



**Groundwater Sample Results,
Combined Level 2 and Level 4 Laboratory Report,
Electronic Data Deliverable, Data Validation Report,
and the Sample Location Report, SDG 1800859**

*Naval Weapons Industrial Reserve Plant Bethpage
Bethpage, New York*

August 2019



May 30, 2018

Vista Work Order No. 1800859

Ms. Kristi Francisco
Tetra Tech
5700 Lake Wright Drive, Suite 309
Norfolk, VA 23502

Dear Ms. Francisco,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on May 02, 2018. This sample set was analyzed on a standard turn-around time, under your Project Name '112G08005-WE09'.

Vista Analytical Laboratory is committed to serving you effectively. If you require additional information, please contact me at 916-673-1520 or by email at mmaier@vista-analytical.com.

Thank you for choosing Vista as part of your analytical support team.

Sincerely,

A handwritten signature in black ink that reads "Martha Maier". The signature is fluid and cursive, with the first and last names clearly distinguishable.

Martha Maier
Laboratory Director



Vista Analytical Laboratory certifies that the report herein meets all the requirements set forth by NELAP for those applicable test methods. Results relate only to the samples as received by the laboratory. This report should not be reproduced except in full without the written approval of Vista.

Vista Work Order No. 1800859

Case Narrative

Sample Condition on Receipt:

Four surface water samples were received in good condition and within the method temperature requirements. The samples were received and stored securely in accordance with Vista standard operating procedures and EPA methodology.

Analytical Notes:

PFAS Isotope Dilution Method

The samples were extracted and analyzed for a selected list of PFAS using the PFAS Isotope Dilution Method (Modified EPA Method 537).

Holding Times

The samples were extracted and analyzed within the method hold times.

Quality Control

The Initial Calibration and Continuing Calibration Verifications met the method acceptance criteria.

A Method Blank and Laboratory Control Sample (LCS)/Laboratory Control Sample Duplicate (LCSD) were extracted and analyzed with the preparation batch. No analytes were detected in the Method Blank above 1/2 of the LOQ concentrations. The LCS/LCSD recoveries were within the acceptance criteria.

The labeled standard recoveries outside the acceptance criteria are listed in the table below.

QC Anomalies

LabNumber	SampleName	Analysis	Analyte	Flag	%Rec
1800859-01	BP-MH-SW4001-South-20180501	PFAS Isotope Dilution Method	13C8-PFOSA	H	49.4
1800859-03	BP-DUP06-20180501	PFAS Isotope Dilution Method	13C8-PFOSA	H	48.2
1800859-04	BP-EB04-20180501	PFAS Isotope Dilution Method	13C8-PFOSA	H	44.3

H = Recovery was outside laboratory acceptance criteria.

I _____, as the designated Quality Assurance Officer, hereby attest that all electronic deliverables have been thoroughly reviewed and are in agreement with the associated hardcopy data. The enclosed electronic files have been reviewed for accuracy (including significant figures), completeness and format. The laboratory will be responsible for any labor time necessary to correct enclosed electronic deliverables that have been found to be in error. I can be reached at _____ if there are any questions or problems with the enclosed electronic deliverables.

Signature: _____ Title: _____ Date: _____

Revision 8
ISG
08/10/10

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Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
1800859-01	BP-MH-SW4001-South-20180501	01-May-18 07:50	02-May-18 10:02	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
1800859-02	BP-TT-SW4002-20180501	01-May-18 08:30	02-May-18 10:02	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
1800859-03	BP-DUP06-20180501	01-May-18 12:00	02-May-18 10:02	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
1800859-04	BP-EB04-20180501	01-May-18 10:40	02-May-18 10:02	HDPE Bottle, 250 mL HDPE Bottle, 250 mL

ANALYTICAL RESULTS

Sample ID: Method Blank

PFAS Isotope Dilution Method

Client Data			Matrix:			Laboratory Data												
Name:	Tetra Tech		Aqueous			Lab Sample:	B8E0075-BLK1	Column:	BEH C18									
Project:	112G08005-WE09																	
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution							
PFBA	375-22-4	ND	1.37	2.50	4.00	U	B8E0075	11-May-18	0.250 L	28-May-18 02:35	1							
PFPeA	2706-90-3	ND	1.37	2.50	4.00	U	B8E0075	11-May-18	0.250 L	28-May-18 02:35	1							
PFBS	375-73-5	ND	1.37	2.50	4.00	U	B8E0075	11-May-18	0.250 L	28-May-18 02:35	1							
PFHxA	307-24-4	ND	1.37	2.50	4.00	U	B8E0075	11-May-18	0.250 L	28-May-18 02:35	1							
PFHpA	375-85-9	ND	1.37	2.50	4.00	U	B8E0075	11-May-18	0.250 L	28-May-18 02:35	1							
PFHxS	355-46-4	ND	1.37	2.50	4.00	U	B8E0075	11-May-18	0.250 L	28-May-18 02:35	1							
6:2 FTS	27619-97-2	ND	1.37	2.50	4.00	U	B8E0075	11-May-18	0.250 L	28-May-18 02:35	1							
PFOA	335-67-1	ND	1.37	2.50	4.00	U	B8E0075	11-May-18	0.250 L	28-May-18 02:35	1							
PFHpS	375-92-8	ND	1.37	2.50	4.00	U	B8E0075	11-May-18	0.250 L	28-May-18 02:35	1							
PFOS	1763-23-1	ND	1.37	2.50	4.00	U	B8E0075	11-May-18	0.250 L	28-May-18 02:35	1							
PFNA	375-95-1	ND	1.37	2.50	4.00	U	B8E0075	11-May-18	0.250 L	28-May-18 02:35	1							
PFDA	335-76-2	ND	1.37	2.50	4.00	U	B8E0075	11-May-18	0.250 L	28-May-18 02:35	1							
8:2 FTS	39108-34-4	ND	1.37	2.50	4.00	U	B8E0075	11-May-18	0.250 L	28-May-18 02:35	1							
PFOSA	754-91-6	ND	1.37	2.50	4.00	U	B8E0075	11-May-18	0.250 L	28-May-18 02:35	1							
MeFOSAA	2355-31-9	ND	1.37	2.50	4.00	U	B8E0075	11-May-18	0.250 L	28-May-18 02:35	1							
PFDS	335-77-3	ND	1.37	2.50	4.00	U	B8E0075	11-May-18	0.250 L	28-May-18 02:35	1							
PFUnA	2058-94-8	ND	1.37	2.50	4.00	U	B8E0075	11-May-18	0.250 L	28-May-18 02:35	1							
EtFOSAA	2991-50-6	ND	1.37	2.50	4.00	U	B8E0075	11-May-18	0.250 L	28-May-18 02:35	1							
PFDoA	307-55-1	ND	1.37	2.50	4.00	U	B8E0075	11-May-18	0.250 L	28-May-18 02:35	1							
PFTtDA	72629-94-8	ND	1.37	2.50	4.00	U	B8E0075	11-May-18	0.250 L	28-May-18 02:35	1							
PFTeDA	376-06-7	ND	1.37	2.50	4.00	U	B8E0075	11-May-18	0.250 L	28-May-18 02:35	1							
Labeled Standards			% Recovery		Limits		Qualifiers		Batch		Extracted		Samp Size		Analyzed		Dilution	
13C3-PFBA			IS		93.2		50 - 150		B8E0075		11-May-18		0.250 L		28-May-18 02:35		1	
13C3-PFPeA			IS		93.5		50 - 150		B8E0075		11-May-18		0.250 L		28-May-18 02:35		1	
13C3-PFBS			IS		101		50 - 150		B8E0075		11-May-18		0.250 L		28-May-18 02:35		1	
13C2-PFHxA			IS		98.3		50 - 150		B8E0075		11-May-18		0.250 L		28-May-18 02:35		1	
13C4-PFHpA			IS		106		50 - 150		B8E0075		11-May-18		0.250 L		28-May-18 02:35		1	
18O2-PFHxS			IS		81.4		50 - 150		B8E0075		11-May-18		0.250 L		28-May-18 02:35		1	
13C2-PFOA			IS		95.8		50 - 150		B8E0075		11-May-18		0.250 L		28-May-18 02:35		1	
13C8-PFOS			IS		97.0		50 - 150		B8E0075		11-May-18		0.250 L		28-May-18 02:35		1	
13C5-PFNA			IS		89.3		50 - 150		B8E0075		11-May-18		0.250 L		28-May-18 02:35		1	
13C2-PFDA			IS		91.8		50 - 150		B8E0075		11-May-18		0.250 L		28-May-18 02:35		1	
13C8-PFOA			IS		50.7		50 - 150		B8E0075		11-May-18		0.250 L		28-May-18 02:35		1	
d3-MeFOSAA			IS		73.0		50 - 150		B8E0075		11-May-18		0.250 L		28-May-18 02:35		1	

Sample ID: Method Blank				PFAS Isotope Dilution Method						
Client Data		Laboratory Data								
Name:	Tetra Tech	Matrix:	Aqueous	Lab Sample:	B8E0075-BLK1	Column:	BEH C18			
Project:	112G08005-WE09									
Labeled Standards		Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFUnA		IS	73.1	50 - 150		B8E0075	11-May-18	0.250 L	28-May-18 02:35	1
d5-EtFOSAA		IS	76.7	50 - 150		B8E0075	11-May-18	0.250 L	28-May-18 02:35	1
13C2-PFDaA		IS	90.8	50 - 150		B8E0075	11-May-18	0.250 L	28-May-18 02:35	1
13C2-PFTeDA		IS	72.2	50 - 150		B8E0075	11-May-18	0.250 L	28-May-18 02:35	1

DL - Detection Limit LOD - Limit of Detection LCL-UCL- Lower control limit - upper control limit When reported, PFHxS, PFOA and PFOS include both linear and branched isomers.
 LOQ - Limit of quantitation Results reported to the DL. Only the linear isomer is reported for all other analytes.

Sample ID: LCSD			PFAS Isotope Dilution Method									
Name: Tetra Tech Project: 112G08005-WE09 Matrix: Aqueous			Lab Sample: B8E0075-BS1/B8E0075-BSDI QC Batch: B8E0075 Samp Size: 0.250/0.250 L									
			LCS		LCS		LCS		LCS		LCS	
			% Rec		% Rec		Analyzed		Dil		Analyzed	
			Type		Limits		Quals		Dil		Dil	
Labeled Standards												
d5-EtFOSAA			IS		50-150		28-May-18 02:14		1		28-May-18 02:25	
13C2-PFDoA			IS		50-150		28-May-18 02:14		1		28-May-18 02:25	
13C2-PFTeDA			IS		50-150		28-May-18 02:14		1		28-May-18 02:25	

Sample ID: BP-MH-SW4001-South-20180501										PFAS Isotope Dilution Method				
Client Data				Laboratory Data										
Name: Tetra Tech		Matrix: Surface Water		Lab Sample: 1800859-01		Column: BEH C18								
Project: 112G08005-WE09		Date Collected: 01-May-18 07:50		Date Received: 02-May-18 10:02										
Location: SW4001														
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution			
PFBA	375-22-4	17.0	1.36	2.47	3.96		B8E0075	11-May-18	0.253 L	28-May-18 04:51	1			
PFPeA	2706-90-3	39.3	1.36	2.47	3.96		B8E0075	11-May-18	0.253 L	28-May-18 04:51	1			
PFBS	375-73-5	2.01	1.36	2.47	3.96	J	B8E0075	11-May-18	0.253 L	28-May-18 04:51	1			
PFHxA	307-24-4	30.2	1.36	2.47	3.96		B8E0075	11-May-18	0.253 L	28-May-18 04:51	1			
PFHpA	375-85-9	18.5	1.36	2.47	3.96		B8E0075	11-May-18	0.253 L	28-May-18 04:51	1			
PFHxS	355-46-4	4.95	1.36	2.47	3.96		B8E0075	11-May-18	0.253 L	28-May-18 04:51	1			
6:2 FTS	27619-97-2	16.0	1.36	2.47	3.96		B8E0075	11-May-18	0.253 L	28-May-18 04:51	1			
PFOA	335-67-1	19.5	1.36	2.47	3.96		B8E0075	11-May-18	0.253 L	28-May-18 04:51	1			
PFHpS	375-92-8	ND	1.36	2.47	3.96	U	B8E0075	11-May-18	0.253 L	28-May-18 04:51	1			
PFOS	1763-23-1	14.5	1.36	2.47	3.96		B8E0075	11-May-18	0.253 L	28-May-18 04:51	1			
PFNA	375-95-1	7.96	1.36	2.47	3.96		B8E0075	11-May-18	0.253 L	28-May-18 04:51	1			
PFDA	335-76-2	1.50	1.36	2.47	3.96	J	B8E0075	11-May-18	0.253 L	28-May-18 04:51	1			
8:2 FTS	39108-34-4	6.07	1.36	2.47	3.96		B8E0075	11-May-18	0.253 L	28-May-18 04:51	1			
PFOSA	754-91-6	ND	1.36	2.47	3.96	U	B8E0075	11-May-18	0.253 L	28-May-18 04:51	1			
MeFOSAA	2355-31-9	ND	1.36	2.47	3.96	U	B8E0075	11-May-18	0.253 L	28-May-18 04:51	1			
PFDS	335-77-3	ND	1.36	2.47	3.96	U	B8E0075	11-May-18	0.253 L	28-May-18 04:51	1			
PFUnA	2058-94-8	1.65	1.36	2.47	3.96	J	B8E0075	11-May-18	0.253 L	28-May-18 04:51	1			
EtFOSAA	2991-50-6	ND	1.36	2.47	3.96	U	B8E0075	11-May-18	0.253 L	28-May-18 04:51	1			
PFDoA	307-55-1	ND	1.36	2.47	3.96	U	B8E0075	11-May-18	0.253 L	28-May-18 04:51	1			
PFTtDA	72629-94-8	ND	1.36	2.47	3.96	U	B8E0075	11-May-18	0.253 L	28-May-18 04:51	1			
PFTeDA	376-06-7	ND	1.36	2.47	3.96	U	B8E0075	11-May-18	0.253 L	28-May-18 04:51	1			
Labeled Standards	Type	% Recovery		Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution			
13C3-PFBA	IS	93.2		50 - 150			B8E0075	11-May-18	0.253 L	28-May-18 04:51	1			
13C3-PFPeA	IS	92.9		50 - 150			B8E0075	11-May-18	0.253 L	28-May-18 04:51	1			
13C3-PFBS	IS	131		50 - 150			B8E0075	11-May-18	0.253 L	28-May-18 04:51	1			
13C2-PFHxA	IS	95.9		50 - 150			B8E0075	11-May-18	0.253 L	28-May-18 04:51	1			
13C4-PFHpA	IS	102		50 - 150			B8E0075	11-May-18	0.253 L	28-May-18 04:51	1			
18O2-PFHxS	IS	87.9		50 - 150			B8E0075	11-May-18	0.253 L	28-May-18 04:51	1			
13C2-PFOA	IS	95.3		50 - 150			B8E0075	11-May-18	0.253 L	28-May-18 04:51	1			
13C8-PFOS	IS	90.9		50 - 150			B8E0075	11-May-18	0.253 L	28-May-18 04:51	1			
13C5-PFNA	IS	86.7		50 - 150			B8E0075	11-May-18	0.253 L	28-May-18 04:51	1			
13C2-PFDA	IS	73.4		50 - 150			B8E0075	11-May-18	0.253 L	28-May-18 04:51	1			
13C8-PFOA	IS	49.4		50 - 150		H	B8E0075	11-May-18	0.253 L	28-May-18 04:51	1			
d3-MeFOSAA	IS	85.9		50 - 150			B8E0075	11-May-18	0.253 L	28-May-18 04:51	1			

Sample ID: BP-MH-SW4001-South-20180501					PFAS Isotope Dilution Method					
Client Data			Laboratory Data							
Name:	Tetra Tech	Matrix:	Surface Water	Lab Sample:	1800859-01	Column:	BEH C18			
Project:	112G08005-WE09	Date Collected:	01-May-18 07:50	Date Received:	02-May-18 10:02					
Location:	SW4001									
Labeled Standards		Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFUnA		IS	74.1	50 - 150		B8E0075	11-May-18	0.253 L	28-May-18 04:51	1
d5-EtFOSAA		IS	92.0	50 - 150		B8E0075	11-May-18	0.253 L	28-May-18 04:51	1
13C2-PFDoA		IS	67.7	50 - 150		B8E0075	11-May-18	0.253 L	28-May-18 04:51	1
13C2-PFTeDA		IS	73.6	50 - 150		B8E0075	11-May-18	0.253 L	28-May-18 04:51	1

DL - Detection Limit LOD - Limit of Detection LCL-UCL- Lower control limit - upper control limit When reported, PFHxS, PFOA and PFOS include both linear and branched isomers.
 LOQ - Limit of quantitation Results reported to the DL. Only the linear isomer is reported for all other analytes.

Sample ID: BP-TT-SW4002-20180501

PFAS Isotope Dilution Method

Client Data			Laboratory Data									
Name:	Tetra Tech	Matrix:	Surface Water		Lab Sample:	1800859-02	Column:	BEH C18				
Project:	112G08005-WE09	Date Collected:	01-May-18 08:30		Date Received:	02-May-18 10:02						
Location:	SW4002											
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
PFBA	375-22-4	15.9	1.33	2.42	3.88		B8E0075	11-May-18	0.258 L	28-May-18 05:02	1	
PFPeA	2706-90-3	37.9	1.33	2.42	3.88		B8E0075	11-May-18	0.258 L	28-May-18 05:02	1	
PFBS	375-73-5	2.14	1.33	2.42	3.88	J	B8E0075	11-May-18	0.258 L	28-May-18 05:02	1	
PFHxA	307-24-4	28.9	1.33	2.42	3.88		B8E0075	11-May-18	0.258 L	28-May-18 05:02	1	
PFHpA	375-85-9	21.7	1.33	2.42	3.88		B8E0075	11-May-18	0.258 L	28-May-18 05:02	1	
PFHxS	355-46-4	4.90	1.33	2.42	3.88		B8E0075	11-May-18	0.258 L	28-May-18 05:02	1	
6:2 FTS	27619-97-2	16.0	1.33	2.42	3.88		B8E0075	11-May-18	0.258 L	28-May-18 05:02	1	
PFOA	335-67-1	21.4	1.33	2.42	3.88		B8E0075	11-May-18	0.258 L	28-May-18 05:02	1	
PFHpS	375-92-8	ND	1.33	2.42	3.88	U	B8E0075	11-May-18	0.258 L	28-May-18 05:02	1	
PFOS	1763-23-1	19.0	1.33	2.42	3.88		B8E0075	11-May-18	0.258 L	28-May-18 05:02	1	
PFNA	375-95-1	9.45	1.33	2.42	3.88		B8E0075	11-May-18	0.258 L	28-May-18 05:02	1	
PFDA	335-76-2	1.48	1.33	2.42	3.88	J	B8E0075	11-May-18	0.258 L	28-May-18 05:02	1	
8:2 FTS	39108-34-4	8.77	1.33	2.42	3.88		B8E0075	11-May-18	0.258 L	28-May-18 05:02	1	
PFOSA	754-91-6	ND	1.33	2.42	3.88	U	B8E0075	11-May-18	0.258 L	28-May-18 05:02	1	
MeFOSAA	2355-31-9	ND	1.33	2.42	3.88	U	B8E0075	11-May-18	0.258 L	28-May-18 05:02	1	
PFDS	335-77-3	ND	1.33	2.42	3.88	U	B8E0075	11-May-18	0.258 L	28-May-18 05:02	1	
PFUnA	2058-94-8	2.54	1.33	2.42	3.88	J	B8E0075	11-May-18	0.258 L	28-May-18 05:02	1	
EtFOSAA	2991-50-6	ND	1.33	2.42	3.88	U	B8E0075	11-May-18	0.258 L	28-May-18 05:02	1	
PFDoA	307-55-1	ND	1.33	2.42	3.88	U	B8E0075	11-May-18	0.258 L	28-May-18 05:02	1	
PFTtDA	72629-94-8	ND	1.33	2.42	3.88	U	B8E0075	11-May-18	0.258 L	28-May-18 05:02	1	
PFTeDA	376-06-7	ND	1.33	2.42	3.88	U	B8E0075	11-May-18	0.258 L	28-May-18 05:02	1	
Labeled Standards			% Recovery		Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBA	IS	97.1	50 - 150		50 - 150			B8E0075	11-May-18	0.258 L	28-May-18 05:02	1
13C3-PFPeA	IS	94.0	50 - 150		50 - 150			B8E0075	11-May-18	0.258 L	28-May-18 05:02	1
13C3-PFBS	IS	127	50 - 150		50 - 150			B8E0075	11-May-18	0.258 L	28-May-18 05:02	1
13C2-PFHxA	IS	101	50 - 150		50 - 150			B8E0075	11-May-18	0.258 L	28-May-18 05:02	1
13C4-PFHpA	IS	89.8	50 - 150		50 - 150			B8E0075	11-May-18	0.258 L	28-May-18 05:02	1
18O2-PFHxS	IS	92.3	50 - 150		50 - 150			B8E0075	11-May-18	0.258 L	28-May-18 05:02	1
13C2-PFOA	IS	85.7	50 - 150		50 - 150			B8E0075	11-May-18	0.258 L	28-May-18 05:02	1
13C8-PFOS	IS	99.6	50 - 150		50 - 150			B8E0075	11-May-18	0.258 L	28-May-18 05:02	1
13C5-PFNA	IS	82.0	50 - 150		50 - 150			B8E0075	11-May-18	0.258 L	28-May-18 05:02	1
13C2-PFDA	IS	77.0	50 - 150		50 - 150			B8E0075	11-May-18	0.258 L	28-May-18 05:02	1
13C8-PFOA	IS	61.7	50 - 150		50 - 150			B8E0075	11-May-18	0.258 L	28-May-18 05:02	1
d3-MeFOSAA	IS	93.8	50 - 150		50 - 150			B8E0075	11-May-18	0.258 L	28-May-18 05:02	1

Sample ID: BP-TT-SW4002-20180501					PFAS Isotope Dilution Method					
Client Data			Laboratory Data							
Name:	Tetra Tech	Matrix:	Surface Water	Lab Sample:	1800859-02	Column:	BEH C18			
Project:	112G08005-WE09	Date Collected:	01-May-18 08:30	Date Received:	02-May-18 10:02					
Location:	SW4002									
Labeled Standards		Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFUnA		IS	82.0	50 - 150		B8E0075	11-May-18	0.258 L	28-May-18 05:02	1
d5-EtFOSAA		IS	96.5	50 - 150		B8E0075	11-May-18	0.258 L	28-May-18 05:02	1
13C2-PFDoA		IS	86.3	50 - 150		B8E0075	11-May-18	0.258 L	28-May-18 05:02	1
13C2-PFTeDA		IS	71.0	50 - 150		B8E0075	11-May-18	0.258 L	28-May-18 05:02	1

DL - Detection Limit LOD - Limit of Detection LCL-UCL- Lower control limit - upper control limit When reported, PFHxS, PFOA and PFOS include both linear and branched isomers.
 LOQ - Limit of quantitation Results reported to the DL. Only the linear isomer is reported for all other analytes.

Sample ID: BP-DUP06-20180501										PFAS Isotope Dilution Method											
Client Data				Laboratory Data																	
Name: Tetra Tech		Matrix: Surface Water		Lab Sample: 1800859-03		Column: BEH C18															
Project: 112G08005-WE09		Date Collected: 01-May-18 12:00		Date Received: 02-May-18 10:02																	
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution										
PFBA	375-22-4	16.4	1.30	2.37	3.79		B8E0075	11-May-18	0.264 L	28-May-18 05:12	1										
PFPeA	2706-90-3	37.8	1.30	2.37	3.79		B8E0075	11-May-18	0.264 L	28-May-18 05:12	1										
PFBS	375-73-5	2.22	1.30	2.37	3.79	J	B8E0075	11-May-18	0.264 L	28-May-18 05:12	1										
PFHxA	307-24-4	29.1	1.30	2.37	3.79		B8E0075	11-May-18	0.264 L	28-May-18 05:12	1										
PFHpA	375-85-9	20.1	1.30	2.37	3.79		B8E0075	11-May-18	0.264 L	28-May-18 05:12	1										
PFHxS	355-46-4	4.81	1.30	2.37	3.79		B8E0075	11-May-18	0.264 L	28-May-18 05:12	1										
6:2 FTS	27619-97-2	15.9	1.30	2.37	3.79		B8E0075	11-May-18	0.264 L	28-May-18 05:12	1										
PFOA	335-67-1	20.0	1.30	2.37	3.79		B8E0075	11-May-18	0.264 L	28-May-18 05:12	1										
PFHpS	375-92-8	ND	1.30	2.37	3.79	U	B8E0075	11-May-18	0.264 L	28-May-18 05:12	1										
PFOS	1763-23-1	16.1	1.30	2.37	3.79		B8E0075	11-May-18	0.264 L	28-May-18 05:12	1										
PFNA	375-95-1	8.71	1.30	2.37	3.79		B8E0075	11-May-18	0.264 L	28-May-18 05:12	1										
PFDA	335-76-2	ND	1.30	2.37	3.79	U	B8E0075	11-May-18	0.264 L	28-May-18 05:12	1										
8:2 FTS	39108-34-4	7.59	1.30	2.37	3.79		B8E0075	11-May-18	0.264 L	28-May-18 05:12	1										
PFOSA	754-91-6	ND	1.30	2.37	3.79	U	B8E0075	11-May-18	0.264 L	28-May-18 05:12	1										
MeFOSAA	2355-31-9	ND	1.30	2.37	3.79	U	B8E0075	11-May-18	0.264 L	28-May-18 05:12	1										
PFDS	335-77-3	ND	1.30	2.37	3.79	U	B8E0075	11-May-18	0.264 L	28-May-18 05:12	1										
PFUnA	2058-94-8	2.03	1.30	2.37	3.79	J	B8E0075	11-May-18	0.264 L	28-May-18 05:12	1										
EtFOSAA	2991-50-6	ND	1.30	2.37	3.79	U	B8E0075	11-May-18	0.264 L	28-May-18 05:12	1										
PFDoA	307-55-1	ND	1.30	2.37	3.79	U	B8E0075	11-May-18	0.264 L	28-May-18 05:12	1										
PFTtDA	72629-94-8	ND	1.30	2.37	3.79	U	B8E0075	11-May-18	0.264 L	28-May-18 05:12	1										
PFTeDA	376-06-7	ND	1.30	2.37	3.79	U	B8E0075	11-May-18	0.264 L	28-May-18 05:12	1										
Labeled Standards	Type	% Recovery	Limits		Qualifiers		Batch	Extracted	Samp Size	Analyzed	Dilution										
13C3-PFBA	IS	95.3	50 - 150				B8E0075	11-May-18	0.264 L	28-May-18 05:12	1										
13C3-PFPeA	IS	90.3	50 - 150				B8E0075	11-May-18	0.264 L	28-May-18 05:12	1										
13C3-PFBS	IS	123	50 - 150				B8E0075	11-May-18	0.264 L	28-May-18 05:12	1										
13C2-PFHxA	IS	90.3	50 - 150				B8E0075	11-May-18	0.264 L	28-May-18 05:12	1										
13C4-PFHpA	IS	92.4	50 - 150				B8E0075	11-May-18	0.264 L	28-May-18 05:12	1										
18O2-PFHxS	IS	86.1	50 - 150				B8E0075	11-May-18	0.264 L	28-May-18 05:12	1										
13C2-PFOA	IS	81.3	50 - 150				B8E0075	11-May-18	0.264 L	28-May-18 05:12	1										
13C8-PFOS	IS	96.9	50 - 150				B8E0075	11-May-18	0.264 L	28-May-18 05:12	1										
13C5-PFNA	IS	85.6	50 - 150				B8E0075	11-May-18	0.264 L	28-May-18 05:12	1										
13C2-PFDA	IS	81.9	50 - 150				B8E0075	11-May-18	0.264 L	28-May-18 05:12	1										
13C8-PFOA	IS	48.2	50 - 150		H		B8E0075	11-May-18	0.264 L	28-May-18 05:12	1										
d3-MeFOSAA	IS	87.1	50 - 150				B8E0075	11-May-18	0.264 L	28-May-18 05:12	1										

Sample ID: BP-DUP06-20180501				PFAS Isotope Dilution Method				
Client Data		Laboratory Data						
Name:	Tetra Tech	Matrix:	Surface Water	Lab Sample:	1800859-03	Column:	BEH C18	
Project:	112G08005-WE09	Date Collected:	01-May-18 12:00	Date Received:	02-May-18 10:02			
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed
13C2-PFUnA	IS	71.8	50 - 150		B8E0075	11-May-18	0.264 L	28-May-18 05:12
d5-EtFOSAA	IS	85.9	50 - 150		B8E0075	11-May-18	0.264 L	28-May-18 05:12
13C2-PFDaA	IS	80.1	50 - 150		B8E0075	11-May-18	0.264 L	28-May-18 05:12
13C2-PFTeDA	IS	77.8	50 - 150		B8E0075	11-May-18	0.264 L	28-May-18 05:12

DL - Detection Limit LOD - Limit of Detection LCL-UCL- Lower control limit - upper control limit When reported, PFHxS, PFOA and PFOS include both linear and branched isomers.
 LOQ - Limit of quantitation Results reported to the DL. Only the linear isomer is reported for all other analytes.

Sample ID: BP-EB04-20180501

PFAS Isotope Dilution Method

Client Data		Laboratory Data		Matrix:		Date Collected:		Date Received:		Column:	
Name:	Tetra Tech	Lab Sample:	1800859-04	Surface Water	01-May-18 10:40	1800859-04	02-May-18 10:02	BEH C18			
Project:	112G08005-WE09	Date Received:									
Analyte	CAS Number	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBA	375-22-4	ND	1.31	2.39	3.84	U	B8E0075	11-May-18	0.261 L	28-May-18 05:23	1
PFPeA	2706-90-3	ND	1.31	2.39	3.84	U	B8E0075	11-May-18	0.261 L	28-May-18 05:23	1
PFBS	375-73-5	ND	1.31	2.39	3.84	U	B8E0075	11-May-18	0.261 L	28-May-18 05:23	1
PFHxA	307-24-4	ND	1.31	2.39	3.84	U	B8E0075	11-May-18	0.261 L	28-May-18 05:23	1
PFHpA	375-85-9	ND	1.31	2.39	3.84	U	B8E0075	11-May-18	0.261 L	28-May-18 05:23	1
PFHxS	355-46-4	ND	1.31	2.39	3.84	U	B8E0075	11-May-18	0.261 L	28-May-18 05:23	1
6:2 FTS	27619-97-2	ND	1.31	2.39	3.84	U	B8E0075	11-May-18	0.261 L	28-May-18 05:23	1
PFOA	335-67-1	ND	1.31	2.39	3.84	U	B8E0075	11-May-18	0.261 L	28-May-18 05:23	1
PFHpS	375-92-8	ND	1.31	2.39	3.84	U	B8E0075	11-May-18	0.261 L	28-May-18 05:23	1
PFOS	1763-23-1	ND	1.31	2.39	3.84	U	B8E0075	11-May-18	0.261 L	28-May-18 05:23	1
PFNA	375-95-1	ND	1.31	2.39	3.84	U	B8E0075	11-May-18	0.261 L	28-May-18 05:23	1
PFDA	335-76-2	ND	1.31	2.39	3.84	U	B8E0075	11-May-18	0.261 L	28-May-18 05:23	1
8:2 FTS	39108-34-4	ND	1.31	2.39	3.84	U	B8E0075	11-May-18	0.261 L	28-May-18 05:23	1
PFOSA	754-91-6	ND	1.31	2.39	3.84	U	B8E0075	11-May-18	0.261 L	28-May-18 05:23	1
MeFOSAA	2355-31-9	ND	1.31	2.39	3.84	U	B8E0075	11-May-18	0.261 L	28-May-18 05:23	1
PFDS	335-77-3	ND	1.31	2.39	3.84	U	B8E0075	11-May-18	0.261 L	28-May-18 05:23	1
PFUnA	2058-94-8	ND	1.31	2.39	3.84	U	B8E0075	11-May-18	0.261 L	28-May-18 05:23	1
EtFOSAA	2991-50-6	ND	1.31	2.39	3.84	U	B8E0075	11-May-18	0.261 L	28-May-18 05:23	1
PFDoA	307-55-1	ND	1.31	2.39	3.84	U	B8E0075	11-May-18	0.261 L	28-May-18 05:23	1
PFTtDA	72629-94-8	ND	1.31	2.39	3.84	U	B8E0075	11-May-18	0.261 L	28-May-18 05:23	1
PFTeDA	376-06-7	ND	1.31	2.39	3.84	U	B8E0075	11-May-18	0.261 L	28-May-18 05:23	1
Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution		
13C3-PFBA	IS	92.3	50 - 150		B8E0075	11-May-18	0.261 L	28-May-18 05:23	1		
13C3-PFPeA	IS	90.9	50 - 150		B8E0075	11-May-18	0.261 L	28-May-18 05:23	1		
13C3-PFBS	IS	109	50 - 150		B8E0075	11-May-18	0.261 L	28-May-18 05:23	1		
13C2-PFHxA	IS	91.8	50 - 150		B8E0075	11-May-18	0.261 L	28-May-18 05:23	1		
13C4-PFHpA	IS	98.7	50 - 150		B8E0075	11-May-18	0.261 L	28-May-18 05:23	1		
18O2-PFHxS	IS	94.6	50 - 150		B8E0075	11-May-18	0.261 L	28-May-18 05:23	1		
13C2-PFOA	IS	77.5	50 - 150		B8E0075	11-May-18	0.261 L	28-May-18 05:23	1		
13C8-PFOS	IS	92.6	50 - 150		B8E0075	11-May-18	0.261 L	28-May-18 05:23	1		
13C5-PFNA	IS	81.0	50 - 150		B8E0075	11-May-18	0.261 L	28-May-18 05:23	1		
13C2-PFDA	IS	66.1	50 - 150		B8E0075	11-May-18	0.261 L	28-May-18 05:23	1		
13C8-PFOA	IS	44.3	50 - 150	H	B8E0075	11-May-18	0.261 L	28-May-18 05:23	1		
d3-MeFOSAA	IS	64.0	50 - 150		B8E0075	11-May-18	0.261 L	28-May-18 05:23	1		

Sample ID: BP-EB04-20180501				PFAS Isotope Dilution Method						
Client Data		Laboratory Data								
Name:	Tetra Tech	Matrix:	Surface Water	Lab Sample:	1800859-04	Column:	BEH C18			
Project:	112G08005-WE09	Date Collected:	01-May-18 10:40	Date Received:	02-May-18 10:02					
Labeled Standards		Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C2-PFUnA		IS	67.0	50 - 150		B8E0075	11-May-18	0.261 L	28-May-18 05:23	1
d5-EtFOSAA		IS	68.2	50 - 150		B8E0075	11-May-18	0.261 L	28-May-18 05:23	1
13C2-PFDoA		IS	71.9	50 - 150		B8E0075	11-May-18	0.261 L	28-May-18 05:23	1
13C2-PFTeDA		IS	68.0	50 - 150		B8E0075	11-May-18	0.261 L	28-May-18 05:23	1

DL - Detection Limit
 LOD - Limit of Detection
 LOQ - Limit of quantitation

LCL-UCL- Lower control limit - upper control limit
 Results reported to the DL.

When reported, PFHxS, PFOA and PFOS include both linear and branched isomers.
 Only the linear isomer is reported for all other analytes.

DATA QUALIFIERS & ABBREVIATIONS

B	This compound was also detected in the method blank
Conc.	Concentration
D	Dilution
DL	Detection limit
E	The associated compound concentration exceeded the calibration range of the instrument
H	Recovery and/or RPD was outside laboratory acceptance limits
I	Chemical Interference
J	The amount detected is below the Reporting Limit/LOQ
LOD	Limits of Detection
LOQ	Limits of Quantitation
M	Estimated Maximum Possible Concentration (CA Region 2 projects only)
NA	Not applicable
ND	Not Detected
Q	Ion ratio outside of 70-130% of Standard Ratio. (DOD PFAS projects only)
TEQ	Toxic Equivalency
U	Not Detected (specific projects only)
*	See Cover Letter

Unless otherwise noted, solid sample results are reported in dry weight. Tissue samples are reported in wet weight.

CERTIFICATIONS

Accrediting Authority	Certificate Number
Alaska Department of Environmental Conservation	17-013
Arkansas Department of Environmental Quality	17-015-0
California Department of Health – ELAP	2892
DoD ELAP - A2LA Accredited - ISO/IEC 17025:2005	3091.01
Florida Department of Health	E87777-18
Hawaii Department of Health	N/A
Louisiana Department of Environmental Quality	01977
Maine Department of Health	2016026
Minnesota Department of Health	1322288
New Hampshire Environmental Accreditation Program	207717
New Jersey Department of Environmental Protection	CA003
New York Department of Health	11411
Oregon Laboratory Accreditation Program	4042-008
Pennsylvania Department of Environmental Protection	014
Texas Commission on Environmental Quality	T104704189-17-8
Virginia Department of General Services	9077
Washington Department of Ecology	C584
Wisconsin Department of Natural Resources	998036160

Current certificates and lists of licensed parameters are located in the Quality Assurance office and are available upon request.



No.

Page 1 of 1

NO.

1800859 1.7°C

[illegible]

Sample Log-in Checklist

 Vista Work Order #: 1800859 TAT: Std

Samples Arrival:	Date/Time 05/02/18 1002	Initials: JAB	Location: WR-2 Shelf/Rack: NA
Logged In:	Date/Time 05/03/18 1431	Initials: JAB	Location: WR-2 Shelf/Rack: E7
Delivered By:	☒ FedEx	☐ UPS	☐ On Trac
	☐ GSO	☐ DHL	☐ Hand Delivered
Preservation:	☒ Ice	☐ Blue Ice	☐ Dry Ice
	☐ None		
Temp °C: 1.8 (uncorrected)	Time: 1056		Thermometer ID: IR-4
Temp °C: 1.7 (corrected)	Probe used: Yes ☐ No ☒		

	YES	NO	NA
Adequate Sample Volume Received?	☒		
Holding Time Acceptable?	☒		
Shipping Container(s) Intact?	☒		
Shipping Custody Seals Intact?	☒		
Shipping Documentation Present?	☒		
Airbill	Trk # 8102 9107 0672	☒	
Sample Container Intact?	☒		
Sample Custody Seals Intact?			☒
Chain of Custody / Sample Documentation Present?	☒		
COC Anomaly/Sample Acceptance Form completed?	☒		
If Chlorinated or Drinking Water Samples, Acceptable Preservation?			☒
Preservation Documented:	Na ₂ S ₂ O ₃	Trizma	☒ None
	☒ Yes	☐ No	☐ NA
Shipping Container	Vista	☒ Client	Retain
	☒ Return	☐ Dispose	

Comments:

Sample label ID
~~BP-MH-SW4001~~ 5/3/18
 BP-MH-SW4001-Socte-20180501
 COC ID: BP-MH-SW4001-20180501

Chain of Custody Anomaly/Sample Acceptance Form



Tetra Tech
Kristi Francisco
Kristi.Francisco@tetratech.com
(757) 466-4902

Workorder Number: 1800859
Date Received: 02-May-18 10:02
Documented by/date: B. Benedict 05/03/2018

Please review the following information and complete the Client Authorization section. To comply with NELAC regulations, we must receive authorization before proceeding with sample analysis.

Thank you,

Martha Maier
mmaier@vista-analytical.com
916-673-1520

☒ Sample IDs on Chain of Custody do not match Sample Container Labels

Chain of Custody ID	Container Label ID
BP-MH-SW4001-20180501	BP-MH-SW4001-South-20180501
BP-MH-SW4001-SOUTH-20180501	BP-MH-SW4001-South-20180501

Please see attached CoC for
corrected ID "BP-MH-SW4001-South-20180501"

Client Authorization

Proceed with Analysis: ☒ YES ☐ NO

Signature and Date

Ernie Wu 5/7/18

Client Comments/Instructions

EXTRACTION INFORMATION

Process Sheet
Workorder: 1800859

PRIORITY

Prep Expiration: 2018-May-15
 Client: Tetra Tech

Workorder Due: 21-May-18 00:00

TAT: 19

Method: **537M PFAS DOD (LOQ as mRL)**
 Matrix: **Aqueous**

Prep Batch: B8E0075

Prep Data Entered: DF 5/14/18
 Date and Initials

Version: Bethpage (21 Analytes)
 DoD: DoD QSM 5.1

Initial Sequence: _____

LabSampleID	A/B	Prep Rec	Spike Rec	ClientSampleID	Comments	Location	Container
1800859-01	"A"	☒	☒	BP-MH-SW4001-20180501		WR-2 E-7	HDPE Bottle, 250 mL
1800859-02	↓	☒	☒	BP-TT-SW4002-20180501		WR-2 E-7	HDPE Bottle, 250 mL
1800859-03		☒	☒	BP-DUP06-20180501		WR-2 E-7	HDPE Bottle, 250 mL
1800859-04		☒	☒	BP-EB04-20180501		WR-2 E-7	HDPE Bottle, 250 mL

WO Comments: **MS/MSD required for each batch.**

Internal COC

FRBs-Extract and Hold

Pre-Prep Check Out: HB 5/10/18
 Pre-Prep Check In: HB 5/10/18

Prep Check Out: KC 5/11/18
 Prep Check In: NA

Prep Reconciled Initials/Date: HB 5/10/18
 Spike Reconciled Initials/Date: KC 5/11/18
 VialBoxID: Mauraders Map

PREPARATION BENCH SHEET

Matrix: Aqueous

Method: 537M PFAS DOD (LOQ as mRL)

B8E0075

Chemist: KL

Prep Date/Time: 08-May-18 14:57
11 9:30

KL 5/11/18

Prepared using: LCMS - SPE Extraction-LCMS

Date/Initials: HB 5/10/18				Balance ID: HRMJ-8				IS/NS CHEM/WIT DATE		SPE		RS CHEM/WIT DATE	
Cen	VISTA Sample ID	pH Before	pH After	Chlorine (Cl)	Drops HCl Added	Bottle + Sample (g)	Bottle Only (g)	Sample Amt. (L)	IS/NS CHEM/WIT DATE	SPE	RS CHEM/WIT DATE		
☐	B8E0075-BLK1 (A)	5	2	0	3	NA	NA	(0.250)	VC 7R 5/11/18	GRB 5/11/18	HN 5/11/18		
☐	B8E0075-BS1	5	2	0	3	↓	↓	(0.250)	↓	↓	↓		
☐	B8E0075-BSD1	5	2	0	3	↓	↓	(0.250)	↓	↓	↓		
☐	1800837-01	7	2	0	3	146.04	26.70	0.11934	↓	↓	↓		
☐	1800837-02	7	2	0	3	144.91	26.90	0.11811	↓	↓	↓		
☐	1800837-03	7	2	0	3	143.98	26.82 26.82	0.11716	↓	↓	↓		
☐	1800837-04	7	2	0	3	145.03	26.82	0.11821	↓	↓	↓		
☐	1800837-05	7	2	0	3	149.50	26.87	0.12163	↓	↓	↓		
☐	1800837-06	7	2	0	3	146.74	26.88	0.11986	↓	↓	↓		
☐	1800837-07	7	2	0	3	146.01	26.86	0.11915	↓	↓	↓		
☐	1800837-08	7	2	0	3	147.56	26.85	0.12071	↓	↓	↓		
☐	1800837-09	7	2	0	3	148.37	26.81	0.12156	↓	↓	↓		
☐	1800837-10	7	2	0	3	148.30	26.83	0.12147	↓	↓	↓		
☐	1800837-11	7	2	0	3	152.00	26.85	0.12515	↓	↓	↓		
☐	1800837-12	7	2	0	3	148.05	26.76	0.12129	↓	↓	↓		
☐	1800837-13	7	2	0	3	148.08	26.74	0.12134	↓	↓	↓		

Notes: (A) 1.125 g Trizma preservative added to QCS. HB 5/10/18
Envicarb lot #: 10186601 HN 5/11/18

SPE Chem: STRATA X-AW 33 μ L 200mg 10mL
Ele SOLV: MeOH/0.5% NH₄OH in MeOH
Final Volume(s):

IS: 1802004
1802003, 10 μ L (V7)
1802005, 10 μ L (V7)
IS SUP: N/A
NS: 1801302, 10 μ L (V4)
RS: 1802005, 10 μ L (V7)

Comments: Assume 1 g = 1 mL
Cen = Centrifuged

PREPARATION BENCH SHEET

Matrix: Aqueous

Method: 537M PFAS DOD (LOQ as mRL)

B8E0075

Chemist: KC

Prep Date/Time: 08-May-18 14:57

11 9:30

KC 5/11/18

Prepared using: LCMS - SPE Extraction-LCMS

Date/Initials: H0 5/10/18		Balance ID: HRMS-8									
Cen	VISTA Sample ID	pH Before	pH After	Chlorine (Cl)	Drops HCl Added	Bottle + Sample (g)	Bottle Only (g)	Sample Amt. (L)	IS/NS CHEM/WIT DATE	SPE	RS CHEM/WIT DATE
☐	1800859-01	5	2	0	4	290.62	38.00	0.25262	KC 7R 5/11/18	GPB 5/11/18	EC 5/11/18
☐	1800859-02	5	2	0	4	295.51	37.60	0.25391	T	T	T
☐	1800859-03	5	2	0	4	301.46	37.79	0.26367	T	T	T
☐	1800859-04	5	2	0	4	298.03	37.45	0.26058	T	T	T

IS: 18D2004 1802203 10 µL (V7) FIN 5/11/18 IS SUP: NA NS: 18C1302, 10 µL (V4) RS: 18D2005, 10 µL (V7)	SPE Chem: Stratos-X-AW 33 µm 6mL Ele SOLV: MeOH / 0.5% NH₄OH in MeOH Final Volume(s):	Notes:
---	---	--------

Comments: Assume 1 g = 1 mL
Cen = Centrifuged

Batch: B8E0075

Matrix: Aqueous

LabNumber	WetWeight (Initial)	% Solids (Extraction Solids)	DryWeight	Final	Extracted	Ext By	Spike	SpikeAmount	ClientMatrix	Analysis
1800837-01	0.11934 ✓			1000	11-May-18 09:30	KC			QC Water	537M PFAS DOD (LOQ as
1800837-02	0.11811 ✓			1000	11-May-18 09:30	KC			QC Water	537M PFAS DOD (LOQ as
1800837-03	0.11716 ✓			1000	11-May-18 09:30	KC			QC Water	537M PFAS DOD (LOQ as
1800837-04	0.11821 ✓			1000	11-May-18 09:30	KC			QC Water	537M PFAS DOD (LOQ as
1800837-05	0.12163 ✓			1000	11-May-18 09:30	KC			QC Water	537M PFAS DOD (LOQ as
1800837-06	0.11986 ✓			1000	11-May-18 09:30	KC			QC Water	537M PFAS DOD (LOQ as
1800837-07	0.11915 ✓			1000	11-May-18 09:30	KC			QC Water	537M PFAS DOD (LOQ as
1800837-08	0.12071 ✓			1000	11-May-18 09:30	KC			QC Water	537M PFAS DOD (LOQ as
1800837-09	0.12156 ✓			1000	11-May-18 09:30	KC			QC Water	537M PFAS DOD (LOQ as
1800837-10	0.12147 ✓			1000	11-May-18 09:30	KC			QC Water	537M PFAS DOD (LOQ as
1800837-11	0.12515 ✓			1000	11-May-18 09:30	KC			QC Water	537M PFAS DOD (LOQ as
1800837-12	0.12029 ✓			1000	11-May-18 09:30	KC			QC Water	537M PFAS DOD (LOQ as
1800837-13	0.12134 ✓			1000	11-May-18 09:30	KC			QC Water	537M PFAS DOD (LOQ as
1800859-01	0.25262 ✓			1000	11-May-18 09:30	KC			Surface Water	537M PFAS DOD (LOQ as
1800859-02	0.25791 ✓			1000	11-May-18 09:30	KC			Surface Water	537M PFAS DOD (LOQ as
1800859-03	0.26367 ✓			1000	11-May-18 09:30	KC			Surface Water	537M PFAS DOD (LOQ as
1800859-04	0.26058 ✓			1000	11-May-18 09:30	KC			Surface Water	537M PFAS DOD (LOQ as
B8E0075-BLK1	0.125			1000	11-May-18 09:30	KC				QC
B8E0075-BS1	0.125			1000	11-May-18 09:30	KC	18C1302 ✓	10 ✓		QC
B8E0075-BSD1	0.125			1000	11-May-18 09:30	KC	18C1302 ✓	10 ✓		QC

DP5/14/18

Internal Chain of Custody

1800859



Client: Tetra Tech

Project Number: 112G08005-WE09

Received: 02-May-18 10:02

Vista Sample ID	Bottle	Sample				Extract			
		Initials Date/Time New Location	Initials Date/Time New Location	Initials Date/Time New Location	Initials Date/Time New Location	Initials Date/Time New Location	Initials Date/Time New Location	Initials Date/Time New Location	Initials Date/Time New Location
1800859-01	A/B	WRB 5/3/18 1553 WR-2 E7	(A)	Prep Lab 5/11/18 KC	(A)	(A)	(A)	(A)	(A)
1800859-02	T								
1800859-03									
1800859-04									

(A) sample was moved from WR-2 E7 to the Prep Lab by KC on 5/11/18, then to extraction by GRB on 5/11/18 as verified by the associated process sheet and bench sheet. Ane 30 MAY 18

Note in grid if sample or extract are depleted. See Login Checklist for initial location.

Sample Data – PFAS Isotope Dilution Method

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052718.mdb 28 May 2018 09:36:27
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47
Name: 180527M1_52, Date: 28-May-2018, Time: 02:35:36, ID: B8E0075-BLK1 Method Blank 0.125, Description: Method Blank

	# Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8		5.80e3	0.2500		1.34						
2	2 PFPeA	263.1 > 218.9		8.67e3	0.2500		2.32						
3	3 PFBS	299.0 > 79.7		1.12e3	0.2500		2.61						
4	4 4:2 FTS	327.2>307.2		2.49e3	0.2500		3.03						
5	5 PFHxA	313.2 > 268.9		3.20e3	0.2500		3.11						
6	6 PFPeS	349.1>80.1		1.12e3	0.2500		3.33						
7	7 PFHpA	363.0 > 318.9		9.64e3	0.2500		3.73						
8	8 L-PFHxS	398.9 > 79.6	2.59e0	8.43e2	0.2500		3.91	3.88	0.0384	0.101		0.803	YES
9	10 6:2 FTS	427.1 > 407		2.32e3	0.2500		4.31						
10	11 L-PFOA	413 > 368.7	2.07e2	1.40e4	0.2500		4.40	4.26	0.185	0.724		5.595	NO
11	13 PFHpS	449 > 80.0		1.40e4	0.2500		4.48						
12	14 PFNA	463.0 > 418.8		1.44e4	0.2500		4.82						
13	15 PFOSA	498.2 > 77.9		1.95e3	0.2500		4.89						
14	16 L-PFOS	499.1 > 79.9		2.29e3	0.2500		4.90	4.68	0.0258	0.071		9.000	YES
15	18 PFDA	513 > 468.8	4.74e0	1.83e4	0.2500		5.20						
16	19 8:2 FTS	527 > 506.9		2.27e3	0.2500		5.17						
17	20 PFNS	549.1>80.1		2.29e3	0.2500		5.27						
18	21 L-MeFOSAA	570.1 > 419		2.98e3	0.2500		5.35						
19	23 L-EtFOSAA	584.2 > 419		3.77e3	0.2500		5.52						

Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-52.qld

Last Altered: Wednesday, May 30, 2018 12:35:42 Pacific Daylight Time
Printed: Wednesday, May 30, 2018 12:36:15 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052718.mdb 28 May 2018 09:36:27
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Name: 180527M1_52, Date: 28-May-2018, Time: 02:35:36, ID: B8E0075-BLK1 Method Blank 0.125, Description: Method Blank

	# Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Ion Ratio	Ratio Out?
1	25 PFUdA	563.0 > 518.9		1.57e4	0.2500		5.53						
2	26 PFDS	598.8 > 80		1.57e4	0.2500		5.58						
3	27 PFDoA	612.9 > 569.0		1.61e4	0.2500		5.82						
4	28 N-MeFOSA	512.1 > 168.9			0.2500		6.00						
5	29 PFTrDA	662.9 > 618.9		1.61e4	0.2500		6.07						
6	30 PFTeDA	712.9 > 668.8		1.28e4	0.2500		6.29						
7	31 N-EtFOSA	526.1 > 168.9			0.2500		6.40						
8	32 PFHxDA	813.1 > 768.6	8.01e1	7.34e3	0.2500		6.61	6.50	0.0546				
9	33 PFODA	913.1 > 868.8		7.34e3	0.2500		6.84						
10	34 N-MeFOSE	616.1 > 58.9			0.2500		6.54						
11	35 N-EtFOSE	630.1 > 58.9			0.2500		6.69						
12	36 13C3-PFBA	216.1 > 171.8	5.80e3	7.13e3	0.2500	0.874	1.42	1.34	10.2	46.588	93.2		
13	37 13C3-PFPeA	266. > 221.8	8.67e3	1.11e4	0.2500	0.834	2.40	2.32	9.75	46.754	93.5		
14	38 13C3-PFBS	302. > 98.8	1.12e3	1.11e4	0.2500	0.101	2.68	2.61	1.26	50.242	100.5		
15	39 13C2-4:2 FTS	329.2>308.9	2.49e3	1.11e4	0.2500	0.238	3.10	3.03	2.80	46.946	93.9		
16	40 13C2-PFHxA	315 > 269.8	3.20e3	1.11e4	0.2500	0.731	3.19	3.11	3.59	19.667	98.3		
17	41 13C4-PFHpA	367.2 > 321.8	9.64e3	1.11e4	0.2500	0.820	3.83	3.73	10.8	52.914	105.8		
18	42 18O2-PFHxS	403.0 > 102.6	8.43e2	2.41e3	0.2500	0.429	3.99	3.89	4.37	40.691	81.4		
19	43 13C2-6:2 FTS	429.1 > 408.9	2.32e3	1.20e4	0.2500	0.235	4.31	4.20	2.42	41.151	82.3		
20	44 13C2-PFOA	414.9 > 369.7	1.40e4	1.20e4	0.2500	1.222	4.37	4.26	14.6	47.915	95.8		
21	45 13C5-PFNA	468.2 > 422.9	1.44e4	1.70e4	0.2500	0.950	4.82	4.70	10.6	44.656	89.3		
22	46 13C8-PFOA	506.1 > 77.7	1.95e3	2.03e4	0.2500	0.190	4.89	4.77	1.20	25.325	50.7		
23	47 13C8-PFOS	507.0 > 79.9	2.29e3	2.33e3	0.2500	1.018	4.90	4.79	12.3	48.475	97.0		
24	48 13C2-PFDA	515.1 > 469.9	1.83e4	1.69e4	0.2500	1.175	5.20	5.08	13.5	45.892	91.8		
25	49 13C2-8:2 FTS	529.1 > 508.7	2.27e3	1.11e4	0.2500	0.245	5.17	5.05	2.56	41.658	83.3		
26	50 d3-N-MeFOSAA	573.3 > 419	2.98e3	2.03e4	0.2500	0.202	5.35	5.23	1.84	36.524	73.0		
27	51 d5-N-EtFOSAA	589.3 > 419	3.77e3	2.03e4	0.2500	0.242	5.51	5.39	2.32	38.358	76.7		
28	52 13C2-PFUdA	565 > 519.8	1.57e4	2.03e4	0.2500	1.062	5.53	5.40	9.71	36.570	73.1		
29	53 13C2-PFDoA	615.0 > 569.7	1.61e4	1.69e4	0.2500	1.048	5.82	5.69	11.9	45.411	90.8		
30	54 d3-N-MeFOSA	515.2 > 168.9		2.03e4	0.2500	0.058	6.02						
31	55 13C2-PFTeDA	714.8 > 669.6	1.28e4	2.03e4	0.2500	0.871	6.29	6.16	7.86	36.116	72.2		
32	56 d5-N-ETFOSA	531.1 > 168.9		2.03e4	0.2500	0.073	6.41						GM 5/30/2018

Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-52.qld

Last Altered: Wednesday, May 30, 2018 12:35:42 Pacific Daylight Time
Printed: Wednesday, May 30, 2018 12:36:15 Pacific Daylight Time

Name: 180527M1_52, Date: 28-May-2018, Time: 02:35:36, ID: B8E0075-BLK1 Method Blank 0.125, Description: Method Blank

	#	Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Ion Ratio	Ratio Out?
33	57	13C2-PFHxDA	815 > 769.7	7.34e3	2.03e4	0.2500	1.232	6.61	6.49	4.52	14.686	73.4		
34	58	d7-N-MeFOSE	623.1 > 58.9		2.03e4	0.2500	0.039	6.53						
35	59	d9-N-EtFOSE	639.2 > 58.8		2.03e4	0.2500	0.037	6.67						
36	60	13C4-PFBA	217. > 171.8	7.13e3	7.13e3	0.2500	1.000	1.42	1.34	12.5	50.000	100.0		
37	61	13C5-PFHxA	318 > 272.9	1.11e4	1.11e4	0.2500	1.000	3.19	3.11	12.5	50.000	100.0		
38	62	13C3-PFHxS	401.9 > 79.9	2.41e3	2.41e3	0.2500	1.000	3.99	3.89	12.5	50.000	100.0		
39	63	13C8-PFOA	421.3 > 376	1.20e4	1.20e4	0.2500	1.000	4.37	4.26	12.5	50.000	100.0		
40	64	13C9-PFNA	472.2 > 426.9	1.70e4	1.70e4	0.2500	1.000	4.82	4.70	12.5	50.000	100.0		
41	65	13C4-PFOS	503 > 79.9	2.33e3	2.33e3	0.2500	1.000	4.90	4.79	12.5	50.000	100.0		
42	66	13C6-PFDA	519.1 > 473.7	1.69e4	1.69e4	0.2500	1.000	5.20	5.08	12.5	50.000	100.0		
43	67	13C7-PFUDa	570.1 > 524.8	2.03e4	2.03e4	0.2500	1.000	5.53	5.41	12.5	50.000	100.0		
44	68	Total PFHxS	398.9 > 79.6	2.59e0	8.43e2	0.2500		4.05		0.0384	0.101			
45	69	Total PFOA	413 > 368.7	2.07e2	1.40e4	0.2500		4.30		0.185	0.724			
46	70	Total PFOS	499.1 > 79.9	4.74e0	2.29e3	0.2500		4.90		0.0258	0.071			
47	71	Total N-MeFOSAA	570.1 > 419	0.00e0	2.98e3	0.2500		5.55		0.000				
48	72	Total N-EtFOSAA	584.2 > 419	0.00e0	3.77e3	0.2500		5.70		0.000				

Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-52.qld

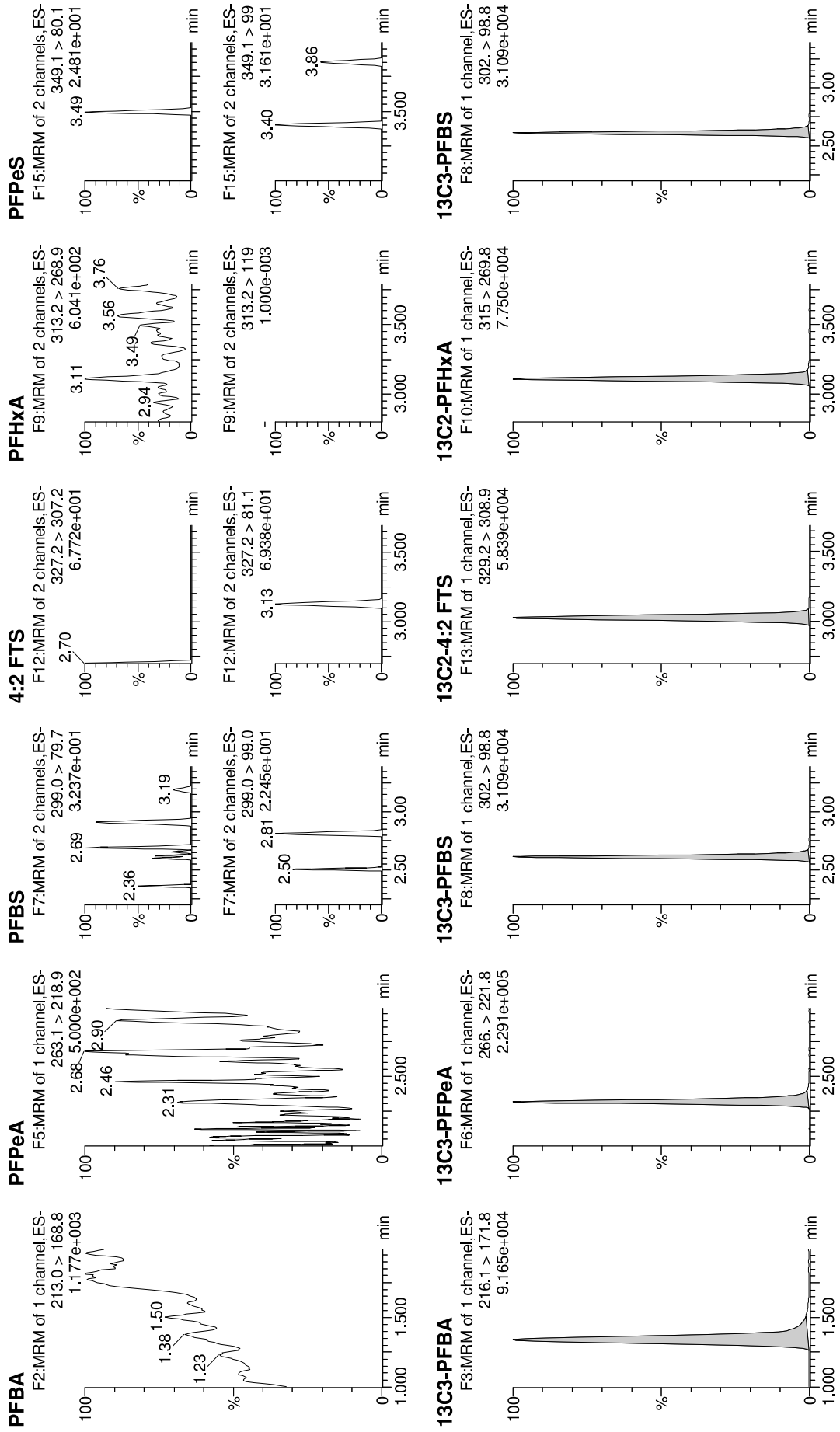
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Printed: Wednesday, May 30, 2018 12:36:15 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052718.mdb 28 May 2018 09:36:27

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Name: 180527M1_52, Date: 28-May-2018, Time: 02:35:36, ID: B8E0075-BLK1 Method Blank 0.125, Description: Method Blank



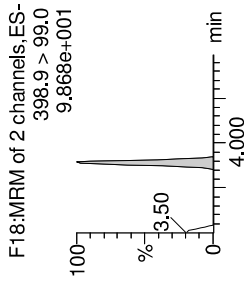
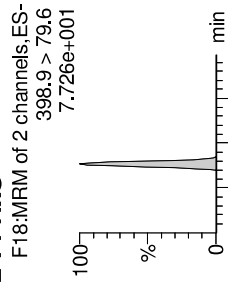
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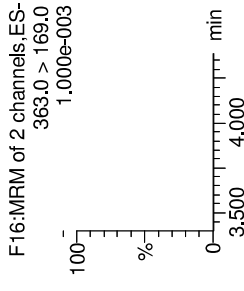
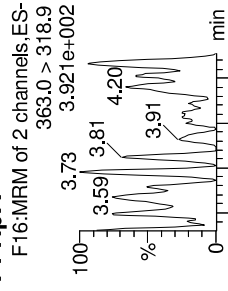
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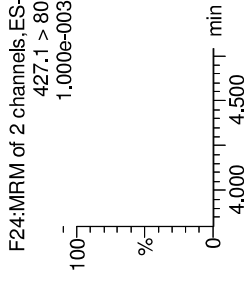
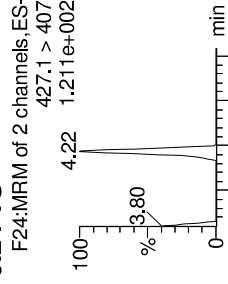
L-PFHxS



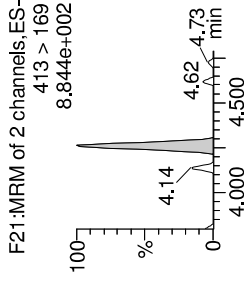
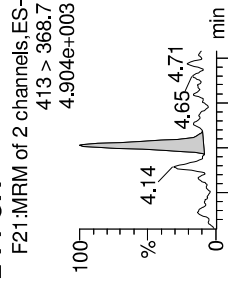
PFHpA



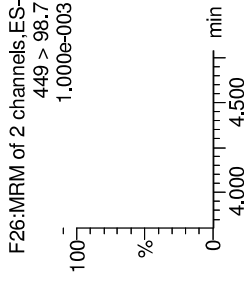
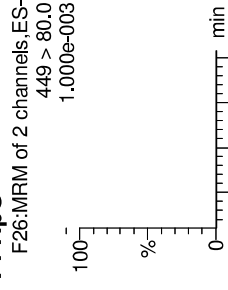
6:2 FTS



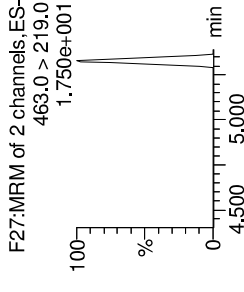
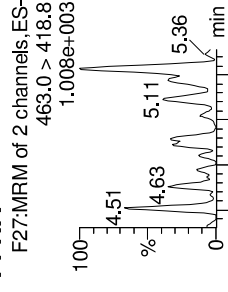
L-PFOA



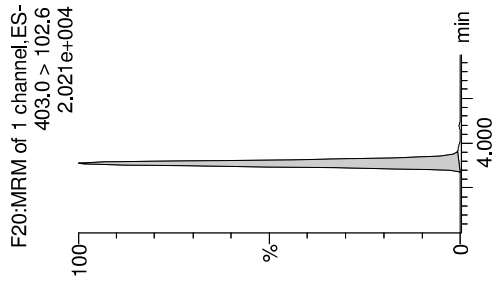
PFHpS



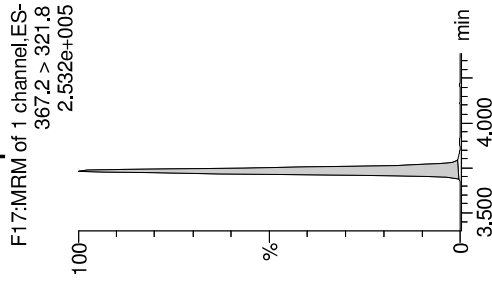
PFNA



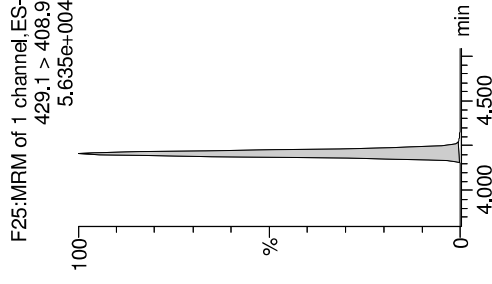
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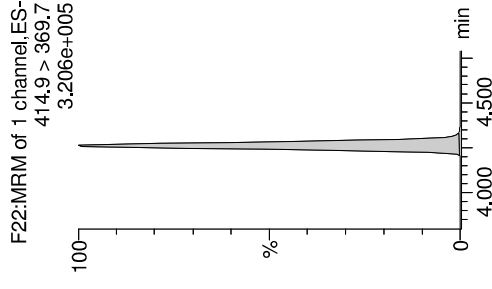
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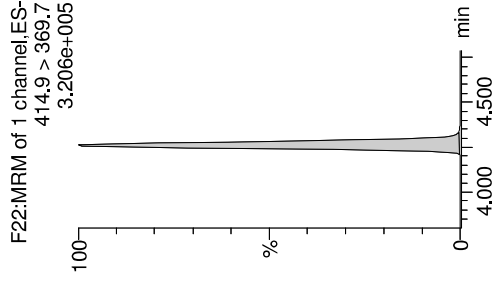
13C2-6:2 FTS



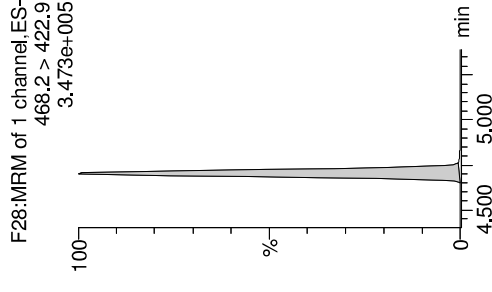
13C2-PFOA



13C2-PFOA



13C5-PFNA



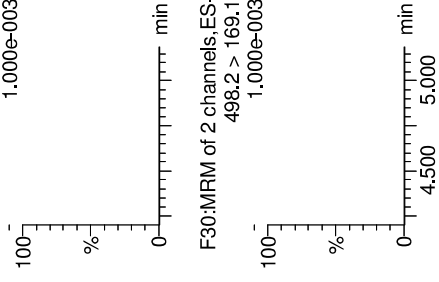
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Last Altered: Wednesday, May 30, 2018 12:35:42 Pacific Daylight Time
Printed: Wednesday, May 30, 2018 12:36:15 Pacific Daylight Time

Name: 180527M1_52, Date: 28-May-2018, Time: 02:35:36, ID: B8E0075-BLK1 Method Blank 0.125, Description: Method Blank

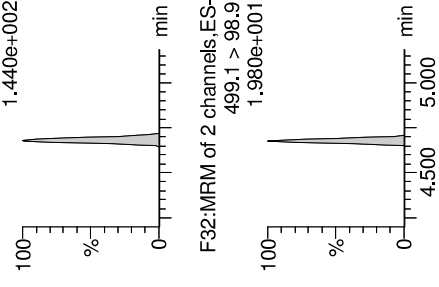
PFOSA

F30:MRM of 2 channels,ES-
498.2 > 77.9
1.000e-003



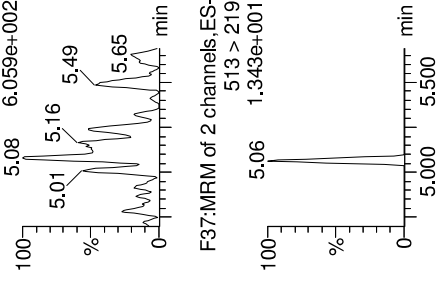
L-PFOS

F32:MRM of 2 channels,ES-
499.1 > 79.9
1.440e+002



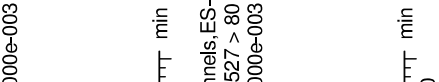
PFDA

F37:MRM of 2 channels,ES-
513 > 468.8
6.059e+002



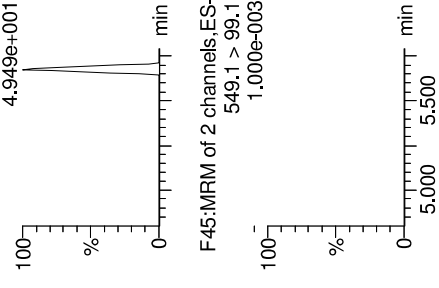
8:2 FTS

F42:MRM of 2 channels,ES-
527 > 506.9
1.000e-003



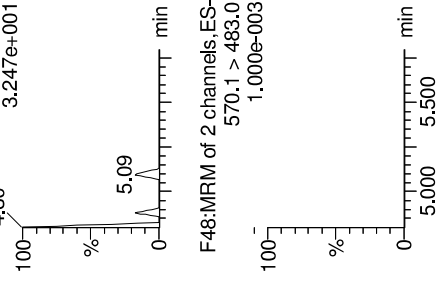
PFNS

F45:MRM of 2 channels,ES-
549.1 > 80.1
4.949e+001



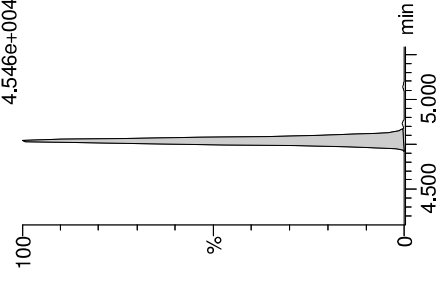
L-MeFOSAA

F48:MRM of 2 channels,ES-
570.1 > 419
3.247e+001



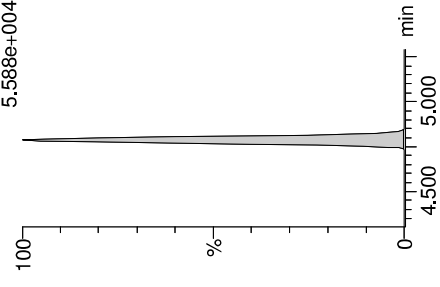
13C8-PFOA

F34:MRM of 1 channel,ES-
506.1 > 77.7
4.546e+004



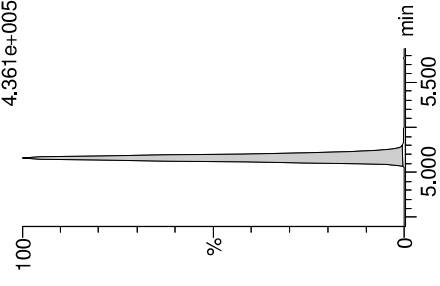
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
5.588e+004



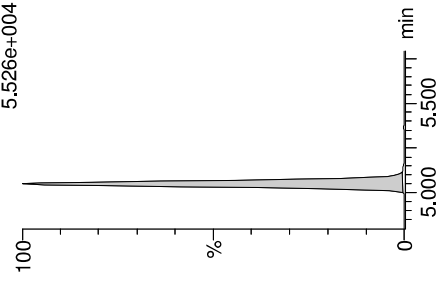
13C2-PFDA

F38:MRM of 1 channel,ES-
515.1 > 469.9
4.361e+005



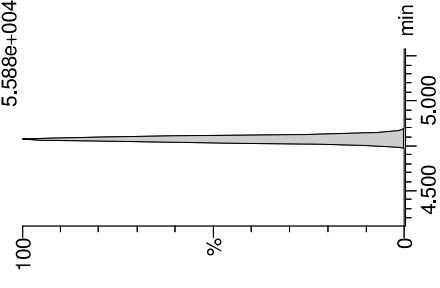
13C2-8:2 FTS

F43:MRM of 1 channel,ES-
529.1 > 508.7
5.526e+004



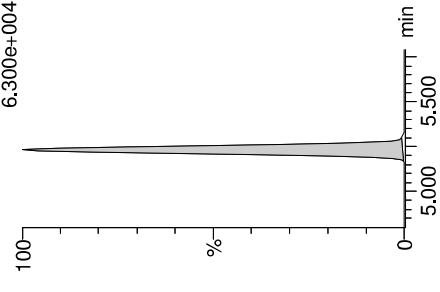
13C8-PFOS

F35:MRM of 1 channel,ES-
507.0 > 79.9
5.588e+004



d3-N-MeFOSAA

F50:MRM of 1 channel,ES-
573.3 > 419
6.300e+004

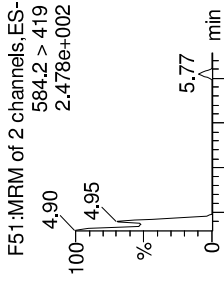


Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-52.qld

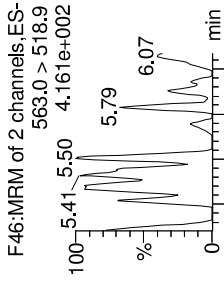
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Printed: Wednesday, May 30, 2018 12:36:15 Pacific Daylight Time

Name: 180527M1_52, Date: 28-May-2018, Time: 02:35:36, ID: B8E0075-BLK1 Method Blank 0.125, Description: Method Blank

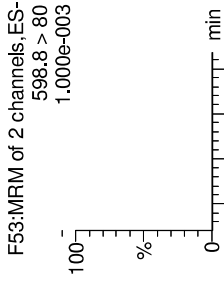
L-EtFOSAA



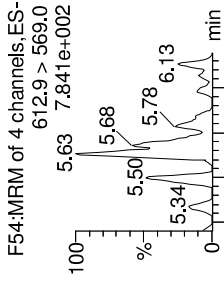
PFUdA



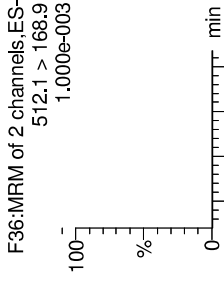
PFDS



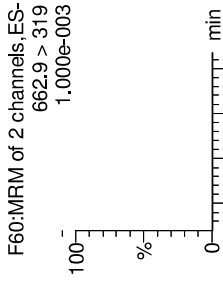
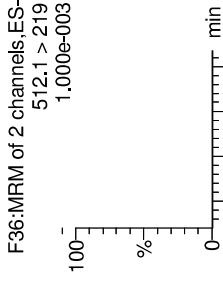
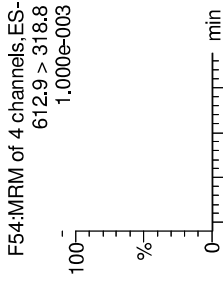
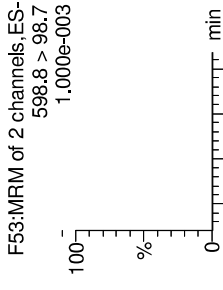
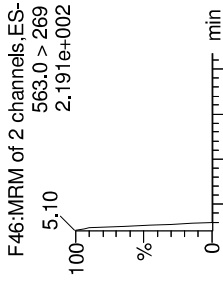
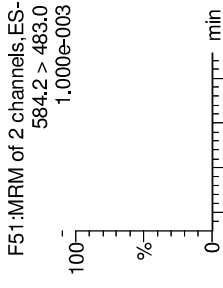
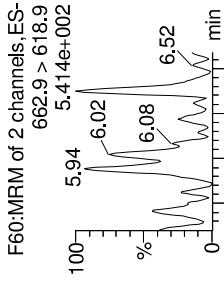
PFDoA



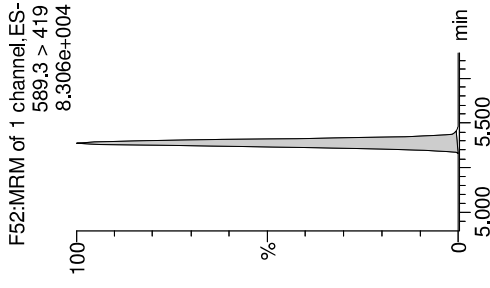
N-MeFOSA



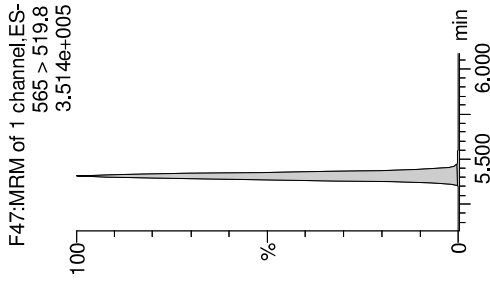
PFTTrDA



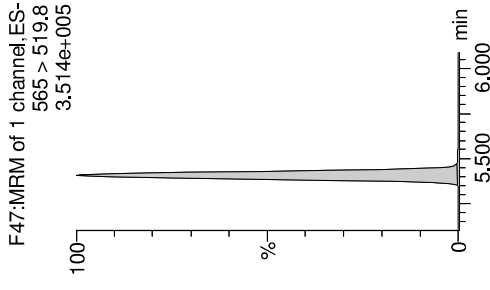
d5-N-EtFOSAA



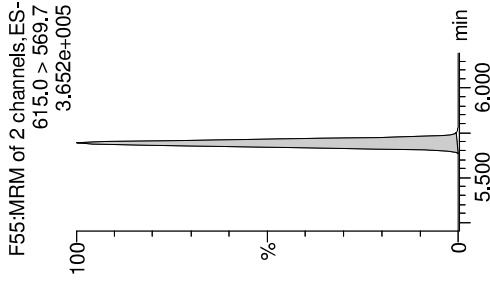
13C2-PFUdA



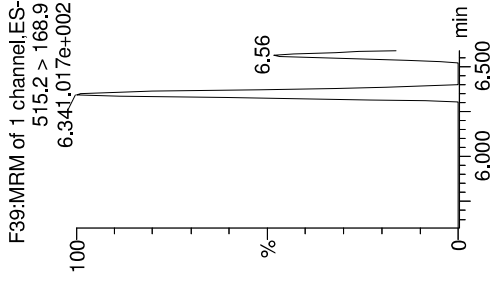
13C2-PFUdA



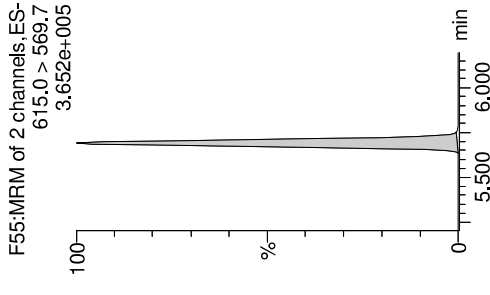
13C2-PFDoA



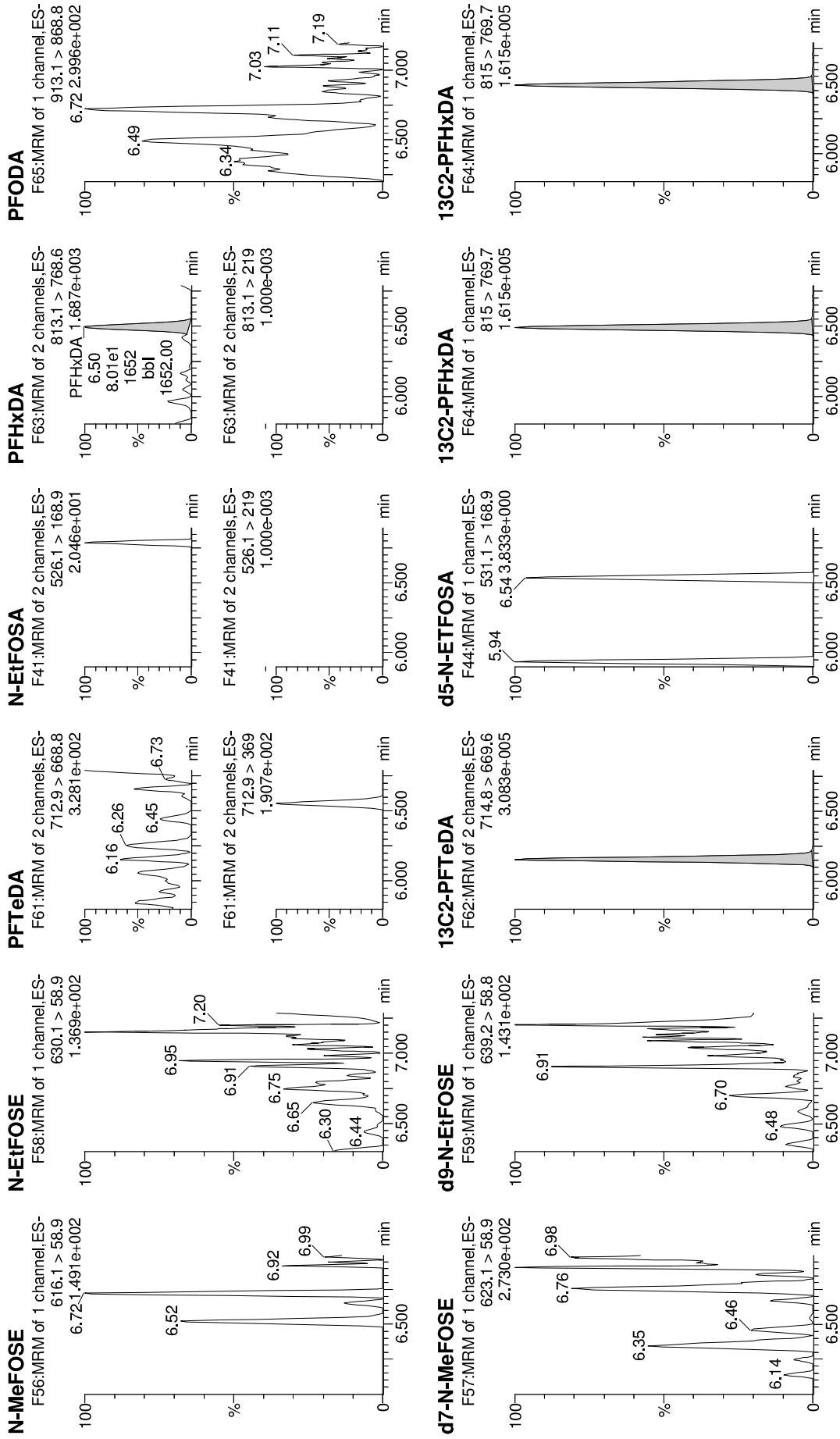
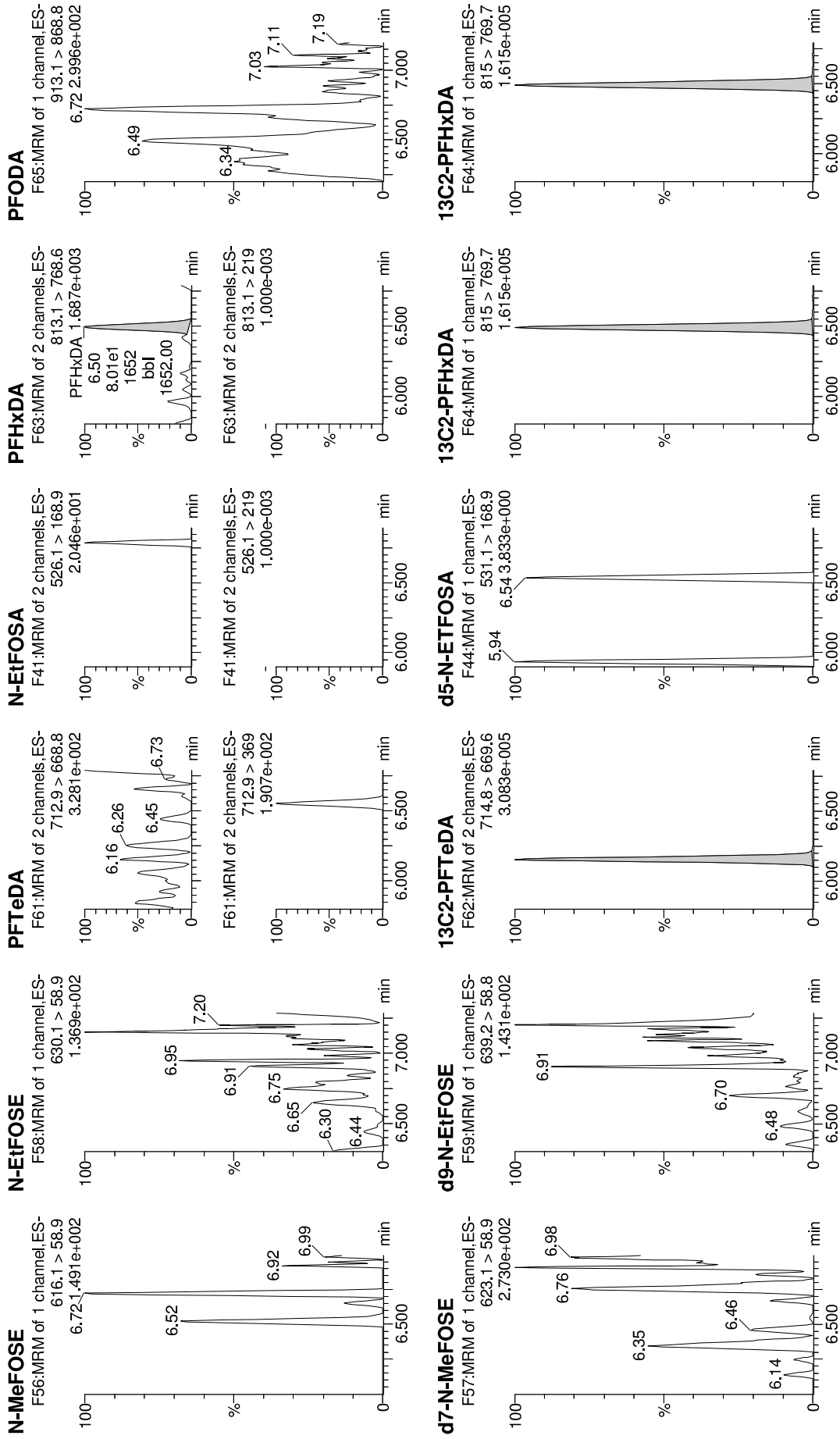
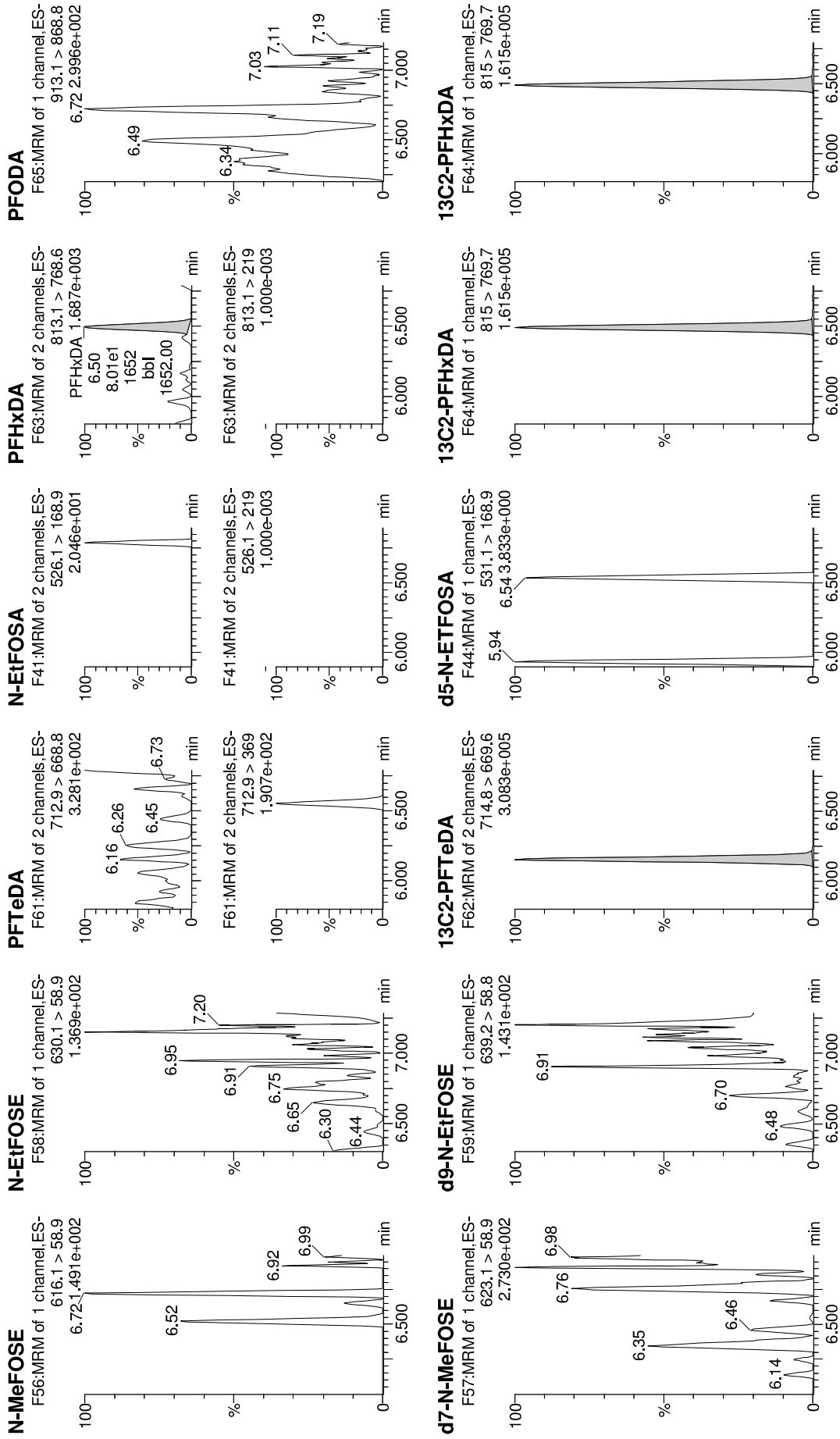
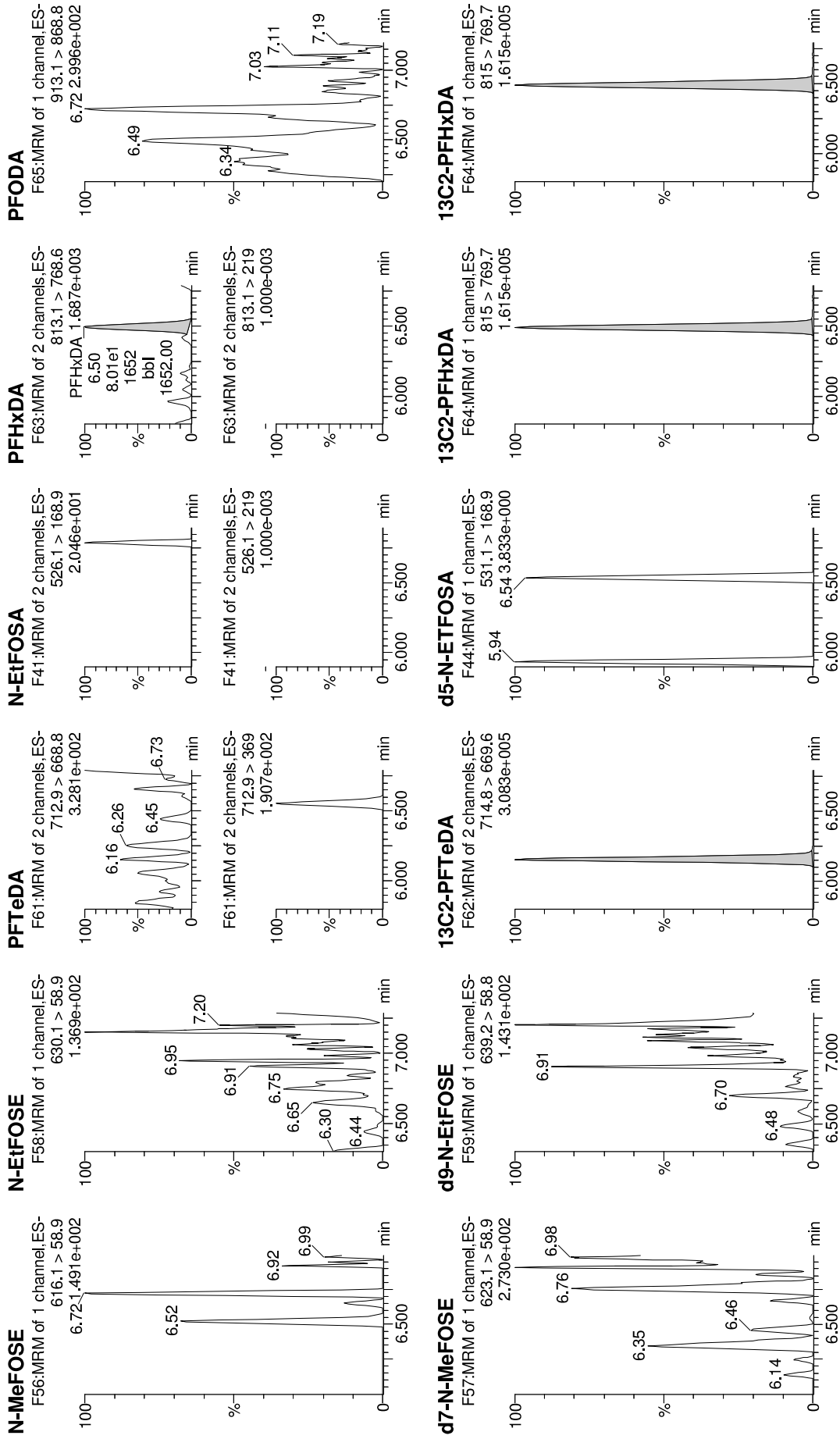
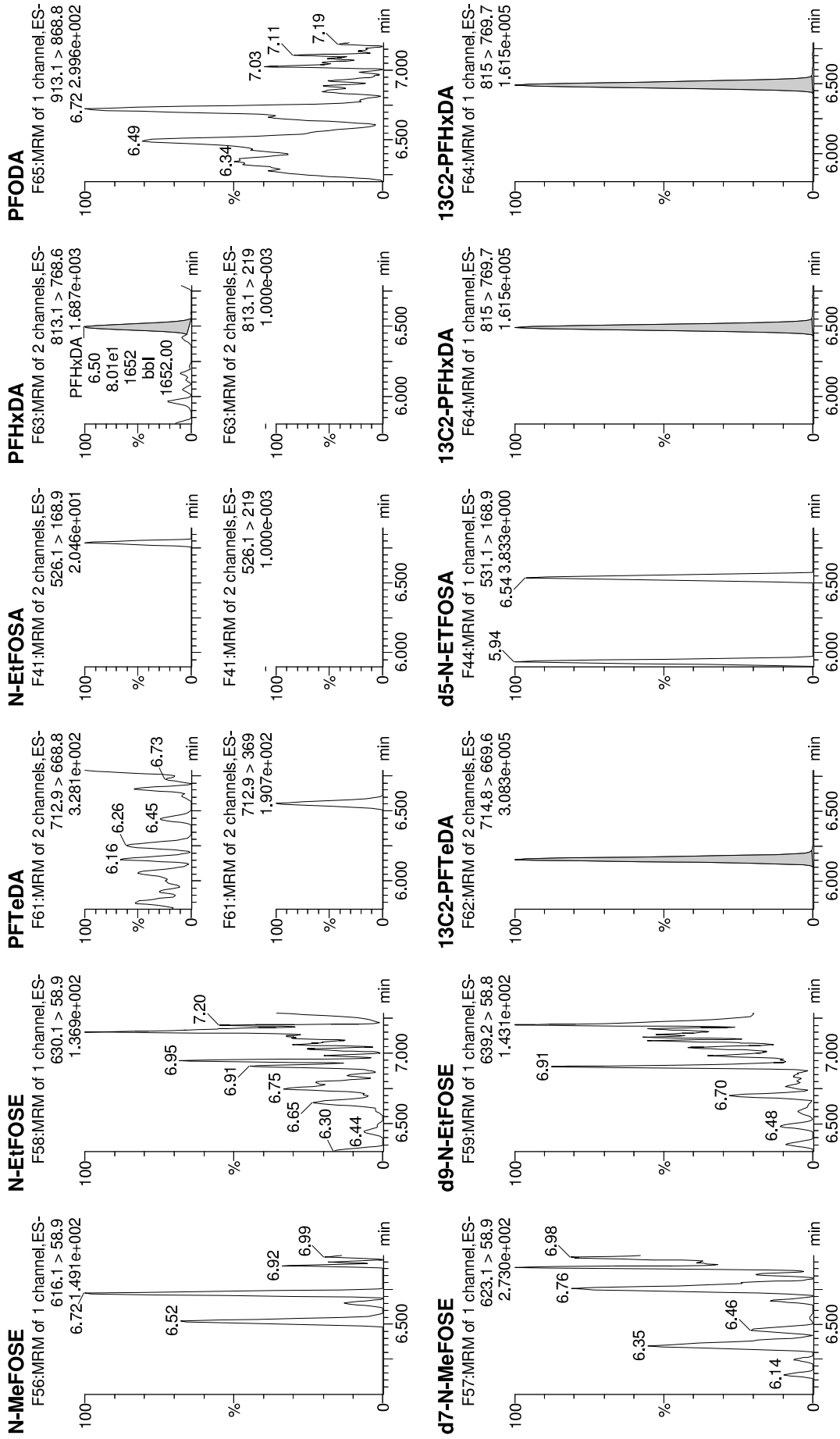
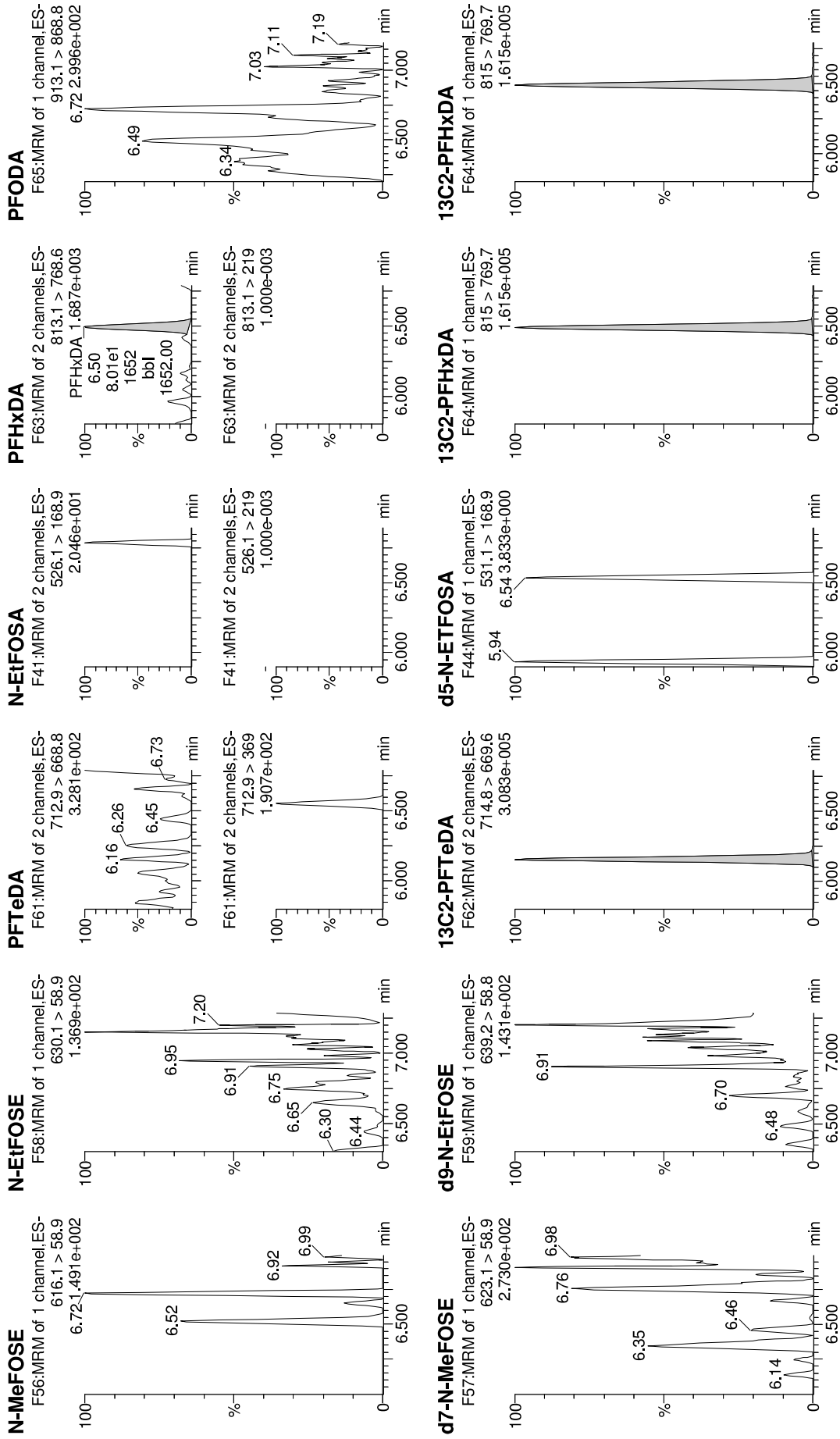
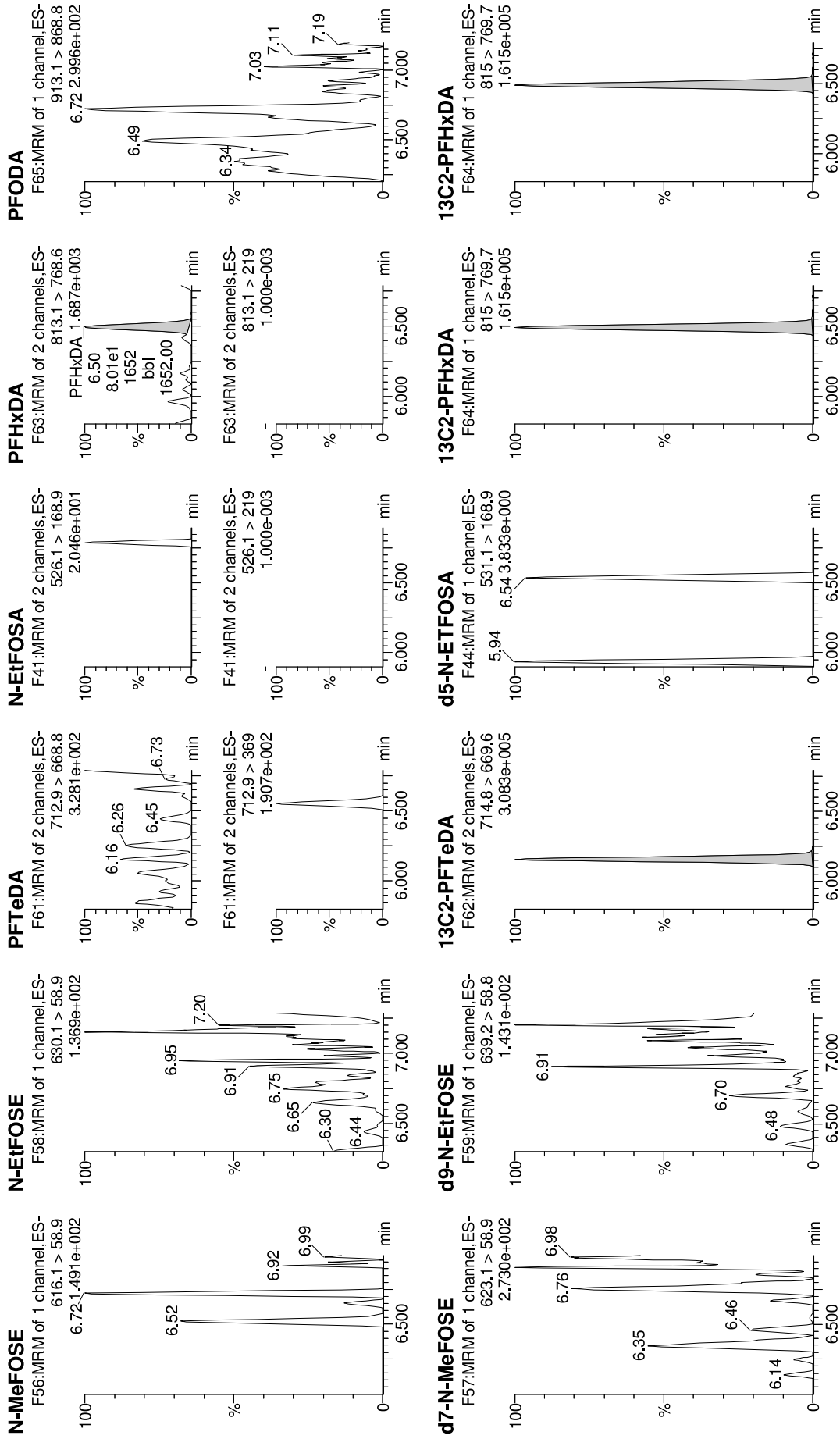
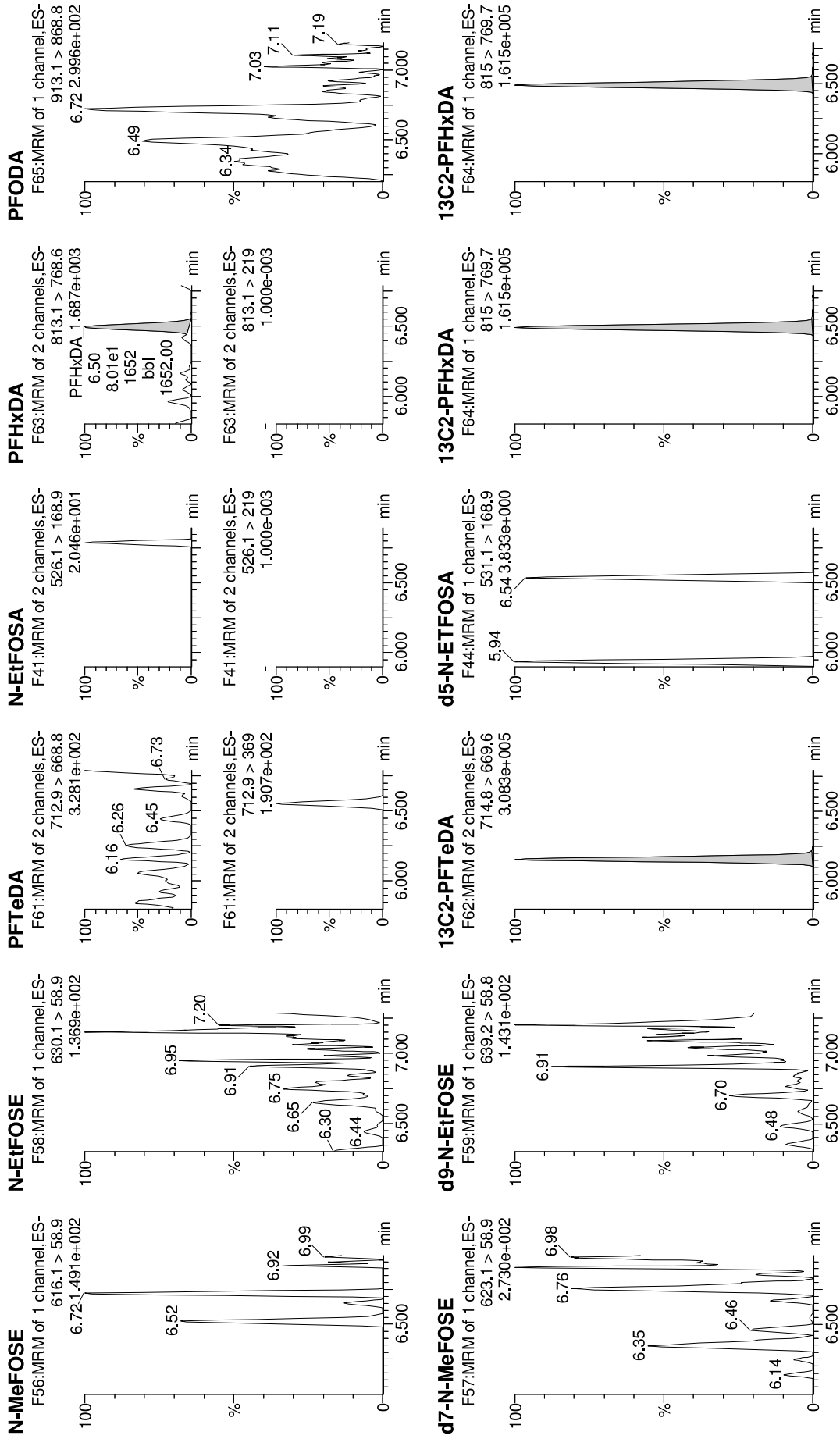
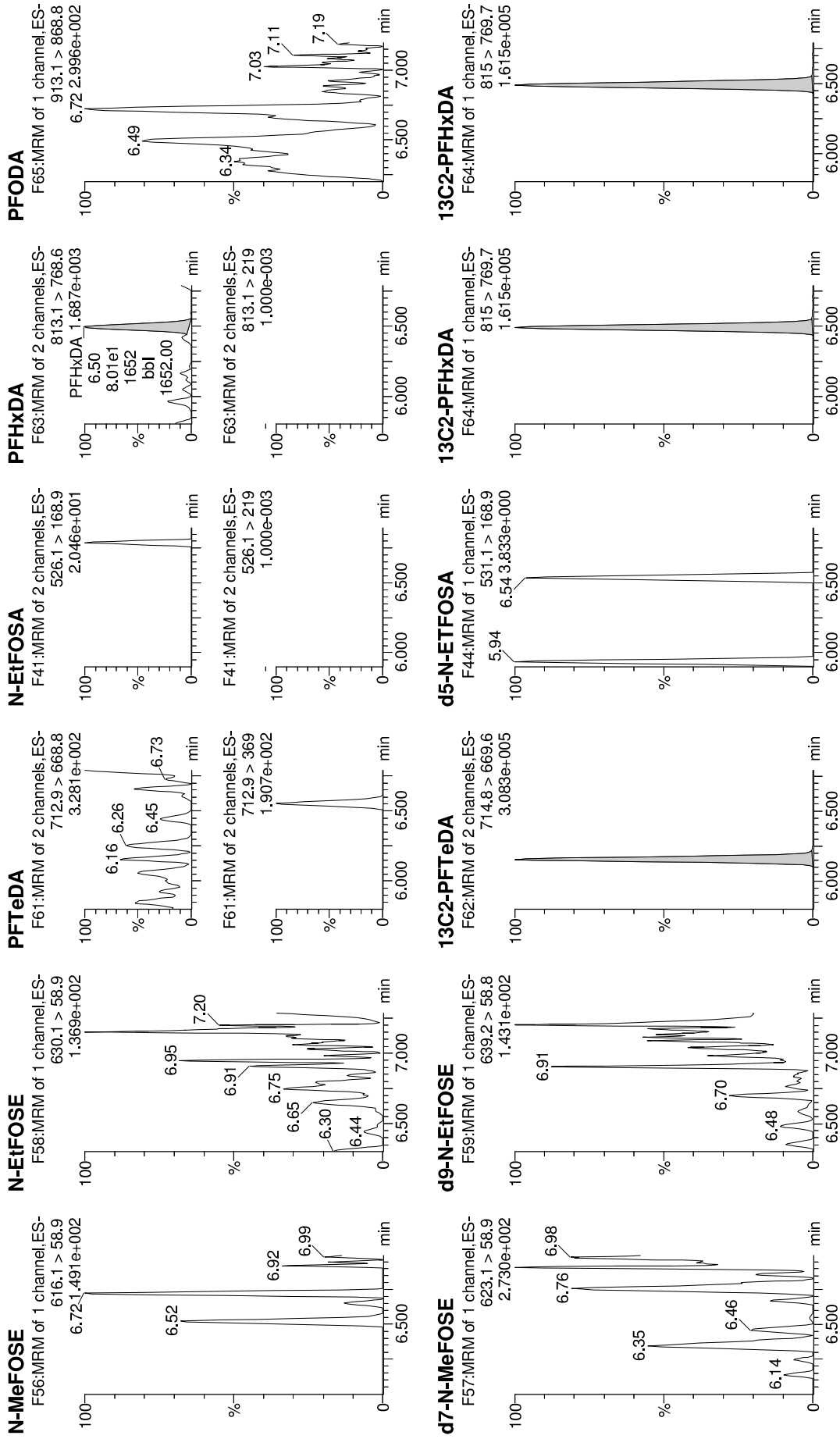
d3-N-MeFOSA



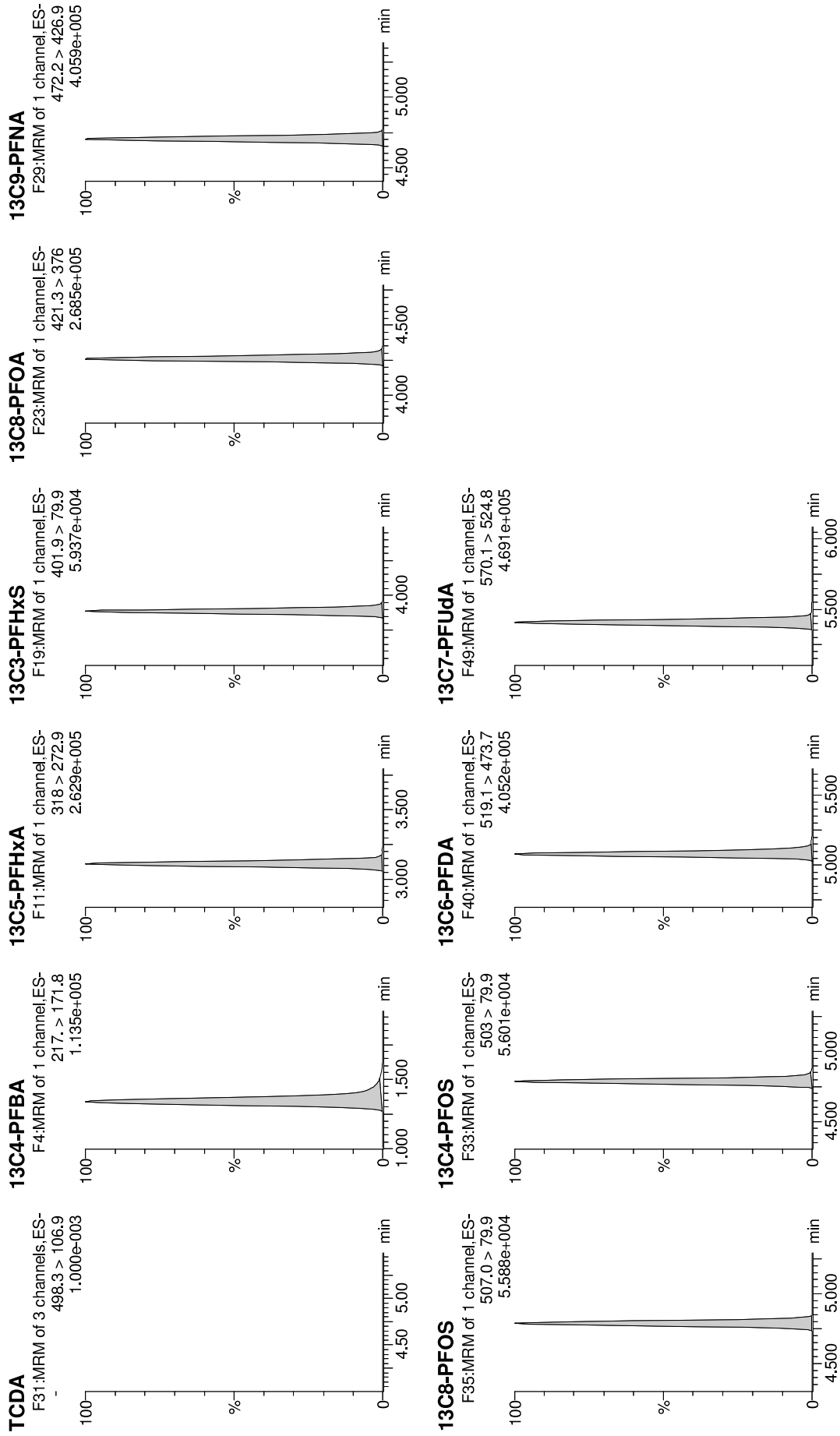
13C2-PFDoA



Name: 180527M1_52, Date: 28-May-2018, Time: 02:35:36, ID: B8E0075-BLK1 Method Blank 0.125, Description: Method Blank



Name: 180527M1_52, Date: 28-May-2018, Time: 02:35:36, ID: B8E0075-BLK1 Method Blank 0.125, Description: Method Blank



Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-50.qld

Last Altered: Wednesday, May 30, 2018 12:21:29 Pacific Daylight Time
Printed: Wednesday, May 30, 2018 12:24:14 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052718.mdb 28 May 2018 09:36:27
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Name: 180527M1_50, Date: 28-May-2018, Time: 02:14:41, ID: B8E0075-BS1 OPR 0.125, Description: OPR

	# Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	6.15e3	6.71e3	0.2500		1.34	1.34	11.5	42.512	106.3		
2	2 PFPeA	263.1 > 218.9	8.17e3	9.97e3	0.2500		2.32	2.32	10.2	41.199	103.0		
3	3 PFBS	299.0 > 79.7	2.05e3	1.25e3	0.2500		2.61	2.61	20.5	42.412	106.0	2.574	NO
4	4 4:2 FTS	327.2>307.2	2.38e3	2.86e3	0.2500		3.03	3.03	10.4	43.216	108.0	1.717	NO
5	5 PFHxA	313.2 > 268.9	1.10e4	3.61e3	0.2500		3.11	3.11	15.2	41.936	104.8	291.245	NO
6	6 PFPeS	349.1>80.1	1.96e3	1.25e3	0.2500		3.33	3.31	19.6	42.760	106.9	1.659	NO
7	7 PFHpA	363.0 > 318.9	1.00e4	1.02e4	0.2500		3.73	3.73	12.2	41.507	103.8	23.585	NO
8	8 L-PFHxS	398.9 > 79.6	1.49e3	1.02e3	0.2500		3.91	3.89	18.3	43.084	107.7	1.454	NO
9	10 6:2 FTS	427.1 > 407	2.73e3	2.82e3	0.2500		4.31	4.20	12.1	48.105	120.3	2.957	NO
10	11 L-PFOA	413 > 368.7	1.35e4	1.63e4	0.2500		4.40	4.26	10.4	41.552	103.9	5.036	NO
11	13 PFHpS	449 > 80.0	1.92e3	1.63e4	0.2500		4.48	4.38	1.48	36.734	91.8	1.727	NO
12	14 PFNA	463.0 > 418.8	1.51e4	1.58e4	0.2500		4.82	4.70	11.9	39.331	98.3	5.163	NO
13	15 PFOSA	498.2 > 77.9	1.73e3	2.20e3	0.2500		4.89	4.77	9.83	43.993	110.0	41.435	NO
14	16 L-PFOS	499.1 > 79.9	2.09e3	2.81e3	0.2500		4.90	4.79	9.30	42.155	105.4	1.799	NO
15	18 PFDA	513 > 468.8	1.57e4	2.11e4	0.2500		5.20	5.08	9.28	36.615	91.5	6.883	NO
16	19 8:2 FTS	527 > 506.9	2.76e3	2.74e3	0.2500		5.17	5.05	12.6	37.720	94.3	2.667	NO
17	20 PFNS	549.1>80.1	1.83e3	2.81e3	0.2500		5.27	5.14	8.14	42.099	105.2	1.723	NO
18	21 L-MeFOSAA	570.1 > 419	5.66e3	3.50e3	0.2500		5.35	5.23	20.2	45.973	114.9	18.000	YES
19	23 L-EtFOSAA	584.2 > 419	4.22e3	4.35e3	0.2500		5.52	5.39	12.1	48.766	121.9	14.813	YES

Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-50.qld

Last Altered: Wednesday, May 30, 2018 12:21:29 Pacific Daylight Time
Printed: Wednesday, May 30, 2018 12:24:25 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052718.mdb 28 May 2018 09:36:27
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Name: 180527M1_50, Date: 28-May-2018, Time: 02:14:41, ID: B8E0075-BS1 OPR 0.125, Description: OPR

	# Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Ion Ratio	Ratio Out?
1	25 PFUdA	563.0 > 518.9	1.46e4	1.81e4	0.2500		5.53	5.41	10.1	37.651	94.1	12.247	NO
2	26 PFDS	598.8 > 80	2.29e3	1.81e4	0.2500		5.58	5.45	1.58	42.619	106.5	2.196	NO
3	27 PFDoA	612.9 > 569.0	1.73e4	1.77e4	0.2500		5.82	5.69	12.2	40.784	102.0	9.397	NO
4	28 N-MeFOSA	512.1 > 168.9	1.53e3		0.2500		6.00	5.85				1.213	NO
5	29 PFTTrDA	662.9 > 618.9	1.59e4	1.77e4	0.2500		6.07	5.94	11.2	35.038	87.6	36.662	NO
6	30 PFTTeDA	712.9 > 668.8	1.46e4	1.45e4	0.2500		6.29	6.16	12.6	40.890	102.2	13.307	NO
7	31 N-EtFOSA	526.1 > 168.9	1.81e3		0.2500		6.40	6.26				1.271	NO
8	32 PFHxDA	813.1 > 768.6	1.08e4	8.44e3	0.2500		6.61	6.49	6.41	41.455	103.6	52.221	NO
9	33 PFODA	913.1 > 868.8	1.41e2	8.44e3	0.2500		6.84	6.72	0.0836	0.541	1.4		
10	34 N-MeFOSE	616.1 > 58.9	1.62e3		0.2500		6.54	6.42					
11	35 N-EtFOSE	630.1 > 58.9	1.93e3		0.2500		6.69	6.56					
12	36 13C3-PFBA	216.1 > 171.8	6.71e3	7.09e3	0.2500	0.874	1.42	1.34	11.8	54.149	108.3		
13	37 13C3-PFPeA	266. > 221.8	9.97e3	1.16e4	0.2500	0.834	2.40	2.32	10.8	51.563	103.1		
14	38 13C3-PFBS	302. > 98.8	1.25e3	1.16e4	0.2500	0.101	2.68	2.61	1.35	53.553	107.1		
15	39 13C2-4:2 FTS	329.2>308.9	2.86e3	1.16e4	0.2500	0.238	3.10	3.03	3.08	51.732	103.5		
16	40 13C2-PFHxA	315 > 269.8	3.61e3	1.16e4	0.2500	0.731	3.19	3.11	3.90	21.322	106.6		
17	41 13C4-PFHpA	367.2 > 321.8	1.02e4	1.16e4	0.2500	0.820	3.83	3.73	11.0	53.718	107.4		
18	42 18O2-PFHxS	403.0 > 102.6	1.02e3	2.22e3	0.2500	0.429	3.99	3.89	5.74	53.516	107.0		
19	43 13C2-6:2 FTS	429.1 > 408.9	2.82e3	1.38e4	0.2500	0.235	4.31	4.20	2.55	43.460	86.9		
20	44 13C2-PFOA	414.9 > 369.7	1.63e4	1.38e4	0.2500	1.222	4.37	4.26	14.7	48.196	96.4		
21	45 13C5-PFNA	468.2 > 422.9	1.58e4	1.54e4	0.2500	0.950	4.82	4.70	12.8	54.081	108.2		
22	46 13C8-PFOA	506.1 > 77.7	2.20e3	1.87e4	0.2500	0.190	4.89	4.76	1.47	30.886	61.8		
23	47 13C8-PFOS	507.0 > 79.9	2.81e3	2.57e3	0.2500	1.018	4.90	4.79	13.6	53.652	107.3		
24	48 13C2-PFDA	515.1 > 469.9	2.11e4	1.68e4	0.2500	1.175	5.20	5.08	15.7	53.551	107.1		
25	49 13C2-8:2 FTS	529.1 > 508.7	2.74e3	1.16e4	0.2500	0.245	5.17	5.05	2.95	48.125	96.2		
26	50 d3-N-MeFOSAA	573.3 > 419	3.50e3	1.87e4	0.2500	0.202	5.35	5.23	2.34	46.363	92.7		
27	51 d5-N-EtFOSAA	589.3 > 419	4.35e3	1.87e4	0.2500	0.242	5.51	5.39	2.90	47.946	95.9		
28	52 13C2-PFUdA	565 > 519.8	1.81e4	1.87e4	0.2500	1.062	5.53	5.40	12.0	45.385	90.8		
29	53 13C2-PFDoA	615.0 > 569.7	1.77e4	1.68e4	0.2500	1.048	5.82	5.69	13.2	50.349	100.7		
30	54 d3-N-MeFOSA	515.2 > 168.9		1.87e4	0.2500	0.058	6.02						
31	55 13C2-PFTTeDA	714.8 > 669.6	1.45e4	1.87e4	0.2500	0.871	6.29	6.16	9.68	44.448	88.9		
32	56 d5-N-ETFOSA	531.1 > 168.9		1.87e4	0.2500	0.073	6.41					GM	5/30/2018

Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-50.qld

Last Altered: Wednesday, May 30, 2018 12:21:29 Pacific Daylight Time
Printed: Wednesday, May 30, 2018 12:24:25 Pacific Daylight Time

Name: 180527M1_50, Date: 28-May-2018, Time: 02:14:41, ID: B8E0075-BS1 OPR 0.125, Description: OPR

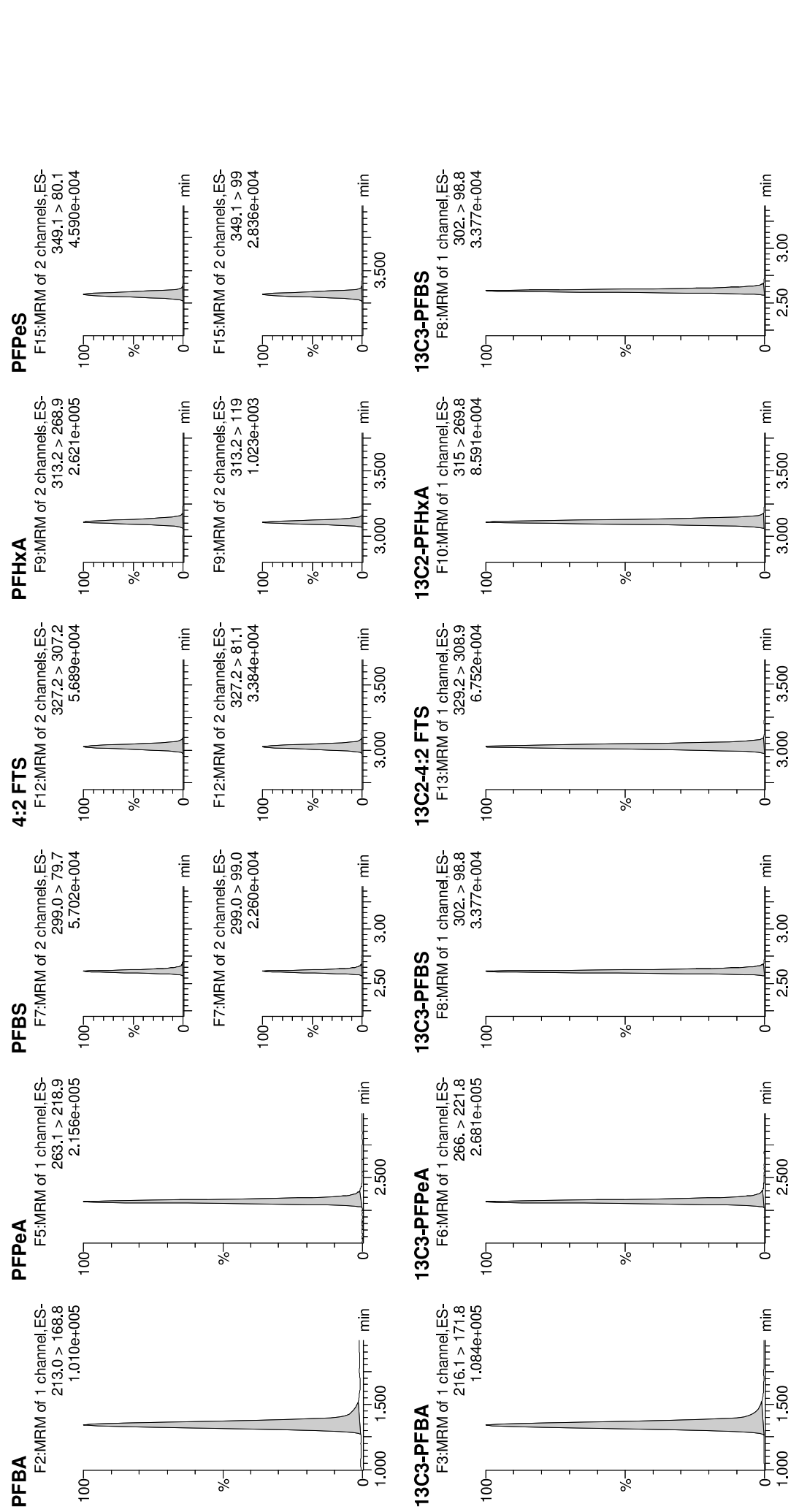
	#	Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Ion Ratio	Ratio Out?
33	57	13C2-PFHxDA	815 > 769.7	8.44e3	1.87e4	0.2500	1.232	6.61	6.49	5.63	18.271	91.4		
34	58	d7-N-MeFOSE	623.1 > 58.9		1.87e4	0.2500	0.039	6.53						
35	59	d9-N-EtFOSE	639.2 > 58.8		1.87e4	0.2500	0.037	6.67						
36	60	13C4-PFBA	217. > 171.8	7.09e3	7.09e3	0.2500	1.000	1.42	1.34	12.5	50.000	100.0		
37	61	13C5-PFHxA	318 > 272.9	1.16e4	1.16e4	0.2500	1.000	3.19	3.11	12.5	50.000	100.0		
38	62	13C3-PFHxS	401.9 > 79.9	2.22e3	2.22e3	0.2500	1.000	3.99	3.89	12.5	50.000	100.0		
39	63	13C8-PFOA	421.3 > 376	1.38e4	1.38e4	0.2500	1.000	4.37	4.26	12.5	50.000	100.0		
40	64	13C9-PFNA	472.2 > 426.9	1.54e4	1.54e4	0.2500	1.000	4.82	4.70	12.5	50.000	100.0		
41	65	13C4-PFOS	503 > 79.9	2.57e3	2.57e3	0.2500	1.000	4.90	4.79	12.5	50.000	100.0		
42	66	13C6-PFDA	519.1 > 473.7	1.68e4	1.68e4	0.2500	1.000	5.20	5.08	12.5	50.000	100.0		
43	67	13C7-PFUDa	570.1 > 524.8	1.87e4	1.87e4	0.2500	1.000	5.53	5.40	12.5	50.000	100.0		
44	68	Total PFHxS	398.9 > 79.6	1.49e3	1.02e3	0.2500		4.05		18.3	43.084			
45	69	Total PFOA	413 > 368.7	1.35e4	1.63e4	0.2500		4.30		10.4	41.552			
46	70	Total PFOS	499.1 > 79.9	2.09e3	2.81e3	0.2500		4.90		9.30	42.155			
47	71	Total N-MeFOSAA	570.1 > 419	5.66e3	3.50e3	0.2500		5.55		20.2	45.973			
48	72	Total N-EtFOSAA	584.2 > 419	4.22e3	4.35e3	0.2500		5.70		12.1	48.766			

Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-50.qld

Last Altered: Wednesday, May 30, 2018 12:21:29 Pacific Daylight Time
Printed: Wednesday, May 30, 2018 12:24:25 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052718.mdb 28 May 2018 09:36:27
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

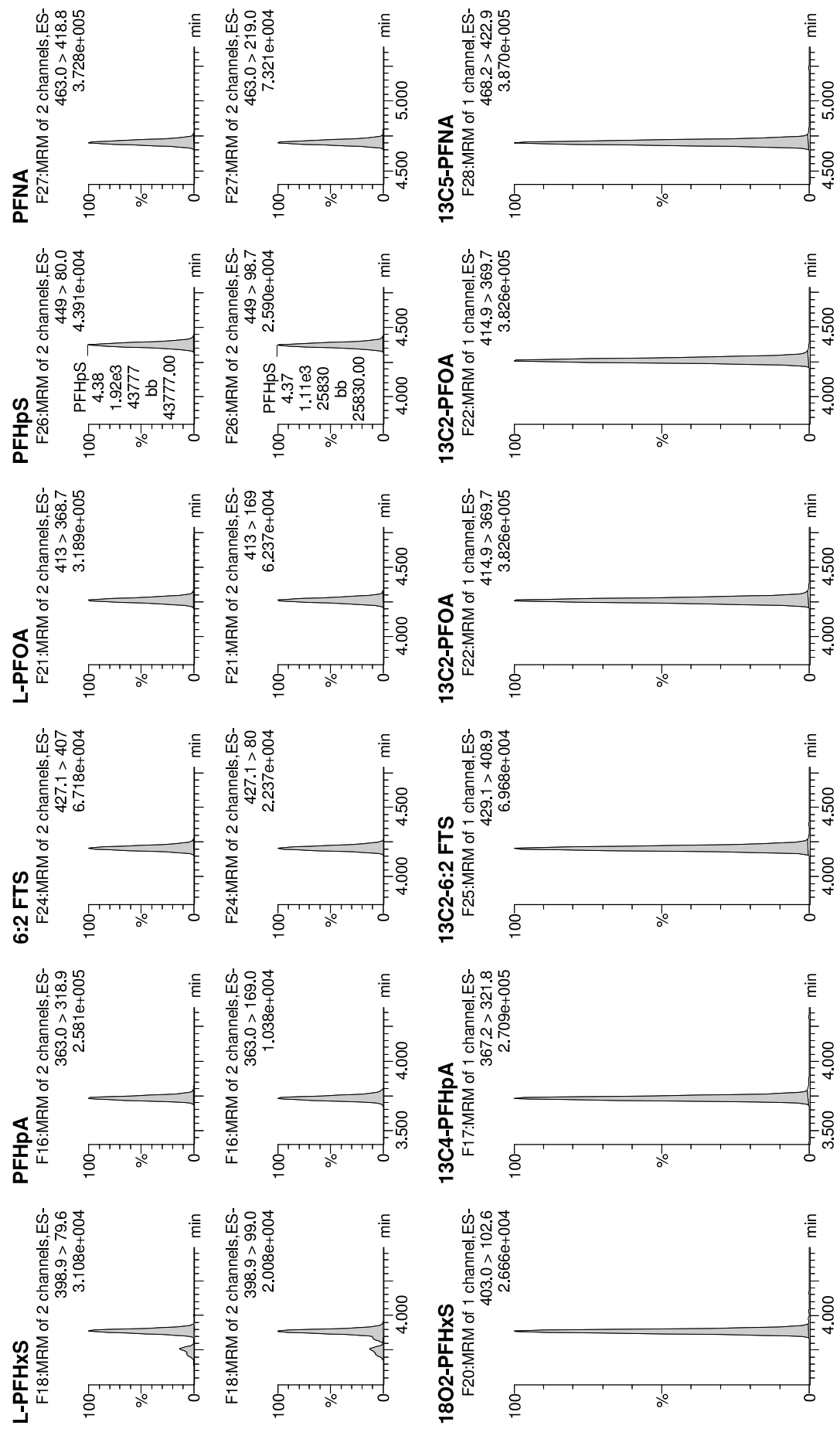
Name: 180527M1_50, Date: 28-May-2018, Time: 02:14:41, ID: B8E0075-BS1 OPR 0.125, Description: OPR



Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-50.qld

Last Altered: Wednesday, May 30, 2018 12:21:29 Pacific Daylight Time
Printed: Wednesday, May 30, 2018 12:24:25 Pacific Daylight Time

Name: 180527M1_50, Date: 28-May-2018, Time: 02:14:41, ID: B8E0075-BS1 OPR 0.125, Description: OPR

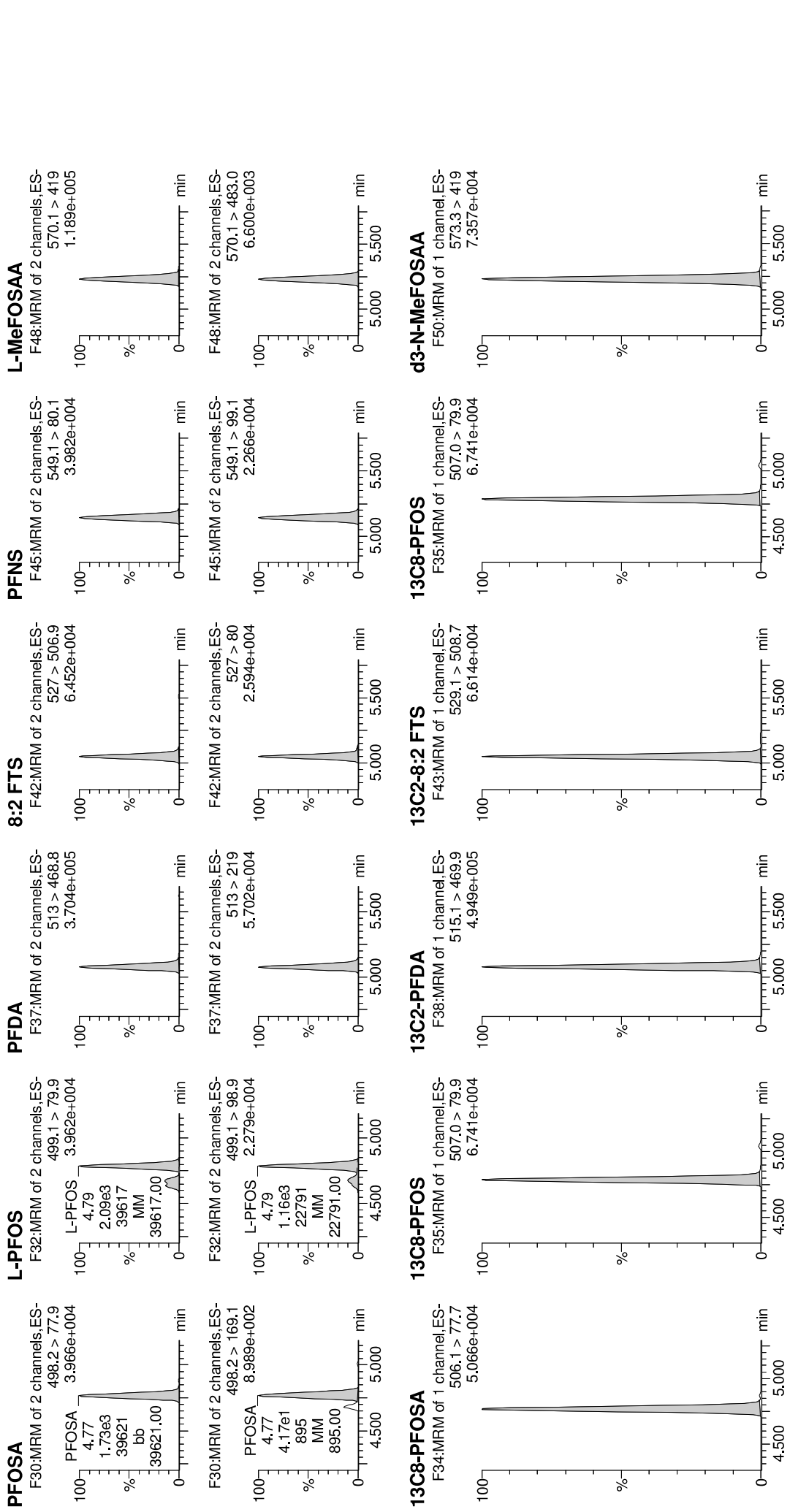


Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-50.qld

Last Altered: Wednesday, May 30, 2018 12:21:29 Pacific Daylight Time

Printed: Wednesday, May 30, 2018 12:24:25 Pacific Daylight Time

Name: 180527M1_50, Date: 28-May-2018, Time: 02:14:41, ID: B8E0075-BS1 OPR 0.125, Description: OPR



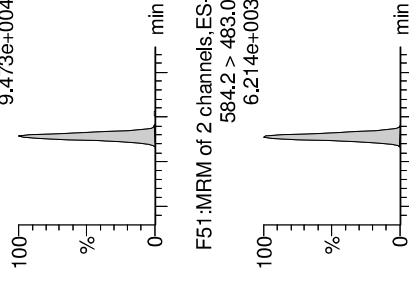
Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-50.qld

Last Altered: Wednesday, May 30, 2018 12:21:29 Pacific Daylight Time
Printed: Wednesday, May 30, 2018 12:24:25 Pacific Daylight Time

Name: 180527M1_50, Date: 28-May-2018, Time: 02:14:41, ID: B8E0075-BS1 OPR 0.125, Description: OPR

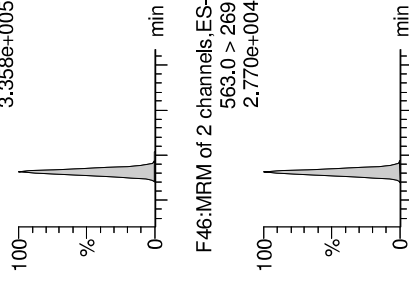
L-EtFOSAA

F51:MRM of 2 channels,ES-
584.2 > 419
9.473e+004



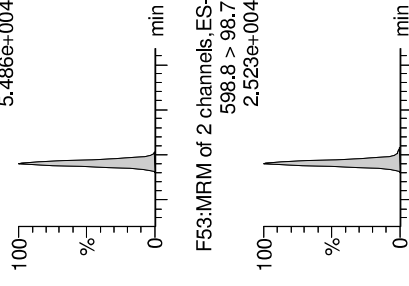
PFUdA

F46:MRM of 2 channels,ES-
563.0 > 518.9
3.358e+005



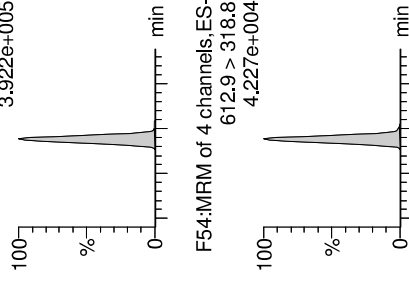
PFDS

F53:MRM of 2 channels,ES-
598.8 > 80
5.486e+004



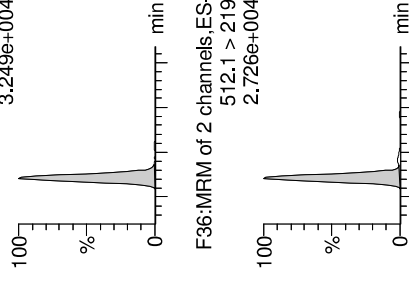
PFDdA

F54:MRM of 4 channels,ES-
612.9 > 569.0
3.922e+005



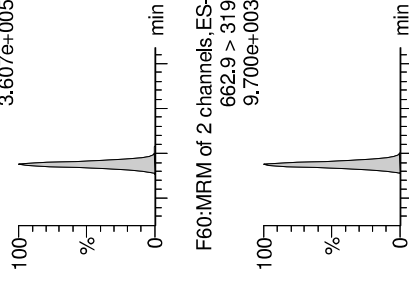
N-MeFOSA

F36:MRM of 2 channels,ES-
512.1 > 168.9
3.249e+004

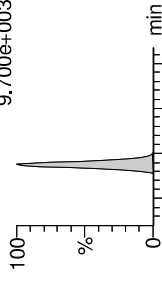


PFTTrDA

F60:MRM of 2 channels,ES-
662.9 > 618.9
3.607e+005

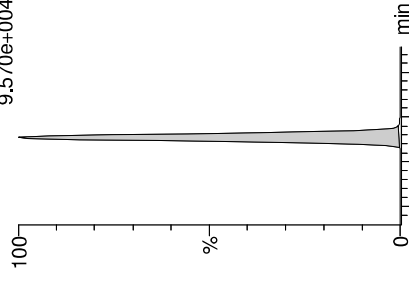


F60:MRM of 2 channels,ES-
662.9 > 319
9.700e+003



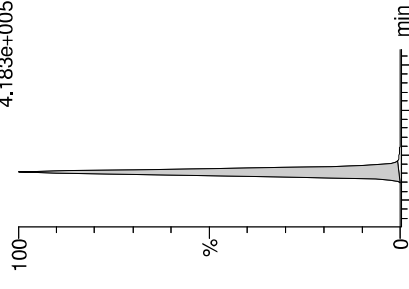
d5-N-EtFOSAA

F52:MRM of 1 channel,ES-
589.3 > 419
9.570e+004



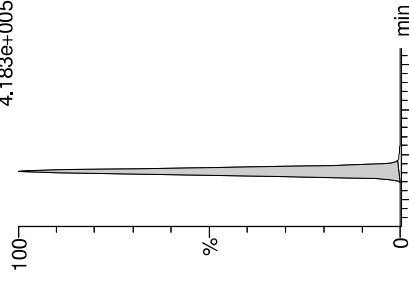
13C2-PFUdA

F47:MRM of 1 channel,ES-
565 > 519.8
4.183e+005



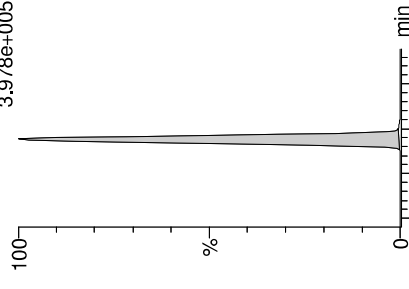
13C2-PFUdA

F47:MRM of 1 channel,ES-
565 > 519.8
4.183e+005



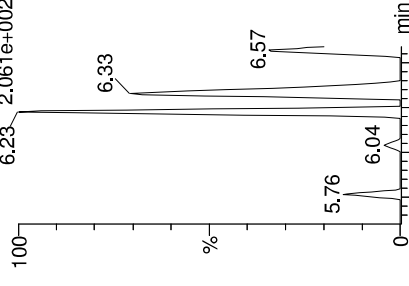
13C2-PFDdA

F55:MRM of 2 channels,ES-
615.0 > 569.7
3.978e+005



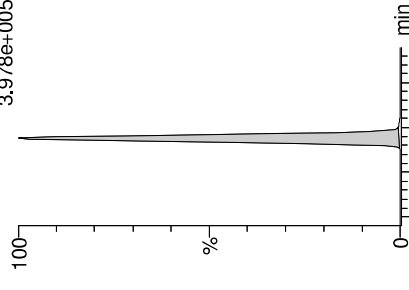
d3-N-MeFOSA

F39:MRM of 1 channel,ES-
515.2 > 168.9
2.061e+002



13C2-PFDdA

F55:MRM of 2 channels,ES-
615.0 > 569.7
3.978e+005

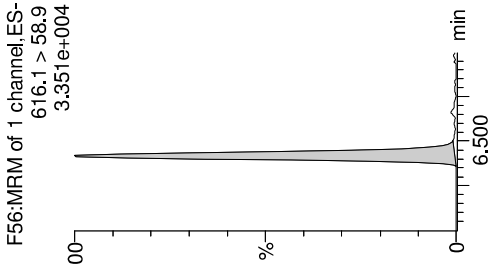


Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-50.qld

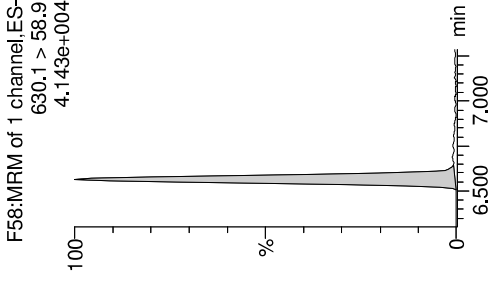
Last Altered: Wednesday, May 30, 2018 12:21:29 Pacific Daylight Time
Printed: Wednesday, May 30, 2018 12:24:25 Pacific Daylight Time

Name: 180527M1_50, Date: 28-May-2018, Time: 02:14:41, ID: B8E0075-BS1 OPR 0.125, Description: OPR

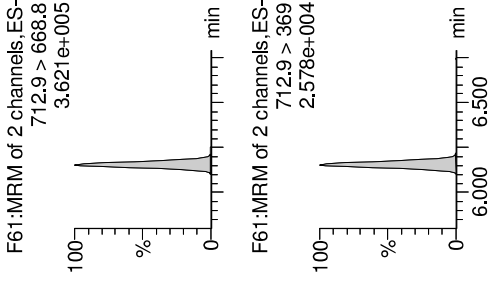
N-MeFOSE



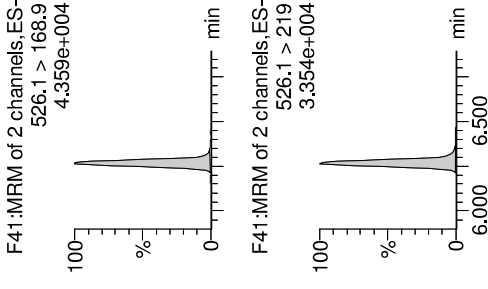
N-EtFOSE



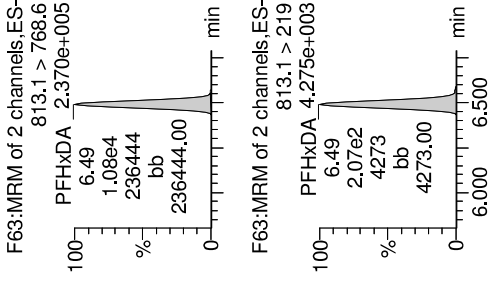
PFTeDA



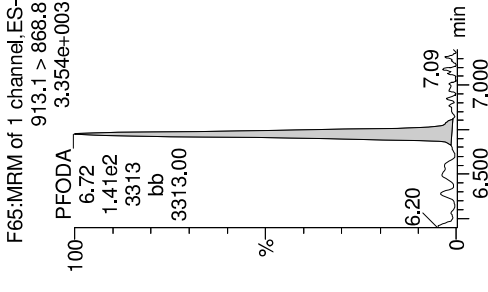
N-EtFOSA



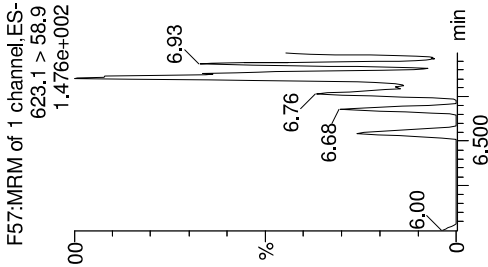
PFHxDa



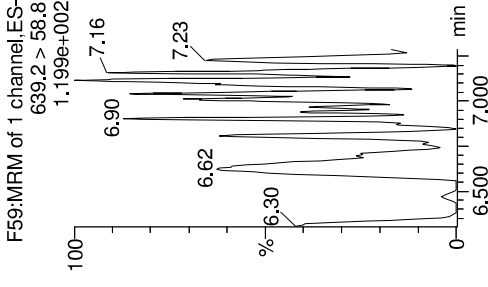
PFODA



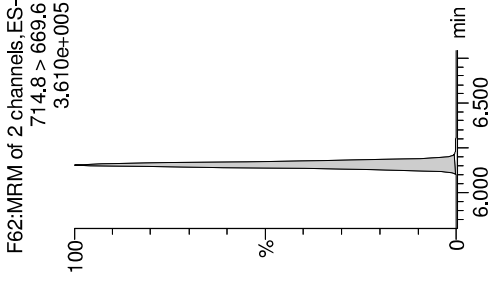
d7-N-MeFOSE



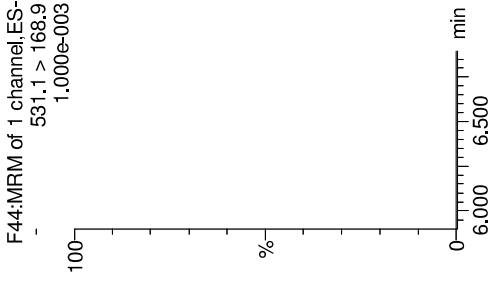
d9-N-EtFOSE



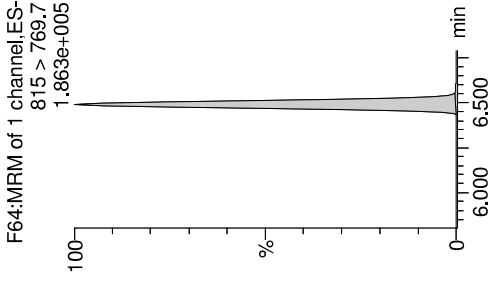
13C2-PFTeDA



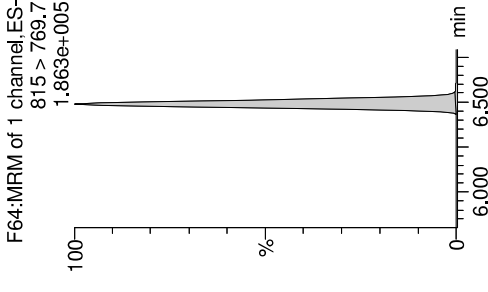
d5-N-EtFOSA



13C2-PFHxDa



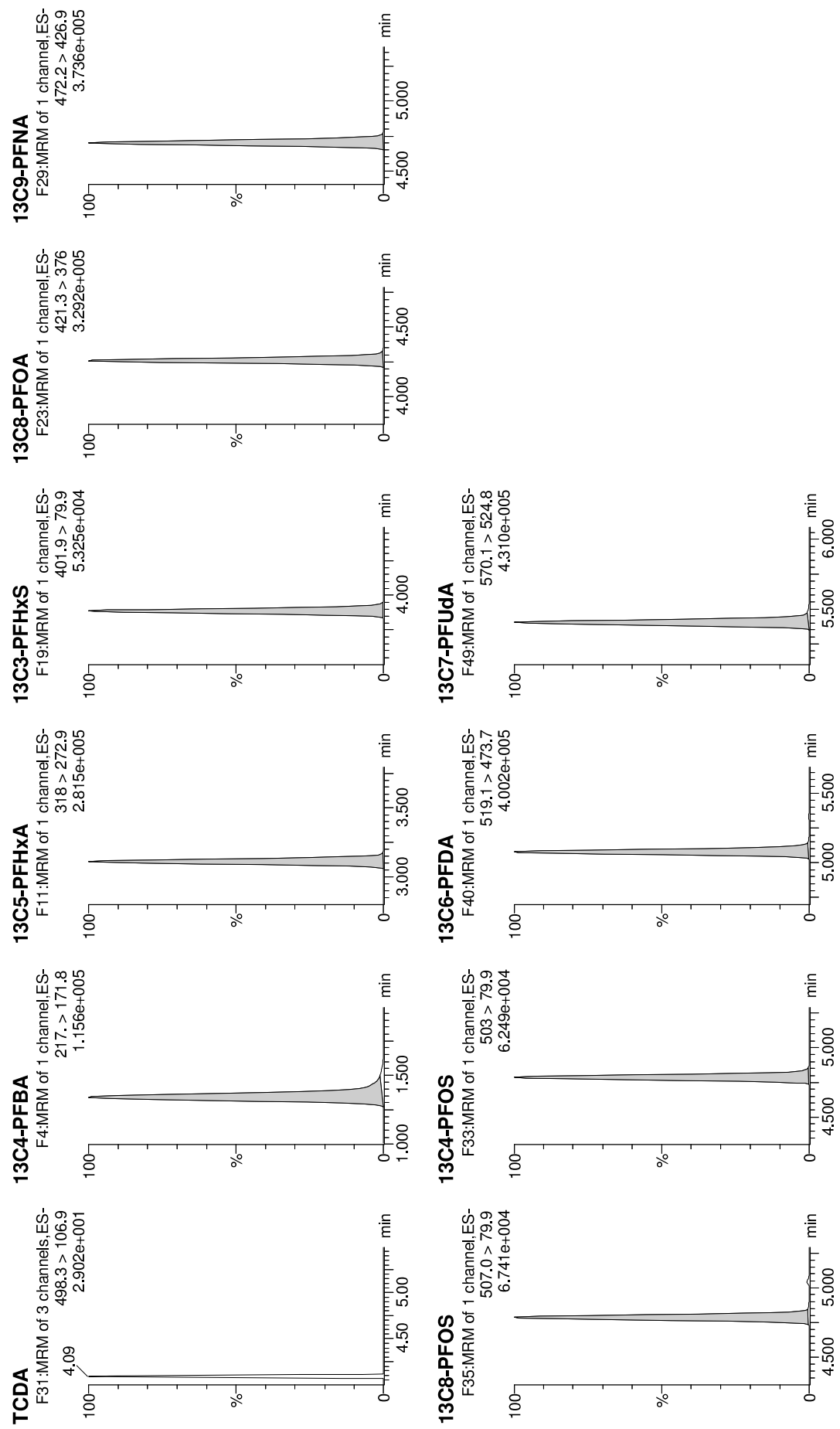
13C2-PFHxDa



Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-50.qld

Last Altered: Wednesday, May 30, 2018 12:21:29 Pacific Daylight Time
Printed: Wednesday, May 30, 2018 12:24:25 Pacific Daylight Time

Name: 180527M1_50, Date: 28-May-2018, Time: 02:14:41, ID: B8E0075-BS1 OPR 0.125, Description: OPR



Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-51.qld

Last Altered: Wednesday, May 30, 2018 12:26:15 Pacific Daylight Time
Printed: Wednesday, May 30, 2018 12:26:51 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052718.mdb 28 May 2018 09:36:27
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Name: 180527M1_51, Date: 28-May-2018, Time: 02:25:11, ID: B8E0075-BSD1 LCSD 0.125, Description: LCSD

	# Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Ion Ratio	Ratio Out?
1	1 PFBA	213.0 > 168.8	6.29e3	6.75e3	0.2500		1.35	1.36	11.6	43.208	108.0		
2	2 PFPeA	263.1 > 218.9	8.66e3	9.76e3	0.2500		2.32	2.32	11.1	44.634	111.6		
3	3 PFBS	299.0 > 79.7	2.09e3	1.25e3	0.2500		2.62	2.61	20.9	43.390	108.5	2.605	NO
4	4 4:2 FTS	327.2>307.2	2.40e3	2.78e3	0.2500		3.02	3.03	10.8	44.959	112.4	1.729	NO
5	5 PFHxA	313.2 > 268.9	1.20e4	3.48e3	0.2500		3.11	3.11	17.2	47.426	118.6	369.259	YES
6	6 PFPeS	349.1>80.1	2.07e3	1.25e3	0.2500		3.34	3.32	20.8	45.314	113.3	1.722	NO
7	7 PFHpA	363.0 > 318.9	1.12e4	1.14e4	0.2500		3.73	3.73	12.2	41.495	103.7	29.566	NO
8	8 L-PFHxS	398.9 > 79.6	1.49e3	1.07e3	0.2500		3.91	3.89	17.5	41.239	103.1	1.467	NO
9	10 6:2 FTS	427.1 > 407	2.77e3	3.10e3	0.2500		4.31	4.20	11.2	44.238	110.6	3.119	NO
10	11 L-PFOA	413 > 368.7	1.39e4	1.59e4	0.2500		4.40	4.26	11.0	43.964	109.9	4.799	NO
11	13 PFHpS	449 > 80.0	2.11e3	1.59e4	0.2500		4.48	4.38	1.66	41.307	103.3	1.967	NO
12	14 PFNA	463.0 > 418.8	1.57e4	1.62e4	0.2500		4.82	4.70	12.2	40.065	100.2	5.514	NO
13	15 PFOSA	498.2 > 77.9	1.76e3	2.26e3	0.2500		4.89	4.77	9.74	43.581	109.0	67.158	YES
14	16 L-PFOS	499.1 > 79.9	2.09e3	2.58e3	0.2500		4.90	4.79	10.1	45.889	114.7	1.808	NO
15	18 PFDA	513 > 468.8	1.77e4	2.16e4	0.2500		5.20	5.08	10.2	40.380	101.0	7.276	NO
16	19 8:2 FTS	527 > 506.9	3.01e3	2.75e3	0.2500		5.17	5.05	13.7	41.128	102.8	3.141	NO
17	20 PFNS	549.1>80.1	1.84e3	2.58e3	0.2500		5.27	5.14	8.94	46.229	115.6	1.937	NO
18	21 L-MeFOSAA	570.1 > 419	5.95e3	3.82e3	0.2500		5.35	5.23	19.5	44.299	110.7	13.087	NO
19	23 L-EtFOSAA	584.2 > 419	4.29e3	4.28e3	0.2500		5.52	5.39	12.5	50.434	126.1	12.451	NO

Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-51.qld

Last Altered: Wednesday, May 30, 2018 12:26:15 Pacific Daylight Time
Printed: Wednesday, May 30, 2018 12:27:05 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052718.mdb 28 May 2018 09:36:27
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Name: 180527M1_51, Date: 28-May-2018, Time: 02:25:11, ID: B8E0075-BSD1 LCSD 0.125, Description: LCSD

	# Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Ion Ratio	Ratio Out?
1	25 PFUdA	563.0 > 518.9	1.67e4	2.08e4	0.2500		5.53	5.40	10.0	37.304	93.3	14.481	NO
2	26 PFDS	598.8 > 80	2.18e3	2.08e4	0.2500		5.58	5.45	1.31	35.350	88.4	2.051	NO
3	27 PFDoA	612.9 > 569.0	1.78e4	1.53e4	0.2500		5.82	5.69	14.5	48.642	121.6	9.322	NO
4	28 N-MeFOSA	512.1 > 168.9	1.49e3		0.2500		6.00	5.85				1.290	NO
5	29 PFTrDA	662.9 > 618.9	1.65e4	1.53e4	0.2500		6.07	5.94	13.5	42.194	105.5	27.054	NO
6	30 PFTeDA	712.9 > 668.8	1.51e4	1.38e4	0.2500		6.29	6.16	13.7	44.631	111.6	12.597	NO
7	31 N-EtFOSA	526.1 > 168.9	1.65e3		0.2500		6.40	6.26				1.423	NO
8	32 PFHxDA	813.1 > 768.6	1.12e4	8.56e3	0.2500		6.61	6.49	6.57	42.516	106.3	49.114	NO
9	33 PFODA	913.1 > 868.8	4.57e2	8.56e3	0.2500		6.84	6.72	0.267	1.690	4.2		
10	34 N-MeFOSE	616.1 > 58.9	1.85e3		0.2500		6.54	6.42					
11	35 N-EtFOSE	630.1 > 58.9	2.07e3		0.2500		6.69	6.56					
12	36 13C3-PFBA	216.1 > 171.8	6.75e3	7.57e3	0.2500	0.874	1.42	1.35	11.1	50.995	102.0		
13	37 13C3-PFPeA	266. > 221.8	9.76e3	1.24e4	0.2500	0.834	2.40	2.32	9.80	46.999	94.0		
14	38 13C3-PFBS	302. > 98.8	1.25e3	1.24e4	0.2500	0.101	2.68	2.61	1.25	49.795	99.6		
15	39 13C2-4:2 FTS	329.2>308.9	2.78e3	1.24e4	0.2500	0.238	3.10	3.02	2.79	46.835	93.7		
16	40 13C2-PFHxA	315 > 269.8	3.48e3	1.24e4	0.2500	0.731	3.19	3.11	3.50	19.132	95.7		
17	41 13C4-PFHpA	367.2 > 321.8	1.14e4	1.24e4	0.2500	0.820	3.83	3.73	11.4	55.855	111.7		
18	42 18O2-PFHxS	403.0 > 102.6	1.07e3	2.34e3	0.2500	0.429	3.99	3.89	5.70	53.095	106.2		
19	43 13C2-6:2 FTS	429.1 > 408.9	3.10e3	1.29e4	0.2500	0.235	4.31	4.20	3.01	51.177	102.4		
20	44 13C2-PFOA	414.9 > 369.7	1.59e4	1.29e4	0.2500	1.222	4.37	4.26	15.4	50.381	100.8		
21	45 13C5-PFNA	468.2 > 422.9	1.62e4	1.68e4	0.2500	0.950	4.82	4.70	12.0	50.609	101.2		
22	46 13C8-PFOSA	506.1 > 77.7	2.26e3	2.10e4	0.2500	0.190	4.89	4.76	1.35	28.356	56.7		
23	47 13C8-PFOS	507.0 > 79.9	2.58e3	2.59e3	0.2500	1.018	4.90	4.79	12.4	48.860	97.7		
24	48 13C2-PFDA	515.1 > 469.9	2.16e4	1.83e4	0.2500	1.175	5.20	5.08	14.7	50.146	100.3		
25	49 13C2-8:2 FTS	529.1 > 508.7	2.75e3	1.24e4	0.2500	0.245	5.17	5.05	2.76	44.982	90.0		
26	50 d3-N-MeFOSAA	573.3 > 419	3.82e3	2.10e4	0.2500	0.202	5.35	5.23	2.27	45.060	90.1		
27	51 d5-N-EtFOSAA	589.3 > 419	4.28e3	2.10e4	0.2500	0.242	5.51	5.39	2.55	42.016	84.0		
28	52 13C2-PFUdA	565 > 519.8	2.08e4	2.10e4	0.2500	1.062	5.53	5.40	12.4	46.665	93.3		
29	53 13C2-PFDoA	615.0 > 569.7	1.53e4	1.83e4	0.2500	1.048	5.82	5.69	10.4	39.722	79.4		
30	54 d3-N-MeFOSA	515.2 > 168.9		2.10e4	0.2500	0.058	6.02						
31	55 13C2-PFTeDA	714.8 > 669.6	1.38e4	2.10e4	0.2500	0.871	6.29	6.16	8.18	37.577	75.2		
32	56 d5-N-ETFOSA	531.1 > 168.9		2.10e4	0.2500	0.073	6.41					GM	5/30/2018

Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-51.qld

Last Altered: Wednesday, May 30, 2018 12:26:15 Pacific Daylight Time
Printed: Wednesday, May 30, 2018 12:27:05 Pacific Daylight Time

Name: 180527M1_51, Date: 28-May-2018, Time: 02:25:11, ID: B8E0075-BSD1 LCSD 0.125, Description: LCSD

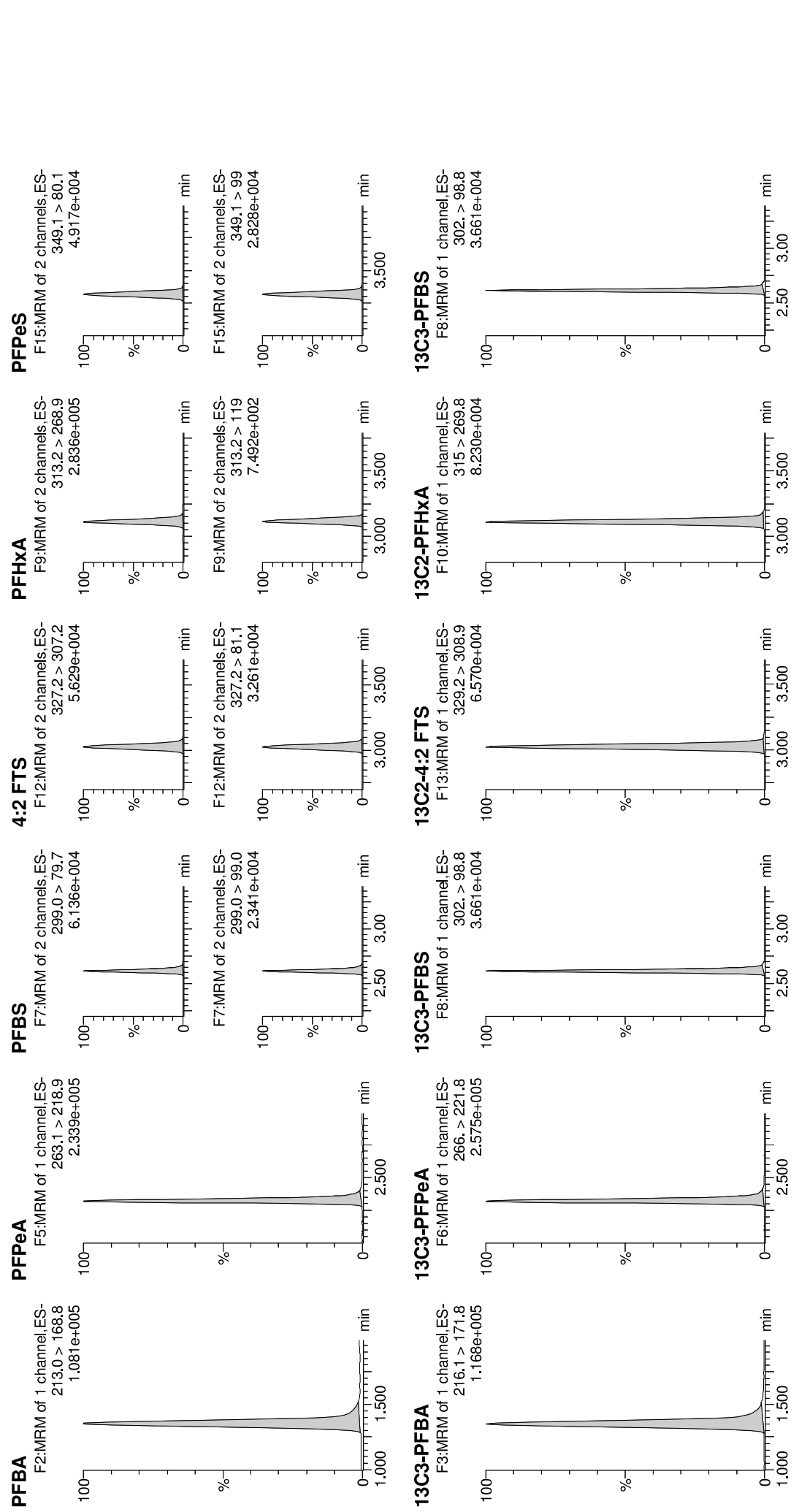
	#	Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Ion Ratio	Ratio Out?
33	57	13C2-PFHxDA	815 > 769.7	8.56e3	2.10e4	0.2500	1.232	6.61	6.49	5.09	16.524	82.6		
34	58	d7-N-MeFOSE	623.1 > 58.9		2.10e4	0.2500	0.039	6.53						
35	59	d9-N-EtFOSE	639.2 > 58.8		2.10e4	0.2500	0.037	6.67						
36	60	13C4-PFBA	217. > 171.8	7.57e3	7.57e3	0.2500	1.000	1.42	1.35	12.5	50.000	100.0		
37	61	13C5-PFHxA	318 > 272.9	1.24e4	1.24e4	0.2500	1.000	3.19	3.11	12.5	50.000	100.0		
38	62	13C3-PFHxS	401.9 > 79.9	2.34e3	2.34e3	0.2500	1.000	3.99	3.89	12.5	50.000	100.0		
39	63	13C8-PFOA	421.3 > 376	1.29e4	1.29e4	0.2500	1.000	4.37	4.26	12.5	50.000	100.0		
40	64	13C9-PFNA	472.2 > 426.9	1.68e4	1.68e4	0.2500	1.000	4.82	4.70	12.5	50.000	100.0		
41	65	13C4-PFOS	503 > 79.9	2.59e3	2.59e3	0.2500	1.000	4.90	4.79	12.5	50.000	100.0		
42	66	13C6-PFDA	519.1 > 473.7	1.83e4	1.83e4	0.2500	1.000	5.20	5.08	12.5	50.000	100.0		
43	67	13C7-PFUDa	570.1 > 524.8	2.10e4	2.10e4	0.2500	1.000	5.53	5.40	12.5	50.000	100.0		
44	68	Total PFHxS	398.9 > 79.6	1.49e3	1.07e3	0.2500		4.05		17.5	41.239			
45	69	Total PFOA	413 > 368.7	1.39e4	1.59e4	0.2500		4.30		11.0	43.964			
46	70	Total PFOS	499.1 > 79.9	2.09e3	2.58e3	0.2500		4.90		10.1	45.889			
47	71	Total N-MeFOSAA	570.1 > 419	5.95e3	3.82e3	0.2500		5.55		19.5	44.299			
48	72	Total N-EtFOSAA	584.2 > 419	4.29e3	4.28e3	0.2500		5.70		12.5	50.434			

Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-51.qld

Last Altered: Wednesday, May 30, 2018 12:26:15 Pacific Daylight Time
Printed: Wednesday, May 30, 2018 12:27:05 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052718.mdb 28 May 2018 09:36:27
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Name: 180527M1_51, Date: 28-May-2018, Time: 02:25:11, ID: B8E0075-BSD1 LCSD 0.125, Description: LCSD



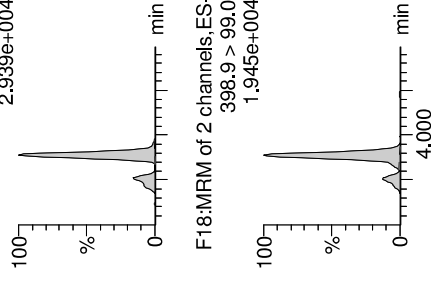
Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-51.qld

Last Altered: Wednesday, May 30, 2018 12:26:15 Pacific Daylight Time
Printed: Wednesday, May 30, 2018 12:27:05 Pacific Daylight Time

Name: 180527M1_51, Date: 28-May-2018, Time: 02:25:11, ID: B8E0075-BSD1 LCSD 0.125, Description: LCSD

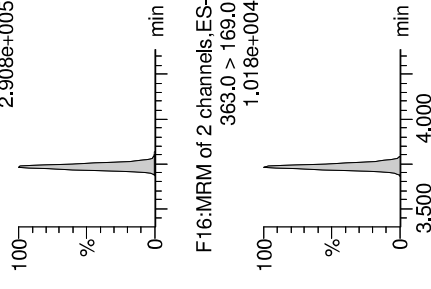
L-PFHxS

F18:MRM of 2 channels,ES-
398.9 > 79.6
2.939e+004



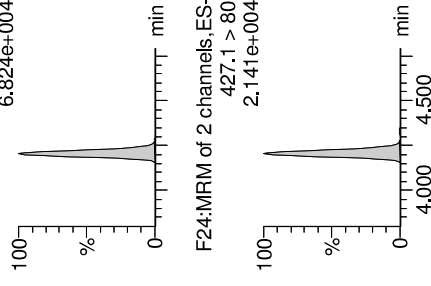
PFHpA

F16:MRM of 2 channels,ES-
363.0 > 318.9
2.908e+005



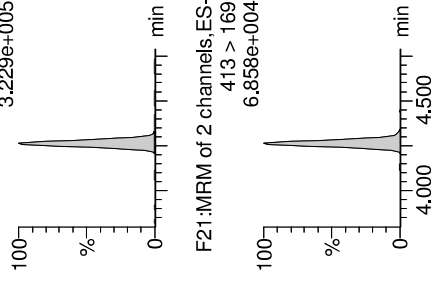
6:2 FTS

F24:MRM of 2 channels,ES-
427.1 > 407
6.824e+004



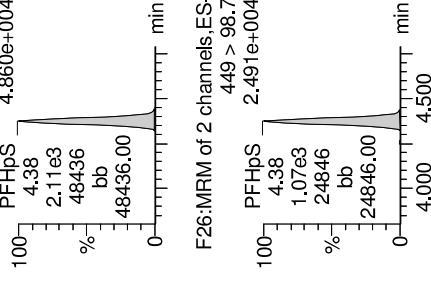
L-PFOA

F21:MRM of 2 channels,ES-
413 > 368.7
3.229e+005



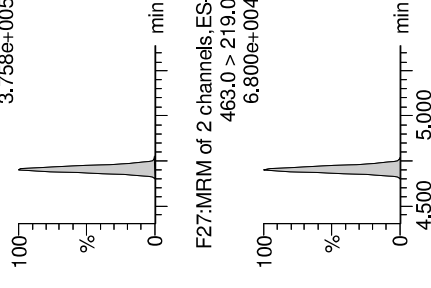
PFHpS

F26:MRM of 2 channels,ES-
449 > 80.0
4.860e+004



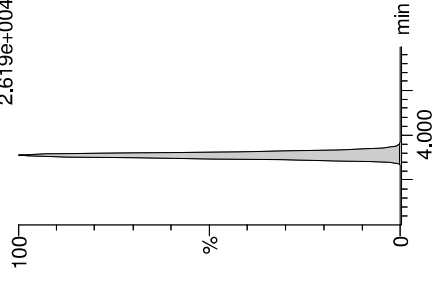
PFNA

F27:MRM of 2 channels,ES-
463.0 > 418.8
3.758e+005



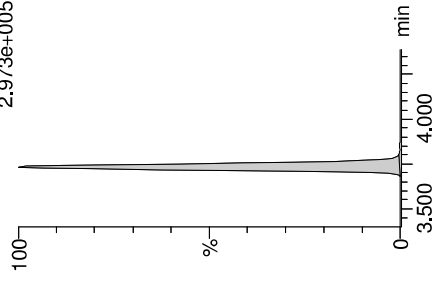
18O2-PFHxS

F20:MRM of 1 channel,ES-
403.0 > 102.6
2.619e+004



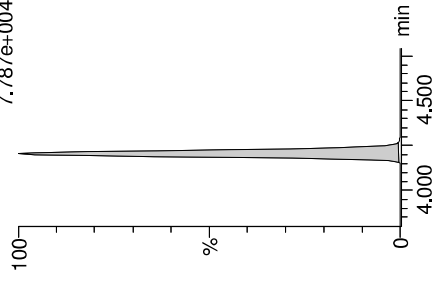
13C4-PFHpA

F17:MRM of 1 channel,ES-
367.2 > 321.8
2.973e+005



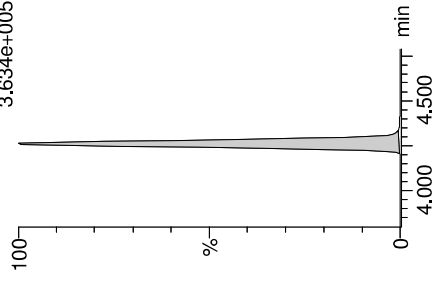
13C2-6:2 FTS

F25:MRM of 1 channel,ES-
429.1 > 408.9
7.787e+004



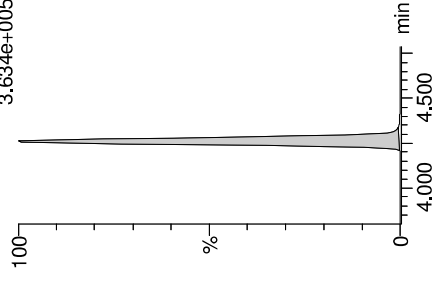
13C2-PFOA

F22:MRM of 1 channel,ES-
414.9 > 369.7
3.634e+005



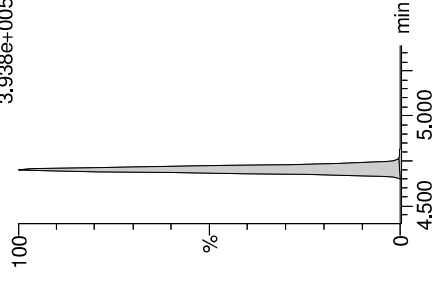
13C2-PFOA

F22:MRM of 1 channel,ES-
414.9 > 369.7
3.634e+005



13C5-PFNA

F28:MRM of 1 channel,ES-
468.2 > 422.9
3.938e+005

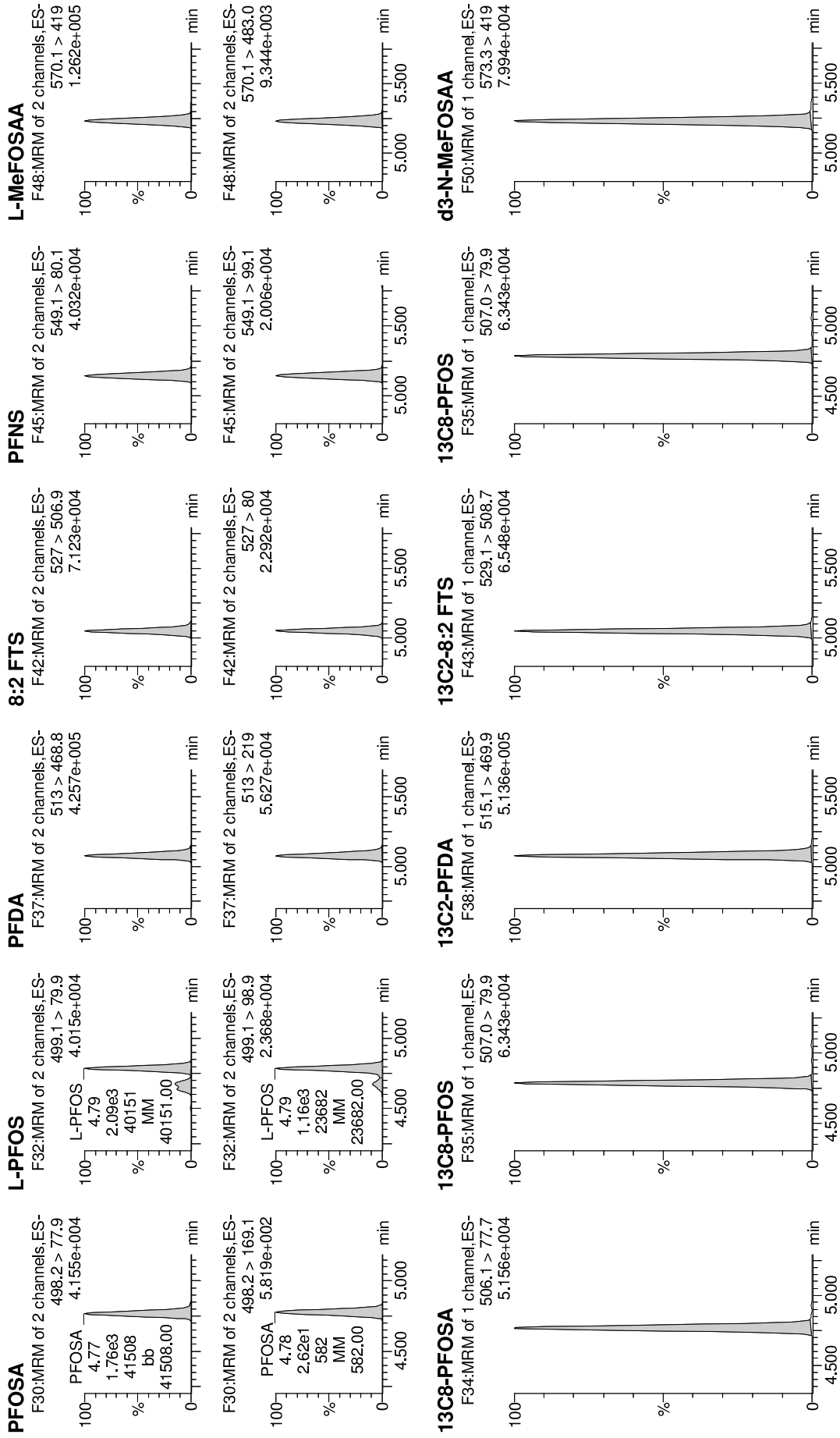


Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-51.qld

Last Altered: Wednesday, May 30, 2018 12:26:15 Pacific Daylight Time

Printed: Wednesday, May 30, 2018 12:27:05 Pacific Daylight Time

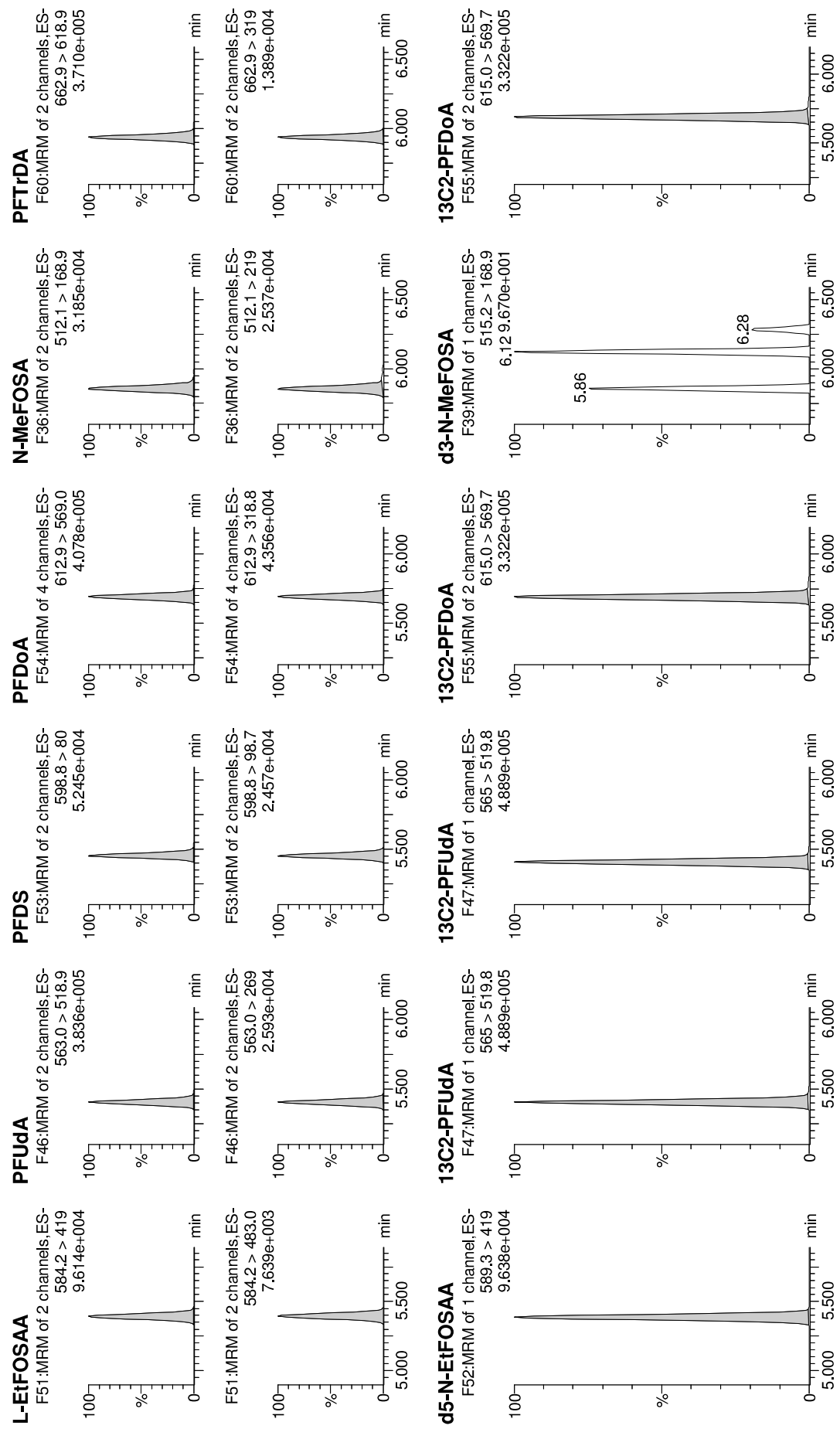
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Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-51.qld

Last Altered: Wednesday, May 30, 2018 12:26:15 Pacific Daylight Time
Printed: Wednesday, May 30, 2018 12:27:05 Pacific Daylight Time

Name: 180527M1_51, Date: 28-May-2018, Time: 02:25:11, ID: B8E0075-BSD1 LCSD 0.125, Description: LCSD

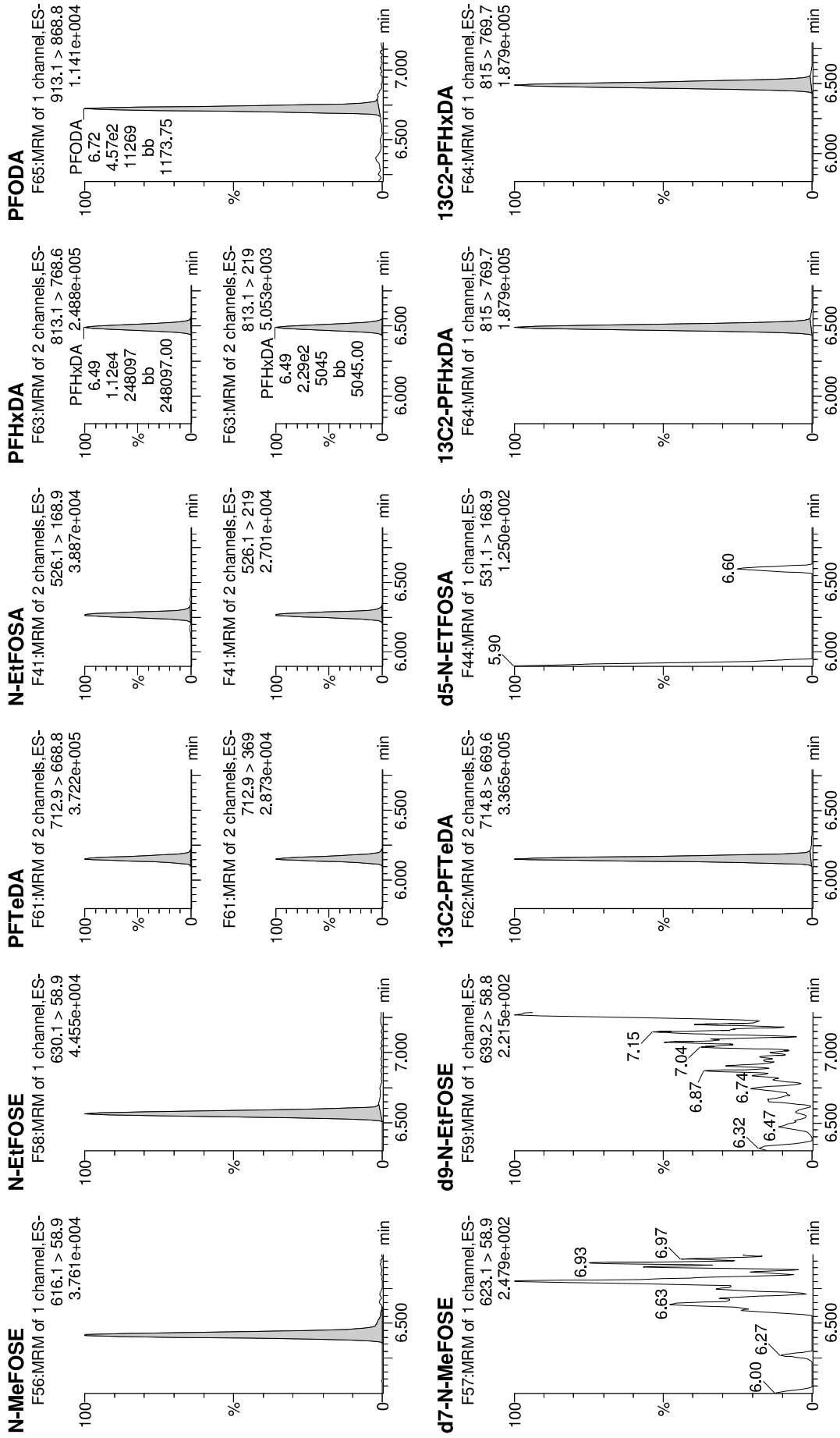


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Printed: Wednesday, May 30, 2018 12:27:05 Pacific Daylight Time

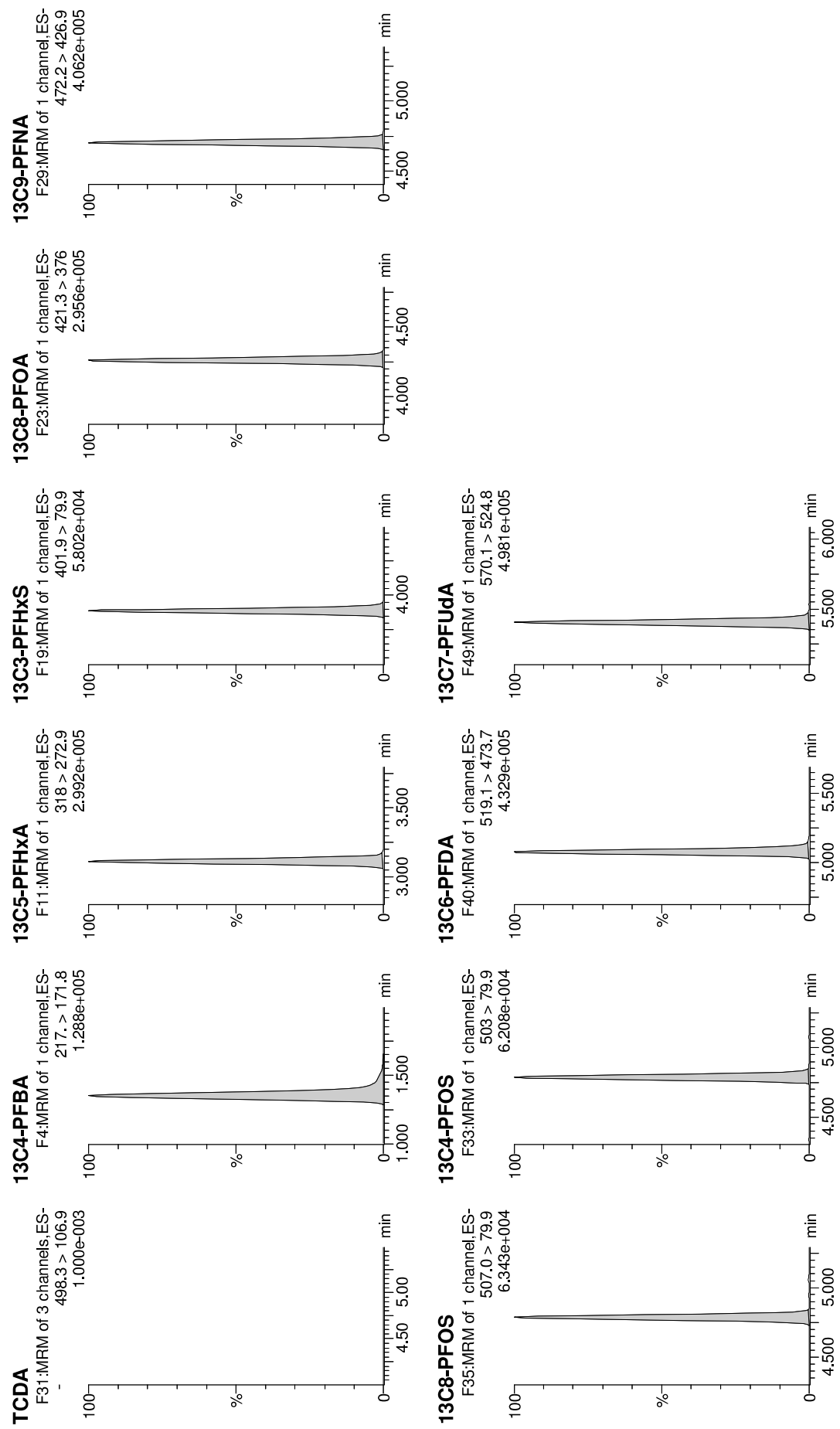
Name: 180527M1_51, Date: 28-May-2018, Time: 02:25:11, ID: B8E0075-BSD1 LCSD 0.125, Description: LCSD



Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-51.qld

Last Altered: Wednesday, May 30, 2018 12:26:15 Pacific Daylight Time
Printed: Wednesday, May 30, 2018 12:27:05 Pacific Daylight Time

Name: 180527M1_51, Date: 28-May-2018, Time: 02:25:11, ID: B8E0075-BSD1 LCSD 0.125, Description: LCSD



Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-65.qld

Rev'd: MM 5/29/2018

Last Altered: Monday, May 28, 2018 17:55:05 Pacific Daylight Time

Printed: Monday, May 28, 2018 17:56:03 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052718.mdb 28 May 2018 09:36:27

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Name: 180527M1_65, Date: 28-May-2018, Time: 04:51:43, ID: 1800859-01 BP-MH-SW4001-South-20180501 0.25262, Description: BP-MH-SW4001-South-20180501

	#	Name	Trace	Area	IS Area	wt/vol	RRF	M...	Pred.RT	RT	Response	Conc.	%Rec	Ion	Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	1759.5	4739.1	0.253			1.35	1.35	4.641	17,029				
2	2	PFPeA	263.1 > 218.9	5681.2	7186.5	0.253			2.32	2.32	9.882	39,350				
3	3	PFBS	299.0 > 79.7	97.0	1220.3	0.253			2.62	2.61	0.993	2,009			2.687	NO
4	5	PFHxA	313.2 > 268.9	5791.7	2602.0	0.253			3.11	3.12	11.129	30,248			324.010	NO
5	7	PFHpA	363.0 > 318.9	3445.6	7742.9	0.253			3.73	3.73	5.562	18,532			23.119	NO
6	8	L-PFHxS	398.9 > 79.6	177.1	1047.5	0.253			3.91	3.89	2.113	4,945			1.411	NO
7	10	6:2 FTS	427.1 > 407	966.5	2877.8	0.253			4.31	4.20	4.198	16,006			3.242	NO
8	11	L-PFOA	413 > 368.7	4332.4	11957.8	0.253			4.40	4.26	4.529	17,934			4.988	NO
9	13	PFHpS	449 > 80.0	15.3	11957.8	0.253			4.48	4.39	0.016	0,471			10.123	YES
10	14	PFNA	463.0 > 418.8	2104.4	10652.7	0.253			4.82	4.71	2.469	7,959			5.945	NO
11	15	PFOSA	498.2 > 77.9		1558.8	0.253			4.89							
12	16	L-PFOS	499.1 > 79.9	715.1	2761.5	0.253			4.90	4.79	3.237	14,501			2.236	NO
13	18	PFDA	513 > 468.8	353.8	12898.3	0.253			5.20	5.08	0.343	1,503			11.009	YES

Dataset:

Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-65.qld

Rev'd: MM 5/29/2018

Last Altered:

Monday, May 28, 2018 17:55:05 Pacific Daylight Time

Printed:

Monday, May 28, 2018 17:55:52 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052718.mdb 28 May 2018 09:36:27

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Name: 180527M1_65, Date: 28-May-2018, Time: 04:51:43, ID: 1800859-01 BP-MH-SW4001-South-20180501 0.25262, Description: BP-MH-SW4001-South-20180501

	#	Name	Trace	Area	IS Area	wt/vol	RRF M...	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	19	8:2 FTS	527 > 506.9	460.3	2759.8	0.253		5.17	5.05	2.085	6.067		2.717	NO
2	21	L-MeFOSAA	570.1 > 419		2881.3	0.253		5.35						
3	23	L-EtFOSAA	584.2 > 419		3708.1	0.253		5.52						
4	25	PFUdA	563.0 > 518.9	443.9	13082.2	0.253		5.53	5.41	0.424	1.651		26.568	YES Q
5	26	PFDS	598.8 > 80		13082.2	0.253		5.58						
6	27	PFDoA	612.9 > 569.0	73.5	10596.9	0.253		5.82	5.69	0.087			7.249	NO
7	29	PFTrDA	662.9 > 618.9		10596.9	0.253		6.07						
8	30	PFTeDA	712.9 > 668.8		10667.5	0.253		6.29						

Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-65.qld

Last Altered: Monday, May 28, 2018 17:55:05 Pacific Daylight Time
Printed: Monday, May 28, 2018 17:55:46 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052718.mdb 28 May 2018 09:36:27
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Name: 180527M1_65, Date: 28-May-2018, Time: 04:51:43, ID: 1800859-01 BP-MH-SW4001-South-20180501 0.25262, Description: BP-MH-SW4001-South-20180501

	#	Name	Trace	Area	IS Area	wt/vol	RRF M...	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	36	13C3-PFBA	216.1 > 171.8	4739.1	5815.4	0.253	0.874	1.42	1.35	10,186	46,123	93.2		
2	37	13C3-PFPeA	266. > 221.8	7186.5	9274.7	0.253	0.834	2.40	2.32	9,686	45,955	92.9		
3	38	13C3-PFBS	302. > 98.8	1220.3	9274.7	0.253	0.101	2.68	2.61	1,645	64,668	130.7		
4	39	13C2-4:2 FTS	329.2>308.9	2798.5	9274.7	0.253	0.238	3.10	3.02	3,772	62,604	126.5		
5	40	13C2-PFHxA	315 > 269.8	2602.0	9274.7	0.253	0.731	3.19	3.11	3,507	18,988	95.9		
6	41	13C4-PFHpA	367.2 > 321.8	7742.9	9274.7	0.253	0.820	3.83	3.73	10,436	50,388	101.8		
7	42	18O2-PFHxS	403.0 > 102.6	1047.5	2774.6	0.253	0.429	3.99	3.89	4,719	43,517	87.9		
8	43	13C2-6:2 FTS	429.1 > 408.9	2877.8	10263.9	0.253	0.235	4.31	4.20	3,505	59,010	119.3		
9	44	13C2-PFOA	414.9 > 369.7	11957.8	10263.9	0.253	1.222	4.37	4.26	14,563	47,161	95.3		
10	45	13C5-PFNA	468.2 > 422.9	10852.7	12935.3	0.253	0.950	4.82	4.70	10,294	42,888	86.7		
11	46	13C8-PFOSA	506.1 > 77.7	1558.8	16639.6	0.253	0.190	4.89	4.77	1,171	24,429	49.4		H
12	47	13C8-PFOS	507.0 > 79.9	2761.5	2986.6	0.253	1.018	4.90	4.79	11,558	44,960	90.9		
13	48	13C2-PFDA	515.1 > 469.9	12898.3	14941.5	0.253	1.175	5.20	5.08	10,791	36,341	73.4		
14	49	13C2-8:2 FTS	529.1 > 508.7	2759.8	9274.7	0.253	0.245	5.17	5.05	3,720	60,013	121.3		
15	50	d3-N-MeFOSAA	573.3 > 419	2881.3	16639.6	0.253	0.202	5.35	5.23	2,164	42,510	85.9		
16	51	d5-N-EtFOSAA	589.3 > 419	3708.1	16639.6	0.253	0.242	5.51	5.39	2,786	45,508	92.0		
17	52	13C2-PFUdA	565 > 519.8	13082.2	16639.6	0.253	1.062	5.53	5.40	9,828	36,645	74.1		
18	53	13C2-PFDaA	615.0 > 569.7	10596.9	14941.5	0.253	1.048	5.82	5.69	8,865	33,501	67.7		
19	54	d3-N-MeFOSA	515.2 > 168.9	16639.6	16639.6	0.253	0.058	6.02						
20	55	13C2-PFTeDA	714.8 > 669.6	10667.5	16639.6	0.253	0.871	6.29	6.16	8,014	36,418	73.6		
21	56	d5-N-ETFOSA	531.1 > 168.9	16639.6	16639.6	0.253	0.073	6.41						
22	57	13C2-PFHxDA	815 > 769.7	6135.4	16639.6	0.253	1.232	6.61	6.49	4,609	14,807	74.8		
23	58	d7-N-MeFOSE	623.1 > 58.9		16639.6	0.253	0.039	6.53						
24	59	d9-N-EtFOSE	639.2 > 58.8		16639.6	0.253	0.037	6.67						
25	60	13C4-PFBA	217. > 171.8	5815.4	5815.4	0.253	1.000	1.42	1.35	12,500	49,481	100.0		
26	61	13C5-PFHxA	318 > 272.9	9274.7	9274.7	0.253	1.000	3.19	3.11	12,500	49,481	100.0		
27	62	13C3-PFHxS	401.9 > 79.9	2774.6	2774.6	0.253	1.000	3.99	3.89	12,500	49,481	100.0		
28	63	13C8-PFOA	421.3 > 376	10263.9	10263.9	0.253	1.000	4.37	4.26	12,500	49,481	100.0		
29	64	13C9-PFNA	472.2 > 426.9	12935.3	12935.3	0.253	1.000	4.82	4.70	12,500	49,481	100.0		
30	65	13C4-PFOS	503 > 79.9	2986.6	2986.6	0.253	1.000	4.90	4.79	12,500	49,481	100.0		
31	66	13C6-PFDA	519.1 > 473.7	14941.5	14941.5	0.253	1.000	5.20	5.08	12,500	49,481	100.0		
32	67	13C7-PFUdA	570.1 > 524.8	16639.6	16639.6	0.253	1.000	5.53	5.41	12,500	49,481	100.0		AD 5/28/2018
33	68	Total PFHxS	398.9 > 79.6	177.1	1047.5	0.253		4.05		2,113	4,945			

Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-65.qld

Last Altered: Monday, May 28, 2018 17:55:05 Pacific Daylight Time
Printed: Monday, May 28, 2018 17:55:46 Pacific Daylight Time

Name: 180527M1_65, Date: 28-May-2018, Time: 04:51:43, ID: 1800859-01 BP-MH-SW4001-South-20180501 0.25262, Description: BP-MH-SW4001-South-20180501

	#	Name	Trace	Area	IS Area	wt/vol	RRF	M...	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
34	69	Total PFOA	413 > 368.7	4705.7	11957.8	0.253			4.30		4.919	19.464			
35	70	Total PFOS	499.1 > 79.9	715.1	2761.5	0.253			4.90		3.237	14.501			
36	71	Total N-MeFOSAA	570.1 > 419	0.0	2881.3	0.253			5.55		0.000				
37	72	Total N-EtFOSAA	584.2 > 419	0.0	3708.1	0.253			5.70		0.000				

Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-65.qld

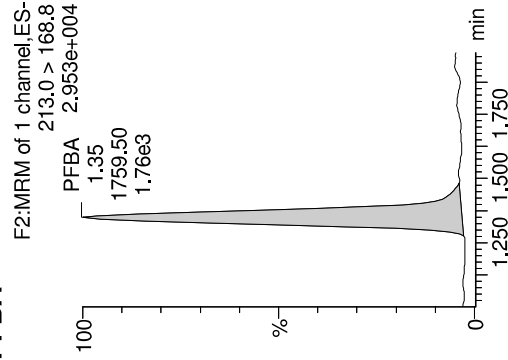
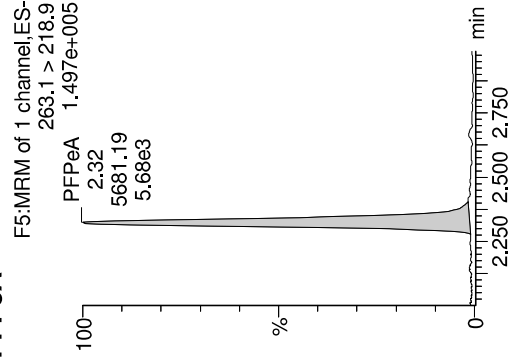
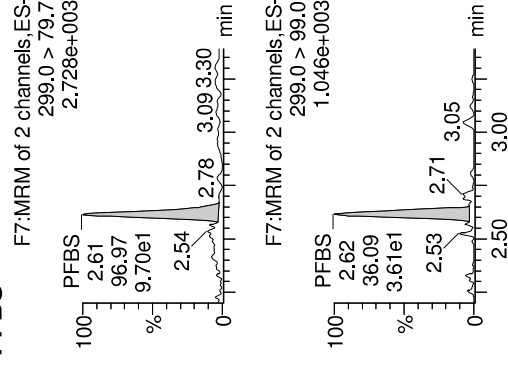
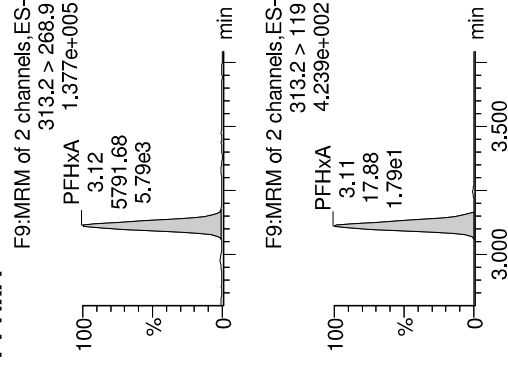
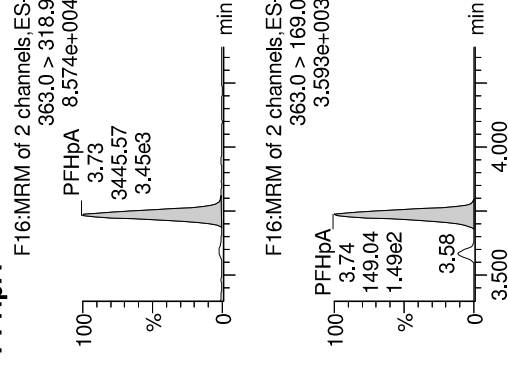
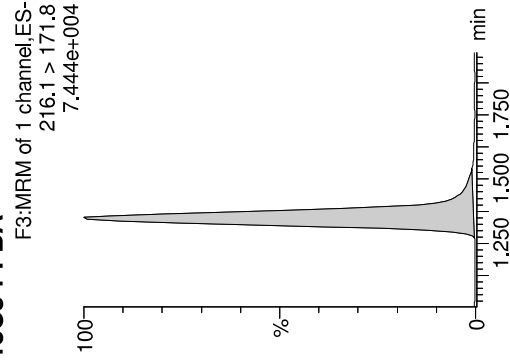
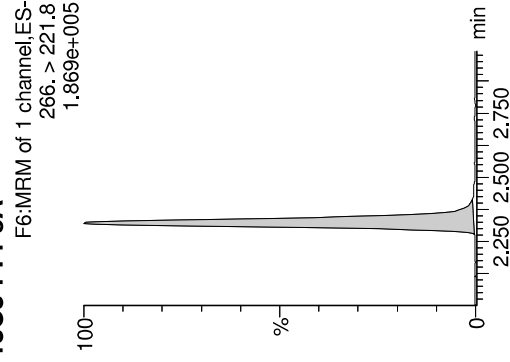
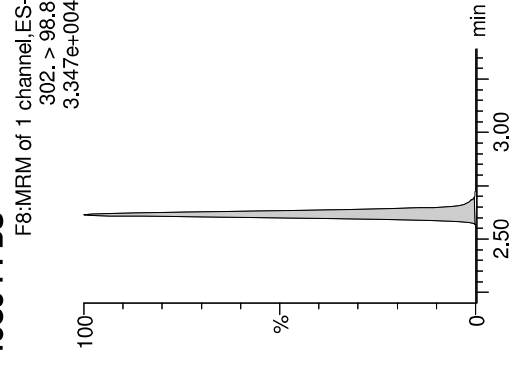
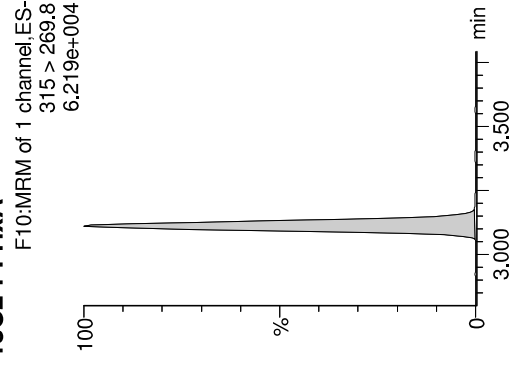
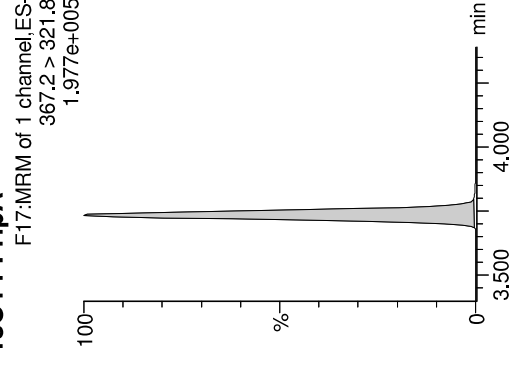
Rev'd: MM 5/29/2018

Last Altered: Monday, May 28, 2018 17:55:05 Pacific Daylight Time
Printed: Monday, May 28, 2018 17:55:46 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052718.mdb 28 May 2018 09:36:27

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Name: 180527M1_65, Date: 28-May-2018, Time: 04:51:43, ID: 1800859-01 BP-MH-SW4001-South-20180501 0.25262, Description: BP-MH-SW4001-South-20180501

PFBA**PFPeA****PFBS****PFHxA****PFHpA****13C3-PFBA****13C3-PFPeA****13C3-PFBS****13C2-PFHxA****13C4-PFHpA**

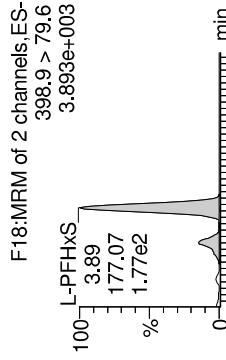
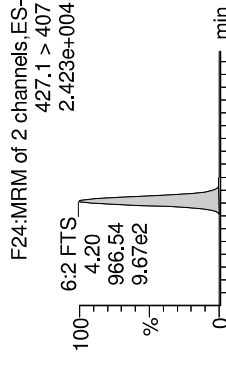
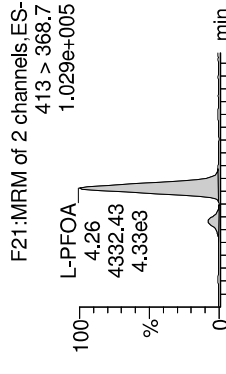
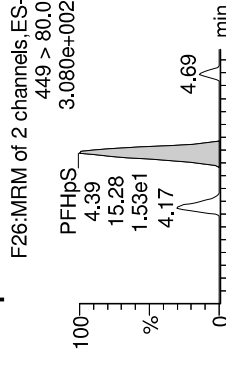
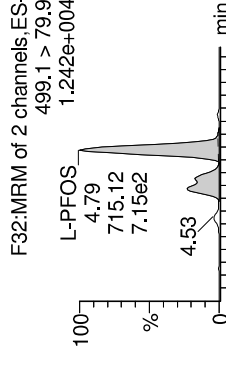
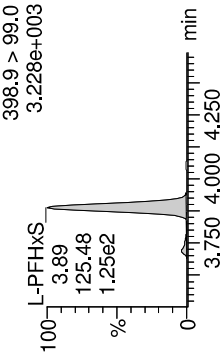
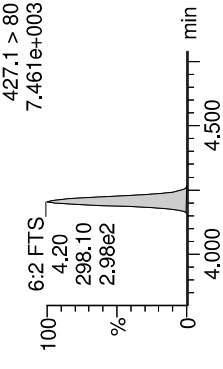
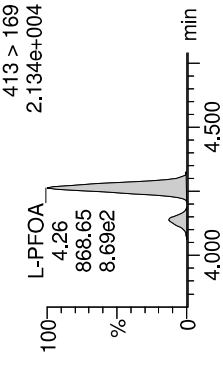
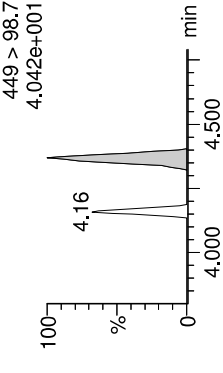
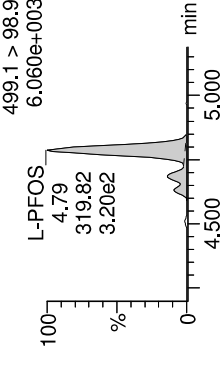
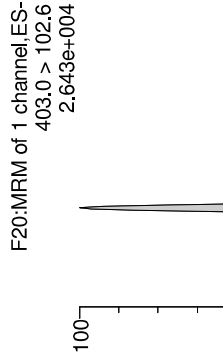
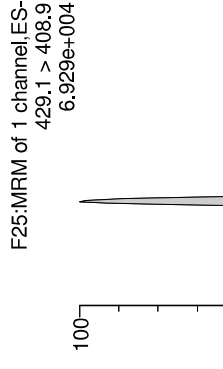
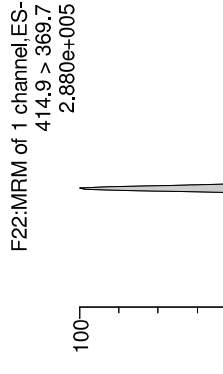
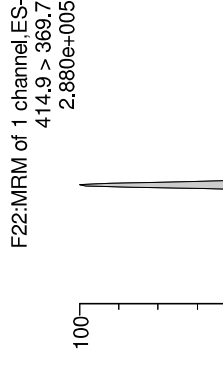
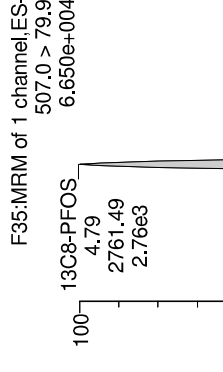
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Last Altered: Monday, May 28, 2018 17:55:05 Pacific Daylight Time
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Name: 180527M1_65, Date: 28-May-2018, Time: 04:51:43, ID: 1800859-01 BP-MH-SW4001-South-20180501 0.25262, Description: BP-MH-SW4001-South-20180501

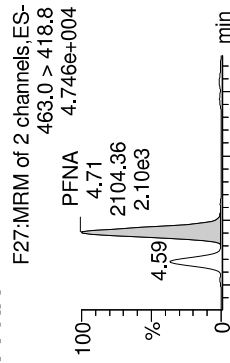
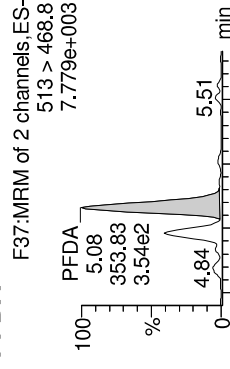
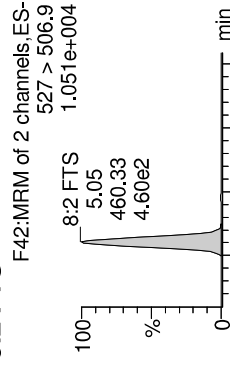
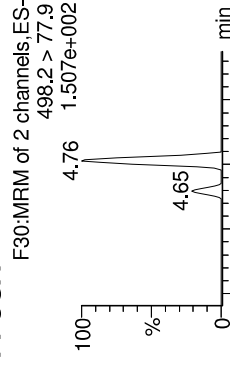
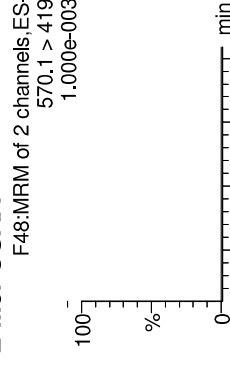
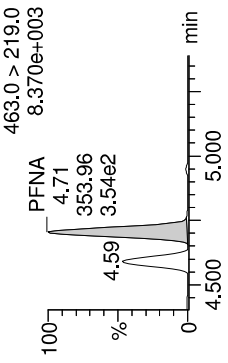
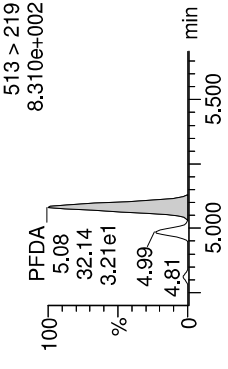
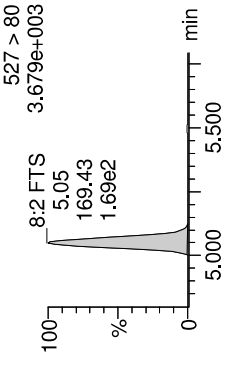
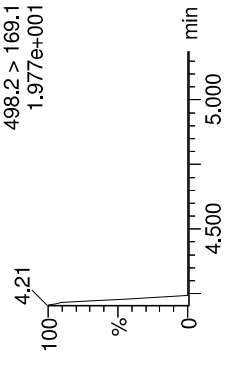
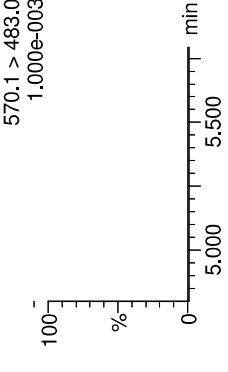
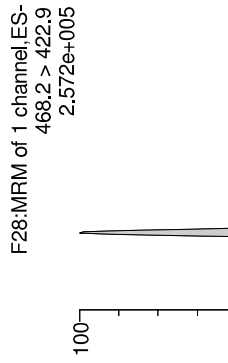
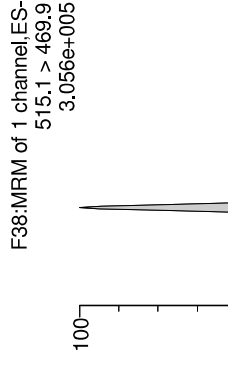
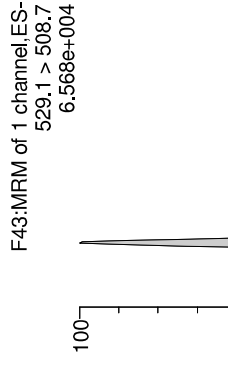
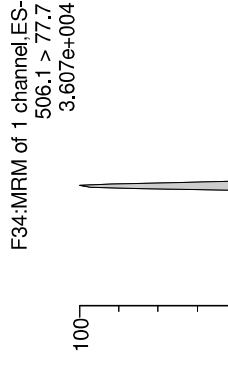
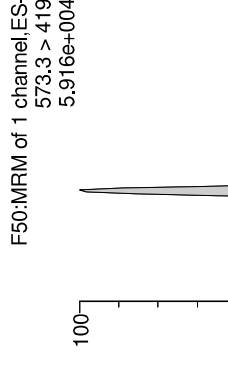
L-PFHxS**6:2 FTS****Total PFOA****PFHpS****L-PFOS****L-PFHxS****6:2 FTS****L-PFOA****F26:MRM of 2 channels, ES-****F32:MRM of 2 channels, ES-****18O2-PFHxS****13C2-6:2 FTS****13C2-PFOA****13C2-PFOA****13C8-PFOS**

Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-65.qld

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Name: 180527M1_65, Date: 28-May-2018, Time: 04:51:43, ID: 1800859-01 BP-MH-SW4001-South-20180501 0.25262, Description: BP-MH-SW4001-South-20180501

PFNA**PFDA****8:2 FTS****PFOSA****L-MeFOSAA****13C5-PFNA****13C2-PFDA****13C2-8:2 FTS****13C8-PFOSA****13C3-N-MeFOSAA****13C5-PFNA****13C2-PFDA****13C2-8:2 FTS****13C8-PFOSA****d3-N-MeFOSAA**

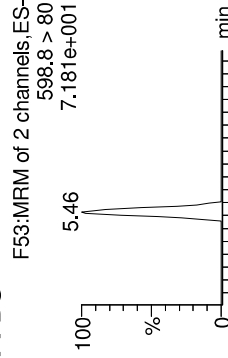
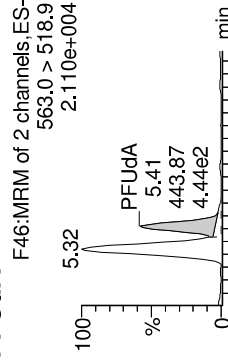
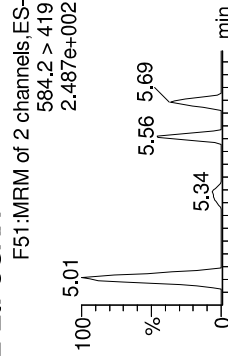
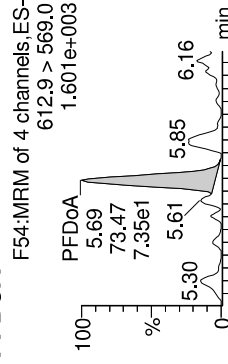
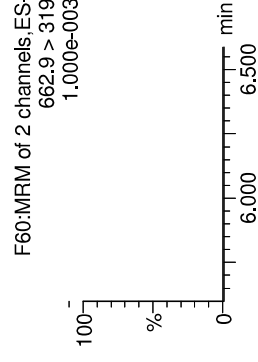
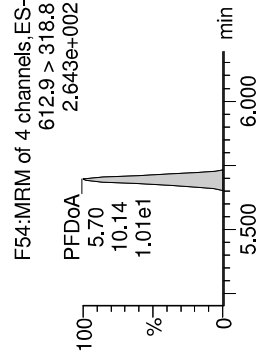
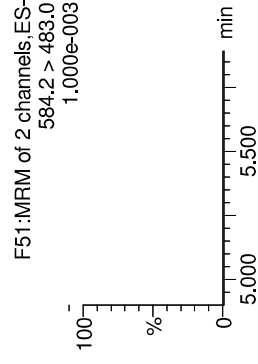
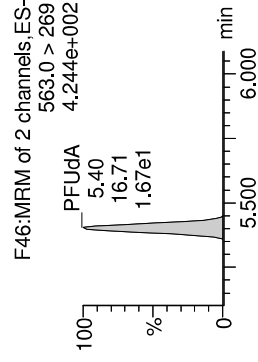
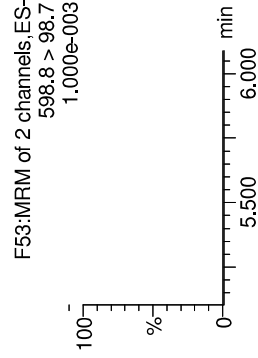
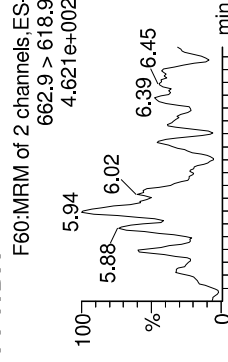
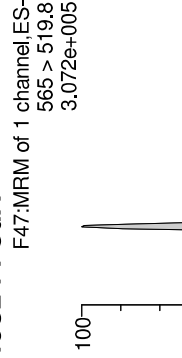
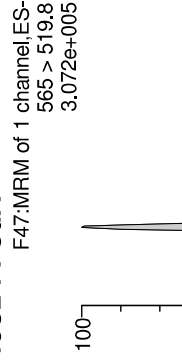
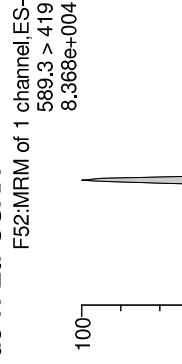
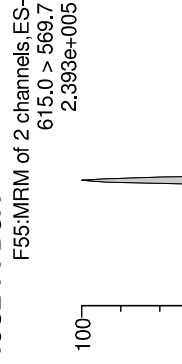
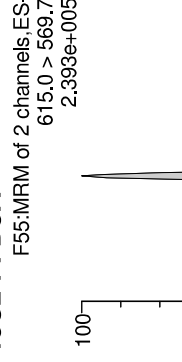
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Name: 180527M1_65, Date: 28-May-2018, Time: 04:51:43, ID: 1800859-01 BP-MH-SW4001-South-20180501 0.25262, Description: BP-MH-SW4001-South-20180501

PFDS**PFUdA****L-EtFOSAA****PFDaA****PFTTrDA****13C2-PFUdA****13C2-PFUdA****d5-N-EtFOSAA****13C2-PFDaA****13C2-PFDaA**

Dataset:

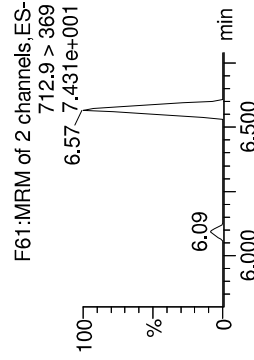
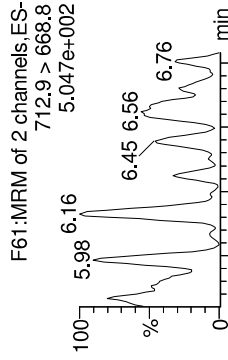
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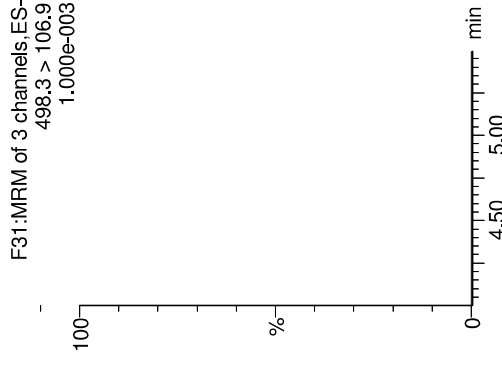
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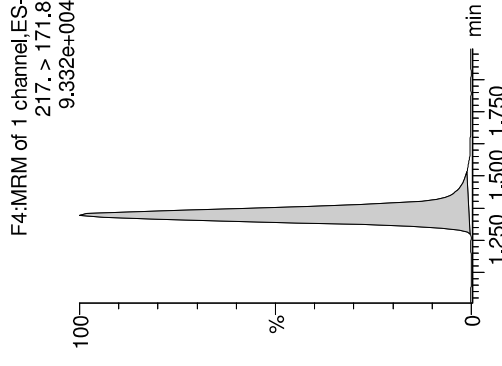
PFTeDA



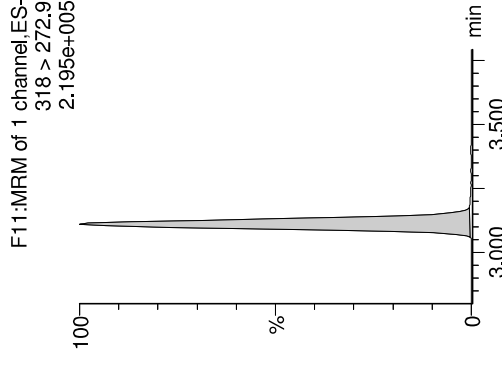
TCDA



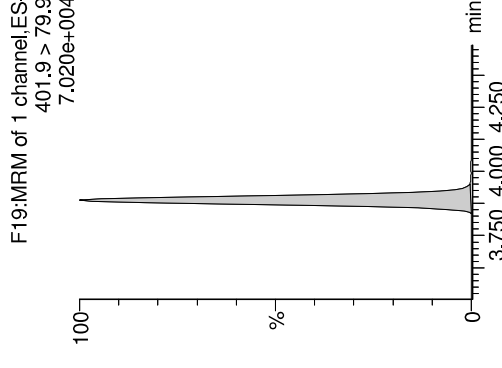
13C4-PFBA



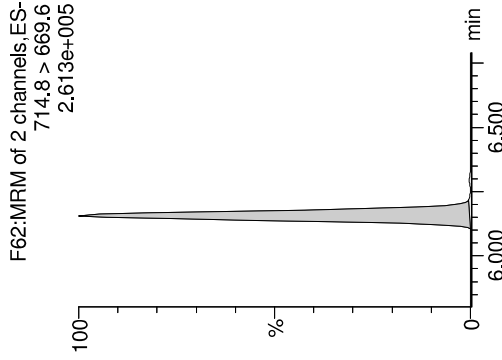
13C5-PFHxA



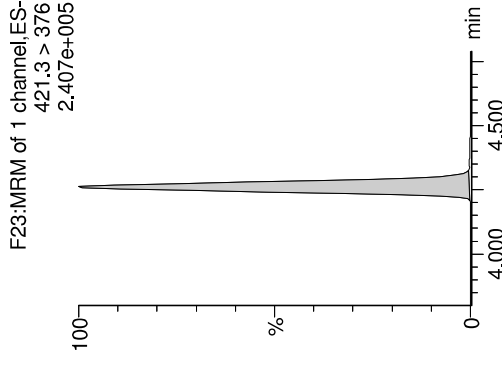
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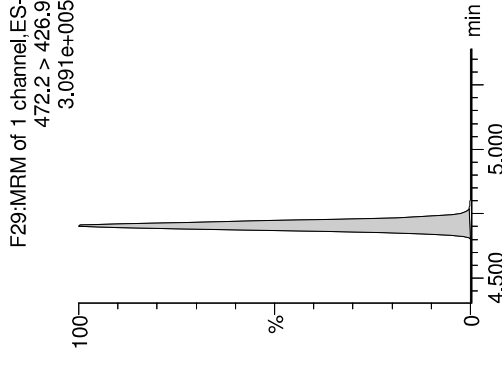
13C2-PFTeDA



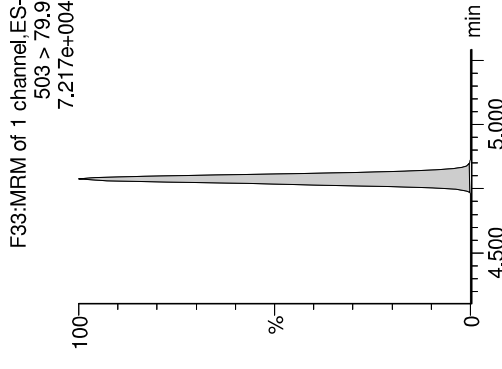
13C8-PFOA



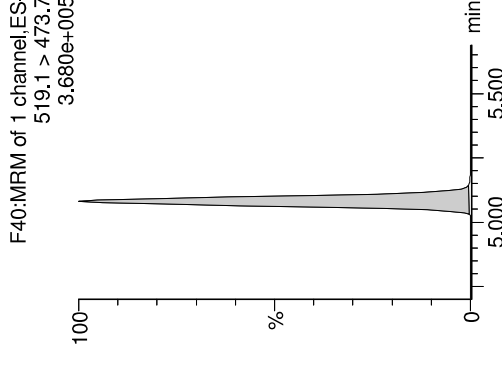
13C9-PFNA



13C4-PFOS



13C6-PFDA



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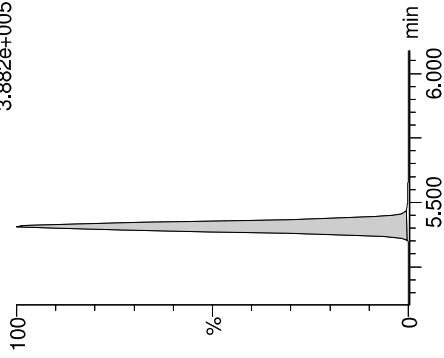
Last Altered: Monday, May 28, 2018 17:55:05 Pacific Daylight Time

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Name: 180527M1_65, Date: 28-May-2018, Time: 04:51:43, ID: 1800859-01 BP-MH-SW4001-South-20180501 0.25262, Description: BP-MH-SW4001-South-20180501

13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8
3.882e+005



Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-66.qld

Last Altered: Monday, May 28, 2018 18:00:57 Pacific Daylight Time

Printed: Monday, May 28, 2018 18:01:07 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052718.mdb 28 May 2018 09:36:27

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Name: 180527M1_66, Date: 28-May-2018, Time: 05:02:08, ID: 1800859-02 BP-TT-SW4002-20180501 0.25791, Description: BP-TT-SW4002-20180501

	#	Name	Trace	Area	IS Area	wt/vol	RRF	M...	Pred.RT	RT	Response	Conc.	%Rec	Ion	Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	1976.3	5579.7	0.258			1.34	1.35	4.427	15.912				
2	2	PFPeA	263.1 > 218.9	6313.9	8124.5	0.258			2.32	2.32	9.714	37.887				
3	3	PFBS	299.0 > 79.7	114.1	1321.5	0.258			2.61	2.62	1.079	2.141			3.056	NO
4	5	PFHxA	313.2 > 268.9	6670.4	3070.2	0.258			3.11	3.11	10.863	28.915			455.379	YES
5	7	PFHpA	363.0 > 318.9	4044.8	7626.2	0.258			3.73	3.74	6.630	21.679			27.886	NO
6	8	L-PFHxS	398.9 > 79.6	185.2	1084.0	0.258			3.91	3.89	2.136	4.897			1.933	YES
7	10	6:2 FTS	427.1 > 407	1040.1	3037.4	0.258			4.31	4.20	4.281	15.992			2.892	NO
8	11	L-PFOA	413 > 368.7	5454.3	13147.1	0.258			4.40	4.26	5.186	20.121			5.193	NO
9	13	PFHpS	449 > 80.0	12.4	13147.1	0.258			4.48	4.37	0.012	0.362			2.681	YES
10	14	PFNA	463.0 > 418.8	2526.0	10572.4	0.258			4.82	4.70	2.987	9.452			5.514	NO
11	15	PFOSA	498.2 > 77.9		1975.9	0.258			4.89							
12	16	L-PFOS	499.1 > 79.9	999.1	2881.7	0.258			4.90	4.79	4.334	19.029			2.254	NO
13	18	PFDA	513 > 468.8	411.8	14978.3	0.258			5.20	5.08	0.344	1.475			7.285	NO

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Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-66.qld

Last Altered: Monday, May 28, 2018 18:00:57 Pacific Daylight Time

Printed: Monday, May 28, 2018 18:01:13 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052718.mdb 28 May 2018 09:36:27

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Name: 180527M1_66, Date: 28-May-2018, Time: 05:02:08, ID: 1800859-02 BP-TT-SW4002-20180501 0.25791, Description: BP-TT-SW4002-20180501

	#	Name	Trace	Area	IS Area	wt/vol	RRF	M...	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	19	8:2 FTS	527 > 506.9	663.6	2692.1	0.258			5.17	5.05	3.081	8.772		2.997	NO
2	21	L-MeFOSAA	570.1 > 419		3191.1	0.258			5.35						
3	23	L-EtFOSAA	584.2 > 419		3948.2	0.258			5.52						
4	25	PFUdA	563.0 > 518.9	801.3	14692.6	0.258			5.53	5.40	0.682	2.542		36.436	YES
5	26	PFDS	598.8 > 80		14692.6	0.258			5.58						Q
6	27	PFDoA	612.9 > 569.0		14967.8	0.258			5.82						
7	29	PFTrDA	662.9 > 618.9		14967.8	0.258			6.07						
8	30	PFTeDA	712.9 > 668.8		10445.8	0.258			6.29						

Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-66.qld

Last Altered: Monday, May 28, 2018 18:00:57 Pacific Daylight Time
Printed: Monday, May 28, 2018 18:01:20 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052718.mdb 28 May 2018 09:36:27
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Name: 180527M1_66, Date: 28-May-2018, Time: 05:02:08, ID: 1800859-02 BP-TT-SW4002-20180501 0.25791, Description: BP-TT-SW4002-20180501

	#	Name	Trace	Area	IS Area	w/vol	RRF M...	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	36	13C3-PFBA	216.1 > 171.8	5579.7	6572.4	0.258	0.874	1.42	1.34	10.612	47,064	97.1		
2	37	13C3-PFPeA	266. > 221.8	8124.5	10356.8	0.258	0.834	2.40	2.32	9.806	45,571	94.0		
3	38	13C3-PFBS	302. > 98.8	1321.5	10356.8	0.258	0.101	2.68	2.61	1.595	61,428	126.7		
4	39	13C2-4:2 FTS	329.2>308.9	2761.9	10356.8	0.258	0.238	3.10	3.03	3.333	54,195	111.8		
5	40	13C2-PFHxA	315 > 269.8	3070.2	10356.8	0.258	0.731	3.19	3.11	3.706	19,652	101.4		
6	41	13C4-PFHpA	367.2 > 321.8	7626.2	10356.8	0.258	0.820	3.83	3.73	9.204	43,531	89.8		
7	42	18O2-PFHxS	403.0 > 102.6	1084.0	2734.9	0.258	0.429	3.99	3.89	4.954	44,746	92.3		
8	43	13C2-6:2 FTS	429.1 > 408.9	3037.4	12544.6	0.258	0.235	4.31	4.20	3.027	49,914	103.0		
9	44	13C2-PFOA	414.9 > 369.7	13147.1	12544.6	0.258	1.222	4.37	4.26	13,100	41,554	85.7		
10	45	13C5-PFNA	468.2 > 422.9	10572.4	13562.9	0.258	0.950	4.82	4.70	9.744	39,763	82.0		
11	46	13C8-PFOSA	506.1 > 77.7	1975.9	16880.7	0.258	0.190	4.89	4.76	1.463	29,898	61.7		
12	47	13C8-PFOS	507.0 > 79.9	2881.7	2844.1	0.258	1.018	4.90	4.79	12.665	48,257	99.6		
13	48	13C2-PFDA	515.1 > 469.9	14978.3	16553.3	0.258	1.175	5.20	5.08	11,311	37,311	77.0		
14	49	13C2-8:2 FTS	529.1 > 508.7	2692.1	10356.8	0.258	0.245	5.17	5.05	3,249	51,349	105.9		
15	50	d3-N-MeFOSAA	573.3 > 419	3191.1	16880.7	0.258	0.202	5.35	5.23	2,363	45,457	93.8		
16	51	d5-N-EtFOSAA	589.3 > 419	3948.2	16880.7	0.258	0.242	5.51	5.39	2,924	46,783	96.5		
17	52	13C2-PFUdA	565 > 519.8	14692.6	16880.7	0.258	1.062	5.53	5.40	10,880	39,736	82.0		
18	53	13C2-PFDoA	615.0 > 569.7	14967.8	16553.3	0.258	1.048	5.82	5.69	11,303	41,835	86.3		
19	54	d3-N-MeFOSA	515.2 > 168.9		16880.7	0.258	0.058	6.02						
20	55	13C2-PFTeDA	714.8 > 669.6	10445.8	16880.7	0.258	0.871	6.29	6.16	7,735	34,431	71.0		
21	56	d5-N-ETFOSA	531.1 > 168.9		16880.7	0.258	0.073	6.41						
22	57	13C2-PFHxDA	815 > 769.7	6289.6	16880.7	0.258	1.232	6.61	6.49	4,657	14,655	75.6		
23	58	d7-N-MeFOSE	623.1 > 58.9		16880.7	0.258	0.039	6.53						
24	59	d9-N-EtFOSE	639.2 > 58.8		16880.7	0.258	0.037	6.67						
25	60	13C4-PFBA	217. > 171.8	6572.4	6572.4	0.258	1.000	1.42	1.35	12,500	48,467	100.0		
26	61	13C5-PFHxA	318 > 272.9	10356.8	10356.8	0.258	1.000	3.19	3.11	12,500	48,467	100.0		
27	62	13C3-PFHxS	401.9 > 79.9	2734.9	2734.9	0.258	1.000	3.99	3.89	12,500	48,467	100.0		
28	63	13C8-PFOA	421.3 > 376	12544.6	12544.6	0.258	1.000	4.37	4.26	12,500	48,467	100.0		
29	64	13C9-PFNA	472.2 > 426.9	13562.9	13562.9	0.258	1.000	4.82	4.70	12,500	48,467	100.0		
30	65	13C4-PFOS	503 > 79.9	2844.1	2844.1	0.258	1.000	4.90	4.79	12,500	48,467	100.0		
31	66	13C6-PFDA	519.1 > 473.7	16553.3	16553.3	0.258	1.000	5.20	5.08	12,500	48,467	100.0		
32	67	13C7-PFUdA	570.1 > 524.8	16880.7	16880.7	0.258	1.000	5.53	5.40	12,500	48,467	100.0		
33	68	Total PFHxS	398.9 > 79.6	185.2	1084.0	0.258		4.05		2,136	4,897			AD 5/28/2018

Dataset:

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	#	Name	Trace	Area	IS Area	wt/vol	RRF	M...	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
34	69	Total PFOA	413 > 368.7	5792.4	13147.1	0.258			4.30		5.507	21.353			
35	70	Total PFOS	499.1 > 79.9	999.1	2881.7	0.258			4.90		4.334	19.029			
36	71	Total N-MeFOSAA	570.1 > 419	0.0	3191.1	0.258			5.55		0.000				
37	72	Total N-EtFOSAA	584.2 > 419	0.0	3948.2	0.258			5.70		0.000				

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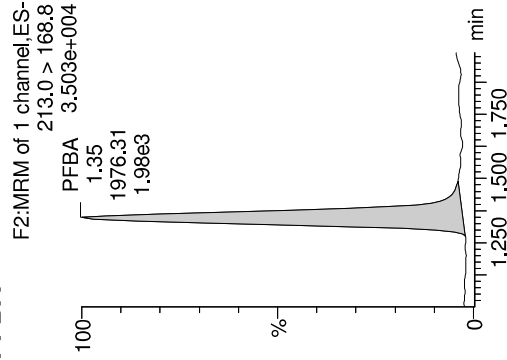
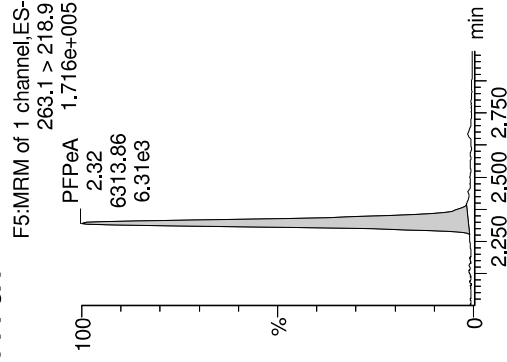
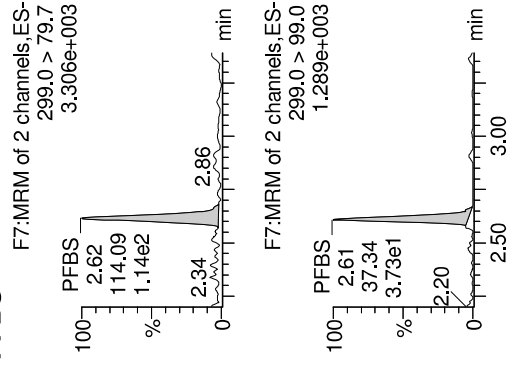
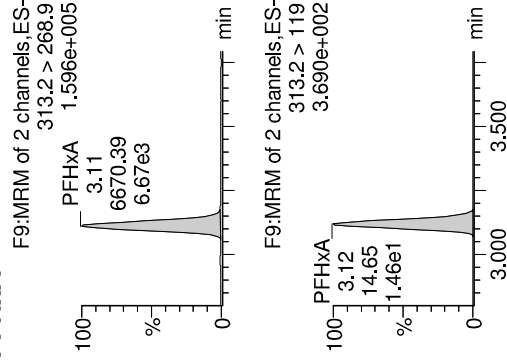
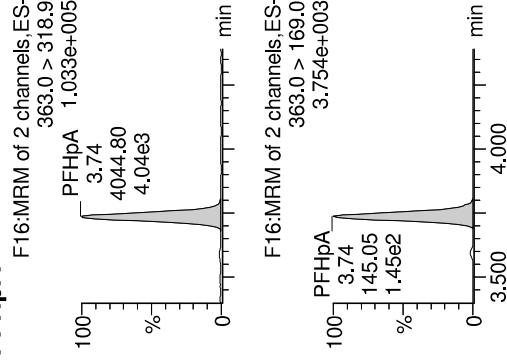
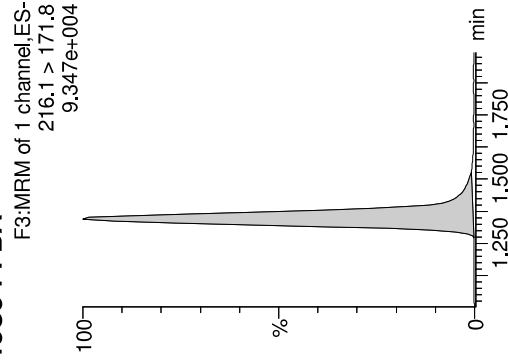
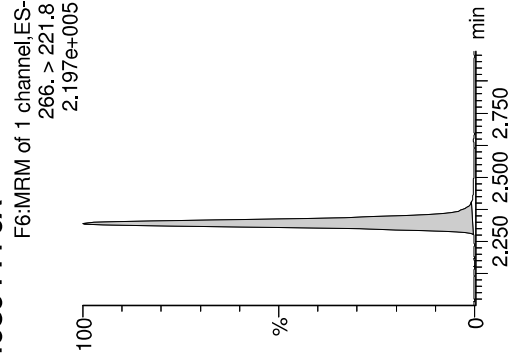
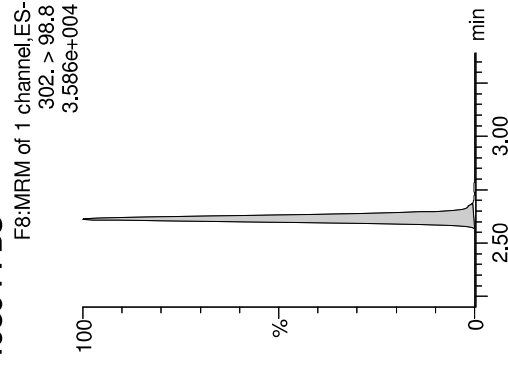
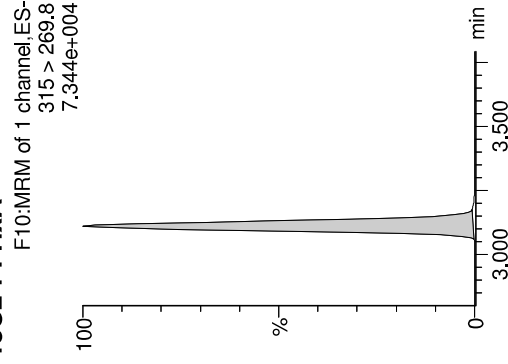
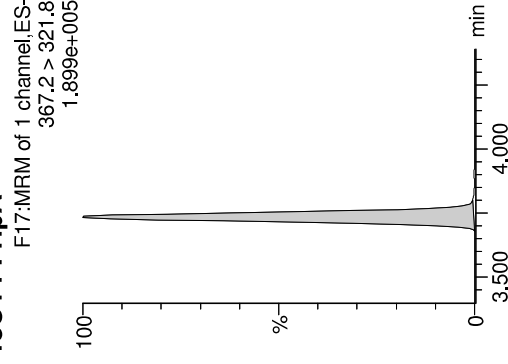
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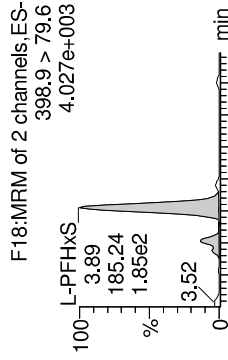
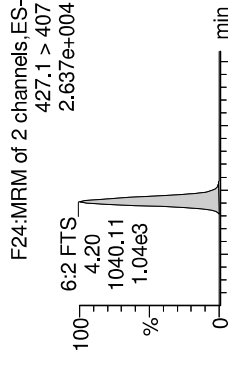
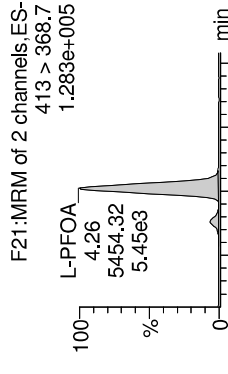
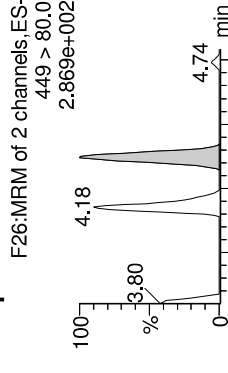
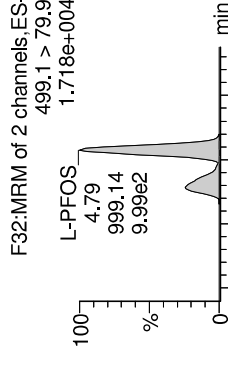
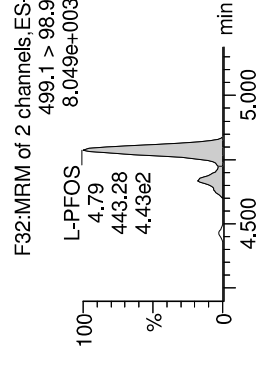
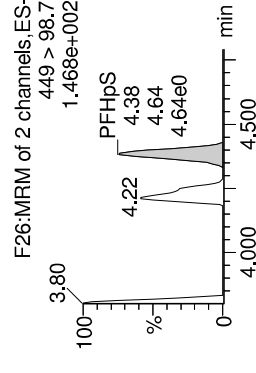
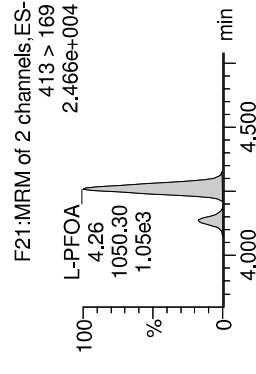
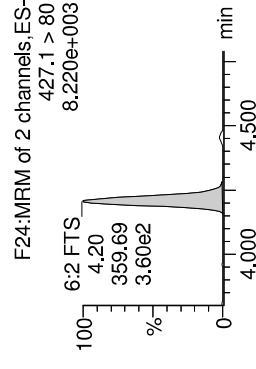
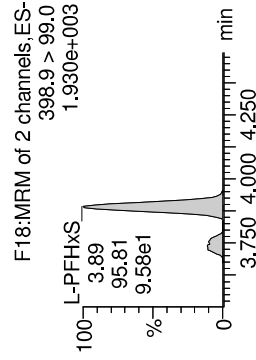
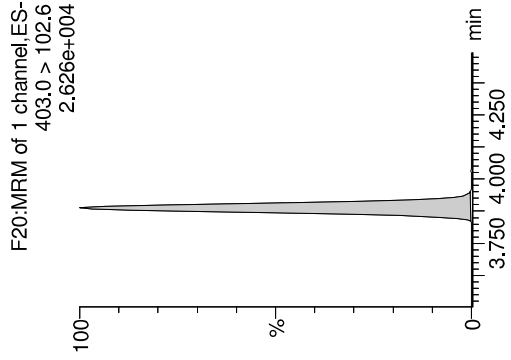
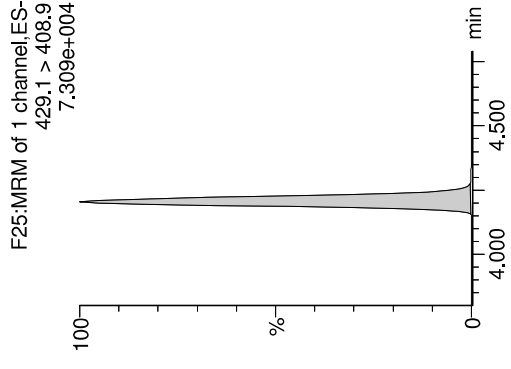
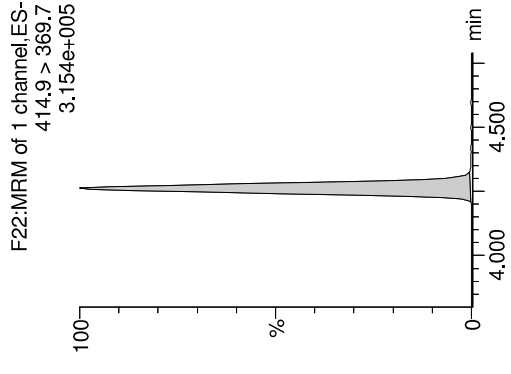
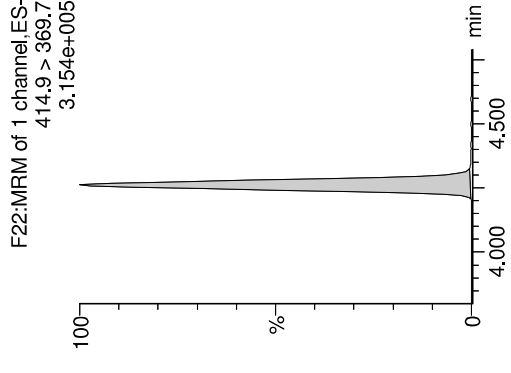
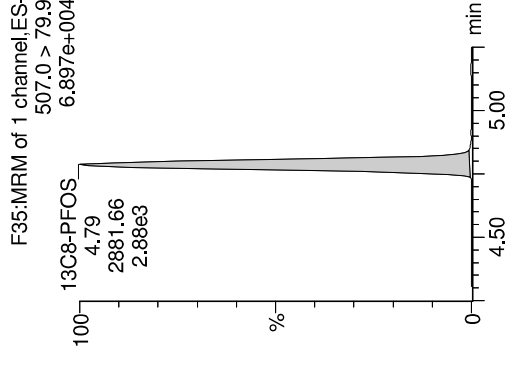
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L-PFHxS**6:2 FTS****Total PFOA****PFHpS****L-PFOS****L-PFHxS****18O2-PFHxS****13C2-6:2 FTS****13C2-PFOA****13C2-PFOA****13C8-PFOS**

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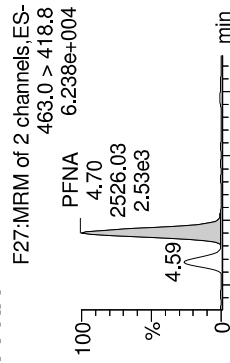
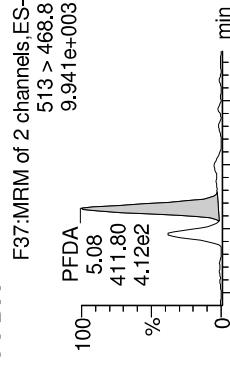
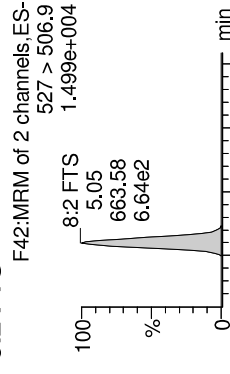
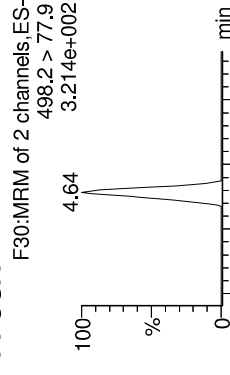
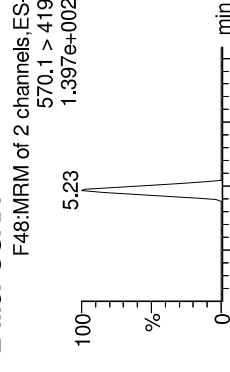
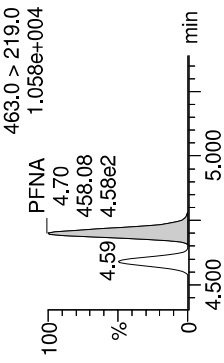
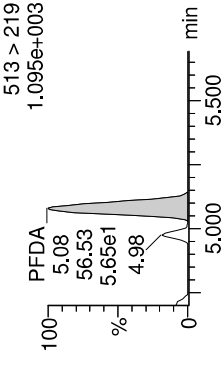
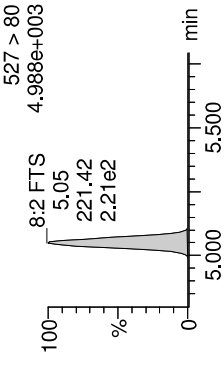
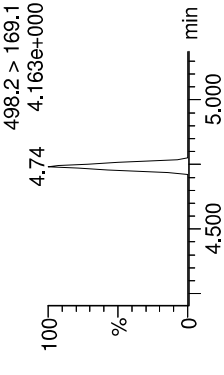
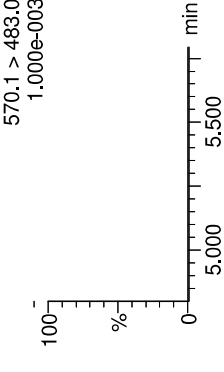
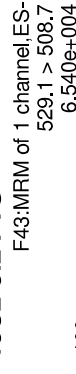
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PFNA**PFDA****8:2 FTS****PFOSA****L-MeFOSAA****F27:MRM of 2 channels, ES-
463.0 > 219.0****F37:MRM of 2 channels, ES-
513 > 219****F42:MRM of 2 channels, ES-
527 > 80****F30:MRM of 2 channels, ES-
498.2 > 169.1****F48:MRM of 2 channels, ES-
570.1 > 483.0****13C5-PFNA****13C2-PFDA****13C2-8:2 FTS****13C8-PFOSA****d3-N-MeFOSAA**

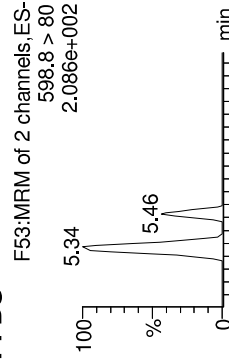
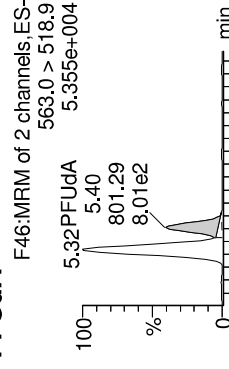
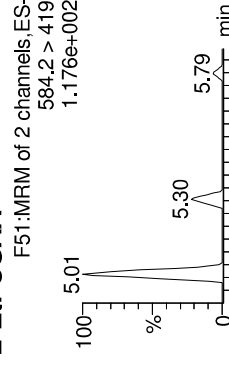
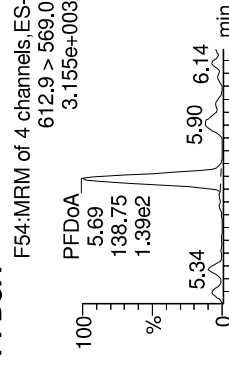
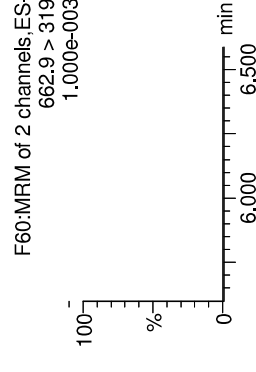
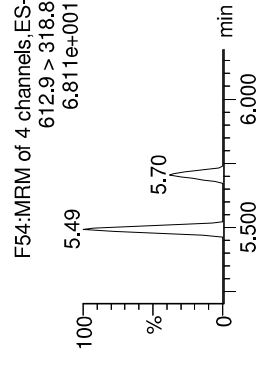
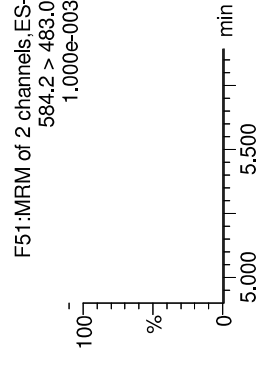
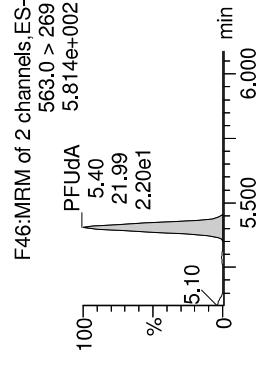
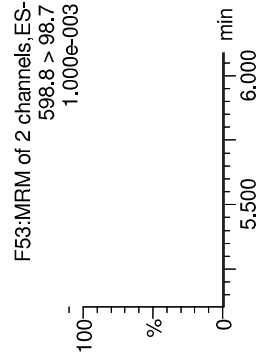
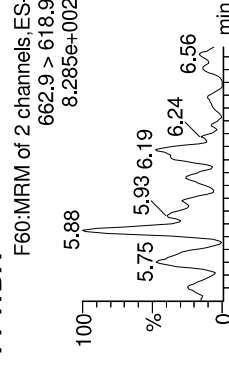
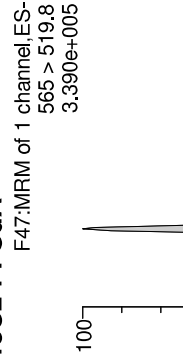
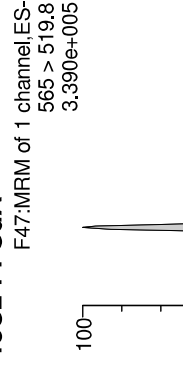
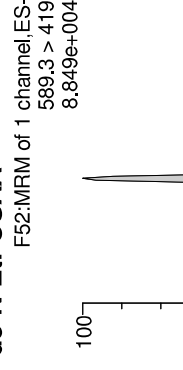
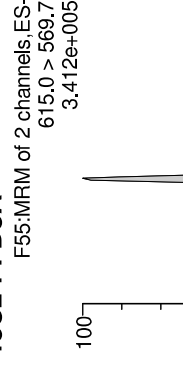
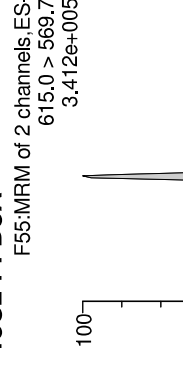
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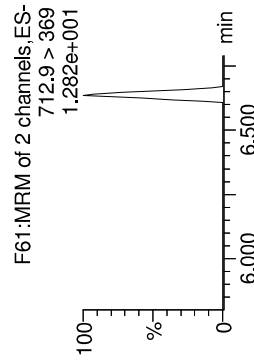
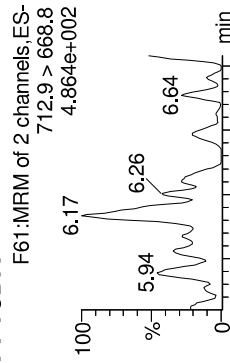
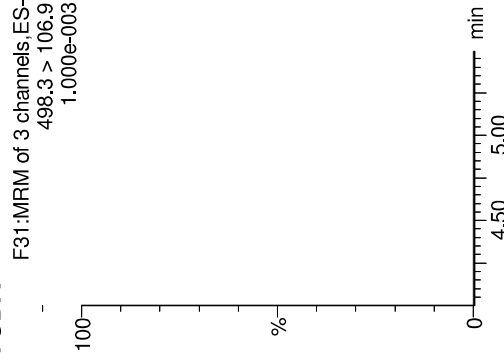
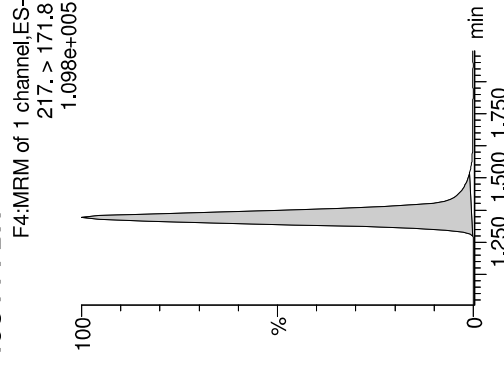
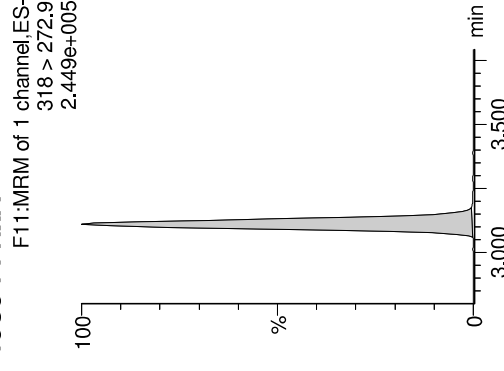
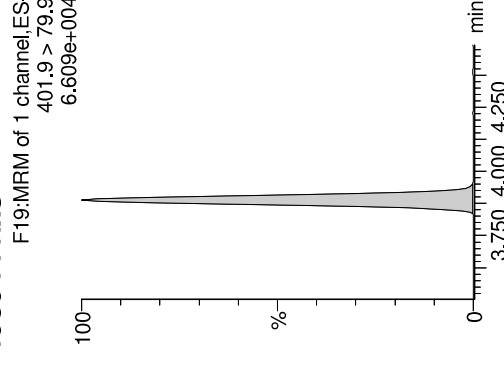
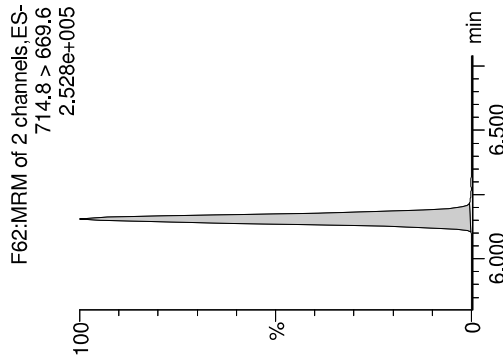
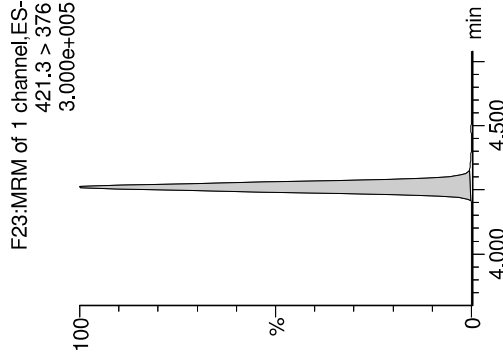
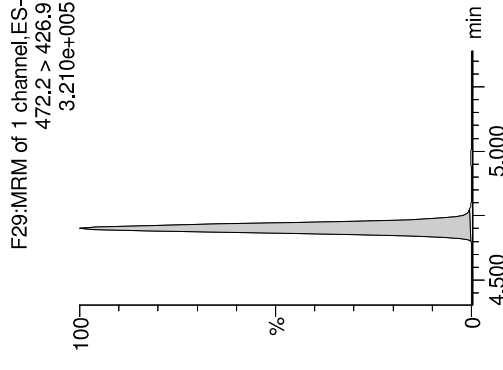
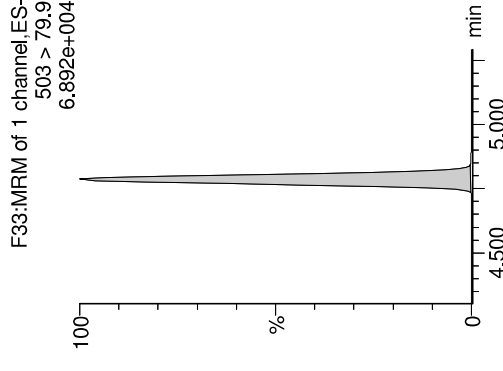
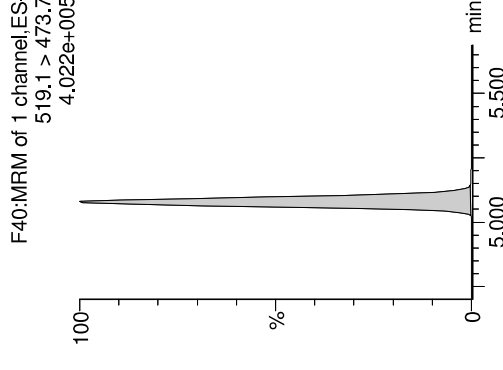
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Monday, May 28, 2018 18:01:20 Pacific Daylight Time

Name: 180527M1_66, Date: 28-May-2018, Time: 05:02:08, ID: 1800859-02 BP-TT-SW4002-20180501 0.25791, Description: BP-TT-SW4002-20180501

PFTeDA**TCDA****13C4-PFBA****13C5-PFHxA****13C3-PFHxS****13C2-PFTeDA****13C8-PFOA****13C9-PFNA****13C4-PFOS****13C6-PFDA**

Rev'd: MM 5/29/2018

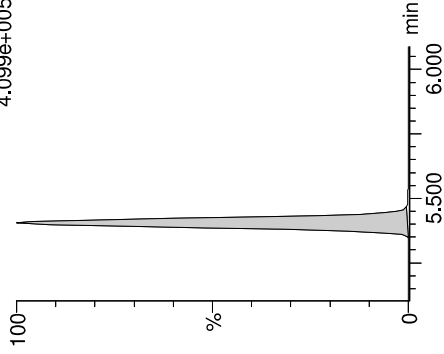
Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-66.qld

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Printed: Monday, May 28, 2018 18:01:20 Pacific Daylight Time

Name: 180527M1_66, Date: 28-May-2018, Time: 05:02:08, ID: 1800859-02 BP-TT-SW4002-20180501 0.25791, Description: BP-TT-SW4002-20180501

13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8
4.099e+005



Rev'd: MM 5/29/2018

Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-67.qld

Last Altered: Monday, May 28, 2018 18:05:03 Pacific Daylight Time
Printed: Monday, May 28, 2018 18:05:34 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052718.mdb 28 May 2018 09:36:27
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Name: 180527M1_67, Date: 28-May-2018, Time: 05:12:39, ID: 1800859-03 BP-DUP06-20180501 0.26367, Description: BP-DUP06-20180501

	#	Name	Trace	Area	IS Area	wt/vol	RRF	M...	Pred.RT	RT	Response	Conc.	%Rec	Ion	Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8	2121.0	5677.7	0.264			1.35	1.35	4.670	16.416				
2	2	PFPeA	263.1 > 218.9	6674.0	8413.1	0.264			2.32	2.32	9.916	37.832				
3	3	PFBS	299.0 > 79.7	126.2	1380.9	0.264			2.62	2.61	1.142	2.217			2.784	NO
4	5	PFHxA	313.2 > 268.9	6589.9	2950.1	0.264			3.11	3.11	11.169	29.085			330.903	NO
5	7	PFHpA	363.0 > 318.9	4257.7	8458.2	0.264			3.73	3.73	6.292	20.115			28.233	NO
6	8	L-PFHxS	398.9 > 79.6	185.3	1080.5	0.264			3.91	3.89	2.143	4.806			1.555	NO
7	10	6:2 FTS	427.1 > 407	1011.3	2911.5	0.264			4.31	4.20	4.342	15.872			3.086	NO
8	11	L-PFOA	413 > 368.7	5260.9	13426.3	0.264			4.40	4.26	4.898	18.586			4.597	NO
9	13	PFHpS	449 > 80.0		13426.3	0.264			4.48							
10	14	PFNA	463.0 > 418.8	2782.3	12353.5	0.264			4.82	4.70	2.815	8.709			5.470	NO
11	15	PFOSA	498.2 > 77.9		1661.7	0.264			4.89							
12	16	L-PFOS	499.1 > 79.9	908.0	3021.9	0.264			4.90	4.79	3.756	16.125			2.132	NO
13	18	PFDA	513 > 468.8	371.4	16539.4	0.264			5.20	5.08	0.281	1.210			8.409	NO

Dataset:

Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-67.qld

Rev'd: MM 5/29/2018

Last Altered:

Monday, May 28, 2018 18:05:03 Pacific Daylight Time

Printed:

Monday, May 28, 2018 18:05:19 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052718.mdb 28 May 2018 09:36:27

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Name: 180527M1_67, Date: 28-May-2018, Time: 05:12:39, ID: 1800859-03 BP-DUP06-20180501 0.26367, Description: BP-DUP06-20180501

	#	Name	Trace	Area	IS Area	wt/vol	RRF	M...	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	19	8:2 FTS	527 > 506.9	610.2	2800.3	0.264			5.17	5.05	2.724	7.585		3.410	YES
2	21	L-MeFOSAA	570.1 > 419		3190.0	0.264			5.35						
3	23	L-EtFOSAA	584.2 > 419		3785.7	0.264			5.52						
4	25	PFUdA	563.0 > 518.9	611.6	13852.5	0.264			5.53	5.41	0.552	2.031		16.967	NO
5	26	PFDS	598.8 > 80		13852.5	0.264			5.58						
6	27	PFDaA	612.9 > 569.0		14414.3	0.264			5.82						
7	29	PFTrDA	662.9 > 618.9		14414.3	0.264			6.07						
8	30	PFTeDA	712.9 > 668.8		12315.9	0.264			6.29						

Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-67.qld

Last Altered: Monday, May 28, 2018 18:05:03 Pacific Daylight Time
Printed: Monday, May 28, 2018 18:05:13 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052718.mdb 28 May 2018 09:36:27
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Name: 180527M1_67, Date: 28-May-2018, Time: 05:12:39, ID: 1800859-03 BP-DUP06-20180501 0.26367, Description: BP-DUP06-20180501

	#	Name	Trace	Area	IS Area	wt/vol	RRF M...	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	36	13C3-PFBA	216.1 > 171.8	5677.7	6812.3	0.264	0.874	1.42	1.35	10,418	45,195	95.3		
2	37	13C3-PFPeA	266. > 221.8	8413.1	11171.5	0.264	0.834	2.40	2.32	9,414	42,792	90.3		
3	38	13C3-PFBS	302. > 98.8	1380.9	11171.5	0.264	0.101	2.68	2.61	1,545	58,205	122.8		
4	39	13C2-4:2 FTS	329.2>308.9	2670.9	11171.5	0.264	0.238	3.10	3.02	2,989	47,527	100.3		
5	40	13C2-PFHxA	315 > 269.8	2950.1	11171.5	0.264	0.731	3.19	3.11	3,301	17,123	90.3		
6	41	13C4-PFHpA	367.2 > 321.8	8458.2	11171.5	0.264	0.820	3.83	3.73	9,464	43,782	92.4		
7	42	18O2-PFHxS	403.0 > 102.6	1080.5	2924.7	0.264	0.429	3.99	3.89	4,618	40,796	86.1		
8	43	13C2-6:2 FTS	429.1 > 408.9	2911.5	13517.0	0.264	0.235	4.31	4.20	2,692	43,433	91.6		
9	44	13C2-PFOA	414.9 > 369.7	13426.3	13517.0	0.264	1.222	4.37	4.26	12,416	38,523	81.3		
10	45	13C5-PFNA	468.2 > 422.9	12353.5	15180.1	0.264	0.950	4.82	4.70	10,172	40,605	85.6		
11	46	13C8-PFOSA	506.1 > 77.7	1661.7	18180.8	0.264	0.190	4.89	4.77	1,143	22,837	48.2		
12	47	13C8-PFOS	507.0 > 79.9	3021.9	3063.4	0.264	1.018	4.90	4.79	12,331	45,957	96.9		
13	48	13C2-PFDA	515.1 > 469.9	16539.4	17177.3	0.264	1.175	5.20	5.08	12,036	38,836	81.9		
14	49	13C2-8:2 FTS	529.1 > 508.7	2800.3	11171.5	0.264	0.245	5.17	5.05	3,133	48,436	102.2		
15	50	d3-N-MeFOSAA	573.3 > 419	3190.0	18180.8	0.264	0.202	5.35	5.23	2,193	41,270	87.1		
16	51	d5-N-EtFOSAA	589.3 > 419	3785.7	18180.8	0.264	0.242	5.51	5.39	2,603	40,740	85.9		
17	52	13C2-PFUdA	565 > 519.8	13852.5	18180.8	0.264	1.062	5.53	5.40	9,524	34,025	71.8		
18	53	13C2-PFDaA	615.0 > 569.7	14414.3	17177.3	0.264	1.048	5.82	5.69	10,489	37,977	80.1		
19	54	d3-N-MeFOSA	515.2 > 168.9		18180.8	0.264	0.058	6.02						
20	55	13C2-PFTeDA	714.8 > 669.6	12315.9	18180.8	0.264	0.871	6.29	6.16	8,468	36,869	77.8		
21	56	d5-N-ETFOSA	531.1 > 168.9		18180.8	0.264	0.073	6.41						
22	57	13C2-PFHxDA	815 > 769.7	6374.3	18180.8	0.264	1.232	6.61	6.49	4,383	13,490	71.1		
23	58	d7-N-MeFOSE	623.1 > 58.9		18180.8	0.264	0.039	6.53						
24	59	d9-N-EtFOSE	639.2 > 58.8		18180.8	0.264	0.037	6.67						
25	60	13C4-PFBA	217. > 171.8	6812.3	6812.3	0.264	1.000	1.42	1.35	12,500	47,408	100.0		
26	61	13C5-PFHxA	318 > 272.9	11171.5	11171.5	0.264	1.000	3.19	3.11	12,500	47,408	100.0		
27	62	13C3-PFHxS	401.9 > 79.9	2924.7	2924.7	0.264	1.000	3.99	3.89	12,500	47,408	100.0		
28	63	13C8-PFOA	421.3 > 376	13517.0	13517.0	0.264	1.000	4.37	4.26	12,500	47,408	100.0		
29	64	13C9-PFNA	472.2 > 426.9	15180.1	15180.1	0.264	1.000	4.82	4.70	12,500	47,408	100.0		
30	65	13C4-PFOS	503 > 79.9	3063.4	3063.4	0.264	1.000	4.90	4.79	12,500	47,408	100.0		
31	66	13C6-PFDA	519.1 > 473.7	17177.3	17177.3	0.264	1.000	5.20	5.08	12,500	47,408	100.0		
32	67	13C7-PFUdA	570.1 > 524.8	18180.8	18180.8	0.264	1.000	5.53	5.40	12,500	47,408	100.0		
33	68	Total PFHxS	398.9 > 79.6	185.3	1080.5	0.264		4.05		2,143	4,806			

Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-67.qld

Last Altered: Monday, May 28, 2018 18:05:03 Pacific Daylight Time
Printed: Monday, May 28, 2018 18:05:13 Pacific Daylight Time

Name: 180527M1_67, Date: 28-May-2018, Time: 05:12:39, ID: 1800859-03 BP-DUP06-20180501 0.26367, Description: BP-DUP06-20180501

	#	Name	Trace	Area	IS Area	wt/vol	RRF	M...	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
34	69	Total PFOA	413 > 368.7	5670.0	13426.3	0.264			4.30		5.279	20.017			
35	70	Total PFOS	499.1 > 79.9	908.0	3021.9	0.264			4.90		3.756	16.125			
36	71	Total N-MeFOSAA	570.1 > 419	0.0	3190.0	0.264			5.55		0.000				
37	72	Total N-EtFOSAA	584.2 > 419	0.0	3785.7	0.264			5.70		0.000				

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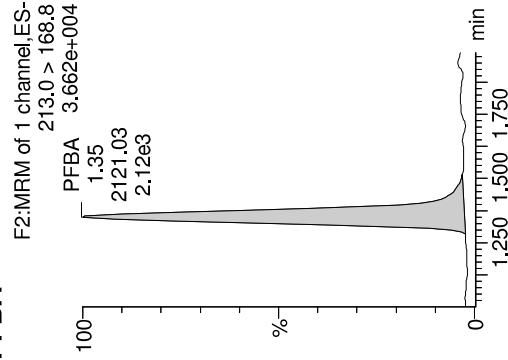
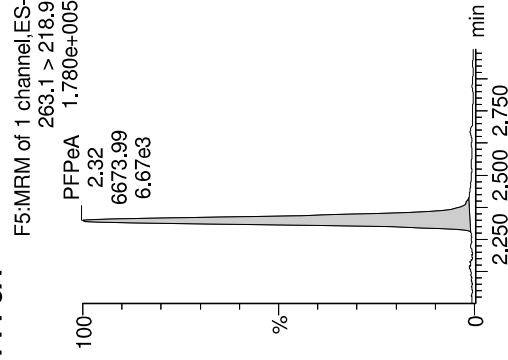
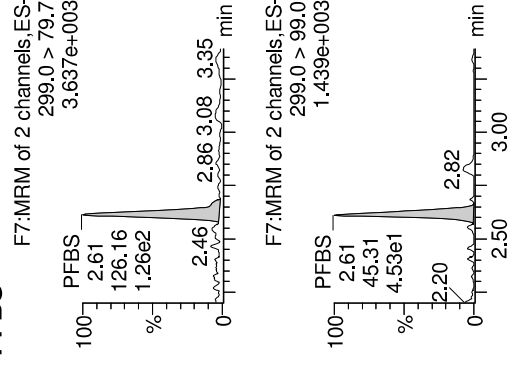
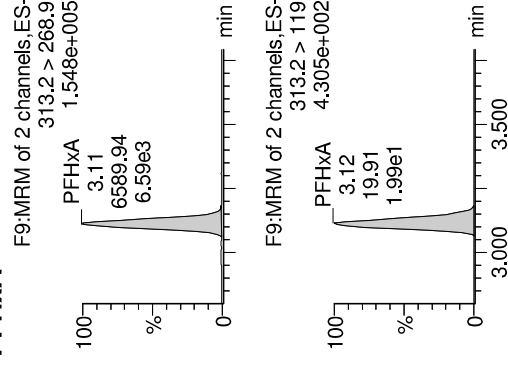
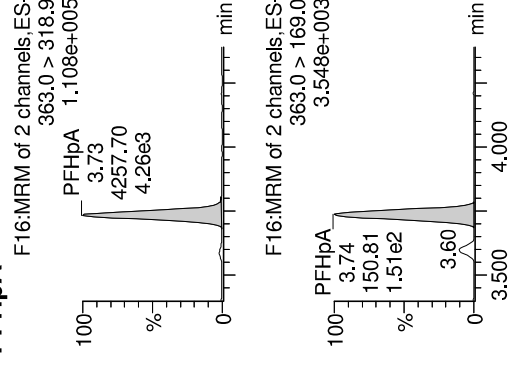
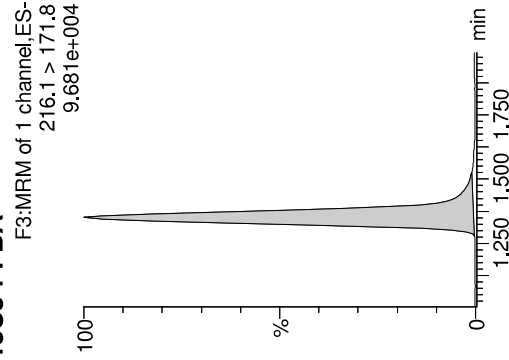
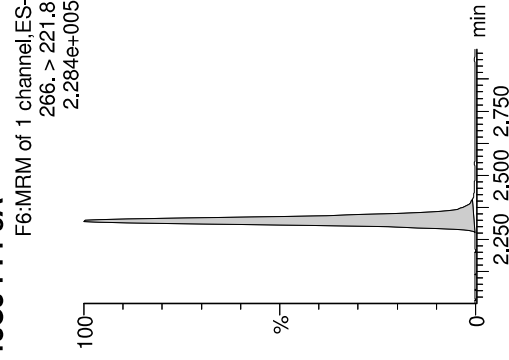
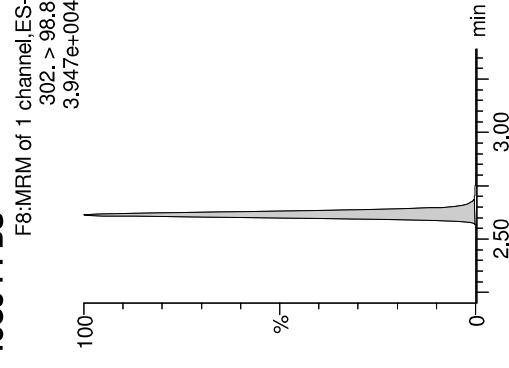
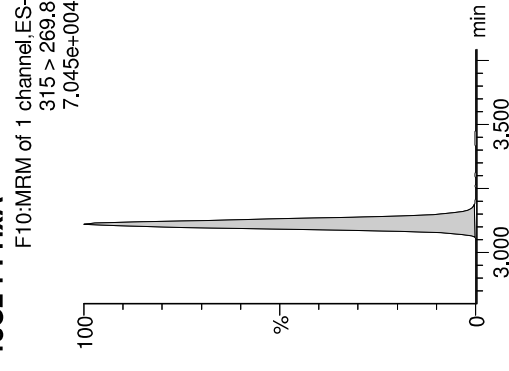
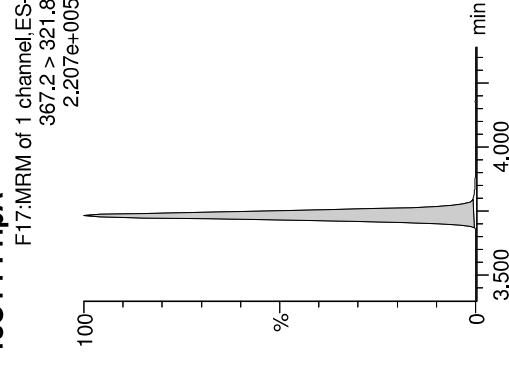
Rev'd: MM 5/29/2018

Last Altered: Monday, May 28, 2018 18:05:03 Pacific Daylight Time
Printed: Monday, May 28, 2018 18:05:13 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052718.mdb 28 May 2018 09:36:27

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Name: 180527M1_67, Date: 28-May-2018, Time: 05:12:39, ID: 1800859-03 BP-DUP06-20180501 0.26367, Description: BP-DUP06-20180501

PFBA**PFPeA****PFBS****PFHxA****PFHpA****13C3-PFBA****13C3-PFPeA****13C3-PFBS****13C2-PFHxA****13C4-PFHpA**

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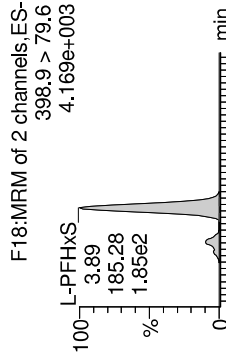
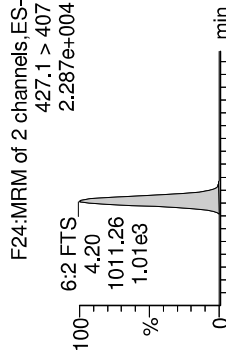
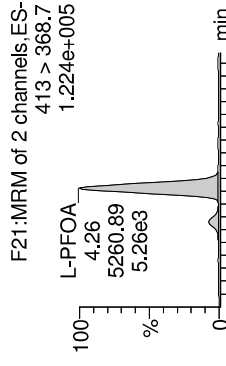
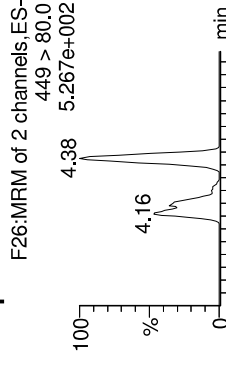
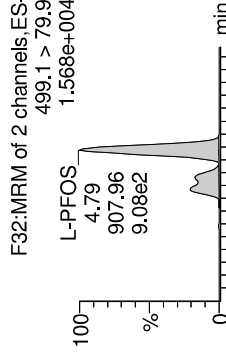
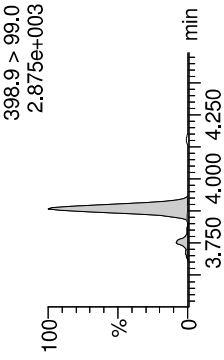
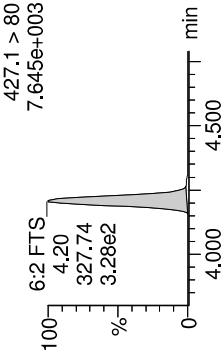
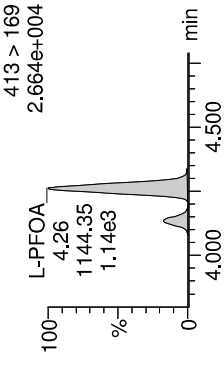
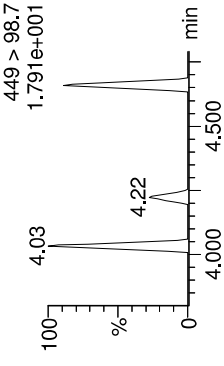
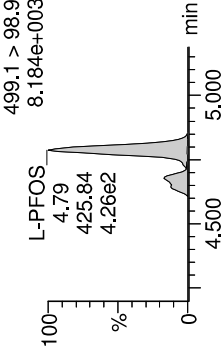
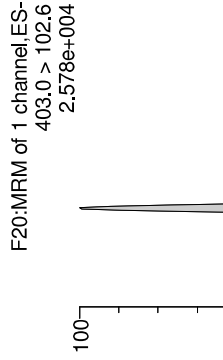
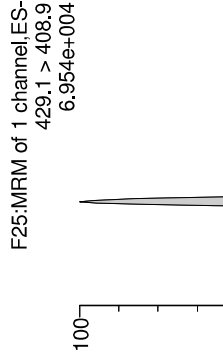
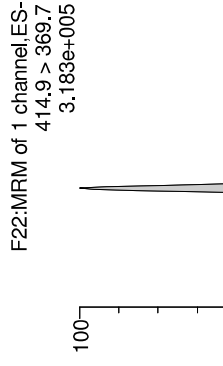
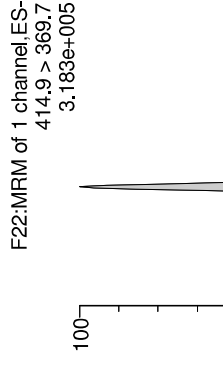
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Rev'd: MM 5/29/2018

Last Altered: Monday, May 28, 2018 18:05:03 Pacific Daylight Time

Printed: Monday, May 28, 2018 18:05:13 Pacific Daylight Time

Name: 180527M1_67, Date: 28-May-2018, Time: 05:12:39, ID: 1800859-03 BP-DUP06-20180501 0.26367, Description: BP-DUP06-20180501

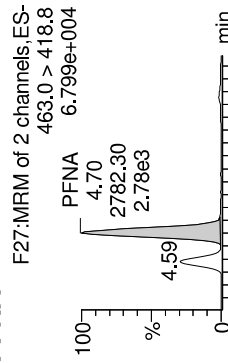
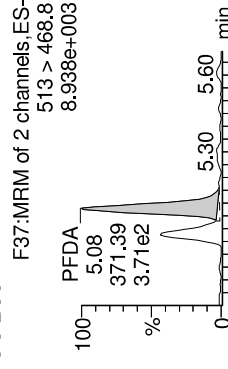
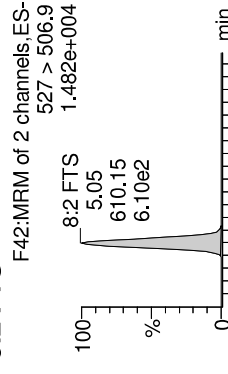
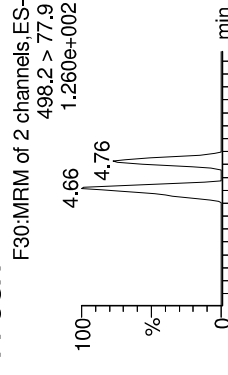
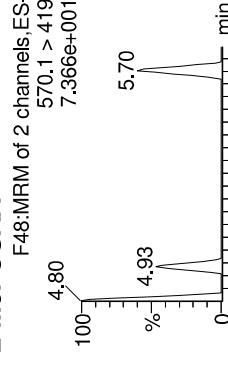
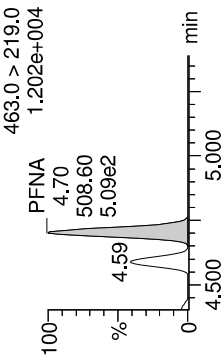
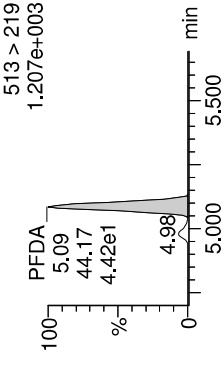
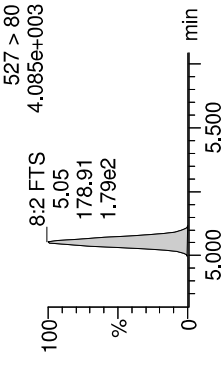
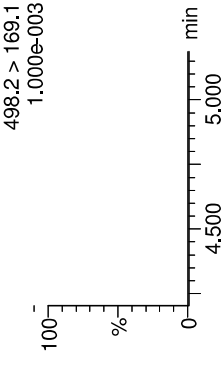
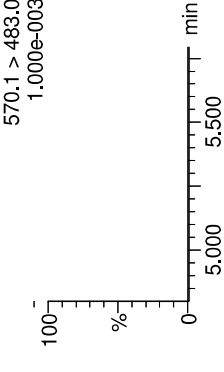
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Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-67.qld

Rev'd: MM 5/29/2018

Last Altered: Monday, May 28, 2018 18:05:03 Pacific Daylight Time
Printed: Monday, May 28, 2018 18:05:13 Pacific Daylight Time

Name: 180527M1_67, Date: 28-May-2018, Time: 05:12:39, ID: 1800859-03 BP-DUP06-20180501 0.26367, Description: BP-DUP06-20180501

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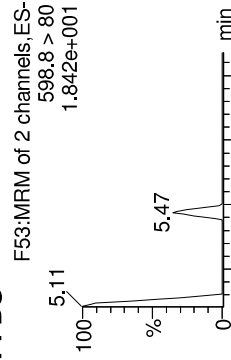
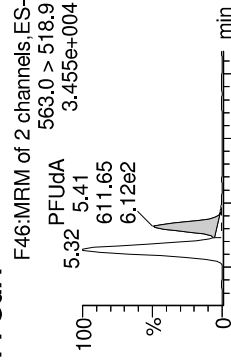
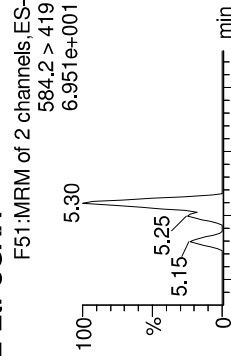
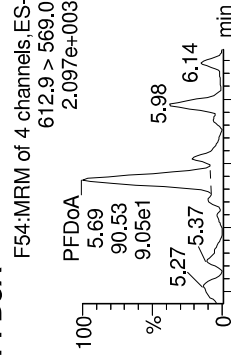
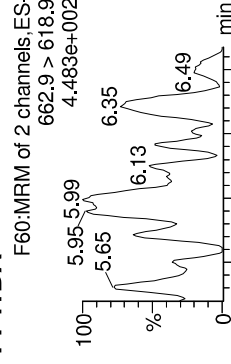
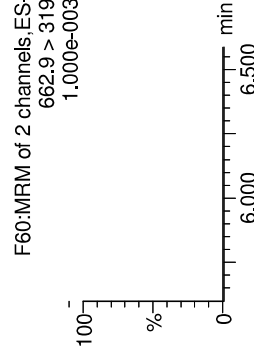
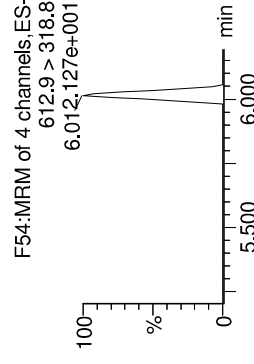
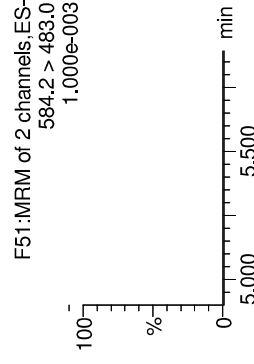
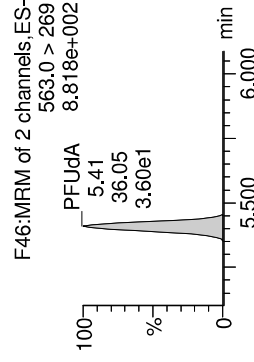
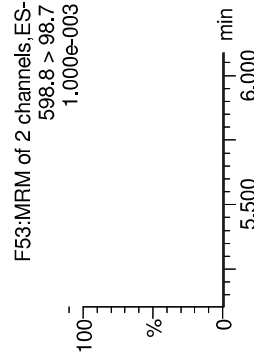
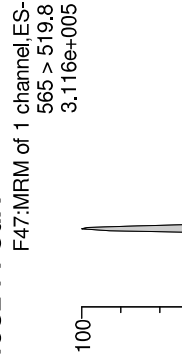
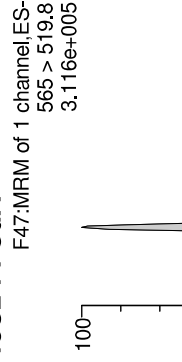
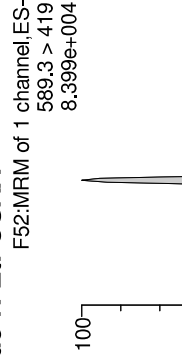
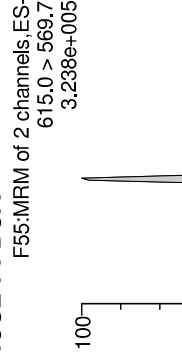
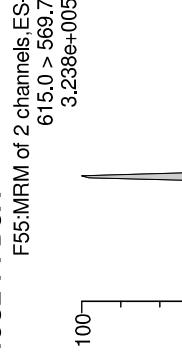
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Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-67.qld

Rev'd: MM 5/29/2018

Last Altered: Monday, May 28, 2018 18:05:03 Pacific Daylight Time
Printed: Monday, May 28, 2018 18:05:13 Pacific Daylight Time

Name: 180527M1_67, Date: 28-May-2018, Time: 05:12:39, ID: 1800859-03 BP-DUP06-20180501 0.26367, Description: BP-DUP06-20180501

PFDS**PFUdA****L-EtFOSAA****PFDaA****PFTTrDA****13C2-PFUdA****13C2-PFUDa****13C2-PFUdA****d5-N-EtFOSAA****13C2-PFDaA****13C2-PFDaA**

Dataset:

Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-67.qld

Rev'd: MM 5/29/2018

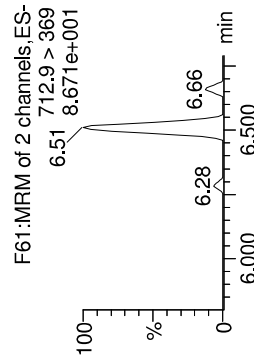
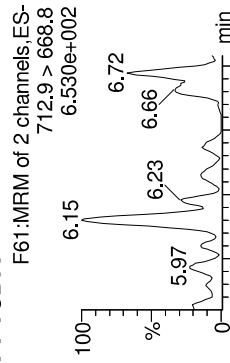
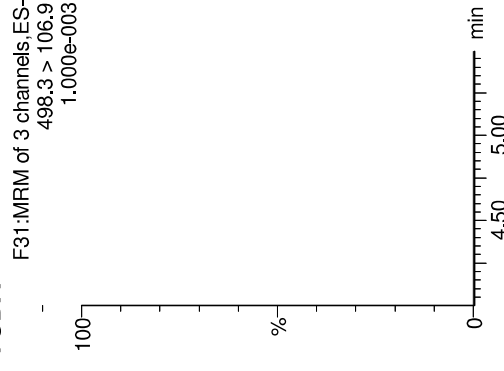
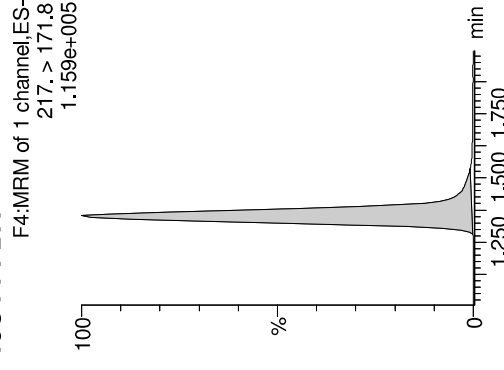
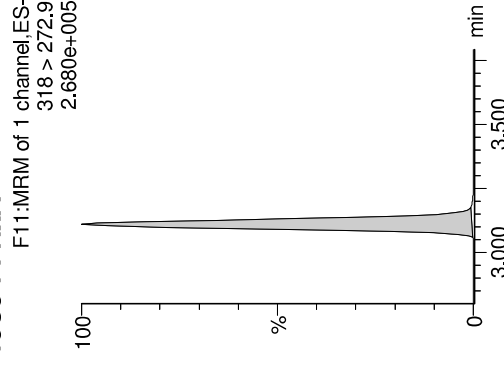
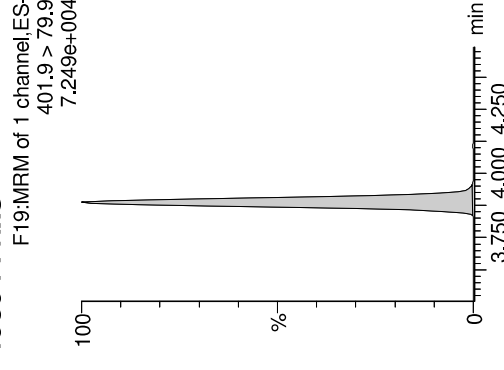
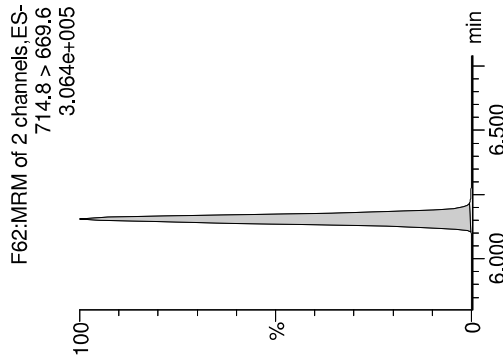
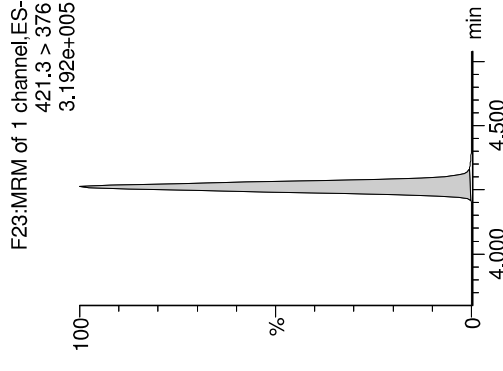
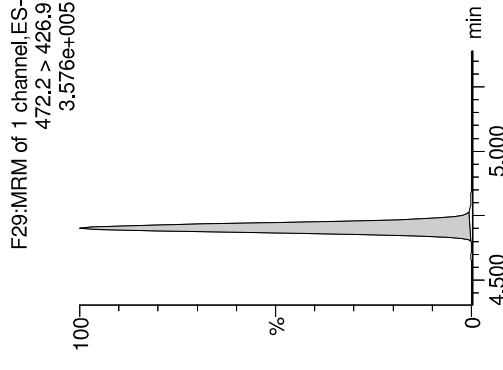
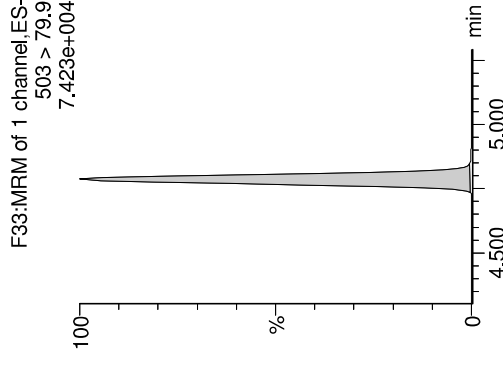
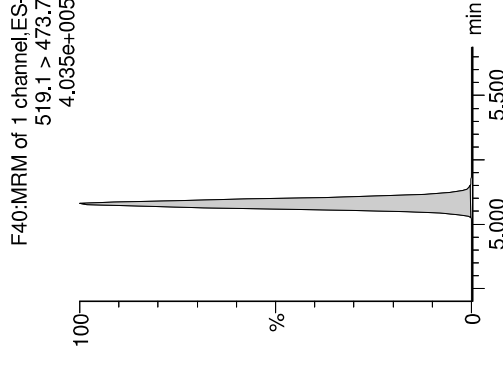
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Monday, May 28, 2018 18:05:03 Pacific Daylight Time

Printed:

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Name: 180527M1_67, Date: 28-May-2018, Time: 05:12:39, ID: 1800859-03 BP-DUP06-20180501 0.26367, Description: BP-DUP06-20180501

PFTeDA**TCDA****13C4-PFBA****13C5-PFHxA****13C3-PFHxS****13C2-PFTeDA****13C8-PFOA****13C9-PFNA****13C4-PFOS****13C6-PFDA**

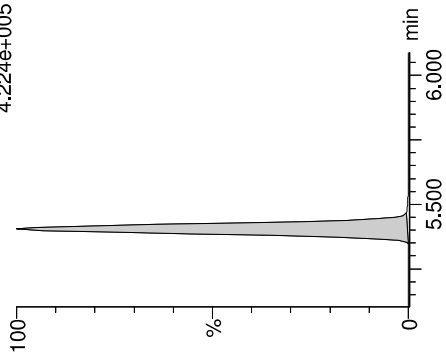
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Name: 180527M1_67, Date: 28-May-2018, Time: 05:12:39, ID: 1800859-03 BP-DUP06-20180501 0.26367, Description: BP-DUP06-20180501

13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8
4.224e+005



Rev'd: MM 5/29/2018

Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-68.qld

Last Altered: Monday, May 28, 2018 18:08:33 Pacific Daylight Time

Printed: Monday, May 28, 2018 18:09:08 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052718.mdb 28 May 2018 09:36:27

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Name: 180527M1_68, Date: 28-May-2018, Time: 05:23:03, ID: 1800859-04 BP-EB04-20180501 0.26058, Description: BP-EB04-20180501

	#	Name	Trace	Area	IS Area	wt/vol	RRF	M...	Pred.RT	RT	Response	Conc.	%Rec	Ion	Ratio	Ratio Out?
1	1	PFBA	213.0 > 168.8		6605.5	0.261			1.34							
2	2	PFPeA	263.1 > 218.9	34.6	10029.6	0.261			2.32	2.33	0.043	0.049				
3	3	PFBS	299.0 > 79.7		1454.9	0.261			2.61							
4	5	PFHxA	313.2 > 268.9		3546.9	0.261			3.11							
5	7	PFHpA	363.0 > 318.9		10698.6	0.261			3.74							
6	8	L-PFHxS	398.9 > 79.6		1220.6	0.261			3.91							
7	10	6:2 FTS	427.1 > 407	41.9	3024.1	0.261			4.31	4.21	0.173	0.467			4.399	YES Q
8	11	L-PFOA	413 > 368.7	246.7	14311.4	0.261			4.40	4.26	0.215	0.813			5.649	NO
9	13	PFHpS	449 > 80.0		14311.4	0.261			4.48							
10	14	PFNA	463.0 > 418.8		14240.0	0.261			4.82							
11	15	PFOSA	498.2 > 77.9		2097.7	0.261			4.89							
12	16	L-PFOS	499.1 > 79.9		3099.6	0.261			4.90							
13	18	PFDA	513 > 468.8		15379.5	0.261			5.20							

Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-68.qld Rev'd: MM 5/29/2018

Last Altered: Monday, May 28, 2018 18:08:33 Pacific Daylight Time
Printed: Monday, May 28, 2018 18:09:15 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052718.mdb 28 May 2018 09:36:27
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47
Name: 180527M1_68, Date: 28-May-2018, Time: 05:23:03, ID: 1800859-04 BP-EB04-20180501 0.26058, Description: BP-EB04-20180501

	#	Name	Trace	Area	IS Area	wt/vol	RRF	M...	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	19	8:2 FTS	527 > 506.9		2782.8	0.261			5.17						
2	21	L-MeFOSAA	570.1 > 419		3214.2	0.261			5.35						
3	23	L-EtFOSAA	584.2 > 419		4116.8	0.261			5.52						
4	25	PFUdA	563.0 > 518.9		17725.1	0.261			5.53						
5	26	PFDS	598.8 > 80		17725.1	0.261			5.58						
6	27	PFDoA	612.9 > 569.0		14900.7	0.261			5.82						
7	29	PFTrDA	662.9 > 618.9		14900.7	0.261			6.07						
8	30	PFTeDA	712.9 > 668.8		14771.7	0.261			6.29						

Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-68.qld

Last Altered: Monday, May 28, 2018 18:08:33 Pacific Daylight Time
Printed: Monday, May 28, 2018 18:09:22 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052718.mdb 28 May 2018 09:36:27
Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Name: 180527M1_68, Date: 28-May-2018, Time: 05:23:03, ID: 1800859-04 BP-EB04-20180501 0.26058, Description: BP-EB04-20180501

	#	Name	Trace	Area	IS Area	wt/vol	RRF M...	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
1	36	13C3-PFBA	216.1 > 171.8	6605.5	8183.8	0.261	0.874	1.42	1.34	10.089	44,288	92.3		
2	37	13C3-PFPeA	266. > 221.8	10029.6	13218.6	0.261	0.834	2.40	2.32	9.484	43,625	90.9		
3	38	13C3-PFBS	302. > 98.8	1454.9	13218.6	0.261	0.101	2.68	2.61	1.376	52,444	109.3		
4	39	13C2-4:2 FTS	329.2>308.9	2998.0	13218.6	0.261	0.238	3.10	3.03	2.835	45,619	95.1		
5	40	13C2-PFHxA	315 > 269.8	3546.9	13218.6	0.261	0.731	3.19	3.11	3.354	17,605	91.8		
6	41	13C4-PFHpA	367.2 > 321.8	10698.6	13218.6	0.261	0.820	3.83	3.74	10.117	47,357	98.7		
7	42	18O2-PFHxS	403.0 > 102.6	1220.6	3004.9	0.261	0.429	3.99	3.89	5.078	45,391	94.6		
8	43	13C2-6:2 FTS	429.1 > 408.9	3024.1	15111.7	0.261	0.235	4.31	4.20	2.501	40,831	85.1		
9	44	13C2-PFOA	414.9 > 369.7	14311.4	15111.7	0.261	1.222	4.37	4.26	11.838	37,165	77.5		
10	45	13C5-PFNA	468.2 > 422.9	14240.0	18501.0	0.261	0.950	4.82	4.70	9.621	38,859	81.0		
11	46	13C8-PFOSA	506.1 > 77.7	2097.7	24927.6	0.261	0.190	4.89	4.77	1.052	21,275	44.3		
12	47	13C8-PFOS	507.0 > 79.9	3099.6	3288.1	0.261	1.018	4.90	4.79	11.783	44,437	92.6		
13	48	13C2-PFDA	515.1 > 469.9	15379.5	19796.5	0.261	1.175	5.20	5.08	9.711	31,706	66.1		
14	49	13C2-8:2 FTS	529.1 > 508.7	2782.8	13218.6	0.261	0.245	5.17	5.05	2.632	41,162	85.8		
15	50	d3-N-MeFOSAA	573.3 > 419	3214.2	24927.6	0.261	0.202	5.35	5.23	1.612	30,688	64.0		
16	51	d5-N-EtFOSAA	589.3 > 419	4116.8	24927.6	0.261	0.242	5.51	5.39	2.064	32,695	68.2		
17	52	13C2-PFUdA	565 > 519.8	17725.1	24927.6	0.261	1.062	5.53	5.41	8.888	32,130	67.0		
18	53	13C2-PFDaA	615.0 > 569.7	14900.7	19796.5	0.261	1.048	5.82	5.69	9.409	34,468	71.9		
19	54	d3-N-MeFOSA	515.2 > 168.9		24927.6	0.261	0.058	6.02						
20	55	13C2-PFTeDA	714.8 > 669.6	14771.7	24927.6	0.261	0.871	6.29	6.16	7.407	32,634	68.0		
21	56	d5-N-ETFOSA	531.1 > 168.9		24927.6	0.261	0.073	6.41						
22	57	13C2-PFHxDA	815 > 769.7	8503.5	24927.6	0.261	1.232	6.61	6.49	4.264	13,280	69.2		
23	58	d7-N-MeFOSE	623.1 > 58.9		24927.6	0.261	0.039	6.53						
24	59	d9-N-EtFOSE	639.2 > 58.8		24927.6	0.261	0.037	6.67						
25	60	13C4-PFBA	217. > 171.8	8183.8		0.261	1.000	1.42	1.35	12.500	47,970	100.0		
26	61	13C5-PFHxA	318 > 272.9	13218.6		0.261	1.000	3.19	3.12	12.500	47,970	100.0		
27	62	13C3-PFHxS	401.9 > 79.9	3004.9		0.261	1.000	3.99	3.89	12.500	47,970	100.0		
28	63	13C8-PFOA	421.3 > 376	15111.7		0.261	1.000	4.37	4.26	12.500	47,970	100.0		
29	64	13C9-PFNA	472.2 > 426.9	18501.0		0.261	1.000	4.82	4.70	12.500	47,970	100.0		
30	65	13C4-PFOS	503 > 79.9	3288.1		0.261	1.000	4.90	4.79	12.500	47,970	100.0		
31	66	13C6-PFDA	519.1 > 473.7	19796.5		0.261	1.000	5.20	5.08	12.500	47,970	100.0		
32	67	13C7-PFUdA	570.1 > 524.8	24927.6		0.261	1.000	5.53	5.41	12.500	47,970	100.0		
33	68	Total PFHxS	398.9 > 79.6	0.0	1220.6	0.261		4.05		0.000				

Dataset: Z:\Projects\PFAS.PRO\Results\180527M1\180527M1-68.qld

Last Altered: Monday, May 28, 2018 18:08:33 Pacific Daylight Time
Printed: Monday, May 28, 2018 18:09:22 Pacific Daylight Time

Name: 180527M1_68, Date: 28-May-2018, Time: 05:23:03, ID: 1800859-04 BP-EB04-20180501 0.26058, Description: BP-EB04-20180501

	#	Name	Trace	Area	IS Area	wt/vol	RRF	M...	Pred.RT	RT	Response	Conc.	%Rec	Ion Ratio	Ratio Out?
34	69	Total PFOA	413 > 368.7	246.7	14311.4	0.261			4.30		0.215	0.813			
35	70	Total PFOS	499.1 > 79.9	0.0	3099.6	0.261			4.90		0.000				
36	71	Total N-MeFOSAA	570.1 > 419	0.0	3214.2	0.261			5.55		0.000				
37	72	Total N-EtFOSAA	584.2 > 419	0.0	4116.8	0.261			5.70		0.000				

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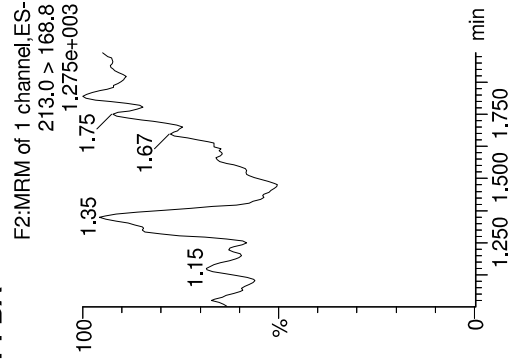
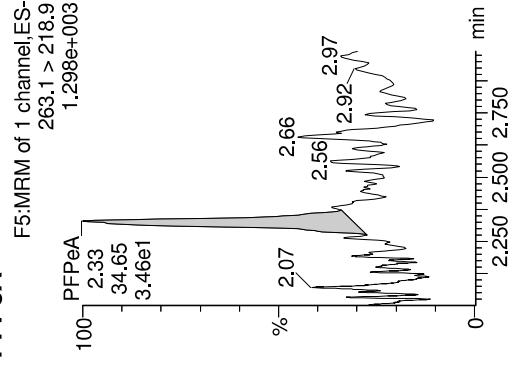
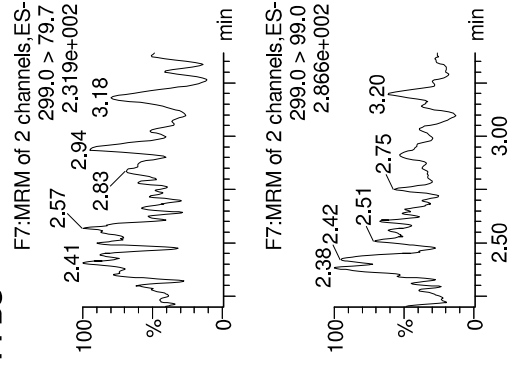
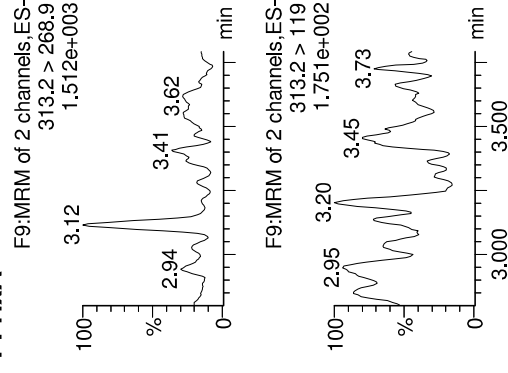
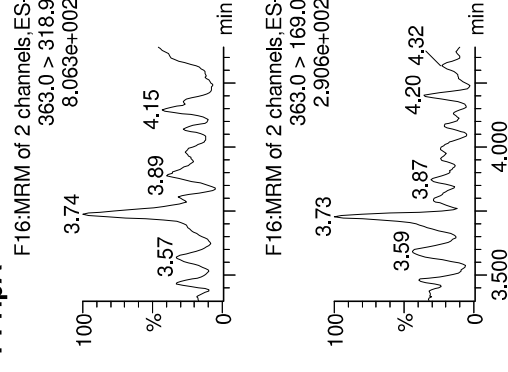
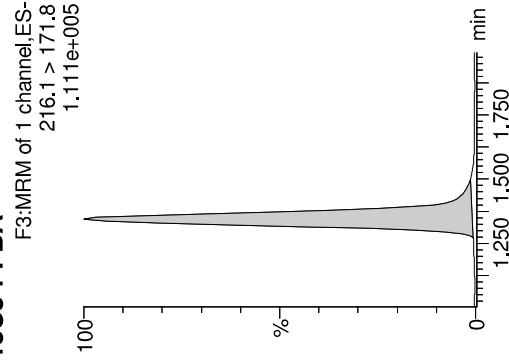
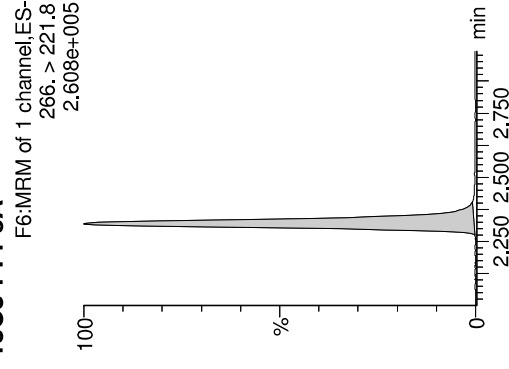
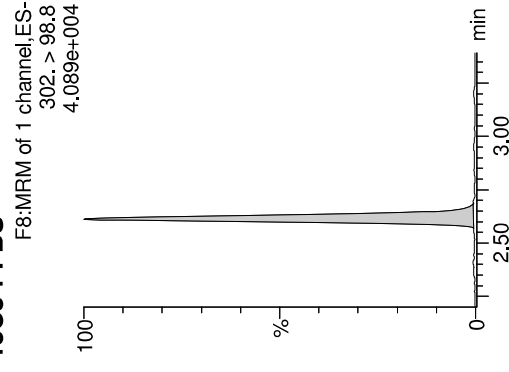
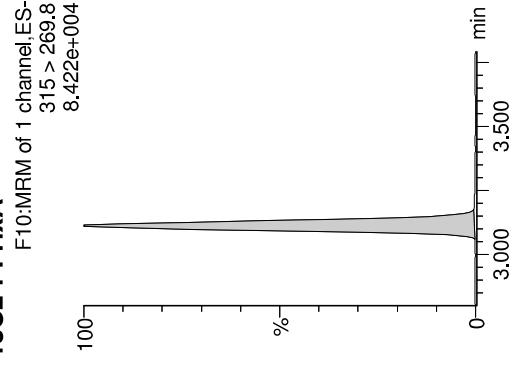
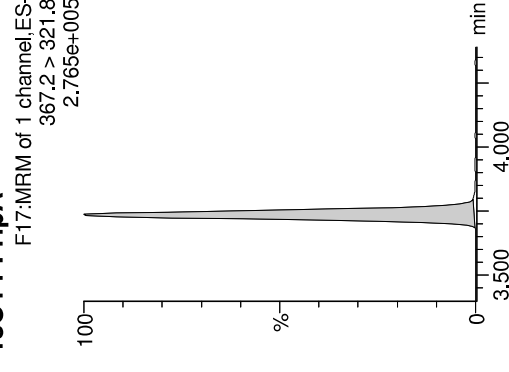
Rev'd: MM 5/29/2018

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Printed: Monday, May 28, 2018 18:09:22 Pacific Daylight Time

Method: Z:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052718.mdb 28 May 2018 09:36:27

Calibration: Z:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Name: 180527M1_68, Date: 28-May-2018, Time: 05:23:03, ID: 1800859-04 BP-EB04-20180501 0.26058, Description: BP-EB04-20180501

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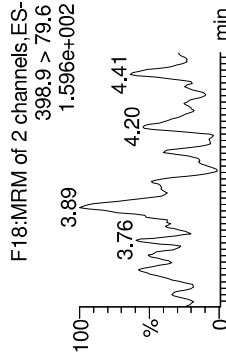
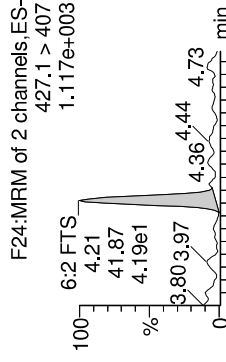
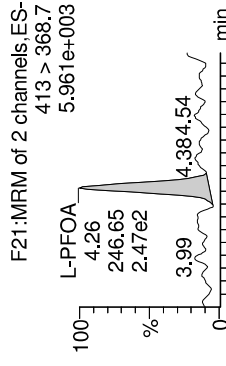
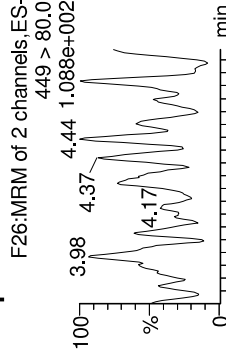
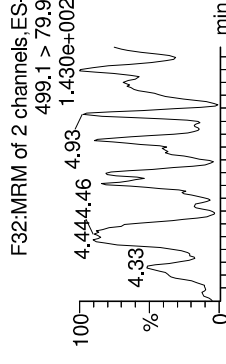
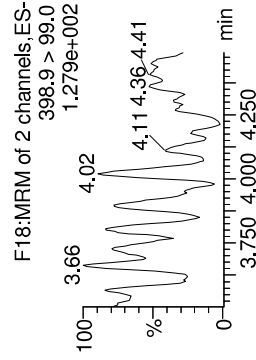
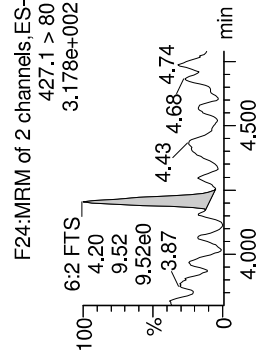
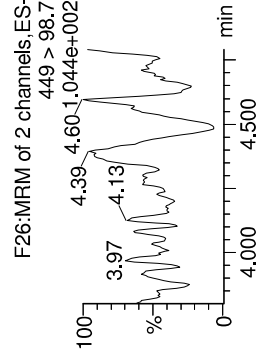
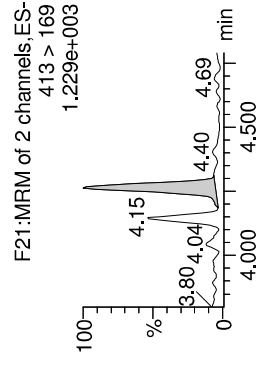
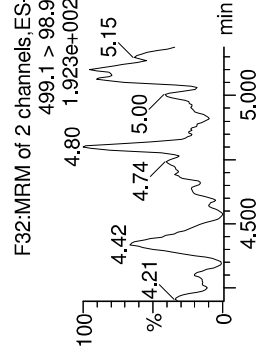
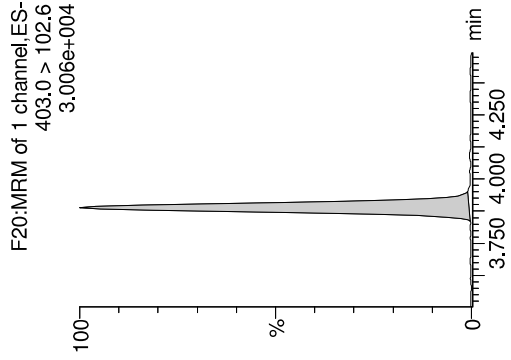
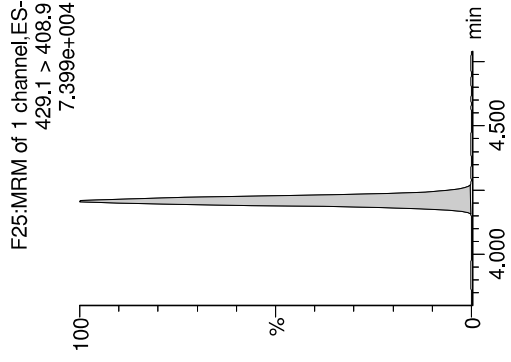
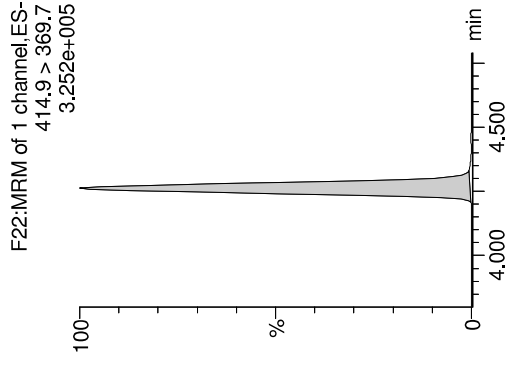
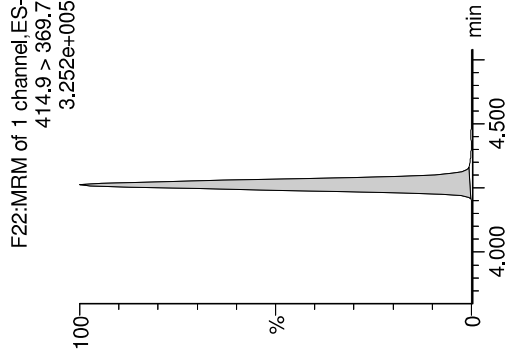
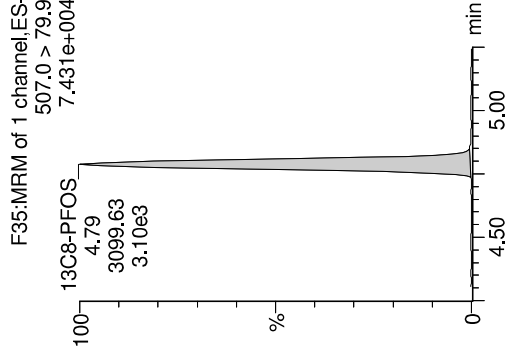
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Name: 180527M1_68, Date: 28-May-2018, Time: 05:23:03, ID: 1800859-04 BP-EB04-20180501 0.26058, Description: BP-EB04-20180501

L-PFHxS**6:2 FTS****Total PFOA****PFHpS****L-PFOS****18O2-PFHxS****6:2 FTS****Total PFOA****L-PFOS****18O2-PFHxS****13C2-6:2 FTS****13C2-PFOA****13C2-PFOA****13C8-PFOS**

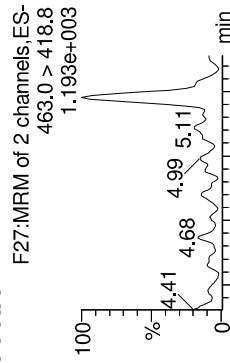
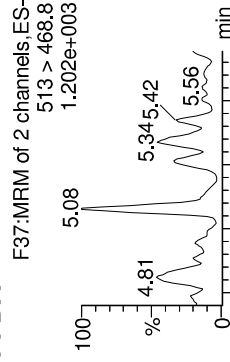
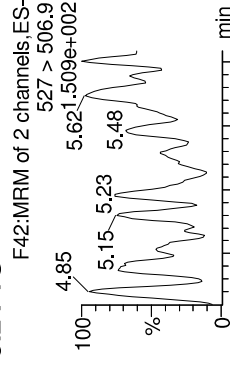
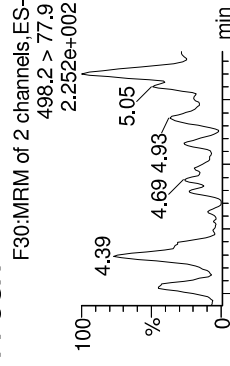
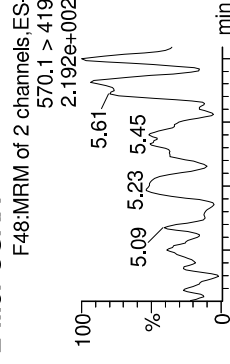
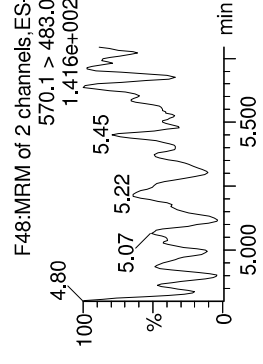
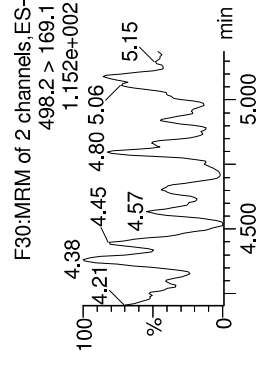
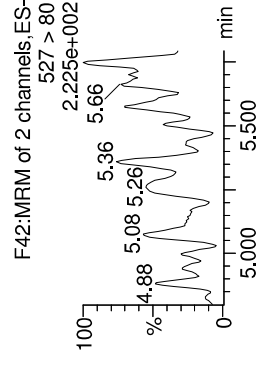
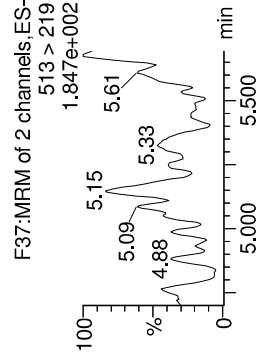
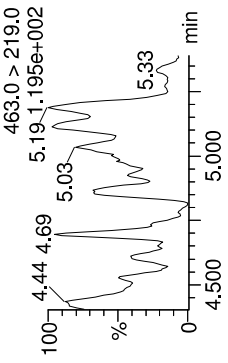
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Name: 180527M1_68, Date: 28-May-2018, Time: 05:23:03, ID: 1800859-04 BP-EB04-20180501 0.26058, Description: BP-EB04-20180501

PFNA**PFDA****8:2 FTS****PFOSA****L-MeFOSAA****13C5-PFNA****13C5-PFNA****13C2-PFDA****13C2-8:2 FTS****13C8-PFOSA****d3-N-MeFOSAA**

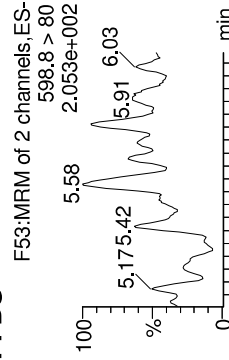
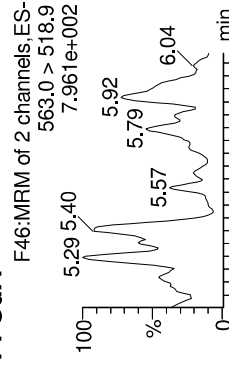
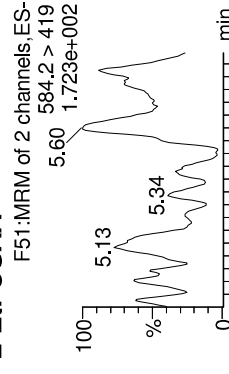
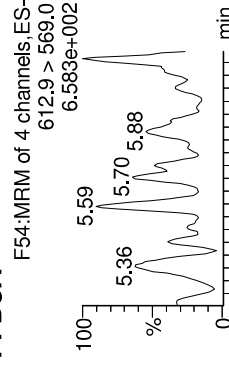
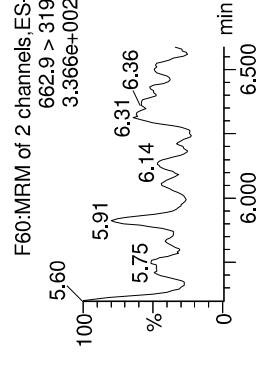
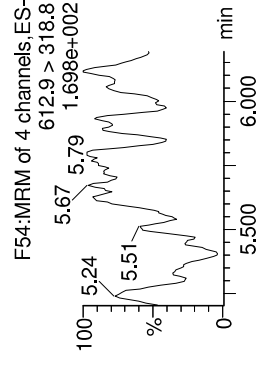
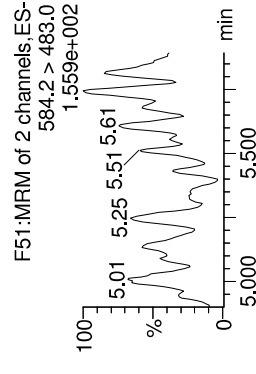
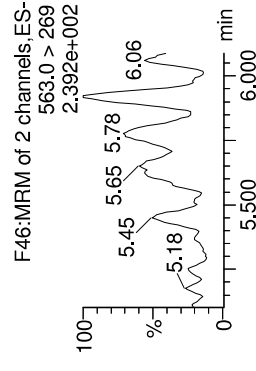
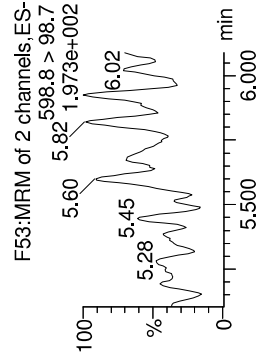
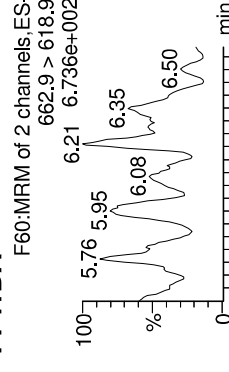
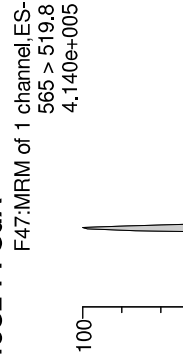
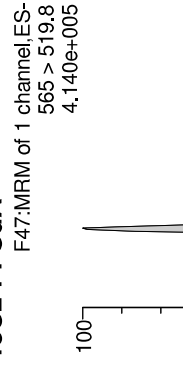
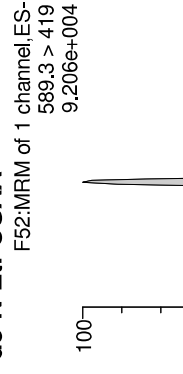
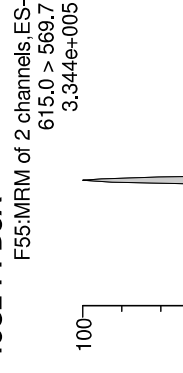
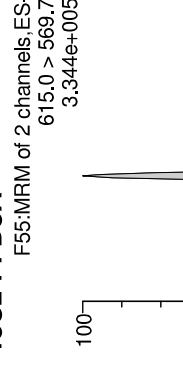
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Name: 180527M1_68, Date: 28-May-2018, Time: 05:23:03, ID: 1800859-04 BP-EB04-20180501 0.26058, Description: BP-EB04-20180501

PFDS**PFUdA****L-EtFOSAA****PFDa****PFTTrDA****13C2-PFUdA****13C2-PFUdA****d5-N-EtFOSAA****13C2-PFDa****13C2-PFDa**

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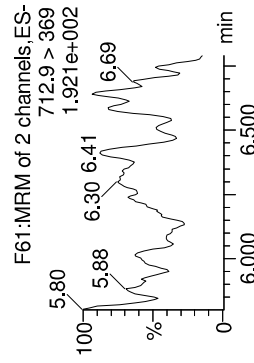
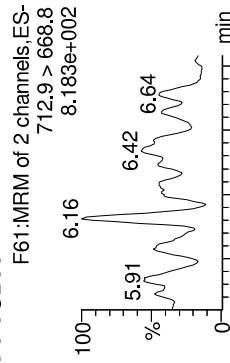
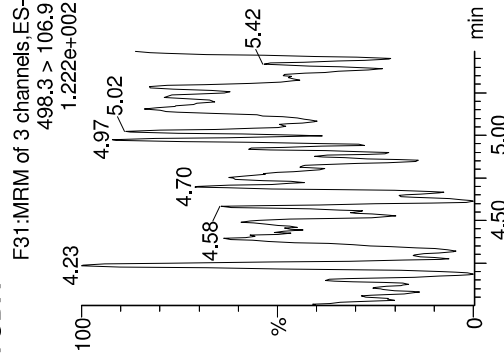
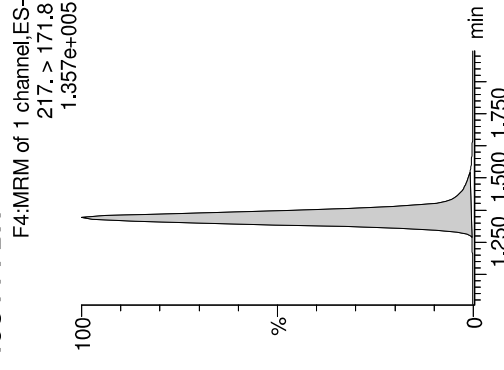
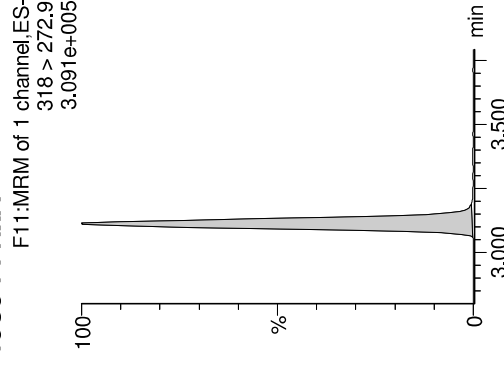
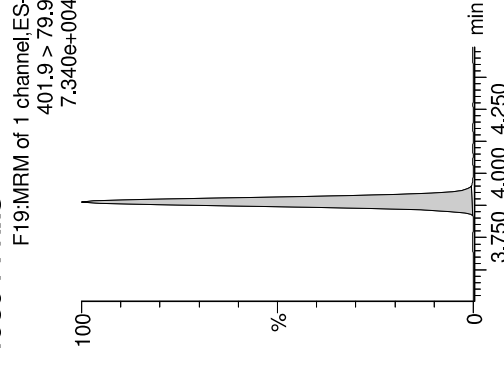
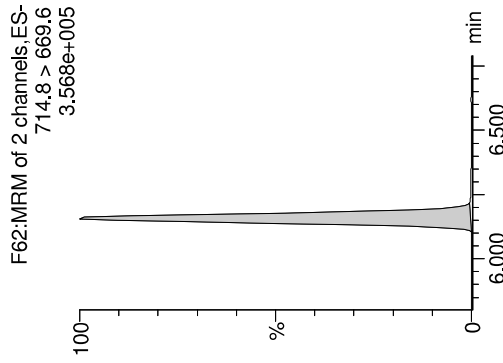
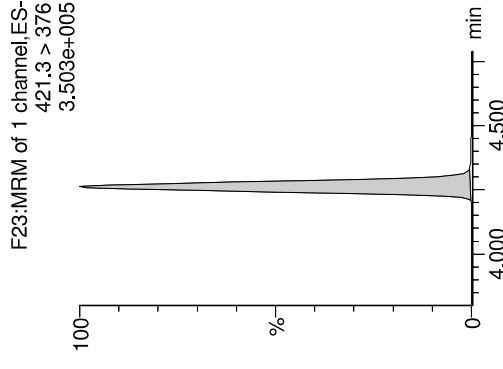
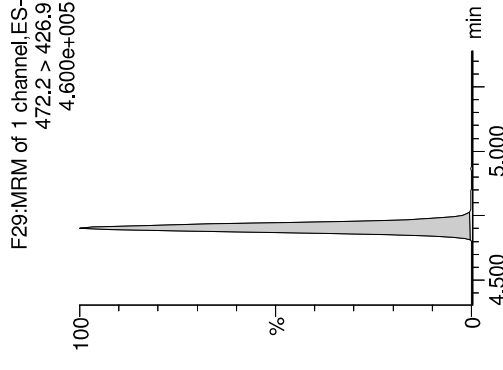
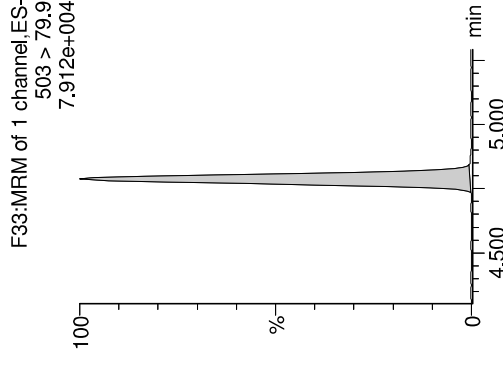
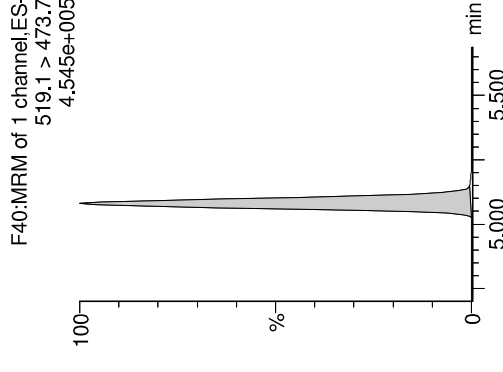
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Name: 180527M1_68, Date: 28-May-2018, Time: 05:23:03, ID: 1800859-04 BP-EB04-20180501 0.26058, Description: BP-EB04-20180501

PFTeDA**TCDA****13C4-PFBA****13C5-PFHxA****13C3-PFHxS****13C2-PFTeDA****13C8-PFOA****13C9-PFNA****13C4-PFOS****13C6-PFDA**

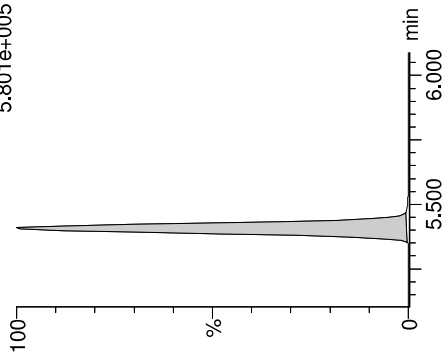
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Name: 180527M1_68, Date: 28-May-2018, Time: 05:23:03, ID: 1800859-04 BP-EB04-20180501 0.26058, Description: BP-EB04-20180501

13C7-PFUdA

F49:MRM of 1 channel,ES-
570.1 > 524.8
5.801e+005



**INJECTION INTERNAL STANDARD (IIS) AREAS,
INSTRUMENT BLANKS (IB)
AND
CONTINUING CALIBRATION VERIFICATIONS CCV)**

Dataset: Untitled

Last Altered: Monday, May 28, 2018 10:14:00 Pacific Daylight Time

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_RS-5-19-18.mdb 20 May 2018 12:59:37

Calibration: 28 May 2018 10:13:59

Name: 180527M1_4, Date: 27-May-2018, Time: 18:10:44, ID: ST180527M1-3 PFC CS0 18E2204, Description: PFC CS0 18E2204

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180527M1-3 PFC CS0 18E2204	8.64e3	100.0	NO
2	2 13C5-PFHxA	ST180527M1-3 PFC CS0 18E2204	1.60e4	100.0	NO
3	3 13C3-PFHxS	ST180527M1-3 PFC CS0 18E2204	2.96e3	100.0	NO
4	4 13C8-PFOA	ST180527M1-3 PFC CS0 18E2204	1.66e4	100.0	NO
5	5 13C9-PFNA	ST180527M1-3 PFC CS0 18E2204	2.00e4	100.0	NO
6	6 13C4-PFOS	ST180527M1-3 PFC CS0 18E2204	3.03e3	100.0	NO
7	7 13C6-PFDA	ST180527M1-3 PFC CS0 18E2204	2.19e4	100.0	NO
8	8 13C7-PFUDa	ST180527M1-3 PFC CS0 18E2204	2.31e4	100.0	NO

Name: 180527M1_5, Date: 27-May-2018, Time: 18:22:07, ID: ST180527M1-4 PFC CS1 18E2205, Description: PFC CS1 18E2205

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180527M1-4 PFC CS1 18E2205	8.20e3	94.9	NO
2	2 13C5-PFHxA	ST180527M1-4 PFC CS1 18E2205	1.48e4	92.7	NO
3	3 13C3-PFHxS	ST180527M1-4 PFC CS1 18E2205	2.79e3	94.2	NO
4	4 13C8-PFOA	ST180527M1-4 PFC CS1 18E2205	1.53e4	92.1	NO
5	5 13C9-PFNA	ST180527M1-4 PFC CS1 18E2205	2.02e4	101.4	NO
6	6 13C4-PFOS	ST180527M1-4 PFC CS1 18E2205	3.05e3	100.6	NO
7	7 13C6-PFDA	ST180527M1-4 PFC CS1 18E2205	1.83e4	83.8	NO
8	8 13C7-PFUDa	ST180527M1-4 PFC CS1 18E2205	2.18e4	94.1	NO

Name: 180527M1_6, Date: 27-May-2018, Time: 18:34:27, ID: ST180527M1-5 PFC CS2 18E2206, Description: PFC CS2 18E2206

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180527M1-5 PFC CS2 18E2206	8.75e3	101.3	NO
2	2 13C5-PFHxA	ST180527M1-5 PFC CS2 18E2206	1.68e4	105.2	NO
3	3 13C3-PFHxS	ST180527M1-5 PFC CS2 18E2206	3.19e3	108.0	NO
4	4 13C8-PFOA	ST180527M1-5 PFC CS2 18E2206	1.71e4	102.6	NO
5	5 13C9-PFNA	ST180527M1-5 PFC CS2 18E2206	2.11e4	105.8	NO
6	6 13C4-PFOS	ST180527M1-5 PFC CS2 18E2206	3.12e3	103.0	NO
7	7 13C6-PFDA	ST180527M1-5 PFC CS2 18E2206	2.49e4	114.0	NO
8	8 13C7-PFUDa	ST180527M1-5 PFC CS2 18E2206	2.61e4	112.6	NO

Name: 180527M1_7, Date: 27-May-2018, Time: 18:44:51, ID: ST180527M1-6 PFC CS3 18E2207, Description: PFC CS3 18E2207

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180527M1-6 PFC CS3 18E2207	9.39e3	108.7	NO
2	2 13C5-PFHxA	ST180527M1-6 PFC CS3 18E2207	1.48e4	92.7	NO
3	3 13C3-PFHxS	ST180527M1-6 PFC CS3 18E2207	2.88e3	97.3	NO
4	4 13C8-PFOA	ST180527M1-6 PFC CS3 18E2207	1.62e4	97.4	NO
5	5 13C9-PFNA	ST180527M1-6 PFC CS3 18E2207	1.90e4	95.1	NO
6	6 13C4-PFOS	ST180527M1-6 PFC CS3 18E2207	3.01e3	99.4	NO
7	7 13C6-PFDA	ST180527M1-6 PFC CS3 18E2207	2.08e4	94.8	NO
8	8 13C7-PFUDa	ST180527M1-6 PFC CS3 18E2207	2.50e4	108.1	NO

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Name: 180527M1_8, Date: 27-May-2018, Time: 18:55:21, ID: ST180527M1-7 PFC CS4 18E2208, Description: PFC CS4 18E2208

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180527M1-7 PFC CS4 18E2208	8.93e3	103.3	NO
2	2 13C5-PFHxA	ST180527M1-7 PFC CS4 18E2208	1.40e4	87.2	NO
3	3 13C3-PFHxS	ST180527M1-7 PFC CS4 18E2208	2.74e3	92.8	NO
4	4 13C8-PFOA	ST180527M1-7 PFC CS4 18E2208	1.56e4	93.5	NO
5	5 13C9-PFNA	ST180527M1-7 PFC CS4 18E2208	1.87e4	93.6	NO
6	6 13C4-PFOS	ST180527M1-7 PFC CS4 18E2208	3.00e3	99.2	NO
7	7 13C6-PFDA	ST180527M1-7 PFC CS4 18E2208	2.10e4	96.1	NO
8	8 13C7-PFUDa	ST180527M1-7 PFC CS4 18E2208	2.31e4	99.8	NO

Name: 180527M1_9, Date: 27-May-2018, Time: 19:05:45, ID: ST180527M1-8 PFC CS5 18E2209, Description: PFC CS5 18E2209

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180527M1-8 PFC CS5 18E2209	8.86e3	102.6	NO
2	2 13C5-PFHxA	ST180527M1-8 PFC CS5 18E2209	1.59e4	99.6	NO
3	3 13C3-PFHxS	ST180527M1-8 PFC CS5 18E2209	2.98e3	100.7	NO
4	4 13C8-PFOA	ST180527M1-8 PFC CS5 18E2209	1.65e4	99.3	NO
5	5 13C9-PFNA	ST180527M1-8 PFC CS5 18E2209	1.89e4	94.8	NO
6	6 13C4-PFOS	ST180527M1-8 PFC CS5 18E2209	2.94e3	96.9	NO
7	7 13C6-PFDA	ST180527M1-8 PFC CS5 18E2209	2.39e4	109.1	NO
8	8 13C7-PFUDa	ST180527M1-8 PFC CS5 18E2209	2.45e4	106.1	NO

Name: 180527M1_10, Date: 27-May-2018, Time: 19:16:16, ID: ST180527M1-9 PFC CS6 18E2210, Description: PFC CS6 18E2210

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180527M1-9 PFC CS6 18E2210	8.68e3	100.4	NO
2	2 13C5-PFHxA	ST180527M1-9 PFC CS6 18E2210	1.41e4	88.1	NO
3	3 13C3-PFHxS	ST180527M1-9 PFC CS6 18E2210	2.76e3	93.3	NO
4	4 13C8-PFOA	ST180527M1-9 PFC CS6 18E2210	1.57e4	94.5	NO
5	5 13C9-PFNA	ST180527M1-9 PFC CS6 18E2210	1.93e4	96.6	NO
6	6 13C4-PFOS	ST180527M1-9 PFC CS6 18E2210	3.01e3	99.3	NO
7	7 13C6-PFDA	ST180527M1-9 PFC CS6 18E2210	2.05e4	93.7	NO
8	8 13C7-PFUDa	ST180527M1-9 PFC CS6 18E2210	2.24e4	96.9	NO

Name: 180527M1_11, Date: 27-May-2018, Time: 19:26:46, ID: ST180527M1-10 PFC CS7 18E2211, Description: PFC CS7 18E2211

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180527M1-10 PFC CS7 18E2211	8.86e3	102.6	NO
2	2 13C5-PFHxA	ST180527M1-10 PFC CS7 18E2211	1.39e4	86.9	NO
3	3 13C3-PFHxS	ST180527M1-10 PFC CS7 18E2211	2.56e3	86.7	NO
4	4 13C8-PFOA	ST180527M1-10 PFC CS7 18E2211	1.46e4	87.6	NO
5	5 13C9-PFNA	ST180527M1-10 PFC CS7 18E2211	1.90e4	95.1	NO
6	6 13C4-PFOS	ST180527M1-10 PFC CS7 18E2211	2.87e3	94.7	NO
7	7 13C6-PFDA	ST180527M1-10 PFC CS7 18E2211	1.86e4	85.1	NO
8	8 13C7-PFUDa	ST180527M1-10 PFC CS7 18E2211	2.21e4	95.6	NO

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Name: 180527M1_12, Date: 27-May-2018, Time: 19:37:10, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUDa	IPA			NO

Name: 180527M1_13, Date: 27-May-2018, Time: 19:47:41, ID: ICV180527M1-1 PFC 537 ICV 18E1401, Description: PFC ICV 18E1401

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ICV180527M1-1 PFC 537 ICV 18E1401	8.87e3	102.6	NO
2	2 13C5-PFHxA	ICV180527M1-1 PFC 537 ICV 18E1401	1.59e4	99.3	NO
3	3 13C3-PFHxS	ICV180527M1-1 PFC 537 ICV 18E1401	3.01e3	101.7	NO
4	4 13C8-PFOA	ICV180527M1-1 PFC 537 ICV 18E1401	1.63e4	97.9	NO
5	5 13C9-PFNA	ICV180527M1-1 PFC 537 ICV 18E1401	2.03e4	101.5	NO
6	6 13C4-PFOS	ICV180527M1-1 PFC 537 ICV 18E1401	3.50e3	115.5	NO
7	7 13C6-PFDA	ICV180527M1-1 PFC 537 ICV 18E1401	2.34e4	106.7	NO
8	8 13C7-PFUDa	ICV180527M1-1 PFC 537 ICV 18E1401	2.83e4	122.4	NO

Name: 180527M1_14, Date: 27-May-2018, Time: 19:58:06, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUDa	IPA			NO

Name: 180527M1_15, Date: 27-May-2018, Time: 20:08:36, ID: B8E0055-MSD1 Matrix Spike Dup 0.25757, Description: Matrix Spike Dup

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8E0055-MSD1 Matrix Spike Dup 0.257...	7.38e3	85.4	NO
2	2 13C5-PFHxA	B8E0055-MSD1 Matrix Spike Dup 0.257...	1.17e4	72.9	NO
3	3 13C3-PFHxS	B8E0055-MSD1 Matrix Spike Dup 0.257...	2.59e3	87.6	NO
4	4 13C8-PFOA	B8E0055-MSD1 Matrix Spike Dup 0.257...	1.07e4	64.4	NO
5	5 13C9-PFNA	B8E0055-MSD1 Matrix Spike Dup 0.257...	1.43e4	71.8	NO
6	6 13C4-PFOS	B8E0055-MSD1 Matrix Spike Dup 0.257...	2.60e3	86.0	NO
7	7 13C6-PFDA	B8E0055-MSD1 Matrix Spike Dup 0.257...	1.47e4	67.0	NO
8	8 13C7-PFUDa	B8E0055-MSD1 Matrix Spike Dup 0.257...	1.81e4	78.3	NO

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Name: 180527M1_16, Date: 27-May-2018, Time: 20:19:01, ID: B8E0071-BS1 OPR 0.125, Description: OPR

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8E0071-BS1 OPR 0.125	7.09e3	82.0	NO
2	2 13C5-PFHxA	B8E0071-BS1 OPR 0.125	1.15e4	72.0	NO
3	3 13C3-PFHxS	B8E0071-BS1 OPR 0.125	2.47e3	83.4	NO
4	4 13C8-PFOA	B8E0071-BS1 OPR 0.125	1.44e4	86.5	NO
5	5 13C9-PFNA	B8E0071-BS1 OPR 0.125	1.66e4	83.4	NO
6	6 13C4-PFOS	B8E0071-BS1 OPR 0.125	2.53e3	83.7	NO
7	7 13C6-PFDA	B8E0071-BS1 OPR 0.125	1.93e4	88.0	NO
8	8 13C7-PFUDa	B8E0071-BS1 OPR 0.125	2.01e4	86.8	NO

Name: 180527M1_17, Date: 27-May-2018, Time: 20:29:31, ID: B8E0071-BSD1 LCSD 0.125, Description: LCSD

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8E0071-BSD1 LCSD 0.125	8.53e3	98.7	NO
2	2 13C5-PFHxA	B8E0071-BSD1 LCSD 0.125	1.35e4	84.3	NO
3	3 13C3-PFHxS	B8E0071-BSD1 LCSD 0.125	2.77e3	93.6	NO
4	4 13C8-PFOA	B8E0071-BSD1 LCSD 0.125	1.47e4	88.2	NO
5	5 13C9-PFNA	B8E0071-BSD1 LCSD 0.125	1.90e4	95.1	NO
6	6 13C4-PFOS	B8E0071-BSD1 LCSD 0.125	2.91e3	96.2	NO
7	7 13C6-PFDA	B8E0071-BSD1 LCSD 0.125	2.14e4	97.9	NO
8	8 13C7-PFUDa	B8E0071-BSD1 LCSD 0.125	2.47e4	106.6	NO

Name: 180527M1_18, Date: 27-May-2018, Time: 20:39:55, ID: B8E0071-BLK1 Method Blank 0.125, Description: Method Blank

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8E0071-BLK1 Method Blank 0.125	7.41e3	85.8	NO
2	2 13C5-PFHxA	B8E0071-BLK1 Method Blank 0.125	1.27e4	79.4	NO
3	3 13C3-PFHxS	B8E0071-BLK1 Method Blank 0.125	2.67e3	90.2	NO
4	4 13C8-PFOA	B8E0071-BLK1 Method Blank 0.125	1.41e4	85.1	NO
5	5 13C9-PFNA	B8E0071-BLK1 Method Blank 0.125	1.62e4	81.0	NO
6	6 13C4-PFOS	B8E0071-BLK1 Method Blank 0.125	2.86e3	94.5	NO
7	7 13C6-PFDA	B8E0071-BLK1 Method Blank 0.125	1.88e4	85.9	NO
8	8 13C7-PFUDa	B8E0071-BLK1 Method Blank 0.125	2.19e4	94.8	NO

Name: 180527M1_19, Date: 27-May-2018, Time: 20:50:26, ID: 1800815-01 REEPDW392FRB 0.11866, Description: REEPDW392FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800815-01 REEPDW392FRB 0.11866	6.32e3	73.1	NO
2	2 13C5-PFHxA	1800815-01 REEPDW392FRB 0.11866	1.13e4	70.7	NO
3	3 13C3-PFHxS	1800815-01 REEPDW392FRB 0.11866	2.25e3	76.2	NO
4	4 13C8-PFOA	1800815-01 REEPDW392FRB 0.11866	1.25e4	75.4	NO
5	5 13C9-PFNA	1800815-01 REEPDW392FRB 0.11866	1.44e4	71.9	NO
6	6 13C4-PFOS	1800815-01 REEPDW392FRB 0.11866	2.44e3	80.6	NO
7	7 13C6-PFDA	1800815-01 REEPDW392FRB 0.11866	1.80e4	82.1	NO
8	8 13C7-PFUDa	1800815-01 REEPDW392FRB 0.11866	2.03e4	88.0	NO

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Name: 180527M1_20, Date: 27-May-2018, Time: 21:00:50, ID: 1800815-02 REEPDW393FRB 0.12039, Description: REEPDW393FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800815-02 REEPDW393FRB 0.12039	6.87e3	79.5	NO
2	2 13C5-PFHxA	1800815-02 REEPDW393FRB 0.12039	1.22e4	76.1	NO
3	3 13C3-PFHxS	1800815-02 REEPDW393FRB 0.12039	2.63e3	88.9	NO
4	4 13C8-PFOA	1800815-02 REEPDW393FRB 0.12039	1.41e4	84.5	NO
5	5 13C9-PFNA	1800815-02 REEPDW393FRB 0.12039	1.72e4	86.2	NO
6	6 13C4-PFOS	1800815-02 REEPDW393FRB 0.12039	2.93e3	96.9	NO
7	7 13C6-PFDA	1800815-02 REEPDW393FRB 0.12039	2.13e4	97.3	NO
8	8 13C7-PFUDa	1800815-02 REEPDW393FRB 0.12039	2.31e4	100.0	NO

Name: 180527M1_21, Date: 27-May-2018, Time: 21:11:20, ID: 1800815-03 REEPDW394FRB 0.12143, Description: REEPDW394FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800815-03 REEPDW394FRB 0.12143	8.34e3	96.5	NO
2	2 13C5-PFHxA	1800815-03 REEPDW394FRB 0.12143	1.34e4	83.9	NO
3	3 13C3-PFHxS	1800815-03 REEPDW394FRB 0.12143	2.63e3	89.0	NO
4	4 13C8-PFOA	1800815-03 REEPDW394FRB 0.12143	1.47e4	88.6	NO
5	5 13C9-PFNA	1800815-03 REEPDW394FRB 0.12143	1.63e4	81.7	NO
6	6 13C4-PFOS	1800815-03 REEPDW394FRB 0.12143	2.91e3	96.2	NO
7	7 13C6-PFDA	1800815-03 REEPDW394FRB 0.12143	2.07e4	94.5	NO
8	8 13C7-PFUDa	1800815-03 REEPDW394FRB 0.12143	1.80e4	77.7	NO

Name: 180527M1_22, Date: 27-May-2018, Time: 21:21:45, ID: 1800815-04 REEPDW395FRB 0.12242, Description: REEPDW395FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800815-04 REEPDW395FRB 0.12242	6.89e3	79.7	NO
2	2 13C5-PFHxA	1800815-04 REEPDW395FRB 0.12242	1.17e4	73.3	NO
3	3 13C3-PFHxS	1800815-04 REEPDW395FRB 0.12242	2.54e3	85.8	NO
4	4 13C8-PFOA	1800815-04 REEPDW395FRB 0.12242	1.35e4	81.3	NO
5	5 13C9-PFNA	1800815-04 REEPDW395FRB 0.12242	1.65e4	82.8	NO
6	6 13C4-PFOS	1800815-04 REEPDW395FRB 0.12242	2.69e3	88.8	NO
7	7 13C6-PFDA	1800815-04 REEPDW395FRB 0.12242	1.67e4	76.4	NO
8	8 13C7-PFUDa	1800815-04 REEPDW395FRB 0.12242	2.25e4	97.4	NO

Name: 180527M1_23, Date: 27-May-2018, Time: 21:32:16, ID: 1800815-05 REEPDW396FRB 0.1214, Description: REEPDW396FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800815-05 REEPDW396FRB 0.1214	7.87e3	91.1	NO
2	2 13C5-PFHxA	1800815-05 REEPDW396FRB 0.1214	1.26e4	78.9	NO
3	3 13C3-PFHxS	1800815-05 REEPDW396FRB 0.1214	2.54e3	85.7	NO
4	4 13C8-PFOA	1800815-05 REEPDW396FRB 0.1214	1.43e4	86.2	NO
5	5 13C9-PFNA	1800815-05 REEPDW396FRB 0.1214	1.63e4	81.8	NO
6	6 13C4-PFOS	1800815-05 REEPDW396FRB 0.1214	2.66e3	87.8	NO
7	7 13C6-PFDA	1800815-05 REEPDW396FRB 0.1214	1.63e4	74.5	NO
8	8 13C7-PFUDa	1800815-05 REEPDW396FRB 0.1214	2.05e4	88.4	NO

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Name: 180527M1_24, Date: 27-May-2018, Time: 21:42:46, ID: 1800815-06 REEPDW397FRB 0.1166, Description: REEPDW397FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800815-06 REEPDW397FRB 0.1166	8.22e3	95.1	NO
2	2 13C5-PFHxA	1800815-06 REEPDW397FRB 0.1166	1.32e4	82.6	NO
3	3 13C3-PFHxS	1800815-06 REEPDW397FRB 0.1166	2.77e3	93.5	NO
4	4 13C8-PFOA	1800815-06 REEPDW397FRB 0.1166	1.54e4	92.3	NO
5	5 13C9-PFNA	1800815-06 REEPDW397FRB 0.1166	1.70e4	85.3	NO
6	6 13C4-PFOS	1800815-06 REEPDW397FRB 0.1166	2.79e3	92.0	NO
7	7 13C6-PFDA	1800815-06 REEPDW397FRB 0.1166	2.09e4	95.6	NO
8	8 13C7-PFUDa	1800815-06 REEPDW397FRB 0.1166	2.07e4	89.5	NO

Name: 180527M1_25, Date: 27-May-2018, Time: 21:53:11, ID: 1800815-07 REEPDW398FRB 0.11954, Description: REEPDW398FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800815-07 REEPDW398FRB 0.11954	6.91e3	79.9	NO
2	2 13C5-PFHxA	1800815-07 REEPDW398FRB 0.11954	1.11e4	69.5	NO
3	3 13C3-PFHxS	1800815-07 REEPDW398FRB 0.11954	2.27e3	76.9	NO
4	4 13C8-PFOA	1800815-07 REEPDW398FRB 0.11954	1.22e4	73.5	NO
5	5 13C9-PFNA	1800815-07 REEPDW398FRB 0.11954	1.44e4	71.9	NO
6	6 13C4-PFOS	1800815-07 REEPDW398FRB 0.11954	2.52e3	83.1	NO
7	7 13C6-PFDA	1800815-07 REEPDW398FRB 0.11954	1.73e4	79.0	NO
8	8 13C7-PFUDa	1800815-07 REEPDW398FRB 0.11954	2.02e4	87.5	NO

Name: 180527M1_26, Date: 27-May-2018, Time: 22:03:33, ID: 1800815-08 REEPDW399FRB 0.12001, Description: REEPDW399FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800815-08 REEPDW399FRB 0.12001	6.46e3	74.8	NO
2	2 13C5-PFHxA	1800815-08 REEPDW399FRB 0.12001	1.08e4	67.7	NO
3	3 13C3-PFHxS	1800815-08 REEPDW399FRB 0.12001	2.20e3	74.4	NO
4	4 13C8-PFOA	1800815-08 REEPDW399FRB 0.12001	1.18e4	71.1	NO
5	5 13C9-PFNA	1800815-08 REEPDW399FRB 0.12001	1.37e4	68.9	NO
6	6 13C4-PFOS	1800815-08 REEPDW399FRB 0.12001	2.38e3	78.5	NO
7	7 13C6-PFDA	1800815-08 REEPDW399FRB 0.12001	1.62e4	74.1	NO
8	8 13C7-PFUDa	1800815-08 REEPDW399FRB 0.12001	1.78e4	77.2	NO

Name: 180527M1_27, Date: 27-May-2018, Time: 22:14:03, ID: 1800815-09 REEPDW402FRB 0.11393, Description: REEPDW402FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800815-09 REEPDW402FRB 0.11393	6.46e3	74.7	NO
2	2 13C5-PFHxA	1800815-09 REEPDW402FRB 0.11393	1.09e4	68.2	NO
3	3 13C3-PFHxS	1800815-09 REEPDW402FRB 0.11393	1.99e3	67.4	NO
4	4 13C8-PFOA	1800815-09 REEPDW402FRB 0.11393	1.03e4	62.2	NO
5	5 13C9-PFNA	1800815-09 REEPDW402FRB 0.11393	1.38e4	69.1	NO
6	6 13C4-PFOS	1800815-09 REEPDW402FRB 0.11393	2.26e3	74.4	NO
7	7 13C6-PFDA	1800815-09 REEPDW402FRB 0.11393	1.50e4	68.3	NO
8	8 13C7-PFUDa	1800815-09 REEPDW402FRB 0.11393	1.83e4	79.1	NO

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Name: 180527M1_28, Date: 27-May-2018, Time: 22:24:27, ID: 1800815-10 REEPDW401FRB 0.11534, Description: REEPDW401FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800815-10 REEPDW401FRB 0.11534	5.57e3	64.4	NO
2	2 13C5-PFHxA	1800815-10 REEPDW401FRB 0.11534	9.40e3	58.7	NO
3	3 13C3-PFHxS	1800815-10 REEPDW401FRB 0.11534	2.00e3	67.7	NO
4	4 13C8-PFOA	1800815-10 REEPDW401FRB 0.11534	1.17e4	70.3	NO
5	5 13C9-PFNA	1800815-10 REEPDW401FRB 0.11534	1.35e4	67.6	NO
6	6 13C4-PFOS	1800815-10 REEPDW401FRB 0.11534	2.16e3	71.4	NO
7	7 13C6-PFDA	1800815-10 REEPDW401FRB 0.11534	1.26e4	57.4	NO
8	8 13C7-PFUDa	1800815-10 REEPDW401FRB 0.11534	1.69e4	73.2	NO

Name: 180527M1_29, Date: 27-May-2018, Time: 22:34:57, ID: 1800815-11 REEPDW406FRB 0.11838, Description: REEPDW406FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800815-11 REEPDW406FRB 0.11838	6.09e3	70.4	NO
2	2 13C5-PFHxA	1800815-11 REEPDW406FRB 0.11838	9.81e3	61.3	NO
3	3 13C3-PFHxS	1800815-11 REEPDW406FRB 0.11838	2.04e3	68.9	NO
4	4 13C8-PFOA	1800815-11 REEPDW406FRB 0.11838	1.24e4	74.8	NO
5	5 13C9-PFNA	1800815-11 REEPDW406FRB 0.11838	1.34e4	67.0	NO
6	6 13C4-PFOS	1800815-11 REEPDW406FRB 0.11838	2.21e3	73.0	NO
7	7 13C6-PFDA	1800815-11 REEPDW406FRB 0.11838	1.44e4	65.8	NO
8	8 13C7-PFUDa	1800815-11 REEPDW406FRB 0.11838	1.71e4	74.1	NO

Name: 180527M1_30, Date: 27-May-2018, Time: 22:45:22, ID: 1800815-12 REEPDW407FRB 0.11977, Description: REEPDW407FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800815-12 REEPDW407FRB 0.11977	6.23e3	72.1	NO
2	2 13C5-PFHxA	1800815-12 REEPDW407FRB 0.11977	1.09e4	68.0	NO
3	3 13C3-PFHxS	1800815-12 REEPDW407FRB 0.11977	2.45e3	82.7	NO
4	4 13C8-PFOA	1800815-12 REEPDW407FRB 0.11977	1.33e4	79.7	NO
5	5 13C9-PFNA	1800815-12 REEPDW407FRB 0.11977	1.50e4	75.3	NO
6	6 13C4-PFOS	1800815-12 REEPDW407FRB 0.11977	2.64e3	87.3	NO
7	7 13C6-PFDA	1800815-12 REEPDW407FRB 0.11977	1.75e4	79.7	NO
8	8 13C7-PFUDa	1800815-12 REEPDW407FRB 0.11977	2.05e4	88.6	NO

Name: 180527M1_31, Date: 27-May-2018, Time: 22:55:52, ID: B8E0073-BS1 OPR 0.125, Description: OPR

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8E0073-BS1 OPR 0.125	7.17e3	82.9	NO
2	2 13C5-PFHxA	B8E0073-BS1 OPR 0.125	1.16e4	72.3	NO
3	3 13C3-PFHxS	B8E0073-BS1 OPR 0.125	2.20e3	74.2	NO
4	4 13C8-PFOA	B8E0073-BS1 OPR 0.125	1.35e4	81.3	NO
5	5 13C9-PFNA	B8E0073-BS1 OPR 0.125	1.54e4	77.3	NO
6	6 13C4-PFOS	B8E0073-BS1 OPR 0.125	2.46e3	81.1	NO
7	7 13C6-PFDA	B8E0073-BS1 OPR 0.125	1.93e4	87.9	NO
8	8 13C7-PFUDa	B8E0073-BS1 OPR 0.125	2.05e4	88.6	NO

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Name: 180527M1_32, Date: 27-May-2018, Time: 23:06:17, ID: B8E0073-BSD1 LCSD 0.125, Description: LCSD

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8E0073-BSD1 LCSD 0.125	7.98e3	92.4	NO
2	2 13C5-PFHxA	B8E0073-BSD1 LCSD 0.125	1.29e4	80.6	NO
3	3 13C3-PFHxS	B8E0073-BSD1 LCSD 0.125	2.72e3	92.0	NO
4	4 13C8-PFOA	B8E0073-BSD1 LCSD 0.125	1.55e4	93.4	NO
5	5 13C9-PFNA	B8E0073-BSD1 LCSD 0.125	1.81e4	90.8	NO
6	6 13C4-PFOS	B8E0073-BSD1 LCSD 0.125	2.96e3	97.7	NO
7	7 13C6-PFDA	B8E0073-BSD1 LCSD 0.125	1.99e4	90.8	NO
8	8 13C7-PFUDa	B8E0073-BSD1 LCSD 0.125	2.28e4	98.6	NO

Name: 180527M1_33, Date: 27-May-2018, Time: 23:16:48, ID: B8E0073-BLK1 Method Blank 0.125, Description: Method Blank

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8E0073-BLK1 Method Blank 0.125	6.58e3	76.1	NO
2	2 13C5-PFHxA	B8E0073-BLK1 Method Blank 0.125	1.11e4	69.6	NO
3	3 13C3-PFHxS	B8E0073-BLK1 Method Blank 0.125	2.31e3	78.2	NO
4	4 13C8-PFOA	B8E0073-BLK1 Method Blank 0.125	1.36e4	81.5	NO
5	5 13C9-PFNA	B8E0073-BLK1 Method Blank 0.125	1.41e4	70.7	NO
6	6 13C4-PFOS	B8E0073-BLK1 Method Blank 0.125	2.66e3	87.9	NO
7	7 13C6-PFDA	B8E0073-BLK1 Method Blank 0.125	1.80e4	82.1	NO
8	8 13C7-PFUDa	B8E0073-BLK1 Method Blank 0.125	2.04e4	88.3	NO

Name: 180527M1_34, Date: 27-May-2018, Time: 23:27:12, ID: 1800826-01 REEPDW422FRB 0.10903, Description: REEPDW422FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800826-01 REEPDW422FRB 0.10903	7.93e3	91.7	NO
2	2 13C5-PFHxA	1800826-01 REEPDW422FRB 0.10903	1.26e4	78.9	NO
3	3 13C3-PFHxS	1800826-01 REEPDW422FRB 0.10903	2.92e3	98.5	NO
4	4 13C8-PFOA	1800826-01 REEPDW422FRB 0.10903	1.64e4	98.7	NO
5	5 13C9-PFNA	1800826-01 REEPDW422FRB 0.10903	1.90e4	95.2	NO
6	6 13C4-PFOS	1800826-01 REEPDW422FRB 0.10903	2.97e3	97.9	NO
7	7 13C6-PFDA	1800826-01 REEPDW422FRB 0.10903	2.27e4	103.9	NO
8	8 13C7-PFUDa	1800826-01 REEPDW422FRB 0.10903	2.53e4	109.4	NO

Name: 180527M1_35, Date: 27-May-2018, Time: 23:37:43, ID: 1800826-02 REEPDW423FRB 0.11441, Description: REEPDW423FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800826-02 REEPDW423FRB 0.11441	7.71e3	89.2	NO
2	2 13C5-PFHxA	1800826-02 REEPDW423FRB 0.11441	1.39e4	86.9	NO
3	3 13C3-PFHxS	1800826-02 REEPDW423FRB 0.11441	3.21e3	108.6	NO
4	4 13C8-PFOA	1800826-02 REEPDW423FRB 0.11441	1.43e4	85.9	NO
5	5 13C9-PFNA	1800826-02 REEPDW423FRB 0.11441	1.74e4	87.4	NO
6	6 13C4-PFOS	1800826-02 REEPDW423FRB 0.11441	3.49e3	115.3	NO
7	7 13C6-PFDA	1800826-02 REEPDW423FRB 0.11441	2.29e4	104.4	NO
8	8 13C7-PFUDa	1800826-02 REEPDW423FRB 0.11441	2.50e4	108.3	NO

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Name: 180527M1_36, Date: 27-May-2018, Time: 23:48:13, ID: 1800826-03 REEPDW427FRB 0.11894, Description: REEPDW427FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800826-03 REEPDW427FRB 0.11894	8.73e3	101.0	NO
2	2 13C5-PFHxA	1800826-03 REEPDW427FRB 0.11894	1.43e4	89.4	NO
3	3 13C3-PFHxS	1800826-03 REEPDW427FRB 0.11894	2.88e3	97.2	NO
4	4 13C8-PFOA	1800826-03 REEPDW427FRB 0.11894	1.64e4	98.7	NO
5	5 13C9-PFNA	1800826-03 REEPDW427FRB 0.11894	2.08e4	104.4	NO
6	6 13C4-PFOS	1800826-03 REEPDW427FRB 0.11894	3.25e3	107.1	NO
7	7 13C6-PFDA	1800826-03 REEPDW427FRB 0.11894	1.91e4	87.2	NO
8	8 13C7-PFUDa	1800826-03 REEPDW427FRB 0.11894	2.52e4	108.9	NO

Name: 180527M1_37, Date: 27-May-2018, Time: 23:58:38, ID: 1800826-04 REEPDW428FRB 0.10954, Description: REEPDW428FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800826-04 REEPDW428FRB 0.10954	8.79e3	101.7	NO
2	2 13C5-PFHxA	1800826-04 REEPDW428FRB 0.10954	1.48e4	92.5	NO
3	3 13C3-PFHxS	1800826-04 REEPDW428FRB 0.10954	3.22e3	109.0	NO
4	4 13C8-PFOA	1800826-04 REEPDW428FRB 0.10954	1.76e4	105.6	NO
5	5 13C9-PFNA	1800826-04 REEPDW428FRB 0.10954	2.10e4	105.4	NO
6	6 13C4-PFOS	1800826-04 REEPDW428FRB 0.10954	3.49e3	115.2	NO
7	7 13C6-PFDA	1800826-04 REEPDW428FRB 0.10954	2.00e4	91.5	NO
8	8 13C7-PFUDa	1800826-04 REEPDW428FRB 0.10954	2.62e4	113.3	NO

Name: 180527M1_38, Date: 28-May-2018, Time: 00:09:08, ID: 1800826-05 REEPDW410FRB 0.11845, Description: REEPDW410FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800826-05 REEPDW410FRB 0.11845	8.98e3	103.9	NO
2	2 13C5-PFHxA	1800826-05 REEPDW410FRB 0.11845	1.48e4	92.4	NO
3	3 13C3-PFHxS	1800826-05 REEPDW410FRB 0.11845	2.99e3	101.0	NO
4	4 13C8-PFOA	1800826-05 REEPDW410FRB 0.11845	1.57e4	94.7	NO
5	5 13C9-PFNA	1800826-05 REEPDW410FRB 0.11845	1.90e4	95.0	NO
6	6 13C4-PFOS	1800826-05 REEPDW410FRB 0.11845	3.38e3	111.6	NO
7	7 13C6-PFDA	1800826-05 REEPDW410FRB 0.11845	2.36e4	107.8	NO
8	8 13C7-PFUDa	1800826-05 REEPDW410FRB 0.11845	2.24e4	96.8	NO

Name: 180527M1_39, Date: 28-May-2018, Time: 00:19:33, ID: 1800826-06 REEPDW412FRB 0.12128, Description: REEPDW412FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800826-06 REEPDW412FRB 0.12128	7.45e3	86.2	NO
2	2 13C5-PFHxA	1800826-06 REEPDW412FRB 0.12128	1.27e4	79.1	NO
3	3 13C3-PFHxS	1800826-06 REEPDW412FRB 0.12128	2.72e3	92.0	NO
4	4 13C8-PFOA	1800826-06 REEPDW412FRB 0.12128	1.40e4	84.1	NO
5	5 13C9-PFNA	1800826-06 REEPDW412FRB 0.12128	1.55e4	77.5	NO
6	6 13C4-PFOS	1800826-06 REEPDW412FRB 0.12128	2.81e3	92.7	NO
7	7 13C6-PFDA	1800826-06 REEPDW412FRB 0.12128	1.84e4	84.1	NO
8	8 13C7-PFUDa	1800826-06 REEPDW412FRB 0.12128	2.04e4	88.4	NO

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Name: 180527M1_40, Date: 28-May-2018, Time: 00:30:03, ID: 1800826-07 REEPDW414FRB 0.12082, Description: REEPDW414FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800826-07 REEPDW414FRB 0.12082	7.17e3	82.9	NO
2	2 13C5-PFHxA	1800826-07 REEPDW414FRB 0.12082	1.22e4	76.2	NO
3	3 13C3-PFHxS	1800826-07 REEPDW414FRB 0.12082	2.59e3	87.5	NO
4	4 13C8-PFOA	1800826-07 REEPDW414FRB 0.12082	1.33e4	79.8	NO
5	5 13C9-PFNA	1800826-07 REEPDW414FRB 0.12082	1.64e4	82.3	NO
6	6 13C4-PFOS	1800826-07 REEPDW414FRB 0.12082	2.67e3	88.2	NO
7	7 13C6-PFDA	1800826-07 REEPDW414FRB 0.12082	2.00e4	91.2	NO
8	8 13C7-PFUDa	1800826-07 REEPDW414FRB 0.12082	1.96e4	84.7	NO

Name: 180527M1_41, Date: 28-May-2018, Time: 00:40:29, ID: 1800826-08 REEPDW415FRB 0.12014, Description: REEPDW415FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800826-08 REEPDW415FRB 0.12014	8.39e3	97.1	NO
2	2 13C5-PFHxA	1800826-08 REEPDW415FRB 0.12014	1.33e4	83.3	NO
3	3 13C3-PFHxS	1800826-08 REEPDW415FRB 0.12014	2.68e3	90.5	NO
4	4 13C8-PFOA	1800826-08 REEPDW415FRB 0.12014	1.38e4	82.7	NO
5	5 13C9-PFNA	1800826-08 REEPDW415FRB 0.12014	1.84e4	92.2	NO
6	6 13C4-PFOS	1800826-08 REEPDW415FRB 0.12014	2.87e3	94.6	NO
7	7 13C6-PFDA	1800826-08 REEPDW415FRB 0.12014	1.93e4	88.0	NO
8	8 13C7-PFUDa	1800826-08 REEPDW415FRB 0.12014	1.99e4	86.1	NO

Name: 180527M1_42, Date: 28-May-2018, Time: 00:50:59, ID: 1800826-09 REEPDW416FRB 0.12333, Description: REEPDW416FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800826-09 REEPDW416FRB 0.12333	6.28e3	72.7	NO
2	2 13C5-PFHxA	1800826-09 REEPDW416FRB 0.12333	1.06e4	66.4	NO
3	3 13C3-PFHxS	1800826-09 REEPDW416FRB 0.12333	2.33e3	78.8	NO
4	4 13C8-PFOA	1800826-09 REEPDW416FRB 0.12333	1.27e4	76.6	NO
5	5 13C9-PFNA	1800826-09 REEPDW416FRB 0.12333	1.61e4	80.5	NO
6	6 13C4-PFOS	1800826-09 REEPDW416FRB 0.12333	2.62e3	86.4	NO
7	7 13C6-PFDA	1800826-09 REEPDW416FRB 0.12333	1.71e4	78.0	NO
8	8 13C7-PFUDa	1800826-09 REEPDW416FRB 0.12333	1.60e4	69.1	NO

Name: 180527M1_43, Date: 28-May-2018, Time: 01:01:24, ID: 1800826-10 REEPDW424FRB 0.12121, Description: REEPDW424FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800826-10 REEPDW424FRB 0.12121	6.46e3	74.8	NO
2	2 13C5-PFHxA	1800826-10 REEPDW424FRB 0.12121	1.11e4	69.1	NO
3	3 13C3-PFHxS	1800826-10 REEPDW424FRB 0.12121	2.52e3	85.1	NO
4	4 13C8-PFOA	1800826-10 REEPDW424FRB 0.12121	1.34e4	80.7	NO
5	5 13C9-PFNA	1800826-10 REEPDW424FRB 0.12121	1.72e4	86.2	NO
6	6 13C4-PFOS	1800826-10 REEPDW424FRB 0.12121	2.56e3	84.5	NO
7	7 13C6-PFDA	1800826-10 REEPDW424FRB 0.12121	1.95e4	89.1	NO
8	8 13C7-PFUDa	1800826-10 REEPDW424FRB 0.12121	2.08e4	90.0	NO

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Name: 180527M1_44, Date: 28-May-2018, Time: 01:11:54, ID: 1800826-11 REEPDW425FRB 0.11109, Description: REEPDW425FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800826-11 REEPDW425FRB 0.11109	7.43e3	86.0	NO
2	2 13C5-PFHxA	1800826-11 REEPDW425FRB 0.11109	1.20e4	74.8	NO
3	3 13C3-PFHxS	1800826-11 REEPDW425FRB 0.11109	2.50e3	84.7	NO
4	4 13C8-PFOA	1800826-11 REEPDW425FRB 0.11109	1.39e4	83.4	NO
5	5 13C9-PFNA	1800826-11 REEPDW425FRB 0.11109	1.57e4	78.7	NO
6	6 13C4-PFOS	1800826-11 REEPDW425FRB 0.11109	2.70e3	89.3	NO
7	7 13C6-PFDA	1800826-11 REEPDW425FRB 0.11109	1.72e4	78.4	NO
8	8 13C7-PFUDa	1800826-11 REEPDW425FRB 0.11109	1.94e4	83.7	NO

Name: 180527M1_45, Date: 28-May-2018, Time: 01:22:19, ID: 1800826-14 REEPDW435FRB 0.11259, Description: REEPDW435FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800826-14 REEPDW435FRB 0.11259	7.28e3	84.3	NO
2	2 13C5-PFHxA	1800826-14 REEPDW435FRB 0.11259	1.31e4	81.8	NO
3	3 13C3-PFHxS	1800826-14 REEPDW435FRB 0.11259	2.70e3	91.3	NO
4	4 13C8-PFOA	1800826-14 REEPDW435FRB 0.11259	1.45e4	87.3	NO
5	5 13C9-PFNA	1800826-14 REEPDW435FRB 0.11259	1.78e4	89.1	NO
6	6 13C4-PFOS	1800826-14 REEPDW435FRB 0.11259	3.01e3	99.4	NO
7	7 13C6-PFDA	1800826-14 REEPDW435FRB 0.11259	1.98e4	90.2	NO
8	8 13C7-PFUDa	1800826-14 REEPDW435FRB 0.11259	1.99e4	85.9	NO

Name: 180527M1_46, Date: 28-May-2018, Time: 01:32:50, ID: 1800826-15 REEPDW436FRB 0.12188, Description: REEPDW436FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800826-15 REEPDW436FRB 0.12188	7.14e3	82.6	NO
2	2 13C5-PFHxA	1800826-15 REEPDW436FRB 0.12188	1.23e4	76.8	NO
3	3 13C3-PFHxS	1800826-15 REEPDW436FRB 0.12188	2.58e3	87.0	NO
4	4 13C8-PFOA	1800826-15 REEPDW436FRB 0.12188	1.35e4	81.2	NO
5	5 13C9-PFNA	1800826-15 REEPDW436FRB 0.12188	1.67e4	83.6	NO
6	6 13C4-PFOS	1800826-15 REEPDW436FRB 0.12188	2.81e3	92.8	NO
7	7 13C6-PFDA	1800826-15 REEPDW436FRB 0.12188	1.83e4	83.7	NO
8	8 13C7-PFUDa	1800826-15 REEPDW436FRB 0.12188	1.95e4	84.2	NO

Name: 180527M1_47, Date: 28-May-2018, Time: 01:43:20, ID: 1800826-17 REEPDW439FRB 0.11518, Description: REEPDW439FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800826-17 REEPDW439FRB 0.11518	6.83e3	79.0	NO
2	2 13C5-PFHxA	1800826-17 REEPDW439FRB 0.11518	1.12e4	69.7	NO
3	3 13C3-PFHxS	1800826-17 REEPDW439FRB 0.11518	2.33e3	78.7	NO
4	4 13C8-PFOA	1800826-17 REEPDW439FRB 0.11518	1.39e4	83.8	NO
5	5 13C9-PFNA	1800826-17 REEPDW439FRB 0.11518	1.63e4	81.4	NO
6	6 13C4-PFOS	1800826-17 REEPDW439FRB 0.11518	2.58e3	85.3	NO
7	7 13C6-PFDA	1800826-17 REEPDW439FRB 0.11518	1.50e4	68.4	NO
8	8 13C7-PFUDa	1800826-17 REEPDW439FRB 0.11518	1.80e4	77.7	NO

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Name: 180527M1_48, Date: 28-May-2018, Time: 01:53:45, ID: 1800826-18 REEPDW426FRB 0.11245, Description: REEPDW426FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800826-18 REEPDW426FRB 0.11245	6.22e3	72.0	NO
2	2 13C5-PFHxA	1800826-18 REEPDW426FRB 0.11245	1.06e4	66.1	NO
3	3 13C3-PFHxS	1800826-18 REEPDW426FRB 0.11245	2.34e3	79.1	NO
4	4 13C8-PFOA	1800826-18 REEPDW426FRB 0.11245	1.22e4	73.2	NO
5	5 13C9-PFNA	1800826-18 REEPDW426FRB 0.11245	1.56e4	78.1	NO
6	6 13C4-PFOS	1800826-18 REEPDW426FRB 0.11245	2.72e3	89.8	NO
7	7 13C6-PFDA	1800826-18 REEPDW426FRB 0.11245	1.60e4	73.0	NO
8	8 13C7-PFUDa	1800826-18 REEPDW426FRB 0.11245	1.89e4	81.9	NO

Name: 180527M1_49, Date: 28-May-2018, Time: 02:04:16, ID: 1800826-19 REEPDW429FRB 0.11144, Description: REEPDW429FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800826-19 REEPDW429FRB 0.11144	6.69e3	77.4	NO
2	2 13C5-PFHxA	1800826-19 REEPDW429FRB 0.11144	1.07e4	66.6	NO
3	3 13C3-PFHxS	1800826-19 REEPDW429FRB 0.11144	2.28e3	76.9	NO
4	4 13C8-PFOA	1800826-19 REEPDW429FRB 0.11144	1.31e4	78.8	NO
5	5 13C9-PFNA	1800826-19 REEPDW429FRB 0.11144	1.53e4	76.9	NO
6	6 13C4-PFOS	1800826-19 REEPDW429FRB 0.11144	2.48e3	82.0	NO
7	7 13C6-PFDA	1800826-19 REEPDW429FRB 0.11144	1.71e4	78.3	NO
8	8 13C7-PFUDa	1800826-19 REEPDW429FRB 0.11144	1.84e4	79.6	NO

Name: 180527M1_50, Date: 28-May-2018, Time: 02:14:41, ID: B8E0075-BS1 OPR 0.125, Description: OPR

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8E0075-BS1 OPR 0.125	7.09e3	82.0	NO
2	2 13C5-PFHxA	B8E0075-BS1 OPR 0.125	1.16e4	72.4	NO
3	3 13C3-PFHxS	B8E0075-BS1 OPR 0.125	2.22e3	75.1	NO
4	4 13C8-PFOA	B8E0075-BS1 OPR 0.125	1.38e4	82.9	NO
5	5 13C9-PFNA	B8E0075-BS1 OPR 0.125	1.54e4	77.2	NO
6	6 13C4-PFOS	B8E0075-BS1 OPR 0.125	2.57e3	85.0	NO
7	7 13C6-PFDA	B8E0075-BS1 OPR 0.125	1.68e4	76.6	NO
8	8 13C7-PFUDa	B8E0075-BS1 OPR 0.125	1.87e4	81.0	NO

Name: 180527M1_51, Date: 28-May-2018, Time: 02:25:11, ID: B8E0075-BSD1 LCSD 0.125, Description: LCSD

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8E0075-BSD1 LCSD 0.125	7.57e3	87.5	NO
2	2 13C5-PFHxA	B8E0075-BSD1 LCSD 0.125	1.24e4	77.7	NO
3	3 13C3-PFHxS	B8E0075-BSD1 LCSD 0.125	2.34e3	79.1	NO
4	4 13C8-PFOA	B8E0075-BSD1 LCSD 0.125	1.29e4	77.5	NO
5	5 13C9-PFNA	B8E0075-BSD1 LCSD 0.125	1.68e4	84.3	NO
6	6 13C4-PFOS	B8E0075-BSD1 LCSD 0.125	2.59e3	85.6	NO
7	7 13C6-PFDA	B8E0075-BSD1 LCSD 0.125	1.83e4	83.8	NO
8	8 13C7-PFUDa	B8E0075-BSD1 LCSD 0.125	2.10e4	90.8	NO

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Name: 180527M1_52, Date: 28-May-2018, Time: 02:35:36, ID: B8E0075-BLK1 Method Blank 0.125, Description: Method Blank

	#	Name	ID	Area	%Rec	Area Out
1	1	13C4-PFBA	B8E0075-BLK1 Method Blank 0.125	7.13e3	82.4	NO
2	2	13C5-PFHxA	B8E0075-BLK1 Method Blank 0.125	1.11e4	69.4	NO
3	3	13C3-PFHxS	B8E0075-BLK1 Method Blank 0.125	2.41e3	81.5	NO
4	4	13C8-PFOA	B8E0075-BLK1 Method Blank 0.125	1.20e4	72.0	NO
5	5	13C9-PFNA	B8E0075-BLK1 Method Blank 0.125	1.70e4	85.2	NO
6	6	13C4-PFOS	B8E0075-BLK1 Method Blank 0.125	2.33e3	76.8	NO
7	7	13C6-PFDA	B8E0075-BLK1 Method Blank 0.125	1.69e4	77.4	NO
8	8	13C7-PFUDa	B8E0075-BLK1 Method Blank 0.125	2.03e4	87.6	NO

Name: 180527M1_53, Date: 28-May-2018, Time: 02:46:06, ID: 1800837-01 REEPDW417FRB 0.11934, Description: REEPDW417FRB

	#	Name	ID	Area	%Rec	Area Out
1	1	13C4-PFBA	1800837-01 REEPDW417FRB 0.11934	7.90e3	91.4	NO
2	2	13C5-PFHxA	1800837-01 REEPDW417FRB 0.11934	1.34e4	83.7	NO
3	3	13C3-PFHxS	1800837-01 REEPDW417FRB 0.11934	2.85e3	96.4	NO
4	4	13C8-PFOA	1800837-01 REEPDW417FRB 0.11934	1.50e4	90.4	NO
5	5	13C9-PFNA	1800837-01 REEPDW417FRB 0.11934	1.81e4	90.6	NO
6	6	13C4-PFOS	1800837-01 REEPDW417FRB 0.11934	2.96e3	97.7	NO
7	7	13C6-PFDA	1800837-01 REEPDW417FRB 0.11934	1.80e4	82.1	NO
8	8	13C7-PFUDa	1800837-01 REEPDW417FRB 0.11934	1.92e4	82.9	NO

Name: 180527M1_54, Date: 28-May-2018, Time: 02:56:32, ID: 1800837-02 REEPDW419FRB 0.11811, Description: REEPDW419FRB

	#	Name	ID	Area	%Rec	Area Out
1	1	13C4-PFBA	1800837-02 REEPDW419FRB 0.11811	7.56e3	87.5	NO
2	2	13C5-PFHxA	1800837-02 REEPDW419FRB 0.11811	1.25e4	78.2	NO
3	3	13C3-PFHxS	1800837-02 REEPDW419FRB 0.11811	2.61e3	88.3	NO
4	4	13C8-PFOA	1800837-02 REEPDW419FRB 0.11811	1.51e4	90.9	NO
5	5	13C9-PFNA	1800837-02 REEPDW419FRB 0.11811	1.71e4	85.4	NO
6	6	13C4-PFOS	1800837-02 REEPDW419FRB 0.11811	2.94e3	97.0	NO
7	7	13C6-PFDA	1800837-02 REEPDW419FRB 0.11811	1.43e4	65.4	NO
8	8	13C7-PFUDa	1800837-02 REEPDW419FRB 0.11811	2.17e4	94.0	NO

Name: 180527M1_55, Date: 28-May-2018, Time: 03:07:02, ID: 1800837-03 REEPDW420FRB 0.11716, Description: REEPDW420FRB

	#	Name	ID	Area	%Rec	Area Out
1	1	13C4-PFBA	1800837-03 REEPDW420FRB 0.11716	7.66e3	88.6	NO
2	2	13C5-PFHxA	1800837-03 REEPDW420FRB 0.11716	1.20e4	74.9	NO
3	3	13C3-PFHxS	1800837-03 REEPDW420FRB 0.11716	2.62e3	88.4	NO
4	4	13C8-PFOA	1800837-03 REEPDW420FRB 0.11716	1.35e4	81.1	NO
5	5	13C9-PFNA	1800837-03 REEPDW420FRB 0.11716	1.55e4	77.7	NO
6	6	13C4-PFOS	1800837-03 REEPDW420FRB 0.11716	2.61e3	86.1	NO
7	7	13C6-PFDA	1800837-03 REEPDW420FRB 0.11716	1.69e4	77.2	NO
8	8	13C7-PFUDa	1800837-03 REEPDW420FRB 0.11716	2.17e4	93.8	NO

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Name: 180527M1_56, Date: 28-May-2018, Time: 03:17:27, ID: 1800837-04 REEPDW421FRB 0.11821, Description: REEPDW421FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800837-04 REEPDW421FRB 0.11821	7.38e3	85.4	NO
2	2 13C5-PFHxA	1800837-04 REEPDW421FRB 0.11821	1.18e4	73.6	NO
3	3 13C3-PFHxS	1800837-04 REEPDW421FRB 0.11821	2.61e3	88.2	NO
4	4 13C8-PFOA	1800837-04 REEPDW421FRB 0.11821	1.30e4	78.1	NO
5	5 13C9-PFNA	1800837-04 REEPDW421FRB 0.11821	1.70e4	85.4	NO
6	6 13C4-PFOS	1800837-04 REEPDW421FRB 0.11821	2.69e3	88.7	NO
7	7 13C6-PFDA	1800837-04 REEPDW421FRB 0.11821	1.88e4	85.7	NO
8	8 13C7-PFUDa	1800837-04 REEPDW421FRB 0.11821	2.15e4	93.1	NO

Name: 180527M1_57, Date: 28-May-2018, Time: 03:27:57, ID: 1800837-05 REEPDW418FRB 0.12163, Description: REEPDW418FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800837-05 REEPDW418FRB 0.12163	6.70e3	77.5	NO
2	2 13C5-PFHxA	1800837-05 REEPDW418FRB 0.12163	1.12e4	70.1	NO
3	3 13C3-PFHxS	1800837-05 REEPDW418FRB 0.12163	2.47e3	83.5	NO
4	4 13C8-PFOA	1800837-05 REEPDW418FRB 0.12163	1.39e4	83.4	NO
5	5 13C9-PFNA	1800837-05 REEPDW418FRB 0.12163	1.64e4	82.3	NO
6	6 13C4-PFOS	1800837-05 REEPDW418FRB 0.12163	2.63e3	86.8	NO
7	7 13C6-PFDA	1800837-05 REEPDW418FRB 0.12163	1.72e4	78.4	NO
8	8 13C7-PFUDa	1800837-05 REEPDW418FRB 0.12163	1.87e4	81.0	NO

Name: 180527M1_58, Date: 28-May-2018, Time: 03:38:21, ID: 1800837-06 REEPDW413FRB 0.11986, Description: REEPDW413FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800837-06 REEPDW413FRB 0.11986	6.23e3	72.1	NO
2	2 13C5-PFHxA	1800837-06 REEPDW413FRB 0.11986	1.07e4	66.6	NO
3	3 13C3-PFHxS	1800837-06 REEPDW413FRB 0.11986	2.42e3	81.9	NO
4	4 13C8-PFOA	1800837-06 REEPDW413FRB 0.11986	1.28e4	77.0	NO
5	5 13C9-PFNA	1800837-06 REEPDW413FRB 0.11986	1.57e4	78.7	NO
6	6 13C4-PFOS	1800837-06 REEPDW413FRB 0.11986	2.55e3	84.1	NO
7	7 13C6-PFDA	1800837-06 REEPDW413FRB 0.11986	1.75e4	79.8	NO
8	8 13C7-PFUDa	1800837-06 REEPDW413FRB 0.11986	1.91e4	82.5	NO

Name: 180527M1_59, Date: 28-May-2018, Time: 03:48:52, ID: 1800837-07 REEPDW400FRB 0.11915, Description: REEPDW400FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800837-07 REEPDW400FRB 0.11915	5.98e3	69.2	NO
2	2 13C5-PFHxA	1800837-07 REEPDW400FRB 0.11915	1.03e4	64.2	NO
3	3 13C3-PFHxS	1800837-07 REEPDW400FRB 0.11915	2.34e3	79.1	NO
4	4 13C8-PFOA	1800837-07 REEPDW400FRB 0.11915	1.17e4	70.2	NO
5	5 13C9-PFNA	1800837-07 REEPDW400FRB 0.11915	1.44e4	71.9	NO
6	6 13C4-PFOS	1800837-07 REEPDW400FRB 0.11915	2.41e3	79.6	NO
7	7 13C6-PFDA	1800837-07 REEPDW400FRB 0.11915	1.80e4	82.2	NO
8	8 13C7-PFUDa	1800837-07 REEPDW400FRB 0.11915	1.90e4	82.3	NO

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Name: 180527M1_60, Date: 28-May-2018, Time: 03:59:22, ID: 1800837-08 REEPDW403FRB 0.12071, Description: REEPDW403FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800837-08 REEPDW403FRB 0.12071	7.56e3	87.5	NO
2	2 13C5-PFHxA	1800837-08 REEPDW403FRB 0.12071	1.31e4	81.7	NO
3	3 13C3-PFHxS	1800837-08 REEPDW403FRB 0.12071	2.57e3	86.7	NO
4	4 13C8-PFOA	1800837-08 REEPDW403FRB 0.12071	1.49e4	89.7	NO
5	5 13C9-PFNA	1800837-08 REEPDW403FRB 0.12071	1.61e4	80.6	NO
6	6 13C4-PFOS	1800837-08 REEPDW403FRB 0.12071	2.98e3	98.4	NO
7	7 13C6-PFDA	1800837-08 REEPDW403FRB 0.12071	1.94e4	88.8	NO
8	8 13C7-PFUDa	1800837-08 REEPDW403FRB 0.12071	1.91e4	82.7	NO

Name: 180527M1_61, Date: 28-May-2018, Time: 04:09:48, ID: 1800837-09 REEPDW404FRB 0.12156, Description: REEPDW404FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800837-09 REEPDW404FRB 0.12156	5.66e3	65.5	NO
2	2 13C5-PFHxA	1800837-09 REEPDW404FRB 0.12156	1.00e4	62.5	NO
3	3 13C3-PFHxS	1800837-09 REEPDW404FRB 0.12156	2.25e3	76.1	NO
4	4 13C8-PFOA	1800837-09 REEPDW404FRB 0.12156	1.16e4	69.8	NO
5	5 13C9-PFNA	1800837-09 REEPDW404FRB 0.12156	1.37e4	68.6	NO
6	6 13C4-PFOS	1800837-09 REEPDW404FRB 0.12156	2.32e3	76.7	NO
7	7 13C6-PFDA	1800837-09 REEPDW404FRB 0.12156	1.42e4	64.7	NO
8	8 13C7-PFUDa	1800837-09 REEPDW404FRB 0.12156	1.58e4	68.1	NO

Name: 180527M1_62, Date: 28-May-2018, Time: 04:20:18, ID: 1800837-10 REEPDW405FRB 0.12147, Description: REEPDW405FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800837-10 REEPDW405FRB 0.12147	6.97e3	80.6	NO
2	2 13C5-PFHxA	1800837-10 REEPDW405FRB 0.12147	1.14e4	71.1	NO
3	3 13C3-PFHxS	1800837-10 REEPDW405FRB 0.12147	2.54e3	85.7	NO
4	4 13C8-PFOA	1800837-10 REEPDW405FRB 0.12147	1.26e4	76.0	NO
5	5 13C9-PFNA	1800837-10 REEPDW405FRB 0.12147	1.63e4	81.6	NO
6	6 13C4-PFOS	1800837-10 REEPDW405FRB 0.12147	2.56e3	84.7	NO
7	7 13C6-PFDA	1800837-10 REEPDW405FRB 0.12147	1.70e4	77.8	NO
8	8 13C7-PFUDa	1800837-10 REEPDW405FRB 0.12147	1.93e4	83.4	NO

Name: 180527M1_63, Date: 28-May-2018, Time: 04:30:48, ID: 1800837-11 REEPDW408FRB 0.12515, Description: REEPDW408FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800837-11 REEPDW408FRB 0.12515	8.12e3	94.0	NO
2	2 13C5-PFHxA	1800837-11 REEPDW408FRB 0.12515	1.37e4	85.3	NO
3	3 13C3-PFHxS	1800837-11 REEPDW408FRB 0.12515	2.80e3	94.7	NO
4	4 13C8-PFOA	1800837-11 REEPDW408FRB 0.12515	1.43e4	85.9	NO
5	5 13C9-PFNA	1800837-11 REEPDW408FRB 0.12515	1.79e4	89.4	NO
6	6 13C4-PFOS	1800837-11 REEPDW408FRB 0.12515	3.06e3	101.1	NO
7	7 13C6-PFDA	1800837-11 REEPDW408FRB 0.12515	1.84e4	84.2	NO
8	8 13C7-PFUDa	1800837-11 REEPDW408FRB 0.12515	2.11e4	91.3	NO

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Name: 180527M1_64, Date: 28-May-2018, Time: 04:41:13, ID: 1800837-13 REEPDW411FRB 0.12134, Description: REEPDW411FRB

	#	Name	ID	Area	%Rec	Area Out
1	1	13C4-PFBA	1800837-13 REEPDW411FRB 0.12134	7.35e3	85.0	NO
2	2	13C5-PFHxA	1800837-13 REEPDW411FRB 0.12134	1.20e4	75.1	NO
3	3	13C3-PFHxS	1800837-13 REEPDW411FRB 0.12134	2.58e3	87.1	NO
4	4	13C8-PFOA	1800837-13 REEPDW411FRB 0.12134	1.43e4	86.2	NO
5	5	13C9-PFNA	1800837-13 REEPDW411FRB 0.12134	1.62e4	81.1	NO
6	6	13C4-PFOS	1800837-13 REEPDW411FRB 0.12134	2.85e3	94.2	NO
7	7	13C6-PFDA	1800837-13 REEPDW411FRB 0.12134	1.58e4	72.2	NO
8	8	13C7-PFUDa	1800837-13 REEPDW411FRB 0.12134	1.97e4	85.3	NO

Name: 180527M1_65, Date: 28-May-2018, Time: 04:51:43, ID: 1800859-01 BP-MH-SW4001-South-20180501 0.25262, Description: BP-MH-SW4001-South-20180501

	#	Name	ID	Area	%Rec	Area Out
1	1	13C4-PFBA	1800859-01 BP-MH-SW4001-South-20...	5.82e3	67.3	NO
2	2	13C5-PFHxA	1800859-01 BP-MH-SW4001-South-20...	9.27e3	57.9	NO
3	3	13C3-PFHxS	1800859-01 BP-MH-SW4001-South-20...	2.77e3	93.8	NO
4	4	13C8-PFOA	1800859-01 BP-MH-SW4001-South-20...	1.03e4	61.7	NO
5	5	13C9-PFNA	1800859-01 BP-MH-SW4001-South-20...	1.29e4	64.8	NO
6	6	13C4-PFOS	1800859-01 BP-MH-SW4001-South-20...	2.99e3	98.6	NO
7	7	13C6-PFDA	1800859-01 BP-MH-SW4001-South-20...	1.49e4	68.2	NO
8	8	13C7-PFUDa	1800859-01 BP-MH-SW4001-South-20...	1.66e4	71.9	NO

Name: 180527M1_66, Date: 28-May-2018, Time: 05:02:08, ID: 1800859-02 BP-TT-SW4002-20180501 0.25791, Description: BP-TT-SW4002-20180501

	#	Name	ID	Area	%Rec	Area Out
1	1	13C4-PFBA	1800859-02 BP-TT-SW4002-20180501 ...	6.57e3	76.0	NO
2	2	13C5-PFHxA	1800859-02 BP-TT-SW4002-20180501 ...	1.04e4	64.7	NO
3	3	13C3-PFHxS	1800859-02 BP-TT-SW4002-20180501 ...	2.73e3	92.4	NO
4	4	13C8-PFOA	1800859-02 BP-TT-SW4002-20180501 ...	1.25e4	75.4	NO
5	5	13C9-PFNA	1800859-02 BP-TT-SW4002-20180501 ...	1.36e4	67.9	NO
6	6	13C4-PFOS	1800859-02 BP-TT-SW4002-20180501 ...	2.84e3	93.9	NO
7	7	13C6-PFDA	1800859-02 BP-TT-SW4002-20180501 ...	1.66e4	75.6	NO
8	8	13C7-PFUDa	1800859-02 BP-TT-SW4002-20180501 ...	1.69e4	73.0	NO

Name: 180527M1_67, Date: 28-May-2018, Time: 05:12:39, ID: 1800859-03 BP-DUP06-20180501 0.26367, Description: BP-DUP06-20180501

	#	Name	ID	Area	%Rec	Area Out
1	1	13C4-PFBA	1800859-03 BP-DUP06-20180501 0.26...	6.81e3	78.8	NO
2	2	13C5-PFHxA	1800859-03 BP-DUP06-20180501 0.26...	1.12e4	69.8	NO
3	3	13C3-PFHxS	1800859-03 BP-DUP06-20180501 0.26...	2.92e3	98.9	NO
4	4	13C8-PFOA	1800859-03 BP-DUP06-20180501 0.26...	1.35e4	81.3	NO
5	5	13C9-PFNA	1800859-03 BP-DUP06-20180501 0.26...	1.52e4	76.0	NO
6	6	13C4-PFOS	1800859-03 BP-DUP06-20180501 0.26...	3.06e3	101.1	NO
7	7	13C6-PFDA	1800859-03 BP-DUP06-20180501 0.26...	1.72e4	78.5	NO
8	8	13C7-PFUDa	1800859-03 BP-DUP06-20180501 0.26...	1.82e4	78.6	NO

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Name: 180527M1_68, Date: 28-May-2018, Time: 05:23:03, ID: 1800859-04 BP-EB04-20180501 0.26058, Description: BP-EB04-20180501

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800859-04 BP-EB04-20180501 0.26058	8.18e3	94.7	NO
2	2 13C5-PFHxA	1800859-04 BP-EB04-20180501 0.26058	1.32e4	82.6	NO
3	3 13C3-PFHxS	1800859-04 BP-EB04-20180501 0.26058	3.00e3	101.6	NO
4	4 13C8-PFOA	1800859-04 BP-EB04-20180501 0.26058	1.51e4	90.9	NO
5	5 13C9-PFNA	1800859-04 BP-EB04-20180501 0.26058	1.85e4	92.7	NO
6	6 13C4-PFOS	1800859-04 BP-EB04-20180501 0.26058	3.29e3	108.5	NO
7	7 13C6-PFDA	1800859-04 BP-EB04-20180501 0.26058	1.98e4	90.4	NO
8	8 13C7-PFUdA	1800859-04 BP-EB04-20180501 0.26058	2.49e4	107.8	NO

Name: 180527M1_69, Date: 28-May-2018, Time: 05:33:34, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUdA	IPA			NO

Name: 180527M1_70, Date: 28-May-2018, Time: 05:43:59, ID: ST180527M1-11 PFC CS3 18E2207, Description: PFC CS3 18E2207

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180527M1-11 PFC CS3 18E2207	1.04e4	120.4	NO
2	2 13C5-PFHxA	ST180527M1-11 PFC CS3 18E2207	1.86e4	116.1	NO
3	3 13C3-PFHxS	ST180527M1-11 PFC CS3 18E2207	3.58e3	120.9	NO
4	4 13C8-PFOA	ST180527M1-11 PFC CS3 18E2207	2.18e4	131.0	NO
5	5 13C9-PFNA	ST180527M1-11 PFC CS3 18E2207	2.48e4	124.1	NO
6	6 13C4-PFOS	ST180527M1-11 PFC CS3 18E2207	3.79e3	125.2	NO
7	7 13C6-PFDA	ST180527M1-11 PFC CS3 18E2207	2.55e4	116.4	NO
8	8 13C7-PFUdA	ST180527M1-11 PFC CS3 18E2207	2.94e4	126.9	NO

Name: 180527M1_71, Date: 28-May-2018, Time: 05:54:21, ID: ST180527M1-12 PFC CS0 18E2204, Description: PFC CS0 18E2204

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180527M1-12 PFC CS0 18E2204	9.90e3	114.5	NO
2	2 13C5-PFHxA	ST180527M1-12 PFC CS0 18E2204	1.80e4	112.2	NO
3	3 13C3-PFHxS	ST180527M1-12 PFC CS0 18E2204	3.66e3	123.8	NO
4	4 13C8-PFOA	ST180527M1-12 PFC CS0 18E2204	2.09e4	125.4	NO
5	5 13C9-PFNA	ST180527M1-12 PFC CS0 18E2204	2.46e4	123.2	NO
6	6 13C4-PFOS	ST180527M1-12 PFC CS0 18E2204	3.81e3	125.8	NO
7	7 13C6-PFDA	ST180527M1-12 PFC CS0 18E2204	2.65e4	121.1	NO
8	8 13C7-PFUdA	ST180527M1-12 PFC CS0 18E2204	3.19e4	137.7	NO

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Name: 180527M1_72, Date: 28-May-2018, Time: 06:04:51, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA	5.67e0	0.0	YES
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA	5.68e0	0.0	YES
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUdA	IPA			NO

Name: 180527M1_73, Date: 28-May-2018, Time: 06:15:22, ID: B8E0077-BS1 OPR 0.125, Description: OPR

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8E0077-BS1 OPR 0.125	5.62e3	65.0	NO
2	2 13C5-PFHxA	B8E0077-BS1 OPR 0.125	1.03e4	64.3	NO
3	3 13C3-PFHxS	B8E0077-BS1 OPR 0.125	2.29e3	77.3	NO
4	4 13C8-PFOA	B8E0077-BS1 OPR 0.125	1.23e4	73.9	NO
5	5 13C9-PFNA	B8E0077-BS1 OPR 0.125	1.49e4	74.4	NO
6	6 13C4-PFOS	B8E0077-BS1 OPR 0.125	2.46e3	81.2	NO
7	7 13C6-PFDA	B8E0077-BS1 OPR 0.125	1.62e4	73.8	NO
8	8 13C7-PFUdA	B8E0077-BS1 OPR 0.125	1.93e4	83.6	NO

Name: 180527M1_74, Date: 28-May-2018, Time: 06:25:47, ID: B8E0077-BSD1 LCSD 0.125, Description: LCSD

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8E0077-BSD1 LCSD 0.125	8.54e3	98.8	NO
2	2 13C5-PFHxA	B8E0077-BSD1 LCSD 0.125	1.44e4	89.7	NO
3	3 13C3-PFHxS	B8E0077-BSD1 LCSD 0.125	3.00e3	101.4	NO
4	4 13C8-PFOA	B8E0077-BSD1 LCSD 0.125	1.47e4	88.5	NO
5	5 13C9-PFNA	B8E0077-BSD1 LCSD 0.125	1.86e4	93.4	NO
6	6 13C4-PFOS	B8E0077-BSD1 LCSD 0.125	3.13e3	103.4	NO
7	7 13C6-PFDA	B8E0077-BSD1 LCSD 0.125	2.21e4	100.8	NO
8	8 13C7-PFUdA	B8E0077-BSD1 LCSD 0.125	2.14e4	92.5	NO

Name: 180527M1_75, Date: 28-May-2018, Time: 06:36:17, ID: B8E0077-BLK1 Method Blank 0.125, Description: Method Blank

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8E0077-BLK1 Method Blank 0.125	5.79e3	67.0	NO
2	2 13C5-PFHxA	B8E0077-BLK1 Method Blank 0.125	1.00e4	62.6	NO
3	3 13C3-PFHxS	B8E0077-BLK1 Method Blank 0.125	2.36e3	79.8	NO
4	4 13C8-PFOA	B8E0077-BLK1 Method Blank 0.125	1.15e4	69.0	NO
5	5 13C9-PFNA	B8E0077-BLK1 Method Blank 0.125	1.42e4	71.3	NO
6	6 13C4-PFOS	B8E0077-BLK1 Method Blank 0.125	2.50e3	82.5	NO
7	7 13C6-PFDA	B8E0077-BLK1 Method Blank 0.125	1.66e4	75.7	NO
8	8 13C7-PFUdA	B8E0077-BLK1 Method Blank 0.125	1.90e4	82.3	NO

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Name: 180527M1_76, Date: 28-May-2018, Time: 06:46:41, ID: 1800856-01 REEPDW430FRB 0.1183, Description: REEPDW430FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800856-01 REEPDW430FRB 0.1183	6.54e3	75.7	NO
2	2 13C5-PFHxA	1800856-01 REEPDW430FRB 0.1183	1.14e4	71.0	NO
3	3 13C3-PFHxS	1800856-01 REEPDW430FRB 0.1183	2.48e3	83.8	NO
4	4 13C8-PFOA	1800856-01 REEPDW430FRB 0.1183	1.35e4	81.0	NO
5	5 13C9-PFNA	1800856-01 REEPDW430FRB 0.1183	1.70e4	85.1	NO
6	6 13C4-PFOS	1800856-01 REEPDW430FRB 0.1183	2.71e3	89.5	NO
7	7 13C6-PFDA	1800856-01 REEPDW430FRB 0.1183	1.92e4	87.7	NO
8	8 13C7-PFUDa	1800856-01 REEPDW430FRB 0.1183	2.09e4	90.4	NO

Name: 180527M1_77, Date: 28-May-2018, Time: 06:57:12, ID: 1800856-02 REEPDW431FRB 0.11243, Description: REEPDW431FRB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800856-02 REEPDW431FRB 0.11243	6.47e3	74.9	NO
2	2 13C5-PFHxA	1800856-02 REEPDW431FRB 0.11243	1.10e4	68.5	NO
3	3 13C3-PFHxS	1800856-02 REEPDW431FRB 0.11243	2.31e3	77.9	NO
4	4 13C8-PFOA	1800856-02 REEPDW431FRB 0.11243	1.27e4	76.6	NO
5	5 13C9-PFNA	1800856-02 REEPDW431FRB 0.11243	1.30e4	65.1	NO
6	6 13C4-PFOS	1800856-02 REEPDW431FRB 0.11243	2.48e3	81.8	NO
7	7 13C6-PFDA	1800856-02 REEPDW431FRB 0.11243	1.62e4	74.1	NO
8	8 13C7-PFUDa	1800856-02 REEPDW431FRB 0.11243	1.82e4	78.6	NO

Name: 180527M1_78, Date: 28-May-2018, Time: 07:07:42, ID: B8E0106-BS1 OPR 0.25, Description: OPR

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8E0106-BS1 OPR 0.25	5.65e3	65.4	NO
2	2 13C5-PFHxA	B8E0106-BS1 OPR 0.25	9.28e3	58.0	NO
3	3 13C3-PFHxS	B8E0106-BS1 OPR 0.25	1.85e3	62.6	NO
4	4 13C8-PFOA	B8E0106-BS1 OPR 0.25	1.06e4	63.6	NO
5	5 13C9-PFNA	B8E0106-BS1 OPR 0.25	1.22e4	61.0	NO
6	6 13C4-PFOS	B8E0106-BS1 OPR 0.25	2.18e3	71.9	NO
7	7 13C6-PFDA	B8E0106-BS1 OPR 0.25	1.38e4	63.2	NO
8	8 13C7-PFUDa	B8E0106-BS1 OPR 0.25	1.52e4	65.7	NO

Name: 180527M1_79, Date: 28-May-2018, Time: 07:18:06, ID: B8E0106-BLK1 Method Blank 0.25, Description: Method Blank

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B8E0106-BLK1 Method Blank 0.25	6.20e3	71.7	NO
2	2 13C5-PFHxA	B8E0106-BLK1 Method Blank 0.25	9.68e3	60.4	NO
3	3 13C3-PFHxS	B8E0106-BLK1 Method Blank 0.25	2.20e3	74.4	NO
4	4 13C8-PFOA	B8E0106-BLK1 Method Blank 0.25	1.12e4	67.5	NO
5	5 13C9-PFNA	B8E0106-BLK1 Method Blank 0.25	1.35e4	67.8	NO
6	6 13C4-PFOS	B8E0106-BLK1 Method Blank 0.25	2.26e3	74.7	NO
7	7 13C6-PFDA	B8E0106-BLK1 Method Blank 0.25	1.51e4	69.1	NO
8	8 13C7-PFUDa	B8E0106-BLK1 Method Blank 0.25	1.71e4	73.8	NO

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Name: 180527M1_80, Date: 28-May-2018, Time: 07:28:37, ID: 1800897-01 TGITMW318180502N 0.25269, Description: TGITMW318180502N

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800897-01 TGITMW318180502N 0.25...	5.48e3	63.4	NO
2	2 13C5-PFHxA	1800897-01 TGITMW318180502N 0.25...	9.00e3	56.2	NO
3	3 13C3-PFHxS	1800897-01 TGITMW318180502N 0.25...	2.16e3	73.0	NO
4	4 13C8-PFOA	1800897-01 TGITMW318180502N 0.25...	1.07e4	64.1	NO
5	5 13C9-PFNA	1800897-01 TGITMW318180502N 0.25...	1.15e4	57.4	NO
6	6 13C4-PFOS	1800897-01 TGITMW318180502N 0.25...	2.25e3	74.3	NO
7	7 13C6-PFDA	1800897-01 TGITMW318180502N 0.25...	1.38e4	63.0	NO
8	8 13C7-PFUDa	1800897-01 TGITMW318180502N 0.25...	1.48e4	64.1	NO

Name: 180527M1_81, Date: 28-May-2018, Time: 07:39:01, ID: 1800906-01 BD-01 0.26521, Description: BD-01

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800906-01 BD-01 0.26521	4.78e3	55.4	NO
2	2 13C5-PFHxA	1800906-01 BD-01 0.26521	7.88e3	49.2	YES
3	3 13C3-PFHxS	1800906-01 BD-01 0.26521	1.72e3	58.1	NO
4	4 13C8-PFOA	1800906-01 BD-01 0.26521	8.78e3	52.8	NO
5	5 13C9-PFNA	1800906-01 BD-01 0.26521	1.05e4	52.8	NO
6	6 13C4-PFOS	1800906-01 BD-01 0.26521	1.64e3	54.1	NO
7	7 13C6-PFDA	1800906-01 BD-01 0.26521	1.28e4	58.4	NO
8	8 13C7-PFUDa	1800906-01 BD-01 0.26521	1.35e4	58.6	NO

Name: 180527M1_82, Date: 28-May-2018, Time: 07:49:31, ID: 1800906-02 Field Blank 0507 0.26529, Description: Field Blank 0507

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800906-02 Field Blank 0507 0.26529	5.31e3	61.4	NO
2	2 13C5-PFHxA	1800906-02 Field Blank 0507 0.26529	9.01e3	56.3	NO
3	3 13C3-PFHxS	1800906-02 Field Blank 0507 0.26529	1.91e3	64.4	NO
4	4 13C8-PFOA	1800906-02 Field Blank 0507 0.26529	9.35e3	56.2	NO
5	5 13C9-PFNA	1800906-02 Field Blank 0507 0.26529	1.08e4	54.2	NO
6	6 13C4-PFOS	1800906-02 Field Blank 0507 0.26529	1.93e3	63.7	NO
7	7 13C6-PFDA	1800906-02 Field Blank 0507 0.26529	1.30e4	59.5	NO
8	8 13C7-PFUDa	1800906-02 Field Blank 0507 0.26529	1.41e4	61.0	NO

Name: 180527M1_83, Date: 28-May-2018, Time: 08:00:01, ID: 1800906-03 Field Blank 0508 0.25739, Description: Field Blank 0508

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800906-03 Field Blank 0508 0.25739	5.73e3	66.3	NO
2	2 13C5-PFHxA	1800906-03 Field Blank 0508 0.25739	9.73e3	60.8	NO
3	3 13C3-PFHxS	1800906-03 Field Blank 0508 0.25739	1.96e3	66.1	NO
4	4 13C8-PFOA	1800906-03 Field Blank 0508 0.25739	1.17e4	70.4	NO
5	5 13C9-PFNA	1800906-03 Field Blank 0508 0.25739	1.27e4	63.8	NO
6	6 13C4-PFOS	1800906-03 Field Blank 0508 0.25739	2.29e3	75.5	NO
7	7 13C6-PFDA	1800906-03 Field Blank 0508 0.25739	1.47e4	67.1	NO
8	8 13C7-PFUDa	1800906-03 Field Blank 0508 0.25739	1.71e4	74.0	NO

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Name: 180527M1_84, Date: 28-May-2018, Time: 08:10:26, ID: 1800906-04 TB 0507 0.25846, Description: TB 0507

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800906-04 TB 0507 0.25846	5.92e3	68.5	NO
2	2 13C5-PFHxA	1800906-04 TB 0507 0.25846	1.03e4	64.4	NO
3	3 13C3-PFHxS	1800906-04 TB 0507 0.25846	2.02e3	68.3	NO
4	4 13C8-PFOA	1800906-04 TB 0507 0.25846	1.12e4	67.2	NO
5	5 13C9-PFNA	1800906-04 TB 0507 0.25846	1.27e4	63.7	NO
6	6 13C4-PFOS	1800906-04 TB 0507 0.25846	2.17e3	71.5	NO
7	7 13C6-PFDA	1800906-04 TB 0507 0.25846	1.35e4	61.8	NO
8	8 13C7-PFUDa	1800906-04 TB 0507 0.25846	1.56e4	67.3	NO

Name: 180527M1_85, Date: 28-May-2018, Time: 08:20:56, ID: 1800906-05 MW-5 0.25719, Description: MW-5

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800906-05 MW-5 0.25719	5.36e3	62.0	NO
2	2 13C5-PFHxA	1800906-05 MW-5 0.25719	8.67e3	54.2	NO
3	3 13C3-PFHxS	1800906-05 MW-5 0.25719	1.56e3	52.6	NO
4	4 13C8-PFOA	1800906-05 MW-5 0.25719	1.03e4	62.1	NO
5	5 13C9-PFNA	1800906-05 MW-5 0.25719	1.27e4	63.7	NO
6	6 13C4-PFOS	1800906-05 MW-5 0.25719	2.14e3	70.7	NO
7	7 13C6-PFDA	1800906-05 MW-5 0.25719	1.46e4	66.9	NO
8	8 13C7-PFUDa	1800906-05 MW-5 0.25719	1.60e4	69.2	NO

Name: 180527M1_86, Date: 28-May-2018, Time: 08:31:26, ID: 1800906-06 MW-6 0.25896, Description: MW-6

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800906-06 MW-6 0.25896	4.87e3	56.4	NO
2	2 13C5-PFHxA	1800906-06 MW-6 0.25896	8.12e3	50.7	NO
3	3 13C3-PFHxS	1800906-06 MW-6 0.25896	1.84e3	62.1	NO
4	4 13C8-PFOA	1800906-06 MW-6 0.25896	8.61e3	51.8	NO
5	5 13C9-PFNA	1800906-06 MW-6 0.25896	1.17e4	58.4	NO
6	6 13C4-PFOS	1800906-06 MW-6 0.25896	2.07e3	68.4	NO
7	7 13C6-PFDA	1800906-06 MW-6 0.25896	1.35e4	61.5	NO
8	8 13C7-PFUDa	1800906-06 MW-6 0.25896	1.62e4	70.0	NO

Name: 180527M1_87, Date: 28-May-2018, Time: 08:41:51, ID: 1800906-07 MW-12 0.27, Description: MW-12

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800906-07 MW-12 0.27	5.29e3	61.2	NO
2	2 13C5-PFHxA	1800906-07 MW-12 0.27	8.77e3	54.8	NO
3	3 13C3-PFHxS	1800906-07 MW-12 0.27	1.64e3	55.5	NO
4	4 13C8-PFOA	1800906-07 MW-12 0.27	1.12e4	67.1	NO
5	5 13C9-PFNA	1800906-07 MW-12 0.27	1.31e4	65.7	NO
6	6 13C4-PFOS	1800906-07 MW-12 0.27	2.36e3	77.8	NO
7	7 13C6-PFDA	1800906-07 MW-12 0.27	1.45e4	66.1	NO
8	8 13C7-PFUDa	1800906-07 MW-12 0.27	1.59e4	68.7	NO

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Name: 180527M1_88, Date: 28-May-2018, Time: 08:52:21, ID: 1800906-08 MW-14 0.26548, Description: MW-14

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800906-08 MW-14 0.26548	4.55e3	52.7	NO
2	2 13C5-PFHxA	1800906-08 MW-14 0.26548	7.80e3	48.7	YES
3	3 13C3-PFHxS	1800906-08 MW-14 0.26548	1.75e3	59.1	NO
4	4 13C8-PFOA	1800906-08 MW-14 0.26548	9.69e3	58.2	NO
5	5 13C9-PFNA	1800906-08 MW-14 0.26548	1.08e4	53.9	NO
6	6 13C4-PFOS	1800906-08 MW-14 0.26548	1.90e3	62.8	NO
7	7 13C6-PFDA	1800906-08 MW-14 0.26548	1.09e4	49.7	YES
8	8 13C7-PFUDa	1800906-08 MW-14 0.26548	1.32e4	57.2	NO

Name: 180527M1_89, Date: 28-May-2018, Time: 09:02:46, ID: 1800906-09 MW-11 0.2707, Description: MW-11

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800906-09 MW-11 0.2707	4.13e3	47.8	YES
2	2 13C5-PFHxA	1800906-09 MW-11 0.2707	7.12e3	44.5	YES
3	3 13C3-PFHxS	1800906-09 MW-11 0.2707	1.81e3	61.1	NO
4	4 13C8-PFOA	1800906-09 MW-11 0.2707	9.31e3	56.0	NO
5	5 13C9-PFNA	1800906-09 MW-11 0.2707	1.07e4	53.5	NO
6	6 13C4-PFOS	1800906-09 MW-11 0.2707	2.01e3	66.5	NO
7	7 13C6-PFDA	1800906-09 MW-11 0.2707	1.18e4	53.7	NO
8	8 13C7-PFUDa	1800906-09 MW-11 0.2707	1.37e4	59.0	NO

Name: 180527M1_90, Date: 28-May-2018, Time: 09:13:16, ID: 1800906-10 CB-W2 0.2655, Description: CB-W2

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800906-10 CB-W2 0.2655	4.75e3	54.9	NO
2	2 13C5-PFHxA	1800906-10 CB-W2 0.2655	8.29e3	51.8	NO
3	3 13C3-PFHxS	1800906-10 CB-W2 0.2655	1.70e3	57.6	NO
4	4 13C8-PFOA	1800906-10 CB-W2 0.2655	9.95e3	59.8	NO
5	5 13C9-PFNA	1800906-10 CB-W2 0.2655	1.19e4	59.7	NO
6	6 13C4-PFOS	1800906-10 CB-W2 0.2655	1.89e3	62.4	NO
7	7 13C6-PFDA	1800906-10 CB-W2 0.2655	1.24e4	56.6	NO
8	8 13C7-PFUDa	1800906-10 CB-W2 0.2655	1.44e4	62.0	NO

Name: 180527M1_91, Date: 28-May-2018, Time: 09:23:41, ID: 1800907-01 9th Ave Bank 0.26786, Description: 9th Ave Bank

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1800907-01 9th Ave Bank 0.26786	4.85e3	56.1	NO
2	2 13C5-PFHxA	1800907-01 9th Ave Bank 0.26786	8.31e3	51.9	NO
3	3 13C3-PFHxS	1800907-01 9th Ave Bank 0.26786	1.98e3	66.9	NO
4	4 13C8-PFOA	1800907-01 9th Ave Bank 0.26786	1.03e4	61.9	NO
5	5 13C9-PFNA	1800907-01 9th Ave Bank 0.26786	1.24e4	62.1	NO
6	6 13C4-PFOS	1800907-01 9th Ave Bank 0.26786	2.00e3	66.1	NO
7	7 13C6-PFDA	1800907-01 9th Ave Bank 0.26786	1.20e4	54.8	NO
8	8 13C7-PFUDa	1800907-01 9th Ave Bank 0.26786	1.38e4	59.7	NO

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Name: 180527M1_92, Date: 28-May-2018, Time: 09:34:11, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA			NO
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA			NO
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA			NO
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUdA	IPA			NO

Name: 180527M1_93, Date: 28-May-2018, Time: 09:44:36, ID: ST180527M1-13 PFC CS3 18E2207, Description: PFC CS3 18E2207

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180527M1-13 PFC CS3 18E2207	1.11e4	128.0	NO
2	2 13C5-PFHxA	ST180527M1-13 PFC CS3 18E2207	1.80e4	112.1	NO
3	3 13C3-PFHxS	ST180527M1-13 PFC CS3 18E2207	3.46e3	117.1	NO
4	4 13C8-PFOA	ST180527M1-13 PFC CS3 18E2207	2.07e4	124.3	NO
5	5 13C9-PFNA	ST180527M1-13 PFC CS3 18E2207	2.49e4	125.0	NO
6	6 13C4-PFOS	ST180527M1-13 PFC CS3 18E2207	4.01e3	132.4	NO
7	7 13C6-PFDA	ST180527M1-13 PFC CS3 18E2207	2.83e4	129.2	NO
8	8 13C7-PFUdA	ST180527M1-13 PFC CS3 18E2207	2.93e4	126.9	NO

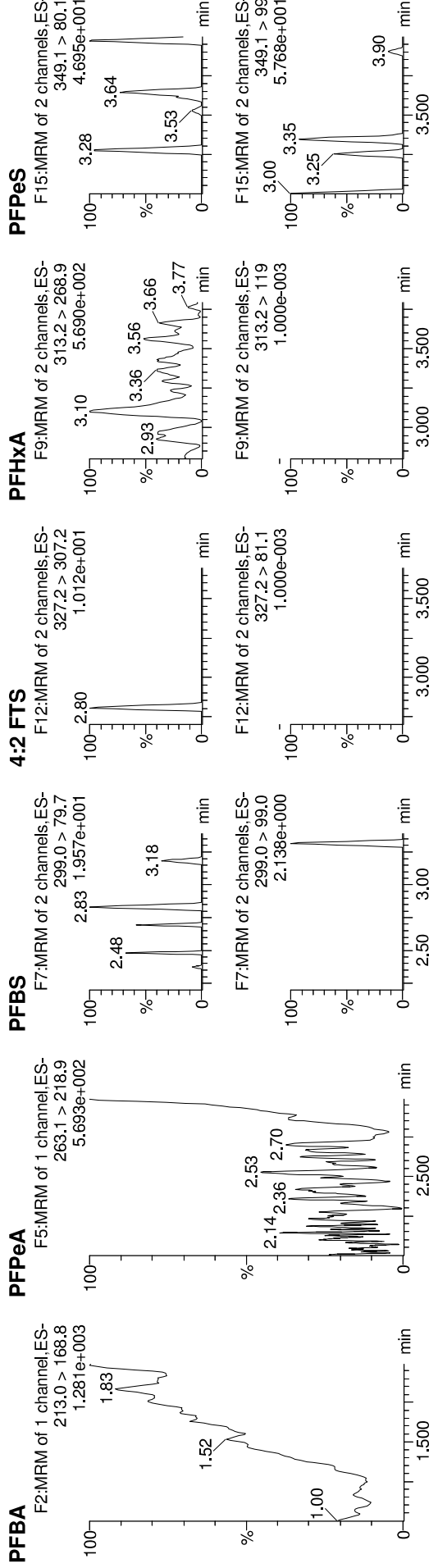
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Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Name: 180527M1_12, Date: 27-May-2018, Time: 19:37:10, ID: IPA, Description: IPA

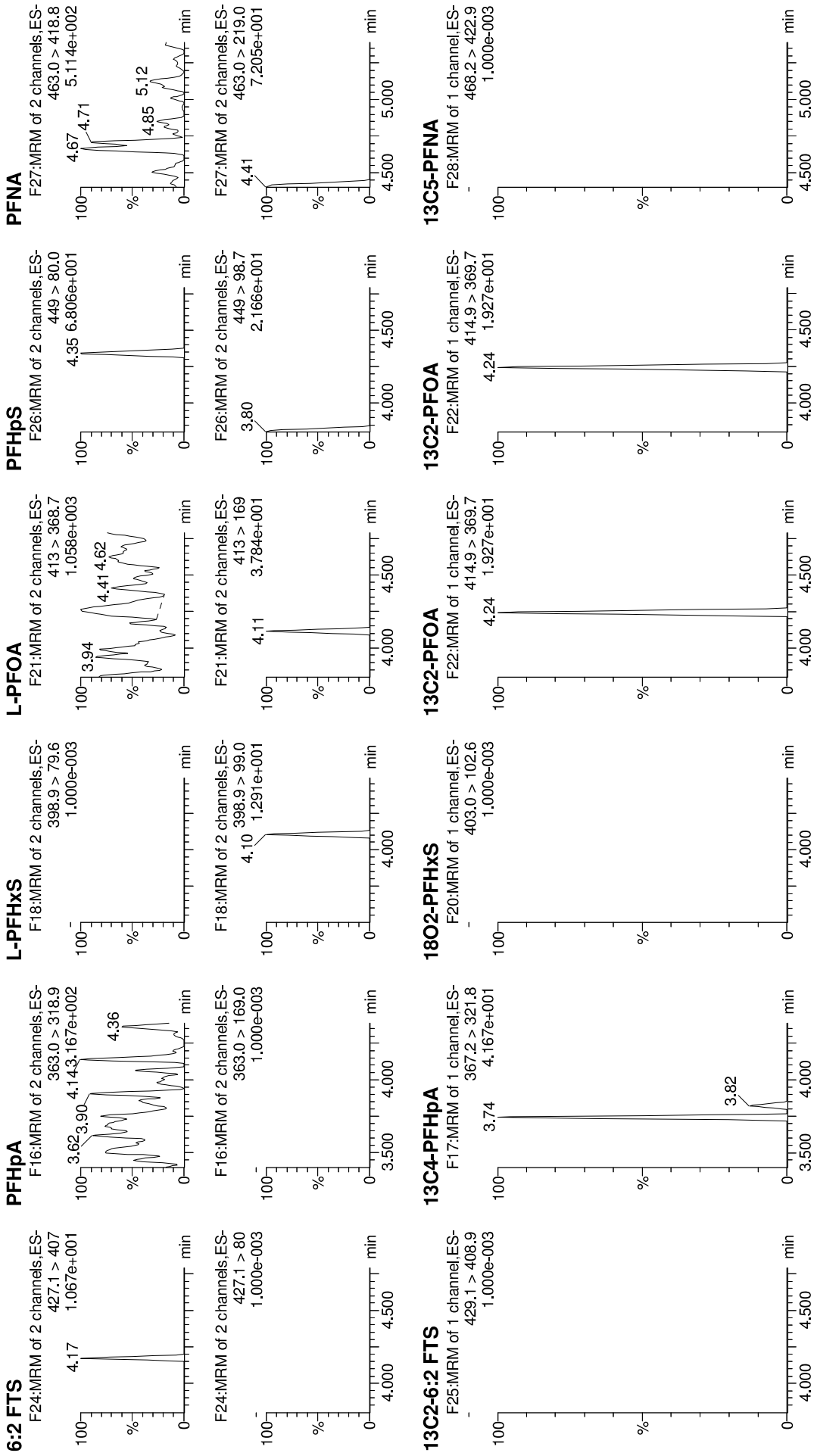


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Printed: Monday, May 28, 2018 14:07:06 Pacific Daylight Time

Name: 180527M1_12, Date: 27-May-2018, Time: 19:37:10, ID: IPA, Description: IPA

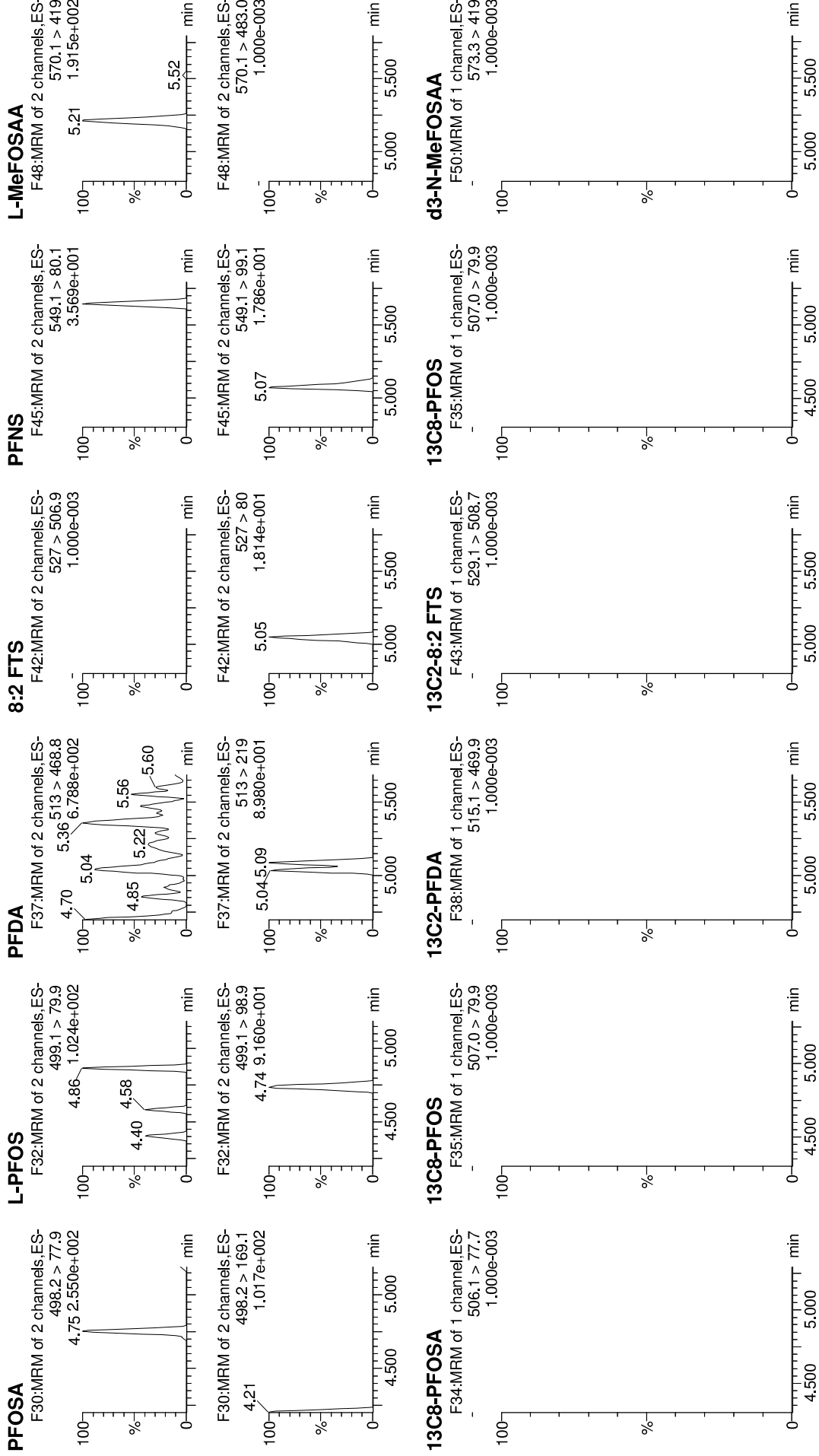


Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Monday, May 28, 2018 14:07:00 Pacific Daylight Time
Printed: Monday, May 28, 2018 14:07:06 Pacific Daylight Time

Name: 180527M1_12, Date: 27-May-2018, Time: 19:37:10, ID: IPA, Description: IPA

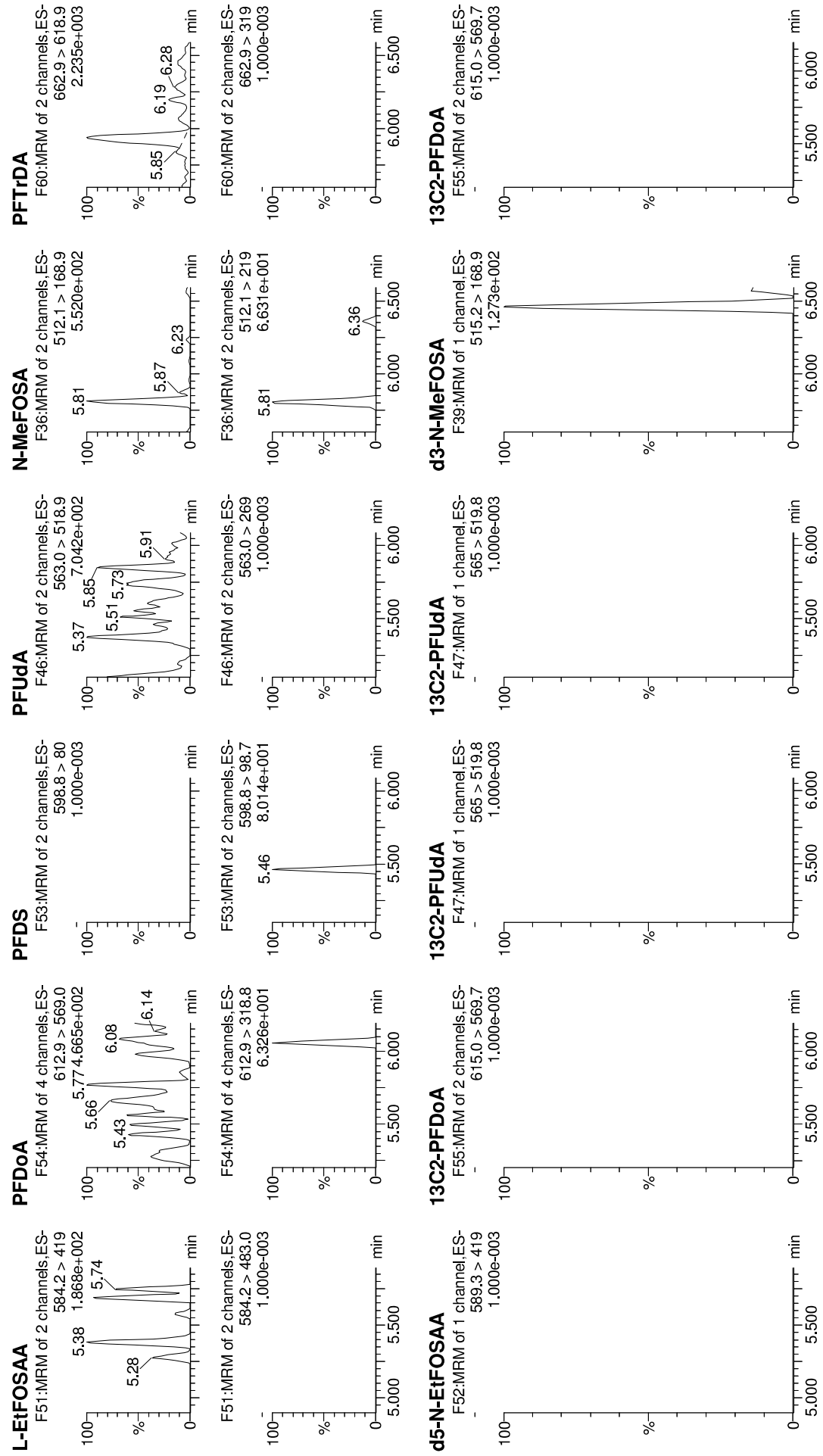


Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Monday, May 28, 2018 14:07:00 Pacific Daylight Time
Printed: Monday, May 28, 2018 14:07:06 Pacific Daylight Time

Name: 180527M1_12, Date: 27-May-2018, Time: 19:37:10, ID: IPA, Description: IPA



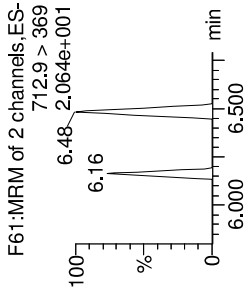
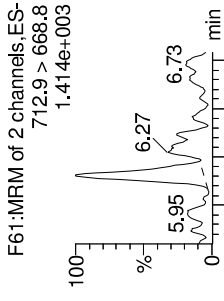
Vista Analytical Laboratory

Dataset: Untitled

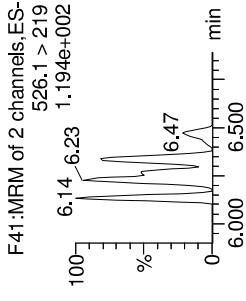
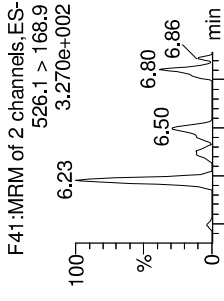
Last Altered: Monday, May 28, 2018 14:07:00 Pacific Daylight Time
Printed: Monday, May 28, 2018 14:07:06 Pacific Daylight Time

Name: 180527M1_12, Date: 27-May-2018, Time: 19:37:10, ID: IPA, Description: IPA

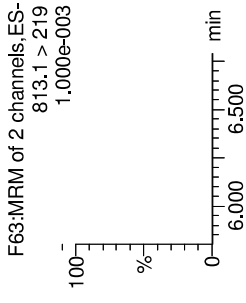
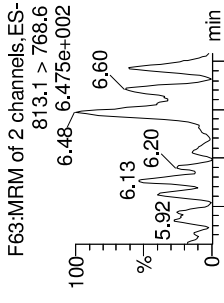
PFTeDA



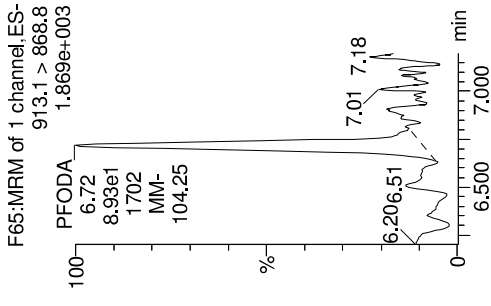
N-EiFOSA



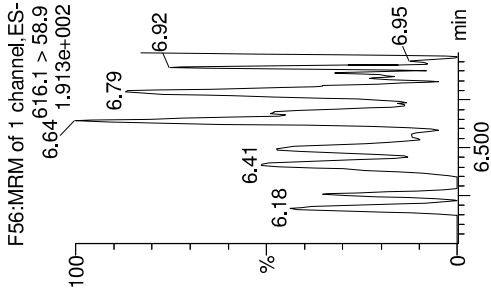
PFHxDa



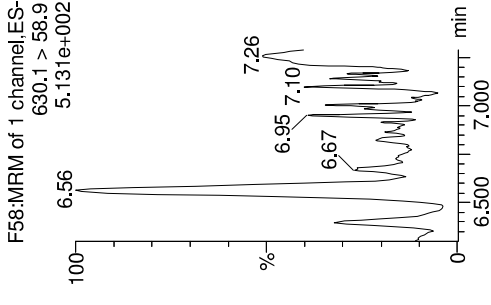
PFODA



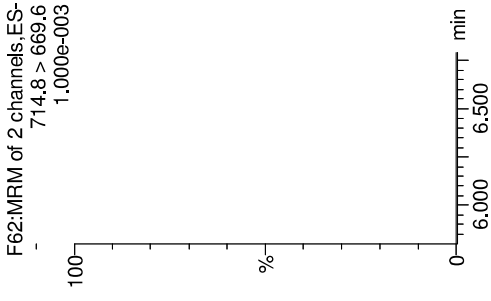
N-MeFOSE



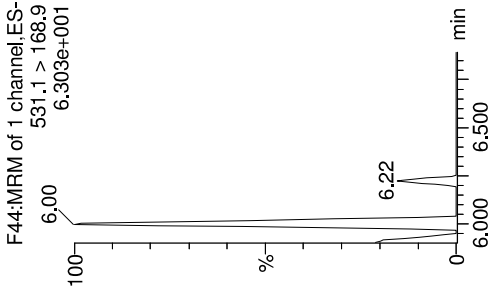
N-EtFOSE



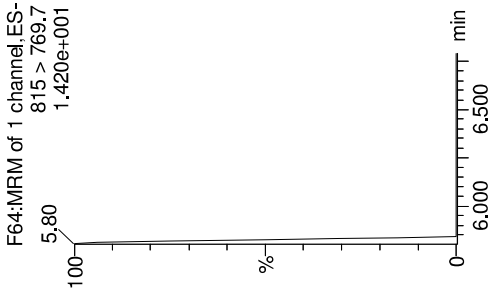
13C2-PFTeDA



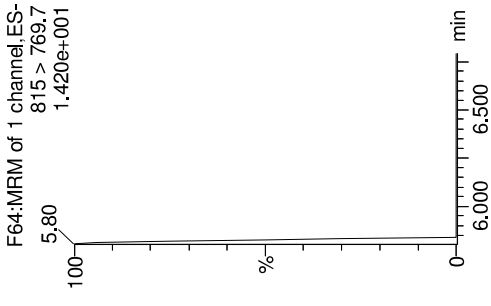
d5-N-ETFOSA



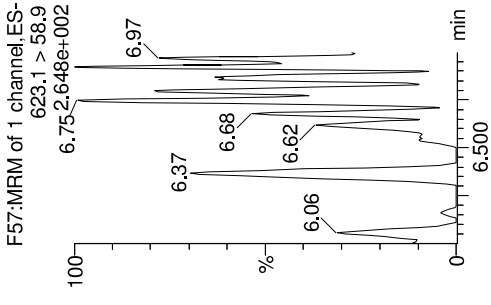
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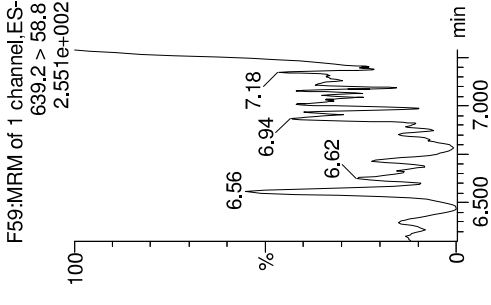
13C2-PFHxDa



d7-N-MeFOSE



d9-N-EtFOSE

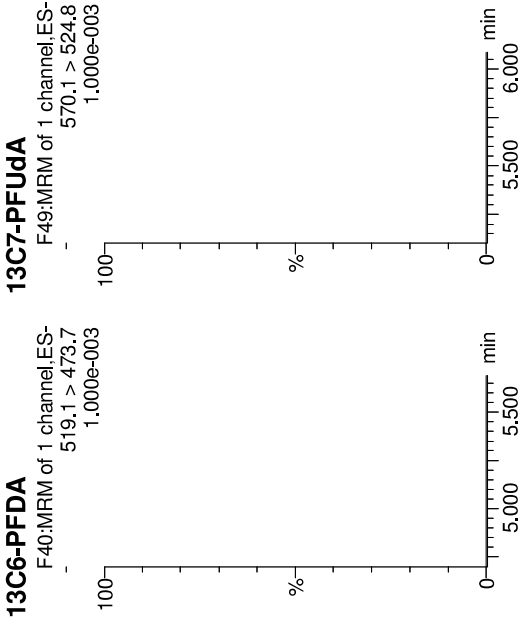
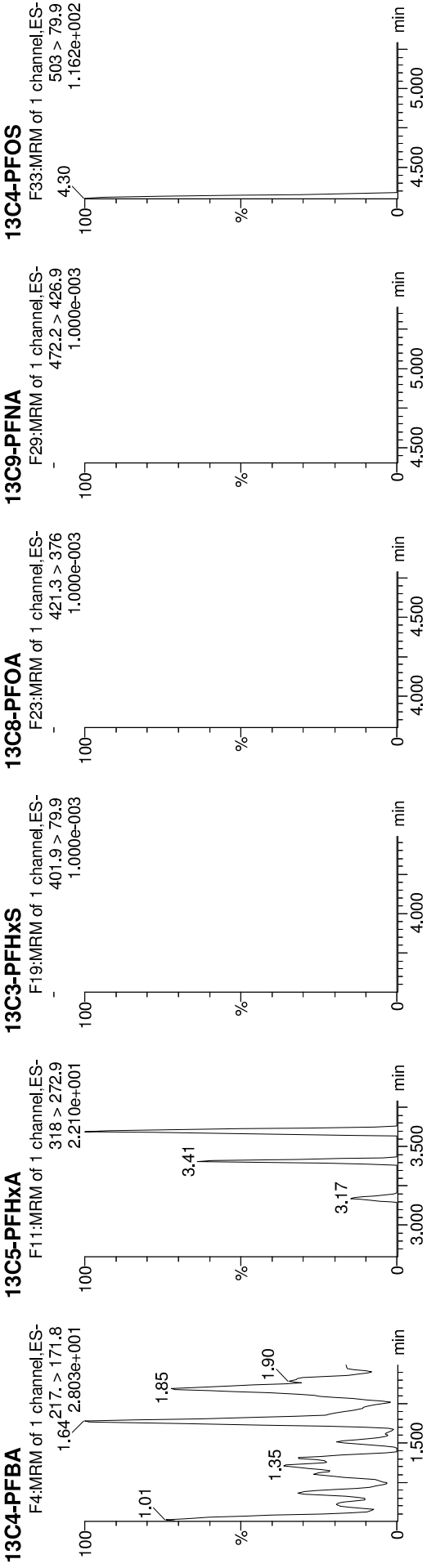


Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Monday, May 28, 2018 14:07:00 Pacific Daylight Time
Printed: Monday, May 28, 2018 14:07:06 Pacific Daylight Time

Name: 180527M1_12, Date: 27-May-2018, Time: 19:37:10, ID: IPA, Description: IPA



LC Calibration Standards Review Checklist

64

Calibration ID:	ION Ratio	Concentration	C-Cals Name	Sign Date	Correct I-Cal	Manual Integrations
ST190527M1-3 LMH	☒	☒	☒	☒	☒	☒
-11 LMH	☒	☒	☒	☒	☒	☒
-12 LMH	☒	☒	☒	☒	☒	☒
-13 LMH	☒	☒	☒	☒	☒	☒
-14 LMH	☒	☒	☒	☒	☒	☒
LMH	☐	☐	☐	☐	☐	☐
LMH	☐	☐	☐	☐	☐	☐
LMH	☐	☐	☐	☐	☐	☐
LMH	☐	☐	☐	☐	☐	☐
LMH	☐	☐	☐	☐	☐	☐

NE

Full Mass Cal. Date: 5/27/18

Comments:

Run Log Present: ☒

of Samples per Sequence Checked: ☒

Instrument Blank Saved: ☒

IIS Area Saved: ☒

Reviewed By: 168 5/29/18
Initials/Date

Dataset: F:\Projects\PFAS.PRO\Results\180527M1\180527M1-4.qld

Last Altered: Monday, May 28, 2018 09:41:55 Pacific Daylight Time
Printed: Monday, May 28, 2018 09:43:04 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052718.mdb 28 May 2018 09:36:27
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Name: 180527M1_4, Date: 27-May-2018, Time: 18:10:44, ID: ST180527M1-3 PFC CS0 18E2204, Description: PFC CS0 18E2204

#	Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec.	Recovery	Our	Ion Ratio	Ratio out?
1	PFBA	213.0 > 16...	5.94e2	7.85e3	1.36	1.36	1.37	0.945	0.874	87.4	NO	NO		
2	PFPeA	263.1 > 21...	1.03e3	1.22e4	2.33	2.33	2.33	1.05	1.03	103.1	NO	NO		
3	PFBS	299.0 > 79.7	2.10e2	1.48e3	2.61	2.61	2.61	1.77	0.912	91.2	NO	NO	2.669	NO
4	4.2 FTS	327.2 > 307.2	2.57e2	3.43e3	3.02	3.02	3.02	0.936	0.960	96.0	NO	NO	1.602	NO
5	PFHxA	313.2 > 26...	1.45e3	4.41e3	3.11	3.11	3.11	1.64	1.09	108.6	NO	NO	813.803	YES
6	PFPeS	349.1 > 80.1	2.10e2	1.48e3	3.33	3.33	3.32	1.78	1.01	100.9	NO	NO	1.707	NO
7	PFHpA	363.0 > 31...	1.34e3	1.34e4	3.74	3.74	3.74	1.25	1.01	100.7	NO	NO	52.108	YES
8	L-PFHxS	398.9 > 79.6	1.52e2	1.19e3	3.91	3.91	3.89	1.61	0.955	95.5	NO	NO	1.105	NO
9	6.2 FTS	427.1 > 407	3.37e2	3.65e3	4.31	4.31	4.22	1.15	1.07	106.6	NO	NO	3.684	YES
10	L-PFOA	413 > 368.7	1.65e3	1.97e4	4.40	4.40	4.26	1.05	1.04	104.2	NO	NO	5.031	NO
11	PFHpS	449 > 80.0	2.41e2	1.97e4	4.48	4.48	4.38	0.153	0.965	96.5	NO	NO	1.950	NO
12	PFNA	463.0 > 41...	1.60e3	1.82e4	4.82	4.82	4.71	1.10	0.877	87.7	NO	NO	4.936	NO
13	PFOSA	498.2 > 77.9	3.09e2	3.78e3	4.89	4.89	4.77	1.02	1.12	111.6	NO	NO	219.965	YES
14	L-PFOS	499.1 > 79.9	2.53e2	3.21e3	4.90	4.90	4.79	0.985	1.11	110.7	NO	NO	2.351	NO
15	PFDA	513 > 468.8	1.92e3	2.37e4	5.20	5.20	5.09	1.01	1.04	103.7	NO	NO	8.609	NO
16	8.2 FTS	527 > 506.9	4.12e2	3.49e3	5.17	5.17	5.05	1.48	1.09	108.8	NO	NO	2.925	NO
17	PFNS	549.1 > 80.1	1.73e2	3.21e3	5.27	5.27	5.15	0.672	0.836	83.6	NO	NO	1.579	NO
18	L-MeFOSAA	570.1 > 419	4.97e2	4.19e3	5.35	5.35	5.24	1.48	0.880	88.0	NO	NO	10.671	NO
19	L-EIFOSAA	584.2 > 419	3.31e2	5.32e3	5.52	5.52	5.40	0.777	0.791	79.1	NO	NO	15.835	YES

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GM 5/28/2018

Dataset: F:\Projects\PFAS.PRO\Results\180527M1\180527M1-4.qld

Last Altered: Monday, May 28, 2018 09:41:55 Pacific Daylight Time
Printed: Monday, May 28, 2018 09:43:11 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052718.mdb 28 May 2018 09:36:27
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Name: 180527M1_4, Date: 27-May-2018, Time: 18:10:44, ID: ST180527M1-3 PFC CS0 18E2204, Description: PFC CS0 18E2204

#	Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Recovery Out	Ion Ratio	Ratio out?
1	25 PFUJA	553.0 > 51...	1.76e3	2.30e4	5.53	5.53	5.42	0.955	0.909	90.9	NO	15.474	NO
2	26 PFDS	598.8 > 80	2.04e2	2.30e4	5.58	5.58	5.46	0.111	0.863	86.3	NO	1.421	YES
3	27 PFDaA	612.9 > 56...	2.36e3	2.43e4	5.82	5.82	5.70	1.21	0.937	93.7	NO	13.135	YES
4	28 N-MeFOSA	512.1 > 16...	6.02e2	1.52e4	6.00	6.00	5.86	5.94	5.04	100.8	NO	1.470	NO
5	29 PFTdA	662.9 > 61...	2.37e3	2.43e4	6.07	6.07	5.94	1.22	0.975	97.5	NO	41.895	NO
6	30 PFTeDA	712.9 > 66...	2.13e3	2.14e4	6.29	6.29	6.16	1.24	0.977	97.7	NO	13.839	NO
7	31 N-EtFOSA	526.1 > 16...	6.56e2	2.09e4	6.40	6.40	6.27	4.70	4.97	99.4	NO	1.660	NO
8	32 PFHdA	813.1 > 76...	1.62e3	1.09e4	6.61	6.61	6.50	0.747	1.11	110.9	NO	64.499	YES
9	33 PFODA	913.1 > 86...	1.49e3	1.09e4	6.84	6.84	6.73	0.686	1.08	107.9	NO		
10	34 N-MeFOSE	616.1 > 58.9	3.38e2	1.02e4	6.54	6.54	6.42	4.96	5.21	104.2	NO		
11	35 N-EtFOSE	630.1 > 58.9	3.54e2	9.63e3	6.69	6.69	6.57	5.52	4.79	95.8	NO		
12	36 13C3-PFBA	216.1 > 17...	7.85e3	8.90e3	0.874	0.874	1.36	11.0	12.6	100.8	NO		
13	37 13C3-PFPeA	266. > 221.8	1.22e4	1.60e4	0.834	0.834	2.33	9.55	11.4	91.6	NO		
14	38 13C3-PFBS	302. > 98.8	1.48e3	1.60e4	0.101	0.101	2.61	1.15	11.5	91.7	NO		
15	39 13C2-4-2 FTS	329.2>308.9	3.43e3	1.60e4	0.238	0.238	3.02	2.68	11.2	89.9	NO		
16	40 13C2-PFHxA	315 > 269.8	4.41e3	1.60e4	0.731	0.731	3.11	3.45	4.71	94.3	NO		
17	41 13C4-PFHpA	367.2 > 32...	1.34e4	1.60e4	0.820	0.820	3.74	10.5	12.8	102.2	NO		
18	42 18O2-PFHxS	403.0 > 10...	1.18e3	2.96e3	0.429	0.429	3.89	4.97	11.6	92.5	NO		
19	43 13C2-6-2 FTS	429.1 > 40...	3.66e3	1.66e4	0.235	0.235	4.21	2.75	11.7	93.7	NO		
20	44 13C2-PFOA	414.9 > 36...	1.97e4	1.66e4	1.222	1.222	4.26	14.8	12.1	96.9	NO		
21	45 13C5-PFNA	468.2 > 42...	1.82e4	2.00e4	0.950	0.950	4.71	11.4	12.0	96.2	NO		
22	46 13C8-PFOA	506.1 > 77.7	3.78e3	2.31e4	0.190	0.190	4.77	2.04	10.8	86.2	NO		
23	47 13C8-PFOS	507.0 > 79.9	3.21e3	3.03e3	1.018	1.018	4.79	13.2	13.0	104.1	NO		
24	48 13C2-PFDA	515.1 > 46...	2.37e4	2.19e4	1.175	1.175	5.09	13.5	11.5	92.1	NO		
25	49 13C2-8-2 FTS	529.1 > 50...	3.49e3	1.60e4	0.245	0.245	5.05	2.72	11.1	88.8	NO		
26	50 d3-N-MeFOSAA	573.3 > 419	4.19e3	2.31e4	0.202	0.202	5.23	2.27	11.2	90.0	NO		
27	51 d5-N-EtFOSAA	589.3 > 419	5.32e3	2.31e4	0.242	0.242	5.39	2.88	11.9	95.0	NO		
28	52 13C2-PFUDa	565 > 519.8	2.30e4	2.31e4	1.062	1.062	5.41	12.4	11.7	93.7	NO		
29	53 13C2-PFDaA	615.0 > 56...	2.43e4	2.19e4	1.048	1.048	5.70	13.9	13.3	106.0	NO		
30	54 d3-N-MeFOSA	515.2 > 16...	1.52e4	2.31e4	0.058	0.058	5.89	8.22	142	94.6	NO		
31	55 13C2-PFTeDA	714.8 > 66...	2.14e4	2.31e4	0.871	0.871	6.16	11.6	13.3	106.4	NO		
32	56 d5-N-EtFOSA	531.1 > 16...	2.09e4	2.31e4	0.073	0.073	6.29	11.3	155	103.0	NO		GM 5/28/2018

Vista Analytical Laboratory

Dataset: F:\Projects\PFAS.PRO\Results\180527M1\180527M1-4.qld

Last Altered: Monday, May 28, 2018 09:41:55 Pacific Daylight Time

Printed: Monday, May 28, 2018 09:43:11 Pacific Daylight Time

Name: 180527M1_4, Date: 27-May-2018, Time: 18:10:44, ID: ST180527M1-3 PFC CS0 18E2204, Description: PFC CS0 18E2204

#	Name	Trace	Area	IS Area	RRF	Pred RT	RT	y Axis Resp.	Conc.	%Rec	Recovery Out	Ion Ratio	Ratio out?
33	57 13C2-PFHxDA	815 > 769.7	1.09e4	2.31e4	1.232	6.61	6.50	5.87	4.76	95.2	NO		
34	58 d7-N-MeFOSE	623.1 > 58.9	1.02e4	2.31e4	0.039	6.53	6.42	5.53	140	93.4	NO		
35	59 d9-N-EiFOSE	639.2 > 58.8	9.63e3	2.31e4	0.037	6.67	6.57	5.20	141	93.8	NO		
36	60 13C4-PFBA	217. > 171.8	8.90e3	8.90e3	1.000	1.42	1.37	12.5	12.5	100.0	NO		
37	61 13C5-PFHxA	318 > 272.9	1.60e4	1.60e4	1.000	3.19	3.11	12.5	12.5	100.0	NO		
38	62 13C3-PFHxS	401.9 > 79.9	2.96e3	2.96e3	1.000	3.99	3.89	12.5	12.5	100.0	NO		
39	63 13C8-PFOA	421.3 > 376	1.66e4	1.66e4	1.000	4.37	4.26	12.5	12.5	100.0	NO		
40	64 13C8-PFNA	472.2 > 42...	2.00e4	2.00e4	1.000	4.82	4.71	12.5	12.5	100.0	NO		
41	65 13C4-PFOS	503 > 79.9	3.03e3	3.03e3	1.000	4.90	4.79	12.5	12.5	100.0	NO		
42	66 13C6-PFDA	519.1 > 47...	2.19e4	2.19e4	1.000	5.20	5.09	12.5	12.5	100.0	NO		
43	67 13C7-PFUDa	570.1 > 52...	2.31e4	2.31e4	1.000	5.53	5.41	12.5	12.5	100.0	NO		

Visita Analytical Laboratory

Dataset: Untitled

Last Altered: Monday, May 28, 2018 12:27:23 Pacific Daylight Time
Printed: Monday, May 28, 2018 13:28:33 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052718.mdb 28 May 2018 09:36:27
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Compound name: PFBA

# Name	ID	Acq.Date	Acq.Time
1 180527M1_1	IPA	27-May-18	17:36:33
2 180527M1_2	ST180527M1-1 PFC CS-2 18E2202	27-May-18	17:47:57
3 180527M1_3	ST180527M1-2 PFC CS-1 18E2203	27-May-18	17:59:20
4 180527M1_4	ST180527M1-3 PFC CS0 18E2204 A	27-May-18	18:10:44
5 180527M1_5	ST180527M1-4 PFC CS1 18E2205	27-May-18	18:22:07
6 180527M1_6	ST180527M1-5 PFC CS2 18E2206	27-May-18	18:34:27
7 180527M1_7	ST180527M1-6 PFC CS3 18E2207	27-May-18	18:44:51
8 180527M1_8	ST180527M1-7 PFC CS4 18E2208	27-May-18	18:55:21
9 180527M1_9	ST180527M1-8 PFC CS5 18E2209	27-May-18	19:05:45
10 180527M1_10	ST180527M1-9 PFC CS6 18E2210	27-May-18	19:16:16
11 180527M1_11	ST180527M1-10 PFC CS7 18E2211	27-May-18	19:26:46
12 180527M1_12	IPA	27-May-18	19:37:10
13 180527M1_13	ICV180527M1-1 PFC 537 ICV 18E1401	27-May-18	19:47:41
14 180527M1_14	IPA	27-May-18	19:58:05
15 180527M1_15	B8E0055-MSD1 Matrix Spike Dup 0.257 ...	27-May-18	20:08:36
16 180527M1_16	B8E0071-BS1 OPR 0.125	27-May-18	20:19:01
17 180527M1_17	B8E0071-BSD1 LCSD 0.125	27-May-18	20:29:31
18 180527M1_18	B8E0071-BLK1 Method Blank 0.125	27-May-18	20:39:55
19 180527M1_19	1800815-01 REEPDW392FRB 0.11866	27-May-18	20:50:26
20 180527M1_20	1800815-02 REEPDW393FRB 0.12039	27-May-18	21:00:50
21 180527M1_21	1800815-03 REEPDW394FRB 0.12143	27-May-18	21:11:20
22 180527M1_22	1800815-04 REEPDW395FRB 0.12242	27-May-18	21:21:45
23 180527M1_23	1800815-05 REEPDW396FRB 0.1214	27-May-18	21:32:16
24 180527M1_24	1800815-06 REEPDW397FRB 0.1166	27-May-18	21:42:46
25 180527M1_25	1800815-07 REEPDW398FRB 0.11954	27-May-18	21:53:11
26 180527M1_26	1800815-08 REEPDW399FRB 0.12001	27-May-18	22:03:33
27 180527M1_27	1800815-09 REEPDW402FRB 0.11393	27-May-18	22:14:03
28 180527M1_28	1800815-10 REEPDW401FRB 0.11534	27-May-18	22:24:27
29 180527M1_29	1800815-11 REEPDW406FRB 0.11838	27-May-18	22:34:57
30 180527M1_30	1800815-12 REEPDW407FRB 0.11977	27-May-18	22:45:22
31 180527M1_31	B8E0073-BS1 OPR 0.125	27-May-18	22:55:52
32 180527M1_32	B8E0073-BSD1 LCSD 0.125	27-May-18	23:06:17

A Curve not used.

Quantify Compound Summary Report **MassLynx MassLynx V4.1 SCN945 SCN960**
Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Monday, May 28, 2018 12:27:23 Pacific Daylight Time
Printed: Monday, May 28, 2018 13:28:33 Pacific Daylight Time

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
33	180527M1_33	B8E0073-BLK1 Method Blank 0.125	27-May-18	23:16:48
34	180527M1_34	1800826-01 REEPDW422FRB 0.10903	27-May-18	23:27:12
35	180527M1_35	1800826-02 REEPDW423FRB 0.11441	27-May-18	23:37:43
36	180527M1_36	1800826-03 REEPDW427FRB 0.11894	27-May-18	23:48:13
37	180527M1_37	1800826-04 REEPDW428FRB 0.10954	27-May-18	23:58:38
38	180527M1_38	1800826-05 REEPDW410FRB 0.11845	28-May-18	00:09:08
39	180527M1_39	1800826-06 REEPDW412FRB 0.12128	28-May-18	00:19:33
40	180527M1_40	1800826-07 REEPDW414FRB 0.12082	28-May-18	00:30:03
41	180527M1_41	1800826-08 REEPDW415FRB 0.12014	28-May-18	00:40:29
42	180527M1_42	1800826-09 REEPDW416FRB 0.12333	28-May-18	00:50:59
43	180527M1_43	1800826-10 REEPDW424FRB 0.12121	28-May-18	01:01:24
44	180527M1_44	1800826-11 REEPDW425FRB 0.11109	28-May-18	01:11:54
45	180527M1_45	1800826-14 REEPDW435FRB 0.11259	28-May-18	01:22:19
46	180527M1_46	1800826-15 REEPDW436FRB 0.12188	28-May-18	01:32:50
47	180527M1_47	1800826-17 REEPDW439FRB 0.11518	28-May-18	01:43:20
48	180527M1_48	1800826-18 REEPDW426FRB 0.11245	28-May-18	01:53:45
49	180527M1_49	1800826-19 REEPDW429FRB 0.11144	28-May-18	02:04:16
50	180527M1_50	B8E0075-BS1 OPR 0.125	28-May-18	02:14:41
51	180527M1_51	B8E0075-BSD1 LCSD 0.125	28-May-18	02:25:11
52	180527M1_52	B8E0075-BLK1 Method Blank 0.125	28-May-18	02:35:36
53	180527M1_53	1800837-01 REEPDW417FRB 0.11934	28-May-18	02:46:06
54	180527M1_54	1800837-02 REEPDW419FRB 0.11811	28-May-18	02:56:32
55	180527M1_55	1800837-03 REEPDW420FRB 0.11716	28-May-18	03:07:02
56	180527M1_56	1800837-04 REEPDW421FRB 0.11821	28-May-18	03:17:27
57	180527M1_57	1800837-05 REEPDW418FRB 0.12163	28-May-18	03:27:57
58	180527M1_58	1800837-06 REEPDW413FRB 0.11986	28-May-18	03:38:21
59	180527M1_59	1800837-07 REEPDW406FRB 0.11915	28-May-18	03:48:52
60	180527M1_60	1800837-08 REEPDW403FRB 0.12071	28-May-18	03:59:22
61	180527M1_61	1800837-09 REEPDW404FRB 0.12156	28-May-18	04:09:48
62	180527M1_62	1800837-10 REEPDW405FRB 0.12147	28-May-18	04:20:18
63	180527M1_63	1800837-11 REEPDW408FRB 0.12515	28-May-18	04:30:48
64	180527M1_64	1800837-13 REEPDW411FRB 0.12134	28-May-18	04:41:13
65	180527M1_65	1800859-01 BP-MH-SW4001-South-20...	28-May-18	04:51:43
66	180527M1_66	1800859-02 BP-TT-SW4002-20180501 ...	28-May-18	05:02:08
67	180527M1_67	1800859-03 BP-DUP06-20180501 0.26...	28-May-18	05:12:39
68	180527M1_68	1800859-04 BP-EB04-20180501 0.26058	28-May-18	05:23:03

Dataset: Untitled

Last Altered: Monday, May 28, 2018 12:27:23 Pacific Daylight Time
Printed: Monday, May 28, 2018 13:28:33 Pacific Daylight Time

Compound name: PFBA

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69	180527M1_69	IPA	28-May-18	05:33:34
70	180527M1_70	ST180527M1-11 PFC CS3 18E2207	28-May-18	05:43:59
71	180527M1_71	ST180527M1-12 PFC CS0 18E2204	28-May-18	05:54:21
72	180527M1_72	IPA	28-May-18	06:04:51
73	180527M1_73	B8E0077-BS1 OPR 0.125	28-May-18	06:15:22
74	180527M1_74	B8E0077-BS1 LCSD 0.125	28-May-18	06:25:47
75	180527M1_75	B8E0077-BLK1 Method Blank 0.125	28-May-18	06:36:17
76	180527M1_76	1800856-01 REEPDW430FRB 0.1183	28-May-18	06:46:41
77	180527M1_77	1800856-02 REEPDW431FRB 0.11243	28-May-18	06:57:12
78	180527M1_78	B8E0106-BS1 OPR 0.25	28-May-18	07:07:42
79	180527M1_79	B8E0106-BLK1 Method Blank 0.25	28-May-18	07:18:06
80	180527M1_80	1800897-01 TGITMW318180502N 0.25...	28-May-18	07:28:37
81	180527M1_81	1800906-01 BD-01 0.26521	28-May-18	07:39:01
82	180527M1_82	1800906-02 Field Blank 0507 0.26529	28-May-18	07:49:31
83	180527M1_83	1800906-03 Field Blank 0508 0.25739	28-May-18	08:00:01
84	180527M1_84	1800906-04 TB 0507 0.25846	28-May-18	08:10:26
85	180527M1_85	1800906-05 MW-5 0.25719	28-May-18	08:20:56
86	180527M1_86	1800906-06 MW-6 0.25896	28-May-18	08:31:26
87	180527M1_87	1800906-07 MW-12 0.27	28-May-18	08:41:51
88	180527M1_88	1800906-08 MW-14 0.26548	28-May-18	08:52:21
89	180527M1_89	1800906-09 MW-11 0.2707	28-May-18	09:02:46
90	180527M1_90	1800906-10 CB-W2 0.2655	28-May-18	09:13:16
91	180527M1_91	1800907-01 9th Ave Bank 0.26786	28-May-18	09:23:41
92	180527M1_92	IPA	28-May-18	09:34:11
93	180527M1_93	ST180527M1-13 PFC CS3 18E2207	28-May-18	09:44:36
94	180527M1_94	IPA	28-May-18	09:55:06
95	180527M1_95	1800907-02 9th Ave Culvert S 0.27479	28-May-18	10:05:36
96	180527M1_96	1800907-03 9th Ave Culvert Deep 0.272...	28-May-18	10:16:01
97	180527M1_97	1800907-04 3rd + Carter 0.25475	28-May-18	10:26:31
98	180527M1_98	1800907-05 BD-02 0.26462	28-May-18	10:37:01
99	180527M1_99	1800907-06 BD-03 0.25331	28-May-18	10:47:26
100	180527M1_100	1800907-07 EB 0507 0.25164	28-May-18	10:57:56
101	180527M1_101	1800907-08 EB 0508 0.25713	28-May-18	11:08:26
102	180527M1_102	IPA	28-May-18	11:18:51
103	180527M1_103	ST180527M1-14 PFC CS3 18E2207	28-May-18	11:29:21
104	180527M1_104	IPA	28-May-18	11:39:46

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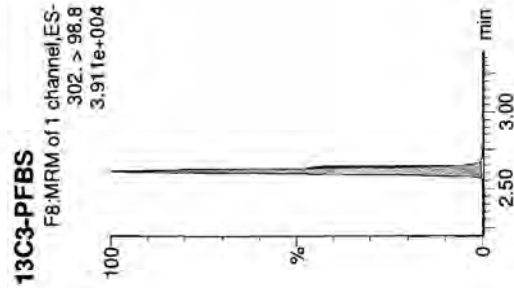
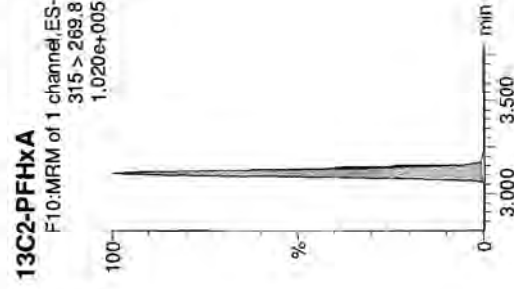
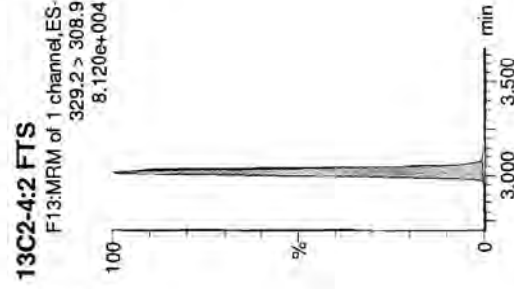
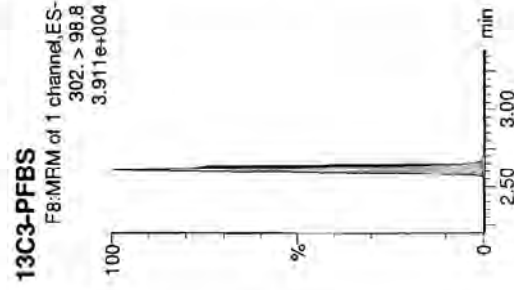
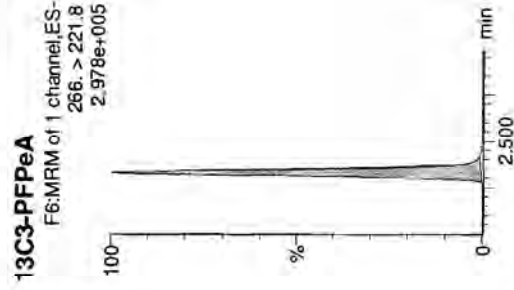
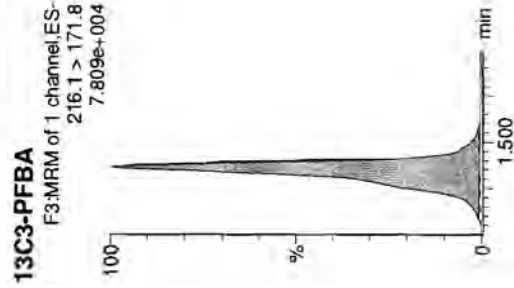
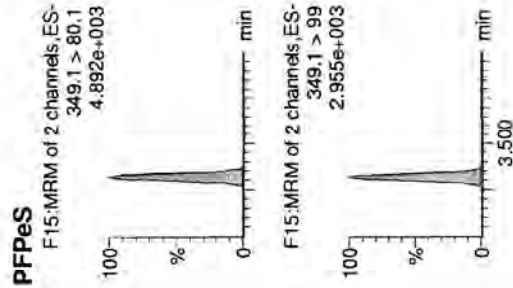
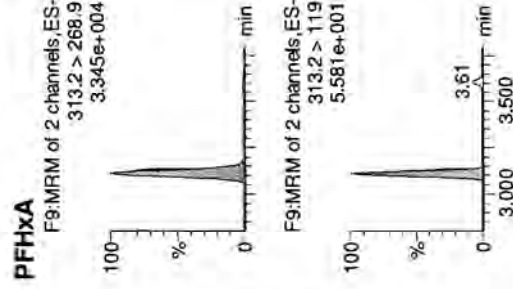
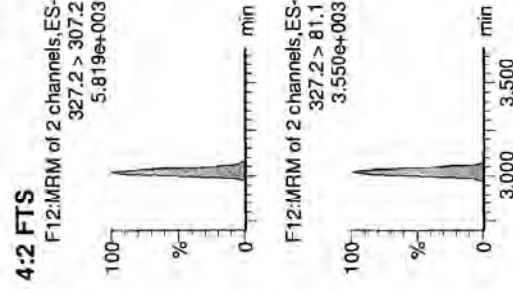
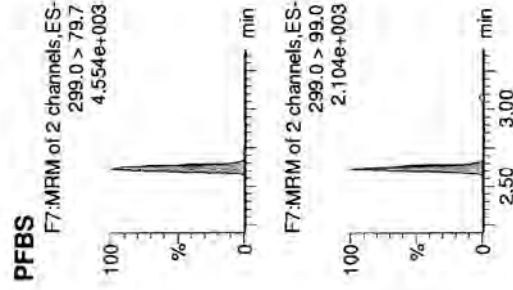
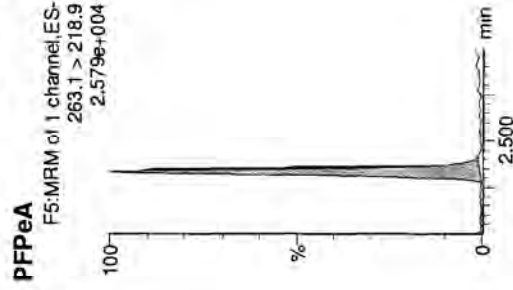
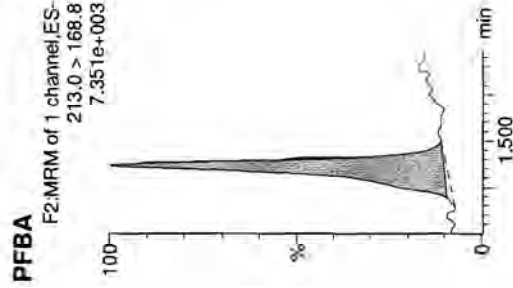
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Printed: Monday, May 28, 2018 09:43:11 Pacific Daylight Time

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Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

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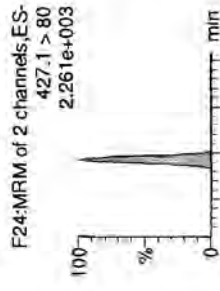
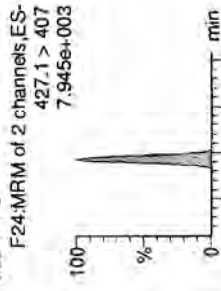
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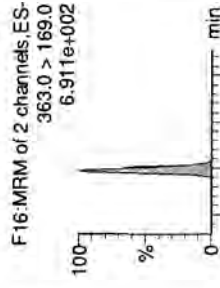
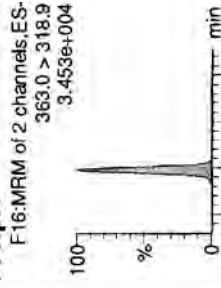
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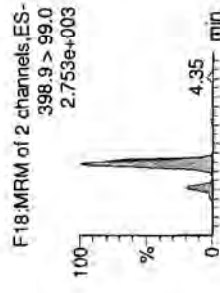
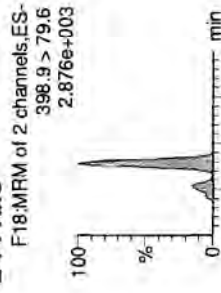
6:2 FTS



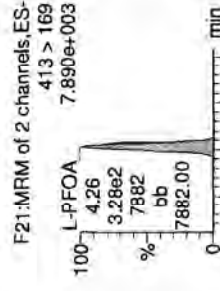
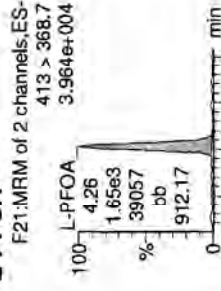
PFHpA



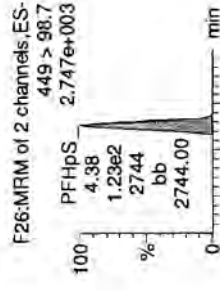
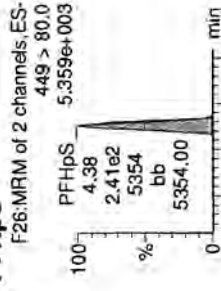
L-PFHxS



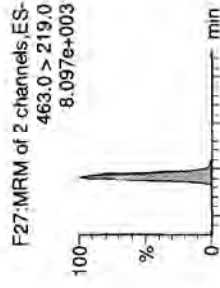
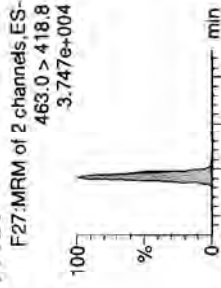
L-PFOA



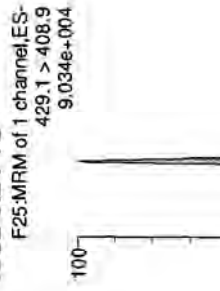
PFHpS



PFNA



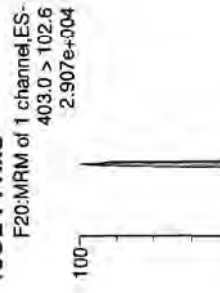
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13C4-PFHpA



18O2-PFHxS



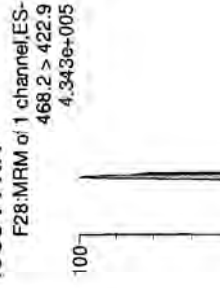
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13C2-PFOA



13C5-PFNA

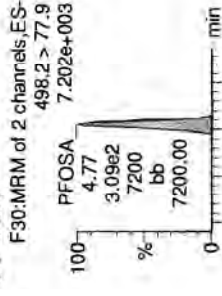


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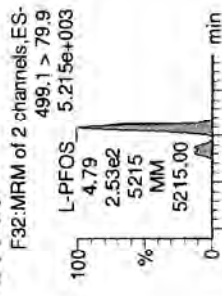
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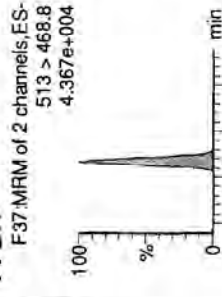
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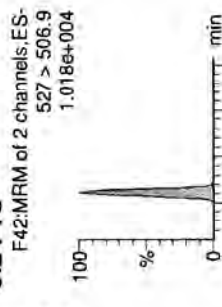
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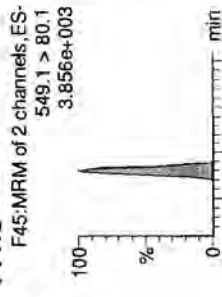
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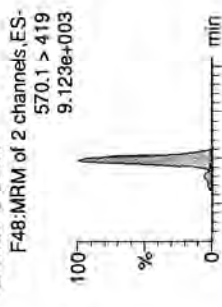
8:2 FTS



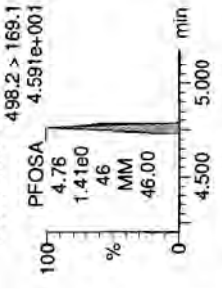
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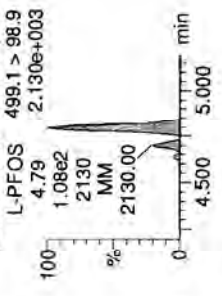
L-MeFOSAA



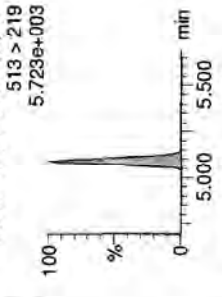
PFOSA



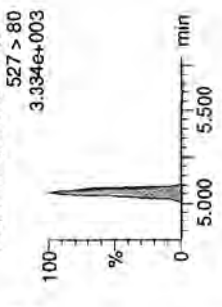
L-PFOS



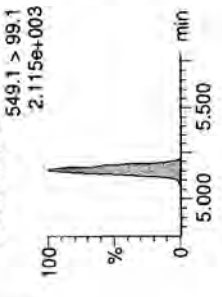
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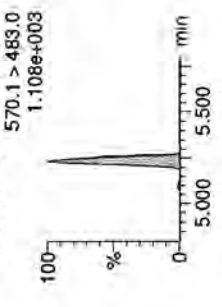
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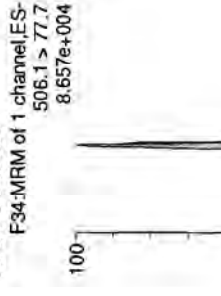
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L-MeFOSAA



13C8-PFOSA



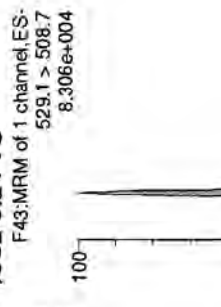
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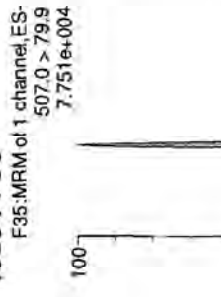
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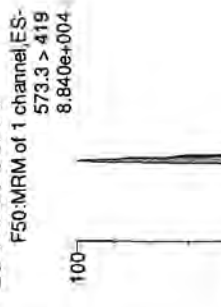
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA



Dataset: F:\Projects\PFAS.PRO\Results\180527M1\180527M1-4.qld

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Printed: Monday, May 28, 2018 09:43:11 Pacific Daylight Time

Name: 180527M1_4, Date: 27-May-2018, Time: 18:10:44, ID: ST180527M1-3 PFC CS0 18E2204, Description: PFC CS0 18E2204

L-EiFOSAA

F51:MRM of 2 channels,ES-

584.2 > 419

6.845e+003

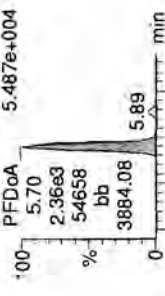


PFDoA

F54:MRM of 4 channels,ES-

612.9 > 569.0

5.487e+004



PFDS

F53:MRM of 2 channels,ES-

598.8 > 80

5.239e+003



PFUdA

F46:MRM of 2 channels,ES-

563.0 > 518.9

3.974e+004



N-MeFOSA

F36:MRM of 2 channels,ES-

512.1 > 168.9

1.315e+004



PFTrDA

F60:MRM of 2 channels,ES-

662.9 > 618.9

5.404e+004



d5-N-EiFOSAA

F52:MRM of 1 channel,ES-

589.3 > 419

1.205e+005



13C2-PFDoA

F55:MRM of 2 channels,ES-

615.0 > 569.7

5.652e+005



13C2-PFUdA

F47:MRM of 1 channel,ES-

565 > 519.8

5.348e+005



13C2-PFUDa

F47:MRM of 1 channel,ES-

565 > 519.8

5.348e+005



d3-N-MeFOSA

F39:MRM of 1 channel,ES-

515.2 > 168.9

3.196e+005



13C2-PFDoA

F55:MRM of 2 channels,ES-

615.0 > 569.7

5.652e+005

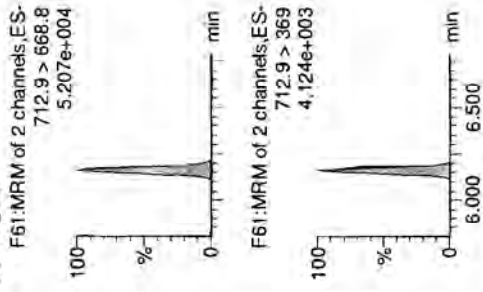


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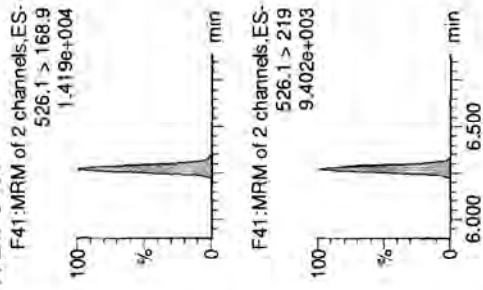
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Printed: Monday, May 28, 2018 09:43:11 Pacific Daylight Time

Name: 180527M1_4, Date: 27-May-2018, Time: 18:10:44, ID: ST180527M1-3 PFC CS0 18E2204, Description: PFC CS0 18E2204

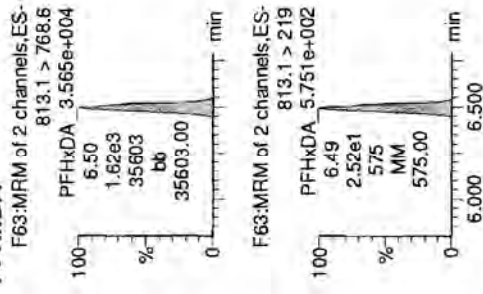
PFTeDA



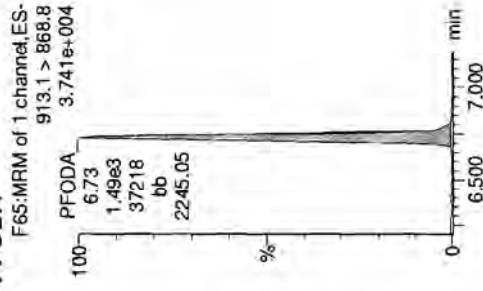
N-EtFOSE



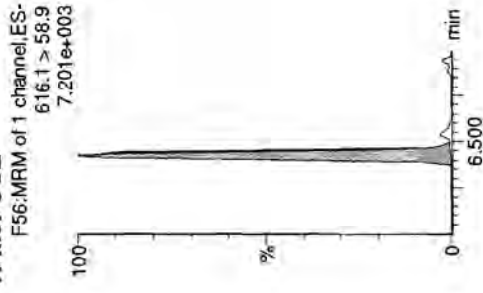
PFHxDA



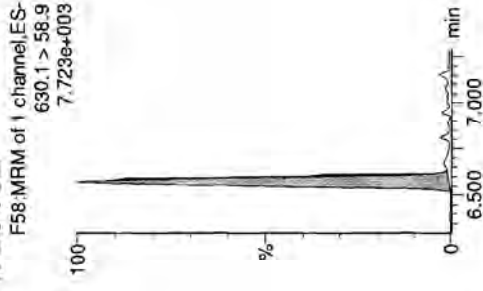
PFODA



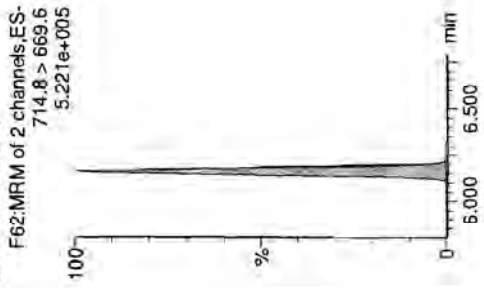
N-MeFOSE



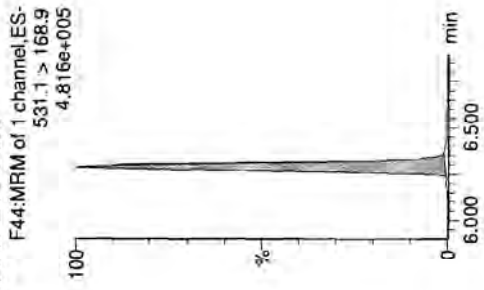
N-EtFOSE



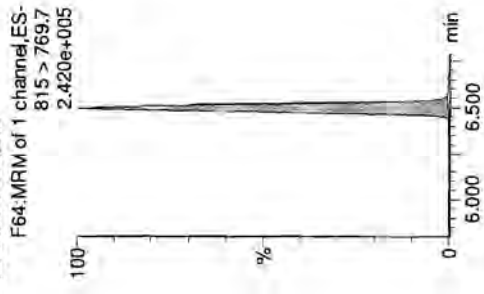
13C2-PFTeDA



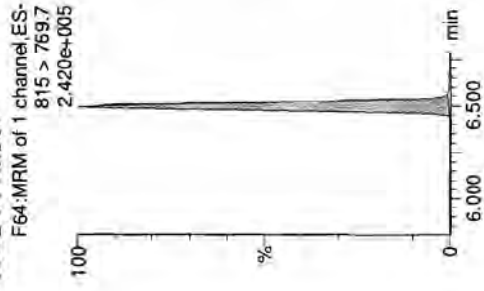
d5-N-EtFOSE



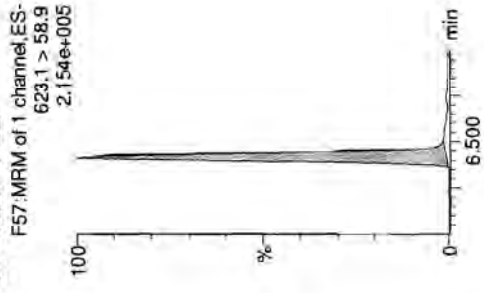
13C2-PFHxDA



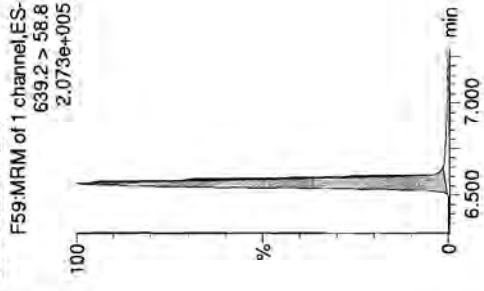
13C2-PFHxDA



d7-N-MeFOSE



d9-N-EtFOSE



Vista Analytical Laboratory

Dataset: F:\Projects\PFAS.PRO\Results\180527M1\180527M1-4.qld

Last Altered: Monday, May 28, 2018 09:41:55 Pacific Daylight Time
Printed: Monday, May 28, 2018 09:43:11 Pacific Daylight Time

Name: 180527M1_4, Date: 27-May-2018, Time: 18:10:44, ID: ST180527M1-3 PFC CS0 18E2204, Description: PFC CS0 18E2204

13C4-PFBA

F4.MRM of 1 channel, ES-

217. > 171.8

8.668e+004

min

1.500

100

%

13C5-PFHxA

F11.MRM of 1 channel, ES-

318 > 272.9

3.820e+005

min

3.500

100

%

13C3-PFHxS

F19.MRM of 1 channel, ES-

401.9 > 79.9

7.319e+004

min

4.000

100

%

13C8-PFOA

F23.MRM of 1 channel, ES-

421.3 > 376

4.025e+005

min

4.500

100

%

13C9-PFNA

F29.MRM of 1 channel, ES-

472.2 > 426.9

4.779e+005

min

5.000

100

%

13C4-PFOS

F33.MRM of 1 channel, ES-

503 > 79.9

7.299e+004

min

5.000

100

%

13C6-PFDA

F40.MRM of 1 channel, ES-

519.1 > 473.7

4.990e+005

min

5.500

100

%

13C7-PFUDA

F49.MRM of 1 channel, ES-

570.1 > 524.8

5.275e+005

min

6.000

100

%

Quantify Sample Summary Report **MassLynx V4.1 SCN945 SCN960**
 Vista Analytical Laboratory

Dataset: F:\Projects\PFAS.PRO\Results\180527M1\180527M1-70.qld

Last Altered: Monday, May 28, 2018 09:46:59 Pacific Daylight Time
 Printed: Monday, May 28, 2018 09:47:10 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052718.mdb 28 May 2018 09:36:27
 Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Name: 180527M1_70, Date: 28-May-2018, Time: 05:43:59, ID: ST180527M1-11 PFC CS3 18E2207, Description: PFC CS3 18E2207

#	Name	Trace	Area	IS Area	RRF	Pred RT	RT	y Axis Resp.	Conc.	%Rec.	Recovery Out	Ion Ratio	Ratio out?
1	PFBA	213.0 > 16...	7.16e3	8.59e3	1.34	1.34	1.34	10.4	9.66	96.6	NO		
2	PFPeA	263.1 > 21...	1.22e4	1.49e4	2.32	2.32	2.32	10.2	10.3	102.9	NO		
3	PFBS	299.0 > 79.7	2.88e3	1.89e3	2.61	2.61	2.61	19.7	10.2	102.1	NO	2.559	NO
4	4 4:2 FTS	327.2>307.2	3.32e3	4.12e3	3.02	3.02	3.02	10.1	10.4	104.4	NO	1.895	NO
5	5 PFHxA	313.2 > 26...	1.84e4	5.29e3	3.11	3.11	3.11	15.5	10.7	106.6	NO	447.705	YES
6	6 PFPeS	349.1>80.1	2.84e3	1.89e3	3.33	3.33	3.31	19.4	10.6	105.9	NO	1.757	NO
7	7 PFHpA	363.0 > 31...	1.46e4	1.48e4	3.73	3.73	3.73	12.3	10.4	104.0	NO	24.671	NO
8	8 L-PFHxS	398.9 > 79.6	2.15e3	1.53e3	3.91	3.89	3.89	17.7	10.4	104.2	NO	1.556	NO
9	10 6:2 FTS	427.1 > 407	3.70e3	4.43e3	4.31	4.20	4.20	10.4	10.3	103.0	NO	3.397	NO
10	11 L-PFOA	413 > 368.7	1.90e4	2.52e4	4.40	4.26	4.26	9.40	9.42	94.2	NO	4.610	NO
11	13 PFHpS	449 > 80.0	3.00e3	2.52e4	4.48	4.38	4.38	1.49	9.24	92.4	NO	1.991	NO
12	14 PFNA	463.0 > 41...	2.06e4	2.19e4	4.82	4.70	4.70	11.7	9.68	96.8	NO	5.246	NO
13	15 PFOSA	498.2 > 77.9	3.48e3	4.45e3	4.89	4.77	4.77	9.76	10.9	109.2	NO	33.969	NO
14	16 L-PFOS	499.1 > 79.9	2.85e3	4.02e3	4.90	4.79	4.79	8.87	10.1	100.5	NO	1.768	NO
15	18 PFDA	513 > 468.8	2.28e4	2.45e4	5.20	5.08	5.08	11.6	11.5	114.5	NO	6.602	NO
16	19 8:2 FTS	527 > 506.9	4.06e3	3.95e3	5.17	5.05	5.05	12.9	9.64	96.4	NO	2.658	NO
17	20 PFNS	549.1>80.1	2.46e3	4.02e3	5.27	5.14	5.14	7.66	9.90	99.0	NO	1.689	NO
18	21 L-MeFOSAA	570.1 > 419	7.26e3	5.75e3	5.35	5.23	5.23	15.8	8.96	89.6	NO	11.423	NO
19	23 L-EtFOSAA	584.2 > 419	5.66e3	6.48e3	5.52	5.39	5.39	10.9	11.0	109.9	NO	12.670	NO

✓ 180527M1-70
 180527M1-70

Dataset: F:\Projects\PFAS.PRO\Results\180527M1\180527M1-70.qld

Last Altered: Monday, May 28, 2018 09:46:59 Pacific Daylight Time
Printed: Monday, May 28, 2018 09:47:16 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052718.mdb 28 May 2018 09:36:27
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Name: 180527M1_70, Date: 28-May-2018, Time: 05:43:59, ID: ST180527M1-11 PFC CS3 18E2207, Description: PFC CS3 18E2207

#	Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec.	Recovery Out	Ion Ratio	Ratio out?
1	25 PFUdA	563.0 > 51...	2.25e4	3.12e4		5.53	5.40	9.01	8.40	84.0	NO	16.176	NO
2	26 PFDS	598.8 > 80	3.09e3	3.12e4		5.58	5.45	1.24	8.36	83.6	NO	2.077	NO
3	27 PFDoA	612.9 > 56...	2.55e4	2.55e4		5.82	5.69	12.5	10.4	104.3	NO	8.985	NO
4	28 N-MeFOSA	512.1 > 16...	6.52e3	1.73e4		6.00	5.85	56.5	49.2	98.3	NO	1.325	NO
5	29 PFTrDA	662.9 > 61...	2.75e4	2.55e4		6.07	5.94	13.4	10.5	104.7	NO	30.451	NO
6	30 PFTeDA	712.9 > 66...	2.16e4	2.25e4		6.29	6.16	12.0	9.76	97.6	NO	11.875	NO
7	31 N-EtFOSA	526.1 > 16...	7.64e3	2.51e4		6.40	6.26	45.7	49.0	98.0	NO	1.398	NO
8	32 PFHxDA	813.1 > 76...	1.62e4	1.27e4		6.61	6.49	6.37	10.3	103.1	NO	45.608	NO
9	33 PFODA	913.1 > 86...	1.85e4	1.27e4		6.84	6.72	7.28	11.4	114.3	NO		
10	34 N-MeFOSE	616.1 > 58.9	3.83e3	1.18e4		6.54	6.42	48.8	51.4	102.8	NO		
11	35 N-EtFOSE	630.1 > 58.9	4.43e3	1.18e4		6.69	6.56	56.2	49.2	98.5	NO		
12	36 13C3-PFBA	216.1 > 17...	8.59e3	9.64e3	0.874	1.42	1.34	11.1	12.7	101.9	NO		
13	37 13C3-PFPeA	266. > 221.8	1.49e4	1.86e4	0.834	2.40	2.32	10.0	12.0	96.2	NO		
14	38 13C3-PFBS	302. > 98.8	1.83e3	1.86e4	0.101	2.68	2.61	1.23	12.2	97.5	NO		
15	39 13C2-4:2 FTS	329.2>308.9	4.12e3	1.86e4	0.238	3.10	3.02	2.77	11.6	92.9	NO		
16	40 13C2-PFHxA	315 > 289.8	5.29e3	1.86e4	0.731	3.19	3.11	3.56	4.87	97.4	NO		
17	41 13C4-PFHpA	367.2 > 32...	1.48e4	1.86e4	0.820	3.83	3.73	9.97	12.2	97.3	NO		
18	42 18O2-PFHxS	403.0 > 10...	1.53e3	3.58e3	0.429	3.99	3.89	5.33	12.4	99.3	NO		
19	43 13C2-6:2 FTS	429.1 > 40...	4.43e3	2.18e4	0.235	4.31	4.20	2.54	10.8	86.6	NO		
20	44 13C2-PFOA	414.9 > 36...	2.52e4	2.18e4	1.222	4.37	4.26	14.5	11.8	94.7	NO		
21	45 13C5-PFNA	468.2 > 42...	2.19e4	2.48e4	0.950	4.82	4.70	11.0	11.6	93.0	NO		
22	46 13C8-PFOA	506.1 > 77.7	4.45e3	2.94e4	0.190	4.89	4.77	1.90	9.99	79.9	NO		
23	47 13C8-PFOS	507.0 > 79.9	4.02e3	3.79e3	1.018	4.90	4.79	13.2	13.0	104.2	NO		
24	48 13C2-PFDA	515.1 > 46...	2.45e4	2.55e4	1.175	5.20	5.08	12.0	10.2	81.9	NO		
25	49 13C2-8:2 FTS	529.1 > 50...	3.95e3	1.86e4	0.245	5.17	5.05	2.66	10.8	86.6	NO		
26	50 d3-N-MeFOSAA	573.3 > 419	5.76e3	2.94e4	0.202	5.35	5.23	2.45	12.2	97.4	NO		
27	51 d5-N-EtFOSAA	589.3 > 419	6.48e3	2.94e4	0.242	5.51	5.39	2.76	11.4	91.0	NO		
28	52 13C2-PFUdA	565 > 519.8	3.12e4	2.94e4	1.062	5.53	5.40	13.3	12.5	100.0	NO		
29	53 13C2-PFDoA	615.0 > 56...	2.55e4	2.55e4	1.048	5.82	5.69	12.5	12.0	95.7	NO		
30	54 d3-N-MeFOSA	515.2 > 16...	1.73e4	2.94e4	0.058	6.02	5.88	7.37	127	84.7	NO		
31	55 13C2-PFTeDA	714.8 > 66...	2.25e4	2.94e4	0.871	6.29	6.16	9.56	11.0	87.8	NO		
32	56 d5-N-EtFOSA	531.1 > 16...	2.51e4	2.94e4	0.073	6.41	6.28	10.7	146	97.3	NO		

Dataset: F:\Projects\PFAS.PRO\Results\180527M1\180527M1-70.qld

Last Altered: Monday, May 28, 2018 09:46:59 Pacific Daylight Time
Printed: Monday, May 28, 2018 09:47:16 Pacific Daylight Time

Name: 180527M1_70, Date: 28-May-2018, Time: 05:43:59, ID: ST180527M1-11 PFC CS3 18E2207, Description: PFC CS3 18E2207

	#	Name	Trace	Area	IS Area	RRF	PredRT	RT	y Axis Resp.	Conc.	%Rec	Recovery Out	Ion Ratio	Ratio out?
33	57	13C2-PFHxDA	815 > 769.7	1.27e4	2.94e4	1.232	6.61	6.49	5.40	4.39	87.7	NO		
34	58	d7-N-MeFOSE	623.1 > 58.9	1.18e4	2.94e4	0.039	6.53	6.41	5.01	127	84.6	NO		
35	59	d9-N-EFOSE	639.2 > 58.8	1.18e4	2.94e4	0.037	6.67	6.56	5.03	136	90.6	NO		
36	60	13C4-PFBA	217. > 171.8	9.64e3	9.64e3	1.000	1.42	1.34	12.5	12.5	100.0	NO		
37	61	13C5-PFHxA	318 > 272.9	1.86e4	1.86e4	1.000	3.19	3.11	12.5	12.5	100.0	NO		
38	62	13C3-PFHxS	401.9 > 79.9	3.58e3	3.58e3	1.000	3.99	3.89	12.5	12.5	100.0	NO		
39	63	13C8-PFOA	421.3 > 376	2.18e4	2.18e4	1.000	4.37	4.26	12.5	12.5	100.0	NO		
40	64	13C9-PFNA	472.2 > 42...	2.48e4	2.48e4	1.000	4.82	4.70	12.5	12.5	100.0	NO		
41	65	13C4-PFOS	503 > 79.9	3.79e3	3.79e3	1.000	4.90	4.79	12.5	12.5	100.0	NO		
42	66	13C6-PFDA	519.1 > 47...	2.55e4	2.55e4	1.000	5.20	5.08	12.5	12.5	100.0	NO		
43	67	13C7-PFUDA	570.1 > 52...	2.94e4	2.94e4	1.000	5.53	5.40	12.5	12.5	100.0	NO		

Dataset: Untitled

Last Altered: Monday, May 28, 2018 12:27:23 Pacific Daylight Time
Printed: Monday, May 28, 2018 13:28:33 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052718.mdb 28 May 2018 09:36:27
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
1	180527M1_1	IPA	27-May-18	17:36:33
2	180527M1_2	ST180527M1-1 PFC CS-2 18E2202	27-May-18	17:47:57
3	180527M1_3	ST180527M1-2 PFC CS-1 18E2203	27-May-18	17:59:20
4	180527M1_4	ST180527M1-3 PFC CS0 18E2204 A	27-May-18	18:10:44
5	180527M1_5	ST180527M1-4 PFC CS1 18E2205	27-May-18	18:22:07
6	180527M1_6	ST180527M1-5 PFC CS2 18E2206	27-May-18	18:34:27
7	180527M1_7	ST180527M1-6 PFC CS3 18E2207	27-May-18	18:44:51
8	180527M1_8	ST180527M1-7 PFC CS4 18E2208	27-May-18	18:55:21
9	180527M1_9	ST180527M1-8 PFC CS5 18E2209	27-May-18	19:05:45
10	180527M1_10	ST180527M1-9 PFC CS6 18E2210	27-May-18	19:16:16
11	180527M1_11	ST180527M1-10 PFC CS7 18E2211	27-May-18	19:26:46
12	180527M1_12	IPA	27-May-18	19:37:10
13	180527M1_13	ICV180527M1-1 PFC 537 ICV 18E1401	27-May-18	19:47:41
14	180527M1_14	IPA	27-May-18	19:58:06
15	180527M1_15	B8E0055-MSC1 Matrix Spike Dup 0.257...	27-May-18	20:08:36
16	180527M1_16	B8E0071-BS1 OPR 0.125	27-May-18	20:19:01
17	180527M1_17	B8E0071-BSD1 LCSD 0.125	27-May-18	20:29:31
18	180527M1_18	B8E0071-BLK1 Method Blank 0.125	27-May-18	20:39:55
19	180527M1_19	1800815-01 REEPDW392FRB 0.11866	27-May-18	20:50:26
20	180527M1_20	1800815-02 REEPDW393FRB 0.12039	27-May-18	21:00:50
21	180527M1_21	1800815-03 REEPDW394FRB 0.12143	27-May-18	21:11:20
22	180527M1_22	1800815-04 REEPDW395FRB 0.12242	27-May-18	21:21:45
23	180527M1_23	1800815-05 REEPDW396FRB 0.1214	27-May-18	21:32:16
24	180527M1_24	1800815-06 REEPDW397FRB 0.1166	27-May-18	21:42:46
25	180527M1_25	1800815-07 REEPDW398FRB 0.11954	27-May-18	21:53:11
26	180527M1_26	1800815-08 REEPDW399FRB 0.12001	27-May-18	22:03:33
27	180527M1_27	1800815-09 REEPDW402FRB 0.11393	27-May-18	22:14:03
28	180527M1_28	1800815-10 REEPDW401FRB 0.11534	27-May-18	22:24:27
29	180527M1_29	1800815-11 REEPDW406FRB 0.11838	27-May-18	22:34:57
30	180527M1_30	1800815-12 REEPDW407FRB 0.11977	27-May-18	22:45:22
31	180527M1_31	B8E0073-BS1 OPR 0.125	27-May-18	22:55:52
32	180527M1_32	B8E0073-BSD1 LCSD 0.125	27-May-18	23:06:17

A curve not used.

Quantify Compound Summary Report MassLynx MassLynx V4.1 SCN945 SCN960

Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Monday, May 28, 2018 12:27:23 Pacific Daylight Time

Printed: Monday, May 28, 2018 13:28:33 Pacific Daylight Time

Compound name: PFBA

#	Name	ID	Acq. Date	Acq. Time
33	180527M1_33	B8E0073-BLK1 Method Blank 0.125	27-May-18	23:16:48
34	180527M1_34	1800826-01 REEPDW422FRB 0.10903	27-May-18	23:27:12
35	180527M1_35	1800826-02 REEPDW423FRB 0.11441	27-May-18	23:37:43
36	180527M1_36	1800826-03 REEPDW427FRB 0.11894	27-May-18	23:48:13
37	180527M1_37	1800826-04 REEPDW428FRB 0.10954	27-May-18	23:58:38
38	180527M1_38	1800826-05 REEPDW410FRB 0.11845	28-May-18	00:09:08
39	180527M1_39	1800826-06 REEPDW412FRB 0.12128	28-May-18	00:19:33
40	180527M1_40	1800826-07 REEPDW414FRB 0.12082	28-May-18	00:30:03
41	180527M1_41	1800826-08 REEPDW415FRB 0.12014	28-May-18	00:40:29
42	180527M1_42	1800826-09 REEPDW416FRB 0.12333	28-May-18	00:50:59
43	180527M1_43	1800826-10 REEPDW424FRB 0.12121	28-May-18	01:01:24
44	180527M1_44	1800826-11 REEPDW425FRB 0.11109	28-May-18	01:11:54
45	180527M1_45	1800826-14 REEPDW435FRB 0.11259	28-May-18	01:22:19
46	180527M1_46	1800826-15 REEPDW436FRB 0.12188	28-May-18	01:32:50
47	180527M1_47	1800826-17 REEPDW439FRB 0.11518	28-May-18	01:43:20
48	180527M1_48	1800826-18 REEPDW426FRB 0.11245	28-May-18	01:53:45
49	180527M1_49	1800826-19 REEPDW429FRB 0.11144	28-May-18	02:04:16
50	180527M1_50	B8E0075-BS1 OPR 0.125	28-May-18	02:14:41
51	180527M1_51	B8E0075-BS1 LCSD 0.125	28-May-18	02:25:11
52	180527M1_52	B8E0075-BLK1 Method Blank 0.125	28-May-18	02:35:36
53	180527M1_53	1800837-01 REEPDW417FRB 0.11934	28-May-18	02:46:06
54	180527M1_54	1800837-02 REEPDW419FRB 0.11811	28-May-18	02:56:32
55	180527M1_55	1800837-03 REEPDW420FRB 0.11716	28-May-18	03:07:02
56	180527M1_56	1800837-04 REEPDW421FRB 0.11821	28-May-18	03:17:27
57	180527M1_57	1800837-05 REEPDW418FRB 0.12163	28-May-18	03:27:57
58	180527M1_58	1800837-06 REEPDW413FRB 0.11986	28-May-18	03:38:21
59	180527M1_59	1800837-07 REEPDW400FRB 0.11915	28-May-18	03:48:52
60	180527M1_60	1800837-08 REEPDW403FRB 0.12071	28-May-18	03:59:22
61	180527M1_61	1800837-09 REEPDW404FRB 0.12156	28-May-18	04:09:48
62	180527M1_62	1800837-10 REEPDW405FRB 0.12147	28-May-18	04:20:18
63	180527M1_63	1800837-11 REEPDW408FRB 0.12515	28-May-18	04:30:48
64	180527M1_64	1800837-13 REEPDW411FRB 0.12134	28-May-18	04:41:13
65	180527M1_65	1800859-01 BP-MH-SW4001-South-20...	28-May-18	04:51:43
66	180527M1_66	1800859-02 BP-TT-SW4002-20180501 ...	28-May-18	05:02:08
67	180527M1_67	1800859-03 BP-DUP06-20180501 0.26...	28-May-18	05:12:39
68	180527M1_68	1800859-04 BP-EB04-20180501 0.26058	28-May-18	05:23:03

Quantify Compound Summary Report **MassLynx MassLynx V4.1 SCN945 SCN960**
 Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Monday, May 28, 2018 12:27:23 Pacific Daylight Time
 Printed: Monday, May 28, 2018 13:28:33 Pacific Daylight Time

Compound name: PFBA

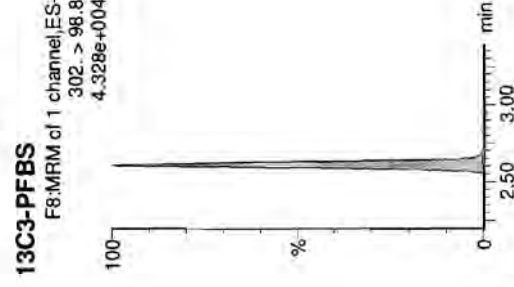
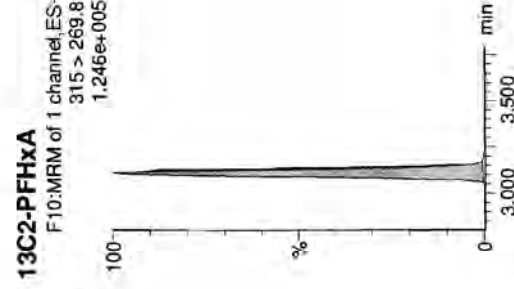
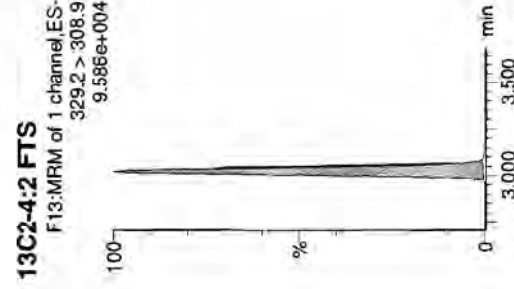
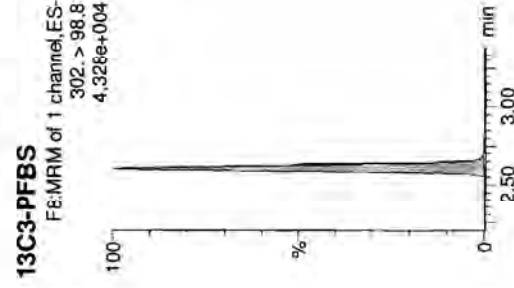
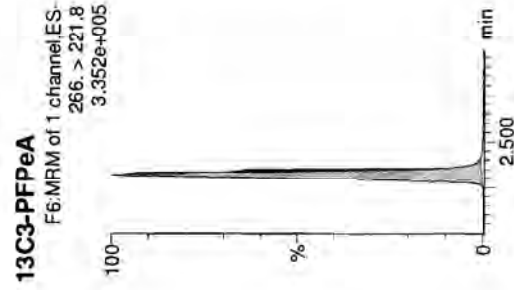
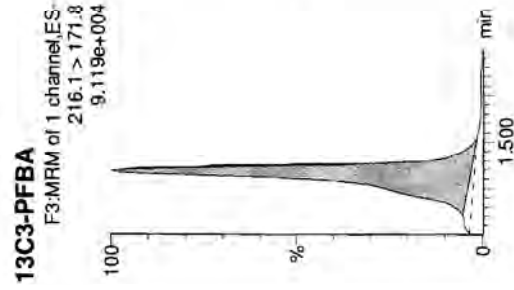
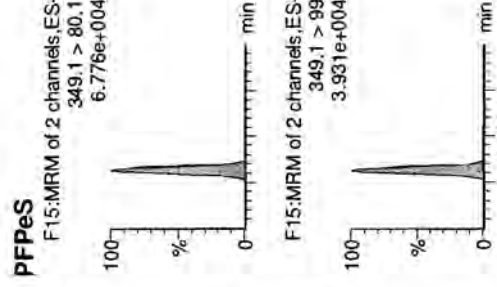
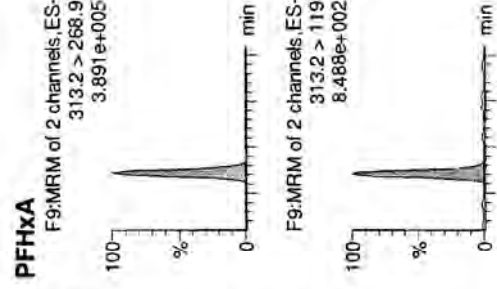
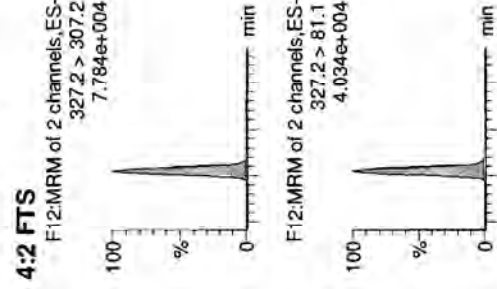
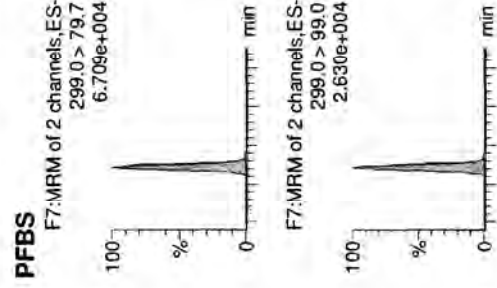
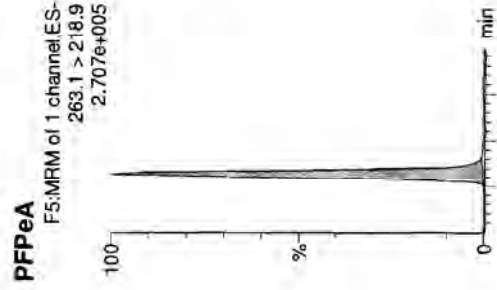
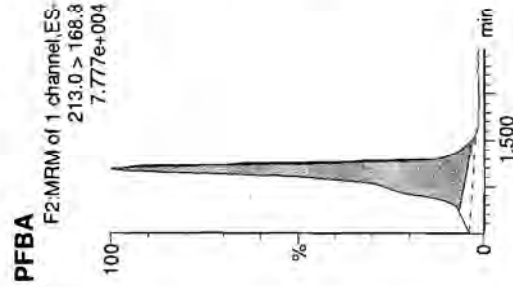
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71 180527M1_71	ST180527M1-12 PFC CS0 18E2204	28-May-18	05:54:21
72 180527M1_72	IPA	28-May-18	06:04:51
73 180527M1_73	B8E0077-B51 OPR 0.125	28-May-18	06:15:22
74 180527M1_74	B8E0077-B5D1 LCSD 0.125	28-May-18	06:25:47
75 180527M1_75	B8E0077-BLK1 Method Blank 0.125	28-May-18	06:36:17
76 180527M1_76	180856-01 REEPOW430FRB 0.1183	28-May-18	06:46:41
77 180527M1_77	180856-02 REEPOW431FRB 0.11243	28-May-18	06:57:12
78 180527M1_78	B8E0106-B51 OPR 0.25	28-May-18	07:07:42
79 180527M1_79	B8E0106-BLK1 Method Blank 0.25	28-May-18	07:18:06
80 180527M1_80	180897-01 TGTINW318180502N 0.25...	28-May-18	07:28:37
81 180527M1_81	180906-01 BD-01 0.26521	28-May-18	07:39:01
82 180527M1_82	180906-02 Field Blank 0507 0.26529	28-May-18	07:49:31
83 180527M1_83	180906-03 Field Blank 0508 0.25739	28-May-18	08:00:01
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86 180527M1_86	180906-06 MW-6 0.25896	28-May-18	08:31:26
87 180527M1_87	180906-07 MW-12 0.27	28-May-18	08:41:51
88 180527M1_88	180906-08 MW-14 0.26548	28-May-18	08:52:21
89 180527M1_89	180906-09 MW-11 0.2707	28-May-18	09:02:46
90 180527M1_90	180906-10 CB-W2 0.2655	28-May-18	09:13:16
91 180527M1_91	180907-01 9th Ave Bank 0.26786	28-May-18	09:23:41
92 180527M1_92	IPA	28-May-18	09:34:11
93 180527M1_93	ST180527M1-13 PFC CS3 18E2207	28-May-18	09:44:36
94 180527M1_94	IPA	28-May-18	09:55:06
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96 180527M1_96	180907-03 9th Ave Culvert Deep 0.272...	28-May-18	10:16:01
97 180527M1_97	180907-04 3rd + Carter 0.25475	28-May-18	10:26:31
98 180527M1_98	180907-05 BD-02 0.26462	28-May-18	10:37:01
99 180527M1_99	180907-06 BD-03 0.25331	28-May-18	10:47:26
100 180527M1_100	180907-07 EB 0507 0.25164	28-May-18	10:57:56
101 180527M1_101	180907-08 EB 0508 0.25713	28-May-18	11:08:26
102 180527M1_102	IPA	28-May-18	11:18:51
103 180527M1_103	ST180527M1-14 PFC CS3 18E2207	28-May-18	11:29:21
104 180527M1_104	IPA	28-May-18	11:39:46

Dataset: F:\Projects\PFAS.PRO\Results\180527M1\180527M1-70.qld

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Printed: Monday, May 28, 2018 09:47:16 Pacific Daylight Time

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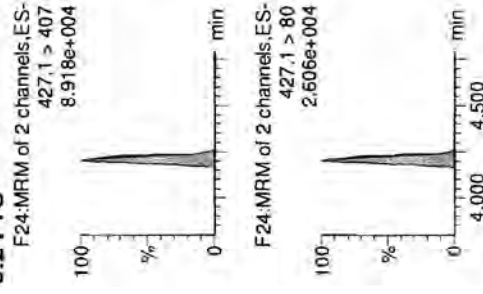
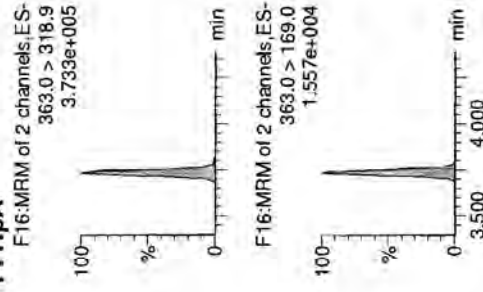
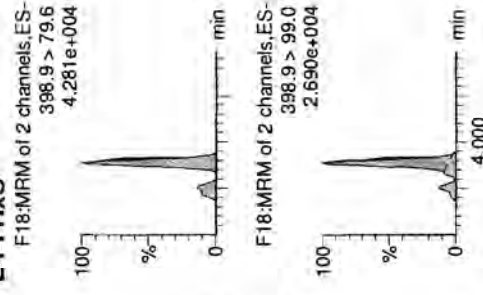
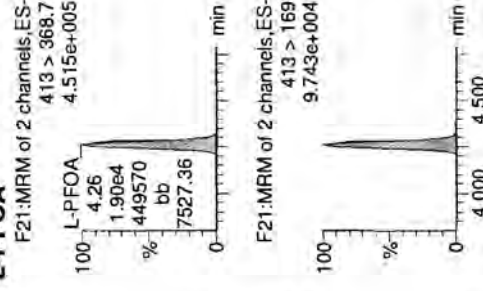
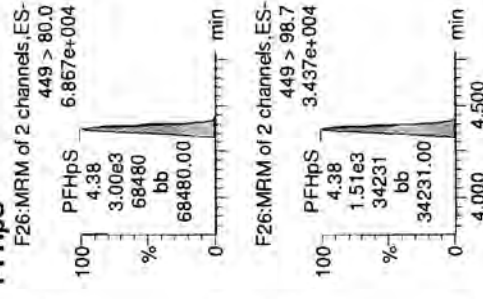
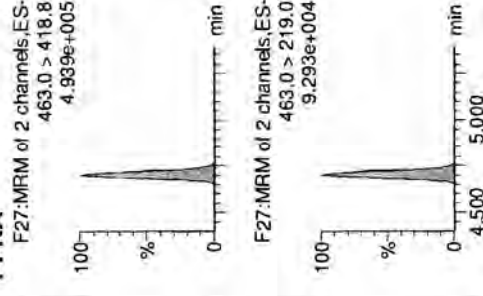
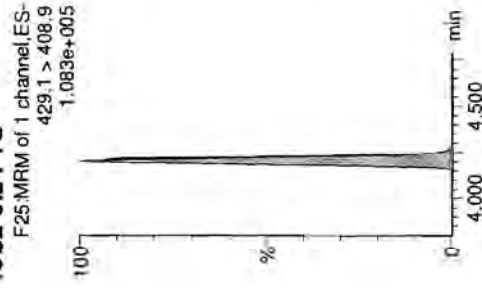
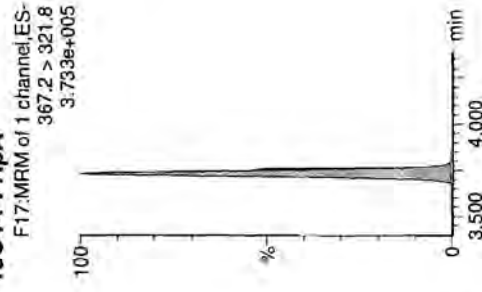
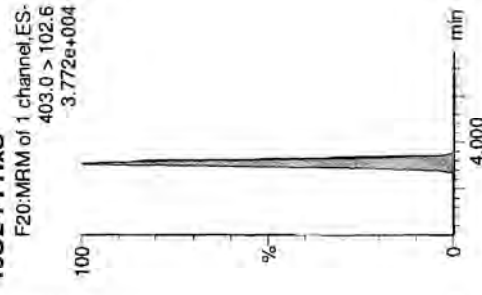
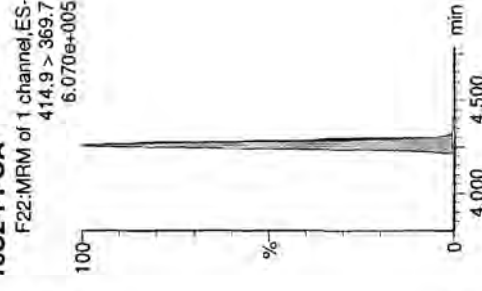
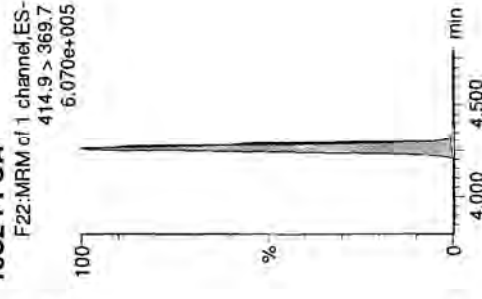
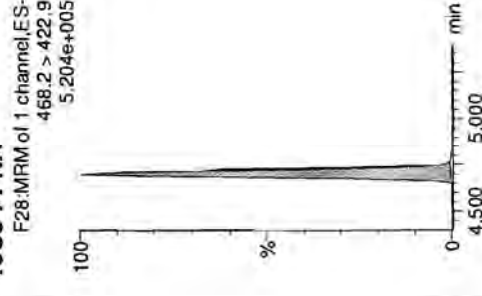


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Name: 180527M1_70, Date: 28-May-2018, Time: 05:43:59, ID: ST180527M1-11 PFC CS3 18E2207, Description: PFC CS3 18E2207

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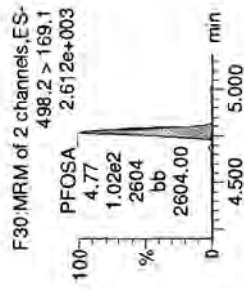
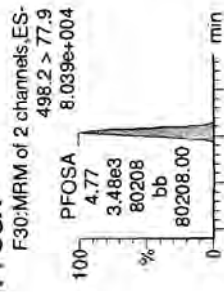
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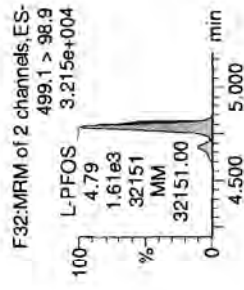
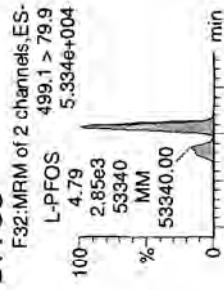
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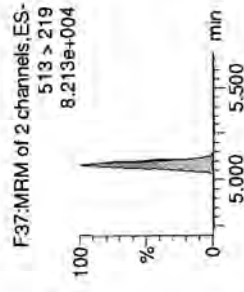
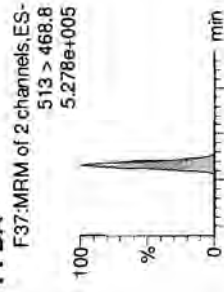
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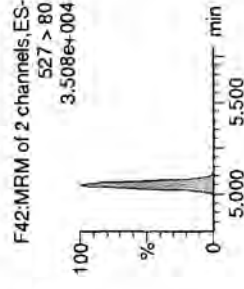
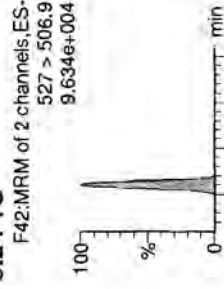
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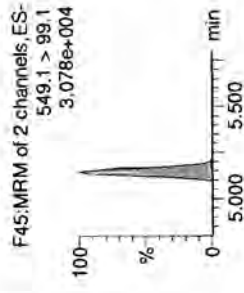
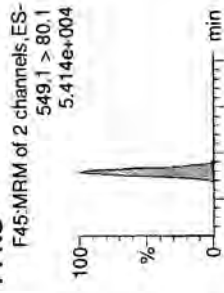
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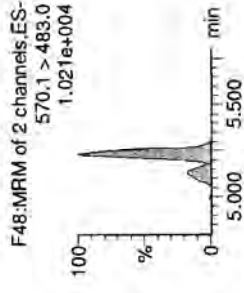
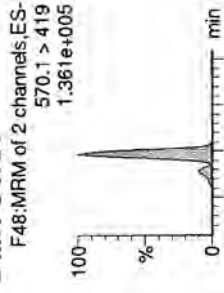
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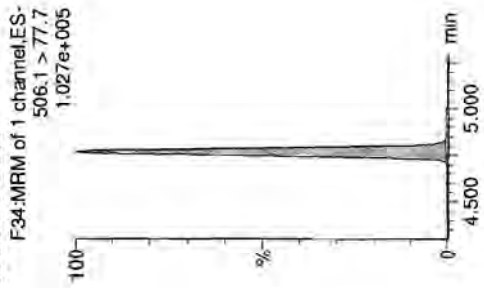
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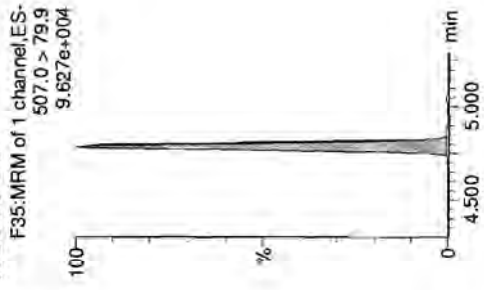
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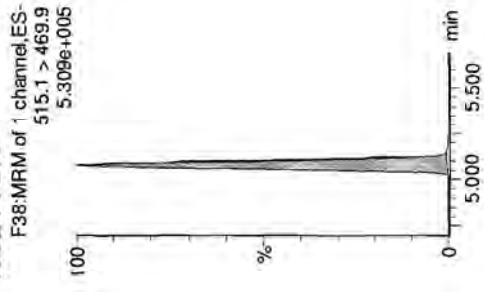
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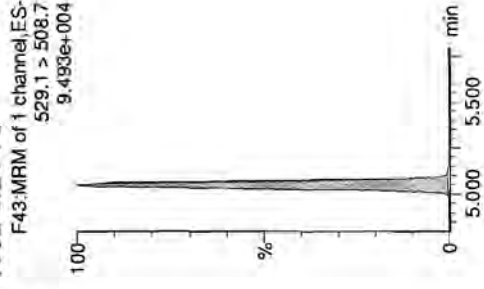
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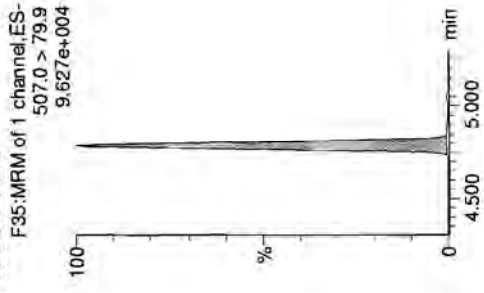
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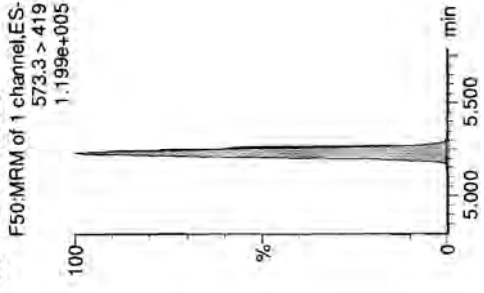
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13C8-PFOS



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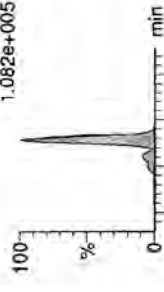
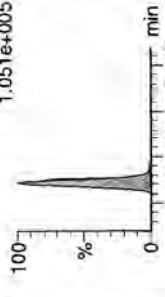


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Printed: Monday, May 28, 2018 09:47:16 Pacific Daylight Time

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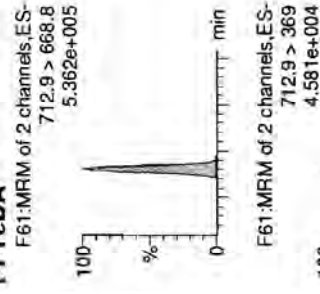
L-EtFOSAAF51:MRM of 2 channels,ES-
584.2 > 419
1.082e+005F51:MRM of 2 channels,ES-
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7.680e+003**PFDoA**F54:MRM of 4 channels,ES-
612.9 > 569.0
5.643e+005F54:MRM of 4 channels,ES-
612.9 > 318.8
6.488e+004**PFDS**F53:MRM of 2 channels,ES-
598.8 > 80
7.367e+004F53:MRM of 2 channels,ES-
598.8 > 98.7
3.455e+004**PFUdA**F46:MRM of 2 channels,ES-
563.0 > 518.9
5.170e+005F46:MRM of 2 channels,ES-
563.0 > 269
3.020e+004**N-MeFOSA**F36:MRM of 2 channels,ES-
512.1 > 168.9
1.421e+005F36:MRM of 2 channels,ES-
512.1 > 219
1.051e+005**PFTiDA**F60:MRM of 2 channels,ES-
662.9 > 618.9
6.346e+005F60:MRM of 2 channels,ES-
662.9 > 319
2.036e+004**d5-N-EtFOSAA**F52:MRM of 1 channel,ES-
589.3 > 419
1.450e+005**13C2-PFDoA**F55:MRM of 2 channels,ES-
615.0 > 569.7
5.825e+005**13C2-PFUdA**F47:MRM of 1 channel,ES-
565 > 519.8
7.382e+005**13C2-PFUDa**F47:MRM of 1 channel,ES-
565 > 519.8
7.382e+005**d3-N-MeFOSA**F39:MRM of 1 channel,ES-
515.2 > 168.9
3.737e+005**13C2-PFDoA**F55:MRM of 2 channels,ES-
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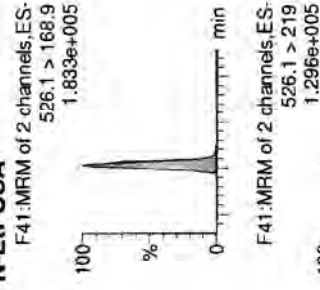
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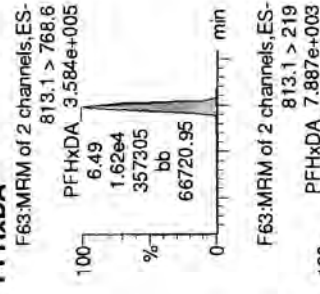
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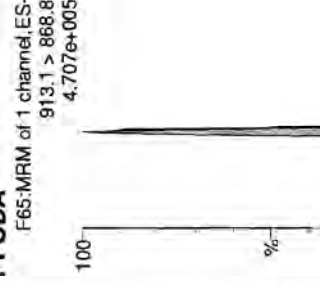
N-EtFOSA



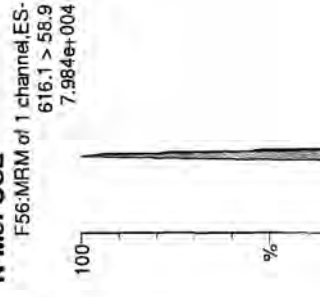
PFHxDa



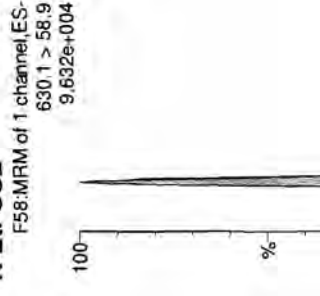
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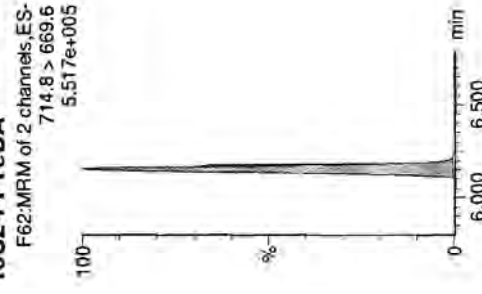
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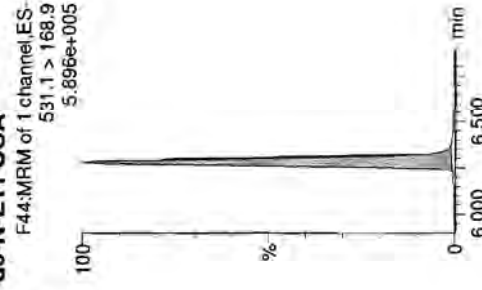
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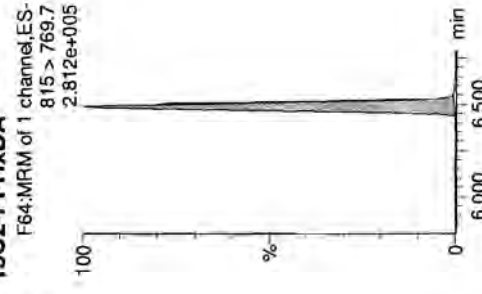
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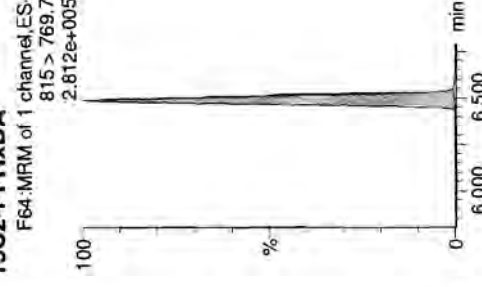
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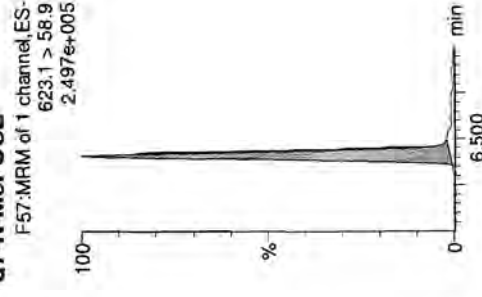
13C2-PFHxDa



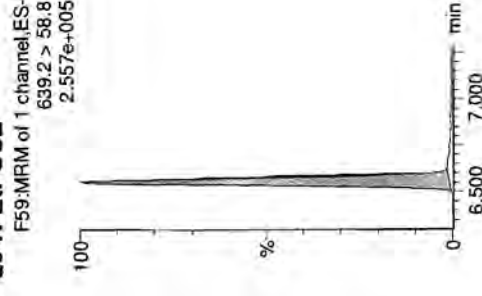
13C2-PFHxDa



d7-N-MeFOSE



d9-N-EtFOSE



Dataset: F:\Projects\PFAS.PRO\Results\180527M1\180527M1-70.qld

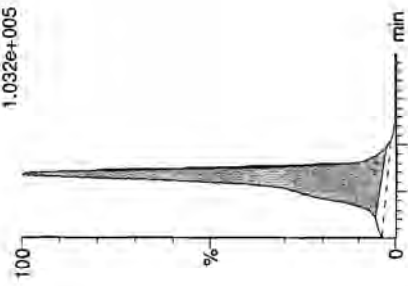
Last Altered: Monday, May 28, 2018 09:46:59 Pacific Daylight Time

Printed: Monday, May 28, 2018 09:47:16 Pacific Daylight Time

Name: 180527M1_70, Date: 28-May-2018, Time: 05:43:59, ID: ST180527M1-11 PFC CS3 18E2207, Description: PFC CS3 18E2207

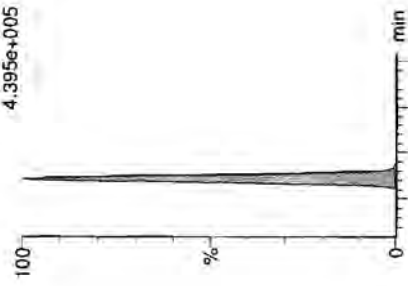
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 171.8
1.032e+005



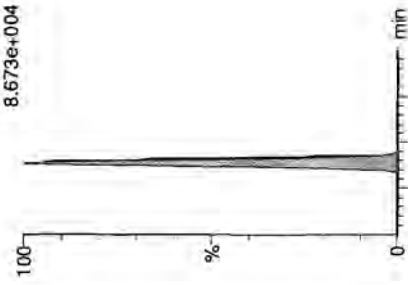
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
4.395e+005



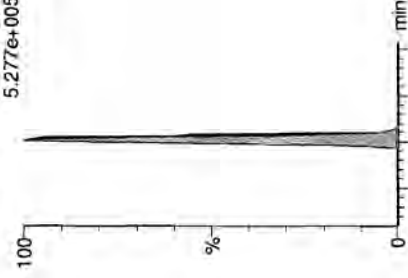
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.9 > 79.9
8.673e+004



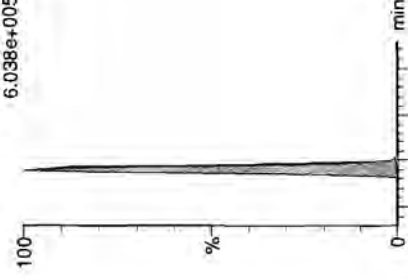
13C8-PFOA

F23:MRM of 1 channel,ES-
421.3 > 376
5.277e+005



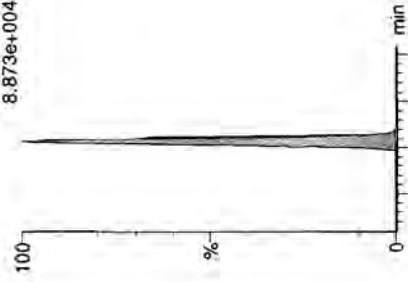
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
6.038e+005



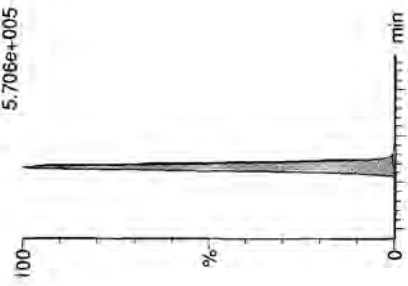
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
8.873e+004



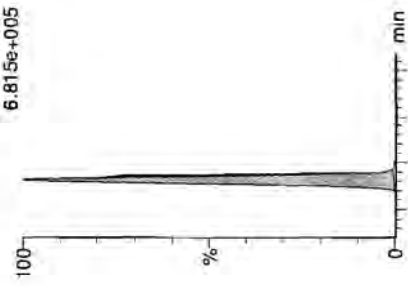
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
5.706e+005



13C7-PFUDa

F49:MRM of 1 channel,ES-
570.1 > 524.8
6.815e+005



INITIAL CALIBRATION (ICAL)
INCLUDING ASSOCIATED
INITIAL CALIBRATION VERIFICATION (ICV) AND INSTRUMENT BLANK (IB)

Dataset: F:\Projects\PFAS.PRO\Results\180525M1\180525M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time
Printed: Saturday, May 26, 2018 15:29:50 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052518.mdb 26 May 2018 13:03:04
Calibration: F:\Projects\PFAS.PRO\CurveDB\18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Compound name: PFBA

Correlation coefficient: $r = 0.999981$, $r^2 = 0.999962$

Calibration curve: $1.07822 \cdot x + 0.00264682$

Response type: Internal Std (Ref 36), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	0.250	1.38	221.601	8984.927	0.308	0.3	13.4	NO	1.000	NO	MM
2	2 180525M1_3	Standard	0.500	1.37	331.563	8477.848	0.489	0.5	-9.8	NO	1.000	NO	MM
3	3 180525M1_4	Standard	1.000	1.36	743.963	8924.782	1.042	1.0	-3.6	NO	1.000	NO	MM
4	4 180525M1_5	Standard	2.000	1.36	1497.565	8907.460	2.102	1.9	-2.7	NO	1.000	NO	MM
5	5 180525M1_6	Standard	5.000	1.37	3880.045	8922.826	5.436	5.0	0.8	NO	1.000	NO	bb
6	6 180525M1_7	Standard	10.000	1.36	7693.181	8755.347	10.984	10.2	1.8	NO	1.000	NO	bb
7	7 180525M1_8	Standard	50.000	1.36	37039.781	8512.127	54.393	50.4	0.9	NO	1.000	NO	MM
8	8 180525M1_9	Standard	100.000	1.36	73265.211	8493.202	107.829	100.0	0.0	NO	1.000	NO	bb
9	9 180525M1_10	Standard	250.000	1.38	185621.563	8560.219	271.053	251.4	0.6	NO	1.000	NO	MM
10	10 180525M1_11	Standard	500.000	1.38	358206.094	8338.035	537.006	498.0	-0.4	NO	1.000	NO	MM

Dr. Spallio

Compound name: PFPeA

Correlation coefficient: $r = 0.999954$, $r^2 = 0.999907$

Calibration curve: $0.991002 \cdot x + 0.0305916$

Response type: Internal Std (Ref 37), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	0.250	2.36	314.150	14276.583	0.275	0.2	-1.3	NO	1.000	NO	bb
2	2 180525M1_3	Standard	0.500	2.36	578.294	14673.992	0.493	0.5	-6.8	NO	1.000	NO	bb
3	3 180525M1_4	Standard	1.000	2.36	1087.122	13613.748	0.998	1.0	-2.4	NO	1.000	NO	bb
4	4 180525M1_5	Standard	2.000	2.36	2365.908	13992.268	2.114	2.1	5.1	NO	1.000	NO	bb
5	5 180525M1_6	Standard	5.000	2.36	5583.348	14092.230	4.953	5.0	-0.7	NO	1.000	NO	bb
6	6 180525M1_7	Standard	10.000	2.36	11664.775	14241.468	10.238	10.3	3.0	NO	1.000	NO	bb
7	7 180525M1_8	Standard	50.000	2.36	51543.801	12761.769	50.487	50.9	1.8	NO	1.000	NO	bb
8	8 180525M1_9	Standard	100.000	2.37	106438.555	13192.765	100.849	101.7	1.7	NO	1.000	NO	bb
9	9 180525M1_10	Standard	250.000	2.37	240918.281	12143.966	247.981	250.2	0.1	NO	1.000	NO	bb
10	10 180525M1_11	Standard	500.000	2.37	467181.969	11859.793	492.401	496.8	-0.6	NO	1.000	NO	bb

high pt
4.475 = 100
6.275
8.275
low pt
PFNC = 0.5

Dataset: F:\Projects\PFAS.PRO\Results\180525M1\180525M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time
Printed: Saturday, May 26, 2018 15:29:50 Pacific Daylight Time

Compound name: PFBS

Correlation coefficient: $r = 0.999688$, $r^2 = 0.999375$

Calibration curve: $1.92824 \times 10^{-5} x + 0.0146273$

Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	X-excluded
1	1 180525M1_2	Standard	0.250	2.66	52.292	1730.578	0.378	0.2	-24.7	NO	0.999	NO	MM
2	2 180525M1_3	Standard	0.500	2.65	156.839	1756.119	1.116	0.6	14.3	NO	0.999	NO	bb
3	3 180525M1_4	Standard	1.000	2.65	281.536	1675.970	2.100	1.1	8.1	NO	0.999	NO	bb
4	4 180525M1_5	Standard	2.000	2.65	550.343	1762.314	3.904	2.0	0.8	NO	0.999	NO	bb
5	5 180525M1_6	Standard	5.000	2.65	1331.379	1687.449	9.862	5.1	2.1	NO	0.999	NO	bb
6	6 180525M1_7	Standard	10.000	2.65	2739.638	1689.914	20.265	10.5	5.0	NO	0.999	NO	bb
7	7 180525M1_8	Standard	50.000	2.65	11865.640	1619.514	91.583	47.5	-5.0	NO	0.999	NO	bb
8	8 180525M1_9	Standard	100.000	2.65	25016.709	1612.956	193.873	100.5	0.5	NO	0.999	NO	bb
9	9 180525M1_10	Standard	250.000	2.66	54342.680	1452.618	467.627	242.5	-3.0	NO	0.999	NO	bb
10	10 180525M1_11	Standard	500.000	2.66	102896.180	1311.103	981.008	508.8	1.8	NO	0.999	NO	bb

Compound name: 4:2 FTS

Coefficient of Determination: $R^2 = 0.999712$

Calibration curve: $-0.00320315 \times 10^{-5} x^2 + 0.99909 \times 10^{-5} x - 0.0195138$

Response type: Internal Std (Ref 39), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	X-excluded
1	1 180525M1_2	Standard	0.250	3.07	64.385	3614.455	0.223	0.2	-3.0	NO	1.000	NO	bb
2	2 180525M1_3	Standard	0.500	3.07	138.598	3961.022	0.437	0.5	-8.4	NO	1.000	NO	bb
3	3 180525M1_4	Standard	1.000	3.07	318.226	3579.179	1.111	1.1	13.6	NO	1.000	NO	bb
4	4 180525M1_5	Standard	2.000	3.07	621.991	3998.485	1.944	2.0	-1.1	NO	1.000	NO	bb
5	5 180525M1_6	Standard	5.000	3.07	1484.121	3873.484	4.789	4.9	-2.2	NO	1.000	NO	bb
6	6 180525M1_7	Standard	10.000	3.07	3103.542	3967.756	9.777	10.1	1.4	NO	1.000	NO	bb
7	7 180525M1_8	Standard	50.000	3.07	13396.834	4008.649	41.775	49.8	-0.4	NO	1.000	NO	bb
8	8 180525M1_9	Standard	100.000	3.07	25797.068	4747.259	67.926	100.2	0.2	NO	1.000	NO	bb
9	9 180525M1_10	Standard	250.000	3.07	55682.992	5608.371	124.107			NO	1.000	NO	bbXI
10	10 180525M1_11	Standard	500.000	3.07	100870.914	7918.196	159.239			NO	1.000	NO	bbXI

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Dataset: F:\Projects\PFAS.PRO\Results\180525M1\180525M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time

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Compound name: PFHxACoefficient of Determination: $R^2 = 0.999618$ Calibration curve: $6.818e-005 * x^2 + 1.44663 * x + 0.0709462$

Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc.	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	0.250	3.16	437.440	5126.225	0.427	0.2	-1.6	NO	1.000	NO	bb
2	2 180525M1_3	Standard	0.500	3.16	825.809	5031.866	0.821	0.5	3.6	NO	1.000	NO	bb
3	3 180525M1_4	Standard	1.000	3.16	1431.210	4991.322	1.434	0.9	-5.8	NO	1.000	NO	bb
4	4 180525M1_5	Standard	2.000	3.16	2985.284	4541.463	3.287	2.2	11.1	NO	1.000	NO	bb
5	5 180525M1_6	Standard	5.000	3.17	7536.525	4715.089	7.992	5.5	9.5	NO	1.000	NO	bb
6	6 180525M1_7	Standard	10.000	3.16	15252.389	5179.762	14.723	10.1	1.2	NO	1.000	NO	bb
7	7 180525M1_8	Standard	50.000	3.16	68202.273	4650.790	73.323	50.5	1.0	NO	1.000	NO	bb
8	8 180525M1_9	Standard	100.000	3.16	137281.781	4597.551	149.299	102.7	2.7	NO	1.000	NO	bb
9	9 180525M1_10	Standard	250.000	3.17	308731.625	4332.988	356.257	243.4	-2.6	NO	1.000	NO	bb
10	10 180525M1_11	Standard	500.000	3.17	607870.750	4081.764	744.618	502.7	0.5	NO	1.000	NO	bb

Compound name: PFPeSCorrelation coefficient: $r = 0.999775$, $r^2 = 0.999550$ Calibration curve: $1.84065 * x + -0.0790766$

Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc.	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	0.250	3.37	58.014	1730.578	0.419	0.3	8.2	NO	1.000	NO	MM
2	2 180525M1_3	Standard	0.500	3.37	115.347	1756.119	0.821	0.5	-2.2	NO	1.000	NO	bb
3	3 180525M1_4	Standard	1.000	3.37	214.702	1675.970	1.601	0.9	-8.7	NO	1.000	NO	bb
4	4 180525M1_5	Standard	2.000	3.37	505.979	1762.314	3.589	2.0	-0.4	NO	1.000	NO	bb
5	5 180525M1_6	Standard	5.000	3.38	1311.495	1687.449	9.715	5.3	6.4	NO	1.000	NO	bb
6	6 180525M1_7	Standard	10.000	3.37	2515.863	1689.914	18.609	10.2	1.5	NO	1.000	NO	bb
7	7 180525M1_8	Standard	50.000	3.37	11346.562	1619.514	87.577	47.6	-4.8	NO	1.000	NO	bb
8	8 180525M1_9	Standard	100.000	3.38	23932.275	1612.956	185.469	100.8	0.8	NO	1.000	NO	bb
9	9 180525M1_10	Standard	250.000	3.38	52159.699	1452.618	448.842	243.9	-2.4	NO	1.000	NO	bb
10	10 180525M1_11	Standard	500.000	3.38	97930.422	1311.103	933.664	507.3	1.5	NO	1.000	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180525M1\180525M1-CRV_B.qld

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Compound name: PFHpA

Correlation coefficient: $r = 0.999794$, $r^2 = 0.999588$

Calibration curve: $1.17332 \times x + 0.0693902$

Response type: Internal Std (Ref 41), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc.	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	0.250	3.80	400.771	14365.581	0.349	0.2	-4.8	NO	1.000	NO	bb
2	2 180525M1_3	Standard	0.500	3.80	703.701	13678.406	0.643	0.5	-2.2	NO	1.000	NO	bb
3	3 180525M1_4	Standard	1.000	3.81	1280.378	13720.450	1.166	0.9	-6.5	NO	1.000	NO	bb
4	4 180525M1_5	Standard	2.000	3.80	2787.944	14229.270	2.449	2.0	1.4	NO	1.000	NO	bb
5	5 180525M1_6	Standard	5.000	3.81	6769.469	13635.495	6.206	5.2	4.6	NO	1.000	NO	bb
6	6 180525M1_7	Standard	10.000	3.81	14715.741	14680.471	12.530	10.6	6.2	NO	1.000	NO	bb
7	7 180525M1_8	Standard	50.000	3.81	59351.508	12543.187	59.147	50.4	0.7	NO	1.000	NO	bb
8	8 180525M1_9	Standard	100.000	3.81	124806.180	12923.884	120.715	102.8	2.8	NO	1.000	NO	bb
9	9 180525M1_10	Standard	250.000	3.81	271096.938	11897.898	284.816	242.7	-2.9	NO	1.000	NO	bb
10	10 180525M1_11	Standard	500.000	3.81	519765.500	10999.687	590.659	503.4	0.7	NO	1.000	NO	bb

Compound name: L-PFHxS

Correlation coefficient: $r = 0.999864$, $r^2 = 0.999728$

Calibration curve: $1.69499 \times x + -0.00446589$

Response type: Internal Std (Ref 42), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc.	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	0.250	3.97	52.203	1452.075	0.449	0.3	7.1	NO	1.000	NO	MM
2	2 180525M1_3	Standard	0.500	3.97	98.240	1452.942	0.845	0.5	0.3	NO	1.000	NO	MM
3	3 180525M1_4	Standard	1.000	3.97	156.102	1355.728	1.439	0.9	-14.8	NO	1.000	NO	MM
4	4 180525M1_5	Standard	2.000	3.97	410.089	1410.478	3.634	2.1	7.3	NO	1.000	NO	MM
5	5 180525M1_6	Standard	5.000	3.97	952.204	1390.635	8.559	5.1	1.0	NO	1.000	NO	MM
6	6 180525M1_7	Standard	10.000	3.97	2035.155	1579.504	16.106	9.5	-5.0	NO	1.000	NO	MM
7	7 180525M1_8	Standard	50.000	3.97	8581.156	1204.129	89.081	52.6	5.1	NO	1.000	NO	MM
8	8 180525M1_9	Standard	100.000	3.97	18189.883	1340.306	169.643	100.1	0.1	NO	1.000	NO	MM
9	9 180525M1_10	Standard	250.000	3.97	42033.539	1258.198	417.597	246.4	-1.5	NO	1.000	NO	MM
10	10 180525M1_11	Standard	500.000	3.97	80742.453	1187.563	849.875	501.4	0.3	NO	1.000	NO	MM

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Dataset: F:\Projects\PFAS.PRO\Results\180525M1\180525M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time
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Compound name: 6:2 FTSCoefficient of Determination: $R^2 = 0.999217$ Calibration curve: $-0.00289789 * x^2 + 1.03846 * x + 0.0466705$

Response type: Internal Std (Ref 43), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	0.250	4.29	97.117	3857.897	0.315	0.3	3.3	NO	0.999	NO	bb
2	2 180525M1_3	Standard	0.500	4.29	159.150	3918.921	0.508	0.4	-11.1	NO	0.999	NO	bb
3	3 180525M1_4	Standard	1.000	4.29	320.551	3924.259	1.021	0.9	-5.9	NO	0.999	NO	bb
4	4 180525M1_5	Standard	2.000	4.30	793.617	4241.210	2.339	2.2	11.1	NO	0.999	NO	bb
5	5 180525M1_6	Standard	5.000	4.30	1674.673	4063.724	5.151	5.0	-0.3	NO	0.999	NO	bb
6	6 180525M1_7	Standard	10.000	4.30	3773.688	4441.150	10.621	10.5	4.9	NO	0.999	NO	bb
7	7 180525M1_8	Standard	50.000	4.30	14145.650	4049.578	43.664	48.6	-2.8	NO	0.999	NO	bb
8	8 180525M1_9	Standard	100.000	4.30	29061.648	4818.311	75.394	101.1	1.1	NO	0.999	NO	bb
9	9 180525M1_10	Standard	250.000	4.30	64906.969	6190.807	131.055			NO	0.999	NO	bbXI
10	10 180525M1_11	Standard	500.000	4.30	120279.141	8768.965	171.456			NO	0.999	NO	bbXI

Compound name: L-PFOACoefficient of Determination: $R^2 = 0.997794$ Calibration curve: $-0.000351432 * x^2 + 1.00046 * x + 0.00349964$

Response type: Internal Std (Ref 44), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	0.250	4.35	476.587	22612.455	0.263	0.3	3.9	NO	0.998	NO	bb
2	2 180525M1_3	Standard	0.500	4.35	916.124	24254.594	0.472	0.5	-6.3	NO	0.998	NO	bb
3	3 180525M1_4	Standard	1.000	4.35	1858.730	21359.332	1.088	1.1	8.4	NO	0.998	NO	bb
4	4 180525M1_5	Standard	2.000	4.35	3430.042	21822.021	1.965	2.0	-1.9	NO	0.998	NO	bb
5	5 180525M1_6	Standard	5.000	4.36	8855.766	20836.293	5.313	5.3	6.3	NO	0.998	NO	bb
6	6 180525M1_7	Standard	10.000	4.35	17554.002	22651.238	9.687	9.7	-2.9	NO	0.998	NO	bb
7	7 180525M1_8	Standard	50.000	4.35	66597.320	18197.674	45.746	46.5	-7.0	NO	0.998	NO	bb
8	8 180525M1_9	Standard	100.000	4.35	156049.891	21441.355	90.975	94.0	-6.0	NO	0.998	NO	bb
9	9 180525M1_10	Standard	250.000	4.35	353840.625	18196.951	243.063	268.2	7.3	NO	0.998	NO	bb
10	10 180525M1_11	Standard	500.000	4.36	649887.438	19990.219	406.378	490.8	-1.8	NO	0.998	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180525M1\180525M1-CRV_B.qld

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Compound name: PFHps

Coefficient of Determination: $R^2 = 0.999212$
Calibration curve: $-4.36862e-005 * x^2 + 0.161848 * x + -0.00329455$
Response type: Internal Std (Ref 44), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	0.250	4.46	74.244	22612.455	0.041	0.3	9.6	NO	0.999	NO	bb
2	2 180525M1_3	Standard	0.500	4.47	139.072	24254.594	0.072	0.5	-7.3	NO	0.999	NO	bb
3	3 180525M1_4	Standard	1.000	4.47	259.988	21359.332	0.152	1.0	-3.9	NO	0.999	NO	bb
4	4 180525M1_5	Standard	2.000	4.46	590.190	21822.021	0.338	2.1	5.5	NO	0.999	NO	bb
5	5 180525M1_6	Standard	5.000	4.47	1275.391	20836.293	0.765	4.8	-4.9	NO	0.999	NO	bb
6	6 180525M1_7	Standard	10.000	4.46	2945.328	22651.238	1.625	10.1	0.9	NO	0.999	NO	bb
7	7 180525M1_8	Standard	50.000	4.46	12093.248	18197.674	8.307	52.1	4.2	NO	0.999	NO	bb
8	8 180525M1_9	Standard	100.000	4.47	25400.576	21441.355	14.808	93.9	-6.1	NO	0.999	NO	bb
9	9 180525M1_10	Standard	250.000	4.46	56293.078	18196.951	38.669	256.7	2.7	NO	0.999	NO	bb
10	10 180525M1_11	Standard	500.000	4.47	111438.320	19990.219	69.683	497.3	-0.5	NO	0.999	NO	bb

Compound name: PFNA

Coefficient of Determination: $R^2 = 0.999889$
Calibration curve: $-9.76146e-005 * x^2 + 1.21144 * x + 0.0338548$
Response type: Internal Std (Ref 45), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	0.250	4.80	496.663	19880.271	0.312	0.2	-8.1	NO	1.000	NO	bb
2	2 180525M1_3	Standard	0.500	4.80	1008.476	20489.799	0.615	0.5	-4.0	NO	1.000	NO	bb
3	3 180525M1_4	Standard	1.000	4.80	2020.115	19766.260	1.278	1.0	2.7	NO	1.000	NO	bb
4	4 180525M1_5	Standard	2.000	4.80	3970.998	20515.082	2.420	2.0	-1.5	NO	1.000	NO	bb
5	5 180525M1_6	Standard	5.000	4.81	10569.493	20568.072	6.423	5.3	5.5	NO	1.000	NO	bb
6	6 180525M1_7	Standard	10.000	4.81	21041.867	20322.598	12.942	10.7	6.6	NO	1.000	NO	bb
7	7 180525M1_8	Standard	50.000	4.81	92936.164	19215.346	60.457	50.1	0.2	NO	1.000	NO	bb
8	8 180525M1_9	Standard	100.000	4.81	179362.328	18977.676	118.140	98.3	-1.7	NO	1.000	NO	bb
9	9 180525M1_10	Standard	250.000	4.80	377141.188	15831.067	297.786	250.9	0.3	NO	1.000	NO	bb
10	10 180525M1_11	Standard	500.000	4.81	785470.688	16892.270	581.235	499.9	-0.0	NO	1.000	NO	bb

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Compound name: PFOSA

Correlation coefficient: $r = 0.999853$, $r^2 = 0.999707$

Calibration curve: $0.891227 * x + 0.02806$

Response type: Internal Std (Ref 46), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1 180525M1_2	Standard	0.250	4.87	83.127	4651.495	0.223	0.2	-12.3	NO	1.000	NO	bb
2	2 180525M1_3	Standard	0.500	4.87	205.022	4846.121	0.529	0.6	12.4	NO	1.000	NO	bb
3	3 180525M1_4	Standard	1.000	4.87	352.780	4542.504	0.971	1.1	5.8	NO	1.000	NO	bb
4	4 180525M1_5	Standard	2.000	4.87	653.302	4806.554	1.699	1.9	-6.3	NO	1.000	NO	bb
5	5 180525M1_6	Standard	5.000	4.87	1694.034	4777.236	4.433	4.9	-1.2	NO	1.000	NO	bb
6	6 180525M1_7	Standard	10.000	4.87	3520.257	4875.018	9.026	10.1	1.0	NO	1.000	NO	bb
7	7 180525M1_8	Standard	50.000	4.87	15353.014	4130.682	46.460	52.1	4.2	NO	1.000	NO	bb
8	8 180525M1_9	Standard	100.000	4.87	30785.676	4475.839	85.977	96.4	-3.6	NO	1.000	NO	bb
9	9 180525M1_10	Standard	250.000	4.87	69795.375	3938.881	221.495	248.5	-0.6	NO	1.000	NO	bb
10	10 180525M1_11	Standard	500.000	4.87	135145.266	3768.426	448.282	503.0	0.6	NO	1.000	NO	bb

Compound name: L-PFOS

Coefficient of Determination: $R^2 = 0.999719$

Calibration curve: $0.000129454 * x^2 + 0.880356 * x + 0.0103184$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x-excluded
1	1 180525M1_2	Standard	0.250	4.89	65.863	3714.974	0.222	0.2	-4.0	NO	1.000	NO	MM
2	2 180525M1_3	Standard	0.500	4.89	144.735	3733.130	0.485	0.5	7.7	NO	1.000	NO	MM
3	3 180525M1_4	Standard	1.000	4.89	238.363	3357.152	0.888	1.0	-0.4	NO	1.000	NO	MM
4	4 180525M1_5	Standard	2.000	4.89	512.860	3649.021	1.757	2.0	-0.8	NO	1.000	NO	MM
5	5 180525M1_6	Standard	5.000	4.89	1246.687	3717.998	4.191	4.7	-5.1	NO	1.000	NO	MM
6	6 180525M1_7	Standard	10.000	4.89	2665.576	3683.319	9.046	10.2	2.5	NO	1.000	NO	MM
7	7 180525M1_8	Standard	50.000	4.89	12215.930	3352.026	45.554	51.3	2.7	NO	1.000	NO	MM
8	8 180525M1_9	Standard	100.000	4.89	24409.455	3554.527	85.839	96.1	-3.9	NO	1.000	NO	MM
9	9 180525M1_10	Standard	250.000	4.89	58792.695	3172.820	231.626	253.6	1.5	NO	1.000	NO	MM
10	10 180525M1_11	Standard	500.000	4.89	115778.320	3069.990	471.412	498.9	-0.2	NO	1.000	NO	MM

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Compound name: PFDACoefficient of Determination: $R^2 = 0.996687$ Calibration curve: $-0.000406377 * x^2 + 1.02293 * x + -0.0455439$

Response type: Internal Std (Ref 48), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	0.250	5.18	531.758	28052.512	0.237	0.3	10.4	NO	0.997	NO	bb
2	2 180525M1_3	Standard	0.500	5.19	918.127	30175.443	0.380	0.4	-16.7	NO	0.997	NO	bb
3	3 180525M1_4	Standard	1.000	5.19	2090.505	26087.115	1.002	1.0	2.4	NO	0.997	NO	bb
4	4 180525M1_5	Standard	2.000	5.19	4497.081	27283.352	2.060	2.1	3.0	NO	0.997	NO	bb
5	5 180525M1_6	Standard	5.000	5.19	11151.795	27886.818	4.999	4.9	-1.2	NO	0.997	NO	bb
6	6 180525M1_7	Standard	10.000	5.19	22043.143	29149.025	9.453	9.3	-6.8	NO	0.997	NO	bb
7	7 180525M1_8	Standard	50.000	5.19	100858.320	23700.508	53.194	53.2	6.3	NO	0.997	NO	bb
8	8 180525M1_9	Standard	100.000	5.19	194192.500	22758.154	106.661	109.0	9.0	NO	0.997	NO	bb
9	9 180525M1_10	Standard	250.000	5.19	398011.688	23407.189	212.548	228.6	-8.6	NO	0.997	NO	bb
10	10 180525M1_11	Standard	500.000	5.19	753958.125	22616.637	416.705	511.2	2.2	NO	0.997	NO	bb

Compound name: 8:2 FTSCoefficient of Determination: $R^2 = 0.999844$ Calibration curve: $-0.00493476 * x^2 + 1.38351 * x + -0.023782$

Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	0.250	5.16	91.021	3951.187	0.287	0.2	-10.0	NO	1.000	NO	bb
2	2 180525M1_3	Standard	0.500	5.16	227.427	3935.213	0.722	0.5	8.1	NO	1.000	NO	bb
3	3 180525M1_4	Standard	1.000	5.16	412.557	3598.491	1.433	1.1	5.7	NO	1.000	NO	bb
4	4 180525M1_5	Standard	2.000	5.16	754.453	3629.668	2.598	1.9	-4.6	NO	1.000	NO	bb
5	5 180525M1_6	Standard	5.000	5.16	1965.925	3605.245	6.816	5.0	0.7	NO	1.000	NO	bb
6	6 180525M1_7	Standard	10.000	5.16	4223.856	3953.403	13.355	10.0	0.3	NO	1.000	NO	bb
7	7 180525M1_8	Standard	50.000	5.16	16260.178	3584.082	56.710	49.9	-0.2	NO	1.000	NO	bb
8	8 180525M1_9	Standard	100.000	5.16	33170.496	4657.303	89.028	100.1	0.1	NO	1.000	NO	bb
9	9 180525M1_10	Standard	250.000	5.16	67104.156	5169.459	162.261			NO	1.000	NO	bbXI
10	10 180525M1_11	Standard	500.000	5.16	119144.742	8139.980	182.962			NO	1.000	NO	bbXI

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Compound name: PFNS

Coefficient of Determination: $R^2 = 0.999717$

Calibration curve: $6.7292e-005 * x^2 + 0.770051 * x + 0.0282695$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	0.250	5.25	20.132	3714.974	0.068	0.1	-79.5	YES	1.000	NO	MMX
2	2 180525M1_3	Standard	0.500	5.25	150.886	3793.130	0.505	0.6	23.9	NO	1.000	NO	bb
3	3 180525M1_4	Standard	1.000	5.25	160.025	3357.152	0.596	0.7	-26.3	NO	1.000	NO	bb
4	4 180525M1_5	Standard	2.000	5.25	467.894	3649.021	1.603	2.0	2.2	NO	1.000	NO	bb
5	5 180525M1_6	Standard	5.000	5.25	1176.423	3717.998	3.955	5.1	1.9	NO	1.000	NO	bb
6	6 180525M1_7	Standard	10.000	5.25	2224.742	3683.319	7.550	9.8	-2.4	NO	1.000	NO	bb
7	7 180525M1_8	Standard	50.000	5.25	10662.083	3352.026	39.760	51.4	2.7	NO	1.000	NO	bb
8	8 180525M1_9	Standard	100.000	5.26	21433.861	3554.527	75.375	97.0	-3.0	NO	1.000	NO	bb
9	9 180525M1_10	Standard	250.000	5.25	50494.758	3172.820	198.935	252.7	1.1	NO	1.000	NO	bb
10	10 180525M1_11	Standard	500.000	5.25	98521.180	3069.990	401.146	499.1	-0.2	NO	1.000	NO	bb

Compound name: L-MeFOSAA

Coefficient of Determination: $R^2 = 0.999560$

Calibration curve: $-0.000527205 * x^2 + 1.77194 * x + -0.0781525$

Response type: Internal Std (Ref 50), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	0.250	5.34	133.810	5001.719	0.334	0.2	-6.9	NO	1.000	NO	MM
2	2 180525M1_3	Standard	0.500	5.35	251.045	4370.162	0.718	0.4	-10.1	NO	1.000	NO	MM
3	3 180525M1_4	Standard	1.000	5.34	638.807	4404.925	1.813	1.1	6.7	NO	1.000	NO	MM
4	4 180525M1_5	Standard	2.000	5.34	1285.575	4803.831	3.345	1.9	-3.3	NO	1.000	NO	MM
5	5 180525M1_6	Standard	5.000	5.35	3436.478	4789.028	8.970	5.1	2.3	NO	1.000	NO	MM
6	6 180525M1_7	Standard	10.000	5.35	7010.415	5138.163	17.055	9.7	-3.0	NO	1.000	NO	MM
7	7 180525M1_8	Standard	50.000	5.35	31390.627	4673.313	83.962	48.1	-3.8	NO	1.000	NO	MM
8	8 180525M1_9	Standard	100.000	5.35	64678.488	4792.203	168.708	98.1	-1.9	NO	1.000	NO	MM
9	9 180525M1_10	Standard	250.000	5.35	149561.328	4433.436	421.686	257.8	3.1	NO	1.000	NO	MM
10	10 180525M1_11	Standard	500.000	5.35	286212.000	4775.403	749.183	496.1	-0.8	NO	1.000	NO	MM

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Compound name: L-EtFOSAACoefficient of Determination: $R^2 = 0.999381$ Calibration curve: $0.000198747 * x^2 + 0.992592 * x + -0.00792937$

Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	180525M1_2	Standard	0.250	5.51	107.019	6024.138	0.222	0.2	-7.3	NO	0.999	NO	MM
2	180525M1_3	Standard	0.500	5.50	245.479	6105.688	0.503	0.5	2.8	NO	0.999	NO	MM
3	180525M1_4	Standard	1.000	5.51	429.690	6070.057	0.885	0.9	-10.1	NO	0.999	NO	MM
4	180525M1_5	Standard	2.000	5.51	942.782	6128.344	1.923	1.9	-2.8	NO	0.999	NO	MM
5	180525M1_6	Standard	5.000	5.51	2448.288	5918.756	5.171	5.2	4.2	NO	0.999	NO	MM
6	180525M1_7	Standard	10.000	5.51	5124.100	6151.505	10.412	10.5	4.8	NO	0.999	NO	MM
7	180525M1_8	Standard	50.000	5.51	23382.248	5472.128	53.412	53.3	6.5	NO	0.999	NO	MM
8	180525M1_9	Standard	100.000	5.51	46724.438	5695.064	102.555	101.3	1.3	NO	0.999	NO	MM
9	180525M1_10	Standard	250.000	5.51	104632.938	5200.478	251.498	241.7	-3.3	NO	0.999	NO	MM
10	180525M1_11	Standard	500.000	5.51	199306.563	4530.494	549.903	503.3	0.7	NO	0.999	NO	MM

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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052518.mdb 26 May 2018 13:03:04
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Compound name: PFUdACoefficient of Determination: $R^2 = 0.998994$ Calibration curve: $-0.000355379 \cdot x^2 + 1.0798 \cdot x + -0.0261985$

Response type: Internal Std (Ref 52), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	0.250	5.52	583.408	29008.850	0.251	0.3	2.8	NO	0.999	NO	MM
2	2 180525M1_3	Standard	0.500	5.52	1276.633	26964.682	0.592	0.6	14.5	NO	0.999	NO	bb
3	3 180525M1_4	Standard	1.000	5.52	2162.221	25085.207	1.077	1.0	2.2	NO	0.999	NO	bb
4	4 180525M1_5	Standard	2.000	5.52	4205.863	26484.002	1.985	1.9	-6.8	NO	0.999	NO	bb
5	5 180525M1_6	Standard	5.000	5.53	9862.186	26147.830	4.715	4.4	-12.1	NO	0.999	NO	bb
6	6 180525M1_7	Standard	10.000	5.52	23081.314	26735.160	10.792	10.1	0.5	NO	0.999	NO	bb
7	7 180525M1_8	Standard	50.000	5.52	90215.039	22710.441	49.655	46.7	-6.5	NO	0.999	NO	bb
8	8 180525M1_9	Standard	100.000	5.53	196392.609	22101.438	111.075	106.6	6.6	NO	0.999	NO	bb
9	9 180525M1_10	Standard	250.000	5.52	455364.563	23285.998	244.441	246.4	-1.4	NO	0.999	NO	bb
10	10 180525M1_11	Standard	500.000	5.53	793392.938	21956.740	451.680	500.9	0.2	NO	0.999	NO	bb

Compound name: PFDSCoefficient of Determination: $R^2 = 0.998908$ Calibration curve: $-2.23125e-005 \cdot x^2 + 0.150567 \cdot x + -0.0189365$

Response type: Internal Std (Ref 52), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	0.250	5.57	46.577	29008.850	0.020	0.3	3.6	NO	0.999	NO	MM
2	2 180525M1_3	Standard	0.500	5.57	131.809	26964.682	0.061	0.5	6.3	NO	0.999	NO	bb
3	3 180525M1_4	Standard	1.000	5.57	249.347	25085.207	0.124	1.0	-4.9	NO	0.999	NO	bb
4	4 180525M1_5	Standard	2.000	5.57	545.039	26484.002	0.257	1.8	-8.3	NO	0.999	NO	bb
5	5 180525M1_6	Standard	5.000	5.57	1492.110	26147.830	0.713	4.9	-2.7	NO	0.999	NO	bb
6	6 180525M1_7	Standard	10.000	5.57	3270.663	26735.160	1.529	10.3	3.0	NO	0.999	NO	bb
7	7 180525M1_8	Standard	50.000	5.57	13494.782	22710.441	7.428	49.8	-0.4	NO	0.999	NO	bb
8	8 180525M1_9	Standard	100.000	5.57	27926.494	22101.438	15.795	106.7	6.7	NO	0.999	NO	bb
9	9 180525M1_10	Standard	250.000	5.57	64663.344	23285.998	34.711	239.1	-4.3	NO	0.999	NO	bb
10	10 180525M1_11	Standard	500.000	5.57	123398.750	21956.740	70.251	504.4	0.9	NO	0.999	NO	bb

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Compound name: PFDoACorrelation coefficient: $r = 0.997919$, $r^2 = 0.995843$ Calibration curve: $1.18754 * x + 0.100048$

Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	0.250	5.81	696.146	24180.896	0.360	0.2	-12.5	NO	0.996	NO	bb
2	2 180525M1_3	Standard	0.500	5.81	1238.920	24479.039	0.633	0.4	-10.3	NO	0.996	NO	bb
3	3 180525M1_4	Standard	1.000	5.81	2400.030	25931.990	1.157	0.9	-11.0	NO	0.996	NO	bb
4	4 180525M1_5	Standard	2.000	5.81	5043.144	23273.377	2.709	2.2	9.8	NO	0.996	NO	bb
5	5 180525M1_6	Standard	5.000	5.81	12429.919	22566.965	6.885	5.7	14.3	NO	0.996	NO	bb
6	6 180525M1_7	Standard	10.000	5.81	25293.615	26918.484	11.745	9.8	-1.9	NO	0.996	NO	bb
7	7 180525M1_8	Standard	50.000	5.81	114675.531	22451.469	63.846	53.7	7.4	NO	0.996	NO	bb
8	8 180525M1_9	Standard	100.000	5.81	228782.594	21516.758	132.910	111.8	11.8	NO	0.996	NO	bb
9	9 180525M1_10	Standard	250.000	5.81	464603.469	21420.742	271.118	228.2	-8.7	NO	0.996	NO	bb
10	10 180525M1_11	Standard	500.000	5.81	964518.875	20071.031	600.691	505.7	1.1	NO	0.996	NO	bb

Compound name: N-MeFOSACoefficient of Determination: $R^2 = 0.999806$ Calibration curve: $-9.3596e-005 * x^2 + 1.15174 * x + 0.132523$

Response type: Internal Std (Ref 54), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	1.250	5.97	164.131	15756.186	1.563	1.2	-0.7	NO	1.000	NO	bb
2	2 180525M1_3	Standard	2.500	5.97	331.885	16953.250	2.936	2.4	-2.6	NO	1.000	NO	bb
3	3 180525M1_4	Standard	5.000	5.97	656.312	16371.814	6.013	5.1	2.2	NO	1.000	NO	bb
4	4 180525M1_5	Standard	10.000	5.97	1386.223	16701.799	12.450	10.7	7.0	NO	1.000	NO	bb
5	5 180525M1_6	Standard	25.000	5.97	3202.499	16485.258	29.140	25.2	0.9	NO	1.000	NO	bb
6	6 180525M1_7	Standard	50.000	5.97	6839.241	17070.652	60.096	52.3	4.6	NO	1.000	NO	bb
7	7 180525M1_8	Standard	250.000	5.97	29149.852	15662.938	279.161	247.2	-1.1	NO	1.000	NO	bb
8	8 180525M1_9	Standard	500.000	5.97	59159.871	16432.461	540.027	488.1	-2.4	NO	1.000	NO	bb
9	9 180525M1_10	Standard	1250.000	5.97	133661.125	15283.149	1311.848	1270.0	1.6	NO	1.000	NO	bb
10	10 180525M1_11	Standard	2500.000	5.97	248008.906	16258.348	2288.138	2490.7	-0.4	NO	1.000	NO	bb

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Compound name: PFTrDACoefficient of Determination: $R^2 = 0.997823$ Calibration curve: $-6.22074e-005 * x^2 + 1.28815 * x + -0.0347038$

Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	0.250	6.06	698.724	24180.896	0.361	0.3	22.9	NO	0.998	NO	bb
2	2 180525M1_3	Standard	0.500	6.06	1214.542	24479.039	0.620	0.5	1.7	NO	0.998	NO	bb
3	3 180525M1_4	Standard	1.000	6.06	2111.782	25931.990	1.018	0.8	-18.3	NO	0.998	NO	bb
4	4 180525M1_5	Standard	2.000	6.06	4730.320	23273.377	2.541	2.0	-0.0	NO	0.998	NO	bb
5	5 180525M1_6	Standard	5.000	6.07	12334.978	22566.965	6.832	5.3	6.6	NO	0.998	NO	bb
6	6 180525M1_7	Standard	10.000	6.06	23121.941	26918.484	10.737	8.4	-16.3	NO	0.998	NO	bb
7	7 180525M1_8	Standard	50.000	6.07	111526.594	22451.469	62.093	48.3	-3.3	NO	0.998	NO	bb
8	8 180525M1_9	Standard	100.000	6.07	243268.531	21516.758	141.325	110.3	10.3	NO	0.998	NO	bb
9	9 180525M1_10	Standard	250.000	6.07	521721.750	21420.742	304.449	239.1	-4.3	NO	0.998	NO	bb
10	10 180525M1_11	Standard	500.000	6.07	1016298.250	20071.031	632.938	503.6	0.7	NO	0.998	NO	bb

Compound name: PFTeDACoefficient of Determination: $R^2 = 0.999006$ Calibration curve: $-0.000107603 * x^2 + 1.22963 * x + 0.0407587$

Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	0.250	6.28	563.798	22380.627	0.315	0.2	-10.8	NO	0.999	NO	bb
2	2 180525M1_3	Standard	0.500	6.29	1123.820	22295.170	0.630	0.5	-4.1	NO	0.999	NO	bb
3	3 180525M1_4	Standard	1.000	6.28	2194.117	20526.332	1.336	1.1	5.4	NO	0.999	NO	bb
4	4 180525M1_5	Standard	2.000	6.29	4303.240	19124.049	2.813	2.3	12.7	NO	0.999	NO	bb
5	5 180525M1_6	Standard	5.000	6.29	10563.748	21131.742	6.249	5.1	1.0	NO	0.999	NO	bb
6	6 180525M1_7	Standard	10.000	6.29	22238.088	22347.752	12.439	10.1	0.9	NO	0.999	NO	bb
7	7 180525M1_8	Standard	50.000	6.29	97471.430	20542.189	59.312	48.4	-3.2	NO	0.999	NO	bb
8	8 180525M1_9	Standard	100.000	6.29	194095.563	21021.625	115.414	94.6	-5.4	NO	0.999	NO	bb
9	9 180525M1_10	Standard	250.000	6.29	437148.625	17421.400	313.658	261.0	4.4	NO	0.999	NO	bb
10	10 180525M1_11	Standard	500.000	6.29	859593.563	18431.004	582.981	495.6	-0.9	NO	0.999	NO	bb

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Compound name: N-EtFOSACoefficient of Determination: $R^2 = 0.999907$ Calibration curve: $-2.82816e-005 * x^2 + 0.931418 * x + 0.0721149$

Response type: Internal Std (Ref 56), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	1,250	6.39	179,524	20816.029	1,294	1.3	4.9	NO	1,000	NO	bb
2	2 180525M1_3	Standard	2,500	6.39	373,407	22311.912	2,510	2.6	4.7	NO	1,000	NO	bb
3	3 180525M1_4	Standard	5,000	6.38	675,053	21404.875	4,731	5.0	0.0	NO	1,000	NO	bb
4	4 180525M1_5	Standard	10,000	6.39	1371,540	22378.498	9,193	9.8	-2.0	NO	1,000	NO	bb
5	5 180525M1_6	Standard	25,000	6.39	3105,119	21458.555	21,705	23.2	-7.0	NO	1,000	NO	bb
6	6 180525M1_7	Standard	50,000	6.39	6808,897	22587.791	45,216	48.5	-2.9	NO	1,000	NO	bb
7	7 180525M1_8	Standard	250,000	6.39	31338,943	19822.736	237,144	256.5	2.6	NO	1,000	NO	bb
8	8 180525M1_9	Standard	500,000	6.39	62523,523	20422.885	459,217	500.6	0.1	NO	1,000	NO	bb
9	9 180525M1_10	Standard	1250,000	6.39	136482,859	18369.064	1114,506	1243.4	-0.5	NO	1,000	NO	bb
10	10 180525M1_11	Standard	2500,000	6.39	254002,250	17687.977	2154,025	2502.7	0.1	NO	1,000	NO	bb

Compound name: PFHxDACoefficient of Determination: $R^2 = 0.999928$ Calibration curve: $-0.000181496 * x^2 + 0.613533 * x + 0.0675195$

Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	0,250	6.61	485,364	10923.178	0,222	0.3	0.8	NO	1,000	NO	bb
2	2 180525M1_3	Standard	0,500	6.61	923,783	12051.100	0,383	0.5	2.9	NO	1,000	NO	bb
3	3 180525M1_4	Standard	1,000	6.61	1613,168	11511.481	0,701	1.0	3.2	NO	1,000	NO	bb
4	4 180525M1_5	Standard	2,000	6.61	3008,805	11609.092	1,296	2.0	0.2	NO	1,000	NO	bb
5	5 180525M1_6	Standard	5,000	6.61	7164,805	11604.964	3,087	4.9	-1.4	NO	1,000	NO	bb
6	6 180525M1_7	Standard	10,000	6.61	14644,087	12651.160	5,788	9.3	-6.5	NO	1,000	NO	bb
7	7 180525M1_8	Standard	50,000	6.61	66660,938	11019.908	30,246	49.9	-0.2	NO	1,000	NO	bb
8	8 180525M1_9	Standard	100,000	6.61	138496,406	11510.938	60,159	101.0	1.0	NO	1,000	NO	bb
9	9 180525M1_10	Standard	250,000	6.61	312401,313	10992.019	142,104	250.0	-0.0	NO	1,000	NO	bb
10	10 180525M1_11	Standard	500,000	6.61	608564,750	11642.104	261,364	499.8	-0.0	NO	1,000	NO	bb

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Compound name: PFODACoefficient of Determination: $R^2 = 0.999944$ Calibration curve: $-0.000131591 * x^2 + 0.638677 * x + -0.00266753$

Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

#	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	0.250	6.84	357.183	10923.178	0.163	0.3	4.1	NO	1.000	NO	bb
2	2 180525M1_3	Standard	0.500	6.84	772.490	12051.100	0.321	0.5	1.2	NO	1.000	NO	bb
3	3 180525M1_4	Standard	1.000	6.84	1392.085	11511.481	0.605	1.0	-4.9	NO	1.000	NO	bb
4	4 180525M1_5	Standard	2.000	6.84	3007.104	11609.092	1.295	2.0	1.6	NO	1.000	NO	bb
5	5 180525M1_6	Standard	5.000	6.84	7366.389	11604.964	3.174	5.0	-0.4	NO	1.000	NO	bb
6	6 180525M1_7	Standard	10.000	6.84	15380.843	12651.160	6.079	9.5	-4.6	NO	1.000	NO	bb
7	7 180525M1_8	Standard	50.000	6.84	70896.477	11019.908	32.167	50.9	1.8	NO	1.000	NO	bb
8	8 180525M1_9	Standard	100.000	6.84	143181.516	11510.938	62.194	99.4	-0.6	NO	1.000	NO	bb
9	9 180525M1_10	Standard	250.000	6.84	333261.750	10992.019	151.593	250.3	0.1	NO	1.000	NO	bb
10	10 180525M1_11	Standard	500.000	6.84	666820.563	11642.104	286.383	499.9	-0.0	NO	1.000	NO	bb

Compound name: N-MeFOSECorrelation coefficient: $r = 0.999839$, $r^2 = 0.999679$ Calibration curve: $0.949765 * x + 0.0149853$

Response type: Internal Std (Ref 58), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	1.250	6.53	99.156	10953.221	1.358	1.4	13.1	NO	1.000	NO	bb
2	2 180525M1_3	Standard	2.500	6.54	151.569	11660.420	1.950	2.0	-18.5	NO	1.000	NO	bb
3	3 180525M1_4	Standard	5.000	6.54	335.689	10458.042	4.815	5.1	1.1	NO	1.000	NO	bb
4	4 180525M1_5	Standard	10.000	6.54	728.214	10990.667	9.939	10.4	4.5	NO	1.000	NO	bb
5	5 180525M1_6	Standard	25.000	6.54	1685.083	11135.397	22.699	23.9	-4.5	NO	1.000	NO	bb
6	6 180525M1_7	Standard	50.000	6.54	3627.534	11120.638	48.930	51.5	3.0	NO	1.000	NO	bb
7	7 180525M1_8	Standard	250.000	6.54	16559.703	10724.471	231.616	243.9	-2.5	NO	1.000	NO	bb
8	8 180525M1_9	Standard	500.000	6.54	37027.992	11254.921	493.491	519.6	3.9	NO	1.000	NO	bb
9	9 180525M1_10	Standard	1250.000	6.54	87372.703	10950.190	1196.866	1260.2	0.8	NO	1.000	NO	bd
10	10 180525M1_11	Standard	2500.000	6.54	180812.969	11534.023	2351.473	2475.8	-1.0	NO	1.000	NO	bb

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Compound name: N-EFOSE

Coefficient of Determination: $R^2 = 0.999845$

Calibration curve: $1.23111e-005 * x^2 + 1.14044 * x + 0.0573352$

Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	1,250	6.68	98,649	10262.747	1,442	1.2	-2.9	NO	1,000	NO	MM
2	2 180525M1_3	Standard	2,500	6.69	205,848	10759.165	2,870	2.5	-1.4	NO	1,000	NO	bb
3	3 180525M1_4	Standard	5,000	6.68	391,705	10255.037	5,729	5.0	-0.5	NO	1,000	NO	MM
4	4 180525M1_5	Standard	10,000	6.69	829,681	10760.517	11,566	10.1	0.9	NO	1,000	NO	bb
5	5 180525M1_6	Standard	25,000	6.69	2061,653	10585.061	29,216	25.6	2.2	NO	1,000	NO	bb
6	6 180525M1_7	Standard	50,000	6.68	4195,371	10956.853	57,435	50.3	0.6	NO	1,000	NO	bb
7	7 180525M1_8	Standard	250,000	6.69	18897,334	9920.127	285,742	249.8	-0.1	NO	1,000	NO	bb
8	8 180525M1_9	Standard	500,000	6.69	40161,148	10250.587	587,690	512.4	2.5	NO	1,000	NO	bb
9	9 180525M1_10	Standard	1250,000	6.69	93774,227	9903.098	1420,377	1229.1	-1.7	NO	1,000	NO	bb
10	10 180525M1_11	Standard	2500,000	6.69	203351,438	10383.963	2937,483	2507.8	0.3	NO	1,000	NO	bb

Compound name: 13C3-PFBA

Response Factor: 0.874255

RRF SD: 0.0180744, Relative SD: 2.0674

Response type: Internal Std (Ref 60), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	12,500	1.38	8984,927	10062.644	11,161	12.8	2.1	NO		NO	MM
2	2 180525M1_3	Standard	12,500	1.37	8477,848	9805.926	10,807	12.4	-1.1	NO		NO	MM
3	3 180525M1_4	Standard	12,500	1.38	8924,782	10079.501	11,068	12.7	1.3	NO		NO	MM
4	4 180525M1_5	Standard	12,500	1.36	8907,460	10091.007	11,034	12.6	1.0	NO		NO	bb
5	5 180525M1_6	Standard	12,500	1.37	8922,826	10653.826	10,469	12.0	-4.2	NO		NO	MM
6	6 180525M1_7	Standard	12,500	1.38	8755,347	9940.324	11,010	12.6	0.7	NO		NO	bb
7	7 180525M1_8	Standard	12,500	1.36	8512,127	9995.220	10,645	12.2	-2.6	NO		NO	MM
8	8 180525M1_9	Standard	12,500	1.37	8493,202	9687.418	10,959	12.5	0.3	NO		NO	bb
9	9 180525M1_10	Standard	12,500	1.38	8560,219	9768.164	10,954	12.5	0.2	NO		NO	MM
10	10 180525M1_11	Standard	12,500	1.38	8338,035	9327.350	11,174	12.8	2.3	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180525M1\180525M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time

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Compound name: 13C3-PFPeA

Response Factor: 0.834315

RRF SD: 0.0332786, Relative SD: 3.98874

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	12.500	2.37	14276.583	15905.675	11.220	13.4	7.6	NO		NO	bb
2	2 180525M1_3	Standard	12.500	2.36	14673.992	17329.475	10.585	12.7	1.5	NO		NO	bb
3	3 180525M1_4	Standard	12.500	2.37	13613.748	17102.916	9.950	11.9	-4.6	NO		NO	bb
4	4 180525M1_5	Standard	12.500	2.36	13992.268	17608.117	9.933	11.9	-4.8	NO		NO	bb
5	5 180525M1_6	Standard	12.500	2.37	14092.230	16550.535	10.643	12.8	2.1	NO		NO	bb
6	6 180525M1_7	Standard	12.500	2.37	14241.468	17190.041	10.356	12.4	-0.7	NO		NO	bb
7	7 180525M1_8	Standard	12.500	2.36	12761.769	15751.524	10.127	12.1	-2.9	NO		NO	bb
8	8 180525M1_9	Standard	12.500	2.37	13192.765	16018.915	10.295	12.3	-1.3	NO		NO	bb
9	9 180525M1_10	Standard	12.500	2.37	12143.966	14797.204	10.259	12.3	-1.6	NO		NO	bb
10	10 180525M1_11	Standard	12.500	2.37	11859.793	13573.136	10.922	13.1	4.7	NO		NO	bb

Compound name: 13C3-PFBS

Response Factor: 0.100675

RRF SD: 0.00347683, Relative SD: 3.4535

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	12.500	2.65	1730.578	15905.675	1.360	13.5	8.1	NO		NO	bb
2	2 180525M1_3	Standard	12.500	2.65	1756.119	17329.475	1.267	12.6	0.7	NO		NO	bb
3	3 180525M1_4	Standard	12.500	2.65	1675.970	17102.916	1.225	12.2	-2.7	NO		NO	bb
4	4 180525M1_5	Standard	12.500	2.65	1762.314	17608.117	1.251	12.4	-0.6	NO		NO	bb
5	5 180525M1_6	Standard	12.500	2.65	1687.449	16550.535	1.274	12.7	1.3	NO		NO	bb
6	6 180525M1_7	Standard	12.500	2.65	1689.914	17190.041	1.229	12.2	-2.4	NO		NO	bb
7	7 180525M1_8	Standard	12.500	2.65	1619.514	15751.524	1.285	12.8	2.1	NO		NO	bb
8	8 180525M1_9	Standard	12.500	2.65	1612.956	16018.915	1.259	12.5	0.0	NO		NO	bb
9	9 180525M1_10	Standard	12.500	2.65	1452.618	14797.204	1.227	12.2	-2.5	NO		NO	bb
10	10 180525M1_11	Standard	12.500	2.65	1311.103	13573.136	1.207	12.0	-4.1	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180525M1\180525M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time
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Compound name: 13C2-4:2 FTS

Response Factor: 0.238484

RRF SD: 0.0264348, Relative SD: 11.0845

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	12.500	3.07	3614.455	15905.675	2.841	11.9	-4.7	NO	NO	NO	bb
2	2 180525M1_3	Standard	12.500	3.07	3961.022	17329.475	2.857	12.0	-4.2	NO	NO	NO	bb
3	3 180525M1_4	Standard	12.500	3.07	3579.179	17102.916	2.616	11.0	-12.2	NO	NO	NO	bb
4	4 180525M1_5	Standard	12.500	3.07	3998.485	17608.117	2.839	11.9	-4.8	NO	NO	NO	bb
5	5 180525M1_6	Standard	12.500	3.07	3873.484	16550.535	2.925	12.3	-1.9	NO	NO	NO	bb
6	6 180525M1_7	Standard	12.500	3.07	3967.756	17190.041	2.985	12.1	-3.2	NO	NO	NO	bb
7	7 180525M1_8	Standard	12.500	3.07	4008.649	15751.524	3.181	13.3	6.7	NO	NO	NO	bb
8	8 180525M1_9	Standard	12.500	3.07	4747.259	16018.915	3.704	15.5	24.3	NO	NO	NO	bb
9	9 180525M1_10	Standard	12.500	3.07	5608.371	14797.204	4.738	19.9	58.9	NO	NO	NO	bbX
10	10 180525M1_11	Standard	12.500	3.07	7918.196	13573.136	7.292	30.6	144.6	NO	NO	NO	bbX

Compound name: 13C2-PFHxA

Response Factor: 0.731111

RRF SD: 0.0402207, Relative SD: 5.50131

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	5.000	3.17	5126.225	15905.675	4.029	5.5	10.2	NO	NO	NO	bb
2	2 180525M1_3	Standard	5.000	3.17	5031.866	17329.475	3.630	5.0	-0.7	NO	NO	NO	bb
3	3 180525M1_4	Standard	5.000	3.17	4991.322	17102.916	3.648	5.0	-0.2	NO	NO	NO	bb
4	4 180525M1_5	Standard	5.000	3.17	4541.463	17608.117	3.224	4.4	-11.8	NO	NO	NO	bb
5	5 180525M1_6	Standard	5.000	3.17	4715.089	16550.535	3.561	4.9	-2.6	NO	NO	NO	bb
6	6 180525M1_7	Standard	5.000	3.17	5179.762	17190.041	3.767	5.2	3.0	NO	NO	NO	bb
7	7 180525M1_8	Standard	5.000	3.17	4650.790	15751.524	3.691	5.0	1.0	NO	NO	NO	bb
8	8 180525M1_9	Standard	5.000	3.17	4597.551	16018.915	3.588	4.9	-1.9	NO	NO	NO	bb
9	9 180525M1_10	Standard	5.000	3.17	4332.988	14797.204	3.660	5.0	0.1	NO	NO	NO	bb
10	10 180525M1_11	Standard	5.000	3.17	4081.764	13573.136	3.759	5.1	2.8	NO	NO	NO	bb

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Dataset: F:\Projects\PFAS.PRO\Results\180525M1\180525M1-CRV_B.qld

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Compound name: 13C4-PFHpA

Response Factor: 0.819828

RRF SD: 0.0342695, Relative SD: 4.18008

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	12.500	3.81	14365.581	15905.675	11.290	13.8	10.2	NO	NO	NO	bb
2	2 180525M1_3	Standard	12.500	3.81	13678.406	17329.475	9.866	12.0	-3.7	NO	NO	NO	bb
3	3 180525M1_4	Standard	12.500	3.81	13720.450	17102.916	10.028	12.2	-2.1	NO	NO	NO	bb
4	4 180525M1_5	Standard	12.500	3.81	14229.270	17608.117	10.101	12.3	-1.4	NO	NO	NO	bb
5	5 180525M1_6	Standard	12.500	3.81	13635.495	16550.535	10.298	12.6	0.5	NO	NO	NO	bb
6	6 180525M1_7	Standard	12.500	3.81	14680.471	17190.041	10.675	13.0	4.2	NO	NO	NO	bb
7	7 180525M1_8	Standard	12.500	3.81	12543.187	15751.524	9.954	12.1	-2.9	NO	NO	NO	bb
8	8 180525M1_9	Standard	12.500	3.81	12923.884	16018.915	10.085	12.3	-1.6	NO	NO	NO	bb
9	9 180525M1_10	Standard	12.500	3.81	11897.898	14797.204	10.051	12.3	-1.9	NO	NO	NO	bb
10	10 180525M1_11	Standard	12.500	3.81	10999.687	13573.136	10.130	12.4	-1.1	NO	NO	NO	bb

Compound name: 18O2-PFHxS

Response Factor: 0.429298

RRF SD: 0.0175273, Relative SD: 4.08279

Response type: Internal Std (Ref 62), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	12.500	3.97	1452.075	3241.788	5.599	13.0	4.3	NO	NO	NO	bb
2	2 180525M1_3	Standard	12.500	3.97	1452.942	3399.684	5.342	12.4	-0.4	NO	NO	NO	bb
3	3 180525M1_4	Standard	12.500	3.97	1355.728	3189.952	5.312	12.4	-1.0	NO	NO	NO	bb
4	4 180525M1_5	Standard	12.500	3.97	1410.478	3388.663	5.203	12.1	-3.0	NO	NO	NO	bb
5	5 180525M1_6	Standard	12.500	3.97	1390.635	3410.313	5.097	11.9	-5.0	NO	NO	NO	bb
6	6 180525M1_7	Standard	12.500	3.97	1579.504	3612.942	5.465	12.7	1.8	NO	NO	NO	bb
7	7 180525M1_8	Standard	12.500	3.97	1204.129	3001.335	5.015	11.7	-6.5	NO	NO	NO	bb
8	8 180525M1_9	Standard	12.500	3.97	1340.306	3122.552	5.365	12.5	-0.0	NO	NO	NO	bb
9	9 180525M1_10	Standard	12.500	3.97	1258.198	2805.622	5.606	13.1	4.5	NO	NO	NO	bb
10	10 180525M1_11	Standard	12.500	3.97	1187.563	2623.864	5.658	13.2	5.4	NO	NO	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180525M1\180525M1-CRV_B.qld

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Response Factor: 0.235103

RRF SD: 0.0358851, Relative SD: 15.2636

Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	12.500	4.29	3857.897	17992.291	2.680	11.4	-8.8	NO	NO	NO	bb
2	2 180525M1_3	Standard	12.500	4.29	3918.921	20321.750	2.411	10.3	-18.0	NO	NO	NO	bb
3	3 180525M1_4	Standard	12.500	4.29	3924.259	17498.781	2.803	11.9	-4.6	NO	NO	NO	bb
4	4 180525M1_5	Standard	12.500	4.29	4241.210	17918.529	2.959	12.6	0.7	NO	NO	NO	bb
5	5 180525M1_6	Standard	12.500	4.30	4063.724	17135.963	2.964	12.6	0.9	NO	NO	NO	bb
6	6 180525M1_7	Standard	12.500	4.30	4441.150	19970.516	2.780	11.8	-5.4	NO	NO	NO	bb
7	7 180525M1_8	Standard	12.500	4.30	4049.578	17066.123	2.966	12.6	0.9	NO	NO	NO	bb
8	8 180525M1_9	Standard	12.500	4.30	4818.311	15258.169	3.947	16.8	34.3	NO	NO	NO	bb
9	9 180525M1_10	Standard	12.500	4.30	6190.807	15011.042	5.155	21.9	75.4	NO	NO	NO	bbX
10	10 180525M1_11	Standard	12.500	4.30	8768.965	15364.797	7.134	30.3	142.8	NO	NO	NO	bbX

Compound name: 13C2-PFOA

Response Factor: 1.22238

RRF SD: 0.0906385, Relative SD: 7.41493

Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	12.500	4.35	22612.455	17992.291	15.710	12.9	2.8	NO	NO	NO	bb
2	2 180525M1_3	Standard	12.500	4.35	24254.594	20321.750	14.919	12.2	-2.4	NO	NO	NO	bb
3	3 180525M1_4	Standard	12.500	4.35	21359.332	17498.781	15.258	12.5	-0.1	NO	NO	NO	bb
4	4 180525M1_5	Standard	12.500	4.35	21822.021	17918.529	15.223	12.5	-0.4	NO	NO	NO	bb
5	5 180525M1_6	Standard	12.500	4.35	20836.293	17135.963	15.199	12.4	-0.5	NO	NO	NO	bb
6	6 180525M1_7	Standard	12.500	4.35	22651.238	19970.516	14.178	11.6	-7.2	NO	NO	NO	bb
7	7 180525M1_8	Standard	12.500	4.35	18197.674	17066.123	13.329	10.9	-12.8	NO	NO	NO	bb
8	8 180525M1_9	Standard	12.500	4.36	21441.355	15258.169	17.565	14.4	15.0	NO	NO	NO	bb
9	9 180525M1_10	Standard	12.500	4.35	18196.951	15011.042	15.153	12.4	-0.8	NO	NO	NO	bb
10	10 180525M1_11	Standard	12.500	4.36	19990.219	15364.797	16.263	13.3	6.4	NO	NO	NO	bb

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Compound name: 13C5-PFNA

Response Factor: 0.950142

RRF SD: 0.033901, Relative SD: 3.568

Response type: Internal Std (Ref 64), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	12.500	4.80	19880.271	21928.744	11.332	11.9	-4.6	NO	NO	NO	bb
2	2 180525M1_3	Standard	12.500	4.80	20489.799	21265.979	12.044	12.7	1.4	NO	NO	NO	bb
3	3 180525M1_4	Standard	12.500	4.80	19766.260	19281.904	12.814	13.5	7.9	NO	NO	NO	bb
4	4 180525M1_5	Standard	12.500	4.80	20515.082	21314.010	12.031	12.7	1.3	NO	NO	NO	bb
5	5 180525M1_6	Standard	12.500	4.81	20568.072	22187.436	11.588	12.2	-2.4	NO	NO	NO	bb
6	6 180525M1_7	Standard	12.500	4.81	20322.598	21529.596	11.799	12.4	-0.7	NO	NO	NO	bb
7	7 180525M1_8	Standard	12.500	4.81	19215.346	20929.791	11.476	12.1	-3.4	NO	NO	NO	bb
8	8 180525M1_9	Standard	12.500	4.80	18977.676	19702.150	12.040	12.7	1.4	NO	NO	NO	bb
9	9 180525M1_10	Standard	12.500	4.80	15831.067	17073.078	11.591	12.2	-2.4	NO	NO	NO	bb
10	10 180525M1_11	Standard	12.500	4.81	16892.270	17519.922	12.052	12.7	1.5	NO	NO	NO	bb

Compound name: 13C8-PFOSA

Response Factor: 0.189745

RRF SD: 0.0107564, Relative SD: 5.66883

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	12.500	4.86	4651.495	24750.756	2.349	12.4	-1.0	NO	NO	NO	bb
2	2 180525M1_3	Standard	12.500	4.86	4846.121	26435.426	2.291	12.1	-3.4	NO	NO	NO	bb
3	3 180525M1_4	Standard	12.500	4.86	4542.504	24884.332	2.282	12.0	-3.8	NO	NO	NO	bb
4	4 180525M1_5	Standard	12.500	4.87	4806.554	24595.039	2.443	12.9	3.0	NO	NO	NO	bb
5	5 180525M1_6	Standard	12.500	4.87	4777.236	24763.268	2.411	12.7	1.7	NO	NO	NO	bb
6	6 180525M1_7	Standard	12.500	4.87	4875.018	26478.557	2.301	12.1	-3.0	NO	NO	NO	bb
7	7 180525M1_8	Standard	12.500	4.87	4130.682	23235.482	2.222	11.7	-6.3	NO	NO	NO	bb
8	8 180525M1_9	Standard	12.500	4.87	4475.839	22482.955	2.488	13.1	4.9	NO	NO	NO	bb
9	9 180525M1_10	Standard	12.500	4.87	3938.881	21774.287	2.261	11.9	-4.7	NO	NO	NO	bb
10	10 180525M1_11	Standard	12.500	4.87	3768.426	17654.514	2.668	14.1	12.5	NO	NO	NO	bb

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Dataset: F:\Projects\PFAS.PRO\Results\180525M1\180525M1-CRV_B.qld

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Compound name: 13C8-PFOS

Response Factor: 1.01762

RRF SD: 0.0377568, Relative SD: 3.71031

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	12.500	4.88	3714.974	3597.208	12.909	12.7	1.5	NO	NO	NO	bb
2	2 180525M1_3	Standard	12.500	4.89	3733.130	3616.570	12.903	12.7	1.4	NO	NO	NO	bb
3	3 180525M1_4	Standard	12.500	4.89	3357.152	3516.077	11.935	11.7	-6.2	NO	NO	NO	bb
4	4 180525M1_5	Standard	12.500	4.89	3649.021	3592.315	12.697	12.5	-0.2	NO	NO	NO	bb
5	5 180525M1_6	Standard	12.500	4.89	3717.998	3563.067	13.044	12.8	2.5	NO	NO	NO	bb
6	6 180525M1_7	Standard	12.500	4.89	3683.319	3745.415	12.293	12.1	-3.4	NO	NO	NO	bb
7	7 180525M1_8	Standard	12.500	4.89	3352.026	3255.927	12.869	12.6	1.2	NO	NO	NO	bb
8	8 180525M1_9	Standard	12.500	4.89	3554.527	3293.597	13.490	13.3	6.1	NO	NO	NO	bb
9	9 180525M1_10	Standard	12.500	4.89	3172.820	3063.430	12.946	12.7	1.8	NO	NO	NO	bb
10	10 180525M1_11	Standard	12.500	4.89	3069.990	3167.278	12.116	11.9	-4.7	NO	NO	NO	bb

Compound name: 13C2-PFDA

Response Factor: 1.17539

RRF SD: 0.0887232, Relative SD: 7.54841

Response type: Internal Std (Ref 66), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	12.500	5.19	28062.512	23505.023	14.924	12.7	1.6	NO	NO	NO	bb
2	2 180525M1_3	Standard	12.500	5.19	30175.443	23314.352	16.179	13.8	10.1	NO	NO	NO	bb
3	3 180525M1_4	Standard	12.500	5.19	26087.115	24553.916	13.281	11.3	-9.6	NO	NO	NO	bb
4	4 180525M1_5	Standard	12.500	5.19	27283.352	22993.537	14.832	12.6	1.0	NO	NO	NO	bb
5	5 180525M1_6	Standard	12.500	5.19	27886.818	21519.400	16.199	13.8	10.3	NO	NO	NO	bb
6	6 180525M1_7	Standard	12.500	5.19	29149.025	24359.586	14.958	12.7	1.8	NO	NO	NO	bb
7	7 180525M1_8	Standard	12.500	5.19	23700.508	21845.480	13.561	11.5	-7.7	NO	NO	NO	bb
8	8 180525M1_9	Standard	12.500	5.19	22758.154	21771.756	13.066	11.1	-11.1	NO	NO	NO	bb
9	9 180525M1_10	Standard	12.500	5.19	23407.189	18996.893	15.402	13.1	4.8	NO	NO	NO	bb
10	10 180525M1_11	Standard	12.500	5.19	22616.637	19466.566	14.523	12.4	-1.2	NO	NO	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time
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Compound name: 13C2-8:2 FTS

Response Factor: 0.245345
RRF SD: 0.0464945, Relative SD: 18.9506
Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)
Curve type: RF

# Name	Type	Std Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	180525M1_2	Standard	12.500	5.16	3961.187	15905.675	3.113	12.7	1.5	NO	NO	bb
2	180525M1_3	Standard	12.500	5.16	3935.213	17329.475	2.839	11.6	-7.4	NO	NO	bb
3	180525M1_4	Standard	12.500	5.16	3598.491	17102.916	2.630	10.7	-14.2	NO	NO	bb
4	180525M1_5	Standard	12.500	5.16	3629.668	17608.117	2.577	10.5	-16.0	NO	NO	bb
5	180525M1_6	Standard	12.500	5.16	3605.245	16550.535	2.723	11.1	-11.2	NO	NO	bb
6	180525M1_7	Standard	12.500	5.16	3953.403	17190.041	2.875	11.7	-6.3	NO	NO	bb
7	180525M1_8	Standard	12.500	5.16	3584.082	15751.524	2.844	11.6	-7.3	NO	NO	bb
8	180525M1_9	Standard	12.500	5.16	4657.303	16018.915	3.634	14.8	18.5	NO	NO	bb
9	180525M1_10	Standard	12.500	5.16	5169.459	14797.204	4.367	17.8	42.4	NO	NO	bb
10	180525M1_11	Standard	12.500	5.16	8139.980	13573.136	7.496	30.6	144.4	NO	NO	bbX

Compound name: d3-N-MeFOSAA

Response Factor: 0.201555
RRF SD: 0.0278264, Relative SD: 13.8059
Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
Curve type: RF

# Name	Type	Std Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	180525M1_2	Standard	12.500	5.34	5001.719	24750.756	2.526	12.5	0.3	NO	NO	bb
2	180525M1_3	Standard	12.500	5.34	4370.162	26435.426	2.066	10.3	-18.0	NO	NO	bb
3	180525M1_4	Standard	12.500	5.34	4404.925	24884.332	2.213	11.0	-12.2	NO	NO	bb
4	180525M1_5	Standard	12.500	5.34	4803.831	24595.039	2.441	12.1	-3.1	NO	NO	bb
5	180525M1_6	Standard	12.500	5.34	4789.028	24763.268	2.417	12.0	-4.0	NO	NO	bb
6	180525M1_7	Standard	12.500	5.34	5138.163	26478.557	2.426	12.0	-3.7	NO	NO	bb
7	180525M1_8	Standard	12.500	5.34	4673.313	23235.482	2.514	12.5	-0.2	NO	NO	bb
8	180525M1_9	Standard	12.500	5.34	4792.203	22482.955	2.664	13.2	5.8	NO	NO	bb
9	180525M1_10	Standard	12.500	5.34	4433.436	21774.287	2.545	12.6	1.0	NO	NO	bb
10	180525M1_11	Standard	12.500	5.34	4775.403	17654.514	3.381	16.8	34.2	NO	NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

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Compound name: d5-N-EtFOSAA

Response Factor: 0.242306

RRF SD: 0.00865525, Relative SD: 3.57203

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	12.500	5.50	6024.138	24750.756	3.042	12.6	0.4	NO		NO	bb
2	2 180525M1_3	Standard	12.500	5.50	6105.688	26435.426	2.887	11.9	-4.7	NO		NO	bb
3	3 180525M1_4	Standard	12.500	5.50	6070.057	24884.332	3.049	12.6	0.7	NO		NO	bb
4	4 180525M1_5	Standard	12.500	5.50	6128.344	24595.039	3.115	12.9	2.8	NO		NO	bb
5	5 180525M1_6	Standard	12.500	5.50	5918.756	24763.268	2.988	12.3	-1.4	NO		NO	bb
6	6 180525M1_7	Standard	12.500	5.50	6151.505	26478.557	2.904	12.0	-4.1	NO		NO	bb
7	7 180525M1_8	Standard	12.500	5.50	5472.128	23235.482	2.944	12.1	-2.8	NO		NO	bb
8	8 180525M1_9	Standard	12.500	5.50	5695.064	22482.955	3.166	13.1	4.5	NO		NO	bb
9	9 180525M1_10	Standard	12.500	5.50	5200.478	21774.287	2.985	12.3	-1.4	NO		NO	bb
10	10 180525M1_11	Standard	12.500	5.50	4530.494	17654.514	3.208	13.2	5.9	NO		NO	bb

Compound name: 13C2-PFUDa

Response Factor: 1.06161

RRF SD: 0.0857833, Relative SD: 3.0805

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	12.500	5.52	29008.850	24750.756	14.650	13.8	10.4	NO		NO	bb
2	2 180525M1_3	Standard	12.500	5.52	26964.682	26435.426	12.750	12.0	-3.9	NO		NO	bb
3	3 180525M1_4	Standard	12.500	5.52	25085.207	24884.332	12.601	11.9	-5.0	NO		NO	bb
4	4 180525M1_5	Standard	12.500	5.52	26484.002	24595.039	13.460	12.7	1.4	NO		NO	bb
5	5 180525M1_6	Standard	12.500	5.52	26147.830	24763.268	13.199	12.4	-0.5	NO		NO	bb
6	6 180525M1_7	Standard	12.500	5.52	26735.160	26478.557	12.621	11.9	-4.9	NO		NO	bb
7	7 180525M1_8	Standard	12.500	5.52	22710.441	23235.482	12.218	11.5	-7.9	NO		NO	bb
8	8 180525M1_9	Standard	12.500	5.53	22101.438	22482.955	12.288	11.6	-7.4	NO		NO	bb
9	9 180525M1_10	Standard	12.500	5.52	23285.998	21774.287	13.368	12.6	0.7	NO		NO	bb
10	10 180525M1_11	Standard	12.500	5.53	21956.740	17654.514	15.546	14.6	17.2	NO		NO	bb

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Compound name: 13C2-PFDoA

Response Factor: 1.04754

RRF SD: 0.0415997, Relative SD: 3.97118

Response type: Internal Std (Ref 66), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	12.500	5.81	24180.896	23505.023	12.859	12.3	-1.8	NO	NO	NO	bb
2	2 180525M1_3	Standard	12.500	5.81	24479.039	23314.352	13.124	12.5	0.2	NO	NO	NO	bb
3	3 180525M1_4	Standard	12.500	5.81	25931.990	24553.916	13.202	12.6	0.8	NO	NO	NO	bb
4	4 180525M1_5	Standard	12.500	5.81	23273.377	22993.537	12.652	12.1	-3.4	NO	NO	NO	bb
5	5 180525M1_6	Standard	12.500	5.81	22566.965	21519.400	13.109	12.5	0.1	NO	NO	NO	bb
6	6 180525M1_7	Standard	12.500	5.81	26918.484	24359.586	13.813	13.2	5.5	NO	NO	NO	bb
7	7 180525M1_8	Standard	12.500	5.81	22451.469	21845.480	12.847	12.3	-1.9	NO	NO	NO	bb
8	8 180525M1_9	Standard	12.500	5.81	21516.758	21771.756	12.354	11.8	-5.7	NO	NO	NO	bb
9	9 180525M1_10	Standard	12.500	5.81	21420.742	18996.893	14.095	13.5	7.6	NO	NO	NO	bb
10	10 180525M1_11	Standard	12.500	5.81	20071.031	19466.566	12.888	12.3	-1.6	NO	NO	NO	bb

Compound name: d3-N-MeFOSA

Response Factor: 0.0579424

RRF SD: 0.00703392, Relative SD: 12.1395

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	150.000	5.99	15756.186	24750.756	7.957	137.3	-8.4	NO	NO	NO	bb
2	2 180525M1_3	Standard	150.000	6.00	16953.250	26435.426	8.016	138.4	-7.8	NO	NO	NO	bb
3	3 180525M1_4	Standard	150.000	5.99	16371.814	24884.332	8.224	141.9	-5.4	NO	NO	NO	bb
4	4 180525M1_5	Standard	150.000	5.99	16701.799	24595.039	8.488	146.5	-2.3	NO	NO	NO	bb
5	5 180525M1_6	Standard	150.000	6.00	16485.258	24763.268	8.321	143.6	-4.3	NO	NO	NO	bb
6	6 180525M1_7	Standard	150.000	6.00	17070.652	26478.557	8.059	139.1	-7.3	NO	NO	NO	bb
7	7 180525M1_8	Standard	150.000	6.00	15662.938	23235.482	8.426	145.4	-3.1	NO	NO	NO	bb
8	8 180525M1_9	Standard	150.000	6.00	16432.461	22482.955	9.136	157.7	5.1	NO	NO	NO	bb
9	9 180525M1_10	Standard	150.000	6.00	15283.149	21774.287	8.774	151.4	0.9	NO	NO	NO	bb
10	10 180525M1_11	Standard	150.000	6.00	16258.348	17654.514	11.511	198.7	32.4	NO	NO	NO	bb

Dataset: F:\Projects\PFAS\PRO\Results\180525M1\180525M1-CRV_B.qld

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Compound name: 13C2-PFTeDA

Response Factor: 0.871056
RRF SD: 0.0767295, Relative SD: 8.80879
Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
Curve type: RF

#	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	180525M1_2	Standard	12.500	6.28	22380.627	24750.756	11.303	13.0	3.8	NO	NO	NO	bb
2	180525M1_3	Standard	12.500	6.29	22295.170	26435.426	10.542	12.1	-3.2	NO	NO	NO	bb
3	180525M1_4	Standard	12.500	6.28	20526.332	24884.332	10.311	11.8	-5.3	NO	NO	NO	bb
4	180525M1_5	Standard	12.500	6.28	19124.049	24595.039	9.719	11.2	-10.7	NO	NO	NO	bb
5	180525M1_6	Standard	12.500	6.29	21131.742	24763.268	10.667	12.2	-2.0	NO	NO	NO	bb
6	180525M1_7	Standard	12.500	6.29	22347.752	26478.557	10.550	12.1	-3.1	NO	NO	NO	bb
7	180525M1_8	Standard	12.500	6.29	20542.189	23235.482	11.051	12.7	1.5	NO	NO	NO	bb
8	180525M1_9	Standard	12.500	6.29	21021.625	22482.955	11.888	13.4	7.3	NO	NO	NO	bb
9	180525M1_10	Standard	12.500	6.29	17421.400	21774.287	10.001	11.5	-8.1	NO	NO	NO	bb
10	180525M1_11	Standard	12.500	6.29	18431.004	17654.514	13.050	15.0	19.9	NO	NO	NO	bb

Compound name: d5-NETFOSA

Response Factor: 0.0731809
RRF SD: 0.00418355, Relative SD: 5.71673
Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)
Curve type: RF

#	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	180525M1_2	Standard	150.000	6.39	20816.029	24750.756	10.513	143.7	-4.2	NO	NO	NO	bb
2	180525M1_3	Standard	150.000	6.40	22311.912	26435.426	10.550	144.2	-3.9	NO	NO	NO	bb
3	180525M1_4	Standard	150.000	6.40	21404.875	24884.332	10.752	146.9	-2.0	NO	NO	NO	bb
4	180525M1_5	Standard	150.000	6.40	22378.498	24595.039	11.373	155.4	3.6	NO	NO	NO	bb
5	180525M1_6	Standard	150.000	6.40	21458.555	24763.268	10.832	148.0	-1.3	NO	NO	NO	bb
6	180525M1_7	Standard	150.000	6.40	22587.791	26478.557	10.663	145.7	-2.9	NO	NO	NO	bb
7	180525M1_8	Standard	150.000	6.40	19822.736	23235.482	10.664	145.7	-2.9	NO	NO	NO	bb
8	180525M1_9	Standard	150.000	6.40	20422.885	22482.955	11.355	155.2	3.4	NO	NO	NO	bb
9	180525M1_10	Standard	150.000	6.40	18369.064	21774.287	10.545	144.1	-3.9	NO	NO	NO	bb
10	180525M1_11	Standard	150.000	6.40	17687.977	17654.514	12.524	171.1	14.1	NO	NO	NO	bb

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MassLynx MassLynx V4.1 SCN945 SCN960

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Compound name: 13C2-PFHxDA

Response Factor: 1.23219

RRF SD: 0.155438, Relative SD: 12.6148

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	5,000	6.61	10923.178	24750.756	5,517	4.5	-10.5	NO		NO	bb
2	2 180525M1_3	Standard	5,000	6.61	12051.100	26435.426	5,698	4.6	-7.5	NO		NO	bb
3	3 180525M1_4	Standard	5,000	6.61	11511.481	24884.332	5,782	4.7	-6.1	NO		NO	bb
4	4 180525M1_5	Standard	5,000	6.61	11609.092	24595.039	5,900	4.8	-4.2	NO		NO	bb
5	5 180525M1_6	Standard	5,000	6.61	11604.964	24763.268	5,858	4.8	-4.9	NO		NO	bb
6	6 180525M1_7	Standard	5,000	6.61	12651.160	26478.557	5,972	4.8	-3.1	NO		NO	bb
7	7 180525M1_8	Standard	5,000	6.61	11019.908	23235.482	5,928	4.8	-3.8	NO		NO	bb
8	8 180525M1_9	Standard	5,000	6.61	11510.938	22482.955	6,400	5.2	3.9	NO		NO	bb
9	9 180525M1_10	Standard	5,000	6.61	10992.019	21774.287	6,310	5.1	2.4	NO		NO	bb
10	10 180525M1_11	Standard	5,000	6.61	11642.104	17654.514	8,243	6.7	33.8	NO		NO	bb

Compound name: d7-N-MeFOSE

Response Factor: 0.0394899

RRF SD: 0.00576399, Relative SD: 14.5961

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	150,000	6.53	10953.221	24750.756	5,532	140.1	-6.6	NO		NO	bb
2	2 180525M1_3	Standard	150,000	6.53	11660.420	26435.426	5,514	139.6	-6.9	NO		NO	bb
3	3 180525M1_4	Standard	150,000	6.53	10458.042	24884.332	5,253	133.0	-11.3	NO		NO	bb
4	4 180525M1_5	Standard	150,000	6.53	10990.667	24595.039	5,586	141.4	-5.7	NO		NO	bb
5	5 180525M1_6	Standard	150,000	6.53	11135.397	24763.268	5,621	142.3	-5.1	NO		NO	bb
6	6 180525M1_7	Standard	150,000	6.53	11120.639	26478.557	5,250	132.9	-11.4	NO		NO	bb
7	7 180525M1_8	Standard	150,000	6.53	10724.471	23235.482	5,769	146.1	-2.6	NO		NO	bd
8	8 180525M1_9	Standard	150,000	6.53	11254.921	22482.955	6,257	158.5	5.6	NO		NO	bb
9	9 180525M1_10	Standard	150,000	6.53	10950.190	21774.287	6,286	159.2	6.1	NO		NO	bb
10	10 180525M1_11	Standard	150,000	6.53	11534.023	17654.514	8,166	206.8	37.9	NO		NO	bb

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Compound name: d9-N-EtFOSE

Response Factor: 0.0369863

RRF SD: 0.00446287, Relative SD: 12.0663

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc.	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excludst
1	1 180525M1_2	Standard	150.000	6.67	10262.747	24750.756	5.183	140.1	-6.6	NO		NO	bb
2	2 180525M1_3	Standard	150.000	6.68	10759.165	26435.426	5.087	137.6	-8.3	NO		NO	bb
3	3 180525M1_4	Standard	150.000	6.68	10255.037	24884.332	5.151	139.3	-7.1	NO		NO	bb
4	4 180525M1_5	Standard	150.000	6.67	10760.517	24595.039	5.469	147.9	-1.4	NO		NO	bb
5	5 180525M1_6	Standard	150.000	6.68	10585.061	24763.268	5.343	144.5	-3.7	NO		NO	bb
6	6 180525M1_7	Standard	150.000	6.68	10956.853	26478.557	5.173	139.8	-6.8	NO		NO	MM
7	7 180525M1_8	Standard	150.000	6.68	9920.127	23235.482	5.337	144.3	-3.8	NO		NO	bb
8	8 180525M1_9	Standard	150.000	6.68	10250.587	22482.955	5.699	154.1	2.7	NO		NO	bb
9	9 180525M1_10	Standard	150.000	6.68	9903.098	21774.287	5.685	153.7	2.5	NO		NO	bb
10	10 180525M1_11	Standard	150.000	6.68	10383.963	17654.514	7.352	198.8	32.5	NO		NO	bb

Compound name: 13C4-PFBA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 60), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc.	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excludst
1	1 180525M1_2	Standard	12.500	1.38	10062.644	10062.644	12.500	12.5	0.0	NO		NO	bb
2	2 180525M1_3	Standard	12.500	1.37	9805.926	9805.926	12.500	12.5	0.0	NO		NO	bb
3	3 180525M1_4	Standard	12.500	1.38	10079.501	10079.501	12.500	12.5	0.0	NO		NO	bb
4	4 180525M1_5	Standard	12.500	1.36	10091.007	10091.007	12.500	12.5	0.0	NO		NO	bb
5	5 180525M1_6	Standard	12.500	1.37	10653.826	10653.826	12.500	12.5	0.0	NO		NO	bb
6	6 180525M1_7	Standard	12.500	1.38	9940.324	9940.324	12.500	12.5	0.0	NO		NO	bb
7	7 180525M1_8	Standard	12.500	1.36	9995.220	9995.220	12.500	12.5	0.0	NO		NO	bb
8	8 180525M1_9	Standard	12.500	1.37	9687.418	9687.418	12.500	12.5	0.0	NO		NO	bb
9	9 180525M1_10	Standard	12.500	1.37	9768.164	9768.164	12.500	12.5	0.0	NO		NO	bb
10	10 180525M1_11	Standard	12.500	1.38	9327.350	9327.350	12.500	12.5	0.0	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180525M1\180525M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time
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Compound name: 13C5-PFHxA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 61), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	180525M1_2	Standard	12.500	3.17	15905.675	15905.675	12.500	12.5	0.0	NO		NO	bb
2	180525M1_3	Standard	12.500	3.16	17329.475	17329.475	12.500	12.5	0.0	NO		NO	bb
3	180525M1_4	Standard	12.500	3.17	17102.916	17102.916	12.500	12.5	0.0	NO		NO	bb
4	180525M1_5	Standard	12.500	3.17	17608.117	17608.117	12.500	12.5	0.0	NO		NO	bb
5	180525M1_6	Standard	12.500	3.17	16550.535	16550.535	12.500	12.5	0.0	NO		NO	bb
6	180525M1_7	Standard	12.500	3.17	17190.041	17190.041	12.500	12.5	0.0	NO		NO	bb
7	180525M1_8	Standard	12.500	3.17	15751.524	15751.524	12.500	12.5	0.0	NO		NO	bb
8	180525M1_9	Standard	12.500	3.17	16018.915	16018.915	12.500	12.5	0.0	NO		NO	bb
9	180525M1_10	Standard	12.500	3.17	14797.204	14797.204	12.500	12.5	0.0	NO		NO	bb
10	180525M1_11	Standard	12.500	3.17	13573.136	13573.136	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C3-PFHxS

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 62), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	180525M1_2	Standard	12.500	3.97	3241.788	3241.788	12.500	12.5	0.0	NO		NO	bb
2	180525M1_3	Standard	12.500	3.97	3399.684	3399.684	12.500	12.5	0.0	NO		NO	bb
3	180525M1_4	Standard	12.500	3.97	3189.952	3189.952	12.500	12.5	0.0	NO		NO	bb
4	180525M1_5	Standard	12.500	3.97	3388.663	3388.663	12.500	12.5	0.0	NO		NO	bb
5	180525M1_6	Standard	12.500	3.97	3410.313	3410.313	12.500	12.5	0.0	NO		NO	bb
6	180525M1_7	Standard	12.500	3.97	3612.942	3612.942	12.500	12.5	0.0	NO		NO	bb
7	180525M1_8	Standard	12.500	3.97	3001.335	3001.335	12.500	12.5	0.0	NO		NO	bb
8	180525M1_9	Standard	12.500	3.97	3122.552	3122.552	12.500	12.5	0.0	NO		NO	bb
9	180525M1_10	Standard	12.500	3.97	2805.622	2805.622	12.500	12.5	0.0	NO		NO	bb
10	180525M1_11	Standard	12.500	3.97	2623.864	2623.864	12.500	12.5	0.0	NO		NO	bb

Vista Analytical Laboratory

MassLynx MassLynx V4.1 SCN945 SCN960

Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time

Printed: Saturday, May 26, 2018 15:29:58 Pacific Daylight Time

Compound name: 13C8-PFOA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 63), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc.	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	12.500	4.35	17992.291	17992.291	12.500	12.5	0.0	NO		NO	bb
2	2 180525M1_3	Standard	12.500	4.35	20321.750	20321.750	12.500	12.5	0.0	NO		NO	bb
3	3 180525M1_4	Standard	12.500	4.35	17498.781	17498.781	12.500	12.5	0.0	NO		NO	bb
4	4 180525M1_5	Standard	12.500	4.35	17918.529	17918.529	12.500	12.5	0.0	NO		NO	bb
5	5 180525M1_6	Standard	12.500	4.35	17135.963	17135.963	12.500	12.5	0.0	NO		NO	bb
6	6 180525M1_7	Standard	12.500	4.35	19970.516	19970.516	12.500	12.5	0.0	NO		NO	bb
7	7 180525M1_8	Standard	12.500	4.35	17066.123	17066.123	12.500	12.5	0.0	NO		NO	bb
8	8 180525M1_9	Standard	12.500	4.35	15258.169	15258.169	12.500	12.5	0.0	NO		NO	bb
9	9 180525M1_10	Standard	12.500	4.35	15011.042	15011.042	12.500	12.5	0.0	NO		NO	bb
10	10 180525M1_11	Standard	12.500	4.35	15364.797	15364.797	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C9-PFNA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 64), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc.	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	12.500	4.80	21928.744	21928.744	12.500	12.5	0.0	NO		NO	bb
2	2 180525M1_3	Standard	12.500	4.80	21265.979	21265.979	12.500	12.5	0.0	NO		NO	bb
3	3 180525M1_4	Standard	12.500	4.80	19281.904	19281.904	12.500	12.5	0.0	NO		NO	bb
4	4 180525M1_5	Standard	12.500	4.80	21314.010	21314.010	12.500	12.5	0.0	NO		NO	bb
5	5 180525M1_6	Standard	12.500	4.81	22187.436	22187.436	12.500	12.5	0.0	NO		NO	bb
6	6 180525M1_7	Standard	12.500	4.80	21529.596	21529.596	12.500	12.5	0.0	NO		NO	bb
7	7 180525M1_8	Standard	12.500	4.80	20929.791	20929.791	12.500	12.5	0.0	NO		NO	bb
8	8 180525M1_9	Standard	12.500	4.80	19702.150	19702.150	12.500	12.5	0.0	NO		NO	bb
9	9 180525M1_10	Standard	12.500	4.80	17073.078	17073.078	12.500	12.5	0.0	NO		NO	bb
10	10 180525M1_11	Standard	12.500	4.80	17519.922	17519.922	12.500	12.5	0.0	NO		NO	bb

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Dataset: F:\Projects\PFAS.PRO\Results\180525M1\180525M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time

Printed: Saturday, May 26, 2018 15:29:58 Pacific Daylight Time

Compound name: 13C4-PFOS

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 65), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	12.500	4.88	3597.208	3597.208	12.500	12.5	0.0	NO		NO	bb
2	2 180525M1_3	Standard	12.500	4.89	3616.570	3616.570	12.500	12.5	0.0	NO		NO	bb
3	3 180525M1_4	Standard	12.500	4.89	3516.077	3516.077	12.500	12.5	0.0	NO		NO	bb
4	4 180525M1_5	Standard	12.500	4.89	3592.315	3592.315	12.500	12.5	0.0	NO		NO	bb
5	5 180525M1_6	Standard	12.500	4.89	3563.067	3563.067	12.500	12.5	0.0	NO		NO	bb
6	6 180525M1_7	Standard	12.500	4.89	3745.415	3745.415	12.500	12.5	0.0	NO		NO	bb
7	7 180525M1_8	Standard	12.500	4.89	3255.927	3255.927	12.500	12.5	0.0	NO		NO	bb
8	8 180525M1_9	Standard	12.500	4.89	3293.597	3293.597	12.500	12.5	0.0	NO		NO	bb
9	9 180525M1_10	Standard	12.500	4.89	3063.430	3063.430	12.500	12.5	0.0	NO		NO	bb
10	10 180525M1_11	Standard	12.500	4.89	3167.278	3167.278	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C6-PFDA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 66), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180525M1_2	Standard	12.500	5.19	23505.023	23505.023	12.500	12.5	0.0	NO		NO	bb
2	2 180525M1_3	Standard	12.500	5.19	23314.352	23314.352	12.500	12.5	0.0	NO		NO	bb
3	3 180525M1_4	Standard	12.500	5.19	24553.916	24553.916	12.500	12.5	0.0	NO		NO	bb
4	4 180525M1_5	Standard	12.500	5.19	22993.537	22993.537	12.500	12.5	0.0	NO		NO	bb
5	5 180525M1_6	Standard	12.500	5.19	21519.400	21519.400	12.500	12.5	0.0	NO		NO	bb
6	6 180525M1_7	Standard	12.500	5.19	24359.586	24359.586	12.500	12.5	0.0	NO		NO	bb
7	7 180525M1_8	Standard	12.500	5.19	21845.480	21845.480	12.500	12.5	0.0	NO		NO	bb
8	8 180525M1_9	Standard	12.500	5.19	21771.756	21771.756	12.500	12.5	0.0	NO		NO	bb
9	9 180525M1_10	Standard	12.500	5.19	18996.893	18996.893	12.500	12.5	0.0	NO		NO	bb
10	10 180525M1_11	Standard	12.500	5.19	19466.566	19466.566	12.500	12.5	0.0	NO		NO	bb

Dataset: F:\Projects\PFAS.PRO\Results\180525M1\180525M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time

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Compound name: 13C7-PFUDa

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 67), Area * (IS Conc. / IS Area)

Curve type: RF

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	180525M1_2	Standard	12.500	5.52	24750.756	24750.756	12.500	12.5	0.0	NO		NO	bb
2	180525M1_3	Standard	12.500	5.52	26435.426	26435.426	12.500	12.5	0.0	NO		NO	bb
3	180525M1_4	Standard	12.500	5.52	24884.332	24884.332	12.500	12.5	0.0	NO		NO	bb
4	180525M1_5	Standard	12.500	5.52	24595.039	24595.039	12.500	12.5	0.0	NO		NO	bb
5	180525M1_6	Standard	12.500	5.52	24763.268	24763.268	12.500	12.5	0.0	NO		NO	bb
6	180525M1_7	Standard	12.500	5.52	26478.557	26478.557	12.500	12.5	0.0	NO		NO	bb
7	180525M1_8	Standard	12.500	5.52	23235.482	23235.482	12.500	12.5	0.0	NO		NO	bb
8	180525M1_9	Standard	12.500	5.52	22482.955	22482.955	12.500	12.5	0.0	NO		NO	bb
9	180525M1_10	Standard	12.500	5.52	21774.287	21774.287	12.500	12.5	0.0	NO		NO	bb
10	180525M1_11	Standard	12.500	5.52	17654.514	17654.514	12.500	12.5	0.0	NO		NO	bb

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Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time

Printed: Saturday, May 26, 2018 15:30:42 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052518.mdb 26 May 2018 13:03:04

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Name: 180525M1_2, Date: 25-May-2018, Time: 14:53:24, ID: ST180525M1-1 PFC CS-2 18E2202, Description: PFC CS-2 18E2202

#	Name	IS#	CoD	CoD Flag	%RSD
1	1 PFBA	36	1.0000	NO	
2	2 PFPeA	37	0.9999	NO	
3	3 PFBS	38	0.9994	NO	
4	4 4,2-FTS	39	0.9997	NO	
5	5 PFHxA	40	0.9996	NO	
6	6 PFPeS	38	0.9996	NO	
7	7 PFHpA	41	0.9996	NO	
8	8 L-PFHxS	42	0.9997	NO	
9	10 6,2-FTS	43	0.9992	NO	
10	11 L-PFOA	44	0.9978	NO	
11	13 PFHpS	44	0.9992	NO	
12	14 PFNA	45	0.9999	NO	
13	15 PFOSA	46	0.9997	NO	
14	16 L-PFOS	47	0.9997	NO	
15	18 PFDA	48	0.9967	NO	
16	19 8,2-FTS	49	0.9998	NO	
17	20 PFNS	47	0.9997	NO	
18	21 L-MeFOSAA	50	0.9996	NO	
19	23 L-EFOSAA	51	0.9994	NO	

Quantify Sample Summary Report

Vista Analytical Laboratory

MassLynx MassLynx V4.1 SCN945 SCN960

Dataset: F:\Projects\PFAS.PRO\Results\180525M1\180525M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time

Printed: Saturday, May 26, 2018 15:30:50 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052518.mdb 26 May 2018 13:03:04

Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Name: 180525M1_2, Date: 25-May-2018, Time: 14:53:24, ID: ST180525M1-1 PFC CS-2 18E2202, Description: PFC CS-2 18E2202

#	Name	IS#	CoD	CoD Flag	%RSD
1	25 PFUdA	52	0.9990	NO	
2	26 PFDS	52	0.9989	NO	
3	27 PFDoA	53	0.9958	NO	
4	28 N-MeFOSA	54	0.9998	NO	
5	29 PFTdA	53	0.9978	NO	
6	30 PFTeDA	55	0.9990	NO	
7	31 N-EiFOSA	56	0.9999	NO	
8	32 PFHxDA	57	0.9999	NO	
9	33 PFODA	57	0.9999	NO	
10	34 N-MeFOSE	58	0.9997	NO	
11	35 N-EiFOSE	59	0.9998	NO	
12	36 13C3-PFBA	60		NO	2.067
13	37 13C3-PFPeA	61		NO	3.989
14	38 13C3-PFBS	61		NO	3.454
15	39 13C2-4:2 FTS	61		NO	11.085
16	40 13C2-PFHxA	61		NO	5.501
17	41 13C4-PFHpA	61		NO	4.180
18	42 18O2-PFHxS	62		NO	4.083
19	43 13C2-6:2 FTS	63		NO	15.264
20	44 13C2-PFOA	63		NO	7.415
21	45 13C5-PFNA	64		NO	3.568
22	46 13C8-PFOA	67		NO	5.669
23	47 13C8-PFOS	65		NO	3.710
24	48 13C2-PFDA	66		NO	7.548
25	49 13C2-8:2 FTS	61		NO	18.951
26	50 d3-N-MeFOSAA	67		NO	13.805
27	51 d5-N-EiFOSAA	67		NO	3.572
28	52 13C2-PFUdA	67		NO	8.080
29	53 13C2-PFDoA	66		NO	3.971
30	54 d3-N-MeFOSA	67		NO	12.139
31	55 13C2-PFTeDA	67		NO	8.809
32	56 d5-N-EiFOSA	67		NO	5.717

Dataset: F:\Projects\PFAS.PRO\Results\180525M1\180525M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time

Printed: Saturday, May 26, 2018 15:30:50 Pacific Daylight Time

Name: 180525M1_2, Date: 25-May-2018, Time: 14:53:24, ID: ST180525M1-1 PFC CS-2 18E2202, Description: PFC CS-2 18E2202

#	Name	IS#	CxID	CxID Flag	%RSD
33	57 13C2-PFHxDA	67		NO	12.615
34	58 d7-N-MeFOSE	67		NO	14.596
35	59 d9-N-EtFOSE	67		NO	12.066
36	60 13C4-PFBA	60		NO	0.000
37	61 13C5-PFHxA	61		NO	0.000
38	62 13C3-PFHxS	62		NO	0.000
39	63 13C8-PFOA	63		NO	0.000
40	64 13C9-PFNA	64		NO	0.000
41	65 13C4-PFOS	65		NO	0.000
42	66 13C6-PFDA	66		NO	0.000
43	67 13C7-PFUDa	67		NO	0.000

Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 13:39:00 Pacific Daylight Time

Printed: Saturday, May 26, 2018 13:55:07 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052518.mdb 26 May 2018 13:23:14
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 13:39:00

Name: 180525M1_7, Date: 25-May-2018, Time: 15:50:23, ID: ST180525M1-6 PFC CS3 18E2207, Description: PFC CS3 18E2207

	Name	Ion Ratio	Ratio out?
1	PFBA		
2	PFPeA		
3	PFBS	2.463	NO
4	4:2 FTS	1.770	NO
5	PFHxA	336.037	NO
6	PFPeS	1.671	NO
7	PFHpA	28.544	NO
8	L-PFHxS	1.554	NO
9	6:2 FTS	3.110	NO
10	L-PFOA	5.003	NO
11	PFHpS	2.080	NO
12	PFNA	5.751	NO
13	PFOSA	29.191	NO
14	L-PFOS	1.856	NO
15	PFDA	7.214	NO
16	8:2 FTS	2.776	NO
17	PFNS	1.693	NO
18	L-N-MeFOSAA	12.964	NO
19	L-N-EtFOSAA	10.091	NO

Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 13:39:00 Pacific Daylight Time

Printed: Saturday, May 26, 2018 13:55:15 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052518.mdb 26 May 2018 13:23:14
Calibration: F:\Projects\PFAS.PRO\CurveDB\18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 13:39:00

Name: 180525M1_7, Date: 25-May-2018, Time: 15:50:23, ID: ST180525M1-6 PFC CS3 18E2207, Description: PFC CS3 18E2207

	Name	Ion Ratio	Ratio out?
1	PFUdA	15.437	NO
2	PFDS	2.210	NO
3	PFDaA	9.604	NO
4	N-MeFOSA	1.305	NO
5	PFTIDA	28.019	NO
6	PFTeDA	13.292	NO
7	N-EIFOSA	1.338	NO
8	PFHxDA	42.670	NO
9	PFODA		
10	N-MeFOSE		
11	N-EIFOSE		
12	13C3-PFBA		
13	13C3-PFPeA		
14	13C3-PFBS		
15	13C2-4:2 FTS		
16	13C2-PFHxA		
17	13C4-PFHpA		
18	18O2-PFHxS		
19	13C2-6:2 FTS		
20	13C2-PFOA		
21	13C5-PFNA		
22	13C8-PFOSA		
23	13C8-PFOS		
24	13C2-PFDA		
25	13C2-8:2 FTS		
26	d3-N-MeFOSAA		
27	d5-N-EIFOSAA		
28	13C2-PFUdA		
29	13C2-PFDaA		
30	d3-N-MeFOSA		
31	13C2-PFTeDA		

Quantify Compound Summary Report **MassLynx MassLynx V4.1 SCN945 SCN960**
 Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Saturday, May 26, 2018 14:26:00 Pacific Daylight Time
 Printed: Saturday, May 26, 2018 14:26:16 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052518.mdb 26 May 2018 14:09:10
 Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 14:17:02

Compound name: PFBA

#	Name	ID	Acq.Date	Acq.Time
1	1 180525M1_1	IPA	25-May-18	14:42:00
2	2 180525M1_2	ST180525M1-1 PFC CS-2 18E2202	25-May-18	14:53:24
3	3 180525M1_3	ST180525M1-2 PFC CS-1 18E2203	25-May-18	15:04:47
4	4 180525M1_4	ST180525M1-3 PFC CS0 18E2204	25-May-18	15:16:11
5	5 180525M1_5	ST180525M1-4 PFC CS1 18E2205	25-May-18	15:27:35
6	6 180525M1_6	ST180525M1-5 PFC CS2 18E2206	25-May-18	15:38:59
7	7 180525M1_7	ST180525M1-6 PFC CS3 18E2207	25-May-18	15:50:23
8	8 180525M1_8	ST180525M1-7 PFC CS4 18E2208	25-May-18	16:01:46
9	9 180525M1_9	ST180525M1-8 PFC CS5 18E2209	25-May-18	16:13:10
10	10 180525M1_10	ST180525M1-9 PFC CS6 18E2210	25-May-18	16:24:34
11	11 180525M1_11	ST180525M1-10 PFC CS7 18E2211	25-May-18	16:35:58
12	12 180525M1_12	IPA	25-May-18	16:47:21
13	13 180525M1_13	ICV180525M1-1 PFC 537 ICV 18E1401	25-May-18	16:58:44
14	14 180525M1_14	IPA	25-May-18	17:10:08

Quantify Calibration Report **MassLynx MassLynx V4.1 SCN945 SCN960**
 Vista Analytical Laboratory Q1

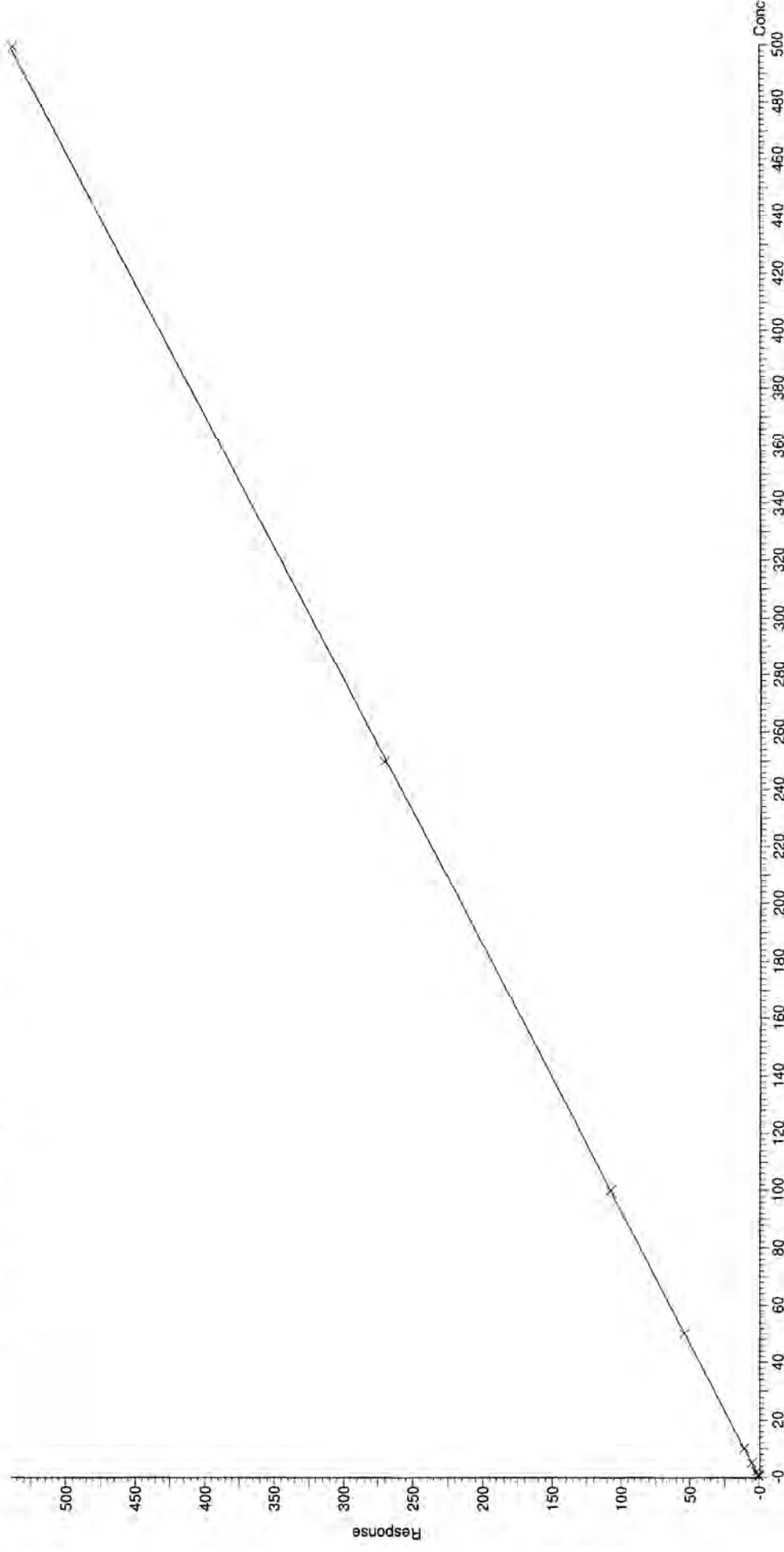
Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time

Printed: Saturday, May 26, 2018 15:31:05 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052518.mdb 26 May 2018 13:03:04
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Compound name: PFBA
 Correlation coefficient: $r = 0.999981$, $r^2 = 0.999962$
 Calibration curve: $1.07822 \cdot x + 0.00264682$
 Response type: Internal Std (Ref 36), Area * (IS Conc. / IS Area)
 Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

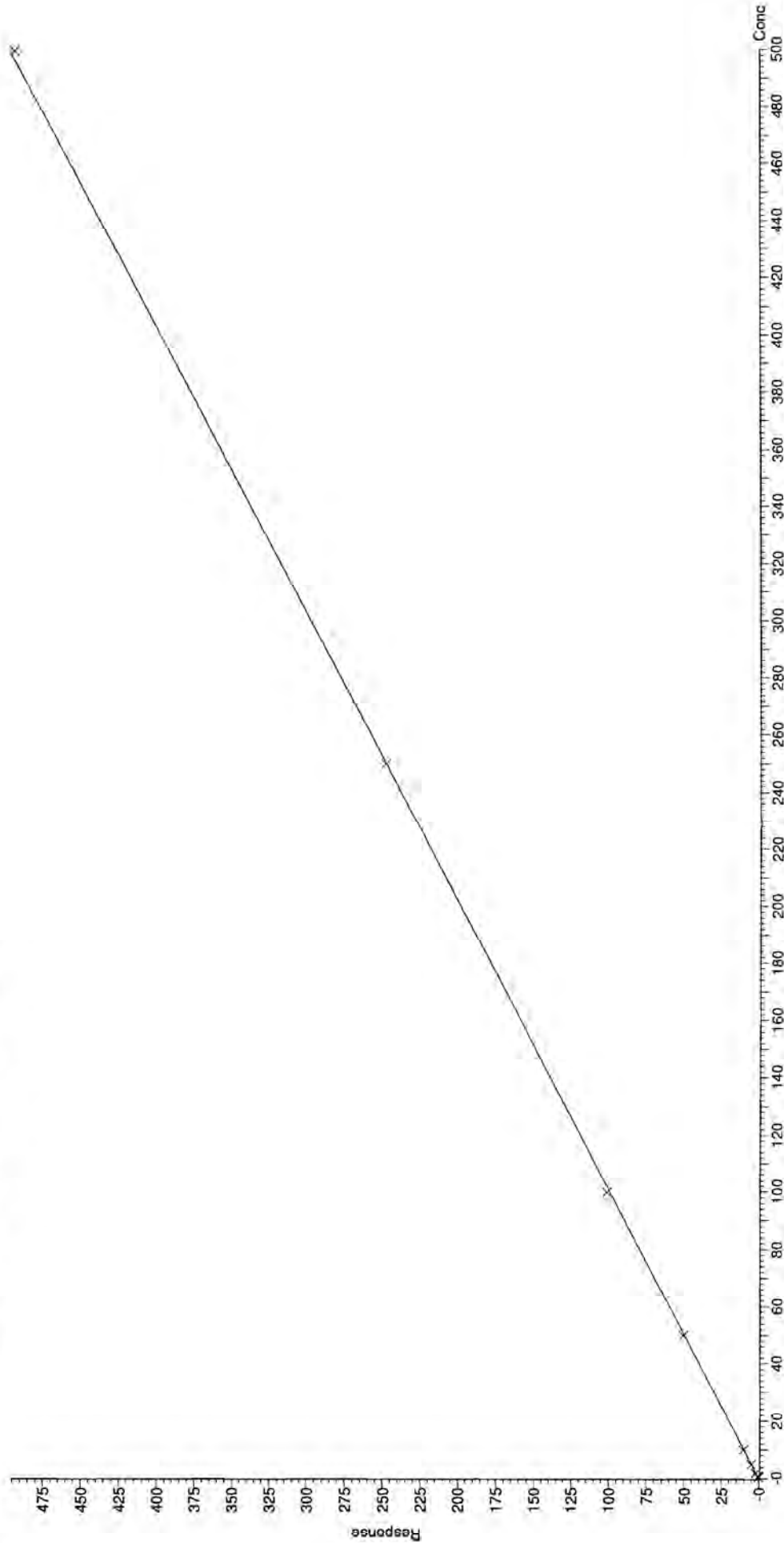


Quantify Calibration Report **MassLynx MassLynx V4.1 SCN945 SCN960**
Vista Analytical Laboratory Q1

Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time
Printed: Saturday, May 26, 2018 15:31:05 Pacific Daylight Time

Compound name: PFPeA
Correlation coefficient: $r = 0.999954$, $r^2 = 0.999907$
Calibration curve: $0.991002 \cdot x + 0.0305916$
Response type: Internal Std (Ref 37), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time

Printed: Saturday, May 26, 2018 15:31:05 Pacific Daylight Time

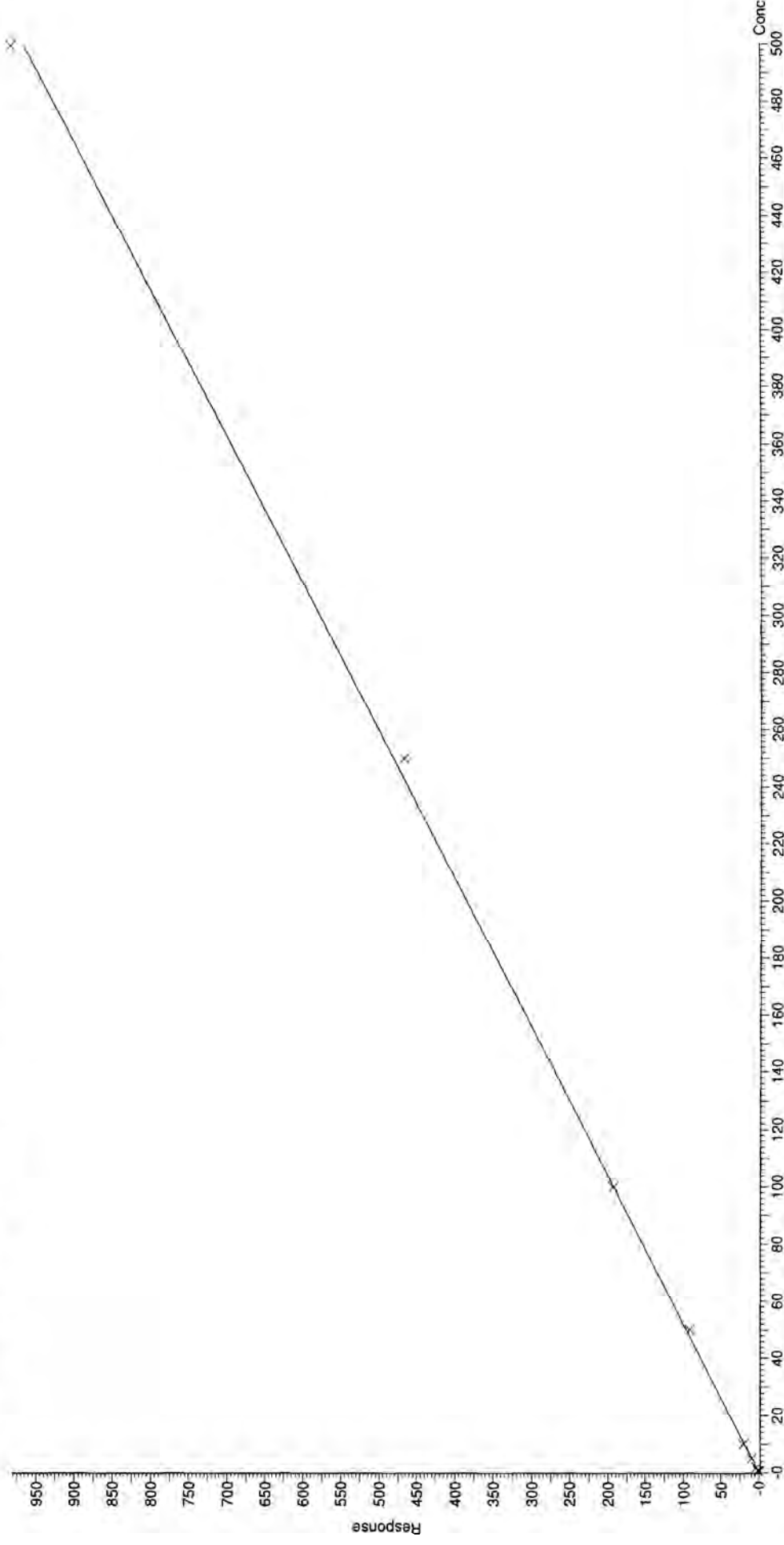
Compound name: PFBS

Correlation coefficient: $r = 0.999688$, $r^2 = 0.999375$

Calibration curve: $1.92824 \cdot x + 0.0146273$

Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Quantify Calibration Report MassLynx V4.1 SCN945 SCN960

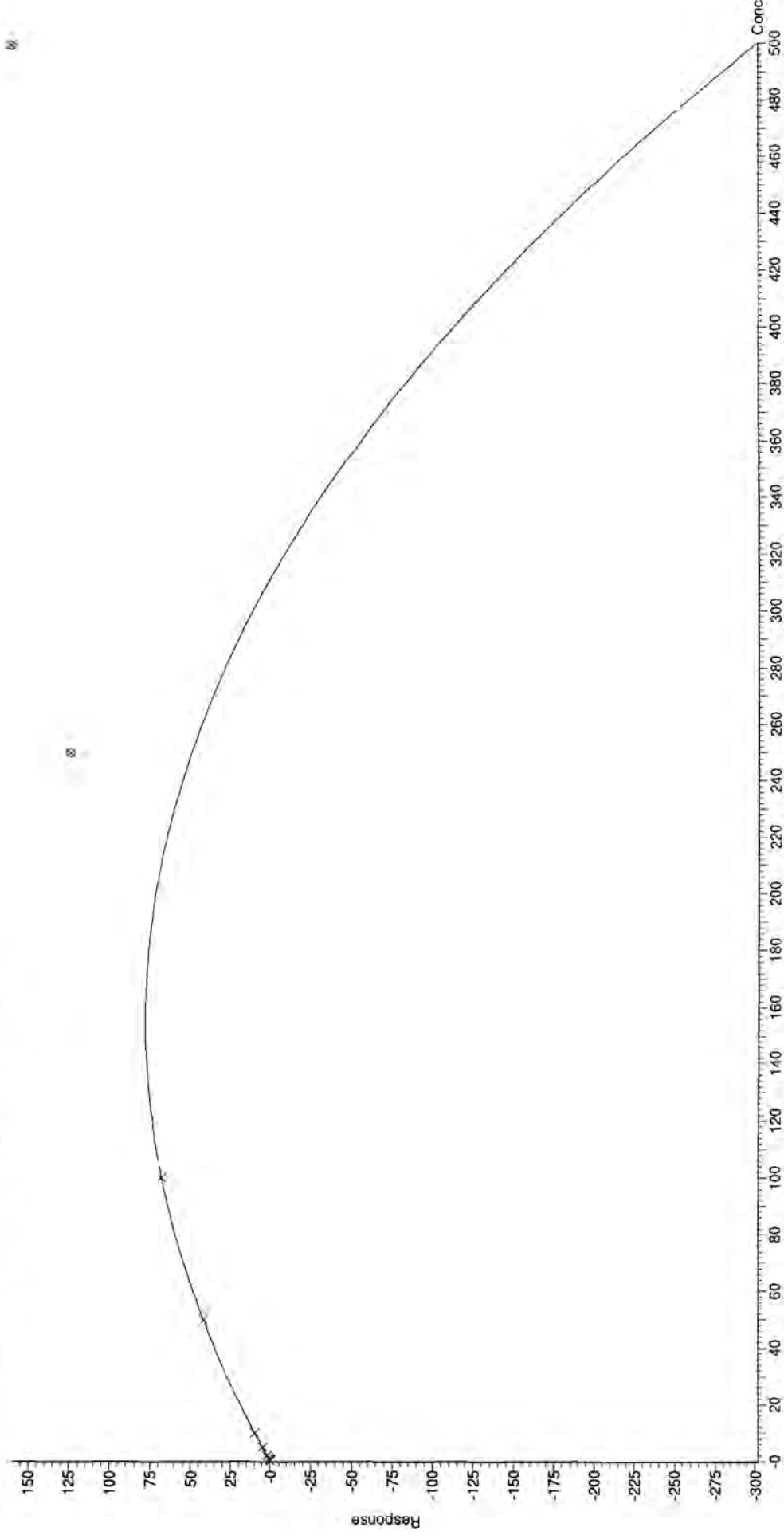
Vista Analytical Laboratory Q1

Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time

Printed: Saturday, May 26, 2018 15:31:05 Pacific Daylight Time

Compound name: 4:2 FTS
 Coefficient of Determination: $R^2 = 0.999712$
 Calibration curve: $-0.00320315 \cdot x^2 + 0.99909 \cdot x + -0.0195138$
 Response type: Internal Std (Ref 39), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Quantify Calibration Report **MassLynx MassLynx V4.1 SCN945 SCN960**

Vista Analytical Laboratory Q1

Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time

Printed: Saturday, May 26, 2018 15:31:05 Pacific Daylight Time

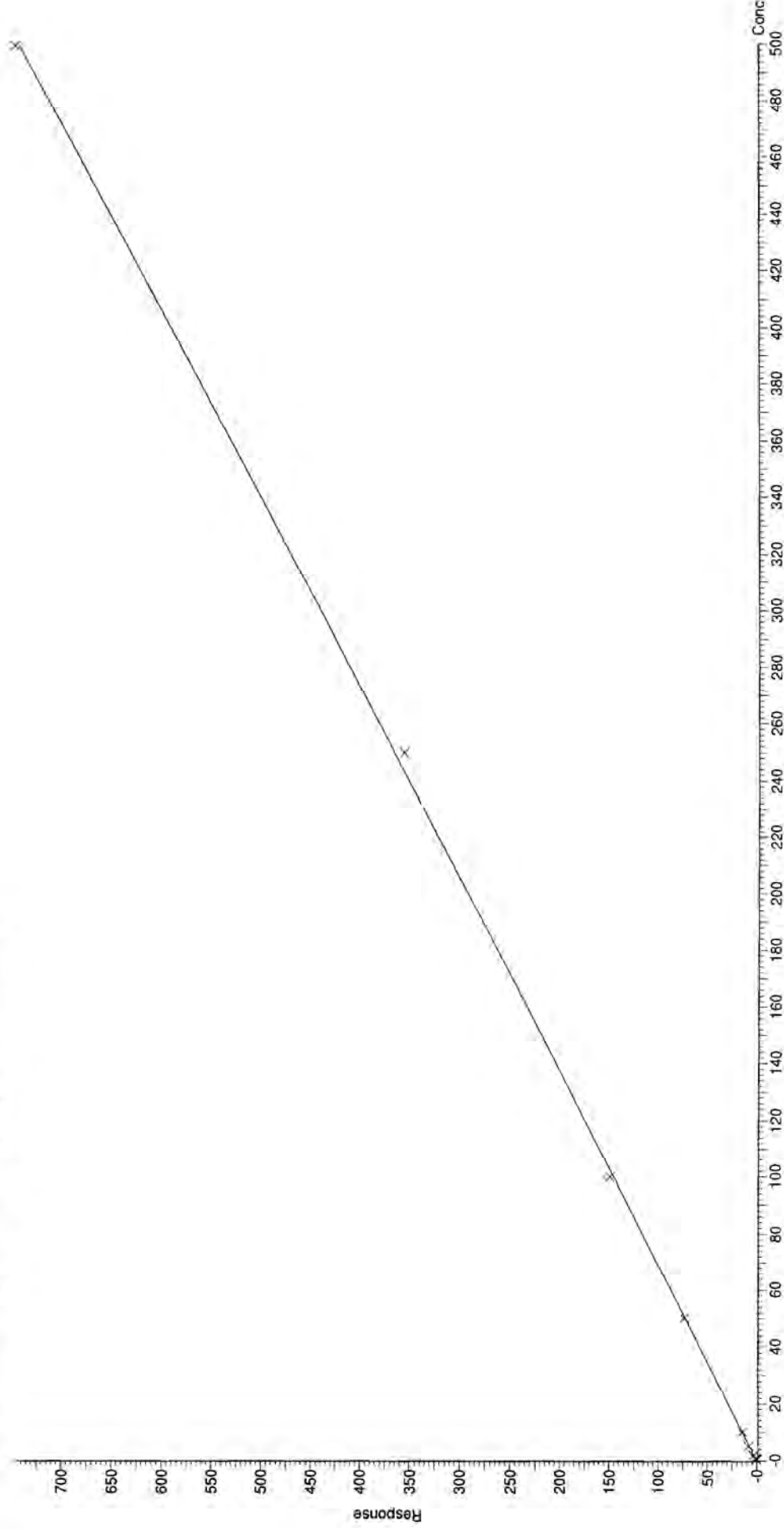
Compound name: PFHxA

Coefficient of Determination: $R^2 = 0.999618$

Calibration curve: $6.8818e-005 * x^2 + 1.44663 * x + 0.0709462$

Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None

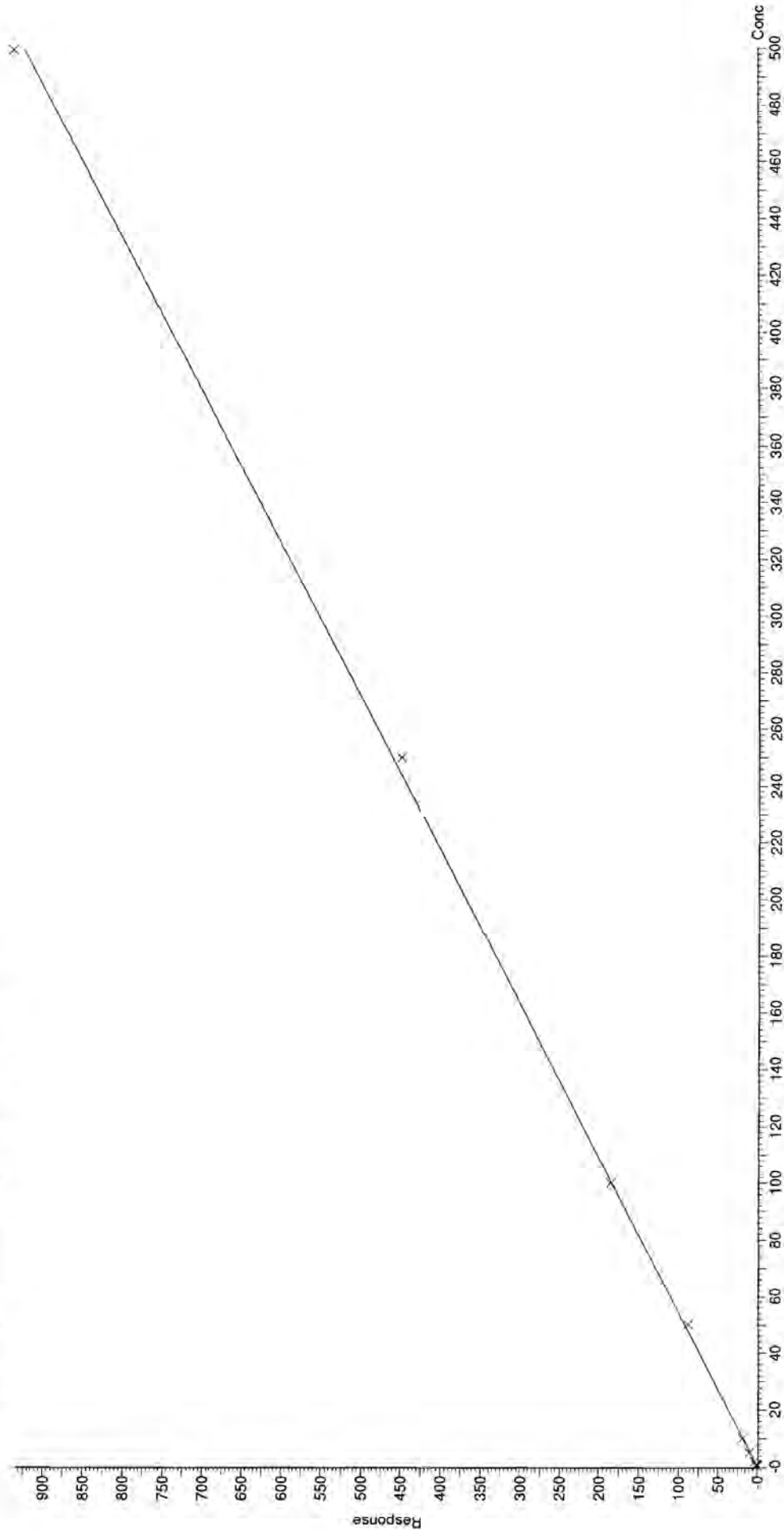


Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time

Printed: Saturday, May 26, 2018 15:31:05 Pacific Daylight Time

Compound name: PFPeS
Correlation coefficient: $r = 0.999775$, $r^2 = 0.999550$
Calibration curve: $1.84065 \cdot x + -0.0790766$
Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: $1/x$, Axis trans: None

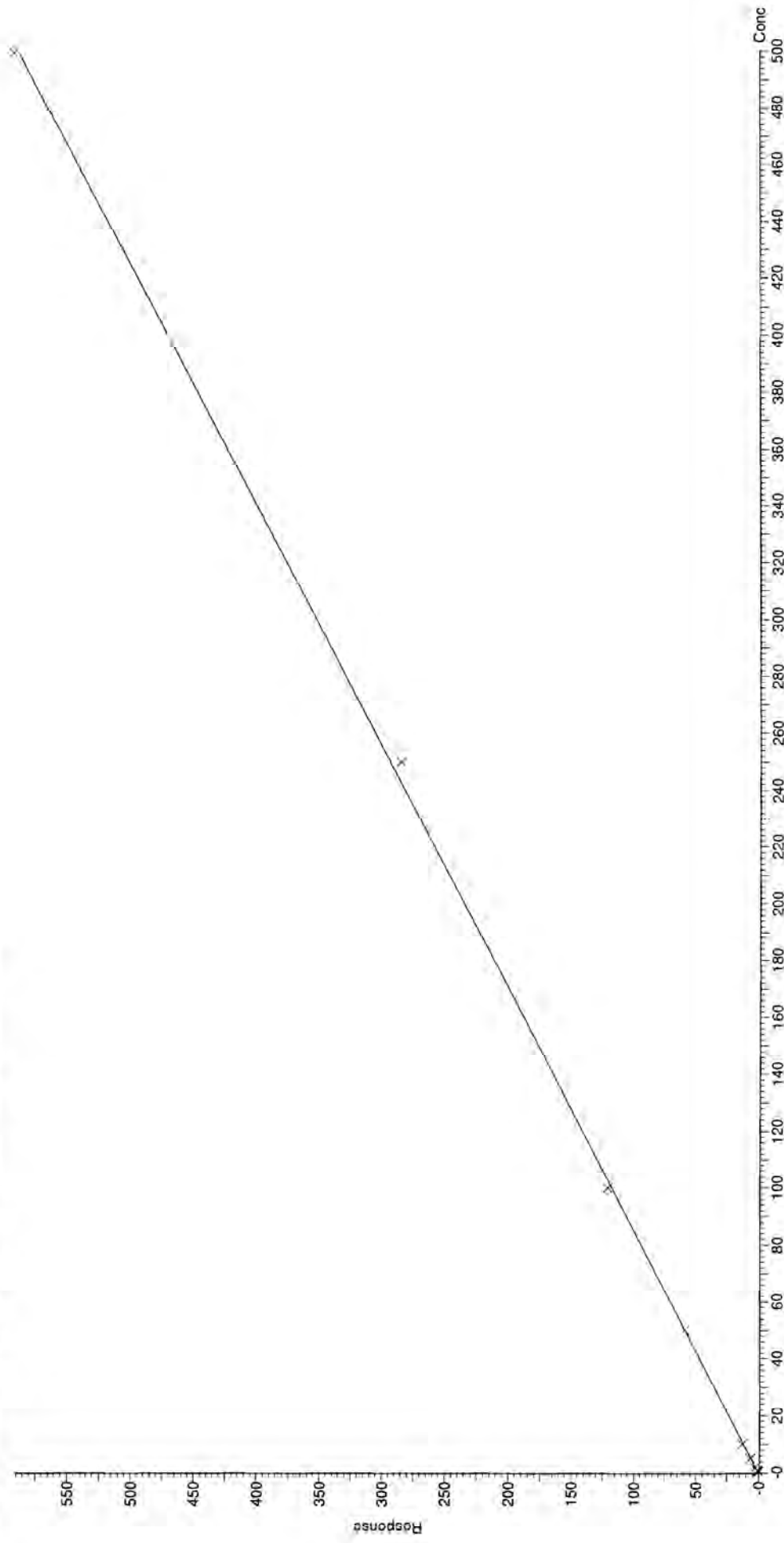


Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time

Printed: Saturday, May 26, 2018 15:31:05 Pacific Daylight Time

Compound name: PFHpA
 Correlation coefficient: $r = 0.999794$, $r^2 = 0.999588$
 Calibration curve: $1.17332 \cdot x + 0.0693902$
 Response type: Internal Std (Ref 41), Area * (IS Conc. / IS Area)
 Curve type: Linear, Origin: Exclude, Weighting: $1/x$, Axis trans: None



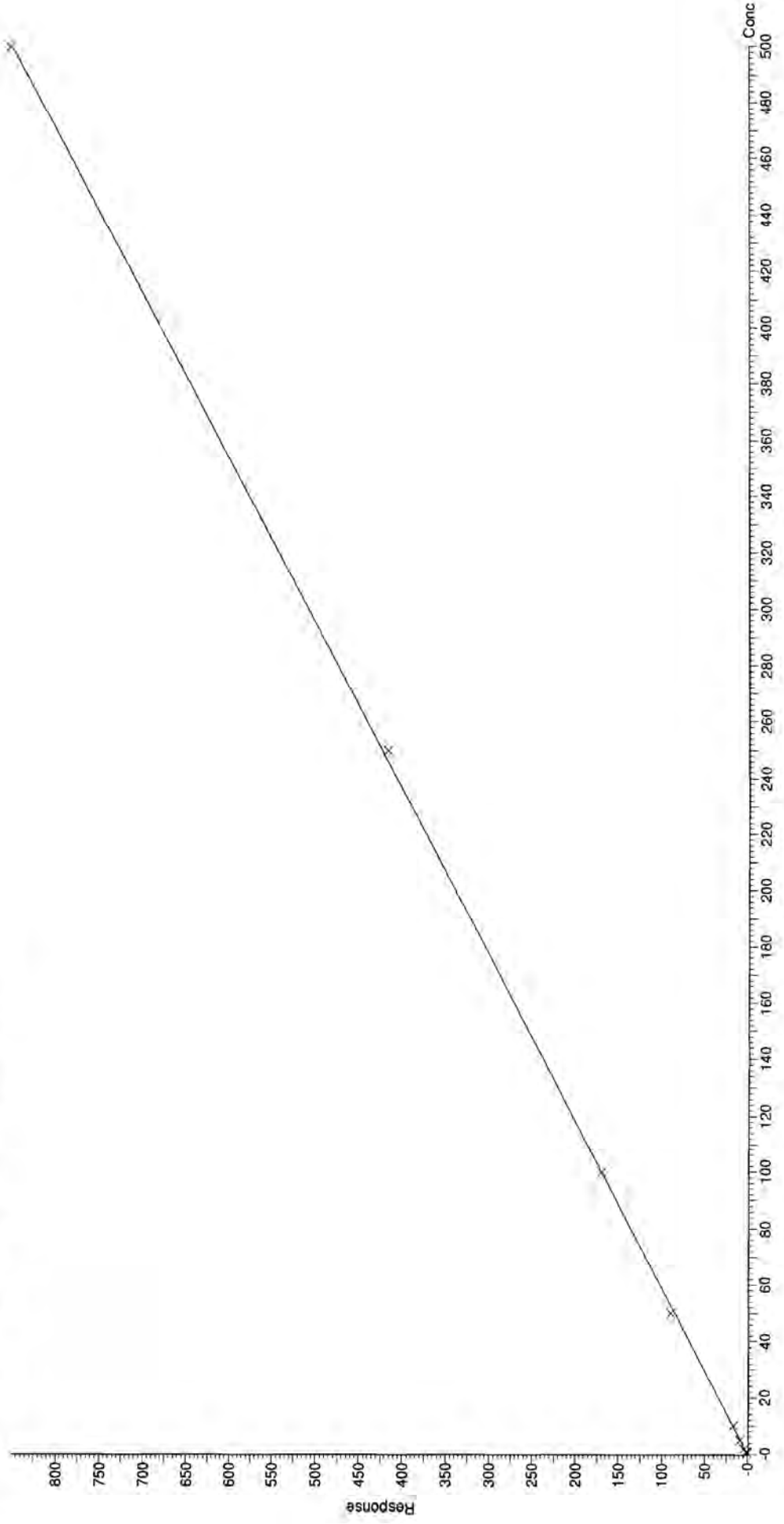
Quantify Calibration Report **MassLynx MassLynx V4.1 SCN945 SCN960**
Vista Analytical Laboratory Q1

Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time

Printed: Saturday, May 26, 2018 15:31:05 Pacific Daylight Time

Compound name: L-PFHxS
Correlation coefficient: $r = 0.999864$, $r^2 = 0.999728$
Calibration curve: $1.69499 \cdot x + -0.00446589$
Response type: Internal Std (Ref 42), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time

Printed: Saturday, May 26, 2018 15:31:05 Pacific Daylight Time

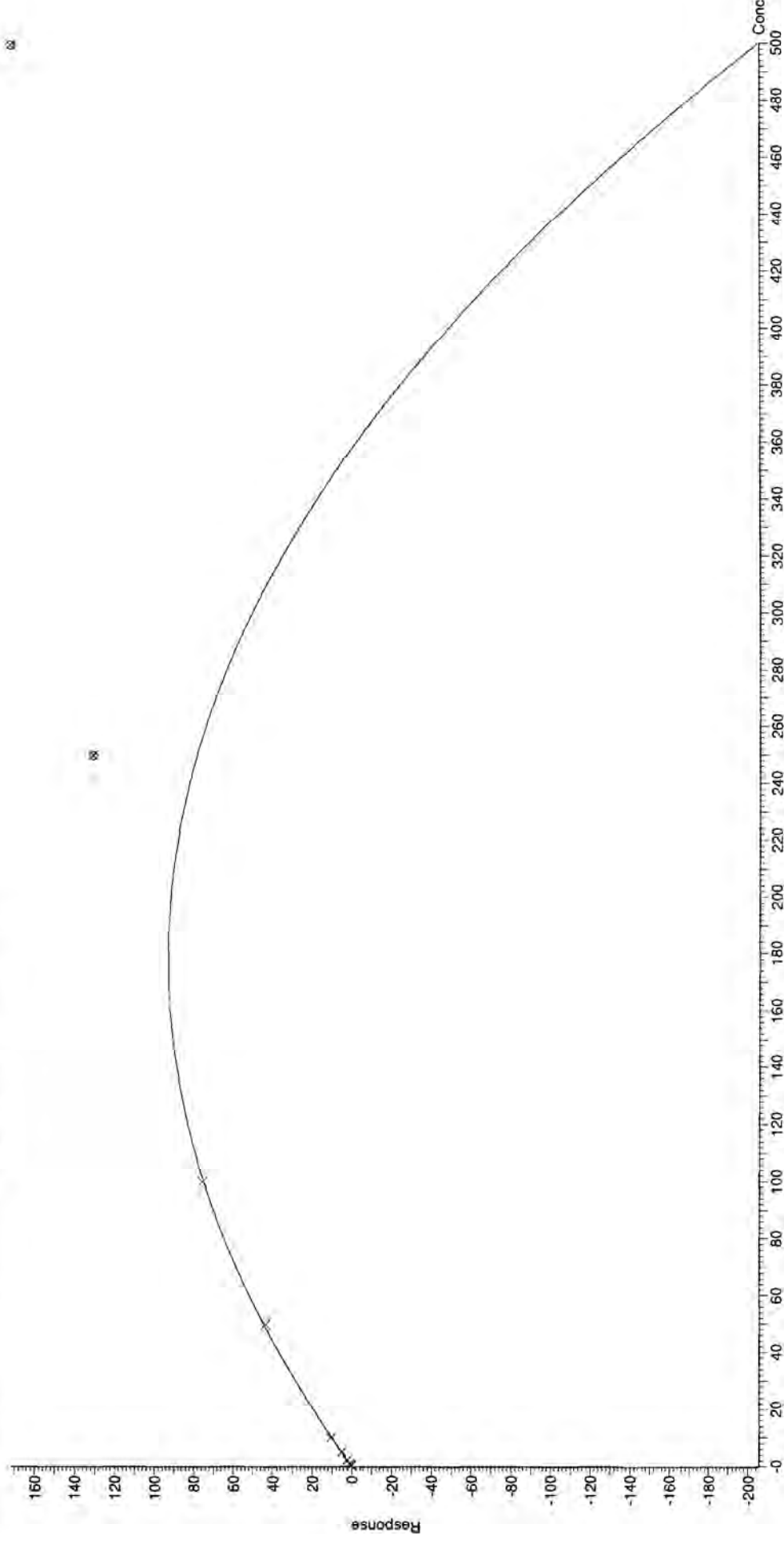
Compound name: 6:2 FTS

Coefficient of Determination: $R^2 = 0.999217$

Calibration curve: $-0.00289789 \cdot x^2 + 1.03846 \cdot x + 0.0466705$

Response type: Internal Std (Ref 43), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time

Printed: Saturday, May 26, 2018 15:31:05 Pacific Daylight Time

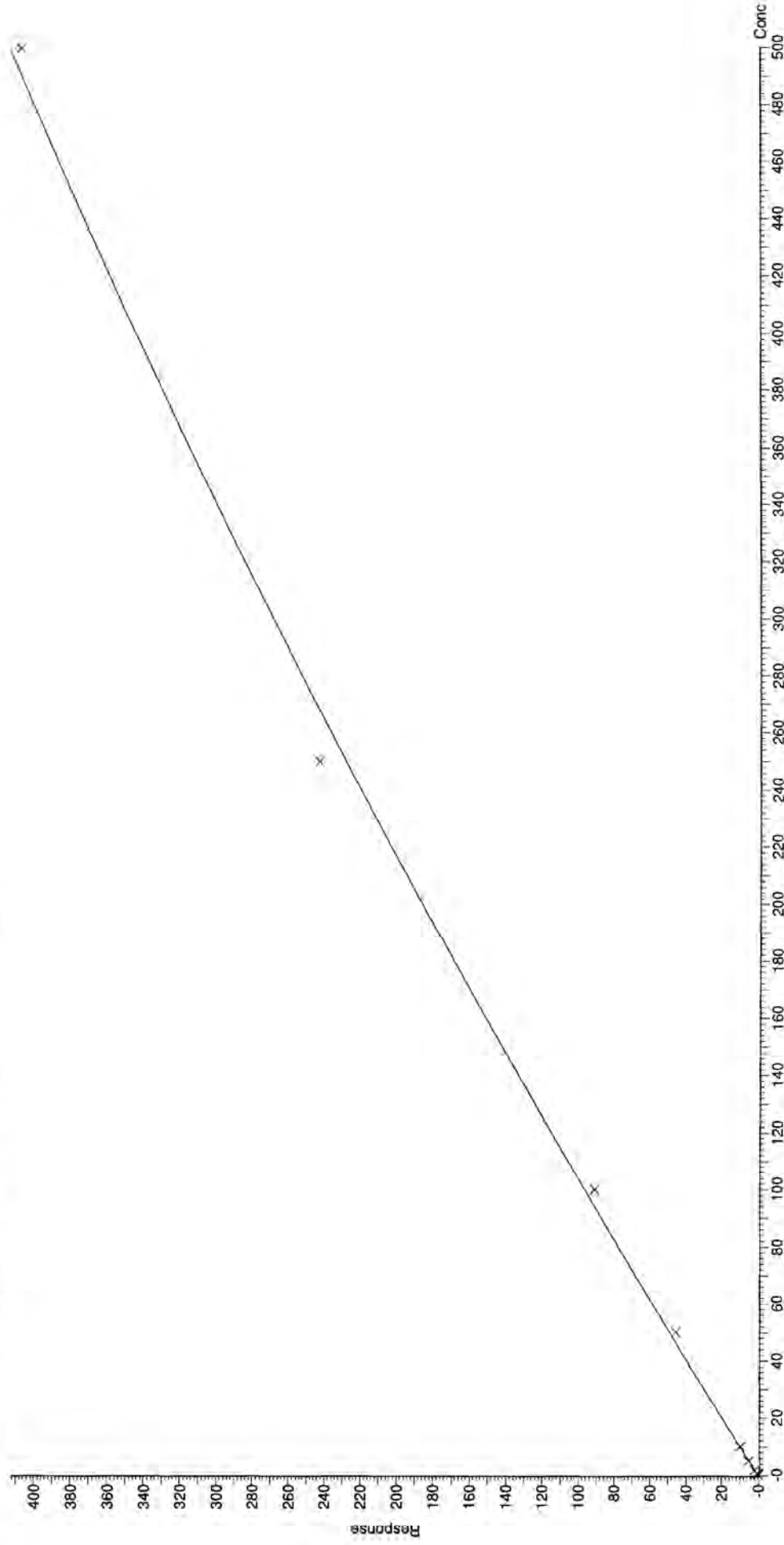
Compound name: L-PFOA

Coefficient of Determination: $R^2 = 0.997794$

Calibration curve: $-0.000351432 \cdot x^2 + 1.00046 \cdot x + 0.00349964$

Response type: Internal Std (Ref 44), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time

Printed: Saturday, May 26, 2018 15:31:05 Pacific Daylight Time

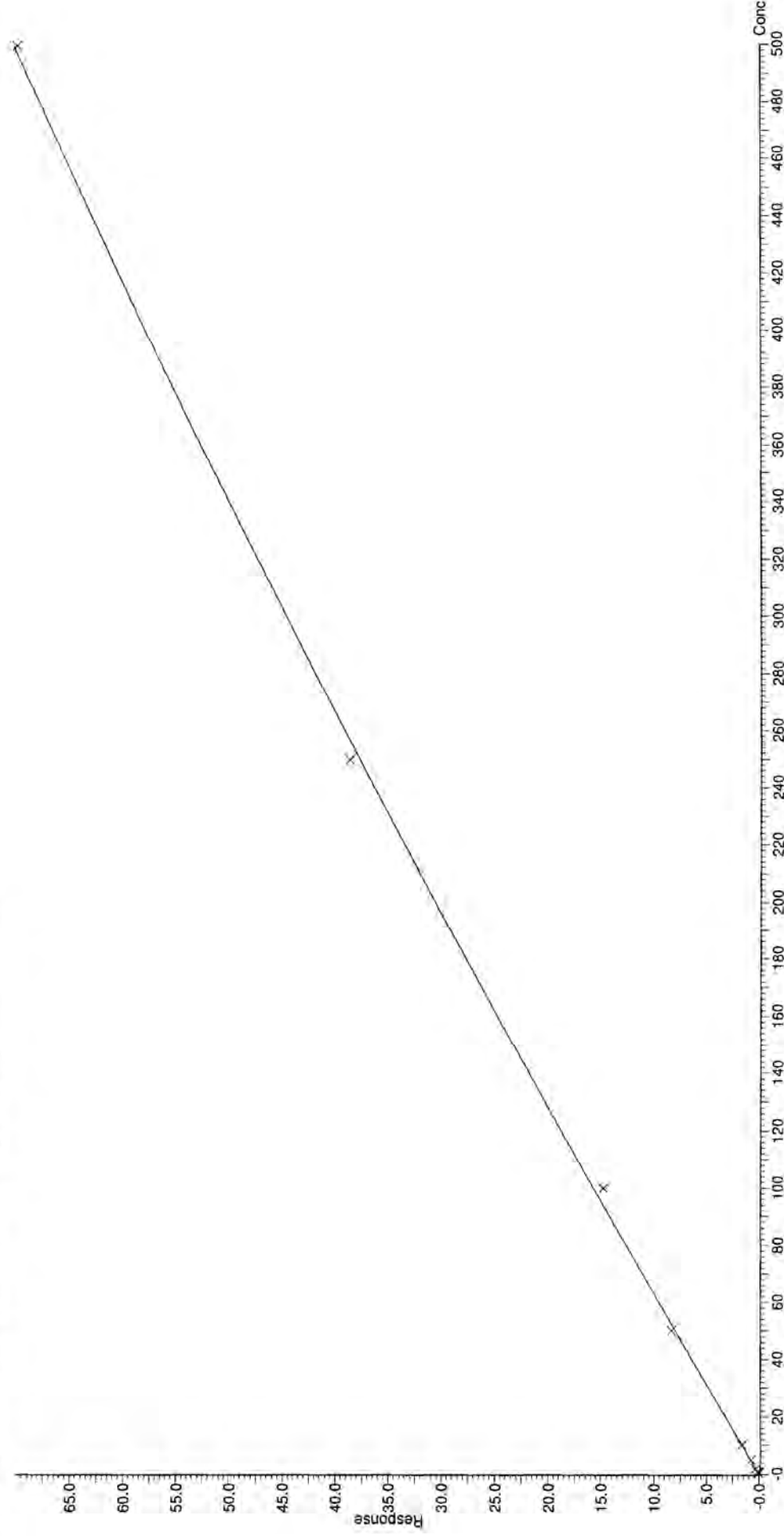
Compound name: PFHpS

Coefficient of Determination: $R^2 = 0.999212$

Calibration curve: $-4.36862e-005 \cdot x^2 + 0.161848 \cdot x + -0.00329455$

Response type: Internal Std (Ref 44), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time

Printed: Saturday, May 26, 2018 15:31:05 Pacific Daylight Time

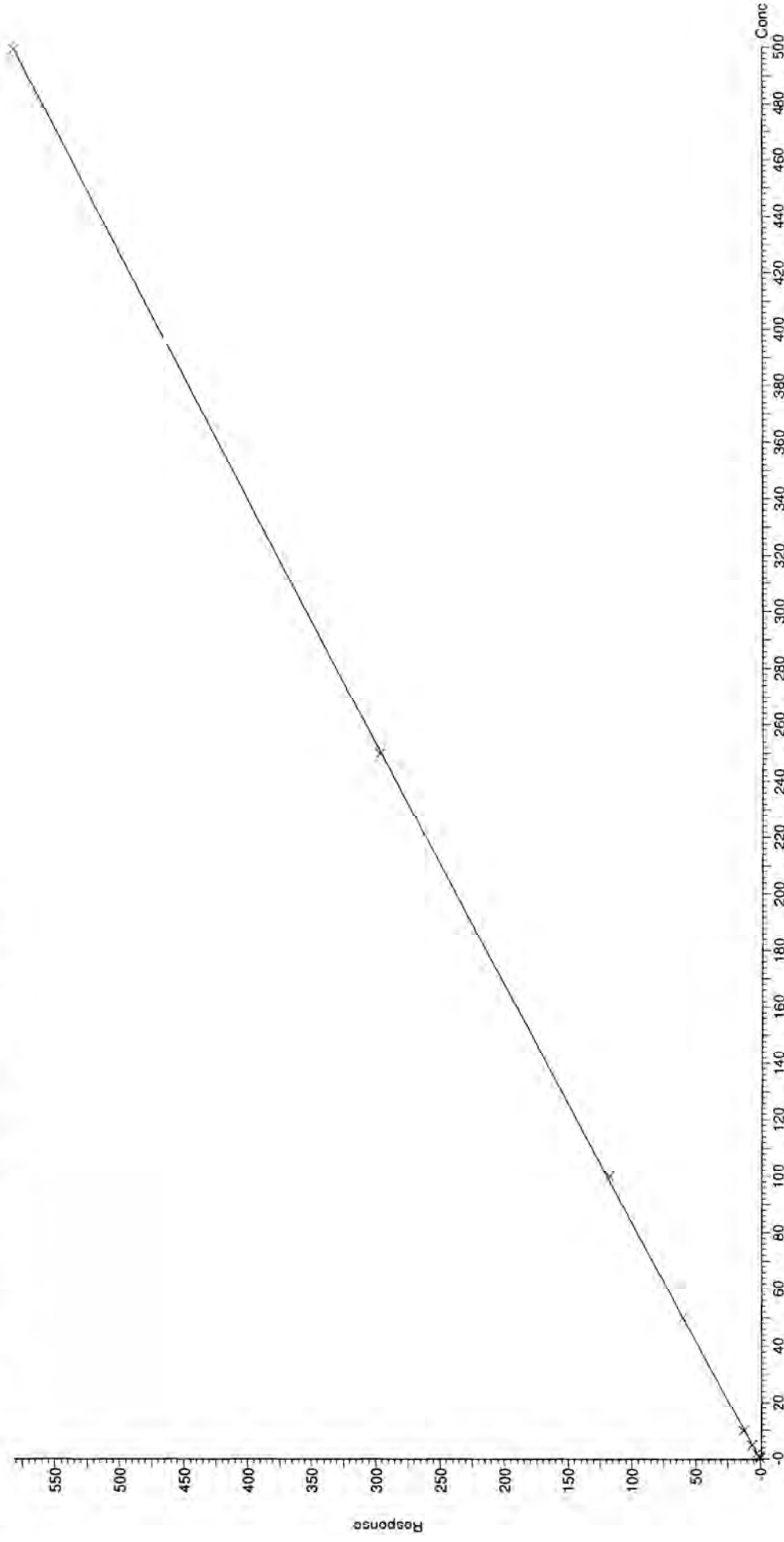
Compound name: PFNA

Coefficient of Determination: $R^2 = 0.999889$

Calibration curve: $-9.76146e-005 * x^2 + 1.21144 * x + 0.0338548$

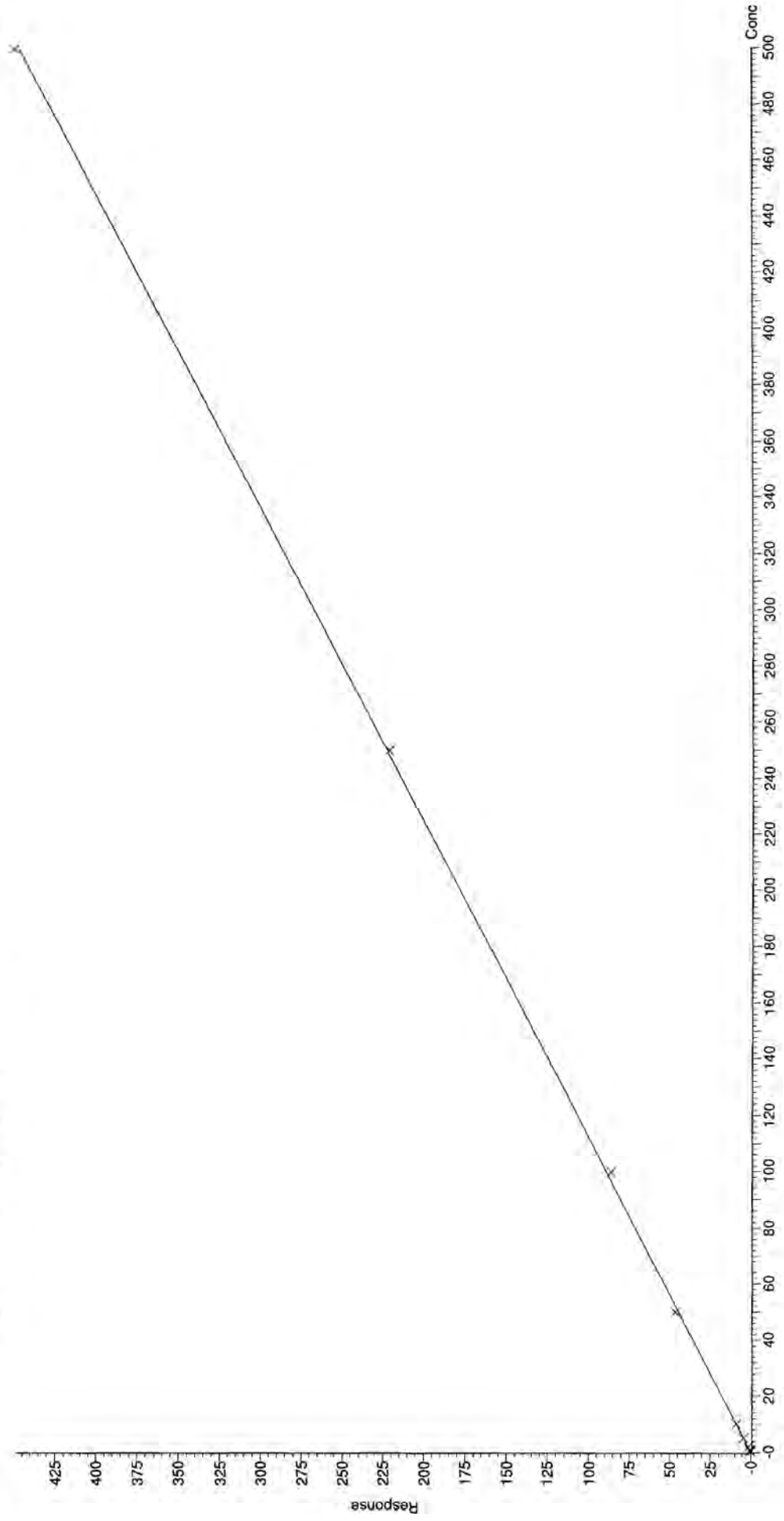
Response type: Internal Std (Ref 45), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld
Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time
Printed: Saturday, May 26, 2018 15:31:05 Pacific Daylight Time

Compound name: PFOSA
Correlation coefficient: $r = 0.999853$, $r^2 = 0.999707$
Calibration curve: $0.891227 * x + 0.02806$
Response type: Internal Std (Ref 46), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time

Printed: Saturday, May 26, 2018 15:31:05 Pacific Daylight Time

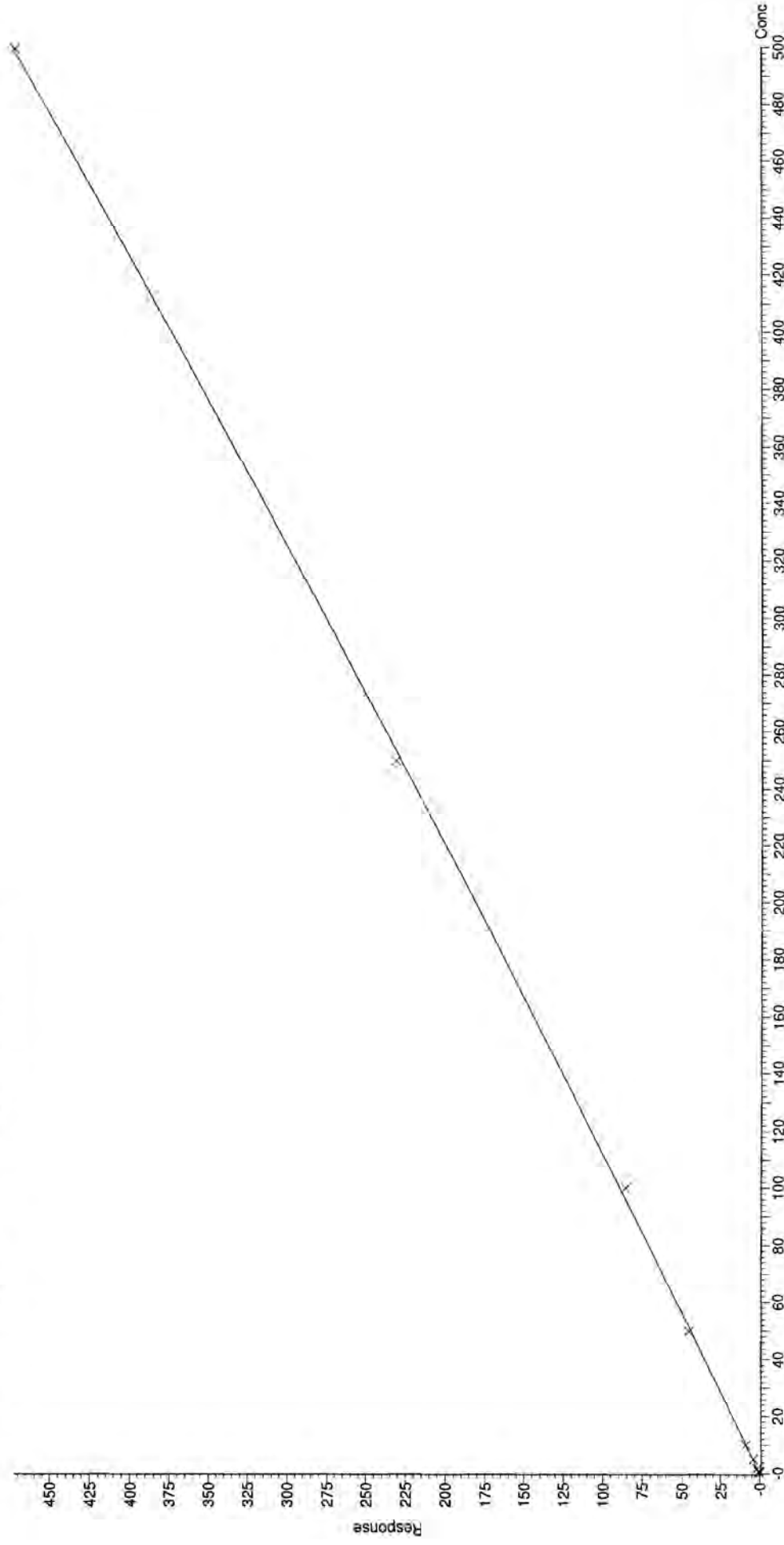
Compound name: L-PFOS

Coefficient of Determination: $R^2 = 0.999719$

Calibration curve: $0.000129454 \cdot x^2 + 0.880356 \cdot x + 0.0103184$

Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time

Printed: Saturday, May 26, 2018 15:31:05 Pacific Daylight Time

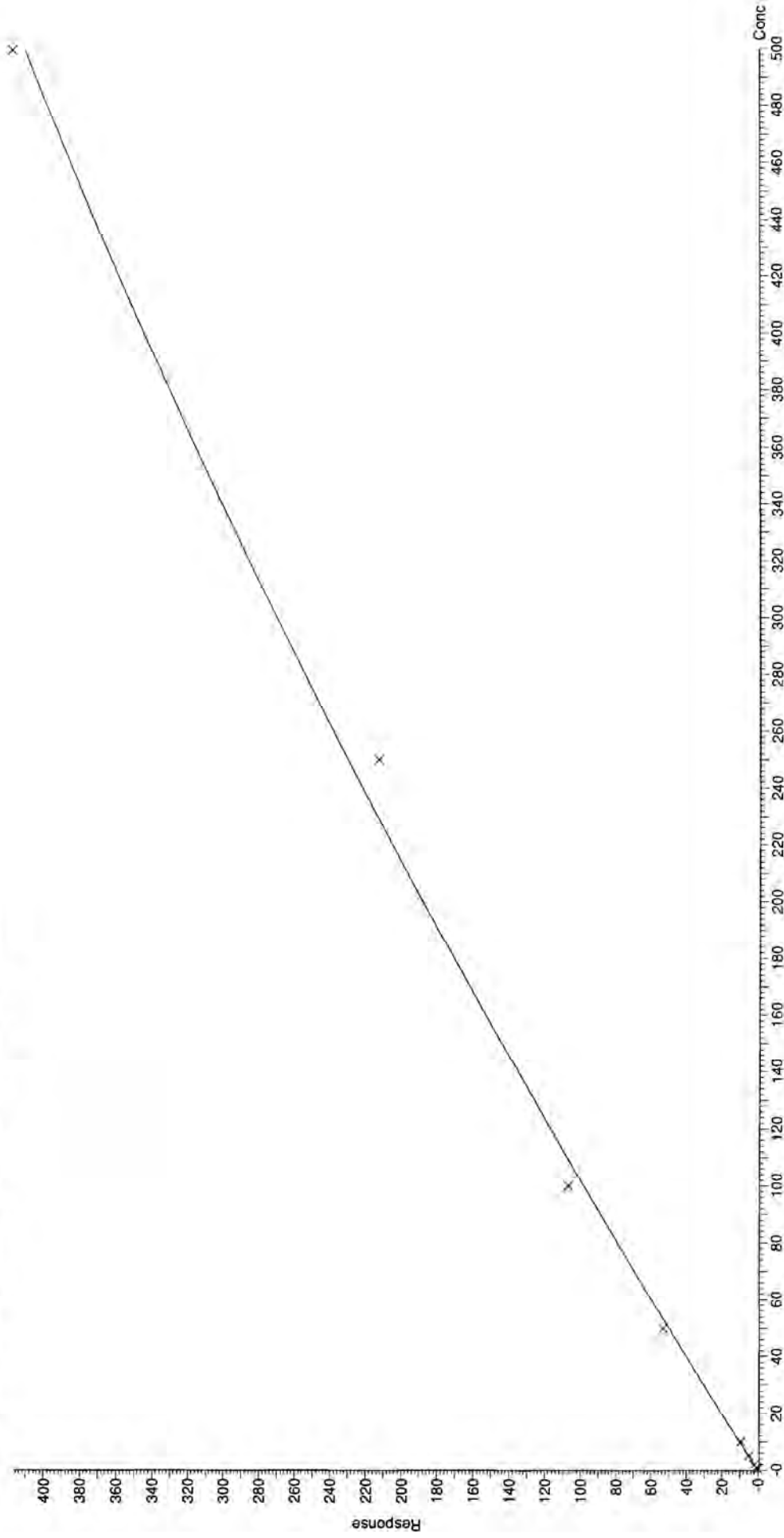
Compound name: PFDA

Coefficient of Determination: $R^2 = 0.996687$

Calibration curve: $-0.000406377 \cdot x^2 + 1.02293 \cdot x + -0.0455439$

Response type: Internal Std (Ref 48), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time

Printed: Saturday, May 26, 2018 15:31:05 Pacific Daylight Time

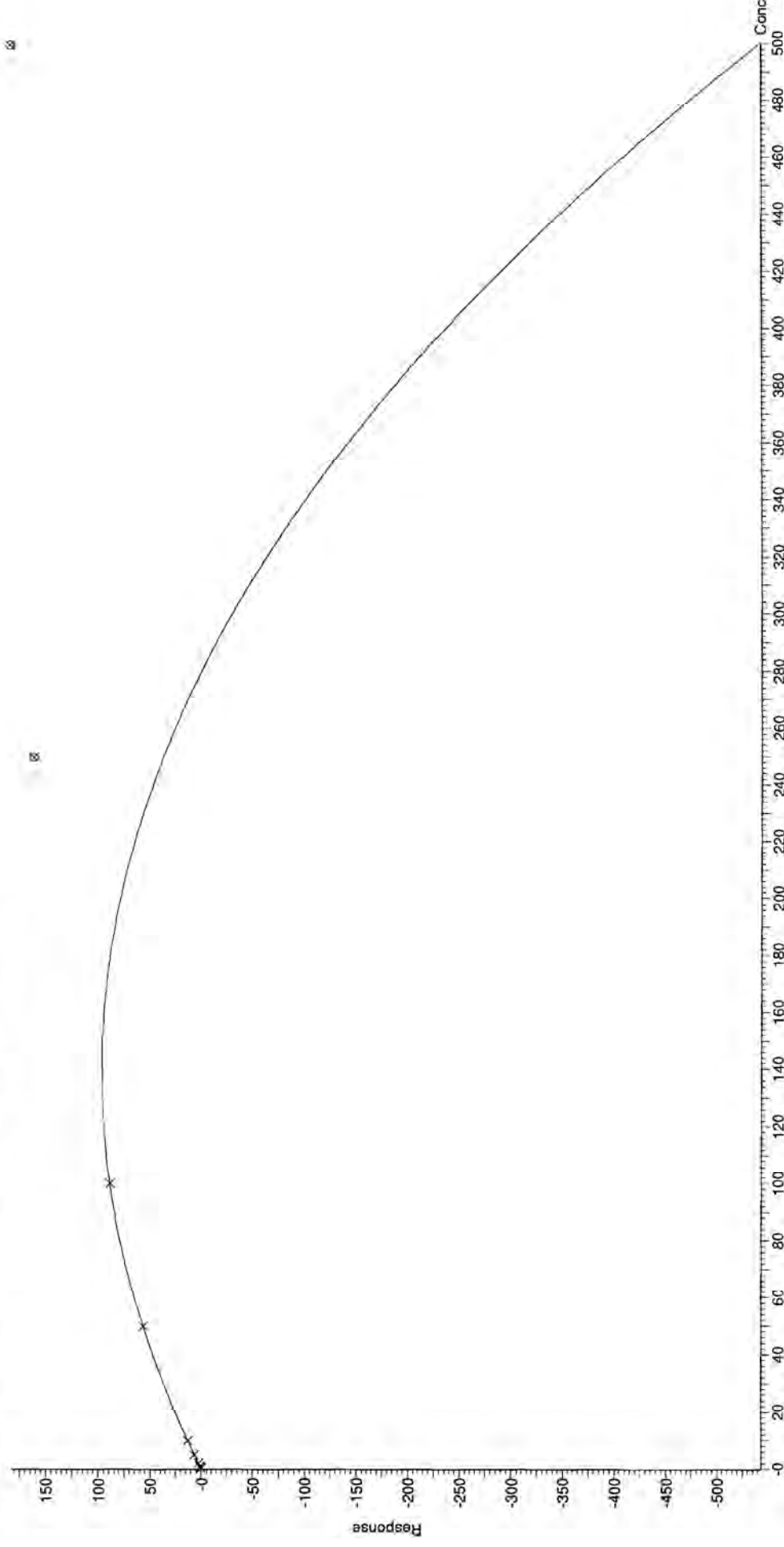
Compound name: 8:2 FTS

Coefficient of Determination: $R^2 = 0.999844$

Calibration curve: $-0.00493476 \cdot x^2 + 1.38351 \cdot x + -0.023782$

Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



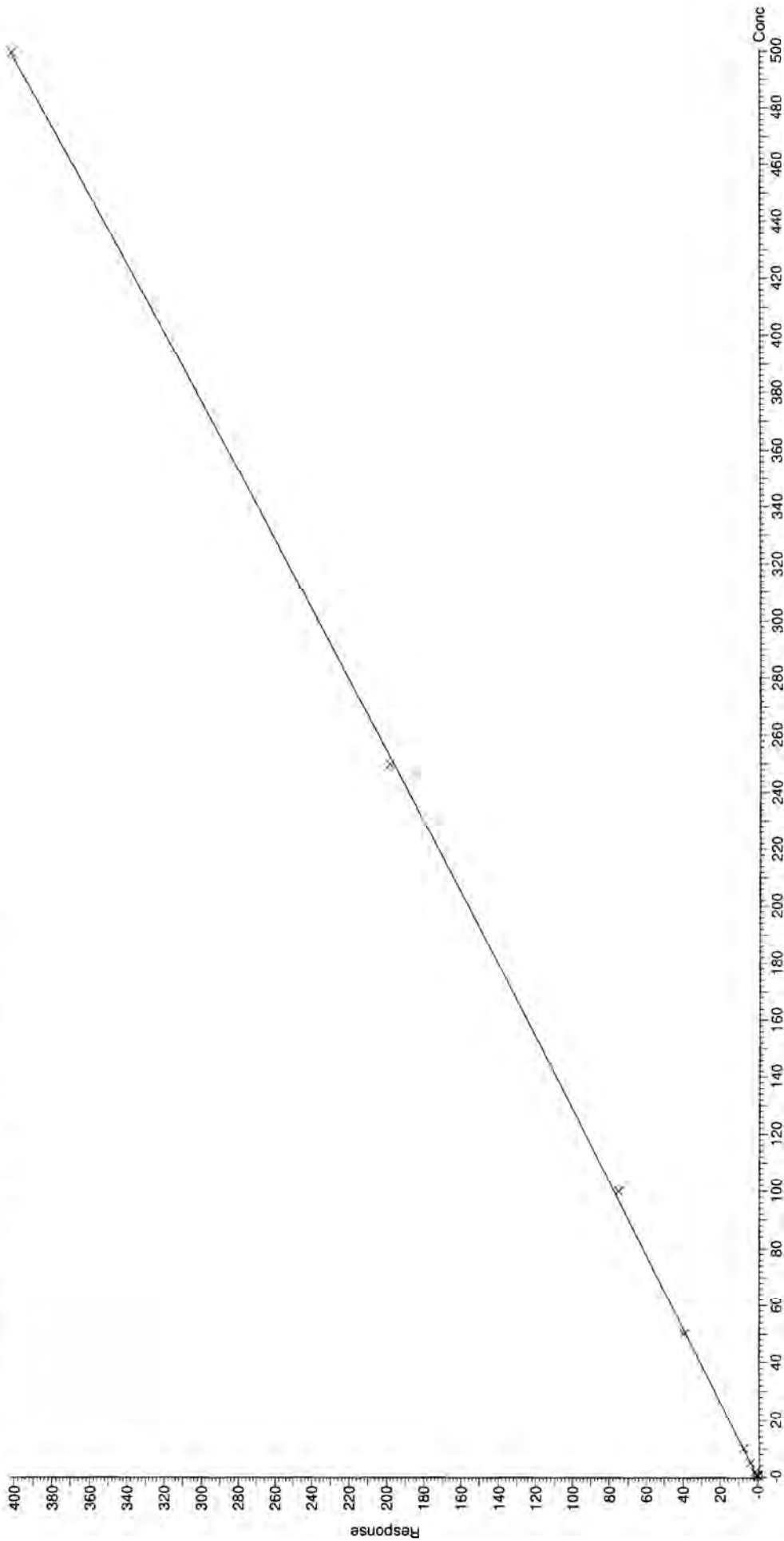
Quantify Calibration Report **MassLynx MassLynx V4.1 SCN945 SCN960**
Vista Analytical Laboratory Q1

Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time

Printed: Saturday, May 26, 2018 15:31:05 Pacific Daylight Time

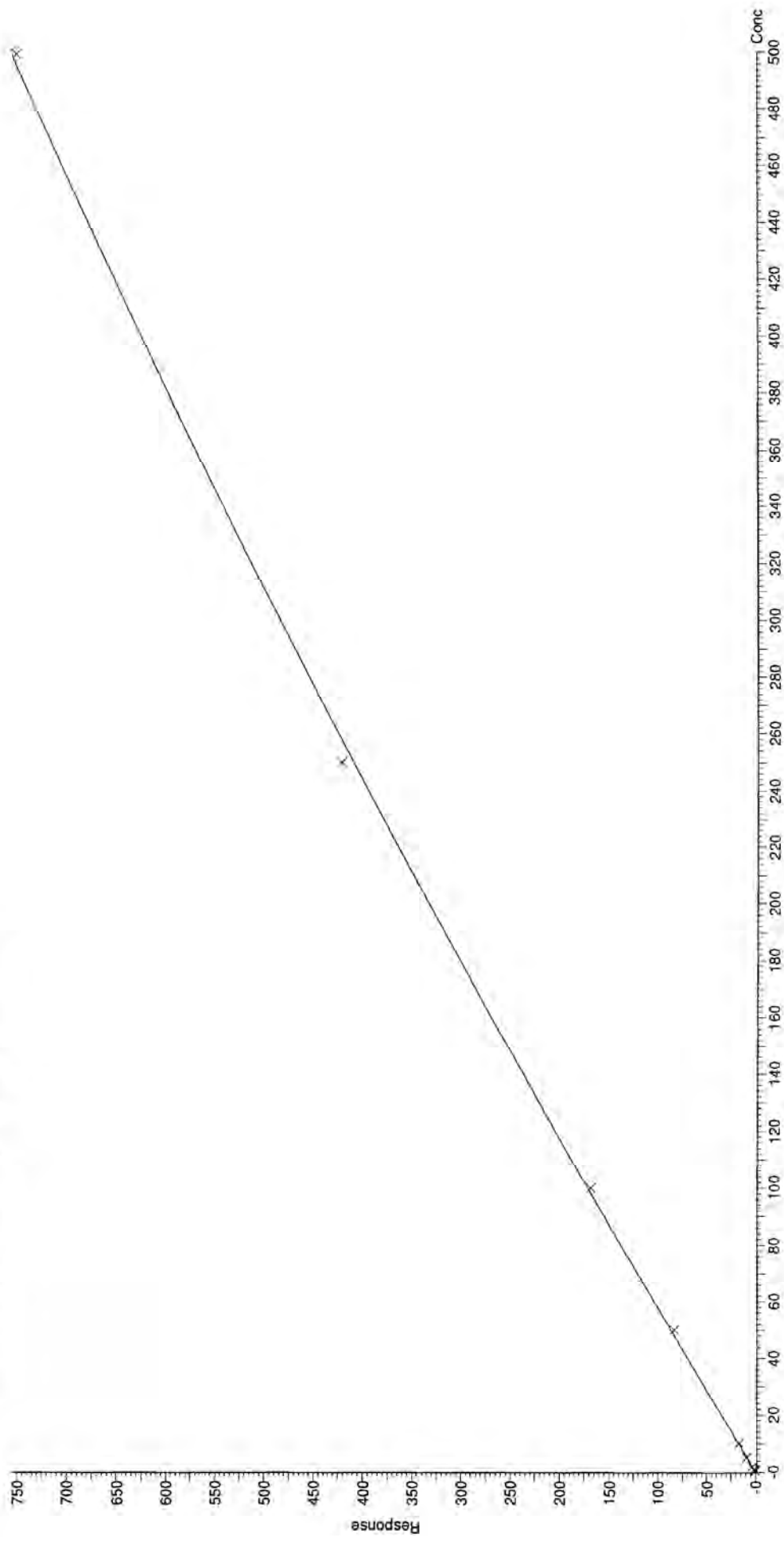
Compound name: PFNS
Coefficient of Determination: $R^2 = 0.999717$
Calibration curve: $6.7292e-005 * x^2 + 0.770051 * x + 0.0282695$
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time
Printed: Saturday, May 26, 2018 15:31:05 Pacific Daylight Time

Compound name: L-MeFOSAA
Coefficient of Determination: $R^2 = 0.999560$
Calibration curve: $-0.000527205 \cdot x^2 + 1.77194 \cdot x + -0.0781525$
Response type: Internal Std (Ref 50), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Quantify Calibration Report MassLynx V4.1 SCN945 SCN960

Vista Analytical Laboratory Q1

Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time

Printed: Saturday, May 26, 2018 15:31:05 Pacific Daylight Time

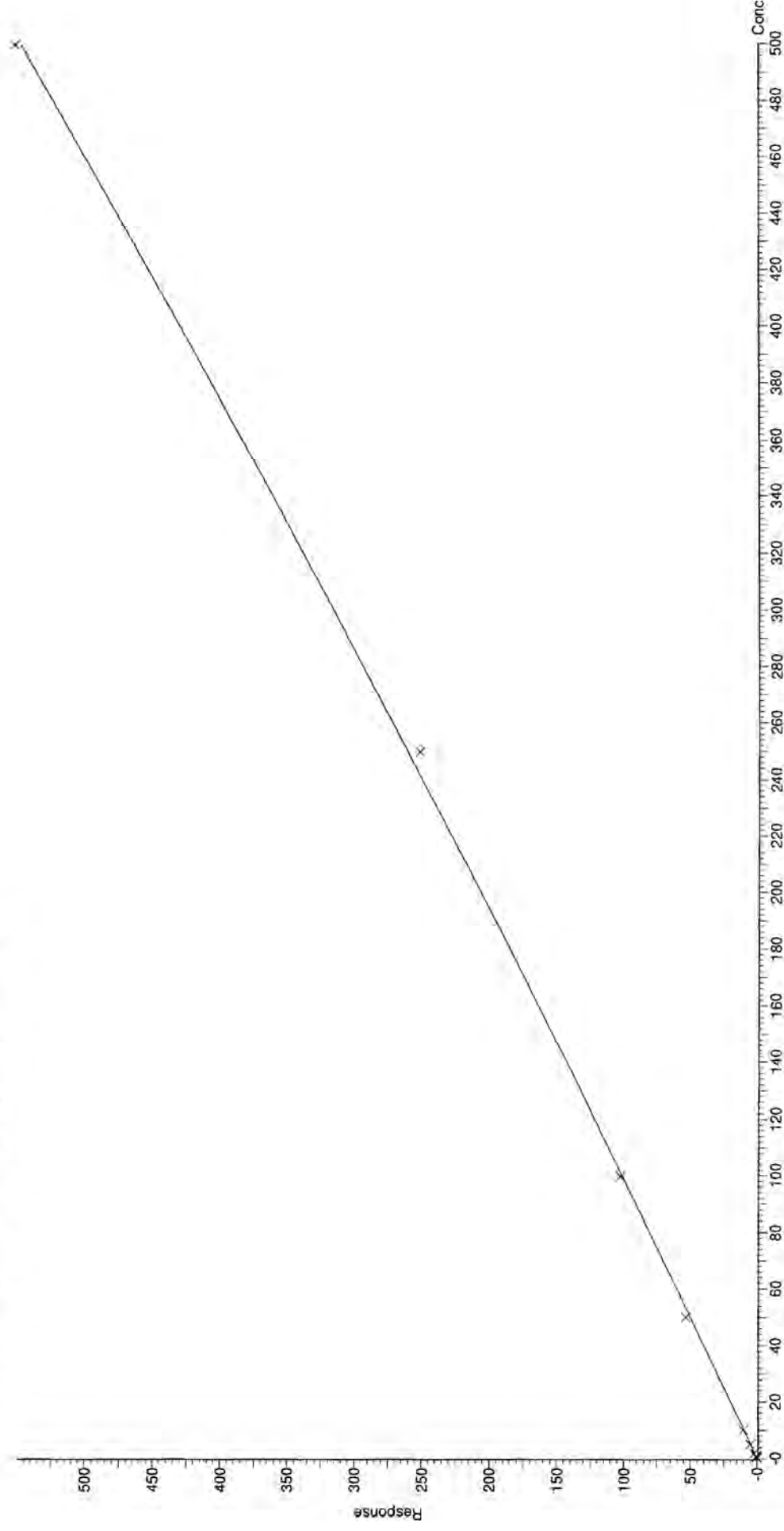
Compound name: L-EtFOSAA

Coefficient of Determination: $R^2 = 0.999381$

Calibration curve: $0.000198747 \cdot x^2 + 0.992592 \cdot x + -0.00792937$

Response type: Internal Std (Ref 51), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time

Printed: Saturday, May 26, 2018 15:31:15 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052518.mdb 26 May 2018 13:03:04
 Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

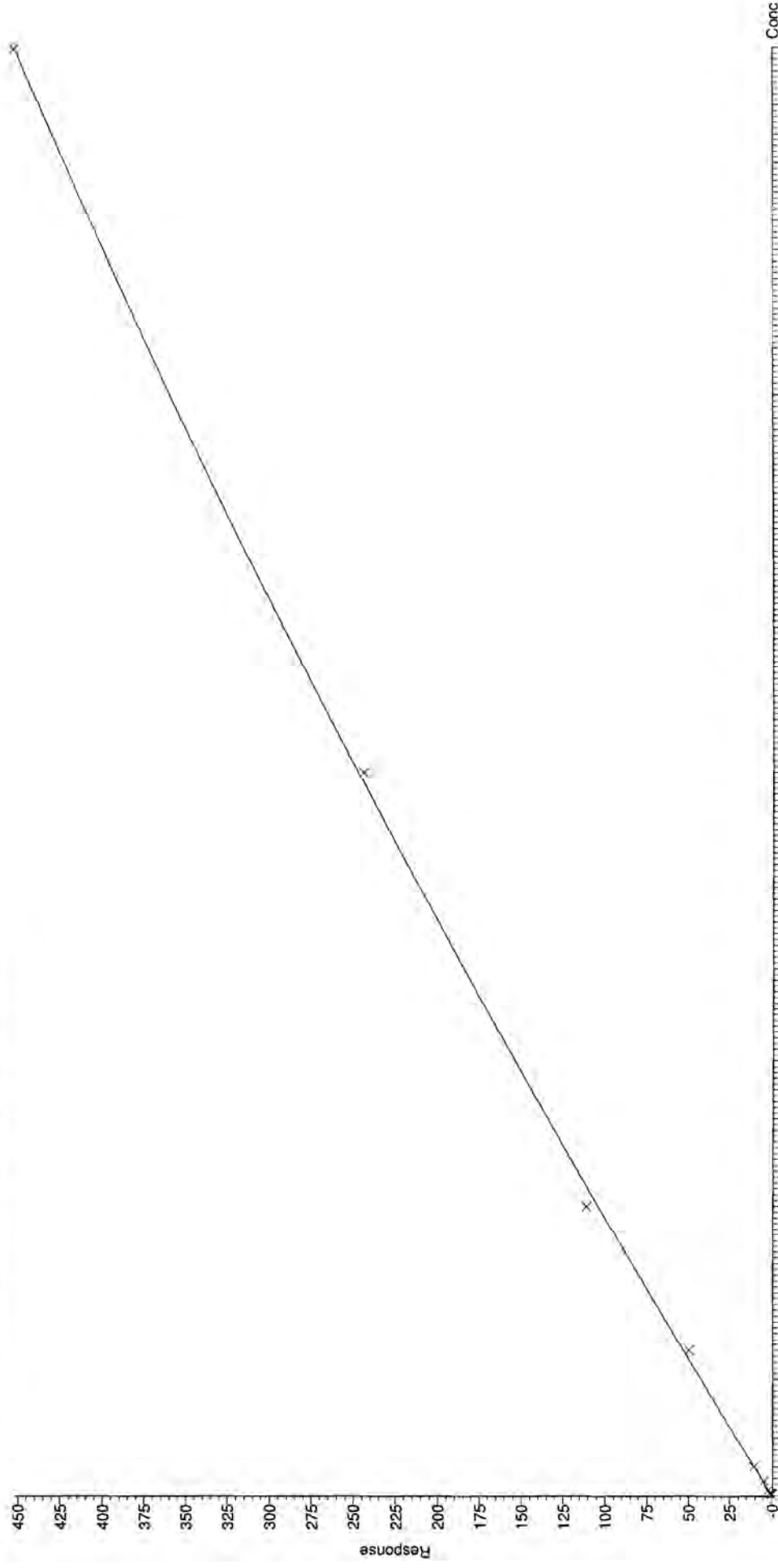
Compound name: PFUdA

Coefficient of Determination: $R^2 = 0.998994$

Calibration curve: $-0.000355379 \cdot x^2 + 1.0798 \cdot x + -0.0261985$

Response type: Internal Std (Ref 52), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time

Printed: Saturday, May 26, 2018 15:31:15 Pacific Daylight Time

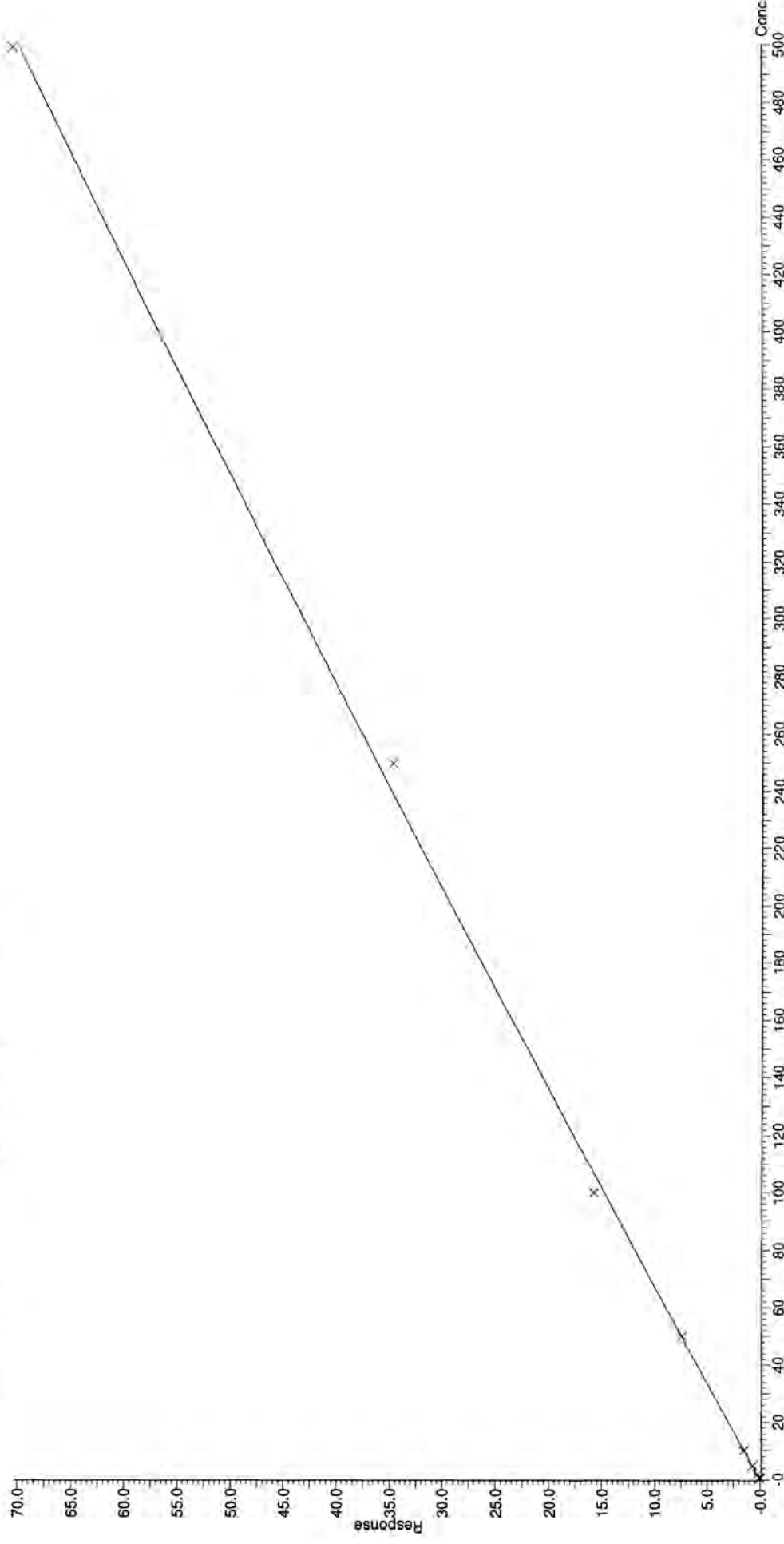
Compound name: PFDS

Coefficient of Determination: $R^2 = 0.998908$

Calibration curve: $-2.23125e-005 * x^2 + 0.150567 * x + -0.0189365$

Response type: Internal Std (Ref 52), Area * (IS Conc./IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time

Printed: Saturday, May 26, 2018 15:31:15 Pacific Daylight Time

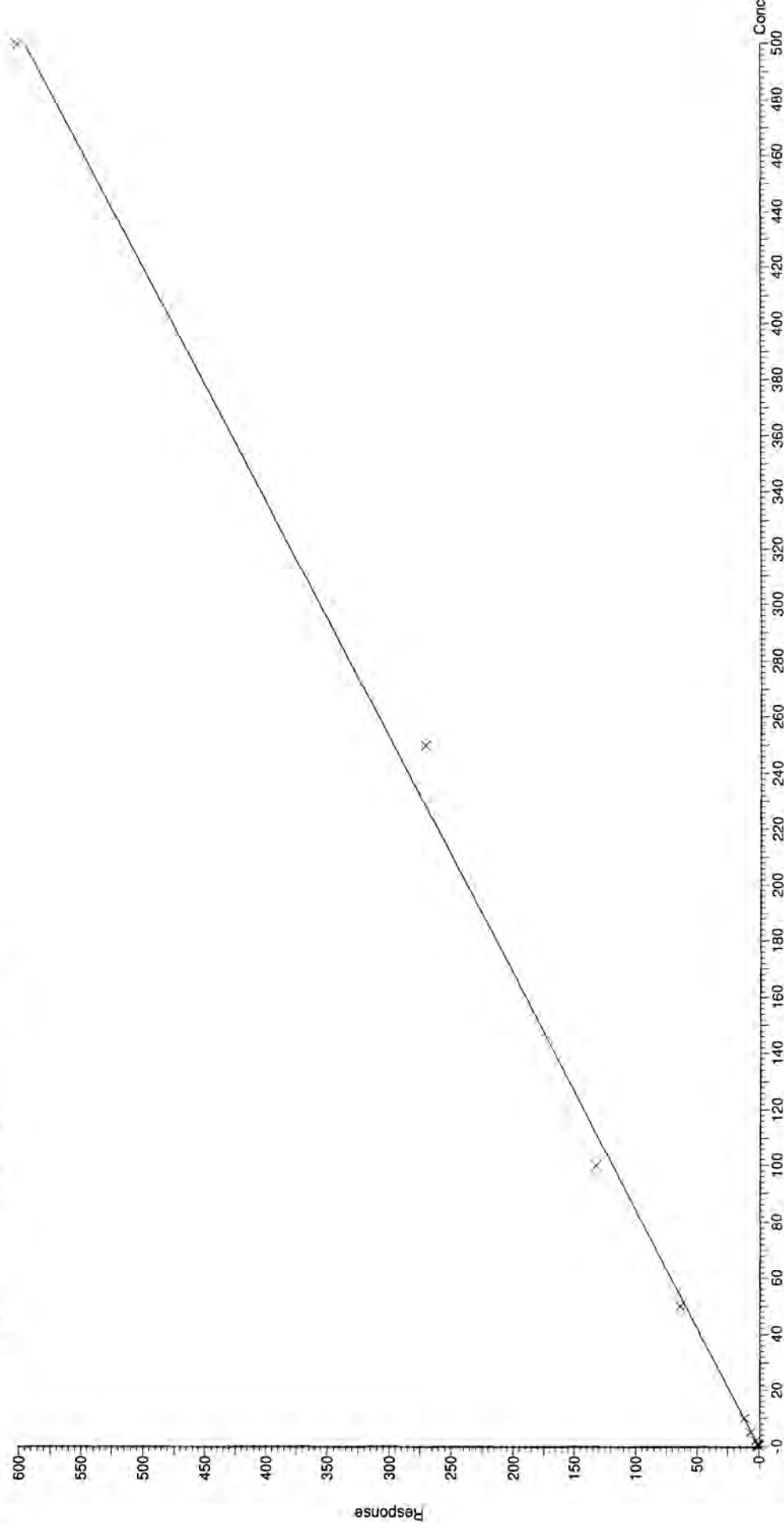
Compound name: PFD_oA

Correlation coefficient: $r = 0.997919$, $r^2 = 0.995843$

Calibration curve: $1.18754 \cdot x + 0.100048$

Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None

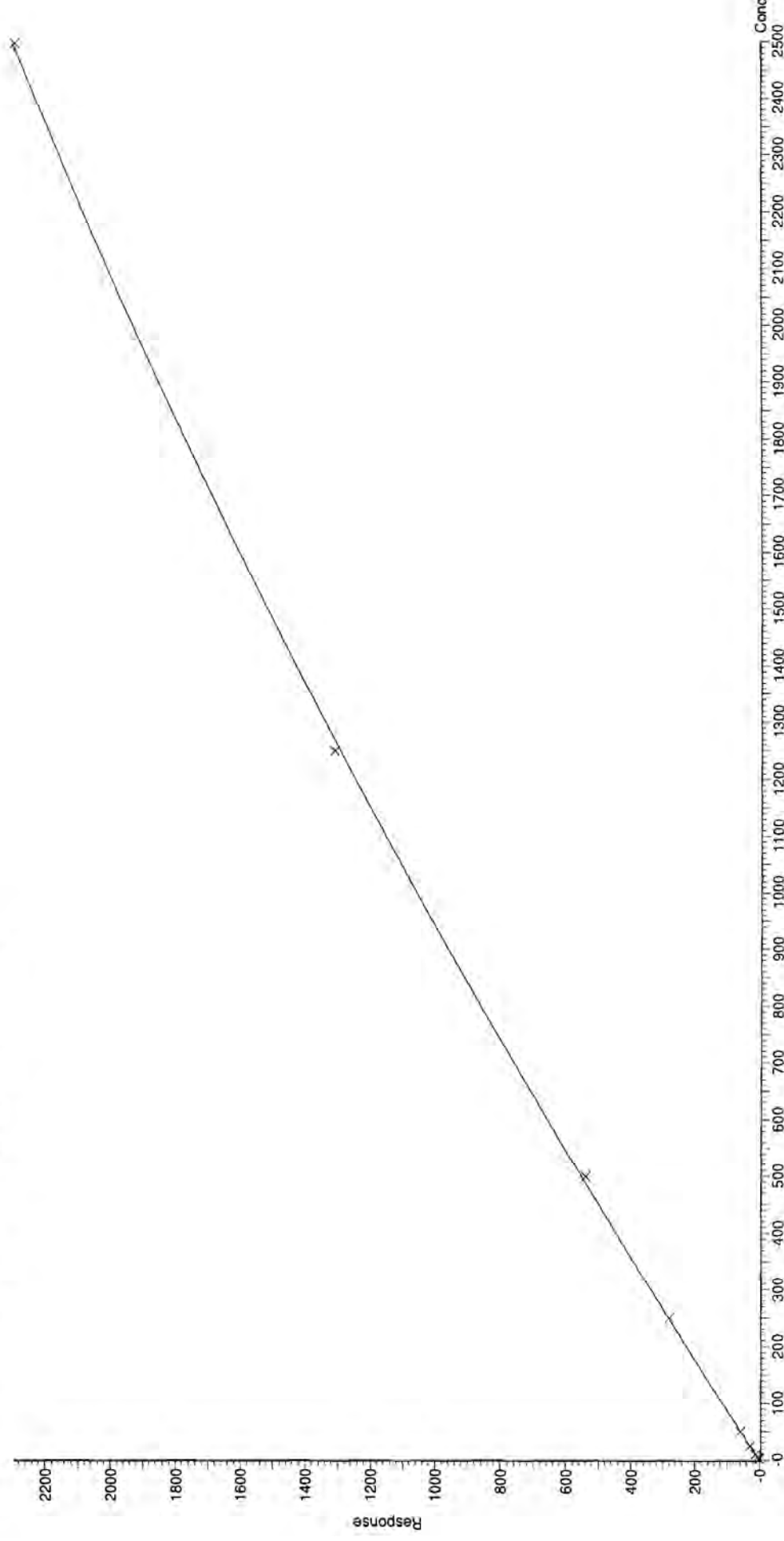


Quantity Calibration Report **MassLynx MassLynx V4.1 SCN945 SCN960**
 Vista Analytical Laboratory Q1

Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time
 Printed: Saturday, May 26, 2018 15:31:15 Pacific Daylight Time

Compound name: N-MeFOSA
 Coefficient of Determination: $R^2 = 0.999806$
 Calibration curve: $-9.3596e-005 \cdot x^2 + 1.15174 \cdot x + 0.132523$
 Response type: Internal Std (Ref 54), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



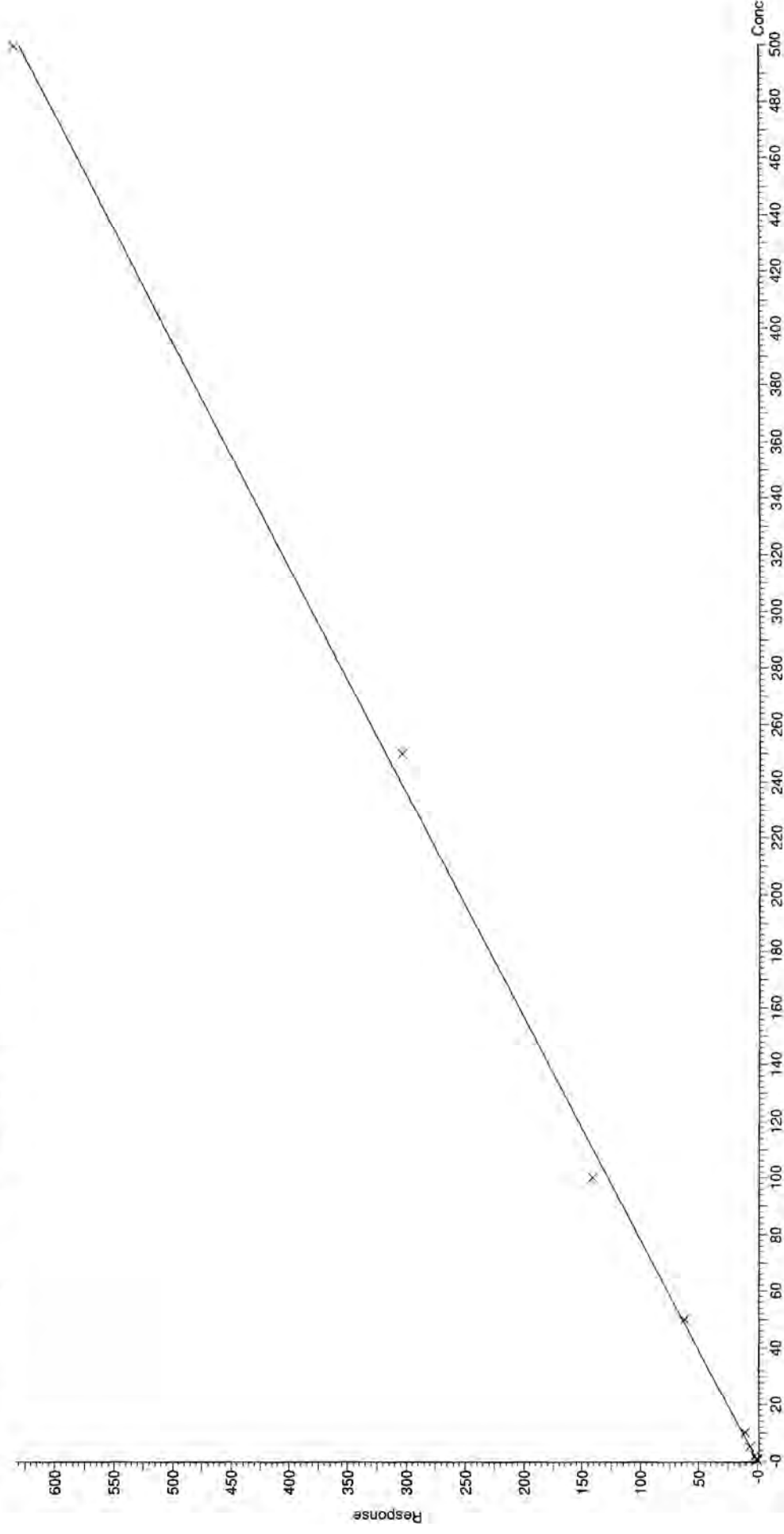
Quantify Calibration Report **MassLynx MassLynx V4.1 SCN945 SCN960**
 Vista Analytical Laboratory Q1

Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time

Printed: Saturday, May 26, 2018 15:31:15 Pacific Daylight Time

Compound name: PFTDA
 Coefficient of Determination: $R^2 = 0.997823$
 Calibration curve: $-6.22074e-005 \cdot x^2 + 1.28815 \cdot x + -0.0347038$
 Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
 Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time

Printed: Saturday, May 26, 2018 15:31:15 Pacific Daylight Time

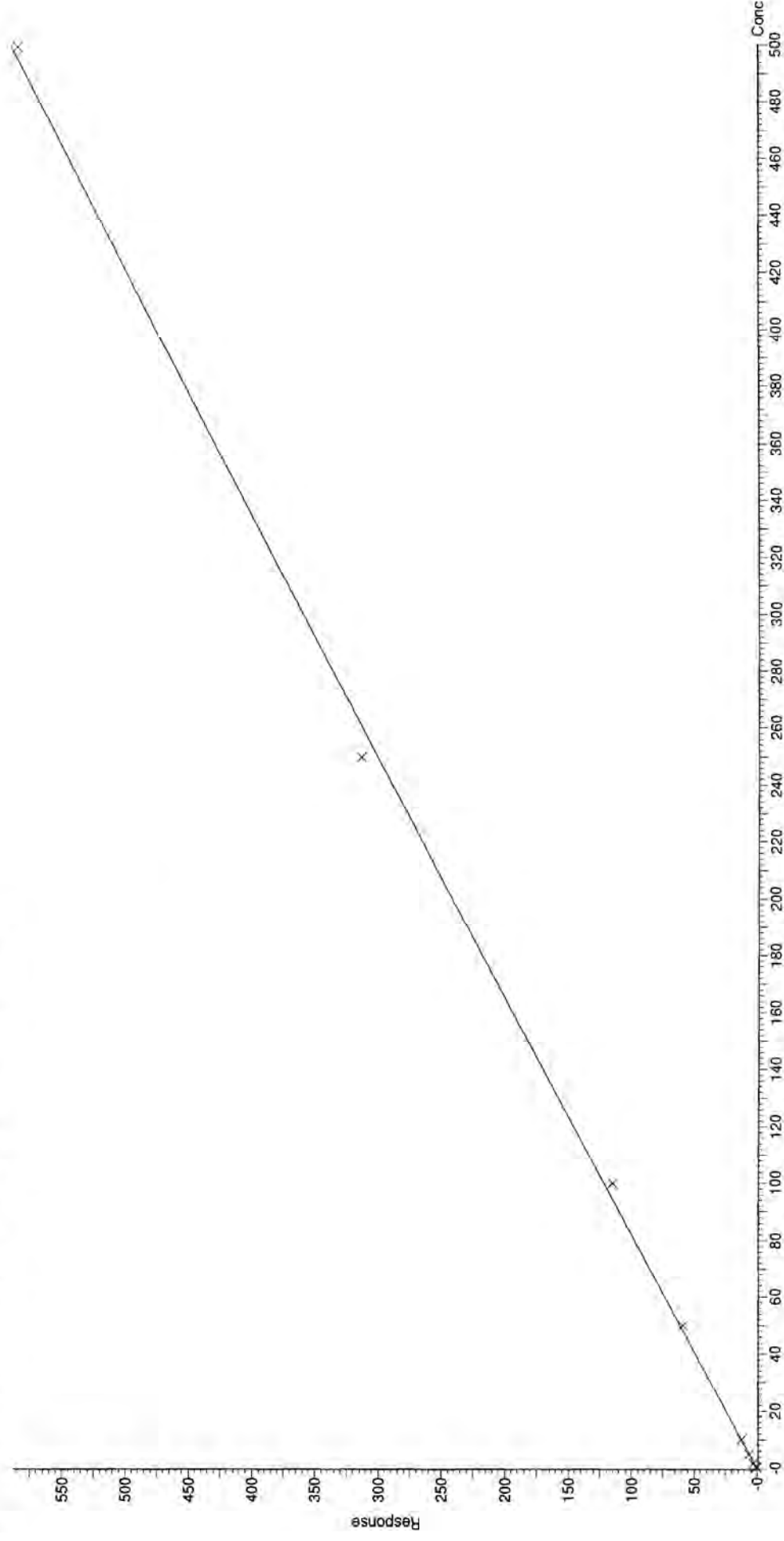
Compound name: PFTeDA

Coefficient of Determination: $R^2 = 0.999006$

Calibration curve: $-0.000107603 \cdot x^2 + 1.22963 \cdot x + 0.0407587$

Response type: Internal Std (Ref 55), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time

Printed: Saturday, May 26, 2018 15:31:15 Pacific Daylight Time

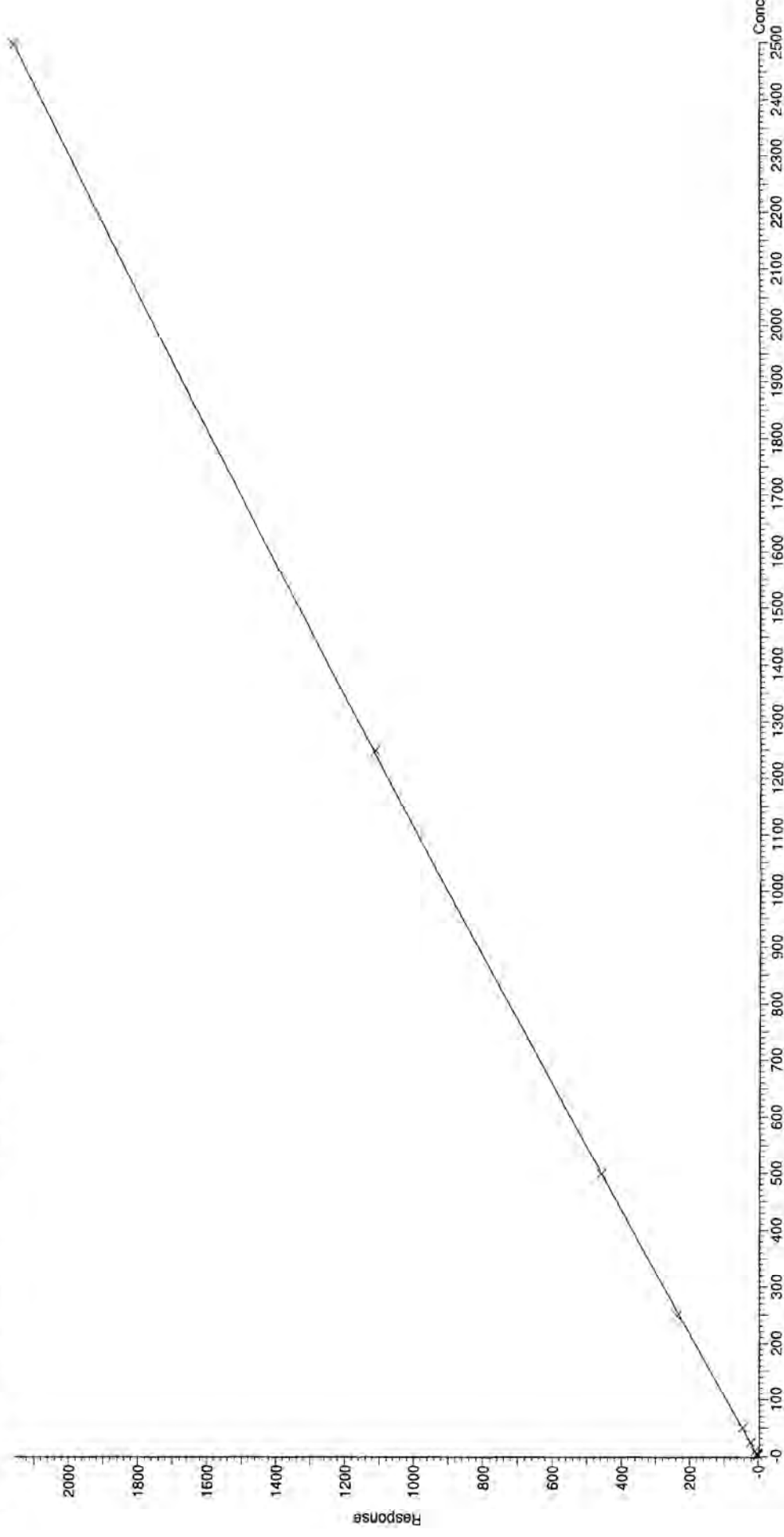
Compound name: N-EtFOSA

Coefficient of Determination: $R^2 = 0.999907$

Calibration curve: $-2.82816e-005 * x^2 + 0.931418 * x + 0.0721149$

Response type: Internal Std (Ref 56), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time

Printed: Saturday, May 26, 2018 15:31:15 Pacific Daylight Time

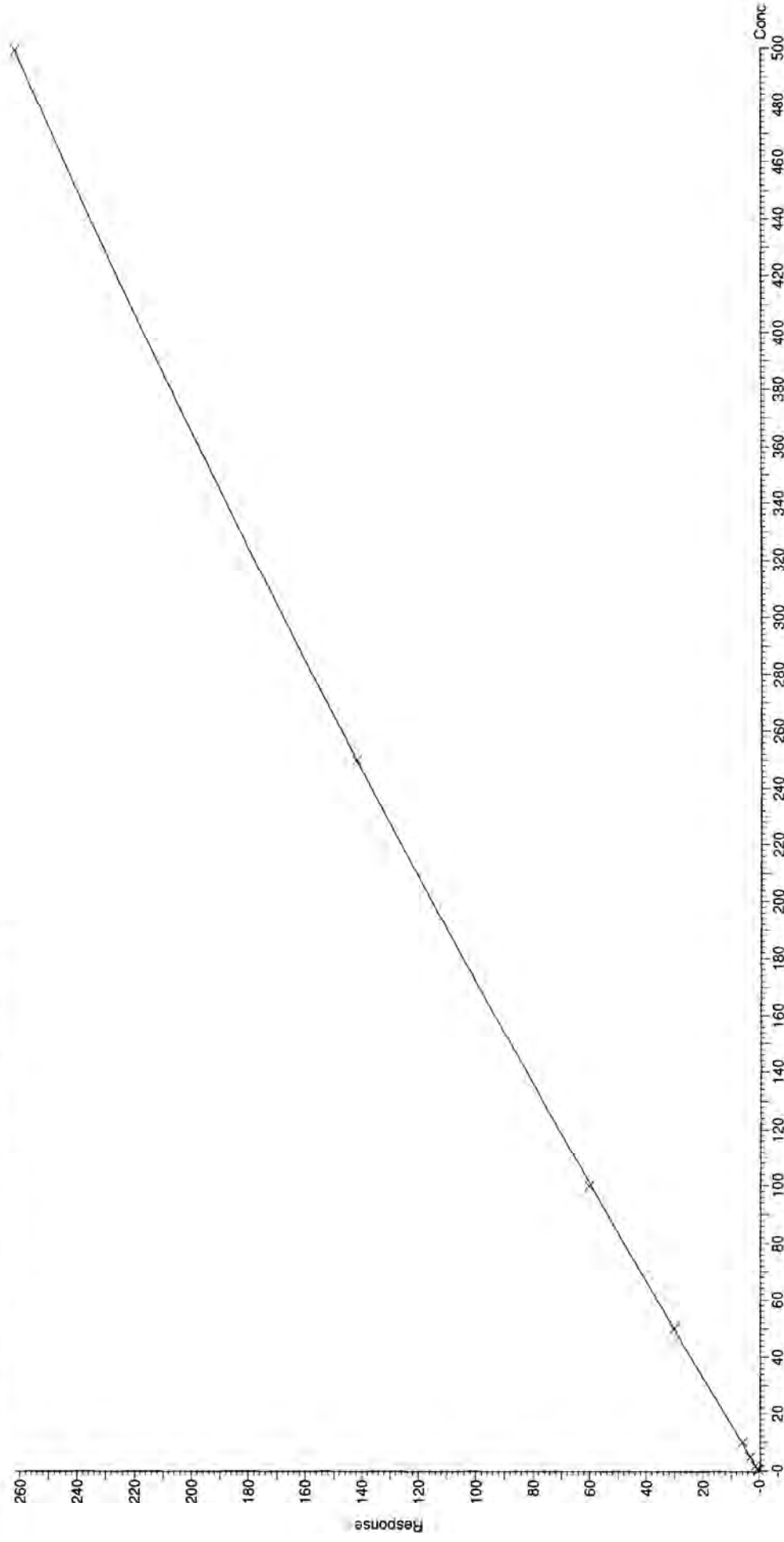
Compound name: PFHxDA

Coefficient of Determination: $R^2 = 0.999928$

Calibration curve: $-0.000181496 \cdot x^2 + 0.613533 \cdot x + 0.0675195$

Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time

Printed: Saturday, May 26, 2018 15:31:15 Pacific Daylight Time

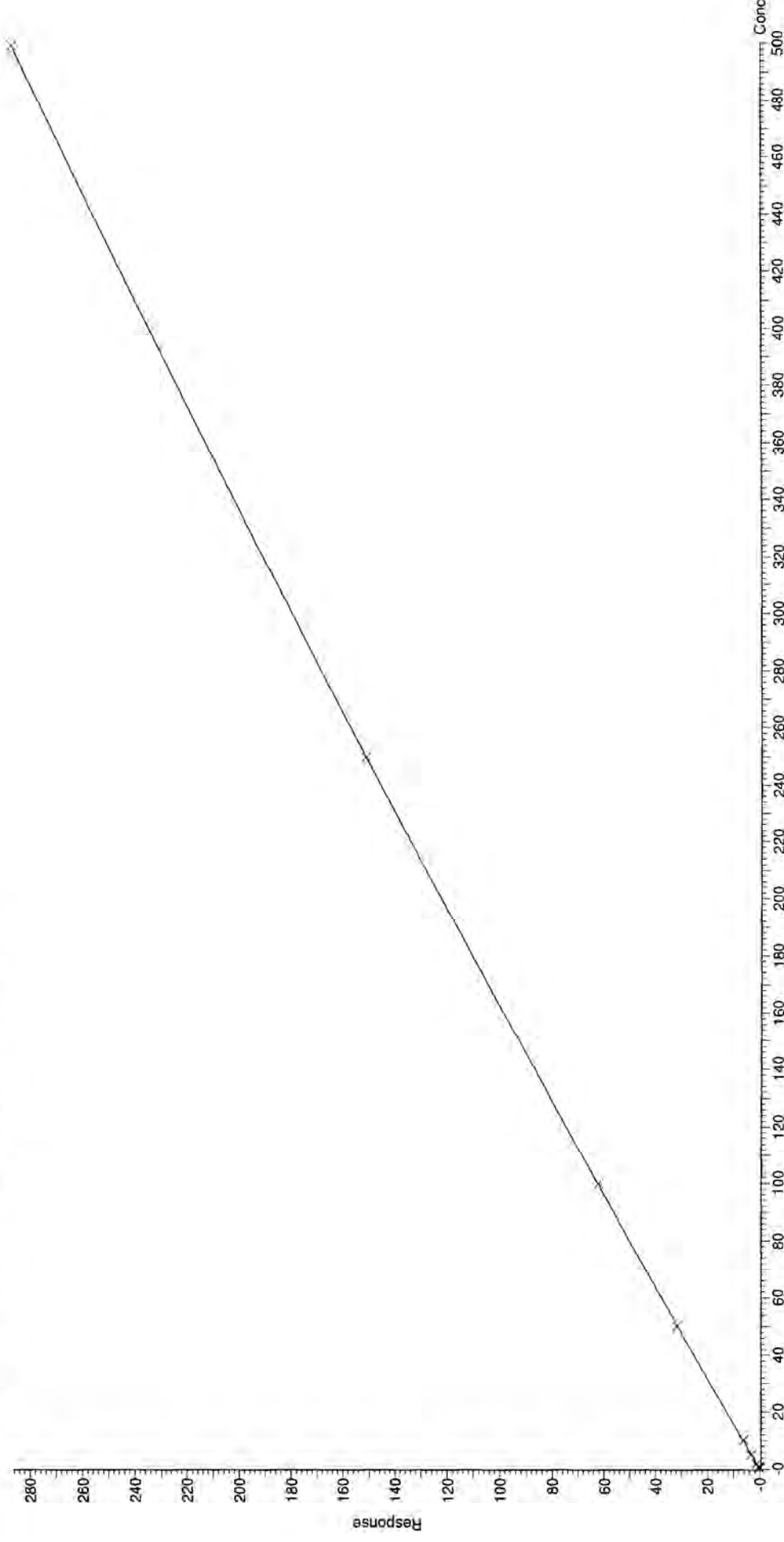
Compound name: PFODA

Coefficient of Determination: $R^2 = 0.999944$

Calibration curve: $-0.000131591 \cdot x^2 + 0.638677 \cdot x + -0.00266753$

Response type: Internal Std (Ref 57), Area * (IS Conc. / IS Area)

Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Quantify Calibration Report MassLynx V4.1 SCN945 SCN960

Vista Analytical Laboratory Q1

Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time

Printed: Saturday, May 26, 2018 15:31:15 Pacific Daylight Time

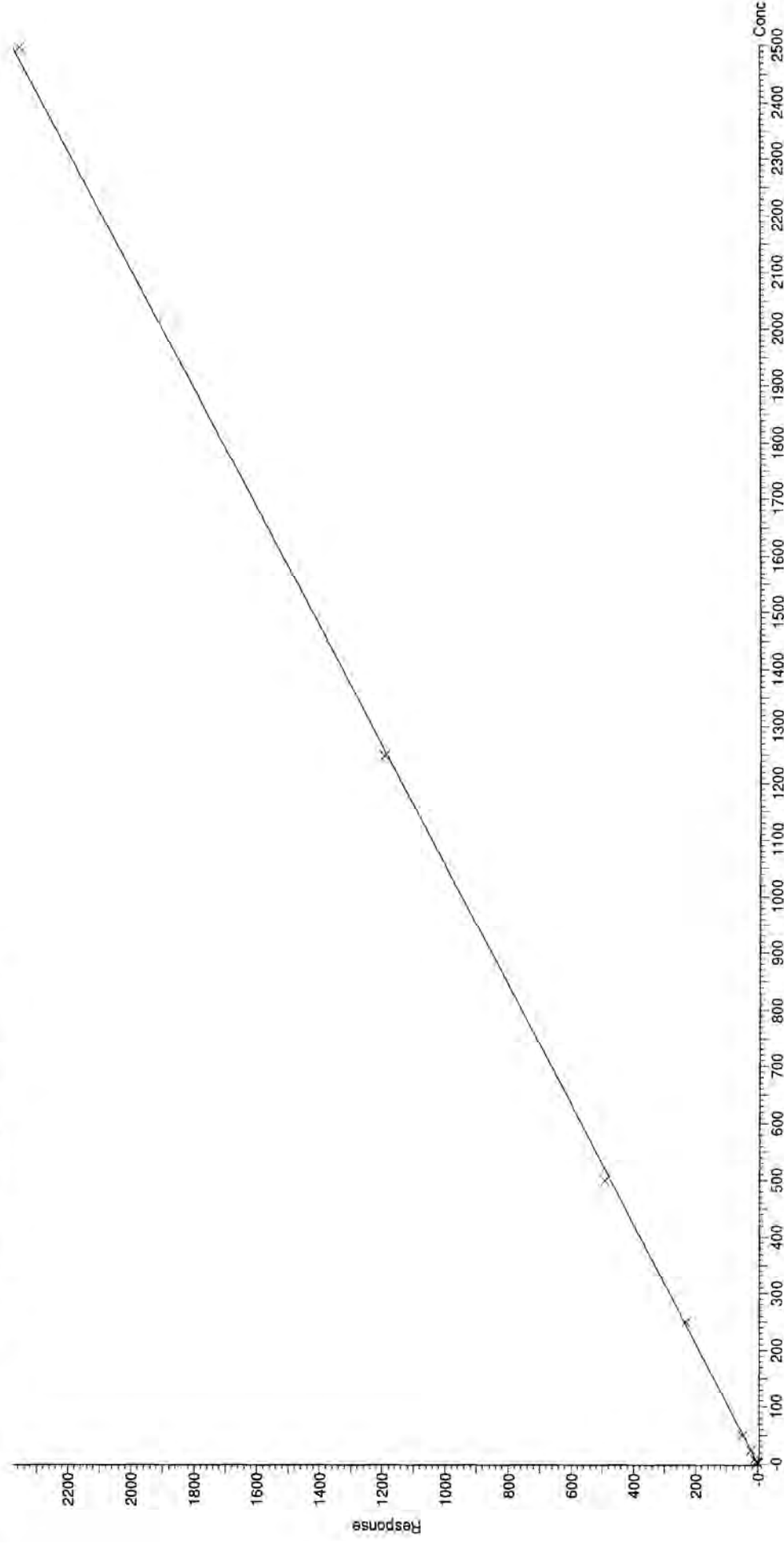
Compound name: N-MeFOSE

Correlation coefficient: $r = 0.999839$, $r^2 = 0.999679$

Calibration curve: $0.949765 \cdot x + 0.0149853$

Response type: Internal Std (Ref 58); Area * (IS Conc. / IS Area)

Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 15:24:47 Pacific Daylight Time

Printed: Saturday, May 26, 2018 15:31:15 Pacific Daylight Time

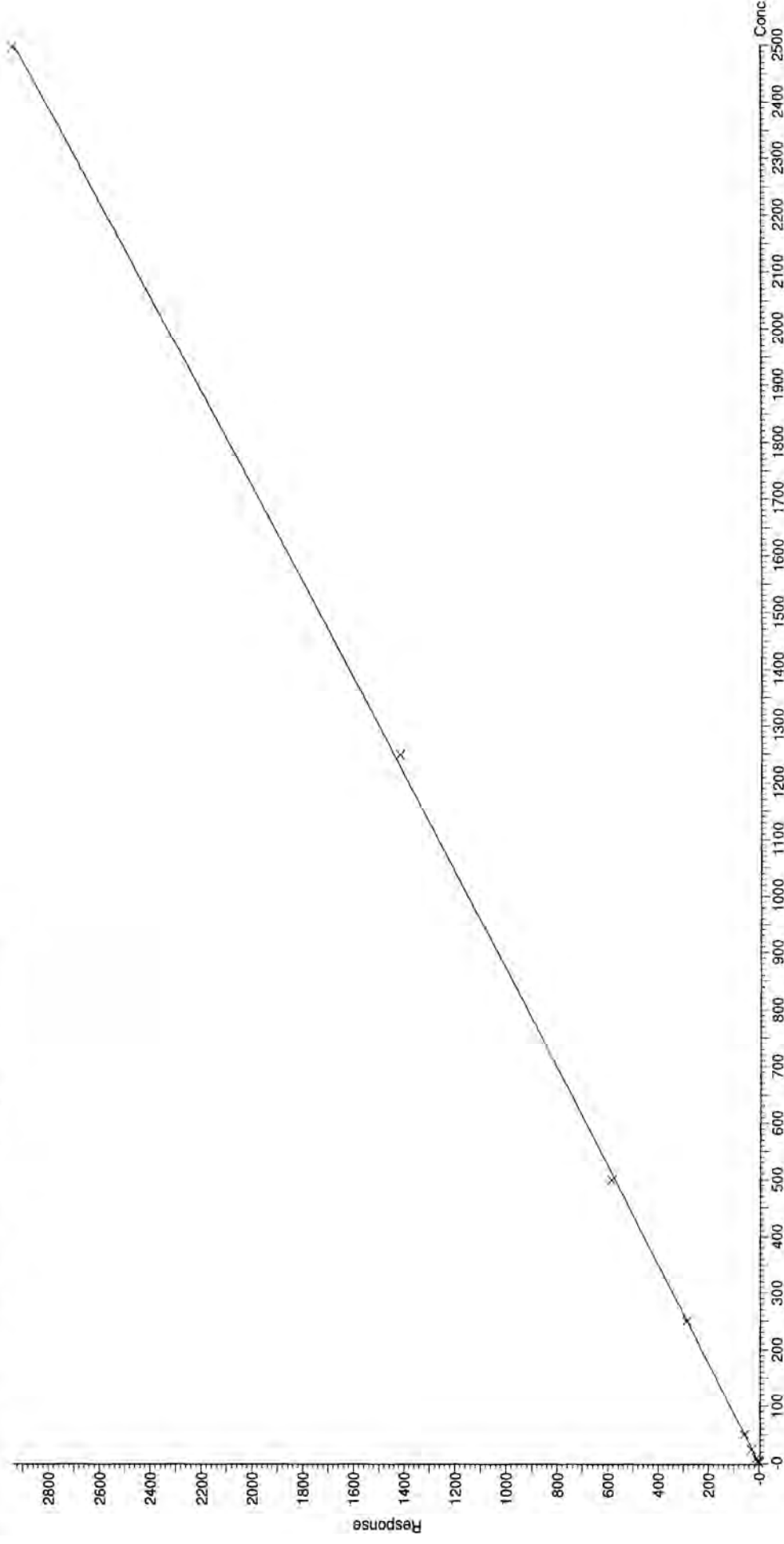
Compound name: N-EtFOSE

Coefficient of Determination: $R^2 = 0.999845$

Calibration curve: $1.2311e-005 * x^2 + 1.14044 * x + 0.0573352$

Response type: Internal Std (Ref 59), Area * (IS Conc. / IS Area)

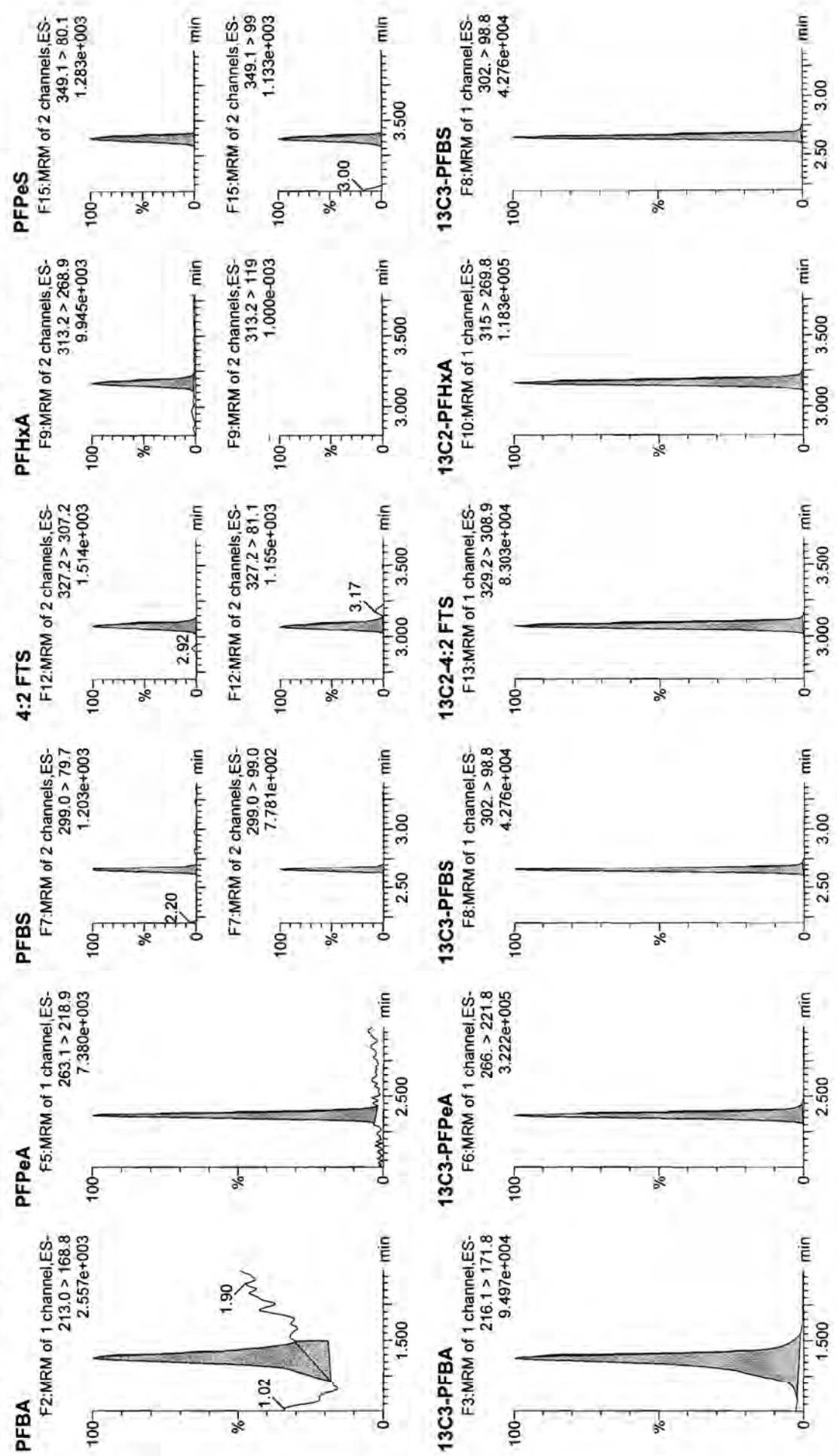
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset F:\Projects\PFAS.PRO\Results\180525M1\180525M1-CRV_B.qld
 Last Altered: Saturday, May 26, 2018 13:39:00 Pacific Daylight Time
 Printed: Saturday, May 26, 2018 13:41:27 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052518.mdb 26 May 2018 13:23:14
 Calibration: F:\Projects\PFAS.PRO\CurveDB\IC18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 13:39:00

Name: 180525M1_2, Date: 25-May-2018, Time: 14:53:24, ID: ST180525M1-1 PFC CS-2 18E2202, Description: PFC CS-2 18E2202

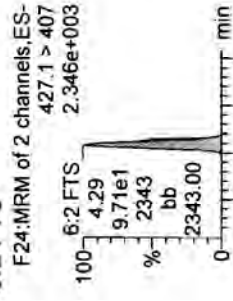


Dataset: F:\Projects\PFAS\PRO\Results\180525M1\18025M1-CRV_B.qld

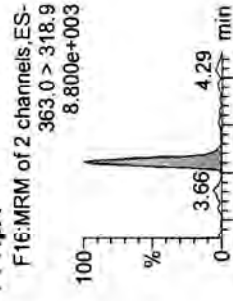
Last Altered: Saturday, May 26, 2018 13:39:00 Pacific Daylight Time
Printed: Saturday, May 26, 2018 13:41:27 Pacific Daylight Time

Name: 180525M1_2, Date: 25-May-2018, Time: 14:53:24, ID: ST180525M1-1 PFC CS-2 18E2202, Description: PFC CS-2 18E2202

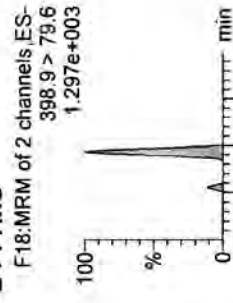
6:2 FTS



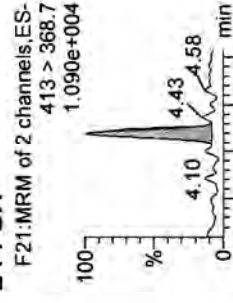
PFHpA



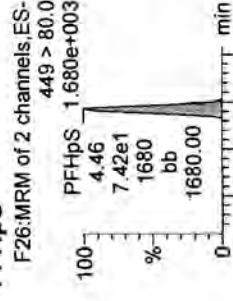
L-PFHxS



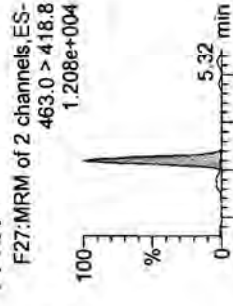
L-PFOA



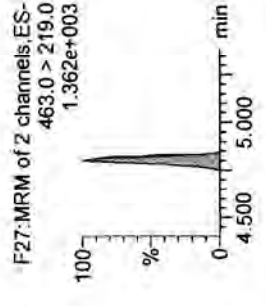
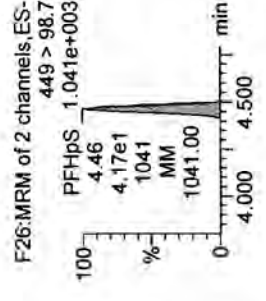
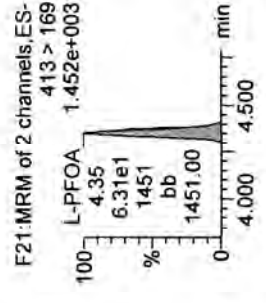
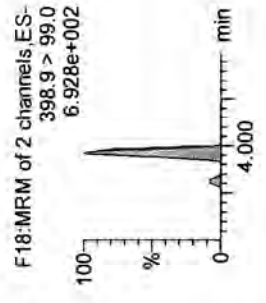
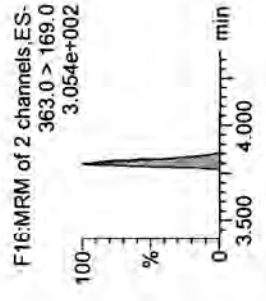
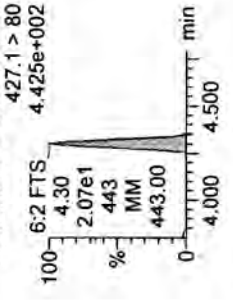
PFHpS



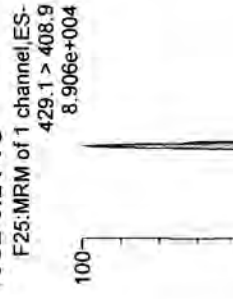
PFNA



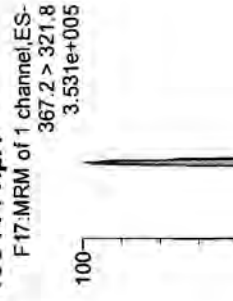
6:2 FTS



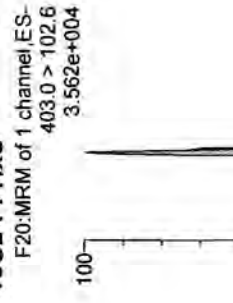
13C2-6:2 FTS



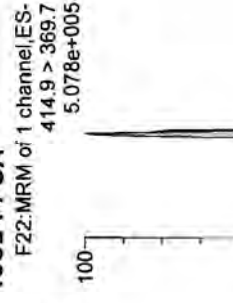
13C4-PFHpA



18O2-PFHxS



13C2-PFOA



13C2-PFOA



13C5-PFNA



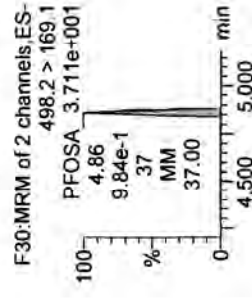
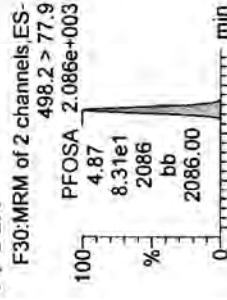
Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 13:39:00 Pacific Daylight Time

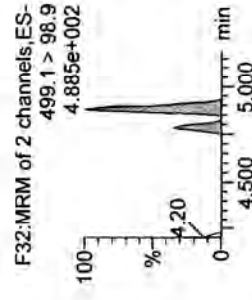
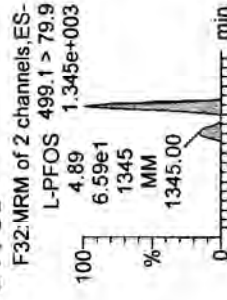
Printed: Saturday, May 26, 2018 13:41:27 Pacific Daylight Time

Name: 180525M1_2, Date: 25-May-2018, Time: 14:53:24, ID: ST180525M1-1 PFC CS-2 18E2202, Description: PFC CS-2 18E2202

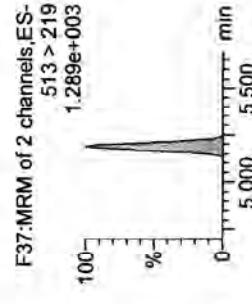
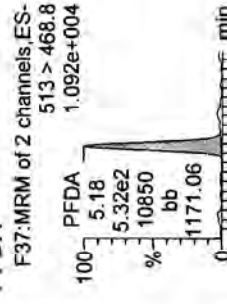
PFOSA



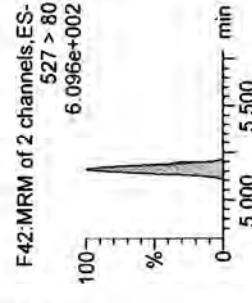
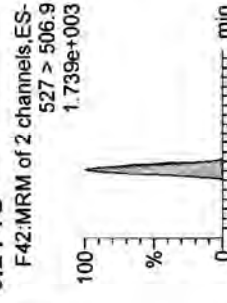
L-PFOS



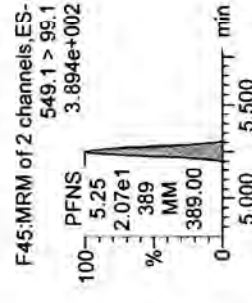
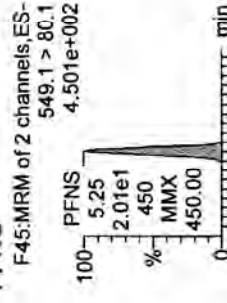
PFDA



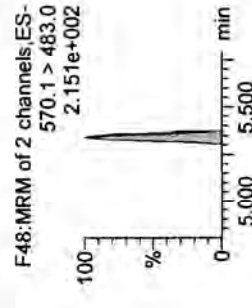
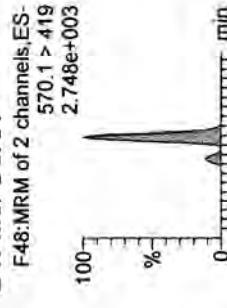
8:2 FTS



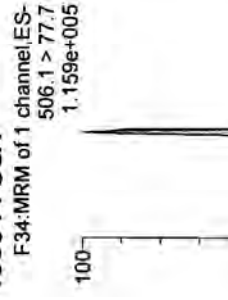
PFNS



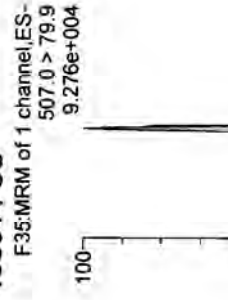
L-N-MeFOSAA



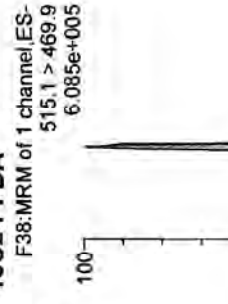
13C8-PFOSA



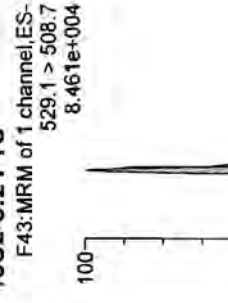
13C8-PFOS



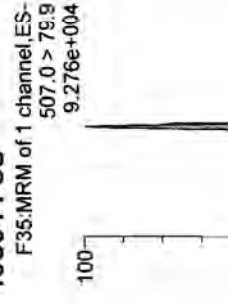
13C2-PFDA



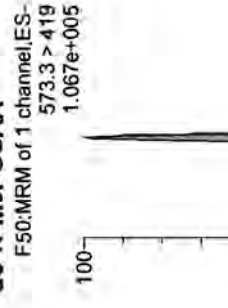
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA

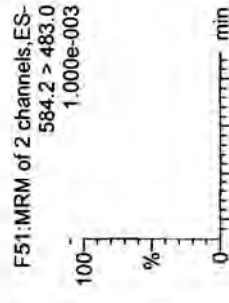
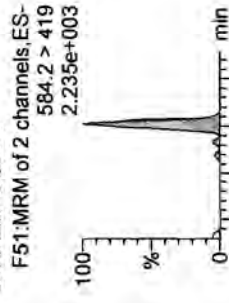


Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

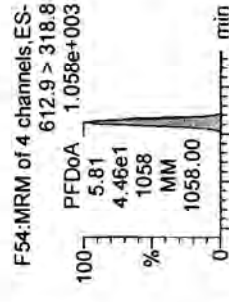
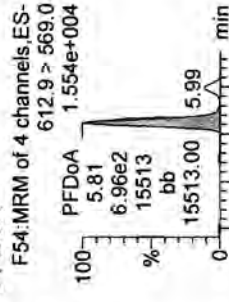
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Printed: Saturday, May 26, 2018 13:41:27 Pacific Daylight Time

Name: 180525M1_2, Date: 25-May-2018, Time: 14:53:24, ID: ST180525M1-1 PFC CS-2 18E2202, Description: PFC CS-2 18E2202

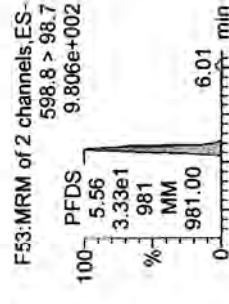
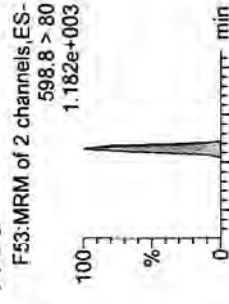
L-N-EtFOSAA



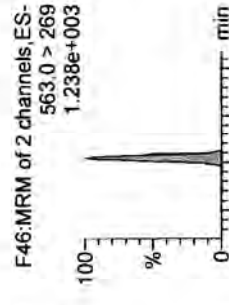
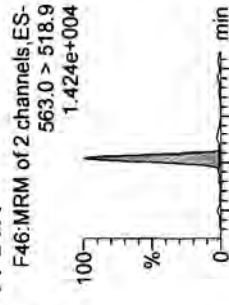
PFDaA



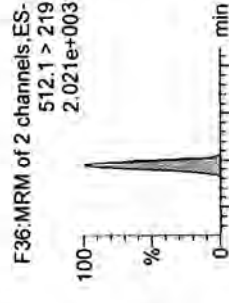
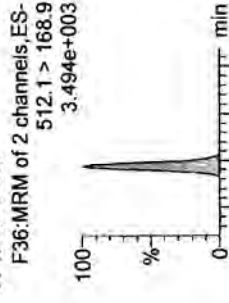
PFDS



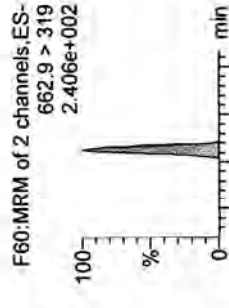
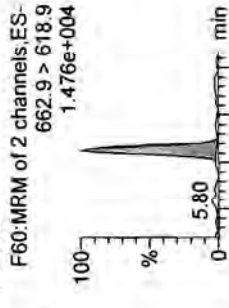
PFUdA



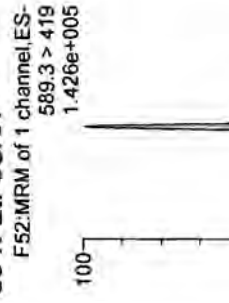
N-MeFOSA



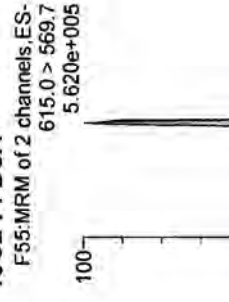
PFTdA



d5-N-EtFOSAA



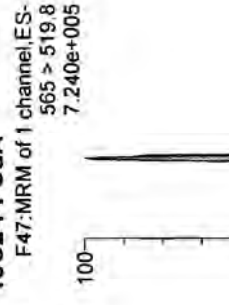
13C2-PFDaA



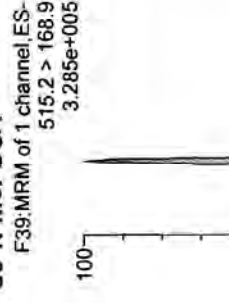
13C2-PFUdA



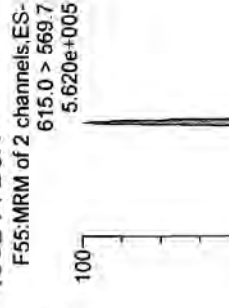
13C2-PFUDa



d3-N-MeFOSA



13C2-PFDoA



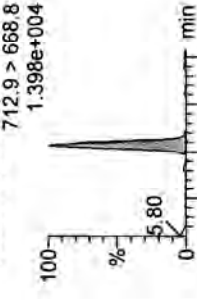
Dataset: F:\Projects\PFAS.PRO\Results\180525M1\180525M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 13:39:00 Pacific Daylight Time
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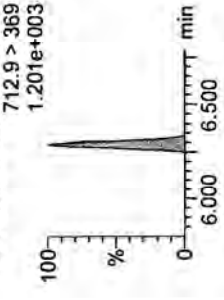
Name: 180525M1_2, Date: 25-May-2018, Time: 14:53:24, ID: ST180525M1-1 PFC CS-2 18E2202, Description: PFC CS-2 18E2202

PFTeDA

F61:MRM of 2 channels,ES-
712.9 > 668.8

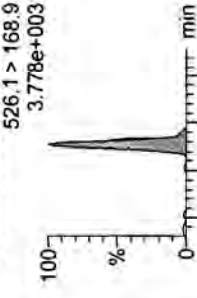


F61:MRM of 2 channels,ES-
712.9 > 369

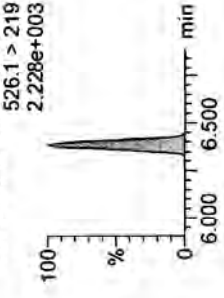


N-EtFOSA

F41:MRM of 2 channels,ES-
526.1 > 168.9

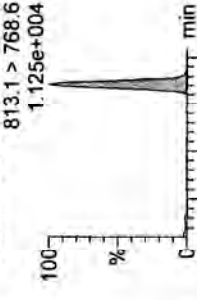


F41:MRM of 2 channels,ES-
526.1 > 219

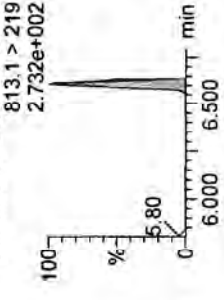


PFHxDa

F53:MRM of 2 channels,ES-
813.1 > 768.6

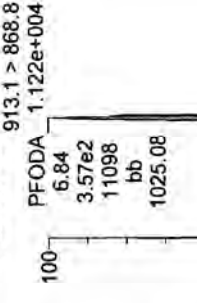


F53:MRM of 2 channels,ES-
813.1 > 219

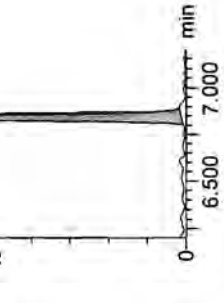


PFODA

F65:MRM of 1 channel,ES-
913.1 > 868.8

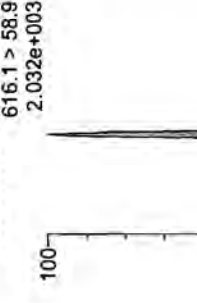


F65:MRM of 1 channel,ES-
913.1 > 58.9

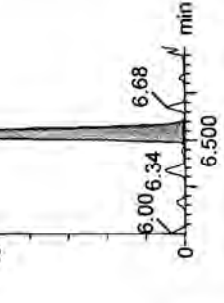


N-MeFOSE

F56:MRM of 1 channel,ES-
616.1 > 58.9



F56:MRM of 1 channel,ES-
616.1 > 58.9

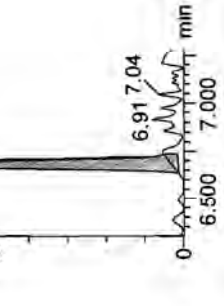


N-EtFOSE

F58:MRM of 1 channel,ES-
630.1 > 58.9

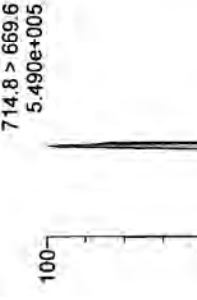


F58:MRM of 1 channel,ES-
630.1 > 58.9



13C2-PFTeDA

F62:MRM of 2 channels,ES-
714.8 > 669.6



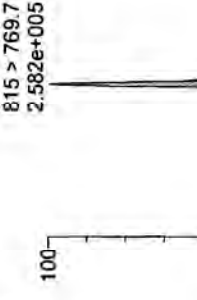
d5-N-EtFOSA

F44:MRM of 1 channel,ES-
531.1 > 168.9



13C2-PFHxDa

F64:MRM of 1 channel,ES-
815 > 769.7



13C2-PFHxDa

F64:MRM of 1 channel,ES-
815 > 769.7



d7-N-MeFOSE

F57:MRM of 1 channel,ES-
623.1 > 58.9



d9-N-EtFOSE

F59:MRM of 1 channel,ES-
639.2 > 58.8

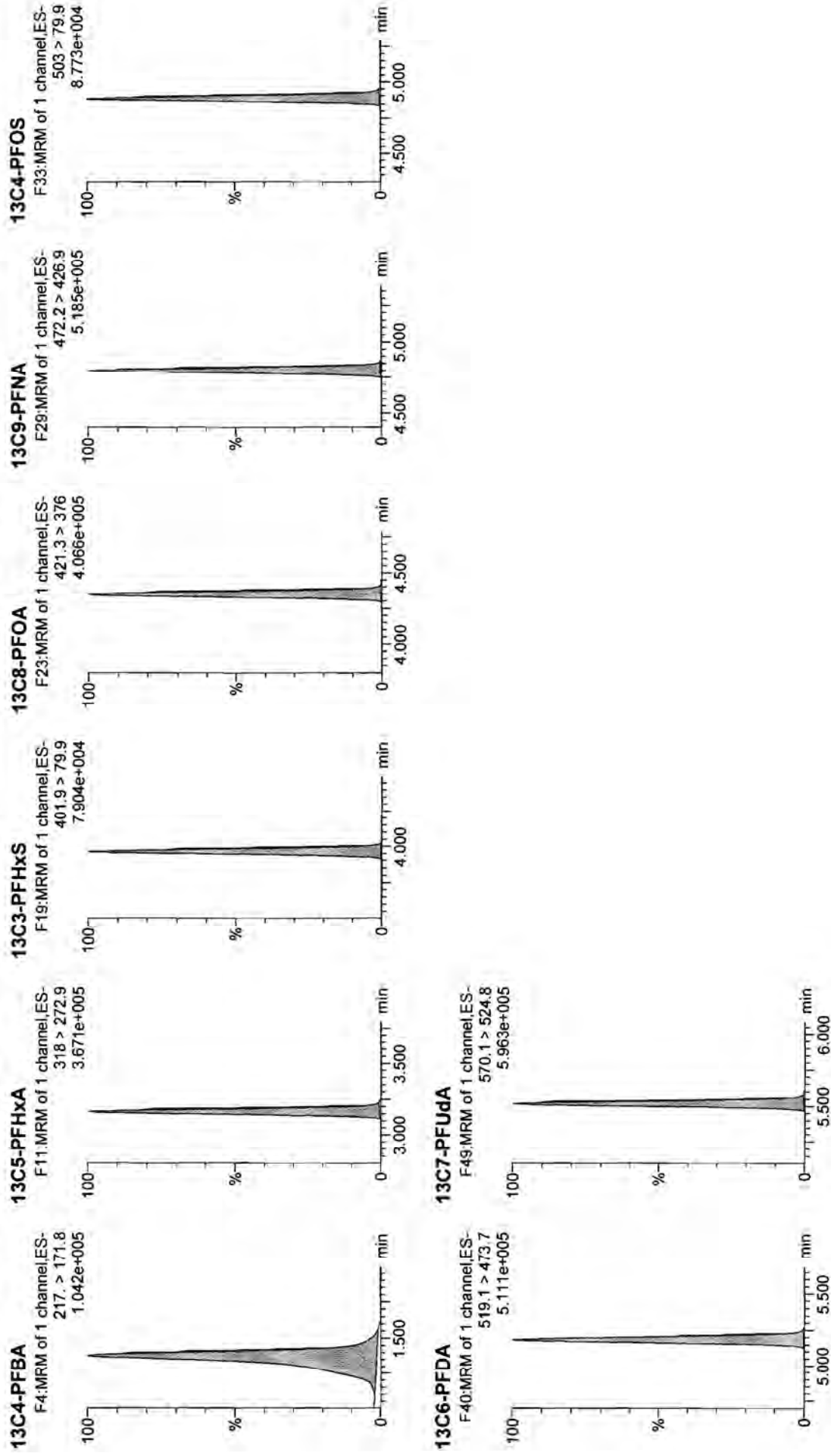


Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 13:39:00 Pacific Daylight Time

Printed: Saturday, May 26, 2018 13:41:27 Pacific Daylight Time

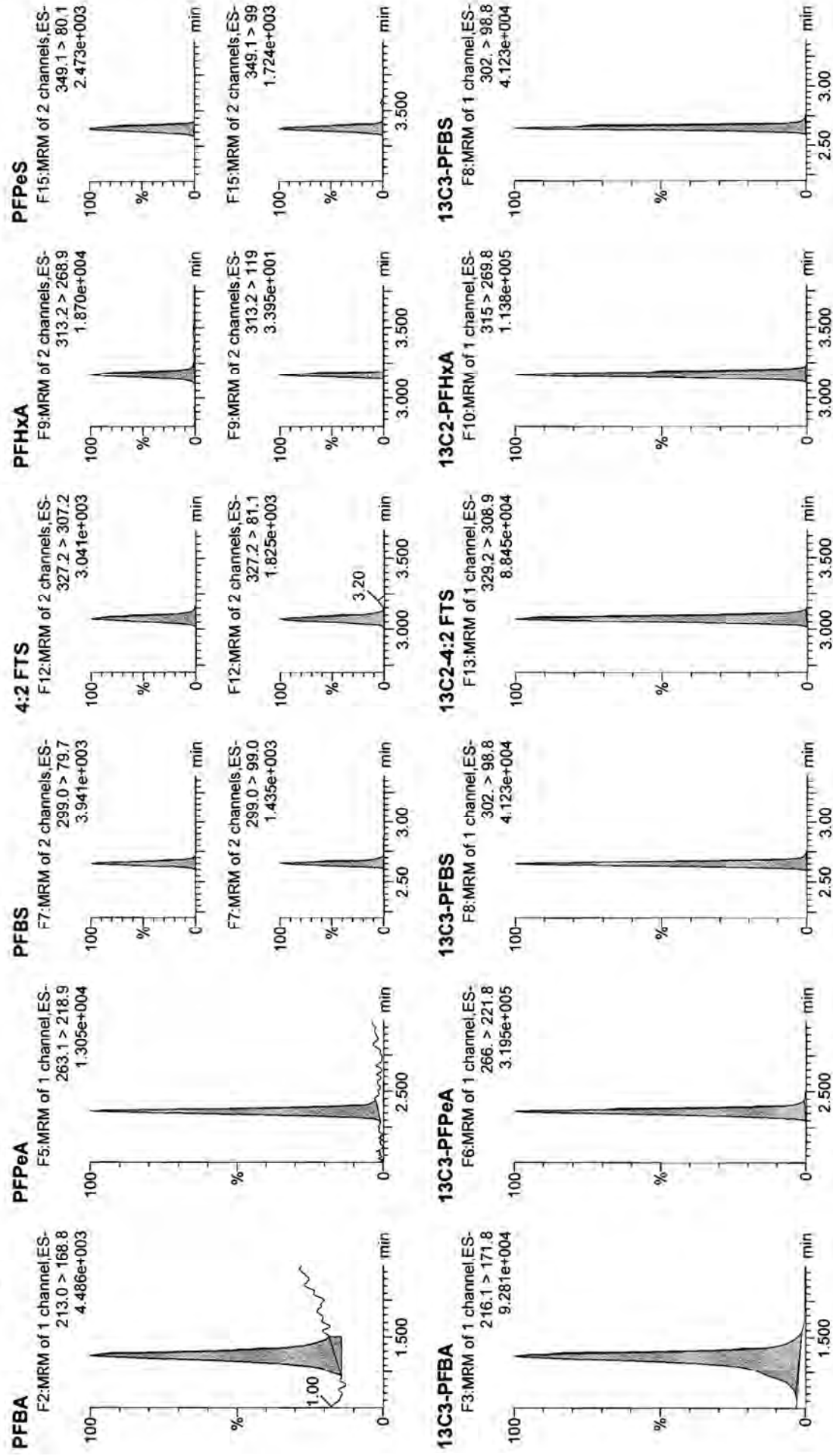
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Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

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Printed: Saturday, May 26, 2018 13:41:27 Pacific Daylight Time

Name: 180525M1_3, Date: 25-May-2018, Time: 15:04:47, ID: ST180525M1-2 PFC CS-1 18E2203, Description: PFC CS-1 18E2203

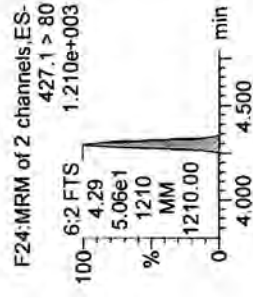
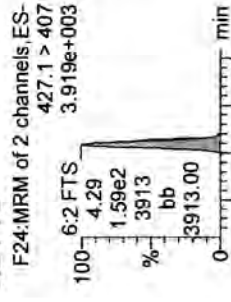


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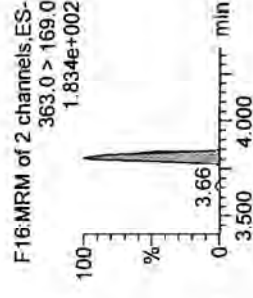
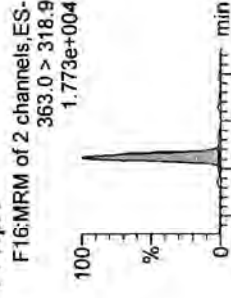
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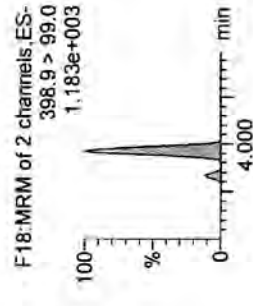
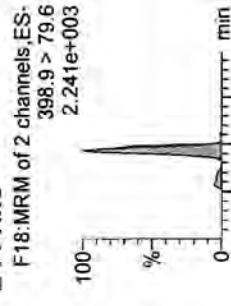
6:2 FTS



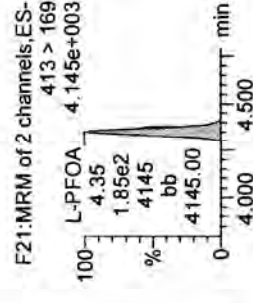
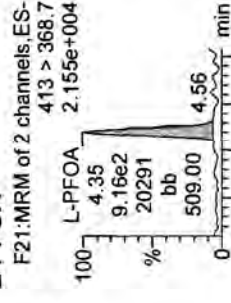
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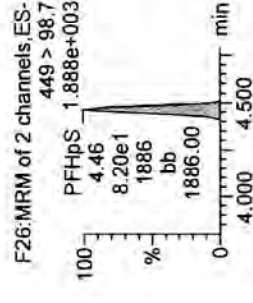
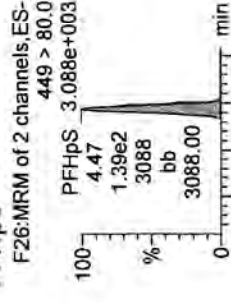
L-PFHxS



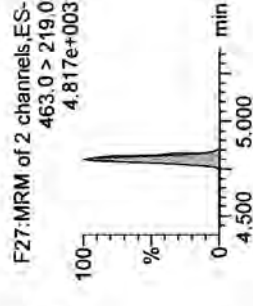
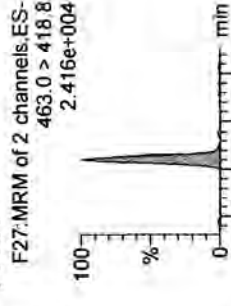
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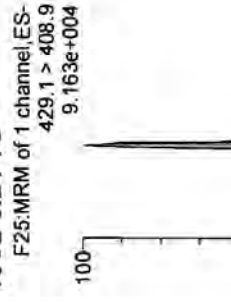
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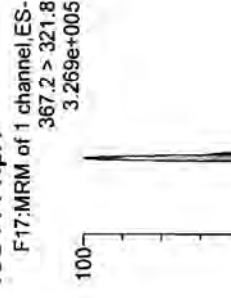
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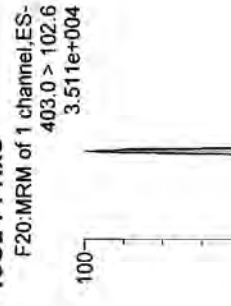
13C2-6:2 FTS



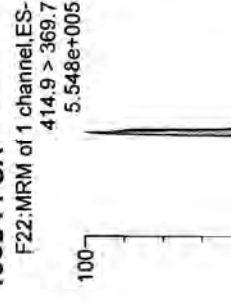
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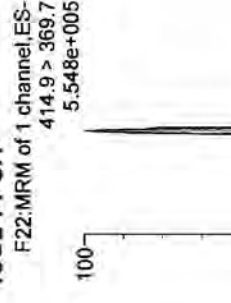
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13C2-PFOA



13C2-PFOA



13C5-PFNA

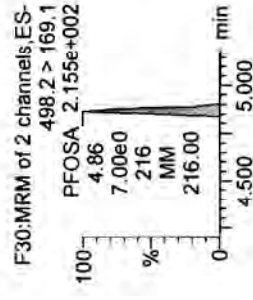
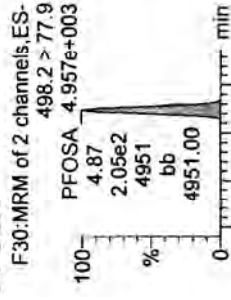


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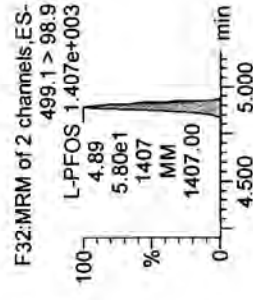
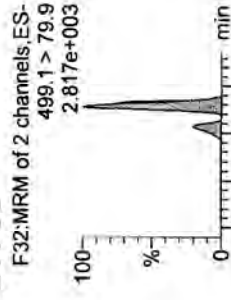
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Printed: Saturday, May 26, 2018 13:41:27 Pacific Daylight Time

Name: 180525M1_3, Date: 25-May-2018, Time: 15:04:47, ID: ST180525M1-2 PFC CS-1 18E2203, Description: PFC CS-1 18E2203

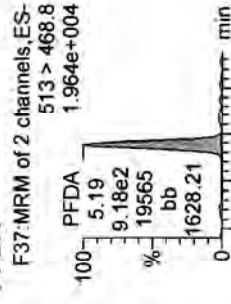
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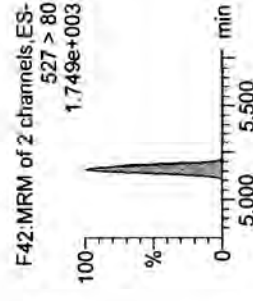
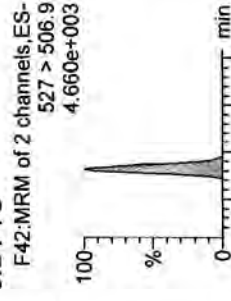
L-PFOS



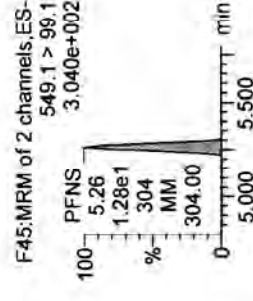
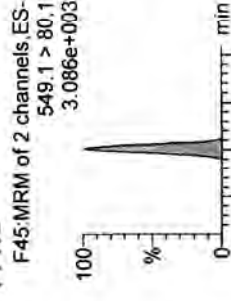
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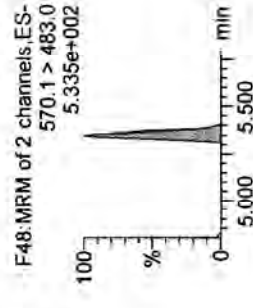
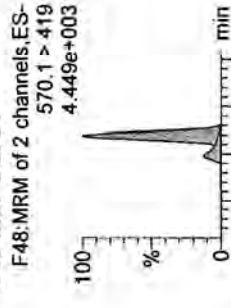
8:2 FTS



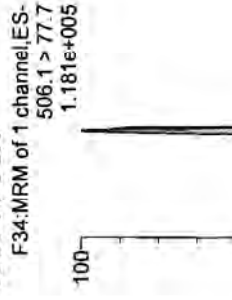
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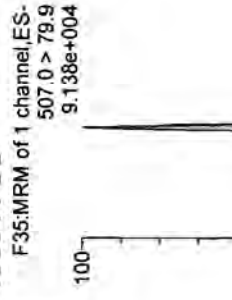
L-N-MeFOSAA



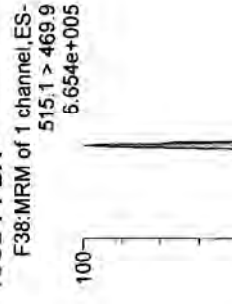
13C8-PFOSA



13C8-PFOS



13C2-PFDA



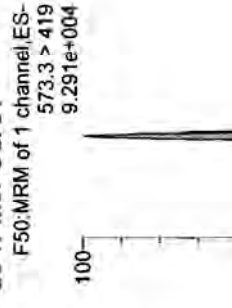
13C2-8:2 FTS



13C8-PFOS

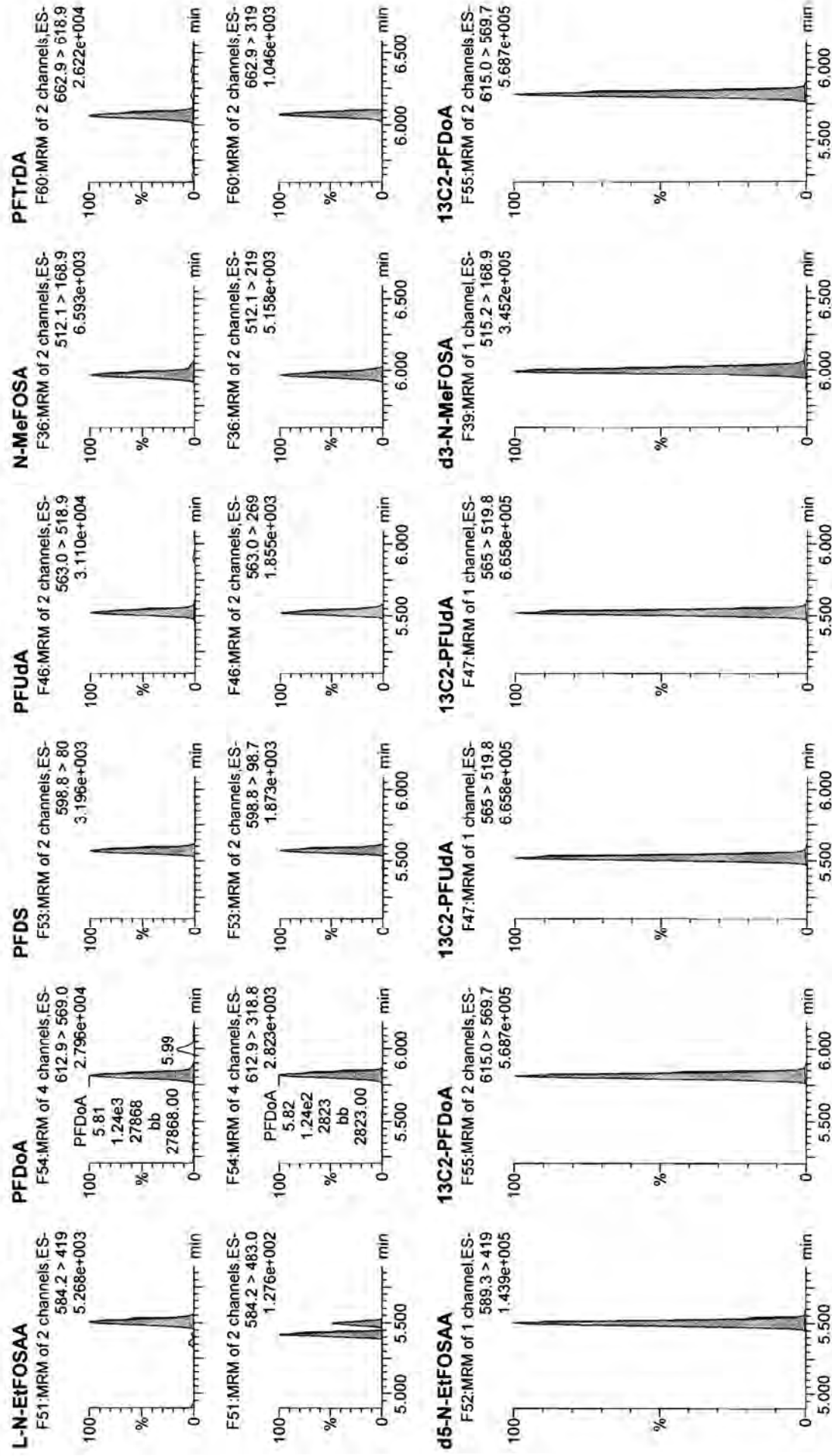


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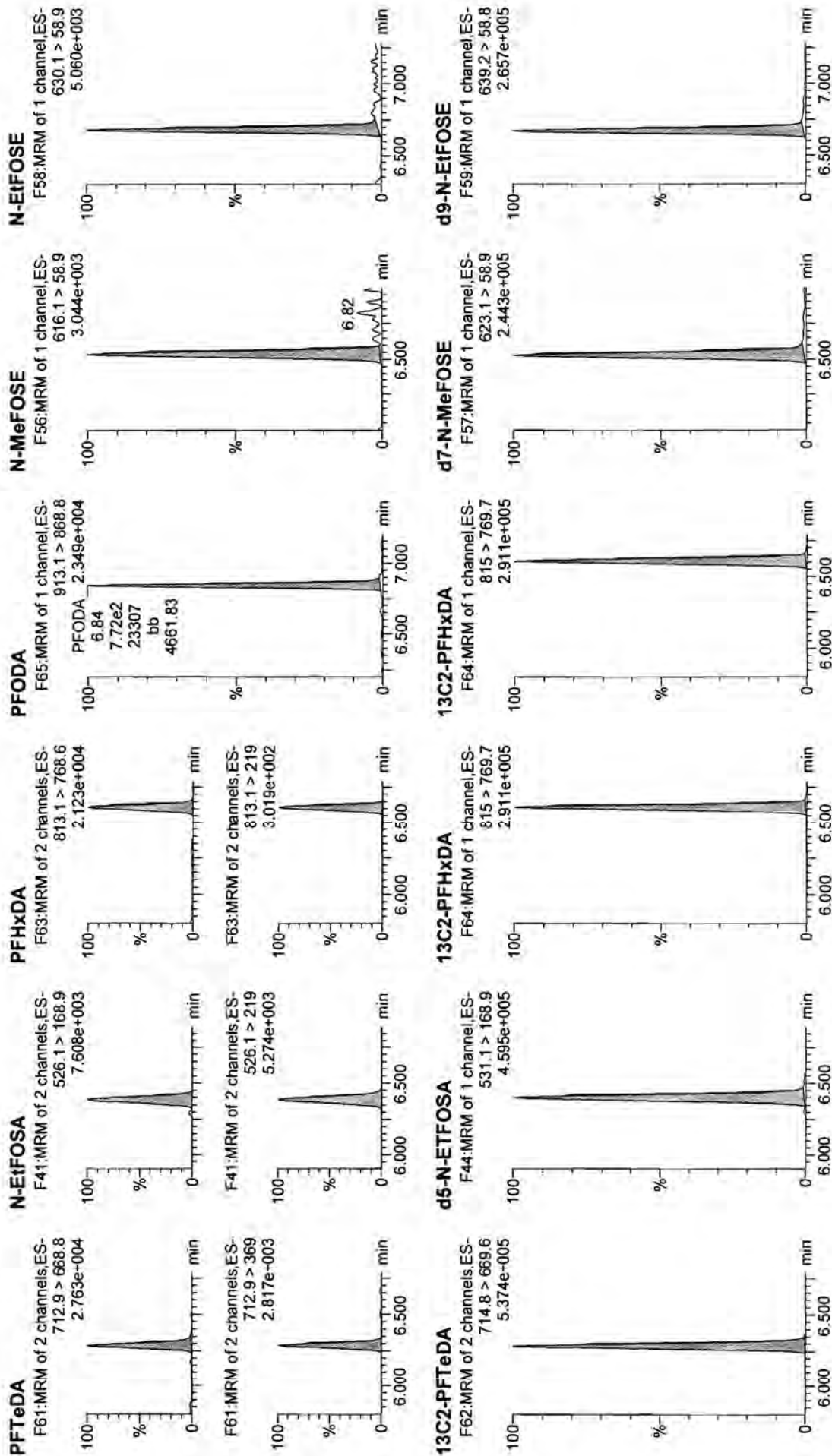
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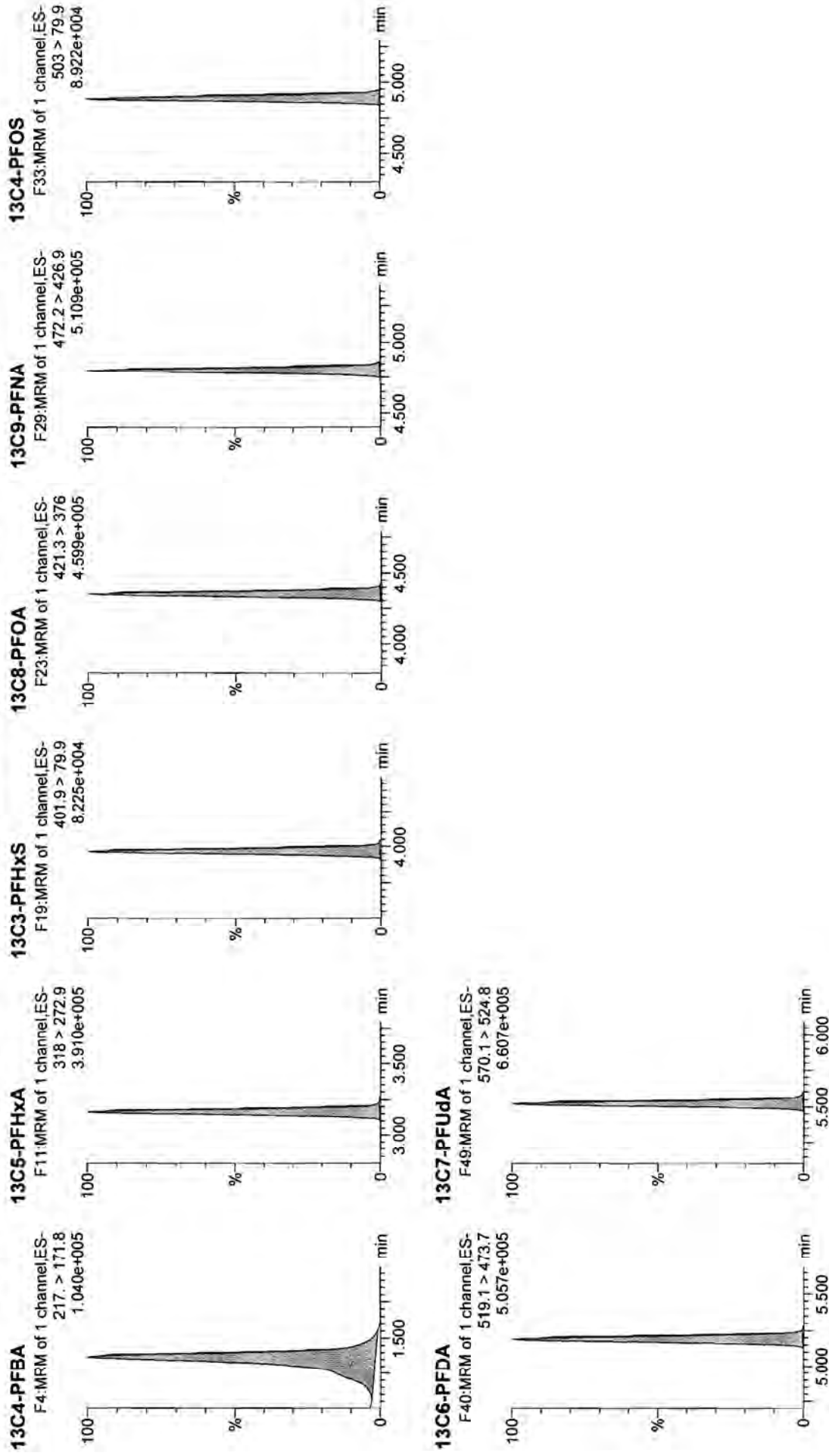
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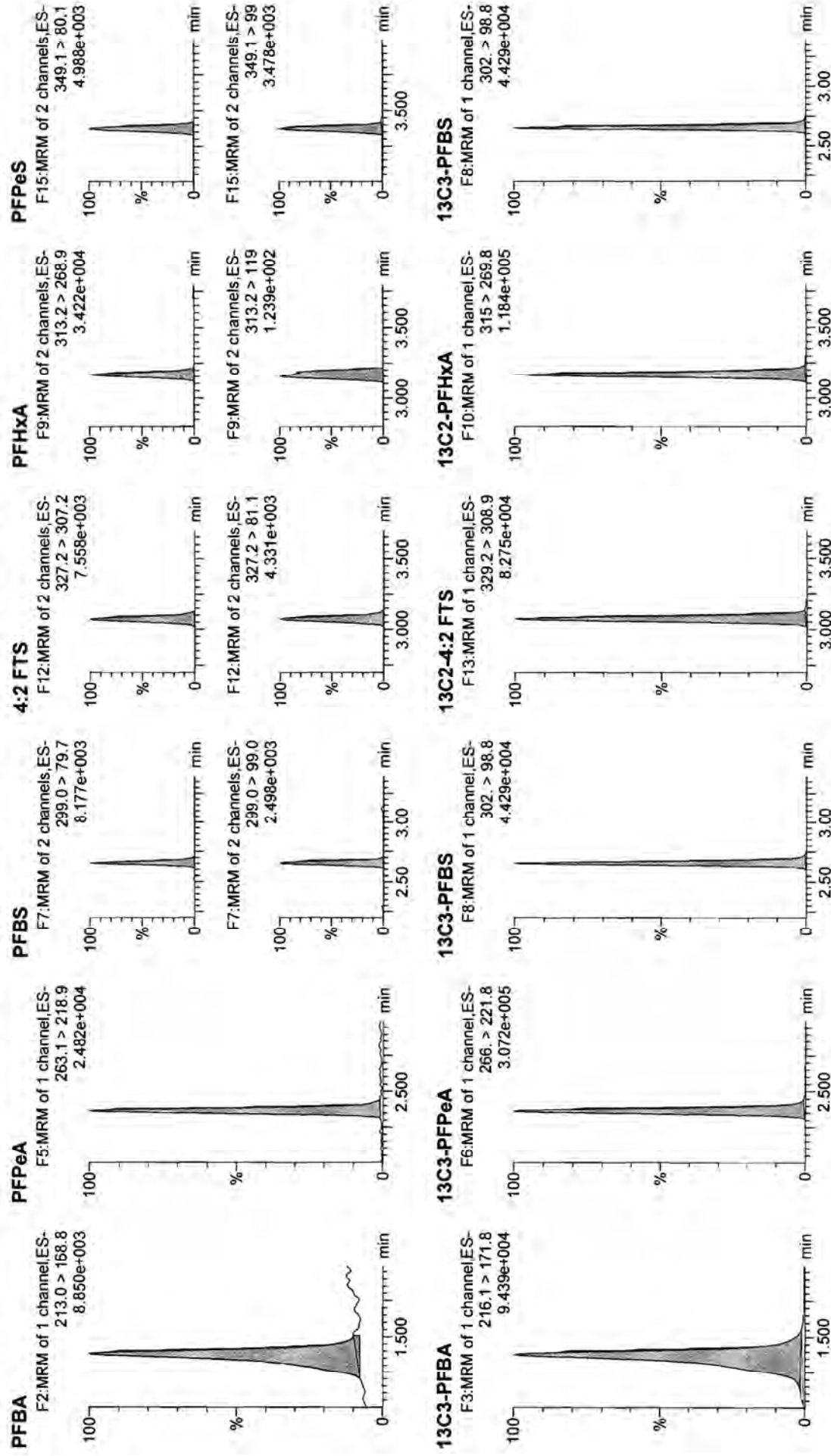
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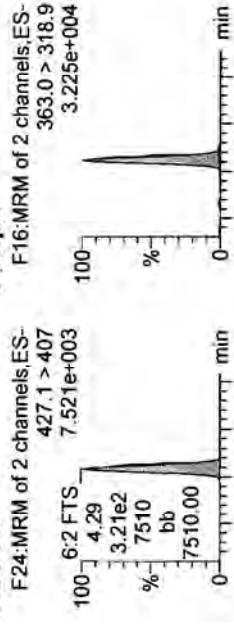


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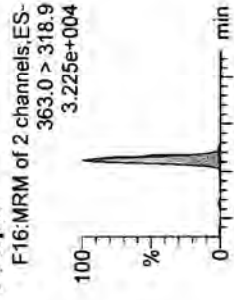
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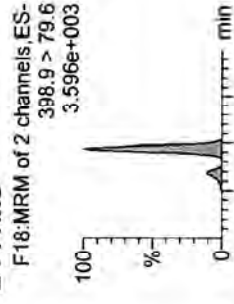
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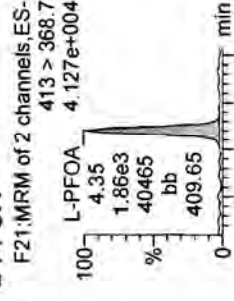
PFHpA



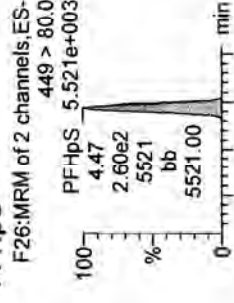
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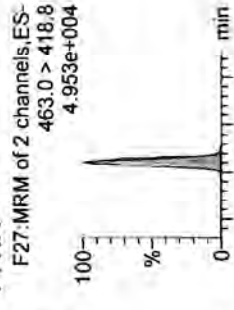
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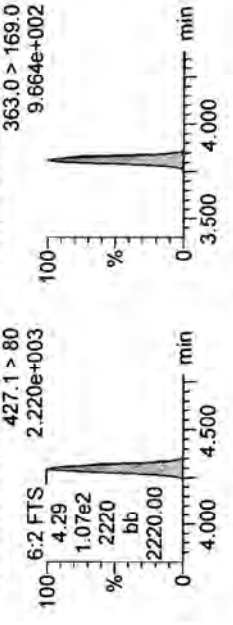
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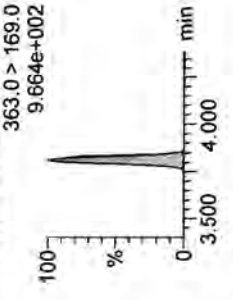
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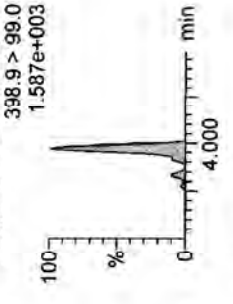
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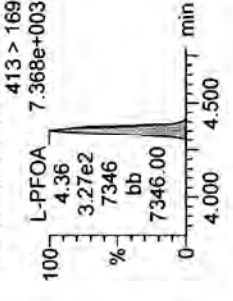
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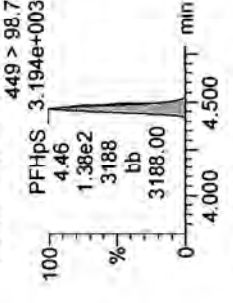
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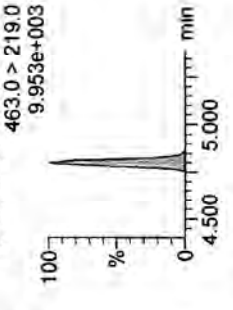
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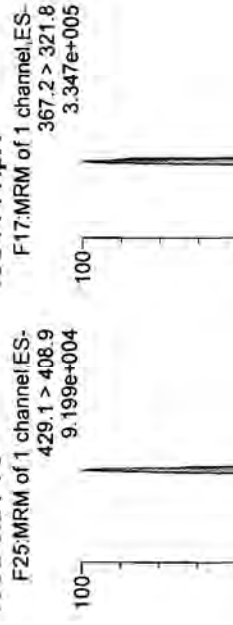
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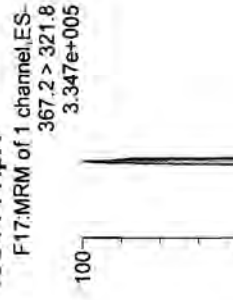
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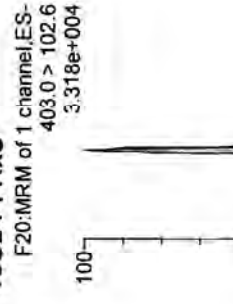
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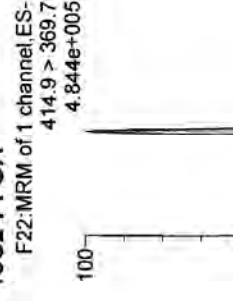
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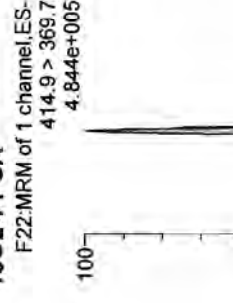
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13C2-PFOA



13C2-PFOA



13C5-PFNA

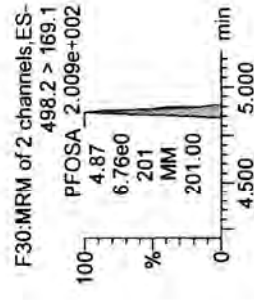
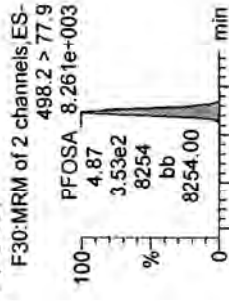


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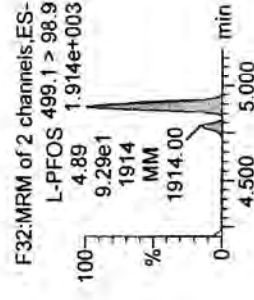
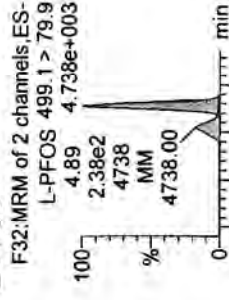
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Name: 180525M1_4, Date: 25-May-2018, Time: 15:16:11, ID: ST180525M1-3 PFC CS0 18E2204, Description: PFC CS0 18E2204

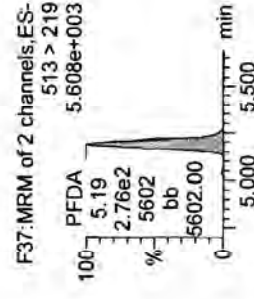
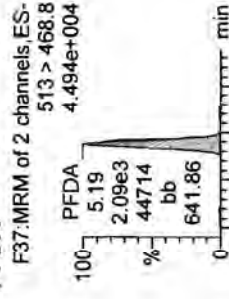
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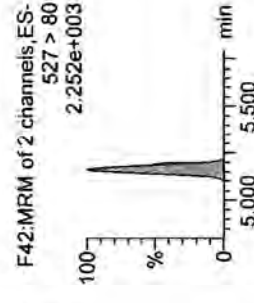
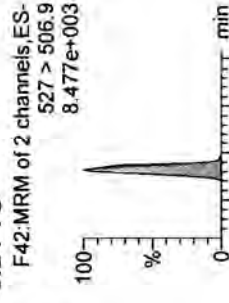
L-PFOS



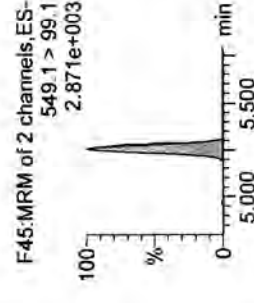
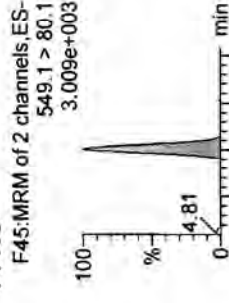
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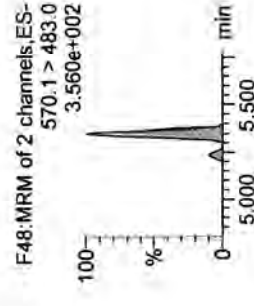
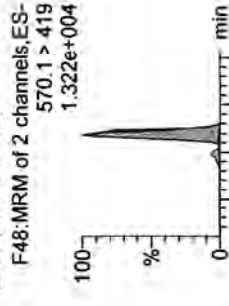
8:2 FTS



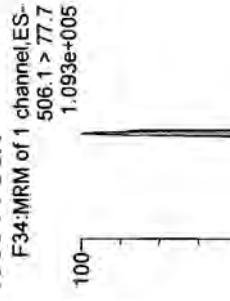
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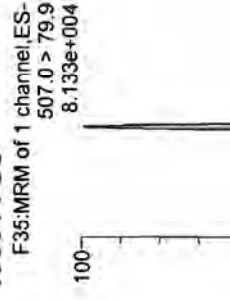
L-N-MeFOSAA



13C8-PFOA



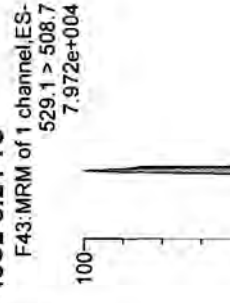
13C8-PFOS



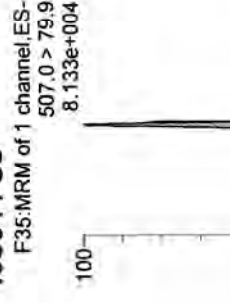
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13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA

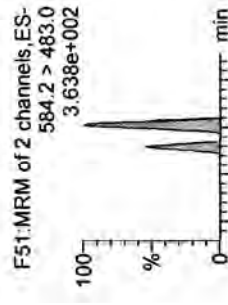
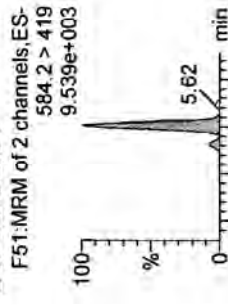


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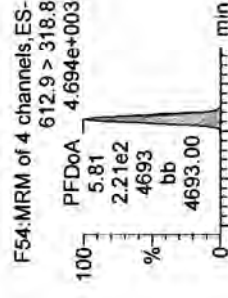
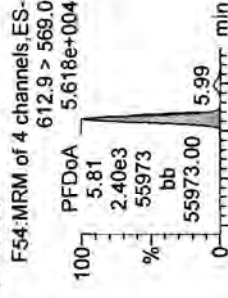
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Name: 180525M1_4, Date: 25-May-2018, Time: 15:16:11, ID: ST180525M1-3 PFC CS0 18E2204, Description: PFC CS0 18E2204

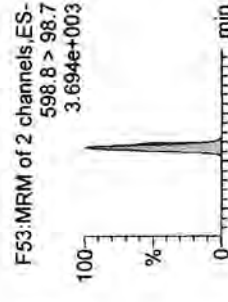
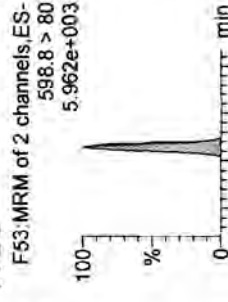
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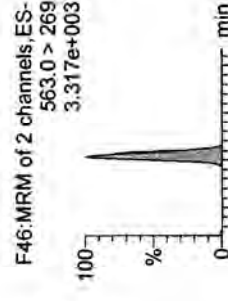
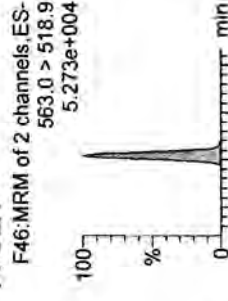
PFDoA



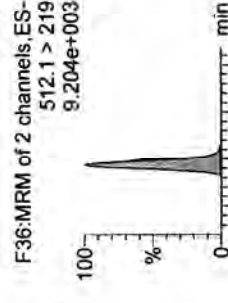
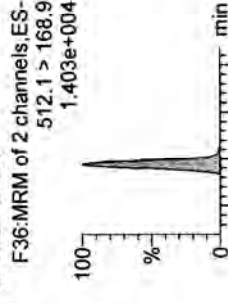
PFDS



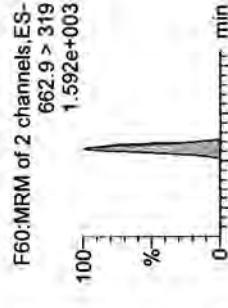
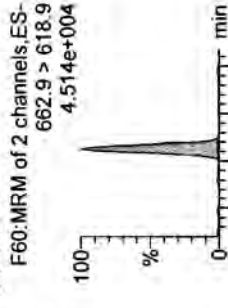
PFUDa



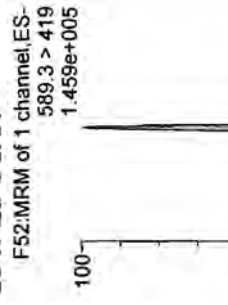
N-MeFOSA



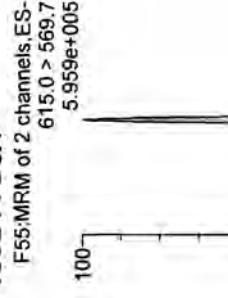
PFTrDA



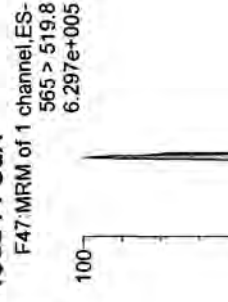
d5-N-EtFOSAA



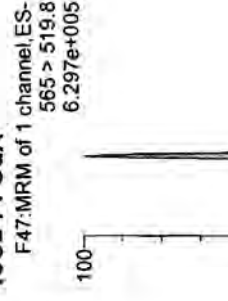
13C2-PFDoA



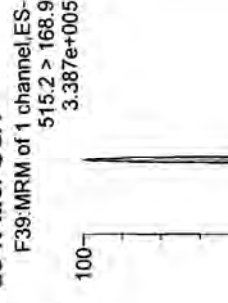
13C2-PFUDa



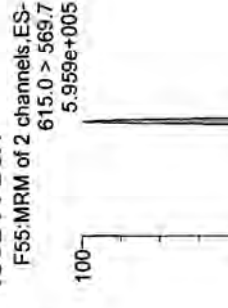
13C2-PFUDa



d3-N-MeFOSA



13C2-PFDoA



Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

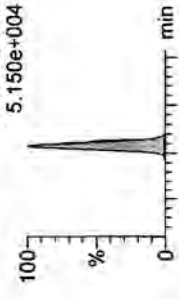
Last Altered: Saturday, May 26, 2018 13:39:00 Pacific Daylight Time

Printed: Saturday, May 26, 2018 13:41:27 Pacific Daylight Time

Name: 180525M1_4, Date: 25-May-2018, Time: 15:16:11, ID: ST180525M1-3 PFC CS0 18E2204, Description: PFC CS0 18E2204

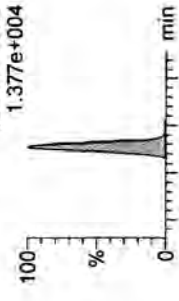
PFTeDA

F61:MRM of 2 channels, ES-
712.9 > 668.8
5.150e+004



N-EtFOSA

F41:MRM of 2 channels, ES-
526.1 > 168.9
1.377e+004



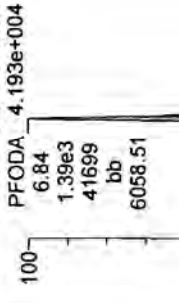
PFHxDa

F63:MRM of 2 channels, ES-
813.1 > 768.6
3.882e+004



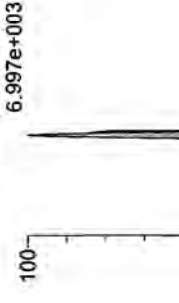
PFODA

F65:MRM of 1 channel, ES-
913.1 > 868.8
4.193e+004



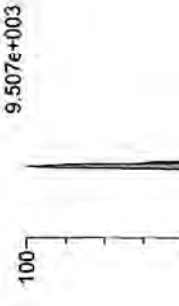
N-MeFOSE

F56:MRM of 1 channel, ES-
616.1 > 58.9
6.997e+003

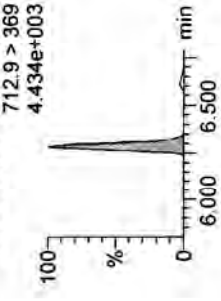


N-EtFOSE

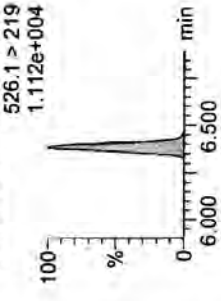
F58:MRM of 1 channel, ES-
630.1 > 58.9
9.507e+003



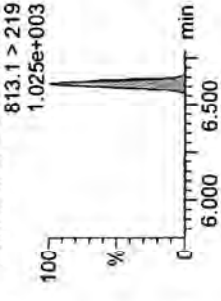
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712.9 > 369
4.434e+003



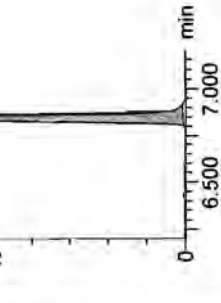
F41:MRM of 2 channels, ES-
526.1 > 219
1.112e+004



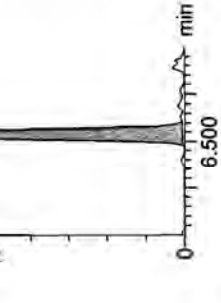
F63:MRM of 2 channels, ES-
813.1 > 219
1.025e+003



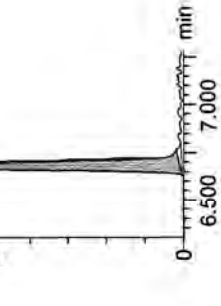
F65:MRM of 1 channel, ES-
913.1 > 868.8
4.193e+004



F56:MRM of 1 channel, ES-
616.1 > 58.9
6.997e+003

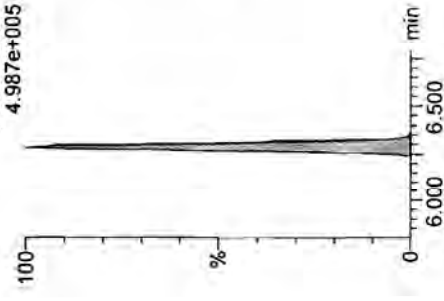


F58:MRM of 1 channel, ES-
630.1 > 58.9
9.507e+003



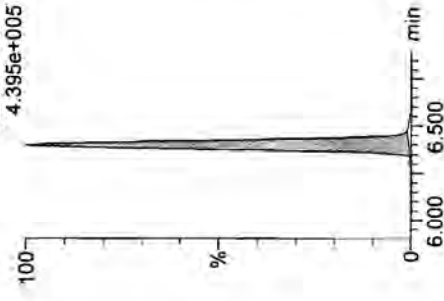
13C2-PFTeDA

F62:MRM of 2 channels, ES-
714.8 > 669.6
4.987e+005



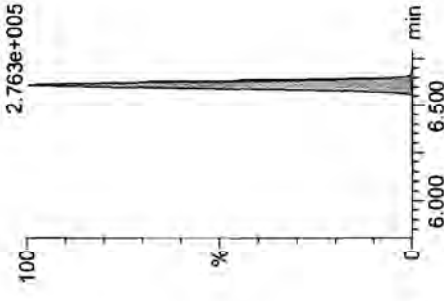
d5-N-EtFOSA

F44:MRM of 1 channel, ES-
531.1 > 168.9
4.395e+005



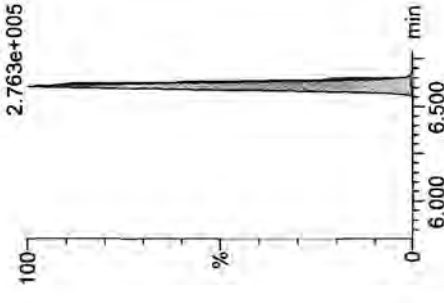
13C2-PFHxDa

F64:MRM of 1 channel, ES-
815 > 769.7
2.763e+005



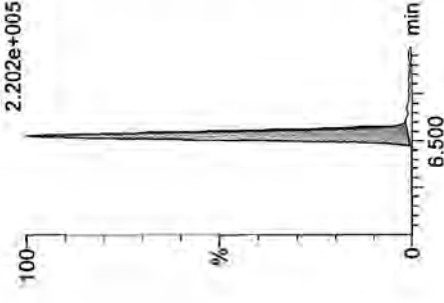
13C2-PFHxDa

F64:MRM of 1 channel, ES-
815 > 769.7
2.763e+005



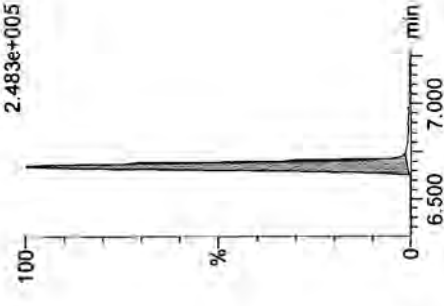
d7-N-MeFOSE

F57:MRM of 1 channel, ES-
623.1 > 58.9
2.202e+005



d9-N-EtFOSE

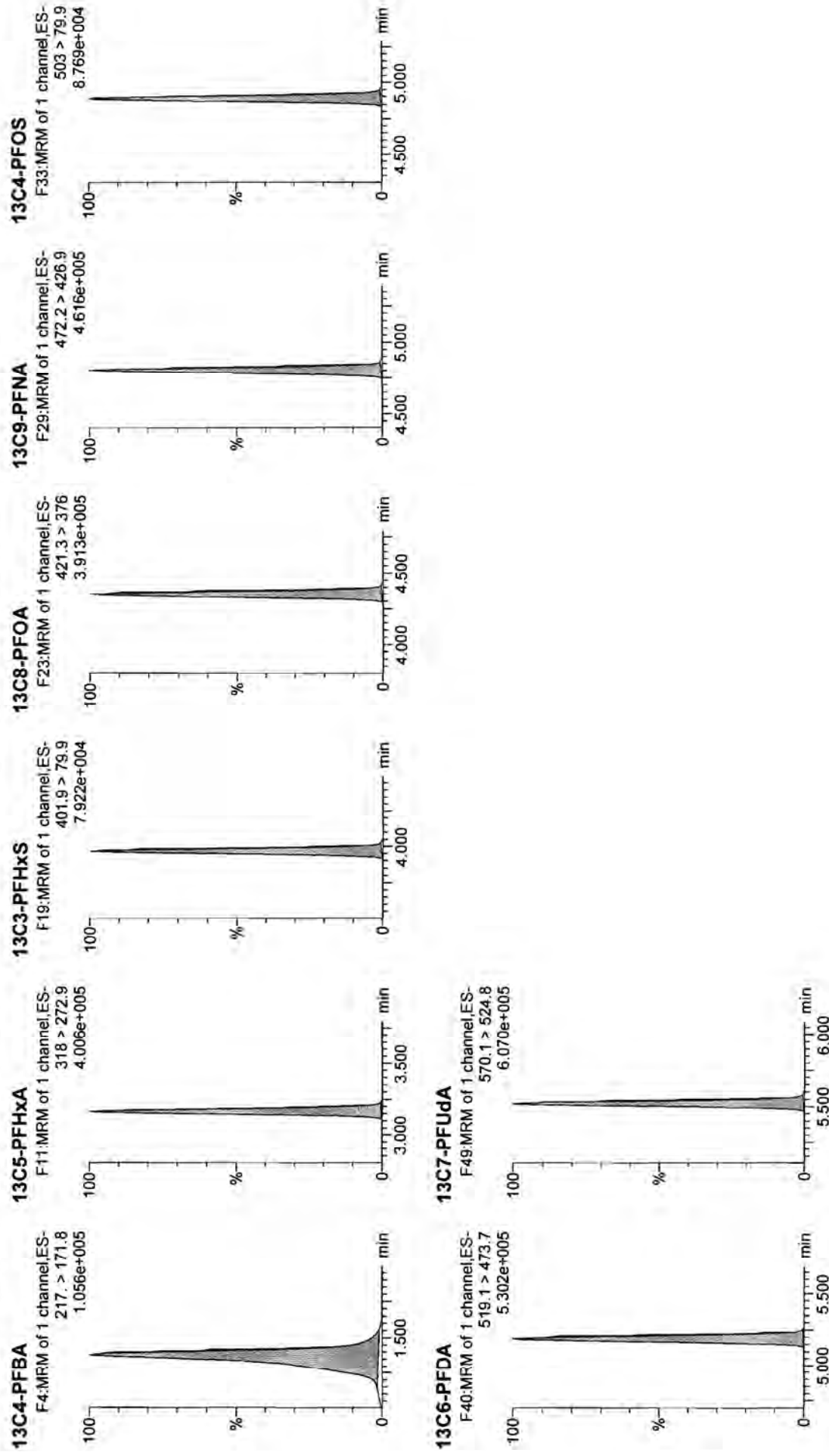
F59:MRM of 1 channel, ES-
639.2 > 58.8
2.483e+005



Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 13:39:00 Pacific Daylight Time
Printed: Saturday, May 26, 2018 13:41:27 Pacific Daylight Time

Name: 180525M1_4, Date: 25-May-2018, Time: 15:16:11, ID: ST180525M1-3 PFC CS0 18E2204, Description: PFC CS0 18E2204

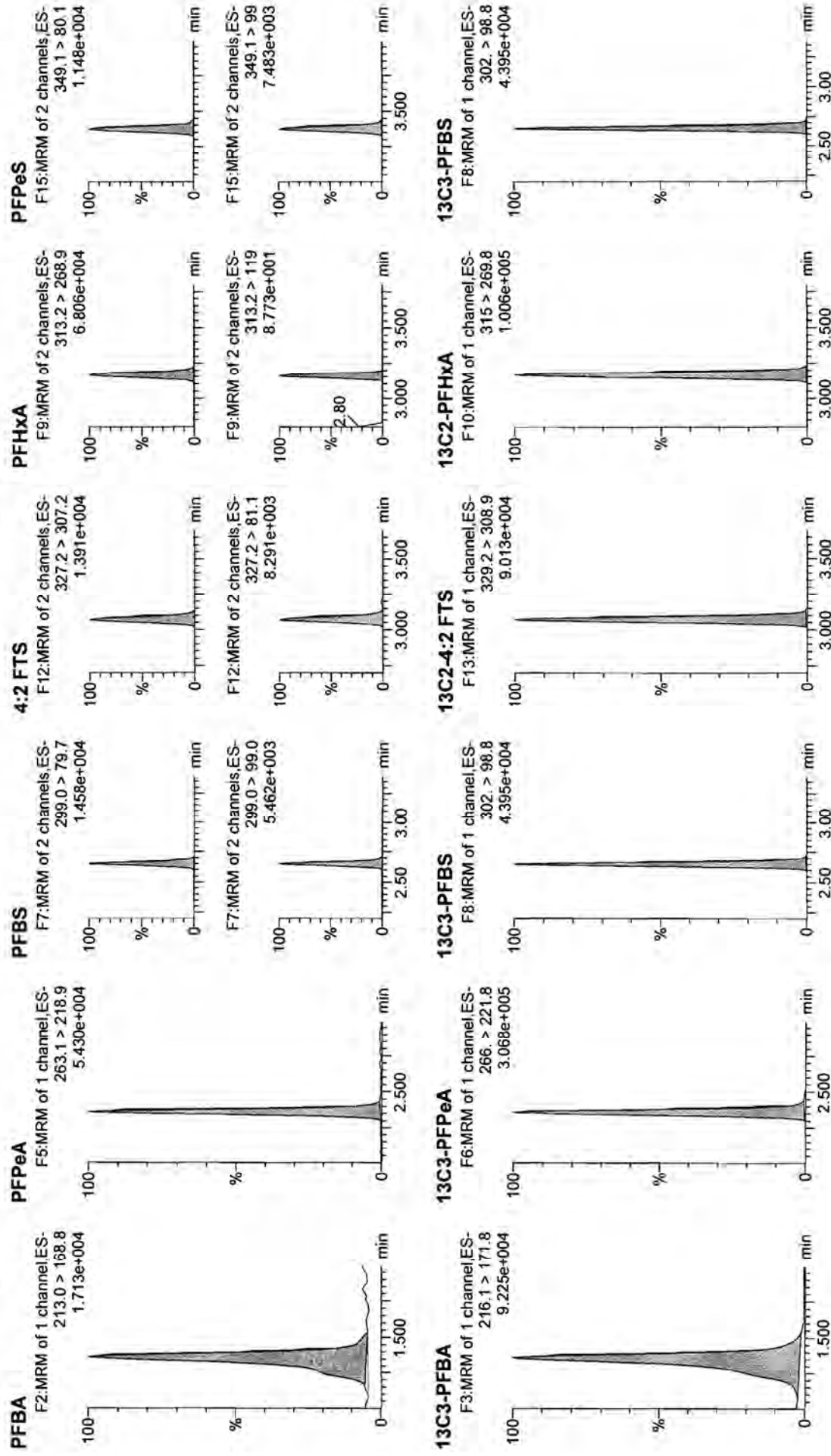


Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 13:39:00 Pacific Daylight Time

Printed: Saturday, May 26, 2018 13:41:27 Pacific Daylight Time

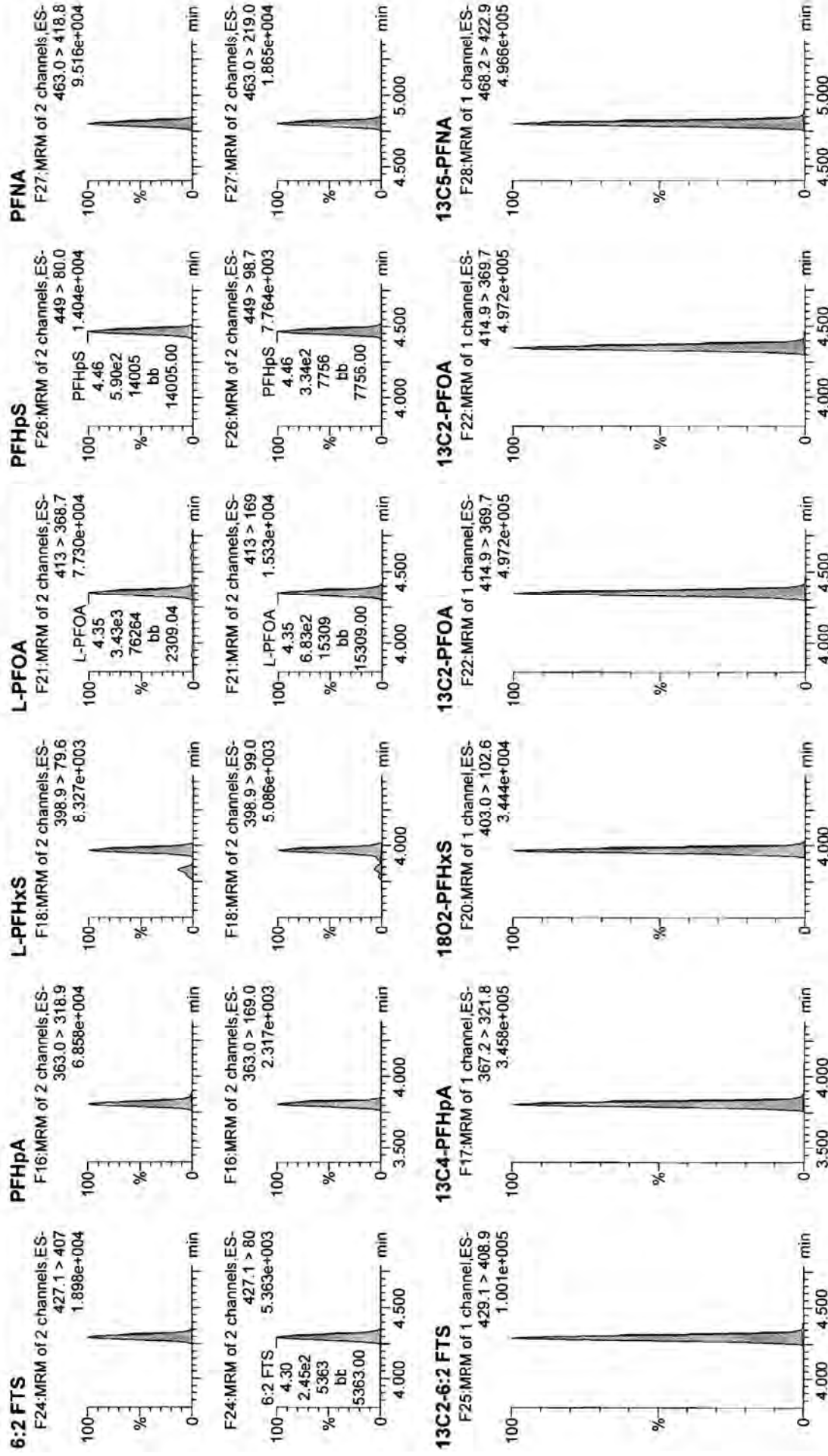
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Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 13:39:00 Pacific Daylight Time
Printed: Saturday, May 26, 2018 13:41:27 Pacific Daylight Time

Name: 180525M1_5, Date: 25-May-2018, Time: 15:27:35, ID: ST180525M1-4 PFC CS1 18E2205, Description: PFC CS1 18E2205

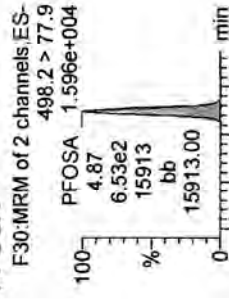


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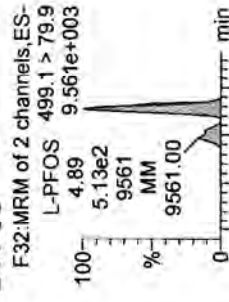
Last Altered: Saturday, May 26, 2018 13:39:00 Pacific Daylight Time
Printed: Saturday, May 26, 2018 13:41:27 Pacific Daylight Time

Name: 180525M1_5, Date: 25-May-2018, Time: 15:27:35, ID: ST180525M1-4 PFC CS1 18E2205, Description: PFC CS1 18E2205

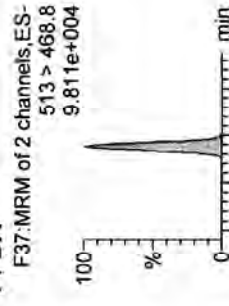
PFOSA



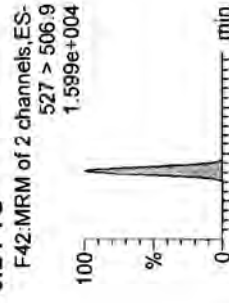
L-PFOS



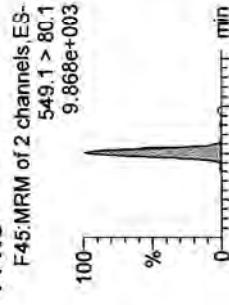
PFDA



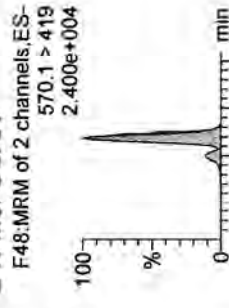
8:2 FTS



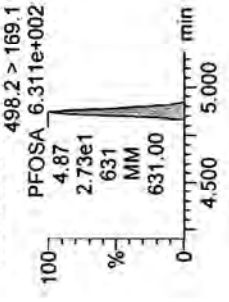
PFNS



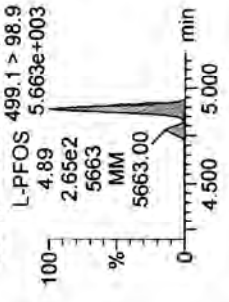
L-N-MeFOSAA



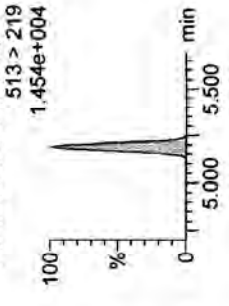
PFOSA



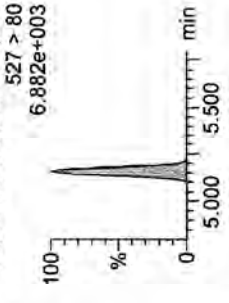
L-PFOS



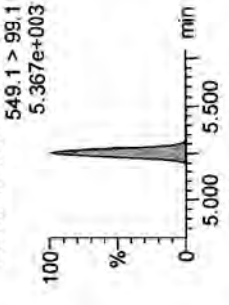
PFDA



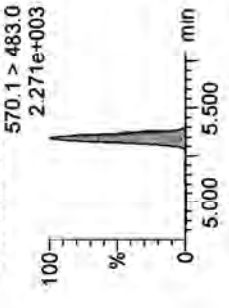
8:2 FTS



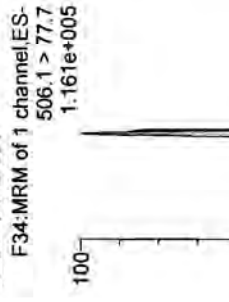
PFNS



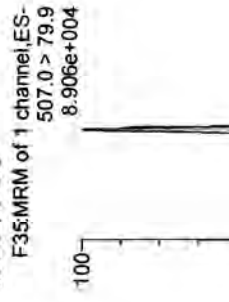
L-N-MeFOSAA



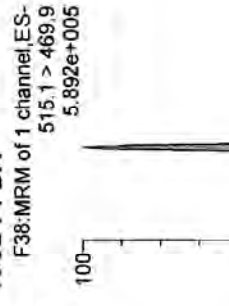
13C8-PFOSA



13C8-PFOS



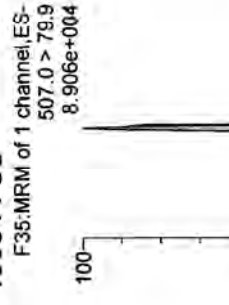
13C2-PFDA



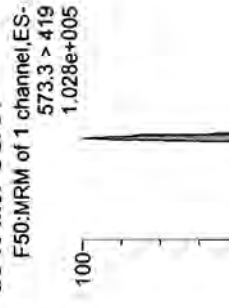
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA

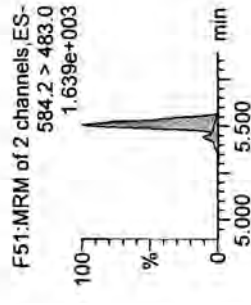
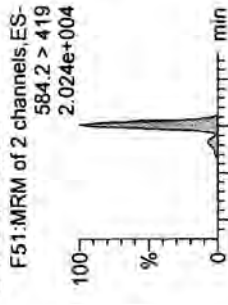


Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

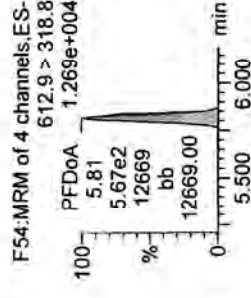
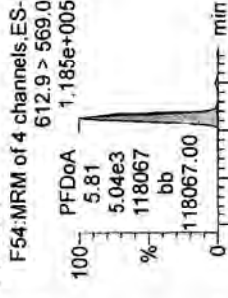
Last Altered: Saturday, May 26, 2018 13:39:00 Pacific Daylight Time
Printed: Saturday, May 26, 2018 13:41:27 Pacific Daylight Time

Name: 180525M1_5, Date: 25-May-2018, Time: 15:27:35, ID: ST180525M1-4 PFC CS1 18E2205, Description: PFC CS1 18E2205

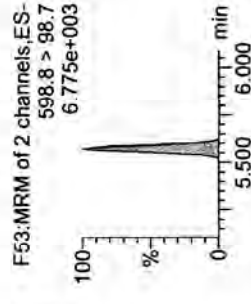
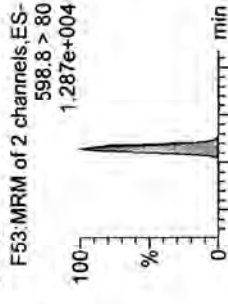
L-N-EtFOSAA



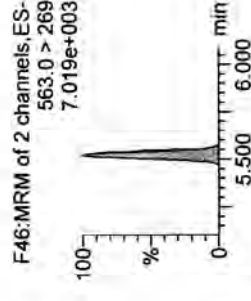
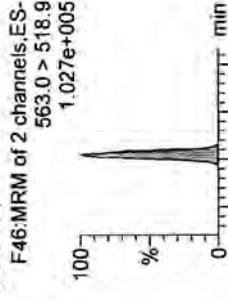
PFDoA



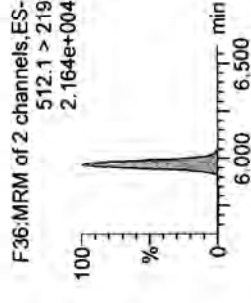
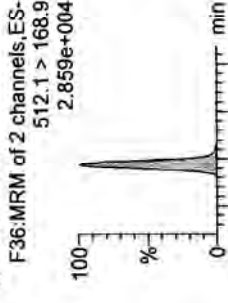
PFDS



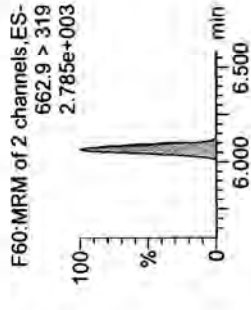
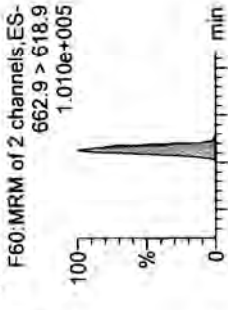
PFUdA



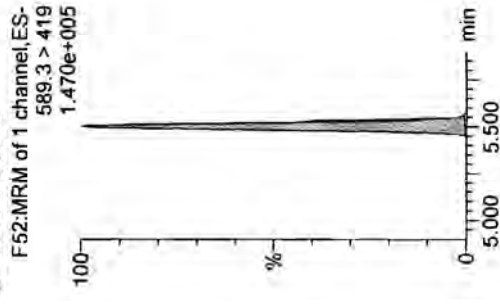
N-MeFOSA



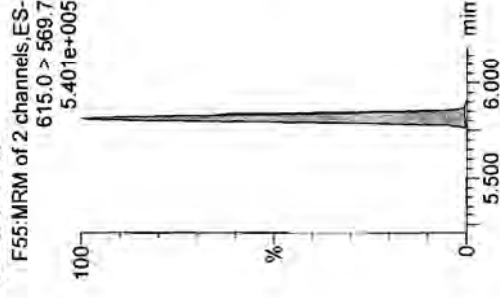
PFTrDA



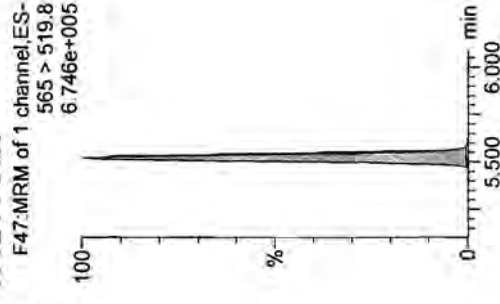
d5-N-EtFOSAA



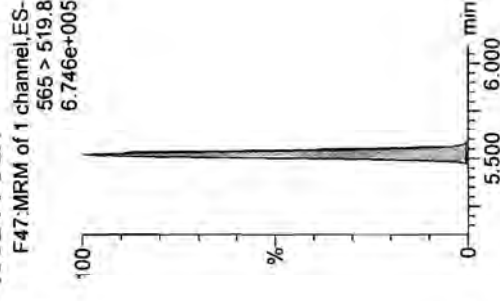
13C2-PFDoA



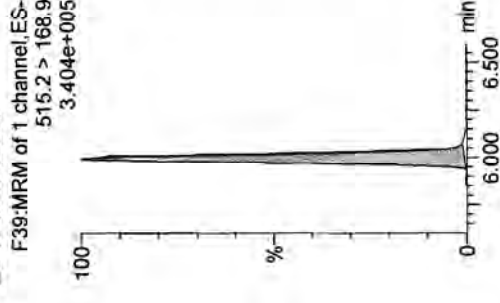
13C2-PFUdA



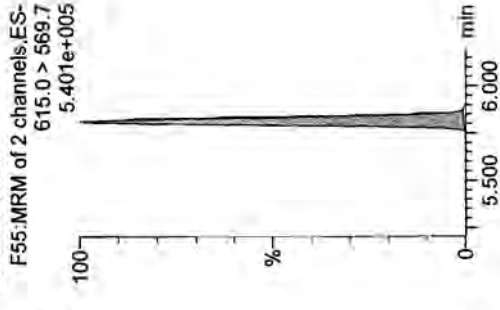
13C2-PFUDa



d3-N-MeFOSA



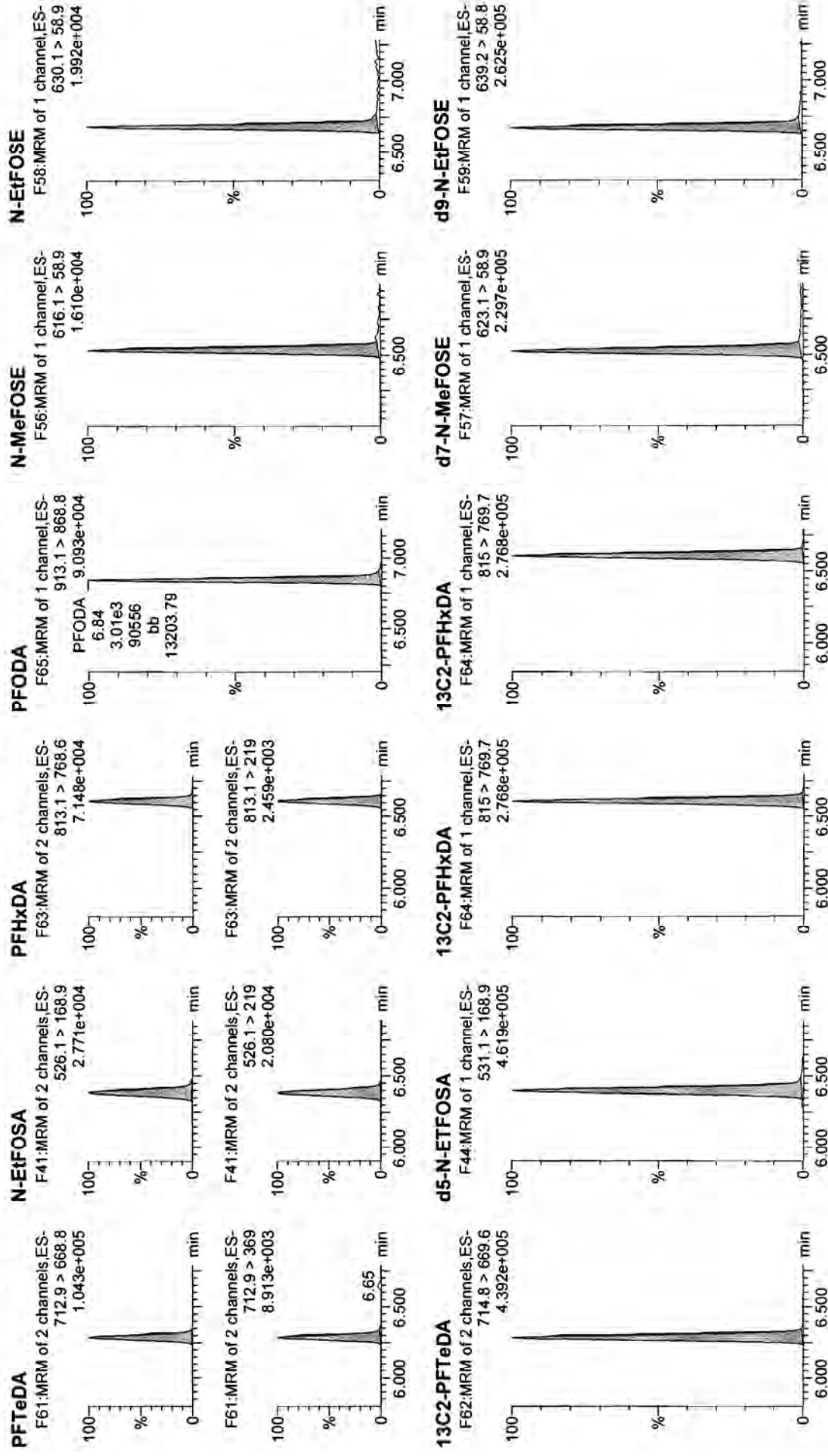
13C2-PFDoA



Dataset: F:\Projects\PFAS.PRO\Results\180525M1\180525M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 13:39:00 Pacific Daylight Time
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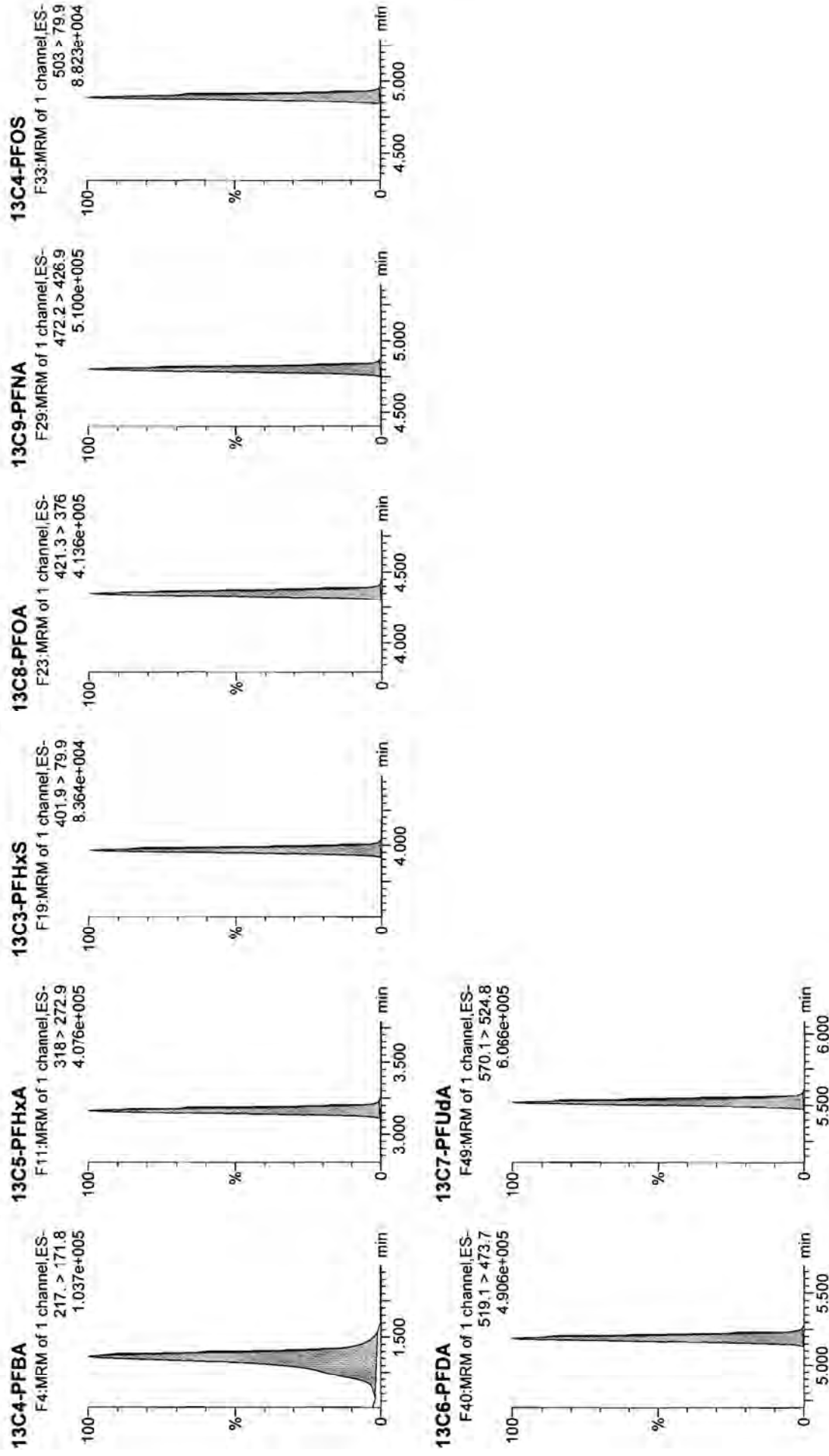
Name: 180525M1_5, Date: 25-May-2018, Time: 15:27:35, ID: ST180525M1-4 PFC CS1 18E2205, Description: PFC CS1 18E2205



Dataset: F:\Projects\PFAS.PRO\Results\180525M1\180525M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 13:39:00 Pacific Daylight Time
Printed: Saturday, May 26, 2018 13:41:27 Pacific Daylight Time

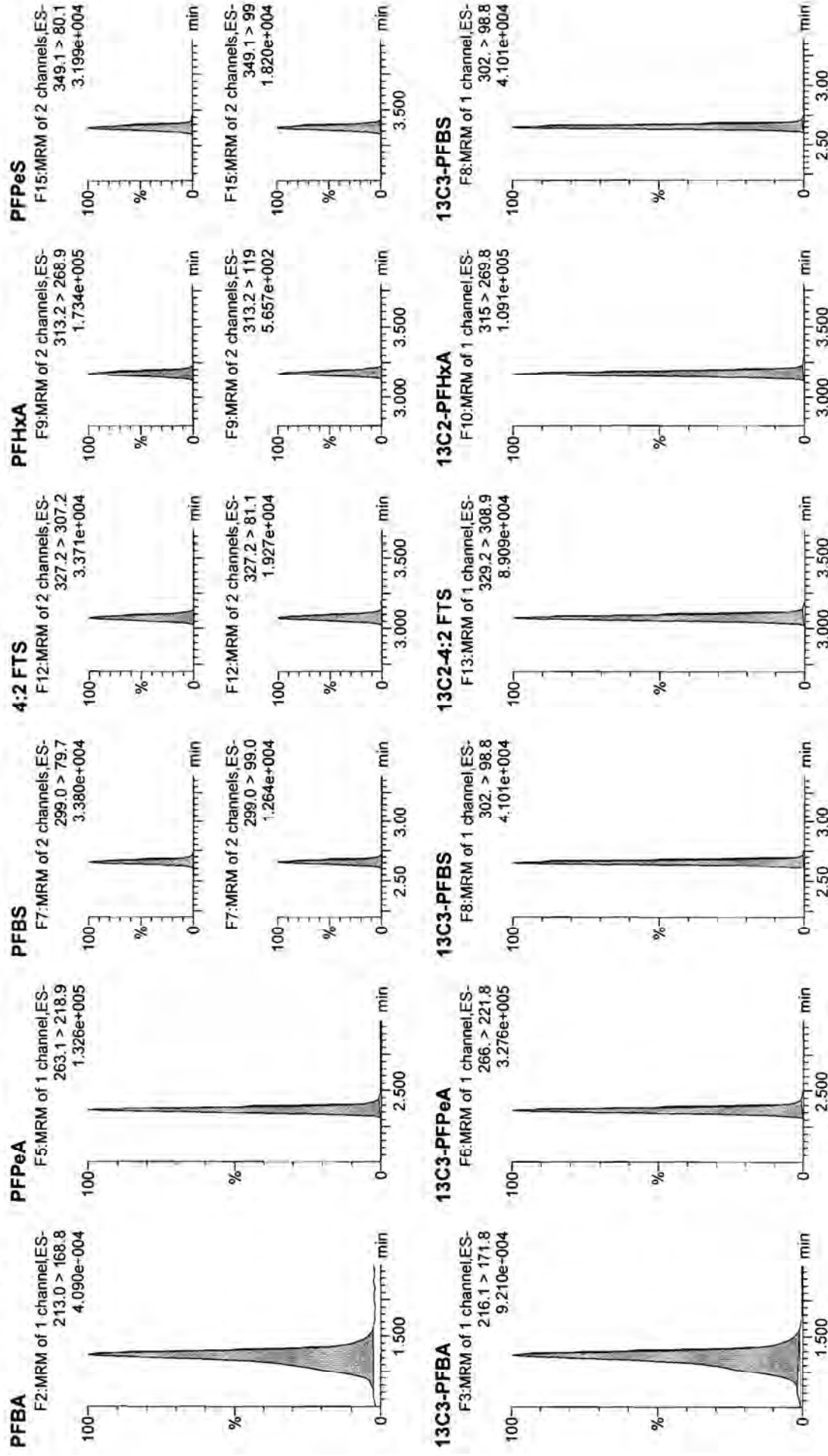
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Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 13:39:00 Pacific Daylight Time
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Name: 180525M1_6, Date: 25-May-2018, Time: 15:38:59, ID: ST180525M1-5 PFC CS2 18E2206, Description: PFC CS2 18E2206

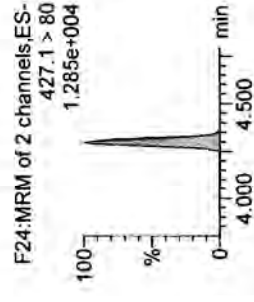
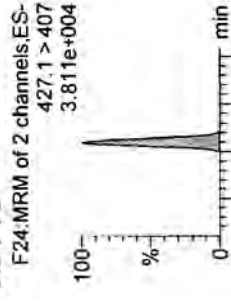


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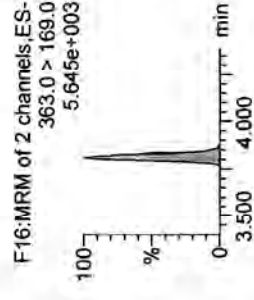
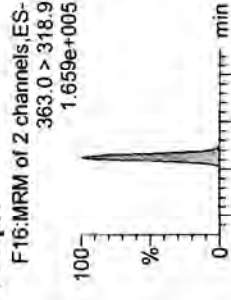
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Printed: Saturday, May 26, 2018 13:41:27 Pacific Daylight Time

Name: 180525M1_6, Date: 25-May-2018, Time: 15:38:59, ID: ST180525M1-5 PFC CS2 18E2206, Description: PFC CS2 18E2206

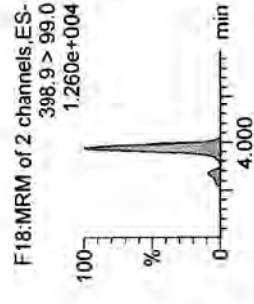
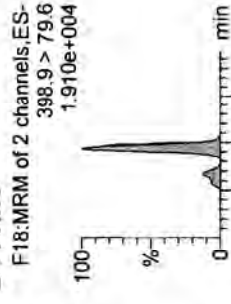
6:2 FTS



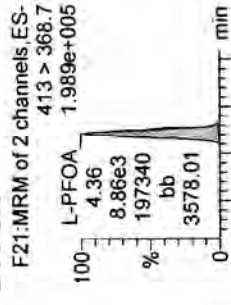
PFHpA



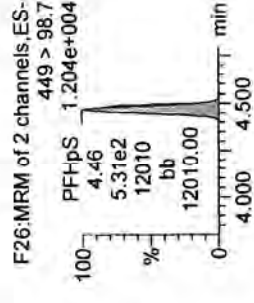
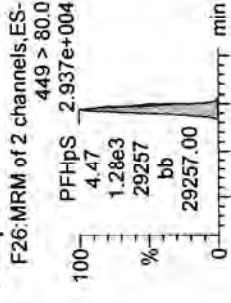
L-PFHxS



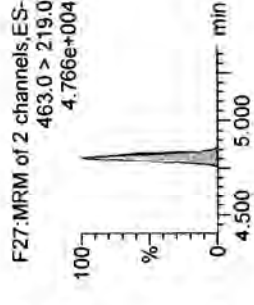
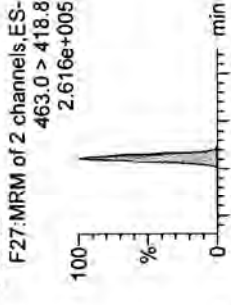
L-PFOA



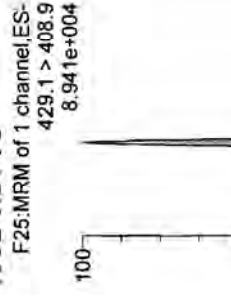
PFHpS



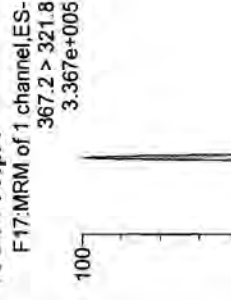
PFNA



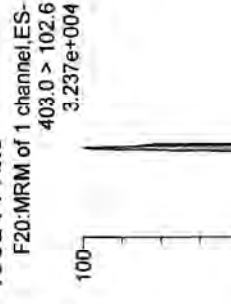
13C2-6:2 FTS



13C4-PFHpA



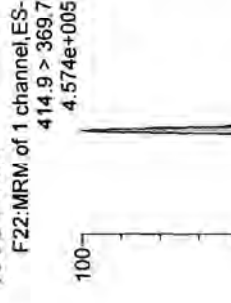
18O2-PFHxS



13C2-PFOA



13C2-PFOA



13C5-PFNA



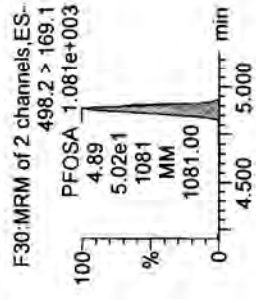
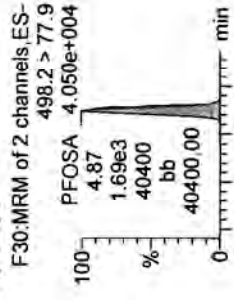
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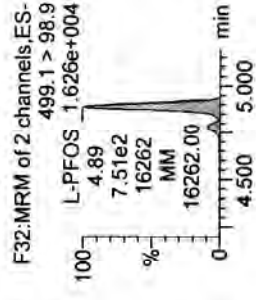
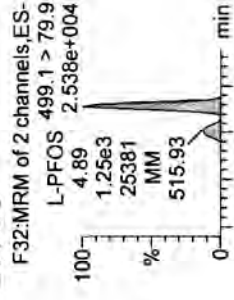
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Name: 180525M1_6, Date: 25-May-2018, Time: 15:38:59, ID: ST180525M1-5 PFC CS2 18E2206, Description: PFC CS2 18E2206

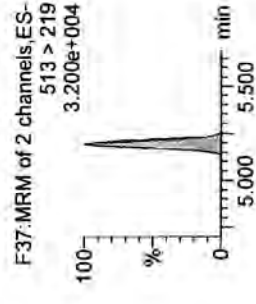
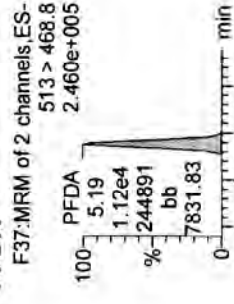
PFOSA



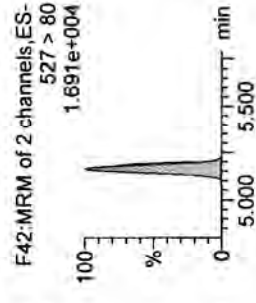
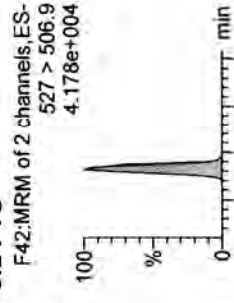
L-PFOS



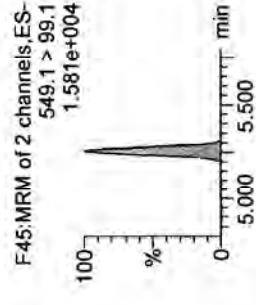
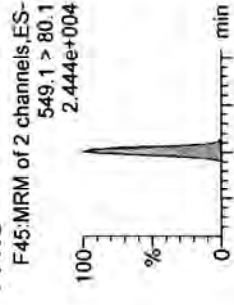
PFDA



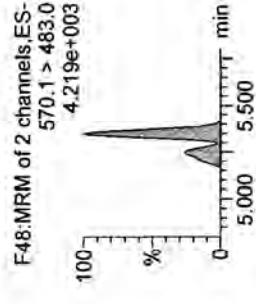
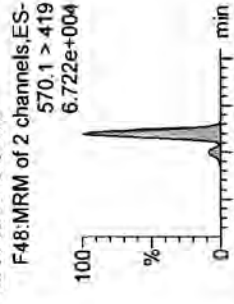
8:2 FTS



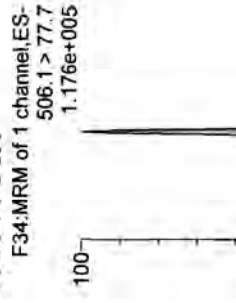
PFNS



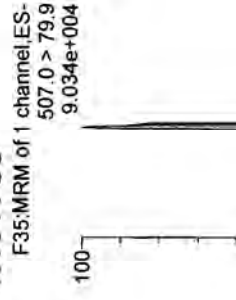
L-N-MeFOSAA



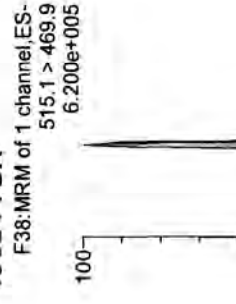
13C8-PFOSA



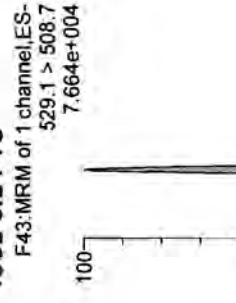
13C8-PFOS



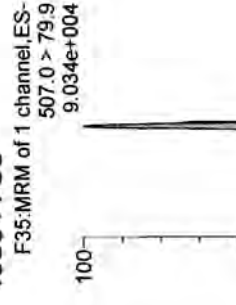
13C2-PFDA



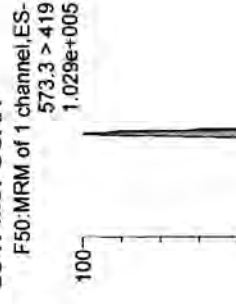
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA

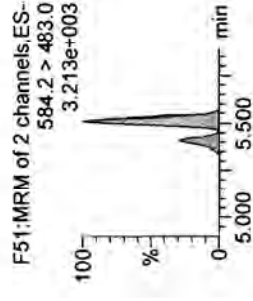
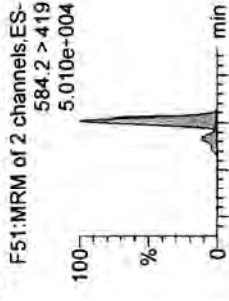


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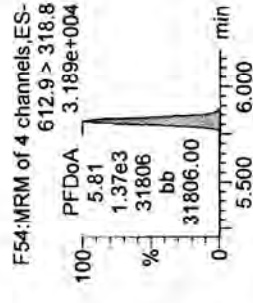
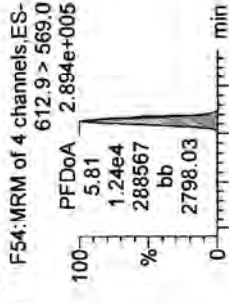
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Name: 180525M1_6, Date: 25-May-2018, Time: 15:38:59, ID: ST180525M1-5 PFC CS2 18E2206, Description: PFC CS2 18E2206

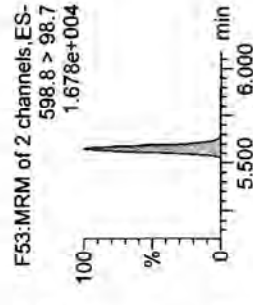
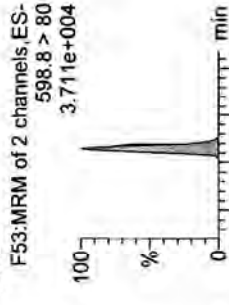
L-N-EtFOSAA



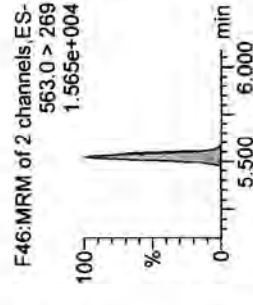
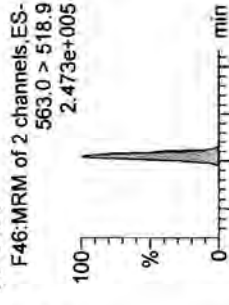
PFDoA



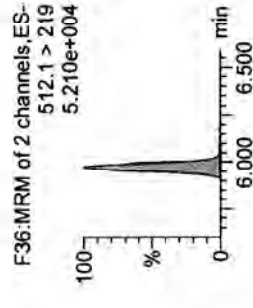
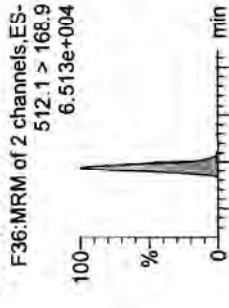
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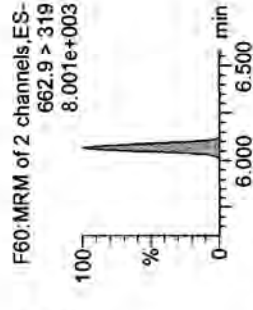
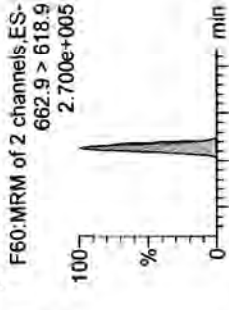
PFUdA



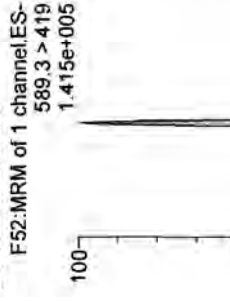
N-MeFOSA



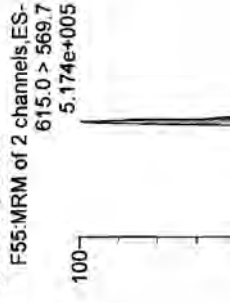
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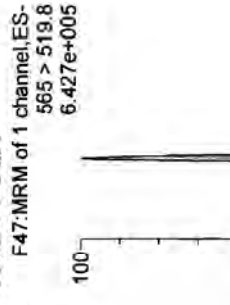
d5-N-EtFOSAA



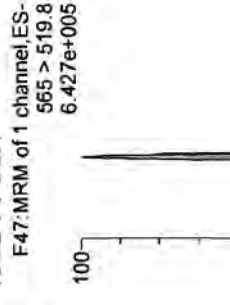
13C2-PFDoA



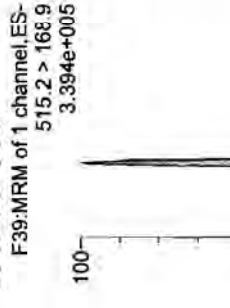
13C2-PFUdA



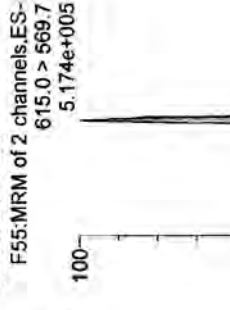
13C2-PFUDa



d3-N-MeFOSA



13C2-PFDoA



Dataset: F:\Projects\PFAS.PRO\Results\180525M1\180525M1-CRV_B.qld

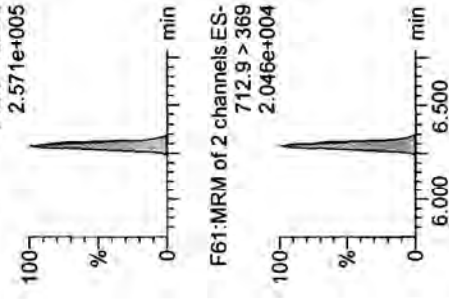
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Printed: Saturday, May 26, 2018 13:41:27 Pacific Daylight Time

Name: 180525M1_6, Date: 25-May-2018, Time: 15:38:59, ID: ST180525M1-5 PFC CS2 18E2206, Description: PFC CS2 18E2206

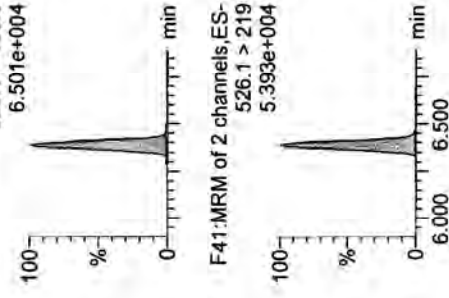
PFTeDA

F61:MRM of 2 channels,ES-
712.9 > 668.8
2.571e+005



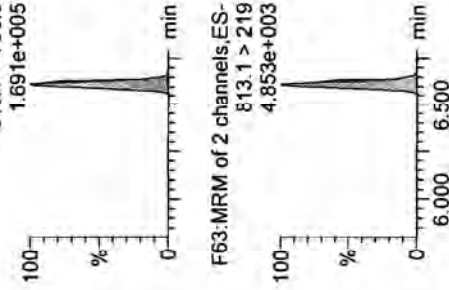
N-EtFOSA

F41:MRM of 2 channels,ES-
526.1 > 168.9
6.501e+004



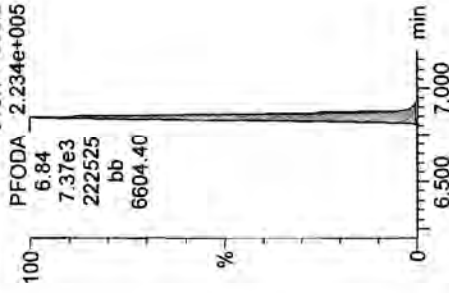
PFHxDa

F63:MRM of 2 channels,ES-
813.1 > 768.6
1.691e+005



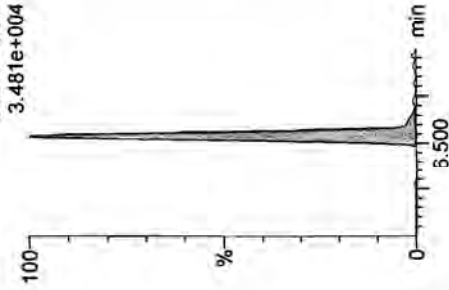
PFODA

F65:MRM of 1 channel,ES-
913.1 > 868.8
2.234e+005



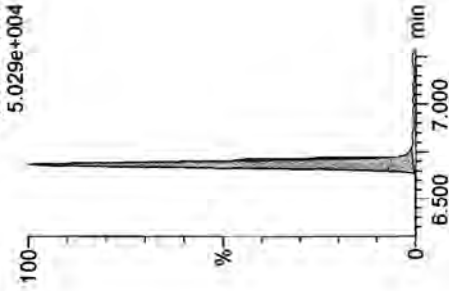
N-MeFOSE

F56:MRM of 1 channel,ES-
616.1 > 58.9
3.481e+004



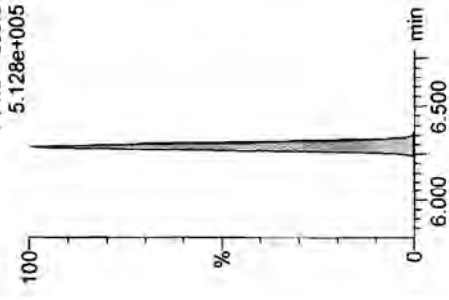
N-EtFOSE

F58:MRM of 1 channel,ES-
630.1 > 58.9
5.029e+004



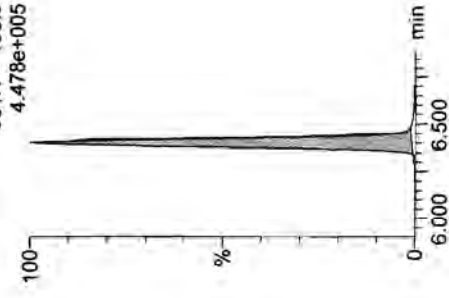
13C2-PFTeDA

F62:MRM of 2 channels,ES-
714.8 > 669.6
5.128e+005



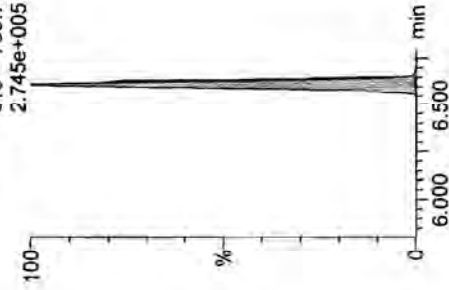
d5-N-EtFOSA

F44:MRM of 1 channel,ES-
531.1 > 168.9
4.478e+005



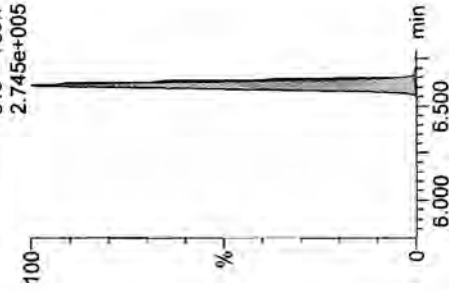
13C2-PFHxDa

F64:MRM of 1 channel,ES-
815 > 769.7
2.745e+005



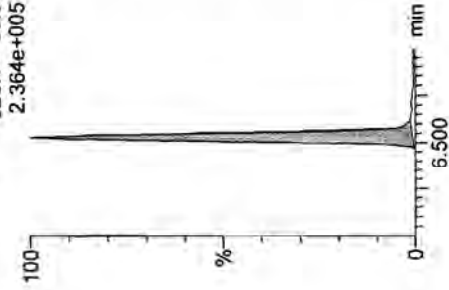
13C2-PFHxDa

F64:MRM of 1 channel,ES-
815 > 769.7
2.745e+005



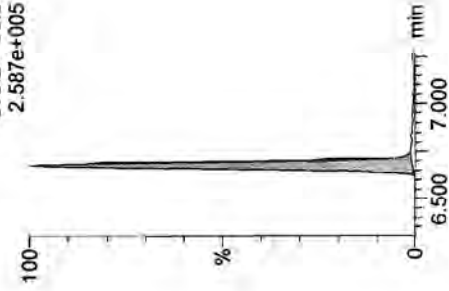
d7-N-MeFOSE

F57:MRM of 1 channel,ES-
623.1 > 58.9
2.364e+005



d9-N-EtFOSE

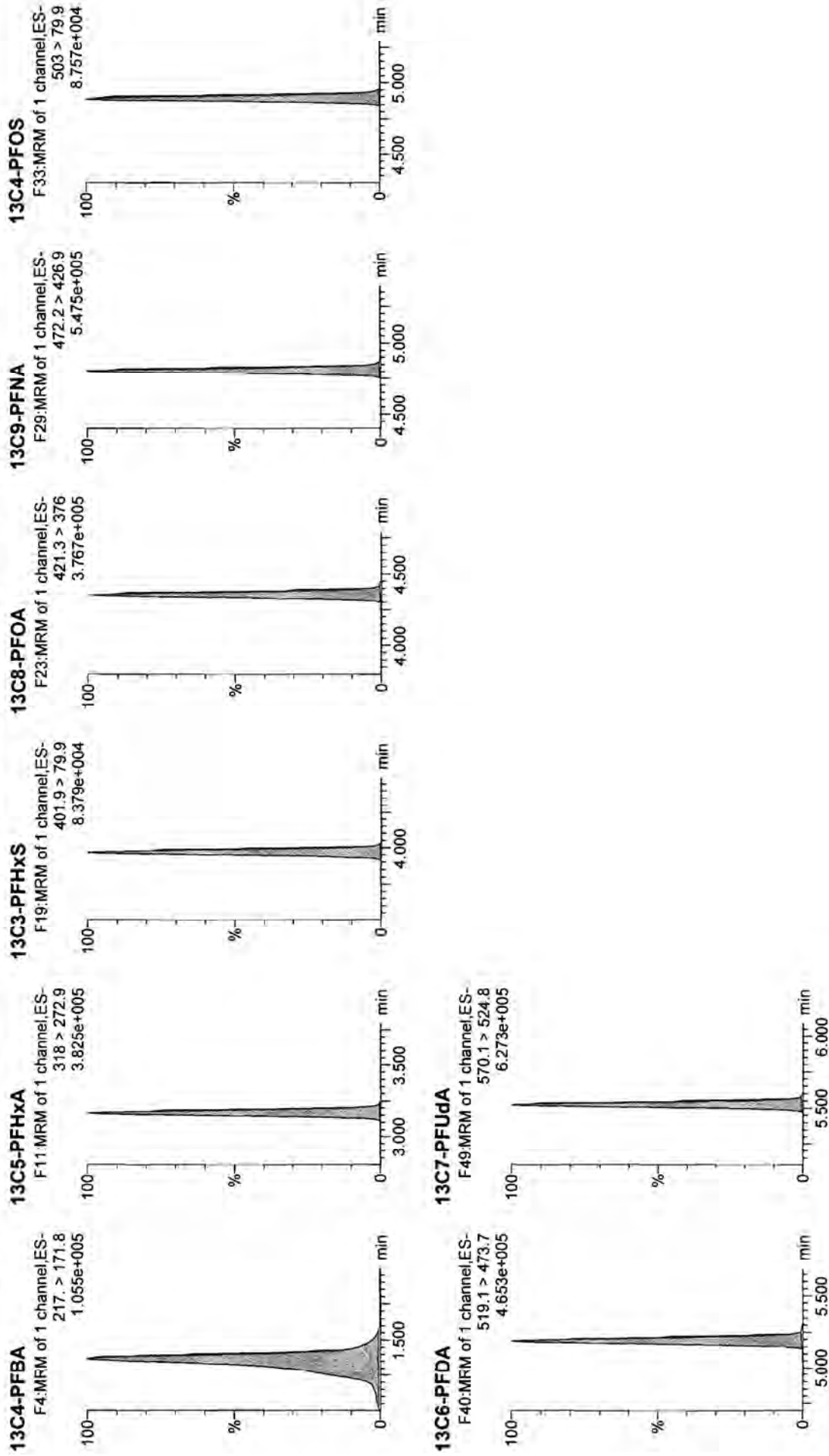
F59:MRM of 1 channel,ES-
639.2 > 58.8
2.587e+005



Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

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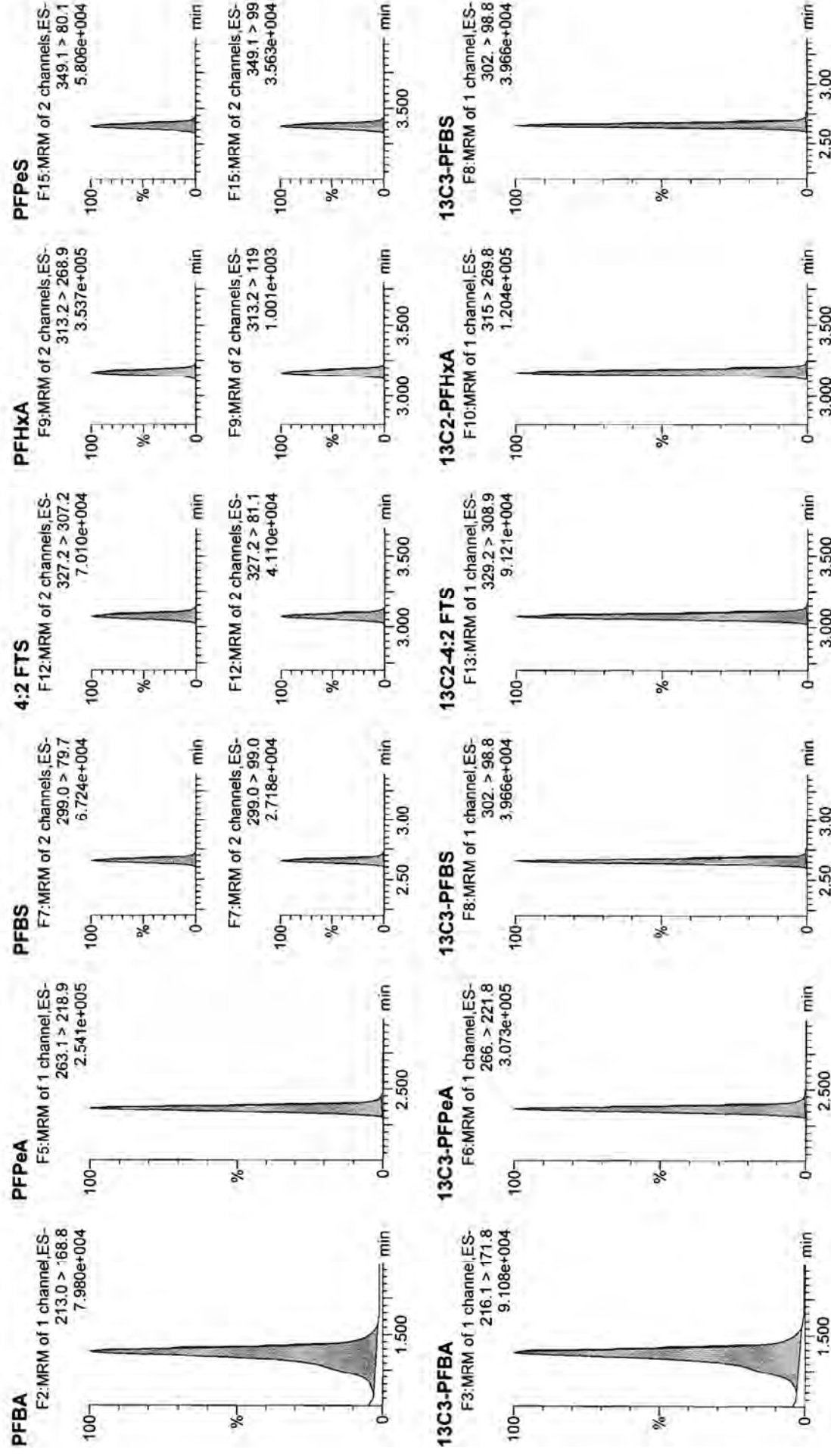
Name: 180525M1_6, Date: 25-May-2018, Time: 15:38:59, ID: ST180525M1-5 PFC CS2 18E2206, Description: PFC CS2 18E2206



Dataset: F:\Projects\PFAS.PRO\Results\180525M1\180525M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 13:39:00 Pacific Daylight Time
Printed: Saturday, May 26, 2018 13:41:27 Pacific Daylight Time

Name: 180525M1_7, Date: 25-May-2018, Time: 15:50:23, ID: ST180525M1-6 PFC CS3 18E2207, Description: PFC CS3 18E2207



Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 13:39:00 Pacific Daylight Time

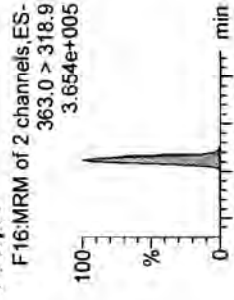
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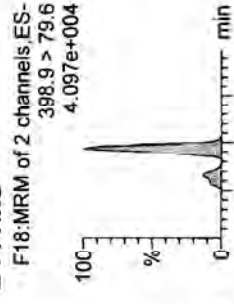
6:2 FTS



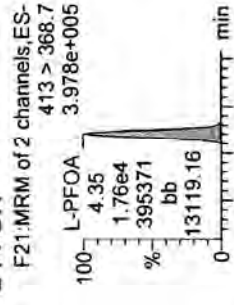
PFHpA



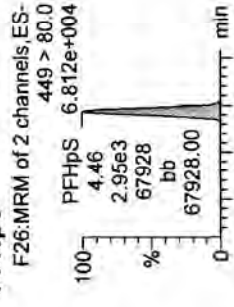
L-PFHxS



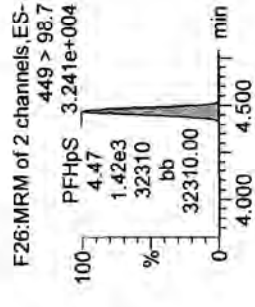
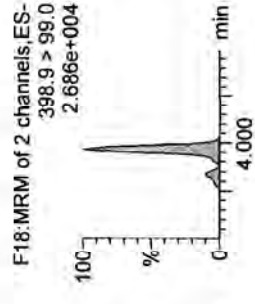
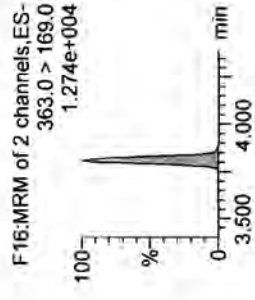
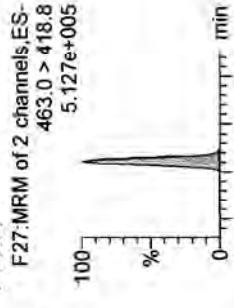
L-PFOA



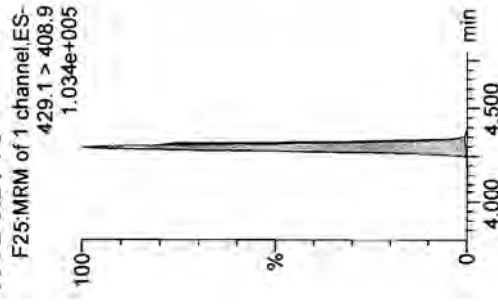
PFHpS



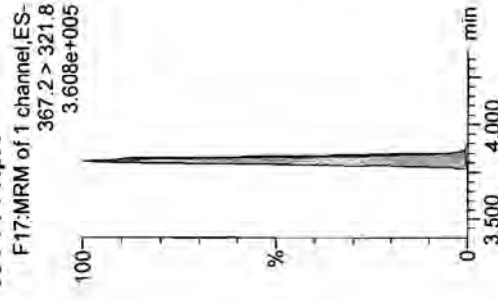
PFNA



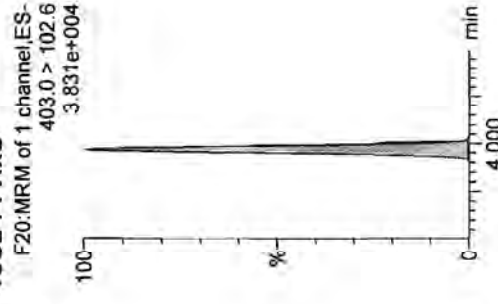
13C2-6:2 FTS



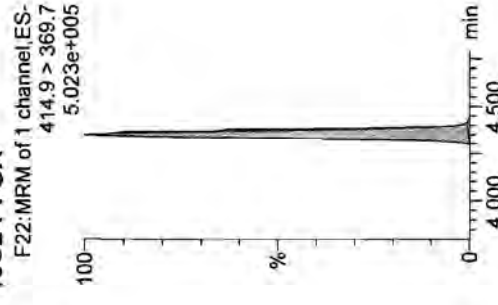
13C4-PFHpA



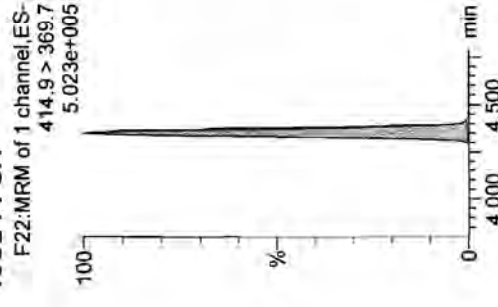
1802-PFHxS



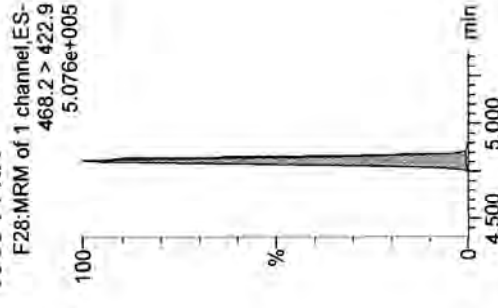
13C2-PFOA



13C2-PFOA



13C5-PFNA

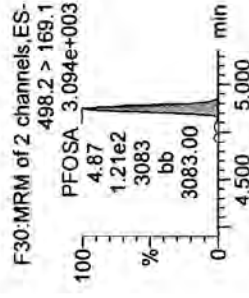
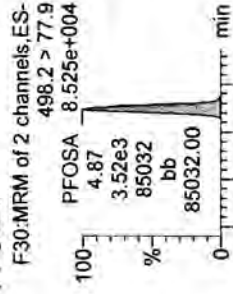


Dataset: F:\Projects\PFAS.PRO\Results\180525M1\180525M1-CRV_B.qld

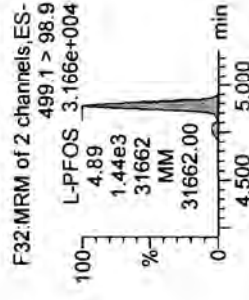
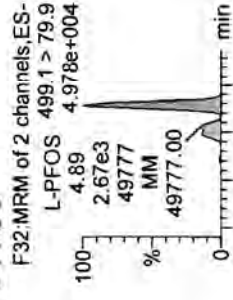
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Printed: Saturday, May 26, 2018 13:41:27 Pacific Daylight Time

Name: 180525M1_7, Date: 25-May-2018, Time: 15:50:23, ID: ST180525M1-6 PFC CS3 18E2207, Description: PFC CS3 18E2207

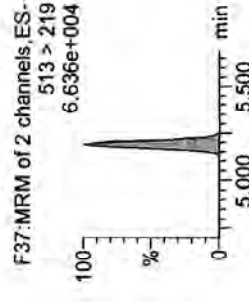
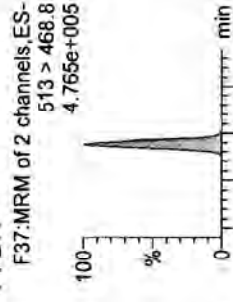
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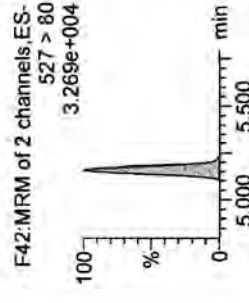
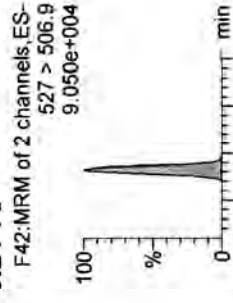
L-PFOS



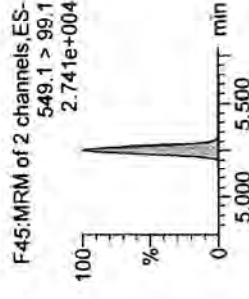
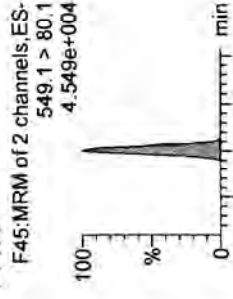
PFDA



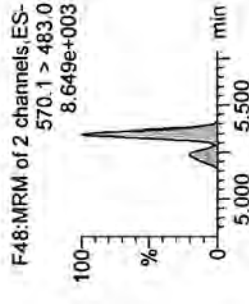
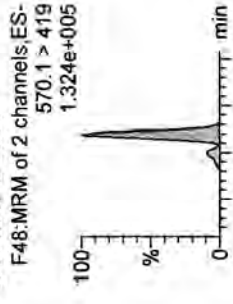
8:2 FTS



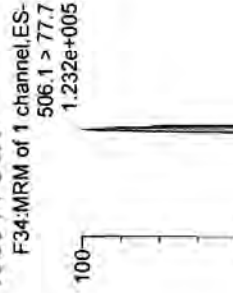
PFNS



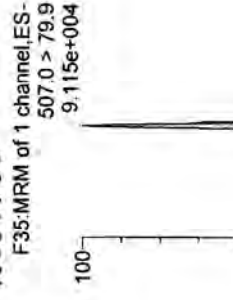
L-N-MeFOSAA



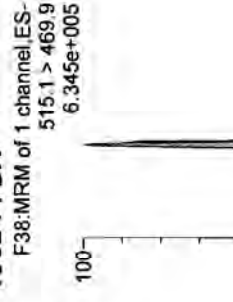
13C8-PFOSA



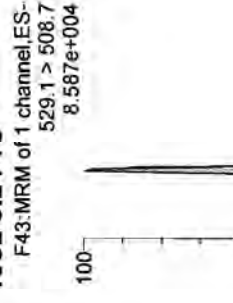
13C8-PFOS



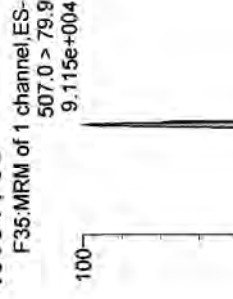
13C2-PFDA



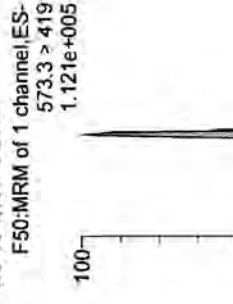
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13C8-PFOS



d3-N-MeFOSAA

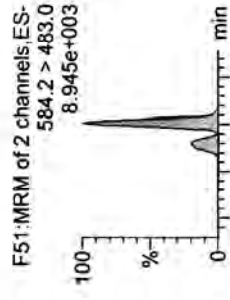
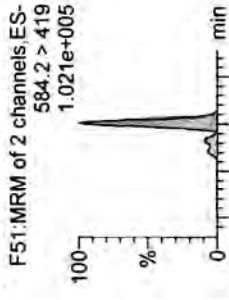


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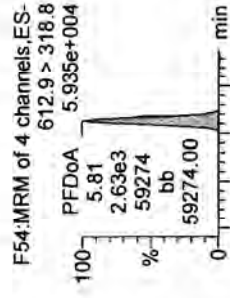
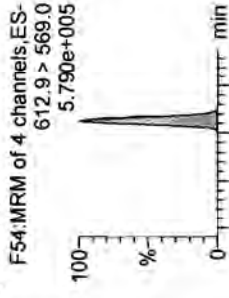
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Printed: Saturday, May 26, 2018 13:41:27 Pacific Daylight Time

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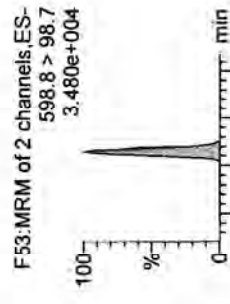
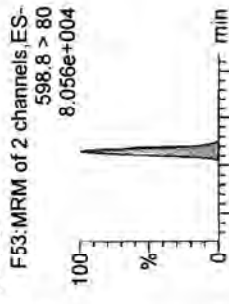
L-N-EtFOSAA



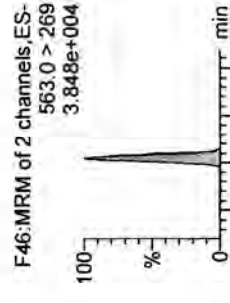
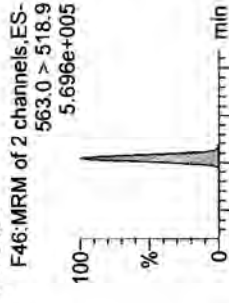
PFDaA



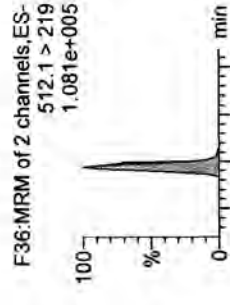
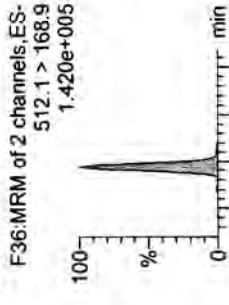
PFDS



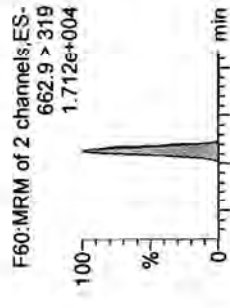
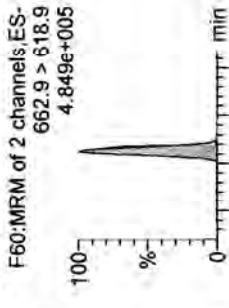
PFUdA



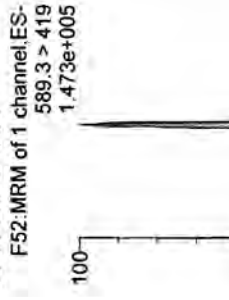
N-MeFOSA



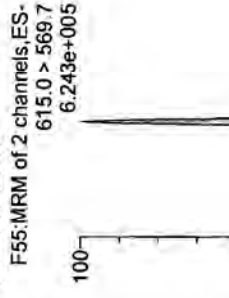
PFTrDA



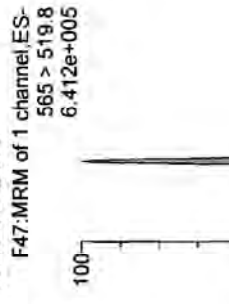
d5-N-EtFOSAA



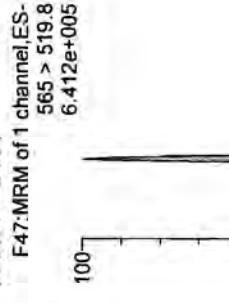
13C2-PFDaA



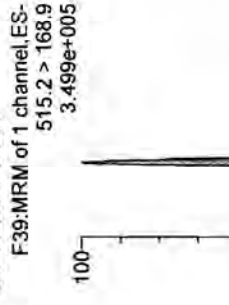
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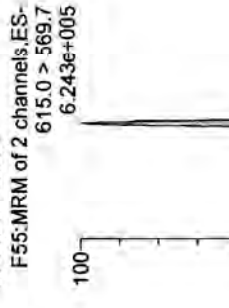
13C2-PFUDa



d3-N-MeFOSA



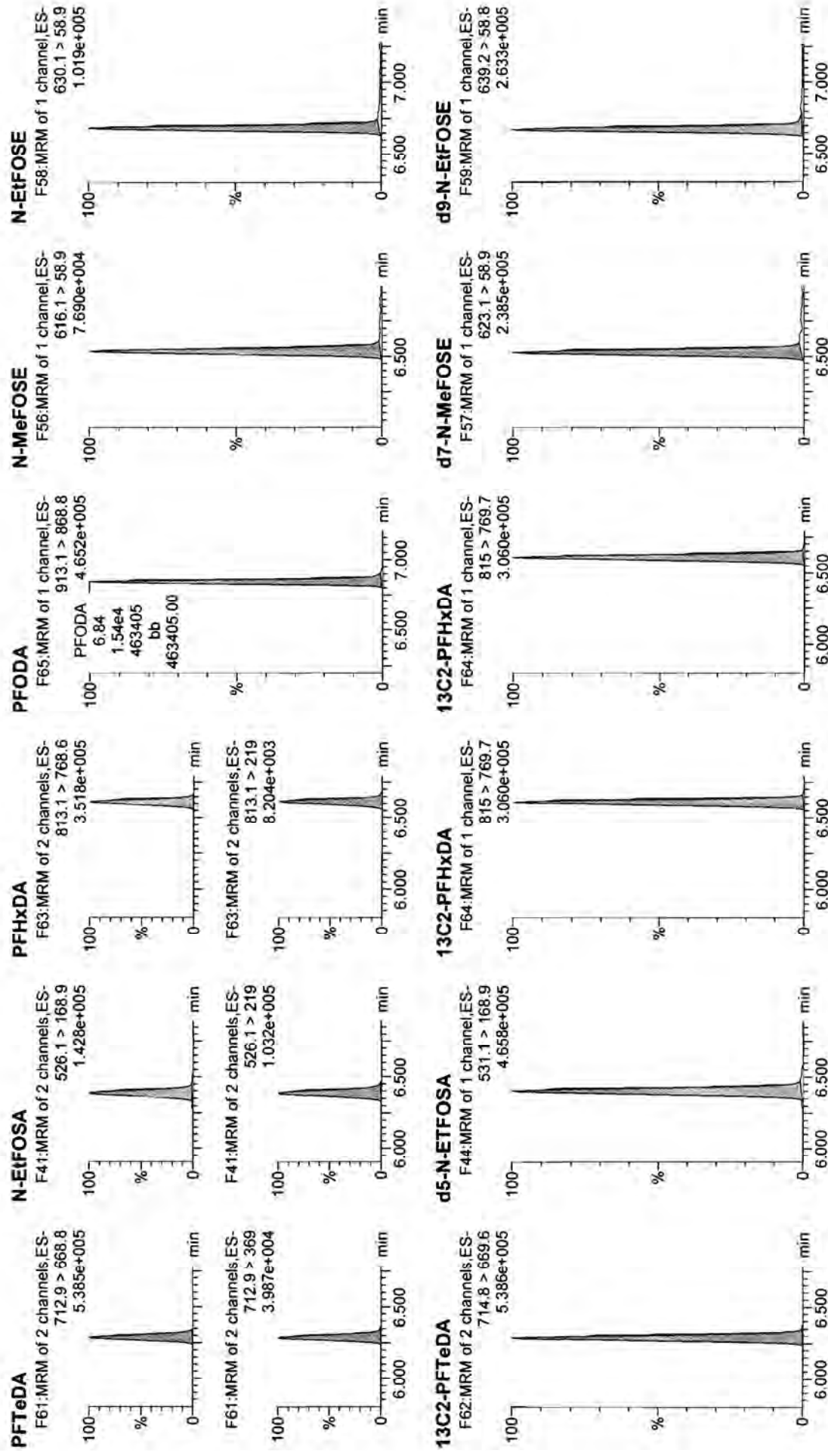
13C2-PFDaA



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Printed: Saturday, May 26, 2018 13:41:27 Pacific Daylight Time

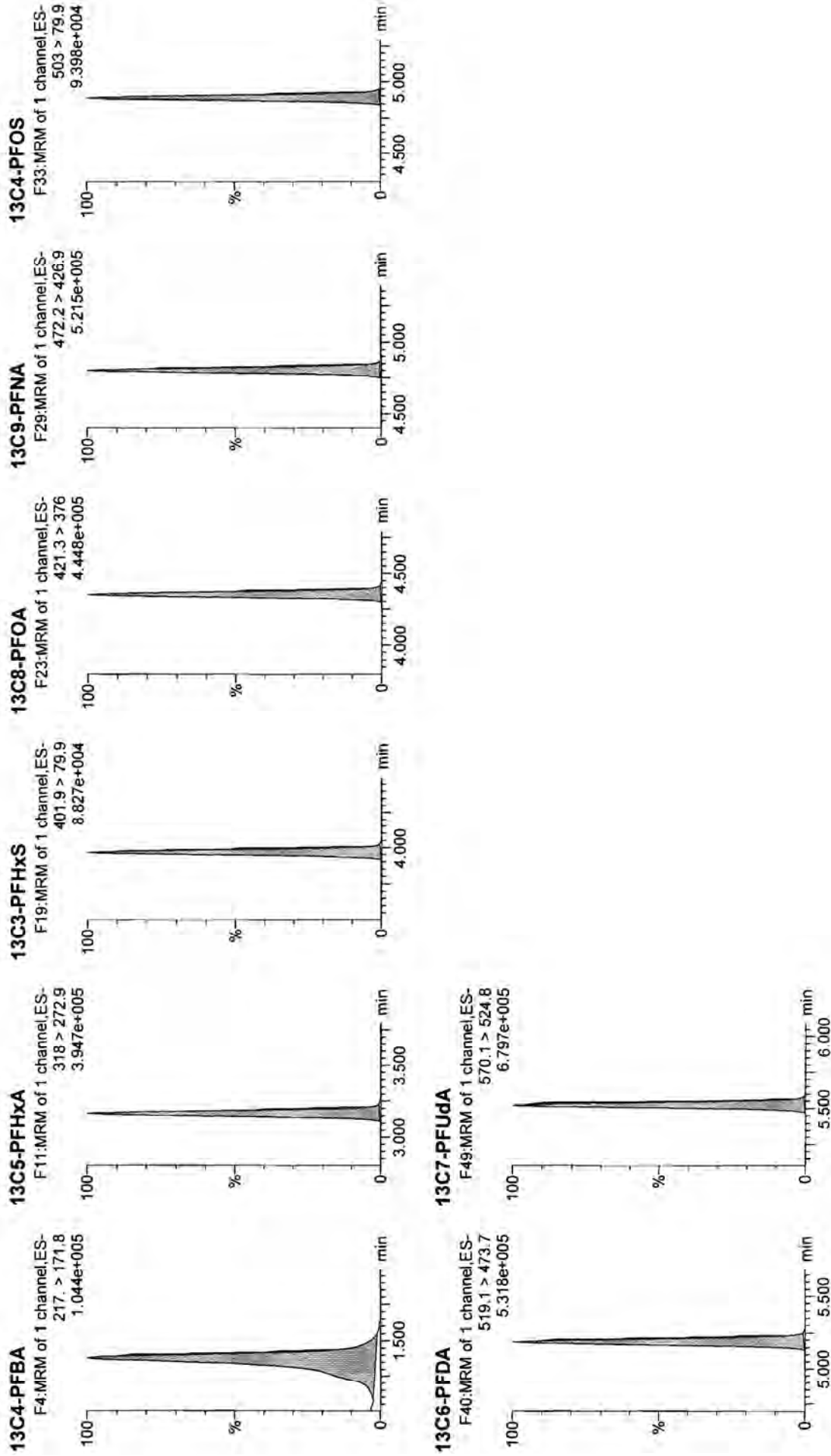
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Printed: Saturday, May 26, 2018 13:41:27 Pacific Daylight Time

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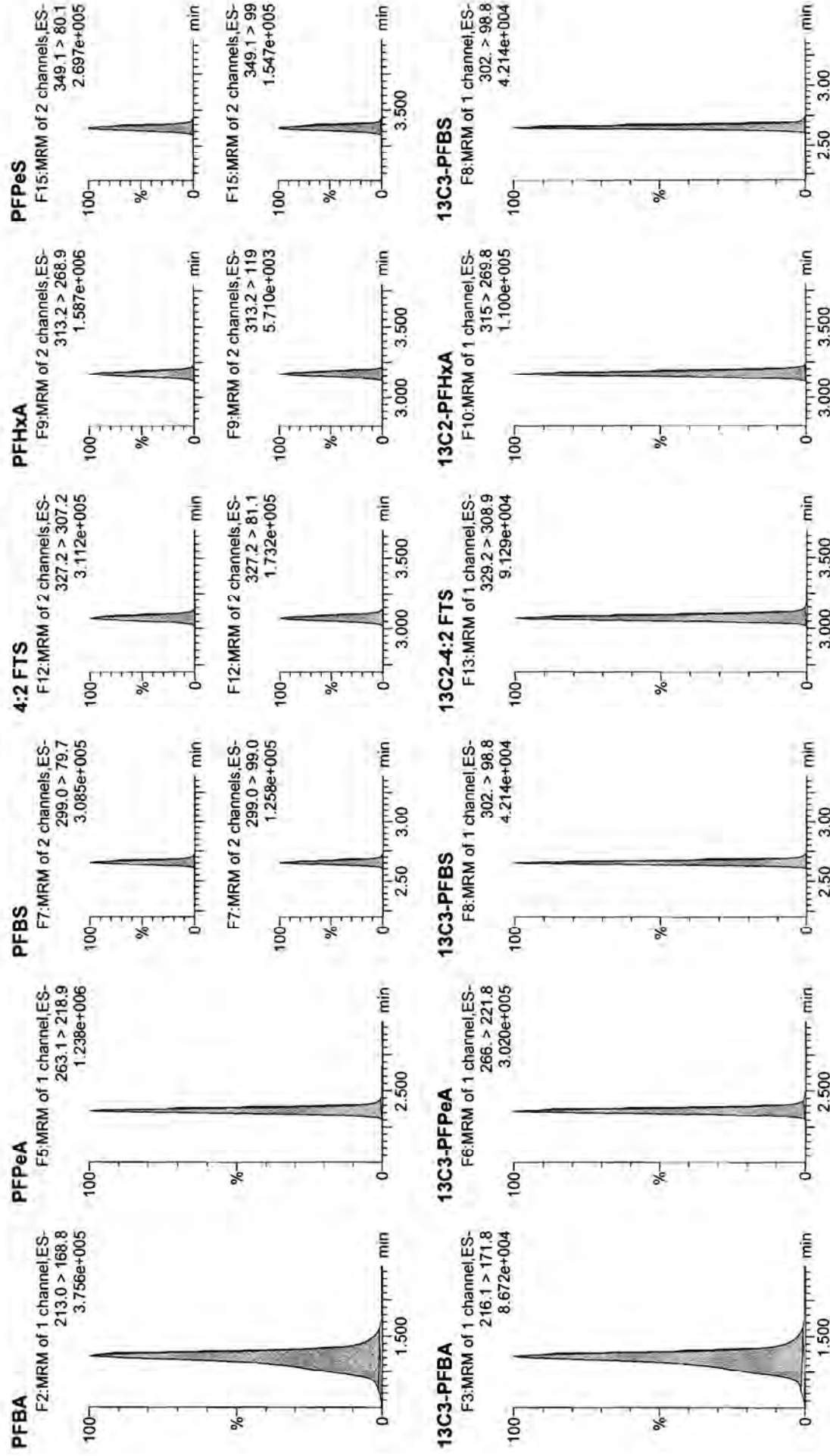


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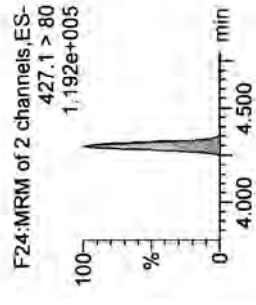
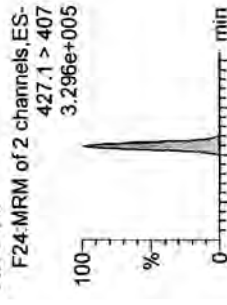


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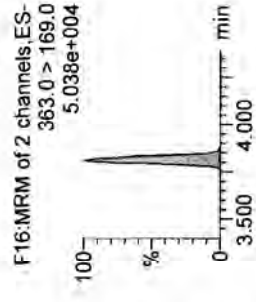
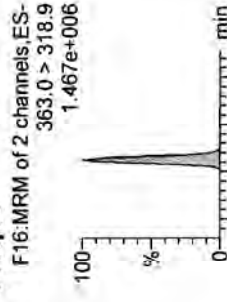
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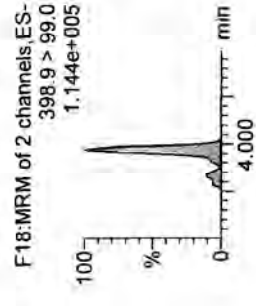
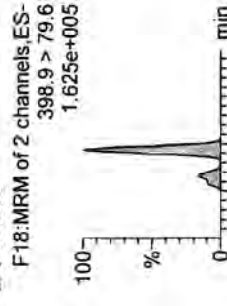
6:2 FTS



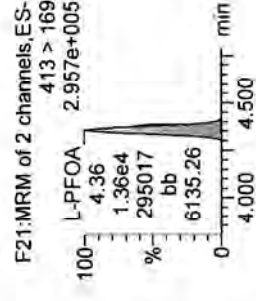
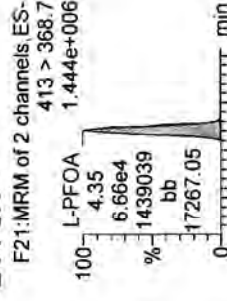
PFHpA



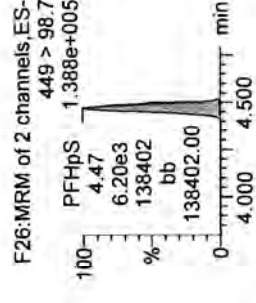
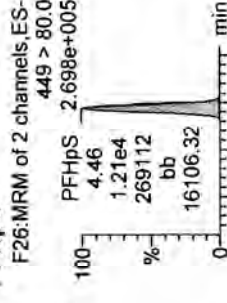
L-PFHxS



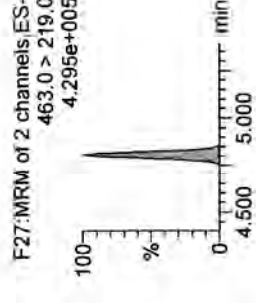
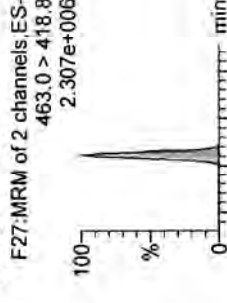
L-PFOA



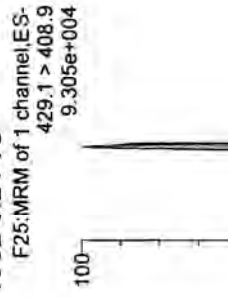
PFHpS



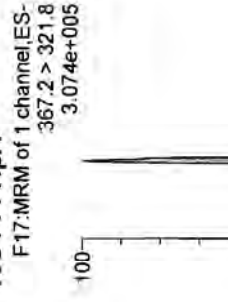
PFNA



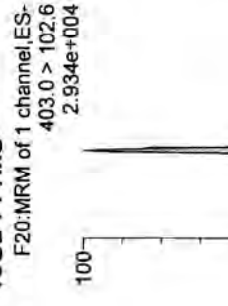
13C2-6:2 FTS



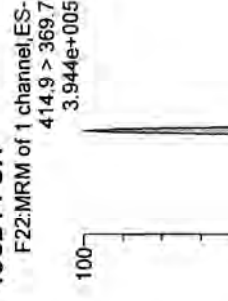
13C4-PFHpA



18O2-PFHxS



13C2-PFOA



13C2-PFOA



13C5-PFNA



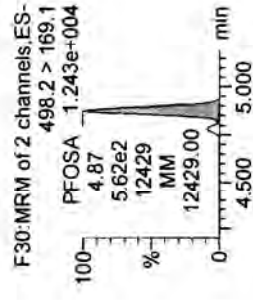
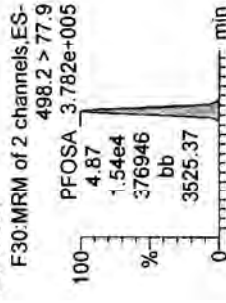
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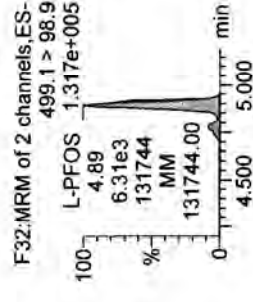
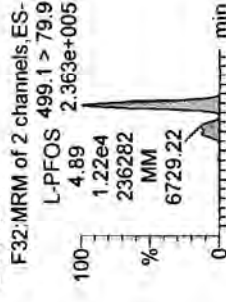
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Name: 180525M1_8, Date: 25-May-2018, Time: 16:01:46, ID: ST180525M1-7 PFC CS4 18E2208, Description: PFC CS4 18E2208

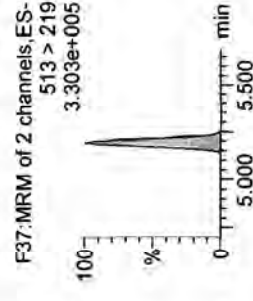
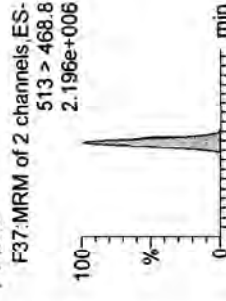
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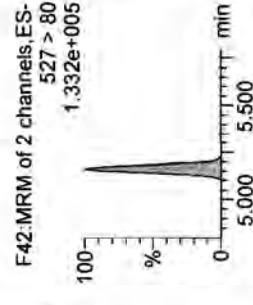
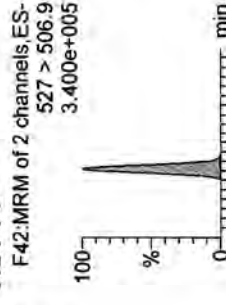
L-PFOS



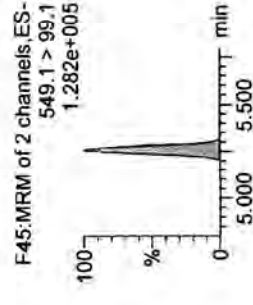
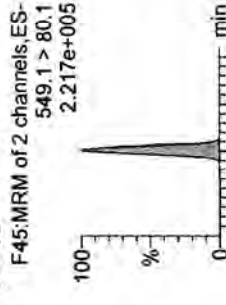
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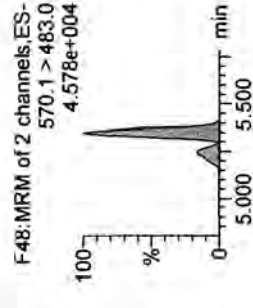
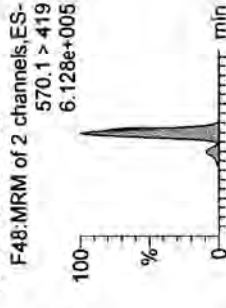
8:2 FTS



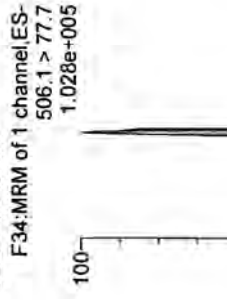
PFNS



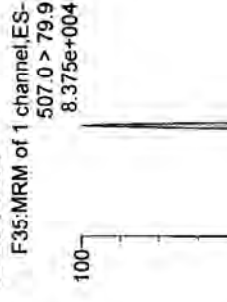
L-N-MeFOSAA



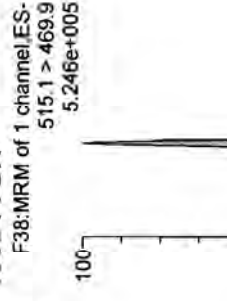
13C8-PFOSA



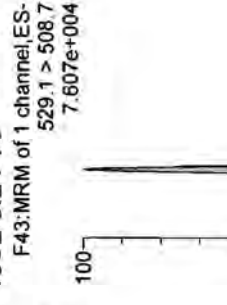
13C8-PFOS



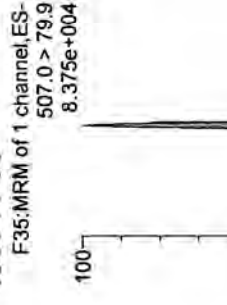
13C2-PFDA



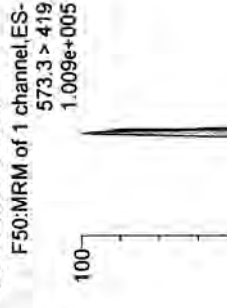
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA



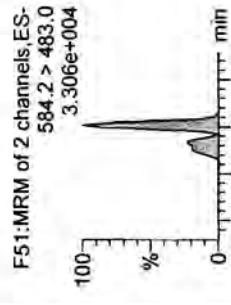
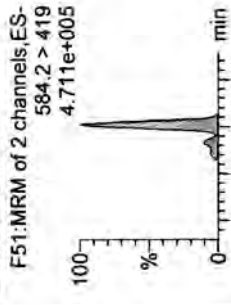
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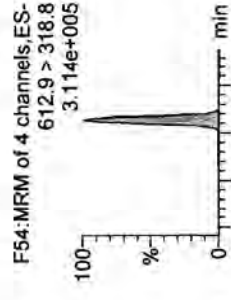
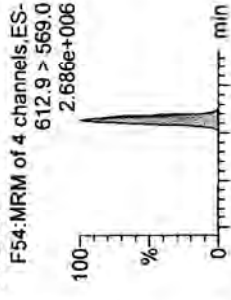
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Name: 180525M1_8, Date: 25-May-2018, Time: 16:01:46, ID: ST180525M1-7 PFC CS4 18E2208, Description: PFC CS4 18E2208

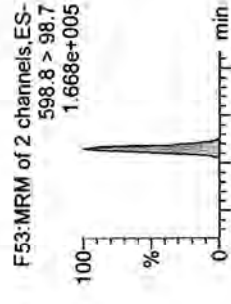
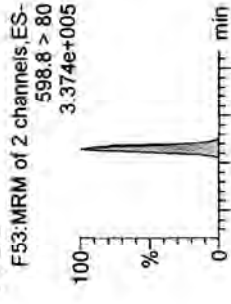
L-N-EtFOSAA



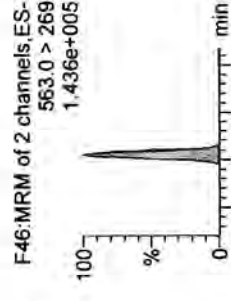
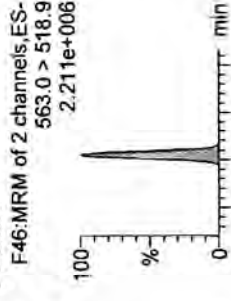
PFDoA



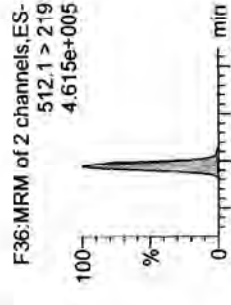
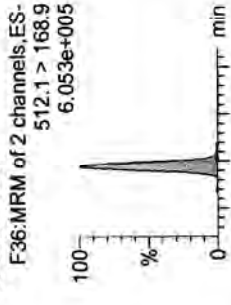
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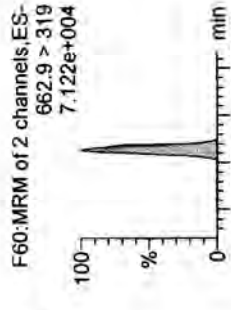
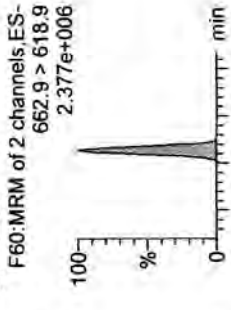
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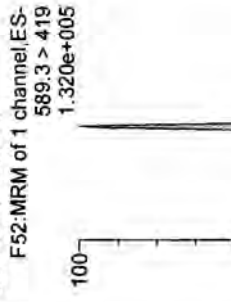
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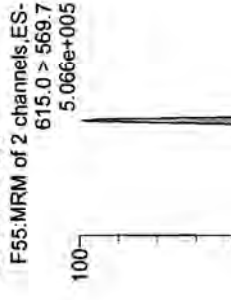
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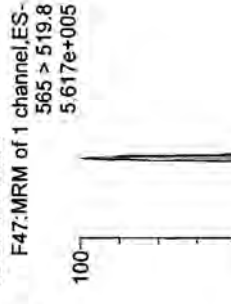
d5-N-EtFOSAA



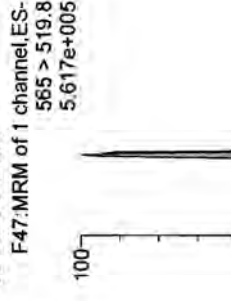
13C2-PFDoA



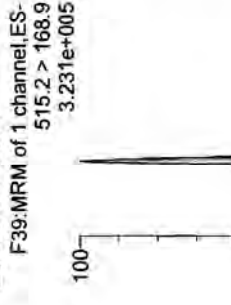
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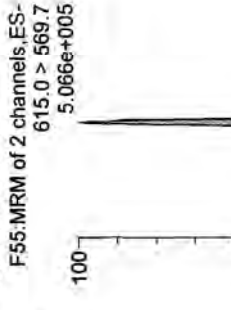
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13C2-PFDoA

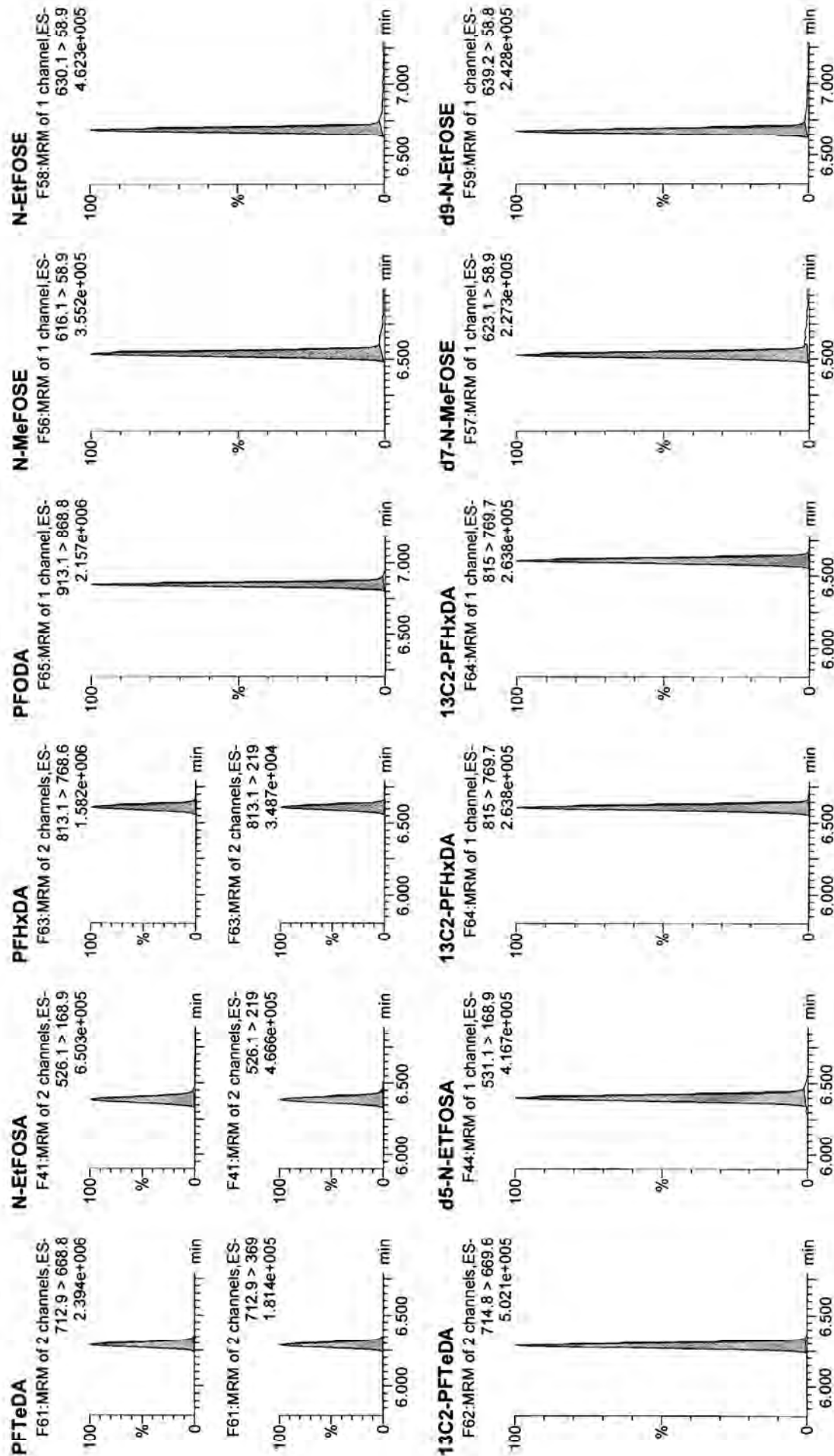


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Last Altered: Saturday, May 26, 2018 13:39:00 Pacific Daylight Time

Printed: Saturday, May 26, 2018 13:41:27 Pacific Daylight Time

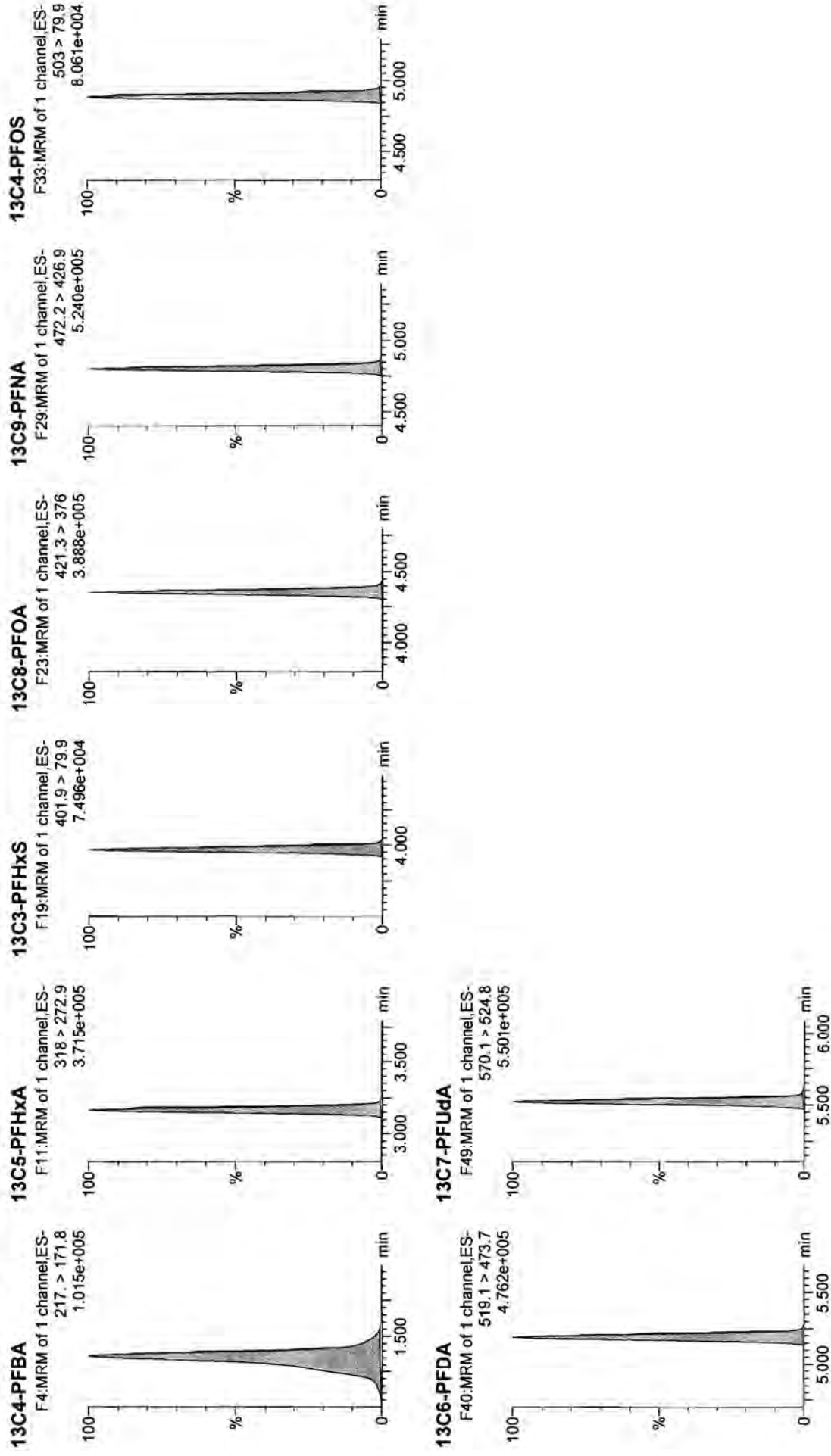
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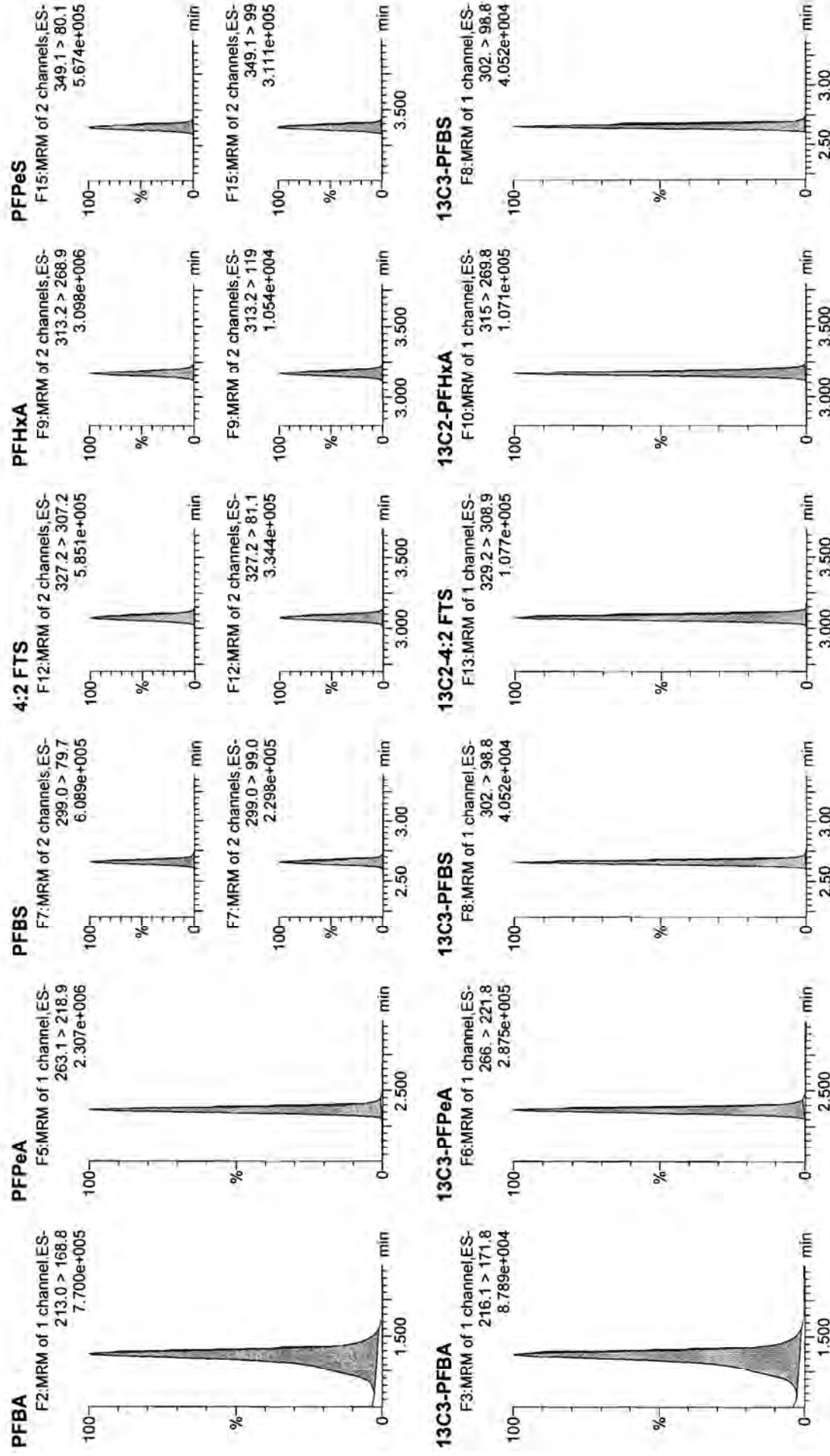
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Last Altered: Saturday, May 26, 2018 13:39:00 Pacific Daylight Time
Printed: Saturday, May 26, 2018 13:41:27 Pacific Daylight Time

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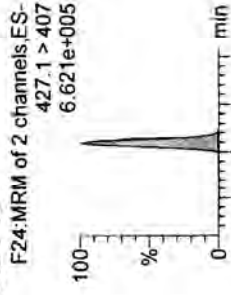
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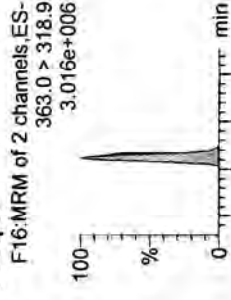
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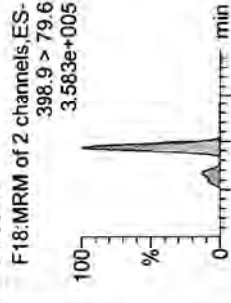
6:2 FTS



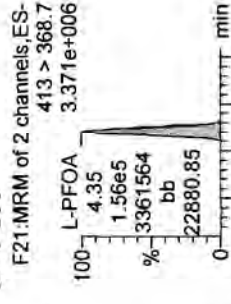
PFHpA



L-PFHxS



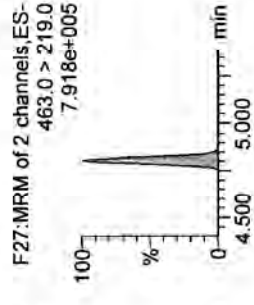
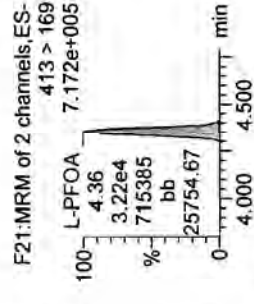
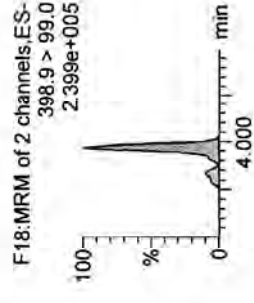
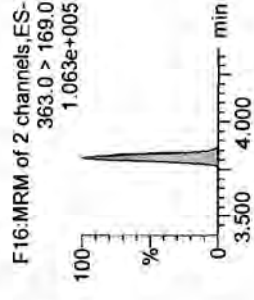
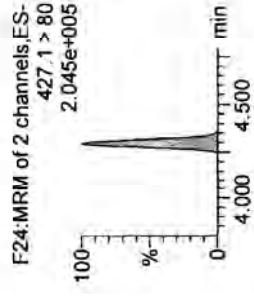
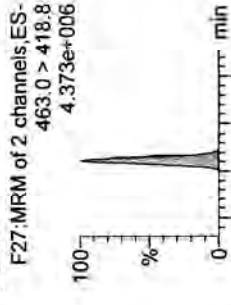
L-PFOA



PFHpS



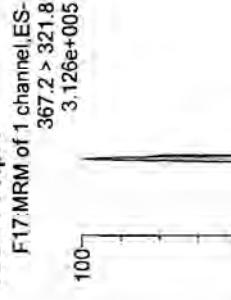
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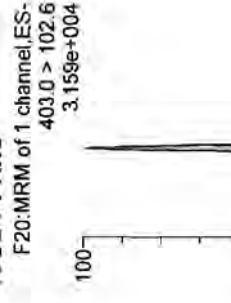
13C2-6:2 FTS



13C4-PFHpA



18O2-PFHxS



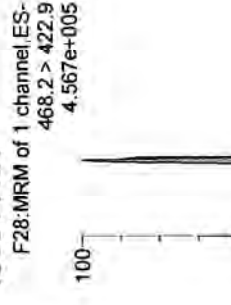
13C2-PFOA



13C2-PFOA



13C5-PFNA

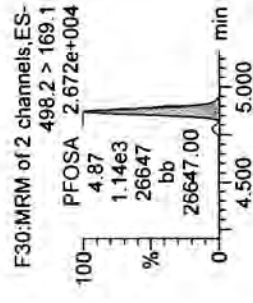
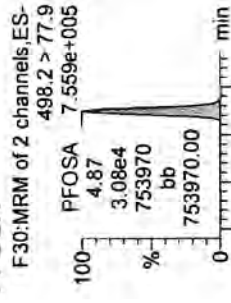


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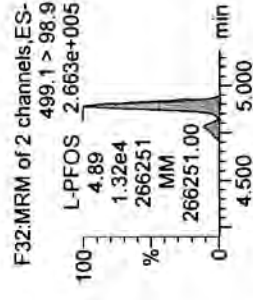
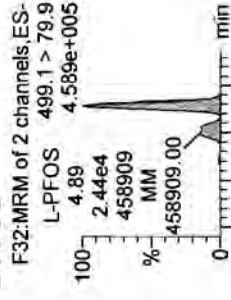
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Name: 180525M1_9, Date: 25-May-2018, Time: 16:13:10, ID: ST180525M1-8 PFC CS5 18E2209, Description: PFC CS5 18E2209

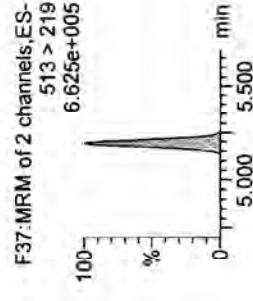
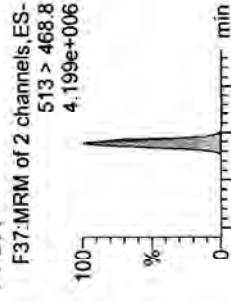
PFOSA



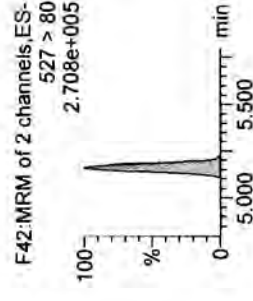
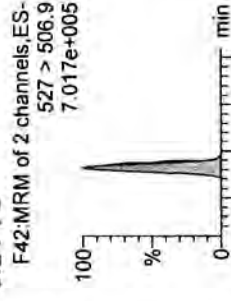
L-PFOS



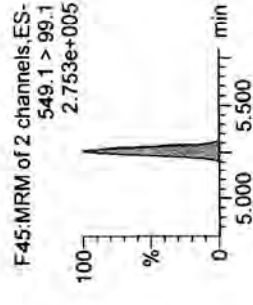
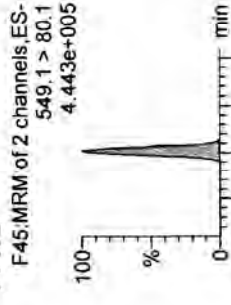
PFDA



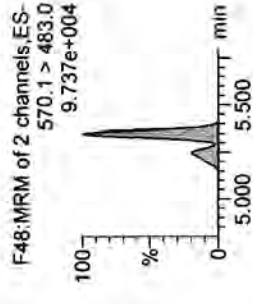
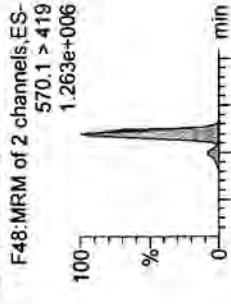
8:2 FTS



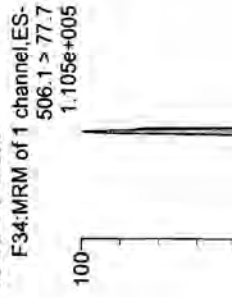
PFNS



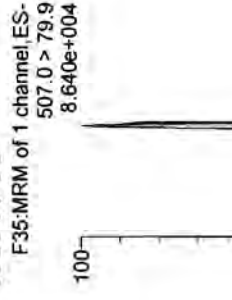
L-N-MeFOSAA



13C8-PFOSA



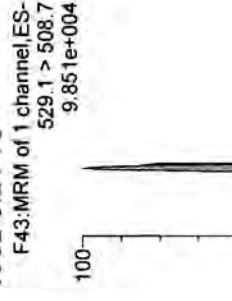
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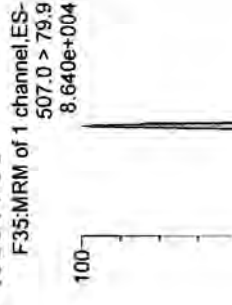
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13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA

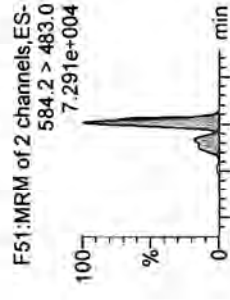
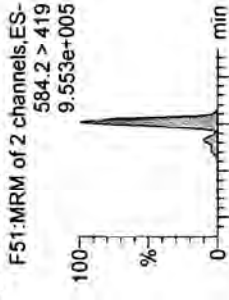


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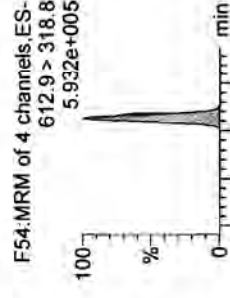
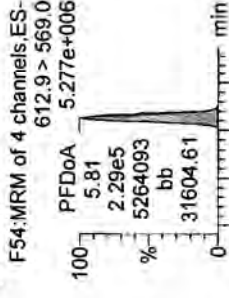
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Name: 180525M1_9, Date: 25-May-2018, Time: 16:13:10, ID: ST180525M1-8 PFC CS5 18E2209, Description: PFC CS5 18E2209

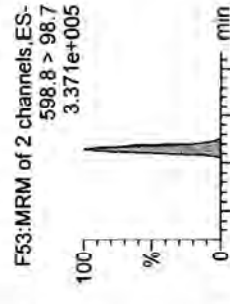
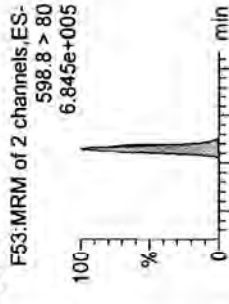
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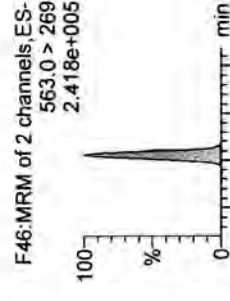
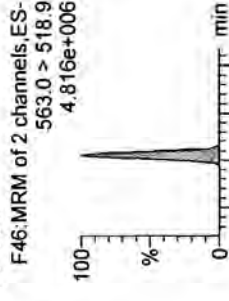
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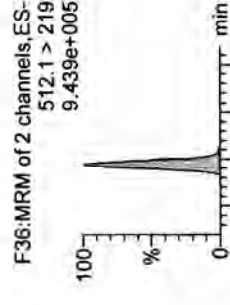
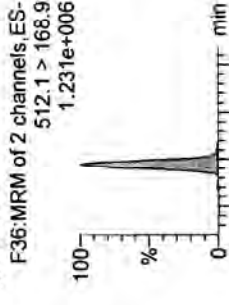
PFDS



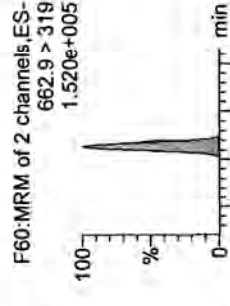
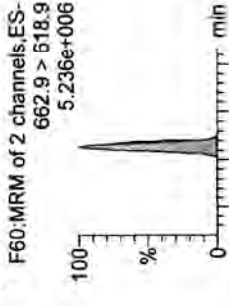
PFUdA



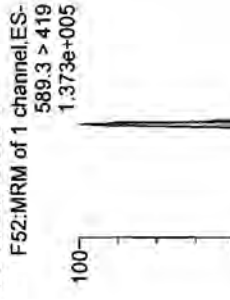
N-MeFOSA



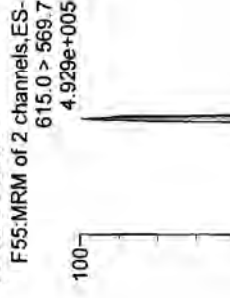
PFTrDA



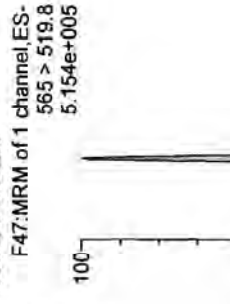
d5-N-EtFOSAA



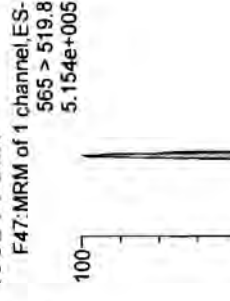
13C2-PFDaA



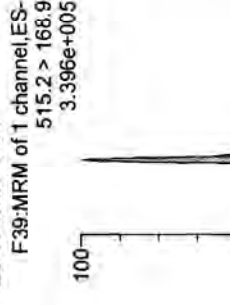
13C2-PFUdA



13C2-PFUDa



d3-N-MeFOSA



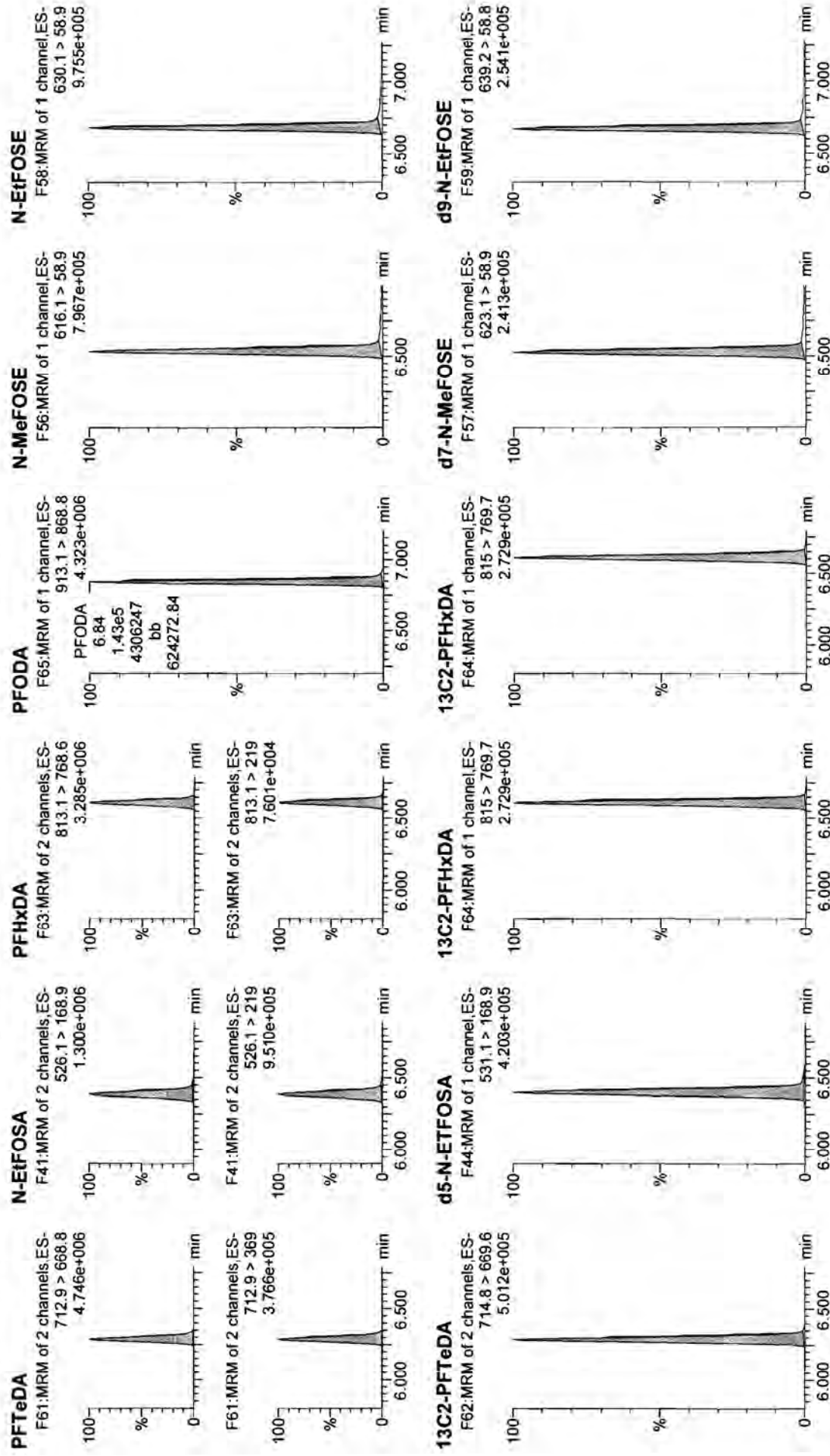
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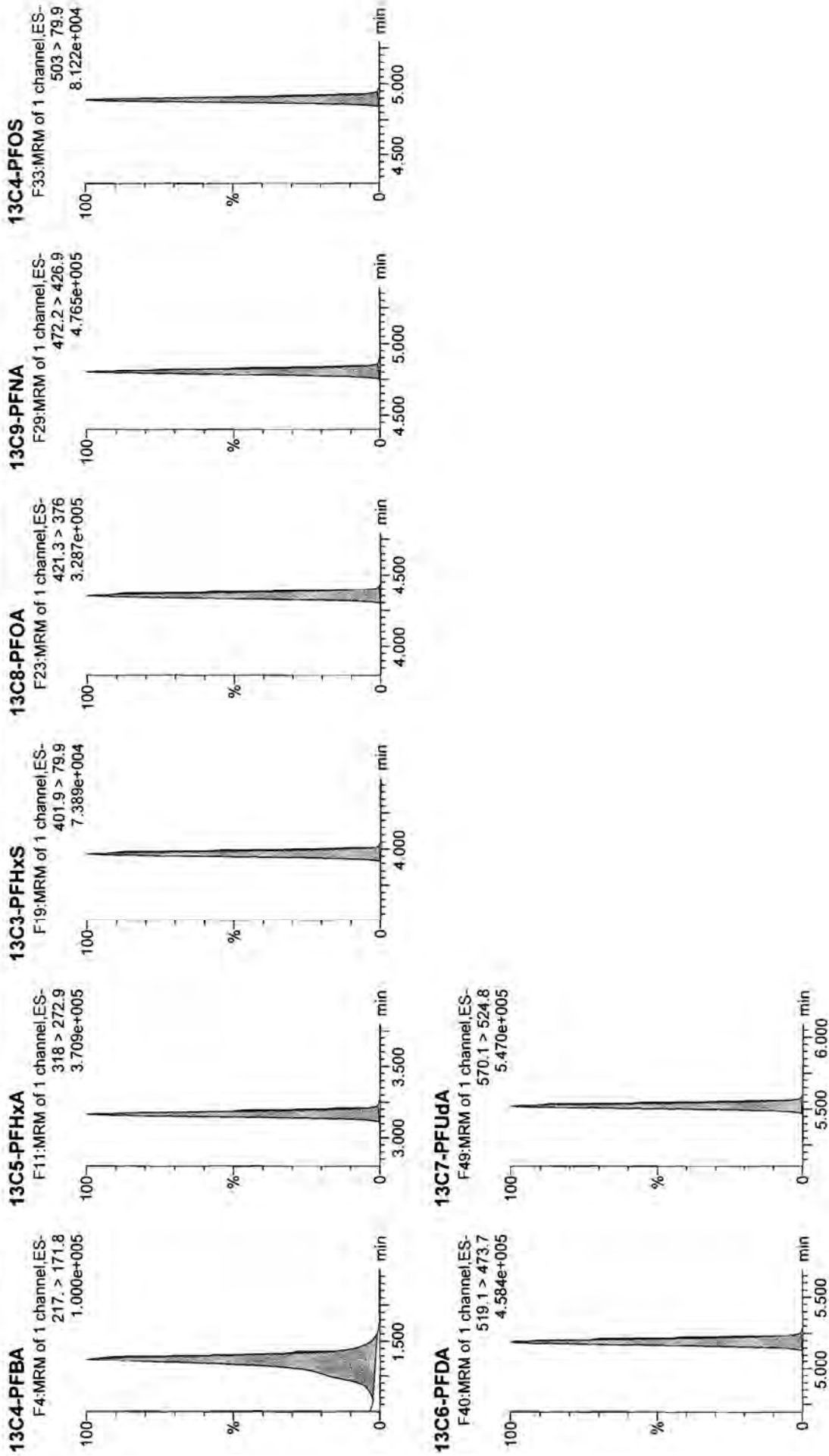
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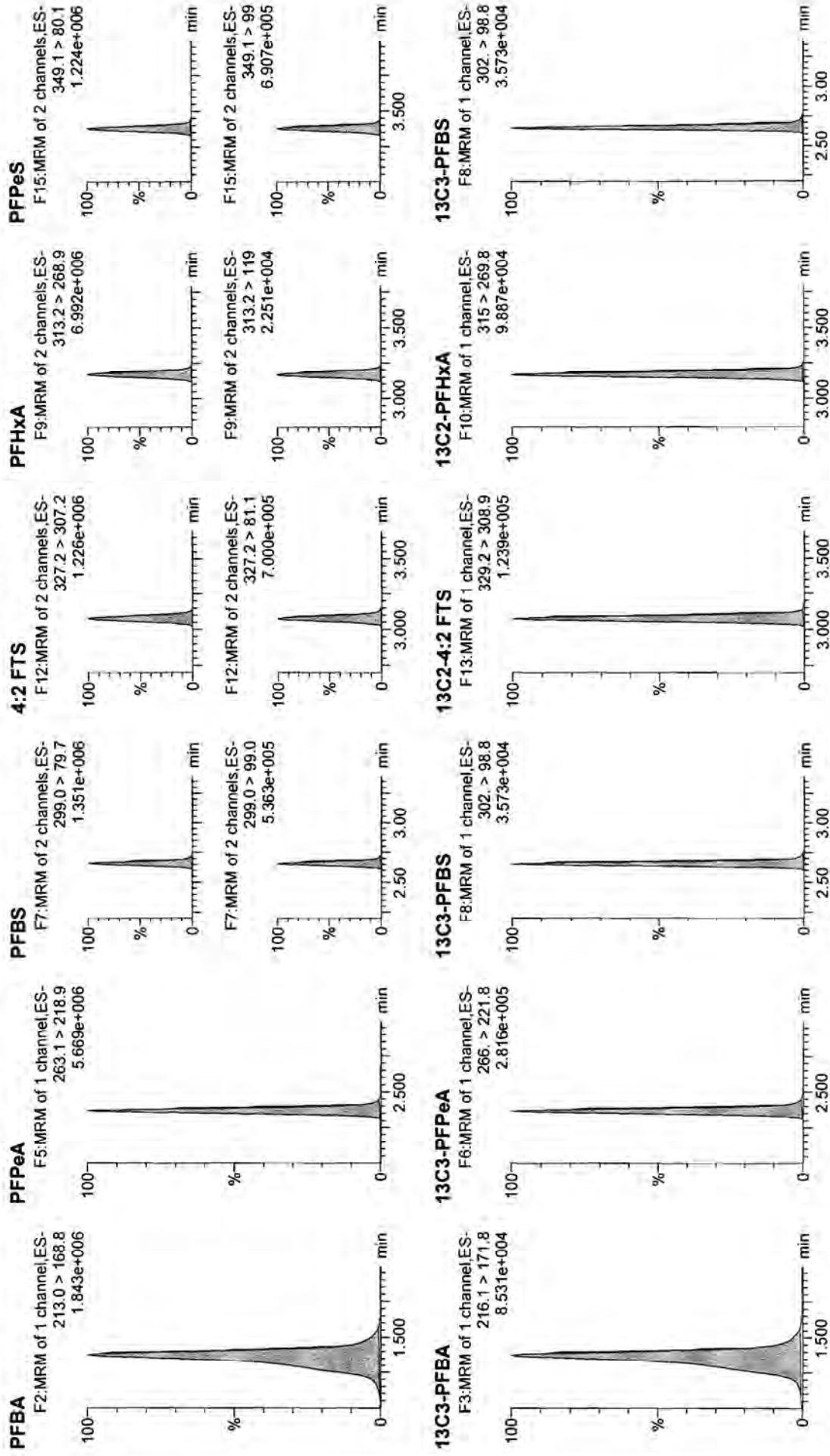
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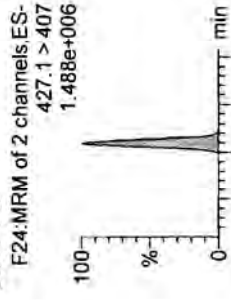


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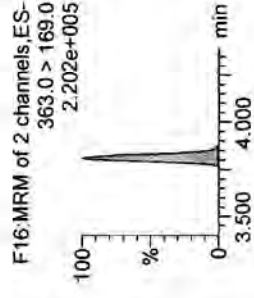
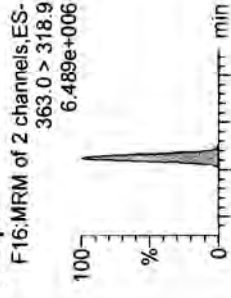
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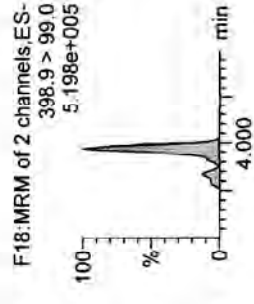
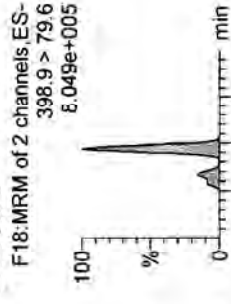
6:2 FTS



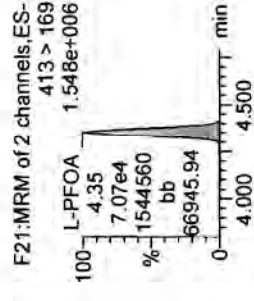
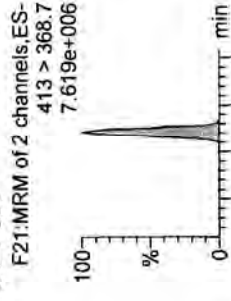
PFHpA



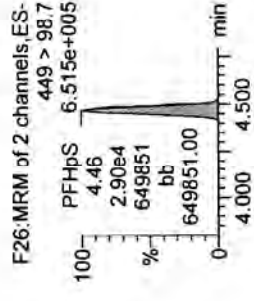
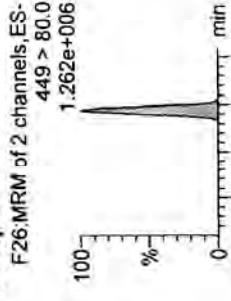
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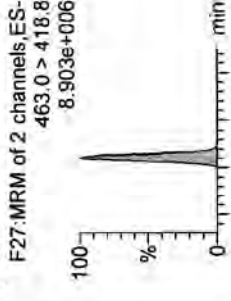
L-PFOA



PFHpS



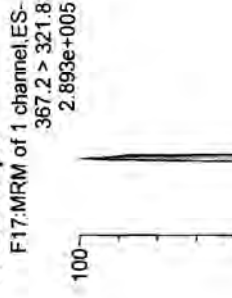
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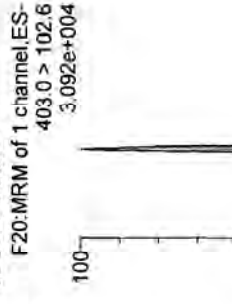
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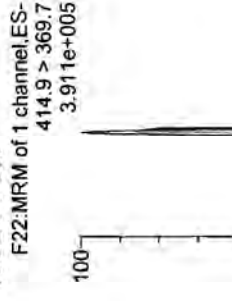
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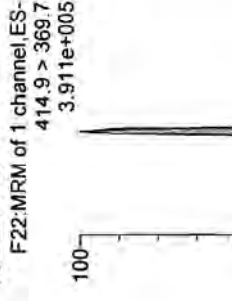
18O2-PFHxS



13C2-PFOA



13C2-PFOA



13C5-PFNA

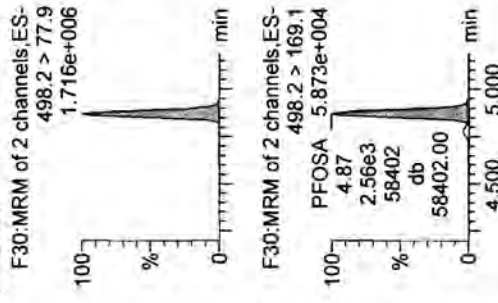


Dataset: F:\Projects\PFAS.PRO\Results\180525M1\180525M1-CRV_B.qld

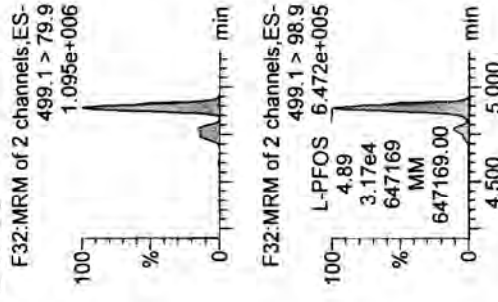
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Printed: Saturday, May 26, 2018 13:41:27 Pacific Daylight Time

Name: 180525M1_10, Date: 25-May-2018, Time: 16:24:34, ID: ST180525M1-9 PFC CS6 18E2210, Description: PFC CS6 18E2210

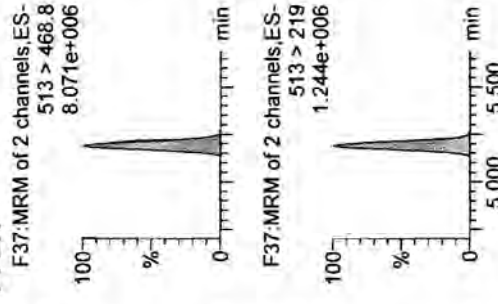
PFOSA



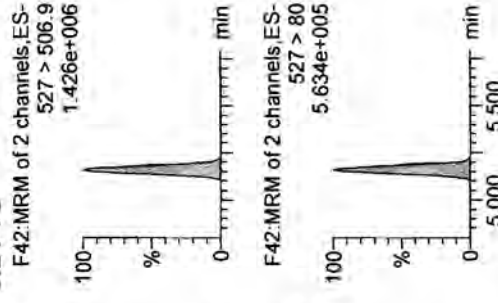
L-PFOS



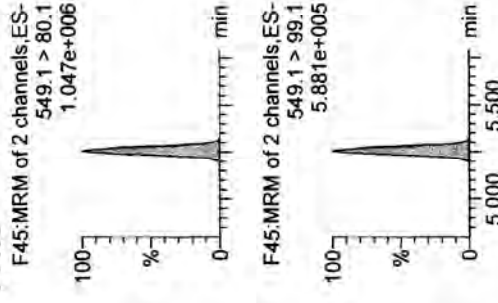
PFDA



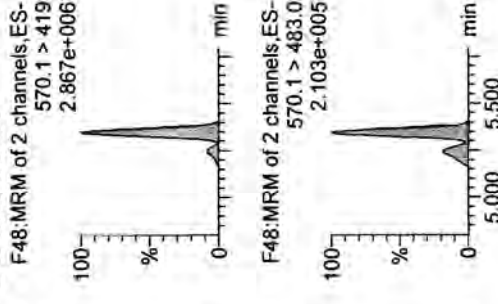
8:2 FTS



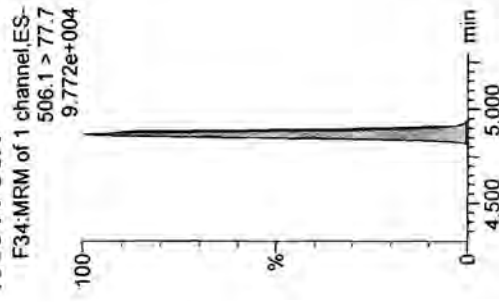
PFNS



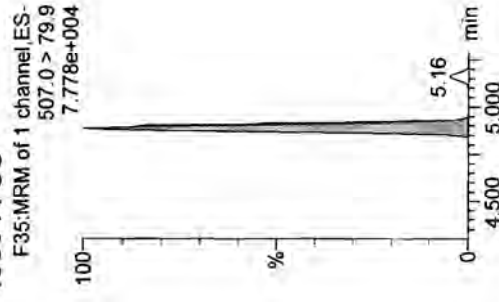
L-N-MeFOSAA



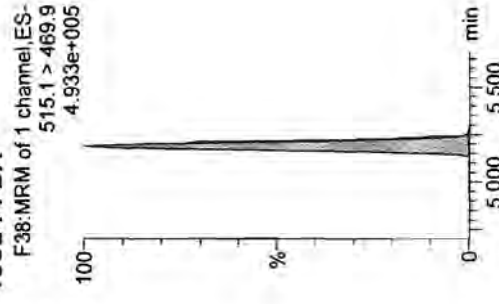
13C8-PFOSA



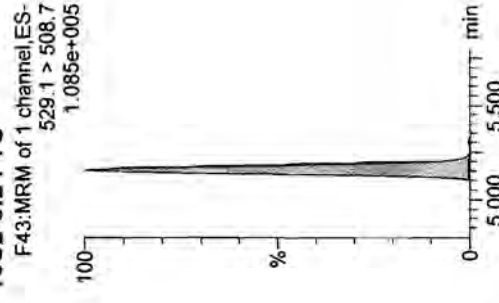
13C8-PFOS



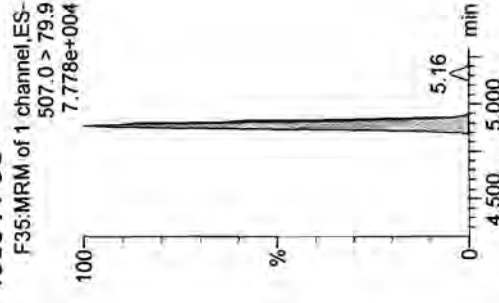
13C2-PFDA



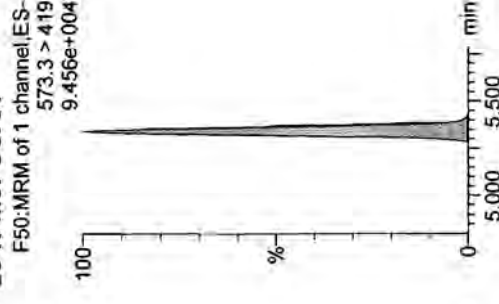
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA



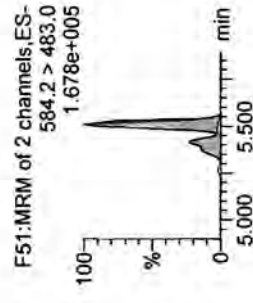
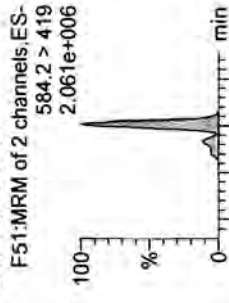
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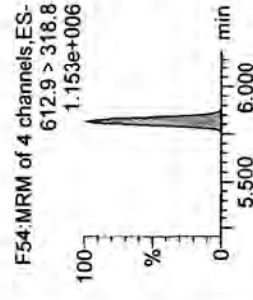
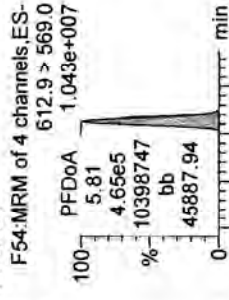
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Name: 180525M1_10, Date: 25-May-2018, Time: 16:24:34, ID: ST180525M1-9 PFC CS6 18E2210, Description: PFC CS6 18E2210

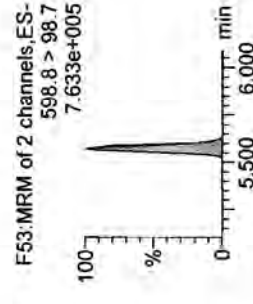
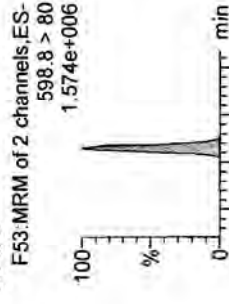
L-N-EtFOSAA



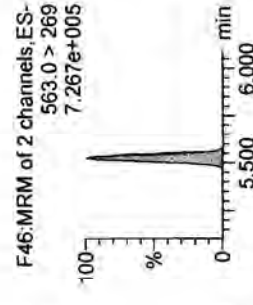
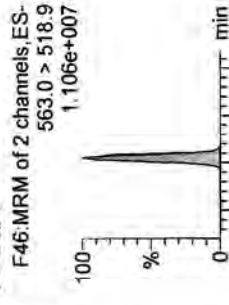
PFDoA



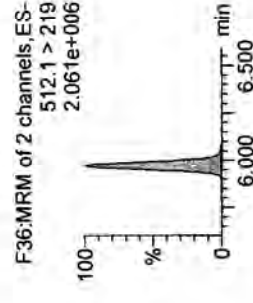
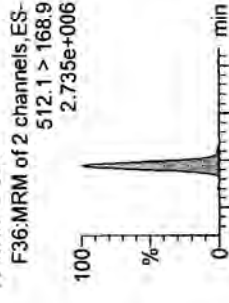
PFDS



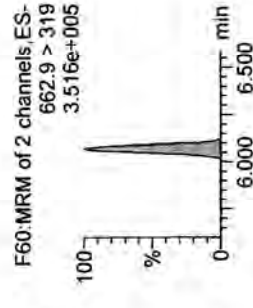
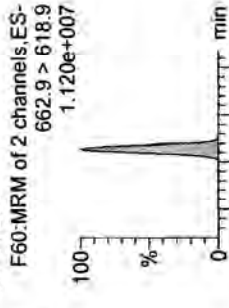
PFUdA



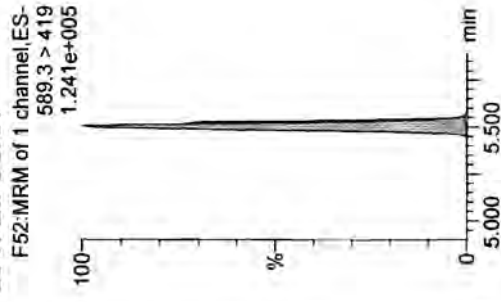
N-MeFOSA



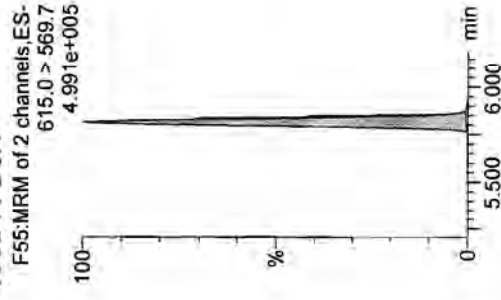
PFTrDA



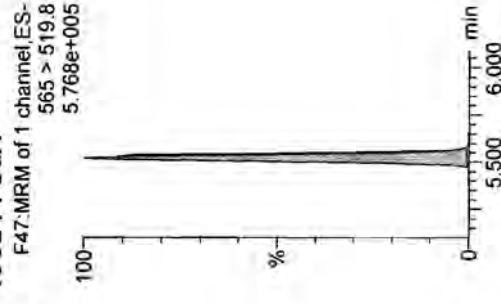
d5-N-EtFOSAA



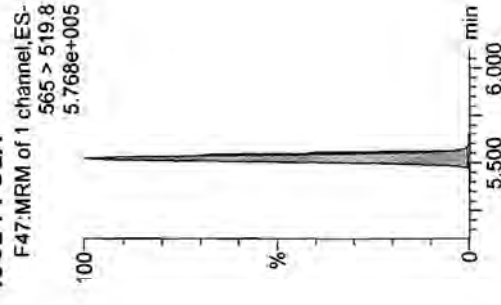
13C2-PFDoA



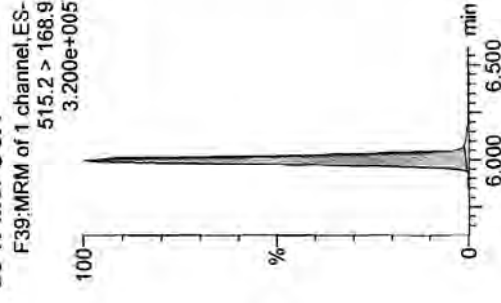
13C2-PFUdA



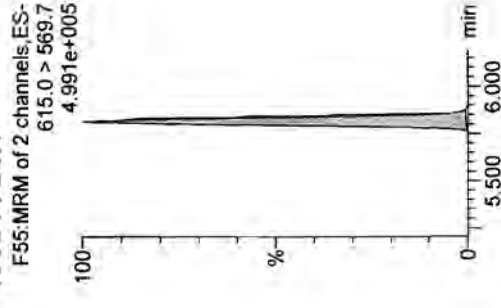
13C2-PFUDa



d3-N-MeFOSA



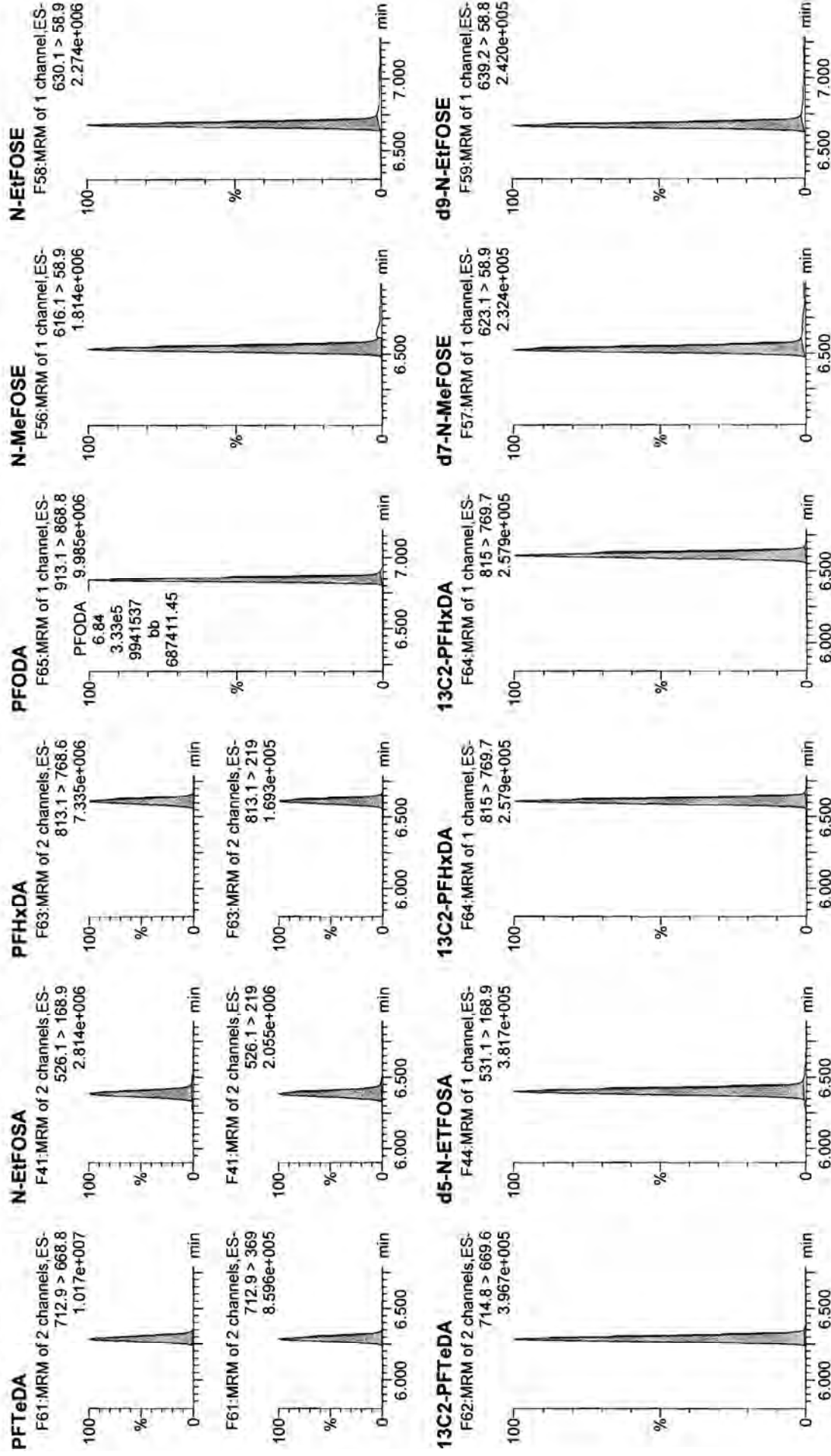
13C2-PFDoA



Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 13:39:00 Pacific Daylight Time
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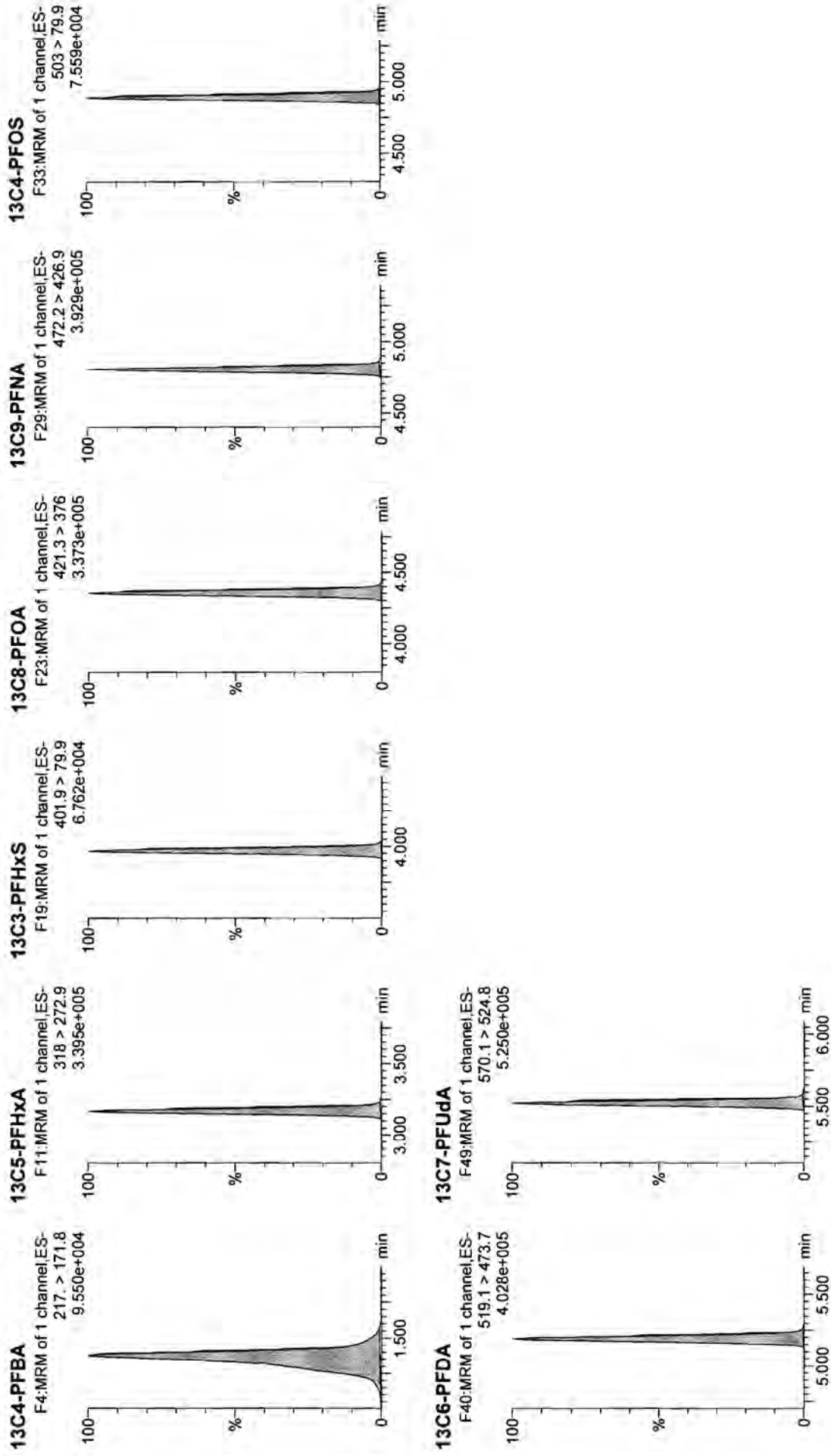
Name: 180525M1_10, Date: 25-May-2018, Time: 16:24:34, ID: ST180525M1-9 PFC CS6 18E2210, Description: PFC CS6 18E2210



Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 13:39:00 Pacific Daylight Time
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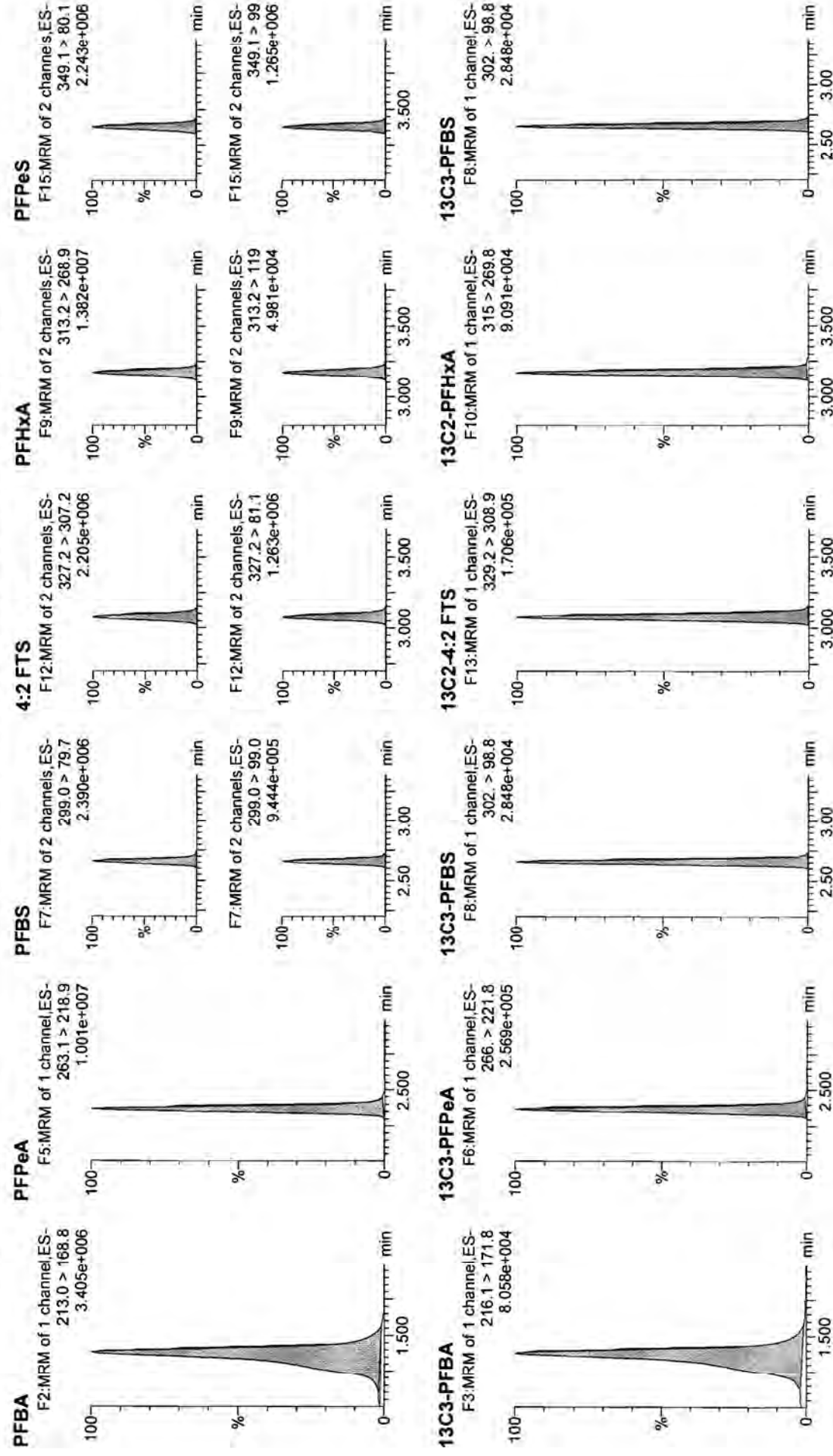
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Last Altered: Saturday, May 26, 2018 13:39:00 Pacific Daylight Time
Printed: Saturday, May 26, 2018 13:41:27 Pacific Daylight Time

Name: 180525M1_11, Date: 25-May-2018, Time: 16:35:58, ID: ST180525M1-10 PFC CS7 18E2211, Description: PFC CS7 18E2211



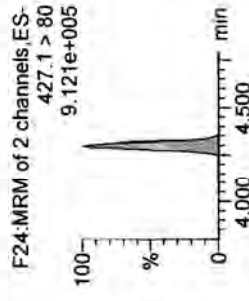
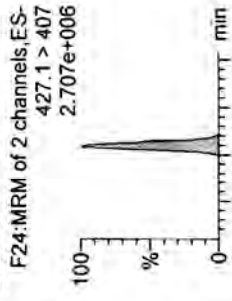
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Last Altered: Saturday, May 26, 2018 13:39:00 Pacific Daylight Time

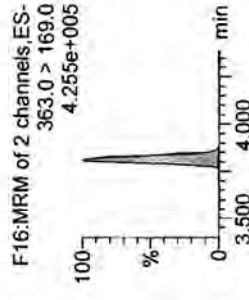
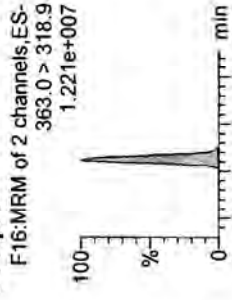
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Name: 180525M1_11, Date: 25-May-2018, Time: 16:35:58, ID: ST180525M1-10 PFC CS7 18E2211, Description: PFC CS7 18E2211

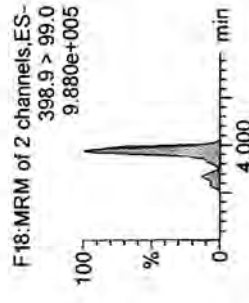
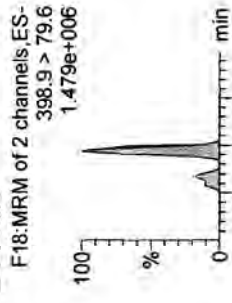
6:2 FTS



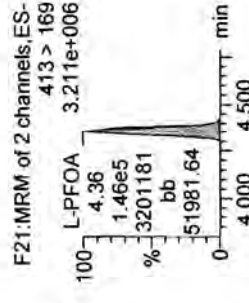
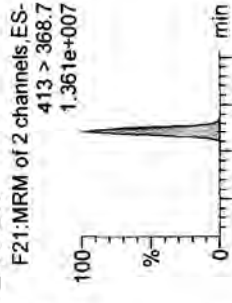
PFHpA



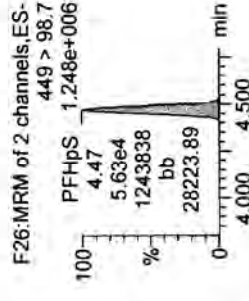
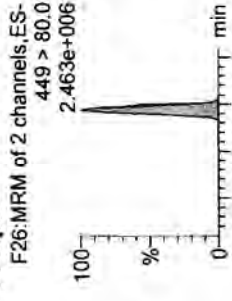
L-PFHxS



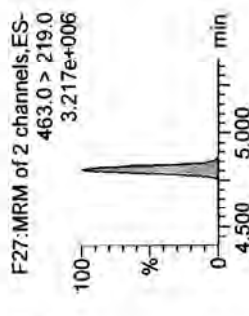
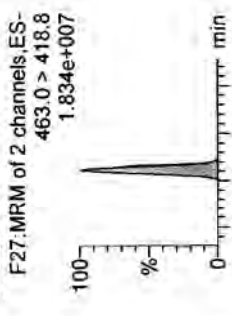
L-PFOA



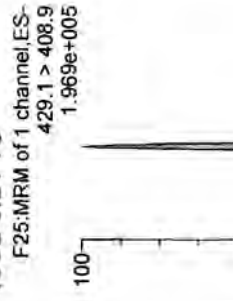
PFHpS



PFNA



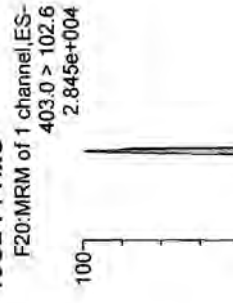
13C2-6:2 FTS



13C4-PFHpA



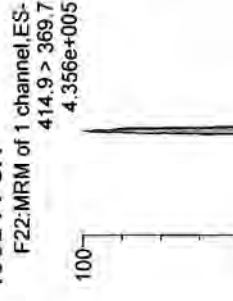
18O2-PFHxS



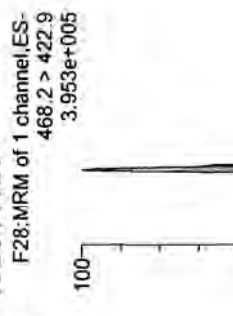
13C2-PFOA



13C2-PFOA



13C5-PFNA

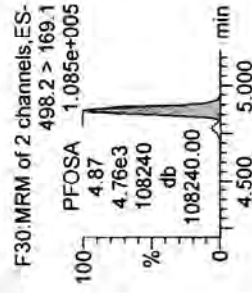
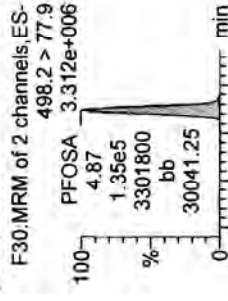


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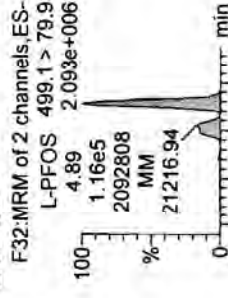
Last Altered: Saturday, May 26, 2018 13:39:00 Pacific Daylight Time
Printed: Saturday, May 26, 2018 13:41:27 Pacific Daylight Time

Name: 180525M1_11, Date: 25-May-2018, Time: 16:35:58, ID: ST180525M1-10 PFC CS7 18E2211, Description: PFC CS7 18E2211

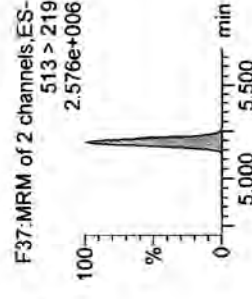
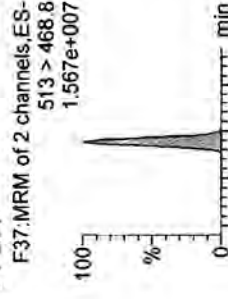
PFOSA



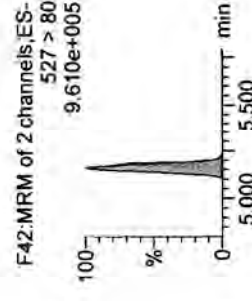
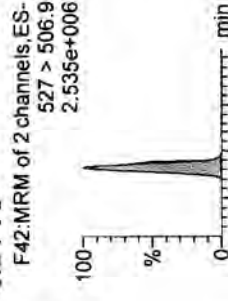
L-PFOS



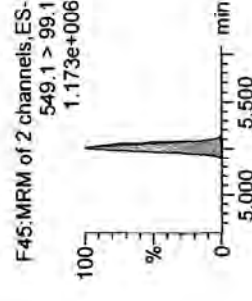
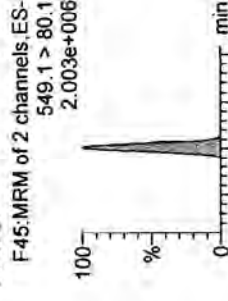
PFDA



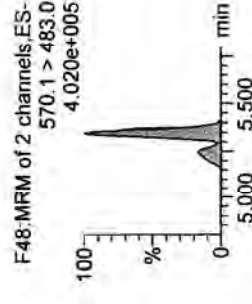
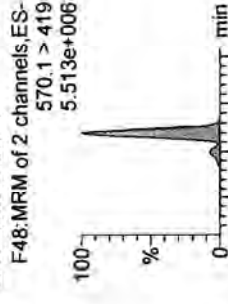
8:2 FTS



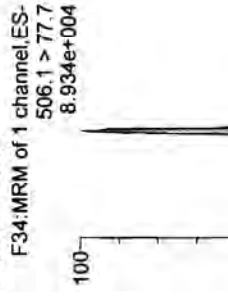
PFNS



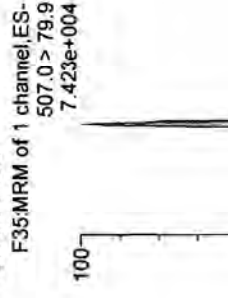
L-N-MeFOSAA



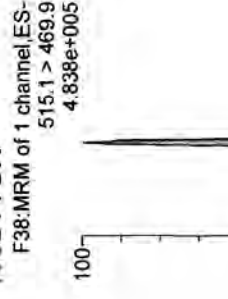
13C8-PFOSA



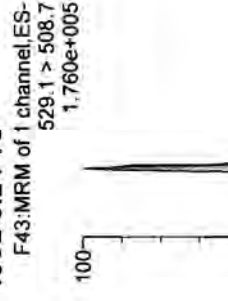
13C8-PFOS



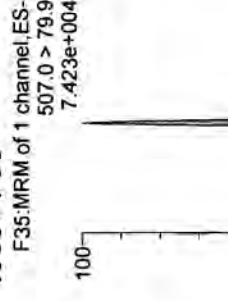
13C2-PFDA



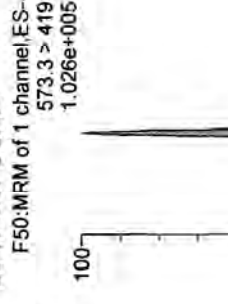
13C2-8:2 FTS



13C8-PFOS



d3-N-MeFOSAA

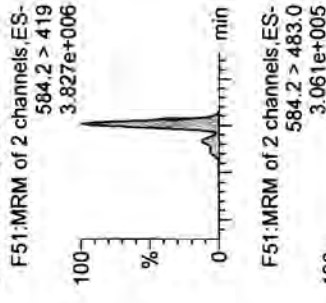


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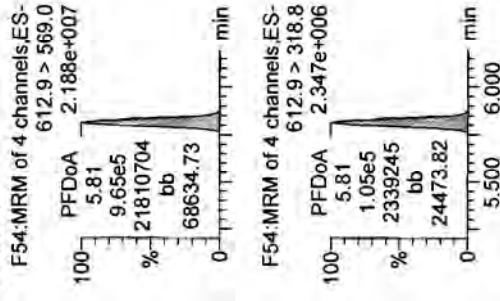
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Name: 180525M1_11, Date: 25-May-2018, Time: 16:35:58, ID: ST180525M1-10 PFC CS7 18E2211, Description: PFC CS7 18E2211

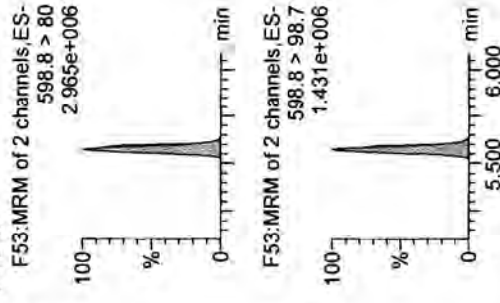
L-N-EtFOSAA



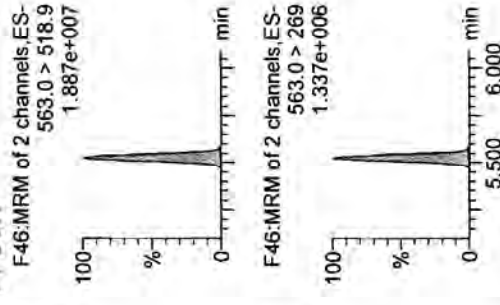
PFDoA



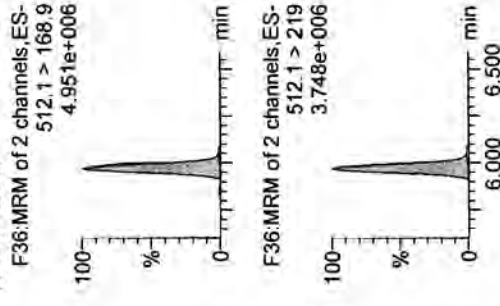
PFDS



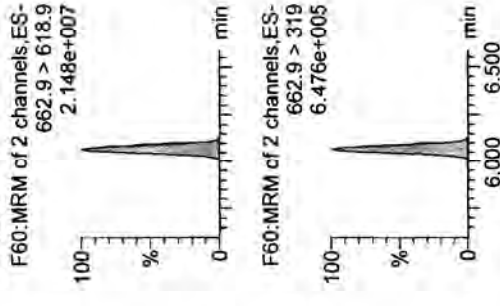
PFUdA



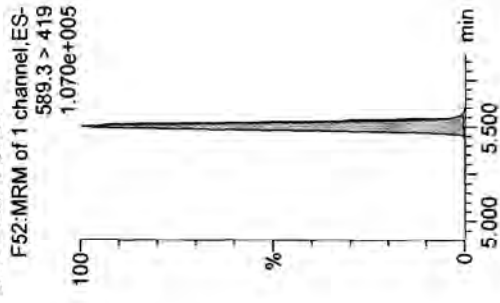
N-MeFOSA



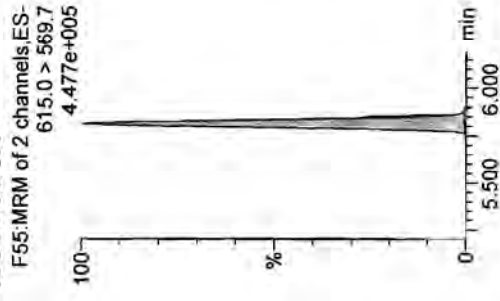
PFTrDA



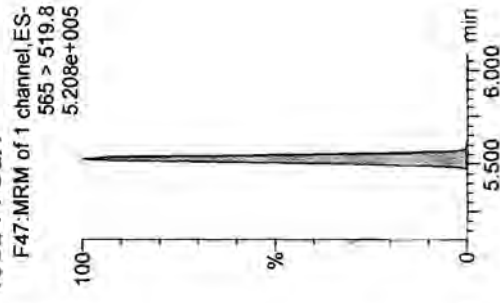
d5-N-EtFOSAA



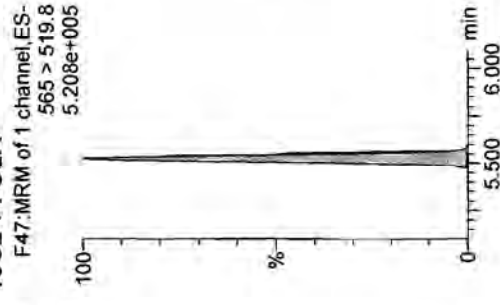
13C2-PFDoA



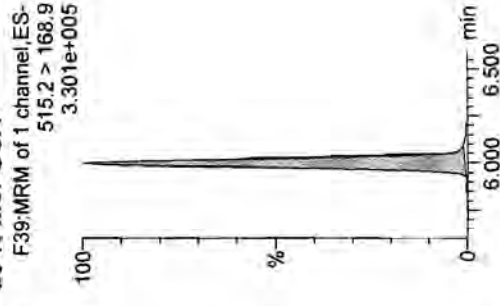
13C2-PFUdA



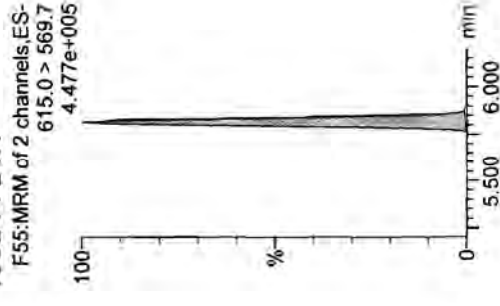
13C2-PFUDa



d3-N-MeFOSA



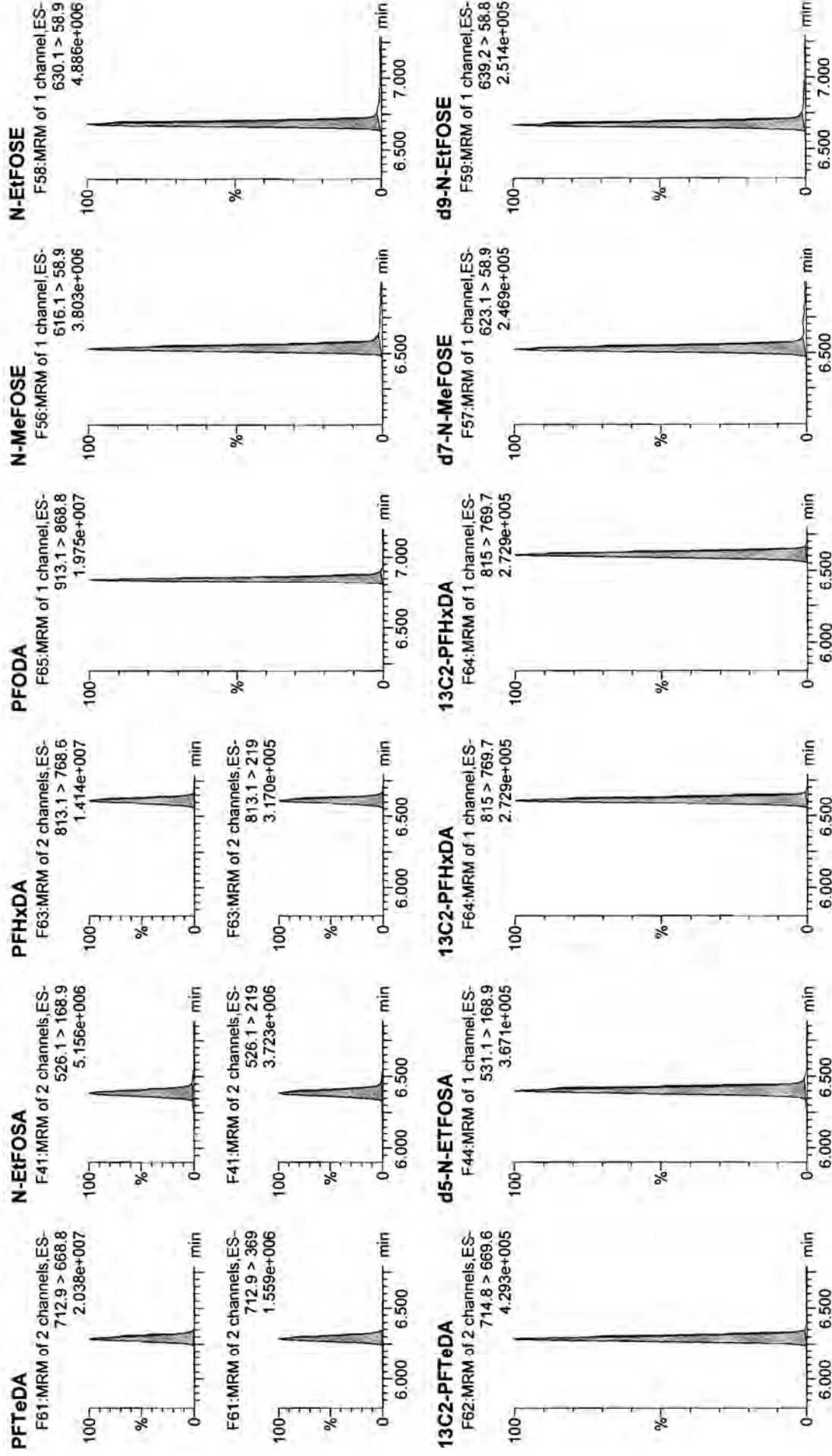
13C2-PFDoA



Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

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Printed: Saturday, May 26, 2018 13:41:27 Pacific Daylight Time

Name: 180525M1_11, Date: 25-May-2018, Time: 16:35:58, ID: ST180525M1-10 PFC CS7 18E2211, Description: PFC CS7 18E2211

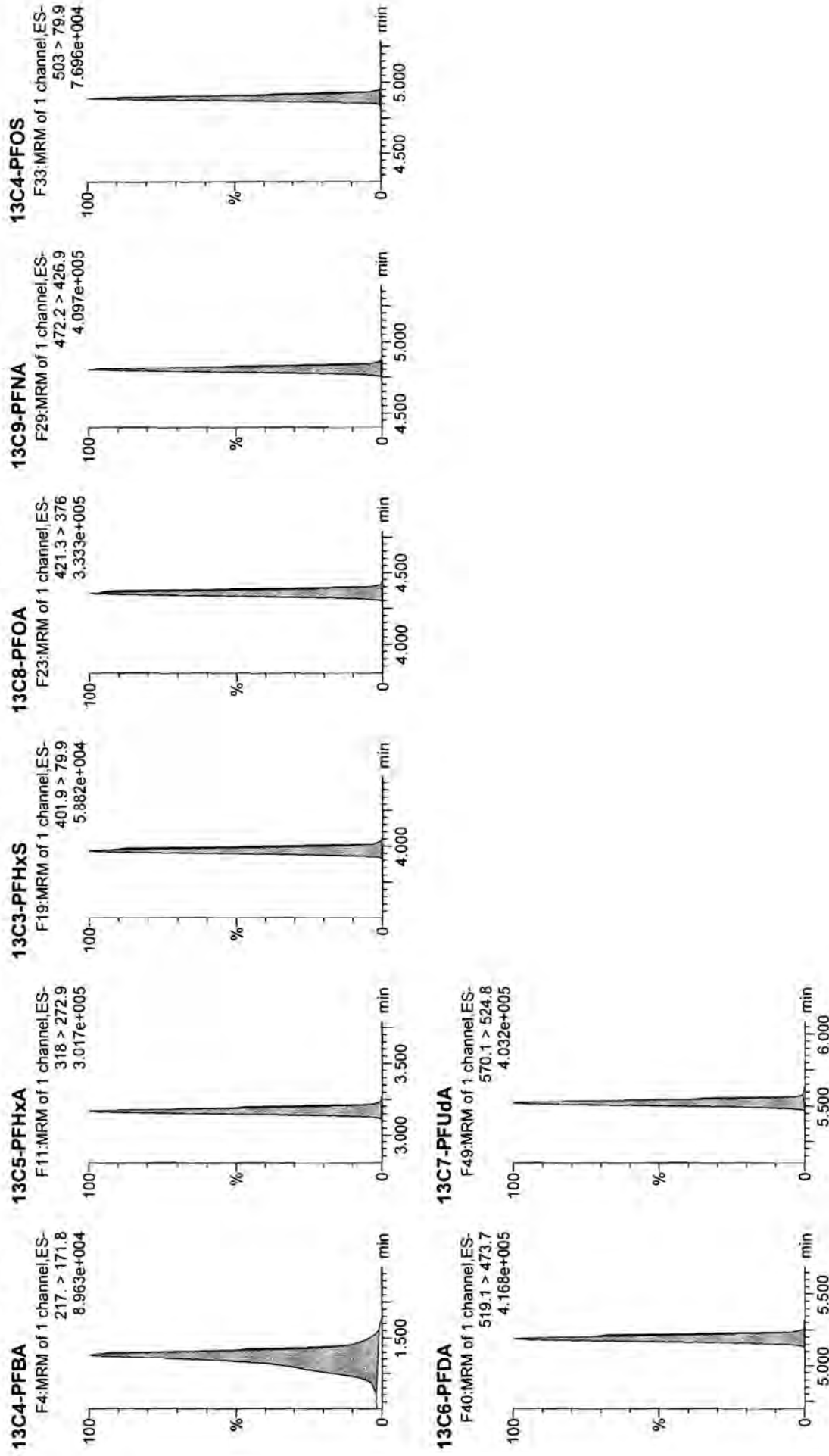


Quantify Sample Report MassLynx MassLynx V4.1 SCN945 SCN960
 Vista Analytical Laboratory

Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-CRV_B.qld

Last Altered: Saturday, May 26, 2018 13:39:00 Pacific Daylight Time
 Printed: Saturday, May 26, 2018 13:41:27 Pacific Daylight Time

Name: 180525M1_11, Date: 25-May-2018, Time: 16:35:58, ID: ST180525M1-10 PFC CS7 18E2211, Description: PFC CS7 18E2211



Quantify Sample Summary Report **MassLynx MassLynx V4.1 SCN945 SCN960**
Vista Analytical Laboratory

Dataset: F:\Projects\PFAS.PRO\Results\180525M1\180525M1-ICV.qld

Last Altered: Saturday, May 26, 2018 15:34:09 Pacific Daylight Time
Printed: Saturday, May 26, 2018 15:34:26 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052518.mdb 26 May 2018 14:09:10
Calibration: F:\Projects\PFAS.PRO\CurveDB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Name: 180525M1_13, Date: 25-May-2018, Time: 16:58:44, ID: ICV180525M1-1 PFC 537 ICV 18E1401, Description: PFC ICV 18E1401

#	Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Recovery Out	Ion Ratio	Ratio out?
1	1 PFBA	213.0 > 16...	7.76e3	8.87e3	1.39	1.39	1.39	10.9	10.1	101.4	NO		
2	2 PFPeA	263.1 > 21...	1.09e4	1.33e4	2.37	2.37	2.37	10.2	10.2	102.3	NO		
3	3 PFBS	299.0 > 79.7	2.36e3	1.68e3	2.66	2.66	2.66	17.5	9.08	90.8	NO	2.630	NO
4	4 4:2 FTS	327.2 > 307.2	2.89e3	3.91e3	3.08	3.08	3.08	9.22	9.54	95.4	NO	1.870	NO
5	5 PFHxA	313.2 > 26...	1.44e4	4.39e3	3.17	3.17	3.17	16.4	11.3	112.7	NO	289.179	NO
6	6 PFPeS	349.1 > 80.1	2.36e3	1.68e3	3.38	3.38	3.38	17.6	9.58	95.8	NO	1.782	NO
7	7 PFHpA	363.0 > 31...	1.44e4	1.41e4	3.81	3.81	3.82	12.8	10.8	108.3	NO	30.539	NO
8	8 L-PFHxS	398.9 > 79.6	1.71e3	1.45e3	4.02	3.97	3.97	14.7	8.69	86.9	NO	1.409	NO
9	10 6:2 FTS	427.1 > 407	3.37e3	3.94e3	4.30	4.30	4.30	10.7	10.6	105.8	NO	2.811	NO
10	11 L-PFOA	413 > 368.7	1.71e4	2.21e4	4.40	4.36	4.36	9.88	9.70	97.0	NO	4.696	NO
11	13 PFHpS	449 > 80.0	2.54e3	2.21e4	4.46	4.47	4.47	1.44	8.92	89.2	NO	2.095	NO
12	14 PFNA	463.0 > 41...	1.96e4	1.87e4	4.81	4.81	4.81	13.1	10.8	107.8	NO	6.460	NO
13	15 PFOSA	498.2 > 77.9	3.11e3	4.52e3	4.87	4.87	4.87	8.60	9.62	96.2	NO	22.419	NO
14	16 L-PFOS	499.1 > 79.9	2.50e3	3.57e3	4.92	4.89	4.89	8.74	9.90	99.0	NO	2.096	NO
15	18 PFDA	513 > 468.8	1.94e4	2.57e4	5.19	5.19	5.19	9.44	9.31	93.1	NO	6.046	NO
16	19 8:2 FTS	527 > 506.9	3.60e3	3.79e3	5.16	5.16	5.16	11.9	8.89	88.9	NO	2.289	NO
17	20 PFNS	549.1 > 80.1	2.15e3	3.57e3	5.25	5.26	5.26	7.54	9.75	97.5	NO	1.568	NO
18	21 L-MeFOSAA	570.1 > 419	8.09e3	5.03e3	5.35	5.35	5.35	20.1	11.4	114.4	NO	14.281	NO
19	23 L-EtFOSAA	584.2 > 419	5.87e3	5.84e3	5.51	5.51	5.51	12.6	12.6	126.3	NO	13.038	NO

25/5/18

Quantify Sample Summary Report **MassLynx MassLynx V4.1 SCN945 SCN960**
Vista Analytical Laboratory

Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-ICV.qld

Last Altered: Saturday, May 26, 2018 15:34:09 Pacific Daylight Time
Printed: Saturday, May 26, 2018 15:34:34 Pacific Daylight Time

Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052518.mdb 26 May 2018 14:09:10
Calibration: F:\Projects\PFAS.PRO\CurvedB\C18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Name: 180525M1_13, Date: 25-May-2018, Time: 16:58:44, ID: ICV180525M1-1 PFC 537 ICV 18E1401, Description: PFC ICV 18E1401

#	Name	Trace	Area	IS Area	RRF	Pred.RT	RT	Y Axis Resp.	Conc.	%Rec	Recovery Out	Ion Ratio	Ratio out?
1	25 PFUDa	563.0 > 51...	2.19e4	2.17e4		5.52	5.52	12.7	11.8	117.9	NO	15.640	NO
2	26 PFDS	598.8 > 80	2.53e3	2.17e4		5.57	5.57	1.46	9.85	98.5	NO	1.762	NO
3	27 PFDa	612.9 > 56...	2.19e4	2.34e4		5.81	5.81	11.7	9.76	97.6	NO	9.289	NO
4	28 N-MeFOSA	512.1 > 16...		1.73e4		5.97					NO		
5	29 PFTeDA	662.9 > 61...	2.72e4	2.34e4		6.06	6.07	14.5	11.3	113.1	NO	38.848	YES
6	30 PFTeDA	712.9 > 66...	2.10e4	1.98e4		6.29	6.29	13.2	10.7	107.3	NO	12.046	NO
7	31 N-EFOSA	526.1 > 16...		2.31e4		6.39					NO		
8	32 PFHxDA	813.1 > 76...		1.17e4		6.61					NO		
9	33 PFODA	913.1 > 86...		1.17e4		6.84					NO		
10	34 N-MeFOSE	616.1 > 58.9		1.19e4		6.54					NO		
11	35 N-EFOSE	630.1 > 58.9		1.14e4		6.68					NO		
12	36 13C3-PFBA	216.1 > 17...	8.87e3	1.01e4	0.874	1.38	1.39	10.9	12.5	100.0	NO		
13	37 13C3-PFPeA	266. > 221.8	1.33e4	1.64e4	0.834	2.37	2.37	10.2	12.2	97.9	NO		
14	38 13C3-PFBS	302. > 98.8	1.68e3	1.64e4	0.101	2.65	2.66	1.29	12.8	102.2	NO		
15	39 13C2-4:2 FTS	329.2 > 308.9	3.91e3	1.64e4	0.238	3.07	3.08	2.99	12.5	100.3	NO		
16	40 13C2-PFHxA	315 > 269.8	4.39e3	1.64e4	0.731	3.17	3.17	3.36	4.60	91.9	NO		
17	41 13C4-PFHpA	367.2 > 32...	1.41e4	1.64e4	0.820	3.81	3.81	10.7	13.1	104.8	NO		
18	42 18O2-PFHxS	403.0 > 10...	1.45e3	3.27e3	0.429	3.97	3.97	5.55	12.9	103.5	NO		
19	43 13C2-6:2 FTS	429.1 > 40...	3.94e3	1.80e4	0.235	4.30	4.30	2.74	11.7	93.3	NO		
20	44 13C2-PFOA	414.9 > 36...	2.21e4	1.80e4	1.222	4.35	4.36	15.4	12.6	100.5	NO		
21	45 13C5-PFNA	468.2 > 42...	1.87e4	1.99e4	0.950	4.81	4.81	11.8	12.4	99.0	NO		
22	46 13C8-PFOA	506.1 > 77.7	4.52e3	2.50e4	0.190	4.87	4.87	2.26	11.9	95.3	NO		
23	47 13C8-PFOS	507.0 > 79.9	3.57e3	3.49e3	1.018	4.89	4.89	12.8	12.5	100.4	NO		
24	48 13C2-PFDA	515.1 > 46...	2.57e4	2.29e4	1.175	5.19	5.19	14.0	12.0	95.6	NO		
25	49 13C2-8:2 FTS	529.1 > 50...	3.79e3	1.64e4	0.245	5.16	5.16	2.90	11.8	94.4	NO		
26	50 d3-N-MeFOSAA	573.3 > 419	5.03e3	2.50e4	0.202	5.34	5.34	2.51	12.5	99.8	NO		
27	51 d5-N-EiFOSAA	589.3 > 419	5.84e3	2.50e4	0.242	5.50	5.51	2.92	12.0	96.4	NO		
28	52 13C2-PFUDa	565 > 519.8	2.17e4	2.50e4	1.062	5.52	5.52	10.8	10.2	81.6	NO		
29	53 13C2-PFDa	615.0 > 56...	2.34e4	2.29e4	1.048	5.81	5.81	12.8	12.2	97.8	NO		
30	54 d3-N-MeFOSA	515.2 > 16...	1.73e4	2.50e4	0.058	6.00	6.00	8.67	150	99.7	NO		
31	55 13C2-PFTeDA	714.8 > 66...	1.98e4	2.50e4	0.871	6.29	6.29	9.91	11.4	91.0	NO		
32	56 d5-N-EiFOSA	531.1 > 16...	2.31e4	2.50e4	0.073	6.40	6.40	11.6	158	105.3	NO		

Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-ICV.qld

Last Altered: Saturday, May 26, 2018 15:34:09 Pacific Daylight Time
Printed: Saturday, May 26, 2018 15:34:34 Pacific Daylight Time

Name: 180525M1_13, Date: 25-May-2018, Time: 16:58:44, ID: ICV180525M1-1 PFC 537 ICV 18E1401, Description: PFC ICV 18E1401

	#	Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Recovery Out	Ion Ratio	Ratio out?
33	57	13C2-PFHxDA	815 > 769.7	1.17e4	2.50e4	1.232	6.61	6.61	5.85	4.74	94.9	NO		
34	58	d7-N-MeFOSE	623.1 > 58.9	1.19e4	2.50e4	0.039	6.53	6.53	5.97	151	100.8	NO		
35	59	d9-N-EiFOSE	639.2 > 58.8	1.14e4	2.50e4	0.037	6.68	6.68	5.70	154	102.8	NO		
36	60	13C4-PFBA	217. > 171.8	1.01e4	1.01e4	1.000	1.38	1.39	12.5	12.5	100.0	NO		
37	61	13C5-PFHxA	318 > 272.9	1.64e4	1.64e4	1.000	3.17	3.17	12.5	12.5	100.0	NO		
38	62	13C3-PFHxS	401.9 > 79.9	3.27e3	3.27e3	1.000	3.97	3.97	12.5	12.5	100.0	NO		
39	63	13C8-PFOA	421.3 > 376	1.80e4	1.80e4	1.000	4.35	4.36	12.5	12.5	100.0	NO		
40	64	13C9-PFNA	472.2 > 42...	1.99e4	1.99e4	1.000	4.80	4.81	12.5	12.5	100.0	NO		
41	65	13C4-PFOS	503 > 79.9	3.49e3	3.49e3	1.000	4.89	4.89	12.5	12.5	100.0	NO		
42	66	13C6-PFDA	519.1 > 47...	2.29e4	2.29e4	1.000	5.19	5.19	12.5	12.5	100.0	NO		
43	67	13C7-PFUDA	570.1 > 52...	2.50e4	2.50e4	1.000	5.52	5.52	12.5	12.5	100.0	NO		

Vista Analytical Laboratory

Dataset: F:\Projects\PFAS.PRO\Results\180525M1\180525M1-ICV.qld

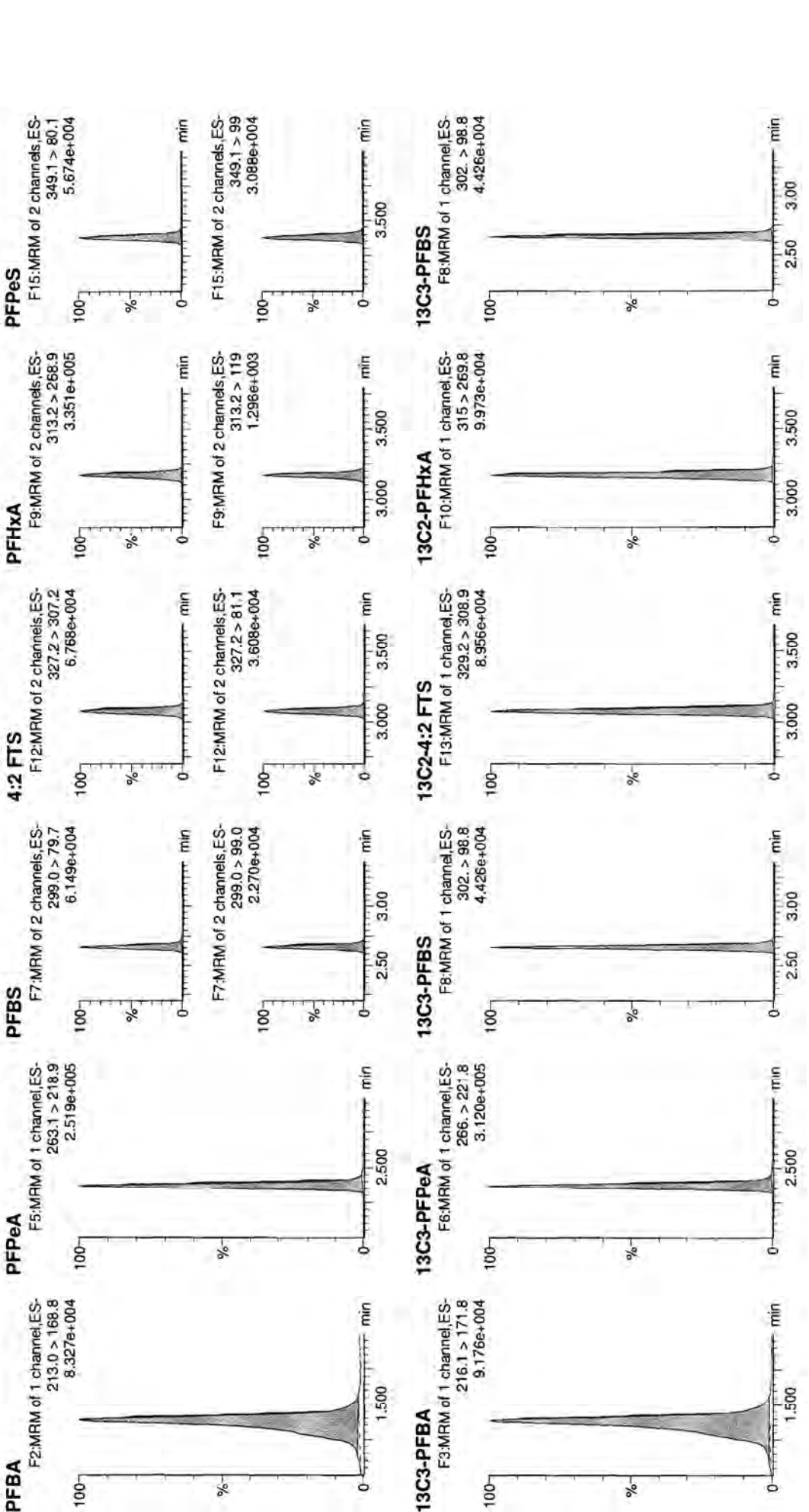
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Method: F:\Projects\PFAS.PRO\MethDB\PFAS_FULL_80C_052518.mdb 26 May 2018 14:09:10

Calibration: F:\Projects\PFAS.PRO\CurveDB\IC18_VAL-PFAS_Q4_05-25-18.cdb 26 May 2018 15:24:47

Name: 180525M1_13, Date: 25-May-2018, Time: 16:58:44, ID: ICV180525M1-1 PFC 537 ICV 18E1401, Description: PFC ICV 18E1401

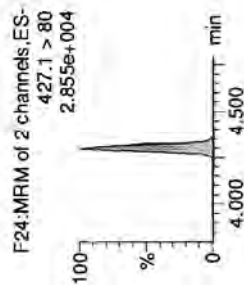
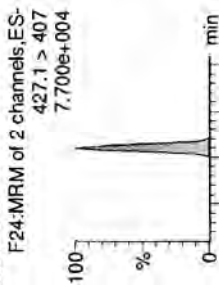


Dataset: F:\Projects\PFAS.PRO\Results\180525M1\180525M1-ICV.qld

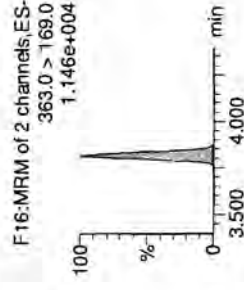
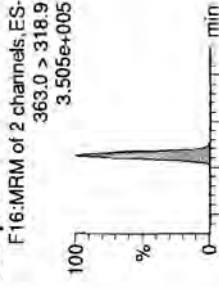
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Name: 180525M1_13, Date: 25-May-2018, Time: 16:58:44, ID: ICV180525M1-1 PFC 537 ICV 18E1401, Description: PFC ICV 18E1401

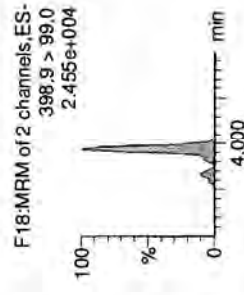
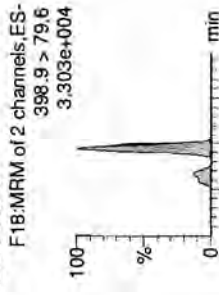
6:2 FTS



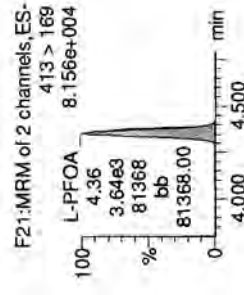
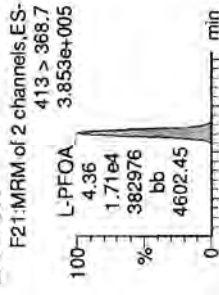
PFHpA



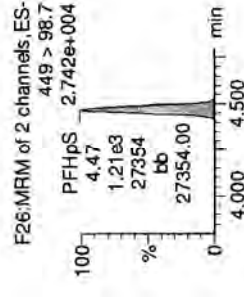
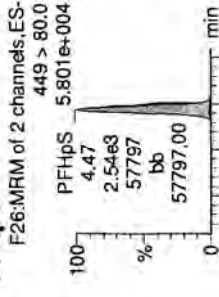
L-PFHxS



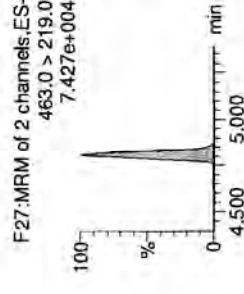
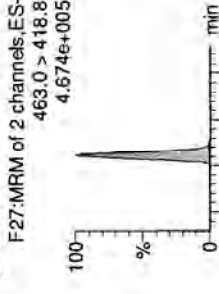
L-PFOA



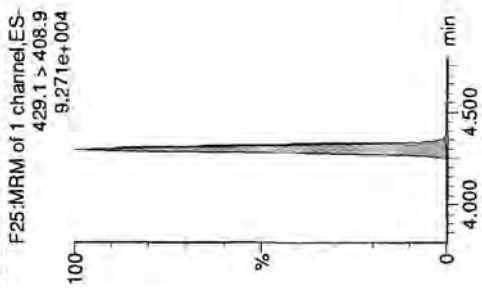
PFHpS



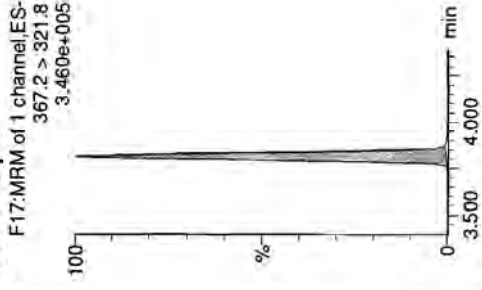
PFNA



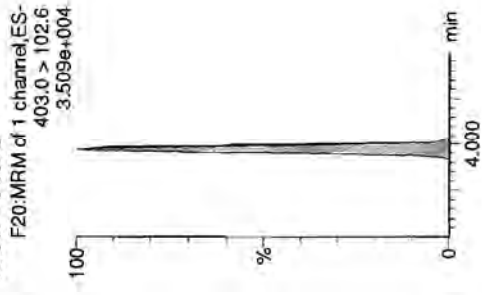
13C2-6:2 FTS



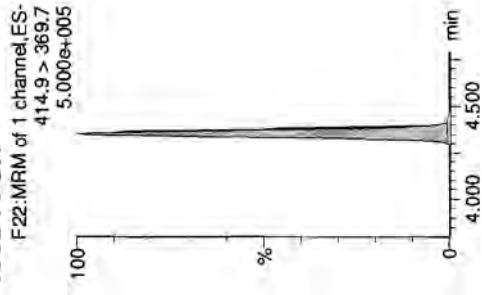
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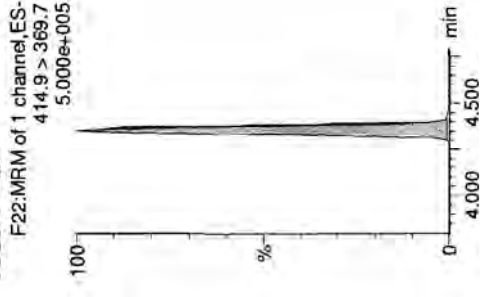
18O2-PFHxS



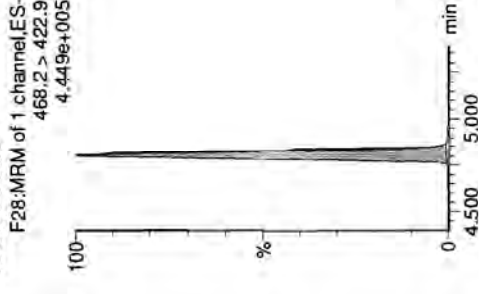
13C2-PFOA



13C2-PFOA



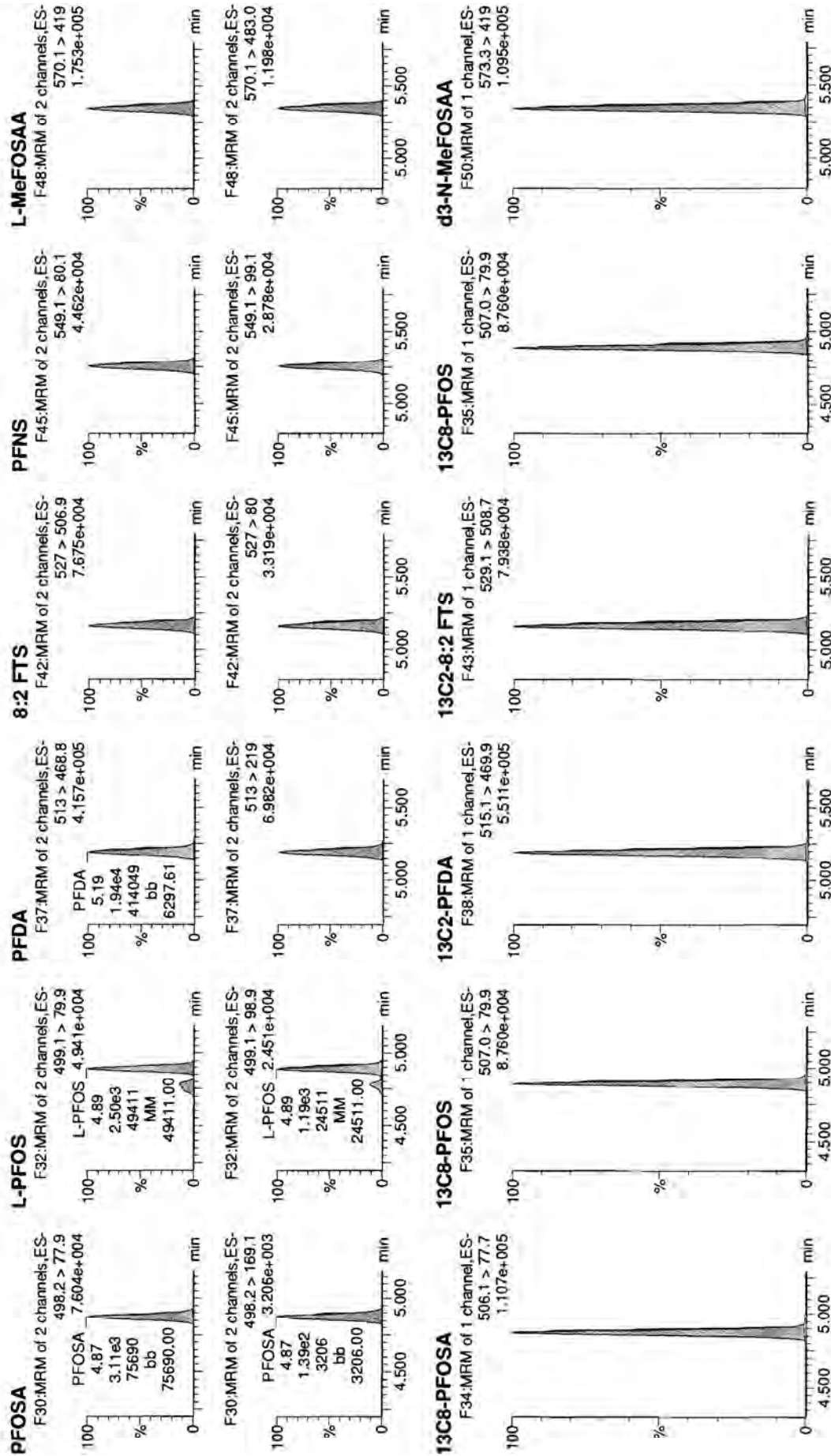
13C5-PFNA



Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-ICV.qld

Last Altered: Saturday, May 26, 2018 15:34:09 Pacific Daylight Time
Printed: Saturday, May 26, 2018 15:34:34 Pacific Daylight Time

Name: 180525M1_13, Date: 25-May-2018, Time: 16:58:44, ID: ICV180525M1-1 PFC 537 ICV 18E1401, Description: PFC ICV 18E1401



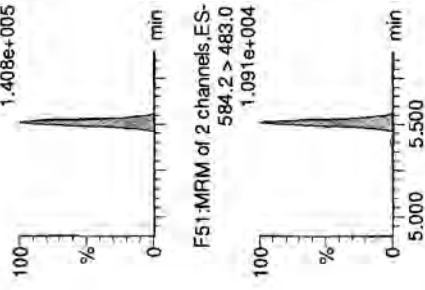
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Last Altered: Saturday, May 26, 2018 15:34:09 Pacific Daylight Time
Printed: Saturday, May 26, 2018 15:34:34 Pacific Daylight Time

Name: 180525M1_13, Date: 25-May-2018, Time: 16:58:44, ID: ICV180525M1-1 PFC 537 ICV 18E1401, Description: PFC ICV 18E1401

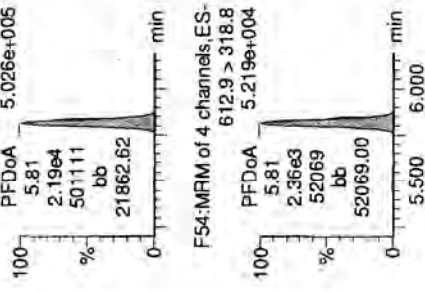
L-EiFOSAA

F51:MRM of 2 channels, ES-
584.2 > 419
1.408e+005



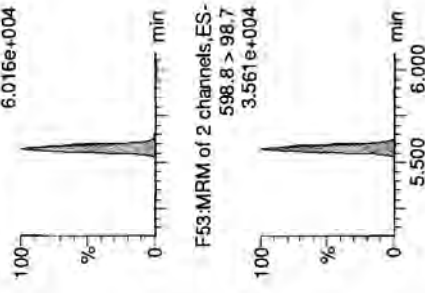
PFDoA

F54:MRM of 4 channels, ES-
612.9 > 569.0
5.026e+005



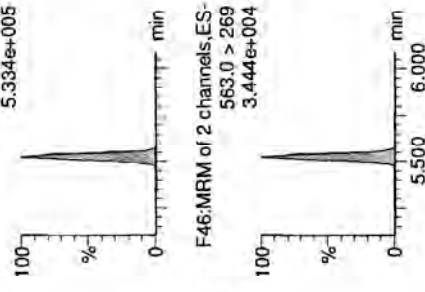
PFDS

F53:MRM of 2 channels, ES-
598.8 > 80
6.016e+004



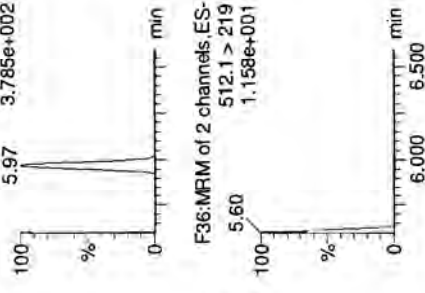
PFUdA

F46:MRM of 2 channels, ES-
563.0 > 518.9
5.334e+005



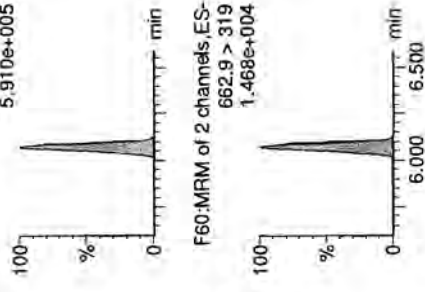
N-MeFOSA

F36:MRM of 2 channels, ES-
512.1 > 168.9
3.785e+002



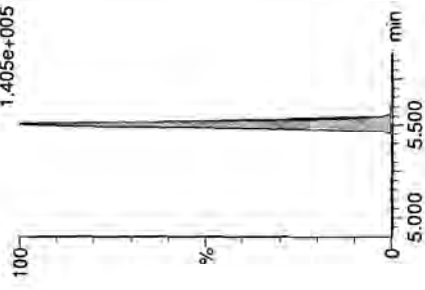
PFTrDA

F60:MRM of 2 channels, ES-
662.9 > 618.9
5.910e+005



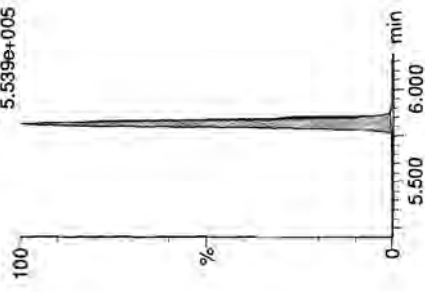
d5-N-EiFOSAA

F52:MRM of 1 channel, ES-
589.3 > 419
1.405e+005



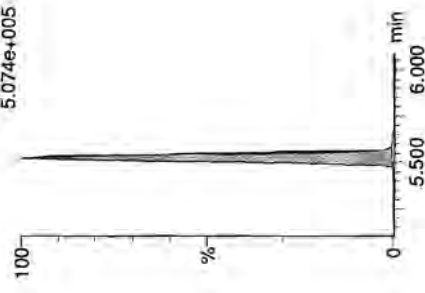
13C2-PFDoA

F55:MRM of 2 channels, ES-
615.0 > 569.7
5.539e+005



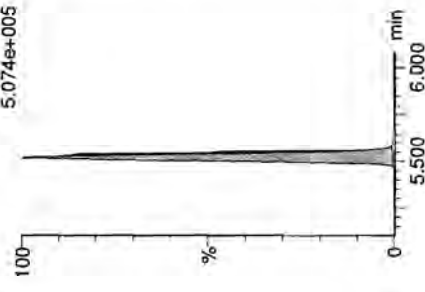
13C2-PFUdA

F47:MRM of 1 channel, ES-
565 > 519.8
5.074e+005



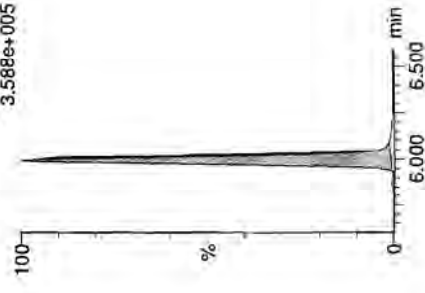
13C2-PFUDa

F47:MRM of 1 channel, ES-
565 > 519.8
5.074e+005



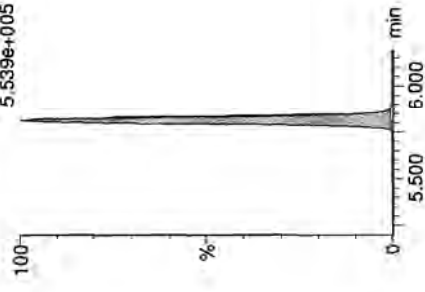
d3-N-MeFOSA

F39:MRM of 1 channel, ES-
515.2 > 168.9
3.588e+005



13C2-PFDoA

F55:MRM of 2 channels, ES-
615.0 > 569.7
5.539e+005

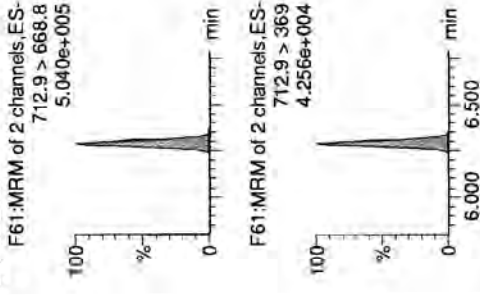


Dataset: F:\Projects\PFAS.PRO\Results\180525M1\180525M1-ICV.qld

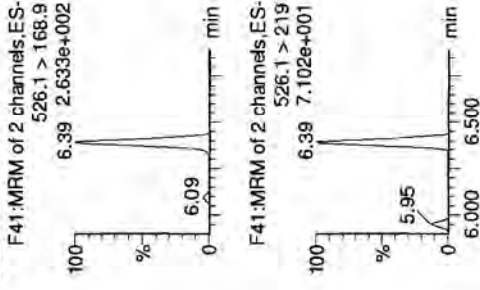
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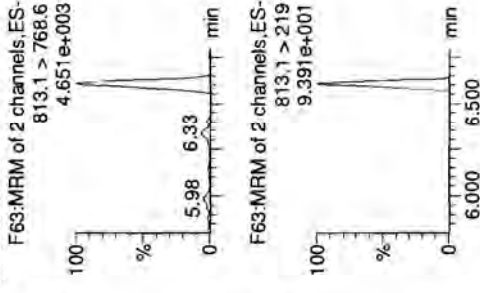
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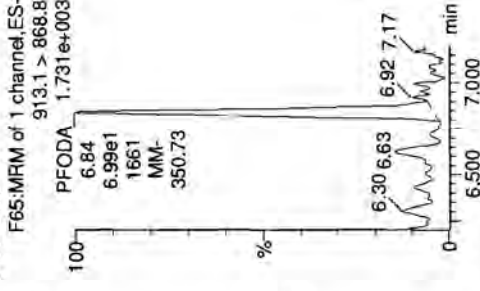
N-EtFOSA



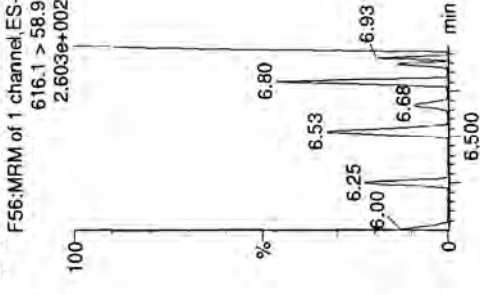
PFHxDa



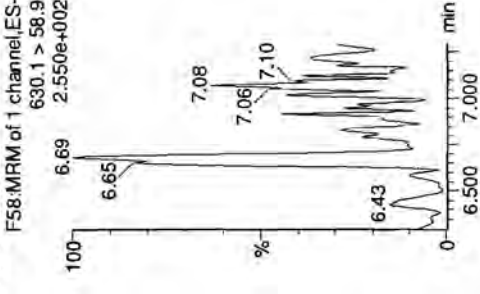
PFODA



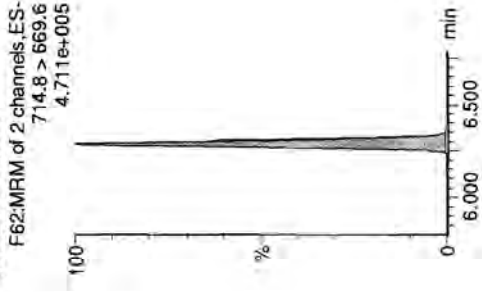
N-MeFOSE



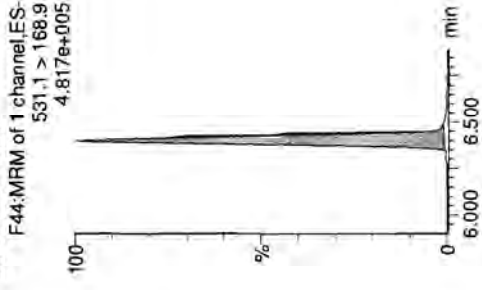
N-EtFOSE



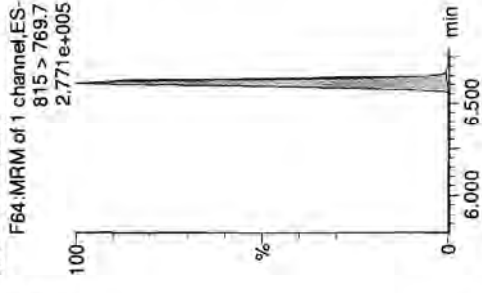
13C2-PFTeDA



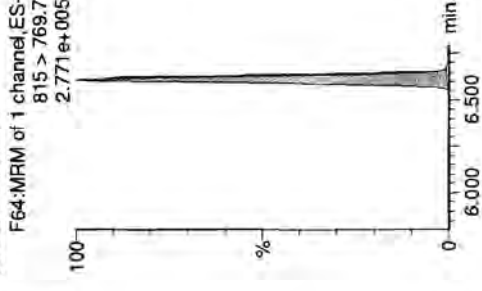
d5-N-EtFOSA



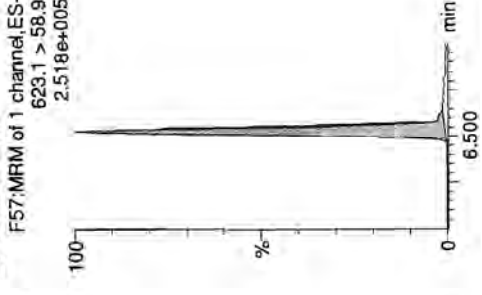
13C2-PFHxDa



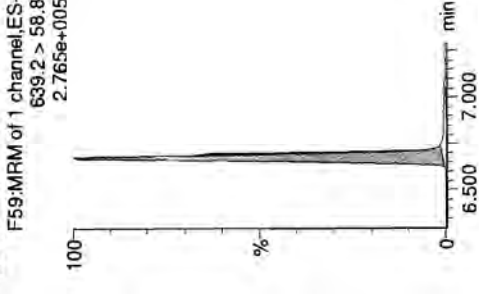
13C2-PFHxDa



d7-N-MeFOSE



d9-N-EtFOSE



Dataset: F:\Projects\PFAS.PRO\Results\180525M1\18025M1-ICV.qld

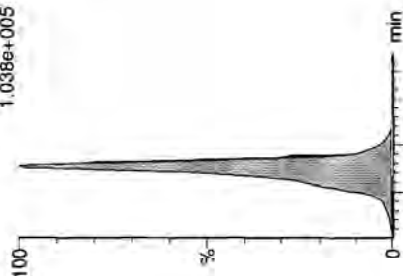
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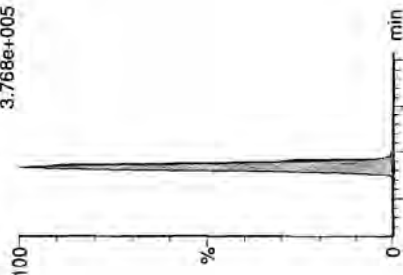
13C4-PFBA

F4:MRM of 1 channel,ES-
217. > 171.8
1.038e+005



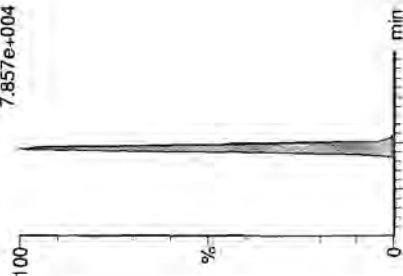
13C5-PFHxA

F11:MRM of 1 channel,ES-
318 > 272.9
3.768e+005



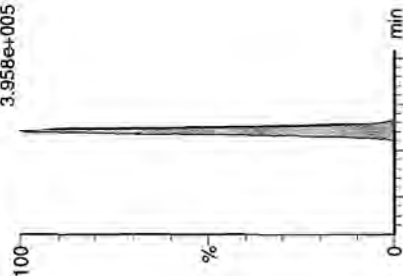
13C3-PFHxS

F19:MRM of 1 channel,ES-
401.9 > 79.9
7.857e+004



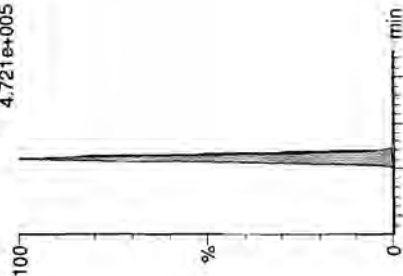
13C8-PFOA

F23:MRM of 1 channel,ES-
421.3 > 376
3.958e+005



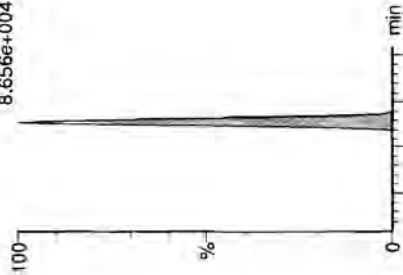
13C9-PFNA

F29:MRM of 1 channel,ES-
472.2 > 426.9
4.721e+005



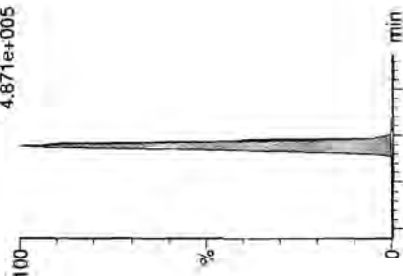
13C4-PFOS

F33:MRM of 1 channel,ES-
503 > 79.9
8.656e+004



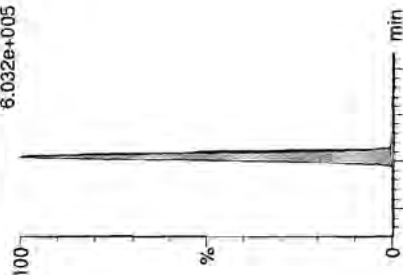
13C6-PFDA

F40:MRM of 1 channel,ES-
519.1 > 473.7
4.871e+005



13C7-PFUDa

F49:MRM of 1 channel,ES-
570.1 > 524.8
8.032e+005

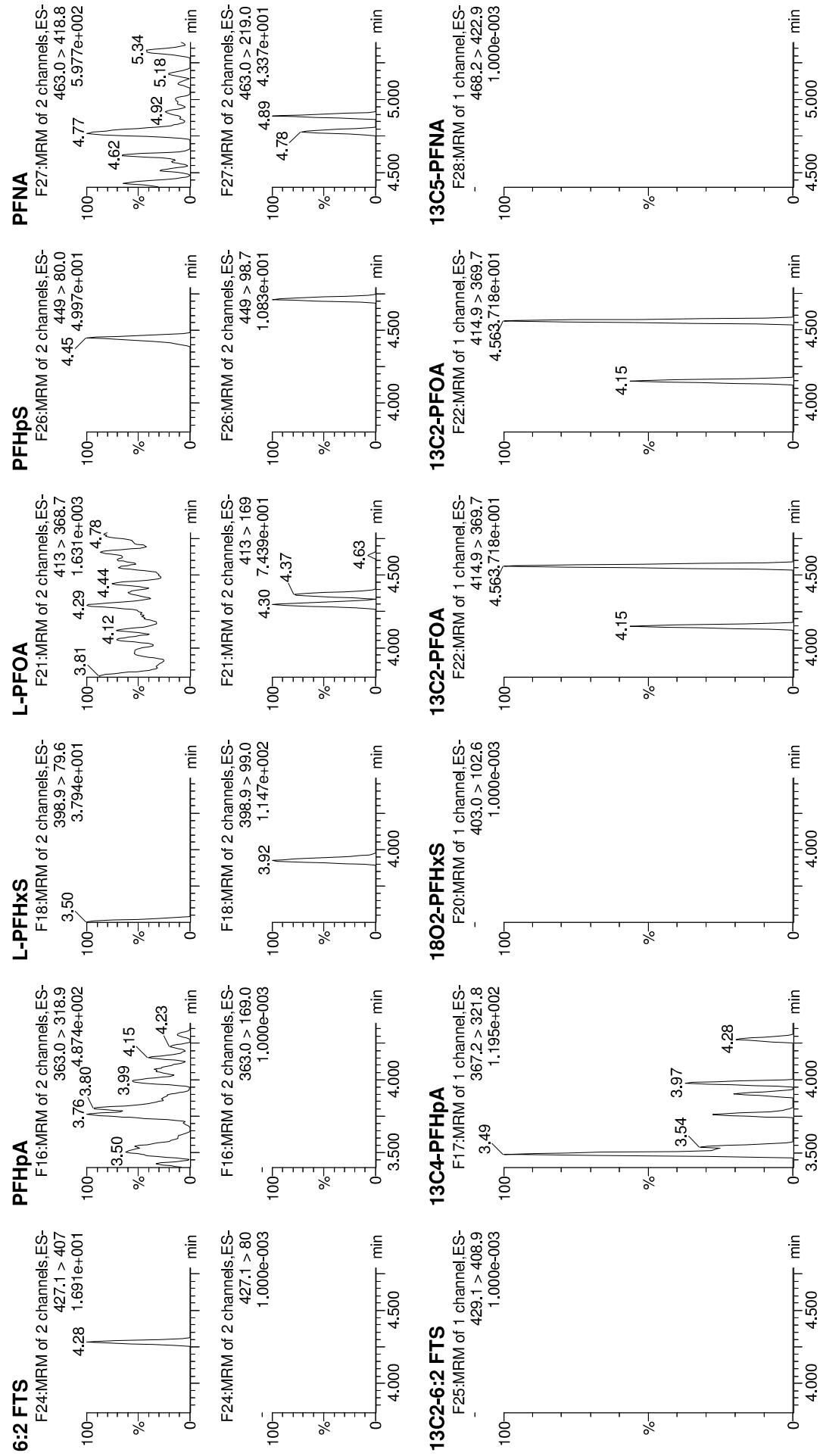


Vista Analytical Laboratory

Dataset: Untitled

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Printed: Saturday, May 26, 2018 14:48:10 Pacific Daylight Time

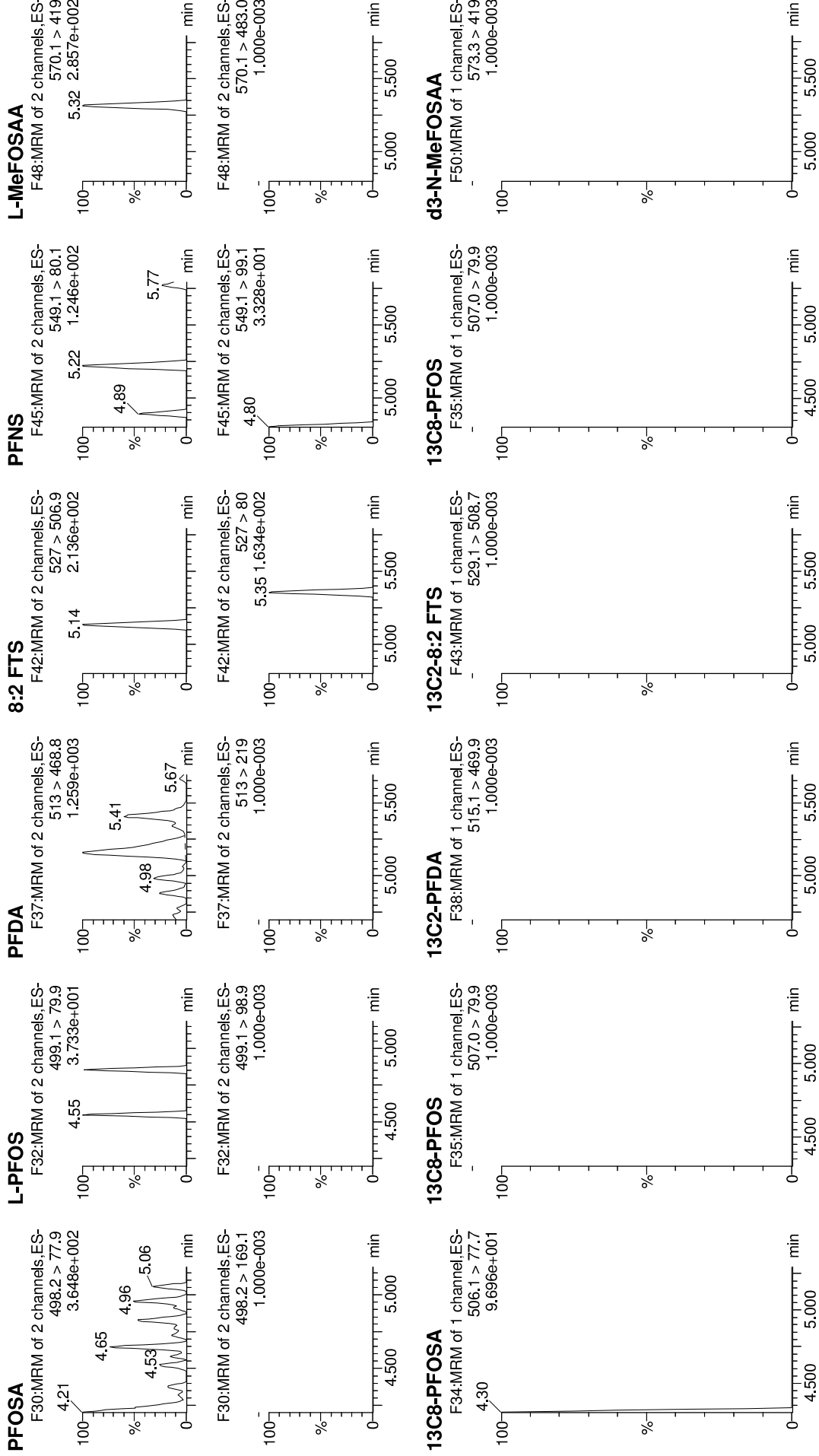
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Dataset: Untitled

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Printed: Saturday, May 26, 2018 14:48:10 Pacific Daylight Time

Name: 180525M1_12, Date: 25-May-2018, Time: 16:47:21, ID: IPA, Description: IPA



Inst M, Q4

Mass Calibration - 20180525
5/25/18

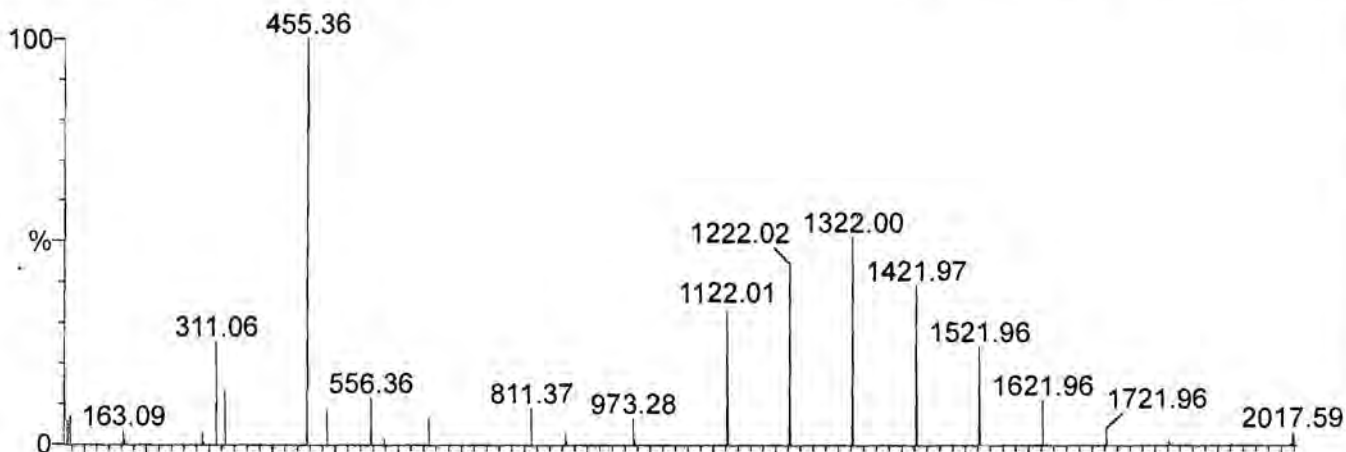
Calibration Report - MS1 Static

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Printed: Fri May 25 13:53:13 2018

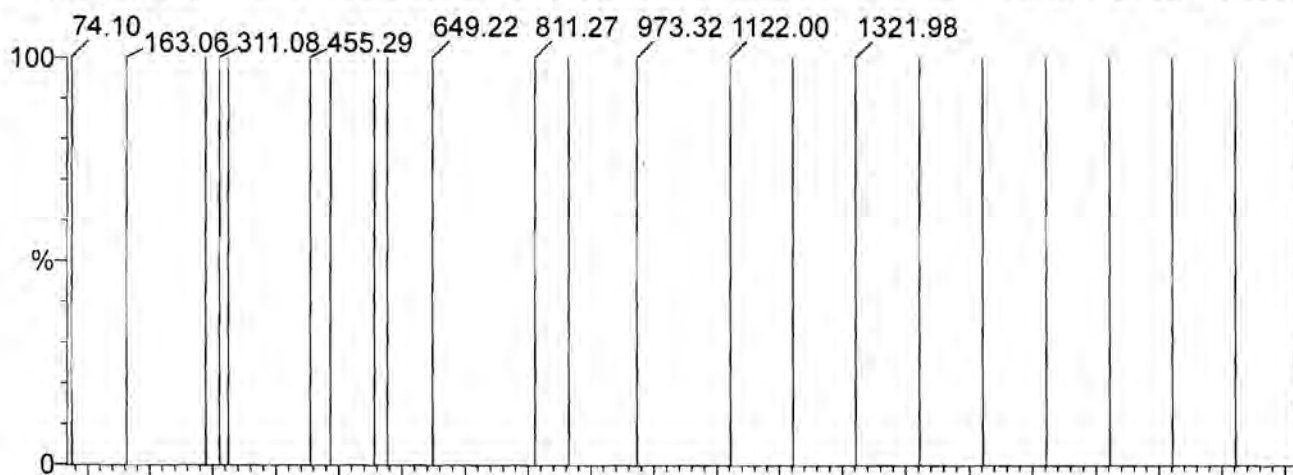
Data file: STATMS1 - Calibrated

22 matches of 23 tested references



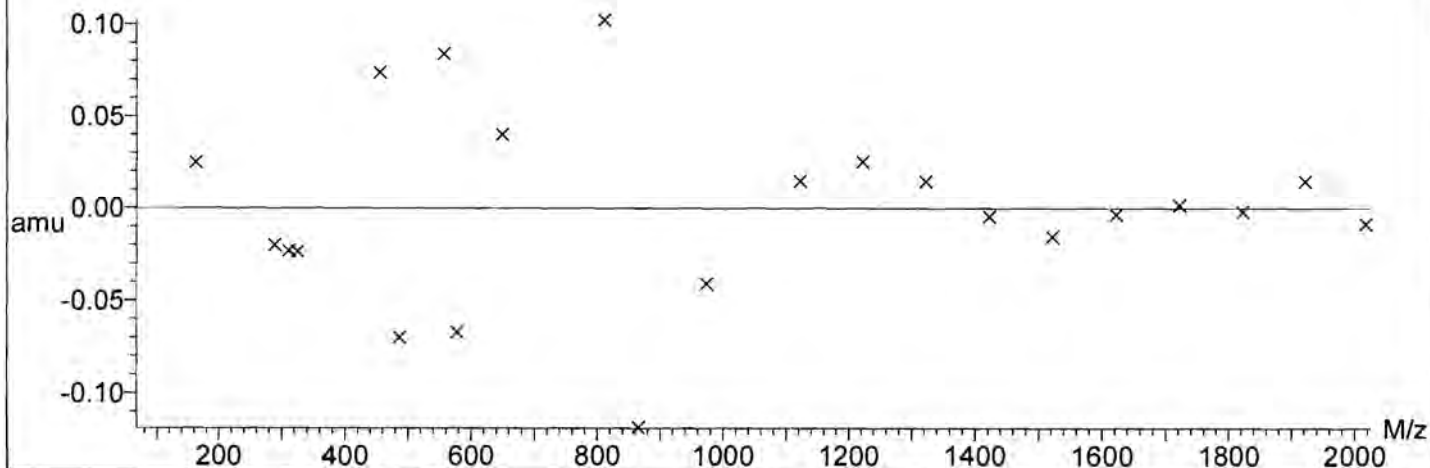
Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

Mean residual = 0.0361 amu



Residual Polynomial order = 4

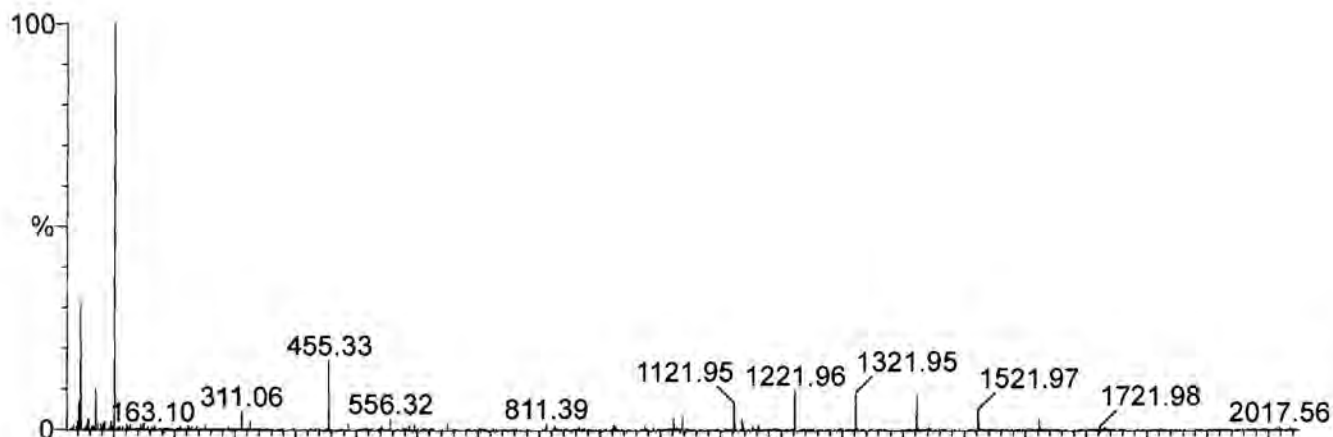
RMS residual = 0.0493 amu



Printed: Fri May 25 13:54:22 2018

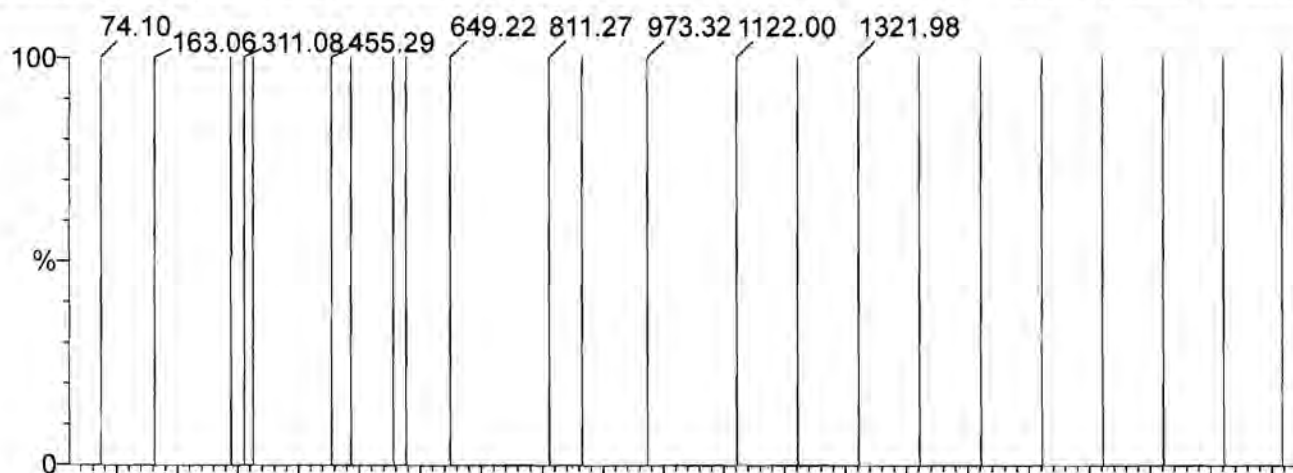
Data file: SCNMS1 - Calibrated

22 matches of 23 tested references



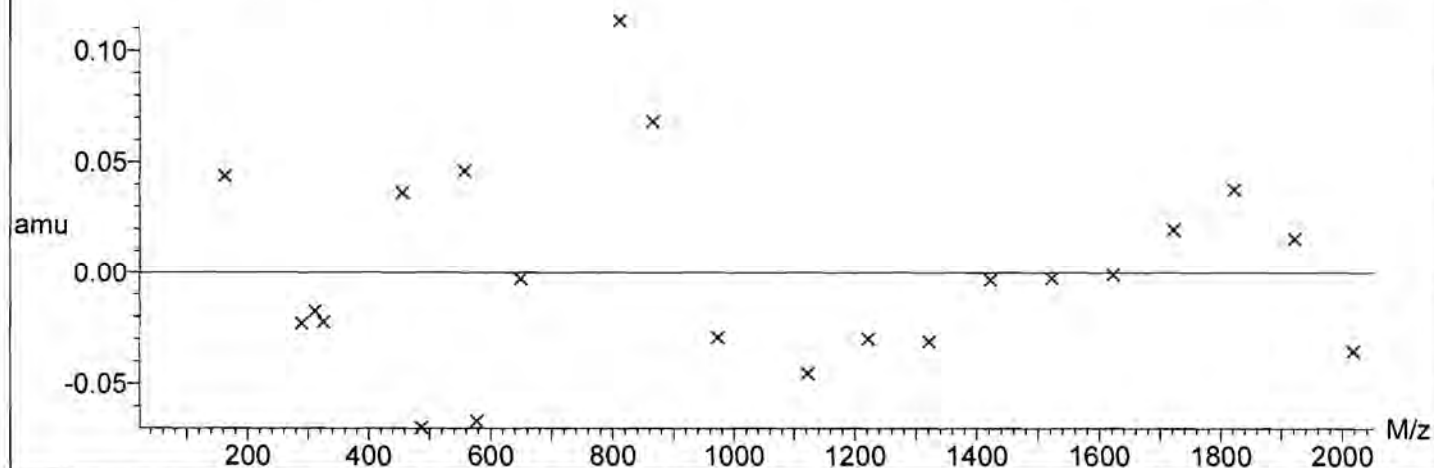
Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

Mean residual = 0.0346 amu



Residual Polynomial order = 4

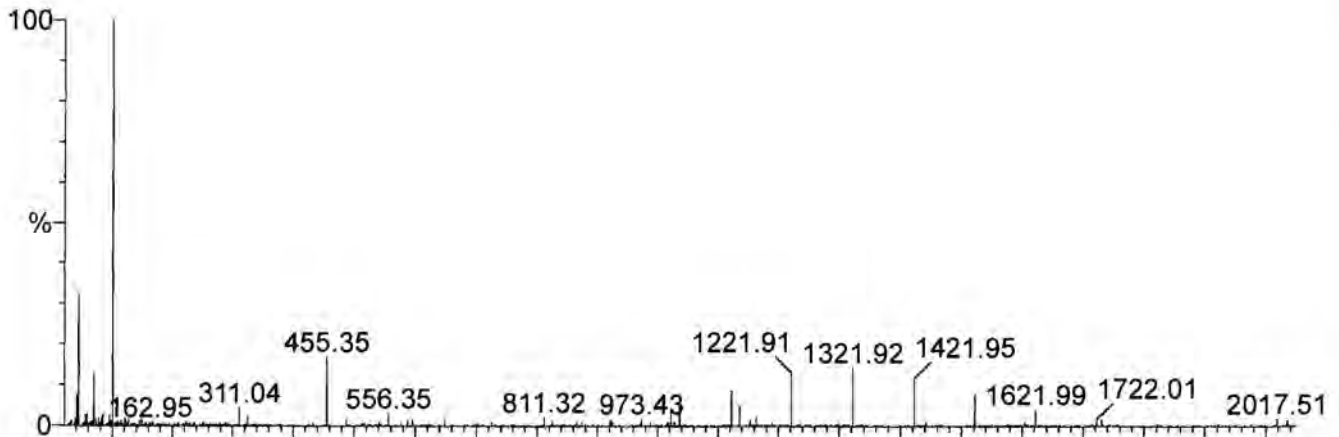
RMS residual = 0.0435 amu



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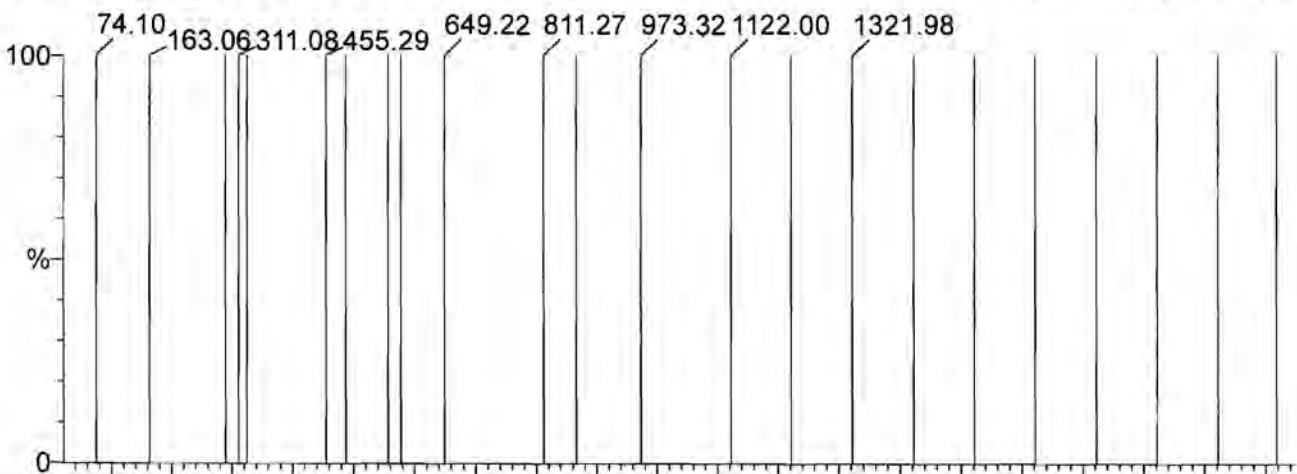
Data file: FASTMS1 - Calibrated

23 matches of 23 tested references



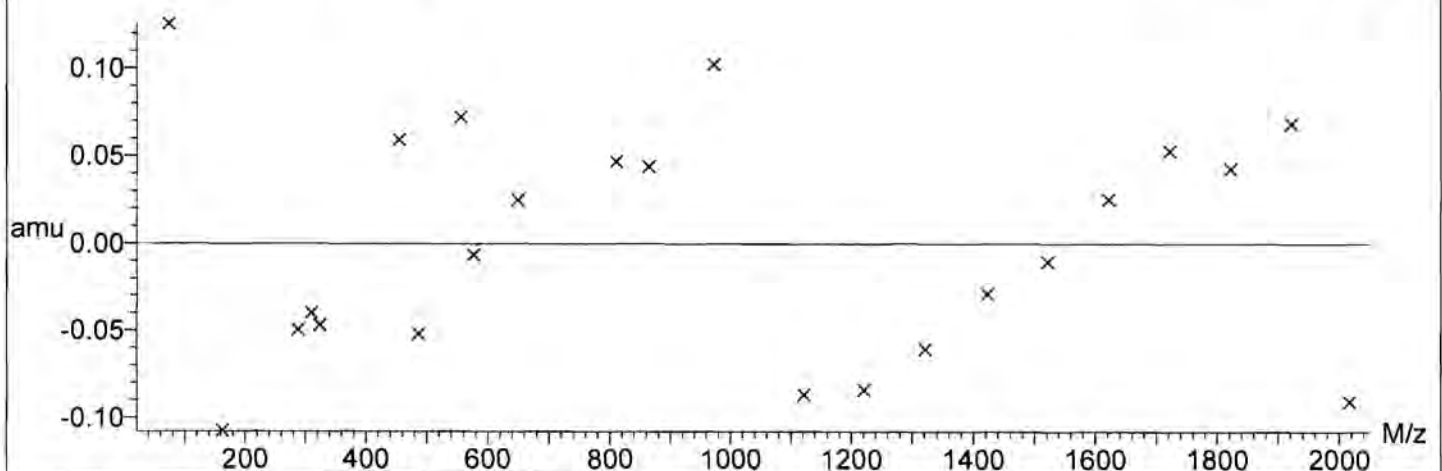
Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

Mean residual = 0.0577 amu

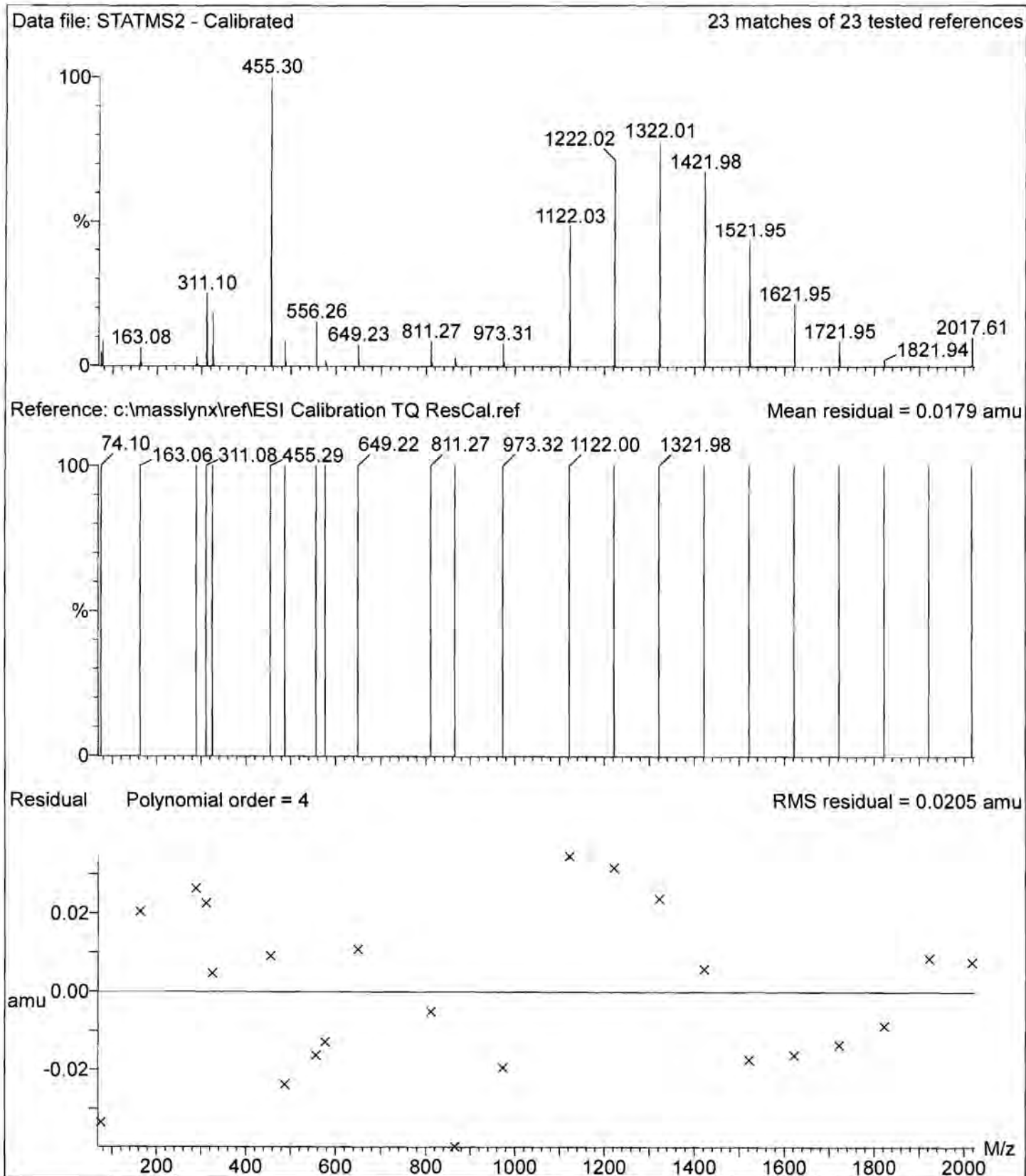


Residual Polynomial order = 4

RMS residual = 0.0651 amu



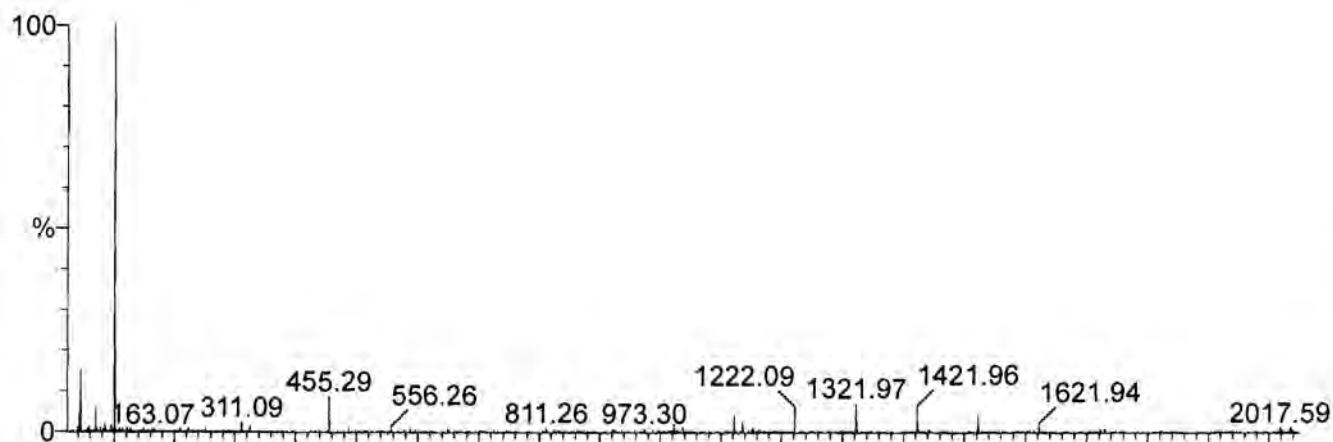
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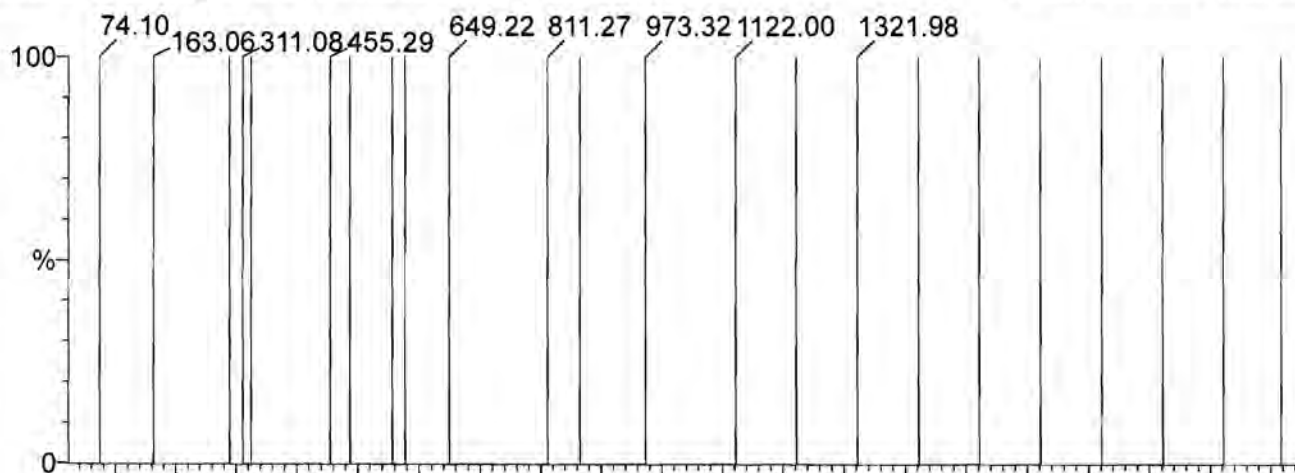
Data file: SCNMS2 - Calibrated

23 matches of 23 tested references



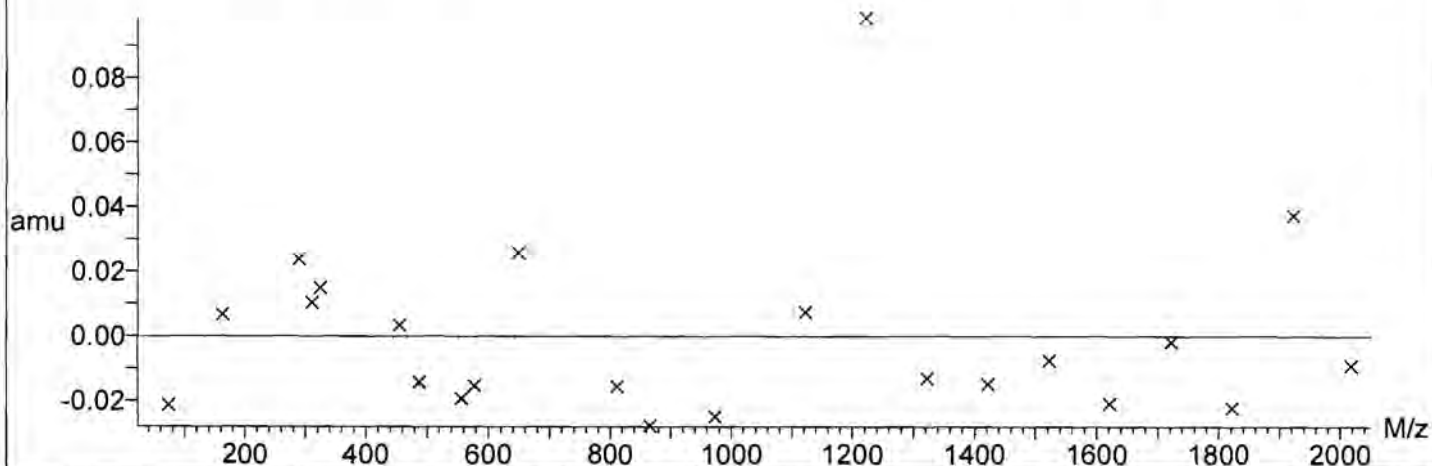
Reference: c:\masslynx\ref\ESI Calibration TQ ResCal.ref

Mean residual = 0.0198 amu



Residual Polynomial order = 4

RMS residual = 0.0273 amu

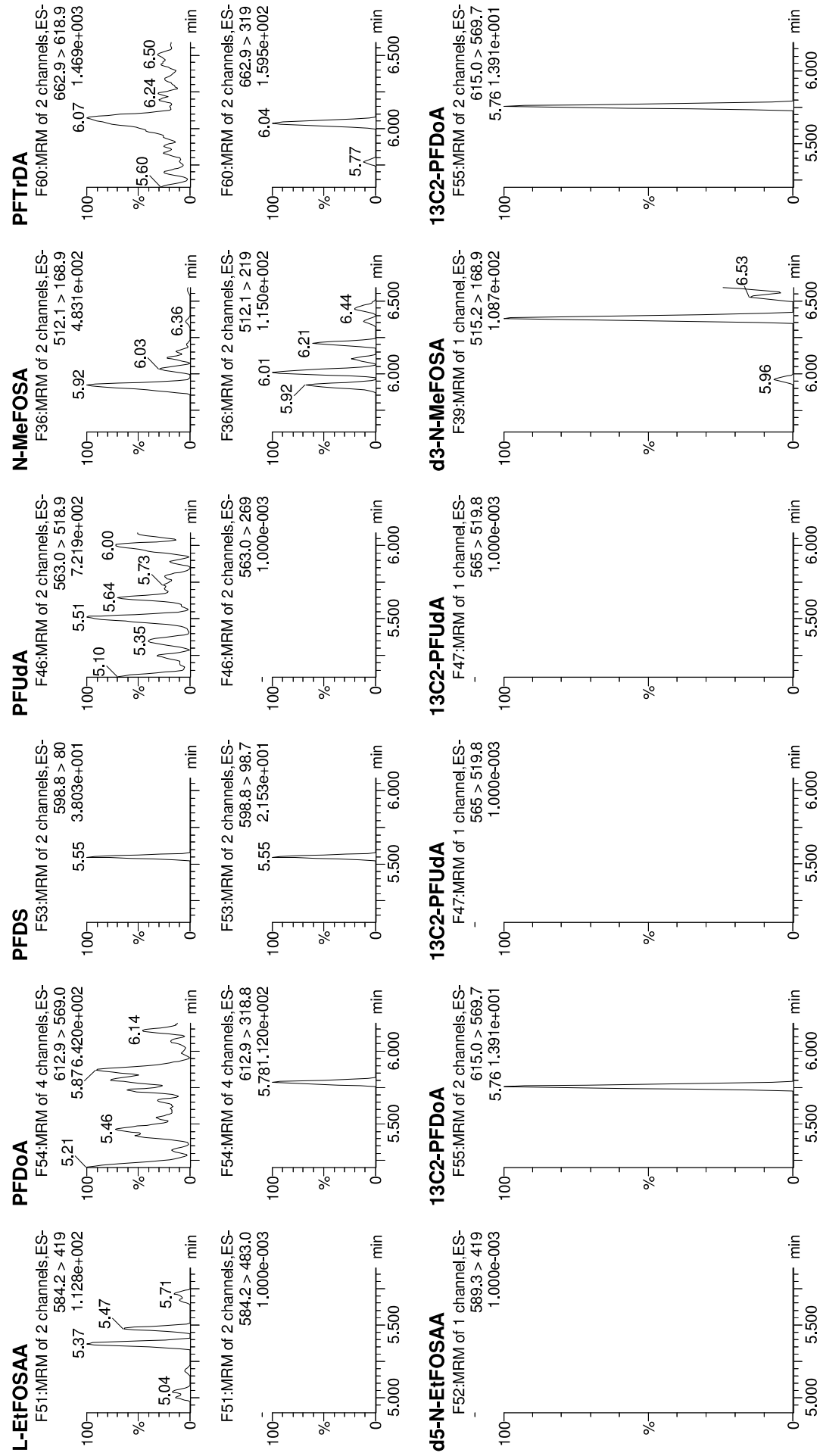


Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Saturday, May 26, 2018 14:47:37 Pacific Daylight Time
Printed: Saturday, May 26, 2018 14:48:10 Pacific Daylight Time

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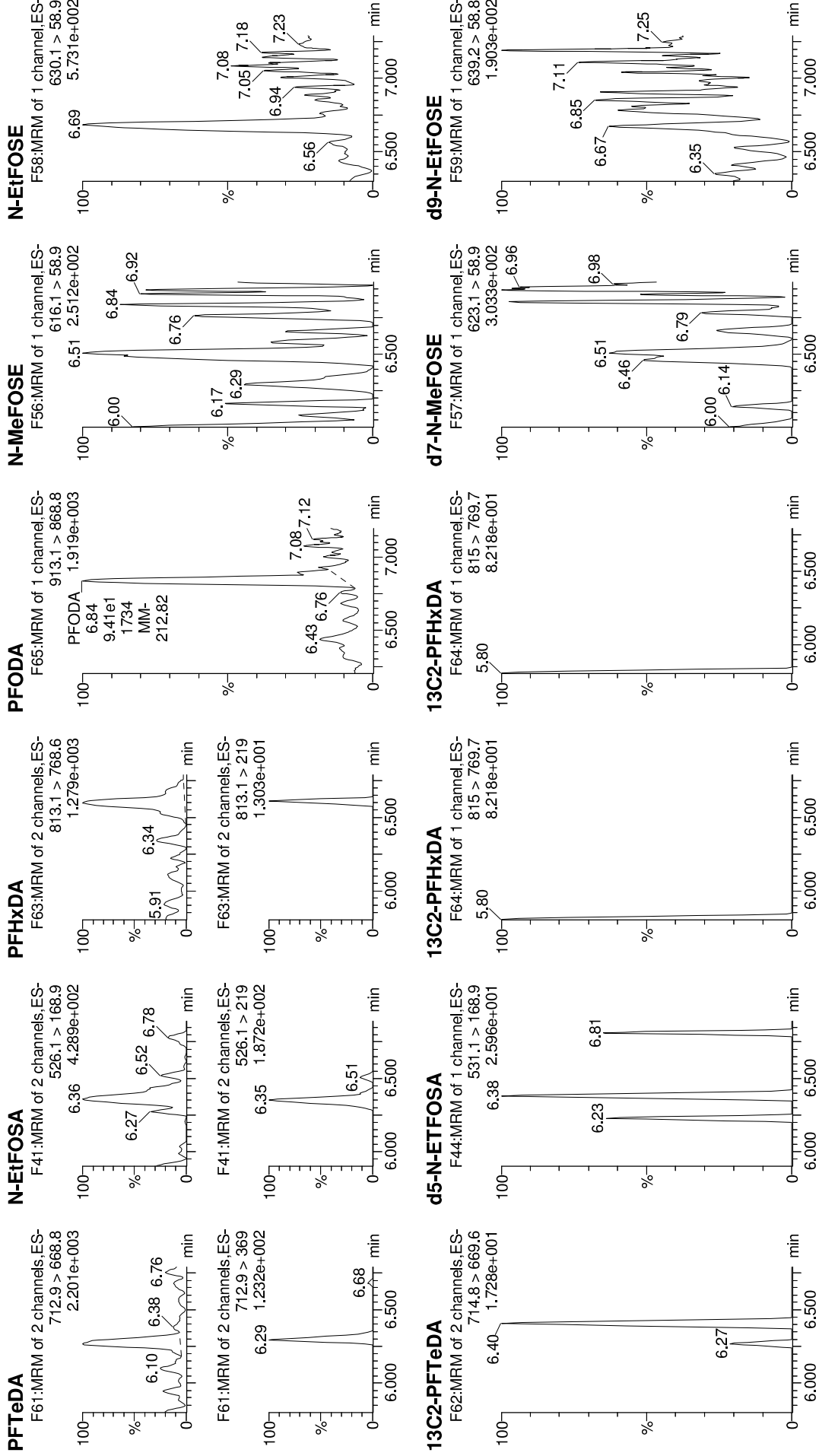


Vista Analytical Laboratory

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Vista Analytical Laboratory

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