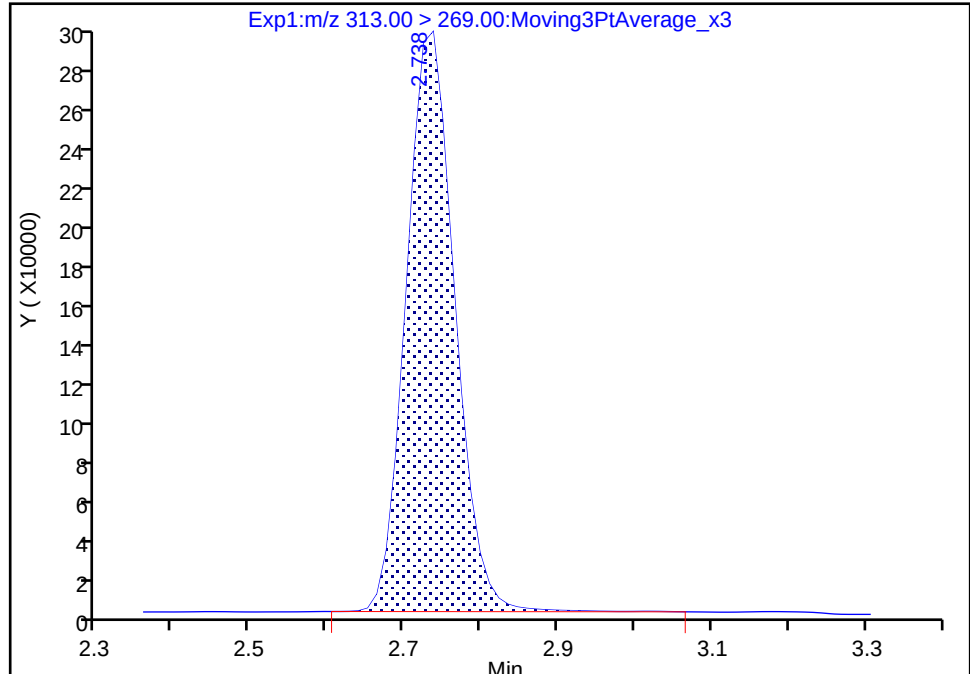
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d
Injection Date: 04-Aug-2022 20:50:28 Instrument ID: LC812
Lims ID: LCS 200-182357/2-A
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

6 Perfluorohexanoic acid, CAS: 307-24-4

Signal: 1

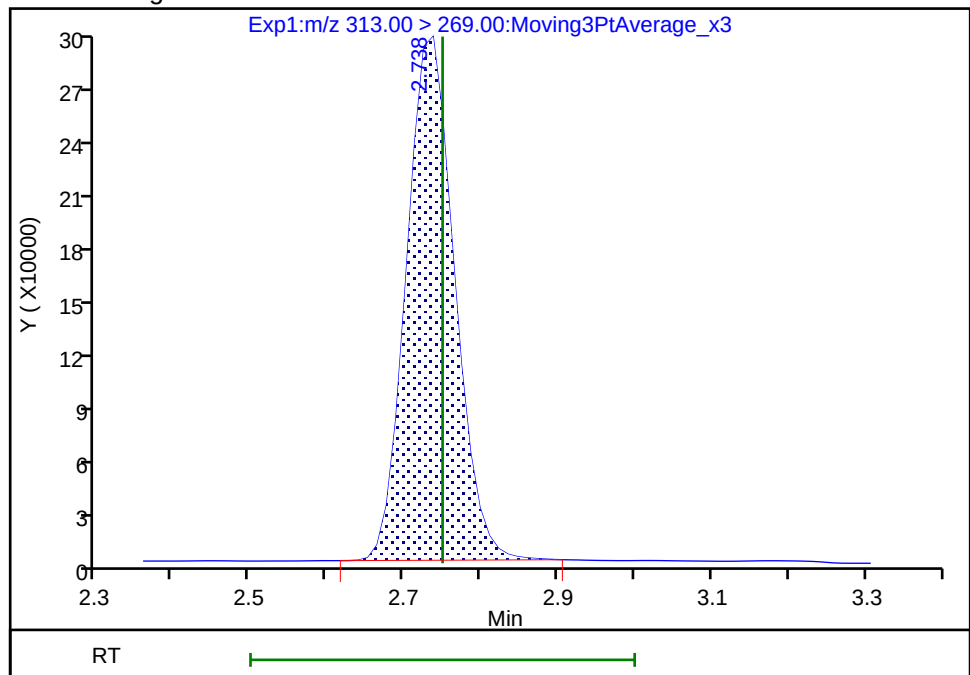
RT: 2.74
Area: 1260162
Amount: 1.011779
Amount Units: ng/ml

Processing Integration Results



RT: 2.74
Area: 1252231
Amount: 1.010028
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:23:31

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

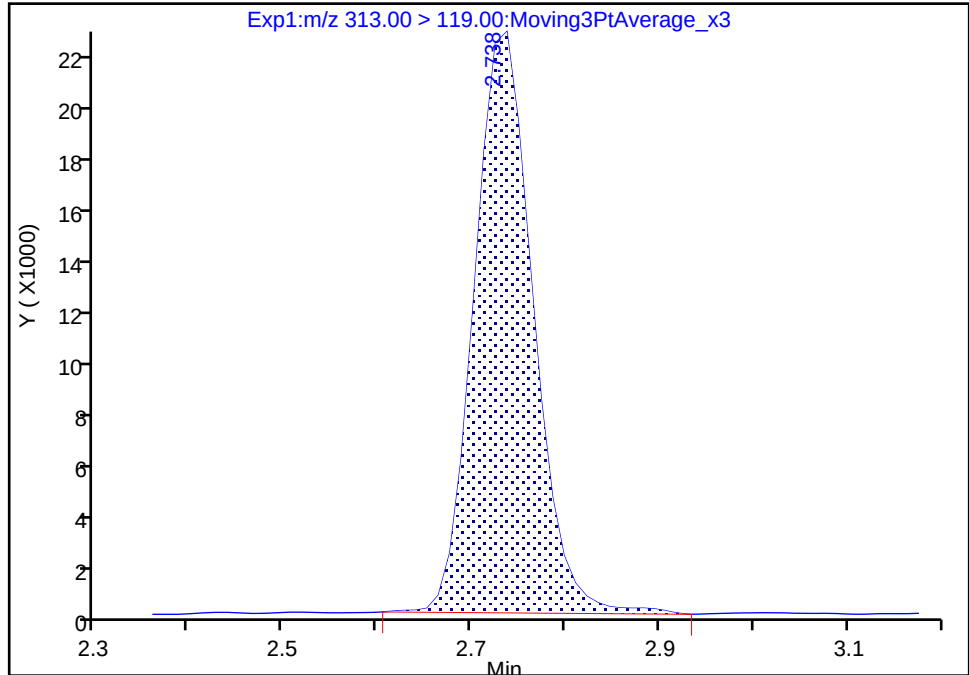
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d
Injection Date: 04-Aug-2022 20:50:28 Instrument ID: LC812
Lims ID: LCS 200-182357/2-A
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

6 Perfluorohexanoic acid, CAS: 307-24-4

Signal: 2

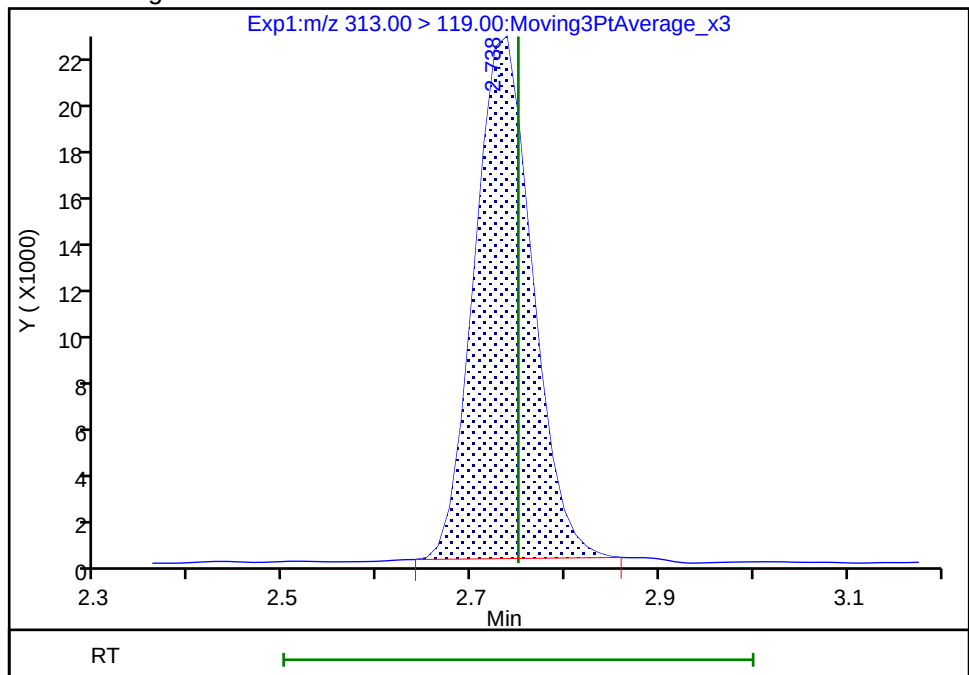
RT: 2.74
Area: 95342
Amount: 1.011779
Amount Units: ng/ml

Processing Integration Results



RT: 2.74
Area: 92702
Amount: 1.010028
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:23:35

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

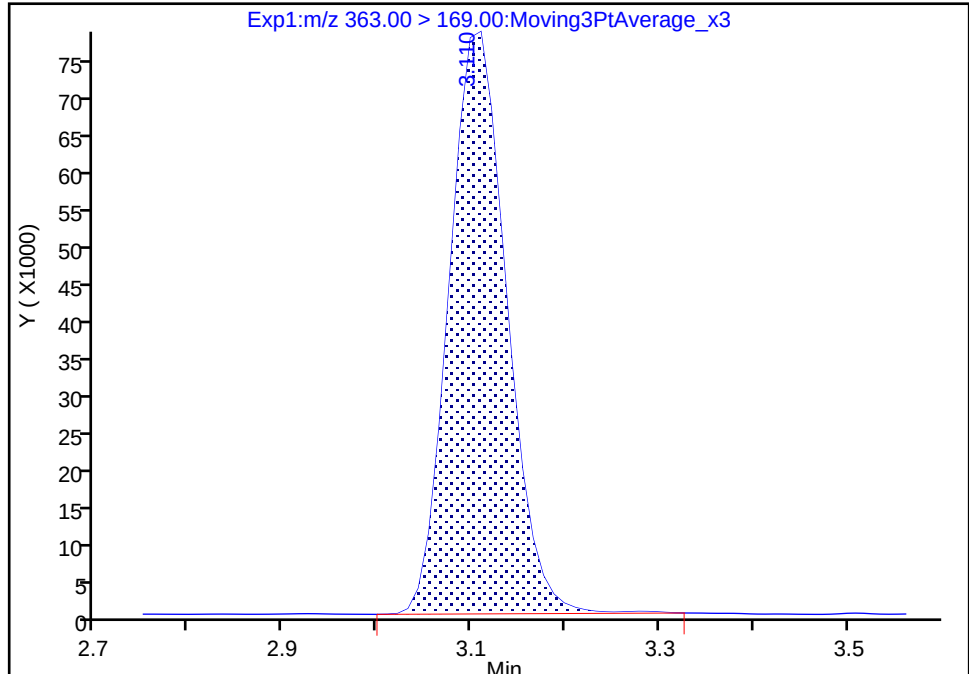
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d
Injection Date: 04-Aug-2022 20:50:28 Instrument ID: LC812
Lims ID: LCS 200-182357/2-A
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

10 Perfluoroheptanoic acid, CAS: 375-85-9

Signal: 2

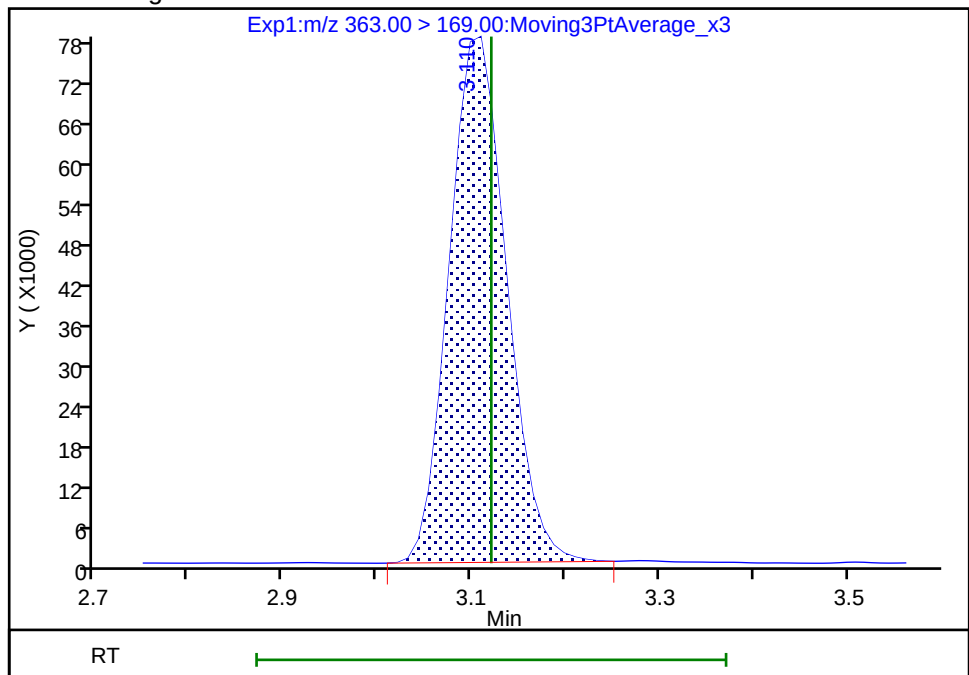
RT: 3.11
Area: 333937
Amount: 0.975661
Amount Units: ng/ml

Processing Integration Results



RT: 3.11
Area: 332223
Amount: 0.976567
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:23:55

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

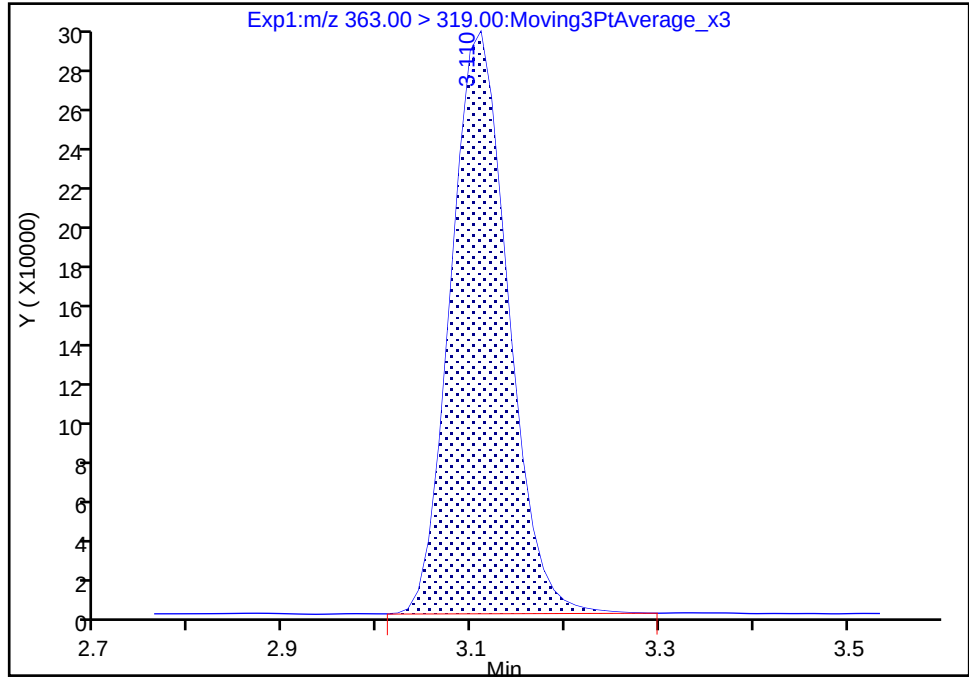
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d
Injection Date: 04-Aug-2022 20:50:28 Instrument ID: LC812
Lims ID: LCS 200-182357/2-A
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

10 Perfluoroheptanoic acid, CAS: 375-85-9

Signal: 1

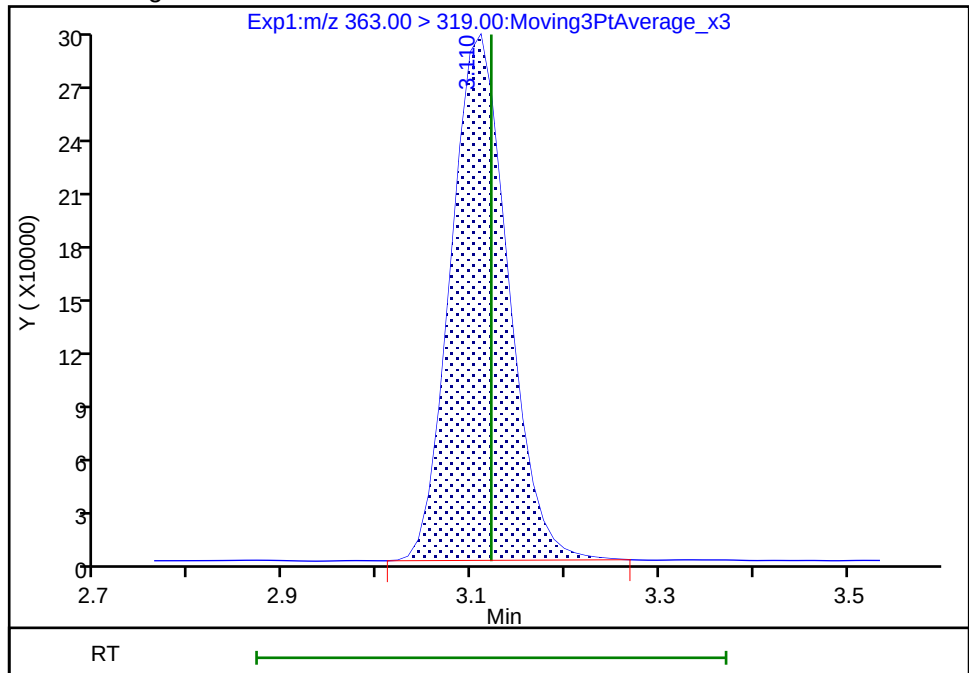
RT: 3.11
Area: 1261920
Amount: 0.975661
Amount Units: ng/ml

Processing Integration Results



RT: 3.11
Area: 1258379
Amount: 0.976567
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:14:29

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

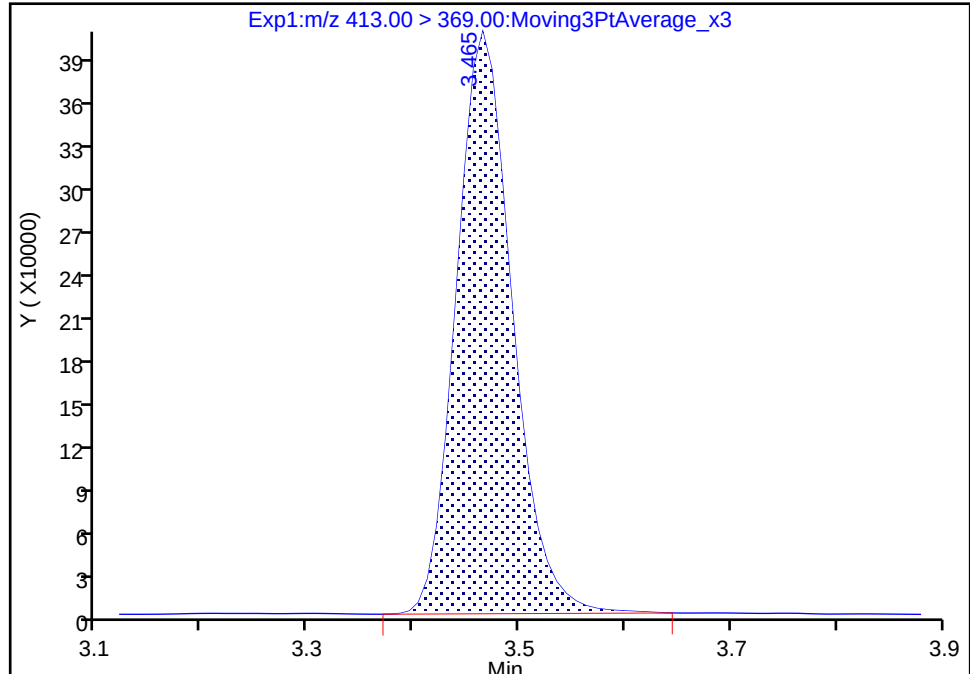
Detector: EXP1

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 1

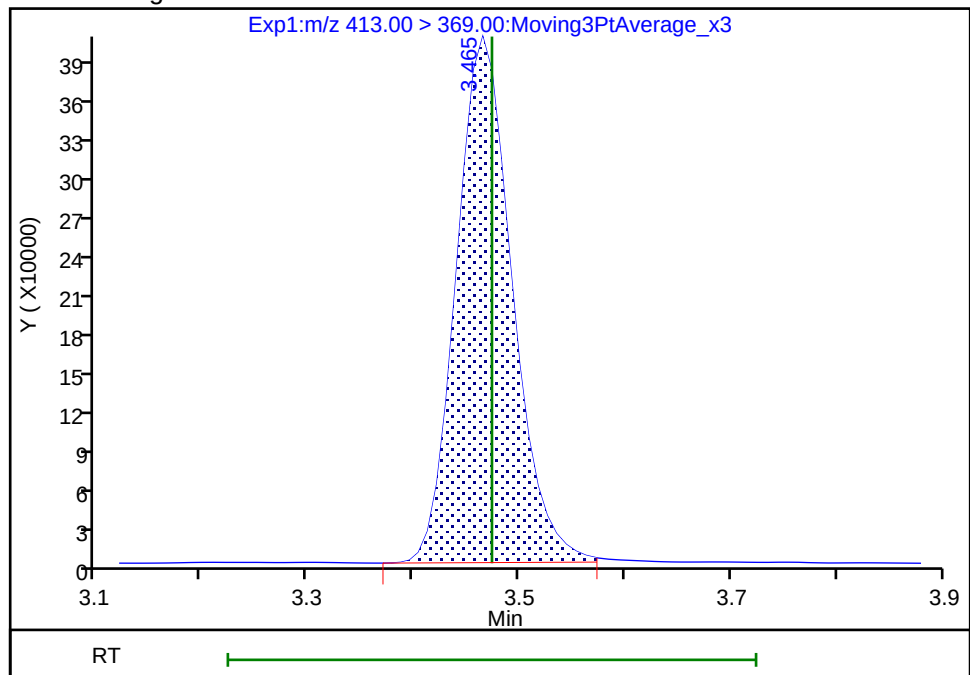
RT: 3.47
Area: 1485667
Amount: 0.998838
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 1479466
Amount: 1.001007
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:15:40

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor:

1.0000

Method: PFC_LC812

Limit Group:

LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

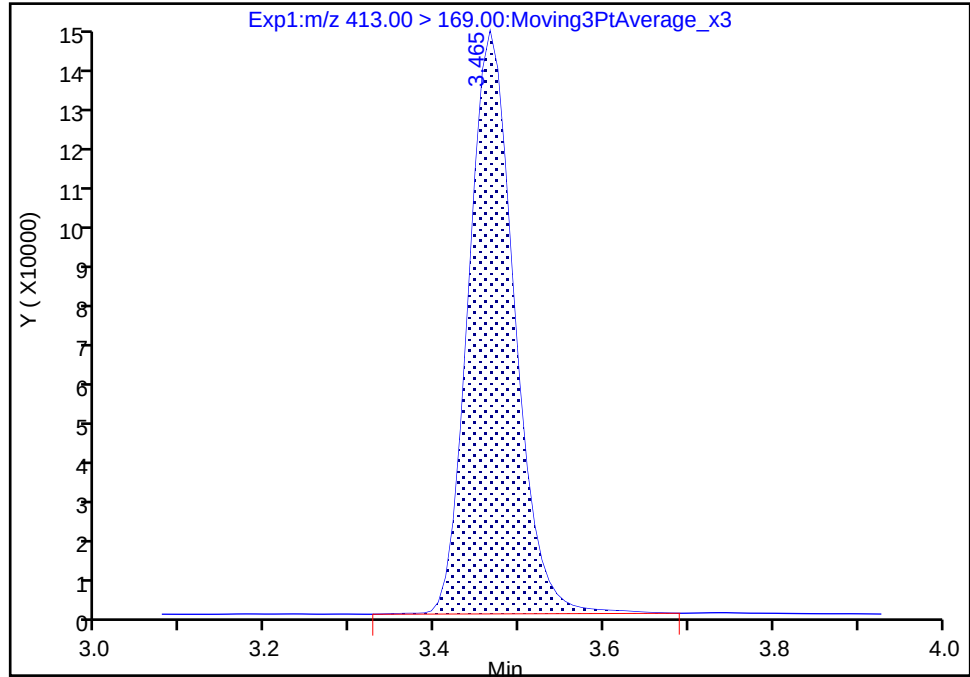
EXP1

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 2

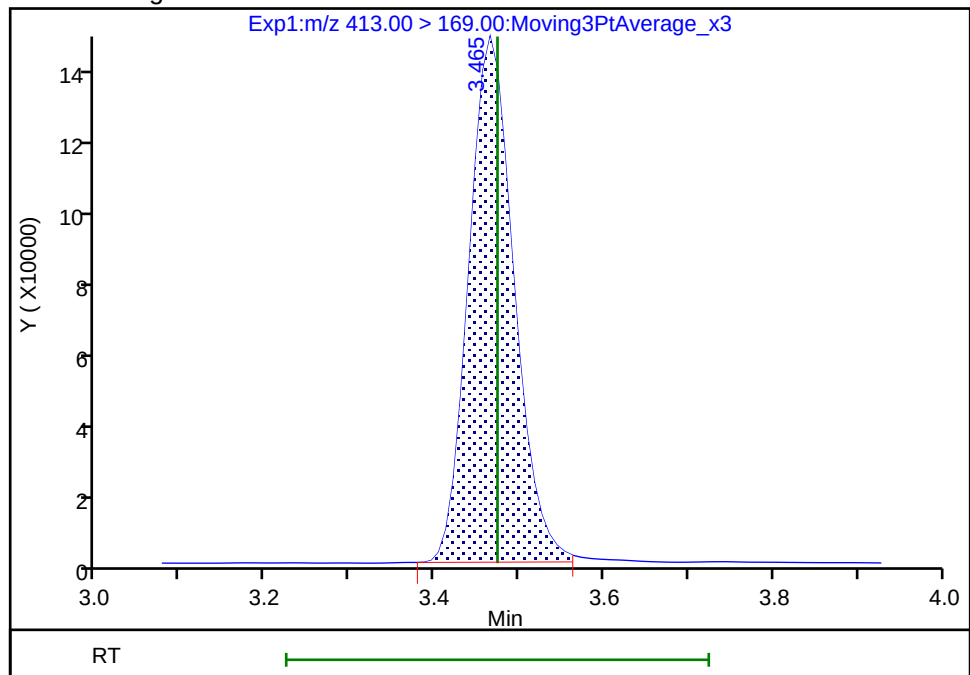
RT: 3.47
Area: 551568
Amount: 0.998838
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 544520
Amount: 1.001007
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:15:56

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

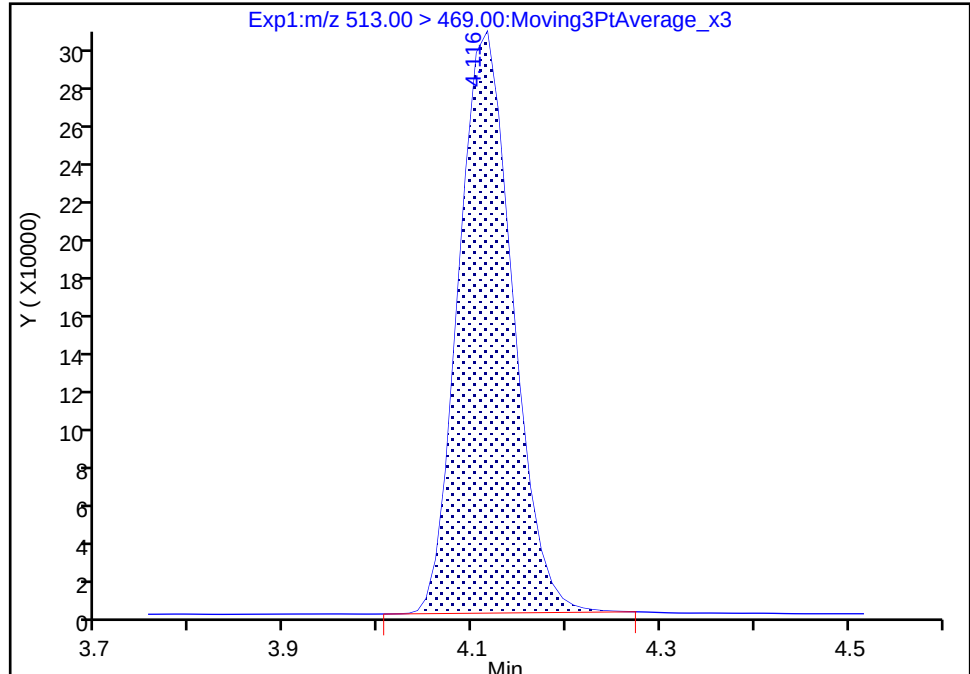
Detector: EXP1

24 Perfluorodecanoic acid, CAS: 335-76-2

Signal: 1

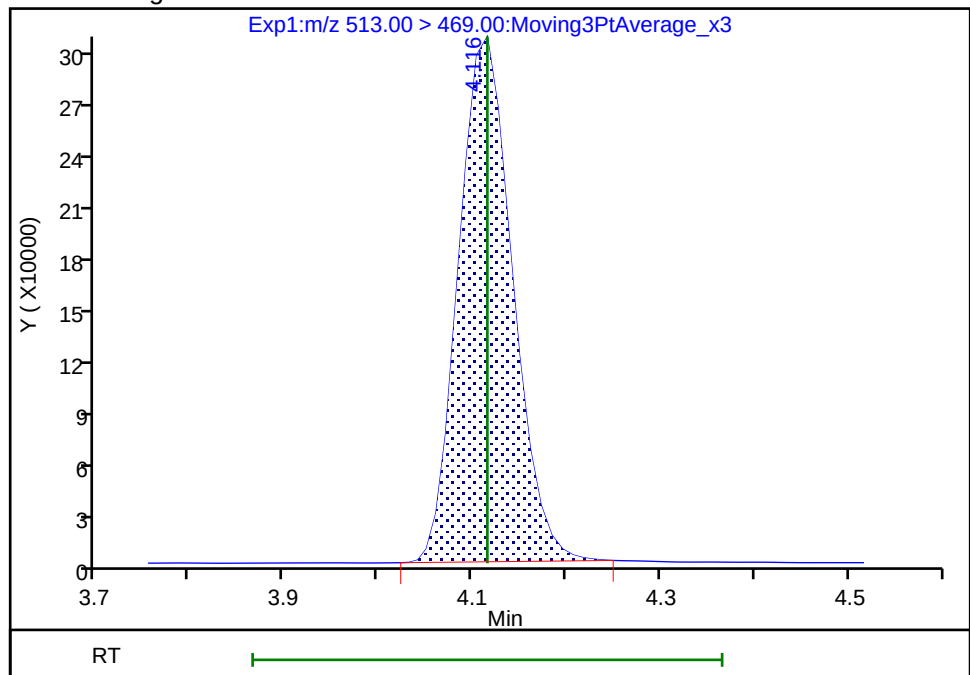
RT: 4.12
Area: 1211592
Amount: 0.983037
Amount Units: ng/ml

Processing Integration Results



RT: 4.12
Area: 1208383
Amount: 0.987278
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:17:17

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

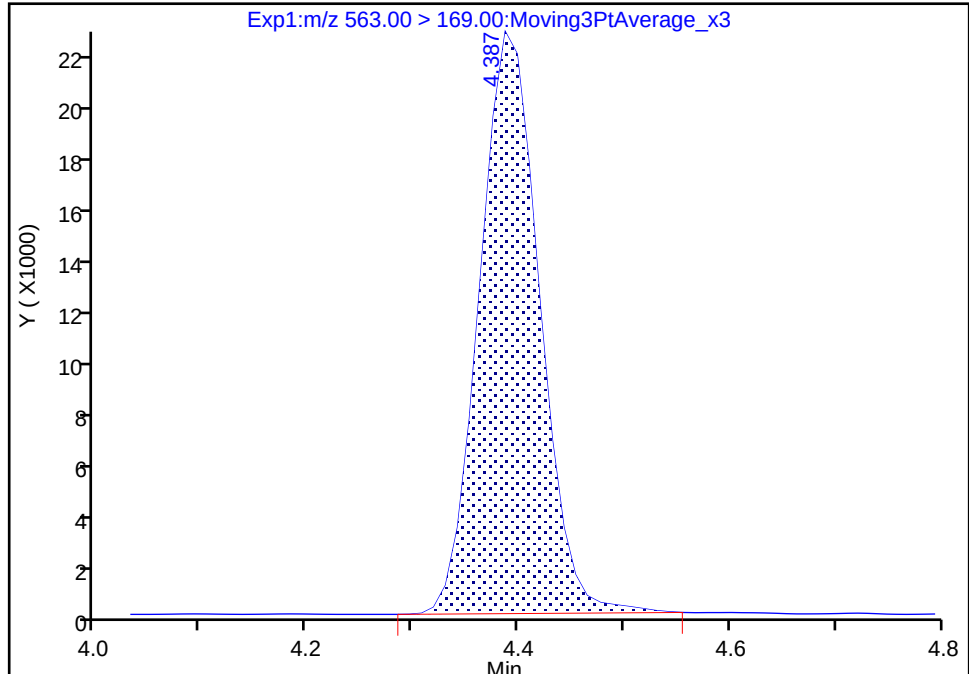
Detector: EXP1

31 Perfluoroundecanoic acid, CAS: 2058-94-8

Signal: 2

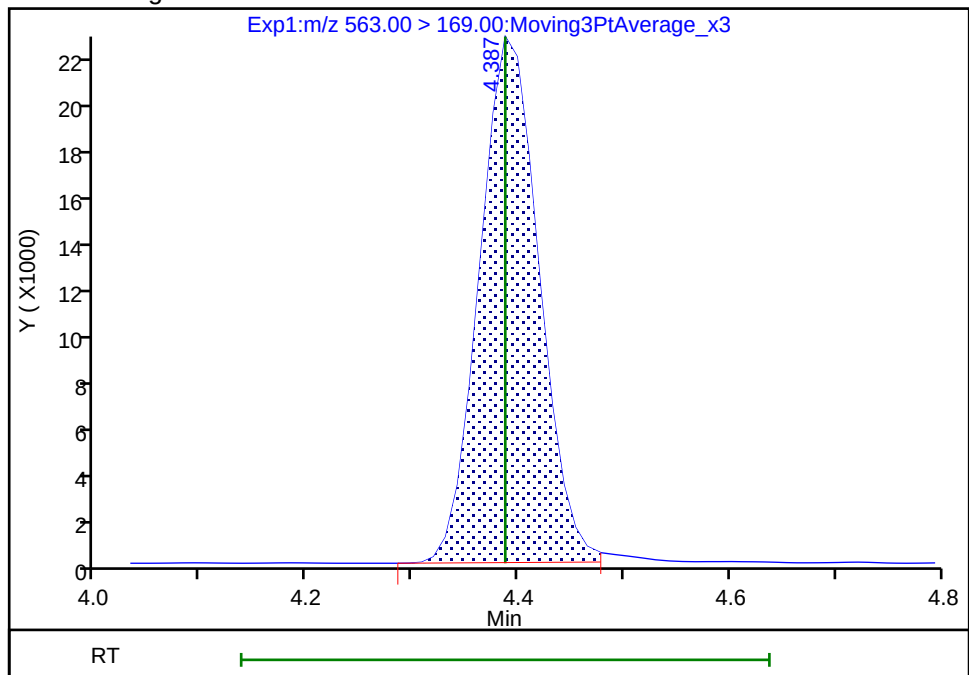
RT: 4.39
Area: 87052
Amount: 0.971001
Amount Units: ng/ml

Processing Integration Results



RT: 4.39
Area: 86261
Amount: 0.971001
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:18:27

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

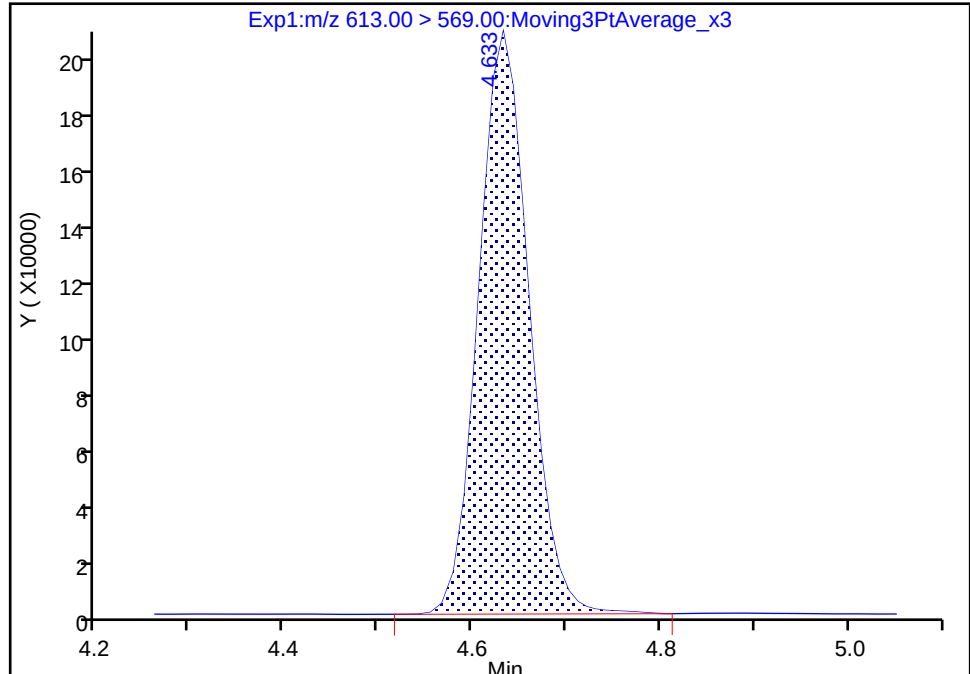
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d
Injection Date: 04-Aug-2022 20:50:28 Instrument ID: LC812
Lims ID: LCS 200-182357/2-A
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

37 Perfluorododecanoic acid, CAS: 307-55-1

Signal: 1

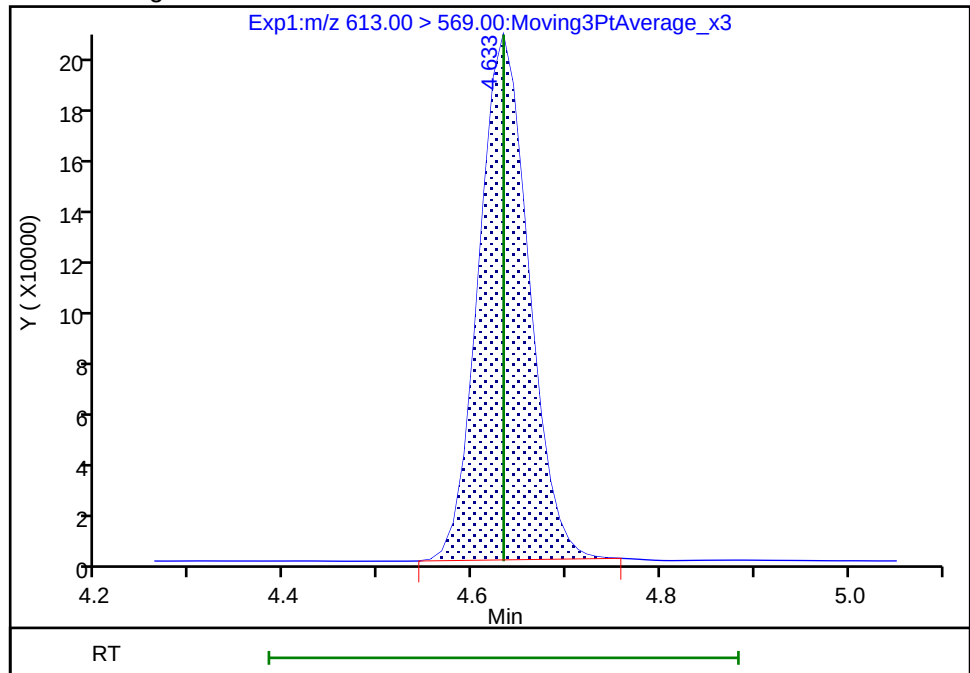
RT: 4.63
Area: 744221
Amount: 1.021251
Amount Units: ng/ml

Processing Integration Results



RT: 4.63
Area: 736696
Amount: 1.010925
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:19:06
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
Page 1123 of 1280

08/09/2022

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

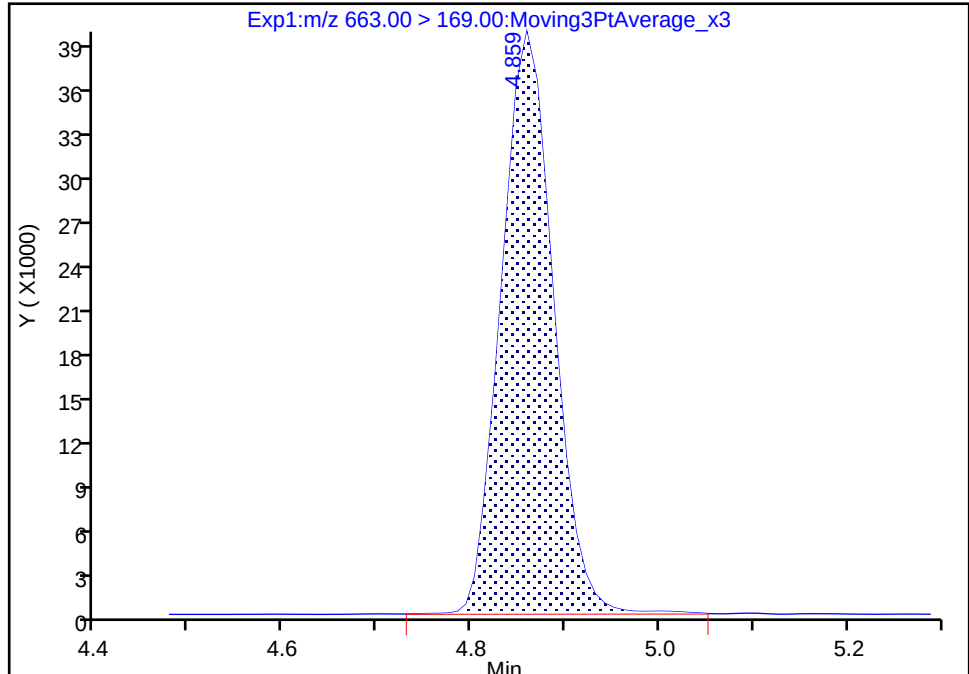
Detector: EXP1

41 Perfluorotridecanoic acid, CAS: 72629-94-8

Signal: 2

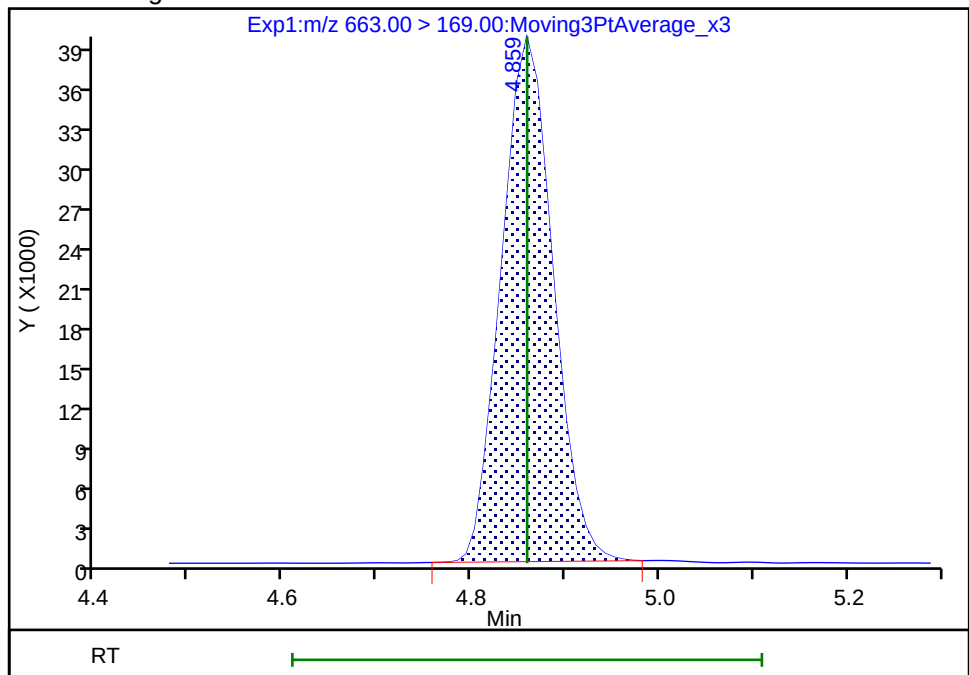
RT: 4.86
Area: 152793
Amount: 1.070405
Amount Units: ng/ml

Processing Integration Results



RT: 4.86
Area: 150633
Amount: 1.059649
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:26:13

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor:

1.0000

Method: PFC_LC812

Limit Group:

LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

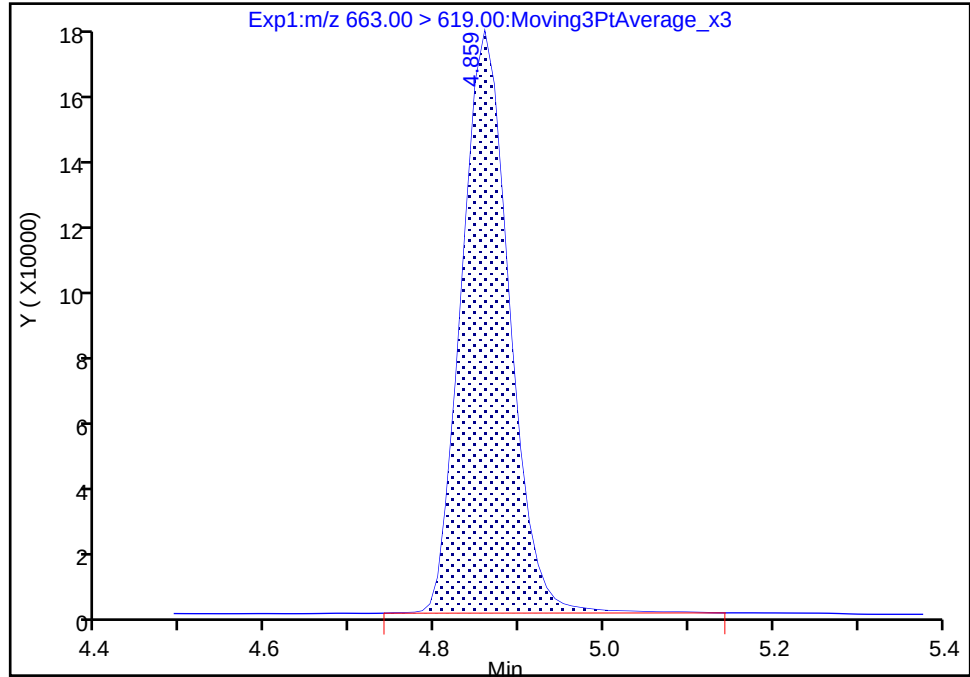
EXP1

41 Perfluorotridecanoic acid, CAS: 72629-94-8

Signal: 1

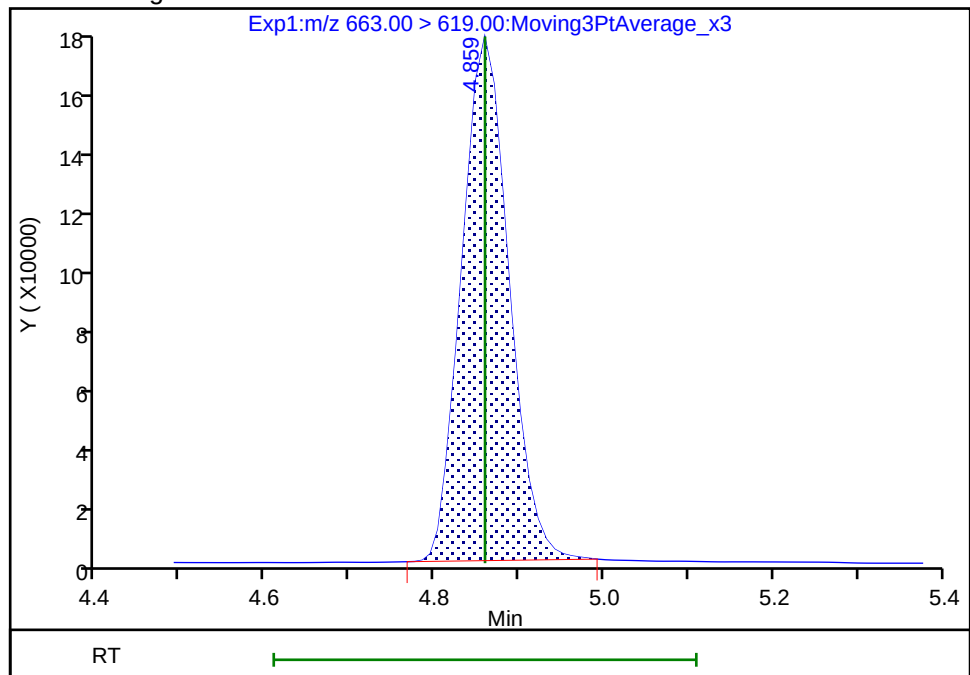
RT: 4.86
Area: 680074
Amount: 1.070405
Amount Units: ng/ml

Processing Integration Results



RT: 4.86
Area: 669396
Amount: 1.059649
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:19:26

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

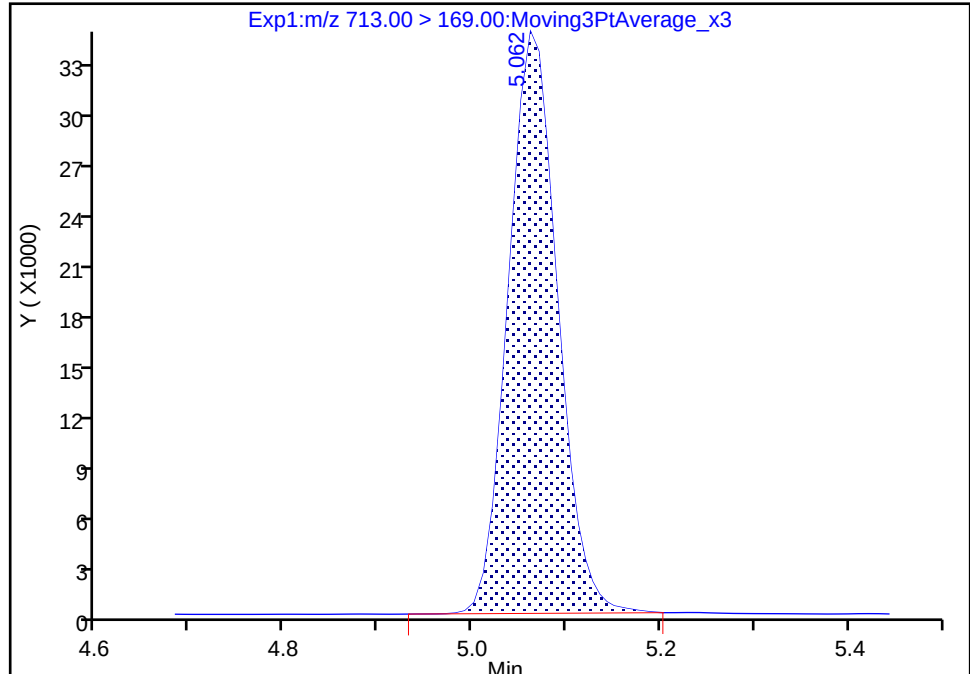
Detector: EXP1

42 Perfluorotetradecanoic acid, CAS: 376-06-7

Signal: 1

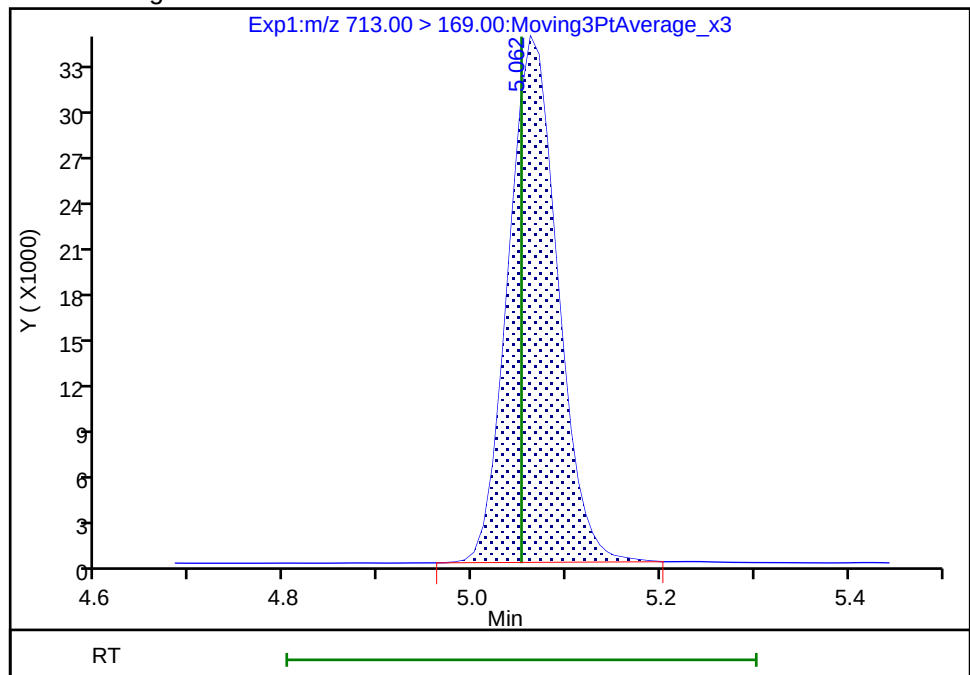
RT: 5.06
Area: 123871
Amount: 1.032165
Amount Units: ng/ml

Processing Integration Results



RT: 5.06
Area: 123877
Amount: 1.039338
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:26:22

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor:

1.0000

Method: PFC_LC812

Limit Group:

LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

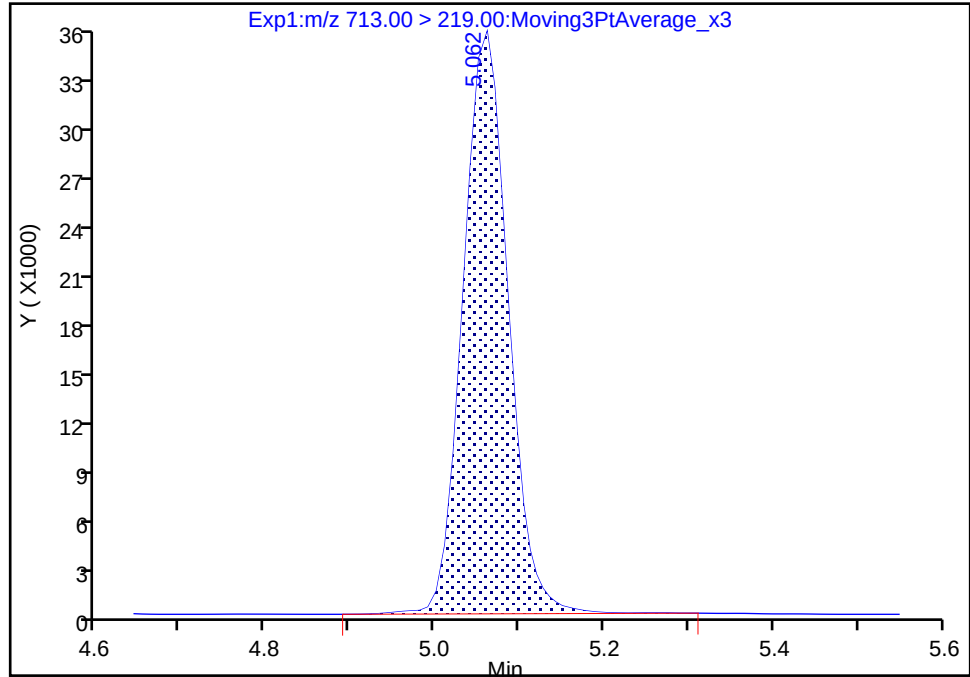
EXP1

42 Perfluorotetradecanoic acid, CAS: 376-06-7

Signal: 2

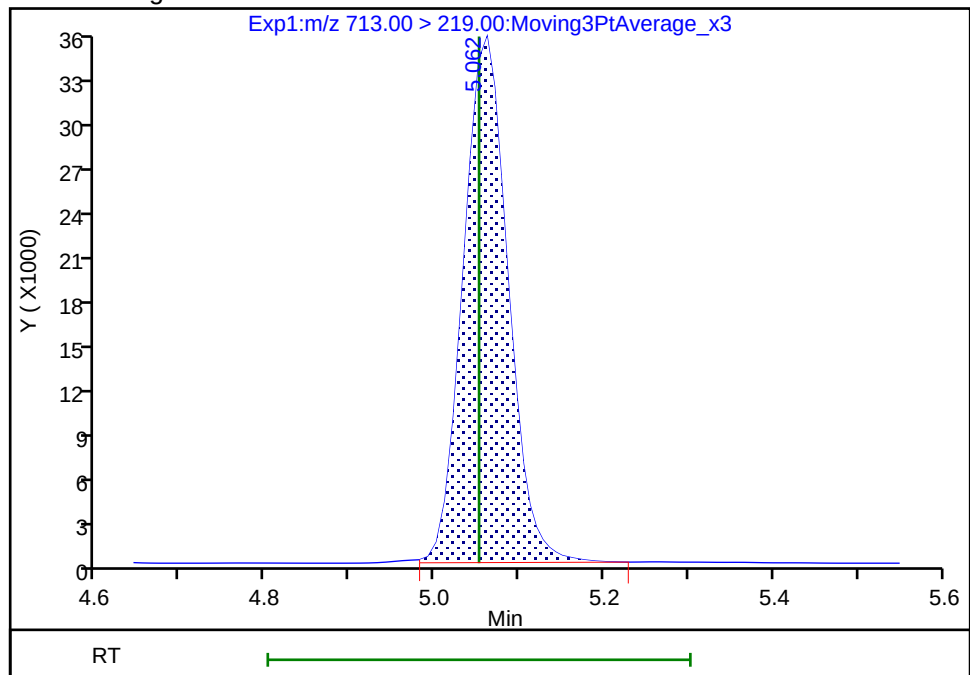
RT: 5.06
Area: 129627
Amount: 1.032165
Amount Units: ng/ml

Processing Integration Results



RT: 5.06
Area: 128962
Amount: 1.039338
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:26:29

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

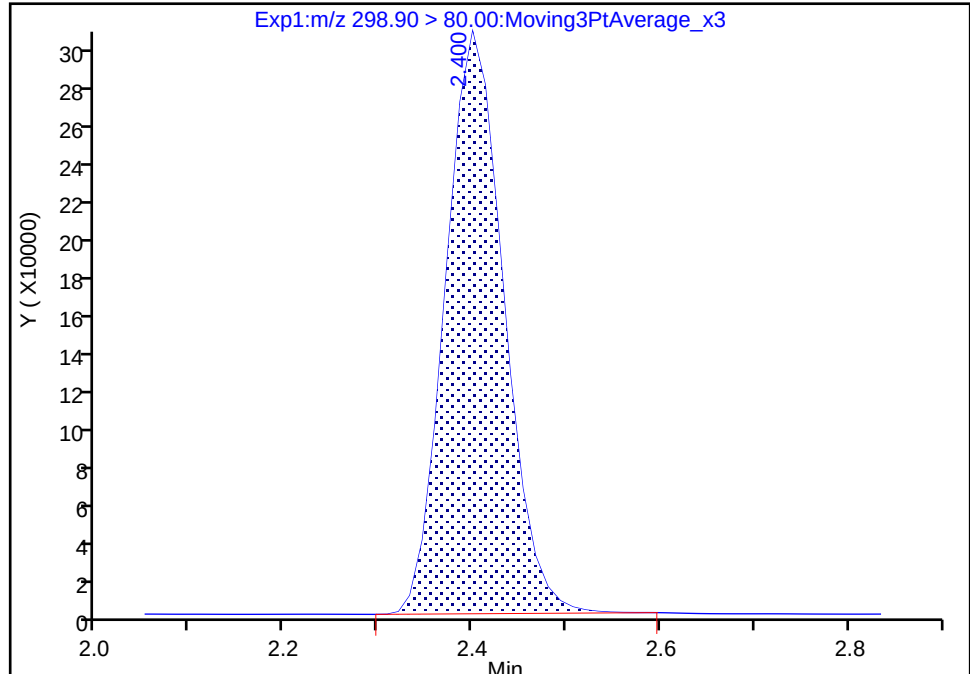
Detector: EXP1

5 Perfluorobutanesulfonic acid, CAS: 375-73-5

Signal: 1

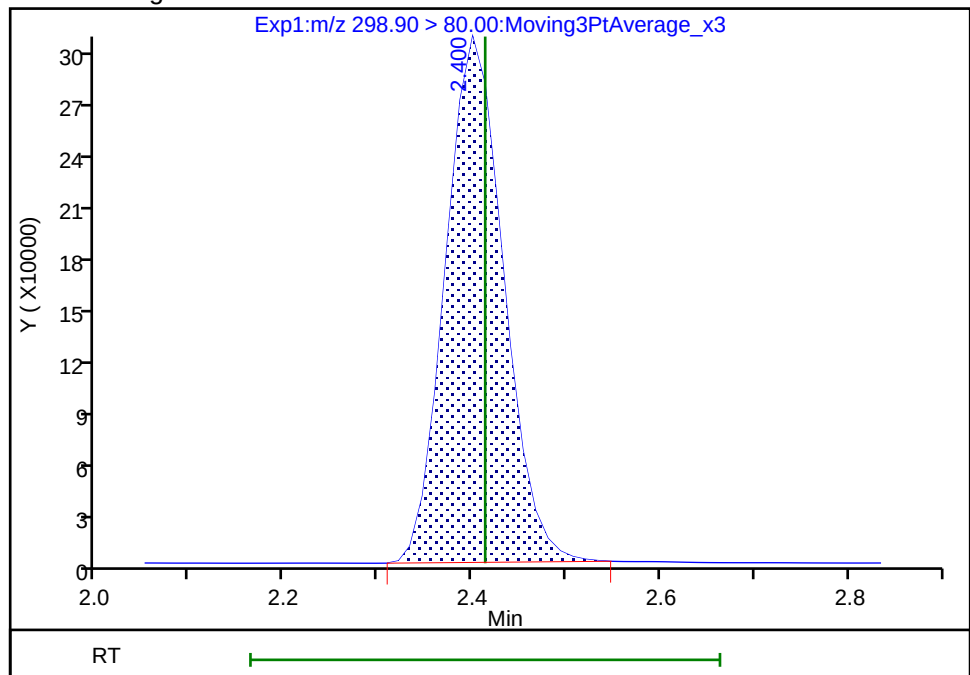
RT: 2.40
Area: 1299042
Amount: 0.879517
Amount Units: ng/ml

Processing Integration Results



RT: 2.40
Area: 1295904
Amount: 0.877393
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:12:23

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

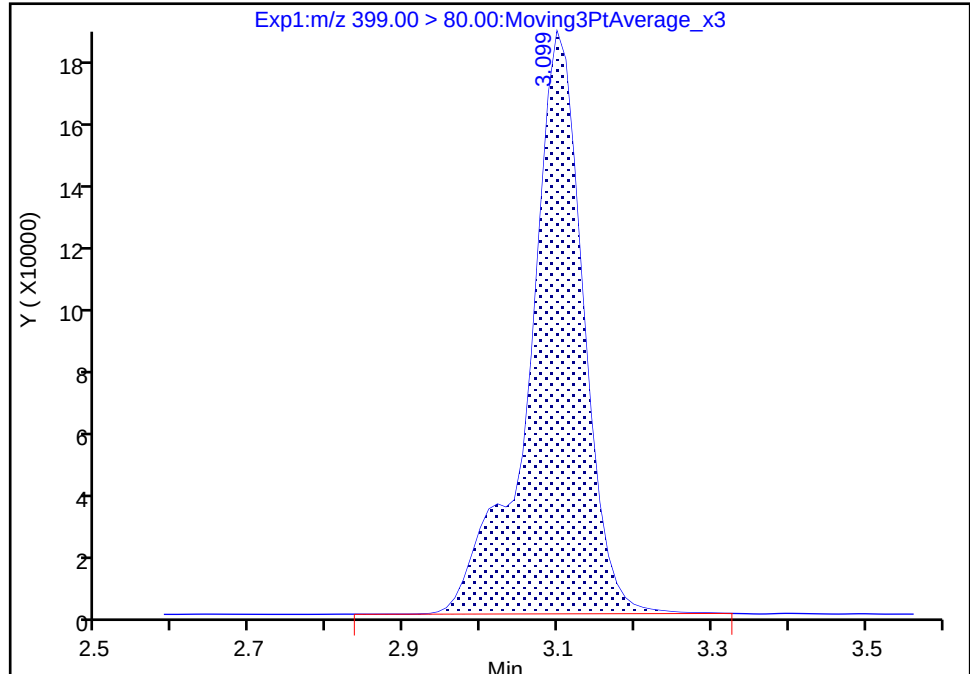
Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 1

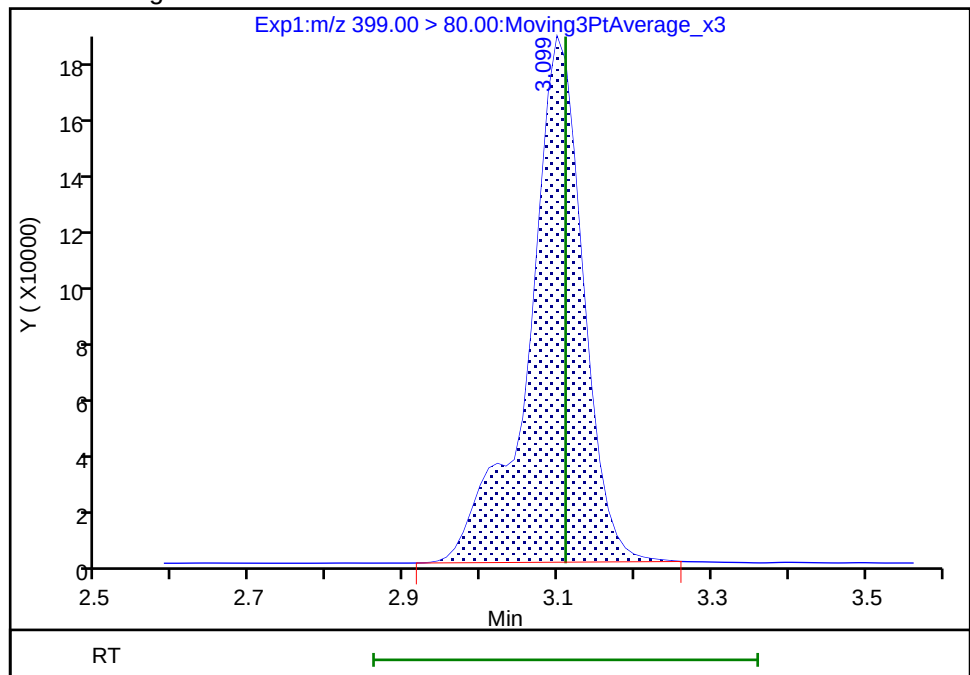
RT: 3.10
Area: 915724
Amount: 0.885618
Amount Units: ng/ml

Processing Integration Results



RT: 3.10
Area: 911059
Amount: 0.882478
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:13:53

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

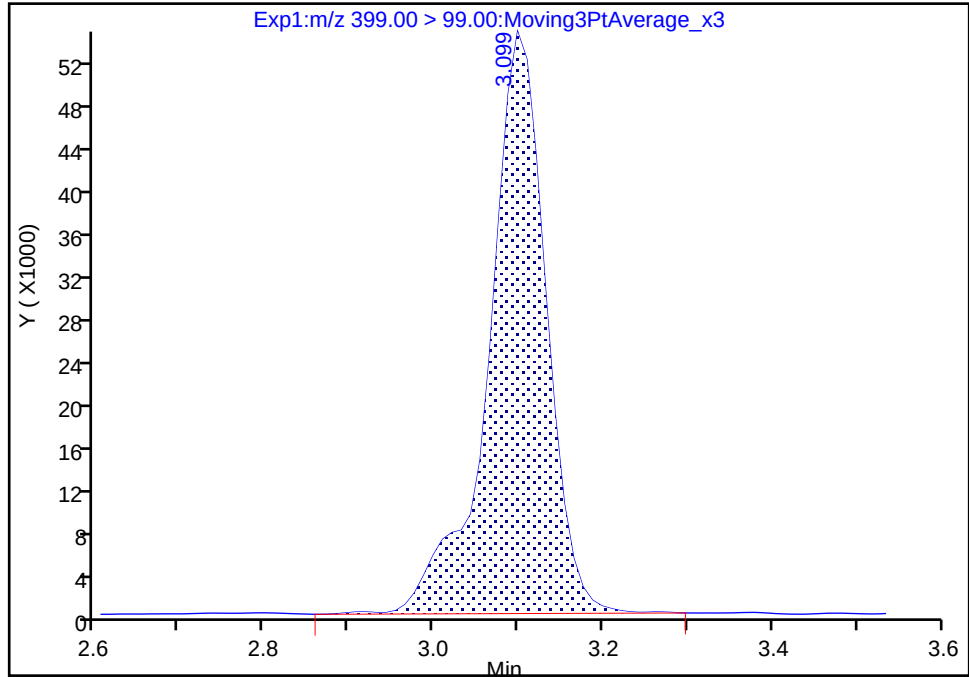
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d
Injection Date: 04-Aug-2022 20:50:28 Instrument ID: LC812
Lims ID: LCS 200-182357/2-A
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 2

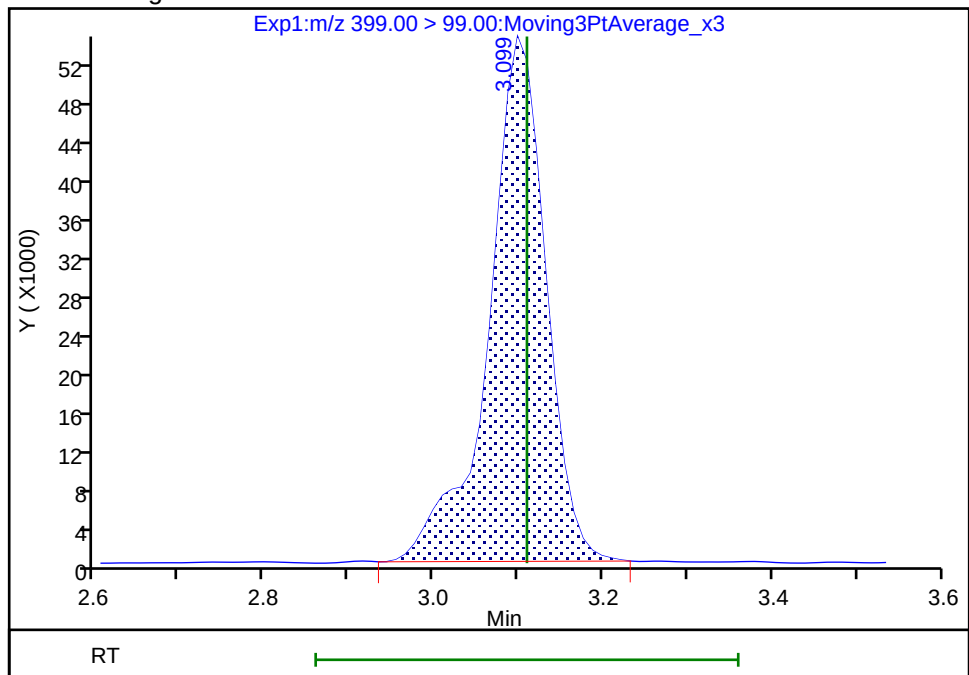
RT: 3.10
Area: 258188
Amount: 0.885618
Amount Units: ng/ml

Processing Integration Results



RT: 3.10
Area: 255371
Amount: 0.882478
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:14:02

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

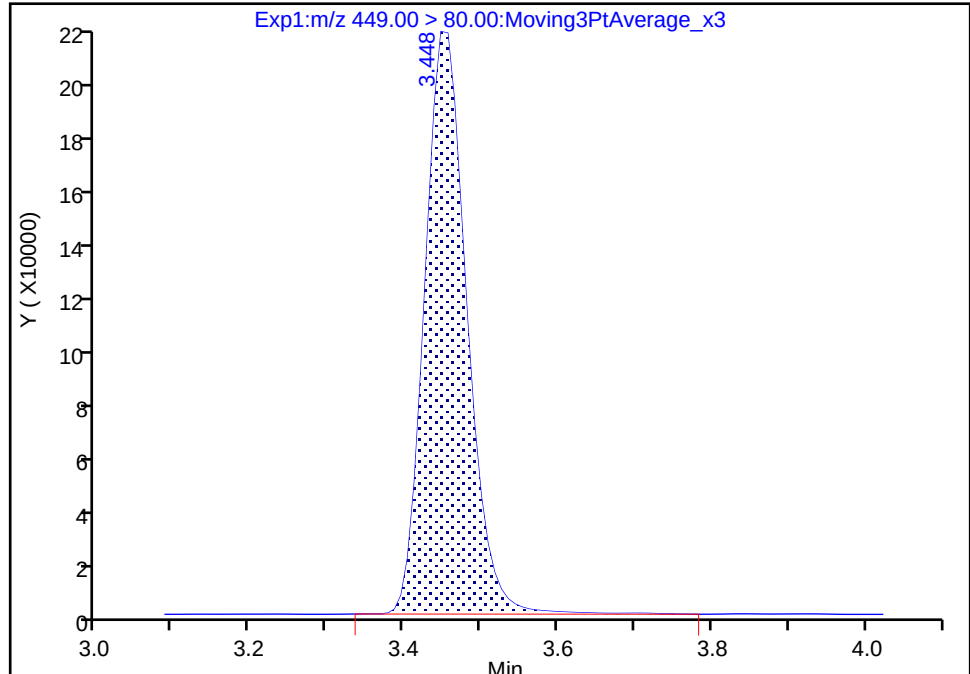
Detector: EXP1

16 Perfluoroheptanesulfonic acid, CAS: 375-92-8

Signal: 1

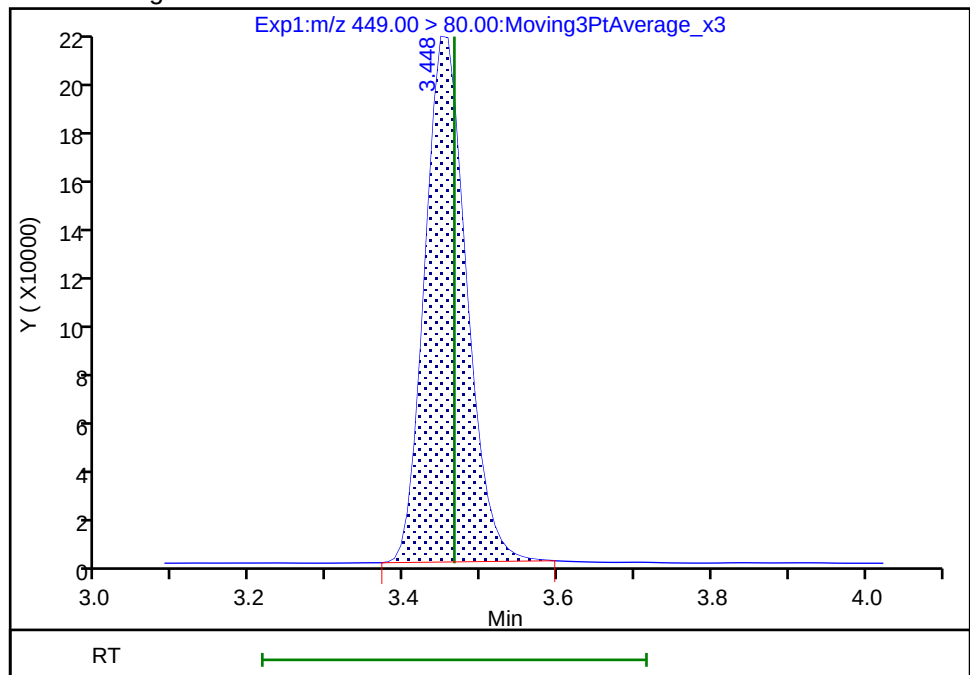
RT: 3.45
Area: 819289
Amount: 1.025073
Amount Units: ng/ml

Processing Integration Results



RT: 3.45
Area: 808726
Amount: 1.011857
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:15:19

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

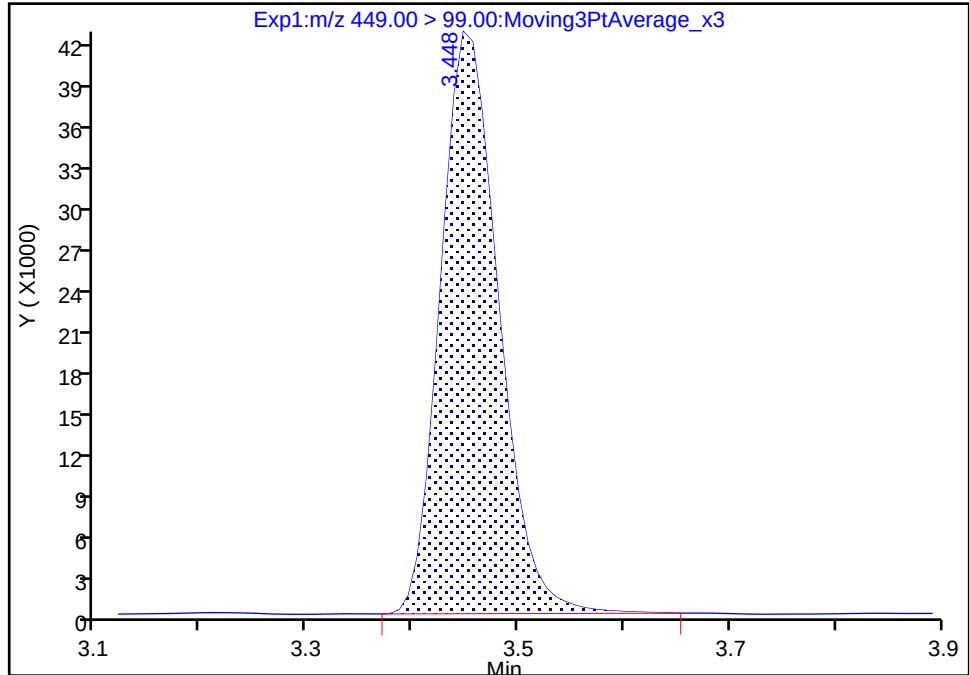
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d
Injection Date: 04-Aug-2022 20:50:28 Instrument ID: LC812
Lims ID: LCS 200-182357/2-A
Client ID:
Operator ID: lc812tech ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

16 Perfluoroheptanesulfonic acid, CAS: 375-92-8

Signal: 2

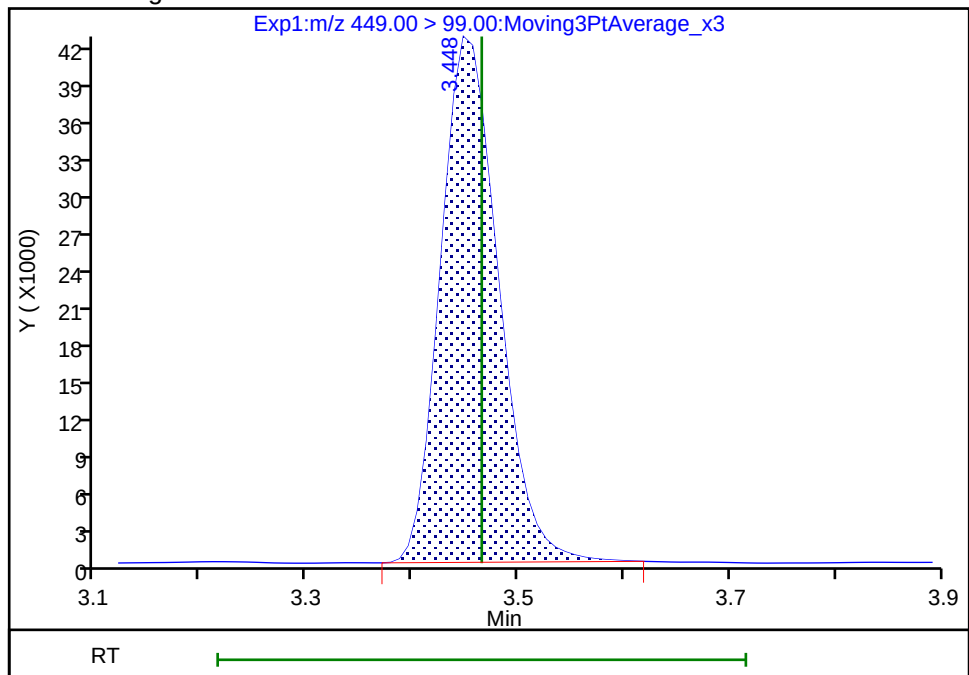
RT: 3.45
Area: 163741
Amount: 1.025073
Amount Units: ng/ml

Processing Integration Results



RT: 3.45
Area: 163133
Amount: 1.011857
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:15:26

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor:

1.0000

Method: PFC_LC812

Limit Group:

LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

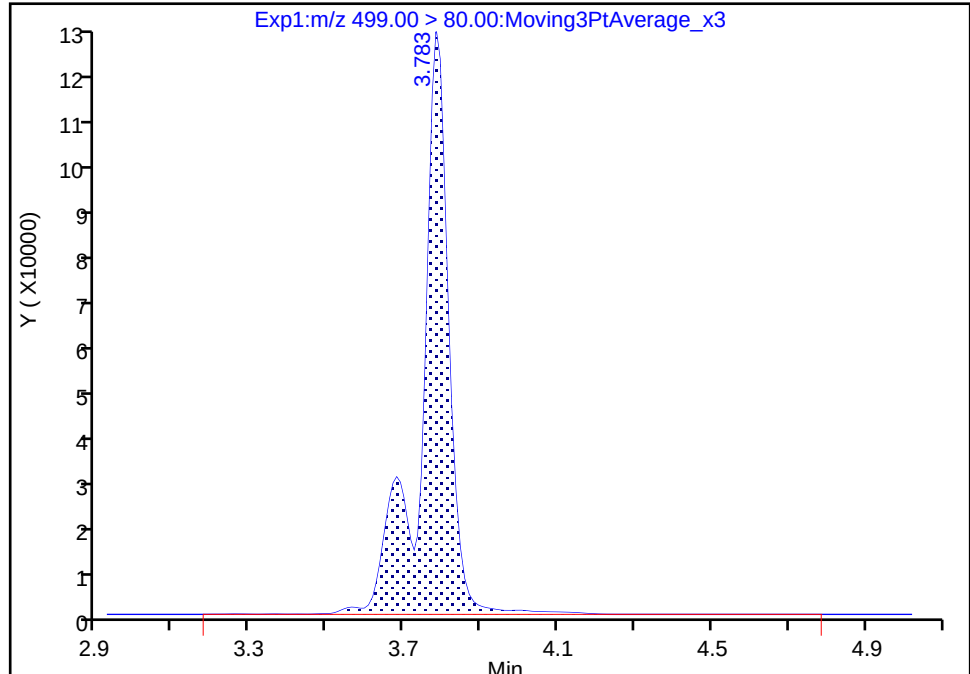
EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 1

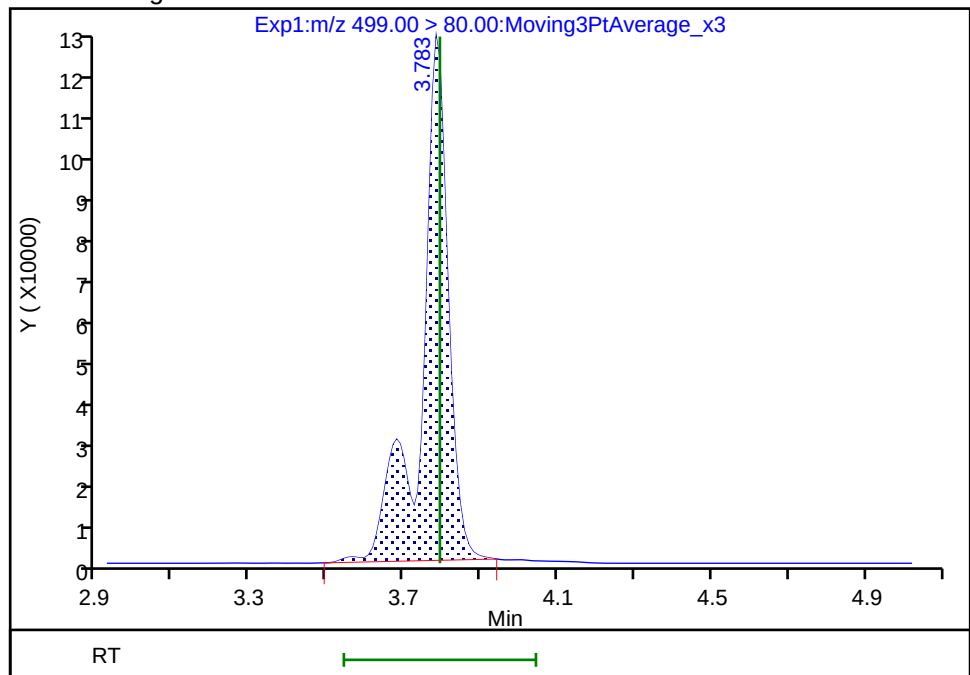
RT: 3.78
Area: 637440
Amount: 0.972313
Amount Units: ng/ml

Processing Integration Results



RT: 3.78
Area: 613724
Amount: 0.935451
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:16:31

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor:

1.0000

Method: PFC_LC812

Limit Group:

LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

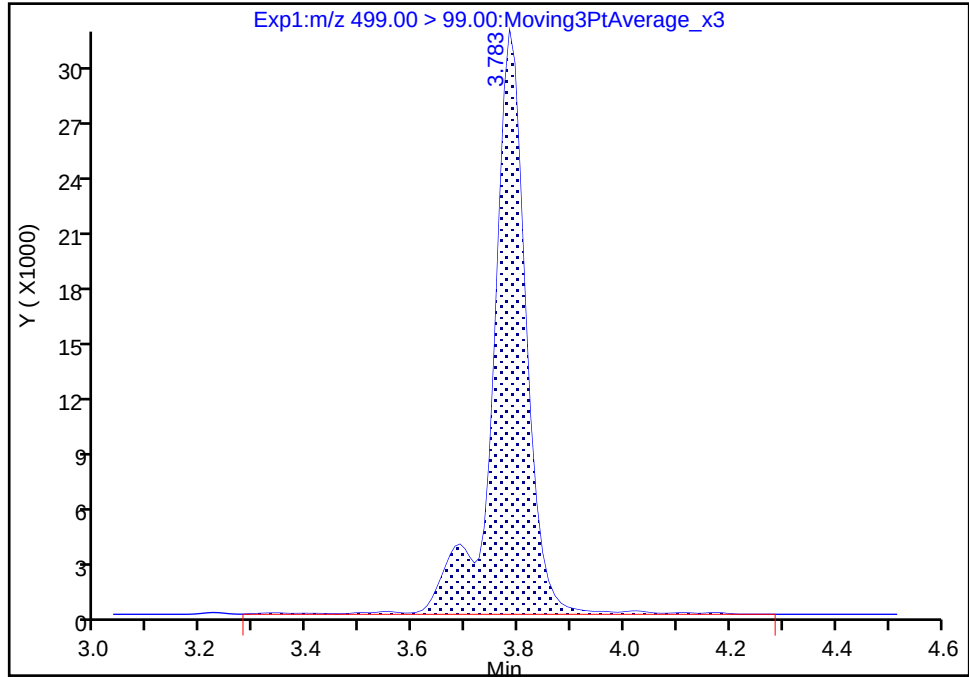
EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 2

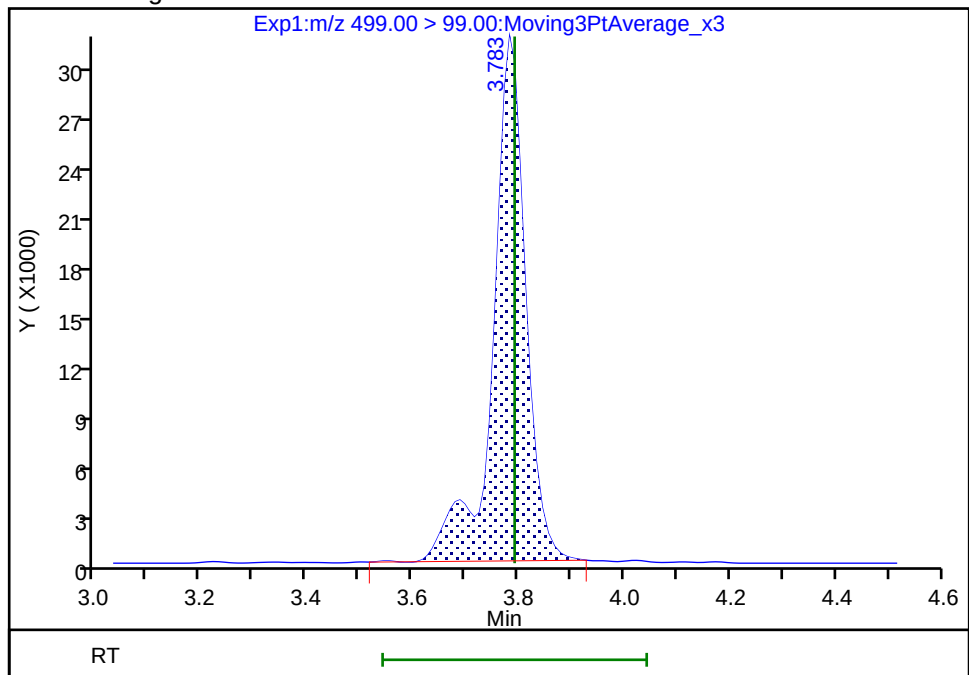
RT: 3.78
Area: 137772
Amount: 0.972313
Amount Units: ng/ml

Processing Integration Results



RT: 3.78
Area: 132751
Amount: 0.935451
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:16:36

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor:

1.0000

Method: PFC_LC812

Limit Group:

LC_PFC_ICAL

Column: C-18 (4.60 mm)

Detector

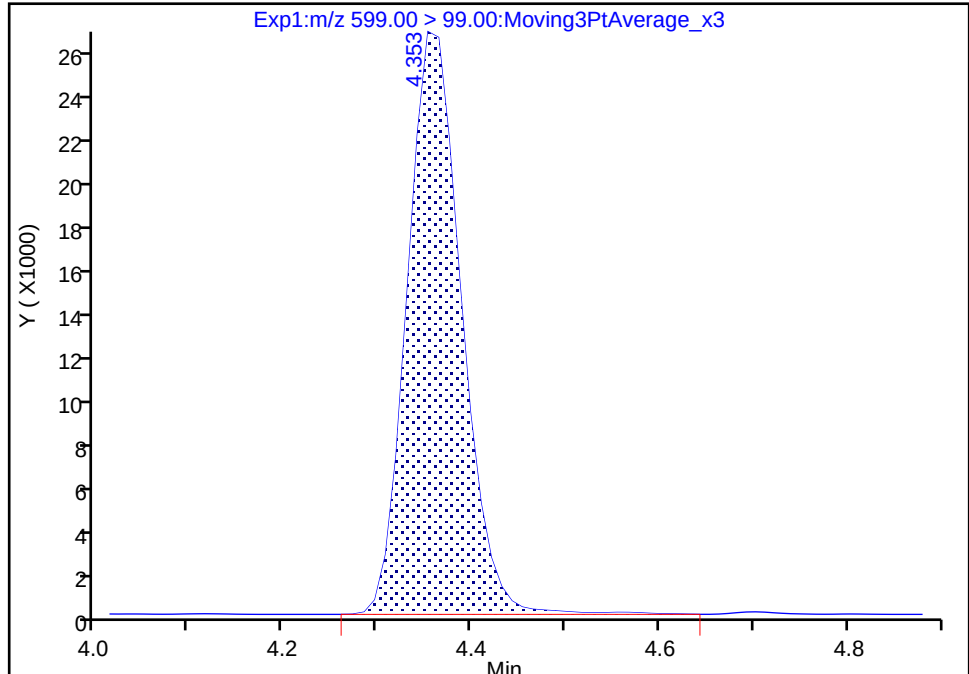
EXP1

29 Perfluorodecanesulfonic acid, CAS: 335-77-3

Signal: 2

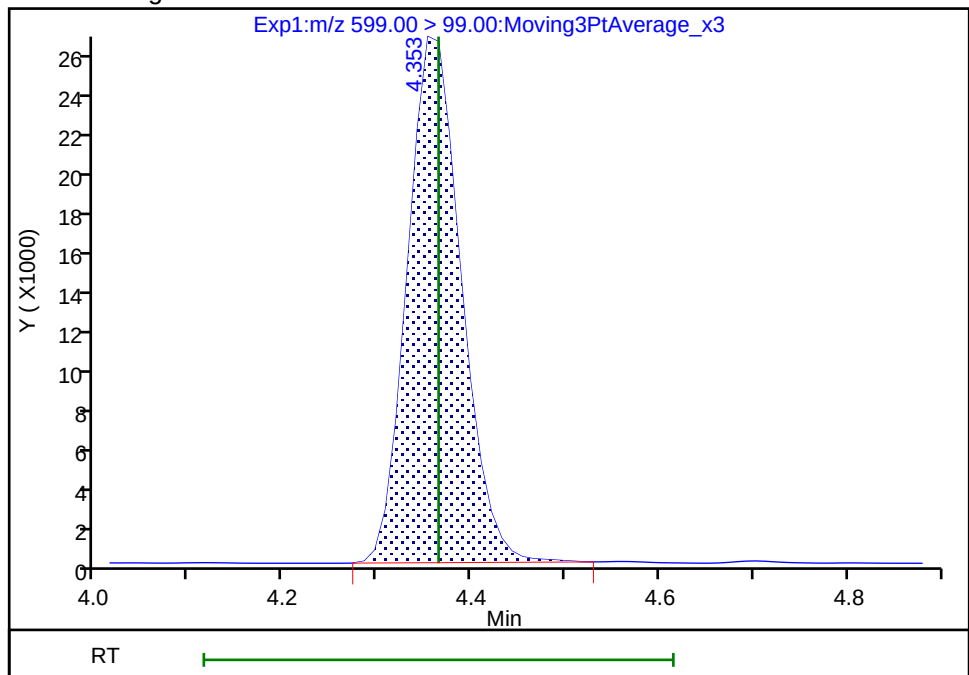
RT: 4.35
Area: 106316
Amount: 0.700964
Amount Units: ng/ml

Processing Integration Results



RT: 4.35
Area: 105416
Amount: 0.700964
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:25:32

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

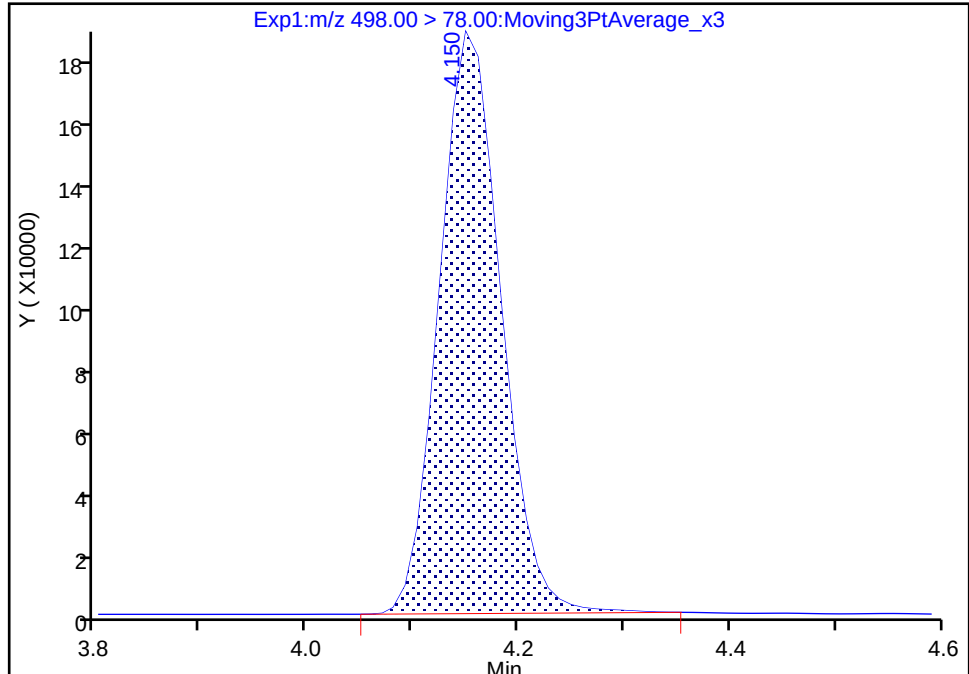
Detector: EXP1

22 Perfluorooctanesulfonamide, CAS: 754-91-6

Signal: 1

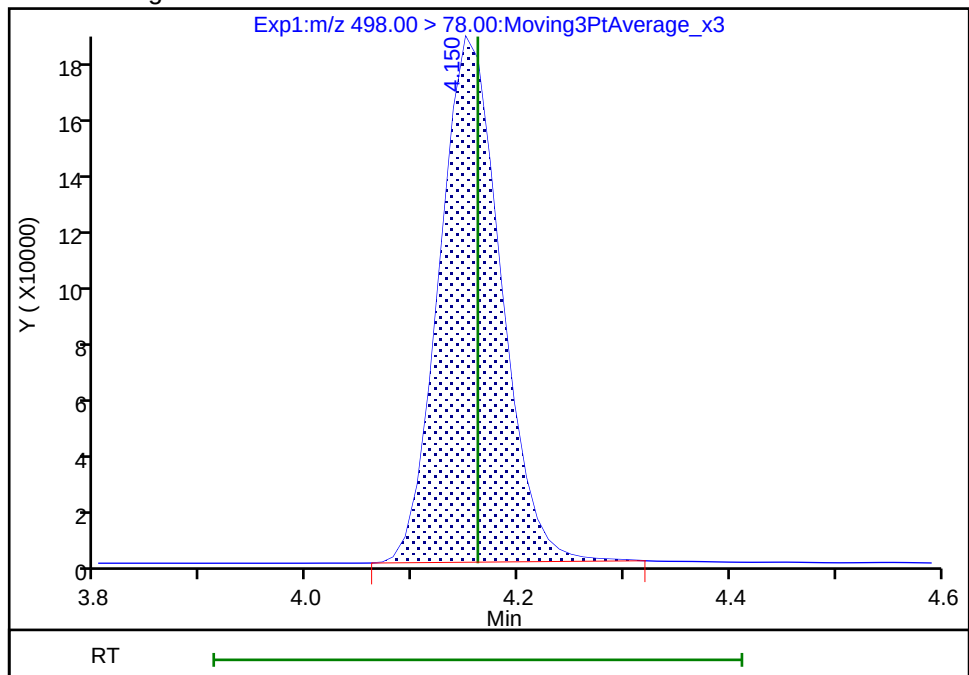
RT: 4.15
Area: 756453
Amount: 0.975689
Amount Units: ng/ml

Processing Integration Results



RT: 4.15
Area: 753775
Amount: 0.972235
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:17:39

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

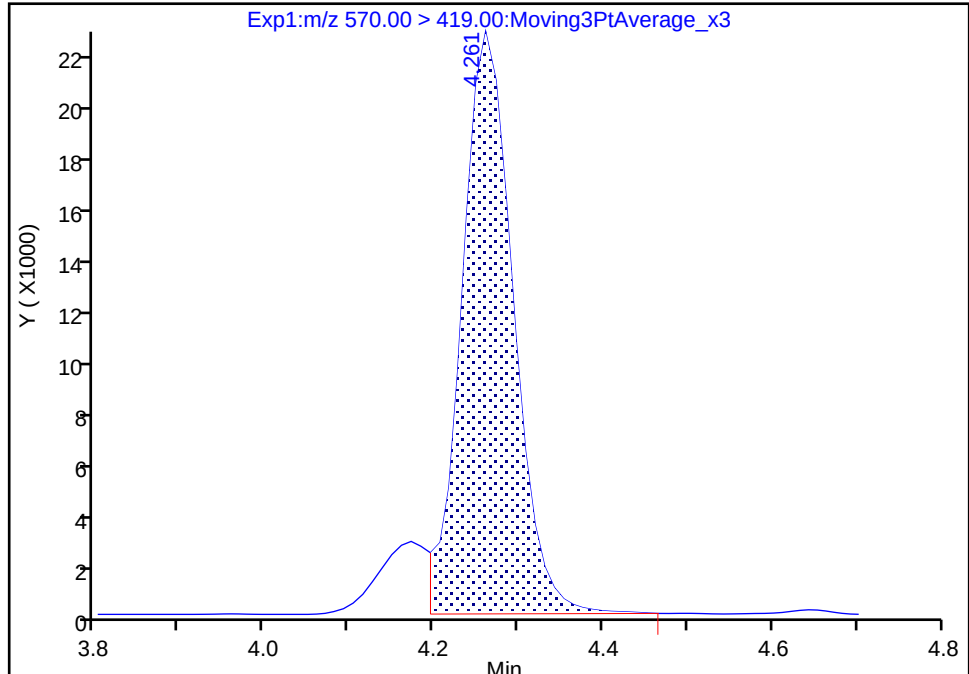
Detector: EXP1

28 N-methylperfluorooctanesulfonami, CAS: 2355-31-9

Signal: 1

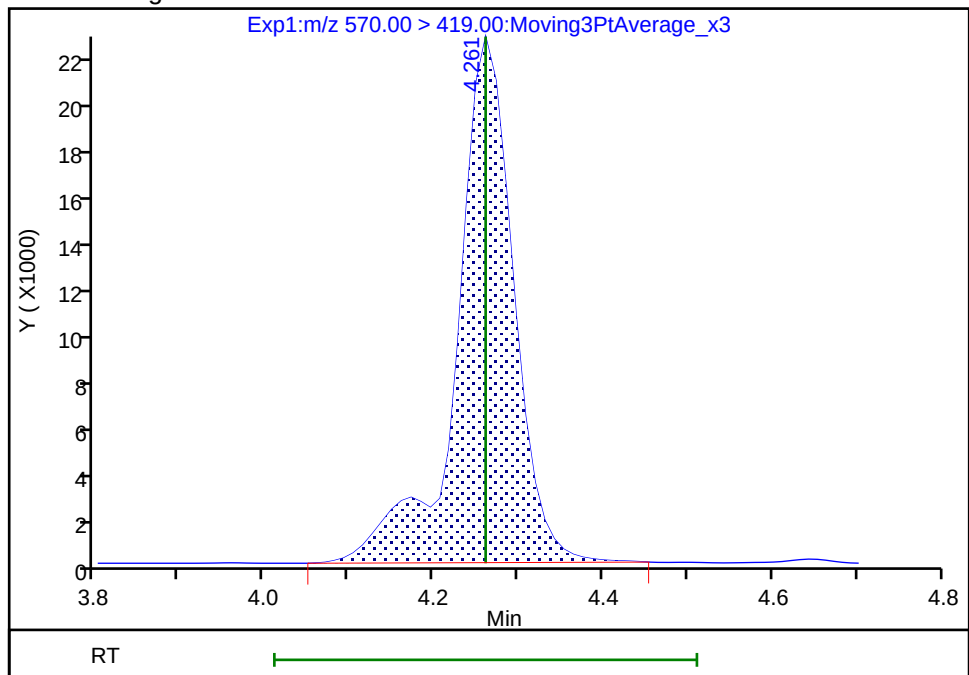
RT: 4.26
Area: 93123
Amount: 0.940783
Amount Units: ng/ml

Processing Integration Results



RT: 4.26
Area: 103837
Amount: 1.052080
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:17:48

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

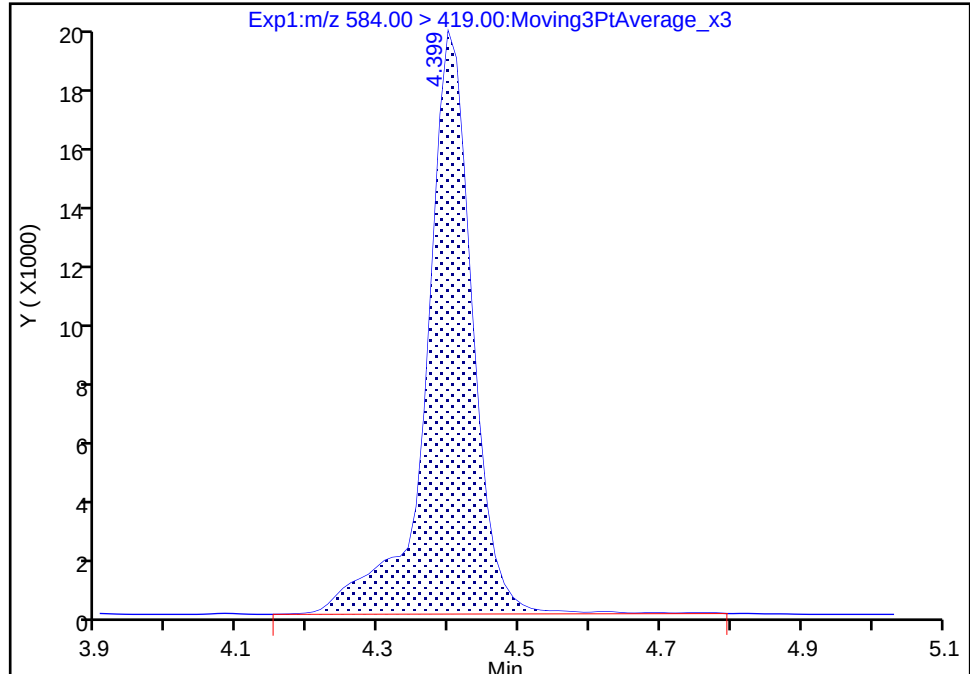
Detector: EXP1

33 N-ethylperfluorooctanesulfonamid, CAS: 2991-50-6

Signal: 1

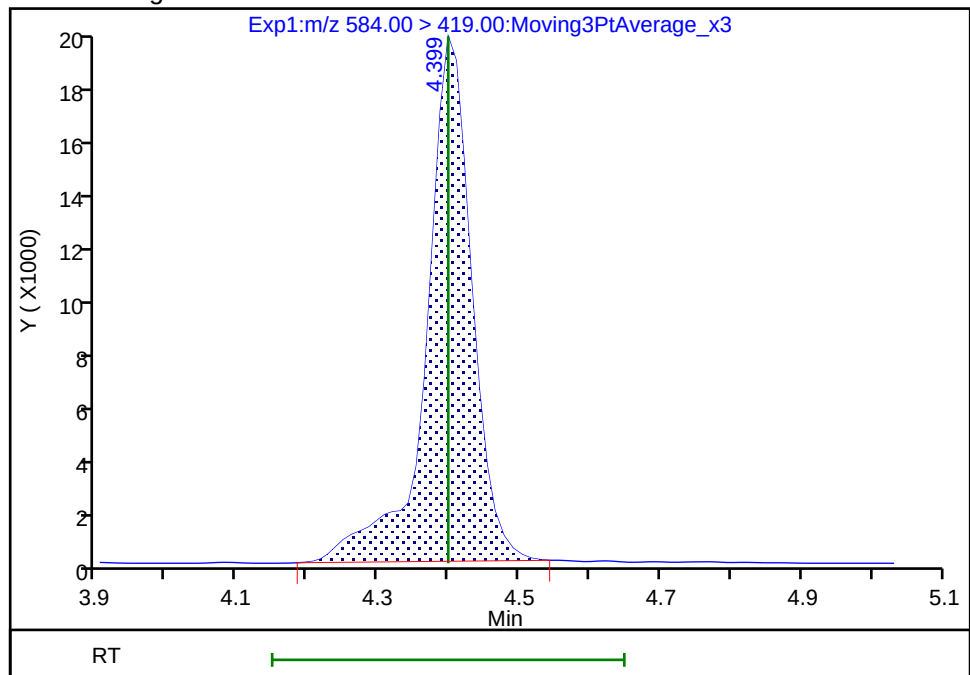
RT: 4.40
Area: 88840
Amount: 0.971325
Amount Units: ng/ml

Processing Integration Results



RT: 4.40
Area: 87064
Amount: 0.961829
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:18:39

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

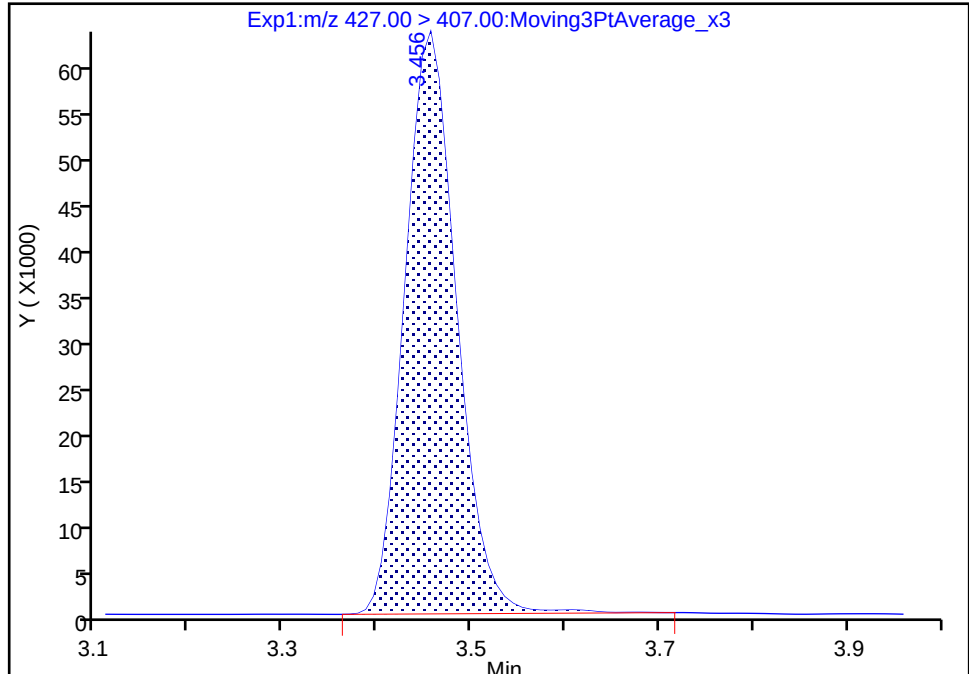
Detector: EXP1

13 1H,1H,2H,2H-perfluorooctanesulfo, CAS: 27619-97-2

Signal: 1

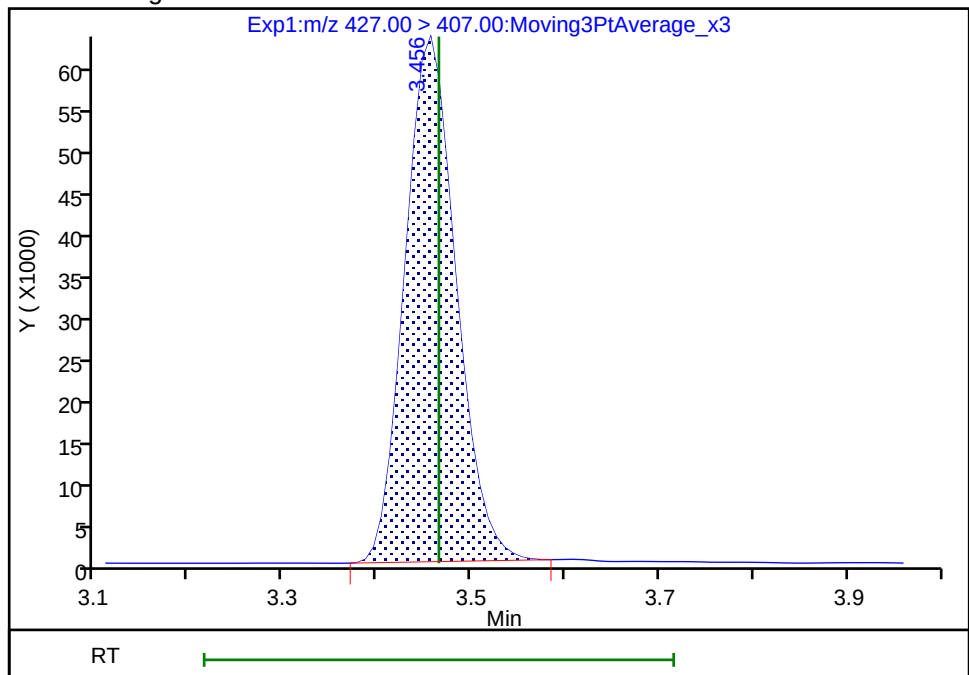
RT: 3.46
Area: 243954
Amount: 1.001804
Amount Units: ng/ml

Processing Integration Results



RT: 3.46
Area: 240790
Amount: 0.993246
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:24:11

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

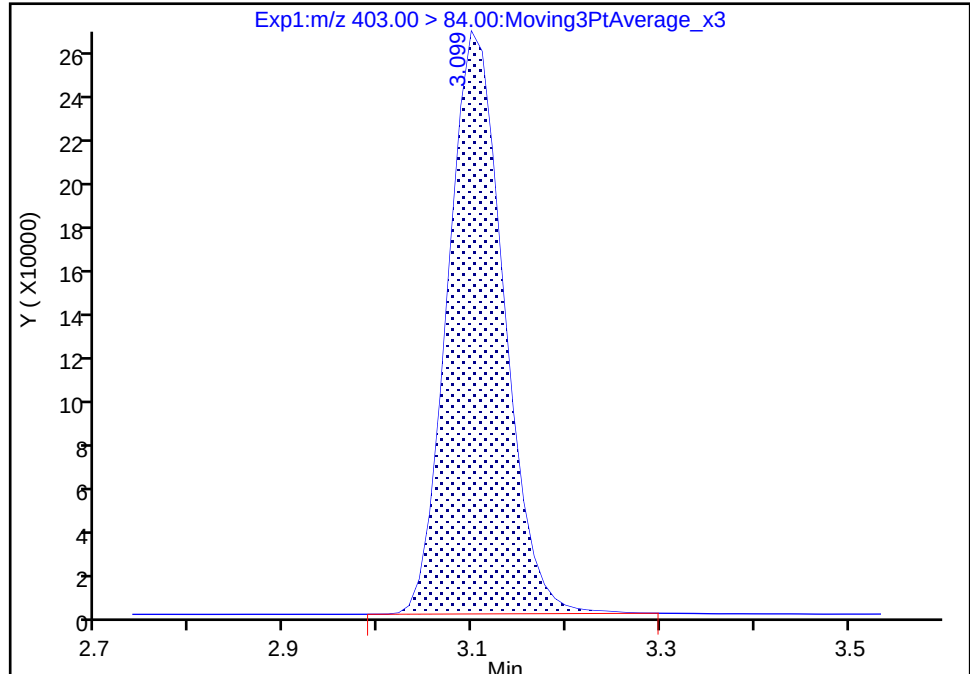
Detector: EXP1

D 11 18O2 PFHxS, CAS: STL00994

Signal: 1

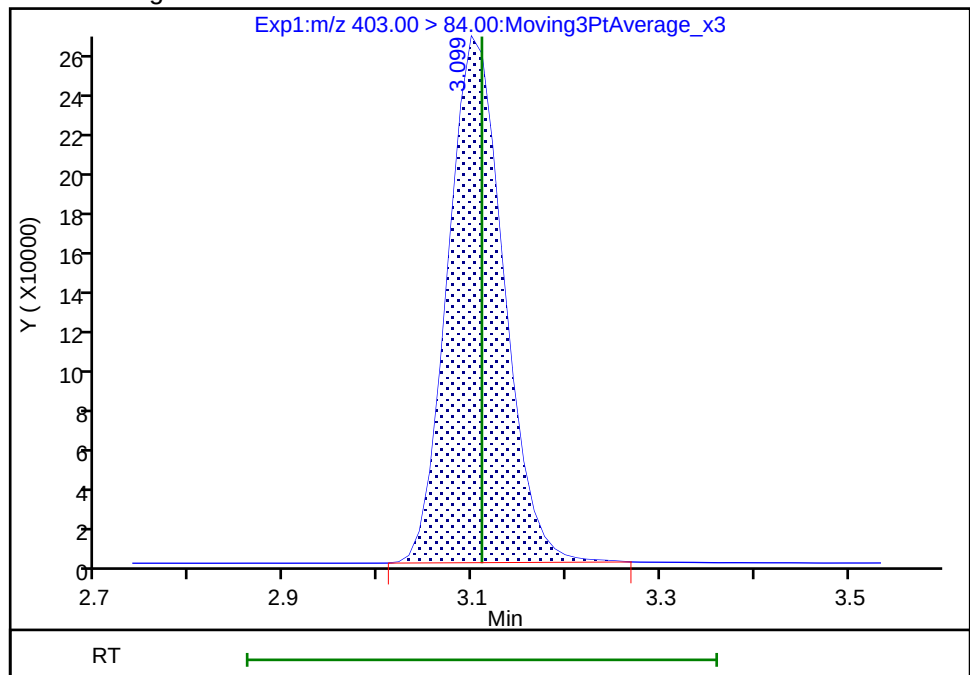
RT: 3.10
Area: 1108580
Amount: 1.021932
Amount Units: ng/ml

Processing Integration Results



RT: 3.10
Area: 1106857
Amount: 1.027121
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:13:45

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

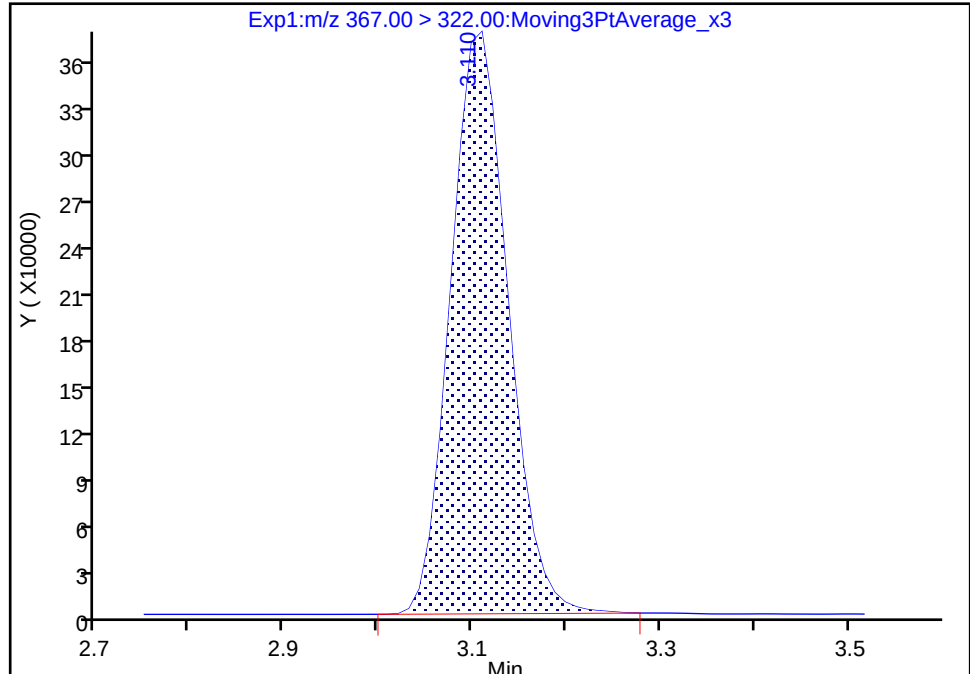
Detector: EXP1

D 9 13C4 PFHpA, CAS: STL01892

Signal: 1

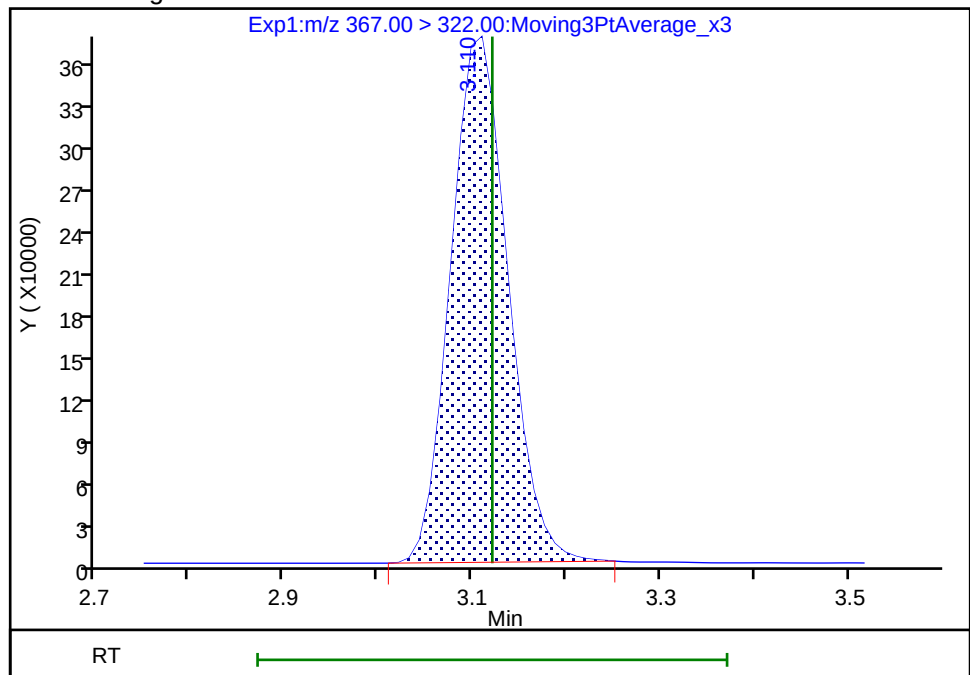
RT: 3.11
Area: 1568747
Amount: 1.136424
Amount Units: ng/ml

Processing Integration Results



RT: 3.11
Area: 1562894
Amount: 1.139705
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:14:08

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

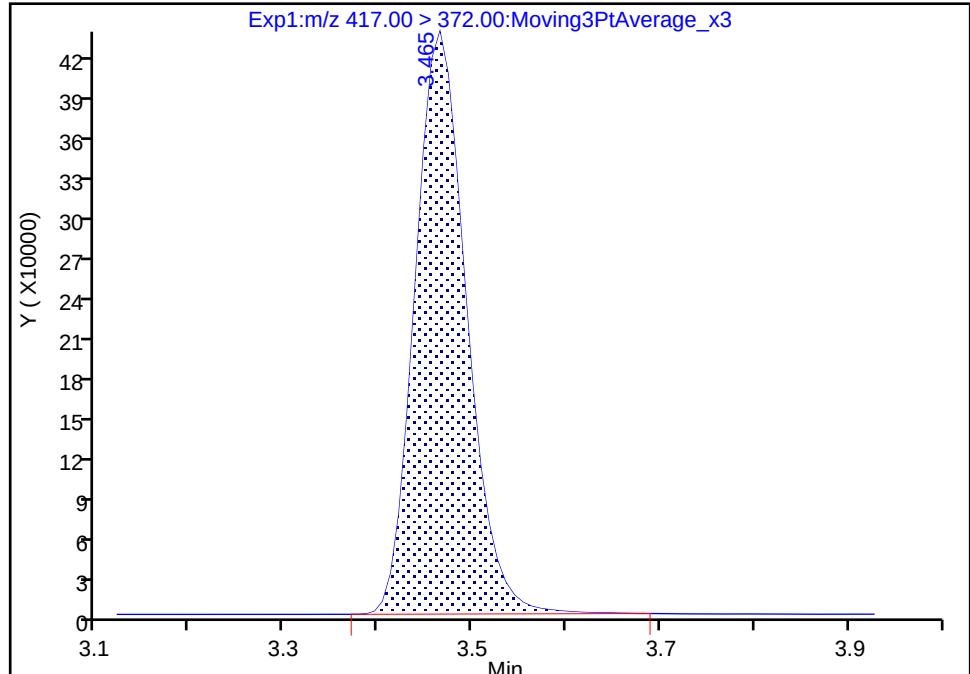
Detector: EXP1

D 14 13C4 PFOA, CAS: STL00990

Signal: 1

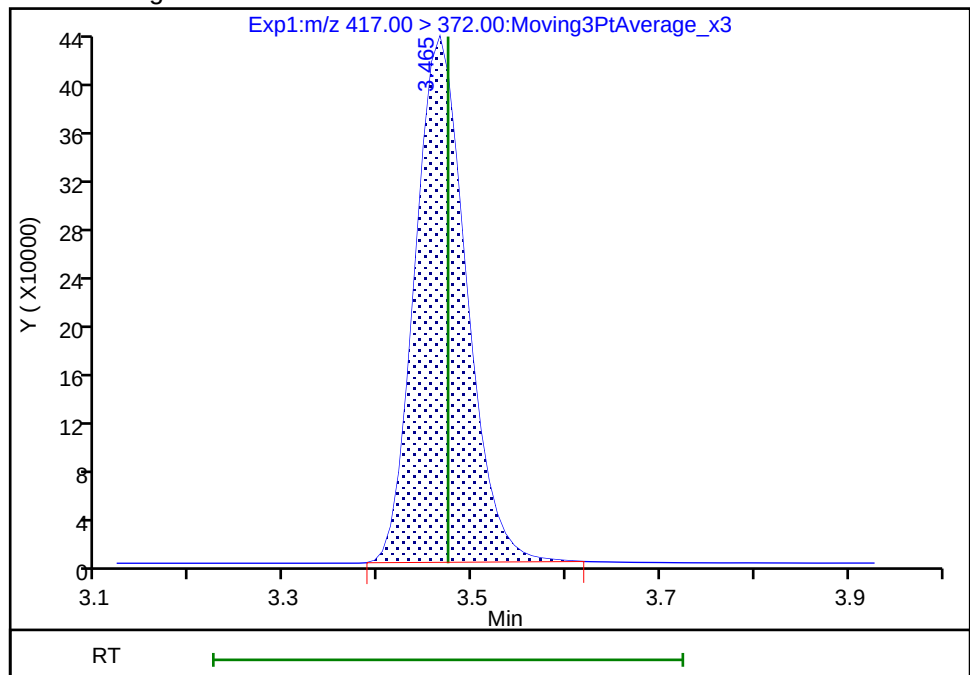
RT: 3.47
Area: 1657969
Amount: 1.172126
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 1647471
Amount: 1.172441
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:16:06

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

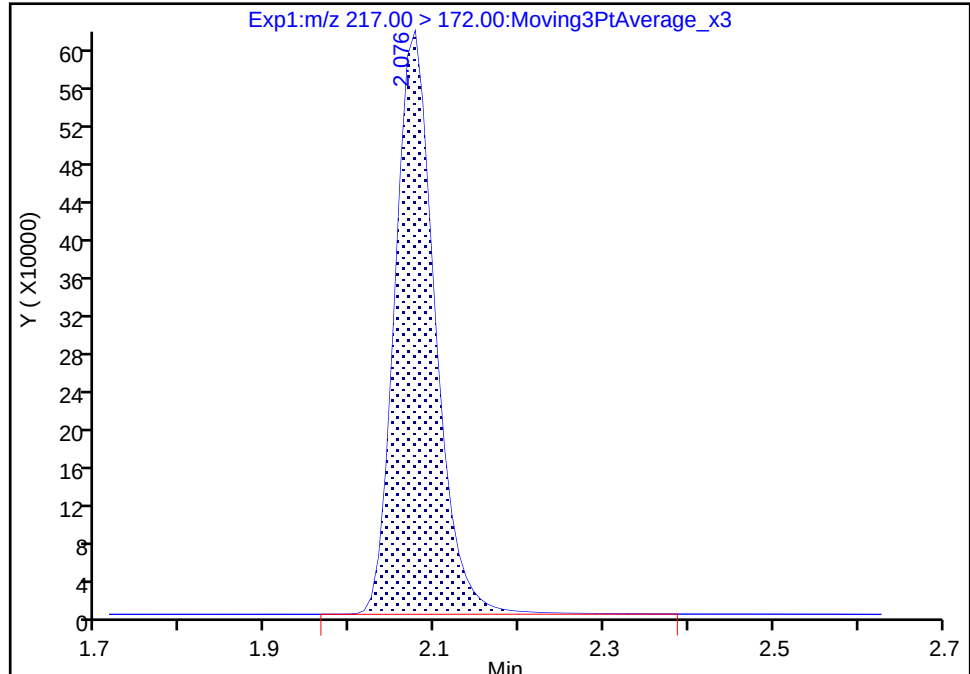
Detector: EXP1

D 1 13C4 PFBA, CAS: STL00992

Signal: 1

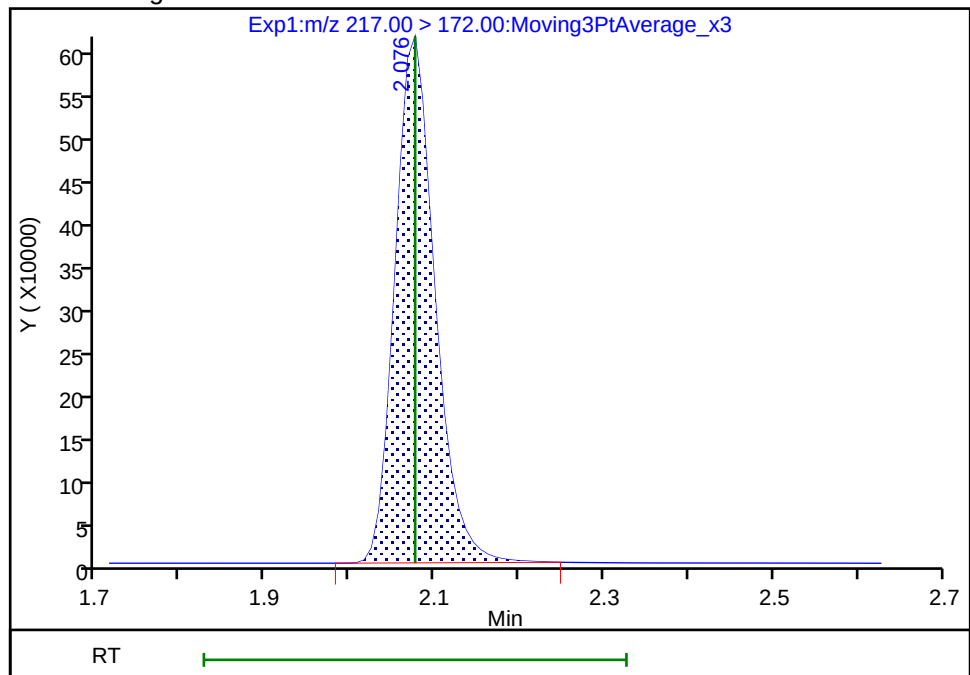
RT: 2.08
Area: 2000043
Amount: 1.154060
Amount Units: ng/ml

Processing Integration Results



RT: 2.08
Area: 1990177
Amount: 1.155995
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:10:35

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

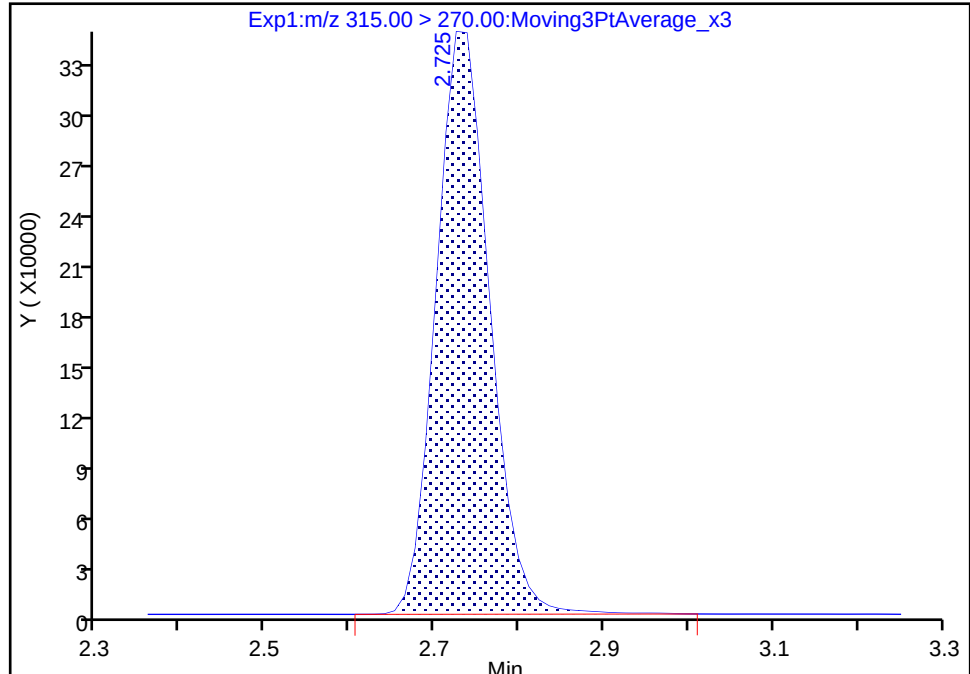
Detector: EXP1

D 7 13C2 PFHxA, CAS: STL00993

Signal: 1

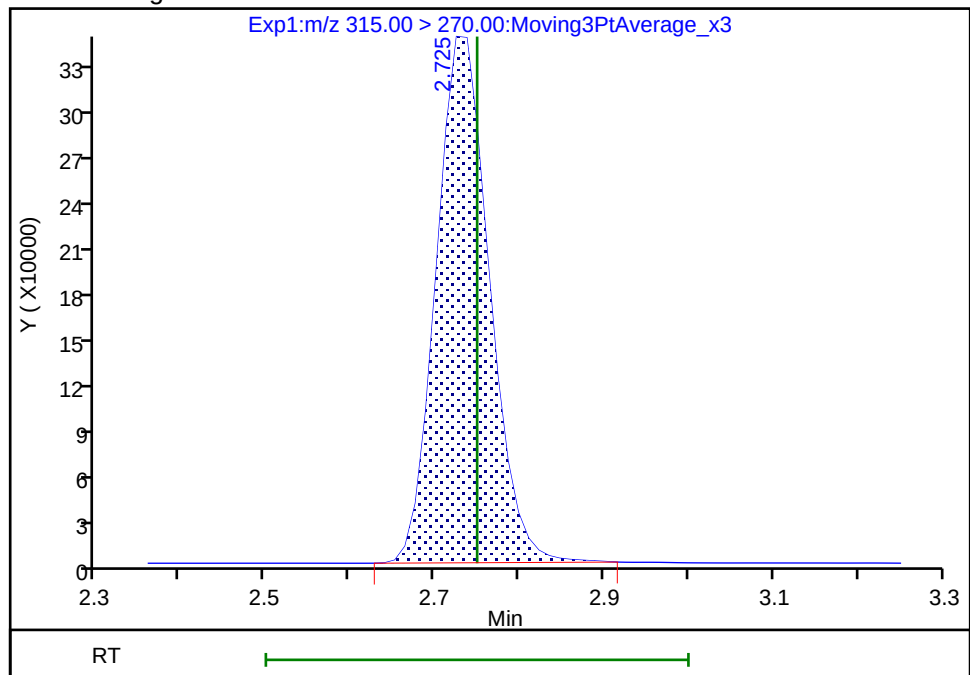
RT: 2.73
Area: 1492022
Amount: 1.121102
Amount Units: ng/ml

Processing Integration Results



RT: 2.73
Area: 1485203
Amount: 1.123391
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:12:46

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

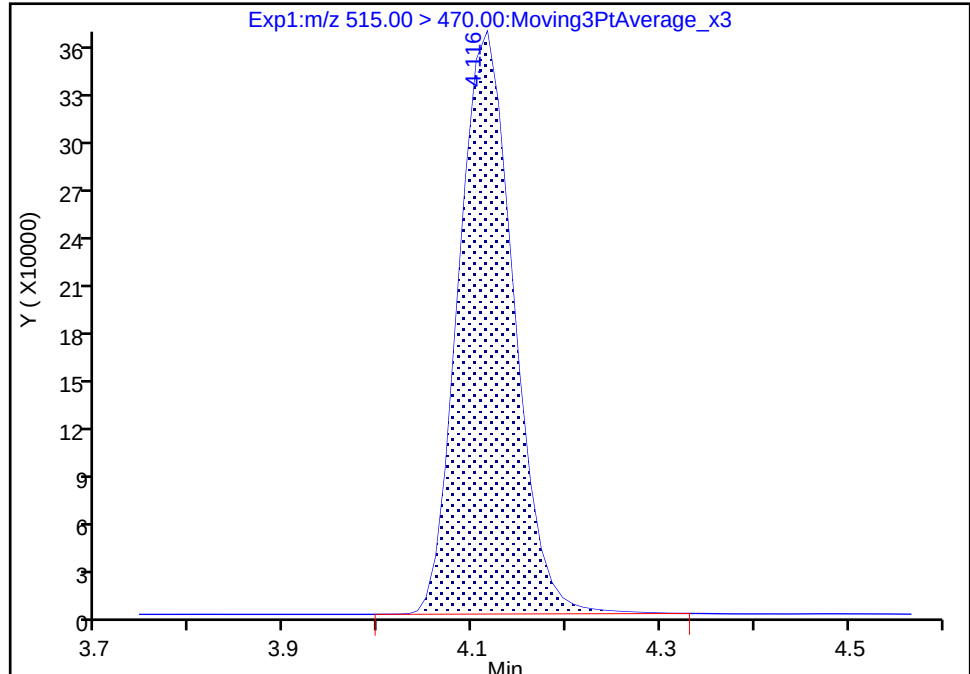
Detector: EXP1

D 23 13C2 PFDA, CAS: STL00996

Signal: 1

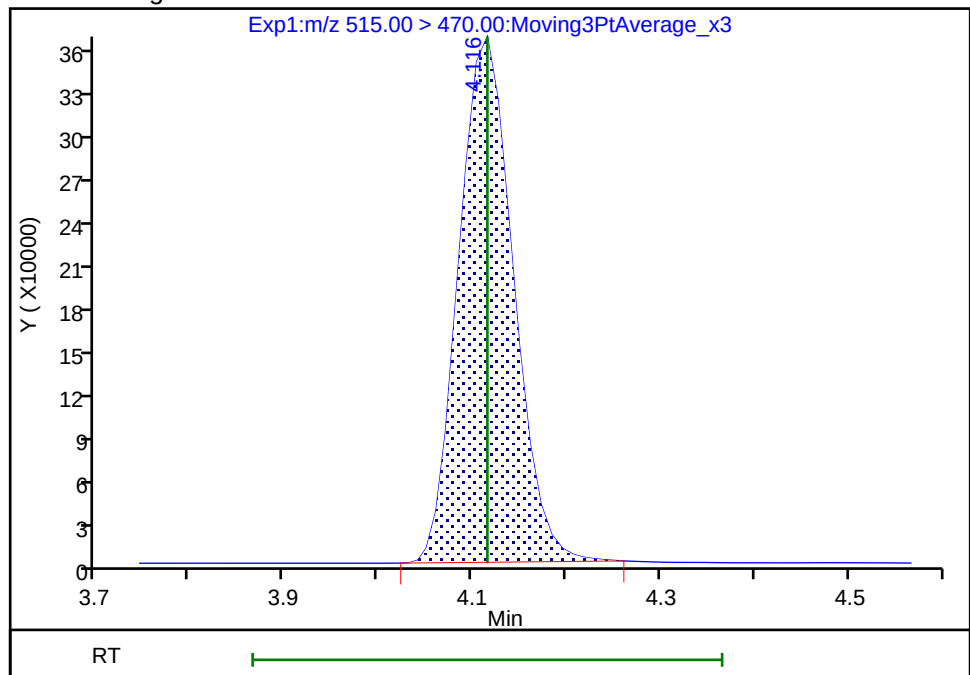
RT: 4.12
Area: 1464891
Amount: 1.031785
Amount Units: ng/ml

Processing Integration Results



RT: 4.12
Area: 1454735
Amount: 1.024632
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:17:27

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

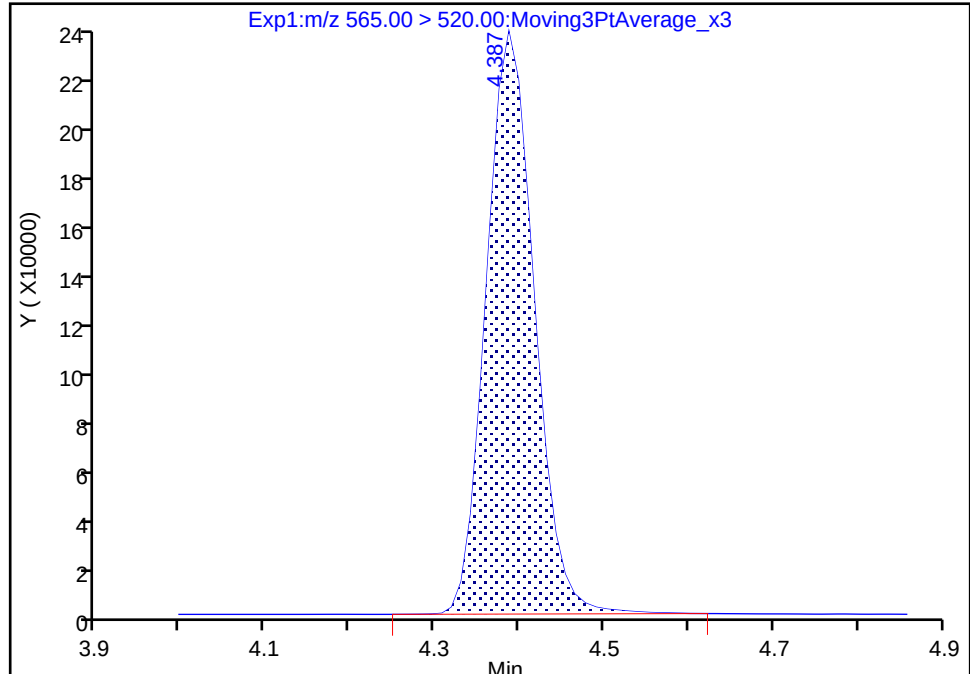
Detector: EXP1

D 30 13C2 PFUnA, CAS: STL00997

Signal: 1

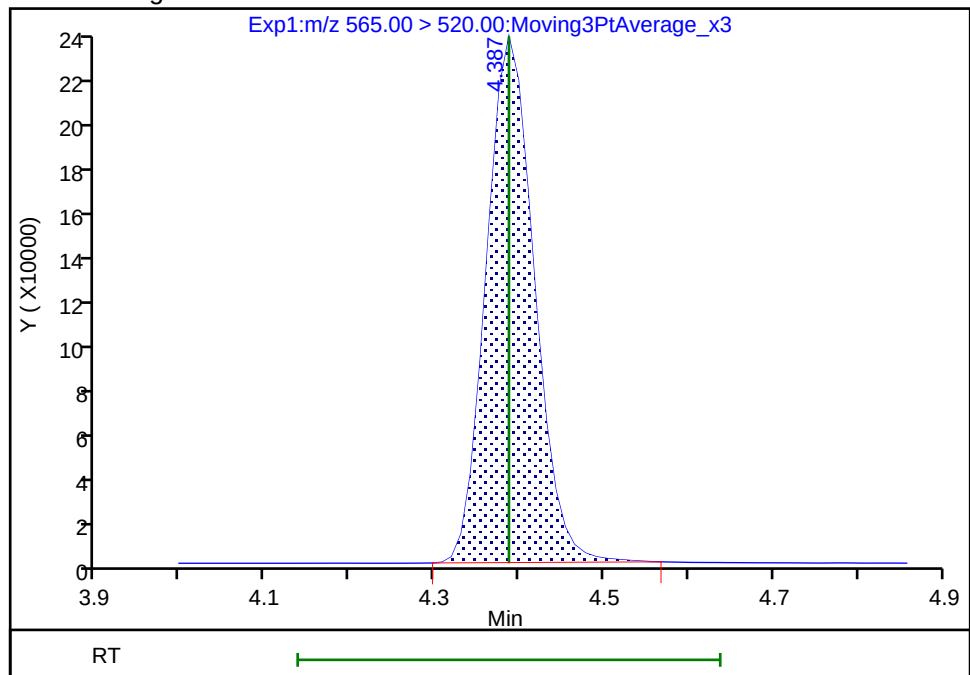
RT: 4.39
Area: 934330
Amount: 0.868560
Amount Units: ng/ml

Processing Integration Results



RT: 4.39
Area: 930234
Amount: 0.864753
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:18:19

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

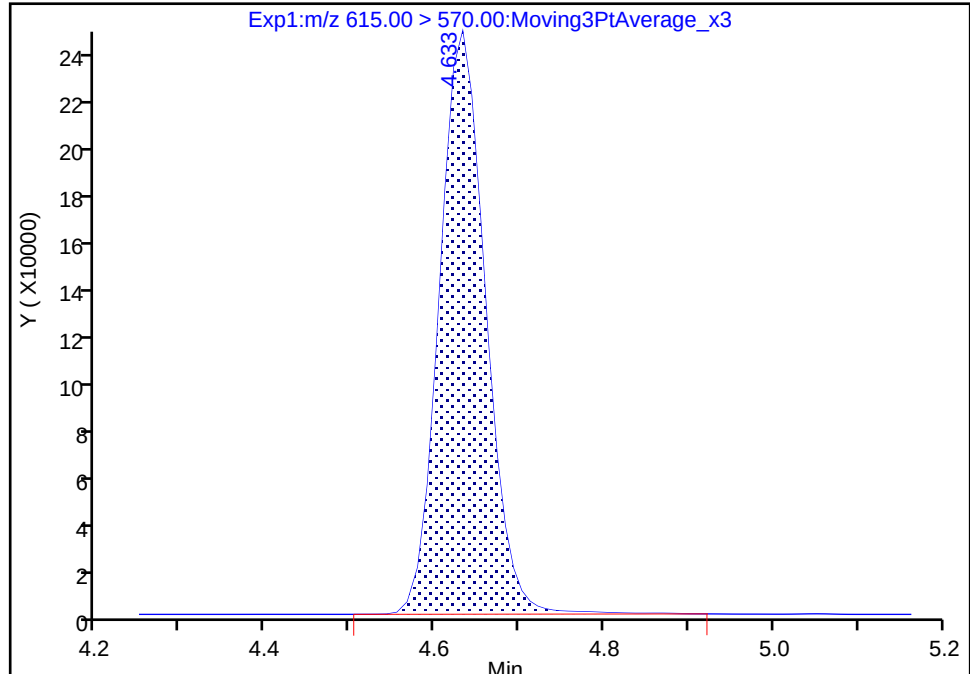
Detector: EXP1

D 36 13C2 PFD_oA, CAS: STL00998

Signal: 1

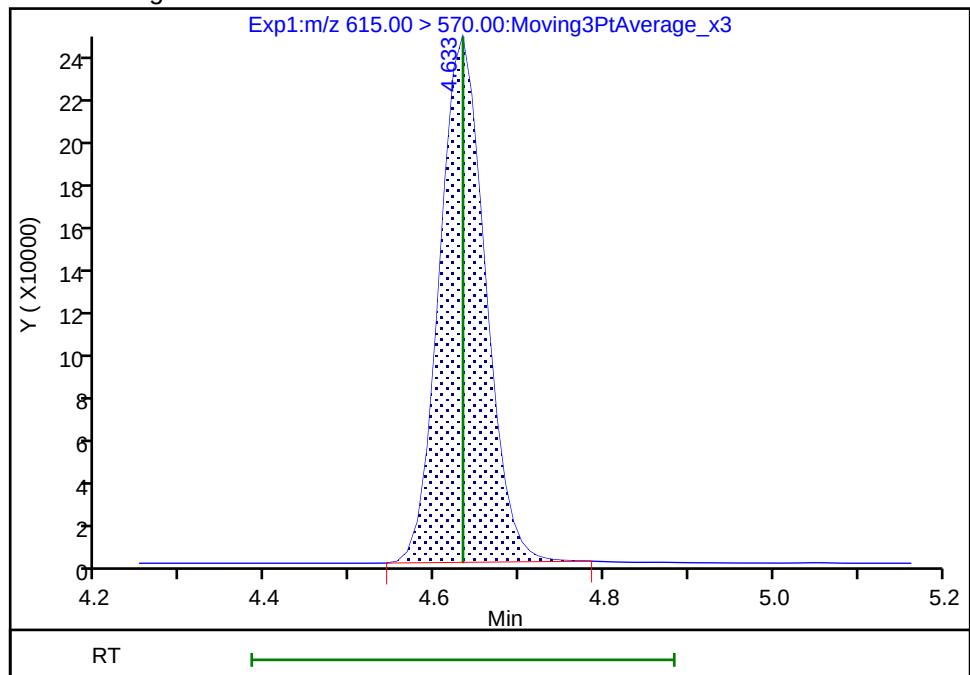
RT: 4.63
Area: 906957
Amount: 0.808258
Amount Units: ng/ml

Processing Integration Results



RT: 4.63
Area: 898224
Amount: 0.805793
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:18:58

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

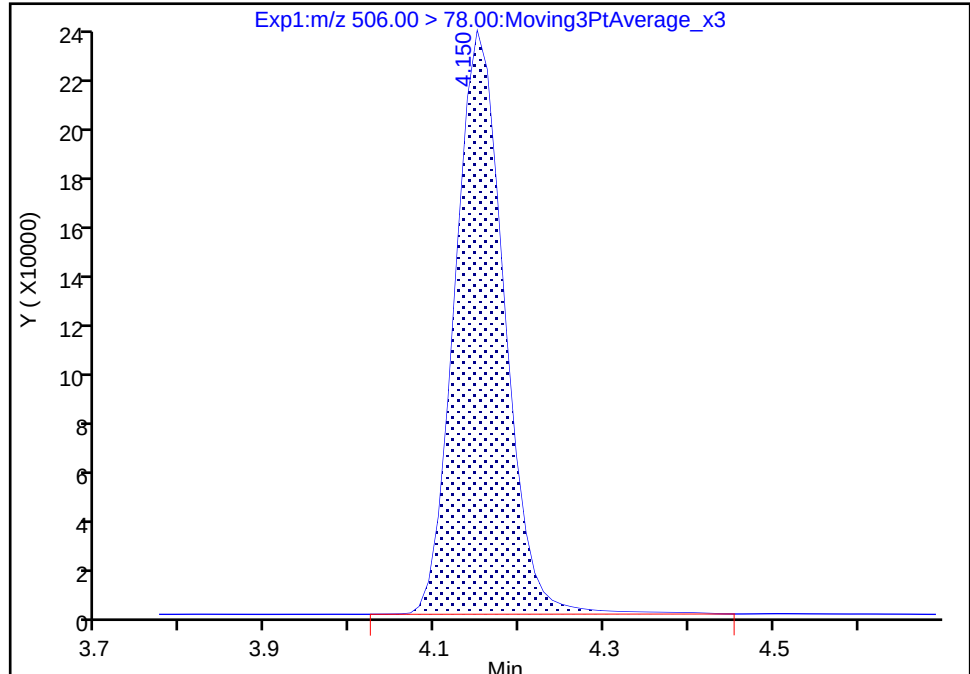
Detector: EXP1

D 21 13C8 FOSA, CAS: STL01056

Signal: 1

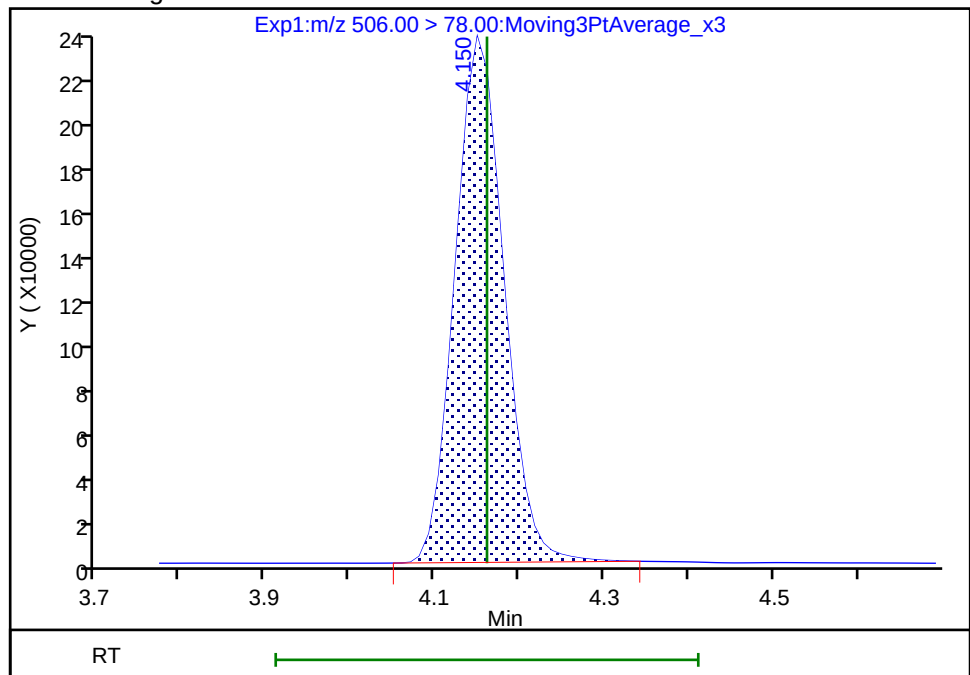
RT: 4.15
Area: 960964
Amount: 0.768239
Amount Units: ng/ml

Processing Integration Results



RT: 4.15
Area: 951049
Amount: 0.765363
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:22:53

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

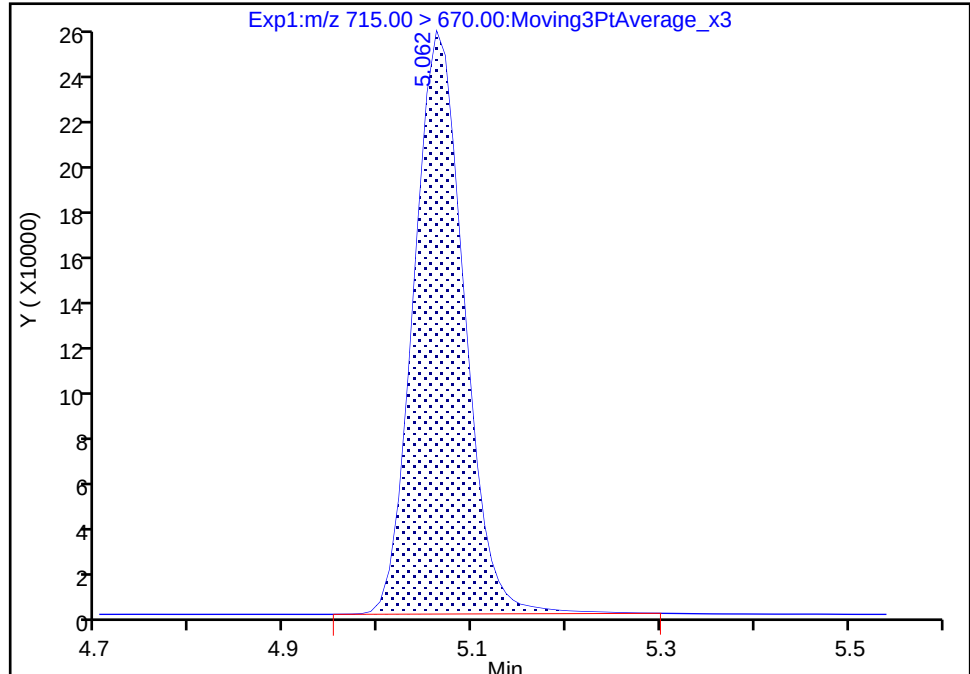
Detector: EXP1

D 43 13C2 PFTeDA, CAS: STL02116

Signal: 1

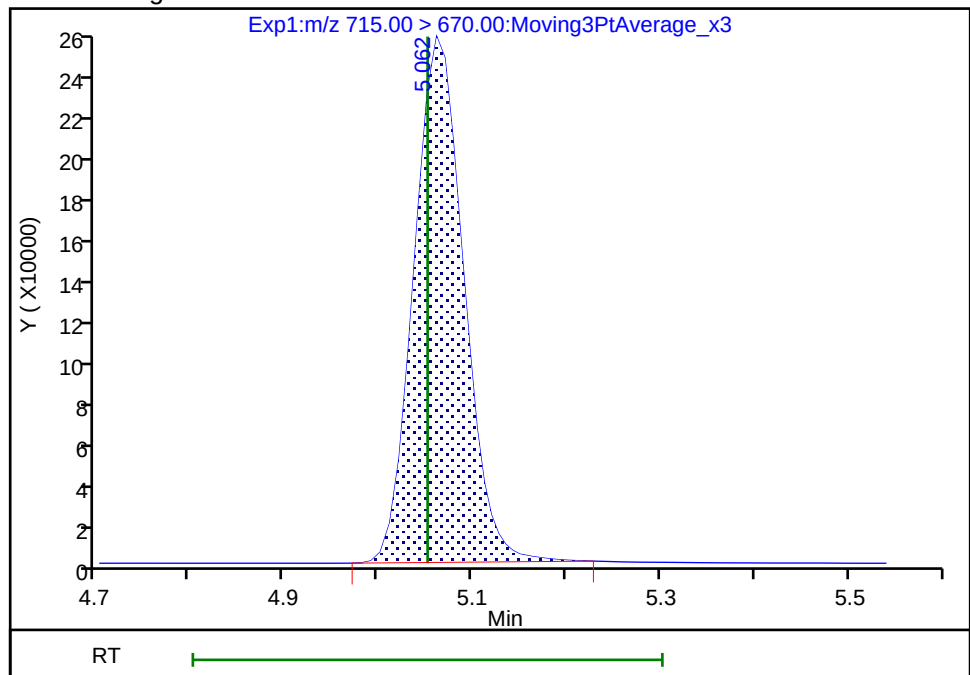
RT: 5.06
Area: 936349
Amount: 1.027552
Amount Units: ng/ml

Processing Integration Results



RT: 5.06
Area: 929932
Amount: 1.020510
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:19:35

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

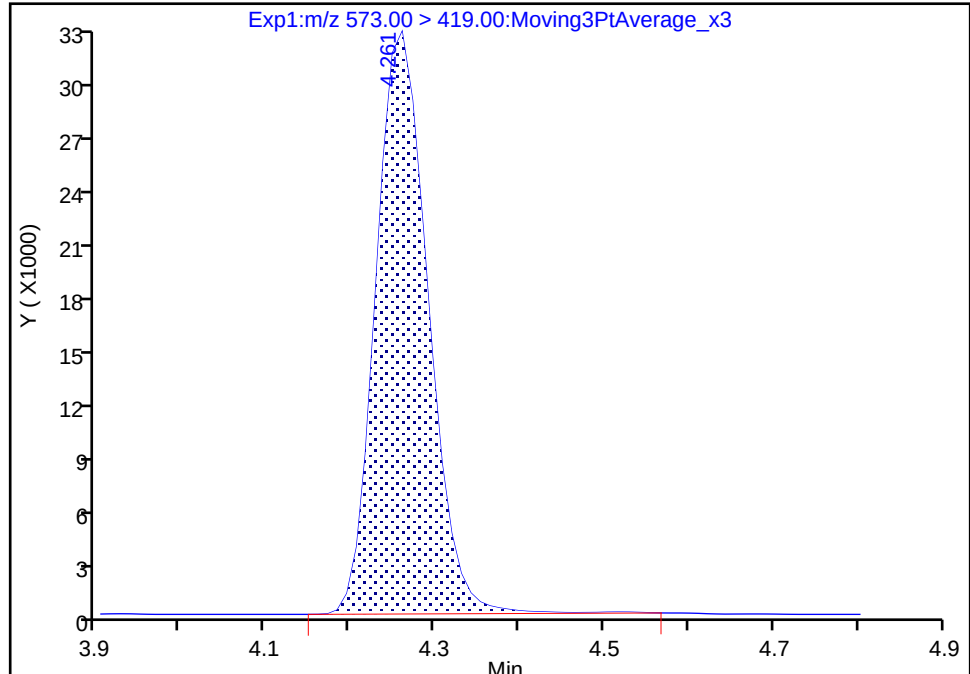
Detector: EXP1

D 27 d3-NMeFOSAA, CAS: STL02118

Signal: 1

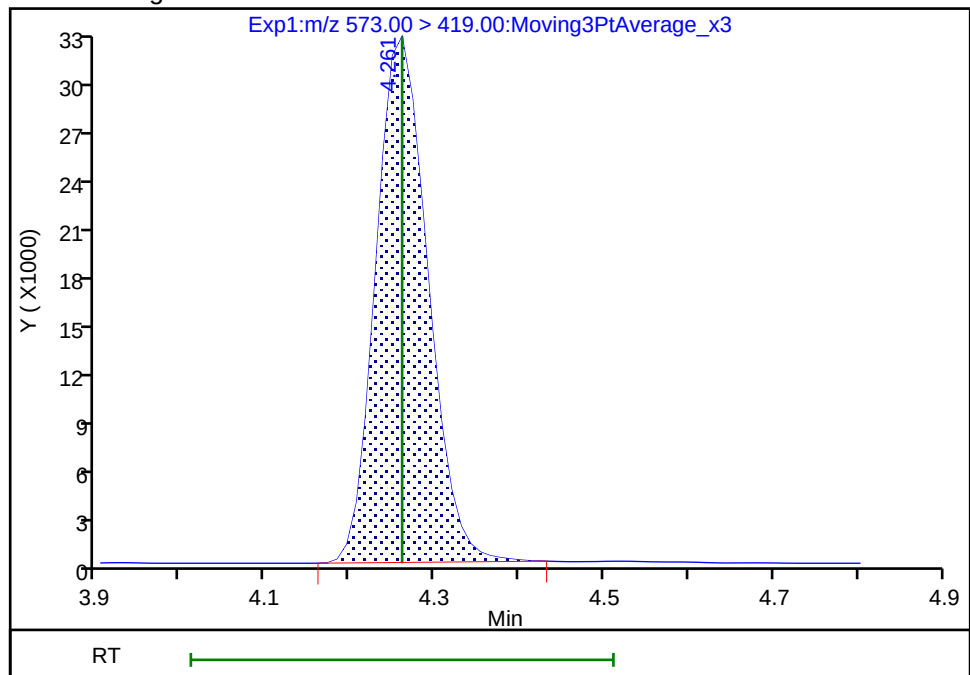
RT: 4.26
Area: 139876
Amount: 0.730205
Amount Units: ng/ml

Processing Integration Results



RT: 4.26
Area: 138914
Amount: 0.730000
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:18:10

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

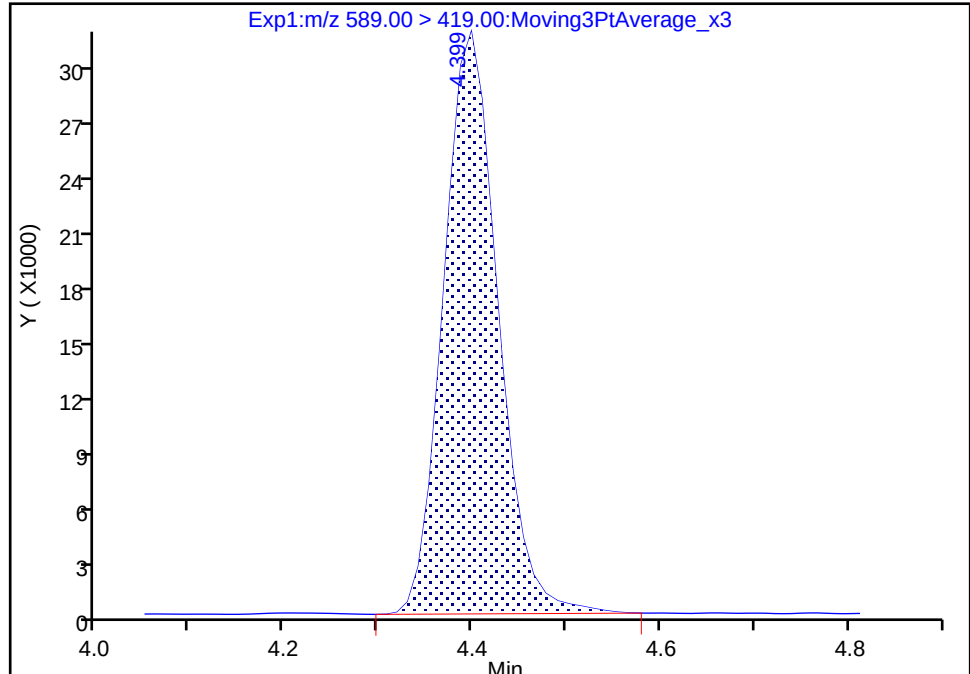
Detector: EXP1

D 32 d5-NEtFOSAA, CAS: STL02117

Signal: 1

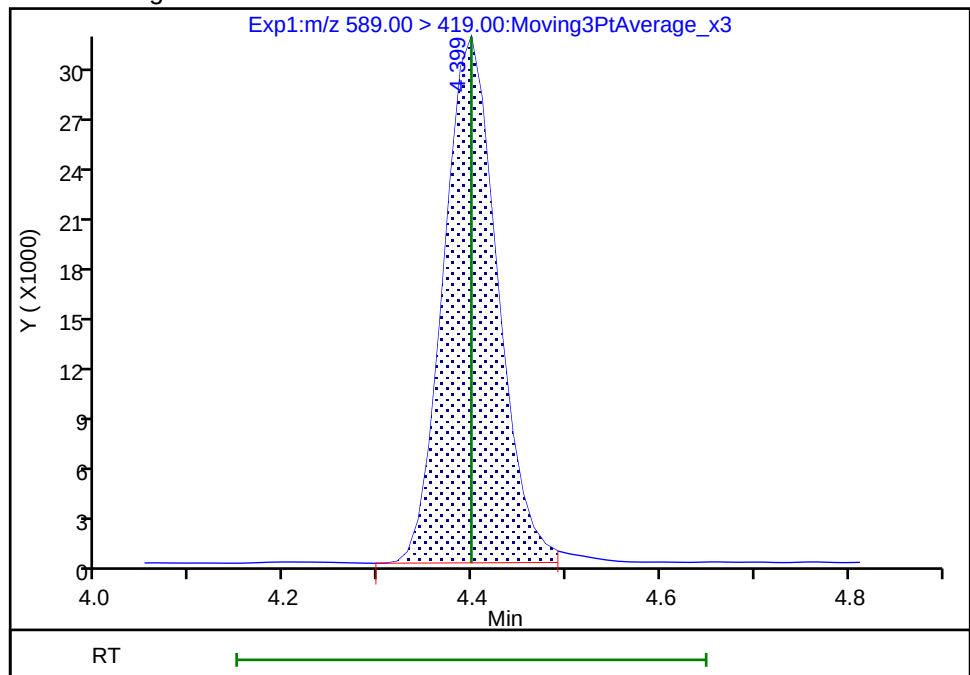
RT: 4.40
Area: 125924
Amount: 0.699120
Amount Units: ng/ml

Processing Integration Results



RT: 4.40
Area: 124625
Amount: 0.691908
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:18:48

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

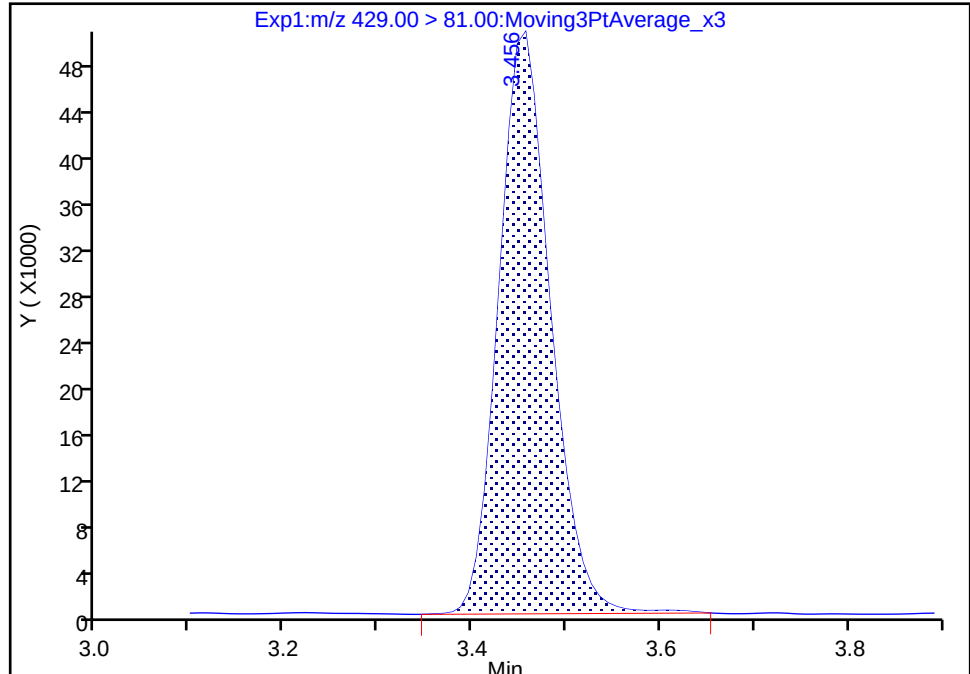
Detector: EXP1

D 12 M2-6:2 FTS, CAS: STL02279

Signal: 1

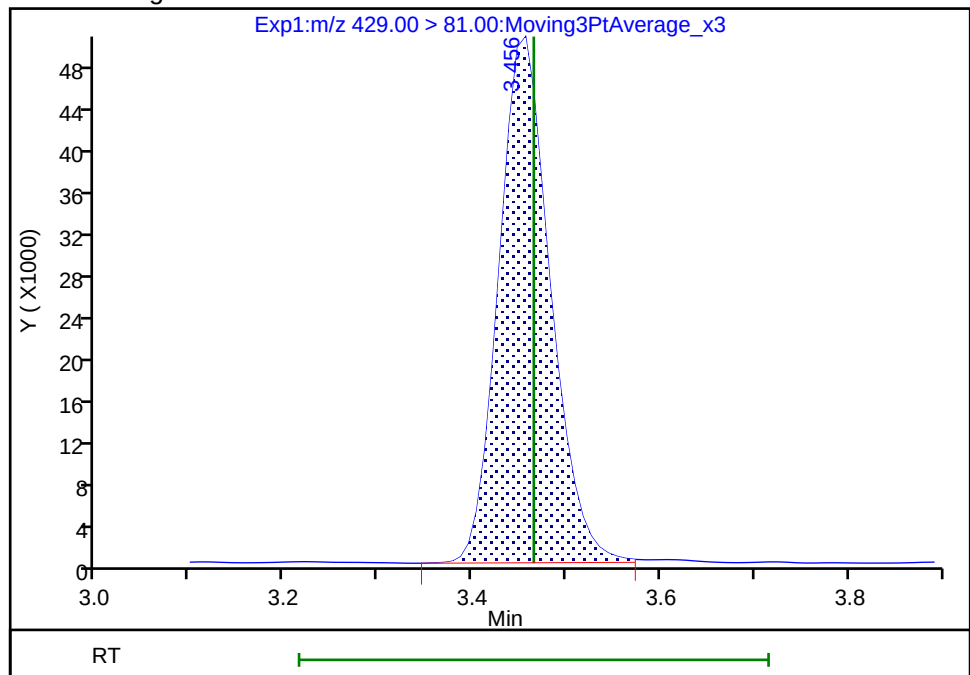
RT: 3.46
Area: 195171
Amount: 1.074949
Amount Units: ng/ml

Processing Integration Results



RT: 3.46
Area: 194272
Amount: 1.077106
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:15:09

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

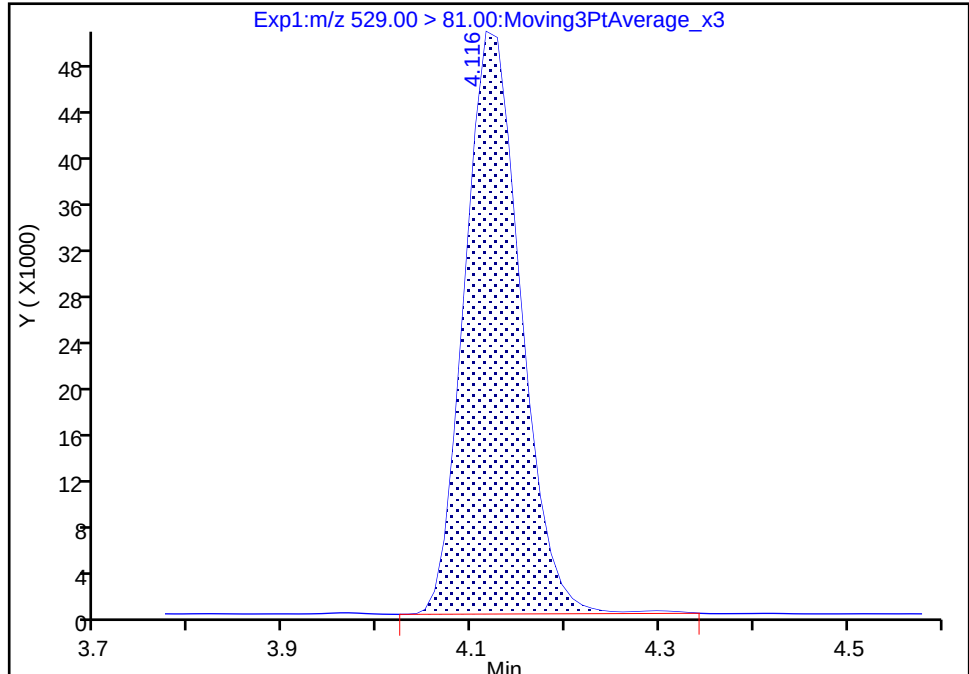
Detector: EXP1

D 26 M2-8:2 FTS, CAS: STL02280

Signal: 1

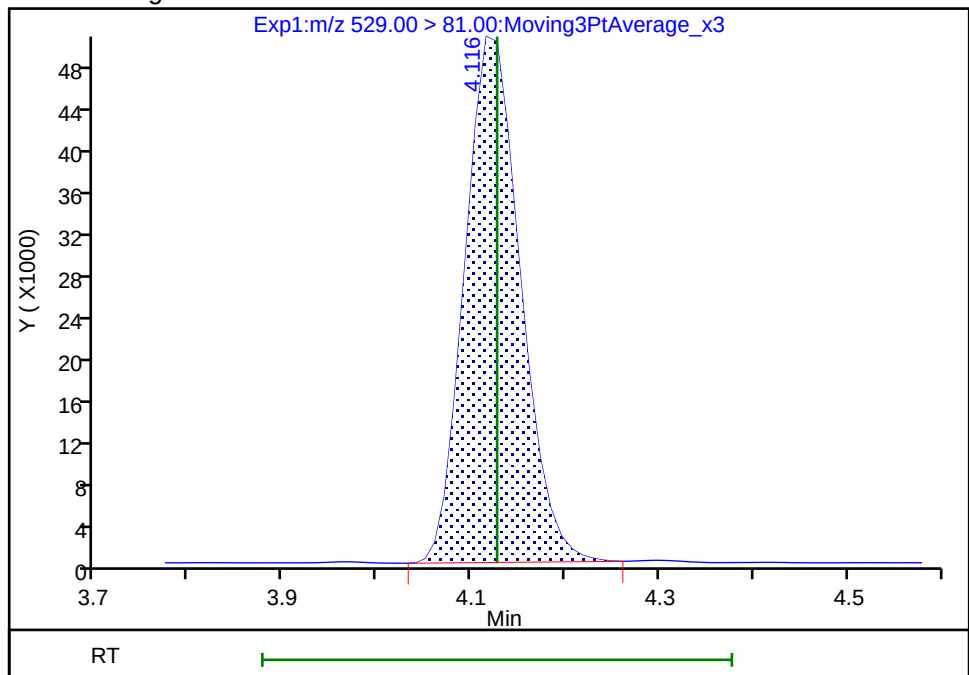
RT: 4.12
Area: 210875
Amount: 0.965283
Amount Units: ng/ml

Processing Integration Results



RT: 4.12
Area: 209432
Amount: 0.965046
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:22:43

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

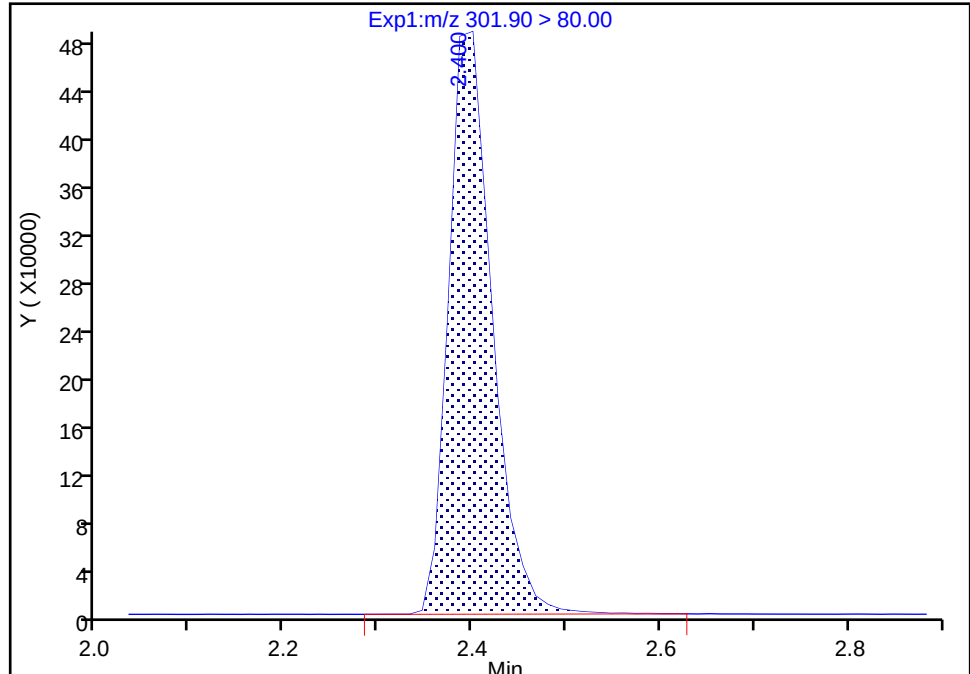
Detector: EXP1

D 47 13C3 PFBS, CAS: STL02337

Signal: 1

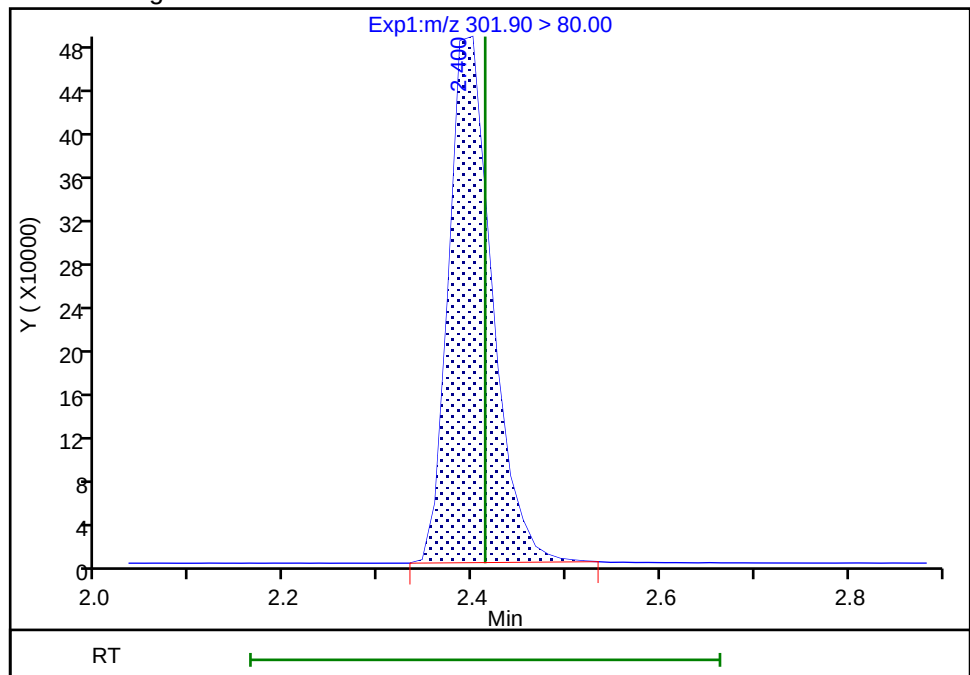
RT: 2.40
Area: 1564280
Amount: 1.014185
Amount Units: ng/ml

Processing Integration Results



RT: 2.40
Area: 1555480
Amount: 1.015179
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:12:10

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D03.d

Injection Date: 04-Aug-2022 20:50:28

Instrument ID: LC812

Lims ID: LCS 200-182357/2-A

Client ID:

Operator ID: lc812tech

ALS Bottle#:

3

Worklist Smp#: 3

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

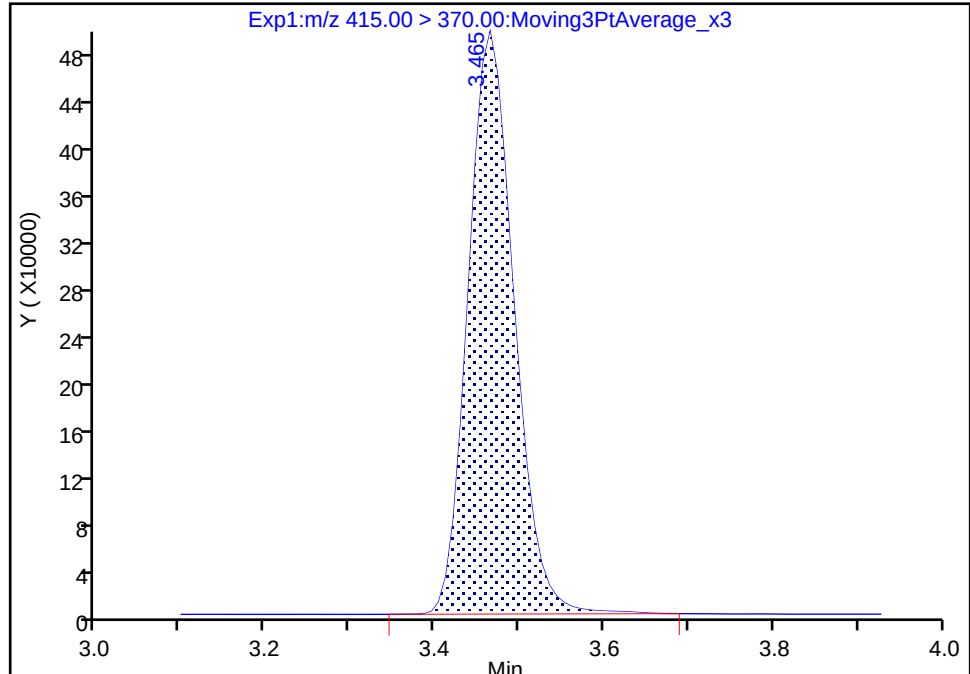
Detector: EXP1

* 62 13C2 PFOA, CAS: STL00623

Signal: 1

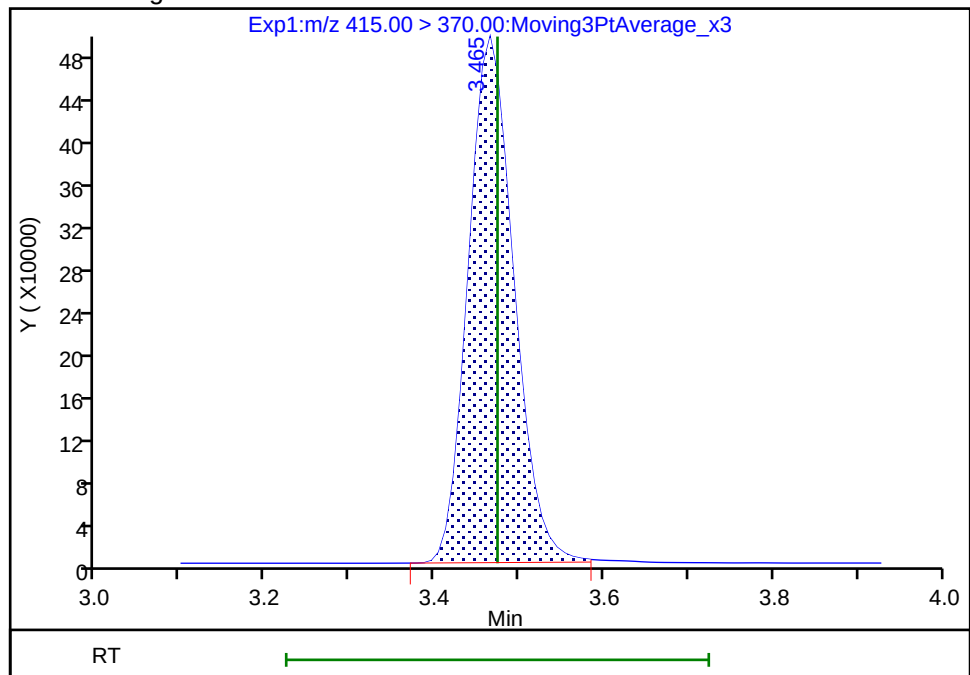
RT: 3.47
Area: 1856237
Amount: 1.250000
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 1843988
Amount: 1.250000
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:16:19

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 460-262853-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 460-262714-A-3-B MS

Matrix: Solid Lab File ID: PA220804D07.d

Analysis Method: 537 (modified) Date Collected: _____

Extraction Method: SHAKE Date Extracted: 08/04/2022 08:35

Sample wt/vol: 5.03(g) Date Analyzed: 08/04/2022 21:23

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 20(uL) GC Column: C-18 ID: 4.6 (mm)

% Moisture: 1.0 % Solids: 99.0 GPC Cleanup: (Y/N) N

Cleanup Factor: _____

Analysis Batch No.: 182390 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	2.009		0.50	0.33
2706-90-3	Perfluoropentanoic acid (PFPeA)	2.030		0.20	0.055
307-24-4	Perfluorohexanoic acid (PFHxA)	2.070		0.20	0.046
375-85-9	Perfluoroheptanoic acid (PFHpA)	2.041		0.20	0.039
335-67-1	Perfluorooctanoic acid (PFOA)	2.121		0.20	0.058
375-95-1	Perfluorononanoic acid (PFNA)	2.012		0.20	0.034
335-76-2	Perfluorodecanoic acid (PFDA)	2.140		0.20	0.028
2058-94-8	Perfluoroundecanoic acid (PFUnA)	2.071		0.20	0.027
307-55-1	Perfluorododecanoic acid (PFDoA)	2.099		0.20	0.025
72629-94-8	Perfluorotridecanoic acid (PFTriA)	2.243		0.20	0.025
376-06-7	Perfluorotetradecanoic acid (PFTeA)	2.145		0.20	0.026
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1.824		0.20	0.033
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1.922		0.20	0.041
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	2.156		0.20	0.023
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	2.073		0.20	0.11
335-77-3	Perfluorodecanesulfonic acid (PFDS)	1.977		0.20	0.019
754-91-6	Perfluorooctanesulfonamide (FOSA)	2.171		0.20	0.034
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	2.229		2.01	0.11
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	1.980	J	2.01	0.083
27619-97-2	6:2 FTS	2.151		2.01	0.057
39108-34-4	8:2 FTS	1.993	J	2.01	0.037

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Burlington</u>	Job No.: <u>460-262853-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-262714-A-3-B MS</u>
Matrix: <u>Solid</u>	Lab File ID: <u>PA220804D07.d</u>
Analysis Method: <u>537 (modified)</u>	Date Collected: _____
Extraction Method: <u>SHAKE</u>	Date Extracted: <u>08/04/2022 08:35</u>
Sample wt/vol: <u>5.03(g)</u>	Date Analyzed: <u>08/04/2022 21:23</u>
Con. Extract Vol.: <u>10(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>20(uL)</u>	GC Column: <u>C-18</u> ID: <u>4.6 (mm)</u>
% Moisture: <u>1.0</u> % Solids: <u>99.0</u>	GPC Cleanup: (Y/N) <u>N</u>
Cleanup Factor: _____	
Analysis Batch No.: <u>182390</u>	Units: <u>ug/Kg</u>

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00994	18O2 PFHxS	85		50-150
STL01892	13C4 PFHpA	96		50-150
STL00990	13C4 PFOA	90		50-150
STL00991	13C4 PFOS	76		50-150
STL00995	13C5 PFNA	89		50-150
STL00992	13C4 PFBA	89		50-150
STL00993	13C2 PFHxA	93		50-150
STL00996	13C2 PFDA	85		50-150
STL00997	13C2 PFUnA	83		50-150
STL00998	13C2 PFDoA	87		50-150
STL01056	13C8 FOSA	70		50-150
STL01893	13C5 PFPeA	91		50-150
STL02116	13C2 PFTeDA	99		50-150
STL02118	d3-NMeFOSAA	64		50-150
STL02117	d5-NEtFOSAA	66		50-150
STL02279	M2-6:2 FTS	75		50-150
STL02280	M2-8:2 FTS	79		50-150
STL02337	13C3 PFBS	83		50-150

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D07.d
 Lims ID: 460-262714-A-3-B MS
 Client ID: RI-SB-06_13-15_20220727
 Sample Type: MS
 Inject. Date: 04-Aug-2022 21:23:13 ALS Bottle#: 7 Worklist Smp#: 7
 Injection Vol: 20.0 ul Dil. Factor: 1.0000
 Sample Info: 460-262714-A-3-B MS
 Misc. Info.: 200-0051964-007 Plate: 1 Rack: 4
 Operator ID: lc812tech Instrument ID: LC812
 Method: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PFC_LC812.m
 Limit Group: LC_PFC_ICAL
 Last Update: 08-Aug-2022 12:20:47 Calib Date: 03-Aug-2022 13:41:11
 Integrator: Picker
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
 Column 1 : C-18 (4.60 mm) Det: EXP1
 Process Host: CTX1629

First Level Reviewer: khanphomeea

Date: 05-Aug-2022 11:59:40

Ratio Calibration: Initial Calibration Level: 4

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										M
217.00 > 172.00	2.077	2.076	0.001	0.599	2218850	1.11		88.7	6831	M
2 Perfluorobutanoic acid										M
212.90 > 169.00	2.077	2.085	-0.008	1.000	1721714	1.00		100	175	M
D 3 13C5 PFPeA										
267.90 > 223.00	2.374	2.400	-0.026	0.685	1744896	1.13		90.7	3200	
4 Perfluoropentanoic acid										M
262.90 > 219.00	2.387	2.400	-0.013	1.006	1454876	1.01		101	46.2	M
D 47 13C3 PFBS										
301.90 > 80.00	2.400	2.413	-0.013	0.693	1710265	0.9602		82.6	253898	
5 Perfluorobutanesulfonic acid										M
298.90 > 80.00	2.400	2.413	-0.013	1.000	1474580	0.9080	Target=2.23	103	1119	M
298.90 > 99.00	2.400	2.413	-0.013	1.000	678737		2.17(1.11-3.34)		315	
D 60 M2-4:2 FTS										M
329.00 > 81.00	2.689	2.713	-0.024	0.776	148235	0.9667		82.8	139	M
61 1H,1H,2H,2H-perfluorohexanesulfo										
327.00 > 307.00	2.689	2.713	-0.024	1.000	312902	1.04		111	1753	
6 Perfluorohexanoic acid										M
313.00 > 269.00	2.738	2.750	-0.012	1.004	1542145	1.03	Target=12.24	103	229	M
313.00 > 119.00	2.726	2.750	-0.024	1.000	120153		12.83(6.12-18.36)		130	
D 7 13C2 PFHxA										M
315.00 > 270.00	2.726	2.750	-0.024	0.787	1792727	1.17		93.3	2106	M
70 Perfluoropentanesulfonic acid										M
349.00 > 80.00	2.738	2.750	-0.012	0.883	1281533	0.9313	Target=2.95	99.3	848	M
349.00 > 99.00	2.738	2.750	-0.012	0.883	418010		3.07(1.48-4.43)		602	M
D 64 13C3 HFPO-DA										
287.00 > 169.00	2.847	2.859	-0.012	0.822	326750	1.13		90.4	1402	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
67 Perfluoro(2-propoxypropanoic) ac										M
285.00 > 169.00	2.847	2.859	-0.012	1.000	290229	1.03		103	1875	M
D 11 18O2 PFHxS										M
403.00 > 84.00	3.099	3.110	-0.011	0.894	1254960	1.00		84.7	2059	M
8 Perfluorohexanesulfonic acid										M
399.00 > 80.00	3.099	3.110	-0.011	1.000	1120379	0.9572	Target=3.43	105	1176	M
399.00 > 99.00	3.099	3.110	-0.011	1.000	312841		3.58(1.72-5.15)		325	M
D 9 13C4 PFHpA										M
367.00 > 322.00	3.099	3.121	-0.022	0.894	1913941	1.20		96.0	1832	M
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.099	3.121	-0.022	1.000	1604020	1.02	Target=3.73	102	372	
363.00 > 169.00	3.099	3.121	-0.022	1.000	418888		3.83(1.86-5.59)		656	
77 DONA										M
377.00 > 251.00	3.143	3.154	-0.011	0.831	3492432	1.19	Target=2.84	126	2432	M
377.00 > 85.00	3.143	3.154	-0.011	0.831	1228949		2.84(1.42-4.26)		1164	
D 12 M2-6:2 FTS										
429.00 > 81.00	3.448	3.465	-0.017	0.995	185934	0.8868		74.7	351	
13 1H,1H,2H,2H-perfluorooctanesulfo										M
427.00 > 407.00	3.448	3.465	-0.017	1.000	248228	1.07		113	485	M
16 Perfluoroheptanesulfonic acid										M
449.00 > 80.00	3.448	3.465	-0.017	0.911	948073	1.07	Target=4.89	113	1216	M
449.00 > 99.00	3.448	3.465	-0.017	0.911	194219		4.88(2.44-7.33)		535	M
15 Perfluorooctanoic acid										M
413.00 > 369.00	3.465	3.474	-0.009	1.000	1743031	1.06	Target=2.67	106	168	M
413.00 > 169.00	3.465	3.474	-0.009	1.000	656110		2.66(1.34-4.01)		887	M
D 14 13C4 PFOA										M
417.00 > 372.00	3.465	3.474	-0.009	1.000	1839849	1.13		90.1	2281	M
* 62 13C2 PFOA										M
415.00 > 370.00	3.465	3.474	-0.009		2143629	1.25			2358	M
17 Perfluorooctanesulfonic acid										M
499.00 > 80.00	3.783	3.792	-0.009	1.000	746998	1.03	Target=4.88	111	466	M
499.00 > 99.00	3.783	3.792	-0.009	1.000	152051		4.91(2.44-7.32)		518	M
D 18 13C4 PFOS										M
503.00 > 80.00	3.783	3.792	-0.009	1.092	853789	0.9127		76.4	1400	M
20 Perfluorononanoic acid										M
463.00 > 419.00	3.802	3.812	-0.010	1.000	1538641	1.00	Target=8.23	100	449	M
463.00 > 169.00	3.802	3.812	-0.010	1.000	200554		7.67(4.11-12.34)		972	M
D 19 13C5 PFNA										
468.00 > 423.00	3.802	3.812	-0.010	1.097	1886886	1.11		89.0	3434	
69 9-Chlorohexadecafluoro-3-oxanona										M
531.00 > 351.00	3.951	3.960	-0.009	1.044	1297078	1.03		110	3117	M
68 Perfluorononanesulfonic acid										M
549.00 > 80.00	4.082	4.093	-0.011	1.079	553690	0.9898	Target=2.53	103	1760	
549.00 > 99.00	4.082	4.093	-0.011	1.079	214183		2.59(1.26-3.79)		670	M
24 Perfluorodecanoic acid										
513.00 > 469.00	4.116	4.116	0.0	1.000	1577209	1.07	Target=9.67	107	738	
513.00 > 169.00	4.116	4.116	0.0	1.000	166392		9.48(4.83-14.50)		843	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 23 13C2 PFDA										M
515.00 > 470.00	4.116	4.116	0.0	1.188	1758927	1.07		85.3	2605	M
25 1H,1H,2H,2H-perfluorodecanesulfo										
527.00 > 507.00	4.116	4.127	-0.011	1.000	189917	0.99		104	1634	
D 26 M2-8:2 FTS										
529.00 > 81.00	4.116	4.127	-0.011	1.188	237304	0.9406		78.5	1025	
D 21 13C8 FOSA										
506.00 > 78.00	4.150	4.161	-0.011	1.198	1271890	0.8805		70.4	1874	
22 Perfluorooctanesulfonamide										M
498.00 > 78.00	4.150	4.161	-0.011	1.000	1121033	1.08		108	1755	M
28 N-methylperfluorooctanesulfonami										M
570.00 > 419.00	4.262	4.261	0.001	1.000	138535	1.11		111	212	M
D 27 d3-NMeFOSAA										M
573.00 > 419.00	4.262	4.261	0.001	1.230	175703	0.7943		63.5	550	M
29 Perfluorodecanesulfonic acid										M
599.00 > 80.00	4.355	4.365	-0.010	1.151	409738	0.9843	Target=2.80	102	1235	M
599.00 > 99.00	4.355	4.365	-0.010	1.151	156505		2.62(1.40-4.20)		922	M
D 30 13C2 PFUnA										M
565.00 > 520.00	4.389	4.387	0.002	1.266	1297468	1.04		83.0	1243	M
31 Perfluoroundecanoic acid										M
563.00 > 519.00	4.389	4.387	0.002	1.000	1134003	1.03	Target=9.07	103	729	M
563.00 > 169.00	4.389	4.387	0.002	1.000	134425		8.44(4.54-13.61)		1130	M
33 N-ethylperfluorooctanesulfonamid										M
584.00 > 419.00	4.400	4.399	0.001	1.000	124565	0.9859		98.6	477	M
D 32 d5-NEtFOSAA										M
589.00 > 419.00	4.400	4.399	0.001	1.270	173947	0.8307		66.5	880	M
66 11-Chloroeicosafuoro-3-oxaundec										M
631.00 > 451.00	4.492	4.491	0.001	1.187	1576400	0.9596		102	1991	M
D 36 13C2 PFDaA										M
615.00 > 570.00	4.633	4.633	0.0	1.337	1404369	1.08		86.7	1679	M
37 Perfluorododecanoic acid										M
613.00 > 569.00	4.633	4.633	0.0	1.000	1190536	1.04	Target=6.97	104	175	M
613.00 > 169.00	4.633	4.633	0.0	1.000	180367		6.60(3.48-10.45)		723	M
74 1H,1H,2H,2H-perfluorododecanesul										M
627.00 > 607.00	4.654	4.654	0.0	1.131	91261	1.02		106	578	M
75 Perfluorododecanesulfonic acid (										M
699.00 > 80.00	4.813	4.813	0.0	1.272	204312	1.11	Target=0.52	114	1586	M
699.00 > 99.00	4.813	4.813	0.0	1.272	382485		0.53(0.26-0.79)		3573	M
41 Perfluorotridecanoic acid										M
663.00 > 619.00	4.859	4.859	0.0	1.049	1103224	1.12	Target=4.56	112	207	M
663.00 > 169.00	4.859	4.859	0.0	1.049	244305		4.52(2.28-6.84)		1269	M
D 43 13C2 PFTeDA										M
715.00 > 670.00	5.062	5.052	0.010	1.461	1311264	1.24		99.0	2428	M
42 Perfluorotetradecanoic acid										M
713.00 > 169.00	5.062	5.052	0.010	1.000	179473	1.07	Target=0.94	107	1463	M
713.00 > 219.00	5.062	5.052	0.010	1.000	181801		0.99(0.47-1.41)		1405	M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
45 Perfluorohexadecanoic acid										M
813.00 > 769.00	5.444	5.422	0.022	1.000	1037491	1.06	Target=4.38	106	240	M
813.00 > 169.00	5.444	5.422	0.022	1.000	243714		4.26(2.19-6.57)		1635	M
D 44 13C2 PFHxDA										
815.00 > 770.00	5.444	5.422	0.022	1.571	1345591	1.12		89.2	3809	
46 Perfluorooctadecanoic acid										M
913.00 > 869.00	5.833	5.795	0.038	1.071	776060	1.08	Target=4.31	108	202	M
913.00 > 169.00	5.827	5.795	0.032	1.070	181604		4.27(2.16-6.47)		715	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D07.d

Injection Date: 04-Aug-2022 21:23:13

Instrument ID: LC812

Lims ID: 460-262714-A-3-B MS

Client ID: RI-SB-06_13-15_20220727

Operator ID: lc812tech

ALS Bottle#: 7

Worklist Smp#: 7

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

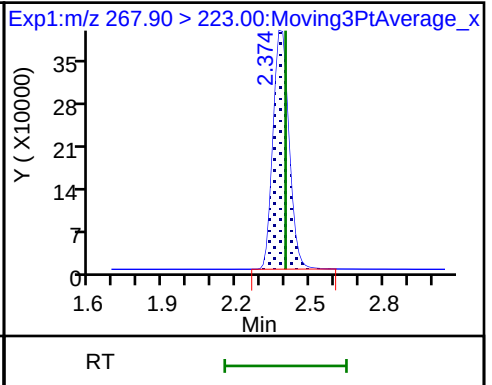
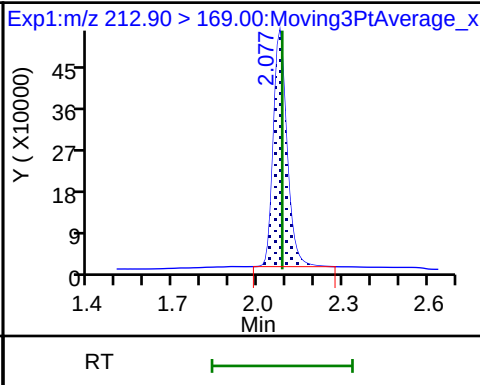
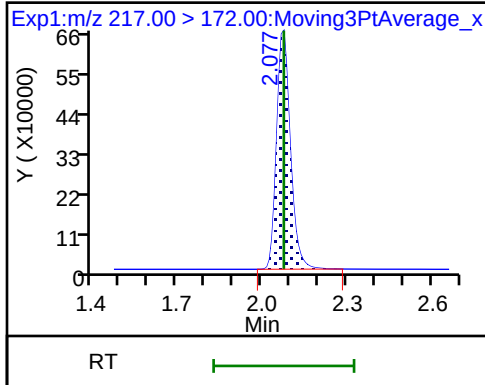
Method: PFC_LC812

Limit Group: LC_PFC_ICAL

D 1 13C4 PFBA (M)

2 Perfluorobutanoic acid (M)

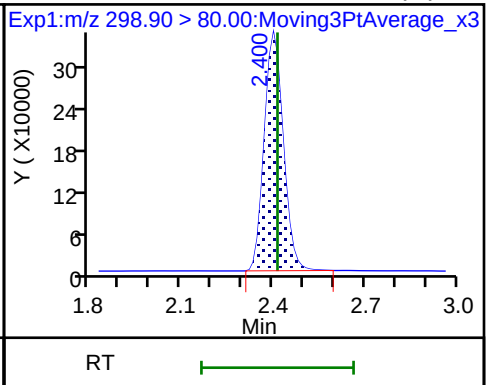
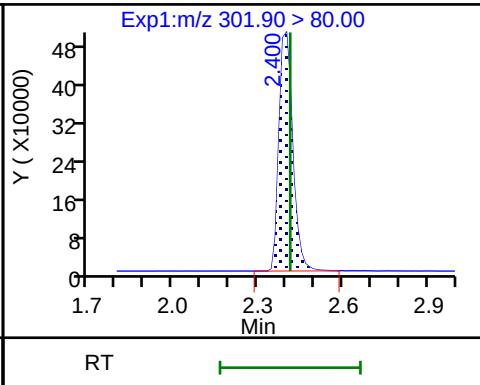
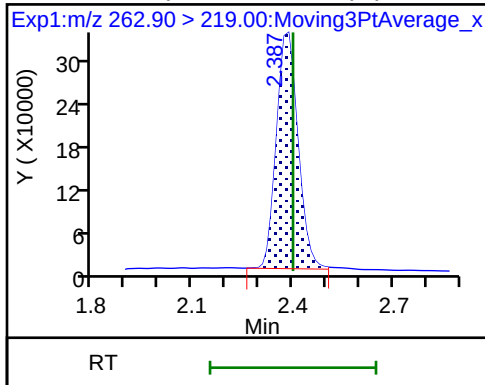
D 3 13C5 PFPeA



4 Perfluoropentanoic acid (M)

D 47 13C3 PFBS

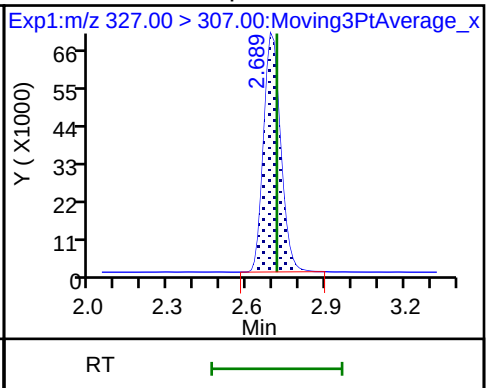
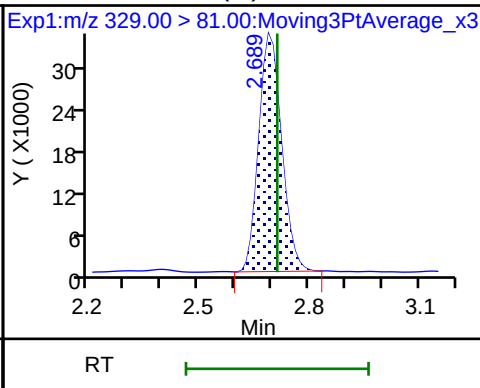
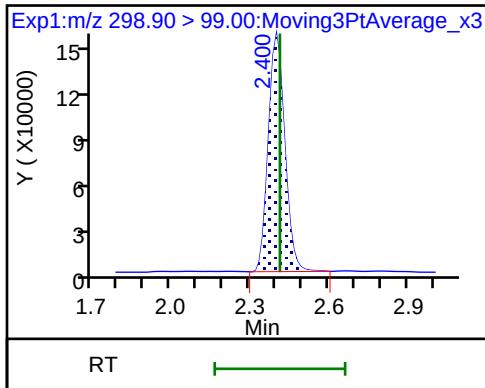
5 Perfluorobutanesulfonic acid (M)



5 Perfluorobutanesulfonic acid

D 60 M2-4:2 FTS (M)

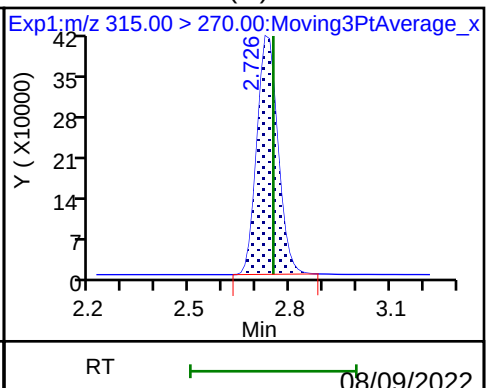
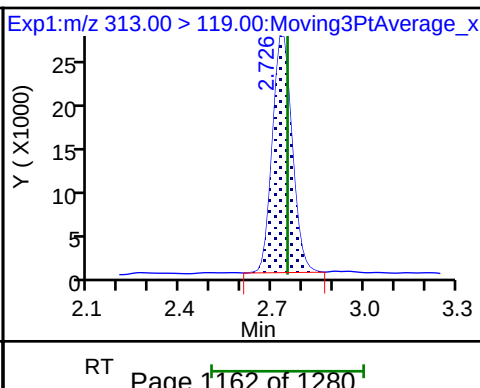
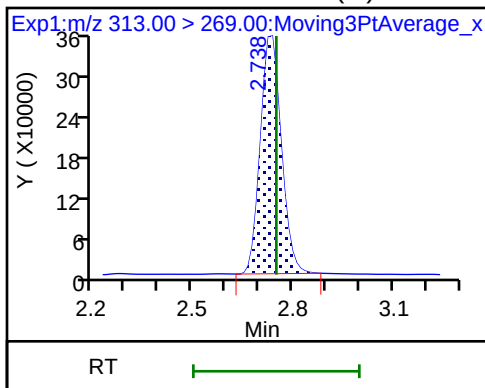
61 1H,1H,2H,2H-perfluorohexanesulfo



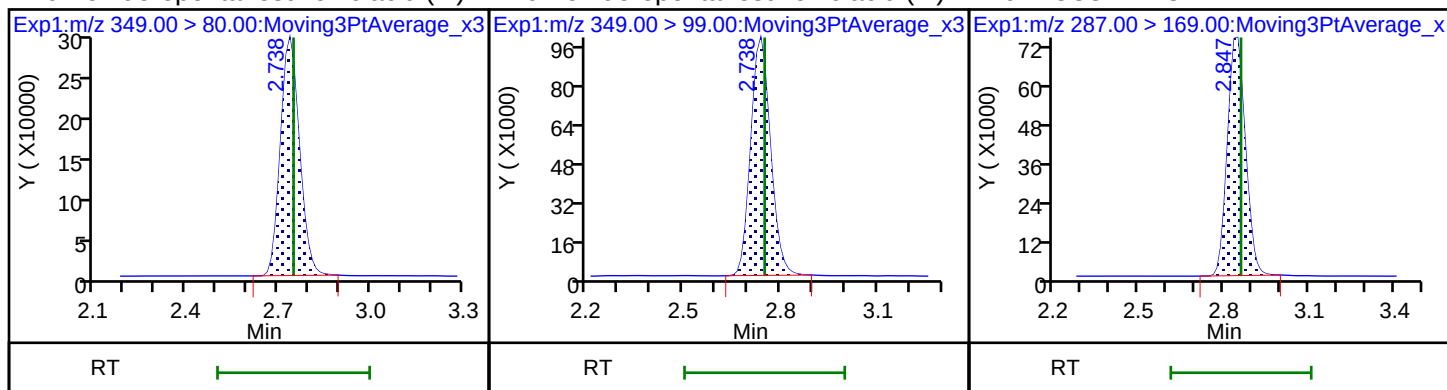
6 Perfluorohexanoic acid (M)

6 Perfluorohexanoic acid

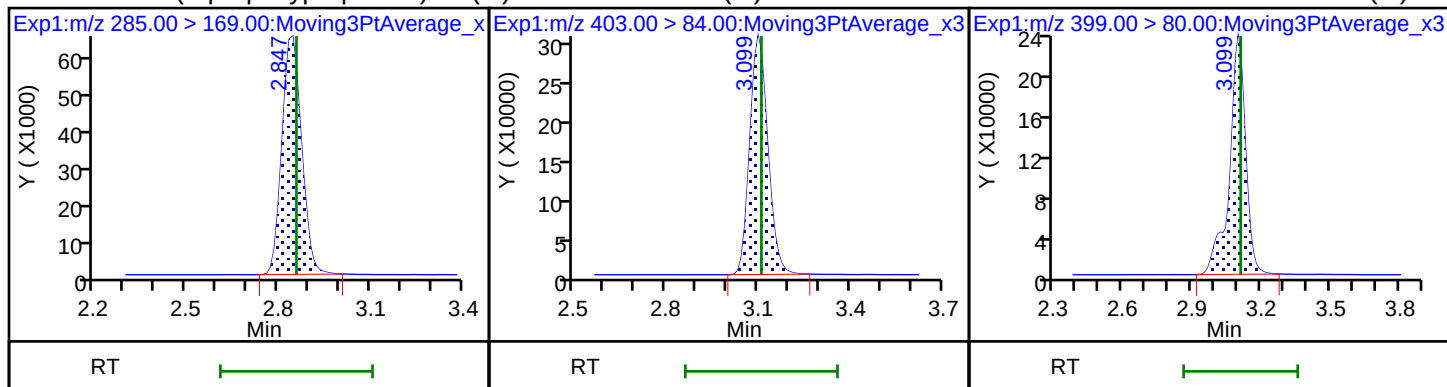
D 7 13C2 PFHxA (M)



70 Perfluoropentanesulfonic acid (M) 70 Perfluoropentanesulfonic acid (M) D 64 13C3 HFPO-DA



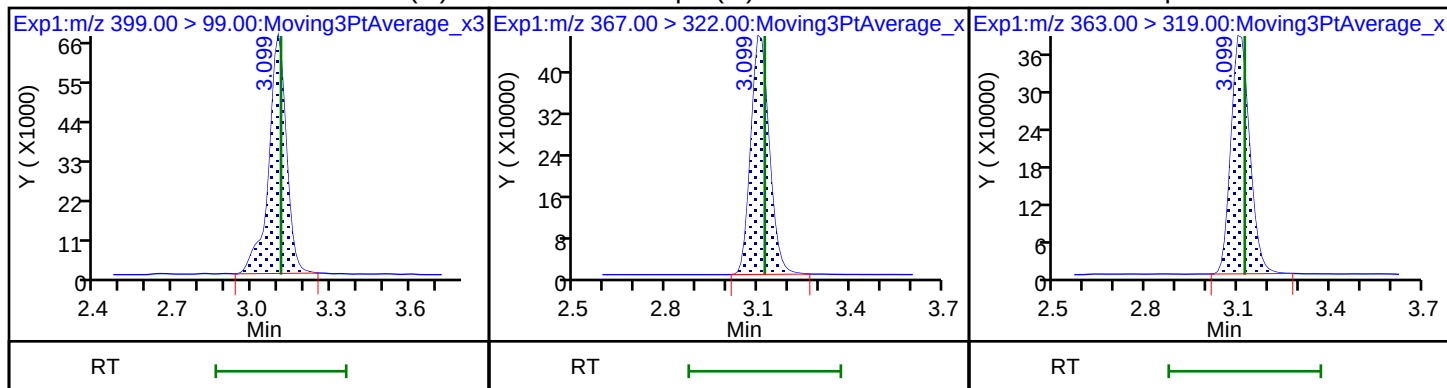
67 Perfluoro(2-propoxypropanoic) ac (M) 11 18O2 PFHxS (M)



8 Perfluorohexanesulfonic acid (M)

D 9 13C4 PFHpA (M)

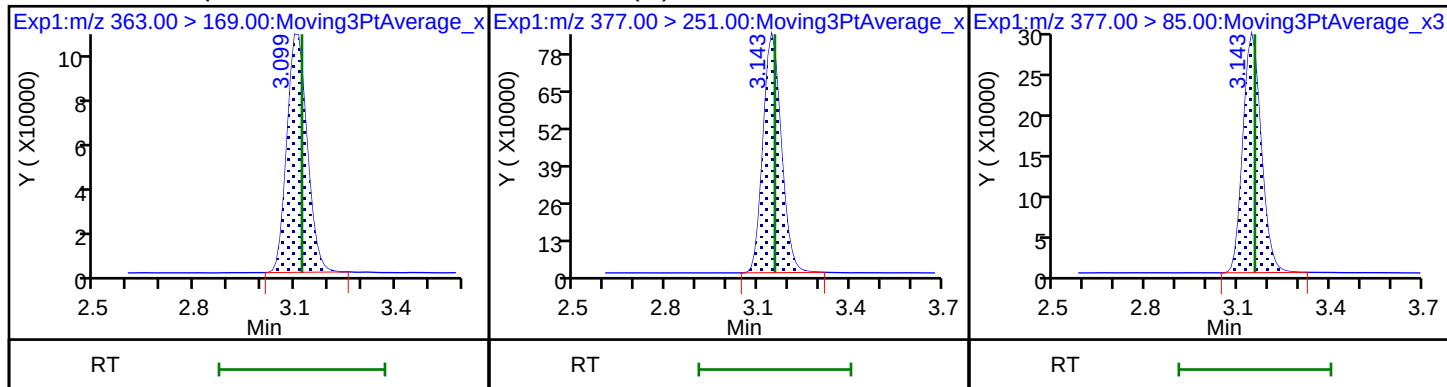
10 Perfluoroheptanoic acid



10 Perfluoroheptanoic acid

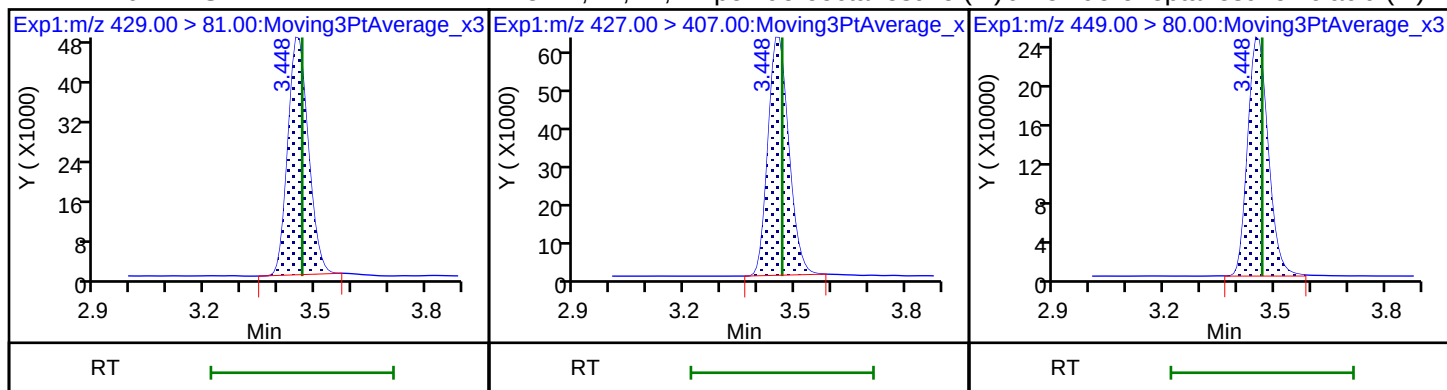
77 DONA (M)

77 DONA



D 12 M2-6:2 FTS

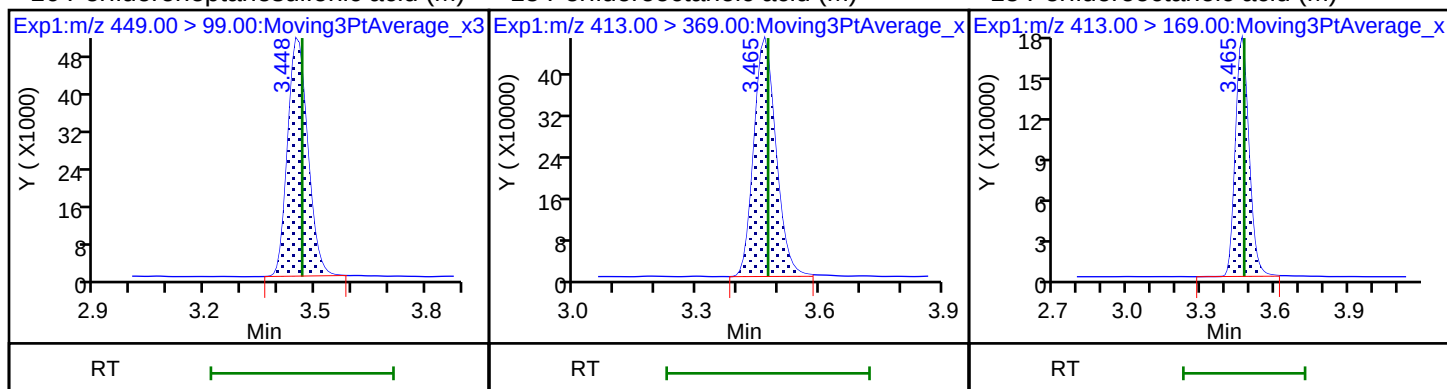
13 1H,1H,2H,2H-perfluorooctanesulfo (M) 16 Perfluoroheptanesulfonic acid (M)



16 Perfluoroheptanesulfonic acid (M)

15 Perfluorooctanoic acid (M)

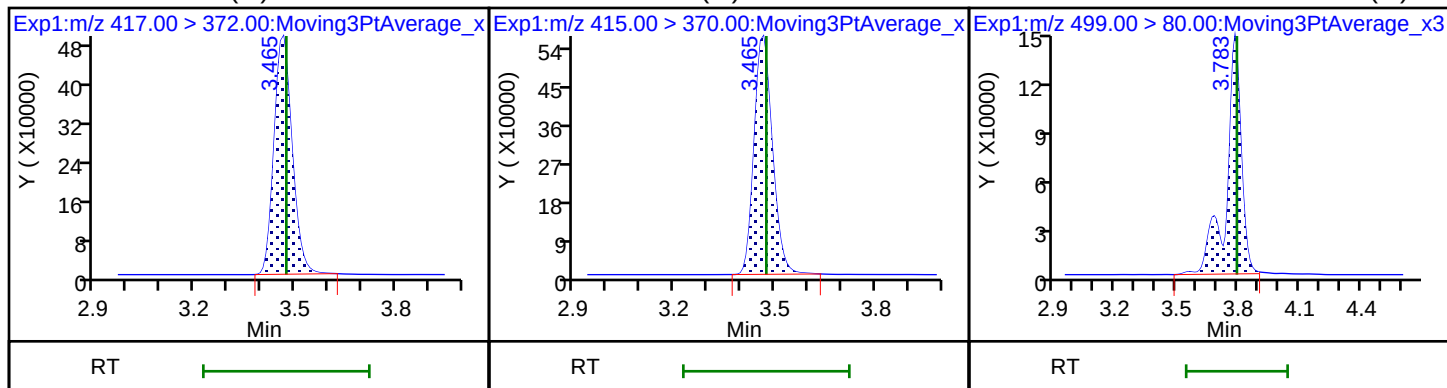
15 Perfluorooctanoic acid (M)



D 14 13C4 PFOA (M)

* 62 13C2 PFOA (M)

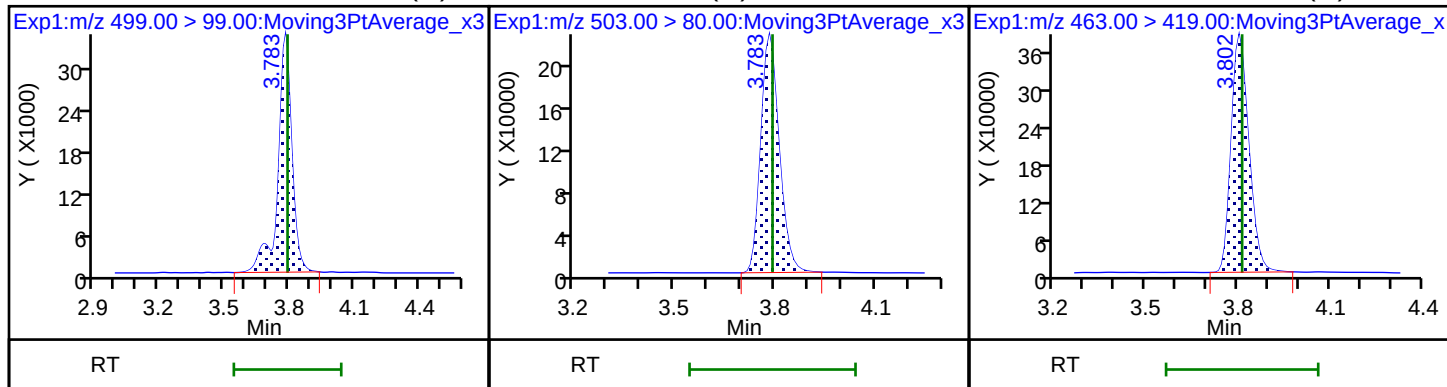
17 Perfluorooctanesulfonic acid (M)

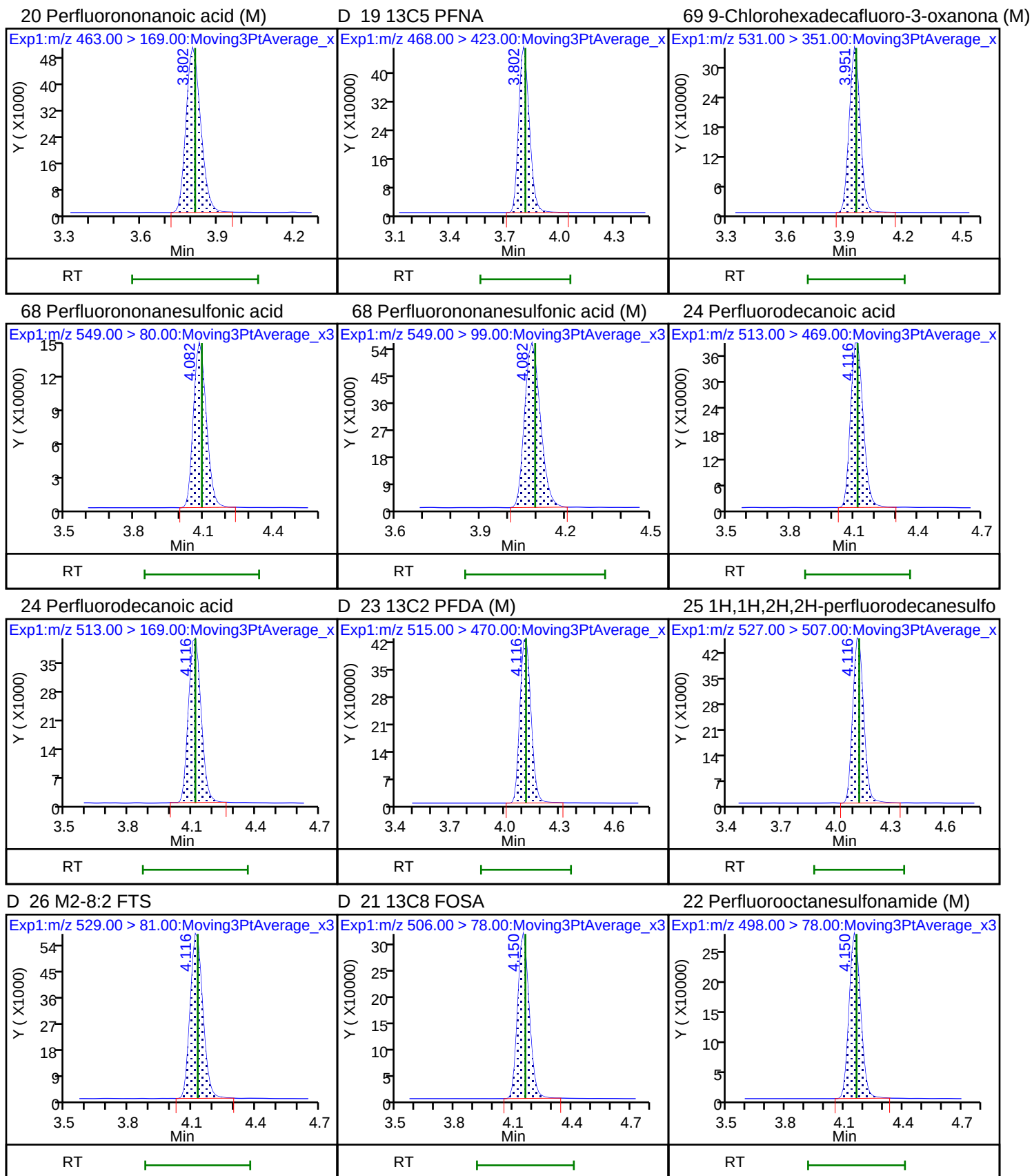


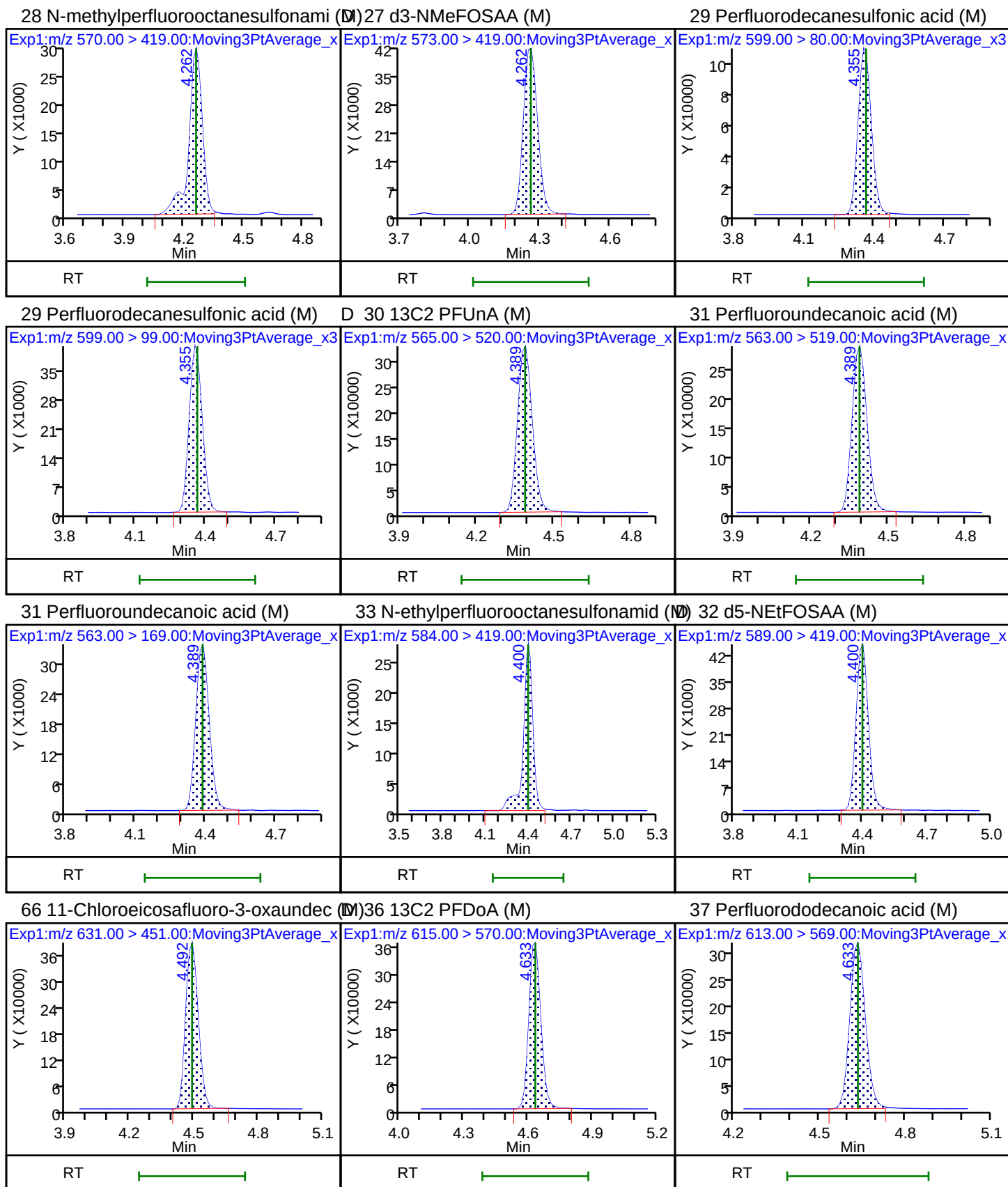
17 Perfluorooctanesulfonic acid (M)

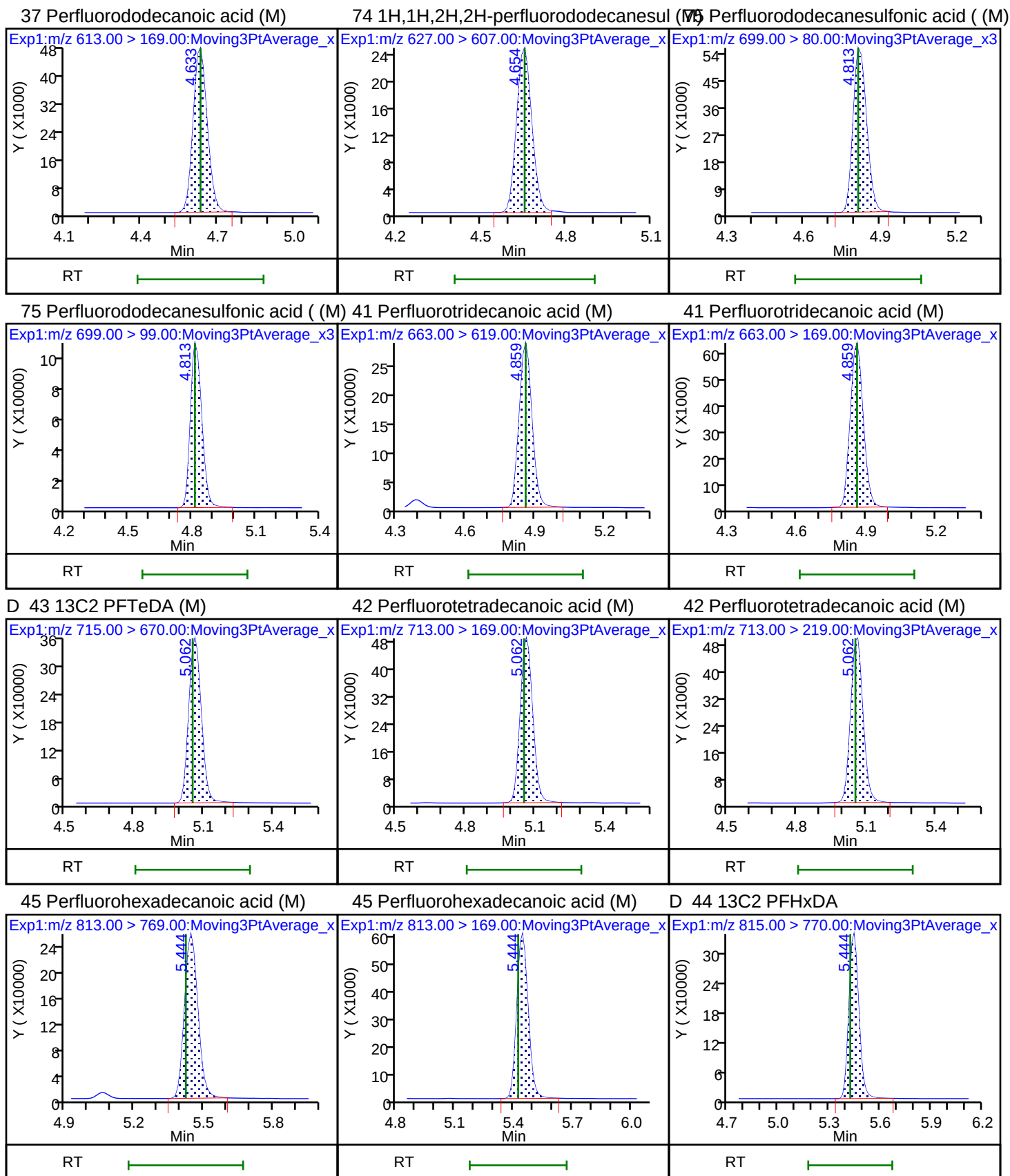
D 18 13C4 PFOS (M)

20 Perfluorononanoic acid (M)



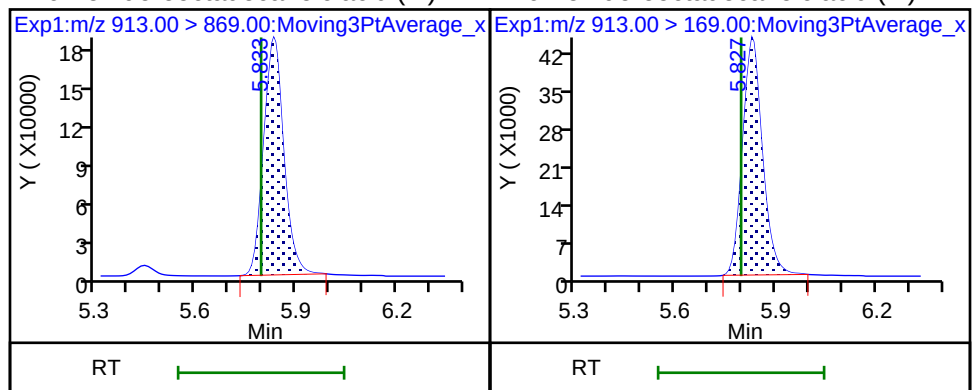






46 Perfluorooctadecanoic acid (M)

46 Perfluorooctadecanoic acid (M)



Eurofins Burlington

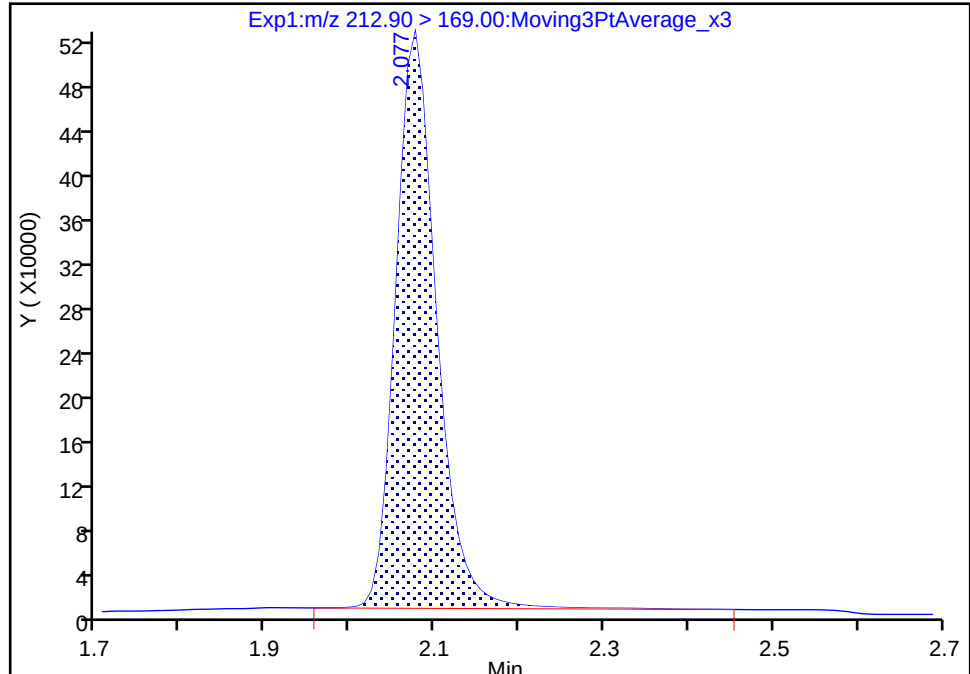
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Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

2 Perfluorobutanoic acid, CAS: 375-22-4

Signal: 1

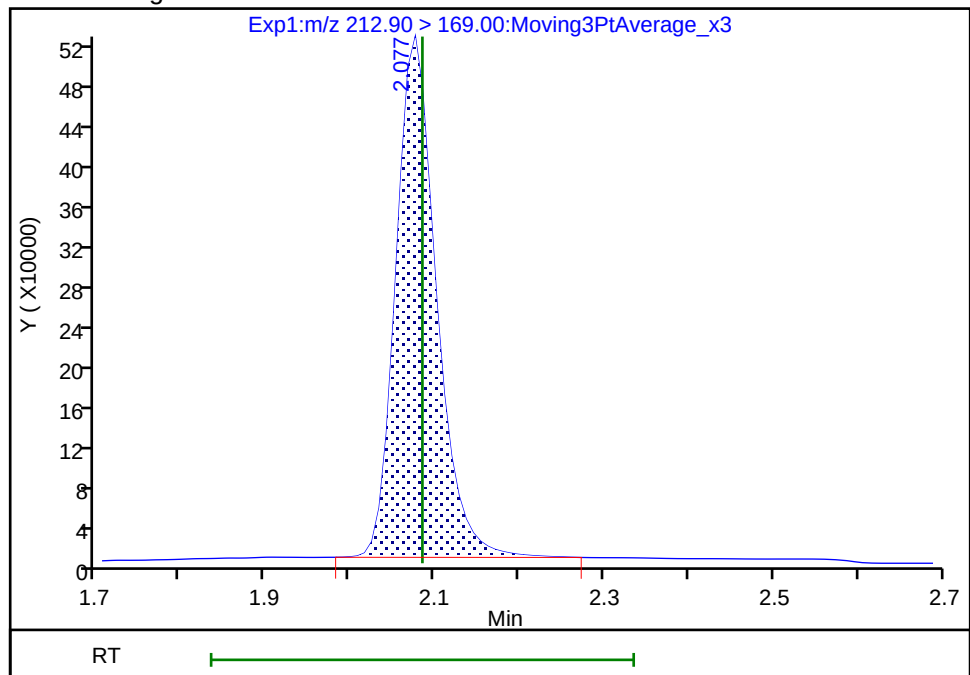
RT: 2.08
Area: 1735272
Amount: 1.004359
Amount Units: ng/ml

Processing Integration Results



RT: 2.08
Area: 1721714
Amount: 1.000253
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:57:06

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

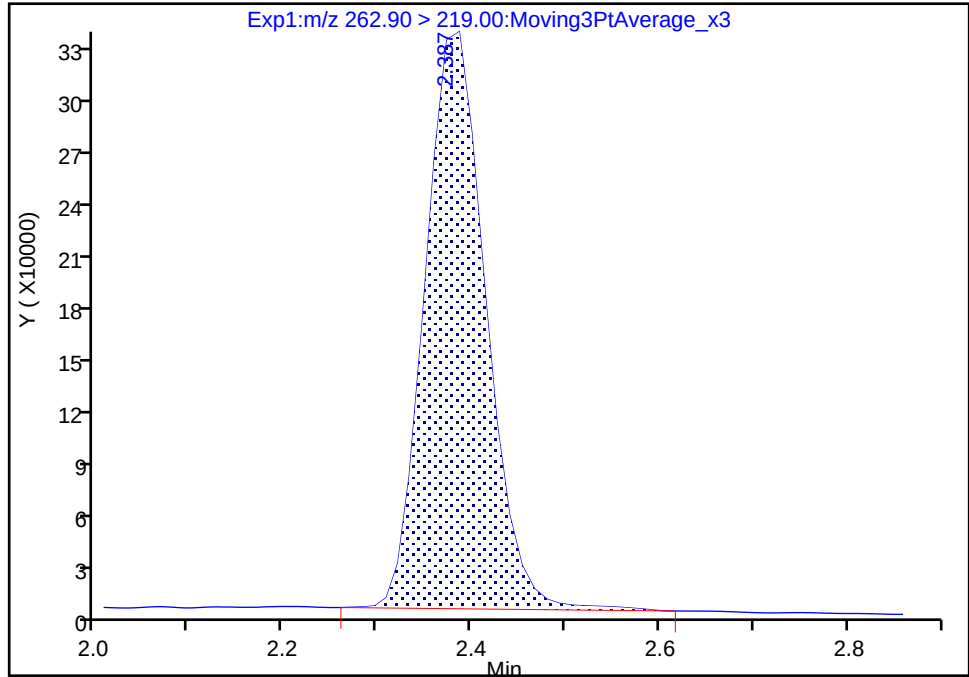
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Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

4 Perfluoropentanoic acid, CAS: 2706-90-3

Signal: 1

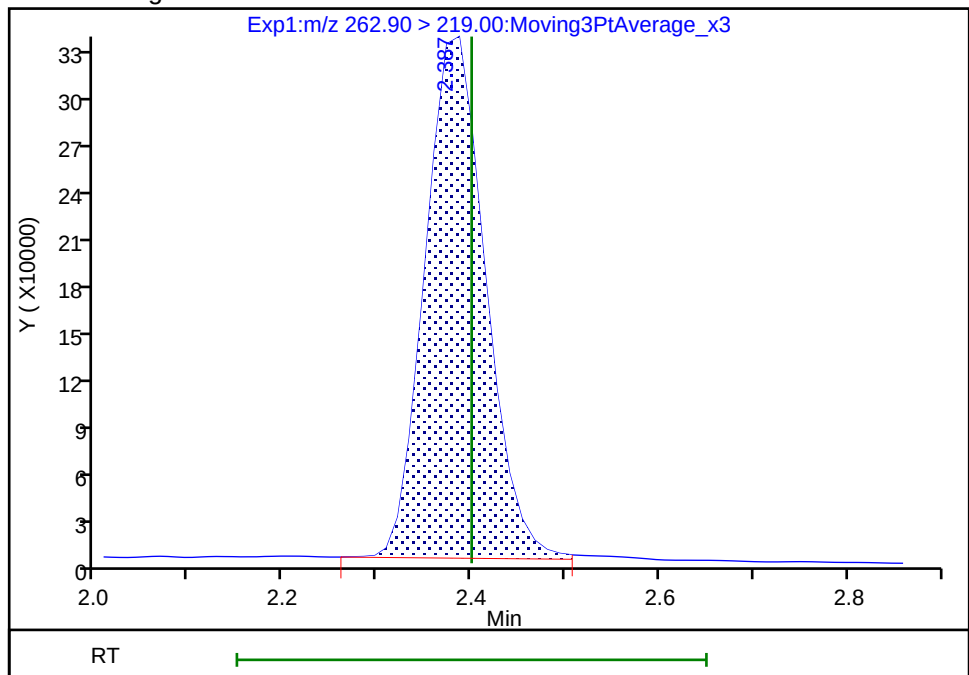
RT: 2.39
Area: 1464265
Amount: 1.017484
Amount Units: ng/ml

Processing Integration Results



RT: 2.39
Area: 1454876
Amount: 1.010960
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:57:10

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

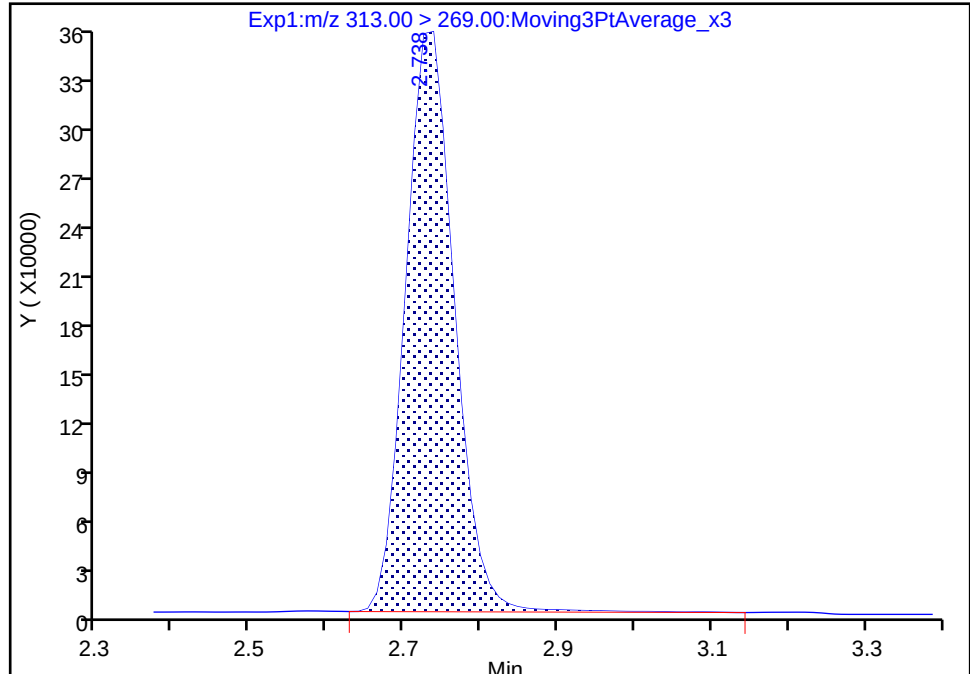
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Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

6 Perfluorohexanoic acid, CAS: 307-24-4

Signal: 1

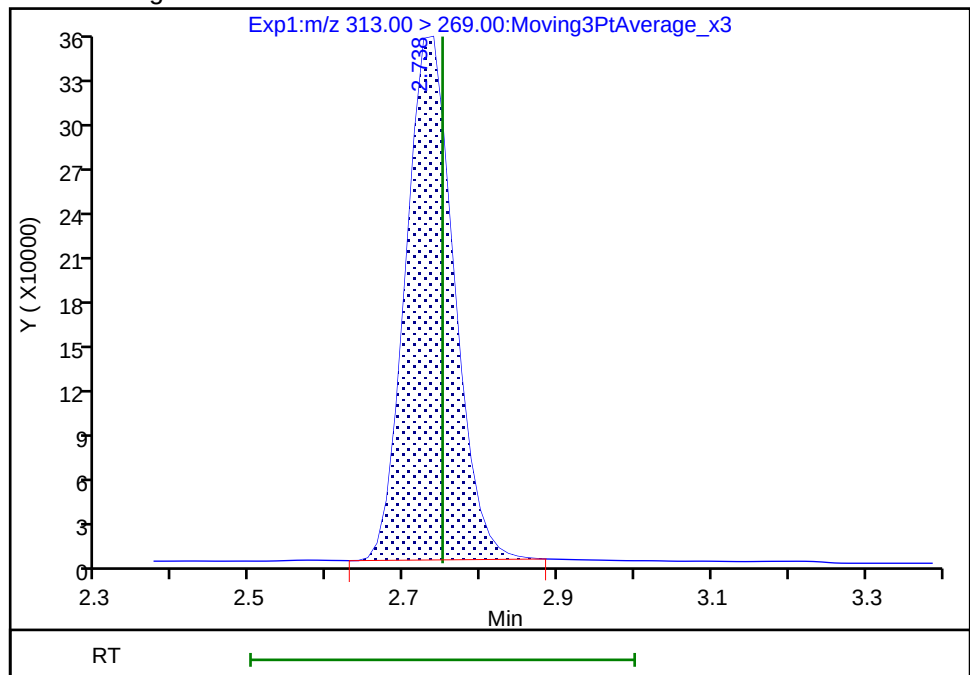
RT: 2.74
Area: 1561394
Amount: 1.037451
Amount Units: ng/ml

Processing Integration Results



RT: 2.74
Area: 1542145
Amount: 1.030495
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:57:25

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

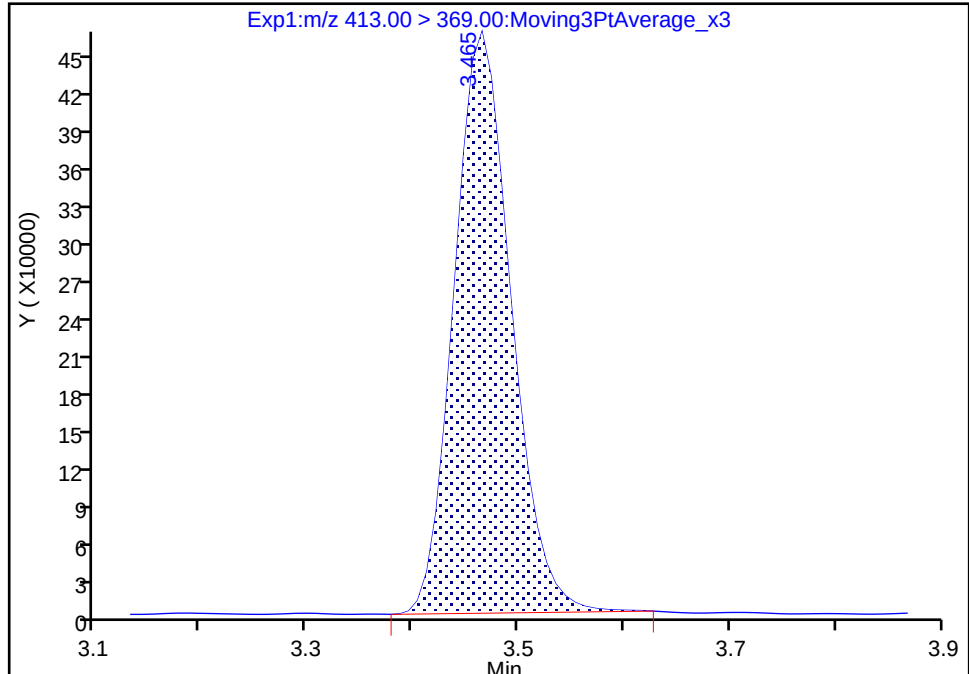
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Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 1

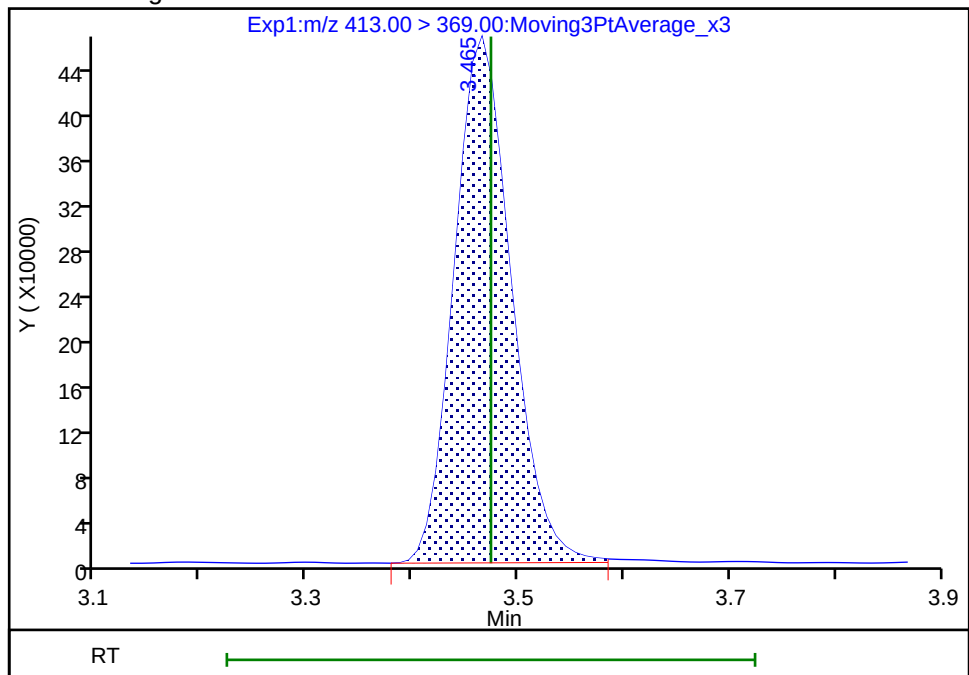
RT: 3.47
Area: 1736319
Amount: 1.042594
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 1743031
Amount: 1.056022
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:58:09

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

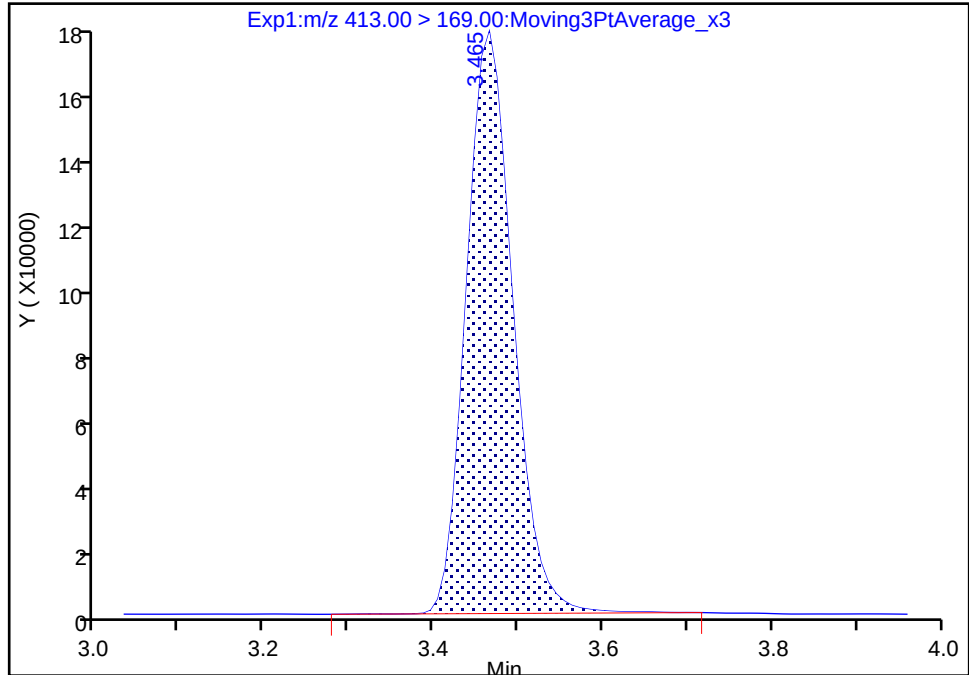
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Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 2

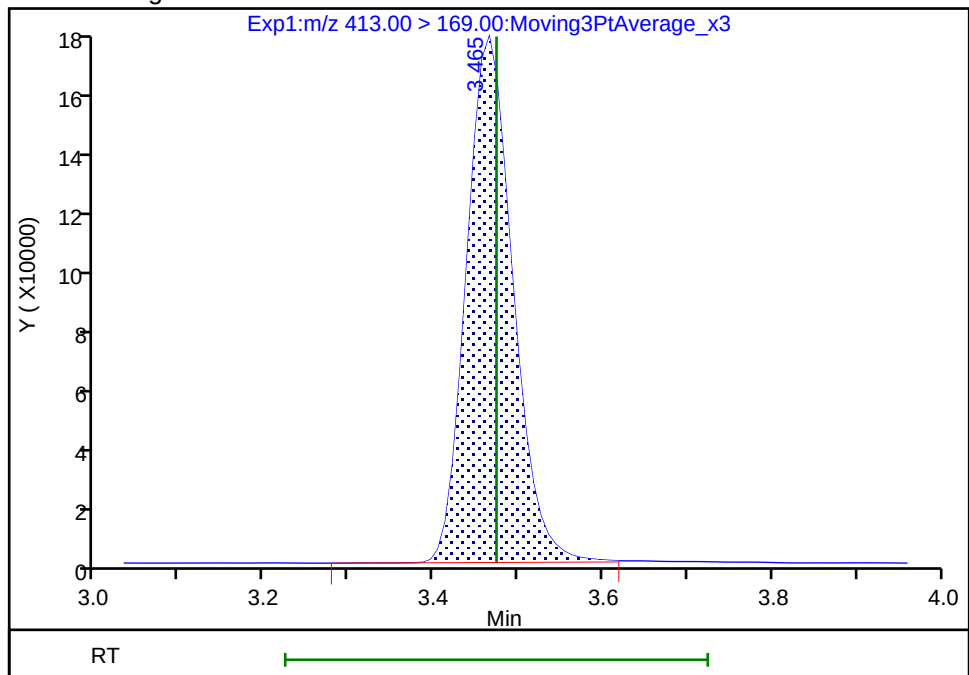
RT: 3.47
Area: 657207
Amount: 1.042594
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 656110
Amount: 1.056022
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:58:17

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

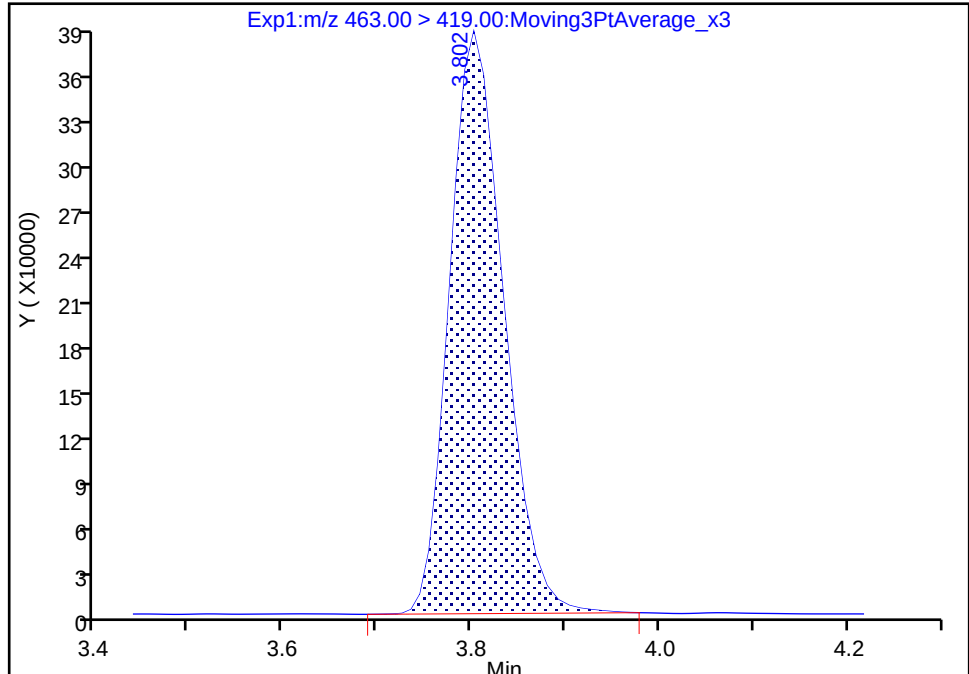
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D07.d
Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

20 Perfluorononanoic acid, CAS: 375-95-1

Signal: 1

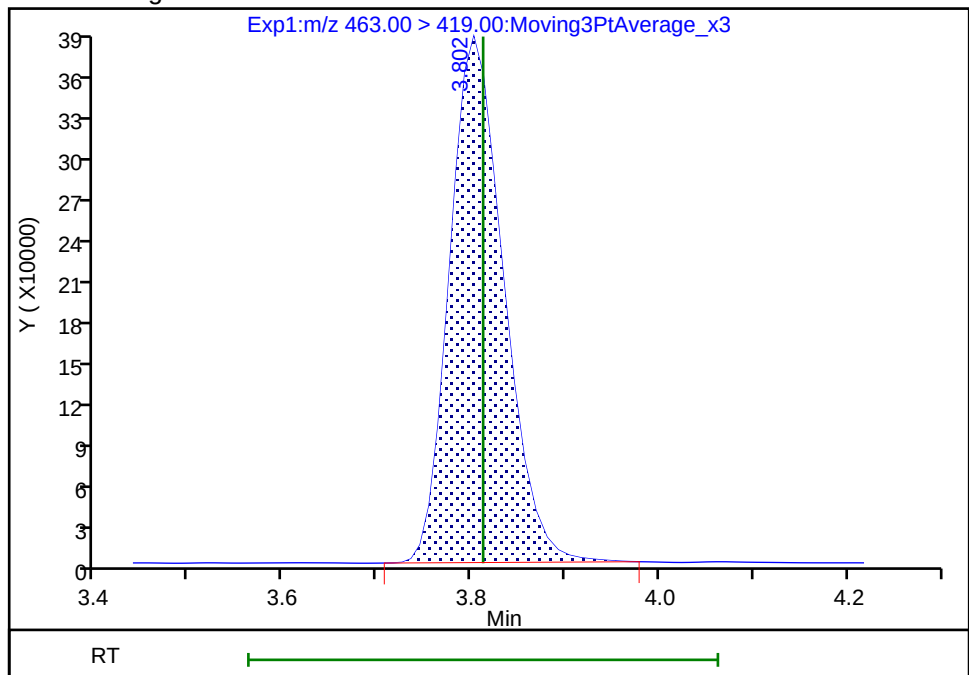
RT: 3.80
Area: 1539084
Amount: 1.002066
Amount Units: ng/ml

Processing Integration Results



RT: 3.80
Area: 1538641
Amount: 1.001778
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:49:29
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

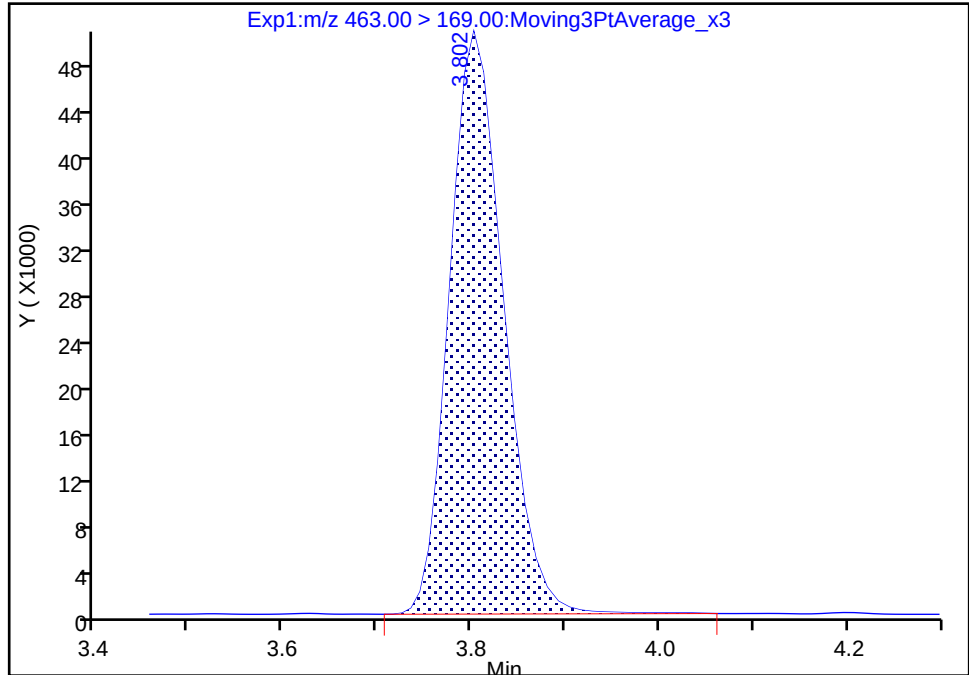
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Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

20 Perfluorononanoic acid, CAS: 375-95-1

Signal: 2

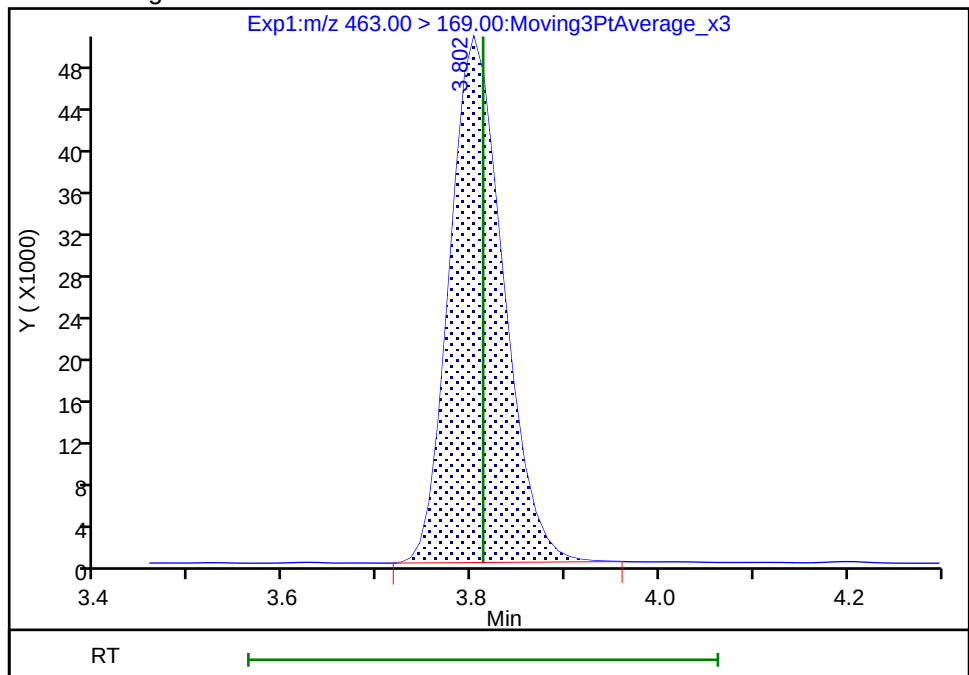
RT: 3.80
Area: 201744
Amount: 1.002066
Amount Units: ng/ml

Processing Integration Results



RT: 3.80
Area: 200554
Amount: 1.001778
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:49:36

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

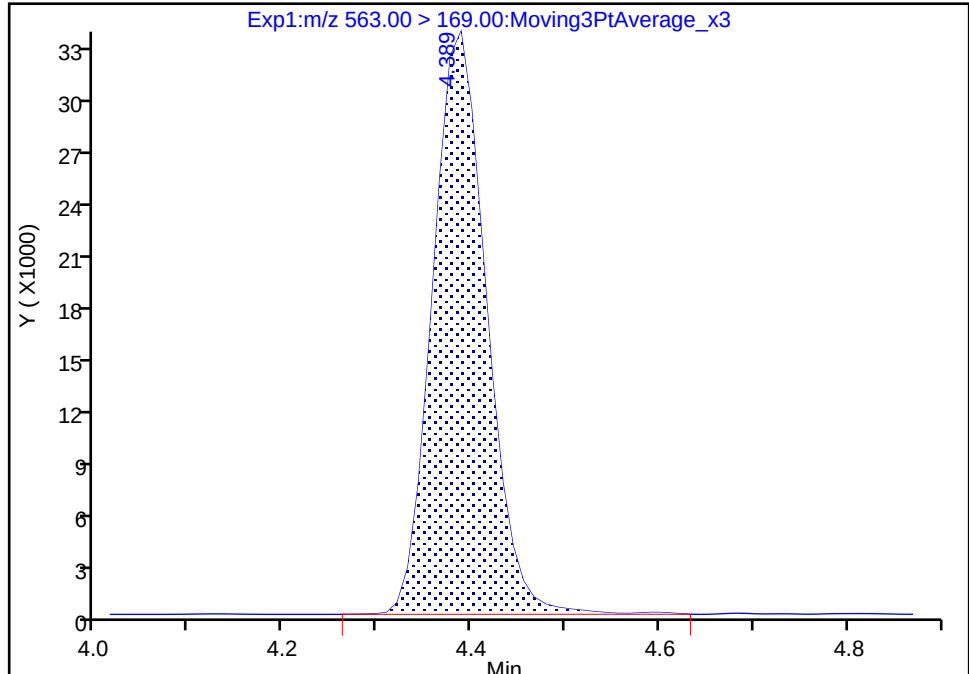
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Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

31 Perfluoroundecanoic acid, CAS: 2058-94-8

Signal: 2

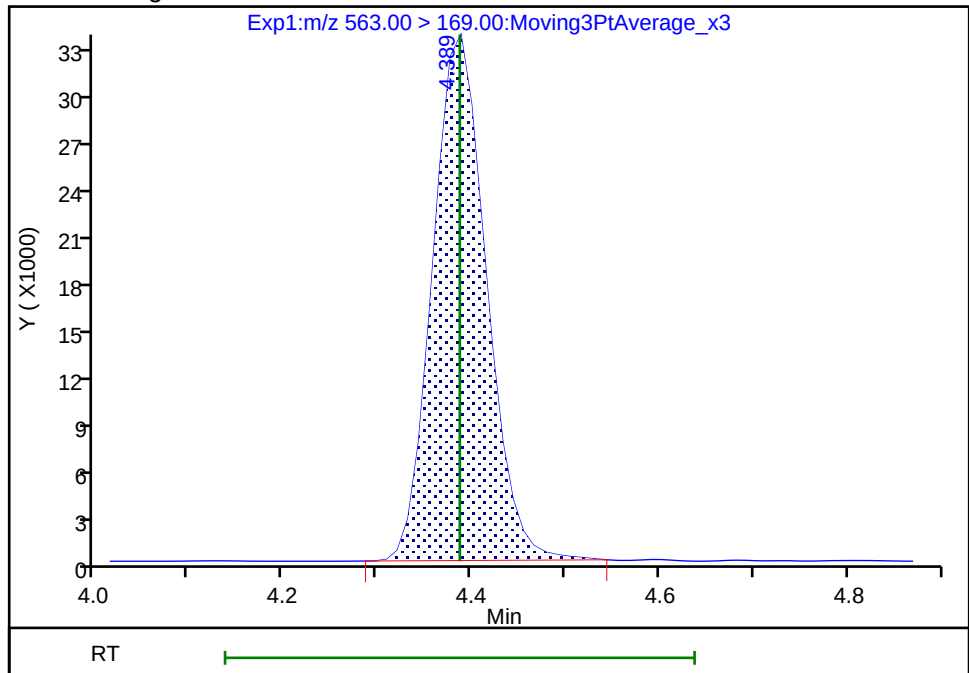
RT: 4.39
Area: 135541
Amount: 1.035923
Amount Units: ng/ml

Processing Integration Results



RT: 4.39
Area: 134425
Amount: 1.031222
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:50:45
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

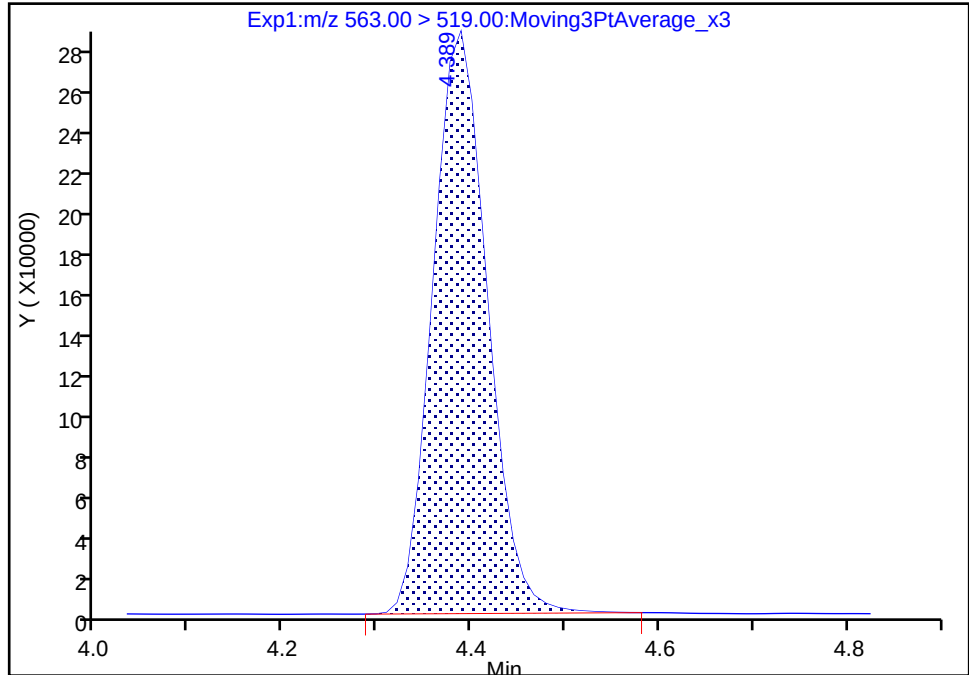
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Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

31 Perfluoroundecanoic acid, CAS: 2058-94-8

Signal: 1

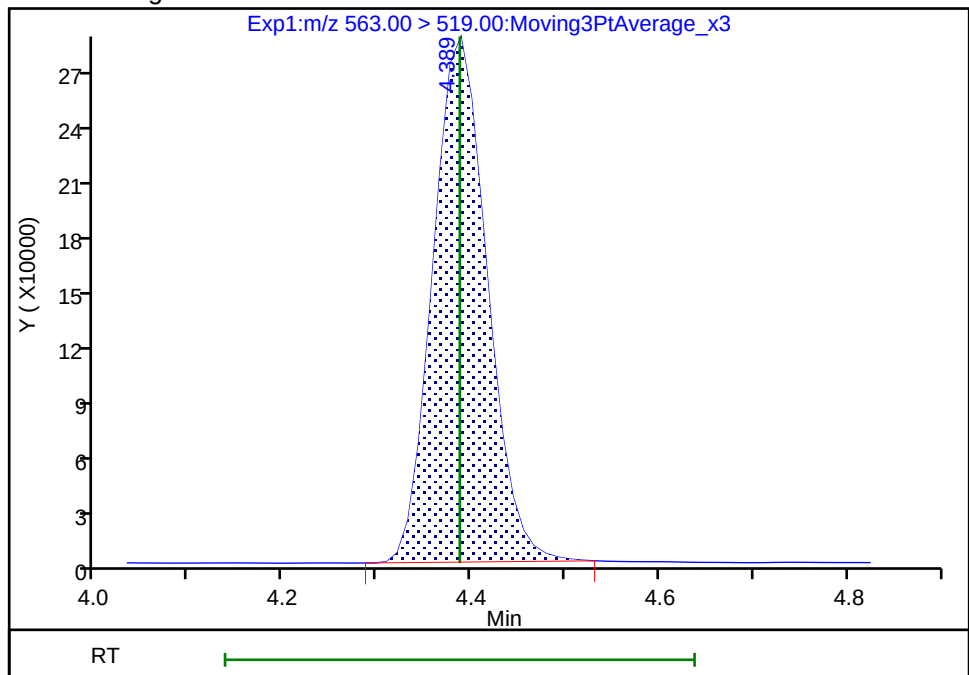
RT: 4.39
Area: 1139173
Amount: 1.035923
Amount Units: ng/ml

Processing Integration Results



RT: 4.39
Area: 1134003
Amount: 1.031222
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:51:02

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

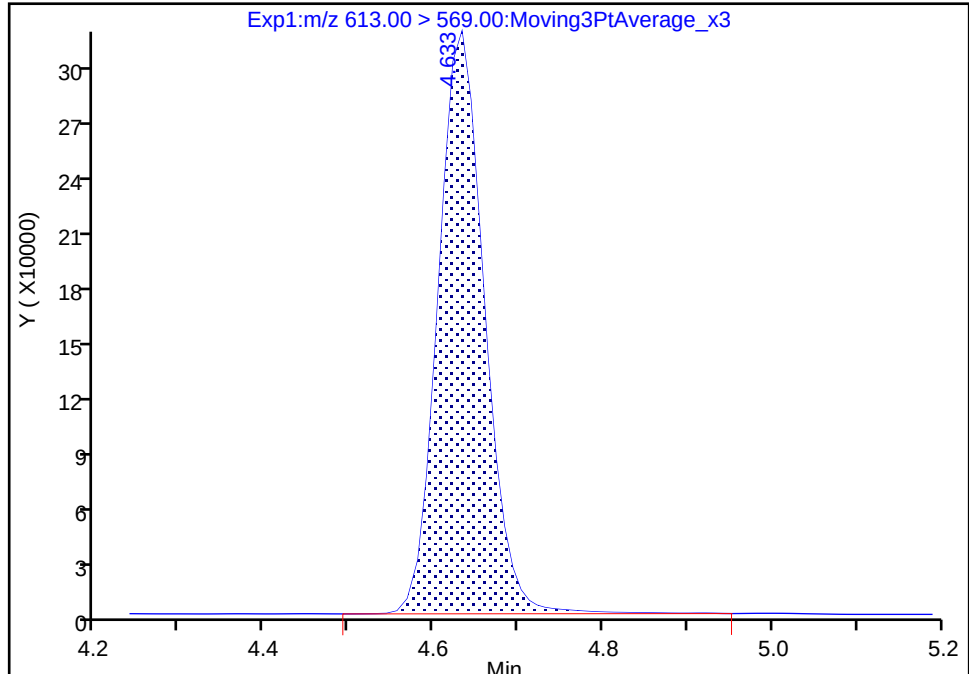
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Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
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Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

37 Perfluorododecanoic acid, CAS: 307-55-1

Signal: 1

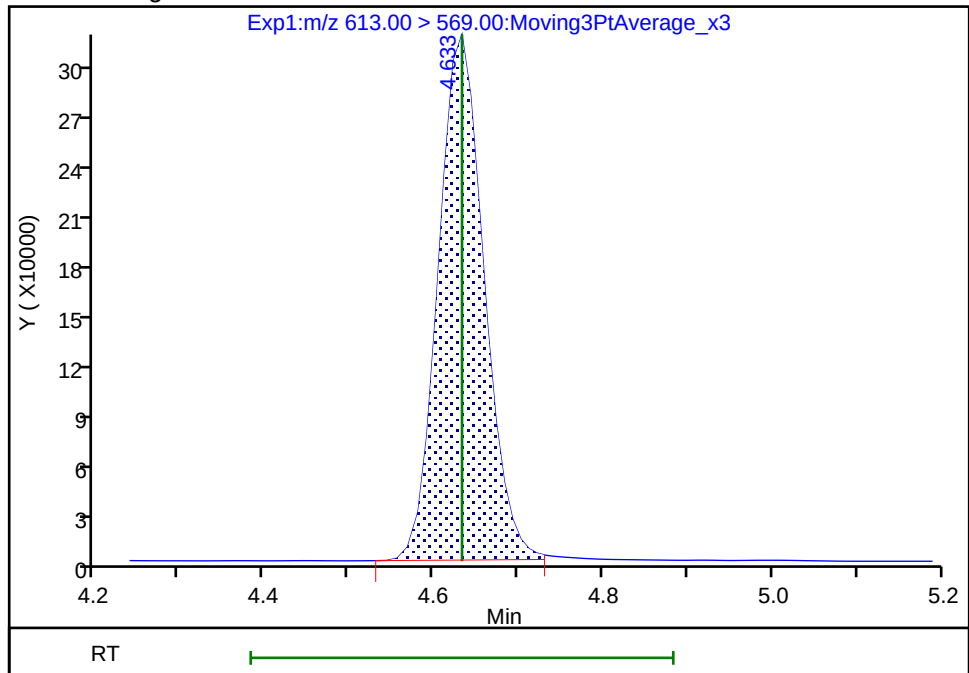
RT: 4.63
Area: 1206253
Amount: 1.058699
Amount Units: ng/ml

Processing Integration Results



RT: 4.63
Area: 1190536
Amount: 1.044905
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:51:55
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

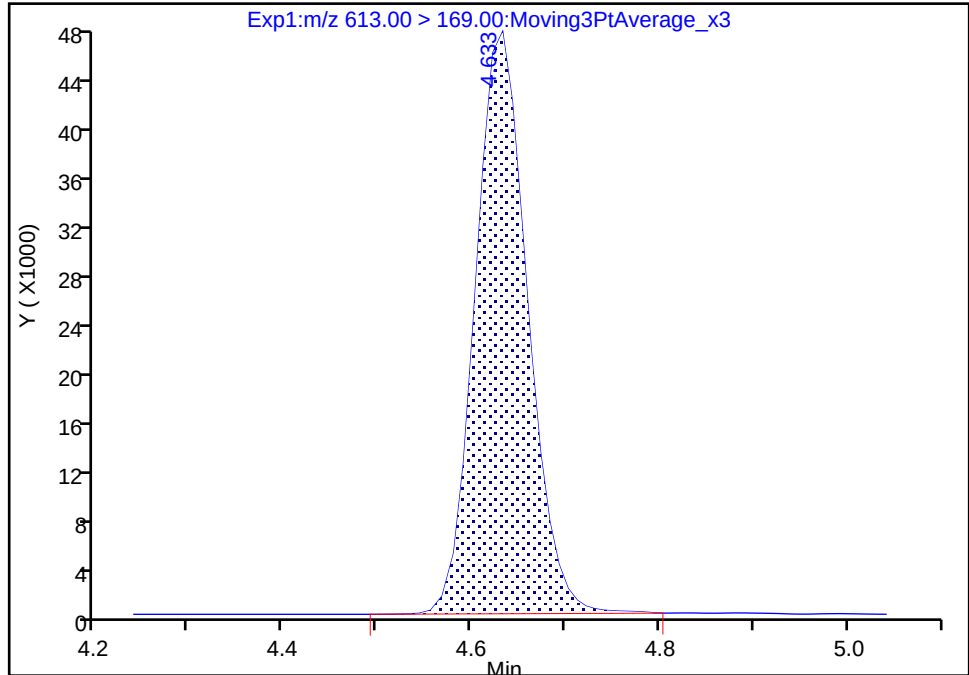
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Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

37 Perfluorododecanoic acid, CAS: 307-55-1

Signal: 2

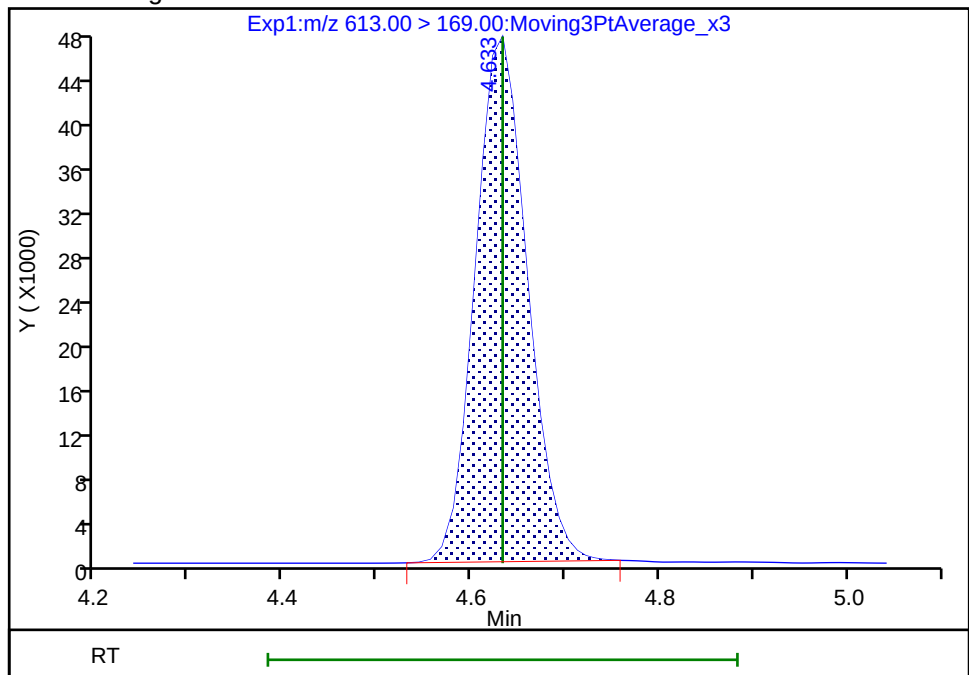
RT: 4.63
Area: 181917
Amount: 1.058699
Amount Units: ng/ml

Processing Integration Results



RT: 4.63
Area: 180367
Amount: 1.044905
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:52:00

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

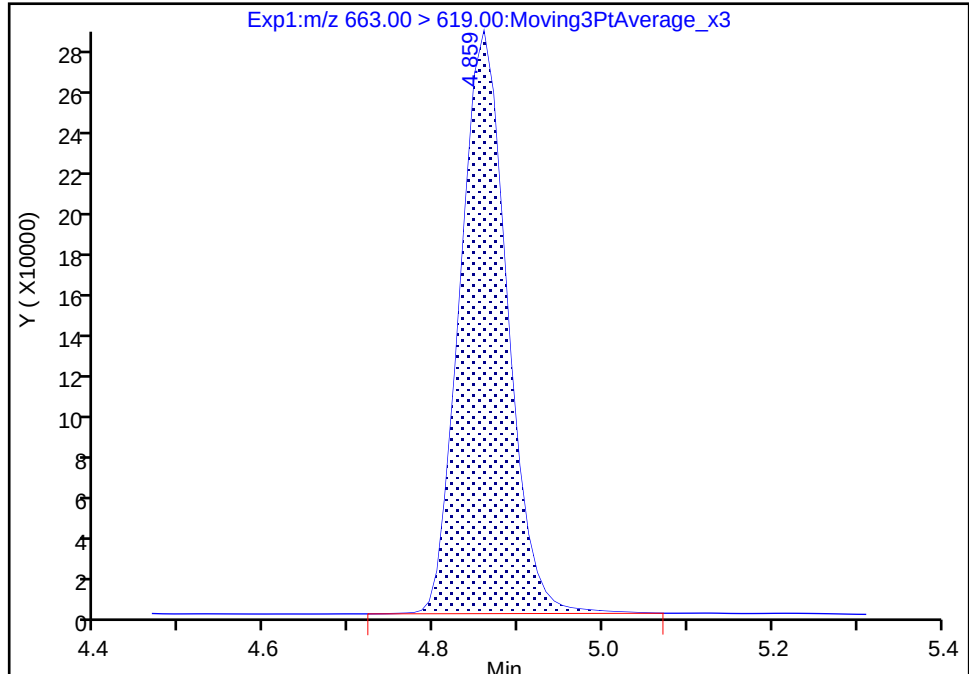
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Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

41 Perfluorotridecanoic acid, CAS: 72629-94-8

Signal: 1

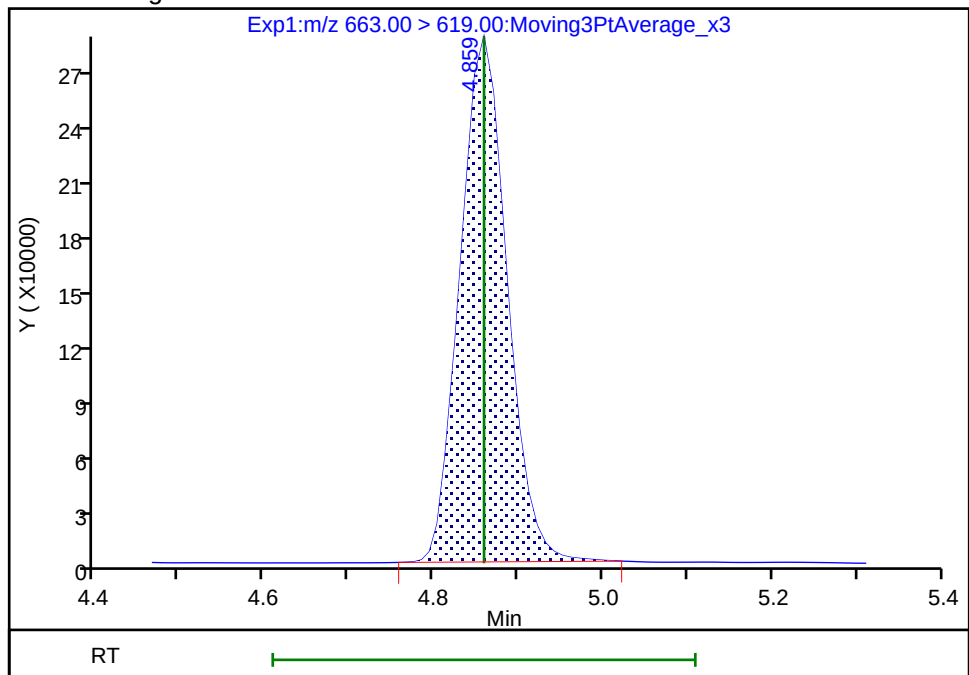
RT: 4.86
Area: 1110741
Amount: 1.124592
Amount Units: ng/ml

Processing Integration Results



RT: 4.86
Area: 1103224
Amount: 1.116981
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:52:42

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

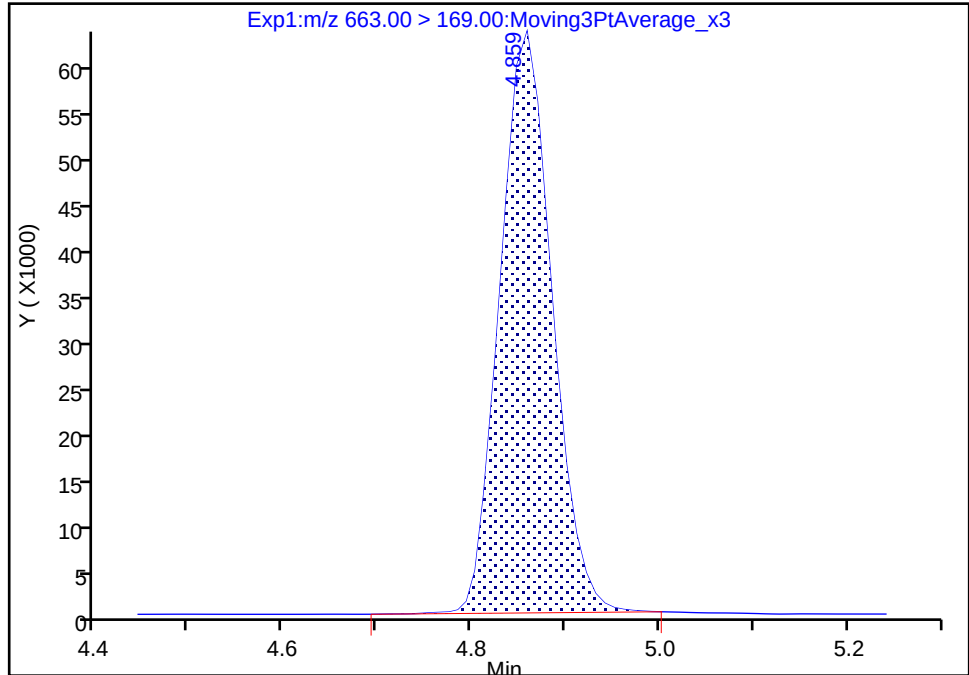
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Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

41 Perfluorotridecanoic acid, CAS: 72629-94-8

Signal: 2

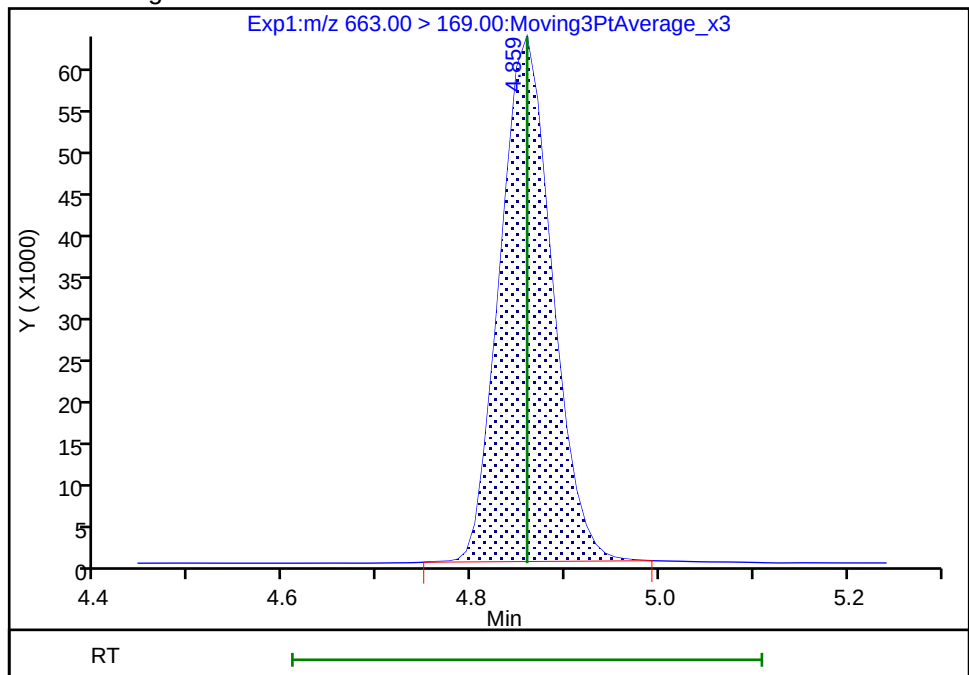
RT: 4.86
Area: 245052
Amount: 1.124592
Amount Units: ng/ml

Processing Integration Results



RT: 4.86
Area: 244305
Amount: 1.116981
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:52:49

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

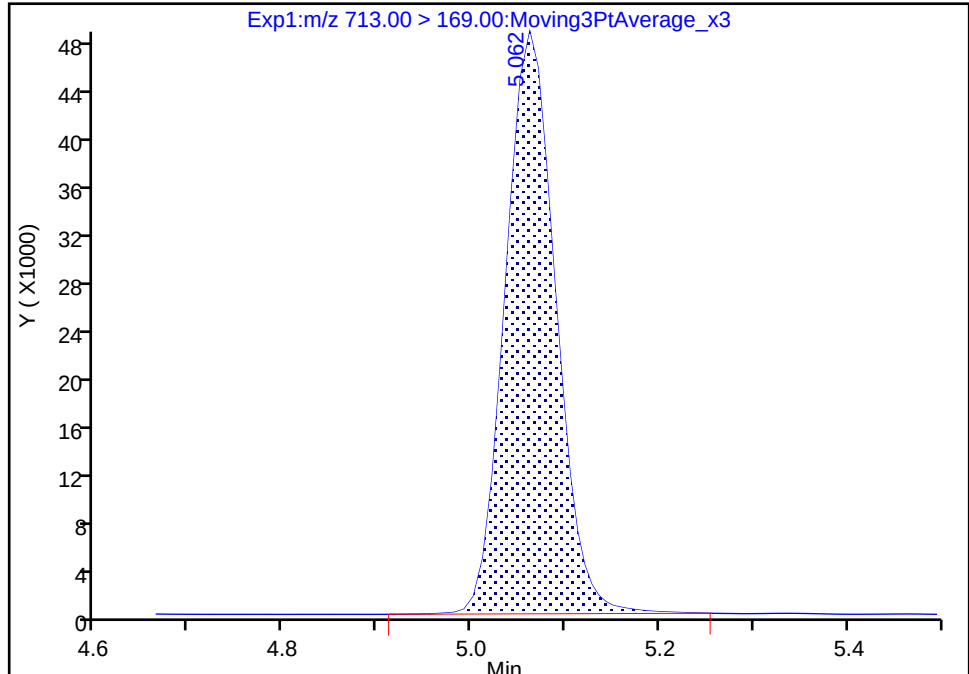
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Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

42 Perfluorotetradecanoic acid, CAS: 376-06-7

Signal: 1

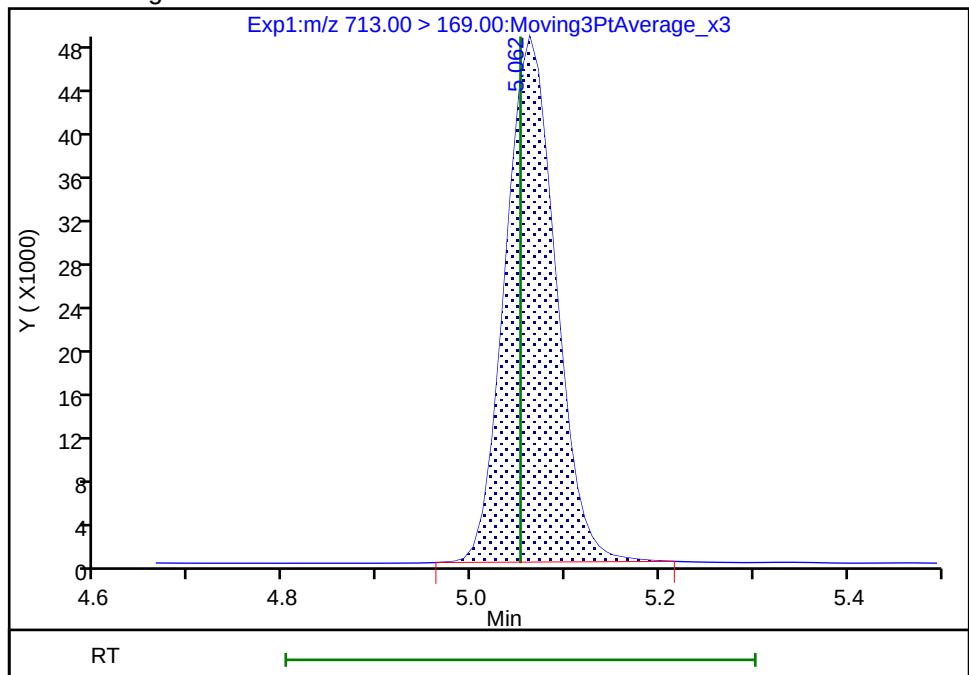
RT: 5.06
Area: 180599
Amount: 1.074589
Amount Units: ng/ml

Processing Integration Results



RT: 5.06
Area: 179473
Amount: 1.067889
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:53:10
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

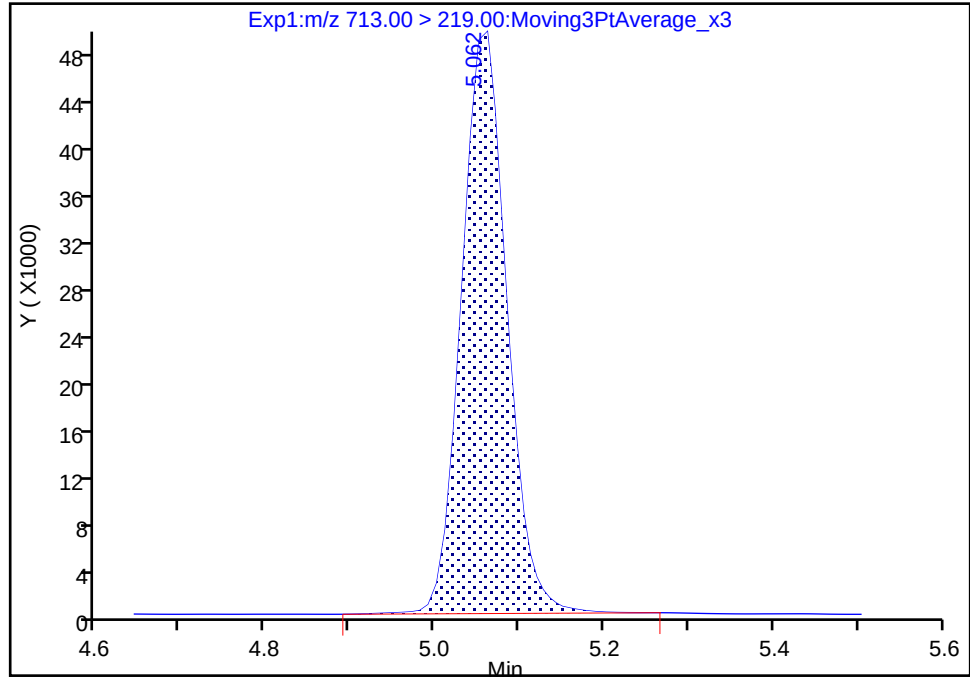
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Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

42 Perfluorotetradecanoic acid, CAS: 376-06-7

Signal: 2

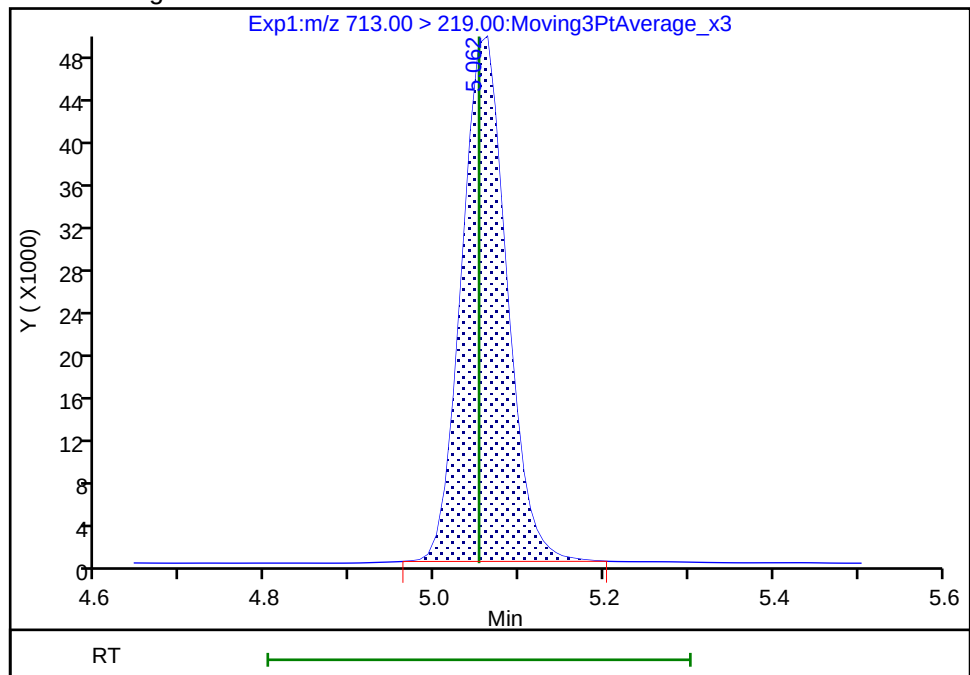
RT: 5.06
Area: 183511
Amount: 1.074589
Amount Units: ng/ml

Processing Integration Results



RT: 5.06
Area: 181801
Amount: 1.067889
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:53:15

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

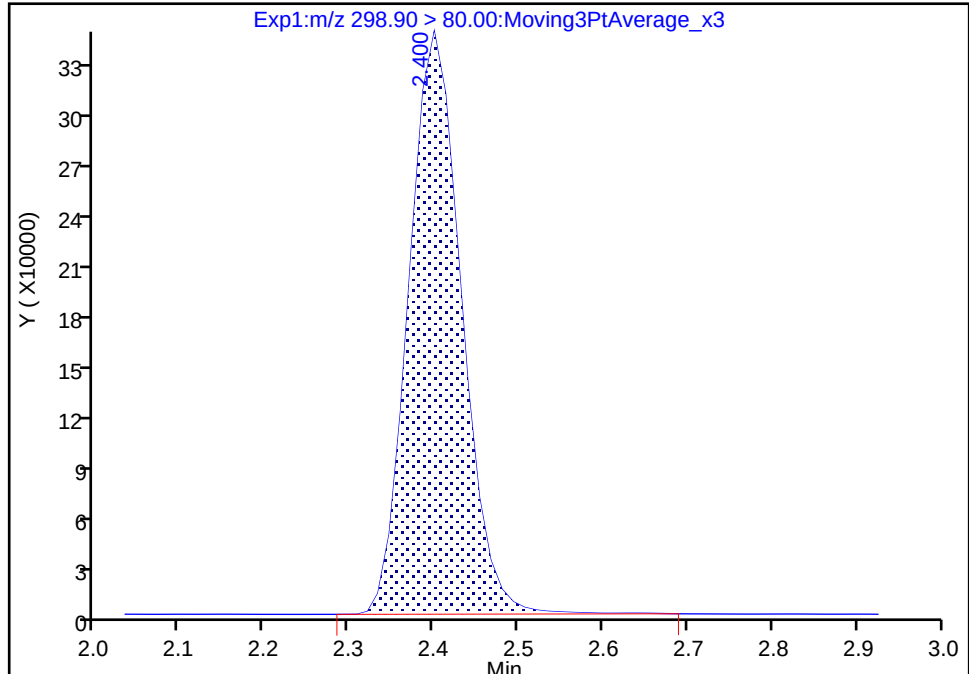
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Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

5 Perfluorobutanesulfonic acid, CAS: 375-73-5

Signal: 1

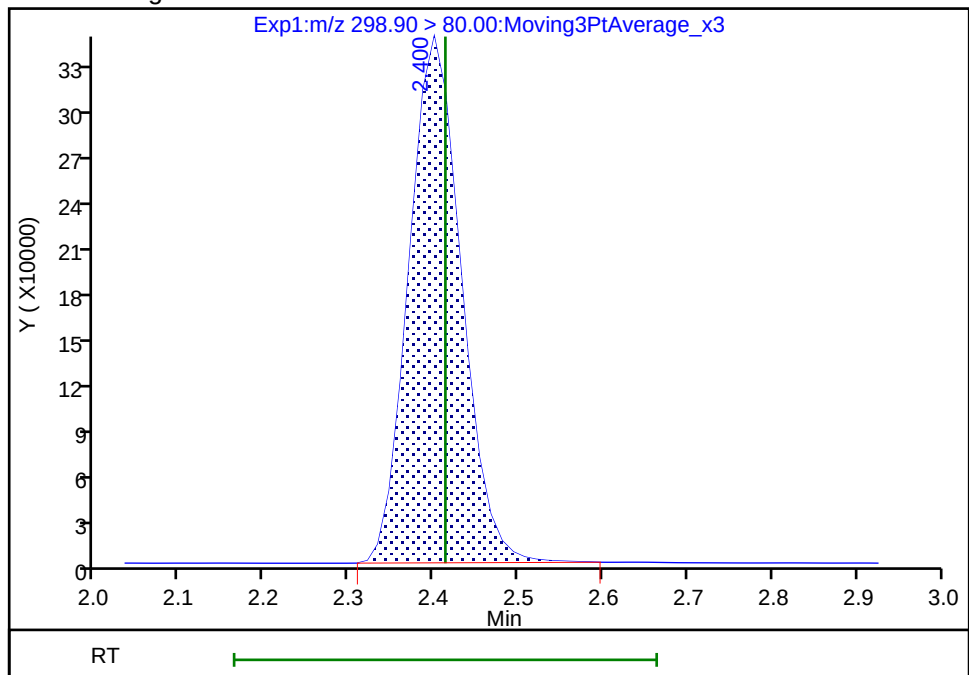
RT: 2.40
Area: 1479919
Amount: 0.911297
Amount Units: ng/ml

Processing Integration Results



RT: 2.40
Area: 1474580
Amount: 0.908010
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:57:15

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

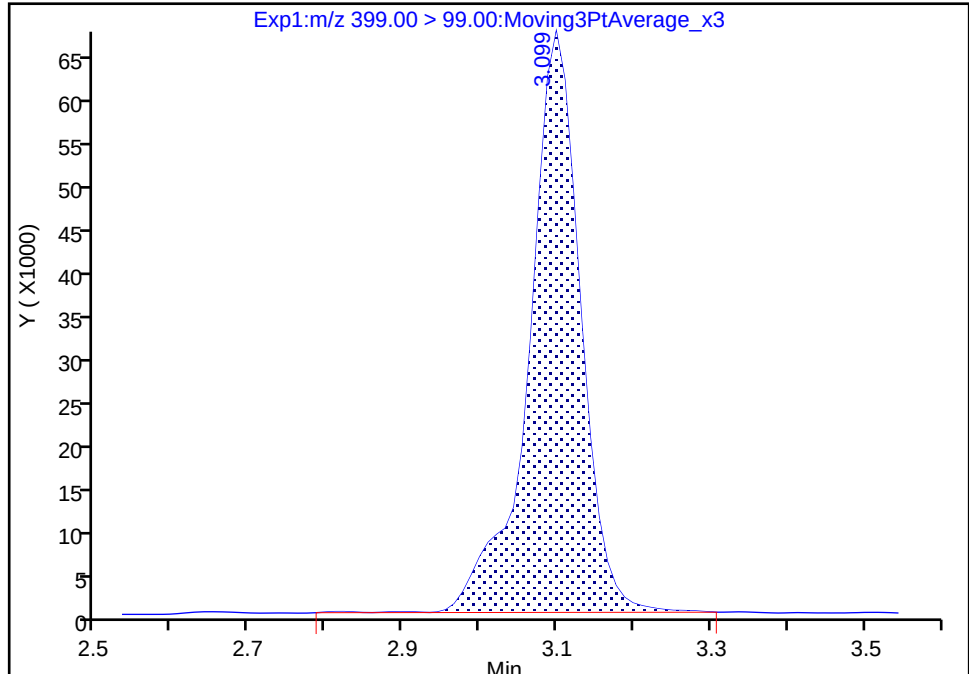
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D07.d
Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 2

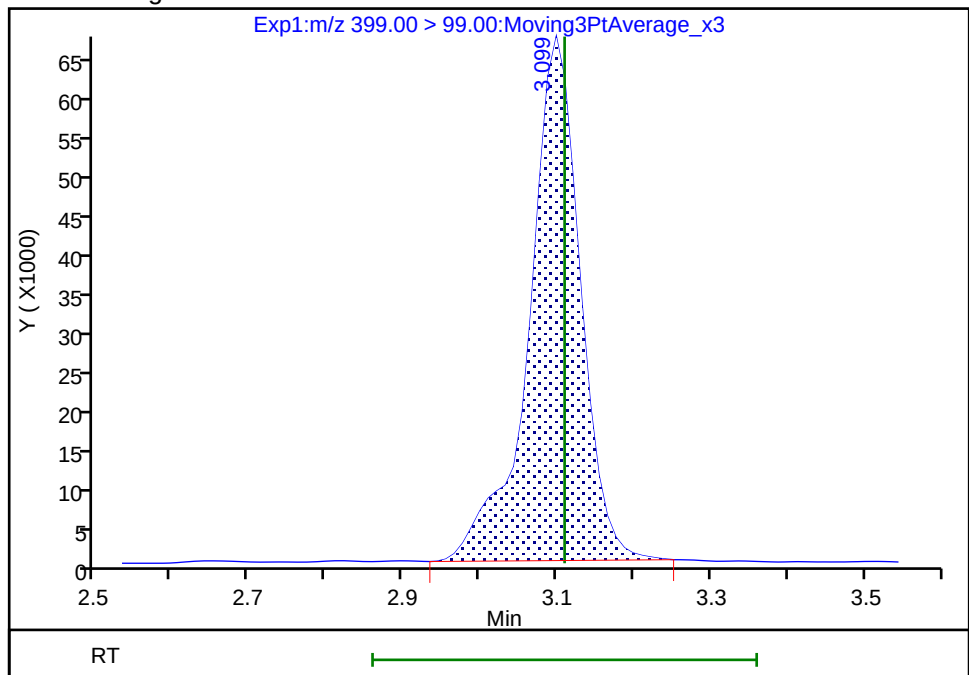
RT: 3.10
Area: 315950
Amount: 0.959843
Amount Units: ng/ml

Processing Integration Results



RT: 3.10
Area: 312841
Amount: 0.957159
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:57:38

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

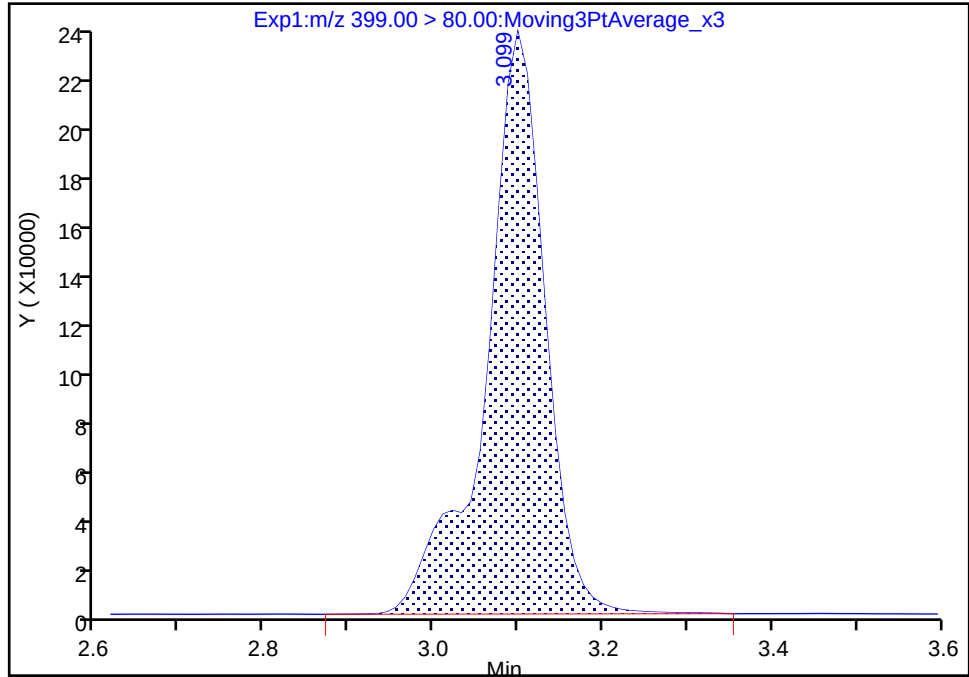
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D07.d
Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 1

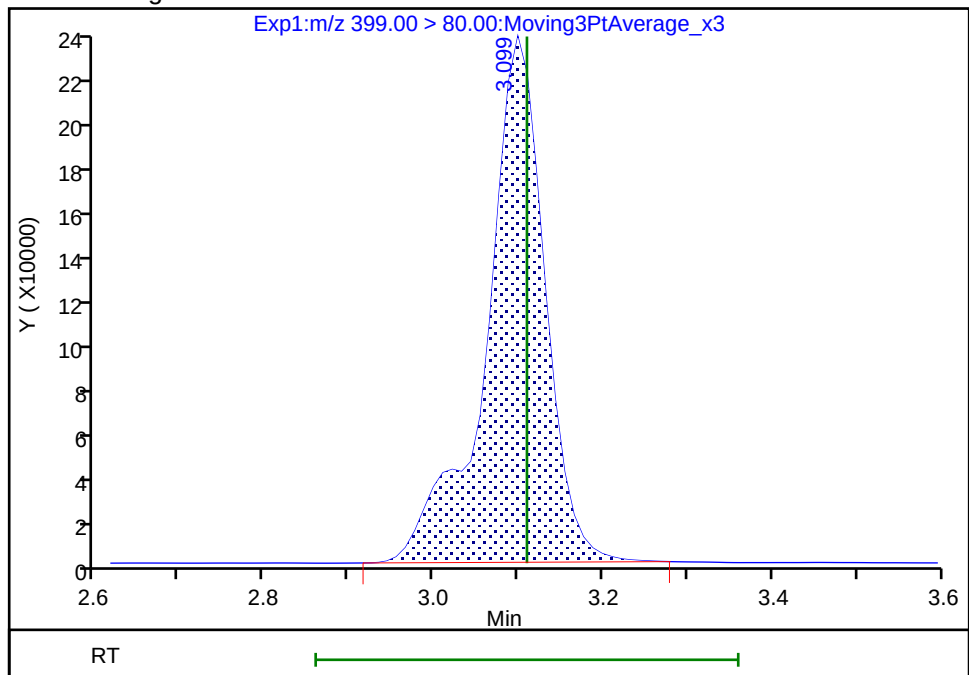
RT: 3.10
Area: 1127570
Amount: 0.959843
Amount Units: ng/ml

Processing Integration Results



RT: 3.10
Area: 1120379
Amount: 0.957159
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:46:07

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

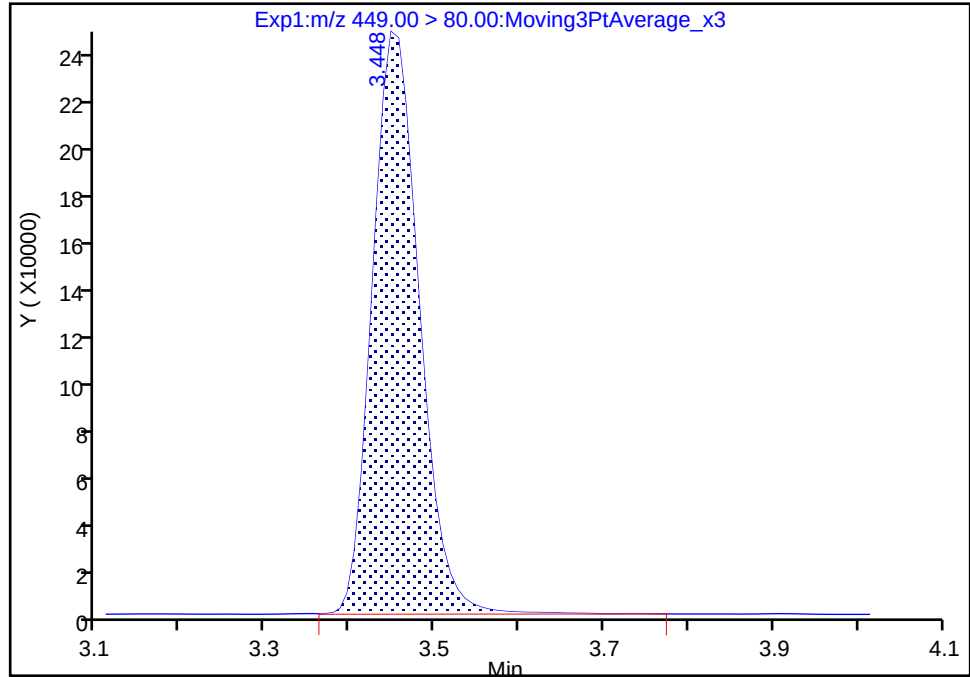
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D07.d
Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

16 Perfluoroheptanesulfonic acid, CAS: 375-92-8

Signal: 1

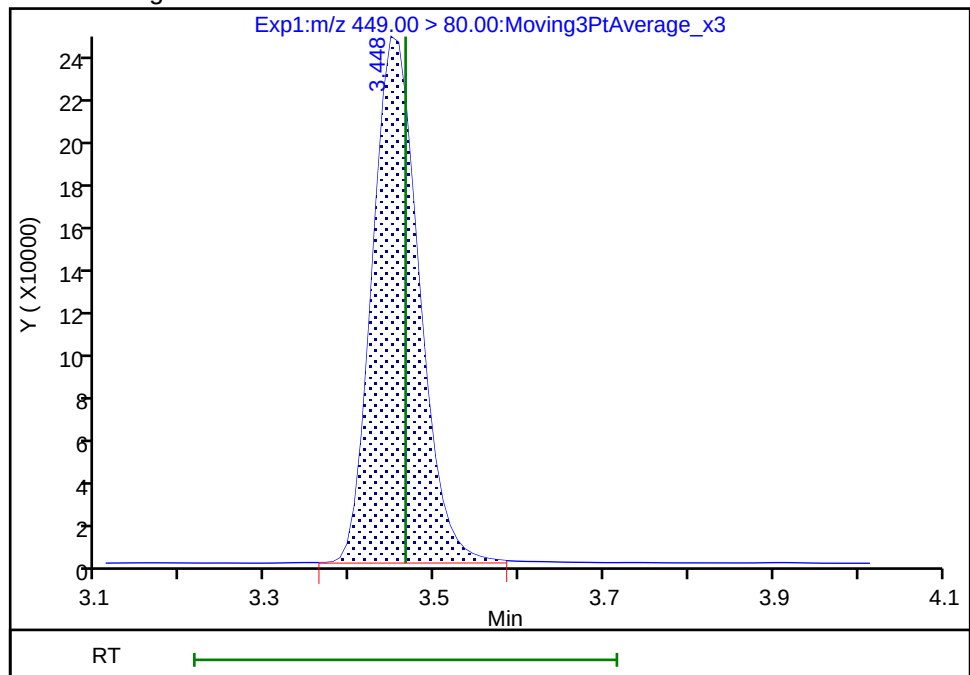
RT: 3.45
Area: 951945
Amount: 1.072733
Amount Units: ng/ml

Processing Integration Results



RT: 3.45
Area: 948073
Amount: 1.073585
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:57:58

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

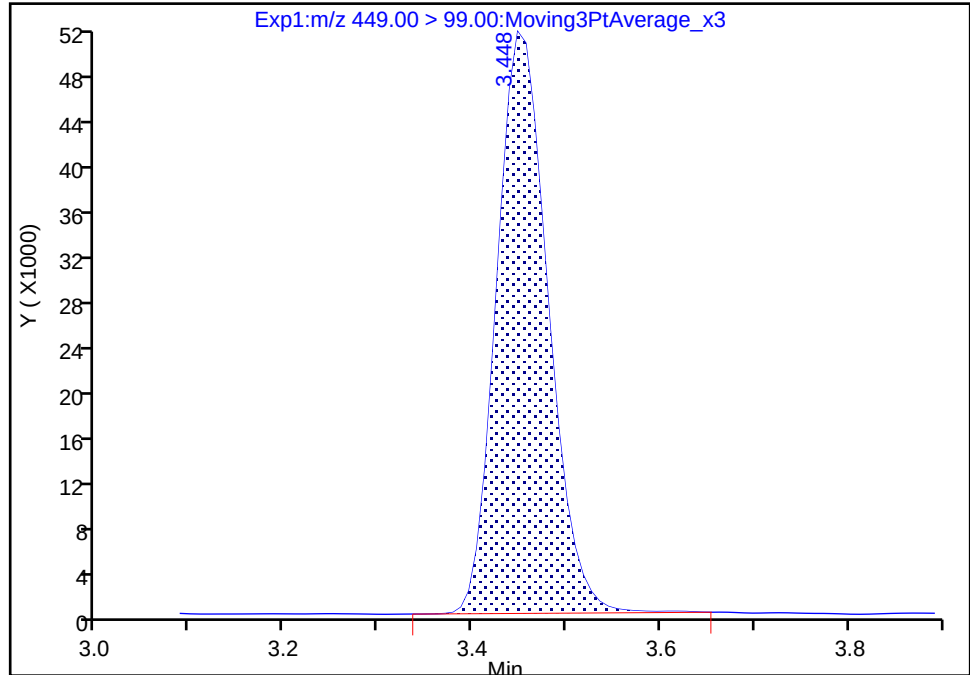
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D07.d
Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

16 Perfluoroheptanesulfonic acid, CAS: 375-92-8

Signal: 2

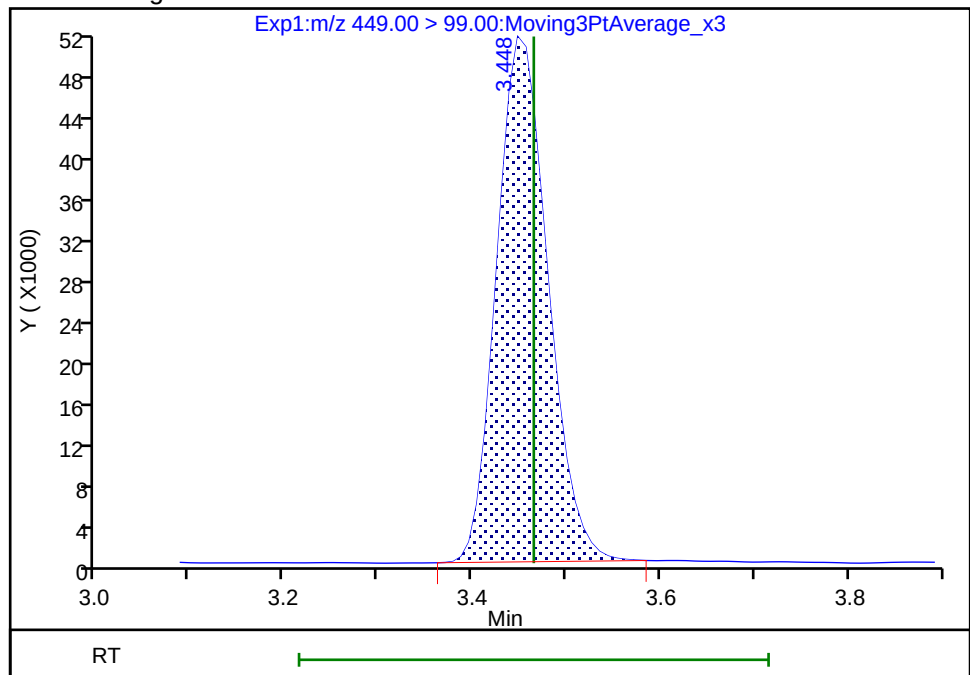
RT: 3.45
Area: 195349
Amount: 1.072733
Amount Units: ng/ml

Processing Integration Results



RT: 3.45
Area: 194219
Amount: 1.073585
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:48:23

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

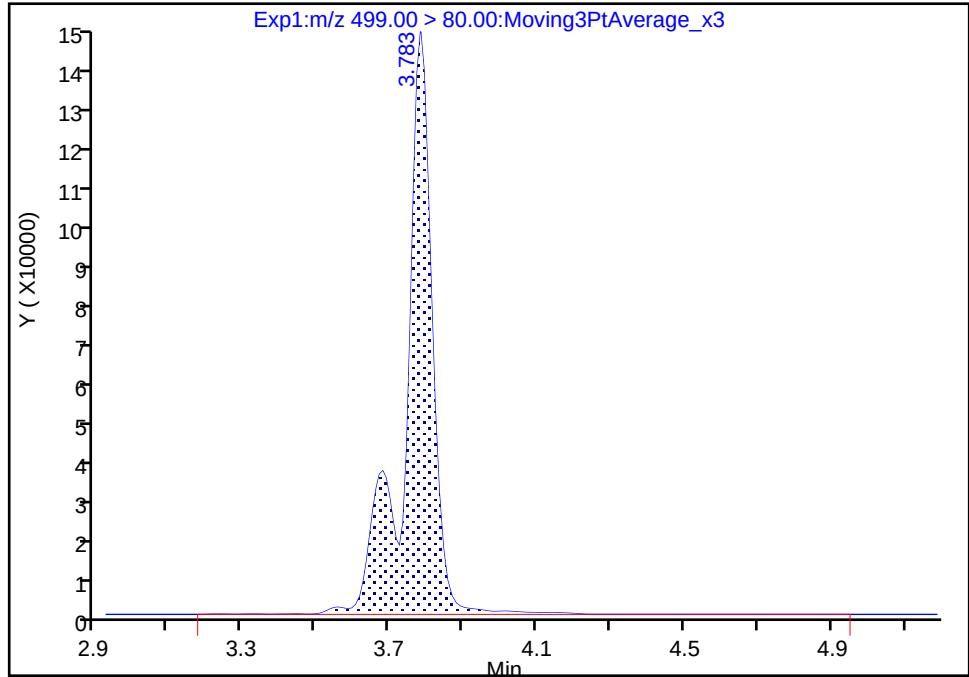
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D07.d
Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 1

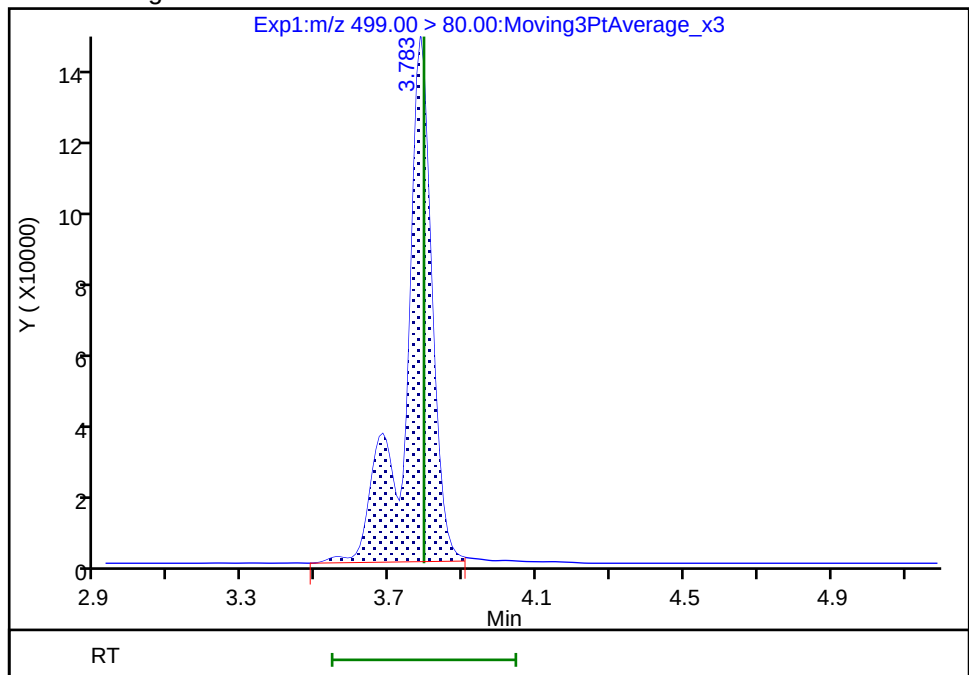
RT: 3.78
Area: 768210
Amount: 1.056959
Amount Units: ng/ml

Processing Integration Results



RT: 3.78
Area: 746998
Amount: 1.032369
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:58:28

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

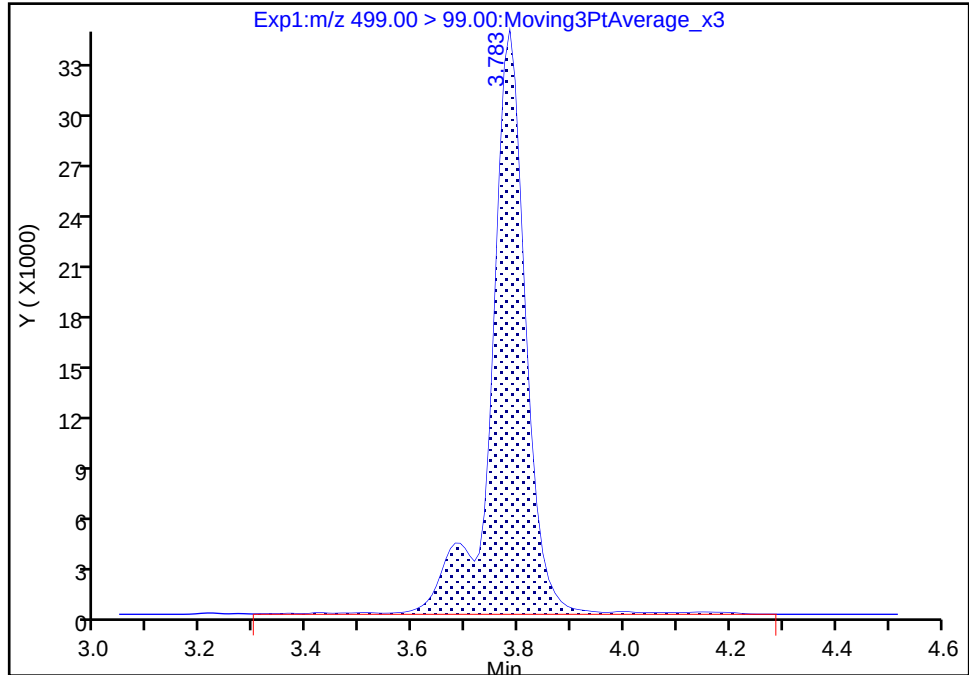
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D07.d
Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 2

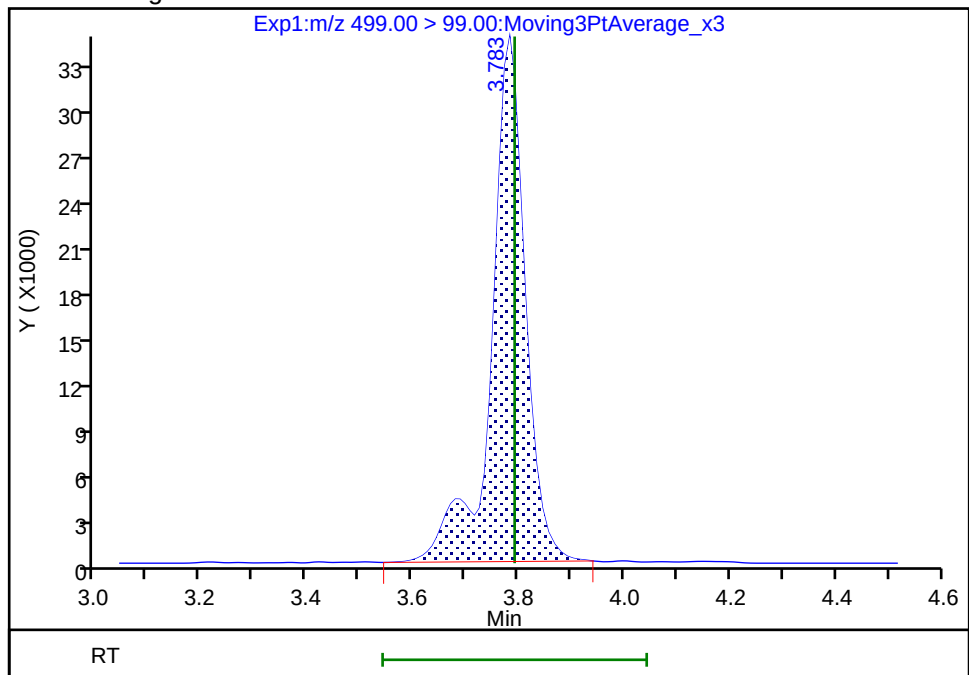
RT: 3.78
Area: 156810
Amount: 1.056959
Amount Units: ng/ml

Processing Integration Results



RT: 3.78
Area: 152051
Amount: 1.032369
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:49:00

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

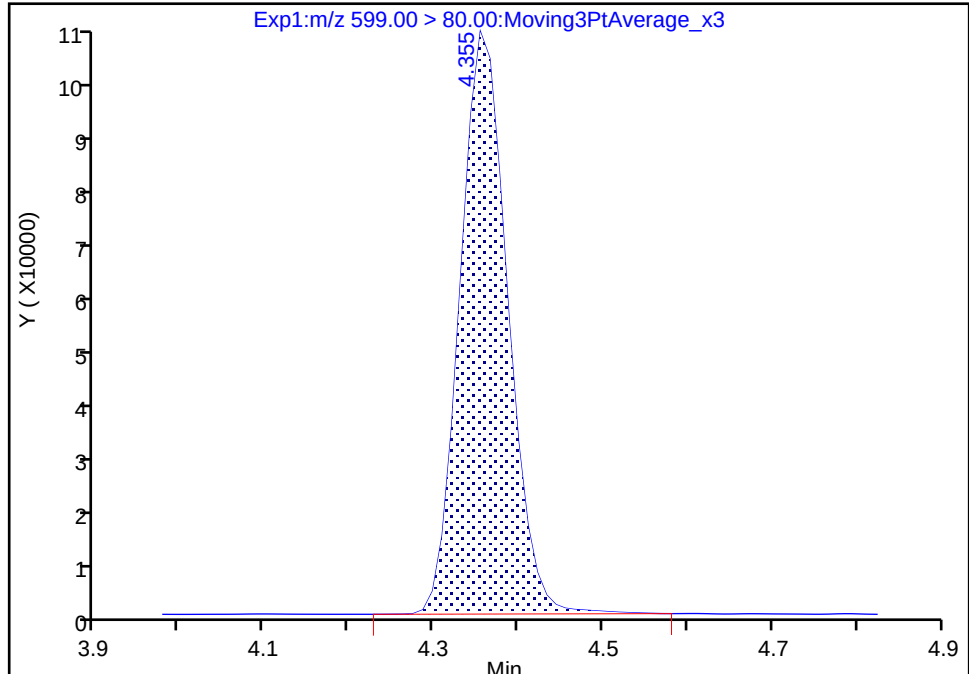
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D07.d
Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

29 Perfluorodecanesulfonic acid, CAS: 335-77-3

Signal: 1

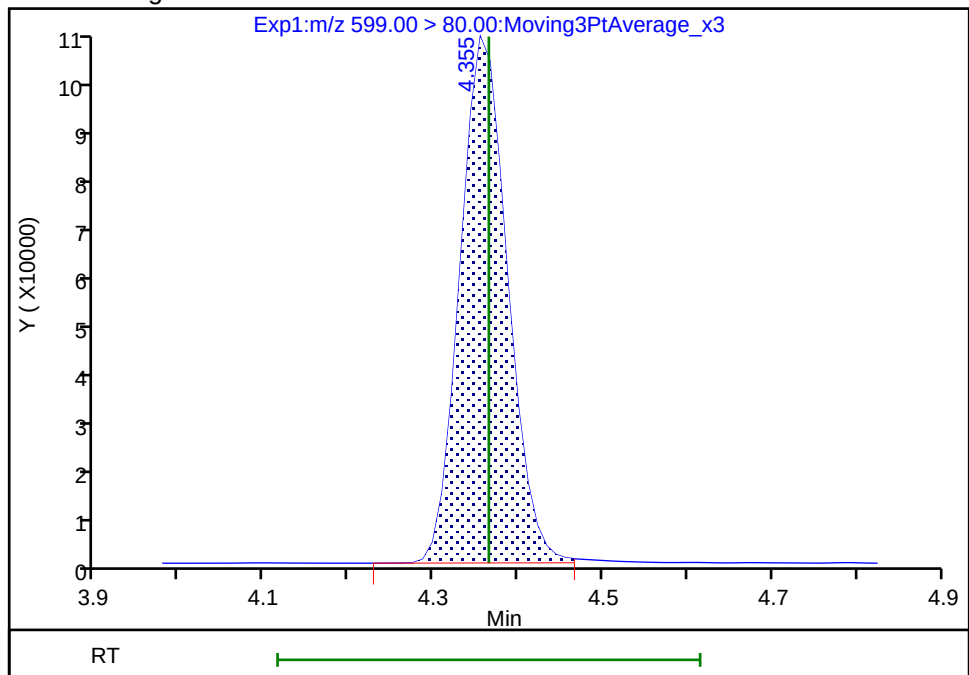
RT: 4.35
Area: 411744
Amount: 0.984279
Amount Units: ng/ml

Processing Integration Results



RT: 4.35
Area: 409738
Amount: 0.984265
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:59:09

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

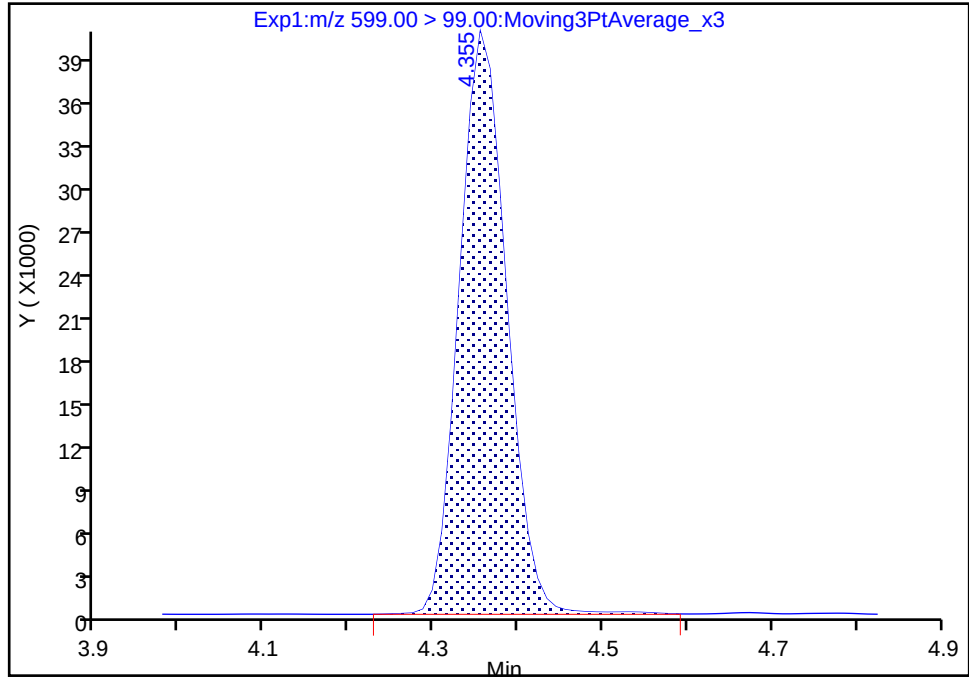
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D07.d
Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

29 Perfluorodecanesulfonic acid, CAS: 335-77-3

Signal: 2

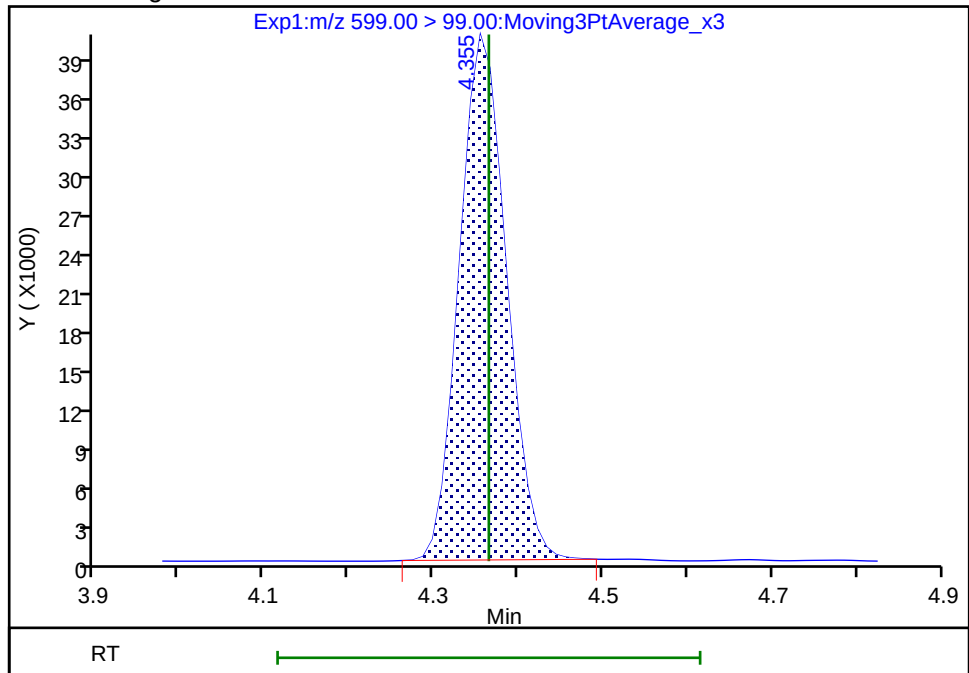
RT: 4.35
Area: 158604
Amount: 0.984279
Amount Units: ng/ml

Processing Integration Results



RT: 4.35
Area: 156505
Amount: 0.984265
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:50:32

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

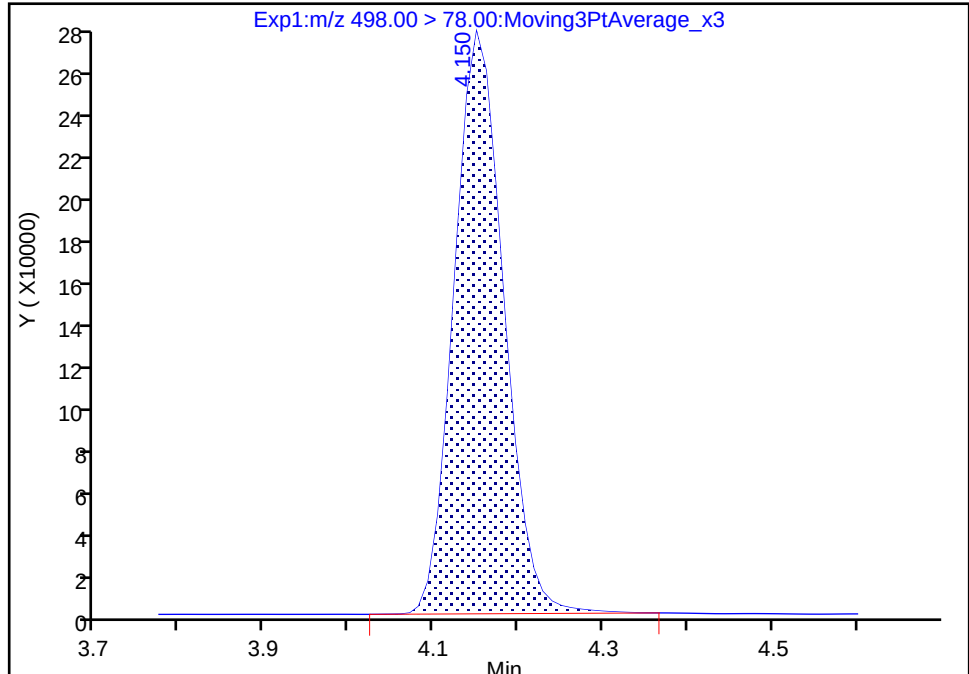
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D07.d
Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

22 Perfluorooctanesulfonamide, CAS: 754-91-6

Signal: 1

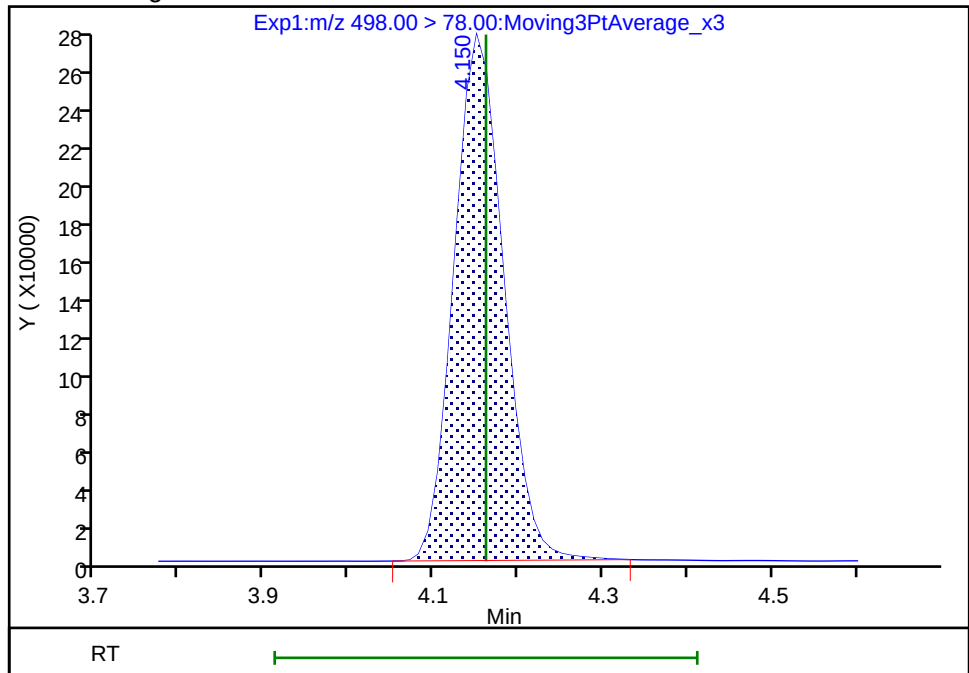
RT: 4.15
Area: 1123456
Amount: 1.083524
Amount Units: ng/ml

Processing Integration Results



RT: 4.15
Area: 1121033
Amount: 1.081188
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:50:06
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

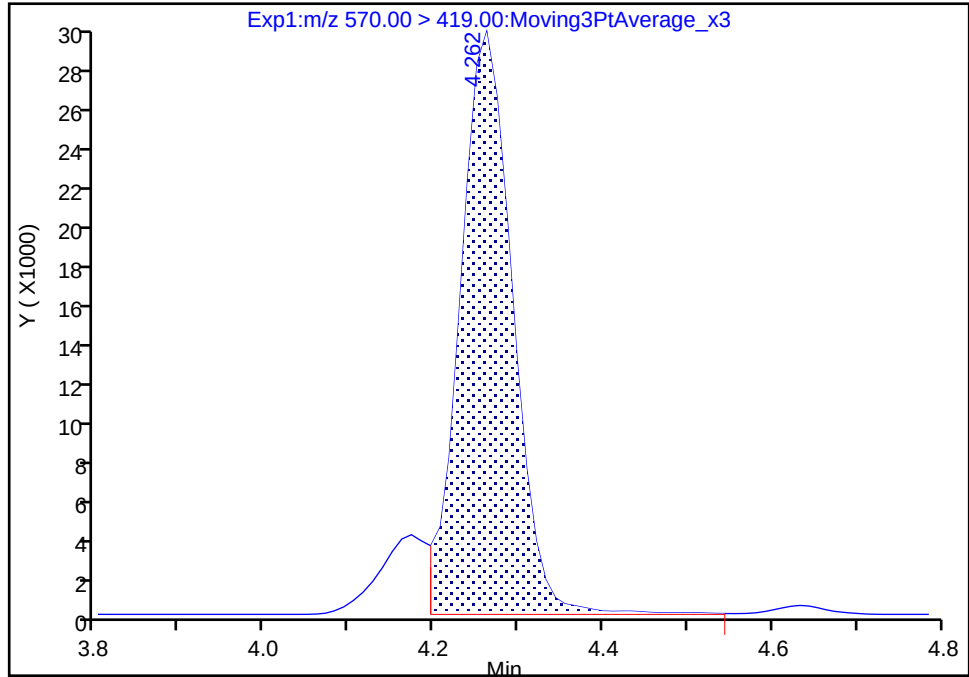
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D07.d
Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

28 N-methylperfluorooctanesulfonami, CAS: 2355-31-9

Signal: 1

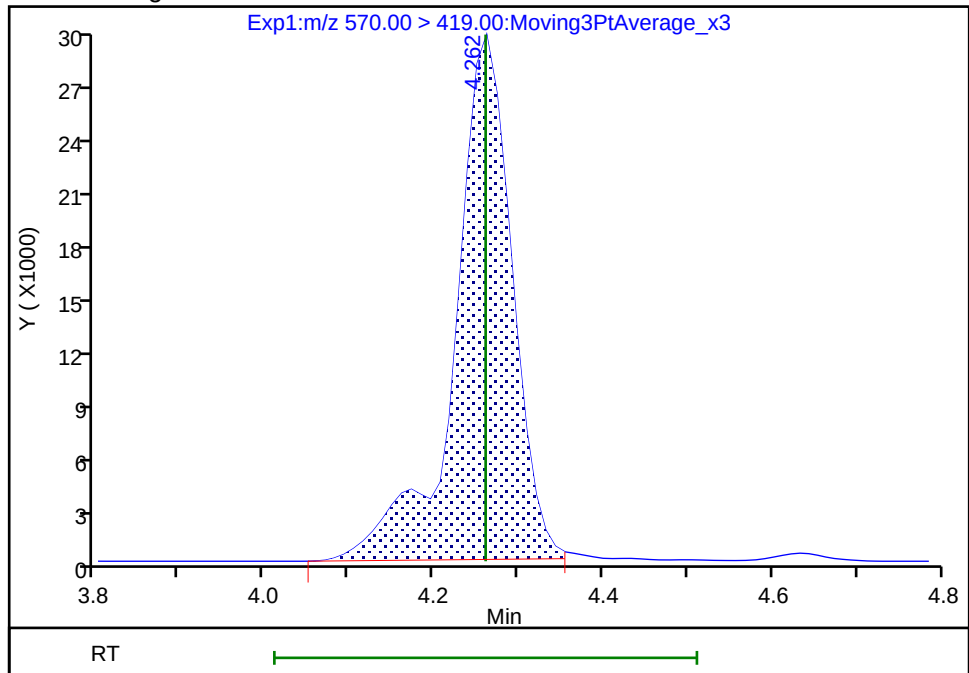
RT: 4.26
Area: 126003
Amount: 0.998873
Amount Units: ng/ml

Processing Integration Results



RT: 4.26
Area: 138535
Amount: 1.109744
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:50:17
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

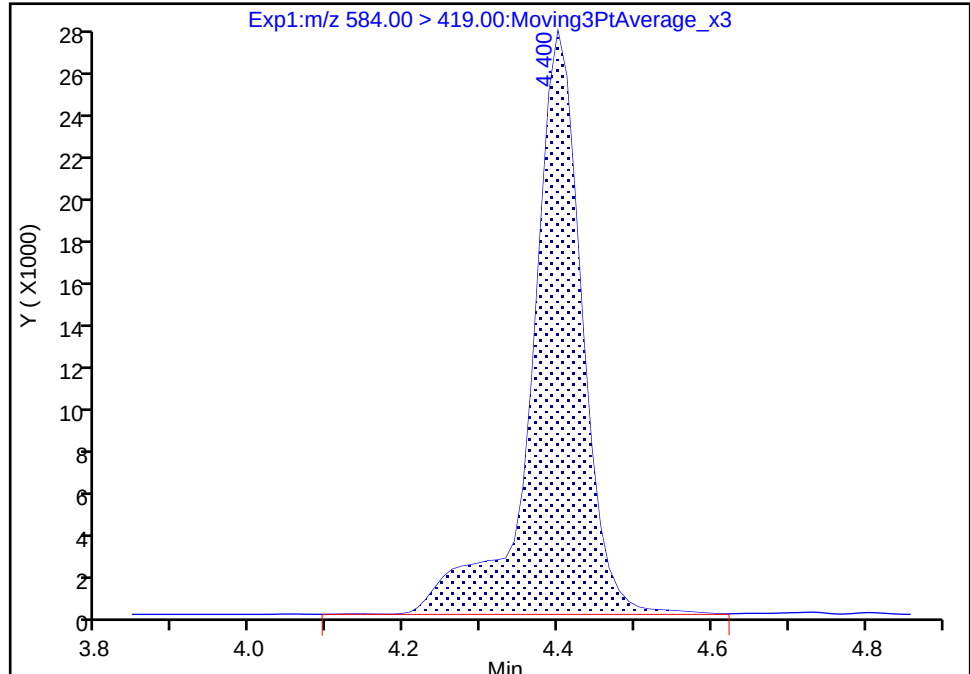
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D07.d
Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

33 N-ethylperfluorooctanesulfonamid, CAS: 2991-50-6

Signal: 1

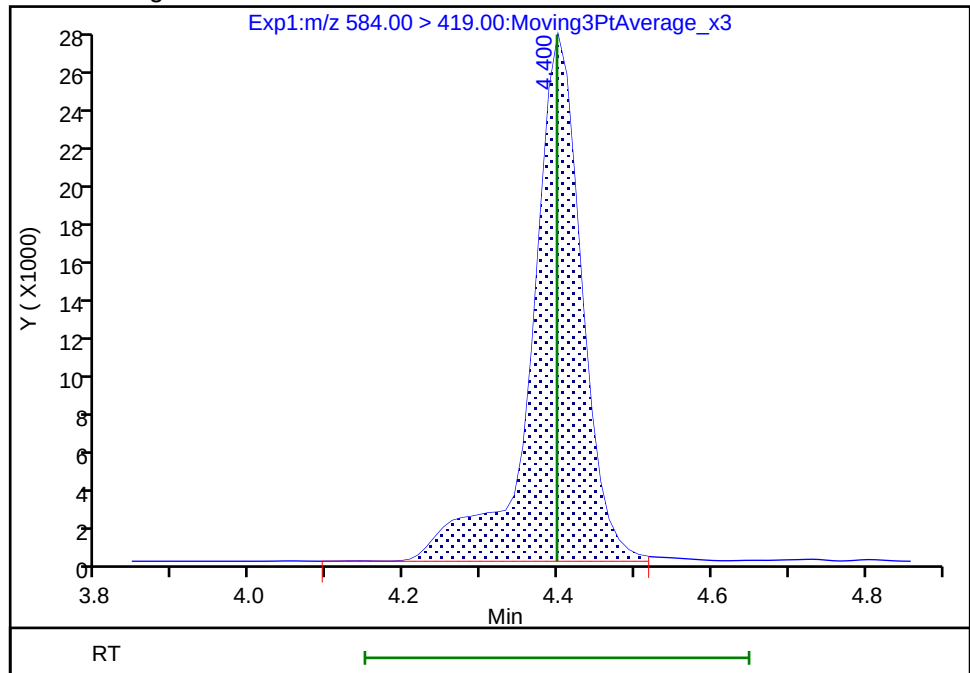
RT: 4.40
Area: 125320
Amount: 0.989443
Amount Units: ng/ml

Processing Integration Results



RT: 4.40
Area: 124565
Amount: 0.985924
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 11:59:15

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

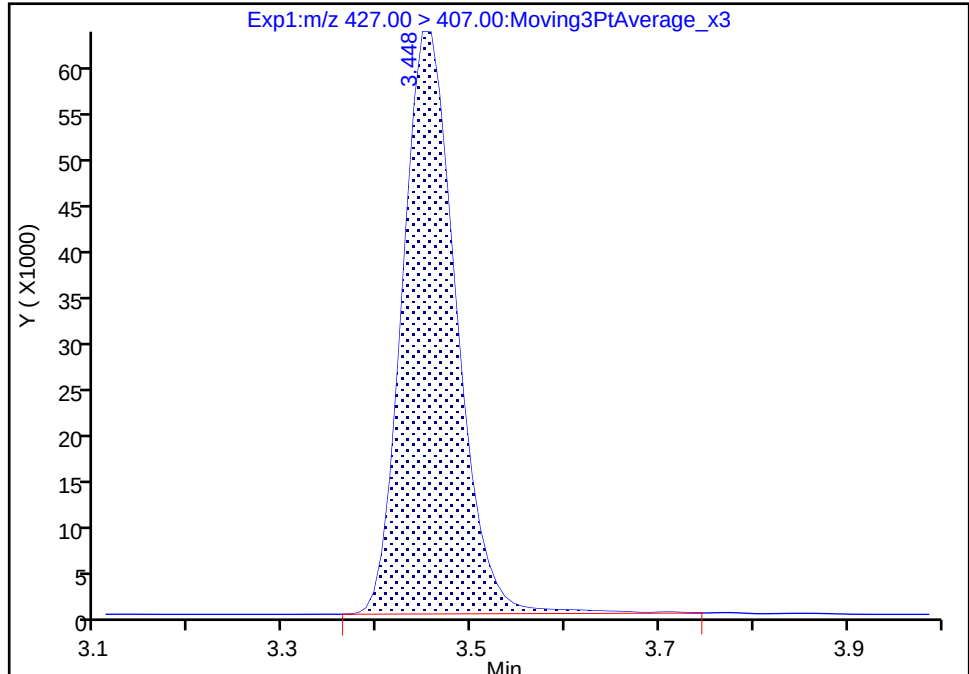
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D07.d
Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

13 1H,1H,2H,2H-perfluorooctanesulfo, CAS: 27619-97-2

Signal: 1

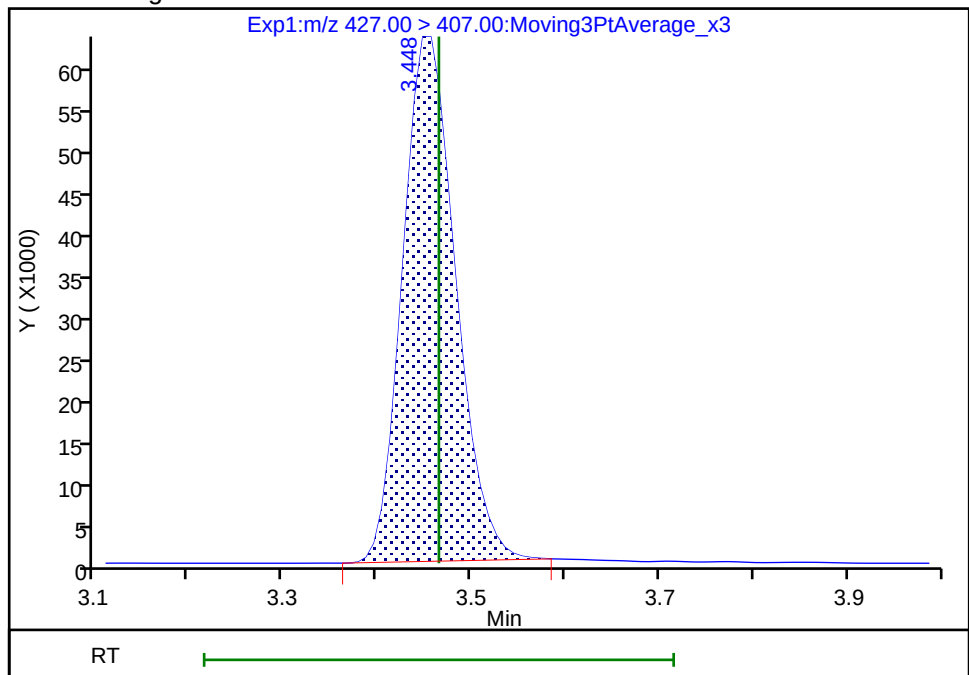
RT: 3.45
Area: 253020
Amount: 1.092143
Amount Units: ng/ml

Processing Integration Results



RT: 3.45
Area: 248228
Amount: 1.071140
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:48:14
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

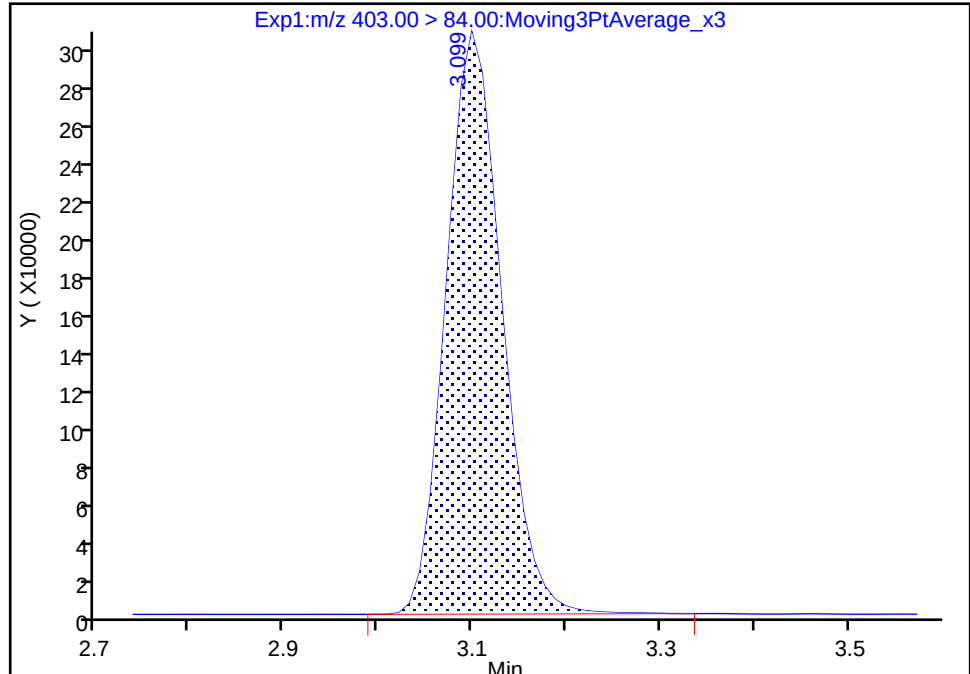
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D07.d
Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 11 18O2 PFHxS, CAS: STL00994

Signal: 1

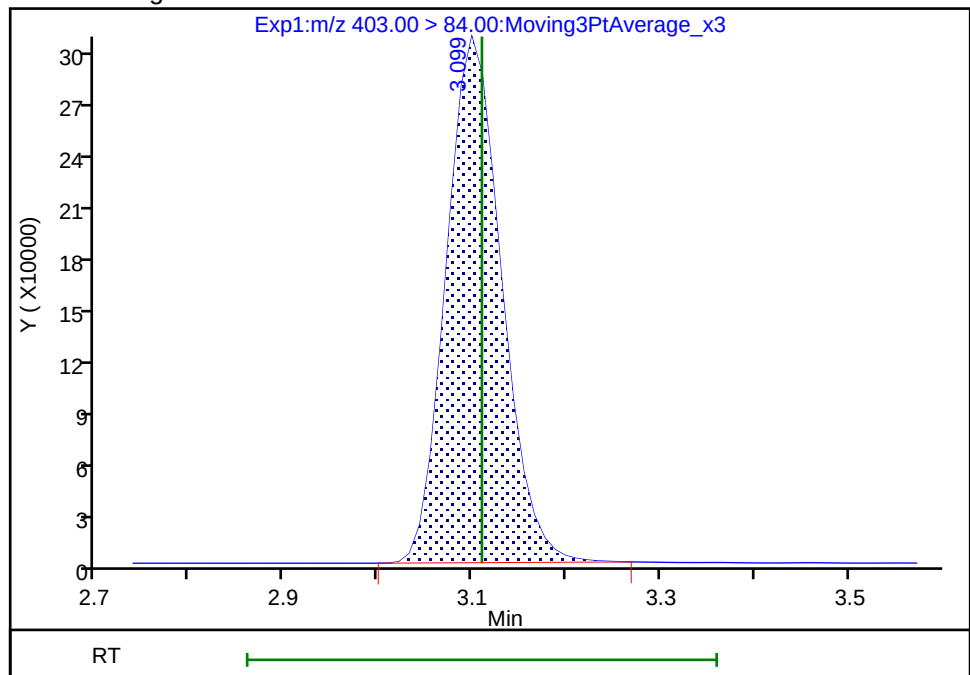
RT: 3.10
Area: 1259483
Amount: 0.999089
Amount Units: ng/ml

Processing Integration Results



RT: 3.10
Area: 1254960
Amount: 1.001771
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:45:58
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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08/09/2022

Eurofins Burlington

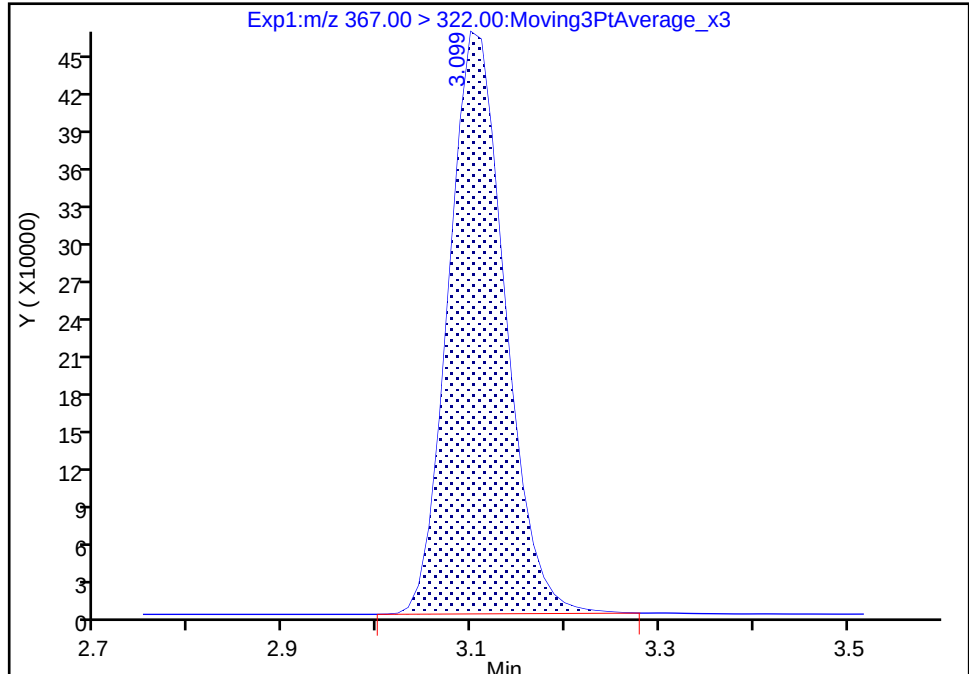
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D07.d
Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 9 13C4 PFHpA, CAS: STL01892

Signal: 1

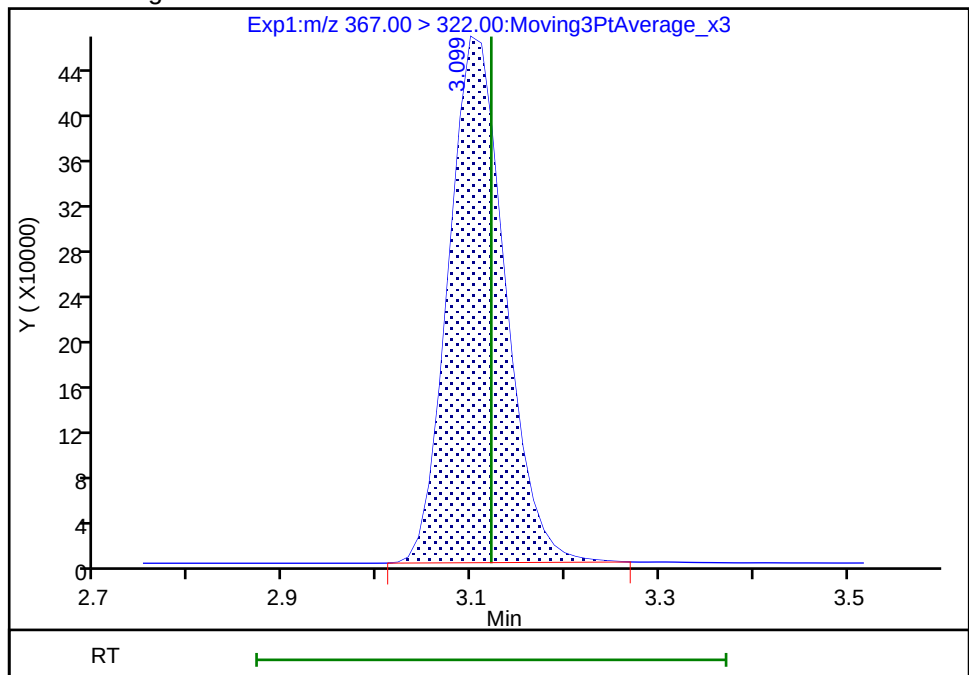
RT: 3.10
Area: 1915555
Amount: 1.194095
Amount Units: ng/ml

Processing Integration Results



RT: 3.10
Area: 1913941
Amount: 1.200604
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:46:16
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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08/09/2022

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D07.d

Injection Date: 04-Aug-2022 21:23:13

Instrument ID: LC812

Lims ID: 460-262714-A-3-B MS

Client ID: RI-SB-06_13-15_20220727

Operator ID: lc812tech

ALS Bottle#: 7 Worklist Smp#: 7

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

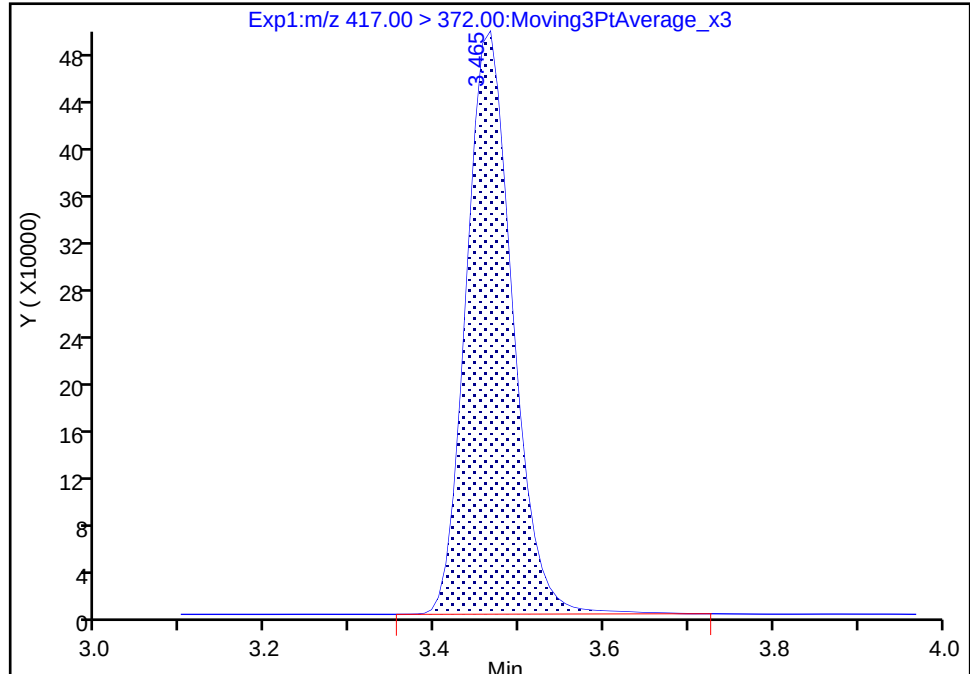
Detector: EXP1

D 14 13C4 PFOA, CAS: STL00990

Signal: 1

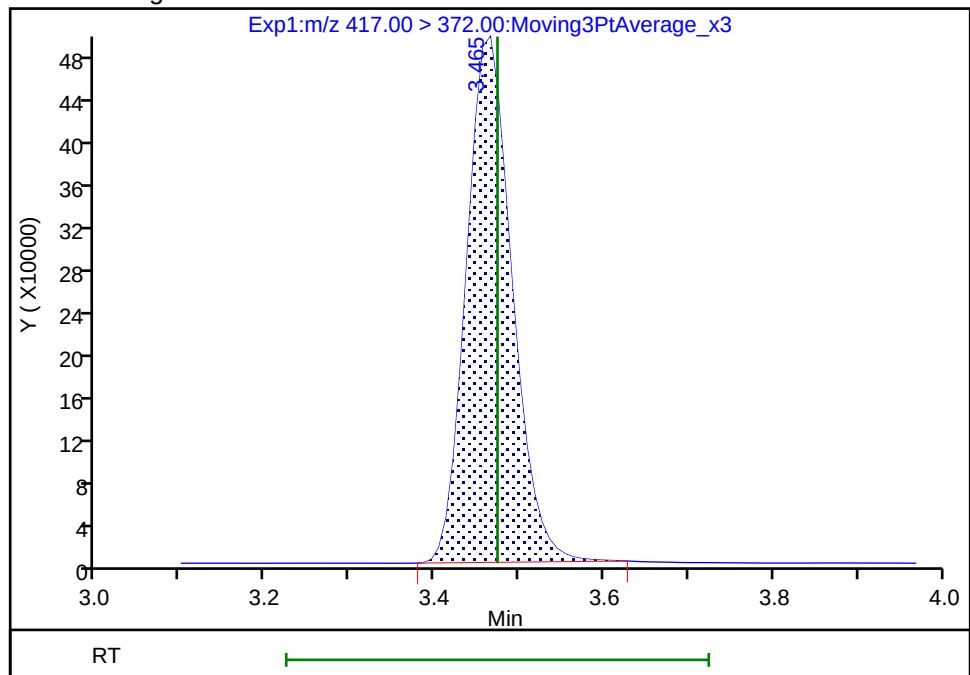
RT: 3.47
Area: 1856369
Amount: 1.129326
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 1839849
Amount: 1.126326
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:48:30

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D07.d

Injection Date: 04-Aug-2022 21:23:13

Instrument ID: LC812

Lims ID: 460-262714-A-3-B MS

Client ID: RI-SB-06_13-15_20220727

Operator ID: lc812tech

ALS Bottle#: 7

Worklist Smp#: 7

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

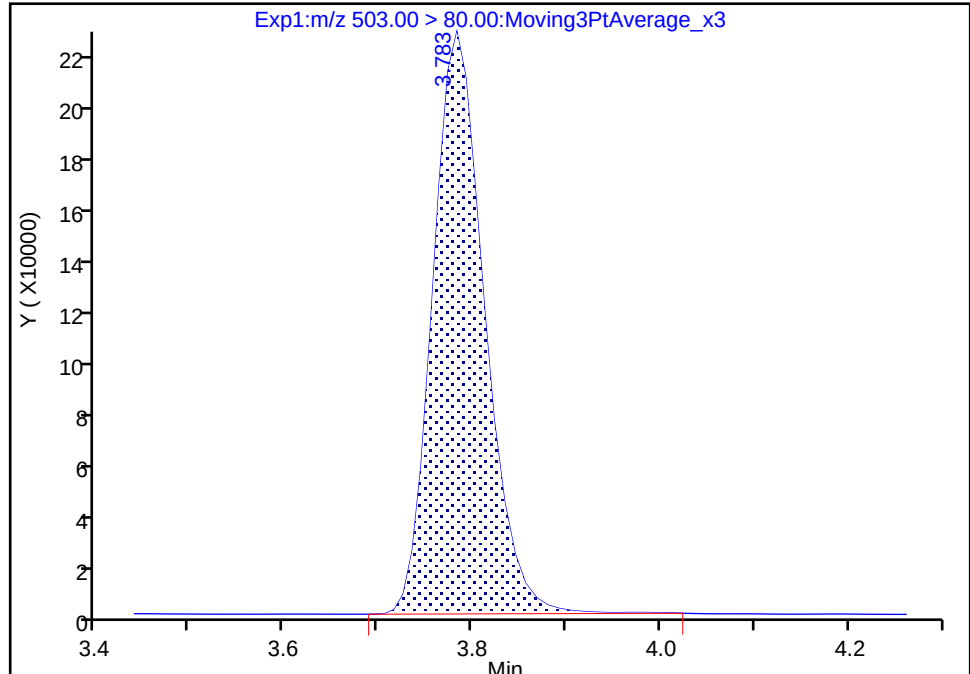
Detector: EXP1

D 18 13C4 PFOS, CAS: STL00991

Signal: 1

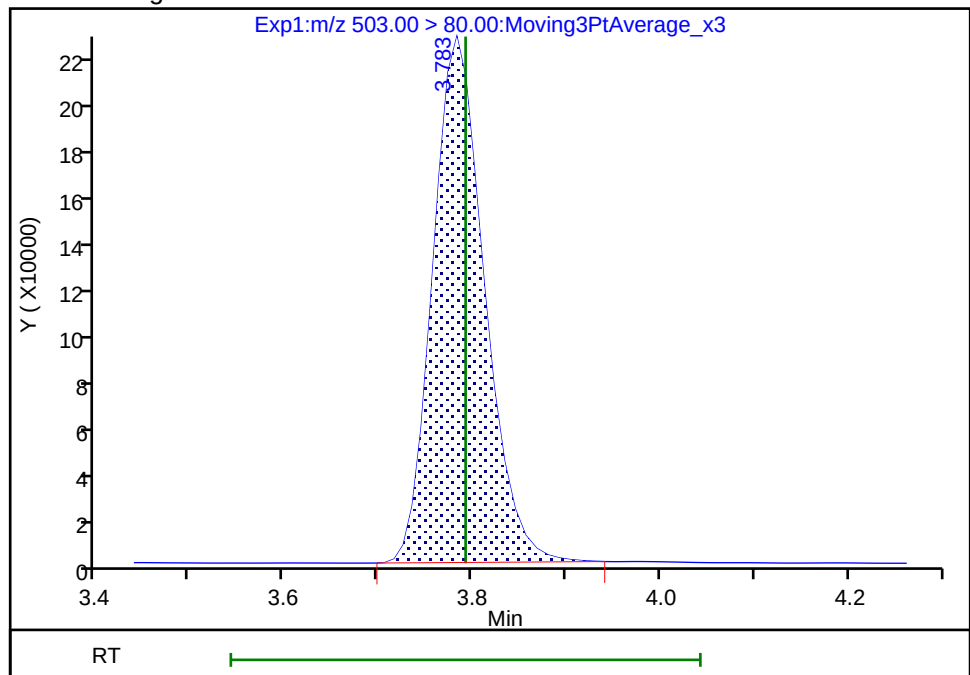
RT: 3.78
Area: 857957
Amount: 0.917194
Amount Units: ng/ml

Processing Integration Results



RT: 3.78
Area: 853789
Amount: 0.912738
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:49:12

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

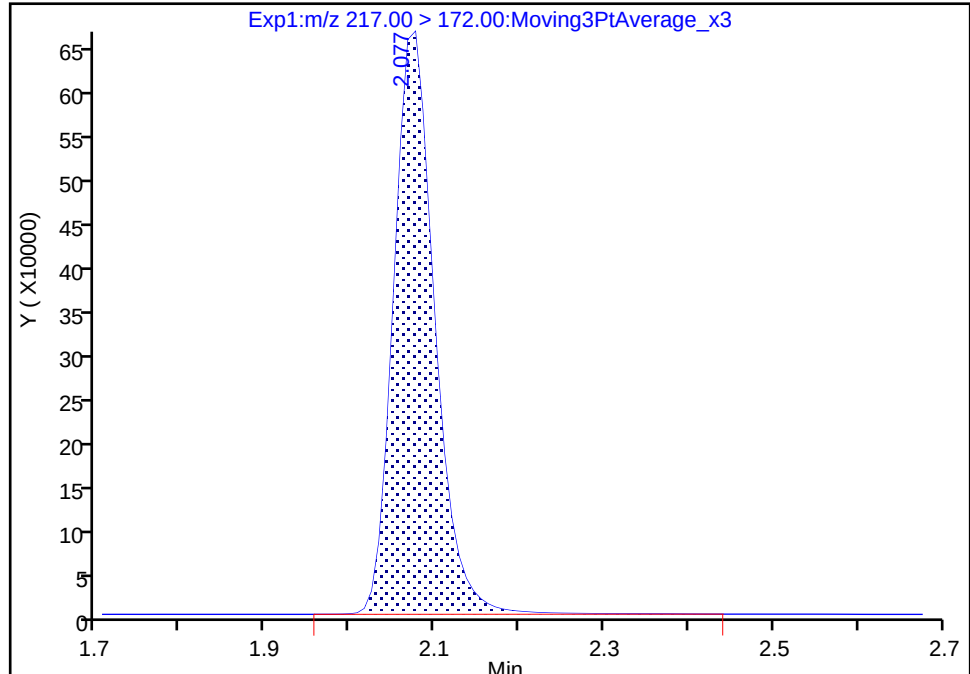
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D07.d
Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 1 13C4 PFBA, CAS: STL00992

Signal: 1

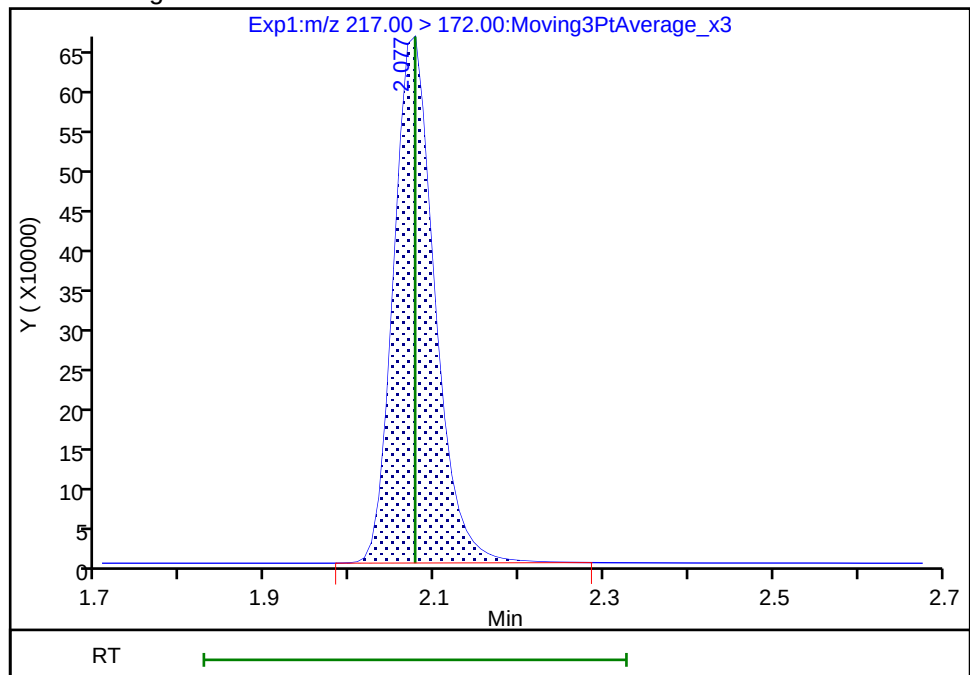
RT: 2.08
Area: 2227180
Amount: 1.105863
Amount Units: ng/ml

Processing Integration Results



RT: 2.08
Area: 2218850
Amount: 1.108666
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:45:06
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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08/09/2022

Eurofins Burlington

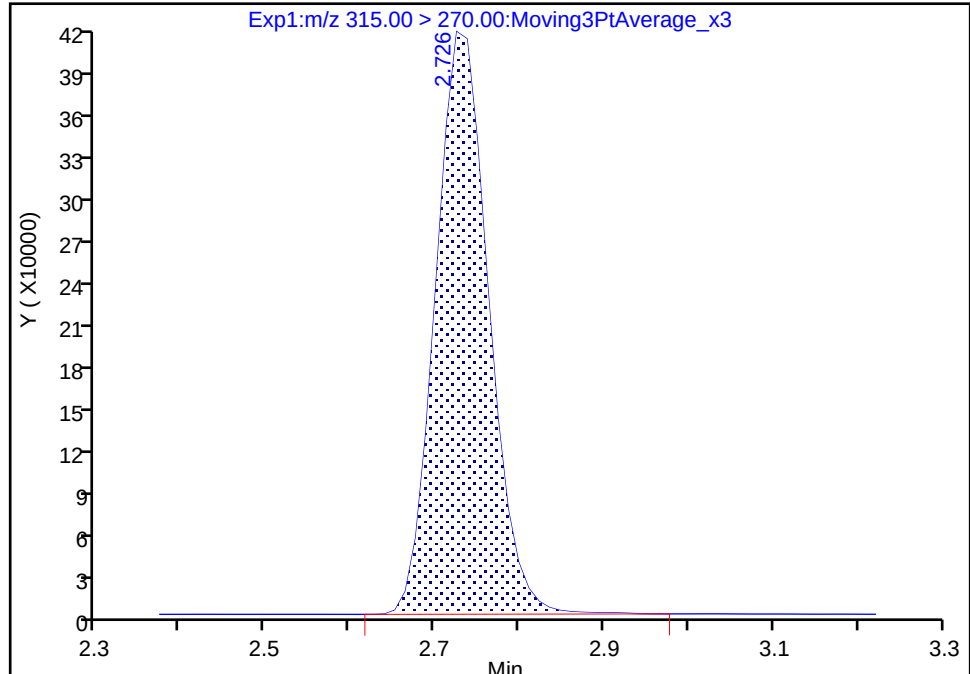
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D07.d
Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 7 13C2 PFHxA, CAS: STL00993

Signal: 1

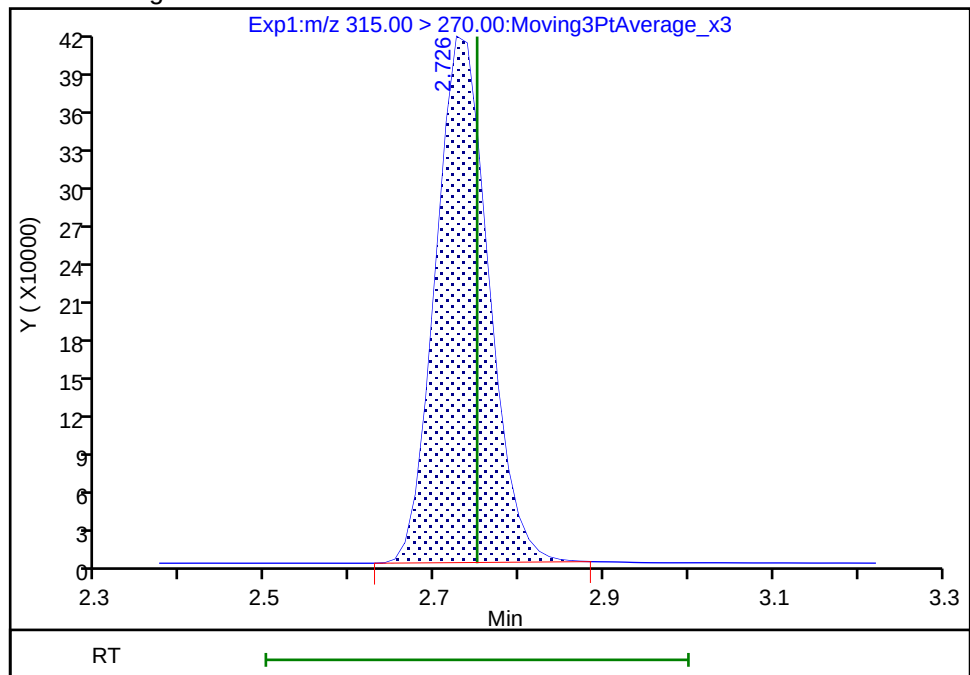
RT: 2.73
Area: 1802933
Amount: 1.165753
Amount Units: ng/ml

Processing Integration Results



RT: 2.73
Area: 1792727
Amount: 1.166455
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:45:26
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

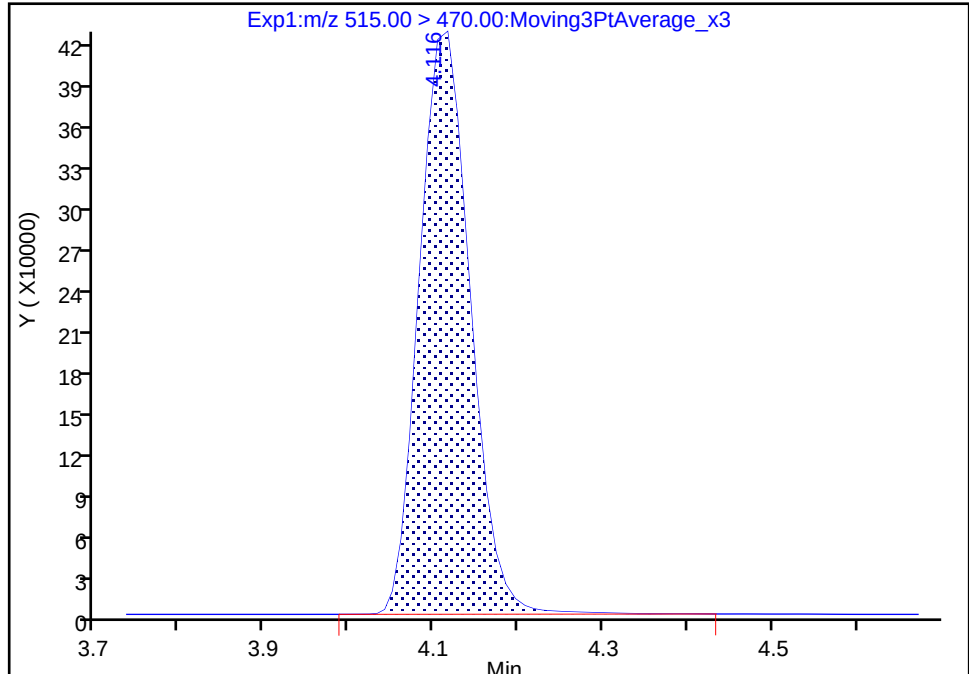
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D07.d
Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 23 13C2 PFDA, CAS: STL00996

Signal: 1

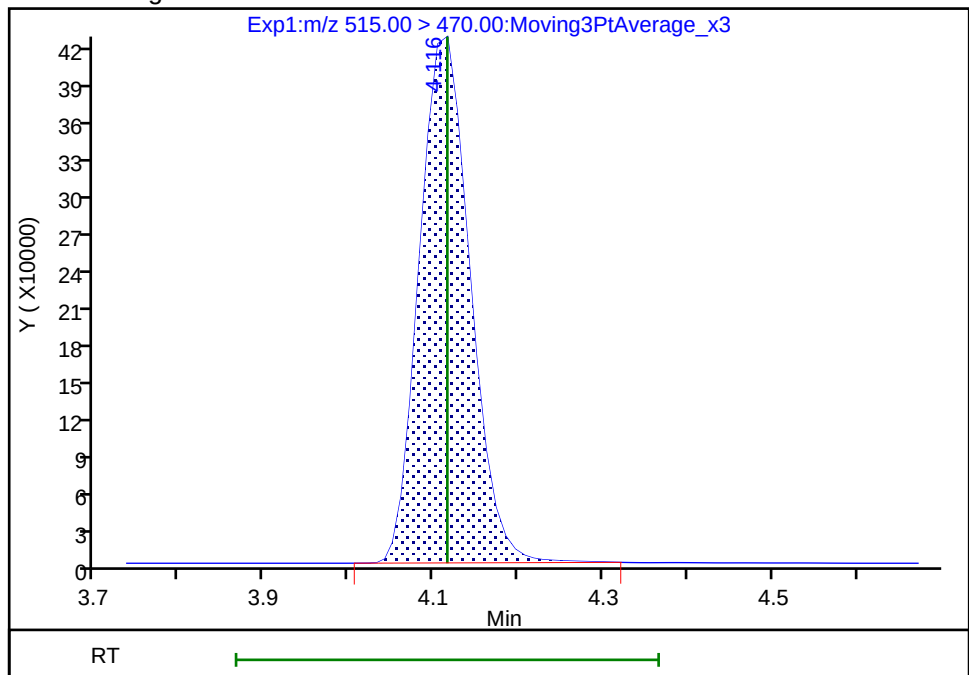
RT: 4.12
Area: 1765069
Amount: 1.069434
Amount Units: ng/ml

Processing Integration Results



RT: 4.12
Area: 1758927
Amount: 1.065713
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:49:55
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

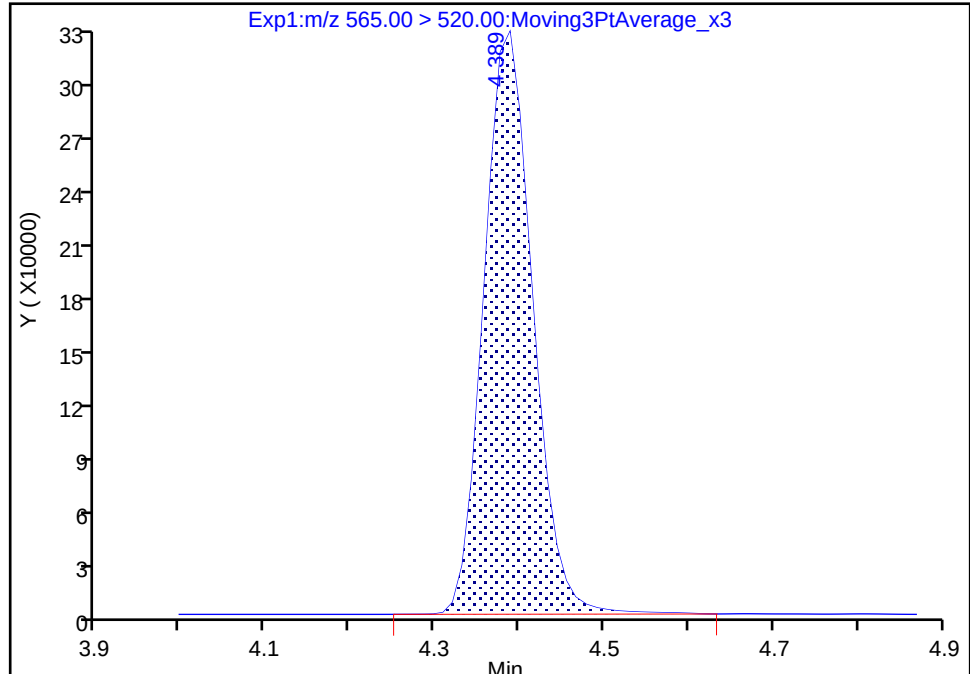
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D07.d
Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 30 13C2 PFUnA, CAS: STL00997

Signal: 1

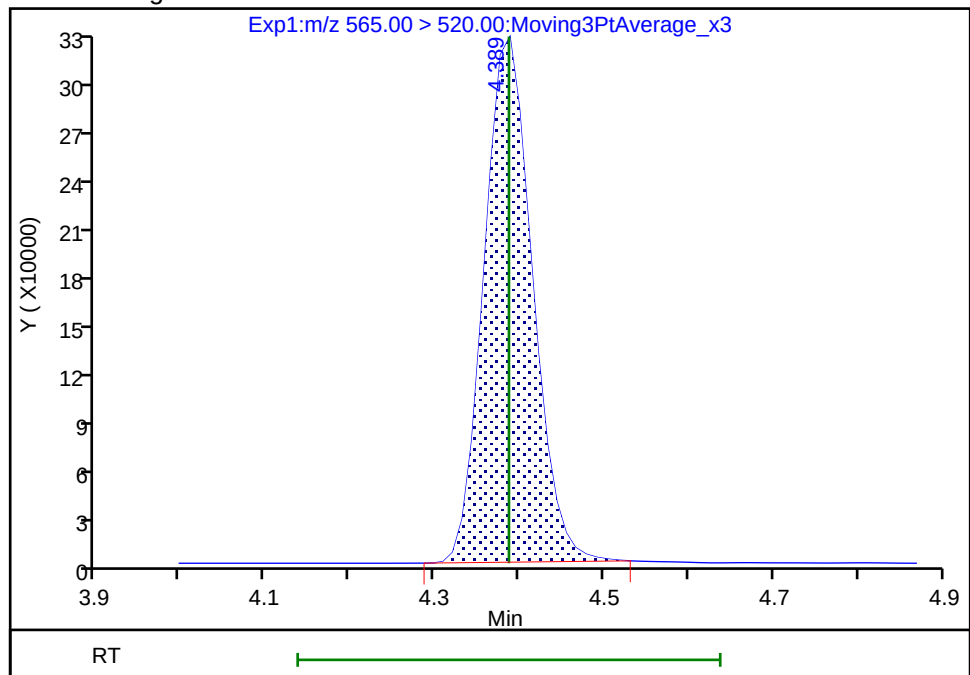
RT: 4.39
Area: 1311288
Amount: 1.048591
Amount Units: ng/ml

Processing Integration Results



RT: 4.39
Area: 1297468
Amount: 1.037540
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:50:39
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

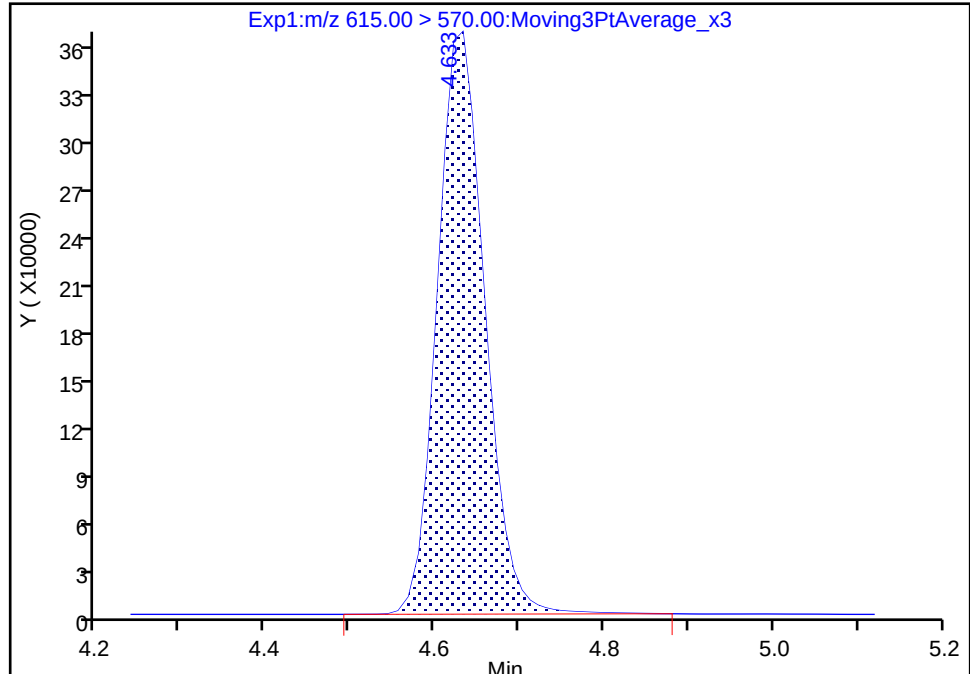
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D07.d
Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 36 13C2 PFD_oA, CAS: STL00998

Signal: 1

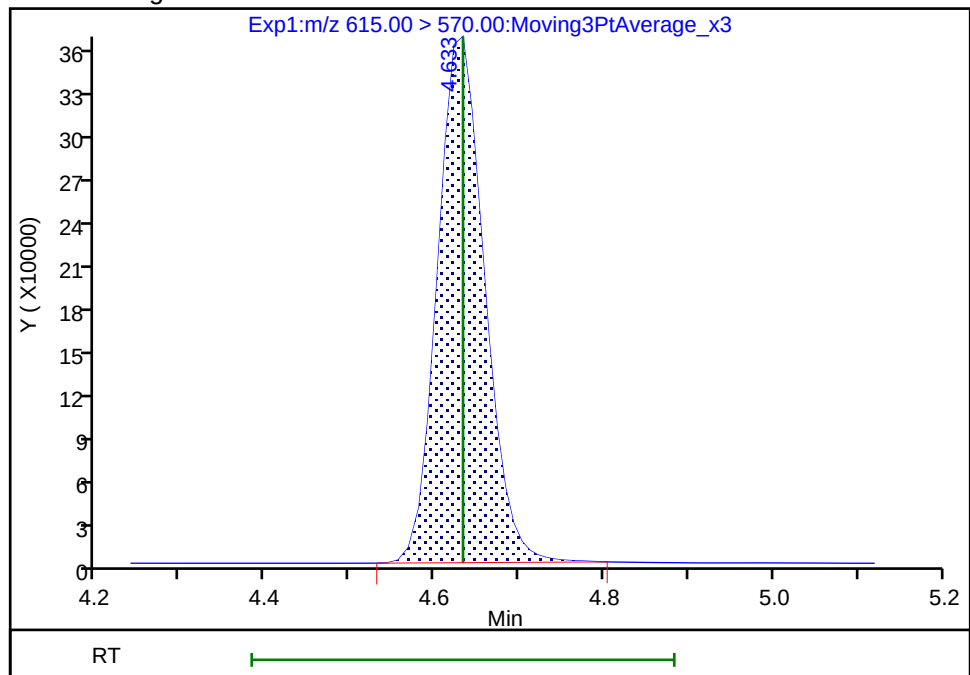
RT: 4.63
Area: 1411019
Amount: 1.088880
Amount Units: ng/ml

Processing Integration Results



RT: 4.63
Area: 1404369
Amount: 1.083749
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:51:41
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

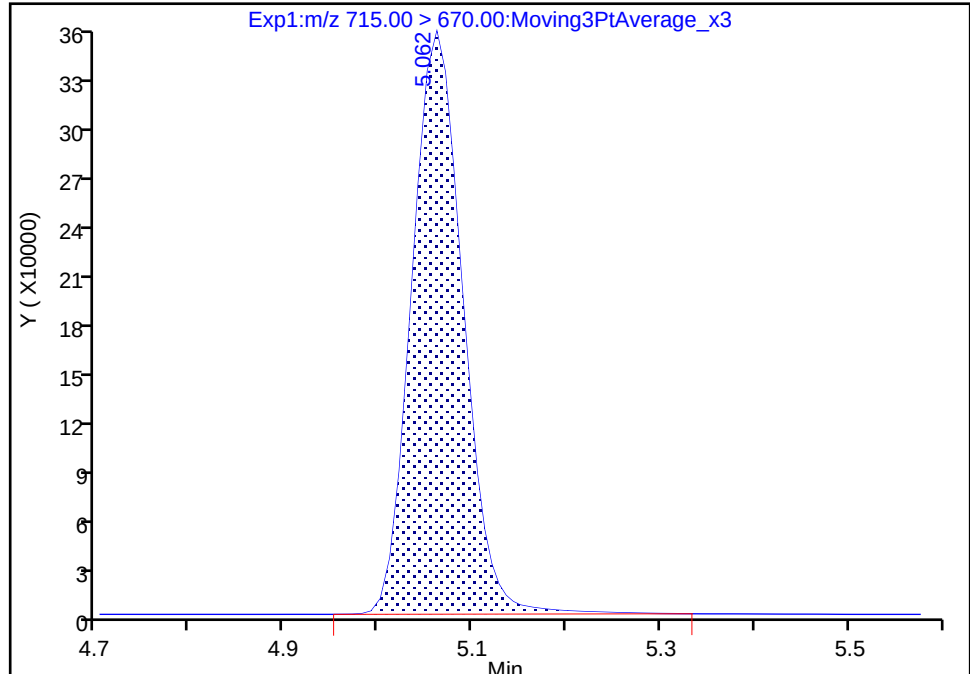
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D07.d
Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 43 13C2 PFTeDA, CAS: STL02116

Signal: 1

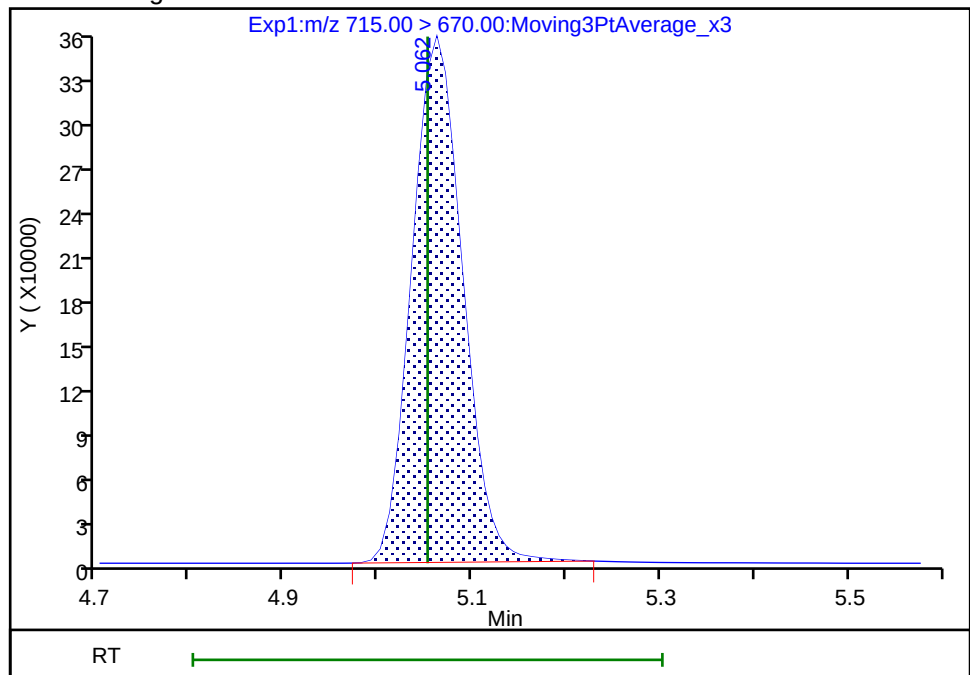
RT: 5.06
Area: 1323652
Amount: 1.249535
Amount Units: ng/ml

Processing Integration Results



RT: 5.06
Area: 1311264
Amount: 1.237841
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:53:00
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

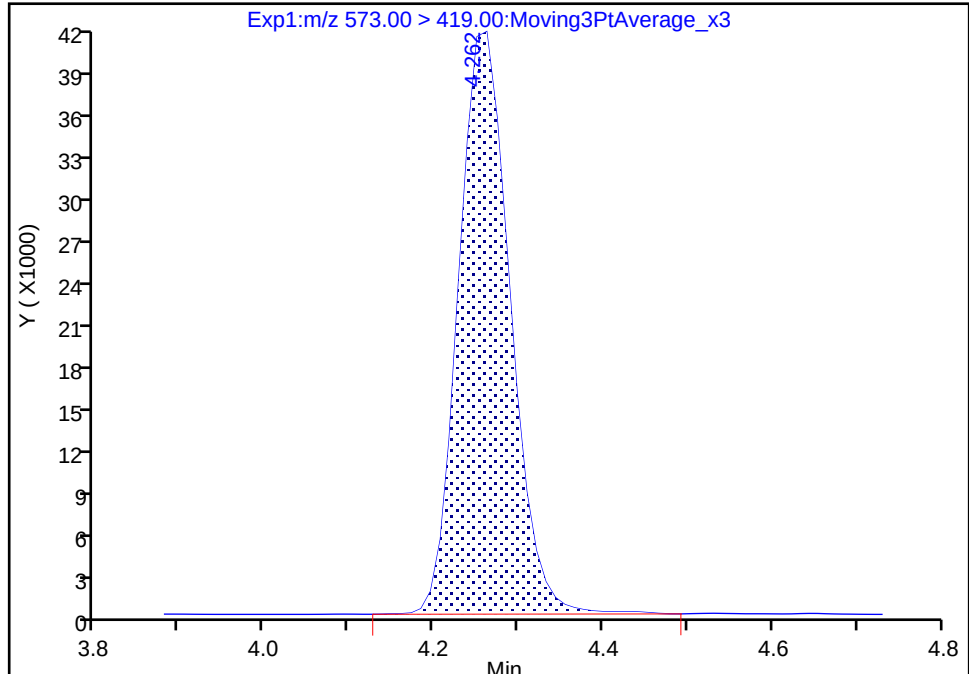
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D07.d
Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 27 d3-NMeFOSAA, CAS: STL02118

Signal: 1

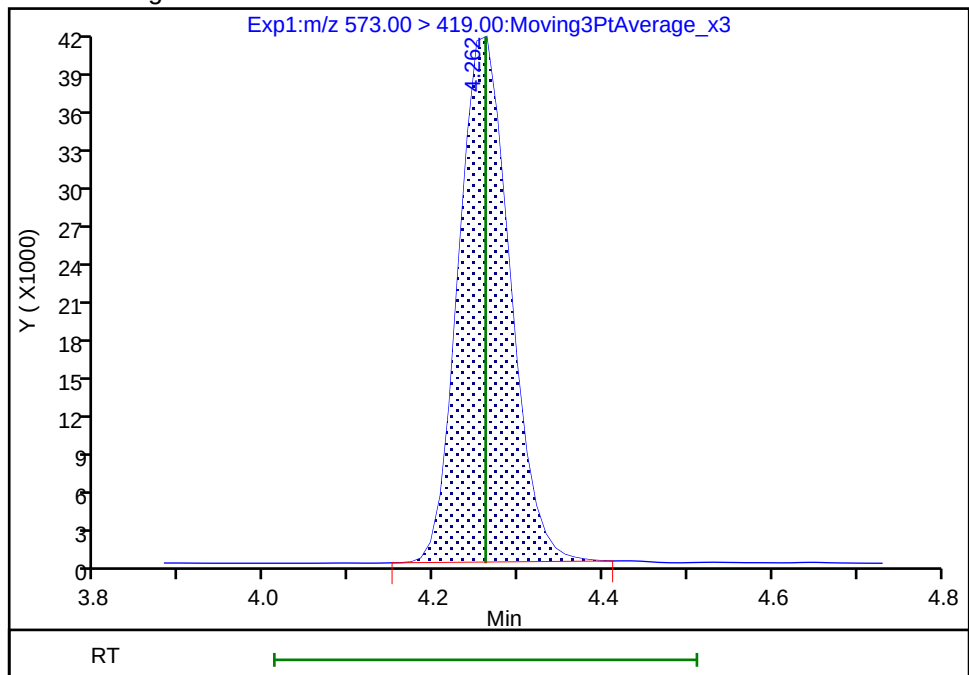
RT: 4.26
Area: 177547
Amount: 0.802599
Amount Units: ng/ml

Processing Integration Results



RT: 4.26
Area: 175703
Amount: 0.794263
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:50:25
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

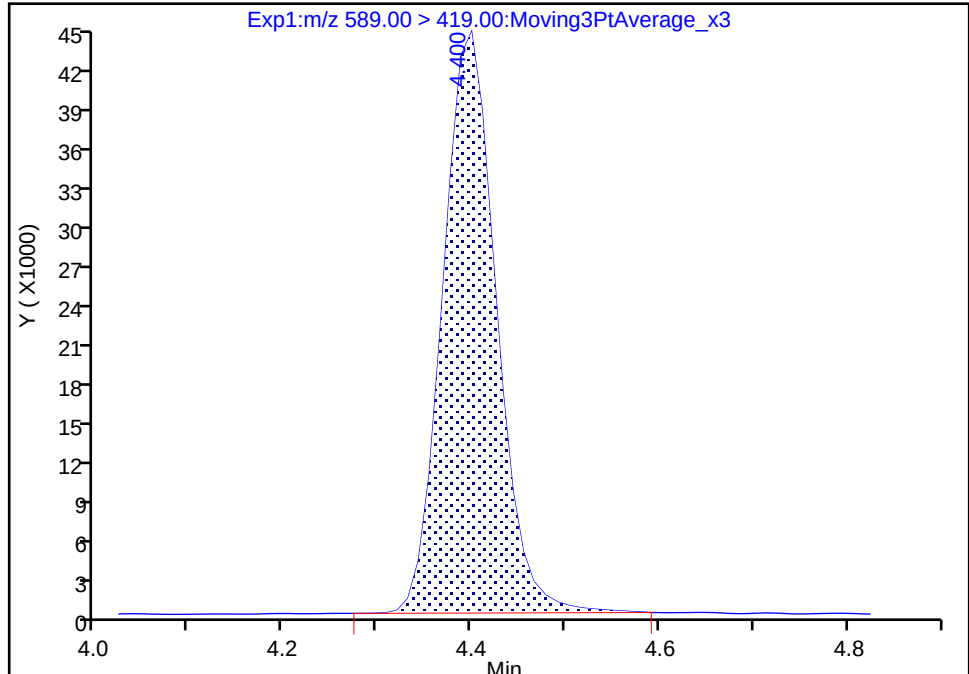
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D07.d
Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 32 d5-NEtFOSAA, CAS: STL02117

Signal: 1

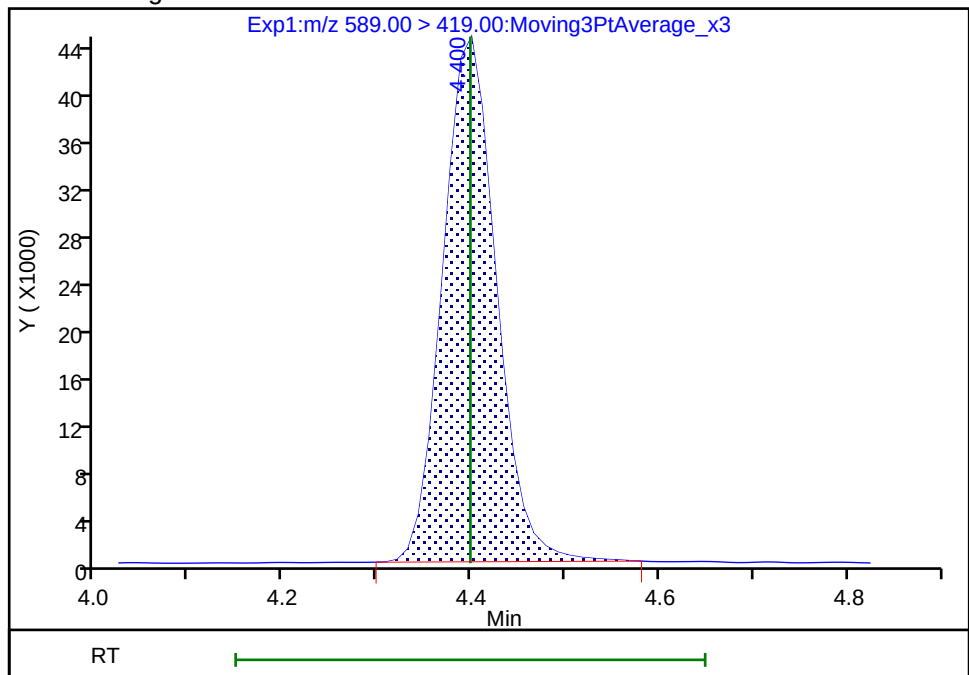
RT: 4.40
Area: 174379
Amount: 0.832810
Amount Units: ng/ml

Processing Integration Results



RT: 4.40
Area: 173947
Amount: 0.830747
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:51:14
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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08/09/2022

Eurofins Burlington

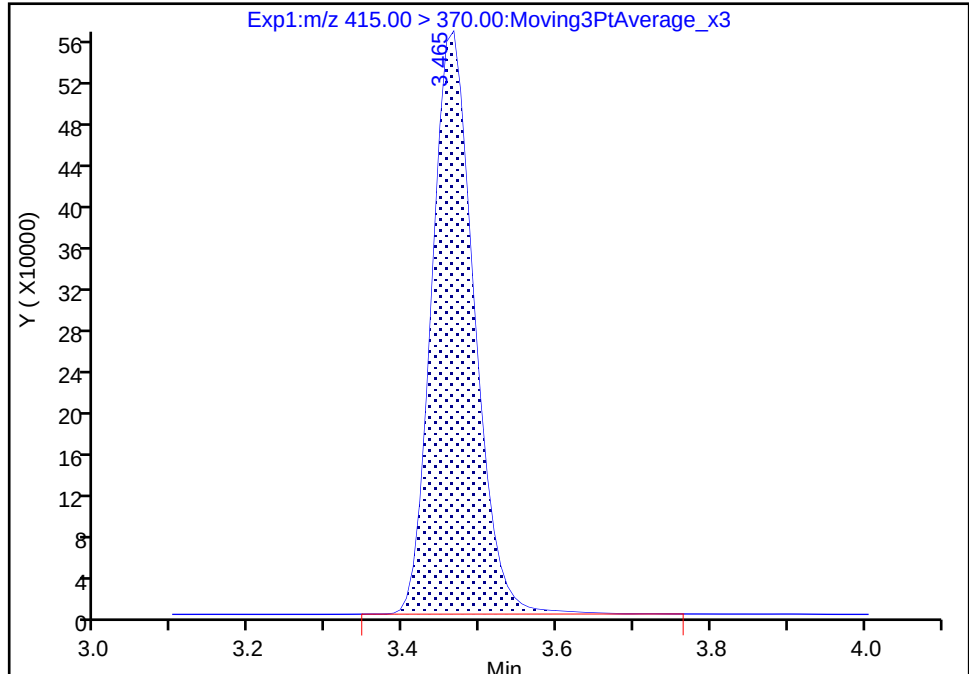
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D07.d
Injection Date: 04-Aug-2022 21:23:13 Instrument ID: LC812
Lims ID: 460-262714-A-3-B MS
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

* 62 13C2 PFOA, CAS: STL00623

Signal: 1

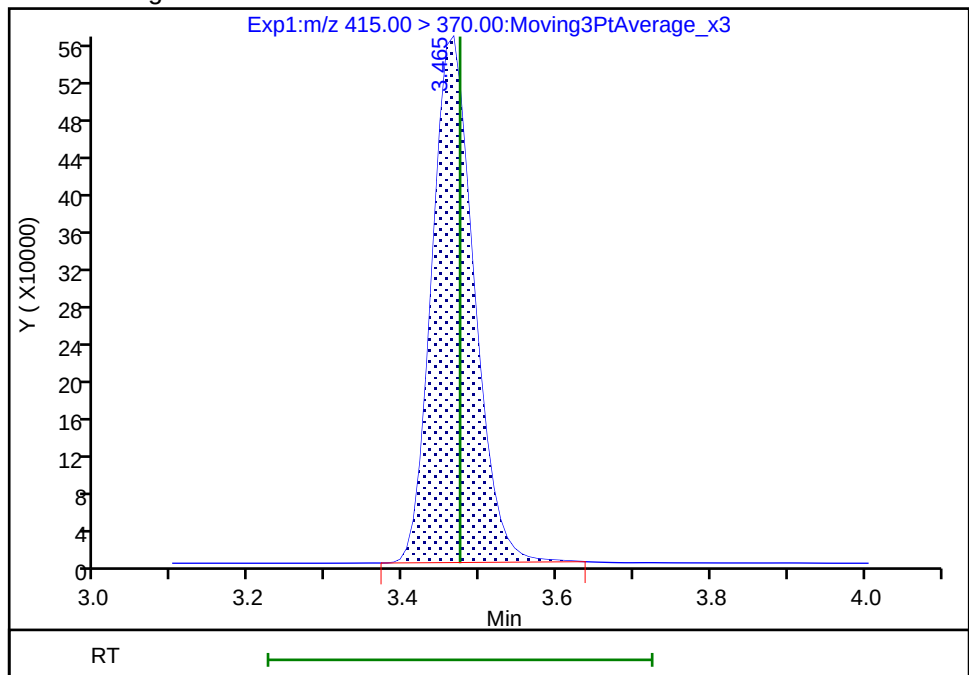
RT: 3.47
Area: 2157131
Amount: 1.250000
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 2143629
Amount: 1.250000
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:48:37

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 460-262853-1

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: 460-262714-A-3-C MSD

Matrix: Solid Lab File ID: PA220804D08.d

Analysis Method: 537 (modified) Date Collected: _____

Extraction Method: SHAKE Date Extracted: 08/04/2022 08:35

Sample wt/vol: 5.11(g) Date Analyzed: 08/04/2022 21:31

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 20(uL) GC Column: C-18 ID: 4.6 (mm)

% Moisture: 1.0 % Solids: 99.0 GPC Cleanup: (Y/N) N

Cleanup Factor: _____

Analysis Batch No.: 182390 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
375-22-4	Perfluorobutanoic acid (PFBA)	2.013		0.49	0.33
2706-90-3	Perfluoropentanoic acid (PFPeA)	2.069		0.20	0.054
307-24-4	Perfluorohexanoic acid (PFHxA)	2.056		0.20	0.045
375-85-9	Perfluoroheptanoic acid (PFHpA)	2.095		0.20	0.039
335-67-1	Perfluorooctanoic acid (PFOA)	2.078		0.20	0.057
375-95-1	Perfluorononanoic acid (PFNA)	2.037		0.20	0.034
335-76-2	Perfluorodecanoic acid (PFDA)	2.035		0.20	0.028
2058-94-8	Perfluoroundecanoic acid (PFUnA)	2.027		0.20	0.027
307-55-1	Perfluorododecanoic acid (PFDoA)	1.959		0.20	0.025
72629-94-8	Perfluorotridecanoic acid (PFTriA)	2.032		0.20	0.025
376-06-7	Perfluorotetradecanoic acid (PFTeA)	2.095		0.20	0.026
375-73-5	Perfluorobutanesulfonic acid (PFBS)	1.787		0.20	0.033
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	1.841		0.20	0.041
375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	2.050		0.20	0.023
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	1.987		0.20	0.11
335-77-3	Perfluorodecanesulfonic acid (PFDS)	2.075		0.20	0.019
754-91-6	Perfluorooctanesulfonamide (FOSA)	2.140		0.20	0.034
2355-31-9	N-methylperfluorooctanesulfonamidoacetic acid (NMeFOSAA)	1.992		1.98	0.11
2991-50-6	N-ethylperfluorooctanesulfonamidoacetic acid (NEtFOSAA)	2.071		1.98	0.082
27619-97-2	6:2 FTS	2.106		1.98	0.056
39108-34-4	8:2 FTS	2.031		1.98	0.037

FORM I
PFAS ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Burlington</u>	Job No.: <u>460-262853-1</u>
SDG No.: _____	
Client Sample ID: _____	Lab Sample ID: <u>460-262714-A-3-C MSD</u>
Matrix: <u>Solid</u>	Lab File ID: <u>PA220804D08.d</u>
Analysis Method: <u>537 (modified)</u>	Date Collected: _____
Extraction Method: <u>SHAKE</u>	Date Extracted: <u>08/04/2022 08:35</u>
Sample wt/vol: <u>5.11(g)</u>	Date Analyzed: <u>08/04/2022 21:31</u>
Con. Extract Vol.: <u>10(mL)</u>	Dilution Factor: <u>1</u>
Injection Volume: <u>20(uL)</u>	GC Column: <u>C-18</u> ID: <u>4.6 (mm)</u>
% Moisture: <u>1.0</u> % Solids: <u>99.0</u>	GPC Cleanup: (Y/N) <u>N</u>
Cleanup Factor: _____	
Analysis Batch No.: <u>182390</u>	Units: <u>ug/Kg</u>

CAS NO.	ISOTOPE DILUTION	%REC	Q	LIMITS
STL00994	18O2 PFHxS	87		50-150
STL01892	13C4 PFHpA	97		50-150
STL00990	13C4 PFOA	94		50-150
STL00991	13C4 PFOS	83		50-150
STL00995	13C5 PFNA	94		50-150
STL00992	13C4 PFBA	94		50-150
STL00993	13C2 PFHxA	96		50-150
STL00996	13C2 PFDA	90		50-150
STL00997	13C2 PFUnA	93		50-150
STL00998	13C2 PFDoA	95		50-150
STL01056	13C8 FOSA	76		50-150
STL01893	13C5 PFPeA	93		50-150
STL02116	13C2 PFTeDA	102		50-150
STL02118	d3-NMeFOSAA	72		50-150
STL02117	d5-NEtFOSAA	71		50-150
STL02279	M2-6:2 FTS	81		50-150
STL02280	M2-8:2 FTS	78		50-150
STL02337	13C3 PFBS	84		50-150

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D08.d
 Lims ID: 460-262714-A-3-C MSD
 Client ID: RI-SB-06_13-15_20220727
 Sample Type: MSD
 Inject. Date: 04-Aug-2022 21:31:23 ALS Bottle#: 8 Worklist Smp#: 8
 Injection Vol: 20.0 ul Dil. Factor: 1.0000
 Sample Info: 460-262714-A-3-C MSD
 Misc. Info.: 200-0051964-008 Plate: 1 Rack: 4
 Operator ID: lc812tech Instrument ID: LC812
 Method: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PFC_LC812.m
 Limit Group: LC_PFC_ICAL
 Last Update: 08-Aug-2022 12:20:47 Calib Date: 03-Aug-2022 13:41:11
 Integrator: Picker
 Quant Method: Isotopic Dilution Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\LC812\20220803-51940.b\PA220803ICAL10.d
 Column 1 : C-18 (4.60 mm) Det: EXP1
 Process Host: CTX1629

First Level Reviewer: khanphomeea

Date: 05-Aug-2022 12:03:14

Ratio Calibration: Initial Calibration Level: 4

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 1 13C4 PFBA										
217.00 > 172.00	2.076	2.076	0.0	0.598	1900214	1.18		94.1	9482	
2 Perfluorobutanoic acid										M
212.90 > 169.00	2.085	2.085	0.0	1.004	1501182	1.02		102	151	M
D 3 13C5 PFPeA										
267.90 > 223.00	2.386	2.400	-0.014	0.687	1445316	1.16		93.1	2790	
4 Perfluoropentanoic acid										M
262.90 > 219.00	2.386	2.400	-0.014	1.000	1247400	1.05		105	43.1	M
D 47 13C3 PFBS										
301.90 > 80.00	2.400	2.413	-0.013	0.691	1398826	0.9729		83.7	215855	
5 Perfluorobutanesulfonic acid										
298.90 > 80.00	2.400	2.413	-0.013	1.000	1200785	0.9040	Target=2.23	102	1069	
298.90 > 99.00	2.400	2.413	-0.013	1.000	572633		2.10(1.11-3.34)		299	
D 60 M2-4:2 FTS										M
329.00 > 81.00	2.701	2.713	-0.012	0.778	122115	0.9866		84.5	106	M
61 1H,1H,2H,2H-perfluorohexanesulfo										
327.00 > 307.00	2.701	2.713	-0.012	1.000	251006	1.01		108	1274	
6 Perfluorohexanoic acid										M
313.00 > 269.00	2.737	2.750	-0.013	1.000	1294181	1.04	Target=12.24	104	216	M
313.00 > 119.00	2.737	2.750	-0.013	1.000	102662		12.61(6.12-18.36)		142	M
D 7 13C2 PFHxA										
315.00 > 270.00	2.737	2.750	-0.013	0.788	1490826	1.20		96.1	2985	
70 Perfluoropentanesulfonic acid										
349.00 > 80.00	2.737	2.750	-0.013	0.880	1104504	0.9638	Target=2.95	103	1022	
349.00 > 99.00	2.737	2.750	-0.013	0.880	358139		3.08(1.48-4.43)		518	
D 64 13C3 HFPO-DA										
287.00 > 169.00	2.847	2.859	-0.012	0.820	275671	1.18		94.5	1664	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
67 Perfluoro(2-propoxypropanoic) ac										M
285.00 > 169.00	2.847	2.859	-0.012	1.000	240781	1.02		102	1043	M
D 11 18O2 PFHxS										
403.00 > 84.00	3.110	3.110	0.0	0.895	1045168	1.03		87.4	2421	
8 Perfluorohexanesulfonic acid										M
399.00 > 80.00	3.110	3.110	0.0	1.000	908058	0.9315	Target=3.43	102	974	M
399.00 > 99.00	3.110	3.110	0.0	1.000	264408		3.43(1.72-5.15)		278	M
D 9 13C4 PFHpA										M
367.00 > 322.00	3.110	3.121	-0.011	0.895	1555752	1.21		96.7	1927	M
10 Perfluoroheptanoic acid										
363.00 > 319.00	3.110	3.121	-0.011	1.000	1359534	1.06	Target=3.73	106	346	
363.00 > 169.00	3.110	3.121	-0.011	1.000	362212		3.75(1.86-5.59)		837	
77 DONA										M
377.00 > 251.00	3.154	3.154	0.0	0.832	2871715	1.11	Target=2.84	118	1734	M
377.00 > 85.00	3.154	3.154	0.0	0.832	1019806		2.82(1.42-4.26)		883	M
D 12 M2-6:2 FTS										
429.00 > 81.00	3.456	3.465	-0.009	0.995	161854	0.9563		80.5	402	
13 1H,1H,2H,2H-perfluorooctanesulfo										M
427.00 > 407.00	3.456	3.465	-0.009	1.000	214950	1.07		112	527	M
16 Perfluoroheptanesulfonic acid										
449.00 > 80.00	3.456	3.465	-0.009	0.911	805137	1.04	Target=4.89	109	1400	
449.00 > 99.00	3.456	3.465	-0.009	0.911	157094		5.13(2.44-7.33)		626	
15 Perfluorooctanoic acid										M
413.00 > 369.00	3.465	3.474	-0.009	1.000	1467827	1.05	Target=2.67	105	143	
413.00 > 169.00	3.465	3.474	-0.009	1.000	550889		2.66(1.34-4.01)		795	M
D 14 13C4 PFOA										M
417.00 > 372.00	3.465	3.474	-0.009	0.997	1556835	1.18		94.5	1859	M
* 62 13C2 PFOA										M
415.00 > 370.00	3.473	3.474	-0.001		1730316	1.25			1797	M
17 Perfluorooctanesulfonic acid										M
499.00 > 80.00	3.792	3.792	0.0	1.000	639899	1.01	Target=4.88	108	383	M
499.00 > 99.00	3.783	3.792	-0.009	0.997	139070		4.60(2.44-7.32)		530	M
D 18 13C4 PFOS										M
503.00 > 80.00	3.792	3.792	0.0	1.092	750767	0.99		83.2	1541	M
20 Perfluorononanoic acid										M
463.00 > 419.00	3.812	3.812	0.0	1.000	1346130	1.03	Target=8.23	103	380	M
463.00 > 169.00	3.812	3.812	0.0	1.000	169456		7.94(4.11-12.34)		1004	M
D 19 13C5 PFNA										M
468.00 > 423.00	3.812	3.812	0.0	1.097	1604704	1.17		93.8	2544	M
69 9-Chlorohexadecafluoro-3-oxanona										M
531.00 > 351.00	3.959	3.960	-0.001	1.044	1108685	1.00		107	2639	M
68 Perfluorononanesulfonic acid										
549.00 > 80.00	4.092	4.093	-0.001	1.079	474119	0.9638	Target=2.53	100	1936	
549.00 > 99.00	4.081	4.093	-0.012	1.076	195766		2.42(1.26-3.79)		687	
24 Perfluorodecanoic acid										
513.00 > 469.00	4.115	4.116	-0.001	1.000	1299359	1.03	Target=9.67	103	775	
513.00 > 169.00	4.115	4.116	-0.001	1.000	144053		9.02(4.83-14.50)		464	

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
D 23 13C2 PFDA										M
515.00 > 470.00	4.115	4.116	-0.001	1.185	1500169	1.13		90.1	1945	M
25 1H,1H,2H,2H-perfluorodecanesulfo										
527.00 > 507.00	4.127	4.127	0.0	1.000	157360	1.03		107	1539	
D 26 M2-8:2 FTS										
529.00 > 81.00	4.127	4.127	0.0	1.188	189931	0.9327		77.9	630	
D 21 13C8 FOSA										M
506.00 > 78.00	4.150	4.161	-0.011	1.195	1102868	0.9458		75.7	957	M
22 Perfluorooctanesulfonamide										M
498.00 > 78.00	4.161	4.161	0.0	1.003	973087	1.08		108	1005	M
28 N-methylperfluorooctanesulfonami										M
570.00 > 419.00	4.261	4.261	0.0	1.000	115801	1.01		101	366	M
D 27 d3-NMeFOSAA										
573.00 > 419.00	4.261	4.261	0.0	1.227	161761	0.9059		72.5	465	
29 Perfluorodecanesulfonic acid										M
599.00 > 80.00	4.365	4.365	-0.001	1.151	384137	1.05	Target=2.80	109	1596	M
599.00 > 99.00	4.365	4.365	-0.001	1.151	144235		2.66(1.40-4.20)		1713	
D 30 13C2 PFUnA										M
565.00 > 520.00	4.387	4.387	0.0	1.263	1177150	1.17		93.3	1388	M
31 Perfluoroundecanoic acid										M
563.00 > 519.00	4.387	4.387	0.0	1.000	1022810	1.03	Target=9.07	103	754	M
563.00 > 169.00	4.387	4.387	0.0	1.000	120667		8.48(4.54-13.61)		891	
33 N-ethylperfluorooctanesulfonamid										M
584.00 > 419.00	4.410	4.399	0.011	1.003	114423	1.05		105	836	M
D 32 d5-NEtFOSAA										
589.00 > 419.00	4.398	4.399	-0.001	1.266	150400	0.8899		71.2	777	
66 11-Chloroeicosafuoro-3-oxaundec										
631.00 > 451.00	4.491	4.491	0.0	1.184	1392339	0.9639		102	2423	
D 36 13C2 PFDaA										M
615.00 > 570.00	4.633	4.633	0.0	1.334	1235835	1.18		94.5	1910	M
37 Perfluorododecanoic acid										M
613.00 > 569.00	4.633	4.633	0.0	1.000	993681	0.99	Target=6.97	99.1	166	M
613.00 > 169.00	4.633	4.633	0.0	1.000	161575		6.15(3.48-10.45)		700	M
74 1H,1H,2H,2H-perfluorododecanesul										
627.00 > 607.00	4.654	4.654	0.0	1.128	75343	1.05		109	996	
75 Perfluorododecanesulfonic acid (										M
699.00 > 80.00	4.825	4.813	0.012	1.272	170844	1.05	Target=0.52	109	1384	
699.00 > 99.00	4.825	4.813	0.012	1.272	304176		0.56(0.26-0.79)		2013	M
41 Perfluorotridecanoic acid										M
663.00 > 619.00	4.870	4.859	0.011	1.051	893143	1.03	Target=4.56	103	199	M
663.00 > 169.00	4.859	4.859	0.0	1.049	198949		4.49(2.28-6.84)		1253	M
D 43 13C2 PFTeDA										
715.00 > 670.00	5.071	5.052	0.019	1.460	1092473	1.28		102	3191	
42 Perfluorotetradecanoic acid										M
713.00 > 169.00	5.071	5.052	0.019	1.000	148358	1.06	Target=0.94	106	1058	M
713.00 > 219.00	5.062	5.052	0.010	0.998	152741		0.97(0.47-1.41)		658	M

Signal	RT	EXP RT	DLT RT	REL RT	Response	Amount ng/ml	Ratio(Limits)	%Rec	S/N	Flags
45 Perfluorohexadecanoic acid										
813.00 > 769.00	5.455	5.422	0.033	1.002	848488	1.07	Target=4.38	107	216	
813.00 > 169.00	5.455	5.422	0.033	1.002	197682		4.29(2.19-6.57)		1598	
D 44 13C2 PFHxDA										
815.00 > 770.00	5.444	5.422	0.022	1.567	1086134	1.12		89.2	2094	M
46 Perfluorooctadecanoic acid										
913.00 > 869.00	5.833	5.795	0.038	1.071	636236	1.10	Target=4.31	110	163	M
913.00 > 169.00	5.833	5.795	0.038	1.071	145072		4.39(2.16-6.47)		358	M

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D08.d

Injection Date: 04-Aug-2022 21:31:23

Instrument ID: LC812

Lims ID: 460-262714-A-3-C MSD

Client ID: RI-SB-06_13-15_20220727

Operator ID: lc812tech

ALS Bottle#: 8

Worklist Smp#: 8

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

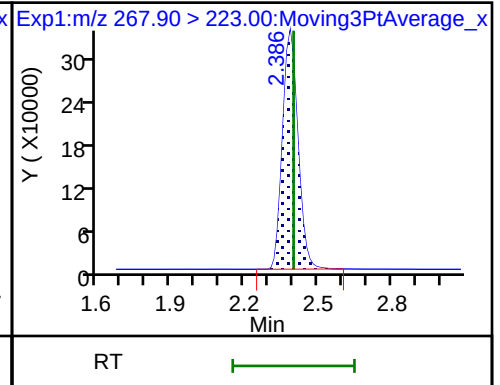
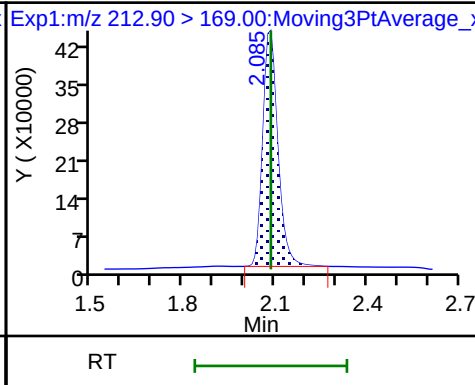
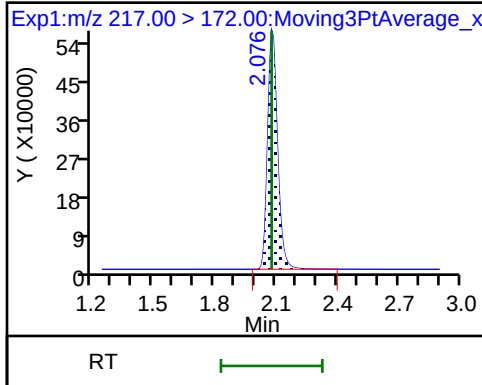
Method: PFC_LC812

Limit Group: LC_PFC_ICAL

D 1 13C4 PFBA

2 Perfluorobutanoic acid (M)

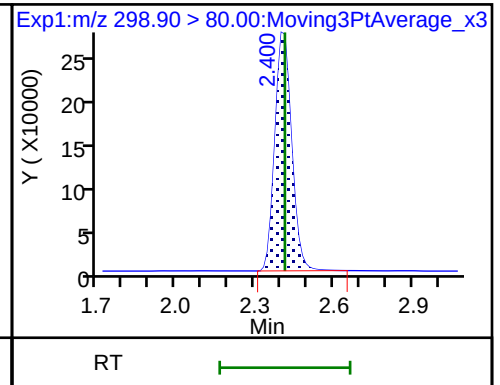
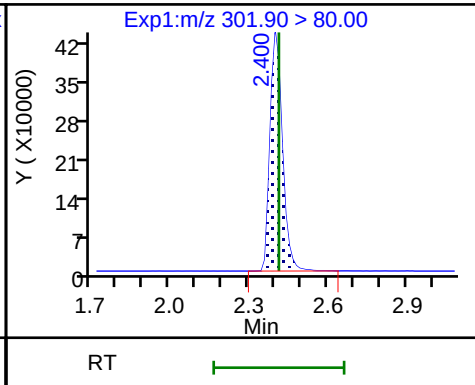
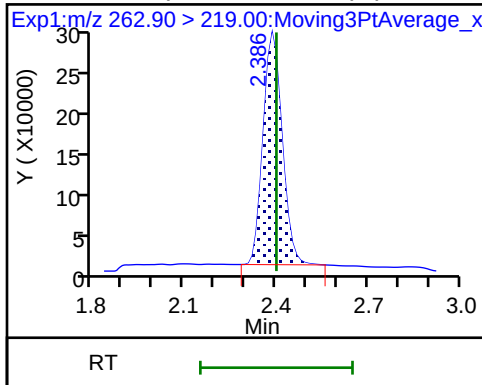
D 3 13C5 PFPeA



4 Perfluoropentanoic acid (M)

D 47 13C3 PFBS

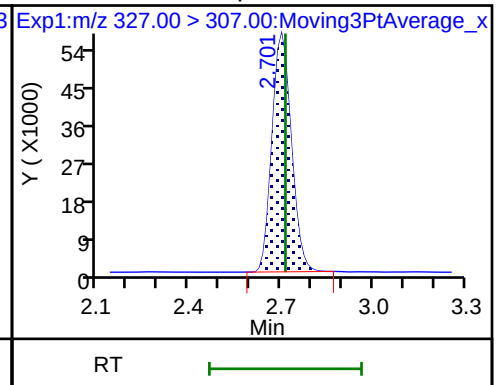
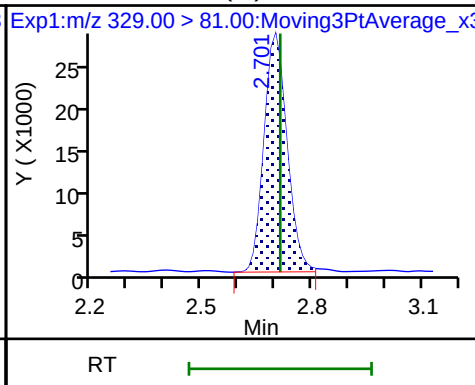
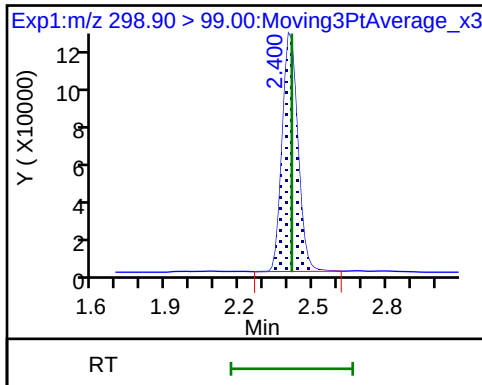
5 Perfluorobutanesulfonic acid



5 Perfluorobutanesulfonic acid

D 60 M2-4:2 FTS (M)

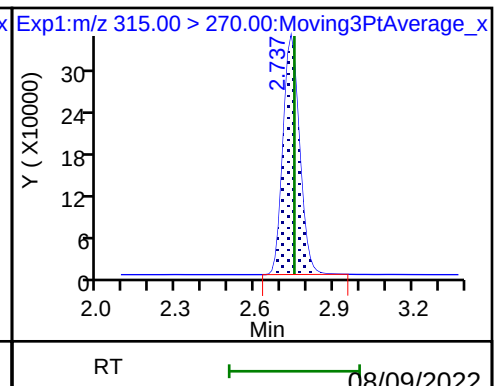
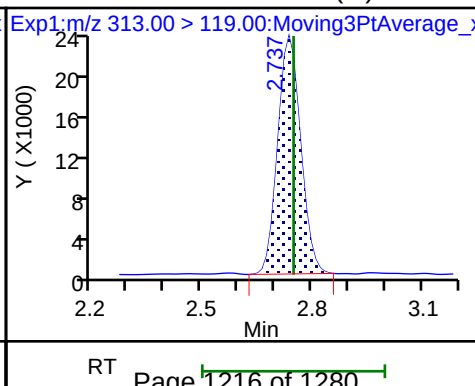
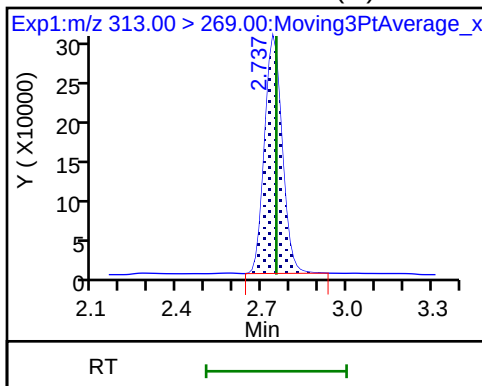
61 1H,1H,2H,2H-perfluorohexanesulfo

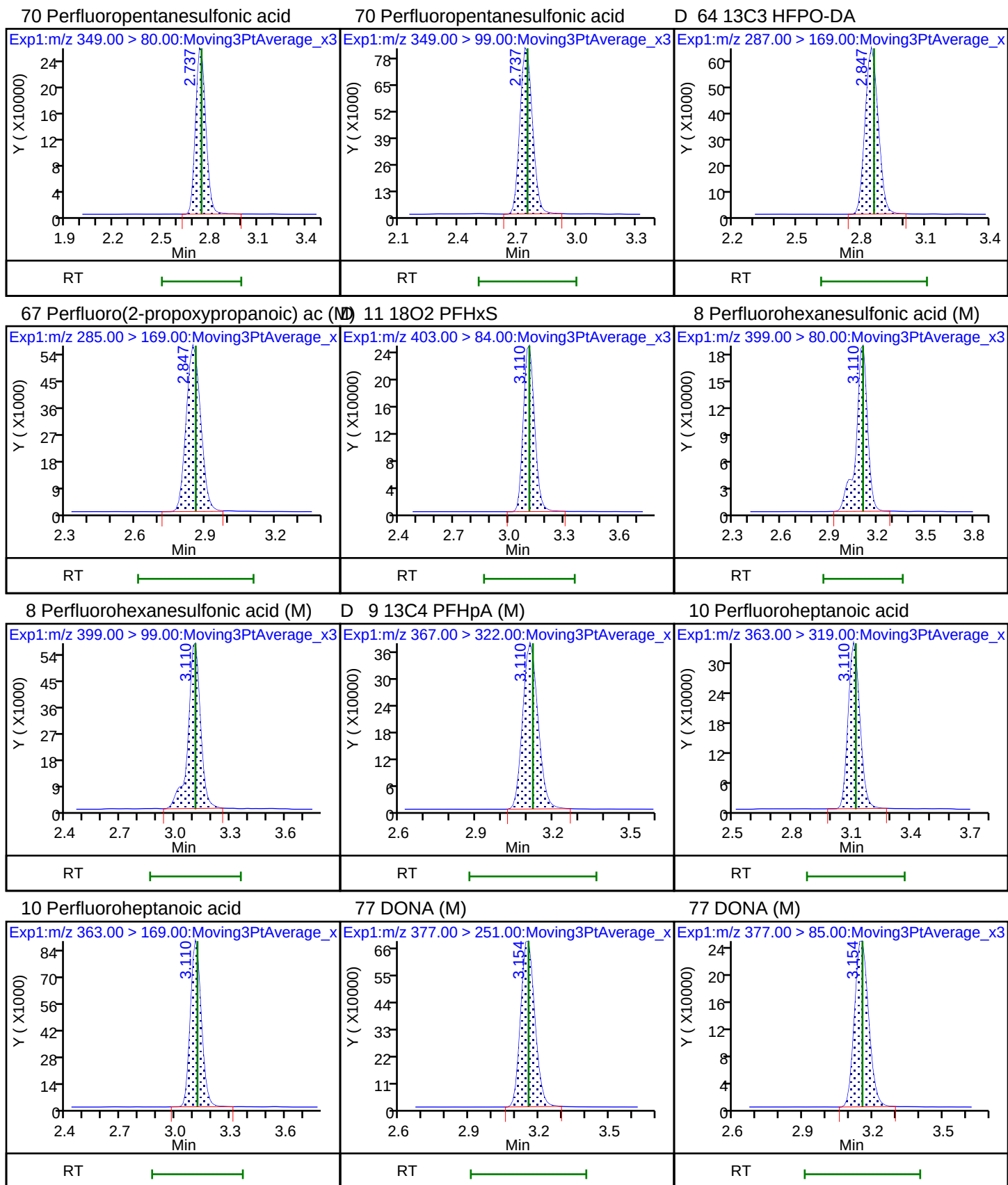


6 Perfluorohexanoic acid (M)

6 Perfluorohexanoic acid (M)

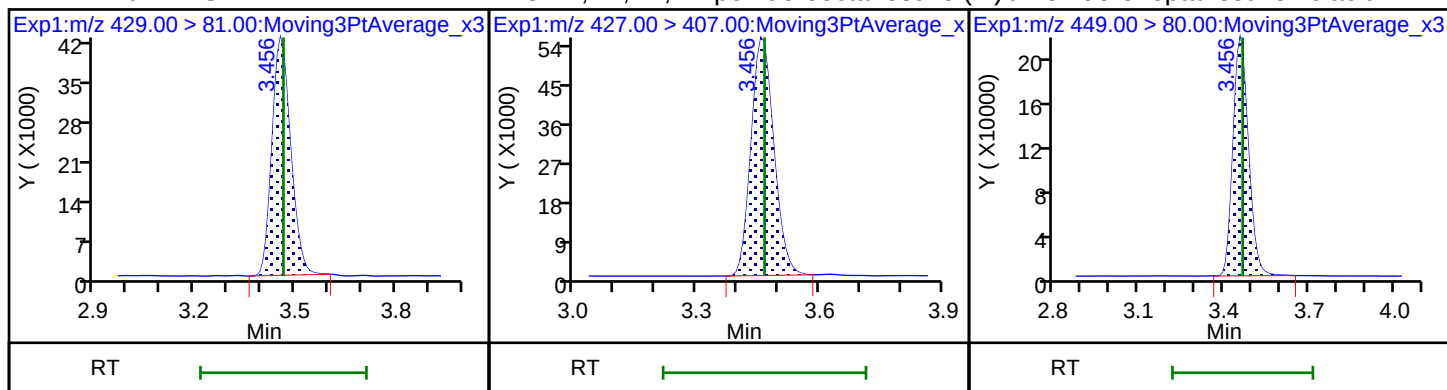
D 7 13C2 PFHxA





D 12 M2-6:2 FTS

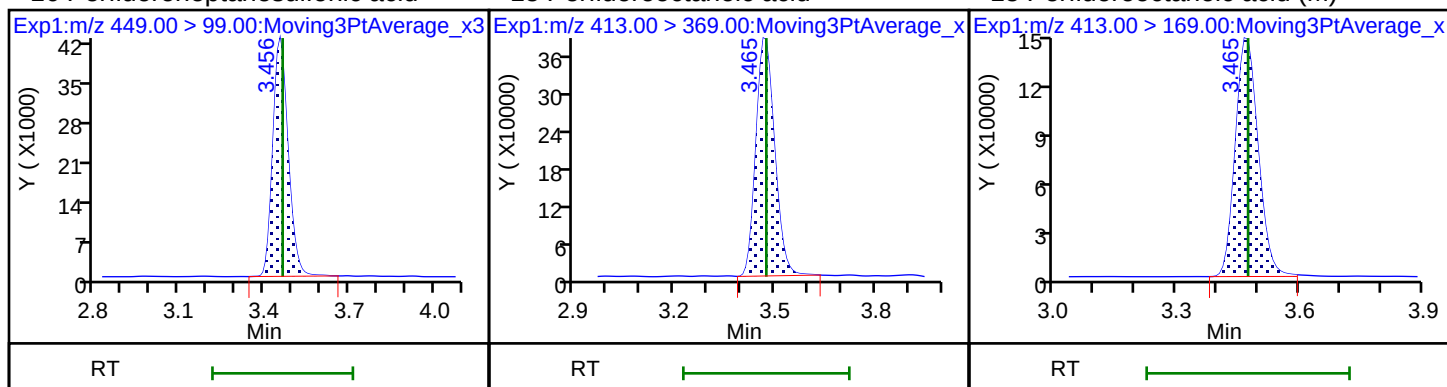
13 1H,1H,2H,2H-perfluorooctanesulfo (M) 16 Perfluoroheptanesulfonic acid



16 Perfluoroheptanesulfonic acid

15 Perfluorooctanoic acid

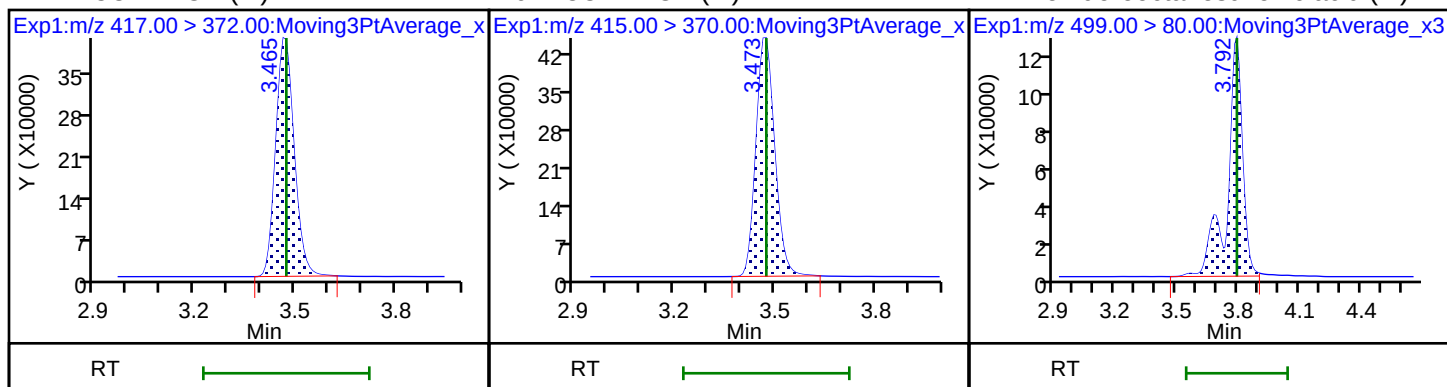
15 Perfluorooctanoic acid (M)



D 14 13C4 PFOA (M)

* 62 13C2 PFOA (M)

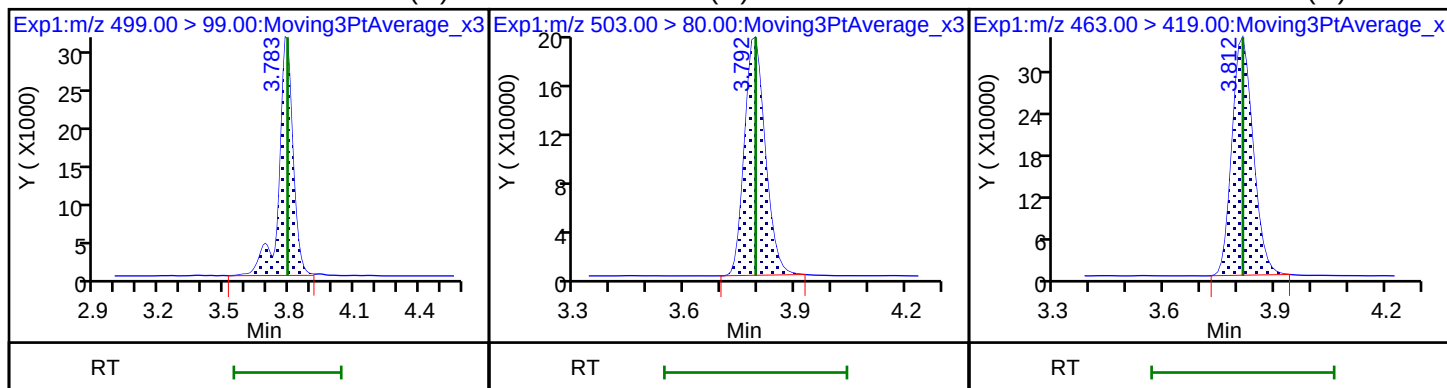
17 Perfluorooctanesulfonic acid (M)

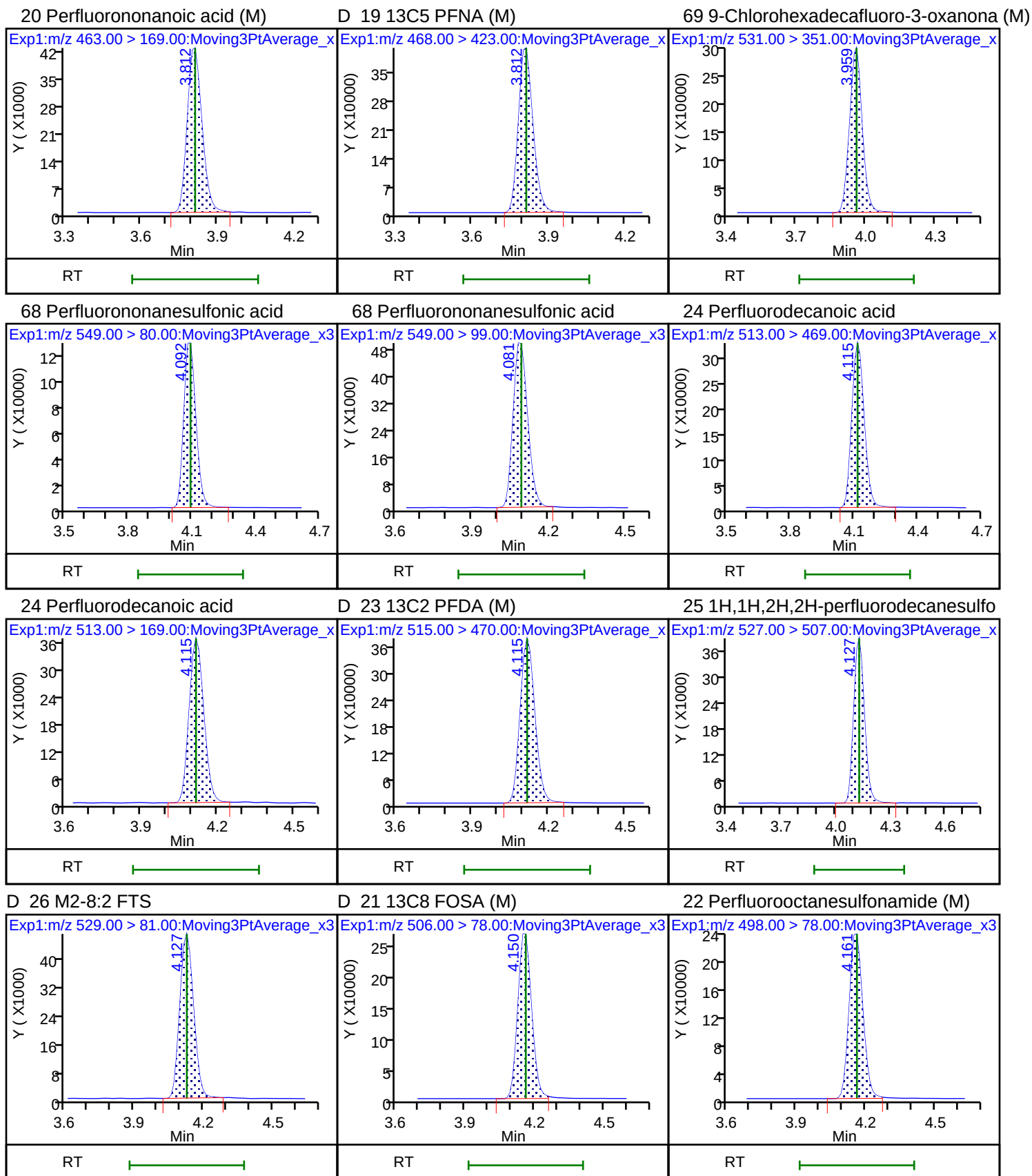


17 Perfluorooctanesulfonic acid (M)

D 18 13C4 PFOS (M)

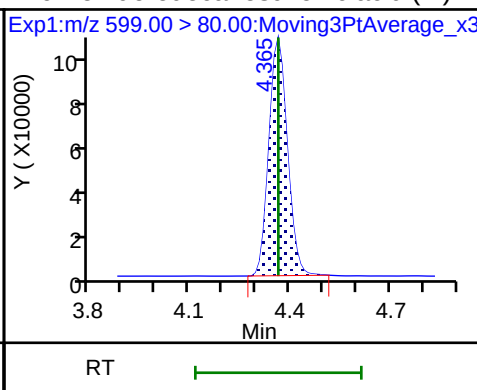
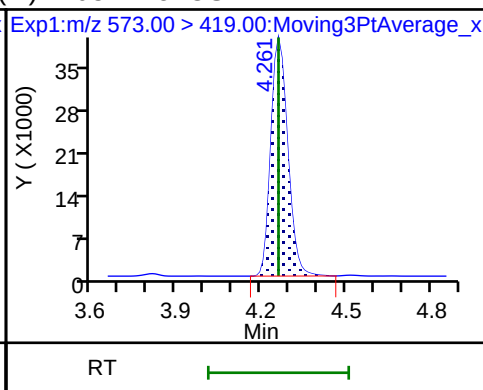
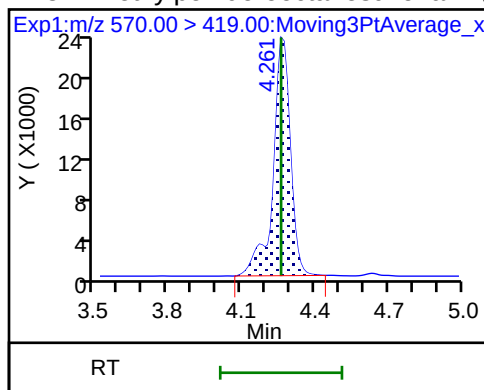
20 Perfluorononanoic acid (M)





28 N-methylperfluorooctanesulfonami (M) 27 d3-NMeFOSAA

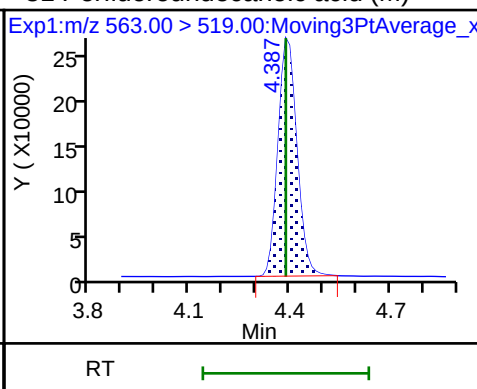
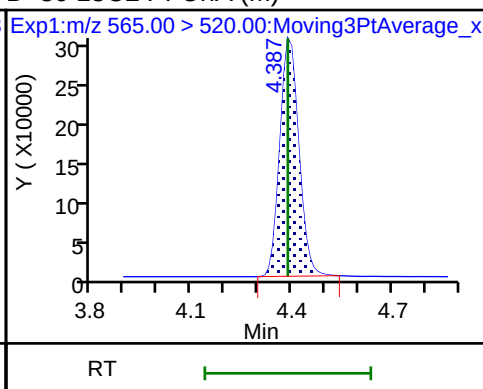
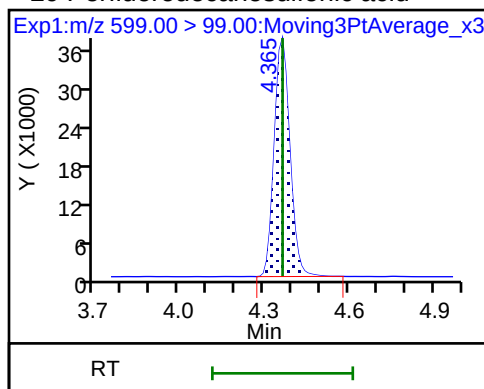
29 Perfluorodecanesulfonic acid (M)



29 Perfluorodecanesulfonic acid

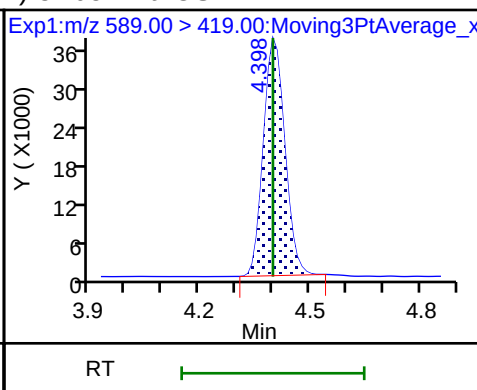
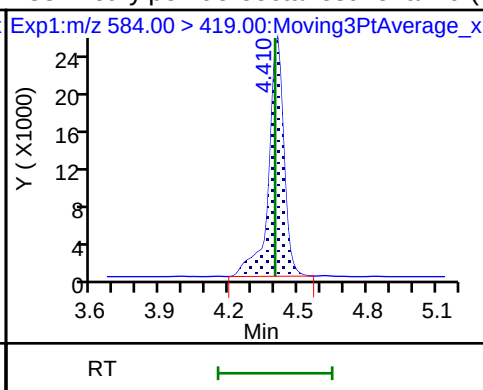
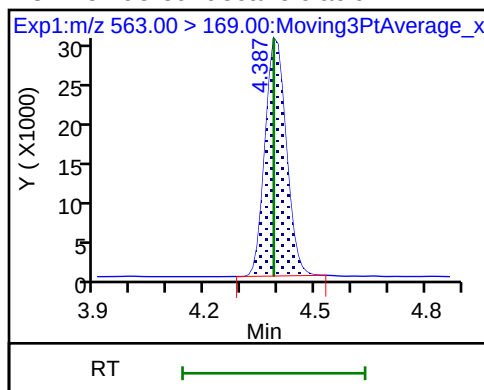
D 30 13C2 PFUnA (M)

31 Perfluoroundecanoic acid (M)



31 Perfluoroundecanoic acid

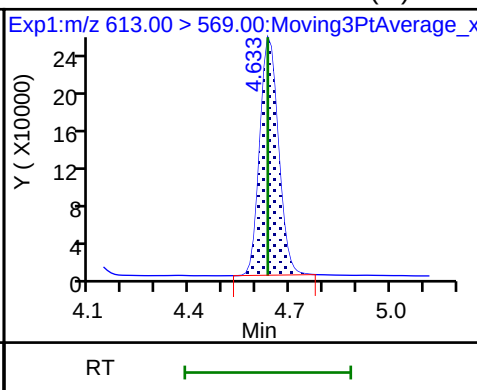
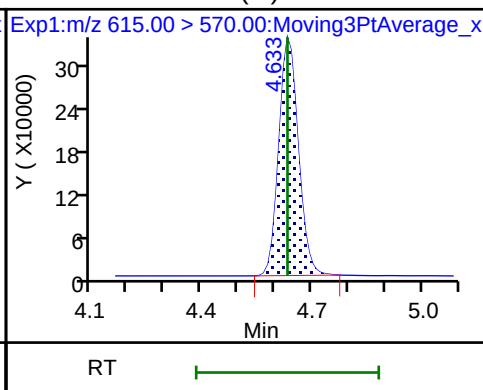
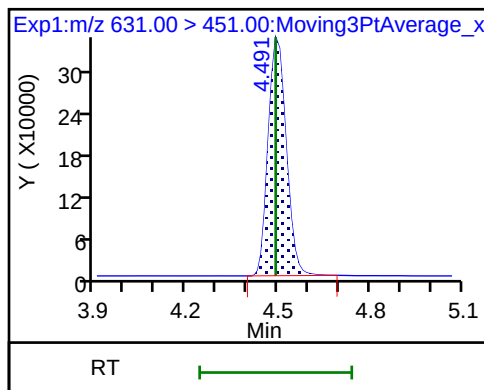
33 N-ethylperfluorooctanesulfonamid (M) 32 d5-NEtFOSAA



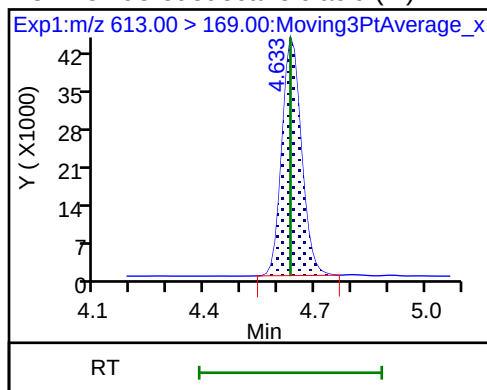
66 11-Chloroeicosafluoro-3-oxaundec

D 36 13C2 PFDaA (M)

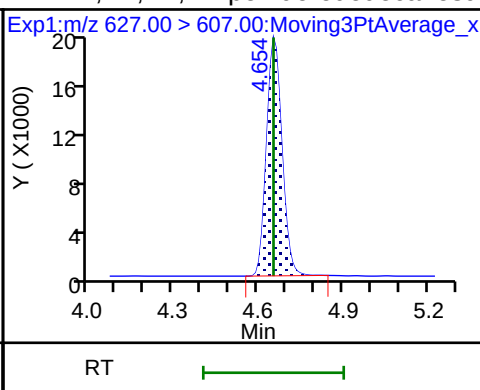
37 Perfluorododecanoic acid (M)



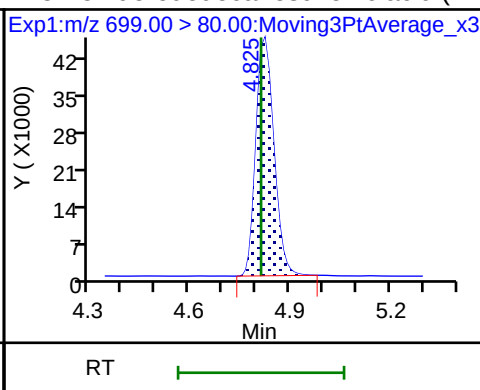
37 Perfluorododecanoic acid (M)



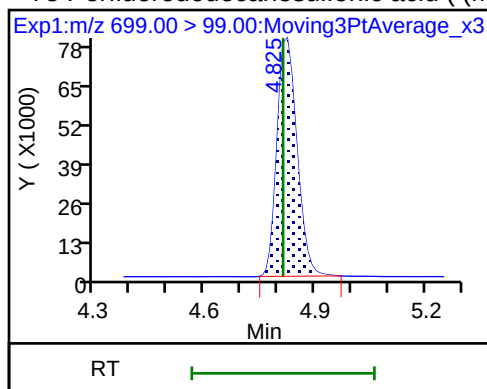
74 1H,1H,2H,2H-perfluorododecanesul



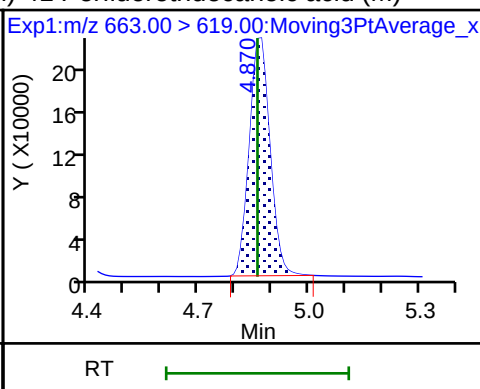
75 Perfluorododecanesulfonic acid (



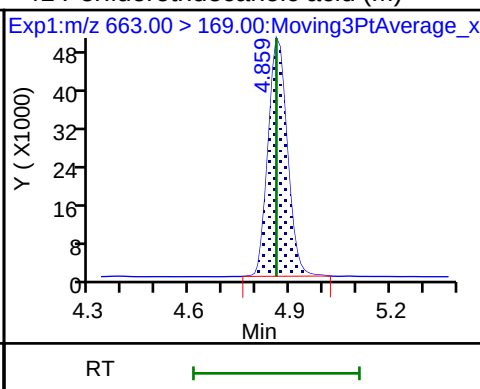
75 Perfluorododecanesulfonic acid ((M)



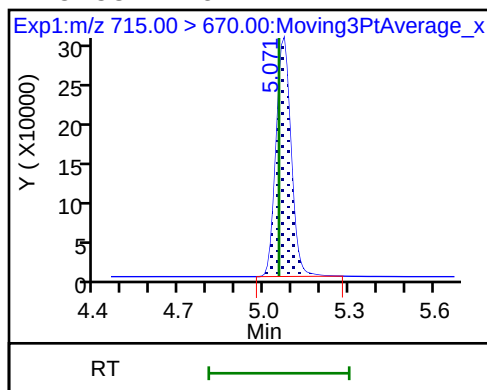
41 Perfluorotridecanoic acid (M)



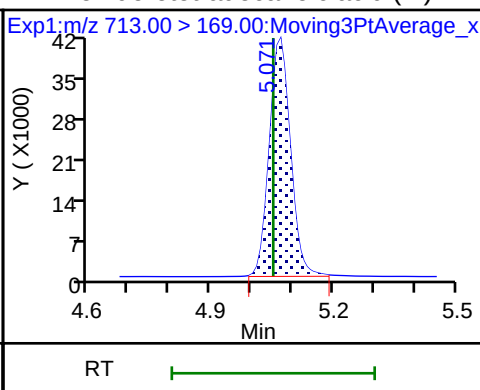
41 Perfluorotridecanoic acid (M)



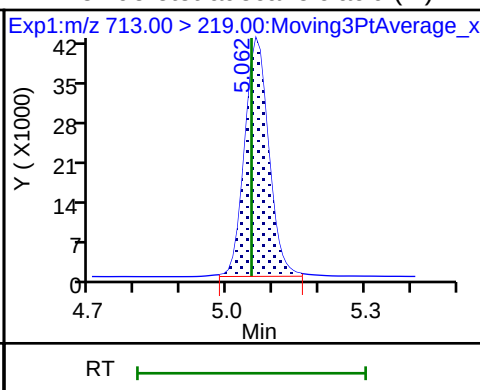
D 43 13C2 PFTeDA



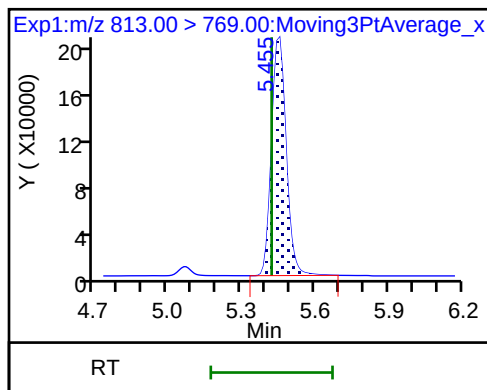
42 Perfluorotetradecanoic acid (M)



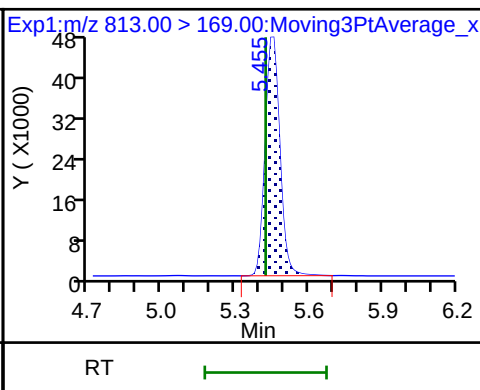
42 Perfluorotetradecanoic acid (M)



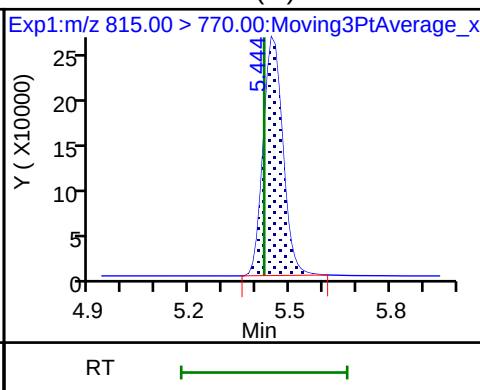
45 Perfluorohexadecanoic acid



45 Perfluorohexadecanoic acid

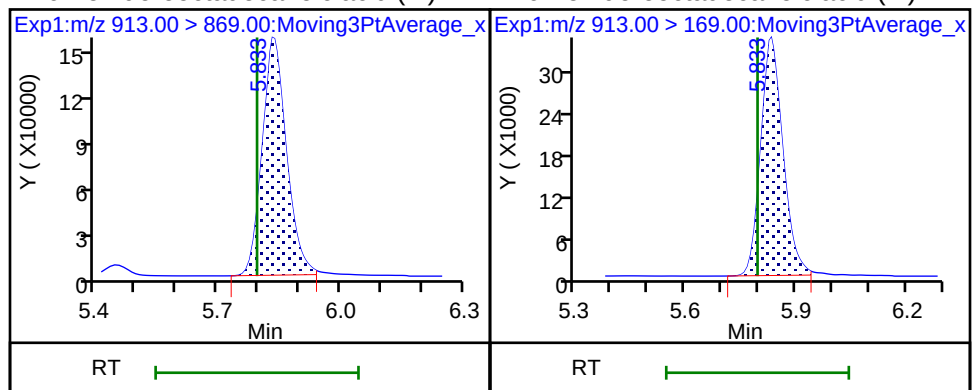


D 44 13C2 PFHxDA (M)



46 Perfluorooctadecanoic acid (M)

46 Perfluorooctadecanoic acid (M)



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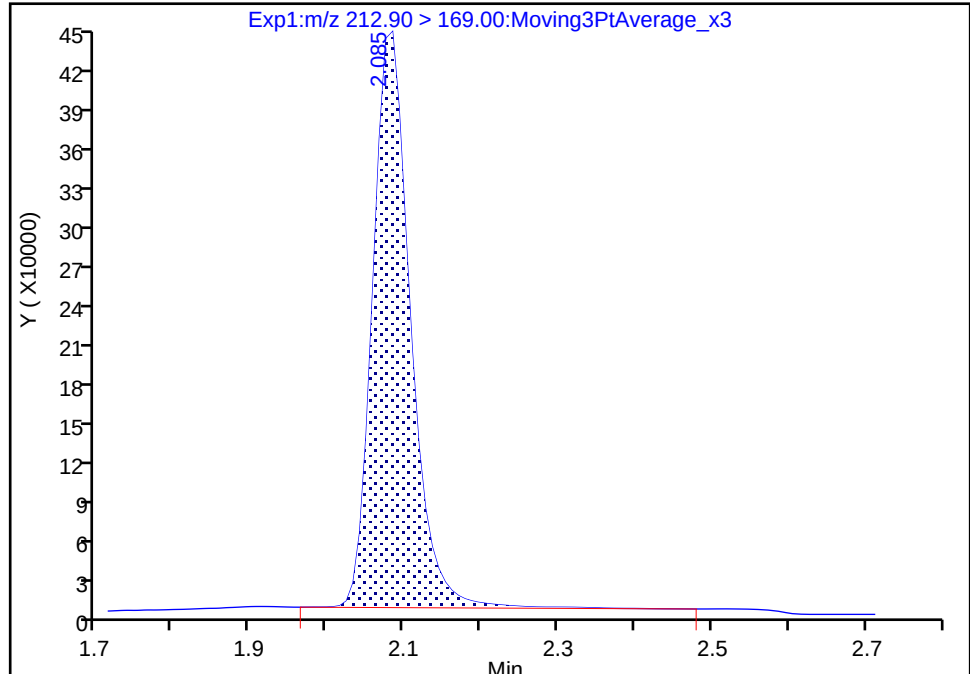
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Injection Date: 04-Aug-2022 21:31:23 Instrument ID: LC812
Lims ID: 460-262714-A-3-C MSD
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

2 Perfluorobutanoic acid, CAS: 375-22-4

Signal: 1

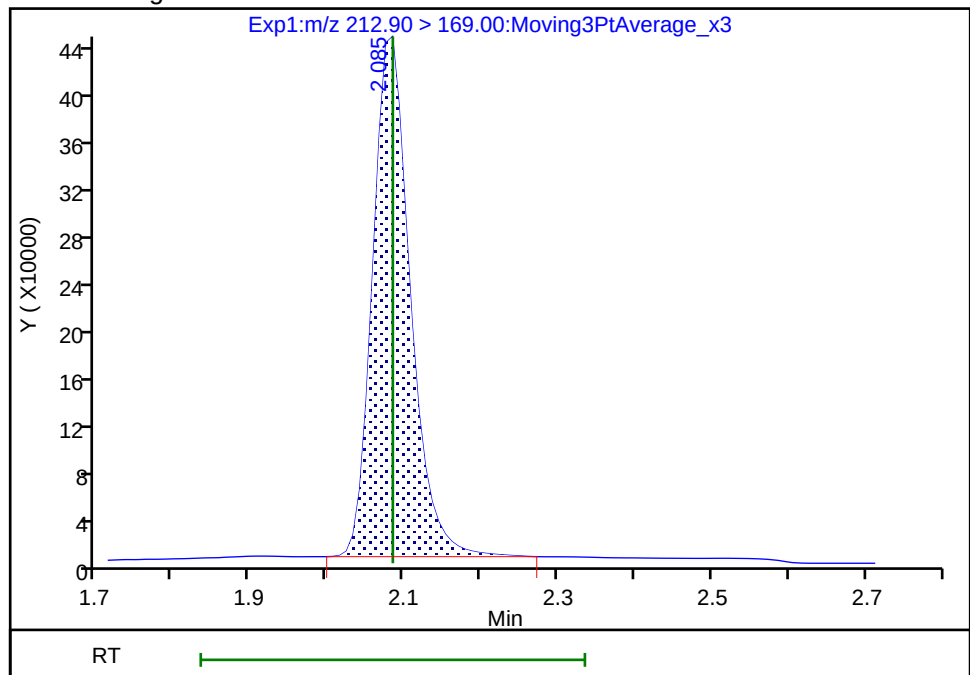
RT: 2.08
Area: 1514876
Amount: 1.027665
Amount Units: ng/ml

Processing Integration Results



RT: 2.08
Area: 1501182
Amount: 1.018375
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:00:22

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

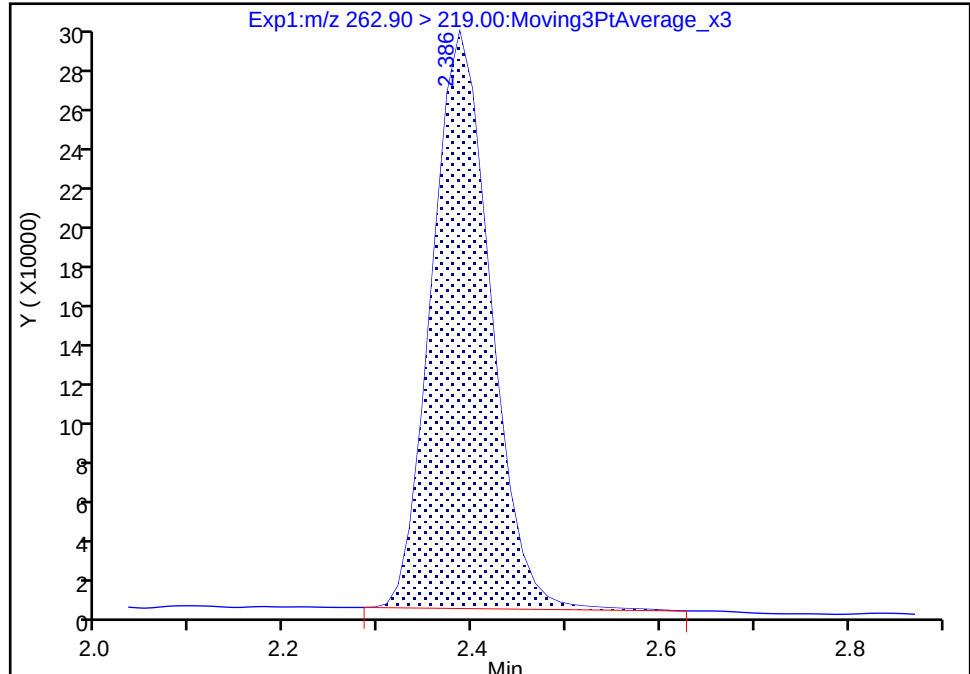
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Injection Date: 04-Aug-2022 21:31:23 Instrument ID: LC812
Lims ID: 460-262714-A-3-C MSD
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

4 Perfluoropentanoic acid, CAS: 2706-90-3

Signal: 1

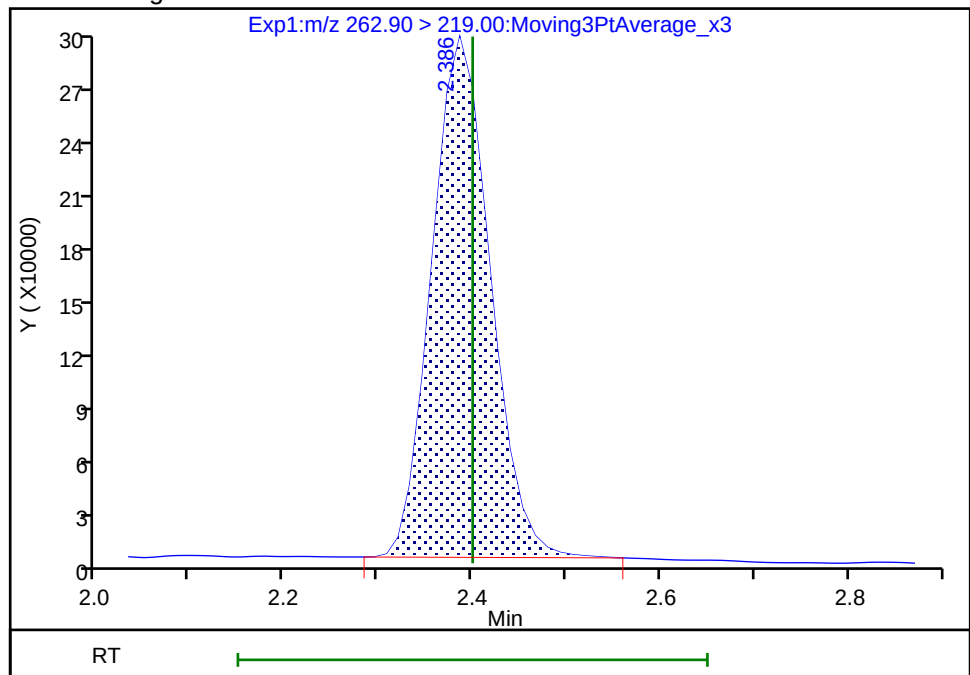
RT: 2.39
Area: 1256728
Amount: 1.054280
Amount Units: ng/ml

Processing Integration Results



RT: 2.39
Area: 1247400
Amount: 1.046455
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:00:28

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

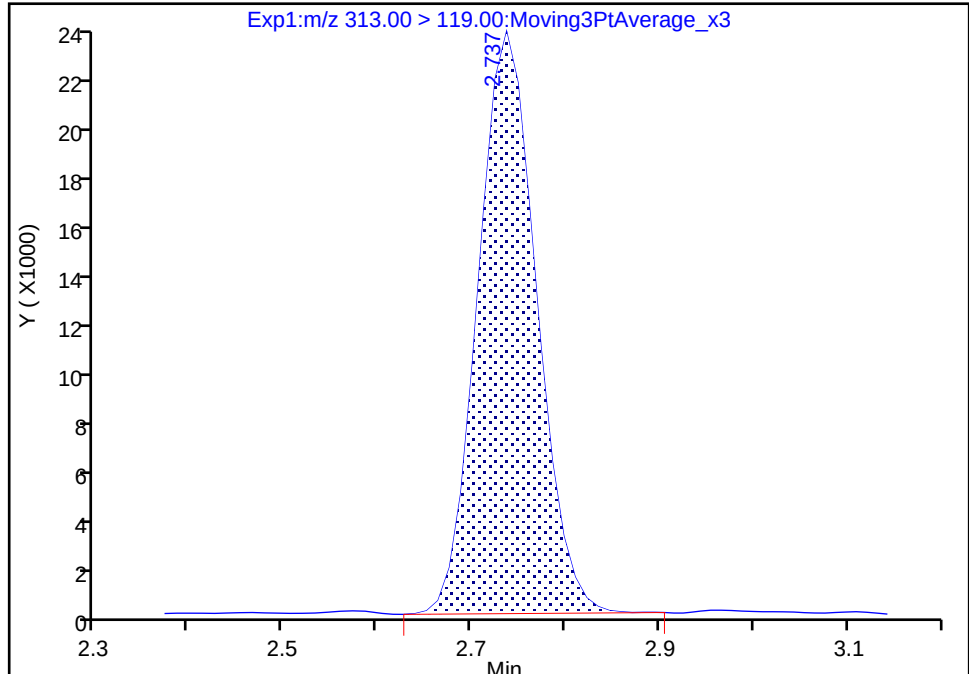
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Injection Date: 04-Aug-2022 21:31:23 Instrument ID: LC812
Lims ID: 460-262714-A-3-C MSD
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

6 Perfluorohexanoic acid, CAS: 307-24-4

Signal: 2

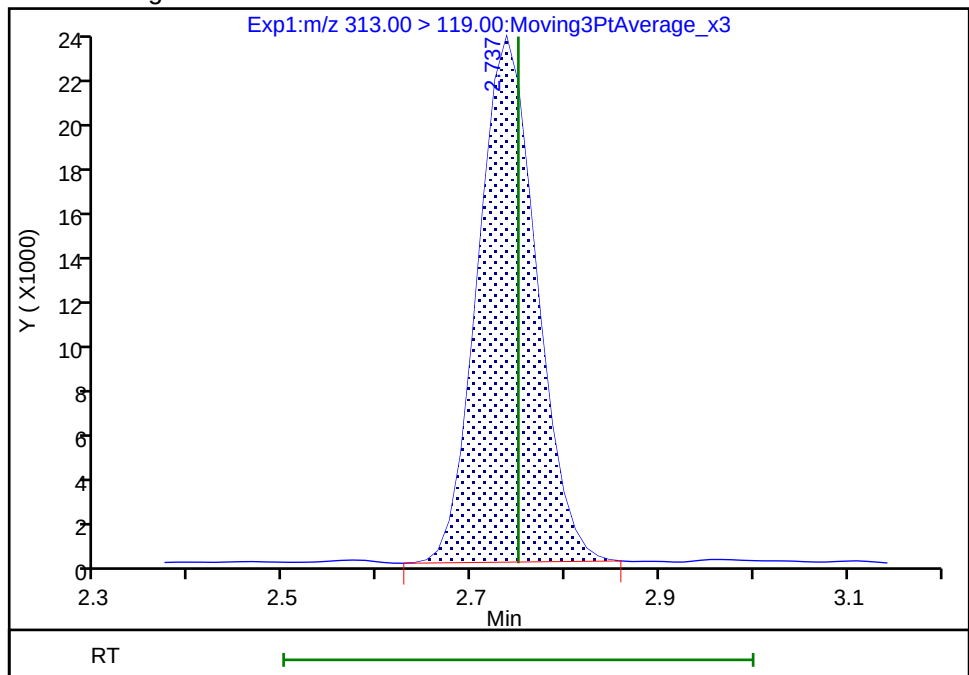
RT: 2.74
Area: 102985
Amount: 1.044738
Amount Units: ng/ml

Processing Integration Results



RT: 2.74
Area: 102662
Amount: 1.039927
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:00:35

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

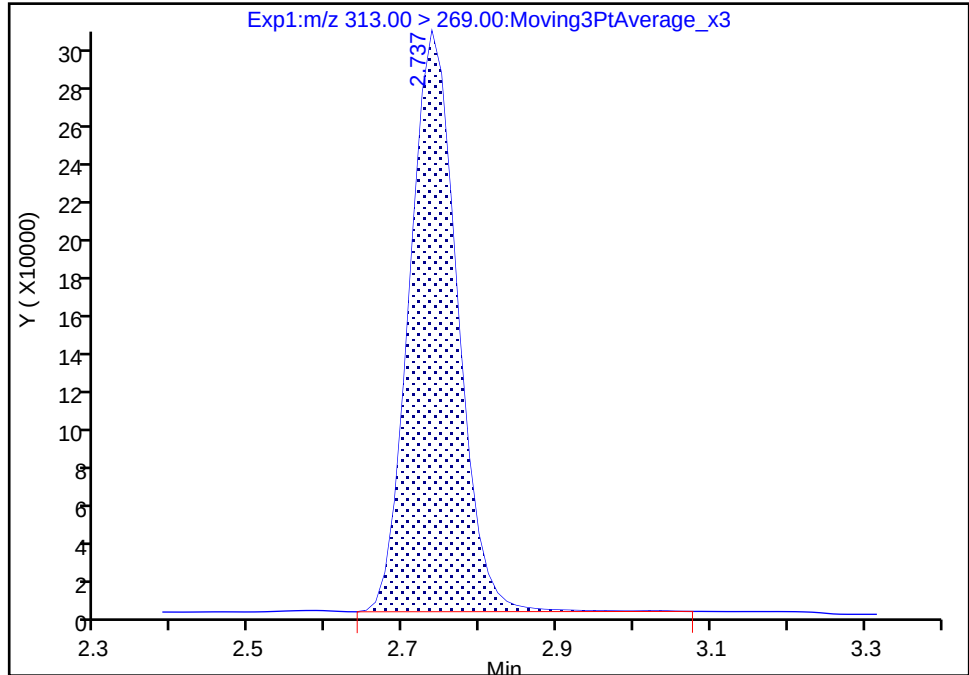
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D08.d
Injection Date: 04-Aug-2022 21:31:23 Instrument ID: LC812
Lims ID: 460-262714-A-3-C MSD
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

6 Perfluorohexanoic acid, CAS: 307-24-4

Signal: 1

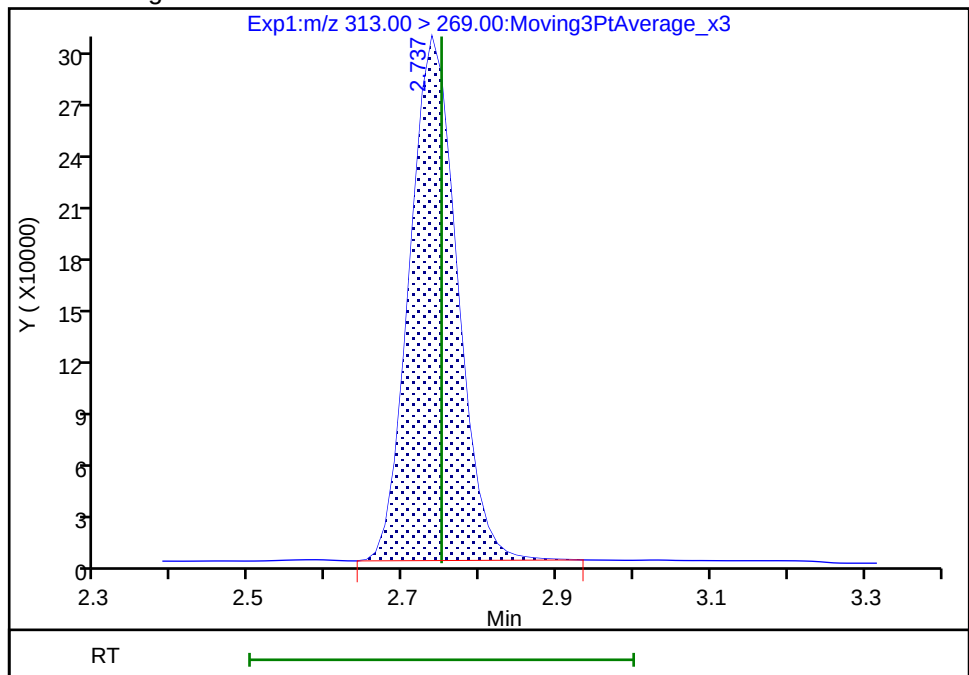
RT: 2.74
Area: 1300168
Amount: 1.044738
Amount Units: ng/ml

Processing Integration Results



RT: 2.74
Area: 1294181
Amount: 1.039927
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:00:40

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

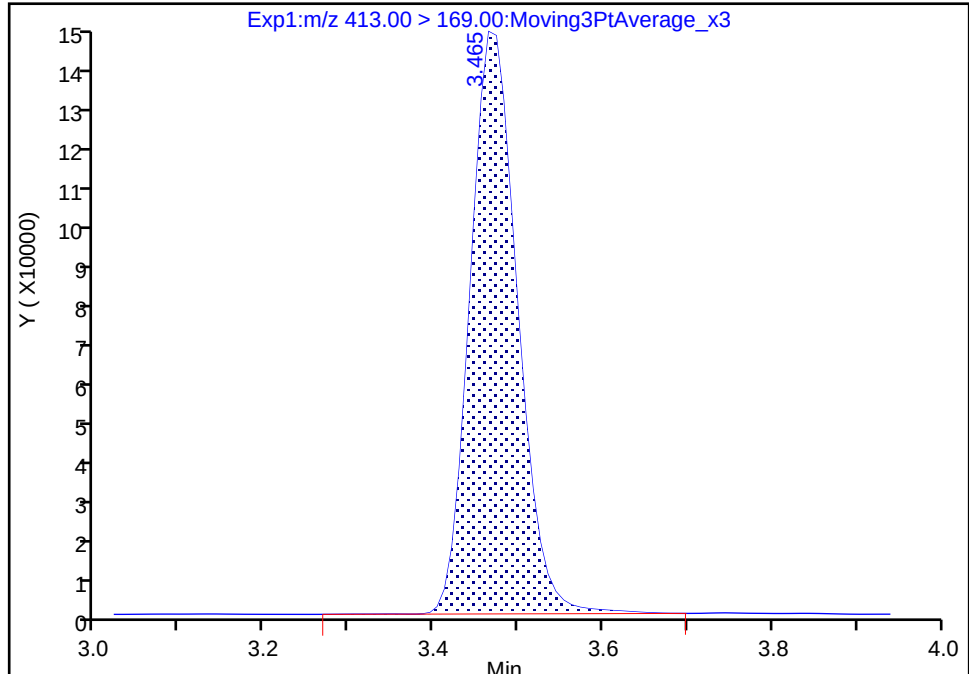
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D08.d
Injection Date: 04-Aug-2022 21:31:23 Instrument ID: LC812
Lims ID: 460-262714-A-3-C MSD
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

15 Perfluorooctanoic acid, CAS: 335-67-1

Signal: 2

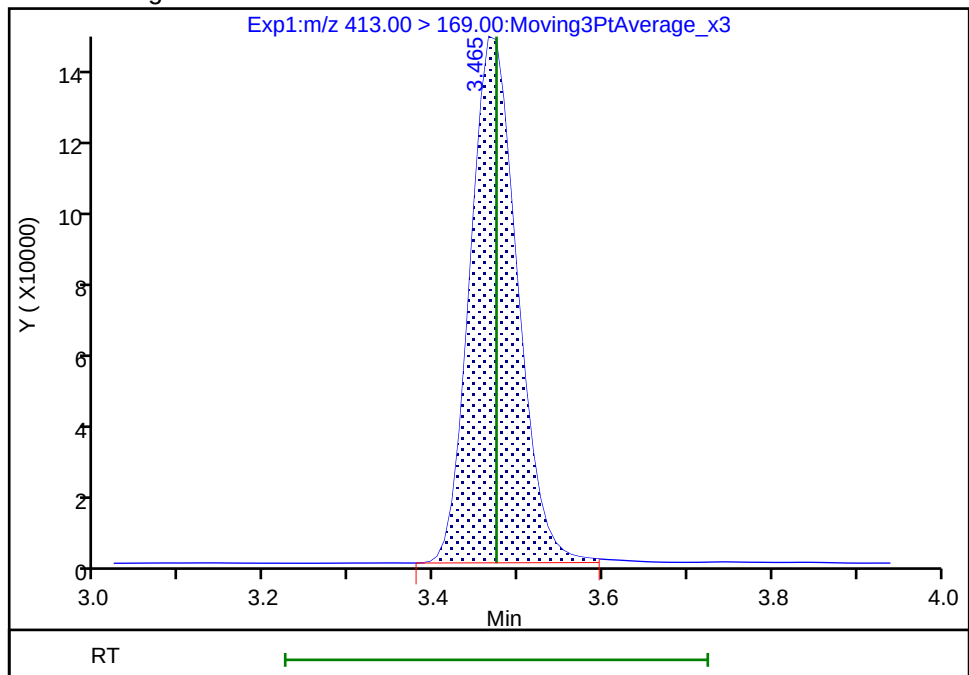
RT: 3.46
Area: 553245
Amount: 1.044623
Amount Units: ng/ml

Processing Integration Results



RT: 3.46
Area: 550889
Amount: 1.050951
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:01:43

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

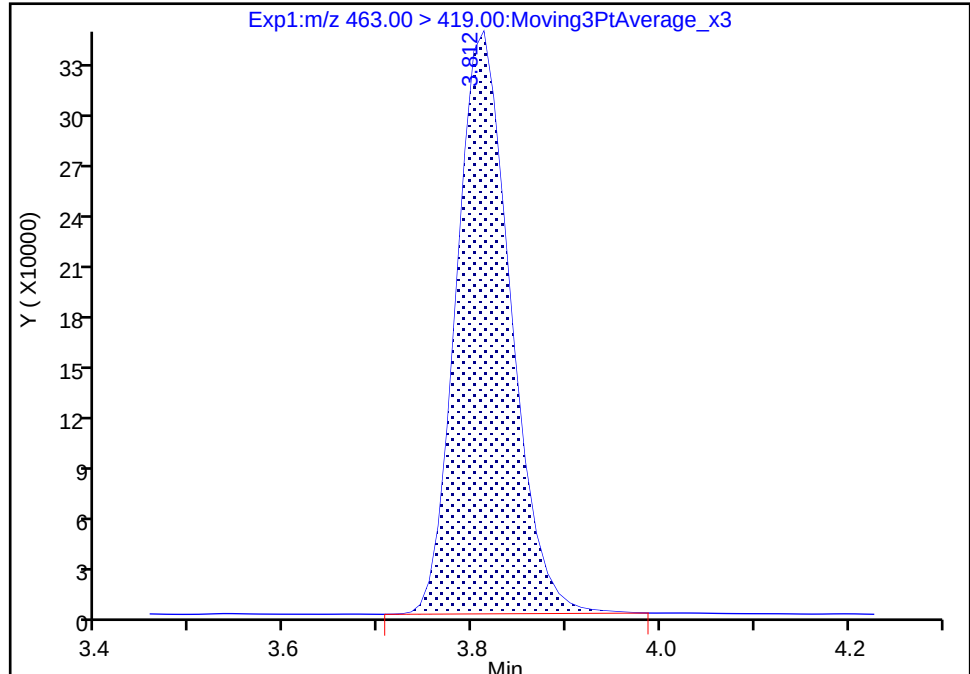
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D08.d
Injection Date: 04-Aug-2022 21:31:23 Instrument ID: LC812
Lims ID: 460-262714-A-3-C MSD
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

20 Perfluorononanoic acid, CAS: 375-95-1

Signal: 1

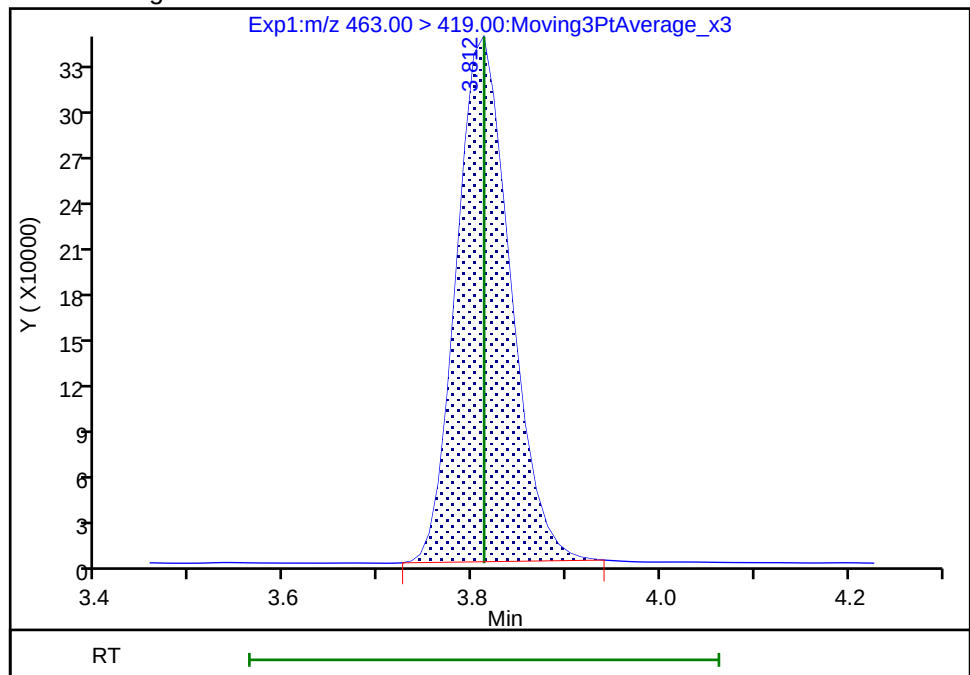
RT: 3.81
Area: 1358039
Amount: 1.034496
Amount Units: ng/ml

Processing Integration Results



RT: 3.81
Area: 1346130
Amount: 1.030557
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:57:38
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

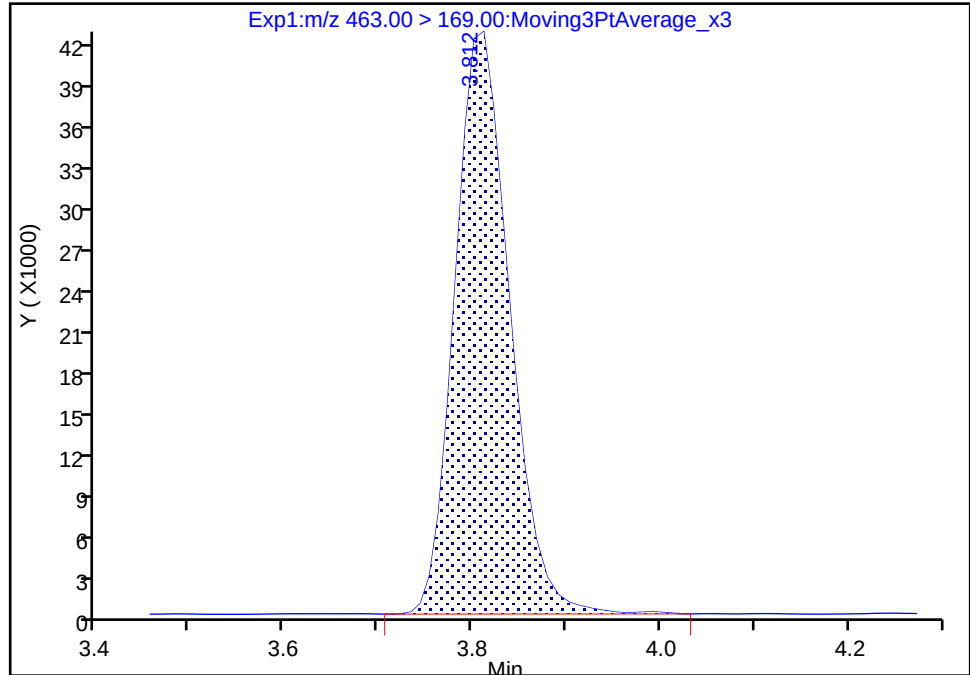
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D08.d
Injection Date: 04-Aug-2022 21:31:23 Instrument ID: LC812
Lims ID: 460-262714-A-3-C MSD
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

20 Perfluorononanoic acid, CAS: 375-95-1

Signal: 2

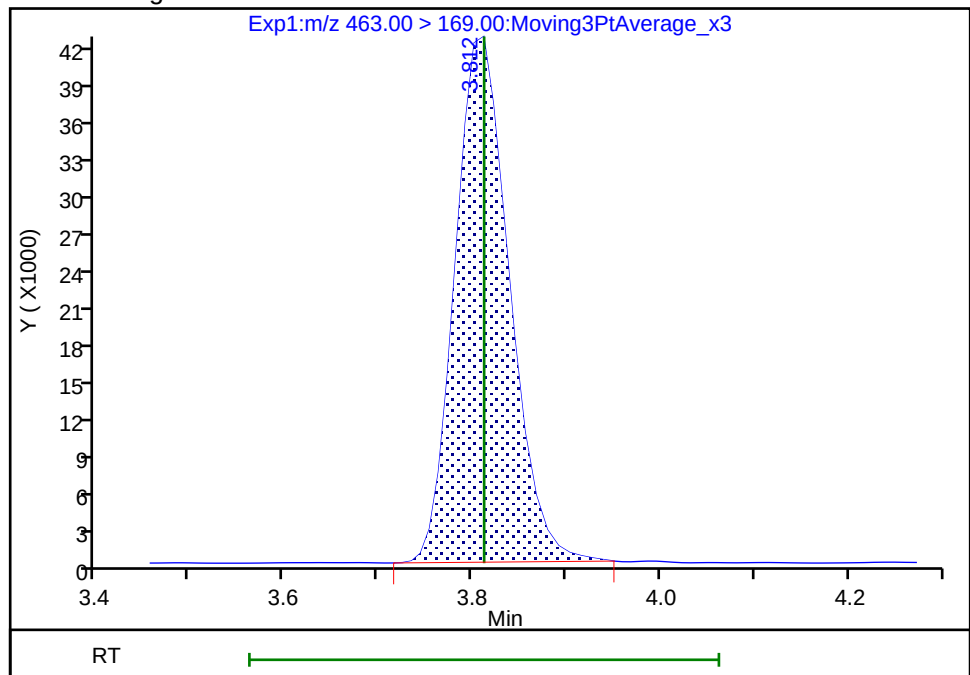
RT: 3.81
Area: 170933
Amount: 1.034496
Amount Units: ng/ml

Processing Integration Results



RT: 3.81
Area: 169456
Amount: 1.030557
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:57:43

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

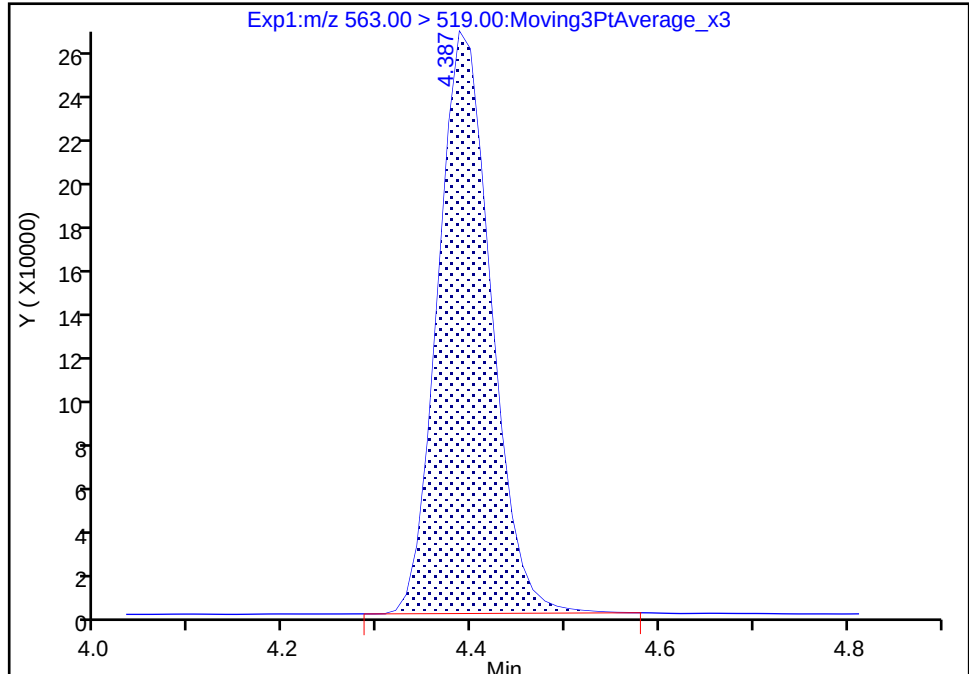
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Injection Date: 04-Aug-2022 21:31:23 Instrument ID: LC812
Lims ID: 460-262714-A-3-C MSD
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

31 Perfluoroundecanoic acid, CAS: 2058-94-8

Signal: 1

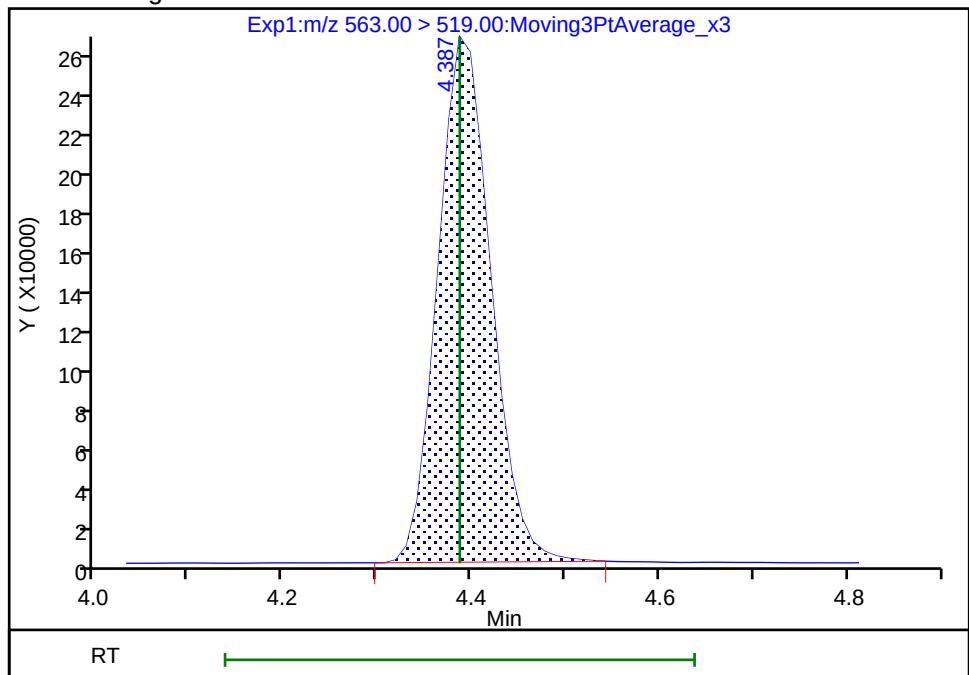
RT: 4.39
Area: 1025726
Amount: 1.028097
Amount Units: ng/ml

Processing Integration Results



RT: 4.39
Area: 1022810
Amount: 1.025174
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:58:44
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

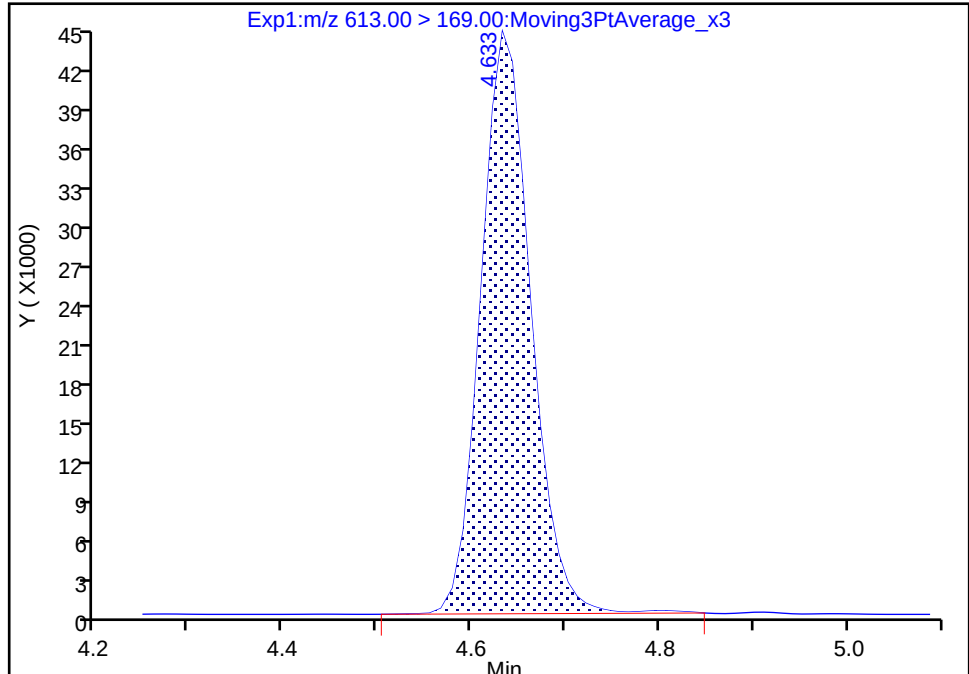
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Injection Date: 04-Aug-2022 21:31:23 Instrument ID: LC812
Lims ID: 460-262714-A-3-C MSD
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

37 Perfluorododecanoic acid, CAS: 307-55-1

Signal: 2

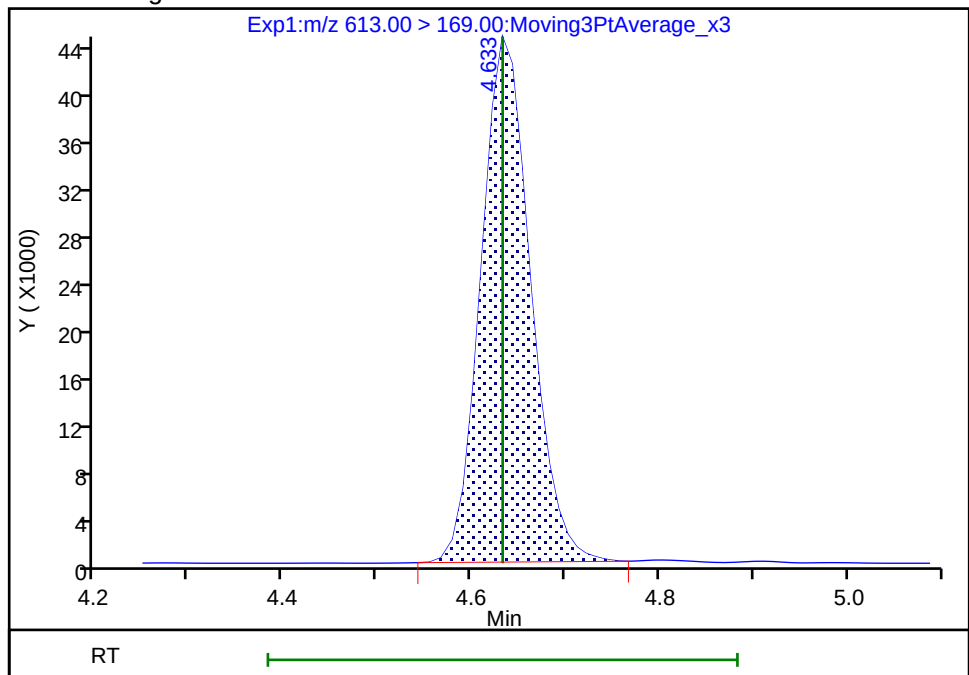
RT: 4.63
Area: 162975
Amount: 1.001644
Amount Units: ng/ml

Processing Integration Results



RT: 4.63
Area: 161575
Amount: 0.991065
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:59:06
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

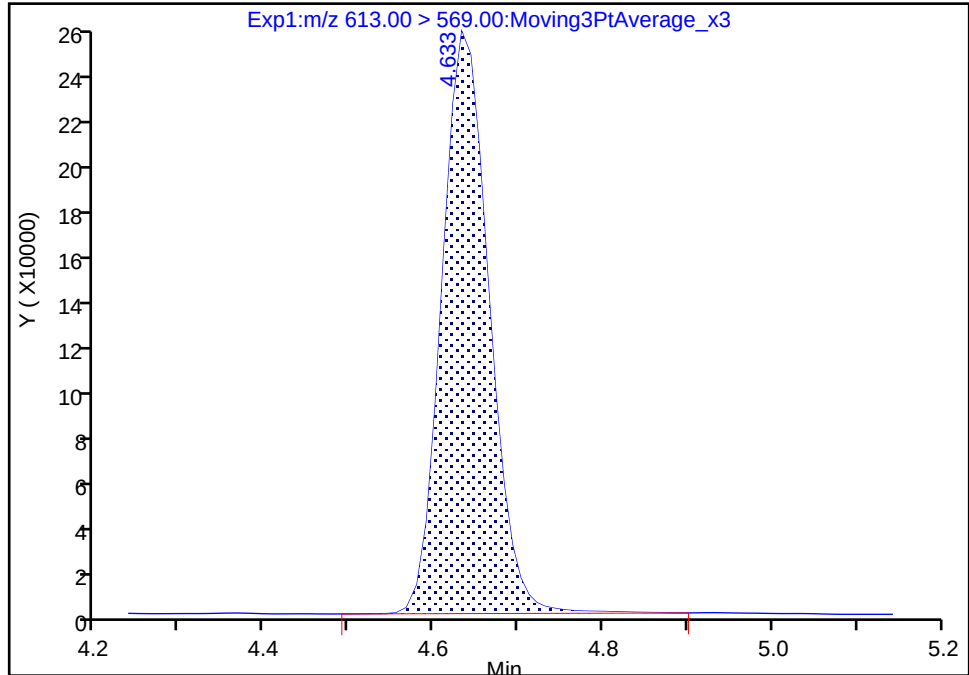
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D08.d
Injection Date: 04-Aug-2022 21:31:23 Instrument ID: LC812
Lims ID: 460-262714-A-3-C MSD
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

37 Perfluorododecanoic acid, CAS: 307-55-1

Signal: 1

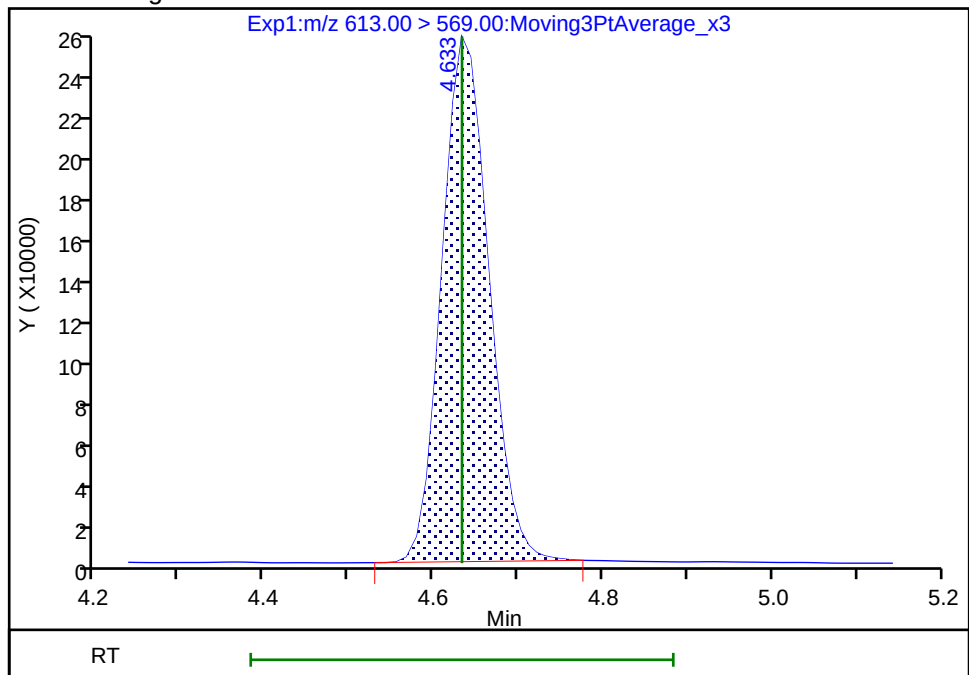
RT: 4.63
Area: 1004288
Amount: 1.001644
Amount Units: ng/ml

Processing Integration Results



RT: 4.63
Area: 993681
Amount: 0.991065
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:59:11

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

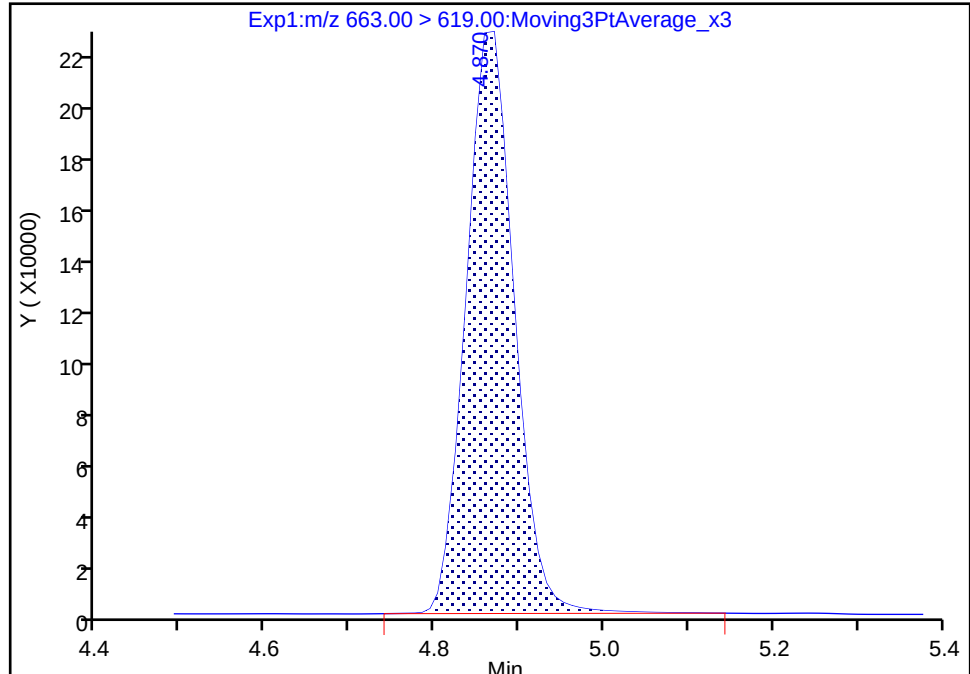
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D08.d
Injection Date: 04-Aug-2022 21:31:23 Instrument ID: LC812
Lims ID: 460-262714-A-3-C MSD
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

41 Perfluorotridecanoic acid, CAS: 72629-94-8

Signal: 1

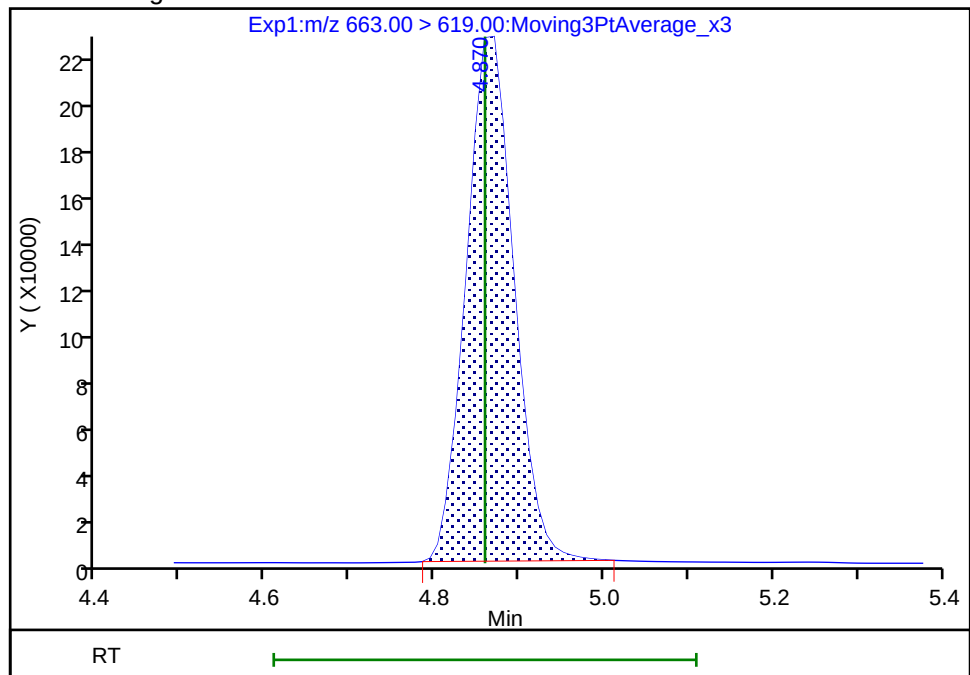
RT: 4.87
Area: 904213
Amount: 1.040336
Amount Units: ng/ml

Processing Integration Results



RT: 4.87
Area: 893143
Amount: 1.027600
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:59:30
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

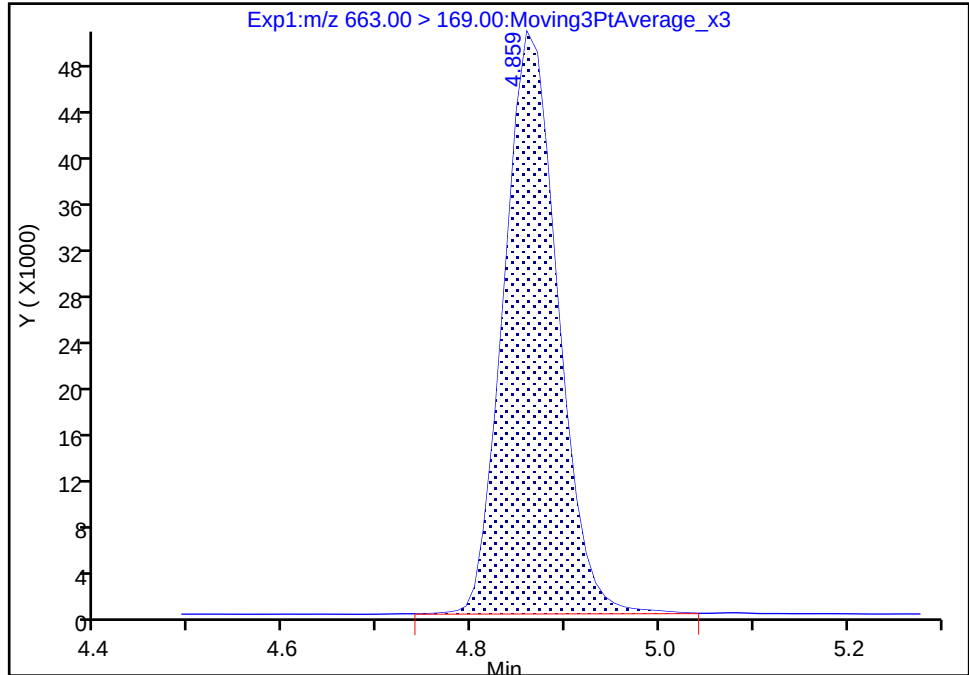
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Injection Date: 04-Aug-2022 21:31:23 Instrument ID: LC812
Lims ID: 460-262714-A-3-C MSD
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

41 Perfluorotridecanoic acid, CAS: 72629-94-8

Signal: 2

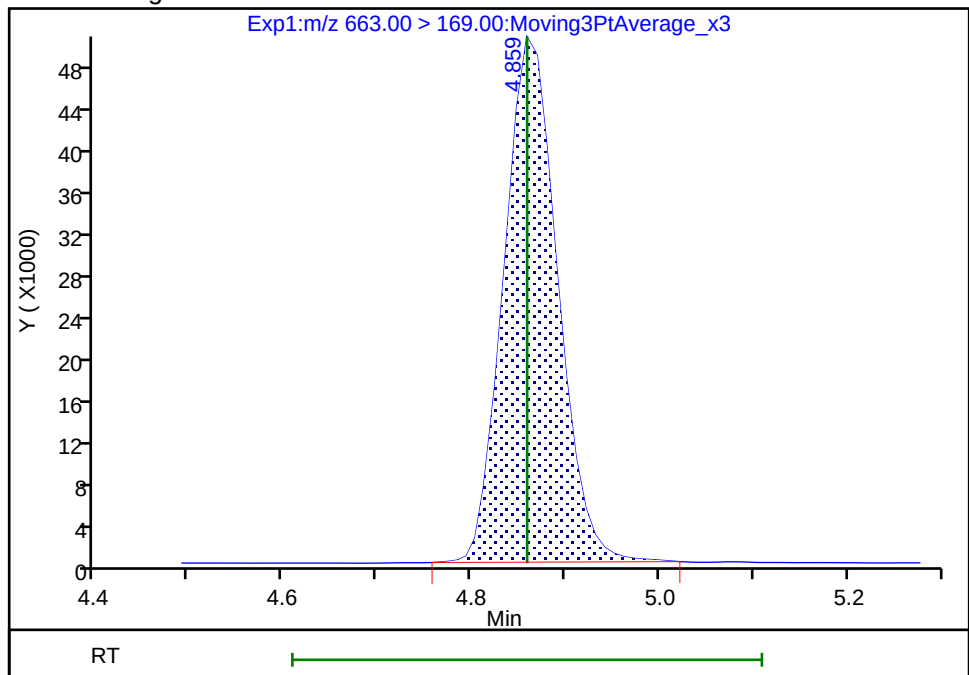
RT: 4.86
Area: 200236
Amount: 1.040336
Amount Units: ng/ml

Processing Integration Results



RT: 4.86
Area: 198949
Amount: 1.027600
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:59:35

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

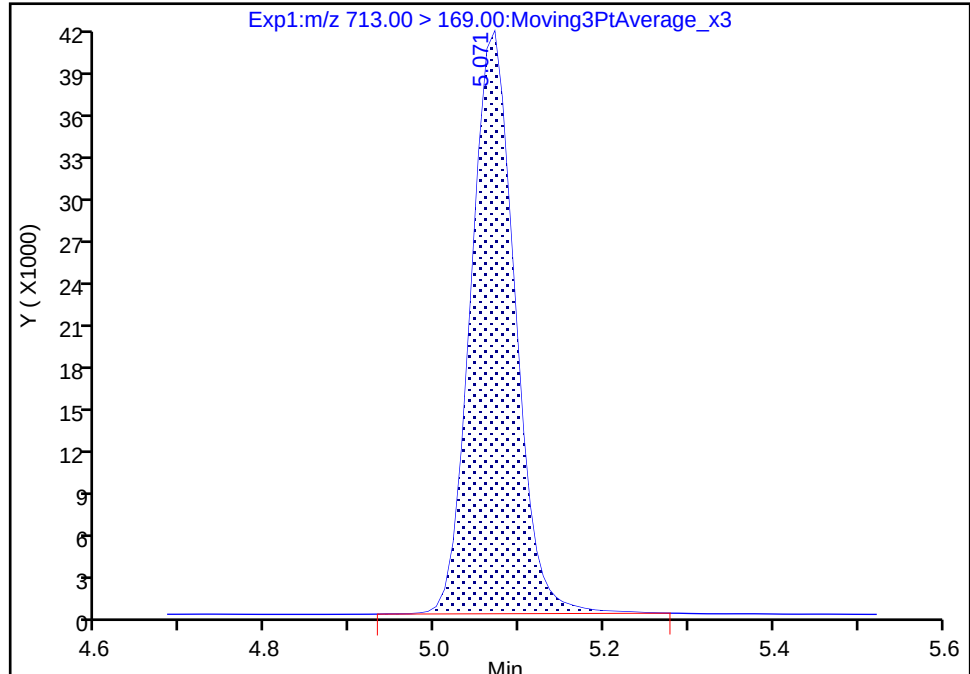
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D08.d
Injection Date: 04-Aug-2022 21:31:23 Instrument ID: LC812
Lims ID: 460-262714-A-3-C MSD
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

42 Perfluorotetradecanoic acid, CAS: 376-06-7

Signal: 1

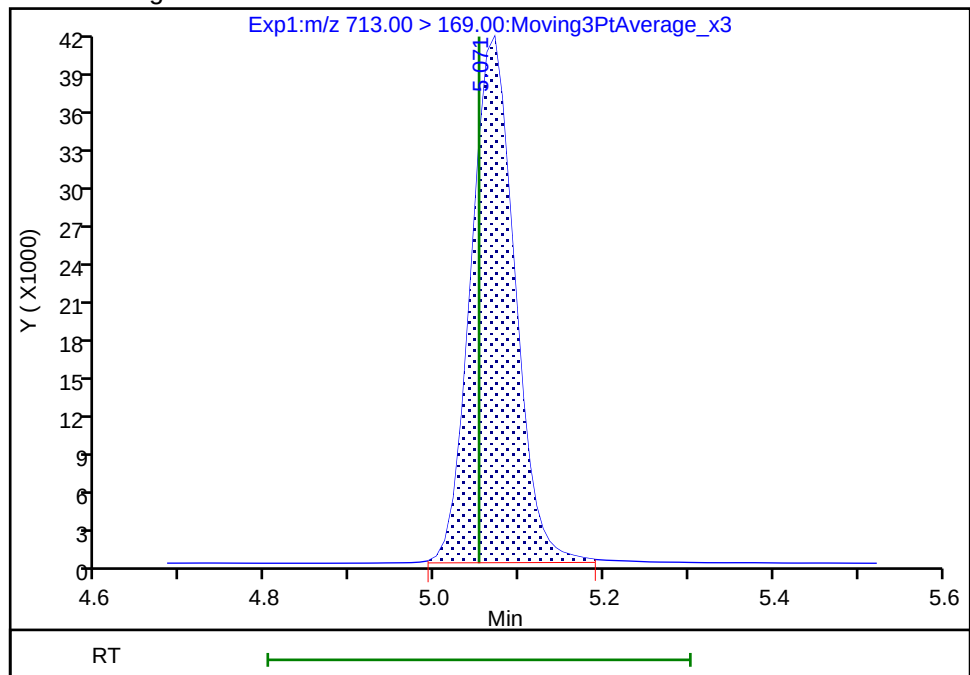
RT: 5.07
Area: 148933
Amount: 1.063647
Amount Units: ng/ml

Processing Integration Results



RT: 5.07
Area: 148358
Amount: 1.059540
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:02:55

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

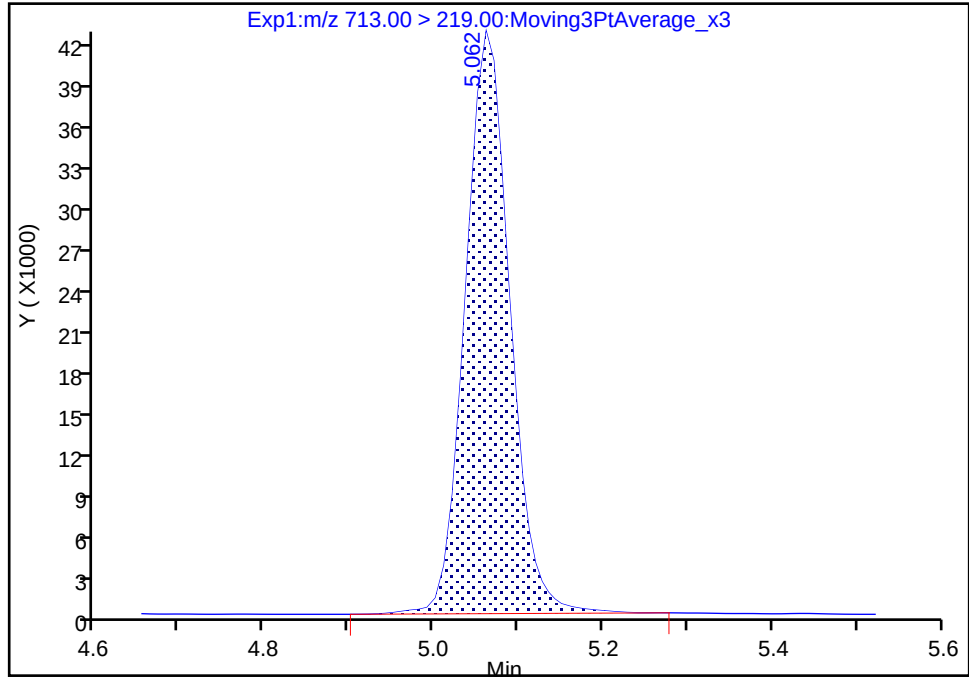
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Injection Date: 04-Aug-2022 21:31:23 Instrument ID: LC812
Lims ID: 460-262714-A-3-C MSD
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

42 Perfluorotetradecanoic acid, CAS: 376-06-7

Signal: 2

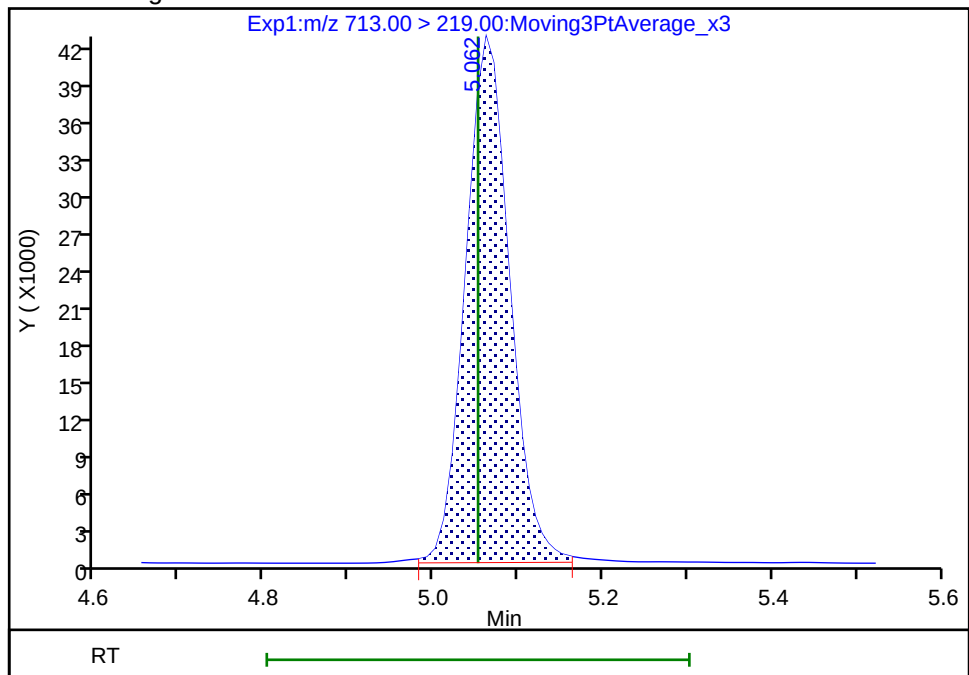
RT: 5.06
Area: 154060
Amount: 1.063647
Amount Units: ng/ml

Processing Integration Results



RT: 5.06
Area: 152741
Amount: 1.059540
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:02:58

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

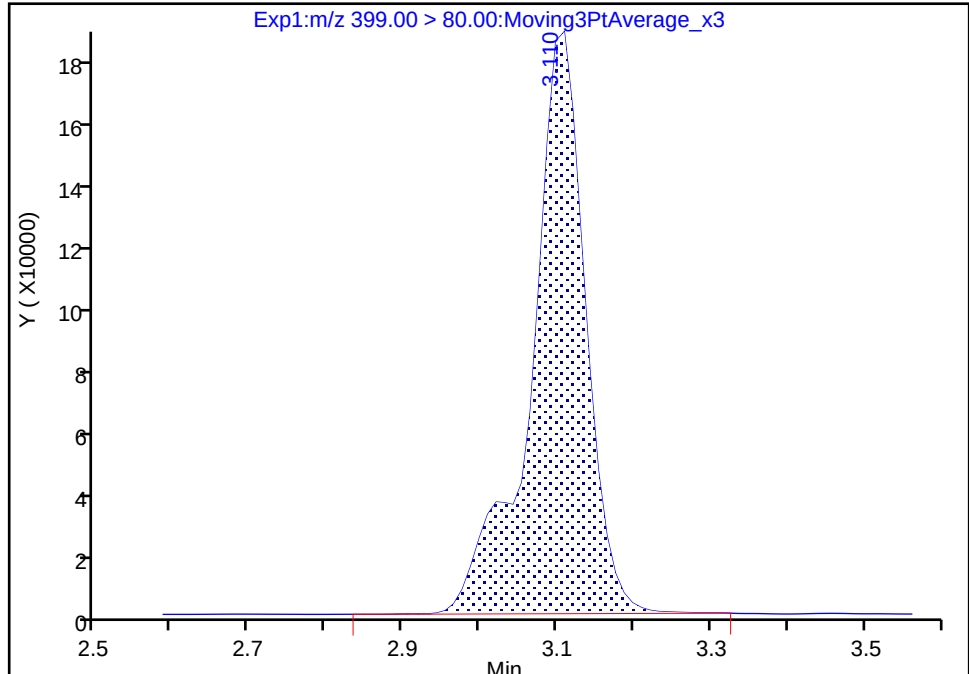
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D08.d
Injection Date: 04-Aug-2022 21:31:23 Instrument ID: LC812
Lims ID: 460-262714-A-3-C MSD
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 1

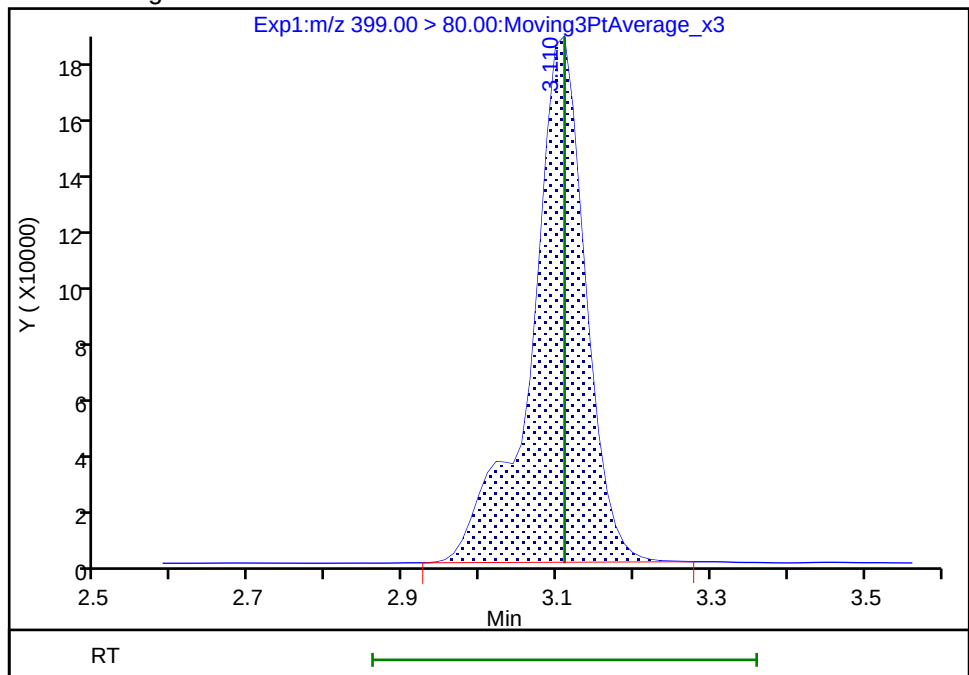
RT: 3.11
Area: 911713
Amount: 0.935236
Amount Units: ng/ml

Processing Integration Results



RT: 3.11
Area: 908058
Amount: 0.931487
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:00:59

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

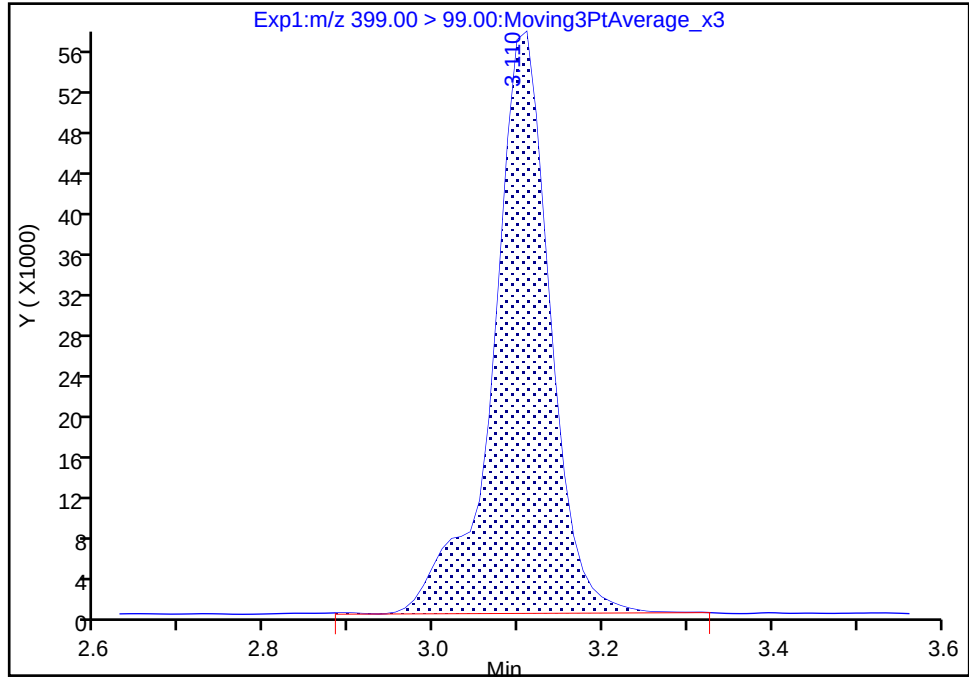
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D08.d
Injection Date: 04-Aug-2022 21:31:23 Instrument ID: LC812
Lims ID: 460-262714-A-3-C MSD
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

8 Perfluorohexanesulfonic acid, CAS: 355-46-4

Signal: 2

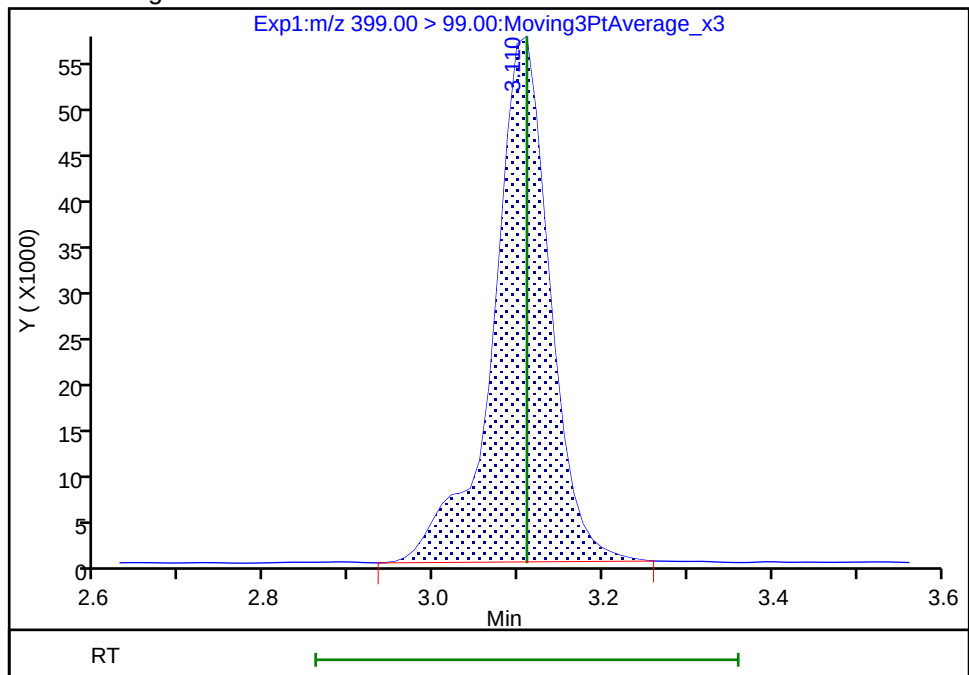
RT: 3.11
Area: 265725
Amount: 0.935236
Amount Units: ng/ml

Processing Integration Results



RT: 3.11
Area: 264408
Amount: 0.931487
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:01:04

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

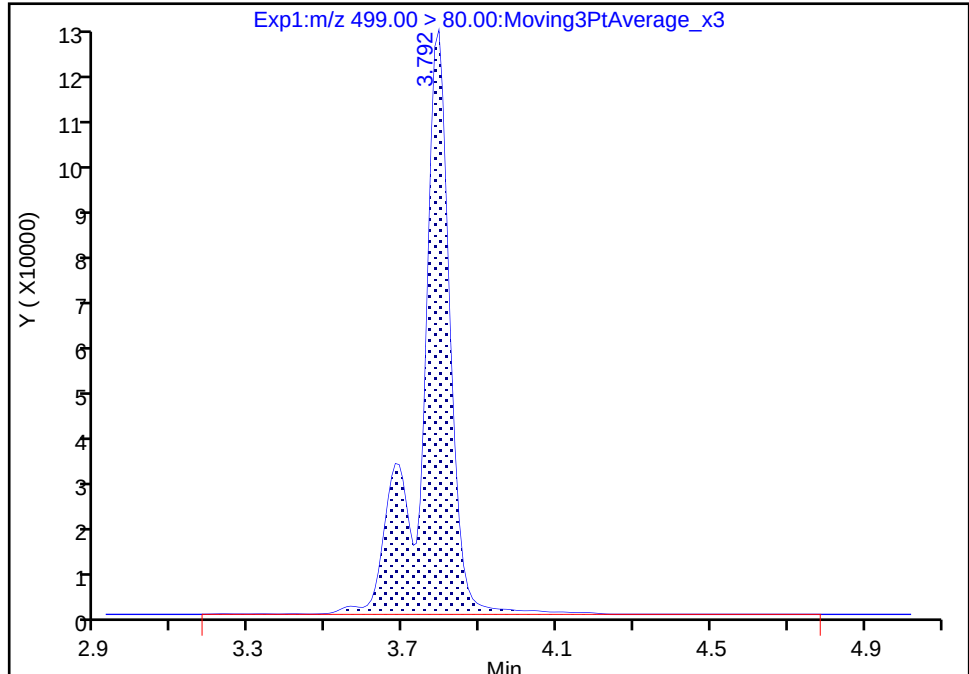
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Injection Date: 04-Aug-2022 21:31:23 Instrument ID: LC812
Lims ID: 460-262714-A-3-C MSD
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 1

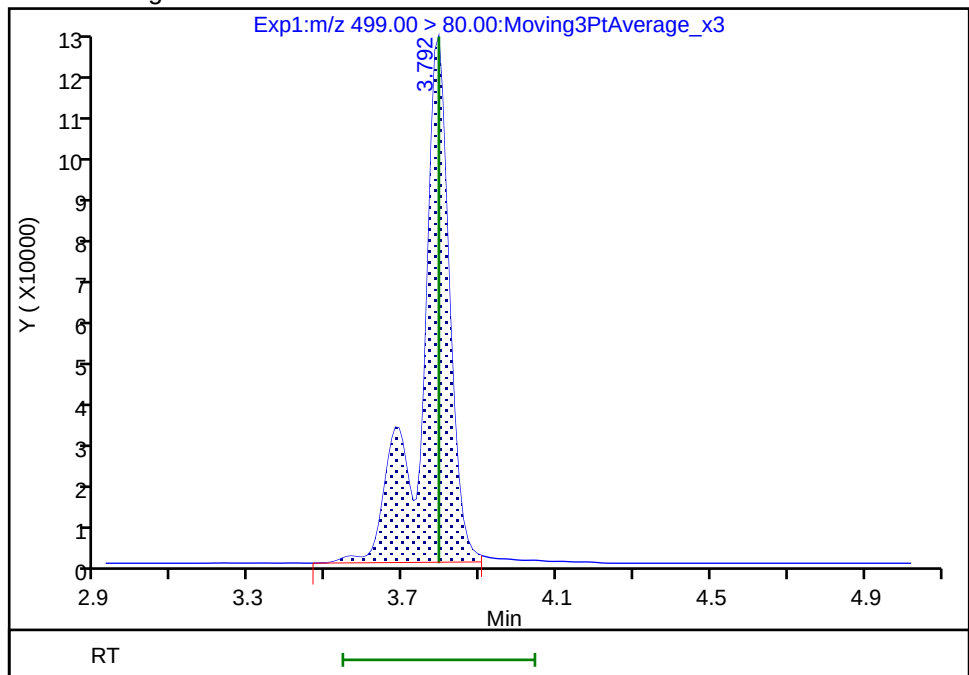
RT: 3.79
Area: 657447
Amount: 1.024929
Amount Units: ng/ml

Processing Integration Results



RT: 3.79
Area: 639899
Amount: 1.005232
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:02:01

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

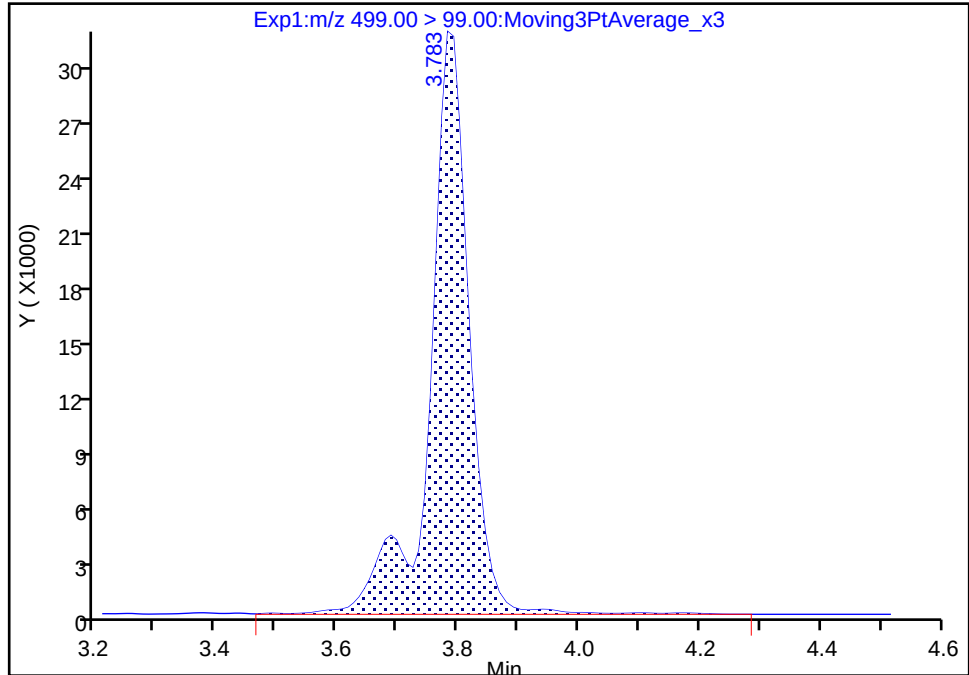
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Injection Date: 04-Aug-2022 21:31:23 Instrument ID: LC812
Lims ID: 460-262714-A-3-C MSD
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

17 Perfluorooctanesulfonic acid, CAS: 1763-23-1

Signal: 2

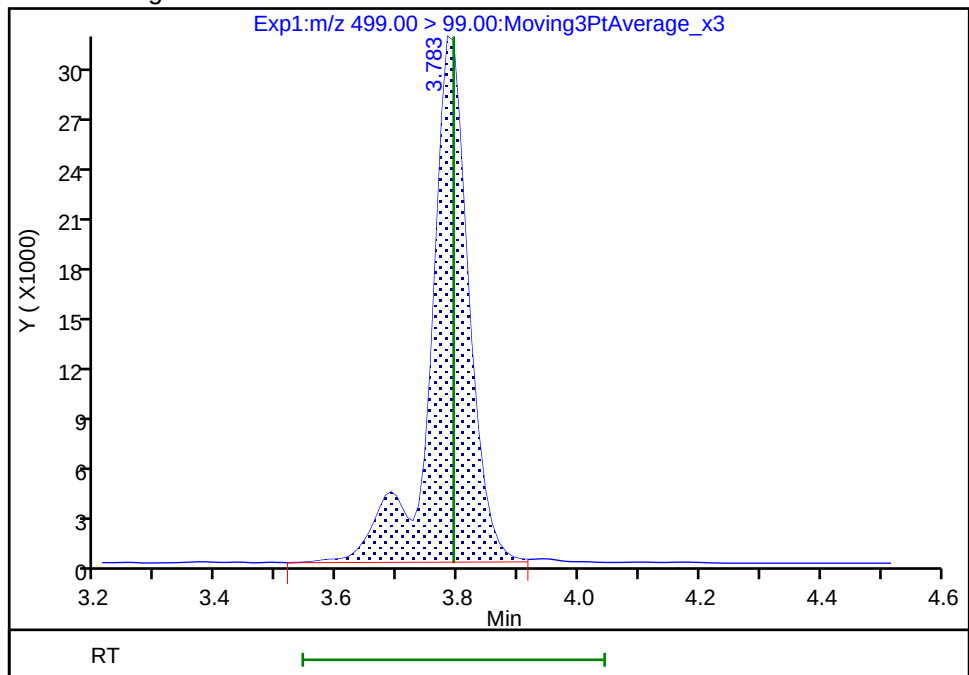
RT: 3.78
Area: 142113
Amount: 1.024929
Amount Units: ng/ml

Processing Integration Results



RT: 3.78
Area: 139070
Amount: 1.005232
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:02:11

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

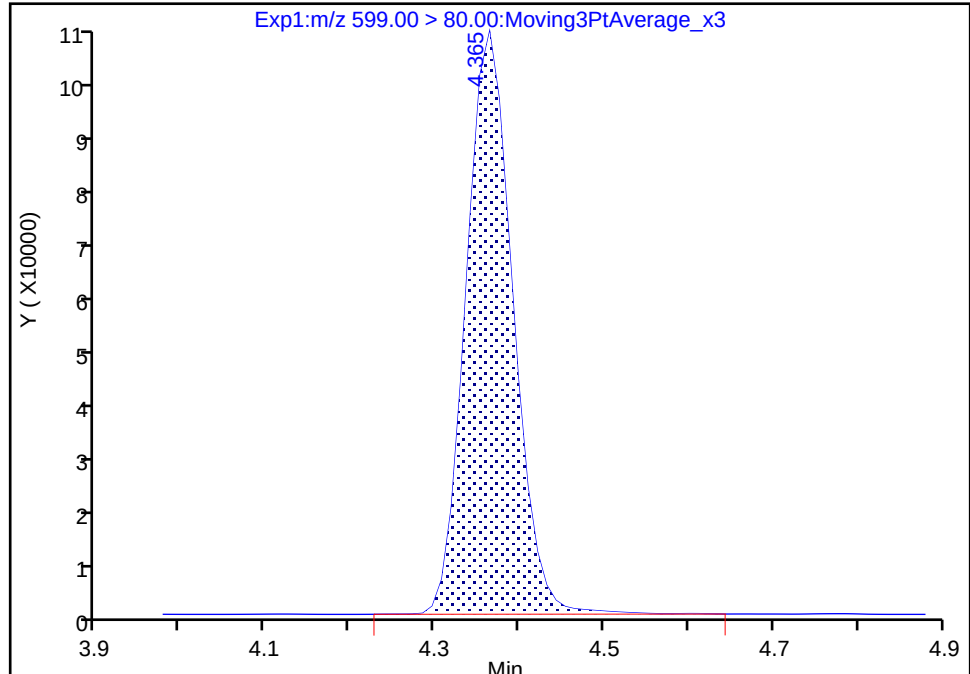
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Injection Date: 04-Aug-2022 21:31:23 Instrument ID: LC812
Lims ID: 460-262714-A-3-C MSD
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

29 Perfluorodecanesulfonic acid, CAS: 335-77-3

Signal: 1

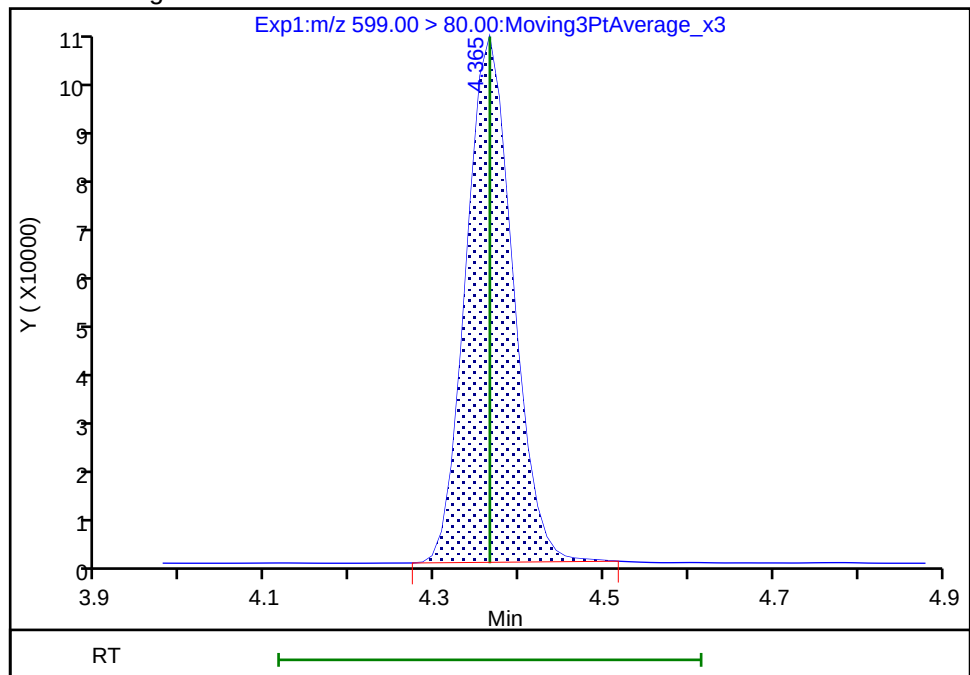
RT: 4.36
Area: 387730
Amount: 1.059207
Amount Units: ng/ml

Processing Integration Results



RT: 4.36
Area: 384137
Amount: 1.049391
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:58:30
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

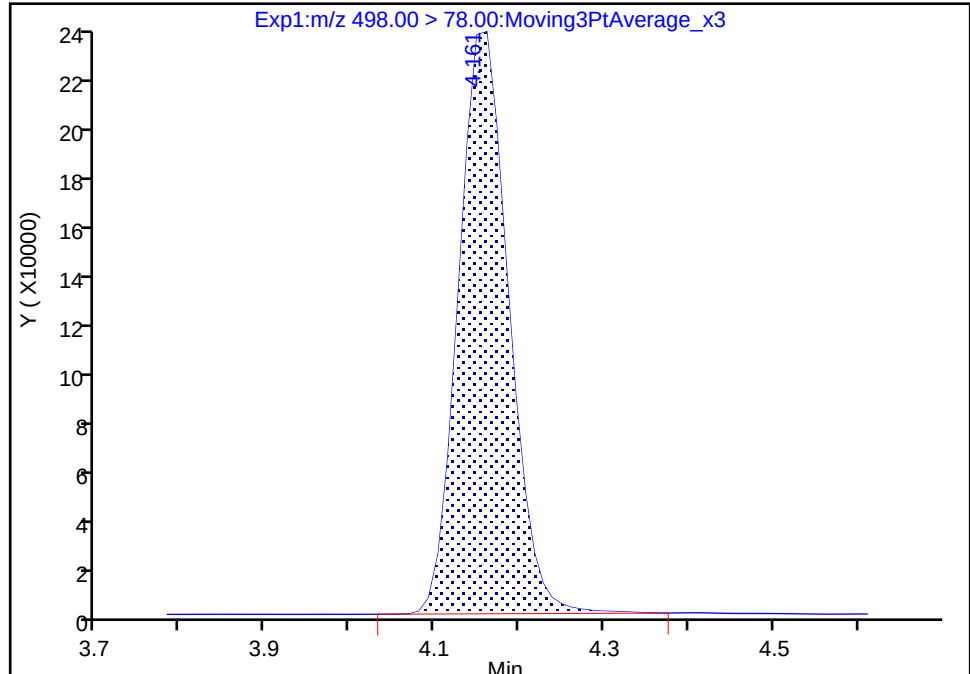
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Injection Date: 04-Aug-2022 21:31:23 Instrument ID: LC812
Lims ID: 460-262714-A-3-C MSD
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

22 Perfluorooctanesulfonamide, CAS: 754-91-6

Signal: 1

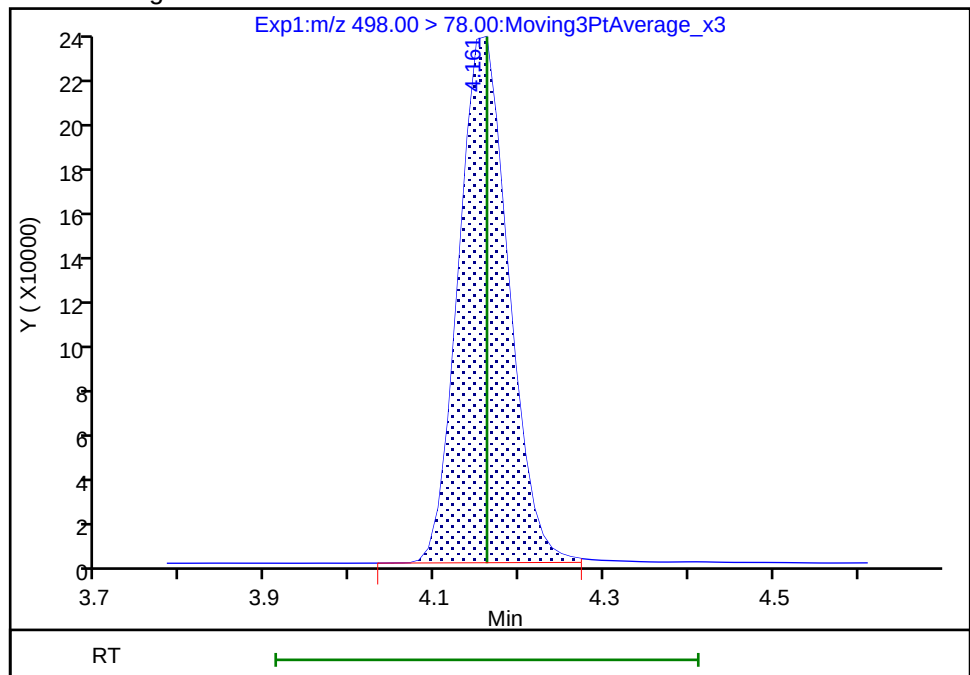
RT: 4.16
Area: 976680
Amount: 1.086328
Amount Units: ng/ml

Processing Integration Results



RT: 4.16
Area: 973087
Amount: 1.082332
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:58:21
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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08/09/2022

Eurofins Burlington

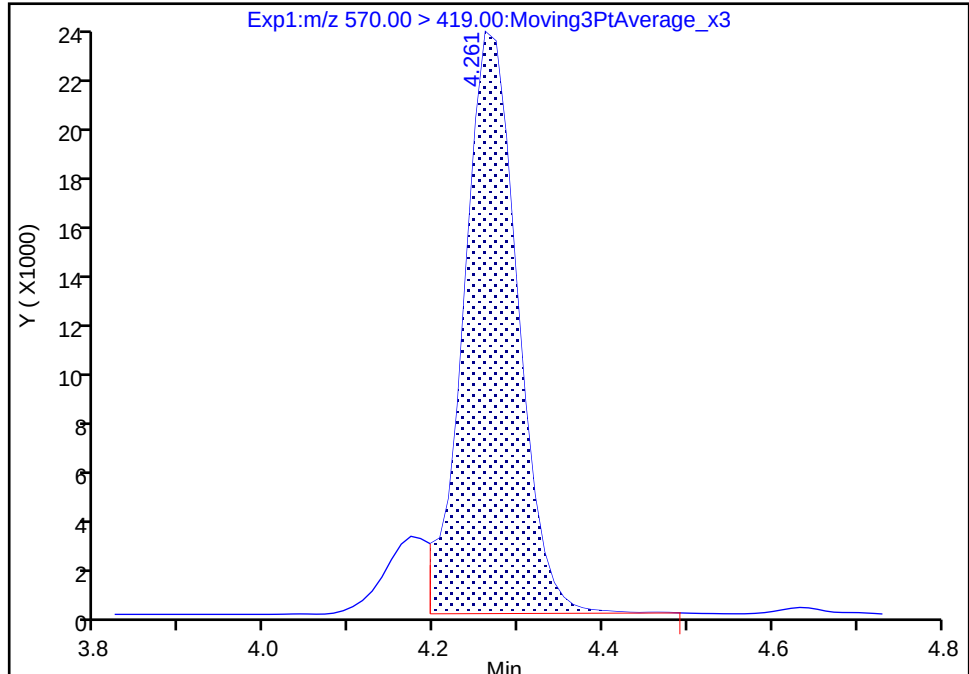
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D08.d
Injection Date: 04-Aug-2022 21:31:23 Instrument ID: LC812
Lims ID: 460-262714-A-3-C MSD
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

28 N-methylperfluorooctanesulfonami, CAS: 2355-31-9

Signal: 1

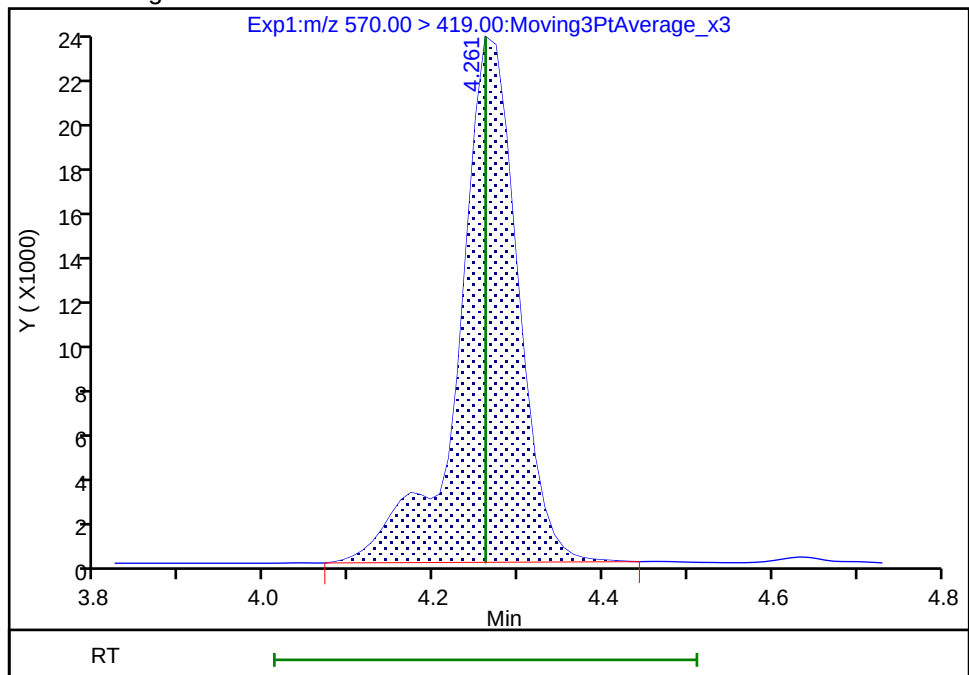
RT: 4.26
Area: 104937
Amount: 0.913056
Amount Units: ng/ml

Processing Integration Results



RT: 4.26
Area: 115801
Amount: 1.007584
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:02:28

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

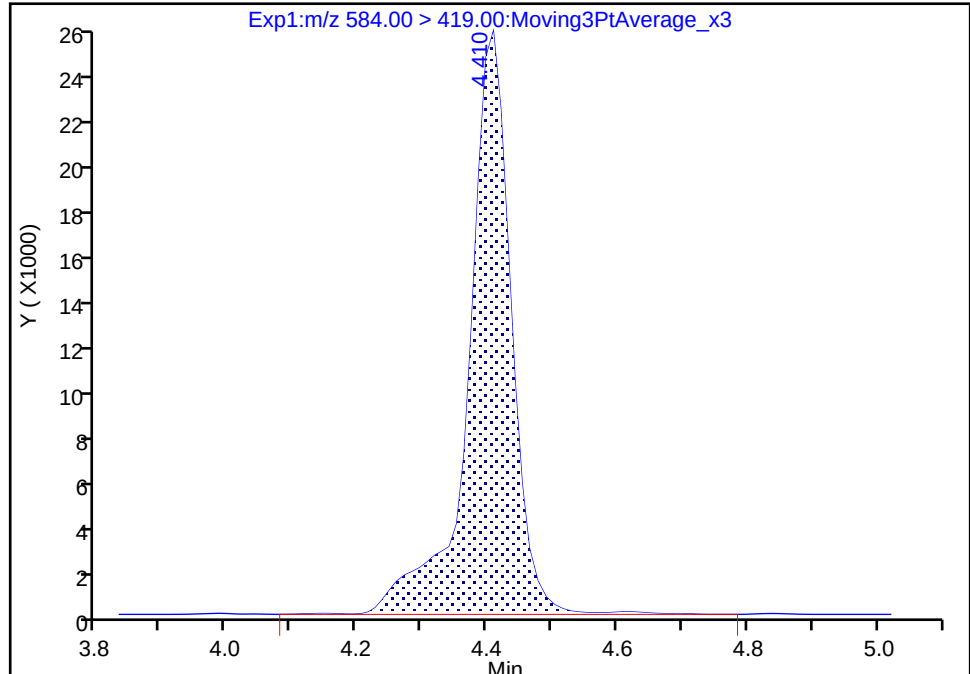
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D08.d
Injection Date: 04-Aug-2022 21:31:23 Instrument ID: LC812
Lims ID: 460-262714-A-3-C MSD
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

33 N-ethylperfluorooctanesulfonamid, CAS: 2991-50-6

Signal: 1

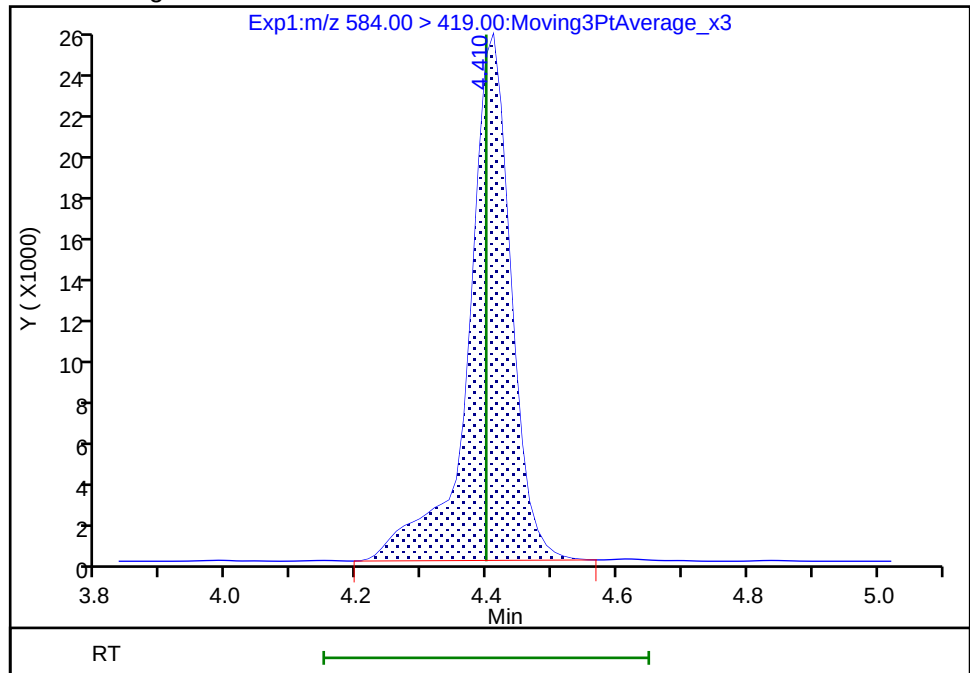
RT: 4.41
Area: 115918
Amount: 1.061127
Amount Units: ng/ml

Processing Integration Results



RT: 4.41
Area: 114423
Amount: 1.047442
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:58:50
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

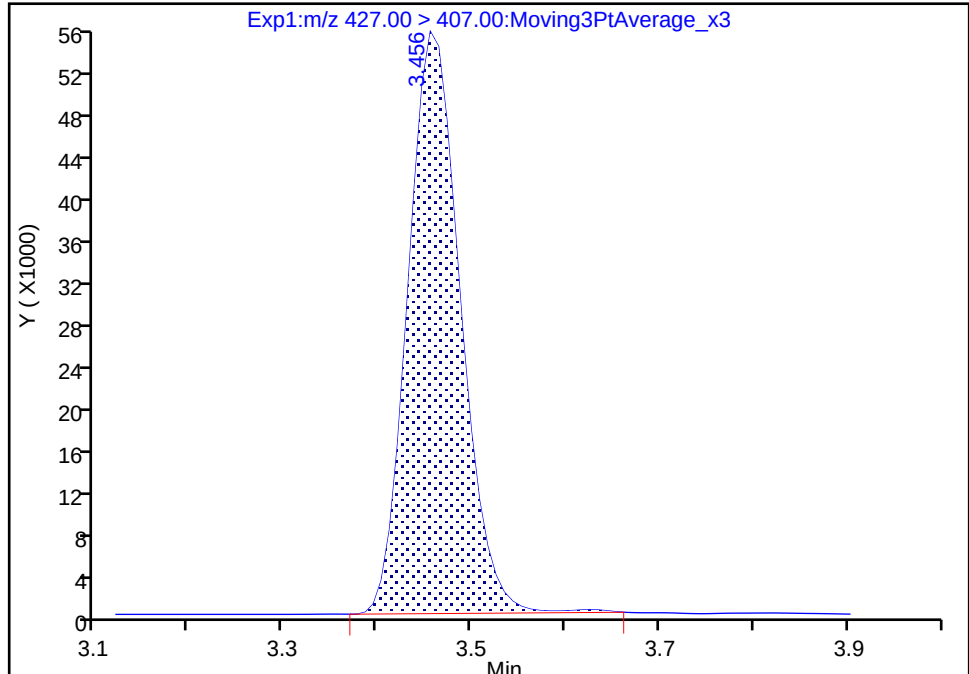
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D08.d
Injection Date: 04-Aug-2022 21:31:23 Instrument ID: LC812
Lims ID: 460-262714-A-3-C MSD
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

13 1H,1H,2H,2H-perfluorooctanesulfo, CAS: 27619-97-2

Signal: 1

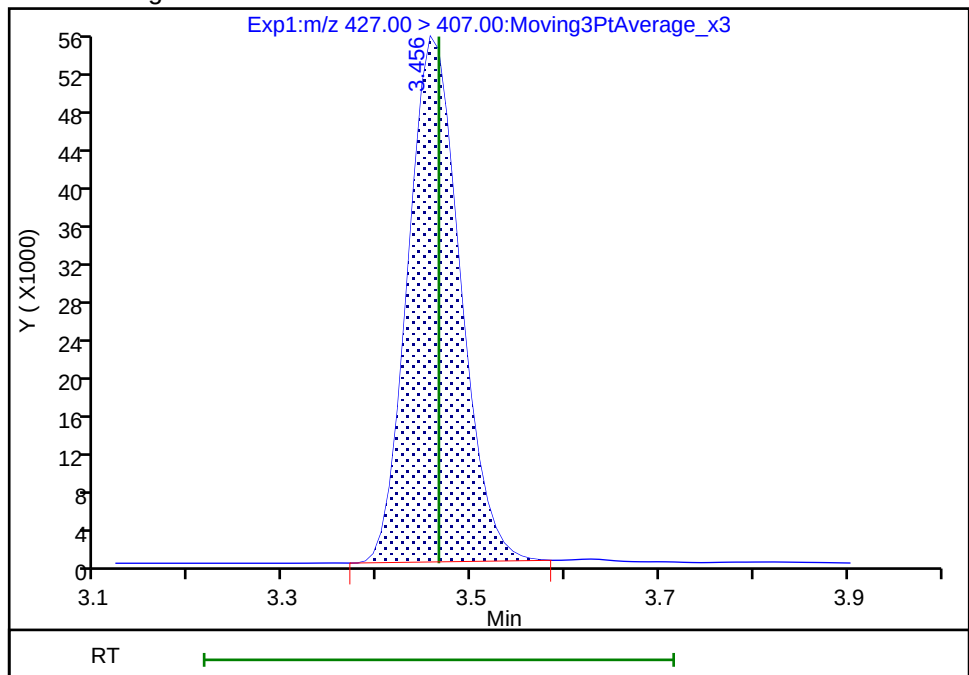
RT: 3.46
Area: 216761
Amount: 1.074567
Amount Units: ng/ml

Processing Integration Results



RT: 3.46
Area: 214950
Amount: 1.065448
Amount Units: ng/ml

Manual Integration Results



Reviewer: khanphomeea, 05-Aug-2022 12:01:15

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D08.d

Injection Date: 04-Aug-2022 21:31:23

Instrument ID: LC812

Lims ID: 460-262714-A-3-C MSD

Client ID: RI-SB-06_13-15_20220727

Operator ID: lc812tech

ALS Bottle#: 8 Worklist Smp#: 8

Injection Vol: 20.0 ul

Dil. Factor: 1.0000

Method: PFC_LC812

Limit Group: LC_PFC_ICAL

Column: C-18 (4.60 mm)

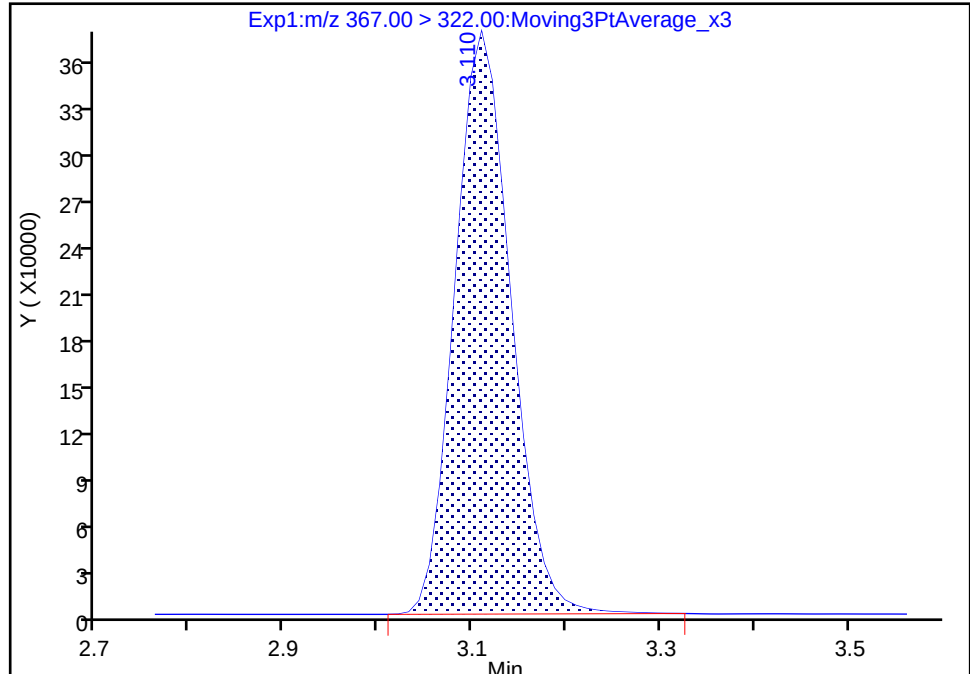
Detector: EXP1

D 9 13C4 PFHpA, CAS: STL01892

Signal: 1

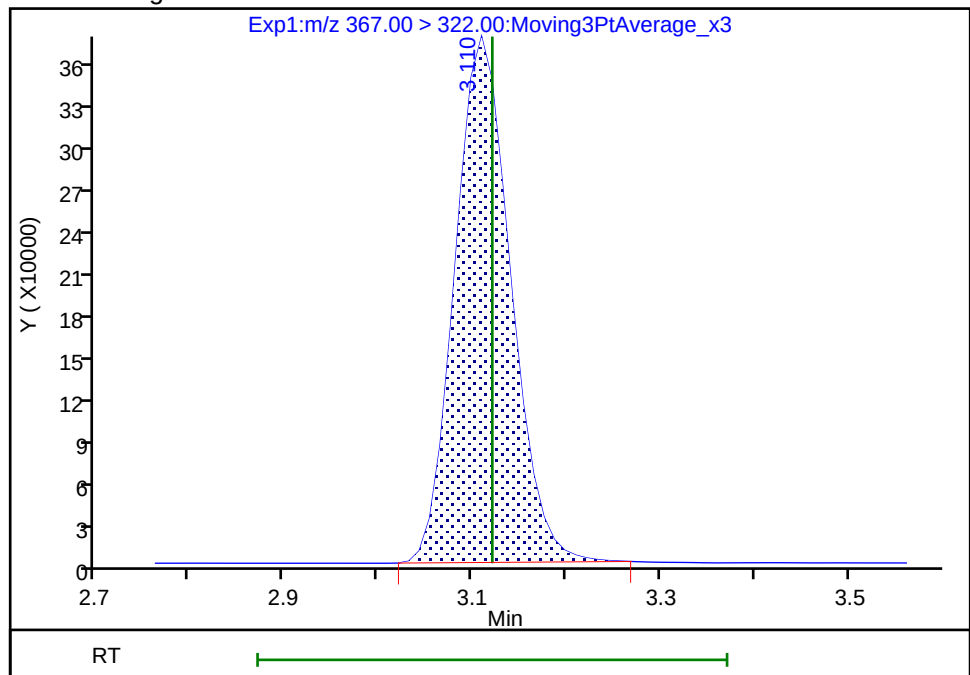
RT: 3.11
Area: 1563723
Amount: 1.209199
Amount Units: ng/ml

Processing Integration Results



RT: 3.11
Area: 1555752
Amount: 1.209027
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:56:20

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

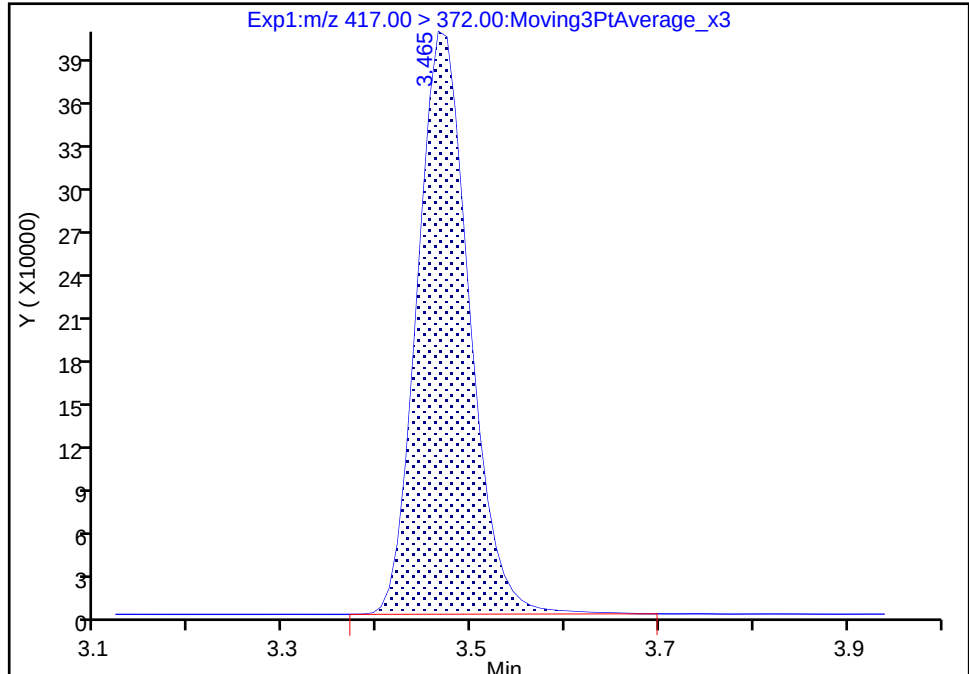
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D08.d
Injection Date: 04-Aug-2022 21:31:23 Instrument ID: LC812
Lims ID: 460-262714-A-3-C MSD
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 14 13C4 PFOA, CAS: STL00990

Signal: 1

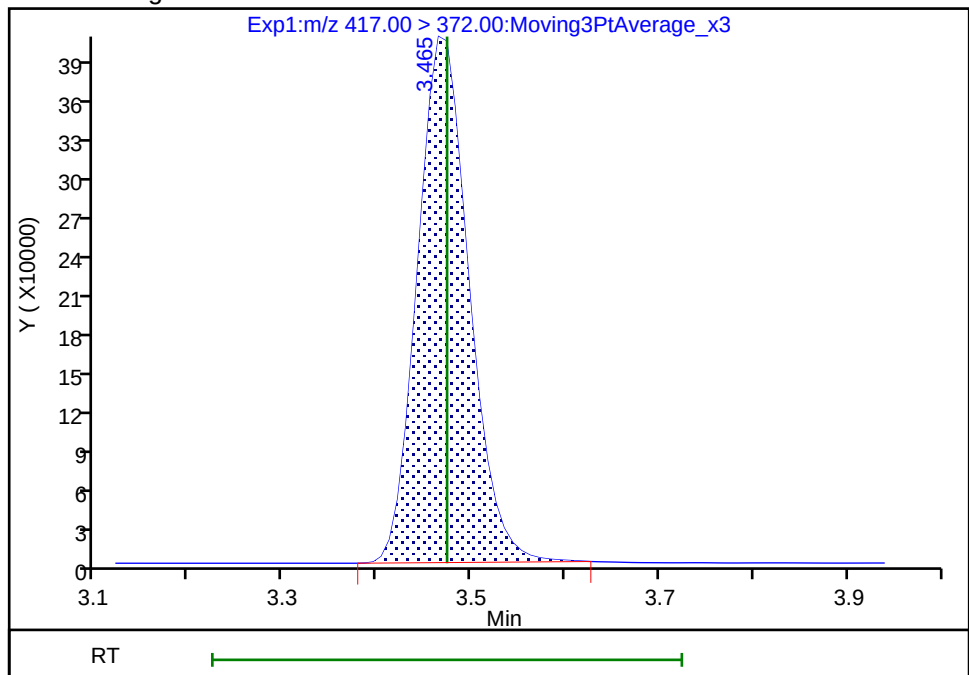
RT: 3.46
Area: 1566265
Amount: 1.181989
Amount Units: ng/ml

Processing Integration Results



RT: 3.46
Area: 1556835
Amount: 1.180725
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:57:08
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

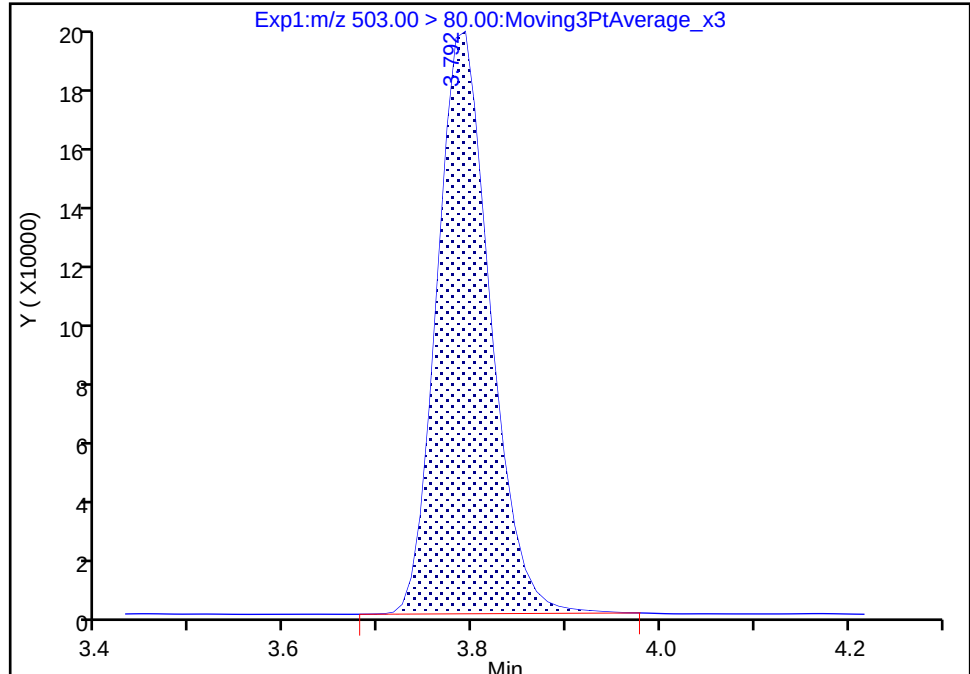
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D08.d
Injection Date: 04-Aug-2022 21:31:23 Instrument ID: LC812
Lims ID: 460-262714-A-3-C MSD
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 18 13C4 PFOS, CAS: STL00991

Signal: 1

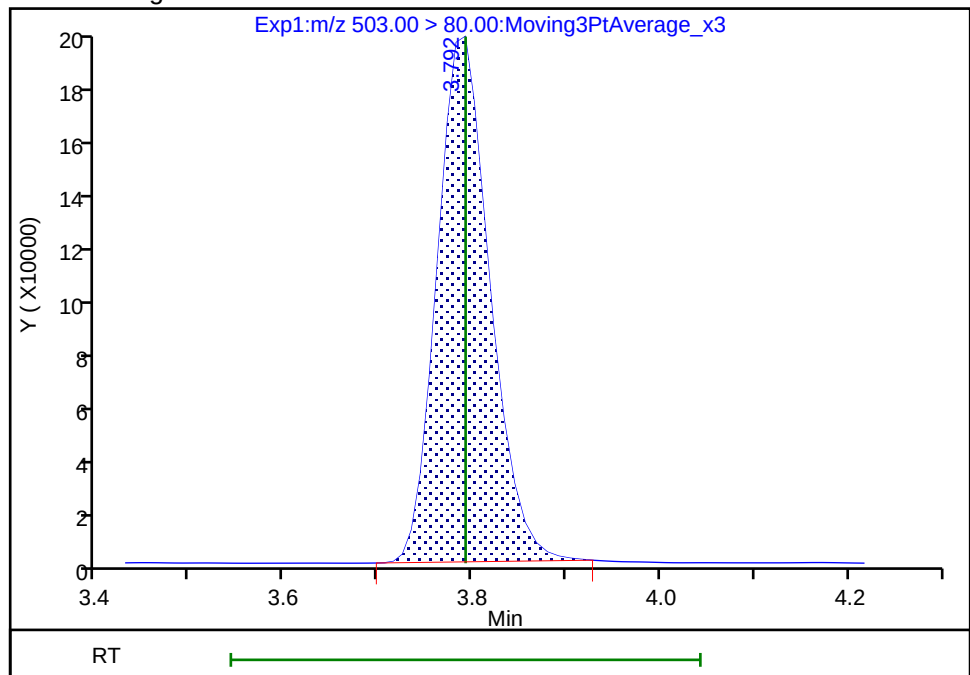
RT: 3.79
Area: 756794
Amount: 1.002299
Amount Units: ng/ml

Processing Integration Results



RT: 3.79
Area: 750767
Amount: 0.994317
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:57:28
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

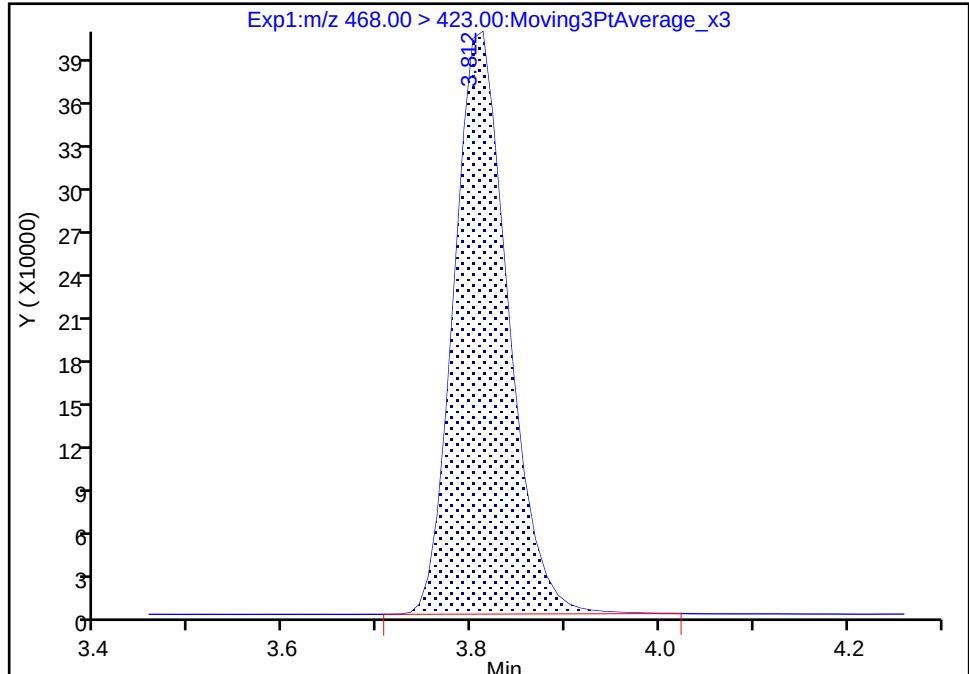
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Injection Date: 04-Aug-2022 21:31:23 Instrument ID: LC812
Lims ID: 460-262714-A-3-C MSD
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 19 13C5 PFNA, CAS: STL00995

Signal: 1

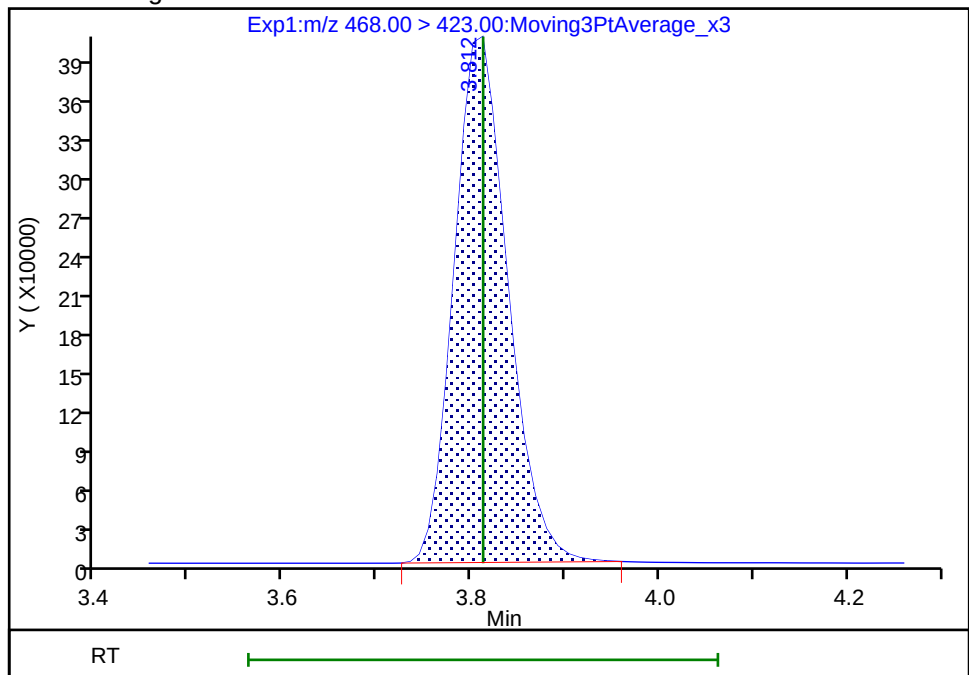
RT: 3.81
Area: 1612735
Amount: 1.178141
Amount Units: ng/ml

Processing Integration Results



RT: 3.81
Area: 1604704
Amount: 1.172274
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:57:50
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

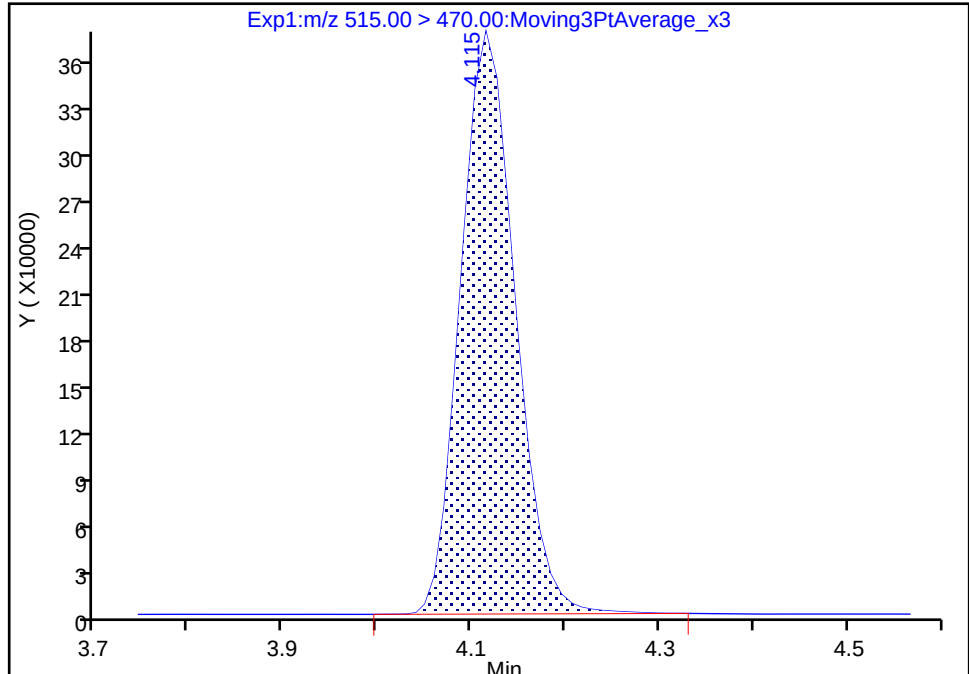
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Injection Date: 04-Aug-2022 21:31:23 Instrument ID: LC812
Lims ID: 460-262714-A-3-C MSD
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 23 13C2 PFDA, CAS: STL00996

Signal: 1

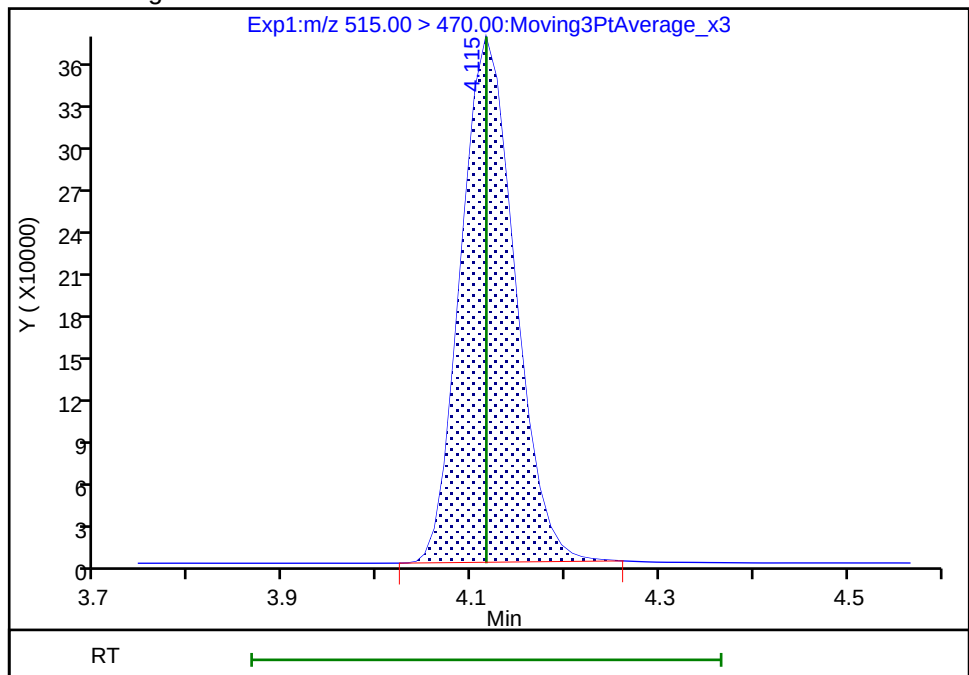
RT: 4.12
Area: 1510503
Amount: 1.133805
Amount Units: ng/ml

Processing Integration Results



RT: 4.12
Area: 1500169
Amount: 1.126048
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:58:06
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

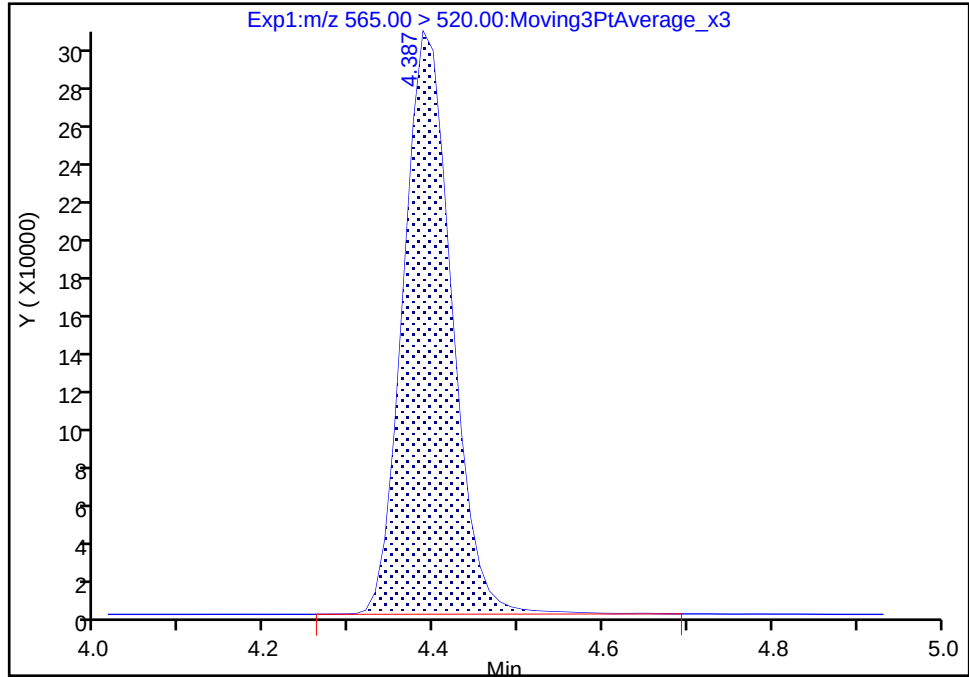
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Injection Date: 04-Aug-2022 21:31:23 Instrument ID: LC812
Lims ID: 460-262714-A-3-C MSD
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 30 13C2 PFUnA, CAS: STL00997

Signal: 1

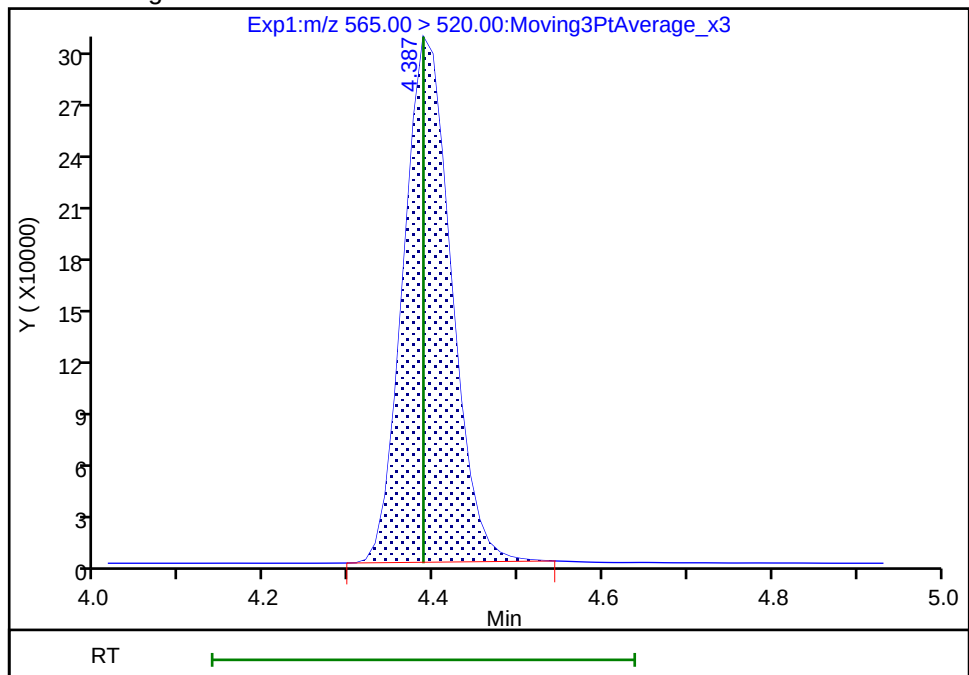
RT: 4.39
Area: 1189396
Amount: 1.178308
Amount Units: ng/ml

Processing Integration Results



RT: 4.39
Area: 1177150
Amount: 1.166176
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:58:38
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

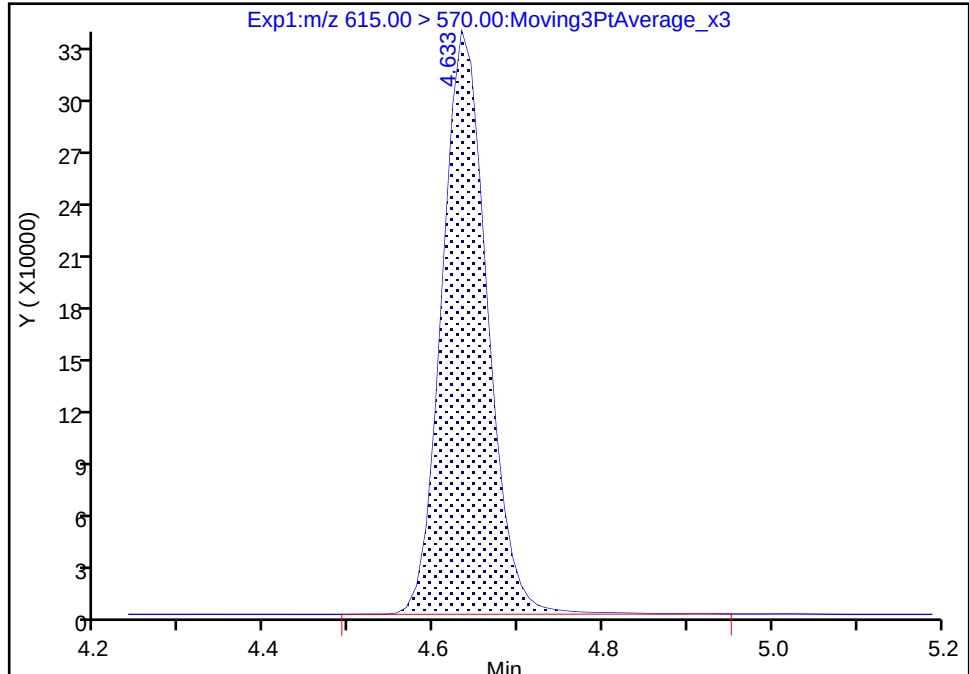
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D08.d
Injection Date: 04-Aug-2022 21:31:23 Instrument ID: LC812
Lims ID: 460-262714-A-3-C MSD
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 36 13C2 PFD_oA, CAS: STL00998

Signal: 1

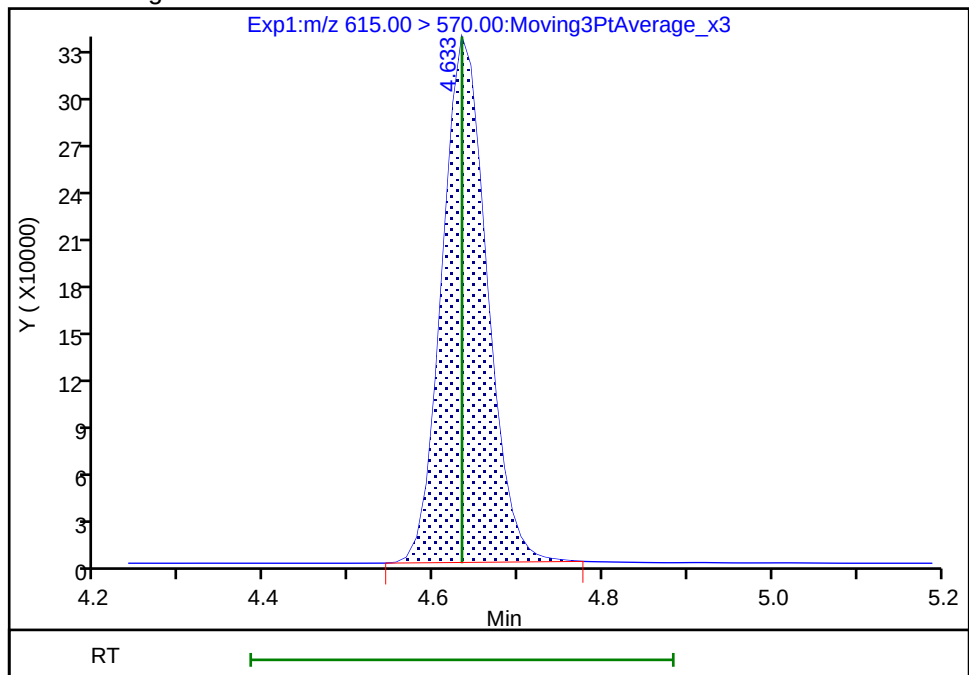
RT: 4.63
Area: 1247366
Amount: 1.192519
Amount Units: ng/ml

Processing Integration Results



RT: 4.63
Area: 1235835
Amount: 1.181495
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:59:00
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Burlington

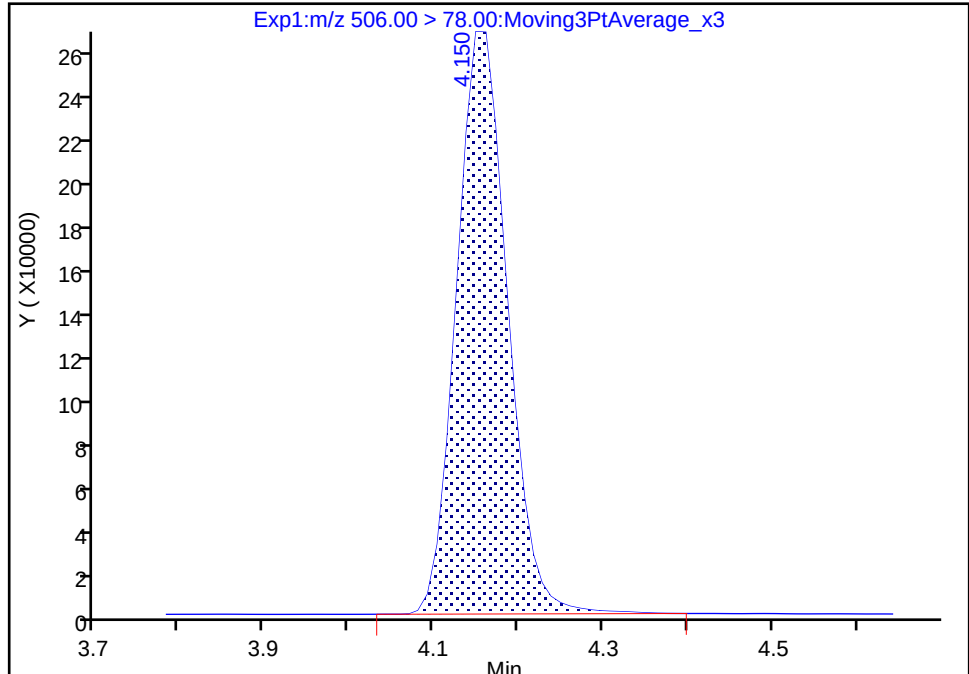
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Injection Date: 04-Aug-2022 21:31:23 Instrument ID: LC812
Lims ID: 460-262714-A-3-C MSD
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

D 21 13C8 FOSA, CAS: STL01056

Signal: 1

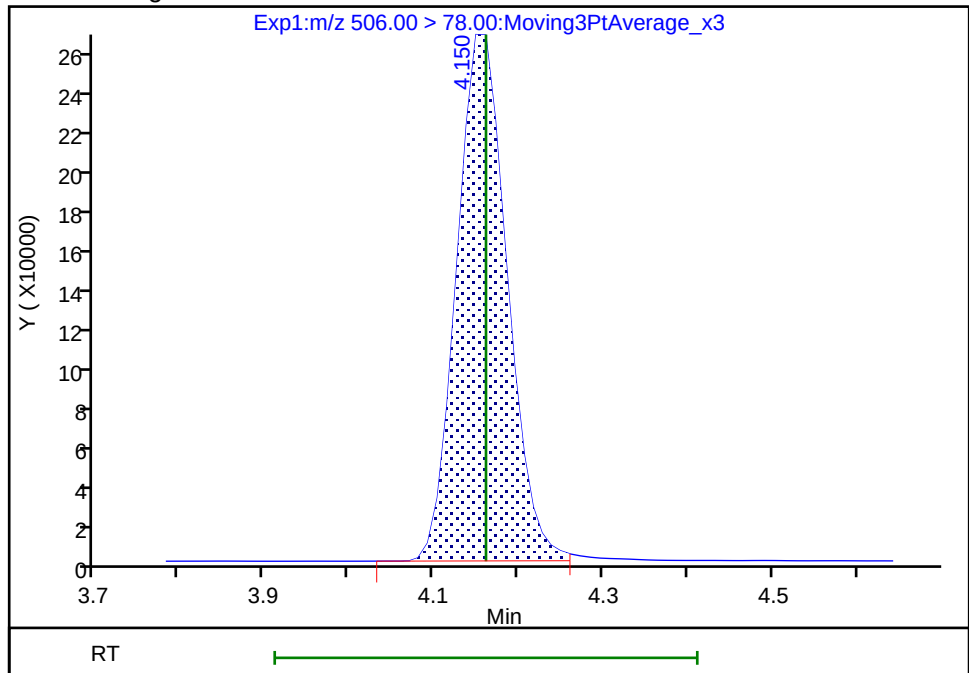
RT: 4.15
Area: 1110567
Amount: 0.952449
Amount Units: ng/ml

Processing Integration Results



RT: 4.15
Area: 1102868
Amount: 0.945846
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:58:16
Audit Action: Manually Integrated

Audit Reason: Incomplete Integration
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Eurofins Burlington

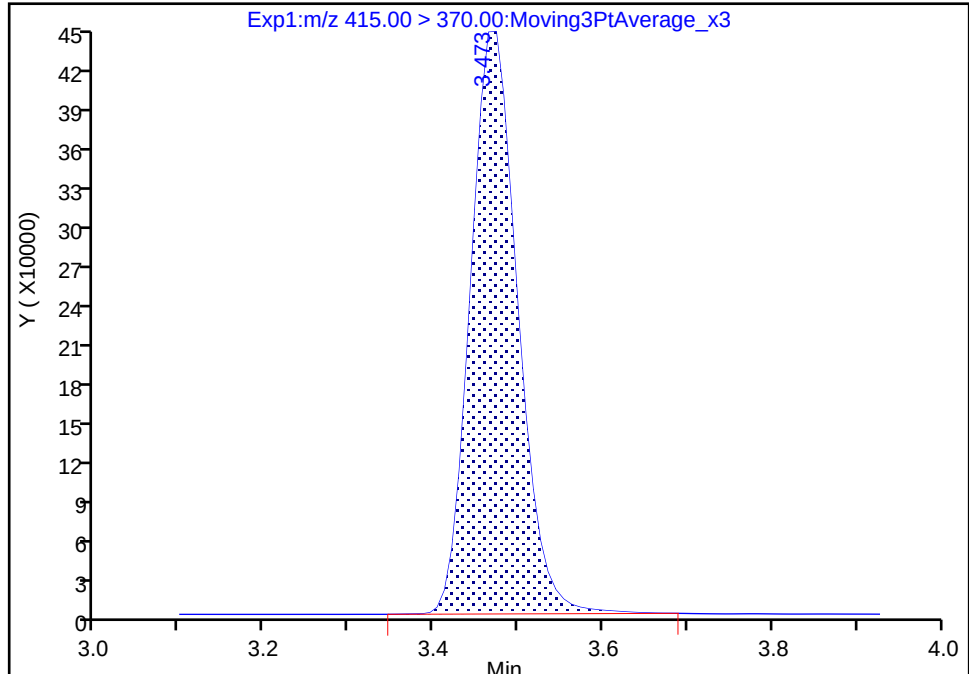
Data File: \\chromfs\Burlington\ChromData\LC812\20220804-51964.b\PA220804D08.d
Injection Date: 04-Aug-2022 21:31:23 Instrument ID: LC812
Lims ID: 460-262714-A-3-C MSD
Client ID: RI-SB-06_13-15_20220727
Operator ID: lc812tech ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 20.0 ul Dil. Factor: 1.0000
Method: PFC_LC812 Limit Group: LC_PFC_ICAL
Column: C-18 (4.60 mm) Detector: EXP1

* 62 13C2 PFOA, CAS: STL00623

Signal: 1

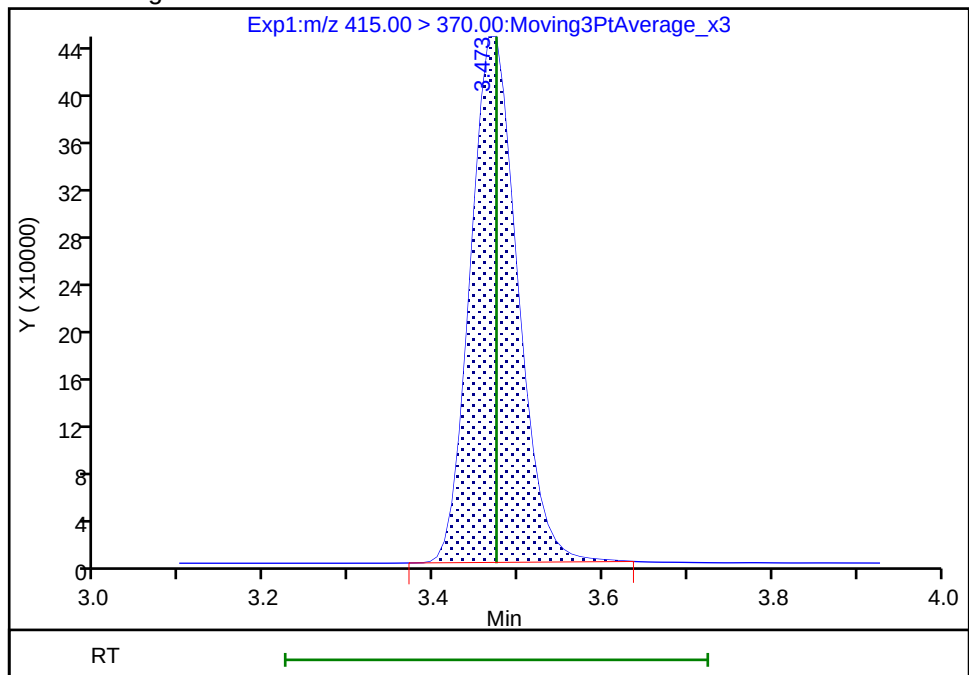
RT: 3.47
Area: 1738934
Amount: 1.250000
Amount Units: ng/ml

Processing Integration Results



RT: 3.47
Area: 1730316
Amount: 1.250000
Amount Units: ng/ml

Manual Integration Results



Reviewer: FDT7, 08-Aug-2022 09:57:17

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

PFAS ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 460-262853-1

SDG No.: _____

Instrument ID: LC812 Start Date: 08/03/2022 12:27

Analysis Batch Number: 182319 End Date: 08/03/2022 14:05

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		08/03/2022 12:27	1		C-18 4.6 (mm)
ZZZZZ		08/03/2022 12:35	1		C-18 4.6 (mm)
ZZZZZ		08/03/2022 12:43	1		C-18 4.6 (mm)
ZZZZZ		08/03/2022 12:52	1		C-18 4.6 (mm)
IC 200-182319/5		08/03/2022 13:00	1	PA220803ICAL05. d	C-18 4.6 (mm)
IC 200-182319/6		08/03/2022 13:08	1	PA220803ICAL06. d	C-18 4.6 (mm)
IC 200-182319/7		08/03/2022 13:16	1	PA220803ICAL07. d	C-18 4.6 (mm)
ICIS 200-182319/8		08/03/2022 13:24	1	PA220803ICAL08. d	C-18 4.6 (mm)
IC 200-182319/9		08/03/2022 13:33	1	PA220803ICAL09. d	C-18 4.6 (mm)
IC 200-182319/10		08/03/2022 13:41	1	PA220803ICAL10. d	C-18 4.6 (mm)
ICB 200-182319/11		08/03/2022 13:49	1	PA220803ICAL11. d	C-18 4.6 (mm)
ICV 200-182319/12		08/03/2022 13:57	1	PA220803ICAL12. d	C-18 4.6 (mm)
ZZZZZ		08/03/2022 14:05	1		C-18 4.6 (mm)

PFAS ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 460-262853-1

SDG No.: _____

Instrument ID: LC812 Start Date: 08/04/2022 10:36

Analysis Batch Number: 182364 End Date: 08/04/2022 13:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		08/04/2022 10:36	1		C-18 4.6 (mm)
ZZZZZ		08/04/2022 10:44	1		C-18 4.6 (mm)
ZZZZZ		08/04/2022 10:52	1		C-18 4.6 (mm)
CCB 200-182364/4		08/04/2022 11:01	1	PA220804A04.d	C-18 4.6 (mm)
CCVLIS 200-182364/5		08/04/2022 11:09	1	PA220804A05.d	C-18 4.6 (mm)
ZZZZZ		08/04/2022 11:17	20		C-18 4.6 (mm)
ZZZZZ		08/04/2022 11:25	10		C-18 4.6 (mm)
ZZZZZ		08/04/2022 11:33	5		C-18 4.6 (mm)
ZZZZZ		08/04/2022 11:42	1		C-18 4.6 (mm)
ZZZZZ		08/04/2022 11:50	1		C-18 4.6 (mm)
ZZZZZ		08/04/2022 11:58	1		C-18 4.6 (mm)
ZZZZZ		08/04/2022 12:06	1		C-18 4.6 (mm)
ZZZZZ		08/04/2022 12:14	1		C-18 4.6 (mm)
ZZZZZ		08/04/2022 12:22	1		C-18 4.6 (mm)
CCV 200-182364/15		08/04/2022 12:31	1		C-18 4.6 (mm)
ZZZZZ		08/04/2022 12:39	5		C-18 4.6 (mm)
ZZZZZ		08/04/2022 12:47	1		C-18 4.6 (mm)
ZZZZZ		08/04/2022 12:55	1		C-18 4.6 (mm)
ZZZZZ		08/04/2022 13:03	1		C-18 4.6 (mm)
ZZZZZ		08/04/2022 13:12	1		C-18 4.6 (mm)
ZZZZZ		08/04/2022 13:20	1		C-18 4.6 (mm)
ZZZZZ		08/04/2022 13:28	1		C-18 4.6 (mm)
ZZZZZ		08/04/2022 13:36	1		C-18 4.6 (mm)
ZZZZZ		08/04/2022 13:44	1		C-18 4.6 (mm)
CCV 200-182364/25		08/04/2022 13:52	1		C-18 4.6 (mm)

PFAS ANALYSIS RUN LOG

Lab Name: Eurofins Burlington Job No.: 460-262853-1
 SDG No.: _____
 Instrument ID: LC812 Start Date: 08/04/2022 20:34
 Analysis Batch Number: 182390 End Date: 08/04/2022 23:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCV 200-182390/1		08/04/2022 20:34	1	PA220804D01.d	C-18 4.6 (mm)
MB 200-182357/1-A		08/04/2022 20:42	1	PA220804D02.d	C-18 4.6 (mm)
LCS 200-182357/2-A		08/04/2022 20:50	1	PA220804D03.d	C-18 4.6 (mm)
ZZZZZ		08/04/2022 20:58	1		C-18 4.6 (mm)
ZZZZZ		08/04/2022 21:06	1		C-18 4.6 (mm)
ZZZZZ		08/04/2022 21:15	1		C-18 4.6 (mm)
460-262714-A-3-B MS		08/04/2022 21:23	1	PA220804D07.d	C-18 4.6 (mm)
460-262714-A-3-C MSD		08/04/2022 21:31	1	PA220804D08.d	C-18 4.6 (mm)
ZZZZZ		08/04/2022 21:39	1		C-18 4.6 (mm)
ZZZZZ		08/04/2022 21:47	1		C-18 4.6 (mm)
ZZZZZ		08/04/2022 21:56	5		C-18 4.6 (mm)
ZZZZZ		08/04/2022 22:04	1		C-18 4.6 (mm)
ZZZZZ		08/04/2022 22:12	1		C-18 4.6 (mm)
ZZZZZ		08/04/2022 22:20	1		C-18 4.6 (mm)
ZZZZZ		08/04/2022 22:28	10		C-18 4.6 (mm)
CCV 200-182390/16		08/04/2022 22:36	1	PA220804D16.d	C-18 4.6 (mm)
ZZZZZ		08/04/2022 22:45	1		C-18 4.6 (mm)
ZZZZZ		08/04/2022 22:53	1		C-18 4.6 (mm)
ZZZZZ		08/04/2022 23:01	1		C-18 4.6 (mm)
ZZZZZ		08/04/2022 23:09	1		C-18 4.6 (mm)
460-262853-1	BCS-21-05 P (4-4.5)	08/04/2022 23:17	1	PA220804D21.d	C-18 4.6 (mm)
460-262853-2	BCS-21-06 P (4-4.5)	08/04/2022 23:26	1	PA220804D22.d	C-18 4.6 (mm)
460-262853-3	BCS-21-07 P (4-4.5)	08/04/2022 23:34	1	PA220804D23.d	C-18 4.6 (mm)
460-262853-4	BCS-21-08 P (4-4.5)	08/04/2022 23:42	1	PA220804D24.d	C-18 4.6 (mm)
CCV 200-182390/25		08/04/2022 23:50	1	PA220804D25.d	C-18 4.6 (mm)

PFAS BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 460-262853-1

SDG No.: _____

Batch Number: 182319 Batch Start Date: 08/03/22 12:27 Batch Analyst: Dean, NathanBatch Method: 537 (modified) Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	LCPFAS28NCICV 00009	PFAS32NCBLK20 00021	PFAS32NCIC1 00013	PFAS32NCIC2 00012	PFAS32NCIC3 00014	PFAS32NCIC4 00033
IC 200-182319/5		537 (modified)				100 uL			
IC 200-182319/6		537 (modified)					100 uL		
IC 200-182319/7		537 (modified)						100 uL	
ICIS 200-182319/8		537 (modified)							100 uL
IC 200-182319/9		537 (modified)							
IC 200-182319/10		537 (modified)							
ICB 200-182319/11		537 (modified)			100 uL				
ICV 200-182319/12		537 (modified)		100 uL					

Lab Sample ID	Client Sample ID	Method Chain	Basis	PFAS32NCIC5 00028	PFAS32NCIC6 00012				
IC 200-182319/5		537 (modified)							
IC 200-182319/6		537 (modified)							
IC 200-182319/7		537 (modified)							
ICIS 200-182319/8		537 (modified)							
IC 200-182319/9		537 (modified)		100 uL					
IC 200-182319/10		537 (modified)			100 uL				
ICB 200-182319/11		537 (modified)							
ICV 200-182319/12		537 (modified)							

Batch Notes	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

537 (modified)

Page 1 of 2

PFAS BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 460-262853-1

SDG No.: _____

Batch Number: 182319 Batch Start Date: 08/03/22 12:27 Batch Analyst: Dean, Nathan

Batch Method: 537 (modified) Batch End Date: _____

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

537 (modified)

PFAS BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 460-262853-1

SDG No.: _____

Batch Number: 182357 Batch Start Date: 08/04/22 08:35 Batch Analyst: Wisniewski, Kurtis FBatch Method: SHAKE Batch End Date: 08/04/22 16:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	LCPFC32MTXStk 00045	LCPFIDA21_spk 00004	PFAS21 IS Stk 00045	
MB 200-182357/1		SHAKE, 537 (modified)		5.00 g	10 mL		100 uL	100 uL	
LCS 200-182357/2		SHAKE, 537 (modified)		5.00 g	10 mL	25 uL	100 uL	100 uL	
460-262714-A-3 MS		SHAKE, 537 (modified)	T	5.03 g	10 mL	25 uL	100 uL	100 uL	
460-262714-A-3 MSD		SHAKE, 537 (modified)	T	5.11 g	10 mL	25 uL	100 uL	100 uL	
460-262853-A-1	BCS-21-05 P (4-4.5)	SHAKE, 537 (modified)	T	5.08 g	10 mL		100 uL	100 uL	
460-262853-A-2	BCS-21-06 P (4-4.5)	SHAKE, 537 (modified)	T	5.14 g	10 mL		100 uL	100 uL	
460-262853-A-3	BCS-21-07 P (4-4.5)	SHAKE, 537 (modified)	T	5.29 g	10 mL		100 uL	100 uL	
460-262853-A-4	BCS-21-08 P (4-4.5)	SHAKE, 537 (modified)	T	5.00 g	10 mL		100 uL	100 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

537 (modified)

Page 1 of 2

PFAS BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 460-262853-1

SDG No.: _____

Batch Number: 182357 Batch Start Date: 08/04/22 08:35 Batch Analyst: Wisniewski, Kurtis FBatch Method: SHAKE Batch End Date: 08/04/22 16:30

Batch Notes	
Balance ID	M02926
Blank Sand Lot #	1535274
Analyst ID - Reagent Drop Witness	NDD
SPE Cartridge Lot ID	Sorbent Lot: M04041/1252 Product Lot: D03036
SPE Cartridge Type	Phenomenex Strata PFAS (WAX/GCB), 500mg/50mg/6mL
Hexane ID	30% MeOH in DI Water: 1636747
Methanol ID	218262
Ammonium Hydroxide/MeOH ID	1635899
Sodium Hydroxide ID	1628666
Methanolic Potassium Hydroxide ID	1629505
Manifold ID	IDA 1, IDA 2
Acetic Acid ID	1453517
pH Indicator ID	20D1211
Pipette/Syringe/Dispenser ID	QH777727
Analyst ID - IS Reagent Drop	EK
Analyst ID - IS Reagent Drop Witness	CMS
Internal Standard ID	1618459
Analyst ID - Aliquot Step	EK
Analyst ID - Final Volume Step	EK
Sonication Start Time	08/04/2022 09:45
Sonication Stop Time	08/04/2022 12:45
Centrifuge Tube ID	352070
QC Bottle Lot ID	LOT0400401G
Batch Comment	IDA:E MTX:D IS:B

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PFAS BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 460-262853-1

SDG No.: _____

Batch Number: 182364 Batch Start Date: 08/04/22 10:36 Batch Analyst: Dean, NathanBatch Method: 537 (modified) Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Basis	PFAS32NCBLK20 00021	PFAS32NCLOQV 00022				
CCB 200-182364/4		537 (modified)		100 uL					
CCVLIS 200-182364/5		537 (modified)			100 uL				

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

537 (modified)

Page 1 of 1

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins Burlington Job Number: 460-262853-1

SDG No.: _____

Project: Taconic Inwood Lot 21

Client Sample ID	Lab Sample ID
<u>BCS-21-05 P (4-4.5)</u>	<u>460-262853-1</u>
<u>BCS-21-06 P (4-4.5)</u>	<u>460-262853-2</u>
<u>BCS-21-07 P (4-4.5)</u>	<u>460-262853-3</u>
<u>BCS-21-08 P (4-4.5)</u>	<u>460-262853-4</u>

Comments:

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Burlington Job Number: 460-262853-1
SDG Number: _____
Matrix: Solid Instrument ID: NOEQUIP
Method: Moisture RL Date: 04/01/2009 07:55

Analyte	Wavelength/ Mass	RL (%)	
Percent Solids		0.1	

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Burlington Job No.: 460-262853-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 08/03/2022 16:46 End Date: 08/03/2022 16:46

[illegible]

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Burlington Job No.: 460-262853-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 08/03/2022 16:46 End Date: 08/03/2022 16:46

[illegible]

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Burlington Job No.: 460-262853-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 08/03/2022 16:46 End Date: 08/03/2022 16:46

[illegible]

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Burlington Job No.: 460-262853-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 08/03/2022 16:46 End Date: 08/03/2022 16:46

[illegible]

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Burlington Job No.: 460-262853-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 08/03/2022 16:46 End Date: 08/03/2022 16:46

[illegible]

Prep Types

$$T = \text{Total}/NA$$

General Chemistry Raw Data Report

Job ID: 460-262853-1

Batch: 182338
Method: Moisture

Analyst Initials: RWM
Instrument: No Equipment

Lab Sample ID: 460-262853-A-1

Analysis Date: Aug 03, 2022 16:46

Analyte	Detector	Dilution	Raw Result	Unit
Percent Solids	None	1	77.8443113772455	%

Lab Sample ID: 460-262853-A-2

Analysis Date: Aug 03, 2022 16:46

Analyte	Detector	Dilution	Raw Result	Unit
Percent Solids	None	1	76.9385699899295	%

Lab Sample ID: 460-262853-A-3

Analysis Date: Aug 03, 2022 16:46

Analyte	Detector	Dilution	Raw Result	Unit
Percent Solids	None	1	91.8558077436582	%

Lab Sample ID: 460-262853-A-4

Analysis Date: Aug 03, 2022 16:46

Analyte	Detector	Dilution	Raw Result	Unit
Percent Solids	None	1	89.6551724137931	%

Lab Sample ID: 460-262853-A-4 DU

Analysis Date: Aug 03, 2022 16:46

Analyte	Detector	Dilution	Raw Result	Unit
Percent Solids	None	1	89.1016200294551	%

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Burlington Job No.: 460-262853-1

SDG No.: _____

Batch Number: 182338 Batch Start Date: 08/03/22 16:46 Batch Analyst: McNabb, Robert WBatch Method: Moisture Batch End Date: 08/04/22 09:47

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry	%_Moisture	%_Solid	
460-262853-A-1	BCS-21-05 P (4-4.5)	Moisture	T	1.00 g	7.68 g	6.20 g	22.155688622754 5 %	77.844311377245 5 %	
460-262853-A-2	BCS-21-06 P (4-4.5)	Moisture	T	0.98 g	10.91 g	8.62 g	23.061430010070 5 %	76.938569989929 5 %	
460-262853-A-3	BCS-21-07 P (4-4.5)	Moisture	T	1.00 g	8.49 g	7.88 g	8.1441922563418 %	91.855807743658 2 %	
460-262853-A-4	BCS-21-08 P (4-4.5)	Moisture	T	1.00 g	9.41 g	8.54 g	10.344827586206 9 %	89.655172413793 1 %	
460-262853-A-4 DU	BCS-21-08 P (4-4.5)	Moisture	T	1.00 g	7.79 g	7.05 g	10.898379970544 9 %	89.101620029455 1 %	

Batch Notes	
Balance ID	M78711
Oven ID	WC OVEN #2
Thermometer ID	328 (CF=0)
Date samples were placed in the oven	08/03/2022
Time samples were place in the oven	16:46
Temperature - Start - Uncorrected	109 Degrees C
Oven Temp In	109 Degrees C
Date samples were removed from oven	08/04/2022
Time Samples were removed from oven	08:46
Temperature - End - Uncorrected	106 Degrees C
Oven Temp Out	106 Degrees C
Date and Time Samples in Desiccator	08/04/2022 08:46
Date and Time Samples out of Desiccator	08/04/2022 09:01

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Moisture

Page 1 of 1

Subcontract Data

Shipping and Receiving Documents

Client Information Client Contact: Ms. Valerie Sabatasso Company: Roux Environmental Eng & Geology DPC Address: 209 Shafter St City: Islandia State, Zip: NY, 11749 Phone: 2477.0008Y003 Email: vsabatasso@rouxinc.com Project Name: Taconic Inwood Site: Lot 21		Sampler: Jack Rush Phone: 845-905-6286 Lab PM: Haas, Melissa E-Mail: Melissa.Haas@et-leurofinsus.com State of Origin: NY Page: 1 of 1 Job #:		Due Date Requested: TAT Requested (days): 5 DAYS Compliance Project: ☐ Yes ☒ No PO #: 2477.0008Y003 WO #: 410 W 207th St, New York, NY Project #: 46026799 SSOW#:		Sample Identification BCS-21-05 P(4-4.5) BCS-21-06 P(4-4.5) BCS-21-07 P(4-4.5) BCS-21-08 P(4-4.5)		Sample Date 7/28/22 7/28/22 7/28/22 7/28/27		Sample Time 1335 1345 1355 1405		Sample Type (C=Comp, G=grab) G G G G		Matrix (W=water, S=solid, O=wastefoil, B1-Tissue, A=Air) S S S S		Field Filtered Sample (Yes or No) ☒		Perform MS/MSD (Yes or No) ☒		PFC/IDA - PFAS, Standard List (21 analytes) ☒		Total Number of Containers 1 1 1 1		Special Instructions/Note: SUB WORK		Preservation Codes: A - HCL B - NaOH C - Zn Acetate D - Nitric Acid E - NaHSO4 F - MeOH G - Amchlor H - Ascorbic Acid I - Ice J - DI Water K - EDTA L - EDA Other:		M - Hexane N - None O - AsNaO2 P - Na2O4S Q - Na2SO3 R - Na2S2O3 S - H2SO4 T - TSP Dodecahydrate U - Acetone V - MCAA W - pH 4-5 Z - other (specify)	
Possible Hazard Identification ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological Deliverable Requested: I, II, III, IV, Other (specify) NY CAT B																													
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return To Client ☐ Disposal By Lab ☐ Archive For Months																													
Special Instructions/QC Requirements:																													
Empty Kit Relinquished by: Date: 1520 7/28/22 Company: Roux Relinquished by: Date: 07/28/22 16:00 Company: TA NYC Relinquished by: Date: 2457 800 Company: TA NYC																													
Relinquished by: Date: 07/28/22 17:00 Company: TA NYC Relinquished by: Date: 2457 800 Company: TA NYC																													
Custody Seal No.: A Yes A No																													

Job Number:

202853

Number of Coolers:

IR Gun #

9

Cooler Temperatures

RAW		CORRECTED	RAW		CORRECTED
Cooler #1:	22	24	Cooler #4:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C
			Cooler #7:	°C	°C
			Cooler #8:	°C	°C
			Cooler #9:	°C	°C

[illegible]

If pH adjustments are required record the information below:

Sample No(s). adjusted:

Preservative Name/Conc.:

Lot # of Preservative(s):

Expiration Date:

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted. Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

Initials:

2

Date:

72922

Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

'ofins

Environment Testing
America

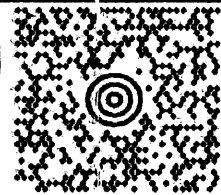
[illegible]

KENNETH RIVERA
9083615236
EUROFINS EDISON
777 NEW DURHAM ROAD
EDISON NJ 08817

50 LBS

1 OF 1

SHIP TO:
SAMPLE RECEIVING
8026551203
EUROFINS BURLINGTON
530 COMMUNITY DRIVE
SOUTH BURLINGTON VT 05403



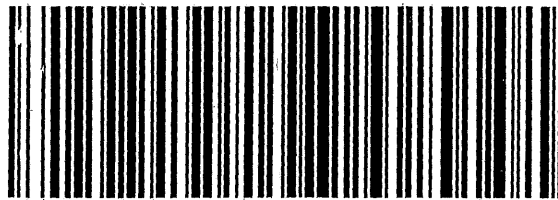
VT 054 0-02



UPS NEXT DAY AIR

TRACKING #: 1Z 73R 91R 01 9500 7932

1



BILLING: P/P



TM

XBL 22.08.04 NV45 32.0A 07/2022*

Login Sample Receipt Checklist

Client: Roux Environmental Eng & Geology DPC

Job Number: 460-262853-1

Login Number: 262853

List Number: 1

Creator: Sgro, Angela M

List Source: Eurofins Edison

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: Roux Environmental Eng & Geology DPC

Job Number: 460-262853-1

Login Number: 262853
List Number: 2
Creator: Cunningham, Caroline R

List Source: Eurofins Burlington
List Creation: 08/03/22 02:03 PM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	1501753
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	1.7°C
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	Received project as a subcontract.
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	