



**Groundwater Sample Results,
Level 2 Laboratory Report, Level 4 Laboratory Report,
Electronic Data Deliverable, Data Validation Report,
and the Sample Location Report, SDG 1701852**

*Norfolk Naval Shipyard
Portsmouth, Virginia*

July 2019

January 17, 2018

Vista Work Order No. 1701852

Ms. Megan Morrison
CH2M Hill
33 Reading Hill Avenue
Melrose, MA 02176

Dear Ms. Morrison,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on December 05, 2017. This sample set was analyzed on a standard turn-around time, under your Project Name 'WE58, OU7 NNSY / 434634'.

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,



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. 1701852

Case Narrative

Sample Condition on Receipt:

Three groundwater 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:

Modified EPA Method 537

The samples contained particulate and were centrifuged prior to extraction.

The samples were extracted and analyzed for a selected list of PFAS using Modified EPA Method 537.

Holding Times

The samples were extracted within the method hold times. The Method Blank and OPR were analyzed within the hold time; however, due to laboratory error the sample extracts were analyzed outside of the hold time.

Quality Control

The Initial Calibration Verifications met the method acceptance criteria. The recovery of PFDOA was >130% in one Continuing Calibration Verification; this analyte was not detected in the associated samples.

A Method Blank and Ongoing Precision and Recovery (OPR) sample were extracted and analyzed with the preparation batch. No analytes were detected in the Method Blank above 1/2 the LOQ. The recovery of PFDoA was 149% in the OPR; this analyte was not detected in the samples. All other recoveries were within the method acceptance criteria

The extract of sample "IR03-MW018B-C1-17D" was re-injected because it followed an extract with an analyte with a concentration greater than the highest point in the calibration curve. The results from the re-injection have been reported.

The results for PFOA and PFOS in samples "IR03-MW018B-C1-17D" and "IR03-MW018A-C2-17D", respectively, are flagged with an "E" to indicate that the concentrations are above the highest level of the calibration curve. It was not possible to dilute the extracts sufficiently to bring the results into the curve range.

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

QC Anomalies

LabNumber	SampleName	Analysis	Analyte	Flag	%Rec
1701852-02	IR03-MW018B-C1-17D	Modified EPA Method 537	18O2-PFHxS	H	48.9
1701852-03	IR03-MW018A-C2-17D	Modified EPA Method 537	18O2-PFHxS	H	40.8
B7L0064-BS1	B7L0064-BS1	Modified EPA Method 537	13C2-PFUnA	H	48.1
B7L0064-BS1	B7L0064-BS1	Modified EPA Method 537	13C2-PFDoA	H	42.9

H = Recovery was outside laboratory acceptance criteria.

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Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
1701852-01	IR03-MW034-C2-17D	28-Nov-17 11:20	05-Dec-17 11:15	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
1701852-02	IR03-MW018B-C1-17D	28-Nov-17 10:35	05-Dec-17 11:15	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
1701852-03	IR03-MW018A-C2-17D	28-Nov-17 12:15	05-Dec-17 11:15	HDPE Bottle, 250 mL HDPE Bottle, 250 mL

ANALYTICAL RESULTS

Sample ID: Method Blank **Modified EPA Method 537**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Aqueous	Lab Sample:	B7L0064-BLK1	Column:	BEH C18
Project:	WE58, OU7 NNSY / 434634						

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	0.895	2.50	4.00		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
PFHxA	ND	1.09	2.50	4.00		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
PFHpA	ND	0.296	2.50	4.00		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
PFHxS	ND	0.474	2.50	4.00		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
PFOA	ND	0.326	2.50	4.00		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
PFOS	ND	0.404	2.50	4.00		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
PFNA	ND	0.405	2.50	4.00		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
PFDA	ND	0.745	2.50	4.00		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
MeFOSAA	ND	0.825	2.50	4.00		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
PFUnA	ND	0.525	2.50	4.00		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
EtFOSAA	ND	0.685	2.50	4.00		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
PFDoA	ND	0.396	2.50	4.00		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
PFTrDA	ND	0.247	2.50	4.00		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
PFTeDA	ND	0.378	2.50	4.00		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	97.1	50 - 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
13C2-PFHxA	IS	84.5	50 - 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
13C4-PFHpA	IS	95.8	50 - 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
18O2-PFHxS	IS	113	50 - 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
13C2-PFOA	IS	84.3	50 - 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
13C8-PFOS	IS	123	50 - 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
13C5-PFNA	IS	95.9	50 - 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
13C2-PFDA	IS	75.2	50 - 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
d3-MeFOSAA	IS	87.4	50 - 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
13C2-PFUnA	IS	82.0	50 - 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
d5-EtFOSAA	IS	94.6	50 - 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
13C2-PFDoA	IS	77.7	50 - 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
13C2-PFTeDA	IS	107	50 - 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	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.

Sample ID: OPR

Modified EPA Method 537

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Aqueous	Lab Sample:	B7L0064-BS1	Column:	BEH C18
Project:	WE58, OU7 NNSY / 434634						

Analyte	Amt Found (ng/L)	Spike Amt	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	44.5	40.0	111	70-130		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
PFHxA	39.9	40.0	99.7	70-130		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
PFHpA	41.1	40.0	103	70-130		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
PFHxS	38.6	40.0	96.5	70-130		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
PFOA	36.6	40.0	91.6	70-130		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
PFOS	36.0	40.0	89.9	70-130		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
PFNA	42.6	40.0	107	70-130		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
PFDA	42.6	40.0	106	70-130		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
MeFOSAA	32.1	40.0	80.3	70-130		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
PFUnA	43.1	40.0	108	70-130		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
EtFOSAA	36.9	40.0	92.3	70-130		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
PFDoA	59.7	40.0	149	70-130	H	B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
PFTTrDA	26.1	40.0	65.3	60-130		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
PFTeDA	33.6	40.0	84.0	70-130		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1

Labeled Standards	Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	95.3	50- 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
13C2-PFHxA	IS	95.5	50- 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
13C4-PFHpA	IS	90.6	50- 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
18O2-PFHxS	IS	87.9	50- 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
13C2-PFOA	IS	80.9	50- 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
13C8-PFOS	IS	86.3	50- 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
13C5-PFNA	IS	84.1	50- 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
13C2-PFDA	IS	101	50- 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
d3-MeFOSAA	IS	61.8	50- 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
13C2-PFUnA	IS	48.1	50- 150	H	B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
d5-EtFOSAA	IS	54.7	50- 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
13C2-PFDoA	IS	42.9	50- 150	H	B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
13C2-PFTeDA	IS	69.4	50- 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1

Sample ID: IR03-MW034-C2-17D

Modified EPA Method 537

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Groundwater	Lab Sample:	1701852-01	Column:	BEH C18
Project:	WE58, OU7 NNSY / 434634	Date Collected:	28-Nov-17 11:20	Date Received:	05-Dec-17 11:15		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	803	0.840	2.35	3.75		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1
PFHxA	2400	20.5	47.0	75.1	D	B7L0064	11-Dec-17	0.266 L	16-Jan-18 12:11	20
PFHpA	473	0.277	2.35	3.75		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1
PFHxS	4550	8.89	47.0	75.1	D	B7L0064	11-Dec-17	0.266 L	16-Jan-18 12:11	20
PFOA	6370	6.11	47.0	75.1	D	B7L0064	11-Dec-17	0.266 L	16-Jan-18 12:11	20
PFOS	5700	7.57	47.0	75.1	D	B7L0064	11-Dec-17	0.266 L	16-Jan-18 12:11	20
PFNA	34.4	0.380	2.35	3.75		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1
PFDA	ND	0.699	2.35	3.75		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1
MeFOSAA	ND	0.774	2.35	3.75		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1
PFUnA	ND	0.493	2.35	3.75		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1
EtFOSAA	ND	0.643	2.35	3.75		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1
PFDoA	ND	0.372	2.35	3.75		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1
PFTrDA	ND	0.232	2.35	3.75		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1
PFTeDA	ND	0.354	2.35	3.75		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	139	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1
13C2-PFHxA	IS	120	50 - 150	D	B7L0064	11-Dec-17	0.266 L	16-Jan-18 12:11	20
13C4-PFHpA	IS	117	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1
18O2-PFHxS	IS	129	50 - 150	D	B7L0064	11-Dec-17	0.266 L	16-Jan-18 12:11	20
13C2-PFOA	IS	107	50 - 150	D	B7L0064	11-Dec-17	0.266 L	16-Jan-18 12:11	20
13C8-PFOS	IS	137	50 - 150	D	B7L0064	11-Dec-17	0.266 L	16-Jan-18 12:11	20
13C5-PFNA	IS	85.2	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1
13C2-PFDA	IS	81.9	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1
d3-MeFOSAA	IS	91.7	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1
13C2-PFUnA	IS	69.9	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1
d5-EtFOSAA	IS	92.3	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1
13C2-PFDoA	IS	89.6	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1
13C2-PFTeDA	IS	93.6	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	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.

Sample ID: IR03-MW018B-C1-17D

Modified EPA Method 537

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Groundwater	Lab Sample:	1701852-02	Column:	BEH C18
Project:	WE58, OU7 NNSY / 434634	Date Collected:	28-Nov-17 10:35	Date Received:	05-Dec-17 11:15		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	109	0.875	2.44	3.91		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
PFHxA	193	1.07	2.44	3.91		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
PFHpA	45.8	0.289	2.44	3.91		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
PFHxS	2350	9.25	48.8	78.2	D	B7L0064	11-Dec-17	0.256 L	16-Jan-18 12:22	20
PFOA	506000	6.36	48.8	78.2	E, D	B7L0064	11-Dec-17	0.256 L	16-Jan-18 12:22	20
PFOS	6910	7.89	48.8	78.2	D	B7L0064	11-Dec-17	0.256 L	16-Jan-18 12:22	20
PFNA	14.3	0.396	2.44	3.91		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
PFDA	2.30	0.728	2.44	3.91	J	B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
MeFOSAA	ND	0.806	2.44	3.91		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
PFUnA	ND	0.513	2.44	3.91		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
EtFOSAA	ND	0.669	2.44	3.91		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
PFDoA	ND	0.387	2.44	3.91		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
PFTrDA	ND	0.241	2.44	3.91		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
PFTeDA	ND	0.369	2.44	3.91		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	120	50 - 150		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
13C2-PFHxA	IS	111	50 - 150		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
13C4-PFHpA	IS	110	50 - 150		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
18O2-PFHxS	IS	48.9	50 - 150	D, H	B7L0064	11-Dec-17	0.256 L	16-Jan-18 12:22	20
13C2-PFOA	IS	77.8	50 - 150	D	B7L0064	11-Dec-17	0.256 L	16-Jan-18 12:22	20
13C8-PFOS	IS	108	50 - 150	D	B7L0064	11-Dec-17	0.256 L	16-Jan-18 12:22	20
13C5-PFNA	IS	109	50 - 150		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
13C2-PFDA	IS	106	50 - 150		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
d3-MeFOSAA	IS	93.0	50 - 150		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
13C2-PFUnA	IS	75.5	50 - 150		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
d5-EtFOSAA	IS	92.9	50 - 150		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
13C2-PFDoA	IS	55.6	50 - 150		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
13C2-PFTeDA	IS	60.2	50 - 150		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	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.

Sample ID: IR03-MW018A-C2-17D

Modified EPA Method 537

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Groundwater	Lab Sample:	1701852-03	Column:	BEH C18
Project:	WE58, OU7 NNSY / 434634	Date Collected:	28-Nov-17 12:15	Date Received:	05-Dec-17 11:15		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	329	0.841	2.35	3.76		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
PFHxA	663	1.02	2.35	3.76		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
PFHpA	247	0.278	2.35	3.76		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
PFHxS	6600	17.8	94.0	150	D	B7L0064	11-Dec-17	0.266 L	16-Jan-18 12:34	40
PFOA	565	0.306	2.35	3.76		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
PFOS	24400	15.2	94.0	150	E, D	B7L0064	11-Dec-17	0.266 L	16-Jan-18 12:34	40
PFNA	46.5	0.381	2.35	3.76		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
PFDA	2.28	0.700	2.35	3.76	J	B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
MeFOSAA	ND	0.775	2.35	3.76		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
PFOxA	ND	0.493	2.35	3.76		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
EtFOSAA	ND	0.644	2.35	3.76		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
PFOxA	ND	0.372	2.35	3.76		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
PFOxA	ND	0.232	2.35	3.76		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
PFOxA	ND	0.355	2.35	3.76		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	128	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
13C2-PFHxA	IS	113	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
13C4-PFHpA	IS	120	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
18O2-PFHxS	IS	40.8	50 - 150	D, H	B7L0064	11-Dec-17	0.266 L	16-Jan-18 12:34	40
13C2-PFOA	IS	101	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
13C8-PFOS	IS	51.4	50 - 150	D	B7L0064	11-Dec-17	0.266 L	16-Jan-18 12:34	40
13C5-PFNA	IS	93.9	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
13C2-PFDA	IS	119	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
d3-MeFOSAA	IS	93.7	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
13C2-PFOxA	IS	84.8	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
d5-EtFOSAA	IS	100	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
13C2-PFOxA	IS	79.7	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
13C2-PFOxA	IS	107	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	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.
D	Dilution
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.
M	Estimated Maximum Possible Concentration. (CA Region 2 projects only)
*	See Cover Letter
Conc.	Concentration
NA	Not applicable
ND	Not Detected
TEQ	Toxic Equivalency
U	Not Detected (specific projects only)

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.

EMPIRICAL LABORATORIES, LLC - CHAIN OF CUSTODY RECORD

36237

SHIP TO: 621 Mainstream Drive, Suite 270 ♦ Nashville, TN 37228 ♦ 877-345-1113 ♦ (fax) 866-417-0548

Send Results to:		Send Invoice to:		Analysis Requirements:						Lab Use Only:				
Name <u>Megan Morrison</u>		Name _____		EPA method 537 modified 1701852 0.4°C PFAS						VOA Headspace Y N NA				
Company <u>CH2M HILL</u>		Company _____								Field Filtered Y N NA				
Address <u>2411 Dulles Corner Park</u>		Address _____								Correct Containers Y N NA				
City <u>Herndon</u>		City _____								Discrepancies Y N NA				
State, Zip <u>VA, 20171</u>		State, Zip _____								Cust. Seals Intact Y N NA				
Phone <u>(757) 403-2506</u>		Phone _____		Containers Intact Y N NA										
Fax _____		Fax _____		Airbill #: _____										
E-mail <u>Megan.Morrison@ch2m.com</u>		E-mail _____		CAR #: _____										
Project No./Name: <u>434634</u> <u>WE58,007 NNSY</u>				Sampler's (Signature): <u>[Signature]</u>										
Lab Use Only Lab #	Date/Time Sampled	Sample Description	Sample Matrix									Comments	No. of Bottles	Lab Use Only Containers/Pres.
	<u>11/23/17</u> <u>1120</u>	<u>IR03-MW034-C2-17D</u>	<u>GW</u>	<u>X</u>									<u>2</u>	
	<u>1035</u>	<u>IR03-MW018B-C1-17D</u>	<u>GW</u>	<u>X</u>									<u>2</u>	
	<u>1215</u>	<u>IR03-MW018A-C2-17D</u>	<u>GW</u>	<u>X</u>									<u>2</u>	
		<u>IR03-MW115-Y-17D</u>	<u>GW</u>											
Sample Kit Prep'd by: (Signature) <u>[Signature]</u>		Date/Time <u>11/28/17</u> <u>1700</u>	Received By: (Signature) <u>[Signature]</u> <u>11/29/17</u> <u>1025</u>		REMARKS:						Details: Page <u>1</u> of <u>1</u> Cooler No. <u>1</u> of <u>1</u> Date Shipped <u>11/28/17</u> Shipped By <u>CP</u> Turnaround _____			
Relinquished by: (Signature) <u>[Signature]</u>		Date/Time <u>12/05/17</u> <u>1110</u>	Received By: (Signature) <u>[Signature]</u> <u>12/05/17</u> <u>1116</u>											
Relinquished by: (Signature)		Date/Time	Received By: (Signature)											
Received for Laboratory by: (Signature)		Date/Time	Temperature											

Distribution: Original and yellow copies accompany sample shipment to laboratory; Pink retained by samplers.

0-7

Sample Log-in Checklist

 Vista Work Order #: 1701852 TAT std

Samples Arrival:	Date/Time: 12/05/17 1115	Initials: BAB	Location: WR-2
			Shelf/Rack: NA
Logged In:	Date/Time: 12/06/17 0903	Initials: BAB	Location: WR-2
			Shelf/Rack: F5
Delivered By:	FedEx	UPS	On Trac
		GSO	DHL
			Hand Delivered
			Other
Preservation:	Ice	Blue Ice	Dry Ice
			None
Temp °C: 0.4 (uncorrected)	Time: 1126		DT-3
Temp °C: 0.4 (corrected)	Probe used: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID: IR-1
			BAB 12/5/17

	YES	NO	NA
Adequate Sample Volume Received?	✓		
Holding Time Acceptable?	✓		
Shipping Container(s) Intact?	✓		
Shipping Custody Seals Intact?			✓
Shipping Documentation Present?			✓
Airbill			✓
Trk #			✓
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:

January 17, 2018

Vista Work Order No. 1701852

Ms. Megan Morrison
CH2M Hill
33 Reading Hill Avenue
Melrose, MA 02176

Dear Ms. Morrison,

Enclosed are the results for the sample set received at Vista Analytical Laboratory on December 05, 2017. This sample set was analyzed on a standard turn-around time, under your Project Name 'WE58, OU7 NNSY / 434634'.

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,



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. 1701852

Case Narrative

Sample Condition on Receipt:

Three groundwater 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:

Modified EPA Method 537

The samples contained particulate and were centrifuged prior to extraction.

The samples were extracted and analyzed for a selected list of PFAS using Modified EPA Method 537.

Holding Times

The samples were extracted within the method hold times. The Method Blank and OPR were analyzed within the hold time; however, due to laboratory error the sample extracts were analyzed outside of the hold time.

Quality Control

The Initial Calibration Verifications met the method acceptance criteria. The recovery of PFDOA was >130% in one Continuing Calibration Verification; this analyte was not detected in the associated samples.

A Method Blank and Ongoing Precision and Recovery (OPR) sample were extracted and analyzed with the preparation batch. No analytes were detected in the Method Blank above 1/2 the LOQ. The recovery of PFDoA was 149% in the OPR; this analyte was not detected in the samples. All other recoveries were within the method acceptance criteria

The extract of sample "IR03-MW018B-C1-17D" was re-injected because it followed an extract with an analyte with a concentration greater than the highest point in the calibration curve. The results from the re-injection have been reported.

The results for PFOA and PFOS in samples "IR03-MW018B-C1-17D" and "IR03-MW018A-C2-17D", respectively, are flagged with an "E" to indicate that the concentrations are above the highest level of the calibration curve. It was not possible to dilute the extracts sufficiently to bring the results into the curve range.

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

QC Anomalies

LabNumber	SampleName	Analysis	Analyte	Flag	%Rec
1701852-02	IR03-MW018B-C1-17D	Modified EPA Method 537	18O2-PFHxS	H	48.9
1701852-03	IR03-MW018A-C2-17D	Modified EPA Method 537	18O2-PFHxS	H	40.8
B7L0064-BS1	B7L0064-BS1	Modified EPA Method 537	13C2-PFUnA	H	48.1
B7L0064-BS1	B7L0064-BS1	Modified EPA Method 537	13C2-PFDoA	H	42.9

H = Recovery was outside laboratory acceptance criteria.

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Sample Inventory Report

Vista Sample ID	Client Sample ID	Sampled	Received	Components/Containers
1701852-01	IR03-MW034-C2-17D	28-Nov-17 11:20	05-Dec-17 11:15	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
1701852-02	IR03-MW018B-C1-17D	28-Nov-17 10:35	05-Dec-17 11:15	HDPE Bottle, 250 mL HDPE Bottle, 250 mL
1701852-03	IR03-MW018A-C2-17D	28-Nov-17 12:15	05-Dec-17 11:15	HDPE Bottle, 250 mL HDPE Bottle, 250 mL

ANALYTICAL RESULTS

Sample ID: Method Blank **Modified EPA Method 537**

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Aqueous	Lab Sample:	B7L0064-BLK1	Column:	BEH C18
Project:	WE58, OU7 NNSY / 434634						

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	ND	0.895	2.50	4.00		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
PFHxA	ND	1.09	2.50	4.00		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
PFHpA	ND	0.296	2.50	4.00		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
PFHxS	ND	0.474	2.50	4.00		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
PFOA	ND	0.326	2.50	4.00		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
PFOS	ND	0.404	2.50	4.00		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
PFNA	ND	0.405	2.50	4.00		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
PFDA	ND	0.745	2.50	4.00		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
MeFOSAA	ND	0.825	2.50	4.00		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
PFUnA	ND	0.525	2.50	4.00		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
EtFOSAA	ND	0.685	2.50	4.00		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
PFDoA	ND	0.396	2.50	4.00		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
PFTrDA	ND	0.247	2.50	4.00		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
PFTeDA	ND	0.378	2.50	4.00		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	97.1	50 - 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
13C2-PFHxA	IS	84.5	50 - 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
13C4-PFHpA	IS	95.8	50 - 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
18O2-PFHxS	IS	113	50 - 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
13C2-PFOA	IS	84.3	50 - 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
13C8-PFOS	IS	123	50 - 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
13C5-PFNA	IS	95.9	50 - 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
13C2-PFDA	IS	75.2	50 - 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
d3-MeFOSAA	IS	87.4	50 - 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
13C2-PFUnA	IS	82.0	50 - 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
d5-EtFOSAA	IS	94.6	50 - 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
13C2-PFDoA	IS	77.7	50 - 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	1
13C2-PFTeDA	IS	107	50 - 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 20:03	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.

Sample ID: OPR

Modified EPA Method 537

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Aqueous	Lab Sample:	B7L0064-BS1	Column:	BEH C18
Project:	WE58, OU7 NNSY / 434634						

Analyte	Amt Found (ng/L)	Spike Amt	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	44.5	40.0	111	70-130		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
PFHxA	39.9	40.0	99.7	70-130		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
PFHpA	41.1	40.0	103	70-130		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
PFHxS	38.6	40.0	96.5	70-130		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
PFOA	36.6	40.0	91.6	70-130		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
PFOS	36.0	40.0	89.9	70-130		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
PFNA	42.6	40.0	107	70-130		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
PFDA	42.6	40.0	106	70-130		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
MeFOSAA	32.1	40.0	80.3	70-130		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
PFUnA	43.1	40.0	108	70-130		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
EtFOSAA	36.9	40.0	92.3	70-130		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
PFDoA	59.7	40.0	149	70-130	H	B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
PFTrDA	26.1	40.0	65.3	60-130		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
PFTeDA	33.6	40.0	84.0	70-130		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1

Labeled Standards	Type	% Rec	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	95.3	50- 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
13C2-PFHxA	IS	95.5	50- 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
13C4-PFHpA	IS	90.6	50- 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
18O2-PFHxS	IS	87.9	50- 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
13C2-PFOA	IS	80.9	50- 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
13C8-PFOS	IS	86.3	50- 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
13C5-PFNA	IS	84.1	50- 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
13C2-PFDA	IS	101	50- 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
d3-MeFOSAA	IS	61.8	50- 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
13C2-PFUnA	IS	48.1	50- 150	H	B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
d5-EtFOSAA	IS	54.7	50- 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
13C2-PFDoA	IS	42.9	50- 150	H	B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1
13C2-PFTeDA	IS	69.4	50- 150		B7L0064	11-Dec-17	0.250 L	24-Dec-17 19:41	1

Sample ID: IR03-MW034-C2-17D

Modified EPA Method 537

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Groundwater	Lab Sample:	1701852-01	Column:	BEH C18
Project:	WE58, OU7 NNSY / 434634	Date Collected:	28-Nov-17 11:20	Date Received:	05-Dec-17 11:15		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	803	0.840	2.35	3.75		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1
PFHxA	2400	20.5	47.0	75.1	D	B7L0064	11-Dec-17	0.266 L	16-Jan-18 12:11	20
PFHpA	473	0.277	2.35	3.75		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1
PFHxS	4550	8.89	47.0	75.1	D	B7L0064	11-Dec-17	0.266 L	16-Jan-18 12:11	20
PFOA	6370	6.11	47.0	75.1	D	B7L0064	11-Dec-17	0.266 L	16-Jan-18 12:11	20
PFOS	5700	7.57	47.0	75.1	D	B7L0064	11-Dec-17	0.266 L	16-Jan-18 12:11	20
PFNA	34.4	0.380	2.35	3.75		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1
PFDA	ND	0.699	2.35	3.75		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1
MeFOSAA	ND	0.774	2.35	3.75		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1
PFUnA	ND	0.493	2.35	3.75		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1
EtFOSAA	ND	0.643	2.35	3.75		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1
PFDoA	ND	0.372	2.35	3.75		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1
PFTrDA	ND	0.232	2.35	3.75		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1
PFTeDA	ND	0.354	2.35	3.75		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	139	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1
13C2-PFHxA	IS	120	50 - 150	D	B7L0064	11-Dec-17	0.266 L	16-Jan-18 12:11	20
13C4-PFHpA	IS	117	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1
18O2-PFHxS	IS	129	50 - 150	D	B7L0064	11-Dec-17	0.266 L	16-Jan-18 12:11	20
13C2-PFOA	IS	107	50 - 150	D	B7L0064	11-Dec-17	0.266 L	16-Jan-18 12:11	20
13C8-PFOS	IS	137	50 - 150	D	B7L0064	11-Dec-17	0.266 L	16-Jan-18 12:11	20
13C5-PFNA	IS	85.2	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1
13C2-PFDA	IS	81.9	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1
d3-MeFOSAA	IS	91.7	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1
13C2-PFUnA	IS	69.9	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1
d5-EtFOSAA	IS	92.3	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1
13C2-PFDoA	IS	89.6	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	1
13C2-PFTeDA	IS	93.6	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:11	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.

Sample ID: IR03-MW018B-C1-17D

Modified EPA Method 537

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Groundwater	Lab Sample:	1701852-02	Column:	BEH C18
Project:	WE58, OU7 NNSY / 434634	Date Collected:	28-Nov-17 10:35	Date Received:	05-Dec-17 11:15		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	109	0.875	2.44	3.91		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
PFHxA	193	1.07	2.44	3.91		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
PFHpA	45.8	0.289	2.44	3.91		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
PFHxS	2350	9.25	48.8	78.2	D	B7L0064	11-Dec-17	0.256 L	16-Jan-18 12:22	20
PFOA	506000	6.36	48.8	78.2	E, D	B7L0064	11-Dec-17	0.256 L	16-Jan-18 12:22	20
PFOS	6910	7.89	48.8	78.2	D	B7L0064	11-Dec-17	0.256 L	16-Jan-18 12:22	20
PFNA	14.3	0.396	2.44	3.91		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
PFDA	2.30	0.728	2.44	3.91	J	B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
MeFOSAA	ND	0.806	2.44	3.91		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
PFUnA	ND	0.513	2.44	3.91		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
EtFOSAA	ND	0.669	2.44	3.91		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
PFDoA	ND	0.387	2.44	3.91		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
PFTrDA	ND	0.241	2.44	3.91		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
PFTeDA	ND	0.369	2.44	3.91		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	120	50 - 150		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
13C2-PFHxA	IS	111	50 - 150		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
13C4-PFHpA	IS	110	50 - 150		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
18O2-PFHxS	IS	48.9	50 - 150	D, H	B7L0064	11-Dec-17	0.256 L	16-Jan-18 12:22	20
13C2-PFOA	IS	77.8	50 - 150	D	B7L0064	11-Dec-17	0.256 L	16-Jan-18 12:22	20
13C8-PFOS	IS	108	50 - 150	D	B7L0064	11-Dec-17	0.256 L	16-Jan-18 12:22	20
13C5-PFNA	IS	109	50 - 150		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
13C2-PFDA	IS	106	50 - 150		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
d3-MeFOSAA	IS	93.0	50 - 150		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
13C2-PFUnA	IS	75.5	50 - 150		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
d5-EtFOSAA	IS	92.9	50 - 150		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
13C2-PFDoA	IS	55.6	50 - 150		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
13C2-PFTeDA	IS	60.2	50 - 150		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	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.

Sample ID: IR03-MW018A-C2-17D

Modified EPA Method 537

Client Data				Laboratory Data			
Name:	CH2M Hill	Matrix:	Groundwater	Lab Sample:	1701852-03	Column:	BEH C18
Project:	WE58, OU7 NNSY / 434634	Date Collected:	28-Nov-17 12:15	Date Received:	05-Dec-17 11:15		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	329	0.841	2.35	3.76		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
PFHxA	663	1.02	2.35	3.76		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
PFHpA	247	0.278	2.35	3.76		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
PFHxS	6600	17.8	94.0	150	D	B7L0064	11-Dec-17	0.266 L	16-Jan-18 12:34	40
PFOA	565	0.306	2.35	3.76		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
PFOS	24400	15.2	94.0	150	E, D	B7L0064	11-Dec-17	0.266 L	16-Jan-18 12:34	40
PFNA	46.5	0.381	2.35	3.76		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
PFDA	2.28	0.700	2.35	3.76	J	B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
MeFOSAA	ND	0.775	2.35	3.76		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
PFUnA	ND	0.493	2.35	3.76		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
EtFOSAA	ND	0.644	2.35	3.76		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
PFDoA	ND	0.372	2.35	3.76		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
PFTrDA	ND	0.232	2.35	3.76		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
PFTeDA	ND	0.355	2.35	3.76		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
13C3-PFBS	IS	128	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
13C2-PFHxA	IS	113	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
13C4-PFHpA	IS	120	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
18O2-PFHxS	IS	40.8	50 - 150	D, H	B7L0064	11-Dec-17	0.266 L	16-Jan-18 12:34	40
13C2-PFOA	IS	101	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
13C8-PFOS	IS	51.4	50 - 150	D	B7L0064	11-Dec-17	0.266 L	16-Jan-18 12:34	40
13C5-PFNA	IS	93.9	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
13C2-PFDA	IS	119	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
d3-MeFOSAA	IS	93.7	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
13C2-PFUnA	IS	84.8	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
d5-EtFOSAA	IS	100	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
13C2-PFDoA	IS	79.7	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
13C2-PFTeDA	IS	107	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	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.
D	Dilution
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.
M	Estimated Maximum Possible Concentration. (CA Region 2 projects only)
*	See Cover Letter
Conc.	Concentration
NA	Not applicable
ND	Not Detected
TEQ	Toxic Equivalency
U	Not Detected (specific projects only)

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.

EMPIRICAL LABORATORIES, LLC - CHAIN OF CUSTODY RECORD

SHIP TO: 621 Mainstream Drive, Suite 270 ♦ Nashville, TN 37228 ♦ 877-345-1113 ♦ (fax) 866-417-0548

36237

Send Results to:		Send Invoice to:		Analysis Requirements:												Lab Use Only:			
Name <u>Megan Morrison</u>		Name _____		EPA method 537 modified 1701852 0.4°C PFAS												VOA Headspace	Y	N	NA
Company <u>CH2M HILL</u>		Company _____														Field Filtered	Y	N	NA
Address <u>2411 Dulles Corner Park</u>		Address _____														Correct Containers	Y	N	NA
City <u>Herndon</u>		City _____														Discrepancies	Y	N	NA
State, Zip <u>VA, 20171</u>		State, Zip _____														Cust. Seals Intact	Y	N	NA
Phone <u>(757) 403-2506</u>		Phone _____														Containers Intact	Y	N	NA
Fax _____		Fax _____		Airbill #: _____				CAR #: _____											
E-mail <u>Megan.Morrison@ch2m.com</u>		E-mail _____																	
Project No./Name: <u>434634</u> <u>WES8,007 NNSY</u>				Sampler's (Signature): <u>[Signature]</u>															
Lab Use Only Lab #	Date/Time Sampled	Sample Description	Sample Matrix													Comments	No. of Bottles	Lab Use Only Containers/Pres.	
	<u>11/23/17</u> <u>1120</u>	<u>IR03-MW034-C2-17D</u>	<u>GW</u>	<u>X</u>														<u>2</u>	
	<u>1035</u>	<u>IR03-MW018B-C1-17D</u>	<u>GW</u>	<u>X</u>														<u>2</u>	
	<u>1215</u>	<u>IR03-MW018A-C2-17D</u>	<u>GW</u>	<u>X</u>														<u>2</u>	
		<u>IR03-MW115-Y-17D</u>	<u>GW</u>																
Sample Kit Prep'd by: (Signature) <u>[Signature]</u>		Date/Time <u>11/28/17</u> <u>1700</u>	Received By: (Signature) <u>[Signature]</u> <u>11/29/17</u> <u>1025</u>		REMARKS:												Details:		
Relinquished by: (Signature) <u>[Signature]</u>		Date/Time <u>12/05/17</u> <u>1110</u>	Received By: (Signature) <u>[Signature]</u> <u>12/05/17</u> <u>1116</u>														Page <u>1</u> of <u>1</u>		
Relinquished by: (Signature)		Date/Time	Received By: (Signature)														Cooler No. <u>1</u> of <u>1</u>		
Received for Laboratory by: (Signature)		Date/Time	Temperature														Date Shipped <u>11/28/17</u>		
					Shipped By <u>CP</u>														
					Turnaround _____														

Distribution: Original and yellow copies accompany sample shipment to laboratory; Pink retained by samplers.

Sample Log-in Checklist

Vista Work Order #: 1701852 TAT std

Samples Arrival:	Date/Time: 12/05/17 1115	Initials: BAB	Location: WR-2
			Shelf/Rack: NA
Logged In:	Date/Time: 12/06/17 0903	Initials: BAB	Location: WR-2
			Shelf/Rack: F5
Delivered By:	FedEx	UPS	On Trac
		GSO	DHL
			Hand Delivered
			Other
Preservation:	Ice	Blue Ice	Dry Ice
			None
Temp °C: 0.4 (uncorrected)	Time: 1126		DT-3
Temp °C: 0.4 (corrected)	Probe used: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Thermometer ID: IR-1
			<i>CAB 12/5/17</i>

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

Comments:

EXTRACTION INFORMATION

Prep Expiration: 2017-Dec-12
 Client: CH2M Hill

Workorder Due: **05-Jan-18 00:00**

TAT: 31

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

Prep Batch: B7L0064

Version: 537 (14 Analyte)
 DoD: DoD QSM 5.1

Prep Data Entered: _____
 Date and Initials

Initial Sequence: S8A0028

LabSampID	A/B	Prep Rec	Spike Rec	ClientSampleID	Comments	Location	Container
1701852-01	(A)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	IR03-MW034-C2-17D		WR-2 F-5	HDPE Bottle, 250 mL
1701852-02	↓	<input type="checkbox"/>	<input type="checkbox"/>	IR03-MW018B-C1-17D	"IR03" 12/11/17 ST "IS03-1A" 12/11/17 ST	WR-2 F-5	HDPE Bottle, 250 mL
1701852-03	↓	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	IR03-MW018A-C2-17D		WR-2 F-5	HDPE Bottle, 250 mL

1701852-02 - "IS03-MW018B-C1-17D"

Pre-Prep Check Out: 12/11/17 ST
 Pre-Prep Check In: N/A

Prep Check Out: N/A
 Prep Check In: N/A 12/11/17 ST N/A

Prep Reconciled Initials/Date: 12/11/17 ST
 Spike Reconciled Initials/Date: 12/11/17 ST
 VialBoxID: Batman

PREPARATION BENCH SHEET

Matrix: Aqueous

Method: 537M Linear All/Branched/Total PFHxS/PFOA/

Method: 537M PFAS DOD (LOQ as mRL)

B7L0064

Chemist: JTC

Prep Date/Time: 11-Dec-17 08:46

1200
JTC

Prepared using: LCMS - SPE Extraction-LCMS

Date/Initials: 12/11/17 ST Balance ID: HRMS-9

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
<input type="checkbox"/>	B7L0064-BLK1	5	2	0	2	N/A	N/A	(0.250)	JTC G20 12/11/17	JTC 12/11/17	JTC G20 12/11/17
<input type="checkbox"/>	B7L0064-BS1	5	2	0	2	J	J HB 12/11/17	(0.250)			
<input checked="" type="checkbox"/>	B7L0064-MS1 1701845-07	6	2	0	4	285.36	27.60	0.25776			
<input type="checkbox"/>	B7L0064-MSD1 1701845-07	6	2	0	4	287.11	27.52	0.25959			
<input type="checkbox"/>	1701845-01 (A)	5	2	0	2	289.45	27.24	0.26221			
<input type="checkbox"/>	1701845-02	5	2	0	2	289.64	27.66	0.26198			
<input type="checkbox"/>	1701845-03	5	2	0	2	289.28	27.67	0.26161			
<input checked="" type="checkbox"/>	1701845-04	6	2	0	4	282.60	27.76	0.25484			
<input type="checkbox"/>	1701845-05	6	2	0	4	287.48	27.75	0.25973			
<input type="checkbox"/>	1701845-06	6	2	0	3	283.78	27.64	0.25619			
<input type="checkbox"/>	1701845-07	6	2	0	3	281.39	27.55	0.25384			
<input type="checkbox"/>	1701845-08	6	2	0	3	283.95	27.65	0.25630			
<input type="checkbox"/>	1701845-09	6	2	0	3	284.30	27.60	0.25670			
<input checked="" type="checkbox"/>	1701845-10	6	2	0	3	290.69	27.75	0.26294			
<input type="checkbox"/>	1701845-11	6	2	0	3	280.93	27.53	0.25340			
<input type="checkbox"/>	1701845-12	6	2	0	4	281.47	26.90	0.25457			

IS: 17L0402, 10µl (U5)
 IS SUP: NA
 NS: 17J1820, 10µl (U2)
 RS: 17L2502, 10µl (U4)

SPE Chem: Strata X-AW 33µm 200µg/g
 Ele SOLV: 0.57-N H₂O in MeOH/meth
 Final Volume(s): 1mL

Notes: (A) Sample transferred from 1L bottle to 250mL to 12/11/17 ST match other samples 12/11/17 ST

PREPARATION BENCH SHEET

Matrix: Aqueous

Method: 537M Linear All/Branched/Total PFHxS/PFOA/

Method: 537M PFAS DOD (LOQ as mRL)

B7L0064

Chemist: He
 Prep Date/Time: 11-Dec-17 08:46

Prepared using: LCMS - SPE Extraction-LCMS

1200
He

		Date/Initials: <u>12/11/17 ST</u>				Balance ID: <u>HRMS-9</u>					
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
<input type="checkbox"/>	1701845-13	6	2	0	4	284.45	27.54	0.25691	He GRB 12/11/17	He 12/11/17	He GRB 12/11/17
<input type="checkbox"/>	1701845-14	6	2	0	4	286.23	27.52	0.25871			
<input type="checkbox"/>	1701845-15	6	2	0	4	284.59	26.94	0.25765			
<input type="checkbox"/>	1701845-16	6	2	0	4	286.05	27.58	0.25847			
<input checked="" type="checkbox"/>	1701845-17	6	2	0	4	287.98	27.49	0.26049			
<input checked="" type="checkbox"/>	1701852-01	6	2	0	10	293.97	27.51	0.26646			
<input checked="" type="checkbox"/>	1701852-02	6	2	0	6	287.40	27.57	0.25583			
<input checked="" type="checkbox"/>	1701852-03	6	2	0	9	293.60	27.55	0.26605			

IS: <u>17L0402, 10 µL (U5)</u>	SPE Chem: <u>Stark & AW 33µm 200µm 6µL</u>	Notes:
IS SUP: <u>NA</u>	Ele SOLV: <u>0.57-Nitro 6H in MeOH/muoff</u>	
NS: <u>17J1820, 10 µL (U2)</u>	Final Volume(s): <u>1µL</u>	
RS: <u>17K2502, 10 µL (U4)</u>		

Comments: Assume 1 g = 1 mL

Cen = Centrifuged
 Work Order 1701852

Batch: B7L0064

Matrix: Aqueous

LabNumber	WetWeight (Initial)	% Solids (Extraction Solids)	DryWeight	Final	Extracted	Ext By	Spike	SpikeAmount	ClientMatrix	Analysis
1701845-01	0.26221 ✓	N/A	N/A	1000	11-Dec-17 12:00	HAC			Aqueous	537M Linear All/Branched/
1701845-02	0.26198 ✓			1000	11-Dec-17 12:00	HAC			Aqueous	537M Linear All/Branched/
1701845-03	0.26161 ✓			1000	11-Dec-17 12:00	HAC			Aqueous	537M Linear All/Branched/
1701845-04	0.25484 ✓			1000	11-Dec-17 12:00	HAC			Aqueous	537M Linear All/Branched/
1701845-05	0.25973 ✓			1000	11-Dec-17 12:00	HAC			Aqueous	537M Linear All/Branched/
1701845-06	0.25614 ✓			1000	11-Dec-17 12:00	HAC			Aqueous	537M Linear All/Branched/
1701845-07	0.25384 ✓			1000	11-Dec-17 12:00	HAC			Aqueous	537M PFAS DOD (LOQ as
1701845-07	0.25384 ✓			1000	11-Dec-17 12:00	HAC			Aqueous	537M Linear All/Branched/
1701845-08	0.2563 ✓			1000	11-Dec-17 12:00	HAC			Aqueous	537M Linear All/Branched/
1701845-09	0.2567 ✓			1000	11-Dec-17 12:00	HAC			Aqueous	537M Linear All/Branched/
1701845-10	0.25294 ✓			1000	11-Dec-17 12:00	HAC			Aqueous	537M Linear All/Branched/
1701845-11	0.2534 ✓			1000	11-Dec-17 12:00	HAC			Aqueous	537M Linear All/Branched/
1701845-12	0.25457 ✓			1000	11-Dec-17 12:00	HAC			Aqueous	537M Linear All/Branched/
1701845-13	0.25691 ✓			1000	11-Dec-17 12:00	HAC			Aqueous	537M Linear All/Branched/
1701845-14	0.25871 ✓			1000	11-Dec-17 12:00	HAC			Aqueous	537M Linear All/Branched/
1701845-15	0.25765 ✓			1000	11-Dec-17 12:00	HAC			Aqueous	537M Linear All/Branched/
1701845-16	0.25847 ✓			1000	11-Dec-17 12:00	HAC			Aqueous	537M Linear All/Branched/
1701845-17	0.26049 ✓			1000	11-Dec-17 12:00	HAC			Aqueous	537M Linear All/Branched/
1701852-01	0.26646 ✓			1000	11-Dec-17 12:00	HAC			Groundwater	537M PFAS DOD (LOQ as
1701852-02	0.25583 ✓			1000	11-Dec-17 12:00	HAC			Groundwater	537M PFAS DOD (LOQ as
1701852-03	0.26605 ✓			1000	11-Dec-17 12:00	HAC			Groundwater	537M PFAS DOD (LOQ as
B7L0064-BLK1	0.25			1000	11-Dec-17 12:00	HAC				QC
B7L0064-BS1	0.25			1000	11-Dec-17 12:00	HAC	17J1820	10		QC
B7L0064-MS1	0.25776 ✓			1000	11-Dec-17 12:00	HAC	17J1820	10		QC
B7L0064-MSD1	0.25959 ✓			1000	11-Dec-17 12:00	HAC	17J1820	10		QC

HC
12-12-17

SAMPLE DATA – MODIFIED EPA METHOD 537

Dataset: U:\Q4.PRO\results\171224M1\171224M1_42.qld

Last Altered: Wednesday, December 27, 2017 11:11:13 Pacific Standard Time

Printed: Wednesday, January 17, 2018 08:38:24 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_122317.mdb 26 Dec 2017 14:44:36

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_12-24-17_NEWIS.cdb 26 Dec 2017 14:44:46

Name: 171224M1_42, Date: 24-Dec-2017, Time: 20:03:57, ID: B7L0064-BLK1 Method Blank 0.25, Description: Method Blank

	# Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	1 PFBA	213.0 > 168.8		6.22e3	0.2500		1.47				
2	2 PFPeA	263.1 > 218.9		8.94e3	0.2500		2.44				
3	3 PFBS	299.0 > 79.7		1.19e3	0.2500		2.70				
4	4 PFHxA	313.2 > 268.9		2.95e3	0.2500		3.20				
5	5 PFHpA	363.0 > 318.9		6.46e3	0.2500		3.80				
6	6 L-PFHxS	398.9 > 79.6		1.09e3	0.2500		3.95				
7	8 6:2 FTS	427.1 > 407		8.10e3	0.2500		4.26				
8	9 L-PFOA	413 > 368.7		8.10e3	0.2500		4.32				
9	11 PFHpS	449 > 80.0		8.10e3	0.2500		4.43				
10	12 PFNA	463.0 > 418.8		6.50e3	0.2500		4.75				
11	13 PFOSA	498.1 > 77.8		1.16e3	0.2500		4.81				
12	14 L-PFOS	499 > 79.9		2.87e3	0.2500		4.83				
13	16 PFDA	513 > 468.8		6.79e3	0.2500		5.11				
14	17 8:2 FTS	527 > 506.9		6.79e3	0.2500		5.09				
15	18 N-MeFOSAA	570.1 > 419		2.51e3	0.2500		5.26				
16	19 N-EtFOSAA	584.2 > 419		2.89e3	0.2500		5.42				
17	20 PFUDa	563.0 > 518.9		6.82e3	0.2500		5.43				
18	21 PFDS	598.8 > 80		6.82e3	0.2500		5.50				
19	22 PFDoA	612.9 > 569.0		3.65e3	0.2500		5.70				
20	23 N-MeFOSA	512.1 > 168.9			0.2500		5.77				
21	24 PFTrDA	662.9 > 618.9		4.39e3	0.2500		5.95				
22	25 PFTeDA	712.9 > 668.8		4.39e3	0.2500		6.16				
23	26 N-EtFOSA	526.1 > 168.9			0.2500		6.15				
24	27 PFHxDA	813.1 > 768.6		2.01e3	0.2500		6.48				
25	28 PFODA	913.1 > 868.8		2.01e3	0.2500		6.70				
26	29 N-MeFOSE	616.1 > 58.9			0.2500		6.30				
27	30 N-EtFOSE	630.1 > 58.9			0.2500		6.42				
28	31 13C3-PFBA	216.1 > 171.8	6.22e3	7.69e3	0.2500	0.895	1.47	1.48	10.1	45.232	90.5
29	32 13C3-PFPeA	266. > 221.8	8.94e3	1.12e4	0.2500	0.867	2.44	2.44	9.94	45.854	91.7
30	33 13C3-PFBS	302. > 98.8	1.19e3	1.12e4	0.2500	0.109	2.70	2.71	1.32	48.572	97.1
31	34 13C2-PFHxA	315 > 269.8	2.95e3	1.12e4	0.2500	0.777	3.20	3.21	3.29	16.910	84.5
32	35 13C4-PFHpA	367.2 > 321.8	6.46e3	1.12e4	0.2500	0.600	3.80	3.82	7.18	47.907	95.8

Dataset: U:\Q4.PRO\results\171224M1\171224M1_42.qld

Last Altered: Wednesday, December 27, 2017 11:11:13 Pacific Standard Time

Printed: Wednesday, January 17, 2018 08:38:24 Pacific Standard Time

Name: 171224M1_42, Date: 24-Dec-2017, Time: 20:03:57, ID: B7L0064-BLK1 Method Blank 0.25, Description: Method Blank

	# Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
33	36 18O2-PFHxS	403.0 > 102.6	1.09e3	2.17e3	0.2500	0.444	3.95	3.95	6.26	56.350	112.7
34	37 13C2-6:2 FTS	429.1 > 408.9	2.13e3	7.76e3	0.2500	0.385	4.26	4.27	3.44	35.703	71.4
35	38 13C2-PFOA	414.9 > 369.7	8.10e3	7.76e3	0.2500	1.237	4.32	4.32	13.0	42.174	84.3
36	39 13C5-PFNA	468.2 > 422.9	6.50e3	7.44e3	0.2500	0.911	4.75	4.75	10.9	47.940	95.9
37	40 13C8-PFOSA	506.1 > 77.7	1.16e3	6.86e3	0.2500	0.400	4.81	4.81	2.12	21.190	42.4
38	41 13C8-PFOS	507.0 > 79.9	2.87e3	2.31e3	0.2500	1.009	4.83	4.83	15.5	61.381	122.8
39	42 13C2-PFDA	515.1 > 469.9	6.79e3	7.55e3	0.2500	1.195	5.11	5.11	11.2	37.617	75.2
40	43 13C2-8:2 FTS	529.1 > 508.7	8.94e2	1.12e4	0.2500	0.168	5.09	5.08	0.995	23.651	47.3
41	44 d3-N-MeFOSAA	573.3 > 419	2.51e3	6.86e3	0.2500	0.418	5.26	5.26	4.57	43.679	87.4
42	45 d5-N-EtFOSAA	589.3 > 419	2.89e3	6.86e3	0.2500	0.445	5.42	5.41	5.26	47.295	94.6
43	46 13C2-PFUdA	565 > 519.8	6.82e3	6.86e3	0.2500	1.212	5.43	5.43	12.4	41.003	82.0
44	47 13C2-PFDoA	615.0 > 569.7	3.65e3	6.86e3	0.2500	0.685	5.70	5.70	6.66	38.855	77.7
45	48 d3-N-MeFOSA	515.2 > 168.9		6.86e3	0.2500	0.155	5.80				
46	49 13C2-PFTeDA	714.8 > 669.6	4.39e3	6.86e3	0.2500	0.597	6.16	6.16	7.99	53.586	107.2
47	50 d5-N-ETFOSA	531.1 > 168.9		6.86e3	0.2500	0.227	6.16				
48	51 13C2-PFHxDA	815 > 769.7	2.01e3	6.86e3	0.2500	0.902	6.48	6.48	3.66	16.227	81.1
49	52 d7-N-MeFOSE	623.1 > 58.9		6.86e3	0.2500	0.214	6.30				
50	53 d9-N-EtFOSE	639.2 > 58.8		6.86e3	0.2500	0.219	6.42				
51	54 13C4-PFBA	217. > 171.8	7.69e3	7.69e3	0.2500	1.000	1.47	1.48	12.5	50.000	100.0
52	55 13C5-PFHxA	318 > 272.9	1.12e4	1.12e4	0.2500	1.000	3.20	3.20	12.5	50.000	100.0
53	56 13C3-PFHxS	401.9 > 79.9	2.17e3	2.17e3	0.2500	1.000	3.95	3.95	12.5	50.000	100.0
54	57 13C8-PFOA	421.3 > 376	7.76e3	7.76e3	0.2500	1.000	4.32	4.32	12.5	50.000	100.0
55	58 13C9-PFNA	472.2 > 426.9	7.44e3	7.44e3	0.2500	1.000	4.75	4.75	12.5	50.000	100.0
56	59 13C4-PFOS	503 > 79.9	2.31e3	2.31e3	0.2500	1.000	4.83	4.83	12.5	50.000	100.0
57	60 13C6-PFDA	519.1 > 473.7	7.55e3	7.55e3	0.2500	1.000	5.11	5.11	12.5	50.000	100.0
58	61 13C7-PFUdA	570.1 > 524.8	6.86e3	6.86e3	0.2500	1.000	5.43	5.43	12.5	50.000	100.0

Dataset: U:\Q4.PRO\results\171224M1\171224M1_42.qld

Last Altered: Wednesday, December 27, 2017 11:11:13 Pacific Standard Time

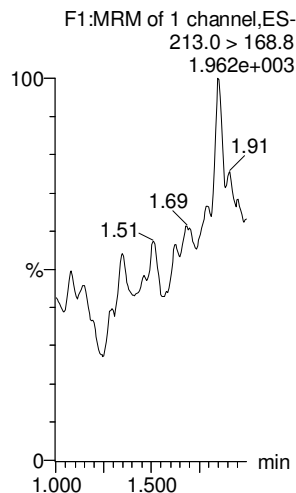
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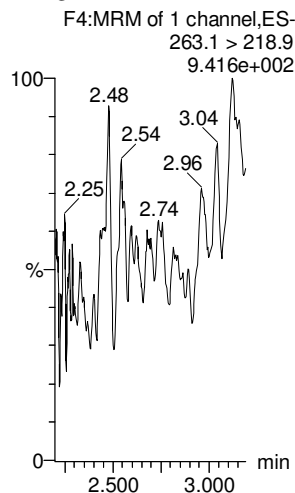
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Name: 171224M1_42, Date: 24-Dec-2017, Time: 20:03:57, ID: B7L0064-BLK1 Method Blank 0.25, Description: Method Blank

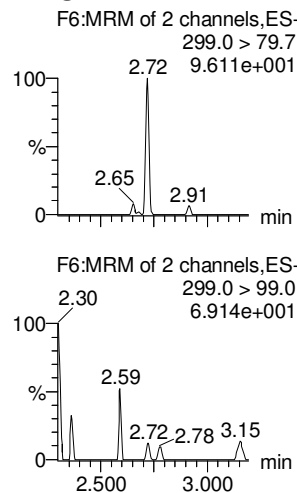
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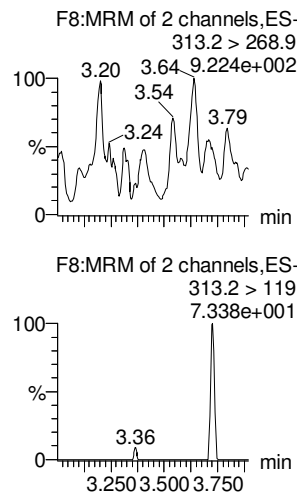
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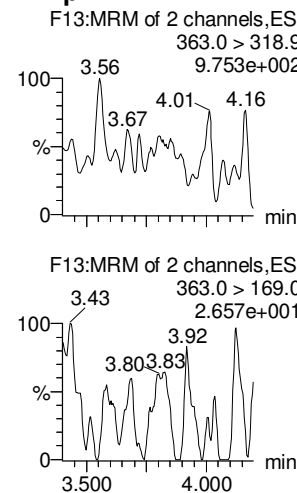
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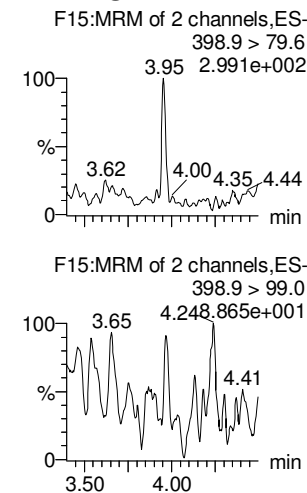
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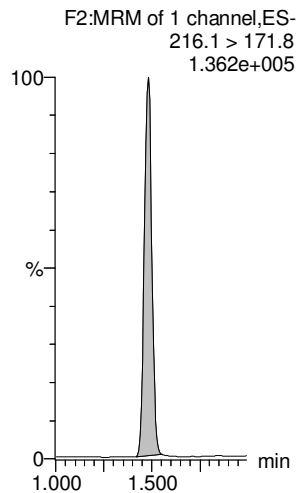
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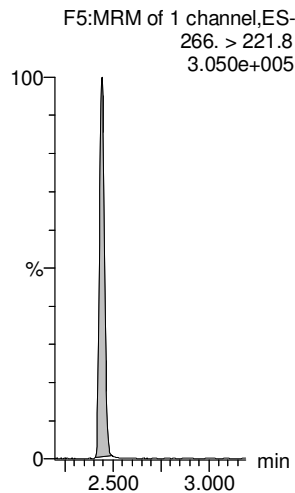
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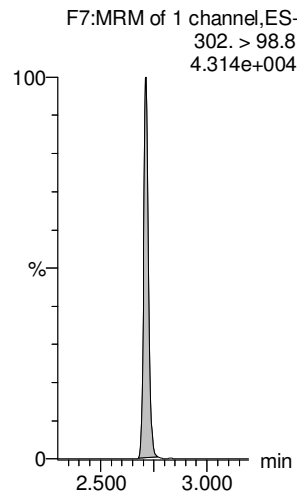
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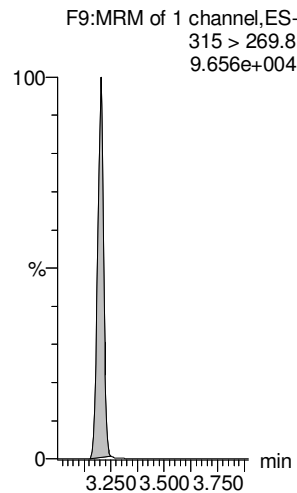
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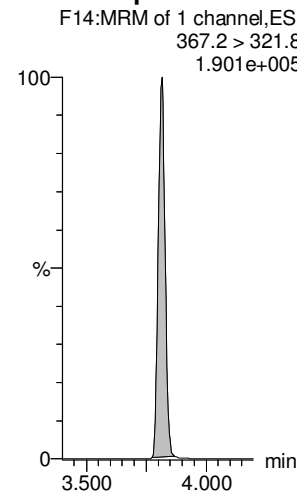
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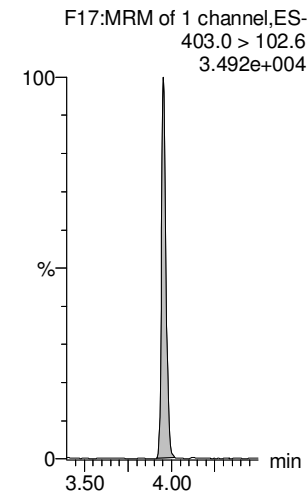
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



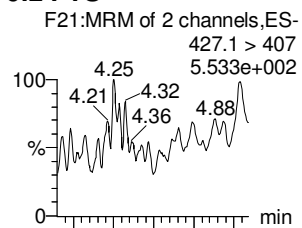
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Last Altered: Wednesday, December 27, 2017 11:11:13 Pacific Standard Time

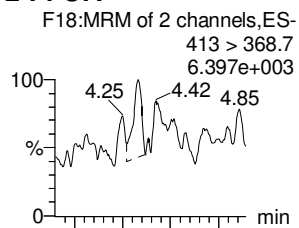
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Name: 171224M1_42, Date: 24-Dec-2017, Time: 20:03:57, ID: B7L0064-BLK1 Method Blank 0.25, Description: Method Blank

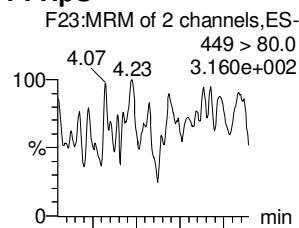
6:2 FTS



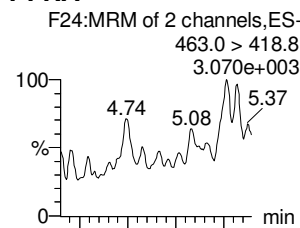
L-PFOA



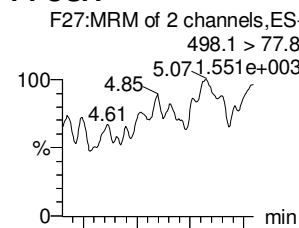
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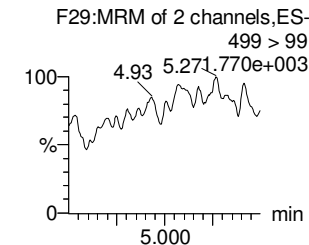
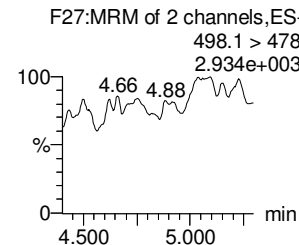
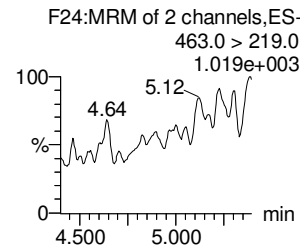
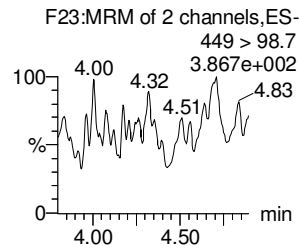
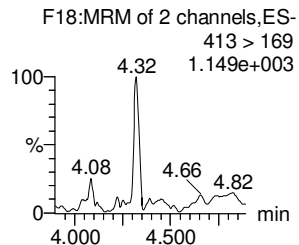
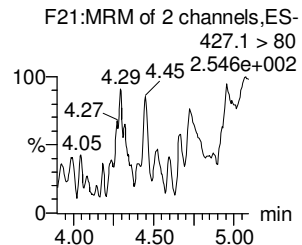
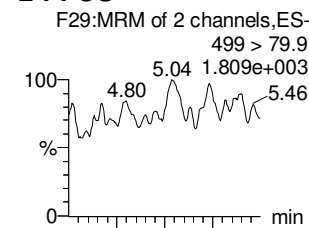
PFNA



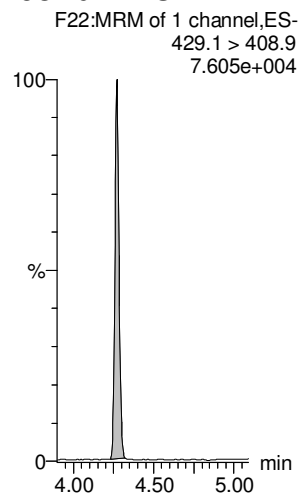
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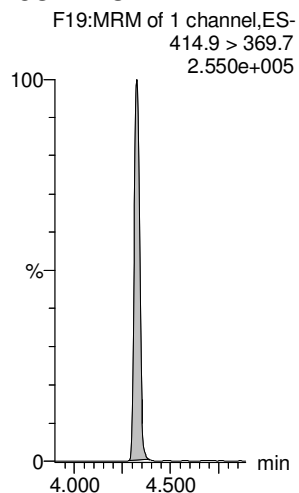
L-PFOS



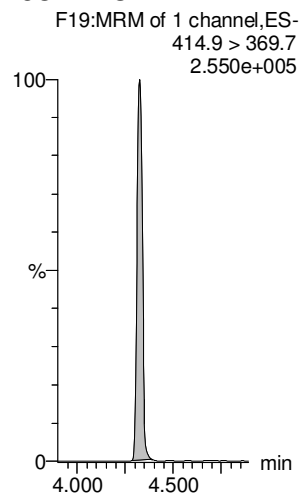
13C2-6:2 FTS



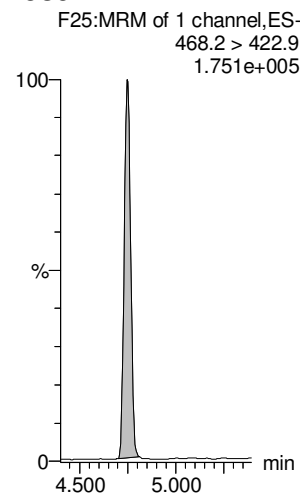
13C2-PFOA



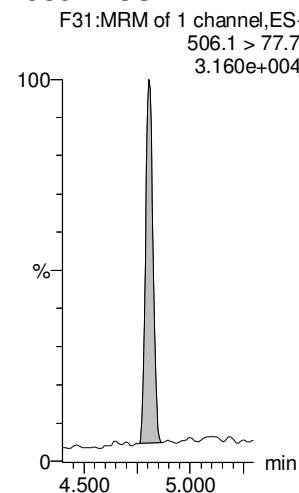
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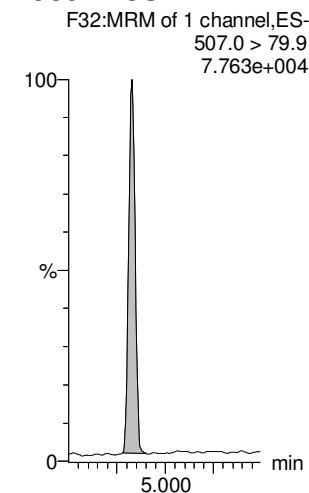
13C5-PFNA



13C8-PFOSA



13C8-PFOS



Dataset: U:\Q4.PRO\results\171224M1\171224M1_42.qld

Last Altered: Wednesday, December 27, 2017 11:11:13 Pacific Standard Time

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Name: 171224M1_42, Date: 24-Dec-2017, Time: 20:03:57, ID: B7L0064-BLK1 Method Blank 0.25, Description: Method Blank

PFDA

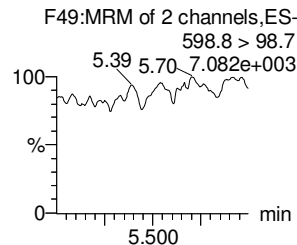
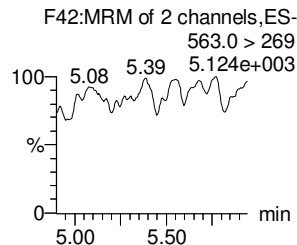
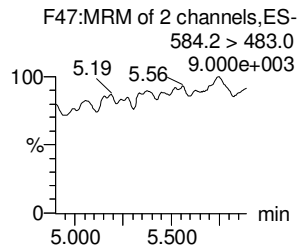
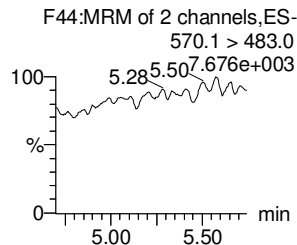
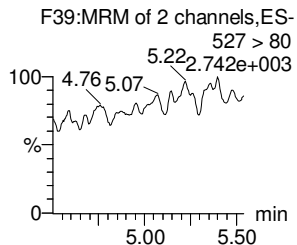
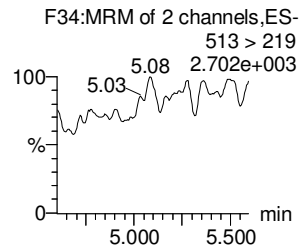
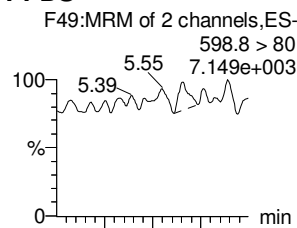
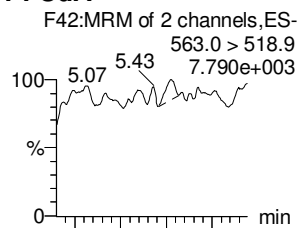
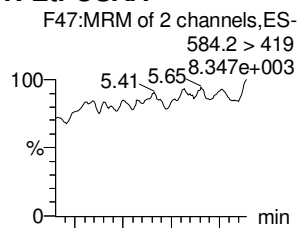
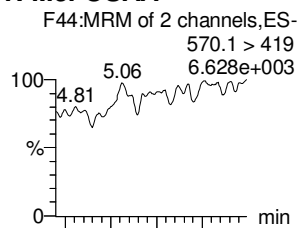
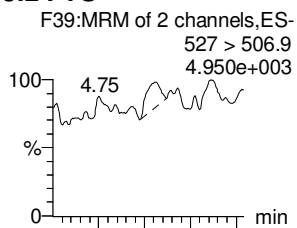
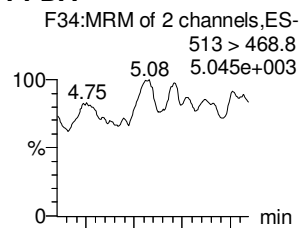
8:2 FTS

N-MeFOSAA

N-EtFOSAA

PFUdA

PFDS



13C2-PFDA

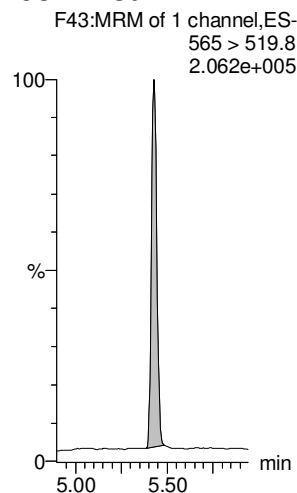
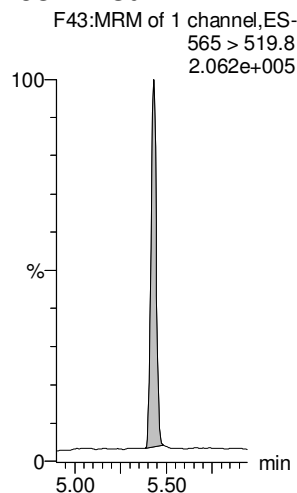
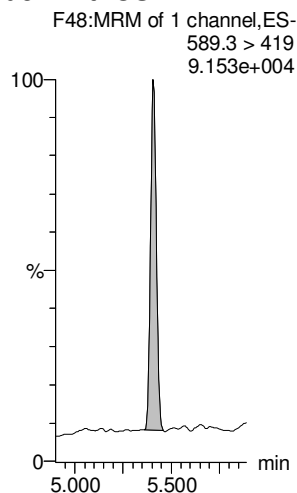
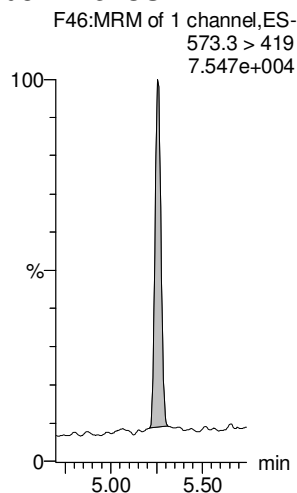
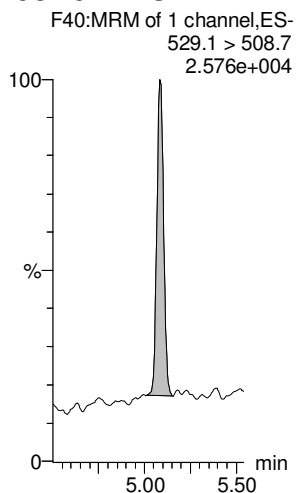
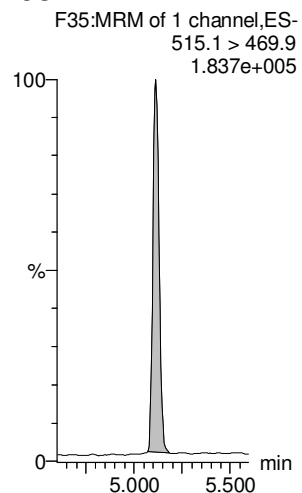
13C2-8:2 FTS

d3-N-MeFOSAA

d5-N-EtFOSAA

13C2-PFUdA

13C2-PFUdA



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Last Altered: Wednesday, December 27, 2017 11:11:13 Pacific Standard Time

Printed: Wednesday, January 17, 2018 08:38:24 Pacific Standard Time

Name: 171224M1_42, Date: 24-Dec-2017, Time: 20:03:57, ID: B7L0064-BLK1 Method Blank 0.25, Description: Method Blank

PFDaA

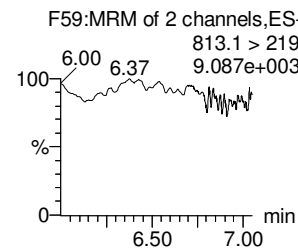
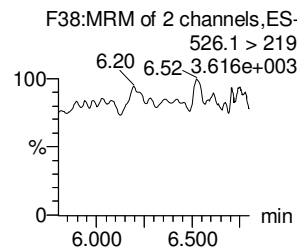
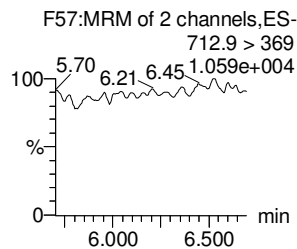
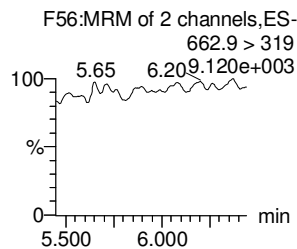
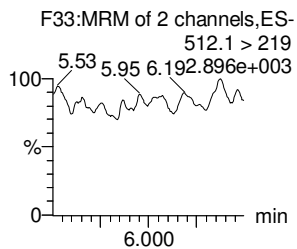
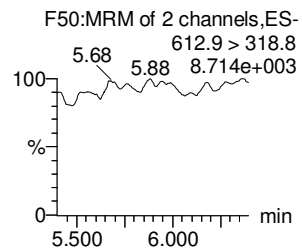
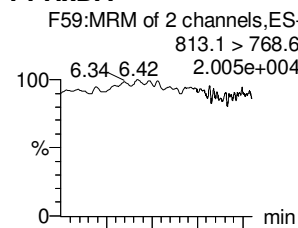
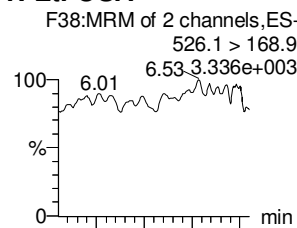
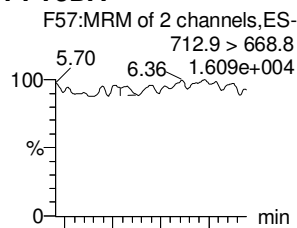
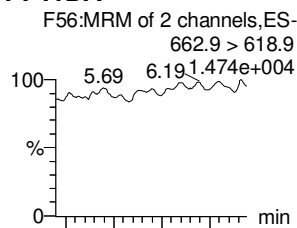
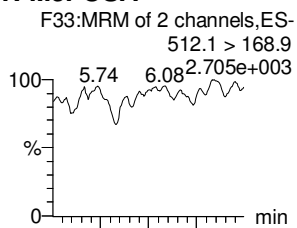
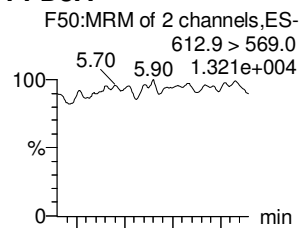
N-MeFOSA

PFTrDA

PFTeDA

N-EtFOSA

PFHxDA



13C2-PFDaA

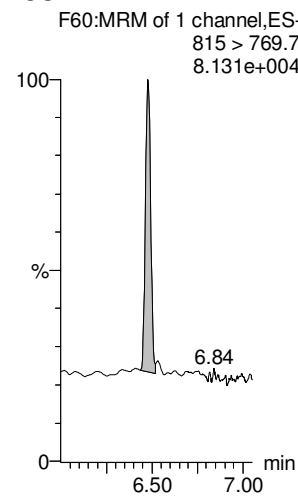
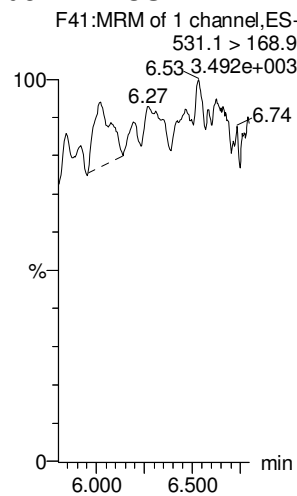
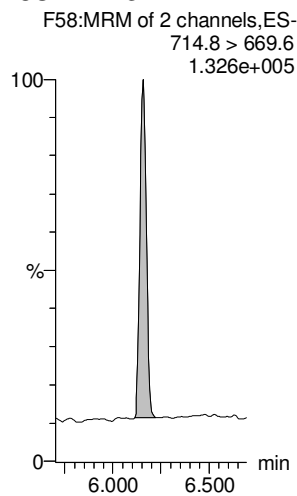
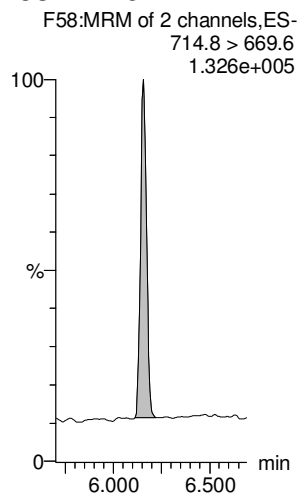
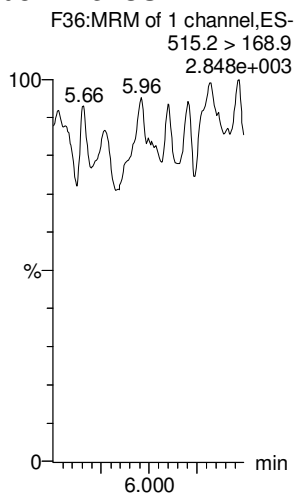
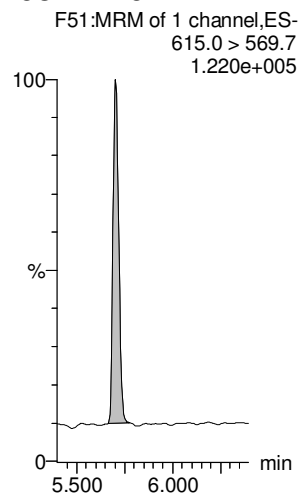
d3-N-MeFOSA

13C2-PFTeDA

13C2-PFTeDA

d5-N-ETFOSA

13C2-PFHxDA



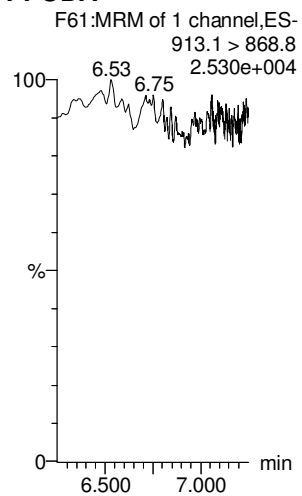
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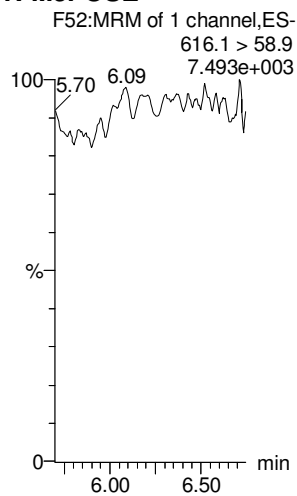
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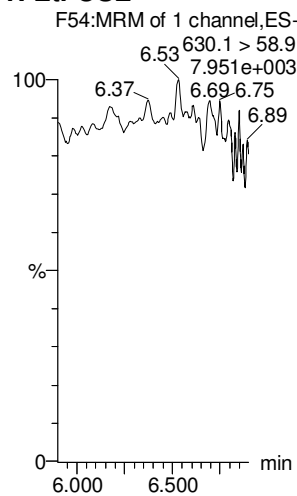
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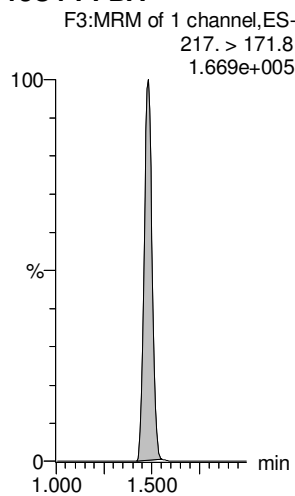
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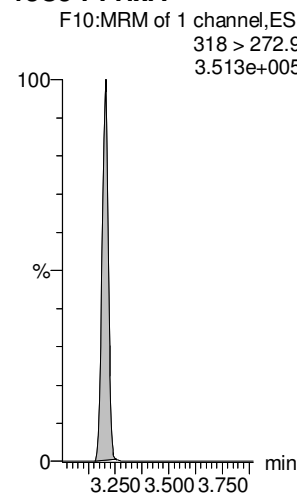
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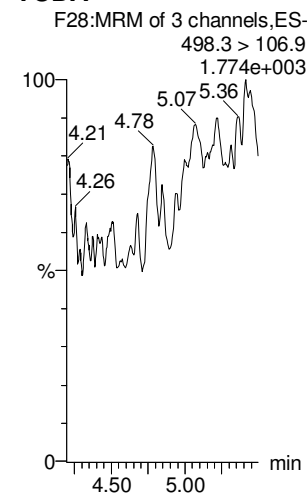
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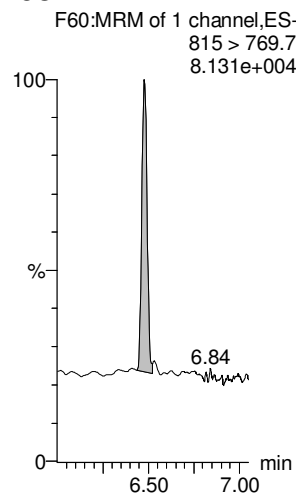
13C5-PFHxA



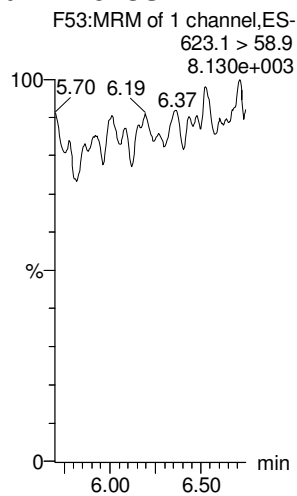
TCDA



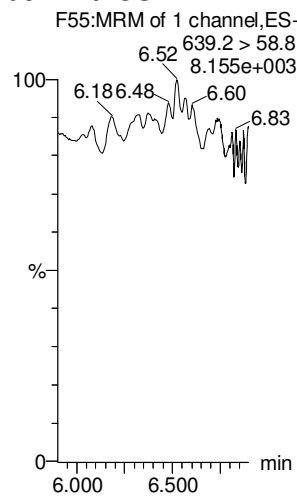
13C2-PFHxDA



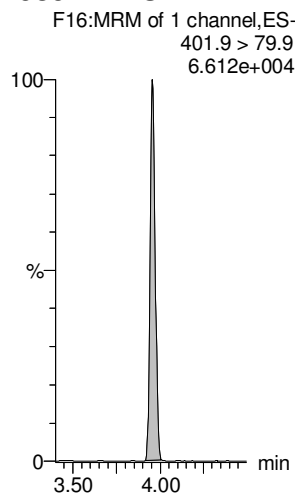
d7-N-MeFOSE



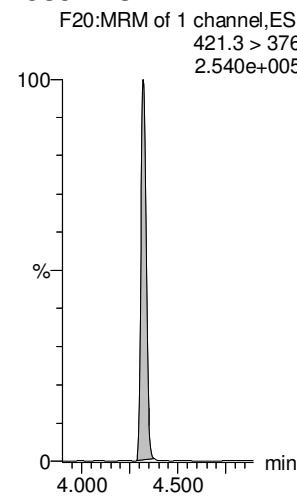
d9-N-EtFOSE



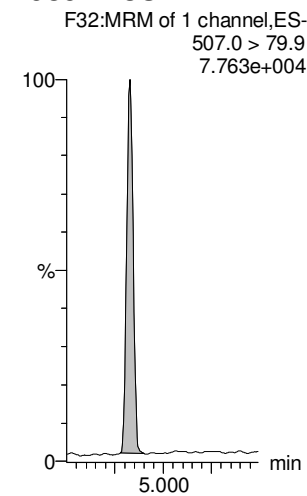
13C3-PFHxS



13C8-PFOA



13C8-PFOS



Dataset: U:\Q4.PRO\results\171224M1\171224M1_42.qld

Last Altered: Wednesday, December 27, 2017 11:11:13 Pacific Standard Time

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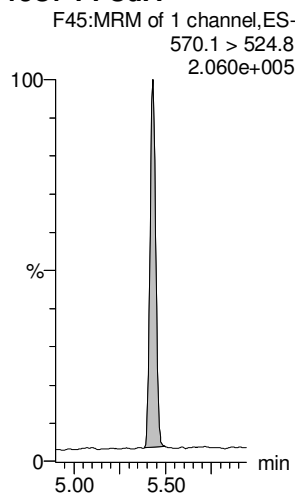
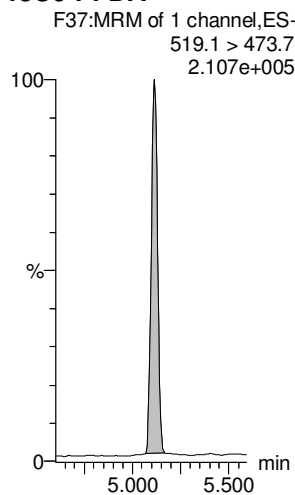
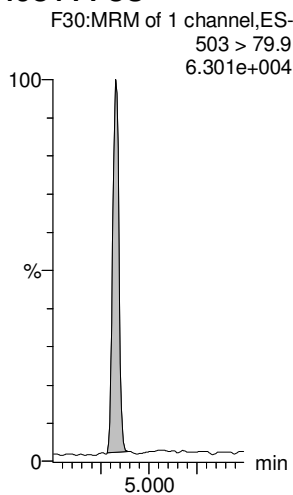
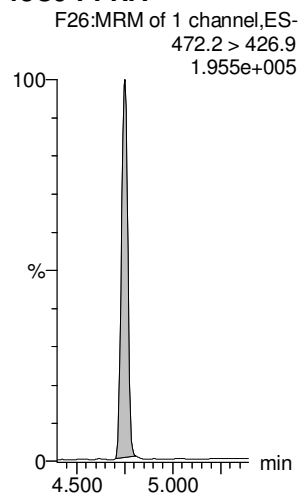
Name: 171224M1_42, Date: 24-Dec-2017, Time: 20:03:57, ID: B7L0064-BLK1 Method Blank 0.25, Description: Method Blank

13C9-PFNA

13C4-PFOS

13C6-PFDA

13C7-PFUDa



Dataset: U:\Q4.PRO\results\171224M1\171224M1_40.qld

Last Altered: Wednesday, January 17, 2018 08:42:36 Pacific Standard Time

Printed: Wednesday, January 17, 2018 08:55:35 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_122317.mdb 26 Dec 2017 14:44:36

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_12-24-17_NEWIS.cdb 26 Dec 2017 14:44:46

Name: 171224M1_40, Date: 24-Dec-2017, Time: 19:41:36, ID: B7L0064-BS1 OPR 0.25, Description: OPR

	# Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	1 PFBA	213.0 > 168.8	6.04e3	6.23e3	0.2500		1.47	1.48	12.1	40.047	100.1
2	2 PFPeA	263.1 > 218.9	7.64e3	8.81e3	0.2500		2.44	2.44	10.8	40.244	100.6
3	3 PFBS	299.0 > 79.7	2.14e3	1.14e3	0.2500		2.70	2.71	23.5	44.527	111.5
4	4 PFHxA	313.2 > 268.9	9.50e3	3.26e3	0.2500		3.20	3.20	14.6	39.888	99.7
5	5 PFHpA	363.0 > 318.9	7.53e3	5.96e3	0.2500		3.80	3.81	15.8	41.110	102.8
6	6 L-PFHxS	398.9 > 79.6	1.81e3	1.03e3	0.2500		3.95	3.95	21.9	38.768	96.9
7	8 6:2 FTS	427.1 > 407	1.88e3	8.77e3	0.2500		4.26	4.26	2.68	48.888	122.2
8	9 L-PFOA	413 > 368.7	7.24e3	8.77e3	0.2500		4.32	4.32	10.3	36.639	91.6
9	11 PFHpS	449 > 80.0	2.06e3	8.77e3	0.2500		4.43	4.42	2.94	46.805	117.0
10	12 PFNA	463.0 > 418.8	1.00e4	7.99e3	0.2500		4.75	4.75	15.7	42.637	106.6
11	13 PFOSA	498.1 > 77.8	1.23e3	1.27e3	0.2500		4.81	4.80	12.1	51.249	128.1
12	14 L-PFOS	499 > 79.9	1.83e3	2.28e3	0.2500		4.83	4.83	10.1	35.971	89.9
13	16 PFDA	513 > 468.8	7.98e3	6.90e3	0.2500		5.11	5.11	14.4	42.559	106.4
14	17 8:2 FTS	527 > 506.9	2.19e3	6.90e3	0.2500		5.09	5.08	3.96	61.962	154.9
15	18 N-MeFOSAA	570.1 > 419	3.91e3	3.03e3	0.2500		5.26	5.26	16.1	32.122	80.3
16	19 N-EtFOSAA	584.2 > 419	2.72e3	2.85e3	0.2500		5.42	5.42	11.9	36.903	92.3
17	20 PFUDa	563.0 > 518.9	6.24e3	6.84e3	0.2500		5.43	5.43	11.4	43.055	107.6
18	21 PFDS	598.8 > 80	2.24e3	6.84e3	0.2500		5.50	5.47	4.10	51.900	129.7
19	22 PFDoA	612.9 > 569.0	8.64e3	3.45e3	0.2500		5.70	5.70	31.3	59.711	149.3
20	23 N-MeFOSA	512.1 > 168.9	7.52e2		0.2500		5.77	5.77			
21	24 PFTrDA	662.9 > 618.9	6.26e3	4.86e3	0.2500		5.95	5.94	16.1	26.118	65.3
22	25 PFTeDA	712.9 > 668.8	6.07e3	4.86e3	0.2500		6.16	6.16	15.6	33.602	84.0
23	26 N-EtFOSA	526.1 > 168.9	1.06e3		0.2500		6.15	6.16			
24	27 PFHxDA	813.1 > 768.6	2.97e3	2.22e3	0.2500		6.48	6.48	6.67	43.805	109.5
25	28 PFODA	913.1 > 868.8	3.20e3	2.22e3	0.2500		6.70	6.70	7.19	39.899	99.7
26	29 N-MeFOSE	616.1 > 58.9	2.23e3		0.2500		6.30	6.30			
27	30 N-EtFOSE	630.1 > 58.9	2.62e3		0.2500		6.42	6.45			
28	31 13C3-PFBA	216.1 > 171.8	6.23e3	7.68e3	0.2500	0.895	1.47	1.48	10.1	45.288	90.6
29	32 13C3-PFPeA	266. > 221.8	8.81e3	1.10e4	0.2500	0.867	2.44	2.44	10.0	46.302	92.6
30	33 13C3-PFBS	302. > 98.8	1.14e3	1.10e4	0.2500	0.109	2.70	2.71	1.29	47.664	95.3
31	34 13C2-PFHxA	315 > 269.8	3.26e3	1.10e4	0.2500	0.777	3.20	3.20	3.71	19.093	95.5
32	35 13C4-PFHpA	367.2 > 321.8	5.96e3	1.10e4	0.2500	0.600	3.80	3.81	6.79	45.295	90.6

Dataset: U:\Q4.PRO\results\171224M1\171224M1_40.qld

Last Altered: Wednesday, January 17, 2018 08:42:36 Pacific Standard Time

Printed: Wednesday, January 17, 2018 08:55:35 Pacific Standard Time

Name: 171224M1_40, Date: 24-Dec-2017, Time: 19:41:36, ID: B7L0064-BS1 OPR 0.25, Description: OPR

#	Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	
33	36	18O2-PFHxS	403.0 > 102.6	1.03e3	2.64e3	0.2500	0.444	3.95	3.95	4.89	43.970	87.9
34	37	13C2-6:2 FTS	429.1 > 408.9	1.99e3	8.76e3	0.2500	0.385	4.26	4.27	2.84	29.560	59.1
35	38	13C2-PFOA	414.9 > 369.7	8.77e3	8.76e3	0.2500	1.237	4.32	4.32	12.5	40.437	80.9
36	39	13C5-PFNA	468.2 > 422.9	7.99e3	1.04e4	0.2500	0.911	4.75	4.75	9.58	42.030	84.1
37	40	13C8-PFOSA	506.1 > 77.7	1.27e3	1.17e4	0.2500	0.400	4.81	4.80	1.35	13.541	27.1
38	41	13C8-PFOS	507.0 > 79.9	2.28e3	2.62e3	0.2500	1.009	4.83	4.82	10.9	43.138	86.3
39	42	13C2-PFDA	515.1 > 469.9	6.90e3	5.70e3	0.2500	1.195	5.11	5.11	15.1	50.627	101.3
40	43	13C2-8:2 FTS	529.1 > 508.7	1.37e3	1.10e4	0.2500	0.168	5.09	5.08	1.56	37.050	74.1
41	44	d3-N-MeFOSAA	573.3 > 419	3.03e3	1.17e4	0.2500	0.418	5.26	5.26	3.23	30.889	61.8
42	45	d5-N-EtFOSAA	589.3 > 419	2.85e3	1.17e4	0.2500	0.445	5.42	5.41	3.04	27.353	54.7
43	46	13C2-PFUdA	565 > 519.8	6.84e3	1.17e4	0.2500	1.212	5.43	5.43	7.29	24.064	48.1
44	47	13C2-PFDoA	615.0 > 569.7	3.45e3	1.17e4	0.2500	0.685	5.70	5.70	3.67	21.444	42.9
45	48	d3-N-MeFOSA	515.2 > 168.9		1.17e4	0.2500	0.155	5.80				
46	49	13C2-PFTeDA	714.8 > 669.6	4.86e3	1.17e4	0.2500	0.597	6.16	6.15	5.17	34.685	69.4
47	50	d5-N-ETFOSA	531.1 > 168.9		1.17e4	0.2500	0.227	6.16				
48	51	13C2-PFHxDA	815 > 769.7	2.22e3	1.17e4	0.2500	0.902	6.48	6.48	2.37	10.499	52.5
49	52	d7-N-MeFOSE	623.1 > 58.9		1.17e4	0.2500	0.214	6.30				
50	53	d9-N-EtFOSE	639.2 > 58.8		1.17e4	0.2500	0.219	6.42				
51	54	13C4-PFBA	217. > 171.8	7.68e3	7.68e3	0.2500	1.000	1.47	1.48	12.5	50.000	100.0
52	55	13C5-PFHxA	318 > 272.9	1.10e4	1.10e4	0.2500	1.000	3.20	3.20	12.5	50.000	100.0
53	56	13C3-PFHxS	401.9 > 79.9	2.64e3	2.64e3	0.2500	1.000	3.95	3.95	12.5	50.000	100.0
54	57	13C8-PFOA	421.3 > 376	8.76e3	8.76e3	0.2500	1.000	4.32	4.32	12.5	50.000	100.0
55	58	13C9-PFNA	472.2 > 426.9	1.04e4	1.04e4	0.2500	1.000	4.75	4.75	12.5	50.000	100.0
56	59	13C4-PFOS	503 > 79.9	2.62e3	2.62e3	0.2500	1.000	4.83	4.83	12.5	50.000	100.0
57	60	13C6-PFDA	519.1 > 473.7	5.70e3	5.70e3	0.2500	1.000	5.11	5.11	12.5	50.000	100.0
58	61	13C7-PFUdA	570.1 > 524.8	1.17e4	1.17e4	0.2500	1.000	5.43	5.42	12.5	50.000	100.0

Dataset: U:\Q4.PRO\results\171224M1\171224M1_40.qld

Last Altered: Wednesday, January 17, 2018 08:42:36 Pacific Standard Time

Printed: Wednesday, January 17, 2018 08:55:35 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_122317.mdb 26 Dec 2017 14:44:36

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_12-24-17_NEWIS.cdb 26 Dec 2017 14:44:46

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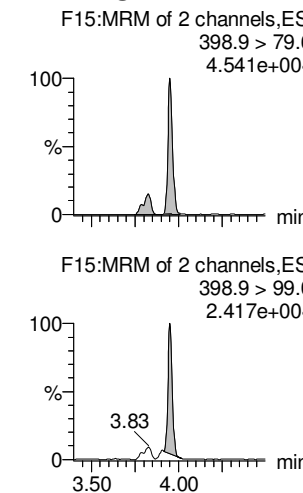
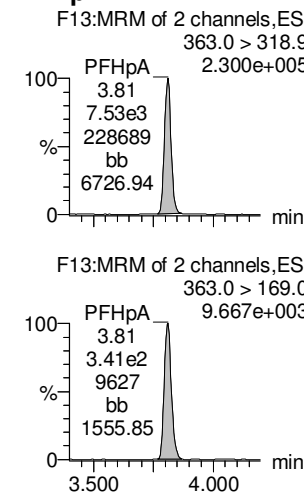
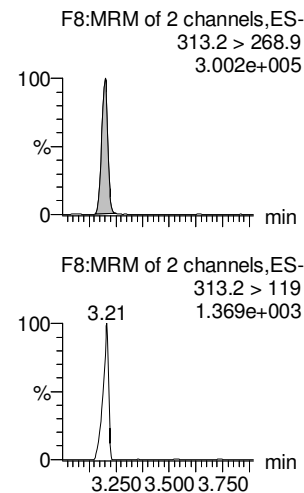
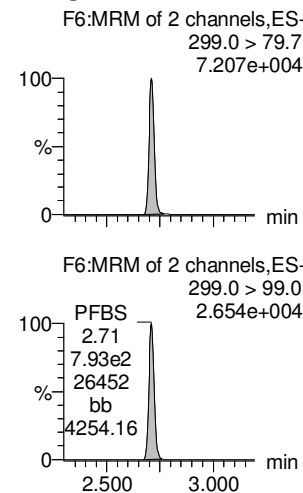
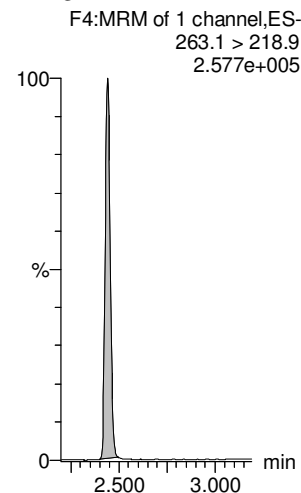
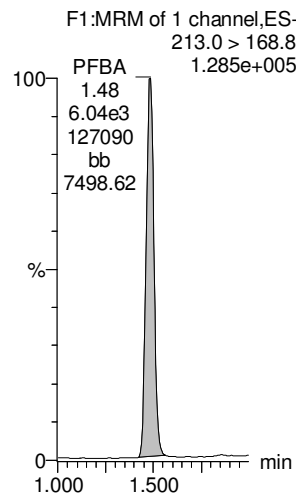
PFPeA

PFBS

PFHxA

PFHpA

L-PFHxS



13C3-PFBA

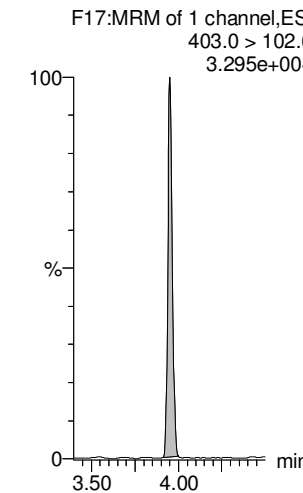
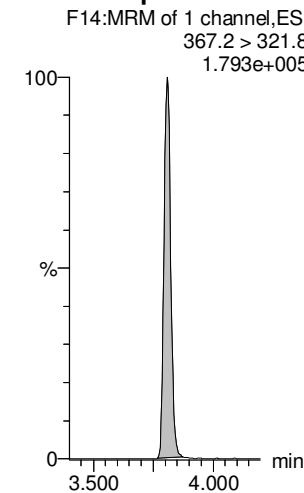
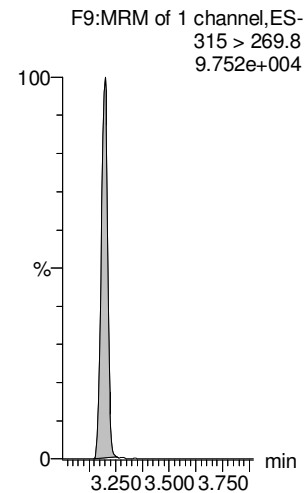
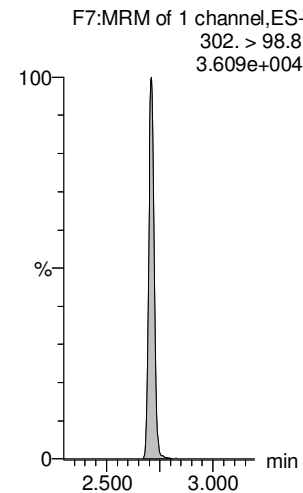
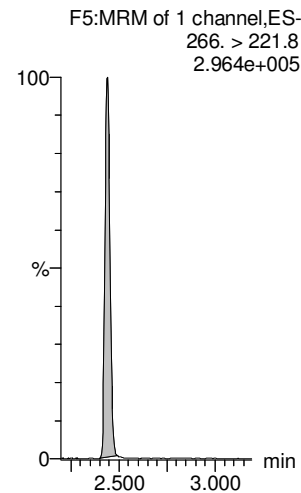
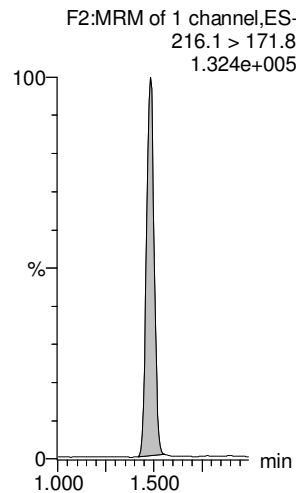
13C3-PFPeA

13C3-PFBS

13C2-PFHxA

13C4-PFHpA

18O2-PFHxS



Dataset: U:\Q4.PRO\results\171224M1\171224M1_40.qld

Last Altered: Wednesday, January 17, 2018 08:42:36 Pacific Standard Time

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Name: 171224M1_40, Date: 24-Dec-2017, Time: 19:41:36, ID: B7L0064-BS1 OPR 0.25, Description: OPR

6:2 FTS

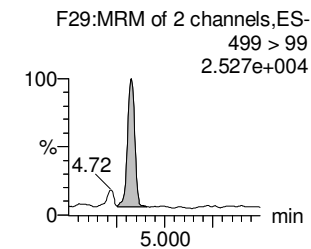
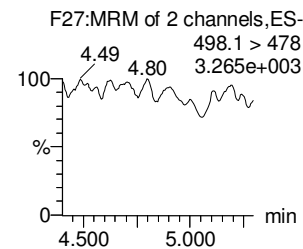
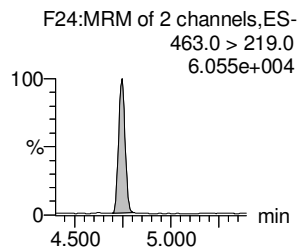
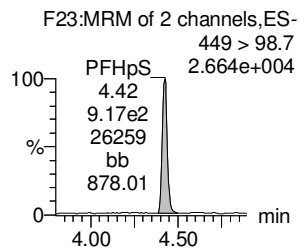
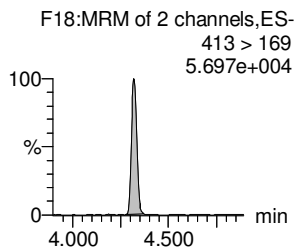
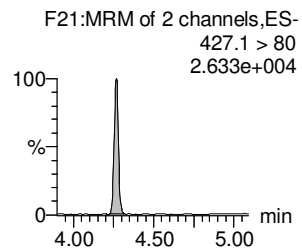
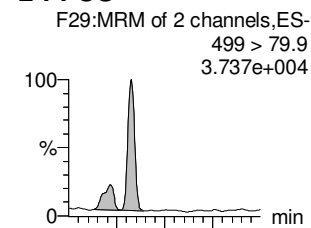
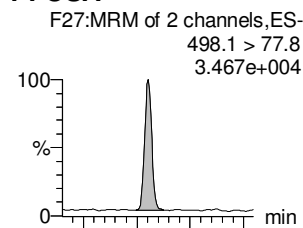
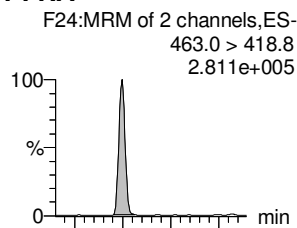
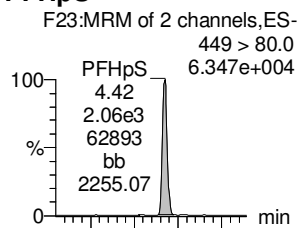
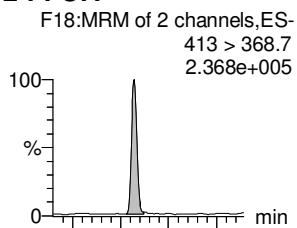
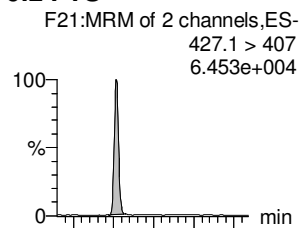
L-PFOA

PFHpS

PFNA

PFOSA

L-PFOS



13C2-6:2 FTS

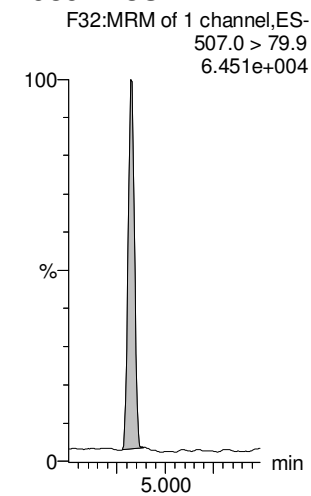
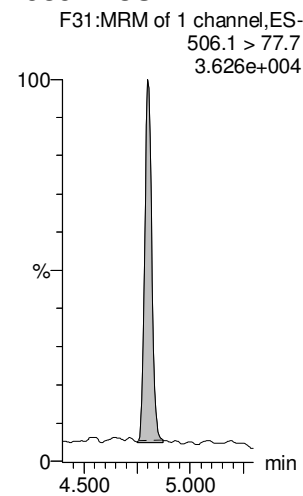
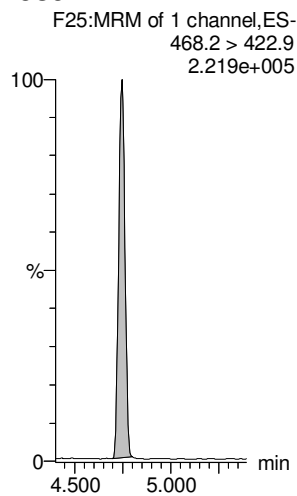
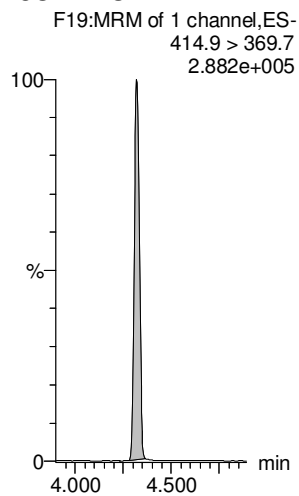
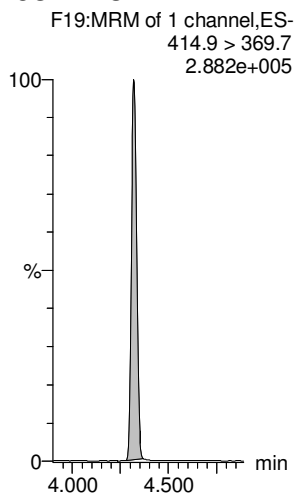
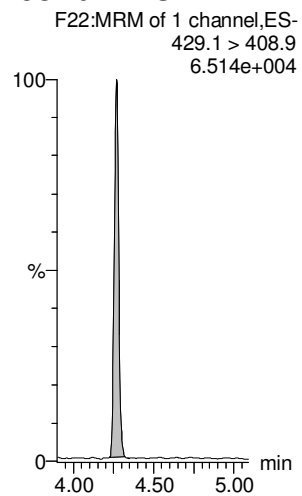
13C2-PFOA

13C2-PFOA

13C5-PFNA

13C8-PFOSA

13C8-PFOS



Dataset: U:\Q4.PRO\results\171224M1\171224M1_40.qld

Last Altered: Wednesday, January 17, 2018 08:42:36 Pacific Standard Time

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Name: 171224M1_40, Date: 24-Dec-2017, Time: 19:41:36, ID: B7L0064-BS1 OPR 0.25, Description: OPR

PFDA

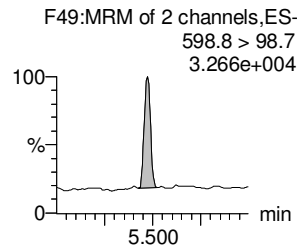
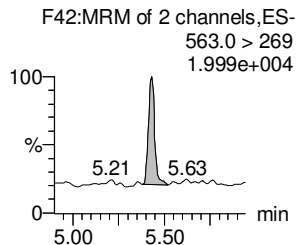
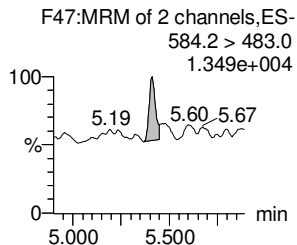
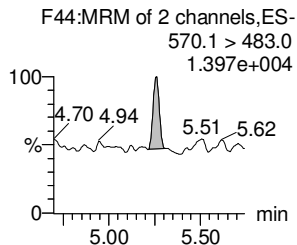
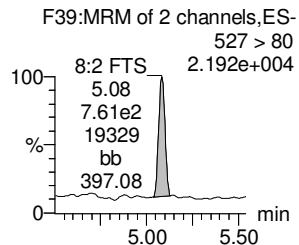
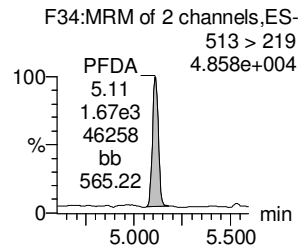
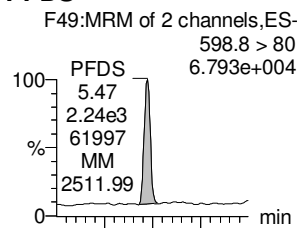
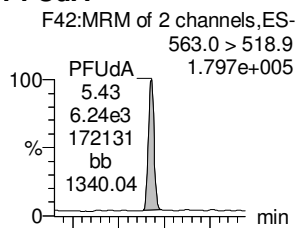
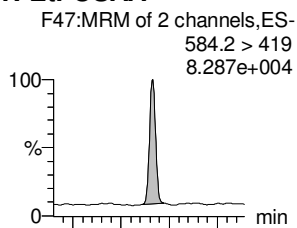
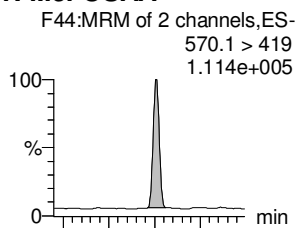
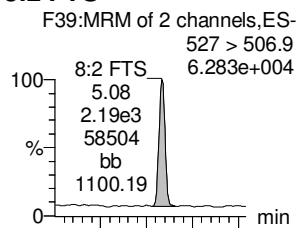
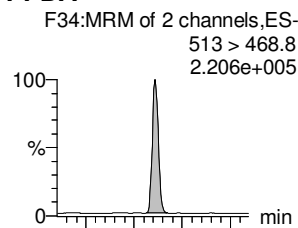
8:2 FTS

N-MeFOSAA

N-EtFOSAA

PFUdA

PFDS



13C2-PFDA

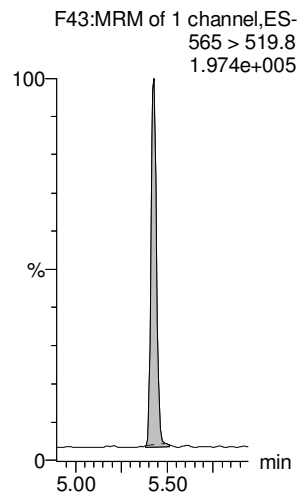
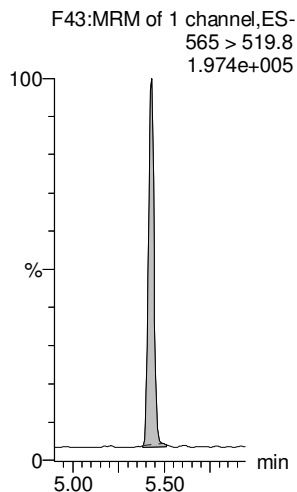
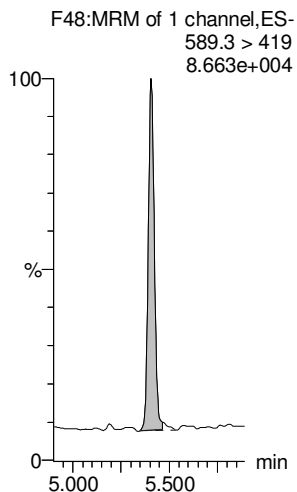
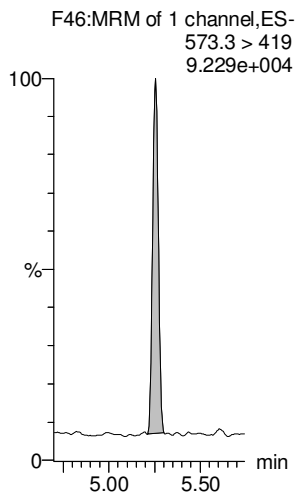
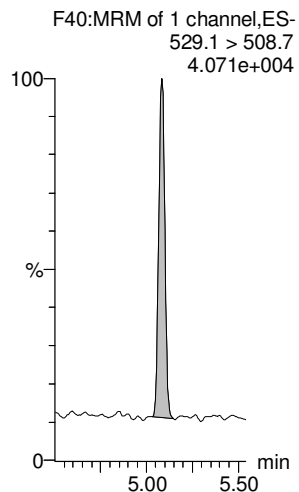
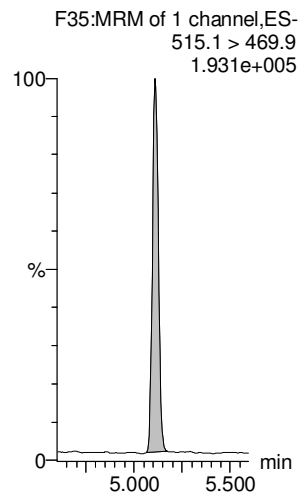
13C2-8:2 FTS

d3-N-MeFOSAA

d5-N-EtFOSAA

13C2-PFUdA

13C2-PFUdA



Dataset: U:\Q4.PRO\results\171224M1\171224M1_40.qld

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Name: 171224M1_40, Date: 24-Dec-2017, Time: 19:41:36, ID: B7L0064-BS1 OPR 0.25, Description: OPR

PFDaA

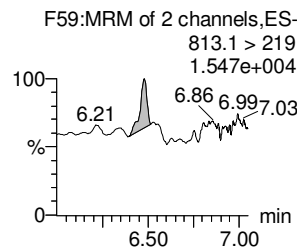
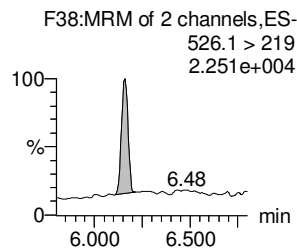
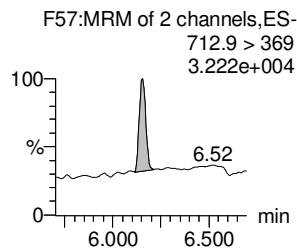
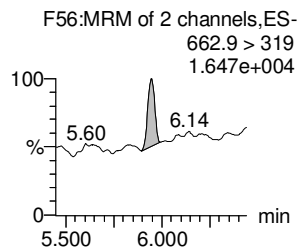
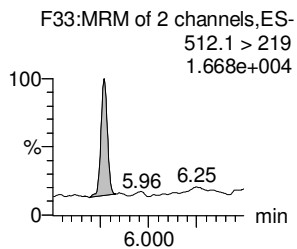
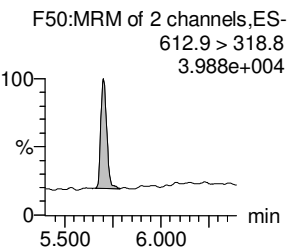
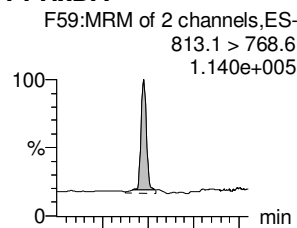
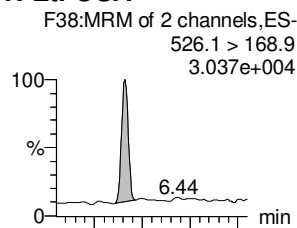
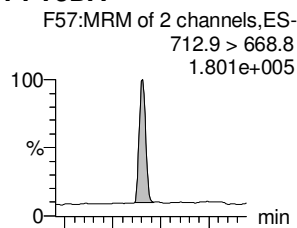
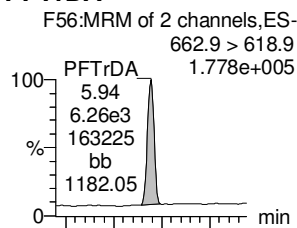
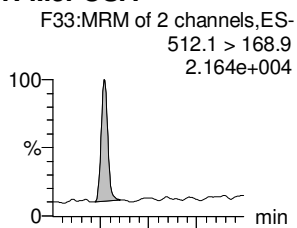
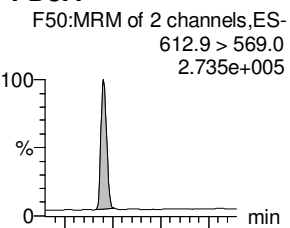
N-MeFOSA

PFTrDA

PFTeDA

N-EtFOSA

PFHxDA



13C2-PFDaA

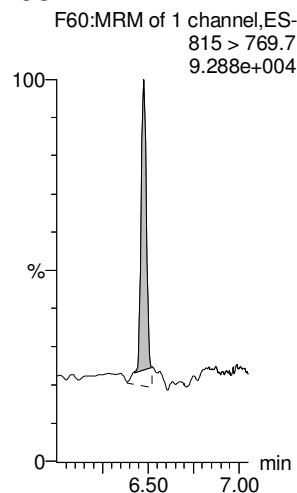
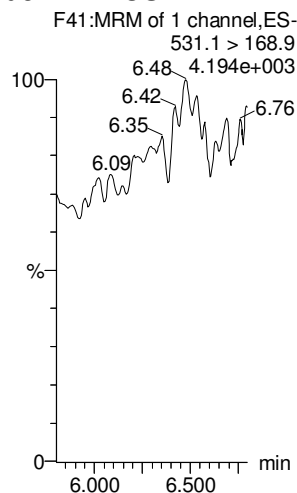
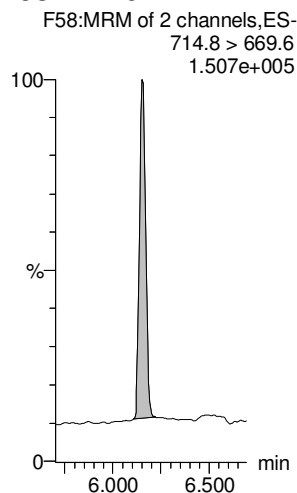
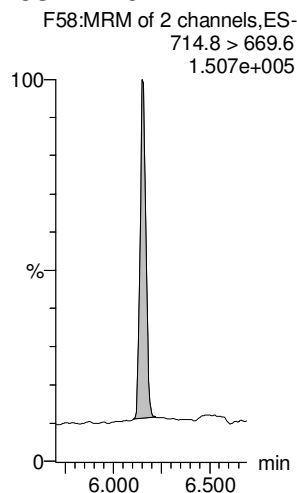
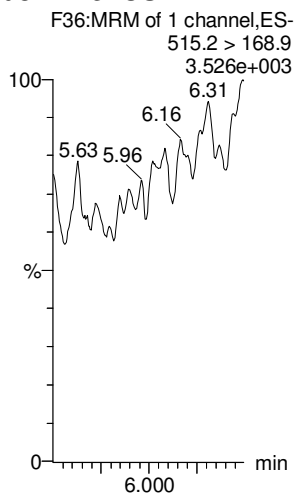
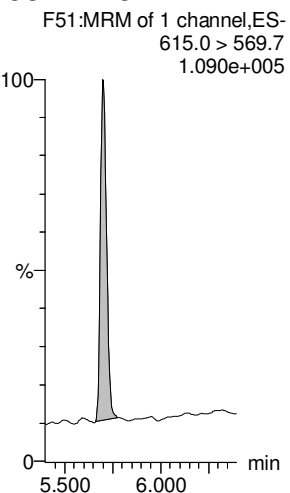
d3-N-MeFOSA

13C2-PFTeDA

13C2-PFTeDA

d5-N-ETFOSA

13C2-PFHxDA



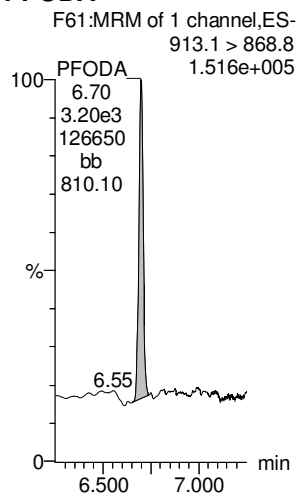
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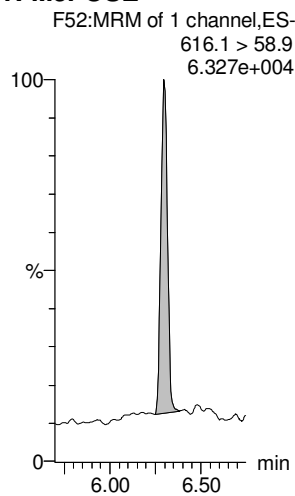
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Name: 171224M1_40, Date: 24-Dec-2017, Time: 19:41:36, ID: B7L0064-BS1 OPR 0.25, Description: OPR

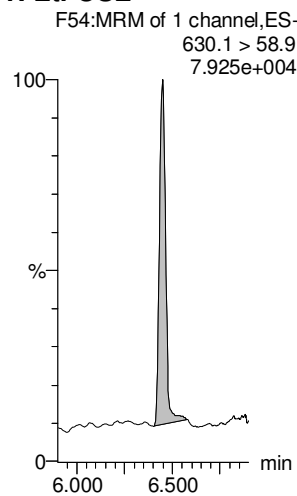
PFODA



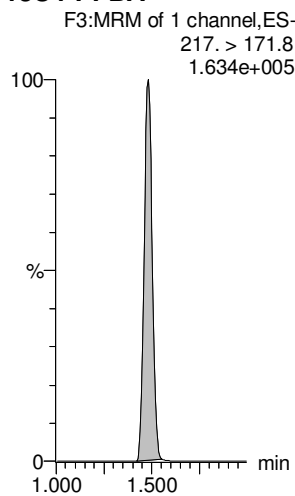
N-MeFOSE



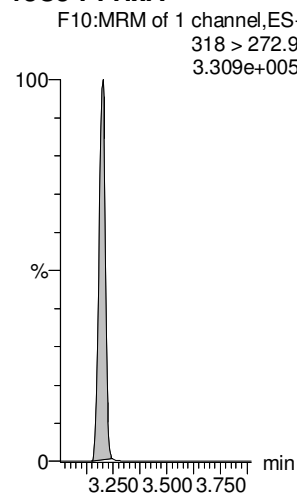
N-EtFOSE



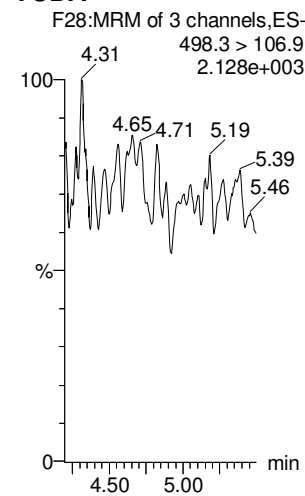
13C4-PFBA



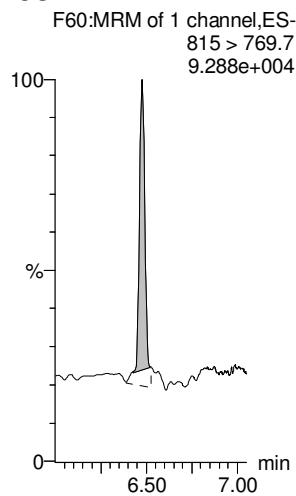
13C5-PFHxA



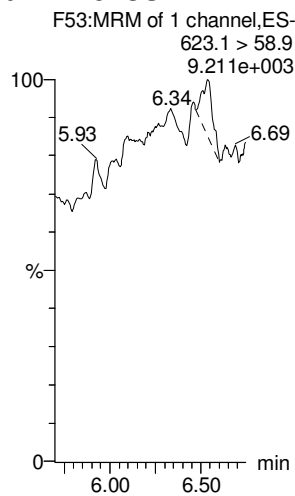
TCDA



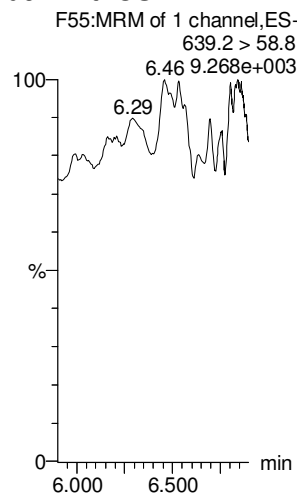
13C2-PFHxDA



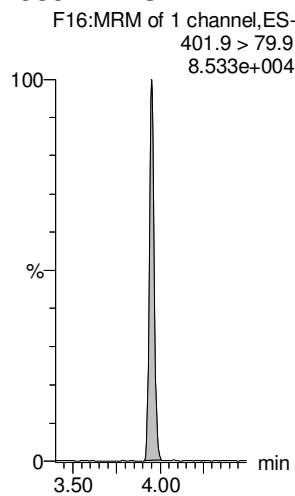
d7-N-MeFOSE



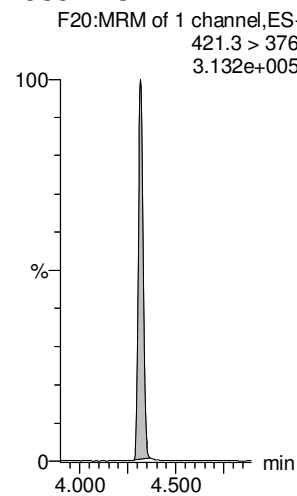
d9-N-EtFOSE



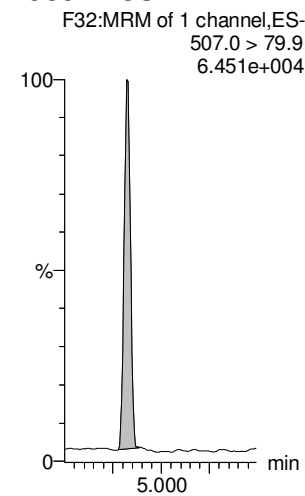
13C3-PFHxS



13C8-PFOA



13C8-PFOS



Dataset: U:\Q4.PRO\results\171224M1\171224M1_40.qld

Last Altered: Wednesday, January 17, 2018 08:42:36 Pacific Standard Time

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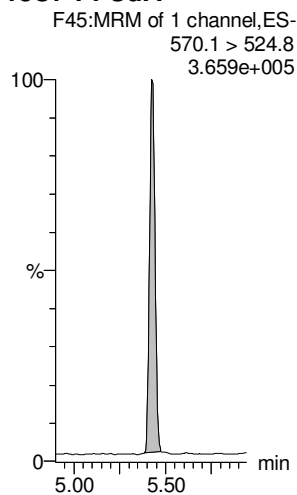
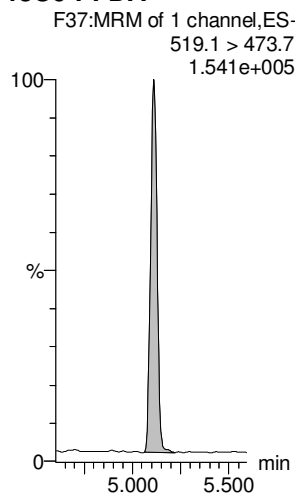
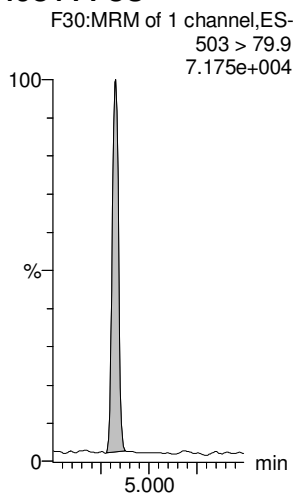
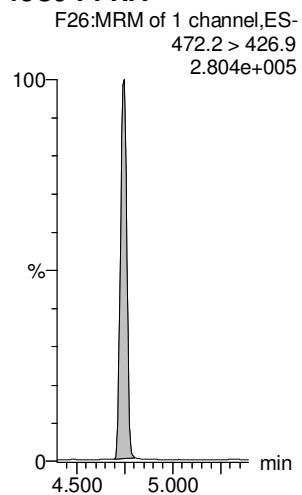
Name: 171224M1_40, Date: 24-Dec-2017, Time: 19:41:36, ID: B7L0064-BS1 OPR 0.25, Description: OPR

13C9-PFNA

13C4-PFOS

13C6-PFDA

13C7-PFUdA



Dataset: U:\Q4.PRO\results\180110M3\180110M3_59.qld

Last Altered: Friday, January 12, 2018 16:09:26 Pacific Standard Time

Printed: Friday, January 12, 2018 16:10:01 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_010818C.mdb 11 Jan 2018 15:33:36

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_01-10-18-FULL-M3.cdb 11 Jan 2018 14:26:30

Name: 180110M3_59, Date: 11-Jan-2018, Time: 20:11:21, ID: 1701852-01 IR03-MW034-C2-17D 0.26646, Description: IR03-MW034-C2-17D

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1	3	PFBS	299.0 > 79.7	3.14e4	8.00e2	0.266		2.66	2.58	491	802.7309	
2	4	PFHxA	313.2 > 268.9	4.27e5	1.73e3	0.266		3.15	3.07	1240	2393.4965 E	
3	5	PFHpA	363.0 > 318.9	7.14e4	4.28e3	0.266		3.78	3.70	208	472.9610	
4	6	L-PFHxS	398.9 > 79.6	1.10e5	4.91e2	0.266		3.94	3.85	2800	4967.7301 E	
5	9	L-PFOA	413 > 368.7	8.90e5	5.58e3	0.266		4.31	4.23	1990	6912.3548 E	
6	12	PFNA	463.0 > 418.8	5.33e3	5.14e3	0.266		4.81	4.55	13.0	34.3609	
7	14	L-PFOS	499 > 79.9	2.08e5	1.29e3	0.266		4.75	4.60	2010	6802.7955 E	
8	16	PFDA	513 > 468.8		4.59e3	0.266		5.18				
9	18	N-MeFOSAA	570.1 > 419		2.06e3	0.266		5.32				
10	19	N-EtFOSAA	584.2 > 419		2.34e3	0.266		5.48				
11	20	PFUdA	563.0 > 518.9		4.36e3	0.266		5.50				
12	22	PFDoA	612.9 > 569.0		3.49e3	0.266		5.77				

Dataset: U:\Q4.PRO\results\180110M3\180110M3_59.qld

Last Altered: Friday, January 12, 2018 16:09:26 Pacific Standard Time

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Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_01-10-18-FULL-M3.cdb 11 Jan 2018 14:26:30

Name: 180110M3_59, Date: 11-Jan-2018, Time: 20:11:21, ID: 1701852-01 IR03-MW034-C2-17D 0.26646, Description: IR03-MW034-C2-17D

#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	
1	24	PFTrDA	662.9 > 618.9	3.49e3	0.266		6.00					
2	25	PFTeDA	712.9 > 668.8	1.71e3	0.266		6.22					
3	33	13C3-PFBS	302. > 98.8	8.00e2	6.06e3	0.266	0.095	2.77	2.58	1.65	64.9855	138.5
4	34	13C2-PFHxA	315 > 269.8	1.73e3	6.06e3	0.266	0.597	3.15	3.08	3.57	22.4204	119.5
5	35	13C4-PFHpA	367.2 > 321.8	4.28e3	6.06e3	0.266	0.604	3.78	3.70	8.84	54.8978	117.0
6	36	18O2-PFHxS	403.0 > 102.6	4.91e2	1.39e3	0.266	0.293	3.94	3.85	4.41	56.5045	120.4
7	37	13C2-6:2 FTS	429.1 > 408.9	1.63e3	5.02e3	0.266	0.215	4.25	4.17	4.06	70.8714	151.1
8	38	13C2-PFOA	414.9 > 369.7	5.58e3	5.02e3	0.266	0.916	4.31	4.22	13.9	57.0234	121.6
9	39	13C5-PFNA	468.2 > 422.9	5.14e3	7.38e3	0.266	0.817	4.81	4.66	8.71	39.9914	85.2
10	40	13C8-PFOSA	506.1 > 77.7	9.90e2	6.50e3	0.266	0.223	4.87	4.72	1.90	32.0195	68.3
11	41	13C8-PFOS	507.0 > 79.9	1.29e3	1.61e3	0.266	0.875	4.89	4.75	10.0	43.0701	91.8
12	42	13C2-PFDA	515.1 > 469.9	4.59e3	5.07e3	0.266	1.105	5.18	5.04	11.3	38.4419	81.9
13	43	13C2-8:2 FTS	529.1 > 508.7	5.65e2	6.06e3	0.266	0.101	5.15	5.01	1.17	43.4231	92.6
14	44	d3-N-MeFOSAA	573.3 > 419	2.06e3	6.50e3	0.266	0.345	5.32	5.18	3.96	43.0319	91.7
15	45	d5-N-EtFOSAA	589.3 > 419	2.34e3	6.50e3	0.266	0.390	5.47	5.34	4.51	43.3162	92.3
16	46	13C2-PFUdA	565 > 519.8	4.36e3	6.50e3	0.266	0.958	5.49	5.36	8.37	32.7964	69.9
17	47	13C2-PFDoA	615.0 > 569.7	3.49e3	6.50e3	0.266	0.599	5.77	5.65	6.71	42.0426	89.6
18	49	13C2-PFTeDA	714.8 > 669.6	1.71e3	6.50e3	0.266	0.282	6.22	6.11	3.30	43.9030	93.6
19	55	13C5-PFHxA	318 > 272.9	6.06e3	6.06e3	0.266	1.000	3.15	3.08	12.5	46.9114	100.0
20	56	13C3-PFHxS	401.9 > 79.9	1.39e3	1.39e3	0.266	1.000	4.02	3.85	12.5	46.9114	100.0
21	57	13C8-PFOA	421.3 > 376	5.02e3	5.02e3	0.266	1.000	4.38	4.23	12.5	46.9114	100.0
22	58	13C9-PFNA	472.2 > 426.9	7.38e3	7.38e3	0.266	1.000	4.81	4.66	12.5	46.9114	100.0
23	59	13C4-PFOS	503 > 79.9	1.61e3	1.61e3	0.266	1.000	4.89	4.75	12.5	46.9114	100.0
24	60	13C6-PFDA	519.1 > 473.7	5.07e3	5.07e3	0.266	1.000	5.18	5.04	12.5	46.9114	100.0
25	61	13C7-PFUdA	570.1 > 524.8	6.50e3	6.50e3	0.266	1.000	5.49	5.36	12.5	46.9114	100.0
26	62	Total PFHxS	398.9 > 79.6	1.10e5	4.91e2	0.266		4.14		2800	4967.7301	
27	63	Total PFOA	413 > 368.7	1.08e6	5.58e3	0.266		4.51		2420	8218.1721	
28	64	Total PFOS	499 > 79.9	2.08e5	1.29e3	0.266		4.75		2010	6802.7955	
29	65	Total N-MeFOSAA	570.1 > 419	0.00e0	2.06e3	0.266		5.45		0.000		
30	66	Total N-EtFOSAA	584.2 > 419	0.00e0	2.34e3	0.266		5.61		0.000		

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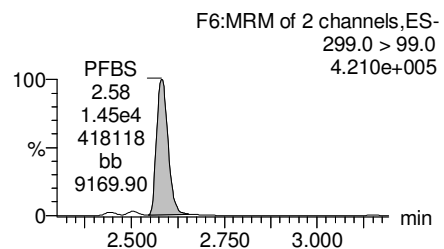
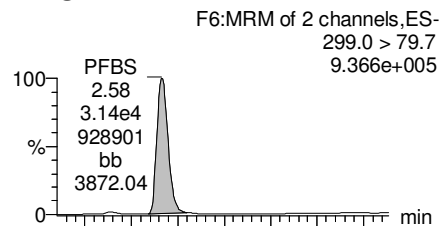
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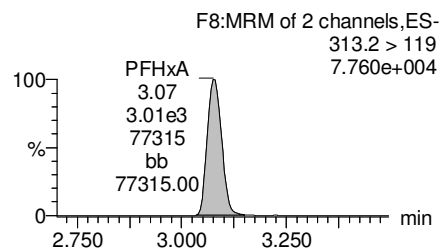
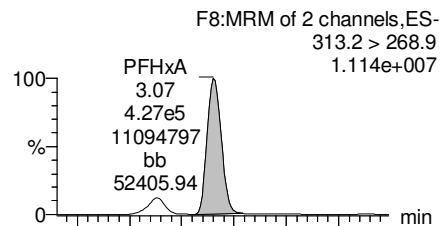
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Name: 180110M3_59, Date: 11-Jan-2018, Time: 20:11:21, ID: 1701852-01 IR03-MW034-C2-17D 0.26646, Description: IR03-MW034-C2-17D

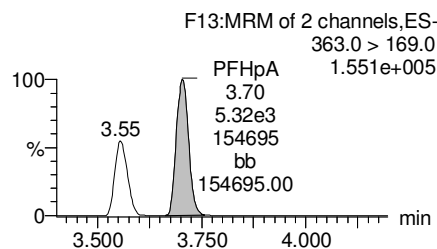
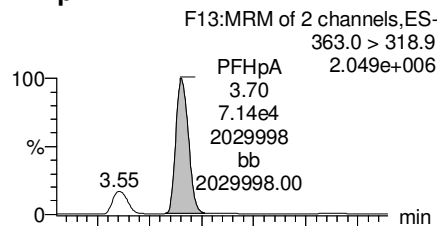
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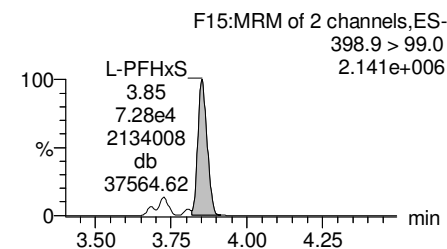
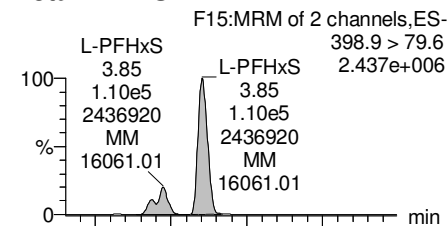
PFHxA



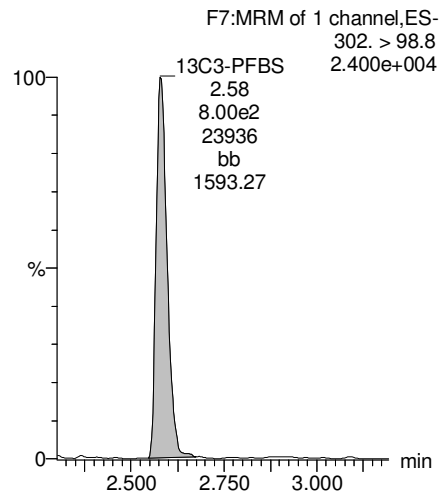
PFHpA



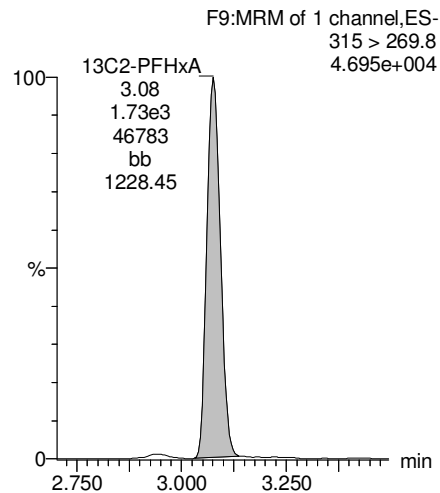
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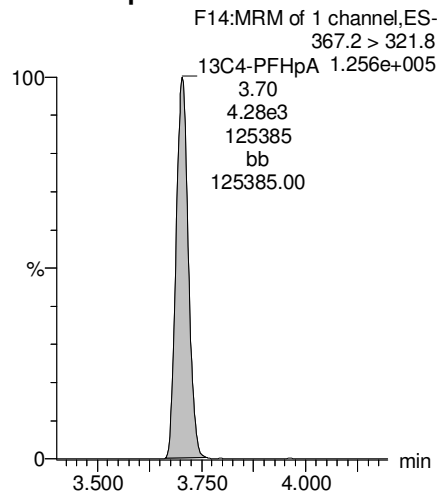
13C3-PFBS



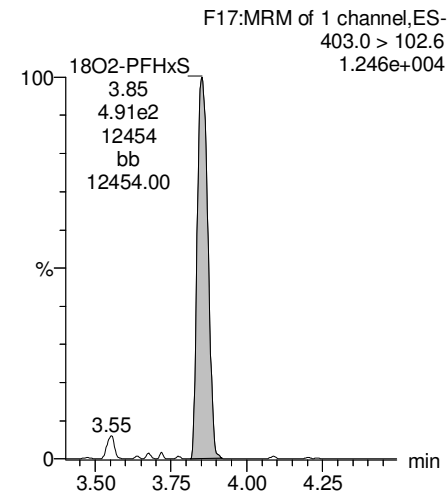
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



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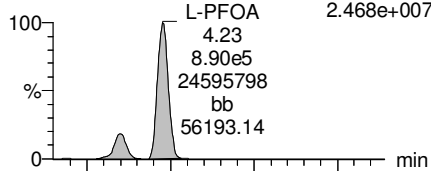
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Name: 180110M3_59, Date: 11-Jan-2018, Time: 20:11:21, ID: 1701852-01 IR03-MW034-C2-17D 0.26646, Description: IR03-MW034-C2-17D

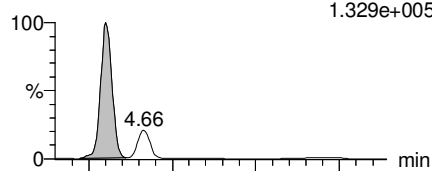
Total PFOA

F18:MRM of 2 channels,ES-
413 > 368.7
2.468e+007



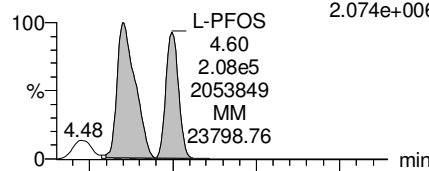
PFNA

F24:MRM of 2 channels,ES-
463.0 > 418.8
1.329e+005



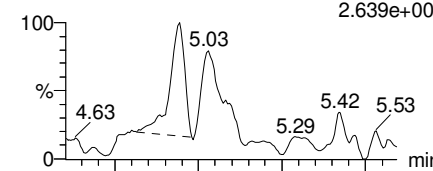
Total PFOS

F29:MRM of 2 channels,ES-
499 > 79.9
2.074e+006

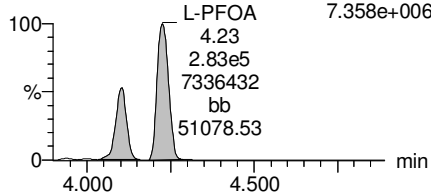


PFDA

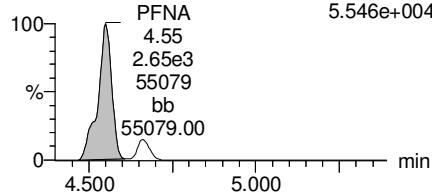
F34:MRM of 2 channels,ES-
513 > 468.8
2.639e+003



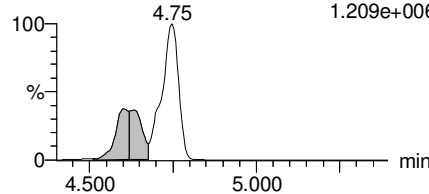
F18:MRM of 2 channels,ES-
413 > 169
7.358e+006



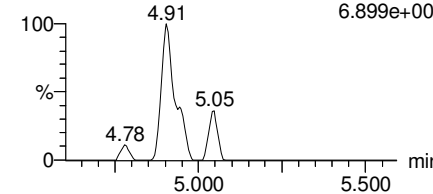
F24:MRM of 2 channels,ES-
463.0 > 219.0
5.546e+004



F29:MRM of 2 channels,ES-
499 > 99
1.209e+006

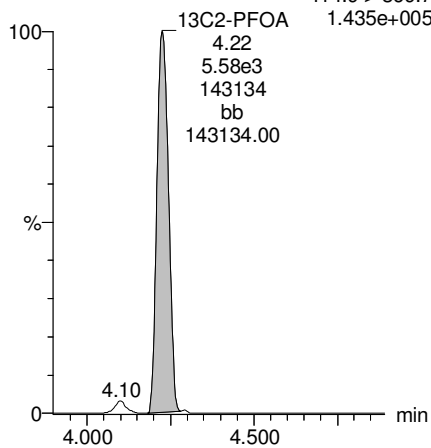


F34:MRM of 2 channels,ES-
513 > 219
6.899e+002



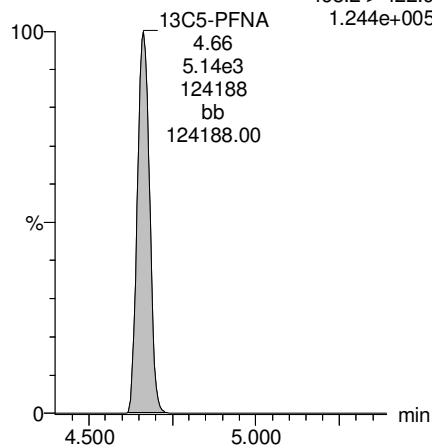
13C2-PFOA

F19:MRM of 1 channel,ES-
414.9 > 369.7
1.435e+005



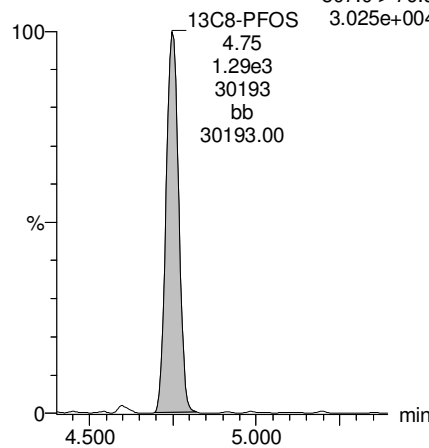
13C5-PFNA

F25:MRM of 1 channel,ES-
468.2 > 422.9
1.244e+005



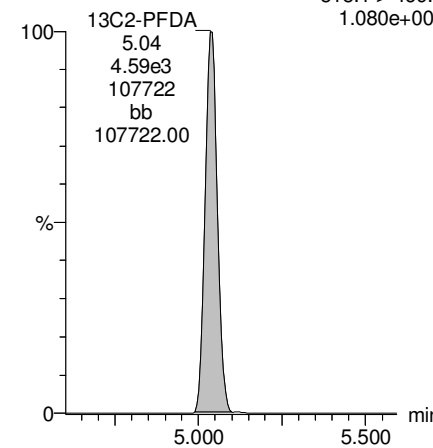
13C8-PFOS

F32:MRM of 1 channel,ES-
507.0 > 79.9
3.025e+004



13C2-PFDA

F35:MRM of 1 channel,ES-
515.1 > 469.9
1.080e+005



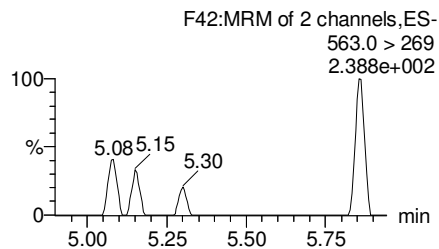
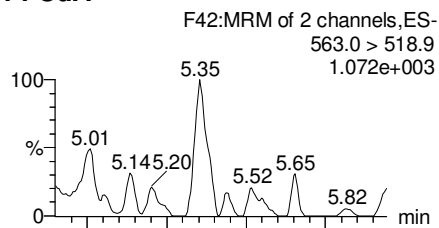
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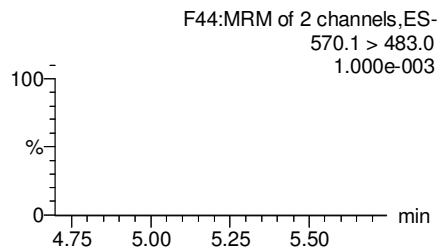
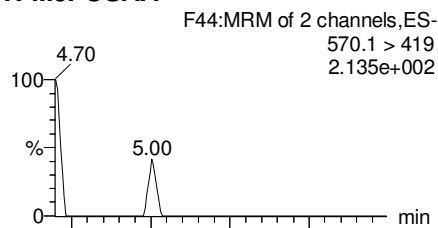
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Name: 180110M3_59, Date: 11-Jan-2018, Time: 20:11:21, ID: 1701852-01 IR03-MW034-C2-17D 0.26646, Description: IR03-MW034-C2-17D

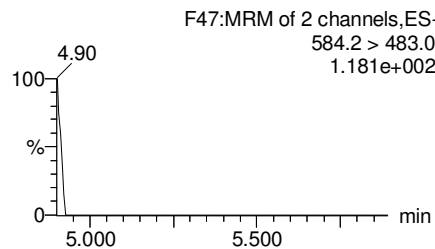
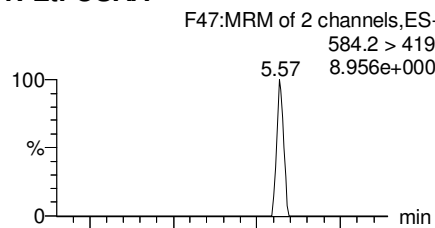
PFUdA



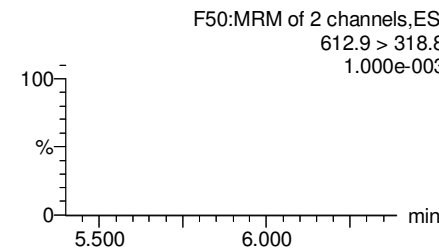
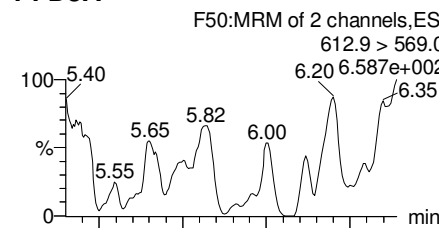
N-MeFOSAA



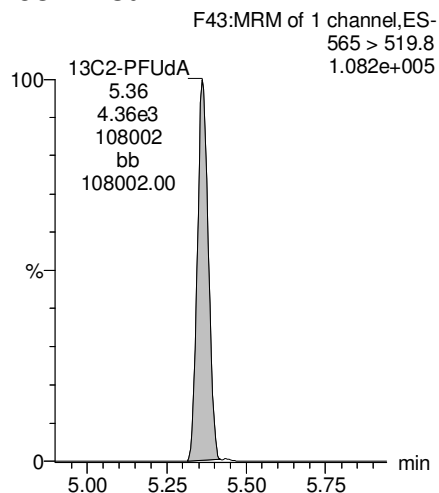
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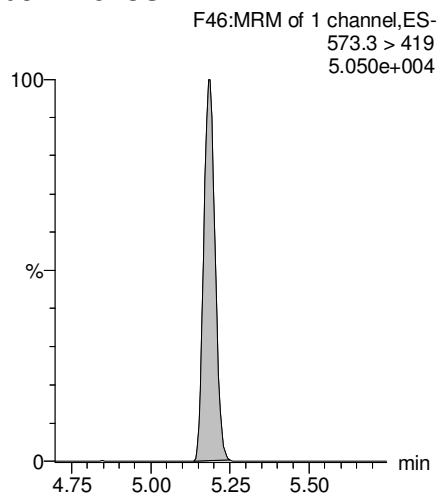
PFDaA



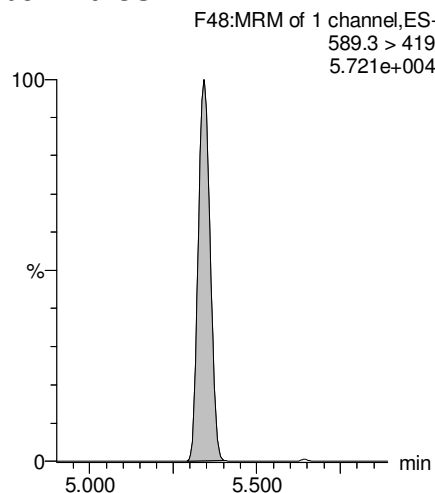
13C2-PFUdA



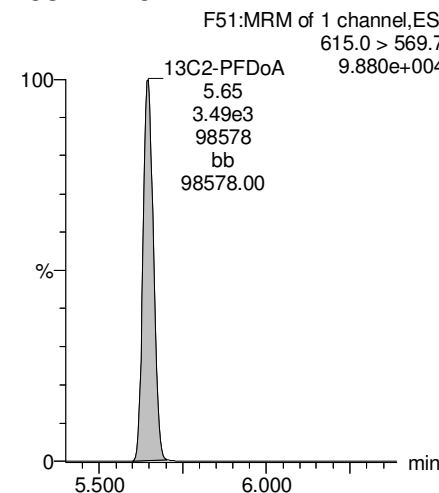
d3-N-MeFOSAA



d5-N-EtFOSAA



13C2-PFDaA



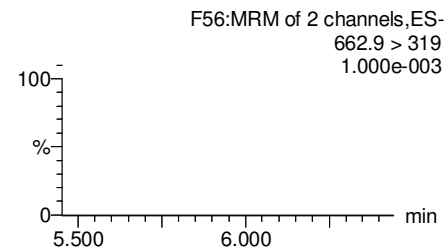
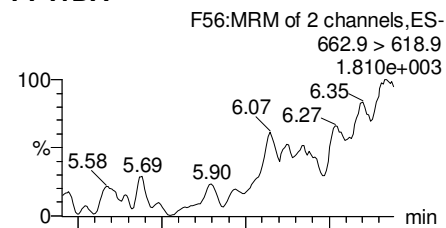
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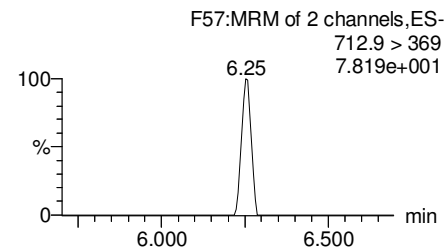
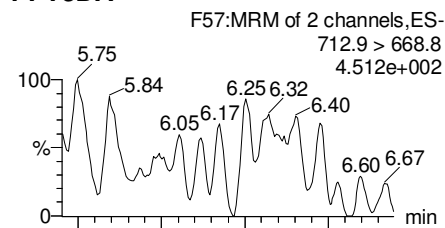
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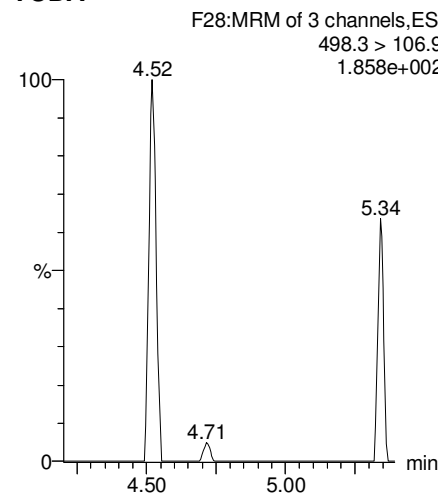
PFTrDA



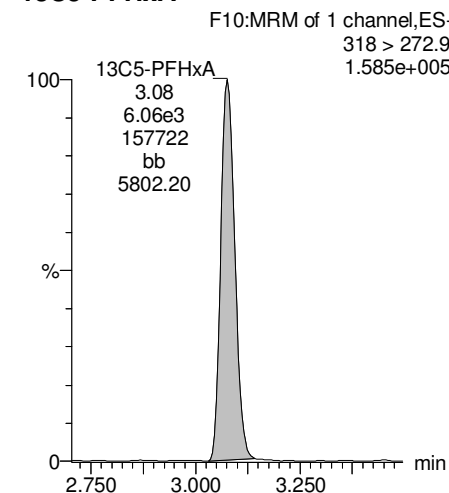
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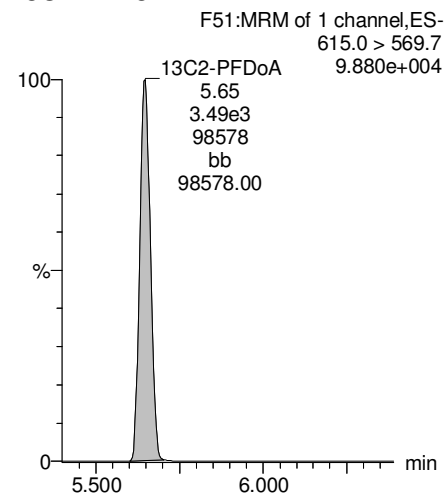
TCDA



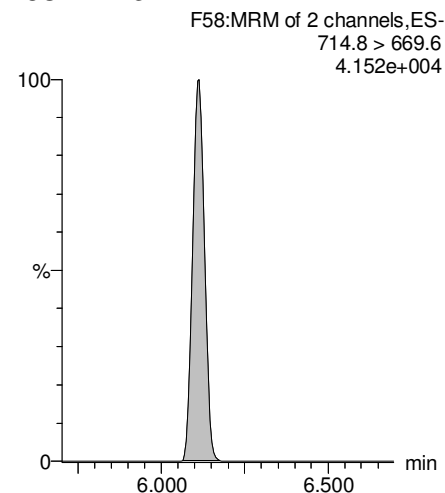
13C5-PFHxA



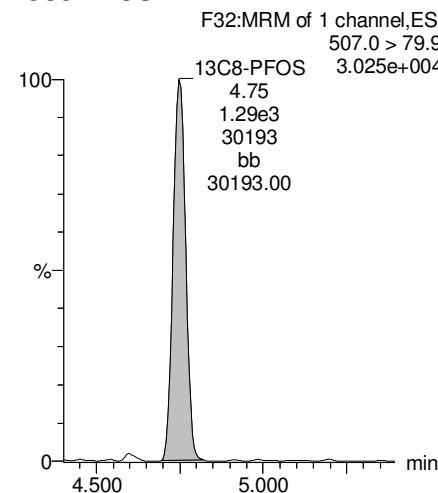
13C2-PFDoA



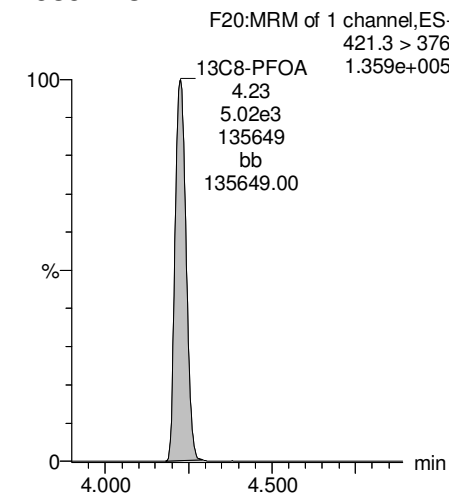
13C2-PFTeDA



13C8-PFOS



13C8-PFOA



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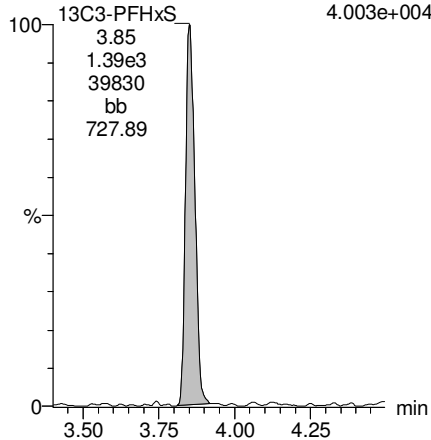
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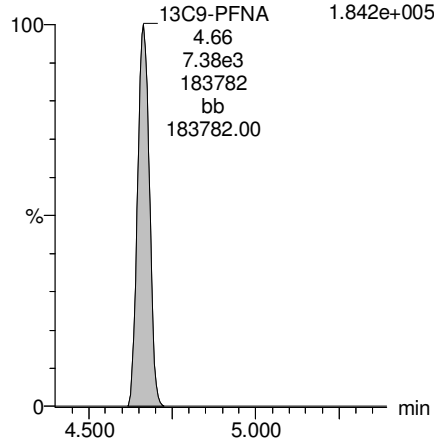
13C3-PFHxS

F16:MRM of 1 channel,ES-
401.9 > 79.9
4.003e+004



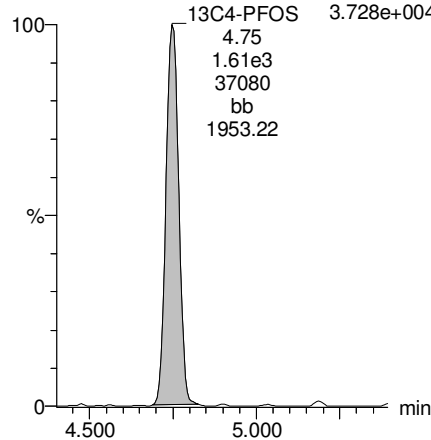
13C9-PFNA

F26:MRM of 1 channel,ES-
472.2 > 426.9
1.842e+005



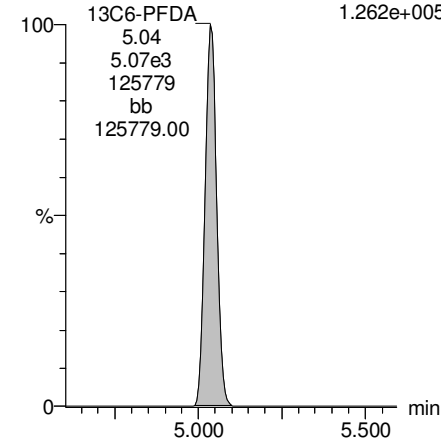
13C4-PFOS

F30:MRM of 1 channel,ES-
503 > 79.9
3.728e+004



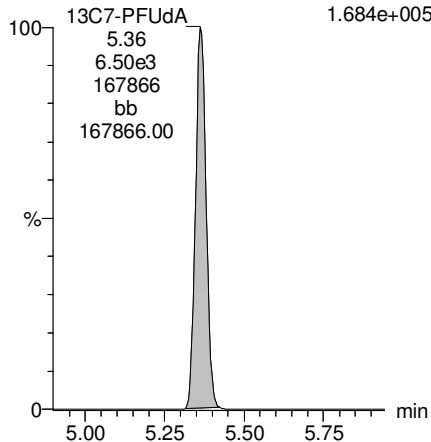
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
1.262e+005



13C7-PFUdA

F45:MRM of 1 channel,ES-
570.1 > 524.8
1.684e+005



Dataset: U:\Q4.PRO\results\180115M2\180115M2-63.qld

Last Altered: Tuesday, January 16, 2018 13:43:34 Pacific Standard Time

Printed: Tuesday, January 16, 2018 13:47:05 Pacific Standard Time

-UNITS ARE IN ug/L

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_011518.mdb 16 Jan 2018 12:59:09

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_01-15-18-FULL-OLD.cdb 16 Jan 2018 10:22:57

Name: 180115M2_63, Date: 16-Jan-2018, Time: 12:11:26, ID: 1701852-01@20X IR03-MW034-C2-17D 0.26646, Description: IR03-MW034-C2-17D

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	4 PFHxA	313.2 > 268.9	3.39e4	1.49e2	0.266		3.36	3.22	1.14	2.4031	
2	6 L-PFHxS	398.9 > 79.6	8.90e3	4.31e1	0.266		4.14	3.97	2.58	4.5478	
3	9 L-PFOA	413 > 368.7	7.50e4	4.35e2	0.266		4.34	4.34	2.16	6.0317	
4	14 L-PFOS	499 > 79.9	1.61e4	1.22e2	0.266		5.02	4.85	1.64	5.7024	
5	34 13C2-PFHxA	315 > 269.8	1.49e2	4.86e2	0.266	0.636	3.36	3.22	0.00383	0.0226	120.4
6	36 18O2-PFHxS	403.0 > 102.6	4.31e1	9.95e1	0.266	0.336	4.14	3.97	0.00541	0.0605	128.9
7	38 13C2-PFOA	414.9 > 369.7	4.35e2	4.07e2	0.266	1.001	4.50	4.35	0.0134	0.0502	106.9
8	41 13C8-PFOS	507.0 > 79.9	1.22e2	1.03e2	0.266	0.862	5.02	4.85	0.0148	0.0645	137.4

Dataset: U:\Q4.PRO\results\180115M2\180115M2-63.qld

Last Altered: Tuesday, January 16, 2018 13:43:34 Pacific Standard Time

Printed: Tuesday, January 16, 2018 13:49:39 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_011518.mdb 16 Jan 2018 12:59:09

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_01-15-18-FULL-OLD.cdb 16 Jan 2018 10:22:57

Name: 180115M2_63, Date: 16-Jan-2018, Time: 12:11:26, ID: 1701852-01@20X IR03-MW034-C2-17D 0.26646, Description: IR03-MW034-C2-17D

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	55 13C5-PFHxA	318 > 272.9	4.86e2	4.86e2	0.266	1.000	3.36	3.22	0.0125	0.0469	100.0
2	56 13C3-PFHxS	401.9 > 79.9	9.95e1	9.95e1	0.266	1.000	4.14	3.97	0.0125	0.0469	100.0
3	57 13C8-PFOA	421.3 > 376	4.07e2	4.07e2	0.266	1.000	4.50	4.34	0.0125	0.0469	100.0
4	59 13C4-PFOS	503 > 79.9	1.03e2	1.03e2	0.266	1.000	5.02	4.85	0.0125	0.0469	100.0
5	62 Total PFHxS	398.9 > 79.6	8.90e3	4.31e1	0.266		4.14		2.58	4.5478	
6	63 Total PFOA	413 > 368.7	9.10e4	4.35e2	0.266		4.51		2.61	6.3738	
7	64 Total PFOS	499 > 79.9	1.61e4	1.22e2	0.266		5.02		1.64	5.7024	

Dataset: U:\Q4.PRO\results\180115M2\180115M2-63.qld

Last Altered: Tuesday, January 16, 2018 13:43:34 Pacific Standard Time

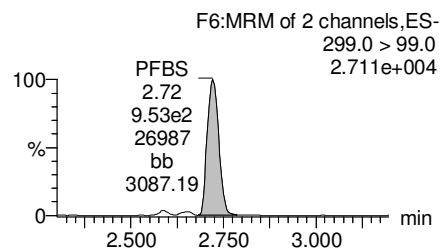
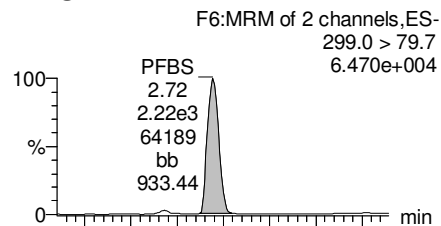
Printed: Tuesday, January 16, 2018 13:47:16 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_011518.mdb 16 Jan 2018 12:59:09

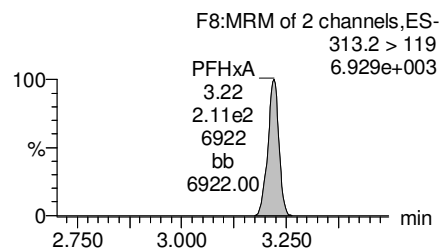
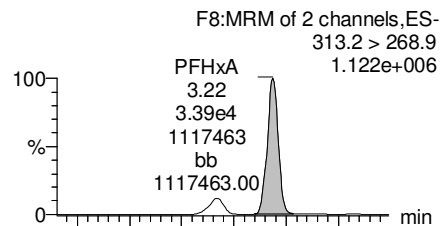
Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_01-15-18-FULL-OLD.cdb 16 Jan 2018 10:22:57

Name: 180115M2_63, Date: 16-Jan-2018, Time: 12:11:26, ID: 1701852-01@20X IR03-MW034-C2-17D 0.26646, Description: IR03-MW034-C2-17D

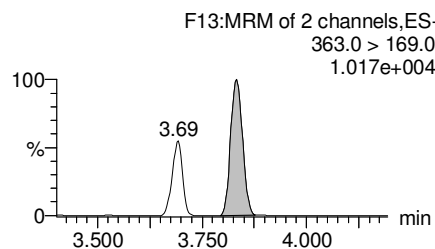
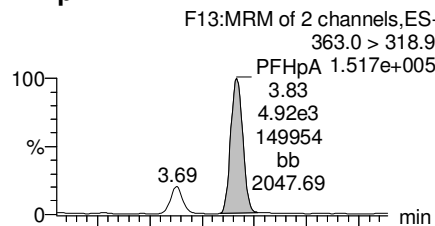
PFBS



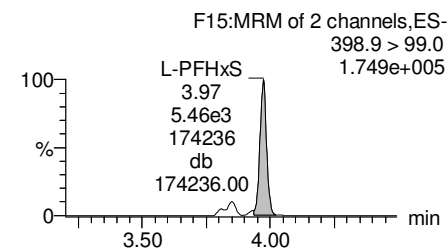
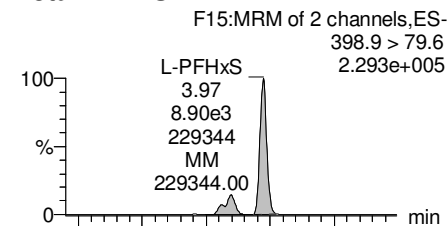
PFHxA



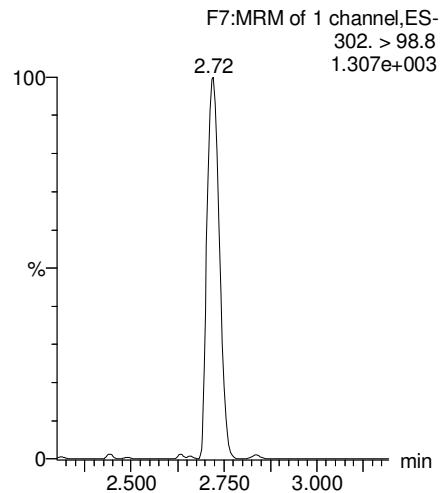
PFHpA



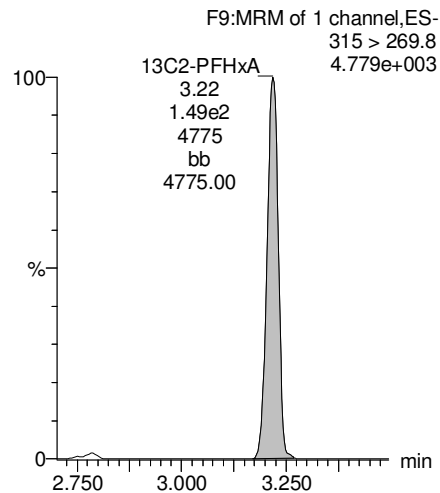
Total PFHxS



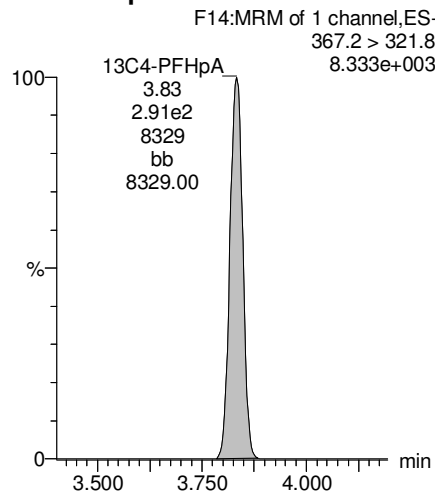
13C3-PFBS



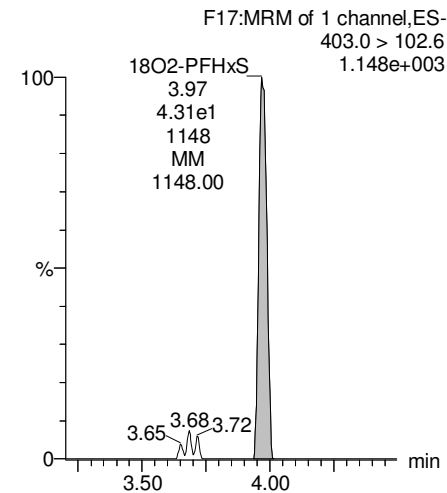
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



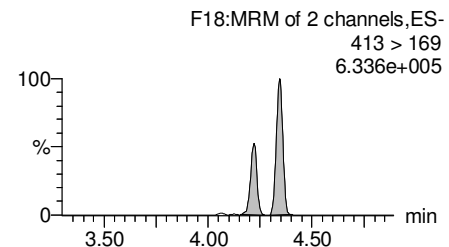
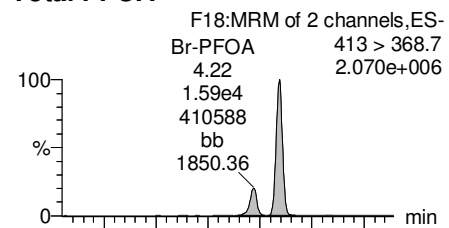
Dataset: U:\Q4.PRO\results\180115M2\180115M2-63.qld

Last Altered: Tuesday, January 16, 2018 13:43:34 Pacific Standard Time

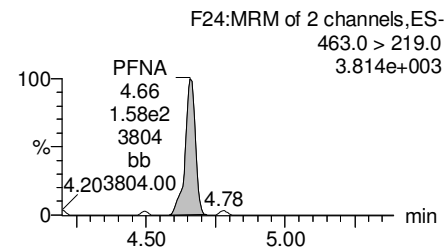
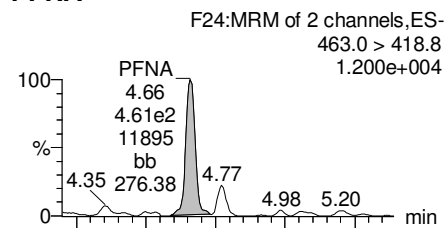
Printed: Tuesday, January 16, 2018 13:47:16 Pacific Standard Time

Name: 180115M2_63, Date: 16-Jan-2018, Time: 12:11:26, ID: 1701852-01@20X IR03-MW034-C2-17D 0.26646, Description: IR03-MW034-C2-17D

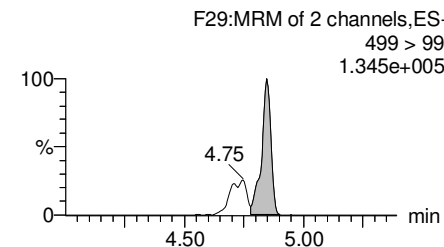
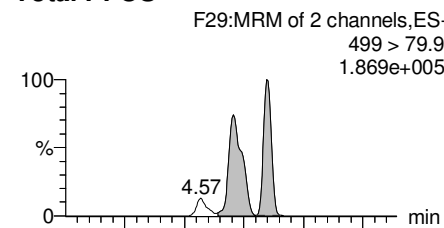
Total PFOA



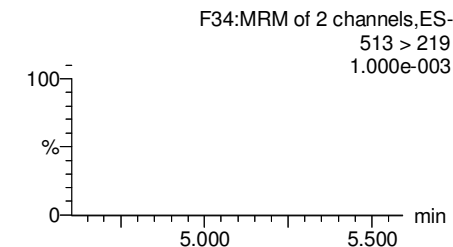
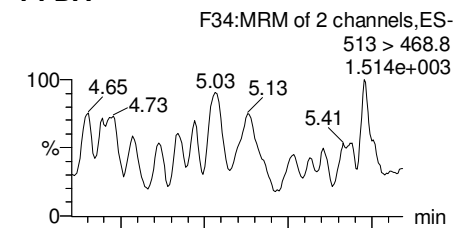
PFNA



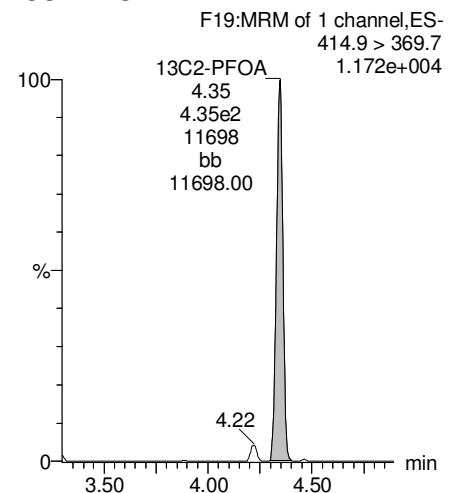
Total PFOS



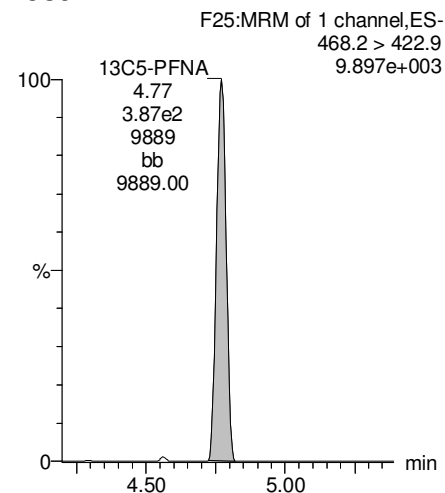
PFDA



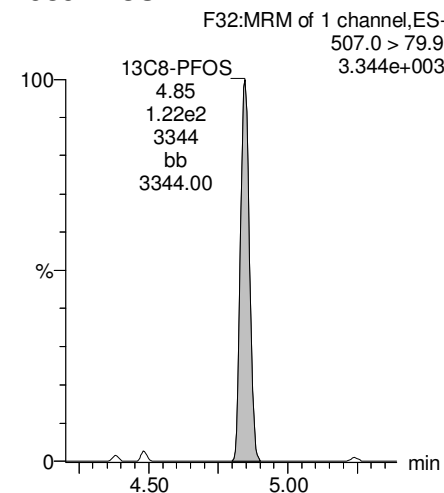
13C2-PFOA



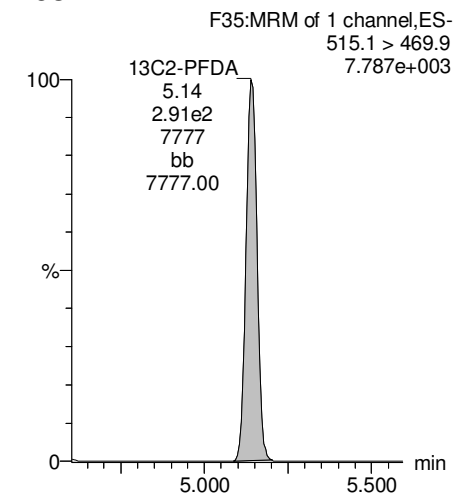
13C5-PFNA



13C8-PFOS



13C2-PFDA



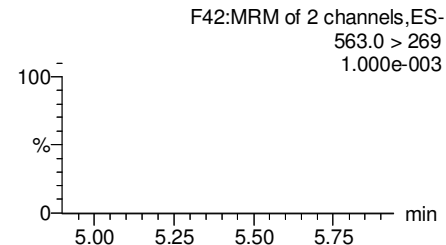
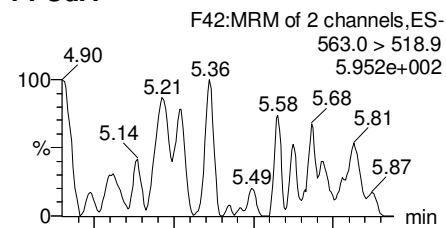
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Last Altered: Tuesday, January 16, 2018 13:43:34 Pacific Standard Time

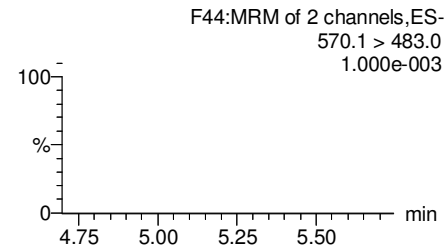
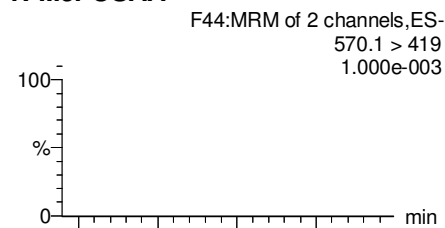
Printed: Tuesday, January 16, 2018 13:47:16 Pacific Standard Time

Name: 180115M2_63, Date: 16-Jan-2018, Time: 12:11:26, ID: 1701852-01@20X IR03-MW034-C2-17D 0.26646, Description: IR03-MW034-C2-17D

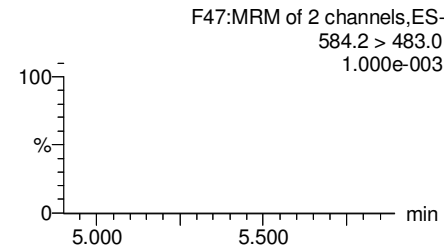
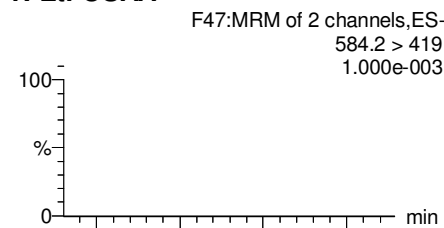
PFUdA



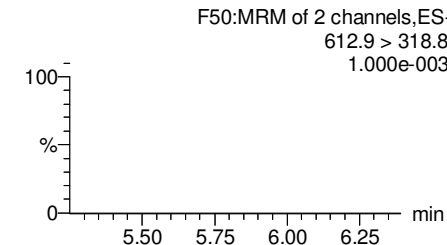
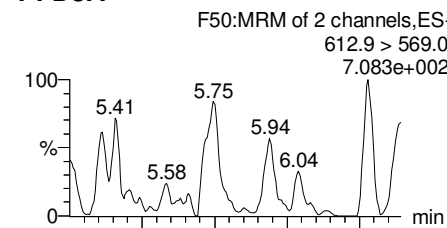
N-MeFOSAA



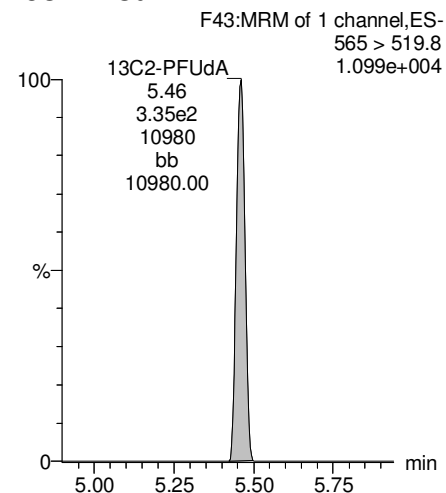
N-EtFOSAA



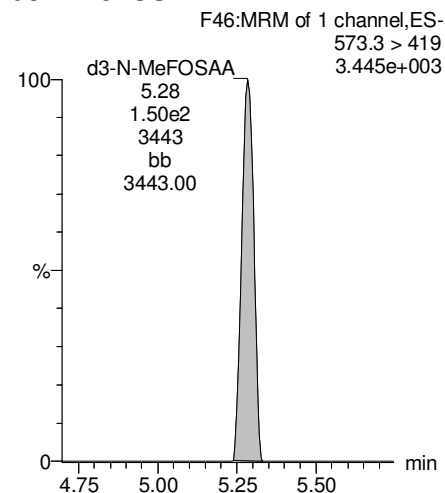
PFDaA



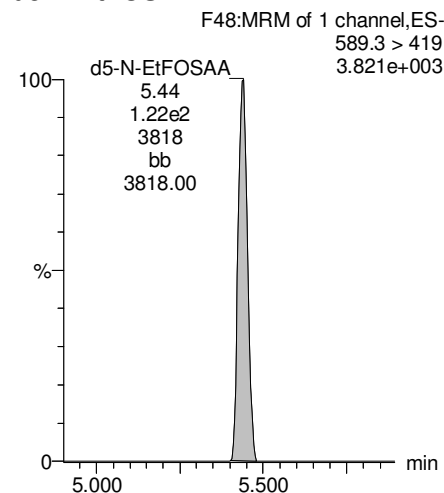
13C2-PFUdA



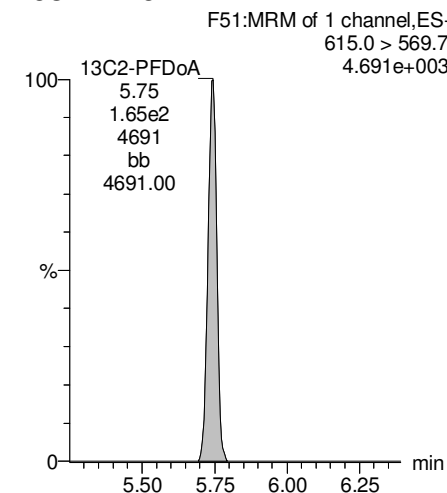
d3-N-MeFOSAA



d5-N-EtFOSAA



13C2-PFDaA



Dataset: U:\Q4.PRO\results\180115M2\180115M2-63.qld

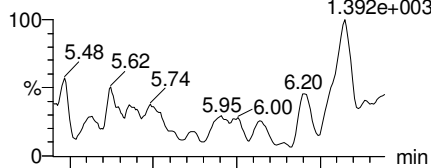
Last Altered: Tuesday, January 16, 2018 13:43:34 Pacific Standard Time

Printed: Tuesday, January 16, 2018 13:47:16 Pacific Standard Time

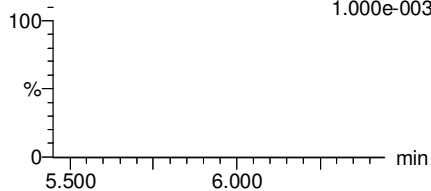
Name: 180115M2_63, Date: 16-Jan-2018, Time: 12:11:26, ID: 1701852-01@20X IR03-MW034-C2-17D 0.26646, Description: IR03-MW034-C2-17D

PFTrDA

F56:MRM of 2 channels,ES-
662.9 > 618.9
1.392e+003

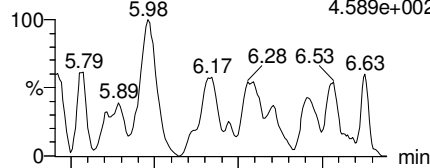


F56:MRM of 2 channels,ES-
662.9 > 319
1.000e-003

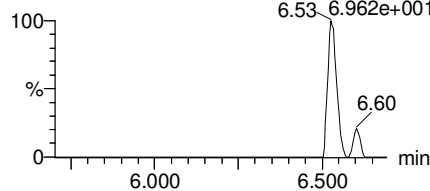


PFTeDA

F57:MRM of 2 channels,ES-
712.9 > 668.8
4.589e+002

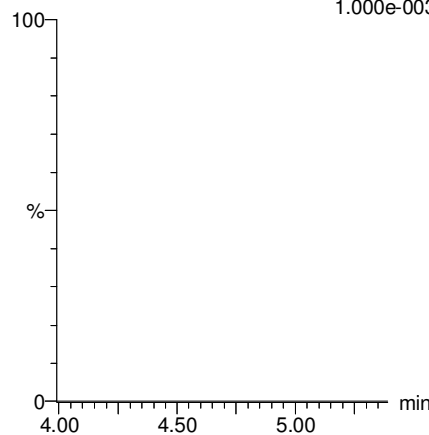


F57:MRM of 2 channels,ES-
712.9 > 369
6.53 6.962e+001



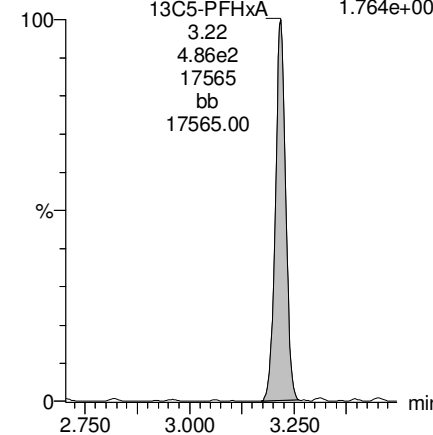
TCDA

F28:MRM of 3 channels,ES-
498.3 > 106.9
1.000e-003



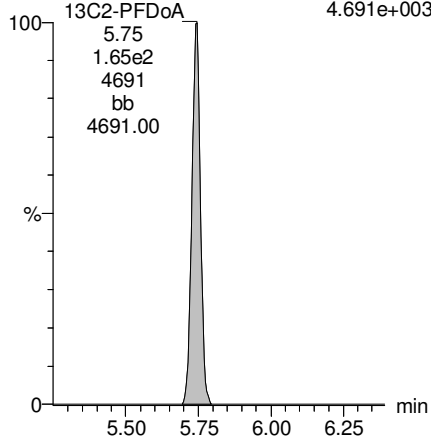
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
1.764e+004



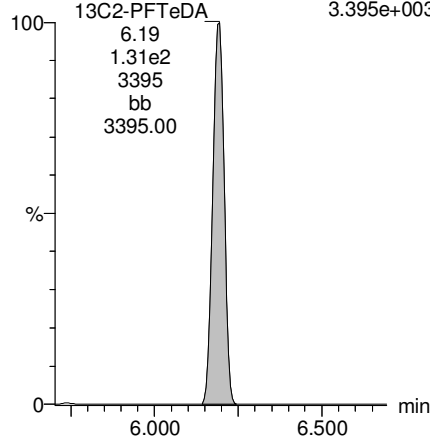
13C2-PFDoA

F51:MRM of 1 channel,ES-
615.0 > 569.7
4.691e+003



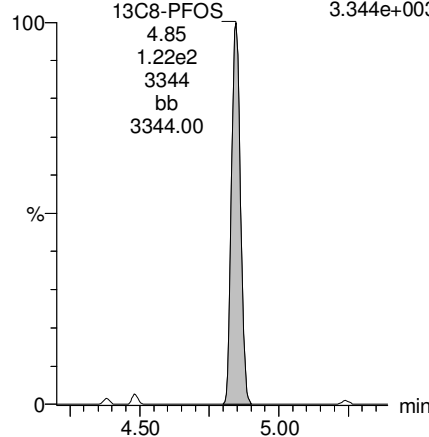
13C2-PFTeDA

F58:MRM of 2 channels,ES-
714.8 > 669.6
3.395e+003



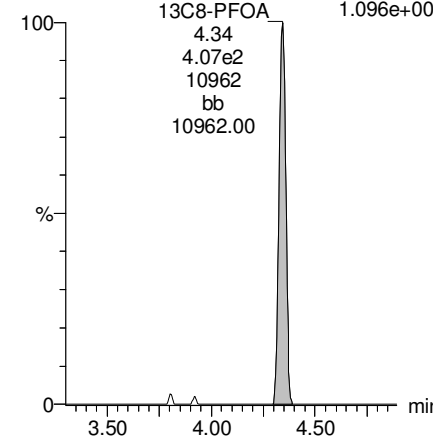
13C8-PFOS

F32:MRM of 1 channel,ES-
507.0 > 79.9
3.344e+003



13C8-PFOA

F20:MRM of 1 channel,ES-
421.3 > 376
1.096e+004



Dataset: U:\Q4.PRO\results\180115M2\180115M2-63.qld

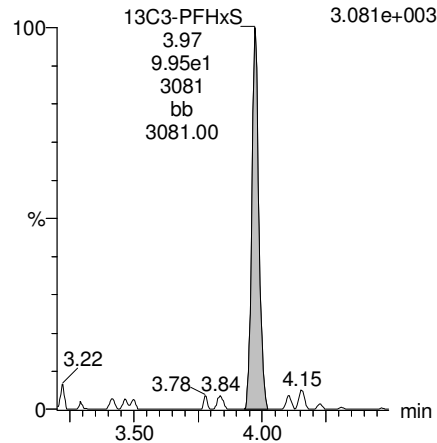
Last Altered: Tuesday, January 16, 2018 13:43:34 Pacific Standard Time

Printed: Tuesday, January 16, 2018 13:47:16 Pacific Standard Time

Name: 180115M2_63, Date: 16-Jan-2018, Time: 12:11:26, ID: 1701852-01@20X IR03-MW034-C2-17D 0.26646, Description: IR03-MW034-C2-17D

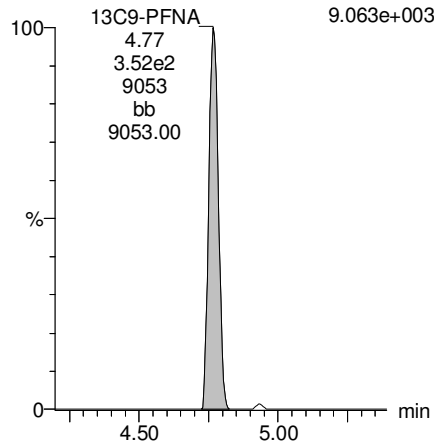
13C3-PFHxS

F16:MRM of 1 channel,ES-
401.9 > 79.9
3.081e+003



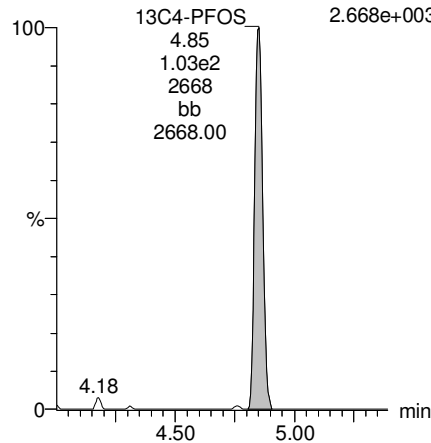
13C9-PFNA

F26:MRM of 1 channel,ES-
472.2 > 426.9
9.063e+003



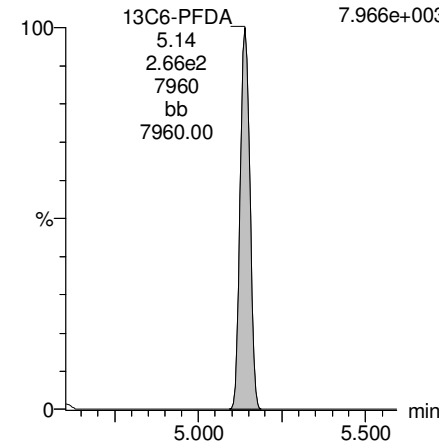
13C4-PFOS

F30:MRM of 1 channel,ES-
503 > 79.9
2.668e+003



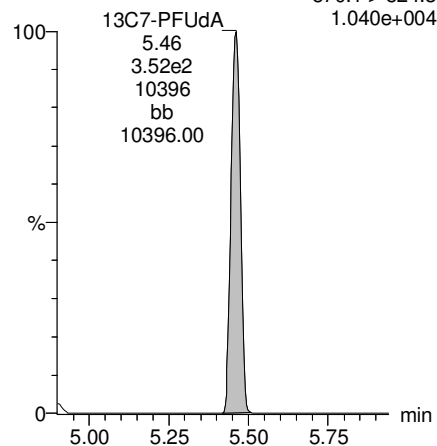
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
7.966e+003



13C7-PFUDa

F45:MRM of 1 channel,ES-
570.1 > 524.8
1.040e+004



Vista Analytical Laboratory

Dataset: U:\Q4.PRO\results\180115M2\180115M2-68.qld

Last Altered: Tuesday, January 16, 2018 13:59:35 Pacific Standard Time

Printed: Tuesday, January 16, 2018 14:22:25 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_011518.mdb 16 Jan 2018 13:43:12

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_01-15-18-FULL-OLD.cdb 16 Jan 2018 10:22:57

Name: 180115M2_68, Date: 16-Jan-2018, Time: 13:08:40, ID: 1701852-02 IR03-MW018B-C1-17D 0.25583, Description: IR03-MW018B-C1-17D

	#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3	PFBS	299.0 > 79.7	3.16e3	7.24e2	0.256		2.87	2.72	54.6	108.6049	
2	4	PFHxA	313.2 > 268.9	3.11e4	1.79e3	0.256		3.36	3.21	86.8	193.4626	
3	5	PFHpA	363.0 > 318.9	6.07e3	4.34e3	0.256		4.00	3.83	17.5	45.8121	
4	6	L-PFHxS	398.9 > 79.6	2.71e4	4.75e2	0.256		4.14	3.97	713		E
5	9	L-PFOA	413 > 368.7	5.62e4	6.20e3	0.256		4.34	4.34	113	394.8186E	
6	12	PFNA	463.0 > 418.8	2.05e3	5.20e3	0.256		4.94	4.77	4.92	14.2517	
7	14	L-PFOS	499 > 79.9	1.81e5	1.13e3	0.256		5.02	4.85	2000	3839.9342E	
8	16	PFDA	513 > 468.8	3.09e2	4.49e3	0.256		5.31	5.13	0.860	2.3046	
9	18	N-MeFOSAA	570.1 > 419		2.19e3	0.256		5.45				
10	19	N-EtFOSAA	584.2 > 419		2.43e3	0.256		5.60				
11	20	PFUdA	563.0 > 518.9		4.94e3	0.256		5.62				
12	22	PFDoA	612.9 > 569.0		2.80e3	0.256		5.91				

Dataset: U:\Q4.PRO\results\180115M2\180115M2-68.qld

Last Altered: Tuesday, January 16, 2018 13:59:35 Pacific Standard Time

Printed: Tuesday, January 16, 2018 14:22:39 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_011518.mdb 16 Jan 2018 13:43:12

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_01-15-18-FULL-OLD.cdb 16 Jan 2018 10:22:57

Name: 180115M2_68, Date: 16-Jan-2018, Time: 13:08:40, ID: 1701852-02 IR03-MW018B-C1-17D 0.25583, Description: IR03-MW018B-C1-17D

#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	
1	24	PFTrDA	662.9 > 618.9	2.80e3	0.256		6.15					
2	25	PFTeDA	712.9 > 668.8	1.55e3	0.256		6.35					
3	33	13C3-PFBS	302. > 98.8	7.24e2	6.33e3	0.256	0.095	2.87	2.72	1.43	58.7595	120.3
4	34	13C2-PFHxA	315 > 269.8	1.79e3	6.33e3	0.256	0.636	3.36	3.22	3.53	21.7064	111.1
5	35	13C4-PFHpA	367.2 > 321.8	4.34e3	6.33e3	0.256	0.621	4.00	3.83	8.56	53.9128	110.3
6	36	18O2-PFHxS	403.0 > 102.6	4.75e2	1.53e3	0.256	0.336	4.14	3.97	3.89	45.2844	92.7
7	37	13C2-6:2 FTS	429.1 > 408.9	1.30e3	6.39e3	0.256	0.192	4.46	4.29	2.55	51.7512	105.9
8	38	13C2-PFOA	414.9 > 369.7	6.20e3	6.39e3	0.256	1.001	4.50	4.34	12.1	47.3156	96.8
9	39	13C5-PFNA	468.2 > 422.9	5.20e3	5.89e3	0.256	0.811	4.94	4.77	11.0	53.2142	108.9
10	40	13C8-PFOSA	506.1 > 77.7	6.88e2	6.94e3	0.256	0.196	5.00	4.84	1.24	24.6820	50.5
11	41	13C8-PFOS	507.0 > 79.9	1.13e3	1.27e3	0.256	0.862	5.02	4.85	11.1	50.4031	103.2
12	42	13C2-PFDA	515.1 > 469.9	4.49e3	4.24e3	0.256	0.996	5.31	5.13	13.2	51.9806	106.4
13	43	13C2-8:2 FTS	529.1 > 508.7	6.26e2	6.33e3	0.256	0.103	5.28	5.11	1.23	46.8659	95.9
14	44	d3-N-MeFOSAA	573.3 > 419	2.19e3	6.94e3	0.256	0.340	5.45	5.28	3.95	45.4329	93.0
15	45	d5-N-EtFOSAA	589.3 > 419	2.43e3	6.94e3	0.256	0.377	5.60	5.44	4.38	45.3987	92.9
16	46	13C2-PFUdA	565 > 519.8	4.94e3	6.94e3	0.256	0.944	5.62	5.46	8.91	36.8955	75.5
17	47	13C2-PFDoA	615.0 > 569.7	2.80e3	6.94e3	0.256	0.726	5.91	5.73	5.04	27.1531	55.6
18	49	13C2-PFTeDA	714.8 > 669.6	1.55e3	6.94e3	0.256	0.371	6.35	6.19	2.80	29.4258	60.2
19	55	13C5-PFHxA	318 > 272.9	6.33e3	6.33e3	0.256	1.000	3.36	3.21	12.5	48.8606	100.0
20	56	13C3-PFHxS	401.9 > 79.9	1.53e3	1.53e3	0.256	1.000	4.14	3.97	12.5	48.8606	100.0
21	57	13C8-PFOA	421.3 > 376	6.39e3	6.39e3	0.256	1.000	4.50	4.34	12.5	48.8606	100.0
22	58	13C9-PFNA	472.2 > 426.9	5.89e3	5.89e3	0.256	1.000	4.94	4.77	12.5	48.8606	100.0
23	59	13C4-PFOS	503 > 79.9	1.27e3	1.27e3	0.256	1.000	5.02	4.85	12.5	48.8606	100.0
24	60	13C6-PFDA	519.1 > 473.7	4.24e3	4.24e3	0.256	1.000	5.31	5.13	12.5	48.8606	100.0
25	61	13C7-PFUdA	570.1 > 524.8	6.94e3	6.94e3	0.256	1.000	5.62	5.46	12.5	48.8606	100.0
26	62	Total PFHxS	398.9 > 79.6	2.71e4	4.75e2	0.256		4.14		0.000		
27	63	Total PFOA	413 > 368.7	6.17e4	6.20e3	0.256		4.51		125	432.4273	
28	64	Total PFOS	499 > 79.9	1.81e5	1.13e3	0.256		5.02		2000	3839.9342	
29	65	Total N-MeFOSAA	570.1 > 419	0.00e0	2.19e3	0.256		5.45		0.000		
30	66	Total N-EtFOSAA	584.2 > 419	0.00e0	2.43e3	0.256		5.61		0.000		

Dataset: U:\Q4.PRO\results\180115M2\180115M2-68.qld

Last Altered: Tuesday, January 16, 2018 13:59:35 Pacific Standard Time

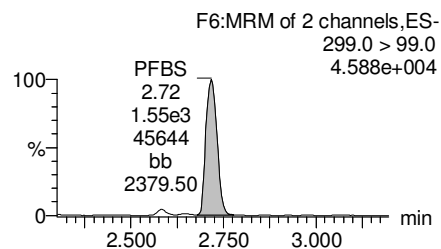
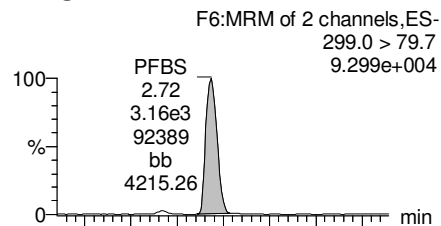
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Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_011518.mdb 16 Jan 2018 13:43:12

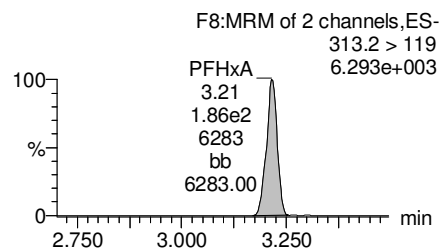
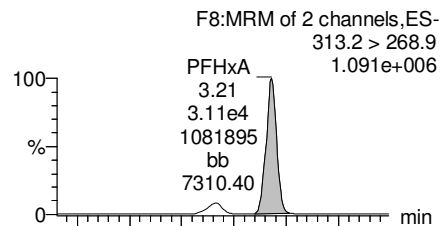
Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_01-15-18-FULL-OLD.cdb 16 Jan 2018 10:22:57

Name: 180115M2_68, Date: 16-Jan-2018, Time: 13:08:40, ID: 1701852-02 IR03-MW018B-C1-17D 0.25583, Description: IR03-MW018B-C1-17D

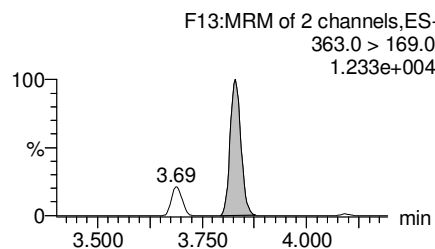
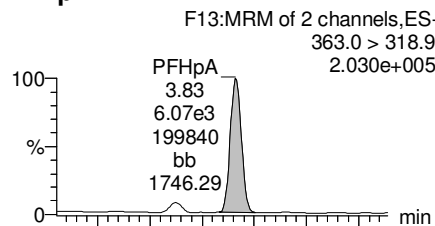
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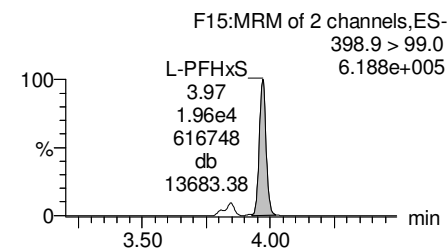
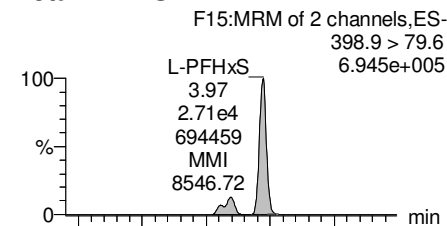
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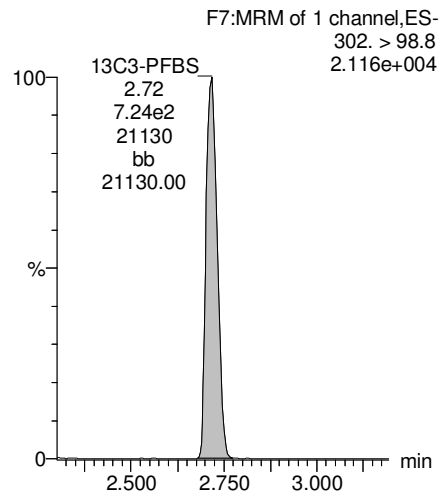
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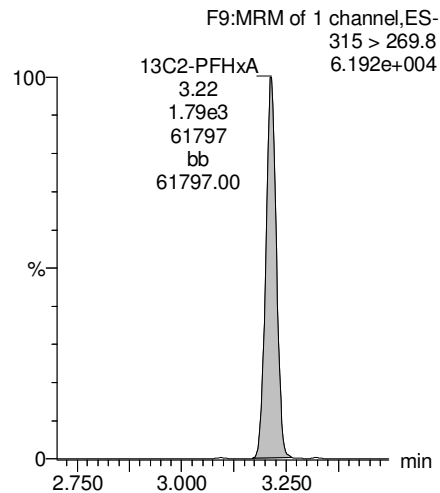
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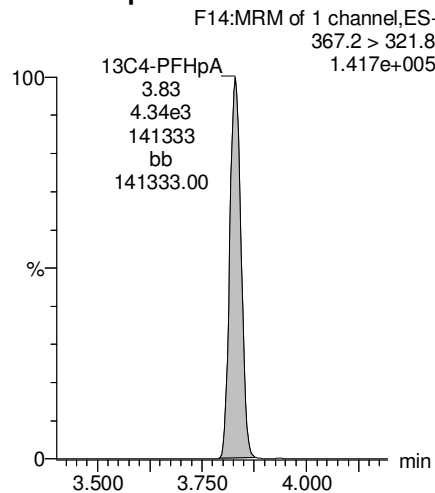
13C3-PFBS



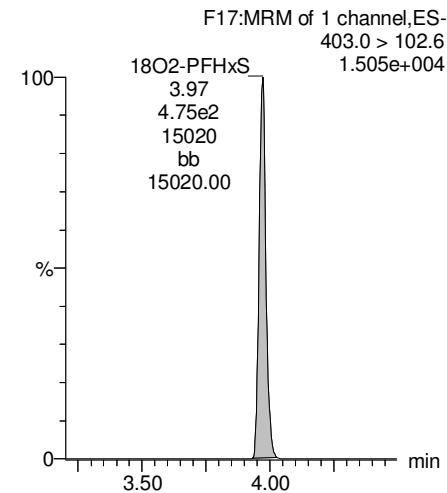
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



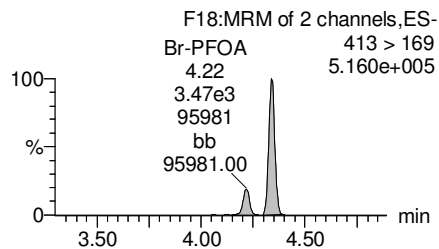
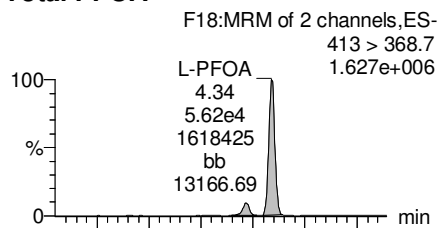
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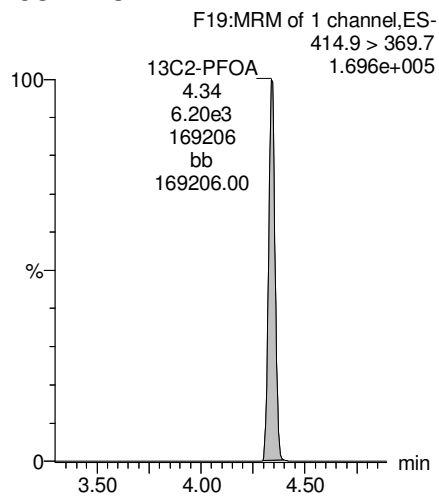
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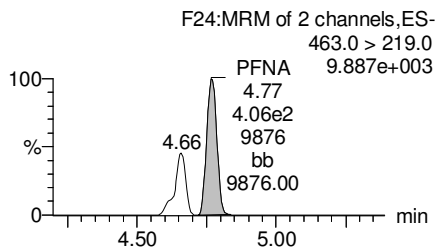
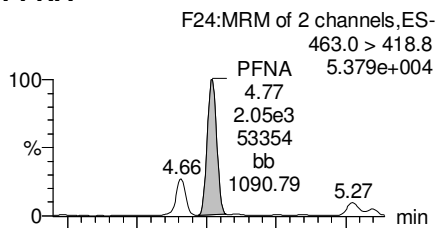
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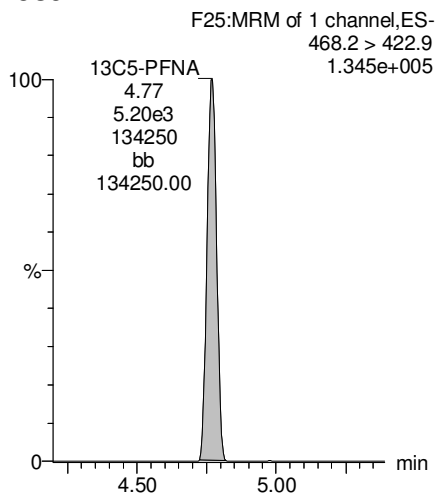
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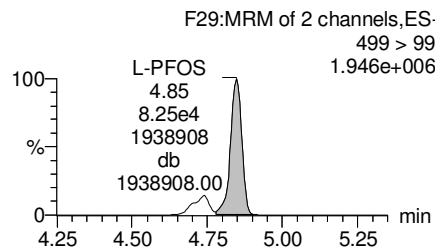
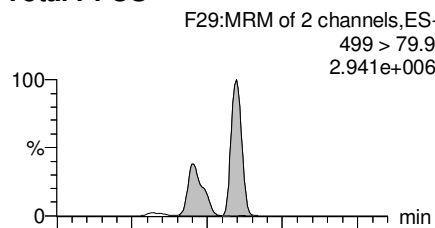
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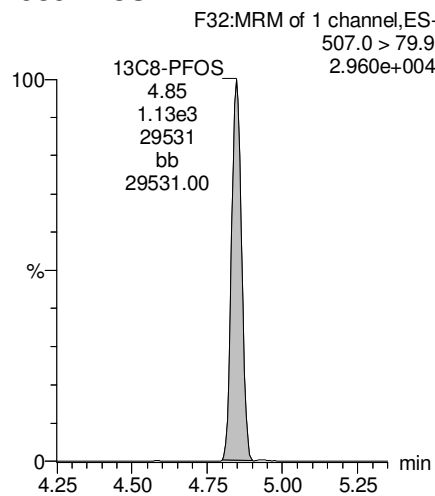
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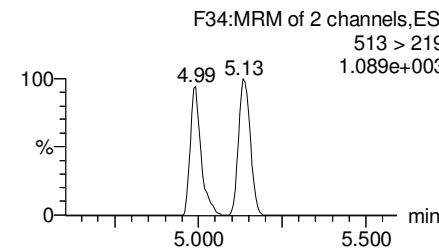
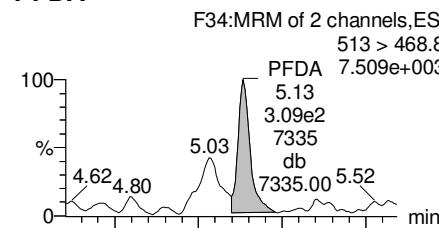
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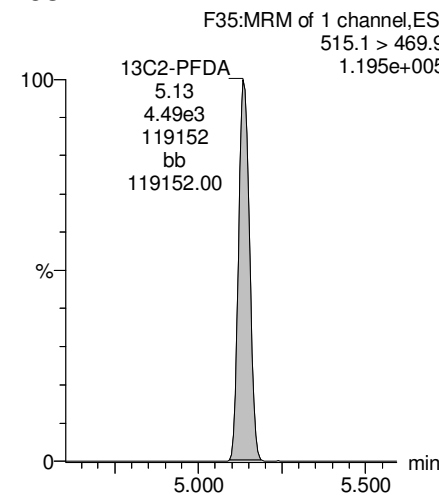
13C8-PFOS



PFDA



13C2-PFDA



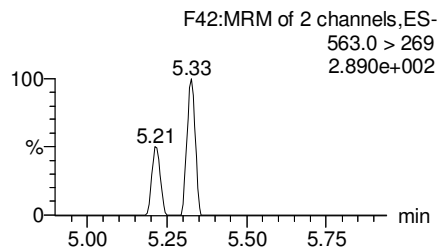
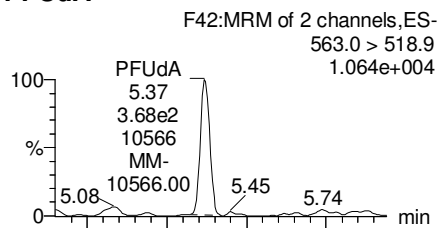
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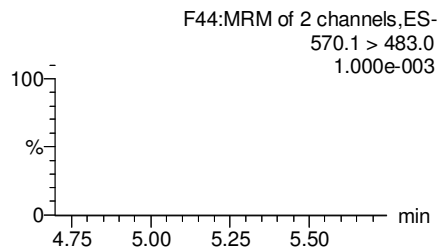
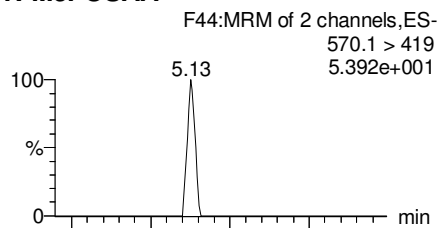
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Name: 180115M2_68, Date: 16-Jan-2018, Time: 13:08:40, ID: 1701852-02 IR03-MW018B-C1-17D 0.25583, Description: IR03-MW018B-C1-17D

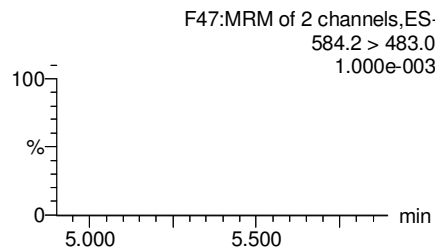
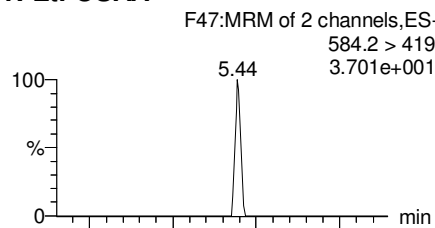
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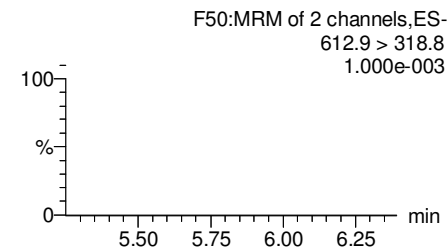
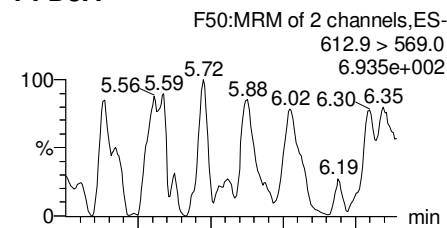
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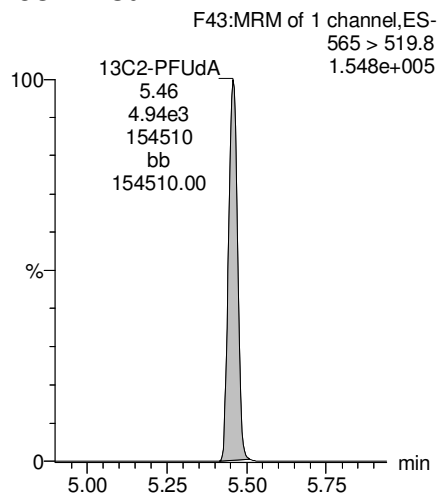
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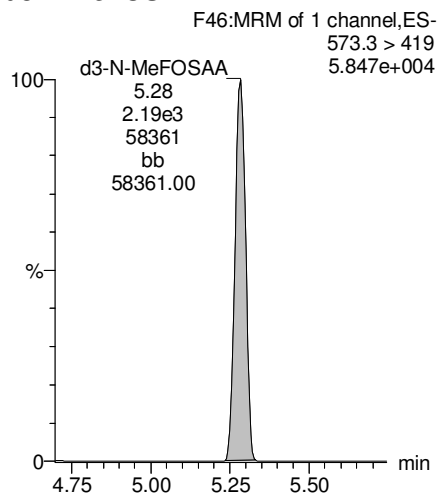
PFDaA



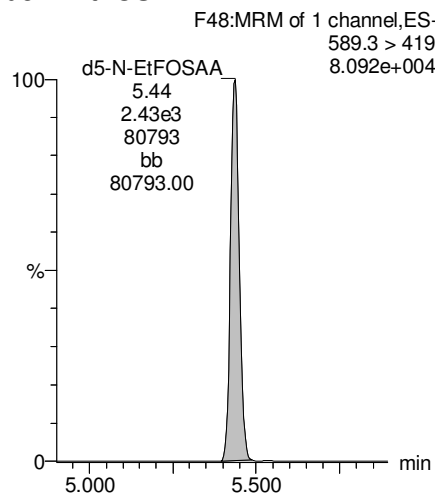
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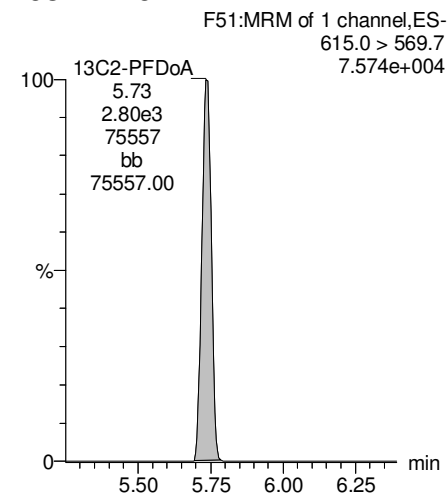
d3-N-MeFOSAA



d5-N-EtFOSAA



13C2-PFDaA



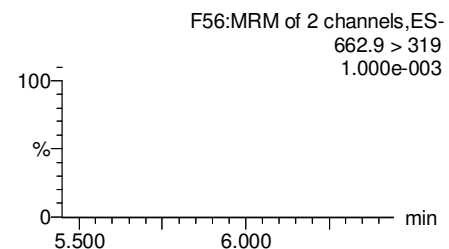
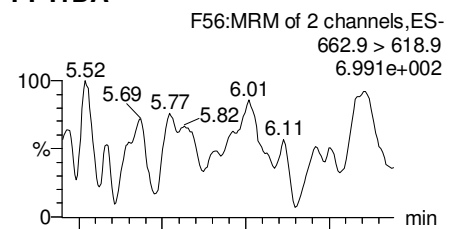
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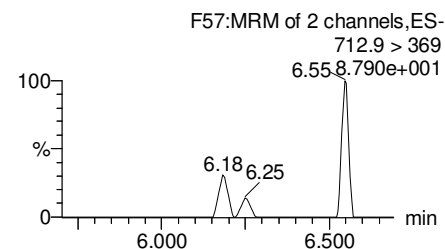
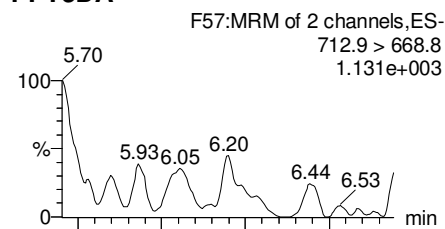
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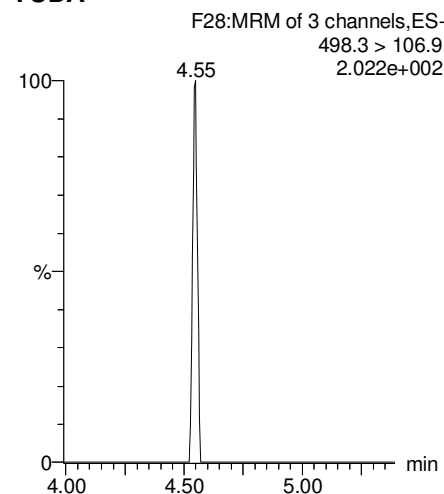
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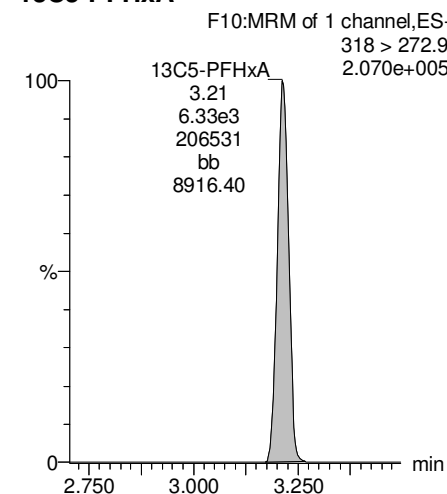
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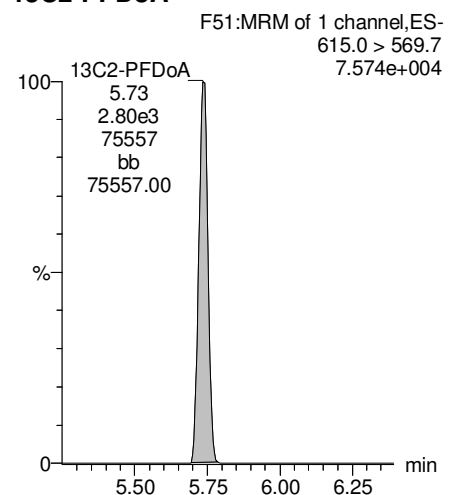
TCDA



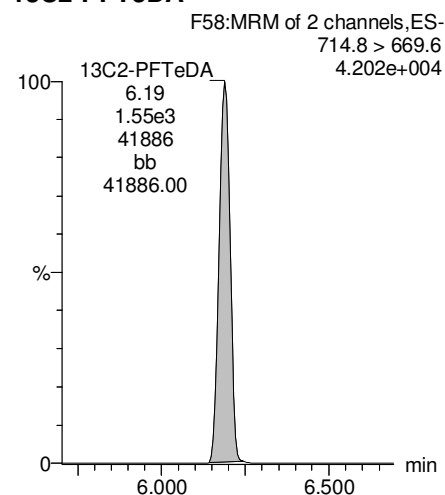
13C5-PFHxA



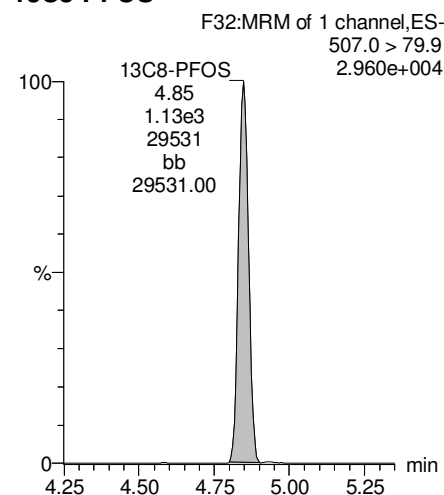
13C2-PFDoA



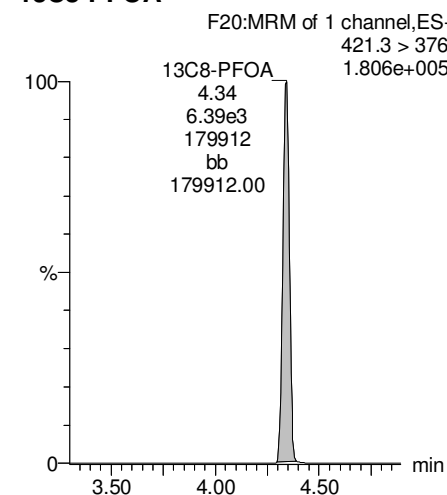
13C2-PFTeDA



13C8-PFOS



13C8-PFOA



Dataset: U:\Q4.PRO\results\180115M2\180115M2-68.qld

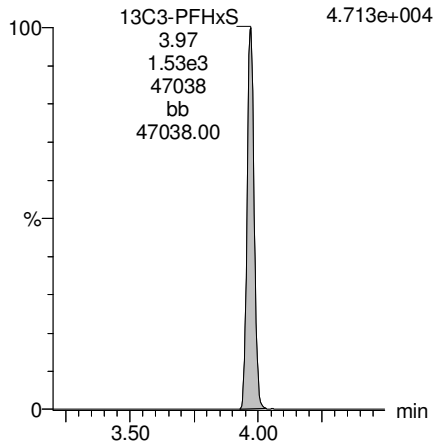
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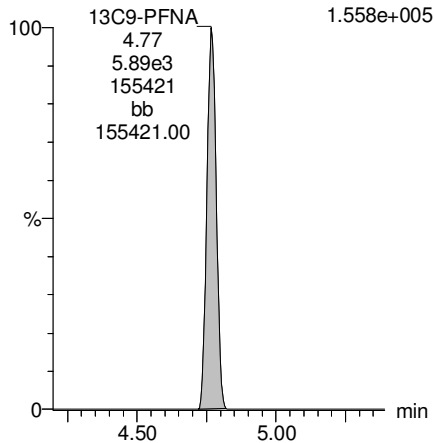
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F16:MRM of 1 channel,ES-
401.9 > 79.9
4.713e+004



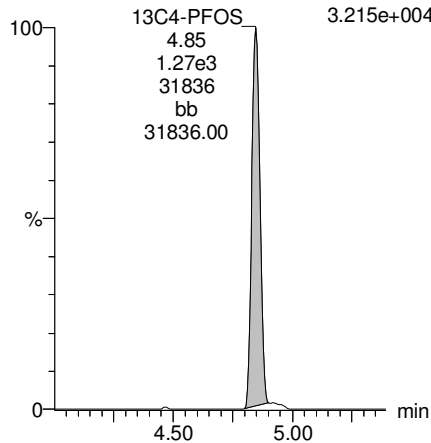
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F26:MRM of 1 channel,ES-
472.2 > 426.9
1.558e+005



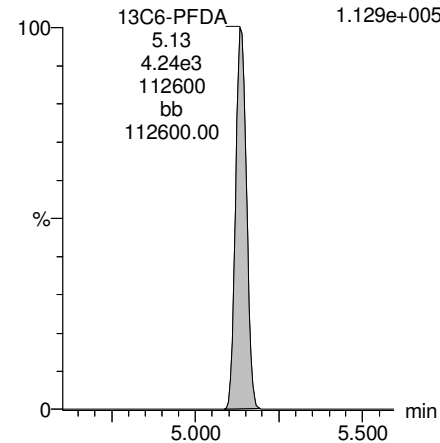
13C4-PFOS

F30:MRM of 1 channel,ES-
503 > 79.9
3.215e+004



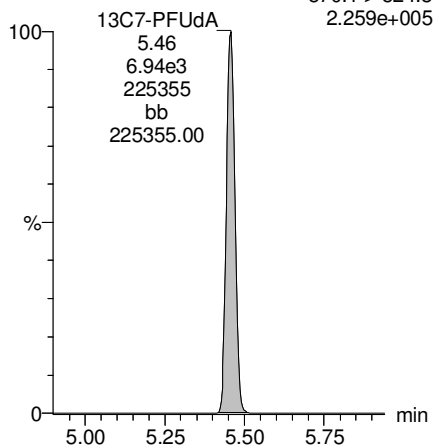
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
1.129e+005



13C7-PFUdA

F45:MRM of 1 channel,ES-
570.1 > 524.8
2.259e+005



Dataset: U:\Q4.PRO\results\180115M2\180115M2-64.qld

Last Altered: Tuesday, January 16, 2018 13:53:51 Pacific Standard Time

Printed: Tuesday, January 16, 2018 13:56:29 Pacific Standard Time

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Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_011518.mdb 16 Jan 2018 13:43:12

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_01-15-18-FULL-OLD.cdb 16 Jan 2018 10:22:57

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	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	6 L-PFHxS	398.9 > 79.6	2.41e3	2.31e1	0.256		4.14	3.98	1.30	2.3458	
2	14 L-PFOS	499 > 79.9	1.76e4	1.15e2	0.256		5.02	4.85	1.92	6.9149	
3	36 18O2-PFHxS	403.0 > 102.6	2.31e1	1.41e2	0.256	0.336	4.14	3.98	0.00205	0.0239	48.9
4	41 13C8-PFOS	507.0 > 79.9	1.15e2	1.24e2	0.256	0.862	5.02	4.85	0.0116	0.0525	107.5
5	56 13C3-PFHxS	401.9 > 79.9	1.41e2	1.41e2	0.256	1.000	4.14	3.98	0.0125	0.0489	100.0
6	59 13C4-PFOS	503 > 79.9	1.24e2	1.24e2	0.256	1.000	5.02	4.85	0.0125	0.0489	100.0
7	62 Total PFHxS	398.9 > 79.6	2.41e3	2.31e1	0.256		4.14		1.30	2.3458	
8	64 Total PFOS	499 > 79.9	1.76e4	1.15e2	0.256		5.02		1.92	6.9149	

Dataset: U:\Q4.PRO\results\180115M2\180115M2-64.qld

Last Altered: Tuesday, January 16, 2018 13:53:51 Pacific Standard Time

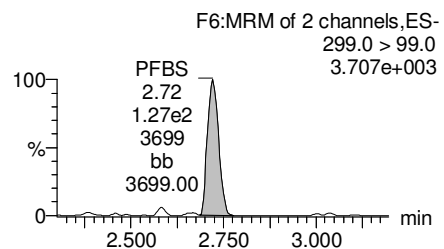
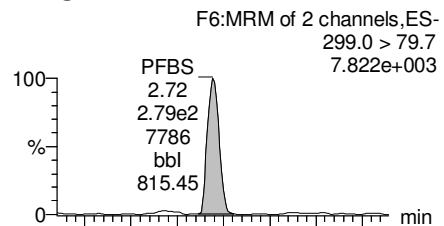
Printed: Tuesday, January 16, 2018 13:56:29 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_011518.mdb 16 Jan 2018 13:43:12

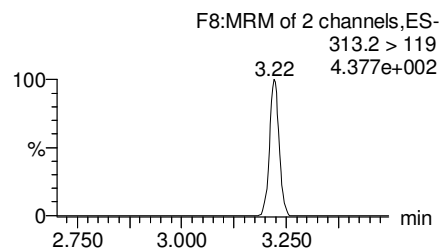
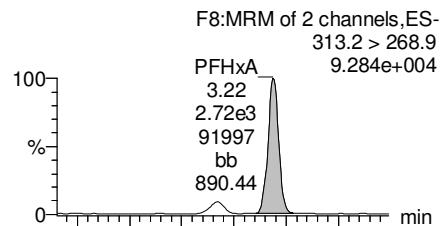
Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_01-15-18-FULL-OLD.cdb 16 Jan 2018 10:22:57

Name: 180115M2_64, Date: 16-Jan-2018, Time: 12:22:53, ID: 1701852-02@20X IR03-MW018B-C1-17D 0.25583, Description: IR03-MW018B-C1-17D

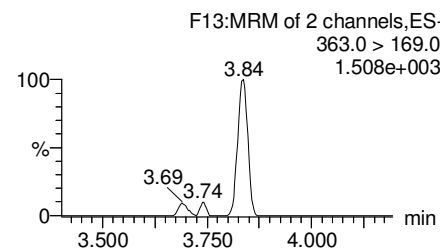
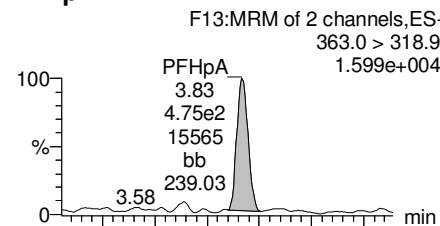
PFBS



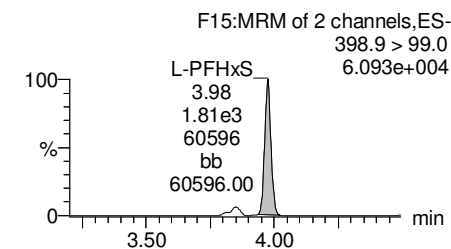
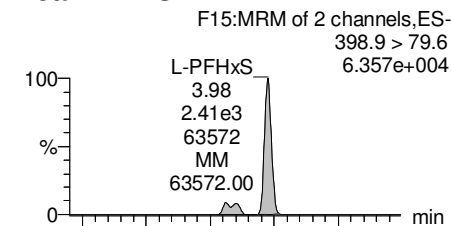
PFHxA



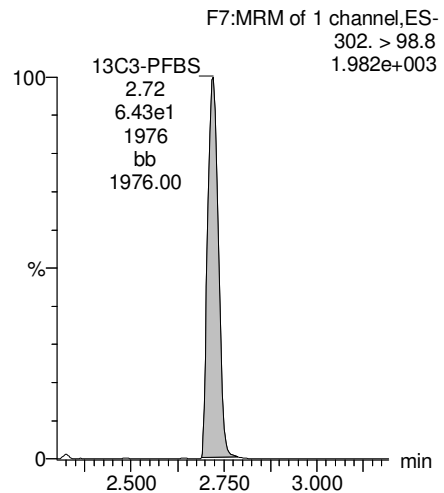
PFHpA



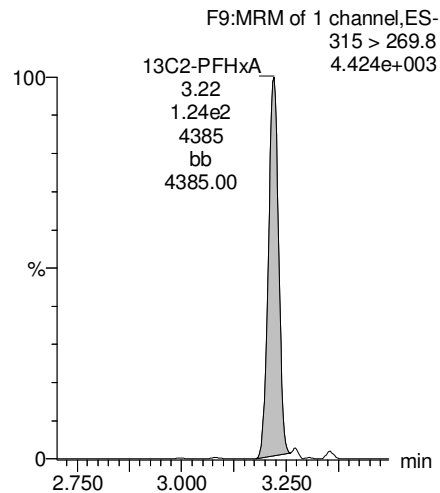
Total PFHxS



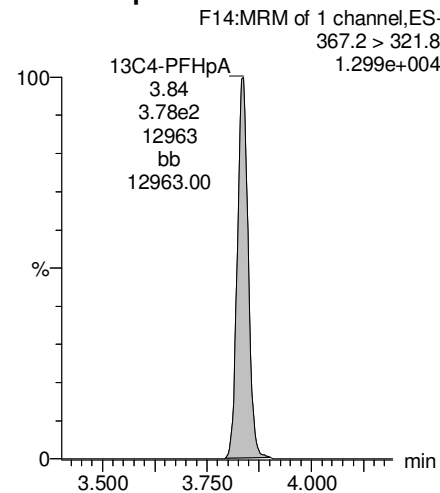
13C3-PFBS



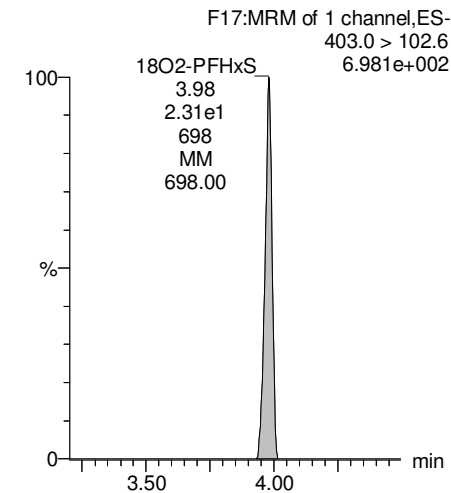
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



Dataset: U:\Q4.PRO\results\180115M2\180115M2-64.qld

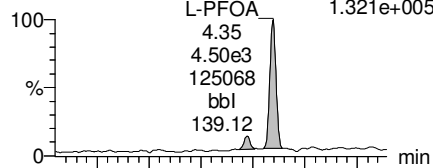
Last Altered: Tuesday, January 16, 2018 13:53:51 Pacific Standard Time

Printed: Tuesday, January 16, 2018 13:56:29 Pacific Standard Time

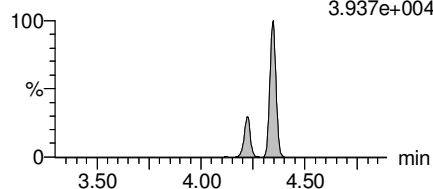
Name: 180115M2_64, Date: 16-Jan-2018, Time: 12:22:53, ID: 1701852-02@20X IR03-MW018B-C1-17D 0.25583, Description: IR03-MW018B-C1-17D

Total PFOA

F18:MRM of 2 channels,ES-
413 > 368.7
1.321e+005

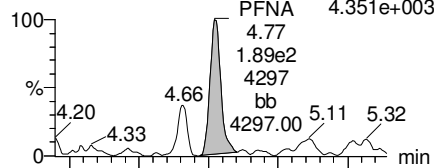


F18:MRM of 2 channels,ES-
413 > 169
3.937e+004

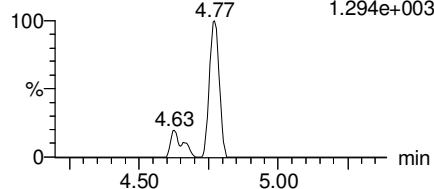


PFNA

F24:MRM of 2 channels,ES-
463.0 > 418.8
4.351e+003

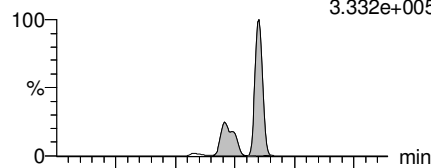


F24:MRM of 2 channels,ES-
463.0 > 219.0
1.294e+003

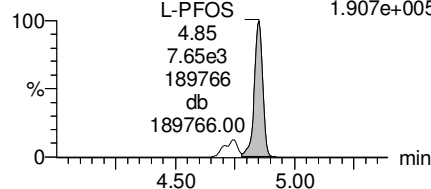


Total PFOS

F29:MRM of 2 channels,ES-
499 > 79.9
3.332e+005

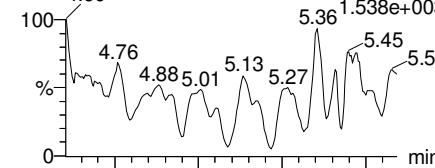


F29:MRM of 2 channels,ES-
499 > 99
1.907e+005

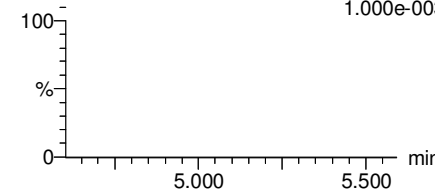


PFDA

F34:MRM of 2 channels,ES-
513 > 468.8
1.538e+003

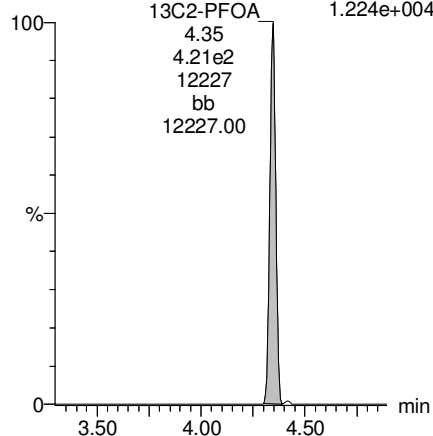


F34:MRM of 2 channels,ES-
513 > 219
1.000e-003



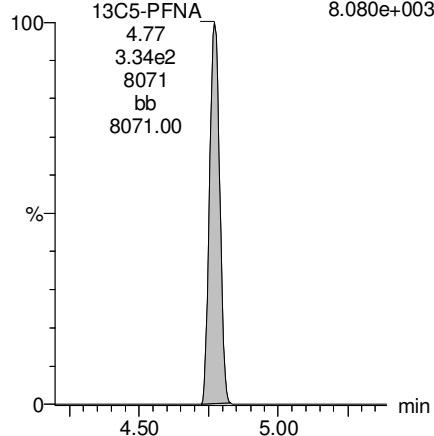
13C2-PFOA

F19:MRM of 1 channel,ES-
414.9 > 369.7
1.224e+004



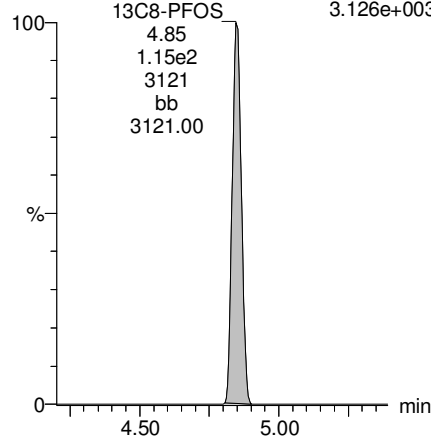
13C5-PFNA

F25:MRM of 1 channel,ES-
468.2 > 422.9
8.080e+003



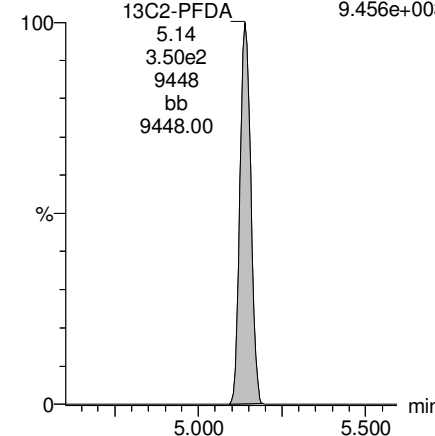
13C8-PFOS

F32:MRM of 1 channel,ES-
507.0 > 79.9
3.126e+003



13C2-PFDA

F35:MRM of 1 channel,ES-
515.1 > 469.9
9.456e+003



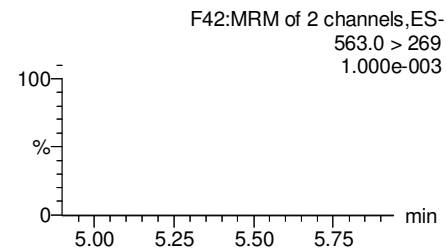
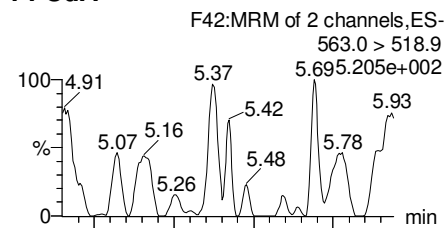
Dataset: U:\Q4.PRO\results\180115M2\180115M2-64.qld

Last Altered: Tuesday, January 16, 2018 13:53:51 Pacific Standard Time

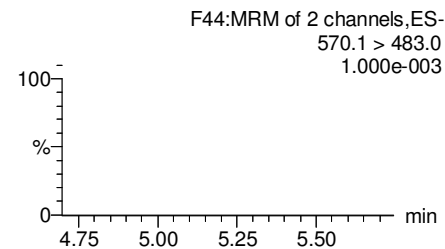
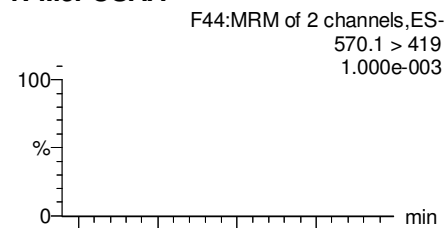
Printed: Tuesday, January 16, 2018 13:56:29 Pacific Standard Time

Name: 180115M2_64, Date: 16-Jan-2018, Time: 12:22:53, ID: 1701852-02@20X IR03-MW018B-C1-17D 0.25583, Description: IR03-MW018B-C1-17D

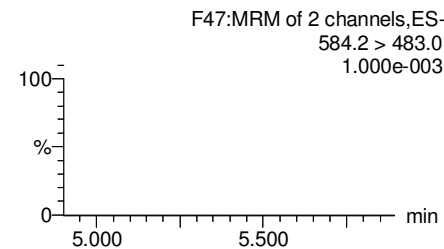
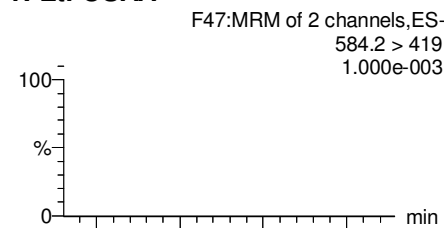
PFUdA



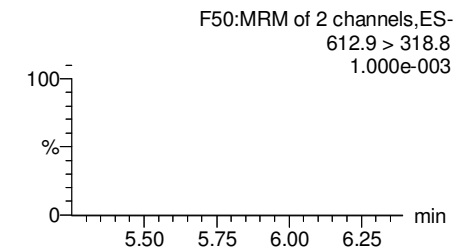
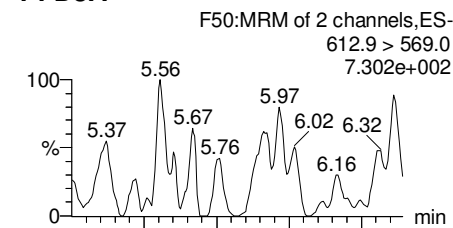
N-MeFOSAA



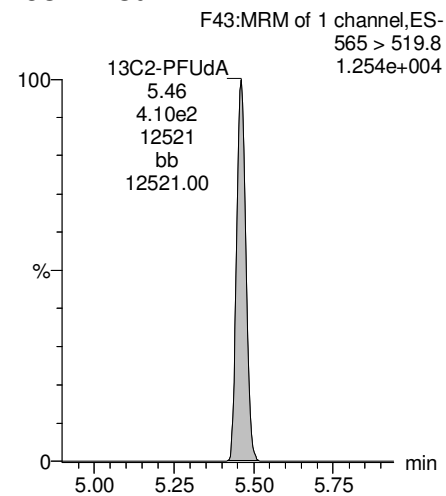
N-EtFOSAA



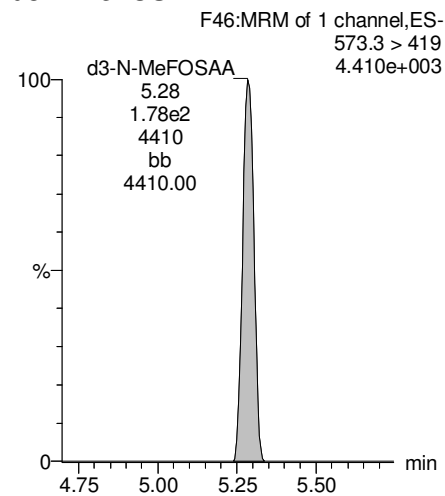
PFDaA



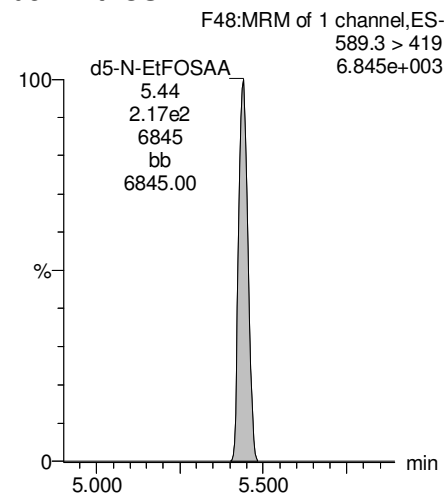
13C2-PFUdA



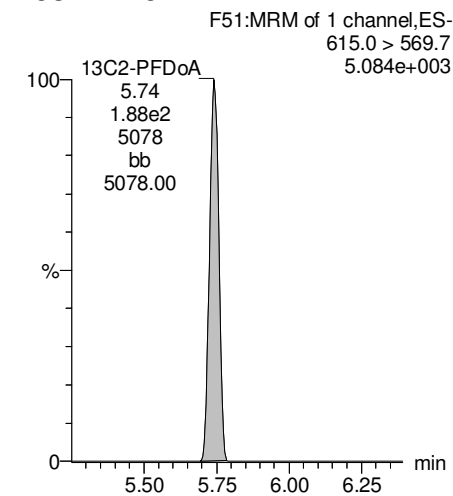
d3-N-MeFOSAA



d5-N-EtFOSAA



13C2-PFDaA



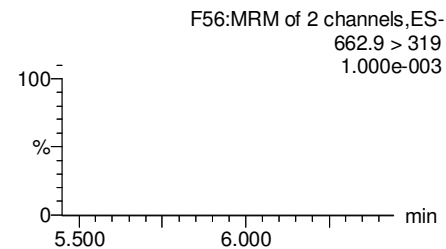
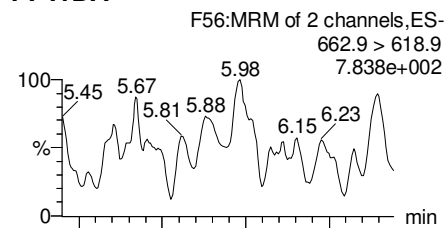
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Last Altered: Tuesday, January 16, 2018 13:53:51 Pacific Standard Time

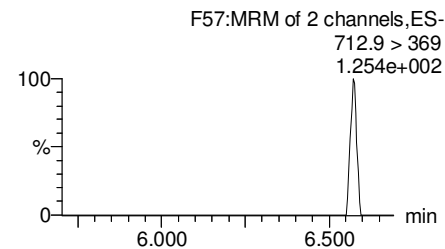
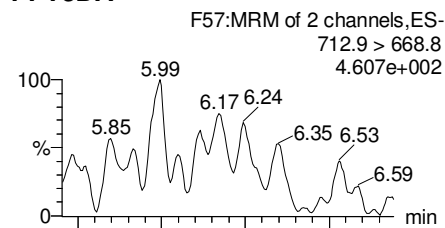
Printed: Tuesday, January 16, 2018 13:56:29 Pacific Standard Time

Name: 180115M2_64, Date: 16-Jan-2018, Time: 12:22:53, ID: 1701852-02@20X IR03-MW018B-C1-17D 0.25583, Description: IR03-MW018B-C1-17D

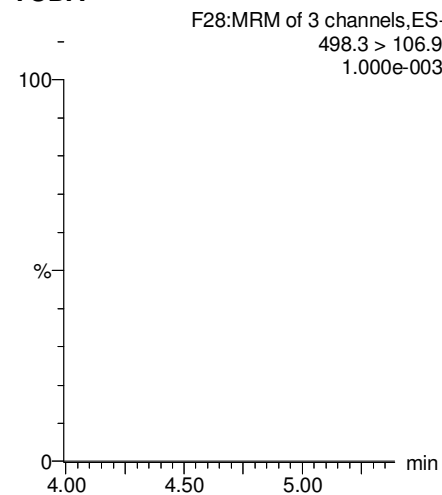
PFTrDA



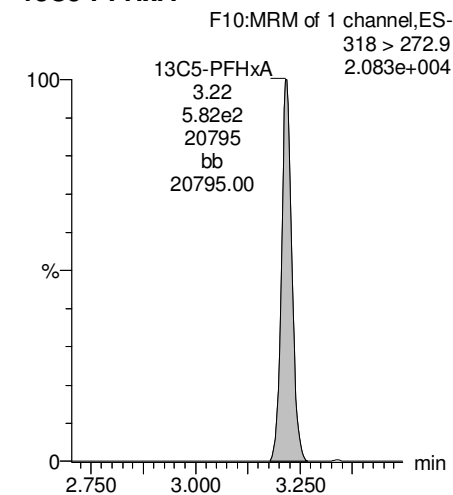
PFTeDA



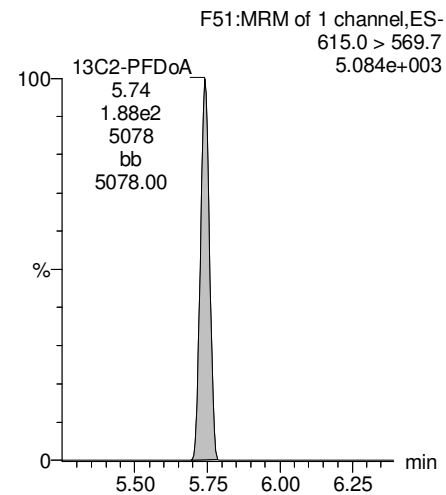
TCDA



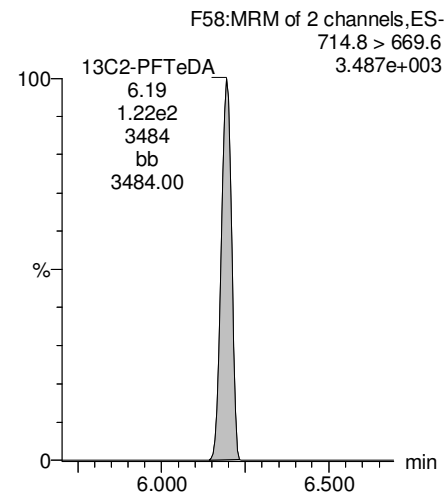
13C5-PFHxA



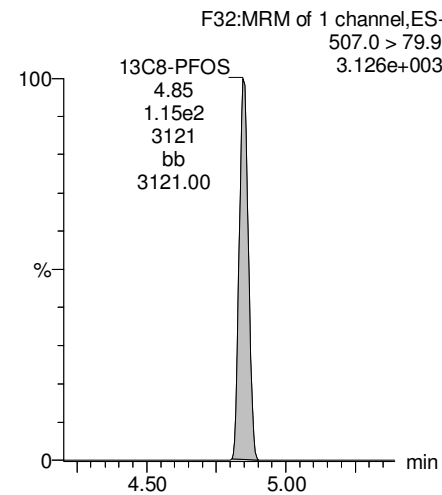
13C2-PFDoA



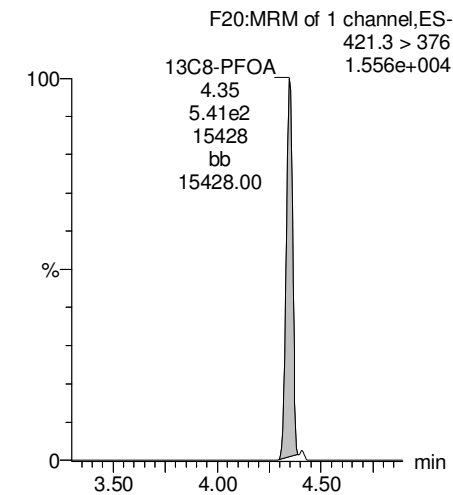
13C2-PFTeDA



13C8-PFOS



13C8-PFOA



Dataset: U:\Q4.PRO\results\180115M2\180115M2-64.qld

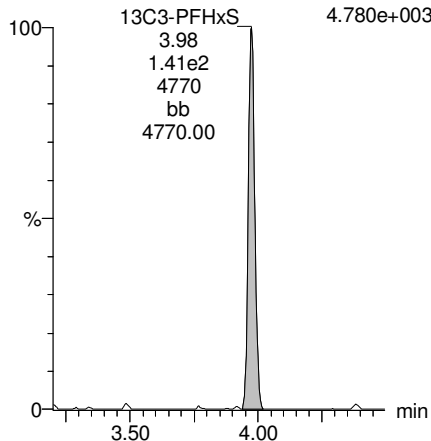
Last Altered: Tuesday, January 16, 2018 13:53:51 Pacific Standard Time

Printed: Tuesday, January 16, 2018 13:56:29 Pacific Standard Time

Name: 180115M2_64, Date: 16-Jan-2018, Time: 12:22:53, ID: 1701852-02@20X IR03-MW018B-C1-17D 0.25583, Description: IR03-MW018B-C1-17D

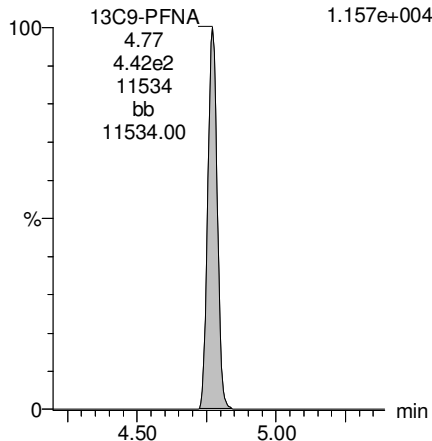
13C3-PFHxS

F16:MRM of 1 channel,ES-
401.9 > 79.9
4.780e+003



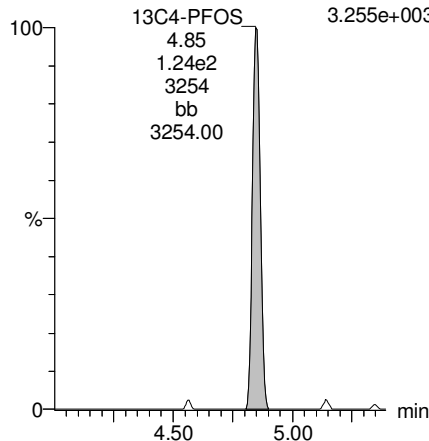
13C9-PFNA

F26:MRM of 1 channel,ES-
472.2 > 426.9
1.157e+004



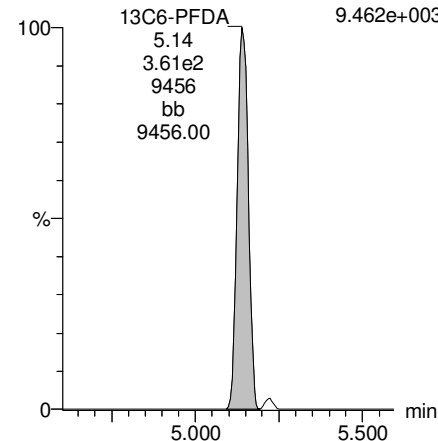
13C4-PFOS

F30:MRM of 1 channel,ES-
503 > 79.9
3.255e+003



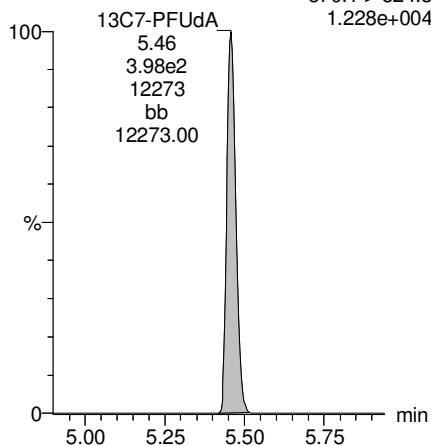
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
9.462e+003



13C7-PFUDa

F45:MRM of 1 channel,ES-
570.1 > 524.8
1.228e+004



Dataset: U:\Q4.PRO\results\180110M3\180110M3_61.qld

Last Altered: Friday, January 12, 2018 16:20:47 Pacific Standard Time

Printed: Friday, January 12, 2018 16:21:53 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_010818C.mdb 11 Jan 2018 15:33:36

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_01-10-18-FULL-M3.cdb 11 Jan 2018 14:26:30

Name: 180110M3_61, Date: 11-Jan-2018, Time: 20:33:42, ID: 1701852-03 IR03-MW018A-C2-17D 0.26605, Description: IR03-MW018A-C2-17D

	#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	3	PFBS	299.0 > 79.7	1.25e4	8.16e2	0.266		2.66	2.59	192	328.9312	
2	4	PFHxA	313.2 > 268.9	1.23e5	1.80e3	0.266		3.15	3.08	342	662.8403	
3	5	PFHpA	363.0 > 318.9	4.20e4	4.83e3	0.266		3.78	3.70	109	247.1716	
4	6	L-PFHxS	398.9 > 79.6	8.66e4	5.27e2	0.266		3.94	3.85	2060	3648.6596 E	
5	9	L-PFOA	413 > 368.7	8.37e4	6.21e3	0.266		4.31	4.22	169	507.5695	
6	12	PFNA	463.0 > 418.8	7.71e3	5.49e3	0.266		4.81	4.66	17.6	46.5231	
7	14	L-PFOS	499 > 79.9	3.14e5	1.18e3	0.266		4.75	4.75	3320	11761.2315 E	
8	16	PFDA	513 > 468.8	2.64e2	4.48e3	0.266		5.18	5.04	0.737	2.2766	
9	18	N-MeFOSAA	570.1 > 419		1.92e3	0.266		5.32				
10	19	N-EtFOSAA	584.2 > 419		2.32e3	0.266		5.48				
11	20	PFUdA	563.0 > 518.9		4.81e3	0.266		5.50				
12	22	PFDoA	612.9 > 569.0		2.83e3	0.266		5.77				

Dataset: U:\Q4.PRO\results\180110M3\180110M3_61.qld

Last Altered: Friday, January 12, 2018 16:20:47 Pacific Standard Time

Printed: Friday, January 12, 2018 16:22:02 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_010818C.mdb 11 Jan 2018 15:33:36

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_01-10-18-FULL-M3.cdb 11 Jan 2018 14:26:30

Name: 180110M3_61, Date: 11-Jan-2018, Time: 20:33:42, ID: 1701852-03 IR03-MW018A-C2-17D 0.26605, Description: IR03-MW018A-C2-17D

#	Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	
1	24	PFTrDA	662.9 > 618.9	2.83e3	0.266		6.00					
2	25	PFTeDA	712.9 > 668.8	1.78e3	0.266		6.22					
3	33	13C3-PFBS	302. > 98.8	8.16e2	6.68e3	0.266	0.095	2.77	2.58	1.53	60.2049	128.1
4	34	13C2-PFHxA	315 > 269.8	1.80e3	6.68e3	0.266	0.597	3.15	3.08	3.37	21.2060	112.8
5	35	13C4-PFHpA	367.2 > 321.8	4.83e3	6.68e3	0.266	0.604	3.78	3.70	9.04	56.2304	119.7
6	36	18O2-PFHxS	403.0 > 102.6	5.27e2	1.58e3	0.266	0.293	3.94	3.85	4.17	53.4929	113.9
7	37	13C2-6:2 FTS	429.1 > 408.9	1.54e3	6.73e3	0.266	0.215	4.25	4.17	2.85	49.7786	105.9
8	38	13C2-PFOA	414.9 > 369.7	6.21e3	6.73e3	0.266	0.916	4.31	4.22	11.5	47.3131	100.7
9	39	13C5-PFNA	468.2 > 422.9	5.49e3	7.16e3	0.266	0.817	4.81	4.66	9.59	44.1032	93.9
10	40	13C8-PFOSA	506.1 > 77.7	9.77e2	5.92e3	0.266	0.223	4.87	4.71	2.06	34.7672	74.0
11	41	13C8-PFOS	507.0 > 79.9	1.18e3	1.28e3	0.266	0.875	4.89	4.74	11.5	49.4167	105.2
12	42	13C2-PFDA	515.1 > 469.9	4.48e3	3.41e3	0.266	1.105	5.18	5.04	16.4	55.8003	118.8
13	43	13C2-8:2 FTS	529.1 > 508.7	6.94e2	6.68e3	0.266	0.101	5.15	5.00	1.30	48.4057	103.0
14	44	d3-N-MeFOSAA	573.3 > 419	1.92e3	5.92e3	0.266	0.345	5.32	5.18	4.04	44.0159	93.7
15	45	d5-N-EtFOSAA	589.3 > 419	2.32e3	5.92e3	0.266	0.390	5.47	5.34	4.89	47.1030	100.3
16	46	13C2-PFUdA	565 > 519.8	4.81e3	5.92e3	0.266	0.958	5.49	5.36	10.2	39.8342	84.8
17	47	13C2-PFDoA	615.0 > 569.7	2.83e3	5.92e3	0.266	0.599	5.77	5.64	5.97	37.4601	79.7
18	49	13C2-PFTeDA	714.8 > 669.6	1.78e3	5.92e3	0.266	0.282	6.22	6.11	3.76	50.1605	106.8
19	55	13C5-PFHxA	318 > 272.9	6.68e3	6.68e3	0.266	1.000	3.15	3.08	12.5	46.9836	100.0
20	56	13C3-PFHxS	401.9 > 79.9	1.58e3	1.58e3	0.266	1.000	4.02	3.85	12.5	46.9836	100.0
21	57	13C8-PFOA	421.3 > 376	6.73e3	6.73e3	0.266	1.000	4.38	4.22	12.5	46.9836	100.0
22	58	13C9-PFNA	472.2 > 426.9	7.16e3	7.16e3	0.266	1.000	4.81	4.66	12.5	46.9836	100.0
23	59	13C4-PFOS	503 > 79.9	1.28e3	1.28e3	0.266	1.000	4.89	4.75	12.5	46.9836	100.0
24	60	13C6-PFDA	519.1 > 473.7	3.41e3	3.41e3	0.266	1.000	5.18	5.04	12.5	46.9836	100.0
25	61	13C7-PFUdA	570.1 > 524.8	5.92e3	5.92e3	0.266	1.000	5.49	5.36	12.5	46.9836	100.0
26	62	Total PFHxS	398.9 > 79.6	8.66e4	5.27e2	0.266		4.14		2060	3648.6596	
27	63	Total PFOA	413 > 368.7	9.34e4	6.21e3	0.266		4.51		188	565.1585	
28	64	Total PFOS	499 > 79.9	3.14e5	1.18e3	0.266		4.75		3320	11761.2315	
29	65	Total N-MeFOSAA	570.1 > 419	0.00e0	1.92e3	0.266		5.45		0.000		
30	66	Total N-EtFOSAA	584.2 > 419	0.00e0	2.32e3	0.266		5.61		0.000		

Dataset: U:\Q4.PRO\results\180110M3\180110M3_61.qld

Last Altered: Friday, January 12, 2018 16:20:47 Pacific Standard Time

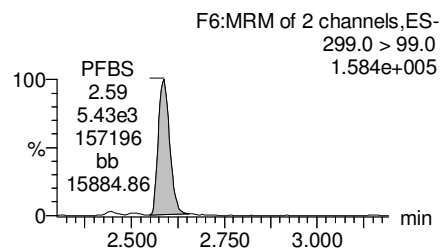
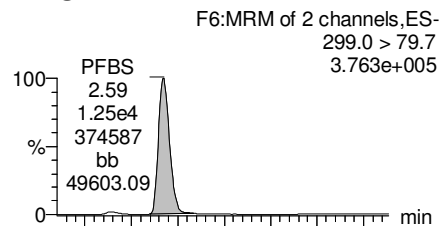
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Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_010818C.mdb 11 Jan 2018 15:33:36

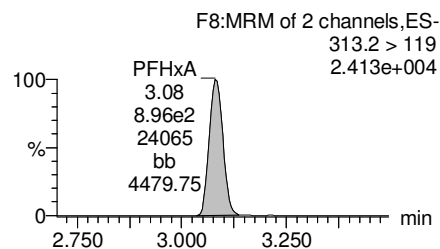
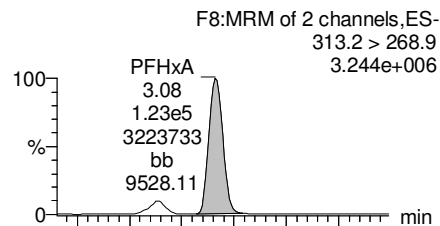
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Name: 180110M3_61, Date: 11-Jan-2018, Time: 20:33:42, ID: 1701852-03 IR03-MW018A-C2-17D 0.26605, Description: IR03-MW018A-C2-17D

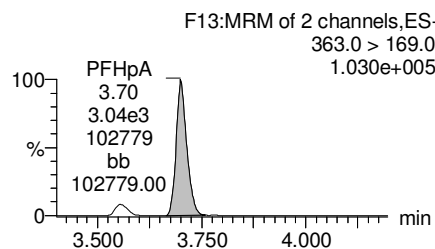
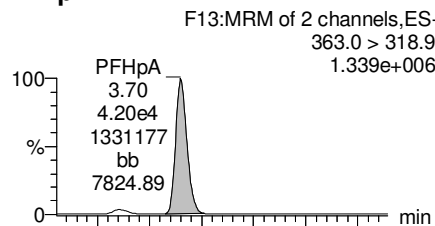
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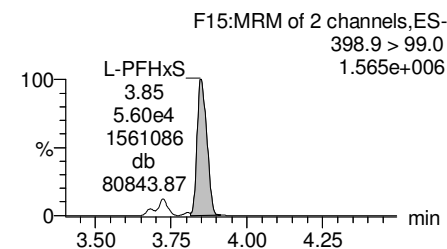
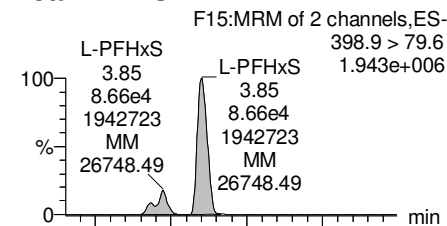
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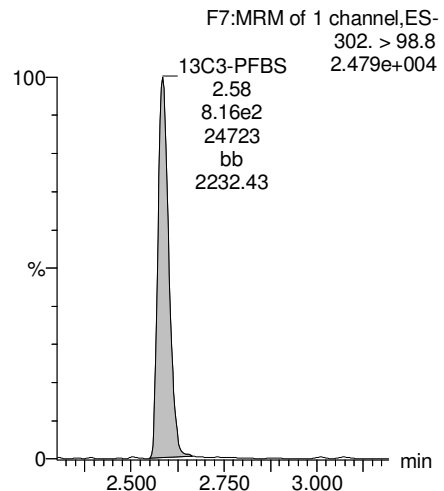
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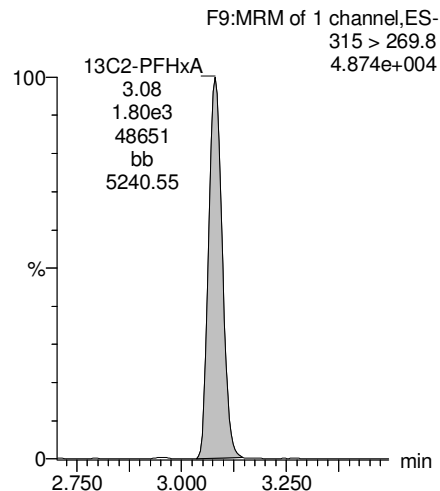
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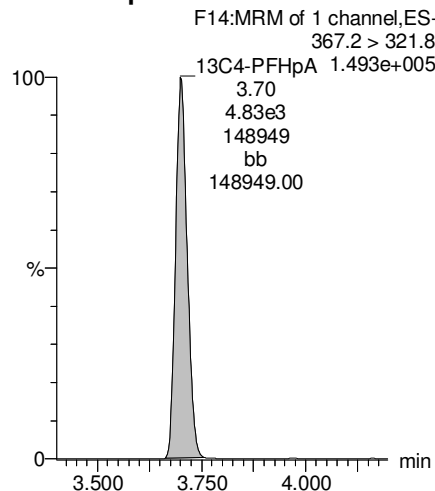
13C3-PFBS



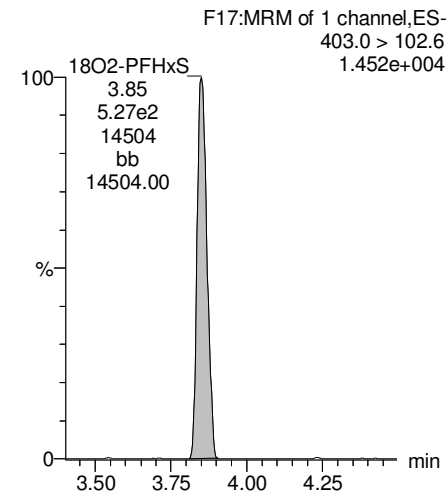
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



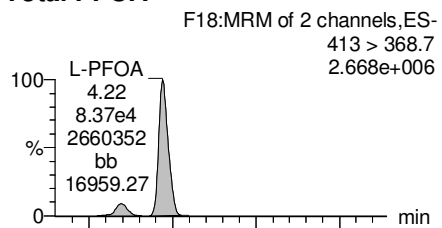
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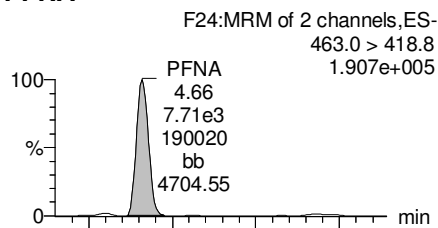
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Name: 180110M3_61, Date: 11-Jan-2018, Time: 20:33:42, ID: 1701852-03 IR03-MW018A-C2-17D 0.26605, Description: IR03-MW018A-C2-17D

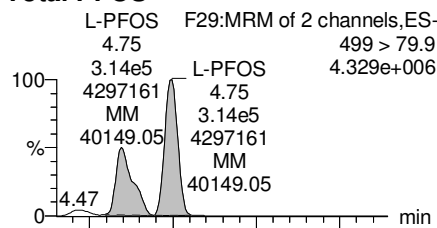
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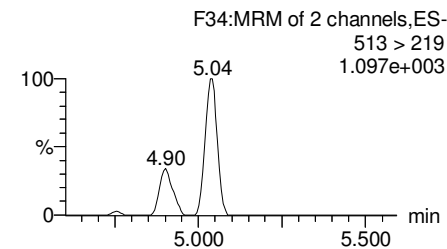
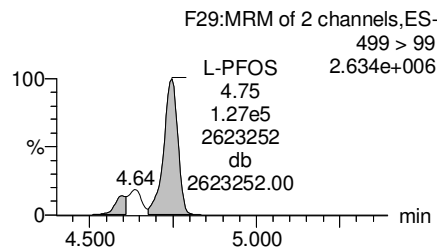
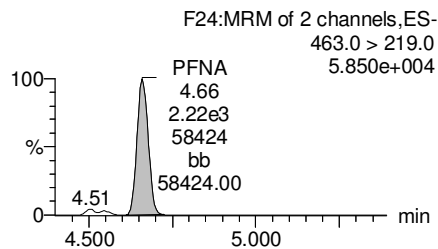
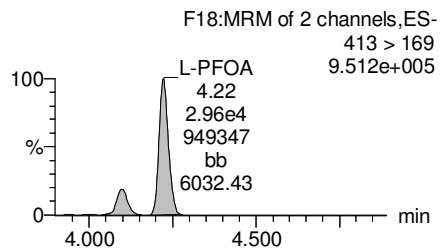
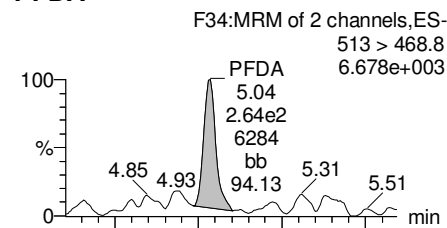
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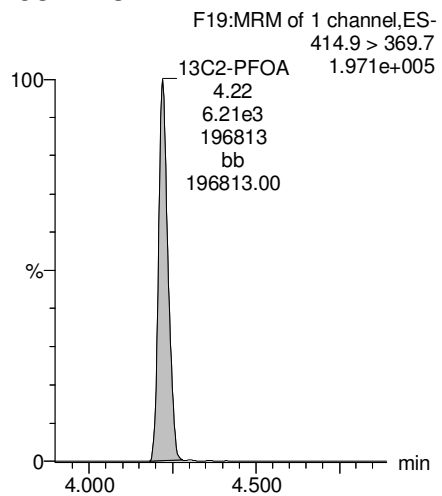
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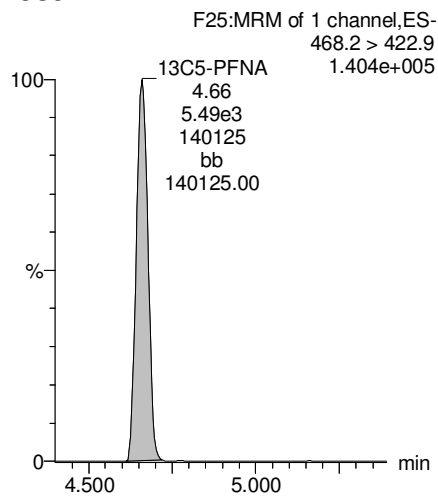
PFDA



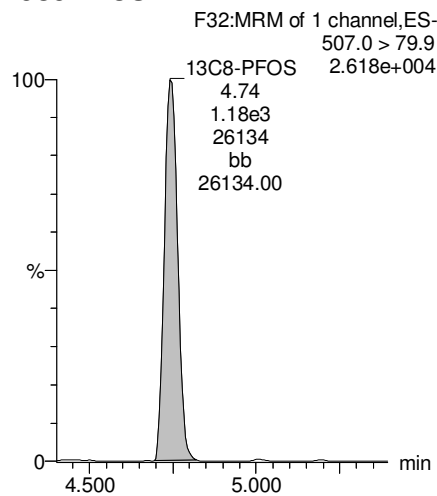
13C2-PFOA



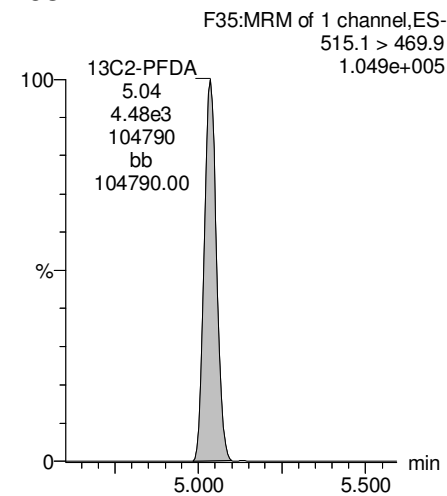
13C5-PFNA



13C8-PFOS



13C2-PFDA



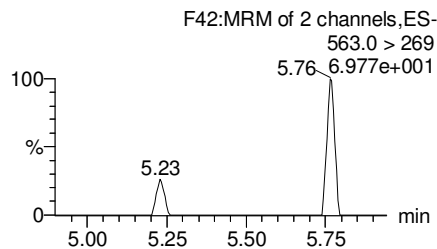
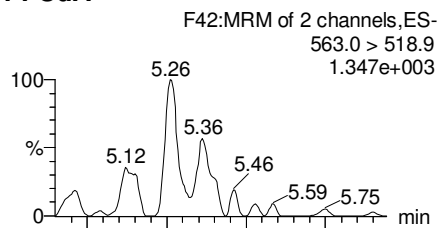
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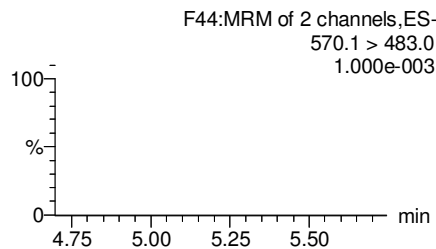
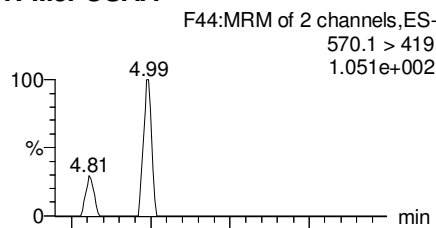
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Name: 180110M3_61, Date: 11-Jan-2018, Time: 20:33:42, ID: 1701852-03 IR03-MW018A-C2-17D 0.26605, Description: IR03-MW018A-C2-17D

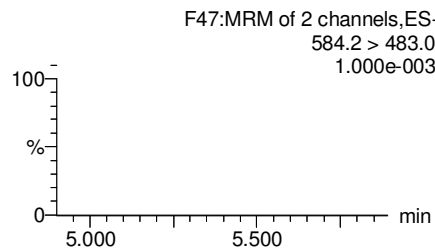
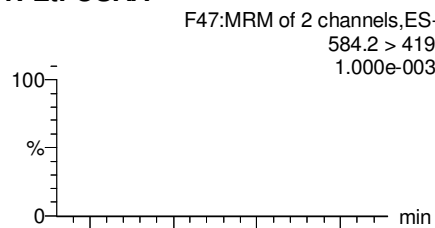
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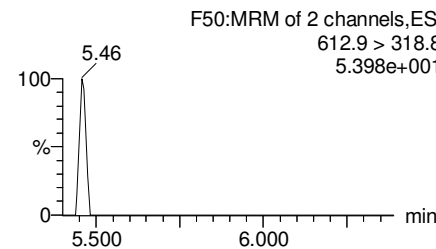
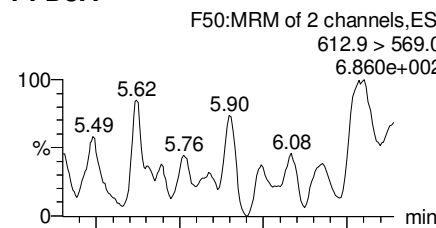
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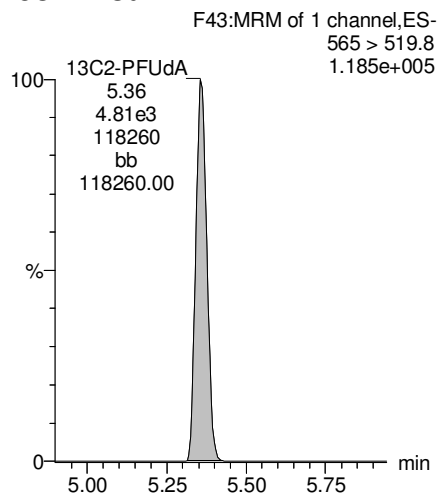
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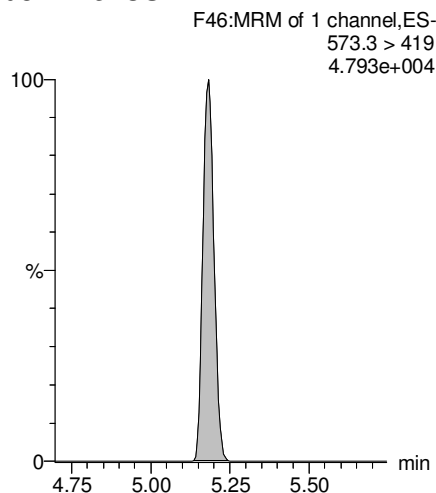
PFDaA



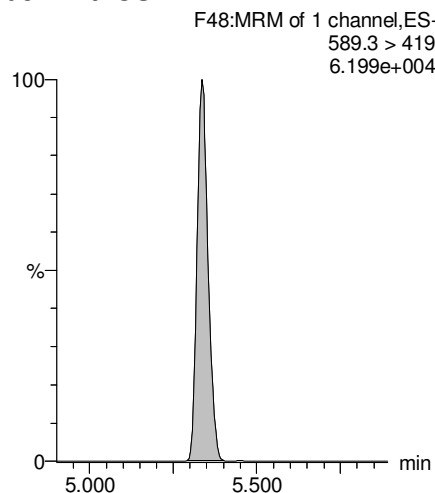
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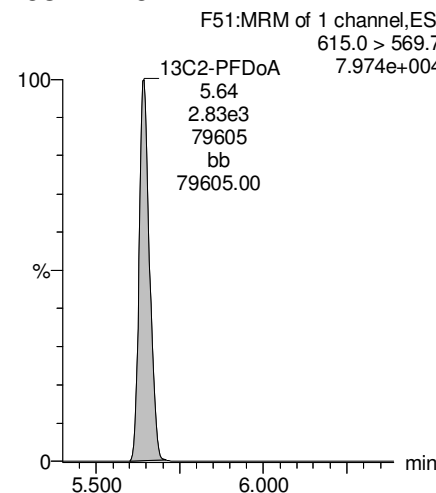
d3-N-MeFOSAA



d5-N-EtFOSAA



13C2-PFDaA



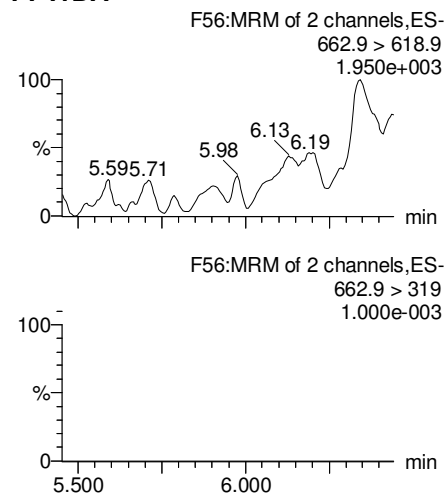
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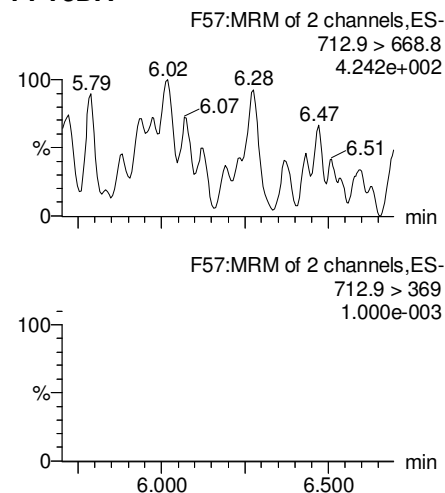
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Name: 180110M3_61, Date: 11-Jan-2018, Time: 20:33:42, ID: 1701852-03 IR03-MW018A-C2-17D 0.26605, Description: IR03-MW018A-C2-17D

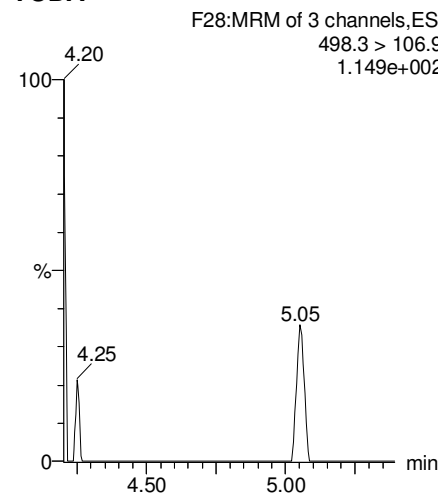
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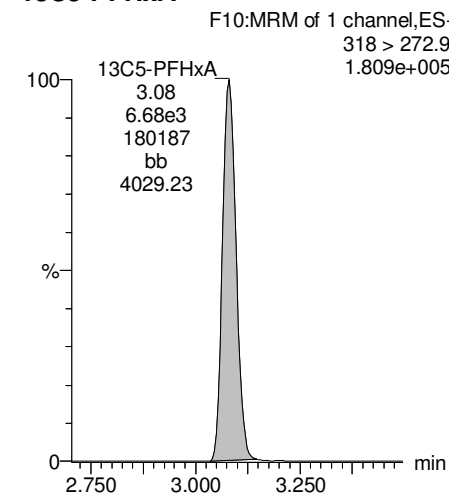
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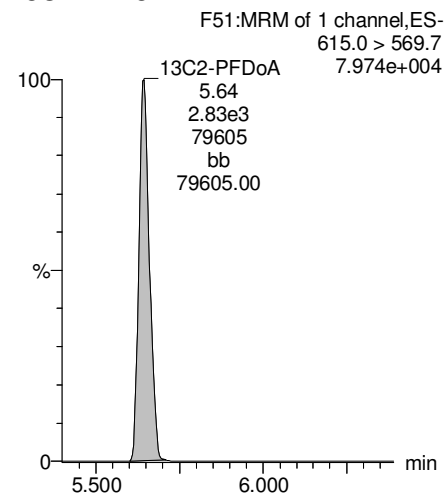
TCDA



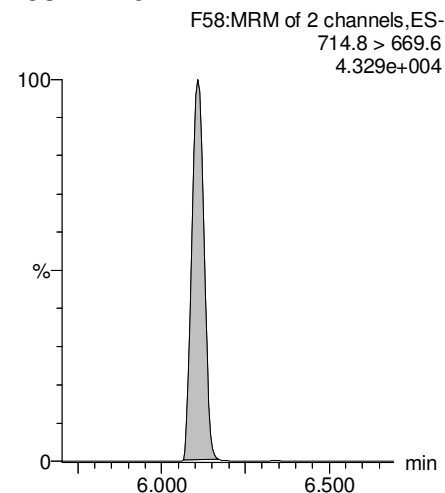
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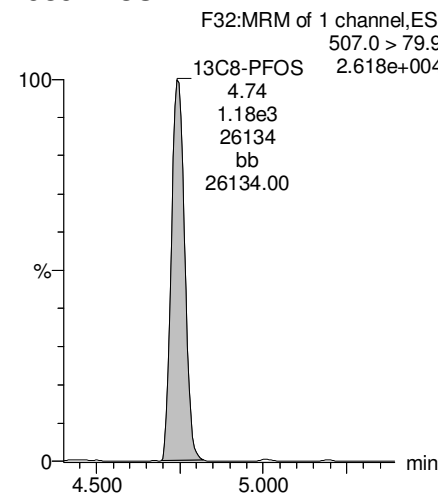
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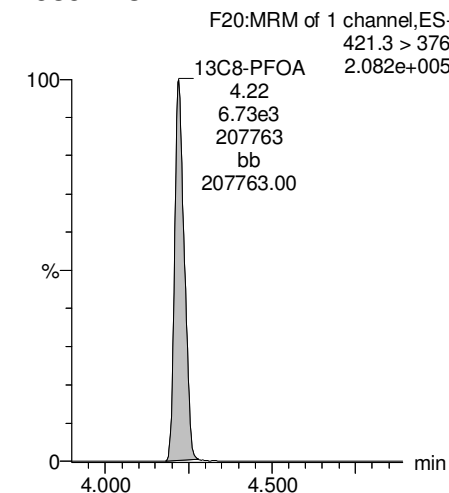
13C2-PFTeDA



13C8-PFOS



13C8-PFOA



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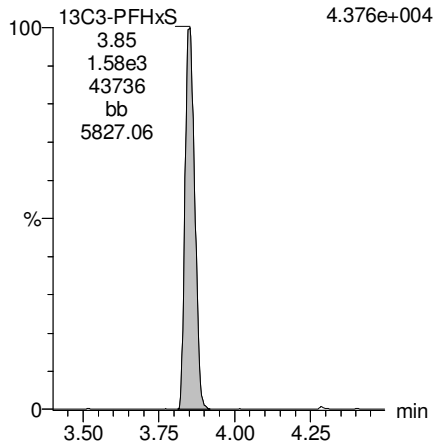
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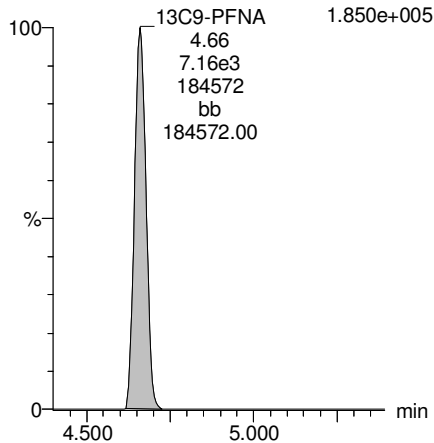
13C3-PFHxS

F16:MRM of 1 channel,ES-
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4.376e+004



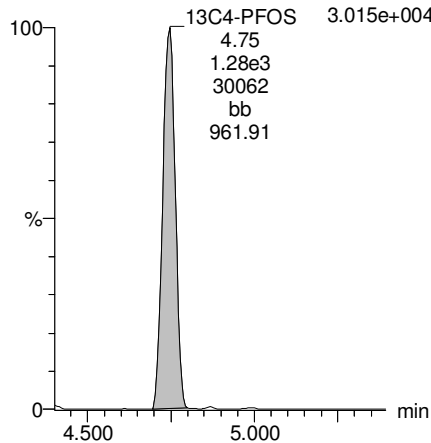
13C9-PFNA

F26:MRM of 1 channel,ES-
472.2 > 426.9
1.850e+005



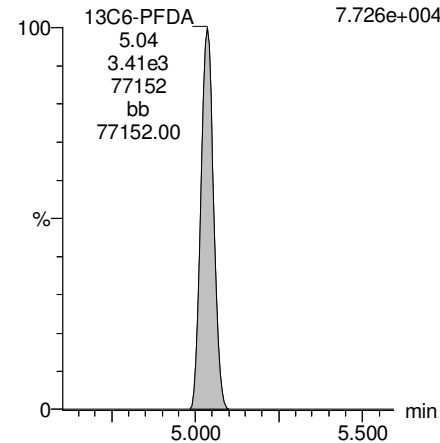
13C4-PFOS

F30:MRM of 1 channel,ES-
503 > 79.9
3.015e+004



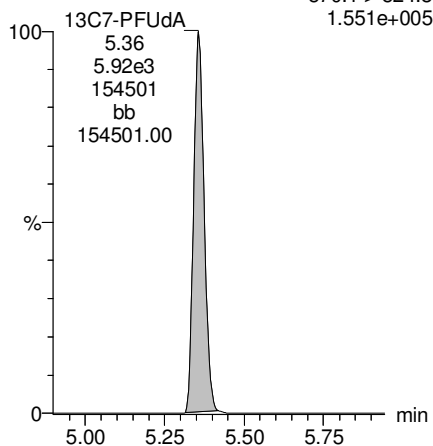
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
7.726e+004



13C7-PFUdA

F45:MRM of 1 channel,ES-
570.1 > 524.8
1.551e+005



Dataset: U:\Q4.PRO\results\180115M2\180115M2-65.qld

Last Altered: Tuesday, January 16, 2018 14:33:29 Pacific Standard Time

-UNITS ARE IN ug/L

Printed: Tuesday, January 16, 2018 14:33:43 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_011518.mdb 16 Jan 2018 13:43:12

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_01-15-18-FULL-OLD.cdb 16 Jan 2018 10:22:57

Name: 180115M2_65, Date: 16-Jan-2018, Time: 12:34:19, ID: 1701852-03@40X IR03-MW018A-C2-17D 0.26605, Description: IR03-MW018A-C2-17D

	# Name	Trace	Area	IS Area	Wt./Vol.	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	6 L-PFHxS	398.9 > 79.6	2.76e3	9.29e0	0.266		4.14	3.97	3.71	6.6013	
2	14 L-PFOS	499 > 79.9	1.36e4	2.37e1	0.266		5.02	4.85	7.18	24.3788 ^E	
3	36 18O2-PFHxS	403.0 > 102.6	9.29e0	6.78e1	0.266	0.336	4.14	3.97	0.00171	0.0192	40.8
4	41 13C8-PFOS	507.0 > 79.9	2.37e1	5.35e1	0.266	0.862	5.02	4.86	0.00553	0.0241	51.4
5	56 13C3-PFHxS	401.9 > 79.9	6.78e1	6.78e1	0.266	1.000	4.14	3.97	0.0125	0.0470	100.0
6	59 13C4-PFOS	503 > 79.9	5.35e1	5.35e1	0.266	1.000	5.02	4.85	0.0125	0.0470	100.0
7	62 Total PFHxS	398.9 > 79.6	2.76e3	9.29e0	0.266		4.14		3.71	6.6013	
8	64 Total PFOS	499 > 79.9	1.36e4	2.37e1	0.266		5.02		7.18	24.3788	

Dataset: U:\Q4.PRO\results\180115M2\180115M2-65.qld

Last Altered: Tuesday, January 16, 2018 14:33:29 Pacific Standard Time

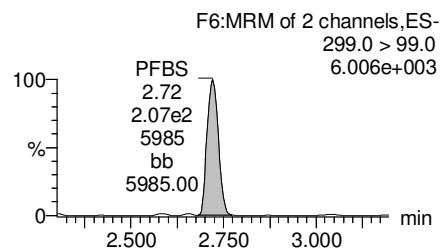
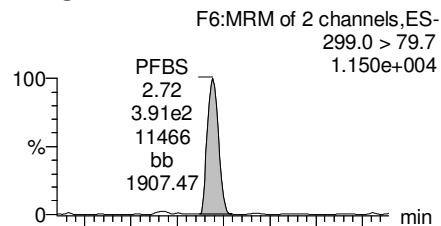
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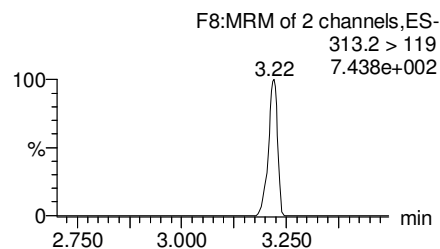
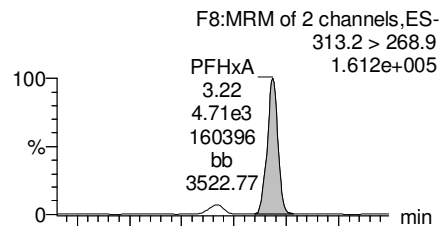
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Name: 180115M2_65, Date: 16-Jan-2018, Time: 12:34:19, ID: 1701852-03@40X IR03-MW018A-C2-17D 0.26605, Description: IR03-MW018A-C2-17D

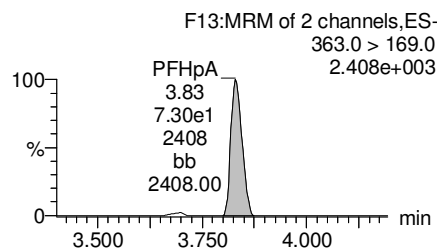
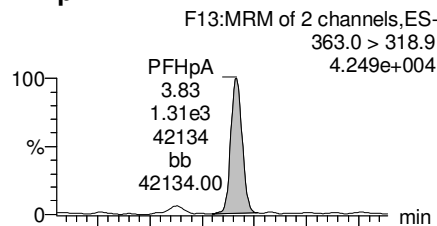
PFBS



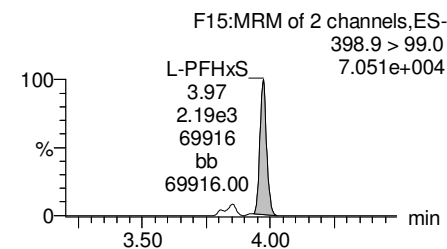
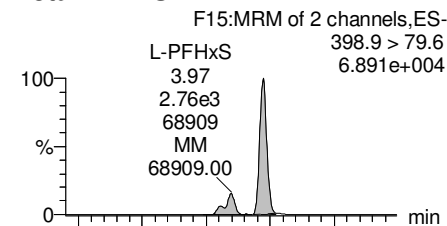
PFHxA



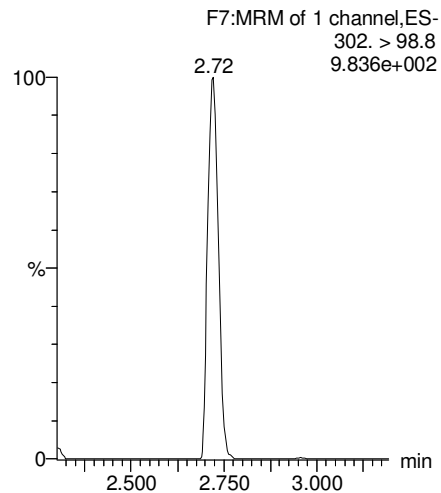
PFHpA



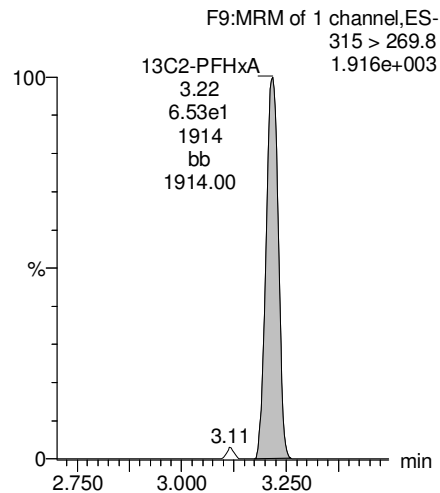
Total PFHxS



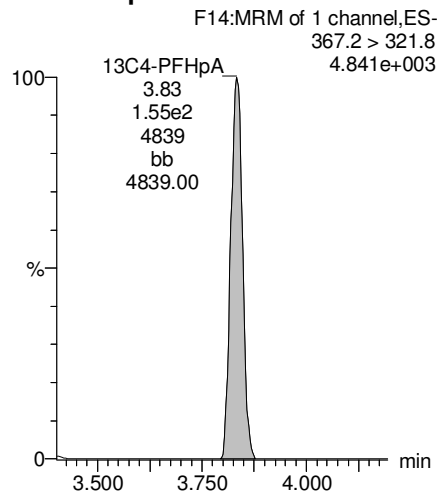
13C3-PFBS



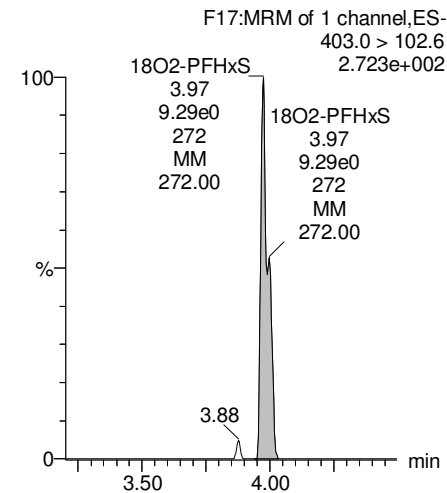
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



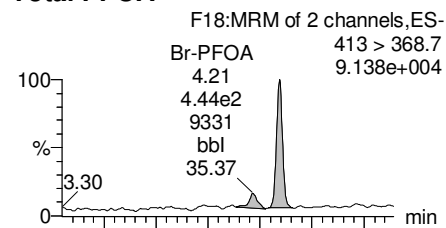
Dataset: U:\Q4.PRO\results\180115M2\180115M2-65.qld

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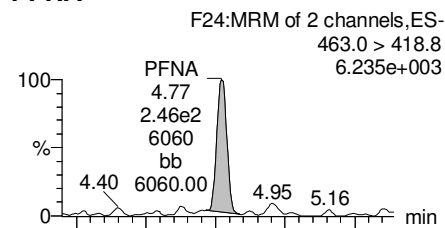
Printed: Tuesday, January 16, 2018 14:33:43 Pacific Standard Time

Name: 180115M2_65, Date: 16-Jan-2018, Time: 12:34:19, ID: 1701852-03@40X IR03-MW018A-C2-17D 0.26605, Description: IR03-MW018A-C2-17D

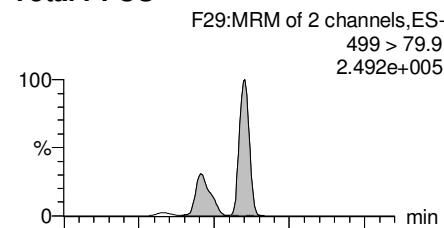
Total PFOA



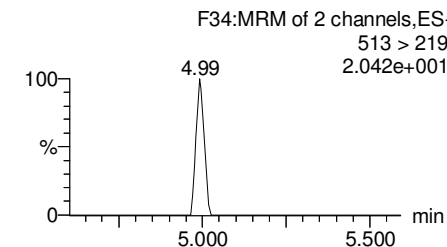
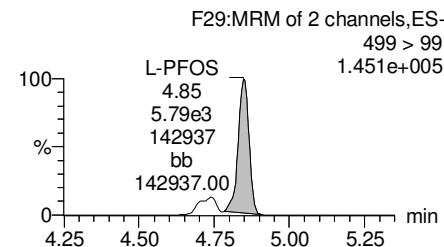
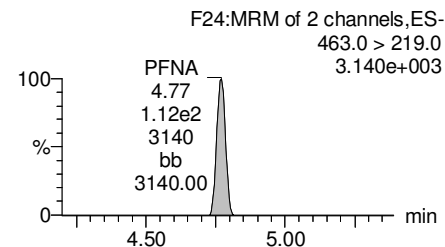
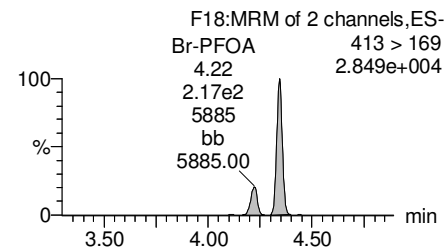
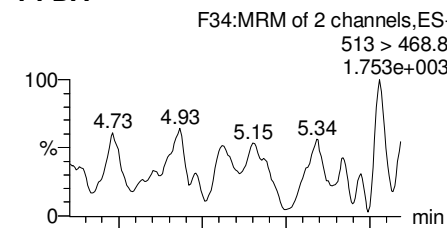
PFNA



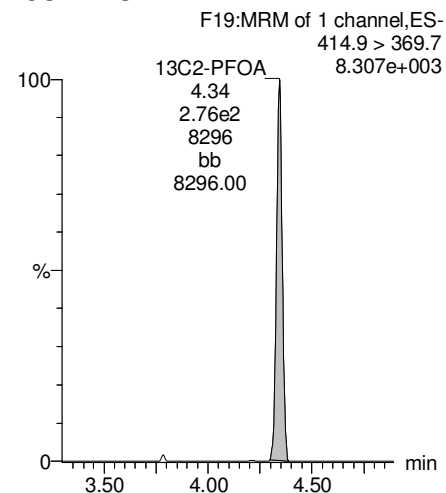
Total PFOS



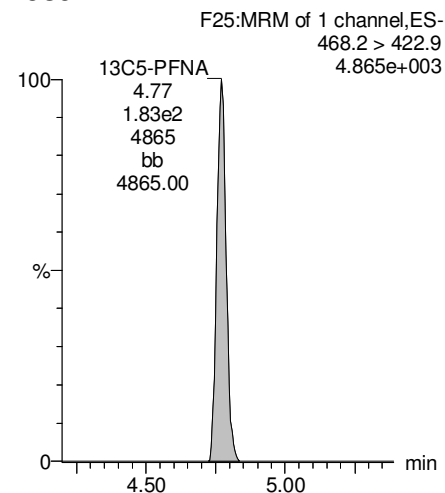
PFDA



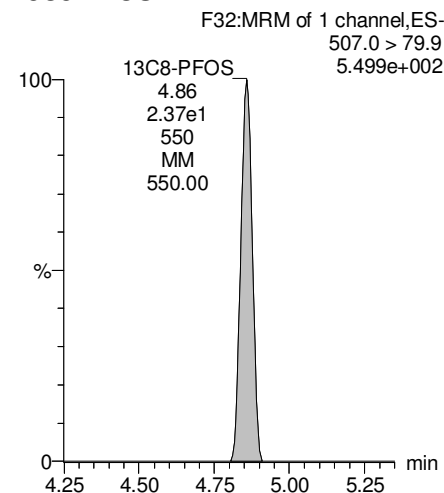
13C2-PFOA



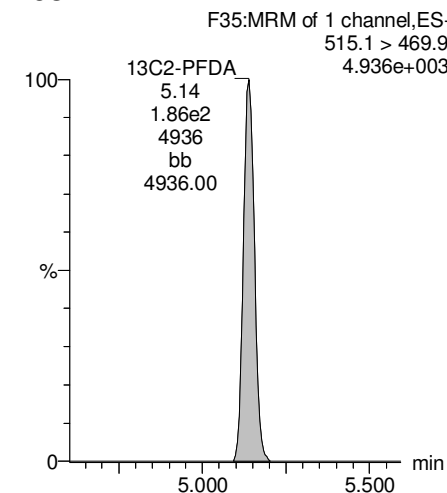
13C5-PFNA



13C8-PFOS



13C2-PFDA



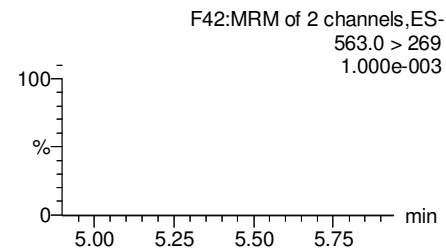
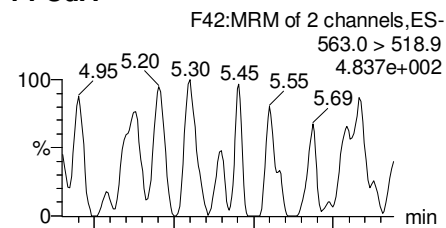
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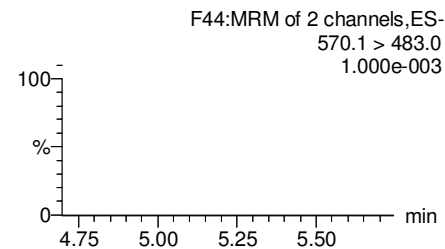
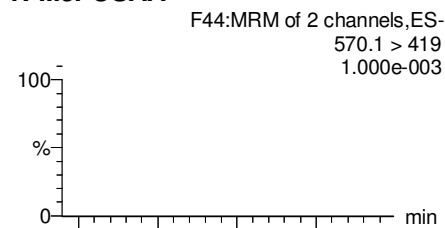
Printed: Tuesday, January 16, 2018 14:33:43 Pacific Standard Time

Name: 180115M2_65, Date: 16-Jan-2018, Time: 12:34:19, ID: 1701852-03@40X IR03-MW018A-C2-17D 0.26605, Description: IR03-MW018A-C2-17D

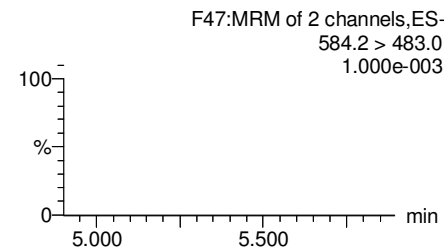
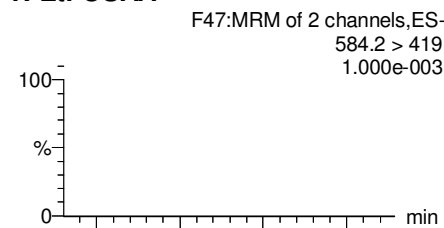
PFUdA



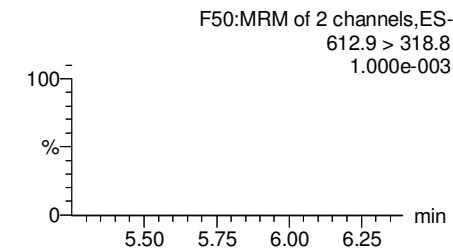
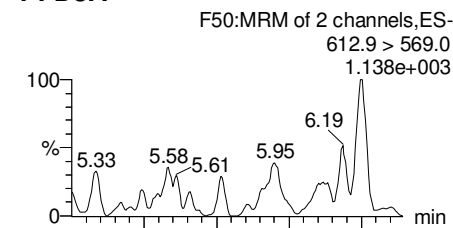
N-MeFOSAA



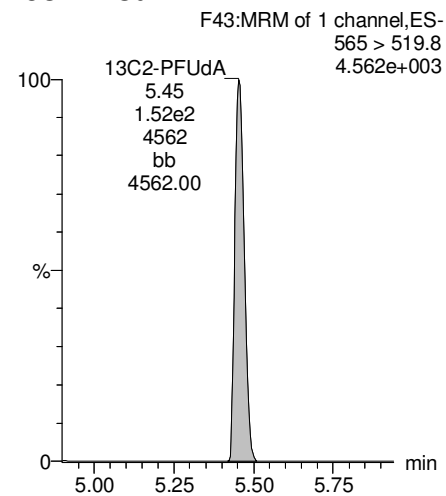
N-EtFOSAA



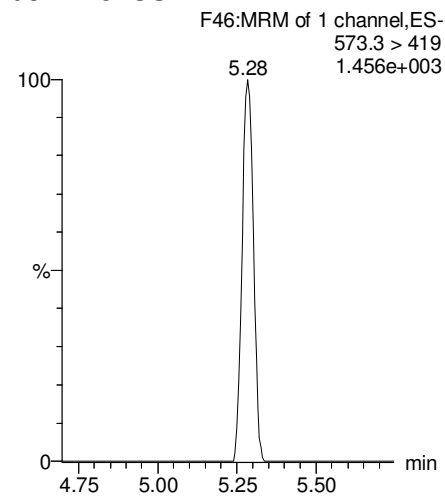
PFDaA



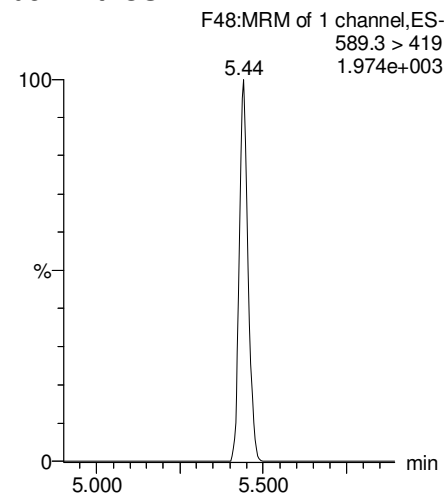
13C2-PFUdA



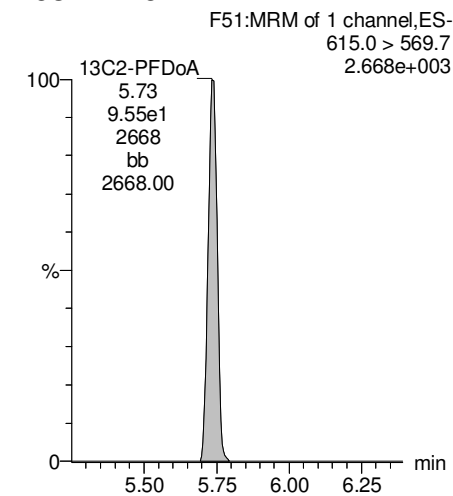
d3-N-MeFOSAA



d5-N-EtFOSAA



13C2-PFDaA



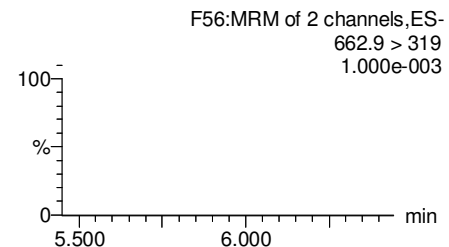
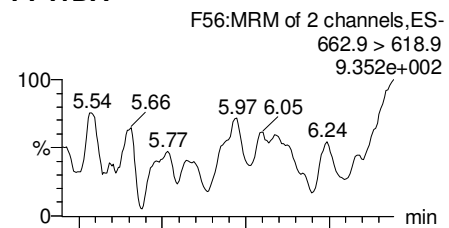
Dataset: U:\Q4.PRO\results\180115M2\180115M2-65.qld

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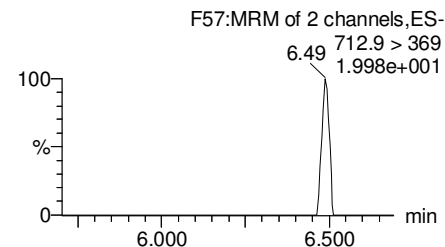
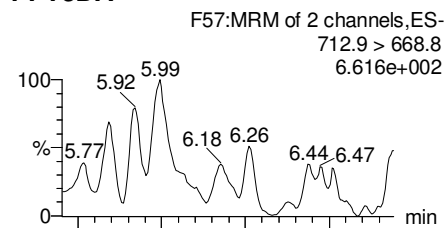
Printed: Tuesday, January 16, 2018 14:33:43 Pacific Standard Time

Name: 180115M2_65, Date: 16-Jan-2018, Time: 12:34:19, ID: 1701852-03@40X IR03-MW018A-C2-17D 0.26605, Description: IR03-MW018A-C2-17D

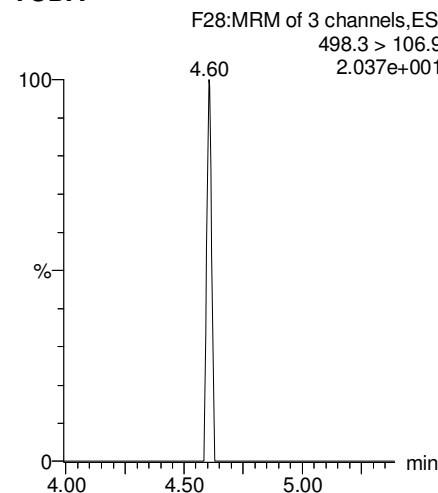
PFTrDA



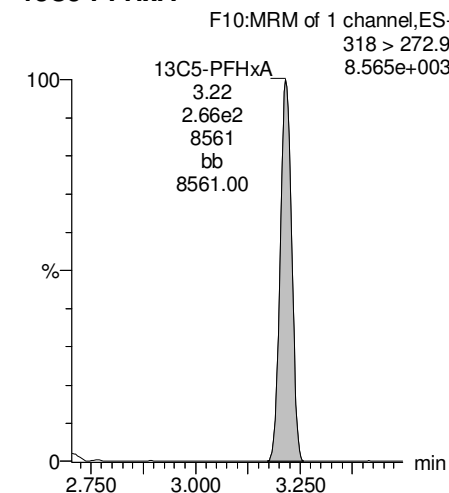
PFTeDA



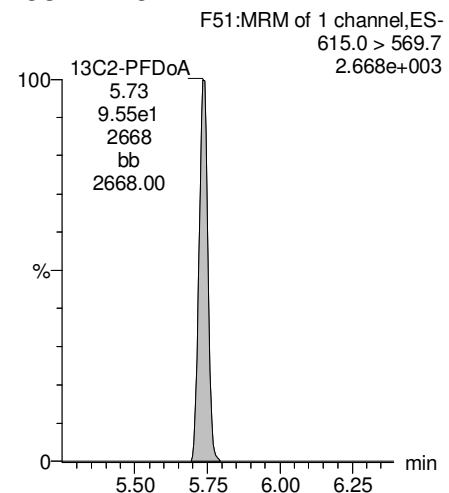
TCDA



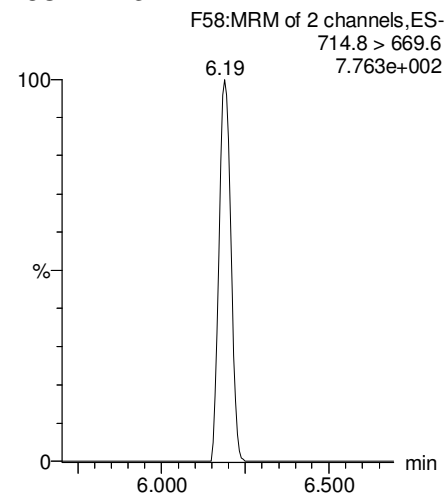
13C5-PFHxA



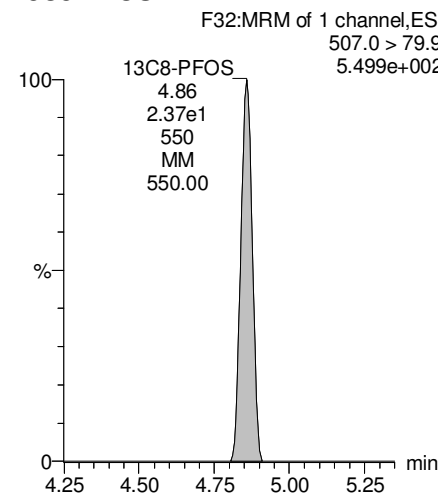
13C2-PFDoA



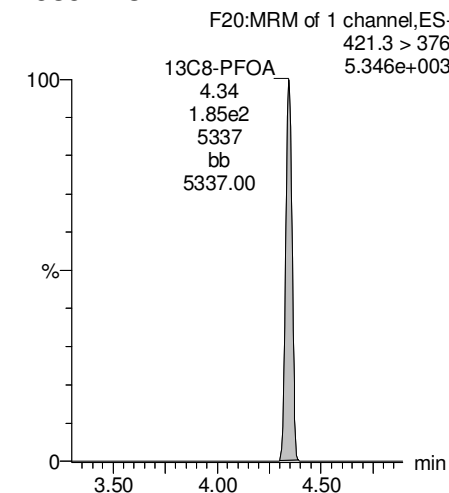
13C2-PFTeDA



13C8-PFOS



13C8-PFOA



Dataset: U:\Q4.PRO\results\180115M2\180115M2-65.qld

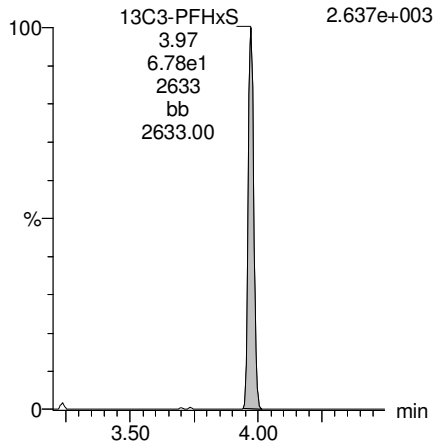
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Printed: Tuesday, January 16, 2018 14:33:43 Pacific Standard Time

Name: 180115M2_65, Date: 16-Jan-2018, Time: 12:34:19, ID: 1701852-03@40X IR03-MW018A-C2-17D 0.26605, Description: IR03-MW018A-C2-17D

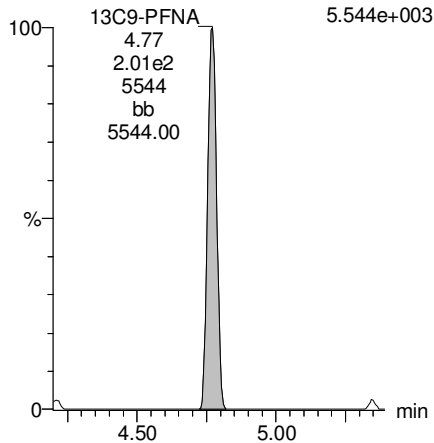
13C3-PFHxS

F16:MRM of 1 channel,ES-
401.9 > 79.9
2.637e+003



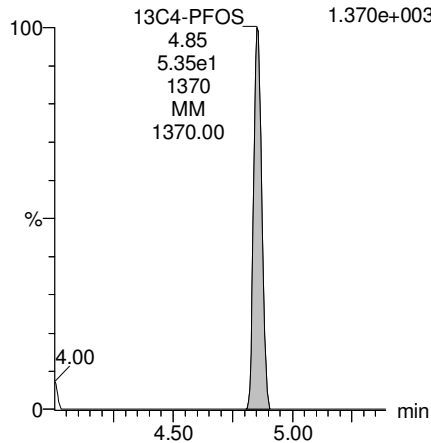
13C9-PFNA

F26:MRM of 1 channel,ES-
472.2 > 426.9
5.544e+003



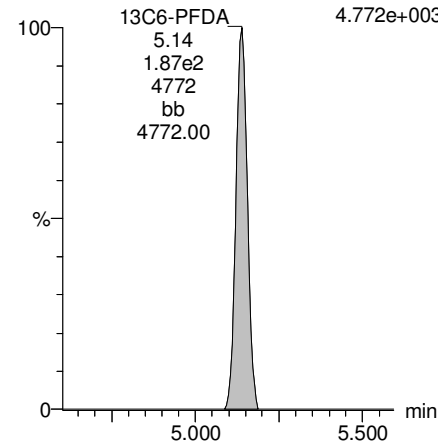
13C4-PFOS

F30:MRM of 1 channel,ES-
503 > 79.9
1.370e+003



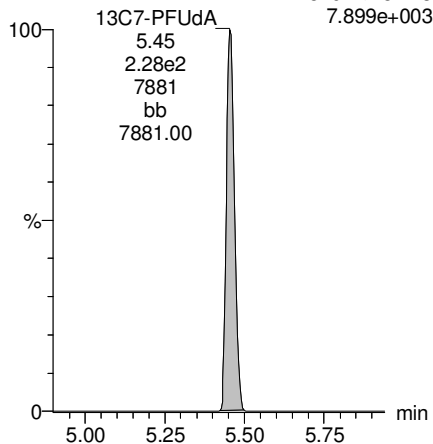
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
4.772e+003



13C7-PFUDa

F45:MRM of 1 channel,ES-
570.1 > 524.8
7.899e+003



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

Dataset: U:\Q4.PRO\results\171224M1\171224M1_IIS AREAS.qld

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Method: U:\Q4.PRO\MethDB\PFAS_RS-12-21-17.mdb 21 Dec 2017 14:40:41

Calibration: 09 Jan 2018 13:54:38

Name: 171224M1_7, Date: 24-Dec-2017, Time: 13:32:42, ID: ST171224M1-6 PFC CS3 17L1207, Description: PFC CS3 17L1207

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST171224M1-6 PFC CS3 17L1207	1.15e4	100.0	NO
2	2 13C5-PFHxA	ST171224M1-6 PFC CS3 17L1207	1.51e4	100.0	NO
3	3 13C3-PFHxS	ST171224M1-6 PFC CS3 17L1207	3.30e3	100.0	NO
4	4 13C8-PFOA	ST171224M1-6 PFC CS3 17L1207	1.08e4	100.0	NO
5	5 13C9-PFNA	ST171224M1-6 PFC CS3 17L1207	1.26e4	100.0	NO
6	6 13C4-PFOS	ST171224M1-6 PFC CS3 17L1207	3.45e3	100.0	NO
7	7 13C6-PFDA	ST171224M1-6 PFC CS3 17L1207	9.45e3	100.0	NO
8	8 13C7-PFUDa	ST171224M1-6 PFC CS3 17L1207	1.02e4	100.0	NO

Name: 171224M1_15, Date: 24-Dec-2017, Time: 15:02:08, ID: B7L0037-BS1 OPR 0.25, Description: OPR

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B7L0037-BS1 OPR 0.25	6.91e3	60.1	NO
2	2 13C5-PFHxA	B7L0037-BS1 OPR 0.25	9.76e3	64.6	NO
3	3 13C3-PFHxS	B7L0037-BS1 OPR 0.25	2.27e3	68.8	NO
4	4 13C8-PFOA	B7L0037-BS1 OPR 0.25	7.65e3	71.0	NO
5	5 13C9-PFNA	B7L0037-BS1 OPR 0.25	7.85e3	62.3	NO
6	6 13C4-PFOS	B7L0037-BS1 OPR 0.25	2.38e3	69.1	NO
7	7 13C6-PFDA	B7L0037-BS1 OPR 0.25	6.35e3	67.2	NO
8	8 13C7-PFUDa	B7L0037-BS1 OPR 0.25	7.68e3	75.2	NO

Name: 171224M1_16, Date: 24-Dec-2017, Time: 15:13:19, ID: B7L0037-BSD1 LCSD 0.25, Description: LCSD

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B7L0037-BSD1 LCSD 0.25	7.07e3	61.5	NO
2	2 13C5-PFHxA	B7L0037-BSD1 LCSD 0.25	9.62e3	63.6	NO
3	3 13C3-PFHxS	B7L0037-BSD1 LCSD 0.25	2.08e3	62.8	NO
4	4 13C8-PFOA	B7L0037-BSD1 LCSD 0.25	7.29e3	67.7	NO
5	5 13C9-PFNA	B7L0037-BSD1 LCSD 0.25	7.81e3	62.0	NO
6	6 13C4-PFOS	B7L0037-BSD1 LCSD 0.25	2.09e3	60.6	NO
7	7 13C6-PFDA	B7L0037-BSD1 LCSD 0.25	6.05e3	64.0	NO
8	8 13C7-PFUDa	B7L0037-BSD1 LCSD 0.25	7.02e3	68.8	NO

Name: 171224M1_17, Date: 24-Dec-2017, Time: 15:24:29, 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	3.43e1	0.3	YES
6	6 13C4-PFOS	IPA	1.41e1	0.4	YES
7	7 13C6-PFDA	IPA			NO
8	8 13C7-PFUDa	IPA	2.19e2	2.1	YES

Dataset: U:\Q4.PRO\results\171224M1\171224M1_IIS AREAS.qld

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Name: 171224M1_18, Date: 24-Dec-2017, Time: 15:35:40, ID: B7L0037-BLK1 Method Blank 0.25, Description: Method Blank

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B7L0037-BLK1 Method Blank 0.25	6.93e3	60.3	NO
2	2 13C5-PFHxA	B7L0037-BLK1 Method Blank 0.25	9.15e3	60.5	NO
3	3 13C3-PFHxS	B7L0037-BLK1 Method Blank 0.25	2.27e3	68.8	NO
4	4 13C8-PFOA	B7L0037-BLK1 Method Blank 0.25	7.79e3	72.4	NO
5	5 13C9-PFNA	B7L0037-BLK1 Method Blank 0.25	8.78e3	69.7	NO
6	6 13C4-PFOS	B7L0037-BLK1 Method Blank 0.25	2.05e3	59.3	NO
7	7 13C6-PFDA	B7L0037-BLK1 Method Blank 0.25	7.78e3	82.4	NO
8	8 13C7-PFUDa	B7L0037-BLK1 Method Blank 0.25	8.64e3	84.7	NO

Name: 171224M1_19, Date: 24-Dec-2017, Time: 15:46:51, ID: 1701799-01 MTBE_14102 0.24791, Description: MTBE_14102

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701799-01 MTBE_14102 0.24791	7.22e3	62.8	NO
2	2 13C5-PFHxA	1701799-01 MTBE_14102 0.24791	1.04e4	68.5	NO
3	3 13C3-PFHxS	1701799-01 MTBE_14102 0.24791	2.20e3	66.4	NO
4	4 13C8-PFOA	1701799-01 MTBE_14102 0.24791	8.13e3	75.5	NO
5	5 13C9-PFNA	1701799-01 MTBE_14102 0.24791	7.98e3	63.4	NO
6	6 13C4-PFOS	1701799-01 MTBE_14102 0.24791	2.56e3	74.2	NO
7	7 13C6-PFDA	1701799-01 MTBE_14102 0.24791	5.97e3	63.1	NO
8	8 13C7-PFUDa	1701799-01 MTBE_14102 0.24791	8.16e3	79.9	NO

Name: 171224M1_20, Date: 24-Dec-2017, Time: 15:58:01, ID: 1701809-01 62 Townsend Way 0.11675, Description: 62 Townsend Way

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701809-01 62 Townsend Way 0.11675	7.28e3	63.4	NO
2	2 13C5-PFHxA	1701809-01 62 Townsend Way 0.11675	9.66e3	63.9	NO
3	3 13C3-PFHxS	1701809-01 62 Townsend Way 0.11675	1.96e3	59.2	NO
4	4 13C8-PFOA	1701809-01 62 Townsend Way 0.11675	6.92e3	64.2	NO
5	5 13C9-PFNA	1701809-01 62 Townsend Way 0.11675	8.16e3	64.8	NO
6	6 13C4-PFOS	1701809-01 62 Townsend Way 0.11675	2.74e3	79.5	NO
7	7 13C6-PFDA	1701809-01 62 Townsend Way 0.11675	7.59e3	80.3	NO
8	8 13C7-PFUDa	1701809-01 62 Townsend Way 0.11675	8.62e3	84.4	NO

Name: 171224M1_21, Date: 24-Dec-2017, Time: 16:09:12, ID: 1701809-02 72 Townsend Way 0.11358, Description: 72 Townsend Way

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701809-02 72 Townsend Way 0.11358	7.14e3	62.1	NO
2	2 13C5-PFHxA	1701809-02 72 Townsend Way 0.11358	1.02e4	67.7	NO
3	3 13C3-PFHxS	1701809-02 72 Townsend Way 0.11358	2.12e3	64.0	NO
4	4 13C8-PFOA	1701809-02 72 Townsend Way 0.11358	6.88e3	63.9	NO
5	5 13C9-PFNA	1701809-02 72 Townsend Way 0.11358	8.31e3	66.0	NO
6	6 13C4-PFOS	1701809-02 72 Townsend Way 0.11358	2.33e3	67.6	NO
7	7 13C6-PFDA	1701809-02 72 Townsend Way 0.11358	5.86e3	62.0	NO
8	8 13C7-PFUDa	1701809-02 72 Townsend Way 0.11358	7.14e3	69.9	NO

Dataset: U:\Q4.PRO\results\171224M1\171224M1_IIS AREAS.qld

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Name: 171224M1_22, Date: 24-Dec-2017, Time: 16:20:23, ID: 1701822-01 WR1711291350MK 0.25256, Description: WR1711291350MK

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701822-01 WR1711291350MK 0.25256	6.94e3	60.4	NO
2	2 13C5-PFHxA	1701822-01 WR1711291350MK 0.25256	9.46e3	62.6	NO
3	3 13C3-PFHxS	1701822-01 WR1711291350MK 0.25256	2.28e3	68.9	NO
4	4 13C8-PFOA	1701822-01 WR1711291350MK 0.25256	7.94e3	73.7	NO
5	5 13C9-PFNA	1701822-01 WR1711291350MK 0.25256	7.07e3	56.1	NO
6	6 13C4-PFOS	1701822-01 WR1711291350MK 0.25256	2.18e3	63.1	NO
7	7 13C6-PFDA	1701822-01 WR1711291350MK 0.25256	6.91e3	73.1	NO
8	8 13C7-PFUDa	1701822-01 WR1711291350MK 0.25256	7.90e3	77.4	NO

Name: 171224M1_23, Date: 24-Dec-2017, Time: 16:31:33, ID: 1701822-02 WT1711291410MK 0.25428, Description: WT1711291410MK

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701822-02 WT1711291410MK 0.25428	6.89e3	60.0	NO
2	2 13C5-PFHxA	1701822-02 WT1711291410MK 0.25428	9.13e3	60.4	NO
3	3 13C3-PFHxS	1701822-02 WT1711291410MK 0.25428	2.44e3	74.0	NO
4	4 13C8-PFOA	1701822-02 WT1711291410MK 0.25428	7.73e3	71.8	NO
5	5 13C9-PFNA	1701822-02 WT1711291410MK 0.25428	9.35e3	74.2	NO
6	6 13C4-PFOS	1701822-02 WT1711291410MK 0.25428	2.42e3	70.2	NO
7	7 13C6-PFDA	1701822-02 WT1711291410MK 0.25428	5.83e3	61.7	NO
8	8 13C7-PFUDa	1701822-02 WT1711291410MK 0.25428	7.24e3	70.9	NO

Name: 171224M1_24, Date: 24-Dec-2017, Time: 16:42:44, ID: 1701822-03 FB1711291415MK 0.25507, Description: FB1711291415MK

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701822-03 FB1711291415MK 0.25507	6.93e3	60.3	NO
2	2 13C5-PFHxA	1701822-03 FB1711291415MK 0.25507	1.00e4	66.2	NO
3	3 13C3-PFHxS	1701822-03 FB1711291415MK 0.25507	2.42e3	73.1	NO
4	4 13C8-PFOA	1701822-03 FB1711291415MK 0.25507	8.01e3	74.4	NO
5	5 13C9-PFNA	1701822-03 FB1711291415MK 0.25507	7.61e3	60.5	NO
6	6 13C4-PFOS	1701822-03 FB1711291415MK 0.25507	2.05e3	59.5	NO
7	7 13C6-PFDA	1701822-03 FB1711291415MK 0.25507	6.44e3	68.1	NO
8	8 13C7-PFUDa	1701822-03 FB1711291415MK 0.25507	8.33e3	81.5	NO

Name: 171224M1_25, Date: 24-Dec-2017, Time: 16:53:55, ID: 1701822-04 WT1711291430MK 0.25342, Description: WT1711291430MK

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701822-04 WT1711291430MK 0.25342	6.61e3	57.5	NO
2	2 13C5-PFHxA	1701822-04 WT1711291430MK 0.25342	9.05e3	59.8	NO
3	3 13C3-PFHxS	1701822-04 WT1711291430MK 0.25342	2.04e3	61.6	NO
4	4 13C8-PFOA	1701822-04 WT1711291430MK 0.25342	6.25e3	58.0	NO
5	5 13C9-PFNA	1701822-04 WT1711291430MK 0.25342	6.76e3	53.7	NO
6	6 13C4-PFOS	1701822-04 WT1711291430MK 0.25342	1.86e3	53.9	NO
7	7 13C6-PFDA	1701822-04 WT1711291430MK 0.25342	5.61e3	59.4	NO
8	8 13C7-PFUDa	1701822-04 WT1711291430MK 0.25342	7.55e3	73.9	NO

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Name: 171224M1_26, Date: 24-Dec-2017, Time: 17:05:05, ID: 1701822-05 WT1711291445MK 0.25014, Description: WT1711291445MK

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701822-05 WT1711291445MK 0.25014	7.04e3	61.2	NO
2	2 13C5-PFHxA	1701822-05 WT1711291445MK 0.25014	9.89e3	65.4	NO
3	3 13C3-PFHxS	1701822-05 WT1711291445MK 0.25014	2.25e3	68.0	NO
4	4 13C8-PFOA	1701822-05 WT1711291445MK 0.25014	7.02e3	65.2	NO
5	5 13C9-PFNA	1701822-05 WT1711291445MK 0.25014	8.54e3	67.8	NO
6	6 13C4-PFOS	1701822-05 WT1711291445MK 0.25014	2.17e3	63.0	NO
7	7 13C6-PFDA	1701822-05 WT1711291445MK 0.25014	7.54e3	79.8	NO
8	8 13C7-PFUDa	1701822-05 WT1711291445MK 0.25014	8.66e3	84.9	NO

Name: 171224M1_27, Date: 24-Dec-2017, Time: 17:16:16, ID: 1701822-06 WT1711291525MK 0.24603, Description: WT1711291525MK

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701822-06 WT1711291525MK 0.24603	6.68e3	58.2	NO
2	2 13C5-PFHxA	1701822-06 WT1711291525MK 0.24603	9.21e3	60.9	NO
3	3 13C3-PFHxS	1701822-06 WT1711291525MK 0.24603	1.79e3	54.2	NO
4	4 13C8-PFOA	1701822-06 WT1711291525MK 0.24603	6.67e3	62.0	NO
5	5 13C9-PFNA	1701822-06 WT1711291525MK 0.24603	7.82e3	62.1	NO
6	6 13C4-PFOS	1701822-06 WT1711291525MK 0.24603	2.45e3	70.9	NO
7	7 13C6-PFDA	1701822-06 WT1711291525MK 0.24603	6.66e3	70.5	NO
8	8 13C7-PFUDa	1701822-06 WT1711291525MK 0.24603	7.20e3	70.5	NO

Name: 171224M1_28, Date: 24-Dec-2017, Time: 17:27:27, ID: 1701822-07 WT1711291530MK 0.24388, Description: WT1711291530MK

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701822-07 WT1711291530MK 0.24388	5.99e3	52.1	NO
2	2 13C5-PFHxA	1701822-07 WT1711291530MK 0.24388	8.90e3	58.8	NO
3	3 13C3-PFHxS	1701822-07 WT1711291530MK 0.24388	2.17e3	65.8	NO
4	4 13C8-PFOA	1701822-07 WT1711291530MK 0.24388	6.58e3	61.1	NO
5	5 13C9-PFNA	1701822-07 WT1711291530MK 0.24388	6.63e3	52.6	NO
6	6 13C4-PFOS	1701822-07 WT1711291530MK 0.24388	2.39e3	69.2	NO
7	7 13C6-PFDA	1701822-07 WT1711291530MK 0.24388	6.29e3	66.5	NO
8	8 13C7-PFUDa	1701822-07 WT1711291530MK 0.24388	6.88e3	67.4	NO

Name: 171224M1_29, Date: 24-Dec-2017, Time: 17:38:38, 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	1.66e1	0.1	YES
6	6 13C4-PFOS	IPA	1.36e1	0.4	YES
7	7 13C6-PFDA	IPA	3.20e1	0.3	YES
8	8 13C7-PFUDa	IPA	6.41e1	0.6	YES

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Name: 171224M1_30, Date: 24-Dec-2017, Time: 17:49:48, ID: ST171224M1-11 PFC CS3 17L1207, Description: PFC CS3 17L1207

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST171224M1-11 PFC CS3 17L1207	1.18e4	102.6	NO
2	2 13C5-PFHxA	ST171224M1-11 PFC CS3 17L1207	1.62e4	107.3	NO
3	3 13C3-PFHxS	ST171224M1-11 PFC CS3 17L1207	3.23e3	97.7	NO
4	4 13C8-PFOA	ST171224M1-11 PFC CS3 17L1207	1.37e4	127.5	NO
5	5 13C9-PFNA	ST171224M1-11 PFC CS3 17L1207	1.15e4	91.3	NO
6	6 13C4-PFOS	ST171224M1-11 PFC CS3 17L1207	3.44e3	99.7	NO
7	7 13C6-PFDA	ST171224M1-11 PFC CS3 17L1207	1.00e4	105.8	NO
8	8 13C7-PFUDa	ST171224M1-11 PFC CS3 17L1207	1.31e4	128.3	NO

Name: 171224M1_31, Date: 24-Dec-2017, Time: 18:00:59, 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	1.12e1	0.1	YES
5	5 13C9-PFNA	IPA	2.15e1	0.2	YES
6	6 13C4-PFOS	IPA	2.36e1	0.7	YES
7	7 13C6-PFDA	IPA	5.38e1	0.6	YES
8	8 13C7-PFUDa	IPA	1.09e2	1.1	YES

Name: 171224M1_32, Date: 24-Dec-2017, Time: 18:12:10, ID: 1701822-08 WT1711291545MK 0.2494, Description: WT1711291545MK

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701822-08 WT1711291545MK 0.2494	6.34e3	55.2	NO
2	2 13C5-PFHxA	1701822-08 WT1711291545MK 0.2494	9.05e3	59.8	NO
3	3 13C3-PFHxS	1701822-08 WT1711291545MK 0.2494	2.38e3	72.1	NO
4	4 13C8-PFOA	1701822-08 WT1711291545MK 0.2494	6.78e3	62.9	NO
5	5 13C9-PFNA	1701822-08 WT1711291545MK 0.2494	8.44e3	67.0	NO
6	6 13C4-PFOS	1701822-08 WT1711291545MK 0.2494	2.35e3	68.1	NO
7	7 13C6-PFDA	1701822-08 WT1711291545MK 0.2494	6.18e3	65.4	NO
8	8 13C7-PFUDa	1701822-08 WT1711291545MK 0.2494	6.73e3	65.9	NO

Name: 171224M1_33, Date: 24-Dec-2017, Time: 18:23:20, ID: 1701822-09 WT1711291555MK 0.24258, Description: WT1711291555MK

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701822-09 WT1711291555MK 0.24258	6.60e3	57.4	NO
2	2 13C5-PFHxA	1701822-09 WT1711291555MK 0.24258	9.25e3	61.1	NO
3	3 13C3-PFHxS	1701822-09 WT1711291555MK 0.24258	2.30e3	69.7	NO
4	4 13C8-PFOA	1701822-09 WT1711291555MK 0.24258	6.72e3	62.4	NO
5	5 13C9-PFNA	1701822-09 WT1711291555MK 0.24258	8.34e3	66.2	NO
6	6 13C4-PFOS	1701822-09 WT1711291555MK 0.24258	2.26e3	65.5	NO
7	7 13C6-PFDA	1701822-09 WT1711291555MK 0.24258	6.64e3	70.2	NO
8	8 13C7-PFUDa	1701822-09 WT1711291555MK 0.24258	6.96e3	68.1	NO

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Name: 171224M1_34, Date: 24-Dec-2017, Time: 18:34:31, ID: 1701822-10 WT1711291615MK 0.2415, Description: WT1711291615MK

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701822-10 WT1711291615MK 0.2415	7.18e3	62.5	NO
2	2 13C5-PFHxA	1701822-10 WT1711291615MK 0.2415	9.74e3	64.4	NO
3	3 13C3-PFHxS	1701822-10 WT1711291615MK 0.2415	2.22e3	67.2	NO
4	4 13C8-PFOA	1701822-10 WT1711291615MK 0.2415	7.68e3	71.3	NO
5	5 13C9-PFNA	1701822-10 WT1711291615MK 0.2415	8.42e3	66.9	NO
6	6 13C4-PFOS	1701822-10 WT1711291615MK 0.2415	2.30e3	66.6	NO
7	7 13C6-PFDA	1701822-10 WT1711291615MK 0.2415	6.22e3	65.8	NO
8	8 13C7-PFUdA	1701822-10 WT1711291615MK 0.2415	8.88e3	86.9	NO

Name: 171224M1_35, Date: 24-Dec-2017, Time: 18:45:42, ID: 1701847-01 Trip Blank 0.11597, Description: Trip Blank

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701847-01 Trip Blank 0.11597	6.83e3	59.4	NO
2	2 13C5-PFHxA	1701847-01 Trip Blank 0.11597	9.57e3	63.3	NO
3	3 13C3-PFHxS	1701847-01 Trip Blank 0.11597	2.01e3	60.9	NO
4	4 13C8-PFOA	1701847-01 Trip Blank 0.11597	7.00e3	65.0	NO
5	5 13C9-PFNA	1701847-01 Trip Blank 0.11597	7.22e3	57.4	NO
6	6 13C4-PFOS	1701847-01 Trip Blank 0.11597	2.21e3	64.2	NO
7	7 13C6-PFDA	1701847-01 Trip Blank 0.11597	6.15e3	65.0	NO
8	8 13C7-PFUdA	1701847-01 Trip Blank 0.11597	7.74e3	75.8	NO

Name: 171224M1_36, Date: 24-Dec-2017, Time: 18:56:52, ID: 1701847-02 NB-5 0.11428, Description: NB-5

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701847-02 NB-5 0.11428	7.11e3	61.9	NO
2	2 13C5-PFHxA	1701847-02 NB-5 0.11428	9.68e3	64.0	NO
3	3 13C3-PFHxS	1701847-02 NB-5 0.11428	2.15e3	65.0	NO
4	4 13C8-PFOA	1701847-02 NB-5 0.11428	7.45e3	69.2	NO
5	5 13C9-PFNA	1701847-02 NB-5 0.11428	7.75e3	61.5	NO
6	6 13C4-PFOS	1701847-02 NB-5 0.11428	2.66e3	77.2	NO
7	7 13C6-PFDA	1701847-02 NB-5 0.11428	6.17e3	65.2	NO
8	8 13C7-PFUdA	1701847-02 NB-5 0.11428	8.88e3	87.0	NO

Name: 171224M1_37, Date: 24-Dec-2017, Time: 19:08:03, ID: 1701847-03 FD-1 0.11243, Description: FD-1

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701847-03 FD-1 0.11243	6.79e3	59.1	NO
2	2 13C5-PFHxA	1701847-03 FD-1 0.11243	9.38e3	62.0	NO
3	3 13C3-PFHxS	1701847-03 FD-1 0.11243	2.44e3	73.9	NO
4	4 13C8-PFOA	1701847-03 FD-1 0.11243	7.48e3	69.5	NO
5	5 13C9-PFNA	1701847-03 FD-1 0.11243	8.75e3	69.5	NO
6	6 13C4-PFOS	1701847-03 FD-1 0.11243	2.42e3	70.1	NO
7	7 13C6-PFDA	1701847-03 FD-1 0.11243	6.67e3	70.6	NO
8	8 13C7-PFUdA	1701847-03 FD-1 0.11243	8.10e3	79.3	NO

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Name: 171224M1_38, Date: 24-Dec-2017, Time: 19:19:14, ID: 1701847-04 NBR-2 0.11505, Description: NBR-2

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701847-04 NBR-2 0.11505	7.21e3	62.7	NO
2	2 13C5-PFHxA	1701847-04 NBR-2 0.11505	1.01e4	66.7	NO
3	3 13C3-PFHxS	1701847-04 NBR-2 0.11505	2.42e3	73.2	NO
4	4 13C8-PFOA	1701847-04 NBR-2 0.11505	7.52e3	69.8	NO
5	5 13C9-PFNA	1701847-04 NBR-2 0.11505	9.80e3	77.8	NO
6	6 13C4-PFOS	1701847-04 NBR-2 0.11505	2.00e3	57.9	NO
7	7 13C6-PFDA	1701847-04 NBR-2 0.11505	7.06e3	74.7	NO
8	8 13C7-PFUDa	1701847-04 NBR-2 0.11505	8.22e3	80.5	NO

Name: 171224M1_39, Date: 24-Dec-2017, Time: 19:30:25, ID: 1701847-05 Field Blank 0.11754, Description: Field Blank

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701847-05 Field Blank 0.11754	6.77e3	59.0	NO
2	2 13C5-PFHxA	1701847-05 Field Blank 0.11754	9.48e3	62.7	NO
3	3 13C3-PFHxS	1701847-05 Field Blank 0.11754	2.01e3	60.8	NO
4	4 13C8-PFOA	1701847-05 Field Blank 0.11754	7.05e3	65.5	NO
5	5 13C9-PFNA	1701847-05 Field Blank 0.11754	8.84e3	70.2	NO
6	6 13C4-PFOS	1701847-05 Field Blank 0.11754	2.20e3	63.7	NO
7	7 13C6-PFDA	1701847-05 Field Blank 0.11754	5.68e3	60.1	NO
8	8 13C7-PFUDa	1701847-05 Field Blank 0.11754	6.91e3	67.6	NO

Name: 171224M1_40, Date: 24-Dec-2017, Time: 19:41:36, ID: B7L0064-BS1 OPR 0.25, Description: OPR

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B7L0064-BS1 OPR 0.25	7.68e3	66.9	NO
2	2 13C5-PFHxA	B7L0064-BS1 OPR 0.25	1.10e4	72.6	NO
3	3 13C3-PFHxS	B7L0064-BS1 OPR 0.25	2.64e3	80.0	NO
4	4 13C8-PFOA	B7L0064-BS1 OPR 0.25	8.76e3	81.4	NO
5	5 13C9-PFNA	B7L0064-BS1 OPR 0.25	1.04e4	82.8	NO
6	6 13C4-PFOS	B7L0064-BS1 OPR 0.25	2.62e3	76.0	NO
7	7 13C6-PFDA	B7L0064-BS1 OPR 0.25	5.60e3	59.3	NO
8	8 13C7-PFUDa	B7L0064-BS1 OPR 0.25	1.17e4	114.9	NO

Name: 171224M1_41, Date: 24-Dec-2017, Time: 19:52:46, ID: IPA, Description: IPA

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	IPA			NO
2	2 13C5-PFHxA	IPA	6.44e0	0.0	YES
3	3 13C3-PFHxS	IPA			NO
4	4 13C8-PFOA	IPA	8.37e0	0.1	YES
5	5 13C9-PFNA	IPA	1.63e1	0.1	YES
6	6 13C4-PFOS	IPA	1.94e1	0.6	YES
7	7 13C6-PFDA	IPA	1.37e1	0.1	YES
8	8 13C7-PFUDa	IPA	5.20e1	0.5	YES

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Name: 171224M1_42, Date: 24-Dec-2017, Time: 20:03:57, ID: B7L0064-BLK1 Method Blank 0.25, Description: Method Blank

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B7L0064-BLK1 Method Blank 0.25	7.69e3	67.0	NO
2	2 13C5-PFHxA	B7L0064-BLK1 Method Blank 0.25	1.12e4	74.3	NO
3	3 13C3-PFHxS	B7L0064-BLK1 Method Blank 0.25	2.17e3	65.7	NO
4	4 13C8-PFOA	B7L0064-BLK1 Method Blank 0.25	7.79e3	72.3	NO
5	5 13C9-PFNA	B7L0064-BLK1 Method Blank 0.25	7.44e3	59.1	NO
6	6 13C4-PFOS	B7L0064-BLK1 Method Blank 0.25	2.34e3	67.7	NO
7	7 13C6-PFDA	B7L0064-BLK1 Method Blank 0.25	7.55e3	79.9	NO
8	8 13C7-PFUDa	B7L0064-BLK1 Method Blank 0.25	6.86e3	67.2	NO

Name: 171224M1_43, Date: 24-Dec-2017, Time: 20:15:07, ID: B7L0064-MS1 Matrix Spike 0.25776, Description: Matrix Spike

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B7L0064-MS1 Matrix Spike 0.25776	8.01e3	69.8	NO
2	2 13C5-PFHxA	B7L0064-MS1 Matrix Spike 0.25776	1.06e4	70.2	NO
3	3 13C3-PFHxS	B7L0064-MS1 Matrix Spike 0.25776	2.38e3	72.1	NO
4	4 13C8-PFOA	B7L0064-MS1 Matrix Spike 0.25776	8.21e3	76.3	NO
5	5 13C9-PFNA	B7L0064-MS1 Matrix Spike 0.25776	9.20e3	73.1	NO
6	6 13C4-PFOS	B7L0064-MS1 Matrix Spike 0.25776	2.71e3	78.6	NO
7	7 13C6-PFDA	B7L0064-MS1 Matrix Spike 0.25776	6.71e3	71.0	NO
8	8 13C7-PFUDa	B7L0064-MS1 Matrix Spike 0.25776	8.26e3	80.9	NO

Name: 171224M1_44, Date: 24-Dec-2017, Time: 20:26:18, ID: B7L0064-MSD1 Matrix Spike Dup 0.25959, Description: Matrix Spike Dup

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B7L0064-MSD1 Matrix Spike Dup 0.259...	7.34e3	63.9	NO
2	2 13C5-PFHxA	B7L0064-MSD1 Matrix Spike Dup 0.259...	9.95e3	65.8	NO
3	3 13C3-PFHxS	B7L0064-MSD1 Matrix Spike Dup 0.259...	2.28e3	69.1	NO
4	4 13C8-PFOA	B7L0064-MSD1 Matrix Spike Dup 0.259...	8.29e3	77.0	NO
5	5 13C9-PFNA	B7L0064-MSD1 Matrix Spike Dup 0.259...	8.37e3	66.4	NO
6	6 13C4-PFOS	B7L0064-MSD1 Matrix Spike Dup 0.259...	2.50e3	72.5	NO
7	7 13C6-PFDA	B7L0064-MSD1 Matrix Spike Dup 0.259...	6.04e3	63.9	NO
8	8 13C7-PFUDa	B7L0064-MSD1 Matrix Spike Dup 0.259...	8.15e3	79.8	NO

Name: 171224M1_45, Date: 24-Dec-2017, Time: 20:37:29, ID: 1701845-01 Trip Blank 0.26221, Description: Trip Blank

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701845-01 Trip Blank 0.26221	7.48e3	65.1	NO
2	2 13C5-PFHxA	1701845-01 Trip Blank 0.26221	1.04e4	68.7	NO
3	3 13C3-PFHxS	1701845-01 Trip Blank 0.26221	2.28e3	68.9	NO
4	4 13C8-PFOA	1701845-01 Trip Blank 0.26221	7.68e3	71.4	NO
5	5 13C9-PFNA	1701845-01 Trip Blank 0.26221	7.40e3	58.8	NO
6	6 13C4-PFOS	1701845-01 Trip Blank 0.26221	2.56e3	74.2	NO
7	7 13C6-PFDA	1701845-01 Trip Blank 0.26221	6.97e3	73.8	NO
8	8 13C7-PFUDa	1701845-01 Trip Blank 0.26221	1.07e4	104.5	NO

Dataset: U:\Q4.PRO\results\171224M1\171224M1_IIS AREAS.qld

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Name: 171224M1_46, Date: 24-Dec-2017, Time: 20:48:40, ID: 1701845-02 Field Blank 1129 0.26198, Description: Field Blank 1129

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701845-02 Field Blank 1129 0.26198	8.05e3	70.1	NO
2	2 13C5-PFHxA	1701845-02 Field Blank 1129 0.26198	1.16e4	76.8	NO
3	3 13C3-PFHxS	1701845-02 Field Blank 1129 0.26198	2.70e3	81.6	NO
4	4 13C8-PFOA	1701845-02 Field Blank 1129 0.26198	9.54e3	88.6	NO
5	5 13C9-PFNA	1701845-02 Field Blank 1129 0.26198	8.25e3	65.5	NO
6	6 13C4-PFOS	1701845-02 Field Blank 1129 0.26198	2.74e3	79.4	NO
7	7 13C6-PFDA	1701845-02 Field Blank 1129 0.26198	7.69e3	81.4	NO
8	8 13C7-PFUDa	1701845-02 Field Blank 1129 0.26198	9.06e3	88.7	NO

Name: 171224M1_47, Date: 24-Dec-2017, Time: 20:59:50, ID: 1701845-03 Equipment Blank 1129 0.26161, Description: Equipment Blank 1129

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701845-03 Equipment Blank 1129 0.26...	7.57e3	65.9	NO
2	2 13C5-PFHxA	1701845-03 Equipment Blank 1129 0.26...	1.18e4	78.2	NO
3	3 13C3-PFHxS	1701845-03 Equipment Blank 1129 0.26...	2.57e3	77.8	NO
4	4 13C8-PFOA	1701845-03 Equipment Blank 1129 0.26...	8.72e3	80.9	NO
5	5 13C9-PFNA	1701845-03 Equipment Blank 1129 0.26...	8.59e3	68.2	NO
6	6 13C4-PFOS	1701845-03 Equipment Blank 1129 0.26...	2.64e3	76.6	NO
7	7 13C6-PFDA	1701845-03 Equipment Blank 1129 0.26...	7.72e3	81.7	NO
8	8 13C7-PFUDa	1701845-03 Equipment Blank 1129 0.26...	7.99e3	78.2	NO

Name: 171224M1_48, Date: 24-Dec-2017, Time: 21:11:01, ID: 1701845-04 Chisholm Bridge S 0.25484, Description: Chisholm Bridge S

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701845-04 Chisholm Bridge S 0.25484	7.41e3	64.5	NO
2	2 13C5-PFHxA	1701845-04 Chisholm Bridge S 0.25484	1.06e4	69.8	NO
3	3 13C3-PFHxS	1701845-04 Chisholm Bridge S 0.25484	2.39e3	72.2	NO
4	4 13C8-PFOA	1701845-04 Chisholm Bridge S 0.25484	7.71e3	71.6	NO
5	5 13C9-PFNA	1701845-04 Chisholm Bridge S 0.25484	8.44e3	67.0	NO
6	6 13C4-PFOS	1701845-04 Chisholm Bridge S 0.25484	2.47e3	71.7	NO
7	7 13C6-PFDA	1701845-04 Chisholm Bridge S 0.25484	7.81e3	82.6	NO
8	8 13C7-PFUDa	1701845-04 Chisholm Bridge S 0.25484	9.44e3	92.5	NO

Name: 171224M1_49, Date: 24-Dec-2017, Time: 21:22:11, ID: 1701845-05 Chisholm Bridge D 0.25973, Description: Chisholm Bridge D

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701845-05 Chisholm Bridge D 0.25973	8.04e3	70.0	NO
2	2 13C5-PFHxA	1701845-05 Chisholm Bridge D 0.25973	1.12e4	73.8	NO
3	3 13C3-PFHxS	1701845-05 Chisholm Bridge D 0.25973	2.51e3	76.1	NO
4	4 13C8-PFOA	1701845-05 Chisholm Bridge D 0.25973	8.60e3	79.8	NO
5	5 13C9-PFNA	1701845-05 Chisholm Bridge D 0.25973	6.77e3	53.8	NO
6	6 13C4-PFOS	1701845-05 Chisholm Bridge D 0.25973	2.42e3	70.1	NO
7	7 13C6-PFDA	1701845-05 Chisholm Bridge D 0.25973	7.97e3	84.3	NO
8	8 13C7-PFUDa	1701845-05 Chisholm Bridge D 0.25973	9.04e3	88.5	NO

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Name: 171224M1_50, Date: 24-Dec-2017, Time: 21:33:23, ID: 1701845-06 AHL S 0.25614, Description: AHL S

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701845-06 AHL S 0.25614	8.08e3	70.3	NO
2	2 13C5-PFHxA	1701845-06 AHL S 0.25614	1.21e4	79.9	NO
3	3 13C3-PFHxS	1701845-06 AHL S 0.25614	2.68e3	81.0	NO
4	4 13C8-PFOA	1701845-06 AHL S 0.25614	8.59e3	79.8	NO
5	5 13C9-PFNA	1701845-06 AHL S 0.25614	8.70e3	69.1	NO
6	6 13C4-PFOS	1701845-06 AHL S 0.25614	2.71e3	78.7	NO
7	7 13C6-PFDA	1701845-06 AHL S 0.25614	7.59e3	80.3	NO
8	8 13C7-PFUdA	1701845-06 AHL S 0.25614	1.07e4	104.8	NO

Name: 171224M1_51, Date: 24-Dec-2017, Time: 21:44:33, 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	3.20e1	0.3	YES
6	6 13C4-PFOS	IPA	1.43e1	0.4	YES
7	7 13C6-PFDA	IPA	5.97e1	0.6	YES
8	8 13C7-PFUdA	IPA	1.34e2	1.3	YES

Name: 171224M1_52, Date: 24-Dec-2017, Time: 21:55:44, ID: ST171224M1-12 PFC CS3 17L1207, Description: PFC CS3 17L1207

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST171224M1-12 PFC CS3 17L1207	1.23e4	107.4	NO
2	2 13C5-PFHxA	ST171224M1-12 PFC CS3 17L1207	1.60e4	105.6	NO
3	3 13C3-PFHxS	ST171224M1-12 PFC CS3 17L1207	3.61e3	109.1	NO
4	4 13C8-PFOA	ST171224M1-12 PFC CS3 17L1207	1.27e4	117.5	NO
5	5 13C9-PFNA	ST171224M1-12 PFC CS3 17L1207	1.23e4	97.6	NO
6	6 13C4-PFOS	ST171224M1-12 PFC CS3 17L1207	3.87e3	112.2	NO
7	7 13C6-PFDA	ST171224M1-12 PFC CS3 17L1207	9.10e3	96.3	NO
8	8 13C7-PFUdA	ST171224M1-12 PFC CS3 17L1207	1.08e4	105.8	NO

Name: 171224M1_53, Date: 24-Dec-2017, Time: 22:06:54, 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	6.99e0	0.1	YES
5	5 13C9-PFNA	IPA			NO
6	6 13C4-PFOS	IPA	1.71e1	0.5	YES
7	7 13C6-PFDA	IPA	3.79e1	0.4	YES
8	8 13C7-PFUdA	IPA	4.49e1	0.4	YES

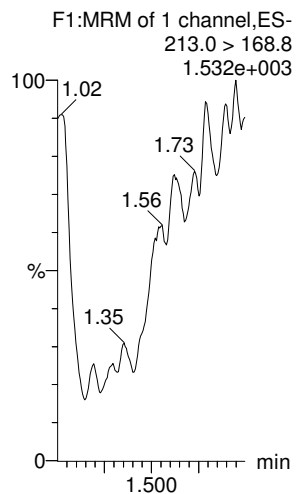
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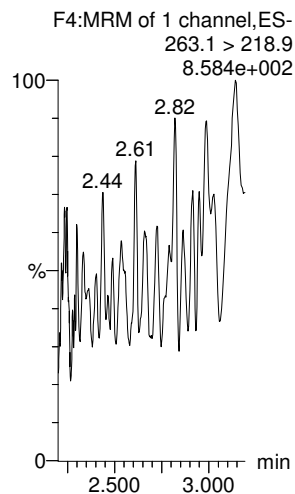
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Calibration: 26 Dec 2017 11:57:48

Name: 171224M1_12, Date: 24-Dec-2017, Time: 14:28:35, ID: IPA, Description: IPA

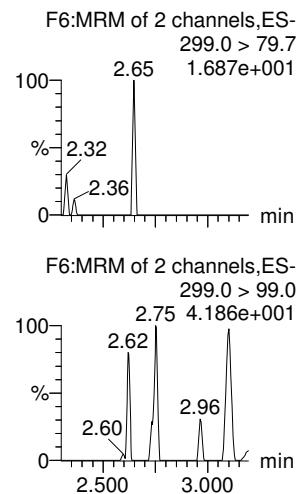
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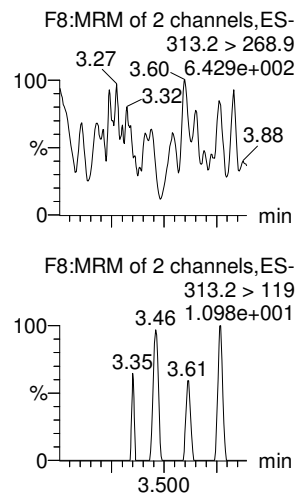
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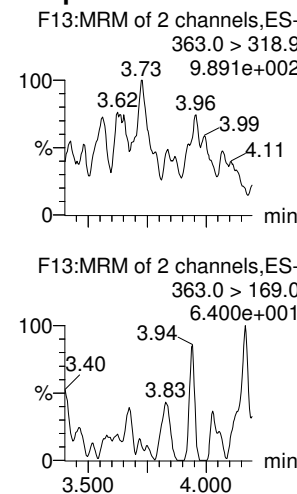
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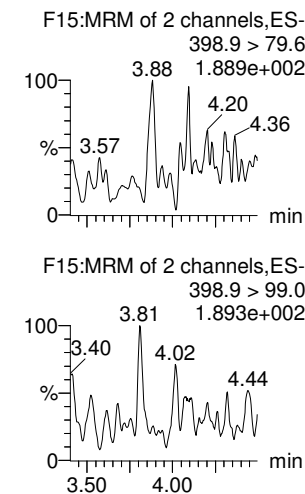
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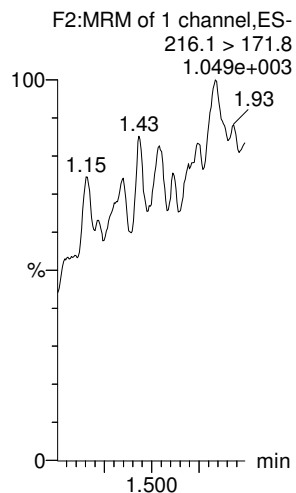
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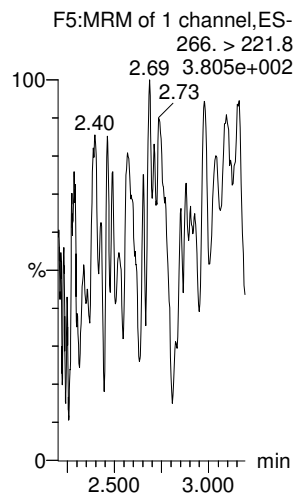
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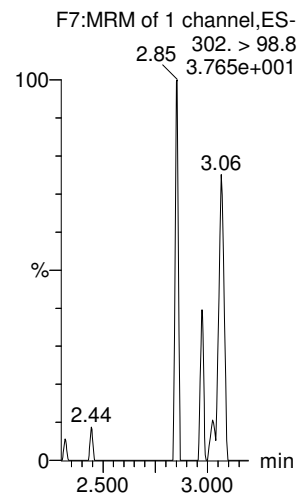
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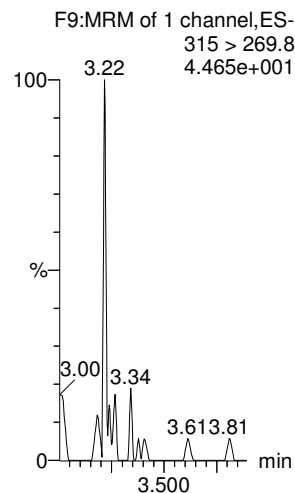
13C3-PFPeA



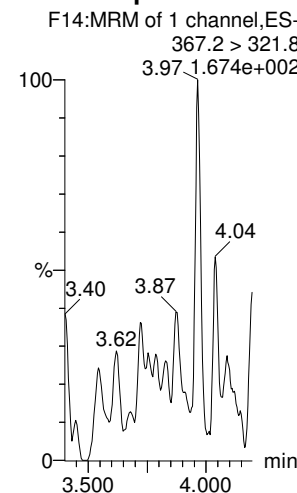
13C3-PFBS



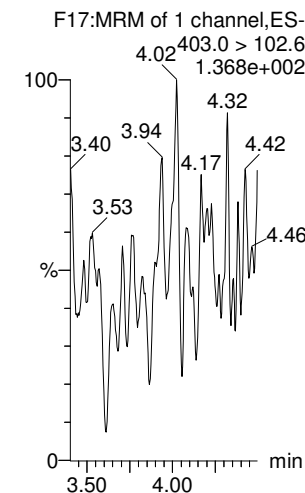
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



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6:2 FTS

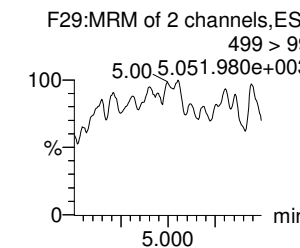
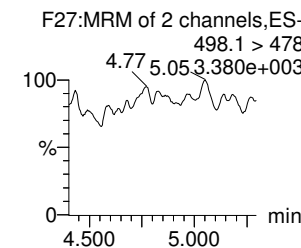
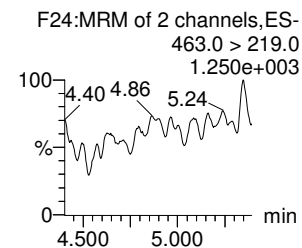
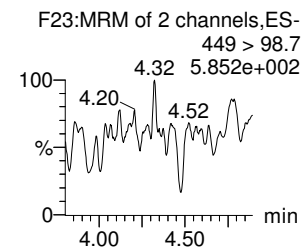
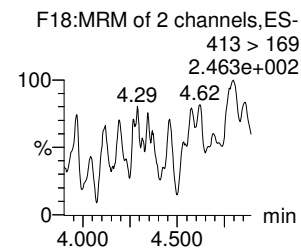
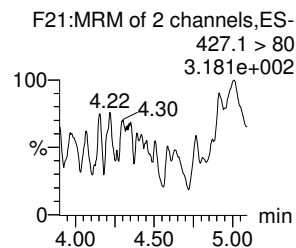
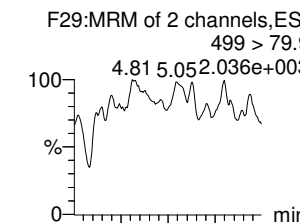
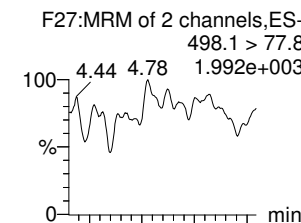
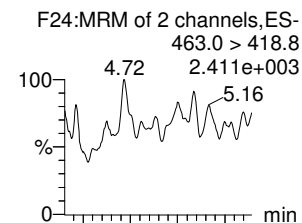
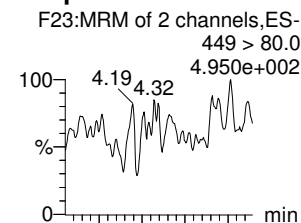
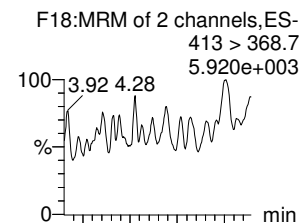
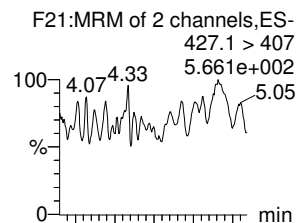
L-PFOA

PFHpS

PFNA

PFOSA

L-PFOS



13C2-6:2 FTS

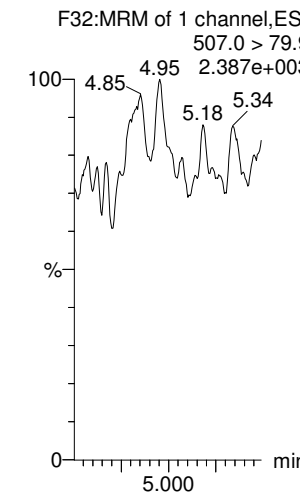
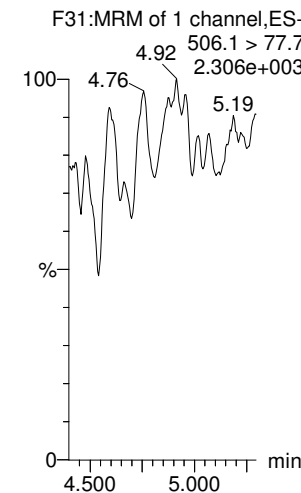
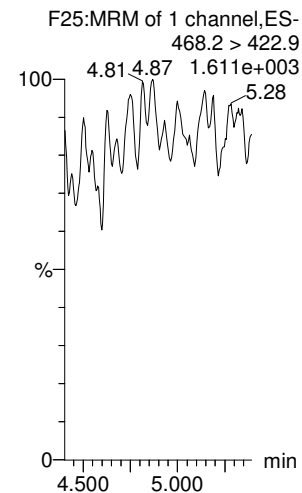
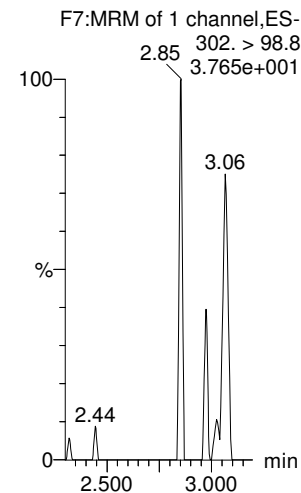
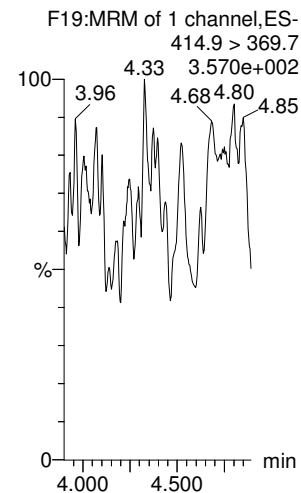
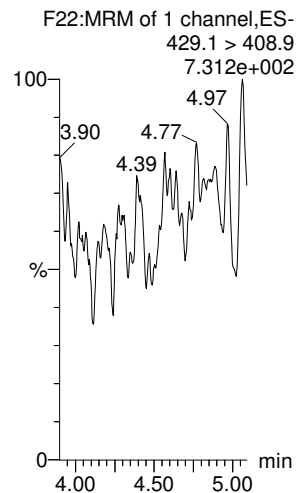
13C2-PFOA

13C3-PFBS

13C5-PFNA

13C8-PFOA

13C8-PFOS



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PFDA

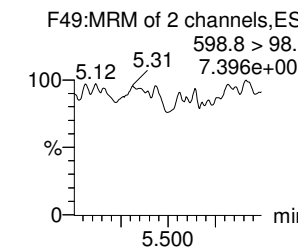
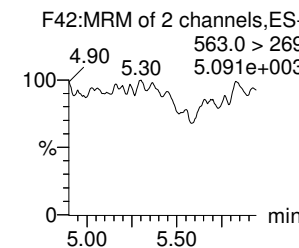
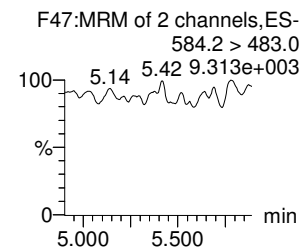
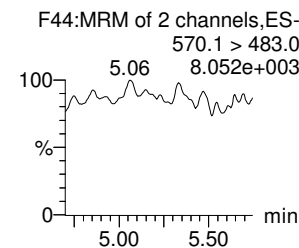
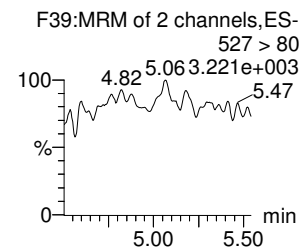
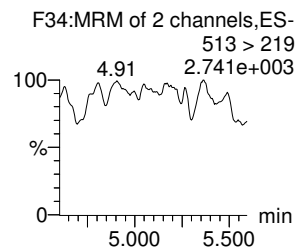
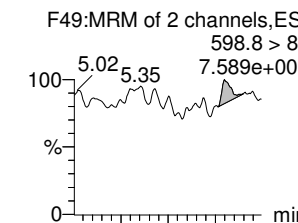
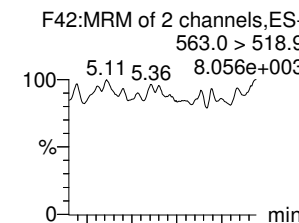
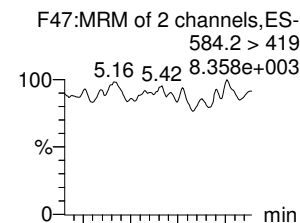
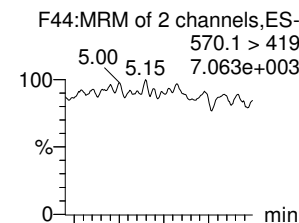
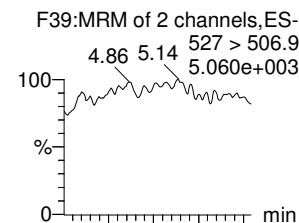
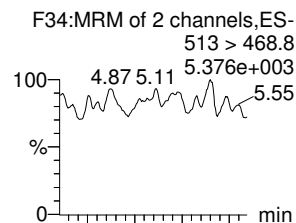
8:2 FTS

N-MeFOSAA

N-EtFOSAA

PFUdA

PFDS



13C2-PFDA

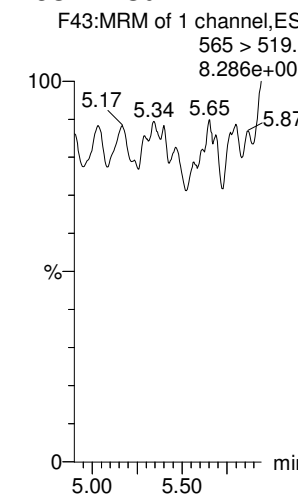
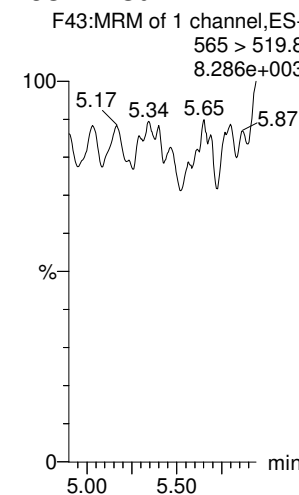
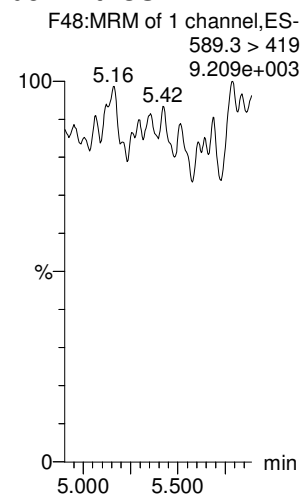
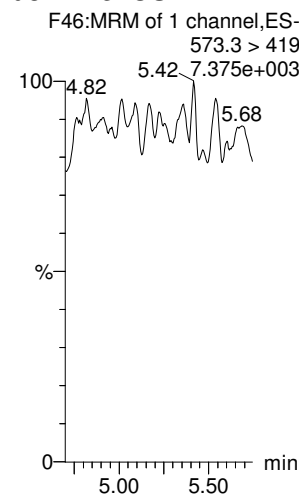
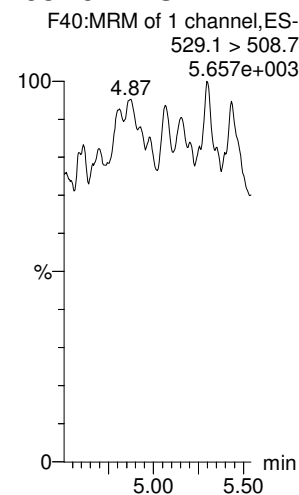
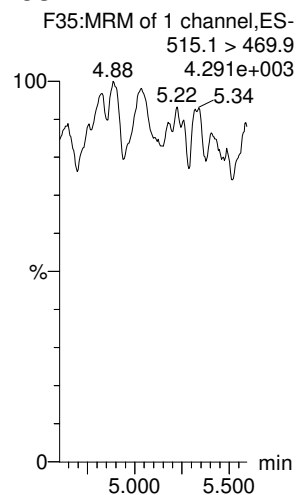
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d3-N-MeFOSAA

d5-N-EtFOSAA

13C2-PFUdA

13C2-PFUdA



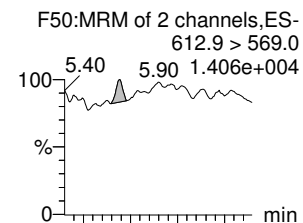
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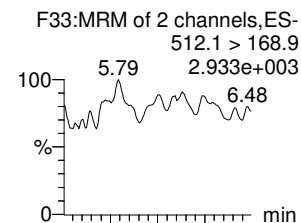
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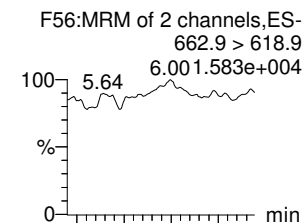
PFDoA



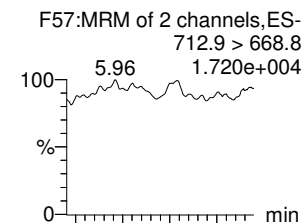
N-MeFOSA



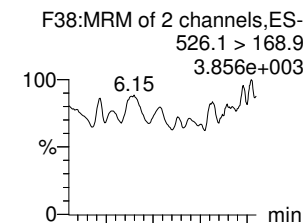
PFTrDA



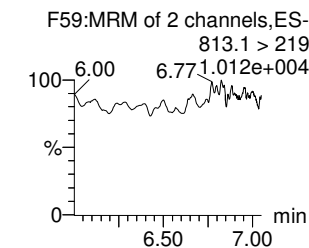
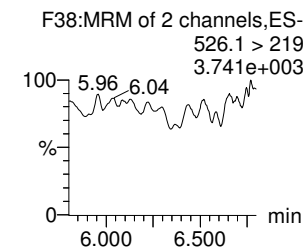
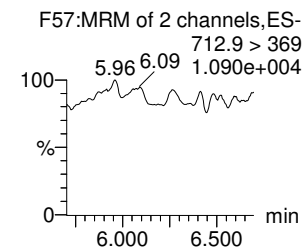
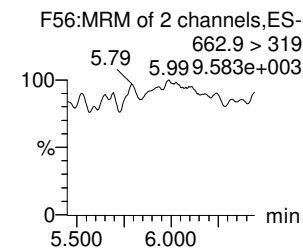
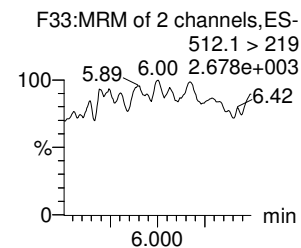
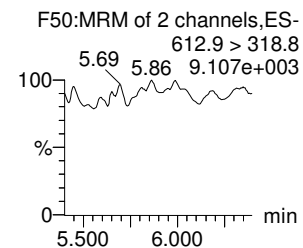
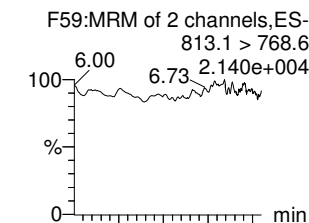
PFTeDA



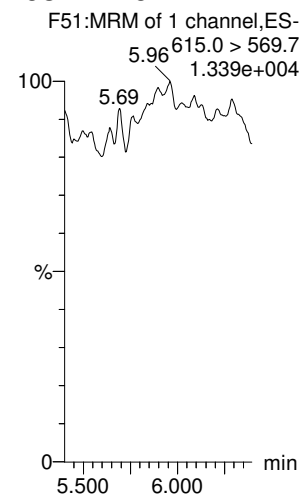
N-EtFOSA



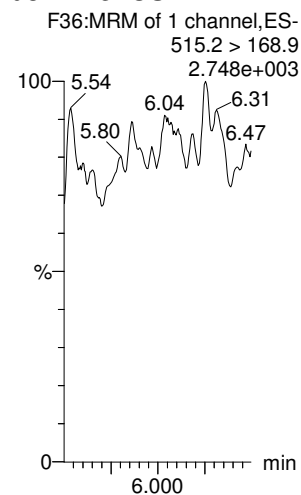
PFHxDA



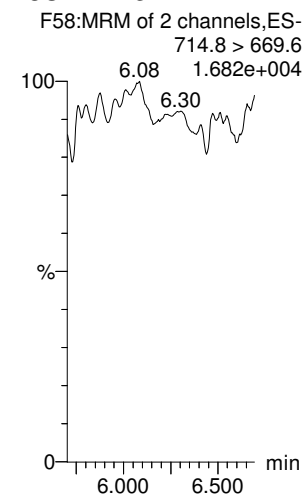
13C2-PFDoA



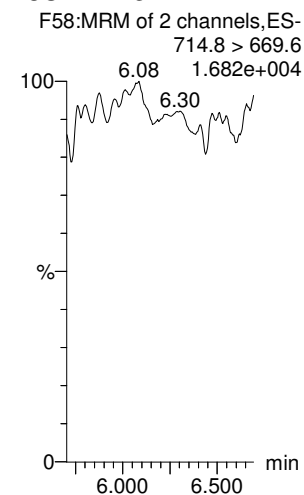
d3-N-MeFOSA



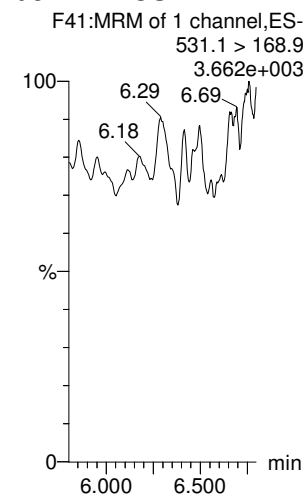
13C2-PFTeDA



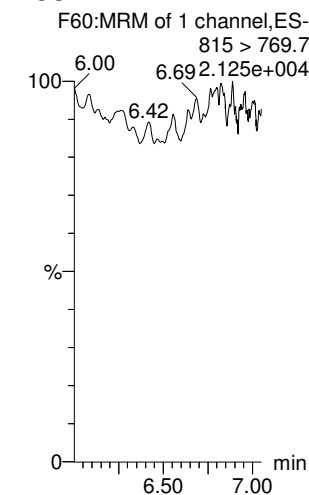
13C2-PFTeDA



d5-N-ETFOSA



13C2-PFHxDA



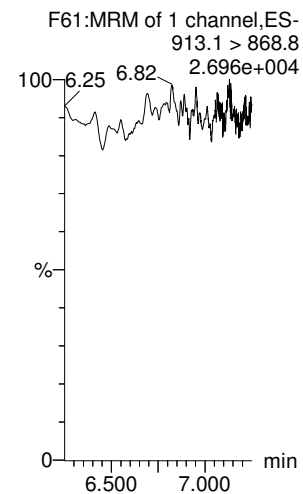
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Last Altered: Tuesday, December 26, 2017 11:57:48 Pacific Standard Time

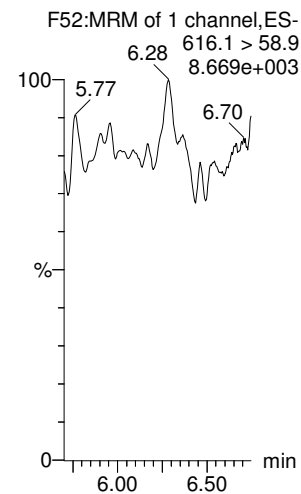
Printed: Tuesday, December 26, 2017 11:58:20 Pacific Standard Time

Name: 171224M1_12, Date: 24-Dec-2017, Time: 14:28:35, ID: IPA, Description: IPA

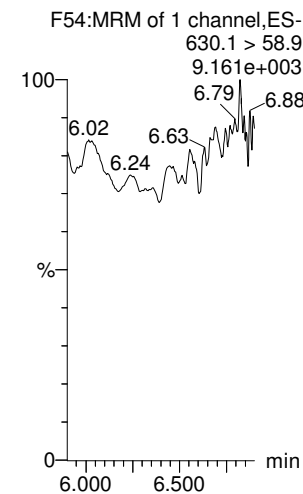
PFODA



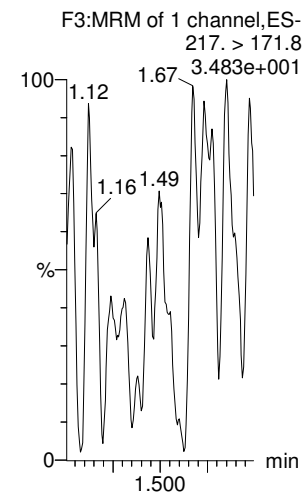
N-MeFOSE



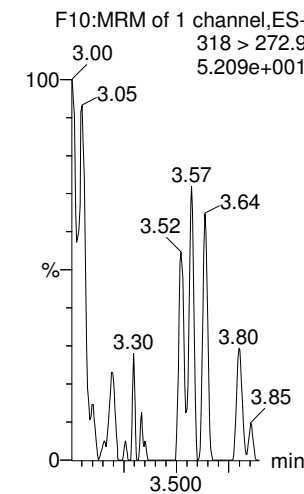
N-EtFOSE



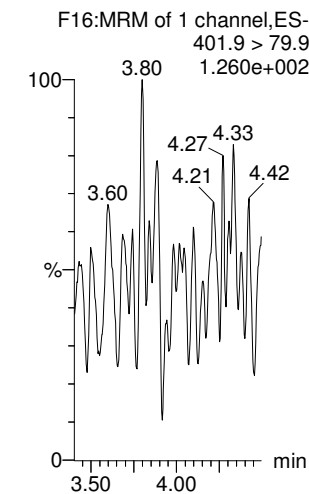
13C4-PFBA



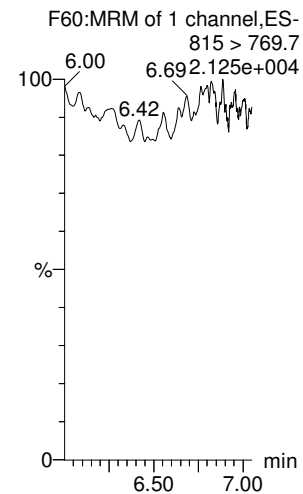
13C5-PFHxA



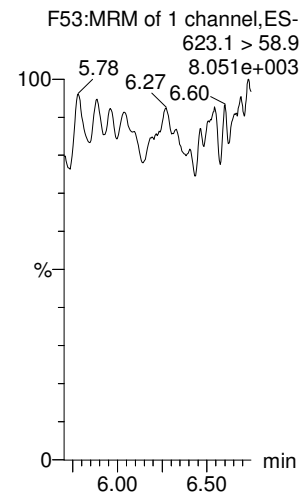
13C3-PFHxS



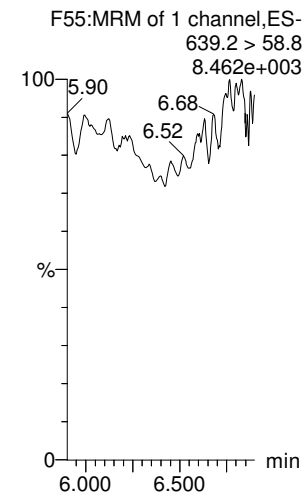
13C2-PFHxDA



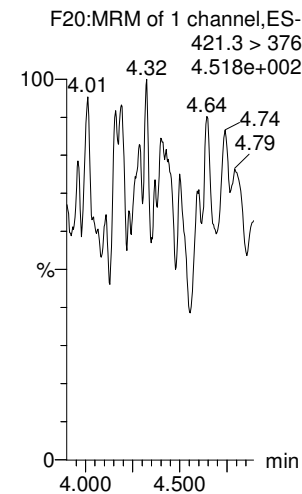
d7-N-MeFOSE



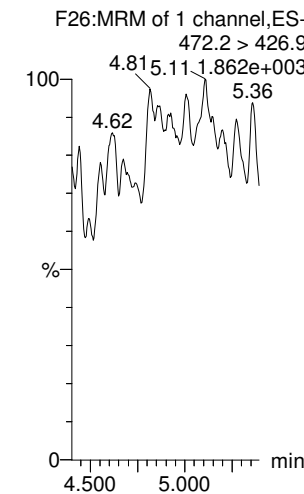
d9-N-EtFOSE



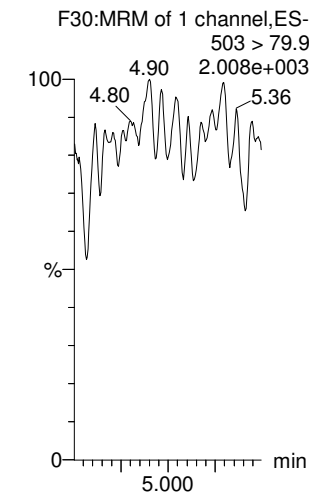
13C8-PFOA



13C9-PFNA



13C4-PFOS



Dataset: Untitled

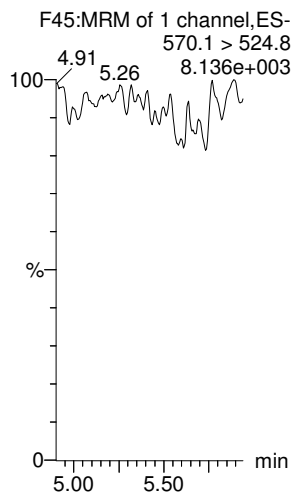
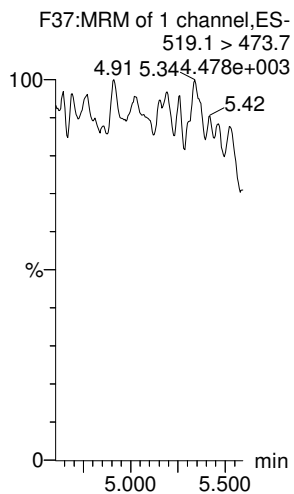
Last Altered: Tuesday, December 26, 2017 11:57:48 Pacific Standard Time

Printed: Tuesday, December 26, 2017 11:58:20 Pacific Standard Time

Name: 171224M1_12, Date: 24-Dec-2017, Time: 14:28:35, ID: IPA, Description: IPA

13C6-PFDA

13C7-PFUdA



Dataset: U:\Q4.PRO\results\171224M1\171224M1_30.qld

Last Altered: Tuesday, December 26, 2017 15:01:03 Pacific Standard Time
Printed: Tuesday, December 26, 2017 15:01:48 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_122317.mdb 26 Dec 2017 14:44:36
Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_12-24-17_NEWIS.cdb 26 Dec 2017 14:44:46

P. 12/26/17

J.A. 12/27/2017

Name: 171224M1_30, Date: 24-Dec-2017, Time: 17:49:48, ID: ST171224M1-11 PFC CS3 17L1207, Description: PFC CS3 17L1207

#	Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	1 PFBA	213.0 > 168.8	1.01e4	1.06e4	1.0000		1.47	1.47	11.9	9.819	98.2
2	2 PFPeA	263.1 > 218.9	1.21e4	1.39e4	1.0000		2.44	2.44	10.9	10.149	101.5
3	3 PFBs	299.0 > 79.7	3.12e3	1.67e3	1.0000		2.70	2.71	23.4	11.067	110.7
4	4 PFHxA	313.2 > 268.9	1.41e4	4.71e3	1.0000		3.20	3.20	15.0	10.230	102.3
5	5 PFHpA	363.0 > 318.9	1.11e4	9.68e3	1.0000		3.80	3.81	14.4	9.386	93.9
6	6 L-PFHxS	398.9 > 79.6	2.73e3	1.45e3	1.0000		3.95	3.95	23.5	10.408	104.1
7	8 6:2 FTS	427.1 > 407	2.62e3	1.49e4	1.0000		4.26	4.27	2.20	10.071	100.7
8	9 L-PFOA	413 > 368.7	1.31e4	1.49e4	1.0000		4.32	4.32	11.0	9.735	97.4
9	11 PFHpS	449 > 80.0	2.73e3	1.49e4	1.0000		4.43	4.42	2.30	9.155	91.5
10	12 PFNA	463.0 > 418.8	1.40e4	1.14e4	1.0000		4.75	4.75	15.4	10.441	104.4
11	13 PFOSA	498.1 > 77.8	3.40e3	4.38e3	1.0000		4.81	4.80	9.69	10.220	102.2
12	14 L-PFOS	499 > 79.9	3.28e3	3.46e3	1.0000		4.83	4.83	11.8	10.589	105.9
13	16 PFDA	513 > 468.8	1.47e4	1.29e4	1.0000		5.11	5.11	14.3	10.550	105.5
14	17 8:2 FTS	527 > 506.9	2.62e3	1.29e4	1.0000		5.09	5.09	2.55	9.965	99.6
15	18 N-MeFOSAA	570.1 > 419	8.24e3	4.27e3	1.0000		5.26	5.26	24.1	12.169	121.7
16	19 N-EtFOSAA	584.2 > 419	4.05e3	5.42e3	1.0000		5.42	5.42	9.34	7.231	72.3
17	20 PFUdA	563.0 > 518.9	1.32e4	1.45e4	1.0000		5.43	5.43	11.4	10.787	107.9
18	21 PFDS	598.8 > 80	3.64e3	1.45e4	1.0000		5.50	5.47	3.14	9.947	99.5
19	22 PFDoA	612.9 > 569.0	1.33e4	7.51e3	1.0000		5.70	5.70	22.1	10.511	105.1
20	23 N-MeFOSA	512.1 > 168.9	8.70e3	2.13e4	1.0000		5.77	5.77	61.2	59.061	118.1
21	24 PFTrDA	662.9 > 618.9	1.32e4	6.91e3	1.0000		5.95	5.95	23.8	9.733	97.3
22	25 PFTeDA	712.9 > 668.8	9.43e3	6.91e3	1.0000		6.16	6.16	17.1	9.185	91.8
23	26 N-EtFOSA	526.1 > 168.9	1.08e4	3.22e4	1.0000		6.15	6.16	50.4	52.278	104.6
24	27 PFHxDA	813.1 > 768.6	5.31e3	4.19e3	1.0000		6.48	6.48	6.34	10.400	104.0
25	28 PFODA	913.1 > 868.8	6.52e3	4.19e3	1.0000		6.70	6.70	7.78	10.799	108.0
26	29 N-MeFOSE	616.1 > 58.9	1.03e4	2.90e4	1.0000		6.30	6.30	53.3	50.101	100.2
27	30 N-EtFOSE	630.1 > 58.9	1.08e4	2.49e4	1.0000		6.42	6.45	65.2	58.599	117.2
28	31 13C3-PFBA	216.1 > 171.8	1.06e4	1.18e4	1.0000	0.895	1.47	1.47	11.3	12.611	100.9
29	32 13C3-PFPeA	266. > 221.8	1.39e4	1.62e4	1.0000	0.867	2.44	2.44	10.7	12.314	98.5
30	33 13C3-PFBs	302. > 98.8	1.67e3	1.62e4	1.0000	0.109	2.70	2.71	1.28	11.817	94.5
31	34 13C3-PFHxA	315 > 269.8	4.71e3	1.62e4	1.0000	0.777	3.20	3.20	3.62	4.663	93.3

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Dataset: U:\Q4.PRO\results\171224M1\171224M1_30.qld

Last Altered: Tuesday, December 26, 2017 15:01:03 Pacific Standard Time
Printed: Tuesday, December 26, 2017 15:01:48 Pacific Standard Time

Ⓢ Not used

Name: 171224M1_30, Date: 24-Dec-2017, Time: 17:49:48, ID: ST171224M1-11 PFC CS3 17L1207, Description: PFC CS3 17L1207

#	Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
32	35 13C4-PFHpA	367.2 > 321.8	9.68e3	1.62e4	1.0000	0.600	3.80	3.81	7.45	12.424	99.4
33	36 18O2-PFHxS	403.0 > 102.6	1.45e3	3.23e3	1.0000	0.444	3.95	3.95	5.63	12.667	101.3
34	37 13C2-6:2 FTS Ⓢ	429.1 > 408.9	2.93e3	1.37e4	1.0000	0.385	4.26	4.27	2.67	6.929	55.4
35	38 13C2-PFOA	414.9 > 369.7	1.49e4	1.37e4	1.0000	1.237	4.32	4.32	13.5	10.941	87.5
36	39 13C5-PFNA	468.2 > 422.9	1.14e4	1.15e4	1.0000	0.911	4.75	4.75	12.4	13.618	108.9
37	40 13C8-PFOSA	506.1 > 77.7	4.38e3	1.31e4	1.0000	0.400	4.81	4.81	4.18	10.453	83.6
38	41 13C8-PFOS	507.0 > 79.9	3.46e3	3.42e3	1.0000	1.009	4.83	4.83	12.7	12.543	100.3
39	42 13C2-PFDA	515.1 > 469.9	1.29e4	1.00e4	1.0000	1.195	5.11	5.11	16.1	13.439	107.5
40	43 13C2-8:2 FTS Ⓢ	529.1 > 508.7	1.77e3	1.62e4	1.0000	0.168	5.09	5.08	1.36	8.109	64.9
41	44 d3-N-MeFOSAA	573.3 > 419	4.27e3	1.31e4	1.0000	0.418	5.26	5.26	4.08	9.742	77.9
42	45 d5-N-EiFOSAA	589.3 > 419	5.42e3	1.31e4	1.0000	0.445	5.42	5.41	5.18	11.637	93.1
43	46 13C2-PFUdA	565 > 519.8	1.45e4	1.31e4	1.0000	1.212	5.43	5.43	13.8	11.385	91.1
44	47 13C2-PFDoA	615.0 > 569.7	7.51e3	1.31e4	1.0000	0.685	5.70	5.70	7.17	10.465	83.7
45	48 d3-N-MeFOSA	515.2 > 168.9	2.13e4	1.31e4	1.0000	0.155	5.80	5.79	20.4	131.069	87.4
46	49 13C2-PFTeDA	714.8 > 669.6	6.91e3	1.31e4	1.0000	0.597	6.16	6.16	6.59	11.051	88.4
47	50 d5-N-ETFOSA	531.1 > 168.9	3.22e4	1.31e4	1.0000	0.227	6.16	6.17	30.7	135.072	90.0
48	51 13C2-PFHxDA	815 > 769.7	4.19e3	1.31e4	1.0000	0.902	6.48	6.48	4.00	4.431	88.6
49	52 d7-N-MeFOSE	623.1 > 58.9	2.90e4	1.31e4	1.0000	0.214	6.30	6.29	27.7	129.343	86.2
50	53 d9-N-EiFOSE	639.2 > 58.8	2.49e4	1.31e4	1.0000	0.219	6.42	6.44	23.8	108.794	72.5
51	54 13C4-PFBA	217. > 171.8	1.18e4	1.18e4	1.0000	1.000	1.47	1.48	12.5	12.500	100.0
52	55 13C5-PFHxA	318 > 272.9	1.62e4	1.62e4	1.0000	1.000	3.20	3.20	12.5	12.500	100.0
53	56 13C3-PFHxS	401.9 > 79.9	3.23e3	3.23e3	1.0000	1.000	3.95	3.95	12.5	12.500	100.0
54	57 13C8-PFOA	421.3 > 376	1.37e4	1.37e4	1.0000	1.000	4.32	4.32	12.5	12.500	100.0
55	58 13C9-PFNA	472.2 > 426.9	1.15e4	1.15e4	1.0000	1.000	4.75	4.75	12.5	12.500	100.0
56	59 13C4-PFOS	503 > 79.9	3.42e3	3.42e3	1.0000	1.000	4.83	4.83	12.5	12.500	100.0
57	60 13C6-PFDA	519.1 > 473.7	1.00e4	1.00e4	1.0000	1.000	5.11	5.11	12.5	12.500	100.0
58	61 13C7-PFUdA	570.1 > 524.8	1.31e4	1.31e4	1.0000	1.000	5.43	5.43	12.5	12.500	100.0

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↓

Dataset: Untitled

Last Altered: Wednesday, December 27, 2017 11:24:29 Pacific Standard Time
Printed: Wednesday, December 27, 2017 11:34:01 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_122317.mdb 26 Dec 2017 14:44:36
Calibration: 27 Dec 2017 11:24:29

Compound name: PFBA

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1	171224M1_1	IPA	24-Dec-17	12:25:39
2	171224M1_2	ST171224M1-1 PFC CS-2 17L1202	24-Dec-17	12:36:49
3	171224M1_3	ST171224M1-2 PFC CS-1 17L1203	24-Dec-17	12:47:59
4	171224M1_4	ST171224M1-3 PFC CS0 17L1204	24-Dec-17	12:59:10
5	171224M1_5	ST171224M1-4 PFC CS1 17L1205	24-Dec-17	13:10:21
6	171224M1_6	ST171224M1-5 PFC CS2 17L1802	24-Dec-17	13:21:32
7	171224M1_7	ST171224M1-6 PFC CS3 17L1207	24-Dec-17	13:32:42
8	171224M1_8	ST171224M1-7 PFC CS4 17L1208	24-Dec-17	13:43:53
9	171224M1_9	ST171224M1-8 PFC CS5 17L1209	24-Dec-17	13:55:03
10	171224M1_10	ST171224M1-9 PFC CS6 17L1803	24-Dec-17	14:06:14
11	171224M1_11	ST171224M1-10 PFC CS7 17L1804	24-Dec-17	14:17:25
12	171224M1_12	IPA	24-Dec-17	14:28:35
13	171224M1_13	ICV171224M1-1 PFC ICV 17L1201	24-Dec-17	14:39:47
14	171224M1_14	IPA	24-Dec-17	14:50:57
15	171224M1_15	B7L0037-BS1 OPR 0.25	24-Dec-17	15:02:08
16	171224M1_16	B7L0037-BSD1 LCSD 0.25	24-Dec-17	15:13:19
17	171224M1_17	IPA	24-Dec-17	15:24:29
18	171224M1_18	B7L0037-BLK1 Method Blank 0.25	24-Dec-17	15:35:40
19	171224M1_19	1701799-01 ██████████ 0.24791	24-Dec-17	15:46:51
20	171224M1_20	1701809-01 ██████████ 0.11675	24-Dec-17	15:58:01
21	171224M1_21	1701809-02 ██████████ 0.11358	24-Dec-17	16:09:12
22	171224M1_22	1701822-01 ██████████ 0.25256	24-Dec-17	16:20:23
23	171224M1_23	1701822-02 ██████████ 0.25428	24-Dec-17	16:31:33
24	171224M1_24	1701822-03 ██████████ 0.25507	24-Dec-17	16:42:44
25	171224M1_25	1701822-04 ██████████ 0.25342	24-Dec-17	16:53:55
26	171224M1_26	1701822-05 ██████████ 0.25014	24-Dec-17	17:05:05
27	171224M1_27	1701822-06 ██████████ 0.24603	24-Dec-17	17:16:16
28	171224M1_28	1701822-07 ██████████ 0.24388	24-Dec-17	17:27:27
29	171224M1_29	IPA	24-Dec-17	17:38:38
30	171224M1_30	ST171224M1-11 PFC CS3 17L1207	24-Dec-17	17:49:48
31	171224M1_31	IPA	24-Dec-17	18:00:59
32	171224M1_32	1701822-08 ██████████ 0.2494	24-Dec-17	18:12:10

Dataset: Untitled

Last Altered: Wednesday, December 27, 2017 11:24:29 Pacific Standard Time

Printed: Wednesday, December 27, 2017 11:34:01 Pacific Standard Time

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
33	171224M1_33	1701822-09 [REDACTED] 0.24258	24-Dec-17	18:23:20
34	171224M1_34	1701822-10 [REDACTED] 0.2415	24-Dec-17	18:34:31
35	171224M1_35	1701847-01 Trip Blank 0.11597	24-Dec-17	18:45:42
36	171224M1_36	1701847-02 [REDACTED] 5 0.11428	24-Dec-17	18:56:52
37	171224M1_37	1701847-03 [REDACTED] 1 0.11243	24-Dec-17	19:08:03
38	171224M1_38	1701847-04 [REDACTED] 2 0.11505	24-Dec-17	19:19:14
39	171224M1_39	1701847-05 Field Blank 0.11754	24-Dec-17	19:30:25
40	171224M1_40	B7L0064-BS1 OPR 0.25	24-Dec-17	19:41:36
41	171224M1_41	IPA	24-Dec-17	19:52:46
42	171224M1_42	B7L0064-BLK1 Method Blank 0.25	24-Dec-17	20:03:57
43	171224M1_43	B7L0064-MS1 Matrix Spike 0.25776	24-Dec-17	20:15:07
44	171224M1_44	B7L0064-MSD1 Matrix Spike Dup 0.25959	24-Dec-17	20:26:18
45	171224M1_45	1701845-01 Trip Blank 0.26221	24-Dec-17	20:37:29
46	171224M1_46	1701845-02 Field Blank [REDACTED] 0.26198	24-Dec-17	20:48:40
47	171224M1_47	1701845-03 Equipment Blank [REDACTED] 0.26161	24-Dec-17	20:59:50
48	171224M1_48	1701845-04 [REDACTED] 0.25484	24-Dec-17	21:11:01
49	171224M1_49	1701845-05 [REDACTED] 0.25973	24-Dec-17	21:22:11
50	171224M1_50	1701845-06 [REDACTED] 0.25614	24-Dec-17	21:33:23
51	171224M1_51	IPA	24-Dec-17	21:44:33
52	171224M1_52	ST171224M1-12 PFC CS3 17L1207	24-Dec-17	21:55:44
53	171224M1_53	IPA	24-Dec-17	22:06:54
54	171224M1_54	1701845-07 [REDACTED] 0.25384	24-Dec-17	22:18:05
55	171224M1_55	1701845-08 [REDACTED] 0.2563	24-Dec-17	22:29:16
56	171224M1_56	1701845-09 [REDACTED] 0.2567	24-Dec-17	22:40:26
57	171224M1_57	1701845-10 [REDACTED] 0.25294	24-Dec-17	22:51:37
58	171224M1_58	1701845-11 [REDACTED] 0.2534	24-Dec-17	23:02:48
59	171224M1_59	1701845-12 [REDACTED] 0.25457	24-Dec-17	23:13:59
60	171224M1_60	1701845-13 [REDACTED] 0.25691	24-Dec-17	23:25:09
61	171224M1_61	1701845-14 [REDACTED] 0.25871	24-Dec-17	23:36:20
62	171224M1_62	1701845-15 [REDACTED] 0.25765	24-Dec-17	23:47:31
63	171224M1_63	IPA	24-Dec-17	23:58:42
64	171224M1_64	ST171224M1-13 PFC CS3 17L1207	25-Dec-17	00:09:55

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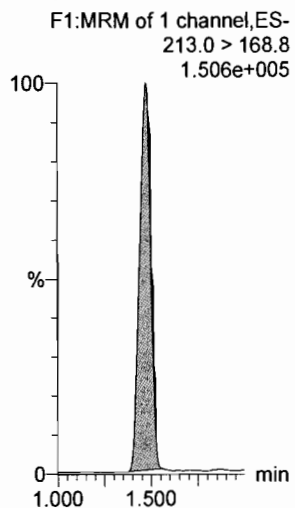
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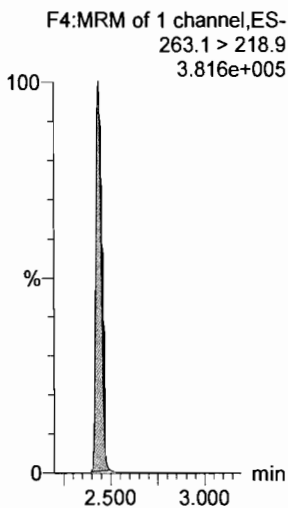
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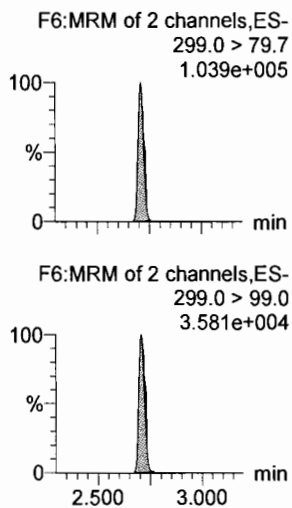
PFBA



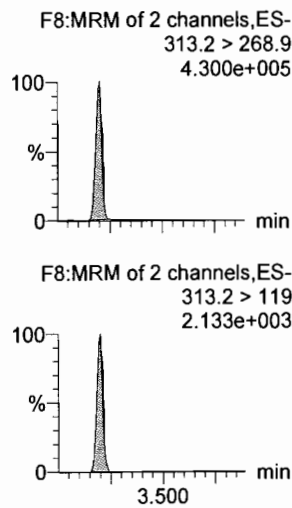
PFPeA



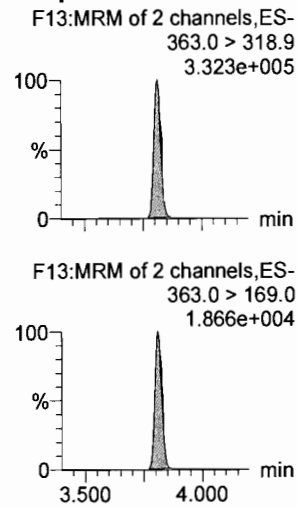
PFBS



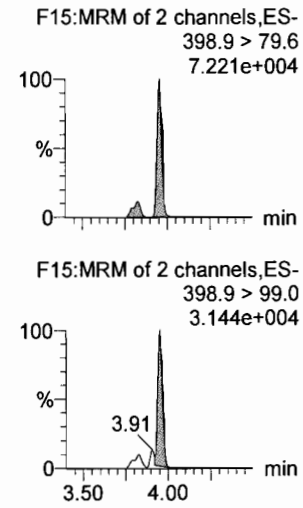
PFHxA



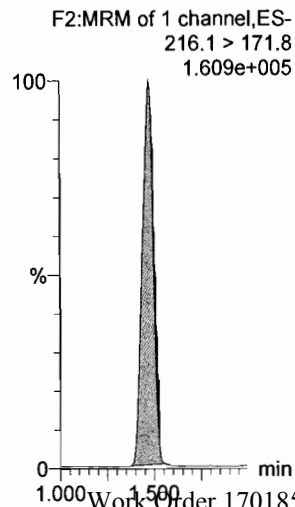
PFHpA



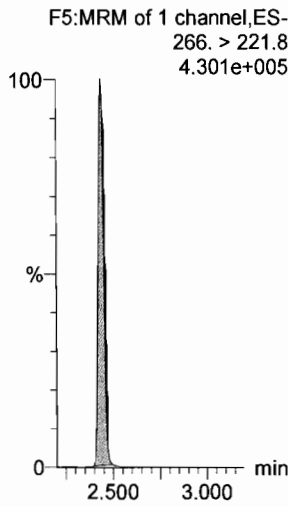
L-PFHxS



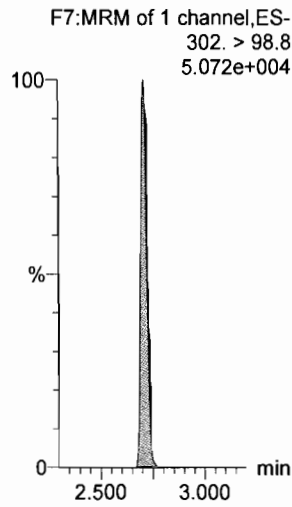
13C3-PFBA



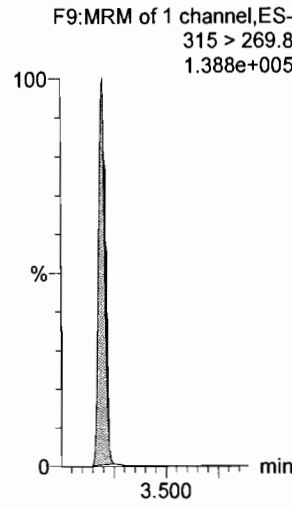
13C3-PFPeA



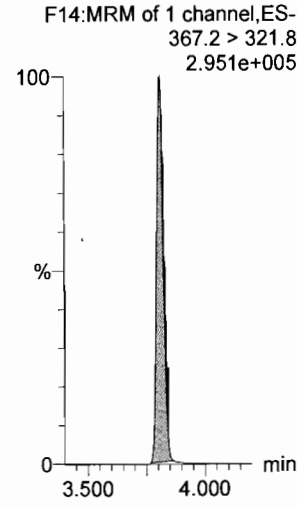
13C3-PFBS



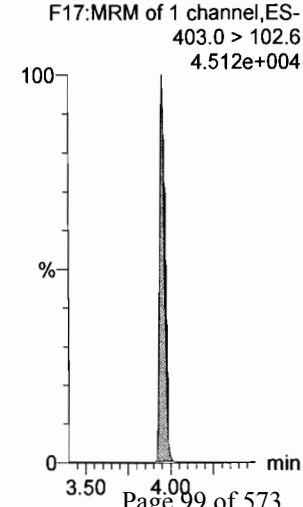
13C2-PFHxA



13C4-PFHpA



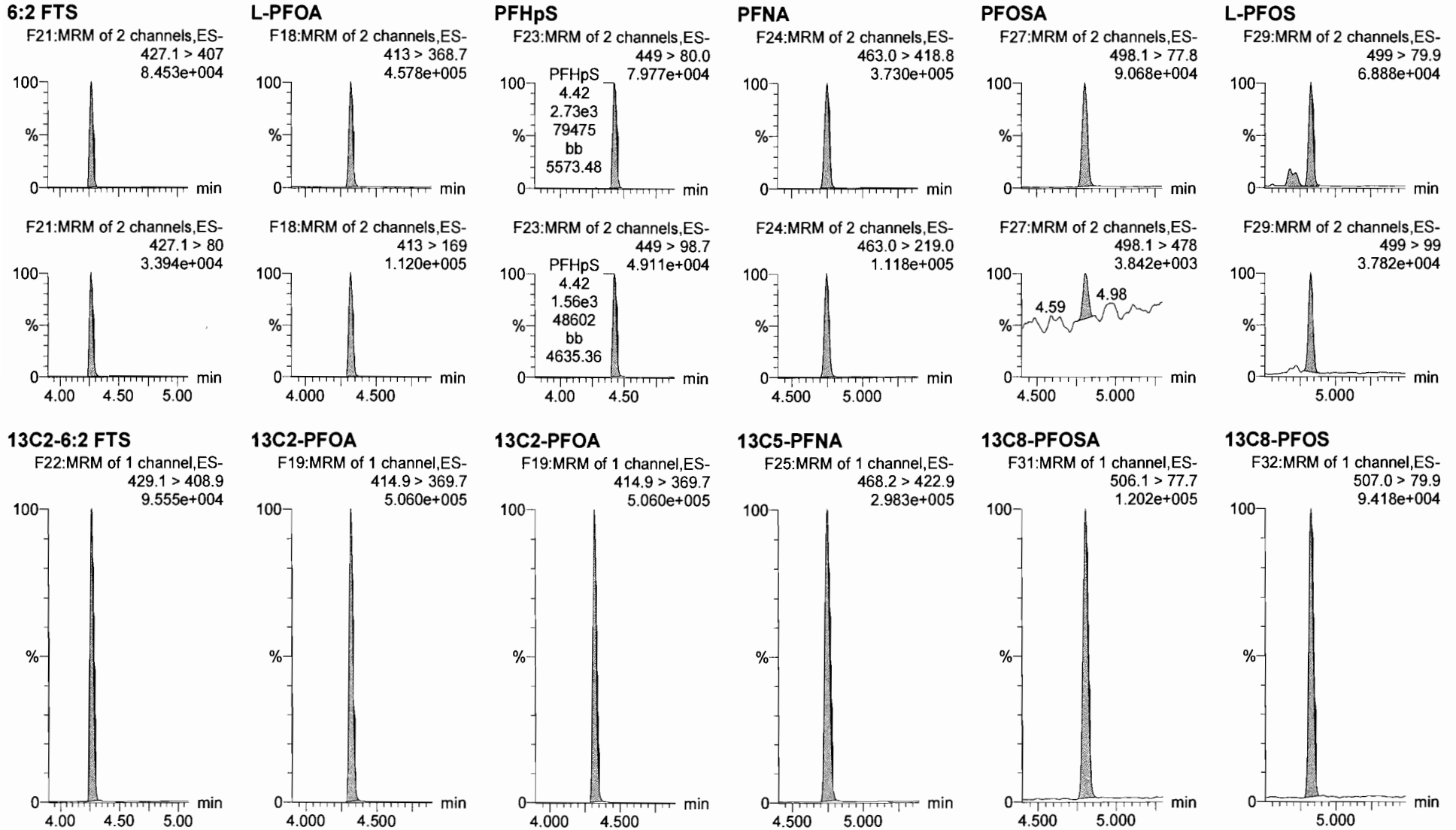
18O2-PFHxS



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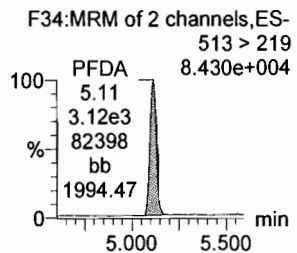
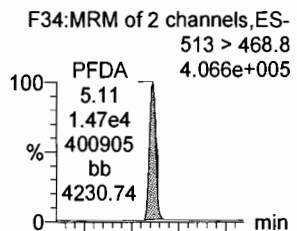


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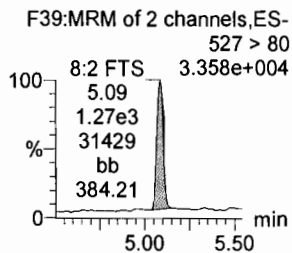
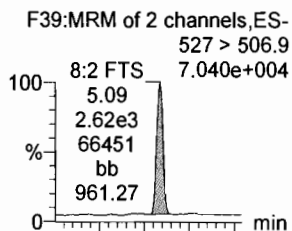
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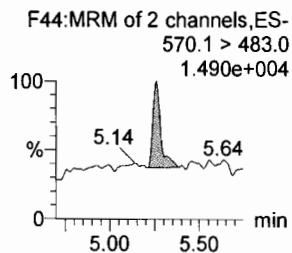
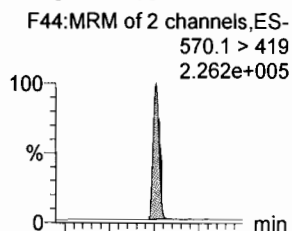
PFDA



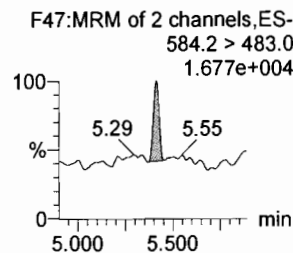
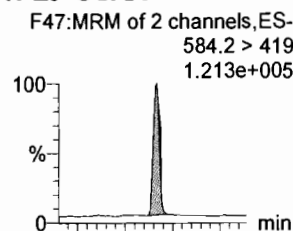
8:2 FTS



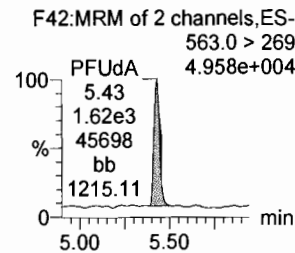
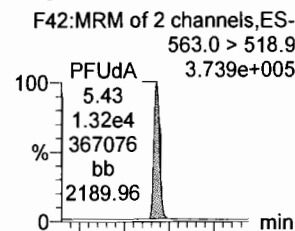
N-MeFOSAA



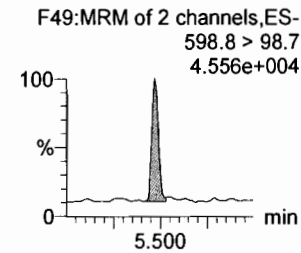
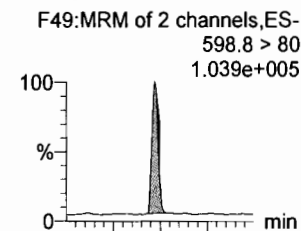
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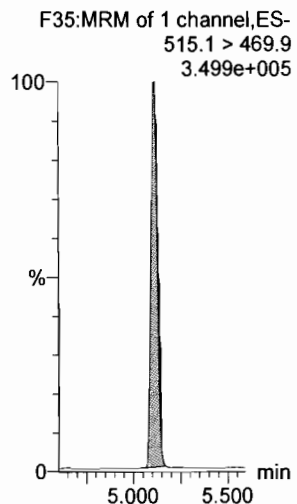
PFUdA



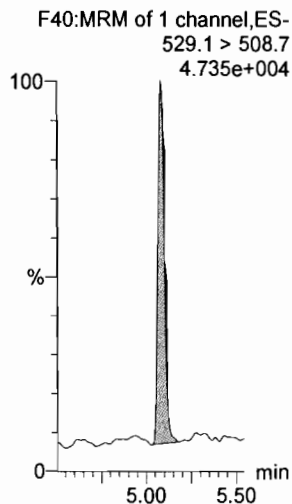
PFDS



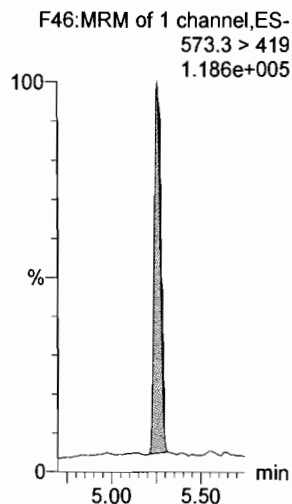
13C2-PFDA



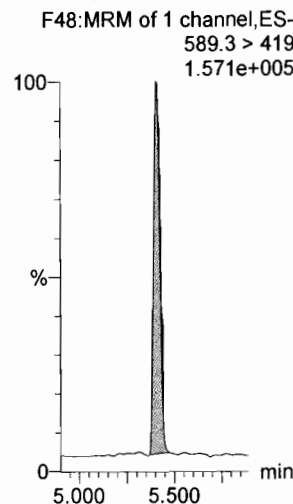
13C2-8:2 FTS



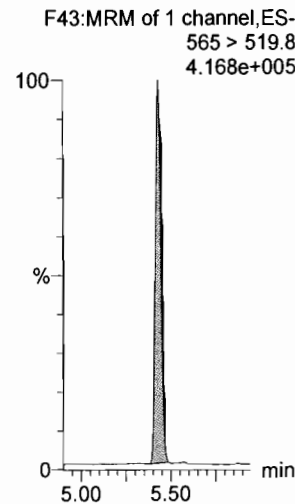
d3-N-MeFOSAA



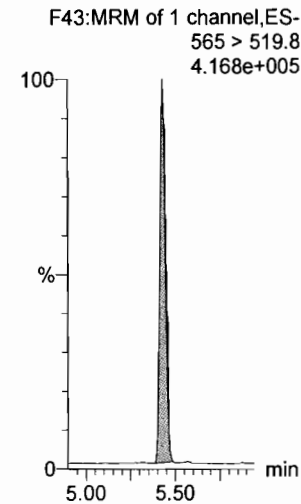
d5-N-EtFOSAA



13C2-PFUdA



13C2-PFUdA



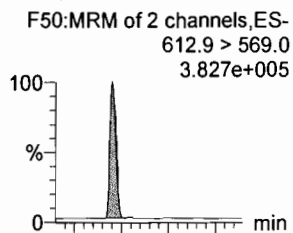
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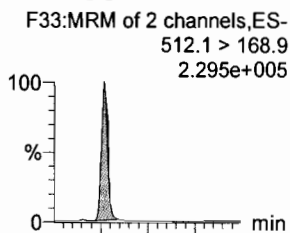
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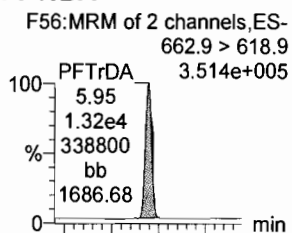
PFD_oA



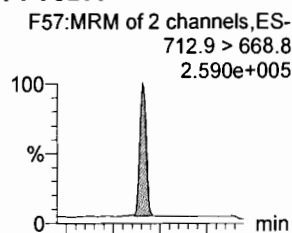
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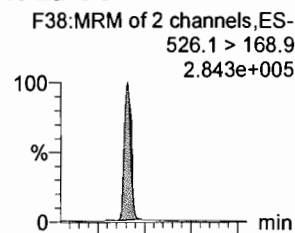
PFT_rDA



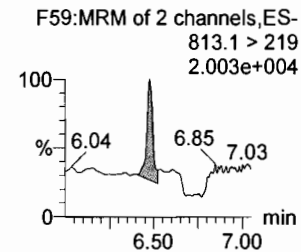
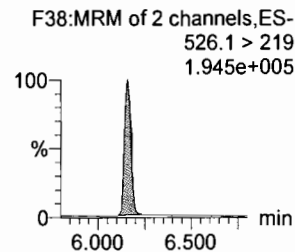
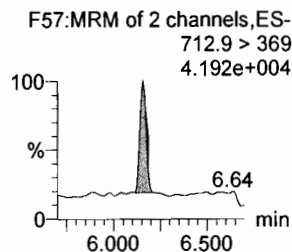
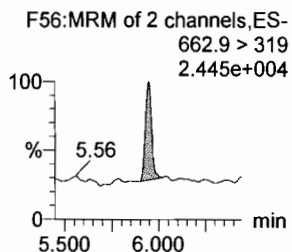
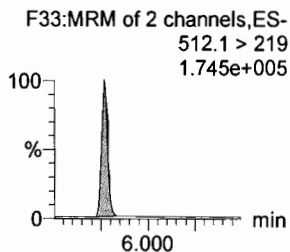
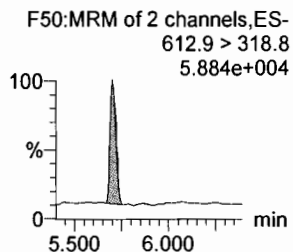
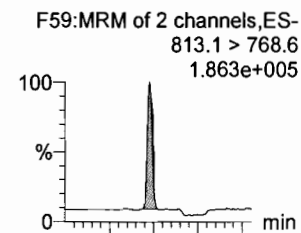
PFT_eDA



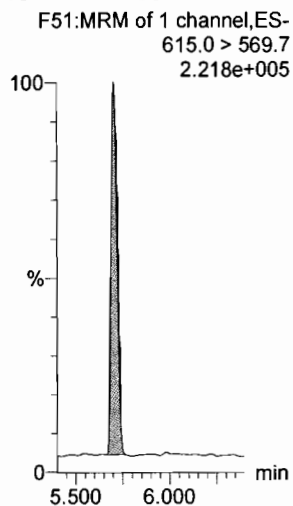
N-EtFOSA



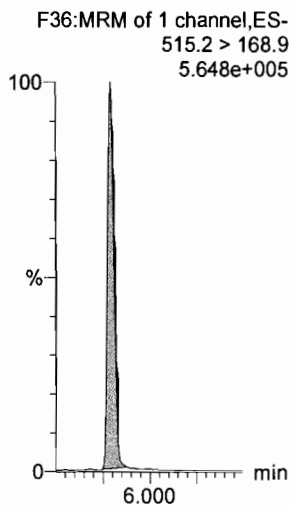
PFH_xDA



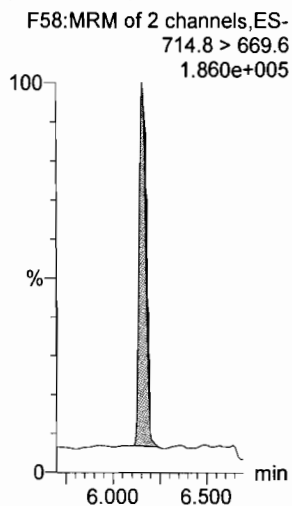
13C2-PFD_oA



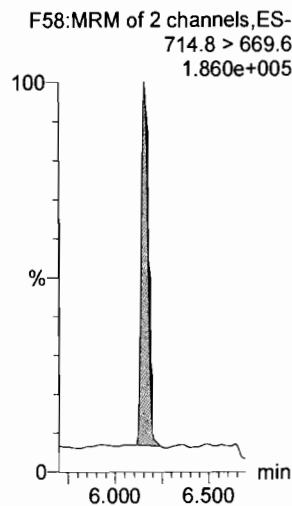
d3-N-MeFOSA



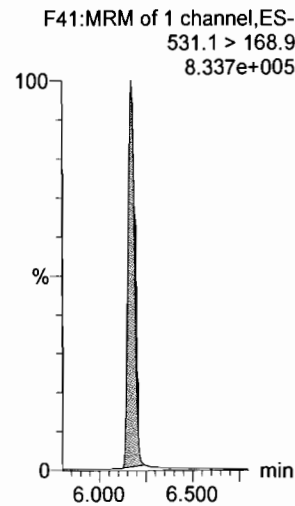
13C2-PFT_eDA



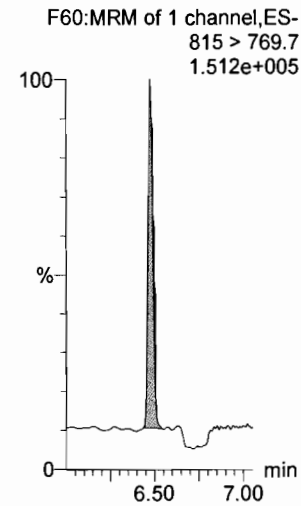
13C2-PFT_rDA



d5-N-ETFOSA



13C2-PFH_xDA



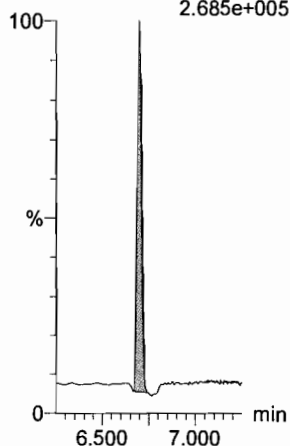
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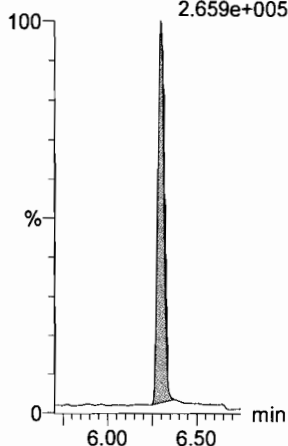
PFODA

F61:MRM of 1 channel,ES-
913.1 > 868.8
2.685e+005



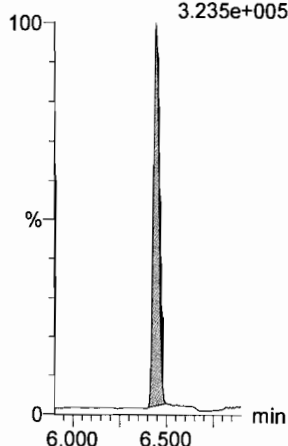
N-MeFOSE

F52:MRM of 1 channel,ES-
616.1 > 58.9
2.659e+005



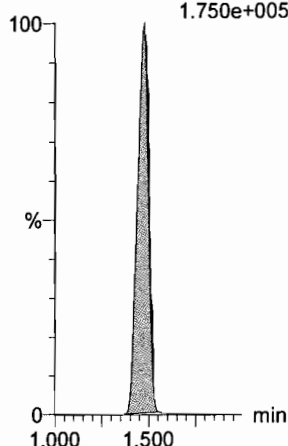
N-EtFOSE

F54:MRM of 1 channel,ES-
630.1 > 58.9
3.235e+005



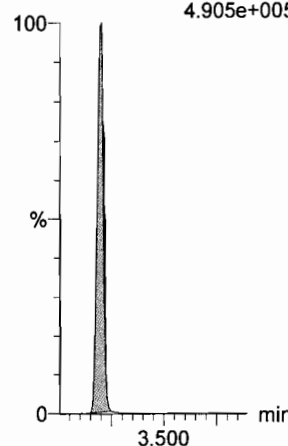
13C4-PFBA

F3:MRM of 1 channel,ES-
217. > 171.8
1.750e+005



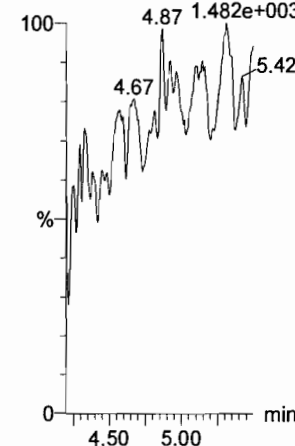
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
4.905e+005



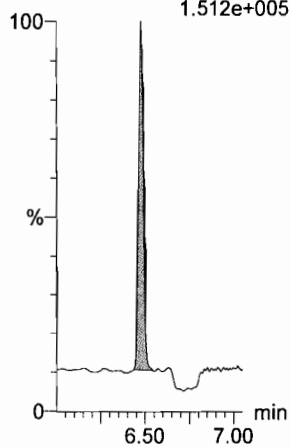
TCDA

F28:MRM of 3 channels,ES-
498.3 > 106.9
1.482e+003



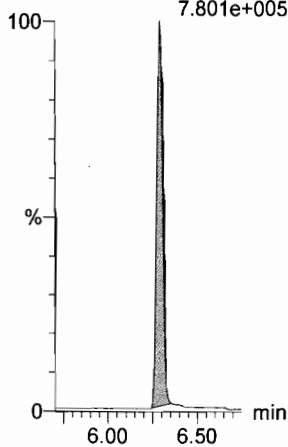
13C2-PFHxD

F60:MRM of 1 channel,ES-
815 > 769.7
1.512e+005



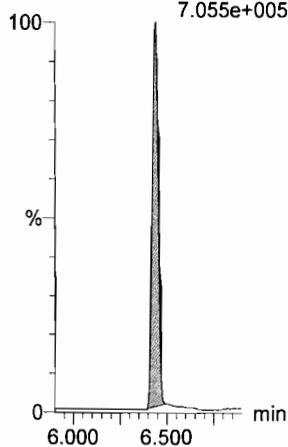
d7-N-MeFOSE

F53:MRM of 1 channel,ES-
623.1 > 58.9
7.801e+005



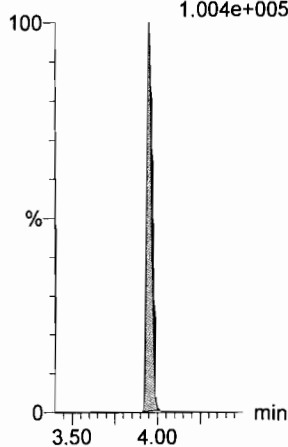
d9-N-EtFOSE

F55:MRM of 1 channel,ES-
639.2 > 58.8
7.055e+005



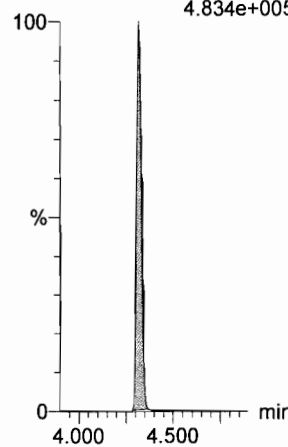
13C3-PFHxS

F16:MRM of 1 channel,ES-
401.9 > 79.9
1.004e+005



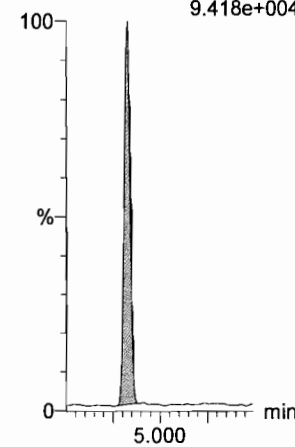
13C8-PFOA

F20:MRM of 1 channel,ES-
421.3 > 376
4.834e+005



13C8-PFOS

F32:MRM of 1 channel,ES-
507.0 > 79.9
9.418e+004



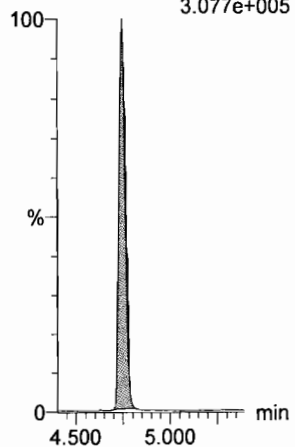
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Name: 171224M1_30, Date: 24-Dec-2017, Time: 17:49:48, ID: ST171224M1-11 PFC CS3 17L1207, Description: PFC CS3 17L1207

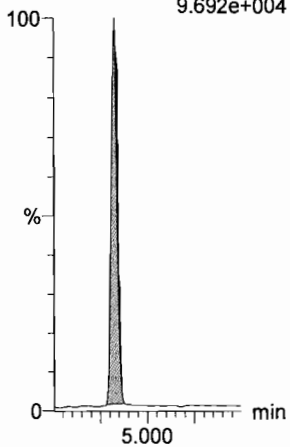
13C9-PFNA

F26:MRM of 1 channel,ES-
472.2 > 426.9
3.077e+005



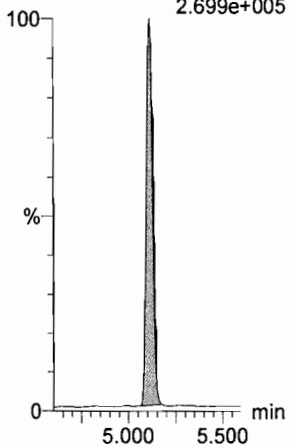
13C4-PFOS

F30:MRM of 1 channel,ES-
503 > 79.9
9.692e+004



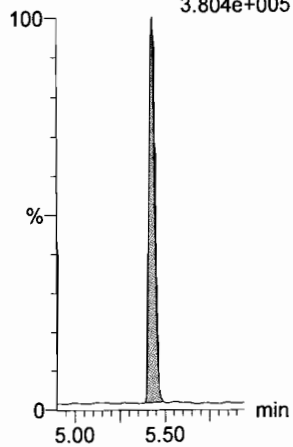
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
2.699e+005



13C7-PFUDa

F45:MRM of 1 channel,ES-
570.1 > 524.8
3.804e+005



Dataset: U:\Q4.PRO\results\171224M1\171224M1_52.qld

Last Altered: Tuesday, December 26, 2017 15:04:48 Pacific Standard Time
Printed: Tuesday, December 26, 2017 15:05:15 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_122317.mdb 26 Dec 2017 14:44:36
Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_12-24-17_NEWIS.cdb 26 Dec 2017 14:44:46

PR/26/17

*JJA
12/27/2017*

Name: 171224M1_52, Date: 24-Dec-2017, Time: 21:55:44, ID: ST171224M1-12 PFC CS3 17L1207, Description: PFC CS3 17L1207

#	Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	1 PFBA	213.0 > 168.8	1.07e4	1.10e4	1.0000		1.47	1.48	12.2	10.041	100.4
2	2 PFPeA	263.1 > 218.9	1.28e4	1.45e4	1.0000		2.44	2.44	11.0	10.236	102.4
3	3 PFBS	299.0 > 79.7	3.01e3	1.71e3	1.0000		2.70	2.71	22.0	10.382	103.8
4	4 PFHxA	313.2 > 268.9	1.58e4	4.91e3	1.0000		3.20	3.20	16.1	11.007	110.1
5	5 PFHpA	363.0 > 318.9	1.28e4	1.01e4	1.0000		3.80	3.81	15.8	10.282	102.8
6	6 L-PFHxS	398.9 > 79.6	2.63e3	1.37e3	1.0000		3.95	3.95	24.0	10.659	106.6
7	8 6:2 FTS	427.1 > 407	2.72e3	1.53e4	1.0000		4.26	4.27	2.23	10.182	101.8
8	9 L-PFOA	413 > 368.7	1.22e4	1.53e4	1.0000		4.32	4.32	9.96	8.834	88.3
9	11 PFHpS	449 > 80.0	3.22e3	1.53e4	1.0000		4.43	4.42	2.63	10.492	104.9
10	12 PFNA	463.0 > 418.8	1.48e4	1.03e4	1.0000		4.75	4.75	18.0	12.194	121.9
11	13 PFOSA	498.1 > 77.8	4.34e3	5.16e3	1.0000		4.81	4.80	10.5	11.111	111.1
12	14 L-PFOS	499 > 79.9	3.28e3	4.07e3	1.0000		4.83	4.83	10.1	9.015	90.1
13	16 PFDA	513 > 468.8	1.31e4	1.44e4	1.0000		5.11	5.11	11.4	8.378	83.8
14	17 8:2 FTS	527 > 506.9	3.25e3	1.44e4	1.0000		5.09	5.08	2.82	11.045	110.4
15	18 N-MeFOSAA	570.1 > 419	8.37e3	5.10e3	1.0000		5.26	5.26	20.5	10.281	102.8
16	19 N-EtFOSAA	584.2 > 419	4.71e3	5.33e3	1.0000		5.42	5.41	11.1	8.561	85.6
17	20 PFUdA	563.0 > 518.9	1.04e4	1.30e4	1.0000		5.43	5.43	10.0	9.473	94.7
18	21 PFDS	598.8 > 80	3.98e3	1.30e4	1.0000		5.50	5.47	3.84	12.166	121.7
19	22 PFDoA	612.9 > 569.0	1.47e4	8.43e3	1.0000		5.70	5.70	21.9	10.413	104.1
20	23 N-MeFOSA	512.1 > 168.9	8.46e3	2.19e4	1.0000		5.77	5.77	57.9	55.809	111.6
21	24 PFTTrDA	662.9 > 618.9	1.44e4	7.07e3	1.0000		5.95	5.94	25.6	10.445	104.5
22	25 PFTeDA	712.9 > 668.8	1.01e4	7.07e3	1.0000		6.16	6.16	17.9	9.625	96.3
23	26 N-EtFOSA	526.1 > 168.9	1.10e4	3.39e4	1.0000		6.15	6.16	48.6	50.394	100.8
24	27 PFHxDA	813.1 > 768.6	4.74e3	4.32e3	1.0000		6.48	6.48	5.49	8.970	89.7
25	28 PFODA	913.1 > 868.8	6.73e3	4.32e3	1.0000		6.70	6.70	7.79	10.813	108.1
26	29 N-MeFOSE	616.1 > 58.9	1.12e4	2.87e4	1.0000		6.30	6.30	58.5	54.988	110.0
27	30 N-EtFOSE	630.1 > 58.9	1.20e4	3.05e4	1.0000		6.42	6.45	59.1	53.106	106.2
28	31 13C3-PFBA	216.1 > 171.8	1.10e4	1.23e4	1.0000	0.895	1.47	1.48	11.2	12.479	99.8
29	32 13C3-PFPeA	266. > 221.8	1.45e4	1.60e4	1.0000	0.867	2.44	2.44	11.4	13.119	105.0
30	33 13C3-PFBS	302. > 98.8	1.71e3	1.60e4	1.0000	0.109	2.70	2.71	1.34	12.329	98.6
31	34 13C3-PFHxA	315 > 269.8	4.91e3	1.60e4	1.0000	0.777	3.20	3.20	3.84	4.941	98.8

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Dataset: U:\Q4.PRO\results\171224M1\171224M1_52.qld

Last Altered: Tuesday, December 26, 2017 15:04:48 Pacific Standard Time
Printed: Tuesday, December 26, 2017 15:05:15 Pacific Standard Time

ⓐ Not used

Name: 171224M1_52, Date: 24-Dec-2017, Time: 21:55:44, ID: ST171224M1-12 PFC CS3 17L1207, Description: PFC CS3 17L1207

#	Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
32	35 13C4-PFHpA	367.2 > 321.8	1.01e4	1.60e4	1.0000	0.600	3.80	3.81	7.92	13.199	105.6
33	36 18O2-PFHxS	403.0 > 102.6	1.37e3	3.61e3	1.0000	0.444	3.95	3.95	4.73	10.652	85.2
34	37 13C2-6:2 FTS ⓐ	429.1 > 408.9	3.19e3	1.27e4	1.0000	0.385	4.26	4.27	3.15	8.187	65.5
35	38 13C2-PFOA	414.9 > 369.7	1.53e4	1.27e4	1.0000	1.237	4.32	4.32	15.1	12.198	97.6
36	39 13C5-PFNA	468.2 > 422.9	1.03e4	1.23e4	1.0000	0.911	4.75	4.75	10.5	11.531	92.3
37	40 13C8-PFOSA	506.1 > 77.7	5.16e3	1.08e4	1.0000	0.400	4.81	4.81	5.98	14.936	119.5
38	41 13C8-PFOS	507.0 > 79.9	4.07e3	3.87e3	1.0000	1.009	4.83	4.82	13.2	13.038	104.3
39	42 13C2-PFDA	515.1 > 469.9	1.44e4	9.10e3	1.0000	1.195	5.11	5.11	19.8	16.544	132.4
40	43 13C2-8:2 FTS ⓐ	529.1 > 508.7	1.91e3	1.60e4	1.0000	0.168	5.09	5.08	1.49	8.877	71.0
41	44 d3-N-MeFOSAA	573.3 > 419	5.10e3	1.08e4	1.0000	0.418	5.26	5.26	5.91	14.123	113.0
42	45 d5-N-EtFOSAA	589.3 > 419	5.33e3	1.08e4	1.0000	0.445	5.42	5.41	6.16	13.860	110.9
43	46 13C2-PFUdA	565 > 519.8	1.30e4	1.08e4	1.0000	1.212	5.43	5.43	15.0	12.378	99.0
44	47 13C2-PFDoA	615.0 > 569.7	8.43e3	1.08e4	1.0000	0.685	5.70	5.70	9.75	14.235	113.9
45	48 d3-N-MeFOSA	515.2 > 168.9	2.19e4	1.08e4	1.0000	0.155	5.80	5.80	25.4	163.481	109.0
46	49 13C2-PFTeDA	714.8 > 669.6	7.07e3	1.08e4	1.0000	0.597	6.16	6.16	8.18	13.714	109.7
47	50 d5-N-ETFOSA	531.1 > 168.9	3.39e4	1.08e4	1.0000	0.227	6.16	6.18	39.3	172.778	115.2
48	51 13C2-PFHxDA	815 > 769.7	4.32e3	1.08e4	1.0000	0.902	6.48	6.48	5.00	5.539	110.8
49	52 d7-N-MeFOSE	623.1 > 58.9	2.87e4	1.08e4	1.0000	0.214	6.30	6.29	33.2	154.972	103.3
50	53 d9-N-EtFOSE	639.2 > 58.8	3.05e4	1.08e4	1.0000	0.219	6.42	6.44	35.3	161.643	107.8
51	54 13C4-PFBA	217. > 171.8	1.23e4	1.23e4	1.0000	1.000	1.47	1.48	12.5	12.500	100.0
52	55 13C5-PFHxA	318 > 272.9	1.60e4	1.60e4	1.0000	1.000	3.20	3.20	12.5	12.500	100.0
53	56 13C3-PFHxS	401.9 > 79.9	3.61e3	3.61e3	1.0000	1.000	3.95	3.95	12.5	12.500	100.0
54	57 13C8-PFOA	421.3 > 376	1.27e4	1.27e4	1.0000	1.000	4.32	4.32	12.5	12.500	100.0
55	58 13C9-PFNA	472.2 > 426.9	1.23e4	1.23e4	1.0000	1.000	4.75	4.75	12.5	12.500	100.0
56	59 13C4-PFOS	503 > 79.9	3.87e3	3.87e3	1.0000	1.000	4.83	4.82	12.5	12.500	100.0
57	60 13C6-PFDA	519.1 > 473.7	9.10e3	9.10e3	1.0000	1.000	5.11	5.11	12.5	12.500	100.0
58	61 13C7-PFUdA	570.1 > 524.8	1.08e4	1.08e4	1.0000	1.000	5.43	5.42	12.5	12.500	100.0

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Vista Analytical Laboratory

Dataset: Untitled

Last Altered: Wednesday, December 27, 2017 11:24:29 Pacific Standard Time

Printed: Wednesday, December 27, 2017 11:34:01 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_122317.mdb 26 Dec 2017 14:44:36

Calibration: 27 Dec 2017 11:24:29

Compound name: PFBA

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1	171224M1_1	IPA	24-Dec-17	12:25:39
2	171224M1_2	ST171224M1-1 PFC CS-2 17L1202	24-Dec-17	12:36:49
3	171224M1_3	ST171224M1-2 PFC CS-1 17L1203	24-Dec-17	12:47:59
4	171224M1_4	ST171224M1-3 PFC CS0 17L1204	24-Dec-17	12:59:10
5	171224M1_5	ST171224M1-4 PFC CS1 17L1205	24-Dec-17	13:10:21
6	171224M1_6	ST171224M1-5 PFC CS2 17L1802	24-Dec-17	13:21:32
7	171224M1_7	ST171224M1-6 PFC CS3 17L1207	24-Dec-17	13:32:42
8	171224M1_8	ST171224M1-7 PFC CS4 17L1208	24-Dec-17	13:43:53
9	171224M1_9	ST171224M1-8 PFC CS5 17L1209	24-Dec-17	13:55:03
10	171224M1_10	ST171224M1-9 PFC CS6 17L1803	24-Dec-17	14:06:14
11	171224M1_11	ST171224M1-10 PFC CS7 17L1804	24-Dec-17	14:17:25
12	171224M1_12	IPA	24-Dec-17	14:28:35
13	171224M1_13	ICV171224M1-1 PFC ICV 17L1201	24-Dec-17	14:39:47
14	171224M1_14	IPA	24-Dec-17	14:50:57
15	171224M1_15	B7L0037-BS1 OPR 0.25	24-Dec-17	15:02:08
16	171224M1_16	B7L0037-BSD1 LCSD 0.25	24-Dec-17	15:13:19
17	171224M1_17	IPA	24-Dec-17	15:24:29
18	171224M1_18	B7L0037-BLK1 Method Blank 0.25	24-Dec-17	15:35:40
19	171224M1_19	1701799-01 ██████████ 0.24791	24-Dec-17	15:46:51
20	171224M1_20	1701809-01 ██████████ 0.11675	24-Dec-17	15:58:01
21	171224M1_21	1701809-02 ██████████ 0.11358	24-Dec-17	16:09:12
22	171224M1_22	1701822-01 ██████████ 0.25256	24-Dec-17	16:20:23
23	171224M1_23	1701822-02 ██████████ 0.25428	24-Dec-17	16:31:33
24	171224M1_24	1701822-03 ██████████ 0.25507	24-Dec-17	16:42:44
25	171224M1_25	1701822-04 ██████████ 0.25342	24-Dec-17	16:53:55
26	171224M1_26	1701822-05 ██████████ 0.25014	24-Dec-17	17:05:05
27	171224M1_27	1701822-06 ██████████ 0.24603	24-Dec-17	17:16:16
28	171224M1_28	1701822-07 ██████████ 0.24388	24-Dec-17	17:27:27
29	171224M1_29	IPA	24-Dec-17	17:38:38
30	171224M1_30	ST171224M1-11 PFC CS3 17L1207	24-Dec-17	17:49:48
31	171224M1_31	IPA	24-Dec-17	18:00:59
32	171224M1_32	1701822-08 ██████████ 0.2494	24-Dec-17	18:12:10

Dataset: Untitled

Last Altered: Wednesday, December 27, 2017 11:24:29 Pacific Standard Time
 Printed: Wednesday, December 27, 2017 11:34:01 Pacific Standard Time

Compound name: PFBA

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33	171224M1_33	1701822-09 [REDACTED] 0.24258	24-Dec-17	18:23:20
34	171224M1_34	1701822-10 [REDACTED] 0.2415	24-Dec-17	18:34:31
35	171224M1_35	1701847-01 Trip Blank 0.11597	24-Dec-17	18:45:42
36	171224M1_36	1701847-02 [REDACTED] 5 0.11428	24-Dec-17	18:56:52
37	171224M1_37	1701847-03 [REDACTED] 1 0.11243	24-Dec-17	19:08:03
38	171224M1_38	1701847-04 [REDACTED] 2 0.11505	24-Dec-17	19:19:14
39	171224M1_39	1701847-05 Field Blank 0.11754	24-Dec-17	19:30:25
40	171224M1_40	B7L0064-BS1 OPR 0.25	24-Dec-17	19:41:36
41	171224M1_41	IPA	24-Dec-17	19:52:46
42	171224M1_42	B7L0064-BLK1 Method Blank 0.25	24-Dec-17	20:03:57
43	171224M1_43	B7L0064-MS1 Matrix Spike 0.25776	24-Dec-17	20:15:07
44	171224M1_44	B7L0064-MSD1 Matrix Spike Dup 0.25959	24-Dec-17	20:26:18
45	171224M1_45	1701845-01 Trip Blank 0.26221	24-Dec-17	20:37:29
46	171224M1_46	1701845-02 Field Blank [REDACTED] 0.26198	24-Dec-17	20:48:40
47	171224M1_47	1701845-03 Equipment Blank [REDACTED] 0.26161	24-Dec-17	20:59:50
48	171224M1_48	1701845-04 [REDACTED] 0.25484	24-Dec-17	21:11:01
49	171224M1_49	1701845-05 [REDACTED] 0.25973	24-Dec-17	21:22:11
50	171224M1_50	1701845-06 [REDACTED] 0.25614	24-Dec-17	21:33:23
51	171224M1_51	IPA	24-Dec-17	21:44:33
52	171224M1_52	ST171224M1-12 PFC CS3 17L1207	24-Dec-17	21:55:44
53	171224M1_53	IPA	24-Dec-17	22:06:54
54	171224M1_54	1701845-07 [REDACTED] 0.25384	24-Dec-17	22:18:05
55	171224M1_55	1701845-08 [REDACTED] 0.2563	24-Dec-17	22:29:16
56	171224M1_56	1701845-09 [REDACTED] 0.2567	24-Dec-17	22:40:26
57	171224M1_57	1701845-10 [REDACTED] 0.25294	24-Dec-17	22:51:37
58	171224M1_58	1701845-11 [REDACTED] 0.2534	24-Dec-17	23:02:48
59	171224M1_59	1701845-12 [REDACTED] 0.25457	24-Dec-17	23:13:59
60	171224M1_60	1701845-13 [REDACTED] 0.25691	24-Dec-17	23:25:09
61	171224M1_61	1701845-14 [REDACTED] 0.25871	24-Dec-17	23:36:20
62	171224M1_62	1701845-15 [REDACTED] 0.25765	24-Dec-17	23:47:31
63	171224M1_63	IPA	24-Dec-17	23:58:42
64	171224M1_64	ST171224M1-13 PFC CS3 17L1207	25-Dec-17	00:09:55

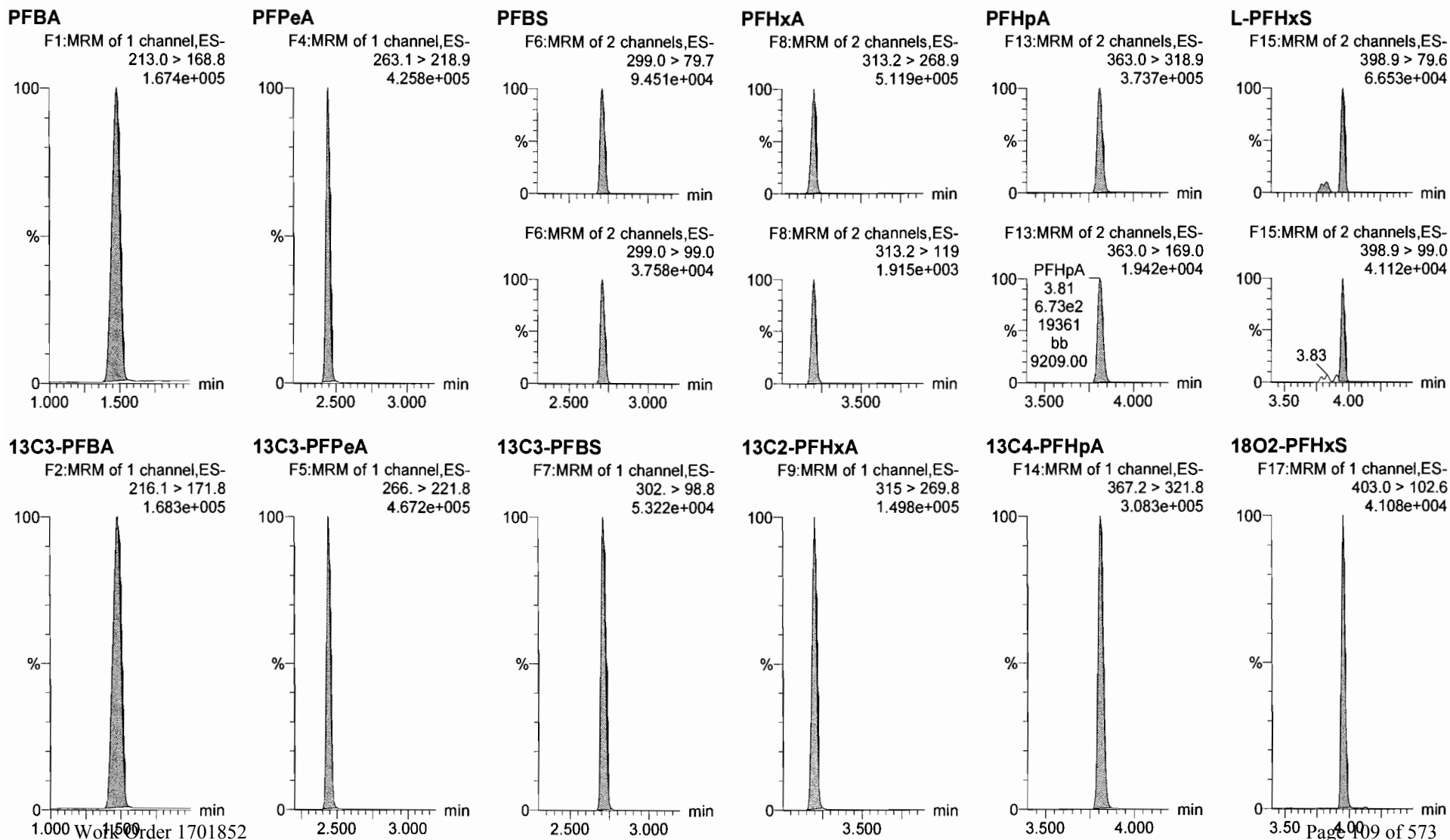
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Printed: Tuesday, December 26, 2017 15:05:15 Pacific Standard Time

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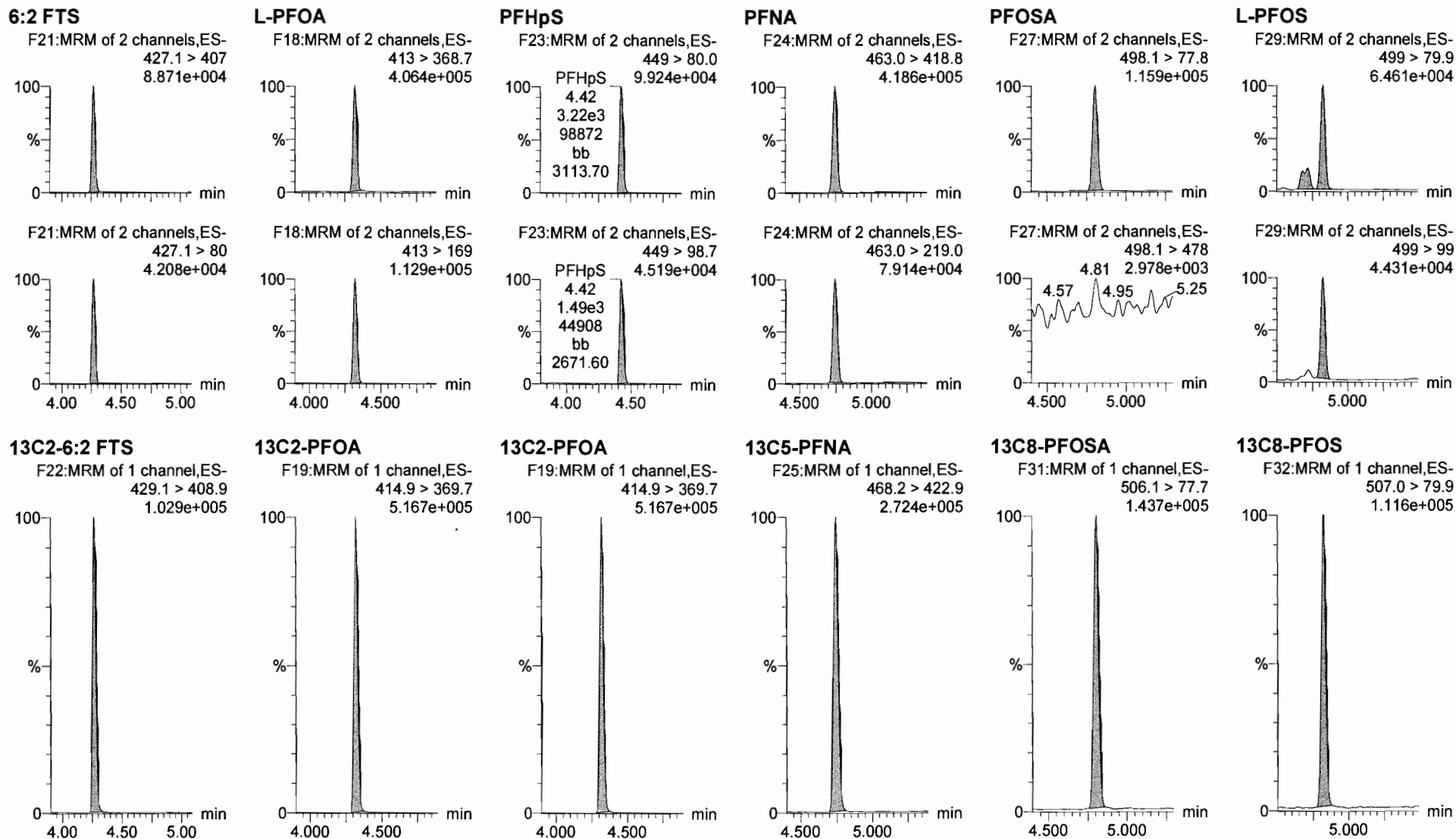
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Last Altered: Tuesday, December 26, 2017 15:04:48 Pacific Standard Time
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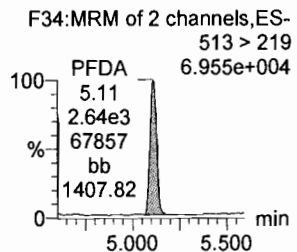
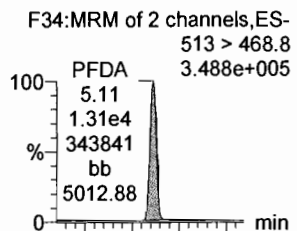
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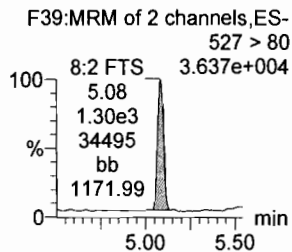
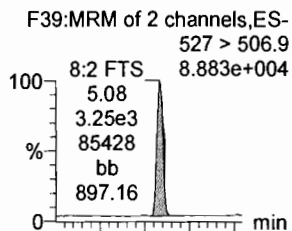
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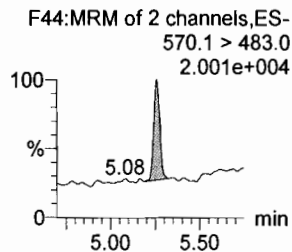
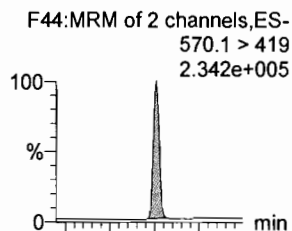
PFDA



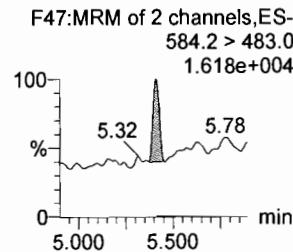
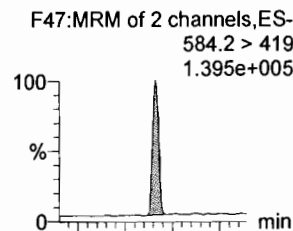
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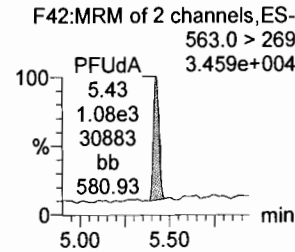
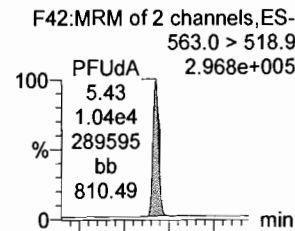
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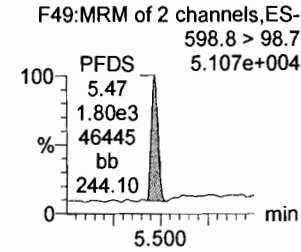
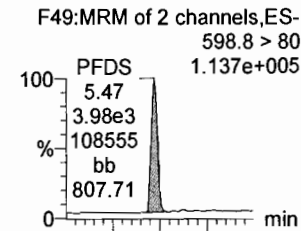
N-EtFOSAA



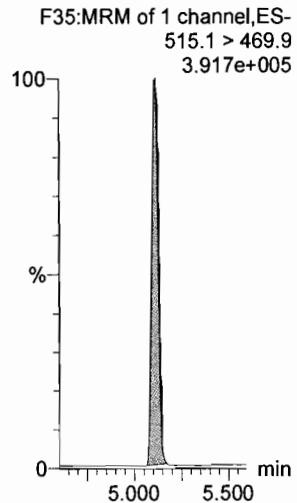
PFUdA



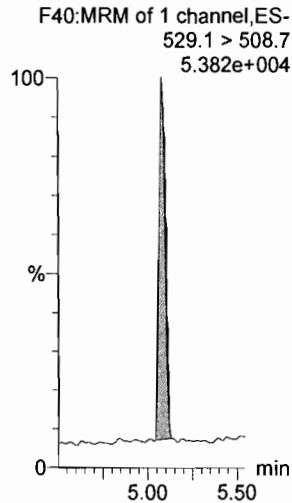
PFDS



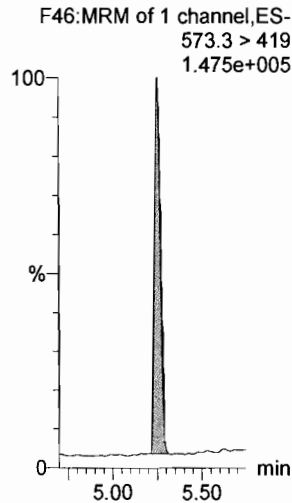
13C2-PFDA



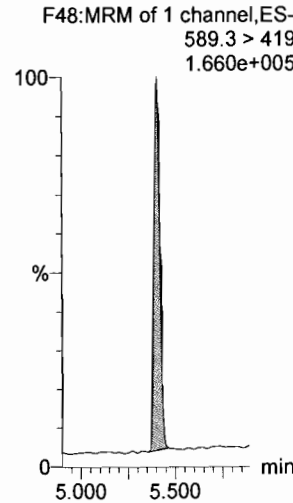
13C2-8:2 FTS



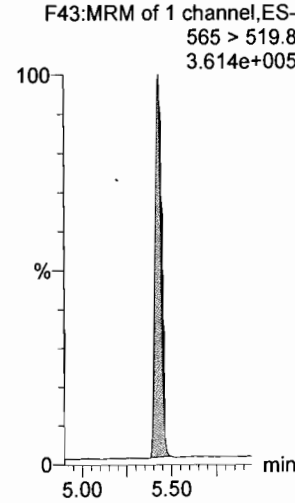
d3-N-MeFOSAA



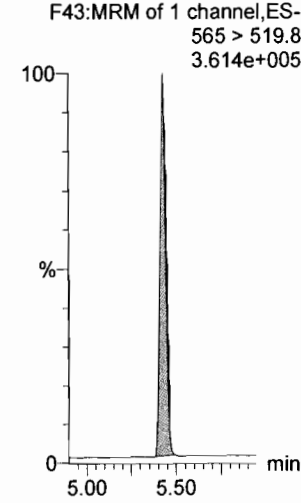
d5-N-EtFOSAA



13C2-PFUdA



13C2-PFUDa



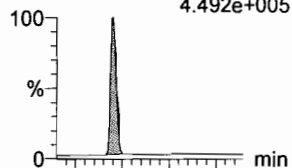
Dataset: U:\Q4.PRO\results\171224M1\171224M1_52.qld

Last Altered: Tuesday, December 26, 2017 15:04:48 Pacific Standard Time
Printed: Tuesday, December 26, 2017 15:05:15 Pacific Standard Time

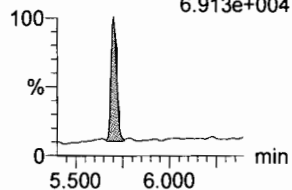
Name: 171224M1_52, Date: 24-Dec-2017, Time: 21:55:44, ID: ST171224M1-12 PFC CS3 17L1207, Description: PFC CS3 17L1207

PFD_oA

F50:MRM of 2 channels,ES-
612.9 > 569.0
4.492e+005

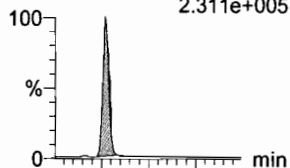


F50:MRM of 2 channels,ES-
612.9 > 318.8
6.913e+004

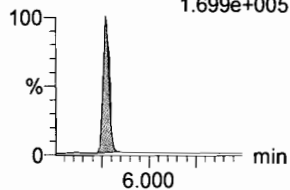


N-MeFOSA

F33:MRM of 2 channels,ES-
512.1 > 168.9
2.311e+005

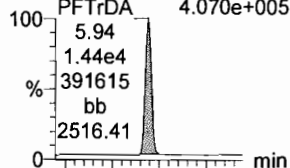


F33:MRM of 2 channels,ES-
512.1 > 219
1.699e+005

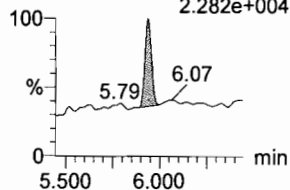


PFT_rDA

F56:MRM of 2 channels,ES-
662.9 > 618.9
4.070e+005

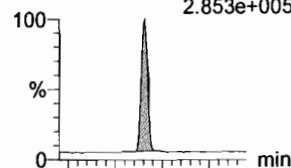


F56:MRM of 2 channels,ES-
662.9 > 319
2.282e+004

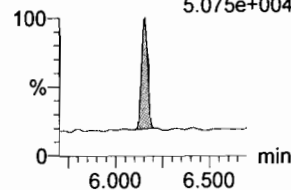


PFT_eDA

F57:MRM of 2 channels,ES-
712.9 > 668.8
2.853e+005

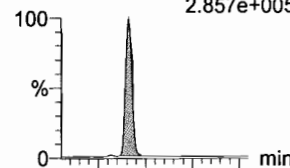


F57:MRM of 2 channels,ES-
712.9 > 369
5.075e+004

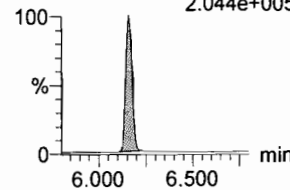


N-EtFOSA

F38:MRM of 2 channels,ES-
526.1 > 168.9
2.857e+005

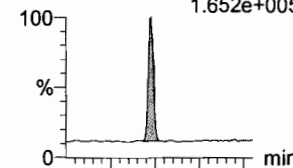


F38:MRM of 2 channels,ES-
526.1 > 219
2.044e+005

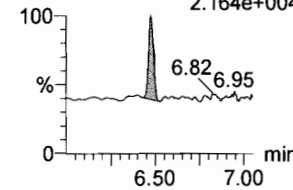


PFH_xDA

F59:MRM of 2 channels,ES-
813.1 > 768.6
1.652e+005

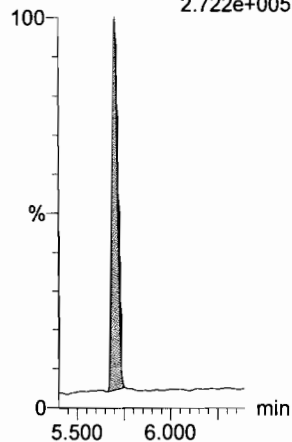


F59:MRM of 2 channels,ES-
813.1 > 219
2.164e+004



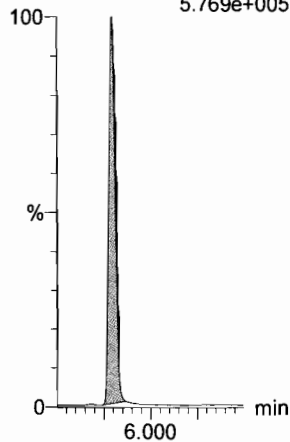
13C2-PFD_oA

F51:MRM of 1 channel,ES-
615.0 > 569.7
2.722e+005



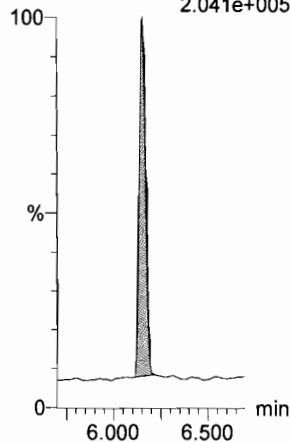
d3-N-MeFOSA

F36:MRM of 1 channel,ES-
515.2 > 168.9
5.769e+005



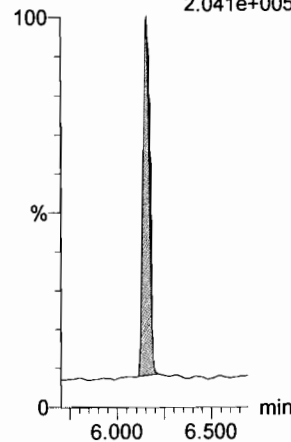
13C2-PFT_eDA

F58:MRM of 2 channels,ES-
714.8 > 669.6
2.041e+005



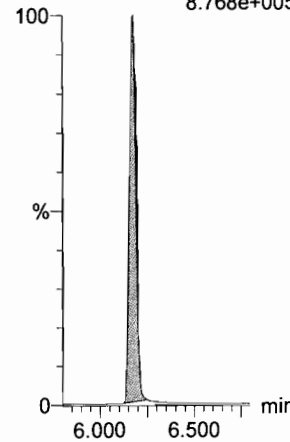
13C2-PFT_eDA

F58:MRM of 2 channels,ES-
714.8 > 669.6
2.041e+005



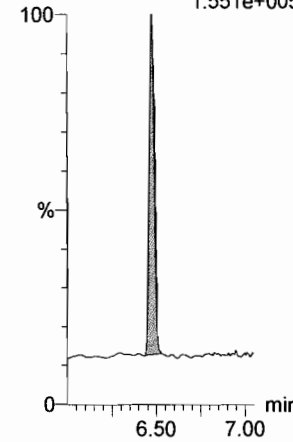
d5-N-ETFOSA

F41:MRM of 1 channel,ES-
531.1 > 168.9
8.768e+005



13C2-PFH_xDA

F60:MRM of 1 channel,ES-
815 > 769.7
1.551e+005



Dataset: U:\Q4.PRO\results\171224M1\171224M1_52.qld

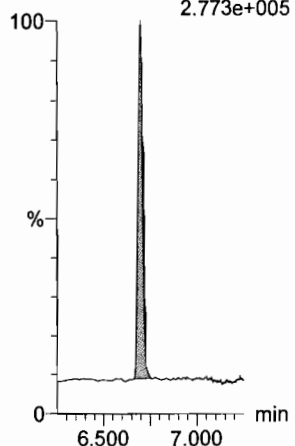
Last Altered: Tuesday, December 26, 2017 15:04:48 Pacific Standard Time

Printed: Tuesday, December 26, 2017 15:05:15 Pacific Standard Time

Name: 171224M1_52, Date: 24-Dec-2017, Time: 21:55:44, ID: ST171224M1-12 PFC CS3 17L1207, Description: PFC CS3 17L1207

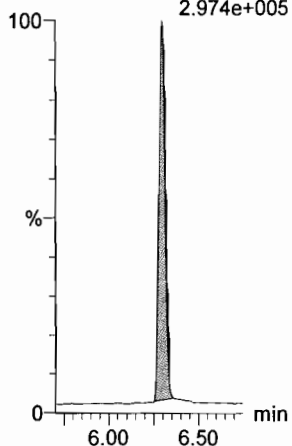
PFODA

F61:MRM of 1 channel,ES-
913.1 > 868.8
2.773e+005



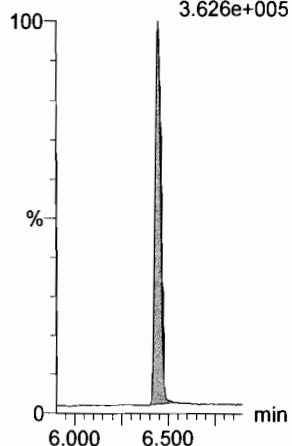
N-MeFOSE

F52:MRM of 1 channel,ES-
616.1 > 58.9
2.974e+005



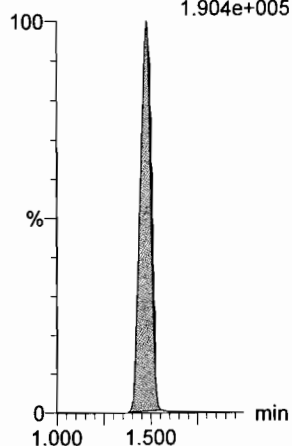
N-EtFOSE

F54:MRM of 1 channel,ES-
630.1 > 58.9
3.626e+005



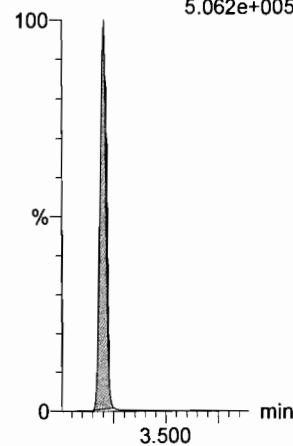
13C4-PFBA

F3:MRM of 1 channel,ES-
217. > 171.8
1.904e+005



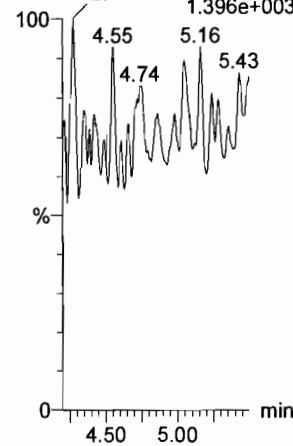
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
5.062e+005



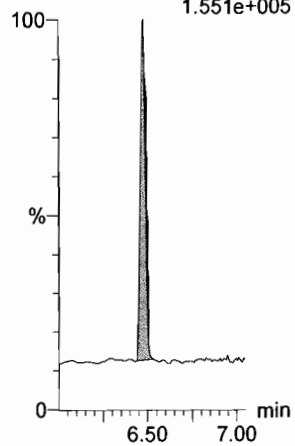
TCDA

F28:MRM of 3 channels,ES-
498.3 > 106.9
1.396e+003



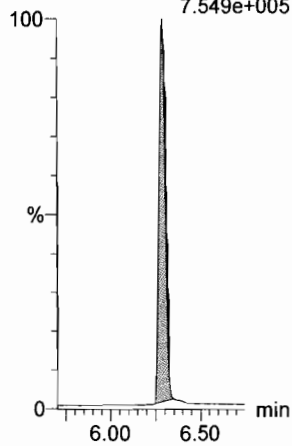
13C2-PFHxDA

F60:MRM of 1 channel,ES-
815 > 769.7
1.551e+005



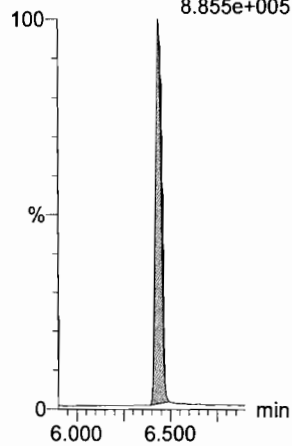
d7-N-MeFOSE

F53:MRM of 1 channel,ES-
623.1 > 58.9
7.549e+005



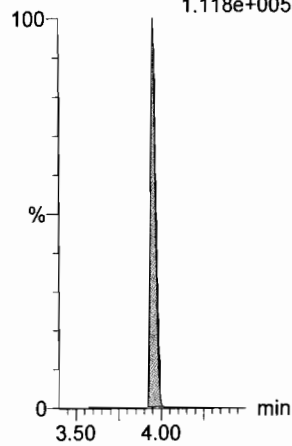
d9-N-EtFOSE

F55:MRM of 1 channel,ES-
639.2 > 58.8
8.855e+005



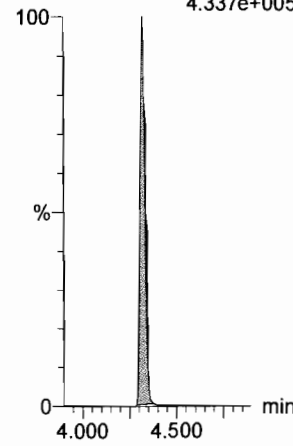
13C3-PFHxS

F16:MRM of 1 channel,ES-
401.9 > 79.9
1.118e+005



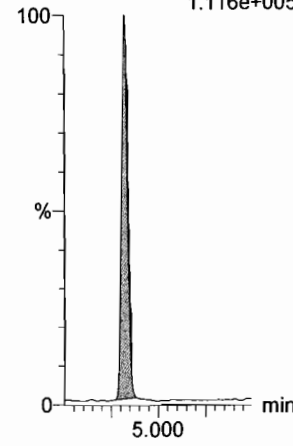
13C8-PFOA

F20:MRM of 1 channel,ES-
421.3 > 376
4.337e+005



13C8-PFOS

F32:MRM of 1 channel,ES-
507.0 > 79.9
1.116e+005



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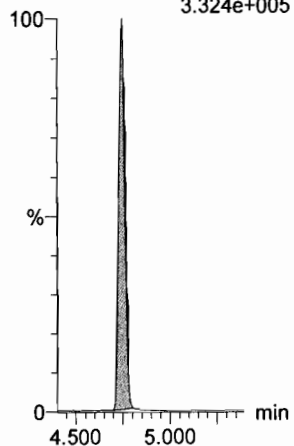
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Printed: Tuesday, December 26, 2017 15:05:15 Pacific Standard Time

Name: 171224M1_52, Date: 24-Dec-2017, Time: 21:55:44, ID: ST171224M1-12 PFC CS3 17L1207, Description: PFC CS3 17L1207

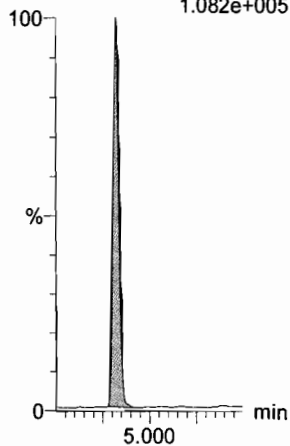
13C9-PFNA

F26:MRM of 1 channel,ES-
472.2 > 426.9
3.324e+005



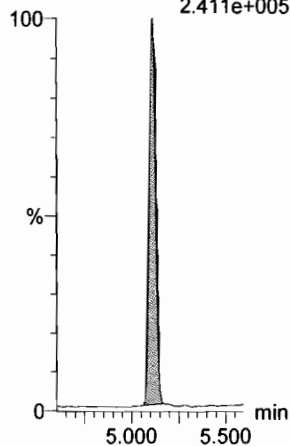
13C4-PFOS

F30:MRM of 1 channel,ES-
503 > 79.9
1.082e+005



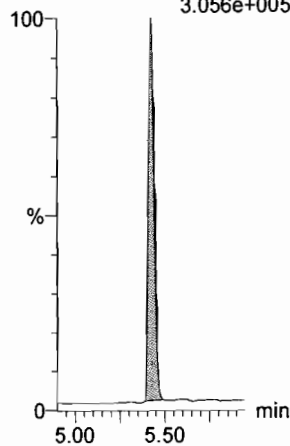
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
2.411e+005



13C7-PFUdA

F45:MRM of 1 channel,ES-
570.1 > 524.8
3.056e+005



Dataset: U:\Q4.PRO\results\180110M3\180110M3_IIS.qld

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Method: U:\Q4.PRO\MethDB\PFAS_RS-12-29-17.mdb 30 Dec 2017 10:03:31

Calibration: 12 Jan 2018 12:01:20

Name: 180110M3_7, Date: 11-Jan-2018, Time: 10:29:56, ID: ST180110M3-6 PFC CS3 17L2611, Description: PFC CS3 17L2611

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180110M3-6 PFC CS3 17L2611	1.03e4	100.0	NO
2	2 13C5-PFHxA	ST180110M3-6 PFC CS3 17L2611	1.23e4	100.0	NO
3	3 13C3-PFHxS	ST180110M3-6 PFC CS3 17L2611	2.95e3	100.0	NO
4	4 13C8-PFOA	ST180110M3-6 PFC CS3 17L2611	1.22e4	100.0	NO
5	5 13C9-PFNA	ST180110M3-6 PFC CS3 17L2611	1.15e4	100.0	NO
6	6 13C4-PFOS	ST180110M3-6 PFC CS3 17L2611	2.81e3	100.0	NO
7	7 13C6-PFDA	ST180110M3-6 PFC CS3 17L2611	6.87e3	100.0	NO
8	8 13C7-PFUDa	ST180110M3-6 PFC CS3 17L2611	1.01e4	100.0	NO

Name: 180110M3_8, Date: 11-Jan-2018, Time: 10:41:06, ID: ST180110M3-7 PFC CS4 17L2612, Description: PFC CS4 17L2612

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180110M3-7 PFC CS4 17L2612	1.09e4	105.5	NO
2	2 13C5-PFHxA	ST180110M3-7 PFC CS4 17L2612	1.30e4	105.7	NO
3	3 13C3-PFHxS	ST180110M3-7 PFC CS4 17L2612	3.13e3	106.2	NO
4	4 13C8-PFOA	ST180110M3-7 PFC CS4 17L2612	1.16e4	95.2	NO
5	5 13C9-PFNA	ST180110M3-7 PFC CS4 17L2612	1.19e4	103.1	NO
6	6 13C4-PFOS	ST180110M3-7 PFC CS4 17L2612	3.53e3	125.5	NO
7	7 13C6-PFDA	ST180110M3-7 PFC CS4 17L2612	7.85e3	114.2	NO
8	8 13C7-PFUDa	ST180110M3-7 PFC CS4 17L2612	1.05e4	103.3	NO

Name: 180110M3_9, Date: 11-Jan-2018, Time: 10:52:18, ID: ST180110M3-8 PFC CS5 17L2613, Description: PFC CS5 17L2613

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180110M3-8 PFC CS5 17L2613	1.03e4	99.3	NO
2	2 13C5-PFHxA	ST180110M3-8 PFC CS5 17L2613	1.16e4	94.3	NO
3	3 13C3-PFHxS	ST180110M3-8 PFC CS5 17L2613	3.22e3	109.4	NO
4	4 13C8-PFOA	ST180110M3-8 PFC CS5 17L2613	9.69e3	79.6	NO
5	5 13C9-PFNA	ST180110M3-8 PFC CS5 17L2613	1.16e4	100.7	NO
6	6 13C4-PFOS	ST180110M3-8 PFC CS5 17L2613	3.15e3	112.0	NO
7	7 13C6-PFDA	ST180110M3-8 PFC CS5 17L2613	8.15e3	118.5	NO
8	8 13C7-PFUDa	ST180110M3-8 PFC CS5 17L2613	1.02e4	100.3	NO

Name: 180110M3_10, Date: 11-Jan-2018, Time: 11:03:28, ID: ST180110M3-9 PFC CS6 17L2710, Description: PFC CS6 17L2710

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180110M3-9 PFC CS6 17L2710	1.41e4	136.2	NO
2	2 13C5-PFHxA	ST180110M3-9 PFC CS6 17L2710	1.62e4	132.3	NO
3	3 13C3-PFHxS	ST180110M3-9 PFC CS6 17L2710	3.52e3	119.4	NO
4	4 13C8-PFOA	ST180110M3-9 PFC CS6 17L2710	1.40e4	115.2	NO
5	5 13C9-PFNA	ST180110M3-9 PFC CS6 17L2710	1.44e4	125.4	NO
6	6 13C4-PFOS	ST180110M3-9 PFC CS6 17L2710	3.62e3	128.8	NO
7	7 13C6-PFDA	ST180110M3-9 PFC CS6 17L2710	9.78e3	142.3	NO
8	8 13C7-PFUDa	ST180110M3-9 PFC CS6 17L2710	1.17e4	115.7	NO

Dataset: U:\Q4.PRO\results\180110M3\180110M3_IIS.qld

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Name: 180110M3_11, Date: 11-Jan-2018, Time: 11:14:39, 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: 180110M3_12, Date: 11-Jan-2018, Time: 11:25:49, ID: ICV180110M3-1 PFC ICV 17L1201, Description: PFC ICV 17L1201

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ICV180110M3-1 PFC ICV 17L1201	9.86e3	95.4	NO
2	2 13C5-PFHxA	ICV180110M3-1 PFC ICV 17L1201	1.10e4	89.8	NO
3	3 13C3-PFHxS	ICV180110M3-1 PFC ICV 17L1201	2.90e3	98.5	NO
4	4 13C8-PFOA	ICV180110M3-1 PFC ICV 17L1201	1.06e4	87.5	NO
5	5 13C9-PFNA	ICV180110M3-1 PFC ICV 17L1201	9.76e3	84.9	NO
6	6 13C4-PFOS	ICV180110M3-1 PFC ICV 17L1201	2.83e3	100.7	NO
7	7 13C6-PFDA	ICV180110M3-1 PFC ICV 17L1201	7.32e3	106.5	NO
8	8 13C7-PFUDa	ICV180110M3-1 PFC ICV 17L1201	9.91e3	97.7	NO

Name: 180110M3_13, Date: 11-Jan-2018, Time: 11:37:00, ID: B7L0088-MS1 Matrix Spike 0.25868, Description: Matrix Spike

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B7L0088-MS1 Matrix Spike 0.25868	6.21e3	60.0	NO
2	2 13C5-PFHxA	B7L0088-MS1 Matrix Spike 0.25868	7.17e3	58.4	NO
3	3 13C3-PFHxS	B7L0088-MS1 Matrix Spike 0.25868	1.92e3	65.3	NO
4	4 13C8-PFOA	B7L0088-MS1 Matrix Spike 0.25868	7.84e3	64.4	NO
5	5 13C9-PFNA	B7L0088-MS1 Matrix Spike 0.25868	7.06e3	61.4	NO
6	6 13C4-PFOS	B7L0088-MS1 Matrix Spike 0.25868	1.81e3	64.4	NO
7	7 13C6-PFDA	B7L0088-MS1 Matrix Spike 0.25868	4.47e3	65.0	NO
8	8 13C7-PFUDa	B7L0088-MS1 Matrix Spike 0.25868	7.49e3	73.8	NO

Name: 180110M3_14, Date: 11-Jan-2018, Time: 11:48:11, ID: B7L0088-MSD1 Matrix Spike Dup 0.2594, Description: Matrix Spike Dup

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B7L0088-MSD1 Matrix Spike Dup 0.2594	6.78e3	65.6	NO
2	2 13C5-PFHxA	B7L0088-MSD1 Matrix Spike Dup 0.2594	8.69e3	70.8	NO
3	3 13C3-PFHxS	B7L0088-MSD1 Matrix Spike Dup 0.2594	2.31e3	78.4	NO
4	4 13C8-PFOA	B7L0088-MSD1 Matrix Spike Dup 0.2594	8.13e3	66.7	NO
5	5 13C9-PFNA	B7L0088-MSD1 Matrix Spike Dup 0.2594	7.62e3	66.2	NO
6	6 13C4-PFOS	B7L0088-MSD1 Matrix Spike Dup 0.2594	2.41e3	85.7	NO
7	7 13C6-PFDA	B7L0088-MSD1 Matrix Spike Dup 0.2594	4.93e3	71.7	NO
8	8 13C7-PFUDa	B7L0088-MSD1 Matrix Spike Dup 0.2594	7.21e3	71.1	NO

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Name: 180110M3_15, Date: 11-Jan-2018, Time: 11:59:21, ID: 1701832-01 FT-SW10-20171201 0.24901, Description: FT-SW10-20171201

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701832-01 FT-SW10-20171201 0.24901	8.79e3	85.0	NO
2	2 13C5-PFHxA	1701832-01 FT-SW10-20171201 0.24901	9.51e3	77.4	NO
3	3 13C3-PFHxS	1701832-01 FT-SW10-20171201 0.24901	3.26e3	110.7	NO
4	4 13C8-PFOA	1701832-01 FT-SW10-20171201 0.24901	1.04e4	85.3	NO
5	5 13C9-PFNA	1701832-01 FT-SW10-20171201 0.24901	1.04e4	90.4	NO
6	6 13C4-PFOS	1701832-01 FT-SW10-20171201 0.24901	3.15e3	111.9	NO
7	7 13C6-PFDA	1701832-01 FT-SW10-20171201 0.24901	7.84e3	114.1	NO
8	8 13C7-PFUDa	1701832-01 FT-SW10-20171201 0.24901	9.23e3	91.0	NO

Name: 180110M3_16, Date: 11-Jan-2018, Time: 12:10:32, ID: 1701832-02 FT-DUP04-20171201 0.25912, Description: FT-DUP04-20171201

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701832-02 FT-DUP04-20171201 0.25...	6.56e3	63.5	NO
2	2 13C5-PFHxA	1701832-02 FT-DUP04-20171201 0.25...	7.48e3	60.9	NO
3	3 13C3-PFHxS	1701832-02 FT-DUP04-20171201 0.25...	2.30e3	78.2	NO
4	4 13C8-PFOA	1701832-02 FT-DUP04-20171201 0.25...	7.40e3	60.7	NO
5	5 13C9-PFNA	1701832-02 FT-DUP04-20171201 0.25...	6.88e3	59.8	NO
6	6 13C4-PFOS	1701832-02 FT-DUP04-20171201 0.25...	2.22e3	79.1	NO
7	7 13C6-PFDA	1701832-02 FT-DUP04-20171201 0.25...	4.46e3	64.8	NO
8	8 13C7-PFUDa	1701832-02 FT-DUP04-20171201 0.25...	6.76e3	66.6	NO

Name: 180110M3_17, Date: 11-Jan-2018, Time: 12:21:42, ID: 1701832-03 FT-SW13-20171201 0.25163, Description: FT-SW13-20171201

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701832-03 FT-SW13-20171201 0.25163	6.60e3	63.8	NO
2	2 13C5-PFHxA	1701832-03 FT-SW13-20171201 0.25163	8.13e3	66.2	NO
3	3 13C3-PFHxS	1701832-03 FT-SW13-20171201 0.25163	2.17e3	73.6	NO
4	4 13C8-PFOA	1701832-03 FT-SW13-20171201 0.25163	8.68e3	71.3	NO
5	5 13C9-PFNA	1701832-03 FT-SW13-20171201 0.25163	7.55e3	65.6	NO
6	6 13C4-PFOS	1701832-03 FT-SW13-20171201 0.25163	2.27e3	80.9	NO
7	7 13C6-PFDA	1701832-03 FT-SW13-20171201 0.25163	5.10e3	74.3	NO
8	8 13C7-PFUDa	1701832-03 FT-SW13-20171201 0.25163	8.32e3	82.0	NO

Name: 180110M3_18, Date: 11-Jan-2018, Time: 12:32:54, ID: 1701832-04 FT-SW12-20171201 0.25479, Description: FT-SW12-20171201

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701832-04 FT-SW12-20171201 0.25479	6.21e3	60.1	NO
2	2 13C5-PFHxA	1701832-04 FT-SW12-20171201 0.25479	8.19e3	66.7	NO
3	3 13C3-PFHxS	1701832-04 FT-SW12-20171201 0.25479	2.23e3	75.7	NO
4	4 13C8-PFOA	1701832-04 FT-SW12-20171201 0.25479	6.71e3	55.1	NO
5	5 13C9-PFNA	1701832-04 FT-SW12-20171201 0.25479	7.72e3	67.1	NO
6	6 13C4-PFOS	1701832-04 FT-SW12-20171201 0.25479	1.96e3	69.9	NO
7	7 13C6-PFDA	1701832-04 FT-SW12-20171201 0.25479	4.17e3	60.6	NO
8	8 13C7-PFUDa	1701832-04 FT-SW12-20171201 0.25479	6.97e3	68.7	NO

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Name: 180110M3_19, Date: 11-Jan-2018, Time: 12:44:04, ID: 1701832-05 SA-SW125-20171201 0.26063, Description: SA-SW125-20171201

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701832-05 SA-SW125-20171201 0.26...	6.72e3	65.0	NO
2	2 13C5-PFHxA	1701832-05 SA-SW125-20171201 0.26...	7.73e3	62.9	NO
3	3 13C3-PFHxS	1701832-05 SA-SW125-20171201 0.26...	2.28e3	77.4	NO
4	4 13C8-PFOA	1701832-05 SA-SW125-20171201 0.26...	8.14e3	66.8	NO
5	5 13C9-PFNA	1701832-05 SA-SW125-20171201 0.26...	7.10e3	61.7	NO
6	6 13C4-PFOS	1701832-05 SA-SW125-20171201 0.26...	2.09e3	74.2	NO
7	7 13C6-PFDA	1701832-05 SA-SW125-20171201 0.26...	4.80e3	69.8	NO
8	8 13C7-PFUDa	1701832-05 SA-SW125-20171201 0.26...	6.39e3	63.0	NO

Name: 180110M3_20, Date: 11-Jan-2018, Time: 12:55:15, ID: 1701832-06 SA-SW124-20171201 0.24606, Description: SA-SW124-20171201

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701832-06 SA-SW124-20171201 0.24...	6.79e3	65.6	NO
2	2 13C5-PFHxA	1701832-06 SA-SW124-20171201 0.24...	8.69e3	70.7	NO
3	3 13C3-PFHxS	1701832-06 SA-SW124-20171201 0.24...	2.30e3	78.2	NO
4	4 13C8-PFOA	1701832-06 SA-SW124-20171201 0.24...	7.07e3	58.1	NO
5	5 13C9-PFNA	1701832-06 SA-SW124-20171201 0.24...	7.53e3	65.4	NO
6	6 13C4-PFOS	1701832-06 SA-SW124-20171201 0.24...	1.82e3	64.7	NO
7	7 13C6-PFDA	1701832-06 SA-SW124-20171201 0.24...	5.61e3	81.6	NO
8	8 13C7-PFUDa	1701832-06 SA-SW124-20171201 0.24...	7.68e3	75.7	NO

Name: 180110M3_21, Date: 11-Jan-2018, Time: 13:06:26, ID: 1701832-07 SA-PZ124-20171201 0.22152, Description: SA-PZ124-20171201

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701832-07 SA-PZ124-20171201 0.221...	7.22e3	69.8	NO
2	2 13C5-PFHxA	1701832-07 SA-PZ124-20171201 0.221...	8.86e3	72.1	NO
3	3 13C3-PFHxS	1701832-07 SA-PZ124-20171201 0.221...	2.35e3	79.7	NO
4	4 13C8-PFOA	1701832-07 SA-PZ124-20171201 0.221...	8.94e3	73.4	NO
5	5 13C9-PFNA	1701832-07 SA-PZ124-20171201 0.221...	7.14e3	62.1	NO
6	6 13C4-PFOS	1701832-07 SA-PZ124-20171201 0.221...	2.27e3	80.7	NO
7	7 13C6-PFDA	1701832-07 SA-PZ124-20171201 0.221...	4.99e3	72.6	NO
8	8 13C7-PFUDa	1701832-07 SA-PZ124-20171201 0.221...	8.31e3	82.0	NO

Name: 180110M3_22, Date: 11-Jan-2018, Time: 13:17:36, ID: 1701832-08 SA-DUP05-20171201 0.23726, Description: SA-DUP05-20171201

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701832-08 SA-DUP05-20171201 0.23...	7.66e3	74.1	NO
2	2 13C5-PFHxA	1701832-08 SA-DUP05-20171201 0.23...	9.63e3	78.4	NO
3	3 13C3-PFHxS	1701832-08 SA-DUP05-20171201 0.23...	2.23e3	75.7	NO
4	4 13C8-PFOA	1701832-08 SA-DUP05-20171201 0.23...	8.86e3	72.7	NO
5	5 13C9-PFNA	1701832-08 SA-DUP05-20171201 0.23...	6.75e3	58.7	NO
6	6 13C4-PFOS	1701832-08 SA-DUP05-20171201 0.23...	2.86e3	101.6	NO
7	7 13C6-PFDA	1701832-08 SA-DUP05-20171201 0.23...	5.39e3	78.5	NO
8	8 13C7-PFUDa	1701832-08 SA-DUP05-20171201 0.23...	8.51e3	83.9	NO

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Name: 180110M3_23, Date: 11-Jan-2018, Time: 13:28:47, ID: 1701832-09 SA-PZ147-20171201 0.25163, Description: SA-PZ147-20171201

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701832-09 SA-PZ147-20171201 0.251...	6.79e3	65.7	NO
2	2 13C5-PFHxA	1701832-09 SA-PZ147-20171201 0.251...	7.73e3	62.9	NO
3	3 13C3-PFHxS	1701832-09 SA-PZ147-20171201 0.251...	2.32e3	78.6	NO
4	4 13C8-PFOA	1701832-09 SA-PZ147-20171201 0.251...	7.25e3	59.5	NO
5	5 13C9-PFNA	1701832-09 SA-PZ147-20171201 0.251...	8.96e3	77.9	NO
6	6 13C4-PFOS	1701832-09 SA-PZ147-20171201 0.251...	2.23e3	79.4	NO
7	7 13C6-PFDA	1701832-09 SA-PZ147-20171201 0.251...	4.94e3	71.9	NO
8	8 13C7-PFUdA	1701832-09 SA-PZ147-20171201 0.251...	7.39e3	72.8	NO

Name: 180110M3_24, Date: 11-Jan-2018, Time: 13:39:58, ID: 1701832-10 SA-SW201-20171201 0.24837, Description: SA-SW201-20171201

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701832-10 SA-SW201-20171201 0.24...	8.08e3	78.2	NO
2	2 13C5-PFHxA	1701832-10 SA-SW201-20171201 0.24...	8.20e3	66.8	NO
3	3 13C3-PFHxS	1701832-10 SA-SW201-20171201 0.24...	2.41e3	81.7	NO
4	4 13C8-PFOA	1701832-10 SA-SW201-20171201 0.24...	7.27e3	59.7	NO
5	5 13C9-PFNA	1701832-10 SA-SW201-20171201 0.24...	8.67e3	75.4	NO
6	6 13C4-PFOS	1701832-10 SA-SW201-20171201 0.24...	2.52e3	89.6	NO
7	7 13C6-PFDA	1701832-10 SA-SW201-20171201 0.24...	5.06e3	73.6	NO
8	8 13C7-PFUdA	1701832-10 SA-SW201-20171201 0.24...	7.51e3	74.0	NO

Name: 180110M3_25, Date: 11-Jan-2018, Time: 13:51:09, 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: 180110M3_26, Date: 11-Jan-2018, Time: 14:02:19, ID: ST180110M3-10 PFC CS3 17L2611, Description: PFC CS3 17L2611

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180110M3-10 PFC CS3 17L2611	1.16e4	112.2	NO
2	2 13C5-PFHxA	ST180110M3-10 PFC CS3 17L2611	1.45e4	117.8	NO
3	3 13C3-PFHxS	ST180110M3-10 PFC CS3 17L2611	3.34e3	113.5	NO
4	4 13C8-PFOA	ST180110M3-10 PFC CS3 17L2611	1.33e4	109.3	NO
5	5 13C9-PFNA	ST180110M3-10 PFC CS3 17L2611	1.23e4	106.7	NO
6	6 13C4-PFOS	ST180110M3-10 PFC CS3 17L2611	2.77e3	98.4	NO
7	7 13C6-PFDA	ST180110M3-10 PFC CS3 17L2611	9.08e3	132.0	NO
8	8 13C7-PFUdA	ST180110M3-10 PFC CS3 17L2611	1.16e4	114.5	NO

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Name: 180110M3_27, Date: 11-Jan-2018, Time: 14:13:30, 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: 180110M3_28, Date: 11-Jan-2018, Time: 14:24:43, ID: 1701832-11 SW-DP01-20171201 0.26032, Description: SW-DP01-20171201

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701832-11 SW-DP01-20171201 0.260...	6.39e3	61.7	NO
2	2 13C5-PFHxA	1701832-11 SW-DP01-20171201 0.260...	6.94e3	56.5	NO
3	3 13C3-PFHxS	1701832-11 SW-DP01-20171201 0.260...	2.06e3	69.9	NO
4	4 13C8-PFOA	1701832-11 SW-DP01-20171201 0.260...	6.48e3	53.3	NO
5	5 13C9-PFNA	1701832-11 SW-DP01-20171201 0.260...	7.49e3	65.1	NO
6	6 13C4-PFOS	1701832-11 SW-DP01-20171201 0.260...	1.88e3	66.9	NO
7	7 13C6-PFDA	1701832-11 SW-DP01-20171201 0.260...	5.05e3	73.4	NO
8	8 13C7-PFUDa	1701832-11 SW-DP01-20171201 0.260...	6.20e3	61.1	NO

Name: 180110M3_29, Date: 11-Jan-2018, Time: 14:35:52, ID: 1701832-12 SA-SW204-20171201 0.25842, Description: SA-SW204-20171201

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701832-12 SA-SW204-20171201 0.25...	6.49e3	62.8	NO
2	2 13C5-PFHxA	1701832-12 SA-SW204-20171201 0.25...	8.33e3	67.8	NO
3	3 13C3-PFHxS	1701832-12 SA-SW204-20171201 0.25...	2.41e3	81.7	NO
4	4 13C8-PFOA	1701832-12 SA-SW204-20171201 0.25...	7.88e3	64.7	NO
5	5 13C9-PFNA	1701832-12 SA-SW204-20171201 0.25...	7.81e3	67.9	NO
6	6 13C4-PFOS	1701832-12 SA-SW204-20171201 0.25...	2.26e3	80.3	NO
7	7 13C6-PFDA	1701832-12 SA-SW204-20171201 0.25...	4.70e3	68.4	NO
8	8 13C7-PFUDa	1701832-12 SA-SW204-20171201 0.25...	7.47e3	73.7	NO

Name: 180110M3_30, Date: 11-Jan-2018, Time: 14:47:02, ID: 1701832-13 SA-SW204-FRB-20171201 0.25939, Description: SA-SW204-FRB-20171201

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701832-13 SA-SW204-FRB-20171201...	1.04e4	100.6	NO
2	2 13C5-PFHxA	1701832-13 SA-SW204-FRB-20171201...	1.10e4	89.2	NO
3	3 13C3-PFHxS	1701832-13 SA-SW204-FRB-20171201...	2.63e3	89.4	NO
4	4 13C8-PFOA	1701832-13 SA-SW204-FRB-20171201...	8.12e3	66.7	NO
5	5 13C9-PFNA	1701832-13 SA-SW204-FRB-20171201...	7.32e3	63.7	NO
6	6 13C4-PFOS	1701832-13 SA-SW204-FRB-20171201...	1.83e3	65.3	NO
7	7 13C6-PFDA	1701832-13 SA-SW204-FRB-20171201...	5.05e3	73.4	NO
8	8 13C7-PFUDa	1701832-13 SA-SW204-FRB-20171201...	7.14e3	70.4	NO

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Name: 180110M3_31, Date: 11-Jan-2018, Time: 14:58:13, ID: B7L0114-BS1 OPR 0.125, Description: OPR

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B7L0114-BS1 OPR 0.125	6.04e3	58.4	NO
2	2 13C5-PFHxA	B7L0114-BS1 OPR 0.125	7.59e3	61.8	NO
3	3 13C3-PFHxS	B7L0114-BS1 OPR 0.125	1.82e3	61.9	NO
4	4 13C8-PFOA	B7L0114-BS1 OPR 0.125	8.24e3	67.7	NO
5	5 13C9-PFNA	B7L0114-BS1 OPR 0.125	7.18e3	62.4	NO
6	6 13C4-PFOS	B7L0114-BS1 OPR 0.125	1.68e3	59.7	NO
7	7 13C6-PFDA	B7L0114-BS1 OPR 0.125	3.77e3	54.9	NO
8	8 13C7-PFUDa	B7L0114-BS1 OPR 0.125	7.13e3	70.3	NO

Name: 180110M3_32, Date: 11-Jan-2018, Time: 15:09:23, 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: 180110M3_33, Date: 11-Jan-2018, Time: 15:20:34, ID: B7L0114-BLK1 Method Blank 0.125, Description: Method Blank

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B7L0114-BLK1 Method Blank 0.125	6.27e3	60.6	NO
2	2 13C5-PFHxA	B7L0114-BLK1 Method Blank 0.125	7.69e3	62.6	NO
3	3 13C3-PFHxS	B7L0114-BLK1 Method Blank 0.125	2.47e3	84.0	NO
4	4 13C8-PFOA	B7L0114-BLK1 Method Blank 0.125	7.87e3	64.7	NO
5	5 13C9-PFNA	B7L0114-BLK1 Method Blank 0.125	6.98e3	60.7	NO
6	6 13C4-PFOS	B7L0114-BLK1 Method Blank 0.125	1.89e3	67.3	NO
7	7 13C6-PFDA	B7L0114-BLK1 Method Blank 0.125	4.97e3	72.3	NO
8	8 13C7-PFUDa	B7L0114-BLK1 Method Blank 0.125	7.55e3	74.4	NO

Name: 180110M3_34, Date: 11-Jan-2018, Time: 15:31:45, ID: 1701896-01 FB1712041315JM 0.26557, Description: FB1712041315JM

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701896-01 FB1712041315JM 0.26557	6.18e3	59.8	NO
2	2 13C5-PFHxA	1701896-01 FB1712041315JM 0.26557	7.92e3	64.5	NO
3	3 13C3-PFHxS	1701896-01 FB1712041315JM 0.26557	2.31e3	78.2	NO
4	4 13C8-PFOA	1701896-01 FB1712041315JM 0.26557	7.81e3	64.2	NO
5	5 13C9-PFNA	1701896-01 FB1712041315JM 0.26557	7.59e3	66.0	NO
6	6 13C4-PFOS	1701896-01 FB1712041315JM 0.26557	2.10e3	74.5	NO
7	7 13C6-PFDA	1701896-01 FB1712041315JM 0.26557	5.74e3	83.5	NO
8	8 13C7-PFUDa	1701896-01 FB1712041315JM 0.26557	6.54e3	64.4	NO

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Name: 180110M3_35, Date: 11-Jan-2018, Time: 15:42:56, ID: 1701896-02 WT1712041320JM 0.27098, Description: WT1712041320JM

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701896-02 WT1712041320JM 0.27098	6.94e3	67.1	NO
2	2 13C5-PFHxA	1701896-02 WT1712041320JM 0.27098	7.73e3	62.9	NO
3	3 13C3-PFHxS	1701896-02 WT1712041320JM 0.27098	2.32e3	78.7	NO
4	4 13C8-PFOA	1701896-02 WT1712041320JM 0.27098	7.31e3	60.0	NO
5	5 13C9-PFNA	1701896-02 WT1712041320JM 0.27098	7.06e3	61.4	NO
6	6 13C4-PFOS	1701896-02 WT1712041320JM 0.27098	2.11e3	75.2	NO
7	7 13C6-PFDA	1701896-02 WT1712041320JM 0.27098	4.93e3	71.8	NO
8	8 13C7-PFUDa	1701896-02 WT1712041320JM 0.27098	6.24e3	61.5	NO

Name: 180110M3_36, Date: 11-Jan-2018, Time: 15:54:06, ID: 1701896-03 WR1712041330JM 0.26836, Description: WR1712041330JM

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701896-03 WR1712041330JM 0.26836	6.15e3	59.5	NO
2	2 13C5-PFHxA	1701896-03 WR1712041330JM 0.26836	7.73e3	63.0	NO
3	3 13C3-PFHxS	1701896-03 WR1712041330JM 0.26836	2.04e3	69.3	NO
4	4 13C8-PFOA	1701896-03 WR1712041330JM 0.26836	7.02e3	57.7	NO
5	5 13C9-PFNA	1701896-03 WR1712041330JM 0.26836	7.67e3	66.7	NO
6	6 13C4-PFOS	1701896-03 WR1712041330JM 0.26836	1.70e3	60.3	NO
7	7 13C6-PFDA	1701896-03 WR1712041330JM 0.26836	3.92e3	57.0	NO
8	8 13C7-PFUDa	1701896-03 WR1712041330JM 0.26836	6.57e3	64.8	NO

Name: 180110M3_37, Date: 11-Jan-2018, Time: 16:05:17, ID: 1701896-04 WT1712041435JM 0.26471, Description: WT1712041435JM

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701896-04 WT1712041435JM 0.26471	8.05e3	77.9	NO
2	2 13C5-PFHxA	1701896-04 WT1712041435JM 0.26471	9.07e3	73.9	NO
3	3 13C3-PFHxS	1701896-04 WT1712041435JM 0.26471	2.38e3	81.0	NO
4	4 13C8-PFOA	1701896-04 WT1712041435JM 0.26471	8.77e3	72.0	NO
5	5 13C9-PFNA	1701896-04 WT1712041435JM 0.26471	8.48e3	73.7	NO
6	6 13C4-PFOS	1701896-04 WT1712041435JM 0.26471	2.25e3	79.9	NO
7	7 13C6-PFDA	1701896-04 WT1712041435JM 0.26471	5.21e3	75.8	NO
8	8 13C7-PFUDa	1701896-04 WT1712041435JM 0.26471	8.01e3	79.0	NO

Name: 180110M3_38, Date: 11-Jan-2018, Time: 16:16:28, ID: 1701896-05 WR1712041445JM 0.2652, Description: WR1712041445JM

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701896-05 WR1712041445JM 0.2652	7.54e3	72.9	NO
2	2 13C5-PFHxA	1701896-05 WR1712041445JM 0.2652	9.22e3	75.0	NO
3	3 13C3-PFHxS	1701896-05 WR1712041445JM 0.2652	2.29e3	77.6	NO
4	4 13C8-PFOA	1701896-05 WR1712041445JM 0.2652	8.04e3	66.0	NO
5	5 13C9-PFNA	1701896-05 WR1712041445JM 0.2652	8.92e3	77.5	NO
6	6 13C4-PFOS	1701896-05 WR1712041445JM 0.2652	2.26e3	80.5	NO
7	7 13C6-PFDA	1701896-05 WR1712041445JM 0.2652	6.24e3	90.8	NO
8	8 13C7-PFUDa	1701896-05 WR1712041445JM 0.2652	7.41e3	73.0	NO

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Name: 180110M3_39, Date: 11-Jan-2018, Time: 16:27:39, ID: 1701896-06 WT1712041505JM 0.26375, Description: WT1712041505JM

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701896-06 WT1712041505JM 0.26375	7.01e3	67.8	NO
2	2 13C5-PFHxA	1701896-06 WT1712041505JM 0.26375	8.91e3	72.6	NO
3	3 13C3-PFHxS	1701896-06 WT1712041505JM 0.26375	2.71e3	92.0	NO
4	4 13C8-PFOA	1701896-06 WT1712041505JM 0.26375	9.18e3	75.4	NO
5	5 13C9-PFNA	1701896-06 WT1712041505JM 0.26375	8.02e3	69.8	NO
6	6 13C4-PFOS	1701896-06 WT1712041505JM 0.26375	2.70e3	96.1	NO
7	7 13C6-PFDA	1701896-06 WT1712041505JM 0.26375	5.57e3	81.1	NO
8	8 13C7-PFUDa	1701896-06 WT1712041505JM 0.26375	7.62e3	75.1	NO

Name: 180110M3_40, Date: 11-Jan-2018, Time: 16:38:49, ID: 1701896-07 WT1712041525JM 0.26253, Description: WT1712041525JM

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701896-07 WT1712041525JM 0.26253	6.48e3	62.6	NO
2	2 13C5-PFHxA	1701896-07 WT1712041525JM 0.26253	7.93e3	64.6	NO
3	3 13C3-PFHxS	1701896-07 WT1712041525JM 0.26253	2.12e3	71.9	NO
4	4 13C8-PFOA	1701896-07 WT1712041525JM 0.26253	6.80e3	55.8	NO
5	5 13C9-PFNA	1701896-07 WT1712041525JM 0.26253	7.79e3	67.7	NO
6	6 13C4-PFOS	1701896-07 WT1712041525JM 0.26253	2.11e3	75.2	NO
7	7 13C6-PFDA	1701896-07 WT1712041525JM 0.26253	4.46e3	64.9	NO
8	8 13C7-PFUDa	1701896-07 WT1712041525JM 0.26253	6.38e3	62.9	NO

Name: 180110M3_41, Date: 11-Jan-2018, Time: 16:50:00, ID: 1701896-08 WT1712041545JM 0.25304, Description: WT1712041545JM

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701896-08 WT1712041545JM 0.25304	8.86e3	85.6	NO
2	2 13C5-PFHxA	1701896-08 WT1712041545JM 0.25304	9.77e3	79.6	NO
3	3 13C3-PFHxS	1701896-08 WT1712041545JM 0.25304	2.35e3	79.7	NO
4	4 13C8-PFOA	1701896-08 WT1712041545JM 0.25304	6.89e3	56.6	NO
5	5 13C9-PFNA	1701896-08 WT1712041545JM 0.25304	7.05e3	61.3	NO
6	6 13C4-PFOS	1701896-08 WT1712041545JM 0.25304	1.85e3	65.7	NO
7	7 13C6-PFDA	1701896-08 WT1712041545JM 0.25304	4.01e3	58.4	NO
8	8 13C7-PFUDa	1701896-08 WT1712041545JM 0.25304	5.40e3	53.3	NO

Name: 180110M3_42, Date: 11-Jan-2018, Time: 17:01:11, 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

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Name: 180110M3_43, Date: 11-Jan-2018, Time: 17:12:22, ID: ST180109M2-11 PFC CS3 17L2611, Description: PFC CS3 17L2611

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180109M2-11 PFC CS3 17L2611	1.14e4	109.8	NO
2	2 13C5-PFHxA	ST180109M2-11 PFC CS3 17L2611	1.23e4	100.0	NO
3	3 13C3-PFHxS	ST180109M2-11 PFC CS3 17L2611	3.33e3	112.9	NO
4	4 13C8-PFOA	ST180109M2-11 PFC CS3 17L2611	1.26e4	103.3	NO
5	5 13C9-PFNA	ST180109M2-11 PFC CS3 17L2611	1.24e4	107.9	NO
6	6 13C4-PFOS	ST180109M2-11 PFC CS3 17L2611	3.66e3	130.1	NO
7	7 13C6-PFDA	ST180109M2-11 PFC CS3 17L2611	6.79e3	98.8	NO
8	8 13C7-PFUDa	ST180109M2-11 PFC CS3 17L2611	1.06e4	104.2	NO

Name: 180110M3_44, Date: 11-Jan-2018, Time: 17:23:32, 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: 180110M3_45, Date: 11-Jan-2018, Time: 17:34:43, ID: 1701896-09 WT1712041600JM 0.25668, Description: WT1712041600JM

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701896-09 WT1712041600JM 0.25668	6.97e3	67.4	NO
2	2 13C5-PFHxA	1701896-09 WT1712041600JM 0.25668	8.01e3	65.2	NO
3	3 13C3-PFHxS	1701896-09 WT1712041600JM 0.25668	2.59e3	87.8	NO
4	4 13C8-PFOA	1701896-09 WT1712041600JM 0.25668	7.41e3	60.9	NO
5	5 13C9-PFNA	1701896-09 WT1712041600JM 0.25668	8.19e3	71.2	NO
6	6 13C4-PFOS	1701896-09 WT1712041600JM 0.25668	2.22e3	78.9	NO
7	7 13C6-PFDA	1701896-09 WT1712041600JM 0.25668	5.38e3	78.3	NO
8	8 13C7-PFUDa	1701896-09 WT1712041600JM 0.25668	6.72e3	66.3	NO

Name: 180110M3_46, Date: 11-Jan-2018, Time: 17:45:54, ID: 1701896-10 WT1712041625JM 0.26672, Description: WT1712041625JM

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701896-10 WT1712041625JM 0.26672	6.66e3	64.4	NO
2	2 13C5-PFHxA	1701896-10 WT1712041625JM 0.26672	8.54e3	69.5	NO
3	3 13C3-PFHxS	1701896-10 WT1712041625JM 0.26672	2.46e3	83.5	NO
4	4 13C8-PFOA	1701896-10 WT1712041625JM 0.26672	8.05e3	66.1	NO
5	5 13C9-PFNA	1701896-10 WT1712041625JM 0.26672	8.51e3	73.9	NO
6	6 13C4-PFOS	1701896-10 WT1712041625JM 0.26672	2.64e3	94.0	NO
7	7 13C6-PFDA	1701896-10 WT1712041625JM 0.26672	4.84e3	70.5	NO
8	8 13C7-PFUDa	1701896-10 WT1712041625JM 0.26672	6.96e3	68.6	NO

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Name: 180110M3_47, Date: 11-Jan-2018, Time: 17:57:04, ID: 1701896-11 WT1712041645JM 0.26526, Description: WT1712041645JM

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701896-11 WT1712041645JM 0.26526	7.47e3	72.3	NO
2	2 13C5-PFHxA	1701896-11 WT1712041645JM 0.26526	9.16e3	74.6	NO
3	3 13C3-PFHxS	1701896-11 WT1712041645JM 0.26526	2.31e3	78.4	NO
4	4 13C8-PFOA	1701896-11 WT1712041645JM 0.26526	9.25e3	76.0	NO
5	5 13C9-PFNA	1701896-11 WT1712041645JM 0.26526	8.67e3	75.4	NO
6	6 13C4-PFOS	1701896-11 WT1712041645JM 0.26526	2.24e3	79.8	NO
7	7 13C6-PFDA	1701896-11 WT1712041645JM 0.26526	4.64e3	67.5	NO
8	8 13C7-PFUDa	1701896-11 WT1712041645JM 0.26526	8.41e3	82.9	NO

Name: 180110M3_48, Date: 11-Jan-2018, Time: 18:08:18, ID: 1701896-12 WR1712050835JM 0.26075, Description: WR1712050835JM

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701896-12 WR1712050835JM 0.26075	6.53e3	63.2	NO
2	2 13C5-PFHxA	1701896-12 WR1712050835JM 0.26075	8.44e3	68.7	NO
3	3 13C3-PFHxS	1701896-12 WR1712050835JM 0.26075	2.11e3	71.8	NO
4	4 13C8-PFOA	1701896-12 WR1712050835JM 0.26075	7.52e3	61.8	NO
5	5 13C9-PFNA	1701896-12 WR1712050835JM 0.26075	7.74e3	67.3	NO
6	6 13C4-PFOS	1701896-12 WR1712050835JM 0.26075	2.33e3	82.9	NO
7	7 13C6-PFDA	1701896-12 WR1712050835JM 0.26075	4.20e3	61.1	NO
8	8 13C7-PFUDa	1701896-12 WR1712050835JM 0.26075	7.23e3	71.3	NO

Name: 180110M3_49, Date: 11-Jan-2018, Time: 18:19:34, ID: 1701896-13 WT1712050920JM 0.25985, Description: WT1712050920JM

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701896-13 WT1712050920JM 0.25985	6.99e3	67.6	NO
2	2 13C5-PFHxA	1701896-13 WT1712050920JM 0.25985	8.21e3	66.8	NO
3	3 13C3-PFHxS	1701896-13 WT1712050920JM 0.25985	2.20e3	74.8	NO
4	4 13C8-PFOA	1701896-13 WT1712050920JM 0.25985	7.59e3	62.3	NO
5	5 13C9-PFNA	1701896-13 WT1712050920JM 0.25985	8.00e3	69.5	NO
6	6 13C4-PFOS	1701896-13 WT1712050920JM 0.25985	2.21e3	78.5	NO
7	7 13C6-PFDA	1701896-13 WT1712050920JM 0.25985	4.19e3	60.9	NO
8	8 13C7-PFUDa	1701896-13 WT1712050920JM 0.25985	6.78e3	66.9	NO

Name: 180110M3_50, Date: 11-Jan-2018, Time: 18:30:45, ID: 1701896-14 FB1712050940JM 0.26706, Description: FB1712050940JM

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701896-14 FB1712050940JM 0.26706	6.14e3	59.4	NO
2	2 13C5-PFHxA	1701896-14 FB1712050940JM 0.26706	7.59e3	61.8	NO
3	3 13C3-PFHxS	1701896-14 FB1712050940JM 0.26706	2.21e3	75.2	NO
4	4 13C8-PFOA	1701896-14 FB1712050940JM 0.26706	6.99e3	57.4	NO
5	5 13C9-PFNA	1701896-14 FB1712050940JM 0.26706	7.71e3	67.0	NO
6	6 13C4-PFOS	1701896-14 FB1712050940JM 0.26706	1.98e3	70.5	NO
7	7 13C6-PFDA	1701896-14 FB1712050940JM 0.26706	4.45e3	64.8	NO
8	8 13C7-PFUDa	1701896-14 FB1712050940JM 0.26706	7.03e3	69.3	NO

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Name: 180110M3_51, Date: 11-Jan-2018, Time: 18:41:56, ID: 1701896-15 WT1712050945JM 0.26049, Description: WT1712050945JM

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701896-15 WT1712050945JM 0.26049	6.36e3	61.5	NO
2	2 13C5-PFHxA	1701896-15 WT1712050945JM 0.26049	7.79e3	63.4	NO
3	3 13C3-PFHxS	1701896-15 WT1712050945JM 0.26049	2.38e3	80.9	NO
4	4 13C8-PFOA	1701896-15 WT1712050945JM 0.26049	7.23e3	59.4	NO
5	5 13C9-PFNA	1701896-15 WT1712050945JM 0.26049	7.55e3	65.7	NO
6	6 13C4-PFOS	1701896-15 WT1712050945JM 0.26049	2.20e3	78.4	NO
7	7 13C6-PFDA	1701896-15 WT1712050945JM 0.26049	4.13e3	60.1	NO
8	8 13C7-PFUDa	1701896-15 WT1712050945JM 0.26049	6.10e3	60.1	NO

Name: 180110M3_52, Date: 11-Jan-2018, Time: 18:53:06, ID: 1701896-16 WT1712051000JM 0.26777, Description: WT1712051000JM

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701896-16 WT1712051000JM 0.26777	7.38e3	71.4	NO
2	2 13C5-PFHxA	1701896-16 WT1712051000JM 0.26777	9.36e3	76.2	NO
3	3 13C3-PFHxS	1701896-16 WT1712051000JM 0.26777	2.08e3	70.8	NO
4	4 13C8-PFOA	1701896-16 WT1712051000JM 0.26777	8.92e3	73.2	NO
5	5 13C9-PFNA	1701896-16 WT1712051000JM 0.26777	8.61e3	74.8	NO
6	6 13C4-PFOS	1701896-16 WT1712051000JM 0.26777	1.69e3	60.1	NO
7	7 13C6-PFDA	1701896-16 WT1712051000JM 0.26777	6.47e3	94.2	NO
8	8 13C7-PFUDa	1701896-16 WT1712051000JM 0.26777	6.99e3	68.9	NO

Name: 180110M3_53, Date: 11-Jan-2018, Time: 19:04:17, ID: 1701896-17 WT1712051035JM 0.26811, Description: WT1712051035JM

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701896-17 WT1712051035JM 0.26811	6.97e3	67.4	NO
2	2 13C5-PFHxA	1701896-17 WT1712051035JM 0.26811	8.31e3	67.7	NO
3	3 13C3-PFHxS	1701896-17 WT1712051035JM 0.26811	2.22e3	75.4	NO
4	4 13C8-PFOA	1701896-17 WT1712051035JM 0.26811	7.36e3	60.4	NO
5	5 13C9-PFNA	1701896-17 WT1712051035JM 0.26811	8.55e3	74.3	NO
6	6 13C4-PFOS	1701896-17 WT1712051035JM 0.26811	2.92e3	103.7	NO
7	7 13C6-PFDA	1701896-17 WT1712051035JM 0.26811	4.84e3	70.5	NO
8	8 13C7-PFUDa	1701896-17 WT1712051035JM 0.26811	6.42e3	63.3	NO

Name: 180110M3_54, Date: 11-Jan-2018, Time: 19:15:27, ID: 1701896-18 WT1712051055JM 0.26798, Description: WT1712051055JM

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701896-18 WT1712051055JM 0.26798	6.39e3	61.8	NO
2	2 13C5-PFHxA	1701896-18 WT1712051055JM 0.26798	7.27e3	59.2	NO
3	3 13C3-PFHxS	1701896-18 WT1712051055JM 0.26798	2.31e3	78.4	NO
4	4 13C8-PFOA	1701896-18 WT1712051055JM 0.26798	7.37e3	60.5	NO
5	5 13C9-PFNA	1701896-18 WT1712051055JM 0.26798	7.46e3	64.9	NO
6	6 13C4-PFOS	1701896-18 WT1712051055JM 0.26798	2.27e3	80.6	NO
7	7 13C6-PFDA	1701896-18 WT1712051055JM 0.26798	3.84e3	55.9	NO
8	8 13C7-PFUDa	1701896-18 WT1712051055JM 0.26798	5.56e3	54.8	NO

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Name: 180110M3_55, Date: 11-Jan-2018, Time: 19:26:38, ID: 1701896-19 WT1712051115JM 0.26037, Description: WT1712051115JM

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701896-19 WT1712051115JM 0.26037	6.47e3	62.6	NO
2	2 13C5-PFHxA	1701896-19 WT1712051115JM 0.26037	8.07e3	65.7	NO
3	3 13C3-PFHxS	1701896-19 WT1712051115JM 0.26037	2.20e3	74.6	NO
4	4 13C8-PFOA	1701896-19 WT1712051115JM 0.26037	7.23e3	59.3	NO
5	5 13C9-PFNA	1701896-19 WT1712051115JM 0.26037	8.24e3	71.6	NO
6	6 13C4-PFOS	1701896-19 WT1712051115JM 0.26037	2.56e3	91.0	NO
7	7 13C6-PFDA	1701896-19 WT1712051115JM 0.26037	4.33e3	62.9	NO
8	8 13C7-PFUDa	1701896-19 WT1712051115JM 0.26037	7.51e3	74.1	NO

Name: 180110M3_56, Date: 11-Jan-2018, Time: 19:37:49, 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: 180110M3_57, Date: 11-Jan-2018, Time: 19:49:00, ID: ST180110M3-12 PFC CS3 17L2611, Description: PFC CS3 17L2611

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180110M3-12 PFC CS3 17L2611	1.13e4	109.0	NO
2	2 13C5-PFHxA	ST180110M3-12 PFC CS3 17L2611	1.41e4	115.2	NO
3	3 13C3-PFHxS	ST180110M3-12 PFC CS3 17L2611	3.50e3	118.9	NO
4	4 13C8-PFOA	ST180110M3-12 PFC CS3 17L2611	1.17e4	96.3	NO
5	5 13C9-PFNA	ST180110M3-12 PFC CS3 17L2611	1.21e4	105.3	NO
6	6 13C4-PFOS	ST180110M3-12 PFC CS3 17L2611	3.42e3	121.7	NO
7	7 13C6-PFDA	ST180110M3-12 PFC CS3 17L2611	8.74e3	127.2	NO
8	8 13C7-PFUDa	ST180110M3-12 PFC CS3 17L2611	1.15e4	113.5	NO

Name: 180110M3_58, Date: 11-Jan-2018, Time: 20:00:10, 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

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Name: 180110M3_59, Date: 11-Jan-2018, Time: 20:11:21, ID: 1701852-01 IR03-MW034-C2-17D 0.26646, Description: IR03-MW034-C2-17D

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701852-01 IR03-MW034-C2-17D 0.26...	5.37e3		NO
2	2 13C5-PFHxA	1701852-01 IR03-MW034-C2-17D 0.26...	6.06e3		NO
3	3 13C3-PFHxS	1701852-01 IR03-MW034-C2-17D 0.26...	1.39e3		NO
4	4 13C8-PFOA	1701852-01 IR03-MW034-C2-17D 0.26...	5.01e3		NO
5	5 13C9-PFNA	1701852-01 IR03-MW034-C2-17D 0.26...	7.38e3		NO
6	6 13C4-PFOS	1701852-01 IR03-MW034-C2-17D 0.26...	1.61e3		NO
7	7 13C6-PFDA	1701852-01 IR03-MW034-C2-17D 0.26...	5.07e3		NO
8	8 13C7-PFUDa	1701852-01 IR03-MW034-C2-17D 0.26...	6.50e3		NO

Name: 180110M3_60, Date: 11-Jan-2018, Time: 20:22:32, ID: 1701852-02 IR03-MW018B-C1-17D 0.25583, Description: IR03-MW018B-C1-17D

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701852-02 IR03-MW018B-C1-17D 0.2...	5.72e3		NO
2	2 13C5-PFHxA	1701852-02 IR03-MW018B-C1-17D 0.2...	6.82e3		NO
3	3 13C3-PFHxS	1701852-02 IR03-MW018B-C1-17D 0.2...	1.74e3		NO
4	4 13C8-PFOA	1701852-02 IR03-MW018B-C1-17D 0.2...	6.30e3		NO
5	5 13C9-PFNA	1701852-02 IR03-MW018B-C1-17D 0.2...	5.40e3		NO
6	6 13C4-PFOS	1701852-02 IR03-MW018B-C1-17D 0.2...	1.40e3		NO
7	7 13C6-PFDA	1701852-02 IR03-MW018B-C1-17D 0.2...	3.95e3		NO
8	8 13C7-PFUDa	1701852-02 IR03-MW018B-C1-17D 0.2...	5.71e3		NO

Name: 180110M3_61, Date: 11-Jan-2018, Time: 20:33:42, ID: 1701852-03 IR03-MW018A-C2-17D 0.26605, Description: IR03-MW018A-C2-17D

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701852-03 IR03-MW018A-C2-17D 0.2...	5.96e3		NO
2	2 13C5-PFHxA	1701852-03 IR03-MW018A-C2-17D 0.2...	6.68e3		NO
3	3 13C3-PFHxS	1701852-03 IR03-MW018A-C2-17D 0.2...	1.58e3		NO
4	4 13C8-PFOA	1701852-03 IR03-MW018A-C2-17D 0.2...	6.73e3		NO
5	5 13C9-PFNA	1701852-03 IR03-MW018A-C2-17D 0.2...	7.16e3		NO
6	6 13C4-PFOS	1701852-03 IR03-MW018A-C2-17D 0.2...	1.28e3		NO
7	7 13C6-PFDA	1701852-03 IR03-MW018A-C2-17D 0.2...	3.41e3		NO
8	8 13C7-PFUDa	1701852-03 IR03-MW018A-C2-17D 0.2...	5.92e3		NO

Name: 180110M3_62, Date: 11-Jan-2018, Time: 20:44:53, ID: 1701896-20 WT1712051130JM 0.26351, Description: WT1712051130JM

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701896-20 WT1712051130JM 0.26351	6.77e3	65.5	NO
2	2 13C5-PFHxA	1701896-20 WT1712051130JM 0.26351	8.09e3	65.8	NO
3	3 13C3-PFHxS	1701896-20 WT1712051130JM 0.26351	2.15e3	73.1	NO
4	4 13C8-PFOA	1701896-20 WT1712051130JM 0.26351	7.60e3	62.4	NO
5	5 13C9-PFNA	1701896-20 WT1712051130JM 0.26351	9.11e3	79.2	NO
6	6 13C4-PFOS	1701896-20 WT1712051130JM 0.26351	2.01e3	71.4	NO
7	7 13C6-PFDA	1701896-20 WT1712051130JM 0.26351	5.89e3	85.7	NO
8	8 13C7-PFUDa	1701896-20 WT1712051130JM 0.26351	7.83e3	77.2	NO

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Name: 180110M3_63, Date: 11-Jan-2018, Time: 20:56:04, ID: 1701892-01 Soil-B109 1.21, Description: Soil-B109

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701892-01 Soil-B109 1.21	6.29e3	60.9	NO
2	2 13C5-PFHxA	1701892-01 Soil-B109 1.21	8.12e3	66.1	NO
3	3 13C3-PFHxS	1701892-01 Soil-B109 1.21	2.22e3	75.4	NO
4	4 13C8-PFOA	1701892-01 Soil-B109 1.21	7.27e3	59.7	NO
5	5 13C9-PFNA	1701892-01 Soil-B109 1.21	7.91e3	68.8	NO
6	6 13C4-PFOS	1701892-01 Soil-B109 1.21	1.97e3	70.0	NO
7	7 13C6-PFDA	1701892-01 Soil-B109 1.21	5.73e3	83.4	NO
8	8 13C7-PFUDa	1701892-01 Soil-B109 1.21	7.62e3	75.1	NO

Name: 180110M3_64, Date: 11-Jan-2018, Time: 21:07:15, ID: 1701892-02 Soil-S134 1.28, Description: Soil-S134

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701892-02 Soil-S134 1.28	5.93e3	57.3	NO
2	2 13C5-PFHxA	1701892-02 Soil-S134 1.28	7.37e3	60.0	NO
3	3 13C3-PFHxS	1701892-02 Soil-S134 1.28	1.96e3	66.7	NO
4	4 13C8-PFOA	1701892-02 Soil-S134 1.28	6.59e3	54.1	NO
5	5 13C9-PFNA	1701892-02 Soil-S134 1.28	6.00e3	52.2	NO
6	6 13C4-PFOS	1701892-02 Soil-S134 1.28	2.06e3	73.2	NO
7	7 13C6-PFDA	1701892-02 Soil-S134 1.28	4.40e3	64.0	NO
8	8 13C7-PFUDa	1701892-02 Soil-S134 1.28	6.22e3	61.3	NO

Name: 180110M3_65, Date: 11-Jan-2018, Time: 21:18:25, ID: 1701892-03 Soil-S150 1.1, Description: Soil-S150

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701892-03 Soil-S150 1.1	5.13e3	49.6	YES
2	2 13C5-PFHxA	1701892-03 Soil-S150 1.1	5.60e3	45.6	YES
3	3 13C3-PFHxS	1701892-03 Soil-S150 1.1	1.67e3	56.8	NO
4	4 13C8-PFOA	1701892-03 Soil-S150 1.1	6.51e3	53.4	NO
5	5 13C9-PFNA	1701892-03 Soil-S150 1.1	7.60e3	66.1	NO
6	6 13C4-PFOS	1701892-03 Soil-S150 1.1	1.71e3	61.0	NO
7	7 13C6-PFDA	1701892-03 Soil-S150 1.1	4.07e3	59.2	NO
8	8 13C7-PFUDa	1701892-03 Soil-S150 1.1	6.04e3	59.5	NO

Name: 180110M3_66, Date: 11-Jan-2018, Time: 21:29:36, ID: 1701892-04 Soil-B113 1.13, Description: Soil-B113

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701892-04 Soil-B113 1.13	5.93e3	57.3	NO
2	2 13C5-PFHxA	1701892-04 Soil-B113 1.13	7.26e3	59.1	NO
3	3 13C3-PFHxS	1701892-04 Soil-B113 1.13	2.00e3	67.9	NO
4	4 13C8-PFOA	1701892-04 Soil-B113 1.13	6.73e3	55.3	NO
5	5 13C9-PFNA	1701892-04 Soil-B113 1.13	7.70e3	67.0	NO
6	6 13C4-PFOS	1701892-04 Soil-B113 1.13	2.16e3	76.8	NO
7	7 13C6-PFDA	1701892-04 Soil-B113 1.13	5.21e3	75.9	NO
8	8 13C7-PFUDa	1701892-04 Soil-B113 1.13	6.47e3	63.8	NO

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Name: 180110M3_67, Date: 11-Jan-2018, Time: 21:40:47, ID: 1701905-03RE1@20X WINF1712061655JLB 0.25, Description: WINF1712061655JLB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701905-03RE1@20X WINF17120616...	2.25e2	2.2	YES
2	2 13C5-PFHxA	1701905-03RE1@20X WINF17120616...	2.24e2	1.8	YES
3	3 13C3-PFHxS	1701905-03RE1@20X WINF17120616...	6.95e1	2.4	YES
4	4 13C8-PFOA	1701905-03RE1@20X WINF17120616...	2.54e2	2.1	YES
5	5 13C9-PFNA	1701905-03RE1@20X WINF17120616...	2.04e2	1.8	YES
6	6 13C4-PFOS	1701905-03RE1@20X WINF17120616...	3.92e1	1.4	YES
7	7 13C6-PFDA	1701905-03RE1@20X WINF17120616...	7.16e1	1.0	YES
8	8 13C7-PFUdA	1701905-03RE1@20X WINF17120616...	1.94e2	1.9	YES

Name: 180110M3_68, Date: 11-Jan-2018, Time: 21:51:57, ID: 1701905-03RE1@10X WINF1712061655JLB 0.25, Description: WINF1712061655JLB

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701905-03RE1@10X WINF17120616...	5.44e2	5.3	YES
2	2 13C5-PFHxA	1701905-03RE1@10X WINF17120616...	7.29e2	5.9	YES
3	3 13C3-PFHxS	1701905-03RE1@10X WINF17120616...	1.43e2	4.9	YES
4	4 13C8-PFOA	1701905-03RE1@10X WINF17120616...	5.36e2	4.4	YES
5	5 13C9-PFNA	1701905-03RE1@10X WINF17120616...	6.18e2	5.4	YES
6	6 13C4-PFOS	1701905-03RE1@10X WINF17120616...	9.75e1	3.5	YES
7	7 13C6-PFDA	1701905-03RE1@10X WINF17120616...	3.86e2	5.6	YES
8	8 13C7-PFUdA	1701905-03RE1@10X WINF17120616...	5.56e2	5.5	YES

Name: 180110M3_69, Date: 11-Jan-2018, Time: 22:03:08, 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: 180110M3_70, Date: 11-Jan-2018, Time: 22:14:18, ID: ST180110M3-13 PFC CS3 17L2611, Description: PFC CS3 17L2611

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180110M3-13 PFC CS3 17L2611	1.17e4	113.5	NO
2	2 13C5-PFHxA	ST180110M3-13 PFC CS3 17L2611	1.30e4	105.6	NO
3	3 13C3-PFHxS	ST180110M3-13 PFC CS3 17L2611	3.53e3	119.8	NO
4	4 13C8-PFOA	ST180110M3-13 PFC CS3 17L2611	1.16e4	94.9	NO
5	5 13C9-PFNA	ST180110M3-13 PFC CS3 17L2611	1.39e4	121.2	NO
6	6 13C4-PFOS	ST180110M3-13 PFC CS3 17L2611	3.53e3	125.4	NO
7	7 13C6-PFDA	ST180110M3-13 PFC CS3 17L2611	8.72e3	126.9	NO
8	8 13C7-PFUdA	ST180110M3-13 PFC CS3 17L2611	1.03e4	101.8	NO

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Name: 180110M3_71, Date: 11-Jan-2018, Time: 22:25:30, 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: 180110M3_72, Date: 11-Jan-2018, Time: 22:36:43, ID: 1701898-11 SP-EQBK-01 0.11933, Description: SP-EQBK-01

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701898-11 SP-EQBK-01 0.11933	4.19e3		NO
2	2 13C5-PFHxA	1701898-11 SP-EQBK-01 0.11933	5.40e3		NO
3	3 13C3-PFHxS	1701898-11 SP-EQBK-01 0.11933	1.25e3		NO
4	4 13C8-PFOA	1701898-11 SP-EQBK-01 0.11933	5.03e3		NO
5	5 13C9-PFNA	1701898-11 SP-EQBK-01 0.11933	4.94e3		NO
6	6 13C4-PFOS	1701898-11 SP-EQBK-01 0.11933	1.57e3		NO
7	7 13C6-PFDA	1701898-11 SP-EQBK-01 0.11933	3.20e3		NO
8	8 13C7-PFUdA	1701898-11 SP-EQBK-01 0.11933	4.32e3		NO

Name: 180110M3_73, Date: 11-Jan-2018, Time: 22:47:52, ID: 1701879-01 MTBE_15025 0.24122, Description: MTBE_15025

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701879-01 MTBE_15025 0.24122	6.39e3		NO
2	2 13C5-PFHxA	1701879-01 MTBE_15025 0.24122	7.63e3		NO
3	3 13C3-PFHxS	1701879-01 MTBE_15025 0.24122	1.97e3		NO
4	4 13C8-PFOA	1701879-01 MTBE_15025 0.24122	7.25e3		NO
5	5 13C9-PFNA	1701879-01 MTBE_15025 0.24122	7.19e3		NO
6	6 13C4-PFOS	1701879-01 MTBE_15025 0.24122	1.92e3		NO
7	7 13C6-PFDA	1701879-01 MTBE_15025 0.24122	5.27e3		NO
8	8 13C7-PFUdA	1701879-01 MTBE_15025 0.24122	6.12e3		NO

Name: 180110M3_74, Date: 11-Jan-2018, Time: 22:59:02, 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

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Name: 180110M3_75, Date: 11-Jan-2018, Time: 23:10:13, ID: ST180110M3-14 PFC CS3 17L2611, Description: PFC CS3 17L2611

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180110M3-14 PFC CS3 17L2611	1.15e4	111.3	NO
2	2 13C5-PFHxA	ST180110M3-14 PFC CS3 17L2611	1.33e4	108.7	NO
3	3 13C3-PFHxS	ST180110M3-14 PFC CS3 17L2611	3.06e3	103.8	NO
4	4 13C8-PFOA	ST180110M3-14 PFC CS3 17L2611	1.31e4	107.5	NO
5	5 13C9-PFNA	ST180110M3-14 PFC CS3 17L2611	1.21e4	105.4	NO
6	6 13C4-PFOS	ST180110M3-14 PFC CS3 17L2611	3.59e3	127.6	NO
7	7 13C6-PFDA	ST180110M3-14 PFC CS3 17L2611	7.35e3	107.0	NO
8	8 13C7-PFUDa	ST180110M3-14 PFC CS3 17L2611	1.07e4	105.5	NO

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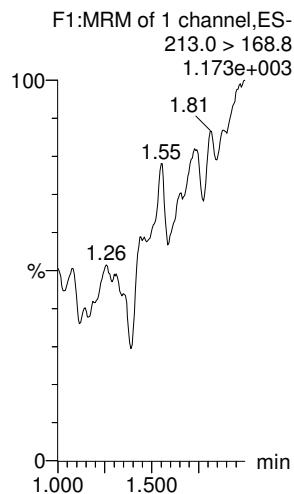
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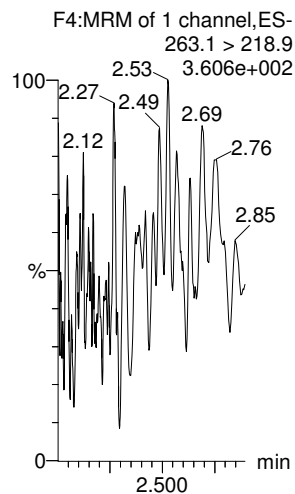
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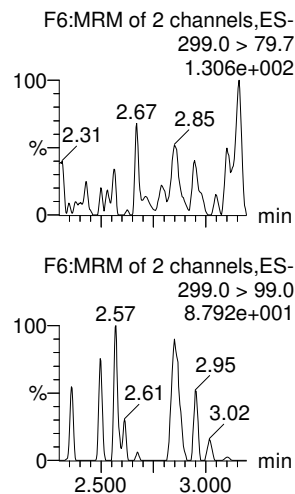
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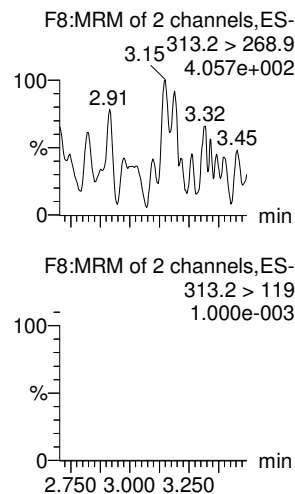
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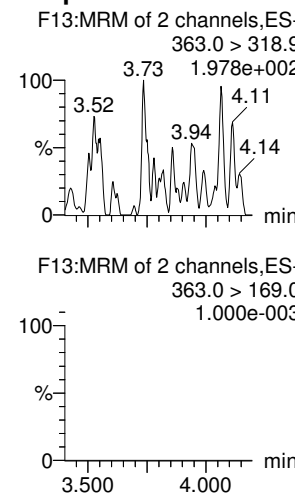
PFBS



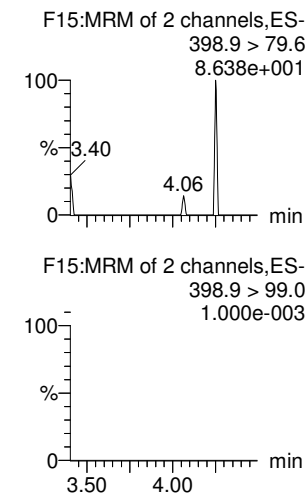
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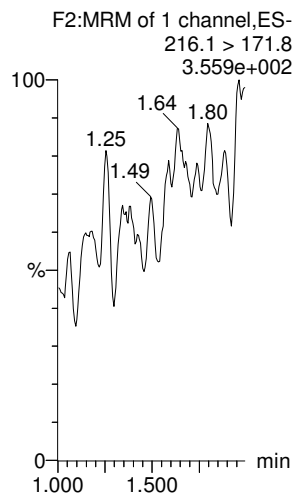
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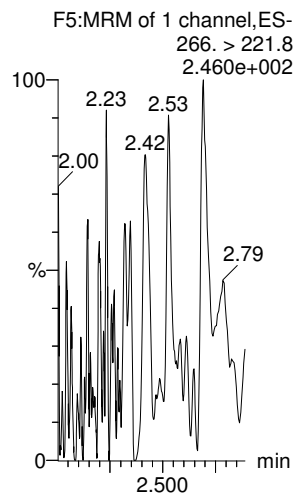
L-PFHxS



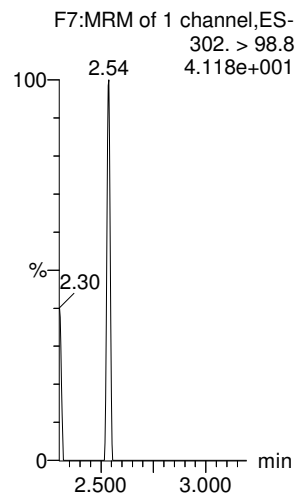
13C3-PFBA



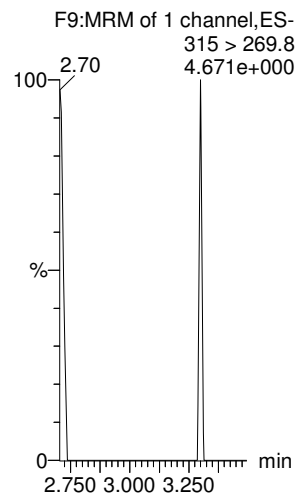
13C3-PFPeA



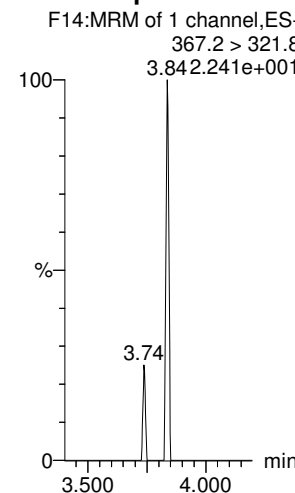
13C3-PFBS



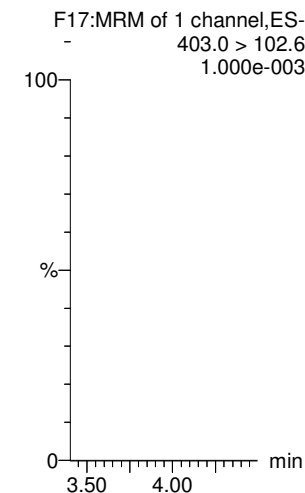
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



Dataset: U:\Q4.PRO\results\180110M2\180110M2-2.qld

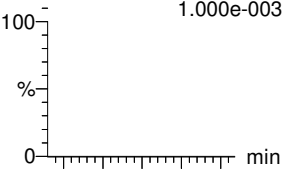
Last Altered: Thursday, January 11, 2018 09:03:04 Pacific Standard Time

Printed: Tuesday, January 16, 2018 08:20:09 Pacific Standard Time

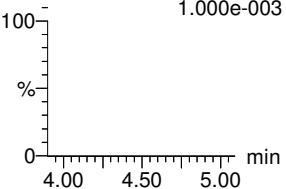
Name: 180110M2_2, Date: 10-Jan-2018, Time: 15:35:32, ID: IPA, Description: IPA

6:2 FTS

F21:MRM of 2 channels,ES-
427.1 > 407
1.000e-003

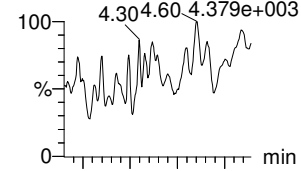


F21:MRM of 2 channels,ES-
427.1 > 80
1.000e-003

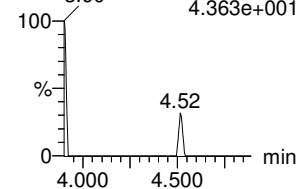


L-PFOA

F18:MRM of 2 channels,ES-
413 > 368.7
4.304.604.379e+003

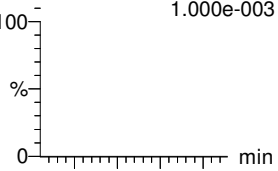


F18:MRM of 2 channels,ES-
413 > 169
4.363e+001

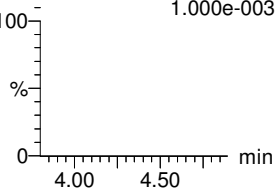


PFHpS

F23:MRM of 2 channels,ES-
449 > 80.0
1.000e-003

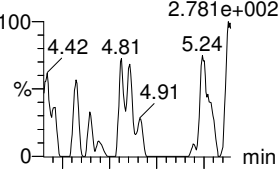


F23:MRM of 2 channels,ES-
449 > 98.7
1.000e-003

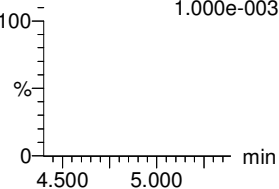


PFNA

F24:MRM of 2 channels,ES-
463.0 > 418.8
2.781e+002

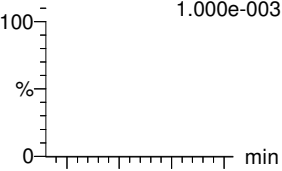


F24:MRM of 2 channels,ES-
463.0 > 219.0
1.000e-003

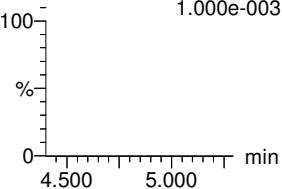


PFOSA

F27:MRM of 2 channels,ES-
498.1 > 77.8
1.000e-003

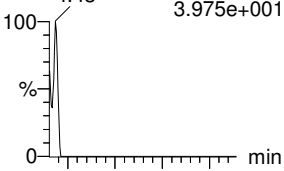


F27:MRM of 2 channels,ES-
498.1 > 478
1.000e-003

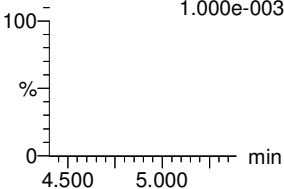


L-PFOS

F29:MRM of 2 channels,ES-
499 > 79.9
3.975e+001

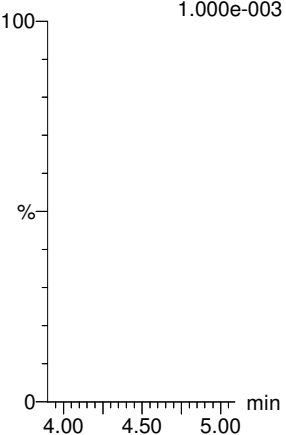


F29:MRM of 2 channels,ES-
499 > 99
1.000e-003



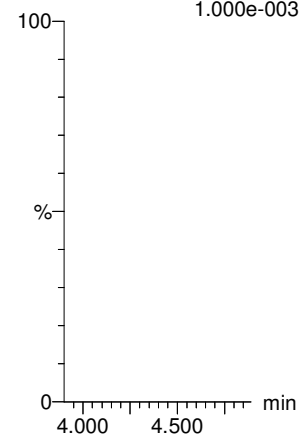
13C2-6:2 FTS

F22:MRM of 1 channel,ES-
429.1 > 408.9
1.000e-003



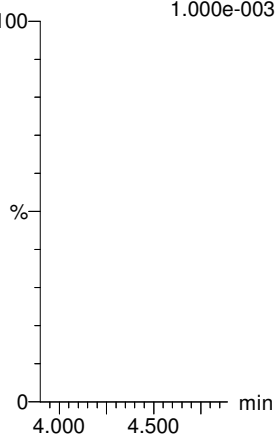
13C2-PFOA

F19:MRM of 1 channel,ES-
414.9 > 369.7
1.000e-003



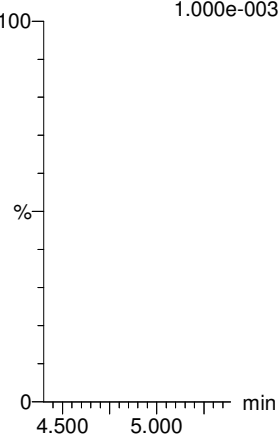
13C2-PFOA

F19:MRM of 1 channel,ES-
414.9 > 369.7
1.000e-003



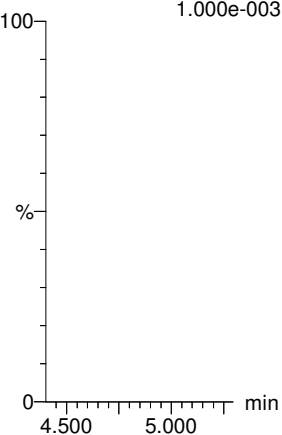
13C5-PFNA

F25:MRM of 1 channel,ES-
468.2 > 422.9
1.000e-003



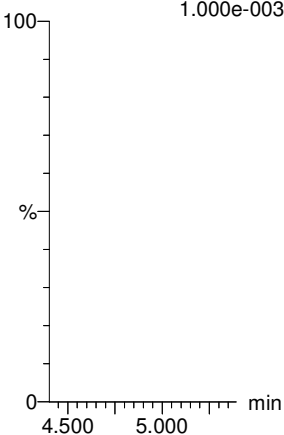
13C8-PFOA

F31:MRM of 1 channel,ES-
506.1 > 77.7
1.000e-003



13C8-PFOS

F32:MRM of 1 channel,ES-
507.0 > 79.9
1.000e-003



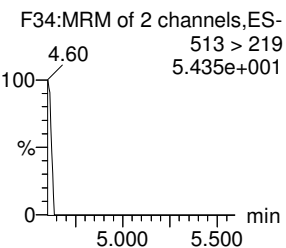
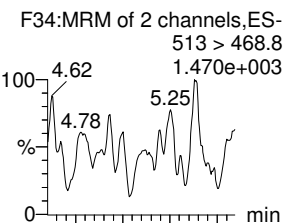
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Last Altered: Thursday, January 11, 2018 09:03:04 Pacific Standard Time

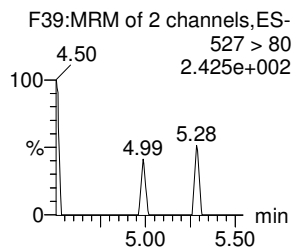
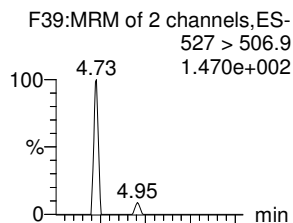
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Name: 180110M2_2, Date: 10-Jan-2018, Time: 15:35:32, ID: IPA, Description: IPA

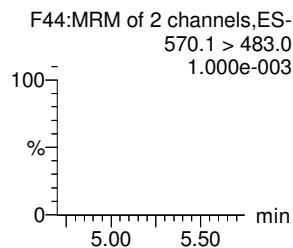
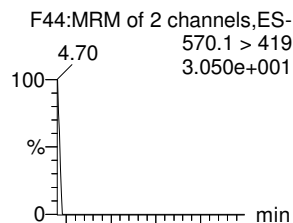
PFDA



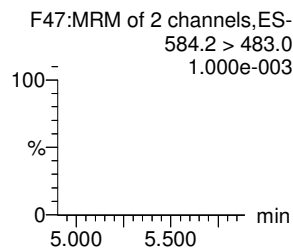
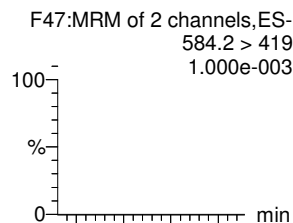
8:2 FTS



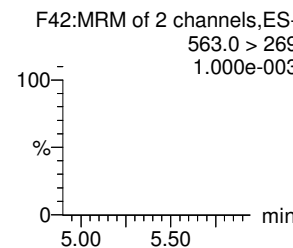
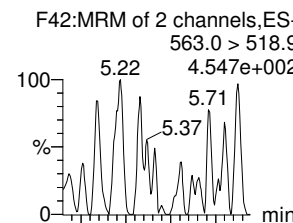
N-MeFOSAA



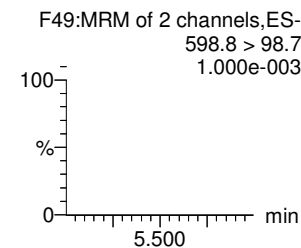
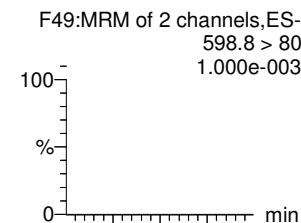
N-EtFOSAA



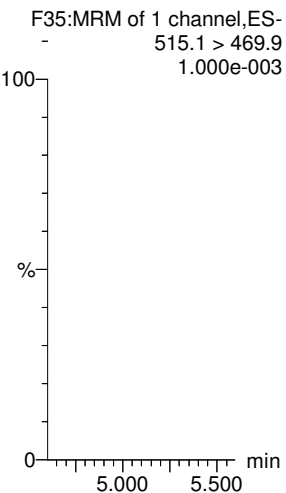
PFUdA



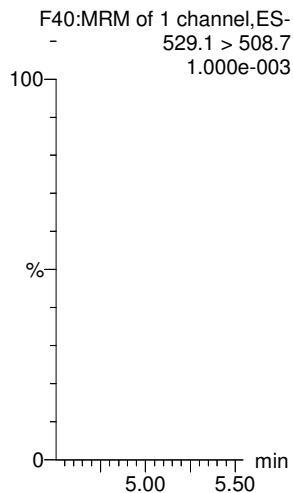
PFDS



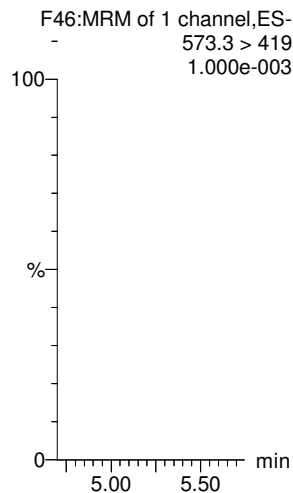
13C2-PFDA



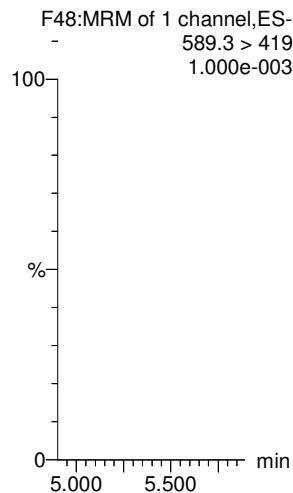
13C2-8:2 FTS



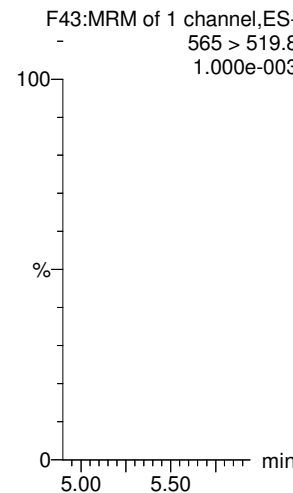
d3-N-MeFOSAA



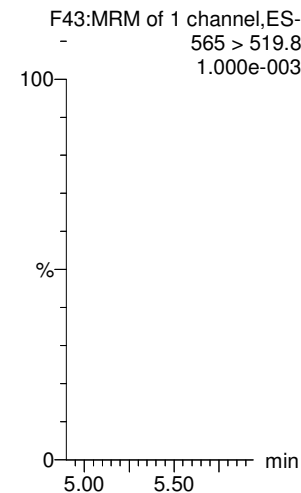
d5-N-EtFOSAA



13C2-PFUdA



13C2-PFUdA



Dataset: U:\Q4.PRO\results\180110M2\180110M2-2.qld

Last Altered: Thursday, January 11, 2018 09:03:04 Pacific Standard Time

Printed: Tuesday, January 16, 2018 08:20:09 Pacific Standard Time

Name: 180110M2_2, Date: 10-Jan-2018, Time: 15:35:32, ID: IPA, Description: IPA

PFDoA

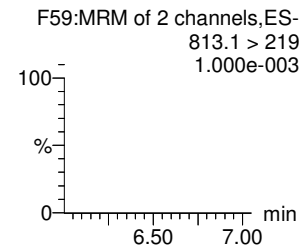
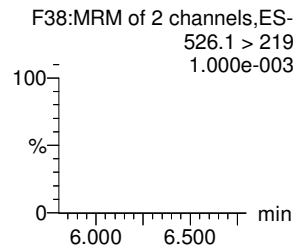
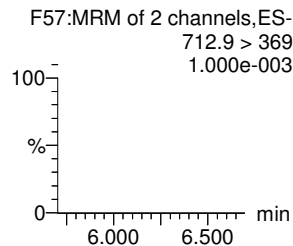
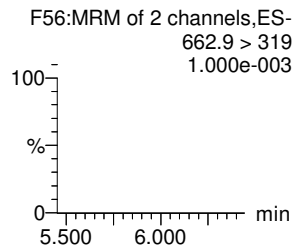
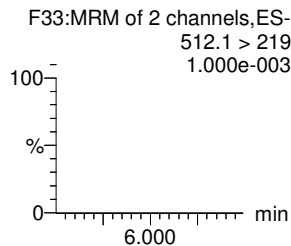
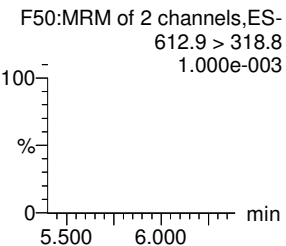
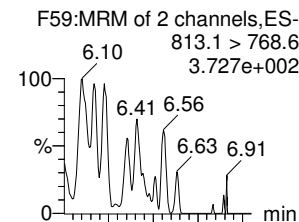
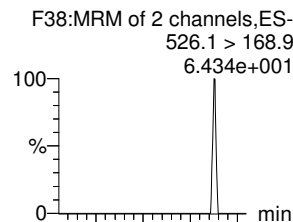
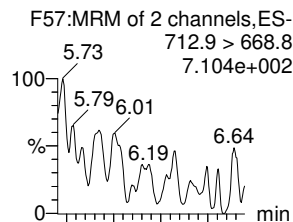
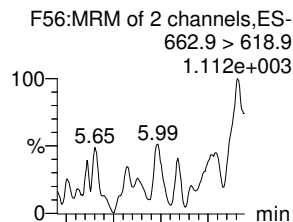
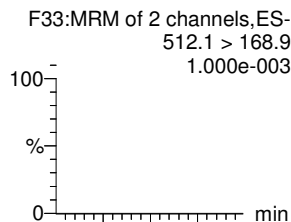
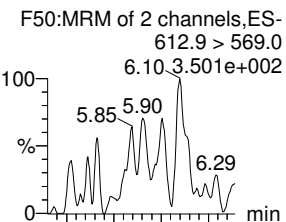
N-MeFOSA

PFTrDA

PFTeDA

N-EtFOSA

PFHxDA



13C2-PFDoA

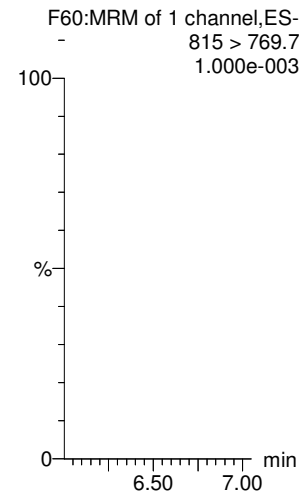
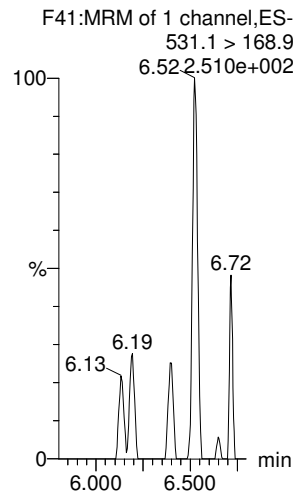
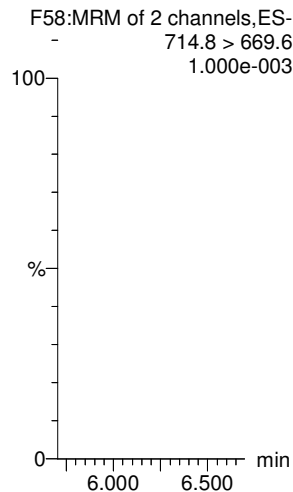
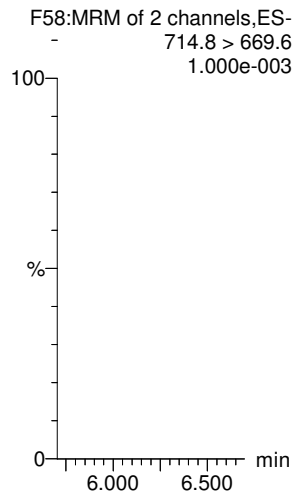
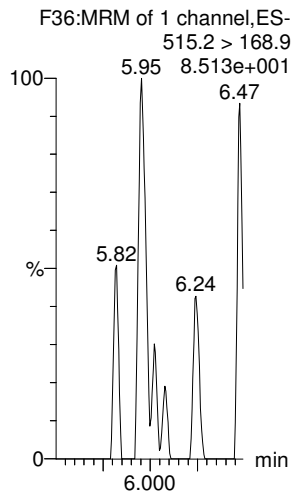
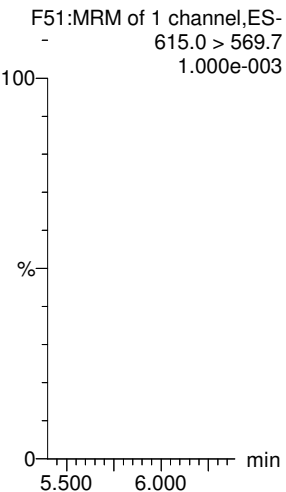
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13C2-PFTeDA

13C2-PFTeDA

d5-N-ETFOSA

13C2-PFHxDA



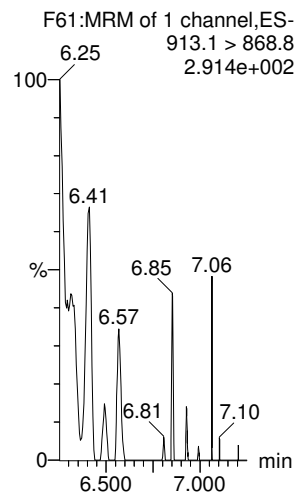
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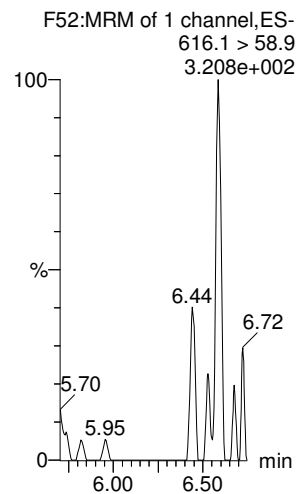
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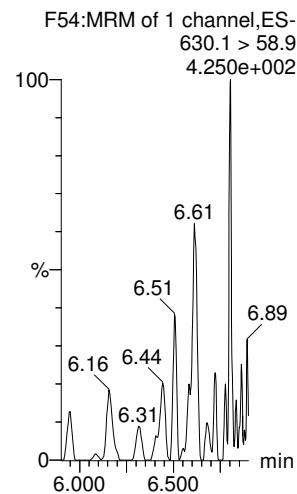
PFODA



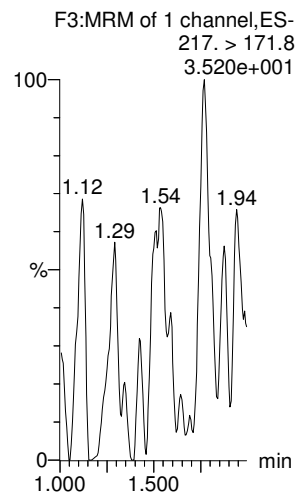
N-MeFOSE



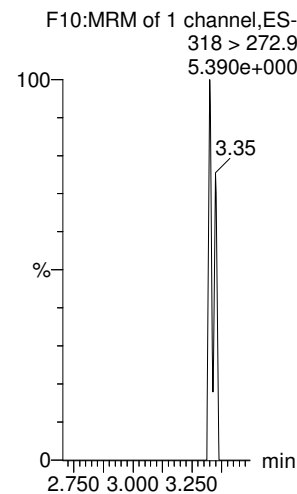
N-EtFOSE



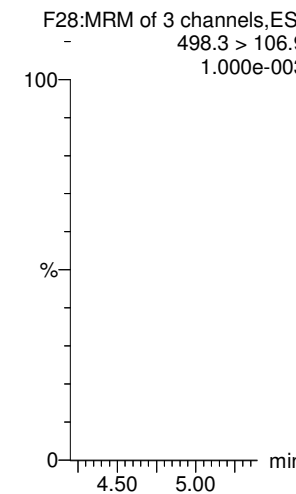
13C4-PFBA



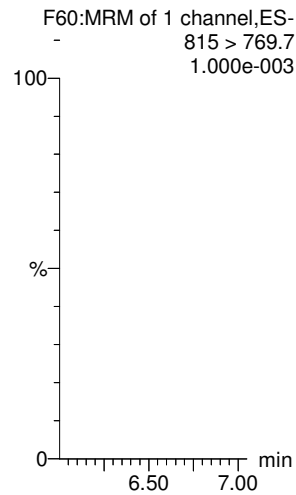
13C5-PFHxA



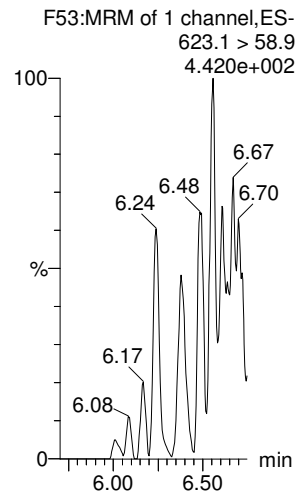
TCDA



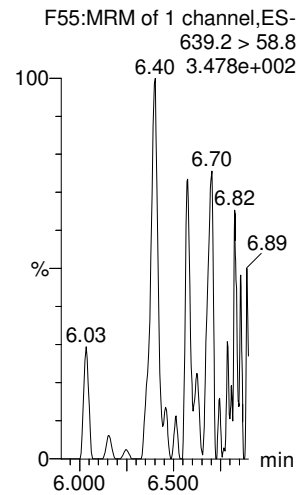
13C2-PFHxDA



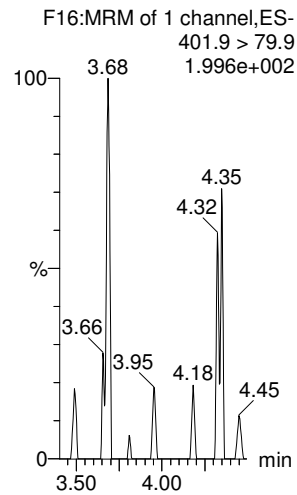
d7-N-MeFOSE



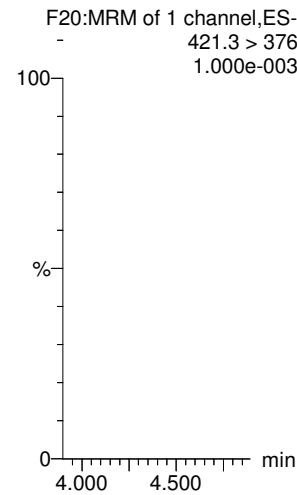
d9-N-EtFOSE



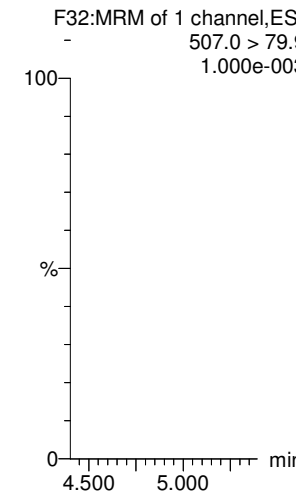
13C3-PFHxS



13C8-PFOA



13C8-PFOS



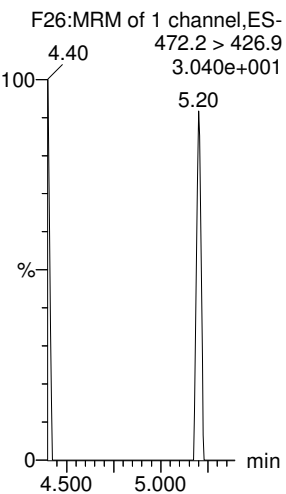
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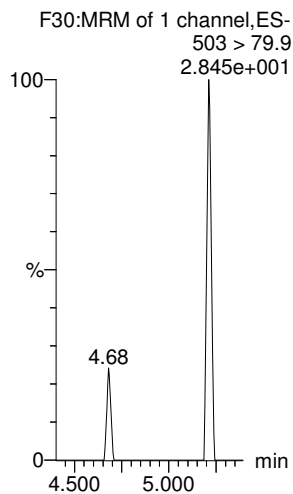
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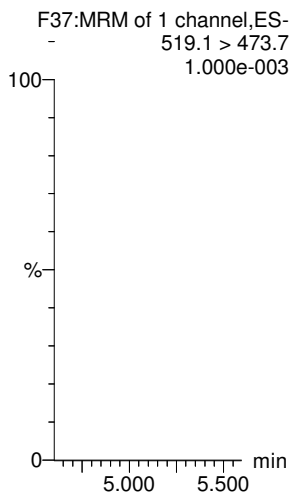
13C9-PFNA



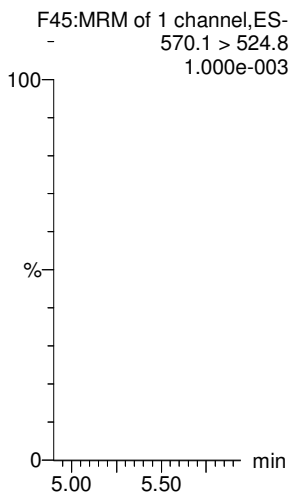
13C4-PFOS



13C6-PFDA



13C7-PFUDa



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Ⓢ DoA > 130%

Last Altered: Friday, January 12, 2018 11:26:07 Pacific Standard Time

Printed: Friday, January 12, 2018 11:26:27 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_010818C.mdb 11 Jan 2018 15:33:36

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_01-10-18-FULL-M3.cdb 11 Jan 2018 14:26:30

CP 1/12/18

JJA 01/12/2018

Name: 180110M3_57, Date: 11-Jan-2018, Time: 19:49:00, ID: ST180110M3-12 PFC CS3 17L2611, Description: PFC CS3 17L2611

#	Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Recovery	Out
1	1 PFBA	213.0 > 168.8	9.96e3	8.67e3		1.38	1.32	14.4	9.80	98.0	NO	
2	2 PFPeA	263.1 > 218.9	1.01e4	9.98e3		2.37	2.30	12.6	10.0	100.2	NO	
3	3 PFBS	299.0 > 79.7	2.41e3	1.44e3		2.66	2.59	21.0	9.84	98.4	NO	
4	4 PFHxA	313.2 > 268.9	1.19e4	3.36e3		3.15	3.08	17.8	9.17	91.7	NO	
5	5 PFHpA	363.0 > 318.9	1.03e4	7.57e3		3.78	3.71	17.1	10.4	103.8	NO	
6	6 L-PFHxS	398.9 > 79.6	1.62e3	1.02e3		3.94	3.85	20.0	9.53	95.3	NO	
7	8 6:2 FTS	427.1 > 407	2.02e3	1.02e3		4.25	4.17	24.9	8.20	82.0	NO	
8	9 L-PFOA	413 > 368.7	1.13e4	1.10e4		4.31	4.23	12.8	10.0	100.5	NO	
9	11 PFHpS	449 > 80.0	2.67e3	1.10e4		4.42	4.34	3.02	10.3	102.7	NO	
10	12 PFNA	463.0 > 418.8	1.31e4	9.31e3		4.81	4.66	17.7	12.5	124.5	NO	
11	13 PFOSA	498.1 > 77.8	3.20e3	2.64e3		4.87	4.72	15.1	11.5	115.5	NO	
12	14 L-PFOS	499 > 79.9	2.57e3	3.19e3		4.75	4.75	10.1	8.54	85.4	NO	
13	16 PFDA	513 > 468.8	1.09e4	9.12e3		5.18	5.04	15.0	9.21	92.1	NO	
14	17 8:2 FTS	527 > 506.9	2.24e3	9.12e3		5.15	5.01	3.06	9.69	96.9	NO	
15	18 N-MeFOSAA	570.1 > 419	5.89e3	2.94e3		5.32	5.19	25.0	12.6	125.8	NO	
16	19 N-EtFOSAA	584.2 > 419	4.66e3	4.05e3		5.48	5.35	14.4	9.41	94.1	NO	
17	20 PFUdA	563.0 > 518.9	9.92e3	9.29e3		5.50	5.36	13.3	10.1	101.1	NO	
18	21 PFDS	598.8 > 80	3.24e3	9.29e3		5.54	5.41	4.35	11.6	116.2	NO	
19	22 PFDoA	612.9 > 569.0	1.47e4	5.85e3		5.77	5.65	31.5	14.8	147.7	Ⓢ YES	
20	23 N-MeFOSA	512.1 > 168.9	6.41e3	1.66e4		5.80	5.72	58.0	52.5	105.1	NO	
21	24 PFTrDA	662.9 > 618.9	1.07e4	5.85e3		6.00	5.90	22.9	9.56	95.6	NO	
22	25 PFTeDA	712.9 > 668.8	6.11e3	2.67e3		6.22	6.11	28.6	9.70	97.0	NO	
23	26 N-EtFOSA	526.1 > 168.9	8.90e3	2.47e4		6.17	6.12	54.0	53.0	106.1	NO	
24	27 PFHxDA	813.1 > 768.6	4.09e3	2.01e3		6.53	6.44	10.2	10.4	103.8	NO	
25	28 PFODA	913.1 > 868.8	4.66e3	2.01e3		6.74	6.68	11.6	9.03	90.3	NO	
26	29 N-MeFOSE	616.1 > 58.9	8.52e3	2.46e4		6.27	6.28	52.0	45.0	89.9	NO	
27	30 N-EtFOSE	630.1 > 58.9	1.26e4	2.26e4		6.43	6.43	83.5	59.7	119.4	NO	
28	31 13C3-PFBA	216.1 > 171.8	8.67e3	1.13e4	0.764	1.38	1.32	9.61	12.6	100.7	NO	
29	32 13C3-PFPeA	266. > 221.8	9.98e3	1.41e4	0.730	2.37	2.30	8.82	12.1	96.7	NO	
30	33 13C3-PFBS	302. > 98.8	1.44e3	1.41e4	0.095	2.77	2.59	1.27	13.3	106.7	NO	
31	34 13C2-PFHxA	315 > 269.8	3.36e3	1.41e4	0.597	3.15	3.08	2.97	4.97	99.4	NO	

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Dataset: U:\Q4.PRO\results\180110M3\180110M3_57.qld

Last Altered: Friday, January 12, 2018 11:26:07 Pacific Standard Time
 Printed: Friday, January 12, 2018 11:26:27 Pacific Standard Time

Name: 180110M3_57, Date: 11-Jan-2018, Time: 19:49:00, ID: ST180110M3-12 PFC CS3 17L2611, Description: PFC CS3 17L2611

	# Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Recovery Out
32	35 13C4-PFHpA	367.2 > 321.8	7.57e3	1.41e4	0.604	3.78	3.71	6.69	11.1	88.6	NO
33	36 18O2-PFHxS	403.0 > 102.6	1.02e3	3.50e3	0.293	3.94	3.85	3.62	12.4	98.8	NO
34	37 13C2-6:2 FTS	429.1 > 408.9	2.21e3	1.17e4	0.215	4.25	4.17	2.35	10.9	87.2	NO
35	38 13C2-PFOA	414.9 > 369.7	1.10e4	1.17e4	0.916	4.31	4.23	11.7	12.8	102.5	NO
36	39 13C5-PFNA	468.2 > 422.9	9.31e3	1.21e4	0.817	4.81	4.66	9.61	11.8	94.0	NO
37	40 13C8-PFOSA	506.1 > 77.7	2.64e3	1.15e4	0.223	4.87	4.72	2.87	12.9	102.9	NO
38	41 13C8-PFOS	507.0 > 79.9	3.19e3	3.42e3	0.875	4.89	4.75	11.7	13.3	106.7	NO
39	42 13C2-PFDA	515.1 > 469.9	9.12e3	8.74e3	1.105	5.18	5.04	13.0	11.8	94.4	NO
40	43 13C2-8:2 FTS	529.1 > 508.7	1.17e3	1.41e4	0.101	5.15	5.01	1.04	10.3	82.3	NO
41	44 d3-N-MeFOSAA	573.3 > 419	2.94e3	1.15e4	0.345	5.32	5.19	3.19	9.25	74.0	NO
42	45 d5-N-EtFOSAA	589.3 > 419	4.05e3	1.15e4	0.390	5.47	5.34	4.39	11.3	90.0	NO
43	46 13C2-PFUDa	565 > 519.8	9.29e3	1.15e4	0.958	5.49	5.36	10.1	10.5	84.2	NO
44	47 13C2-PFDaA	615.0 > 569.7	5.85e3	1.15e4	0.599	5.77	5.65	6.35	10.6	84.8	NO
45	48 d3-N-MeFOSA	515.2 > 168.9	1.66e4	1.15e4	0.124	5.83	5.74	18.0	145	96.7	NO
46	49 13C2-PFTeDA	714.8 > 669.6	2.67e3	1.15e4	0.282	6.22	6.11	2.90	10.3	82.2	NO
47	50 d5-N-ETFOSA	531.1 > 168.9	2.47e4	1.15e4	0.184	6.18	6.14	26.8	146	97.0	NO
48	51 13C2-PFHxDA	815 > 769.7	2.01e3	1.15e4	0.540	6.53	6.44	2.18	4.04	80.9	NO
49	52 d7-N-MeFOSE	623.1 > 58.9	2.46e4	1.15e4	0.182	6.27	6.27	26.7	146	97.6	NO
50	53 d9-N-EtFOSE	639.2 > 58.8	2.26e4	1.15e4	0.173	6.42	6.42	24.5	142	94.7	NO
51	54 13C4-PFBA	217. > 171.8	1.13e4	1.13e4	1.000	1.38	1.32	12.5	12.5	100.0	NO
52	55 13C5-PFHxA	318 > 272.9	1.41e4	1.41e4	1.000	3.15	3.08	12.5	12.5	100.0	NO
53	56 13C3-PFHxS	401.9 > 79.9	3.50e3	3.50e3	1.000	4.02	3.86	12.5	12.5	100.0	NO
54	57 13C8-PFOA	421.3 > 376	1.17e4	1.17e4	1.000	4.38	4.23	12.5	12.5	100.0	NO
55	58 13C9-PFNA	472.2 > 426.9	1.21e4	1.21e4	1.000	4.81	4.66	12.5	12.5	100.0	NO
56	59 13C4-PFOS	503 > 79.9	3.42e3	3.42e3	1.000	4.89	4.74	12.5	12.5	100.0	NO
57	60 13C6-PFDA	519.1 > 473.7	8.74e3	8.74e3	1.000	5.18	5.03	12.5	12.5	100.0	NO
58	61 13C7-PFUDa	570.1 > 524.8	1.15e4	1.15e4	1.000	5.49	5.36	12.5	12.5	100.0	NO

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Dataset: Untitled

Last Altered: Friday, January 12, 2018 13:15:54 Pacific Standard Time

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Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_010818C.mdb 11 Jan 2018 15:33:36

Calibration: U:\Q4.PRO\CurveDB\IC18_VAL-PFAS_Q4_01-10-18-FULL-M3.cdb 11 Jan 2018 14:26:30

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
1	180110M3_1	IPA	11-Jan-18	09:22:51
2	180110M3_2	ST180110M3-1 PFC CS-2 17L2606	11-Jan-18	09:34:02
3	180110M3_3	ST180110M3-2 PFC CS-1 17L2607	11-Jan-18	09:45:13
4	180110M3_4	ST180110M3-3 PFC CS0 17L2608	11-Jan-18	09:56:23
5	180110M3_5	ST180110M3-4 PFC CS1 17L2609	11-Jan-18	10:07:34
6	180110M3_6	ST180110M3-5 PFC CS2 17L2610	11-Jan-18	10:18:46
7	180110M3_7	ST180110M3-6 PFC CS3 17L2611	11-Jan-18	10:29:56
8	180110M3_8	ST180110M3-7 PFC CS4 17L2612	11-Jan-18	10:41:06
9	180110M3_9	ST180110M3-8 PFC CS5 17L2613	11-Jan-18	10:52:18
10	180110M3_10	ST180110M3-9 PFC CS6 17L2710	11-Jan-18	11:03:28
11	180110M3_11	IPA	11-Jan-18	11:14:39
12	180110M3_12	ICV180110M3-1 PFC ICV 17L1201	11-Jan-18	11:25:49
13	180110M3_13	B7L0088-MS1 Matrix Spike 0.25868	11-Jan-18	11:37:00
14	180110M3_14	B7L0088-MSD1 Matrix Spike Dup 0.2594	11-Jan-18	11:48:11
15	180110M3_15	1701832-01 FT-SW10-20171201 0.24901	11-Jan-18	11:59:21
16	180110M3_16	1701832-02 FT-DUP04-20171201 0.25912	11-Jan-18	12:10:32
17	180110M3_17	1701832-03 FT-SW13-20171201 0.25163	11-Jan-18	12:21:42
18	180110M3_18	1701832-04 FT-SW12-20171201 0.25479	11-Jan-18	12:32:54
19	180110M3_19	1701832-05 SA-SW125-20171201 0.26063	11-Jan-18	12:44:04
20	180110M3_20	1701832-06 SA-SW124-20171201 0.24606	11-Jan-18	12:55:15
21	180110M3_21	1701832-07 SA-PZ124-20171201 0.22152	11-Jan-18	13:06:26
22	180110M3_22	1701832-08 SA-DUP05-20171201 0.23726	11-Jan-18	13:17:36
23	180110M3_23	1701832-09 SA-PZ147-20171201 0.25163	11-Jan-18	13:28:47
24	180110M3_24	1701832-10 SA-SW201-20171201 0.24837	11-Jan-18	13:39:58
25	180110M3_25	IPA	11-Jan-18	13:51:09
26	180110M3_26	ST180110M3-10 PFC CS3 17L2611	11-Jan-18	14:02:19
27	180110M3_27	IPA	11-Jan-18	14:13:30
28	180110M3_28	1701832-11 SW-DP01-20171201 0.26032	11-Jan-18	14:24:43
29	180110M3_29	1701832-12 SA-SW204-20171201 0.25842	11-Jan-18	14:35:52
30	180110M3_30	1701832-13 SA-SW204-FRB-20171201 0.259...	11-Jan-18	14:47:02
31	180110M3_31	B7L0114-BS1 OPR 0.125	11-Jan-18	14:58:13

Dataset: Untitled

Last Altered: Friday, January 12, 2018 13:15:54 Pacific Standard Time
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Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
32	180110M3_32	IPA	11-Jan-18	15:09:23
33	180110M3_33	B7L0114-BLK1 Method Blank 0.125	11-Jan-18	15:20:34
34	180110M3_34	1701896-01 FB1712041315JM 0.26557	11-Jan-18	15:31:45
35	180110M3_35	1701896-02 WT1712041320JM 0.27098	11-Jan-18	15:42:56
36	180110M3_36	1701896-03 WR1712041330JM 0.26836	11-Jan-18	15:54:06
37	180110M3_37	1701896-04 WT1712041435JM 0.26471	11-Jan-18	16:05:17
38	180110M3_38	1701896-05 WR1712041445JM 0.2652	11-Jan-18	16:16:28
39	180110M3_39	1701896-06 WT1712041505JM 0.26375	11-Jan-18	16:27:39
40	180110M3_40	1701896-07 WT1712041525JM 0.26253	11-Jan-18	16:38:49
41	180110M3_41	1701896-08 WT1712041545JM 0.25304	11-Jan-18	16:50:00
42	180110M3_42	IPA 10	11-Jan-18	17:01:11
43	180110M3_43	ST180110M2-11 PFC CS3 17L2611	11-Jan-18	17:12:22
44	180110M3_44	IPA	11-Jan-18	17:23:32
45	180110M3_45	1701896-09 WT1712041600JM 0.25668	11-Jan-18	17:34:43
46	180110M3_46	1701896-10 WT1712041625JM 0.26672	11-Jan-18	17:45:54
47	180110M3_47	1701896-11 WT1712041645JM 0.26526	11-Jan-18	17:57:04
48	180110M3_48	1701896-12 WR1712050835JM 0.26075	11-Jan-18	18:08:18
49	180110M3_49	1701896-13 WT1712050920JM 0.25985	11-Jan-18	18:19:34
50	180110M3_50	1701896-14 FB1712050940JM 0.26706	11-Jan-18	18:30:45
51	180110M3_51	1701896-15 WT1712050945JM 0.26049	11-Jan-18	18:41:56
52	180110M3_52	1701896-16 WT1712051000JM 0.26777	11-Jan-18	18:53:06
53	180110M3_53	1701896-17 WT1712051035JM 0.26811	11-Jan-18	19:04:17
54	180110M3_54	1701896-18 WT1712051055JM 0.26798	11-Jan-18	19:15:27
55	180110M3_55	1701896-19 WT1712051115JM 0.26037	11-Jan-18	19:26:38
56	180110M3_56	IPA	11-Jan-18	19:37:49
57	180110M3_57	ST180110M3-12 PFC CS3 17L2611	11-Jan-18	19:49:00
58	180110M3_58	IPA	11-Jan-18	20:00:10
59	180110M3_59	1701852-01 IR03-MW034-C2-17D 0.26646	11-Jan-18	20:11:21
60	180110M3_60	1701852-02 IR03-MW018B-C1-17D 0.25583	11-Jan-18	20:22:32
61	180110M3_61	1701852-03 IR03-MW018A-C2-17D 0.26605	11-Jan-18	20:33:42
62	180110M3_62	1701896-20 WT1712051130JM 0.26351	11-Jan-18	20:44:53
63	180110M3_63	1701892-01 Soil-B109 1.21	11-Jan-18	20:56:04
64	180110M3_64	1701892-02 Soil-S134 1.28	11-Jan-18	21:07:15
65	180110M3_65	1701892-03 Soil-S150 1.1	11-Jan-18	21:18:25

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Last Altered: Friday, January 12, 2018 13:15:54 Pacific Standard Time

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Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
66	180110M3_66	1701892-04 Soil-B113 1.13	11-Jan-18	21:29:36
67	180110M3_67	1701905-03RE1@20X WINF1712061655JLB ...	11-Jan-18	21:40:47
68	180110M3_68	1701905-03RE1@10X WINF1712061655JLB ...	11-Jan-18	21:51:57
69	180110M3_69	IPA	11-Jan-18	22:03:08
70	180110M3_70	ST180110M3-13 PFC CS3 17L2611	11-Jan-18	22:14:18
71	180110M3_71	IPA	11-Jan-18	22:25:30
72	180110M3_72	1701898-11 SP-EQBK-01 0.11933	11-Jan-18	22:36:43
73	180110M3_73	1701879-01 MTBE_15025 0.24122	11-Jan-18	22:47:52
74	180110M3_74	IPA	11-Jan-18	22:59:02
75	180110M3_75	ST180110M3-14 PFC CS3 17L2611	11-Jan-18	23:10:13

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Last Altered: Friday, January 12, 2018 11:26:07 Pacific Standard Time

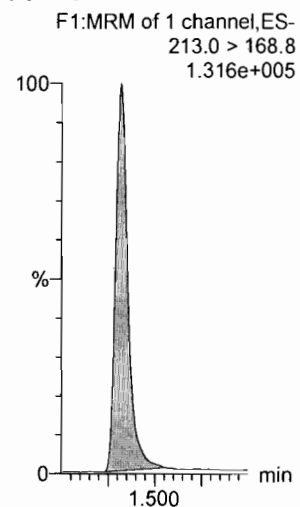
Printed: Friday, January 12, 2018 11:26:27 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_010818C.mdb 11 Jan 2018 15:33:36

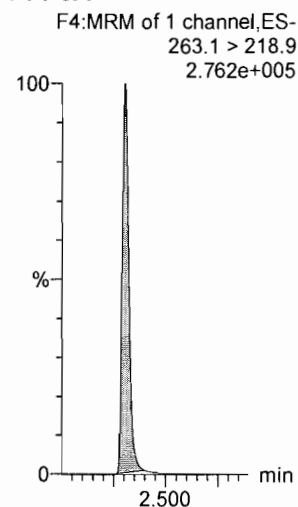
Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_01-10-18-FULL-M3.cdb 11 Jan 2018 14:26:30

Name: 180110M3_57, Date: 11-Jan-2018, Time: 19:49:00, ID: ST180110M3-12 PFC CS3 17L2611, Description: PFC CS3 17L2611

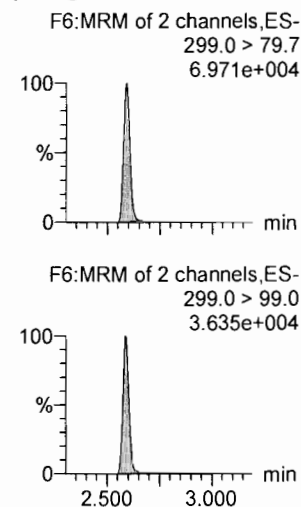
PFBA



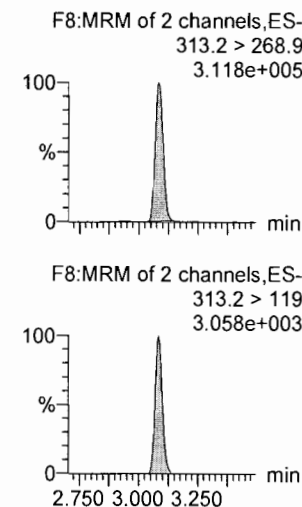
PFPeA



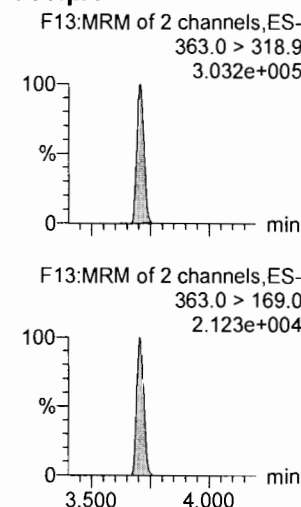
PFBS



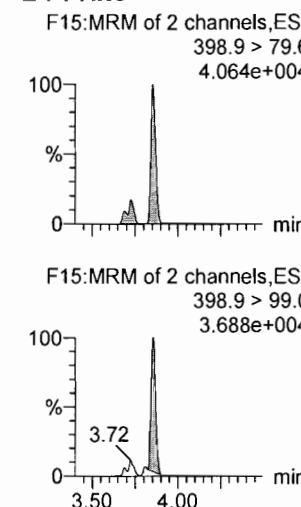
PFHxA



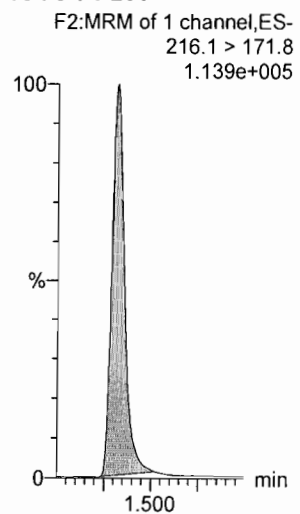
PFHpA



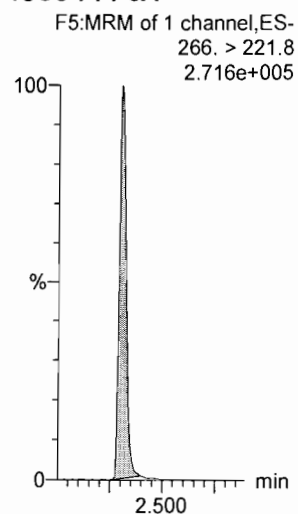
L-PFHxS



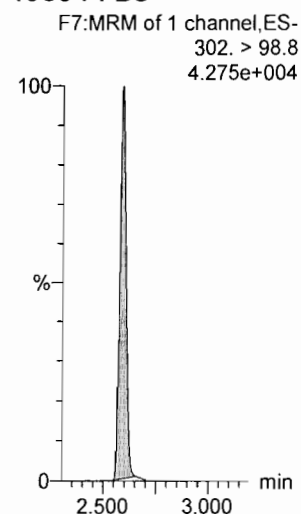
13C3-PFBA



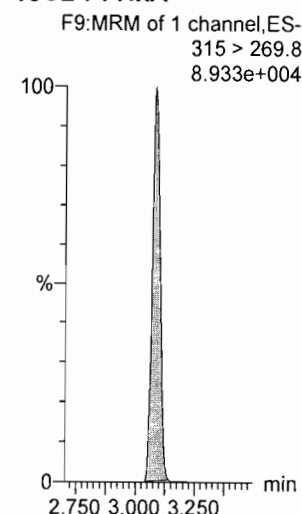
13C3-PFPeA



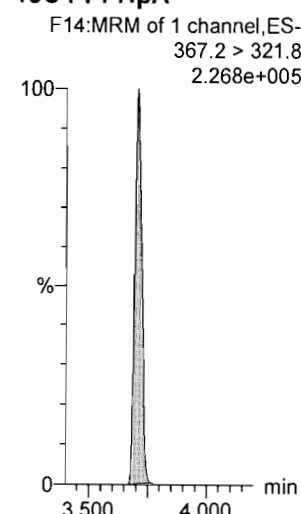
13C3-PFBS



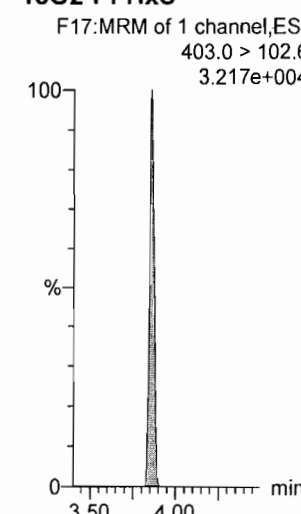
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



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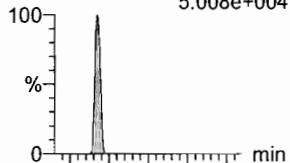
Last Altered: Friday, January 12, 2018 11:26:07 Pacific Standard Time

Printed: Friday, January 12, 2018 11:26:27 Pacific Standard Time

Name: 180110M3_57, Date: 11-Jan-2018, Time: 19:49:00, ID: ST180110M3-12 PFC CS3 17L2611, Description: PFC CS3 17L2611

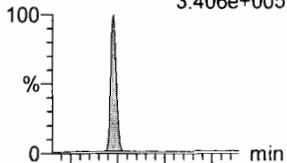
6:2 FTS

F21:MRM of 2 channels,ES-
427.1 > 407
5.008e+004



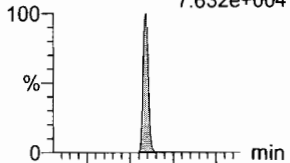
L-PFOA

F18:MRM of 2 channels,ES-
413 > 368.7
3.406e+005



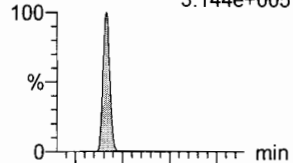
PFHpS

F23:MRM of 2 channels,ES-
449 > 80.0
7.632e+004



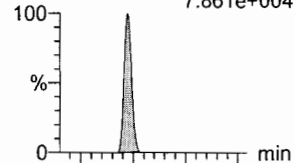
PFNA

F24:MRM of 2 channels,ES-
463.0 > 418.8
3.144e+005



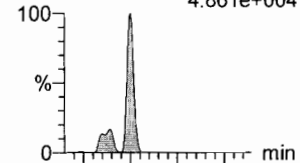
PFOSA

F27:MRM of 2 channels,ES-
498.1 > 77.8
7.861e+004

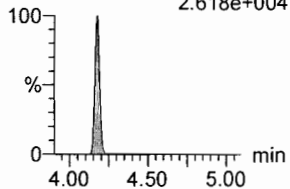


L-PFOS

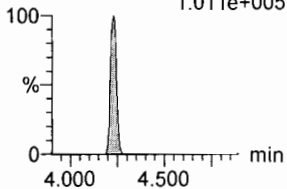
F29:MRM of 2 channels,ES-
499 > 79.9
4.861e+004



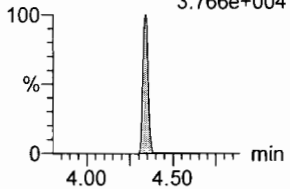
F21:MRM of 2 channels,ES-
427.1 > 80
2.618e+004



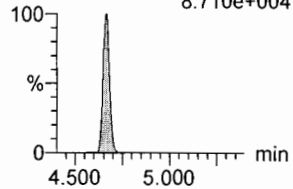
F18:MRM of 2 channels,ES-
413 > 169
1.011e+005



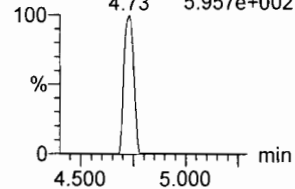
F23:MRM of 2 channels,ES-
449 > 98.7
3.766e+004



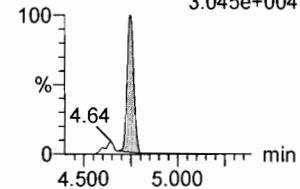
F24:MRM of 2 channels,ES-
463.0 > 219.0
8.710e+004



F27:MRM of 2 channels,ES-
498.1 > 478
5.957e+002

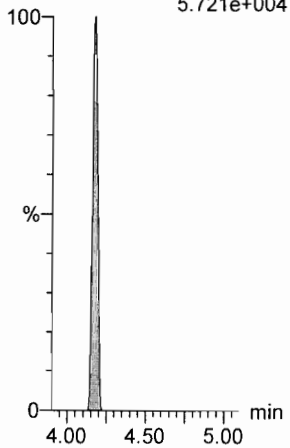


F29:MRM of 2 channels,ES-
499 > 99
3.045e+004



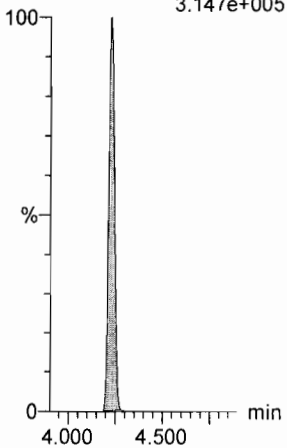
13C2-6:2 FTS

F22:MRM of 1 channel,ES-
429.1 > 408.9
5.721e+004



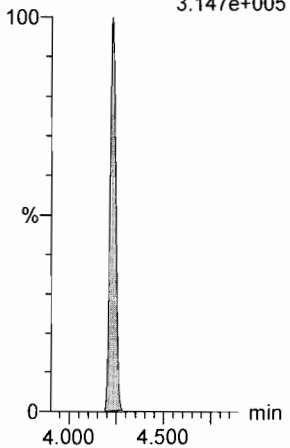
13C2-PFOA

F19:MRM of 1 channel,ES-
414.9 > 369.7
3.147e+005



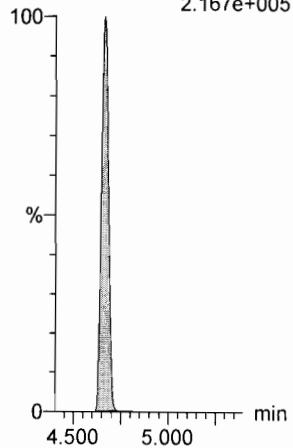
13C2-PFOA

F19:MRM of 1 channel,ES-
414.9 > 369.7
3.147e+005



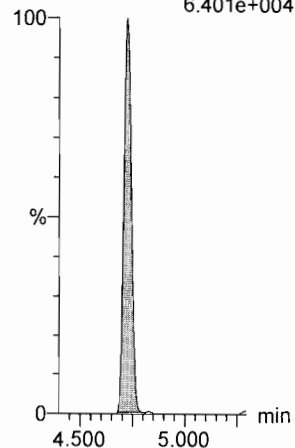
13C5-PFNA

F25:MRM of 1 channel,ES-
468.2 > 422.9
2.167e+005



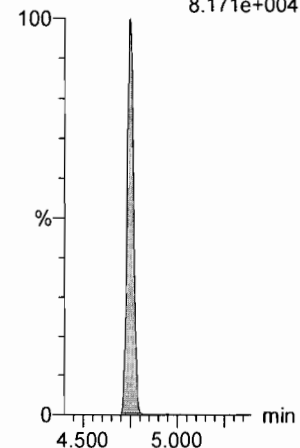
13C8-PFOSA

F31:MRM of 1 channel,ES-
506.1 > 77.7
6.401e+004



13C8-PFOS

F32:MRM of 1 channel,ES-
507.0 > 79.9
8.171e+004



Dataset: U:\Q4.PRO\results\180110M3\180110M3_57.qld

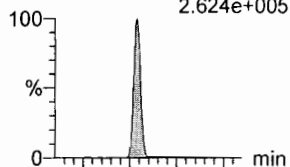
Last Altered: Friday, January 12, 2018 11:26:07 Pacific Standard Time

Printed: Friday, January 12, 2018 11:26:27 Pacific Standard Time

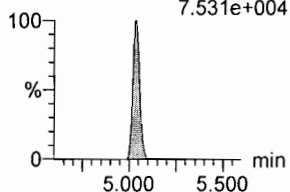
Name: 180110M3_57, Date: 11-Jan-2018, Time: 19:49:00, ID: ST180110M3-12 PFC CS3 17L2611, Description: PFC CS3 17L2611

PFDA

F34:MRM of 2 channels,ES-
513 > 468.8
2.624e+005

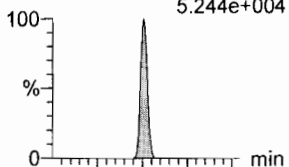


F34:MRM of 2 channels,ES-
513 > 219
7.531e+004

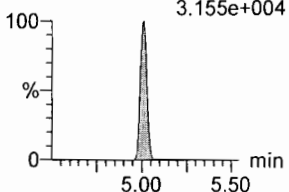


8:2 FTS

F39:MRM of 2 channels,ES-
527 > 506.9
5.244e+004

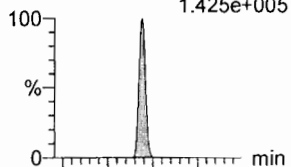


F39:MRM of 2 channels,ES-
527 > 80
3.155e+004

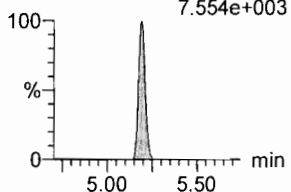


N-MeFOSAA

F44:MRM of 2 channels,ES-
570.1 > 419
1.425e+005

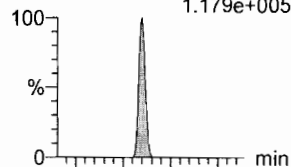


F44:MRM of 2 channels,ES-
570.1 > 483.0
7.554e+003

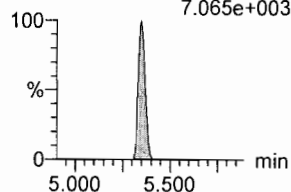


N-EtFOSAA

F47:MRM of 2 channels,ES-
584.2 > 419
1.179e+005

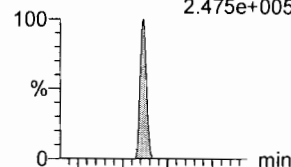


F47:MRM of 2 channels,ES-
584.2 > 483.0
7.065e+003

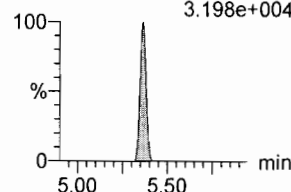


PFUdA

F42:MRM of 2 channels,ES-
563.0 > 518.9
2.475e+005

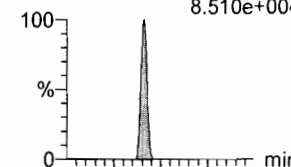


F42:MRM of 2 channels,ES-
563.0 > 269
3.198e+004

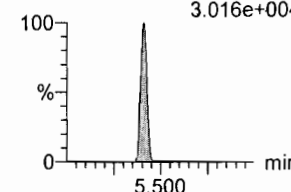


PFDS

F49:MRM of 2 channels,ES-
598.8 > 80
8.510e+004

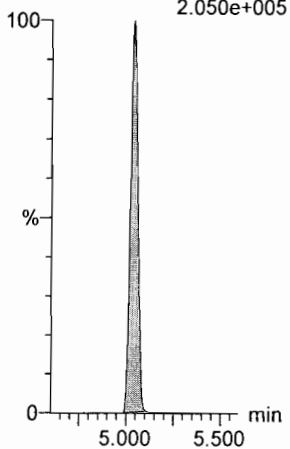


F49:MRM of 2 channels,ES-
598.8 > 98.7
3.016e+004



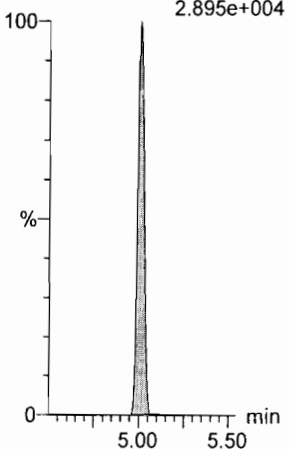
13C2-PFDA

F35:MRM of 1 channel,ES-
515.1 > 469.9
2.050e+005



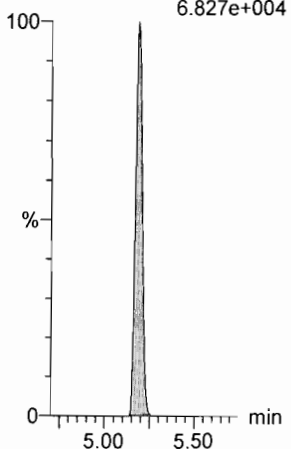
13C2-8:2 FTS

F40:MRM of 1 channel,ES-
529.1 > 508.7
2.895e+004



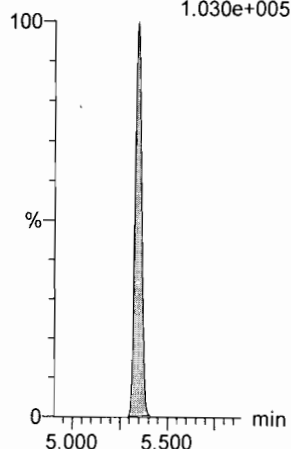
d3-N-MeFOSAA

F46:MRM of 1 channel,ES-
573.3 > 419
6.827e+004



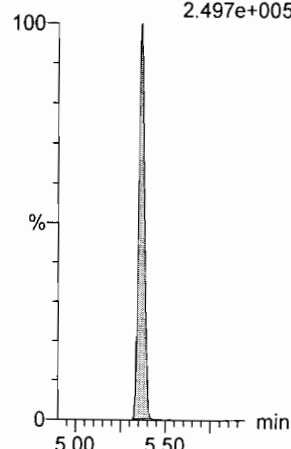
d5-N-EtFOSAA

F48:MRM of 1 channel,ES-
589.3 > 419
1.030e+005



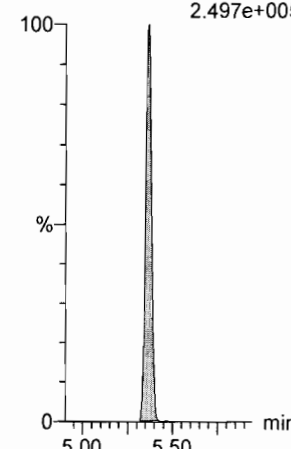
13C2-PFUdA

F43:MRM of 1 channel,ES-
565 > 519.8
2.497e+005



13C2-PFUdA

F43:MRM of 1 channel,ES-
565 > 519.8
2.497e+005



Dataset: U:\Q4.PRO\results\180110M3\180110M3_57.qld

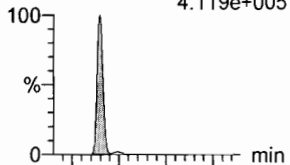
Last Altered: Friday, January 12, 2018 11:26:07 Pacific Standard Time

Printed: Friday, January 12, 2018 11:26:27 Pacific Standard Time

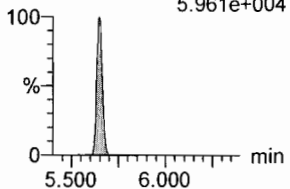
Name: 180110M3_57, Date: 11-Jan-2018, Time: 19:49:00, ID: ST180110M3-12 PFC CS3 17L2611, Description: PFC CS3 17L2611

PFD_oA

F50:MRM of 2 channels,ES-
612.9 > 569.0
4.119e+005

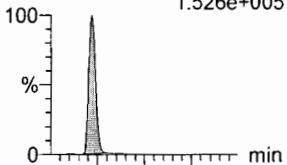


F50:MRM of 2 channels,ES-
612.9 > 318.8
5.961e+004

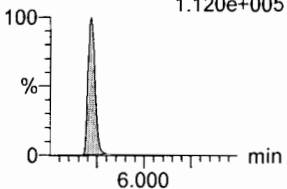


N-MeFOSA

F33:MRM of 2 channels,ES-
512.1 > 168.9
1.526e+005

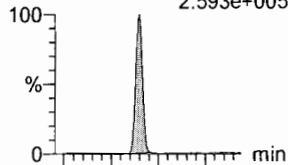


F33:MRM of 2 channels,ES-
512.1 > 219
1.120e+005

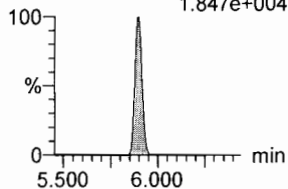


PFT_rDA

F56:MRM of 2 channels,ES-
662.9 > 618.9
2.593e+005

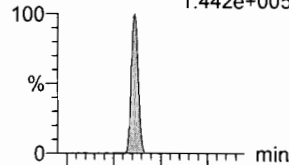


F56:MRM of 2 channels,ES-
662.9 > 319
1.847e+004

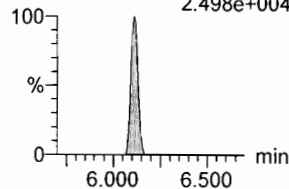


PFT_eDA

F57:MRM of 2 channels,ES-
712.9 > 668.8
1.442e+005

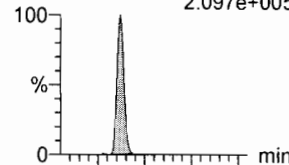


F57:MRM of 2 channels,ES-
712.9 > 369
2.498e+004

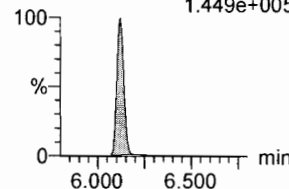


N-EtFOSA

F38:MRM of 2 channels,ES-
526.1 > 168.9
2.097e+005

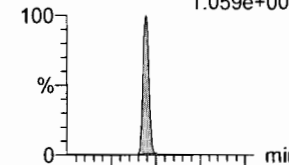


F38:MRM of 2 channels,ES-
526.1 > 219
1.449e+005

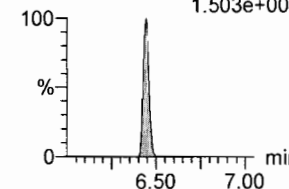


PFH_xDA

F59:MRM of 2 channels,ES-
813.1 > 768.6
1.059e+005

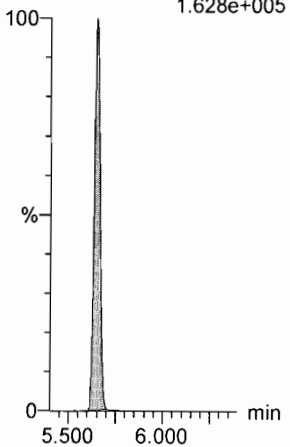


F59:MRM of 2 channels,ES-
813.1 > 219
1.503e+004



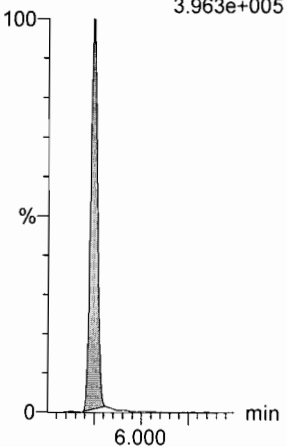
13C2-PFD_oA

F51:MRM of 1 channel,ES-
615.0 > 569.7
1.628e+005



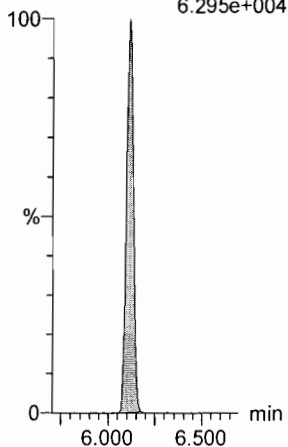
d3-N-MeFOSA

F36:MRM of 1 channel,ES-
515.2 > 168.9
3.963e+005



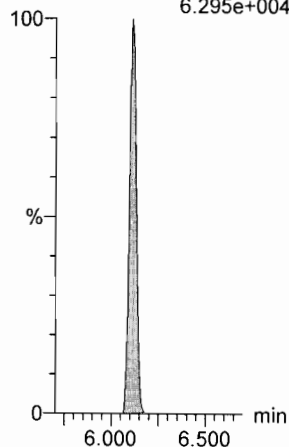
13C2-PFT_eDA

F58:MRM of 2 channels,ES-
714.8 > 669.6
6.295e+004



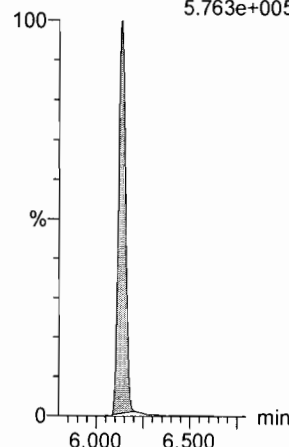
13C2-PFT_eDA

F58:MRM of 2 channels,ES-
714.8 > 669.6
6.295e+004



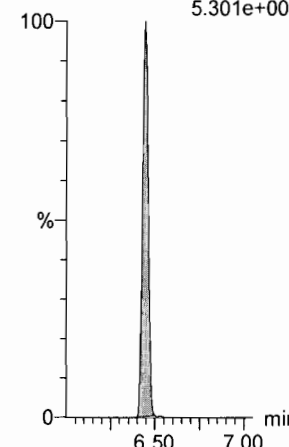
d5-N-ETFOSA

F41:MRM of 1 channel,ES-
531.1 > 168.9
5.763e+005



13C2-PFH_xDA

F60:MRM of 1 channel,ES-
815 > 769.7
5.301e+004



Dataset: U:\Q4.PRO\results\180110M3\180110M3_57.qld

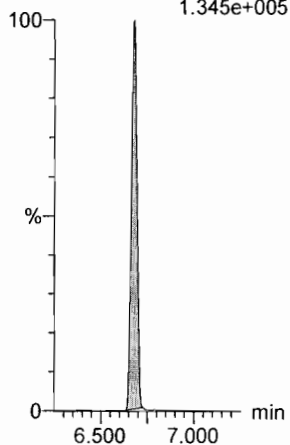
Last Altered: Friday, January 12, 2018 11:26:07 Pacific Standard Time

Printed: Friday, January 12, 2018 11:26:27 Pacific Standard Time

Name: 180110M3_57, Date: 11-Jan-2018, Time: 19:49:00, ID: ST180110M3-12 PFC CS3 17L2611, Description: PFC CS3 17L2611

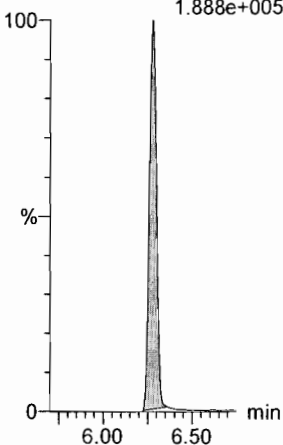
PFODA

F61:MRM of 1 channel,ES-
913.1 > 868.8
1.345e+005



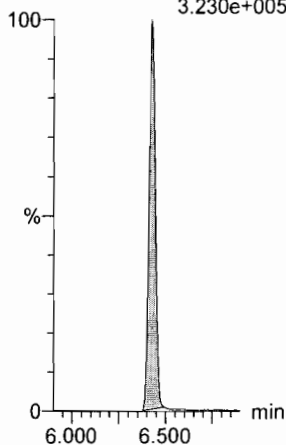
N-MeFOSE

F52:MRM of 1 channel,ES-
616.1 > 58.9
1.888e+005



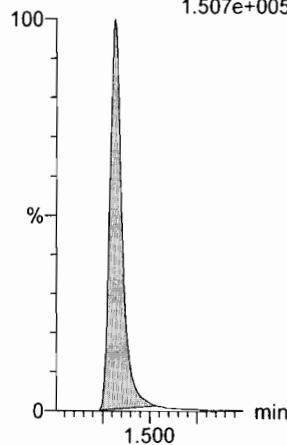
N-EtFOSE

F54:MRM of 1 channel,ES-
630.1 > 58.9
3.230e+005



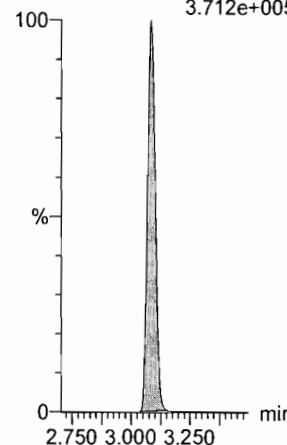
13C4-PFBA

F3:MRM of 1 channel,ES-
217. > 171.8
1.507e+005



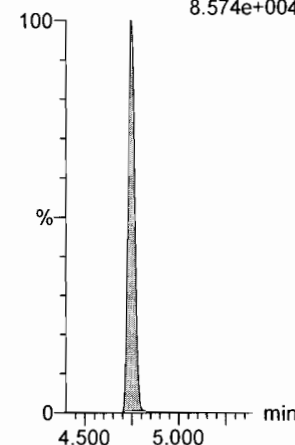
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
3.712e+005



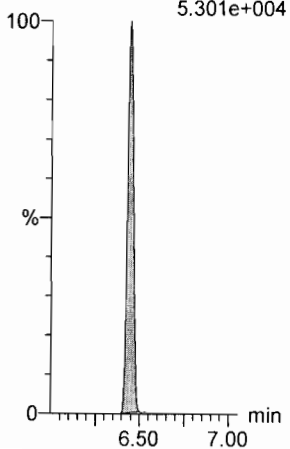
13C4-PFOS

F30:MRM of 1 channel,ES-
503 > 79.9
8.574e+004



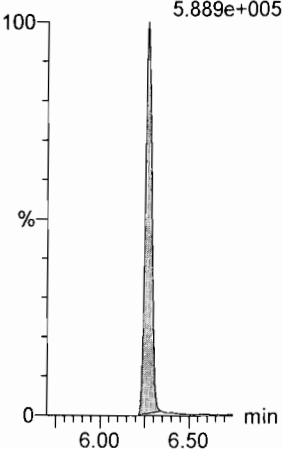
13C2-PFHxDA

F60:MRM of 1 channel,ES-
815 > 769.7
5.301e+004



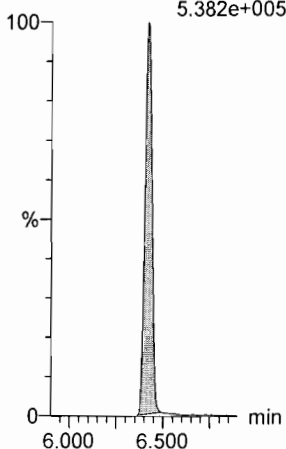
d7-N-MeFOSE

F53:MRM of 1 channel,ES-
623.1 > 58.9
5.889e+005



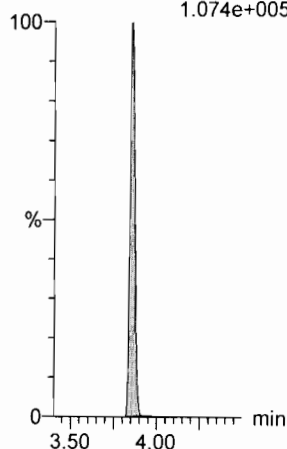
d9-N-EtFOSE

F55:MRM of 1 channel,ES-
639.2 > 58.8
5.382e+005



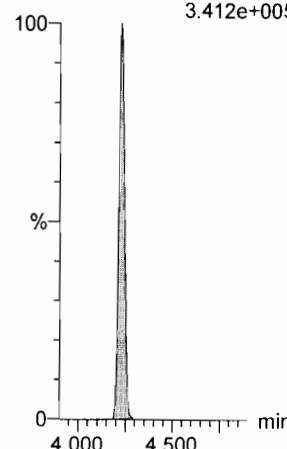
13C3-PFHxS

F16:MRM of 1 channel,ES-
401.9 > 79.9
1.074e+005



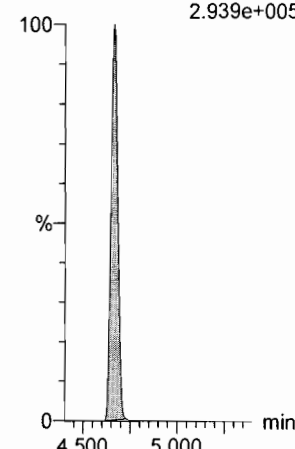
13C8-PFOA

F20:MRM of 1 channel,ES-
421.3 > 376
3.412e+005



13C9-PFNA

F26:MRM of 1 channel,ES-
472.2 > 426.9
2.939e+005



Dataset: U:\Q4.PRO\results\180110M3\180110M3_57.qld

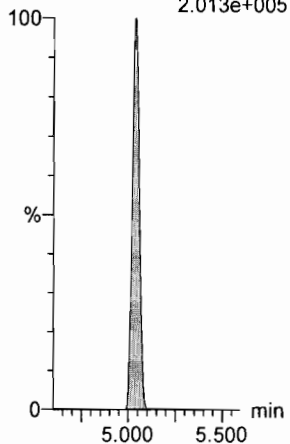
Last Altered: Friday, January 12, 2018 11:26:07 Pacific Standard Time

Printed: Friday, January 12, 2018 11:26:27 Pacific Standard Time

Name: 180110M3_57, Date: 11-Jan-2018, Time: 19:49:00, ID: ST180110M3-12 PFC CS3 17L2611, Description: PFC CS3 17L2611

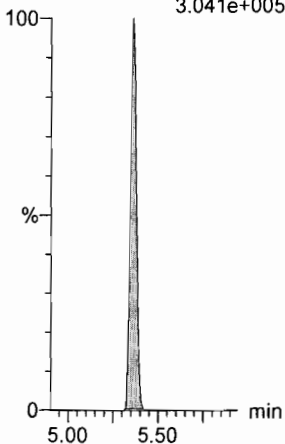
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
2.013e+005



13C7-PFUdA

F45:MRM of 1 channel,ES-
570.1 > 524.8
3.041e+005



Dataset: U:\Q4.PRO\results\180110M3\180110M3_70.qld

Last Altered: Friday, January 12, 2018 11:32:42 Pacific Standard Time

Printed: Friday, January 12, 2018 11:33:36 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_010818C.mdb 11 Jan 2018 15:33:36

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_01-10-18-FULL-M3.cdb 11 Jan 2018 14:26:30

CP/12/18

Name: 180110M3_70, Date: 11-Jan-2018, Time: 22:14:18, ID: ST180110M3-13 PFC CS3 17L2611, Description: PFC CS3 17L2611

✓ 11/01/12/2018

#	Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Recovery Out
1	1 PFBA	213.0 > 168.8	1.04e4	8.82e3		1.38	1.32	14.8	10.1	100.6	NO
2	2 PFPeA	263.1 > 218.9	1.07e4	1.00e4		2.37	2.30	13.3	10.6	106.1	NO
3	3 PFBS	299.0 > 79.7	2.50e3	1.47e3		2.66	2.59	21.3	9.99	99.9	NO
4	4 PFHxA	313.2 > 268.9	1.29e4	3.13e3		3.15	3.08	20.5	10.6	106.1	NO
5	5 PFHpA	363.0 > 318.9	1.12e4	8.74e3		3.78	3.71	16.0	9.76	97.6	NO
6	6 L-PFHxS	398.9 > 79.6	1.91e3	1.22e3		3.94	3.85	19.6	9.37	93.7	NO
7	8 6:2 FTS	427.1 > 407	2.61e3	1.22e3		4.25	4.17	26.8	8.81	88.1	NO
8	9 L-PFOA	413 > 368.7	1.24e4	1.19e4		4.31	4.22	13.0	10.2	102.0	NO
9	11 PFHpS	449 > 80.0	2.84e3	1.19e4		4.42	4.34	2.99	10.2	101.7	NO
10	12 PFNA	463.0 > 418.8	1.34e4	1.26e4		4.81	4.66	13.3	9.39	93.9	NO
11	13 PFOSA	498.1 > 77.8	2.77e3	3.07e3		4.87	4.72	11.3	8.62	86.2	NO
12	14 L-PFOS	499 > 79.9	3.14e3	3.05e3		4.75	4.74	12.9	10.9	109.2	NO
13	16 PFDA	513 > 468.8	1.23e4	1.09e4		5.18	5.04	14.1	8.69	86.9	NO
14	17 8:2 FTS	527 > 506.9	2.05e3	1.09e4		5.15	5.01	2.36	7.54	75.4	NO
15	18 N-MeFOSAA	570.1 > 419	6.40e3	3.84e3		5.32	5.19	20.9	10.5	104.8	NO
16	19 N-EtFOSAA	584.2 > 419	5.23e3	4.63e3		5.48	5.34	14.1	9.24	92.4	NO
17	20 PFUdA	563.0 > 518.9	1.17e4	1.14e4		5.50	5.36	12.8	9.71	97.1	NO
18	21 PFDS	598.8 > 80	3.52e3	1.14e4		5.54	5.41	3.85	10.3	103.2	NO
19	22 PFDoA	612.9 > 569.0	1.34e4	6.23e3		5.77	5.64	26.9	12.6	126.5	NO
20	23 N-MeFOSA	512.1 > 168.9	6.62e3	1.70e4		5.80	5.72	58.3	52.9	105.7	NO
21	24 PFTrDA	662.9 > 618.9	1.22e4	6.23e3		6.00	5.89	24.5	10.3	102.6	NO
22	25 PFTeDA	712.9 > 668.8	6.14e3	2.86e3		6.22	6.11	26.8	9.10	91.0	NO
23	26 N-EtFOSA	526.1 > 168.9	9.01e3	2.55e4		6.17	6.12	53.0	52.0	104.0	NO
24	27 PFHxDA	813.1 > 768.6	4.70e3	2.08e3		6.53	6.44	11.3	11.6	115.8	NO
25	28 PFODA	913.1 > 868.8	4.44e3	2.08e3		6.74	6.67	10.7	8.33	83.3	NO
26	29 N-MeFOSE	616.1 > 58.9	9.12e3	2.59e4		6.27	6.27	52.9	45.7	91.4	NO
27	30 N-EtFOSE	630.1 > 58.9	1.12e4	2.37e4		6.43	6.42	71.2	51.0	101.9	NO
28	31 13C3-PFBA	216.1 > 171.8	8.82e3	1.20e4	0.764	1.38	1.32	9.23	12.1	96.7	NO
29	32 13C3-PFPeA	266. > 221.8	1.00e4	1.30e4	0.730	2.37	2.30	9.68	13.3	106.1	NO
30	33 13C3-PFBS	302. > 98.8	1.47e3	1.30e4	0.095	2.77	2.59	1.42	14.9	118.9	NO
31	34 13C2-PFHxA	315 > 269.8	3.13e3	1.30e4	0.597	3.15	3.08	3.02	5.06	101.2	NO

70-130

50-150


Dataset: U:\Q4.PRO\results\180110M3\180110M3_70.qld

Last Altered: Friday, January 12, 2018 11:32:42 Pacific Standard Time

Printed: Friday, January 12, 2018 11:33:36 Pacific Standard Time

Name: 180110M3_70, Date: 11-Jan-2018, Time: 22:14:18, ID: ST180110M3-13 PFC CS3 17L2611, Description: PFC CS3 17L2611

	# Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Recovery Out
32	35 13C4-PFHpA	367.2 > 321.8	8.74e3	1.30e4	0.604	3.78	3.70	8.42	13.9	111.5	NO
33	36 18O2-PFHxS	403.0 > 102.6	1.22e3	3.53e3	0.293	3.94	3.85	4.32	14.7	117.8	NO
34	37 13C2-6:2 FTS	429.1 > 408.9	2.18e3	1.16e4	0.215	4.25	4.17	2.36	11.0	87.8	NO
35	38 13C2-PFOA	414.9 > 369.7	1.19e4	1.16e4	0.916	4.31	4.22	12.8	14.0	112.1	NO
36	39 13C5-PFNA	468.2 > 422.9	1.26e4	1.39e4	0.817	4.81	4.66	11.3	13.8	110.6	NO
37	40 13C8-PFOSA	506.1 > 77.7	3.07e3	1.03e4	0.223	4.87	4.72	3.71	16.7	133.2	NO
38	41 13C8-PFOS	507.0 > 79.9	3.05e3	3.53e3	0.875	4.89	4.74	10.8	12.4	98.8	NO
39	42 13C2-PFDA	515.1 > 469.9	1.09e4	8.72e3	1.105	5.18	5.04	15.6	14.1	112.8	NO
40	43 13C2-8:2 FTS	529.1 > 508.7	1.33e3	1.30e4	0.101	5.15	5.01	1.29	12.8	102.0	NO
41	44 d3-N-MeFOSAA	573.3 > 419	3.84e3	1.03e4	0.345	5.32	5.18	4.64	13.5	107.7	NO
42	45 d5-N-EtFOSAA	589.3 > 419	4.63e3	1.03e4	0.390	5.47	5.34	5.60	14.3	114.8	NO
43	46 13C2-PFUdA	565 > 519.8	1.14e4	1.03e4	0.958	5.49	5.36	13.8	14.4	115.5	NO
44	47 13C2-PFDoA	615.0 > 569.7	6.23e3	1.03e4	0.599	5.77	5.64	7.54	12.6	100.7	NO
45	48 d3-N-MeFOSA	515.2 > 168.9	1.70e4	1.03e4	0.124	5.83	5.74	20.6	166	110.7	NO
46	49 13C2-PFTeDA	714.8 > 669.6	2.86e3	1.03e4	0.282	6.22	6.11	3.46	12.3	98.4	NO
47	50 d5-N-ETFOSA	531.1 > 168.9	2.55e4	1.03e4	0.184	6.18	6.13	30.9	168	111.8	NO
48	51 13C2-PFHxDA	815 > 769.7	2.08e3	1.03e4	0.540	6.53	6.44	2.51	4.66	93.1	NO
49	52 d7-N-MeFOSE	623.1 > 58.9	2.59e4	1.03e4	0.182	6.27	6.26	31.3	172	114.6	NO
50	53 d9-N-EtFOSE	639.2 > 58.8	2.37e4	1.03e4	0.173	6.42	6.42	28.7	166	110.7	NO
51	54 13C4-PFBA	217. > 171.8	1.20e4	1.20e4	1.000	1.38	1.32	12.5	12.5	100.0	NO
52	55 13C5-PFHxA	318 > 272.9	1.30e4	1.30e4	1.000	3.15	3.08	12.5	12.5	100.0	NO
53	56 13C3-PFHxS	401.9 > 79.9	3.53e3	3.53e3	1.000	4.02	3.85	12.5	12.5	100.0	NO
54	57 13C8-PFOA	421.3 > 376	1.16e4	1.16e4	1.000	4.38	4.22	12.5	12.5	100.0	NO
55	58 13C9-PFNA	472.2 > 426.9	1.39e4	1.39e4	1.000	4.81	4.66	12.5	12.5	100.0	NO
56	59 13C4-PFOS	503 > 79.9	3.53e3	3.53e3	1.000	4.89	4.74	12.5	12.5	100.0	NO
57	60 13C6-PFDA	519.1 > 473.7	8.72e3	8.72e3	1.000	5.18	5.04	12.5	12.5	100.0	NO
58	61 13C7-PFUdA	570.1 > 524.8	1.03e4	1.03e4	1.000	5.49	5.36	12.5	12.5	100.0	NO

50-150


Dataset: Untitled

Last Altered: Friday, January 12, 2018 13:15:54 Pacific Standard Time
 Printed: Friday, January 12, 2018 13:16:19 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_010818C.mdb 11 Jan 2018 15:33:36
 Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_01-10-18-FULL-M3.cdb 11 Jan 2018 14:26:30

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
1	180110M3_1	IPA	11-Jan-18	09:22:51
2	180110M3_2	ST180110M3-1 PFC CS-2 17L2606	11-Jan-18	09:34:02
3	180110M3_3	ST180110M3-2 PFC CS-1 17L2607	11-Jan-18	09:45:13
4	180110M3_4	ST180110M3-3 PFC CS0 17L2608	11-Jan-18	09:56:23
5	180110M3_5	ST180110M3-4 PFC CS1 17L2609	11-Jan-18	10:07:34
6	180110M3_6	ST180110M3-5 PFC CS2 17L2610	11-Jan-18	10:18:46
7	180110M3_7	ST180110M3-6 PFC CS3 17L2611	11-Jan-18	10:29:56
8	180110M3_8	ST180110M3-7 PFC CS4 17L2612	11-Jan-18	10:41:06
9	180110M3_9	ST180110M3-8 PFC CS5 17L2613	11-Jan-18	10:52:18
10	180110M3_10	ST180110M3-9 PFC CS6 17L2710	11-Jan-18	11:03:28
11	180110M3_11	IPA	11-Jan-18	11:14:39
12	180110M3_12	ICV180110M3-1 PFC ICV 17L1201	11-Jan-18	11:25:49
13	180110M3_13	B7L0088-MS1 Matrix Spike 0.25868	11-Jan-18	11:37:00
14	180110M3_14	B7L0088-MSD1 Matrix Spike Dup 0.2594	11-Jan-18	11:48:11
15	180110M3_15	1701832-01 FT-SW10-20171201 0.24901	11-Jan-18	11:59:21
16	180110M3_16	1701832-02 FT-DUP04-20171201 0.25912	11-Jan-18	12:10:32
17	180110M3_17	1701832-03 FT-SW13-20171201 0.25163	11-Jan-18	12:21:42
18	180110M3_18	1701832-04 FT-SW12-20171201 0.25479	11-Jan-18	12:32:54
19	180110M3_19	1701832-05 SA-SW125-20171201 0.26063	11-Jan-18	12:44:04
20	180110M3_20	1701832-06 SA-SW124-20171201 0.24606	11-Jan-18	12:55:15
21	180110M3_21	1701832-07 SA-PZ124-20171201 0.22152	11-Jan-18	13:06:26
22	180110M3_22	1701832-08 SA-DUP05-20171201 0.23726	11-Jan-18	13:17:36
23	180110M3_23	1701832-09 SA-PZ147-20171201 0.25163	11-Jan-18	13:28:47
24	180110M3_24	1701832-10 SA-SW201-20171201 0.24837	11-Jan-18	13:39:58
25	180110M3_25	IPA	11-Jan-18	13:51:09
26	180110M3_26	ST180110M3-10 PFC CS3 17L2611	11-Jan-18	14:02:19
27	180110M3_27	IPA	11-Jan-18	14:13:30
28	180110M3_28	1701832-11 SW-DP01-20171201 0.26032	11-Jan-18	14:24:43
29	180110M3_29	1701832-12 SA-SW204-20171201 0.25842	11-Jan-18	14:35:52
30	180110M3_30	1701832-13 SA-SW204-FRB-20171201 0.259...	11-Jan-18	14:47:02
31	180110M3_31	B7L0114-BS1 OPR 0.125	11-Jan-18	14:58:13

Dataset: Untitled

Last Altered: Friday, January 12, 2018 13:15:54 Pacific Standard Time

Printed: Friday, January 12, 2018 13:16:19 Pacific Standard Time

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
32	180110M3_32	IPA	11-Jan-18	15:09:23
33	180110M3_33	B7L0114-BLK1 Method Blank 0.125	11-Jan-18	15:20:34
34	180110M3_34	1701896-01 FB1712041315JM 0.26557	11-Jan-18	15:31:45
35	180110M3_35	1701896-02 WT1712041320JM 0.27098	11-Jan-18	15:42:56
36	180110M3_36	1701896-03 WR1712041330JM 0.26836	11-Jan-18	15:54:06
37	180110M3_37	1701896-04 WT1712041435JM 0.26471	11-Jan-18	16:05:17
38	180110M3_38	1701896-05 WR1712041445JM 0.2652	11-Jan-18	16:16:28
39	180110M3_39	1701896-06 WT1712041505JM 0.26375	11-Jan-18	16:27:39
40	180110M3_40	1701896-07 WT1712041525JM 0.26253	11-Jan-18	16:38:49
41	180110M3_41	1701896-08 WT1712041545JM 0.25304	11-Jan-18	16:50:00
42	180110M3_42	IPA ¹⁰	11-Jan-18	17:01:11
43	180110M3_43	ST180110M2-11 PFC CS3 17L2611	11-Jan-18	17:12:22
44	180110M3_44	IPA	11-Jan-18	17:23:32
45	180110M3_45	1701896-09 WT1712041600JM 0.25668	11-Jan-18	17:34:43
46	180110M3_46	1701896-10 WT1712041625JM 0.26672	11-Jan-18	17:45:54
47	180110M3_47	1701896-11 WT1712041645JM 0.26526	11-Jan-18	17:57:04
48	180110M3_48	1701896-12 WR1712050835JM 0.26075	11-Jan-18	18:08:18
49	180110M3_49	1701896-13 WT1712050920JM 0.25985	11-Jan-18	18:19:34
50	180110M3_50	1701896-14 FB1712050940JM 0.26706	11-Jan-18	18:30:45
51	180110M3_51	1701896-15 WT1712050945JM 0.26049	11-Jan-18	18:41:56
52	180110M3_52	1701896-16 WT1712051000JM 0.26777	11-Jan-18	18:53:06
53	180110M3_53	1701896-17 WT1712051035JM 0.26811	11-Jan-18	19:04:17
54	180110M3_54	1701896-18 WT1712051055JM 0.26798	11-Jan-18	19:15:27
55	180110M3_55	1701896-19 WT1712051115JM 0.26037	11-Jan-18	19:26:38
56	180110M3_56	IPA	11-Jan-18	19:37:49
57	180110M3_57	ST180110M3-12 PFC CS3 17L2611	11-Jan-18	19:49:00
58	180110M3_58	IPA	11-Jan-18	20:00:10
59	180110M3_59	1701852-01 IR03-MW034-C2-17D 0.26646	11-Jan-18	20:11:21
60	180110M3_60	1701852-02 IR03-MW018B-C1-17D 0.25583	11-Jan-18	20:22:32
61	180110M3_61	1701852-03 IR03-MW018A-C2-17D 0.26605	11-Jan-18	20:33:42
62	180110M3_62	1701896-20 WT1712051130JM 0.26351	11-Jan-18	20:44:53
63	180110M3_63	1701892-01 Soil-B109 1.21	11-Jan-18	20:56:04
64	180110M3_64	1701892-02 Soil-S134 1.28	11-Jan-18	21:07:15
65	180110M3_65	1701892-03 Soil-S150 1.1	11-Jan-18	21:18:25

Dataset: Untitled

Last Altered: Friday, January 12, 2018 13:15:54 Pacific Standard Time

Printed: Friday, January 12, 2018 13:16:19 Pacific Standard Time

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
66	180110M3_66	1701892-04 Soil-B113 1.13	11-Jan-18	21:29:36
67	180110M3_67	1701905-03RE1@20X WINF1712061655JLB ...	11-Jan-18	21:40:47
68	180110M3_68	1701905-03RE1@10X WINF1712061655JLB ...	11-Jan-18	21:51:57
69	180110M3_69	IPA	11-Jan-18	22:03:08
70	180110M3_70	ST180110M3-13 PFC CS3 17L2611	11-Jan-18	22:14:18
71	180110M3_71	IPA	11-Jan-18	22:25:30
72	180110M3_72	1701898-11 SP-EQBK-01 0.11933	11-Jan-18	22:36:43
73	180110M3_73	1701879-01 MTBE_15025 0.24122	11-Jan-18	22:47:52
74	180110M3_74	IPA	11-Jan-18	22:59:02
75	180110M3_75	ST180110M3-14 PFC CS3 17L2611	11-Jan-18	23:10:13

Dataset: U:\Q4.PRO\results\180110M3\180110M3_70.qld

Last Altered: Friday, January 12, 2018 11:32:42 Pacific Standard Time

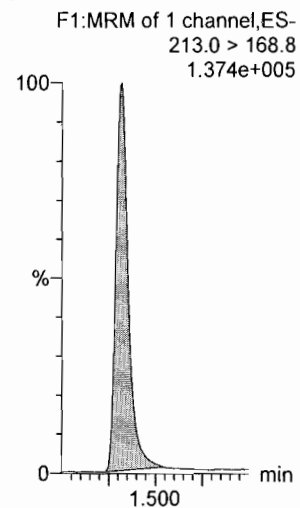
Printed: Friday, January 12, 2018 11:33:36 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_010818C.mdb 11 Jan 2018 15:33:36

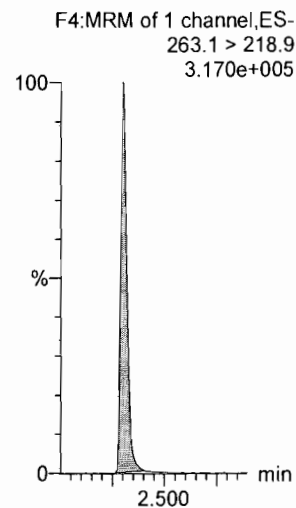
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Name: 180110M3_70, Date: 11-Jan-2018, Time: 22:14:18, ID: ST180110M3-13 PFC CS3 17L2611, Description: PFC CS3 17L2611

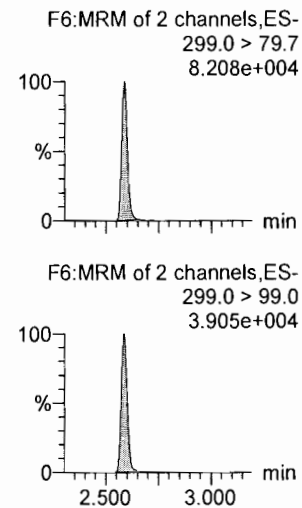
PFBA



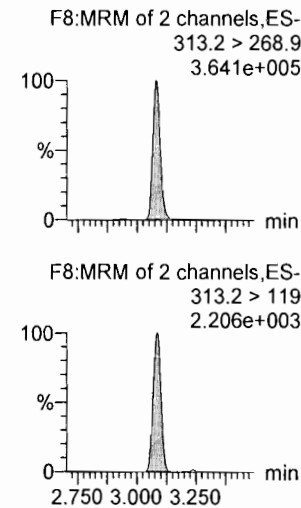
PFPeA



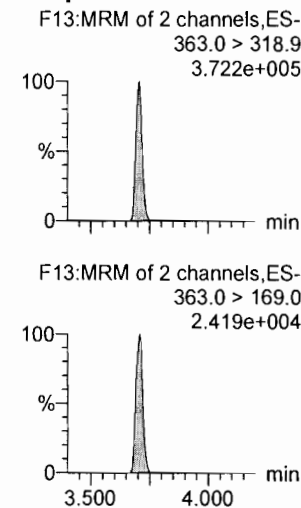
PFBS



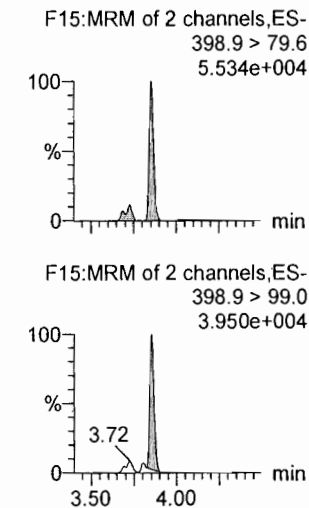
PFHxA



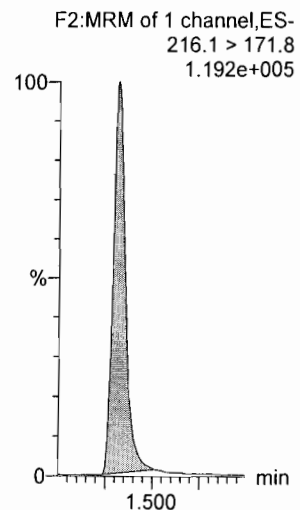
PFHpA



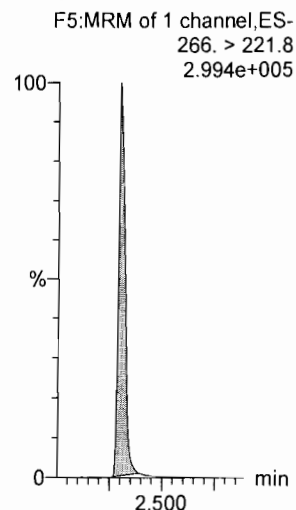
L-PFHxS



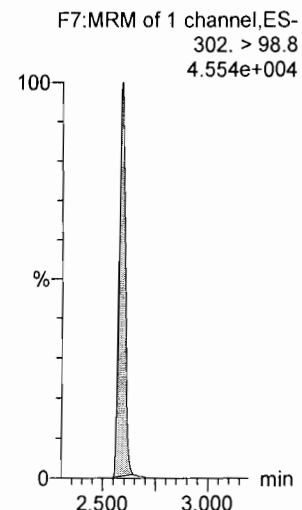
13C3-PFBA



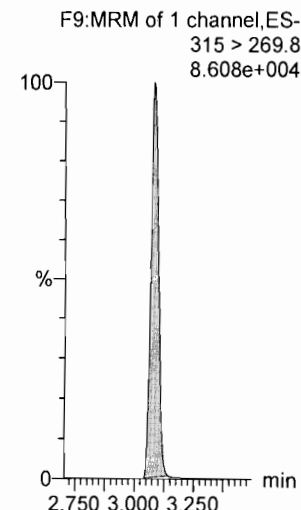
13C3-PFPeA



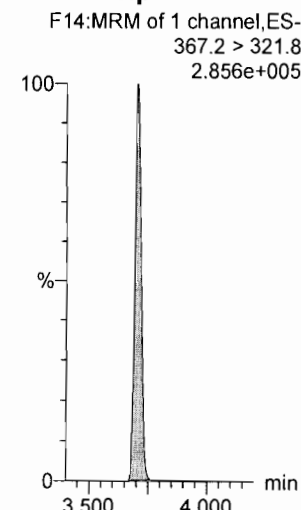
13C3-PFBS



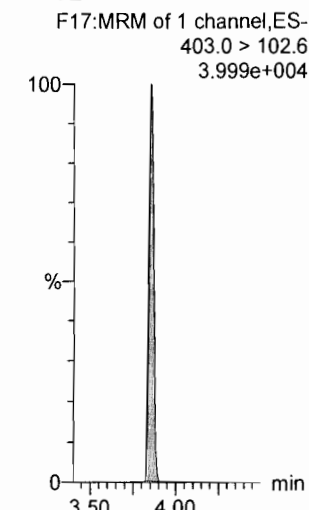
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



Dataset: U:\Q4.PRO\results\180110M3\180110M3_70.qld

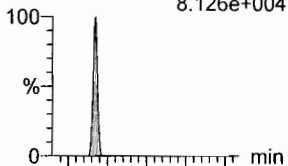
Last Altered: Friday, January 12, 2018 11:32:42 Pacific Standard Time

Printed: Friday, January 12, 2018 11:33:36 Pacific Standard Time

Name: 180110M3_70, Date: 11-Jan-2018, Time: 22:14:18, ID: ST180110M3-13 PFC CS3 17L2611, Description: PFC CS3 17L2611

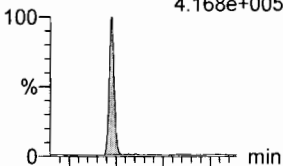
6:2 FTS

F21:MRM of 2 channels,ES-
427.1 > 407
8.126e+004



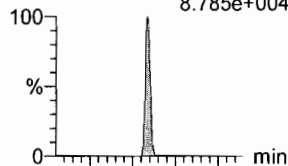
L-PFOA

F18:MRM of 2 channels,ES-
413 > 368.7
4.168e+005



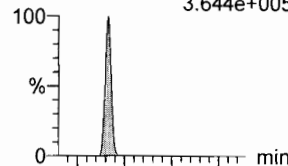
PFHpS

F23:MRM of 2 channels,ES-
449 > 80.0
8.785e+004



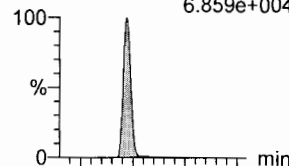
PFNA

F24:MRM of 2 channels,ES-
463.0 > 418.8
3.644e+005



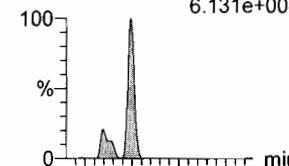
PFOSA

F27:MRM of 2 channels,ES-
498.1 > 77.8
6.859e+004

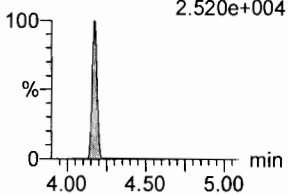


L-PFOS

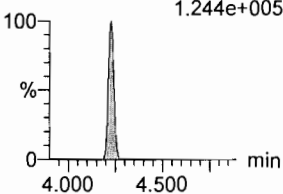
F29:MRM of 2 channels,ES-
499 > 79.9
6.131e+004



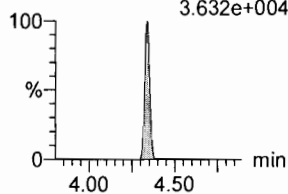
F21:MRM of 2 channels,ES-
427.1 > 80
2.520e+004



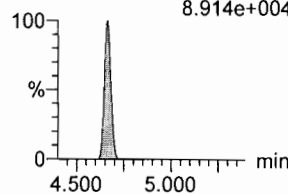
F18:MRM of 2 channels,ES-
413 > 169
1.244e+005



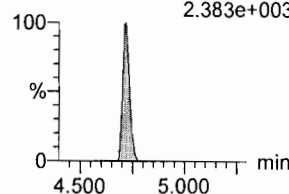
F23:MRM of 2 channels,ES-
449 > 98.7
3.632e+004



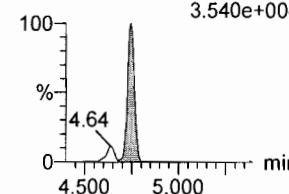
F24:MRM of 2 channels,ES-
463.0 > 219.0
8.914e+004



F27:MRM of 2 channels,ES-
498.1 > 478
2.383e+003

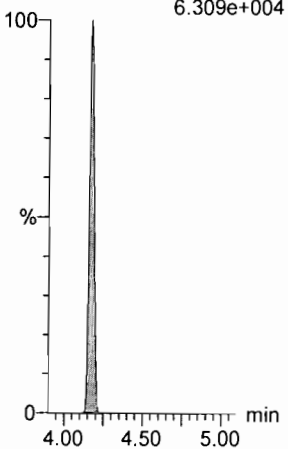


F29:MRM of 2 channels,ES-
499 > 99
3.540e+004



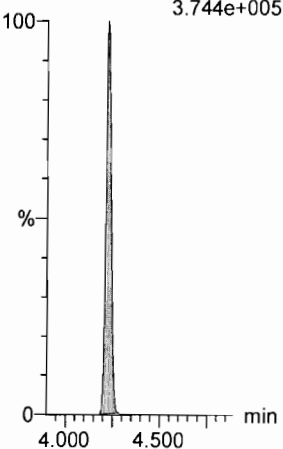
13C2-6:2 FTS

F22:MRM of 1 channel,ES-
429.1 > 408.9
6.309e+004



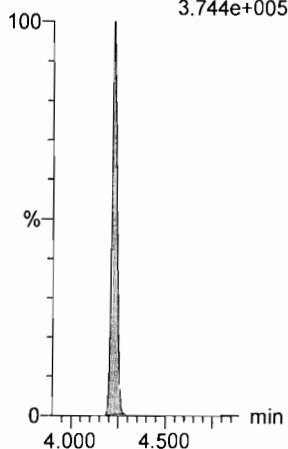
13C2-PFOA

F19:MRM of 1 channel,ES-
414.9 > 369.7
3.744e+005



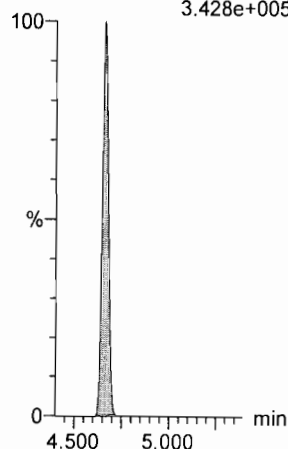
13C2-PFOA

F19:MRM of 1 channel,ES-
414.9 > 369.7
3.744e+005



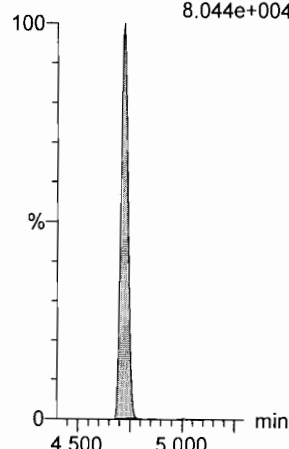
13C5-PFNA

F25:MRM of 1 channel,ES-
468.2 > 422.9
3.428e+005



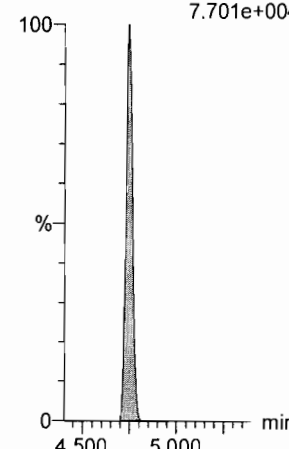
13C8-PFOSA

F31:MRM of 1 channel,ES-
506.1 > 77.7
8.044e+004



13C8-PFOS

F32:MRM of 1 channel,ES-
507.0 > 79.9
7.701e+004

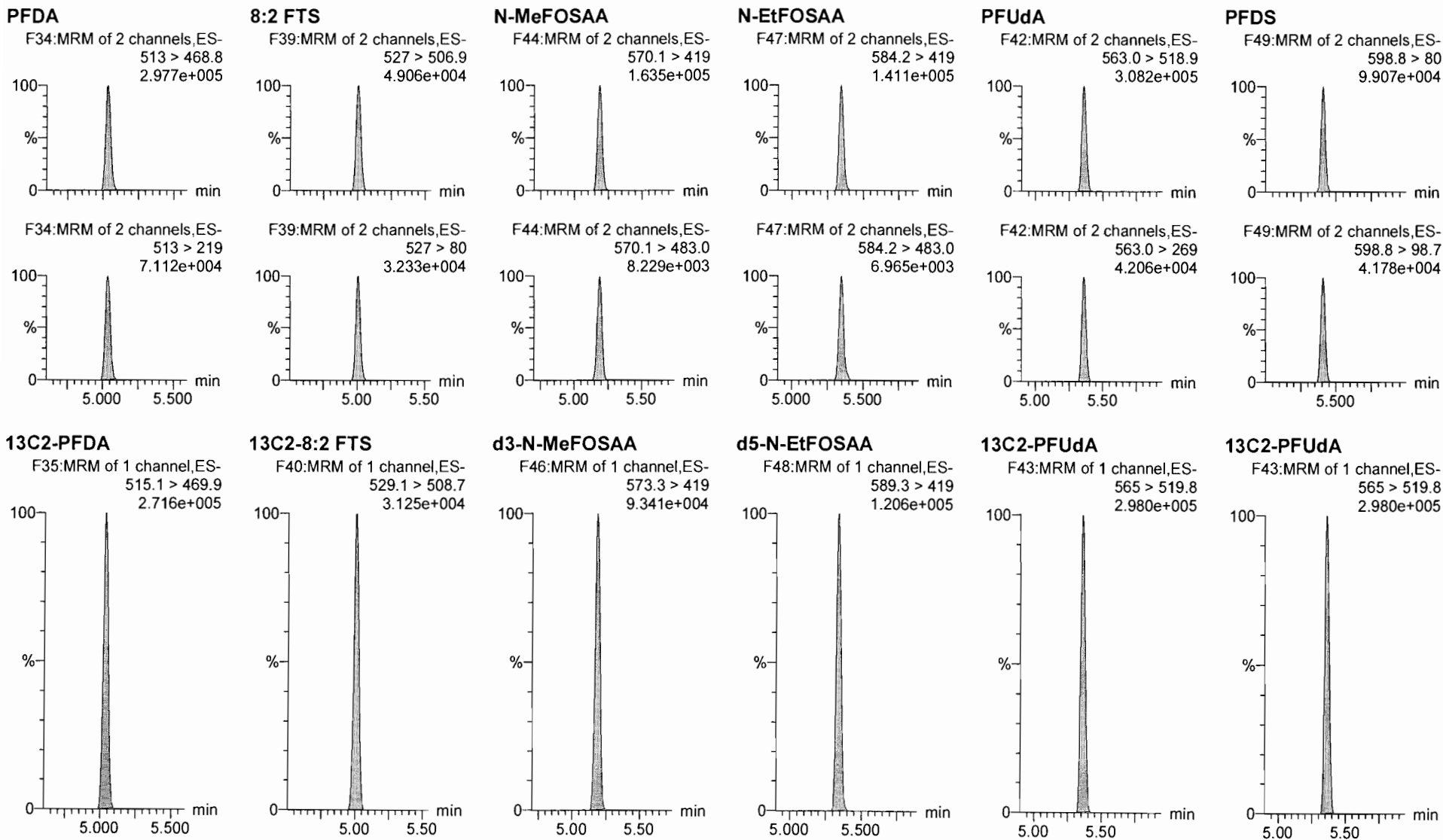


Dataset: U:\Q4.PRO\results\180110M3\180110M3_70.qld

Last Altered: Friday, January 12, 2018 11:32:42 Pacific Standard Time

Printed: Friday, January 12, 2018 11:33:36 Pacific Standard Time

Name: 180110M3_70, Date: 11-Jan-2018, Time: 22:14:18, ID: ST180110M3-13 PFC CS3 17L2611, Description: PFC CS3 17L2611



Dataset: U:\Q4.PRO\results\180110M3\180110M3_70.qld

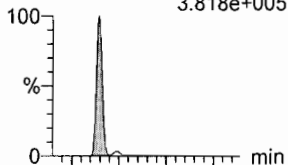
Last Altered: Friday, January 12, 2018 11:32:42 Pacific Standard Time

Printed: Friday, January 12, 2018 11:33:36 Pacific Standard Time

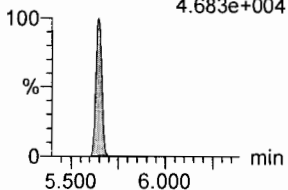
Name: 180110M3_70, Date: 11-Jan-2018, Time: 22:14:18, ID: ST180110M3-13 PFC CS3 17L2611, Description: PFC CS3 17L2611

PFD_oA

F50:MRM of 2 channels,ES-
612.9 > 569.0
3.818e+005

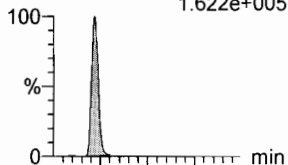


F50:MRM of 2 channels,ES-
612.9 > 318.8
4.683e+004

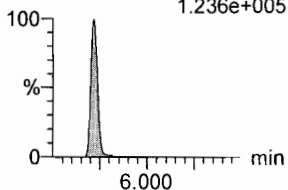


N-MeFOSA

F33:MRM of 2 channels,ES-
512.1 > 168.9
1.622e+005

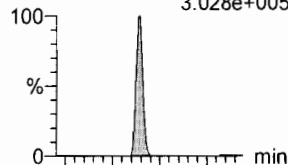


F33:MRM of 2 channels,ES-
512.1 > 219
1.236e+005

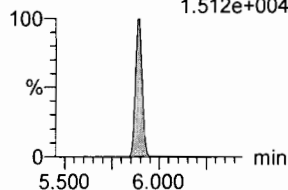


PFT_rDA

F56:MRM of 2 channels,ES-
662.9 > 618.9
3.028e+005

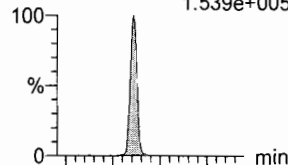


F56:MRM of 2 channels,ES-
662.9 > 319
1.512e+004

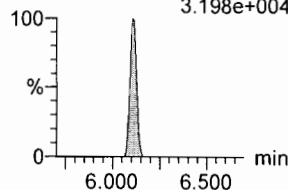


PFT_eDA

F57:MRM of 2 channels,ES-
712.9 > 668.8
1.539e+005

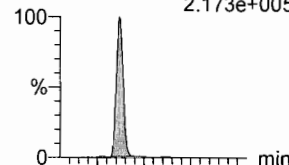


F57:MRM of 2 channels,ES-
712.9 > 369
3.198e+004

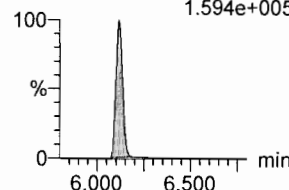


N-EtFOSA

F38:MRM of 2 channels,ES-
526.1 > 168.9
2.173e+005

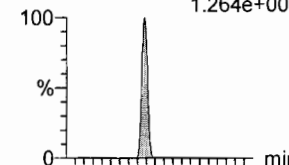


F38:MRM of 2 channels,ES-
526.1 > 219
1.594e+005

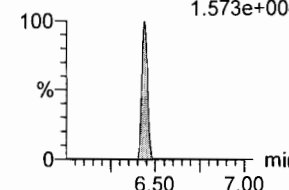


PFH_xDA

F59:MRM of 2 channels,ES-
813.1 > 768.6
1.264e+005

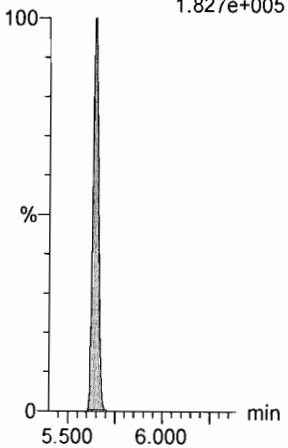


F59:MRM of 2 channels,ES-
813.1 > 219
1.573e+004



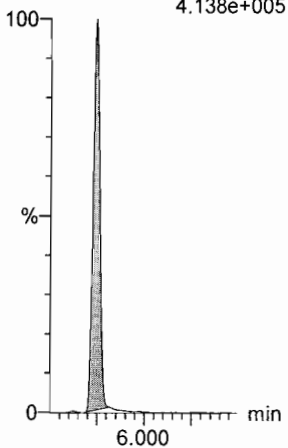
13C2-PFD_oA

F51:MRM of 1 channel,ES-
615.0 > 569.7
1.827e+005



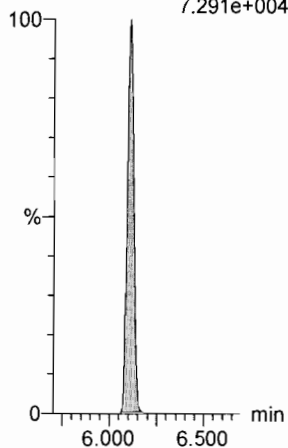
d3-N-MeFOSA

F36:MRM of 1 channel,ES-
515.2 > 168.9
4.138e+005



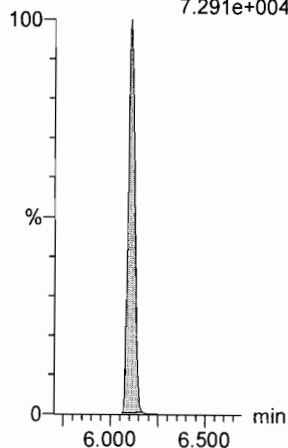
13C2-PFT_rDA

F58:MRM of 2 channels,ES-
714.8 > 669.6
7.291e+004



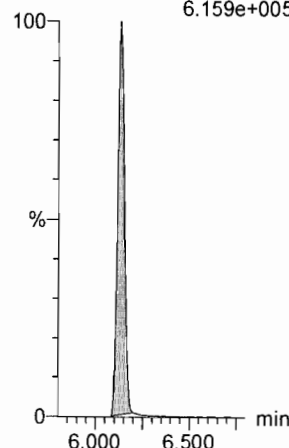
13C2-PFT_eDA

F58:MRM of 2 channels,ES-
714.8 > 669.6
7.291e+004



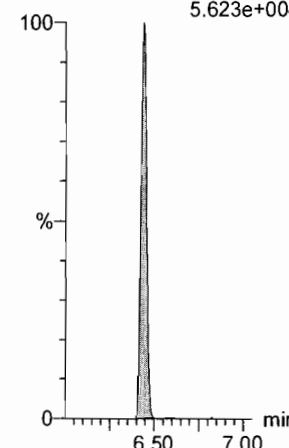
d5-N-ETFOSA

F41:MRM of 1 channel,ES-
531.1 > 168.9
6.159e+005



13C2-PFH_xDA

F60:MRM of 1 channel,ES-
815 > 769.7
5.623e+004

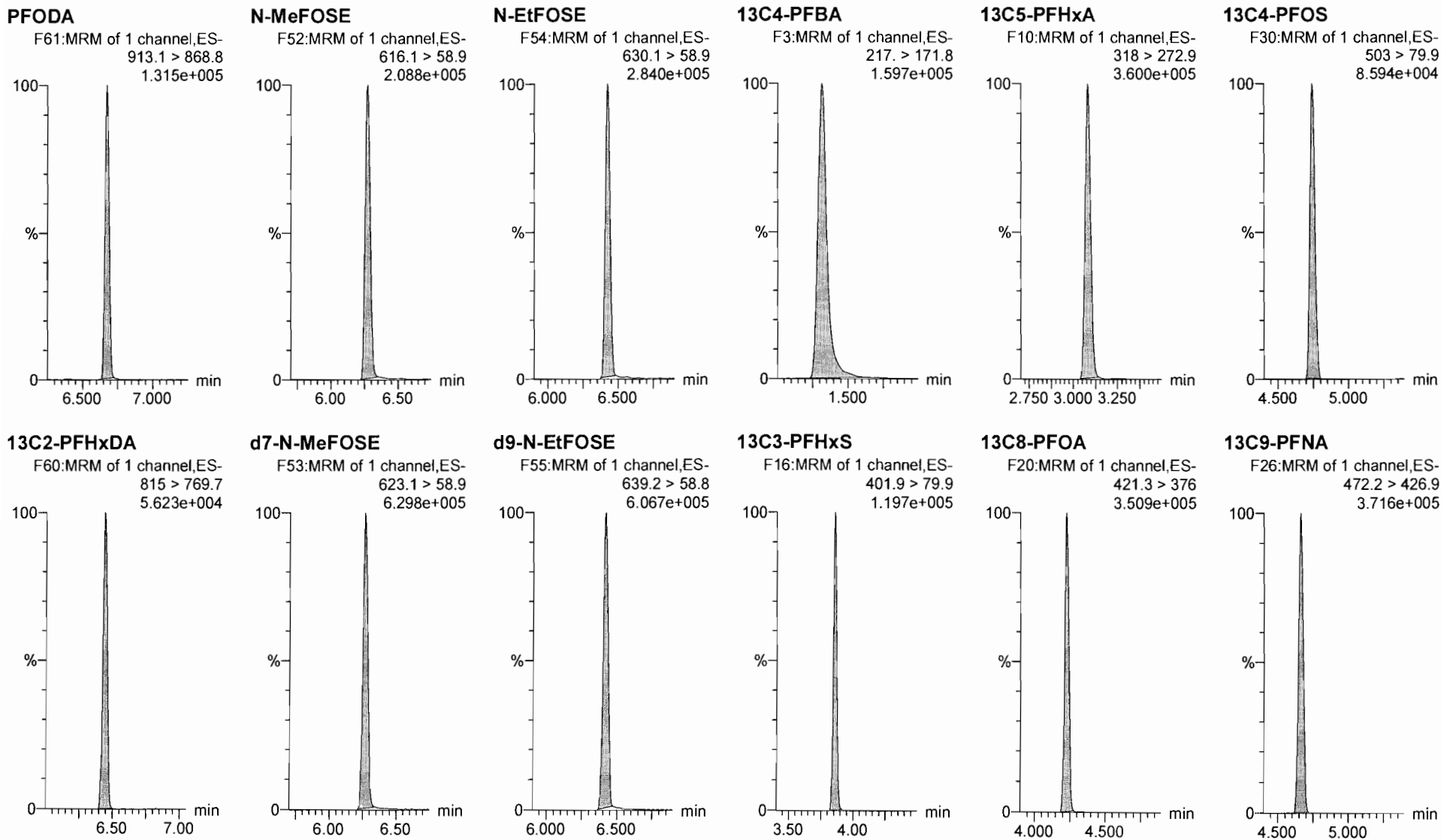


Dataset: U:\Q4.PRO\results\180110M3\180110M3_70.qld

Last Altered: Friday, January 12, 2018 11:32:42 Pacific Standard Time

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Name: 180110M3_70, Date: 11-Jan-2018, Time: 22:14:18, ID: ST180110M3-13 PFC CS3 17L2611, Description: PFC CS3 17L2611



Dataset: U:\Q4.PRO\results\180110M3\180110M3_70.qld

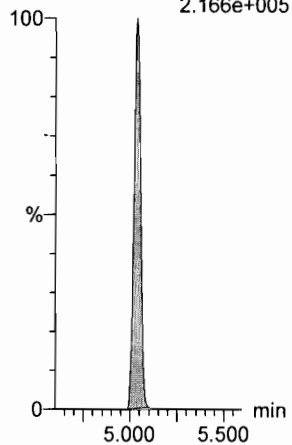
Last Altered: Friday, January 12, 2018 11:32:42 Pacific Standard Time

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Name: 180110M3_70, Date: 11-Jan-2018, Time: 22:14:18, ID: ST180110M3-13 PFC CS3 17L2611, Description: PFC CS3 17L2611

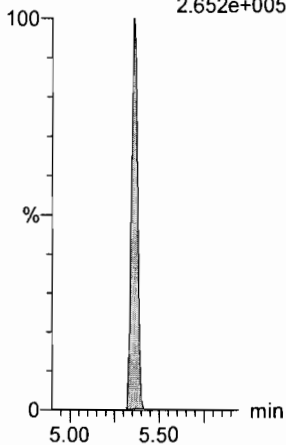
13C6-PFDA

F37:MRM of 1 channel, ES-
519.1 > 473.7
2.166e+005



13C7-PFUdA

F45:MRM of 1 channel, ES-
570.1 > 524.8
2.652e+005



Dataset: U:\Q4.PRO\results\180115M2\180115M2-IIS AREAS.qld

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Method: U:\Q4.PRO\MethDB\PFAS_RS-12-29-17.mdb 30 Dec 2017 10:03:31

Calibration: 16 Jan 2018 11:10:17

Name: 180115M2_6, Date: 16-Jan-2018, Time: 01:11:44, ID: ST180115M2-6 PFC CS3 17L2611, Description: PFC CS3 17L2611

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180115M2-6 PFC CS3 17L2611	1.47e4	100.0	NO
2	2 13C5-PFHxA	ST180115M2-6 PFC CS3 17L2611	1.62e4	100.0	NO
3	3 13C3-PFHxS	ST180115M2-6 PFC CS3 17L2611	3.99e3	100.0	NO
4	4 13C8-PFOA	ST180115M2-6 PFC CS3 17L2611	1.53e4	100.0	NO
5	5 13C9-PFNA	ST180115M2-6 PFC CS3 17L2611	1.67e4	100.0	NO
6	6 13C4-PFOS	ST180115M2-6 PFC CS3 17L2611	3.92e3	100.0	NO
7	7 13C6-PFDA	ST180115M2-6 PFC CS3 17L2611	1.04e4	100.0	NO
8	8 13C7-PFUDa	ST180115M2-6 PFC CS3 17L2611	1.44e4	100.0	NO

Name: 180115M2_7, Date: 16-Jan-2018, Time: 01:23:11, ID: ST180115M2-7 PFC CS4 17L1208, Description: PFC CS4 17L1208

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180115M2-7 PFC CS4 17L1208	1.15e4	78.0	NO
2	2 13C5-PFHxA	ST180115M2-7 PFC CS4 17L1208	1.18e4	73.1	NO
3	3 13C3-PFHxS	ST180115M2-7 PFC CS4 17L1208	2.61e3	65.4	NO
4	4 13C8-PFOA	ST180115M2-7 PFC CS4 17L1208	1.16e4	75.3	NO
5	5 13C9-PFNA	ST180115M2-7 PFC CS4 17L1208	1.16e4	69.3	NO
6	6 13C4-PFOS	ST180115M2-7 PFC CS4 17L1208	3.37e3	86.0	NO
7	7 13C6-PFDA	ST180115M2-7 PFC CS4 17L1208	9.39e3	90.0	NO
8	8 13C7-PFUDa	ST180115M2-7 PFC CS4 17L1208	1.01e4	69.8	NO

Name: 180115M2_8, Date: 16-Jan-2018, Time: 01:34:38, ID: ST180115M2-8 PFC CS5 17L2613, Description: PFC CS5 17L2613

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180115M2-8 PFC CS5 17L2613	1.17e4	79.4	NO
2	2 13C5-PFHxA	ST180115M2-8 PFC CS5 17L2613	1.35e4	83.6	NO
3	3 13C3-PFHxS	ST180115M2-8 PFC CS5 17L2613	2.52e3	63.2	NO
4	4 13C8-PFOA	ST180115M2-8 PFC CS5 17L2613	1.20e4	78.0	NO
5	5 13C9-PFNA	ST180115M2-8 PFC CS5 17L2613	1.23e4	73.7	NO
6	6 13C4-PFOS	ST180115M2-8 PFC CS5 17L2613	2.59e3	66.0	NO
7	7 13C6-PFDA	ST180115M2-8 PFC CS5 17L2613	9.28e3	88.9	NO
8	8 13C7-PFUDa	ST180115M2-8 PFC CS5 17L2613	1.44e4	99.5	NO

Name: 180115M2_9, Date: 16-Jan-2018, Time: 01:46:05, 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

Dataset: U:\Q4.PRO\results\180115M2\180115M2-IIS AREAS.qld

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Name: 180115M2_10, Date: 16-Jan-2018, Time: 01:57:31, ID: ICV180115M2-1 PFC ICV 17L1201, Description: PFC ICV 17L1201

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ICV180115M2-1 PFC ICV 17L1201	4.78e4	325.4	YES
2	2 13C5-PFHxA	ICV180115M2-1 PFC ICV 17L1201	5.13e4	317.8	YES
3	3 13C3-PFHxS	ICV180115M2-1 PFC ICV 17L1201	1.25e4	313.9	YES
4	4 13C8-PFOA	ICV180115M2-1 PFC ICV 17L1201	4.79e4	312.1	YES
5	5 13C9-PFNA	ICV180115M2-1 PFC ICV 17L1201	4.38e4	262.6	YES
6	6 13C4-PFOS	ICV180115M2-1 PFC ICV 17L1201	1.14e4	292.2	YES
7	7 13C6-PFDA	ICV180115M2-1 PFC ICV 17L1201	3.72e4	356.1	YES
8	8 13C7-PFUDa	ICV180115M2-1 PFC ICV 17L1201	1.79e4	124.3	NO

Name: 180115M2_11, Date: 16-Jan-2018, Time: 02:08:58, 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: 180115M2_12, Date: 16-Jan-2018, Time: 02:20:26, ID: 1701851-03 FT-PZ-455S-20171202 0.2638, Description: FT-PZ-455S-20171202

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701851-03 FT-PZ-455S-20171202 0.2...	8.60e3	58.5	NO
2	2 13C5-PFHxA	1701851-03 FT-PZ-455S-20171202 0.2...	1.04e4	64.2	NO
3	3 13C3-PFHxS	1701851-03 FT-PZ-455S-20171202 0.2...	2.42e3	60.7	NO
4	4 13C8-PFOA	1701851-03 FT-PZ-455S-20171202 0.2...	8.79e3	57.3	NO
5	5 13C9-PFNA	1701851-03 FT-PZ-455S-20171202 0.2...	1.07e4	64.3	NO
6	6 13C4-PFOS	1701851-03 FT-PZ-455S-20171202 0.2...	2.57e3	65.6	NO
7	7 13C6-PFDA	1701851-03 FT-PZ-455S-20171202 0.2...	7.87e3	75.4	NO
8	8 13C7-PFUDa	1701851-03 FT-PZ-455S-20171202 0.2...	9.26e3	64.2	NO

Name: 180115M2_13, Date: 16-Jan-2018, Time: 02:31:52, ID: 1701851-04 FT-PZ-455I-20171202 0.25637, Description: FT-PZ-455I-20171202

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701851-04 FT-PZ-455I-20171202 0.25...	8.34e3	56.8	NO
2	2 13C5-PFHxA	1701851-04 FT-PZ-455I-20171202 0.25...	1.01e4	62.6	NO
3	3 13C3-PFHxS	1701851-04 FT-PZ-455I-20171202 0.25...	2.64e3	66.2	NO
4	4 13C8-PFOA	1701851-04 FT-PZ-455I-20171202 0.25...	8.86e3	57.8	NO
5	5 13C9-PFNA	1701851-04 FT-PZ-455I-20171202 0.25...	9.84e3	58.9	NO
6	6 13C4-PFOS	1701851-04 FT-PZ-455I-20171202 0.25...	3.11e3	79.5	NO
7	7 13C6-PFDA	1701851-04 FT-PZ-455I-20171202 0.25...	7.12e3	68.2	NO
8	8 13C7-PFUDa	1701851-04 FT-PZ-455I-20171202 0.25...	9.78e3	67.8	NO

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Name: 180115M2_14, Date: 16-Jan-2018, Time: 02:43:19, ID: 1701851-05 FT-PZ-453S-20171202 0.23285,
Description: FT-PZ-453S-20171202

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701851-05 FT-PZ-453S-20171202 0.2...	8.35e3	56.8	NO
2	2 13C5-PFHxA	1701851-05 FT-PZ-453S-20171202 0.2...	9.66e3	59.8	NO
3	3 13C3-PFHxS	1701851-05 FT-PZ-453S-20171202 0.2...	2.35e3	58.8	NO
4	4 13C8-PFOA	1701851-05 FT-PZ-453S-20171202 0.2...	8.60e3	56.1	NO
5	5 13C9-PFNA	1701851-05 FT-PZ-453S-20171202 0.2...	8.81e3	52.8	NO
6	6 13C4-PFOS	1701851-05 FT-PZ-453S-20171202 0.2...	2.23e3	56.9	NO
7	7 13C6-PFDA	1701851-05 FT-PZ-453S-20171202 0.2...	7.23e3	69.3	NO
8	8 13C7-PFUDa	1701851-05 FT-PZ-453S-20171202 0.2...	7.83e3	54.3	NO

Name: 180115M2_15, Date: 16-Jan-2018, Time: 02:54:46, ID: 1701851-06 FT-PZ-453S-FRB-20171202 0.26159,
Description: FT-PZ-453S-FRB-20171202

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701851-06 FT-PZ-453S-FRB-2017120...	9.38e3	63.8	NO
2	2 13C5-PFHxA	1701851-06 FT-PZ-453S-FRB-2017120...	1.12e4	69.5	NO
3	3 13C3-PFHxS	1701851-06 FT-PZ-453S-FRB-2017120...	2.51e3	63.0	NO
4	4 13C8-PFOA	1701851-06 FT-PZ-453S-FRB-2017120...	1.03e4	67.4	NO
5	5 13C9-PFNA	1701851-06 FT-PZ-453S-FRB-2017120...	1.09e4	65.5	NO
6	6 13C4-PFOS	1701851-06 FT-PZ-453S-FRB-2017120...	2.34e3	59.8	NO
7	7 13C6-PFDA	1701851-06 FT-PZ-453S-FRB-2017120...	9.37e3	89.8	NO
8	8 13C7-PFUDa	1701851-06 FT-PZ-453S-FRB-2017120...	1.17e4	81.1	NO

Name: 180115M2_16, Date: 16-Jan-2018, Time: 03:06:13, ID: 1701851-07 FT-PZ-456I-FRB-20171204 0.2536,
Description: FT-PZ-456I-FRB-20171204

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701851-07 FT-PZ-456I-FRB-20171204...	7.89e3	53.7	NO
2	2 13C5-PFHxA	1701851-07 FT-PZ-456I-FRB-20171204...	8.86e3	54.8	NO
3	3 13C3-PFHxS	1701851-07 FT-PZ-456I-FRB-20171204...	2.28e3	57.1	NO
4	4 13C8-PFOA	1701851-07 FT-PZ-456I-FRB-20171204...	9.40e3	61.3	NO
5	5 13C9-PFNA	1701851-07 FT-PZ-456I-FRB-20171204...	7.59e3	45.5	YES
6	6 13C4-PFOS	1701851-07 FT-PZ-456I-FRB-20171204...	2.20e3	56.1	NO
7	7 13C6-PFDA	1701851-07 FT-PZ-456I-FRB-20171204...	7.25e3	69.5	NO
8	8 13C7-PFUDa	1701851-07 FT-PZ-456I-FRB-20171204...	9.02e3	62.5	NO

Name: 180115M2_17, Date: 16-Jan-2018, Time: 03:17:39, ID: 1701851-08 FT-PZ-456I-20171204 0.26041,
Description: FT-PZ-456I-20171204

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701851-08 FT-PZ-456I-20171204 0.26...	9.60e3	65.3	NO
2	2 13C5-PFHxA	1701851-08 FT-PZ-456I-20171204 0.26...	1.06e4	65.6	NO
3	3 13C3-PFHxS	1701851-08 FT-PZ-456I-20171204 0.26...	2.61e3	65.3	NO
4	4 13C8-PFOA	1701851-08 FT-PZ-456I-20171204 0.26...	9.59e3	62.5	NO
5	5 13C9-PFNA	1701851-08 FT-PZ-456I-20171204 0.26...	1.08e4	64.6	NO
6	6 13C4-PFOS	1701851-08 FT-PZ-456I-20171204 0.26...	2.56e3	65.4	NO
7	7 13C6-PFDA	1701851-08 FT-PZ-456I-20171204 0.26...	6.50e3	62.3	NO
8	8 13C7-PFUDa	1701851-08 FT-PZ-456I-20171204 0.26...	9.51e3	65.9	NO

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Name: 180115M2_18, Date: 16-Jan-2018, Time: 03:29:06, ID: 1701851-09 FT-PZ-456S-20171204 0.25898,
Description: FT-PZ-456S-20171204

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701851-09 FT-PZ-456S-20171204 0.2...	8.84e3	60.1	NO
2	2 13C5-PFHxA	1701851-09 FT-PZ-456S-20171204 0.2...	9.17e3	56.8	NO
3	3 13C3-PFHxS	1701851-09 FT-PZ-456S-20171204 0.2...	2.47e3	61.8	NO
4	4 13C8-PFOA	1701851-09 FT-PZ-456S-20171204 0.2...	9.26e3	60.4	NO
5	5 13C9-PFNA	1701851-09 FT-PZ-456S-20171204 0.2...	8.88e3	53.2	NO
6	6 13C4-PFOS	1701851-09 FT-PZ-456S-20171204 0.2...	2.17e3	55.3	NO
7	7 13C6-PFDA	1701851-09 FT-PZ-456S-20171204 0.2...	7.59e3	72.8	NO
8	8 13C7-PFUDa	1701851-09 FT-PZ-456S-20171204 0.2...	1.04e4	72.0	NO

Name: 180115M2_19, Date: 16-Jan-2018, Time: 03:40:33, ID: 1701944-01 GW-PT-CHIN-254.5-260.5 0.11993,
Description: GW-PT-CHIN-254.5-260.5

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701944-01 GW-PT-CHIN-254.5-260.5 ...	6.98e3	47.5	YES
2	2 13C5-PFHxA	1701944-01 GW-PT-CHIN-254.5-260.5 ...	7.85e3	48.6	YES
3	3 13C3-PFHxS	1701944-01 GW-PT-CHIN-254.5-260.5 ...	2.26e3	56.6	NO
4	4 13C8-PFOA	1701944-01 GW-PT-CHIN-254.5-260.5 ...	7.24e3	47.2	YES
5	5 13C9-PFNA	1701944-01 GW-PT-CHIN-254.5-260.5 ...	7.45e3	44.6	YES
6	6 13C4-PFOS	1701944-01 GW-PT-CHIN-254.5-260.5 ...	2.34e3	59.7	NO
7	7 13C6-PFDA	1701944-01 GW-PT-CHIN-254.5-260.5 ...	6.01e3	57.6	NO
8	8 13C7-PFUDa	1701944-01 GW-PT-CHIN-254.5-260.5 ...	8.17e3	56.7	NO

Name: 180115M2_20, Date: 16-Jan-2018, Time: 03:52:00, ID: 1701944-02 GW-PT-CHIN-71-77 0.11916,
Description: GW-PT-CHIN-71-77

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701944-02 GW-PT-CHIN-71-77 0.11916	7.43e3	50.5	NO
2	2 13C5-PFHxA	1701944-02 GW-PT-CHIN-71-77 0.11916	9.19e3	56.9	NO
3	3 13C3-PFHxS	1701944-02 GW-PT-CHIN-71-77 0.11916	2.43e3	60.9	NO
4	4 13C8-PFOA	1701944-02 GW-PT-CHIN-71-77 0.11916	8.91e3	58.0	NO
5	5 13C9-PFNA	1701944-02 GW-PT-CHIN-71-77 0.11916	9.21e3	55.2	NO
6	6 13C4-PFOS	1701944-02 GW-PT-CHIN-71-77 0.11916	2.21e3	56.5	NO
7	7 13C6-PFDA	1701944-02 GW-PT-CHIN-71-77 0.11916	7.93e3	76.0	NO
8	8 13C7-PFUDa	1701944-02 GW-PT-CHIN-71-77 0.11916	8.31e3	57.6	NO

Name: 180115M2_21, Date: 16-Jan-2018, Time: 04:03:27, ID: 1701944-03 GW-PT-CHIN-178-184 0.11889,
Description: GW-PT-CHIN-178-184

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701944-03 GW-PT-CHIN-178-184 0.11...	7.24e3	49.3	YES
2	2 13C5-PFHxA	1701944-03 GW-PT-CHIN-178-184 0.11...	8.77e3	54.3	NO
3	3 13C3-PFHxS	1701944-03 GW-PT-CHIN-178-184 0.11...	2.32e3	58.2	NO
4	4 13C8-PFOA	1701944-03 GW-PT-CHIN-178-184 0.11...	7.74e3	50.5	NO
5	5 13C9-PFNA	1701944-03 GW-PT-CHIN-178-184 0.11...	8.14e3	48.8	YES
6	6 13C4-PFOS	1701944-03 GW-PT-CHIN-178-184 0.11...	2.31e3	59.0	NO
7	7 13C6-PFDA	1701944-03 GW-PT-CHIN-178-184 0.11...	6.14e3	58.9	NO
8	8 13C7-PFUDa	1701944-03 GW-PT-CHIN-178-184 0.11...	7.98e3	55.3	NO

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Name: 180115M2_22, Date: 16-Jan-2018, Time: 04:14:54, ID: 1701944-04 GW-PT-CHIN-108-114 0.12008, Description: GW-PT-CHIN-108-114

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701944-04 GW-PT-CHIN-108-114 0.12...	7.61e3	51.7	NO
2	2 13C5-PFHxA	1701944-04 GW-PT-CHIN-108-114 0.12...	9.93e3	61.5	NO
3	3 13C3-PFHxS	1701944-04 GW-PT-CHIN-108-114 0.12...	2.66e3	66.6	NO
4	4 13C8-PFOA	1701944-04 GW-PT-CHIN-108-114 0.12...	7.85e3	51.1	NO
5	5 13C9-PFNA	1701944-04 GW-PT-CHIN-108-114 0.12...	8.66e3	51.9	NO
6	6 13C4-PFOS	1701944-04 GW-PT-CHIN-108-114 0.12...	2.39e3	60.9	NO
7	7 13C6-PFDA	1701944-04 GW-PT-CHIN-108-114 0.12...	5.87e3	56.3	NO
8	8 13C7-PFUDa	1701944-04 GW-PT-CHIN-108-114 0.12...	9.31e3	64.5	NO

Name: 180115M2_23, Date: 16-Jan-2018, Time: 04:26:21, ID: 1701944-05 GW-PT-CHIN-57-63 0.11948, Description: GW-PT-CHIN-57-63

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701944-05 GW-PT-CHIN-57-63 0.11948	6.76e3	46.0	YES
2	2 13C5-PFHxA	1701944-05 GW-PT-CHIN-57-63 0.11948	8.03e3	49.7	YES
3	3 13C3-PFHxS	1701944-05 GW-PT-CHIN-57-63 0.11948	2.16e3	54.1	NO
4	4 13C8-PFOA	1701944-05 GW-PT-CHIN-57-63 0.11948	8.59e3	56.0	NO
5	5 13C9-PFNA	1701944-05 GW-PT-CHIN-57-63 0.11948	6.49e3	38.9	YES
6	6 13C4-PFOS	1701944-05 GW-PT-CHIN-57-63 0.11948	2.00e3	51.2	NO
7	7 13C6-PFDA	1701944-05 GW-PT-CHIN-57-63 0.11948	6.27e3	60.1	NO
8	8 13C7-PFUDa	1701944-05 GW-PT-CHIN-57-63 0.11948	8.23e3	57.0	NO

Name: 180115M2_24, Date: 16-Jan-2018, Time: 04:37:48, ID: 1701944-06 FB-PT-Diwater 0.11902, Description: FB-PT-Diwater

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701944-06 FB-PT-Diwater 0.11902	8.06e3	54.9	NO
2	2 13C5-PFHxA	1701944-06 FB-PT-Diwater 0.11902	9.54e3	59.0	NO
3	3 13C3-PFHxS	1701944-06 FB-PT-Diwater 0.11902	2.38e3	59.7	NO
4	4 13C8-PFOA	1701944-06 FB-PT-Diwater 0.11902	8.10e3	52.8	NO
5	5 13C9-PFNA	1701944-06 FB-PT-Diwater 0.11902	8.91e3	53.4	NO
6	6 13C4-PFOS	1701944-06 FB-PT-Diwater 0.11902	2.22e3	56.6	NO
7	7 13C6-PFDA	1701944-06 FB-PT-Diwater 0.11902	7.44e3	71.3	NO
8	8 13C7-PFUDa	1701944-06 FB-PT-Diwater 0.11902	9.42e3	65.3	NO

Name: 180115M2_25, Date: 16-Jan-2018, Time: 04:49:15, 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

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Name: 180115M2_26, Date: 16-Jan-2018, Time: 05:00:41, ID: ST180115M2-9 PFC CS3 17L2611, Description: PFC CS3 17L2611

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180115M2-9 PFC CS3 17L2611	1.55e4	105.5	NO
2	2 13C5-PFHxA	ST180115M2-9 PFC CS3 17L2611	1.78e4	109.9	NO
3	3 13C3-PFHxS	ST180115M2-9 PFC CS3 17L2611	4.51e3	113.1	NO
4	4 13C8-PFOA	ST180115M2-9 PFC CS3 17L2611	1.33e4	86.5	NO
5	5 13C9-PFNA	ST180115M2-9 PFC CS3 17L2611	1.40e4	84.1	NO
6	6 13C4-PFOS	ST180115M2-9 PFC CS3 17L2611	3.96e3	101.0	NO
7	7 13C6-PFDA	ST180115M2-9 PFC CS3 17L2611	1.08e4	103.8	NO
8	8 13C7-PFUDa	ST180115M2-9 PFC CS3 17L2611	1.63e4	113.2	NO

Name: 180115M2_27, Date: 16-Jan-2018, Time: 05:12:08, 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: 180115M2_28, Date: 16-Jan-2018, Time: 05:23:43, ID: 1701944-07 GW-PT-CHIN-254.5-260.5-Dup 0.11913, Description: GW-PT-CHIN-254.5-260.5-Dup

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701944-07 GW-PT-CHIN-254.5-260.5-...	6.74e3	45.8	YES
2	2 13C5-PFHxA	1701944-07 GW-PT-CHIN-254.5-260.5-...	7.67e3	47.5	YES
3	3 13C3-PFHxS	1701944-07 GW-PT-CHIN-254.5-260.5-...	2.17e3	54.4	NO
4	4 13C8-PFOA	1701944-07 GW-PT-CHIN-254.5-260.5-...	6.41e3	41.7	YES
5	5 13C9-PFNA	1701944-07 GW-PT-CHIN-254.5-260.5-...	6.97e3	41.8	YES
6	6 13C4-PFOS	1701944-07 GW-PT-CHIN-254.5-260.5-...	2.11e3	53.8	NO
7	7 13C6-PFDA	1701944-07 GW-PT-CHIN-254.5-260.5-...	5.30e3	50.8	NO
8	8 13C7-PFUDa	1701944-07 GW-PT-CHIN-254.5-260.5-...	8.44e3	58.5	NO

Name: 180115M2_29, Date: 16-Jan-2018, Time: 05:35:10, ID: 1701944-08 GW-PT-CHIN-116-122 0.11949, Description: GW-PT-CHIN-116-122

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701944-08 GW-PT-CHIN-116-122 0.11...	7.70e3	52.4	NO
2	2 13C5-PFHxA	1701944-08 GW-PT-CHIN-116-122 0.11...	8.06e3	49.9	NO
3	3 13C3-PFHxS	1701944-08 GW-PT-CHIN-116-122 0.11...	2.51e3	62.8	NO
4	4 13C8-PFOA	1701944-08 GW-PT-CHIN-116-122 0.11...	8.37e3	54.6	NO
5	5 13C9-PFNA	1701944-08 GW-PT-CHIN-116-122 0.11...	7.95e3	47.6	YES
6	6 13C4-PFOS	1701944-08 GW-PT-CHIN-116-122 0.11...	2.34e3	59.8	NO
7	7 13C6-PFDA	1701944-08 GW-PT-CHIN-116-122 0.11...	5.90e3	56.5	NO
8	8 13C7-PFUDa	1701944-08 GW-PT-CHIN-116-122 0.11...	9.04e3	62.6	NO

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Name: 180115M2_30, Date: 16-Jan-2018, Time: 05:46:37, ID: 1701944-09 EB-PT-Waterlevel 0.10468, Description: EB-PT-Waterlevel

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701944-09 EB-PT-Waterlevel 0.10468	8.59e3	58.4	NO
2	2 13C5-PFHxA	1701944-09 EB-PT-Waterlevel 0.10468	9.71e3	60.1	NO
3	3 13C3-PFHxS	1701944-09 EB-PT-Waterlevel 0.10468	2.43e3	61.0	NO
4	4 13C8-PFOA	1701944-09 EB-PT-Waterlevel 0.10468	8.49e3	55.3	NO
5	5 13C9-PFNA	1701944-09 EB-PT-Waterlevel 0.10468	8.11e3	48.6	YES
6	6 13C4-PFOS	1701944-09 EB-PT-Waterlevel 0.10468	2.55e3	65.1	NO
7	7 13C6-PFDA	1701944-09 EB-PT-Waterlevel 0.10468	6.69e3	64.2	NO
8	8 13C7-PFUDa	1701944-09 EB-PT-Waterlevel 0.10468	9.80e3	67.9	NO

Name: 180115M2_31, Date: 16-Jan-2018, Time: 05:58:04, ID: 1701944-10 EB-PT-grundfos 0.11733, Description: EB-PT-grundfos

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701944-10 EB-PT-grundfos 0.11733	7.26e3	49.4	YES
2	2 13C5-PFHxA	1701944-10 EB-PT-grundfos 0.11733	8.99e3	55.6	NO
3	3 13C3-PFHxS	1701944-10 EB-PT-grundfos 0.11733	2.33e3	58.3	NO
4	4 13C8-PFOA	1701944-10 EB-PT-grundfos 0.11733	7.78e3	50.7	NO
5	5 13C9-PFNA	1701944-10 EB-PT-grundfos 0.11733	8.60e3	51.5	NO
6	6 13C4-PFOS	1701944-10 EB-PT-grundfos 0.11733	1.99e3	50.8	NO
7	7 13C6-PFDA	1701944-10 EB-PT-grundfos 0.11733	6.96e3	66.7	NO
8	8 13C7-PFUDa	1701944-10 EB-PT-grundfos 0.11733	8.31e3	57.6	NO

Name: 180115M2_32, Date: 16-Jan-2018, Time: 06:09:30, ID: 1701944-11 GW-PT-CHIN-170-176 0.11561, Description: GW-PT-CHIN-170-176

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701944-11 GW-PT-CHIN-170-176 0.11...	7.24e3	49.3	YES
2	2 13C5-PFHxA	1701944-11 GW-PT-CHIN-170-176 0.11...	8.31e3	51.4	NO
3	3 13C3-PFHxS	1701944-11 GW-PT-CHIN-170-176 0.11...	2.21e3	55.5	NO
4	4 13C8-PFOA	1701944-11 GW-PT-CHIN-170-176 0.11...	8.17e3	53.3	NO
5	5 13C9-PFNA	1701944-11 GW-PT-CHIN-170-176 0.11...	7.85e3	47.0	YES
6	6 13C4-PFOS	1701944-11 GW-PT-CHIN-170-176 0.11...	2.17e3	55.4	NO
7	7 13C6-PFDA	1701944-11 GW-PT-CHIN-170-176 0.11...	6.49e3	62.2	NO
8	8 13C7-PFUDa	1701944-11 GW-PT-CHIN-170-176 0.11...	8.57e3	59.4	NO

Name: 180115M2_33, Date: 16-Jan-2018, Time: 06:20:58, ID: 1701944-12 GW-PT-CHIN-271.5-277.5 0.11931, Description: GW-PT-CHIN-271.5-277.5

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701944-12 GW-PT-CHIN-271.5-277.5 ...	7.19e3	48.9	YES
2	2 13C5-PFHxA	1701944-12 GW-PT-CHIN-271.5-277.5 ...	8.78e3	54.3	NO
3	3 13C3-PFHxS	1701944-12 GW-PT-CHIN-271.5-277.5 ...	2.01e3	50.4	NO
4	4 13C8-PFOA	1701944-12 GW-PT-CHIN-271.5-277.5 ...	7.80e3	50.8	NO
5	5 13C9-PFNA	1701944-12 GW-PT-CHIN-271.5-277.5 ...	6.71e3	40.2	YES
6	6 13C4-PFOS	1701944-12 GW-PT-CHIN-271.5-277.5 ...	2.40e3	61.2	NO
7	7 13C6-PFDA	1701944-12 GW-PT-CHIN-271.5-277.5 ...	5.62e3	53.9	NO
8	8 13C7-PFUDa	1701944-12 GW-PT-CHIN-271.5-277.5 ...	9.57e3	66.3	NO

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Name: 180115M2_34, Date: 16-Jan-2018, Time: 06:32:24, ID: 1701944-13 EB-PT-Packers 0.11813, Description: EB-PT-Packers

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701944-13 EB-PT-Packers 0.11813	7.34e3	49.9	NO
2	2 13C5-PFHxA	1701944-13 EB-PT-Packers 0.11813	8.26e3	51.1	NO
3	3 13C3-PFHxS	1701944-13 EB-PT-Packers 0.11813	2.05e3	51.3	NO
4	4 13C8-PFOA	1701944-13 EB-PT-Packers 0.11813	7.73e3	50.4	NO
5	5 13C9-PFNA	1701944-13 EB-PT-Packers 0.11813	7.71e3	46.2	YES
6	6 13C4-PFOS	1701944-13 EB-PT-Packers 0.11813	2.31e3	59.0	NO
7	7 13C6-PFDA	1701944-13 EB-PT-Packers 0.11813	5.98e3	57.3	NO
8	8 13C7-PFUdA	1701944-13 EB-PT-Packers 0.11813	8.92e3	61.8	NO

Name: 180115M2_35, Date: 16-Jan-2018, Time: 06:43:51, ID: B7L0120-BS1 OPR 0.25, Description: OPR

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B7L0120-BS1 OPR 0.25	7.98e3	54.3	NO
2	2 13C5-PFHxA	B7L0120-BS1 OPR 0.25	9.24e3	57.2	NO
3	3 13C3-PFHxS	B7L0120-BS1 OPR 0.25	2.10e3	52.5	NO
4	4 13C8-PFOA	B7L0120-BS1 OPR 0.25	7.88e3	51.3	NO
5	5 13C9-PFNA	B7L0120-BS1 OPR 0.25	9.11e3	54.6	NO
6	6 13C4-PFOS	B7L0120-BS1 OPR 0.25	2.47e3	63.1	NO
7	7 13C6-PFDA	B7L0120-BS1 OPR 0.25	5.96e3	57.1	NO
8	8 13C7-PFUdA	B7L0120-BS1 OPR 0.25	8.95e3	62.0	NO

Name: 180115M2_36, Date: 16-Jan-2018, Time: 06:55:18, ID: B7L0120-BSD1 LCSD 0.25, Description: LCSD

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B7L0120-BSD1 LCSD 0.25	8.49e3	57.7	NO
2	2 13C5-PFHxA	B7L0120-BSD1 LCSD 0.25	9.21e3	57.0	NO
3	3 13C3-PFHxS	B7L0120-BSD1 LCSD 0.25	2.35e3	58.8	NO
4	4 13C8-PFOA	B7L0120-BSD1 LCSD 0.25	7.90e3	51.5	NO
5	5 13C9-PFNA	B7L0120-BSD1 LCSD 0.25	1.10e4	65.8	NO
6	6 13C4-PFOS	B7L0120-BSD1 LCSD 0.25	2.66e3	67.8	NO
7	7 13C6-PFDA	B7L0120-BSD1 LCSD 0.25	6.14e3	58.9	NO
8	8 13C7-PFUdA	B7L0120-BSD1 LCSD 0.25	9.78e3	67.8	NO

Name: 180115M2_37, Date: 16-Jan-2018, Time: 07:06:45, 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	5.88e0	0.0	YES

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Name: 180115M2_38, Date: 16-Jan-2018, Time: 07:18:12, ID: B7L0120-BLK1 Method Blank 0.25, Description: Method Blank

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	B7L0120-BLK1 Method Blank 0.25	6.75e3	45.9	YES
2	2 13C5-PFHxA	B7L0120-BLK1 Method Blank 0.25	7.28e3	45.0	YES
3	3 13C3-PFHxS	B7L0120-BLK1 Method Blank 0.25	2.26e3	56.7	NO
4	4 13C8-PFOA	B7L0120-BLK1 Method Blank 0.25	6.70e3	43.7	YES
5	5 13C9-PFNA	B7L0120-BLK1 Method Blank 0.25	6.41e3	38.4	YES
6	6 13C4-PFOS	B7L0120-BLK1 Method Blank 0.25	1.74e3	44.3	YES
7	7 13C6-PFDA	B7L0120-BLK1 Method Blank 0.25	5.92e3	56.7	NO
8	8 13C7-PFUDa	B7L0120-BLK1 Method Blank 0.25	7.32e3	50.8	NO

Name: 180115M2_39, Date: 16-Jan-2018, Time: 07:29:39, ID: 1701886-01 YS22-EB01-120417 0.11748, Description: YS22-EB01-120417

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701886-01 YS22-EB01-120417 0.11748	8.55e3	58.2	NO
2	2 13C5-PFHxA	1701886-01 YS22-EB01-120417 0.11748	1.03e4	63.7	NO
3	3 13C3-PFHxS	1701886-01 YS22-EB01-120417 0.11748	2.56e3	64.0	NO
4	4 13C8-PFOA	1701886-01 YS22-EB01-120417 0.11748	9.58e3	62.4	NO
5	5 13C9-PFNA	1701886-01 YS22-EB01-120417 0.11748	9.68e3	58.0	NO
6	6 13C4-PFOS	1701886-01 YS22-EB01-120417 0.11748	2.76e3	70.5	NO
7	7 13C6-PFDA	1701886-01 YS22-EB01-120417 0.11748	8.14e3	78.0	NO
8	8 13C7-PFUDa	1701886-01 YS22-EB01-120417 0.11748	8.53e3	59.1	NO

Name: 180115M2_40, Date: 16-Jan-2018, Time: 07:41:05, ID: 1701886-02 YS22-AQ-120517 0.11801, Description: YS22-AQ-120517

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701886-02 YS22-AQ-120517 0.11801	7.58e3	51.5	NO
2	2 13C5-PFHxA	1701886-02 YS22-AQ-120517 0.11801	8.53e3	52.8	NO
3	3 13C3-PFHxS	1701886-02 YS22-AQ-120517 0.11801	2.28e3	57.2	NO
4	4 13C8-PFOA	1701886-02 YS22-AQ-120517 0.11801	8.41e3	54.8	NO
5	5 13C9-PFNA	1701886-02 YS22-AQ-120517 0.11801	7.46e3	44.7	YES
6	6 13C4-PFOS	1701886-02 YS22-AQ-120517 0.11801	2.08e3	53.1	NO
7	7 13C6-PFDA	1701886-02 YS22-AQ-120517 0.11801	6.28e3	60.2	NO
8	8 13C7-PFUDa	1701886-02 YS22-AQ-120517 0.11801	7.43e3	51.5	NO

Name: 180115M2_41, Date: 16-Jan-2018, Time: 07:52:32, ID: 1701886-03 YS22-GW18-1217 0.11927, Description: YS22-GW18-1217

#	Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	1701886-03 YS22-GW18-1217 0.11927	7.00e3	47.6	YES
2	2 13C5-PFHxA	1701886-03 YS22-GW18-1217 0.11927	7.86e3	48.6	YES
3	3 13C3-PFHxS	1701886-03 YS22-GW18-1217 0.11927	1.77e3	44.4	YES
4	4 13C8-PFOA	1701886-03 YS22-GW18-1217 0.11927	7.53e3	49.1	YES
5	5 13C9-PFNA	1701886-03 YS22-GW18-1217 0.11927	8.68e3	52.0	NO
6	6 13C4-PFOS	1701886-03 YS22-GW18-1217 0.11927	2.08e3	53.1	NO
7	7 13C6-PFDA	1701886-03 YS22-GW18-1217 0.11927	5.56e3	53.3	NO
8	8 13C7-PFUDa	1701886-03 YS22-GW18-1217 0.11927	7.73e3	53.5	NO

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Name: 180115M2_42, Date: 16-Jan-2018, Time: 08:04:00, 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: 180115M2_43, Date: 16-Jan-2018, Time: 08:15:26, ID: ST180115M2-10 PFC CS3 17L2611, Description: PFC CS3 17L2611

	# Name	ID	Area	%Rec	Area Out
1	1 13C4-PFBA	ST180115M2-10 PFC CS3 17L2611	1.64e4	111.3	NO
2	2 13C5-PFHxA	ST180115M2-10 PFC CS3 17L2611	1.94e4	120.0	NO
3	3 13C3-PFHxS	ST180115M2-10 PFC CS3 17L2611	4.50e3	112.7	NO
4	4 13C8-PFOA	ST180115M2-10 PFC CS3 17L2611	1.50e4	97.6	NO
5	5 13C9-PFNA	ST180115M2-10 PFC CS3 17L2611	1.69e4	101.2	NO
6	6 13C4-PFOS	ST180115M2-10 PFC CS3 17L2611	3.84e3	98.1	NO
7	7 13C6-PFDA	ST180115M2-10 PFC CS3 17L2611	1.15e4	109.8	NO
8	8 13C7-PFUdA	ST180115M2-10 PFC CS3 17L2611	1.60e4	110.6	NO

Name: 180115M2_44, Date: 16-Jan-2018, Time: 08:26:53, 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

Dataset: U:\Q4.PRO\results\180115M1\180115M1-3.qld

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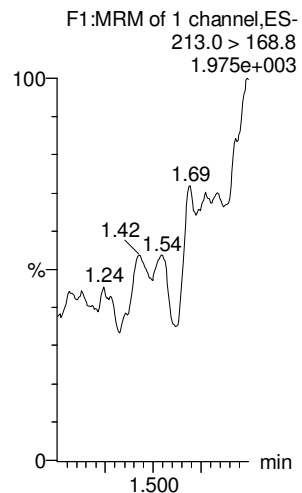
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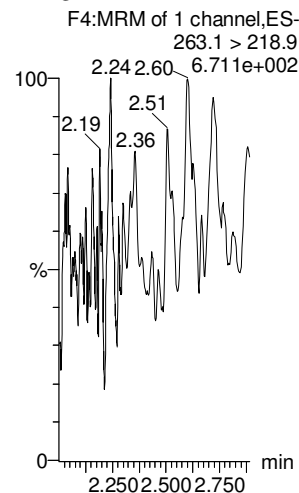
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Name: 180115M1_3, Date: 15-Jan-2018, Time: 10:52:47, ID: IPA, Description: IPA

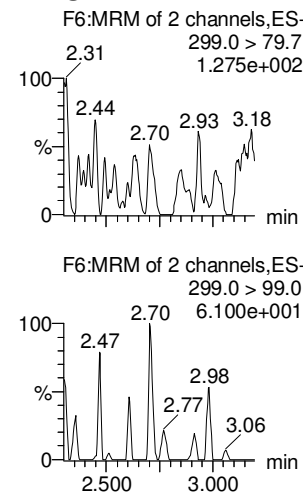
PFBA



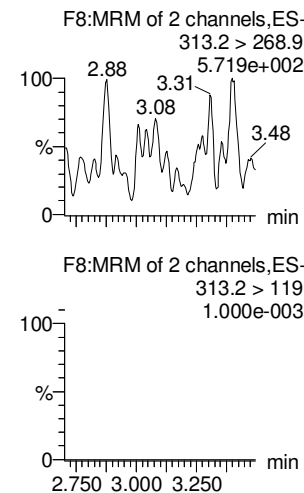
PFPeA



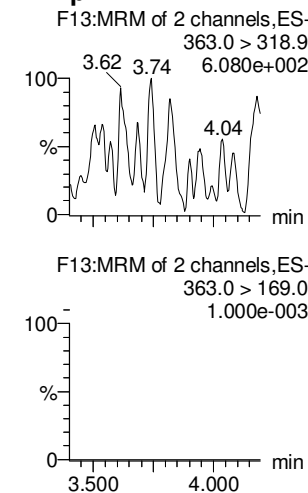
PFBS



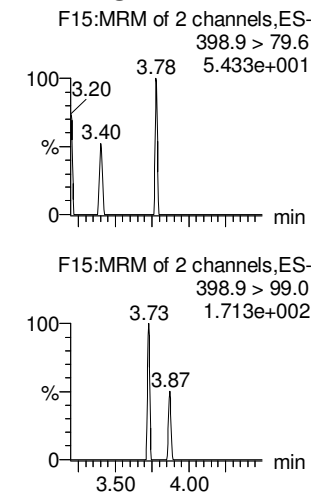
PFHxA



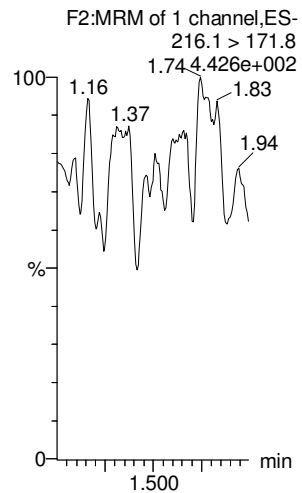
PFHpA



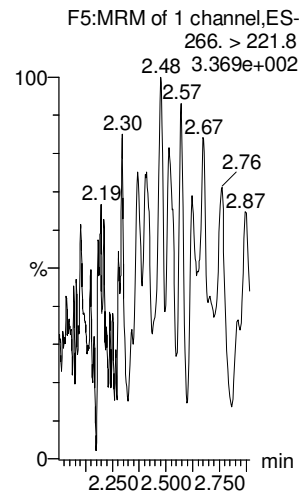
L-PFHxS



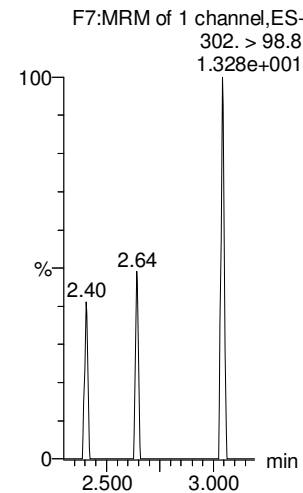
13C3-PFBA



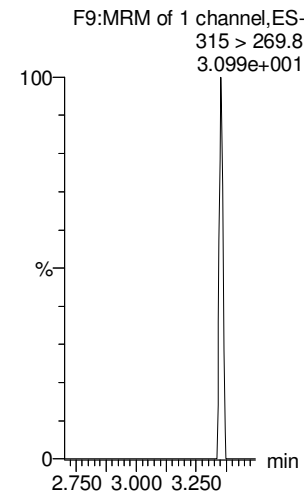
13C3-PFPeA



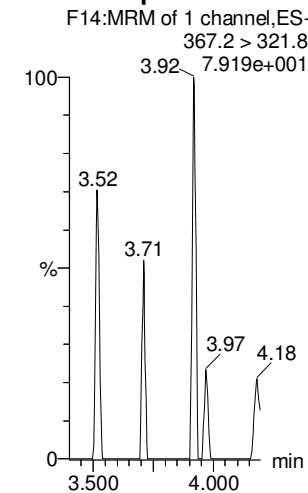
13C3-PFBS



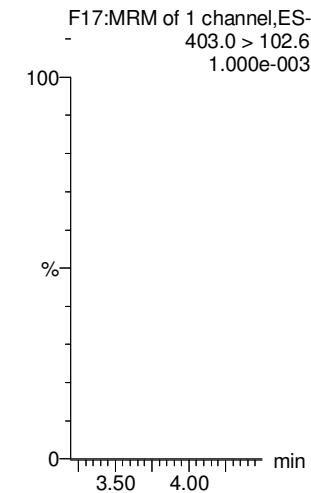
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



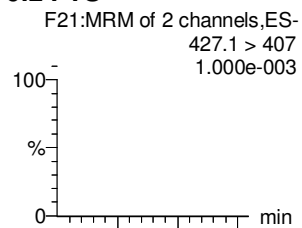
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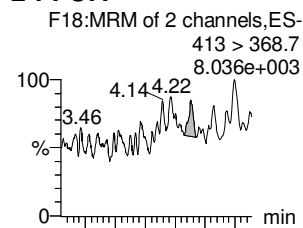
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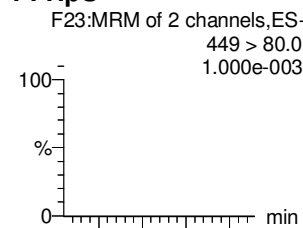
6:2 FTS



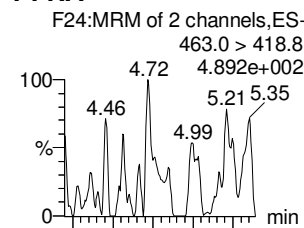
L-PFOA



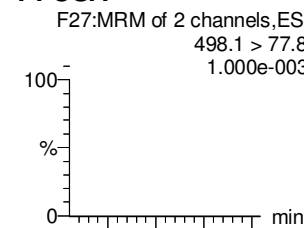
PFHpS



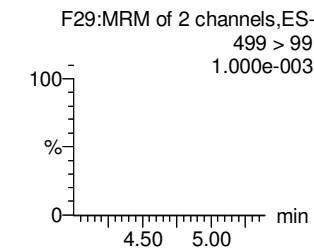
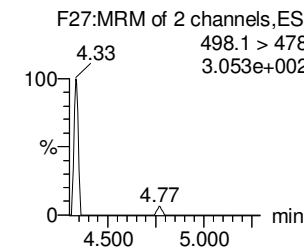
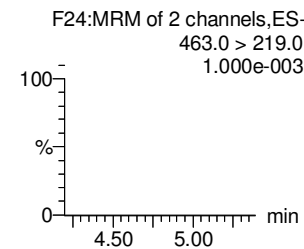
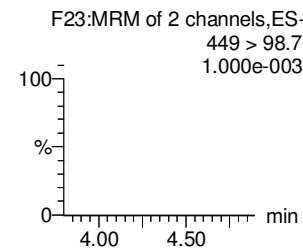
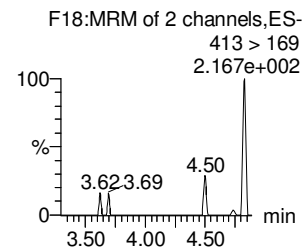
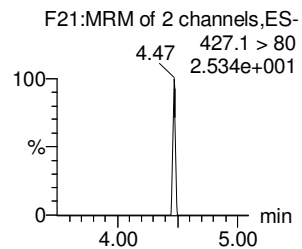
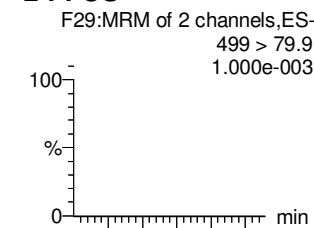
PFNA



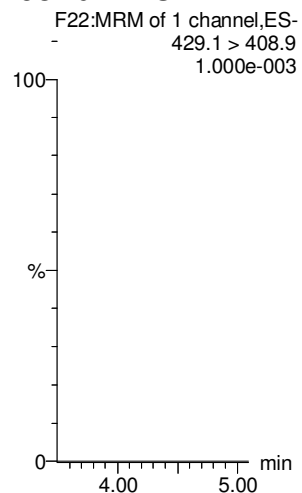
PFOSA



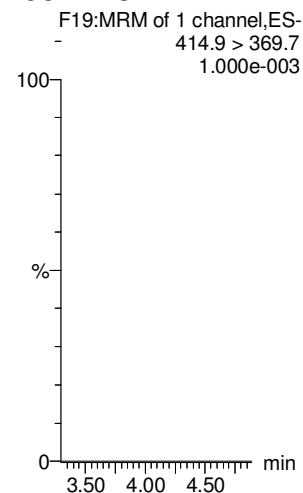
L-PFOS



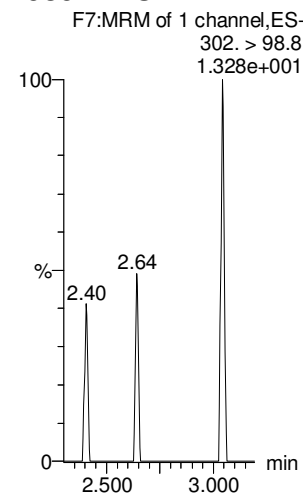
13C2-6:2 FTS



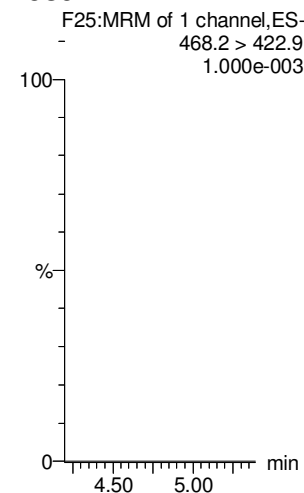
13C2-PFOA



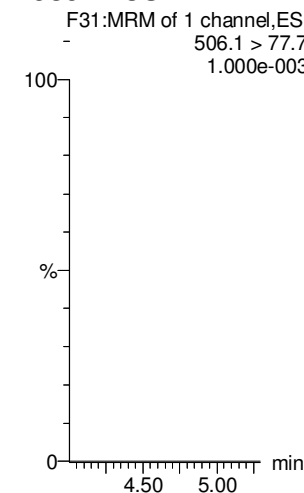
13C3-PFBS



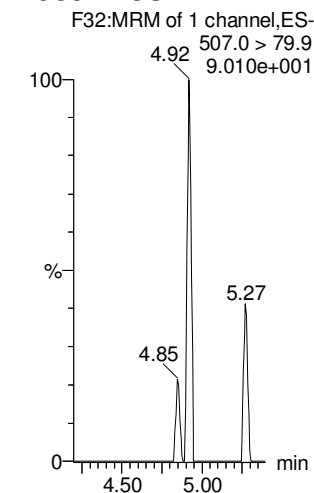
13C5-PFNA



13C8-PFOA



13C8-PFOS



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Name: 180115M1_3, Date: 15-Jan-2018, Time: 10:52:47, ID: IPA, Description: IPA

PFDA

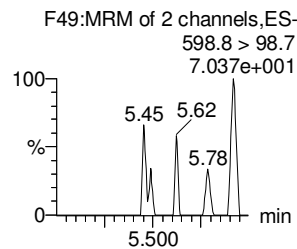
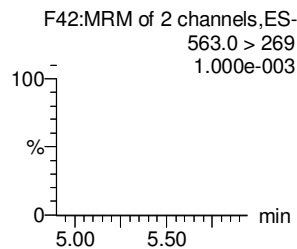
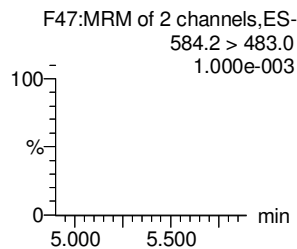
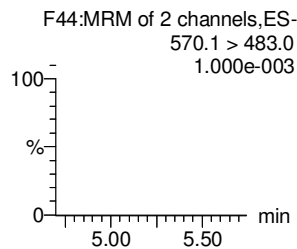
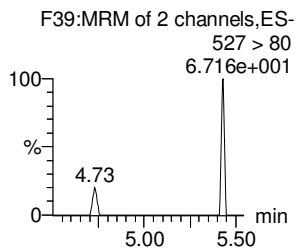
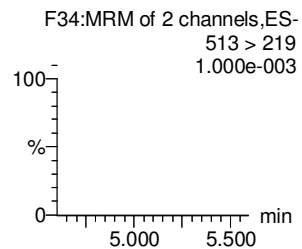
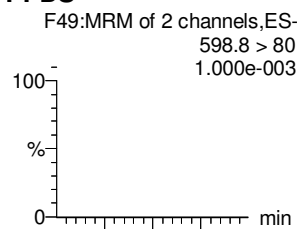
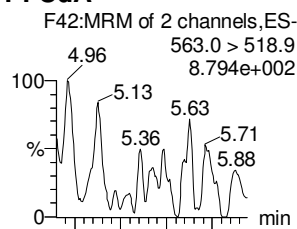
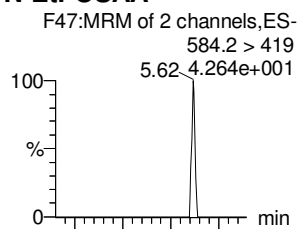
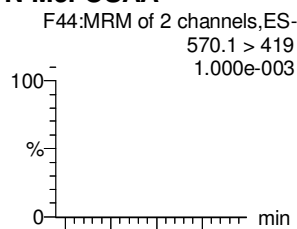
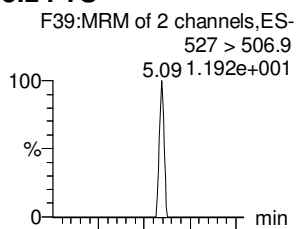
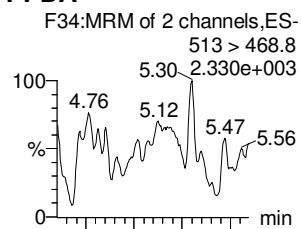
8:2 FTS

N-MeFOSAA

N-EtFOSAA

PFUdA

PFDS



13C2-PFDA

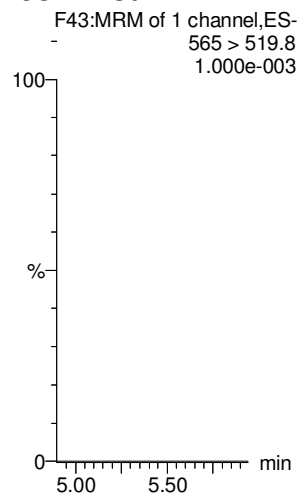
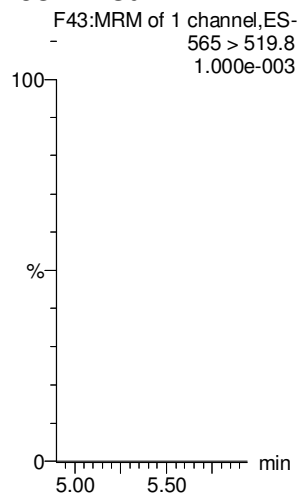
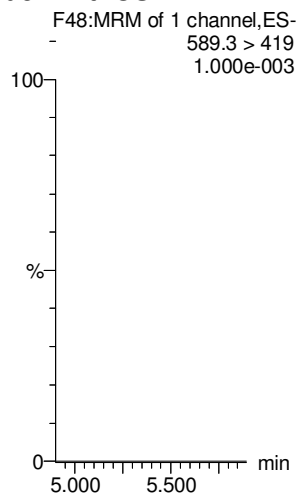
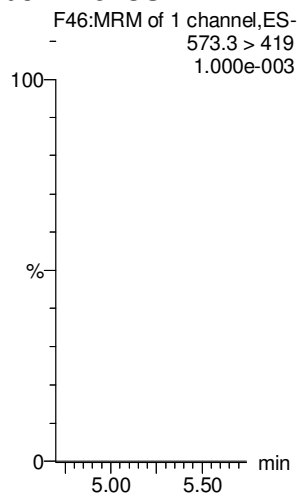
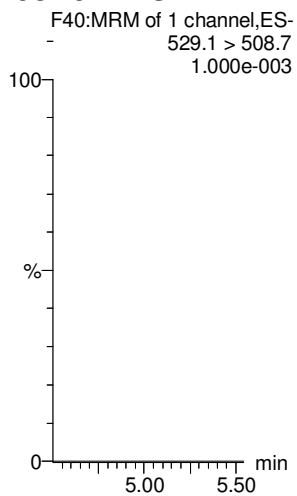
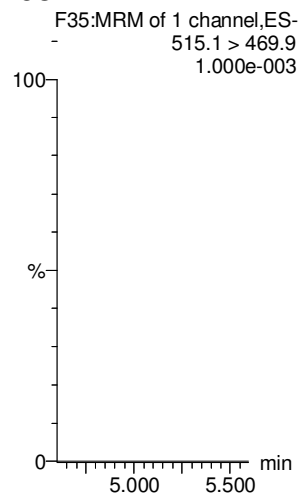
13C2-8:2 FTS

d3-N-MeFOSAA

d5-N-EtFOSAA

13C2-PFUdA

13C2-PFUdA



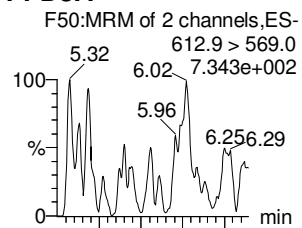
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Last Altered: Monday, January 15, 2018 13:35:05 Pacific Standard Time

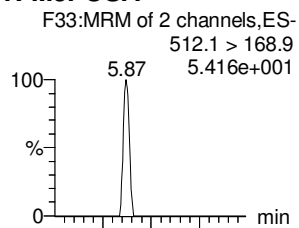
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Name: 180115M1_3, Date: 15-Jan-2018, Time: 10:52:47, ID: IPA, Description: IPA

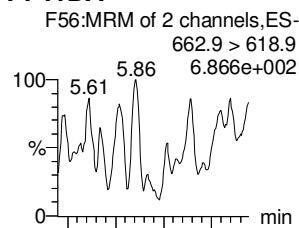
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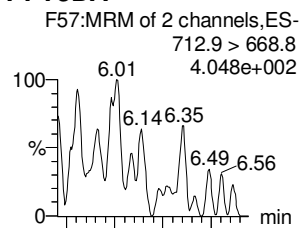
N-MeFOSA



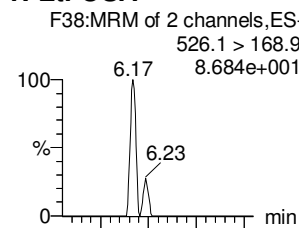
PFT_rDA



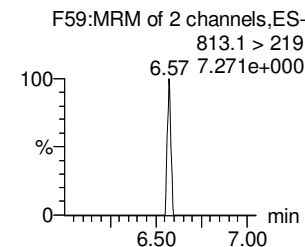
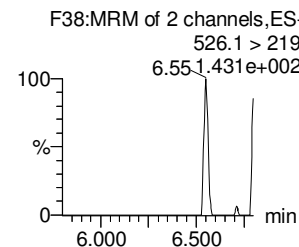
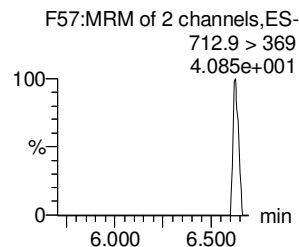
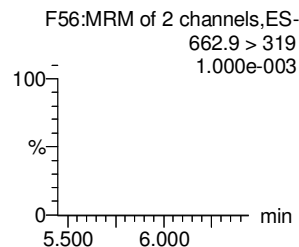
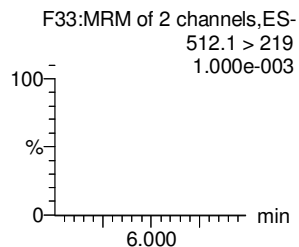
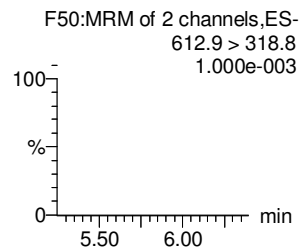
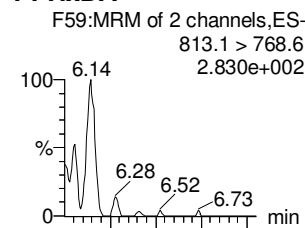
PFT_eDA



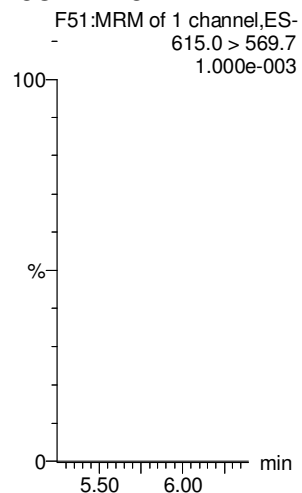
N-EtFOSA



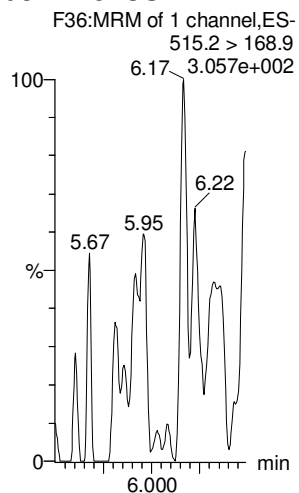
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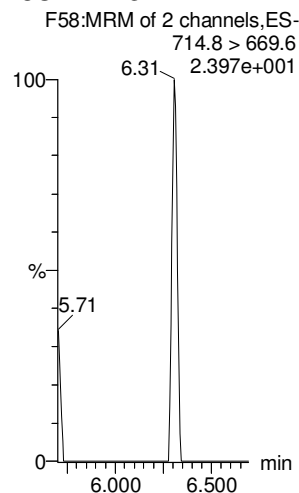
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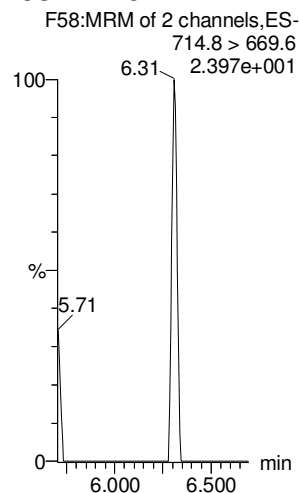
d3-N-MeFOSA



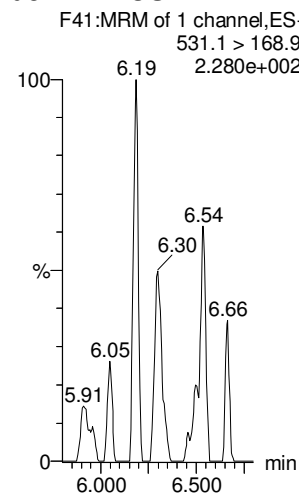
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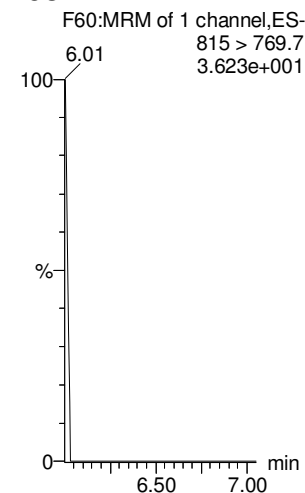
13C2-PFT_rDA



d5-N-ETFOSA



13C2-PFH_xDA



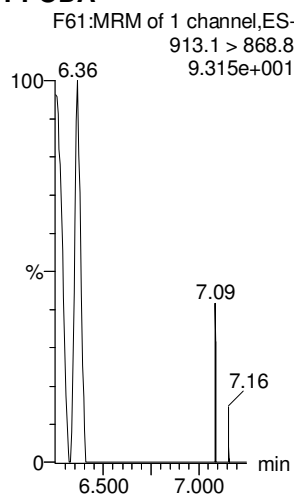
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Last Altered: Monday, January 15, 2018 13:35:05 Pacific Standard Time

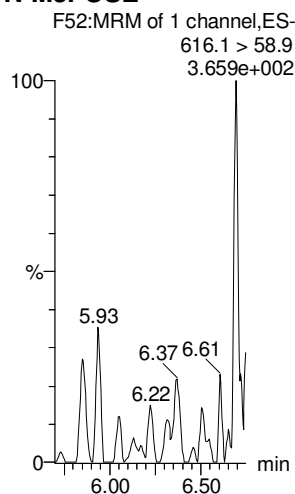
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Name: 180115M1_3, Date: 15-Jan-2018, Time: 10:52:47, ID: IPA, Description: IPA

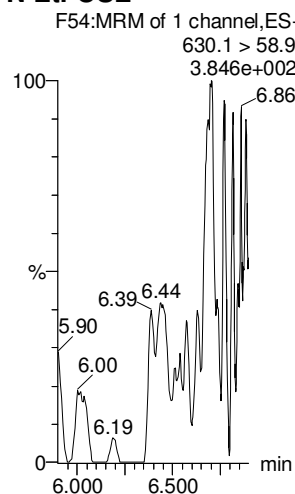
PFODA



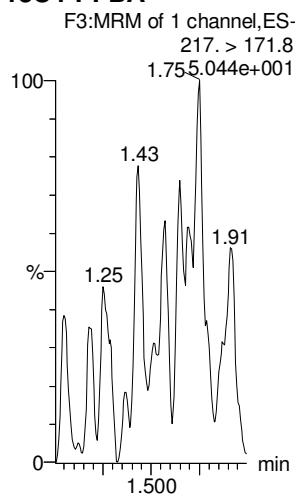
N-MeFOSE



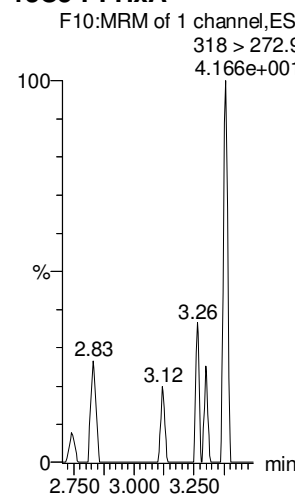
N-EtFOSE



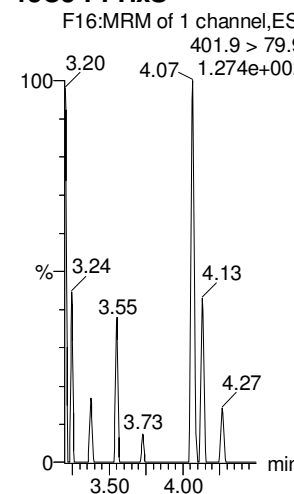
13C4-PFBA



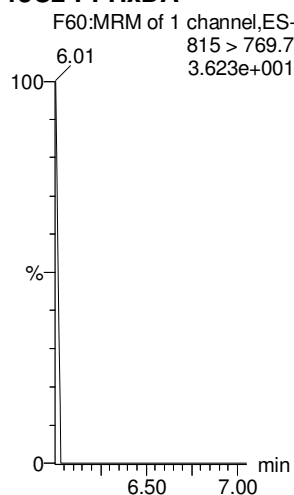
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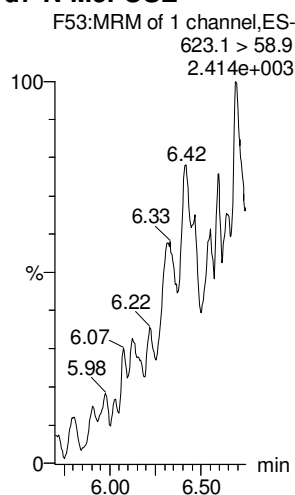
13C3-PFHxS



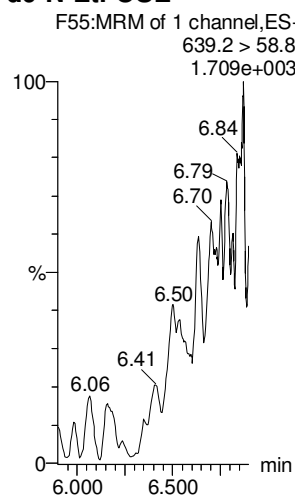
13C2-PFHxDA



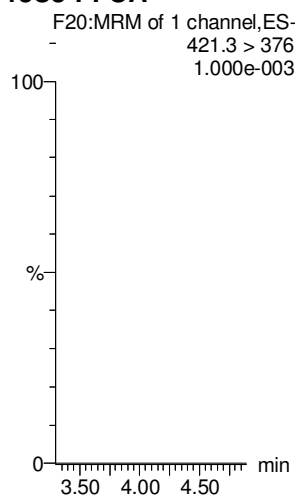
d7-N-MeFOSE



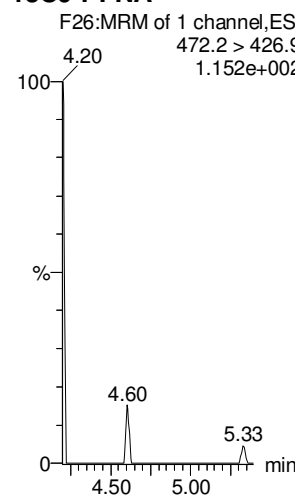
d9-N-EtFOSE



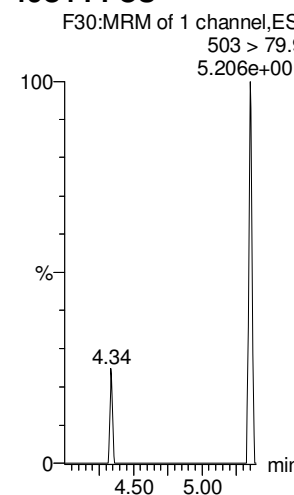
13C8-PFOA



13C9-PFNA



13C4-PFOS



Dataset: U:\Q4.PRO\results\180115M1\180115M1-3.qld

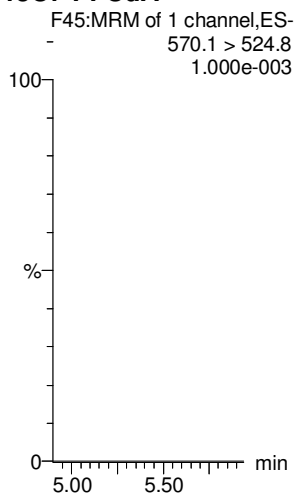
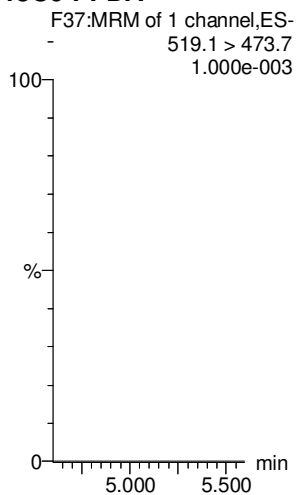
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Name: 180115M1_3, Date: 15-Jan-2018, Time: 10:52:47, ID: IPA, Description: IPA

13C6-PFDA

13C7-PFUdA



Ⓐ 8:2 FTS, PFDOA 7:130%

Dataset: U:\Q4.PRO\results\180115M2\180115M2-60.qld

Last Altered: Tuesday, January 16, 2018 12:14:33 Pacific Standard Time

Printed: Tuesday, January 16, 2018 12:14:40 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_011518.mdb 15 Jan 2018 11:38:30

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_01-15-18-FULL-OLD.cdb 16 Jan 2018 10:22:57

Name: 180115M2_60, Date: 16-Jan-2018, Time: 11:37:05, ID: ST180115M2-11 PFC CS0 17L2608, Description: PFC CS0 17L2608

AC
1/16/18

1/16/2018

#	Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	1 PFBA	213.0 > 168.8	1.37e3	1.38e4	1.0000		1.64	1.50	1.24	0.954	95.4
2	2 PFPeA	263.1 > 218.9	1.38e3	1.56e4	1.0000		2.60	2.45	1.11	0.988	98.8
3	3 PFBS	299.0 > 79.7	2.92e2	1.88e3	1.0000		2.87	2.72	1.94	0.904	90.4
4	4 PFHxA	313.2 > 268.9	1.71e3	5.41e3	1.0000		3.36	3.22	1.58	0.893	89.3
5	5 PFHpA	363.0 > 318.9	1.42e3	1.21e4	1.0000		4.00	3.83	1.47	1.022	102.2
6	6 L-PFHxS	398.9 > 79.6	2.31e2	1.41e3	1.0000		4.14	3.97	2.05	0.958	95.8
7	8 6:2 FTS	427.1 > 407	2.64e2	1.41e3	1.0000		4.46	4.29	2.34	0.842	84.2
8	9 L-PFOA	413 > 368.7	1.86e3	1.75e4	1.0000		4.35	4.35	1.33	0.867	86.7
9	11 PFHpS	449 > 80.0	3.56e2	1.75e4	1.0000		4.60	4.45	0.254	0.956	95.6
10	12 PFNA	463.0 > 418.8	1.69e3	1.48e4	1.0000		4.94	4.77	1.43	1.076	107.6
11	13 PFOSA	498.1 > 77.8	3.50e2	3.25e3	1.0000		5.00	4.84	1.35	1.137	113.7
12	14 L-PFOS	499 > 79.9	3.42e2	4.08e3	1.0000		5.02	4.85	1.05	0.984	98.4
13	16 PFDA	513 > 468.8	1.58e3	1.26e4	1.0000		5.31	5.14	1.57	1.087	108.7
14	17 8:2 FTS	527 > 506.9	3.37e2	1.26e4	1.0000		5.28	5.11	0.334	1.379	137.9
15	18 N-MeFOSAA	570.1 > 419	8.53e2	5.94e3	1.0000		5.45	5.29	1.80	1.070	107.0
16	19 N-EtFOSAA	584.2 > 419	6.51e2	7.22e3	1.0000		5.60	5.44	1.13	0.914	91.4
17	20 PFUDa	563.0 > 518.9	1.42e3	1.76e4	1.0000		5.62	5.46	1.01	0.923	92.3
18	21 PFDS	598.8 > 80	4.79e2	1.76e4	1.0000		5.67	5.50	0.340	1.111	111.1
19	22 PFDOA	612.9 > 569.0	1.74e3	8.83e3	1.0000		5.91	5.74	2.47	1.550	155.0
20	23 N-MeFOSA	512.1 > 168.9	8.15e2	2.57e4	1.0000		5.87	5.84	4.76	4.351	87.0
21	24 PFTrDA	662.9 > 618.9	1.77e3	8.83e3	1.0000		6.15	5.98	2.51	1.143	114.3
22	25 PFTeDA	712.9 > 668.8	1.21e3	5.55e3	1.0000		6.35	6.19	2.74	0.870	87.0
23	26 N-EtFOSA	526.1 > 168.9	1.16e3	3.67e4	1.0000		6.25	6.19	4.73	4.867	97.3
24	27 PFHxDA	813.1 > 768.6	6.55e2	3.60e3	1.0000		6.64	6.51	0.909	0.972	97.2
25	28 PFODA	913.1 > 868.8	7.62e2	3.60e3	1.0000		6.85	6.73	1.06	1.123	112.3
26	29 N-MeFOSE	616.1 > 58.9	1.28e3	4.18e4	1.0000		6.31	6.29	4.60	4.392	87.8
27	30 N-EtFOSE	630.1 > 58.9	1.53e3	3.31e4	1.0000		6.45	6.44	6.91	5.633	112.7
28	31 13C3-PFBA	216.1 > 171.8	1.38e4	1.74e4	1.0000	0.779	1.64	1.49	9.94	12.755	102.0
29	32 13C3-PFPeA	266. > 221.8	1.56e4	1.96e4	1.0000	0.797	2.60	2.45	9.94	12.475	99.8
30	33 13C3-PFBS	302. > 98.8	1.88e3	1.96e4	1.0000	0.095	2.87	2.72	1.20	12.638	101.1
31	34 13C2-PFHxA	315 > 269.8	5.41e3	1.96e4	1.0000	0.636	3.36	3.22	3.45	5.417	108.3

70-130

50-150

Dataset: U:\Q4.PRO\results\180115M2\180115M2-60.qld

Last Altered: Tuesday, January 16, 2018 12:14:33 Pacific Standard Time

Printed: Tuesday, January 16, 2018 12:14:40 Pacific Standard Time

Name: 180115M2_60, Date: 16-Jan-2018, Time: 11:37:05, ID: ST180115M2-11 PFC CS0 17L2608, Description: PFC CS0 17L2608

#	Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	
32	35	13C4-PFHpA	367.2 > 321.8	1.21e4	1.96e4	1.0000	0.621	4.00	3.83	7.71	12.413	99.3
33	36	18O2-PFHxS	403.0 > 102.6	1.41e3	4.84e3	1.0000	0.336	4.14	3.98	3.64	10.843	86.7
34	37	13C2-6:2 FTS	429.1 > 408.9	3.49e3	1.80e4	1.0000	0.192	4.46	4.29	2.42	12.569	100.6
35	38	13C2-PFOA	414.9 > 369.7	1.75e4	1.80e4	1.0000	1.001	4.50	4.35	12.1	12.106	96.8
36	39	13C5-PFNA	468.2 > 422.9	1.48e4	1.79e4	1.0000	0.811	4.94	4.77	10.4	12.767	102.1
37	40	13C8-PFOSA	506.1 > 77.7	3.25e3	1.63e4	1.0000	0.196	5.00	4.84	2.49	12.667	101.3
38	41	13C8-PFOS	507.0 > 79.9	4.08e3	5.14e3	1.0000	0.862	5.02	4.85	9.92	11.516	92.1
39	42	13C2-PFDA	515.1 > 469.9	1.26e4	1.18e4	1.0000	0.996	5.31	5.14	13.3	13.385	107.1
40	43	13C2-8:2 FTS	529.1 > 508.7	1.56e3	1.96e4	1.0000	0.103	5.28	5.11	0.995	9.660	77.3
41	44	d3-N-MeFOSAA	573.3 > 419	5.94e3	1.63e4	1.0000	0.340	5.45	5.28	4.55	13.387	107.1
42	45	d5-N-EiFOSAA	589.3 > 419	7.22e3	1.63e4	1.0000	0.377	5.60	5.44	5.53	14.682	117.5
43	46	13C2-PFUdA	565 > 519.8	1.76e4	1.63e4	1.0000	0.944	5.62	5.46	13.5	14.313	114.5
44	47	13C2-PFDoA	615.0 > 569.7	8.83e3	1.63e4	1.0000	0.726	5.91	5.74	6.77	9.323	74.6
45	48	d3-N-MeFOSA	515.2 > 168.9	2.57e4	1.63e4	1.0000	0.119	5.87	5.85	19.7	165.400	110.3
46	49	13C2-PFTeDA	714.8 > 669.6	5.55e3	1.63e4	1.0000	0.371	6.35	6.19	4.25	11.458	91.7
47	50	d5-N-ETFOSA	531.1 > 168.9	3.67e4	1.63e4	1.0000	0.174	6.25	6.21	28.1	161.901	107.9
48	51	13C2-PFHxDA	815 > 769.7	3.60e3	1.63e4	1.0000	0.559	6.64	6.51	2.76	4.939	98.8
49	52	d7-N-MeFOSE	623.1 > 58.9	4.18e4	1.63e4	1.0000	0.179	6.31	6.28	32.1	178.796	119.2
50	53	d9-N-EiFOSE	639.2 > 58.8	3.31e4	1.63e4	1.0000	0.160	6.45	6.43	25.4	158.989	106.0
51	54	13C4-PFBA	217. > 171.8	1.74e4	1.74e4	1.0000	1.000	1.64	1.49	12.5	12.500	100.0
52	55	13C5-PFHxA	318 > 272.9	1.96e4	1.96e4	1.0000	1.000	3.36	3.22	12.5	12.500	100.0
53	56	13C3-PFHxS	401.9 > 79.9	4.84e3	4.84e3	1.0000	1.000	4.14	3.98	12.5	12.500	100.0
54	57	13C8-PFOA	421.3 > 376	1.80e4	1.80e4	1.0000	1.000	4.50	4.34	12.5	12.500	100.0
55	58	13C9-PFNA	472.2 > 426.9	1.79e4	1.79e4	1.0000	1.000	4.94	4.77	12.5	12.500	100.0
56	59	13C4-PFOS	503 > 79.9	5.14e3	5.14e3	1.0000	1.000	5.02	4.85	12.5	12.500	100.0
57	60	13C6-PFDA	519.1 > 473.7	1.18e4	1.18e4	1.0000	1.000	5.31	5.14	12.5	12.500	100.0
58	61	13C7-PFUdA	570.1 > 524.8	1.63e4	1.63e4	1.0000	1.000	5.62	5.46	12.5	12.500	100.0

50-150

Dataset: Untitled

Last Altered: Tuesday, January 16, 2018 14:20:11 Pacific Standard Time

Printed: Tuesday, January 16, 2018 14:20:51 Pacific Standard Time

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Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_01-15-18-FULL-OLD.cdb 16 Jan 2018 10:22:57

Compound name: PFBA

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2	180115M2_2	ST180115M2-2 PFC CS-1 17L2607	16-Jan-18	00:25:32
3	180115M2_3	ST180115M2-3 PFC CS0 17L2608	16-Jan-18	00:37:02
4	180115M2_4	ST180115M2-4 PFC CS1 17L2609	16-Jan-18	00:48:46
5	180115M2_5	ST180115M2-5 PFC CS2 17L2610	16-Jan-18	01:00:17
6	180115M2_6	ST180115M2-6 PFC CS3 17L2611	16-Jan-18	01:11:44
7	180115M2_7	ST180115M2-7 PFC CS4 17L1208	16-Jan-18	01:23:11
8	180115M2_8	ST180115M2-8 PFC CS5 17L2613	16-Jan-18	01:34:38
9	180115M2_9	IPA	16-Jan-18	01:46:05
10	180115M2_10	ICV180115M2-1 PFC ICV 17L1201	16-Jan-18	01:57:31
11	180115M2_11	IPA	16-Jan-18	02:08:58
12	180115M2_12	1701851-03 FT-PZ-455S-20171202 0.2638	16-Jan-18	02:20:26
13	180115M2_13	1701851-04 FT-PZ-455I-20171202 0.25637	16-Jan-18	02:31:52
14	180115M2_14	1701851-05 FT-PZ-453S-20171202 0.23285	16-Jan-18	02:43:19
15	180115M2_15	1701851-06 FT-PZ-453S-FRB-20171202 0.26...	16-Jan-18	02:54:46
16	180115M2_16	1701851-07 FT-PZ-456I-FRB-20171204 0.2536	16-Jan-18	03:06:13
17	180115M2_17	1701851-08 FT-PZ-456I-20171204 0.26041	16-Jan-18	03:17:39
18	180115M2_18	1701851-09 FT-PZ-456S-20171204 0.25898	16-Jan-18	03:29:06
19	180115M2_19	1701944-01 GW-PT-CHIN-254.5-260.5 0.11993	16-Jan-18	03:40:33
20	180115M2_20	1701944-02 GW-PT-CHIN-71-77 0.11916	16-Jan-18	03:52:00
21	180115M2_21	1701944-03 GW-PT-CHIN-178-184 0.11889	16-Jan-18	04:03:27
22	180115M2_22	1701944-04 GW-PT-CHIN-108-114 0.12008	16-Jan-18	04:14:54
23	180115M2_23	1701944-05 GW-PT-CHIN-57-63 0.11948	16-Jan-18	04:26:21
24	180115M2_24	1701944-06 FB-PT-Diwater 0.11902	16-Jan-18	04:37:48
25	180115M2_25	IPA	16-Jan-18	04:49:15
26	180115M2_26	ST180115M2-9 PFC CS3 17L2611	16-Jan-18	05:00:41
27	180115M2_27	IPA	16-Jan-18	05:12:08
28	180115M2_28	1701944-07 GW-PT-CHIN-254.5-260.5-Dup 0...	16-Jan-18	05:23:43
29	180115M2_29	1701944-08 GW-PT-CHIN-116-122 0.11949	16-Jan-18	05:35:10
30	180115M2_30	1701944-09 EB-PT-Waterlevel 0.10468	16-Jan-18	05:46:37
31	180115M2_31	1701944-10 EB-PT-grundfos 0.11733	16-Jan-18	05:58:04

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Printed: Tuesday, January 16, 2018 14:20:51 Pacific Standard Time

Compound name: PFBA

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33	180115M2_33	1701944-12 GW-PT-CHIN-271.5-277.5 0.11931	16-Jan-18	06:20:58
34	180115M2_34	1701944-13 EB-PT-Packers 0.11813	16-Jan-18	06:32:24
35	180115M2_35	B7L0120-BS1 OPR 0.25	16-Jan-18	06:43:51
36	180115M2_36	B7L0120-BSD1 LCSD 0.25	16-Jan-18	06:55:18
37	180115M2_37	IPA	16-Jan-18	07:06:45
38	180115M2_38	B7L0120-BLK1 Method Blank 0.25	16-Jan-18	07:18:12
39	180115M2_39	1701886-01 YS22-EB01-120417 0.11748	16-Jan-18	07:29:39
40	180115M2_40	1701886-02 YS22-AQ-120517 0.11801	16-Jan-18	07:41:05
41	180115M2_41	1701886-03 YS22-GW18-1217 0.11927	16-Jan-18	07:52:32
42	180115M2_42	IPA	16-Jan-18	08:04:00
43	180115M2_43	ST180115M2-10 PFC CS3 17L2611	16-Jan-18	08:15:26
44	180115M2_44	IPA	16-Jan-18	08:26:53
45	180115M2_45	B7L0183-BS1 OPR 0.25	16-Jan-18	08:38:20
46	180115M2_46	B7L0183-BSD1 LCSD 0.25	16-Jan-18	08:49:46
47	180115M2_47	B7L0183-BLK1 Method Blank 0.25	16-Jan-18	09:01:13
48	180115M2_48	1701953-01 CV-Dup09-20171213 0.2568	16-Jan-18	09:12:40
49	180115M2_49	1701953-02 SA-MW127S-20171213 0.23624	16-Jan-18	09:24:07
50	180115M2_50	1701953-03 SA-MW126S-20171213 0.24287	16-Jan-18	09:42:12
51	180115M2_51	1701953-04 SA-MW126I-20171213 0.24106	16-Jan-18	09:53:46
52	180115M2_52	1701953-05 SA-MW127S-FRB-20171213 0.2...	16-Jan-18	10:05:14
53	180115M2_53	1701953-06 SA-Dup10-20171213 0.25769	16-Jan-18	10:16:50
54	180115M2_54	1701953-07 SA-PZ123S-20171213 0.24245	16-Jan-18	10:28:24
55	180115M2_55	1701953-08 SA-PZ123I-20171213 0.25702	16-Jan-18	10:39:51
56	180115M2_56	1701953-09 SA-PZ123I1-20171213 0.25747	16-Jan-18	10:51:18
57	180115M2_57	1701953-10 SA-PZ118S-20171213 0.23505	16-Jan-18	11:02:44
58	180115M2_58	1701953-11 SA-PZ118I-20171213 0.24112	16-Jan-18	11:14:11
59	180115M2_59	IPA	16-Jan-18	11:25:38
60	180115M2_60	ST180115M2-11 PFC CS0 17L2608	16-Jan-18	11:37:05
61	180115M2_61	IPA	16-Jan-18	11:48:32
62	180115M2_62	1701905-03RE1@40X WINF1712061655JLB ...	16-Jan-18	11:59:59
63	180115M2_63	1701852-01@20X IR03-MW034-C2-17D 0.26...	16-Jan-18	12:11:26
64	180115M2_64	1701852-02@20X IR03-MW018B-C1-17D 0.2...	16-Jan-18	12:22:53
65	180115M2_65	1701852-03@40X IR03-MW018A-C2-17D 0.2...	16-Jan-18	12:34:19

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Last Altered: Tuesday, January 16, 2018 14:20:11 Pacific Standard Time

Printed: Tuesday, January 16, 2018 14:20:51 Pacific Standard Time

Compound name: PFBA

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67	180115M2_67	IPA	16-Jan-18	12:57:13
68	180115M2_68	1701852-02 IR03-MW018B-C1-17D 0.25583	16-Jan-18	13:08:40
69	180115M2_69	IPA	16-Jan-18	13:20:07
70	180115M2_70	1701840-05 YS22-GW10-1217 0.11512	16-Jan-18	13:31:34
71	180115M2_71	IPA	16-Jan-18	13:43:01
72	180115M2_72	ST180115M2-12 PFC CS3 17L2611	16-Jan-18	13:54:28

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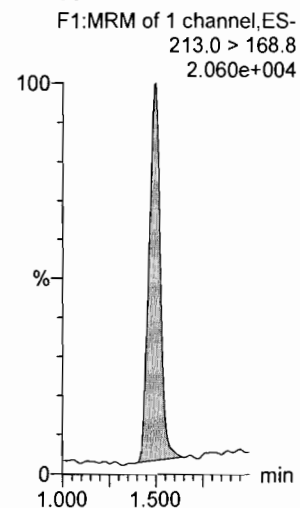
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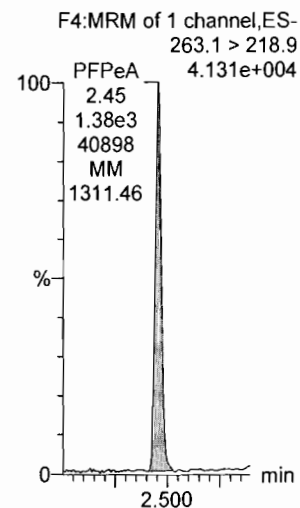
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Name: 180115M2_60, Date: 16-Jan-2018, Time: 11:37:05, ID: ST180115M2-11 PFC CS0 17L2608, Description: PFC CS0 17L2608

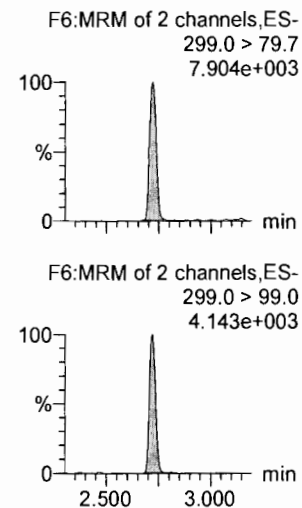
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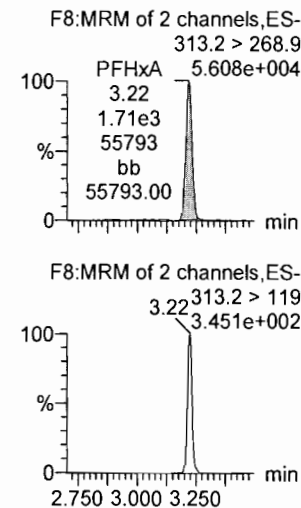
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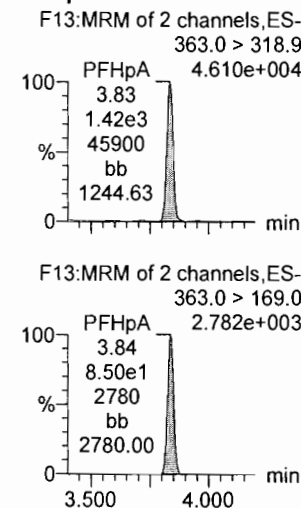
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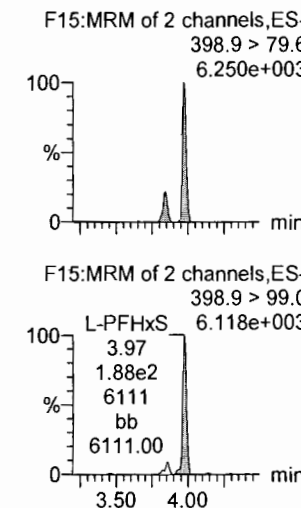
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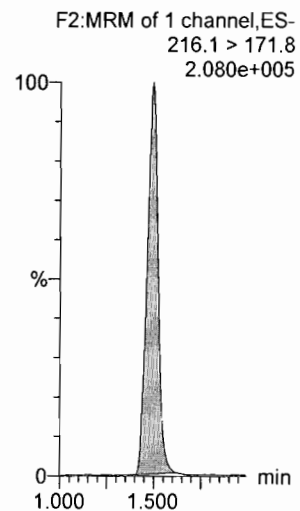
PFHpA



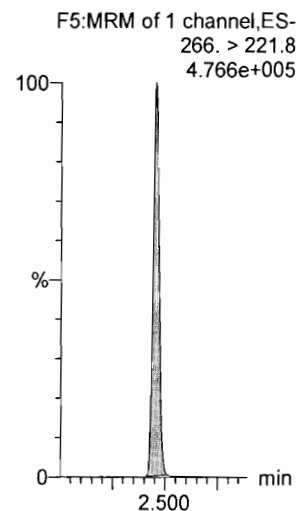
L-PFHxS



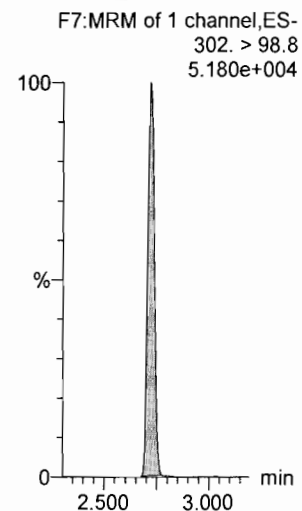
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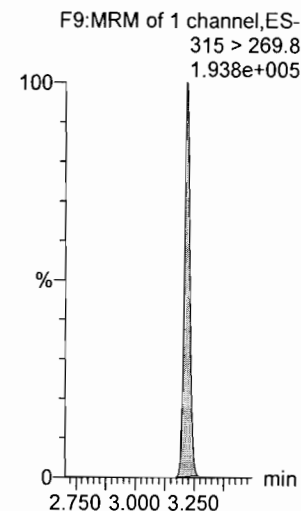
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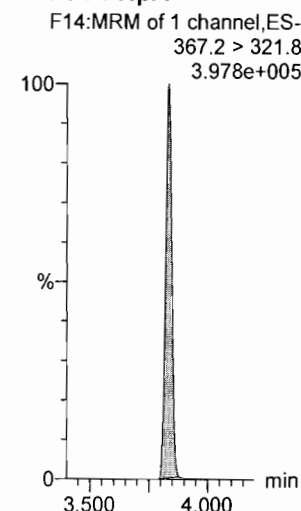
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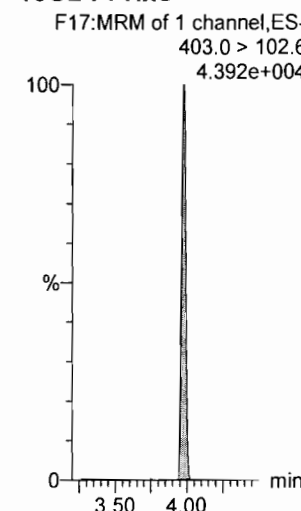
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13C4-PFHpA



18O2-PFHxS

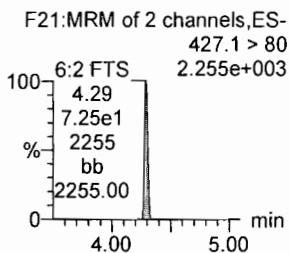
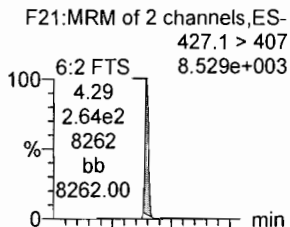


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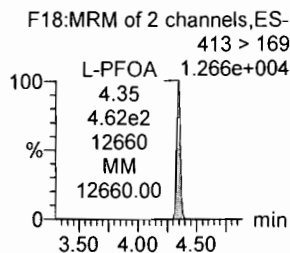
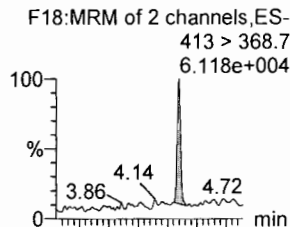
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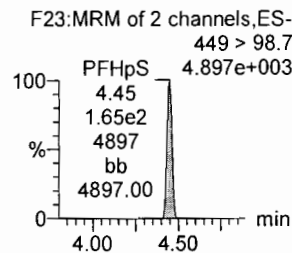
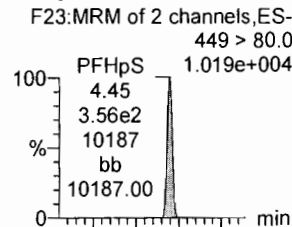
6:2 FTS



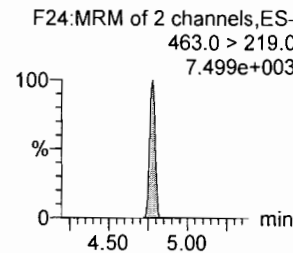
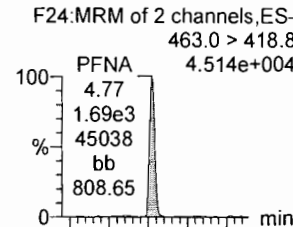
L-PFOA



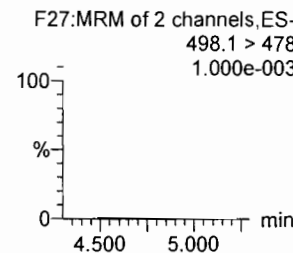
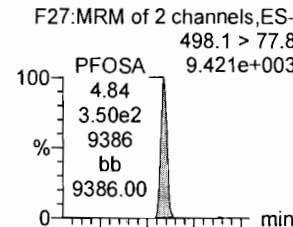
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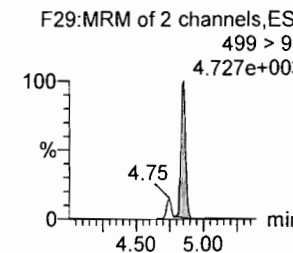
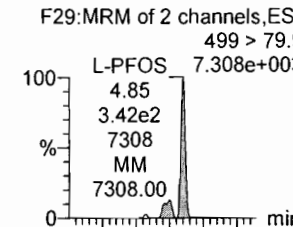
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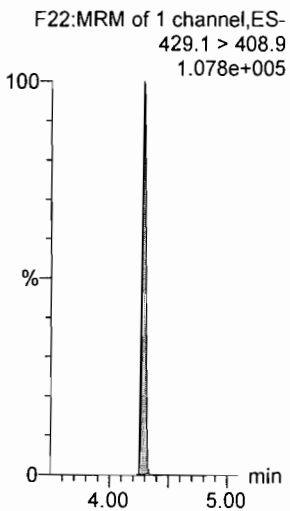
PFOSA



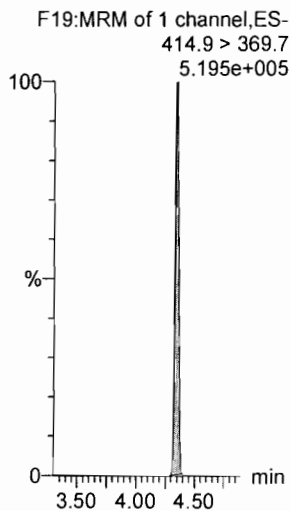
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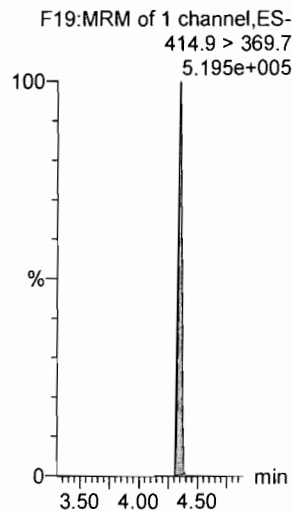
13C2-6:2 FTS



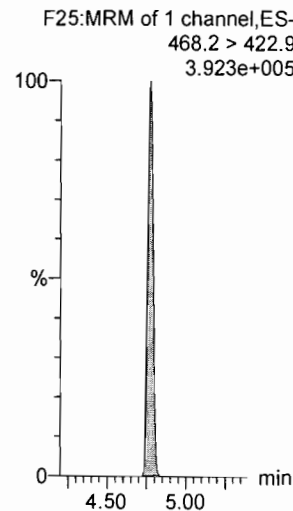
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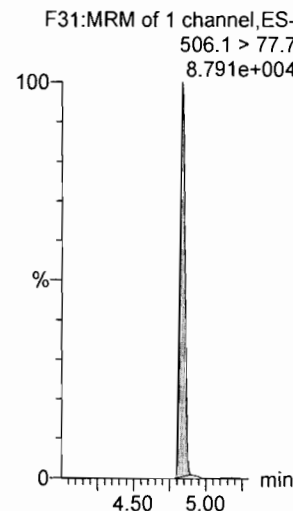
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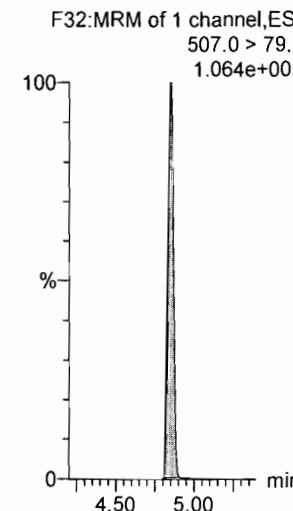
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13C8-PFOSA



13C8-PFOS



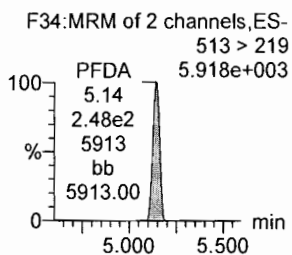
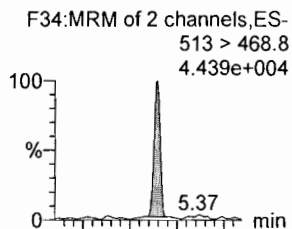
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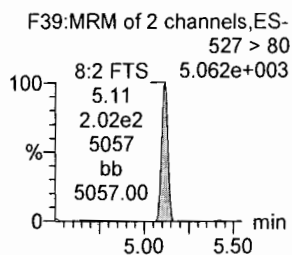
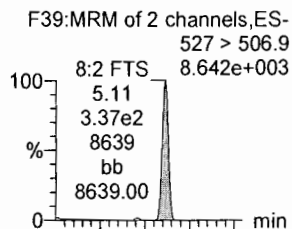
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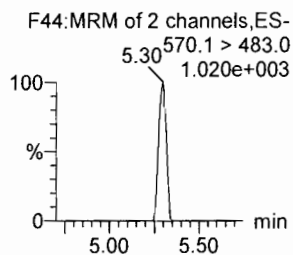
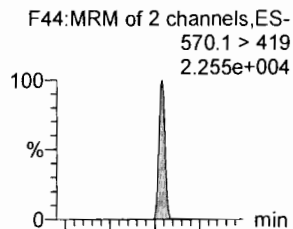
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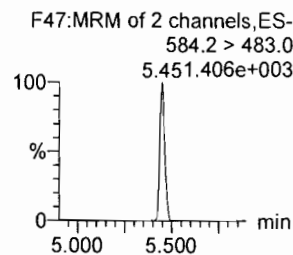
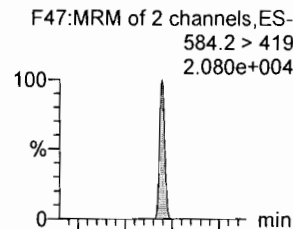
8:2 FTS



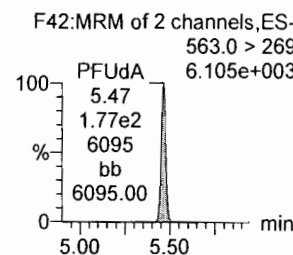
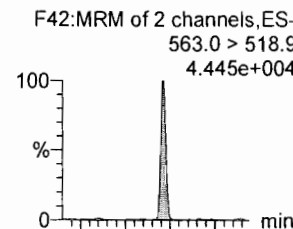
N-MeFOSAA



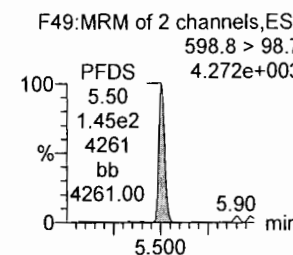
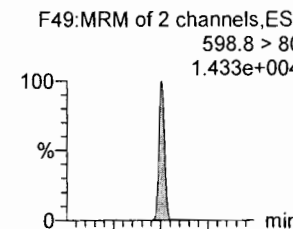
N-EtFOSAA



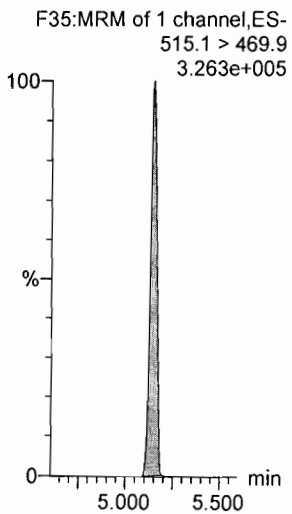
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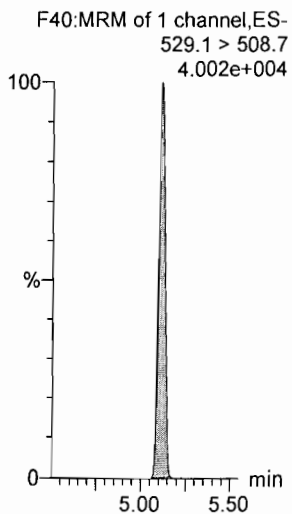
PFDS



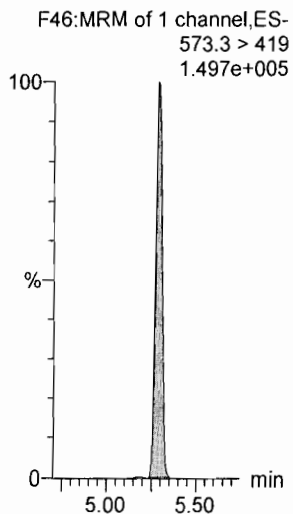
13C2-PFDA



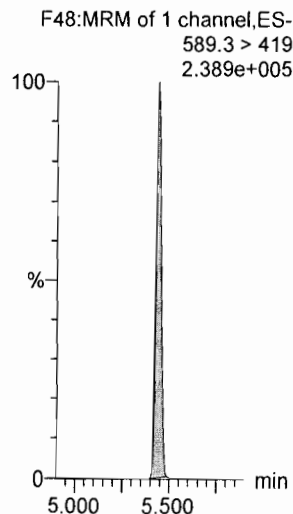
13C2-8:2 FTS



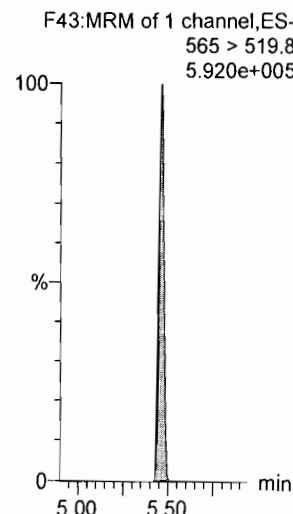
d3-N-MeFOSAA



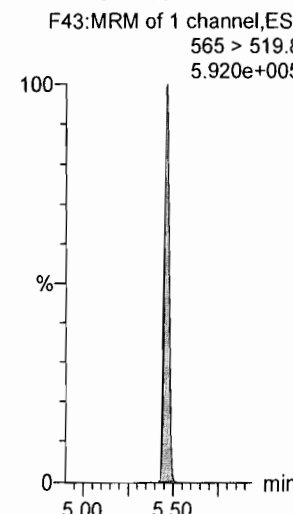
d5-N-EtFOSAA



13C2-PFUdA



13C2-PFUDa



Dataset: U:\Q4.PRO\results\180115M2\180115M2-60.qld

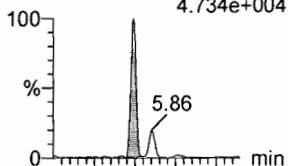
Last Altered: Tuesday, January 16, 2018 12:14:33 Pacific Standard Time

Printed: Tuesday, January 16, 2018 12:14:40 Pacific Standard Time

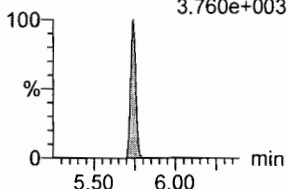
Name: 180115M2_60, Date: 16-Jan-2018, Time: 11:37:05, ID: ST180115M2-11 PFC CS0 17L2608, Description: PFC CS0 17L2608

PFD_oA

F50:MRM of 2 channels,ES-
612.9 > 569.0
4.734e+004

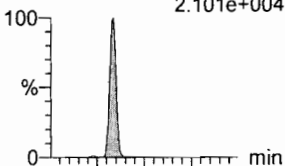


F50:MRM of 2 channels,ES-
612.9 > 318.8
3.760e+003

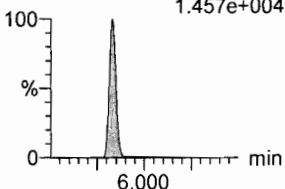


N-MeFOSA

F33:MRM of 2 channels,ES-
512.1 > 168.9
2.101e+004

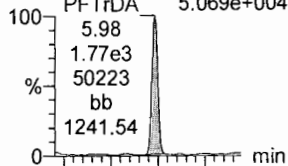


F33:MRM of 2 channels,ES-
512.1 > 219
1.457e+004

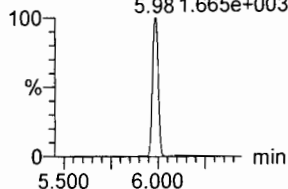


PFT_rDA

F56:MRM of 2 channels,ES-
662.9 > 618.9
5.069e+004

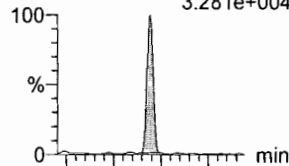


F56:MRM of 2 channels,ES-
662.9 > 319
5.98 1.665e+003

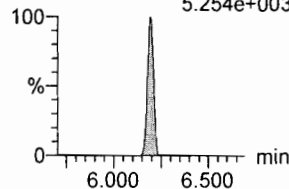


PFT_eDA

F57:MRM of 2 channels,ES-
712.9 > 668.8
3.281e+004

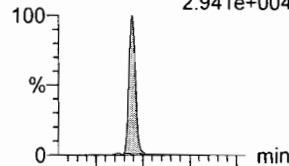


F57:MRM of 2 channels,ES-
712.9 > 369
5.254e+003

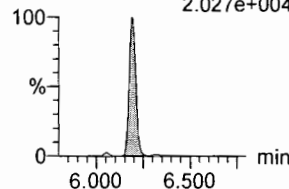


N-EtFOSA

F38:MRM of 2 channels,ES-
526.1 > 168.9
2.941e+004

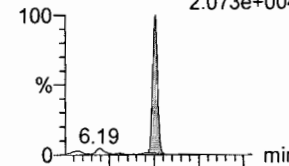


F38:MRM of 2 channels,ES-
526.1 > 219
2.027e+004

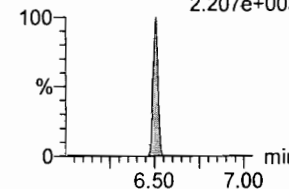


PFH_xDA

F59:MRM of 2 channels,ES-
813.1 > 768.6
2.073e+004

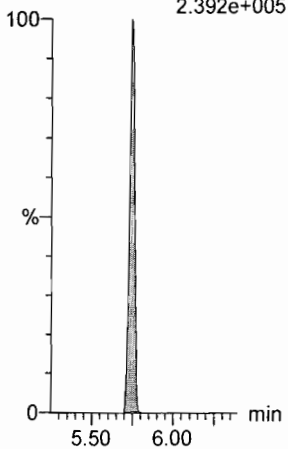


F59:MRM of 2 channels,ES-
813.1 > 219
2.207e+003



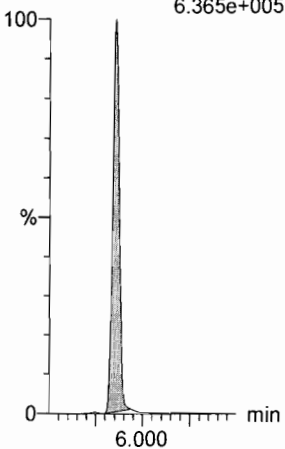
¹³C₂-PFD_oA

F51:MRM of 1 channel,ES-
615.0 > 569.7
2.392e+005



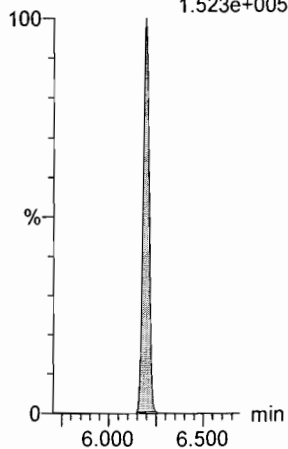
d₃-N-MeFOSA

F36:MRM of 1 channel,ES-
515.2 > 168.9
6.365e+005



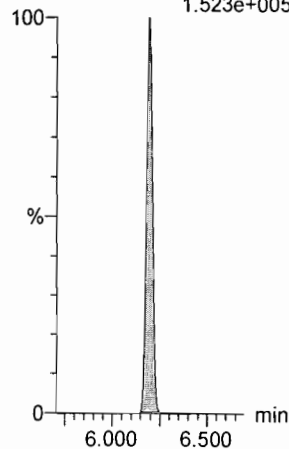
¹³C₂-PFT_eDA

F58:MRM of 2 channels,ES-
714.8 > 669.6
1.523e+005



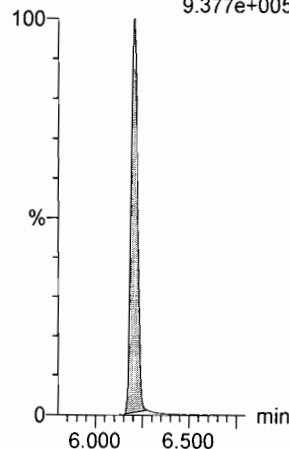
¹³C₂-PFT_rDA

F58:MRM of 2 channels,ES-
714.8 > 669.6
1.523e+005



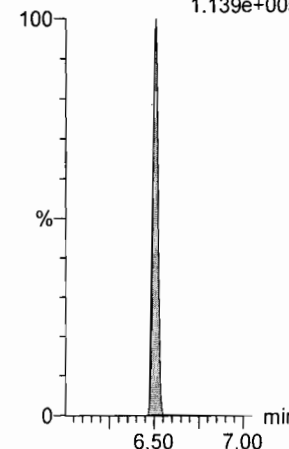
d₅-N-ETFOSA

F41:MRM of 1 channel,ES-
531.1 > 168.9
9.377e+005



¹³C₂-PFH_xDA

F60:MRM of 1 channel,ES-
815 > 769.7
1.139e+005



Dataset: U:\Q4.PRO\results\180115M2\180115M2-60.qld

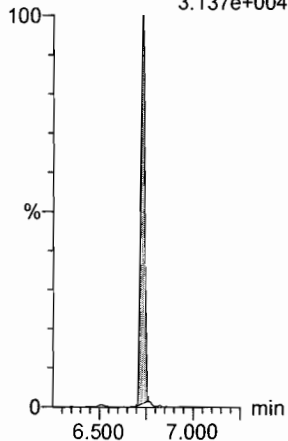
Last Altered: Tuesday, January 16, 2018 12:14:33 Pacific Standard Time

Printed: Tuesday, January 16, 2018 12:14:40 Pacific Standard Time

Name: 180115M2_60, Date: 16-Jan-2018, Time: 11:37:05, ID: ST180115M2-11 PFC CS0 17L2608, Description: PFC CS0 17L2608

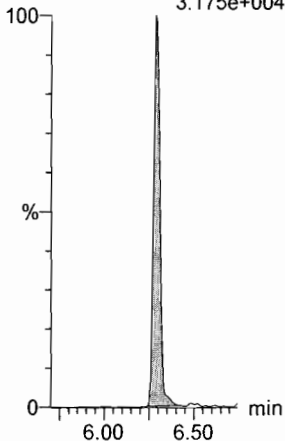
PFODA

F61:MRM of 1 channel,ES-
913.1 > 868.8
3.137e+004



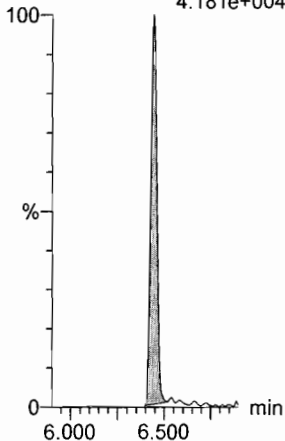
N-MeFOSE

F52:MRM of 1 channel,ES-
616.1 > 58.9
3.175e+004



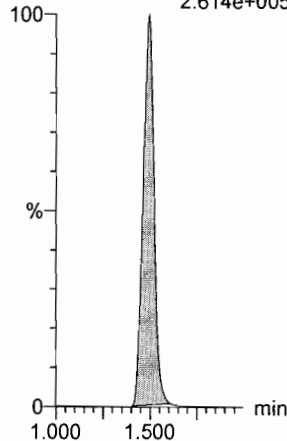
N-EtFOSE

F54:MRM of 1 channel,ES-
630.1 > 58.9
4.181e+004



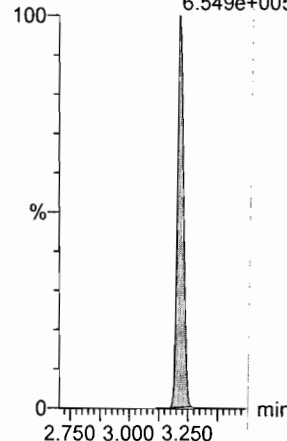
13C4-PFBA

F3:MRM of 1 channel,ES-
217. > 171.8
2.614e+005



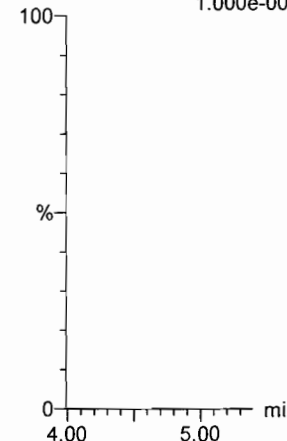
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
6.549e+005



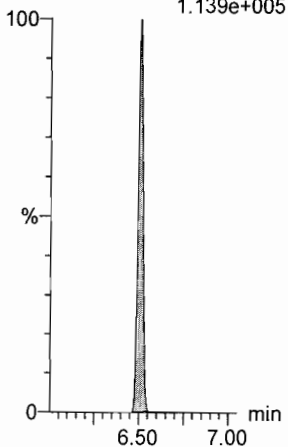
TCDA

F28:MRM of 3 channels,ES-
-
498.3 > 106.9
1.000e-003



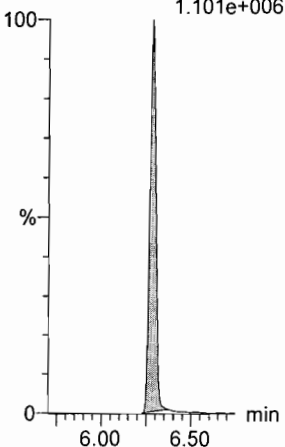
13C2-PFHxDA

F60:MRM of 1 channel,ES-
815 > 769.7
1.139e+005



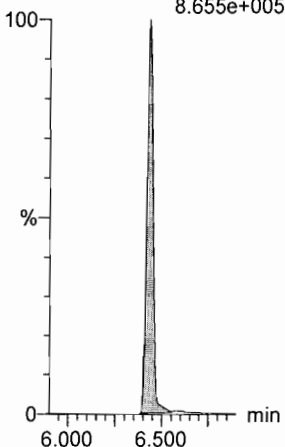
d7-N-MeFOSE

F53:MRM of 1 channel,ES-
623.1 > 58.9
1.101e+006



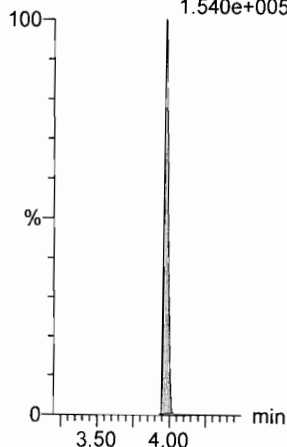
d9-N-EtFOSE

F55:MRM of 1 channel,ES-
639.2 > 58.8
8.655e+005



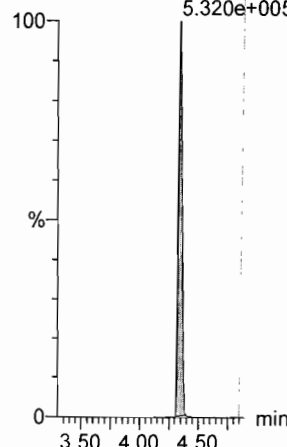
13C3-PFHxS

F16:MRM of 1 channel,ES-
401.9 > 79.9
1.540e+005



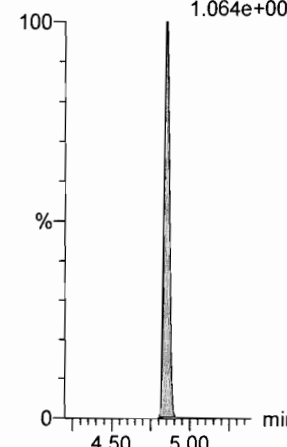
13C8-PFOA

F20:MRM of 1 channel,ES-
421.3 > 376
5.320e+005



13C8-PFOS

F32:MRM of 1 channel,ES-
507.0 > 79.9
1.064e+005



Dataset: U:\Q4.PRO\results\180115M2\180115M2-60.qld

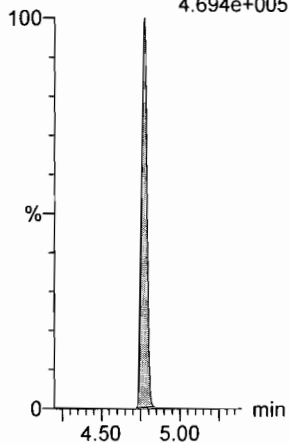
Last Altered: Tuesday, January 16, 2018 12:14:33 Pacific Standard Time

Printed: Tuesday, January 16, 2018 12:14:40 Pacific Standard Time

Name: 180115M2_60, Date: 16-Jan-2018, Time: 11:37:05, ID: ST180115M2-11 PFC CS0 17L2608, Description: PFC CS0 17L2608

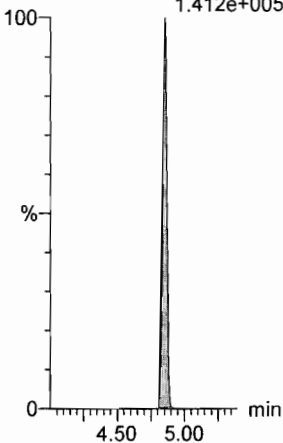
13C9-PFNA

F26:MRM of 1 channel,ES-
472.2 > 426.9
4.694e+005



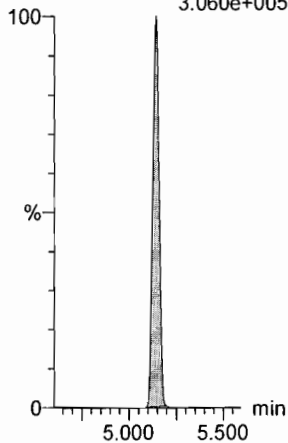
13C4-PFOS

F30:MRM of 1 channel,ES-
503 > 79.9
1.412e+005



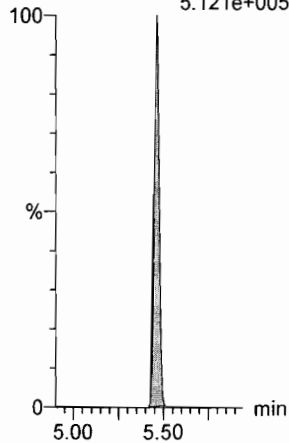
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
3.060e+005



13C7-PFUdA

F45:MRM of 1 channel,ES-
570.1 > 524.8
5.121e+005



ⓐ PFDS, PFDoA, PFHxDA > 130%

Dataset: U:\Q4.PRO\results\180115M2\180115M2-72.qld

Last Altered: Tuesday, January 16, 2018 14:02:55 Pacific Standard Time
 Printed: Tuesday, January 16, 2018 14:04:19 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_011518.mdb 16 Jan 2018 13:43:12
 Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_01-15-18-FULL-OLD.cdb 16 Jan 2018 10:22:57

Name: 180115M2_72, Date: 16-Jan-2018, Time: 13:54:28, ID: ST180115M2-12 PFC CS3 17L2611, Description: PFC CS3 17L2611

AC
 1/16/18
 JPA
 1/16/2018

#	Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	1 PFBA	213.0 > 168.8	1.63e4	1.46e4	1.0000		1.64	1.50	14.0	10.466	104.7
2	2 PFPeA	263.1 > 218.9	1.63e4	1.62e4	1.0000		2.46	2.45	12.6	10.968	109.7
3	3 PFBS	299.0 > 79.7	3.37e3	1.99e3	1.0000		2.87	2.72	21.2	11.034	110.3
4	4 PFHxA	313.2 > 268.9	2.03e4	5.33e3	1.0000		3.36	3.22	19.0	10.822	108.2
5	5 PFHpA	363.0 > 318.9	1.52e4	1.37e4	1.0000		4.00	3.83	13.9	9.340	93.4
6	6 L-PFHxS	398.9 > 79.6	2.99e3	1.53e3	1.0000		4.14	3.97	24.5	12.442	124.4
7	8 6:2 FTS	427.1 > 407	2.57e3	1.53e3	1.0000		4.46	4.29	21.0	7.309	73.1
8	9 L-PFOA	413 > 368.7	1.54e4	1.80e4	1.0000		4.34	4.34	10.7	9.215	92.1
9	11 PFHpS	449 > 80.0	4.34e3	1.80e4	1.0000		4.60	4.45	3.02	10.750	107.5
10	12 PFNA	463.0 > 418.8	1.80e4	1.42e4	1.0000		4.94	4.77	15.8	11.590	115.9
11	13 PFOSA	498.1 > 77.8	3.47e3	3.48e3	1.0000		5.00	4.84	12.5	10.364	103.6
12	14 L-PFOS	499 > 79.9	4.91e3	4.95e3	1.0000		5.02	4.85	12.4	11.123	111.2
13	16 PFDA	513 > 468.8	1.69e4	1.41e4	1.0000		5.31	5.13	14.9	10.359	103.6
14	17 8:2 FTS	527 > 506.9	3.03e3	1.41e4	1.0000		5.28	5.11	2.68	10.832	108.3
15	18 N-MeFOSAA	570.1 > 419	1.08e4	6.94e3	1.0000		5.45	5.28	19.5	11.873	118.7
16	19 N-EtFOSAA	584.2 > 419	8.31e3	8.18e3	1.0000		5.60	5.44	12.7	9.836	98.4
17	20 PFUdA	563.0 > 518.9	1.57e4	1.35e4	1.0000		5.62	5.45	14.6	11.513	115.1
18	21 PFDS	598.8 > 80	4.93e3	1.35e4	1.0000		5.67	5.50	4.58	13.639	136.4
19	22 PFDoA	612.9 > 569.0	1.78e4	8.70e3	1.0000		5.91	5.73	25.6	17.495	175.0
20	23 N-MeFOSA	512.1 > 168.9	1.14e4	2.91e4	1.0000		5.87	5.84	59.1	52.935	105.9
21	24 PFTrDA	662.9 > 618.9	1.85e4	8.70e3	1.0000		6.15	5.98	26.5	12.400	124.0
22	25 PFTeDA	712.9 > 668.8	1.04e4	5.48e3	1.0000		6.35	6.19	23.7	7.110	71.1
23	26 N-EtFOSA	526.1 > 168.9	1.46e4	4.16e4	1.0000		6.25	6.20	52.6	52.395	104.8
24	27 PFHxDA	813.1 > 768.6	8.17e3	3.61e3	1.0000		6.64	6.50	11.3	13.952	139.5
25	28 PFODA	913.1 > 868.8	7.95e3	3.61e3	1.0000		6.85	6.73	11.0	12.020	120.2
26	29 N-MeFOSE	616.1 > 58.9	1.31e4	3.95e4	1.0000		6.31	6.29	49.9	43.057	86.1
27	30 N-EtFOSE	630.1 > 58.9	1.91e4	4.17e4	1.0000		6.45	6.44	68.7	56.271	112.5
28	31 13C3-PFBA	216.1 > 171.8	1.46e4	1.85e4	1.0000	0.779	1.64	1.50	9.88	12.680	101.4
29	32 13C3-PFPeA	266. > 221.8	1.62e4	2.19e4	1.0000	0.797	2.60	2.45	9.21	11.565	92.5
30	33 13C3-PFBS	302. > 98.8	1.99e3	2.19e4	1.0000	0.095	2.87	2.72	1.13	11.943	95.5
31	34 13C2-PFHxA	315 > 269.8	5.33e3	2.19e4	1.0000	0.636	3.36	3.22	3.04	4.777	95.5

70-130

50-150



Dataset: U:\Q4.PRO\results\180115M2\180115M2-72.qld

Last Altered: Tuesday, January 16, 2018 14:02:55 Pacific Standard Time

Printed: Tuesday, January 16, 2018 14:04:19 Pacific Standard Time

Name: 180115M2_72, Date: 16-Jan-2018, Time: 13:54:28, ID: ST180115M2-12 PFC CS3 17L2611, Description: PFC CS3 17L2611

	# Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
32	35 13C4-PFHpA	367.2 > 321.8	1.37e4	2.19e4	1.0000	0.621	4.00	3.83	7.81	12.574	100.6
33	36 18O2-PFHxS	403.0 > 102.6	1.53e3	5.43e3	1.0000	0.336	4.14	3.97	3.52	10.478	83.8
34	37 13C2-6:2 FTS	429.1 > 408.9	3.60e3	1.68e4	1.0000	0.192	4.46	4.29	2.68	13.930	111.4
35	38 13C2-PFOA	414.9 > 369.7	1.80e4	1.68e4	1.0000	1.001	4.50	4.34	13.4	13.391	107.1
36	39 13C5-PFNA	468.2 > 422.9	1.42e4	2.02e4	1.0000	0.811	4.94	4.77	8.81	10.861	86.9
37	40 13C8-PFOSA	506.1 > 77.7	3.48e3	1.50e4	1.0000	0.196	5.00	4.84	2.91	14.818	118.5
38	41 13C8-PFOS	507.0 > 79.9	4.95e3	5.71e3	1.0000	0.862	5.02	4.85	10.8	12.568	100.5
39	42 13C2-PFDA	515.1 > 469.9	1.41e4	1.42e4	1.0000	0.996	5.31	5.14	12.4	12.483	99.9
40	43 13C2-8:2 FTS	529.1 > 508.7	1.85e3	2.19e4	1.0000	0.103	5.28	5.11	1.06	10.253	82.0
41	44 d3-N-MeFOSAA	573.3 > 419	6.94e3	1.50e4	1.0000	0.340	5.45	5.28	5.80	17.060	136.5
42	45 d5-N-EiFOSAA	589.3 > 419	8.18e3	1.50e4	1.0000	0.377	5.60	5.43	6.83	18.139	145.1
43	46 13C2-PFUdA	565 > 519.8	1.35e4	1.50e4	1.0000	0.944	5.62	5.45	11.3	11.929	95.4
44	47 13C2-PFDoA	615.0 > 569.7	8.70e3	1.50e4	1.0000	0.726	5.91	5.73	7.27	10.015	80.1
45	48 d3-N-MeFOSA	515.2 > 168.9	2.91e4	1.50e4	1.0000	0.119	5.87	5.86	24.3	204.218	136.1
46	49 13C2-PFTeDA	714.8 > 669.6	5.48e3	1.50e4	1.0000	0.371	6.35	6.19	4.58	12.338	98.7
47	50 d5-N-ETFOSA	531.1 > 168.9	4.16e4	1.50e4	1.0000	0.174	6.25	6.21	34.8	200.308	133.5
48	51 13C2-PFHxDA	815 > 769.7	3.61e3	1.50e4	1.0000	0.559	6.64	6.50	3.02	5.398	108.0
49	52 d7-N-MeFOSE	623.1 > 58.9	3.95e4	1.50e4	1.0000	0.179	6.31	6.28	33.0	183.874	122.6
50	53 d9-N-EiFOSE	639.2 > 58.8	4.17e4	1.50e4	1.0000	0.160	6.45	6.43	34.9	218.480	145.7
51	54 13C4-PFBA	217. > 171.8	1.85e4	1.85e4	1.0000	1.000	1.64	1.49	12.5	12.500	100.0
52	55 13C5-PFHxA	318 > 272.9	2.19e4	2.19e4	1.0000	1.000	3.36	3.22	12.5	12.500	100.0
53	56 13C3-PFHxS	401.9 > 79.9	5.43e3	5.43e3	1.0000	1.000	4.14	3.97	12.5	12.500	100.0
54	57 13C8-PFOA	421.3 > 376	1.68e4	1.68e4	1.0000	1.000	4.50	4.34	12.5	12.500	100.0
55	58 13C9-PFNA	472.2 > 426.9	2.02e4	2.02e4	1.0000	1.000	4.94	4.77	12.5	12.500	100.0
56	59 13C4-PFOS	503 > 79.9	5.71e3	5.71e3	1.0000	1.000	5.02	4.85	12.5	12.500	100.0
57	60 13C6-PFDA	519.1 > 473.7	1.42e4	1.42e4	1.0000	1.000	5.31	5.13	12.5	12.500	100.0
58	61 13C7-PFUdA	570.1 > 524.8	1.50e4	1.50e4	1.0000	1.000	5.62	5.45	12.5	12.500	100.0

50-150
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Last Altered: Tuesday, January 16, 2018 14:20:11 Pacific Standard Time

Printed: Tuesday, January 16, 2018 14:20:51 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_011518.mdb 16 Jan 2018 13:43:12

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_01-15-18-FULL-OLD.cdb 16 Jan 2018 10:22:57

Compound name: PFBA

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1	180115M2_1	ST180115M2-1 PFC CS-2 17L2606	16-Jan-18	00:14:07
2	180115M2_2	ST180115M2-2 PFC CS-1 17L2607	16-Jan-18	00:25:32
3	180115M2_3	ST180115M2-3 PFC CS0 17L2608	16-Jan-18	00:37:02
4	180115M2_4	ST180115M2-4 PFC CS1 17L2609	16-Jan-18	00:48:46
5	180115M2_5	ST180115M2-5 PFC CS2 17L2610	16-Jan-18	01:00:17
6	180115M2_6	ST180115M2-6 PFC CS3 17L2611	16-Jan-18	01:11:44
7	180115M2_7	ST180115M2-7 PFC CS4 17L1208	16-Jan-18	01:23:11
8	180115M2_8	ST180115M2-8 PFC CS5 17L2613	16-Jan-18	01:34:38
9	180115M2_9	IPA	16-Jan-18	01:46:05
10	180115M2_10	ICV180115M2-1 PFC ICV 17L1201	16-Jan-18	01:57:31
11	180115M2_11	IPA	16-Jan-18	02:08:58
12	180115M2_12	1701851-03 FT-PZ-455S-20171202 0.2638	16-Jan-18	02:20:26
13	180115M2_13	1701851-04 FT-PZ-455I-20171202 0.25637	16-Jan-18	02:31:52
14	180115M2_14	1701851-05 FT-PZ-453S-20171202 0.23285	16-Jan-18	02:43:19
15	180115M2_15	1701851-06 FT-PZ-453S-FRB-20171202 0.26...	16-Jan-18	02:54:46
16	180115M2_16	1701851-07 FT-PZ-456I-FRB-20171204 0.2536	16-Jan-18	03:06:13
17	180115M2_17	1701851-08 FT-PZ-456I-20171204 0.26041	16-Jan-18	03:17:39
18	180115M2_18	1701851-09 FT-PZ-456S-20171204 0.25898	16-Jan-18	03:29:06
19	180115M2_19	1701944-01 GW-PT-CHIN-254.5-260.5 0.11993	16-Jan-18	03:40:33
20	180115M2_20	1701944-02 GW-PT-CHIN-71-77 0.11916	16-Jan-18	03:52:00
21	180115M2_21	1701944-03 GW-PT-CHIN-178-184 0.11889	16-Jan-18	04:03:27
22	180115M2_22	1701944-04 GW-PT-CHIN-108-114 0.12008	16-Jan-18	04:14:54
23	180115M2_23	1701944-05 GW-PT-CHIN-57-63 0.11948	16-Jan-18	04:26:21
24	180115M2_24	1701944-06 FB-PT-Diwater 0.11902	16-Jan-18	04:37:48
25	180115M2_25	IPA	16-Jan-18	04:49:15
26	180115M2_26	ST180115M2-9 PFC CS3 17L2611	16-Jan-18	05:00:41
27	180115M2_27	IPA	16-Jan-18	05:12:08
28	180115M2_28	1701944-07 GW-PT-CHIN-254.5-260.5-Dup 0...	16-Jan-18	05:23:43
29	180115M2_29	1701944-08 GW-PT-CHIN-116-122 0.11949	16-Jan-18	05:35:10
30	180115M2_30	1701944-09 EB-PT-Waterlevel 0.10468	16-Jan-18	05:46:37
31	180115M2_31	1701944-10 EB-PT-grundfos 0.11733	16-Jan-18	05:58:04

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Last Altered: Tuesday, January 16, 2018 14:20:11 Pacific Standard Time

Printed: Tuesday, January 16, 2018 14:20:51 Pacific Standard Time

Compound name: PFBA

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33	180115M2_33	1701944-12 GW-PT-CHIN-271.5-277.5 0.11931	16-Jan-18	06:20:58
34	180115M2_34	1701944-13 EB-PT-Packers 0.11813	16-Jan-18	06:32:24
35	180115M2_35	B7L0120-BS1 OPR 0.25	16-Jan-18	06:43:51
36	180115M2_36	B7L0120-BSD1 LCSD 0.25	16-Jan-18	06:55:18
37	180115M2_37	IPA	16-Jan-18	07:06:45
38	180115M2_38	B7L0120-BLK1 Method Blank 0.25	16-Jan-18	07:18:12
39	180115M2_39	1701886-01 YS22-EB01-120417 0.11748	16-Jan-18	07:29:39
40	180115M2_40	1701886-02 YS22-AQ-120517 0.11801	16-Jan-18	07:41:05
41	180115M2_41	1701886-03 YS22-GW18-1217 0.11927	16-Jan-18	07:52:32
42	180115M2_42	IPA	16-Jan-18	08:04:00
43	180115M2_43	ST180115M2-10 PFC CS3 17L2611	16-Jan-18	08:15:26
44	180115M2_44	IPA	16-Jan-18	08:26:53
45	180115M2_45	B7L0183-BS1 OPR 0.25	16-Jan-18	08:38:20
46	180115M2_46	B7L0183-BSD1 LCSD 0.25	16-Jan-18	08:49:46
47	180115M2_47	B7L0183-BLK1 Method Blank 0.25	16-Jan-18	09:01:13
48	180115M2_48	1701953-01 CV-Dup09-20171213 0.2568	16-Jan-18	09:12:40
49	180115M2_49	1701953-02 SA-MW127S-20171213 0.23624	16-Jan-18	09:24:07
50	180115M2_50	1701953-03 SA-MW126S-20171213 0.24287	16-Jan-18	09:42:12
51	180115M2_51	1701953-04 SA-MW126I-20171213 0.24106	16-Jan-18	09:53:46
52	180115M2_52	1701953-05 SA-MW127S-FRB-20171213 0.2...	16-Jan-18	10:05:14
53	180115M2_53	1701953-06 SA-Dup10-20171213 0.25769	16-Jan-18	10:16:50
54	180115M2_54	1701953-07 SA-PZ123S-20171213 0.24245	16-Jan-18	10:28:24
55	180115M2_55	1701953-08 SA-PZ123I-20171213 0.25702	16-Jan-18	10:39:51
56	180115M2_56	1701953-09 SA-PZ123I1-20171213 0.25747	16-Jan-18	10:51:18
57	180115M2_57	1701953-10 SA-PZ118S-20171213 0.23505	16-Jan-18	11:02:44
58	180115M2_58	1701953-11 SA-PZ118I-20171213 0.24112	16-Jan-18	11:14:11
59	180115M2_59	IPA	16-Jan-18	11:25:38
60	180115M2_60	ST180115M2-11 PFC CS0 17L2608	16-Jan-18	11:37:05
61	180115M2_61	IPA	16-Jan-18	11:48:32
62	180115M2_62	1701905-03RE1@40X WINF1712061655JLB ...	16-Jan-18	11:59:59
63	180115M2_63	1701852-01@20X IR03-MW034-C2-17D 0.26...	16-Jan-18	12:11:26
64	180115M2_64	1701852-02@20X IR03-MW018B-C1-17D 0.2...	16-Jan-18	12:22:53
65	180115M2_65	1701852-03@40X IR03-MW018A-C2-17D 0.2...	16-Jan-18	12:34:19

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Last Altered: Tuesday, January 16, 2018 14:20:11 Pacific Standard Time

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Compound name: PFBA

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66	180115M2_66	1701852-03@20X IR03-MW018A-C2-17D 0.2...	16-Jan-18	12:45:47
67	180115M2_67	IPA	16-Jan-18	12:57:13
68	180115M2_68	1701852-02 IR03-MW018B-C1-17D 0.25583	16-Jan-18	13:08:40
69	180115M2_69	IPA	16-Jan-18	13:20:07
70	180115M2_70	1701840-05 YS22-GW10-1217 0.11512	16-Jan-18	13:31:34
71	180115M2_71	IPA	16-Jan-18	13:43:01
72	180115M2_72	ST180115M2-12 PFC CS3 17L2611	16-Jan-18	13:54:28

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Last Altered: Tuesday, January 16, 2018 14:02:55 Pacific Standard Time

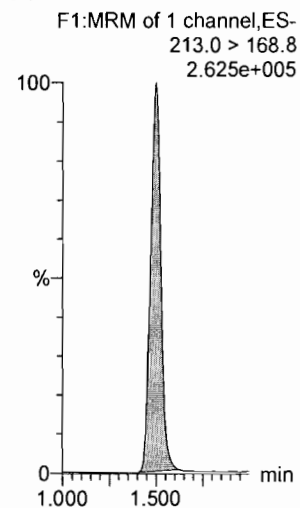
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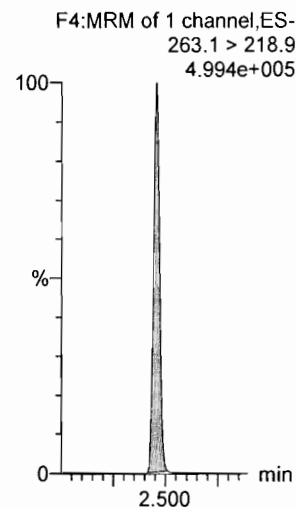
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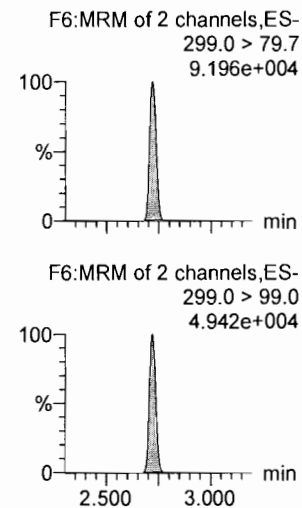
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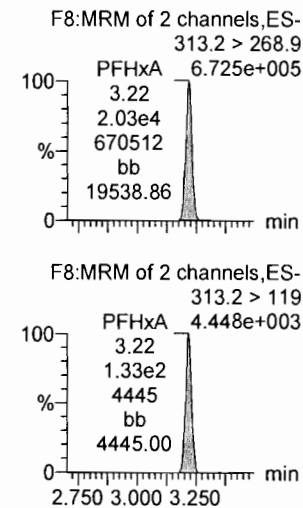
PFPeA



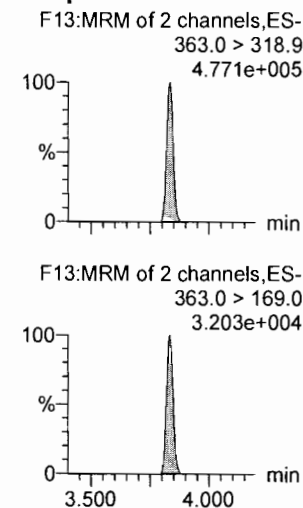
PFBS



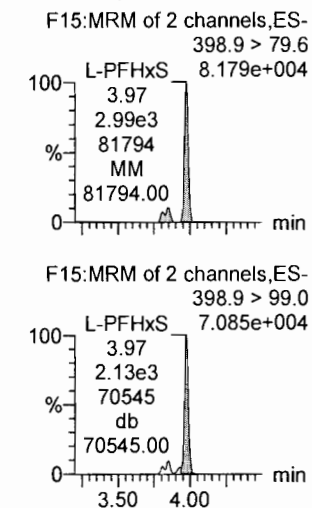
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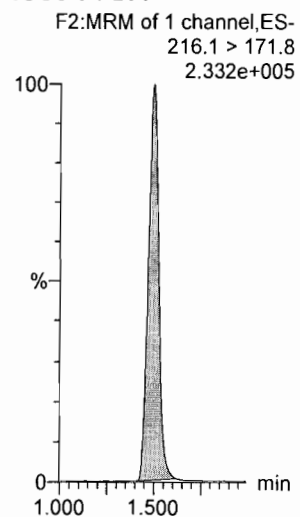
PFHpA



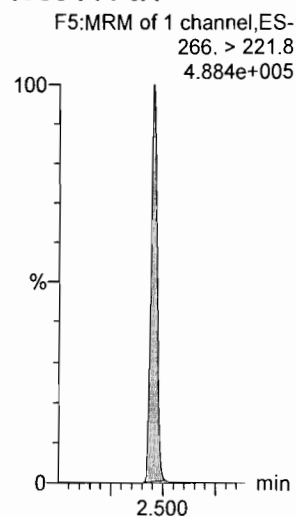
L-PFHxS



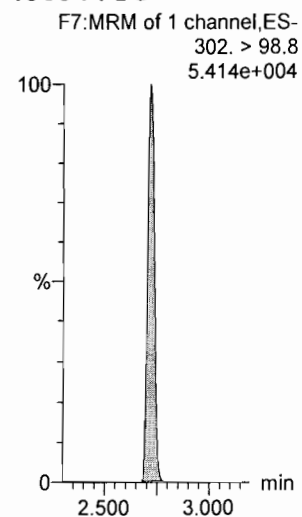
13C3-PFBA



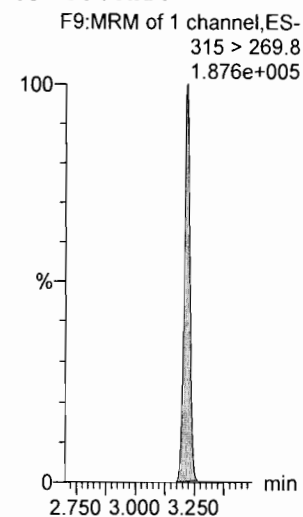
13C3-PFPeA



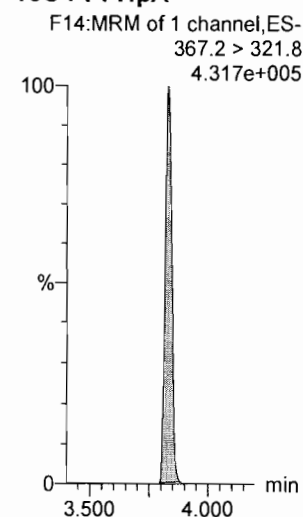
13C3-PFBS



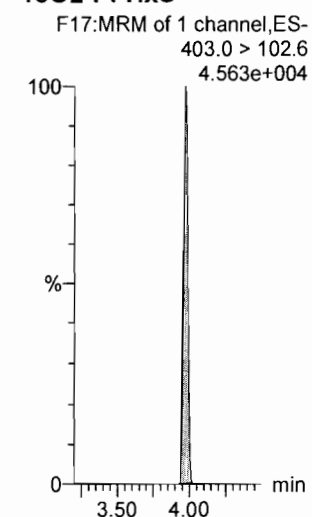
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



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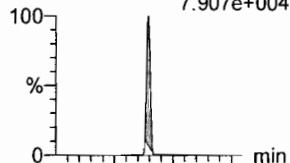
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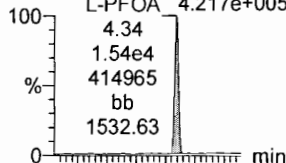
6:2 FTS

F21:MRM of 2 channels,ES-
427.1 > 407
7.907e+004



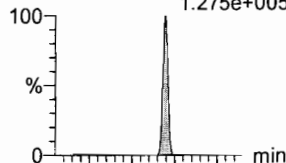
L-PFOA

F18:MRM of 2 channels,ES-
413 > 368.7
4.217e+005



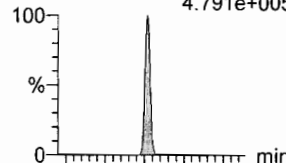
PFHpS

F23:MRM of 2 channels,ES-
449 > 80.0
1.275e+005



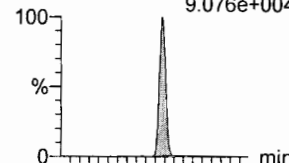
PFNA

F24:MRM of 2 channels,ES-
463.0 > 418.8
4.791e+005



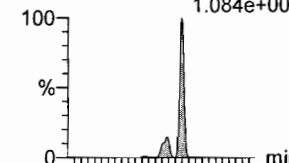
PFOSA

F27:MRM of 2 channels,ES-
498.1 > 77.8
9.076e+004

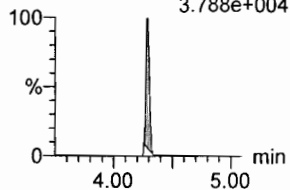


L-PFOS

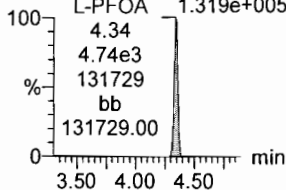
F29:MRM of 2 channels,ES-
499 > 79.9
1.084e+005



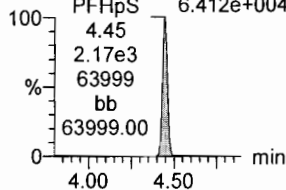
F21:MRM of 2 channels,ES-
427.1 > 80
3.788e+004



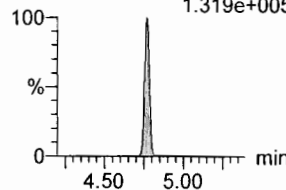
F18:MRM of 2 channels,ES-
413 > 169
1.319e+005



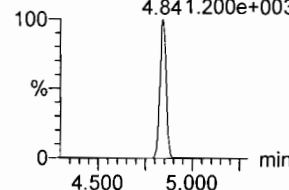
F23:MRM of 2 channels,ES-
449 > 98.7
6.412e+004



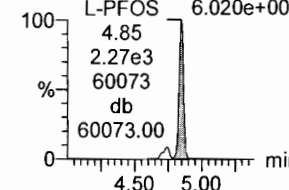
F24:MRM of 2 channels,ES-
463.0 > 219.0
1.319e+005



F27:MRM of 2 channels,ES-
498.1 > 478
4.841.200e+003

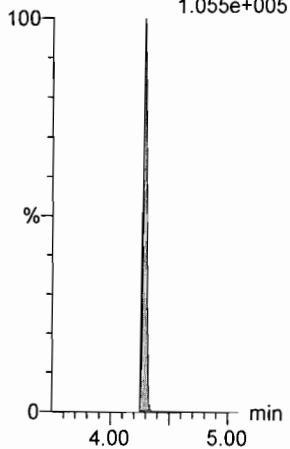


F29:MRM of 2 channels,ES-
499 > 99
6.020e+004



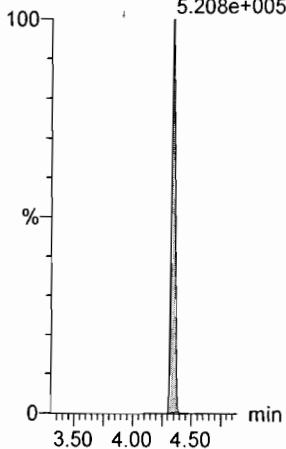
13C2-6:2 FTS

F22:MRM of 1 channel,ES-
429.1 > 408.9
1.055e+005



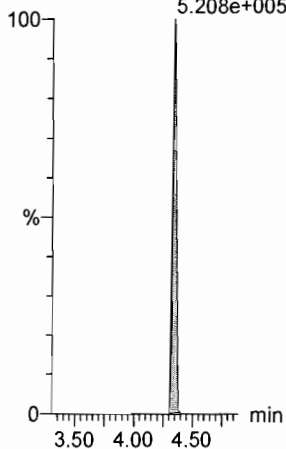
13C2-PFOA

F19:MRM of 1 channel,ES-
414.9 > 369.7
5.208e+005



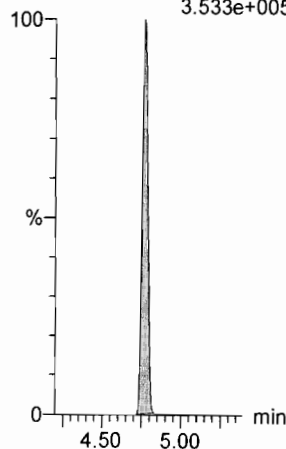
13C2-PFOA

F19:MRM of 1 channel,ES-
414.9 > 369.7
5.208e+005



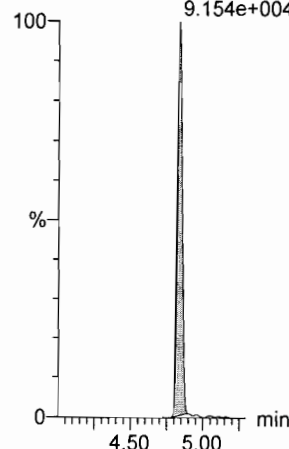
13C5-PFNA

F25:MRM of 1 channel,ES-
468.2 > 422.9
3.533e+005



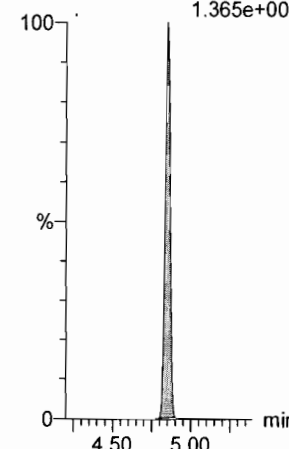
13C8-PFOA

F31:MRM of 1 channel,ES-
506.1 > 77.7
9.154e+004



13C8-PFOS

F32:MRM of 1 channel,ES-
507.0 > 79.9
1.365e+005



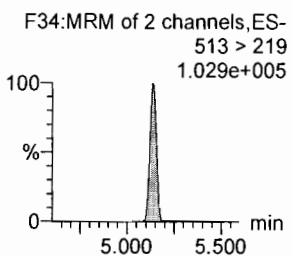
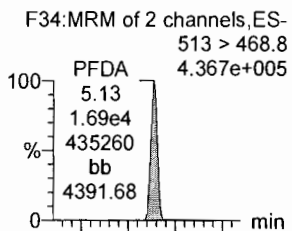
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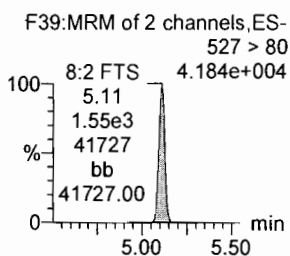
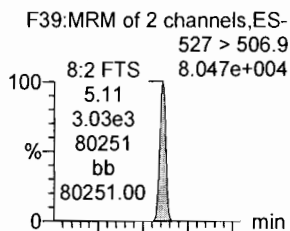
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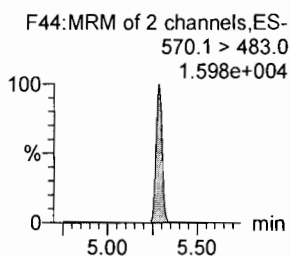
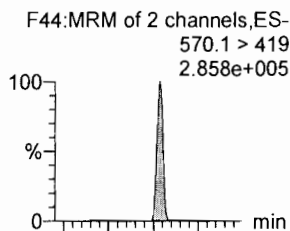
PFDA



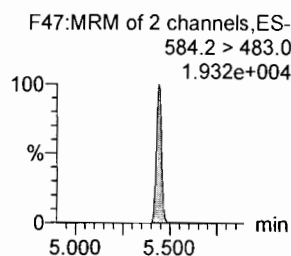
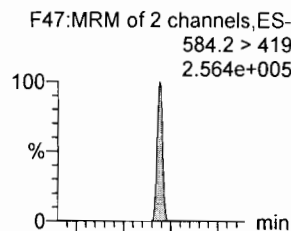
8:2 FTS



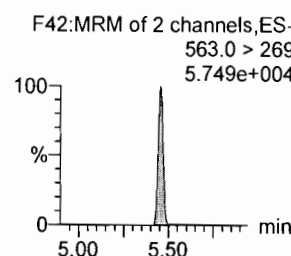
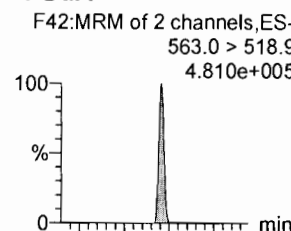
N-MeFOSAA



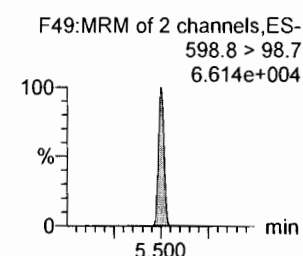
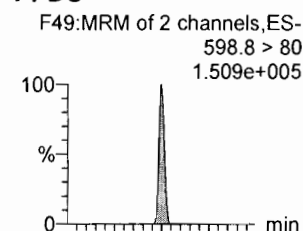
N-EtFOSAA



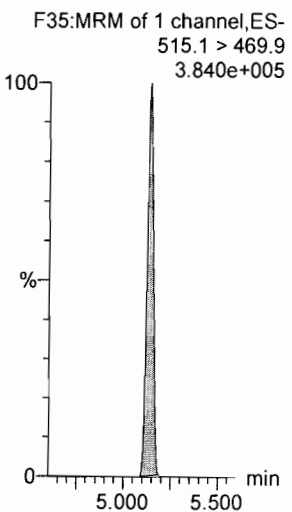
PFUdA



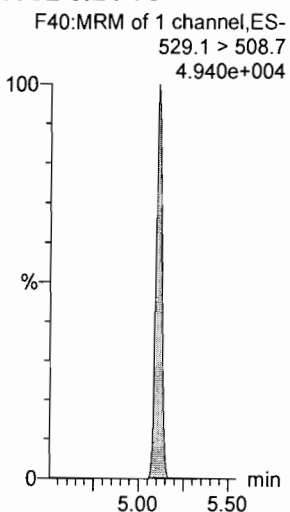
PFDS



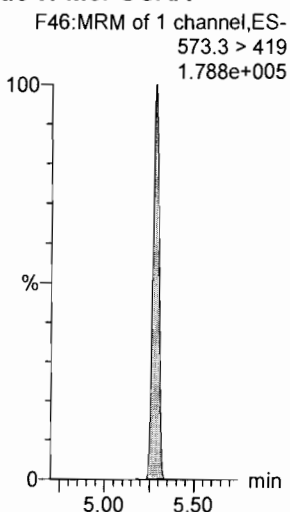
13C2-PFDA



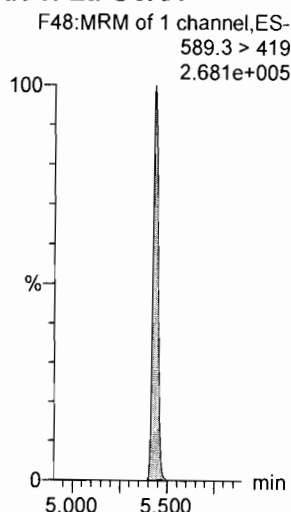
13C2-8:2 FTS



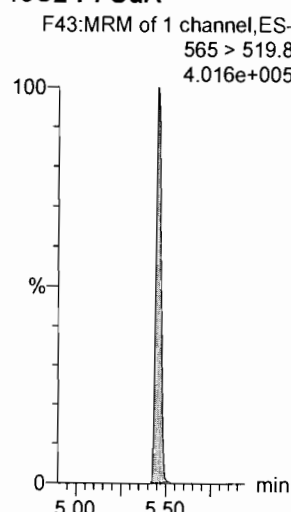
d3-N-MeFOSAA



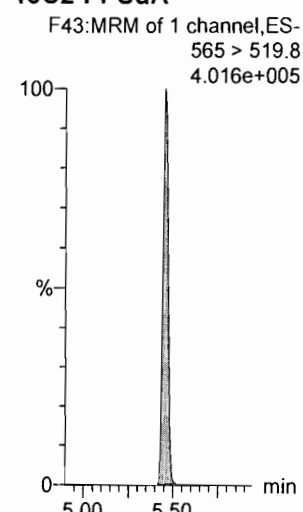
d5-N-EtFOSAA



13C2-PFUdA



13C2-PFUdA



Dataset: U:\Q4.PRO\results\180115M2\180115M2-72.qld

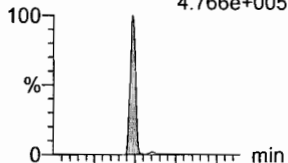
Last Altered: Tuesday, January 16, 2018 14:02:55 Pacific Standard Time

Printed: Tuesday, January 16, 2018 14:04:19 Pacific Standard Time

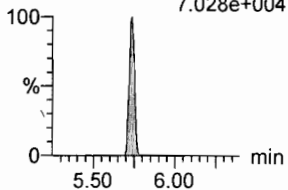
Name: 180115M2_72, Date: 16-Jan-2018, Time: 13:54:28, ID: ST180115M2-12 PFC CS3 17L2611, Description: PFC CS3 17L2611

PFD_oA

F50:MRM of 2 channels,ES-
612.9 > 569.0
4.766e+005

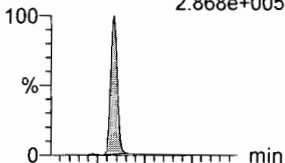


F50:MRM of 2 channels,ES-
612.9 > 318.8
7.028e+004

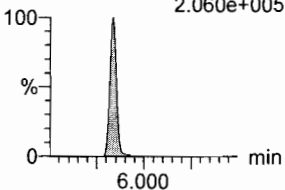


N-MeFOSA

F33:MRM of 2 channels,ES-
512.1 > 168.9
2.868e+005

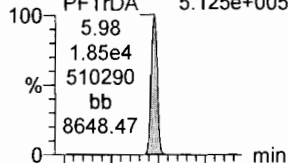


F33:MRM of 2 channels,ES-
512.1 > 219
2.060e+005

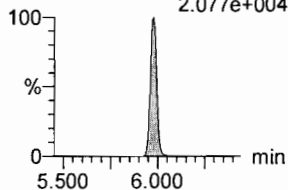


PFT_rDA

F56:MRM of 2 channels,ES-
662.9 > 618.9
5.125e+005

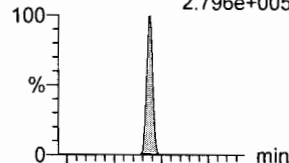


F56:MRM of 2 channels,ES-
662.9 > 319
2.077e+004

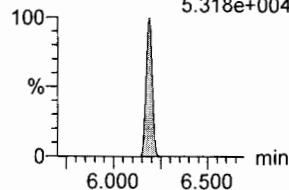


PFT_eDA

F57:MRM of 2 channels,ES-
712.9 > 668.8
2.796e+005

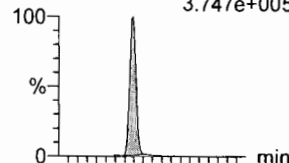


F57:MRM of 2 channels,ES-
712.9 > 369
5.318e+004

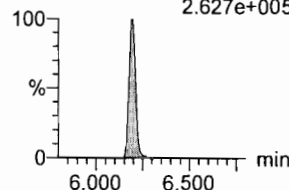


N-EtFOSA

F38:MRM of 2 channels,ES-
526.1 > 168.9
3.747e+005

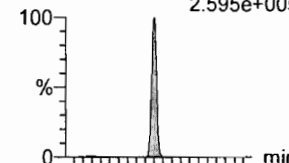


F38:MRM of 2 channels,ES-
526.1 > 219
2.627e+005

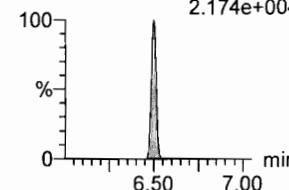


PFH_xDA

F59:MRM of 2 channels,ES-
813.1 > 768.6
2.595e+005

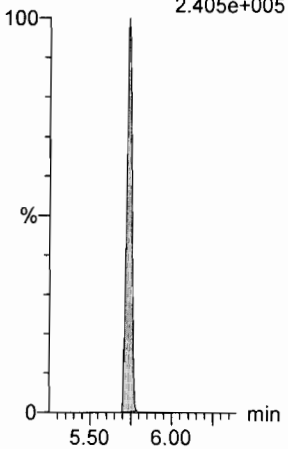


F59:MRM of 2 channels,ES-
813.1 > 219
2.174e+004



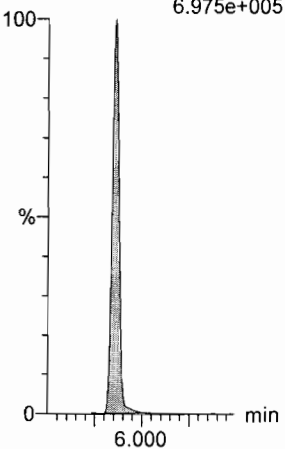
13C2-PFD_oA

F51:MRM of 1 channel,ES-
615.0 > 569.7
2.405e+005



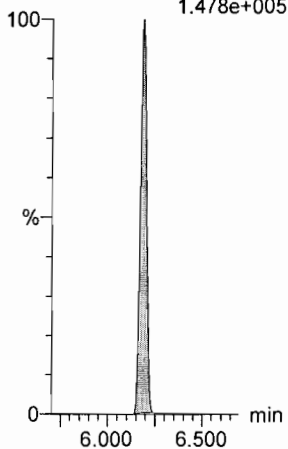
d3-N-MeFOSA

F36:MRM of 1 channel,ES-
515.2 > 168.9
6.975e+005



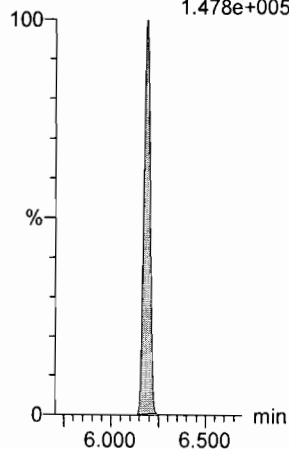
13C2-PFT_eDA

F58:MRM of 2 channels,ES-
714.8 > 669.6
1.478e+005



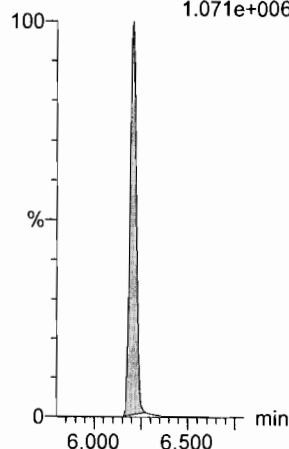
13C2-PFT_eDA

F58:MRM of 2 channels,ES-
714.8 > 669.6
1.478e+005



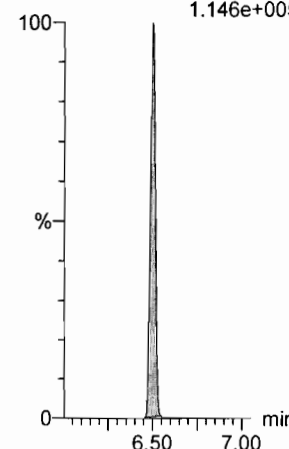
d5-N-ETFOSA

F41:MRM of 1 channel,ES-
531.1 > 168.9
1.071e+006



13C2-PFH_xDA

F60:MRM of 1 channel,ES-
815 > 769.7
1.146e+005



Dataset: U:\Q4.PRO\results\180115M2\180115M2-72.qld

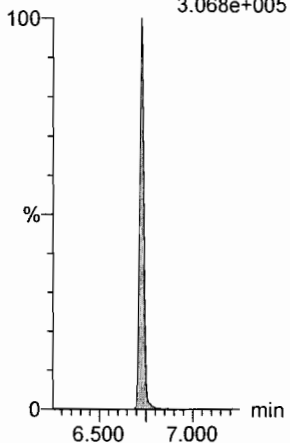
Last Altered: Tuesday, January 16, 2018 14:02:55 Pacific Standard Time

Printed: Tuesday, January 16, 2018 14:04:19 Pacific Standard Time

Name: 180115M2_72, Date: 16-Jan-2018, Time: 13:54:28, ID: ST180115M2-12 PFC CS3 17L2611, Description: PFC CS3 17L2611

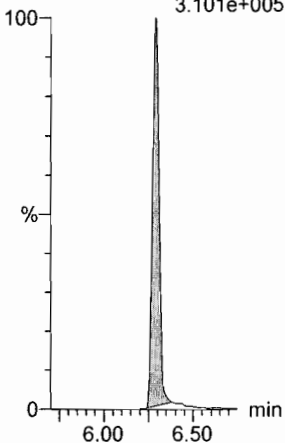
PFODA

F61:MRM of 1 channel,ES-
913.1 > 868.8
3.068e+005



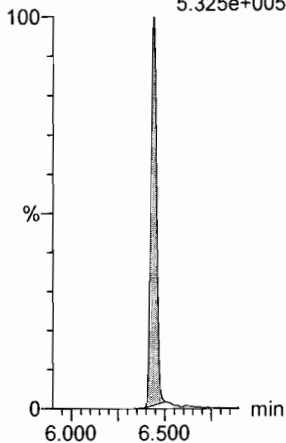
N-MeFOSE

F52:MRM of 1 channel,ES-
616.1 > 58.9
3.101e+005



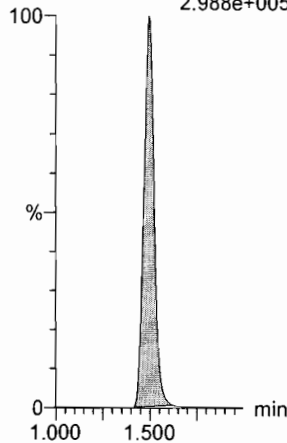
N-EtFOSE

F54:MRM of 1 channel,ES-
630.1 > 58.9
5.325e+005



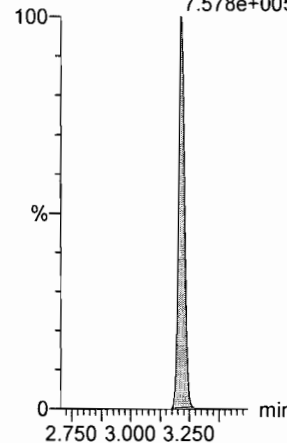
13C4-PFBA

F3:MRM of 1 channel,ES-
217. > 171.8
2.988e+005



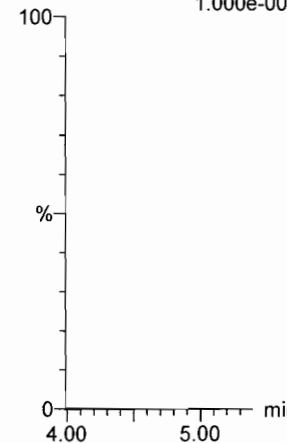
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
7.578e+005



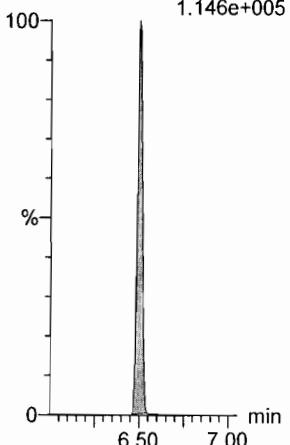
TCDA

F28:MRM of 3 channels,ES-
-
498.3 > 106.9
1.000e-003



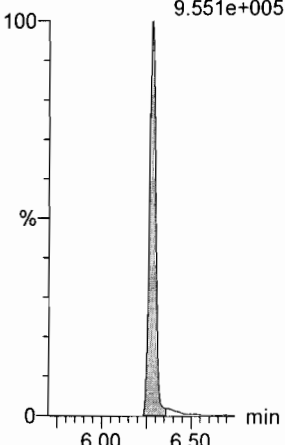
13C2-PFHxDA

F60:MRM of 1 channel,ES-
815 > 769.7
1.146e+005



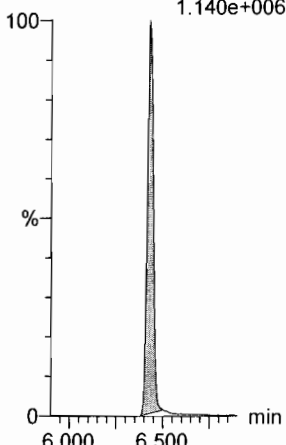
d7-N-MeFOSE

F53:MRM of 1 channel,ES-
623.1 > 58.9
9.551e+005



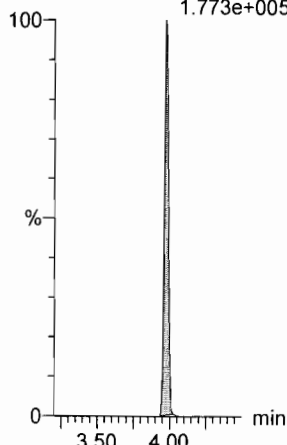
d9-N-EtFOSE

F55:MRM of 1 channel,ES-
639.2 > 58.8
1.140e+006



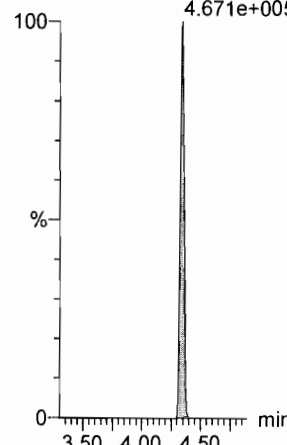
13C3-PFHxS

F16:MRM of 1 channel,ES-
401.9 > 79.9
1.773e+005



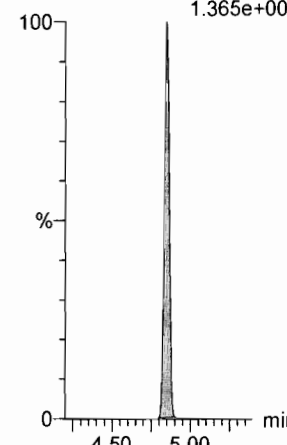
13C8-PFOA

F20:MRM of 1 channel,ES-
421.3 > 376
4.671e+005



13C8-PFOS

F32:MRM of 1 channel,ES-
507.0 > 79.9
1.365e+005



Dataset: U:\Q4.PRO\results\180115M2\180115M2-72.qld

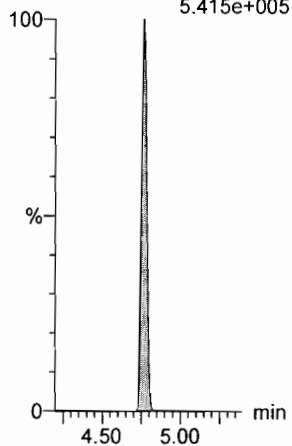
Last Altered: Tuesday, January 16, 2018 14:02:55 Pacific Standard Time

Printed: Tuesday, January 16, 2018 14:04:19 Pacific Standard Time

Name: 180115M2_72, Date: 16-Jan-2018, Time: 13:54:28, ID: ST180115M2-12 PFC CS3 17L2611, Description: PFC CS3 17L2611

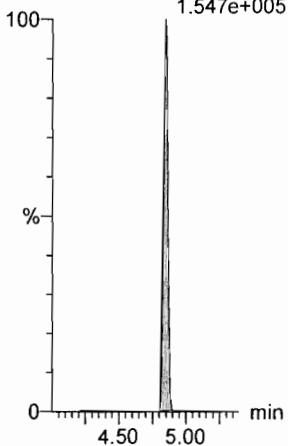
13C9-PFNA

F26:MRM of 1 channel,ES-
472.2 > 426.9
5.415e+005



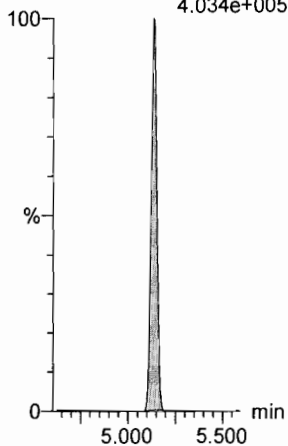
13C4-PFOS

F30:MRM of 1 channel,ES-
503 > 79.9
1.547e+005



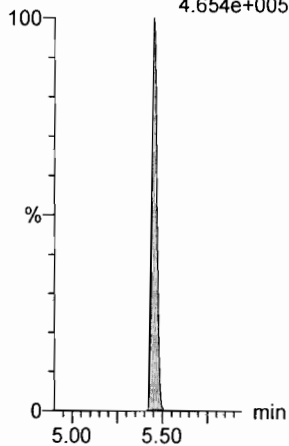
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
4.034e+005



13C7-PFUDa

F45:MRM of 1 channel,ES-
570.1 > 524.8
4.654e+005



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

Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

Last Altered: Tuesday, December 26, 2017 14:44:48 Pacific Standard Time
 Printed: Tuesday, December 26, 2017 14:45:33 Pacific Standard Time

-6:2 uses BCL - PFDA
 -8:2 uses BCL - PFDA
 -PFT-DA uses BCL-PFT-DA

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_122317.mdb 26 Dec 2017 10:08:34
 Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_12-24-17_NEWIS.cdb 26 Dec 2017 14:44:46

Compound name: PFBA

Correlation coefficient: $r = 0.999898$, $r^2 = 0.999796$
 Calibration curve: $1.2162 * x + -0.0497286$
 Response type: Internal Std (Ref 31), Area * (IS Conc. / IS Area)
 Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None

Handwritten: P 12/26/17
 JHA 12/26/2017

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	171224M1_3	Standard	0.500	1.47	1115.382	23709.014	0.588	0.5	4.9	NO	1.000	NO	bb
2	171224M1_4	Standard	1.000	1.47	915.145	10489.774	1.091	0.9	-6.2	NO	1.000	NO	bb
3	171224M1_5	Standard	2.000	1.47	1912.482	10537.619	2.269	1.9	-4.7	NO	1.000	NO	bb
4	171224M1_6	Standard	5.000	1.47	4508.656	9287.774	6.068	5.0	0.6	NO	1.000	NO	bb
5	171224M1_7	Standard	10.000	1.47	9995.770	10064.961	12.414	10.2	2.5	NO	1.000	NO	bb
6	171224M1_8	Standard	50.000	1.47	45346.113	9653.088	58.720	48.3	-3.4	NO	1.000	NO	bb
7	171224M1_9	Standard	100.000	1.47	94161.742	9944.933	118.354	97.4	-2.6	NO	1.000	NO	bb
8	171224M1_10	Standard	250.000	1.47	231522.516	9529.157	303.703	249.8	-0.1	NO	1.000	NO	bb
9	171224M1_11	Standard	500.000	1.47	451943.375	9209.453	613.423	504.4	0.9	NO	1.000	NO	bb

Compound name: PFPeA

Correlation coefficient: $r = 0.999943$, $r^2 = 0.999886$
 Calibration curve: $1.07922 * x + -0.0200015$
 Response type: Internal Std (Ref 32), 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	171224M1_3	Standard	0.500	2.44	1379.265	31695.000	0.544	0.5	4.5	NO	1.000	NO	bb
2	171224M1_4	Standard	1.000	2.44	1103.337	13627.499	1.012	1.0	-4.4	NO	1.000	NO	bb
3	171224M1_5	Standard	2.000	2.44	2201.079	13542.714	2.032	1.9	-4.9	NO	1.000	NO	bb
4	171224M1_6	Standard	5.000	2.44	5353.247	12055.214	5.551	5.2	3.2	NO	1.000	NO	bb
5	171224M1_7	Standard	10.000	2.44	11810.079	13787.864	10.707	9.9	-0.6	NO	1.000	NO	bb
6	171224M1_8	Standard	50.000	2.44	54634.066	12340.145	55.342	51.3	2.6	NO	1.000	NO	bb
7	171224M1_9	Standard	100.000	2.44	106801.359	12482.205	106.954	99.1	-0.9	NO	1.000	NO	bb
8	171224M1_10	Standard	250.000	2.44	248031.844	11370.422	272.672	252.7	1.1	NO	1.000	NO	bb
9	171224M1_11	Standard	500.000	2.44	463888.000	10812.905	536.267	496.9	-0.6	NO	1.000	NO	bb

Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

Last Altered: Tuesday, December 26, 2017 14:44:48 Pacific Standard Time
 Printed: Tuesday, December 26, 2017 14:45:33 Pacific Standard Time

Compound name: PFBS

Correlation coefficient: $r = 0.999522$, $r^2 = 0.999043$

Calibration curve: $2.11171 * x + 0.0397539$

Response type: Internal Std (Ref 33), 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 171224M1_3	Standard	0.500	2.71	320.648	3705.145	1.082	0.5	-1.3	NO	0.999	NO	bb
2	2 171224M1_4	Standard	1.000	2.71	245.356	1710.339	1.793	0.8	-17.0	NO	0.999	NO	bb
3	3 171224M1_5	Standard	2.000	2.71	587.404	1633.196	4.496	2.1	5.5	NO	0.999	NO	bb
4	4 171224M1_6	Standard	5.000	2.71	1386.572	1671.138	10.371	4.9	-2.1	NO	0.999	NO	bb
5	5 171224M1_7	Standard	10.000	2.71	3066.581	1653.483	23.183	11.0	9.6	NO	0.999	NO	bb
6	6 171224M1_8	Standard	50.000	2.71	14089.127	1557.788	113.054	53.5	7.0	NO	0.999	NO	bb
7	7 171224M1_9	Standard	100.000	2.71	26713.615	1629.394	204.935	97.0	-3.0	NO	0.999	NO	bb
8	8 171224M1_10	Standard	250.000	2.71	63613.633	1461.446	544.098	257.6	3.1	NO	0.999	NO	bb
9	9 171224M1_11	Standard	500.000	2.71	107043.266	1290.356	1036.955	491.0	-1.8	NO	0.999	NO	bb

Compound name: PFHxA

Correlation coefficient: $r = 0.999619$, $r^2 = 0.999237$

Calibration curve: $1.4505 * x + 0.120209$

Response type: Internal Std (Ref 34), 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 171224M1_3	Standard	0.500	3.20	1735.421	10843.652	0.800	0.5	-6.2	NO	0.999	NO	bb
2	2 171224M1_4	Standard	1.000	3.20	1519.469	5035.146	1.509	1.0	-4.3	NO	0.999	NO	bb
3	3 171224M1_5	Standard	2.000	3.20	2702.162	4331.717	3.119	2.1	3.4	NO	0.999	NO	bb
4	4 171224M1_6	Standard	5.000	3.20	6819.132	4350.599	7.837	5.3	6.4	NO	0.999	NO	bb
5	5 171224M1_7	Standard	10.000	3.20	13951.492	4604.419	15.150	10.4	3.6	NO	0.999	NO	bb
6	6 171224M1_8	Standard	50.000	3.20	65218.352	4385.108	74.363	51.2	2.4	NO	0.999	NO	bb
7	7 171224M1_9	Standard	100.000	3.20	131440.703	4723.769	139.127	95.8	-4.2	NO	0.999	NO	bb
8	8 171224M1_10	Standard	250.000	3.20	318159.531	4525.882	351.489	242.2	-3.1	NO	0.999	NO	bb
9	9 171224M1_11	Standard	500.000	3.20	600533.625	4057.806	739.973	510.1	2.0	NO	0.999	NO	bb

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Compound name: PFHpA

Correlation coefficient: $r = 0.999296$, $r^2 = 0.998592$

Calibration curve: $1.55722 * x + -0.220525$

Response type: Internal Std (Ref 35), 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 171224M1_3	Standard	0.500	3.81	1278.936	20304.072	0.787	0.6	29.4	NO	0.999	NO	MM
2	2 171224M1_4	Standard	1.000	3.81	992.726	9581.803	1.295	1.0	-2.7	NO	0.999	NO	MM
3	3 171224M1_5	Standard	2.000	3.81	2046.176	9512.941	2.689	1.9	-6.6	NO	0.999	NO	bb
4	4 171224M1_6	Standard	5.000	3.81	4953.206	8204.773	7.546	5.0	-0.2	NO	0.999	NO	bb
5	5 171224M1_7	Standard	10.000	3.81	11299.715	10393.195	13.590	8.9	-11.3	NO	0.999	NO	bb
6	6 171224M1_8	Standard	50.000	3.81	50943.602	9062.967	70.263	45.3	-9.5	NO	0.999	NO	bb
7	7 171224M1_9	Standard	100.000	3.81	99818.297	8294.617	150.426	96.7	-3.3	NO	0.999	NO	bb
8	8 171224M1_10	Standard	250.000	3.81	247210.219	7595.547	406.834	261.4	4.6	NO	0.999	NO	bb
9	9 171224M1_11	Standard	500.000	3.81	448274.313	7231.245	774.891	497.8	-0.4	NO	0.999	NO	bb

Compound name: L-PFHxS

Correlation coefficient: $r = 0.998617$, $r^2 = 0.997237$

Calibration curve: $2.24931 * x + 0.0687211$

Response type: Internal Std (Ref 36), 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 171224M1_3	Standard	0.500	3.95	318.340	3601.725	1.105	0.5	-7.9	NO	0.997	NO	MM
2	2 171224M1_4	Standard	1.000	3.95	239.461	1323.878	2.261	1.0	-2.5	NO	0.997	NO	MM
3	3 171224M1_5	Standard	2.000	3.95	479.160	1279.499	4.681	2.1	2.5	NO	0.997	NO	MM
4	4 171224M1_6	Standard	5.000	3.95	1085.374	1174.813	11.548	5.1	2.1	NO	0.997	NO	MM
5	5 171224M1_7	Standard	10.000	3.95	2685.301	1291.184	25.996	11.5	15.3	NO	0.997	NO	MM
6	6 171224M1_8	Standard	50.000	3.95	11522.165	1277.727	112.721	50.1	0.2	NO	0.997	NO	MM
7	7 171224M1_9	Standard	100.000	3.95	23883.375	1444.815	206.630	91.8	-8.2	NO	0.997	NO	MM
8	8 171224M1_10	Standard	250.000	3.95	56415.852	1327.052	531.402	236.2	-5.5	NO	0.997	NO	MM
9	9 171224M1_11	Standard	500.000	3.95	103821.250	1108.955	1170.260	520.2	4.0	NO	0.997	NO	MM

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Compound name: 6:2 FTS

Coefficient of Determination: $R^2 = 0.999475$

Calibration curve: $0.000101954 * x^2 + 0.218862 * x + -0.0116435$

Response type: Internal Std (Ref 38), 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 171224M1_3	Standard	0.500	4.26	285.680	34001.406	0.105	0.5	6.6	NO	0.999	NO	MM
2	2 171224M1_4	Standard	1.000	4.26	195.436	14890.310	0.164	0.8	-19.7	NO	0.999	NO	MM
3	3 171224M1_5	Standard	2.000	4.27	508.480	14425.752	0.441	2.1	3.2	NO	0.999	NO	bb
4	4 171224M1_6	Standard	5.000	4.26	1234.170	12745.062	1.210	5.6	11.4	NO	0.999	NO	bb
5	5 171224M1_7	Standard	10.000	4.26	2455.177	13681.153	2.243	10.3	2.5	NO	0.999	NO	bb
6	6 171224M1_8	Standard	50.000	4.26	11758.877	13369.306	10.994	49.2	-1.7	NO	0.999	NO	bb
7	7 171224M1_9	Standard	100.000	4.26	22840.539	13085.330	21.819	95.5	-4.5	NO	0.999	NO	bb
8	8 171224M1_10	Standard	250.000	4.27	60678.039	12072.262	62.828	256.5	2.6	NO	0.999	NO	bb
9	9 171224M1_11	Standard	500.000	4.26	109903.172	10232.043	134.263	498.0	-0.4	NO	0.999	NO	bb

Compound name: L-PFOA

Correlation coefficient: $r = 0.996068$, $r^2 = 0.992151$

Calibration curve: $1.13485 * x + -0.068056$

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 171224M1_3	Standard	0.500	4.32	1758.638	34001.406	0.647	0.6	25.9	NO	0.992	NO	MM
2	2 171224M1_4	Standard	1.000	4.32	1286.938	14890.310	1.080	1.0	1.2	NO	0.992	NO	bb
3	3 171224M1_5	Standard	2.000	4.32	2661.580	14425.752	2.306	2.1	4.6	NO	0.992	NO	bb
4	4 171224M1_6	Standard	5.000	4.32	5596.477	12745.062	5.489	4.9	-2.1	NO	0.992	NO	bb
5	5 171224M1_7	Standard	10.000	4.32	11468.740	13681.153	10.479	9.3	-7.1	NO	0.992	NO	bb
6	6 171224M1_8	Standard	50.000	4.32	51806.422	13369.306	48.438	42.7	-14.5	NO	0.992	NO	bb
7	7 171224M1_9	Standard	100.000	4.32	111947.859	13085.330	106.940	94.3	-5.7	NO	0.992	NO	bb
8	8 171224M1_10	Standard	250.000	4.32	246050.688	12072.262	254.769	224.6	-10.2	NO	0.992	NO	bb
9	9 171224M1_11	Standard	500.000	4.32	500636.250	10232.043	611.603	539.0	7.8	NO	0.992	NO	bb

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Compound name: PFHpS

Coefficient of Determination: R² = 0.999306
 Calibration curve: $9.14308e-006 * x^2 + 0.25284 * x + -0.0204317$
 Response type: Internal Std (Ref 38), 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 171224M1_3	Standard	0.500	4.43	338.241	34001.406	0.124	0.6	14.5	NO	0.999	NO	bb
2	2 171224M1_4	Standard	1.000	4.43	287.283	14890.310	0.241	1.0	3.5	NO	0.999	NO	bb
3	3 171224M1_5	Standard	2.000	4.42	481.858	14425.752	0.418	1.7	-13.4	NO	0.999	NO	bb
4	4 171224M1_6	Standard	5.000	4.42	1135.204	12745.062	1.113	4.5	-10.3	NO	0.999	NO	bb
5	5 171224M1_7	Standard	10.000	4.42	2722.473	13681.153	2.487	9.9	-0.8	NO	0.999	NO	bb
6	6 171224M1_8	Standard	50.000	4.42	14605.086	13369.306	13.655	54.0	8.0	NO	0.999	NO	bb
7	7 171224M1_9	Standard	100.000	4.42	26754.881	13085.330	25.558	100.8	0.8	NO	0.999	NO	bb
8	8 171224M1_10	Standard	250.000	4.43	59876.258	12072.262	61.998	243.1	-2.7	NO	0.999	NO	bb
9	9 171224M1_11	Standard	500.000	4.42	105944.383	10232.043	129.427	502.8	0.6	NO	0.999	NO	bb

Compound name: PFNA

Coefficient of Determination: R² = 0.991312
 Calibration curve: $-5.39384e-005 * x^2 + 1.48033 * x + -0.0881933$
 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 171224M1_3	Standard	0.500	4.75	1643.007	29677.770	0.692	0.5	5.4	NO	0.991	NO	bb
2	2 171224M1_4	Standard	1.000	4.75	1551.673	13399.244	1.448	1.0	3.7	NO	0.991	NO	bb
3	3 171224M1_5	Standard	2.000	4.75	2403.163	10867.964	2.764	1.9	-3.7	NO	0.991	NO	bb
4	4 171224M1_6	Standard	5.000	4.75	5697.819	10646.092	6.690	4.6	-8.4	NO	0.991	NO	bb
5	5 171224M1_7	Standard	10.000	4.75	14362.721	10571.037	16.984	11.5	15.4	NO	0.991	NO	bb
6	6 171224M1_8	Standard	50.000	4.75	59735.074	10580.686	70.571	47.8	-4.4	NO	0.991	NO	bb
7	7 171224M1_9	Standard	100.000	4.75	114254.500	11835.854	120.666	81.8	-18.2	NO	0.991	NO	bb
8	8 171224M1_10	Standard	250.000	4.75	296026.500	8981.209	412.008	281.3	12.5	NO	0.991	NO	bb
9	9 171224M1_11	Standard	500.000	4.75	495849.063	8735.493	709.532	488.0	-2.4	NO	0.991	NO	bb

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Compound name: PFOSA

Correlation coefficient: $r = 0.997209$, $r^2 = 0.994426$

Calibration curve: $0.925471 * x + 0.232387$

Response type: Internal Std (Ref 40), 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 171224M1_3	Standard	0.500	4.80	411.145	9218.410	0.558	0.4	-29.7	NO	0.994	NO	MM
2	2 171224M1_4	Standard	1.000	4.80	444.911	3903.470	1.425	1.3	28.8	NO	0.994	NO	MM
3	3 171224M1_5	Standard	2.000	4.80	771.403	4972.877	1.939	1.8	-7.8	NO	0.994	NO	MM
4	4 171224M1_6	Standard	5.000	4.80	1652.604	4101.686	5.036	5.2	3.8	NO	0.994	NO	bb
5	5 171224M1_7	Standard	10.000	4.80	3718.666	4888.771	9.508	10.0	0.2	NO	0.994	NO	MM
6	6 171224M1_8	Standard	50.000	4.80	17474.709	4283.288	50.997	54.9	9.7	NO	0.994	NO	bb
7	7 171224M1_9	Standard	100.000	4.80	32330.713	4586.906	88.106	95.0	-5.0	NO	0.994	NO	bb
8	8 171224M1_10	Standard	250.000	4.80	84048.375	3497.316	300.403	324.3	29.7	NO	0.994	NO	bbX
9	9 171224M1_11	Standard	500.000	4.80	156734.344	3322.905	589.598	636.8	27.4	NO	0.994	NO	bbX

Compound name: L-PFOS

Coefficient of Determination: $R^2 = 0.998922$

Calibration curve: $0.000179303 * x^2 + 1.12135 * x + -0.0439045$

Response type: Internal Std (Ref 41), 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 171224M1_3	Standard	0.500	4.83	383.307	8583.573	0.558	0.5	7.4	NO	0.999	NO	MM
2	2 171224M1_4	Standard	1.000	4.83	331.316	3747.344	1.105	1.0	2.5	NO	0.999	NO	MM
3	3 171224M1_5	Standard	2.000	4.83	541.767	3628.200	1.867	1.7	-14.8	NO	0.999	NO	MM
4	4 171224M1_6	Standard	5.000	4.83	1318.763	3055.646	5.395	4.8	-3.1	NO	0.999	NO	MM
5	5 171224M1_7	Standard	10.000	4.83	3539.549	3731.959	11.856	10.6	5.9	NO	0.999	NO	MM
6	6 171224M1_8	Standard	50.000	4.83	15937.878	3985.493	49.987	44.3	-11.4	NO	0.999	NO	MM
7	7 171224M1_9	Standard	100.000	4.83	31745.061	3298.549	120.299	105.5	5.5	NO	0.999	NO	MM
8	8 171224M1_10	Standard	250.000	4.83	76718.594	3278.973	292.464	250.8	0.3	NO	0.999	NO	MM
9	9 171224M1_11	Standard	500.000	4.83	133373.094	2758.709	604.327	499.1	-0.2	NO	0.999	NO	MM

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Compound name: PFDA

Coefficient of Determination: R^2 = 0.999156
 Calibration curve: $-6.56116e-005 * x^2 + 1.35938 * x + -0.0151289$
 Response type: Internal Std (Ref 42), 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	171224M1_3	Standard	0.500	5.11	1633.076	30599.391	0.667	0.5	0.4	NO	0.999	NO	bb
2	171224M1_4	Standard	1.000	5.11	1490.508	14143.654	1.317	1.0	-2.0	NO	0.999	NO	bb
3	171224M1_5	Standard	2.000	5.11	2509.347	12071.148	2.598	1.9	-3.9	NO	0.999	NO	bb
4	171224M1_6	Standard	5.000	5.11	6441.016	11650.155	6.911	5.1	1.9	NO	0.999	NO	bb
5	171224M1_7	Standard	10.000	5.11	13021.145	11784.131	13.812	10.2	1.8	NO	0.999	NO	bb
6	171224M1_8	Standard	50.000	5.11	62553.832	11710.883	66.769	49.2	-1.5	NO	0.999	NO	bb
7	171224M1_9	Standard	100.000	5.11	130122.094	11324.296	143.632	106.2	6.2	NO	0.999	NO	bb
8	171224M1_10	Standard	250.000	5.11	279955.781	10810.406	323.711	240.9	-3.6	NO	0.999	NO	bb
9	171224M1_11	Standard	500.000	5.11	508163.594	9513.261	667.704	503.4	0.7	NO	0.999	NO	bb

Compound name: 8:2 FTS

Coefficient of Determination: R^2 = 0.997132
 Calibration curve: $2.5566e-005 * x^2 + 0.254649 * x + 0.00699792$
 Response type: Internal Std (Ref 42), 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	171224M1_3	Standard	0.500	5.08	319.632	30599.391	0.131	0.5	-3.0	NO	0.997	NO	bb
2	171224M1_4	Standard	1.000	5.09	248.925	14143.654	0.220	0.8	-16.4	NO	0.997	NO	MM
3	171224M1_5	Standard	2.000	5.09	393.035	12071.148	0.407	1.6	-21.5	NO	0.997	NO	bb
4	171224M1_6	Standard	5.000	5.08	1418.463	11650.155	1.522	5.9	18.9	NO	0.997	NO	bb
5	171224M1_7	Standard	10.000	5.09	2966.592	11784.131	3.147	12.3	23.1	NO	0.997	NO	bb
6	171224M1_8	Standard	50.000	5.09	13695.685	11710.883	14.619	57.1	14.1	NO	0.997	NO	bb
7	171224M1_9	Standard	100.000	5.08	21130.652	11324.296	23.324	90.7	-9.3	NO	0.997	NO	bb
8	171224M1_10	Standard	250.000	5.09	55797.223	10810.406	64.518	247.2	-1.1	NO	0.997	NO	bb
9	171224M1_11	Standard	500.000	5.09	102273.430	9513.261	134.383	502.4	0.5	NO	0.997	NO	bb

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Compound name: N-MeFOSAA

Coefficient of Determination: R² = 0.997845

Calibration curve: $-0.00719827 * x^2 + 2.07991 * x + -0.13385$

Response type: Internal Std (Ref 44), 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	171224M1_3	Standard	0.500	5.26	813.590	11051.779	0.920	0.5	1.5	NO	0.998	NO	MM
2	171224M1_4	Standard	1.000	5.26	702.024	4789.903	1.832	0.9	-5.2	NO	0.998	NO	MM
3	171224M1_5	Standard	2.000	5.26	1434.485	4525.262	3.962	2.0	-0.8	NO	0.998	NO	bb
4	171224M1_6	Standard	5.000	5.26	3530.808	4478.956	9.854	4.9	-2.3	NO	0.998	NO	MM
5	171224M1_7	Standard	10.000	5.26	6791.656	4713.996	18.009	9.0	-10.0	NO	0.998	NO	bb
6	171224M1_8	Standard	50.000	5.26	32969.359	4577.077	90.039	53.1	6.2	NO	0.998	NO	bb
7	171224M1_9	Standard	100.000	5.26	54189.969	5055.245	133.994	97.2	-2.8	NO	0.998	NO	MM
8	171224M1_10	Standard	250.000	5.26	158917.531	3815.867	520.581			NO	0.998	NO	MMXI
9	171224M1_11	Standard	500.000	5.26	263873.375	3408.709	967.644			NO	0.998	NO	bbXI

Compound name: N-EtFOSAA

Coefficient of Determination: R² = 0.995681

Calibration curve: $-0.000577785 * x^2 + 1.30576 * x + -0.0738799$

Response type: Internal Std (Ref 45), 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	171224M1_3	Standard	0.500	5.41	543.804	11848.089	0.574	0.5	-0.8	NO	0.996	NO	bb
2	171224M1_4	Standard	1.000	5.42	471.289	5212.718	1.130	0.9	-7.8	NO	0.996	NO	bb
3	171224M1_5	Standard	2.000	5.42	1068.631	4949.941	2.699	2.1	6.3	NO	0.996	NO	bb
4	171224M1_6	Standard	5.000	5.42	2186.686	5578.999	4.899	3.8	-23.7	NO	0.996	NO	bb
5	171224M1_7	Standard	10.000	5.42	4738.685	4113.057	14.401	11.1	11.4	NO	0.996	NO	bb
6	171224M1_8	Standard	50.000	5.41	23381.393	4069.272	71.823	56.5	12.9	NO	0.996	NO	bb
7	171224M1_9	Standard	100.000	5.42	45754.715	5226.013	109.440	87.2	-12.8	NO	0.996	NO	bb
8	171224M1_10	Standard	250.000	5.41	102367.914	4261.628	300.261	259.9	4.0	NO	0.996	NO	bb
9	171224M1_11	Standard	500.000	5.41	160315.438	3963.539	505.594	496.2	-0.8	NO	0.996	NO	bb

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Compound name: PFUDa

Coefficient of Determination: R^2 = 0.996033

Calibration curve: $-8.75501e-005 * x^2 + 1.06032 * x + -0.00819795$

Response type: Internal Std (Ref 46), 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	171224M1_3	Standard	0.500	5.43	1079.787	31494.980	0.429	0.4	-17.6	NO	0.996	NO	bb
2	171224M1_4	Standard	1.000	5.43	1097.941	13333.449	1.029	1.0	-2.1	NO	0.996	NO	bb
3	171224M1_5	Standard	2.000	5.43	2359.038	13861.189	2.127	2.0	0.7	NO	0.996	NO	bb
4	171224M1_6	Standard	5.000	5.43	5024.140	12470.404	5.036	4.8	-4.8	NO	0.996	NO	bb
5	171224M1_7	Standard	10.000	5.43	13472.967	14338.153	11.746	11.1	11.0	NO	0.996	NO	bb
6	171224M1_8	Standard	50.000	5.43	61448.035	12069.227	63.641	60.3	20.7	NO	0.996	NO	bb
7	171224M1_9	Standard	100.000	5.43	102537.750	12552.313	102.110	97.1	-2.9	NO	0.996	NO	bb
8	171224M1_10	Standard	250.000	5.43	239206.281	12286.534	243.362	234.0	-6.4	NO	0.996	NO	bb
9	171224M1_11	Standard	500.000	5.43	461639.313	11185.572	515.887	507.8	1.6	NO	0.996	NO	bb

Compound name: PFDS

Coefficient of Determination: R^2 = 0.992031

Calibration curve: $-0.00015825 * x^2 + 0.31788 * x + -0.00152343$

Response type: Internal Std (Ref 46), 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	171224M1_3	Standard	0.500	5.48	389.305	31494.980	0.155	0.5	-1.8	NO	0.992	NO	MM
2	171224M1_4	Standard	1.000	5.48	393.417	13333.449	0.369	1.2	16.6	NO	0.992	NO	MM
3	171224M1_5	Standard	2.000	5.48	749.679	13861.189	0.676	2.1	6.7	NO	0.992	NO	MM
4	171224M1_6	Standard	5.000	5.47	1679.820	12470.404	1.684	5.3	6.3	NO	0.992	NO	bb
5	171224M1_7	Standard	10.000	5.47	3110.506	14338.153	2.712	8.6	-14.3	NO	0.992	NO	bb
6	171224M1_8	Standard	50.000	5.47	12720.233	12069.227	13.174	42.3	-15.3	NO	0.992	NO	bb
7	171224M1_9	Standard	100.000	5.47	27987.479	12552.313	27.871	91.9	-8.1	NO	0.992	NO	bb
8	171224M1_10	Standard	250.000	5.47	76659.320	12286.534	77.991	286.1	14.4	NO	0.992	NO	bb
9	171224M1_11	Standard	500.000	5.47	103690.898	11185.572	115.876	478.5	-4.3	NO	0.992	NO	bb

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Compound name: PFDoA

Coefficient of Determination: $R^2 = 0.996507$

Calibration curve: $-0.000671127 * x^2 + 2.10673 * x + 0.0095916$

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 171224M1_3	Standard	0.500	5.71	1509.744	17972.541	1.050	0.5	-1.2	NO	0.997	NO	bd
2	2 171224M1_4	Standard	1.000	5.70	1288.532	8305.517	1.939	0.9	-8.4	NO	0.997	NO	MM
3	3 171224M1_5	Standard	2.000	5.71	2518.724	8158.581	3.859	1.8	-8.6	NO	0.997	NO	MM
4	4 171224M1_6	Standard	5.000	5.70	5853.163	6401.049	11.430	5.4	8.6	NO	0.997	NO	bb
5	5 171224M1_7	Standard	10.000	5.70	13085.739	6738.084	24.276	11.6	15.6	NO	0.997	NO	bb
6	6 171224M1_8	Standard	50.000	5.70	53436.801	7473.654	89.375	43.0	-14.0	NO	0.997	NO	MM
7	7 171224M1_9	Standard	100.000	5.70	114680.125	6361.931	225.325	110.9	10.9	NO	0.997	NO	bb
8	8 171224M1_10	Standard	250.000	5.70	287311.188	7654.026	469.216	241.3	-3.5	NO	0.997	NO	bb
9	9 171224M1_11	Standard	500.000	5.70	477980.594	6709.856	890.445	503.4	0.7	NO	0.997	NO	bb

Compound name: N-MeFOSA

Correlation coefficient: $r = 0.998804$, $r^2 = 0.997610$

Calibration curve: $1.0243 * x + 0.690193$

Response type: Internal Std (Ref 48), 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 171224M1_3	Standard	2.500	5.76	903.334	45190.828	2.998	2.3	-9.9	NO	0.998	NO	bb
2	2 171224M1_4	Standard	5.000	5.77	795.924	20824.051	5.733	4.9	-1.5	NO	0.998	NO	bb
3	3 171224M1_5	Standard	10.000	5.76	1502.999	20700.303	10.891	10.0	-0.4	NO	0.998	NO	bb
4	4 171224M1_6	Standard	25.000	5.76	3664.403	19572.281	28.084	26.7	7.0	NO	0.998	NO	bb
5	5 171224M1_7	Standard	50.000	5.76	8101.228	19779.932	61.435	59.3	18.6	NO	0.998	NO	bb
6	6 171224M1_8	Standard	250.000	5.76	36921.758	19994.699	276.987	269.7	7.9	NO	0.998	NO	bb
7	7 171224M1_9	Standard	500.000	5.76	73155.117	20162.396	544.244	530.7	6.1	NO	0.998	NO	bb
8	8 171224M1_10	Standard	1250.000	5.76	166383.516	18881.295	1321.812	1289.8	3.2	NO	0.998	NO	bb
9	9 171224M1_11	Standard	2500.000	5.77	303617.094	18527.340	2458.128	2399.1	-4.0	NO	0.998	NO	bb

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Compound name: PFTrDA

Correlation coefficient: $r = 0.997548$, $r^2 = 0.995103$

Calibration curve: $2.41244 * x + 0.359662$

Response type: Internal Std (Ref 49), 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 171224M1_3	Standard	0.500	5.95	1698.514	16242.069	1.307	0.4	-21.4	NO	0.995	NO	MM
2	2 171224M1_4	Standard	1.000	5.95	1598.873	7968.185	2.508	0.9	-10.9	NO	0.995	NO	MM
3	3 171224M1_5	Standard	2.000	5.95	2660.159	6998.692	4.751	1.8	-9.0	NO	0.995	NO	MM
4	4 171224M1_6	Standard	5.000	5.94	7398.329	5846.743	15.817	6.4	28.1	NO	0.995	NO	MM
5	5 171224M1_7	Standard	10.000	5.94	16150.463	7142.618	28.264	11.6	15.7	NO	0.995	NO	MM
6	6 171224M1_8	Standard	50.000	5.94	49280.840	5078.948	121.287	50.1	0.3	NO	0.995	NO	MM
7	7 171224M1_9	Standard	100.000	5.95	121531.242	6462.278	235.078	97.3	-2.7	NO	0.995	NO	bb
8	8 171224M1_10	Standard	250.000	5.95	295348.594	5379.588	686.271	284.3	13.7	NO	0.995	NO	bbX
9	9 171224M1_11	Standard	500.000	5.95	517097.156	5364.510	1204.903	499.3	-0.1	NO	0.995	NO	bbX

Compound name: PFTeDA

Coefficient of Determination: $R^2 = 0.995370$

Calibration curve: $-0.000738038 * x^2 + 1.86465 * x + 0.00606828$

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 171224M1_3	Standard	0.500	6.16	1062.445	16242.069	0.818	0.4	-12.9	NO	0.995	NO	bb
2	2 171224M1_4	Standard	1.000	6.16	1048.734	7968.185	1.645	0.9	-12.1	NO	0.995	NO	MM
3	3 171224M1_5	Standard	2.000	6.16	1948.355	6998.692	3.480	1.9	-6.8	NO	0.995	NO	MM
4	4 171224M1_6	Standard	5.000	6.16	4862.605	5846.743	10.396	5.6	11.7	NO	0.995	NO	bb
5	5 171224M1_7	Standard	10.000	6.16	12367.228	7142.618	21.643	11.7	16.6	NO	0.995	NO	bb
6	6 171224M1_8	Standard	50.000	6.16	42821.465	5078.948	105.390	57.8	15.7	NO	0.995	NO	bb
7	7 171224M1_9	Standard	100.000	6.16	80542.094	6462.278	155.793	86.5	-13.5	NO	0.995	NO	bb
8	8 171224M1_10	Standard	250.000	6.16	182976.125	5379.588	425.163	253.4	1.4	NO	0.995	NO	db
9	9 171224M1_11	Standard	500.000	6.16	321205.750	5364.510	748.451	500.6	0.1	NO	0.995	NO	db

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Compound name: N-EtFOSA

Coefficient of Determination: R² = 0.999744

Calibration curve: $-3.51418e-005 * x^2 + 0.970092 * x + -0.171197$

Response type: Internal Std (Ref 50), 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 171224M1_3	Standard	2.500	6.15	1136.105	67842.914	2.512	2.8	10.6	NO	1.000	NO	bb
2	2 171224M1_4	Standard	5.000	6.15	939.302	31646.094	4.452	4.8	-4.7	NO	1.000	NO	bb
3	3 171224M1_5	Standard	10.000	6.15	1956.441	32830.766	8.939	9.4	-6.1	NO	1.000	NO	bb
4	4 171224M1_6	Standard	25.000	6.15	4817.352	30334.521	23.821	24.8	-1.0	NO	1.000	NO	bb
5	5 171224M1_7	Standard	50.000	6.15	10366.939	31023.332	50.125	51.9	3.9	NO	1.000	NO	bb
6	6 171224M1_8	Standard	250.000	6.15	45749.270	29292.637	234.270	243.8	-2.5	NO	1.000	NO	bb
7	7 171224M1_9	Standard	500.000	6.15	88441.453	28431.283	466.606	489.9	-2.0	NO	1.000	NO	bb
8	8 171224M1_10	Standard	1250.000	6.15	201066.641	25533.473	1181.194	1276.8	2.1	NO	1.000	NO	bb
9	9 171224M1_11	Standard	2500.000	6.15	334414.438	22842.049	2196.045	2488.2	-0.5	NO	1.000	NO	bb

Compound name: PFHxDA

Coefficient of Determination: R² = 0.997934

Calibration curve: $-0.000413371 * x^2 + 0.603676 * x + 0.10836$

Response type: Internal Std (Ref 51), 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 171224M1_3	Standard	0.500	6.48	605.291	9134.064	0.331	0.4	-26.1	NO	0.998	NO	bb
2	2 171224M1_4	Standard	1.000	6.48	591.565	4698.475	0.630	0.9	-13.6	NO	0.998	NO	bb
3	3 171224M1_5	Standard	2.000	6.48	1261.988	4319.116	1.461	2.2	12.2	NO	0.998	NO	bb
4	4 171224M1_6	Standard	5.000	6.48	2301.113	3082.656	3.732	6.0	20.6	NO	0.998	NO	bb
5	5 171224M1_7	Standard	10.000	6.48	5119.760	3865.164	6.623	10.9	8.7	NO	0.998	NO	bb
6	6 171224M1_8	Standard	50.000	6.48	21833.838	3631.574	30.061	51.4	2.9	NO	0.998	NO	bb
7	7 171224M1_9	Standard	100.000	6.48	38952.609	3643.153	53.460	94.5	-5.5	NO	0.998	NO	bb
8	8 171224M1_10	Standard	250.000	6.48	98946.680	3921.781	126.150	252.4	1.0	NO	0.998	NO	bb
9	9 171224M1_11	Standard	500.000	6.48	174572.359	3471.386	251.445			NO	0.998	NO	bbXI

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Compound name: PFODA

Coefficient of Determination: R² = 0.999739

Calibration curve: $-9.55471e-005 * x^2 + 0.71766 * x + 0.0397523$

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	1 171224M1_3	Standard	0.500	6.70	746.946	9134.064	0.409	0.5	2.9	NO	1.000	NO	MM
2	2 171224M1_4	Standard	1.000	6.70	646.245	4698.475	0.688	0.9	-9.7	NO	1.000	NO	MM
3	3 171224M1_5	Standard	2.000	6.70	1282.951	4319.116	1.485	2.0	0.7	NO	1.000	NO	MM
4	4 171224M1_6	Standard	5.000	6.70	2581.897	3082.656	4.188	5.8	15.7	NO	1.000	NO	MM
5	5 171224M1_7	Standard	10.000	6.70	5722.745	3865.164	7.403	10.3	2.7	NO	1.000	NO	bb
6	6 171224M1_8	Standard	50.000	6.70	25431.285	3631.574	35.014	49.1	-1.9	NO	1.000	NO	bb
7	7 171224M1_9	Standard	100.000	6.70	52386.961	3643.153	71.898	101.5	1.5	NO	1.000	NO	bb
8	8 171224M1_10	Standard	250.000	6.70	134605.219	3921.781	171.612	247.2	-1.1	NO	1.000	NO	bb
9	9 171224M1_11	Standard	500.000	6.70	233114.891	3471.386	335.766	501.3	0.3	NO	1.000	NO	bb

Compound name: N-MeFOSE

Correlation coefficient: r = 0.995709, r² = 0.991436

Calibration curve: $1.06085 * x + 0.164172$

Response type: Internal Std (Ref 52), 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 171224M1_3	Standard	2.500	6.30	1090.997	64156.219	2.551	2.2	-10.0	NO	0.991	NO	MM
2	2 171224M1_4	Standard	5.000	6.30	1077.742	30075.984	5.375	4.9	-1.8	NO	0.991	NO	bb
3	3 171224M1_5	Standard	10.000	6.30	2011.649	32529.256	9.276	8.6	-14.1	NO	0.991	NO	bb
4	4 171224M1_6	Standard	25.000	6.30	4283.421	25252.615	25.443	23.8	-4.7	NO	0.991	NO	MM
5	5 171224M1_7	Standard	50.000	6.30	10895.774	26145.916	62.509	58.8	17.5	NO	0.991	NO	bb
6	6 171224M1_8	Standard	250.000	6.30	50510.262	22409.318	338.098	318.5	27.4	NO	0.991	NO	bb
7	7 171224M1_9	Standard	500.000	6.30	90697.313	27940.629	486.911	458.8	-8.2	NO	0.991	NO	bb
8	8 171224M1_10	Standard	1250.000	6.30	216538.125	27111.525	1198.041	1129.2	-9.7	NO	0.991	NO	bb
9	9 171224M1_11	Standard	2500.000	6.30	474997.219	25953.896	2745.237	2587.6	3.5	NO	0.991	NO	bb

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Compound name: N-EtFOSE

Correlation coefficient: $r = 0.999073$, $r^2 = 0.998147$

Calibration curve: $1.10522 * x + 0.402241$

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	171224M1_3	Standard	2.500	6.45	1232.945	67081.430	2.757	2.1	-14.8	NO	0.998	NO	bb
2	171224M1_4	Standard	5.000	6.45	1113.520	31812.957	5.250	4.4	-12.3	NO	0.998	NO	bb
3	171224M1_5	Standard	10.000	6.45	2357.458	32839.391	10.768	9.4	-6.2	NO	0.998	NO	bb
4	171224M1_6	Standard	25.000	6.45	4933.305	25169.922	29.400	26.2	4.9	NO	0.998	NO	bb
5	171224M1_7	Standard	50.000	6.45	12108.902	27656.947	65.674	59.1	18.1	NO	0.998	NO	bb
6	171224M1_8	Standard	250.000	6.45	51714.961	27157.924	285.635	258.1	3.2	NO	0.998	NO	bb
7	171224M1_9	Standard	500.000	6.45	102541.789	25425.381	604.957	547.0	9.4	NO	0.998	NO	bb
8	171224M1_10	Standard	1250.000	6.45	235066.594	25457.572	1385.049	1252.8	0.2	NO	0.998	NO	bb
9	171224M1_11	Standard	2500.000	6.45	479944.281	26764.193	2689.849	2433.4	-2.7	NO	0.998	NO	bb

Compound name: 13C3-PFBA

Response Factor: 0.894697

RRF SD: 0.0240428, Relative SD: 2.68726

Response type: Internal Std (Ref 54), 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	171224M1_3	Standard	12.500	1.47	23709.014	26451.861	11.204	12.5	0.2	NO		NO	bb
2	171224M1_4	Standard	12.500	1.47	10489.774	11437.441	11.464	12.8	2.5	NO		NO	bb
3	171224M1_5	Standard	12.500	1.47	10537.619	11706.751	11.252	12.6	0.6	NO		NO	bb
4	171224M1_6	Standard	12.500	1.47	9287.774	9944.285	11.675	13.0	4.4	NO		NO	bb
5	171224M1_7	Standard	12.500	1.47	10064.961	11486.176	10.953	12.2	-2.1	NO		NO	bb
6	171224M1_8	Standard	12.500	1.47	9653.088	11211.347	10.763	12.0	-3.8	NO		NO	bb
7	171224M1_9	Standard	12.500	1.47	9944.933	10894.851	11.410	12.8	2.0	NO		NO	bb
8	171224M1_10	Standard	12.500	1.47	9529.157	10759.889	11.070	12.4	-1.0	NO		NO	bb
9	171224M1_11	Standard	12.500	1.47	9209.453	10597.749	10.863	12.1	-2.9	NO		NO	bb

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Compound name: 13C3-PFPeA

Response Factor: 0.867337

RRF SD: 0.0514819, Relative SD: 5.93563

Response type: Internal Std (Ref 55), 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 171224M1_3	Standard	12.500	2.44	31695.000	38800.668	10.211	11.8	-5.8	NO		NO	bb
2	2 171224M1_4	Standard	12.500	2.44	13627.499	15535.806	10.965	12.6	1.1	NO		NO	bb
3	3 171224M1_5	Standard	12.500	2.44	13542.714	14224.953	11.900	13.7	9.8	NO		NO	bb
4	4 171224M1_6	Standard	12.500	2.44	12055.214	12992.118	11.599	13.4	7.0	NO		NO	bb
5	5 171224M1_7	Standard	12.500	2.44	13787.864	15126.663	11.394	13.1	5.1	NO		NO	bb
6	6 171224M1_8	Standard	12.500	2.44	12340.145	14895.888	10.355	11.9	-4.5	NO		NO	bb
7	7 171224M1_9	Standard	12.500	2.44	12482.205	14872.417	10.491	12.1	-3.2	NO		NO	bb
8	8 171224M1_10	Standard	12.500	2.44	11370.422	13889.345	10.233	11.8	-5.6	NO		NO	bb
9	9 171224M1_11	Standard	12.500	2.44	10812.905	12961.691	10.428	12.0	-3.8	NO		NO	bb

Compound name: 13C3-PFBS

Response Factor: 0.108582

RRF SD: 0.00951712, Relative SD: 8.76491

Response type: Internal Std (Ref 55), 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 171224M1_3	Standard	12.500	2.71	3705.145	38800.668	1.194	11.0	-12.1	NO		NO	bb
2	2 171224M1_4	Standard	12.500	2.71	1710.339	15535.806	1.376	12.7	1.4	NO		NO	bb
3	3 171224M1_5	Standard	12.500	2.70	1633.196	14224.953	1.435	13.2	5.7	NO		NO	bb
4	4 171224M1_6	Standard	12.500	2.71	1671.138	12992.118	1.608	14.8	18.5	NO		NO	bb
5	5 171224M1_7	Standard	12.500	2.71	1653.483	15126.663	1.366	12.6	0.7	NO		NO	bb
6	6 171224M1_8	Standard	12.500	2.70	1557.788	14895.888	1.307	12.0	-3.7	NO		NO	bb
7	7 171224M1_9	Standard	12.500	2.71	1629.394	14872.417	1.369	12.6	0.9	NO		NO	bb
8	8 171224M1_10	Standard	12.500	2.70	1461.446	13889.345	1.315	12.1	-3.1	NO		NO	bb
9	9 171224M1_11	Standard	12.500	2.70	1290.356	12961.691	1.244	11.5	-8.3	NO		NO	bb

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Compound name: 13C2-PFHxA

Response Factor: 0.777294

RRF SD: 0.0429902, Relative SD: 5.53075

Response type: Internal Std (Ref 55), 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 171224M1_3	Standard	5.000	3.20	10843.652	38800.668	3.493	4.5	-10.1	NO		NO	bb
2	2 171224M1_4	Standard	5.000	3.20	5035.146	15535.806	4.051	5.2	4.2	NO		NO	bb
3	3 171224M1_5	Standard	5.000	3.20	4331.717	14224.953	3.806	4.9	-2.1	NO		NO	bb
4	4 171224M1_6	Standard	5.000	3.20	4350.599	12992.118	4.186	5.4	7.7	NO		NO	bb
5	5 171224M1_7	Standard	5.000	3.20	4604.419	15126.663	3.805	4.9	-2.1	NO		NO	bb
6	6 171224M1_8	Standard	5.000	3.20	4385.108	14895.888	3.680	4.7	-5.3	NO		NO	bb
7	7 171224M1_9	Standard	5.000	3.20	4723.769	14872.417	3.970	5.1	2.2	NO		NO	bb
8	8 171224M1_10	Standard	5.000	3.20	4525.882	13889.345	4.073	5.2	4.8	NO		NO	bb
9	9 171224M1_11	Standard	5.000	3.20	4057.806	12961.691	3.913	5.0	0.7	NO		NO	bb

Compound name: 13C4-PFHpA

Response Factor: 0.59981

RRF SD: 0.0569238, Relative SD: 9.4903

Response type: Internal Std (Ref 55), 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 171224M1_3	Standard	12.500	3.81	20304.072	38800.668	6.541	10.9	-12.8	NO		NO	MM
2	2 171224M1_4	Standard	12.500	3.81	9581.803	15535.806	7.709	12.9	2.8	NO		NO	bb
3	3 171224M1_5	Standard	12.500	3.81	9512.941	14224.953	8.359	13.9	11.5	NO		NO	bb
4	4 171224M1_6	Standard	12.500	3.81	8204.773	12992.118	7.894	13.2	5.3	NO		NO	bb
5	5 171224M1_7	Standard	12.500	3.81	10393.195	15126.663	8.588	14.3	14.5	NO		NO	bb
6	6 171224M1_8	Standard	12.500	3.81	9062.967	14895.888	7.605	12.7	1.4	NO		NO	bb
7	7 171224M1_9	Standard	12.500	3.81	8294.617	14872.417	6.971	11.6	-7.0	NO		NO	bb
8	8 171224M1_10	Standard	12.500	3.81	7595.547	13889.345	6.836	11.4	-8.8	NO		NO	bb
9	9 171224M1_11	Standard	12.500	3.81	7231.245	12961.691	6.974	11.6	-7.0	NO		NO	bb

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Compound name: 18O2-PFHxS

Response Factor: 0.444432

RRF SD: 0.0373197, Relative SD: 8.39715

Response type: Internal Std (Ref 56), 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 171224M1_3	Standard	12.500	3.95	3601.725	7107.785	6.334	14.3	14.0	NO		NO	bb
2	2 171224M1_4	Standard	12.500	3.95	1323.878	2883.055	5.740	12.9	3.3	NO		NO	bb
3	3 171224M1_5	Standard	12.500	3.95	1279.499	2841.585	5.628	12.7	1.3	NO		NO	bb
4	4 171224M1_6	Standard	12.500	3.95	1174.813	2710.366	5.418	12.2	-2.5	NO		NO	bb
5	5 171224M1_7	Standard	12.500	3.95	1291.184	3318.858	4.863	10.9	-12.5	NO		NO	bb
6	6 171224M1_8	Standard	12.500	3.95	1277.727	2969.490	5.379	12.1	-3.2	NO		NO	bb
7	7 171224M1_9	Standard	12.500	3.95	1444.815	3118.422	5.791	13.0	4.2	NO		NO	bb
8	8 171224M1_10	Standard	12.500	3.95	1327.052	2806.969	5.910	13.3	6.4	NO		NO	bb
9	9 171224M1_11	Standard	12.500	3.95	1108.955	2808.728	4.935	11.1	-11.2	NO		NO	bb

Compound name: 13C2-6:2 FTS

Response Factor: 0.38497

RRF SD: 0.210048, Relative SD: 54.5623

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

Curve type: RF

Not used

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 171224M1_3	Standard	12.500	4.27	6763.798	26413.094	3.201	8.3	-33.5	NO		NO	bb
2	2 171224M1_4	Standard	12.500	4.27	3022.143	10982.722	3.440	8.9	-28.5	NO		NO	bb
3	3 171224M1_5	Standard	12.500	4.26	3065.051	11691.585	3.277	8.5	-31.9	NO		NO	bb
4	4 171224M1_6	Standard	12.500	4.26	2938.784	10643.440	3.451	9.0	-28.3	NO		NO	bb
5	5 171224M1_7	Standard	12.500	4.26	2959.863	10767.215	3.436	8.9	-28.6	NO		NO	bb
6	6 171224M1_8	Standard	12.500	4.27	3185.642	10836.369	3.675	9.5	-23.6	NO		NO	bb
7	7 171224M1_9	Standard	12.500	4.27	4250.743	10792.643	4.923	12.8	2.3	NO		NO	bb
8	8 171224M1_10	Standard	12.500	4.27	5578.834	10202.361	6.835	17.8	42.0	NO		NO	bb
9	9 171224M1_11	Standard	12.500	4.27	7841.488	8853.827	11.071	28.8	130.1	NO		NO	bb

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Compound name: 13C2-PFOA

Response Factor: 1.23668

RRF SD: 0.0606844, Relative SD: 4.90703

Response type: Internal Std (Ref 57), 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 171224M1_3	Standard	12.500	4.32	34001.406	26413.094	16.091	13.0	4.1	NO		NO	bb
2	2 171224M1_4	Standard	12.500	4.32	14890.310	10982.722	16.947	13.7	9.6	NO		NO	bb
3	3 171224M1_5	Standard	12.500	4.32	14425.752	11691.585	15.423	12.5	-0.2	NO		NO	bb
4	4 171224M1_6	Standard	12.500	4.32	12745.062	10643.440	14.968	12.1	-3.2	NO		NO	bb
5	5 171224M1_7	Standard	12.500	4.32	13681.153	10767.215	15.883	12.8	2.7	NO		NO	bb
6	6 171224M1_8	Standard	12.500	4.32	13369.306	10836.369	15.422	12.5	-0.2	NO		NO	bb
7	7 171224M1_9	Standard	12.500	4.32	13085.330	10792.643	15.155	12.3	-2.0	NO		NO	bb
8	8 171224M1_10	Standard	12.500	4.32	12072.262	10202.361	14.791	12.0	-4.3	NO		NO	bb
9	9 171224M1_11	Standard	12.500	4.32	10232.043	8853.827	14.446	11.7	-6.6	NO		NO	bb

Compound name: 13C5-PFNA

Response Factor: 0.911285

RRF SD: 0.0718381, Relative SD: 7.88316

Response type: Internal Std (Ref 58), 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 171224M1_3	Standard	12.500	4.75	29677.770	29507.516	12.572	13.8	10.4	NO		NO	bb
2	2 171224M1_4	Standard	12.500	4.75	13399.244	14195.976	11.798	12.9	3.6	NO		NO	bb
3	3 171224M1_5	Standard	12.500	4.75	10867.964	13059.568	10.402	11.4	-8.7	NO		NO	bb
4	4 171224M1_6	Standard	12.500	4.75	10646.092	10934.757	12.170	13.4	6.8	NO		NO	bb
5	5 171224M1_7	Standard	12.500	4.75	10571.037	12592.888	10.493	11.5	-7.9	NO		NO	bb
6	6 171224M1_8	Standard	12.500	4.75	10580.686	12206.837	10.835	11.9	-4.9	NO		NO	bb
7	7 171224M1_9	Standard	12.500	4.75	11835.854	12337.297	11.992	13.2	5.3	NO		NO	bb
8	8 171224M1_10	Standard	12.500	4.75	8981.209	10996.689	10.209	11.2	-10.4	NO		NO	bb
9	9 171224M1_11	Standard	12.500	4.75	8735.493	9063.306	12.048	13.2	5.8	NO		NO	bb

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Compound name: 13C8-PFOA

Response Factor: 0.400152

RRF SD: 0.0631717, Relative SD: 15.7869

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 171224M1_3	Standard	12.500	4.81	9218.410	26716.656	4.313	10.8	-13.8	NO		NO	bb
2	2 171224M1_4	Standard	12.500	4.81	3903.470	12593.369	3.875	9.7	-22.5	NO		NO	bb
3	3 171224M1_5	Standard	12.500	4.81	4972.877	10824.027	5.743	14.4	14.8	NO		NO	bb
4	4 171224M1_6	Standard	12.500	4.81	4101.686	9724.960	5.272	13.2	5.4	NO		NO	bb
5	5 171224M1_7	Standard	12.500	4.81	4888.771	10210.565	5.985	15.0	19.7	NO		NO	bb
6	6 171224M1_8	Standard	12.500	4.81	4283.288	11976.635	4.470	11.2	-10.6	NO		NO	bb
7	7 171224M1_9	Standard	12.500	4.81	4586.906	10706.407	5.355	13.4	7.1	NO		NO	bb
8	8 171224M1_10	Standard	12.500	4.81	3497.316	9016.957	4.848	12.1	-3.1	NO		NO	bbX
9	9 171224M1_11	Standard	12.500	4.81	3322.905	9638.235	4.310	10.8	-13.8	NO		NO	bbX

Compound name: 13C8-PFOS

Response Factor: 1.00893

RRF SD: 0.156683, Relative SD: 15.5296

Response type: Internal Std (Ref 59), 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 171224M1_3	Standard	12.500	4.83	8583.573	8104.169	13.239	13.1	5.0	NO		NO	bb
2	2 171224M1_4	Standard	12.500	4.83	3747.344	3735.470	12.540	12.4	-0.6	NO		NO	bb
3	3 171224M1_5	Standard	12.500	4.83	3628.200	3973.234	11.415	11.3	-9.5	NO		NO	bb
4	4 171224M1_6	Standard	12.500	4.83	3055.646	3253.069	11.741	11.6	-6.9	NO		NO	bb
5	5 171224M1_7	Standard	12.500	4.83	3731.959	3448.394	13.528	13.4	7.3	NO		NO	bb
6	6 171224M1_8	Standard	12.500	4.82	3985.493	2885.122	17.267	17.1	36.9	NO		NO	bb
7	7 171224M1_9	Standard	12.500	4.83	3298.549	3636.332	11.339	11.2	-10.1	NO		NO	bb
8	8 171224M1_10	Standard	12.500	4.83	3278.973	3591.406	11.413	11.3	-9.5	NO		NO	bb
9	9 171224M1_11	Standard	12.500	4.83	2758.709	3128.331	11.023	10.9	-12.6	NO		NO	bb

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Compound name: 13C2-PFDA

Response Factor: 1.19534

RRF SD: 0.0934335, Relative SD: 7.81648

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 171224M1_3	Standard	12.500	5.11	30599.391	24857.238	15.388	12.9	3.0	NO		NO	bb
2	2 171224M1_4	Standard	12.500	5.11	14143.654	11105.143	15.920	13.3	6.5	NO		NO	bb
3	3 171224M1_5	Standard	12.500	5.11	12071.148	11394.838	13.242	11.1	-11.4	NO		NO	bb
4	4 171224M1_6	Standard	12.500	5.11	11650.155	10883.651	13.380	11.2	-10.5	NO		NO	bb
5	5 171224M1_7	Standard	12.500	5.11	11784.131	9450.396	15.587	13.0	4.3	NO		NO	bb
6	6 171224M1_8	Standard	12.500	5.11	11710.883	10323.603	14.180	11.9	-5.1	NO		NO	bb
7	7 171224M1_9	Standard	12.500	5.11	11324.296	9572.553	14.787	12.4	-1.0	NO		NO	bb
8	8 171224M1_10	Standard	12.500	5.11	10810.406	8059.830	16.766	14.0	12.2	NO		NO	bb
9	9 171224M1_11	Standard	12.500	5.11	9513.261	7810.085	15.226	12.7	1.9	NO		NO	bb

Compound name: 13C2-8:2 FTS

Response Factor: 0.168277

RRF SD: 0.104049, Relative SD: 61.8317

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

Curve type: RF

Not used

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 171224M1_3	Standard	12.500	5.09	4072.555	38800.668	1.312	7.8	-37.6	NO		NO	bb
2	2 171224M1_4	Standard	12.500	5.09	2046.890	15535.806	1.647	9.8	-21.7	NO		NO	bb
3	3 171224M1_5	Standard	12.500	5.09	1534.327	14224.953	1.348	8.0	-35.9	NO		NO	bb
4	4 171224M1_6	Standard	12.500	5.09	1554.948	12992.118	1.496	8.9	-28.9	NO		NO	bb
5	5 171224M1_7	Standard	12.500	5.09	1579.665	15126.663	1.305	7.8	-37.9	NO		NO	bb
6	6 171224M1_8	Standard	12.500	5.09	1860.566	14895.888	1.561	9.3	-25.8	NO		NO	bb
7	7 171224M1_9	Standard	12.500	5.08	2181.874	14872.417	1.834	10.9	-12.8	NO		NO	bb
8	8 171224M1_10	Standard	12.500	5.08	3613.805	13889.345	3.252	19.3	54.6	NO		NO	bb
9	9 171224M1_11	Standard	12.500	5.08	5366.267	12961.691	5.175	30.8	146.0	NO		NO	bb

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Compound name: d3-N-MeFOSAA

Response Factor: 0.418392

RRF SD: 0.0411377, Relative SD: 9.83235

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 171224M1_3	Standard	12.500	5.26	11051.779	26716.656	5.171	12.4	-1.1	NO		NO	bb
2	2 171224M1_4	Standard	12.500	5.26	4789.903	12593.369	4.754	11.4	-9.1	NO		NO	bb
3	3 171224M1_5	Standard	12.500	5.26	4525.262	10824.027	5.226	12.5	-0.1	NO		NO	MM
4	4 171224M1_6	Standard	12.500	5.26	4478.956	9724.960	5.757	13.8	10.1	NO		NO	bb
5	5 171224M1_7	Standard	12.500	5.26	4713.996	10210.565	5.771	13.8	10.3	NO		NO	bb
6	6 171224M1_8	Standard	12.500	5.26	4577.077	11976.635	4.777	11.4	-8.7	NO		NO	MM
7	7 171224M1_9	Standard	12.500	5.26	5055.245	10706.407	5.902	14.1	12.9	NO		NO	bb
8	8 171224M1_10	Standard	12.500	5.26	3815.867	9016.957	5.290	12.6	1.1	NO		NO	bb
9	9 171224M1_11	Standard	12.500	5.26	3408.709	9638.235	4.421	10.6	-15.5	NO		NO	bb

Compound name: d5-N-EtFOSAA

Response Factor: 0.444772

RRF SD: 0.065472, Relative SD: 14.7203

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 171224M1_3	Standard	12.500	5.41	11848.089	26716.656	5.543	12.5	-0.3	NO		NO	bb
2	2 171224M1_4	Standard	12.500	5.41	5212.718	12593.369	5.174	11.6	-6.9	NO		NO	bb
3	3 171224M1_5	Standard	12.500	5.41	4949.941	10824.027	5.716	12.9	2.8	NO		NO	bb
4	4 171224M1_6	Standard	12.500	5.41	5578.999	9724.960	7.171	16.1	29.0	NO		NO	bb
5	5 171224M1_7	Standard	12.500	5.41	4113.057	10210.565	5.035	11.3	-9.4	NO		NO	bb
6	6 171224M1_8	Standard	12.500	5.41	4069.272	11976.635	4.247	9.5	-23.6	NO		NO	bb
7	7 171224M1_9	Standard	12.500	5.41	5226.013	10706.407	6.102	13.7	9.7	NO		NO	bb
8	8 171224M1_10	Standard	12.500	5.41	4261.628	9016.957	5.908	13.3	6.3	NO		NO	bb
9	9 171224M1_11	Standard	12.500	5.41	3963.539	9638.235	5.140	11.6	-7.5	NO		NO	bb

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Compound name: 13C2-PFUdA

Response Factor: 1.21201

RRF SD: 0.132197, Relative SD: 10.9073

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 171224M1_3	Standard	12.500	5.43	31494.980	26716.656	14.736	12.2	-2.7	NO		NO	bb
2	2 171224M1_4	Standard	12.500	5.43	13333.449	12593.369	13.235	10.9	-12.6	NO		NO	bb
3	3 171224M1_5	Standard	12.500	5.43	13861.189	10824.027	16.007	13.2	5.7	NO		NO	bb
4	4 171224M1_6	Standard	12.500	5.43	12470.404	9724.960	16.029	13.2	5.8	NO		NO	bb
5	5 171224M1_7	Standard	12.500	5.43	14338.153	10210.565	17.553	14.5	15.9	NO		NO	bb
6	6 171224M1_8	Standard	12.500	5.43	12069.227	11976.635	12.597	10.4	-16.9	NO		NO	bb
7	7 171224M1_9	Standard	12.500	5.43	12552.313	10706.407	14.655	12.1	-3.3	NO		NO	bb
8	8 171224M1_10	Standard	12.500	5.43	12286.534	9016.957	17.033	14.1	12.4	NO		NO	bb
9	9 171224M1_11	Standard	12.500	5.43	11185.572	9638.235	14.507	12.0	-4.2	NO		NO	bb

Compound name: 13C2-PFDoA

Response Factor: 0.685261

RRF SD: 0.0756673, Relative SD: 11.0421

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 171224M1_3	Standard	12.500	5.70	17972.541	26716.656	8.409	12.3	-1.8	NO		NO	bb
2	2 171224M1_4	Standard	12.500	5.70	8305.517	12593.369	8.244	12.0	-3.8	NO		NO	bb
3	3 171224M1_5	Standard	12.500	5.71	8158.581	10824.027	9.422	13.7	10.0	NO		NO	MM
4	4 171224M1_6	Standard	12.500	5.70	6401.049	9724.960	8.228	12.0	-3.9	NO		NO	bb
5	5 171224M1_7	Standard	12.500	5.70	6738.084	10210.565	8.249	12.0	-3.7	NO		NO	bb
6	6 171224M1_8	Standard	12.500	5.70	7473.654	11976.635	7.800	11.4	-8.9	NO		NO	bd
7	7 171224M1_9	Standard	12.500	5.70	6361.931	10706.407	7.428	10.8	-13.3	NO		NO	bb
8	8 171224M1_10	Standard	12.500	5.70	7654.026	9016.957	10.611	15.5	23.9	NO		NO	bb
9	9 171224M1_11	Standard	12.500	5.70	6709.856	9638.235	8.702	12.7	1.6	NO		NO	bb

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Compound name: d3-N-MeFOSA

Response Factor: 0.155335
 RRF SD: 0.0131206, Relative SD: 8.44662
 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 171224M1_3	Standard	150.000	5.79	45190.828	26716.656	21.144	136.1	-9.3	NO		NO	bb
2	2 171224M1_4	Standard	150.000	5.79	20824.051	12593.369	20.670	133.1	-11.3	NO		NO	bb
3	3 171224M1_5	Standard	150.000	5.79	20700.303	10824.027	23.906	153.9	2.6	NO		NO	bb
4	4 171224M1_6	Standard	150.000	5.79	19572.281	9724.960	25.157	162.0	8.0	NO		NO	bb
5	5 171224M1_7	Standard	150.000	5.79	19779.932	10210.565	24.215	155.9	3.9	NO		NO	bb
6	6 171224M1_8	Standard	150.000	5.79	19994.699	11976.635	20.868	134.3	-10.4	NO		NO	bb
7	7 171224M1_9	Standard	150.000	5.79	20162.396	10706.407	23.540	151.5	1.0	NO		NO	bb
8	8 171224M1_10	Standard	150.000	5.79	18881.295	9016.957	26.175	168.5	12.3	NO		NO	bb
9	9 171224M1_11	Standard	150.000	5.79	18527.340	9638.235	24.028	154.7	3.1	NO		NO	bb

Compound name: 13C2-PFTeDA

Response Factor: 0.596539
 RRF SD: 0.0757999, Relative SD: 12.7066
 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 171224M1_3	Standard	12.500	6.16	16242.069	26716.656	7.599	12.7	1.9	NO		NO	bb
2	2 171224M1_4	Standard	12.500	6.16	7968.185	12593.369	7.909	13.3	6.1	NO		NO	bb
3	3 171224M1_5	Standard	12.500	6.16	6998.692	10824.027	8.082	13.5	8.4	NO		NO	bb
4	4 171224M1_6	Standard	12.500	6.16	5846.743	9724.960	7.515	12.6	0.8	NO		NO	bb
5	5 171224M1_7	Standard	12.500	6.16	7142.618	10210.565	8.744	14.7	17.3	NO		NO	bb
6	6 171224M1_8	Standard	12.500	6.16	5078.948	11976.635	5.301	8.9	-28.9	NO		NO	MM
7	7 171224M1_9	Standard	12.500	6.16	6462.278	10706.407	7.545	12.6	1.2	NO		NO	bb
8	8 171224M1_10	Standard	12.500	6.16	5379.588	9016.957	7.458	12.5	0.0	NO		NO	bb
9	9 171224M1_11	Standard	12.500	6.16	5364.510	9638.235	6.957	11.7	-6.7	NO		NO	bb

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Compound name: d5-N-ETFOSA

Response Factor: 0.227278

RRF SD: 0.0237206, Relative SD: 10.4368

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 171224M1_3	Standard	150.000	6.17	67842.914	26716.656	31.742	139.7	-6.9	NO		NO	bb
2	2 171224M1_4	Standard	150.000	6.17	31646.094	12593.369	31.411	138.2	-7.9	NO		NO	bb
3	3 171224M1_5	Standard	150.000	6.17	32830.766	10824.027	37.914	166.8	11.2	NO		NO	bb
4	4 171224M1_6	Standard	150.000	6.16	30334.521	9724.960	38.991	171.6	14.4	NO		NO	bb
5	5 171224M1_7	Standard	150.000	6.17	31023.332	10210.565	37.979	167.1	11.4	NO		NO	bb
6	6 171224M1_8	Standard	150.000	6.17	29292.637	11976.635	30.573	134.5	-10.3	NO		NO	bb
7	7 171224M1_9	Standard	150.000	6.17	28431.283	10706.407	33.194	146.1	-2.6	NO		NO	bb
8	8 171224M1_10	Standard	150.000	6.17	25533.473	9016.957	35.396	155.7	3.8	NO		NO	bb
9	9 171224M1_11	Standard	150.000	6.17	22842.049	9638.235	29.624	130.3	-13.1	NO		NO	bb

Compound name: 13C2-PFHxDA

Response Factor: 0.902261

RRF SD: 0.102461, Relative SD: 11.356

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 171224M1_3	Standard	5.000	6.48	9134.064	26716.656	4.274	4.7	-5.3	NO		NO	bb
2	2 171224M1_4	Standard	5.000	6.48	4698.475	12593.369	4.664	5.2	3.4	NO		NO	bb
3	3 171224M1_5	Standard	5.000	6.48	4319.116	10824.027	4.988	5.5	10.6	NO		NO	db
4	4 171224M1_6	Standard	5.000	6.48	3082.656	9724.960	3.962	4.4	-12.2	NO		NO	bb
5	5 171224M1_7	Standard	5.000	6.48	3865.164	10210.565	4.732	5.2	4.9	NO		NO	bb
6	6 171224M1_8	Standard	5.000	6.48	3631.574	11976.635	3.790	4.2	-16.0	NO		NO	bd
7	7 171224M1_9	Standard	5.000	6.48	3643.153	10706.407	4.253	4.7	-5.7	NO		NO	bb
8	8 171224M1_10	Standard	5.000	6.48	3921.781	9016.957	5.437	6.0	20.5	NO		NO	bb
9	9 171224M1_11	Standard	5.000	6.48	3471.386	9638.235	4.502	5.0	-0.2	NO		NO	bb

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Compound name: d7-N-MeFOSE

Response Factor: 0.21419

RRF SD: 0.0286807, Relative SD: 13.3903

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 171224M1_3	Standard	150.000	6.29	64156.219	26716.656	30.017	140.1	-6.6	NO		NO	bb
2	2 171224M1_4	Standard	150.000	6.28	30075.984	12593.369	29.853	139.4	-7.1	NO		NO	bb
3	3 171224M1_5	Standard	150.000	6.29	32529.256	10824.027	37.566	175.4	16.9	NO		NO	bb
4	4 171224M1_6	Standard	150.000	6.29	25252.615	9724.960	32.459	151.5	1.0	NO		NO	bb
5	5 171224M1_7	Standard	150.000	6.29	26145.916	10210.565	32.008	149.4	-0.4	NO		NO	bb
6	6 171224M1_8	Standard	150.000	6.28	22409.318	11976.635	23.389	109.2	-27.2	NO		NO	bb
7	7 171224M1_9	Standard	150.000	6.29	27940.629	10706.407	32.621	152.3	1.5	NO		NO	bb
8	8 171224M1_10	Standard	150.000	6.29	27111.525	9016.957	37.584	175.5	17.0	NO		NO	bb
9	9 171224M1_11	Standard	150.000	6.29	25953.896	9638.235	33.660	157.2	4.8	NO		NO	bb

Compound name: d9-N-EtFOSE

Response Factor: 0.218614

RRF SD: 0.0197886, Relative SD: 9.05182

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 171224M1_3	Standard	150.000	6.44	67081.430	26716.656	31.386	143.6	-4.3	NO		NO	bb
2	2 171224M1_4	Standard	150.000	6.44	31812.957	12593.369	31.577	144.4	-3.7	NO		NO	bb
3	3 171224M1_5	Standard	150.000	6.44	32839.391	10824.027	37.924	173.5	15.7	NO		NO	bb
4	4 171224M1_6	Standard	150.000	6.44	25169.922	9724.960	32.352	148.0	-1.3	NO		NO	bb
5	5 171224M1_7	Standard	150.000	6.44	27656.947	10210.565	33.858	154.9	3.3	NO		NO	bb
6	6 171224M1_8	Standard	150.000	6.44	27157.924	11976.635	28.345	129.7	-13.6	NO		NO	bb
7	7 171224M1_9	Standard	150.000	6.44	25425.381	10706.407	29.685	135.8	-9.5	NO		NO	bb
8	8 171224M1_10	Standard	150.000	6.44	25457.572	9016.957	35.291	161.4	7.6	NO		NO	bb
9	9 171224M1_11	Standard	150.000	6.44	26764.193	9638.235	34.711	158.8	5.9	NO		NO	bb

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Compound name: 13C4-PFBA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 54), 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 171224M1_3	Standard	12.500	1.47	26451.861	26451.861	12.500	12.5	0.0	NO		NO	bb
2	2 171224M1_4	Standard	12.500	1.48	11437.441	11437.441	12.500	12.5	0.0	NO		NO	bb
3	3 171224M1_5	Standard	12.500	1.47	11706.751	11706.751	12.500	12.5	0.0	NO		NO	bb
4	4 171224M1_6	Standard	12.500	1.48	9944.285	9944.285	12.500	12.5	0.0	NO		NO	bb
5	5 171224M1_7	Standard	12.500	1.47	11486.176	11486.176	12.500	12.5	0.0	NO		NO	bb
6	6 171224M1_8	Standard	12.500	1.48	11211.347	11211.347	12.500	12.5	0.0	NO		NO	bb
7	7 171224M1_9	Standard	12.500	1.48	10894.851	10894.851	12.500	12.5	0.0	NO		NO	bb
8	8 171224M1_10	Standard	12.500	1.48	10759.889	10759.889	12.500	12.5	0.0	NO		NO	bb
9	9 171224M1_11	Standard	12.500	1.48	10597.749	10597.749	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C5-PFHxA

Response Factor: 1

RRF SD: 1.24127e-016, Relative SD: 1.24127e-014

Response type: Internal Std (Ref 55), 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 171224M1_3	Standard	12.500	3.20	38800.668	38800.668	12.500	12.5	0.0	NO		NO	bb
2	2 171224M1_4	Standard	12.500	3.20	15535.806	15535.806	12.500	12.5	0.0	NO		NO	bb
3	3 171224M1_5	Standard	12.500	3.20	14224.953	14224.953	12.500	12.5	0.0	NO		NO	bb
4	4 171224M1_6	Standard	12.500	3.20	12992.118	12992.118	12.500	12.5	0.0	NO		NO	bb
5	5 171224M1_7	Standard	12.500	3.20	15126.663	15126.663	12.500	12.5	0.0	NO		NO	bb
6	6 171224M1_8	Standard	12.500	3.20	14895.888	14895.888	12.500	12.5	0.0	NO		NO	bb
7	7 171224M1_9	Standard	12.500	3.20	14872.417	14872.417	12.500	12.5	0.0	NO		NO	bb
8	8 171224M1_10	Standard	12.500	3.20	13889.345	13889.345	12.500	12.5	0.0	NO		NO	bb
9	9 171224M1_11	Standard	12.500	3.20	12961.691	12961.691	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C3-PFHxS

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 56), 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 171224M1_3	Standard	12.500	3.95	7107.785	7107.785	12.500	12.5	0.0	NO		NO	bb
2	2 171224M1_4	Standard	12.500	3.95	2883.055	2883.055	12.500	12.5	0.0	NO		NO	bb
3	3 171224M1_5	Standard	12.500	3.95	2841.585	2841.585	12.500	12.5	0.0	NO		NO	bb
4	4 171224M1_6	Standard	12.500	3.95	2710.366	2710.366	12.500	12.5	0.0	NO		NO	bb
5	5 171224M1_7	Standard	12.500	3.95	3318.858	3318.858	12.500	12.5	0.0	NO		NO	bb
6	6 171224M1_8	Standard	12.500	3.95	2969.490	2969.490	12.500	12.5	0.0	NO		NO	bb
7	7 171224M1_9	Standard	12.500	3.95	3118.422	3118.422	12.500	12.5	0.0	NO		NO	bb
8	8 171224M1_10	Standard	12.500	3.95	2806.969	2806.969	12.500	12.5	0.0	NO		NO	bb
9	9 171224M1_11	Standard	12.500	3.95	2808.728	2808.728	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C8-PFOA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 57), 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 171224M1_3	Standard	12.500	4.32	26413.094	26413.094	12.500	12.5	0.0	NO		NO	bb
2	2 171224M1_4	Standard	12.500	4.32	10982.722	10982.722	12.500	12.5	0.0	NO		NO	bb
3	3 171224M1_5	Standard	12.500	4.32	11691.585	11691.585	12.500	12.5	0.0	NO		NO	bb
4	4 171224M1_6	Standard	12.500	4.32	10643.440	10643.440	12.500	12.5	0.0	NO		NO	bb
5	5 171224M1_7	Standard	12.500	4.32	10767.215	10767.215	12.500	12.5	0.0	NO		NO	bb
6	6 171224M1_8	Standard	12.500	4.32	10836.369	10836.369	12.500	12.5	0.0	NO		NO	bb
7	7 171224M1_9	Standard	12.500	4.32	10792.643	10792.643	12.500	12.5	0.0	NO		NO	bb
8	8 171224M1_10	Standard	12.500	4.32	10202.361	10202.361	12.500	12.5	0.0	NO		NO	bb
9	9 171224M1_11	Standard	12.500	4.32	8853.827	8853.827	12.500	12.5	0.0	NO		NO	bb

Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

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Compound name: 13C9-PFNA

Response Factor: 1
 RRF SD: 3.92523e-017, Relative SD: 3.92523e-015
 Response type: Internal Std (Ref 58), 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 171224M1_3	Standard	12.500	4.75	29507.516	29507.516	12.500	12.5	0.0	NO		NO	bb
2	2 171224M1_4	Standard	12.500	4.75	14195.976	14195.976	12.500	12.5	0.0	NO		NO	bb
3	3 171224M1_5	Standard	12.500	4.75	13059.568	13059.568	12.500	12.5	0.0	NO		NO	bb
4	4 171224M1_6	Standard	12.500	4.75	10934.757	10934.757	12.500	12.5	0.0	NO		NO	bb
5	5 171224M1_7	Standard	12.500	4.75	12592.888	12592.888	12.500	12.5	0.0	NO		NO	bb
6	6 171224M1_8	Standard	12.500	4.75	12206.837	12206.837	12.500	12.5	0.0	NO		NO	bb
7	7 171224M1_9	Standard	12.500	4.75	12337.297	12337.297	12.500	12.5	0.0	NO		NO	bb
8	8 171224M1_10	Standard	12.500	4.75	10996.689	10996.689	12.500	12.5	0.0	NO		NO	bb
9	9 171224M1_11	Standard	12.500	4.75	9063.306	9063.306	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C4-PFOS

Response Factor: 1
 RRF SD: 5.55112e-017, Relative SD: 5.55112e-015
 Response type: Internal Std (Ref 59), 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 171224M1_3	Standard	12.500	4.83	8104.169	8104.169	12.500	12.5	0.0	NO		NO	bb
2	2 171224M1_4	Standard	12.500	4.83	3735.470	3735.470	12.500	12.5	0.0	NO		NO	bb
3	3 171224M1_5	Standard	12.500	4.83	3973.234	3973.234	12.500	12.5	0.0	NO		NO	bb
4	4 171224M1_6	Standard	12.500	4.82	3253.069	3253.069	12.500	12.5	0.0	NO		NO	bb
5	5 171224M1_7	Standard	12.500	4.83	3448.394	3448.394	12.500	12.5	0.0	NO		NO	bb
6	6 171224M1_8	Standard	12.500	4.83	2885.122	2885.122	12.500	12.5	0.0	NO		NO	bb
7	7 171224M1_9	Standard	12.500	4.83	3636.332	3636.332	12.500	12.5	0.0	NO		NO	bb
8	8 171224M1_10	Standard	12.500	4.83	3591.406	3591.406	12.500	12.5	0.0	NO		NO	bb
9	9 171224M1_11	Standard	12.500	4.83	3128.331	3128.331	12.500	12.5	0.0	NO		NO	bb

Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

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Compound name: 13C6-PFDA

Response Factor: 1
 RRF SD: 1.11022e-016, Relative SD: 1.11022e-014
 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 171224M1_3	Standard	12.500	5.11	24857.238	24857.238	12.500	12.5	0.0	NO		NO	bb
2	2 171224M1_4	Standard	12.500	5.11	11105.143	11105.143	12.500	12.5	0.0	NO		NO	bb
3	3 171224M1_5	Standard	12.500	5.11	11394.838	11394.838	12.500	12.5	0.0	NO		NO	bb
4	4 171224M1_6	Standard	12.500	5.11	10883.651	10883.651	12.500	12.5	0.0	NO		NO	bb
5	5 171224M1_7	Standard	12.500	5.11	9450.396	9450.396	12.500	12.5	0.0	NO		NO	bb
6	6 171224M1_8	Standard	12.500	5.11	10323.603	10323.603	12.500	12.5	0.0	NO		NO	bb
7	7 171224M1_9	Standard	12.500	5.11	9572.553	9572.553	12.500	12.5	0.0	NO		NO	bb
8	8 171224M1_10	Standard	12.500	5.11	8059.830	8059.830	12.500	12.5	0.0	NO		NO	bb
9	9 171224M1_11	Standard	12.500	5.11	7810.085	7810.085	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C7-PFUdA

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	1 171224M1_3	Standard	12.500	5.43	26716.656	26716.656	12.500	12.5	0.0	NO		NO	bb
2	2 171224M1_4	Standard	12.500	5.43	12593.369	12593.369	12.500	12.5	0.0	NO		NO	bb
3	3 171224M1_5	Standard	12.500	5.43	10824.027	10824.027	12.500	12.5	0.0	NO		NO	bb
4	4 171224M1_6	Standard	12.500	5.43	9724.960	9724.960	12.500	12.5	0.0	NO		NO	bb
5	5 171224M1_7	Standard	12.500	5.43	10210.565	10210.565	12.500	12.5	0.0	NO		NO	bb
6	6 171224M1_8	Standard	12.500	5.43	11976.635	11976.635	12.500	12.5	0.0	NO		NO	bb
7	7 171224M1_9	Standard	12.500	5.43	10706.407	10706.407	12.500	12.5	0.0	NO		NO	bb
8	8 171224M1_10	Standard	12.500	5.43	9016.957	9016.957	12.500	12.5	0.0	NO		NO	bb
9	9 171224M1_11	Standard	12.500	5.43	9638.235	9638.235	12.500	12.5	0.0	NO		NO	bb

Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

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Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_122317.mdb 26 Dec 2017 10:08:34

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_12-24-17_NEWIS.cdb 26 Dec 2017 14:44:46

Name: 171224M1_3, Date: 24-Dec-2017, Time: 12:47:59, ID: ST171224M1-2 PFC CS-1 17L1203, Description: PFC CS-1 17L1203

#	Name	Trace	CoD
1	1 PFBA	213.0 > 168.8	1.000
2	2 PFPeA	263.1 > 218.9	1.000
3	3 PFBS	299.0 > 79.7	0.999
4	4 PFHxA	313.2 > 268.9	0.999
5	5 PFHpA	363.0 > 318.9	0.999
6	6 L-PFHxS	398.9 > 79.6	0.997
7	7 Br-PFHxS	398.9 > 79.6	1.000
8	8 6:2 FTS	427.1 > 407	0.999
9	9 L-PFOA	413 > 368.7	0.992
10	10 Br-PFOA	413 > 368.7	1.000
11	11 PFHpS	449 > 80.0	0.999
12	12 PFNA	463.0 > 418.8	0.991
13	13 PFOSA	498.1 > 77.8	0.994
14	14 L-PFOS	499 > 79.9	0.999
15	15 Br-PFOS	499 > 79.9	0.998
16	16 PFDA	513 > 468.8	0.999
17	17 8:2 FTS	527 > 506.9	0.997
18	18 N-MeFOSAA	570.1 > 419	0.998
19	19 N-EtFOSAA	584.2 > 419	0.996
20	20 PFUdA	563.0 > 518.9	0.996
21	21 PFDS	598.8 > 80	0.992
22	22 PFDoA	612.9 > 569.0	0.997
23	23 N-MeFOSA	512.1 > 168.9	0.998
24	24 PFTTrDA	662.9 > 618.9	0.995
25	25 PFTeDA	712.9 > 668.8	0.995
26	26 N-EtFOSA	526.1 > 168.9	1.000
27	27 PFHxDA	813.1 > 768.6	0.998
28	28 PFODA	913.1 > 868.8	1.000
29	29 N-MeFOSE	616.1 > 58.9	0.991
30	30 N-EtFOSE	630.1 > 58.9	0.998

Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

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Printed: Tuesday, December 26, 2017 14:46:09 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_122317.mdb 26 Dec 2017 10:08:34

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_12-24-17_NEWIS.cdb 26 Dec 2017 14:44:46

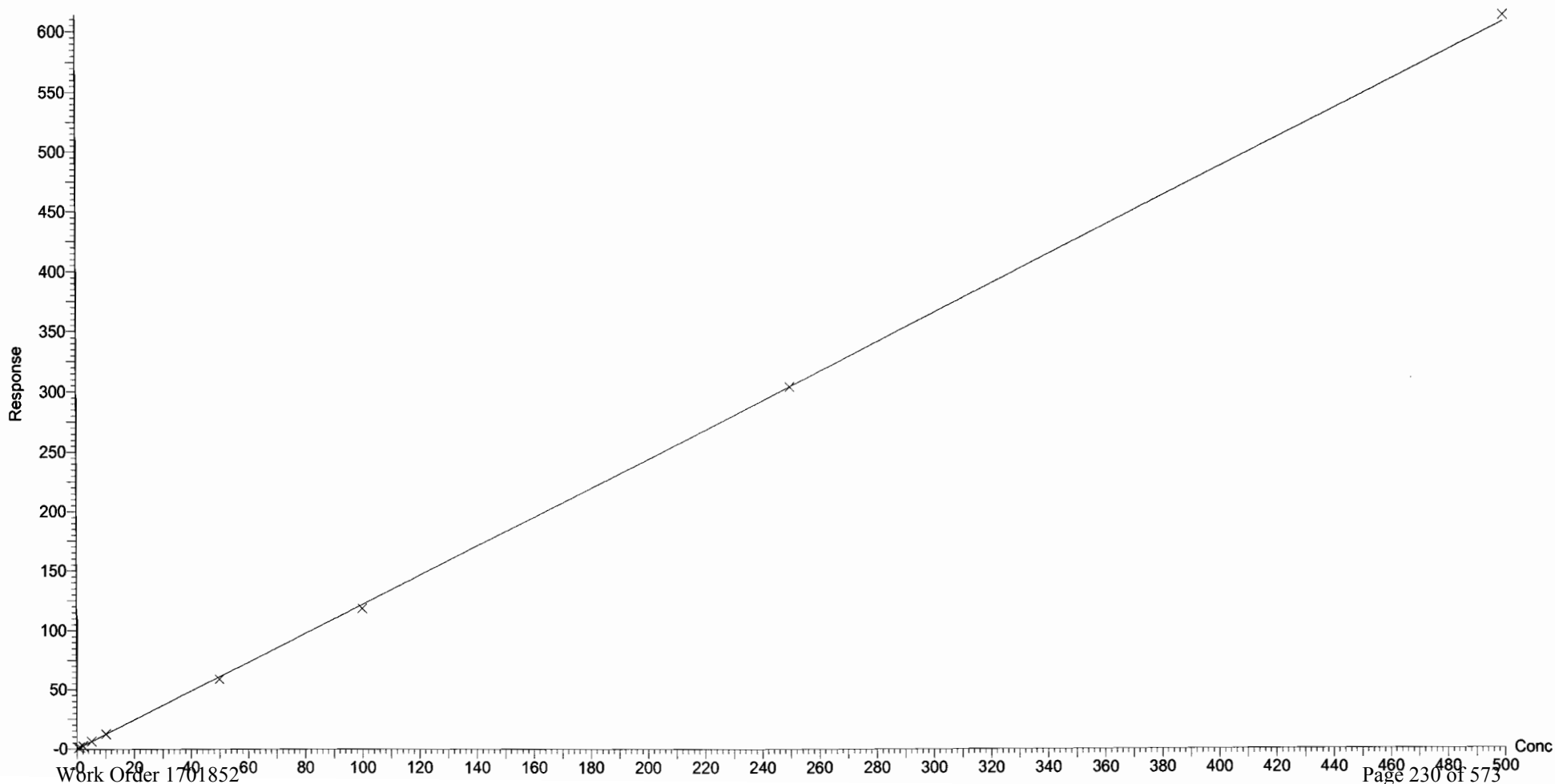
Compound name: PFBA

Correlation coefficient: $r = 0.999898$, $r^2 = 0.999796$

Calibration curve: $1.2162 * x + -0.0497286$

Response type: Internal Std (Ref 31), Area * (IS Conc. / IS Area)

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



Vista Analytical Laboratory Q1

Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

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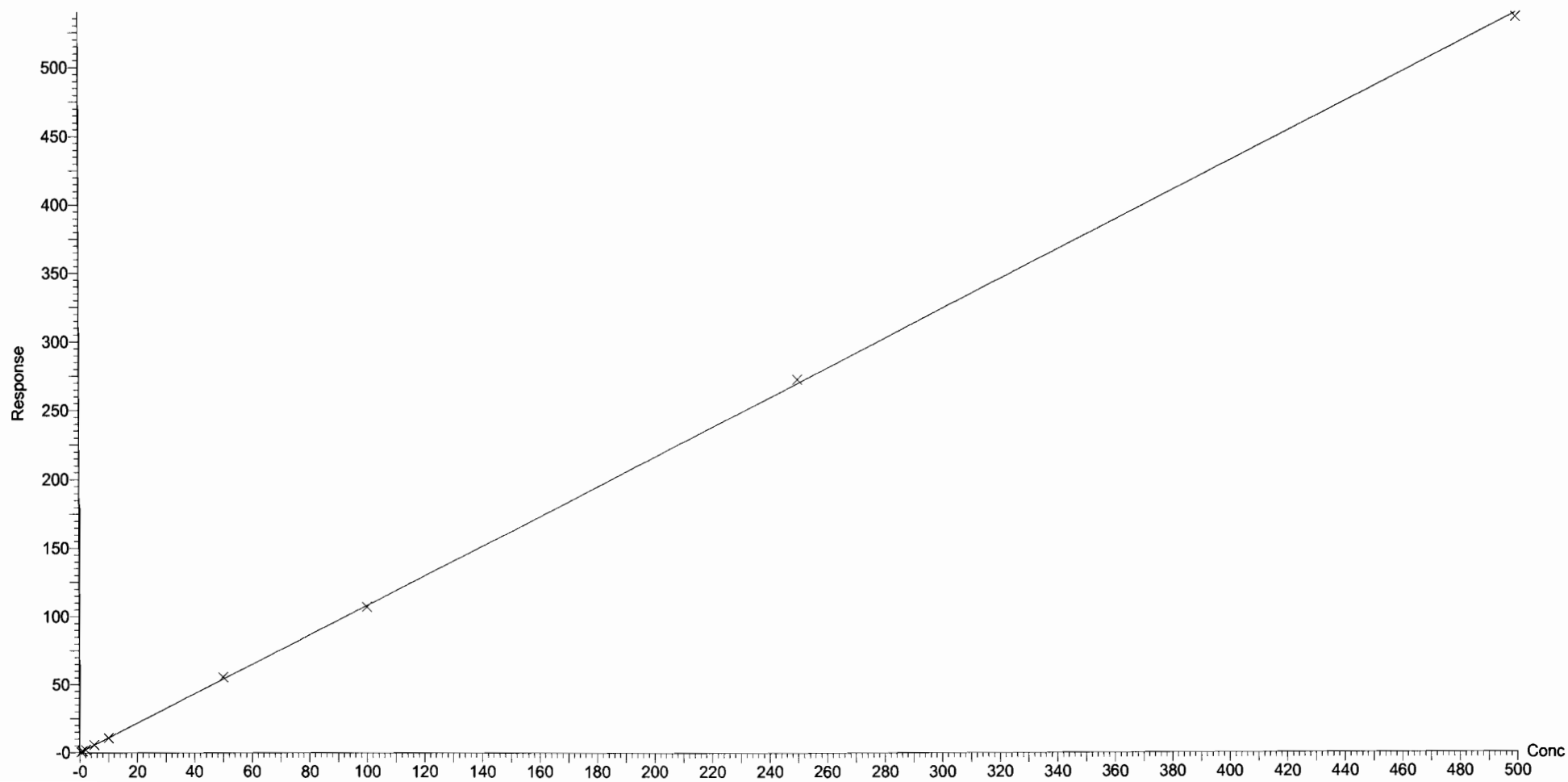
Compound name: PFPeA

Correlation coefficient: $r = 0.999943$, $r^2 = 0.999886$

Calibration curve: $1.07922 * x + -0.0200015$

Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)

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



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Last Altered: Tuesday, December 26, 2017 14:44:48 Pacific Standard Time

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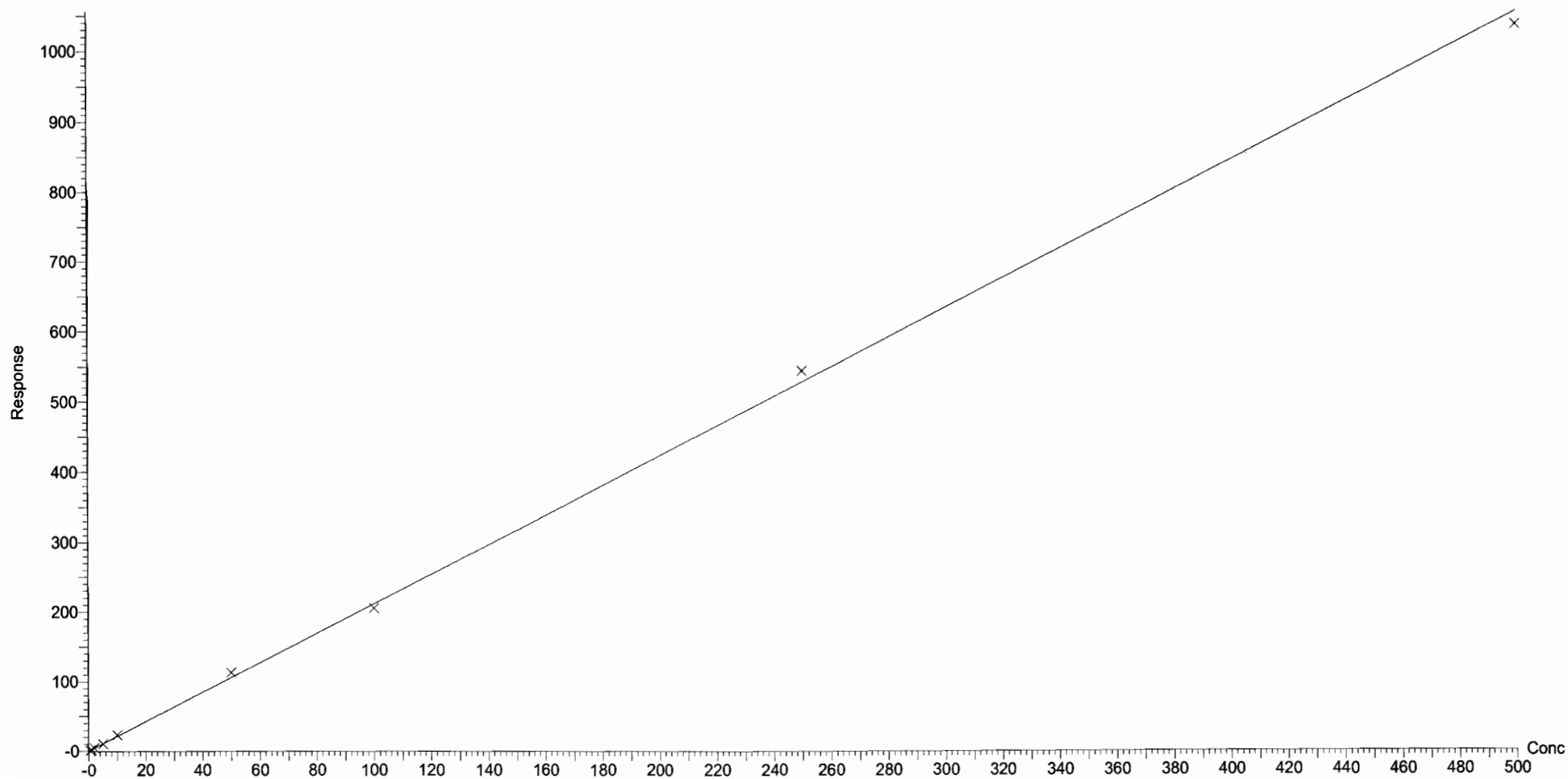
Compound name: PFBS

Correlation coefficient: $r = 0.999522$, $r^2 = 0.999043$

Calibration curve: $2.11171 * x + 0.0397539$

Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)

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



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Last Altered: Tuesday, December 26, 2017 14:44:48 Pacific Standard Time

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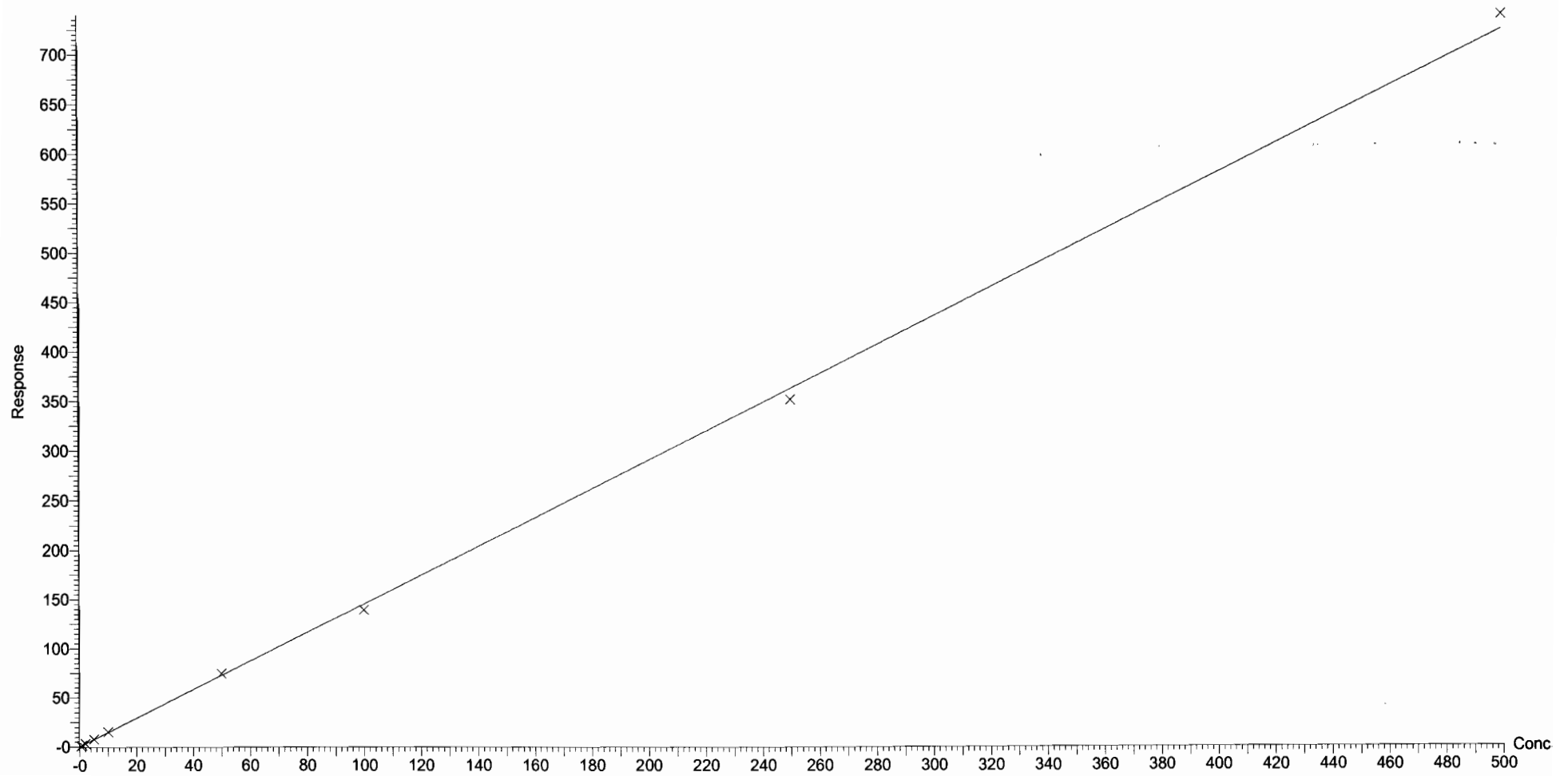
Compound name: PFHxA

Correlation coefficient: $r = 0.999619$, $r^2 = 0.999237$

Calibration curve: $1.4505 * x + 0.120209$

Response type: Internal Std (Ref 34), Area * (IS Conc. / IS Area)

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



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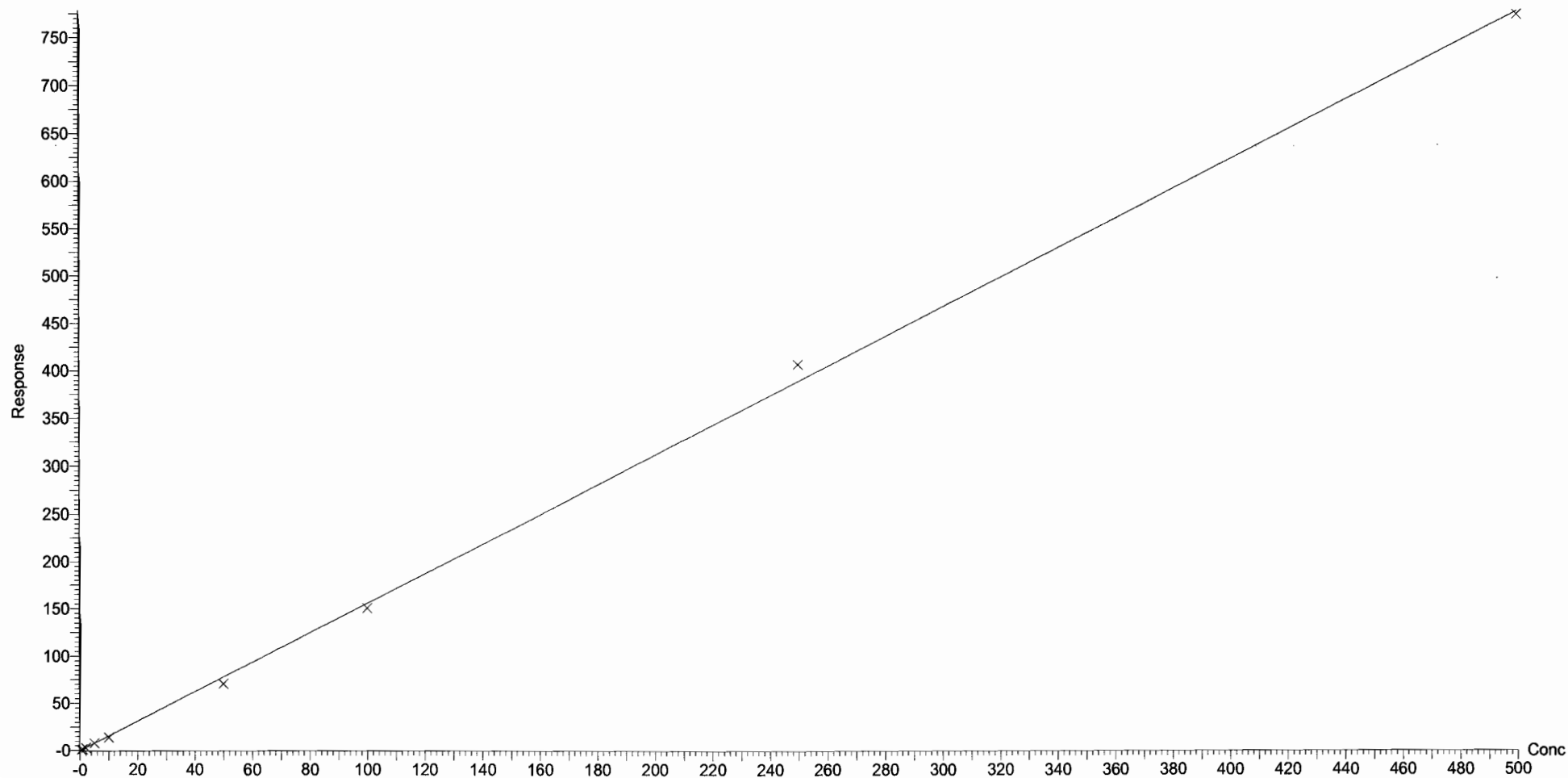
Compound name: PFHpA

Correlation coefficient: $r = 0.999296$, $r^2 = 0.998592$

Calibration curve: $1.55722 * x + -0.220525$

Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)

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

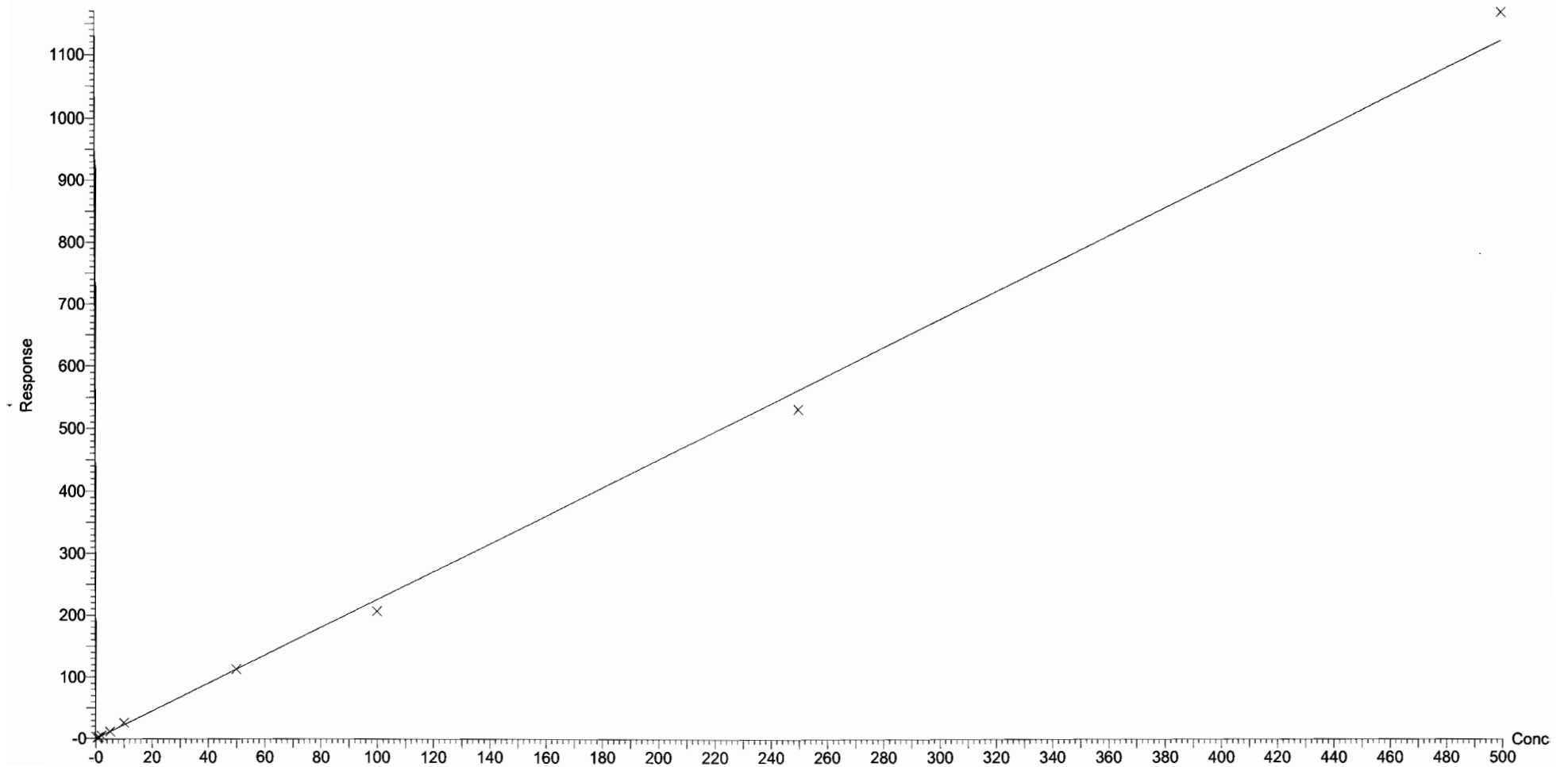


Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

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Compound name: L-PFHxS
Correlation coefficient: $r = 0.998617$, $r^2 = 0.997237$
Calibration curve: $2.24931 * x + 0.0687211$
Response type: Internal Std (Ref 36), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

Last Altered: Tuesday, December 26, 2017 14:44:48 Pacific Standard Time

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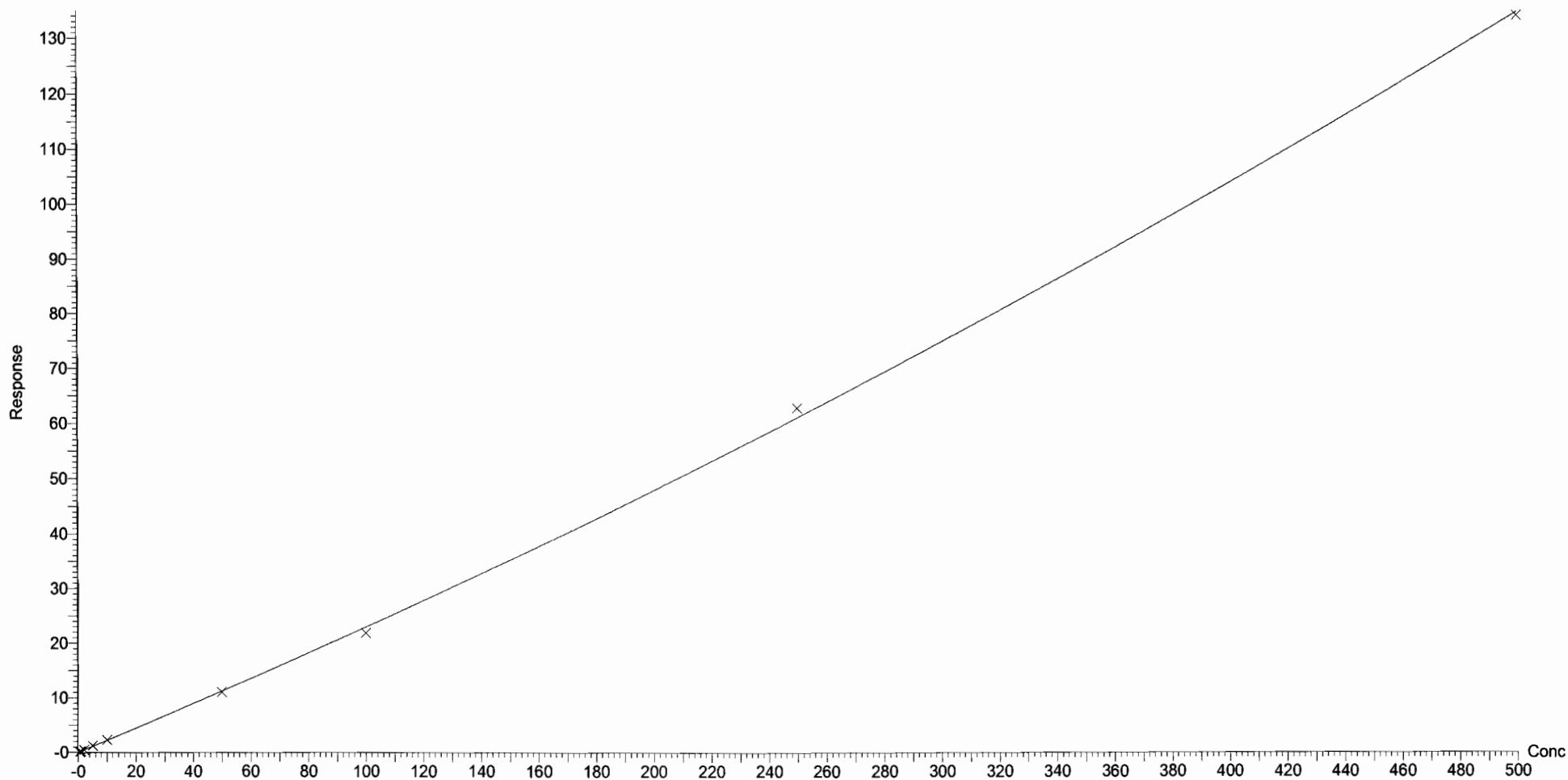
Compound name: 6:2 FTS

Coefficient of Determination: $R^2 = 0.999475$

Calibration curve: $0.000101954 * x^2 + 0.218862 * x + -0.0116435$

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

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



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

Last Altered: Tuesday, December 26, 2017 14:44:48 Pacific Standard Time

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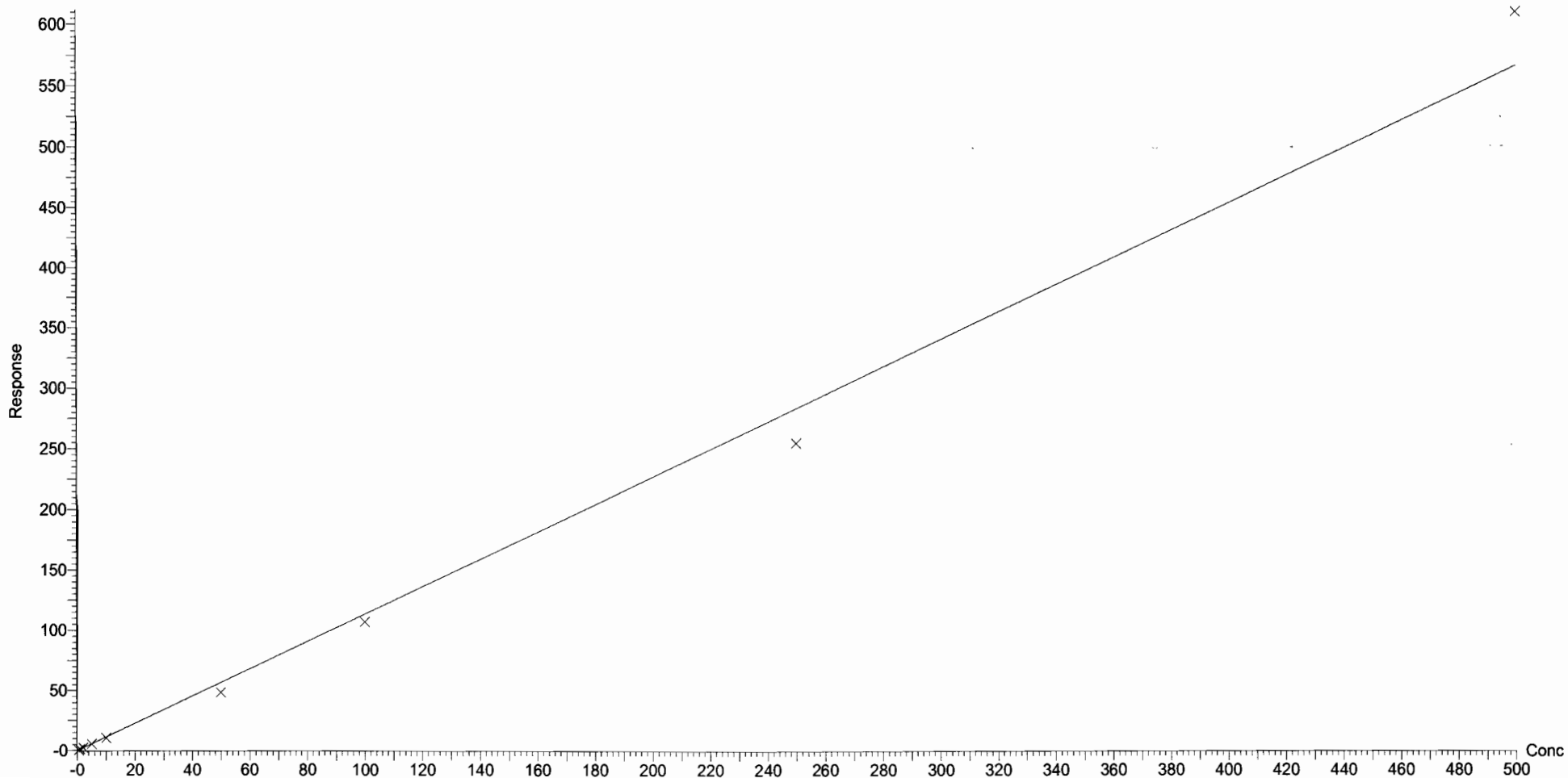
Compound name: L-PFOA

Correlation coefficient: $r = 0.996068$, $r^2 = 0.992151$

Calibration curve: $1.13485 * x + -0.068056$

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

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



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

Last Altered: Tuesday, December 26, 2017 14:44:48 Pacific Standard Time

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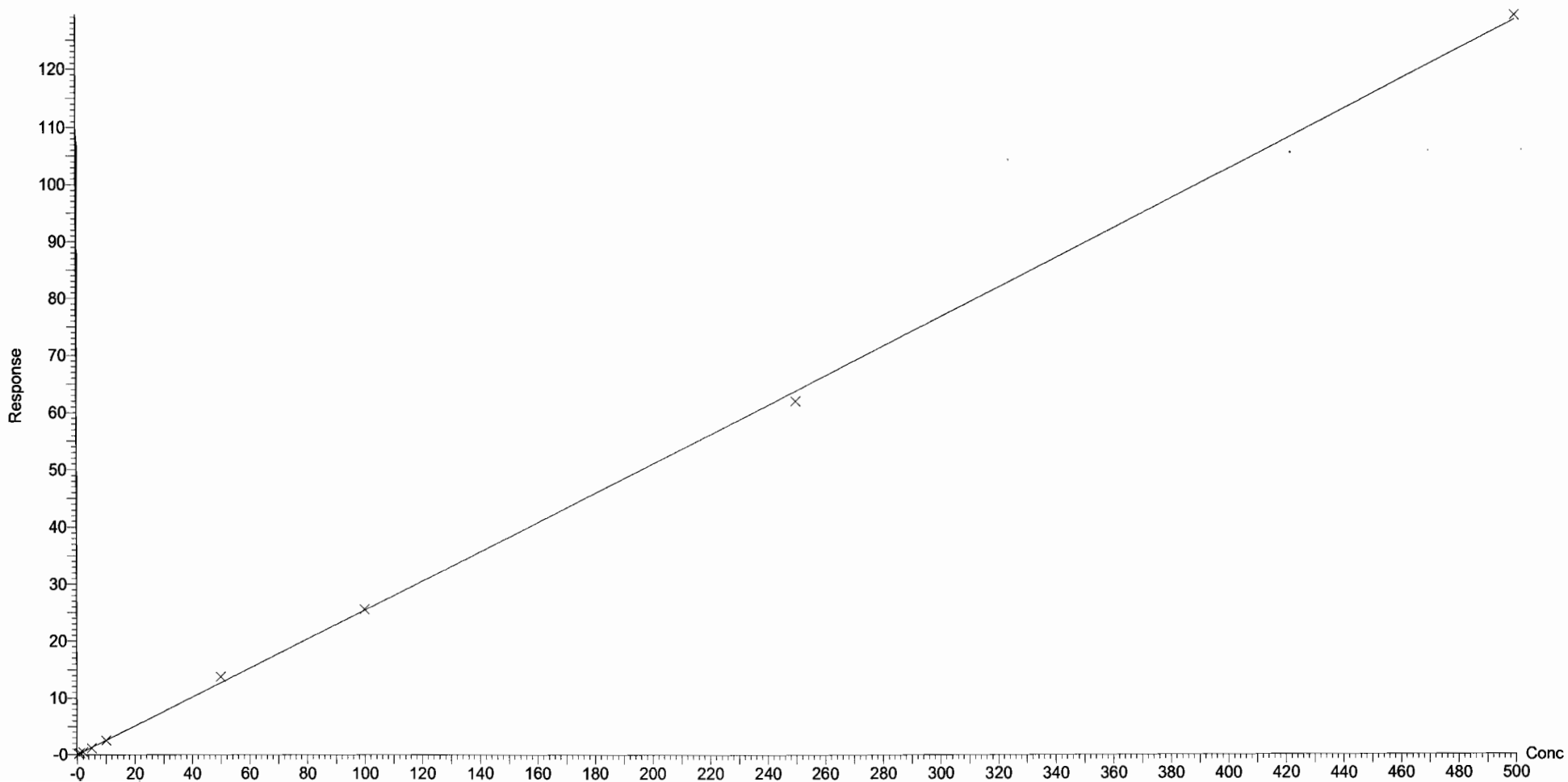
Compound name: PFHpS

Coefficient of Determination: $R^2 = 0.999306$

Calibration curve: $9.14308e-006 * x^2 + 0.25284 * x + -0.0204317$

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

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



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

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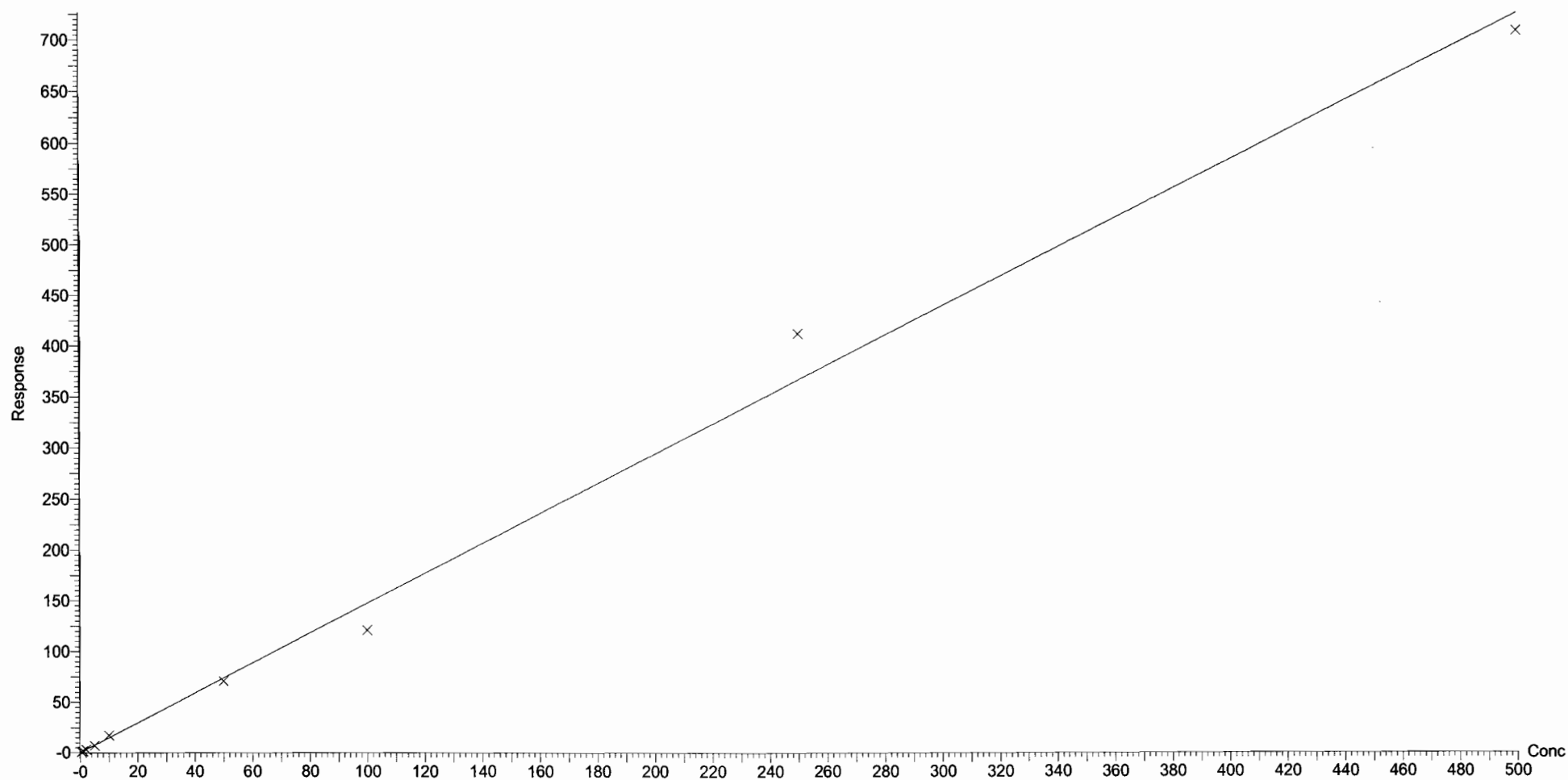
Compound name: PFNA

Coefficient of Determination: $R^2 = 0.991312$

Calibration curve: $-5.39384e-005 * x^2 + 1.48033 * x + -0.0881933$

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

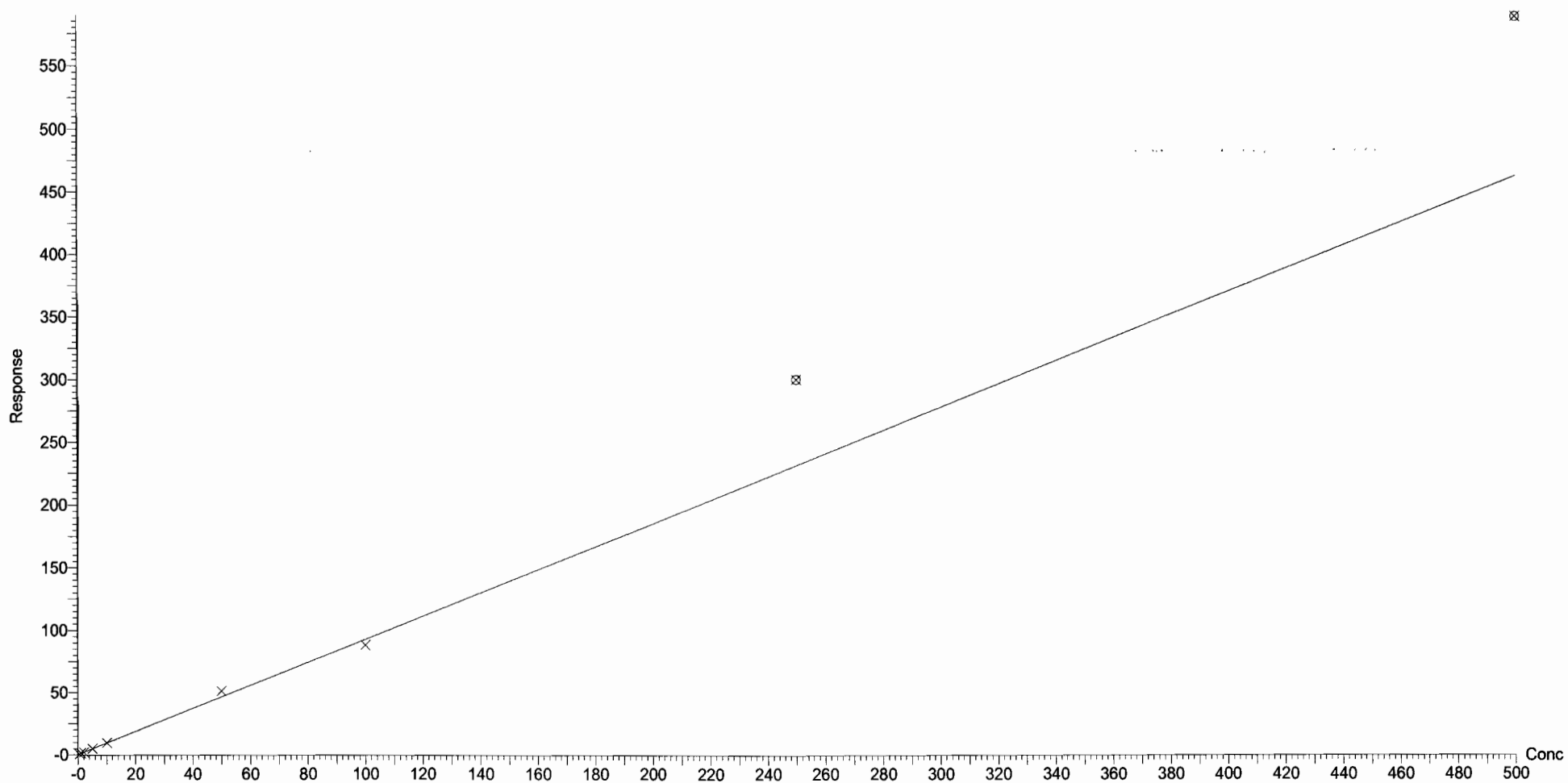
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

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Compound name: PFOSA
Correlation coefficient: $r = 0.997209$, $r^2 = 0.994426$
Calibration curve: $0.925471 * x + 0.232387$
Response type: Internal Std (Ref 40), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

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Compound name: L-PFOS

Coefficient of Determination: $R^2 = 0.998922$

Calibration curve: $0.000179303 * x^2 + 1.12135 * x + -0.0439045$

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

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



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

Last Altered: Tuesday, December 26, 2017 14:44:48 Pacific Standard Time

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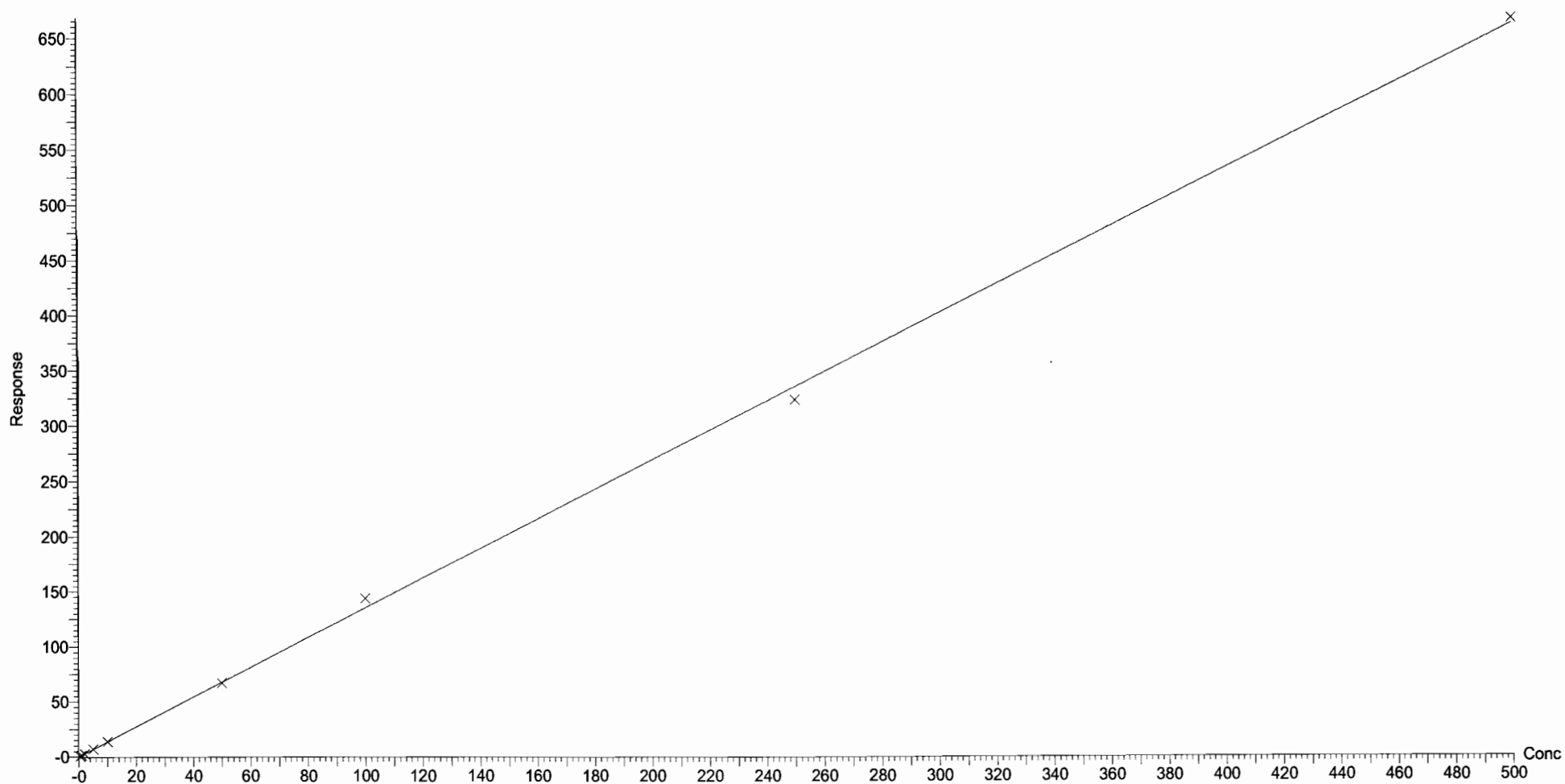
Compound name: PFDA

Coefficient of Determination: $R^2 = 0.999156$

Calibration curve: $-6.56116e-005 * x^2 + 1.35938 * x + -0.0151289$

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

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



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

Last Altered: Tuesday, December 26, 2017 14:44:48 Pacific Standard Time

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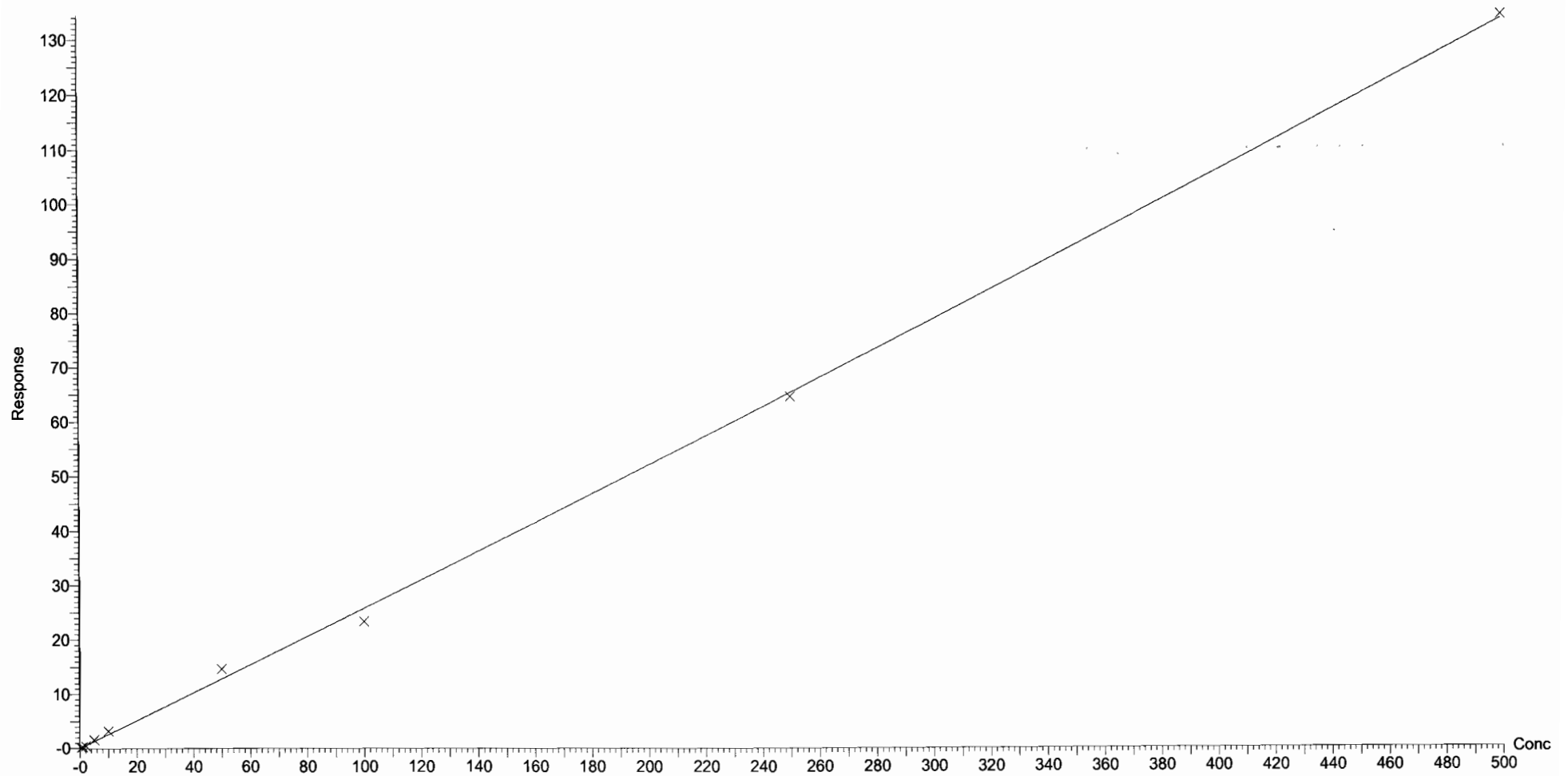
Compound name: 8:2 FTS

Coefficient of Determination: $R^2 = 0.997132$

Calibration curve: $2.5566e-005 * x^2 + 0.254649 * x + 0.00699792$

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

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

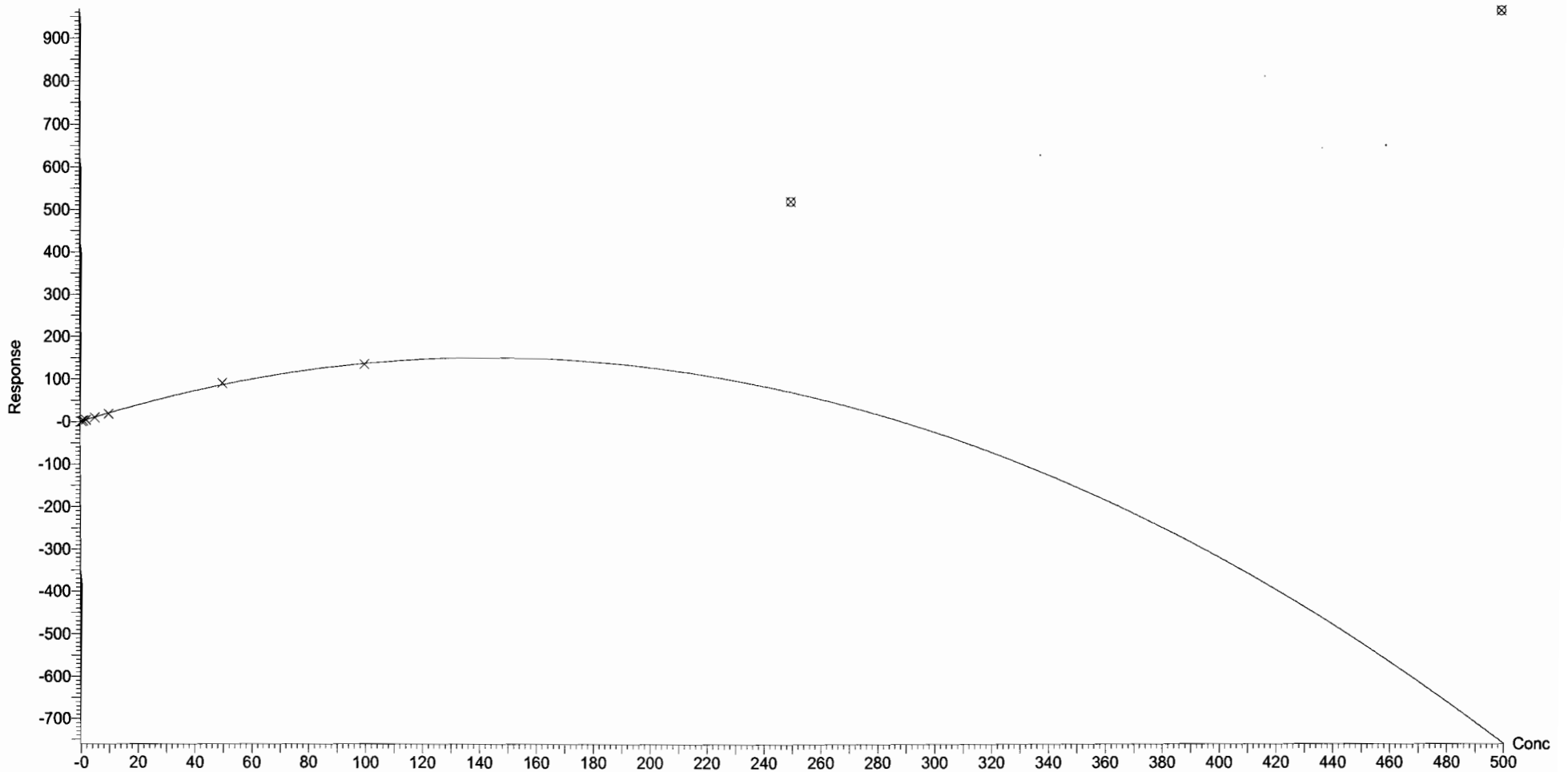


Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

Last Altered: Tuesday, December 26, 2017 14:44:48 Pacific Standard Time

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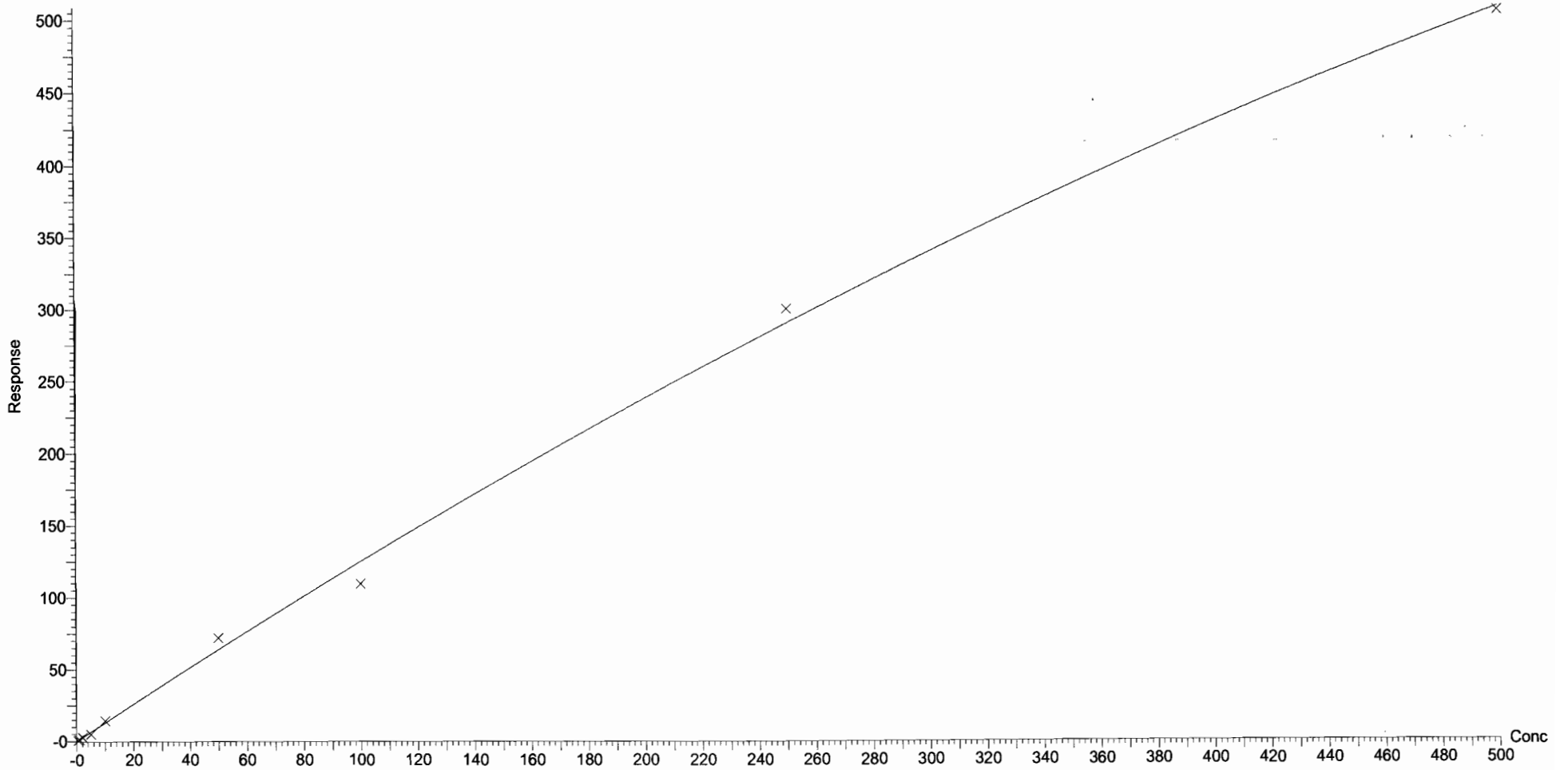
Compound name: N-MeFOSAA
Coefficient of Determination: $R^2 = 0.997845$
Calibration curve: $-0.00719827 * x^2 + 2.07991 * x + -0.13385$
Response type: Internal Std (Ref 44), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

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Compound name: N-EtFOSAA
Coefficient of Determination: $R^2 = 0.995681$
Calibration curve: $-0.000577785 * x^2 + 1.30576 * x + -0.0738799$
Response type: Internal Std (Ref 45), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

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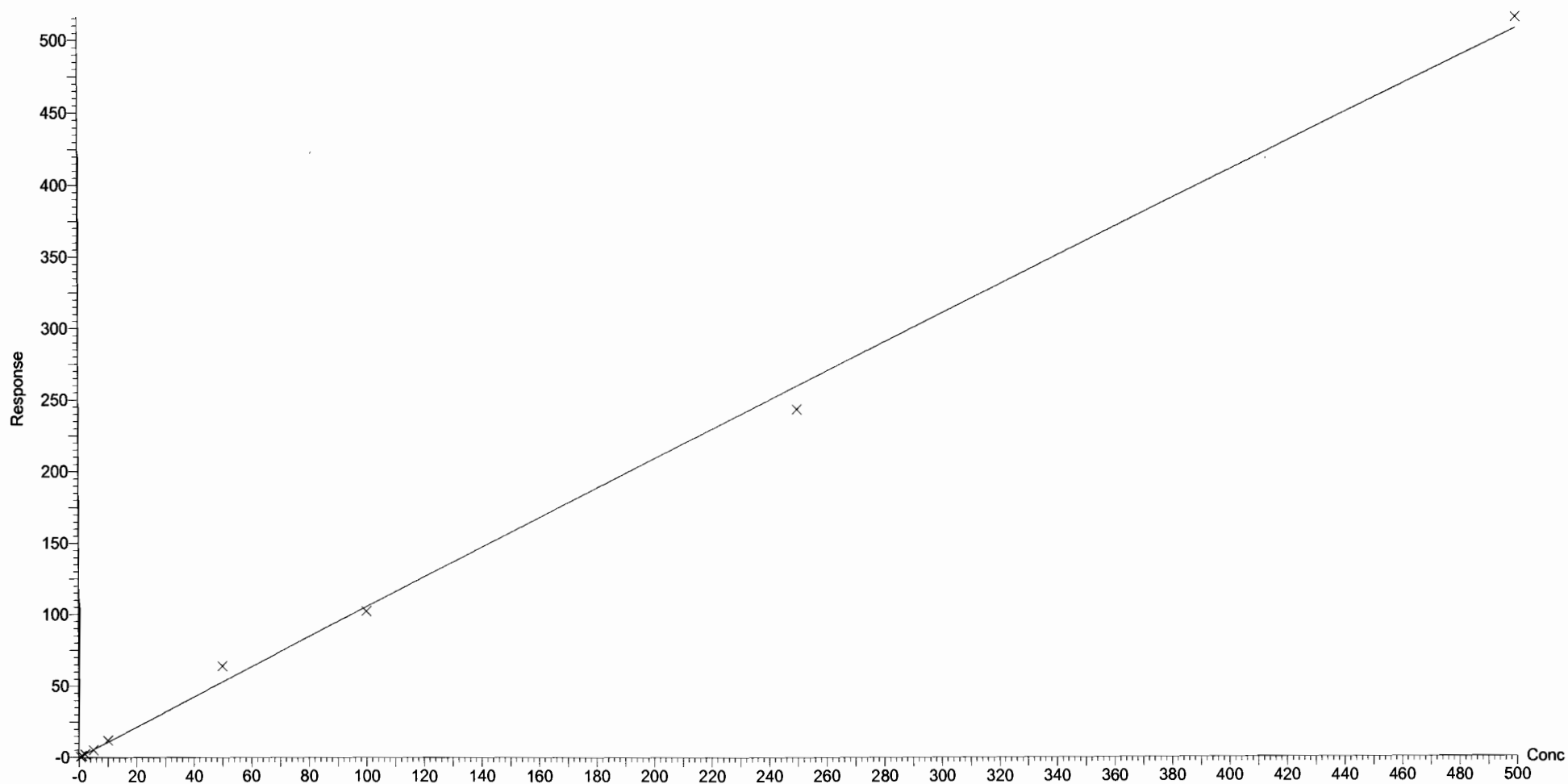
Compound name: PFUdA

Coefficient of Determination: $R^2 = 0.996033$

Calibration curve: $-8.75501e-005 * x^2 + 1.06032 * x + -0.00819795$

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

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



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

Last Altered: Tuesday, December 26, 2017 14:44:48 Pacific Standard Time

Printed: Tuesday, December 26, 2017 14:46:09 Pacific Standard Time

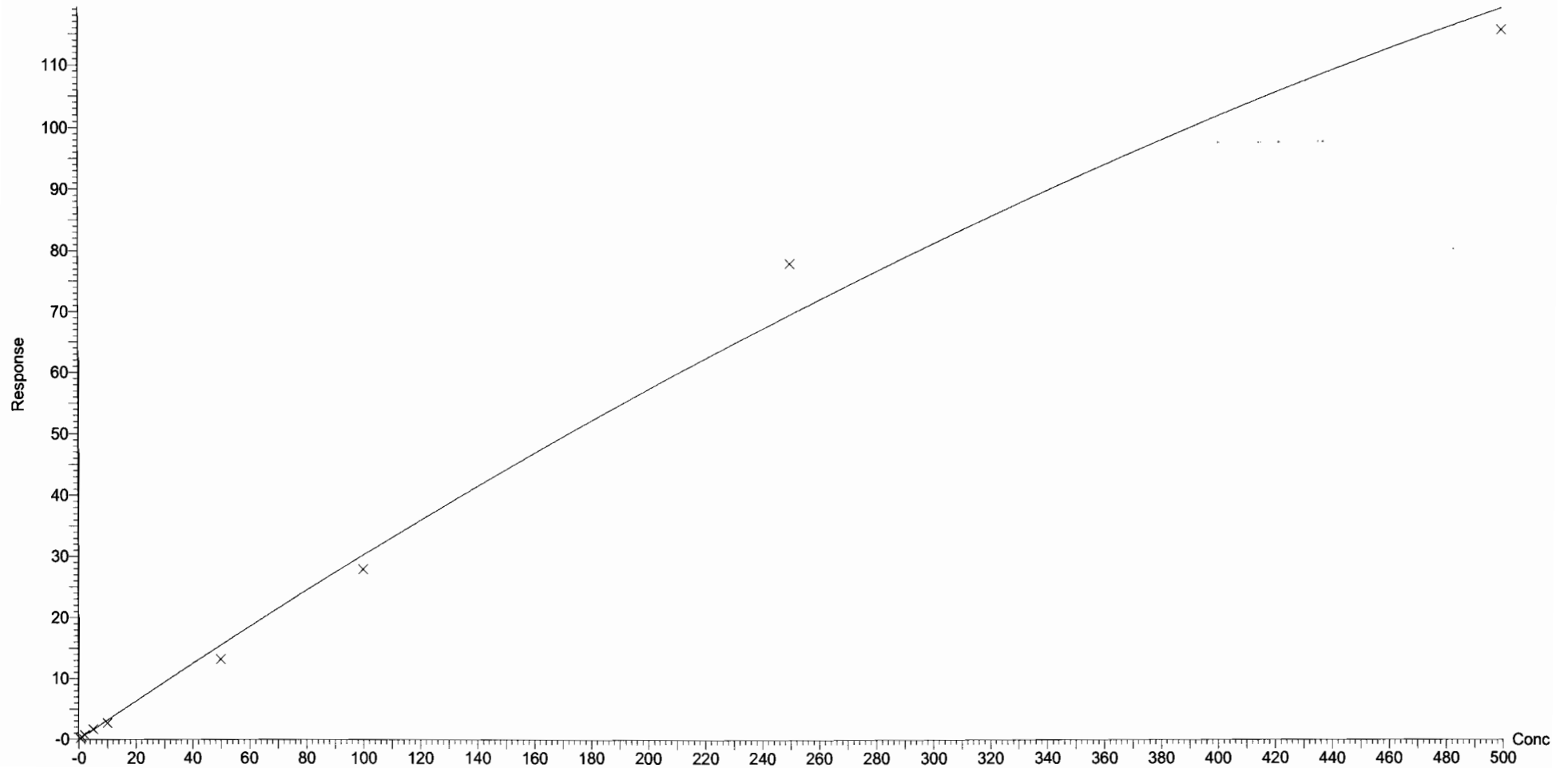
Compound name: PFDS

Coefficient of Determination: $R^2 = 0.992031$

Calibration curve: $-0.00015825 * x^2 + 0.31788 * x + -0.00152343$

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

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

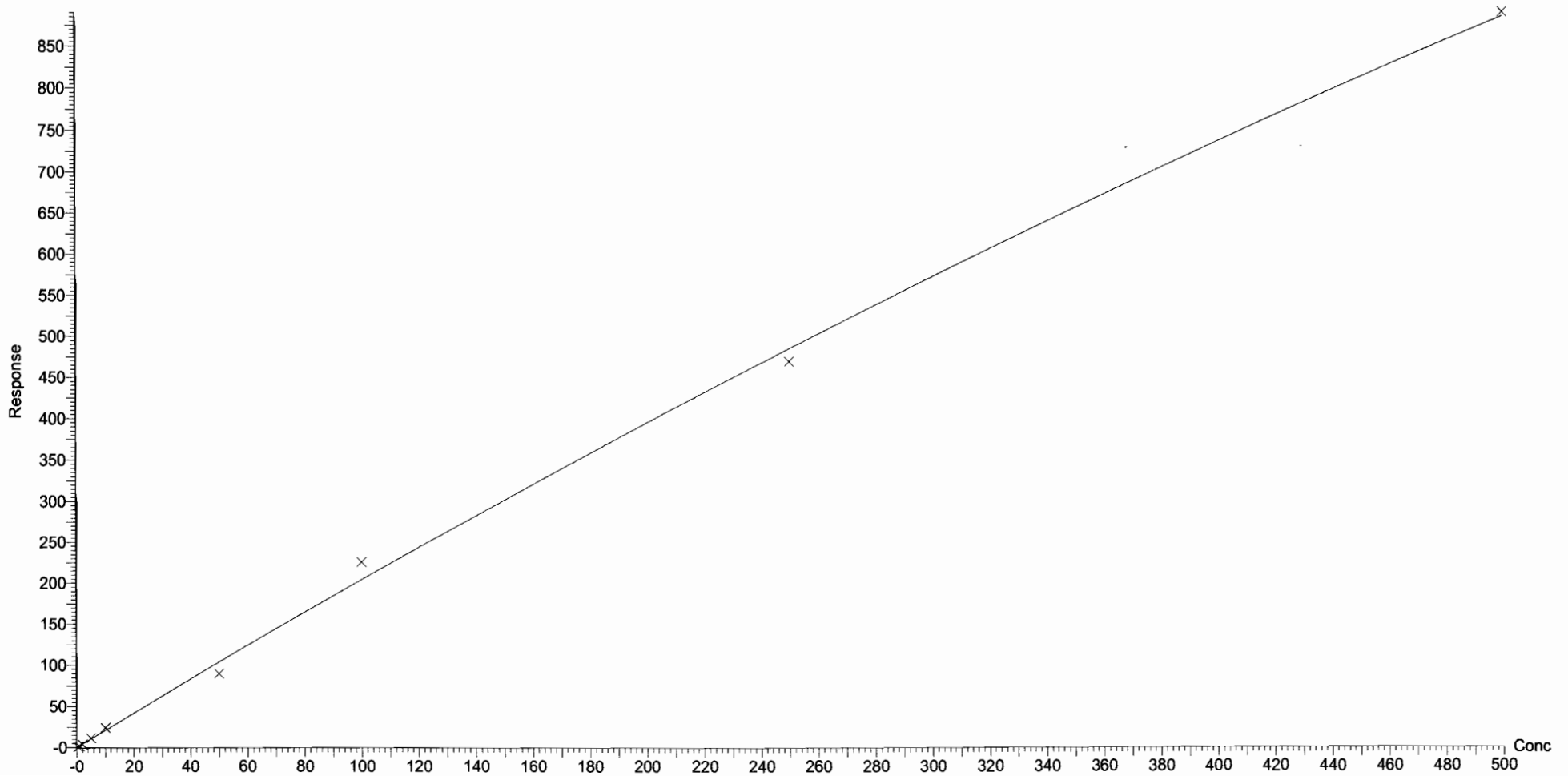


Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

Last Altered: Tuesday, December 26, 2017 14:44:48 Pacific Standard Time

Printed: Tuesday, December 26, 2017 14:46:09 Pacific Standard Time

Compound name: PFDoA
Coefficient of Determination: $R^2 = 0.996507$
Calibration curve: $-0.000671127 * x^2 + 2.10673 * x + 0.0095916$
Response type: Internal Std (Ref 47), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

Last Altered: Tuesday, December 26, 2017 14:44:48 Pacific Standard Time

Printed: Tuesday, December 26, 2017 14:46:09 Pacific Standard Time

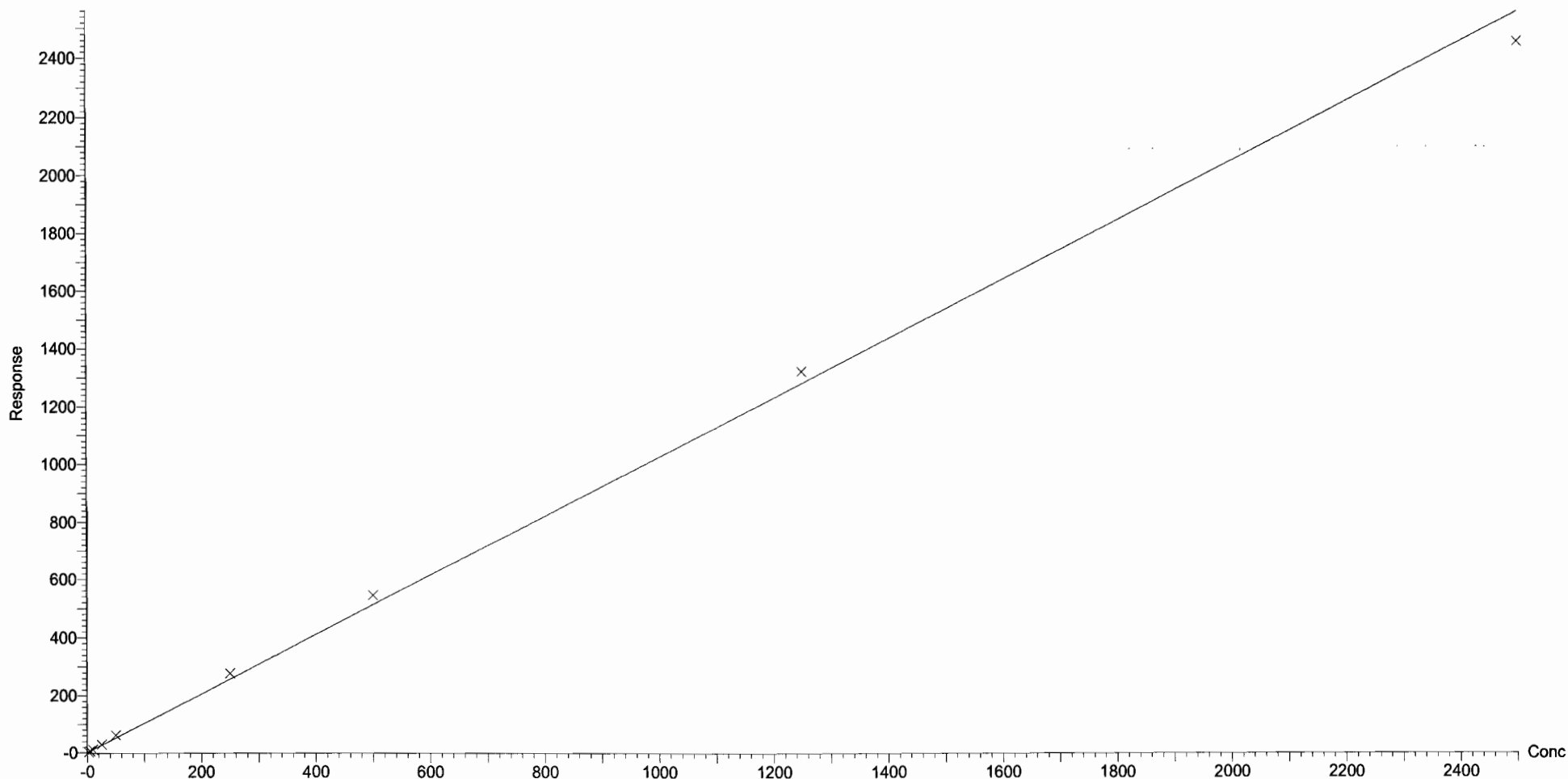
Compound name: N-MeFOSA

Correlation coefficient: $r = 0.998804$, $r^2 = 0.997610$

Calibration curve: $1.0243 * x + 0.690193$

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

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



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

Last Altered: Tuesday, December 26, 2017 14:44:48 Pacific Standard Time

Printed: Tuesday, December 26, 2017 14:46:09 Pacific Standard Time

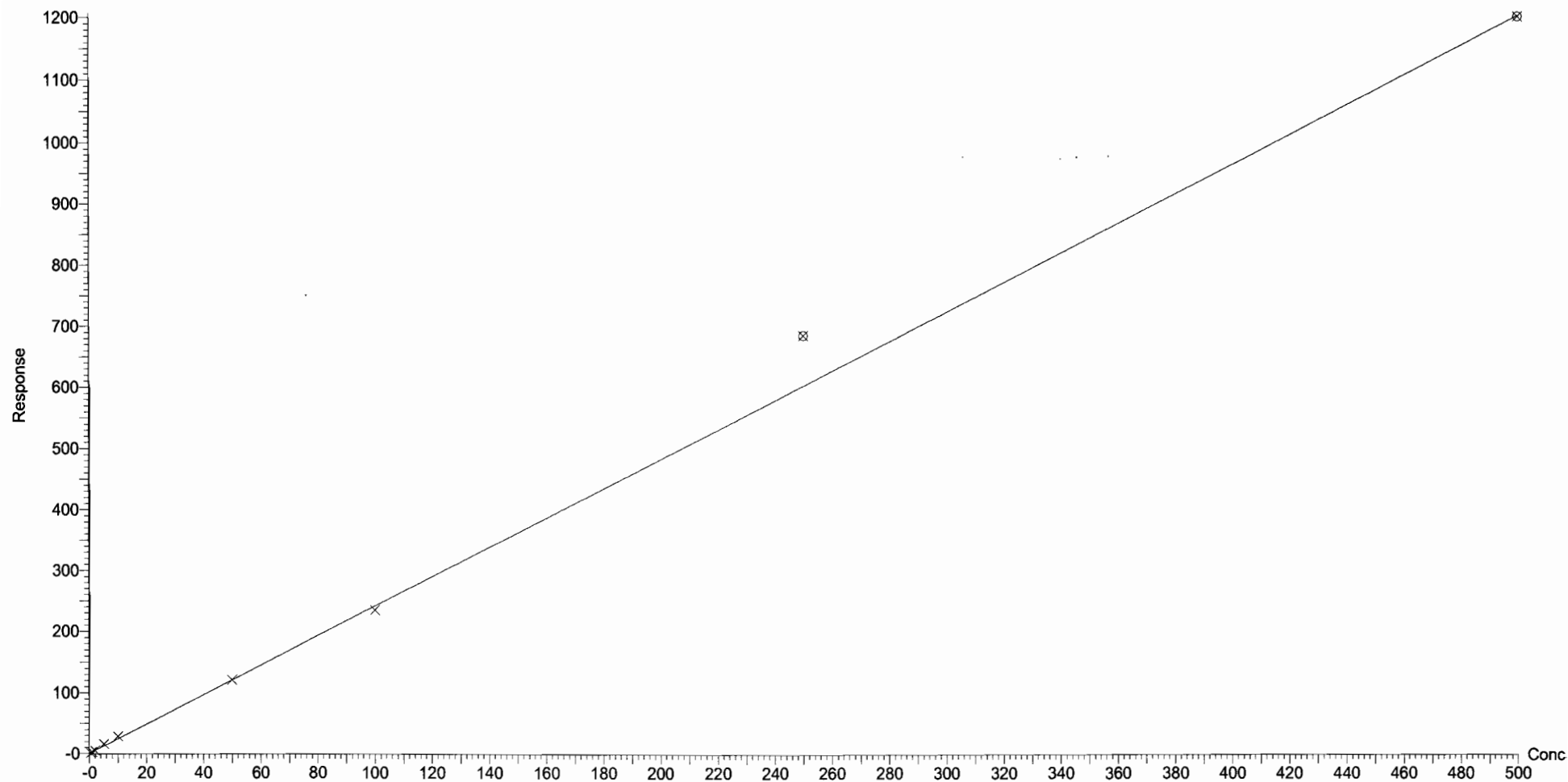
Compound name: PFTTrDA

Correlation coefficient: $r = 0.997548$, $r^2 = 0.995103$

Calibration curve: $2.41244 * x + 0.359662$

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

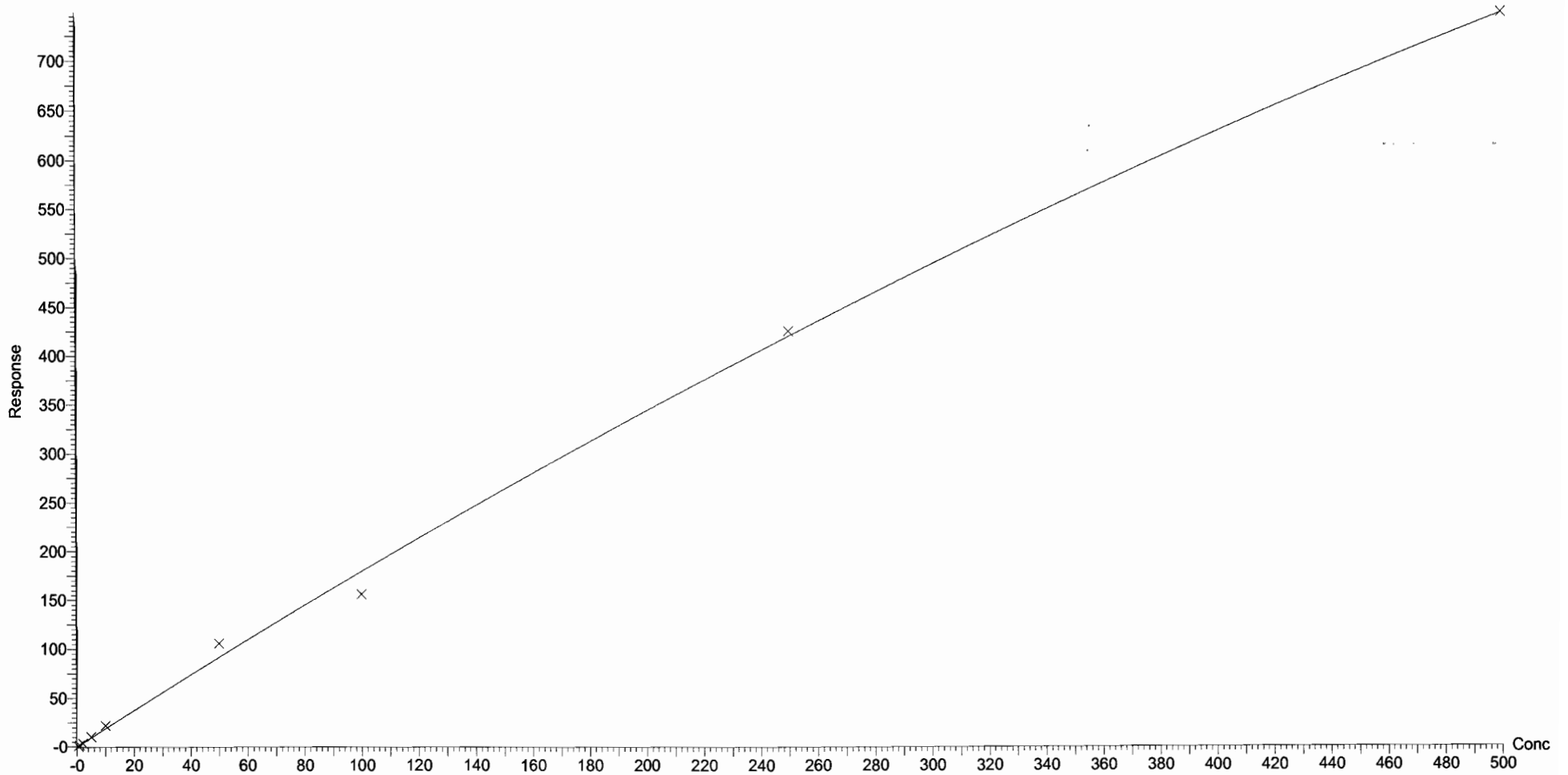
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

Last Altered: Tuesday, December 26, 2017 14:44:48 Pacific Standard Time
Printed: Tuesday, December 26, 2017 14:46:09 Pacific Standard Time

Compound name: PFTeDA
Coefficient of Determination: $R^2 = 0.995370$
Calibration curve: $-0.000738038 * x^2 + 1.86465 * x + 0.00606828$
Response type: Internal Std (Ref 49), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None

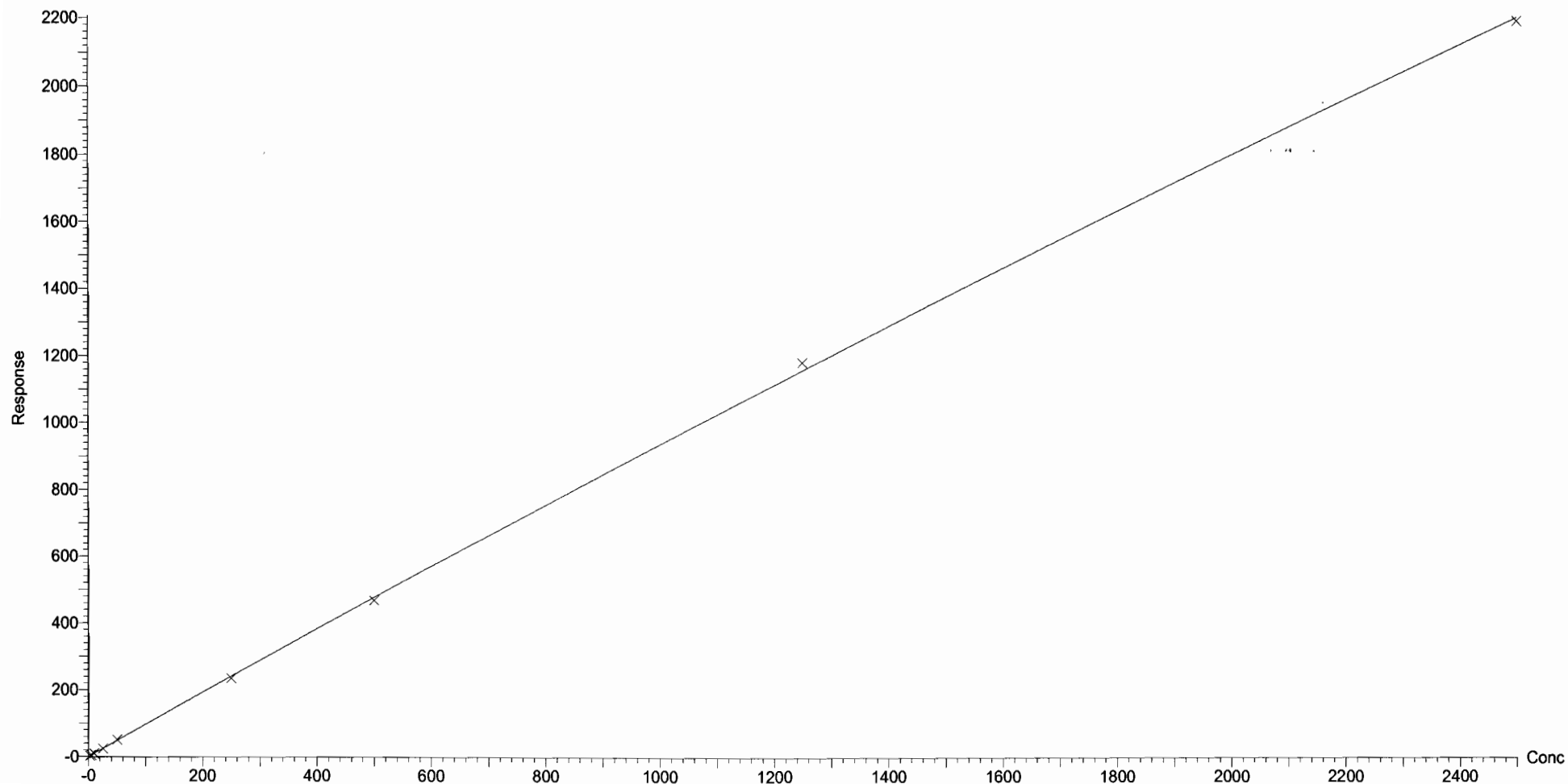


Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

Last Altered: Tuesday, December 26, 2017 14:44:48 Pacific Standard Time

Printed: Tuesday, December 26, 2017 14:46:09 Pacific Standard Time

Compound name: N-EtFOSA
Coefficient of Determination: $R^2 = 0.999744$
Calibration curve: $-3.51418e-005 * x^2 + 0.970092 * x + -0.171197$
Response type: Internal Std (Ref 50), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

Last Altered: Tuesday, December 26, 2017 14:44:48 Pacific Standard Time

Printed: Tuesday, December 26, 2017 14:46:09 Pacific Standard Time

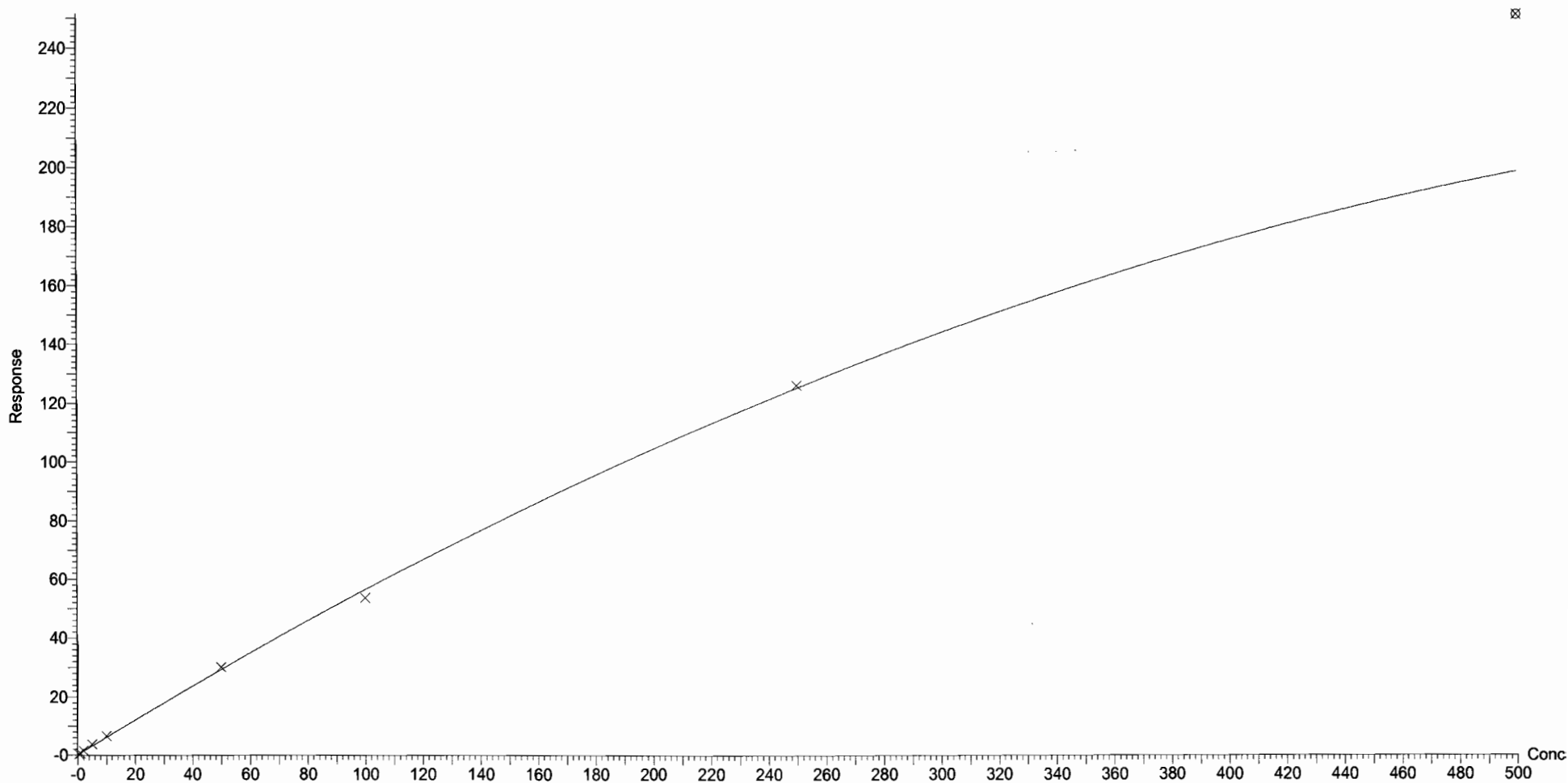
Compound name: PFHxDA

Coefficient of Determination: $R^2 = 0.997934$

Calibration curve: $-0.000413371 * x^2 + 0.603676 * x + 0.10836$

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

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



Vista Analytical Laboratory Q1

Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

Last Altered: Tuesday, December 26, 2017 14:44:48 Pacific Standard Time

Printed: Tuesday, December 26, 2017 14:46:09 Pacific Standard Time

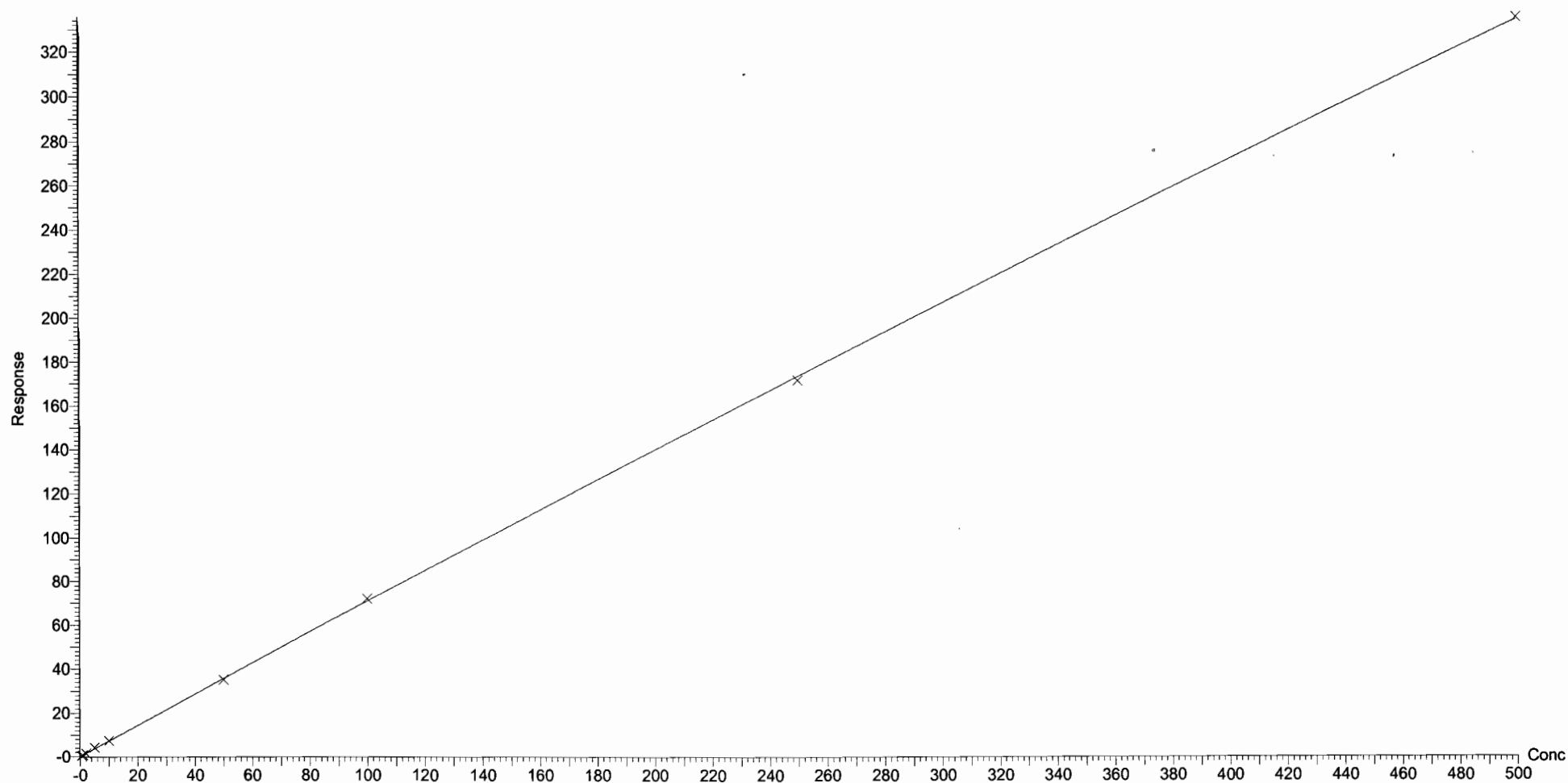
Compound name: PFODA

Coefficient of Determination: $R^2 = 0.999739$

Calibration curve: $-9.55471e-005 * x^2 + 0.71766 * x + 0.0397523$

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

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



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

Last Altered: Tuesday, December 26, 2017 14:44:48 Pacific Standard Time

Printed: Tuesday, December 26, 2017 14:46:09 Pacific Standard Time

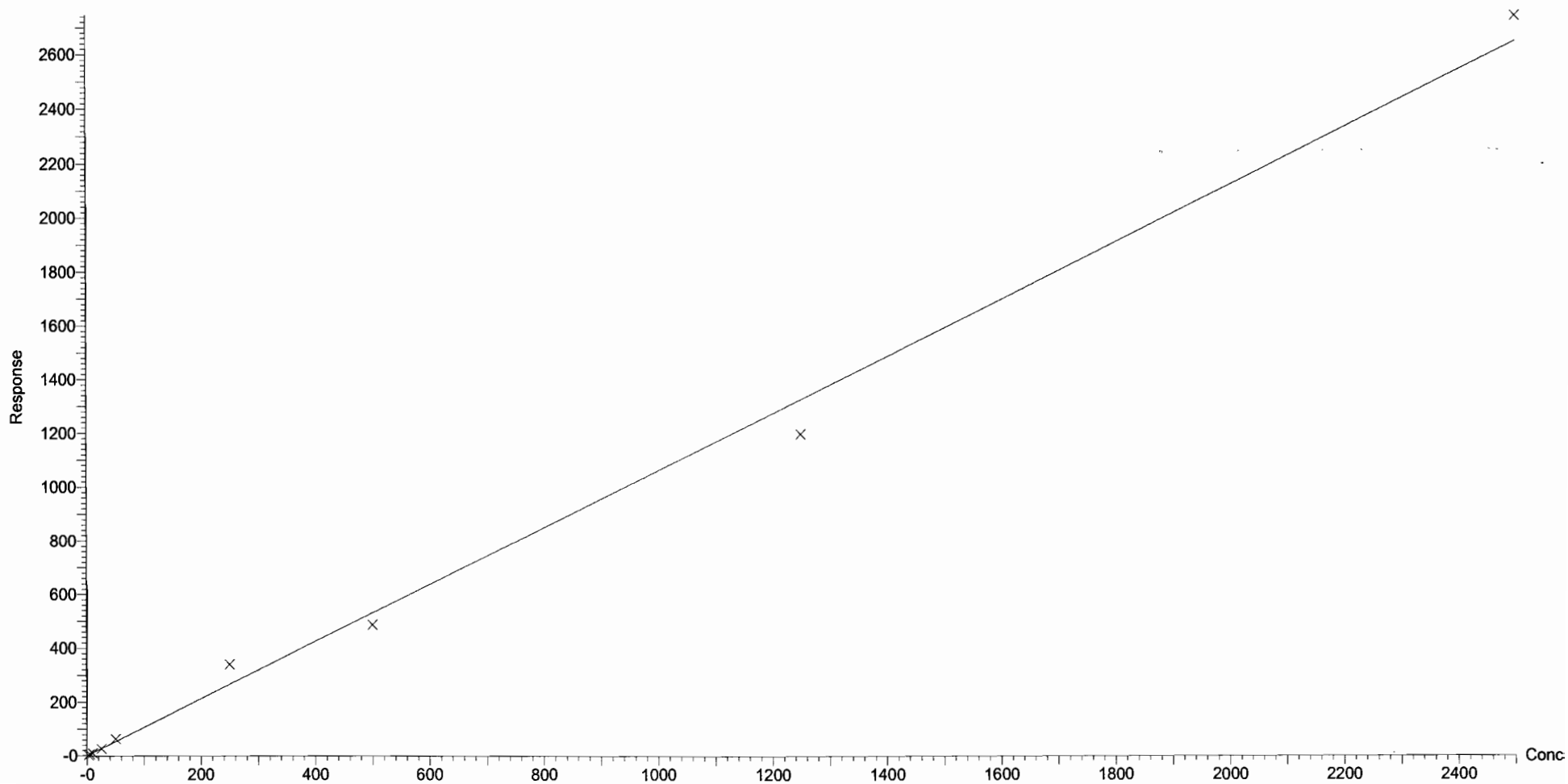
Compound name: N-MeFOSE

Correlation coefficient: $r = 0.995709$, $r^2 = 0.991436$

Calibration curve: $1.06085 * x + 0.164172$

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

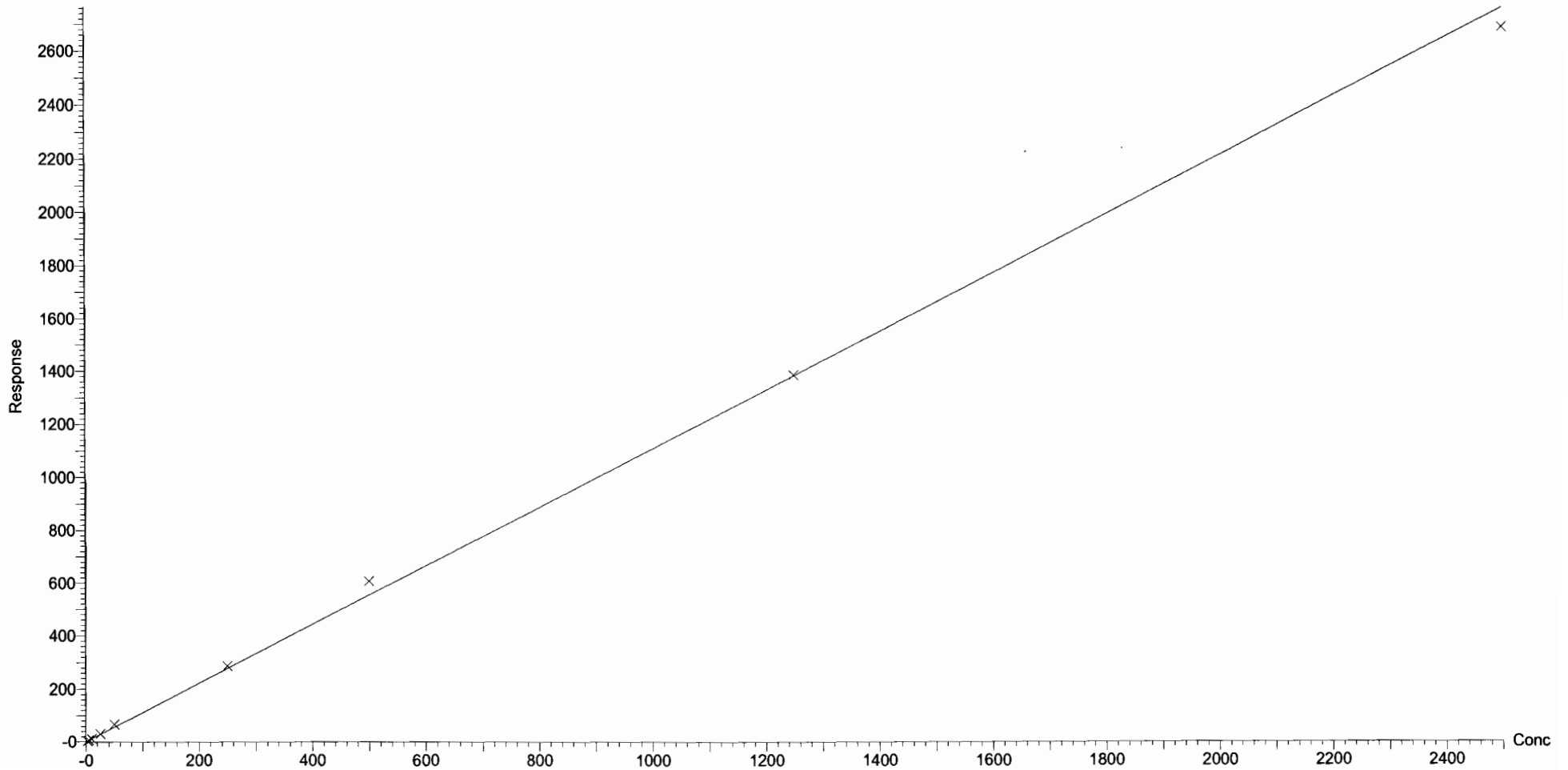
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

Last Altered: Tuesday, December 26, 2017 14:44:48 Pacific Standard Time
Printed: Tuesday, December 26, 2017 14:46:09 Pacific Standard Time

Compound name: N-EtFOSE
Correlation coefficient: $r = 0.999073$, $r^2 = 0.998147$
Calibration curve: $1.10522 * x + 0.402241$
Response type: Internal Std (Ref 53), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: Untitled

Last Altered: Tuesday, December 26, 2017 11:52:45 Pacific Standard Time

Printed: Tuesday, December 26, 2017 11:53:11 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_122317.mdb 26 Dec 2017 11:18:32

Calibration: 26 Dec 2017 11:52:45

Compound name: PFBA

	Name	ID	Acq.Date	Acq.Time
1	171224M1_1	IPA	24-Dec-17	12:25:39
2	171224M1_2	ST171224M1-1 PFC CS-2 17L1202	24-Dec-17	12:36:49
3	171224M1_3	ST171224M1-2 PFC CS-1 17L1203	24-Dec-17	12:47:59
4	171224M1_4	ST171224M1-3 PFC CS0 17L1204	24-Dec-17	12:59:10
5	171224M1_5	ST171224M1-4 PFC CS1 17L1205	24-Dec-17	13:10:21
6	171224M1_6	ST171224M1-5 PFC CS2 17L1802	24-Dec-17	13:21:32
7	171224M1_7	ST171224M1-6 PFC CS3 17L1207	24-Dec-17	13:32:42
8	171224M1_8	ST171224M1-7 PFC CS4 17L1208	24-Dec-17	13:43:53
9	171224M1_9	ST171224M1-8 PFC CS5 17L1209	24-Dec-17	13:55:03
10	171224M1_10	ST171224M1-9 PFC CS6 17L1803	24-Dec-17	14:06:14
11	171224M1_11	ST171224M1-10 PFC CS7 17L1804	24-Dec-17	14:17:25
12	171224M1_12	IPA	24-Dec-17	14:28:35
13	171224M1_13	ICV171224M1-1 PFC ICV 17L1201	24-Dec-17	14:39:47
14	171224M1_14	IPA	24-Dec-17	14:50:57
15	171224M1_15	B7L0037-BS1 OPR 0.25	24-Dec-17	15:02:08
16	171224M1_16	B7L0037-BSD1 LCSD 0.25	24-Dec-17	15:13:19
17	171224M1_17	IPA	24-Dec-17	15:24:29
18	171224M1_18	B7L0037-BLK1 Method Blank 0.25	24-Dec-17	15:35:40
19	171224M1_19	1701799-01 MTBE_14102 0.24791	24-Dec-17	15:46:51
20	171224M1_20	1701809-01 62 Townsend Way 0.11675	24-Dec-17	15:58:01
21	171224M1_21	1701809-02 72 Townsend Way 0.11358	24-Dec-17	16:09:12
22	171224M1_22	1701822-01 WR1711291350MK 0.25256	24-Dec-17	16:20:23
23	171224M1_23	1701822-02 WT1711291410MK 0.25428	24-Dec-17	16:31:33
24	171224M1_24	1701822-03 FB1711291415MK 0.25507	24-Dec-17	16:42:44
25	171224M1_25	1701822-04 WT1711291430MK 0.25342	24-Dec-17	16:53:55
26	171224M1_26	1701822-05 WT1711291445MK 0.25014	24-Dec-17	17:05:05
27	171224M1_27	1701822-06 WT1711291525MK 0.24603	24-Dec-17	17:16:16
28	171224M1_28	1701822-07 WT1711291530MK 0.24388	24-Dec-17	17:27:27
29	171224M1_29	IPA	24-Dec-17	17:38:38
30	171224M1_30	ST171224M1-11 PFC CS3 17L1207	24-Dec-17	17:49:48
31	171224M1_31	IPA	24-Dec-17	18:00:59

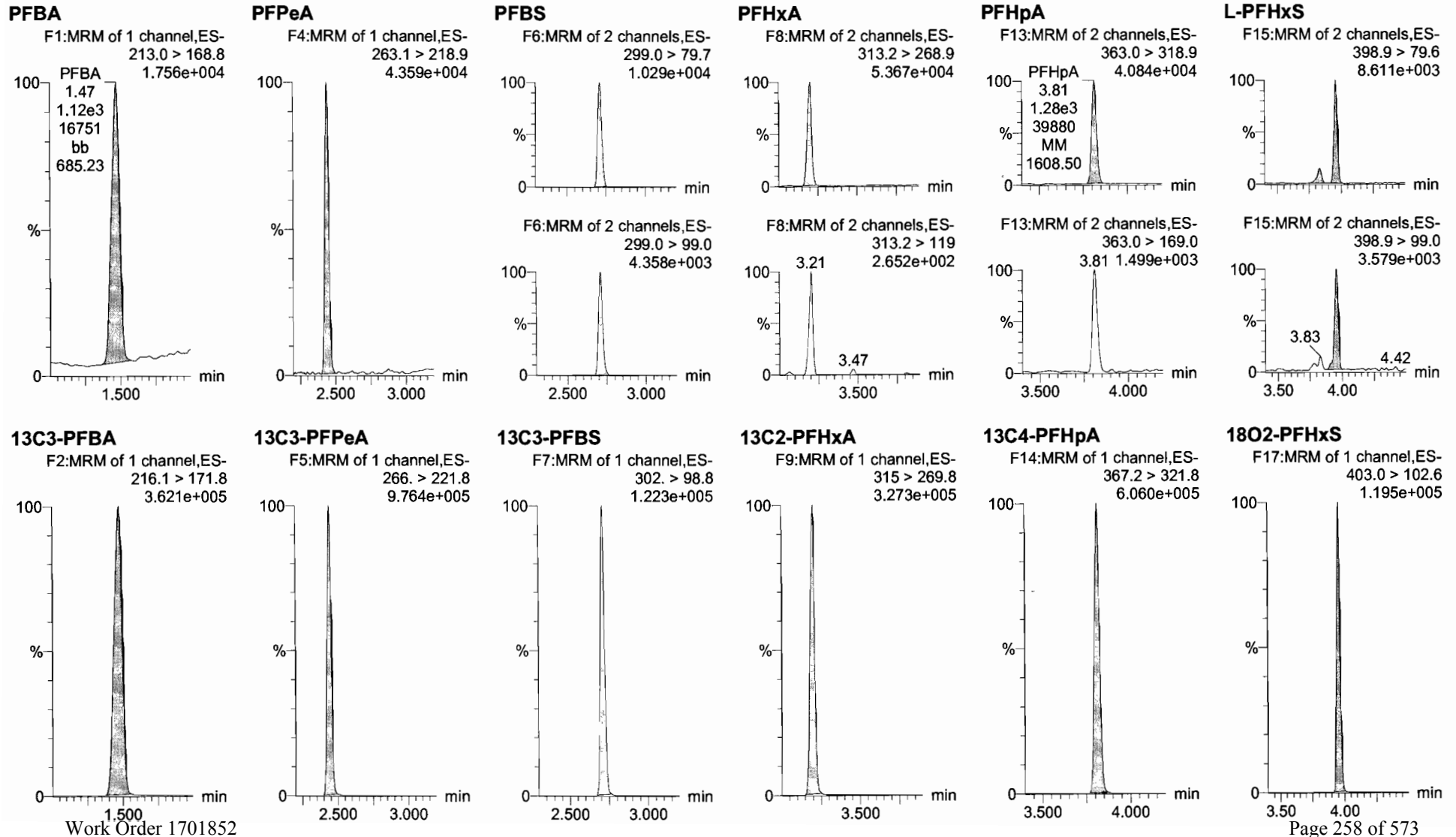
Ⓐ Not used

Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

Last Altered: Tuesday, December 26, 2017 14:25:27 Pacific Standard Time
Printed: Tuesday, December 26, 2017 14:27:31 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_122317.mdb 26 Dec 2017 10:08:34
Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_12-24-17_NEWIS.cdb 26 Dec 2017 14:25:25

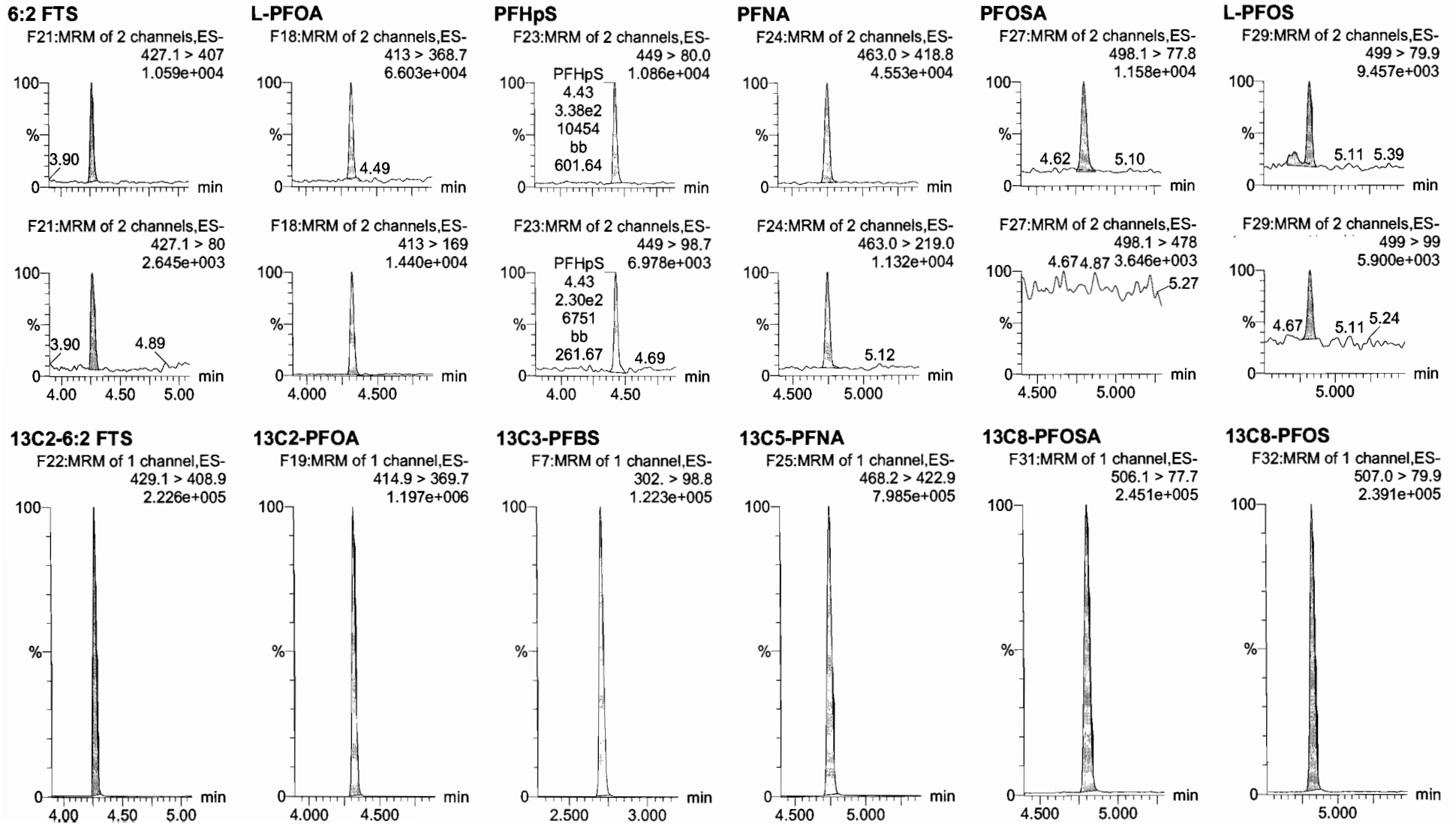
Name: 171224M1_3, Date: 24-Dec-2017, Time: 12:47:59, ID: ST171224M1-2 PFC CS-1 17L1203, Description: PFC CS-1 17L1203



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

Last Altered: Tuesday, December 26, 2017 14:25:27 Pacific Standard Time
Printed: Tuesday, December 26, 2017 14:27:31 Pacific Standard Time

Name: 171224M1_3, Date: 24-Dec-2017, Time: 12:47:59, ID: ST171224M1-2 PFC CS-1 17L1203, Description: PFC CS-1 17L1203

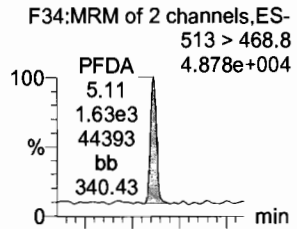


Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

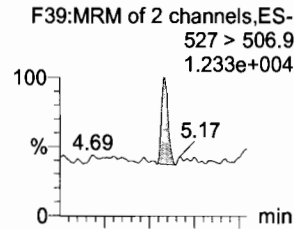
Last Altered: Tuesday, December 26, 2017 14:25:27 Pacific Standard Time
Printed: Tuesday, December 26, 2017 14:27:31 Pacific Standard Time

Name: 171224M1_3, Date: 24-Dec-2017, Time: 12:47:59, ID: ST171224M1-2 PFC CS-1 17L1203, Description: PFC CS-1 17L1203

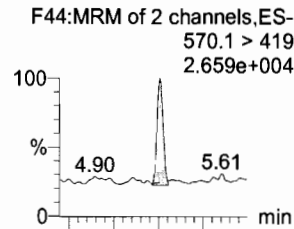
PFDA



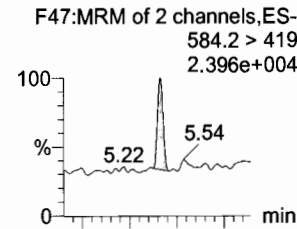
8:2 FTS



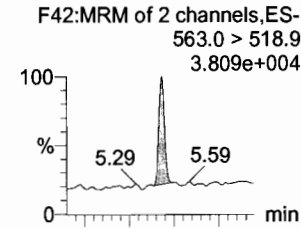
N-MeFOSAA



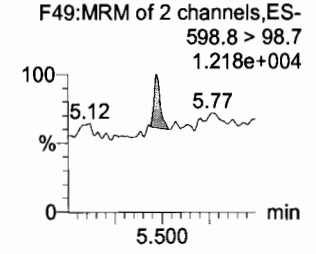
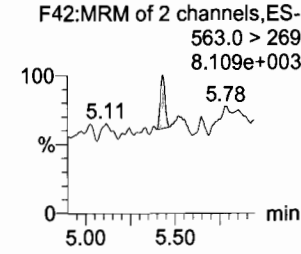
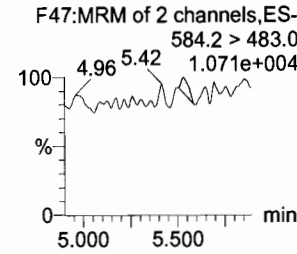
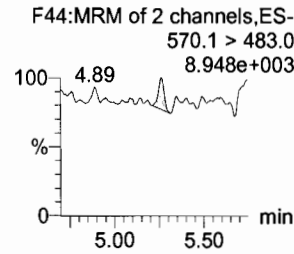
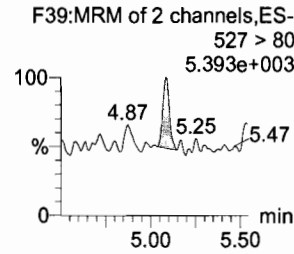
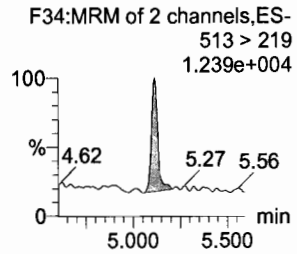
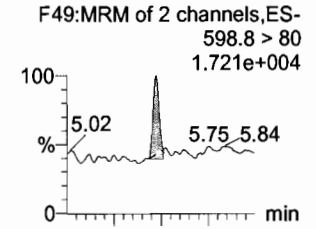
N-EtFOSAA



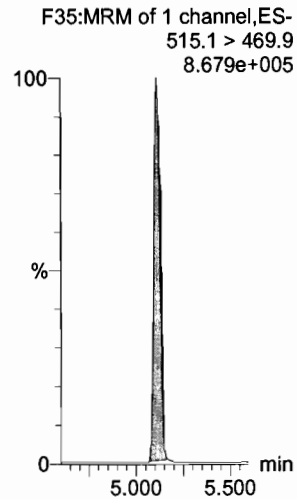
PFUdA



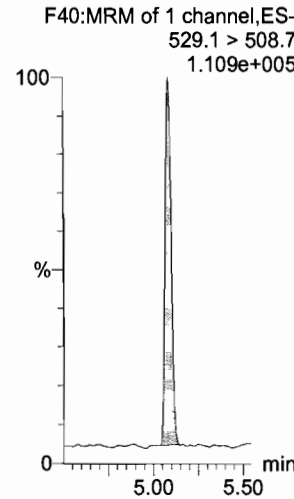
PFDS



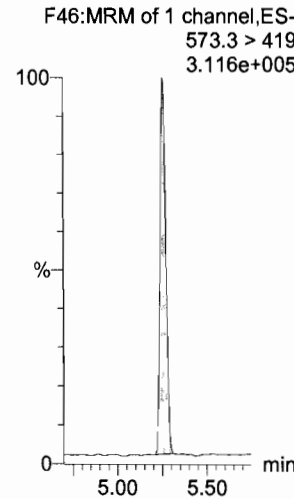
13C2-PFDA



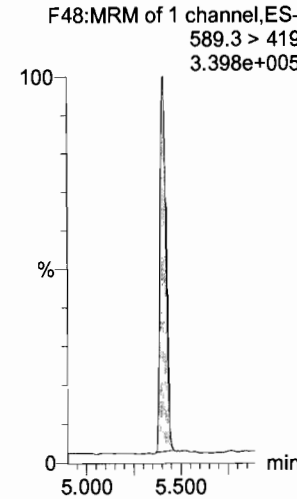
13C2-8:2 FTS



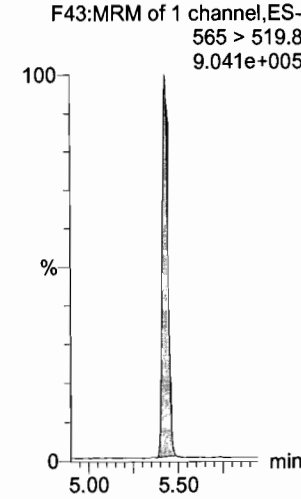
d3-N-MeFOSAA



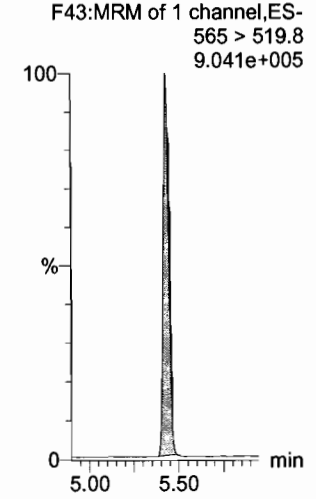
d5-N-EtFOSAA



13C2-PFUdA



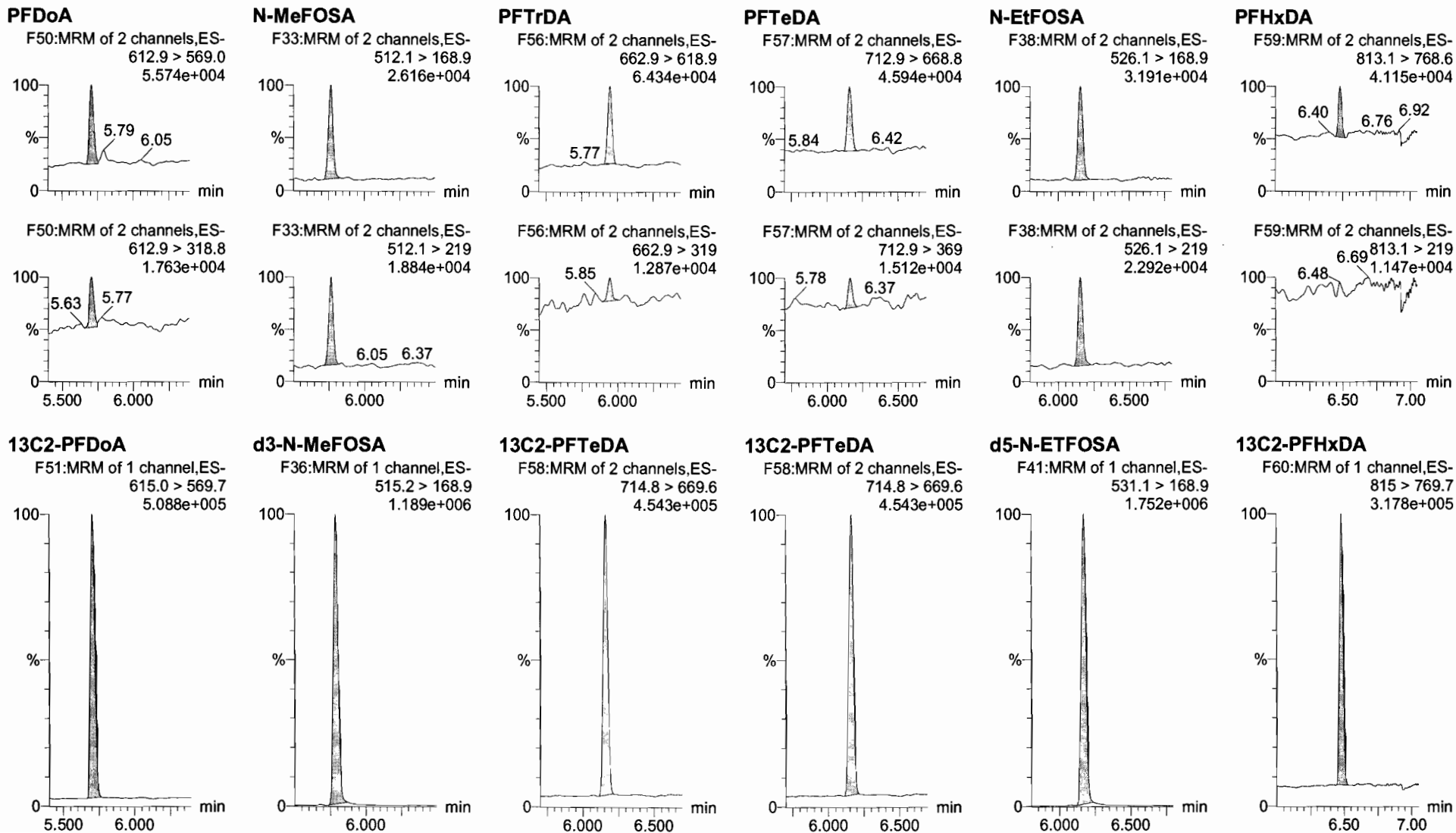
13C2-PFDS



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

Last Altered: Tuesday, December 26, 2017 14:25:27 Pacific Standard Time
Printed: Tuesday, December 26, 2017 14:27:31 Pacific Standard Time

Name: 171224M1_3, Date: 24-Dec-2017, Time: 12:47:59, ID: ST171224M1-2 PFC CS-1 17L1203, Description: PFC CS-1 17L1203

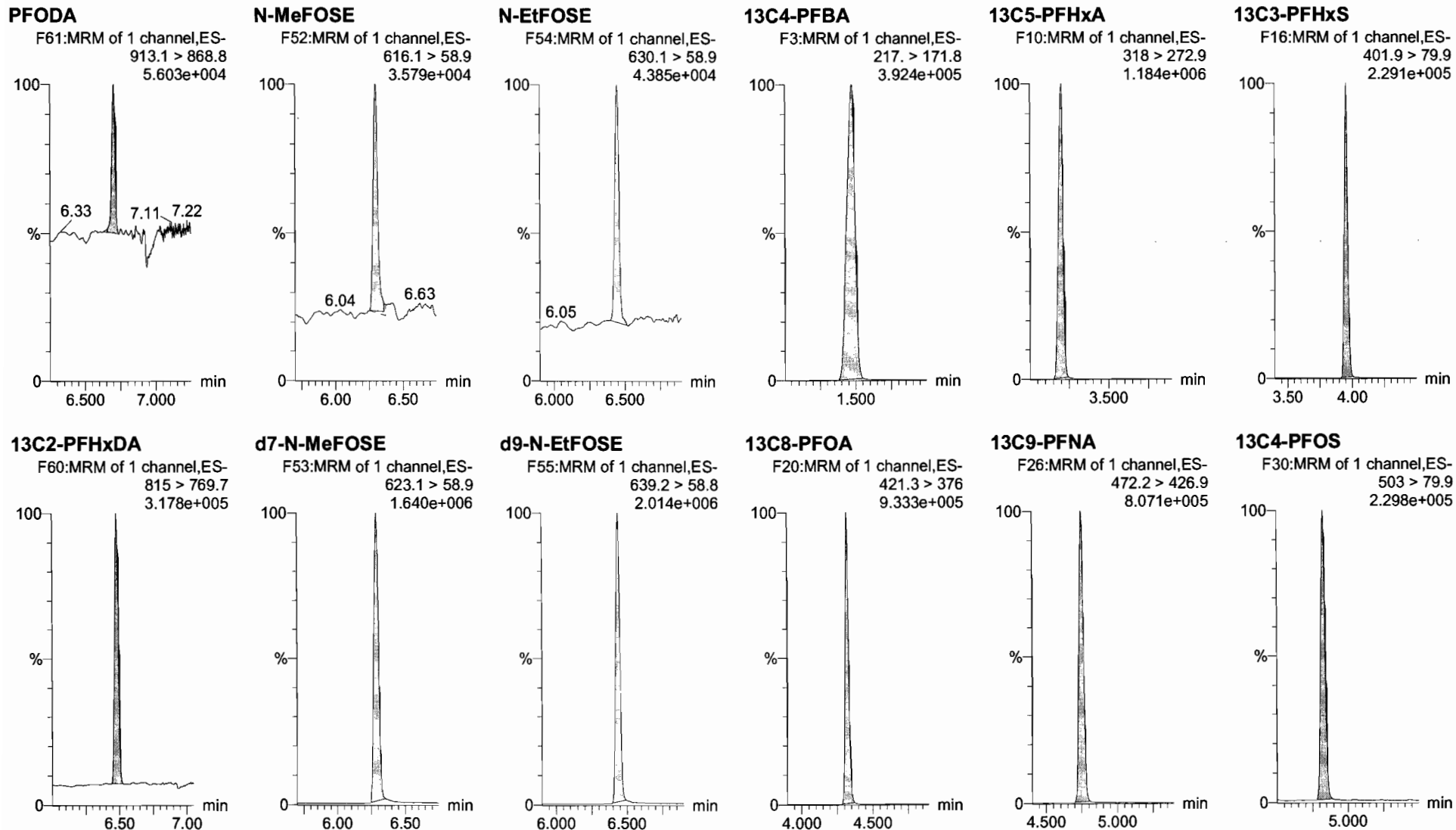


Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

Last Altered: Tuesday, December 26, 2017 14:25:27 Pacific Standard Time

Printed: Tuesday, December 26, 2017 14:27:31 Pacific Standard Time

Name: 171224M1_3, Date: 24-Dec-2017, Time: 12:47:59, ID: ST171224M1-2 PFC CS-1 17L1203, Description: PFC CS-1 17L1203



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

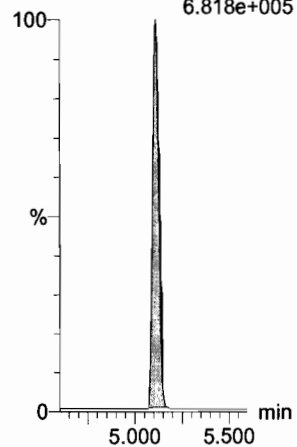
Last Altered: Tuesday, December 26, 2017 14:25:27 Pacific Standard Time

Printed: Tuesday, December 26, 2017 14:27:31 Pacific Standard Time

Name: 171224M1_3, Date: 24-Dec-2017, Time: 12:47:59, ID: ST171224M1-2 PFC CS-1 17L1203, Description: PFC CS-1 17L1203

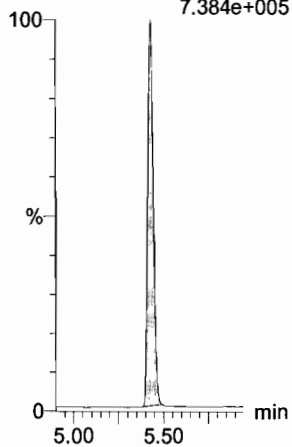
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
6.818e+005



13C7-PFUdA

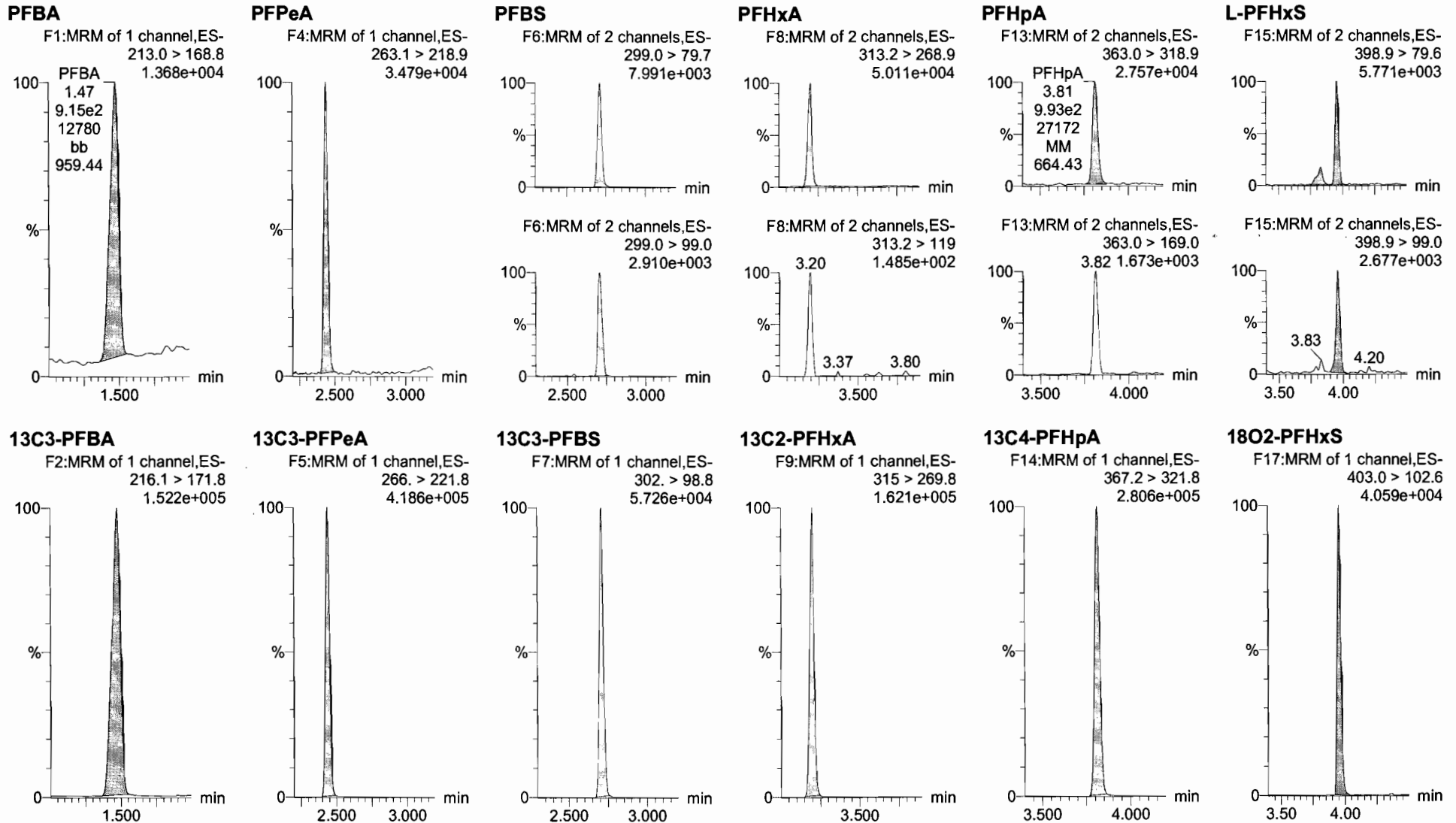
F45:MRM of 1 channel,ES-
570.1 > 524.8
7.384e+005



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

Last Altered: Tuesday, December 26, 2017 14:25:27 Pacific Standard Time
Printed: Tuesday, December 26, 2017 14:27:31 Pacific Standard Time

Name: 171224M1_4, Date: 24-Dec-2017, Time: 12:59:10, ID: ST171224M1-3 PFC CS0 17L1204, Description: PFC CS0 17L1204



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

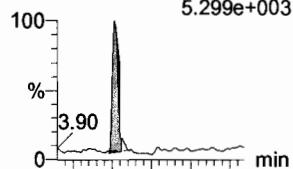
Last Altered: Tuesday, December 26, 2017 14:25:27 Pacific Standard Time

Printed: Tuesday, December 26, 2017 14:27:31 Pacific Standard Time

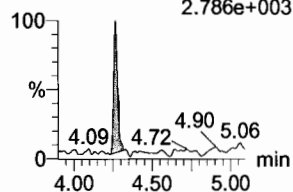
Name: 171224M1_4, Date: 24-Dec-2017, Time: 12:59:10, ID: ST171224M1-3 PFC CS0 17L1204, Description: PFC CS0 17L1204

6:2 FTS

F21:MRM of 2 channels,ES-
427.1 > 407
5.299e+003

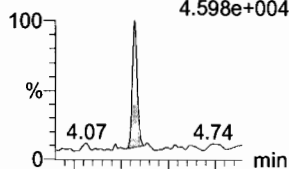


F21:MRM of 2 channels,ES-
427.1 > 80
2.786e+003

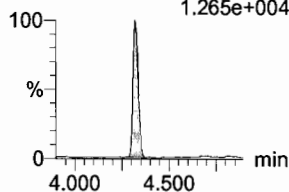


L-PFOA

F18:MRM of 2 channels,ES-
413 > 368.7
4.598e+004

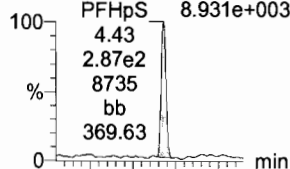


F18:MRM of 2 channels,ES-
413 > 169
1.265e+004

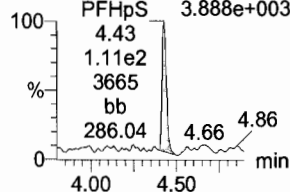


PFHpS

F23:MRM of 2 channels,ES-
449 > 80.0
8.931e+003

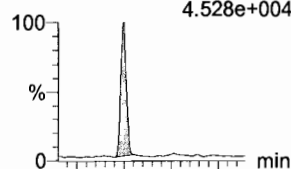


F23:MRM of 2 channels,ES-
449 > 98.7
3.888e+003

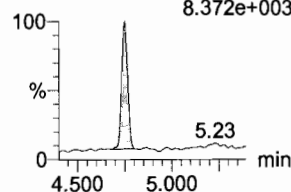


PFNA

F24:MRM of 2 channels,ES-
463.0 > 418.8
4.528e+004

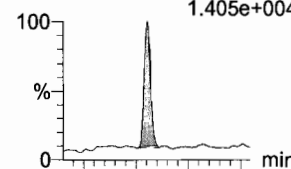


F24:MRM of 2 channels,ES-
463.0 > 219.0
8.372e+003

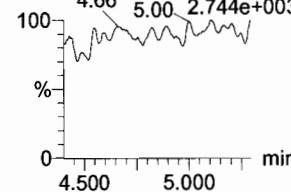


PFOSA

F27:MRM of 2 channels,ES-
498.1 > 77.8
1.405e+004

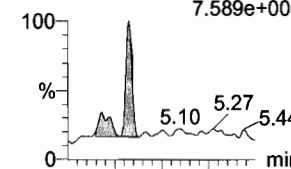


F27:MRM of 2 channels,ES-
498.1 > 478
2.744e+003

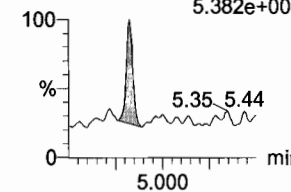


L-PFOS

F29:MRM of 2 channels,ES-
499 > 79.9
7.589e+003

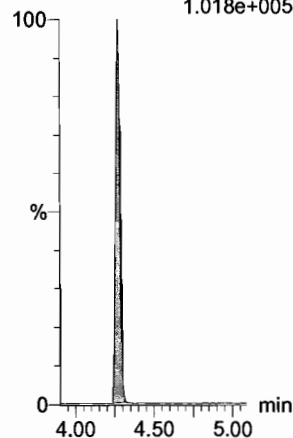


F29:MRM of 2 channels,ES-
499 > 99
5.382e+003



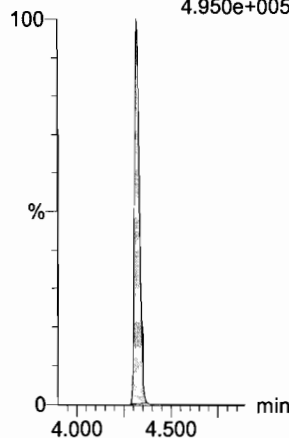
13C2-6:2 FTS

F22:MRM of 1 channel,ES-
429.1 > 408.9
1.018e+005



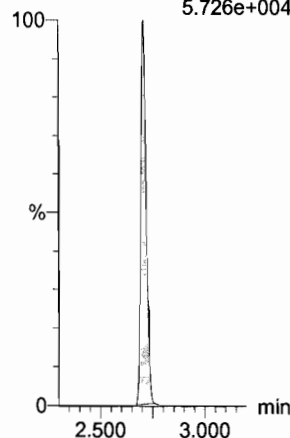
13C2-PFOA

F19:MRM of 1 channel,ES-
414.9 > 369.7
4.950e+005



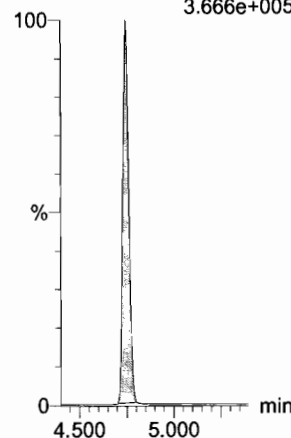
13C3-PFBS

F7:MRM of 1 channel,ES-
302. > 98.8
5.726e+004



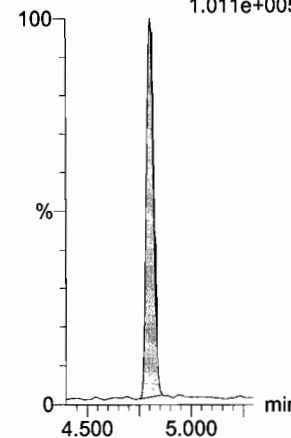
13C5-PFNA

F25:MRM of 1 channel,ES-
468.2 > 422.9
3.666e+005



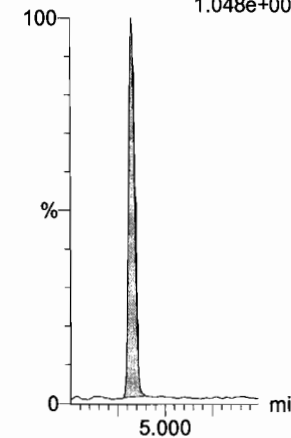
13C8-PFOA

F31:MRM of 1 channel,ES-
506.1 > 77.7
1.011e+005



13C8-PFOS

F32:MRM of 1 channel,ES-
507.0 > 79.9
1.048e+005



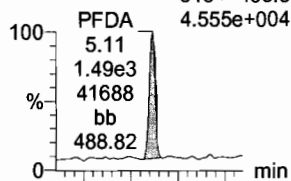
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Last Altered: Tuesday, December 26, 2017 14:25:27 Pacific Standard Time
Printed: Tuesday, December 26, 2017 14:27:31 Pacific Standard Time

Name: 171224M1_4, Date: 24-Dec-2017, Time: 12:59:10, ID: ST171224M1-3 PFC CS0 17L1204, Description: PFC CS0 17L1204

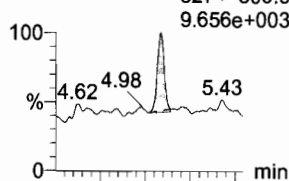
PFDA

F34:MRM of 2 channels,ES-
513 > 468.8
4.555e+004



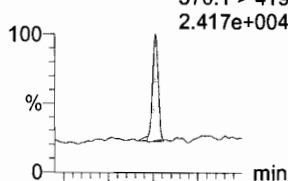
8:2 FTS

F39:MRM of 2 channels,ES-
527 > 506.9
9.656e+003



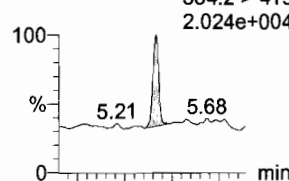
N-MeFOSAA

F44:MRM of 2 channels,ES-
570.1 > 419
2.417e+004



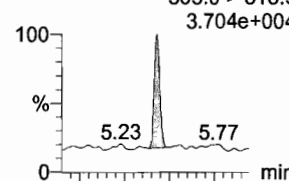
N-EtFOSAA

F47:MRM of 2 channels,ES-
584.2 > 419
2.024e+004



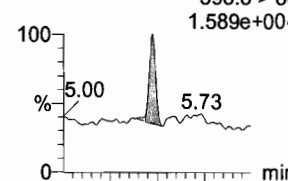
PFUdA

F42:MRM of 2 channels,ES-
563.0 > 518.9
3.704e+004

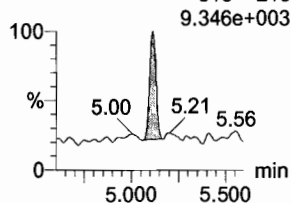


PFDS

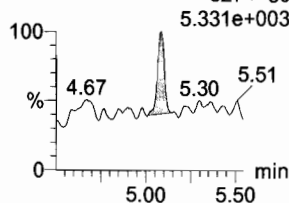
F49:MRM of 2 channels,ES-
598.8 > 80
1.589e+004



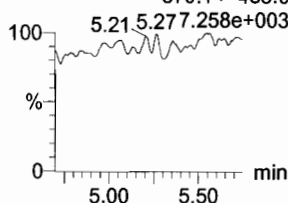
F34:MRM of 2 channels,ES-
513 > 219
9.346e+003



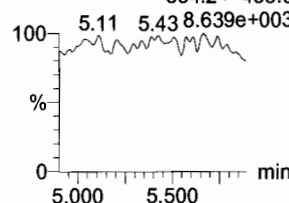
F39:MRM of 2 channels,ES-
527 > 80
5.331e+003



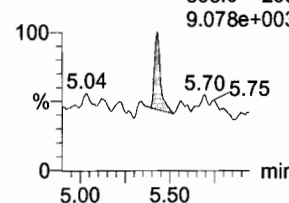
F44:MRM of 2 channels,ES-
570.1 > 483.0
5.21 5.277.258e+003



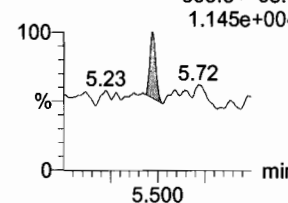
F47:MRM of 2 channels,ES-
584.2 > 483.0
5.11 5.43 8.639e+003



F42:MRM of 2 channels,ES-
563.0 > 269
9.078e+003

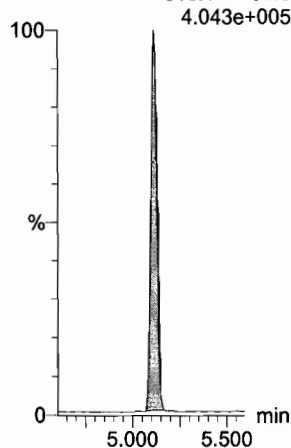


F49:MRM of 2 channels,ES-
598.8 > 98.7
1.145e+004



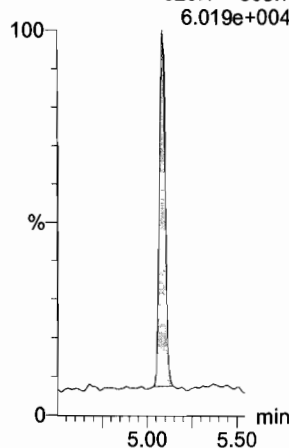
13C2-PFDA

F35:MRM of 1 channel,ES-
515.1 > 469.9
4.043e+005



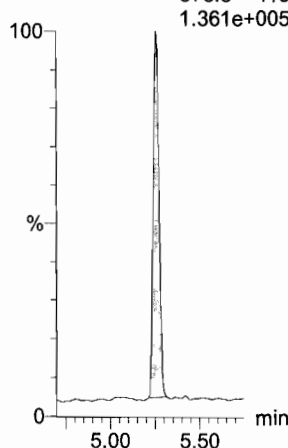
13C2-8:2 FTS

F40:MRM of 1 channel,ES-
529.1 > 508.7
6.019e+004



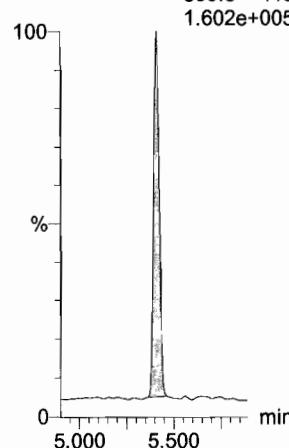
d3-N-MeFOSAA

F46:MRM of 1 channel,ES-
573.3 > 419
1.361e+005



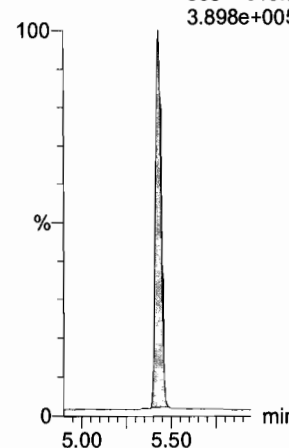
d5-N-EtFOSAA

F48:MRM of 1 channel,ES-
589.3 > 419
1.602e+005



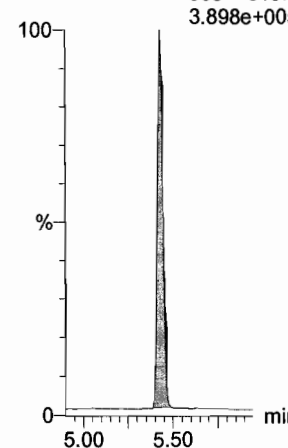
13C2-PFUdA

F43:MRM of 1 channel,ES-
565 > 519.8
3.898e+005



13C2-PFUdA

F43:MRM of 1 channel,ES-
565 > 519.8
3.898e+005



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

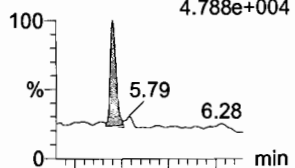
Last Altered: Tuesday, December 26, 2017 14:25:27 Pacific Standard Time

Printed: Tuesday, December 26, 2017 14:27:31 Pacific Standard Time

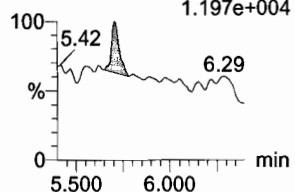
Name: 171224M1_4, Date: 24-Dec-2017, Time: 12:59:10, ID: ST171224M1-3 PFC CS0 17L1204, Description: PFC CS0 17L1204

PFDoA

F50:MRM of 2 channels,ES-
612.9 > 569.0
4.788e+004

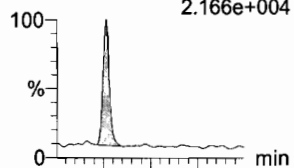


F50:MRM of 2 channels,ES-
612.9 > 318.8
1.197e+004

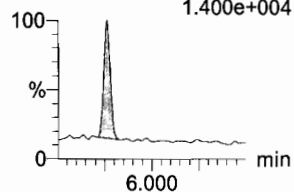


N-MeFOSA

F33:MRM of 2 channels,ES-
512.1 > 168.9
2.166e+004

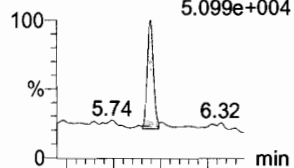


F33:MRM of 2 channels,ES-
512.1 > 219
1.400e+004

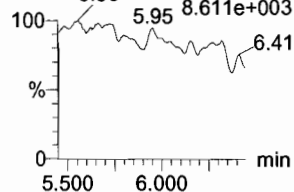


PFTrDA

F56:MRM of 2 channels,ES-
662.9 > 618.9
5.099e+004

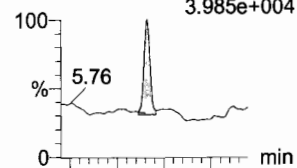


F56:MRM of 2 channels,ES-
662.9 > 319
8.611e+003

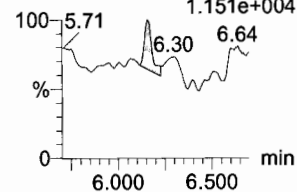


PFTeDA

F57:MRM of 2 channels,ES-
712.9 > 668.8
3.985e+004

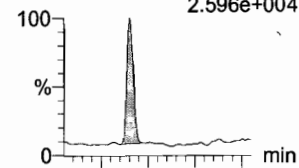


F57:MRM of 2 channels,ES-
712.9 > 369
1.151e+004

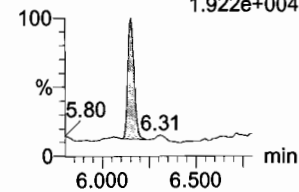


N-EtFOSA

F38:MRM of 2 channels,ES-
526.1 > 168.9
2.596e+004

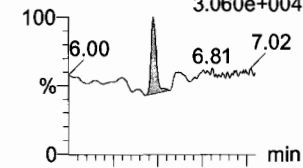


F38:MRM of 2 channels,ES-
526.1 > 219
1.922e+004

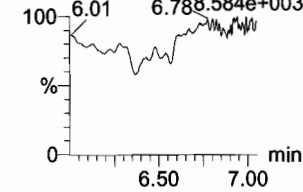


PFHxDA

F59:MRM of 2 channels,ES-
813.1 > 768.6
3.060e+004

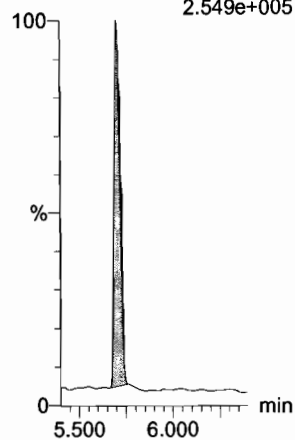


F59:MRM of 2 channels,ES-
813.1 > 219
1.922e+004



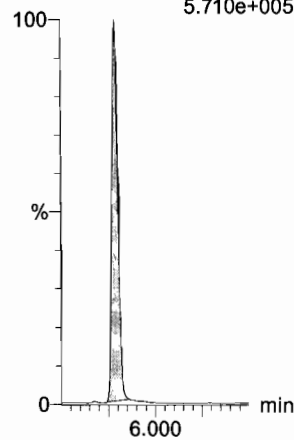
13C2-PFDoA

F51:MRM of 1 channel,ES-
615.0 > 569.7
2.549e+005



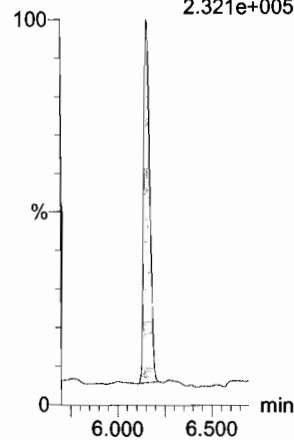
d3-N-MeFOSA

F36:MRM of 1 channel,ES-
515.2 > 168.9
5.710e+005



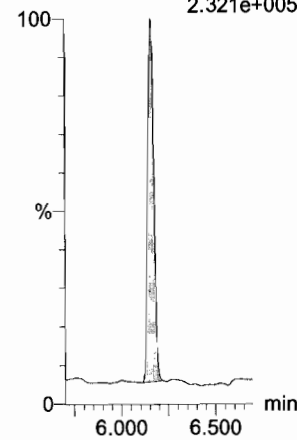
13C2-PFTeDA

F58:MRM of 2 channels,ES-
714.8 > 669.6
2.321e+005



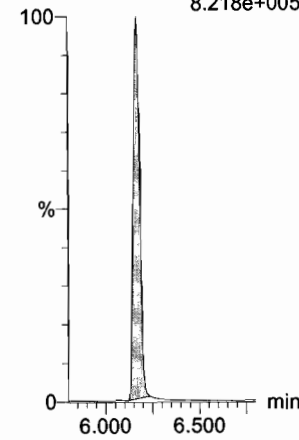
13C2-PFTeDA

F58:MRM of 2 channels,ES-
714.8 > 669.6
2.321e+005



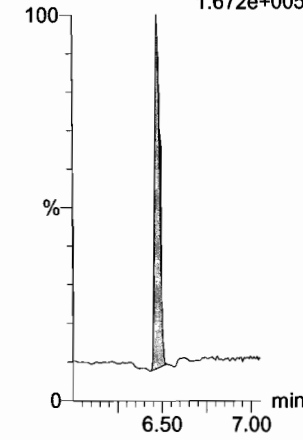
d5-N-ETFOSA

F41:MRM of 1 channel,ES-
531.1 > 168.9
8.218e+005



13C2-PFHxDA

F60:MRM of 1 channel,ES-
815 > 769.7
1.672e+005



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

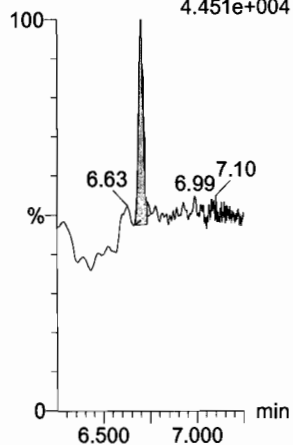
Last Altered: Tuesday, December 26, 2017 14:25:27 Pacific Standard Time

Printed: Tuesday, December 26, 2017 14:27:31 Pacific Standard Time

Name: 171224M1_4, Date: 24-Dec-2017, Time: 12:59:10, ID: ST171224M1-3 PFC CS0 17L1204, Description: PFC CS0 17L1204

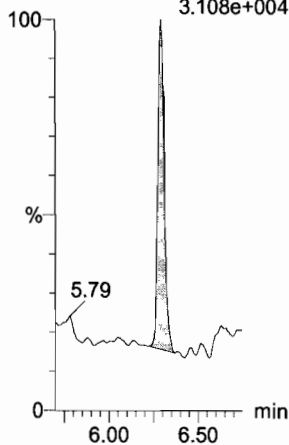
PFODA

F61:MRM of 1 channel,ES-
913.1 > 868.8
4.451e+004



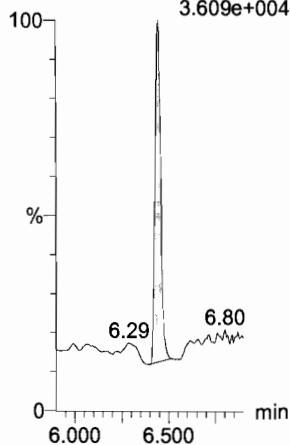
N-MeFOSE

F52:MRM of 1 channel,ES-
616.1 > 58.9
3.108e+004



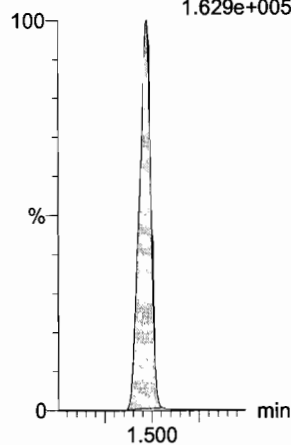
N-EtFOSE

F54:MRM of 1 channel,ES-
630.1 > 58.9
3.609e+004



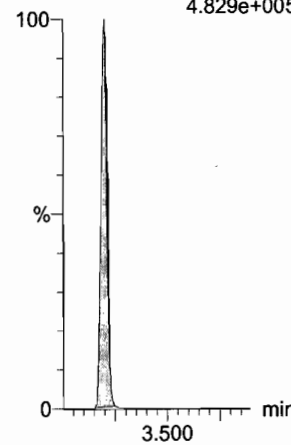
13C4-PFBA

F3:MRM of 1 channel,ES-
217. > 171.8
1.629e+005



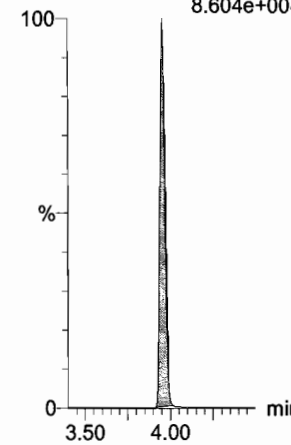
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
4.829e+005



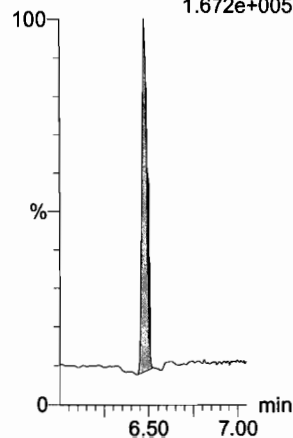
13C3-PFHxS

F16:MRM of 1 channel,ES-
401.9 > 79.9
8.604e+004



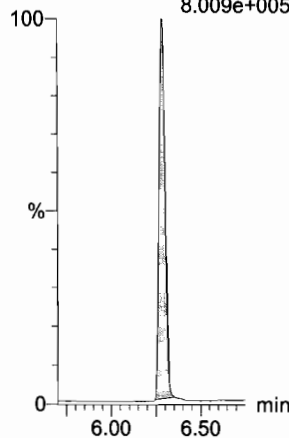
13C2-PFHxDA

F60:MRM of 1 channel,ES-
815 > 769.7
1.672e+005



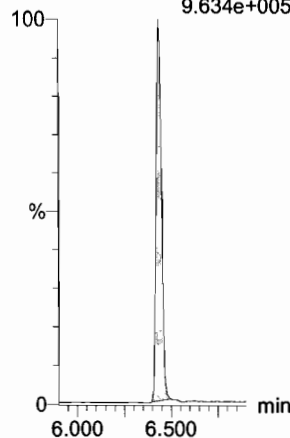
d7-N-MeFOSE

F53:MRM of 1 channel,ES-
623.1 > 58.9
8.009e+005



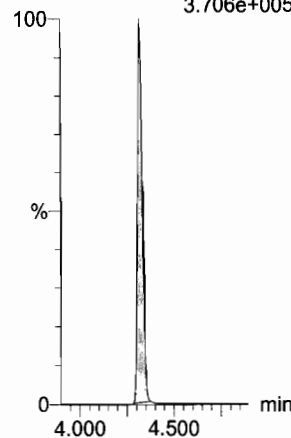
d9-N-EtFOSE

F55:MRM of 1 channel,ES-
639.2 > 58.8
9.634e+005



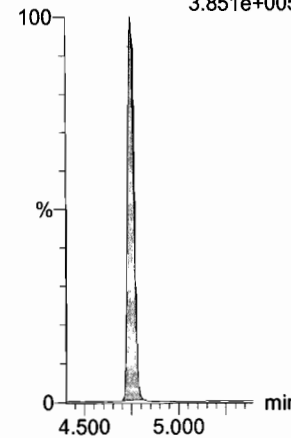
13C8-PFOA

F20:MRM of 1 channel,ES-
421.3 > 376
3.706e+005



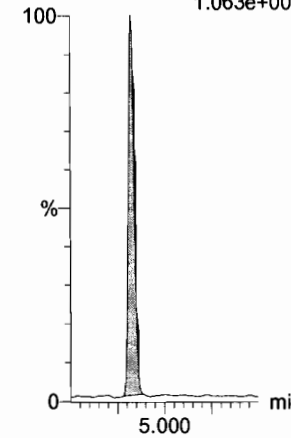
13C9-PFNA

F26:MRM of 1 channel,ES-
472.2 > 426.9
3.851e+005



13C4-PFOS

F30:MRM of 1 channel,ES-
503 > 79.9
1.063e+005



Dataset: U:\Q4.PRO\results\171224M1\171224M1_cvB.qld

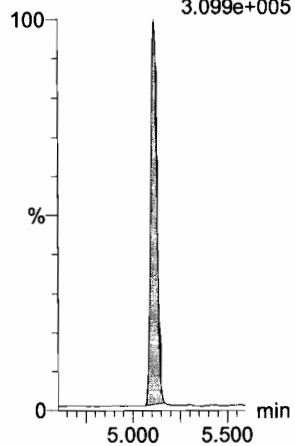
Last Altered: Tuesday, December 26, 2017 14:25:27 Pacific Standard Time

Printed: Tuesday, December 26, 2017 14:27:31 Pacific Standard Time

Name: 171224M1_4, Date: 24-Dec-2017, Time: 12:59:10, ID: ST171224M1-3 PFC CS0 17L1204, Description: PFC CS0 17L1204

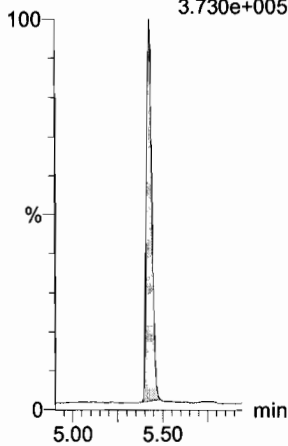
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
3.099e+005



13C7-PFudA

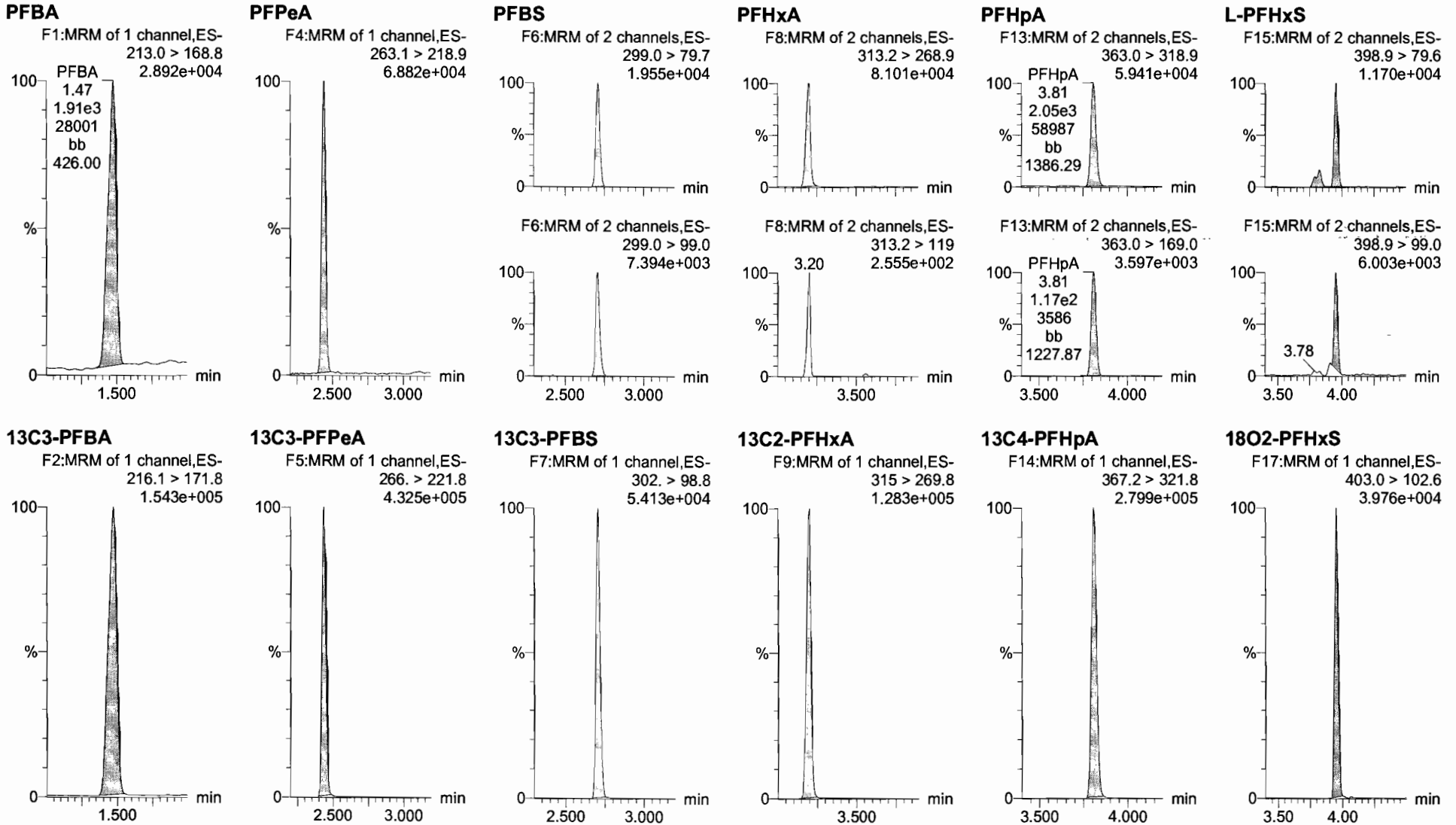
F45:MRM of 1 channel,ES-
570.1 > 524.8
3.730e+005



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Last Altered: Tuesday, December 26, 2017 14:25:27 Pacific Standard Time
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Name: 171224M1_5, Date: 24-Dec-2017, Time: 13:10:21, ID: ST171224M1-4 PFC CS1 17L1205, Description: PFC CS1 17L1205

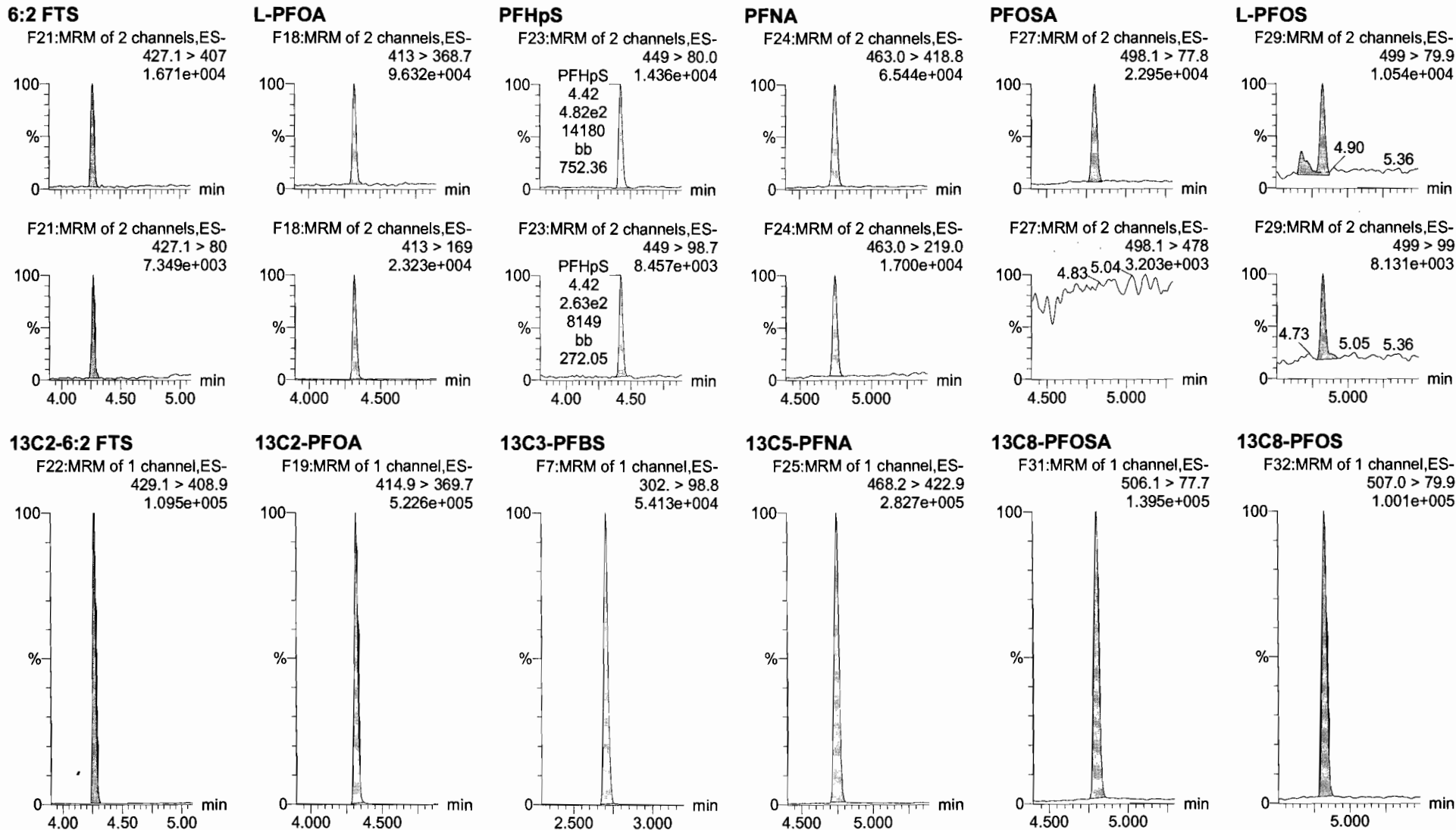


Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

Last Altered: Tuesday, December 26, 2017 14:25:27 Pacific Standard Time

Printed: Tuesday, December 26, 2017 14:27:31 Pacific Standard Time

Name: 171224M1_5, Date: 24-Dec-2017, Time: 13:10:21, ID: ST171224M1-4 PFC CS1 17L1205, Description: PFC CS1 17L1205



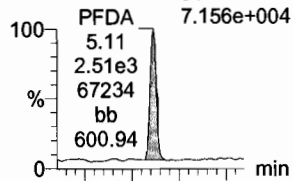
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Last Altered: Tuesday, December 26, 2017 14:25:27 Pacific Standard Time
Printed: Tuesday, December 26, 2017 14:27:31 Pacific Standard Time

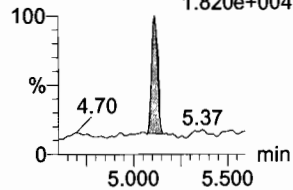
Name: 171224M1_5, Date: 24-Dec-2017, Time: 13:10:21, ID: ST171224M1-4 PFC CS1 17L1205, Description: PFC CS1 17L1205

PFDA

F34:MRM of 2 channels,ES-
513 > 468.8
7.156e+004

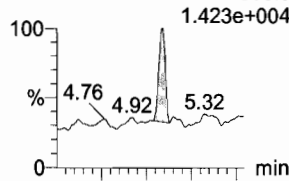


F34:MRM of 2 channels,ES-
513 > 219
1.820e+004

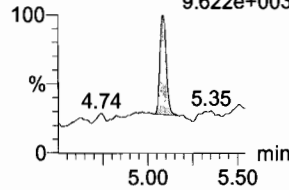


8:2 FTS

F39:MRM of 2 channels,ES-
527 > 506.9
1.423e+004

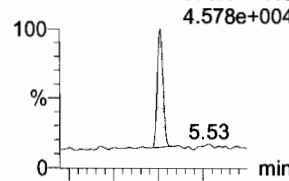


F39:MRM of 2 channels,ES-
527 > 80
9.622e+003

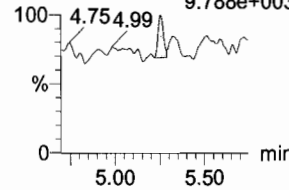


N-MeFOSAA

F44:MRM of 2 channels,ES-
570.1 > 419
4.578e+004

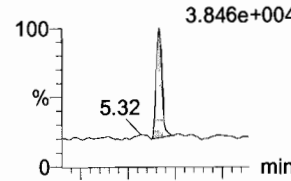


F44:MRM of 2 channels,ES-
570.1 > 483.0
9.788e+003

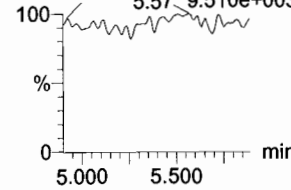


N-EtFOSAA

F47:MRM of 2 channels,ES-
584.2 > 419
3.846e+004

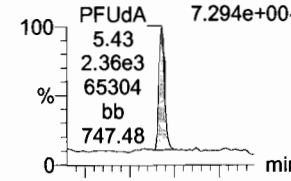


F47:MRM of 2 channels,ES-
584.2 > 483.0
9.510e+003

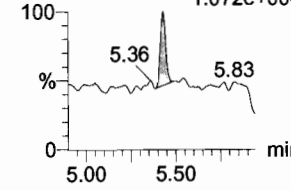


PFUdA

F42:MRM of 2 channels,ES-
563.0 > 518.9
7.294e+004

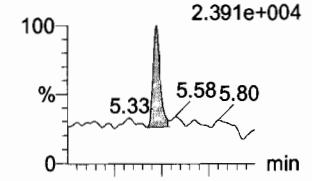


F42:MRM of 2 channels,ES-
563.0 > 269
1.072e+004

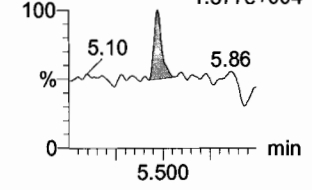


PFDS

F49:MRM of 2 channels,ES-
598.8 > 80
2.391e+004

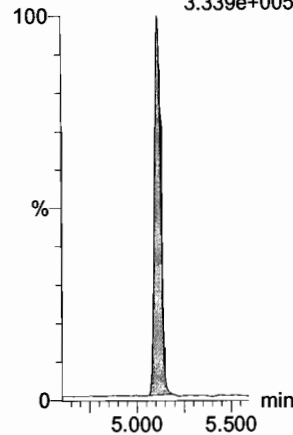


F49:MRM of 2 channels,ES-
598.8 > 98.7
1.377e+004



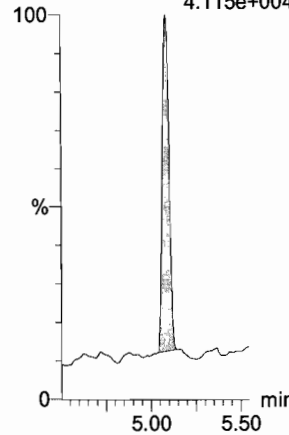
13C2-PFDA

F35:MRM of 1 channel,ES-
515.1 > 469.9
3.339e+005



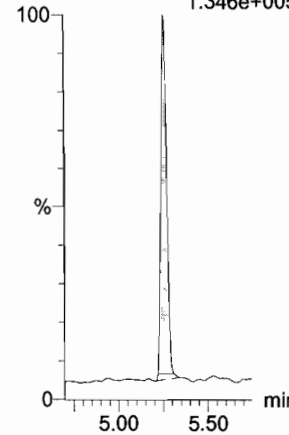
13C2-8:2 FTS

F40:MRM of 1 channel,ES-
529.1 > 508.7
4.115e+004



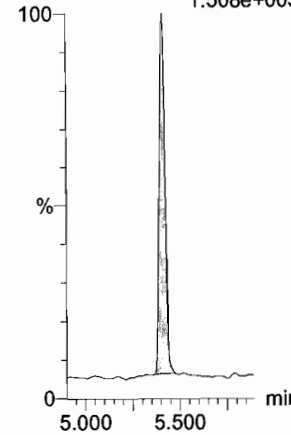
d3-N-MeFOSAA

F46:MRM of 1 channel,ES-
573.3 > 419
1.346e+005



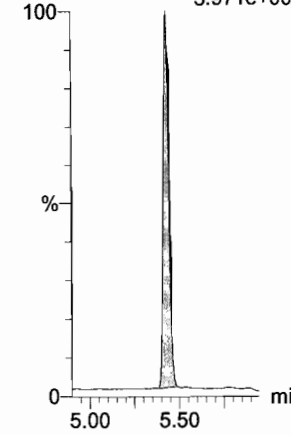
d5-N-EtFOSAA

F48:MRM of 1 channel,ES-
589.3 > 419
1.508e+005



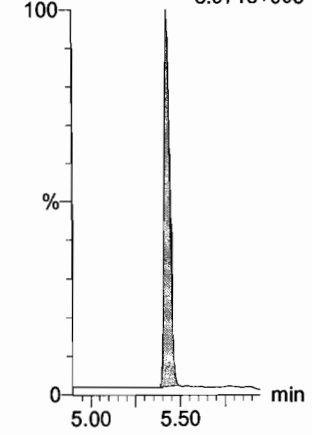
13C2-PFUdA

F43:MRM of 1 channel,ES-
565 > 519.8
3.971e+005



13C2-PFUdA

F43:MRM of 1 channel,ES-
565 > 519.8
3.971e+005



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

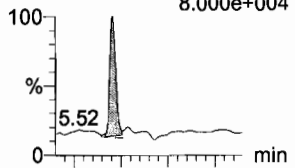
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Printed: Tuesday, December 26, 2017 14:27:31 Pacific Standard Time

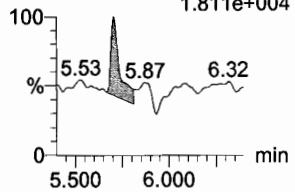
Name: 171224M1_5, Date: 24-Dec-2017, Time: 13:10:21, ID: ST171224M1-4 PFC CS1 17L1205, Description: PFC CS1 17L1205

PFD_oA

F50:MRM of 2 channels,ES-
612.9 > 569.0
8.000e+004

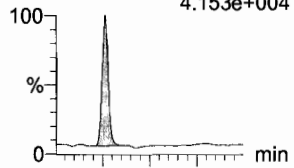


F50:MRM of 2 channels,ES-
612.9 > 318.8
1.811e+004

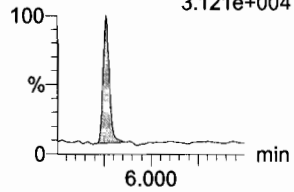


N-MeFOSA

F33:MRM of 2 channels,ES-
512.1 > 168.9
4.153e+004

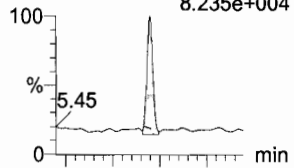


F33:MRM of 2 channels,ES-
512.1 > 219
3.121e+004

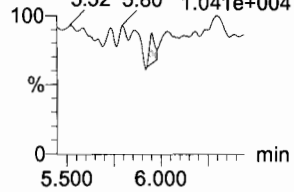


PFT_rDA

F56:MRM of 2 channels,ES-
662.9 > 618.9
8.235e+004

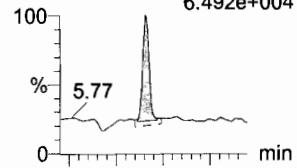


F56:MRM of 2 channels,ES-
662.9 > 319
1.041e+004

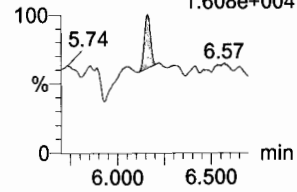


PFT_eDA

F57:MRM of 2 channels,ES-
712.9 > 668.8
6.492e+004

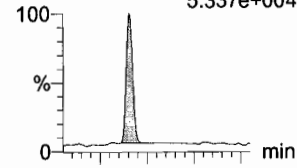


F57:MRM of 2 channels,ES-
712.9 > 369
1.608e+004

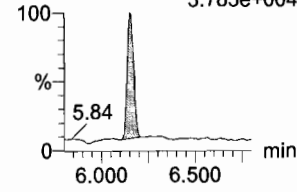


N-EtFOSA

F38:MRM of 2 channels,ES-
526.1 > 168.9
5.337e+004

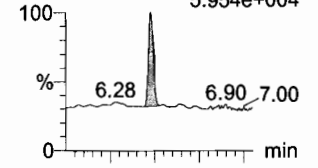


F38:MRM of 2 channels,ES-
526.1 > 219
3.783e+004

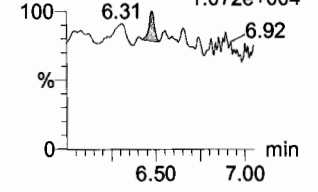


PFH_xDA

F59:MRM of 2 channels,ES-
813.1 > 768.6
5.954e+004

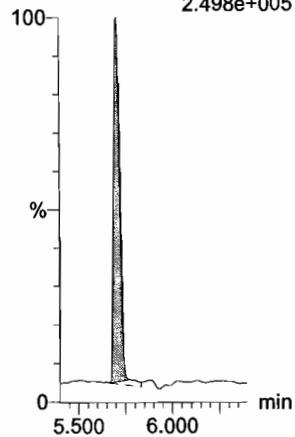


F59:MRM of 2 channels,ES-
813.1 > 219
1.072e+004



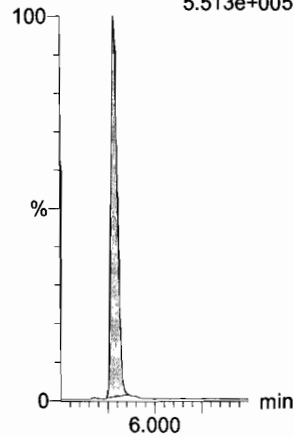
13C₂-PFD_oA

F51:MRM of 1 channel,ES-
615.0 > 569.7
2.498e+005



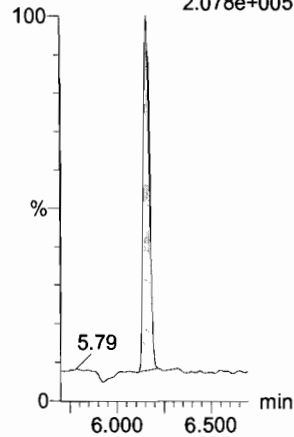
d₃-N-MeFOSA

F36:MRM of 1 channel,ES-
515.2 > 168.9
5.513e+005



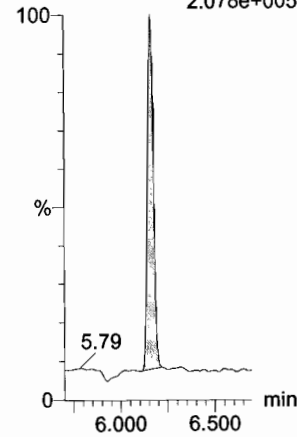
13C₂-PFT_eDA

F58:MRM of 2 channels,ES-
714.8 > 669.6
2.078e+005



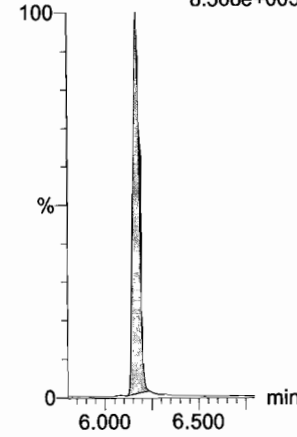
13C₂-PFT_eDA

F58:MRM of 2 channels,ES-
714.8 > 669.6
2.078e+005



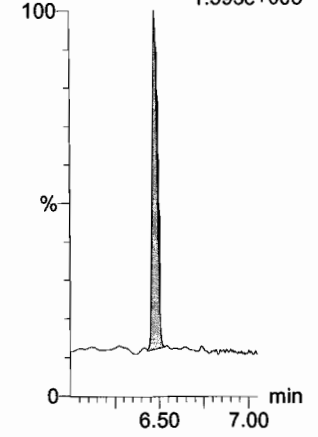
d₅-N-ETFOSA

F41:MRM of 1 channel,ES-
531.1 > 168.9
8.568e+005



13C₂-PFH_xDA

F60:MRM of 1 channel,ES-
815 > 769.7
1.593e+005

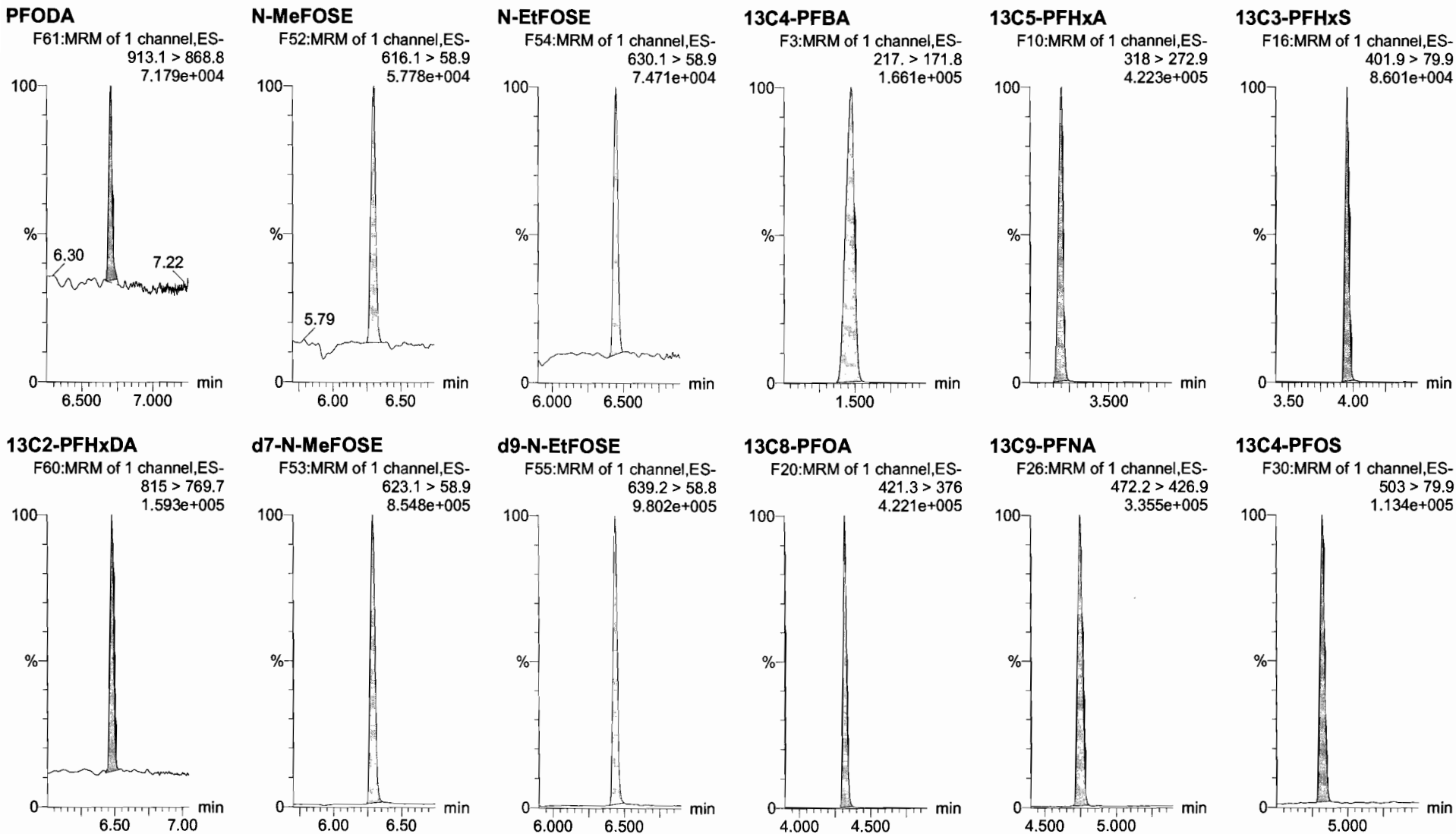


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Last Altered: Tuesday, December 26, 2017 14:25:27 Pacific Standard Time

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Name: 171224M1_5, Date: 24-Dec-2017, Time: 13:10:21, ID: ST171224M1-4 PFC CS1 17L1205, Description: PFC CS1 17L1205



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

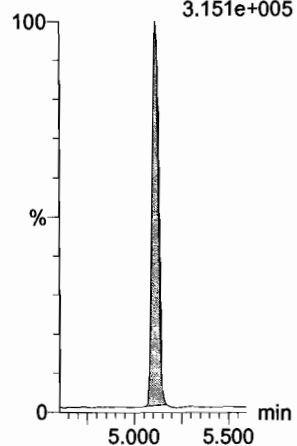
Last Altered: Tuesday, December 26, 2017 14:25:27 Pacific Standard Time

Printed: Tuesday, December 26, 2017 14:27:31 Pacific Standard Time

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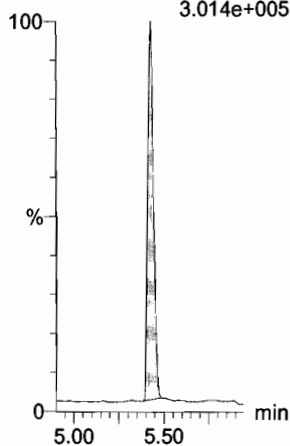
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
3.151e+005



13C7-PFUdA

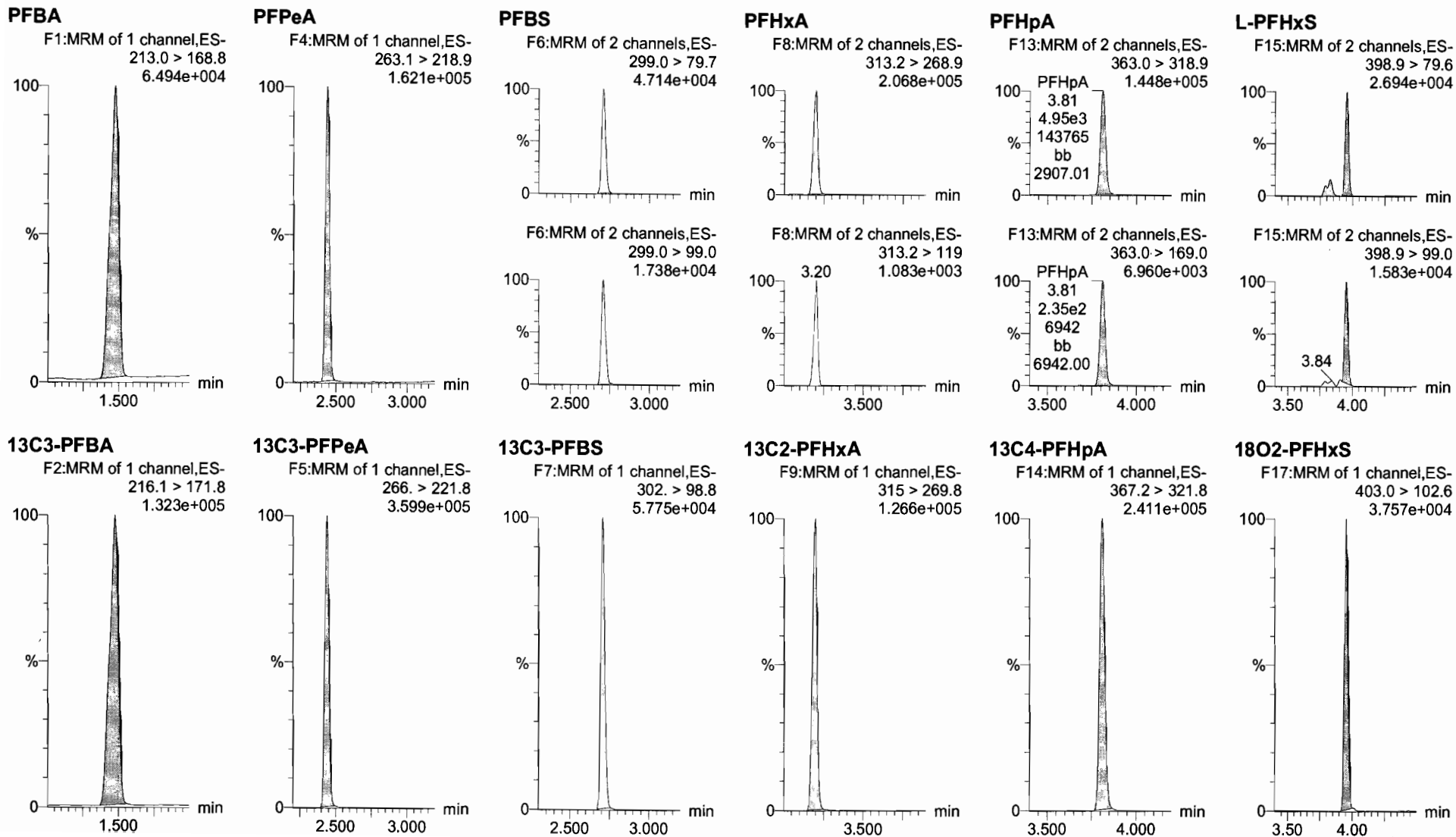
F45:MRM of 1 channel,ES-
570.1 > 524.8
3.014e+005



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Name: 171224M1_6, Date: 24-Dec-2017, Time: 13:21:32, ID: ST171224M1-5 PFC CS2 17L1802, Description: PFC CS2 17L1802

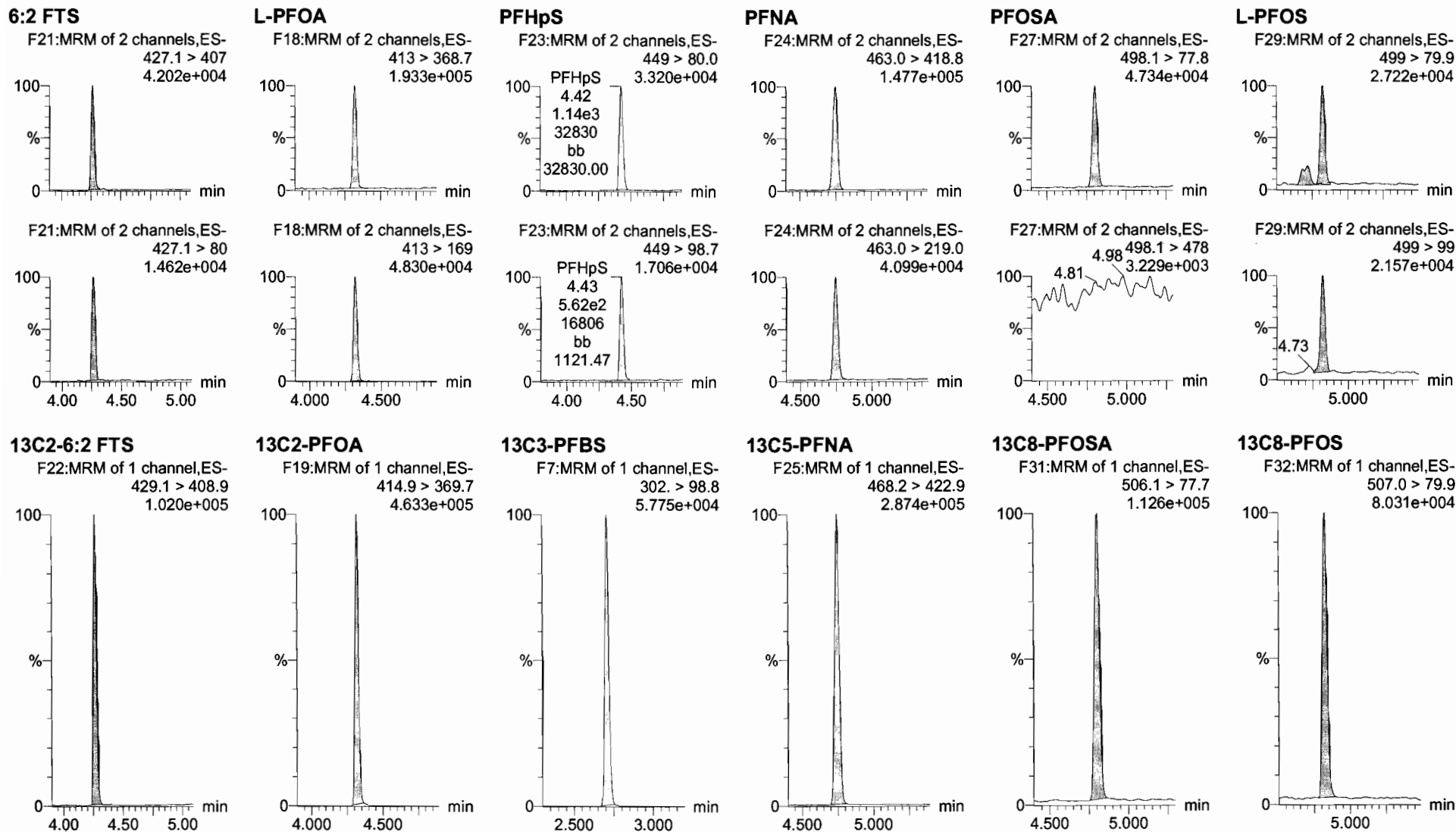


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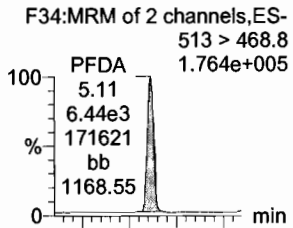
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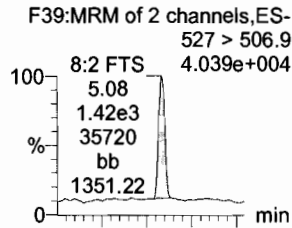
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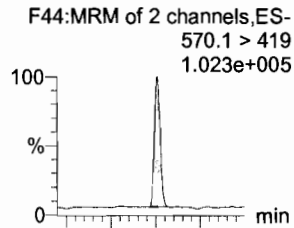
PFDA



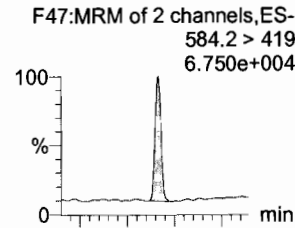
8:2 FTS



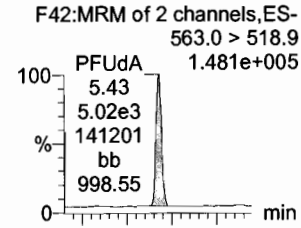
N-MeFOSAA



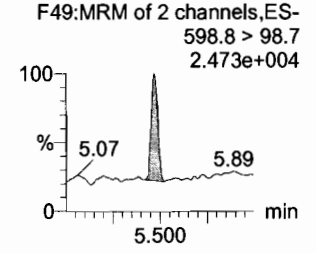
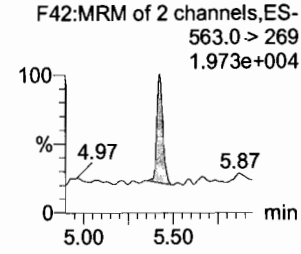
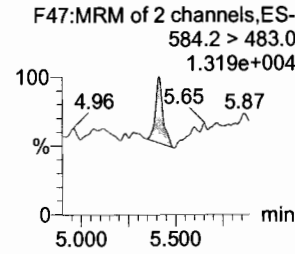
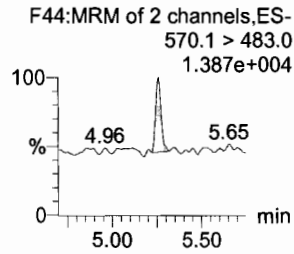
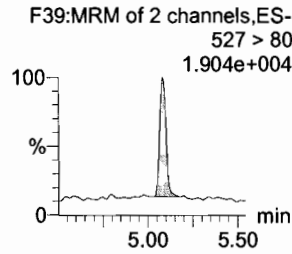
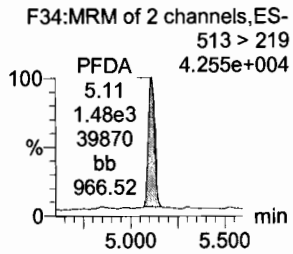
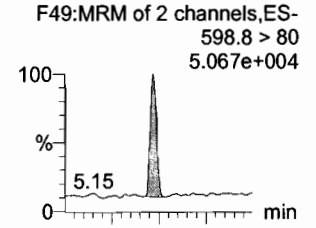
N-EtFOSAA



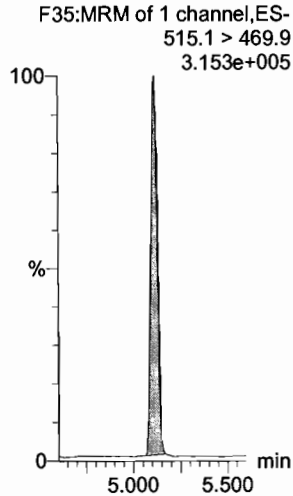
PFUdA



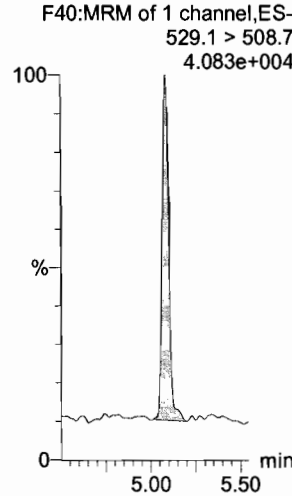
PFDS



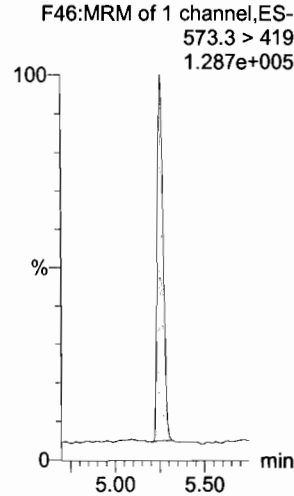
13C2-PFDA



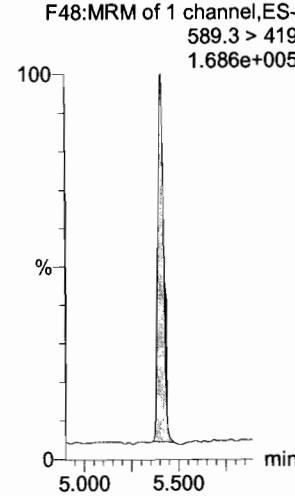
13C2-8:2 FTS



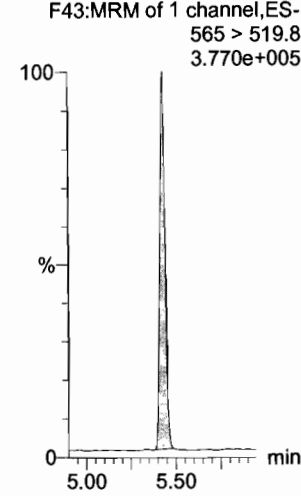
d3-N-MeFOSAA



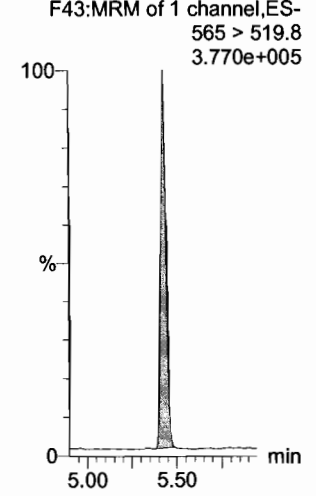
d5-N-EtFOSAA



13C2-PFUdA



13C2-PFUDa

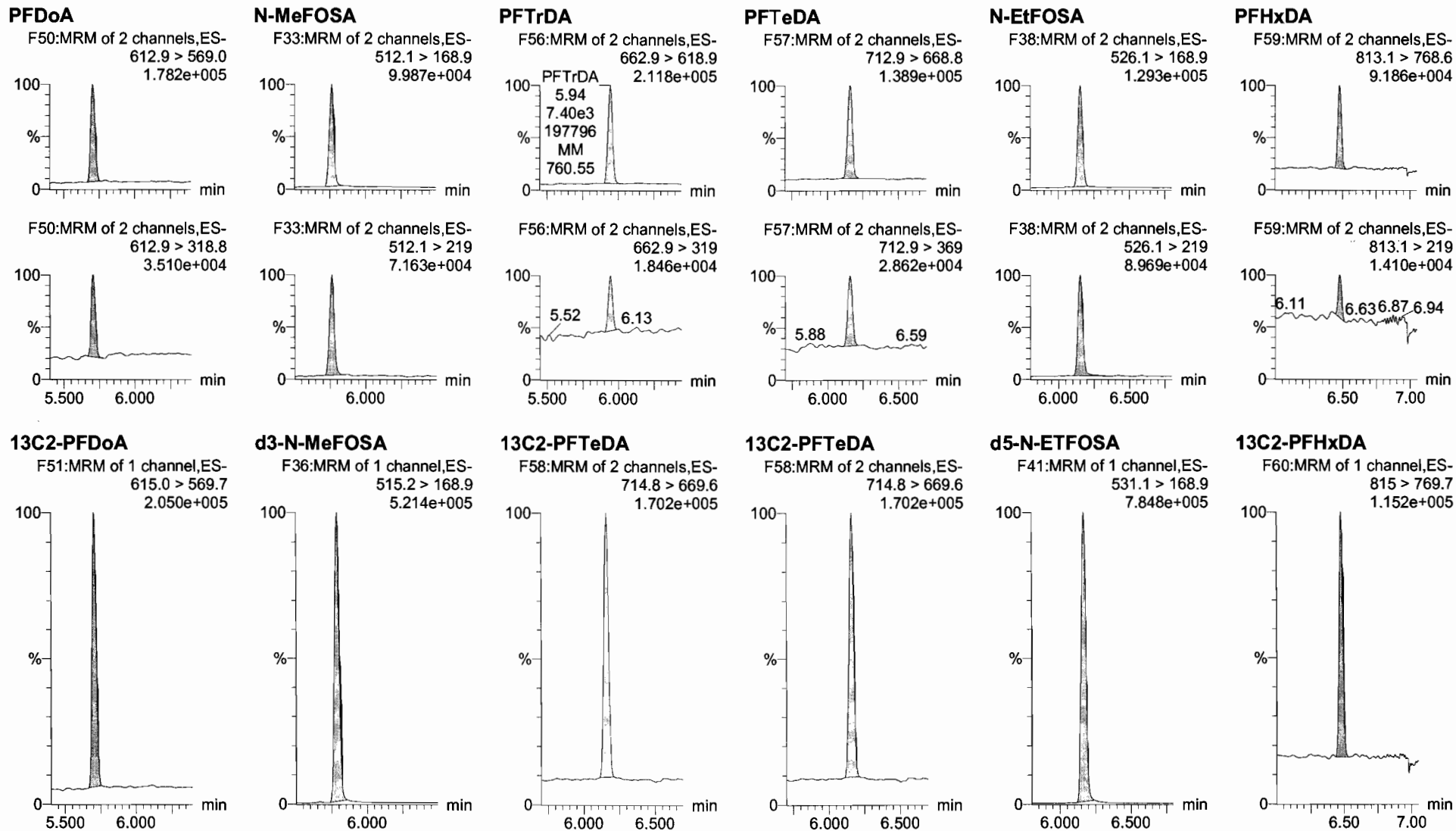


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Name: 171224M1_6, Date: 24-Dec-2017, Time: 13:21:32, ID: ST171224M1-5 PFC CS2 17L1802, Description: PFC CS2 17L1802

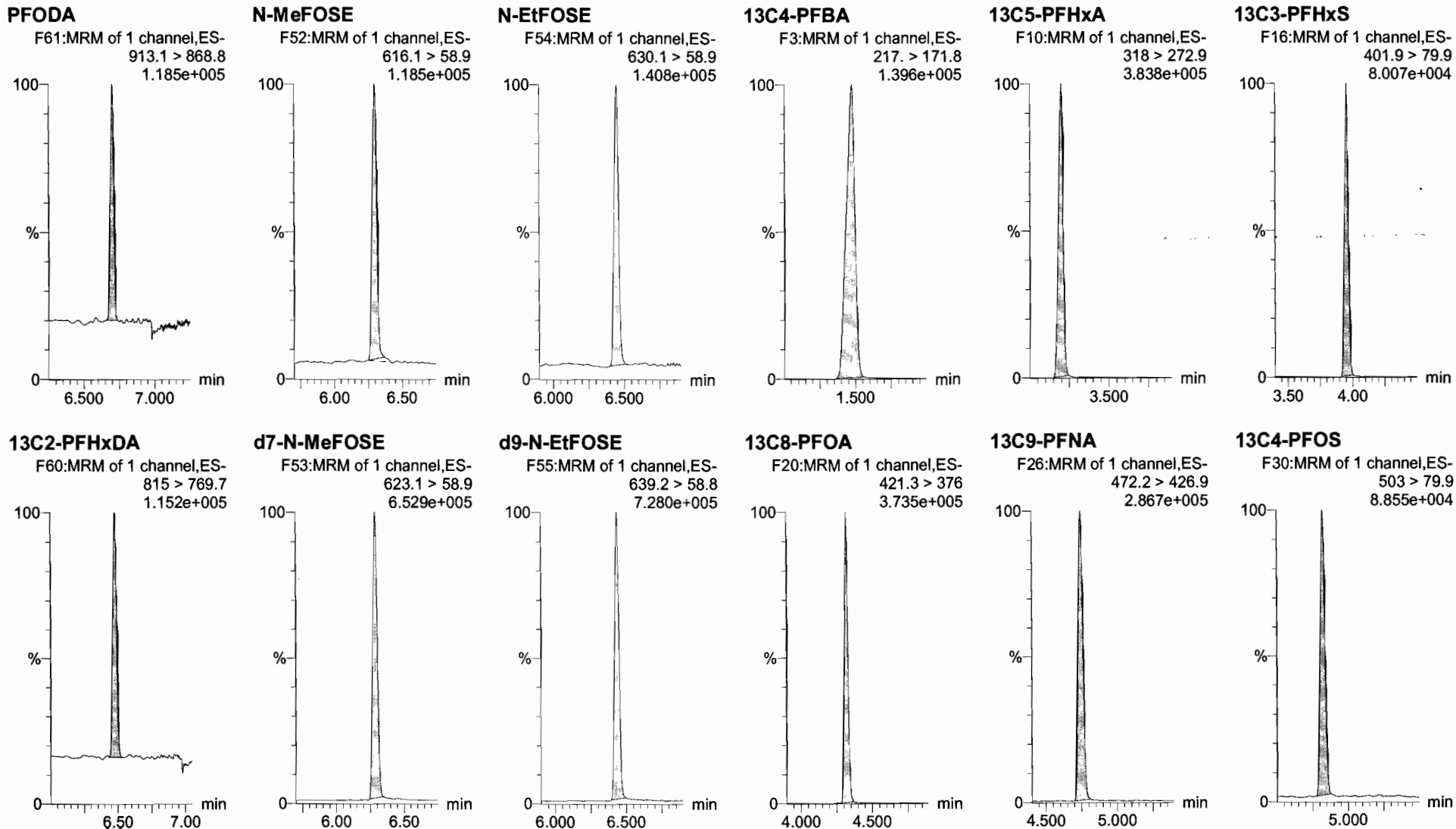


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Last Altered: Tuesday, December 26, 2017 14:25:27 Pacific Standard Time

Printed: Tuesday, December 26, 2017 14:27:31 Pacific Standard Time

Name: 171224M1_6, Date: 24-Dec-2017, Time: 13:21:32, ID: ST171224M1-5 PFC CS2 17L1802, Description: PFC CS2 17L1802

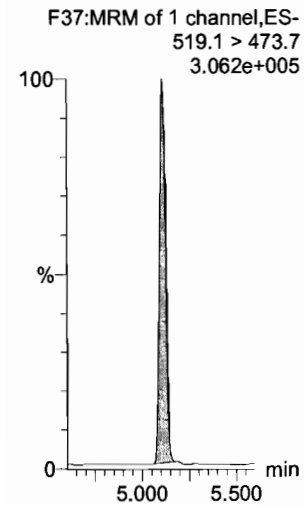


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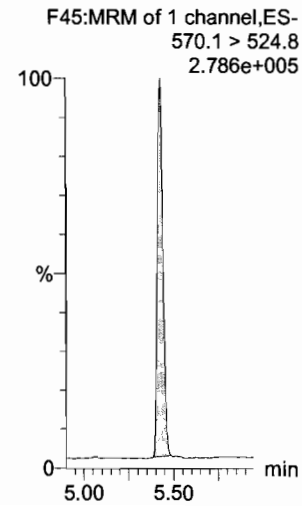
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Printed: Tuesday, December 26, 2017 14:27:31 Pacific Standard Time

Name: 171224M1_6, Date: 24-Dec-2017, Time: 13:21:32, ID: ST171224M1-5 PFC CS2 17L1802, Description: PFC CS2 17L1802

13C6-PFDA



13C7-PFUdA

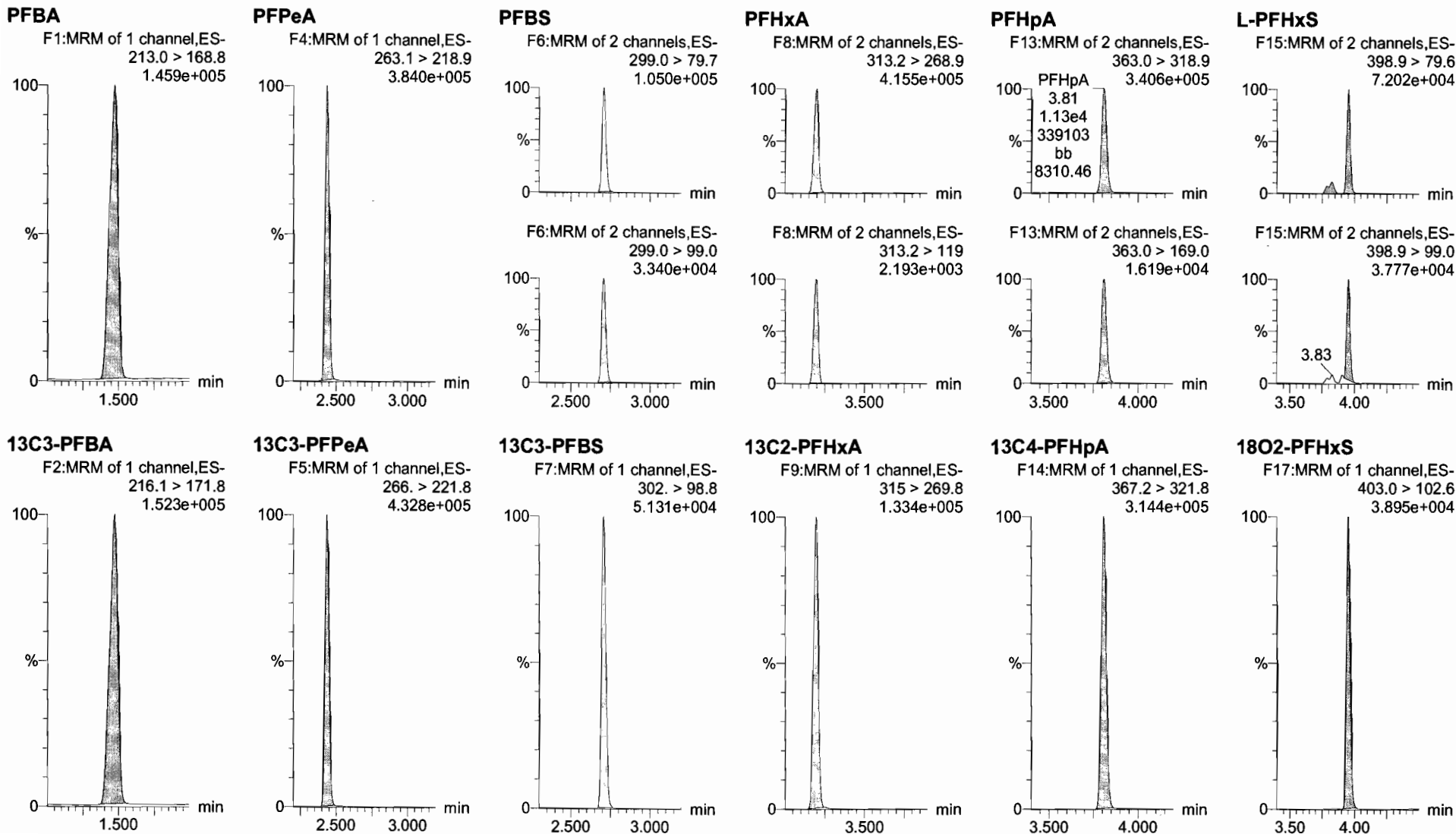


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Last Altered: Tuesday, December 26, 2017 14:25:27 Pacific Standard Time

Printed: Tuesday, December 26, 2017 14:27:31 Pacific Standard Time

Name: 171224M1_7, Date: 24-Dec-2017, Time: 13:32:42, ID: ST171224M1-6 PFC CS3 17L1207, Description: PFC CS3 17L1207

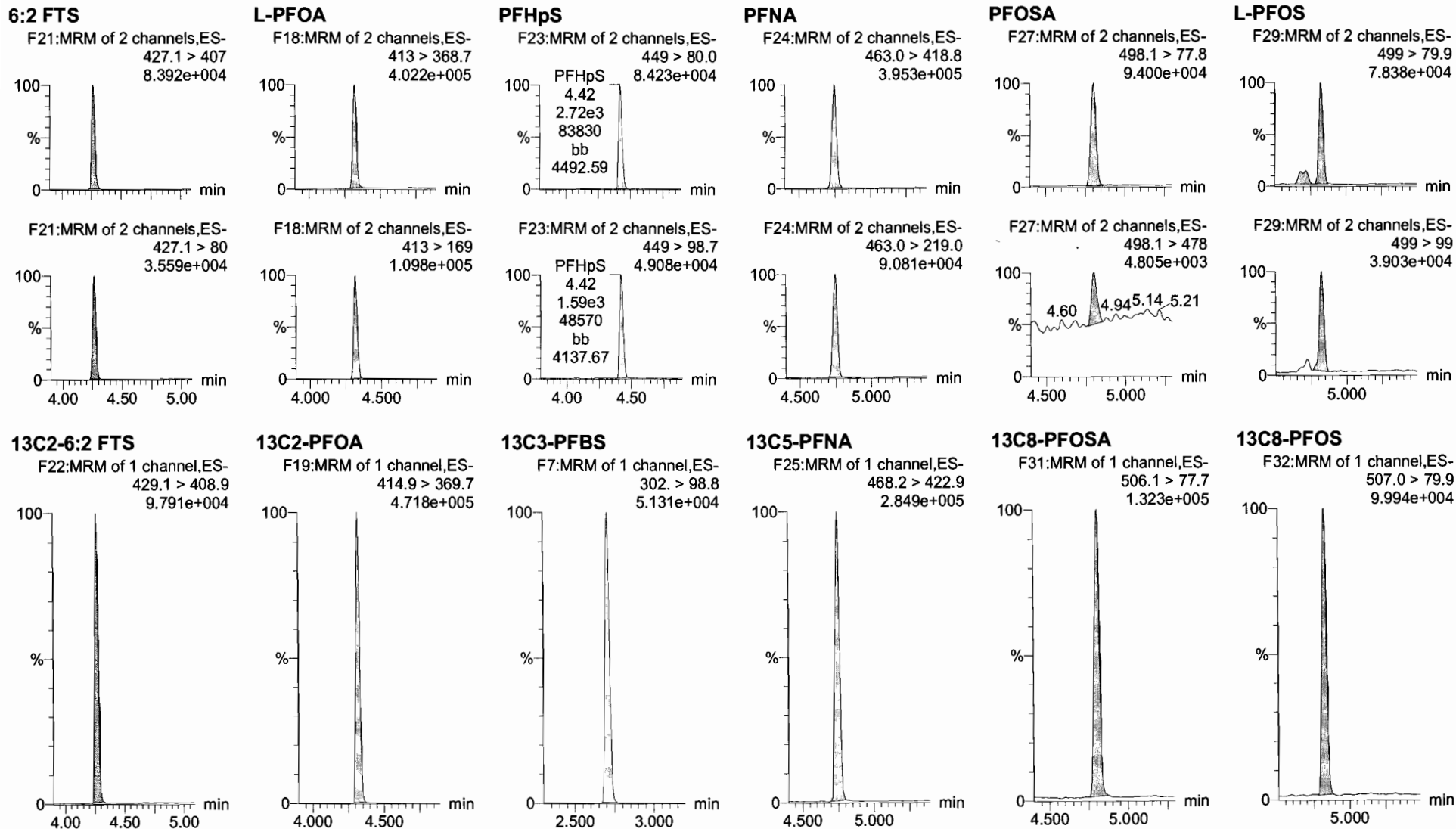


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Last Altered: Tuesday, December 26, 2017 14:25:27 Pacific Standard Time

Printed: Tuesday, December 26, 2017 14:27:31 Pacific Standard Time

Name: 171224M1_7, Date: 24-Dec-2017, Time: 13:32:42, ID: ST171224M1-6 PFC CS3 17L1207, Description: PFC CS3 17L1207



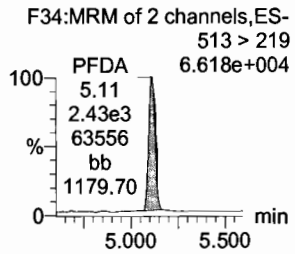
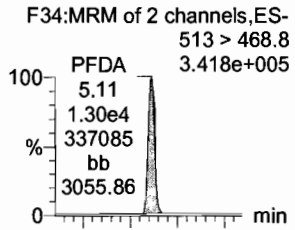
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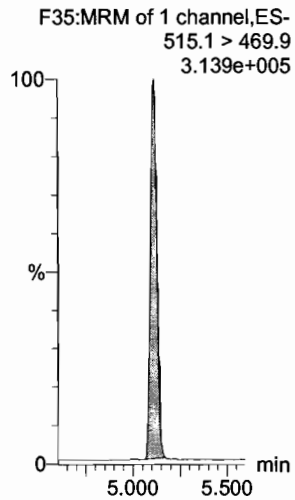
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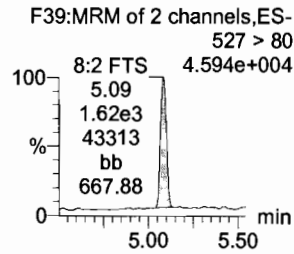
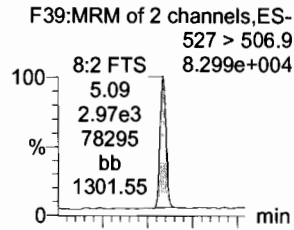
PFDA



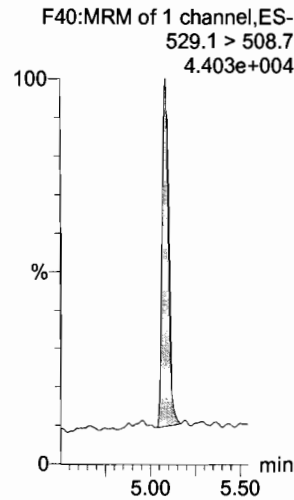
13C2-PFDA



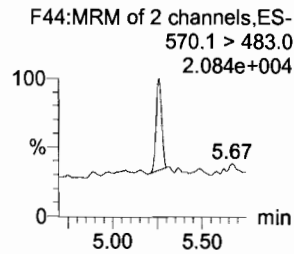
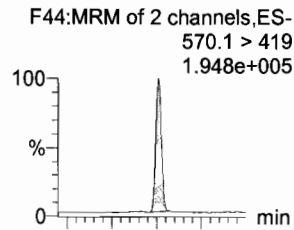
8:2 FTS



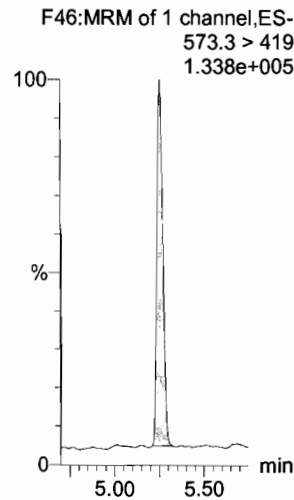
13C2-8:2 FTS



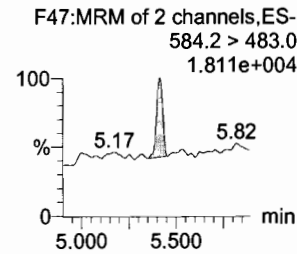
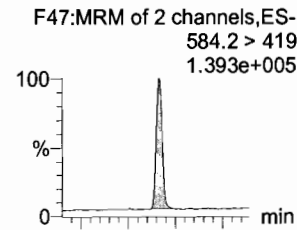
N-MeFOSAA



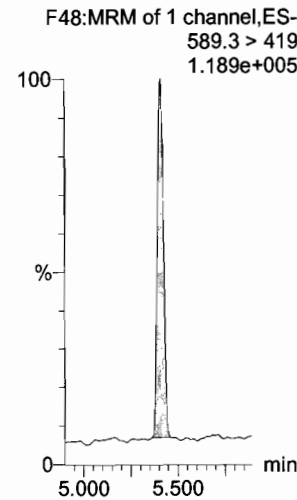
d3-N-MeFOSAA



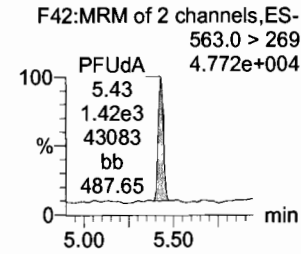
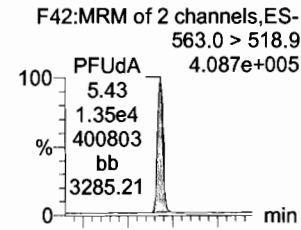
N-EtFOSAA



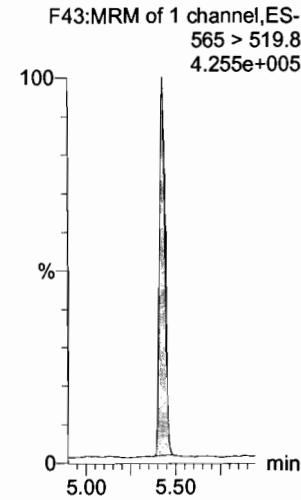
d5-N-EtFOSAA



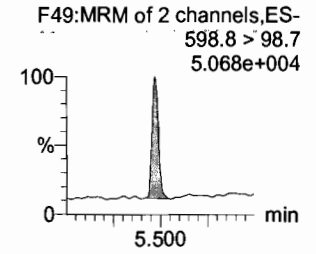
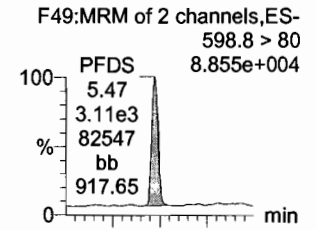
PFUdA



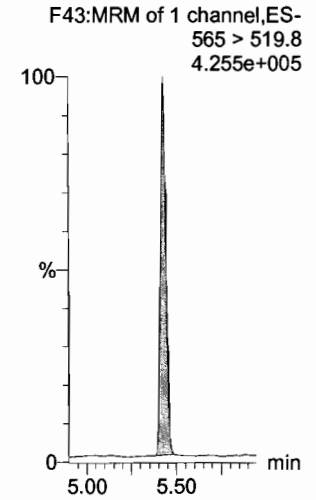
13C2-PFUdA



PFDS



13C2-PFUdA



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

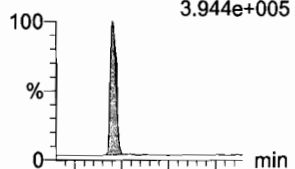
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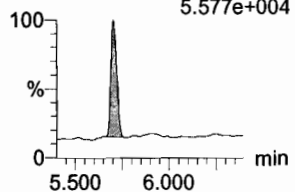
Name: 171224M1_7, Date: 24-Dec-2017, Time: 13:32:42, ID: ST171224M1-6 PFC CS3 17L1207, Description: PFC CS3 17L1207

PFDaA

F50:MRM of 2 channels,ES-
612.9 > 569.0
3.944e+005

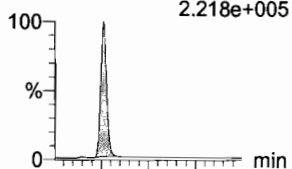


F50:MRM of 2 channels,ES-
612.9 > 318.8
5.577e+004

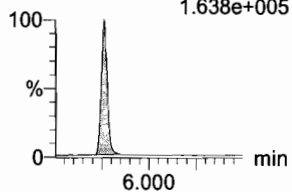


N-MeFOSA

F33:MRM of 2 channels,ES-
512.1 > 168.9
2.218e+005

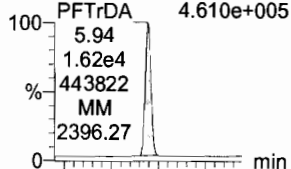


F33:MRM of 2 channels,ES-
512.1 > 219
1.638e+005

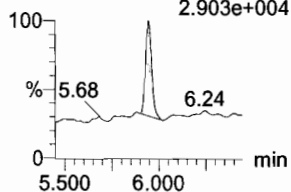


PFTrDA

F56:MRM of 2 channels,ES-
662.9 > 618.9
4.610e+005

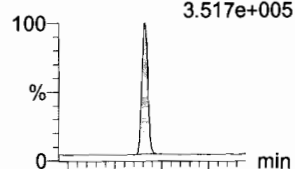


F56:MRM of 2 channels,ES-
662.9 > 319
2.903e+004

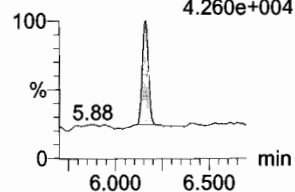


PFTeDA

F57:MRM of 2 channels,ES-
712.9 > 668.8
3.517e+005

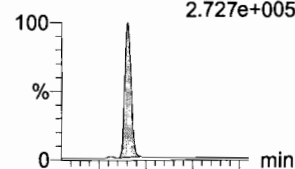


F57:MRM of 2 channels,ES-
712.9 > 369
4.260e+004

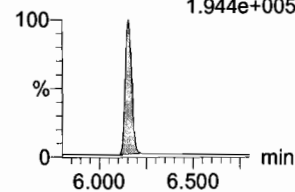


N-EtFOSA

F38:MRM of 2 channels,ES-
526.1 > 168.9
2.727e+005

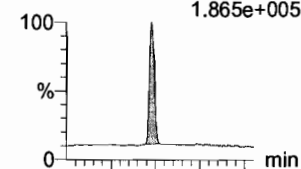


F38:MRM of 2 channels,ES-
526.1 > 219
1.944e+005

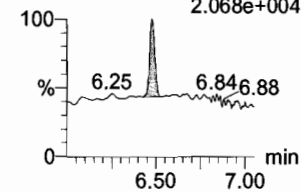


PFHxDA

F59:MRM of 2 channels,ES-
813.1 > 768.6
1.865e+005

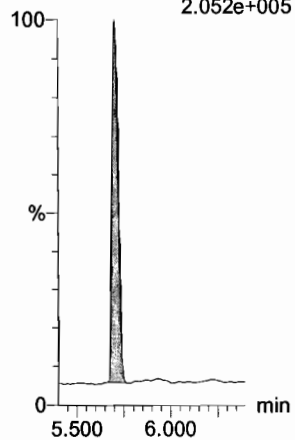


F59:MRM of 2 channels,ES-
813.1 > 219
2.068e+004



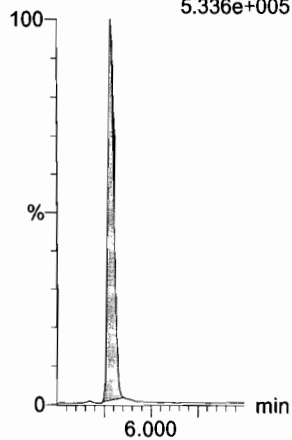
13C2-PFDaA

F51:MRM of 1 channel,ES-
615.0 > 569.7
2.052e+005



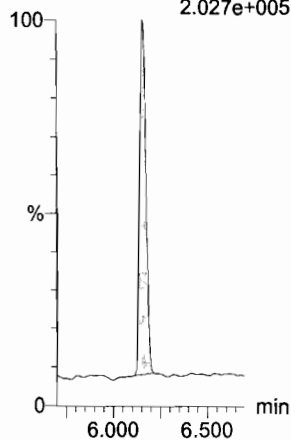
d3-N-MeFOSA

F36:MRM of 1 channel,ES-
515.2 > 168.9
5.336e+005



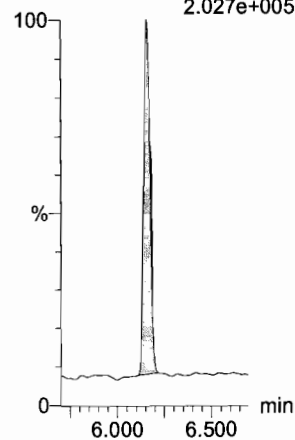
13C2-PFTeDA

F58:MRM of 2 channels,ES-
714.8 > 669.6
2.027e+005



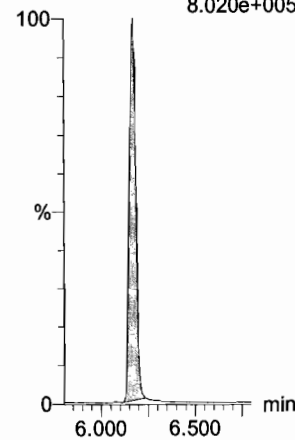
13C2-PFTeDA

F58:MRM of 2 channels,ES-
714.8 > 669.6
2.027e+005



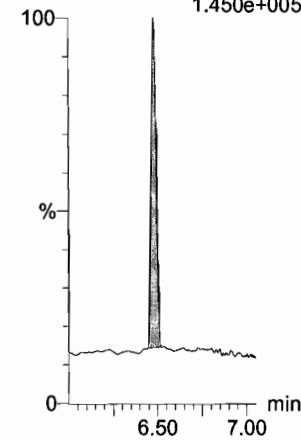
d5-N-ETFOSA

F41:MRM of 1 channel,ES-
531.1 > 168.9
8.020e+005



13C2-PFHxDA

F60:MRM of 1 channel,ES-
815 > 769.7
1.450e+005

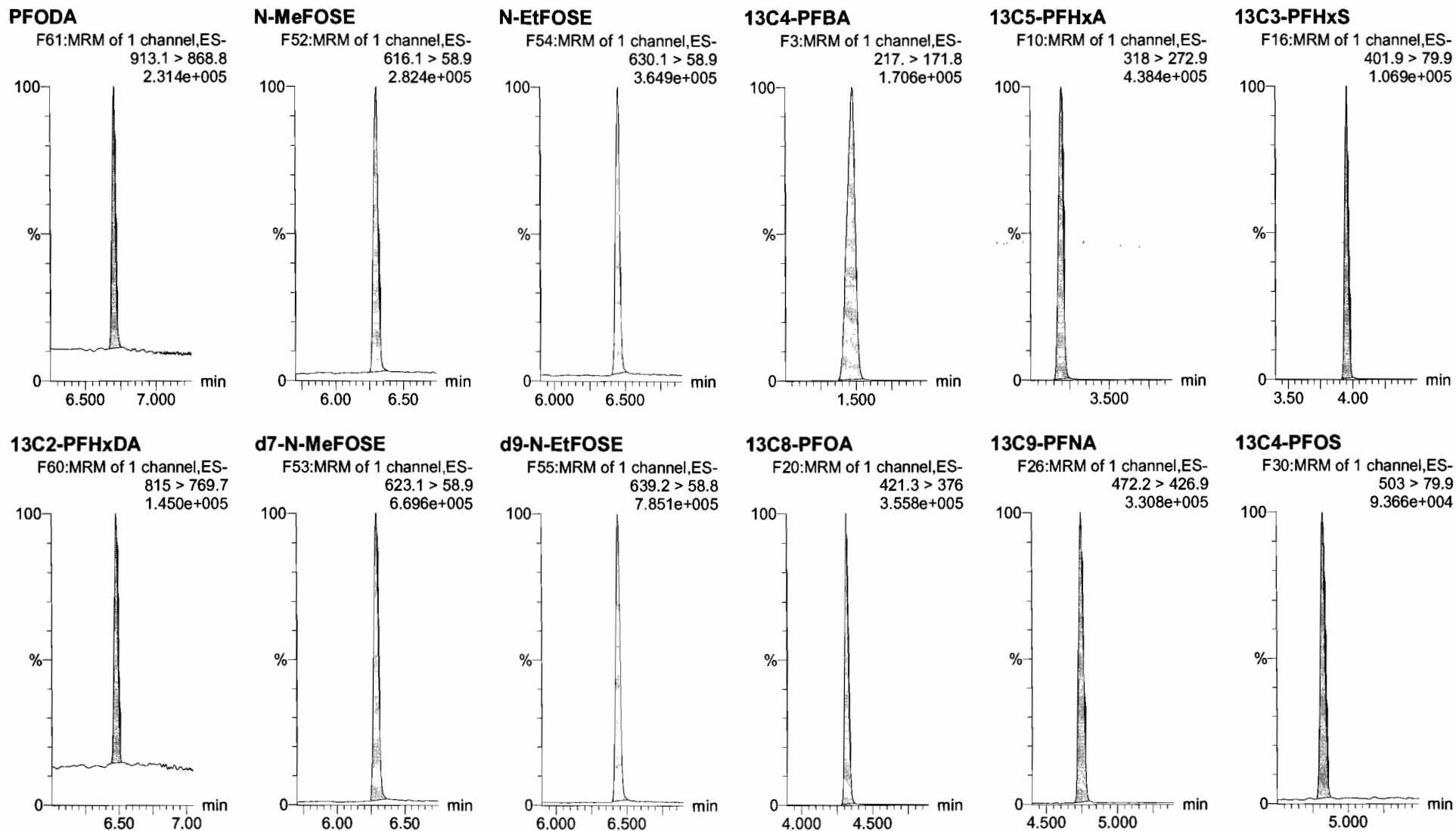


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Last Altered: Tuesday, December 26, 2017 14:25:27 Pacific Standard Time

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Name: 171224M1_7, Date: 24-Dec-2017, Time: 13:32:42, ID: ST171224M1-6 PFC CS3 17L1207, Description: PFC CS3 17L1207



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

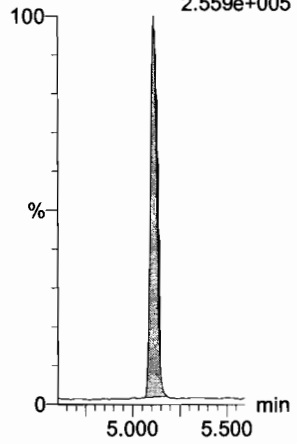
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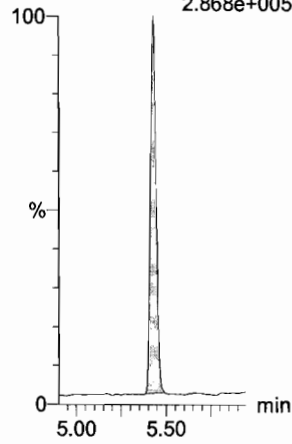
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
2.559e+005



13C7-PFUdA

F45:MRM of 1 channel,ES-
570.1 > 524.8
2.868e+005

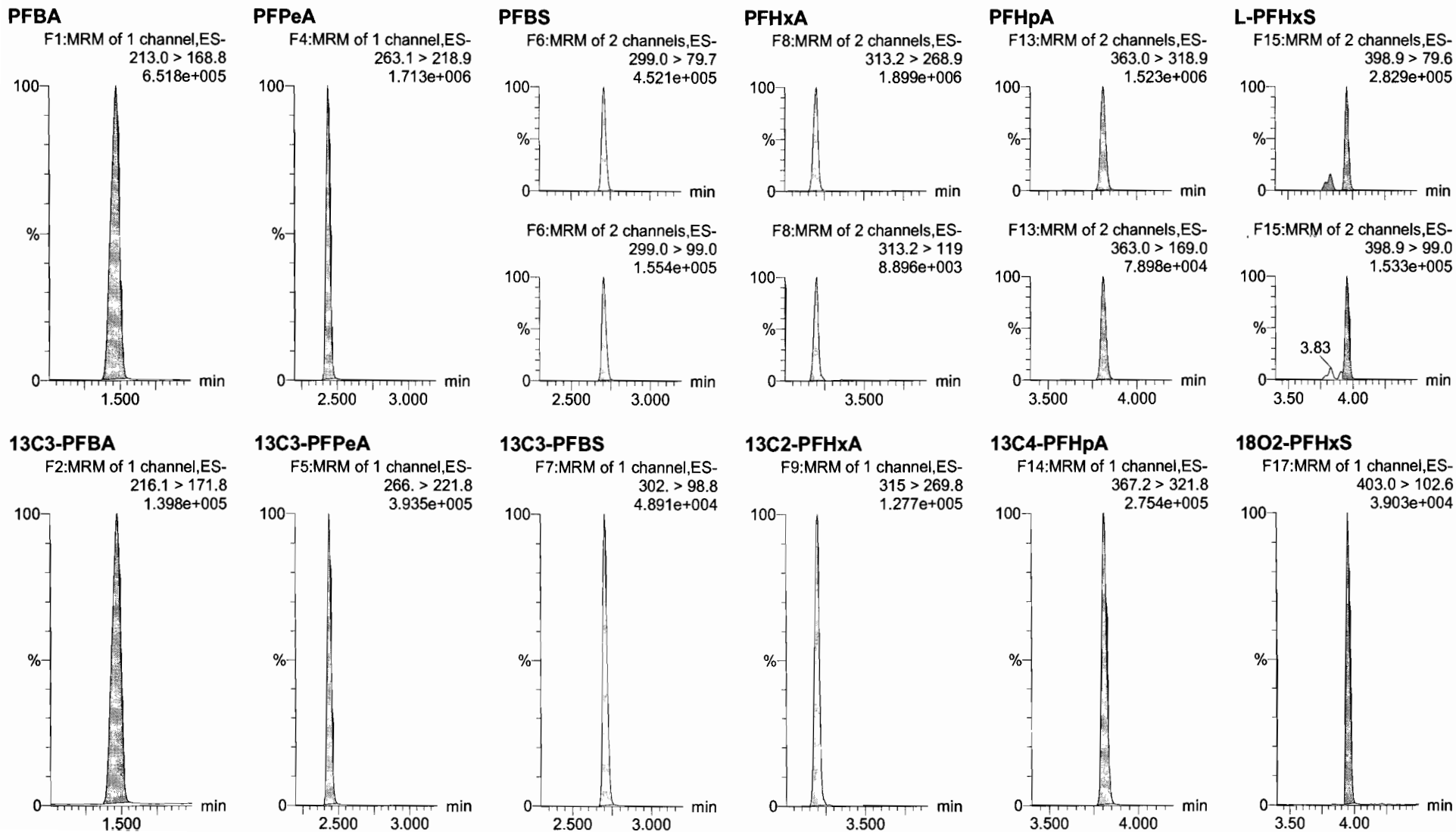


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Last Altered: Tuesday, December 26, 2017 14:25:27 Pacific Standard Time

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Name: 171224M1_8, Date: 24-Dec-2017, Time: 13:43:53, ID: ST171224M1-7 PFC CS4 17L1208, Description: PFC CS4 17L1208

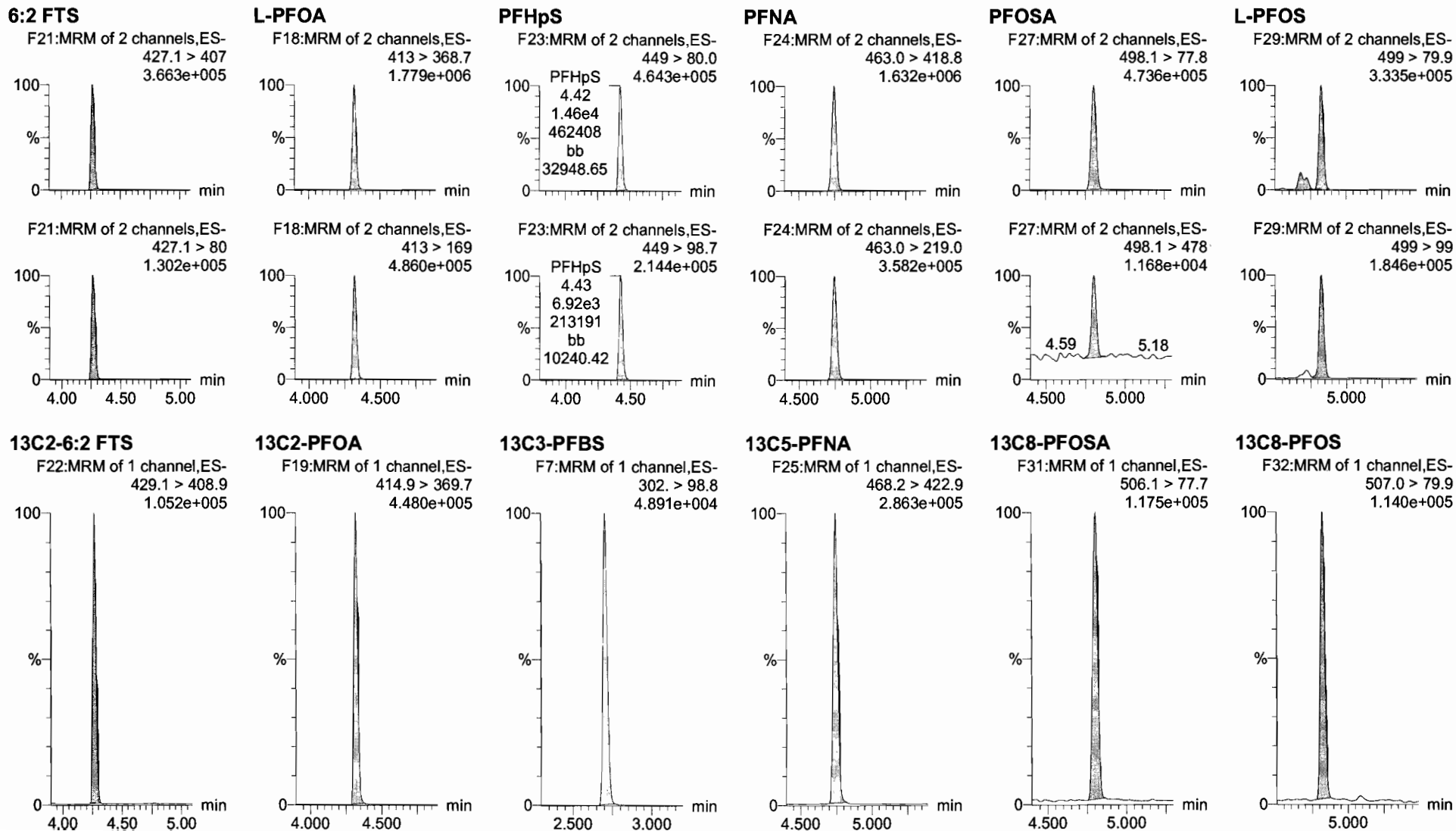


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Last Altered: Tuesday, December 26, 2017 14:25:27 Pacific Standard Time

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Name: 171224M1_8, Date: 24-Dec-2017, Time: 13:43:53, ID: ST171224M1-7 PFC CS4 17L1208, Description: PFC CS4 17L1208



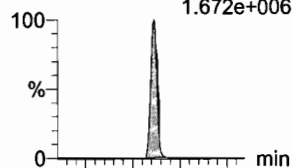
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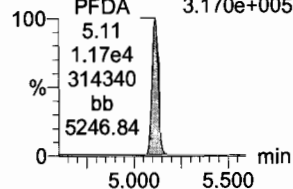
Name: 171224M1_8, Date: 24-Dec-2017, Time: 13:43:53, ID: ST171224M1-7 PFC CS4 17L1208, Description: PFC CS4 17L1208

PFDA

F34:MRM of 2 channels,ES-
513 > 468.8
1.672e+006

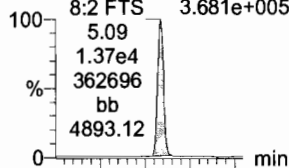


F34:MRM of 2 channels,ES-
513 > 219
3.170e+005

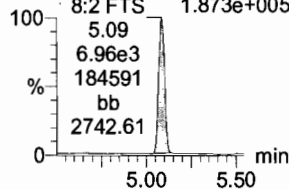


8:2 FTS

F39:MRM of 2 channels,ES-
527 > 506.9
3.681e+005

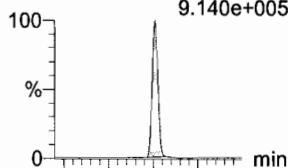


F39:MRM of 2 channels,ES-
527 > 80
1.873e+005

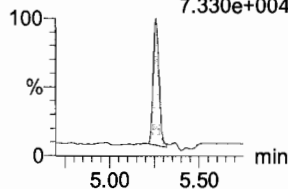


N-MeFOSAA

F44:MRM of 2 channels,ES-
570.1 > 419
9.140e+005

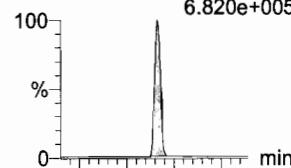


F44:MRM of 2 channels,ES-
570.1 > 483.0
7.330e+004

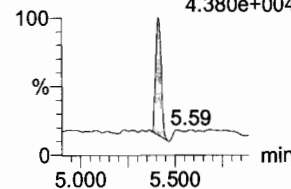


N-EtFOSAA

F47:MRM of 2 channels,ES-
584.2 > 419
6.820e+005

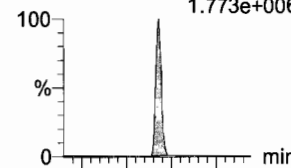


F47:MRM of 2 channels,ES-
584.2 > 483.0
4.380e+004

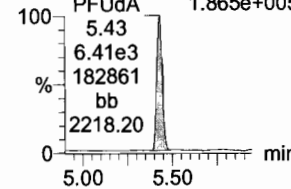


PFUdA

F42:MRM of 2 channels,ES-
563.0 > 518.9
1.773e+006

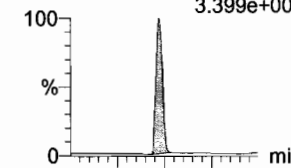


F42:MRM of 2 channels,ES-
563.0 > 269
1.865e+005

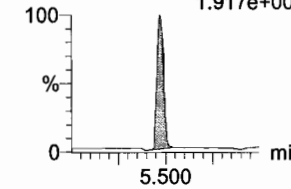


PFDS

F49:MRM of 2 channels,ES-
598.8 > 80
3.399e+005

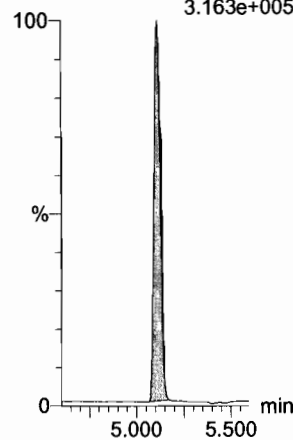


F49:MRM of 2 channels,ES-
598.8 > 98.7
1.917e+005



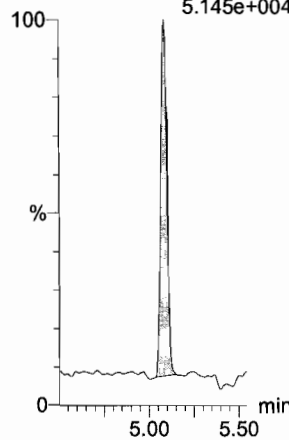
13C2-PFDA

F35:MRM of 1 channel,ES-
515.1 > 469.9
3.163e+005



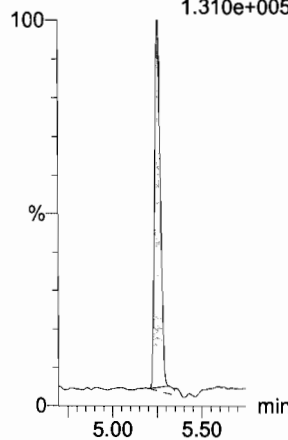
13C2-8:2 FTS

F40:MRM of 1 channel,ES-
529.1 > 508.7
5.145e+004



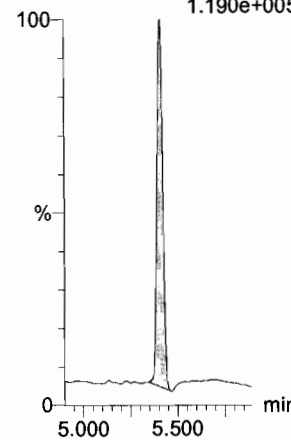
d3-N-MeFOSAA

F46:MRM of 1 channel,ES-
573.3 > 419
1.310e+005



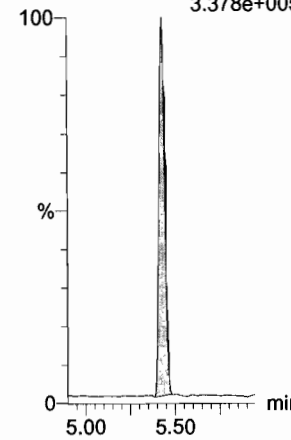
d5-N-EtFOSAA

F48:MRM of 1 channel,ES-
589.3 > 419
1.190e+005



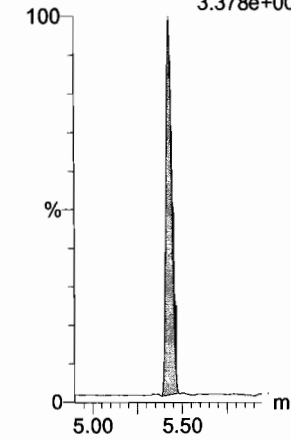
13C2-PFUdA

F43:MRM of 1 channel,ES-
565 > 519.8
3.378e+005



13C2-PFUdA

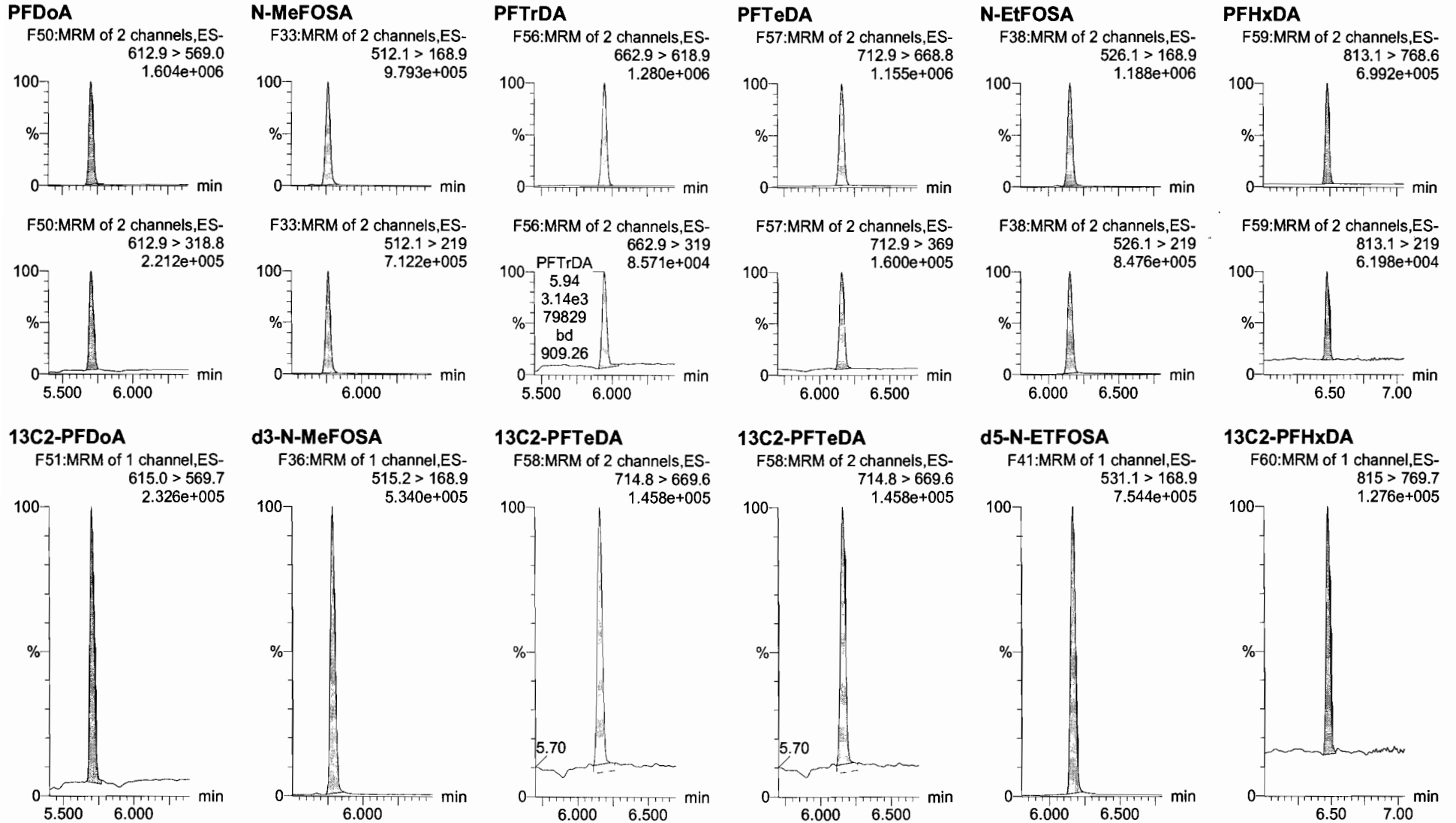
F43:MRM of 1 channel,ES-
565 > 519.8
3.378e+005



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

Last Altered: Tuesday, December 26, 2017 14:25:27 Pacific Standard Time
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Name: 171224M1_8, Date: 24-Dec-2017, Time: 13:43:53, ID: ST171224M1-7 PFC CS4 17L1208, Description: PFC CS4 17L1208



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

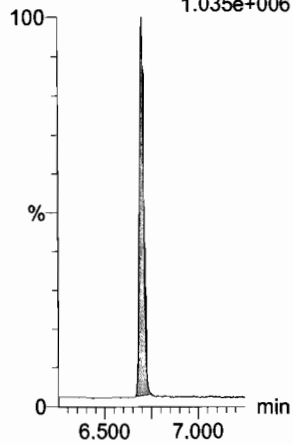
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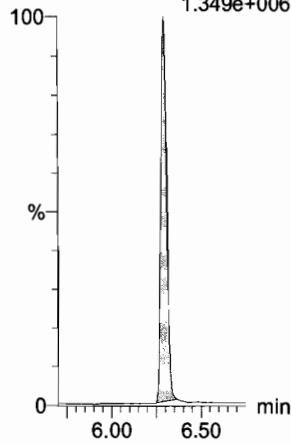
PFODA

F61:MRM of 1 channel,ES-
913.1 > 868.8
1.035e+006



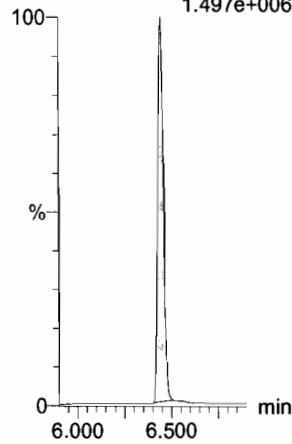
N-MeFOSE

F52:MRM of 1 channel,ES-
616.1 > 58.9
1.349e+006



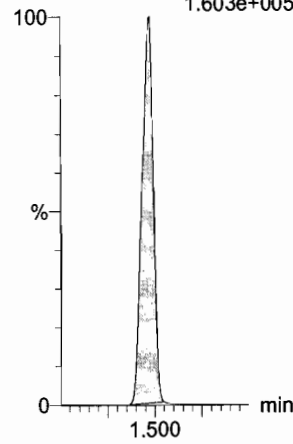
N-EtFOSE

F54:MRM of 1 channel,ES-
630.1 > 58.9
1.497e+006



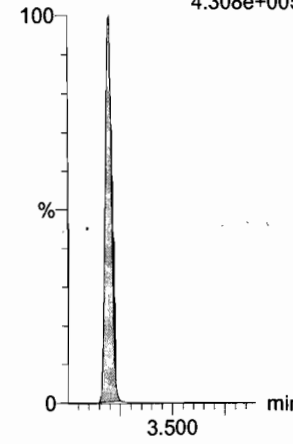
13C4-PFBA

F3:MRM of 1 channel,ES-
217. > 171.8
1.603e+005



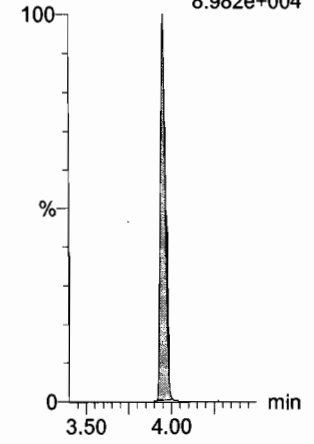
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
4.308e+005



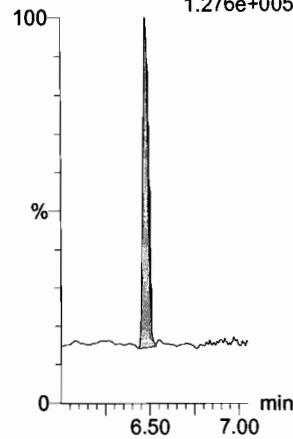
13C3-PFHxS

F16:MRM of 1 channel,ES-
401.9 > 79.9
8.982e+004



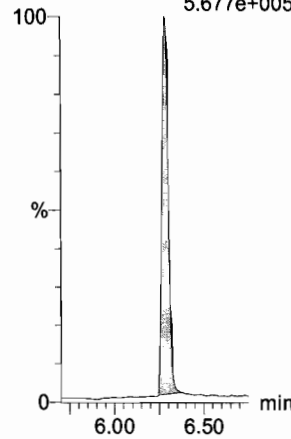
13C2-PFHxDA

F60:MRM of 1 channel,ES-
815 > 769.7
1.276e+005



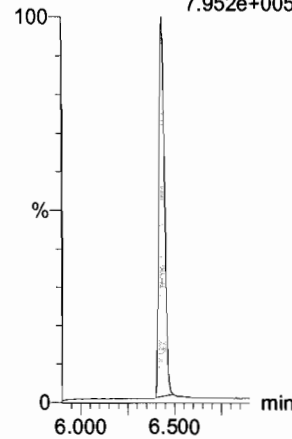
d7-N-MeFOSE

F53:MRM of 1 channel,ES-
623.1 > 58.9
5.677e+005



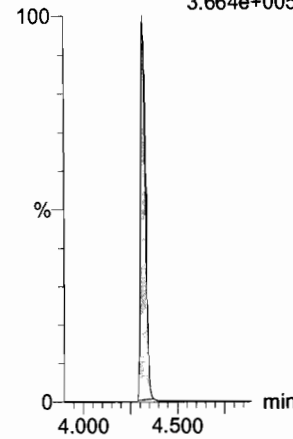
d9-N-EtFOSE

F55:MRM of 1 channel,ES-
639.2 > 58.8
7.952e+005



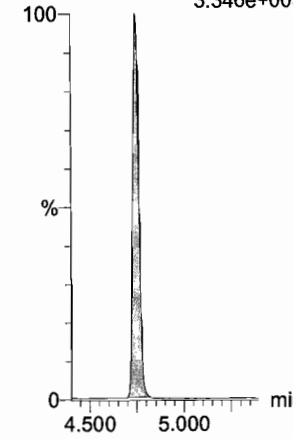
13C8-PFOA

F20:MRM of 1 channel,ES-
421.3 > 376
3.664e+005



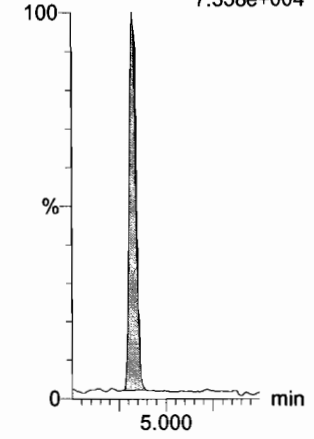
13C9-PFNA

F26:MRM of 1 channel,ES-
472.2 > 426.9
3.346e+005



13C4-PFOS

F30:MRM of 1 channel,ES-
503 > 79.9
7.358e+004

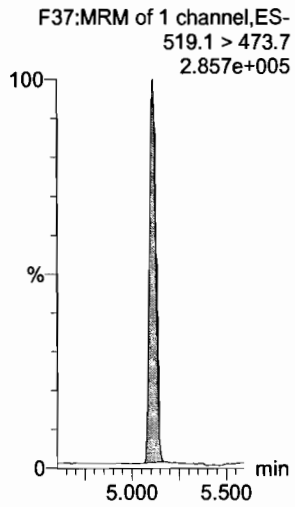


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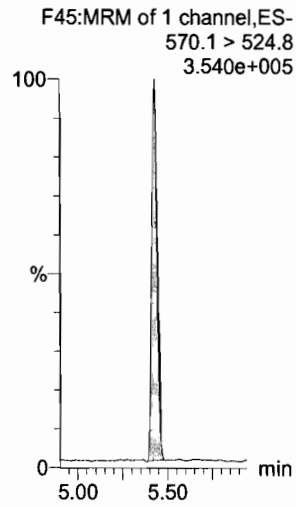
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Name: 171224M1_8, Date: 24-Dec-2017, Time: 13:43:53, ID: ST171224M1-7 PFC CS4 17L1208, Description: PFC CS4 17L1208

13C6-PFDA



13C7-PFUdA

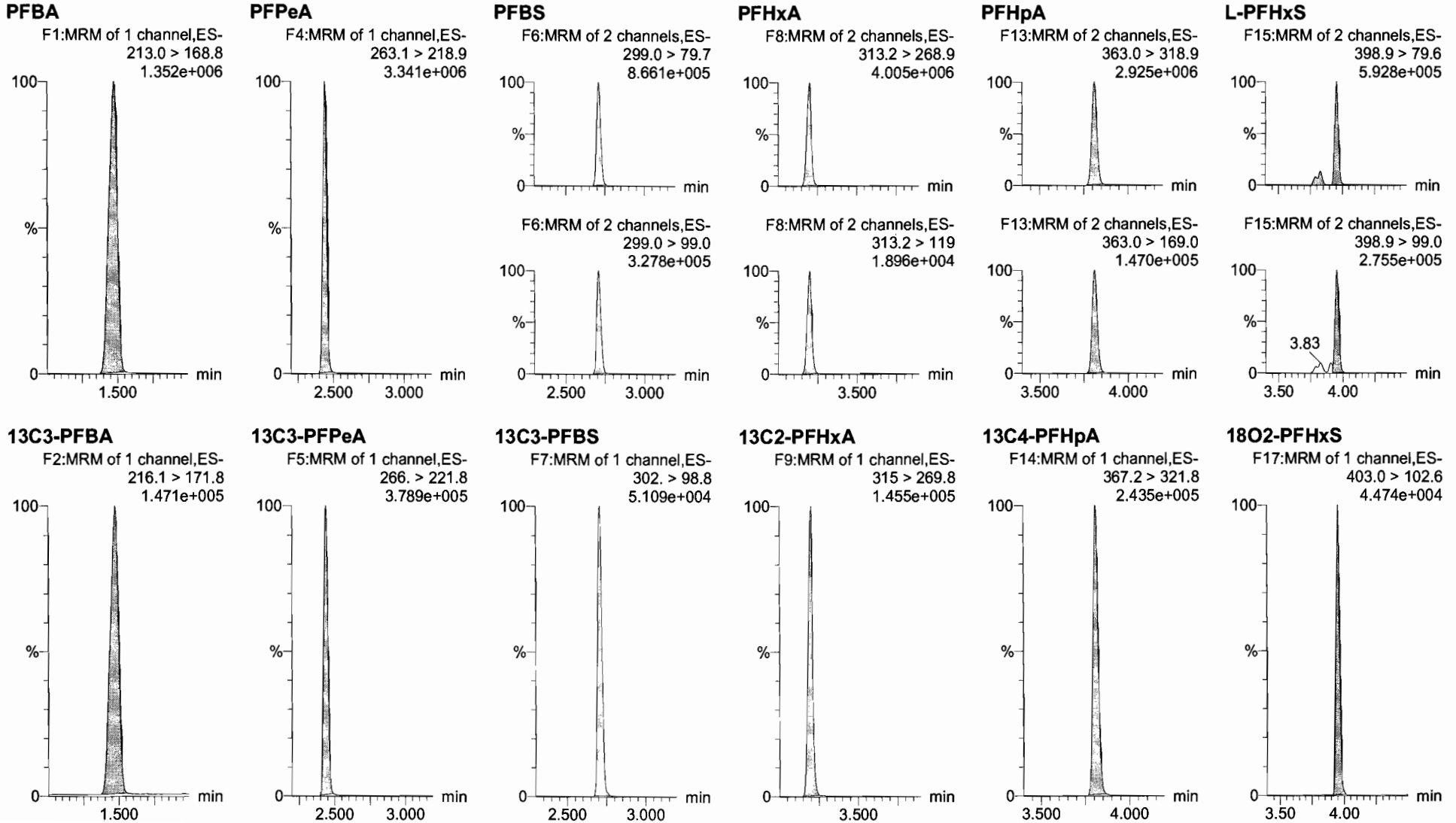


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Last Altered: Tuesday, December 26, 2017 14:25:27 Pacific Standard Time

Printed: Tuesday, December 26, 2017 14:27:31 Pacific Standard Time

Name: 171224M1_9, Date: 24-Dec-2017, Time: 13:55:03, ID: ST171224M1-8 PFC CS5 17L1209, Description: PFC CS5 17L1209

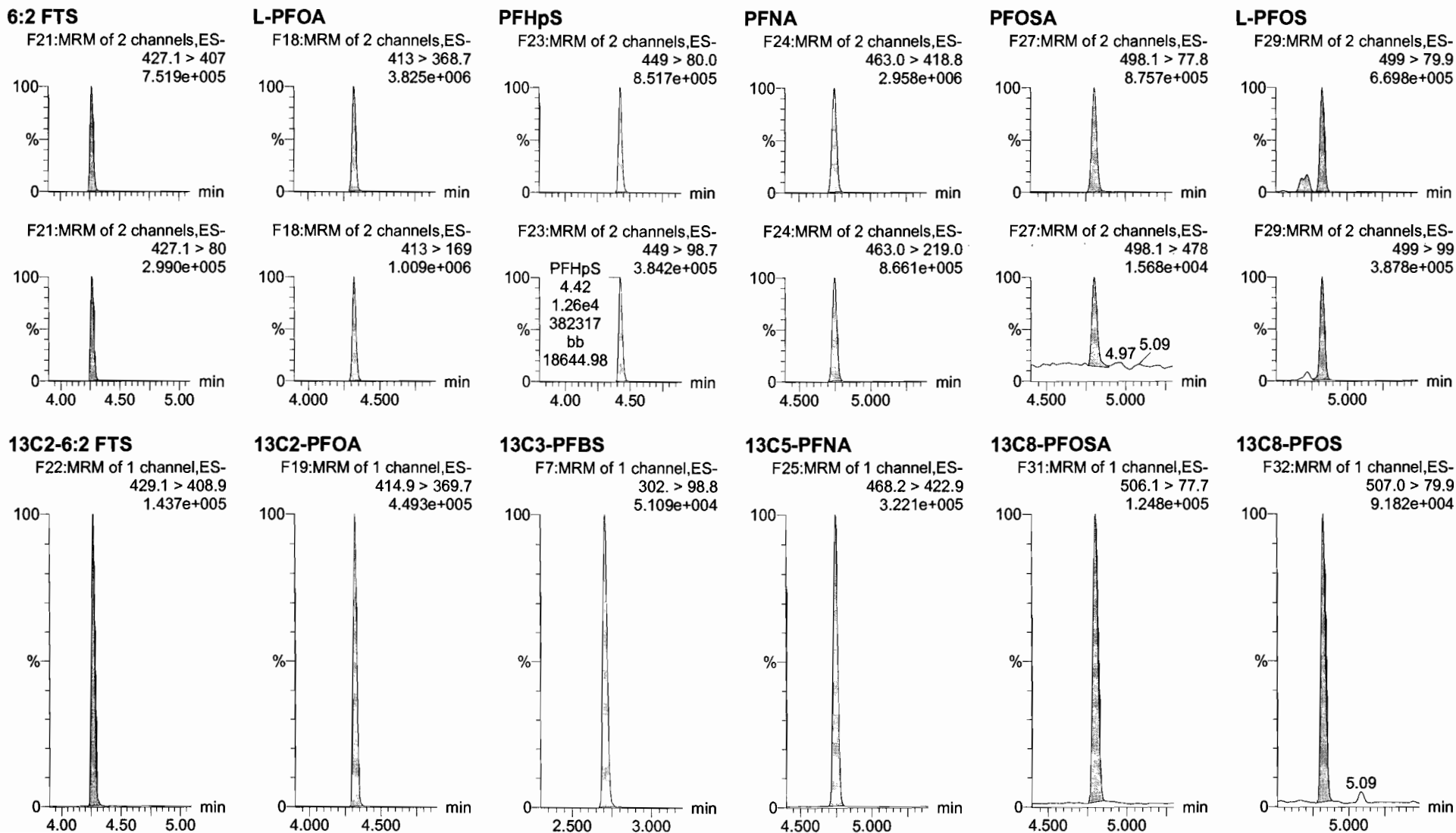


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Name: 171224M1_9, Date: 24-Dec-2017, Time: 13:55:03, ID: ST171224M1-8 PFC CS5 17L1209, Description: PFC CS5 17L1209



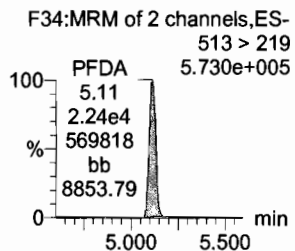
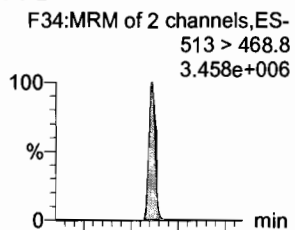
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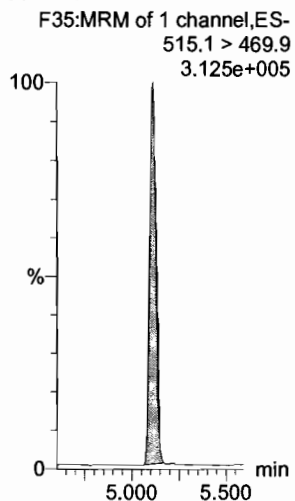
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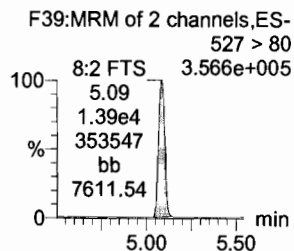
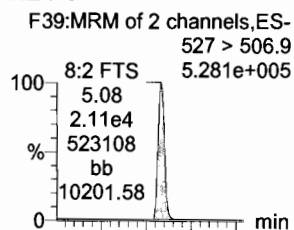
PFDA



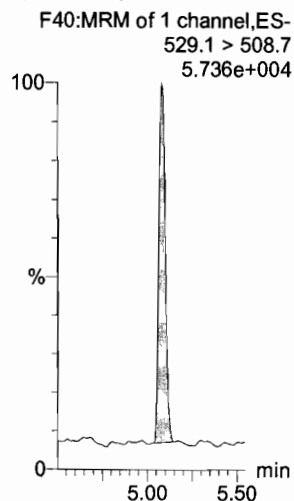
13C2-PFDA



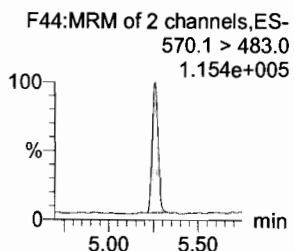
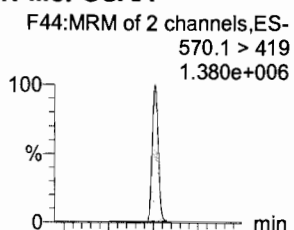
8:2 FTS



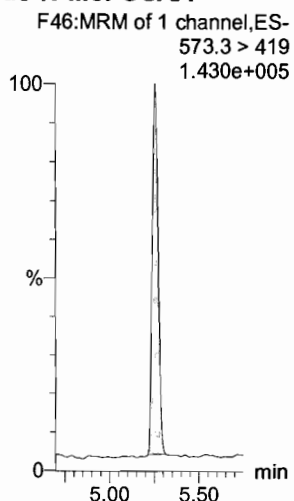
13C2-8:2 FTS



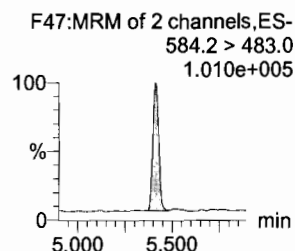
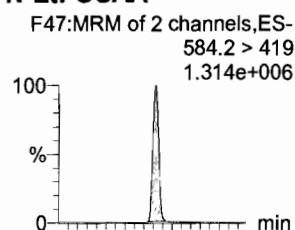
N-MeFOSAA



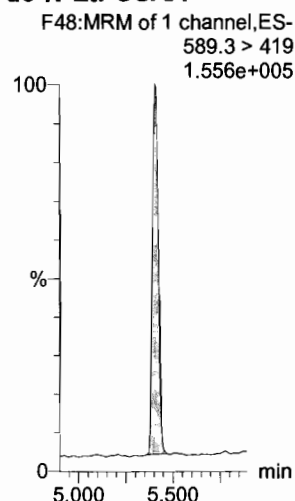
d3-N-MeFOSAA



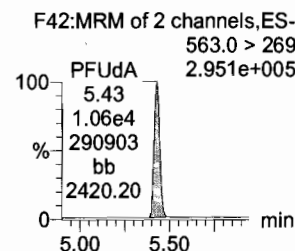
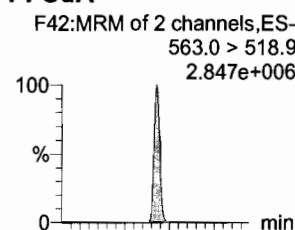
N-EtFOSAA



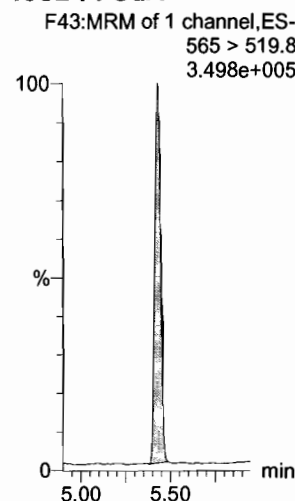
d5-N-EtFOSAA



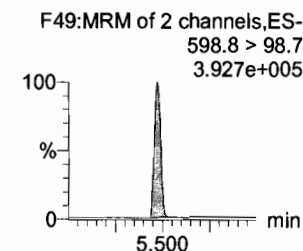
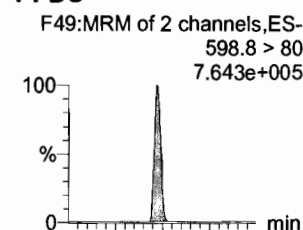
PFUdA



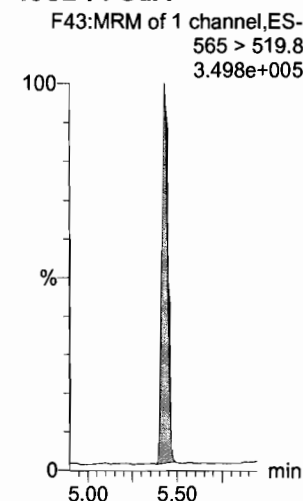
13C2-PFUdA



PFDS



13C2-PFUdA

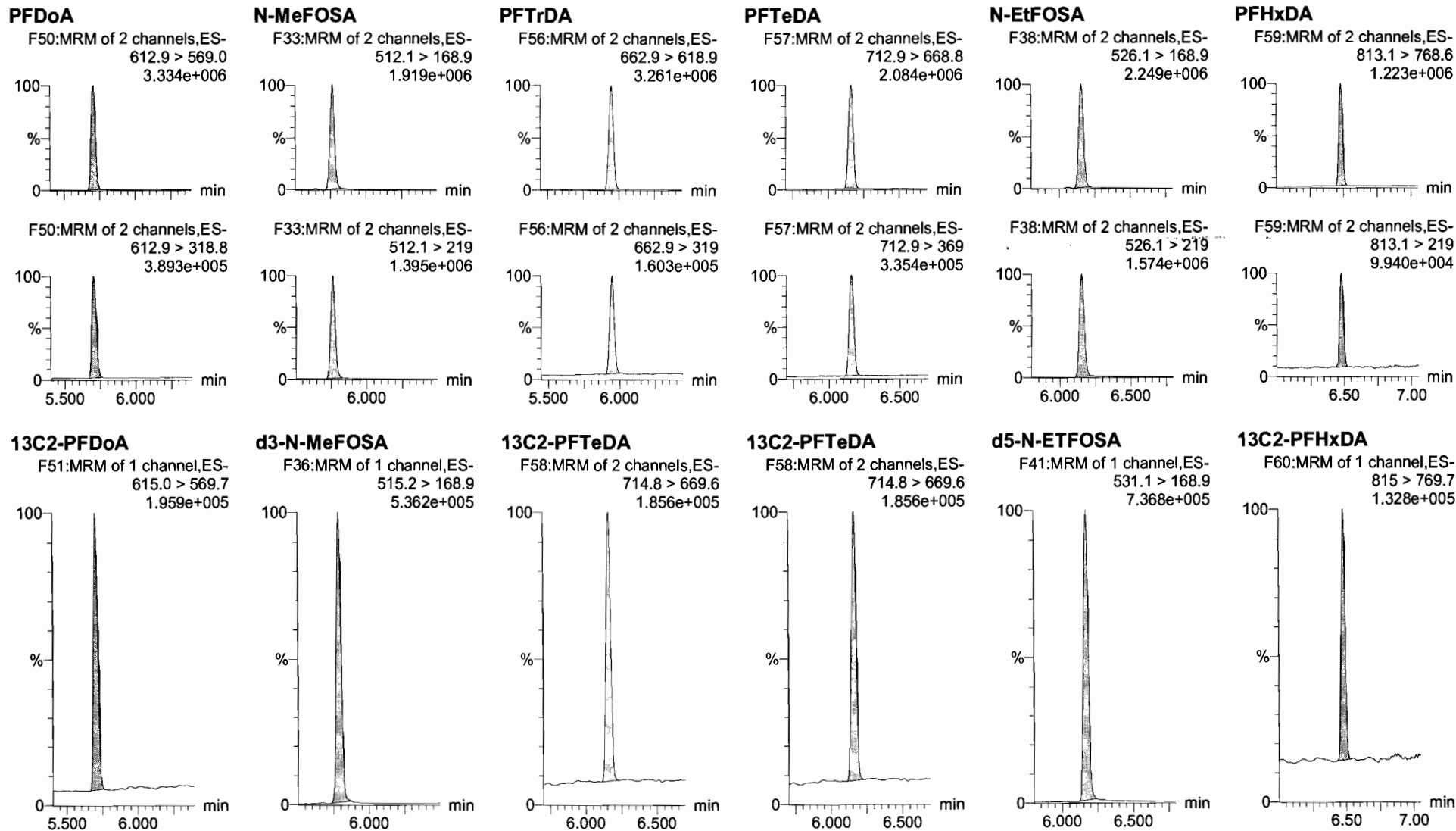


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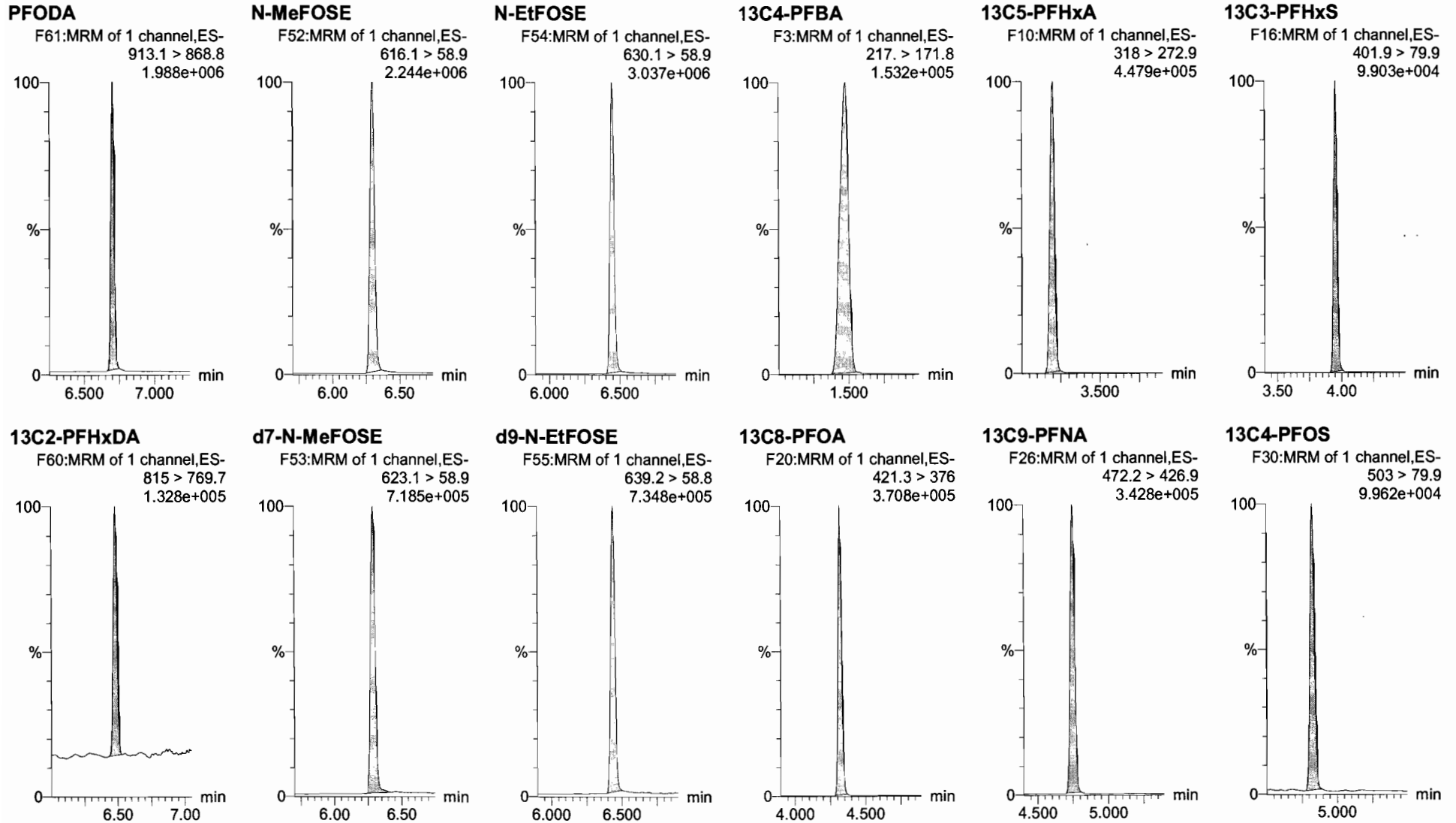
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Last Altered: Tuesday, December 26, 2017 14:25:27 Pacific Standard Time
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Name: 171224M1_9, Date: 24-Dec-2017, Time: 13:55:03, ID: ST171224M1-8 PFC CS5 17L1209, Description: PFC CS5 17L1209



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

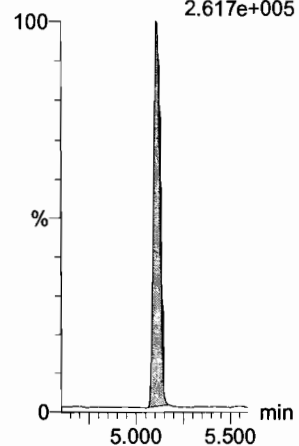
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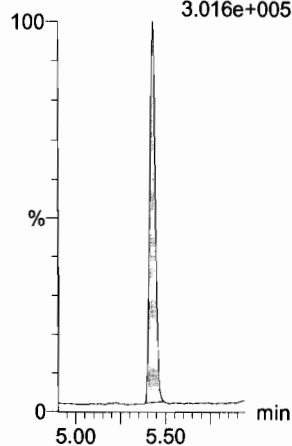
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
2.617e+005



13C7-PFUdA

F45:MRM of 1 channel,ES-
570.1 > 524.8
3.016e+005

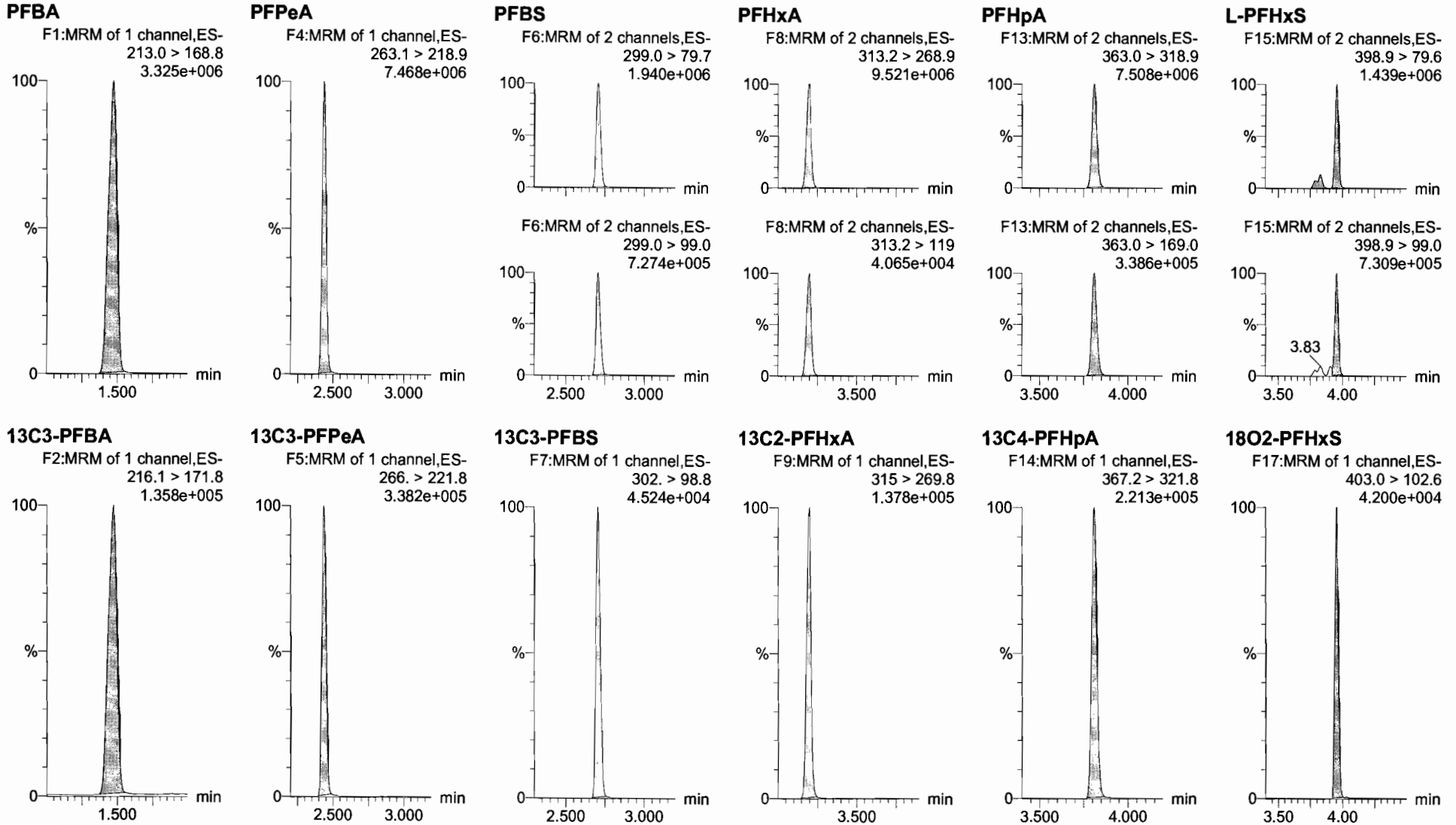


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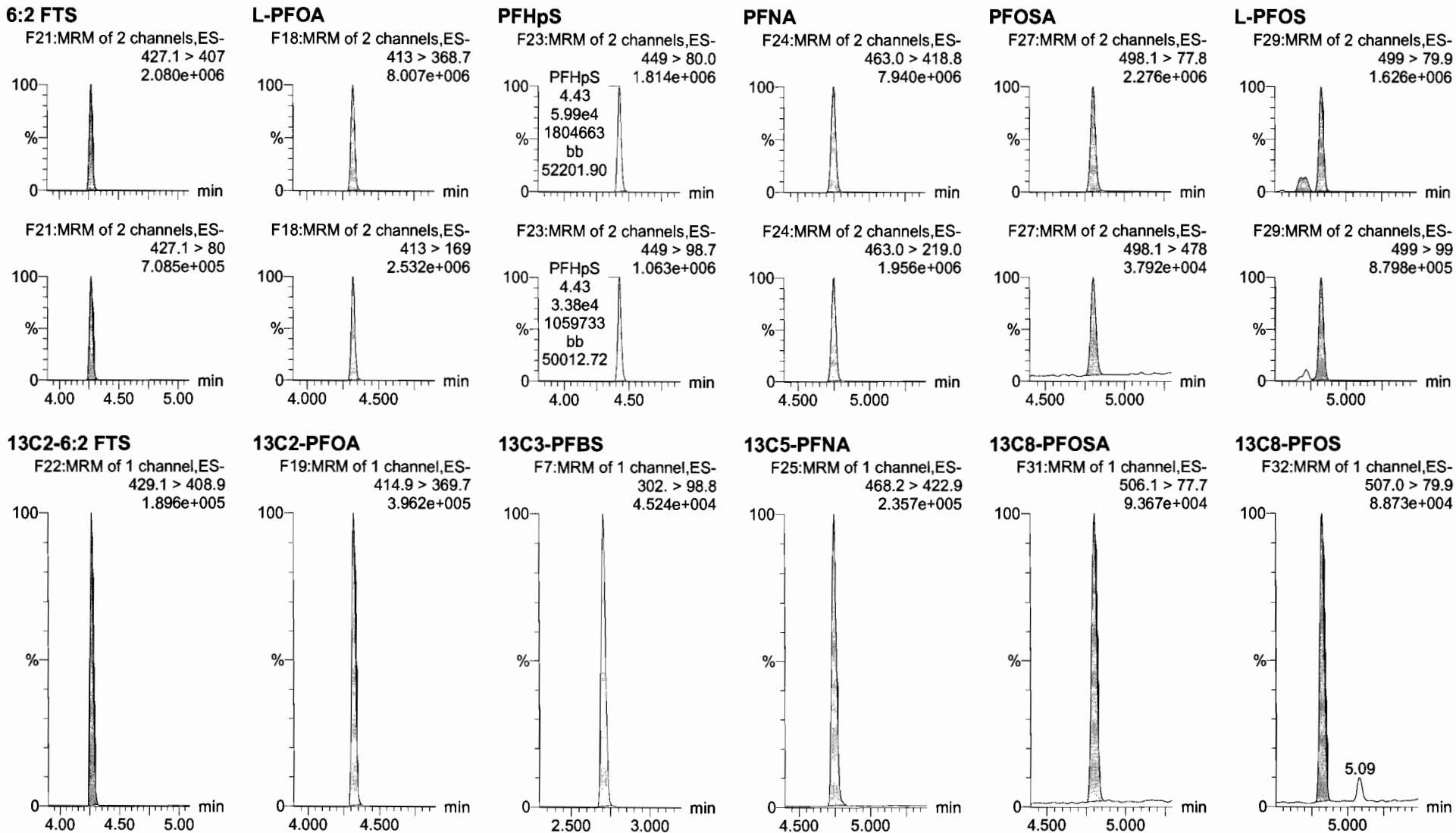
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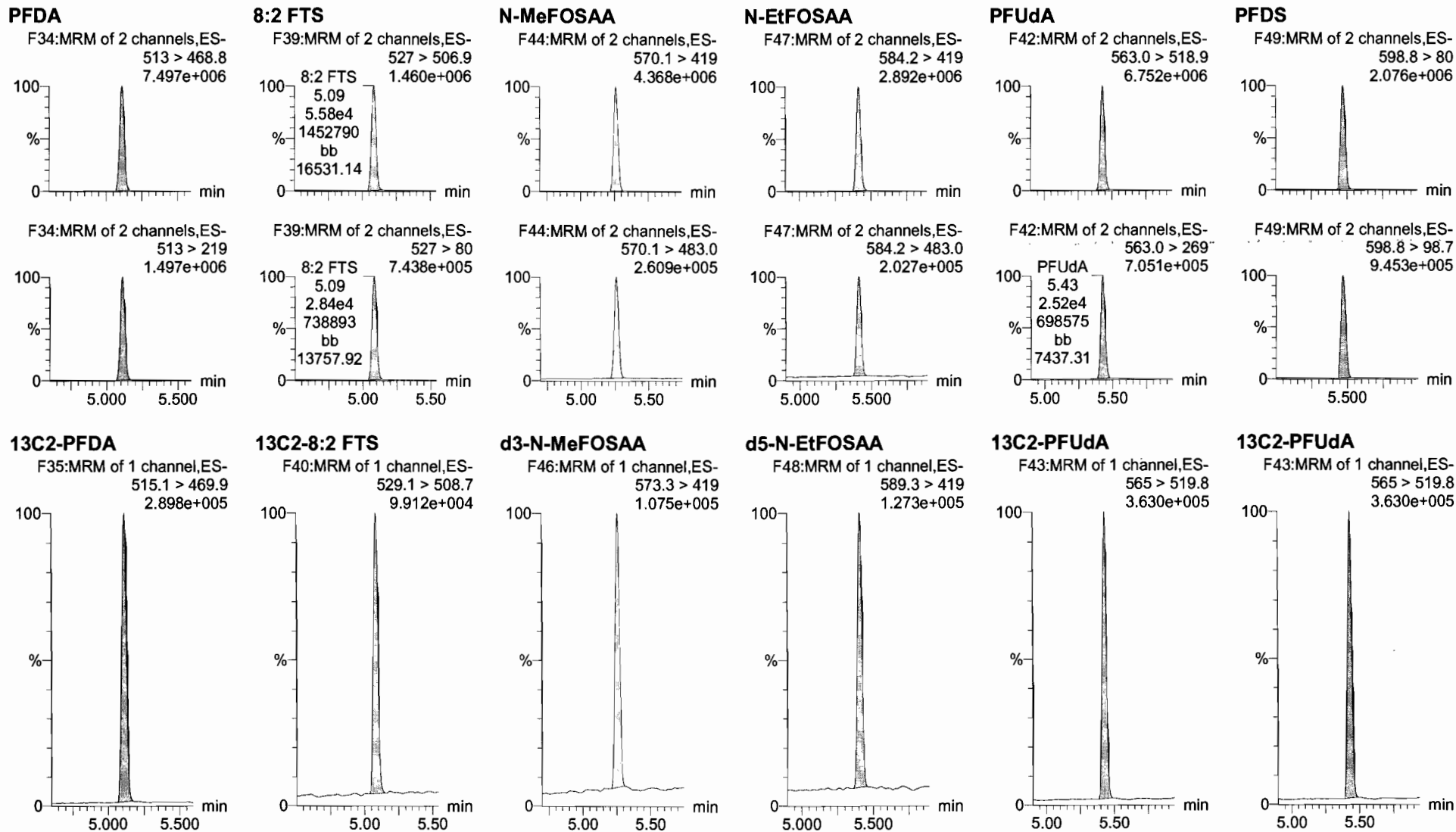


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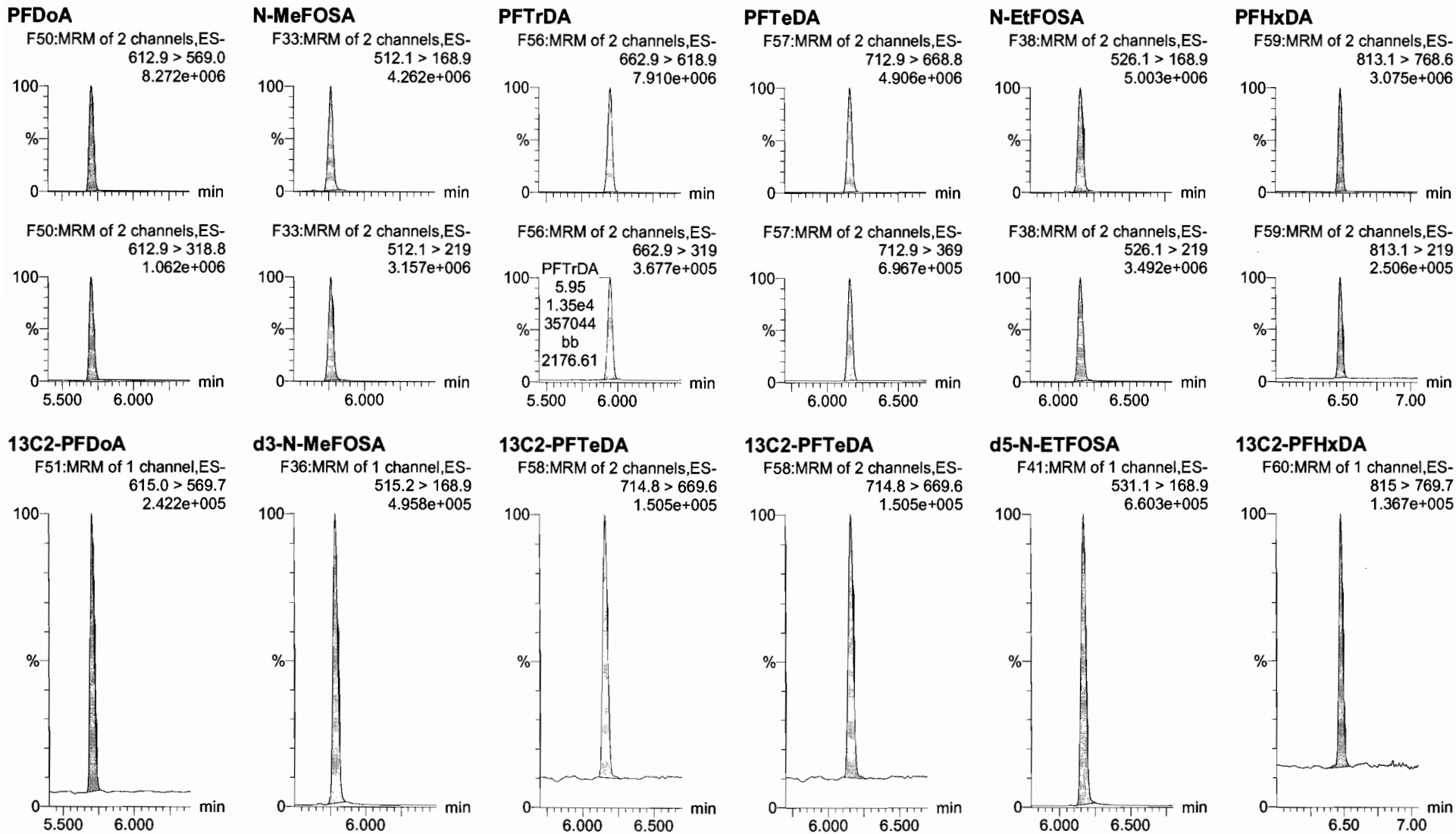
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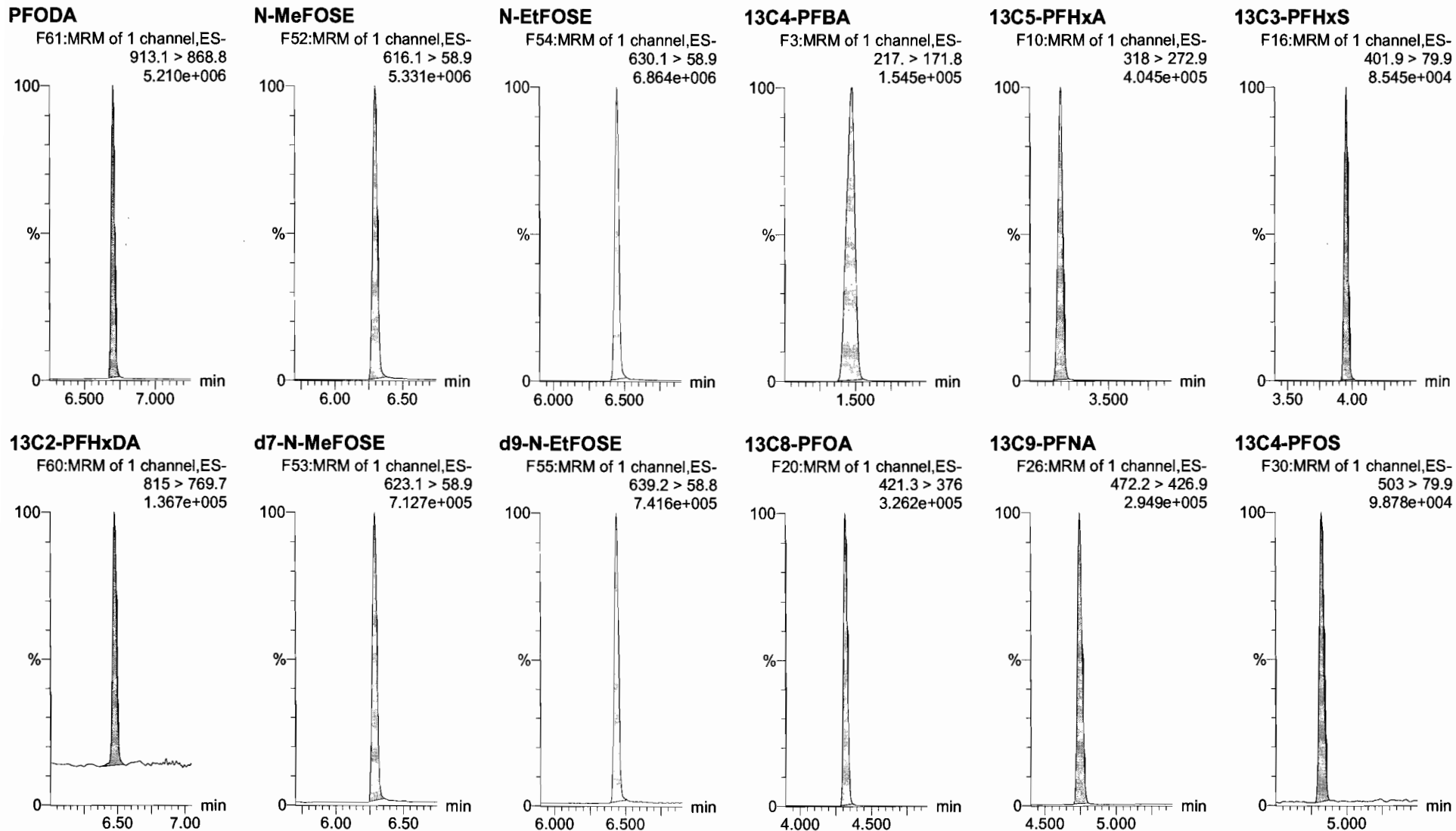
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Printed: Tuesday, December 26, 2017 14:27:31 Pacific Standard Time

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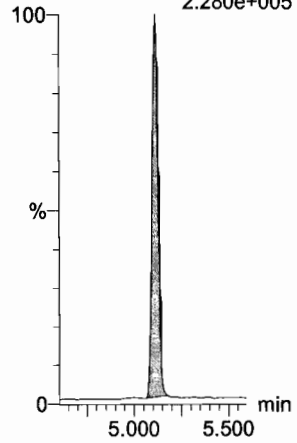
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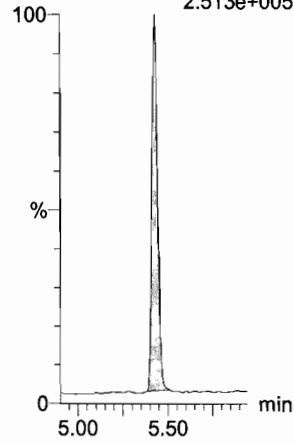
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
2.280e+005



13C7-PFUdA

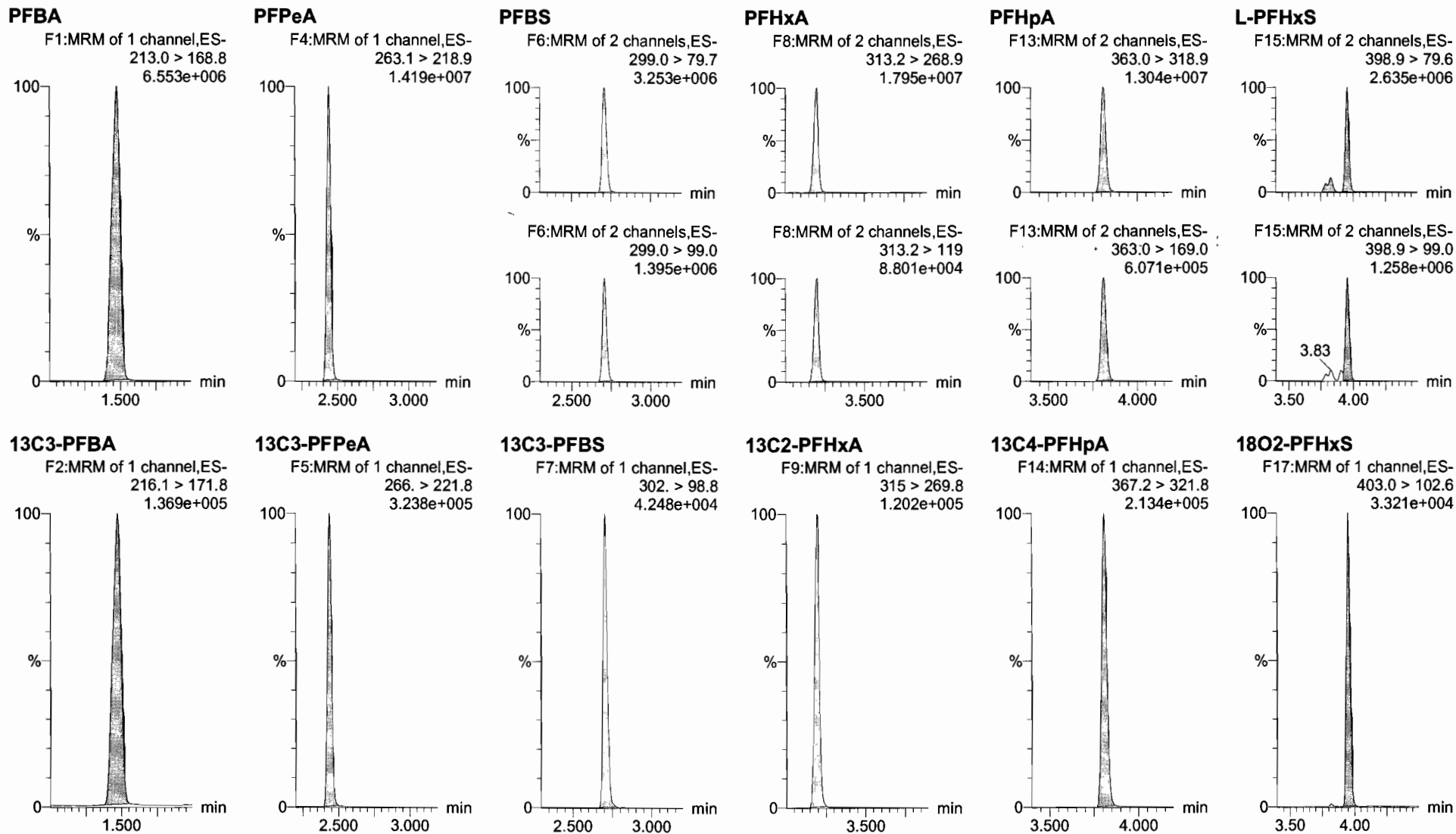
F45:MRM of 1 channel,ES-
570.1 > 524.8
2.513e+005



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

Last Altered: Tuesday, December 26, 2017 14:25:27 Pacific Standard Time
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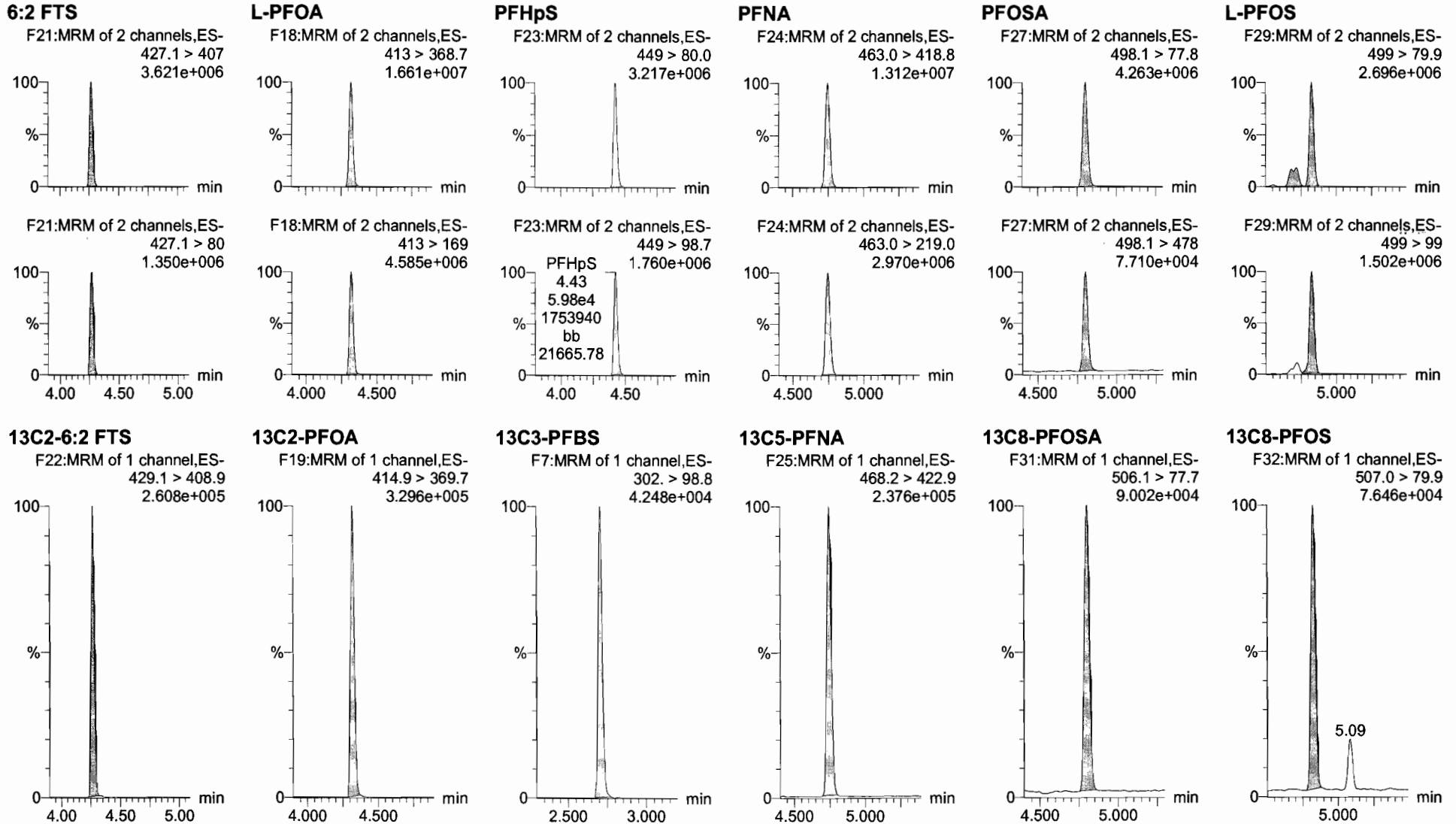


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Name: 171224M1_11, Date: 24-Dec-2017, Time: 14:17:25, ID: ST171224M1-10 PFC CS7 17L1804, Description: PFC CS7 17L1804



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

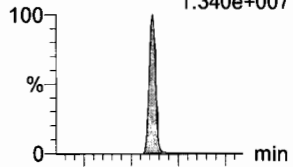
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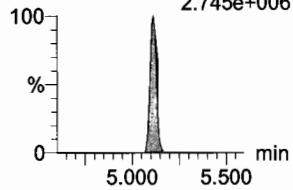
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PFDA

F34:MRM of 2 channels,ES-
513 > 468.8
1.340e+007

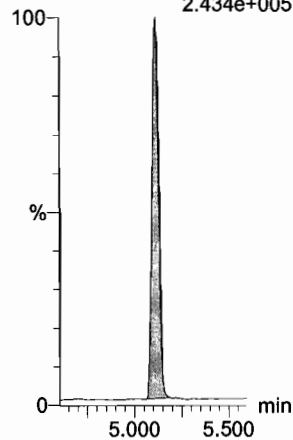


F34:MRM of 2 channels,ES-
513 > 219
2.745e+006



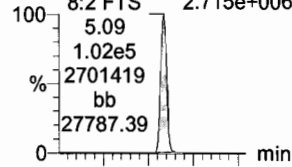
13C2-PFDA

F35:MRM of 1 channel,ES-
515.1 > 469.9
2.434e+005

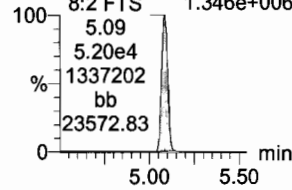


8:2 FTS

F39:MRM of 2 channels,ES-
527 > 506.9
2.715e+006

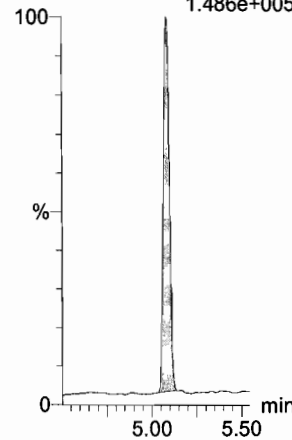


F39:MRM of 2 channels,ES-
527 > 80
1.346e+006



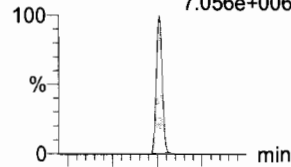
13C2-8:2 FTS

F40:MRM of 1 channel,ES-
529.1 > 508.7
1.486e+005

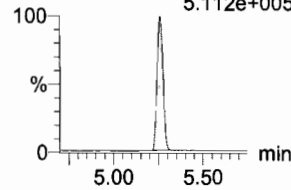


N-MeFOSAA

F44:MRM of 2 channels,ES-
570.1 > 419
7.056e+006

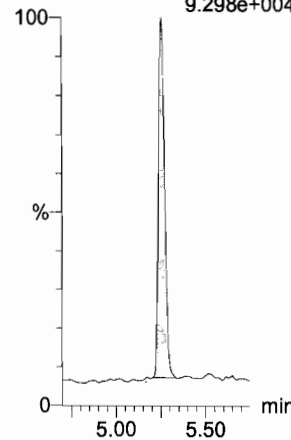


F44:MRM of 2 channels,ES-
570.1 > 483.0
5.112e+005



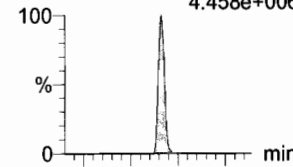
d3-N-MeFOSAA

F46:MRM of 1 channel,ES-
573.3 > 419
9.298e+004

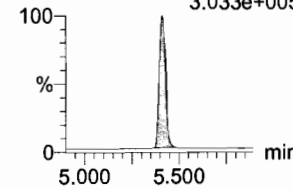


N-EtFOSAA

F47:MRM of 2 channels,ES-
584.2 > 419
4.458e+006

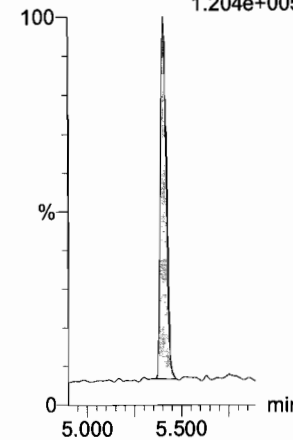


F47:MRM of 2 channels,ES-
584.2 > 483.0
3.033e+005



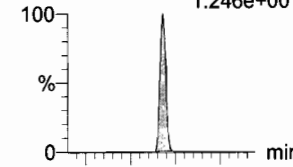
d5-N-EtFOSAA

F48:MRM of 1 channel,ES-
589.3 > 419
1.204e+005

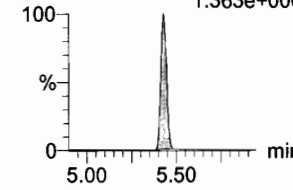


PFUdA

F42:MRM of 2 channels,ES-
563.0 > 518.9
1.246e+007

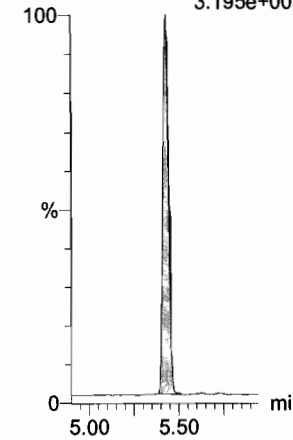


F42:MRM of 2 channels,ES-
563.0 > 269
1.363e+006



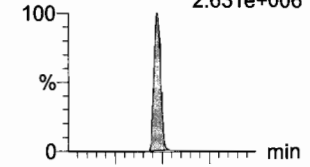
13C2-PFUdA

F43:MRM of 1 channel,ES-
565 > 519.8
3.195e+005

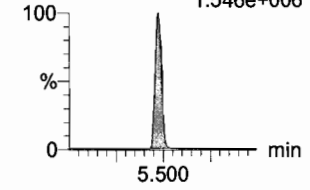


PFDS

F49:MRM of 2 channels,ES-
598.8 > 80
2.631e+006

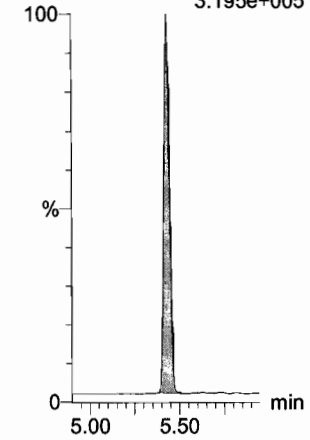


F49:MRM of 2 channels,ES-
598.8 > 98.7
1.546e+006



13C2-PFUdA

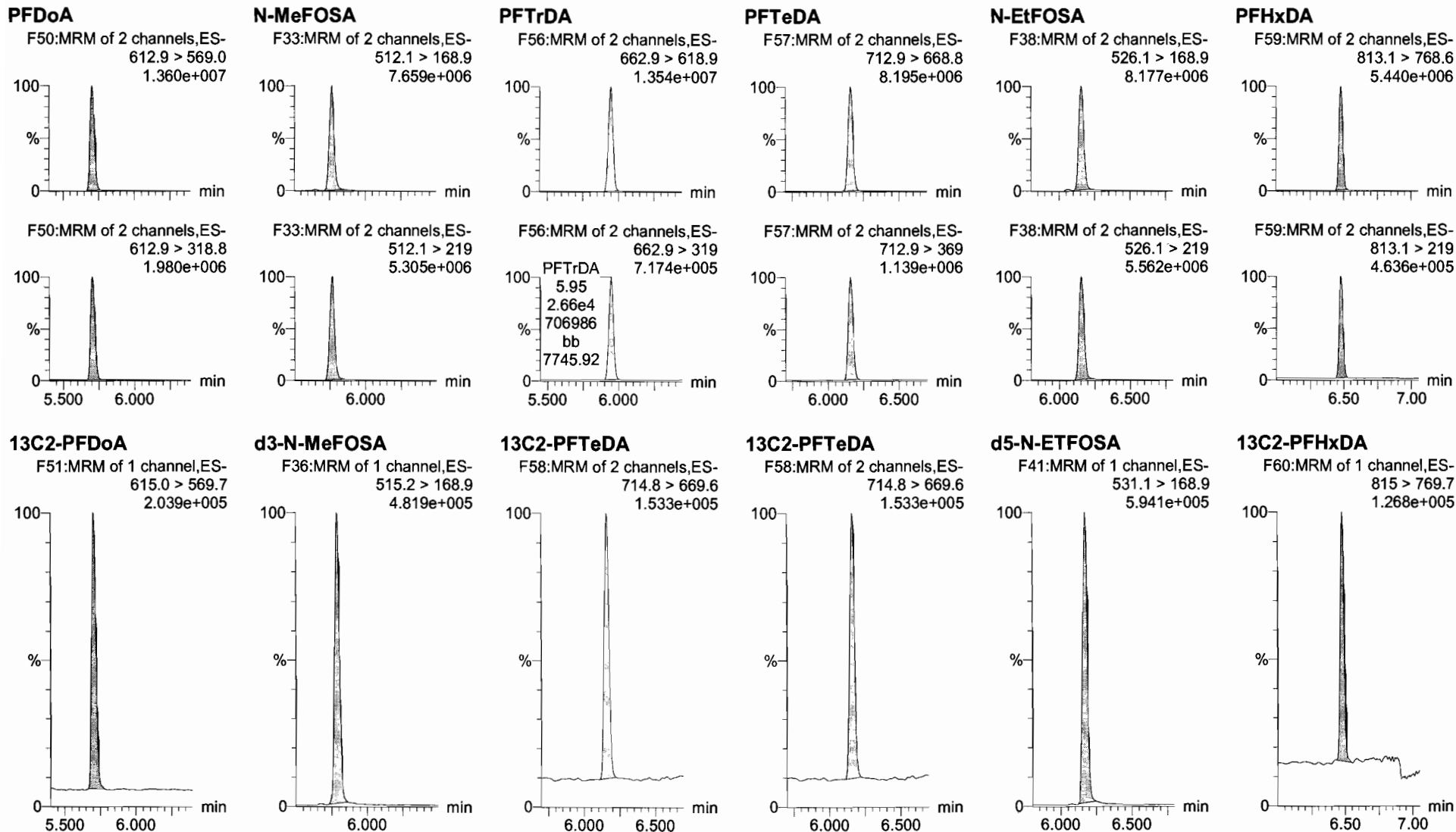
F43:MRM of 1 channel,ES-
565 > 519.8
3.195e+005



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

Last Altered: Tuesday, December 26, 2017 14:25:27 Pacific Standard Time
Printed: Tuesday, December 26, 2017 14:27:31 Pacific Standard Time

Name: 171224M1_11, Date: 24-Dec-2017, Time: 14:17:25, ID: ST171224M1-10 PFC CS7 17L1804, Description: PFC CS7 17L1804

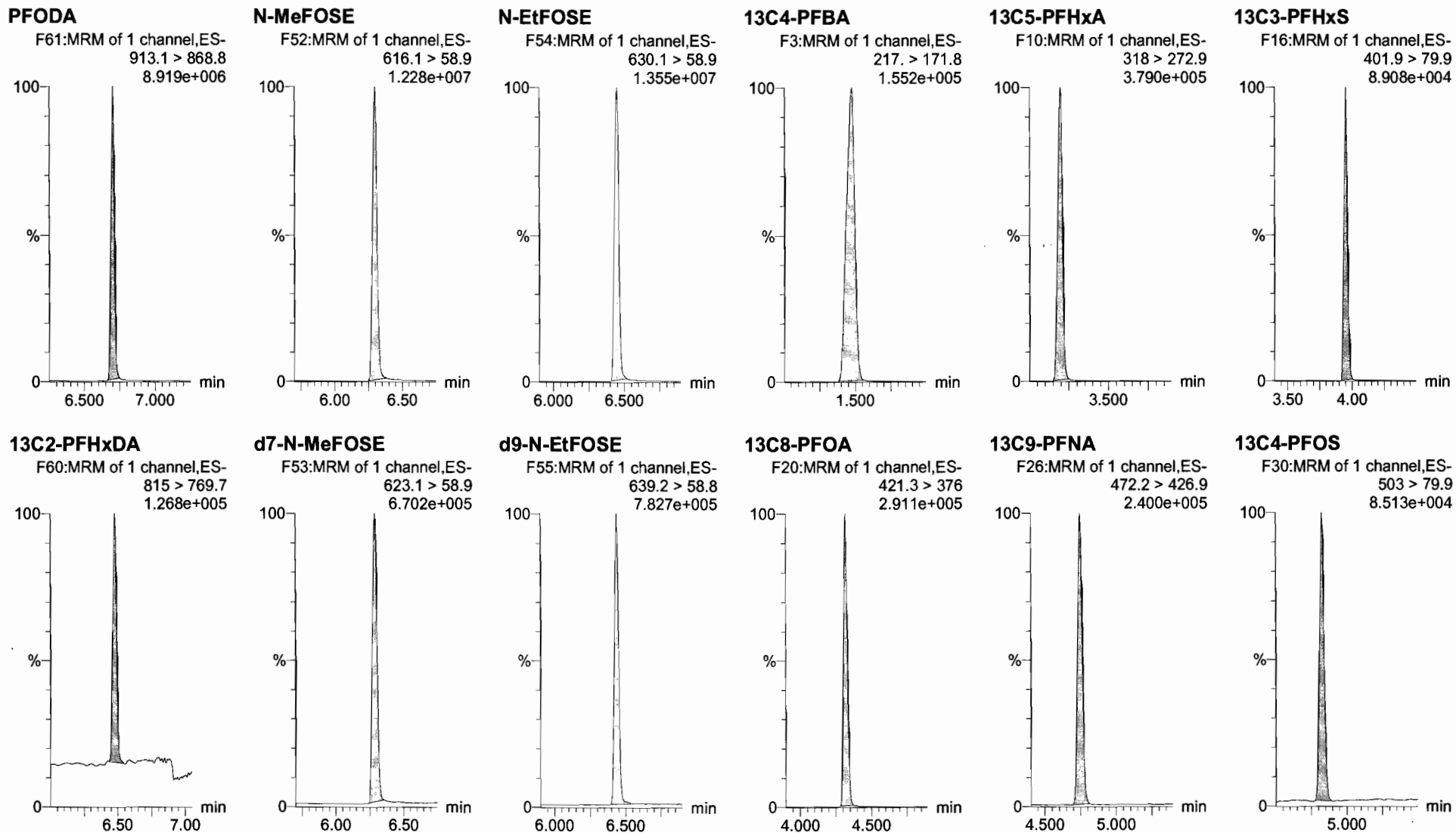


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Last Altered: Tuesday, December 26, 2017 14:25:27 Pacific Standard Time

Printed: Tuesday, December 26, 2017 14:27:31 Pacific Standard Time

Name: 171224M1_11, Date: 24-Dec-2017, Time: 14:17:25, ID: ST171224M1-10 PFC CS7 17L1804, Description: PFC CS7 17L1804



Dataset: U:\Q4.PRO\results\171224M1\171224M1_crvB.qld

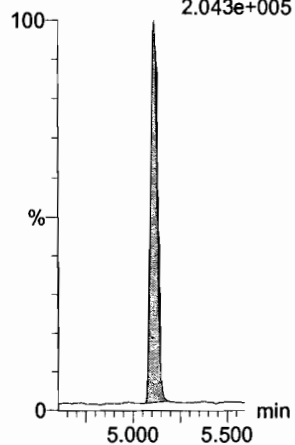
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Printed: Tuesday, December 26, 2017 14:27:31 Pacific Standard Time

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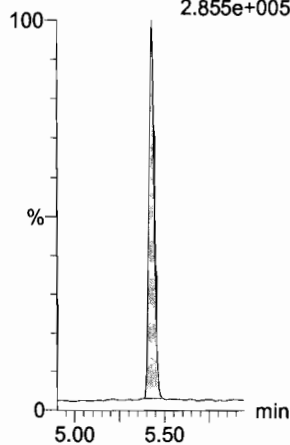
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
2.043e+005



13C7-PFUDa

F45:MRM of 1 channel,ES-
570.1 > 524.8
2.855e+005



Ⓛ Not present in SS

Dataset: U:\Q4.PRO\results\171224M1\171224M1_13.qld

Last Altered: Tuesday, December 26, 2017 14:48:54 Pacific Standard Time

Printed: Tuesday, December 26, 2017 14:49:14 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_122317.mdb 26 Dec 2017 14:44:36

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_12-24-17_NEWIS.cdb 26 Dec 2017 14:44:46

CP 12/26/17

JFA 12/26/2017

Name: 171224M1_13, Date: 24-Dec-2017, Time: 14:39:47, ID: ICV171224M1-1 PFC ICV 17L1201, Description: PFC ICV 17L1201

#	Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	1 PFBA	213.0 > 168.8	9.32e3	1.01e4	1.0000		1.47	1.47	11.5	9.487	94.9
2	2 PFPeA	263.1 > 218.9	1.13e4	1.39e4	1.0000		2.44	2.44	10.2	9.430	94.3
3	3 PFBS	299.0 > 79.7	2.38e3	1.54e3	1.0000		2.70	2.71	19.2	9.091	90.9
4	4 PFHxA	313.2 > 268.9	1.33e4	4.39e3	1.0000		3.20	3.20	15.1	10.332	103.3
5	5 PFHpA	363.0 > 318.9	1.14e4	8.72e3	1.0000		3.80	3.81	16.3	10.607	106.1
6	6 L-PFHxS	398.9 > 79.6	2.10e3	1.34e3	1.0000		3.95	3.95	19.6	8.678	86.8
7	8 6:2 FTS	427.1 > 407	2.66e3	1.41e4	1.0000		4.26	4.26	2.36	10.798	108.0
8	9 L-PFOA	413 > 368.7	1.14e4	1.41e4	1.0000		4.32	4.32	10.1	8.980	89.8
9	11 PFHpS	449 > 80.0	2.42e3	1.41e4	1.0000		4.43	4.42	2.16	8.604	86.0
10	12 PFNA	463.0 > 418.8	1.27e4	1.35e4	1.0000		4.75	4.75	11.7	7.980	79.8
11	13 PFOSA	498.1 > 77.8	3.64e3	4.55e3	1.0000		4.81	4.80	10.0	10.550	105.5
12	14 L-PFOS	499 > 79.9	2.90e3	4.09e3	1.0000		4.83	4.83	8.88	7.952	79.5
13	16 PFDA	513 > 468.8	1.26e4	1.36e4	1.0000		5.11	5.11	11.6	8.538	85.4
14	17 8:2 FTS	527 > 506.9	2.58e3	1.36e4	1.0000		5.09	5.08	2.37	9.261	92.6
15	18 N-MeFOSAA	570.1 > 419	6.74e3	4.81e3	1.0000		5.26	5.26	17.5	8.755	87.5
16	19 N-EtFOSAA	584.2 > 419	5.32e3	5.19e3	1.0000		5.42	5.41	12.8	9.897	99.0
17	20 PFUdA	563.0 > 518.9	1.16e4	1.24e4	1.0000		5.43	5.43	11.7	11.036	110.4
18	21 PFDS	598.8 > 80	2.99e3	1.24e4	1.0000		5.50	5.47	3.01	9.528	95.3
19	22 PFDoA	612.9 > 569.0	1.38e4	8.12e3	1.0000		5.70	5.70	21.2	10.114	101.1
20	23 N-MeFOSA	512.1 > 168.9		2.04e4	1.0000		5.77				
21	24 PFTTrDA	662.9 > 618.9	1.06e4	7.57e3	1.0000		5.95	5.94	17.5	7.117	71.2
22	25 PFTeDA	712.9 > 668.8	8.78e3	7.57e3	1.0000		6.16	6.16	14.5	7.798	78.0
23	26 N-EtFOSA	526.1 > 168.9		3.07e4	1.0000		6.15				
24	27 PFHxDA	813.1 > 768.6		3.89e3	1.0000		6.48				
25	28 PFOA	913.1 > 868.8		3.89e3	1.0000		6.70				
26	29 N-MeFOSE	616.1 > 58.9		2.81e4	1.0000		6.30				
27	30 N-EtFOSE	630.1 > 58.9		3.06e4	1.0000		6.42				
28	31 13C3-PFBA	216.1 > 171.8	1.01e4	1.15e4	1.0000	0.895	1.47	1.47	11.0	12.335	98.7
29	32 13C3-PFPeA	266. > 221.8	1.39e4	1.53e4	1.0000	0.867	2.44	2.44	11.3	13.083	104.7
30	33 13C3-PFBS	302. > 98.8	1.54e3	1.53e4	1.0000	0.109	2.70	2.70	1.26	11.591	92.7
31	Work Order 171224M1-1	315 > 269.8	4.39e3	1.53e4	1.0000	0.777	3.20	3.20	3.58	4.608	92.2

70-130

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Dataset: U:\Q4.PRO\results\171224M1\171224M1_13.qld

Last Altered: Tuesday, December 26, 2017 14:48:54 Pacific Standard Time

Printed: Tuesday, December 26, 2017 14:49:14 Pacific Standard Time

Name: 171224M1_13, Date: 24-Dec-2017, Time: 14:39:47, ID: ICV171224M1-1 PFC ICV 17L1201, Description: PFC ICV 17L1201

#	Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	
32	35	13C4-PFHpA	367.2 > 321.8	8.72e3	1.53e4	1.0000	0.600	3.80	3.81	7.11	11.856	94.8
33	36	18O2-PFHxS	403.0 > 102.6	1.34e3	3.06e3	1.0000	0.444	3.95	3.95	5.48	12.328	98.6
34	37	13C2-6:2 FTS	429.1 > 408.9	2.85e3	1.11e4	1.0000	0.385	4.26	4.27	3.21	8.339	66.7
35	38	13C2-PFOA	414.9 > 369.7	1.41e4	1.11e4	1.0000	1.237	4.32	4.32	15.8	12.780	102.2
36	39	13C5-PFNA	468.2 > 422.9	1.35e4	1.24e4	1.0000	0.911	4.75	4.75	13.6	14.910	119.3
37	40	13C8-PFOA	506.1 > 77.7	4.55e3	1.24e4	1.0000	0.400	4.81	4.81	4.60	11.507	92.1
38	41	13C8-PFOS	507.0 > 79.9	4.09e3	3.34e3	1.0000	1.009	4.83	4.83	15.3	15.163	121.3
39	42	13C2-PFDA	515.1 > 469.9	1.36e4	9.04e3	1.0000	1.195	5.11	5.11	18.8	15.743	125.9
40	43	13C2-8:2 FTS	529.1 > 508.7	2.07e3	1.53e4	1.0000	0.168	5.09	5.09	1.69	10.029	80.2
41	44	d3-N-MeFOSAA	573.3 > 419	4.81e3	1.24e4	1.0000	0.418	5.26	5.26	4.87	11.630	93.0
42	45	d5-N-EtFOSAA	589.3 > 419	5.19e3	1.24e4	1.0000	0.445	5.42	5.41	5.25	11.814	94.5
43	46	13C2-PFUdA	565 > 519.8	1.24e4	1.24e4	1.0000	1.212	5.43	5.43	12.6	10.368	82.9
44	47	13C2-PFDoA	615.0 > 569.7	8.12e3	1.24e4	1.0000	0.685	5.70	5.70	8.22	11.996	96.0
45	48	d3-N-MeFOSA	515.2 > 168.9	2.04e4	1.24e4	1.0000	0.155	5.80	5.79	20.7	133.113	88.7
46	49	13C2-PFTeDA	714.8 > 669.6	7.57e3	1.24e4	1.0000	0.597	6.16	6.16	7.66	12.840	102.7
47	50	d5-N-ETFOSA	531.1 > 168.9	3.07e4	1.24e4	1.0000	0.227	6.16	6.17	31.1	136.621	91.1
48	51	13C2-PFHxDA	815 > 769.7	3.89e3	1.24e4	1.0000	0.902	6.48	6.48	3.93	4.357	87.1
49	52	d7-N-MeFOSE	623.1 > 58.9	2.81e4	1.24e4	1.0000	0.214	6.30	6.29	28.4	132.529	88.4
50	53	d9-N-EtFOSE	639.2 > 58.8	3.06e4	1.24e4	1.0000	0.219	6.42	6.44	30.9	141.460	94.3
51	54	13C4-PFBA	217. > 171.8	1.15e4	1.15e4	1.0000	1.000	1.47	1.47	12.5	12.500	100.0
52	55	13C5-PFHxA	318 > 272.9	1.53e4	1.53e4	1.0000	1.000	3.20	3.20	12.5	12.500	100.0
53	56	13C3-PFHxS	401.9 > 79.9	3.06e3	3.06e3	1.0000	1.000	3.95	3.95	12.5	12.500	100.0
54	57	13C8-PFOA	421.3 > 376	1.11e4	1.11e4	1.0000	1.000	4.32	4.32	12.5	12.500	100.0
55	58	13C9-PFNA	472.2 > 426.9	1.24e4	1.24e4	1.0000	1.000	4.75	4.75	12.5	12.500	100.0
56	59	13C4-PFOS	503 > 79.9	3.34e3	3.34e3	1.0000	1.000	4.83	4.83	12.5	12.500	100.0
57	60	13C6-PFDA	519.1 > 473.7	9.04e3	9.04e3	1.0000	1.000	5.11	5.11	12.5	12.500	100.0
58	61	13C7-PFUdA	570.1 > 524.8	1.24e4	1.24e4	1.0000	1.000	5.43	5.43	12.5	12.500	100.0

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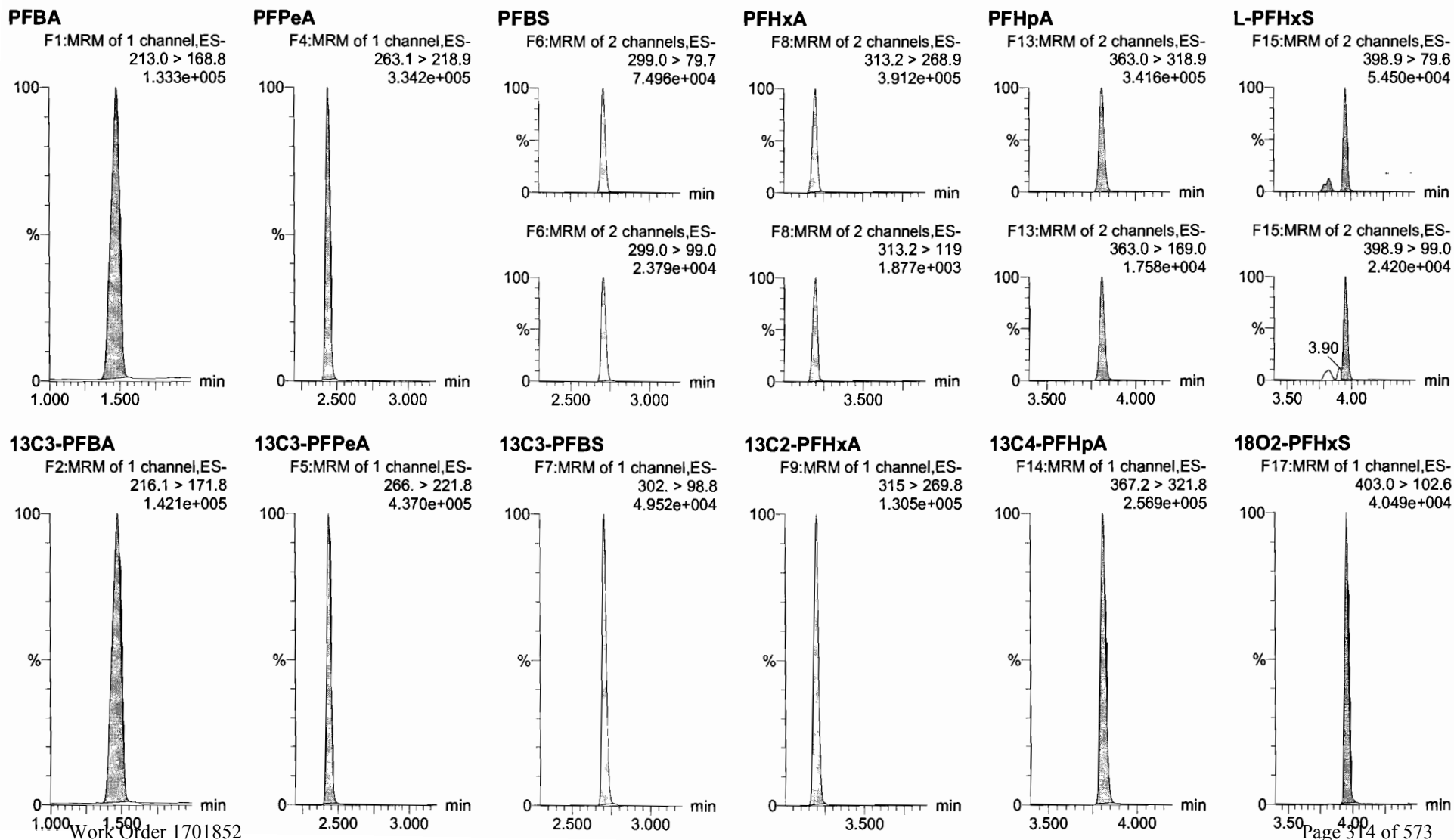
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Printed: Tuesday, December 26, 2017 14:49:14 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_122317.mdb 26 Dec 2017 14:44:36

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_12-24-17_NEWIS.cdb 26 Dec 2017 14:44:46

Name: 171224M1_13, Date: 24-Dec-2017, Time: 14:39:47, ID: ICV171224M1-1 PFC ICV 17L1201, Description: PFC ICV 17L1201

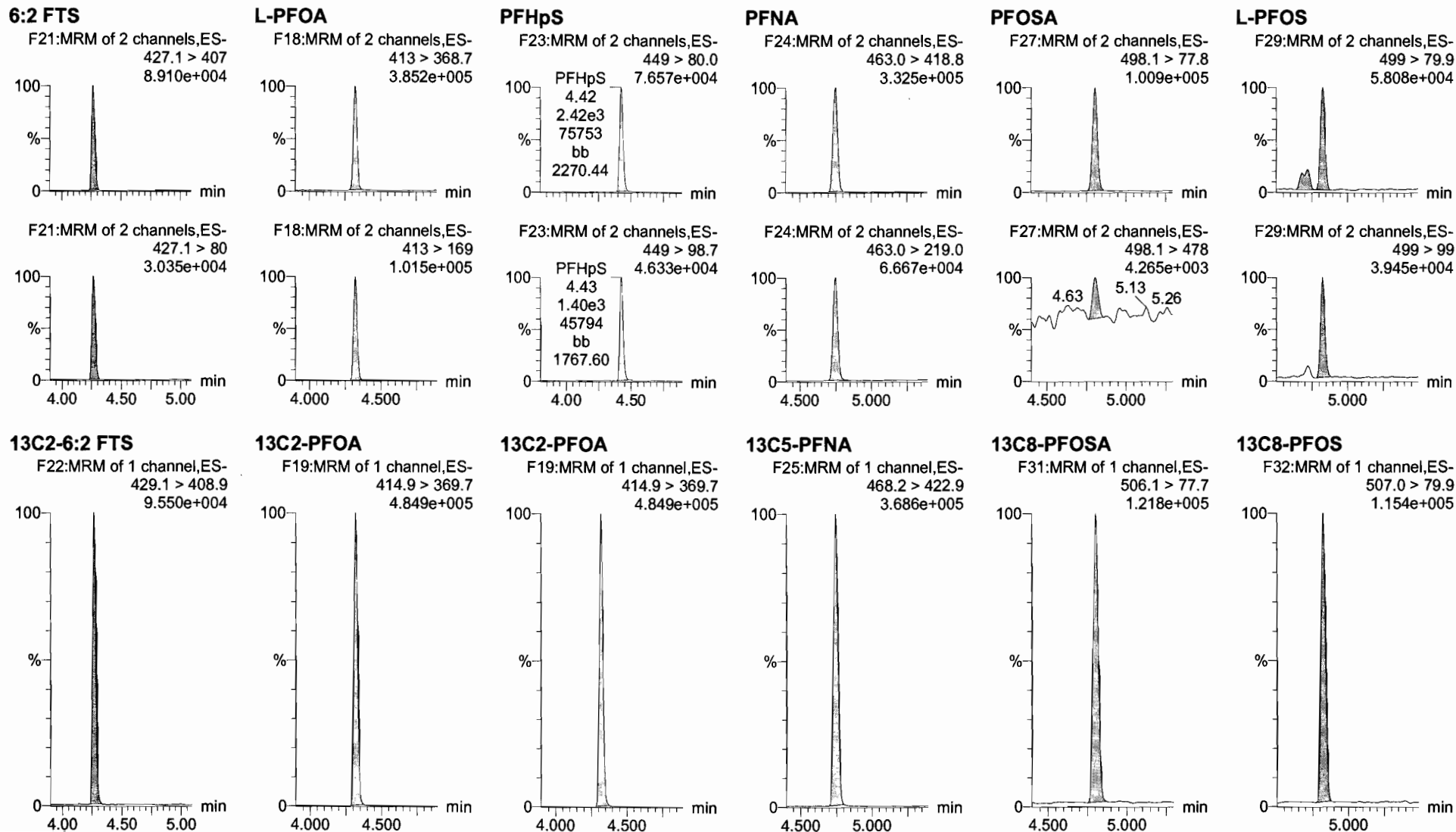


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Printed: Tuesday, December 26, 2017 14:49:14 Pacific Standard Time

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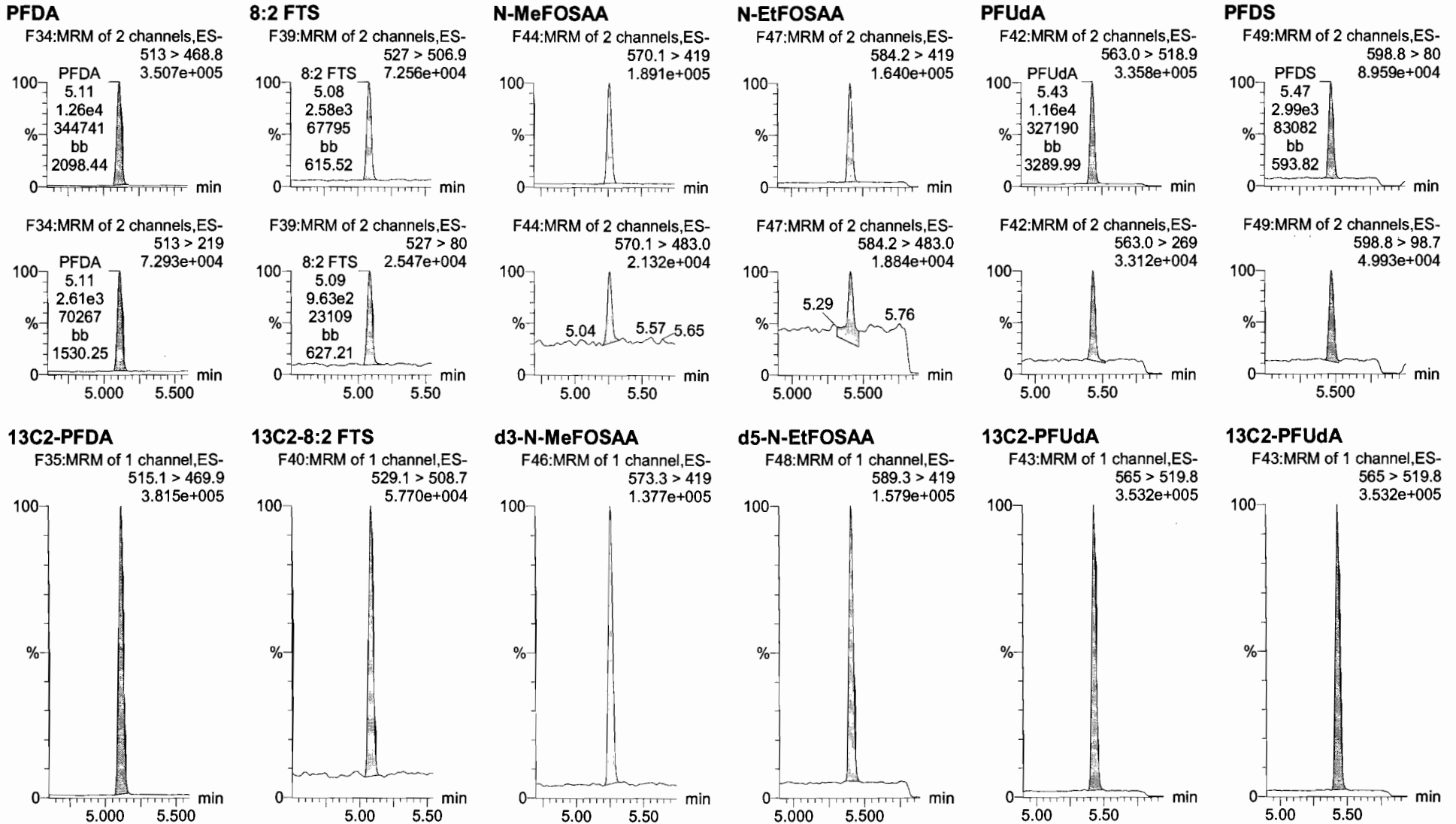


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Last Altered: Tuesday, December 26, 2017 14:48:54 Pacific Standard Time

Printed: Tuesday, December 26, 2017 14:49:14 Pacific Standard Time

Name: 171224M1_13, Date: 24-Dec-2017, Time: 14:39:47, ID: ICV171224M1-1 PFC ICV 17L1201, Description: PFC ICV 17L1201



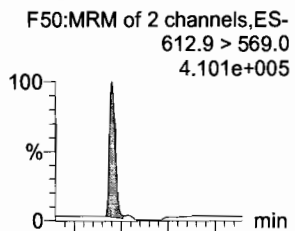
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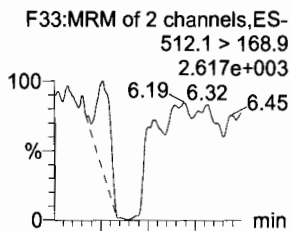
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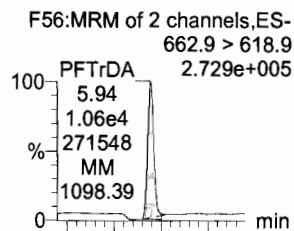
PFDoA



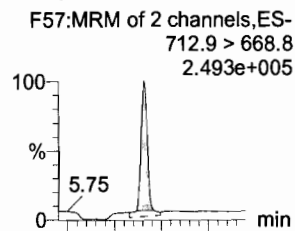
N-MeFOSA



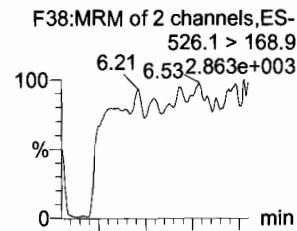
PFTrDA



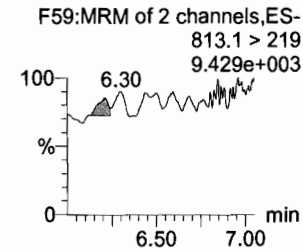
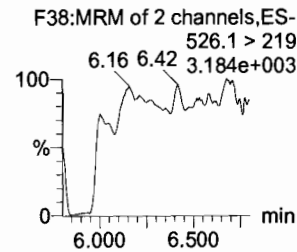
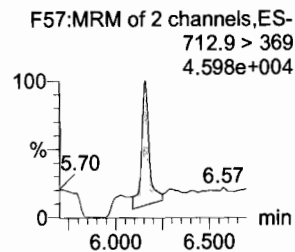
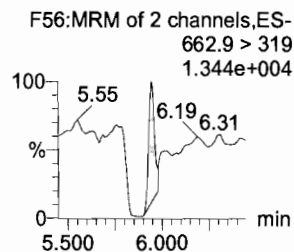
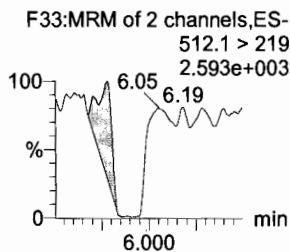
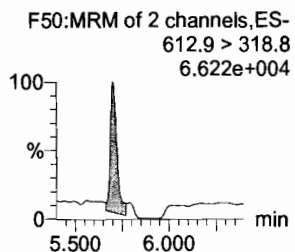
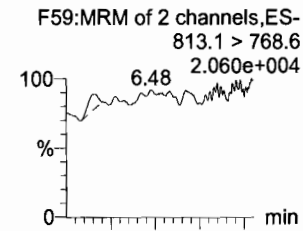
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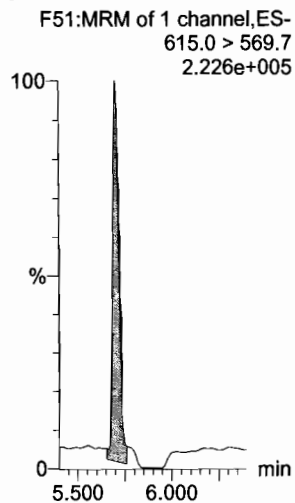
N-EtFOSA



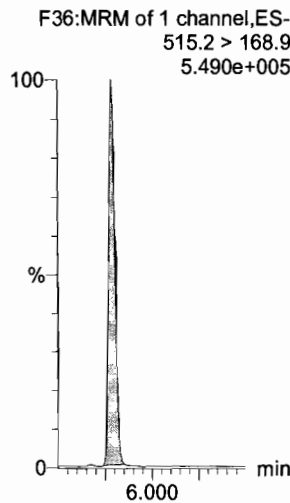
PFHxDA



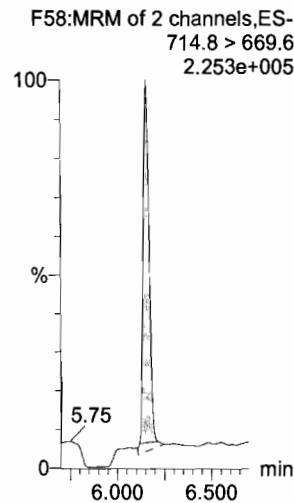
13C2-PFDoA



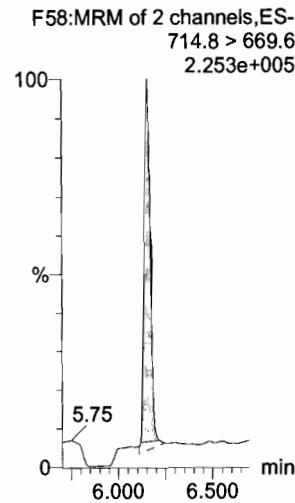
d3-N-MeFOSA



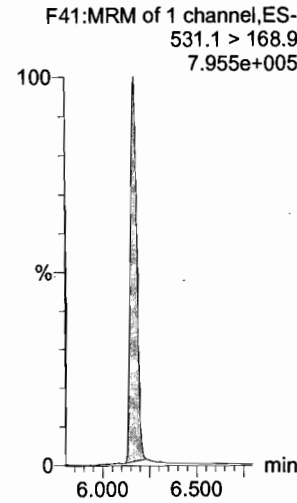
13C2-PFTeDA



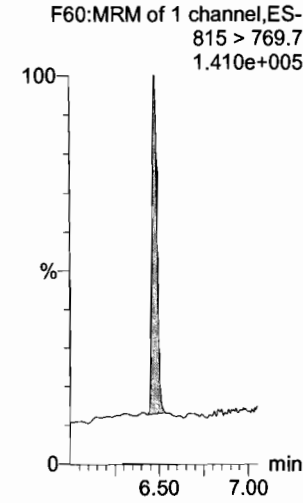
13C2-PFTeDA



d5-N-ETFOSA



13C2-PFHxDA



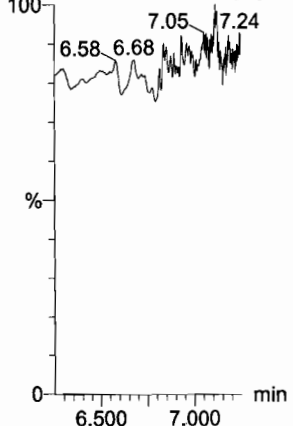
Dataset: U:\Q4.PRO\results\171224M1\171224M1_13.qld

Last Altered: Tuesday, December 26, 2017 14:48:54 Pacific Standard Time
Printed: Tuesday, December 26, 2017 14:49:14 Pacific Standard Time

Name: 171224M1_13, Date: 24-Dec-2017, Time: 14:39:47, ID: ICV171224M1-1 PFC ICV 17L1201, Description: PFC ICV 17L1201

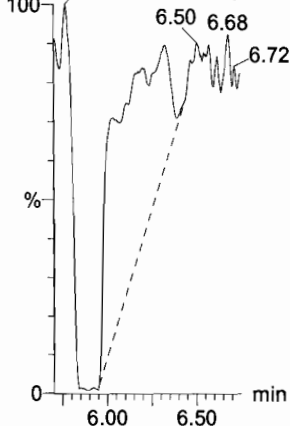
PFODA

F61:MRM of 1 channel,ES-
913.1 > 868.8
2.784e+004



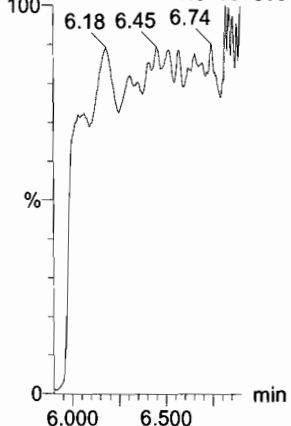
N-MeFOSE

F52:MRM of 1 channel,ES-
616.1 > 58.9
7.316e+003



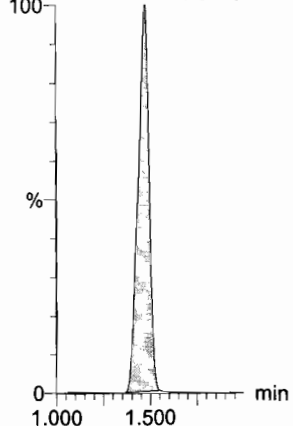
N-EtFOSE

F54:MRM of 1 channel,ES-
630.1 > 58.9
7.649e+003



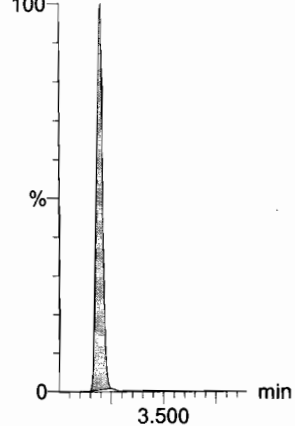
13C4-PFBA

F3:MRM of 1 channel,ES-
217. > 171.8
1.671e+005



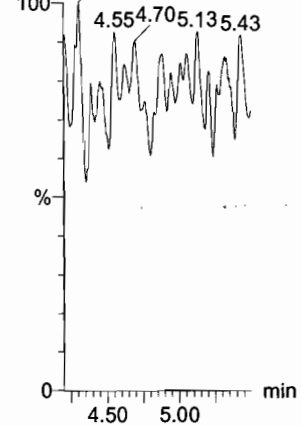
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
4.618e+005



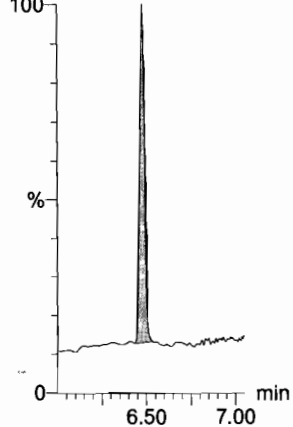
TCDA

F28:MRM of 3 channels,ES-
498.3 > 106.9
1.891e+003



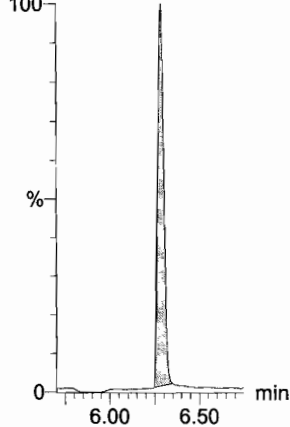
13C2-PFHxDA

F60:MRM of 1 channel,ES-
815 > 769.7
1.410e+005



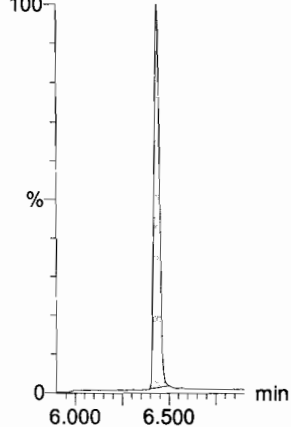
d7-N-MeFOSE

F53:MRM of 1 channel,ES-
623.1 > 58.9
7.443e+005



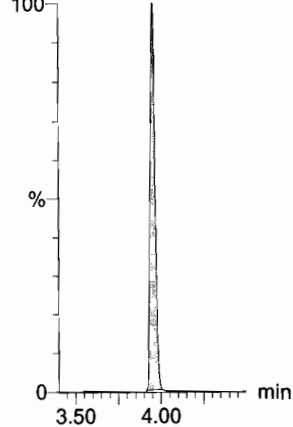
d9-N-EtFOSE

F55:MRM of 1 channel,ES-
639.2 > 58.8
9.262e+005



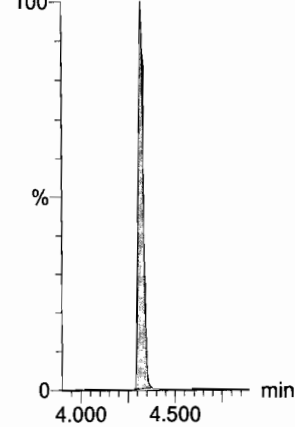
13C3-PFHxS

F16:MRM of 1 channel,ES-
401.9 > 79.9
9.422e+004



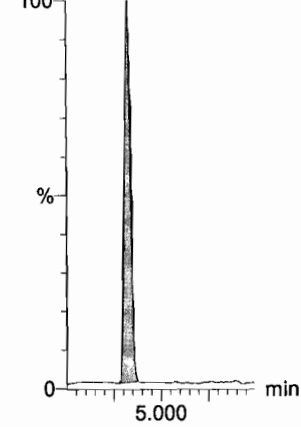
13C8-PFOA

F20:MRM of 1 channel,ES-
421.3 > 376
3.760e+005



13C8-PFOS

F32:MRM of 1 channel,ES-
507.0 > 79.9
1.154e+005



Dataset: U:\Q4.PRO\results\171224M1\171224M1_13.qld

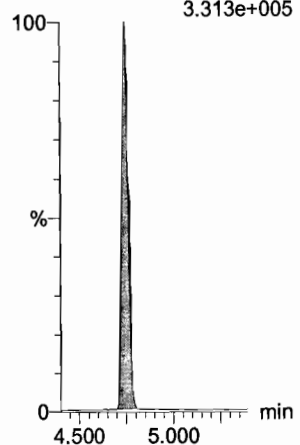
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Printed: Tuesday, December 26, 2017 14:49:14 Pacific Standard Time

Name: 171224M1_13, Date: 24-Dec-2017, Time: 14:39:47, ID: ICV171224M1-1 PFC ICV 17L1201, Description: PFC ICV 17L1201

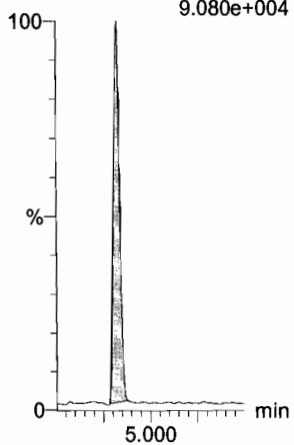
13C9-PFNA

F26:MRM of 1 channel,ES-
472.2 > 426.9
3.313e+005



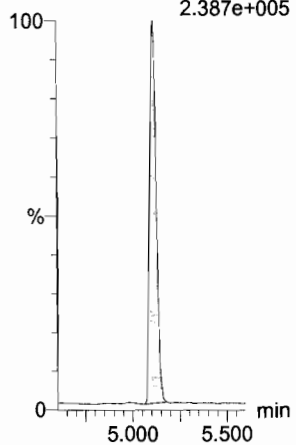
13C4-PFOS

F30:MRM of 1 channel,ES-
503 > 79.9
9.080e+004



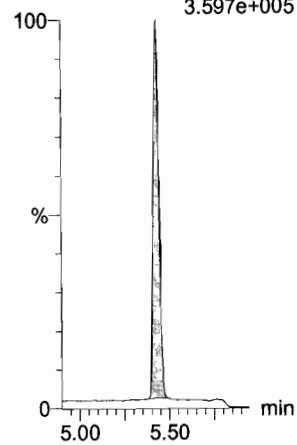
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
2.387e+005



13C7-PFUDA

F45:MRM of 1 channel,ES-
570.1 > 524.8
3.597e+005



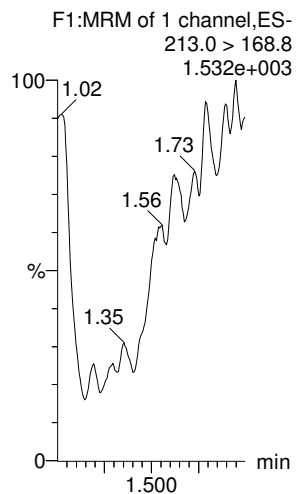
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Last Altered: Tuesday, December 26, 2017 11:57:48 Pacific Standard Time
Printed: Tuesday, December 26, 2017 11:58:20 Pacific Standard Time

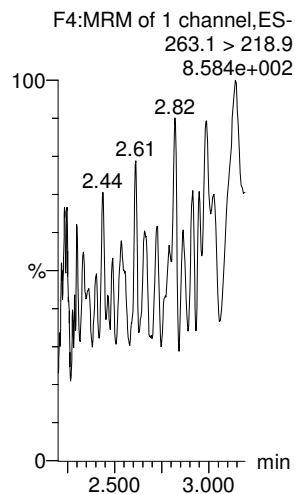
Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_122317.mdb 26 Dec 2017 11:18:32
Calibration: 26 Dec 2017 11:57:48

Name: 171224M1_12, Date: 24-Dec-2017, Time: 14:28:35, ID: IPA, Description: IPA

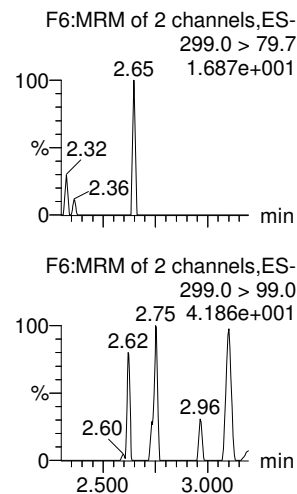
PFBA



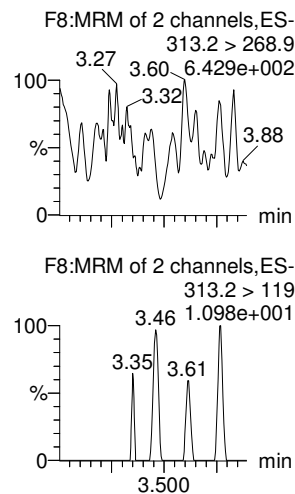
PFPeA



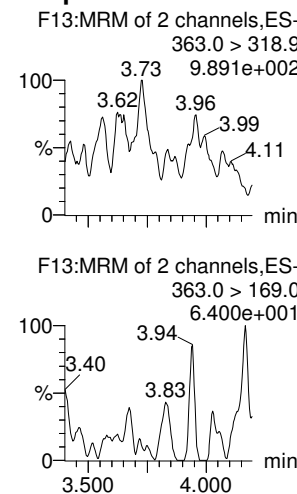
PFBS



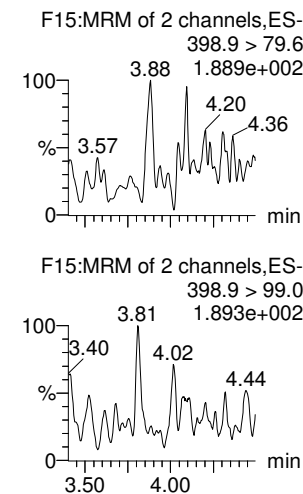
PFHxA



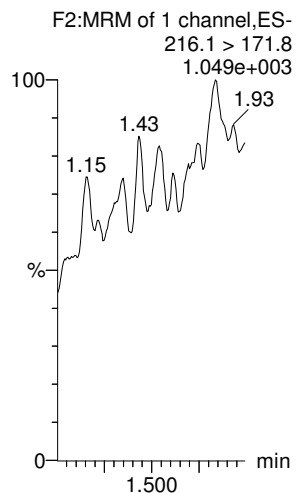
PFHpA



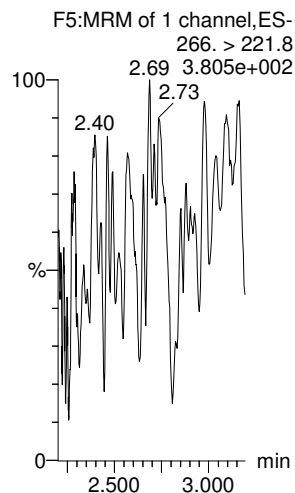
L-PFHxS



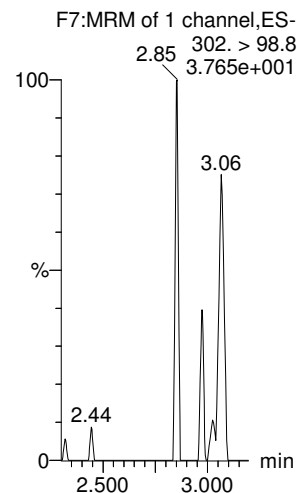
13C3-PFBA



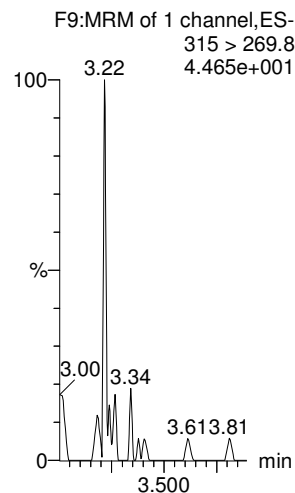
13C3-PFPeA



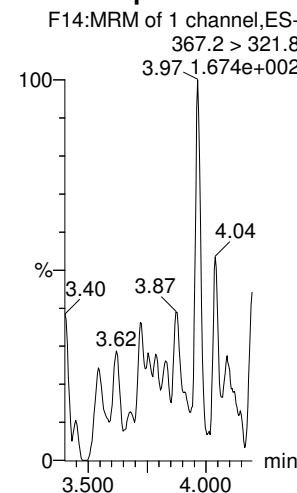
13C3-PFBS



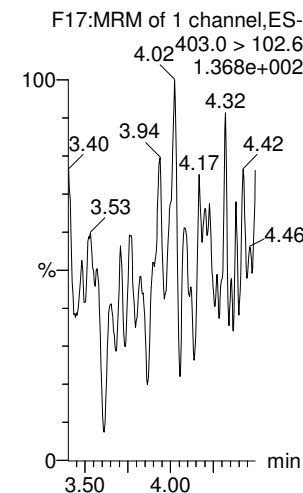
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



Dataset: Untitled

Last Altered: Tuesday, December 26, 2017 11:57:48 Pacific Standard Time

Printed: Tuesday, December 26, 2017 11:58:20 Pacific Standard Time

Name: 171224M1_12, Date: 24-Dec-2017, Time: 14:28:35, ID: IPA, Description: IPA

6:2 FTS

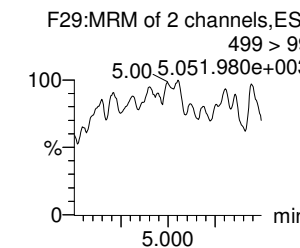
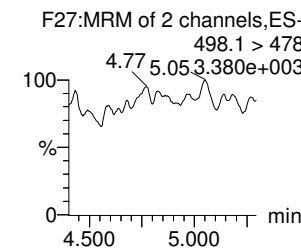
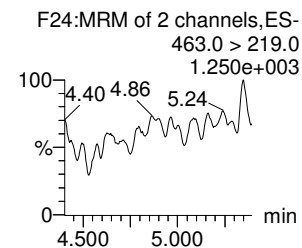
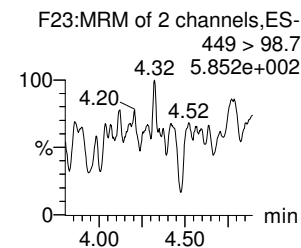
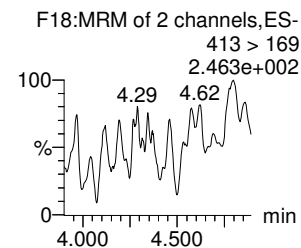
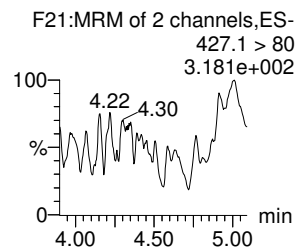
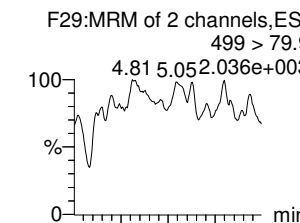
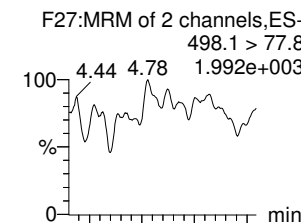
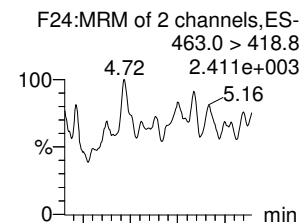
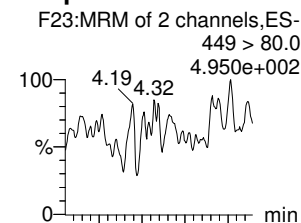
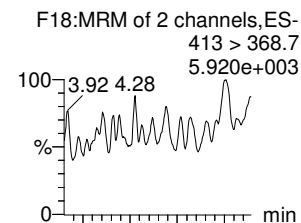
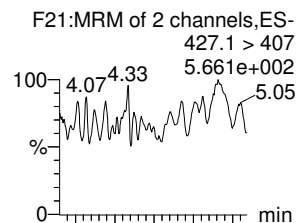
L-PFOA

PFHpS

PFNA

PFOSA

L-PFOS



13C2-6:2 FTS

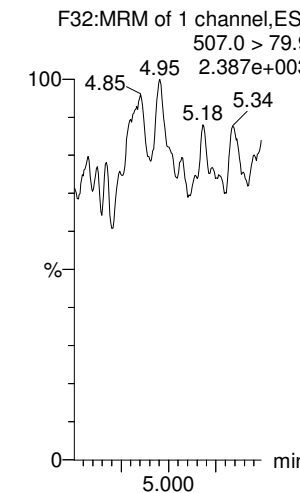
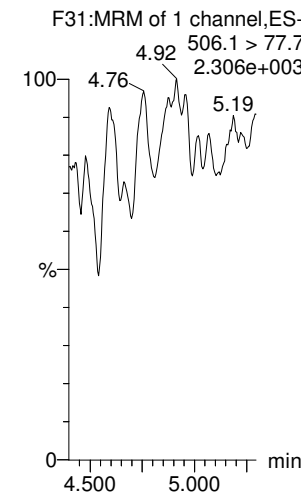
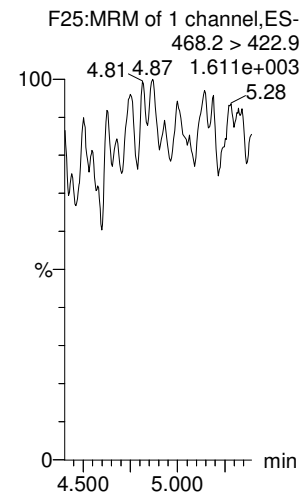
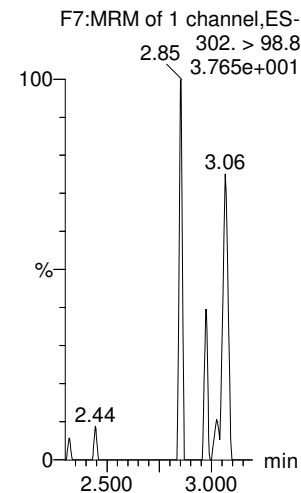
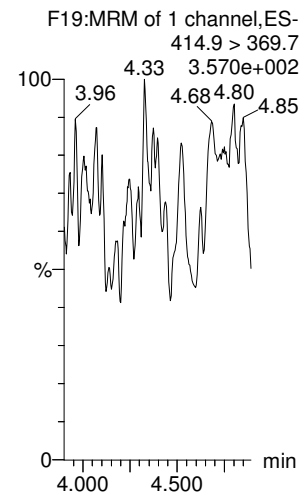
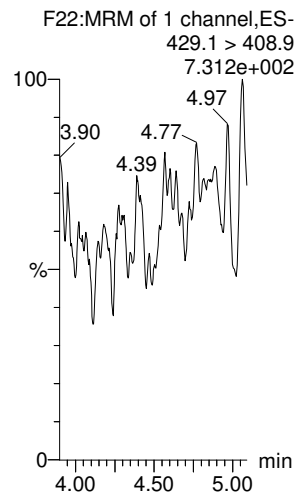
13C2-PFOA

13C3-PFBS

13C5-PFNA

13C8-PFOA

13C8-PFOS



Dataset: Untitled

Last Altered: Tuesday, December 26, 2017 11:57:48 Pacific Standard Time

Printed: Tuesday, December 26, 2017 11:58:20 Pacific Standard Time

Name: 171224M1_12, Date: 24-Dec-2017, Time: 14:28:35, ID: IPA, Description: IPA

PFDA

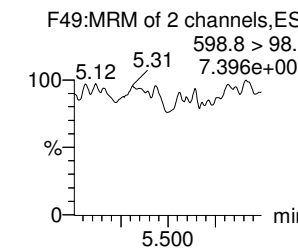
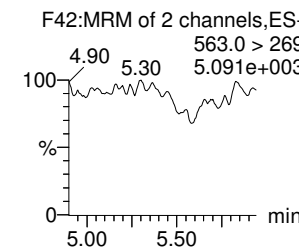
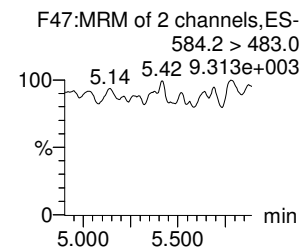
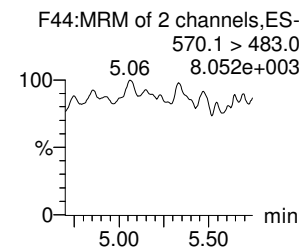
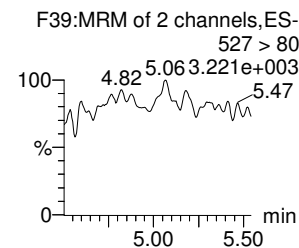
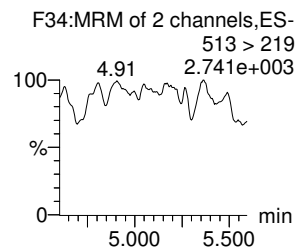
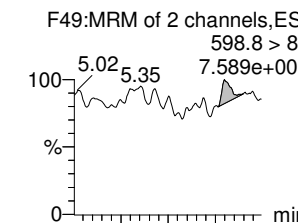
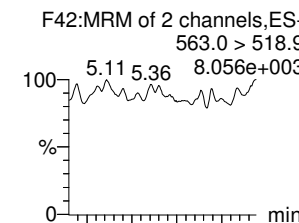
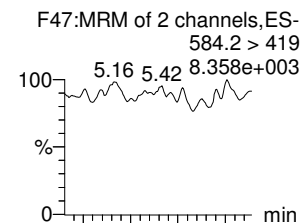
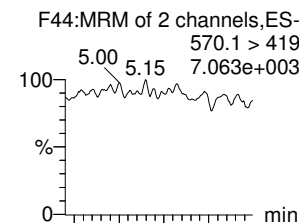
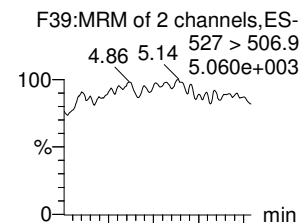
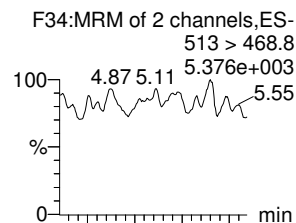
8:2 FTS

N-MeFOSAA

N-EtFOSAA

PFUdA

PFDS



13C2-PFDA

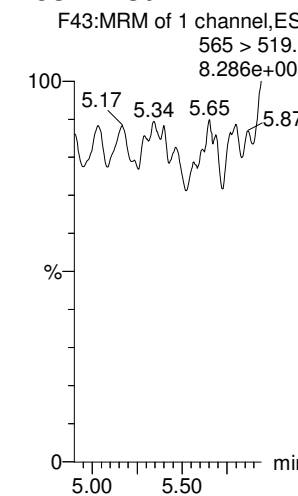
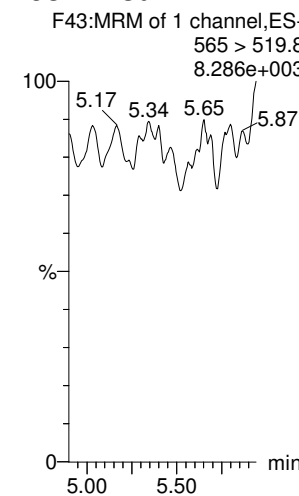
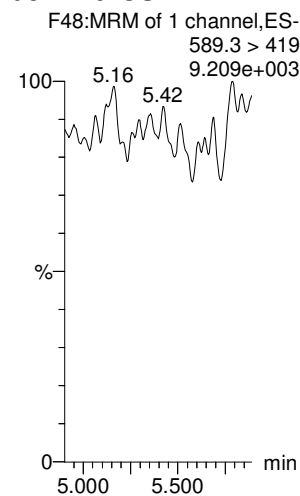
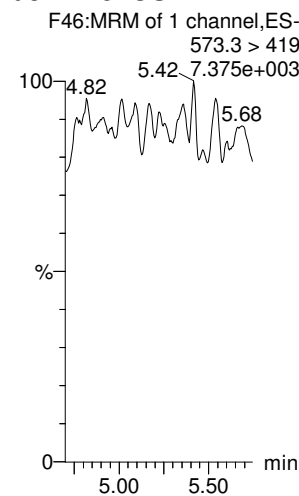
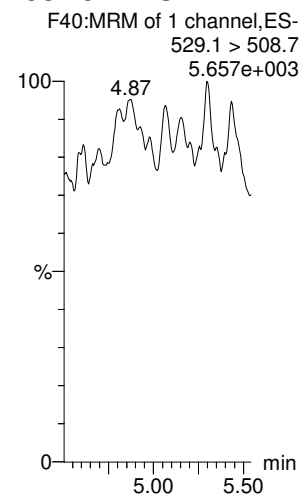
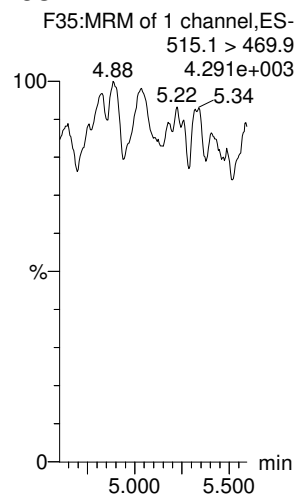
13C2-8:2 FTS

d3-N-MeFOSAA

d5-N-EtFOSAA

13C2-PFUdA

13C2-PFUdA



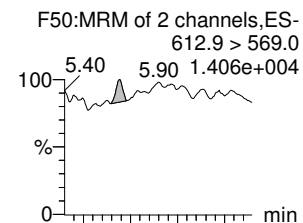
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Last Altered: Tuesday, December 26, 2017 11:57:48 Pacific Standard Time

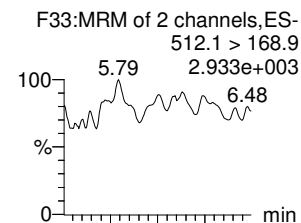
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Name: 171224M1_12, Date: 24-Dec-2017, Time: 14:28:35, ID: IPA, Description: IPA

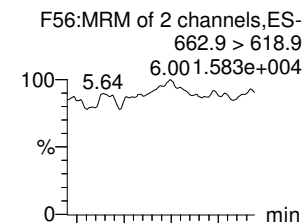
PFDoA



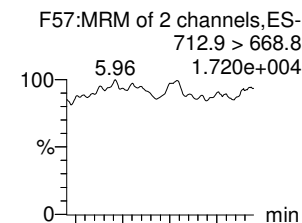
N-MeFOSA



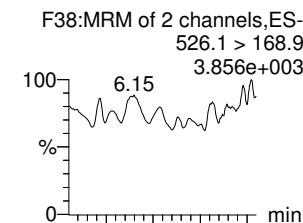
PFTrDA



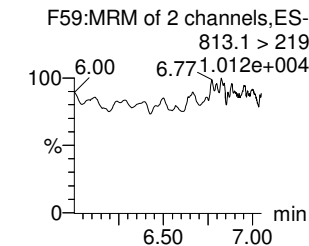
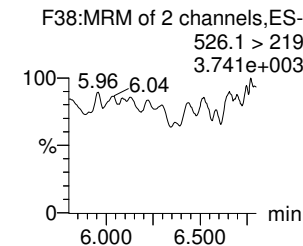
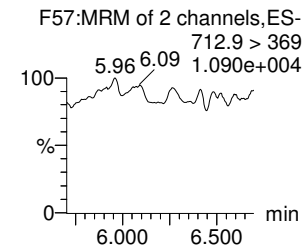
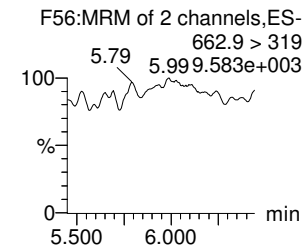
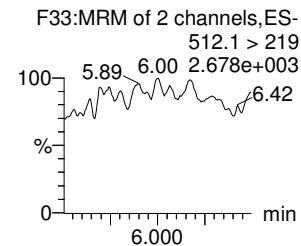
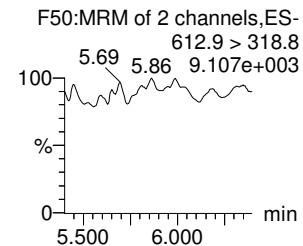
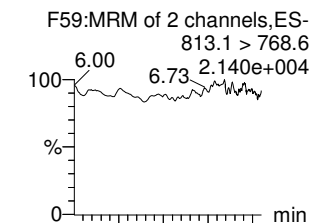
PFTeDA



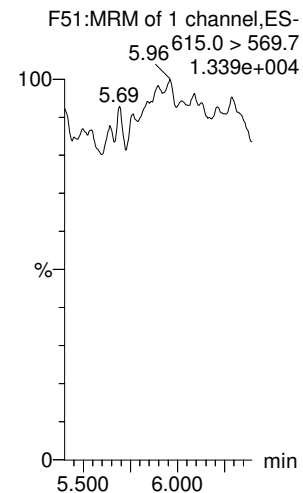
N-EtFOSA



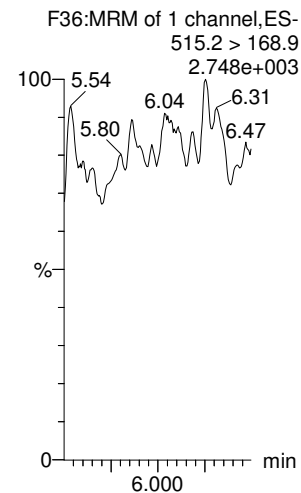
PFHxDA



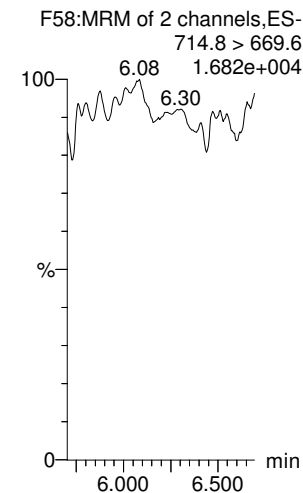
13C2-PFDoA



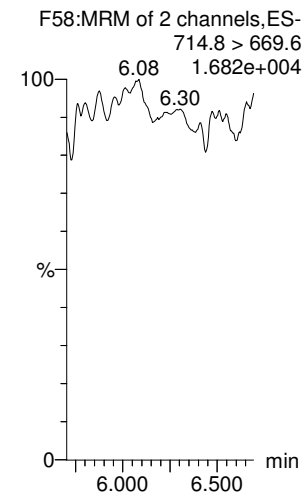
d3-N-MeFOSA



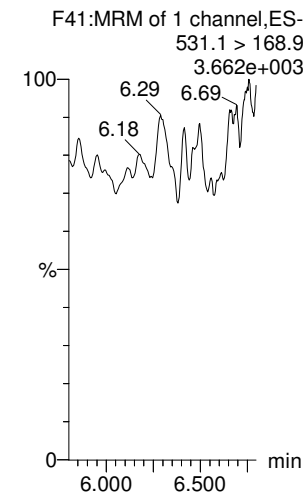
13C2-PFTeDA



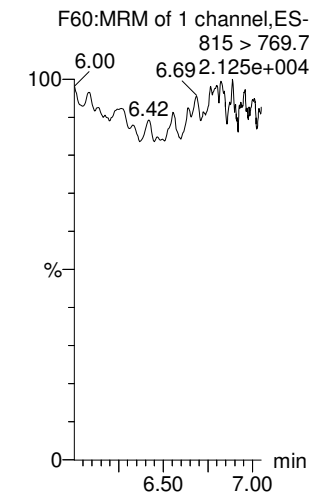
13C2-PFTeDA



d5-N-ETFOSA



13C2-PFHxDA



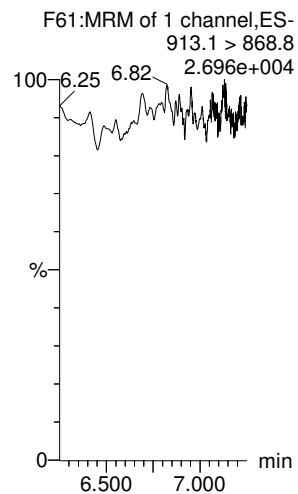
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Last Altered: Tuesday, December 26, 2017 11:57:48 Pacific Standard Time

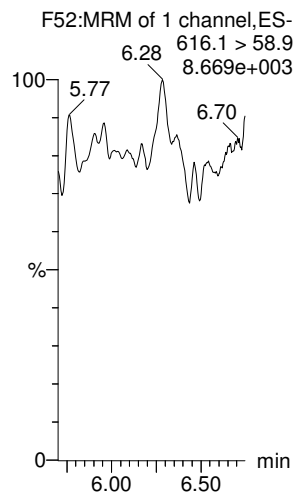
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Name: 171224M1_12, Date: 24-Dec-2017, Time: 14:28:35, ID: IPA, Description: IPA

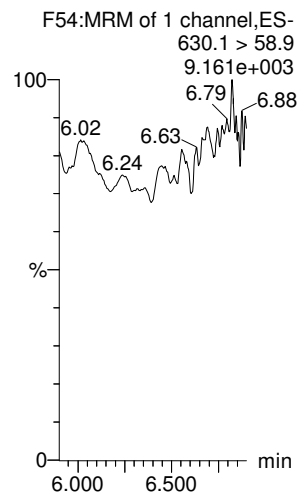
PFODA



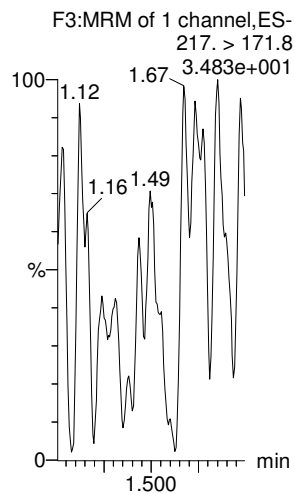
N-MeFOSE



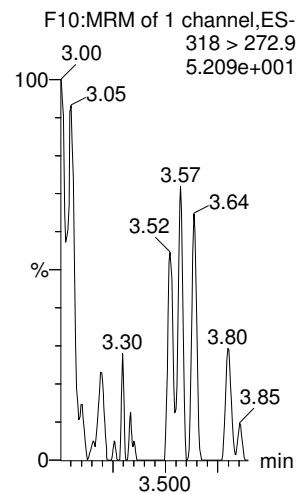
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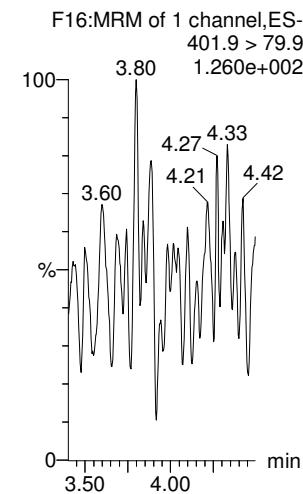
13C4-PFBA



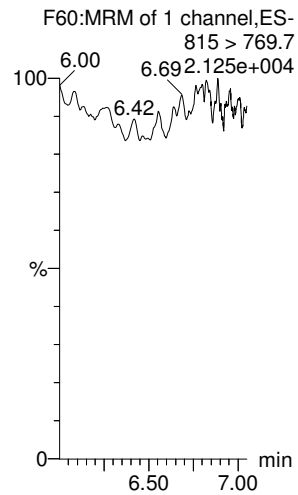
13C5-PFHxA



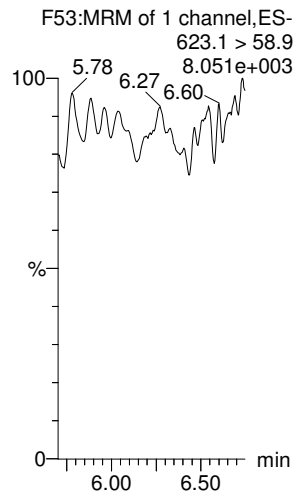
13C3-PFHxS



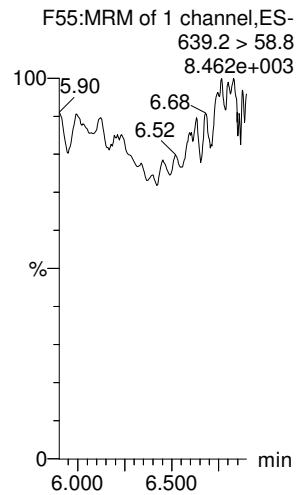
13C2-PFHxDA



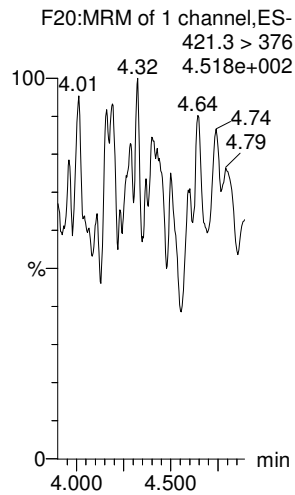
d7-N-MeFOSE



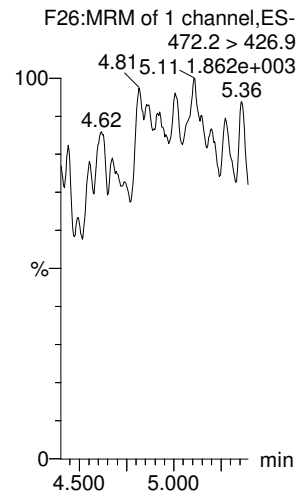
d9-N-EtFOSE



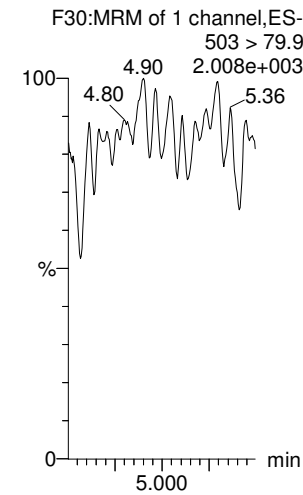
13C8-PFOA



13C9-PFNA



13C4-PFOS



Dataset: Untitled

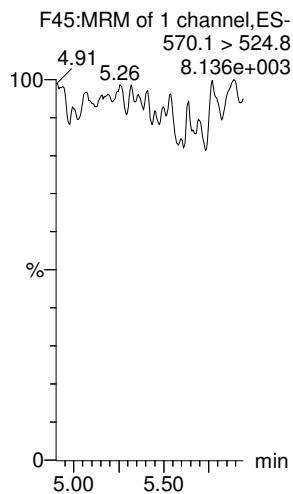
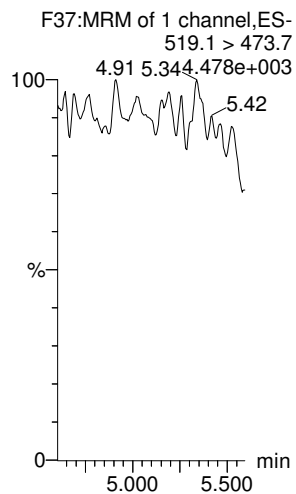
Last Altered: Tuesday, December 26, 2017 11:57:48 Pacific Standard Time

Printed: Tuesday, December 26, 2017 11:58:20 Pacific Standard Time

Name: 171224M1_12, Date: 24-Dec-2017, Time: 14:28:35, ID: IPA, Description: IPA

13C6-PFDA

13C7-PFUdA



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

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Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_010818.mdb 09 Jan 2018 10:39:49
 Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_01-10-18-FULL-M3.cdb 11 Jan 2018 14:26:30

Compound name: PFBA

Correlation coefficient: $r = 0.999526$, $r^2 = 0.999051$

Calibration curve: $1.47179 * x + -0.0484807$

Response type: Internal Std (Ref 31), Area * (IS Conc. / IS Area)

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

P/11/18
VJA 01/11/2018

#	Name	Type	Std. Conc	RT	Area	IS Area	Response	Conc.	%Dev	Conc. Flag	CoD	CoD Flag	x=excluded
1	1 180110M3_2	Standard	0.250	1.34	158.015	5445.118	0.363	0.3	11.8	NO	0.999	NO	MM
2	2 180110M3_3	Standard	0.500	1.34	298.382	5531.277	0.674	0.5	-1.8	NO	0.999	NO	MM
3	3 180110M3_4	Standard	1.000	1.34	656.323	6197.237	1.324	0.9	-6.8	NO	0.999	NO	bb
4	4 180110M3_5	Standard	2.000	1.34	1397.959	6682.359	2.615	1.8	-9.5	NO	0.999	NO	bb
5	5 180110M3_6	Standard	5.000	1.33	5018.948	8645.433	7.257	5.0	-0.7	NO	0.999	NO	bb
6	6 180110M3_7	Standard	10.000	1.34	8762.965	7475.106	14.654	10.0	-0.1	NO	0.999	NO	bb
7	7 180110M3_8	Standard	50.000	1.34	47496.918	8574.918	69.238	47.1	-5.8	NO	0.999	NO	bb
8	8 180110M3_9	Standard	100.000	1.34	92845.438	8087.149	143.508	97.5	-2.5	NO	0.999	NO	bb
9	9 180110M3_10	Standard	250.000	1.34	322793.250	10724.149	376.246	255.7	2.3	NO	0.999	NO	bb

Compound name: PFPeA

Correlation coefficient: $r = 0.999692$, $r^2 = 0.999384$

Calibration curve: $1.26321 * x + -0.0617763$

Response type: Internal Std (Ref 32), 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 180110M3_2	Standard	0.250	2.31	137.895	6191.314	0.278	0.3	7.7	NO	0.999	NO	bb
2	2 180110M3_3	Standard	0.500	2.32	294.900	6388.503	0.577	0.5	1.1	NO	0.999	NO	bb
3	3 180110M3_4	Standard	1.000	2.31	611.176	7240.874	1.055	0.9	-11.6	NO	0.999	NO	bb
4	4 180110M3_5	Standard	2.000	2.31	1403.153	7656.253	2.291	1.9	-6.9	NO	0.999	NO	bb
5	5 180110M3_6	Standard	5.000	2.31	5529.848	10067.521	6.866	5.5	9.7	NO	0.999	NO	bb
6	6 180110M3_7	Standard	10.000	2.32	9436.634	9432.145	12.506	9.9	-0.5	NO	0.999	NO	bb
7	7 180110M3_8	Standard	50.000	2.32	48777.508	9361.531	65.130	51.6	3.2	NO	0.999	NO	bb
8	8 180110M3_9	Standard	100.000	2.31	87627.469	8984.164	121.919	96.6	-3.4	NO	0.999	NO	bb
9	9 180110M3_10	Standard	250.000	2.32	298433.719	11738.701	317.788	251.6	0.6	NO	0.999	NO	bb

Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

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Compound name: PFBS

Coefficient of Determination: $R^2 = 0.999640$

Calibration curve: $0.00081362 * x^2 + 2.12043 * x + 0.00999409$

Response type: Internal Std (Ref 33), 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 180110M3_2	Standard	0.250	2.59	40.093	843.391	0.594	0.3	10.2	NO	1.000	NO	MM
2	2 180110M3_3	Standard	0.500	2.60	65.625	875.797	0.937	0.4	-12.6	NO	1.000	NO	MM
3	3 180110M3_4	Standard	1.000	2.60	157.137	894.616	2.196	1.0	3.0	NO	1.000	NO	bb
4	4 180110M3_5	Standard	2.000	2.60	324.442	1011.215	4.011	1.9	-5.7	NO	1.000	NO	bb
5	5 180110M3_6	Standard	5.000	2.59	1100.859	1232.651	11.164	5.2	5.0	NO	1.000	NO	bb
6	6 180110M3_7	Standard	10.000	2.60	2102.512	1207.154	21.771	10.2	2.2	NO	1.000	NO	bb
7	7 180110M3_8	Standard	50.000	2.59	10660.588	1285.018	103.701	48.0	-4.0	NO	1.000	NO	bb
8	8 180110M3_9	Standard	100.000	2.59	21287.502	1183.646	224.809	102.0	2.0	NO	1.000	NO	bb
9	9 180110M3_10	Standard	250.000	2.60	69073.766	1488.746	579.966	249.6	-0.2	NO	1.000	NO	bb

Compound name: PFHxA

Correlation coefficient: $r = 0.999048$, $r^2 = 0.998098$

Calibration curve: $1.9385 * x + -0.0246659$

Response type: Internal Std (Ref 34), 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 180110M3_2	Standard	0.250	3.09	216.357	2081.847	0.520	0.3	12.3	NO	0.998	NO	bb
2	2 180110M3_3	Standard	0.500	3.09	311.359	2064.240	0.754	0.4	-19.6	NO	0.998	NO	bb
3	3 180110M3_4	Standard	1.000	3.09	809.112	2293.726	1.764	0.9	-7.7	NO	0.998	NO	bb
4	4 180110M3_5	Standard	2.000	3.09	1863.764	2353.448	3.960	2.1	2.8	NO	0.998	NO	bb
5	5 180110M3_6	Standard	5.000	3.09	6463.479	3551.324	9.100	4.7	-5.9	NO	0.998	NO	bb
6	6 180110M3_7	Standard	10.000	3.09	12226.492	2750.103	22.229	11.5	14.8	NO	0.998	NO	bb
7	7 180110M3_8	Standard	50.000	3.09	62812.871	3223.589	97.427	50.3	0.5	NO	0.998	NO	bb
8	8 180110M3_9	Standard	100.000	3.09	121751.227	2973.789	204.707	105.6	5.6	NO	0.998	NO	bb
9	9 180110M3_10	Standard	250.000	3.09	379602.906	4029.222	471.062	243.0	-2.8	NO	0.998	NO	bb

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Compound name: PFHpA

Correlation coefficient: $r = 0.999839$, $r^2 = 0.999677$

Calibration curve: $1.65421 * x + -0.120464$

Response type: Internal Std (Ref 35), 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 180110M3_2	Standard	0.250	3.71	153.400	5439.776	0.352	0.3	14.4	NO	1.000	NO	bb
2	2 180110M3_3	Standard	0.500	3.71	280.672	5317.372	0.660	0.5	-5.7	NO	1.000	NO	bb
3	3 180110M3_4	Standard	1.000	3.71	717.935	6029.103	1.488	1.0	-2.7	NO	1.000	NO	bb
4	4 180110M3_5	Standard	2.000	3.71	1492.550	6373.487	2.927	1.8	-7.9	NO	1.000	NO	bb
5	5 180110M3_6	Standard	5.000	3.71	5516.071	8559.692	8.055	4.9	-1.2	NO	1.000	NO	bb
6	6 180110M3_7	Standard	10.000	3.71	9751.433	7383.596	16.509	10.1	0.5	NO	1.000	NO	bb
7	7 180110M3_8	Standard	50.000	3.71	51160.898	7430.805	86.062	52.1	4.2	NO	1.000	NO	bb
8	8 180110M3_9	Standard	100.000	3.70	97725.922	7501.529	162.843	98.5	-1.5	NO	1.000	NO	bb
9	9 180110M3_10	Standard	250.000	3.71	316358.625	9581.552	412.718	249.6	-0.2	NO	1.000	NO	bb

Compound name: L-PFHxS

Correlation coefficient: $r = 0.999101$, $r^2 = 0.998203$

Calibration curve: $2.11856 * x + -0.208942$

Response type: Internal Std (Ref 36), 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 180110M3_2	Standard	0.250	3.85	19.254	607.107	0.396	0.3	14.3	NO	0.998	NO	MM
2	2 180110M3_3	Standard	0.500	3.86	48.454	587.859	1.030	0.6	17.0	NO	0.998	NO	MM
3	3 180110M3_4	Standard	1.000	3.85	74.238	721.191	1.287	0.7	-29.4	NO	0.998	NO	MM
4	4 180110M3_5	Standard	2.000	3.85	208.085	841.432	3.091	1.6	-22.1	NO	0.998	NO	MM
5	5 180110M3_6	Standard	5.000	3.86	868.133	928.808	11.683	5.6	12.3	NO	0.998	NO	MM
6	6 180110M3_7	Standard	10.000	3.86	1509.147	837.404	22.527	10.7	7.3	NO	0.998	NO	MM
7	7 180110M3_8	Standard	50.000	3.85	7829.683	881.507	111.027	52.5	5.0	NO	0.998	NO	MM
8	8 180110M3_9	Standard	100.000	3.85	15222.428	947.682	200.785	94.9	-5.1	NO	0.998	NO	MM
9	9 180110M3_10	Standard	250.000	3.86	50756.664	1189.369	533.441	251.9	0.8	NO	0.998	NO	MM

Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

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Compound name: 6:2 FTS

Coefficient of Determination: R² = 0.995180

Calibration curve: 0.0125368 * x² + 2.94435 * x + -0.110501

Response type: Internal Std (Ref 36), 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 180110M3_2	Standard	0.250	4.17	27.306	607.107	0.562	0.2	-8.7	NO	0.995	NO	MM
2	2 180110M3_3	Standard	0.500	4.18	82.592	587.859	1.756	0.6	26.5	NO	0.995	NO	bb
3	3 180110M3_4	Standard	1.000	4.17	113.301	721.191	1.964	0.7	-29.8	NO	0.995	NO	bb
4	4 180110M3_5	Standard	2.000	4.17	318.644	841.432	4.734	1.6	-18.3	NO	0.995	NO	bb
5	5 180110M3_6	Standard	5.000	4.17	1331.516	928.808	17.920	6.0	19.4	NO	0.995	NO	bb
6	6 180110M3_7	Standard	10.000	4.17	1956.682	837.404	29.208	9.6	-4.3	NO	0.995	NO	bb
7	7 180110M3_8	Standard	50.000	4.17	12586.734	881.507	178.483	50.0	0.0	NO	0.995	NO	bb
8	8 180110M3_9	Standard	100.000	4.17	18243.367	947.682	240.631	64.2	-35.8	NO	0.995	NO	bbX
9	9 180110M3_10	Standard	250.000	4.17	67354.156	1189.369	707.877	147.6	-40.9	NO	0.995	NO	bbX

Compound name: L-PFOA

Coefficient of Determination: R² = 0.998464

Calibration curve: -9.7055e-005 * x² + 1.26022 * x + 0.185633

Response type: Internal Std (Ref 38), 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 180110M3_2	Standard	0.250	4.23	298.790	6843.800	0.546	0.3	14.3	NO	0.998	NO	MM
2	2 180110M3_3	Standard	0.500	4.23	519.394	7076.908	0.917	0.6	16.1	NO	0.998	NO	MM
3	3 180110M3_4	Standard	1.000	4.22	859.486	9304.335	1.155	0.8	-23.1	NO	0.998	NO	bb
4	4 180110M3_5	Standard	2.000	4.23	1848.242	8455.973	2.732	2.0	1.1	NO	0.998	NO	db
5	5 180110M3_6	Standard	5.000	4.22	5524.569	11446.934	6.033	4.6	-7.2	NO	0.998	NO	bb
6	6 180110M3_7	Standard	10.000	4.23	10129.542	10524.176	12.031	9.4	-5.9	NO	0.998	NO	bb
7	7 180110M3_8	Standard	50.000	4.22	52634.219	9660.232	68.107	54.1	8.2	NO	0.998	NO	bb
8	8 180110M3_9	Standard	100.000	4.22	96777.461	10039.607	120.495	96.2	-3.8	NO	0.998	NO	bb
9	9 180110M3_10	Standard	250.000	4.22	349181.594	14076.219	310.081	250.7	0.3	NO	0.998	NO	bb

Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

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Compound name: PFHpS

Coefficient of Determination: R² = 0.999403

Calibration curve: 0.00123665 * x² + 0.283611 * x + -0.0187761

Response type: Internal Std (Ref 38), 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 180110M3_2	Standard	0.250	4.34	40.899	6843.800	0.075	0.3	31.6	NO	0.999	NO	MMX
2	2 180110M3_3	Standard	0.500	4.33	68.354	7076.908	0.121	0.5	-1.8	NO	0.999	NO	bb
3	3 180110M3_4	Standard	1.000	4.33	197.523	9304.335	0.265	1.0	-0.2	NO	0.999	NO	bb
4	4 180110M3_5	Standard	2.000	4.33	365.727	8455.973	0.541	2.0	-2.2	NO	0.999	NO	bb
5	5 180110M3_6	Standard	5.000	4.33	1415.746	11446.934	1.546	5.4	7.8	NO	0.999	NO	bb
6	6 180110M3_7	Standard	10.000	4.34	2382.782	10524.176	2.830	9.6	-3.6	NO	0.999	NO	bb
7	7 180110M3_8	Standard	50.000	4.33	13342.360	9660.232	17.265	50.0	0.1	NO	0.999	NO	bb
8	8 180110M3_9	Standard	100.000	4.33	26513.092	10039.607	33.011	85.0	-15.0	NO	0.999	NO	bbX
9	9 180110M3_10	Standard	250.000	4.33	85610.664	14076.219	76.024	158.5	-36.6	NO	0.999	NO	bbX

Compound name: PFNA

Coefficient of Determination: R² = 0.998092

Calibration curve: 0.000693223 * x² + 1.40868 * x + 0.0082777

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 180110M3_2	Standard	0.250	4.66	214.934	6595.252	0.407	0.3	13.3	NO	0.998	NO	bb
2	2 180110M3_3	Standard	0.500	4.66	364.859	7834.280	0.582	0.4	-18.5	NO	0.998	NO	bb
3	3 180110M3_4	Standard	1.000	4.66	803.702	7113.500	1.412	1.0	-0.4	NO	0.998	NO	bb
4	4 180110M3_5	Standard	2.000	4.66	1676.318	7757.888	2.701	1.9	-4.5	NO	0.998	NO	bb
5	5 180110M3_6	Standard	5.000	4.66	5845.264	10243.467	7.133	5.0	0.9	NO	0.998	NO	bb
6	6 180110M3_7	Standard	10.000	4.66	10523.932	8076.588	16.288	11.5	14.9	NO	0.998	NO	bb
7	7 180110M3_8	Standard	50.000	4.66	56089.699	10747.179	65.238	45.3	-9.4	NO	0.998	NO	bb
8	8 180110M3_9	Standard	100.000	4.66	107733.680	8749.379	153.916	103.9	3.9	NO	0.998	NO	bb
9	9 180110M3_10	Standard	250.000	4.66	368969.406	11695.055	394.365	249.4	-0.3	NO	0.998	NO	bb

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Compound name: PFOSA

Correlation coefficient: $r = 0.999329$, $r^2 = 0.998658$

Calibration curve: $1.30775 * x + 0.0347805$

Response type: Internal Std (Ref 40), 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 180110M3_2	Standard	0.250	4.72	50.514	1564.524	0.404	0.3	12.8	NO	0.999	NO	MM
2	2 180110M3_3	Standard	0.500	4.72	68.373	1375.187	0.621	0.4	-10.3	NO	0.999	NO	bb
3	3 180110M3_4	Standard	1.000	4.71	201.535	1766.893	1.426	1.1	6.4	NO	0.999	NO	bb
4	4 180110M3_5	Standard	2.000	4.72	360.366	1897.929	2.373	1.8	-10.6	NO	0.999	NO	bb
5	5 180110M3_6	Standard	5.000	4.72	1269.298	2478.382	6.402	4.9	-2.6	NO	0.999	NO	bb
6	6 180110M3_7	Standard	10.000	4.72	2319.396	2100.719	13.801	10.5	5.3	NO	0.999	NO	bb
7	7 180110M3_8	Standard	50.000	4.72	12512.175	2311.924	67.650	51.7	3.4	NO	0.999	NO	bb
8	8 180110M3_9	Standard	100.000	4.72	21843.365	2220.110	122.986	94.0	-6.0	NO	0.999	NO	bb
9	9 180110M3_10	Standard	250.000	4.72	79570.422	2993.427	332.271	254.1	1.6	NO	0.999	NO	bb

Compound name: L-PFOS

Coefficient of Determination: $R^2 = 0.997444$

Calibration curve: $-3.62431e-005 * x^2 + 1.17583 * x + 0.0311451$

Response type: Internal Std (Ref 41), 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 180110M3_2	Standard	0.250	4.74	52.733	1618.655	0.407	0.3	27.9	NO	0.997	NO	MM
2	2 180110M3_3	Standard	0.500	4.75	80.186	1941.504	0.516	0.4	-17.5	NO	0.997	NO	MM
3	3 180110M3_4	Standard	1.000	4.74	227.959	1895.721	1.503	1.3	25.2	NO	0.997	NO	MM
4	4 180110M3_5	Standard	2.000	4.74	330.437	2275.169	1.815	1.5	-24.1	NO	0.997	NO	MM
5	5 180110M3_6	Standard	5.000	4.74	1373.176	3237.610	5.302	4.5	-10.3	NO	0.997	NO	MM
6	6 180110M3_7	Standard	10.000	4.75	2325.923	2589.350	11.228	9.5	-4.7	NO	0.997	NO	MM
7	7 180110M3_8	Standard	50.000	4.74	13028.005	2649.839	61.457	52.3	4.6	NO	0.997	NO	MM
8	8 180110M3_9	Standard	100.000	4.74	24612.139	2652.518	115.985	98.9	-1.1	NO	0.997	NO	MM
9	9 180110M3_10	Standard	250.000	4.74	94234.469	2938.436	400.870	344.6	37.8	NO	0.997	NO	MMX

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Compound name: PFDA

Coefficient of Determination: R^2 = 0.999932

Calibration curve: 0.00546964 * x^2 + 1.60165 * x + -0.235203

Response type: Internal Std (Ref 42), 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 180110M3_2	Standard	0.250	5.03	149.694	6621.417	0.283	0.3	29.2	NO	1.000	NO	bbX
2	2 180110M3_3	Standard	0.500	5.03	326.927	7011.031	0.583	0.5	2.0	NO	1.000	NO	bb
3	3 180110M3_4	Standard	1.000	5.03	882.103	7865.675	1.402	1.0	1.9	NO	1.000	NO	bb
4	4 180110M3_5	Standard	2.000	5.03	1805.777	7909.186	2.854	1.9	-4.2	NO	1.000	NO	bb
5	5 180110M3_6	Standard	5.000	5.03	5656.708	8990.281	7.865	5.0	-0.5	NO	1.000	NO	bb
6	6 180110M3_7	Standard	10.000	5.03	11071.540	8394.882	16.486	10.1	0.9	NO	1.000	NO	bb
7	7 180110M3_8	Standard	50.000	5.03	53691.906	7178.136	93.499	50.0	-0.0	NO	1.000	NO	bb
8	8 180110M3_9	Standard	100.000	5.03	106324.383	8067.630	164.739	80.7	-19.3	NO	1.000	NO	bbX
9	9 180110M3_10	Standard	250.000	5.03	334810.344	11784.516	355.138	147.5	-41.0	NO	1.000	NO	bbX

Compound name: 8:2 FTS

Coefficient of Determination: R^2 = 0.997732

Calibration curve: 0.00123859 * x^2 + 0.307368 * x + -0.0309813

Response type: Internal Std (Ref 42), 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 180110M3_2	Standard	0.250	5.01	6.878	6621.417	0.013	0.1	-42.8	NO	0.998	NO	MMX
2	2 180110M3_3	Standard	0.500	5.00	69.176	7011.031	0.123	0.5	0.2	NO	0.998	NO	bb
3	3 180110M3_4	Standard	1.000	5.00	143.316	7865.675	0.228	0.8	-16.1	NO	0.998	NO	bb
4	4 180110M3_5	Standard	2.000	5.00	310.839	7909.186	0.491	1.7	-15.6	NO	0.998	NO	bb
5	5 180110M3_6	Standard	5.000	5.00	1255.848	8990.281	1.746	5.7	13.1	NO	0.998	NO	bb
6	6 180110M3_7	Standard	10.000	5.00	2087.793	8394.882	3.109	9.8	-1.7	NO	0.998	NO	bb
7	7 180110M3_8	Standard	50.000	5.00	10583.119	7178.136	18.429	50.0	-0.0	NO	0.998	NO	bb
8	8 180110M3_9	Standard	100.000	5.00	21826.646	8067.630	33.818	82.6	-17.4	NO	0.998	NO	bbX
9	9 180110M3_10	Standard	250.000	5.00	63576.629	11784.516	67.437	140.2	-43.9	NO	0.998	NO	bbX

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Compound name: N-MeFOSAA

Coefficient of Determination: $R^2 = 0.991446$

Calibration curve: $-0.00315911 * x^2 + 2.0555 * x + -0.320574$

Response type: Internal Std (Ref 44), 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 180110M3_2	Standard	0.250	5.18	36.415	2584.018	0.176	0.2	-3.3	NO	0.991	NO	MM
2	2 180110M3_3	Standard	0.500	5.18	80.226	2279.408	0.440	0.4	-26.0	NO	0.991	NO	bb
3	3 180110M3_4	Standard	1.000	5.18	378.250	2474.278	1.911	1.1	8.7	NO	0.991	NO	bb
4	4 180110M3_5	Standard	2.000	5.19	712.568	3010.187	2.959	1.6	-20.0	NO	0.991	NO	bb
5	5 180110M3_6	Standard	5.000	5.18	2686.279	4004.625	8.385	4.3	-14.7	NO	0.991	NO	bb
6	6 180110M3_7	Standard	10.000	5.18	4645.245	3453.088	16.816	8.4	-15.5	NO	0.991	NO	bb
7	7 180110M3_8	Standard	50.000	5.18	27682.430	3302.028	104.793	55.9	11.9	NO	0.991	NO	bb
8	8 180110M3_9	Standard	100.000	5.18	50942.434	3769.683	168.921	96.7	-3.3	NO	0.991	NO	bb
9	9 180110M3_10	Standard	250.000	5.18	168432.422	3847.682	547.188			NO	0.991	NO	bbXI

Compound name: N-EtFOSAA

Coefficient of Determination: $R^2 = 0.999097$

Calibration curve: $-0.000915461 * x^2 + 1.58258 * x + -0.401153$

Response type: Internal Std (Ref 45), 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 180110M3_2	Standard	0.250	5.33	66.359	3050.200	0.272	0.4	70.2	NO	0.999	NO	bbX
2	2 180110M3_3	Standard	0.500	5.34	73.558	3056.172	0.301	0.4	-11.3	NO	0.999	NO	bb
3	3 180110M3_4	Standard	1.000	5.33	220.973	3257.867	0.848	0.8	-21.0	NO	0.999	NO	bb
4	4 180110M3_5	Standard	2.000	5.34	631.177	3281.707	2.404	1.8	-11.3	NO	0.999	NO	bb
5	5 180110M3_6	Standard	5.000	5.34	2480.533	4319.860	7.178	4.8	-4.0	NO	0.999	NO	bb
6	6 180110M3_7	Standard	10.000	5.34	4016.860	3499.391	14.348	9.4	-6.3	NO	0.999	NO	bb
7	7 180110M3_8	Standard	50.000	5.34	20914.289	3318.419	78.781	51.6	3.1	NO	0.999	NO	bb
8	8 180110M3_9	Standard	100.000	5.33	43324.688	3635.765	148.953	100.2	0.2	NO	0.999	NO	bb
9	9 180110M3_10	Standard	250.000	5.33	130110.156	4818.760	337.509	249.5	-0.2	NO	0.999	NO	bb

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Compound name: PFUdA

Coefficient of Determination: $R^2 = 0.997858$
 Calibration curve: $-0.000355567 * x^2 + 1.33241 * x + -0.0949136$
 Response type: Internal Std (Ref 46), 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	180110M3_2	Standard	0.250	5.36	175.412	7775.131	0.282	0.3	13.2	NO	0.998	NO	bb
2	180110M3_3	Standard	0.500	5.35	241.658	5841.358	0.517	0.5	-8.1	NO	0.998	NO	MM
3	180110M3_4	Standard	1.000	5.35	652.062	6821.692	1.195	1.0	-3.2	NO	0.998	NO	MM
4	180110M3_5	Standard	2.000	5.35	1465.764	7907.348	2.317	1.8	-9.4	NO	0.998	NO	bb
5	180110M3_6	Standard	5.000	5.35	4824.436	9228.782	6.534	5.0	-0.4	NO	0.998	NO	bb
6	180110M3_7	Standard	10.000	5.35	11112.008	10040.164	13.834	10.5	4.8	NO	0.998	NO	bb
7	180110M3_8	Standard	50.000	5.35	54444.684	9539.813	71.339	54.4	8.8	NO	0.998	NO	bb
8	180110M3_9	Standard	100.000	5.35	92094.172	9474.396	121.504	93.6	-6.4	NO	0.998	NO	bb
9	180110M3_10	Standard	250.000	5.35	343973.500	13743.283	312.856	251.8	0.7	NO	0.998	NO	bb

Compound name: PFDS

Coefficient of Determination: $R^2 = 0.997344$
 Calibration curve: $0.000962848 * x^2 + 0.363602 * x + -0.00209133$
 Response type: Internal Std (Ref 46), 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	180110M3_2	Standard	0.250	5.40	48.906	7775.131	0.079	0.2	-11.3	NO	0.997	NO	MM
2	180110M3_3	Standard	0.500	5.41	89.190	5841.358	0.191	0.5	6.0	NO	0.997	NO	bb
3	180110M3_4	Standard	1.000	5.40	200.620	6821.692	0.368	1.0	1.4	NO	0.997	NO	bb
4	180110M3_5	Standard	2.000	5.40	442.118	7907.348	0.699	1.9	-4.1	NO	0.997	NO	bb
5	180110M3_6	Standard	5.000	5.40	1573.748	9228.782	2.132	5.8	15.6	NO	0.997	NO	bb
6	180110M3_7	Standard	10.000	5.40	2755.989	10040.164	3.431	9.2	-7.8	NO	0.997	NO	bb
7	180110M3_8	Standard	50.000	5.40	15734.462	9539.813	20.617	50.1	0.1	NO	0.997	NO	bb
8	180110M3_9	Standard	100.000	5.40	26637.205	9474.396	35.144	79.8	-20.2	NO	0.997	NO	bbX
9	180110M3_10	Standard	250.000	5.40	84029.797	13743.283	76.428	150.3	-39.9	NO	0.997	NO	bbX

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Compound name: PFDoA

Coefficient of Determination: $R^2 = 0.998683$
 Calibration curve: $0.00180407 * x^2 + 2.09493 * x + 0.150658$
 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	180110M3_2	Standard	0.250	5.64	187.793	4189.487	0.560	0.2	-21.8	NO	0.999	NO	MM
2	180110M3_3	Standard	0.500	5.64	395.079	3969.021	1.244	0.5	4.4	NO	0.999	NO	bd
3	180110M3_4	Standard	1.000	5.64	711.553	4869.713	1.826	0.8	-20.1	NO	0.999	NO	bd
4	180110M3_5	Standard	2.000	5.64	1599.483	4575.956	4.369	2.0	0.5	NO	0.999	NO	bd
5	180110M3_6	Standard	5.000	5.63	7052.525	6385.208	13.806	6.5	29.6	NO	0.999	NO	bb
6	180110M3_7	Standard	10.000	5.64	10897.177	5791.910	23.518	11.0	10.5	NO	0.999	NO	bb
7	180110M3_8	Standard	50.000	5.63	62116.109	7164.268	108.378	49.5	-0.9	NO	0.999	NO	bb
8	180110M3_9	Standard	100.000	5.64	105146.766	5943.687	221.131	97.3	-2.7	NO	0.999	NO	bb
9	180110M3_10	Standard	250.000	5.63	373600.125	7304.709	639.314	250.9	0.4	NO	0.999	NO	bb

Compound name: N-MeFOSA

Correlation coefficient: $r = 0.999537$, $r^2 = 0.999075$
 Calibration curve: $1.10666 * x + -0.170034$
 Response type: Internal Std (Ref 48), 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	180110M3_2	Standard	1.250	5.71	74.505	10743.257	1.040	1.1	-12.5	NO	0.999	NO	bb
2	180110M3_3	Standard	2.500	5.71	176.977	9835.262	2.699	2.6	3.7	NO	0.999	NO	bb
3	180110M3_4	Standard	5.000	5.71	344.751	12097.896	4.275	4.0	-19.7	NO	0.999	NO	bb
4	180110M3_5	Standard	10.000	5.71	911.162	12431.512	10.994	10.1	0.9	NO	0.999	NO	bb
5	180110M3_6	Standard	25.000	5.71	3012.821	16115.154	28.043	25.5	2.0	NO	0.999	NO	bb
6	180110M3_7	Standard	50.000	5.71	5797.346	14402.728	60.378	54.7	9.4	NO	0.999	NO	bb
7	180110M3_8	Standard	250.000	5.71	29412.832	15466.819	285.251	257.9	3.2	NO	0.999	NO	bb
8	180110M3_9	Standard	500.000	5.71	54924.184	14480.274	568.955	514.3	2.9	NO	0.999	NO	bb
9	180110M3_10	Standard	1250.000	5.71	171069.844	18952.975	1353.902	1223.6	-2.1	NO	0.999	NO	bb

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Compound name: PFTrDA

Coefficient of Determination: R^2 = 0.999460

Calibration curve: 0.000122781 * x^2 + 2.39065 * x + 0.000840038

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 180110M3_2	Standard	0.250	5.88	174.970	4189.487	0.522	0.2	-12.8	NO	0.999	NO	bb
2	2 180110M3_3	Standard	0.500	5.88	376.310	3969.021	1.185	0.5	-0.9	NO	0.999	NO	bb
3	3 180110M3_4	Standard	1.000	5.88	950.586	4869.713	2.440	1.0	2.0	NO	0.999	NO	bb
4	4 180110M3_5	Standard	2.000	5.89	1891.809	4575.956	5.168	2.2	8.1	NO	0.999	NO	bb
5	5 180110M3_6	Standard	5.000	5.88	5659.594	6385.208	11.080	4.6	-7.3	NO	0.999	NO	bb
6	6 180110M3_7	Standard	10.000	5.89	12450.600	5791.910	26.871	11.2	12.3	NO	0.999	NO	bb
7	7 180110M3_8	Standard	50.000	5.88	68696.688	7164.268	119.860	50.0	0.0	NO	0.999	NO	bb
8	8 180110M3_9	Standard	100.000	5.88	112410.352	5943.687	236.407	98.4	-1.6	NO	0.999	NO	bb
9	9 180110M3_10	Standard	250.000	5.88	354589.906	7304.709	606.783	250.6	0.2	NO	0.999	NO	bb

Compound name: PFTeDA

Coefficient of Determination: R^2 = 0.999533

Calibration curve: 0.00349062 * x^2 + 2.93229 * x + -0.154941

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 180110M3_2	Standard	0.250	6.09	124.998	1955.129	0.799	0.3	30.1	NO	1.000	NO	bbX
2	2 180110M3_3	Standard	0.500	6.10	236.010	1829.135	1.613	0.6	20.5	NO	1.000	NO	bb
3	3 180110M3_4	Standard	1.000	6.10	405.845	2327.717	2.179	0.8	-20.5	NO	1.000	NO	bb
4	4 180110M3_5	Standard	2.000	6.09	1041.416	2174.831	5.986	2.1	4.4	NO	1.000	NO	bb
5	5 180110M3_6	Standard	5.000	6.10	3533.474	3158.222	13.985	4.8	-4.1	NO	1.000	NO	bb
6	6 180110M3_7	Standard	10.000	6.10	6573.327	2821.178	29.125	9.9	-1.3	NO	1.000	NO	bb
7	7 180110M3_8	Standard	50.000	6.09	36266.531	2885.126	157.127	50.6	1.2	NO	1.000	NO	bb
8	8 180110M3_9	Standard	100.000	6.10	68578.852	2620.882	327.079	99.8	-0.2	NO	1.000	NO	db
9	9 180110M3_10	Standard	250.000	6.10	176036.891	3871.496	568.375	162.5	-35.0	NO	1.000	NO	dbX

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Compound name: N-EtFOSA

Coefficient of Determination: R^2 = 0.999897

Calibration curve: $-3.00904e-005 * x^2 + 1.02444 * x + -0.199244$

Response type: Internal Std (Ref 50), 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 180110M3_2	Standard	1.250	6.10	131.383	16238.895	1.214	1.4	10.3	NO	1.000	NO	bb
2	2 180110M3_3	Standard	2.500	6.11	254.736	15620.249	2.446	2.6	3.3	NO	1.000	NO	bb
3	3 180110M3_4	Standard	5.000	6.10	520.024	17774.992	4.388	4.5	-10.4	NO	1.000	NO	bb
4	4 180110M3_5	Standard	10.000	6.10	1156.534	18942.303	9.158	9.1	-8.6	NO	1.000	NO	bb
5	5 180110M3_6	Standard	25.000	6.10	4408.425	24990.723	26.460	26.0	4.2	NO	1.000	NO	bb
6	6 180110M3_7	Standard	50.000	6.10	7411.040	21510.641	51.679	50.7	1.4	NO	1.000	NO	bb
7	7 180110M3_8	Standard	250.000	6.10	37406.688	22103.201	253.855	249.8	-0.1	NO	1.000	NO	bb
8	8 180110M3_9	Standard	500.000	6.10	71470.891	21279.357	503.804	499.3	-0.1	NO	1.000	NO	bb
9	9 180110M3_10	Standard	1250.000	6.10	207247.922	25200.256	1233.606	1250.3	0.0	NO	1.000	NO	bb

Compound name: PFHxDA

Coefficient of Determination: R^2 = 0.997686

Calibration curve: $-0.00114258 * x^2 + 0.984182 * x + 0.0683094$

Response type: Internal Std (Ref 51), 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 180110M3_2	Standard	0.250	6.43	89.534	1428.470	0.313	0.2	-0.4	NO	0.998	NO	MM
2	2 180110M3_3	Standard	0.500	6.43	149.353	1602.730	0.466	0.4	-19.2	NO	0.998	NO	MM
3	3 180110M3_4	Standard	1.000	6.43	383.028	1624.887	1.179	1.1	13.0	NO	0.998	NO	bb
4	4 180110M3_5	Standard	2.000	6.43	604.669	1502.644	2.012	2.0	-1.0	NO	0.998	NO	bb
5	5 180110M3_6	Standard	5.000	6.43	2370.623	2226.881	5.323	5.4	7.4	NO	0.998	NO	bb
6	6 180110M3_7	Standard	10.000	6.43	3907.469	2045.703	9.550	9.7	-2.6	NO	0.998	NO	bb
7	7 180110M3_8	Standard	50.000	6.43	22137.709	2213.677	50.002	54.1	8.3	NO	0.998	NO	bb
8	8 180110M3_9	Standard	100.000	6.43	40541.285	2470.003	82.067	93.5	-6.5	NO	0.998	NO	bb
9	9 180110M3_10	Standard	250.000	6.43	106609.336	3028.907	175.986	253.1	1.3	NO	0.998	NO	bb

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Compound name: PFODA

Coefficient of Determination: R² = 0.997999

Calibration curve: -0.00347318 * x² + 1.33796 * x + -0.219409

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	1 180110M3_2	Standard	0.250	6.66	89.732	1428.470	0.314	0.4	59.7	NO	0.998	NO	bbX
2	2 180110M3_3	Standard	0.500	6.66	134.672	1602.730	0.420	0.5	-4.3	NO	0.998	NO	bb
3	3 180110M3_4	Standard	1.000	6.66	288.807	1624.887	0.889	0.8	-17.0	NO	0.998	NO	bb
4	4 180110M3_5	Standard	2.000	6.66	713.056	1502.644	2.373	1.9	-2.6	NO	0.998	NO	bb
5	5 180110M3_6	Standard	5.000	6.66	2483.912	2226.881	5.577	4.4	-12.4	NO	0.998	NO	bb
6	6 180110M3_7	Standard	10.000	6.66	5287.183	2045.703	12.923	10.1	0.9	NO	0.998	NO	bb
7	7 180110M3_8	Standard	50.000	6.66	26551.906	2213.677	59.972	52.0	4.0	NO	0.998	NO	bb
8	8 180110M3_9	Standard	100.000	6.66	48357.449	2470.003	97.889	98.5	-1.5	NO	0.998	NO	bb
9	9 180110M3_10	Standard	250.000	6.66	71018.602	3028.907	117.235	135.3	-45.9	NO	0.998	NO	bbX

Compound name: N-MeFOSE

Correlation coefficient: r = 0.998982, r² = 0.997965

Calibration curve: 1.173 * x + -0.745383

Response type: Internal Std (Ref 52), 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 180110M3_2	Standard	1.250	6.24	132.978	18600.686	1.072	1.5	24.0	NO	0.998	NO	bb
2	2 180110M3_3	Standard	2.500	6.26	224.899	14371.076	2.347	2.6	5.5	NO	0.998	NO	bb
3	3 180110M3_4	Standard	5.000	6.25	520.318	17457.375	4.471	4.4	-11.1	NO	0.998	NO	bb
4	4 180110M3_5	Standard	10.000	6.25	1056.121	18372.555	8.623	8.0	-20.1	NO	0.998	NO	bb
5	5 180110M3_6	Standard	25.000	6.25	4167.101	23253.285	26.881	23.6	-5.8	NO	0.998	NO	bb
6	6 180110M3_7	Standard	50.000	6.25	7847.585	18111.193	64.995	56.0	12.1	NO	0.998	NO	bb
7	7 180110M3_8	Standard	250.000	6.25	44727.859	23087.781	290.594	248.4	-0.7	NO	0.998	NO	bb
8	8 180110M3_9	Standard	500.000	6.25	74536.172	20386.021	548.436	468.2	-6.4	NO	0.998	NO	bb
9	9 180110M3_10	Standard	1250.000	6.25	281086.719	28074.316	1501.836	1281.0	2.5	NO	0.998	NO	bd

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Compound name: N-EtFOSE

Correlation coefficient: $r = 0.999540$, $r^2 = 0.999080$

Calibration curve: $1.40177 * x + -0.207477$

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 180110M3_2	Standard	1.250	6.40	179.573	16885.416	1.595	1.3	2.9	NO	0.999	NO	bb
2	2 180110M3_3	Standard	2.500	6.41	310.656	13110.849	3.554	2.7	7.3	NO	0.999	NO	bb
3	3 180110M3_4	Standard	5.000	6.40	739.963	16446.465	6.749	5.0	-0.7	NO	0.999	NO	bb
4	4 180110M3_5	Standard	10.000	6.41	1344.736	16689.393	12.086	8.8	-12.3	NO	0.999	NO	bb
5	5 180110M3_6	Standard	25.000	6.41	5119.930	22391.037	34.299	24.6	-1.5	NO	0.999	NO	bb
6	6 180110M3_7	Standard	50.000	6.41	9741.974	19962.660	73.201	52.4	4.7	NO	0.999	NO	bb
7	7 180110M3_8	Standard	250.000	6.40	52164.645	22425.359	348.922	249.1	-0.4	NO	0.999	NO	bd
8	8 180110M3_9	Standard	500.000	6.40	98149.102	16106.103	914.086	652.2	30.4	NO	0.999	NO	bbX
9	9 180110M3_10	Standard	1250.000	6.40	346314.875	28984.094	1792.267	1278.7	2.3	NO	0.999	NO	bbX

Compound name: 13C3-PFBA

Response Factor: 0.763512

RRF SD: 0.0350184, Relative SD: 4.58648

Response type: Internal Std (Ref 54), 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 180110M3_2	Standard	12.500	1.33	5445.118	7508.845	9.065	11.9	-5.0	NO		NO	bb
2	2 180110M3_3	Standard	12.500	1.34	5531.277	7057.356	9.797	12.8	2.7	NO		NO	bd
3	3 180110M3_4	Standard	12.500	1.34	6197.237	8001.987	9.681	12.7	1.4	NO		NO	bb
4	4 180110M3_5	Standard	12.500	1.34	6682.359	8507.537	9.818	12.9	2.9	NO		NO	bb
5	5 180110M3_6	Standard	12.500	1.33	8645.433	11925.119	9.062	11.9	-5.0	NO		NO	bb
6	6 180110M3_7	Standard	12.500	1.34	7475.106	10276.120	9.093	11.9	-4.7	NO		NO	bb
7	7 180110M3_8	Standard	12.500	1.33	8574.918	10906.643	9.828	12.9	3.0	NO		NO	bb
8	8 180110M3_9	Standard	12.500	1.34	8087.149	9827.420	10.286	13.5	7.8	NO		NO	bb
9	9 180110M3_10	Standard	12.500	1.34	10724.149	14467.951	9.265	12.1	-2.9	NO		NO	bb

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Compound name: 13C3-PFPeA

Response Factor: 0.730064
 RRF SD: 0.0283912, Relative SD: 3.88886
 Response type: Internal Std (Ref 55), 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 180110M3_2	Standard	12.500	2.31	6191.314	8819.409	8.775	12.0	-3.8	NO		NO	bb
2	2 180110M3_3	Standard	12.500	2.32	6388.503	8657.168	9.224	12.6	1.1	NO		NO	bb
3	3 180110M3_4	Standard	12.500	2.31	7240.874	10153.727	8.914	12.2	-2.3	NO		NO	bb
4	4 180110M3_5	Standard	12.500	2.31	7656.253	10362.211	9.236	12.7	1.2	NO		NO	bb
5	5 180110M3_6	Standard	12.500	2.31	10067.521	14579.612	8.632	11.8	-5.4	NO		NO	bb
6	6 180110M3_7	Standard	12.500	2.32	9432.145	12281.571	9.600	13.1	5.2	NO		NO	bb
7	7 180110M3_8	Standard	12.500	2.31	9361.531	12975.809	9.018	12.4	-1.2	NO		NO	bb
8	8 180110M3_9	Standard	12.500	2.31	8984.164	11578.389	9.699	13.3	6.3	NO		NO	bb
9	9 180110M3_10	Standard	12.500	2.32	11738.701	16242.380	9.034	12.4	-1.0	NO		NO	bb

Compound name: 13C3-PFBS

Response Factor: 0.0953602
 RRF SD: 0.0060334, Relative SD: 6.32696
 Response type: Internal Std (Ref 55), 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 180110M3_2	Standard	12.500	2.59	843.391	8819.409	1.195	12.5	0.3	NO		NO	bb
2	2 180110M3_3	Standard	12.500	2.60	875.797	8657.168	1.265	13.3	6.1	NO		NO	bb
3	3 180110M3_4	Standard	12.500	2.59	894.616	10153.727	1.101	11.5	-7.6	NO		NO	bb
4	4 180110M3_5	Standard	12.500	2.59	1011.215	10362.211	1.220	12.8	2.3	NO		NO	bb
5	5 180110M3_6	Standard	12.500	2.59	1232.651	14579.612	1.057	11.1	-11.3	NO		NO	bb
6	6 180110M3_7	Standard	12.500	2.60	1207.154	12281.571	1.229	12.9	3.1	NO		NO	bb
7	7 180110M3_8	Standard	12.500	2.59	1285.018	12975.809	1.238	13.0	3.9	NO		NO	bb
8	8 180110M3_9	Standard	12.500	2.59	1183.646	11578.389	1.278	13.4	7.2	NO		NO	bb
9	9 180110M3_10	Standard	12.500	2.60	1488.746	16242.380	1.146	12.0	-3.9	NO		NO	bb

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Compound name: 13C2-PFHxA

Response Factor: 0.596765

RRF SD: 0.0287608, Relative SD: 4.81945

Response type: Internal Std (Ref 55), 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 180110M3_2	Standard	5.000	3.08	2081.847	8819.409	2.951	4.9	-1.1	NO		NO	bb
2	2 180110M3_3	Standard	5.000	3.09	2064.240	8657.168	2.981	5.0	-0.1	NO		NO	bb
3	3 180110M3_4	Standard	5.000	3.08	2293.726	10153.727	2.824	4.7	-5.4	NO		NO	bb
4	4 180110M3_5	Standard	5.000	3.09	2353.448	10362.211	2.839	4.8	-4.9	NO		NO	bb
5	5 180110M3_6	Standard	5.000	3.09	3551.324	14579.612	3.045	5.1	2.0	NO		NO	bb
6	6 180110M3_7	Standard	5.000	3.09	2750.103	12281.571	2.799	4.7	-6.2	NO		NO	bb
7	7 180110M3_8	Standard	5.000	3.09	3223.589	12975.809	3.105	5.2	4.1	NO		NO	bb
8	8 180110M3_9	Standard	5.000	3.09	2973.789	11578.389	3.210	5.4	7.6	NO		NO	bb
9	9 180110M3_10	Standard	5.000	3.09	4029.222	16242.380	3.101	5.2	3.9	NO		NO	bb

Compound name: 13C4-PFHpA

Response Factor: 0.604292

RRF SD: 0.0220638, Relative SD: 3.65118

Response type: Internal Std (Ref 55), 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 180110M3_2	Standard	12.500	3.70	5439.776	8819.409	7.710	12.8	2.1	NO		NO	bb
2	2 180110M3_3	Standard	12.500	3.71	5317.372	8657.168	7.678	12.7	1.6	NO		NO	bb
3	3 180110M3_4	Standard	12.500	3.70	6029.103	10153.727	7.422	12.3	-1.7	NO		NO	bb
4	4 180110M3_5	Standard	12.500	3.71	6373.487	10362.211	7.688	12.7	1.8	NO		NO	bb
5	5 180110M3_6	Standard	12.500	3.70	8559.692	14579.612	7.339	12.1	-2.8	NO		NO	bb
6	6 180110M3_7	Standard	12.500	3.71	7383.596	12281.571	7.515	12.4	-0.5	NO		NO	bb
7	7 180110M3_8	Standard	12.500	3.71	7430.805	12975.809	7.158	11.8	-5.2	NO		NO	bb
8	8 180110M3_9	Standard	12.500	3.70	7501.529	11578.389	8.099	13.4	7.2	NO		NO	bb
9	9 180110M3_10	Standard	12.500	3.71	9581.552	16242.380	7.374	12.2	-2.4	NO		NO	bb

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Compound name: 18O2-PFHxS

Response Factor: 0.293143

RRF SD: 0.02198, Relative SD: 7.49804

Response type: Internal Std (Ref 56), 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 180110M3_2	Standard	12.500	3.85	607.107	2278.692	3.330	11.4	-9.1	NO		NO	bb
2	2 180110M3_3	Standard	12.500	3.85	587.859	2027.751	3.624	12.4	-1.1	NO		NO	bb
3	3 180110M3_4	Standard	12.500	3.85	721.191	2588.349	3.483	11.9	-5.0	NO		NO	MM
4	4 180110M3_5	Standard	12.500	3.85	841.432	2638.712	3.986	13.6	8.8	NO		NO	bb
5	5 180110M3_6	Standard	12.500	3.86	928.808	3243.043	3.580	12.2	-2.3	NO		NO	bb
6	6 180110M3_7	Standard	12.500	3.86	837.404	2945.932	3.553	12.1	-3.0	NO		NO	bb
7	7 180110M3_8	Standard	12.500	3.85	881.507	3128.825	3.522	12.0	-3.9	NO		NO	bb
8	8 180110M3_9	Standard	12.500	3.85	947.682	3222.897	3.676	12.5	0.3	NO		NO	bb
9	9 180110M3_10	Standard	12.500	3.85	1189.369	3518.808	4.225	14.4	15.3	NO		NO	bb

Compound name: 13C2-6:2 FTS

Response Factor: 0.215203

Not used

RRF SD: 0.0808496, Relative SD: 37.5689

Response type: Internal Std (Ref 57), 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 180110M3_2	Standard	12.500	4.17	1482.806	7716.699	2.402	11.2	-10.7	NO		NO	bb
2	2 180110M3_3	Standard	12.500	4.17	1155.556	8022.848	1.800	8.4	-33.1	NO		NO	bb
3	3 180110M3_4	Standard	12.500	4.17	1397.855	9839.251	1.776	8.3	-34.0	NO		NO	bb
4	4 180110M3_5	Standard	12.500	4.17	1987.587	9158.829	2.713	12.6	0.8	NO		NO	bb
5	5 180110M3_6	Standard	12.500	4.17	2364.256	13168.367	2.244	10.4	-16.6	NO		NO	bb
6	6 180110M3_7	Standard	12.500	4.17	2119.823	12177.514	2.176	10.1	-19.1	NO		NO	bb
7	7 180110M3_8	Standard	12.500	4.17	2466.705	11624.087	2.653	12.3	-1.4	NO		NO	bb
8	8 180110M3_9	Standard	12.500	4.17	2650.556	9690.272	3.419	15.9	27.1	NO		NO	bb
9	9 180110M3_10	Standard	12.500	4.17	5642.398	14028.530	5.028	23.4	86.9	NO		NO	bb

Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

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Compound name: 13C2-PFOA

Response Factor: 0.915764

RRF SD: 0.0680605, Relative SD: 7.4321

Response type: Internal Std (Ref 57), 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	180110M3_2	Standard	12.500	4.22	6843.800	7716.699	11.086	12.1	-3.2	NO		NO	bb
2	180110M3_3	Standard	12.500	4.23	7076.908	8022.848	11.026	12.0	-3.7	NO		NO	bb
3	180110M3_4	Standard	12.500	4.22	9304.335	9839.251	11.820	12.9	3.3	NO		NO	bb
4	180110M3_5	Standard	12.500	4.23	8455.973	9158.829	11.541	12.6	0.8	NO		NO	bb
5	180110M3_6	Standard	12.500	4.22	11446.934	13168.367	10.866	11.9	-5.1	NO		NO	bb
6	180110M3_7	Standard	12.500	4.23	10524.176	12177.514	10.803	11.8	-5.6	NO		NO	bb
7	180110M3_8	Standard	12.500	4.22	9660.232	11624.087	10.388	11.3	-9.3	NO		NO	bb
8	180110M3_9	Standard	12.500	4.23	10039.607	9690.272	12.951	14.1	13.1	NO		NO	bb
9	180110M3_10	Standard	12.500	4.23	14076.219	14028.530	12.542	13.7	9.6	NO		NO	bb

Compound name: 13C5-PFNA

Response Factor: 0.817427

RRF SD: 0.0843622, Relative SD: 10.3205

Response type: Internal Std (Ref 58), 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	180110M3_2	Standard	12.500	4.66	6595.252	8419.302	9.792	12.0	-4.2	NO		NO	bb
2	180110M3_3	Standard	12.500	4.66	7834.280	7958.151	12.305	15.1	20.4	NO		NO	bb
3	180110M3_4	Standard	12.500	4.65	7113.500	8439.292	10.536	12.9	3.1	NO		NO	bb
4	180110M3_5	Standard	12.500	4.66	7757.888	9727.010	9.970	12.2	-2.4	NO		NO	bb
5	180110M3_6	Standard	12.500	4.66	10243.467	13224.706	9.682	11.8	-5.2	NO		NO	bb
6	180110M3_7	Standard	12.500	4.66	8076.588	11503.174	8.776	10.7	-14.1	NO		NO	bb
7	180110M3_8	Standard	12.500	4.66	10747.179	11865.055	11.322	13.9	10.8	NO		NO	bb
8	180110M3_9	Standard	12.500	4.66	8749.379	11583.457	9.442	11.6	-7.6	NO		NO	bb
9	180110M3_10	Standard	12.500	4.66	11695.055	14424.272	10.135	12.4	-0.8	NO		NO	bb

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Compound name: 13C8-PFOSA

Response Factor: 0.222952
 RRF SD: 0.0226253, Relative SD: 10.148
 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 180110M3_2	Standard	12.500	4.72	1564.524	7146.186	2.737	12.3	-1.8	NO		NO	bb
2	2 180110M3_3	Standard	12.500	4.72	1375.187	6976.103	2.464	11.1	-11.6	NO		NO	bb
3	3 180110M3_4	Standard	12.500	4.72	1766.893	8730.687	2.530	11.3	-9.2	NO		NO	bb
4	4 180110M3_5	Standard	12.500	4.72	1897.929	8502.860	2.790	12.5	0.1	NO		NO	bb
5	5 180110M3_6	Standard	12.500	4.72	2478.382	9392.645	3.298	14.8	18.4	NO		NO	bb
6	6 180110M3_7	Standard	12.500	4.72	2100.719	10144.617	2.588	11.6	-7.1	NO		NO	bb
7	7 180110M3_8	Standard	12.500	4.72	2311.924	10475.976	2.759	12.4	-1.0	NO		NO	bb
8	8 180110M3_9	Standard	12.500	4.72	2220.110	10176.034	2.727	12.2	-2.1	NO		NO	bb
9	9 180110M3_10	Standard	12.500	4.71	2993.427	11733.247	3.189	14.3	14.4	NO		NO	bb

Compound name: 13C8-PFOS

Response Factor: 0.874623
 RRF SD: 0.125135, Relative SD: 14.3074
 Response type: Internal Std (Ref 59), 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 180110M3_2	Standard	12.500	4.74	1618.655	2105.094	9.612	11.0	-12.1	NO		NO	bb
2	2 180110M3_3	Standard	12.500	4.74	1941.504	2275.136	10.667	12.2	-2.4	NO		NO	bb
3	3 180110M3_4	Standard	12.500	4.74	1895.721	2164.789	10.946	12.5	0.1	NO		NO	bb
4	4 180110M3_5	Standard	12.500	4.74	2275.169	1933.818	14.706	16.8	34.5	NO		NO	bb
5	5 180110M3_6	Standard	12.500	4.74	3237.610	3714.762	10.894	12.5	-0.4	NO		NO	bb
6	6 180110M3_7	Standard	12.500	4.74	2589.350	2811.424	11.513	13.2	5.3	NO		NO	bb
7	7 180110M3_8	Standard	12.500	4.74	2649.839	3528.814	9.386	10.7	-14.1	NO		NO	bb
8	8 180110M3_9	Standard	12.500	4.74	2652.518	3149.809	10.527	12.0	-3.7	NO		NO	bb
9	9 180110M3_10	Standard	12.500	4.74	2938.436	3620.976	10.144	11.6	-7.2	NO		NO	bb

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Compound name: 13C2-PFDA

Response Factor: 1.10533
 RRF SD: 0.141708, Relative SD: 12.8204
 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 180110M3_2	Standard	12.500	5.03	6621.417	6709.350	12.336	11.2	-10.7	NO		NO	bb
2	2 180110M3_3	Standard	12.500	5.04	7011.031	6275.866	13.964	12.6	1.1	NO		NO	bb
3	3 180110M3_4	Standard	12.500	5.03	7865.675	5735.000	17.144	15.5	24.1	NO		NO	bb
4	4 180110M3_5	Standard	12.500	5.03	7909.186	7379.163	13.398	12.1	-3.0	NO		NO	bb
5	5 180110M3_6	Standard	12.500	5.03	8990.281	8404.810	13.371	12.1	-3.2	NO		NO	bb
6	6 180110M3_7	Standard	12.500	5.03	8394.882	6873.380	15.267	13.8	10.5	NO		NO	bb
7	7 180110M3_8	Standard	12.500	5.03	7178.136	7852.201	11.427	10.3	-17.3	NO		NO	bb
8	8 180110M3_9	Standard	12.500	5.03	8067.630	8147.183	12.378	11.2	-10.4	NO		NO	bb
9	9 180110M3_10	Standard	12.500	5.03	11784.516	9778.104	15.065	13.6	9.0	NO		NO	bb

Compound name: 13C2-8:2 FTS

Not used

Response Factor: 0.100865
 RRF SD: 0.0423355, Relative SD: 41.9722
 Response type: Internal Std (Ref 55), 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 180110M3_2	Standard	12.500	5.00	644.281	8819.409	0.913	9.1	-27.6	NO		NO	bb
2	2 180110M3_3	Standard	12.500	5.00	889.045	8657.168	1.284	12.7	1.8	NO		NO	bb
3	3 180110M3_4	Standard	12.500	5.00	654.053	10153.727	0.805	8.0	-36.1	NO		NO	bb
4	4 180110M3_5	Standard	12.500	5.01	773.072	10362.211	0.933	9.2	-26.0	NO		NO	bb
5	5 180110M3_6	Standard	12.500	5.00	975.410	14579.612	0.836	8.3	-33.7	NO		NO	bb
6	6 180110M3_7	Standard	12.500	5.00	1012.922	12281.571	1.031	10.2	-18.2	NO		NO	bb
7	7 180110M3_8	Standard	12.500	5.00	1364.890	12975.809	1.315	13.0	4.3	NO		NO	bb
8	8 180110M3_9	Standard	12.500	5.00	1744.984	11578.389	1.884	18.7	49.4	NO		NO	bb
9	9 180110M3_10	Standard	12.500	5.00	3049.447	16242.380	2.347	23.3	86.1	NO		NO	bb

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Compound name: d3-N-MeFOSAA

Response Factor: 0.34512

RRF SD: 0.0402363, Relative SD: 11.6586

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 180110M3_2	Standard	12.500	5.18	2584.018	7146.186	4.520	13.1	4.8	NO		NO	bb
2	2 180110M3_3	Standard	12.500	5.18	2279.408	6976.103	4.084	11.8	-5.3	NO		NO	bb
3	3 180110M3_4	Standard	12.500	5.18	2474.278	8730.687	3.543	10.3	-17.9	NO		NO	bb
4	4 180110M3_5	Standard	12.500	5.18	3010.187	8502.860	4.425	12.8	2.6	NO		NO	bb
5	5 180110M3_6	Standard	12.500	5.18	4004.625	9392.645	5.329	15.4	23.5	NO		NO	bb
6	6 180110M3_7	Standard	12.500	5.18	3453.088	10144.617	4.255	12.3	-1.4	NO		NO	bb
7	7 180110M3_8	Standard	12.500	5.18	3302.028	10475.976	3.940	11.4	-8.7	NO		NO	bb
8	8 180110M3_9	Standard	12.500	5.18	3769.683	10176.034	4.631	13.4	7.3	NO		NO	bb
9	9 180110M3_10	Standard	12.500	5.18	3847.682	11733.247	4.099	11.9	-5.0	NO		NO	bb

Compound name: d5-N-EtFOSAA

Response Factor: 0.390404

RRF SD: 0.0471008, Relative SD: 12.0646

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 180110M3_2	Standard	12.500	5.33	3050.200	7146.186	5.335	13.7	9.3	NO		NO	bb
2	2 180110M3_3	Standard	12.500	5.33	3056.172	6976.103	5.476	14.0	12.2	NO		NO	bb
3	3 180110M3_4	Standard	12.500	5.33	3257.867	8730.687	4.664	11.9	-4.4	NO		NO	bb
4	4 180110M3_5	Standard	12.500	5.33	3281.707	8502.860	4.824	12.4	-1.1	NO		NO	bb
5	5 180110M3_6	Standard	12.500	5.33	4319.860	9392.645	5.749	14.7	17.8	NO		NO	bb
6	6 180110M3_7	Standard	12.500	5.34	3499.391	10144.617	4.312	11.0	-11.6	NO		NO	bb
7	7 180110M3_8	Standard	12.500	5.33	3318.419	10475.976	3.960	10.1	-18.9	NO		NO	bb
8	8 180110M3_9	Standard	12.500	5.33	3635.765	10176.034	4.466	11.4	-8.5	NO		NO	bb
9	9 180110M3_10	Standard	12.500	5.33	4818.760	11733.247	5.134	13.1	5.2	NO		NO	bb

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Compound name: 13C2-PFUdA

Response Factor: 0.957991

RRF SD: 0.119129, Relative SD: 12.4353

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 180110M3_2	Standard	12.500	5.35	7775.131	7146.186	13.600	14.2	13.6	NO		NO	bb
2	2 180110M3_3	Standard	12.500	5.35	5841.358	6976.103	10.467	10.9	-12.6	NO		NO	bb
3	3 180110M3_4	Standard	12.500	5.35	6821.692	8730.687	9.767	10.2	-18.4	NO		NO	bb
4	4 180110M3_5	Standard	12.500	5.36	7907.348	8502.860	11.625	12.1	-2.9	NO		NO	bb
5	5 180110M3_6	Standard	12.500	5.35	9228.782	9392.645	12.282	12.8	2.6	NO		NO	bb
6	6 180110M3_7	Standard	12.500	5.35	10040.164	10144.617	12.371	12.9	3.3	NO		NO	bb
7	7 180110M3_8	Standard	12.500	5.35	9539.813	10475.976	11.383	11.9	-4.9	NO		NO	bb
8	8 180110M3_9	Standard	12.500	5.35	9474.396	10176.034	11.638	12.1	-2.8	NO		NO	bb
9	9 180110M3_10	Standard	12.500	5.35	13743.283	11733.247	14.641	15.3	22.3	NO		NO	bb

Compound name: 13C2-PFDoA

Response Factor: 0.599156

RRF SD: 0.0521603, Relative SD: 8.70563

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 180110M3_2	Standard	12.500	5.63	4189.487	7146.186	7.328	12.2	-2.2	NO		NO	bb
2	2 180110M3_3	Standard	12.500	5.64	3969.021	6976.103	7.112	11.9	-5.0	NO		NO	bb
3	3 180110M3_4	Standard	12.500	5.63	4869.713	8730.687	6.972	11.6	-6.9	NO		NO	bb
4	4 180110M3_5	Standard	12.500	5.64	4575.956	8502.860	6.727	11.2	-10.2	NO		NO	bb
5	5 180110M3_6	Standard	12.500	5.63	6385.208	9392.645	8.498	14.2	13.5	NO		NO	bb
6	6 180110M3_7	Standard	12.500	5.64	5791.910	10144.617	7.137	11.9	-4.7	NO		NO	bb
7	7 180110M3_8	Standard	12.500	5.63	7164.268	10475.976	8.548	14.3	14.1	NO		NO	bb
8	8 180110M3_9	Standard	12.500	5.63	5943.687	10176.034	7.301	12.2	-2.5	NO		NO	bb
9	9 180110M3_10	Standard	12.500	5.64	7304.709	11733.247	7.782	13.0	3.9	NO		NO	bb

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Compound name: d3-N-MeFOSA

Response Factor: 0.124177

RRF SD: 0.00905884, Relative SD: 7.29512

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 180110M3_2	Standard	150.000	5.73	10743.257	7146.186	18.792	151.3	0.9	NO		NO	bb
2	2 180110M3_3	Standard	150.000	5.73	9835.262	6976.103	17.623	141.9	-5.4	NO		NO	bb
3	3 180110M3_4	Standard	150.000	5.73	12097.896	8730.687	17.321	139.5	-7.0	NO		NO	bb
4	4 180110M3_5	Standard	150.000	5.73	12431.512	8502.860	18.275	147.2	-1.9	NO		NO	bb
5	5 180110M3_6	Standard	150.000	5.73	16115.154	9392.645	21.447	172.7	15.1	NO		NO	bb
6	6 180110M3_7	Standard	150.000	5.73	14402.728	10144.617	17.747	142.9	-4.7	NO		NO	bb
7	7 180110M3_8	Standard	150.000	5.73	15466.819	10475.976	18.455	148.6	-0.9	NO		NO	bb
8	8 180110M3_9	Standard	150.000	5.73	14480.274	10176.034	17.787	143.2	-4.5	NO		NO	bb
9	9 180110M3_10	Standard	150.000	5.73	18952.975	11733.247	20.192	162.6	8.4	NO		NO	bb

Compound name: 13C2-PFTeDA

Response Factor: 0.281715

RRF SD: 0.0301772, Relative SD: 10.712

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 180110M3_2	Standard	12.500	6.10	1955.129	7146.186	3.420	12.1	-2.9	NO		NO	bb
2	2 180110M3_3	Standard	12.500	6.10	1829.135	6976.103	3.278	11.6	-6.9	NO		NO	bb
3	3 180110M3_4	Standard	12.500	6.10	2327.717	8730.687	3.333	11.8	-5.4	NO		NO	bb
4	4 180110M3_5	Standard	12.500	6.10	2174.831	8502.860	3.197	11.3	-9.2	NO		NO	bb
5	5 180110M3_6	Standard	12.500	6.10	3158.222	9392.645	4.203	14.9	19.4	NO		NO	bb
6	6 180110M3_7	Standard	12.500	6.10	2821.178	10144.617	3.476	12.3	-1.3	NO		NO	bb
7	7 180110M3_8	Standard	12.500	6.10	2885.126	10475.976	3.443	12.2	-2.2	NO		NO	bb
8	8 180110M3_9	Standard	12.500	6.10	2620.882	10176.034	3.219	11.4	-8.6	NO		NO	bb
9	9 180110M3_10	Standard	12.500	6.10	3871.496	11733.247	4.124	14.6	17.1	NO		NO	bb

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Compound name: d5-N-ETFOSA

Response Factor: 0.184306

RRF SD: 0.0154361, Relative SD: 8.37525

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 180110M3_2	Standard	150.000	6.12	16238.895	7146.186	28.405	154.1	2.7	NO		NO	bb
2	2 180110M3_3	Standard	150.000	6.12	15620.249	6976.103	27.989	151.9	1.2	NO		NO	bb
3	3 180110M3_4	Standard	150.000	6.12	17774.992	8730.687	25.449	138.1	-7.9	NO		NO	bb
4	4 180110M3_5	Standard	150.000	6.12	18942.303	8502.860	27.847	151.1	0.7	NO		NO	bb
5	5 180110M3_6	Standard	150.000	6.12	24990.723	9392.645	33.258	180.5	20.3	NO		NO	bb
6	6 180110M3_7	Standard	150.000	6.12	21510.641	10144.617	26.505	143.8	-4.1	NO		NO	bb
7	7 180110M3_8	Standard	150.000	6.11	22103.201	10475.976	26.374	143.1	-4.6	NO		NO	bb
8	8 180110M3_9	Standard	150.000	6.12	21279.357	10176.034	26.139	141.8	-5.5	NO		NO	bb
9	9 180110M3_10	Standard	150.000	6.12	25200.256	11733.247	26.847	145.7	-2.9	NO		NO	bb

Compound name: 13C2-PFHxDA

Response Factor: 0.539833

RRF SD: 0.0687366, Relative SD: 12.7329

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 180110M3_2	Standard	5.000	6.43	1428.470	7146.186	2.499	4.6	-7.4	NO		NO	bb
2	2 180110M3_3	Standard	5.000	6.43	1602.730	6976.103	2.872	5.3	6.4	NO		NO	bb
3	3 180110M3_4	Standard	5.000	6.43	1624.887	8730.687	2.326	4.3	-13.8	NO		NO	bb
4	4 180110M3_5	Standard	5.000	6.43	1502.644	8502.860	2.209	4.1	-18.2	NO		NO	bb
5	5 180110M3_6	Standard	5.000	6.43	2226.881	9392.645	2.964	5.5	9.8	NO		NO	bb
6	6 180110M3_7	Standard	5.000	6.43	2045.703	10144.617	2.521	4.7	-6.6	NO		NO	bb
7	7 180110M3_8	Standard	5.000	6.43	2213.677	10475.976	2.641	4.9	-2.1	NO		NO	bb
8	8 180110M3_9	Standard	5.000	6.43	2470.003	10176.034	3.034	5.6	12.4	NO		NO	bb
9	9 180110M3_10	Standard	5.000	6.43	3028.907	11733.247	3.227	6.0	19.5	NO		NO	bb

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Compound name: d7-N-MeFOSE

Response Factor: 0.182261

RRF SD: 0.0217695, Relative SD: 11.9442

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	180110M3_2	Standard	150.000	6.24	18600.686	7146.186	32.536	178.5	19.0	NO		NO	bb
2	180110M3_3	Standard	150.000	6.24	14371.076	6976.103	25.751	141.3	-5.8	NO		NO	bb
3	180110M3_4	Standard	150.000	6.24	17457.375	8730.687	24.994	137.1	-8.6	NO		NO	bb
4	180110M3_5	Standard	150.000	6.24	18372.555	8502.860	27.009	148.2	-1.2	NO		NO	bb
5	180110M3_6	Standard	150.000	6.24	23253.285	9392.645	30.946	169.8	13.2	NO		NO	bb
6	180110M3_7	Standard	150.000	6.24	18111.193	10144.617	22.316	122.4	-18.4	NO		NO	bb
7	180110M3_8	Standard	150.000	6.24	23087.781	10475.976	27.548	151.1	0.8	NO		NO	bb
8	180110M3_9	Standard	150.000	6.24	20386.021	10176.034	25.042	137.4	-8.4	NO		NO	bb
9	180110M3_10	Standard	150.000	6.24	28074.316	11733.247	29.909	164.1	9.4	NO		NO	bb

Compound name: d9-N-EtFOSE

Response Factor: 0.172538

RRF SD: 0.024293, Relative SD: 14.0798

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	180110M3_2	Standard	150.000	6.40	16885.416	7146.186	29.536	171.2	14.1	NO		NO	bb
2	180110M3_3	Standard	150.000	6.40	13110.849	6976.103	23.492	136.2	-9.2	NO		NO	bb
3	180110M3_4	Standard	150.000	6.39	16446.465	8730.687	23.547	136.5	-9.0	NO		NO	bb
4	180110M3_5	Standard	150.000	6.39	16689.393	8502.860	24.535	142.2	-5.2	NO		NO	bb
5	180110M3_6	Standard	150.000	6.40	22391.037	9392.645	29.799	172.7	15.1	NO		NO	bb
6	180110M3_7	Standard	150.000	6.40	19962.660	10144.617	24.598	142.6	-5.0	NO		NO	bb
7	180110M3_8	Standard	150.000	6.39	22425.359	10475.976	26.758	155.1	3.4	NO		NO	bb
8	180110M3_9	Standard	150.000	6.39	16106.103	10176.034	19.784	114.7	-23.6	NO		NO	bb
9	180110M3_10	Standard	150.000	6.39	28984.094	11733.247	30.878	179.0	19.3	NO		NO	bb

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Compound name: 13C4-PFBA

Response Factor: 1

RRF SD: 3.92523e-017, Relative SD: 3.92523e-015

Response type: Internal Std (Ref 54), 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 180110M3_2	Standard	12.500	1.33	7508.845	7508.845	12.500	12.5	0.0	NO		NO	bb
2	2 180110M3_3	Standard	12.500	1.34	7057.356	7057.356	12.500	12.5	0.0	NO		NO	bb
3	3 180110M3_4	Standard	12.500	1.33	8001.987	8001.987	12.500	12.5	0.0	NO		NO	bb
4	4 180110M3_5	Standard	12.500	1.33	8507.537	8507.537	12.500	12.5	0.0	NO		NO	bb
5	5 180110M3_6	Standard	12.500	1.33	11925.119	11925.119	12.500	12.5	0.0	NO		NO	bb
6	6 180110M3_7	Standard	12.500	1.34	10276.120	10276.120	12.500	12.5	0.0	NO		NO	bb
7	7 180110M3_8	Standard	12.500	1.33	10906.643	10906.643	12.500	12.5	0.0	NO		NO	bb
8	8 180110M3_9	Standard	12.500	1.34	9827.420	9827.420	12.500	12.5	0.0	NO		NO	bb
9	9 180110M3_10	Standard	12.500	1.34	14467.951	14467.951	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C5-PFHxA

Response Factor: 1

RRF SD: 7.85046e-017, Relative SD: 7.85046e-015

Response type: Internal Std (Ref 55), 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 180110M3_2	Standard	12.500	3.08	8819.409	8819.409	12.500	12.5	0.0	NO		NO	bb
2	2 180110M3_3	Standard	12.500	3.09	8657.168	8657.168	12.500	12.5	0.0	NO		NO	bb
3	3 180110M3_4	Standard	12.500	3.08	10153.727	10153.727	12.500	12.5	0.0	NO		NO	bb
4	4 180110M3_5	Standard	12.500	3.08	10362.211	10362.211	12.500	12.5	0.0	NO		NO	bb
5	5 180110M3_6	Standard	12.500	3.08	14579.612	14579.612	12.500	12.5	0.0	NO		NO	bb
6	6 180110M3_7	Standard	12.500	3.09	12281.571	12281.571	12.500	12.5	0.0	NO		NO	bb
7	7 180110M3_8	Standard	12.500	3.09	12975.809	12975.809	12.500	12.5	0.0	NO		NO	bb
8	8 180110M3_9	Standard	12.500	3.08	11578.389	11578.389	12.500	12.5	0.0	NO		NO	bb
9	9 180110M3_10	Standard	12.500	3.09	16242.380	16242.380	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C3-PFHxS

Response Factor: 1

RRF SD: 7.85046e-017, Relative SD: 7.85046e-015

Response type: Internal Std (Ref 56), 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 180110M3_2	Standard	12.500	3.85	2278.692	2278.692	12.500	12.5	0.0	NO		NO	bb
2	2 180110M3_3	Standard	12.500	3.86	2027.751	2027.751	12.500	12.5	0.0	NO		NO	bb
3	3 180110M3_4	Standard	12.500	3.85	2588.349	2588.349	12.500	12.5	0.0	NO		NO	bb
4	4 180110M3_5	Standard	12.500	3.86	2638.712	2638.712	12.500	12.5	0.0	NO		NO	bb
5	5 180110M3_6	Standard	12.500	3.85	3243.043	3243.043	12.500	12.5	0.0	NO		NO	bb
6	6 180110M3_7	Standard	12.500	3.86	2945.932	2945.932	12.500	12.5	0.0	NO		NO	bb
7	7 180110M3_8	Standard	12.500	3.85	3128.825	3128.825	12.500	12.5	0.0	NO		NO	bb
8	8 180110M3_9	Standard	12.500	3.85	3222.897	3222.897	12.500	12.5	0.0	NO		NO	bb
9	9 180110M3_10	Standard	12.500	3.85	3518.808	3518.808	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C8-PFOA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 57), 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 180110M3_2	Standard	12.500	4.22	7716.699	7716.699	12.500	12.5	0.0	NO		NO	bb
2	2 180110M3_3	Standard	12.500	4.22	8022.848	8022.848	12.500	12.5	0.0	NO		NO	bb
3	3 180110M3_4	Standard	12.500	4.22	9839.251	9839.251	12.500	12.5	0.0	NO		NO	bb
4	4 180110M3_5	Standard	12.500	4.22	9158.829	9158.829	12.500	12.5	0.0	NO		NO	bb
5	5 180110M3_6	Standard	12.500	4.22	13168.367	13168.367	12.500	12.5	0.0	NO		NO	bb
6	6 180110M3_7	Standard	12.500	4.23	12177.514	12177.514	12.500	12.5	0.0	NO		NO	bb
7	7 180110M3_8	Standard	12.500	4.23	11624.087	11624.087	12.500	12.5	0.0	NO		NO	bb
8	8 180110M3_9	Standard	12.500	4.22	9690.272	9690.272	12.500	12.5	0.0	NO		NO	bb
9	9 180110M3_10	Standard	12.500	4.23	14028.530	14028.530	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C9-PFNA

Response Factor: 1

RRF SD: 8.77708e-017, Relative SD: 8.77708e-015

Response type: Internal Std (Ref 58), 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 180110M3_2	Standard	12.500	4.65	8419.302	8419.302	12.500	12.5	0.0	NO		NO	bb
2	2 180110M3_3	Standard	12.500	4.66	7958.151	7958.151	12.500	12.5	0.0	NO		NO	bb
3	3 180110M3_4	Standard	12.500	4.65	8439.292	8439.292	12.500	12.5	0.0	NO		NO	bb
4	4 180110M3_5	Standard	12.500	4.66	9727.010	9727.010	12.500	12.5	0.0	NO		NO	bb
5	5 180110M3_6	Standard	12.500	4.66	13224.706	13224.706	12.500	12.5	0.0	NO		NO	bb
6	6 180110M3_7	Standard	12.500	4.66	11503.174	11503.174	12.500	12.5	0.0	NO		NO	bb
7	7 180110M3_8	Standard	12.500	4.66	11865.055	11865.055	12.500	12.5	0.0	NO		NO	bb
8	8 180110M3_9	Standard	12.500	4.66	11583.457	11583.457	12.500	12.5	0.0	NO		NO	bb
9	9 180110M3_10	Standard	12.500	4.66	14424.272	14424.272	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C4-PFOS

Response Factor: 1

RRF SD: 5.55112e-017, Relative SD: 5.55112e-015

Response type: Internal Std (Ref 59), 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 180110M3_2	Standard	12.500	4.74	2105.094	2105.094	12.500	12.5	0.0	NO		NO	bb
2	2 180110M3_3	Standard	12.500	4.74	2275.136	2275.136	12.500	12.5	0.0	NO		NO	bb
3	3 180110M3_4	Standard	12.500	4.74	2164.789	2164.789	12.500	12.5	0.0	NO		NO	bb
4	4 180110M3_5	Standard	12.500	4.74	1933.818	1933.818	12.500	12.5	0.0	NO		NO	bb
5	5 180110M3_6	Standard	12.500	4.74	3714.762	3714.762	12.500	12.5	0.0	NO		NO	bb
6	6 180110M3_7	Standard	12.500	4.74	2811.424	2811.424	12.500	12.5	0.0	NO		NO	bb
7	7 180110M3_8	Standard	12.500	4.74	3528.814	3528.814	12.500	12.5	0.0	NO		NO	bb
8	8 180110M3_9	Standard	12.500	4.74	3149.809	3149.809	12.500	12.5	0.0	NO		NO	bb
9	9 180110M3_10	Standard	12.500	4.74	3620.976	3620.976	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C6-PFDA

Response Factor: 1

RRF SD: 7.85046e-017, Relative SD: 7.85046e-015

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 180110M3_2	Standard	12.500	5.03	6709.350	6709.350	12.500	12.5	0.0	NO		NO	bb
2	2 180110M3_3	Standard	12.500	5.03	6275.866	6275.866	12.500	12.5	0.0	NO		NO	bb
3	3 180110M3_4	Standard	12.500	5.03	5735.000	5735.000	12.500	12.5	0.0	NO		NO	bb
4	4 180110M3_5	Standard	12.500	5.03	7379.163	7379.163	12.500	12.5	0.0	NO		NO	bb
5	5 180110M3_6	Standard	12.500	5.03	8404.810	8404.810	12.500	12.5	0.0	NO		NO	bb
6	6 180110M3_7	Standard	12.500	5.03	6873.380	6873.380	12.500	12.5	0.0	NO		NO	bb
7	7 180110M3_8	Standard	12.500	5.03	7852.201	7852.201	12.500	12.5	0.0	NO		NO	bb
8	8 180110M3_9	Standard	12.500	5.03	8147.183	8147.183	12.500	12.5	0.0	NO		NO	bb
9	9 180110M3_10	Standard	12.500	5.03	9778.104	9778.104	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C7-PFUdA

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	1 180110M3_2	Standard	12.500	5.35	7146.186	7146.186	12.500	12.5	0.0	NO		NO	bb
2	2 180110M3_3	Standard	12.500	5.35	6976.103	6976.103	12.500	12.5	0.0	NO		NO	bb
3	3 180110M3_4	Standard	12.500	5.35	8730.687	8730.687	12.500	12.5	0.0	NO		NO	bb
4	4 180110M3_5	Standard	12.500	5.36	8502.860	8502.860	12.500	12.5	0.0	NO		NO	bb
5	5 180110M3_6	Standard	12.500	5.35	9392.645	9392.645	12.500	12.5	0.0	NO		NO	bb
6	6 180110M3_7	Standard	12.500	5.36	10144.617	10144.617	12.500	12.5	0.0	NO		NO	bb
7	7 180110M3_8	Standard	12.500	5.35	10475.976	10475.976	12.500	12.5	0.0	NO		NO	bb
8	8 180110M3_9	Standard	12.500	5.35	10176.034	10176.034	12.500	12.5	0.0	NO		NO	bb
9	9 180110M3_10	Standard	12.500	5.35	11733.247	11733.247	12.500	12.5	0.0	NO		NO	bb

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Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_010818.mdb 09 Jan 2018 10:39:49

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_01-10-18-FULL-M3.cdb 11 Jan 2018 14:26:30

Name: 180110M3_2, Date: 11-Jan-2018, Time: 09:34:02, ID: ST180110M3-1 PFC CS-2 17L2606, Description: PFC CS-2 17L2606

#	Name	CoD	CoD Flag	%RSD
1	1 PFBA	0.9991	NO	
2	2 PFPeA	0.9994	NO	
3	3 PFBS	0.9996	NO	
4	4 PFHxA	0.9981	NO	
5	5 PFHpA	0.9997	NO	
6	6 L-PFHxS	0.9982	NO	
7	8 6:2 FTS	0.9952	NO	
8	9 L-PFOA	0.9985	NO	
9	11 PFHpS	0.9994	NO	
10	12 PFNA	0.9981	NO	
11	13 PFOSA	0.9987	NO	
12	14 L-PFOS	0.9974	NO	
13	16 PFDA	0.9999	NO	
14	17 8:2 FTS	0.9977	NO	
15	18 N-MeFOSAA	0.9914	NO	
16	19 N-EtFOSAA	0.9991	NO	
17	20 PFUdA	0.9979	NO	
18	21 PFDS	0.9973	NO	
19	22 PFDoA	0.9987	NO	
20	23 N-MeFOSA	0.9991	NO	
21	24 PFTrDA	0.9995	NO	
22	25 PFTeDA	0.9995	NO	
23	26 N-EtFOSA	0.9999	NO	
24	27 PFHxDA	0.9977	NO	
25	28 PFODA	0.9980	NO	
26	29 N-MeFOSE	0.9980	NO	
27	30 N-EtFOSE	0.9991	NO	
28	31 13C3-PFBA		NO	4.586
29	32 13C3-PFPeA		NO	3.889
30	33 13C3-PFBS		NO	6.327
31	34 13C2-PFHxA		NO	4.819

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Name: 180110M3_2, Date: 11-Jan-2018, Time: 09:34:02, ID: ST180110M3-1 PFC CS-2 17L2606, Description: PFC CS-2 17L2606

#	Name	CoD	CoD Flag	%RSD
32	35 13C4-PFHpA		NO	3.651
33	36 18O2-PFHxS		NO	7.498
34	37 13C2-6:2 FTS		NO	37.569
35	38 13C2-PFOA		NO	7.432
36	39 13C5-PFNA		NO	10.320
37	40 13C8-PFOA		NO	10.148
38	41 13C8-PFOS		NO	14.307
39	42 13C2-PFDA		NO	12.820
40	43 13C2-8:2 FTS		NO	41.972
41	44 d3-N-MeFOSAA		NO	11.659
42	45 d5-N-EtFOSAA		NO	12.065
43	46 13C2-PFUdA		NO	12.435
44	47 13C2-PFDoA		NO	8.706
45	48 d3-N-MeFOSA		NO	7.295
46	49 13C2-PFTeDA		NO	10.712
47	50 d5-N-ETFOSA		NO	8.375
48	51 13C2-PFHxDA		NO	12.733
49	52 d7-N-MeFOSE		NO	11.944
50	53 d9-N-EtFOSE		NO	14.080
51	54 13C4-PFBA		NO	0.000
52	55 13C5-PFHxA		NO	0.000
53	56 13C3-PFHxS		NO	0.000
54	57 13C8-PFOA		NO	0.000
55	58 13C9-PFNA		NO	0.000
56	59 13C4-PFOS		NO	0.000
57	60 13C6-PFDA		NO	0.000
58	61 13C7-PFUdA		NO	0.000

not used

not used

Dataset: Untitled

Last Altered: Thursday, January 11, 2018 15:27:52 Pacific Standard Time

Printed: Thursday, January 11, 2018 15:28:19 Pacific Standard Time

Method: U:\Q4.PROMethDB\PFAS_FULL_80C_010818C.mdb 11 Jan 2018 15:26:25

Calibration: 11 Jan 2018 15:27:52

Compound name: PFBA

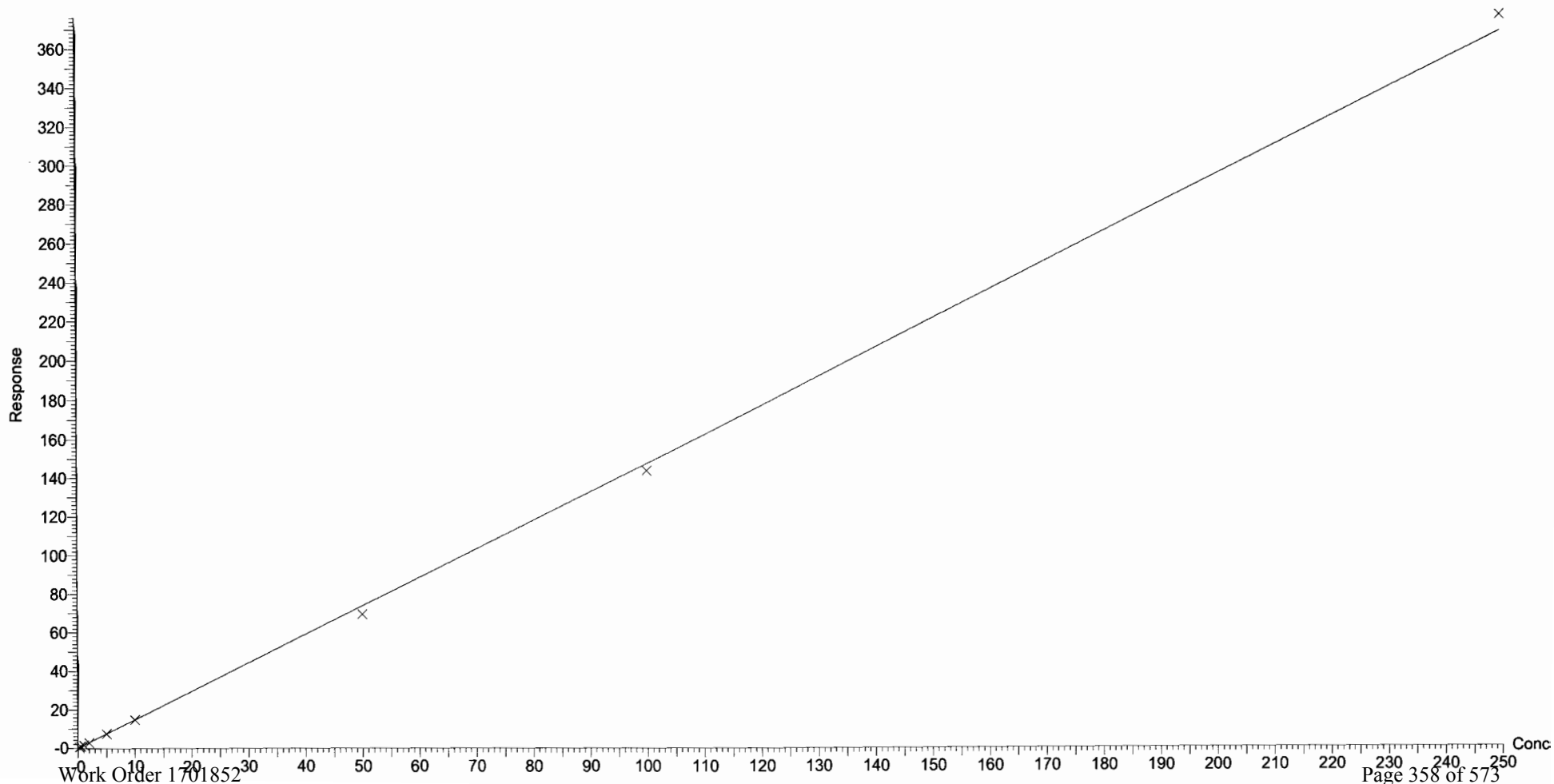
	Name	ID	Acq Date	Acq Time
1	180110M3_1	IPA	11-Jan-18	09:22:51
2	180110M3_2	ST180110M3-1 PFC CS-2 17L2606	11-Jan-18	09:34:02
3	180110M3_3	ST180110M3-2 PFC CS-1 17L2607	11-Jan-18	09:45:13
4	180110M3_4	ST180110M3-3 PFC CS0 17L2608	11-Jan-18	09:56:23
5	180110M3_5	ST180110M3-4 PFC CS1 17L2609	11-Jan-18	10:07:34
6	180110M3_6	ST180110M3-5 PFC CS2 17L2610	11-Jan-18	10:18:46
7	180110M3_7	ST180110M3-6 PFC CS3 17L2611	11-Jan-18	10:29:56
8	180110M3_8	ST180110M3-7 PFC CS4 17L2612	11-Jan-18	10:41:06
9	180110M3_9	ST180110M3-8 PFC CS5 17L2613	11-Jan-18	10:52:18
10	180110M3_10	ST180110M3-9 PFC CS6 17L2710	11-Jan-18	11:03:28
11	180110M3_11	IPA	11-Jan-18	11:14:39
12	180110M3_12	ICV180110M3-1 PFC ICV 17L1201	11-Jan-18	11:25:49

Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time
Printed: Thursday, January 11, 2018 14:27:36 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_010818.mdb 09 Jan 2018 10:39:49
Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_01-10-18-FULL-M3.cdb 11 Jan 2018 14:26:30

Compound name: PFBA
Correlation coefficient: $r = 0.999526$, $r^2 = 0.999051$
Calibration curve: $1.47179 * x + -0.0484807$
Response type: Internal Std (Ref 31), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\180110M3\180110M3_cv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:27:36 Pacific Standard Time

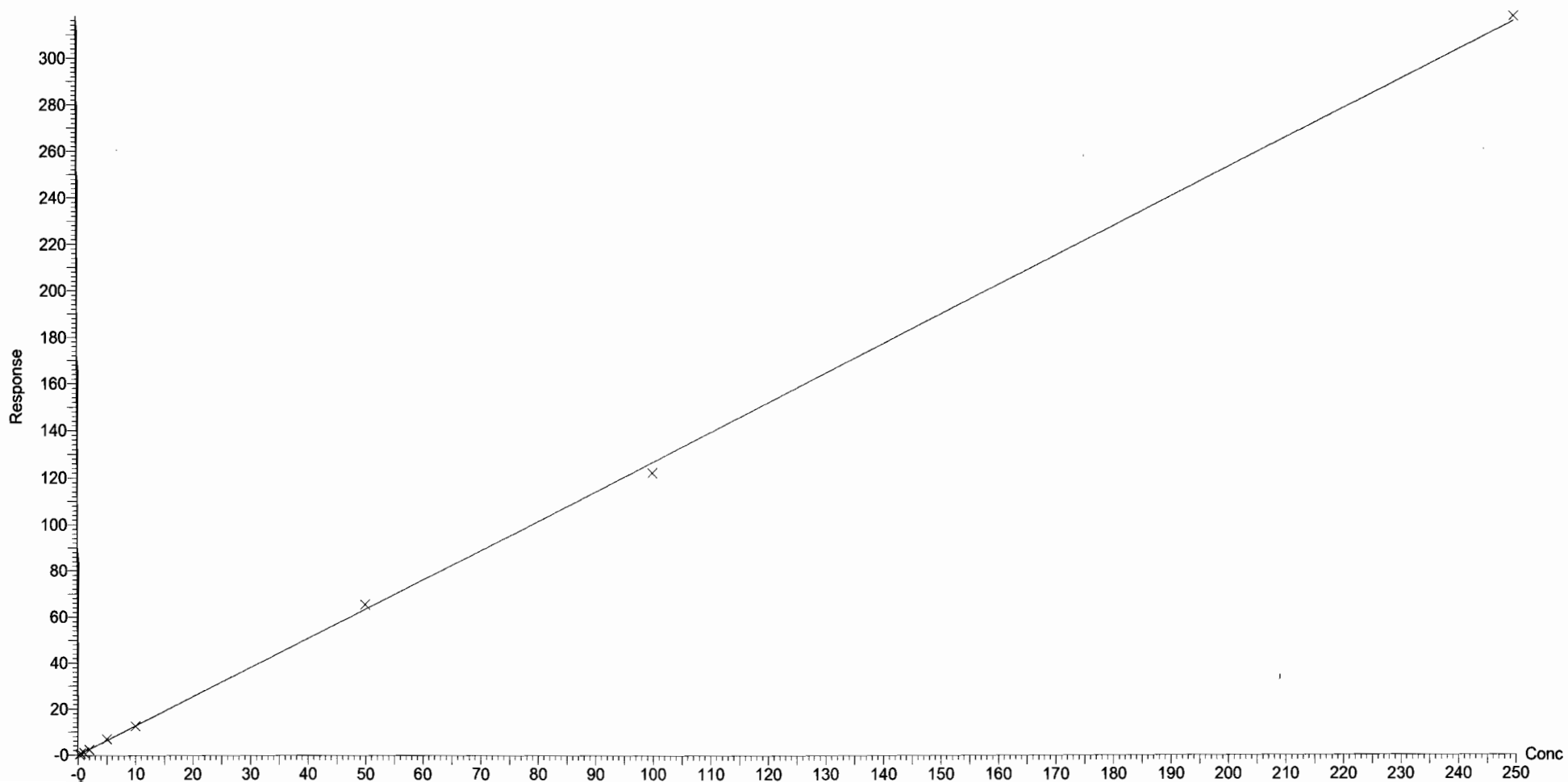
Compound name: PFPeA

Correlation coefficient: $r = 0.999692$, $r^2 = 0.999384$

Calibration curve: $1.26321 * x + -0.0617763$

Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)

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



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:27:36 Pacific Standard Time

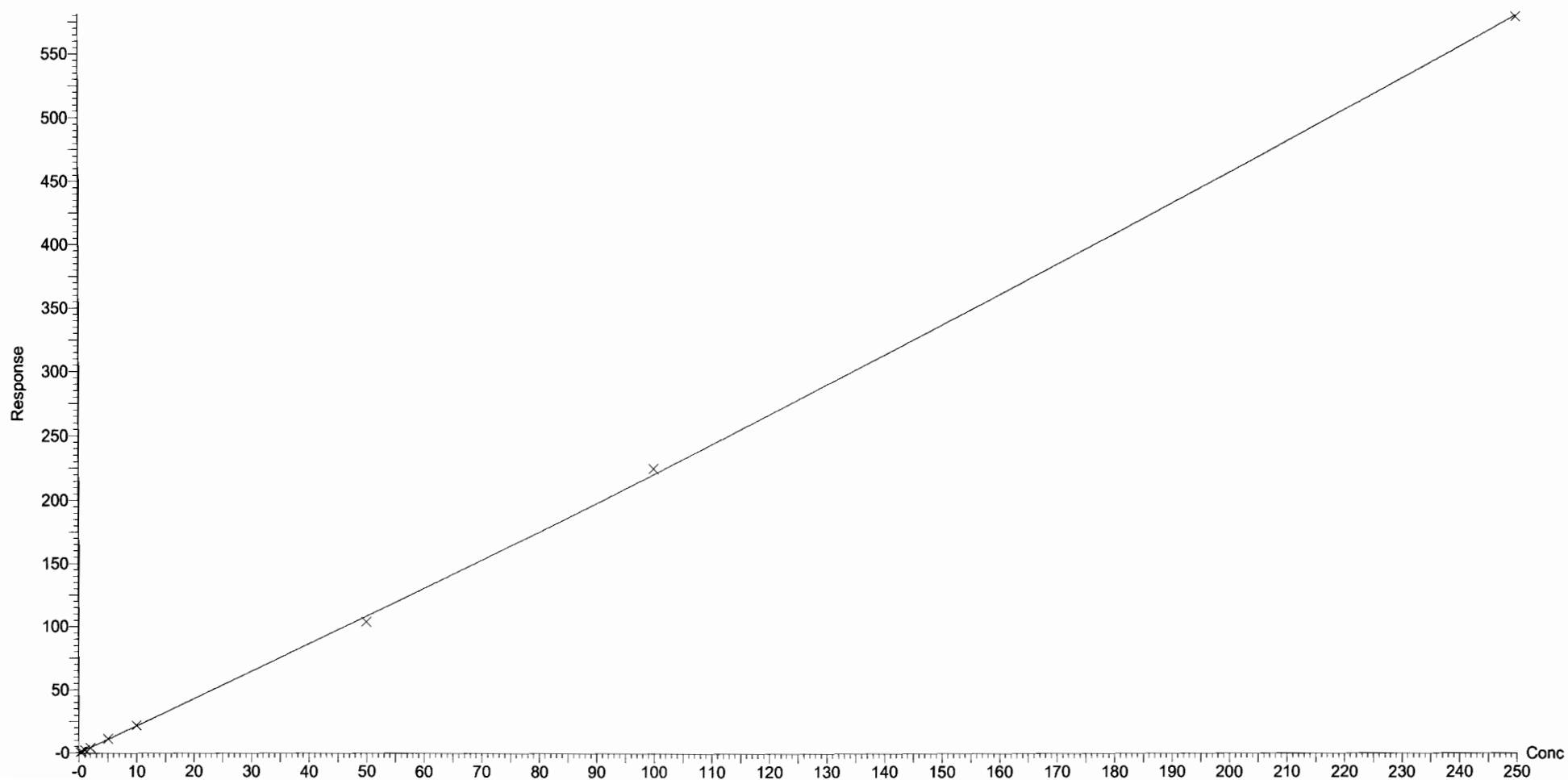
Compound name: PFBS

Coefficient of Determination: $R^2 = 0.999640$

Calibration curve: $0.00081362 * x^2 + 2.12043 * x + 0.00999409$

Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)

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



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:27:36 Pacific Standard Time

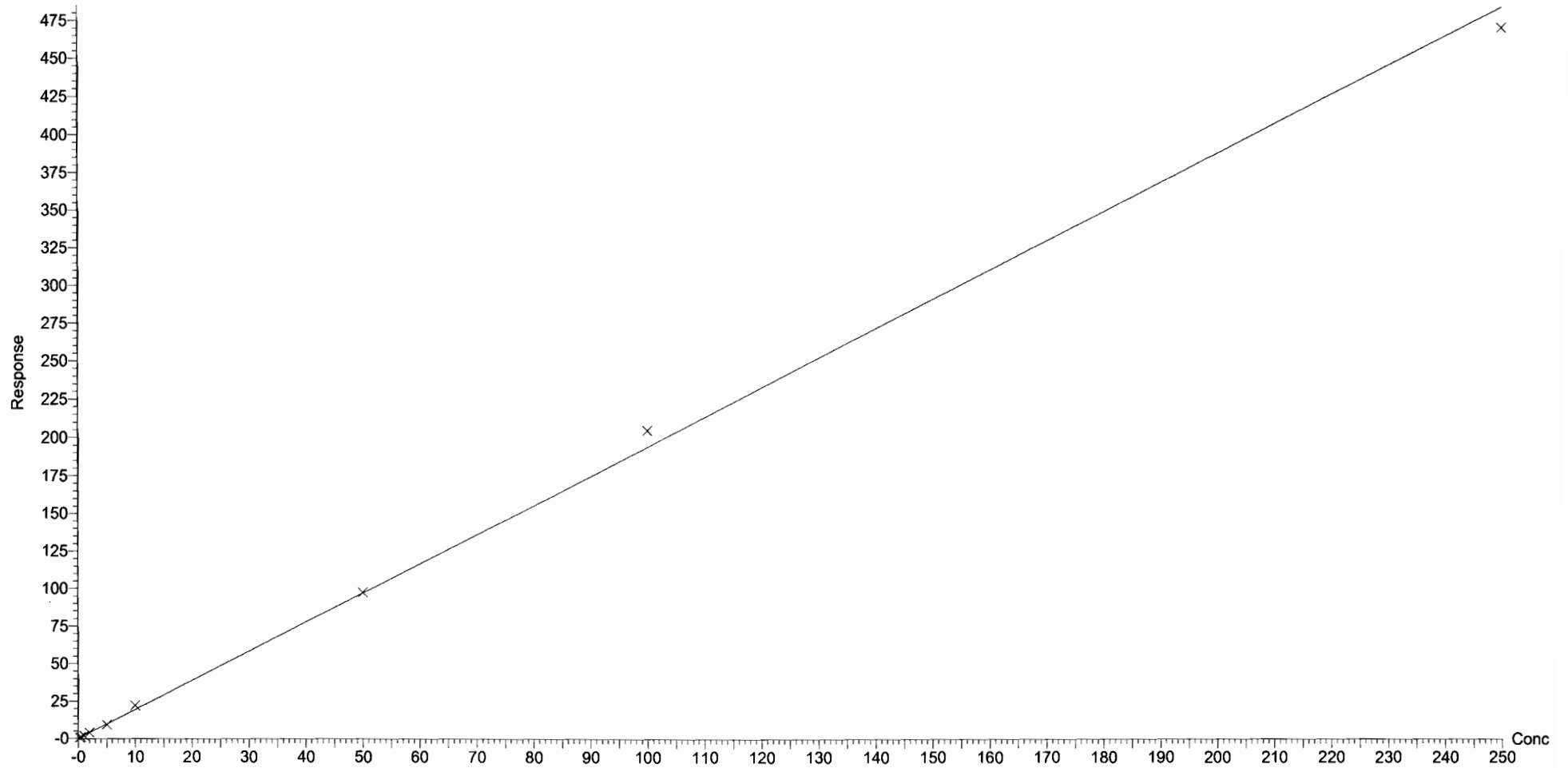
Compound name: PFHxA

Correlation coefficient: $r = 0.999048$, $r^2 = 0.998098$

Calibration curve: $1.9385 * x + -0.0246659$

Response type: Internal Std (Ref 34), Area * (IS Conc. / IS Area)

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



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:27:36 Pacific Standard Time

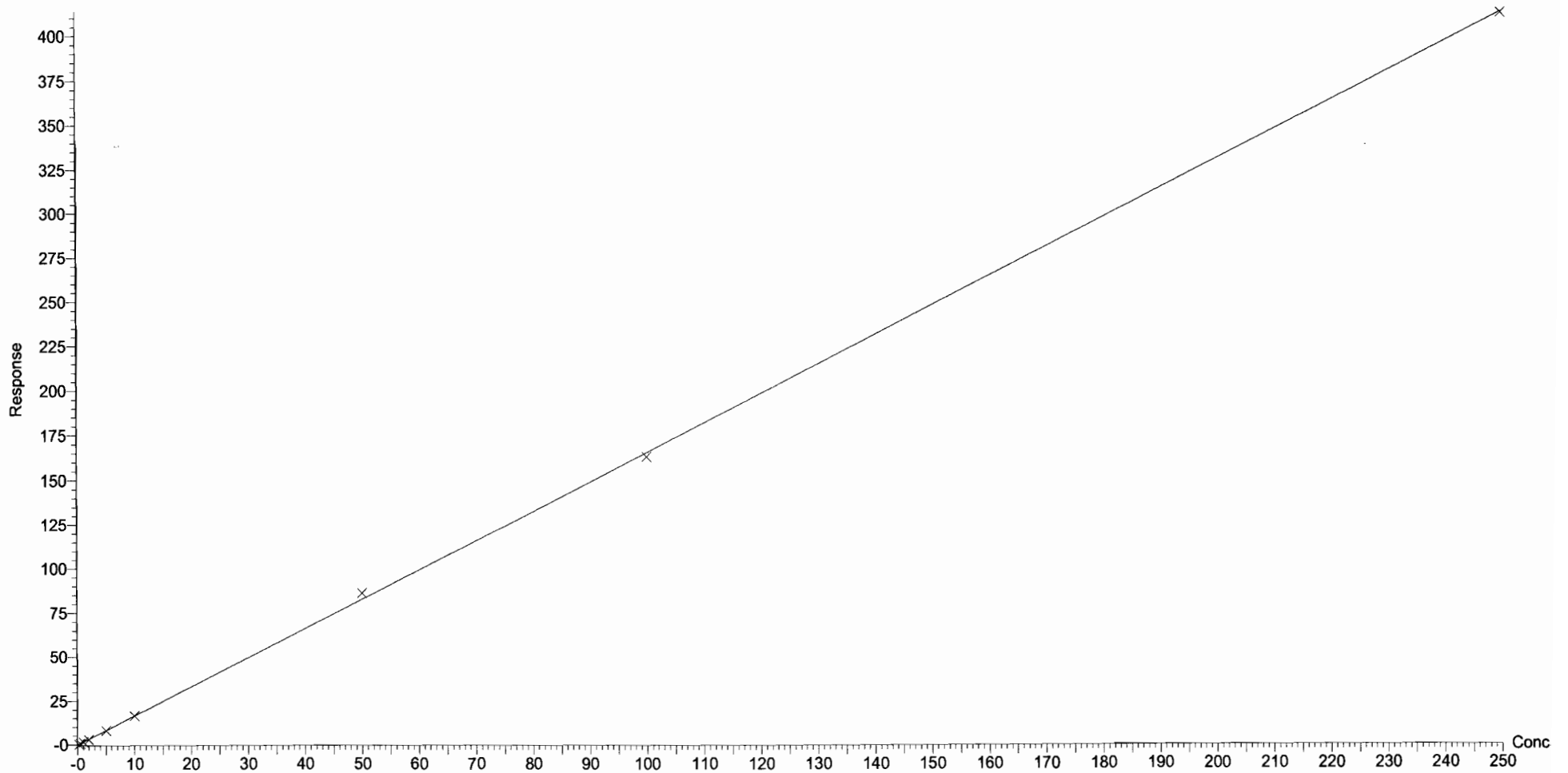
Compound name: PFHpA

Correlation coefficient: $r = 0.999839$, $r^2 = 0.999677$

Calibration curve: $1.65421 * x + -0.120464$

Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)

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



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:27:36 Pacific Standard Time

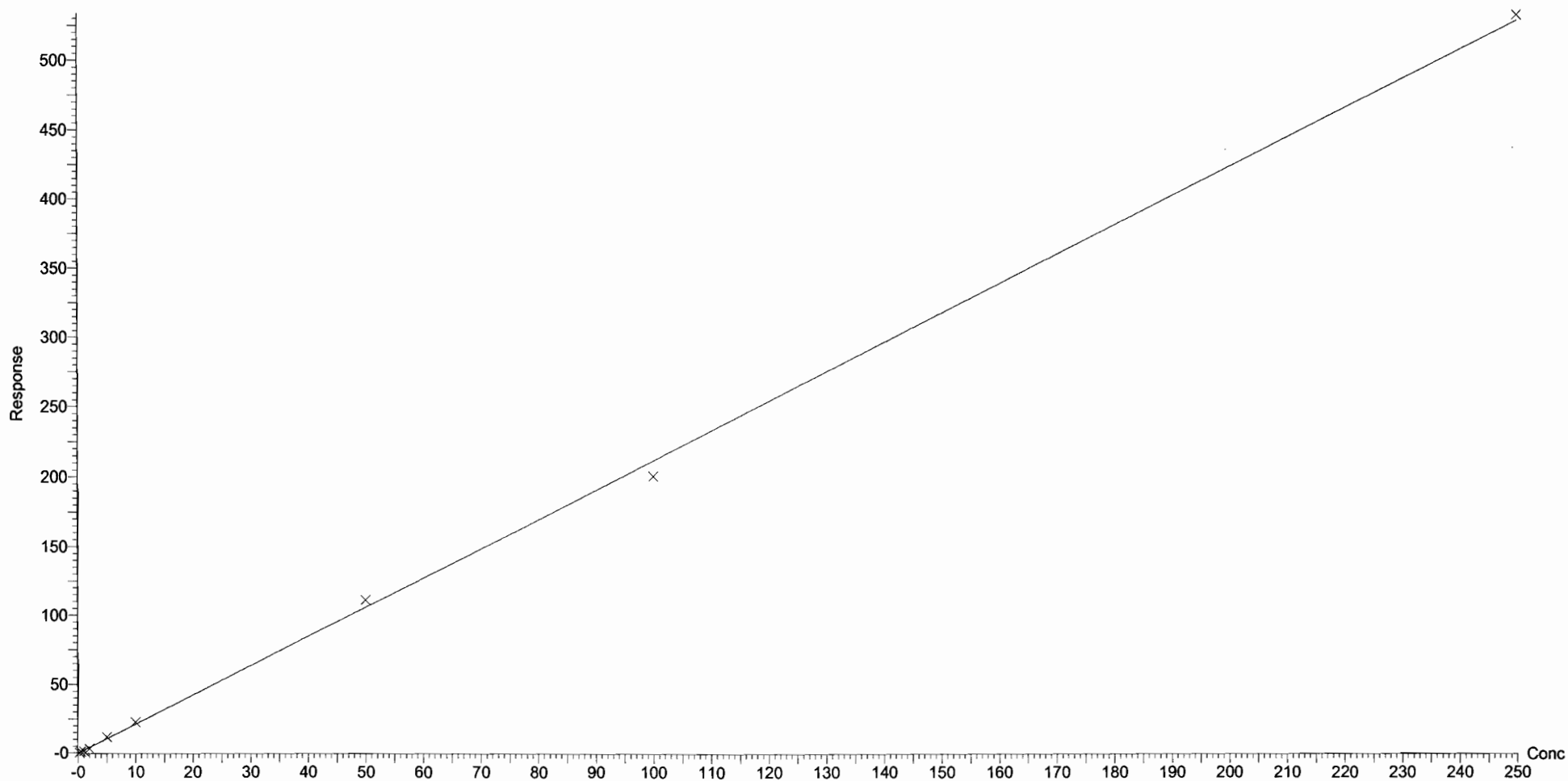
Compound name: L-PFHxS

Correlation coefficient: $r = 0.999101$, $r^2 = 0.998203$

Calibration curve: $2.11856 * x + -0.208942$

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

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



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:27:36 Pacific Standard Time

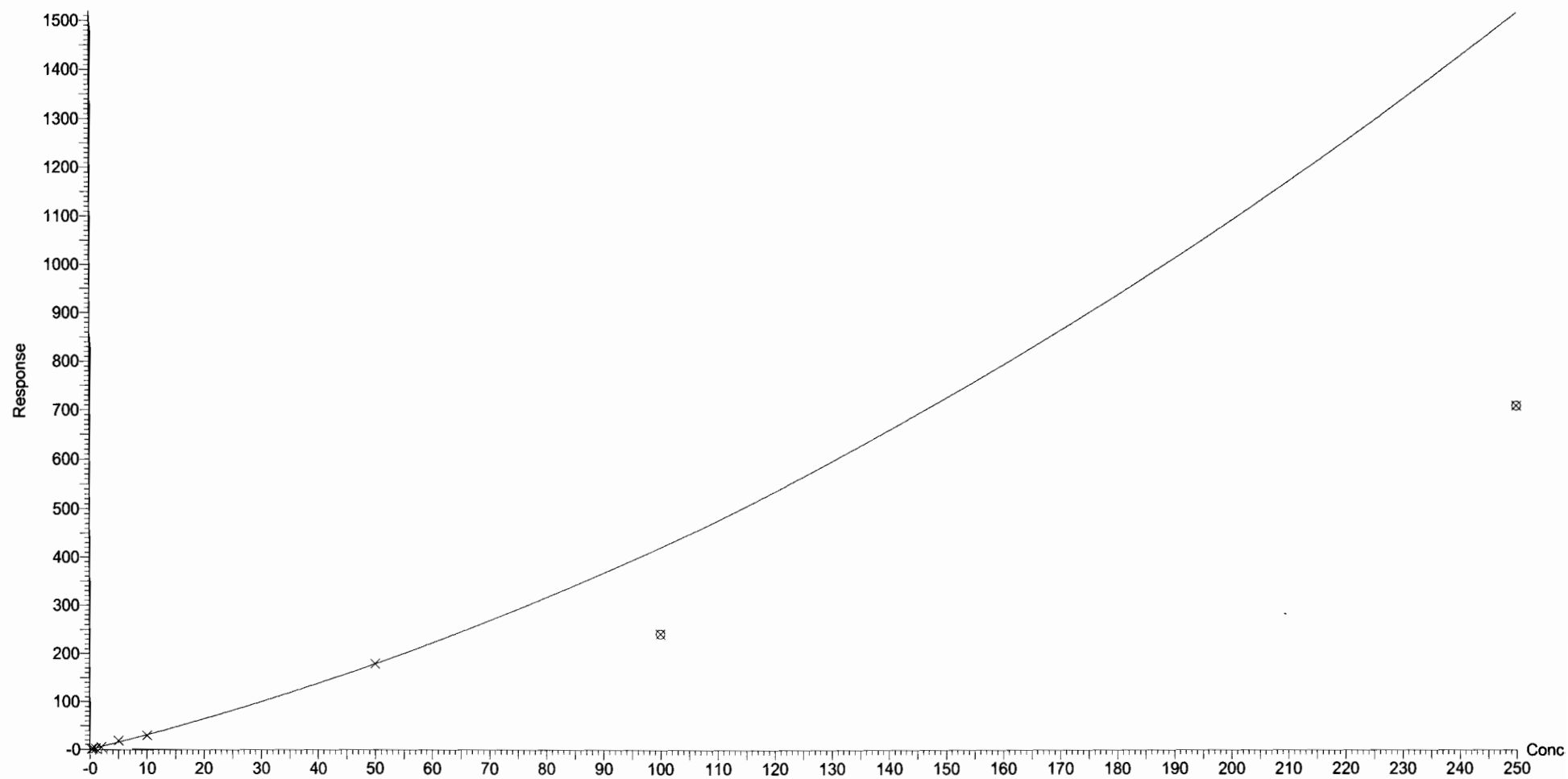
Compound name: 6:2 FTS

Coefficient of Determination: $R^2 = 0.995180$

Calibration curve: $0.0125368 * x^2 + 2.94435 * x + -0.110501$

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

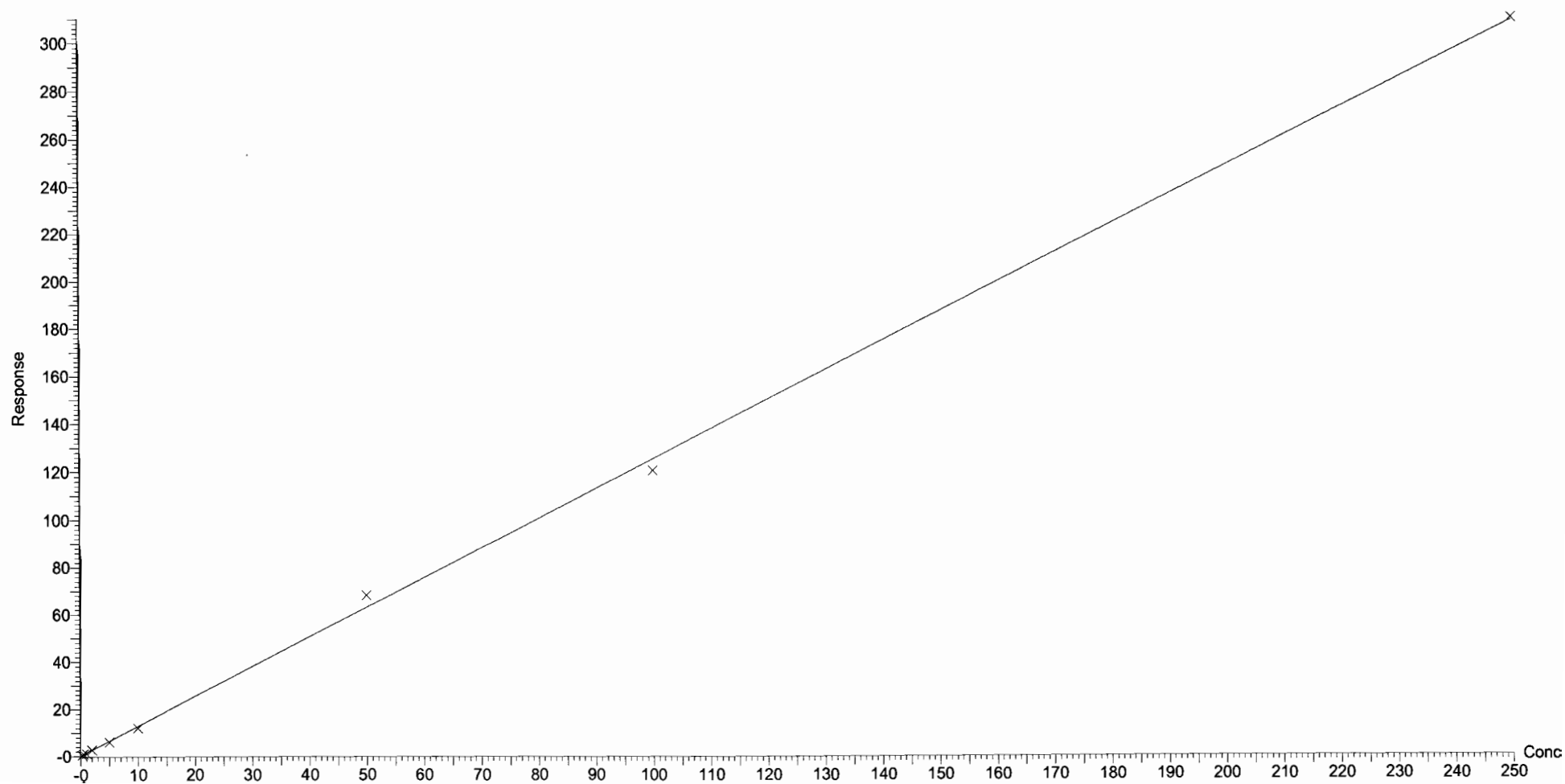
Curve type: 2nd Order, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time
Printed: Thursday, January 11, 2018 14:27:36 Pacific Standard Time

Compound name: L-PFOA
Coefficient of Determination: $R^2 = 0.998464$
Calibration curve: $-9.7055e-005 * x^2 + 1.26022 * x + 0.185633$
Response type: Internal Std (Ref 38), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:27:36 Pacific Standard Time

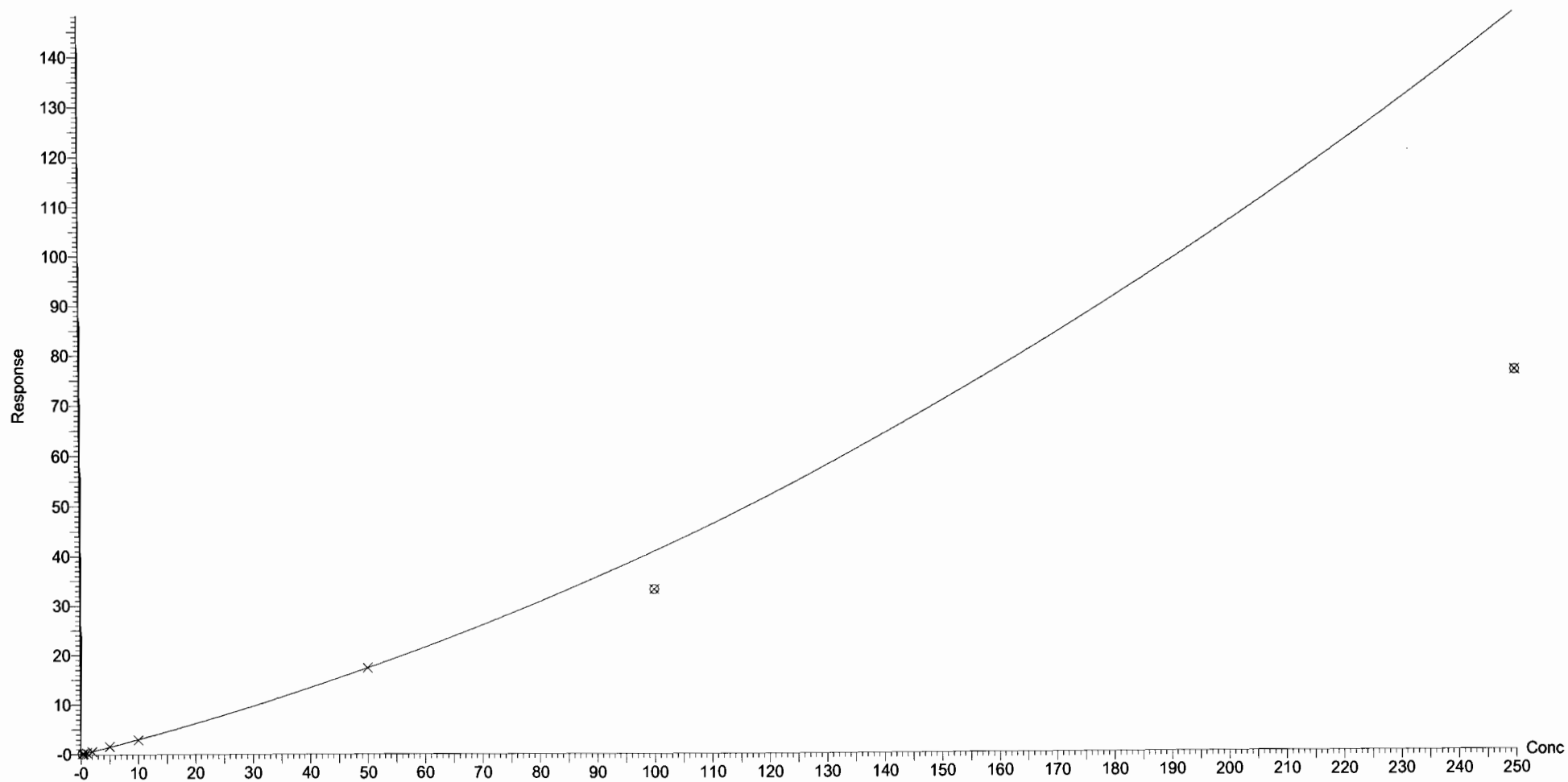
Compound name: PFHpS

Coefficient of Determination: $R^2 = 0.999403$

Calibration curve: $0.00123665 * x^2 + 0.283611 * x + -0.0187761$

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

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



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:27:36 Pacific Standard Time

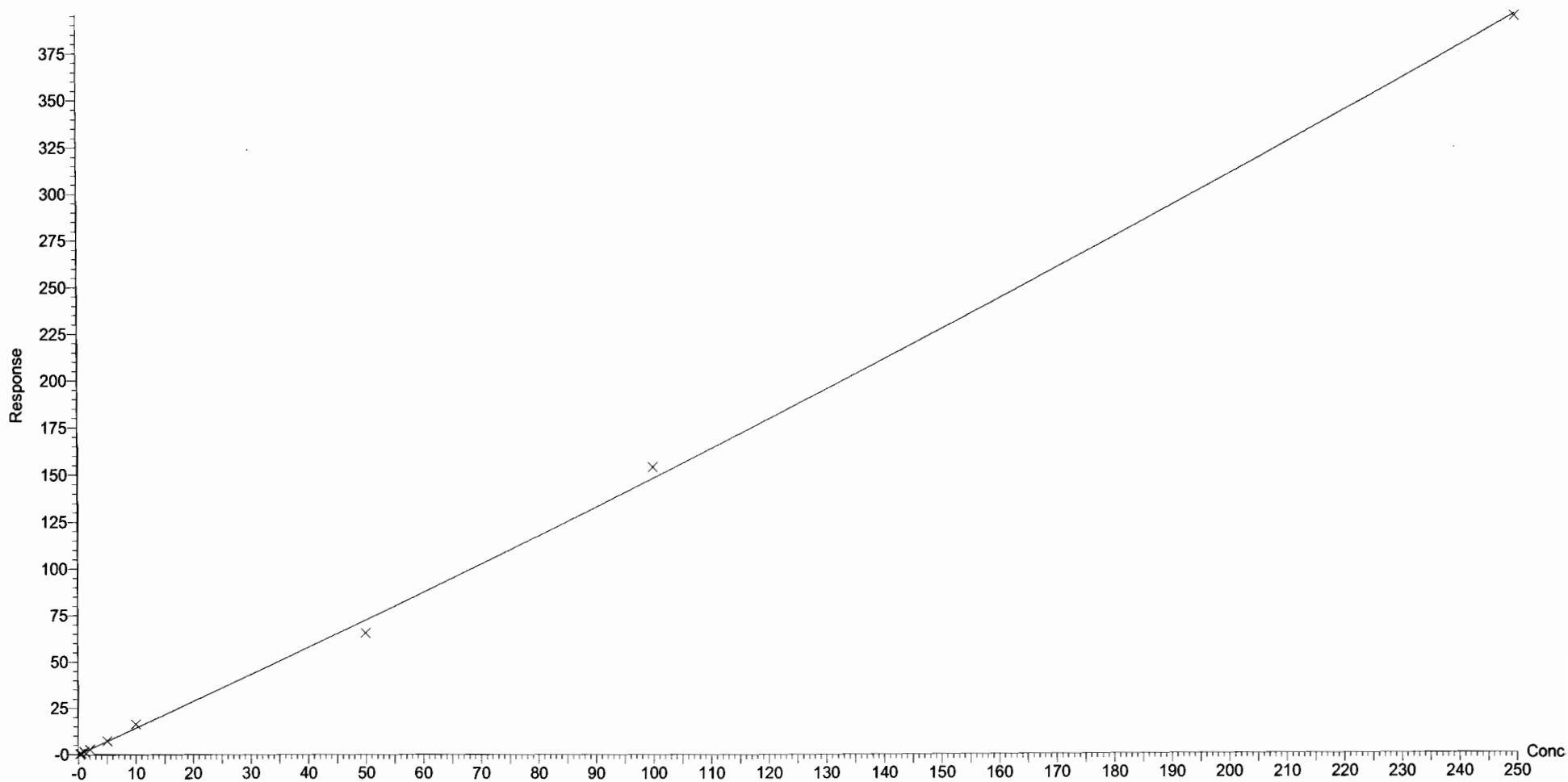
Compound name: PFNA

Coefficient of Determination: $R^2 = 0.998092$

Calibration curve: $0.000693223 * x^2 + 1.40868 * x + 0.0082777$

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

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



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:27:36 Pacific Standard Time

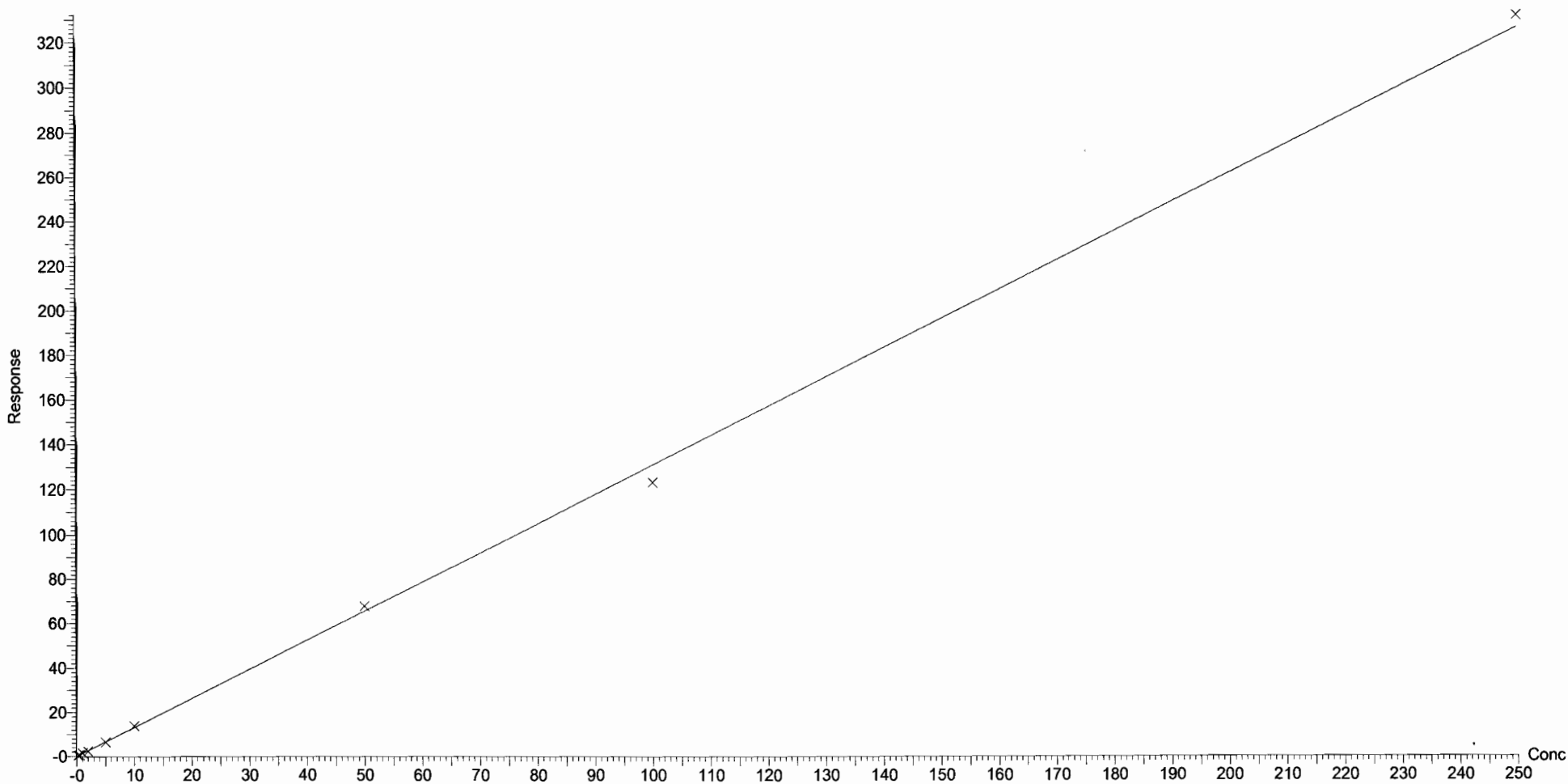
Compound name: PFOSA

Correlation coefficient: $r = 0.999329$, $r^2 = 0.998658$

Calibration curve: $1.30775 * x + 0.0347805$

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

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



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:27:36 Pacific Standard Time

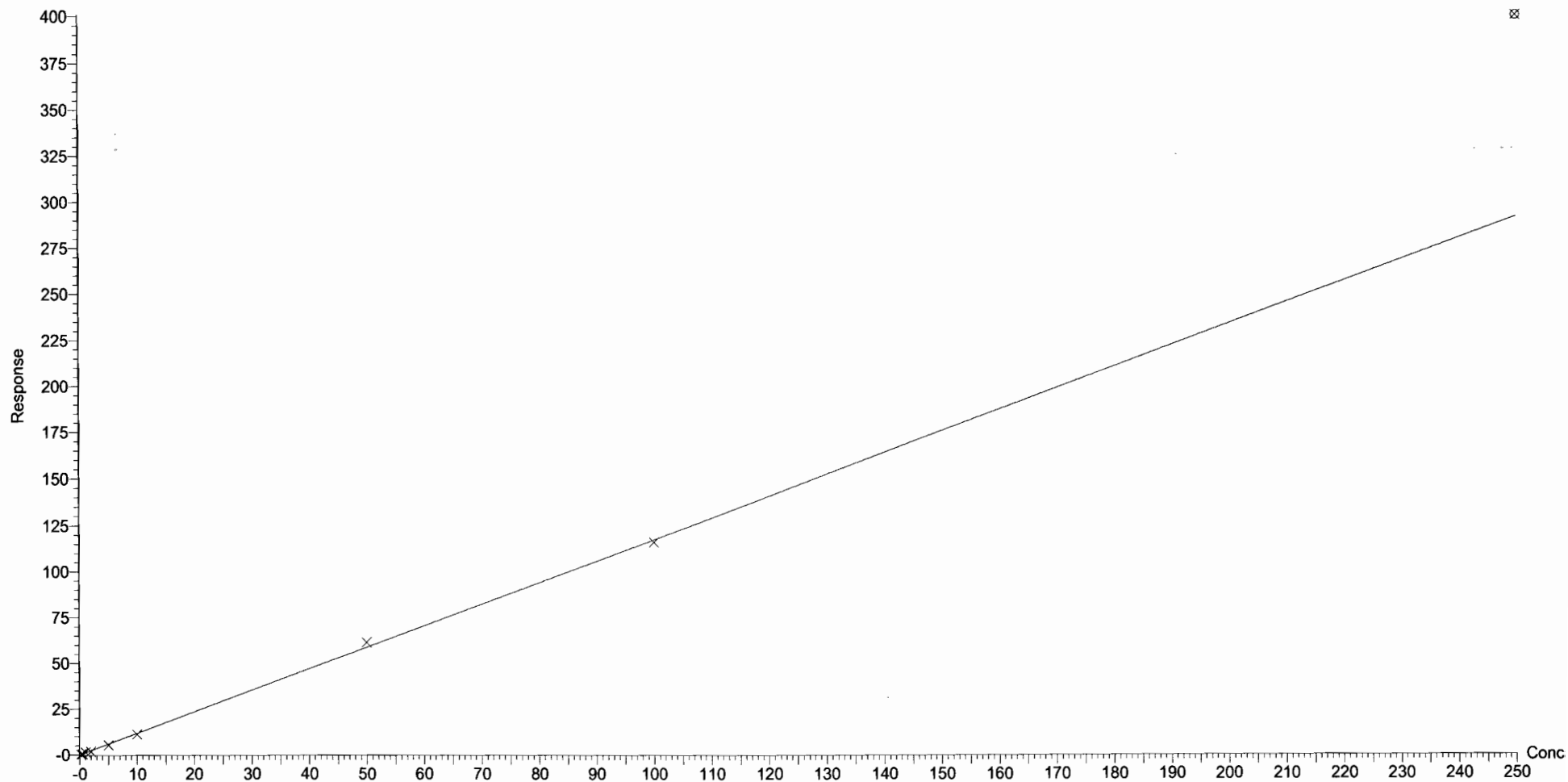
Compound name: L-PFOS

Coefficient of Determination: $R^2 = 0.997444$

Calibration curve: $-3.62431e-005 * x^2 + 1.17583 * x + 0.0311451$

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

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



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:27:36 Pacific Standard Time

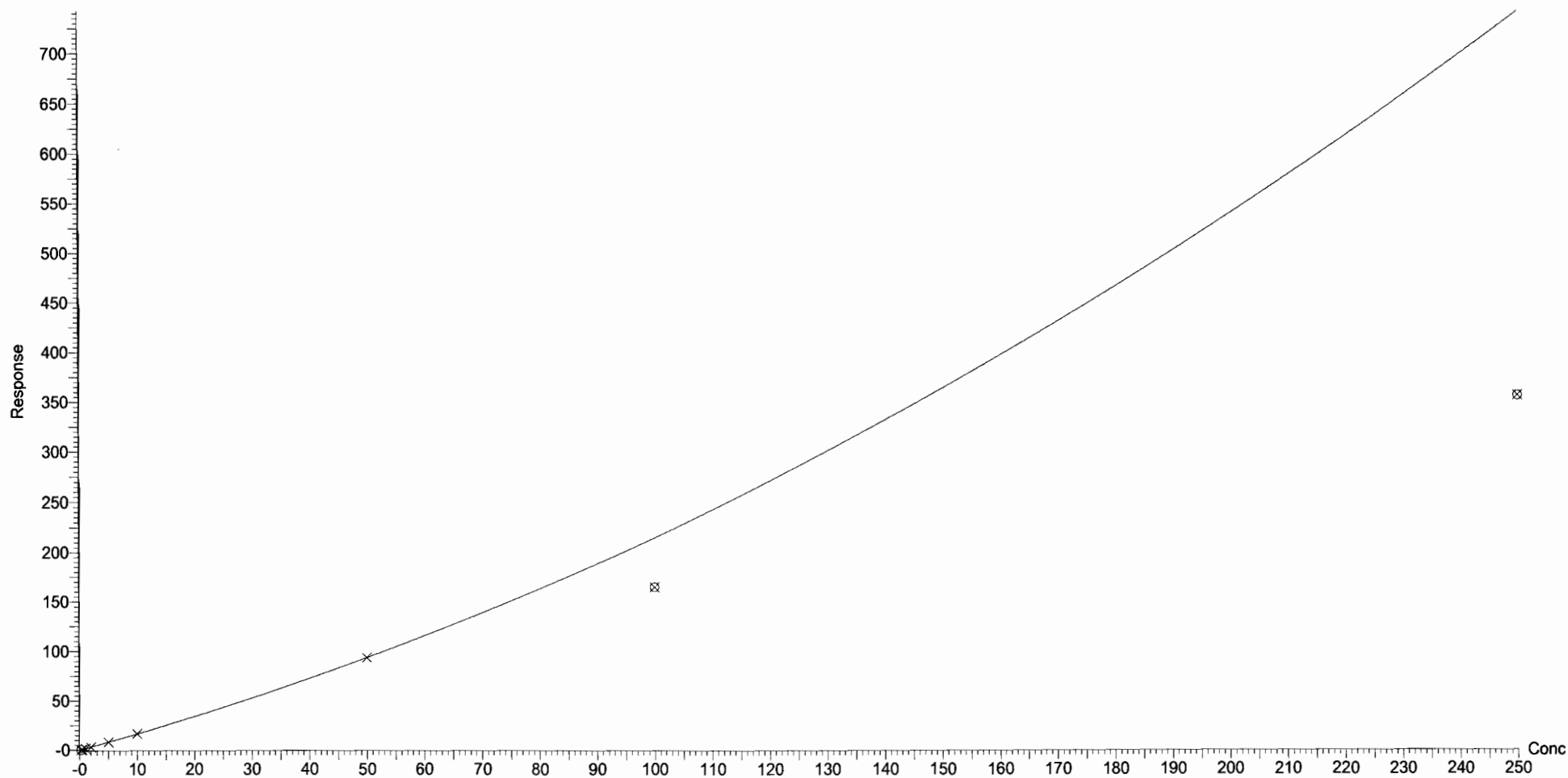
Compound name: PFDA

Coefficient of Determination: $R^2 = 0.999932$

Calibration curve: $0.00546964 * x^2 + 1.60165 * x + -0.235203$

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

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



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:27:36 Pacific Standard Time

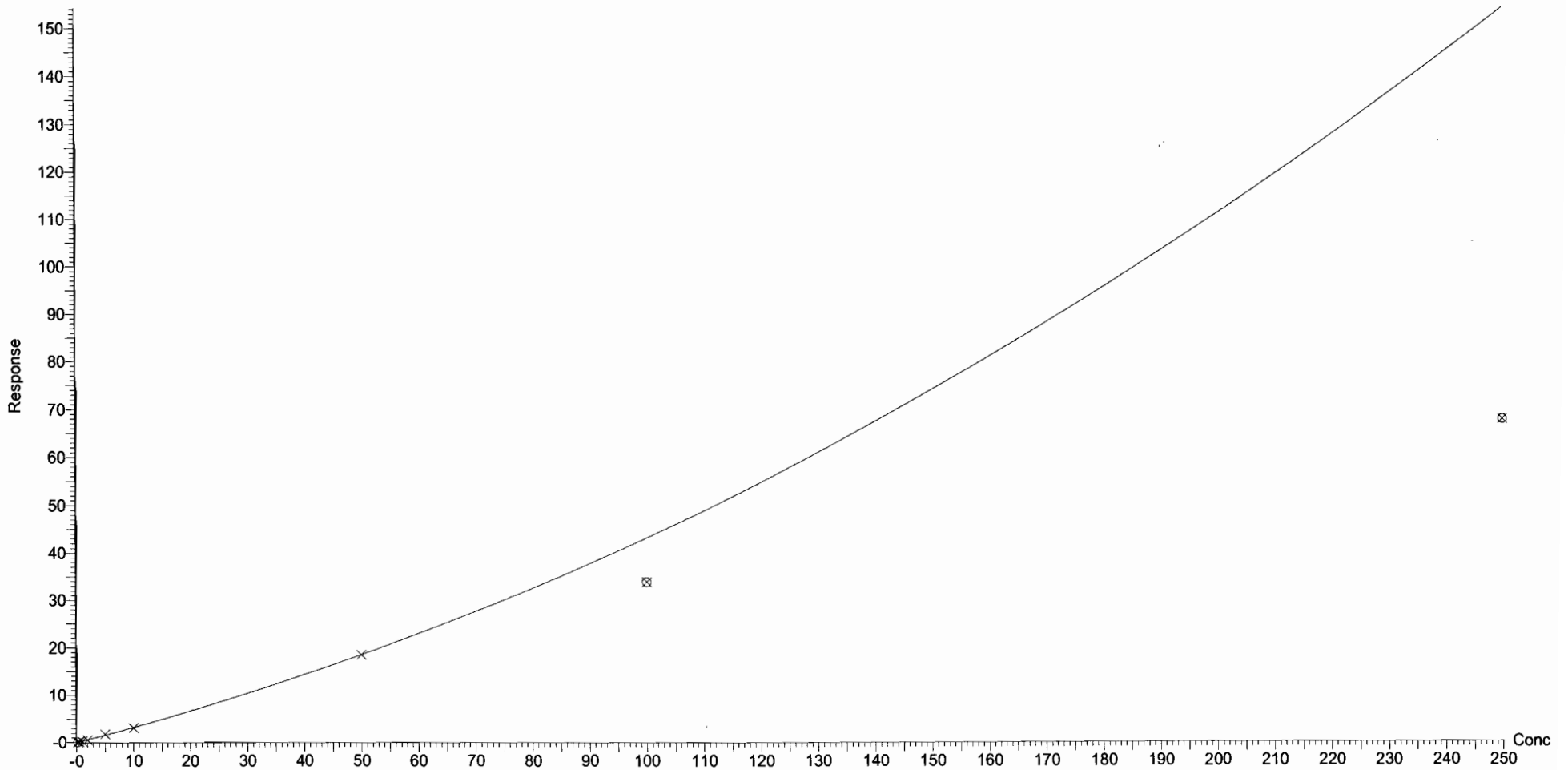
Compound name: 8:2 FTS

Coefficient of Determination: $R^2 = 0.997732$

Calibration curve: $0.00123859 * x^2 + 0.307368 * x + -0.0309813$

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

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



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:27:36 Pacific Standard Time

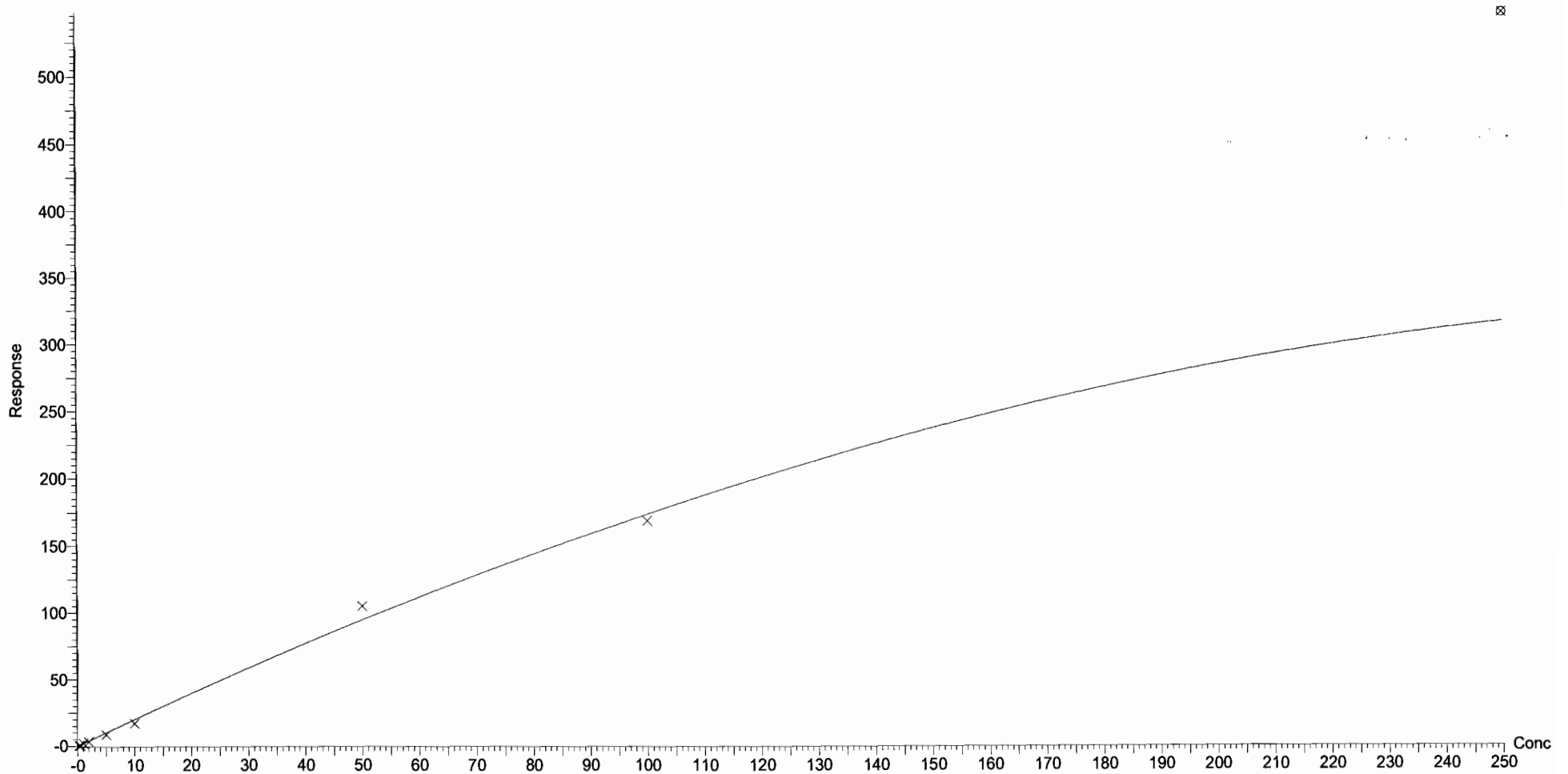
Compound name: N-MeFOSAA

Coefficient of Determination: $R^2 = 0.991446$

Calibration curve: $-0.00315911 * x^2 + 2.0555 * x + -0.320574$

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

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



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:27:36 Pacific Standard Time

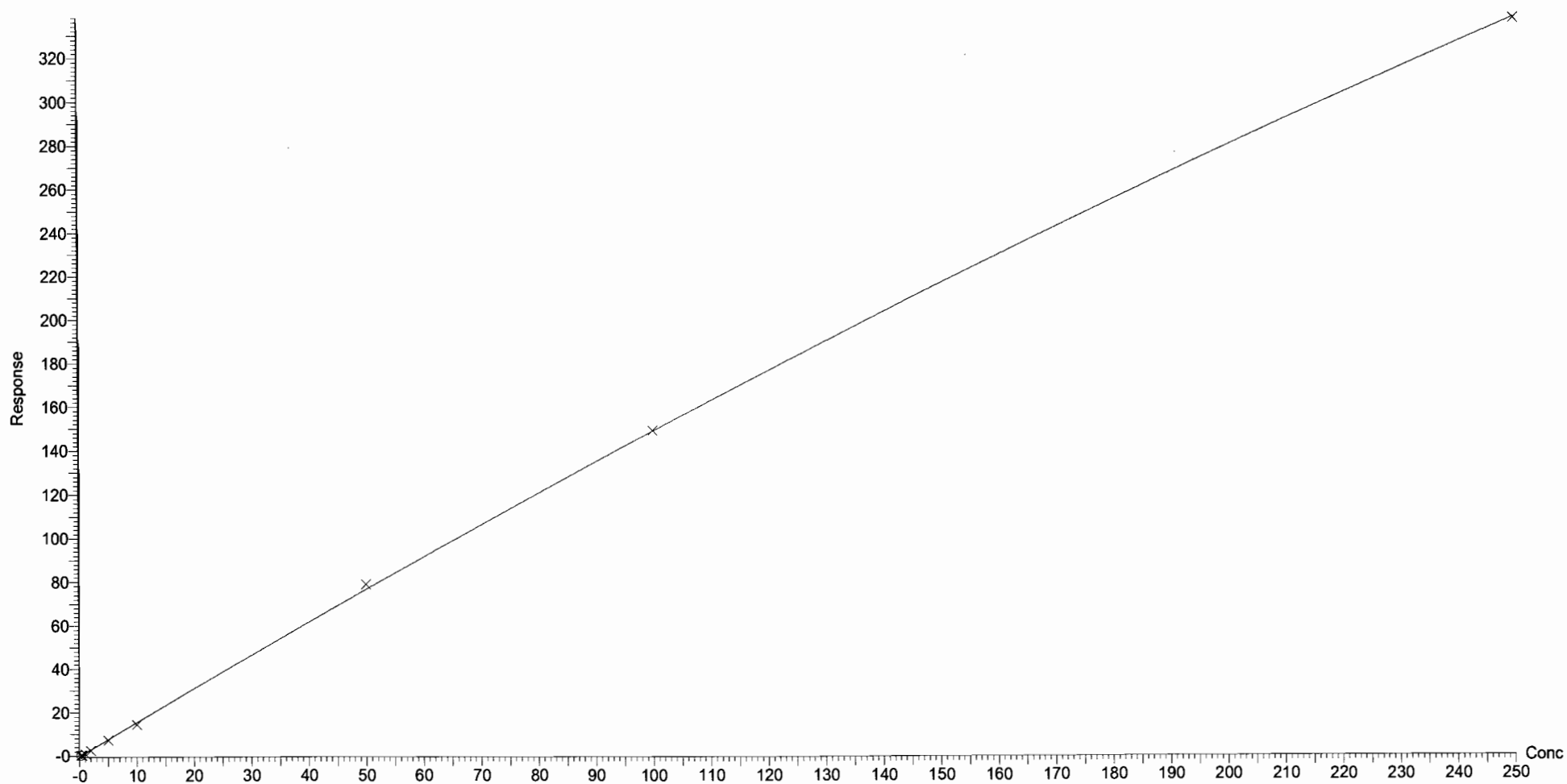
Compound name: N-EtFOSAA

Coefficient of Determination: $R^2 = 0.999097$

Calibration curve: $-0.000915461 * x^2 + 1.58258 * x + -0.401153$

Response type: Internal Std (Ref 45), Area * (IS Conc. / IS Area)

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



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:27:36 Pacific Standard Time

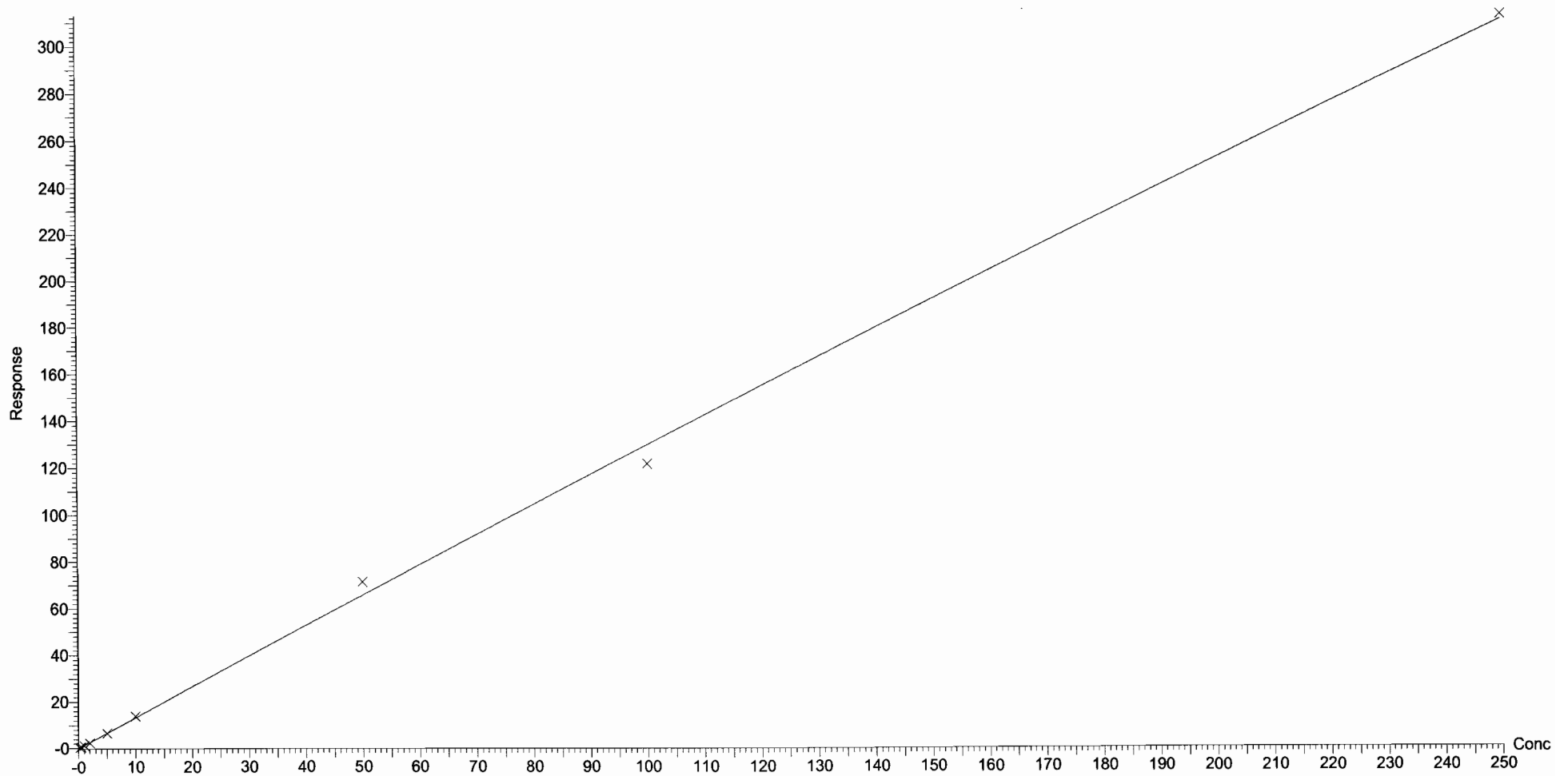
Compound name: PFUdA

Coefficient of Determination: $R^2 = 0.997858$

Calibration curve: $-0.000355567 * x^2 + 1.33241 * x + -0.0949136$

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

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



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:27:36 Pacific Standard Time

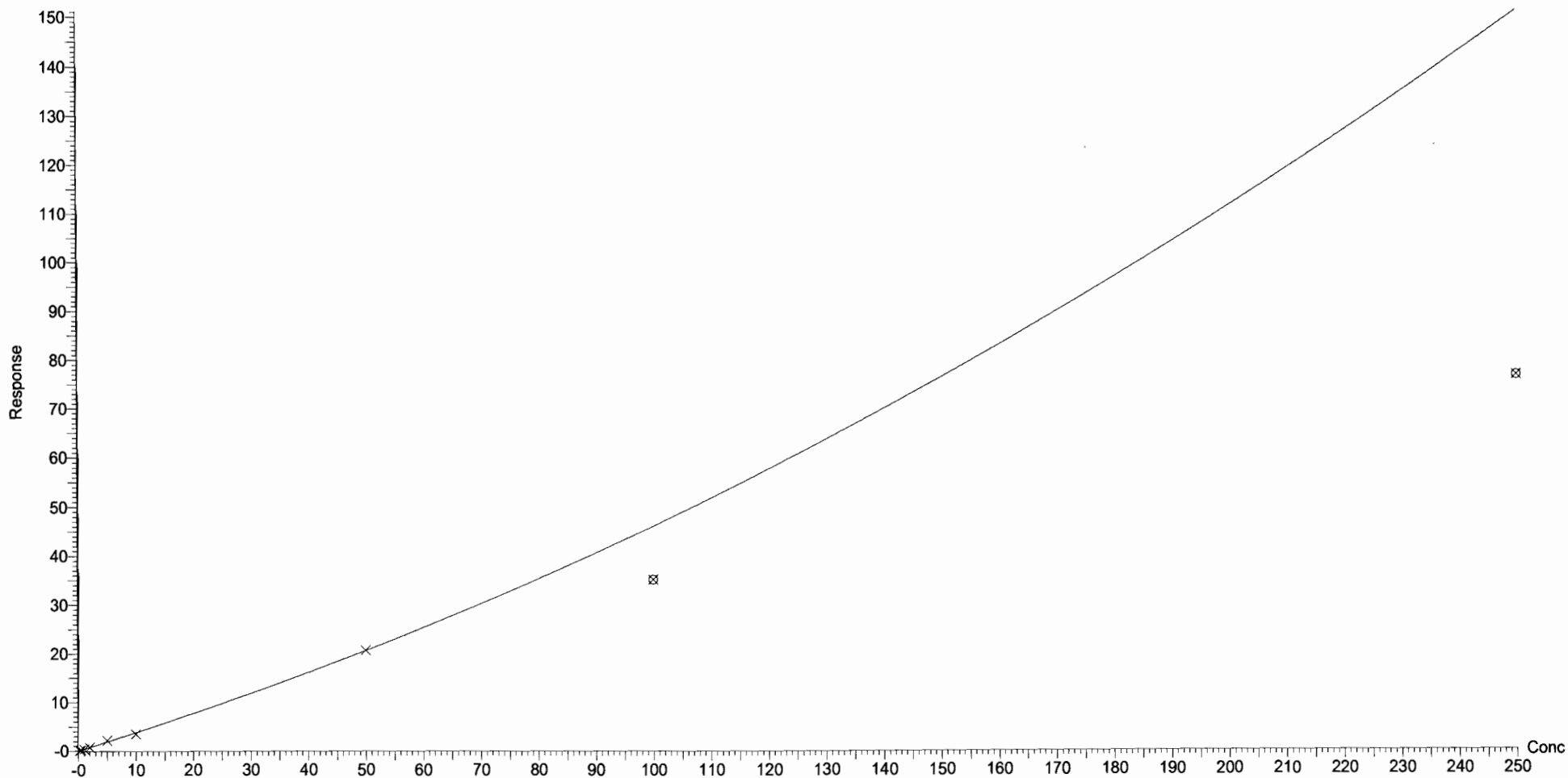
Compound name: PFDS

Coefficient of Determination: $R^2 = 0.997344$

Calibration curve: $0.000962848 * x^2 + 0.363602 * x + -0.00209133$

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

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



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:27:36 Pacific Standard Time

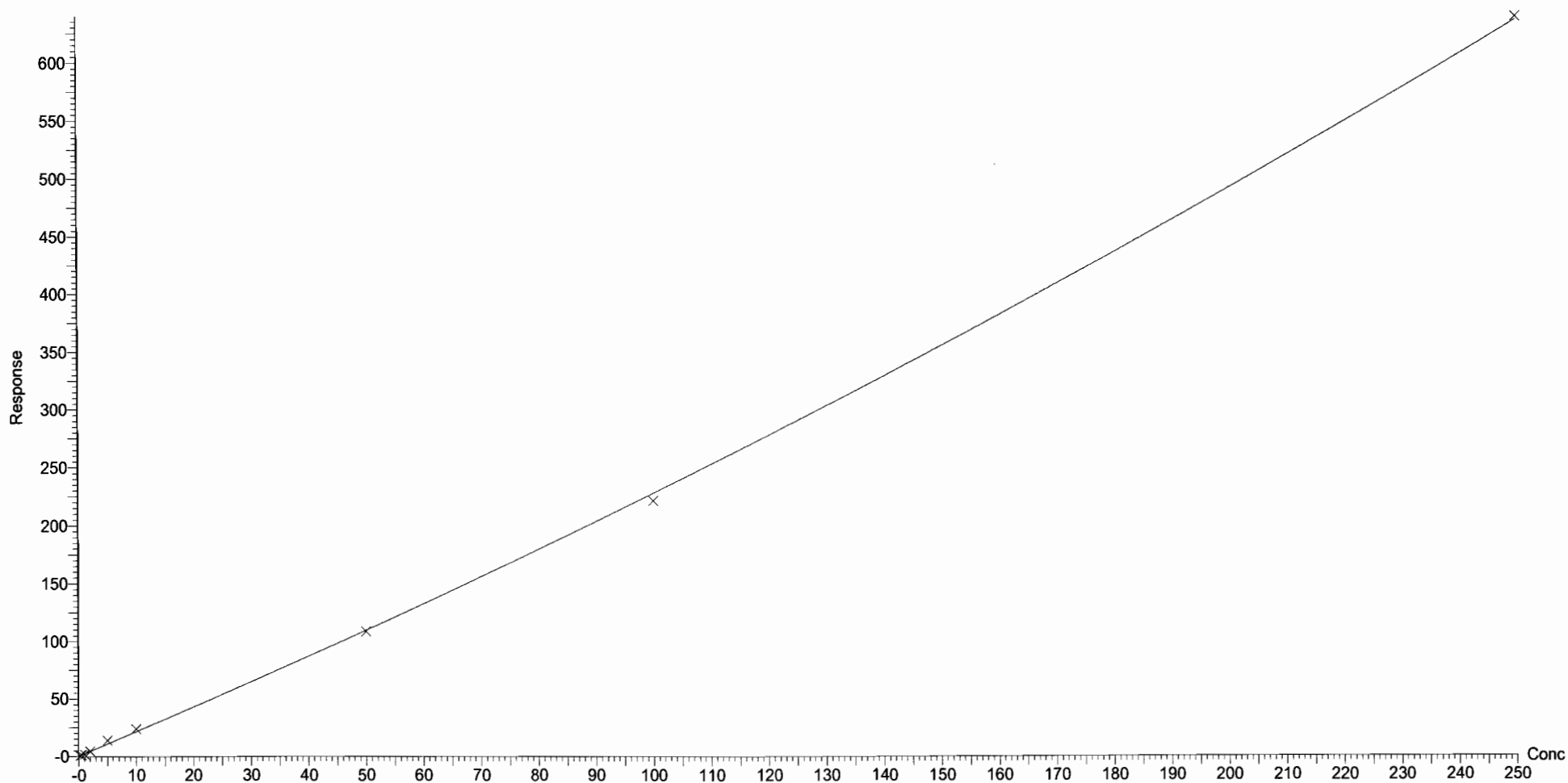
Compound name: PFDaA

Coefficient of Determination: $R^2 = 0.998683$

Calibration curve: $0.00180407 * x^2 + 2.09493 * x + 0.150658$

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

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



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:27:36 Pacific Standard Time

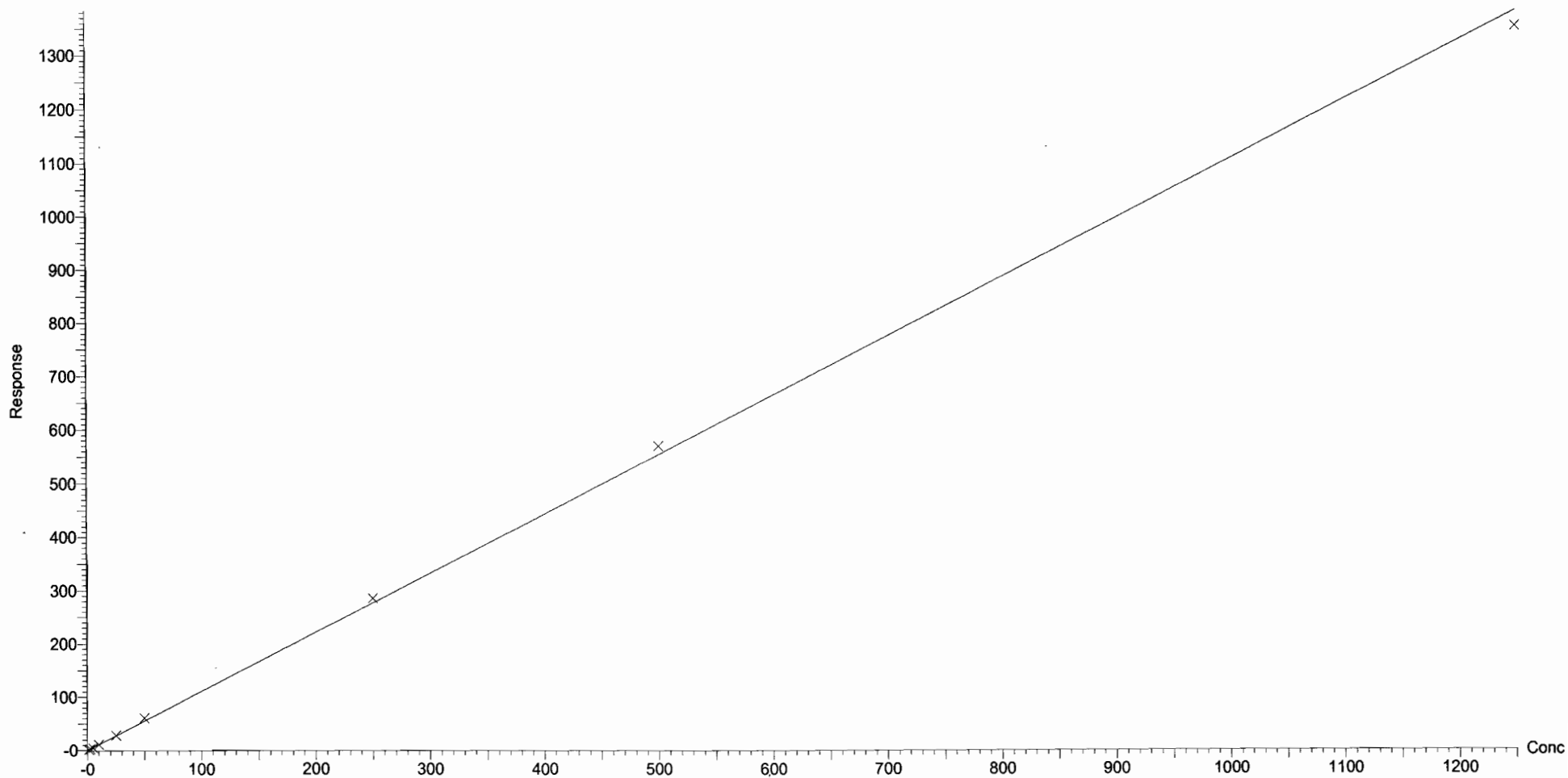
Compound name: N-MeFOSA

Correlation coefficient: $r = 0.999537$, $r^2 = 0.999075$

Calibration curve: $1.10666 * x + -0.170034$

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

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



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:27:36 Pacific Standard Time

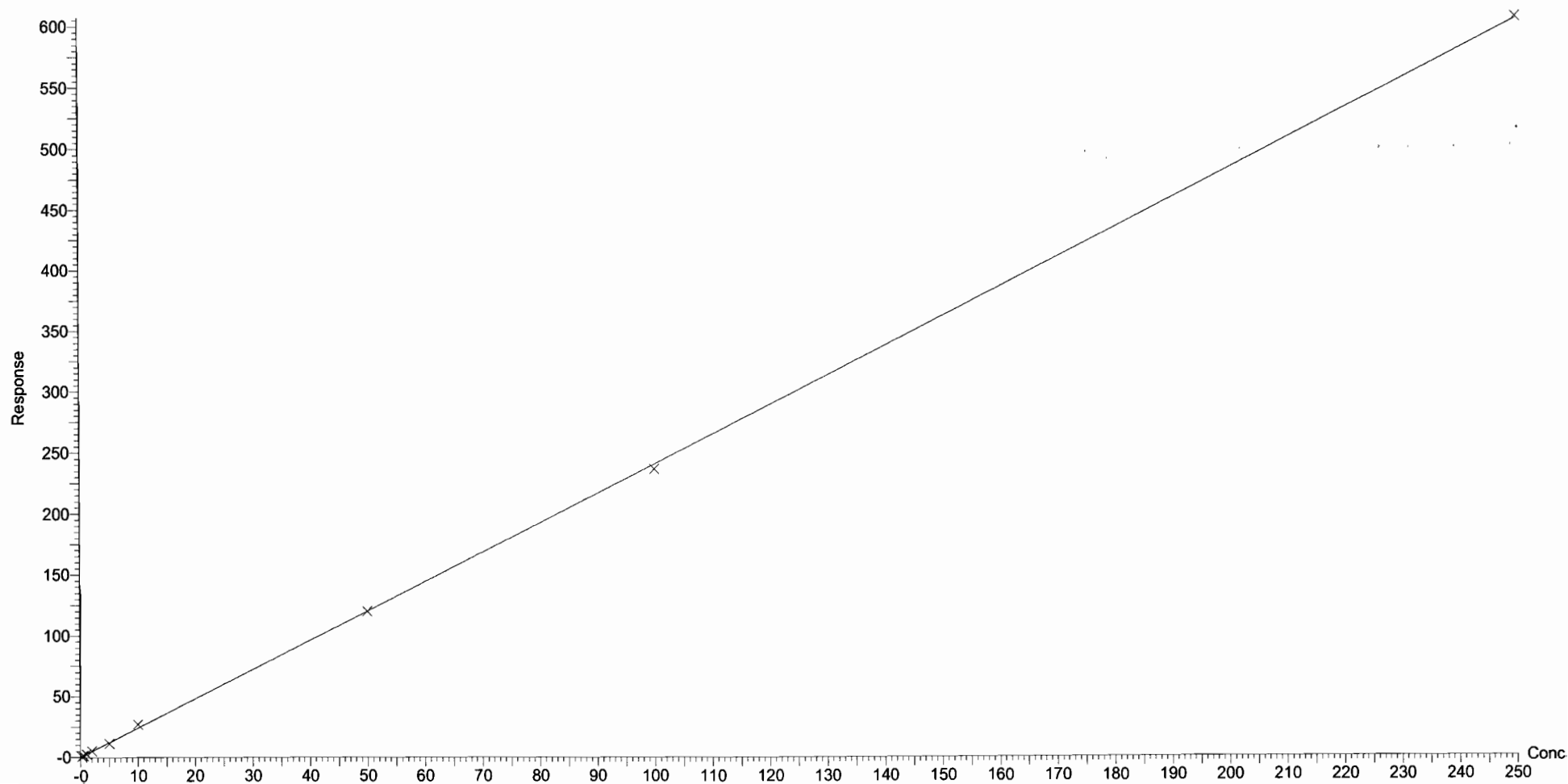
Compound name: PFTTrDA

Coefficient of Determination: $R^2 = 0.999460$

Calibration curve: $0.000122781 * x^2 + 2.39065 * x + 0.000840038$

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

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



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:27:36 Pacific Standard Time

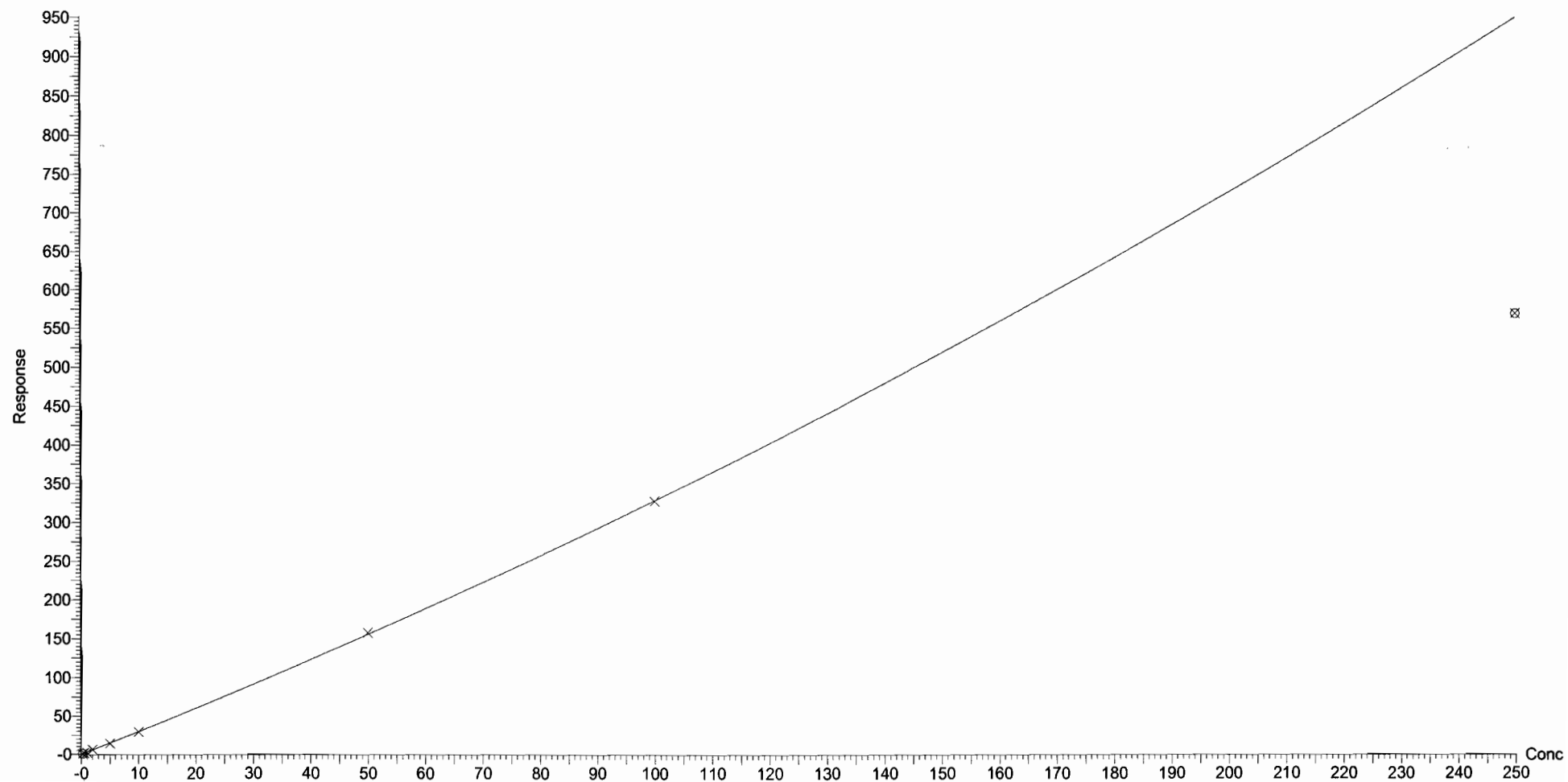
Compound name: PFTeDA

Coefficient of Determination: $R^2 = 0.999533$

Calibration curve: $0.00349062 * x^2 + 2.93229 * x - 0.154941$

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

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



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:27:36 Pacific Standard Time

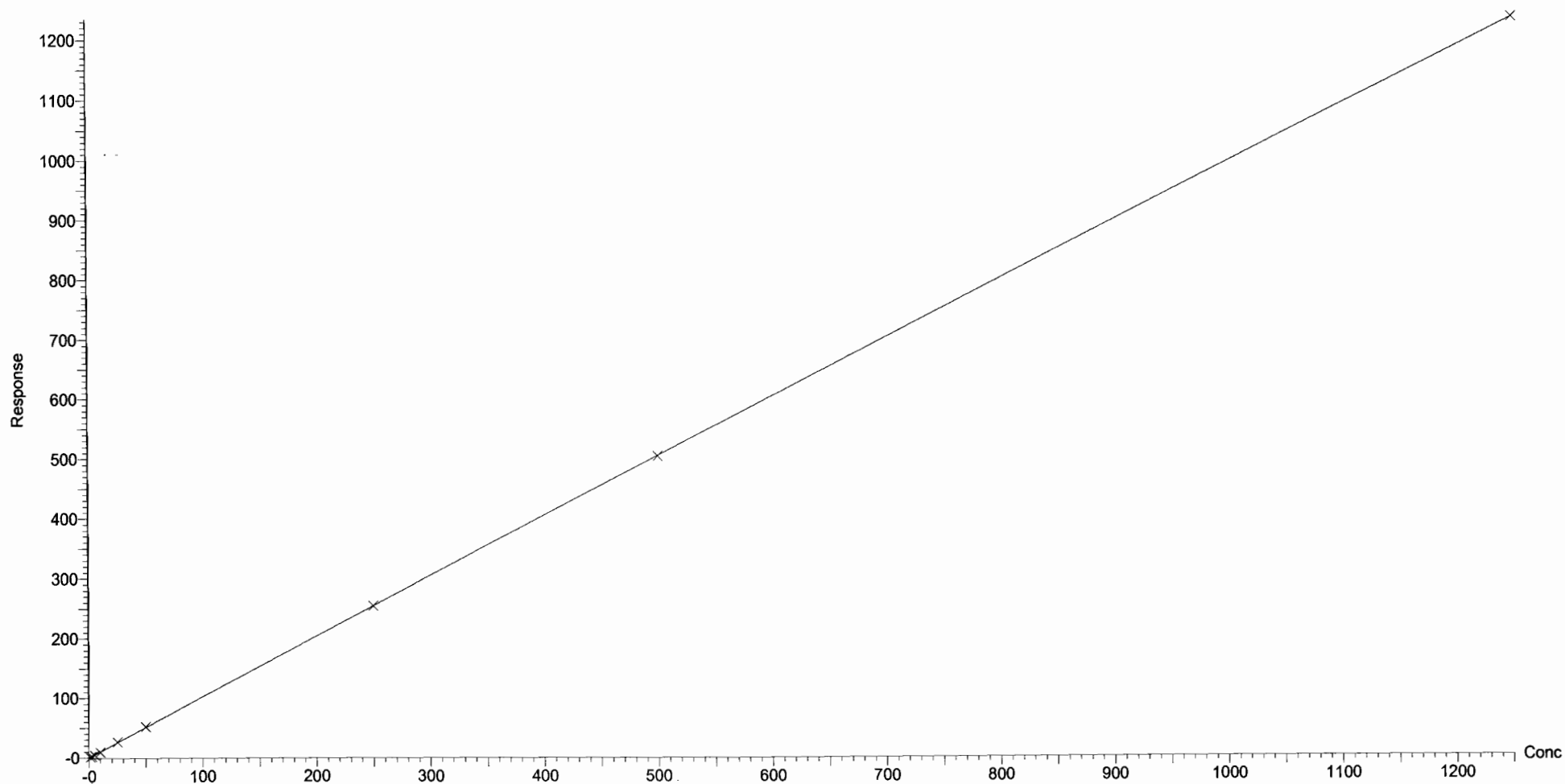
Compound name: N-EtFOSA

Coefficient of Determination: $R^2 = 0.999897$

Calibration curve: $-3.00904e-005 * x^2 + 1.02444 * x + -0.199244$

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

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



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:27:36 Pacific Standard Time

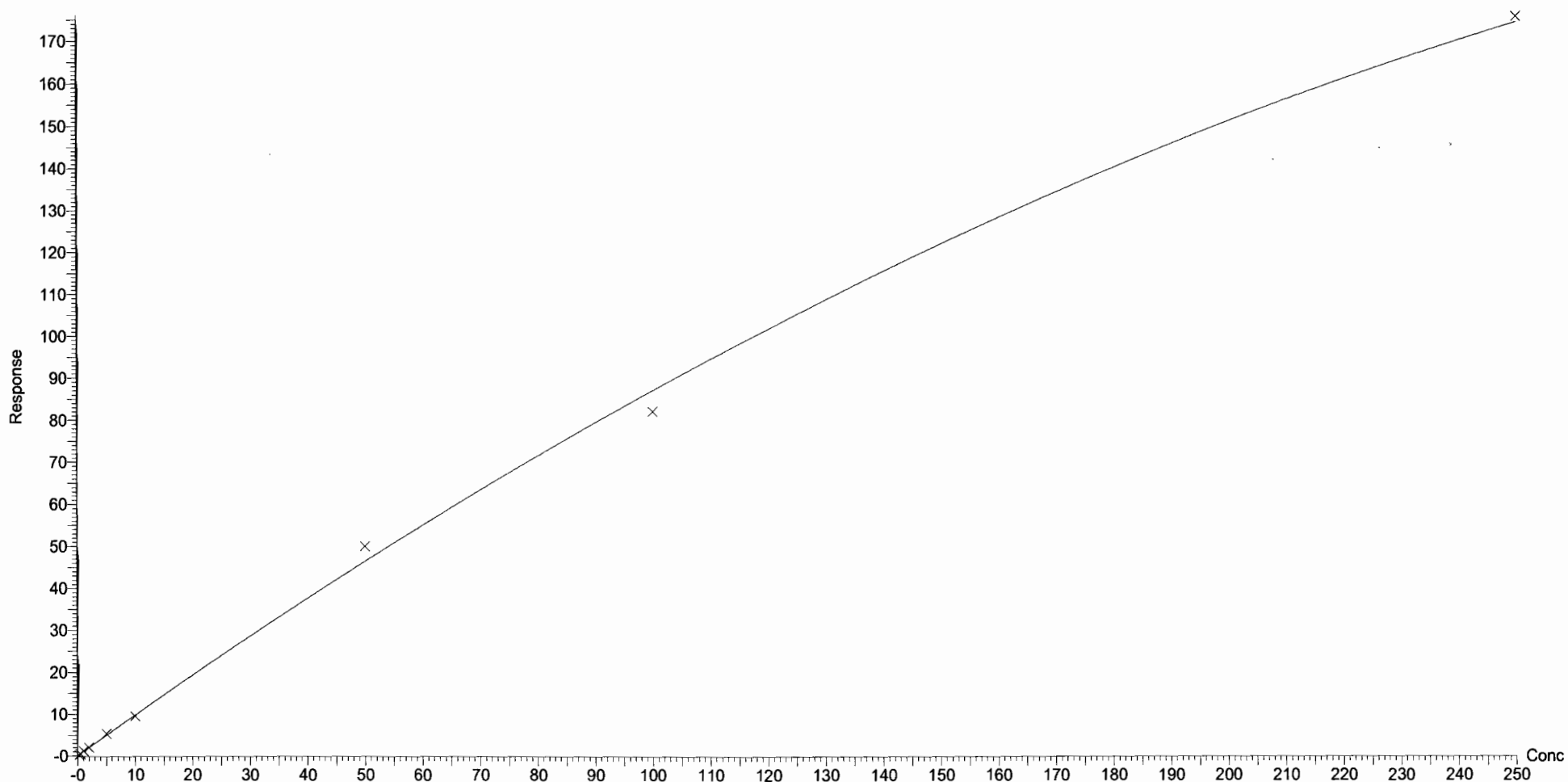
Compound name: PFHxDA

Coefficient of Determination: $R^2 = 0.997686$

Calibration curve: $-0.00114258 * x^2 + 0.984182 * x + 0.0683094$

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

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



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:27:36 Pacific Standard Time

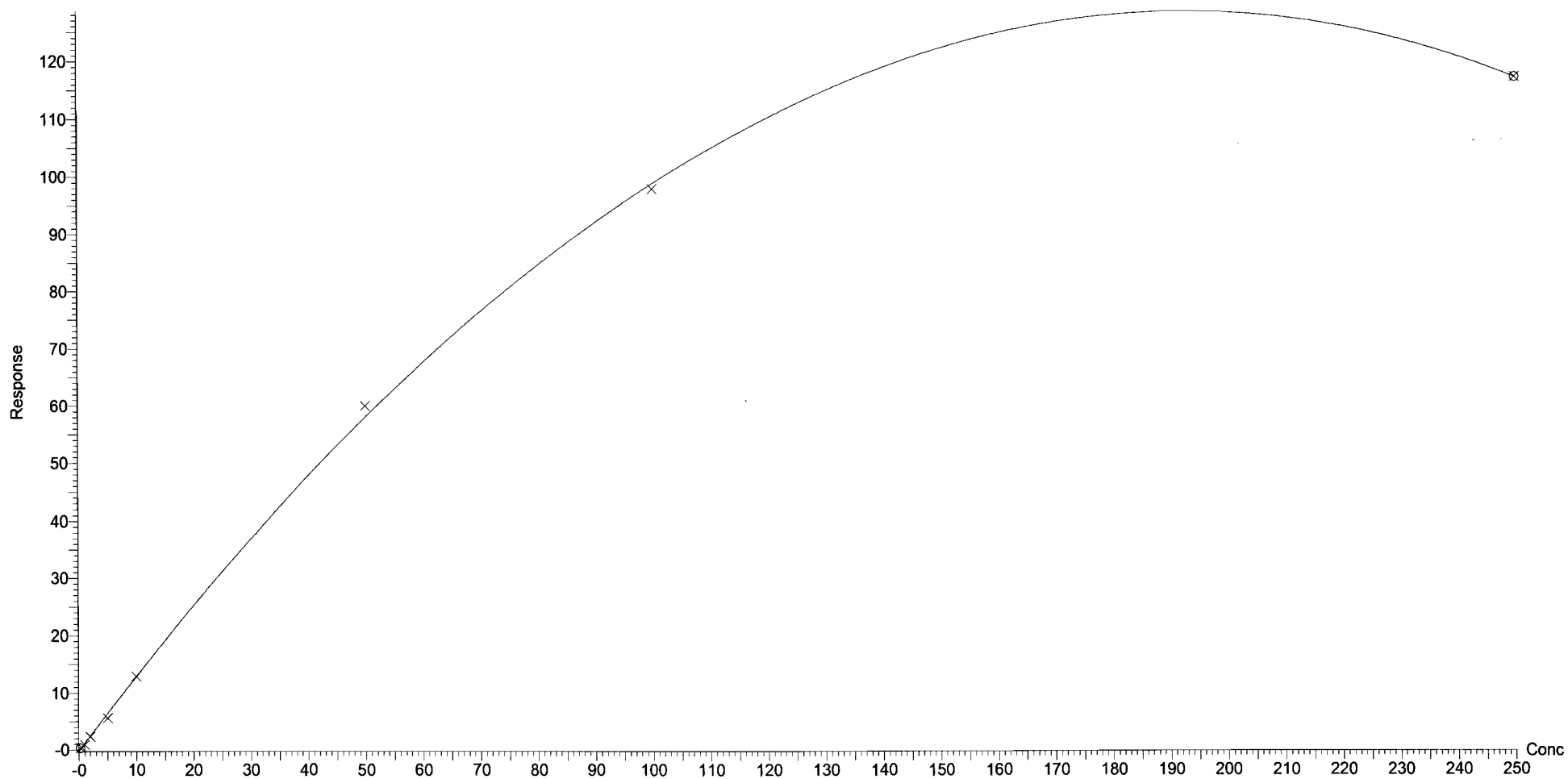
Compound name: PFODA

Coefficient of Determination: $R^2 = 0.997999$

Calibration curve: $-0.00347318 * x^2 + 1.33796 * x - 0.219409$

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

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



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:27:36 Pacific Standard Time

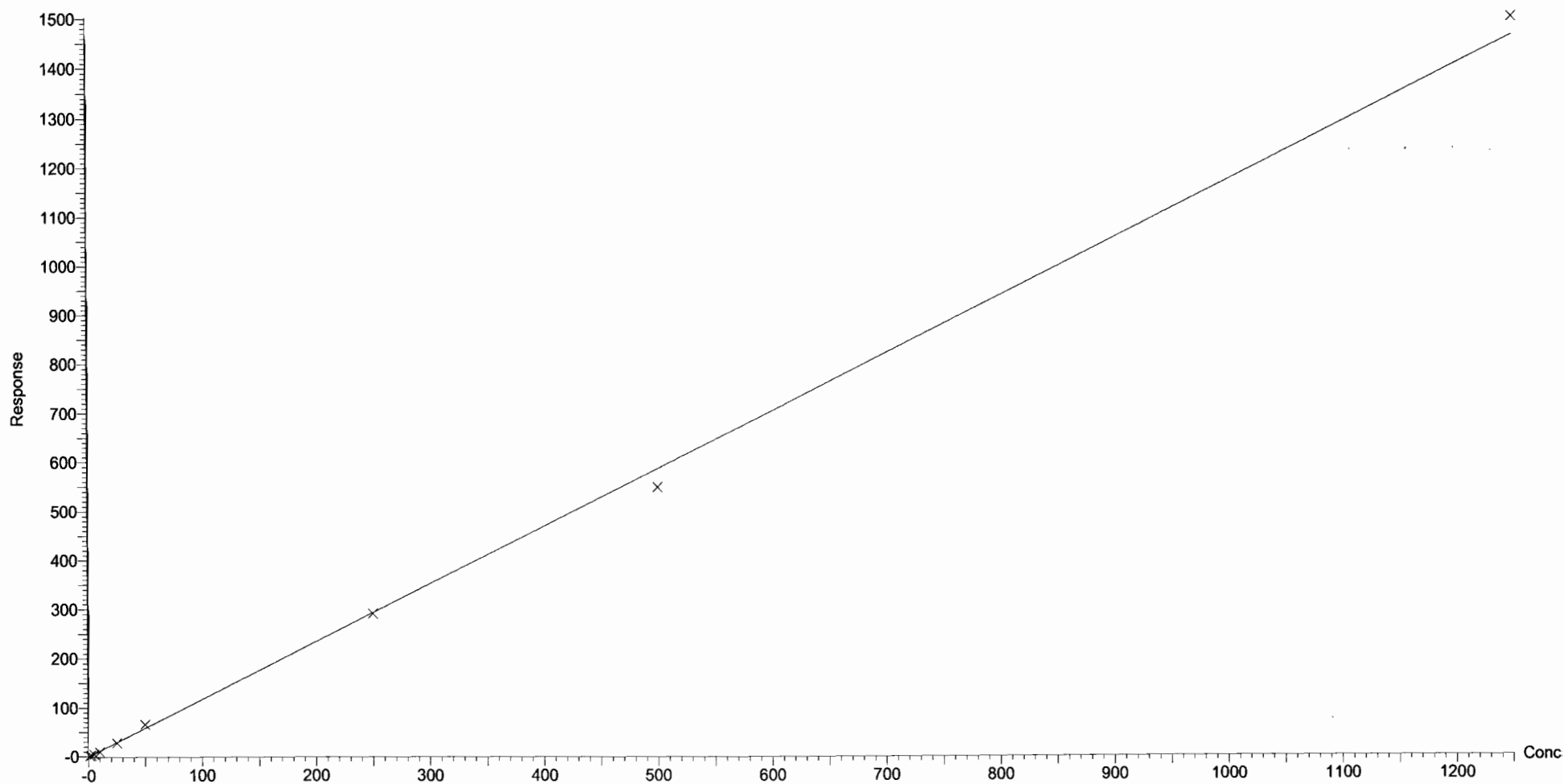
Compound name: N-MeFOSE

Correlation coefficient: $r = 0.998982$, $r^2 = 0.997965$

Calibration curve: $1.173 * x + -0.745383$

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

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



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:27:36 Pacific Standard Time

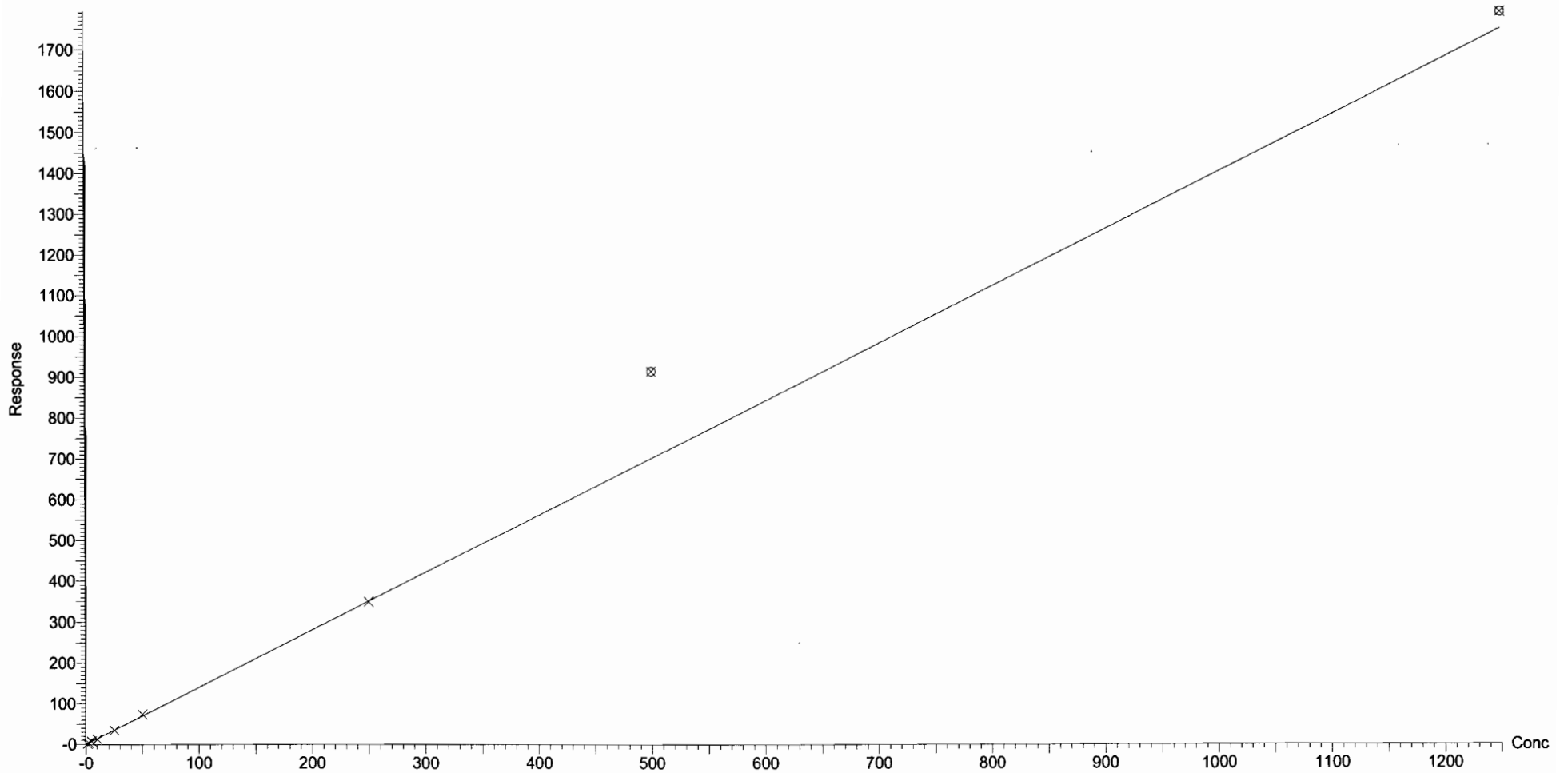
Compound name: N-EtFOSE

Correlation coefficient: $r = 0.999540$, $r^2 = 0.999080$

Calibration curve: $1.40177 * x + -0.207477$

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

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



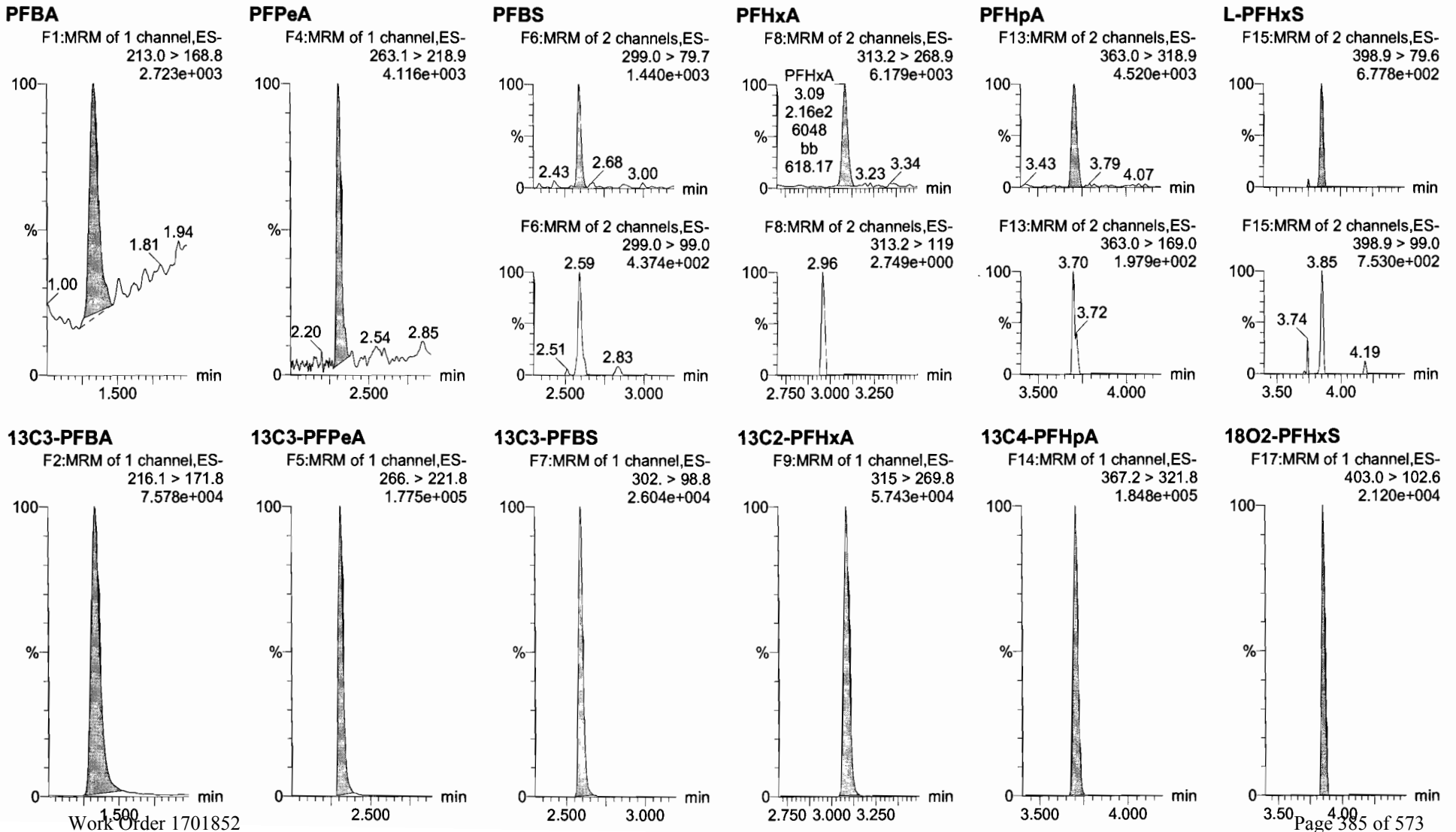
Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time
Printed: Thursday, January 11, 2018 14:28:58 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_010818.mdb 09 Jan 2018 10:39:49

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_01-10-18-FULL-M3.cdb 11 Jan 2018 14:26:30

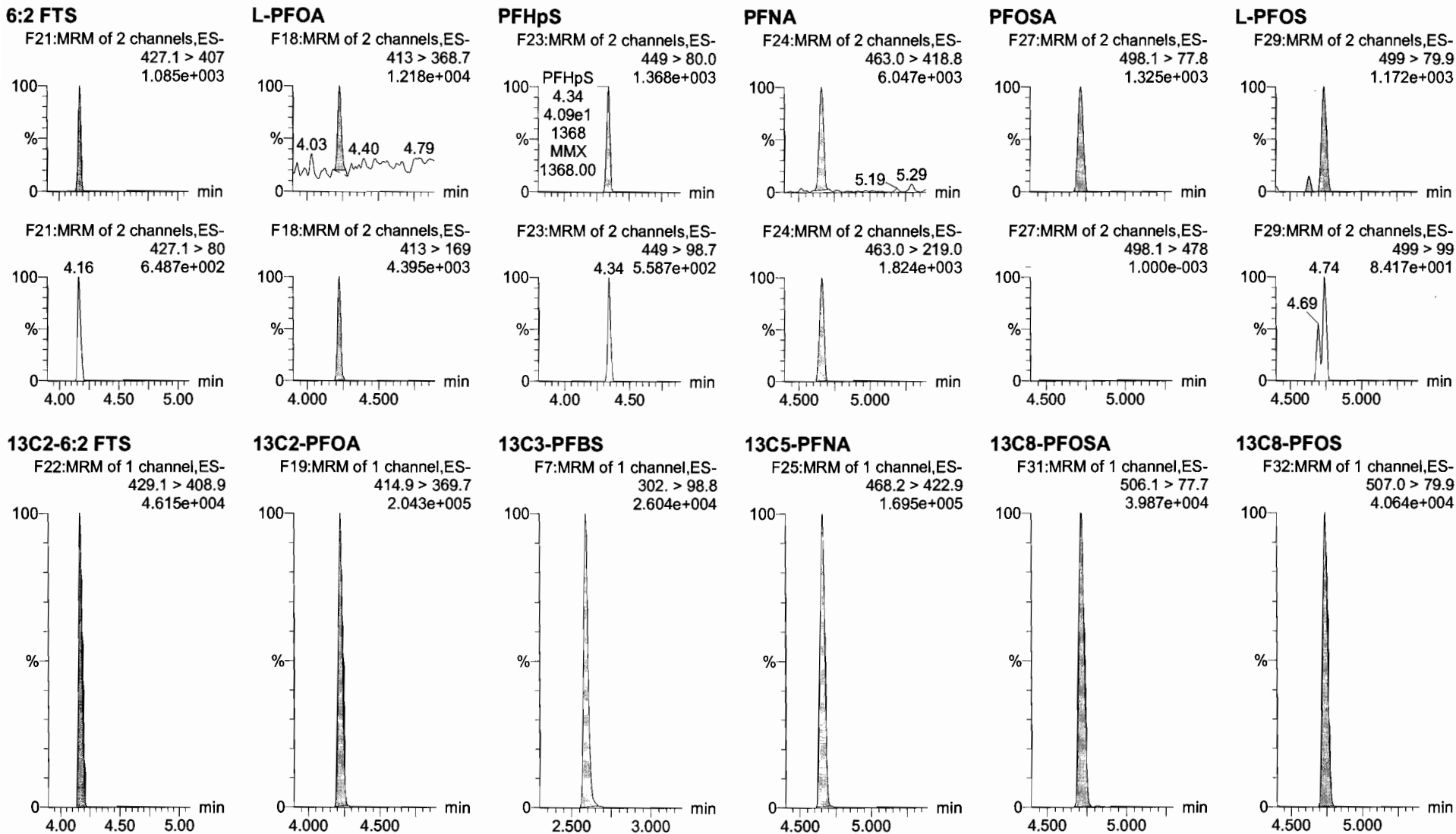
Name: 180110M3_2, Date: 11-Jan-2018, Time: 09:34:02, ID: ST180110M3-1 PFC CS-2 17L2606, Description: PFC CS-2 17L2606



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

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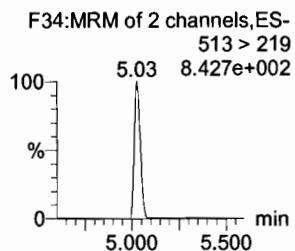
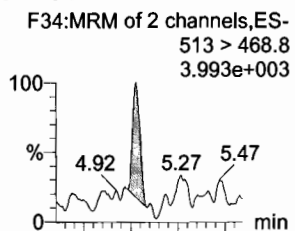


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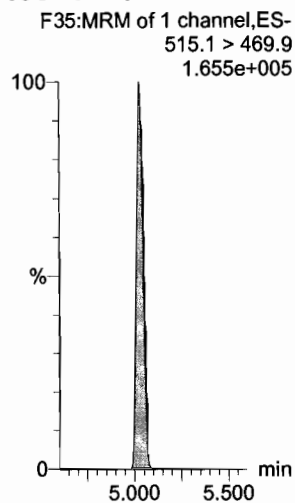
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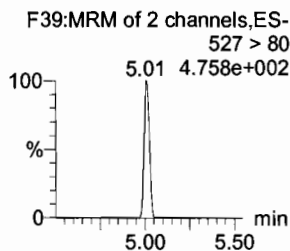
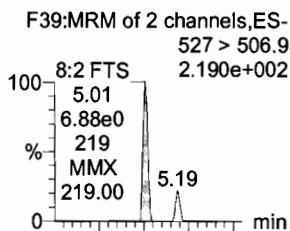
PFDA



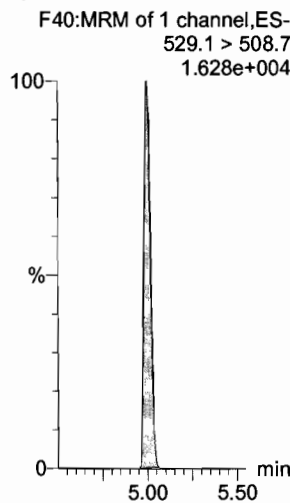
13C2-PFDA



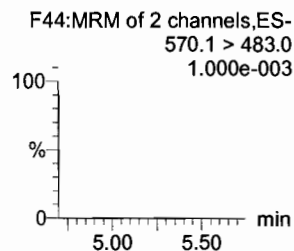
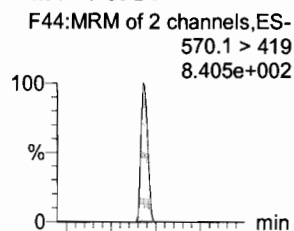
8:2 FTS



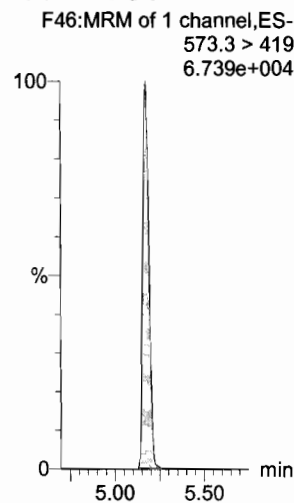
13C2-8:2 FTS



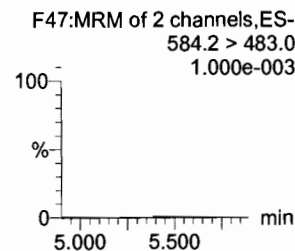
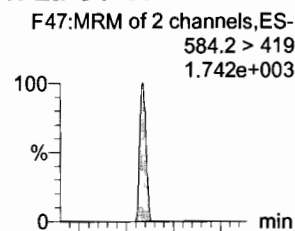
N-MeFOSAA



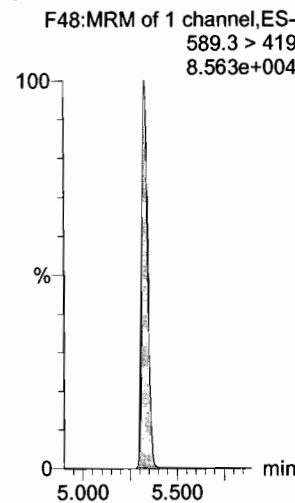
d3-N-MeFOSAA



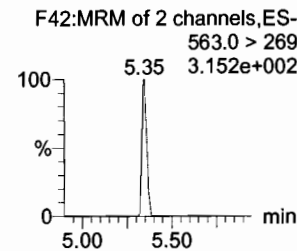
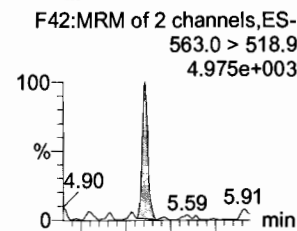
N-EtFOSAA



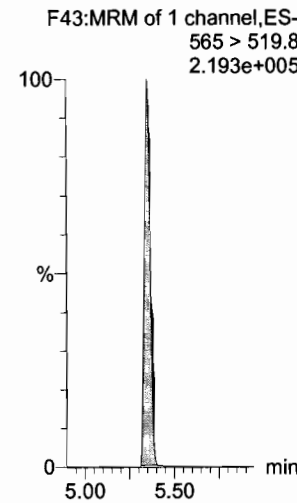
d5-N-EtFOSAA



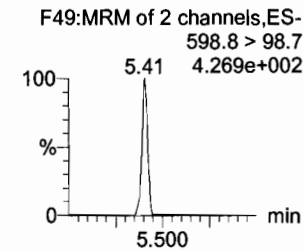
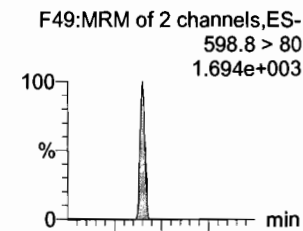
PFUdA



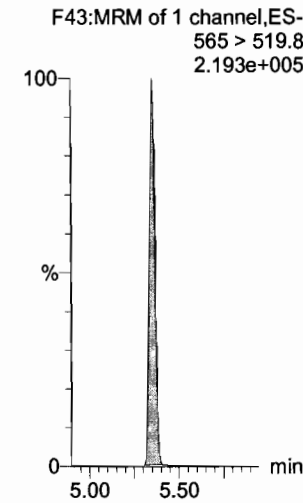
13C2-PFUdA



PFDS



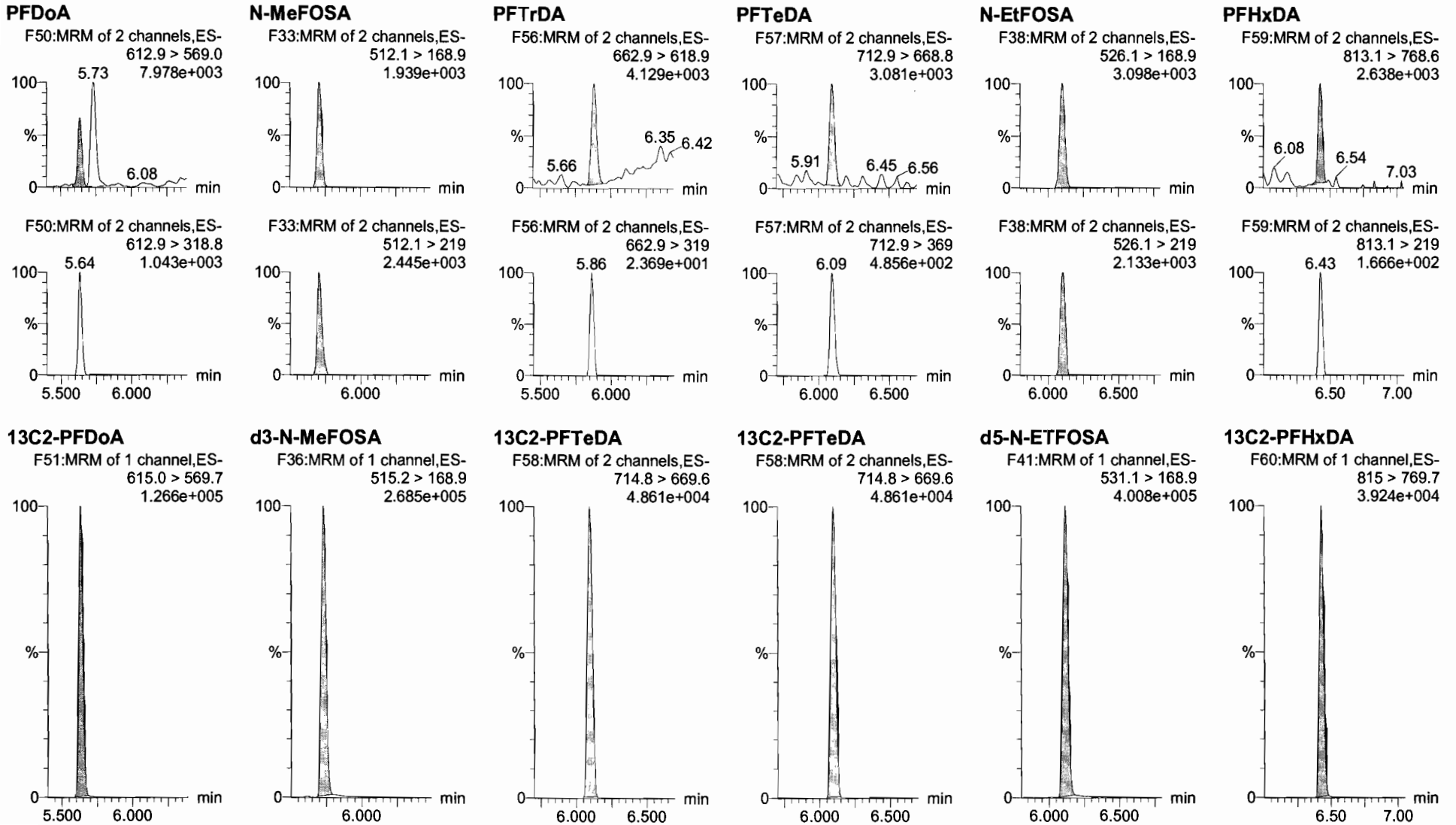
13C2-PFUdA



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time
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Name: 180110M3_2, Date: 11-Jan-2018, Time: 09:34:02, ID: ST180110M3-1 PFC CS-2 17L2606, Description: PFC CS-2 17L2606



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

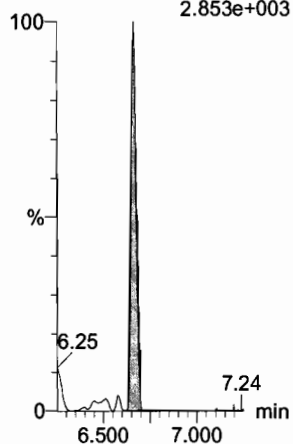
Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:28:58 Pacific Standard Time

Name: 180110M3_2, Date: 11-Jan-2018, Time: 09:34:02, ID: ST180110M3-1 PFC CS-2 17L2606, Description: PFC CS-2 17L2606

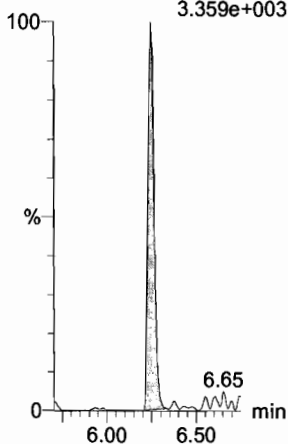
PFODA

F61:MRM of 1 channel,ES-
913.1 > 868.8
2.853e+003



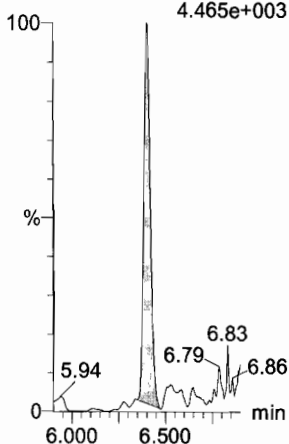
N-MeFOSE

F52:MRM of 1 channel,ES-
616.1 > 58.9
3.359e+003



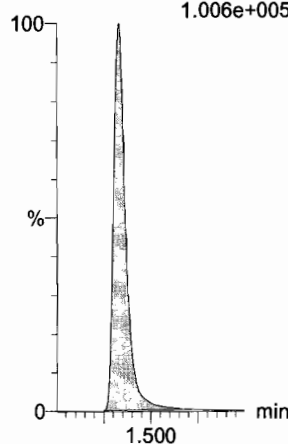
N-EtFOSE

F54:MRM of 1 channel,ES-
630.1 > 58.9
4.465e+003



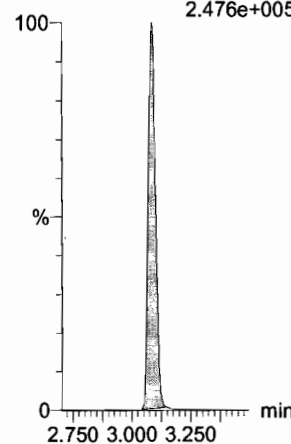
13C4-PFBA

F3:MRM of 1 channel,ES-
217. > 171.8
1.006e+005



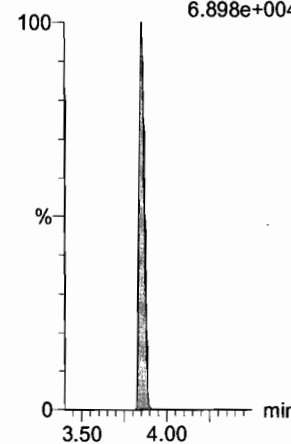
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
2.476e+005



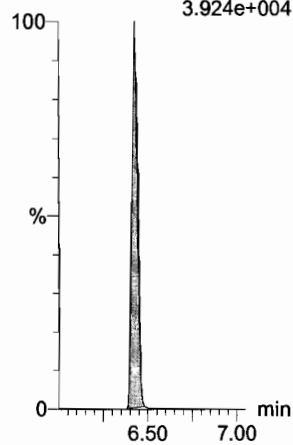
13C3-PFHxS

F16:MRM of 1 channel,ES-
401.9 > 79.9
6.898e+004



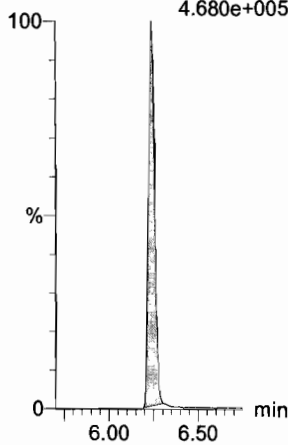
13C2-PFHxDA

F60:MRM of 1 channel,ES-
815 > 769.7
3.924e+004



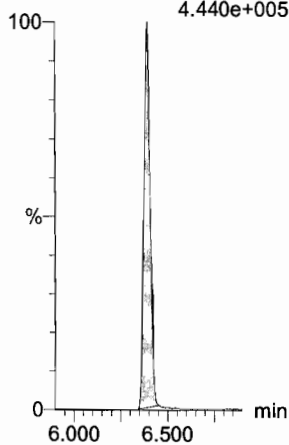
d7-N-MeFOSE

F53:MRM of 1 channel,ES-
623.1 > 58.9
4.680e+005



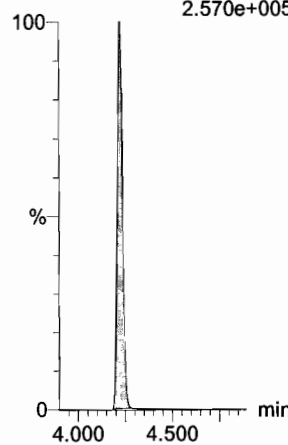
d9-N-EtFOSE

F55:MRM of 1 channel,ES-
639.2 > 58.8
4.440e+005



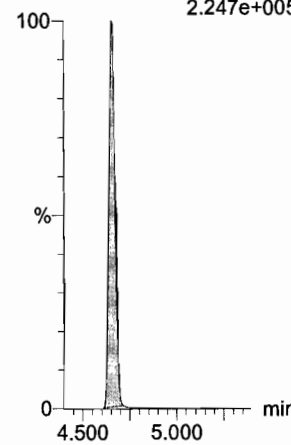
13C8-PFOA

F20:MRM of 1 channel,ES-
421.3 > 376
2.570e+005



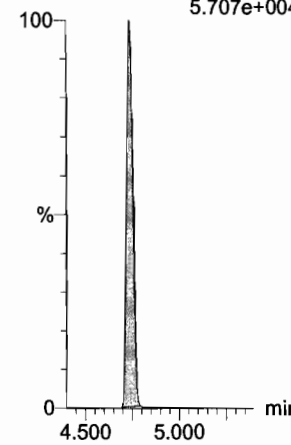
13C9-PFNA

F26:MRM of 1 channel,ES-
472.2 > 426.9
2.247e+005



13C4-PFOS

F30:MRM of 1 channel,ES-
503 > 79.9
5.707e+004

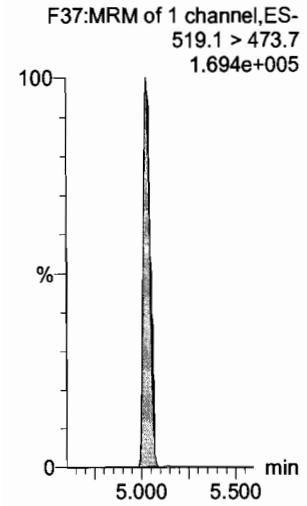


Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

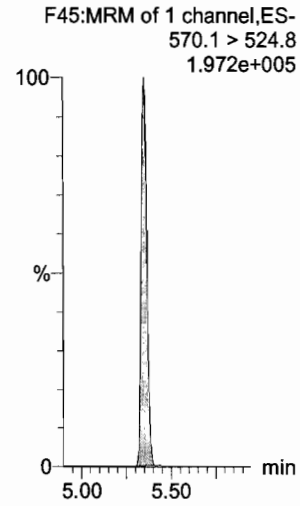
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Printed: Thursday, January 11, 2018 14:28:58 Pacific Standard Time

Name: 180110M3_2, Date: 11-Jan-2018, Time: 09:34:02, ID: ST180110M3-1 PFC CS-2 17L2606, Description: PFC CS-2 17L2606

13C6-PFDA



13C7-PFUdA

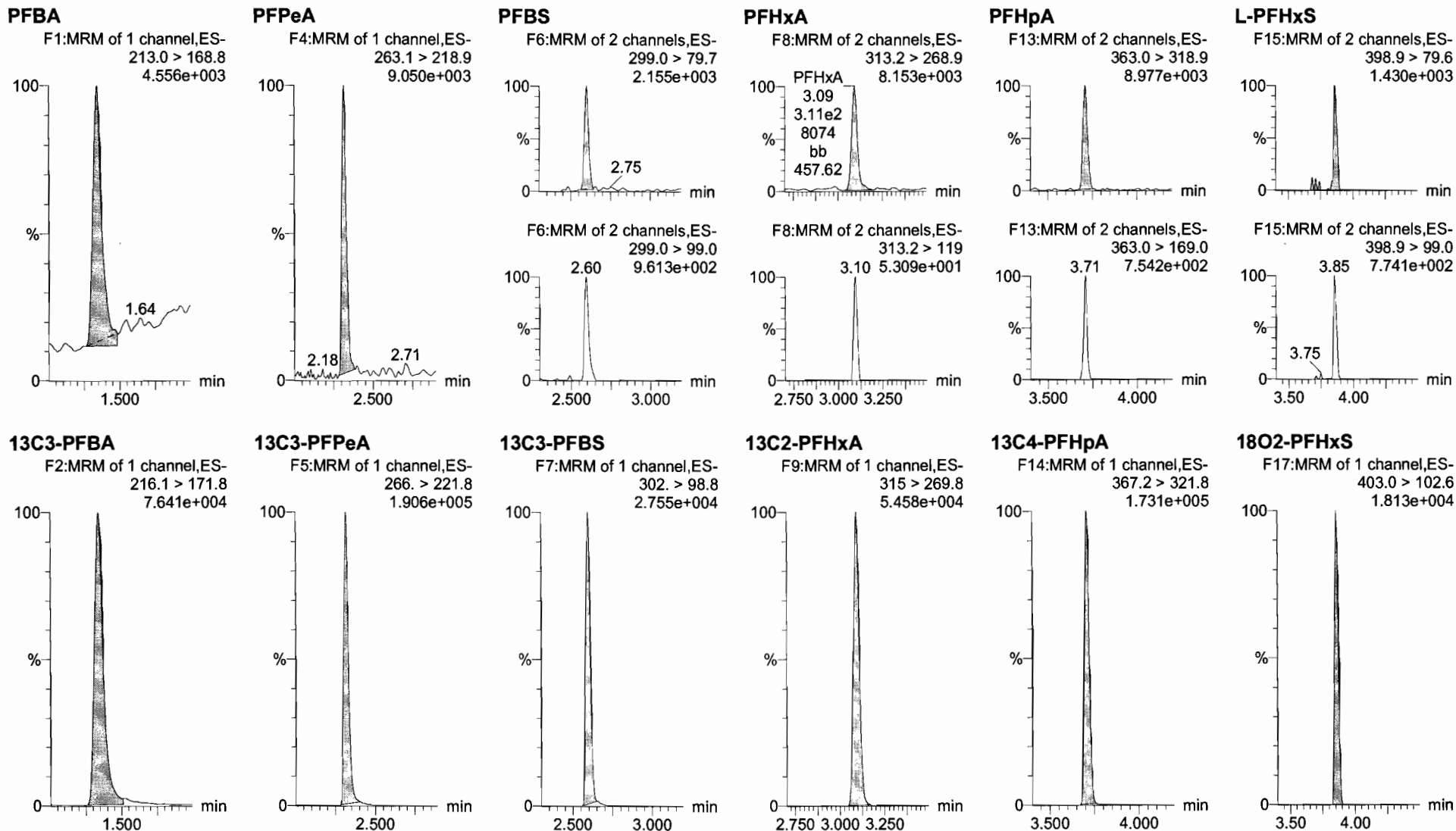


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Printed: Thursday, January 11, 2018 14:28:58 Pacific Standard Time

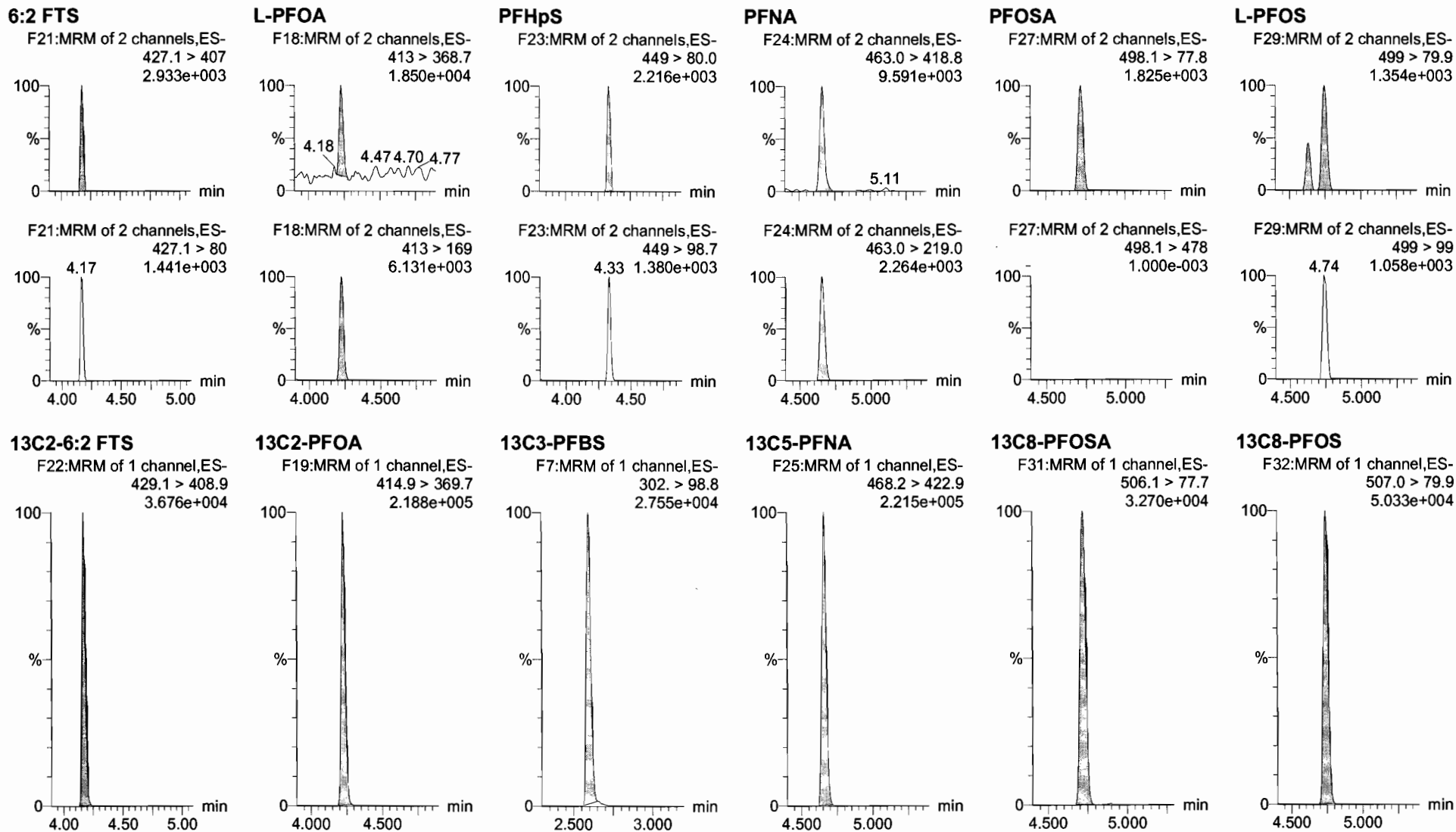
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Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time
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Name: 180110M3_3, Date: 11-Jan-2018, Time: 09:45:13, ID: ST180110M3-2 PFC CS-1 17L2607, Description: PFC CS-1 17L2607



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

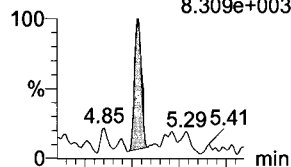
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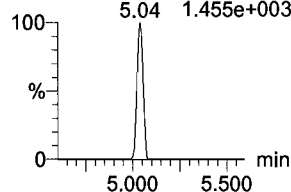
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PFDA

F34:MRM of 2 channels,ES-
513 > 468.8
8.309e+003

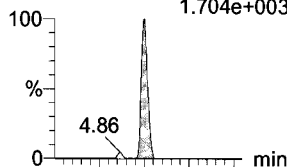


F34:MRM of 2 channels,ES-
513 > 219
1.455e+003

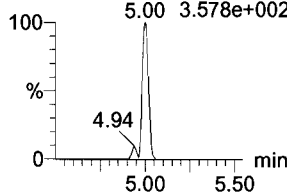


8:2 FTS

F39:MRM of 2 channels,ES-
527 > 506.9
1.704e+003

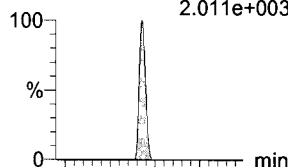


F39:MRM of 2 channels,ES-
527 > 80
3.578e+002

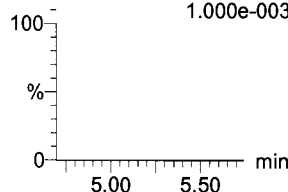


N-MeFOSAA

F44:MRM of 2 channels,ES-
570.1 > 419
2.011e+003

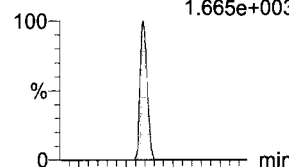


F44:MRM of 2 channels,ES-
570.1 > 483.0
1.000e-003

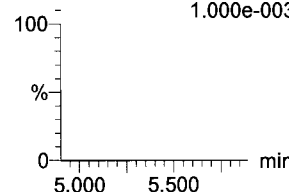


N-EtFOSAA

F47:MRM of 2 channels,ES-
584.2 > 419
1.665e+003

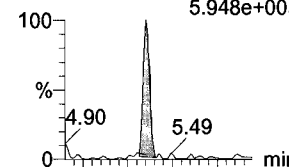


F47:MRM of 2 channels,ES-
584.2 > 483.0
1.000e-003

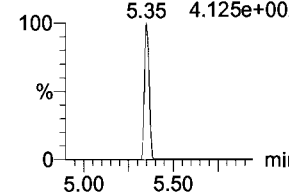


PFUdA

F42:MRM of 2 channels,ES-
563.0 > 518.9
5.948e+003

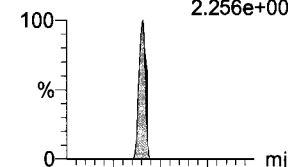


F42:MRM of 2 channels,ES-
563.0 > 269
4.125e+002

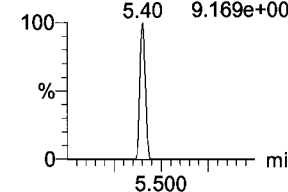


PFDS

F49:MRM of 2 channels,ES-
598.8 > 80
2.256e+003

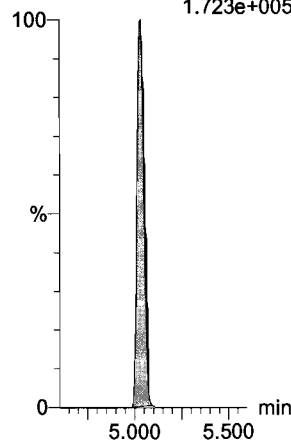


F49:MRM of 2 channels,ES-
598.8 > 98.7
9.169e+002



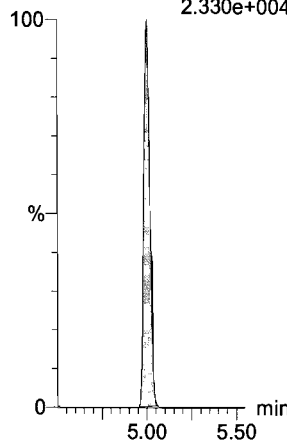
13C2-PFDA

F35:MRM of 1 channel,ES-
515.1 > 469.9
1.723e+005



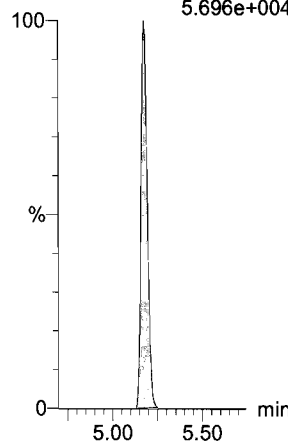
13C2-8:2 FTS

F40:MRM of 1 channel,ES-
529.1 > 508.7
2.330e+004



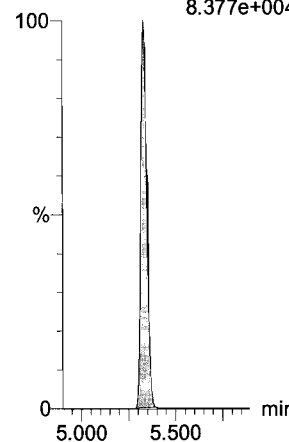
d3-N-MeFOSAA

F46:MRM of 1 channel,ES-
573.3 > 419
5.696e+004



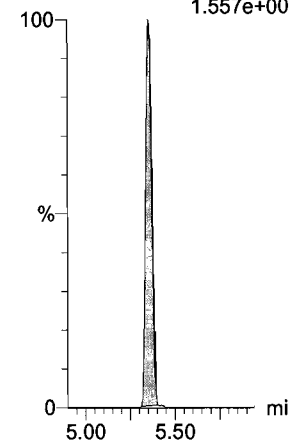
d5-N-EtFOSAA

F48:MRM of 1 channel,ES-
589.3 > 419
8.377e+004



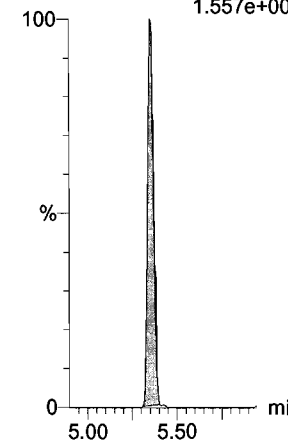
13C2-PFUdA

F43:MRM of 1 channel,ES-
565 > 519.8
1.557e+005



13C2-PFUdA

F43:MRM of 1 channel,ES-
565 > 519.8
1.557e+005



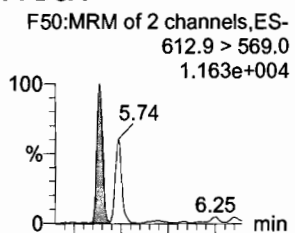
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Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

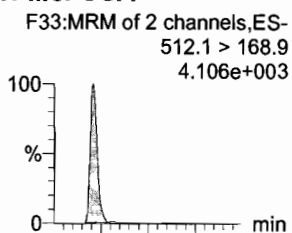
Printed: Thursday, January 11, 2018 14:28:58 Pacific Standard Time

Name: 180110M3_3, Date: 11-Jan-2018, Time: 09:45:13, ID: ST180110M3-2 PFC CS-1 17L2607, Description: PFC CS-1 17L2607

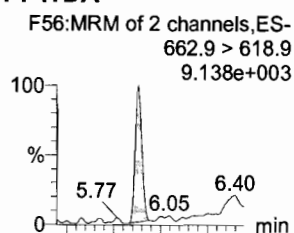
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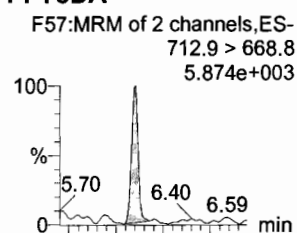
N-MeFOSA



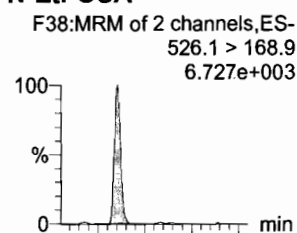
PFTrDA



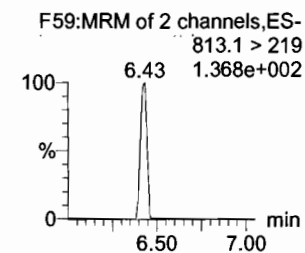
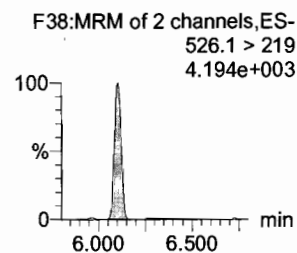
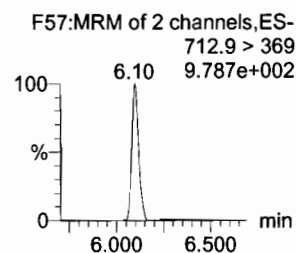
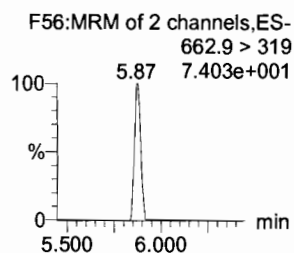
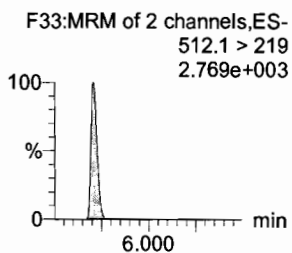
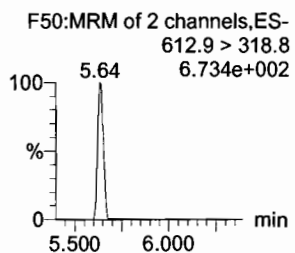
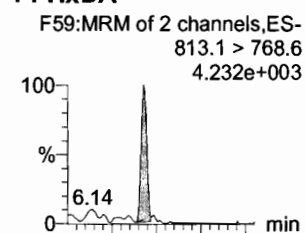
PFTeDA



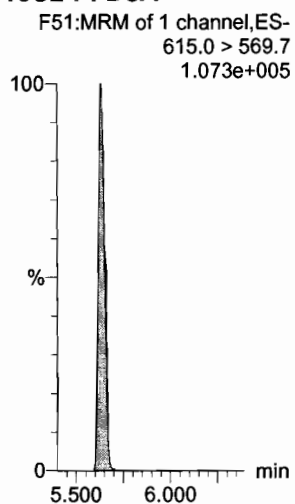
N-EtFOSA



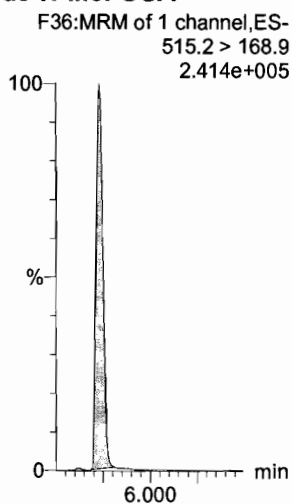
PFHxDA



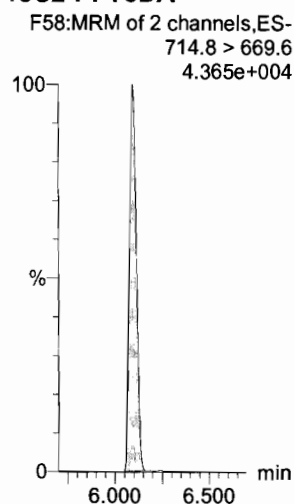
13C2-PFDoA



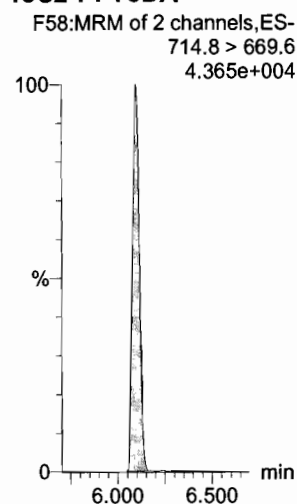
d3-N-MeFOSA



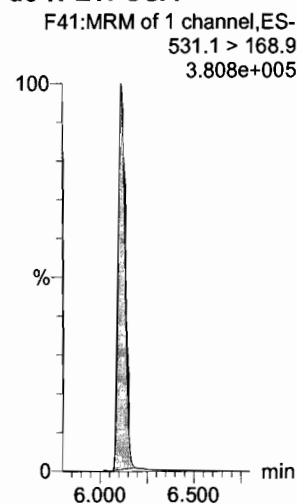
13C2-PFTeDA



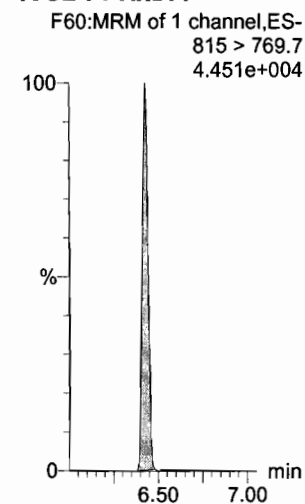
13C2-PFTeDA



d5-N-ETFOSA



13C2-PFHxDA



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

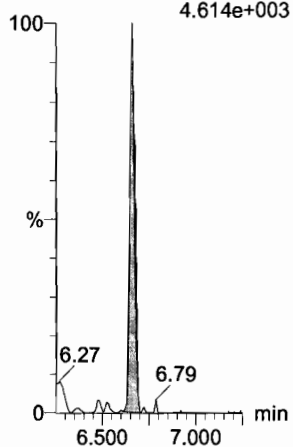
Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:28:58 Pacific Standard Time

Name: 180110M3_3, Date: 11-Jan-2018, Time: 09:45:13, ID: ST180110M3-2 PFC CS-1 17L2607, Description: PFC CS-1 17L2607

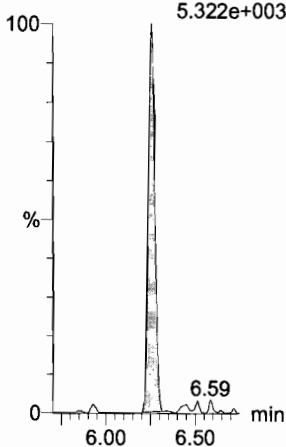
PFODA

F61:MRM of 1 channel,ES-
913.1 > 868.8
4.614e+003



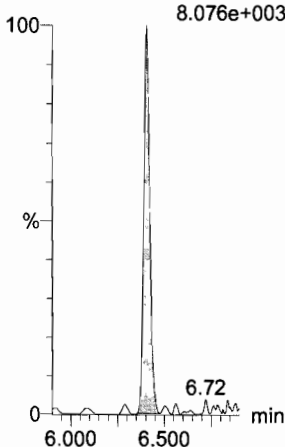
N-MeFOSE

F52:MRM of 1 channel,ES-
616.1 > 58.9
5.322e+003



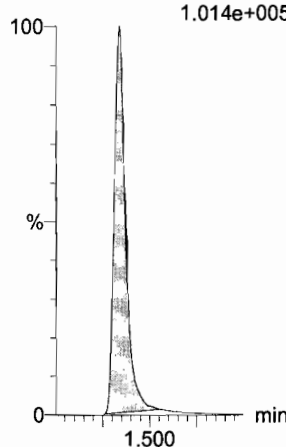
N-EtFOSE

F54:MRM of 1 channel,ES-
630.1 > 58.9
8.076e+003



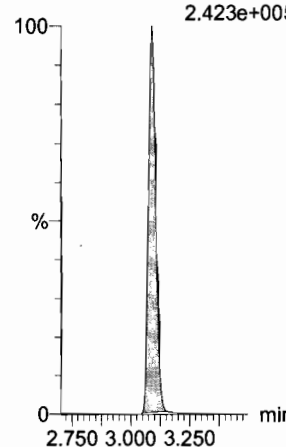
13C4-PFBA

F3:MRM of 1 channel,ES-
217. > 171.8
1.014e+005



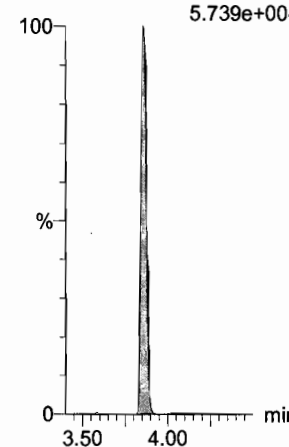
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
2.423e+005



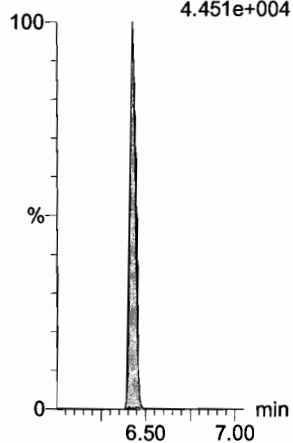
13C3-PFHxS

F16:MRM of 1 channel,ES-
401.9 > 79.9
5.739e+004



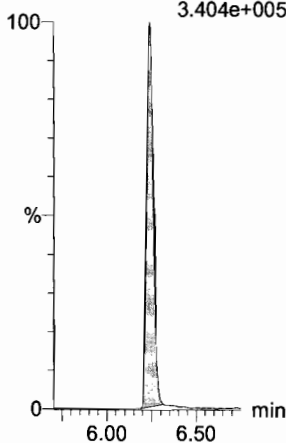
13C2-PFHxDA

F60:MRM of 1 channel,ES-
815 > 769.7
4.451e+004



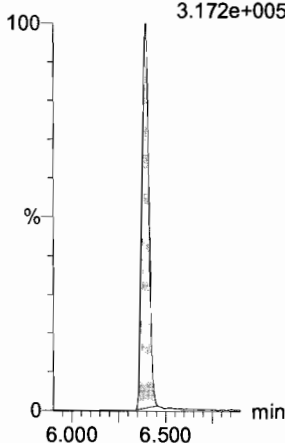
d7-N-MeFOSE

F53:MRM of 1 channel,ES-
623.1 > 58.9
3.404e+005



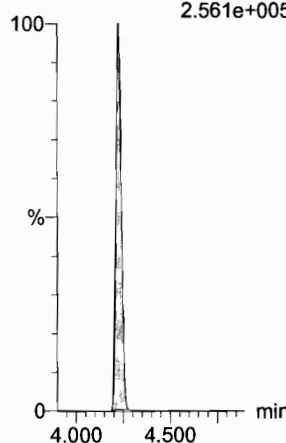
d9-N-EtFOSE

F55:MRM of 1 channel,ES-
639.2 > 58.8
3.172e+005



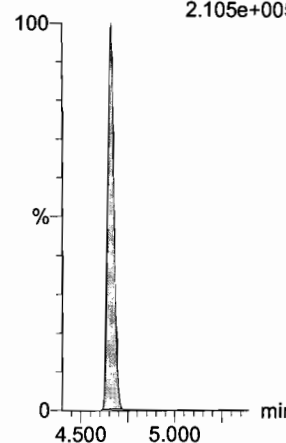
13C8-PFOA

F20:MRM of 1 channel,ES-
421.3 > 376
2.561e+005



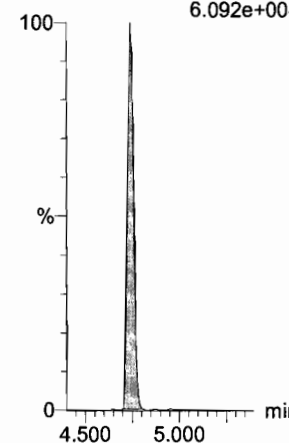
13C9-PFNA

F26:MRM of 1 channel,ES-
472.2 > 426.9
2.105e+005



13C4-PFOS

F30:MRM of 1 channel,ES-
503 > 79.9
6.092e+004



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

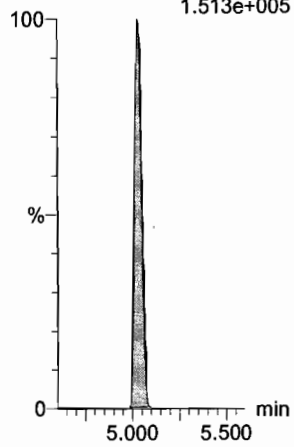
Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:28:58 Pacific Standard Time

Name: 180110M3_3, Date: 11-Jan-2018, Time: 09:45:13, ID: ST180110M3-2 PFC CS-1 17L2607, Description: PFC CS-1 17L2607

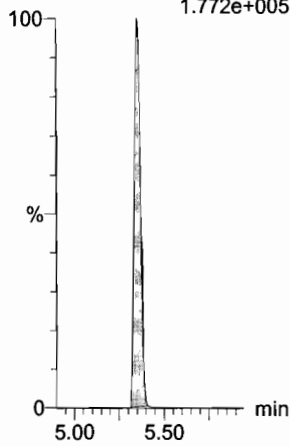
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
1.513e+005



13C7-PFUdA

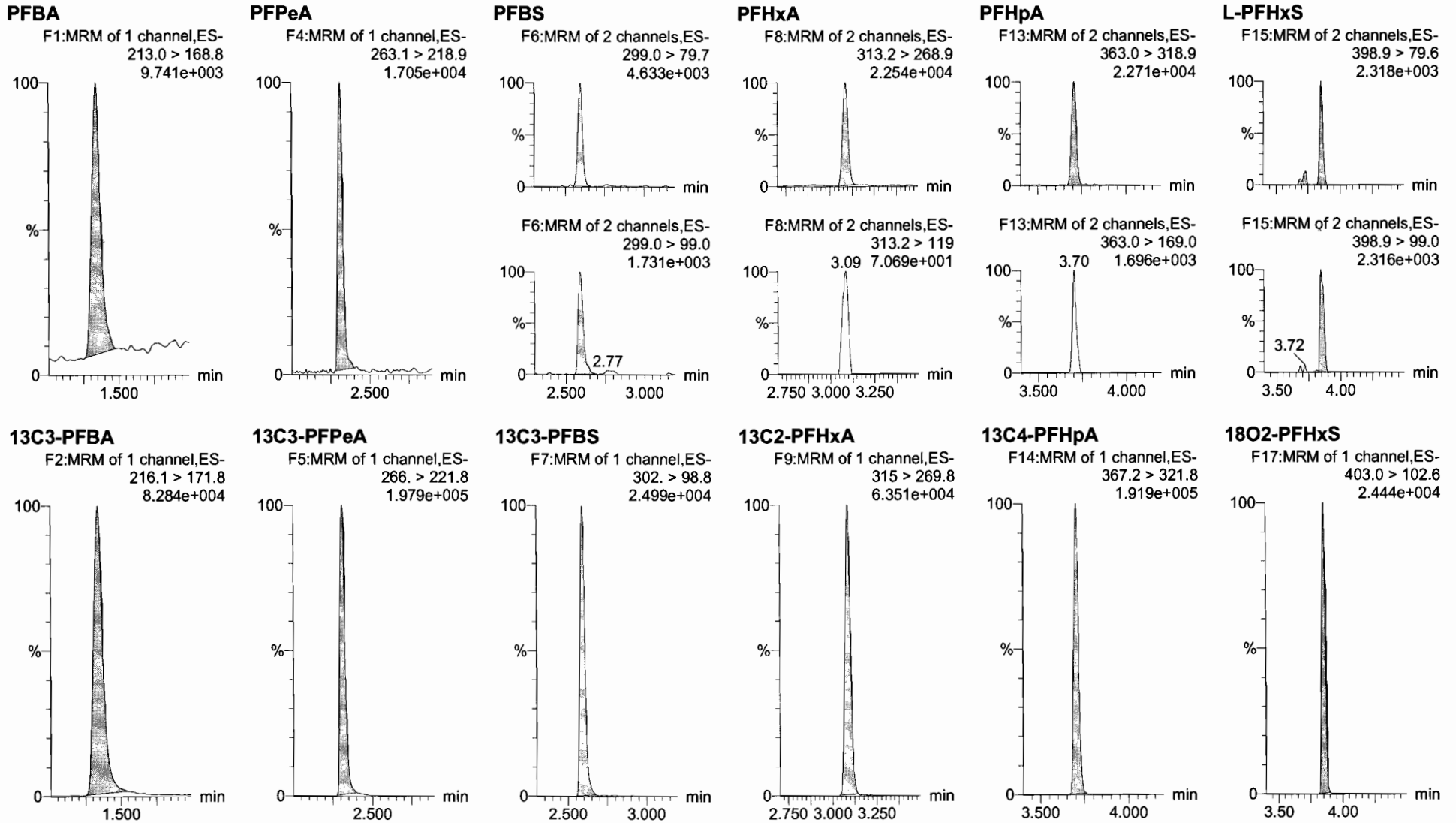
F45:MRM of 1 channel,ES-
570.1 > 524.8
1.772e+005



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time
Printed: Thursday, January 11, 2018 14:28:58 Pacific Standard Time

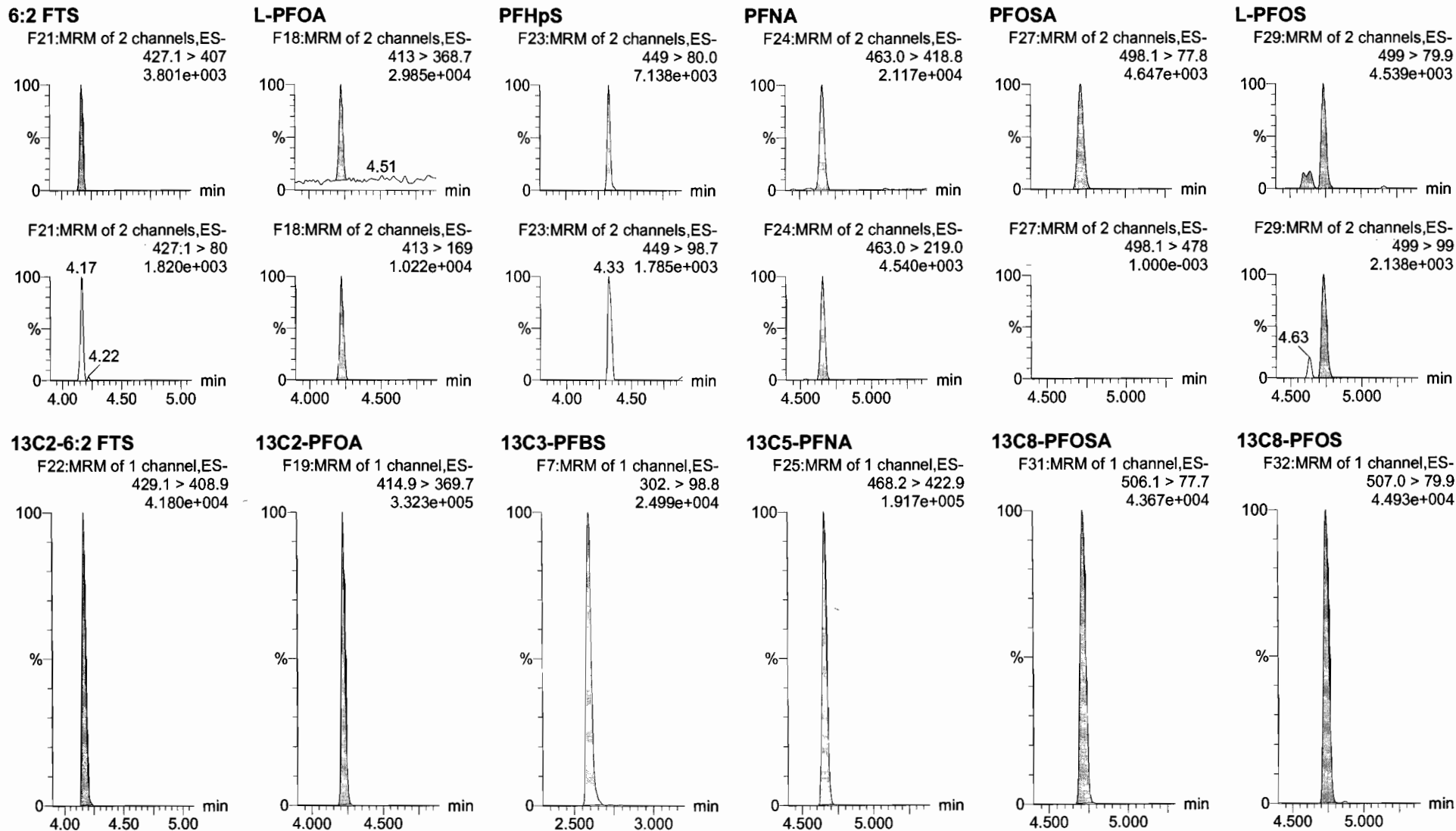
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Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time
Printed: Thursday, January 11, 2018 14:28:58 Pacific Standard Time

Name: 180110M3_4, Date: 11-Jan-2018, Time: 09:56:23, ID: ST180110M3-3 PFC CS0 17L2608, Description: PFC CS0 17L2608

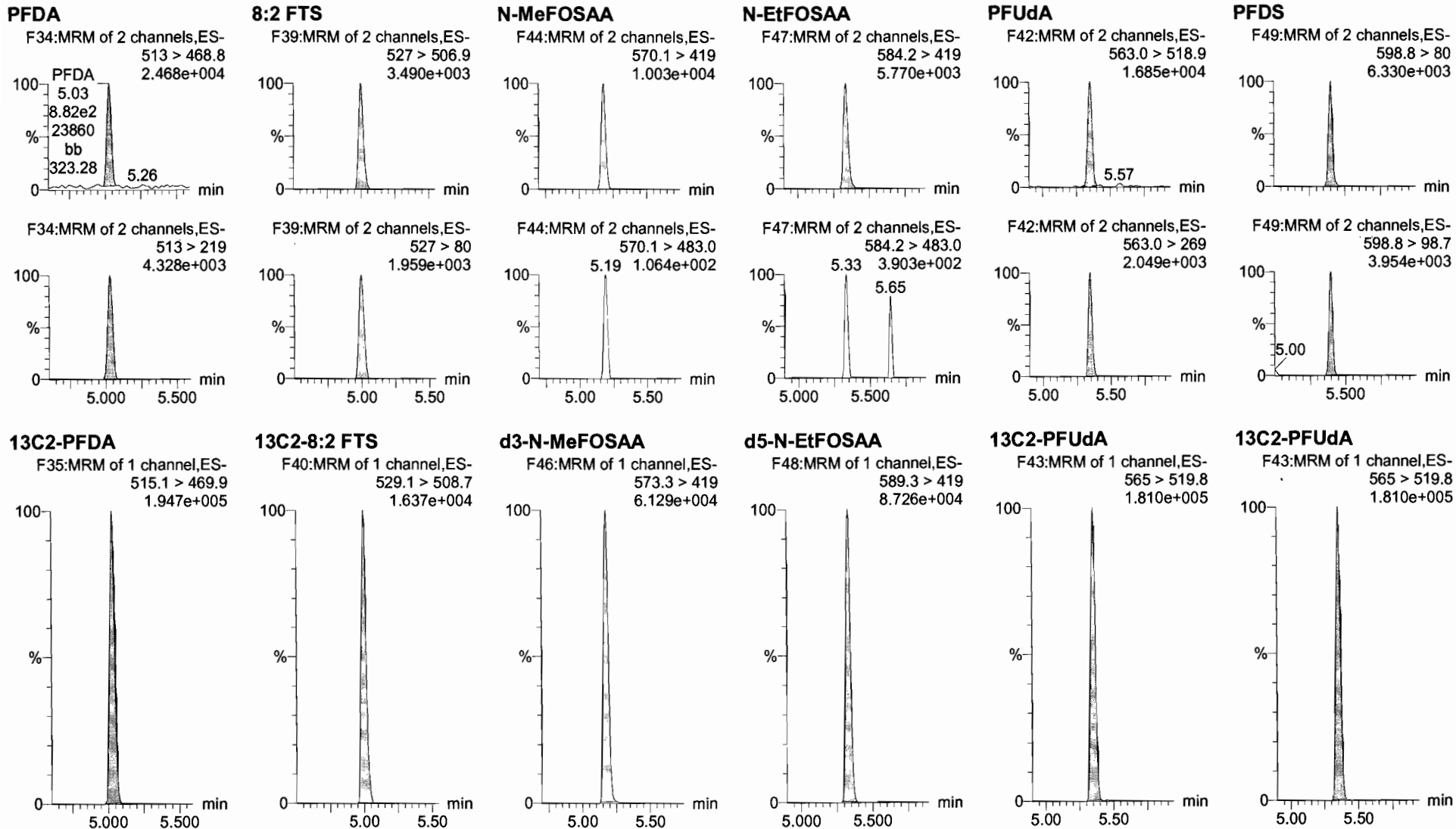


Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

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Printed: Thursday, January 11, 2018 14:28:58 Pacific Standard Time

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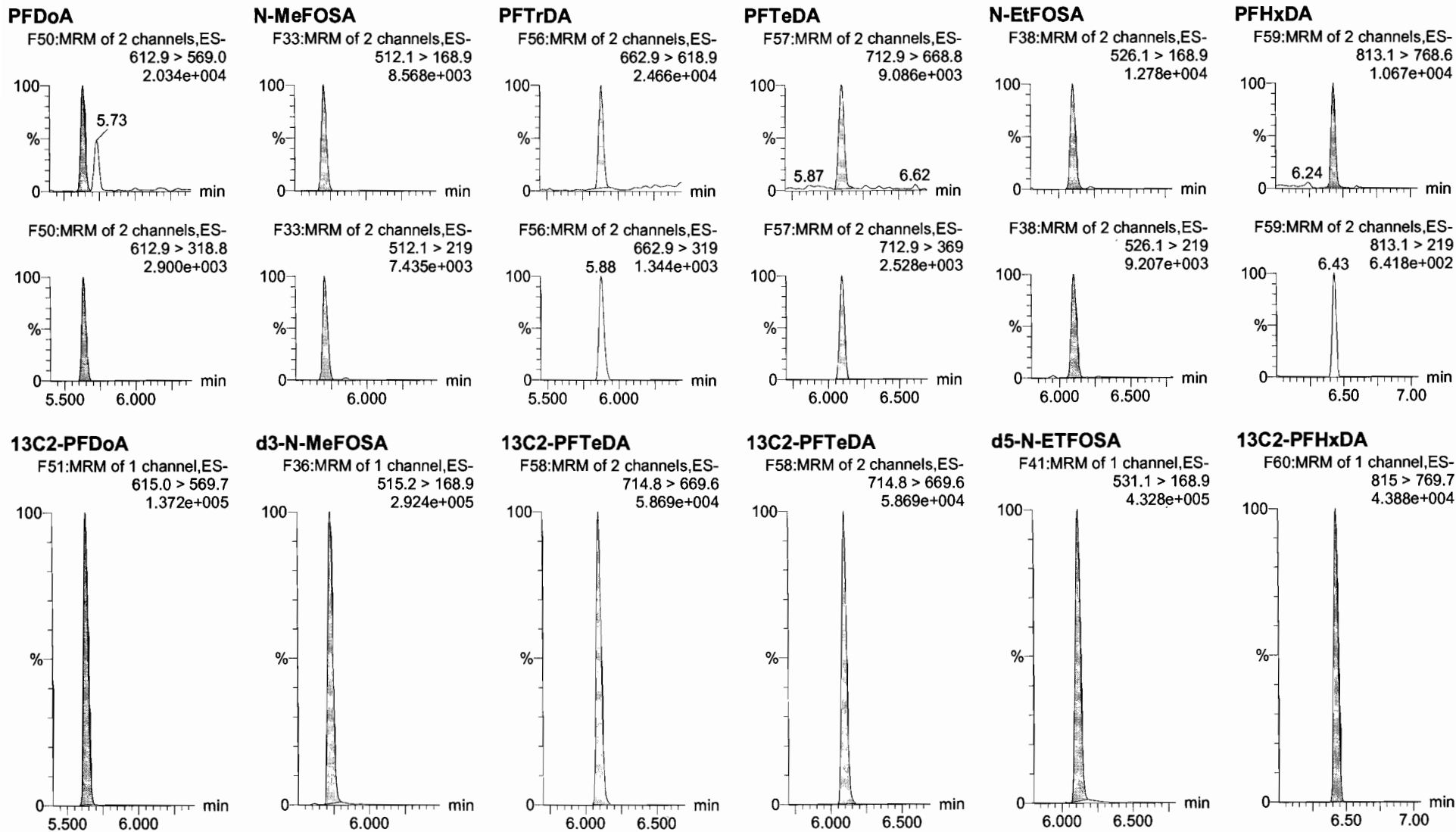


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Printed: Thursday, January 11, 2018 14:28:58 Pacific Standard Time

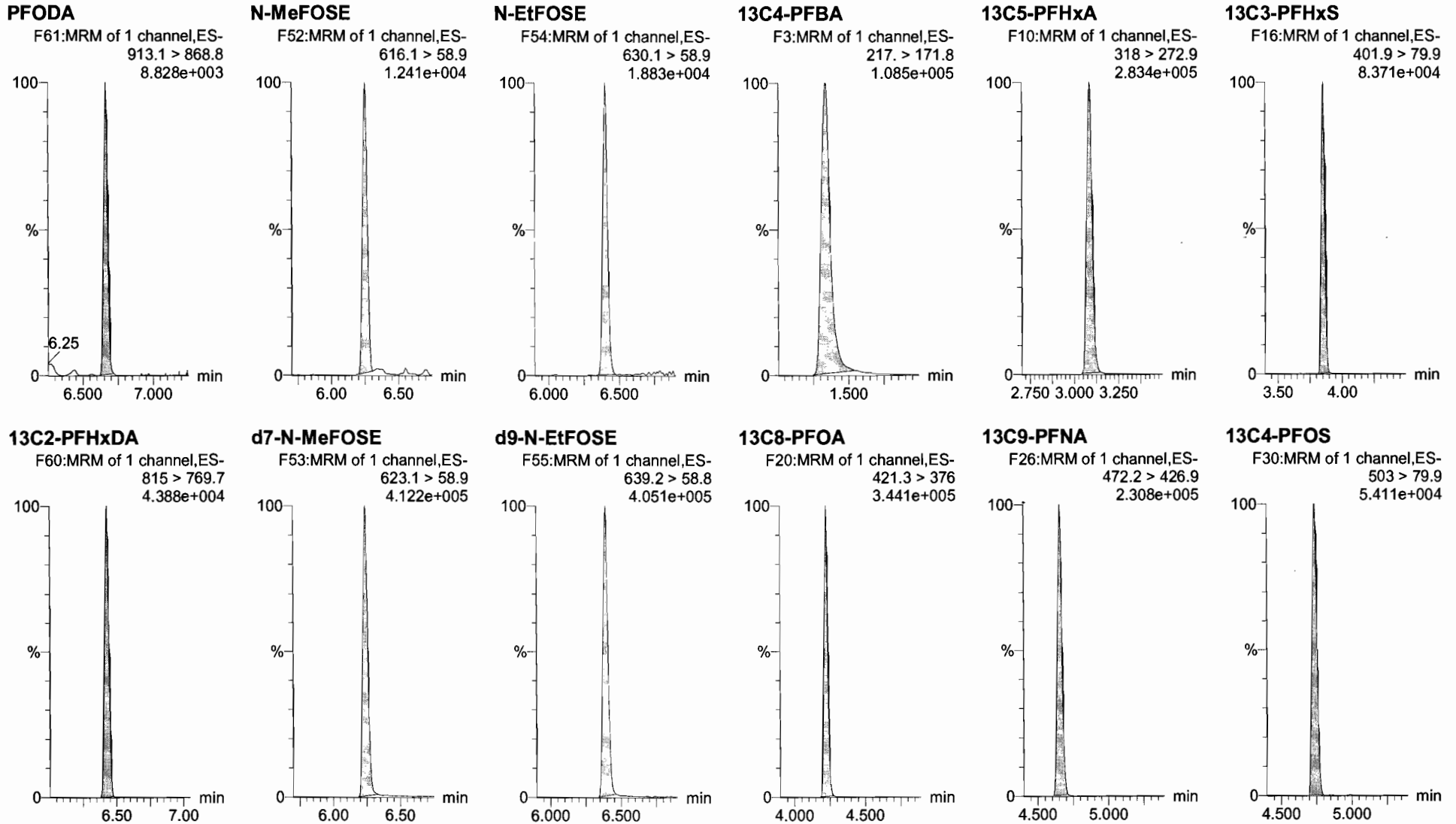
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Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time
Printed: Thursday, January 11, 2018 14:28:58 Pacific Standard Time

Name: 180110M3_4, Date: 11-Jan-2018, Time: 09:56:23, ID: ST180110M3-3 PFC CS0 17L2608, Description: PFC CS0 17L2608



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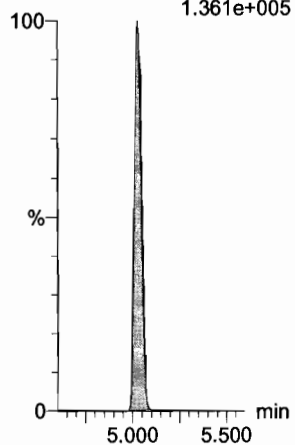
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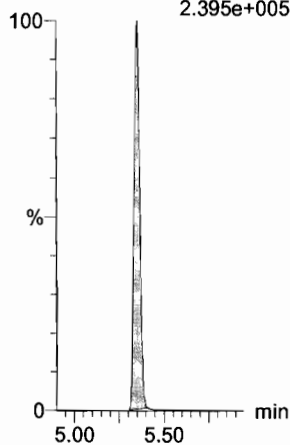
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
1.361e+005



13C7-PFUdA

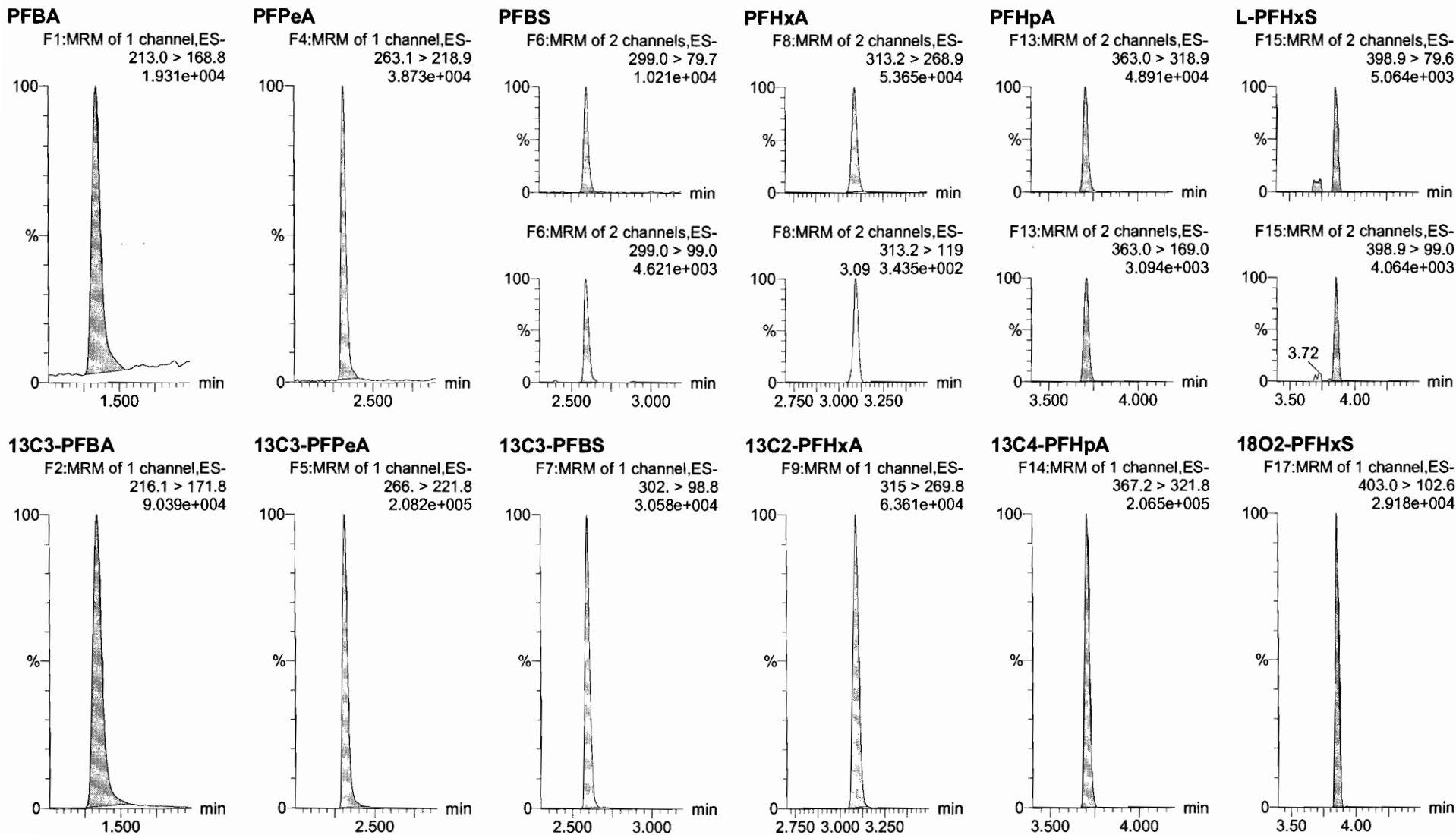
F45:MRM of 1 channel,ES-
570.1 > 524.8
2.395e+005



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time
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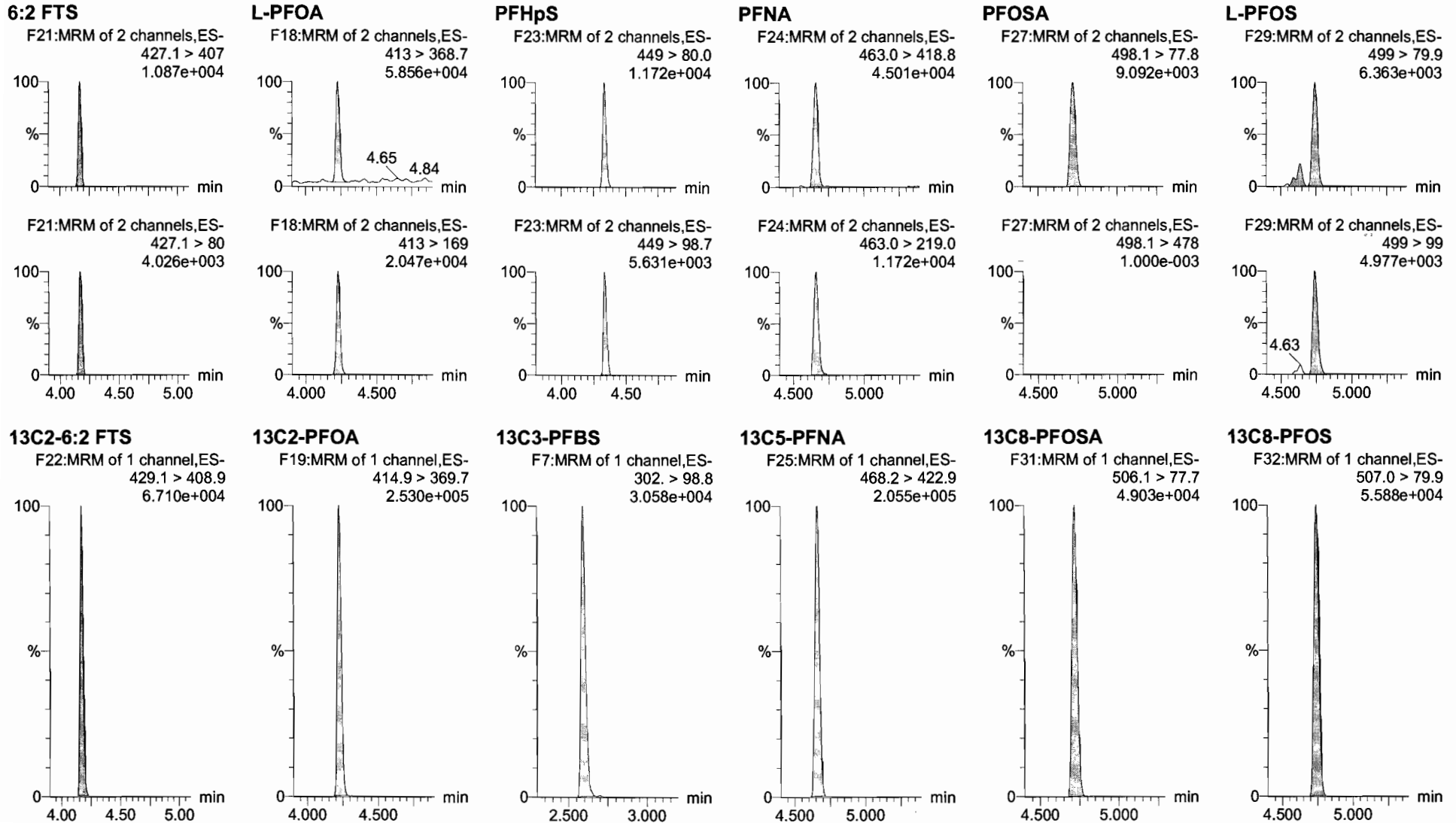
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Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

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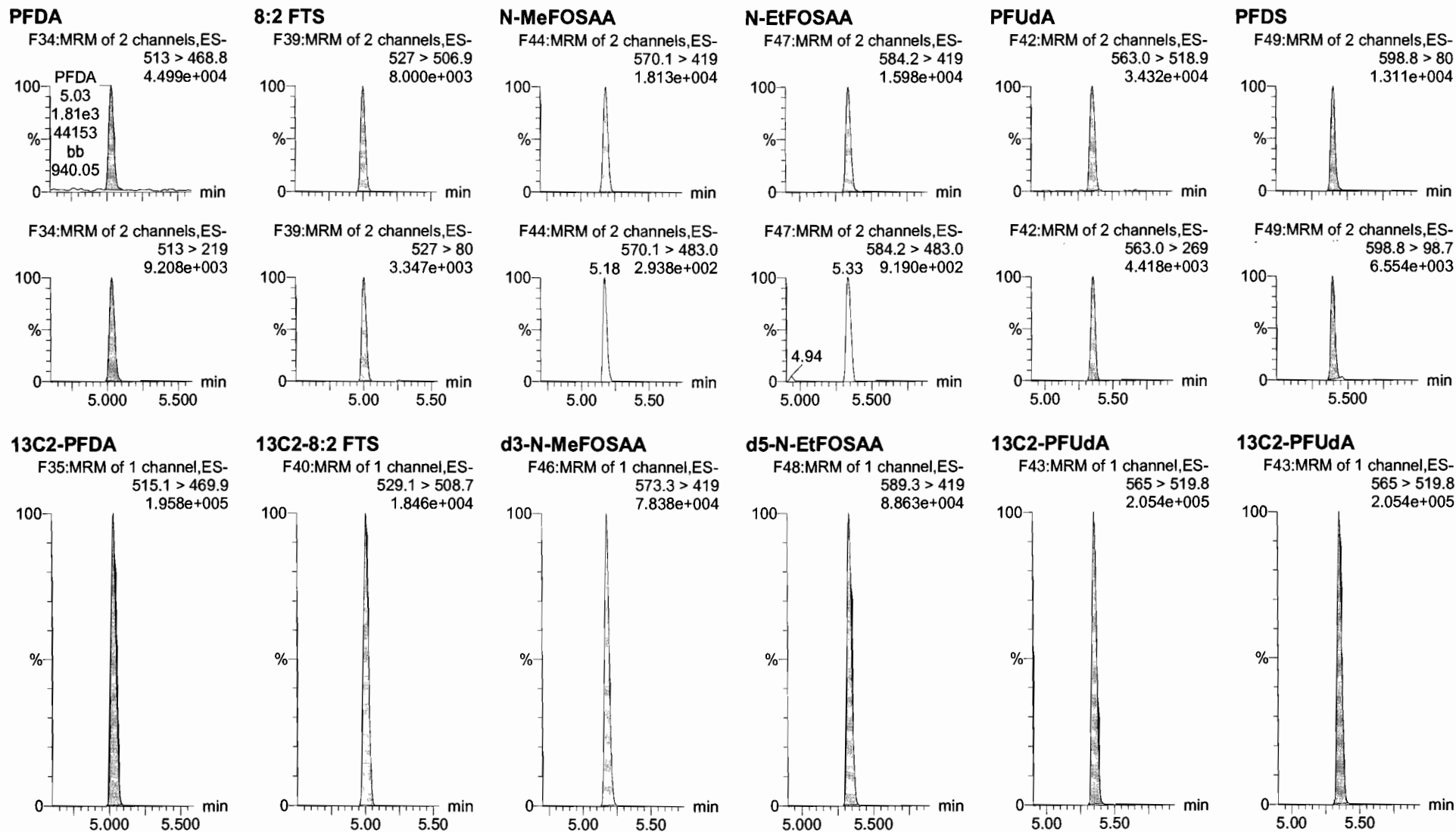
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Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time
Printed: Thursday, January 11, 2018 14:28:58 Pacific Standard Time

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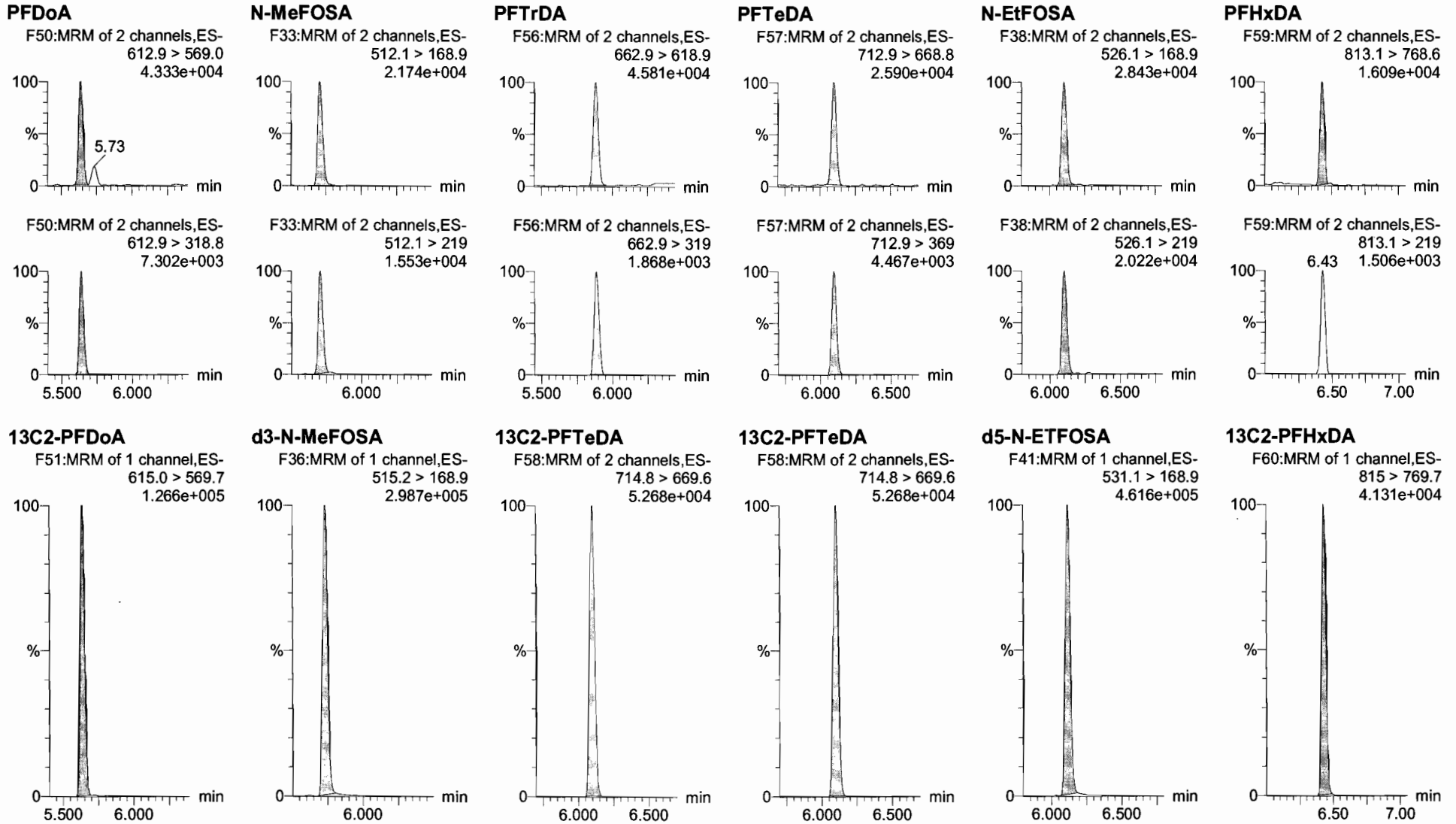


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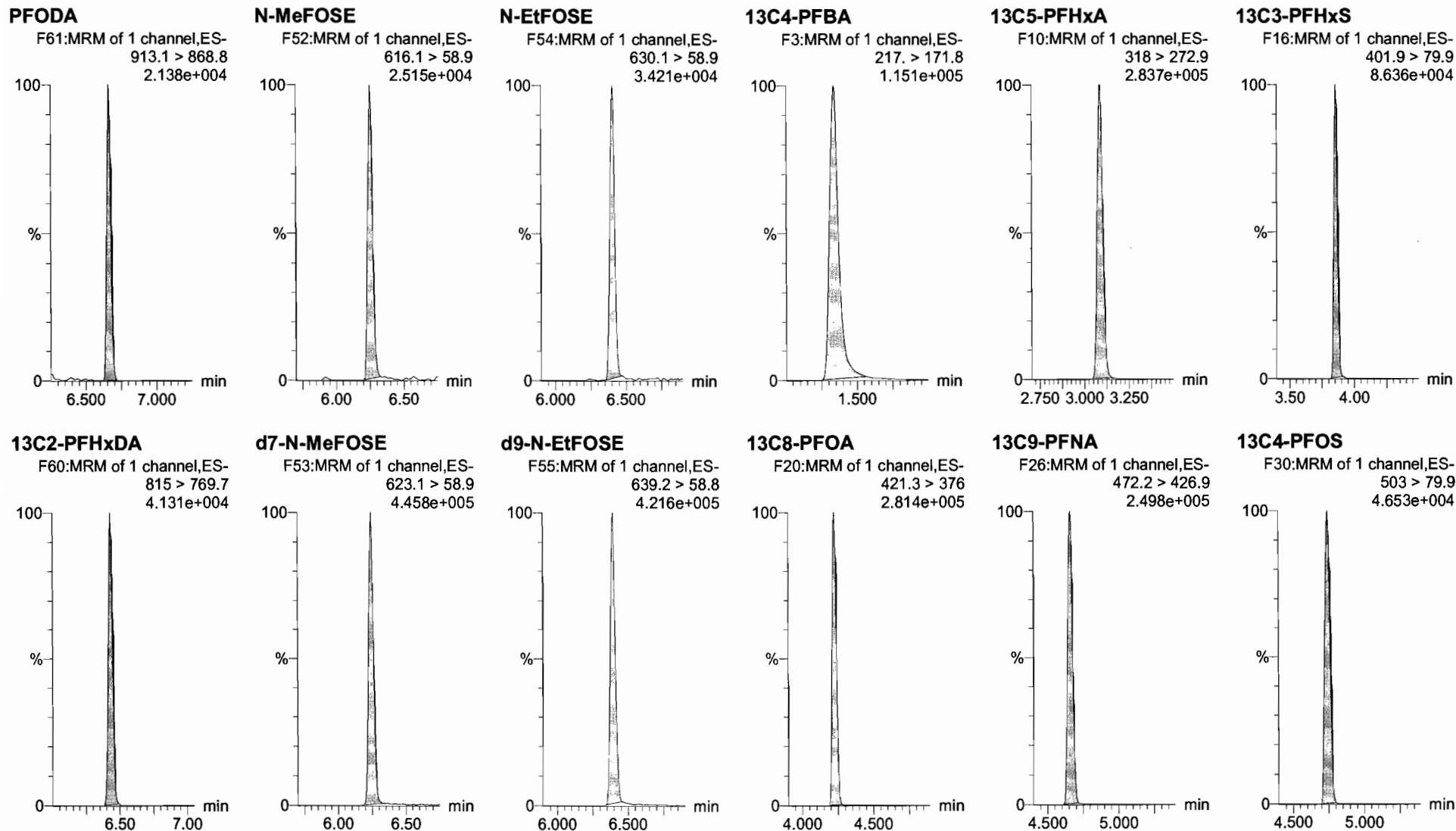


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Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:28:58 Pacific Standard Time

Name: 180110M3_5, Date: 11-Jan-2018, Time: 10:07:34, ID: ST180110M3-4 PFC CS1 17L2609, Description: PFC CS1 17L2609



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

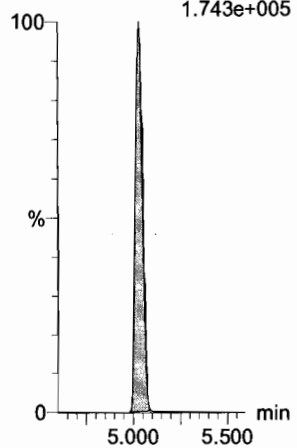
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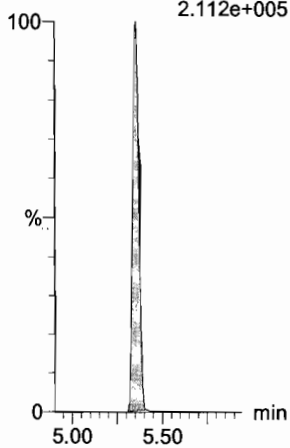
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
1.743e+005



13C7-PFUdA

F45:MRM of 1 channel,ES-
570.1 > 524.8
2.112e+005

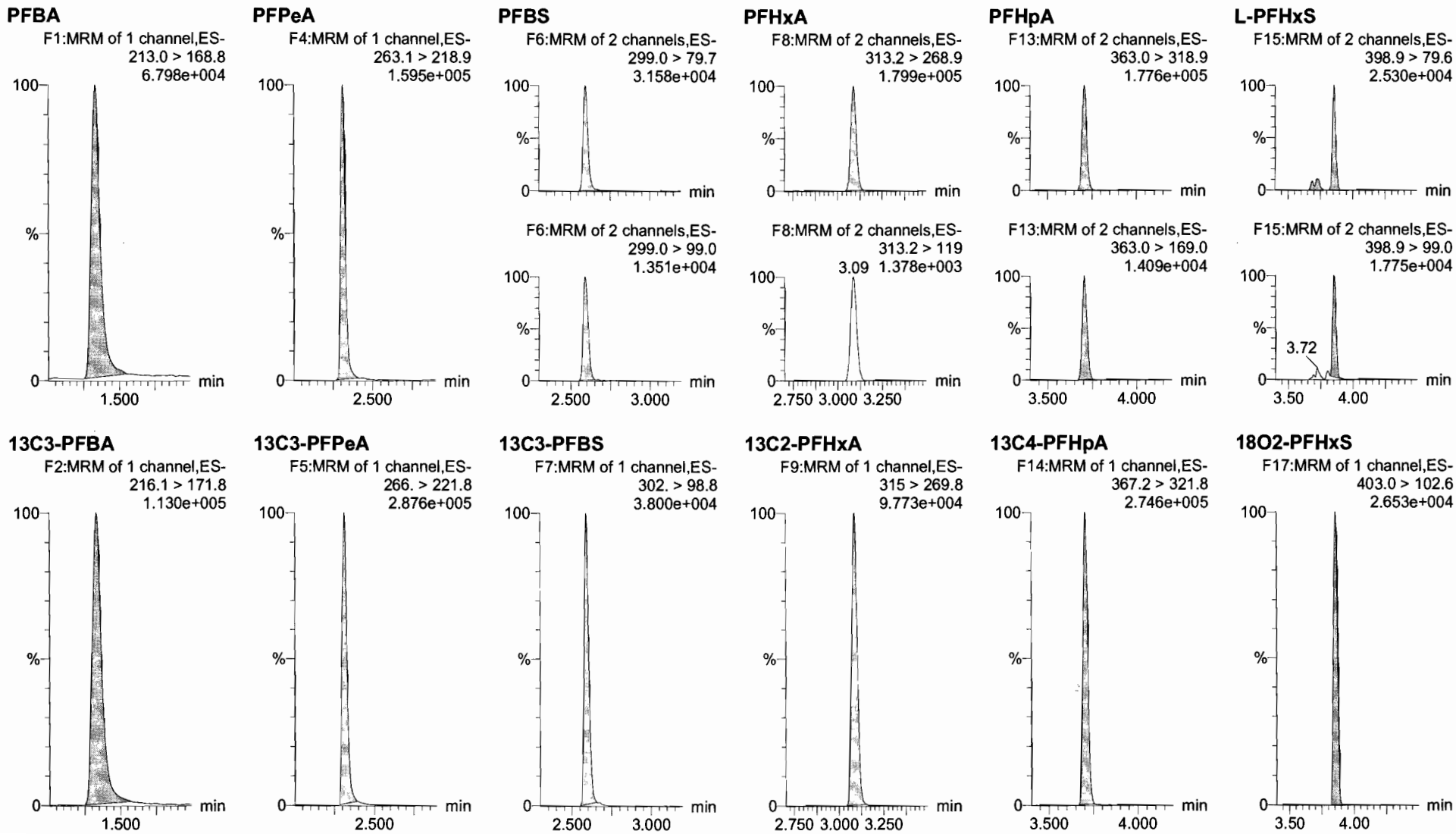


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Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:28:58 Pacific Standard Time

Name: 180110M3_6, Date: 11-Jan-2018, Time: 10:18:46, ID: ST180110M3-5 PFC CS2 17L2610, Description: PFC CS2 17L2610

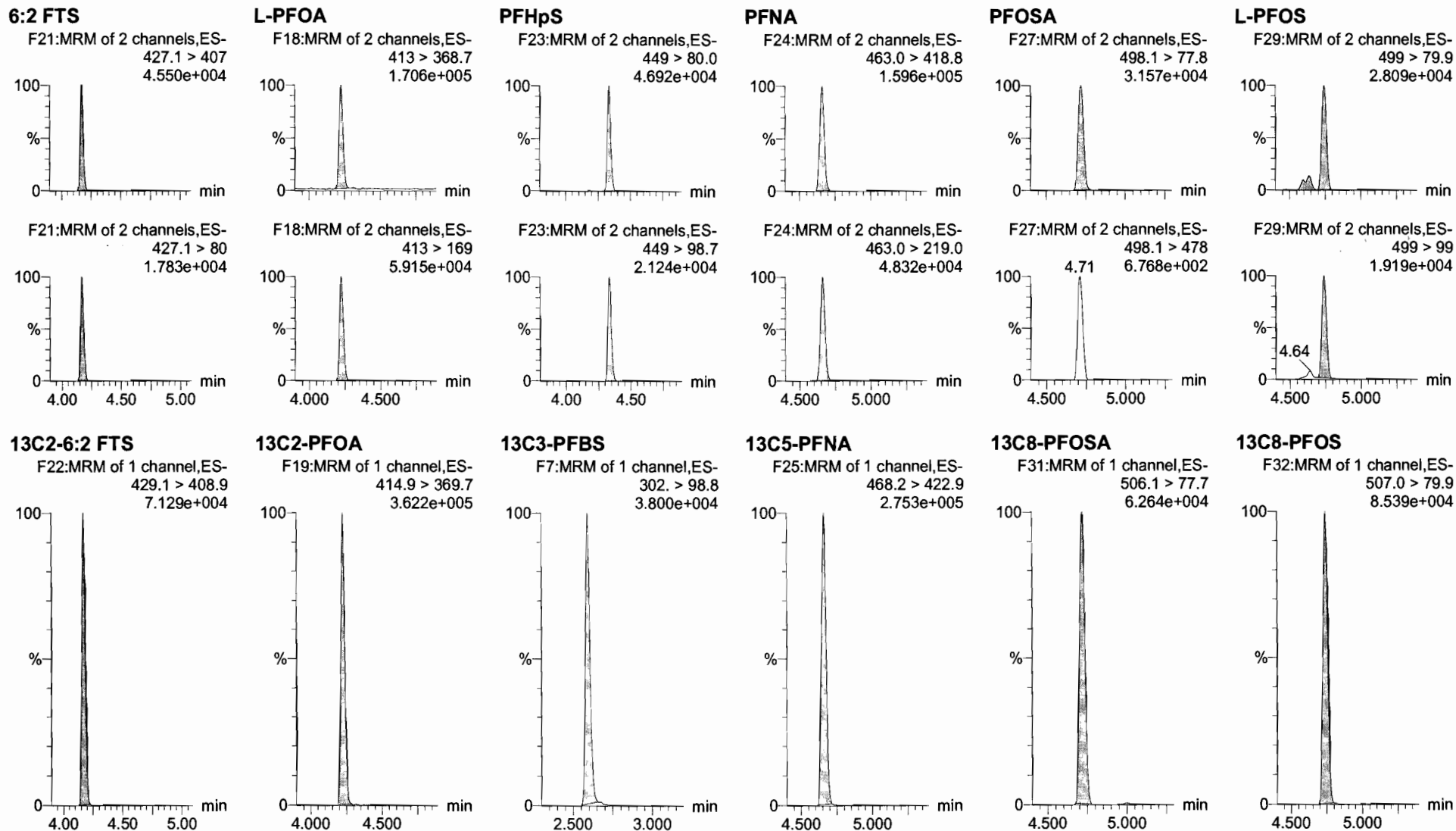


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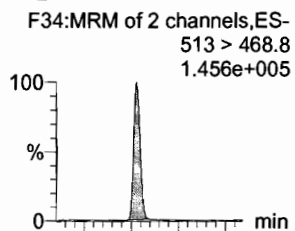
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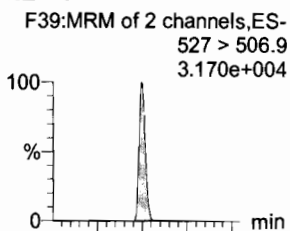
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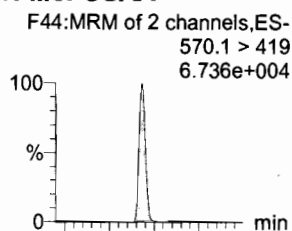
PFDA



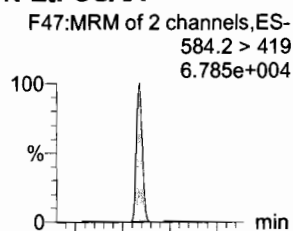
8:2 FTS



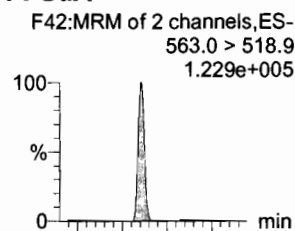
N-MeFOSAA



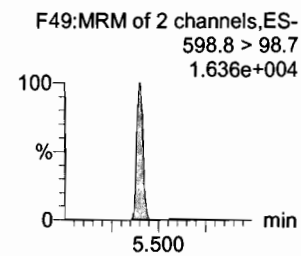
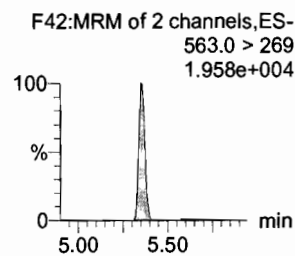
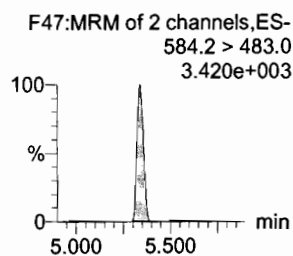
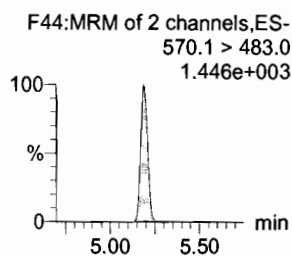
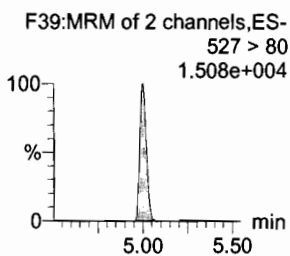
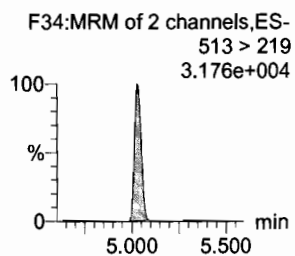
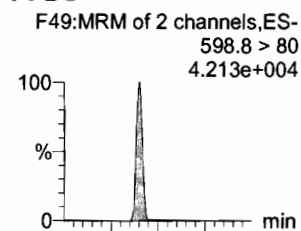
N-EtFOSAA



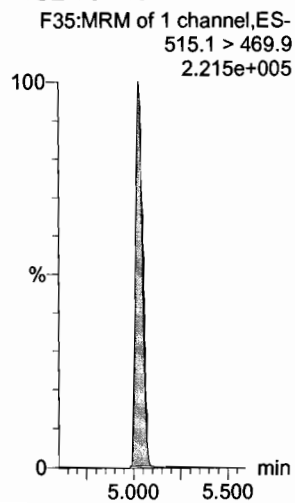
PFUdA



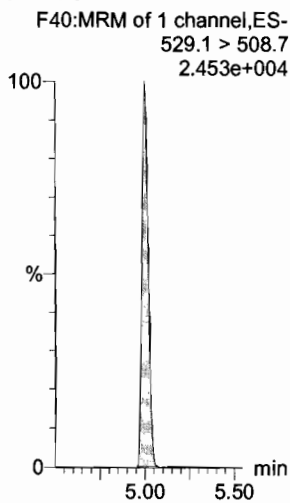
PFDS



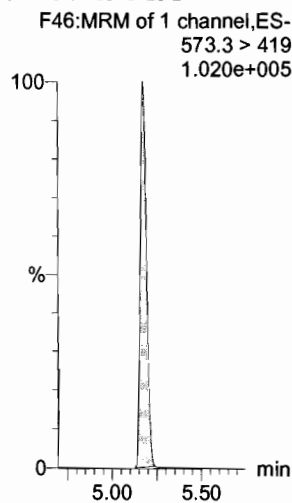
13C2-PFDA



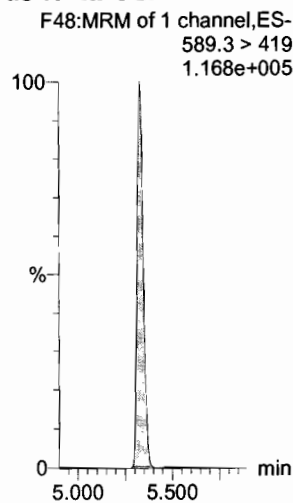
13C2-8:2 FTS



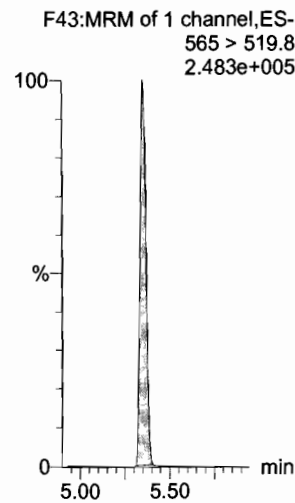
d3-N-MeFOSAA



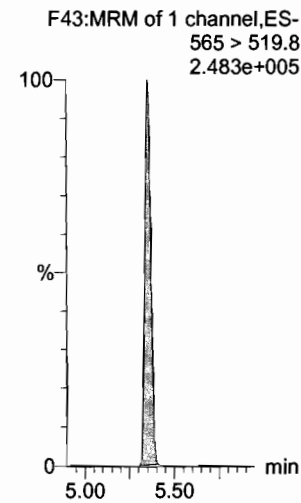
d5-N-EtFOSAA



13C2-PFUdA



13C2-PFUDa



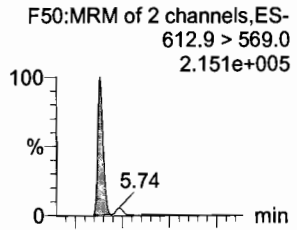
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Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

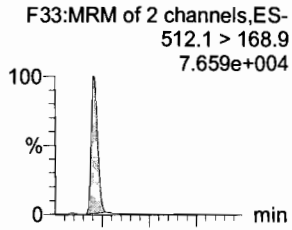
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Name: 180110M3_6, Date: 11-Jan-2018, Time: 10:18:46, ID: ST180110M3-5 PFC CS2 17L2610, Description: PFC CS2 17L2610

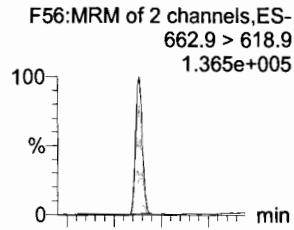
PFD_oA



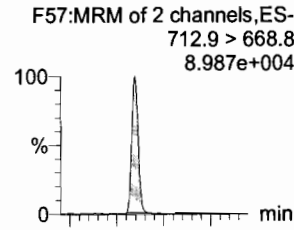
N-MeFOSA



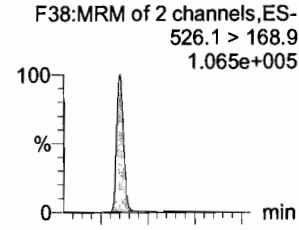
PFT_rDA



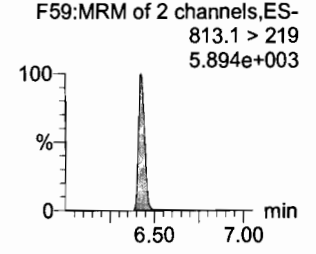
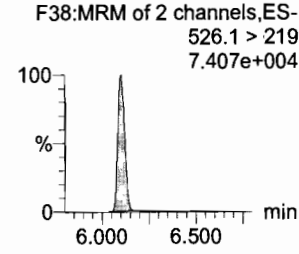
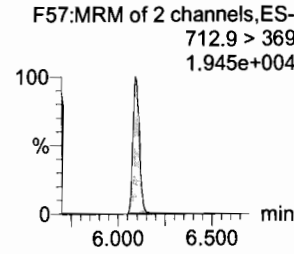
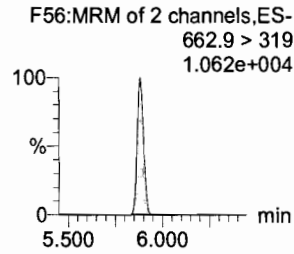
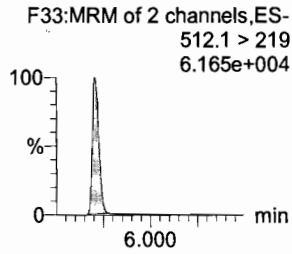
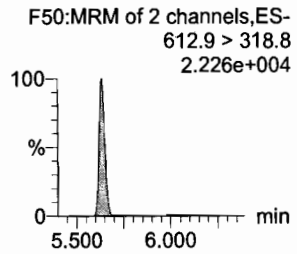
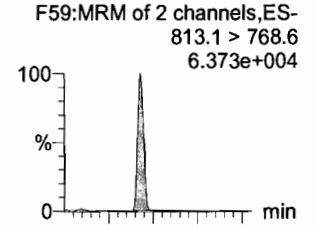
PFT_eDA



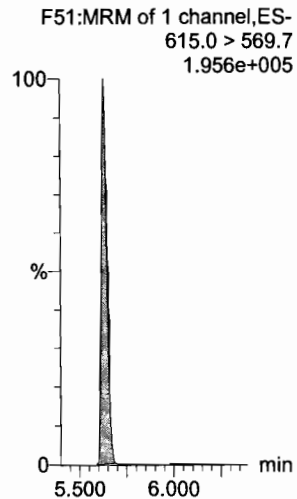
N-EtFOSA



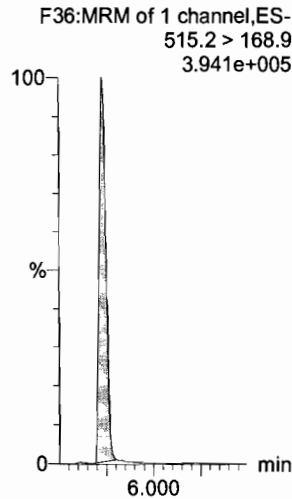
PFH_xDA



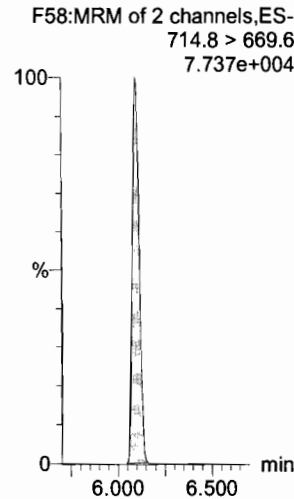
13C2-PFD_oA



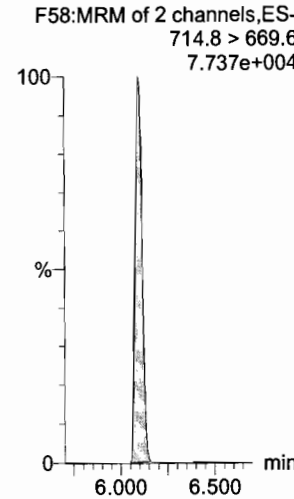
d3-N-MeFOSA



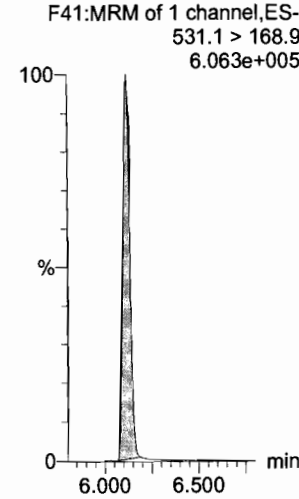
13C2-PFT_rDA



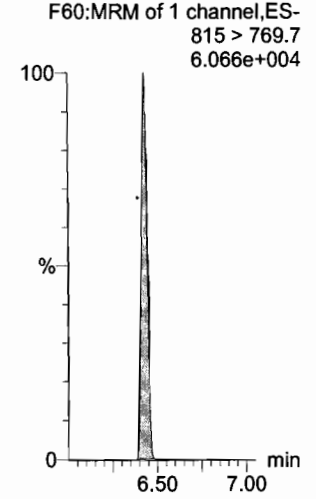
13C2-PFT_eDA



d5-N-ETFOA



13C2-PFH_xDA

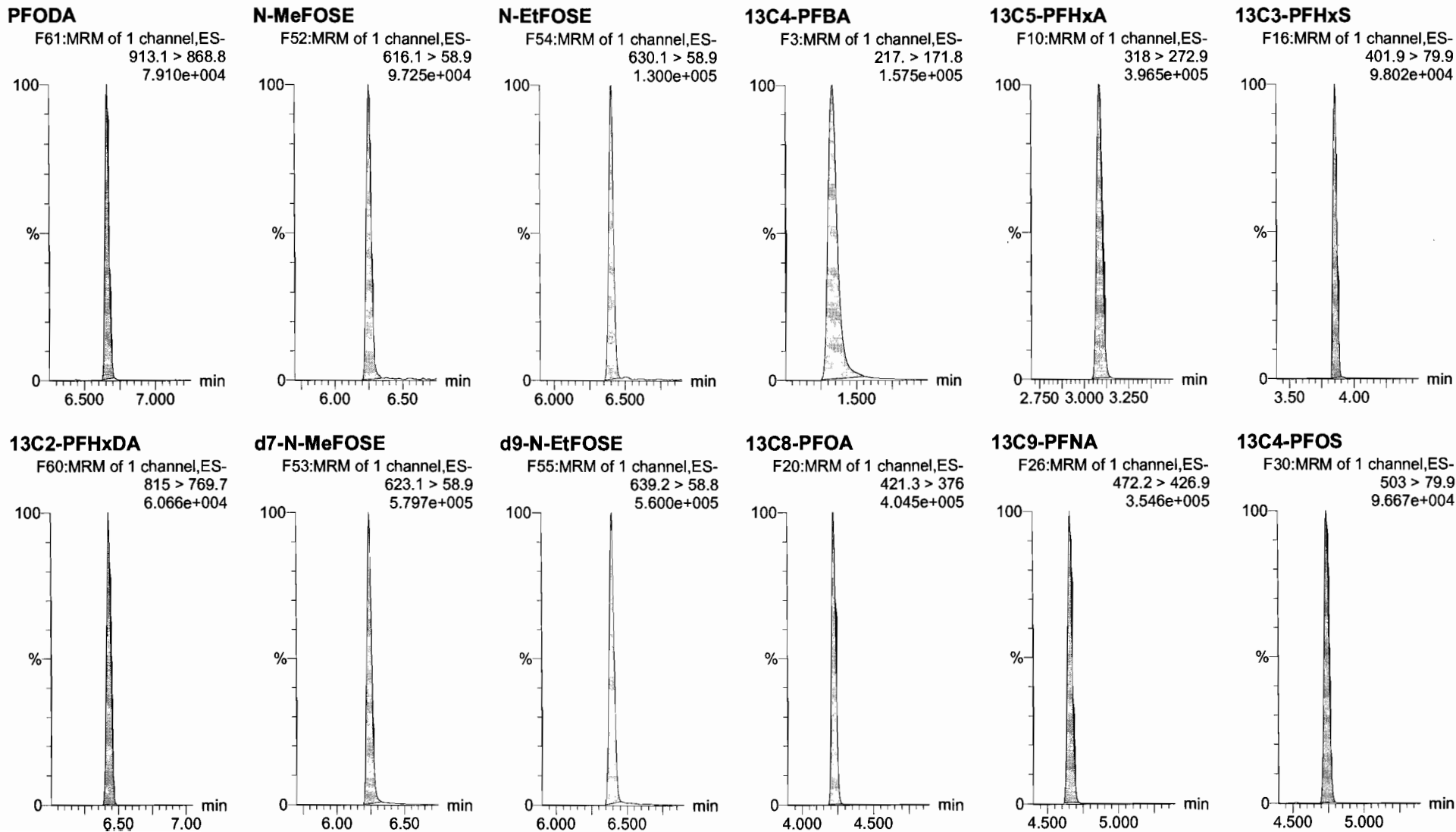


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Printed: Thursday, January 11, 2018 14:28:58 Pacific Standard Time

Name: 180110M3_6, Date: 11-Jan-2018, Time: 10:18:46, ID: ST180110M3-5 PFC CS2 17L2610, Description: PFC CS2 17L2610



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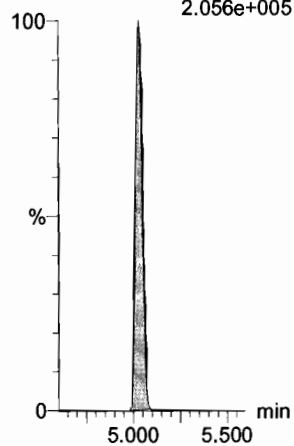
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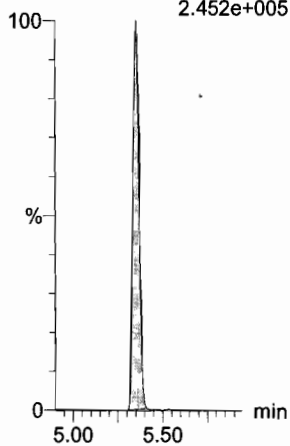
13C6-PFDA

F37:MRM of 1 channel, ES-
519.1 > 473.7
2.056e+005



13C7-PFUdA

F45:MRM of 1 channel, ES-
570.1 > 524.8
2.452e+005



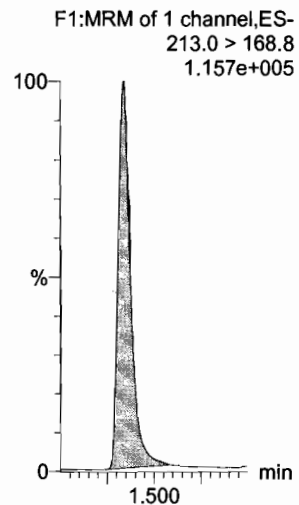
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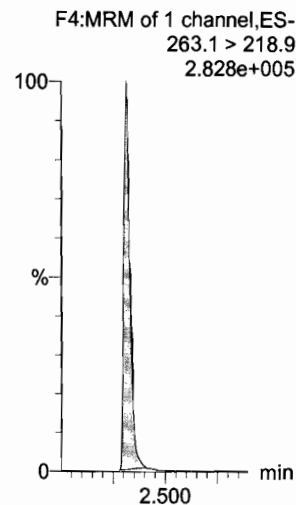
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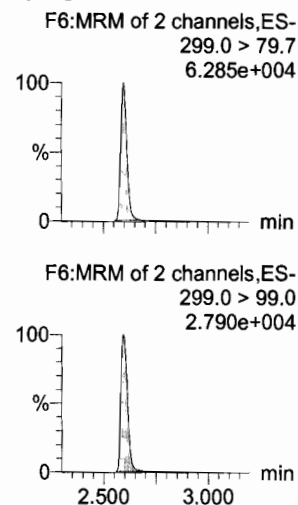
PFBA



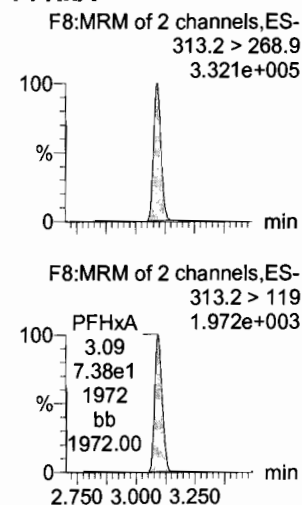
PFPeA



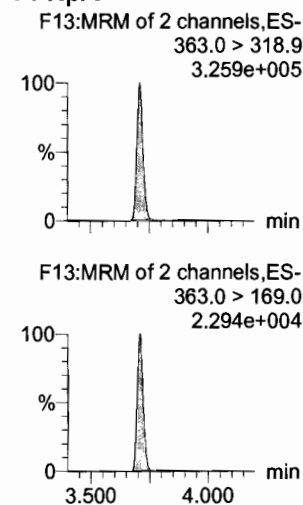
PFBS



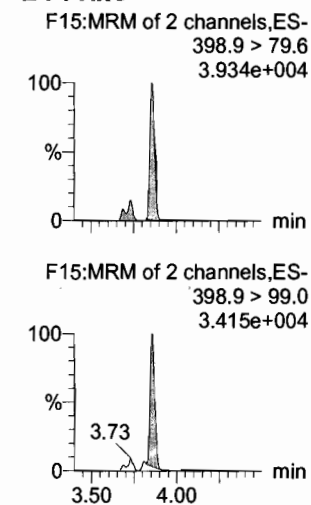
PFHxA



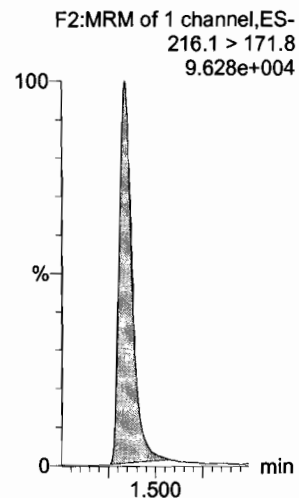
PFHpA



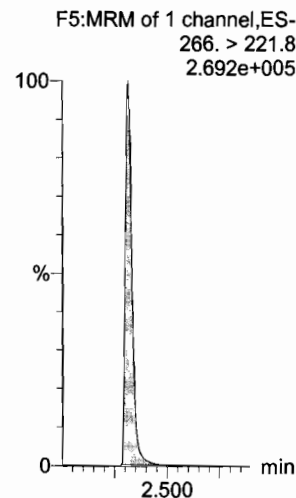
L-PFHxS



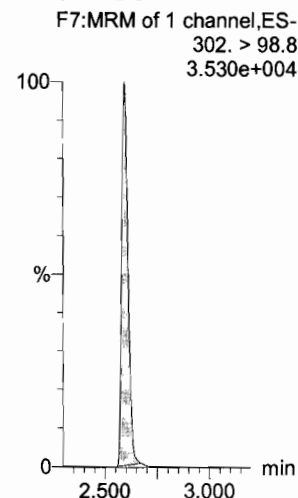
13C3-PFBA



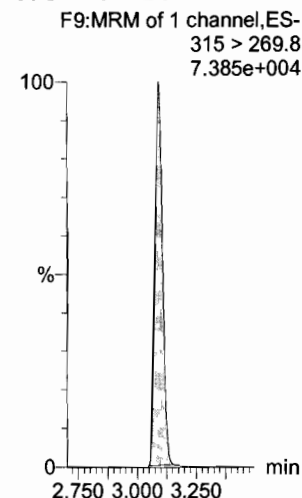
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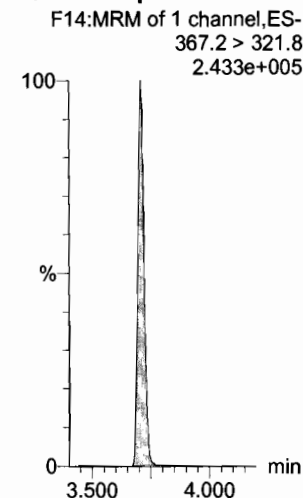
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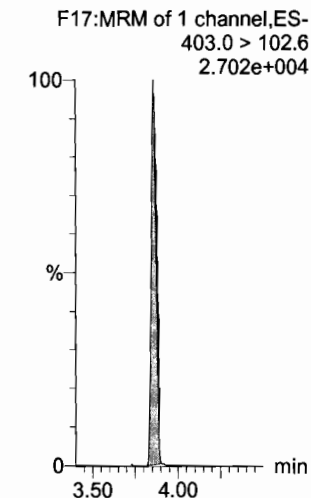
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13C4-PFHpA



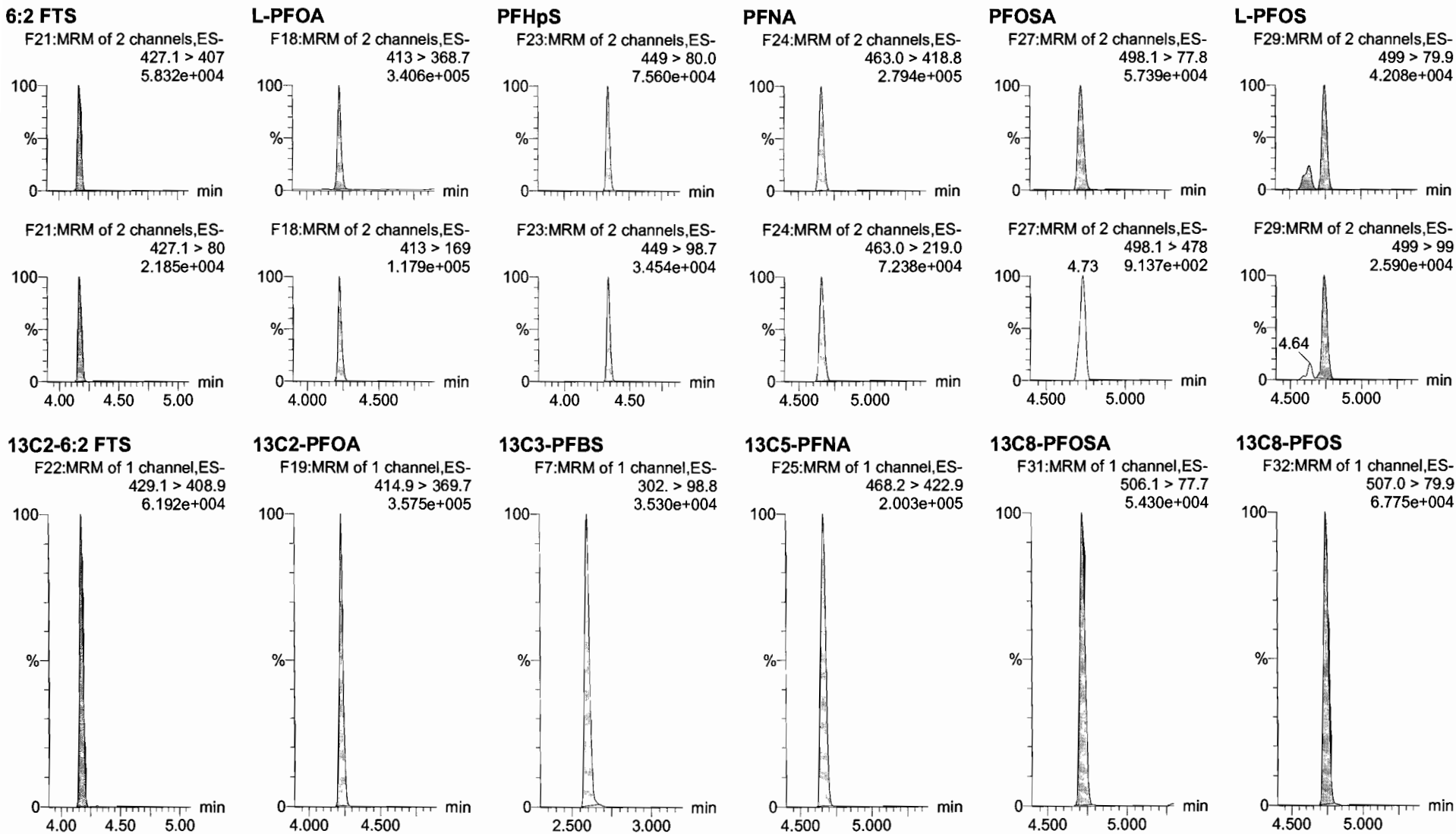
18O2-PFHxS



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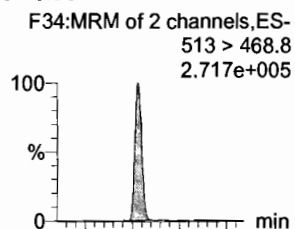


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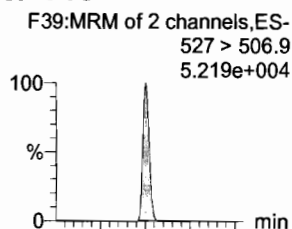
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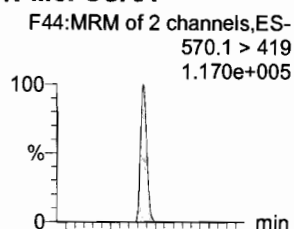
PFDA



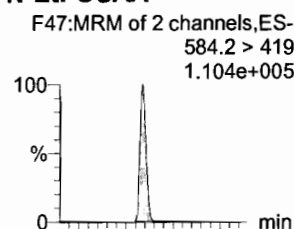
8:2 FTS



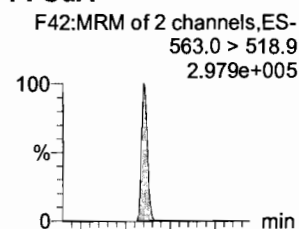
N-MeFOSAA



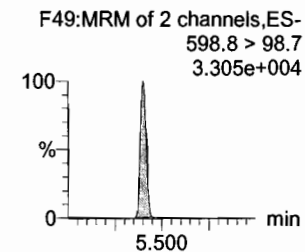
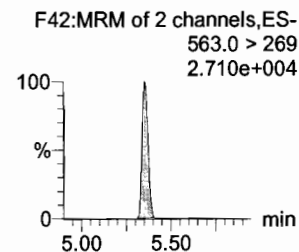
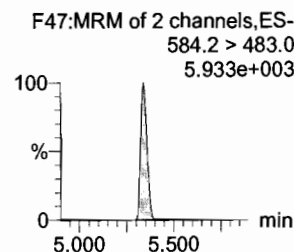
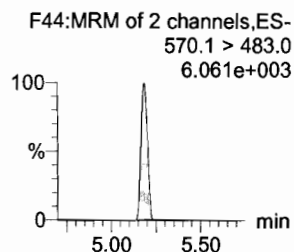
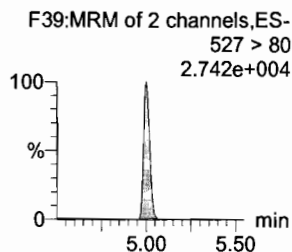
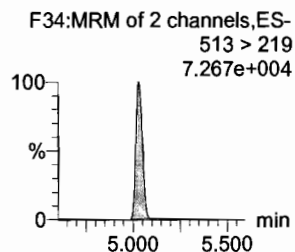
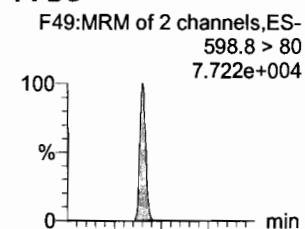
N-EtFOSAA



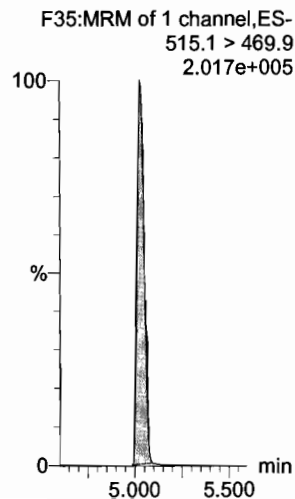
PFUdA



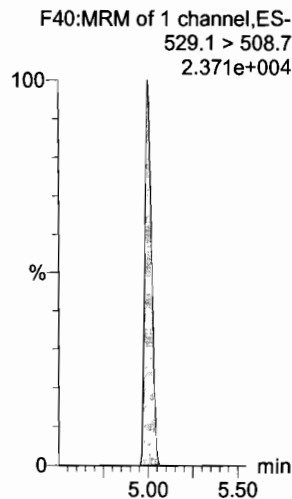
PFDS



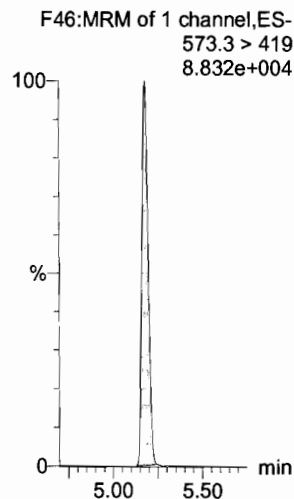
13C2-PFDA



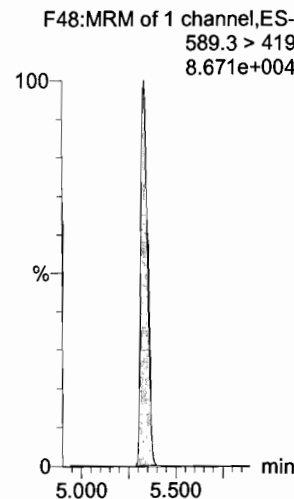
13C2-8:2 FTS



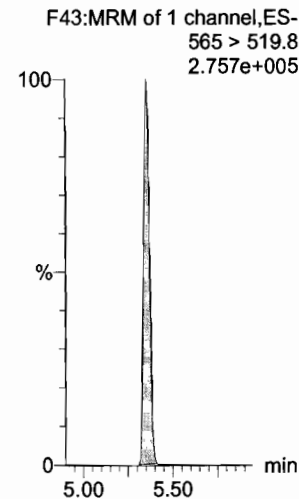
d3-N-MeFOSAA



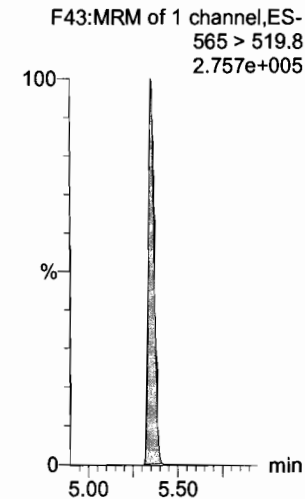
d5-N-EtFOSAA



13C2-PFUdA



13C2-PFUDa



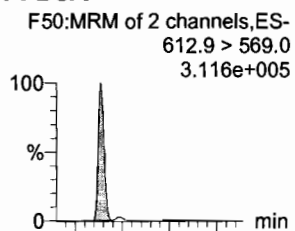
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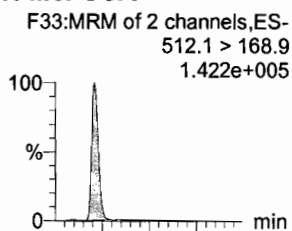
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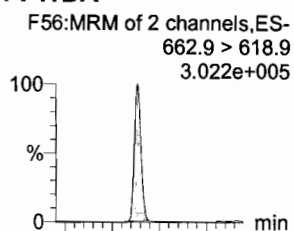
PFD_oA



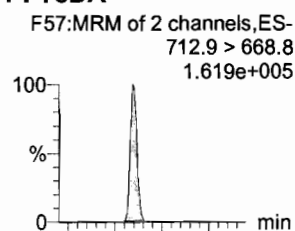
N-MeFOSA



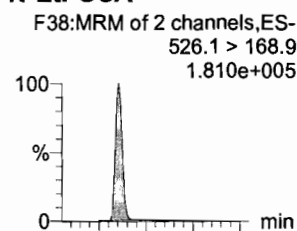
PFT_rDA



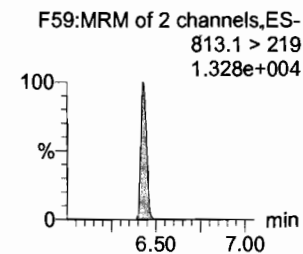
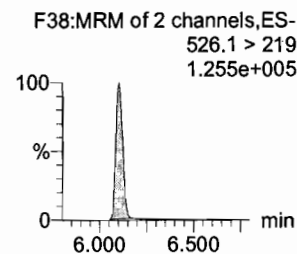
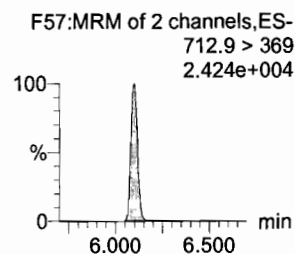
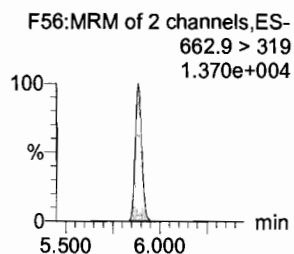
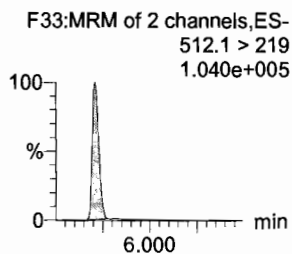
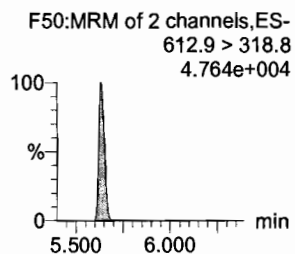
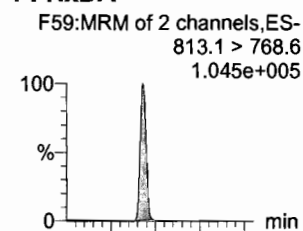
PFT_eDA



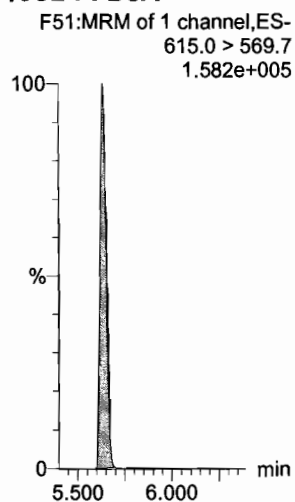
N-EtFOSA



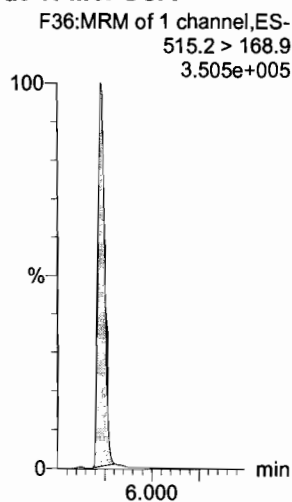
PFH_xDA



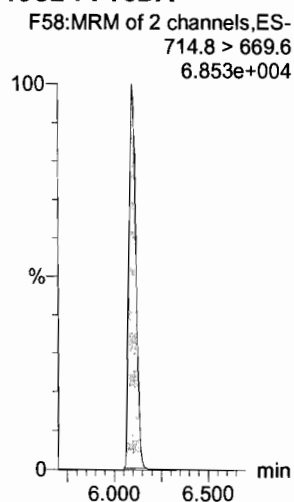
13C₂-PFD_oA



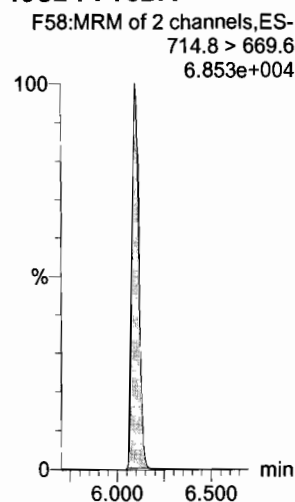
d₃-N-MeFOSA



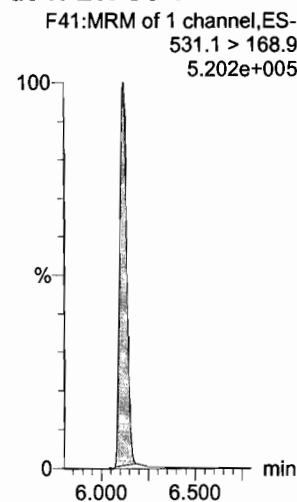
13C₂-PFT_rDA



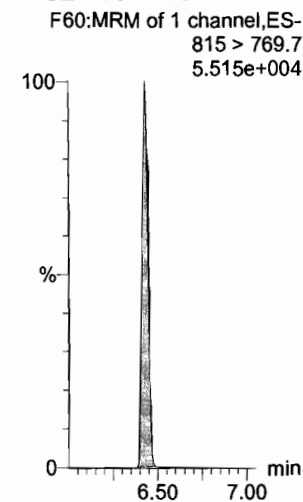
13C₂-PFT_eDA



d₅-N-ETFOSA



13C₂-PFH_xDA

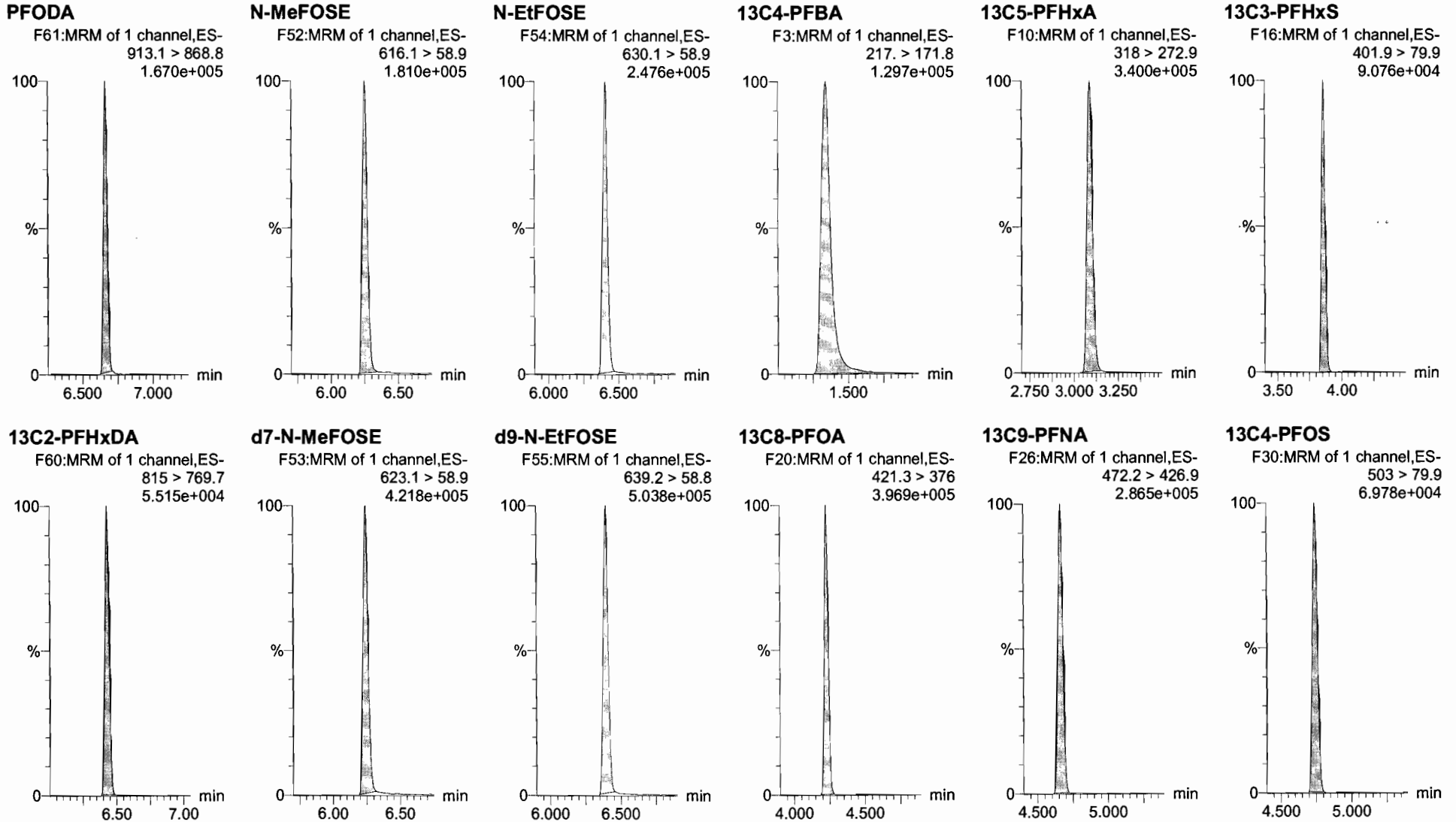


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Name: 180110M3_7, Date: 11-Jan-2018, Time: 10:29:56, ID: ST180110M3-6 PFC CS3 17L2611, Description: PFC CS3 17L2611



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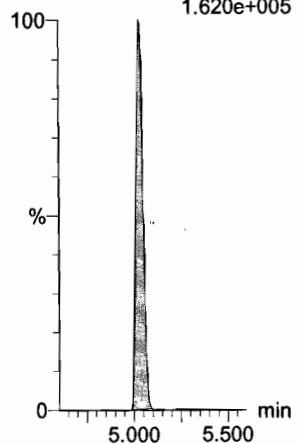
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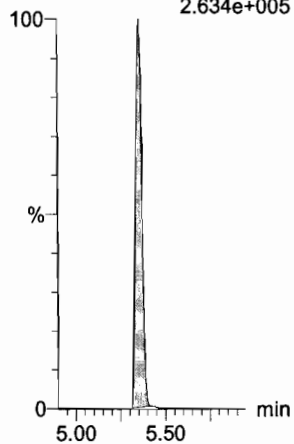
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
1.620e+005



13C7-PFUdA

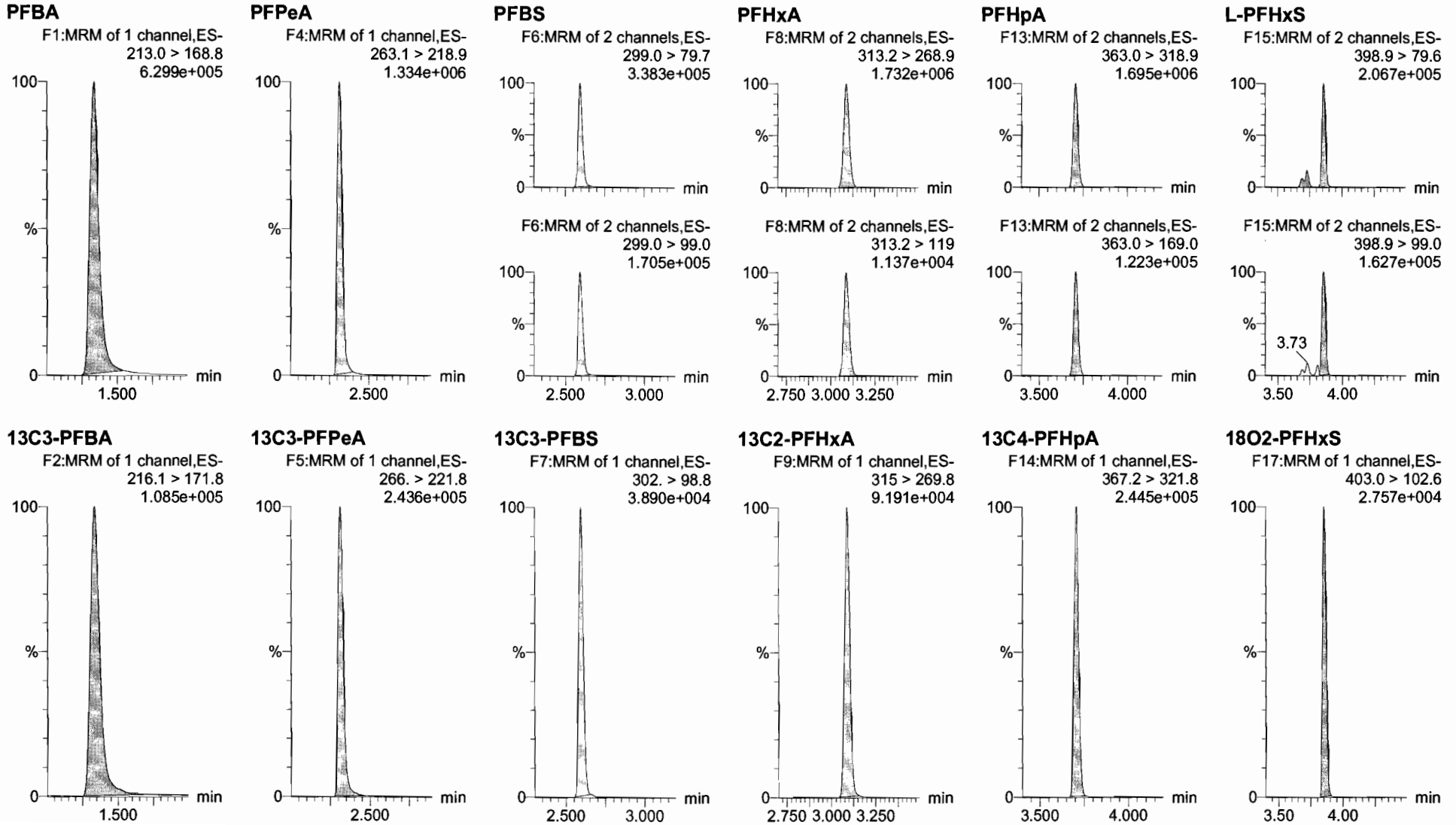
F45:MRM of 1 channel,ES-
570.1 > 524.8
2.634e+005



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

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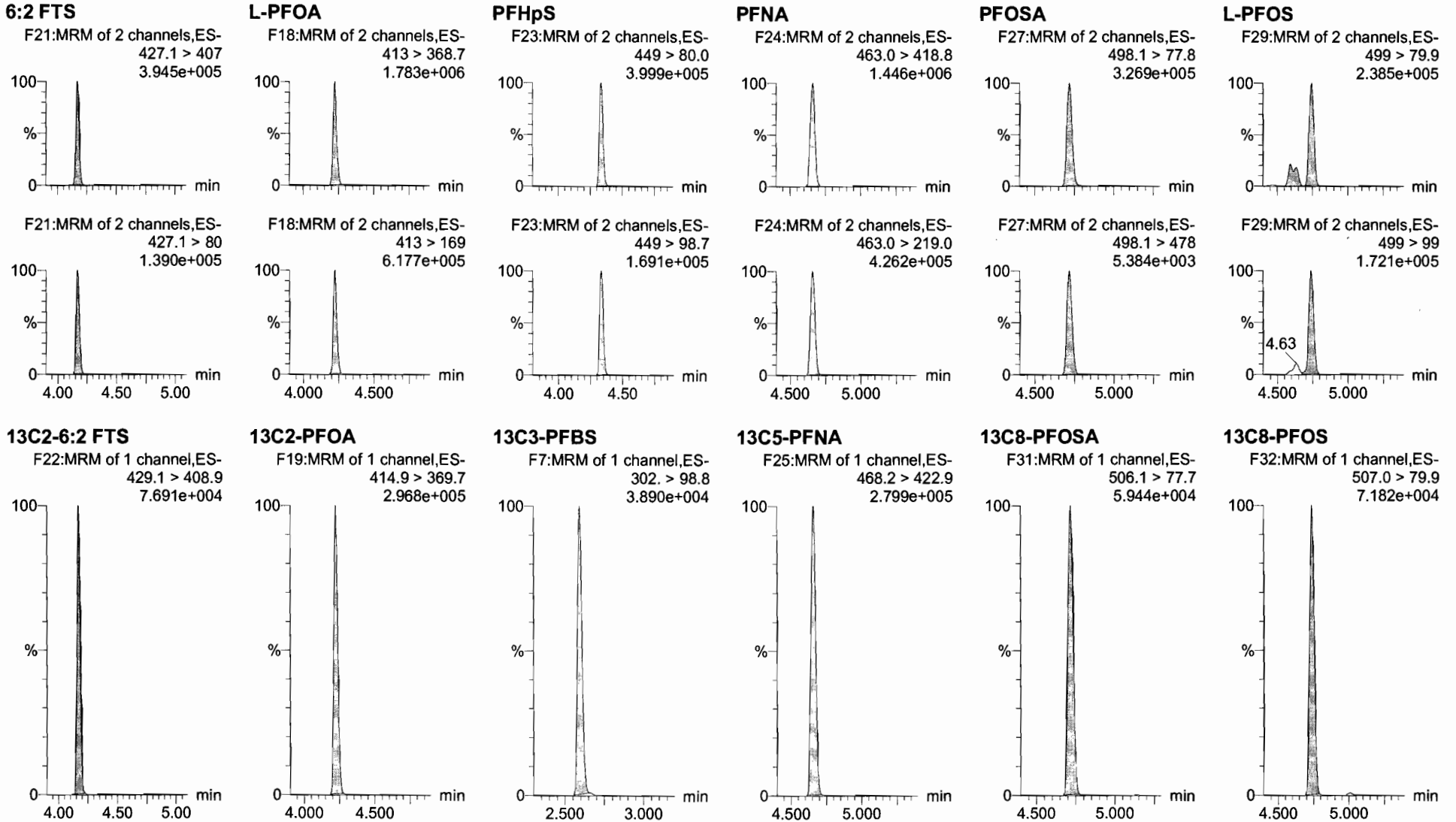
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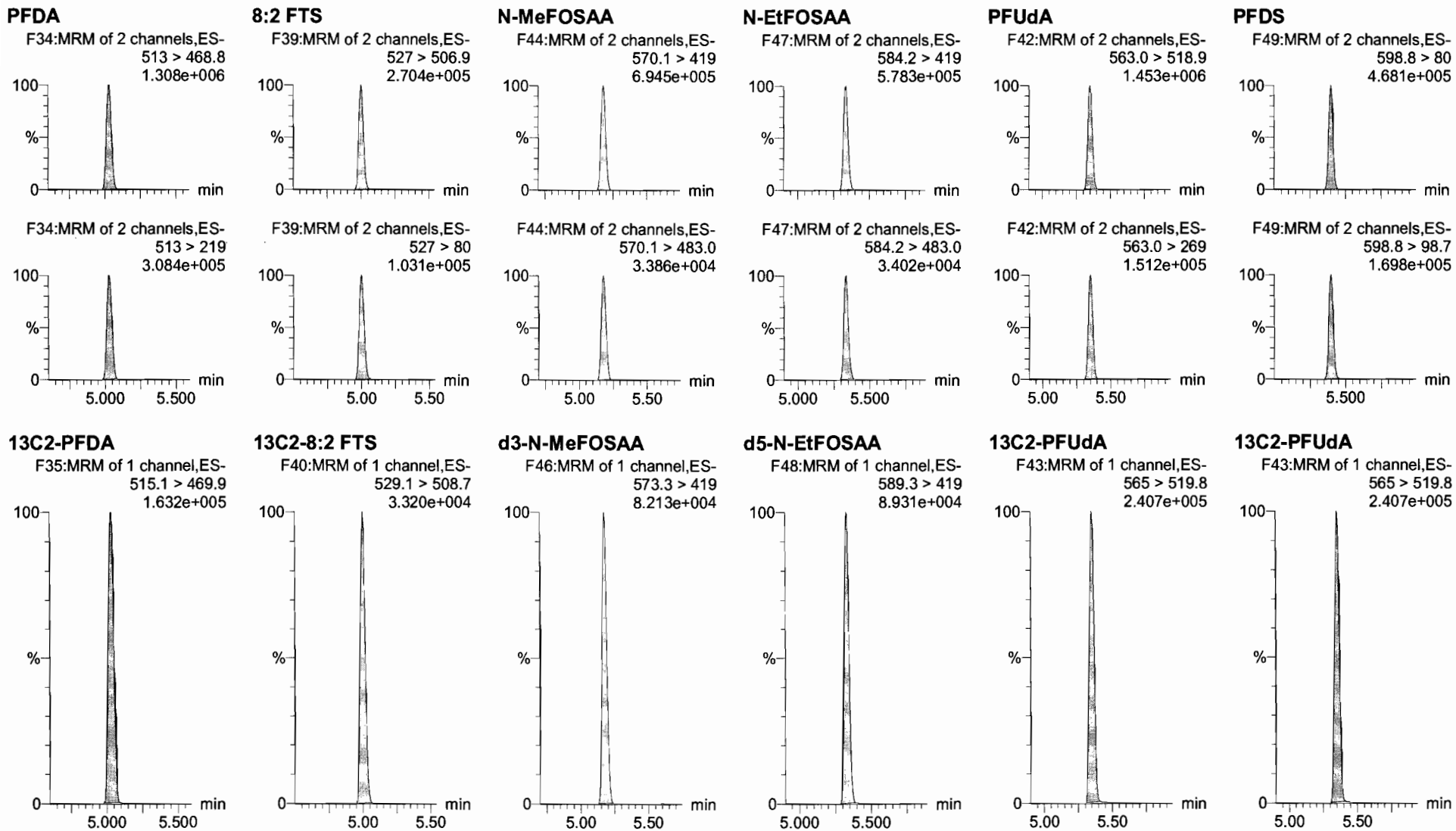
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Printed: Thursday, January 11, 2018 14:28:58 Pacific Standard Time

Name: 180110M3_8, Date: 11-Jan-2018, Time: 10:41:06, ID: ST180110M3-7 PFC CS4 17L2612, Description: PFC CS4 17L2612

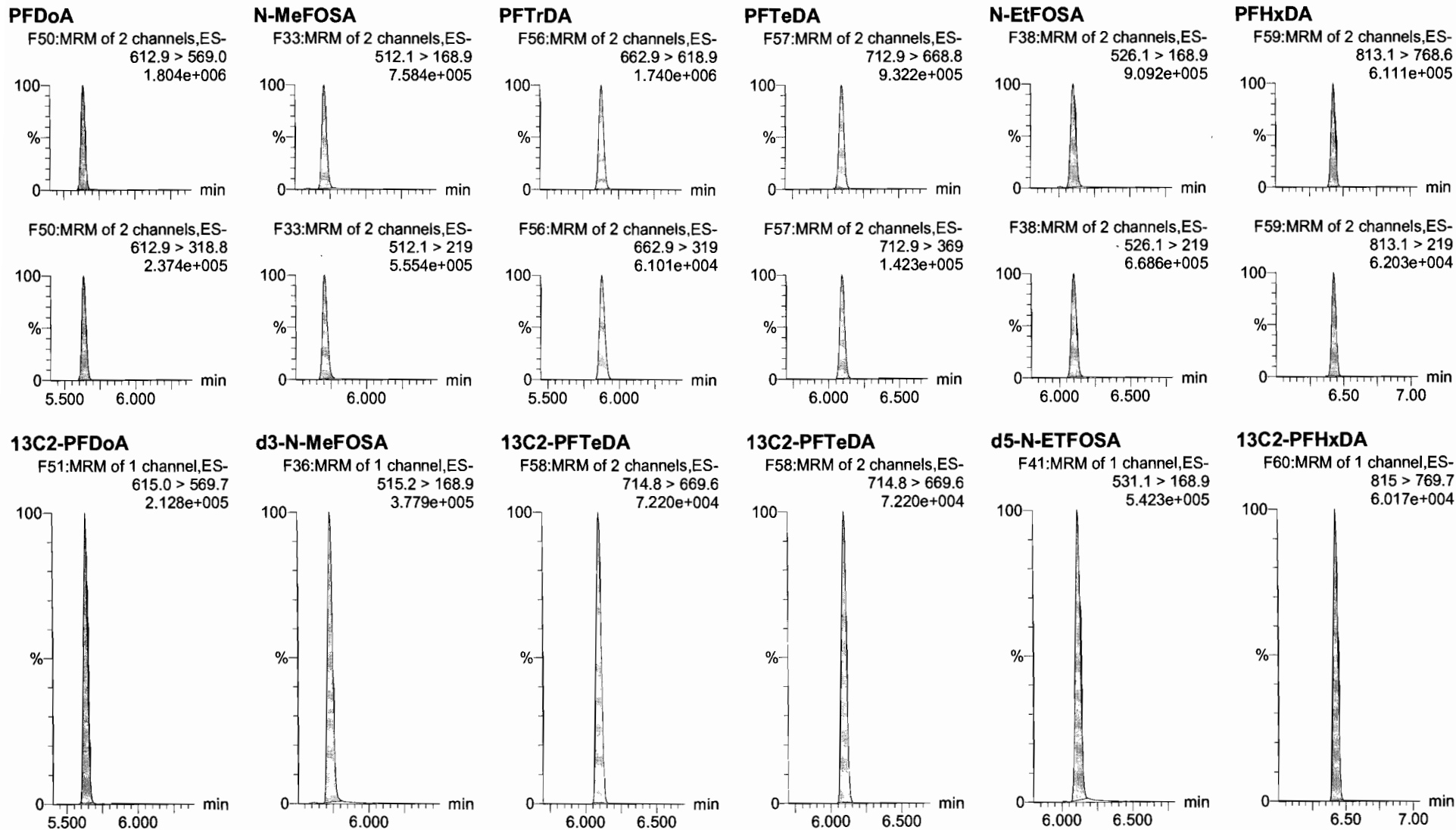


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Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:28:58 Pacific Standard Time

Name: 180110M3_8, Date: 11-Jan-2018, Time: 10:41:06, ID: ST180110M3-7 PFC CS4 17L2612, Description: PFC CS4 17L2612



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

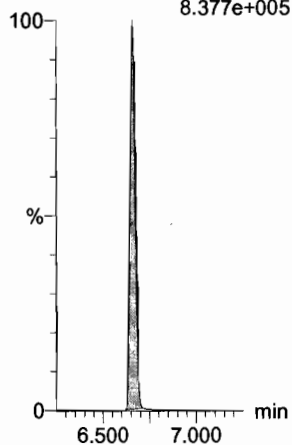
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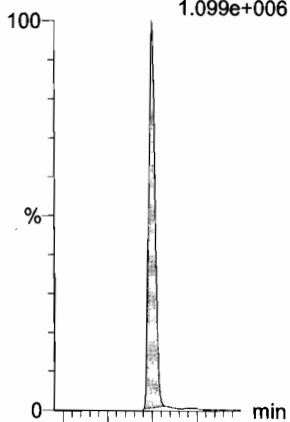
PFODA

F61:MRM of 1 channel,ES-
913.1 > 868.8
8.377e+005



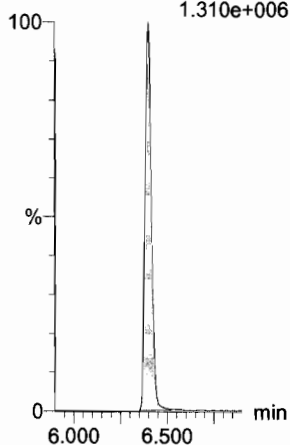
N-MeFOSE

F52:MRM of 1 channel,ES-
616.1 > 58.9
1.099e+006



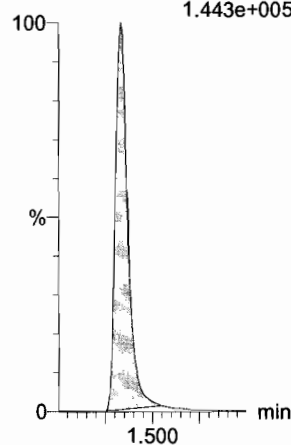
N-EtFOSE

F54:MRM of 1 channel,ES-
630.1 > 58.9
1.310e+006



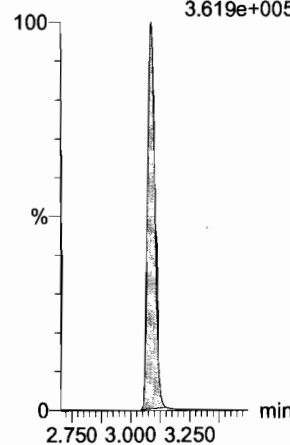
13C4-PFBA

F3:MRM of 1 channel,ES-
217. > 171.8
1.443e+005



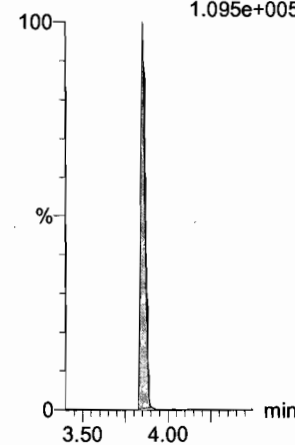
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
3.619e+005



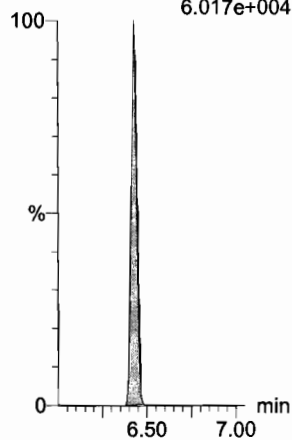
13C3-PFHxS

F16:MRM of 1 channel,ES-
401.9 > 79.9
1.095e+005



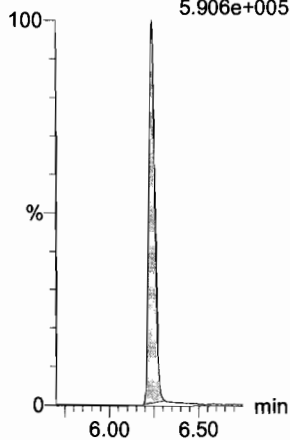
13C2-PFHxDA

F60:MRM of 1 channel,ES-
815 > 769.7
6.017e+004



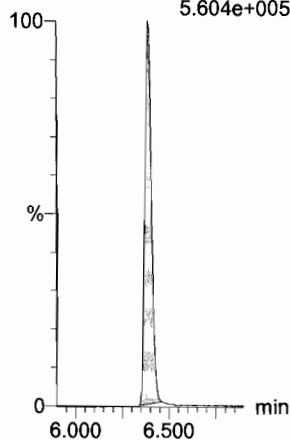
d7-N-MeFOSE

F53:MRM of 1 channel,ES-
623.1 > 58.9
5.906e+005



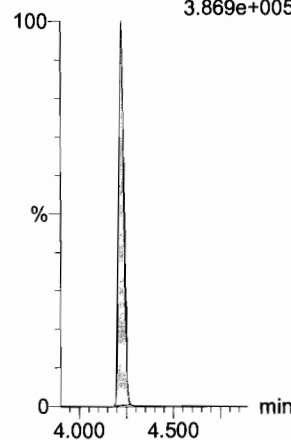
d9-N-EtFOSE

F55:MRM of 1 channel,ES-
639.2 > 58.8
5.604e+005



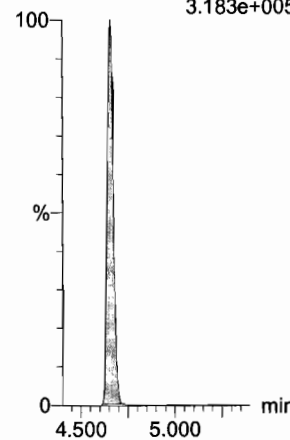
13C8-PFOA

F20:MRM of 1 channel,ES-
421.3 > 376
3.869e+005



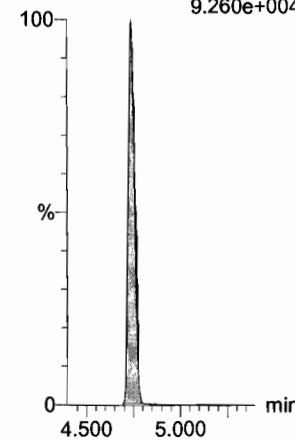
13C9-PFNA

F26:MRM of 1 channel,ES-
472.2 > 426.9
3.183e+005



13C4-PFOS

F30:MRM of 1 channel,ES-
503 > 79.9
9.260e+004



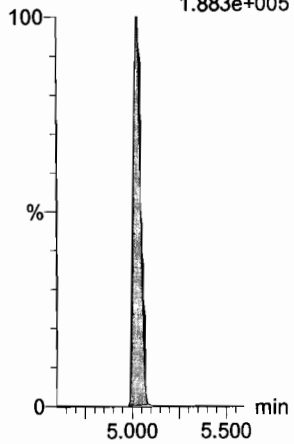
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Name: 180110M3_8, Date: 11-Jan-2018, Time: 10:41:06, ID: ST180110M3-7 PFC CS4 17L2612, Description: PFC CS4 17L2612

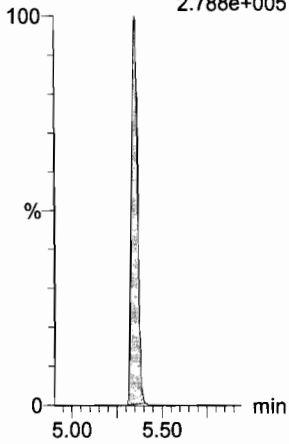
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
1.883e+005



13C7-PFUDa

F45:MRM of 1 channel,ES-
570.1 > 524.8
2.788e+005



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

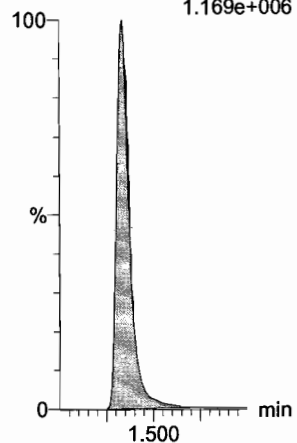
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Name: 180110M3_9, Date: 11-Jan-2018, Time: 10:52:18, ID: ST180110M3-8 PFC CS5 17L2613, Description: PFC CS5 17L2613

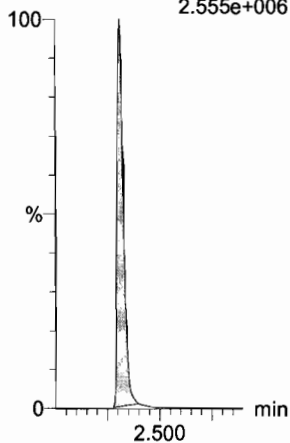
PFBA

F1:MRM of 1 channel,ES-
213.0 > 168.8
1.169e+006



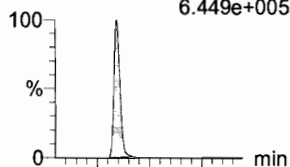
PFPeA

F4:MRM of 1 channel,ES-
263.1 > 218.9
2.555e+006

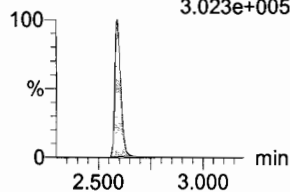


PFBS

F6:MRM of 2 channels,ES-
299.0 > 79.7
6.449e+005

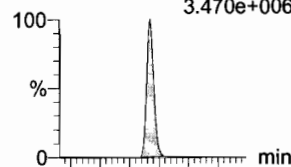


F6:MRM of 2 channels,ES-
299.0 > 99.0
3.023e+005

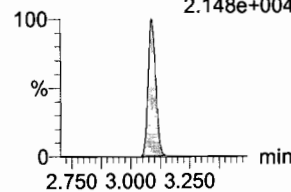


PFHxA

F8:MRM of 2 channels,ES-
313.2 > 268.9
3.470e+006

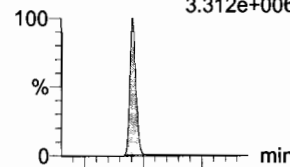


F8:MRM of 2 channels,ES-
313.2 > 119
2.148e+004

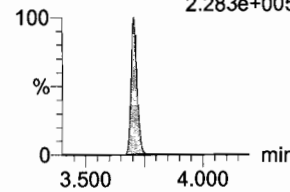


PFHpA

F13:MRM of 2 channels,ES-
363.0 > 318.9
3.312e+006

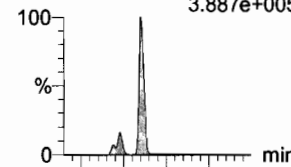


F13:MRM of 2 channels,ES-
363.0 > 169.0
2.283e+005

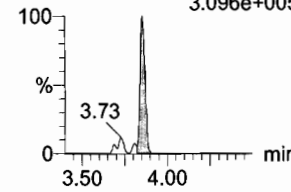


L-PFHxS

F15:MRM of 2 channels,ES-
398.9 > 79.6
3.887e+005

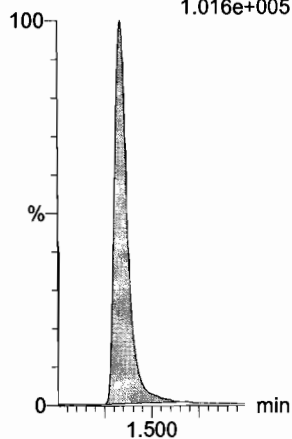


F15:MRM of 2 channels,ES-
398.9 > 99.0
3.096e+005



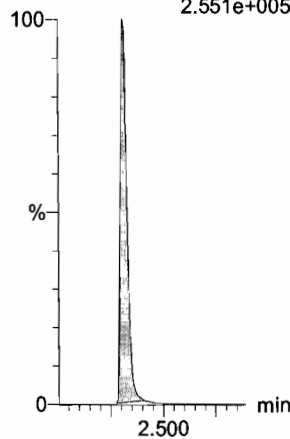
13C3-PFBA

F2:MRM of 1 channel,ES-
216.1 > 171.8
1.016e+005



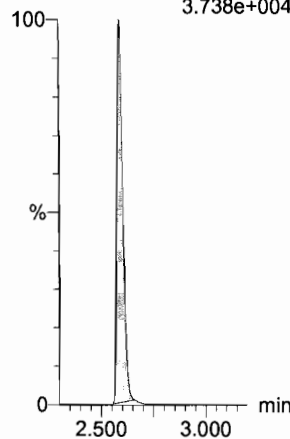
13C3-PFPeA

F5:MRM of 1 channel,ES-
266. > 221.8
2.551e+005



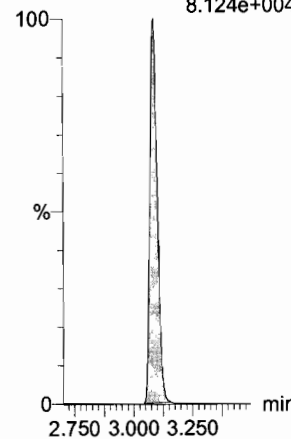
13C3-PFBS

F7:MRM of 1 channel,ES-
302. > 98.8
3.738e+004



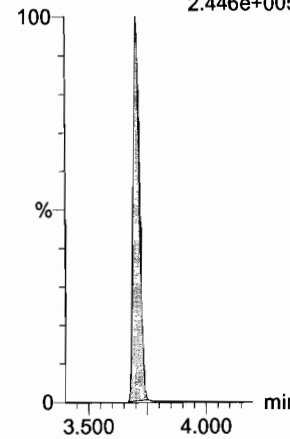
13C2-PFHxA

F9:MRM of 1 channel,ES-
315 > 269.8
8.124e+004



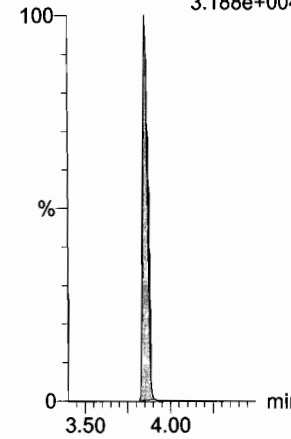
13C4-PFHpA

F14:MRM of 1 channel,ES-
367.2 > 321.8
2.446e+005



18O2-PFHxS

F17:MRM of 1 channel,ES-
403.0 > 102.6
3.188e+004



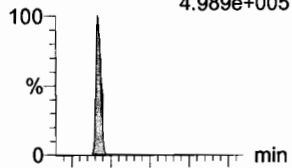
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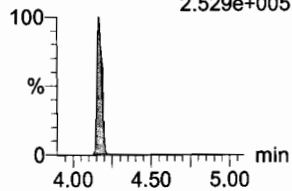
Name: 180110M3_9, Date: 11-Jan-2018, Time: 10:52:18, ID: ST180110M3-8 PFC CS5 17L2613, Description: PFC CS5 17L2613

6:2 FTS

F21:MRM of 2 channels,ES-
427.1 > 407
4.989e+005

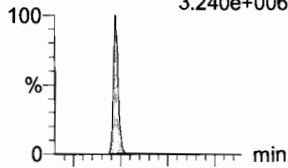


F21:MRM of 2 channels,ES-
427.1 > 80
2.529e+005

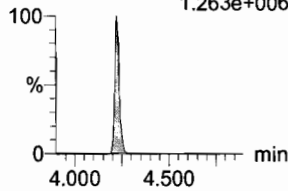


L-PFOA

F18:MRM of 2 channels,ES-
413 > 368.7
3.240e+006

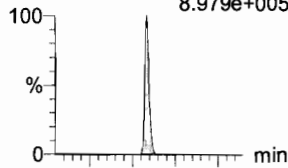


F18:MRM of 2 channels,ES-
413 > 169
1.263e+006

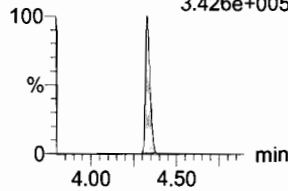


PFHpS

F23:MRM of 2 channels,ES-
449 > 80.0
8.979e+005

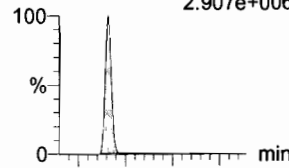


F23:MRM of 2 channels,ES-
449 > 98.7
3.426e+005

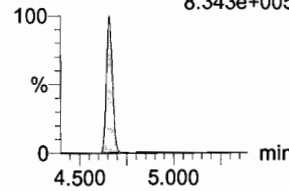


PFNA

F24:MRM of 2 channels,ES-
463.0 > 418.8
2.907e+006

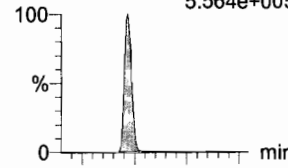


F24:MRM of 2 channels,ES-
463.0 > 219.0
8.343e+005

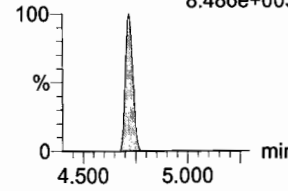


PFOSA

F27:MRM of 2 channels,ES-
498.1 > 77.8
5.564e+005

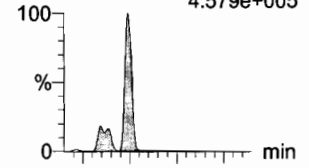


F27:MRM of 2 channels,ES-
498.1 > 478
8.486e+003

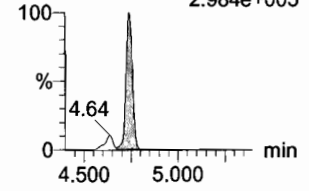


L-PFOS

F29:MRM of 2 channels,ES-
499 > 79.9
4.579e+005

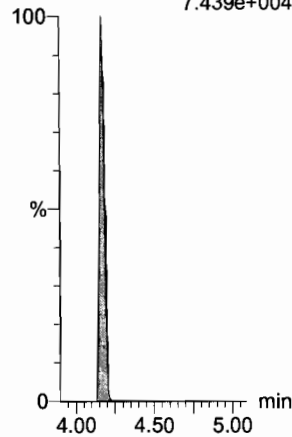


F29:MRM of 2 channels,ES-
499 > 99
2.984e+005



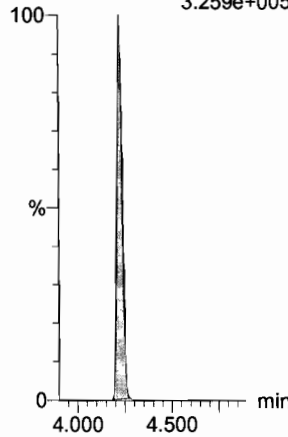
13C2-6:2 FTS

F22:MRM of 1 channel,ES-
429.1 > 408.9
7.439e+004



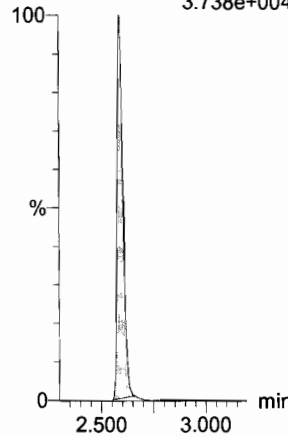
13C2-PFOA

F19:MRM of 1 channel,ES-
414.9 > 369.7
3.259e+005



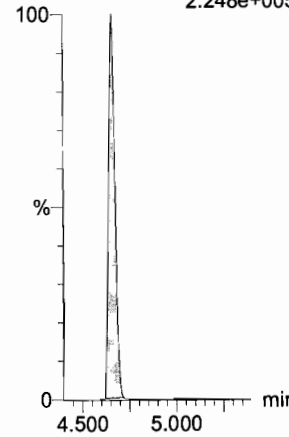
13C3-PFBS

F7:MRM of 1 channel,ES-
302. > 98.8
3.738e+004



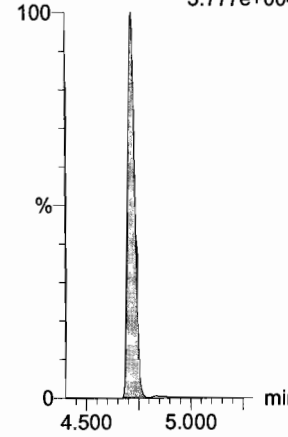
13C5-PFNA

F25:MRM of 1 channel,ES-
468.2 > 422.9
2.248e+005



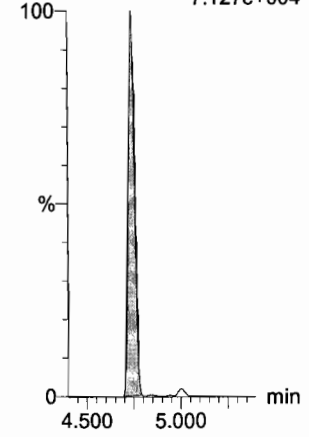
13C8-PFOA

F31:MRM of 1 channel,ES-
506.1 > 77.7
5.777e+004



13C8-PFOS

F32:MRM of 1 channel,ES-
507.0 > 79.9
7.127e+004



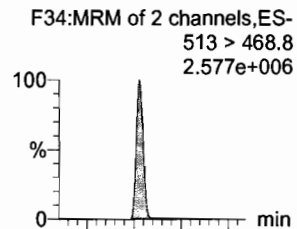
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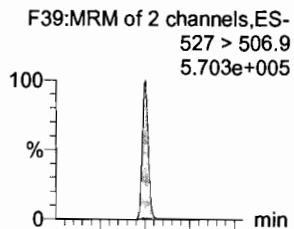
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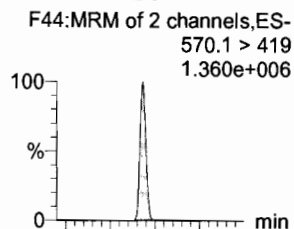
PFDA



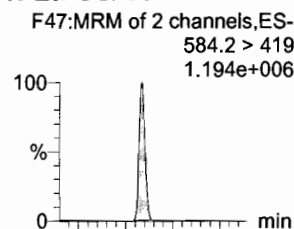
8:2 FTS



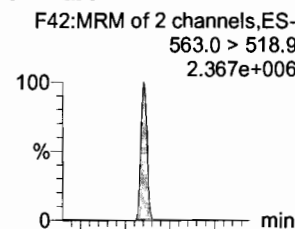
N-MeFOSAA



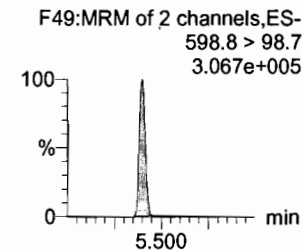
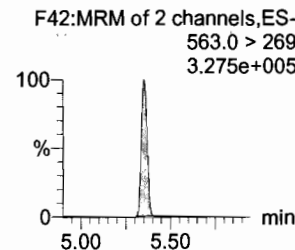
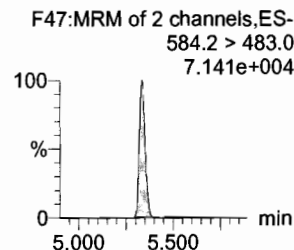
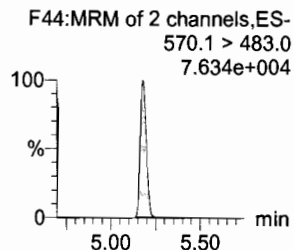
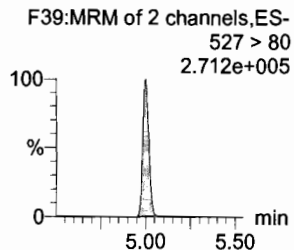
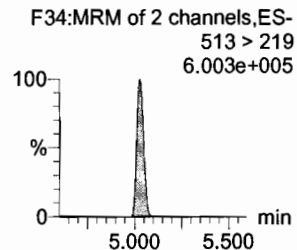
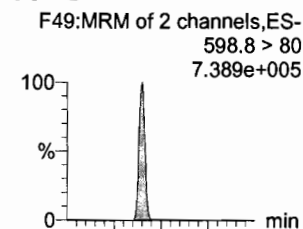
N-EtFOSAA



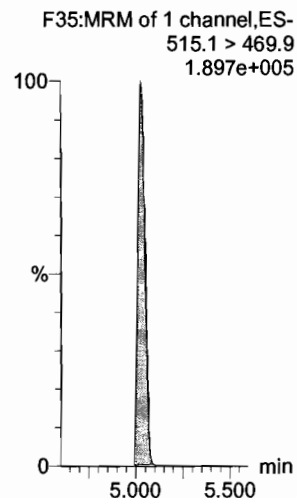
PFUdA



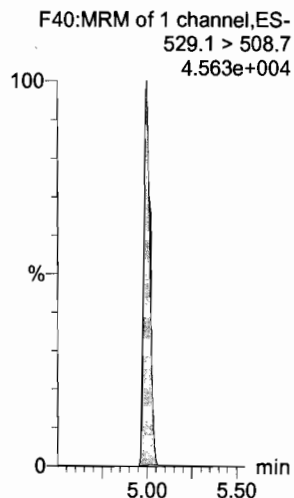
PFDS



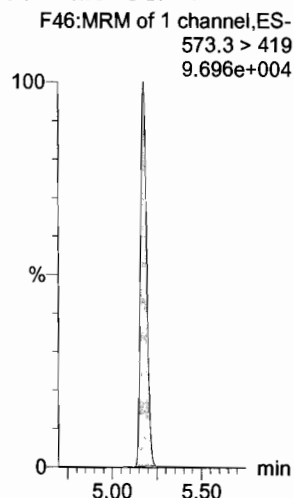
13C2-PFDA



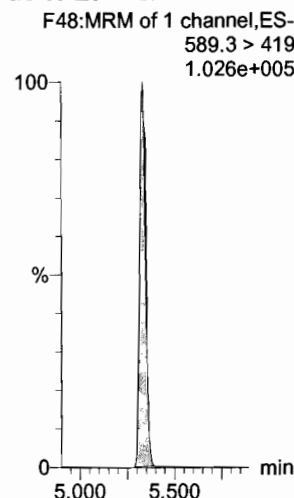
13C2-8:2 FTS



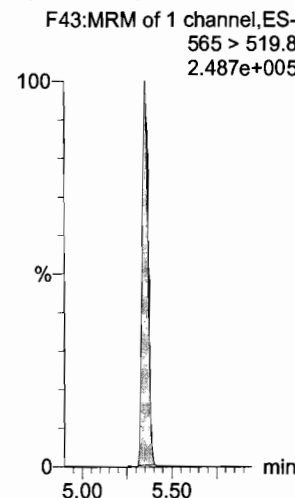
d3-N-MeFOSAA



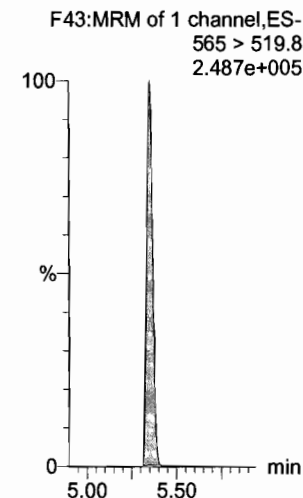
d5-N-EtFOSAA



13C2-PFUdA



13C2-PFUdA

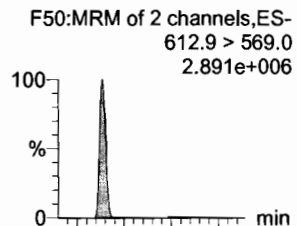


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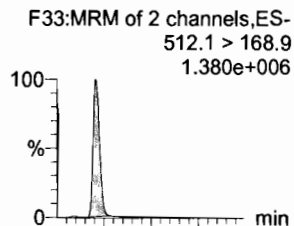
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Printed: Thursday, January 11, 2018 14:28:58 Pacific Standard Time

Name: 180110M3_9, Date: 11-Jan-2018, Time: 10:52:18, ID: ST180110M3-8 PFC CS5 17L2613, Description: PFC CS5 17L2613

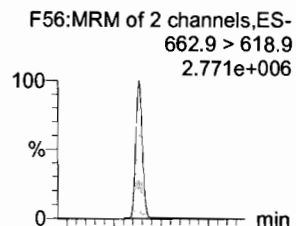
PFD_oA



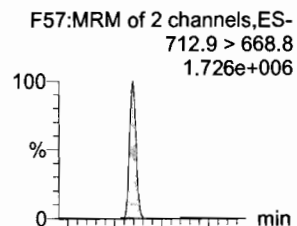
N-MeFOSA



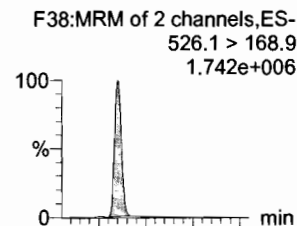
PFT_rDA



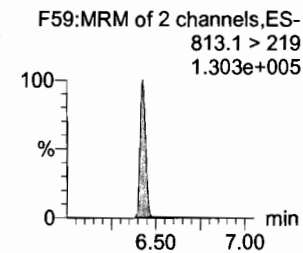
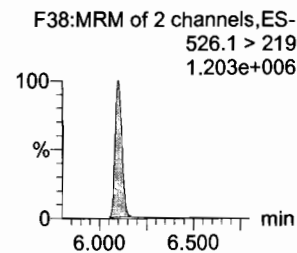
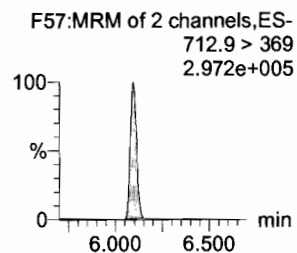
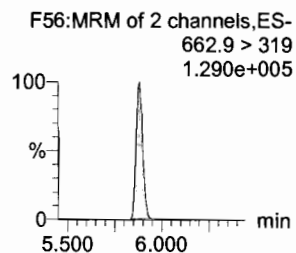
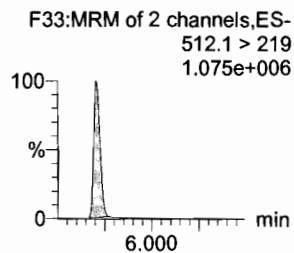
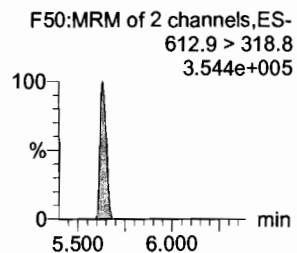
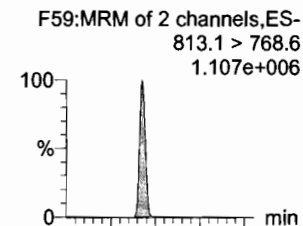
PFT_eDA



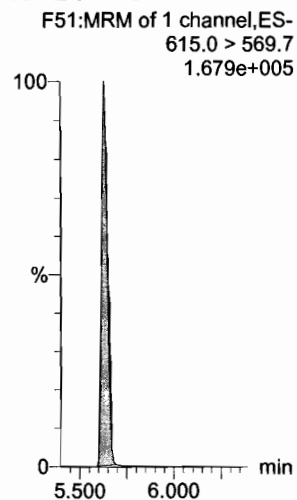
N-EtFOSA



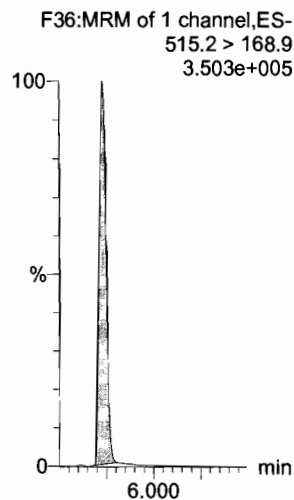
PFH_xDA



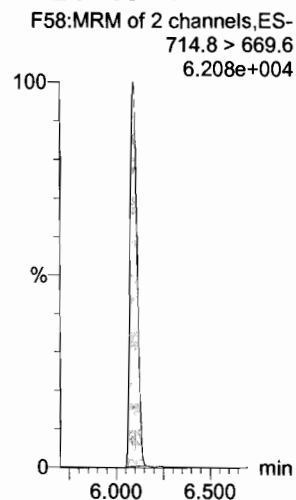
13C2-PFD_oA



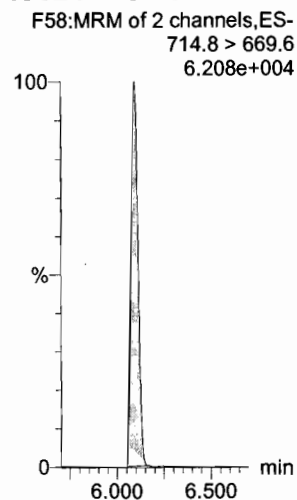
d3-N-MeFOSA



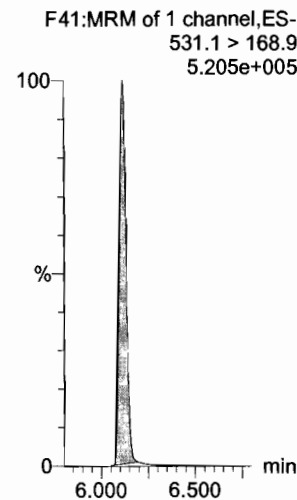
13C2-PFT_rDA



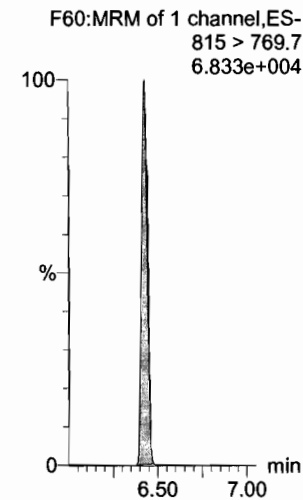
13C2-PFT_eDA



d5-N-ETFOSA



13C2-PFH_xDA



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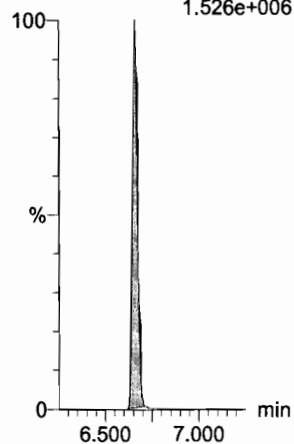
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Printed: Thursday, January 11, 2018 14:28:58 Pacific Standard Time

Name: 180110M3_9, Date: 11-Jan-2018, Time: 10:52:18, ID: ST180110M3-8 PFC CS5 17L2613, Description: PFC CS5 17L2613

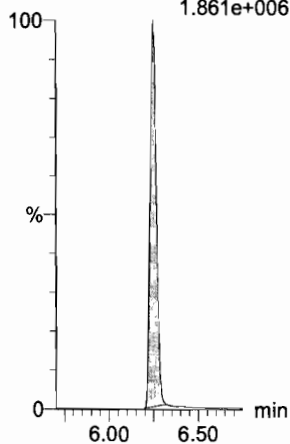
PFODA

F61:MRM of 1 channel,ES-
913.1 > 868.8
1.526e+006



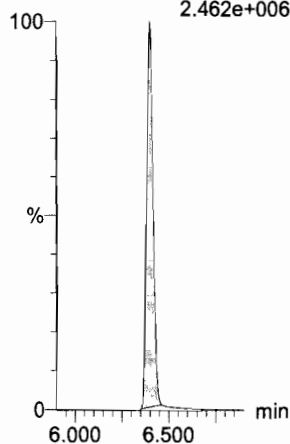
N-MeFOSE

F52:MRM of 1 channel,ES-
616.1 > 58.9
1.861e+006



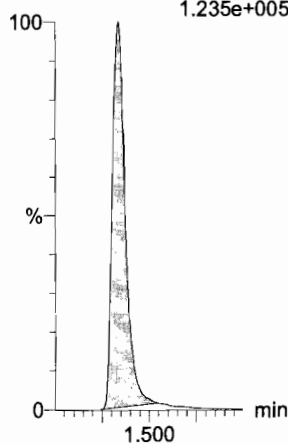
N-EtFOSE

F54:MRM of 1 channel,ES-
630.1 > 58.9
2.462e+006



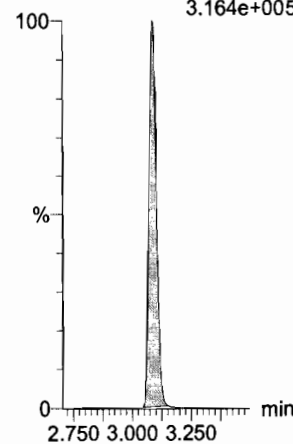
13C4-PFBA

F3:MRM of 1 channel,ES-
217. > 171.8
1.235e+005



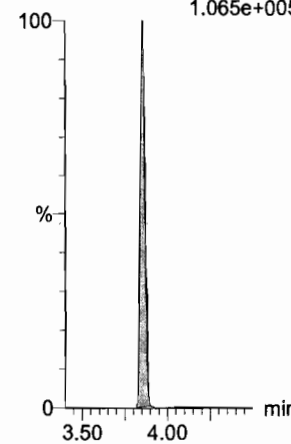
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
3.164e+005



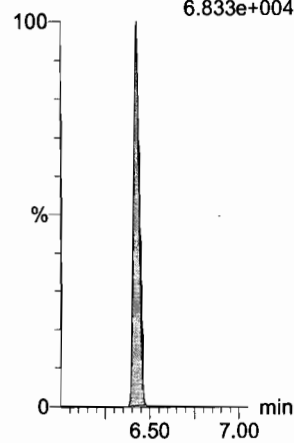
13C3-PFHxS

F16:MRM of 1 channel,ES-
401.9 > 79.9
1.065e+005



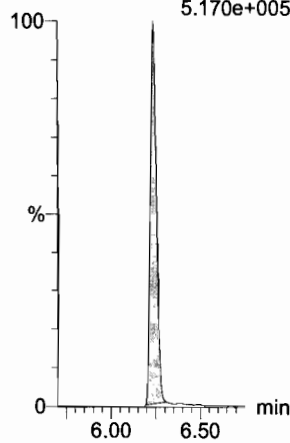
13C2-PFHxDa

F60:MRM of 1 channel,ES-
815 > 769.7
6.833e+004



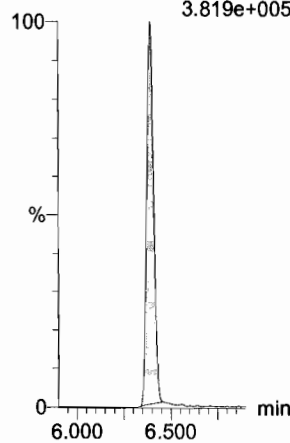
d7-N-MeFOSE

F53:MRM of 1 channel,ES-
623.1 > 58.9
5.170e+005



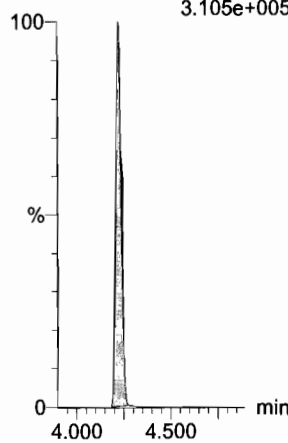
d9-N-EtFOSE

F55:MRM of 1 channel,ES-
639.2 > 58.8
3.819e+005



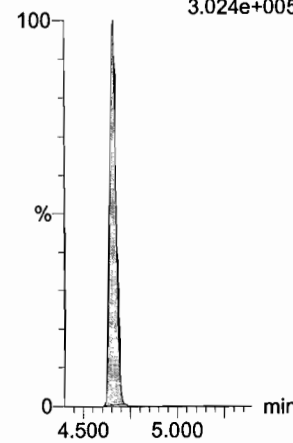
13C8-PFOA

F20:MRM of 1 channel,ES-
421.3 > 376
3.105e+005



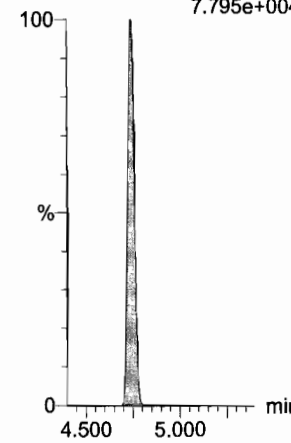
13C9-PFNA

F26:MRM of 1 channel,ES-
472.2 > 426.9
3.024e+005



13C4-PFOS

F30:MRM of 1 channel,ES-
503 > 79.9
7.795e+004



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

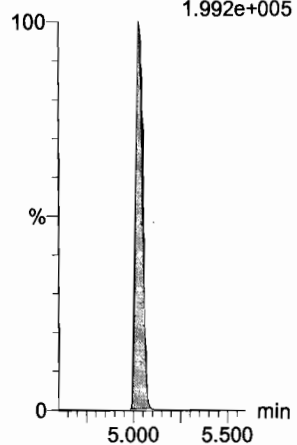
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Printed: Thursday, January 11, 2018 14:28:58 Pacific Standard Time

Name: 180110M3_9, Date: 11-Jan-2018, Time: 10:52:18, ID: ST180110M3-8 PFC CS5 17L2613, Description: PFC CS5 17L2613

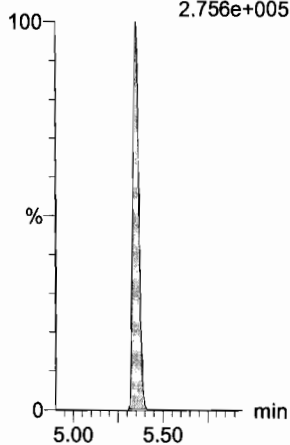
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
1.992e+005



13C7-PFUdA

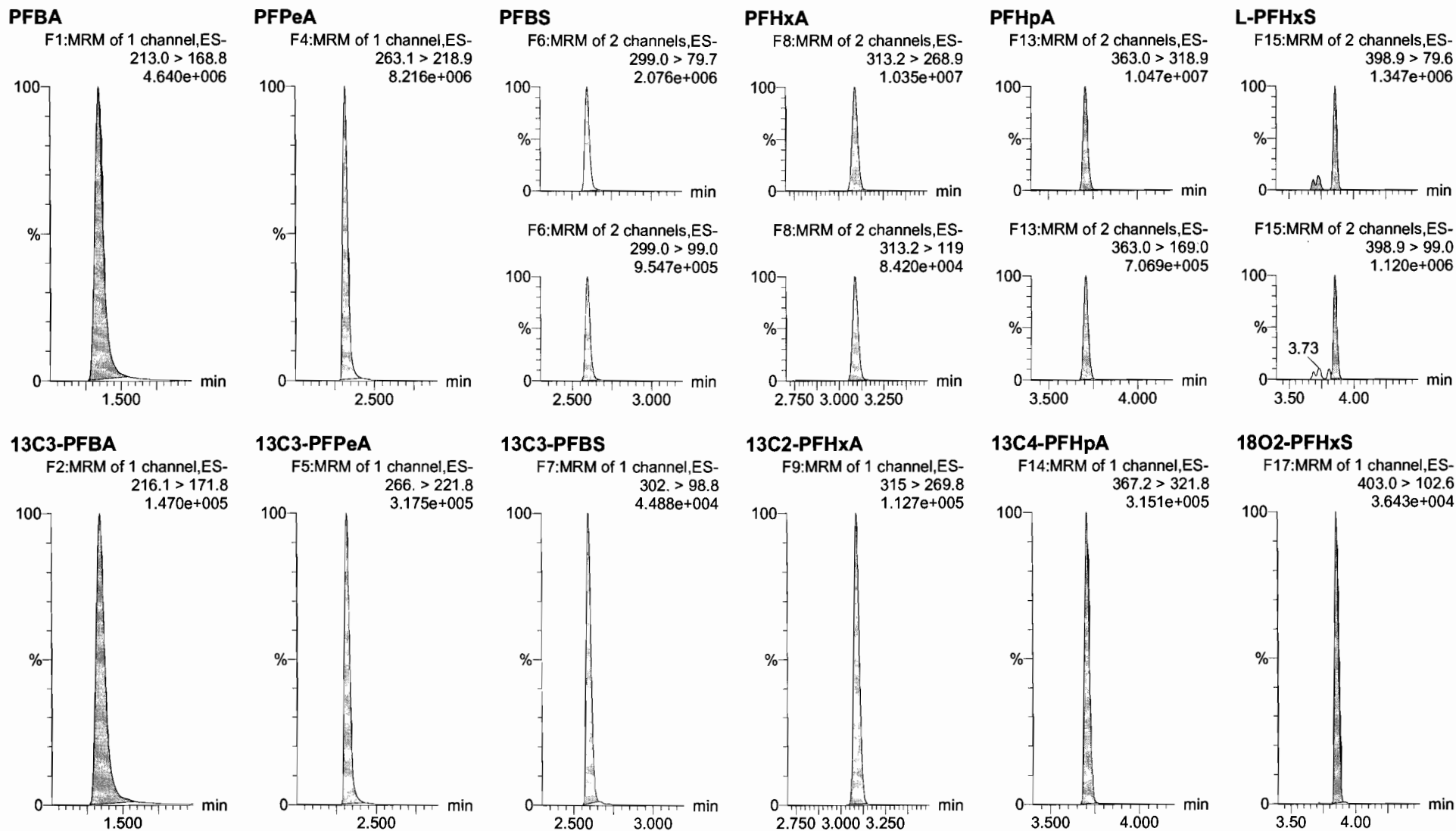
F45:MRM of 1 channel,ES-
570.1 > 524.8
2.756e+005



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time
Printed: Thursday, January 11, 2018 14:28:58 Pacific Standard Time

Name: 180110M3_10, Date: 11-Jan-2018, Time: 11:03:28, ID: ST180110M3-9 PFC CS6 17L2710, Description: PFC CS6 17L2710



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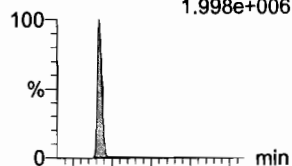
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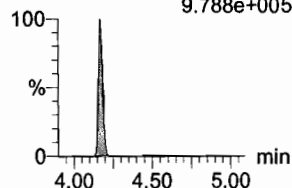
Name: 180110M3_10, Date: 11-Jan-2018, Time: 11:03:28, ID: ST180110M3-9 PFC CS6 17L2710, Description: PFC CS6 17L2710

6:2 FTS

F21:MRM of 2 channels,ES-
427.1 > 407
1.998e+006

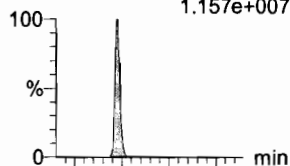


F21:MRM of 2 channels,ES-
427.1 > 80
9.788e+005

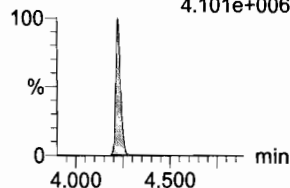


L-PFOA

F18:MRM of 2 channels,ES-
413 > 368.7
1.157e+007

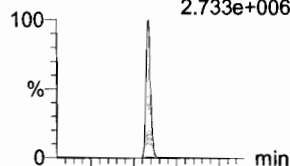


F18:MRM of 2 channels,ES-
413 > 169
4.101e+006

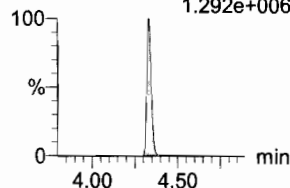


PFHpS

F23:MRM of 2 channels,ES-
449 > 80.0
2.733e+006

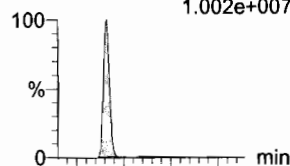


F23:MRM of 2 channels,ES-
449 > 98.7
1.292e+006

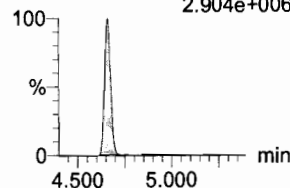


PFNA

F24:MRM of 2 channels,ES-
463.0 > 418.8
1.002e+007

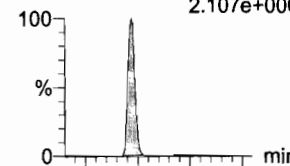


F24:MRM of 2 channels,ES-
463.0 > 219.0
2.904e+006

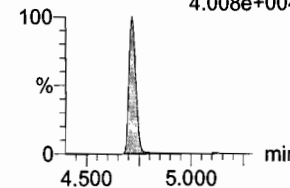


PFOSA

F27:MRM of 2 channels,ES-
498.1 > 77.8
2.107e+006

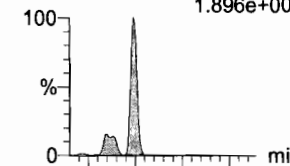


F27:MRM of 2 channels,ES-
498.1 > 478
4.008e+004

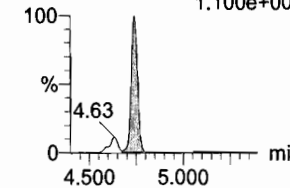


L-PFOS

F29:MRM of 2 channels,ES-
499 > 79.9
1.896e+006

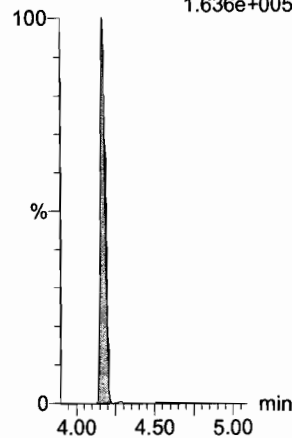


F29:MRM of 2 channels,ES-
499 > 99
1.100e+006



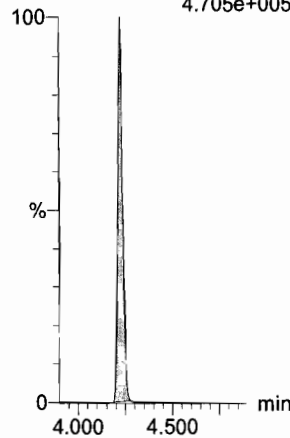
13C2-6:2 FTS

F22:MRM of 1 channel,ES-
429.1 > 408.9
1.636e+005



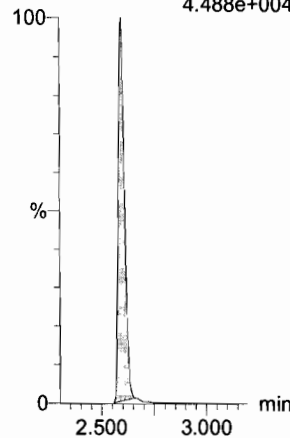
13C2-PFOA

F19:MRM of 1 channel,ES-
414.9 > 369.7
4.705e+005



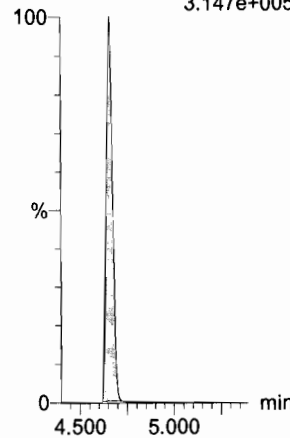
13C3-PFBS

F7:MRM of 1 channel,ES-
302. > 98.8
4.488e+004



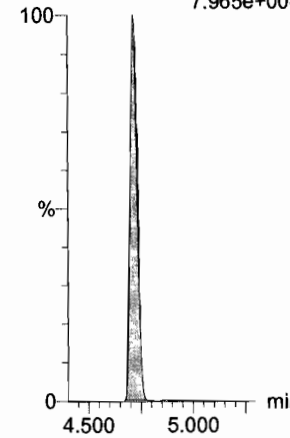
13C5-PFNA

F25:MRM of 1 channel,ES-
468.2 > 422.9
3.147e+005



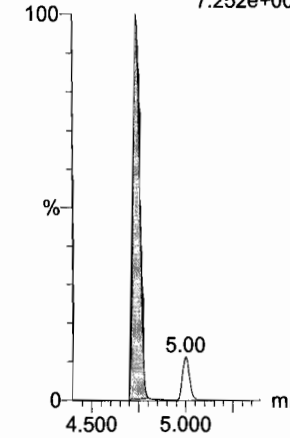
13C8-PFOA

F31:MRM of 1 channel,ES-
506.1 > 77.7
7.965e+004



13C8-PFOS

F32:MRM of 1 channel,ES-
507.0 > 79.9
7.252e+004

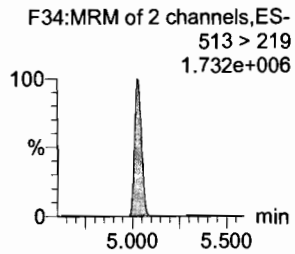
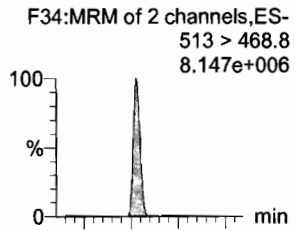


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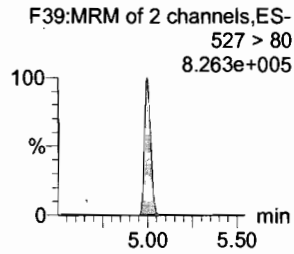
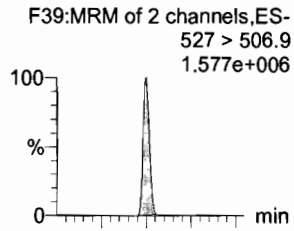
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Name: 180110M3_10, Date: 11-Jan-2018, Time: 11:03:28, ID: ST180110M3-9 PFC CS6 17L2710, Description: PFC CS6 17L2710

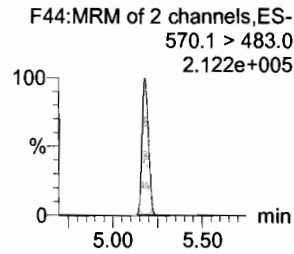
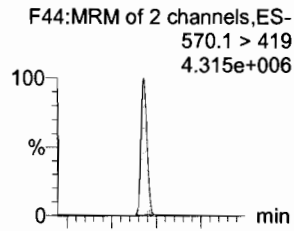
PFDA



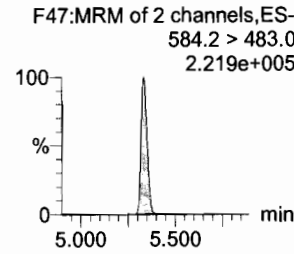
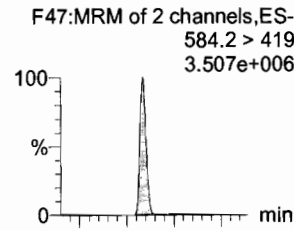
8:2 FTS



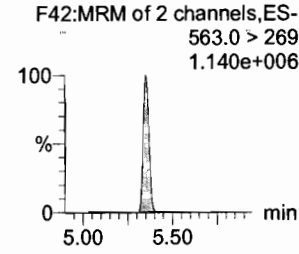
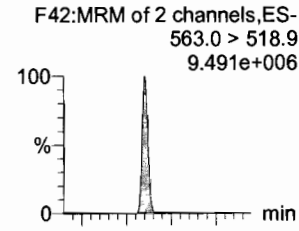
N-MeFOSAA



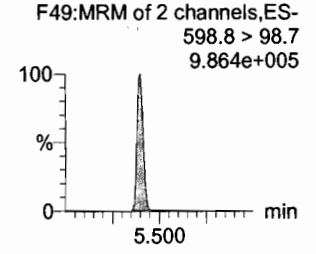
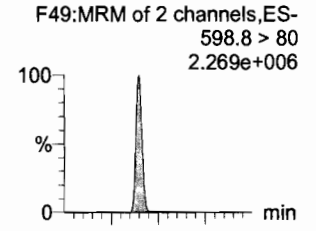
N-EtFOSAA



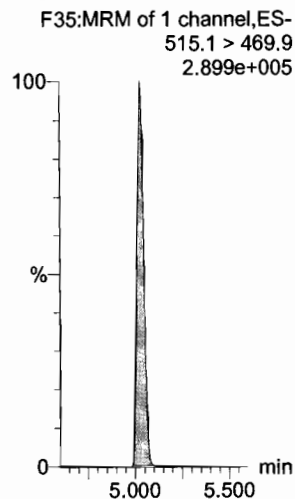
PFUdA



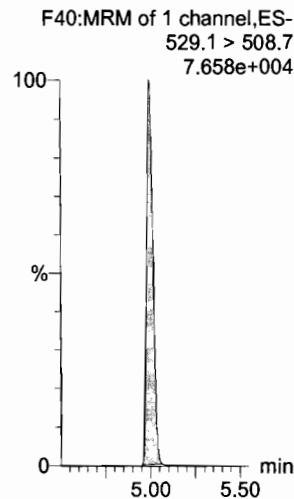
PFDS



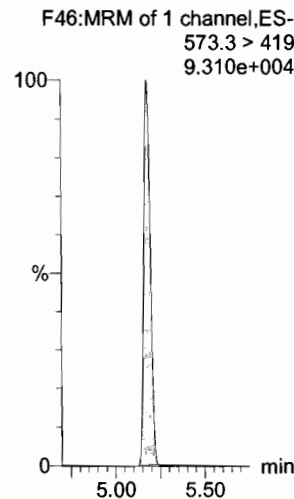
13C2-PFDA



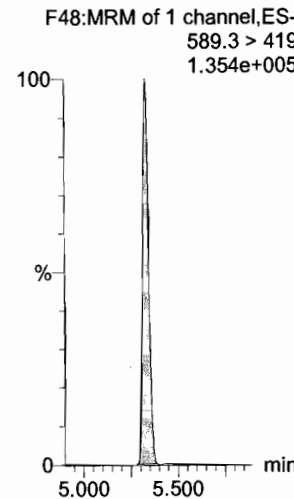
13C2-8:2 FTS



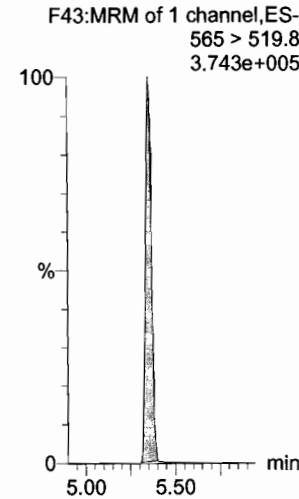
d3-N-MeFOSAA



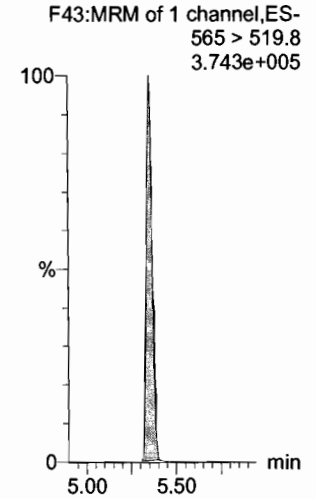
d5-N-EtFOSAA



13C2-PFUdA



13C2-PFUdA



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

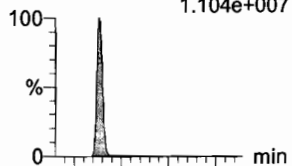
Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:28:58 Pacific Standard Time

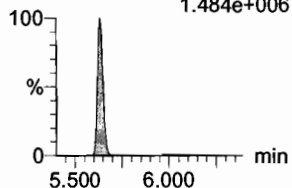
Name: 180110M3_10, Date: 11-Jan-2018, Time: 11:03:28, ID: ST180110M3-9 PFC CS6 17L2710, Description: PFC CS6 17L2710

PFD_oA

F50:MRM of 2 channels,ES-
612.9 > 569.0
1.104e+007

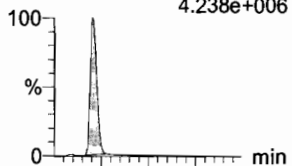


F50:MRM of 2 channels,ES-
612.9 > 318.8
1.484e+006

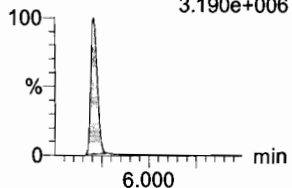


N-MeFOSA

F33:MRM of 2 channels,ES-
512.1 > 168.9
4.238e+006

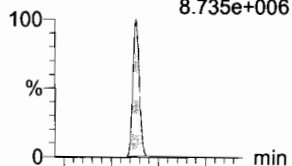


F33:MRM of 2 channels,ES-
512.1 > 219
3.190e+006

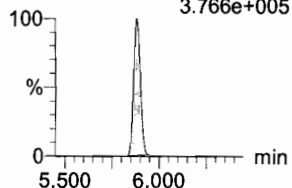


PFT_rDA

F56:MRM of 2 channels,ES-
662.9 > 618.9
8.735e+006

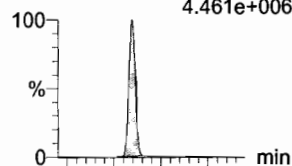


F56:MRM of 2 channels,ES-
662.9 > 319
3.766e+005

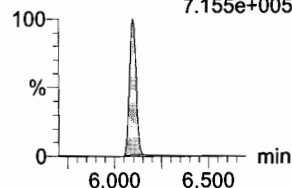


PFT_eDA

F57:MRM of 2 channels,ES-
712.9 > 668.8
4.461e+006

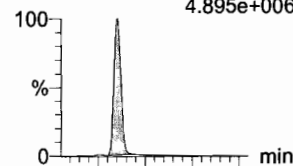


F57:MRM of 2 channels,ES-
712.9 > 369
7.155e+005

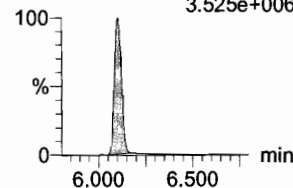


N-EtFOSA

F38:MRM of 2 channels,ES-
526.1 > 168.9
4.895e+006

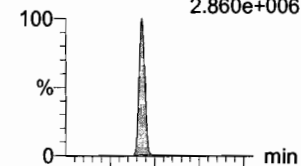


F38:MRM of 2 channels,ES-
526.1 > 219
3.525e+006

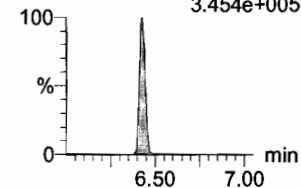


PFH_xDA

F59:MRM of 2 channels,ES-
813.1 > 768.6
2.860e+006

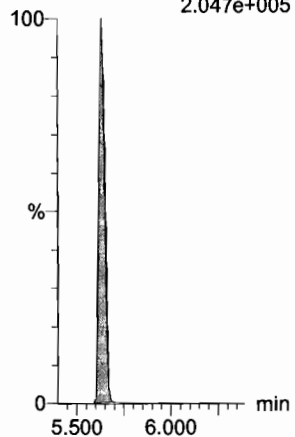


F59:MRM of 2 channels,ES-
813.1 > 219
3.454e+005



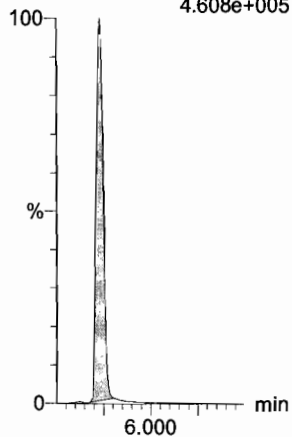
13C2-PFD_oA

F51:MRM of 1 channel,ES-
615.0 > 569.7
2.047e+005



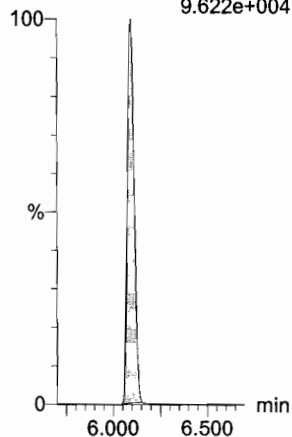
d3-N-MeFOSA

F36:MRM of 1 channel,ES-
515.2 > 168.9
4.608e+005



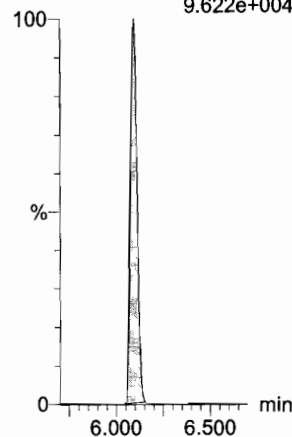
13C2-PFT_eDA

F58:MRM of 2 channels,ES-
714.8 > 669.6
9.622e+004



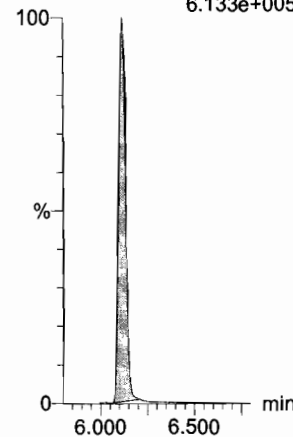
13C2-PFT_eDA

F58:MRM of 2 channels,ES-
714.8 > 669.6
9.622e+004



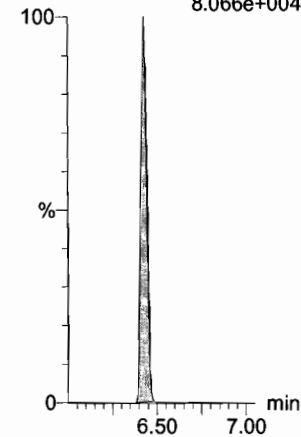
d5-N-ETFOSA

F41:MRM of 1 channel,ES-
531.1 > 168.9
6.133e+005



13C2-PFH_xDA

F60:MRM of 1 channel,ES-
815 > 769.7
8.066e+004



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

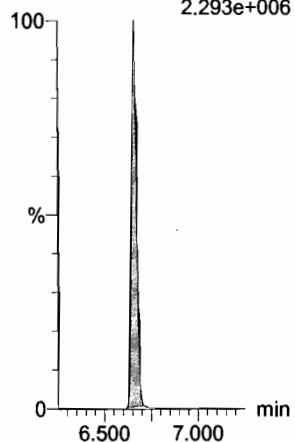
Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:28:58 Pacific Standard Time

Name: 180110M3_10, Date: 11-Jan-2018, Time: 11:03:28, ID: ST180110M3-9 PFC CS6 17L2710, Description: PFC CS6 17L2710

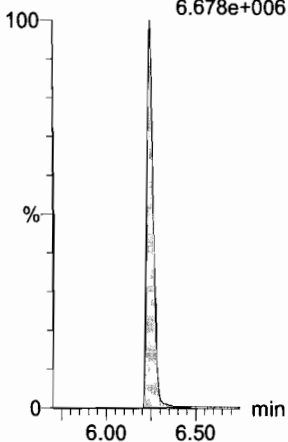
PFODA

F61:MRM of 1 channel,ES-
913.1 > 868.8
2.293e+006



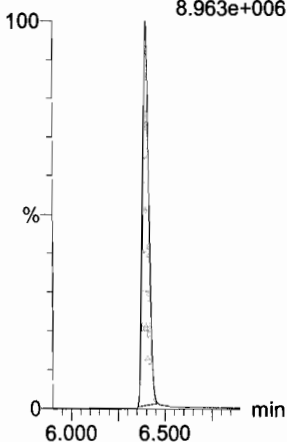
N-MeFOSE

F52:MRM of 1 channel,ES-
616.1 > 58.9
6.678e+006



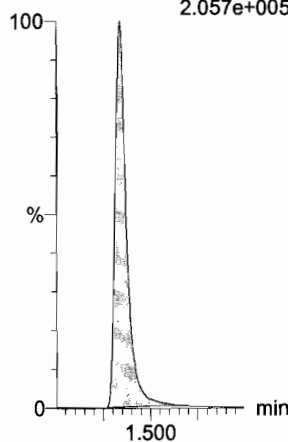
N-EtFOSE

F54:MRM of 1 channel,ES-
630.1 > 58.9
8.963e+006



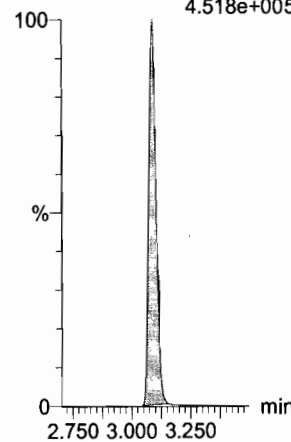
13C4-PFBA

F3:MRM of 1 channel,ES-
217. > 171.8
2.057e+005



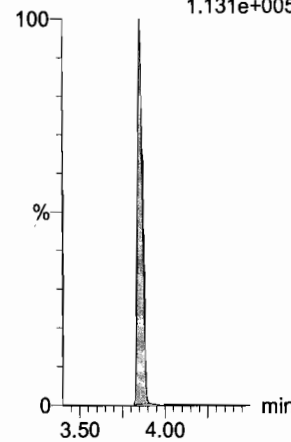
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
4.518e+005



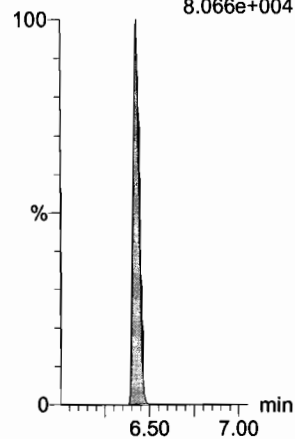
13C3-PFHxS

F16:MRM of 1 channel,ES-
401.9 > 79.9
1.131e+005



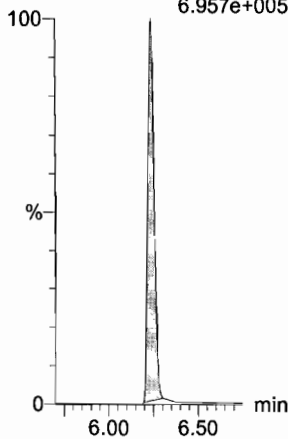
13C2-PFHxDA

F60:MRM of 1 channel,ES-
815 > 769.7
8.066e+004



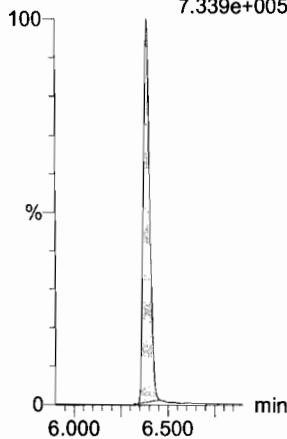
d7-N-MeFOSE

F53:MRM of 1 channel,ES-
623.1 > 58.9
6.957e+005



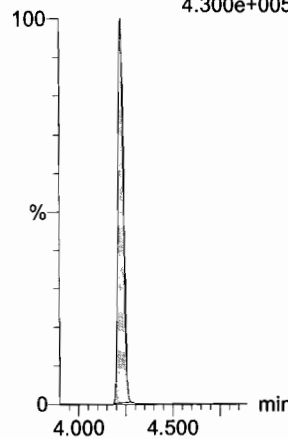
d9-N-EtFOSE

F55:MRM of 1 channel,ES-
639.2 > 58.8
7.339e+005



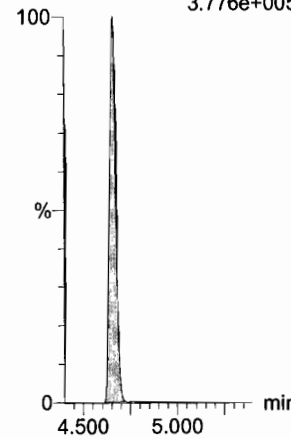
13C8-PFOA

F20:MRM of 1 channel,ES-
421.3 > 376
4.300e+005



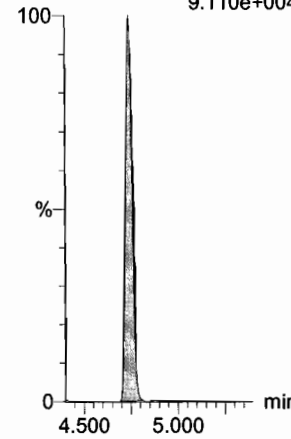
13C9-PFNA

F26:MRM of 1 channel,ES-
472.2 > 426.9
3.776e+005



13C4-PFOS

F30:MRM of 1 channel,ES-
503 > 79.9
9.110e+004



Dataset: U:\Q4.PRO\results\180110M3\180110M3_crv.qld

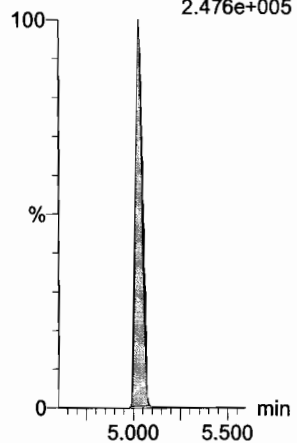
Last Altered: Thursday, January 11, 2018 14:26:31 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:28:58 Pacific Standard Time

Name: 180110M3_10, Date: 11-Jan-2018, Time: 11:03:28, ID: ST180110M3-9 PFC CS6 17L2710, Description: PFC CS6 17L2710

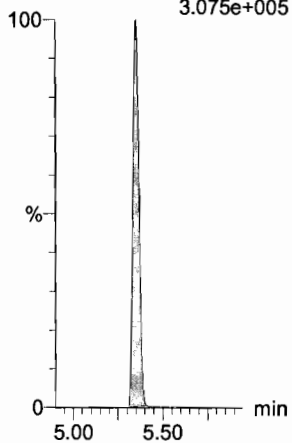
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
2.476e+005



13C7-PFUdA

F45:MRM of 1 channel,ES-
570.1 > 524.8
3.075e+005



Dataset: U:\Q4.PRO\results\180110M3\180110M3_12.qld

ⓐ Not present in SS

Last Altered: Thursday, January 11, 2018 14:32:59 Pacific Standard Time
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Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_010818C.mdb 11 Jan 2018 11:46:18
Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_01-10-18-FULL-M3.cdb 11 Jan 2018 14:26:30

P/1/18
✓ J.A. 01/11/2018

Name: 180110M3_12, Date: 11-Jan-2018, Time: 11:25:49, ID: ICV180110M3-1 PFC ICV 17L1201, Description: PFC ICV 17L1201

#	Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Recovery	Out
1	1 PFBA	213.0 > 168.8	8.27e3	8.56e3		1.38	1.34	12.1	8.24	82.4		NO
2	2 PFPeA	263.1 > 218.9	8.08e3	9.73e3		2.37	2.32	10.4	8.26	82.6		NO
3	3 PFBS	299.0 > 79.7	1.64e3	1.22e3		2.66	2.60	16.8	7.87	78.7		NO
4	4 PFHxA	313.2 > 268.9	9.53e3	2.94e3		3.15	3.09	16.2	8.37	83.7		NO
5	5 PFHpA	363.0 > 318.9	8.72e3	8.24e3		3.78	3.71	13.2	8.07	80.7		NO
6	6 L-PFHxS	398.9 > 79.6	1.31e3	9.86e2		3.94	3.86	16.6	7.93	79.3		NO
7	8 6:2 FTS	427.1 > 407	1.82e3	9.86e2		4.25	4.17	23.0	7.61	76.1		NO
8	9 L-PFOA	413 > 368.7	9.56e3	1.21e4		4.31	4.23	9.91	7.72	77.2		NO
9	11 PFHpS	449 > 80.0	2.06e3	1.21e4		4.42	4.34	2.14	7.38	73.8		NO
10	12 PFNA	463.0 > 418.8	1.08e4	9.71e3		4.81	4.66	13.9	9.82	98.2		NO
11	13 PFOSA	498.1 > 77.8	2.37e3	2.29e3		4.87	4.72	13.0	9.88	98.8		NO
12	14 L-PFOS	499 > 79.9	2.02e3	2.64e3		4.89	4.74	9.54	8.09	80.9		NO
13	16 PFDA	513 > 468.8	8.49e3	9.21e3		5.18	5.03	11.5	7.17	71.7		NO
14	17 8:2 FTS	527 > 506.9	1.74e3	9.21e3		5.15	5.00	2.36	7.55	75.5		NO
15	18 N-MeFOSAA	570.1 > 419	5.07e3	4.15e3		5.32	5.18	15.3	7.67	76.7		NO
16	19 N-EtFOSAA	584.2 > 419	3.88e3	4.38e3		5.48	5.34	11.0	7.26	72.6		NO
17	20 PFUdA	563.0 > 518.9	9.19e3	9.66e3		5.50	5.35	11.9	9.02	90.2		NO
18	21 PFDS	598.8 > 80	2.11e3	9.66e3		5.54	5.40	2.73	7.36	73.6		NO
19	22 PFDoA	612.9 > 569.0	1.00e4	6.35e3		5.77	5.64	19.7	9.27	92.7		NO
20	23 N-MeFOSA	512.1 > 168.9		1.48e4		5.80						NO
21	24 PFTrDA	662.9 > 618.9	9.41e3	6.35e3		6.00	5.88	18.5	7.74	77.4		NO
22	25 PFTeDA	712.9 > 668.8	5.49e3	2.33e3		6.22	6.10	29.5	9.98	99.8		NO
23	26 N-EtFOSA	526.1 > 168.9		2.26e4		6.17						NO
24	27 PFHxDA	813.1 > 768.6		1.99e3		6.53						NO
25	28 PFODA	913.1 > 868.8		1.99e3		6.74						NO
26	29 N-MeFOSE	616.1 > 58.9		2.11e4		6.27						NO
27	30 N-EtFOSE	630.1 > 58.9	7.11e1	1.70e4		6.43	6.40	0.629	0.596	113.7		YES
28	31 13C3-PFBA	216.1 > 171.8	8.56e3	9.86e3	0.764	1.38	1.34	10.8	14.2	113.7		NO
29	32 13C3-PFPeA	266. > 221.8	9.73e3	1.10e4	0.730	2.37	2.32	11.0	15.1	120.8		NO
30	33 13C3-PFBS	302. > 98.8	1.22e3	1.10e4	0.095	2.77	2.59	1.38	14.5	116.0		NO
31	Work Order 17182	315 > 269.8	2.94e3	1.10e4	0.597	3.15	3.09	3.33	5.58	111.7		NO

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Dataset: U:\Q4.PRO\results\180110M3\180110M3_12.qld

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Name: 180110M3_12, Date: 11-Jan-2018, Time: 11:25:49, ID: ICV180110M3-1 PFC ICV 17L1201, Description: PFC ICV 17L1201

	# Name	Trace	Area	IS Area	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec	Recovery	Out
32	35 13C4-PFHpA	367.2 > 321.8	8.24e3	1.10e4	0.604	3.78	3.71	9.33	15.4	123.6	NO	
33	36 18O2-PFHxS	403.0 > 102.6	9.86e2	2.90e3	0.293	3.94	3.86	4.25	14.5	116.0	NO	
34	37 13C2-6:2 FTS	429.1 > 408.9	2.17e3	1.06e4	0.215	4.25	4.18	2.55	11.9	94.8	NO	
35	38 13C2-PFOA	414.9 > 369.7	1.21e4	1.06e4	0.916	4.31	4.23	14.1	15.5	123.6	NO	
36	39 13C5-PFNA	468.2 > 422.9	9.71e3	9.76e3	0.817	4.81	4.66	12.4	15.2	121.7	NO	
37	40 13C8-PFOA	506.1 > 77.7	2.29e3	9.91e3	0.223	4.87	4.72	2.89	12.9	103.6	NO	
38	41 13C8-PFOS	507.0 > 79.9	2.64e3	2.83e3	0.875	4.89	4.74	11.7	13.3	106.7	NO	
39	42 13C2-PFDA	515.1 > 469.9	9.21e3	7.32e3	1.105	5.18	5.04	15.7	14.2	113.8	NO	
40	43 13C2-8:2 FTS	529.1 > 508.7	1.21e3	1.10e4	0.101	5.15	5.00	1.37	13.6	108.5	NO	
41	44 d3-N-MeFOSAA	573.3 > 419	4.15e3	9.91e3	0.345	5.32	5.18	5.23	15.2	121.3	NO	
42	45 d5-N-EtFOSAA	589.3 > 419	4.38e3	9.91e3	0.390	5.47	5.34	5.53	14.2	113.4	NO	
43	46 13C2-PFUdA	565 > 519.8	9.66e3	9.91e3	0.958	5.49	5.35	12.2	12.7	101.8	NO	
44	47 13C2-PFDoA	615.0 > 569.7	6.35e3	9.91e3	0.599	5.77	5.63	8.01	13.4	107.0	NO	
45	48 d3-N-MeFOSA	515.2 > 168.9	1.48e4	9.91e3	0.124	5.83	5.73	18.6	150	100.1	NO	
46	49 13C2-PFTeDA	714.8 > 669.6	2.33e3	9.91e3	0.282	6.22	6.10	2.94	10.4	83.5	NO	
47	50 d5-N-ETFOSA	531.1 > 168.9	2.26e4	9.91e3	0.184	6.18	6.12	28.5	155	103.2	NO	
48	51 13C2-PFHxDA	815 > 769.7	1.99e3	9.91e3	0.540	6.53	6.43	2.52	4.66	93.2	NO	
49	52 d7-N-MeFOSE	623.1 > 58.9	2.11e4	9.91e3	0.182	6.27	6.24	26.6	146	97.2	NO	
50	53 d9-N-EtFOSE	639.2 > 58.8	1.70e4	9.91e3	0.173	6.42	6.39	21.4	124	82.8	NO	
51	54 13C4-PFBA	217. > 171.8	9.86e3	9.86e3	1.000	1.38	1.33	12.5	12.5	100.0	NO	
52	55 13C5-PFHxA	318 > 272.9	1.10e4	1.10e4	1.000	3.15	3.09	12.5	12.5	100.0	NO	
53	56 13C3-PFHxS	401.9 > 79.9	2.90e3	2.90e3	1.000	4.02	3.86	12.5	12.5	100.0	NO	
54	57 13C8-PFOA	421.3 > 376	1.06e4	1.06e4	1.000	4.38	4.22	12.5	12.5	100.0	NO	
55	58 13C9-PFNA	472.2 > 426.9	9.76e3	9.76e3	1.000	4.81	4.66	12.5	12.5	100.0	NO	
56	59 13C4-PFOS	503 > 79.9	2.83e3	2.83e3	1.000	4.89	4.74	12.5	12.5	100.0	NO	
57	60 13C6-PFDA	519.1 > 473.7	7.32e3	7.32e3	1.000	5.18	5.03	12.5	12.5	100.0	NO	
58	61 13C7-PFUdA	570.1 > 524.8	9.91e3	9.91e3	1.000	5.49	5.35	12.5	12.5	100.0	NO	

Dataset: U:\Q4.PRO\results\180110M3\180110M3_12.qld

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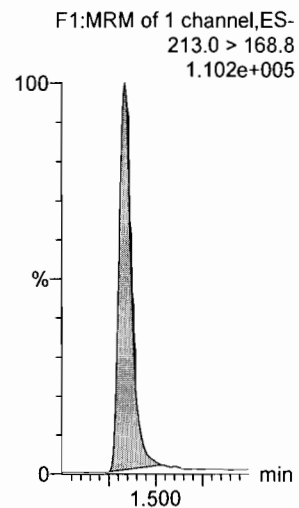
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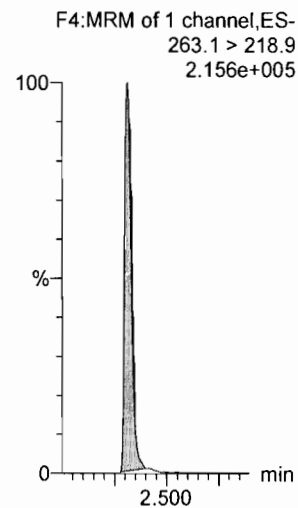
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Name: 180110M3_12, Date: 11-Jan-2018, Time: 11:25:49, ID: ICV180110M3-1 PFC ICV 17L1201, Description: PFC ICV 17L1201

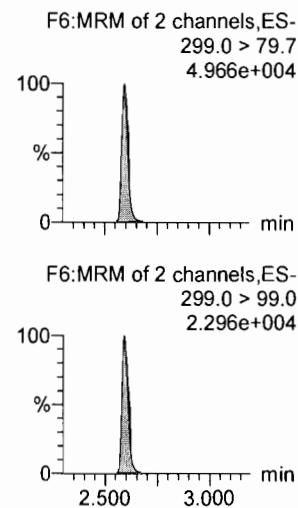
PFBA



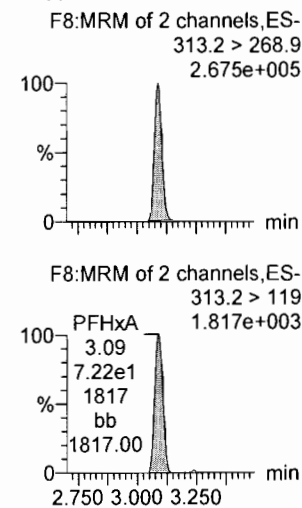
PFPeA



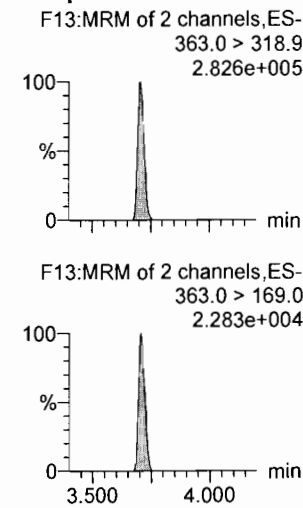
PFBS



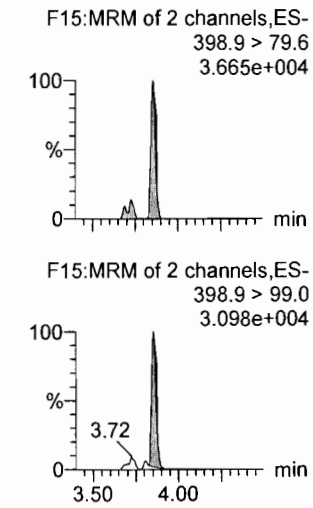
PFHxA



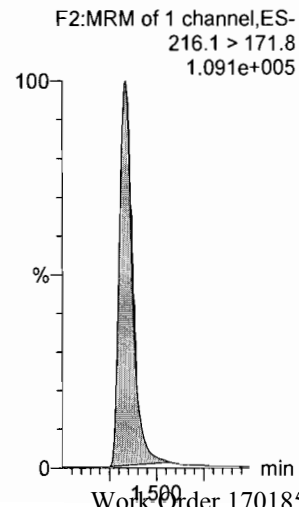
PFHpA



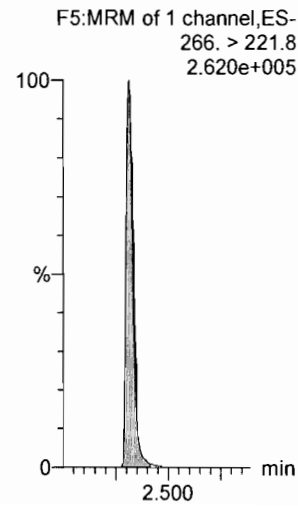
L-PFHxS



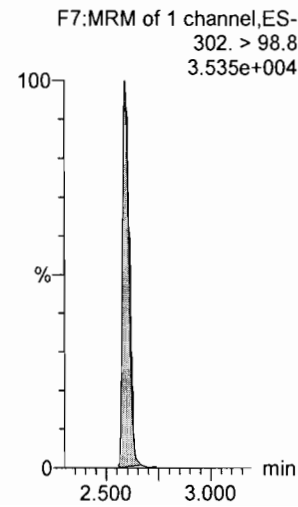
13C3-PFBA



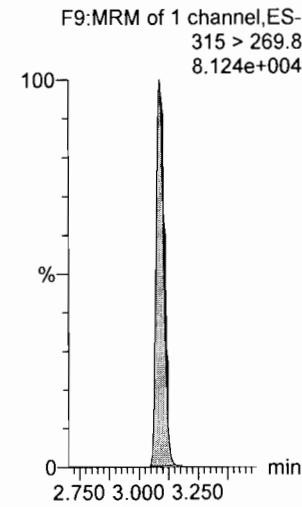
13C3-PFPeA



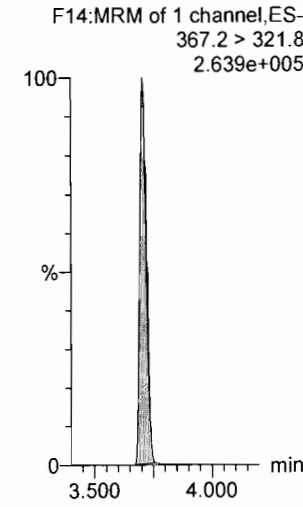
13C3-PFBS



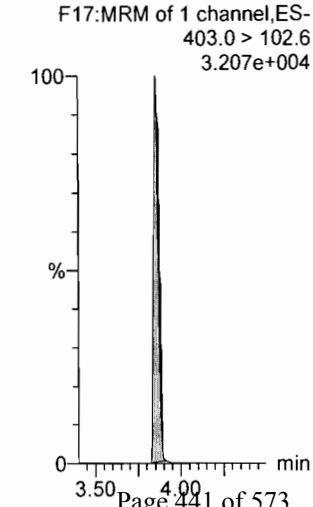
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



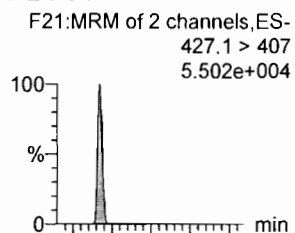
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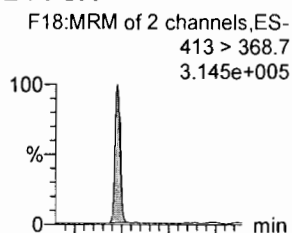
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Name: 180110M3_12, Date: 11-Jan-2018, Time: 11:25:49, ID: ICV180110M3-1 PFC ICV 17L1201, Description: PFC ICV 17L1201

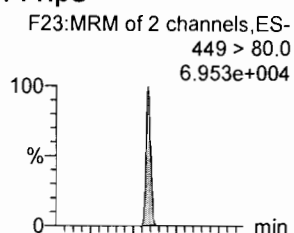
6:2 FTS



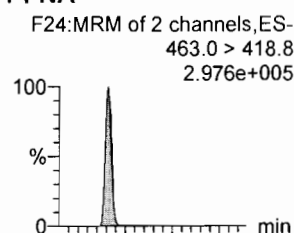
L-PFOA



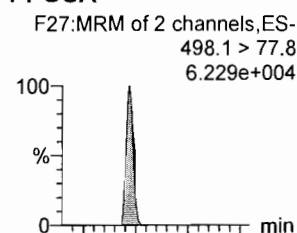
PFHpS



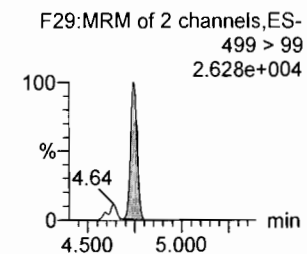
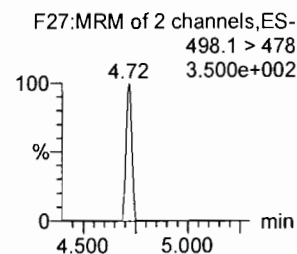
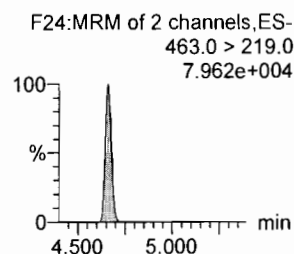
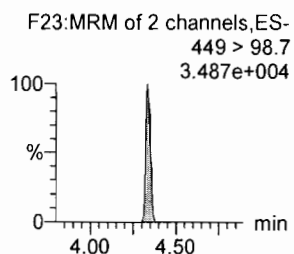
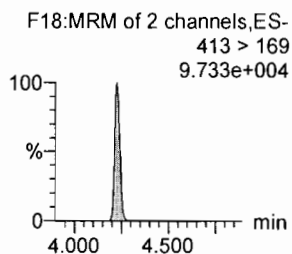
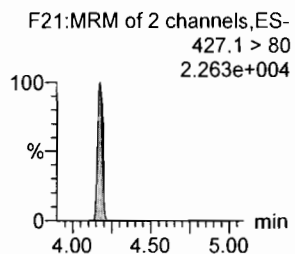
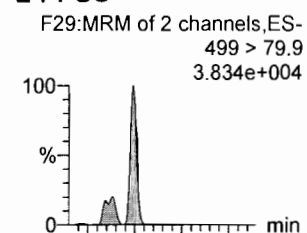
PFNA



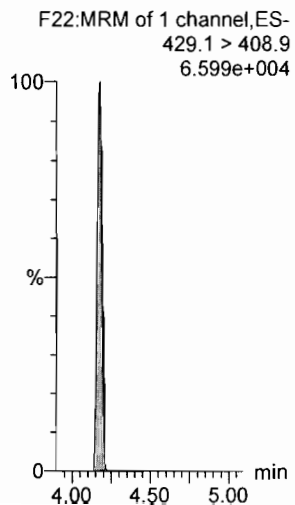
PFOSA



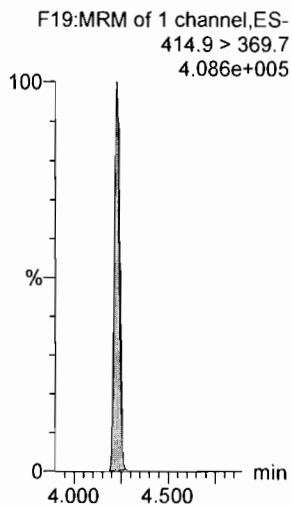
L-PFOS



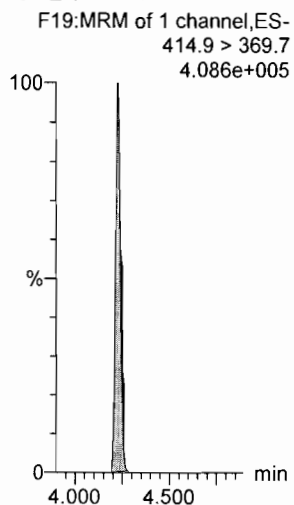
13C2-6:2 FTS



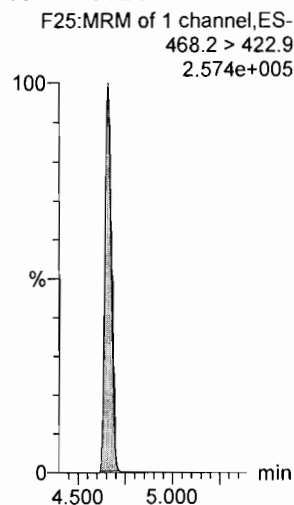
13C2-PFOA



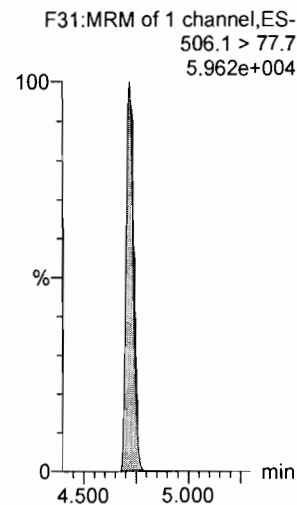
13C2-PFOA



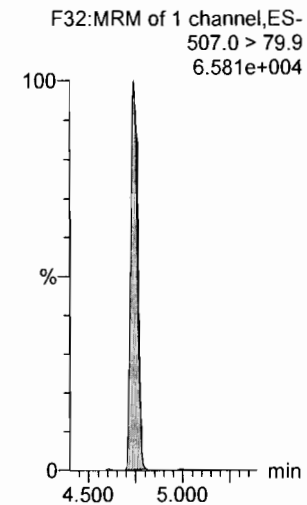
13C5-PFNA



13C8-PFOSA



13C8-PFOS



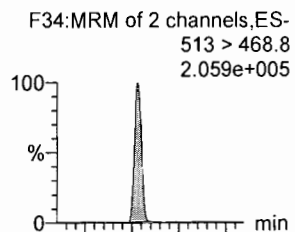
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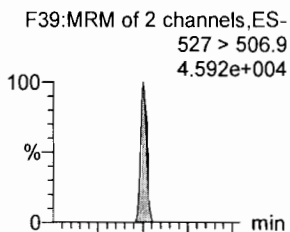
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Name: 180110M3_12, Date: 11-Jan-2018, Time: 11:25:49, ID: ICV180110M3-1 PFC ICV 17L1201, Description: PFC ICV 17L1201

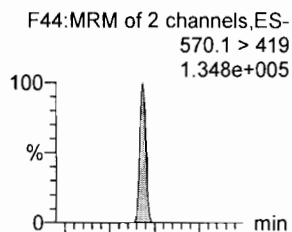
PFDA



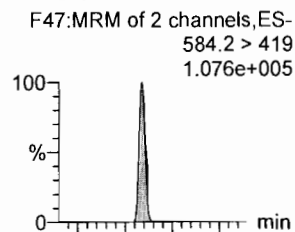
8:2 FTS



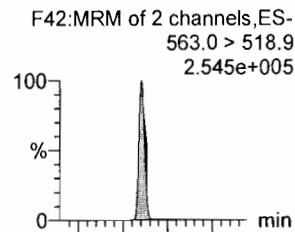
N-MeFOSAA



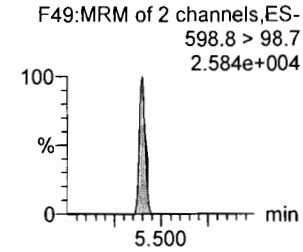
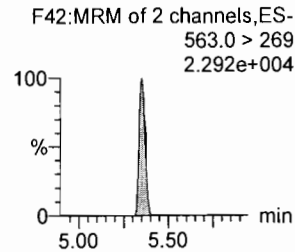
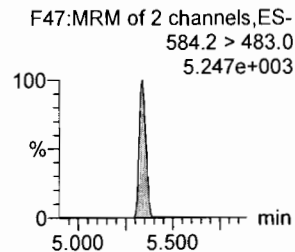
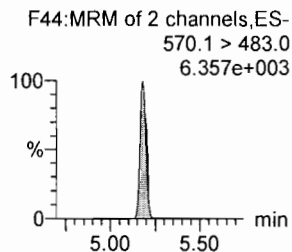
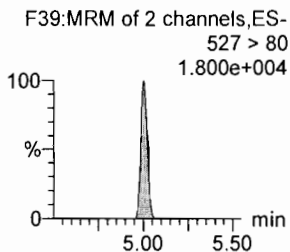
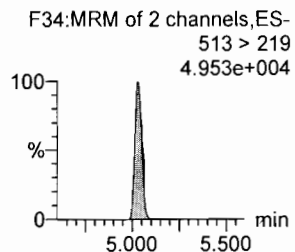
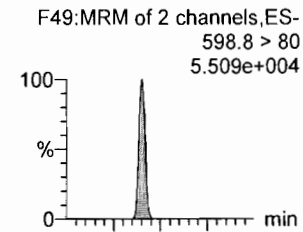
N-EtFOSAA



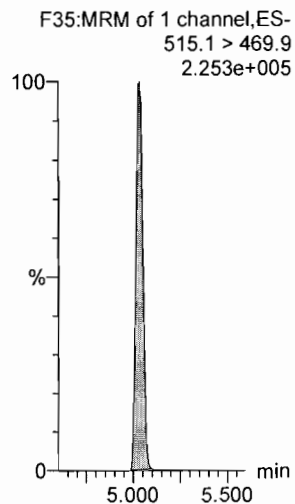
PFUdA



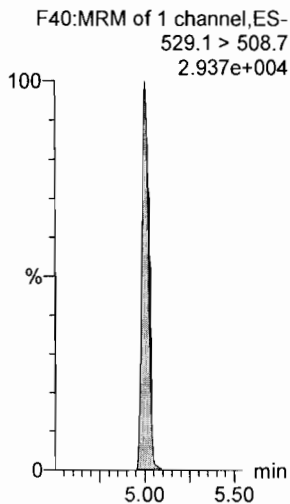
PFDS



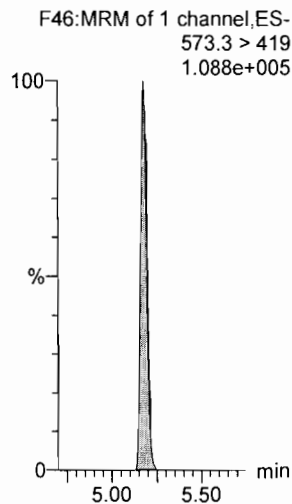
13C2-PFDA



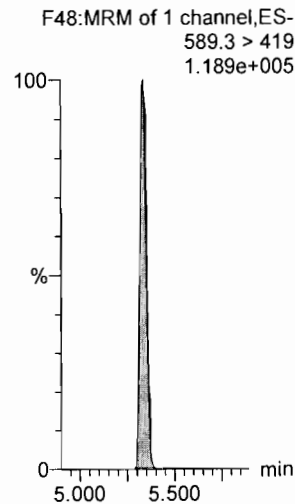
13C2-8:2 FTS



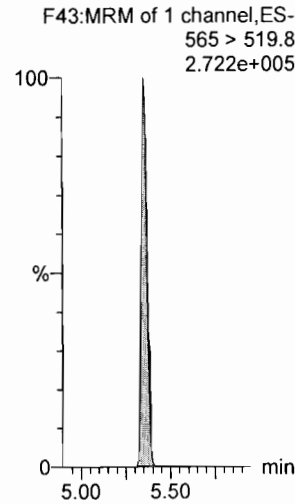
d3-N-MeFOSAA



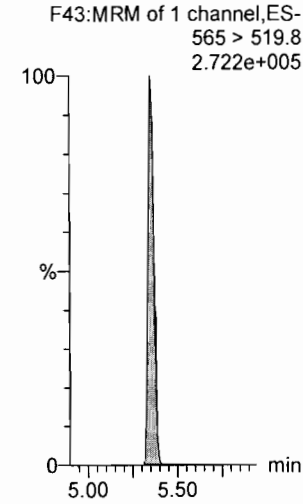
d5-N-EtFOSAA



13C2-PFUdA



13C2-PFUdA



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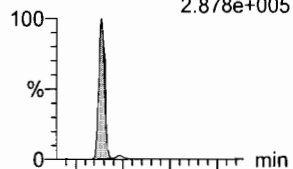
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Printed: Thursday, January 11, 2018 14:33:41 Pacific Standard Time

Name: 180110M3_12, Date: 11-Jan-2018, Time: 11:25:49, ID: ICV180110M3-1 PFC ICV 17L1201, Description: PFC ICV 17L1201

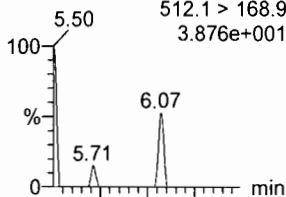
PFD_oA

F50:MRM of 2 channels,ES-
612.9 > 569.0
2.878e+005



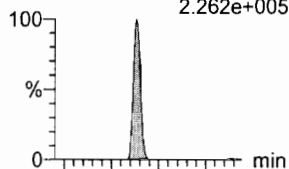
N-MeFOSA

F33:MRM of 2 channels,ES-
512.1 > 168.9
3.876e+001



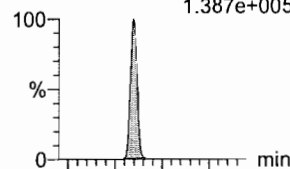
PFT_rDA

F56:MRM of 2 channels,ES-
662.9 > 618.9
2.262e+005



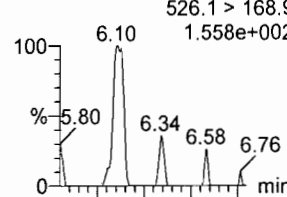
PFT_eDA

F57:MRM of 2 channels,ES-
712.9 > 668.8
1.387e+005



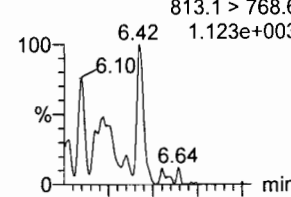
N-EtFOSA

F38:MRM of 2 channels,ES-
526.1 > 168.9
1.558e+002

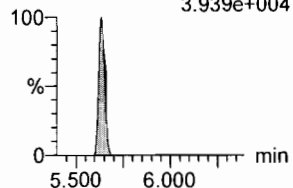


PFH_xDA

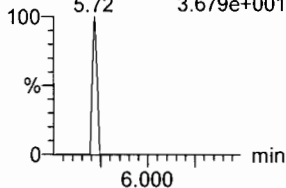
F59:MRM of 2 channels,ES-
813.1 > 768.6
1.123e+003



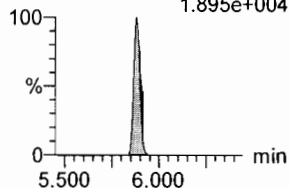
F50:MRM of 2 channels,ES-
612.9 > 318.8
3.939e+004



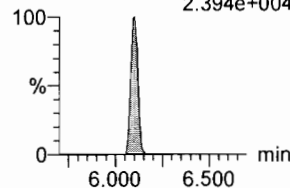
F33:MRM of 2 channels,ES-
512.1 > 219
3.679e+001



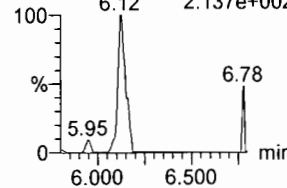
F56:MRM of 2 channels,ES-
662.9 > 319
1.895e+004



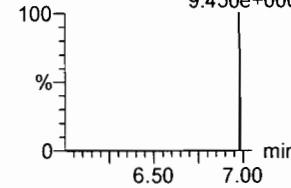
F57:MRM of 2 channels,ES-
712.9 > 369
2.394e+004



F38:MRM of 2 channels,ES-
526.1 > 219
2.137e+002

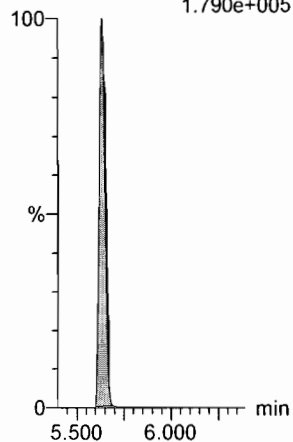


F59:MRM of 2 channels,ES-
813.1 > 219
9.450e+000



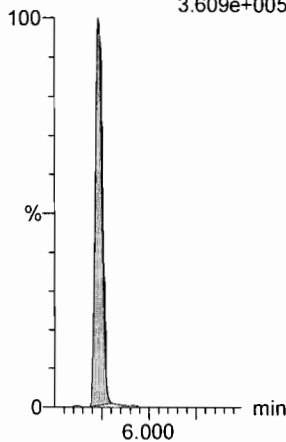
13C2-PFD_oA

F51:MRM of 1 channel,ES-
615.0 > 569.7
1.790e+005



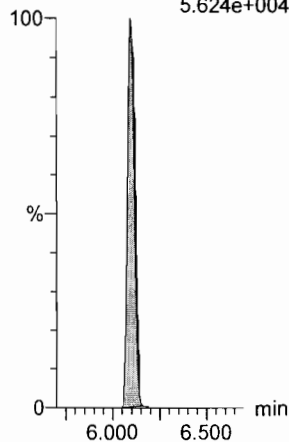
d3-N-MeFOSA

F36:MRM of 1 channel,ES-
515.2 > 168.9
3.609e+005



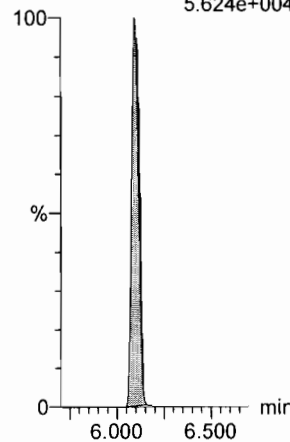
13C2-PFT_eDA

F58:MRM of 2 channels,ES-
714.8 > 669.6
5.624e+004



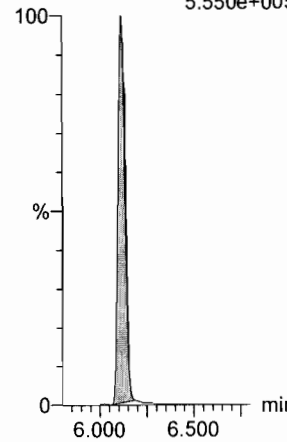
13C2-PFT_eDA

F58:MRM of 2 channels,ES-
714.8 > 669.6
5.624e+004



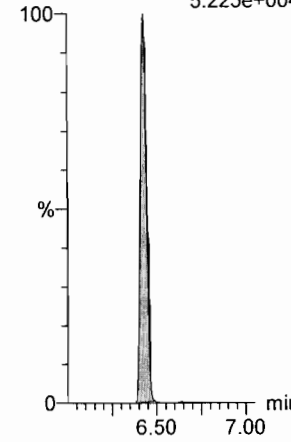
d5-N-ETFOSA

F41:MRM of 1 channel,ES-
531.1 > 168.9
5.550e+005



13C2-PFH_xDA

F60:MRM of 1 channel,ES-
815 > 769.7
5.225e+004



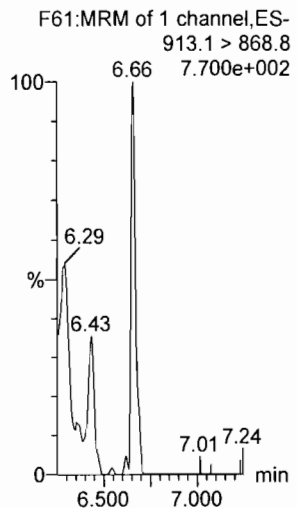
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Last Altered: Thursday, January 11, 2018 14:32:59 Pacific Standard Time

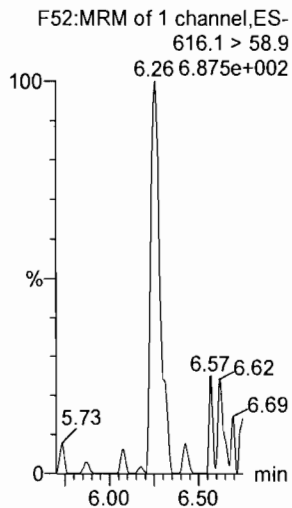
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Name: 180110M3_12, Date: 11-Jan-2018, Time: 11:25:49, ID: ICV180110M3-1 PFC ICV 17L1201, Description: PFC ICV 17L1201

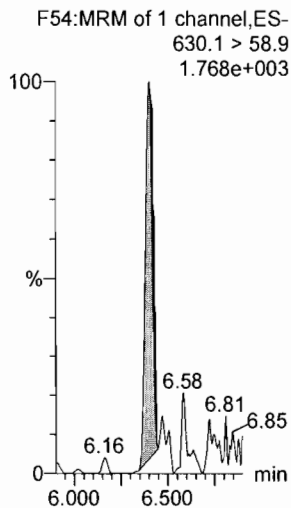
PFODA



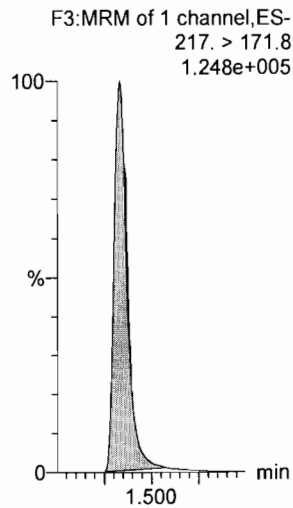
N-MeFOSE



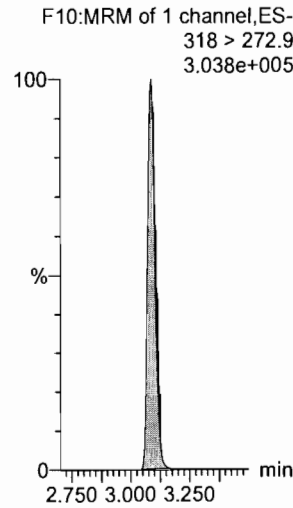
N-EtFOSE



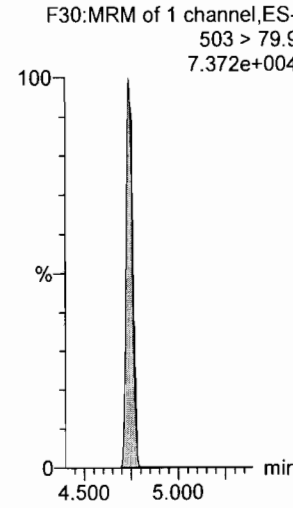
13C4-PFBA



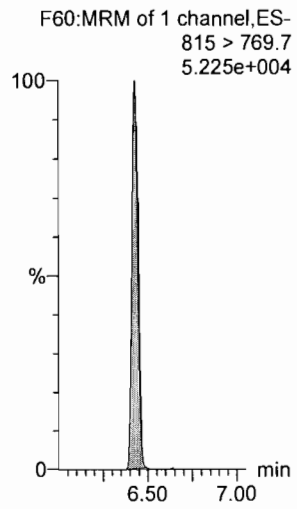
13C5-PFHxA



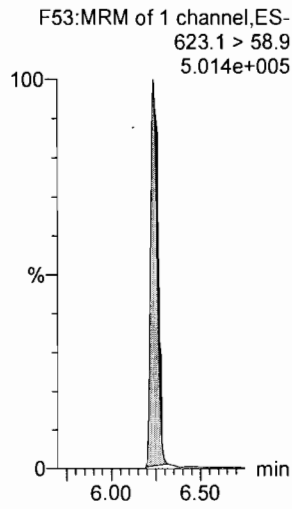
13C4-PFOS



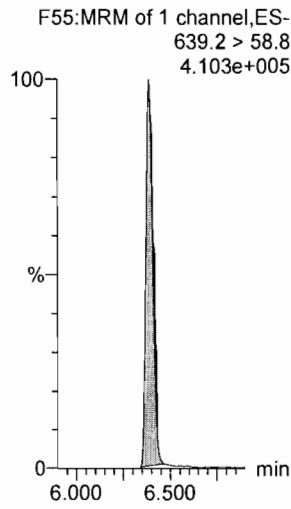
13C2-PFHxDA



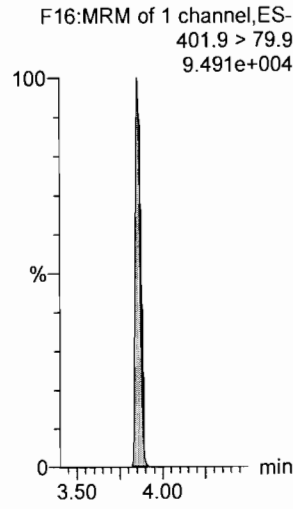
d7-N-MeFOSE



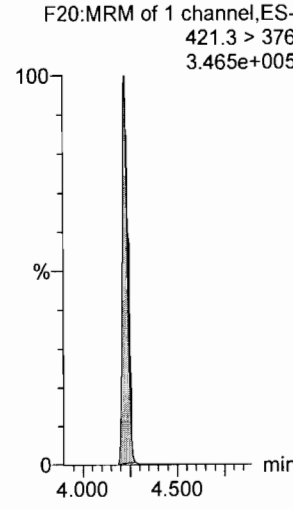
d9-N-EtFOSE



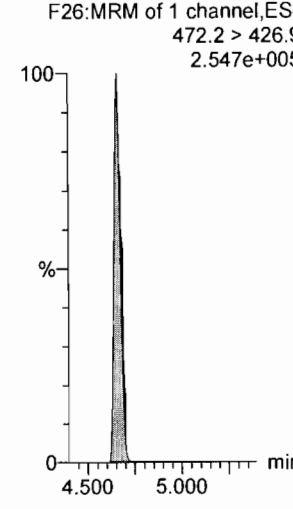
13C3-PFHxS



13C8-PFOA



13C9-PFNA



Dataset: U:\Q4.PRO\results\180110M3\180110M3_12.qld

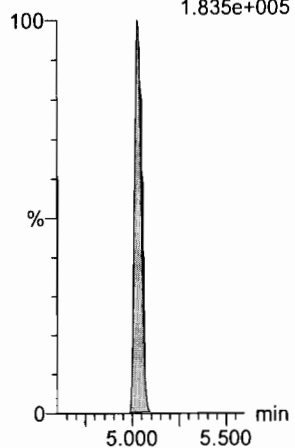
Last Altered: Thursday, January 11, 2018 14:32:59 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:33:41 Pacific Standard Time

Name: 180110M3_12, Date: 11-Jan-2018, Time: 11:25:49, ID: ICV180110M3-1 PFC ICV 17L1201, Description: PFC ICV 17L1201

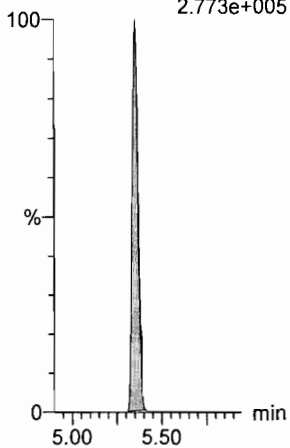
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
1.835e+005



13C7-PFUdA

F45:MRM of 1 channel,ES-
570.1 > 524.8
2.773e+005



Dataset: U:\Q4.PRO\results\180110M3\180110M3_11.qld

Last Altered: Thursday, January 11, 2018 14:12:26 Pacific Standard Time

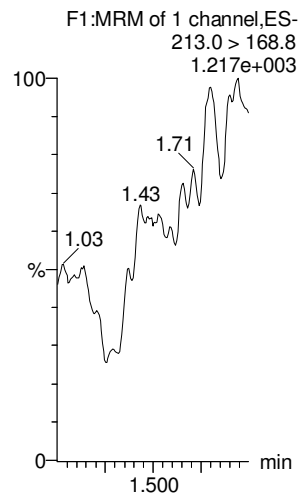
Printed: Thursday, January 11, 2018 14:13:30 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_010818C.mdb 11 Jan 2018 11:46:18

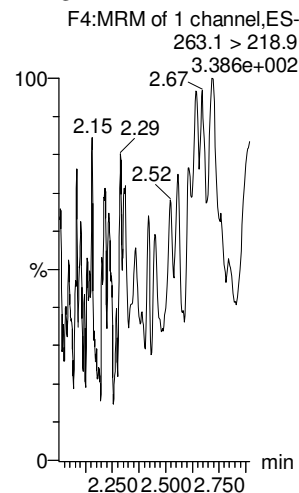
Calibration: 11 Jan 2018 14:12:25

Name: 180110M3_11, Date: 11-Jan-2018, Time: 11:14:39, ID: IPA, Description: IPA

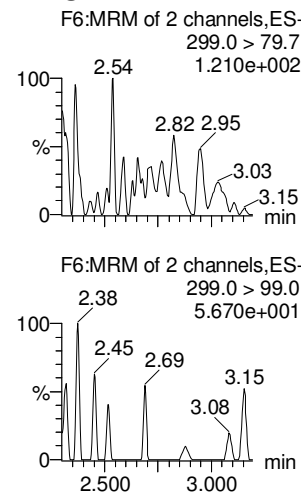
PFBA



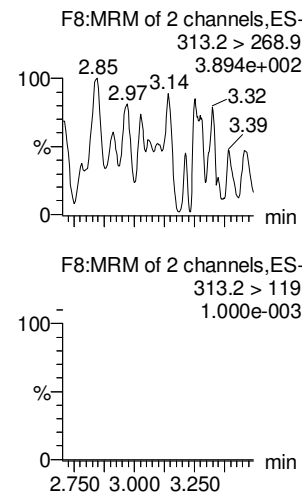
PFPeA



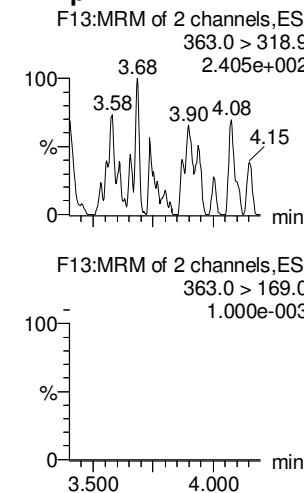
PFBS



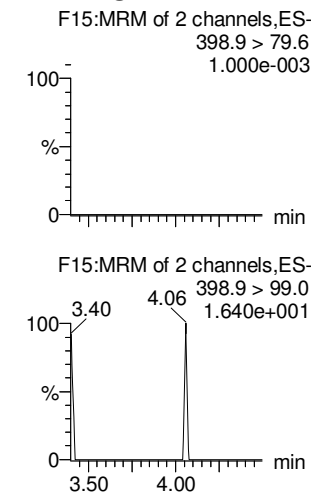
PFHxA



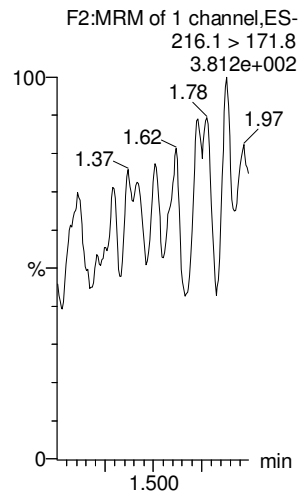
PFHpA



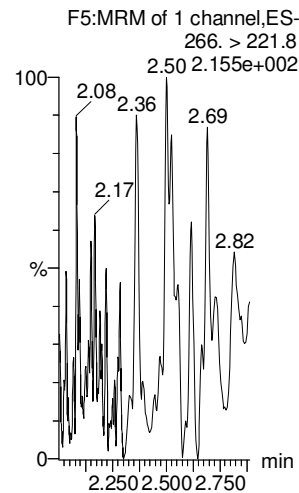
L-PFHxS



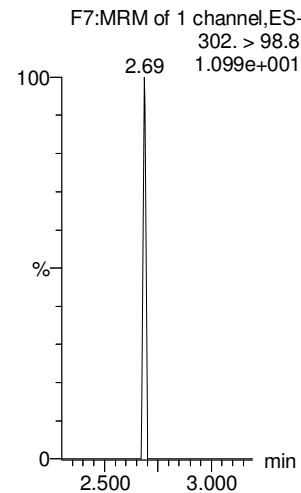
13C3-PFBA



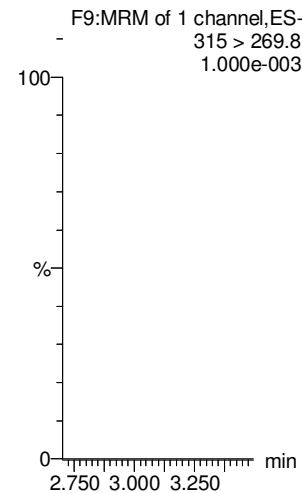
13C3-PFPeA



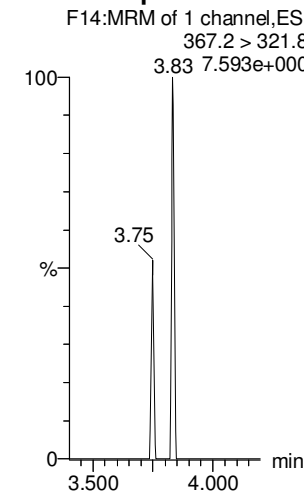
13C3-PFBS



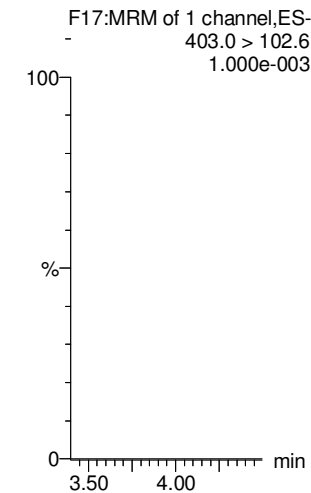
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



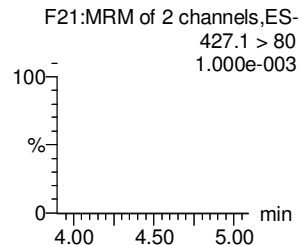
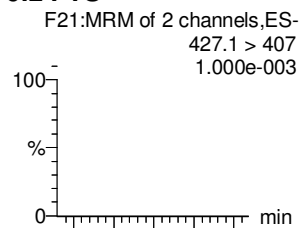
Dataset: U:\Q4.PRO\results\180110M3\180110M3_11.qld

Last Altered: Thursday, January 11, 2018 14:12:26 Pacific Standard Time

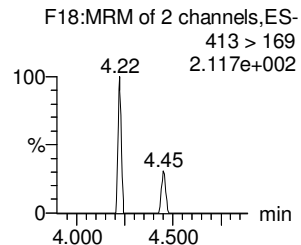
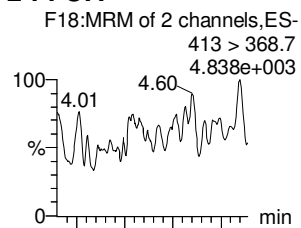
Printed: Thursday, January 11, 2018 14:13:30 Pacific Standard Time

Name: 180110M3_11, Date: 11-Jan-2018, Time: 11:14:39, ID: IPA, Description: IPA

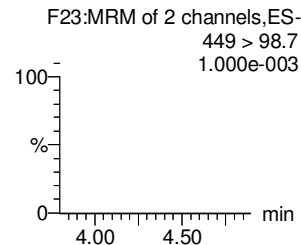
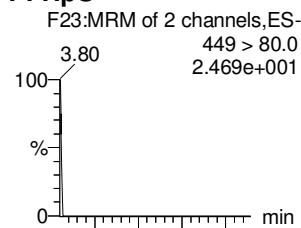
6:2 FTS



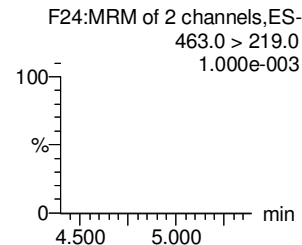
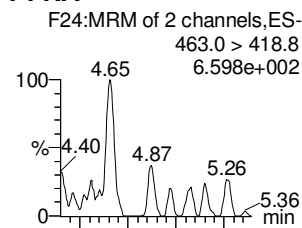
L-PFOA



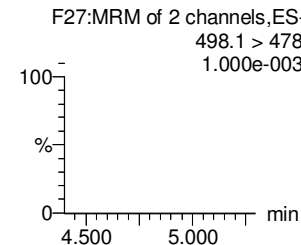
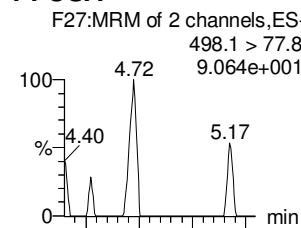
PFHpS



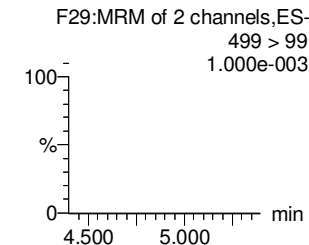
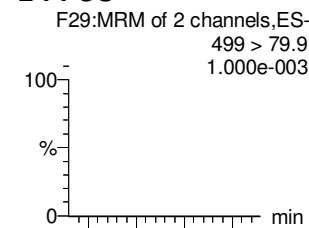
PFNA



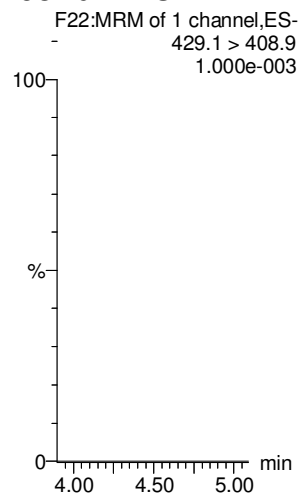
PFOSA



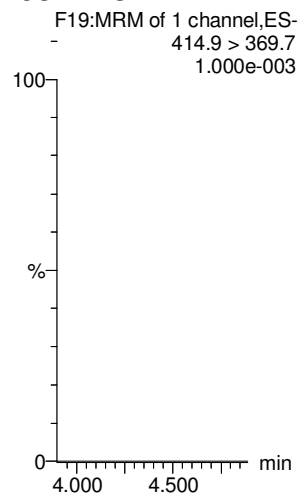
L-PFOS



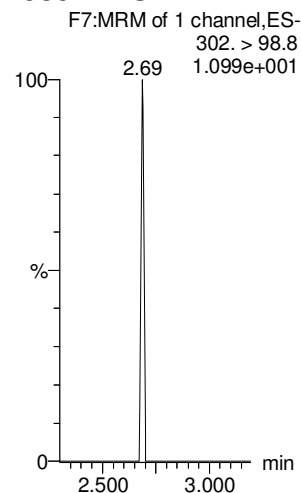
13C2-6:2 FTS



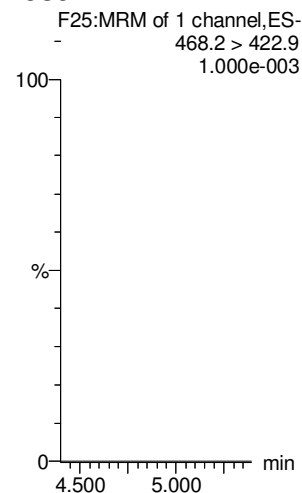
13C2-PFOA



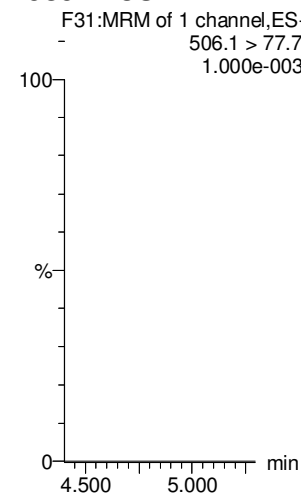
13C3-PFBS



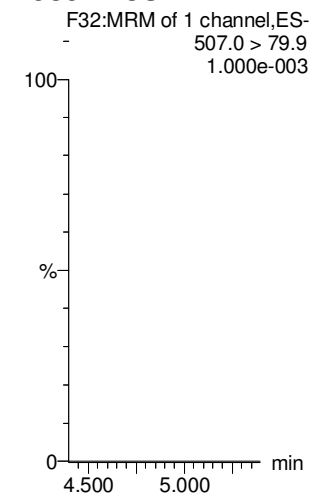
13C5-PFNA



13C8-PFOSA



13C8-PFOS



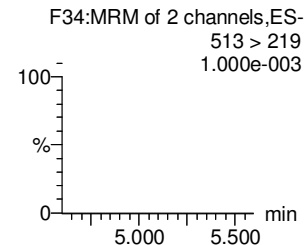
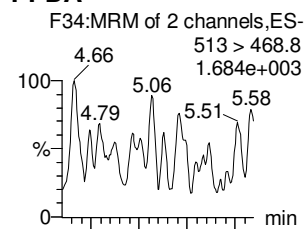
Dataset: U:\Q4.PRO\results\180110M3\180110M3_11.qld

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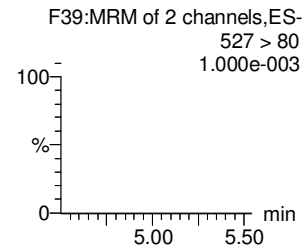
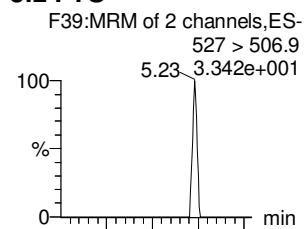
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Name: 180110M3_11, Date: 11-Jan-2018, Time: 11:14:39, ID: IPA, Description: IPA

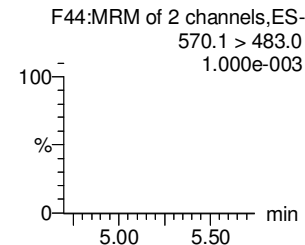
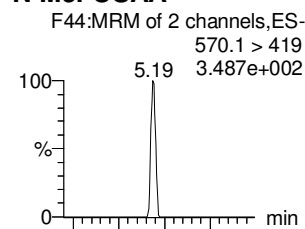
PFDA



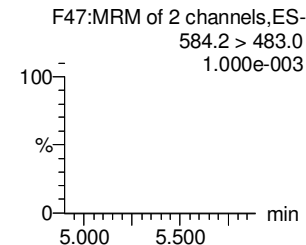
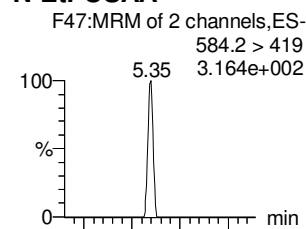
8:2 FTS



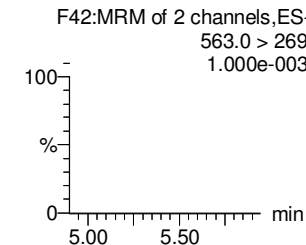
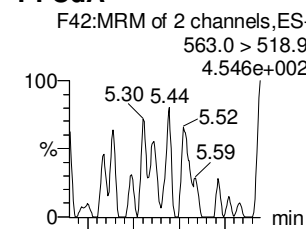
N-MeFOSAA



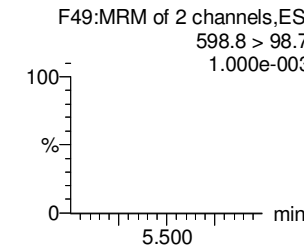
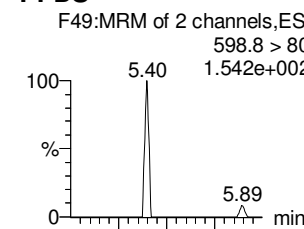
N-EtFOSAA



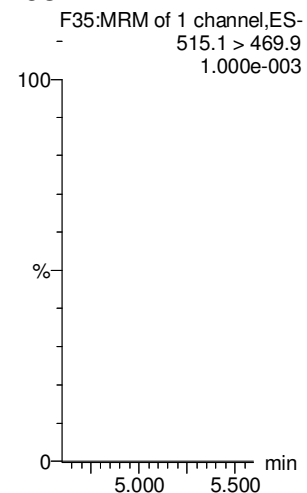
PFUdA



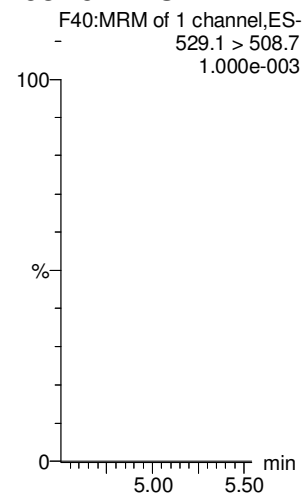
PFDS



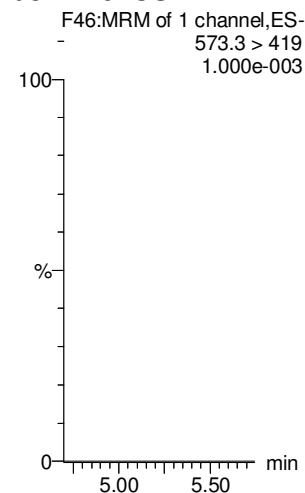
13C2-PFDA



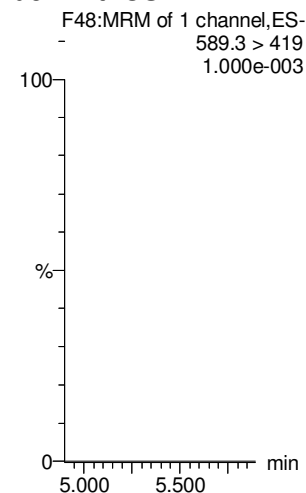
13C2-8:2 FTS



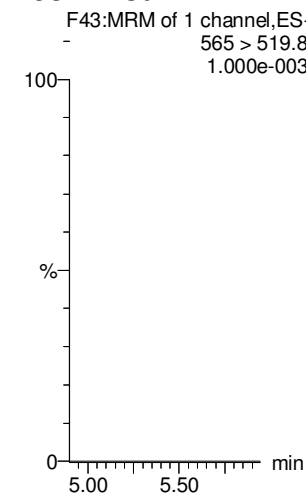
d3-N-MeFOSAA



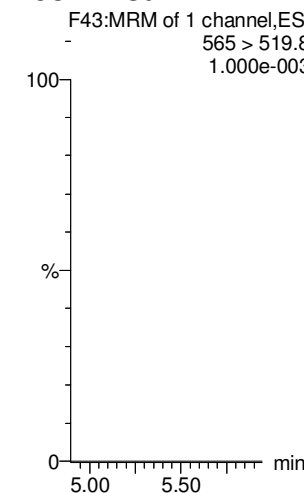
d5-N-EtFOSAA



13C2-PFUdA



13C2-PFUdA



Dataset: U:\Q4.PRO\results\180110M3\180110M3_11.qld

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Name: 180110M3_11, Date: 11-Jan-2018, Time: 11:14:39, ID: IPA, Description: IPA

PFD_oA

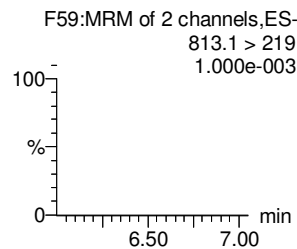
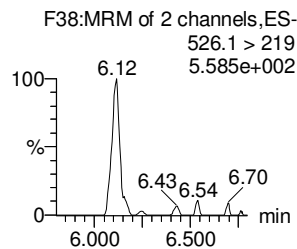
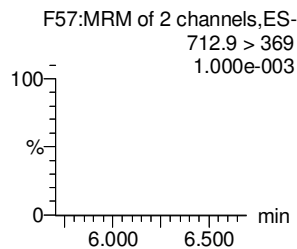
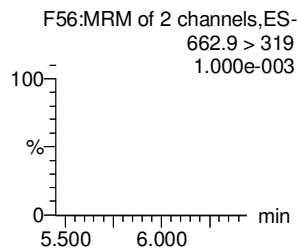
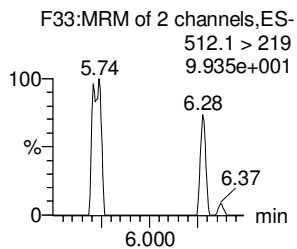
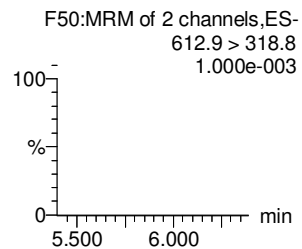
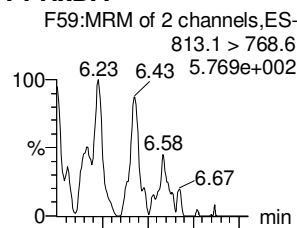
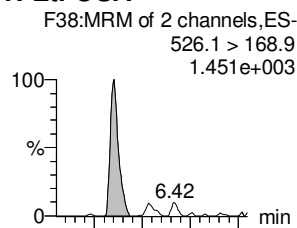
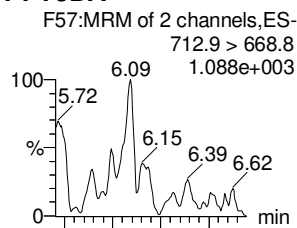
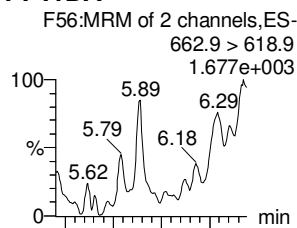
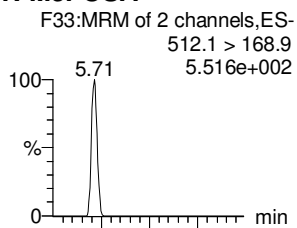
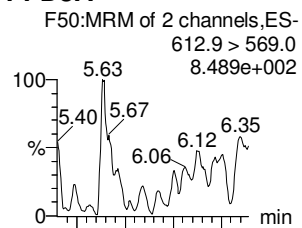
N-MeFOSA

PFT_rDA

PFT_eDA

N-EtFOSA

PFH_xDA



13C2-PFD_oA

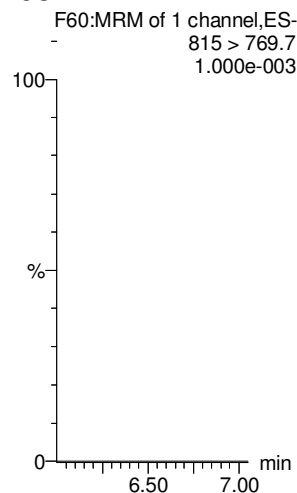
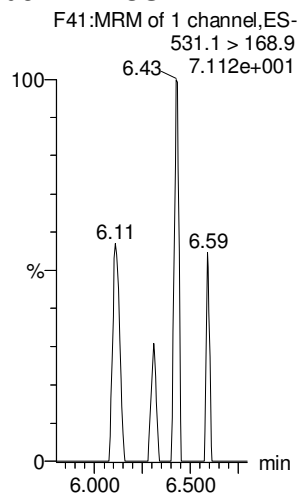
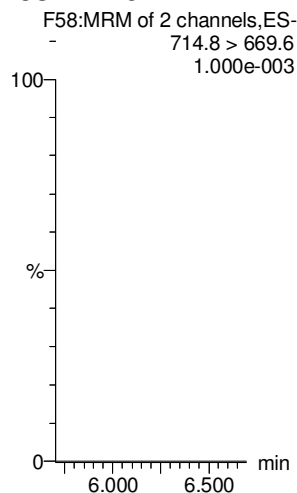
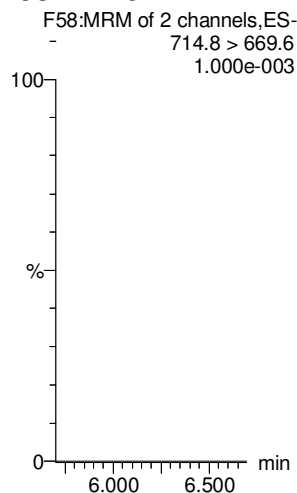
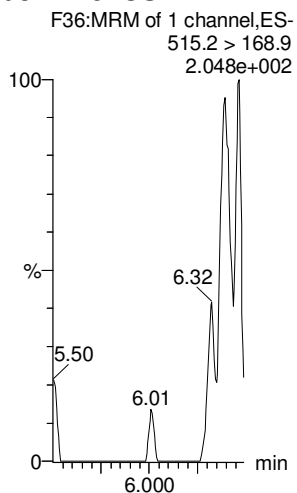
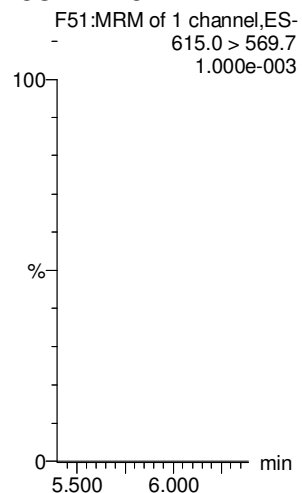
d3-N-MeFOSA

13C2-PFT_eDA

13C2-PFT_eDA

d5-N-ETFOSA

13C2-PFH_xDA



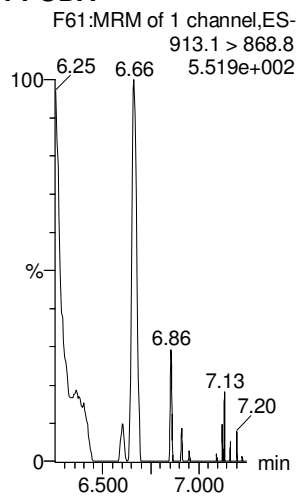
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Last Altered: Thursday, January 11, 2018 14:12:26 Pacific Standard Time

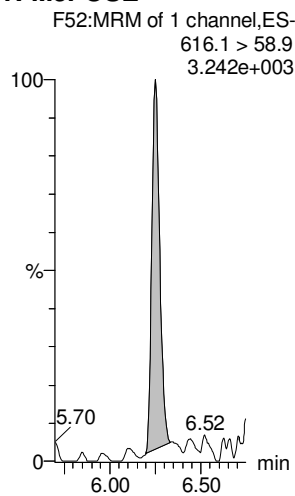
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Name: 180110M3_11, Date: 11-Jan-2018, Time: 11:14:39, ID: IPA, Description: IPA

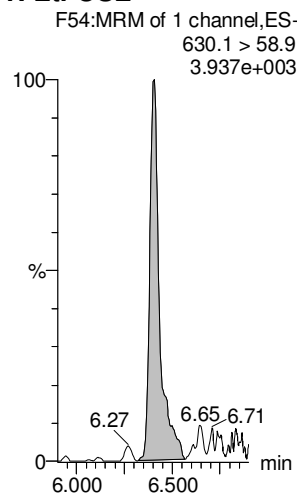
PFODA



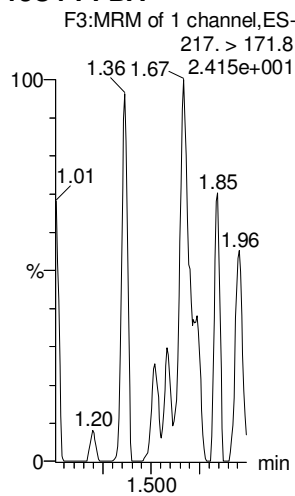
N-MeFOSE



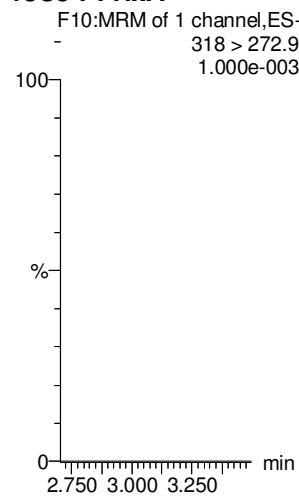
N-EtFOSE



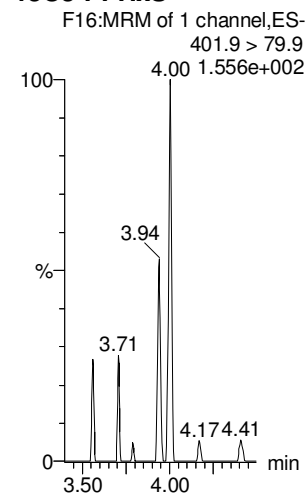
13C4-PFBA



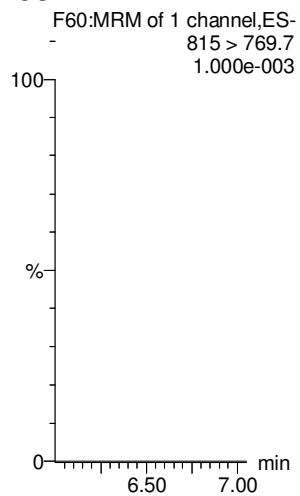
13C5-PFHxA



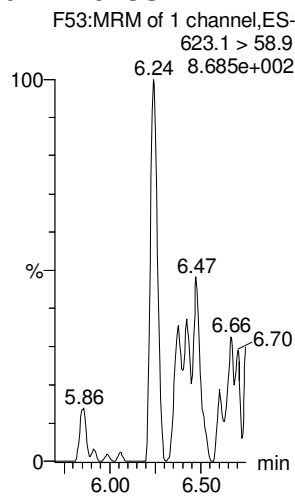
13C3-PFHxS



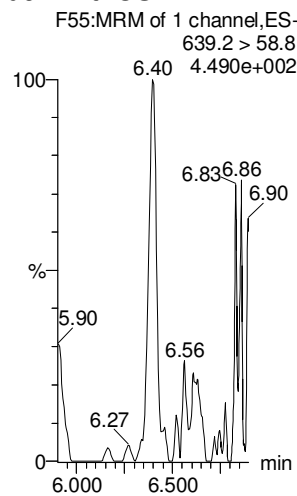
13C2-PFHxDA



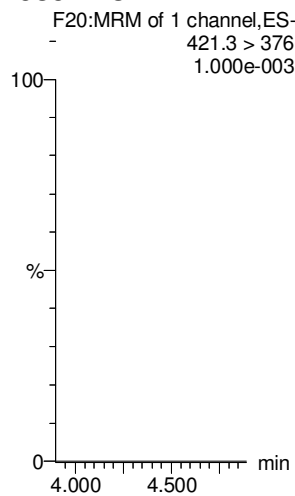
d7-N-MeFOSE



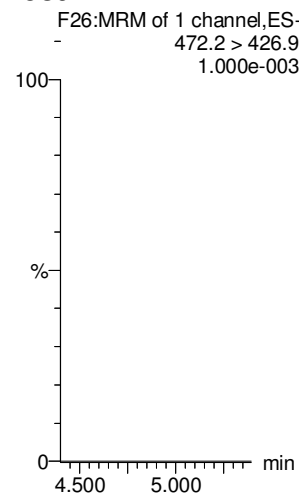
d9-N-EtFOSE



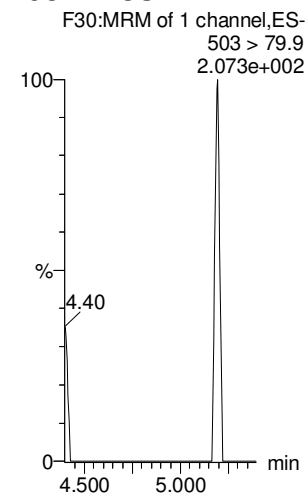
13C8-PFOA



13C9-PFNA



13C4-PFOS



Dataset: U:\Q4.PRO\results\180110M3\180110M3_11.qld

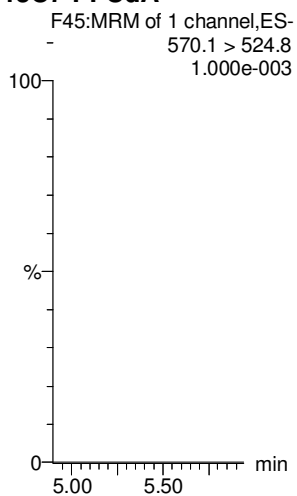
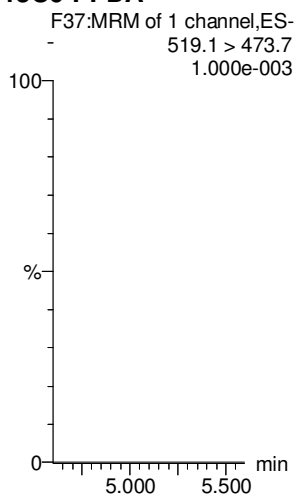
Last Altered: Thursday, January 11, 2018 14:12:26 Pacific Standard Time

Printed: Thursday, January 11, 2018 14:13:30 Pacific Standard Time

Name: 180110M3_11, Date: 11-Jan-2018, Time: 11:14:39, ID: IPA, Description: IPA

13C6-PFDA

13C7-PFUdA



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

PFDS < 70% in ICV.

Last Altered: Tuesday, January 16, 2018 10:22:57 Pacific Standard Time

Printed: Tuesday, January 16, 2018 10:29:14 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_011518.mdb 15 Jan 2018 11:38:30

Calibration: U:\Q4.PRO\CurveDB\IC18_VAL-PFAS_Q4_01-15-18-FULL-OLD.cdb 16 Jan 2018 10:22:57

DC
 1/16/18
 JHA-01/16/2018

Compound name: PFBA

Correlation coefficient: $r = 0.998579$, $r^2 = 0.997160$

Calibration curve: $1.33977 * x + -0.0328732$

Response type: Internal Std (Ref 31), 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 180115M2_1	Standard	0.250	1.53	169.362	8006.990	0.264	0.2	-11.2	NO	0.997	NO	bb
2	2 180115M2_2	Standard	0.500	1.53	462.377	8945.453	0.646	0.5	1.4	NO	0.997	NO	bb
3	3 180115M2_3	Standard	1.000	1.53	1135.743	11178.312	1.270	1.0	-2.8	NO	0.997	NO	bb
4	4 180115M2_4	Standard	2.000	1.53	2008.745	9860.501	2.546	1.9	-3.7	NO	0.997	NO	bb
5	5 180115M2_5	Standard	5.000	1.52	5607.313	10104.886	6.936	5.2	4.0	NO	0.997	NO	bb
6	6 180115M2_6	Standard	10.000	1.52	12518.734	10919.465	14.331	10.7	7.2	NO	0.997	NO	bb
7	7 180115M2_7	Standard	50.000	1.52	47957.504	9706.659	61.759	46.1	-7.8	NO	0.997	NO	bb
8	8 180115M2_8	Standard	100.000	1.52	99506.547	9008.640	138.071	103.1	3.1	NO	0.997	NO	bb

Compound name: PFPeA

Correlation coefficient: $r = 0.997990$, $r^2 = 0.995984$

Calibration curve: $1.15515 * x + -0.0327357$

Response type: Internal Std (Ref 32), 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 180115M2_1	Standard	0.250	2.48	169.733	8868.418	0.239	0.2	-5.8	NO	0.996	NO	MM
2	2 180115M2_2	Standard	0.500	2.48	456.397	10441.303	0.546	0.5	0.3	NO	0.996	NO	MM
3	3 180115M2_3	Standard	1.000	2.48	1148.539	13027.811	1.102	1.0	-1.8	NO	0.996	NO	MM
4	4 180115M2_4	Standard	2.000	2.48	2044.792	11372.540	2.248	2.0	-1.3	NO	0.996	NO	MM
5	5 180115M2_5	Standard	5.000	2.48	5892.852	11971.679	6.153	5.4	7.1	NO	0.996	NO	MM
6	6 180115M2_6	Standard	10.000	2.48	12361.923	12510.149	12.352	10.7	7.2	NO	0.996	NO	MM
7	7 180115M2_7	Standard	50.000	2.48	46897.496	11201.616	52.333	45.3	-9.3	NO	0.996	NO	MM
8	8 180115M2_8	Standard	100.000	2.48	99353.172	10375.532	119.696	103.6	3.6	NO	0.996	NO	MM

Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

Last Altered: Tuesday, January 16, 2018 10:22:57 Pacific Standard Time

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Compound name: PFBS

Coefficient of Determination: $R^2 = 0.996395$

Calibration curve: $0.00351371 * x^2 + 1.85665 * x + 0.254875$

Response type: Internal Std (Ref 33), 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	180115M2_1	Standard	0.250	2.75	57.475	1196.924	0.600	0.2	-25.6	NO	0.996	NO	MM
2	180115M2_2	Standard	0.500	2.75	97.312	1206.778	1.008	0.4	-18.9	NO	0.996	NO	bb
3	180115M2_3	Standard	1.000	2.75	267.604	1442.793	2.318	1.1	10.9	NO	0.996	NO	bb
4	180115M2_4	Standard	2.000	2.75	456.564	1290.825	4.421	2.2	11.7	NO	0.996	NO	bb
5	180115M2_5	Standard	5.000	2.74	1258.317	1432.762	10.978	5.7	14.3	NO	0.996	NO	bb
6	180115M2_6	Standard	10.000	2.75	2824.915	1624.717	21.734	11.3	13.3	NO	0.996	NO	bb
7	180115M2_7	Standard	50.000	2.75	9832.006	1307.205	94.017	46.4	-7.2	NO	0.996	NO	bb
8	180115M2_8	Standard	100.000	2.74	21516.695	1197.229	224.651	101.4	1.4	NO	0.996	NO	bb

Compound name: PFHxA

Correlation coefficient: $r = 0.996265$, $r^2 = 0.992544$

Calibration curve: $1.75438 * x + 0.0169924$

Response type: Internal Std (Ref 34), 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	180115M2_1	Standard	0.250	3.25	306.921	2798.348	0.548	0.3	21.2	NO	0.993	NO	bb
2	180115M2_2	Standard	0.500	3.25	548.713	3301.620	0.831	0.5	-7.2	NO	0.993	NO	bb
3	180115M2_3	Standard	1.000	3.25	1388.564	4246.745	1.635	0.9	-7.8	NO	0.993	NO	bb
4	180115M2_4	Standard	2.000	3.25	2429.710	3760.921	3.230	1.8	-8.4	NO	0.993	NO	bb
5	180115M2_5	Standard	5.000	3.25	7106.033	3739.436	9.501	5.4	8.1	NO	0.993	NO	bb
6	180115M2_6	Standard	10.000	3.25	14392.021	4073.186	17.667	10.1	0.6	NO	0.993	NO	bb
7	180115M2_7	Standard	50.000	3.25	53584.609	3489.034	76.790	43.8	-12.5	NO	0.993	NO	bb
8	180115M2_8	Standard	100.000	3.24	123063.164	3308.405	185.986	106.0	6.0	NO	0.993	NO	bb

Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

Last Altered: Tuesday, January 16, 2018 10:22:57 Pacific Standard Time

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Compound name: PFHpA

Correlation coefficient: $r = 0.997692$, $r^2 = 0.995389$

Calibration curve: $1.49645 * x + -0.0592287$

Response type: Internal Std (Ref 35), 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	180115M2_1	Standard	0.250	3.87	179.873	7169.426	0.314	0.2	-0.3	NO	0.995	NO	bb
2	180115M2_2	Standard	0.500	3.87	469.863	8300.460	0.708	0.5	2.5	NO	0.995	NO	bb
3	180115M2_3	Standard	1.000	3.87	1139.616	10064.894	1.415	1.0	-1.5	NO	0.995	NO	bb
4	180115M2_4	Standard	2.000	3.87	2080.912	8890.794	2.926	2.0	-0.3	NO	0.995	NO	bb
5	180115M2_5	Standard	5.000	3.87	5066.119	8790.349	7.204	4.9	-2.9	NO	0.995	NO	bb
6	180115M2_6	Standard	10.000	3.87	12529.151	9715.788	16.120	10.8	8.1	NO	0.995	NO	bb
7	180115M2_7	Standard	50.000	3.87	47028.797	8726.845	67.362	45.1	-9.9	NO	0.995	NO	bb
8	180115M2_8	Standard	100.000	3.86	101713.539	8149.912	156.004	104.3	4.3	NO	0.995	NO	bb

Compound name: L-PFHxS

Coefficient of Determination: $R^2 = 0.999726$

Calibration curve: $-0.0119577 * x^2 + 2.1128 * x + 0.0383417$

Response type: Internal Std (Ref 36), 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	180115M2_1	Standard	0.250	4.01	38.643	793.087	0.609	0.3	8.2	NO	1.000	NO	MM
2	180115M2_2	Standard	0.500	4.02	85.314	971.136	1.098	0.5	0.6	NO	1.000	NO	MM
3	180115M2_3	Standard	1.000	4.01	182.145	1035.130	2.200	1.0	2.9	NO	1.000	NO	MM
4	180115M2_4	Standard	2.000	4.01	349.074	1074.646	4.060	1.9	-3.8	NO	1.000	NO	MM
5	180115M2_5	Standard	5.000	4.01	873.617	1083.133	10.082	4.9	-2.2	NO	1.000	NO	MM
6	180115M2_6	Standard	10.000	4.01	1964.532	1211.424	20.271	10.2	1.6	NO	1.000	NO	MM
7	180115M2_7	Standard	50.000	4.01	6470.750	1067.766	75.751	50.0	-0.1	NO	1.000	NO	MM
8	180115M2_8	Standard	100.000	4.01	14751.116	1041.940	176.967			NO	1.000	NO	MMXI

Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

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Compound name: 6:2 FTS

Coefficient of Determination: $R^2 = 0.995384$

Calibration curve: $-0.00485621 * x^2 + 2.92773 * x + -0.123035$

Response type: Internal Std (Ref 36), 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 180115M2_1	Standard	0.250	4.32	28.815	793.087	0.454	0.2	-21.1	NO	0.995	NO	MM
2	2 180115M2_2	Standard	0.500	4.34	118.251	971.136	1.522	0.6	12.5	NO	0.995	NO	bb
3	3 180115M2_3	Standard	1.000	4.34	221.274	1035.130	2.672	1.0	-4.4	NO	0.995	NO	bb
4	4 180115M2_4	Standard	2.000	4.33	430.245	1074.646	5.004	1.8	-12.2	NO	0.995	NO	bb
5	5 180115M2_5	Standard	5.000	4.32	1149.229	1083.133	13.263	4.6	-7.9	NO	0.995	NO	bb
6	6 180115M2_6	Standard	10.000	4.33	3333.318	1211.424	34.395	12.0	20.3	NO	0.995	NO	bb
7	7 180115M2_7	Standard	50.000	4.33	10895.729	1067.766	127.553	47.3	-5.4	NO	0.995	NO	bb
8	8 180115M2_8	Standard	100.000	4.32	20578.084	1041.940	246.872	101.4	1.4	NO	0.995	NO	bb

Compound name: L-PFOA

Correlation coefficient: $r = 0.997397$, $r^2 = 0.994801$

Calibration curve: $1.11967 * x + 0.355683$

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 180115M2_1	Standard	0.250	4.38	600.230	11129.100	0.674	0.3	13.8	NO	0.995	NO	bb
2	2 180115M2_2	Standard	0.500	4.39	831.124	12054.782	0.862	0.5	-9.6	NO	0.995	NO	bb
3	3 180115M2_3	Standard	1.000	4.39	1444.660	13949.129	1.295	0.8	-16.1	NO	0.995	NO	bb
4	4 180115M2_4	Standard	2.000	4.38	2614.963	13294.508	2.459	1.9	-6.1	NO	0.995	NO	bb
5	5 180115M2_5	Standard	5.000	4.38	6889.996	12417.951	6.936	5.9	17.5	NO	0.995	NO	bb
6	6 180115M2_6	Standard	10.000	4.39	14997.181	15251.905	12.291	10.7	6.6	NO	0.995	NO	bb
7	7 180115M2_7	Standard	50.000	4.38	52255.660	12829.036	50.915	45.2	-9.7	NO	0.995	NO	bb
8	8 180115M2_8	Standard	100.000	4.38	105739.719	11359.297	116.358	103.6	3.6	NO	0.995	NO	bb

Vista Analytical Laboratory

Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

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Compound name: PFHpS

Coefficient of Determination: R² = 0.998980

Calibration curve: -0.00141138 * x² + 0.29869 * x + -0.030036

Response type: Internal Std (Ref 38), 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 180115M2_1	Standard	0.250	4.49	37.480	11129.10C	0.042	0.2	-3.3	NO	0.999	NO	MM
2	2 180115M2_2	Standard	0.500	4.49	130.063	12054.782	0.135	0.6	10.7	NO	0.999	NO	bb
3	3 180115M2_3	Standard	1.000	4.49	279.276	13949.129	0.250	0.9	-5.7	NO	0.999	NO	bb
4	4 180115M2_4	Standard	2.000	4.49	558.214	13294.508	0.525	1.9	-6.3	NO	0.999	NO	bb
5	5 180115M2_5	Standard	5.000	4.48	1514.899	12417.951	1.525	5.3	6.8	NO	0.999	NO	bb
6	6 180115M2_6	Standard	10.000	4.49	3361.794	15251.905	2.755	9.8	-2.2	NO	0.999	NO	bb
7	7 180115M2_7	Standard	50.000	4.49	11679.672	12829.036	11.380	50.0	0.1	NO	0.999	NO	bb
8	8 180115M2_8	Standard	100.000	4.48	25926.199	11359.297	28.530			NO	0.999	NO	bbXI

Compound name: PFNA

Coefficient of Determination: R² = 0.998251

Calibration curve: 0.00123227 * x² + 1.35269 * x + -0.0256811

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 180115M2_1	Standard	0.250	4.82	259.860	8611.178	0.377	0.3	19.1	NO	0.998	NO	bb
2	2 180115M2_2	Standard	0.500	4.82	449.605	10629.969	0.529	0.4	-18.1	NO	0.998	NO	bb
3	3 180115M2_3	Standard	1.000	4.82	1316.261	11370.316	1.447	1.1	8.8	NO	0.998	NO	bb
4	4 180115M2_4	Standard	2.000	4.81	2082.001	11056.825	2.354	1.8	-12.2	NO	0.998	NO	bb
5	5 180115M2_5	Standard	5.000	4.81	6798.414	13849.589	6.136	4.5	-9.3	NO	0.998	NO	bb
6	6 180115M2_6	Standard	10.000	4.81	15373.284	12422.833	15.469	11.3	13.4	NO	0.998	NO	bb
7	7 180115M2_7	Standard	50.000	4.81	56579.699	10235.261	69.099	48.9	-2.2	NO	0.998	NO	bb
8	8 180115M2_8	Standard	100.000	4.81	119351.391	10065.815	148.214	100.4	0.4	NO	0.998	NO	bb

Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

Last Altered: Tuesday, January 16, 2018 10:22:57 Pacific Standard Time
 Printed: Tuesday, January 16, 2018 10:29:14 Pacific Standard Time

Compound name: PFOSA

Correlation coefficient: $r = 0.999519$, $r^2 = 0.999039$

Calibration curve: $1.2051 * x + -0.0242098$

Response type: Internal Std (Ref 40), 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	180115M2_1	Standard	0.250	4.87	37.636	2018.146	0.233	0.2	-14.6	NO	0.999	NO	MM
2	180115M2_2	Standard	0.500	4.88	105.176	2450.537	0.536	0.5	-6.9	NO	0.999	NO	bb
3	180115M2_3	Standard	1.000	4.88	323.306	3263.926	1.238	1.0	4.8	NO	0.999	NO	bb
4	180115M2_4	Standard	2.000	4.88	552.892	2580.329	2.678	2.2	12.1	NO	0.999	NO	bb
5	180115M2_5	Standard	5.000	4.87	1393.146	2747.783	6.338	5.3	5.6	NO	0.999	NO	bb
6	180115M2_6	Standard	10.000	4.88	3058.177	3176.006	12.036	10.0	0.1	NO	0.999	NO	bb
7	180115M2_7	Standard	50.000	4.88	11742.631	2461.930	59.621	49.5	-1.0	NO	0.999	NO	bb
8	180115M2_8	Standard	100.000	4.87	25960.203	1976.078	164.215	136.3	36.3	NO	0.999	NO	bbX

Compound name: L-PFOS

Coefficient of Determination: $R^2 = 0.997719$

Calibration curve: $0.000945797 * x^2 + 1.10838 * x + -0.0443788$

Response type: Internal Std (Ref 41), 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	180115M2_1	Standard	0.250	4.89	39.696	2273.944	0.218	0.2	-5.3	NO	0.998	NO	MM
2	180115M2_2	Standard	0.500	4.90	100.584	2945.228	0.427	0.4	-15.0	NO	0.998	NO	MM
3	180115M2_3	Standard	1.000	4.89	310.652	3464.374	1.121	1.1	5.0	NO	0.998	NO	MM
4	180115M2_4	Standard	2.000	4.89	535.144	3222.043	2.076	1.9	-4.5	NO	0.998	NO	MM
5	180115M2_5	Standard	5.000	4.89	1476.891	2939.392	6.281	5.7	13.6	NO	0.998	NO	MM
6	180115M2_6	Standard	10.000	4.89	3408.097	3461.071	12.309	11.0	10.4	NO	0.998	NO	MM
7	180115M2_7	Standard	50.000	4.89	12781.024	2933.493	54.462	47.3	-5.5	NO	0.998	NO	MM
8	180115M2_8	Standard	100.000	4.89	23913.445	2455.447	121.737	101.1	1.1	NO	0.998	NO	MM

Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

Last Altered: Tuesday, January 16, 2018 10:22:57 Pacific Standard Time
 Printed: Tuesday, January 16, 2018 10:29:14 Pacific Standard Time

Compound name: PFDA

Coefficient of Determination: $R^2 = 0.996672$

Calibration curve: $0.0014094 * x^2 + 1.42444 * x + 0.0195565$

Response type: Internal Std (Ref 42), 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	180115M2_1	Standard	0.250	5.19	236.809	9117.220	0.325	0.2	-14.3	NO	0.997	NO	bb
2	180115M2_2	Standard	0.500	5.19	522.395	9259.429	0.705	0.5	-3.8	NO	0.997	NO	bb
3	180115M2_3	Standard	1.000	5.19	1297.286	10469.260	1.549	1.1	7.3	NO	0.997	NO	bb
4	180115M2_4	Standard	2.000	5.18	2358.456	11543.967	2.554	1.8	-11.2	NO	0.997	NO	bb
5	180115M2_5	Standard	5.000	5.18	6493.696	10095.664	8.040	5.6	12.0	NO	0.997	NO	bb
6	180115M2_6	Standard	10.000	5.19	13712.378	10322.235	16.605	11.5	15.1	NO	0.997	NO	bb
7	180115M2_7	Standard	50.000	5.19	49480.613	8868.471	69.742	46.8	-6.4	NO	0.997	NO	bb
8	180115M2_8	Standard	100.000	5.18	124944.242	9834.333	158.811	101.3	1.3	NO	0.997	NO	bb

Compound name: 8:2 FTS

Coefficient of Determination: $R^2 = 0.990883$

Calibration curve: $-0.00290289 * x^2 + 0.283311 * x + -0.0505687$

Response type: Internal Std (Ref 42), 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	180115M2_1	Standard	0.250	5.16	13.774	9117.220	0.019	0.2	-1.7	NO	0.991	NO	MM
2	180115M2_2	Standard	0.500	5.16	45.840	9259.429	0.062	0.4	-20.3	NO	0.991	NO	MM
3	180115M2_3	Standard	1.000	5.16	258.452	10469.260	0.309	1.3	28.5	NO	0.991	NO	bb
4	180115M2_4	Standard	2.000	5.16	452.092	11543.967	0.490	1.9	-2.7	NO	0.991	NO	bb
5	180115M2_5	Standard	5.000	5.16	994.999	10095.664	1.232	4.8	-4.8	NO	0.991	NO	bb
6	180115M2_6	Standard	10.000	5.16	2080.582	10322.235	2.520	10.1	1.2	NO	0.991	NO	bb
7	180115M2_7	Standard	50.000	5.16	10637.392	8868.471	14.993			NO	0.991	YES	bbXI
8	180115M2_8	Standard	100.000	5.15	18031.459	9834.333	22.919			NO	0.991	YES	bbXI

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Compound name: N-MeFOSAA

Coefficient of Determination: $R^2 = 0.999579$

Calibration curve: $-0.00488709 * x^2 + 1.70404 * x + -0.0213461$

Response type: Internal Std (Ref 44), 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 180115M2_1	Standard	0.250	5.34	110.162	3668.057	0.375	0.2	-6.8	NO	1.000	NO	bb
2	2 180115M2_2	Standard	0.500	5.34	278.179	4068.198	0.855	0.5	3.0	NO	1.000	NO	bb
3	3 180115M2_3	Standard	1.000	5.34	608.335	4941.718	1.539	0.9	-8.2	NO	1.000	NO	bb
4	4 180115M2_4	Standard	2.000	5.33	1231.249	4259.577	3.613	2.1	7.3	NO	1.000	NO	bb
5	5 180115M2_5	Standard	5.000	5.33	3181.715	4700.651	8.461	5.1	1.0	NO	1.000	NO	bb
6	6 180115M2_6	Standard	10.000	5.34	6179.386	4734.263	16.316	9.9	-1.3	NO	1.000	NO	bb
7	7 180115M2_7	Standard	50.000	5.33	28100.633	4812.376	72.991	50.0	0.0	NO	1.000	NO	bb
8	8 180115M2_8	Standard	100.000	5.33	46974.879	4204.535	139.655	131.7	31.7	NO	1.000	NO	bbX

Compound name: N-EtFOSAA

Coefficient of Determination: $R^2 = 0.999053$

Calibration curve: $-0.0014328 * x^2 + 1.31318 * x + -0.0721789$

Response type: Internal Std (Ref 45), 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 180115M2_1	Standard	0.250	5.49	100.263	4291.856	0.292	0.3	11.0	NO	0.999	NO	bb
2	2 180115M2_2	Standard	0.500	5.49	161.902	4807.261	0.421	0.4	-24.9	NO	0.999	NO	bb
3	3 180115M2_3	Standard	1.000	5.49	569.706	5925.357	1.202	1.0	-2.9	NO	0.999	NO	bb
4	4 180115M2_4	Standard	2.000	5.49	867.935	4489.890	2.416	1.9	-5.1	NO	0.999	NO	bb
5	5 180115M2_5	Standard	5.000	5.49	2512.091	5242.137	5.990	4.6	-7.2	NO	0.999	NO	bb
6	6 180115M2_6	Standard	10.000	5.49	6584.632	5935.848	13.866	10.7	7.4	NO	0.999	NO	bb
7	7 180115M2_7	Standard	50.000	5.49	21965.389	4444.999	61.770	49.8	-0.4	NO	0.999	NO	bb
8	8 180115M2_8	Standard	100.000	5.48	40613.773	4340.295	116.967	100.0	0.0	NO	0.999	NO	bb

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Compound name: PFUDa

Coefficient of Determination: R² = 0.996917

Calibration curve: -0.00723799 * x² + 1.36957 * x + -0.252476

Response type: Internal Std (Ref 46), 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 180115M2_1	Standard	0.250	5.51	291.033	10659.157	0.341	0.4	73.8	NO	0.997	NO	bbX
2	2 180115M2_2	Standard	0.500	5.51	541.356	12827.074	0.528	0.6	14.3	NO	0.997	NO	bb
3	3 180115M2_3	Standard	1.000	5.51	1323.581	14368.888	1.151	1.0	3.1	NO	0.997	NO	bb
4	4 180115M2_4	Standard	2.000	5.50	1949.719	12801.493	1.904	1.6	-20.6	NO	0.997	NO	bb
5	5 180115M2_5	Standard	5.000	5.50	5686.633	11208.095	6.342	4.9	-1.1	NO	0.997	NO	bb
6	6 180115M2_6	Standard	10.000	5.51	14467.421	13602.793	13.295	10.5	4.7	NO	0.997	NO	bb
7	7 180115M2_7	Standard	50.000	5.50	48741.223	12174.631	50.044	49.9	-0.3	NO	0.997	NO	bb
8	8 180115M2_8	Standard	100.000	5.50	109631.352	10688.771	128.209			NO	0.997	NO	bbXI

Compound name: PFDS

Coefficient of Determination: R² = 0.995370

Calibration curve: -0.00111201 * x² + 0.354642 * x + -0.0526574

Response type: Internal Std (Ref 46), 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 180115M2_1	Standard	0.250	5.55	49.403	10659.157	0.058	0.3	24.9	NO	0.995	NO	MM
2	2 180115M2_2	Standard	0.500	5.56	81.719	12827.074	0.080	0.4	-25.3	NO	0.995	NO	MM
3	3 180115M2_3	Standard	1.000	5.55	298.787	14368.888	0.260	0.9	-11.6	NO	0.995	NO	bb
4	4 180115M2_4	Standard	2.000	5.55	698.640	12801.493	0.682	2.1	4.3	NO	0.995	NO	bb
5	5 180115M2_5	Standard	5.000	5.55	1750.839	11208.095	1.953	5.8	15.2	NO	0.995	NO	bb
6	6 180115M2_6	Standard	10.000	5.55	3408.681	13602.793	3.132	9.2	-7.5	NO	0.995	NO	bb
7	7 180115M2_7	Standard	50.000	5.55	14534.954	12174.631	14.923	50.1	0.2	NO	0.995	NO	bb
8	8 180115M2_8	Standard	100.000	5.55	29850.322	10688.771	34.909			NO	0.995	NO	bbXI

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Compound name: PFDoA

Coefficient of Determination: $R^2 = 0.996448$

Calibration curve: $0.00269229 * x^2 + 1.39884 * x + 0.292328$

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 180115M2_1	Standard	0.250	5.79	300.361	6851.029	0.548	0.2	-26.9	NO	0.996	NO	bd
2	2 180115M2_2	Standard	0.500	5.79	604.702	8538.500	0.885	0.4	-15.3	NO	0.996	NO	bd
3	3 180115M2_3	Standard	1.000	5.79	1422.547	10789.430	1.648	1.0	-3.3	NO	0.996	NO	bd
4	4 180115M2_4	Standard	2.000	5.78	2700.776	9022.085	3.742	2.5	22.7	NO	0.996	NO	bd
5	5 180115M2_5	Standard	5.000	5.78	7561.792	10734.802	8.805	6.0	20.3	NO	0.996	NO	bd
6	6 180115M2_6	Standard	10.000	5.78	15299.965	12215.312	15.657	10.8	7.6	NO	0.996	NO	bd
7	7 180115M2_7	Standard	50.000	5.78	57159.984	9999.913	71.451	46.7	-6.6	NO	0.996	NO	bb
8	8 180115M2_8	Standard	100.000	5.78	110208.867	8119.767	169.661	101.3	1.3	NO	0.996	NO	bd

Compound name: N-MeFOSA

Correlation coefficient: $r = 0.999161$, $r^2 = 0.998323$

Calibration curve: $1.1181 * x + -0.100317$

Response type: Internal Std (Ref 48), 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 180115M2_1	Standard	1.250	5.84	138.791	15969.864	1.304	1.3	0.5	NO	0.998	NO	bb
2	2 180115M2_2	Standard	2.500	5.84	298.599	17622.953	2.542	2.4	-5.5	NO	0.998	NO	bb
3	3 180115M2_3	Standard	5.000	5.84	735.826	21395.508	5.159	4.7	-5.9	NO	0.998	NO	bb
4	4 180115M2_4	Standard	10.000	5.84	1273.874	18699.383	10.219	9.2	-7.7	NO	0.998	NO	bb
5	5 180115M2_5	Standard	25.000	5.84	3744.515	19396.660	28.957	26.0	4.0	NO	0.998	NO	bb
6	6 180115M2_6	Standard	50.000	5.84	8920.301	21606.223	61.929	55.5	11.0	NO	0.998	NO	bb
7	7 180115M2_7	Standard	250.000	5.84	31396.402	17688.914	266.238	238.2	-4.7	NO	0.998	NO	bb
8	8 180115M2_8	Standard	500.000	5.84	64370.148	17051.773	566.247	506.5	1.3	NO	0.998	NO	bb

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Compound name: PFTrDA

Coefficient of Determination: R^2 = 0.997156

Calibration curve: $-0.000208194 * x^2 + 2.13661 * x + 0.0644742$

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 180115M2_1	Standard	0.250	6.03	345.115	6851.029	0.630	0.3	5.8	NO	0.997	NO	bb
2	2 180115M2_2	Standard	0.500	6.03	831.761	8538.500	1.218	0.5	8.0	NO	0.997	NO	bb
3	3 180115M2_3	Standard	1.000	6.03	1617.529	10789.430	1.874	0.8	-15.3	NO	0.997	NO	bb
4	4 180115M2_4	Standard	2.000	6.03	3191.131	9022.085	4.421	2.0	2.0	NO	0.997	NO	bb
5	5 180115M2_5	Standard	5.000	6.03	7888.307	10734.802	9.185	4.3	-14.6	NO	0.997	NO	bb
6	6 180115M2_6	Standard	10.000	6.03	24356.207	12215.312	24.924	11.6	16.5	NO	0.997	NO	bb
7	7 180115M2_7	Standard	50.000	6.03	82605.594	9999.913	103.258	48.5	-2.9	NO	0.997	NO	bb
8	8 180115M2_8	Standard	100.000	6.03	138314.813	8119.767	212.929	100.6	0.6	NO	0.997	NO	bb

Compound name: PFTeDA

Coefficient of Determination: R^2 = 0.990929

Calibration curve: $-0.0220572 * x^2 + 3.53283 * x + -0.322211$

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 180115M2_1	Standard	0.250	6.24	230.708	3811.400	0.757	0.3	22.4	NO	0.991	NO	MM
2	2 180115M2_2	Standard	0.500	6.24	526.336	4625.902	1.422	0.5	-0.9	NO	0.991	NO	MM
3	3 180115M2_3	Standard	1.000	6.24	1174.005	5784.110	2.537	0.8	-18.7	NO	0.991	NO	MM
4	4 180115M2_4	Standard	2.000	6.23	2327.498	4166.997	6.982	2.1	4.7	NO	0.991	NO	bb
5	5 180115M2_5	Standard	5.000	6.23	5510.744	5054.189	13.629	4.1	-19.0	NO	0.991	NO	MM
6	6 180115M2_6	Standard	10.000	6.24	15163.117	5187.430	36.538	11.2	12.2	NO	0.991	NO	MM
7	7 180115M2_7	Standard	50.000	6.23	46221.027	4785.019	120.744	49.7	-0.6	NO	0.991	NO	bb
8	8 180115M2_8	Standard	100.000	6.23	113973.711	5518.160	258.179			NO	0.991	NO	bbXI

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Compound name: N-EtFOSA

Coefficient of Determination: $R^2 = 0.998672$

Calibration curve: $7.78779e-006 * x^2 + 1.00573 * x + -0.161262$

Response type: Internal Std (Ref 50), 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 180115M2_1	Standard	1.250	6.21	150.663	23192.393	0.974	1.1	-9.7	NO	0.999	NO	bb
2	2 180115M2_2	Standard	2.500	6.20	406.969	25547.748	2.389	2.5	1.4	NO	0.999	NO	bb
3	3 180115M2_3	Standard	5.000	6.20	1002.338	31434.623	4.783	4.9	-1.7	NO	0.999	NO	bb
4	4 180115M2_4	Standard	10.000	6.20	1755.511	27705.471	9.505	9.6	-3.9	NO	0.999	NO	bb
5	5 180115M2_5	Standard	25.000	6.20	5156.592	28494.203	27.145	27.1	8.6	NO	0.999	NO	bb
6	6 180115M2_6	Standard	50.000	6.21	11703.195	32255.756	54.424	54.3	8.5	NO	0.999	NO	bb
7	7 180115M2_7	Standard	250.000	6.21	40516.031	25211.236	241.059	239.4	-4.2	NO	0.999	NO	bb
8	8 180115M2_8	Standard	500.000	6.20	83391.828	24552.484	509.471	504.8	1.0	NO	0.999	NO	bb

Compound name: PFHxDA

Coefficient of Determination: $R^2 = 0.994875$

Calibration curve: $-0.000963947 * x^2 + 0.816406 * x + 0.115618$

Response type: Internal Std (Ref 51), 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 180115M2_1	Standard	0.250	6.54	123.810	2113.428	0.293	0.2	-13.1	NO	0.995	NO	bb
2	2 180115M2_2	Standard	0.500	6.54	258.296	2775.093	0.465	0.4	-14.3	NO	0.995	NO	bb
3	3 180115M2_3	Standard	1.000	6.54	613.721	3282.116	0.935	1.0	0.5	NO	0.995	NO	bb
4	4 180115M2_4	Standard	2.000	6.54	951.224	2733.865	1.740	2.0	-0.3	NO	0.995	NO	bb
5	5 180115M2_5	Standard	5.000	6.54	2968.312	2890.199	5.135	6.2	23.9	NO	0.995	NO	bb
6	6 180115M2_6	Standard	10.000	6.54	5757.014	3217.573	8.946	11.0	9.6	NO	0.995	NO	bb
7	7 180115M2_7	Standard	50.000	6.54	23373.615	3292.356	35.497	45.8	-8.4	NO	0.995	NO	bb
8	8 180115M2_8	Standard	100.000	6.54	44946.250	3057.260	73.507	102.2	2.2	NO	0.995	NO	bb

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Compound name: PFODA

Coefficient of Determination: R² = 0.998411

Calibration curve: $-0.00110371 * x^2 + 0.927917 * x + 0.0174073$

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	1 180115M2_1	Standard	0.250	6.77	115.014	2113.428	0.272	0.3	9.8	NO	0.998	NO	bb
2	2 180115M2_2	Standard	0.500	6.77	242.942	2775.093	0.438	0.5	-9.4	NO	0.998	NO	MM
3	3 180115M2_3	Standard	1.000	6.77	550.045	3282.116	0.838	0.9	-11.5	NO	0.998	NO	bb
4	4 180115M2_4	Standard	2.000	6.76	1100.954	2733.865	2.014	2.2	7.8	NO	0.998	NO	bb
5	5 180115M2_5	Standard	5.000	6.76	2821.314	2890.199	4.881	5.3	5.5	NO	0.998	NO	bb
6	6 180115M2_6	Standard	10.000	6.76	6417.821	3217.573	9.973	10.9	8.7	NO	0.998	NO	bb
7	7 180115M2_7	Standard	50.000	6.76	27476.373	3292.356	41.728	47.7	-4.7	NO	0.998	NO	bb
8	8 180115M2_8	Standard	100.000	6.76	50531.801	3057.260	82.642	101.2	1.2	NO	0.998	NO	bb

Compound name: N-MeFOSE

Coefficient of Determination: R² = 0.995669

Calibration curve: $-0.000576302 * x^2 + 1.20032 * x + -0.665296$

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 180115M2_1	Standard	1.250	6.30	174.170	20888.145	1.251	1.6	27.8	NO	0.996	NO	bb
2	2 180115M2_2	Standard	2.500	6.30	360.986	26082.570	2.076	2.3	-8.5	NO	0.996	NO	bb
3	3 180115M2_3	Standard	5.000	6.31	977.036	31250.859	4.690	4.5	-10.6	NO	0.996	NO	bb
4	4 180115M2_4	Standard	10.000	6.30	2180.307	29842.697	10.959	9.7	-2.7	NO	0.996	NO	bb
5	5 180115M2_5	Standard	25.000	6.30	6234.112	30325.629	30.836	26.6	6.3	NO	0.996	NO	bd
6	6 180115M2_6	Standard	50.000	6.30	11465.369	35709.676	48.161	41.5	-17.0	NO	0.996	NO	bd
7	7 180115M2_7	Standard	250.000	6.31	46049.070	24759.139	278.982	267.3	6.9	NO	0.996	NO	bb
8	8 180115M2_8	Standard	500.000	6.30	86639.500	28975.107	448.520	489.1	-2.2	NO	0.996	NO	bb

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Compound name: N-EtFOSE

Coefficient of Determination: $R^2 = 0.999660$

Calibration curve: $0.00097229 * x^2 + 1.15972 * x + 0.350902$

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	180115M2_1	Standard	1.250	6.45	222.976	22450.639	1.490	1.0	-21.5	NO	1.000	NO	bb
2	180115M2_2	Standard	2.500	6.46	541.090	21303.693	3.810	3.0	19.0	NO	1.000	NO	bb
3	180115M2_3	Standard	5.000	6.45	1251.249	31097.133	6.036	4.9	-2.4	NO	1.000	NO	bb
4	180115M2_4	Standard	10.000	6.45	2353.475	27869.063	12.667	10.5	5.3	NO	1.000	NO	bb
5	180115M2_5	Standard	25.000	6.45	5290.171	27858.053	28.485	23.8	-4.9	NO	1.000	NO	bb
6	180115M2_6	Standard	50.000	6.46	12232.546	28613.766	64.126	52.7	5.3	NO	1.000	NO	bd
7	180115M2_7	Standard	250.000	6.46	51195.125	22170.844	346.368	247.2	-1.1	NO	1.000	NO	bb
8	180115M2_8	Standard	500.000	6.45	111534.742	20270.486	825.348	501.0	0.2	NO	1.000	NO	bd

Compound name: 13C3-PFBA

Response Factor: 0.779165

RRF SD: 0.0334129, Relative SD: 4.2883

Response type: Internal Std (Ref 54), 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	180115M2_1	Standard	12.500	1.53	8006.990	10061.779	9.947	12.8	2.1	NO		NO	bb
2	180115M2_2	Standard	12.500	1.52	8945.453	11662.093	9.588	12.3	-1.6	NO		NO	bb
3	180115M2_3	Standard	12.500	1.52	11178.312	14677.296	9.520	12.2	-2.3	NO		NO	bb
4	180115M2_4	Standard	12.500	1.52	9860.501	12356.659	9.975	12.8	2.4	NO		NO	bb
5	180115M2_5	Standard	12.500	1.52	10104.886	13477.931	9.372	12.0	-3.8	NO		NO	bb
6	180115M2_6	Standard	12.500	1.52	10919.465	14699.104	9.286	11.9	-4.7	NO		NO	bb
7	180115M2_7	Standard	12.500	1.52	9706.659	11470.707	10.578	13.6	8.6	NO		NO	bb
8	180115M2_8	Standard	12.500	1.52	9008.640	11668.103	9.651	12.4	-0.9	NO		NO	bb

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Compound name: 13C3-PFPeA

Response Factor: 0.796717

RRF SD: 0.0707195, Relative SD: 8.87636

Response type: Internal Std (Ref 55), 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 180115M2_1	Standard	12.500	2.48	8868.418	12455.272	8.900	11.2	-10.6	NO		NO	bb
2	2 180115M2_2	Standard	12.500	2.48	10441.303	12561.499	10.390	13.0	4.3	NO		NO	bb
3	3 180115M2_3	Standard	12.500	2.48	13027.811	16767.305	9.712	12.2	-2.5	NO		NO	bb
4	4 180115M2_4	Standard	12.500	2.48	11372.540	14101.621	10.081	12.7	1.2	NO		NO	bb
5	5 180115M2_5	Standard	12.500	2.48	11971.679	15840.523	9.447	11.9	-5.1	NO		NO	bb
6	6 180115M2_6	Standard	12.500	2.48	12510.149	16157.200	9.678	12.1	-2.8	NO		NO	bb
7	7 180115M2_7	Standard	12.500	2.48	11201.616	11804.778	11.861	14.9	19.1	NO		NO	bb
8	8 180115M2_8	Standard	12.500	2.48	10375.532	13507.876	9.601	12.1	-3.6	NO		NO	bb

Compound name: 13C3-PFBS

Response Factor: 0.0950157

RRF SD: 0.00787595, Relative SD: 8.2891

Response type: Internal Std (Ref 55), 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 180115M2_1	Standard	12.500	2.75	1196.924	12455.272	1.201	12.6	1.1	NO		NO	bb
2	2 180115M2_2	Standard	12.500	2.75	1206.778	12561.499	1.201	12.6	1.1	NO		NO	bb
3	3 180115M2_3	Standard	12.500	2.75	1442.793	16767.305	1.076	11.3	-9.4	NO		NO	bb
4	4 180115M2_4	Standard	12.500	2.75	1290.825	14101.621	1.144	12.0	-3.7	NO		NO	bb
5	5 180115M2_5	Standard	12.500	2.75	1432.762	15840.523	1.131	11.9	-4.8	NO		NO	bb
6	6 180115M2_6	Standard	12.500	2.75	1624.717	16157.200	1.257	13.2	5.8	NO		NO	bb
7	7 180115M2_7	Standard	12.500	2.75	1307.205	11804.778	1.384	14.6	16.5	NO		NO	bb
8	8 180115M2_8	Standard	12.500	2.75	1197.229	13507.876	1.108	11.7	-6.7	NO		NO	bb

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Compound name: 13C2-PFHxA

Response Factor: 0.636292

RRF SD: 0.0537257, Relative SD: 8.44356

Response type: Internal Std (Ref 55), 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 180115M2_1	Standard	5.000	3.25	2798.348	12455.272	2.808	4.4	-11.7	NO		NO	bb
2	2 180115M2_2	Standard	5.000	3.25	3301.620	12561.499	3.285	5.2	3.3	NO		NO	bb
3	3 180115M2_3	Standard	5.000	3.25	4246.745	16767.305	3.166	5.0	-0.5	NO		NO	bb
4	4 180115M2_4	Standard	5.000	3.25	3760.921	14101.621	3.334	5.2	4.8	NO		NO	bb
5	5 180115M2_5	Standard	5.000	3.25	3739.436	15840.523	2.951	4.6	-7.2	NO		NO	bb
6	6 180115M2_6	Standard	5.000	3.25	4073.186	16157.200	3.151	5.0	-1.0	NO		NO	bb
7	7 180115M2_7	Standard	5.000	3.25	3489.034	11804.778	3.695	5.8	16.1	NO		NO	bb
8	8 180115M2_8	Standard	5.000	3.24	3308.405	13507.876	3.062	4.8	-3.8	NO		NO	bb

Compound name: 13C4-PFHpA

Response Factor: 0.620752

RRF SD: 0.0575853, Relative SD: 9.2767

Response type: Internal Std (Ref 55), 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 180115M2_1	Standard	12.500	3.87	7169.426	12455.272	7.195	11.6	-7.3	NO		NO	bb
2	2 180115M2_2	Standard	12.500	3.87	8300.460	12561.499	8.260	13.3	6.4	NO		NO	bb
3	3 180115M2_3	Standard	12.500	3.87	10064.894	16767.305	7.503	12.1	-3.3	NO		NO	bb
4	4 180115M2_4	Standard	12.500	3.87	8890.794	14101.621	7.881	12.7	1.6	NO		NO	bb
5	5 180115M2_5	Standard	12.500	3.87	8790.349	15840.523	6.937	11.2	-10.6	NO		NO	bb
6	6 180115M2_6	Standard	12.500	3.87	9715.788	16157.200	7.517	12.1	-3.1	NO		NO	bb
7	7 180115M2_7	Standard	12.500	3.87	8726.845	11804.778	9.241	14.9	19.1	NO		NO	bb
8	8 180115M2_8	Standard	12.500	3.86	8149.912	13507.876	7.542	12.1	-2.8	NO		NO	bb

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Compound name: 18O2-PFHxS

Response Factor: 0.335817

RRF SD: 0.0498507, Relative SD: 14.8446

Response type: Internal Std (Ref 56), 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 180115M2_1	Standard	12.500	4.01	793.087	2804.372	3.535	10.5	-15.8	NO		NO	bb
2	2 180115M2_2	Standard	12.500	4.01	971.136	3149.166	3.855	11.5	-8.2	NO		NO	bb
3	3 180115M2_3	Standard	12.500	4.01	1035.130	3283.306	3.941	11.7	-6.1	NO		NO	bb
4	4 180115M2_4	Standard	12.500	4.01	1074.646	3088.549	4.349	13.0	3.6	NO		NO	bb
5	5 180115M2_5	Standard	12.500	4.01	1083.133	3535.805	3.829	11.4	-8.8	NO		NO	bb
6	6 180115M2_6	Standard	12.500	4.01	1211.424	3990.885	3.794	11.3	-9.6	NO		NO	bb
7	7 180115M2_7	Standard	12.500	4.01	1067.766	2610.740	5.112	15.2	21.8	NO		NO	bb
8	8 180115M2_8	Standard	12.500	4.01	1041.940	2521.238	5.166	15.4	23.1	NO		NO	bb

Compound name: 13C2-6:2 FTS

Response Factor: 0.192395

RRF SD: 0.0380277, Relative SD: 19.7655

Response type: Internal Std (Ref 57), 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 180115M2_1	Standard	12.500	4.33	1703.521	11387.326	1.870	9.7	-22.2	NO		NO	bb
2	2 180115M2_2	Standard	12.500	4.33	2145.071	12172.035	2.203	11.4	-8.4	NO		NO	bb
3	3 180115M2_3	Standard	12.500	4.33	2487.351	13726.202	2.265	11.8	-5.8	NO		NO	bb
4	4 180115M2_4	Standard	12.500	4.33	2144.726	13300.389	2.016	10.5	-16.2	NO		NO	bb
5	5 180115M2_5	Standard	12.500	4.33	2742.800	12814.540	2.675	13.9	11.2	NO		NO	bb
6	6 180115M2_6	Standard	12.500	4.33	2540.768	15285.250	2.078	10.8	-13.6	NO		NO	bb
7	7 180115M2_7	Standard	12.500	4.33	2945.466	11556.618	3.186	16.6	32.5	NO		NO	bb
8	8 180115M2_8	Standard	12.500	4.32	2820.117	11963.216	2.947	15.3	22.5	NO		NO	bb

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Compound name: 13C2-PFOA

Response Factor: 1.00125

RRF SD: 0.0485388, Relative SD: 4.84783

Response type: Internal Std (Ref 57), 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 180115M2_1	Standard	12.500	4.38	11129.100	11387.326	12.217	12.2	-2.4	NO		NO	bb
2	2 180115M2_2	Standard	12.500	4.39	12054.782	12172.035	12.380	12.4	-1.1	NO		NO	bb
3	3 180115M2_3	Standard	12.500	4.39	13949.129	13726.202	12.703	12.7	1.5	NO		NO	bb
4	4 180115M2_4	Standard	12.500	4.38	13294.508	13300.389	12.494	12.5	-0.2	NO		NO	bb
5	5 180115M2_5	Standard	12.500	4.38	12417.951	12814.540	12.113	12.1	-3.2	NO		NO	bb
6	6 180115M2_6	Standard	12.500	4.38	15251.905	15285.250	12.473	12.5	-0.3	NO		NO	bb
7	7 180115M2_7	Standard	12.500	4.38	12829.036	11556.618	13.876	13.9	10.9	NO		NO	bb
8	8 180115M2_8	Standard	12.500	4.38	11359.297	11963.216	11.869	11.9	-5.2	NO		NO	bb

Compound name: 13C5-PFNA

Response Factor: 0.810837

RRF SD: 0.0778338, Relative SD: 9.59919

Response type: Internal Std (Ref 58), 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 180115M2_1	Standard	12.500	4.81	8611.178	9887.708	10.886	13.4	7.4	NO		NO	bb
2	2 180115M2_2	Standard	12.500	4.82	10629.969	14541.915	9.137	11.3	-9.8	NO		NO	bb
3	3 180115M2_3	Standard	12.500	4.81	11370.316	15659.906	9.076	11.2	-10.5	NO		NO	bb
4	4 180115M2_4	Standard	12.500	4.81	11056.825	14165.005	9.757	12.0	-3.7	NO		NO	bb
5	5 180115M2_5	Standard	12.500	4.81	13849.589	14881.775	11.633	14.3	14.8	NO		NO	bb
6	6 180115M2_6	Standard	12.500	4.81	12422.833	16690.238	9.304	11.5	-8.2	NO		NO	bb
7	7 180115M2_7	Standard	12.500	4.81	10235.261	11566.101	11.062	13.6	9.1	NO		NO	bb
8	8 180115M2_8	Standard	12.500	4.81	10065.815	12301.464	10.228	12.6	0.9	NO		NO	bb

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Compound name: 13C8-PFOSA

Response Factor: 0.196454

RRF SD: 0.0326291, Relative SD: 16.609

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 180115M2_1	Standard	12.500	4.88	2018.146	9597.051	2.629	13.4	7.0	NO		NO	bb
2	2 180115M2_2	Standard	12.500	4.88	2450.537	12232.438	2.504	12.7	2.0	NO		NO	bb
3	3 180115M2_3	Standard	12.500	4.88	3263.926	16108.975	2.533	12.9	3.1	NO		NO	bb
4	4 180115M2_4	Standard	12.500	4.88	2580.329	15359.841	2.100	10.7	-14.5	NO		NO	bb
5	5 180115M2_5	Standard	12.500	4.87	2747.783	14601.564	2.352	12.0	-4.2	NO		NO	bb
6	6 180115M2_6	Standard	12.500	4.88	3176.006	14430.306	2.751	14.0	12.0	NO		NO	bb
7	7 180115M2_7	Standard	12.500	4.88	2461.930	10068.811	3.056	15.6	24.5	NO		NO	bb
8	8 180115M2_8	Standard	12.500	4.87	1976.078	14359.005	1.720	8.8	-29.9	NO		NO	bb

Compound name: 13C8-PFOS

Response Factor: 0.861518

RRF SD: 0.080099, Relative SD: 9.29742

Response type: Internal Std (Ref 59), 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 180115M2_1	Standard	12.500	4.89	2273.944	3065.292	9.273	10.8	-13.9	NO		NO	bb
2	2 180115M2_2	Standard	12.500	4.89	2945.228	3701.104	9.947	11.5	-7.6	NO		NO	bb
3	3 180115M2_3	Standard	12.500	4.89	3464.374	4167.454	10.391	12.1	-3.5	NO		NO	bb
4	4 180115M2_4	Standard	12.500	4.89	3222.043	3259.616	12.356	14.3	14.7	NO		NO	bb
5	5 180115M2_5	Standard	12.500	4.89	2939.392	3538.393	10.384	12.1	-3.6	NO		NO	bb
6	6 180115M2_6	Standard	12.500	4.89	3461.071	3917.062	11.045	12.8	2.6	NO		NO	bb
7	7 180115M2_7	Standard	12.500	4.89	2933.493	3367.256	10.890	12.6	1.1	NO		NO	bb
8	8 180115M2_8	Standard	12.500	4.89	2455.447	2586.616	11.866	13.8	10.2	NO		NO	bb

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Compound name: 13C2-PFDA

Response Factor: 0.995958

RRF SD: 0.0416295, Relative SD: 4.17985

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 180115M2_1	Standard	12.500	5.19	9117.220	8643.550	13.185	13.2	5.9	NO		NO	bb
2	2 180115M2_2	Standard	12.500	5.19	9259.429	9573.944	12.089	12.1	-2.9	NO		NO	bb
3	3 180115M2_3	Standard	12.500	5.19	10469.260	10839.729	12.073	12.1	-3.0	NO		NO	bb
4	4 180115M2_4	Standard	12.500	5.18	11543.967	11526.396	12.519	12.6	0.6	NO		NO	bb
5	5 180115M2_5	Standard	12.500	5.18	10095.664	10211.842	12.358	12.4	-0.7	NO		NO	bb
6	6 180115M2_6	Standard	12.500	5.19	10322.235	10477.224	12.315	12.4	-1.1	NO		NO	bb
7	7 180115M2_7	Standard	12.500	5.19	8868.471	9388.578	11.808	11.9	-5.2	NO		NO	bb
8	8 180115M2_8	Standard	12.500	5.18	9834.333	9278.257	13.249	13.3	6.4	NO		NO	bb

Compound name: 13C2-8:2 FTS

Response Factor: 0.102966

RRF SD: 0.0196885, Relative SD: 19.1214

Response type: Internal Std (Ref 55), 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 180115M2_1	Standard	12.500	5.16	1084.677	12455.272	1.089	10.6	-15.4	NO		NO	bb
2	2 180115M2_2	Standard	12.500	5.16	1447.292	12561.499	1.440	14.0	11.9	NO		NO	bb
3	3 180115M2_3	Standard	12.500	5.16	2016.216	16767.305	1.503	14.6	16.8	NO		NO	bb
4	4 180115M2_4	Standard	12.500	5.16	1733.439	14101.621	1.537	14.9	19.4	NO		NO	bb
5	5 180115M2_5	Standard	12.500	5.16	1179.393	15840.523	0.931	9.0	-27.7	NO		NO	bb
6	6 180115M2_6	Standard	12.500	5.16	1581.232	16157.200	1.223	11.9	-5.0	NO		NO	bb
7	7 180115M2_7	Standard	12.500	5.16	1661.151	11804.778	1.759	17.1	36.7	NO		NO	bbX
8	8 180115M2_8	Standard	12.500	5.16	1868.278	13507.876	1.729	16.8	34.3	NO		NO	bbX

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Compound name: d3-N-MeFOSAA

Response Factor: 0.339955

RRF SD: 0.0639138, Relative SD: 18.8007

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 180115M2_1	Standard	12.500	5.33	3668.057	9597.051	4.778	14.1	12.4	NO		NO	bb
2	2 180115M2_2	Standard	12.500	5.33	4068.198	12232.438	4.157	12.2	-2.2	NO		NO	bb
3	3 180115M2_3	Standard	12.500	5.33	4941.718	16108.975	3.835	11.3	-9.8	NO		NO	bb
4	4 180115M2_4	Standard	12.500	5.33	4259.577	15359.841	3.466	10.2	-18.4	NO		NO	bb
5	5 180115M2_5	Standard	12.500	5.33	4700.651	14601.564	4.024	11.8	-5.3	NO		NO	bb
6	6 180115M2_6	Standard	12.500	5.33	4734.263	14430.306	4.101	12.1	-3.5	NO		NO	bb
7	7 180115M2_7	Standard	12.500	5.33	4812.376	10068.811	5.974	17.6	40.6	NO		NO	bb
8	8 180115M2_8	Standard	12.500	5.33	4204.535	14359.005	3.660	10.8	-13.9	NO		NO	bb

Compound name: d5-N-EtFOSAA

Response Factor: 0.376804

RRF SD: 0.0581665, Relative SD: 15.4368

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 180115M2_1	Standard	12.500	5.49	4291.856	9597.051	5.590	14.8	18.7	NO		NO	bb
2	2 180115M2_2	Standard	12.500	5.49	4807.261	12232.438	4.912	13.0	4.3	NO		NO	bb
3	3 180115M2_3	Standard	12.500	5.49	5925.357	16108.975	4.598	12.2	-2.4	NO		NO	bb
4	4 180115M2_4	Standard	12.500	5.48	4489.890	15359.841	3.654	9.7	-22.4	NO		NO	bb
5	5 180115M2_5	Standard	12.500	5.48	5242.137	14601.564	4.488	11.9	-4.7	NO		NO	bb
6	6 180115M2_6	Standard	12.500	5.48	5935.848	14430.306	5.142	13.6	9.2	NO		NO	bb
7	7 180115M2_7	Standard	12.500	5.48	4444.999	10068.811	5.518	14.6	17.2	NO		NO	bb
8	8 180115M2_8	Standard	12.500	5.48	4340.295	14359.005	3.778	10.0	-19.8	NO		NO	bb

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Compound name: 13C2-PFUdA

Response Factor: 0.943561

RRF SD: 0.166868, Relative SD: 17.6849

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	180115M2_1	Standard	12.500	5.51	10659.157	9597.051	13.883	14.7	17.7	NO		NO	bb
2	180115M2_2	Standard	12.500	5.51	12827.074	12232.438	13.108	13.9	11.1	NO		NO	bb
3	180115M2_3	Standard	12.500	5.51	14368.888	16108.975	11.150	11.8	-5.5	NO		NO	bb
4	180115M2_4	Standard	12.500	5.50	12801.493	15359.841	10.418	11.0	-11.7	NO		NO	bb
5	180115M2_5	Standard	12.500	5.50	11208.095	14601.564	9.595	10.2	-18.6	NO		NO	bb
6	180115M2_6	Standard	12.500	5.51	13602.793	14430.306	11.783	12.5	-0.1	NO		NO	bb
7	180115M2_7	Standard	12.500	5.50	12174.631	10068.811	15.114	16.0	28.1	NO		NO	bb
8	180115M2_8	Standard	12.500	5.50	10688.771	14359.005	9.305	9.9	-21.1	NO		NO	bb

Compound name: 13C2-PFDoA

Response Factor: 0.726172

RRF SD: 0.138899, Relative SD: 19.1275

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	180115M2_1	Standard	12.500	5.79	6851.029	9597.051	8.923	12.3	-1.7	NO		NO	bb
2	180115M2_2	Standard	12.500	5.79	8538.500	12232.438	8.725	12.0	-3.9	NO		NO	MM
3	180115M2_3	Standard	12.500	5.79	10789.430	16108.975	8.372	11.5	-7.8	NO		NO	bb
4	180115M2_4	Standard	12.500	5.78	9022.085	15359.841	7.342	10.1	-19.1	NO		NO	bb
5	180115M2_5	Standard	12.500	5.78	10734.802	14601.564	9.190	12.7	1.2	NO		NO	bb
6	180115M2_6	Standard	12.500	5.78	12215.312	14430.306	10.581	14.6	16.6	NO		NO	bb
7	180115M2_7	Standard	12.500	5.78	9999.913	10068.811	12.414	17.1	36.8	NO		NO	bb
8	180115M2_8	Standard	12.500	5.78	8119.767	14359.005	7.069	9.7	-22.1	NO		NO	bb

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Compound name: d3-N-MeFOSA

Response Factor: 0.118962

RRF SD: 0.0169862, Relative SD: 14.2787

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 180115M2_1	Standard	150.000	5.86	15969.864	9597.051	20.800	174.9	16.6	NO		NO	bb
2	2 180115M2_2	Standard	150.000	5.86	17622.953	12232.438	18.008	151.4	0.9	NO		NO	bb
3	3 180115M2_3	Standard	150.000	5.86	21395.508	16108.975	16.602	139.6	-7.0	NO		NO	bb
4	4 180115M2_4	Standard	150.000	5.86	18699.383	15359.841	15.218	127.9	-14.7	NO		NO	bb
5	5 180115M2_5	Standard	150.000	5.86	19396.660	14601.564	16.605	139.6	-6.9	NO		NO	bb
6	6 180115M2_6	Standard	150.000	5.86	21606.223	14430.306	18.716	157.3	4.9	NO		NO	bb
7	7 180115M2_7	Standard	150.000	5.86	17688.914	10068.811	21.960	184.6	23.1	NO		NO	bb
8	8 180115M2_8	Standard	150.000	5.86	17051.773	14359.005	14.844	124.8	-16.8	NO		NO	bb

Compound name: 13C2-PFTeDA

Response Factor: 0.371352

RRF SD: 0.056833, Relative SD: 15.3043

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 180115M2_1	Standard	12.500	6.24	3811.400	9597.051	4.964	13.4	6.9	NO		NO	bb
2	2 180115M2_2	Standard	12.500	6.24	4625.902	12232.438	4.727	12.7	1.8	NO		NO	bb
3	3 180115M2_3	Standard	12.500	6.24	5784.110	16108.975	4.488	12.1	-3.3	NO		NO	bb
4	4 180115M2_4	Standard	12.500	6.23	4166.997	15359.841	3.391	9.1	-26.9	NO		NO	MM
5	5 180115M2_5	Standard	12.500	6.23	5054.189	14601.564	4.327	11.7	-6.8	NO		NO	bb
6	6 180115M2_6	Standard	12.500	6.24	5187.430	14430.306	4.494	12.1	-3.2	NO		NO	MM
7	7 180115M2_7	Standard	12.500	6.23	4785.019	10068.811	5.940	16.0	28.0	NO		NO	bb
8	8 180115M2_8	Standard	12.500	6.23	5518.160	14359.005	4.804	12.9	3.5	NO		NO	bb

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Compound name: d5-N-ETFOSA

Response Factor: 0.17355

RRF SD: 0.0236433, Relative SD: 13.6233

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 180115M2_1	Standard	150.000	6.21	23192.393	9597.051	30.208	174.1	16.0	NO		NO	bb
2	2 180115M2_2	Standard	150.000	6.22	25547.748	12232.438	26.107	150.4	0.3	NO		NO	bb
3	3 180115M2_3	Standard	150.000	6.21	31434.623	16108.975	24.392	140.5	-6.3	NO		NO	bb
4	4 180115M2_4	Standard	150.000	6.21	27705.471	15359.841	22.547	129.9	-13.4	NO		NO	bb
5	5 180115M2_5	Standard	150.000	6.21	28494.203	14601.564	24.393	140.6	-6.3	NO		NO	bb
6	6 180115M2_6	Standard	150.000	6.22	32255.756	14430.306	27.941	161.0	7.3	NO		NO	bb
7	7 180115M2_7	Standard	150.000	6.22	25211.236	10068.811	31.299	180.3	20.2	NO		NO	bb
8	8 180115M2_8	Standard	150.000	6.21	24552.484	14359.005	21.374	123.2	-17.9	NO		NO	bb

Compound name: 13C2-PFHxDA

Response Factor: 0.559258

RRF SD: 0.111637, Relative SD: 19.9617

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 180115M2_1	Standard	5.000	6.54	2113.428	9597.051	2.753	4.9	-1.6	NO		NO	MM
2	2 180115M2_2	Standard	5.000	6.54	2775.093	12232.438	2.836	5.1	1.4	NO		NO	bb
3	3 180115M2_3	Standard	5.000	6.54	3282.116	16108.975	2.547	4.6	-8.9	NO		NO	MM
4	4 180115M2_4	Standard	5.000	6.54	2733.865	15359.841	2.225	4.0	-20.4	NO		NO	MM
5	5 180115M2_5	Standard	5.000	6.54	2890.199	14601.564	2.474	4.4	-11.5	NO		NO	bb
6	6 180115M2_6	Standard	5.000	6.54	3217.573	14430.306	2.787	5.0	-0.3	NO		NO	bb
7	7 180115M2_7	Standard	5.000	6.54	3292.356	10068.811	4.087	7.3	46.2	NO		NO	MM
8	8 180115M2_8	Standard	5.000	6.54	3057.260	14359.005	2.661	4.8	-4.8	NO		NO	bb

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Compound name: d7-N-MeFOSE

Response Factor: 0.179375

RRF SD: 0.0175828, Relative SD: 9.80226

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 180115M2_1	Standard	150.000	6.29	20888.145	9597.051	27.206	151.7	1.1	NO		NO	bb
2	2 180115M2_2	Standard	150.000	6.29	26082.570	12232.438	26.653	148.6	-0.9	NO		NO	bb
3	3 180115M2_3	Standard	150.000	6.29	31250.859	16108.975	24.250	135.2	-9.9	NO		NO	bb
4	4 180115M2_4	Standard	150.000	6.29	29842.697	15359.841	24.286	135.4	-9.7	NO		NO	bb
5	5 180115M2_5	Standard	150.000	6.29	30325.629	14601.564	25.961	144.7	-3.5	NO		NO	bb
6	6 180115M2_6	Standard	150.000	6.29	35709.676	14430.306	30.933	172.4	15.0	NO		NO	bb
7	7 180115M2_7	Standard	150.000	6.29	24759.139	10068.811	30.737	171.4	14.2	NO		NO	bb
8	8 180115M2_8	Standard	150.000	6.29	28975.107	14359.005	25.224	140.6	-6.3	NO		NO	bb

Compound name: d9-N-EtFOSE

Response Factor: 0.159689

RRF SD: 0.0235867, Relative SD: 14.7704

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 180115M2_1	Standard	150.000	6.44	22450.639	9597.051	29.242	183.1	22.1	NO		NO	bd
2	2 180115M2_2	Standard	150.000	6.45	21303.693	12232.438	21.770	136.3	-9.1	NO		NO	bb
3	3 180115M2_3	Standard	150.000	6.44	31097.133	16108.975	24.130	151.1	0.7	NO		NO	bb
4	4 180115M2_4	Standard	150.000	6.44	27869.063	15359.841	22.680	142.0	-5.3	NO		NO	bb
5	5 180115M2_5	Standard	150.000	6.44	27858.053	14601.564	23.849	149.3	-0.4	NO		NO	bb
6	6 180115M2_6	Standard	150.000	6.44	28613.766	14430.306	24.786	155.2	3.5	NO		NO	bb
7	7 180115M2_7	Standard	150.000	6.45	22170.844	10068.811	27.524	172.4	14.9	NO		NO	bb
8	8 180115M2_8	Standard	150.000	6.44	20270.486	14359.005	17.646	110.5	-26.3	NO		NO	bb

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Compound name: 13C4-PFBA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 54), 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	180115M2_1	Standard	12.500	1.52	10061.779	10061.779	12.500	12.5	0.0	NO		NO	bb
2	180115M2_2	Standard	12.500	1.52	11662.093	11662.093	12.500	12.5	0.0	NO		NO	bb
3	180115M2_3	Standard	12.500	1.52	14677.296	14677.296	12.500	12.5	0.0	NO		NO	bb
4	180115M2_4	Standard	12.500	1.52	12356.659	12356.659	12.500	12.5	0.0	NO		NO	bb
5	180115M2_5	Standard	12.500	1.52	13477.931	13477.931	12.500	12.5	0.0	NO		NO	bb
6	180115M2_6	Standard	12.500	1.52	14699.104	14699.104	12.500	12.5	0.0	NO		NO	bb
7	180115M2_7	Standard	12.500	1.52	11470.707	11470.707	12.500	12.5	0.0	NO		NO	bb
8	180115M2_8	Standard	12.500	1.52	11668.103	11668.103	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C5-PFHxA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 55), 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	180115M2_1	Standard	12.500	3.25	12455.272	12455.272	12.500	12.5	0.0	NO		NO	bb
2	180115M2_2	Standard	12.500	3.25	12561.499	12561.499	12.500	12.5	0.0	NO		NO	bb
3	180115M2_3	Standard	12.500	3.25	16767.305	16767.305	12.500	12.5	0.0	NO		NO	bb
4	180115M2_4	Standard	12.500	3.25	14101.621	14101.621	12.500	12.5	0.0	NO		NO	bb
5	180115M2_5	Standard	12.500	3.24	15840.523	15840.523	12.500	12.5	0.0	NO		NO	bb
6	180115M2_6	Standard	12.500	3.25	16157.200	16157.200	12.500	12.5	0.0	NO		NO	bb
7	180115M2_7	Standard	12.500	3.25	11804.778	11804.778	12.500	12.5	0.0	NO		NO	bb
8	180115M2_8	Standard	12.500	3.24	13507.876	13507.876	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C3-PFHxS

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 56), 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 180115M2_1	Standard	12.500	4.01	2804.372	2804.372	12.500	12.5	0.0	NO		NO	bb
2	2 180115M2_2	Standard	12.500	4.01	3149.166	3149.166	12.500	12.5	0.0	NO		NO	bb
3	3 180115M2_3	Standard	12.500	4.01	3283.306	3283.306	12.500	12.5	0.0	NO		NO	bb
4	4 180115M2_4	Standard	12.500	4.01	3088.549	3088.549	12.500	12.5	0.0	NO		NO	bb
5	5 180115M2_5	Standard	12.500	4.01	3535.805	3535.805	12.500	12.5	0.0	NO		NO	bb
6	6 180115M2_6	Standard	12.500	4.01	3990.885	3990.885	12.500	12.5	0.0	NO		NO	bb
7	7 180115M2_7	Standard	12.500	4.01	2610.740	2610.740	12.500	12.5	0.0	NO		NO	bb
8	8 180115M2_8	Standard	12.500	4.01	2521.238	2521.238	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C8-PFOA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 57), 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 180115M2_1	Standard	12.500	4.38	11387.326	11387.326	12.500	12.5	0.0	NO		NO	bb
2	2 180115M2_2	Standard	12.500	4.39	12172.035	12172.035	12.500	12.5	0.0	NO		NO	bb
3	3 180115M2_3	Standard	12.500	4.39	13726.202	13726.202	12.500	12.5	0.0	NO		NO	bb
4	4 180115M2_4	Standard	12.500	4.38	13300.389	13300.389	12.500	12.5	0.0	NO		NO	bb
5	5 180115M2_5	Standard	12.500	4.38	12814.540	12814.540	12.500	12.5	0.0	NO		NO	bb
6	6 180115M2_6	Standard	12.500	4.39	15285.250	15285.250	12.500	12.5	0.0	NO		NO	bb
7	7 180115M2_7	Standard	12.500	4.38	11556.618	11556.618	12.500	12.5	0.0	NO		NO	bb
8	8 180115M2_8	Standard	12.500	4.38	11963.216	11963.216	12.500	12.5	0.0	NO		NO	bb

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Compound name: 13C9-PFNA

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 58), 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 180115M2_1	Standard	12.500	4.81	9887.708	9887.708	12.500	12.5	0.0	NO		NO	bb
2	2 180115M2_2	Standard	12.500	4.82	14541.915	14541.915	12.500	12.5	0.0	NO		NO	bb
3	3 180115M2_3	Standard	12.500	4.81	15659.906	15659.906	12.500	12.5	0.0	NO		NO	bb
4	4 180115M2_4	Standard	12.500	4.81	14165.005	14165.005	12.500	12.5	0.0	NO		NO	bb
5	5 180115M2_5	Standard	12.500	4.81	14881.775	14881.775	12.500	12.5	0.0	NO		NO	bb
6	6 180115M2_6	Standard	12.500	4.81	16690.238	16690.238	12.500	12.5	0.0	NO		NO	bb
7	7 180115M2_7	Standard	12.500	4.81	11566.101	11566.101	12.500	12.5	0.0	NO		NO	bb
8	8 180115M2_8	Standard	12.500	4.81	12301.464	12301.464	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C4-PFOS

Response Factor: 1

RRF SD: 0, Relative SD: 0

Response type: Internal Std (Ref 59), 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 180115M2_1	Standard	12.500	4.89	3065.292	3065.292	12.500	12.5	0.0	NO		NO	bb
2	2 180115M2_2	Standard	12.500	4.89	3701.104	3701.104	12.500	12.5	0.0	NO		NO	bb
3	3 180115M2_3	Standard	12.500	4.89	4167.454	4167.454	12.500	12.5	0.0	NO		NO	bb
4	4 180115M2_4	Standard	12.500	4.89	3259.616	3259.616	12.500	12.5	0.0	NO		NO	bb
5	5 180115M2_5	Standard	12.500	4.89	3538.393	3538.393	12.500	12.5	0.0	NO		NO	bb
6	6 180115M2_6	Standard	12.500	4.89	3917.062	3917.062	12.500	12.5	0.0	NO		NO	bb
7	7 180115M2_7	Standard	12.500	4.89	3367.256	3367.256	12.500	12.5	0.0	NO		NO	bb
8	8 180115M2_8	Standard	12.500	4.89	2586.616	2586.616	12.500	12.5	0.0	NO		NO	bb

Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

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Compound name: 13C6-PFDA

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=excluded
1	1 180115M2_1	Standard	12.500	5.19	8643.550	8643.550	12.500	12.5	0.0	NO		NO	bb
2	2 180115M2_2	Standard	12.500	5.19	9573.944	9573.944	12.500	12.5	0.0	NO		NO	bb
3	3 180115M2_3	Standard	12.500	5.19	10839.729	10839.729	12.500	12.5	0.0	NO		NO	bb
4	4 180115M2_4	Standard	12.500	5.18	11526.396	11526.396	12.500	12.5	0.0	NO		NO	bb
5	5 180115M2_5	Standard	12.500	5.18	10211.842	10211.842	12.500	12.5	0.0	NO		NO	bb
6	6 180115M2_6	Standard	12.500	5.19	10477.224	10477.224	12.500	12.5	0.0	NO		NO	bb
7	7 180115M2_7	Standard	12.500	5.19	9388.578	9388.578	12.500	12.5	0.0	NO		NO	bb
8	8 180115M2_8	Standard	12.500	5.18	9278.257	9278.257	12.500	12.5	0.0	NO		NO	bb

Compound name: 13C7-PFUdA

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	1 180115M2_1	Standard	12.500	5.51	9597.051	9597.051	12.500	12.5	0.0	NO		NO	bb
2	2 180115M2_2	Standard	12.500	5.51	12232.438	12232.438	12.500	12.5	0.0	NO		NO	bb
3	3 180115M2_3	Standard	12.500	5.51	16108.975	16108.975	12.500	12.5	0.0	NO		NO	bb
4	4 180115M2_4	Standard	12.500	5.50	15359.841	15359.841	12.500	12.5	0.0	NO		NO	bb
5	5 180115M2_5	Standard	12.500	5.50	14601.564	14601.564	12.500	12.5	0.0	NO		NO	bb
6	6 180115M2_6	Standard	12.500	5.51	14430.306	14430.306	12.500	12.5	0.0	NO		NO	bb
7	7 180115M2_7	Standard	12.500	5.50	10068.811	10068.811	12.500	12.5	0.0	NO		NO	bb
8	8 180115M2_8	Standard	12.500	5.50	14359.005	14359.005	12.500	12.5	0.0	NO		NO	bb

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Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

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Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_011518.mdb 15 Jan 2018 11:38:30

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_01-15-18-FULL-OLD.cdb 16 Jan 2018 10:22:57

Name: 180115M2_1, Date: 16-Jan-2018, Time: 00:14:07, ID: ST180115M2-1 PFC CS-2 17L2606, Description: PFC CS-2 17L2606

#	Name	CoD	CoD Flag	%RSD
1	1 PFBA	0.9972	NO	
2	2 PFPeA	0.9960	NO	
3	3 PFBS	0.9964	NO	
4	4 PFHxA	0.9925	NO	
5	5 PFHpA	0.9954	NO	
6	6 L-PFHxS	0.9997	NO	
7	8 6:2 FTS	0.9954	NO	
8	9 L-PFOA	0.9948	NO	
9	11 PFHpS	0.9990	NO	
10	12 PFNA	0.9983	NO	
11	13 PFOSA	0.9990	NO	
12	14 L-PFOS	0.9977	NO	
13	16 PFDA	0.9967	NO	
14	17 8:2 FTS	0.9909	NO	
15	18 N-MeFOSAA	0.9996	NO	
16	19 N-EtFOSAA	0.9991	NO	
17	20 PFUdA	0.9969	NO	
18	21 PFDS	0.9954	NO	
19	22 PFDoA	0.9964	NO	
20	23 N-MeFOSA	0.9983	NO	
21	24 PFTrDA	0.9972	NO	
22	25 PFTeDA	0.9909	NO	
23	26 N-EtFOSA	0.9987	NO	
24	27 PFHxDA	0.9949	NO	
25	28 PFODA	0.9984	NO	
26	29 N-MeFOSE	0.9957	NO	
27	30 N-EtFOSE	0.9997	NO	
28	31 13C3-PFBA		NO	4.288
29	32 13C3-PFPeA		NO	8.876
30	33 13C3-PFBS		NO	8.289
31	34 13C2-PFHxA		NO	8.444

Work Order 1701852

Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

Last Altered: Tuesday, January 16, 2018 10:22:57 Pacific Standard Time

Printed: Tuesday, January 16, 2018 10:29:14 Pacific Standard Time

Name: 180115M2_1, Date: 16-Jan-2018, Time: 00:14:07, ID: ST180115M2-1 PFC CS-2 17L2606, Description: PFC CS-2 17L2606

#	Name	CoD	CoD Flag	%RSD
32	35 13C4-PFHpA		NO	9.277
33	36 18O2-PFHxS		NO	14.845
34	37 13C2-6:2 FTS		NO	19.765
35	38 13C2-PFOA		NO	4.848
36	39 13C5-PFNA		NO	9.599
37	40 13C8-PFOSA		NO	16.609
38	41 13C8-PFOS		NO	9.297
39	42 13C2-PFDA		NO	4.180
40	43 13C2-8:2 FTS		NO	19.121
41	44 d3-N-MeFOSAA		NO	18.801
42	45 d5-N-EtFOSAA		NO	15.437
43	46 13C2-PFUdA		NO	17.685
44	47 13C2-PFDoA		NO	19.128
45	48 d3-N-MeFOSA		NO	14.279
46	49 13C2-PFTeDA		NO	15.304
47	50 d5-N-ETFOSA		NO	13.623
48	51 13C2-PFHxDA		NO	19.962
49	52 d7-N-MeFOSE		NO	9.802
50	53 d9-N-EtFOSE		NO	14.770
51	54 13C4-PFBA		NO	0.000
52	55 13C5-PFHxA		NO	0.000
53	56 13C3-PFHxS		NO	0.000
54	57 13C8-PFOA		NO	0.000
55	58 13C9-PFNA		NO	0.000
56	59 13C4-PFOS		NO	0.000
57	60 13C6-PFDA		NO	0.000
58	61 13C7-PFUdA		NO	0.000

Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

Last Altered: Tuesday, January 16, 2018 10:22:57 Pacific Standard Time

Printed: Tuesday, January 16, 2018 10:24:35 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_011518.mdb 15 Jan 2018 11:38:30

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_01-15-18-FULL-OLD.cdb 16 Jan 2018 10:22:57

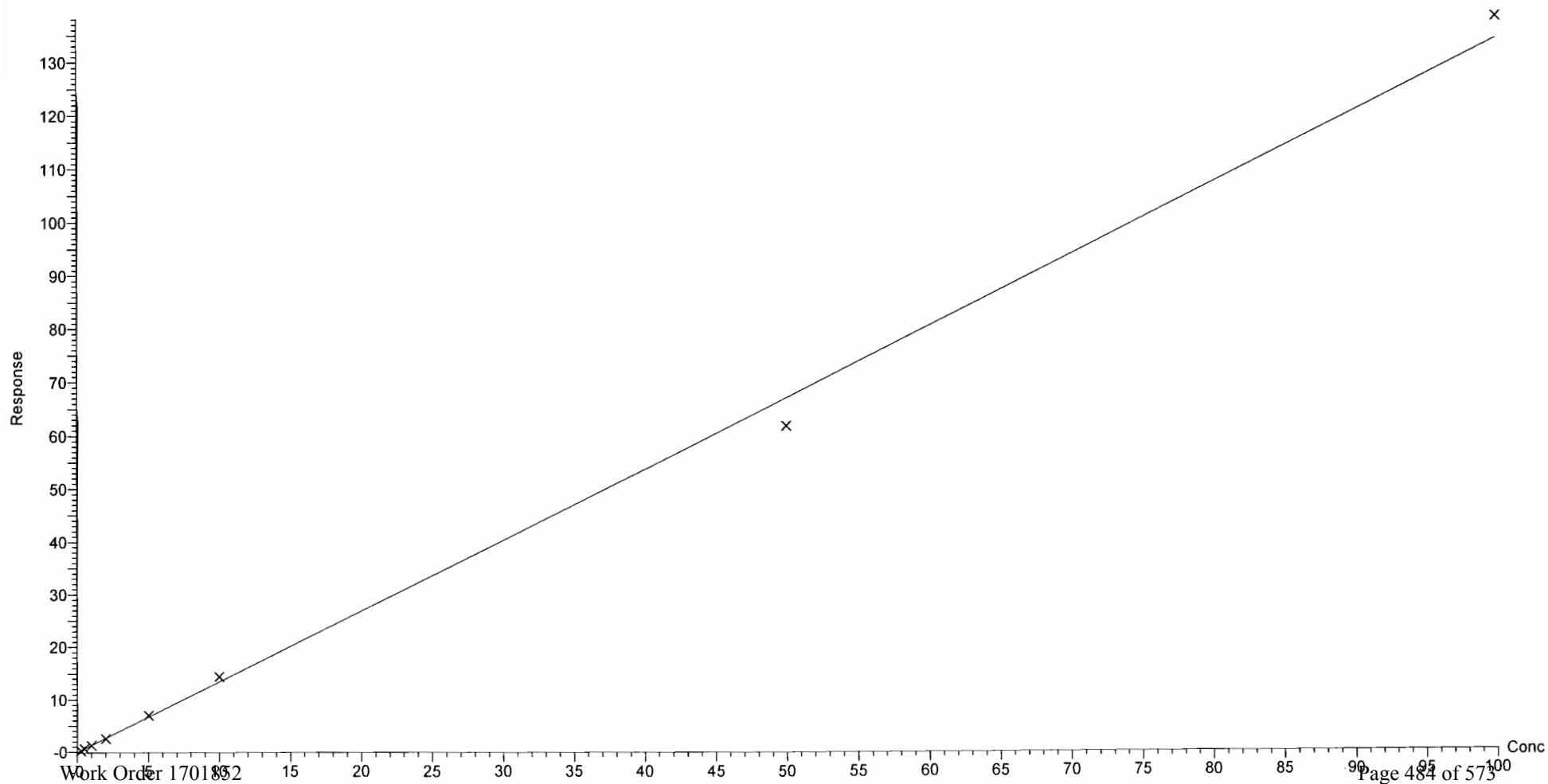
Compound name: PFBA

Correlation coefficient: $r = 0.998579$, $r^2 = 0.997160$

Calibration curve: $1.33977 * x + -0.0328732$

Response type: Internal Std (Ref 31), Area * (IS Conc. / IS Area)

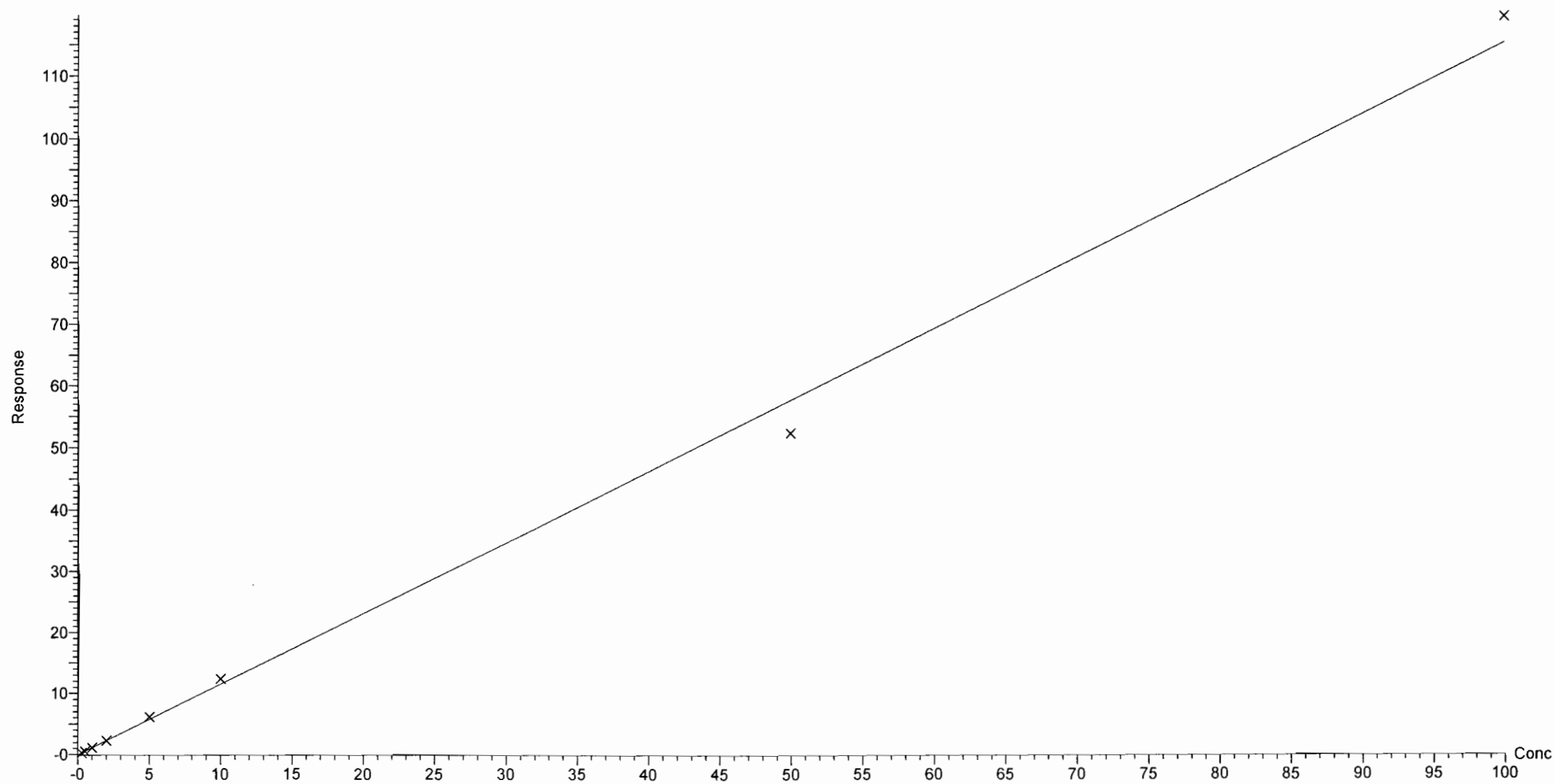
Curve type: Linear, Origin: Include, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

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Compound name: PFPeA
Correlation coefficient: $r = 0.997990$, $r^2 = 0.995984$
Calibration curve: $1.15515 * x + -0.0327357$
Response type: Internal Std (Ref 32), Area * (IS Conc. / IS Area)
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

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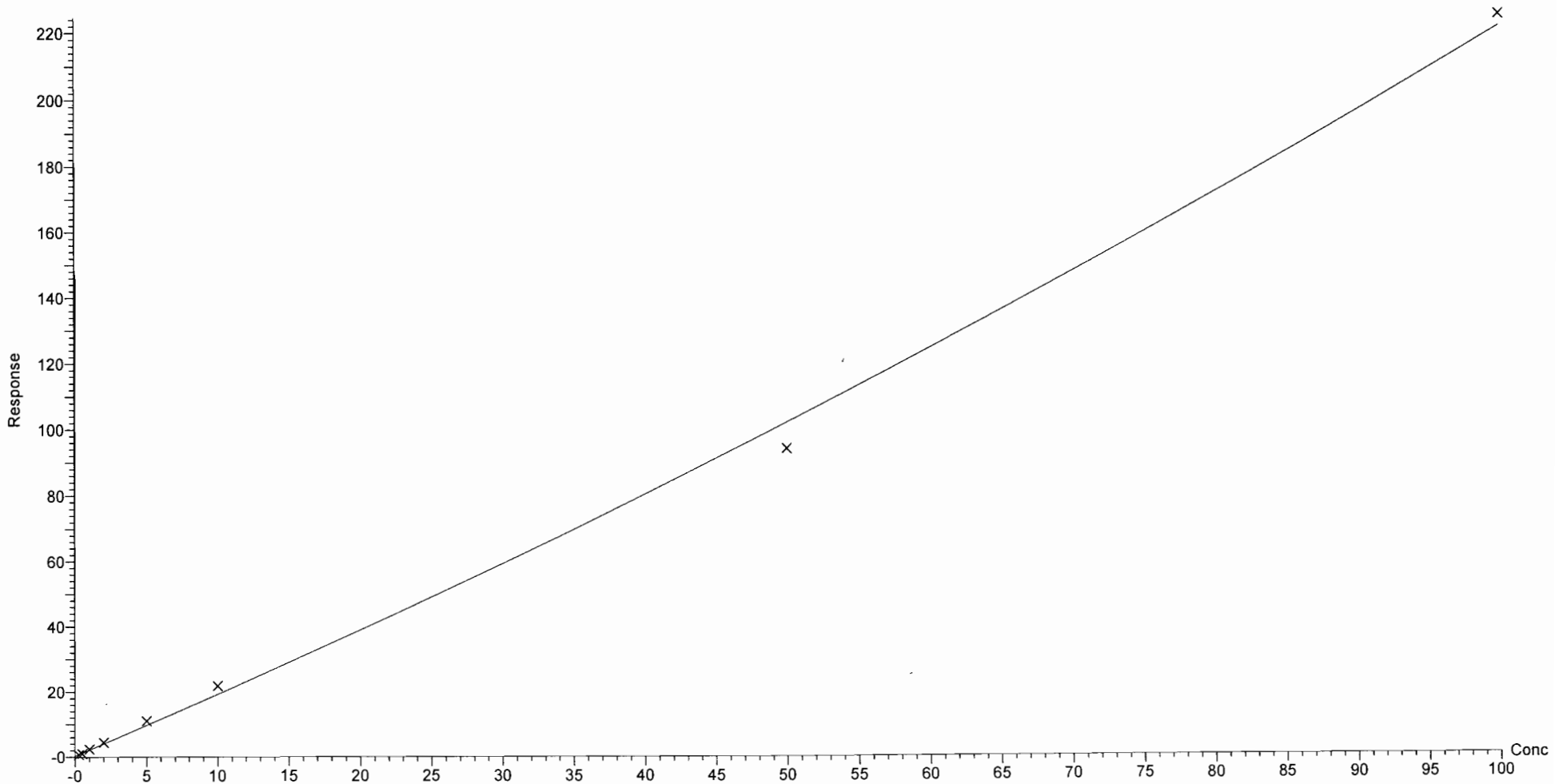
Compound name: PFBS

Coefficient of Determination: $R^2 = 0.996395$

Calibration curve: $0.00351371 * x^2 + 1.85665 * x + 0.254875$

Response type: Internal Std (Ref 33), Area * (IS Conc. / IS Area)

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



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

Last Altered: Tuesday, January 16, 2018 10:22:57 Pacific Standard Time

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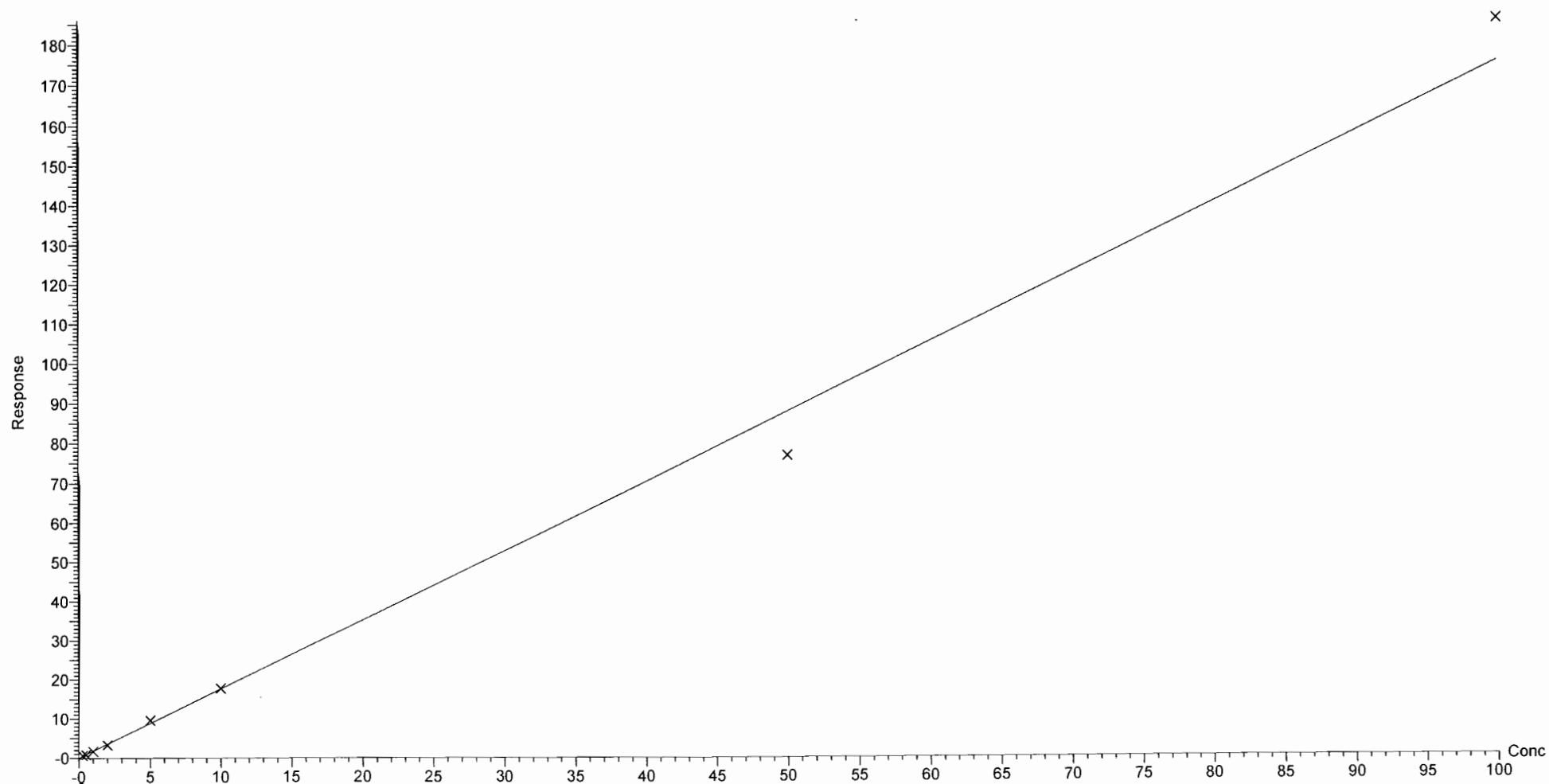
Compound name: PFHxA

Correlation coefficient: $r = 0.996265$, $r^2 = 0.992544$

Calibration curve: $1.75438 * x + 0.0169924$

Response type: Internal Std (Ref 34), Area * (IS Conc. / IS Area)

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



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

Last Altered: Tuesday, January 16, 2018 10:22:57 Pacific Standard Time

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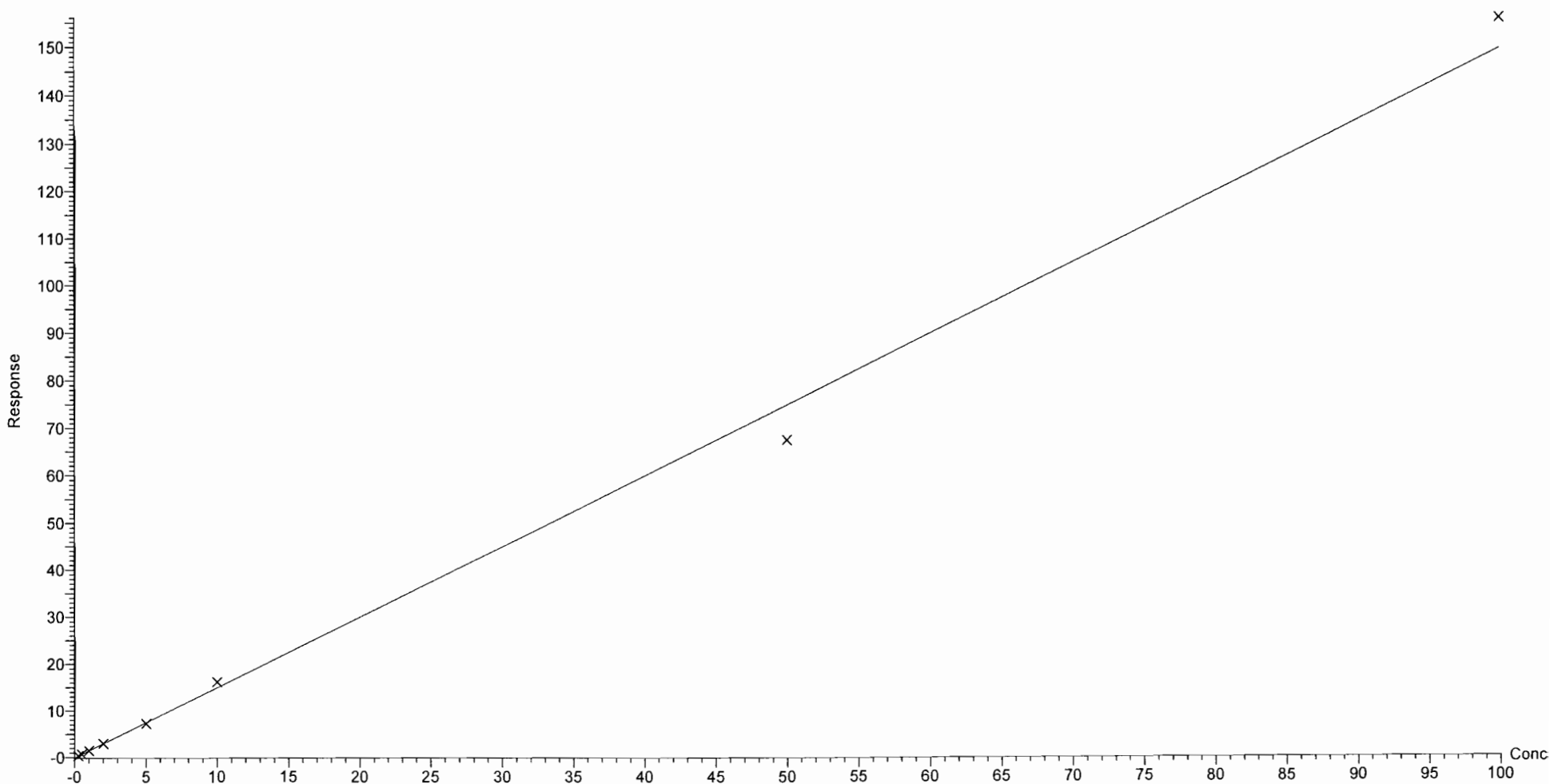
Compound name: PFHpA

Correlation coefficient: $r = 0.997692$, $r^2 = 0.995389$

Calibration curve: $1.49645 * x + -0.0592287$

Response type: Internal Std (Ref 35), Area * (IS Conc. / IS Area)

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



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Last Altered: Tuesday, January 16, 2018 10:22:57 Pacific Standard Time

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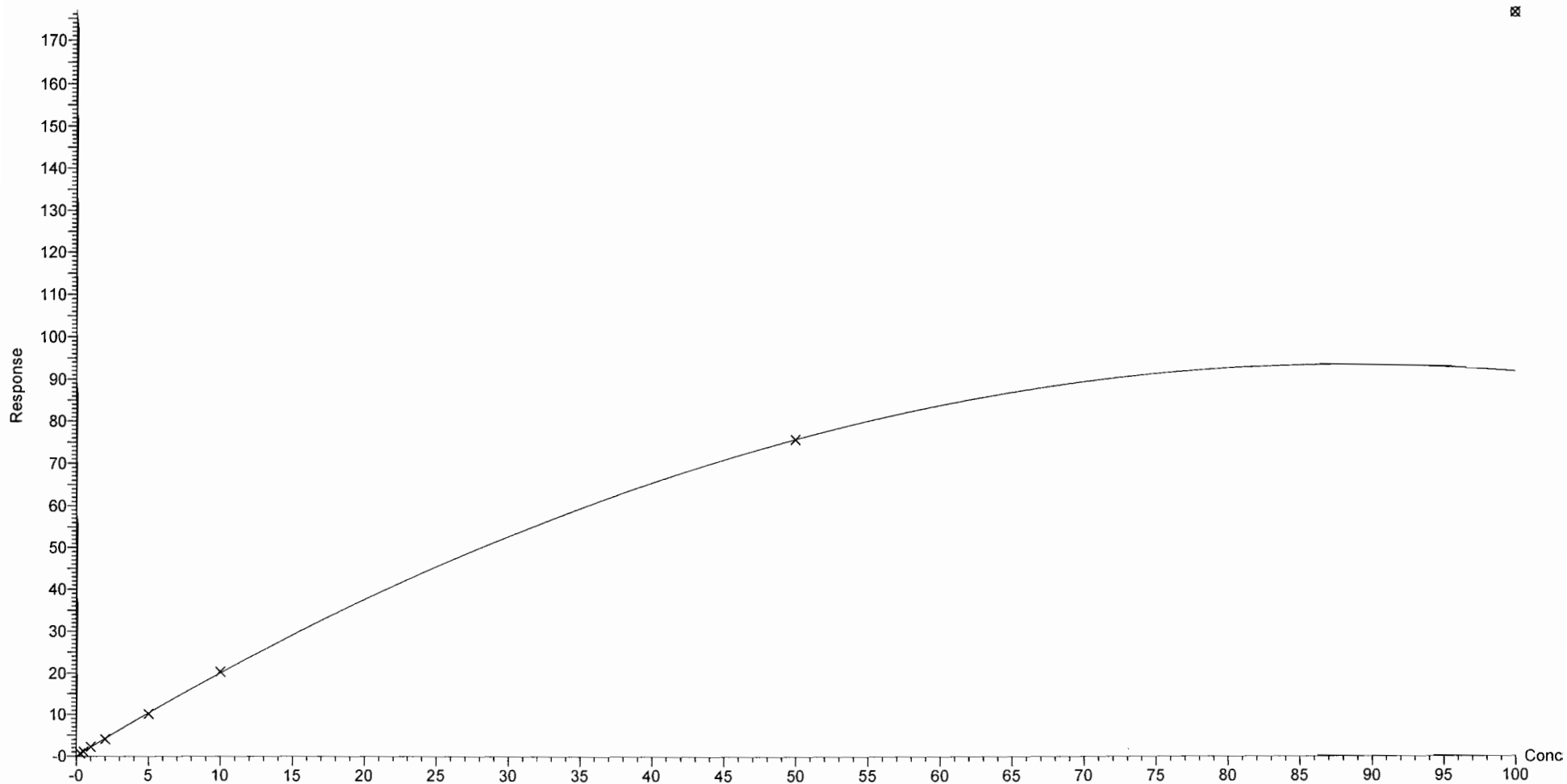
Compound name: L-PFHxS

Coefficient of Determination: $R^2 = 0.999726$

Calibration curve: $-0.0119577 * x^2 + 2.1128 * x + 0.0383417$

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

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



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

Last Altered: Tuesday, January 16, 2018 10:22:57 Pacific Standard Time

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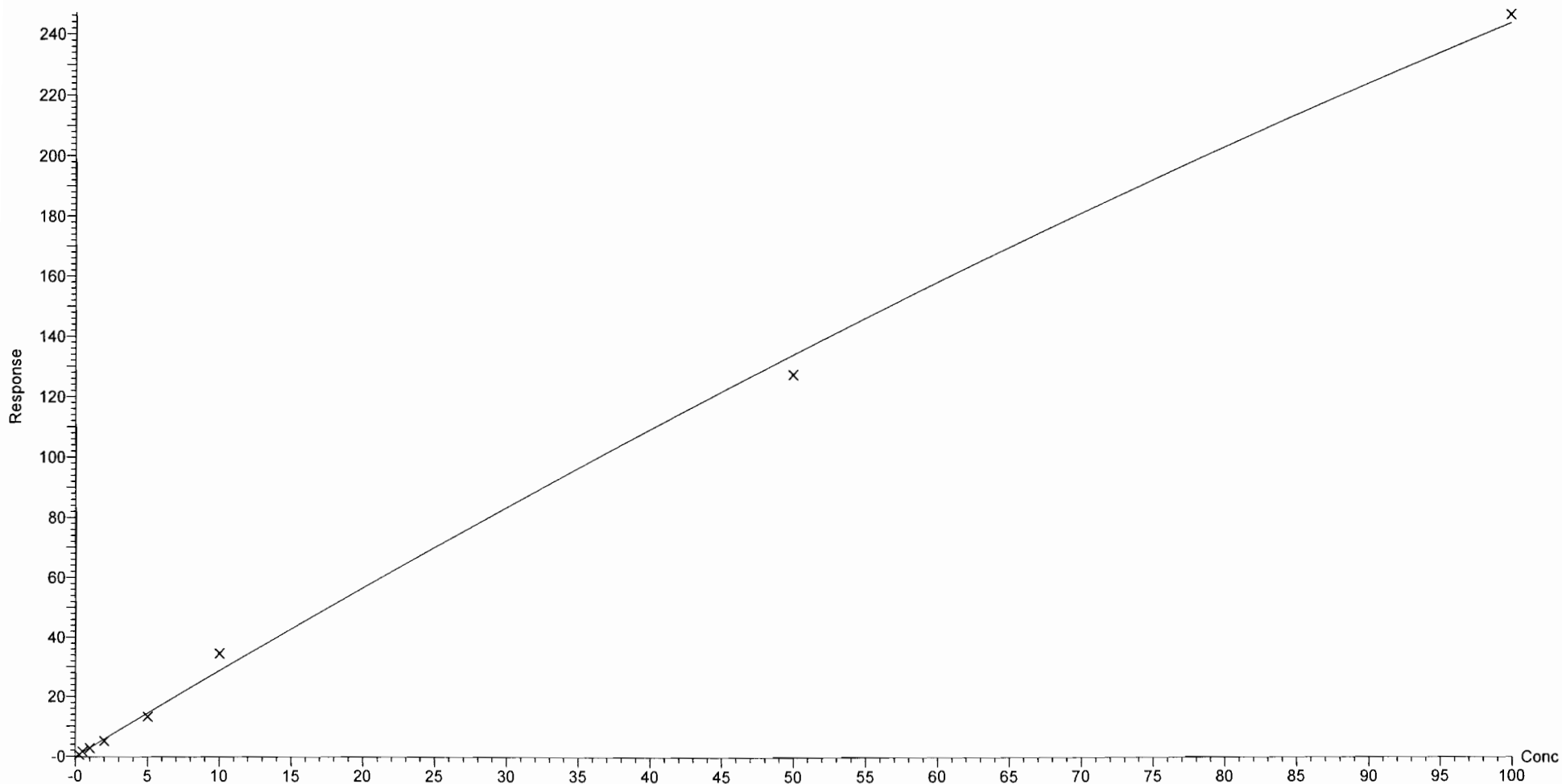
Compound name: 6:2 FTS

Coefficient of Determination: $R^2 = 0.995384$

Calibration curve: $-0.00485621 * x^2 + 2.92773 * x + -0.123035$

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

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



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Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

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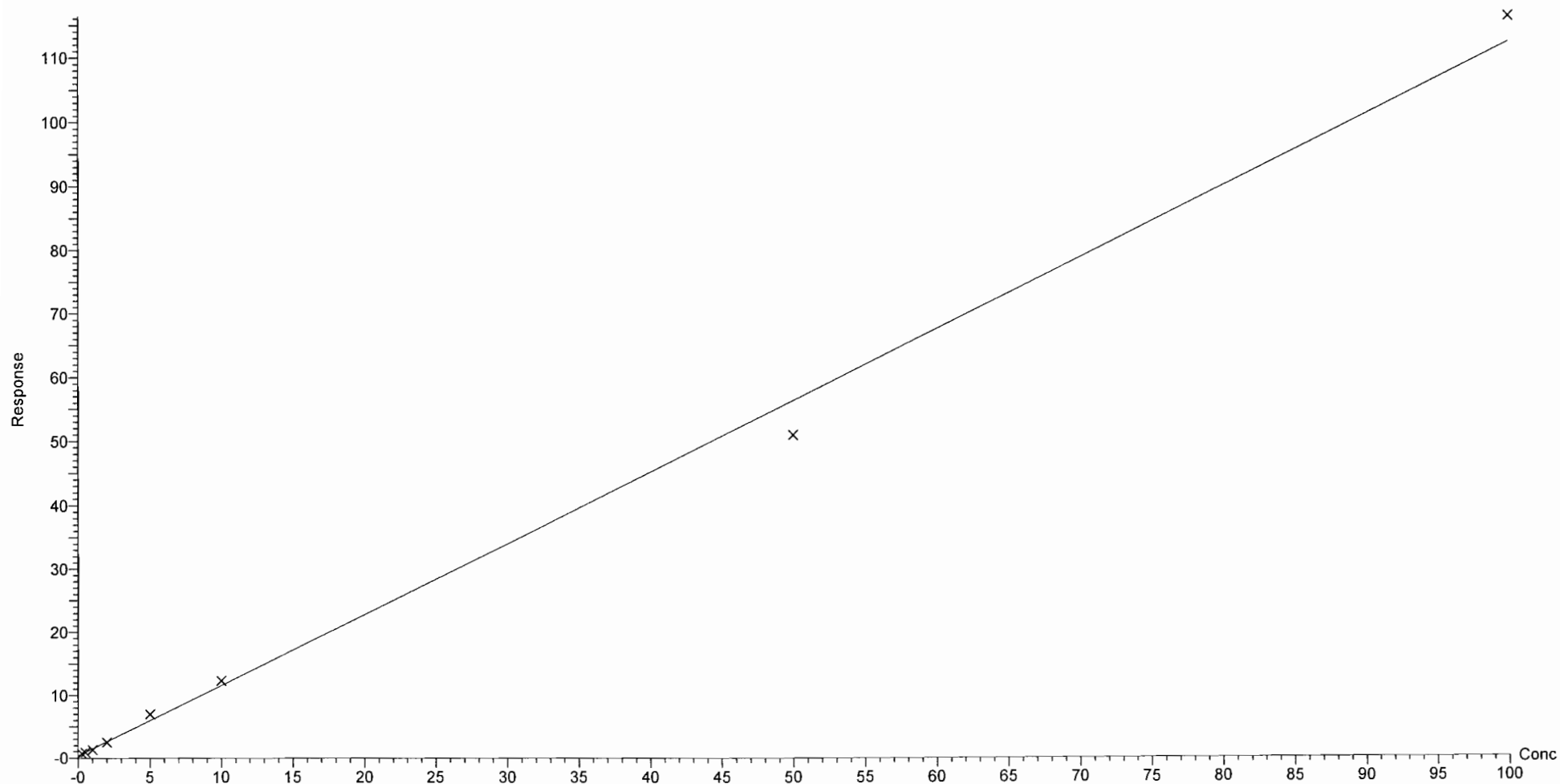
Compound name: L-PFOA

Correlation coefficient: $r = 0.997397$, $r^2 = 0.994801$

Calibration curve: $1.11967 * x + 0.355683$

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

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



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

Last Altered: Tuesday, January 16, 2018 10:22:57 Pacific Standard Time

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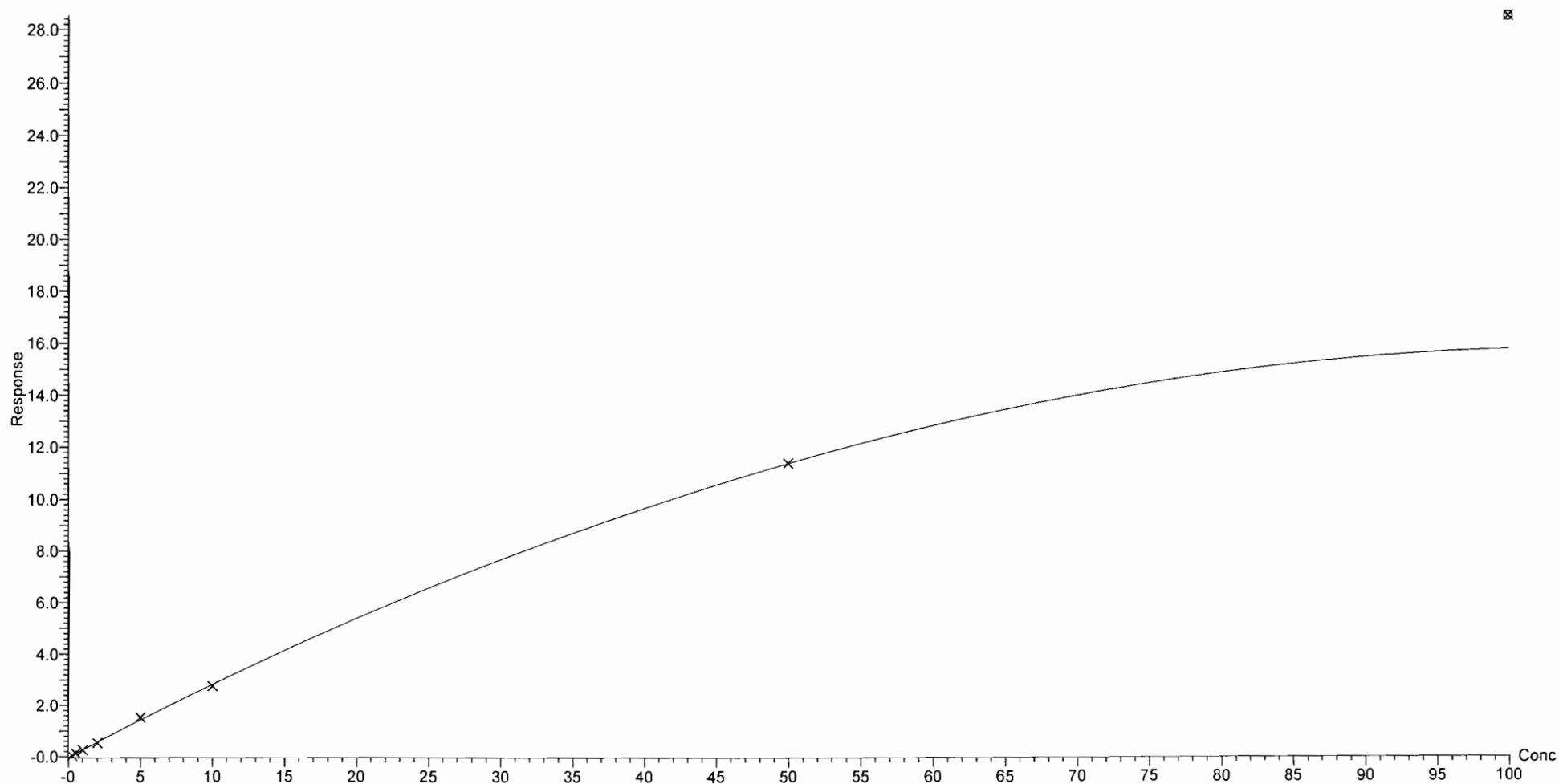
Compound name: PFHpS

Coefficient of Determination: $R^2 = 0.998980$

Calibration curve: $-0.00141138 * x^2 + 0.29869 * x + -0.030036$

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

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



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

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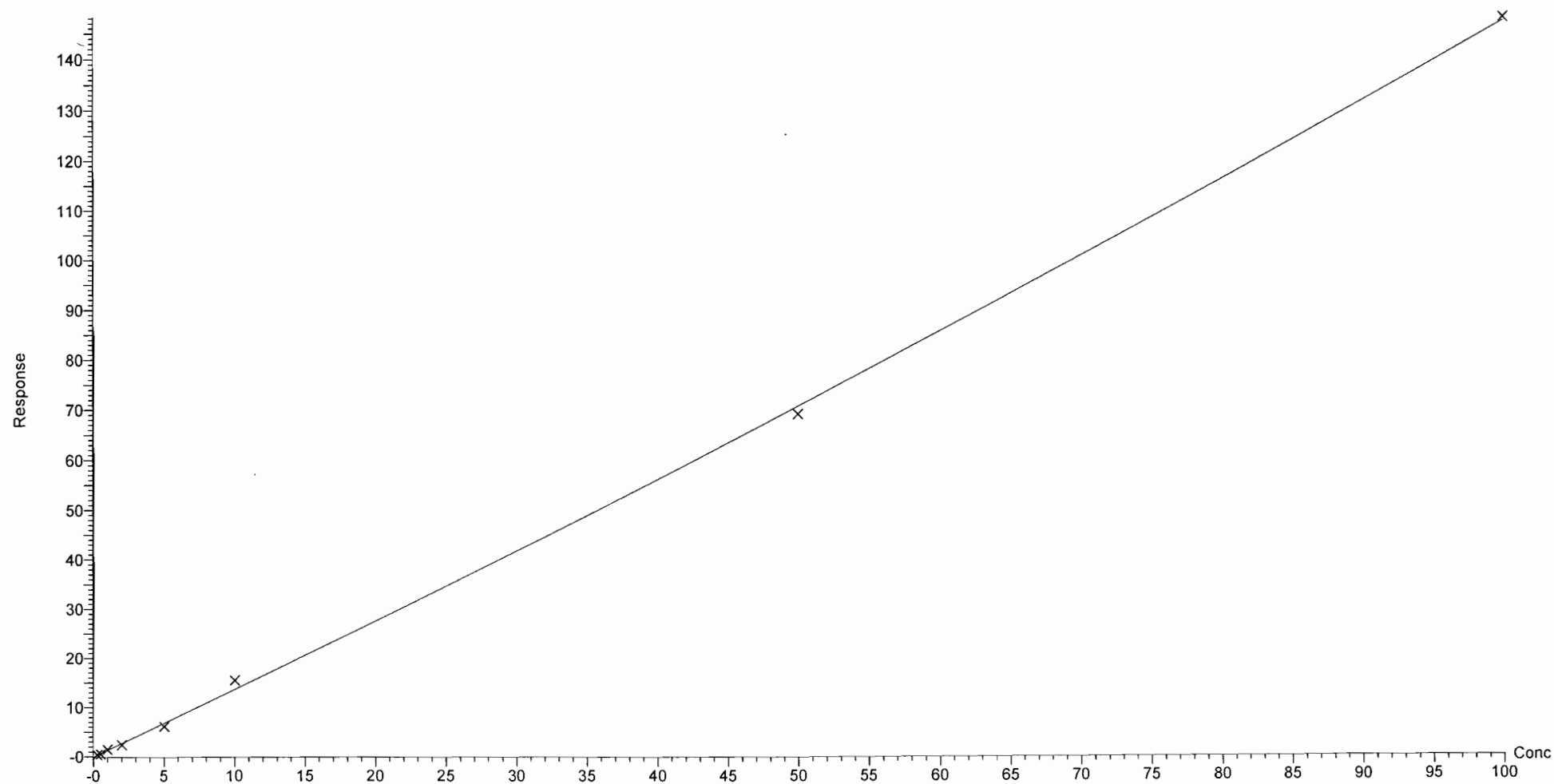
Compound name: PFNA

Coefficient of Determination: $R^2 = 0.998251$

Calibration curve: $0.00123227 * x^2 + 1.35269 * x + -0.0256811$

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

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



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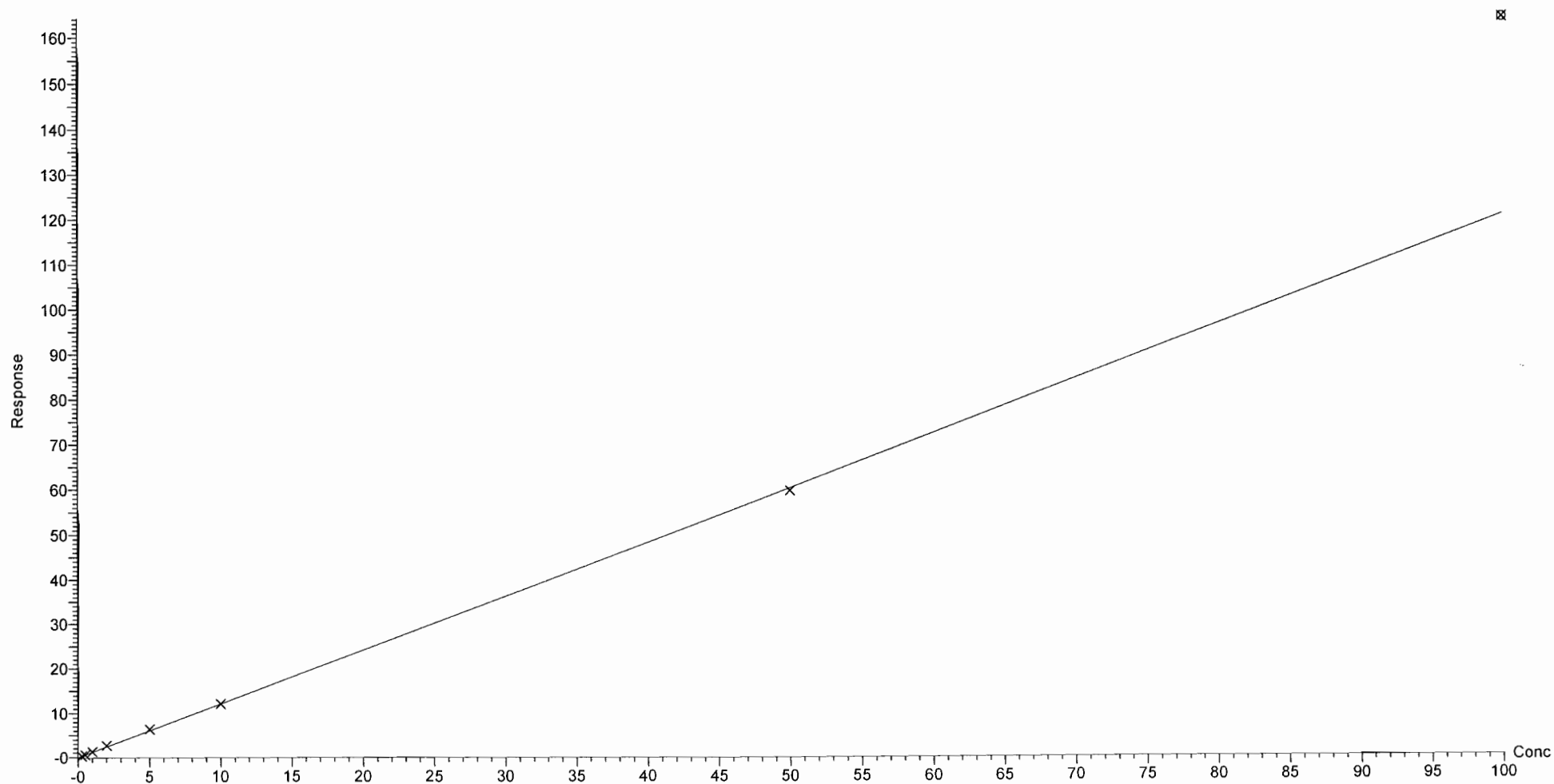
Compound name: PFOSA

Correlation coefficient: $r = 0.999519$, $r^2 = 0.999039$

Calibration curve: $1.2051 * x + -0.0242098$

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

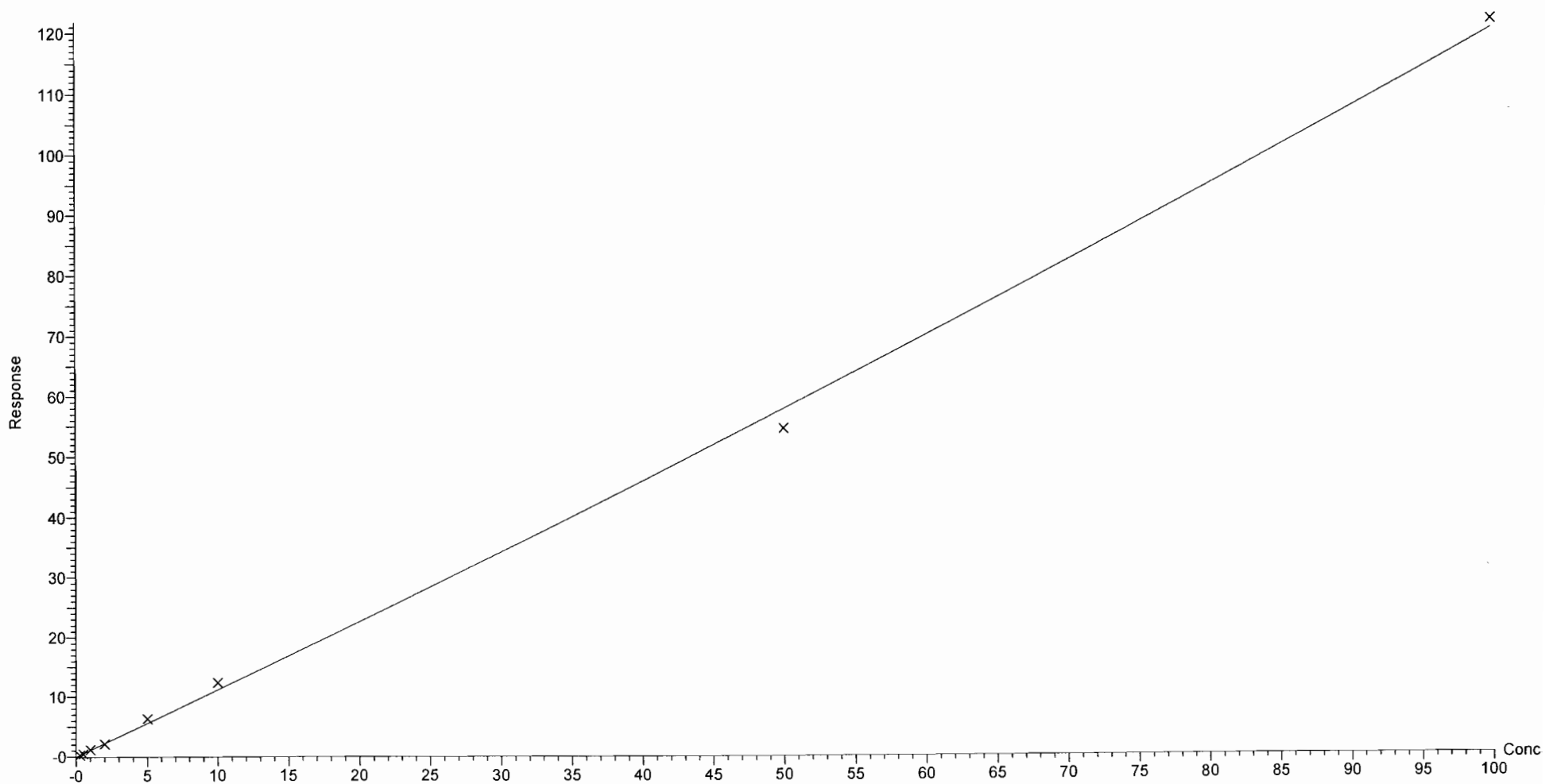
Curve type: Linear, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

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Compound name: L-PFOS
Coefficient of Determination: $R^2 = 0.997719$
Calibration curve: $0.000945797 * x^2 + 1.10838 * x + -0.0443788$
Response type: Internal Std (Ref 41), Area * (IS Conc. / IS Area)
Curve type: 2nd Order, Origin: Exclude, Weighting: 1/x, Axis trans: None



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

Last Altered: Tuesday, January 16, 2018 10:22:57 Pacific Standard Time

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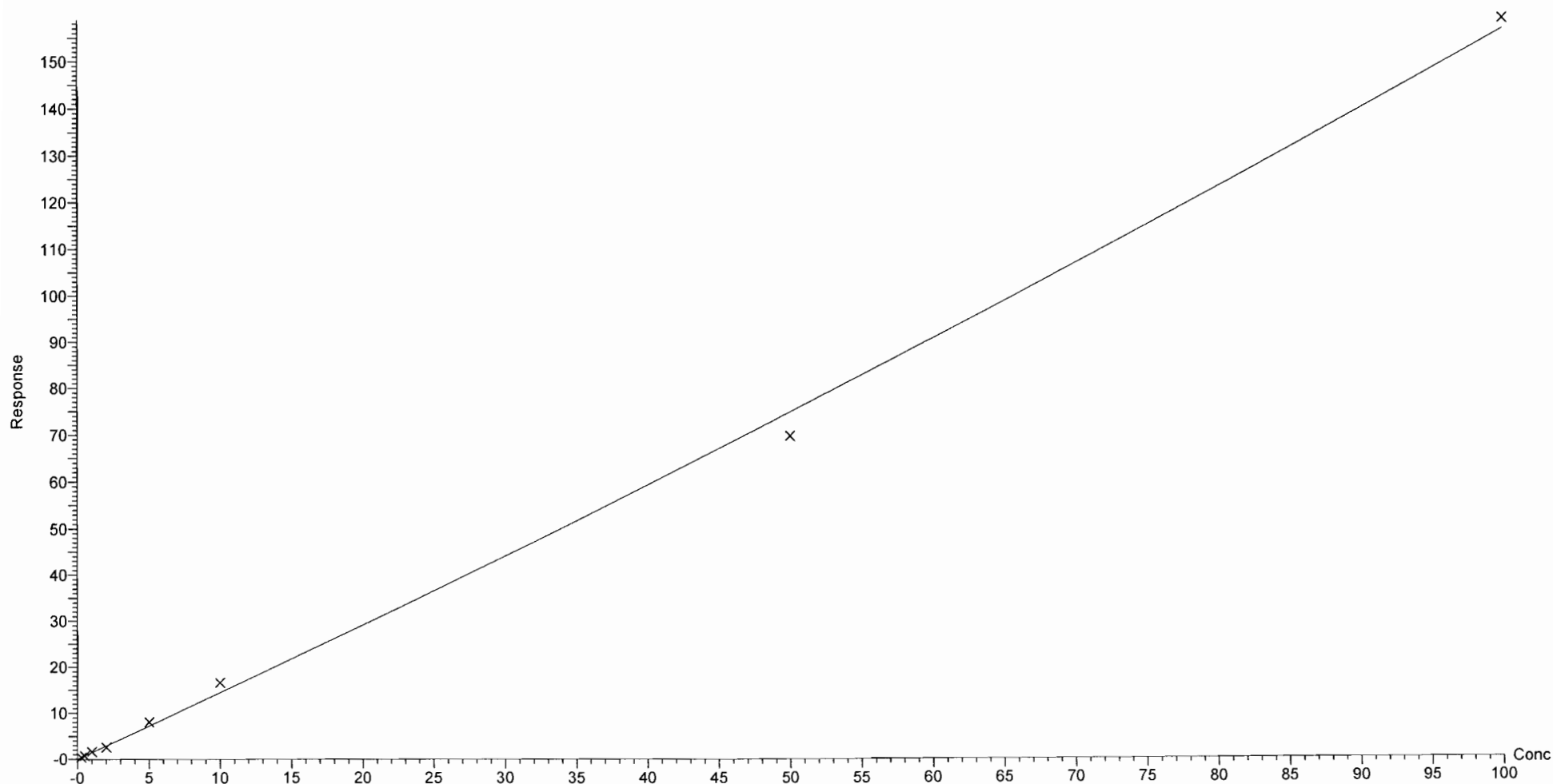
Compound name: PFDA

Coefficient of Determination: $R^2 = 0.996672$

Calibration curve: $0.0014094 * x^2 + 1.42444 * x + 0.0195565$

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

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



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

Last Altered: Tuesday, January 16, 2018 10:22:57 Pacific Standard Time

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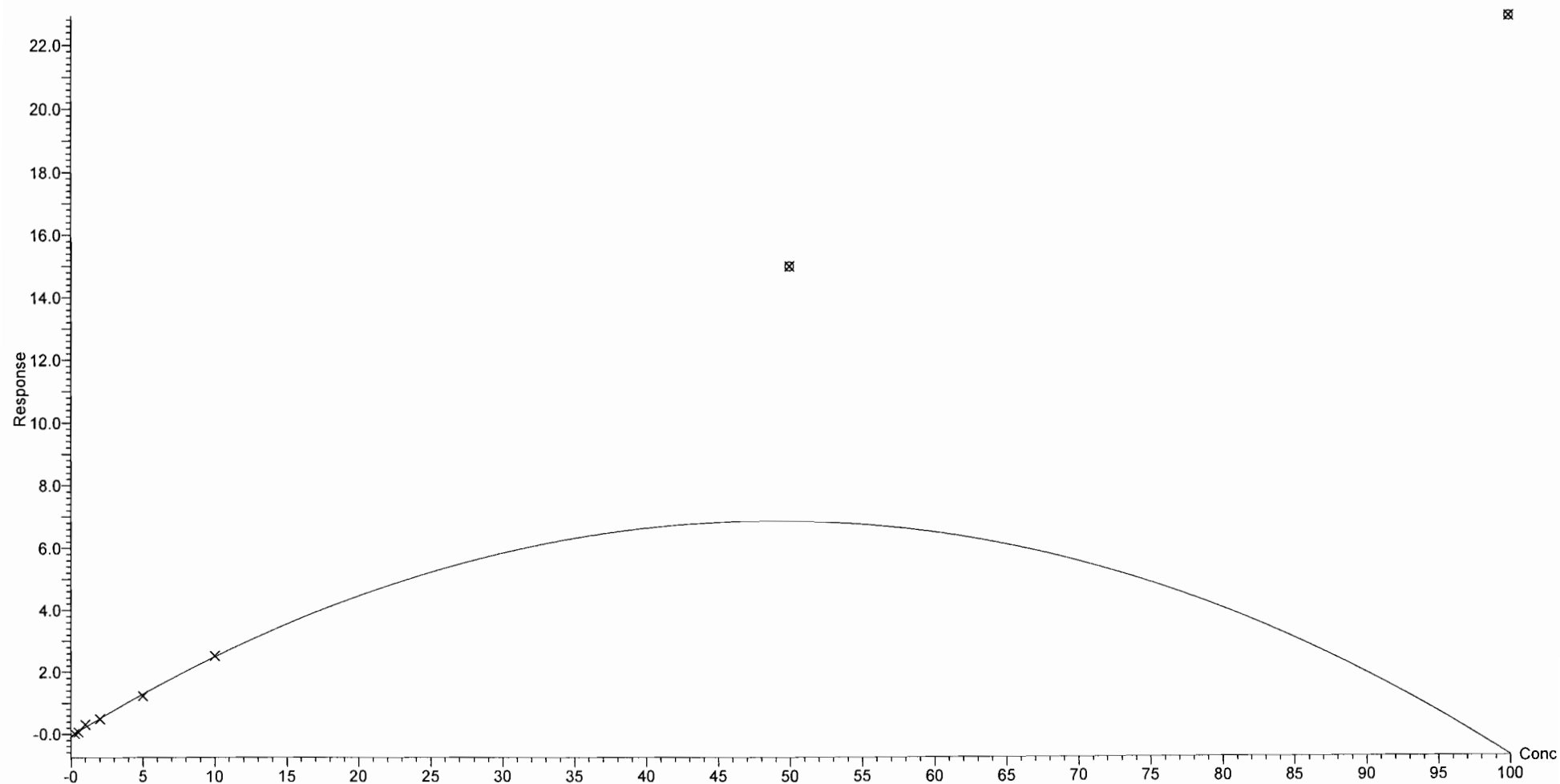
Compound name: 8:2 FTS

Coefficient of Determination: $R^2 = 0.990883$

Calibration curve: $-0.00290289 * x^2 + 0.283311 * x - 0.0505687$

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

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



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

Last Altered: Tuesday, January 16, 2018 10:22:57 Pacific Standard Time

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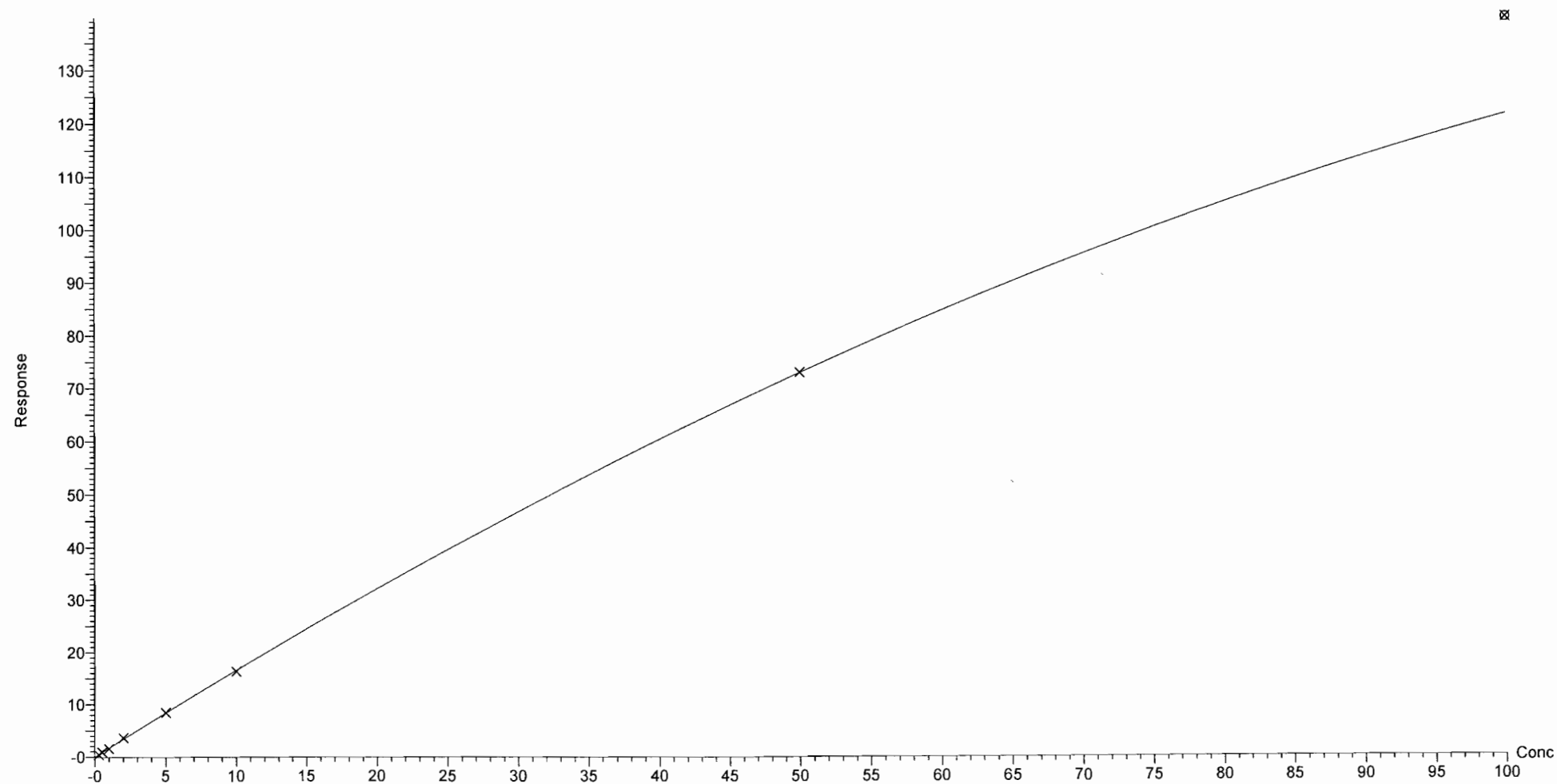
Compound name: N-MeFOSAA

Coefficient of Determination: $R^2 = 0.999579$

Calibration curve: $-0.00488709 * x^2 + 1.70404 * x + -0.0213461$

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

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



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

Last Altered: Tuesday, January 16, 2018 10:22:57 Pacific Standard Time

Printed: Tuesday, January 16, 2018 10:24:35 Pacific Standard Time

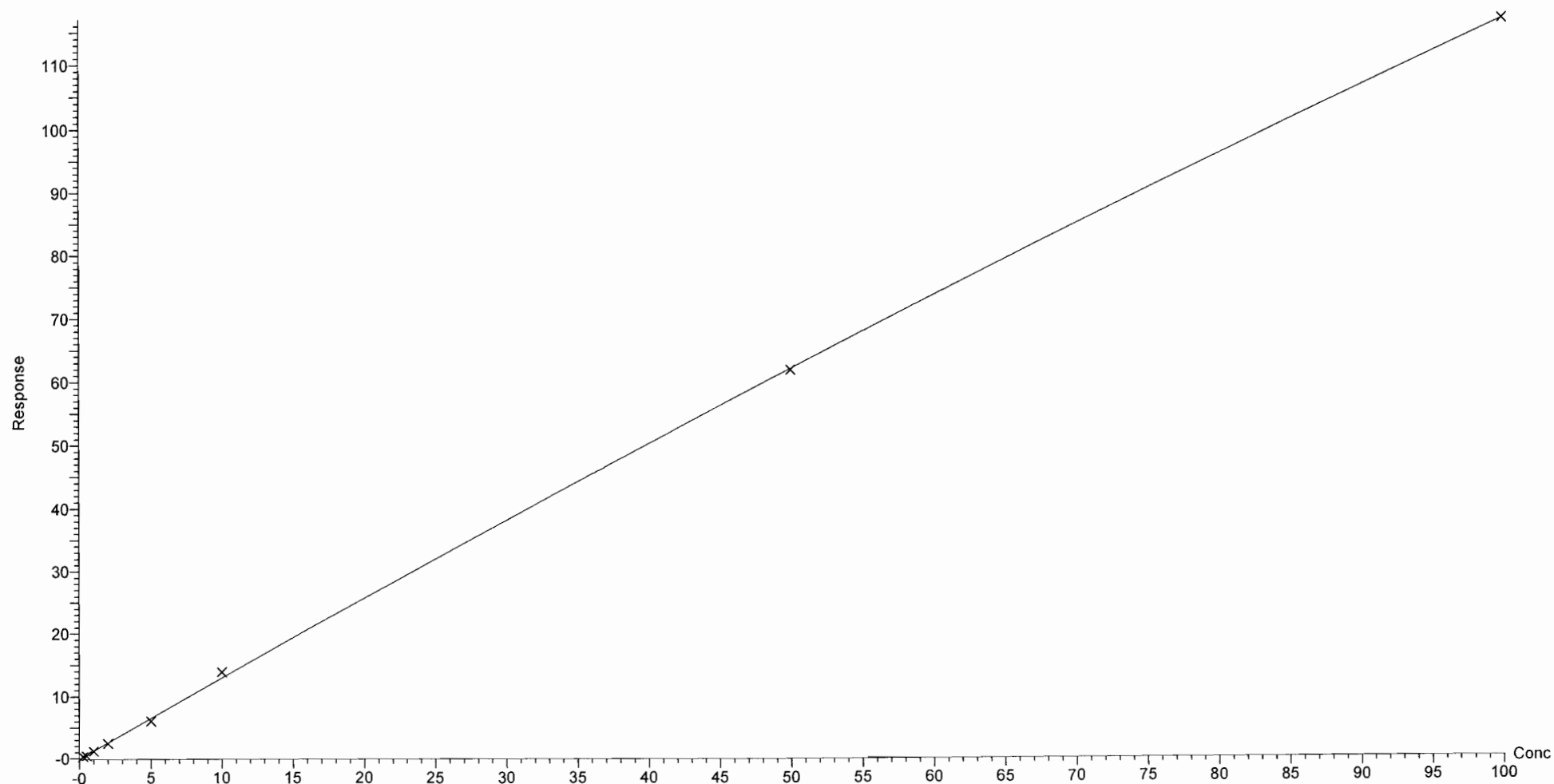
Compound name: N-EtFOSAA

Coefficient of Determination: $R^2 = 0.999053$

Calibration curve: $-0.0014328 * x^2 + 1.31318 * x + -0.0721789$

Response type: Internal Std (Ref 45), Area * (IS Conc. / IS Area)

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



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

Last Altered: Tuesday, January 16, 2018 10:22:57 Pacific Standard Time

Printed: Tuesday, January 16, 2018 10:24:35 Pacific Standard Time

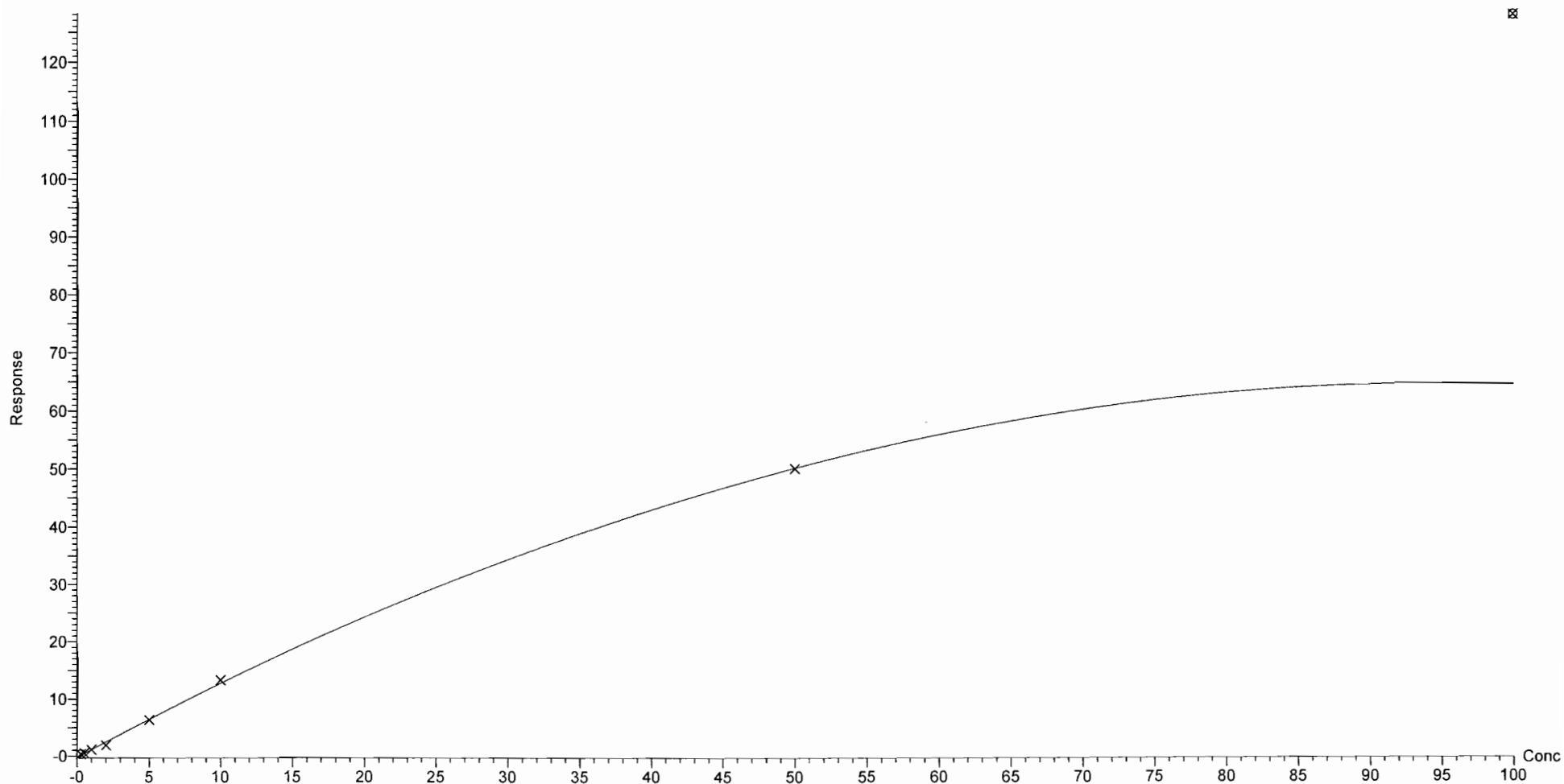
Compound name: PFUdA

Coefficient of Determination: $R^2 = 0.996917$

Calibration curve: $-0.00723799 * x^2 + 1.36957 * x + -0.252476$

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

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



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

Last Altered: Tuesday, January 16, 2018 10:22:57 Pacific Standard Time

Printed: Tuesday, January 16, 2018 10:24:35 Pacific Standard Time

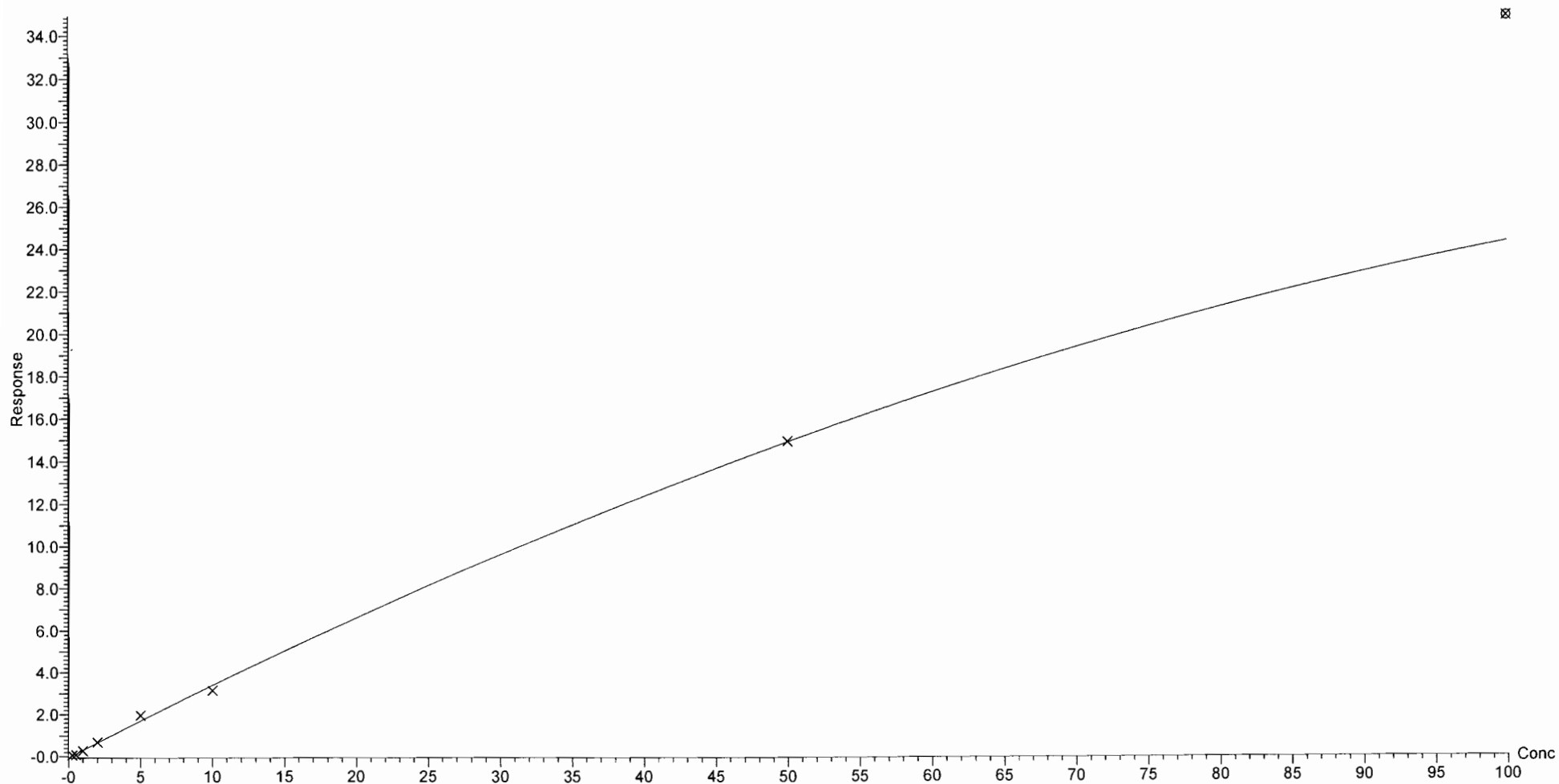
Compound name: PFDS

Coefficient of Determination: $R^2 = 0.995370$

Calibration curve: $-0.00111201 * x^2 + 0.354642 * x - 0.0526574$

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

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



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

Last Altered: Tuesday, January 16, 2018 10:22:57 Pacific Standard Time

Printed: Tuesday, January 16, 2018 10:24:35 Pacific Standard Time

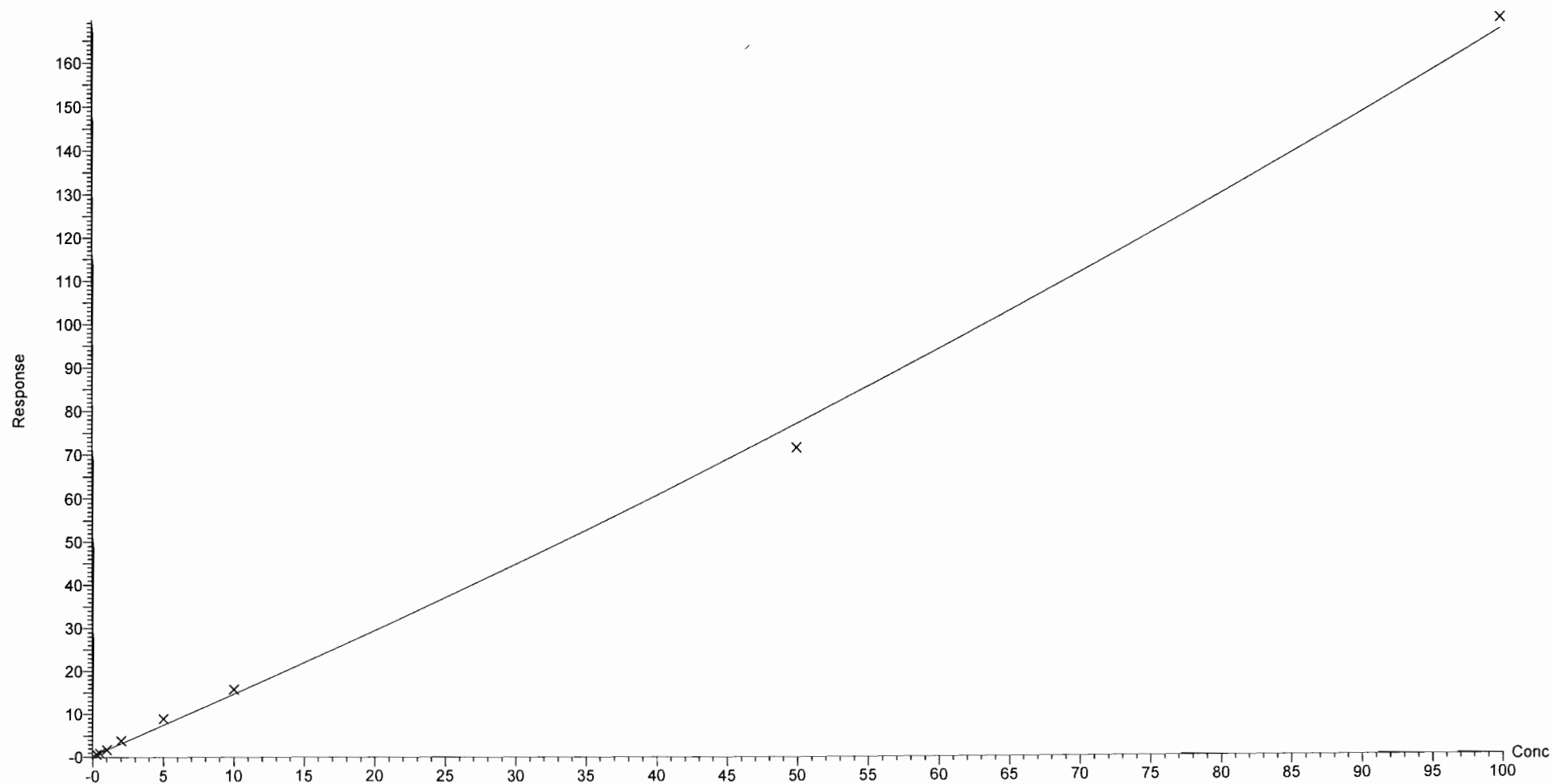
Compound name: PFDoA

Coefficient of Determination: $R^2 = 0.996448$

Calibration curve: $0.00269229 * x^2 + 1.39884 * x + 0.292328$

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

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



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

Last Altered: Tuesday, January 16, 2018 10:22:57 Pacific Standard Time

Printed: Tuesday, January 16, 2018 10:24:35 Pacific Standard Time

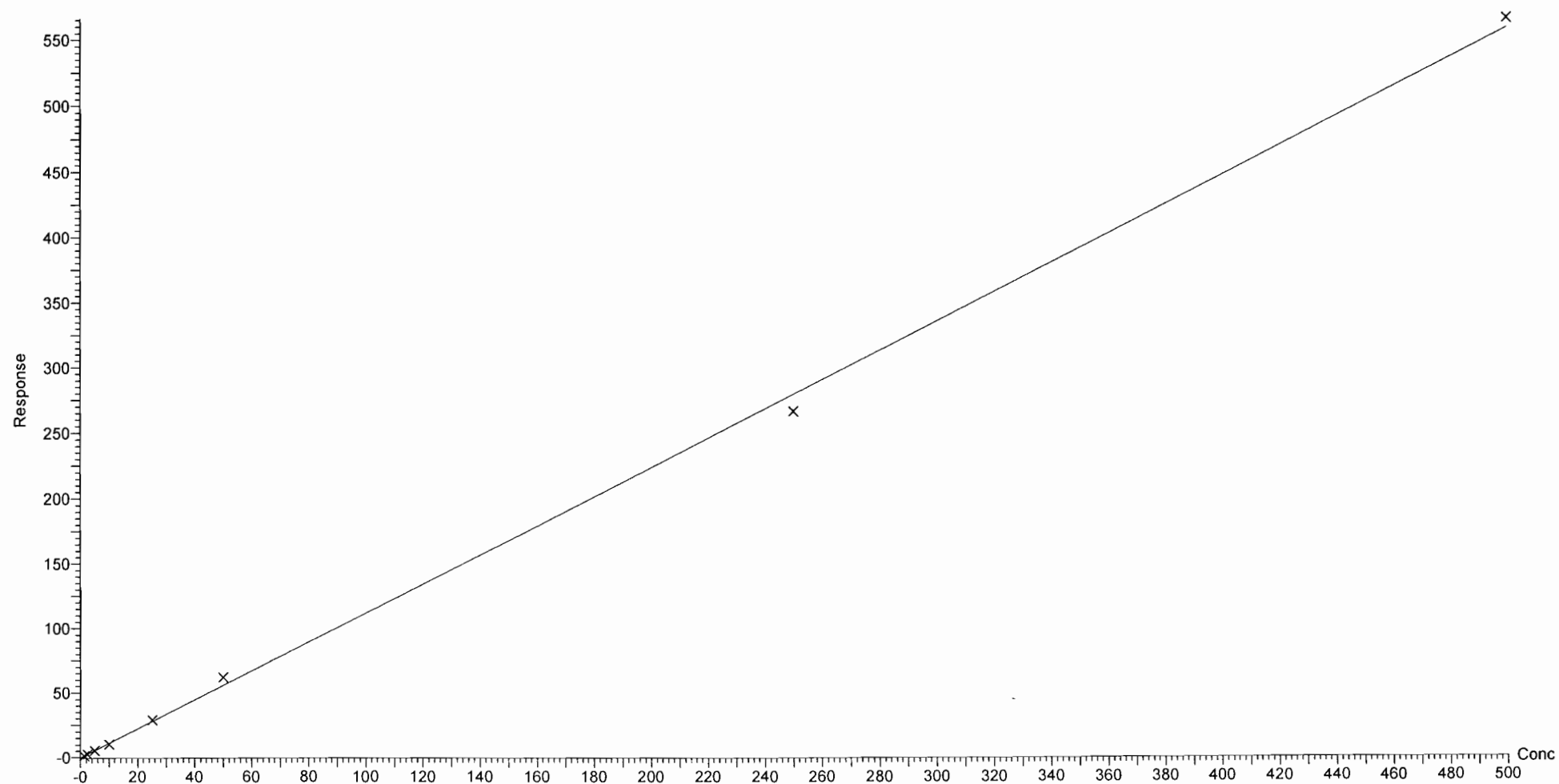
Compound name: N-MeFOSA

Correlation coefficient: $r = 0.999161$, $r^2 = 0.998323$

Calibration curve: $1.1181 * x + -0.100317$

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

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



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

Last Altered: Tuesday, January 16, 2018 10:22:57 Pacific Standard Time

Printed: Tuesday, January 16, 2018 10:24:35 Pacific Standard Time

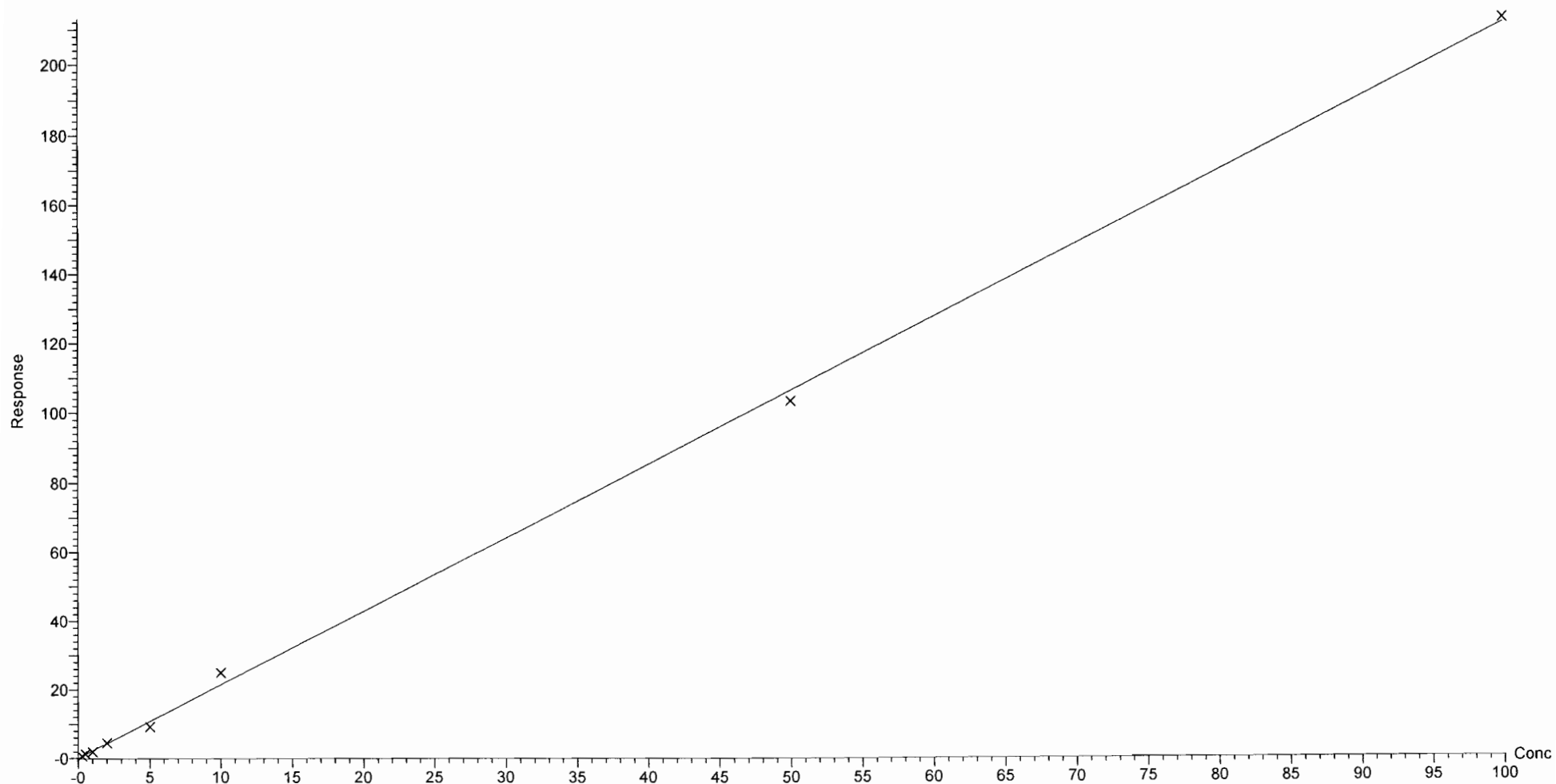
Compound name: PFTrDA

Coefficient of Determination: $R^2 = 0.997156$

Calibration curve: $-0.000208194 * x^2 + 2.13661 * x + 0.0644742$

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

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



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

Last Altered: Tuesday, January 16, 2018 10:22:57 Pacific Standard Time

Printed: Tuesday, January 16, 2018 10:24:35 Pacific Standard Time

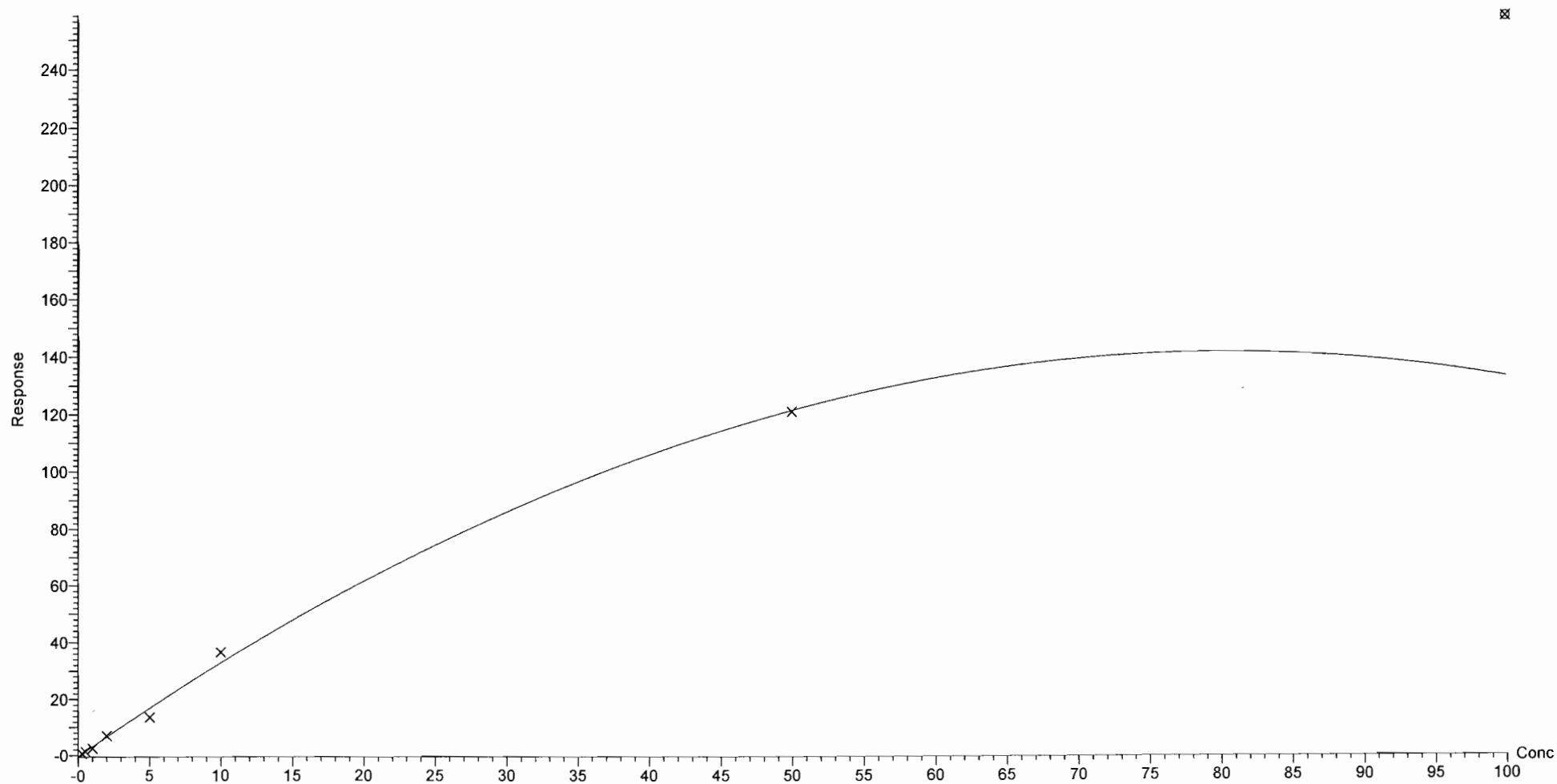
Compound name: PFTeDA

Coefficient of Determination: $R^2 = 0.990929$

Calibration curve: $-0.0220572 * x^2 + 3.53283 * x + -0.322211$

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

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



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

Last Altered: Tuesday, January 16, 2018 10:22:57 Pacific Standard Time

Printed: Tuesday, January 16, 2018 10:24:35 Pacific Standard Time

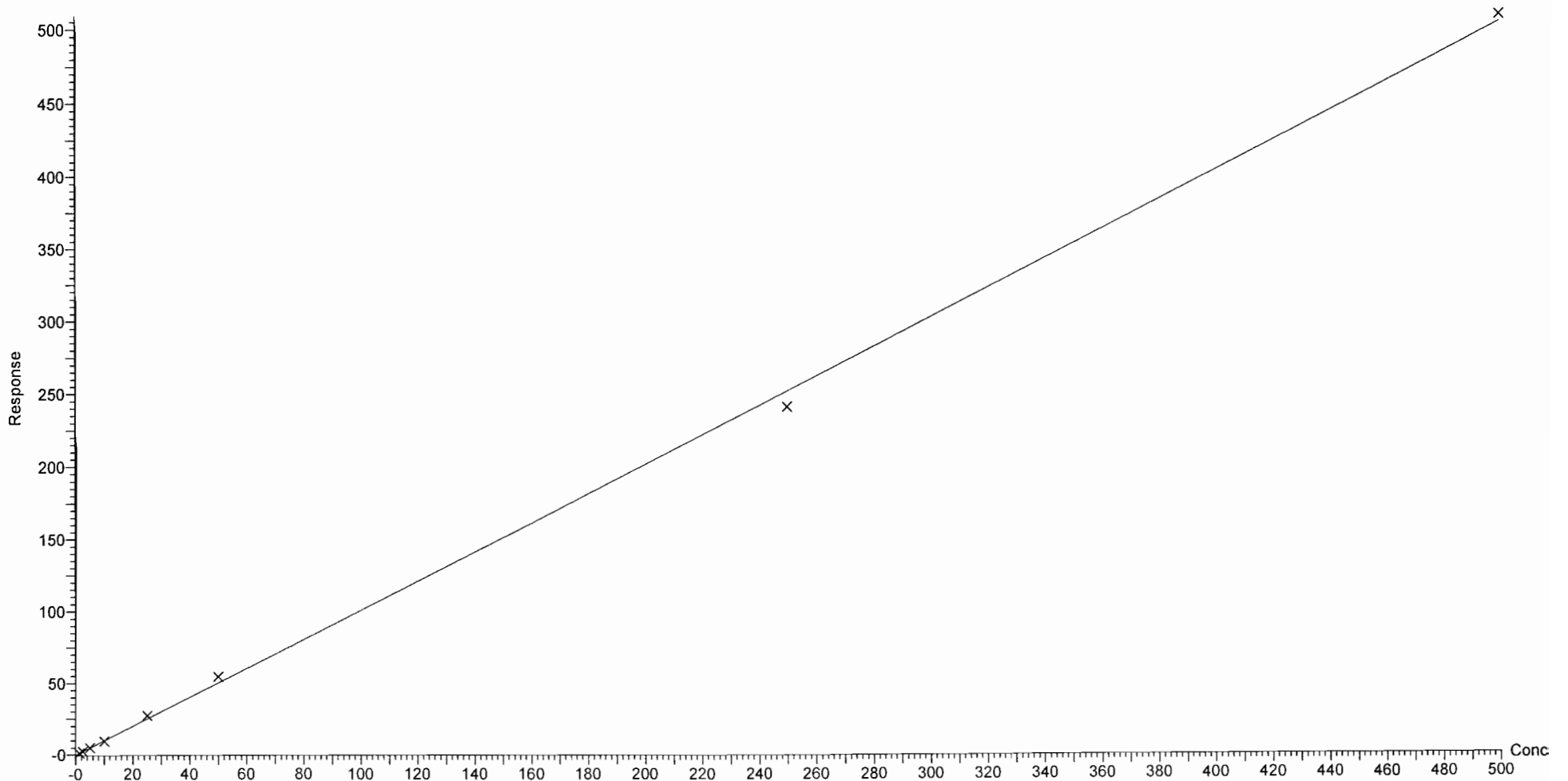
Compound name: N-EtFOSA

Coefficient of Determination: $R^2 = 0.998672$

Calibration curve: $7.78779e-006 * x^2 + 1.00573 * x + -0.161262$

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

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



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

Last Altered: Tuesday, January 16, 2018 10:22:57 Pacific Standard Time

Printed: Tuesday, January 16, 2018 10:24:35 Pacific Standard Time

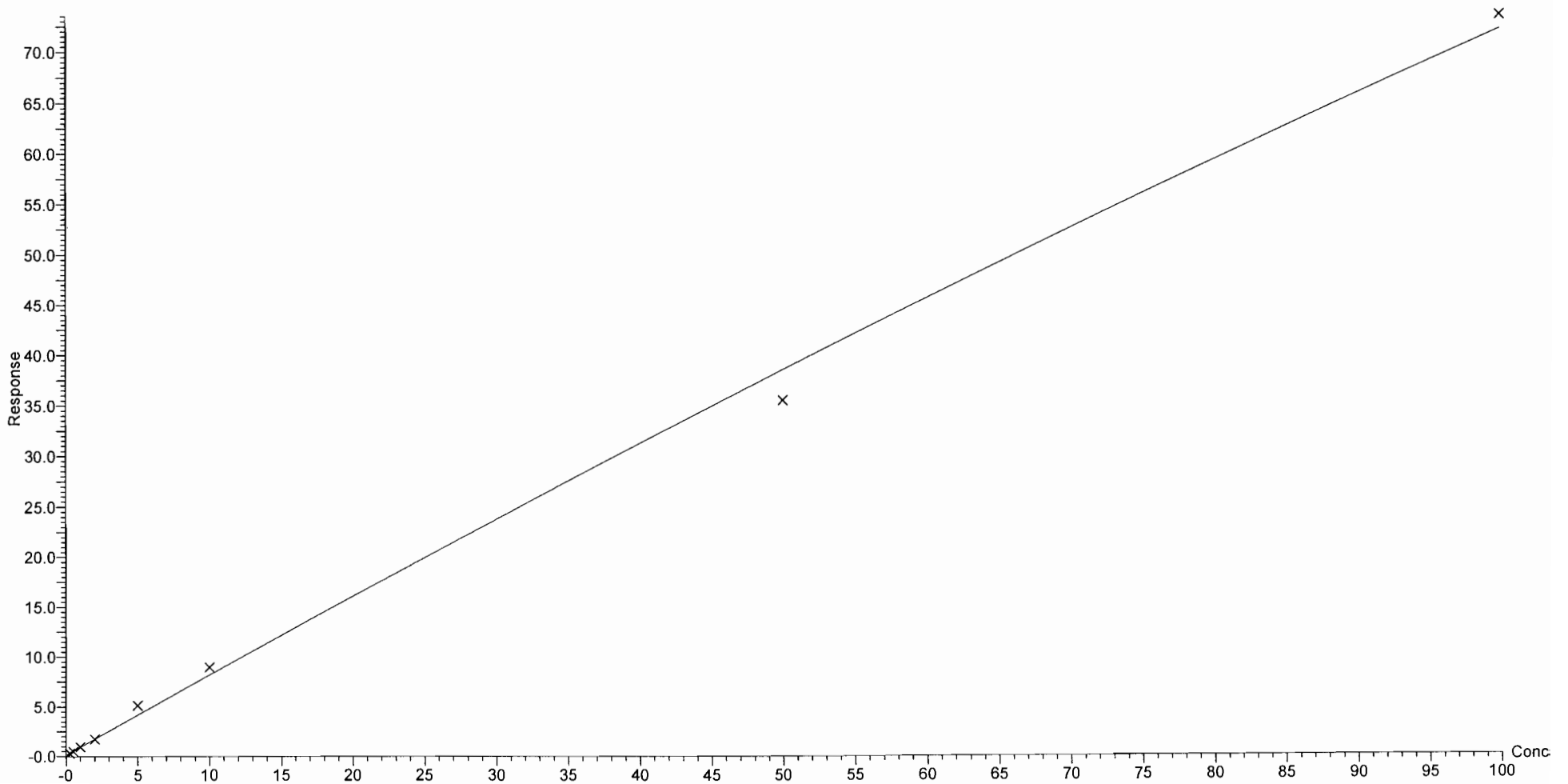
Compound name: PFHxDA

Coefficient of Determination: $R^2 = 0.994875$

Calibration curve: $-0.000963947 * x^2 + 0.816406 * x + 0.115618$

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

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



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

Last Altered: Tuesday, January 16, 2018 10:22:57 Pacific Standard Time

Printed: Tuesday, January 16, 2018 10:24:35 Pacific Standard Time

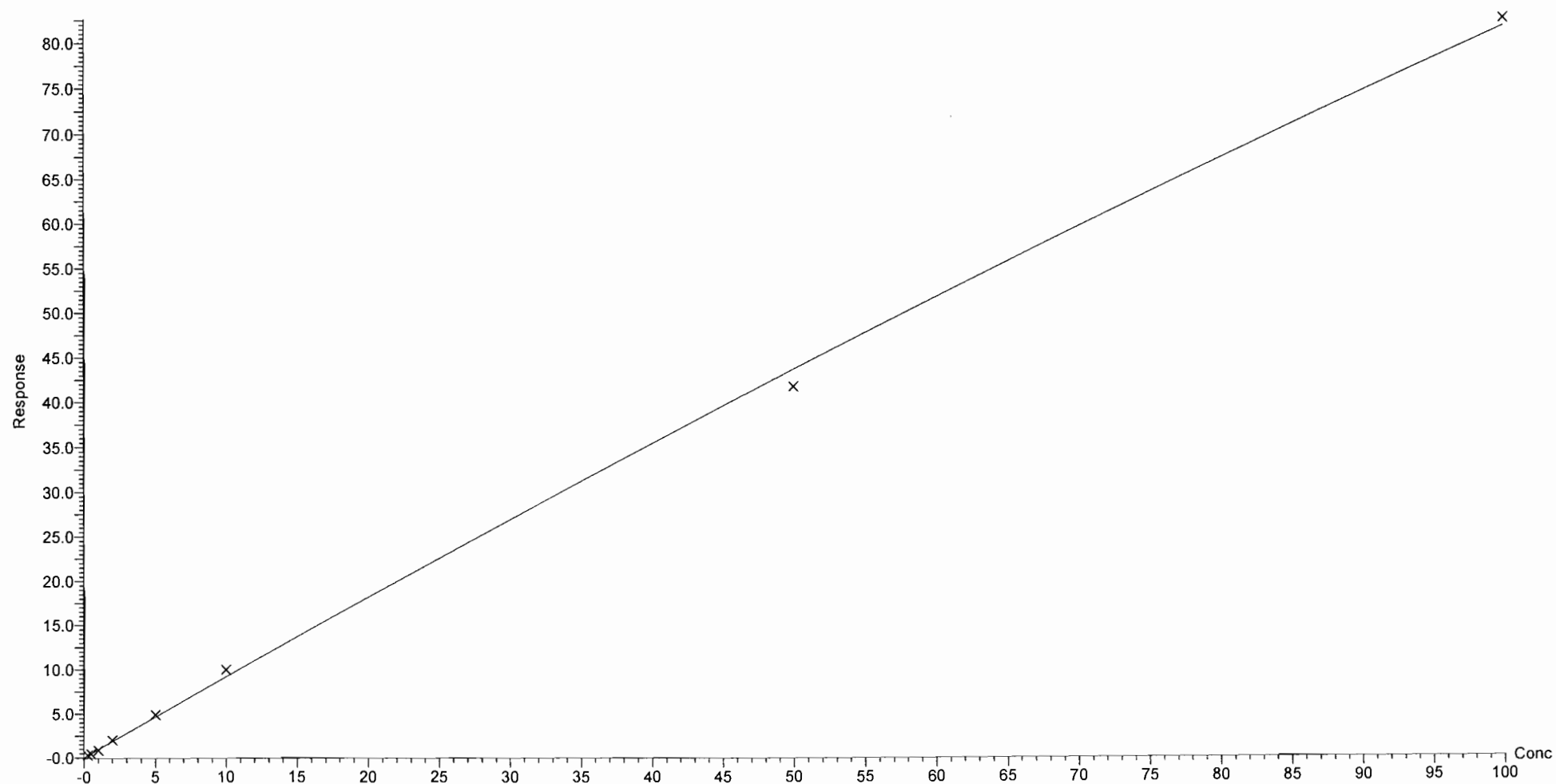
Compound name: PFODA

Coefficient of Determination: $R^2 = 0.998411$

Calibration curve: $-0.00110371 * x^2 + 0.927917 * x + 0.0174073$

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

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



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

Last Altered: Tuesday, January 16, 2018 10:22:57 Pacific Standard Time

Printed: Tuesday, January 16, 2018 10:24:35 Pacific Standard Time

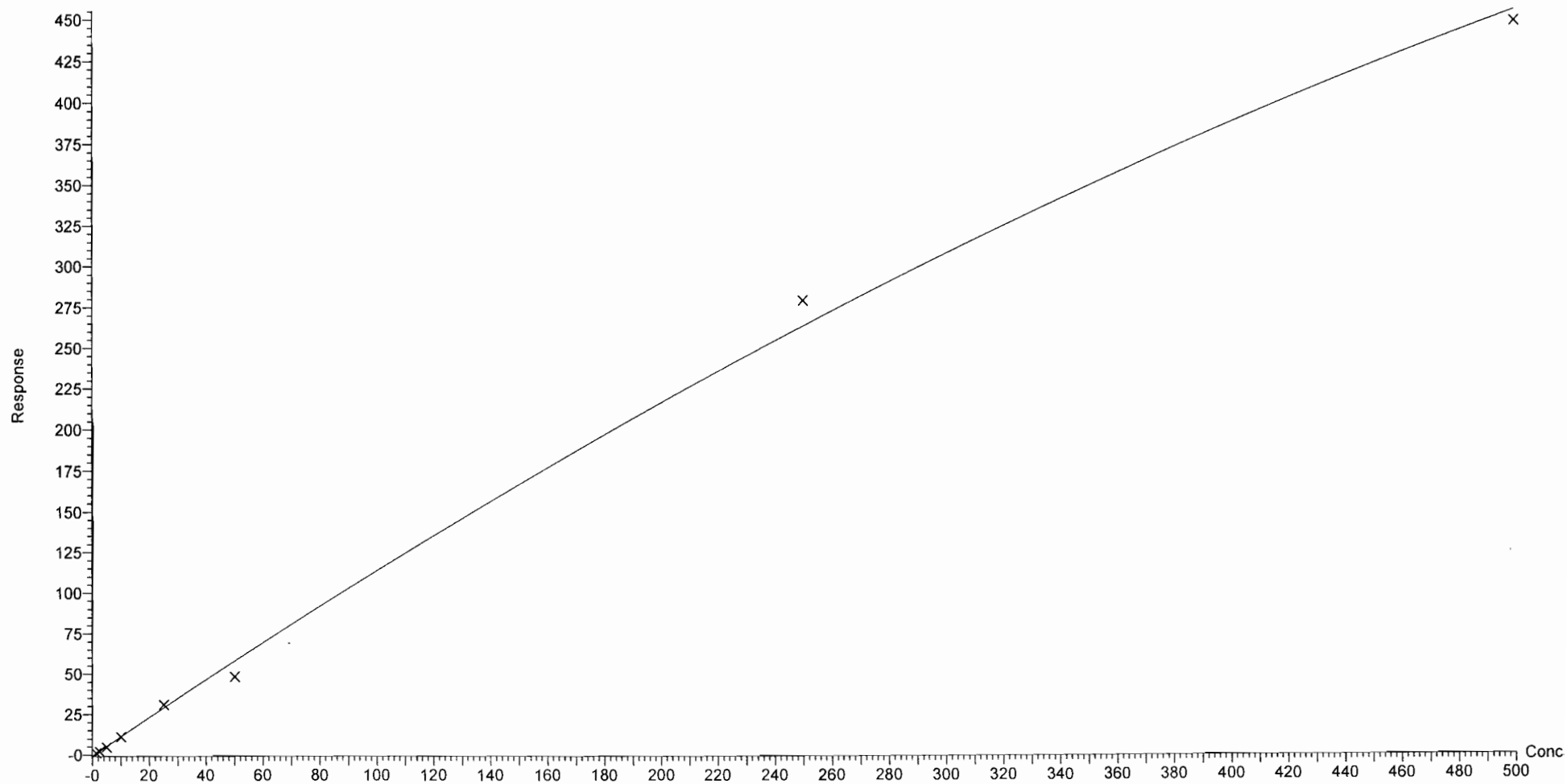
Compound name: N-MeFOSE

Coefficient of Determination: $R^2 = 0.995669$

Calibration curve: $-0.000576302 * x^2 + 1.20032 * x + -0.665296$

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

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



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

Last Altered: Tuesday, January 16, 2018 10:22:57 Pacific Standard Time

Printed: Tuesday, January 16, 2018 10:24:35 Pacific Standard Time

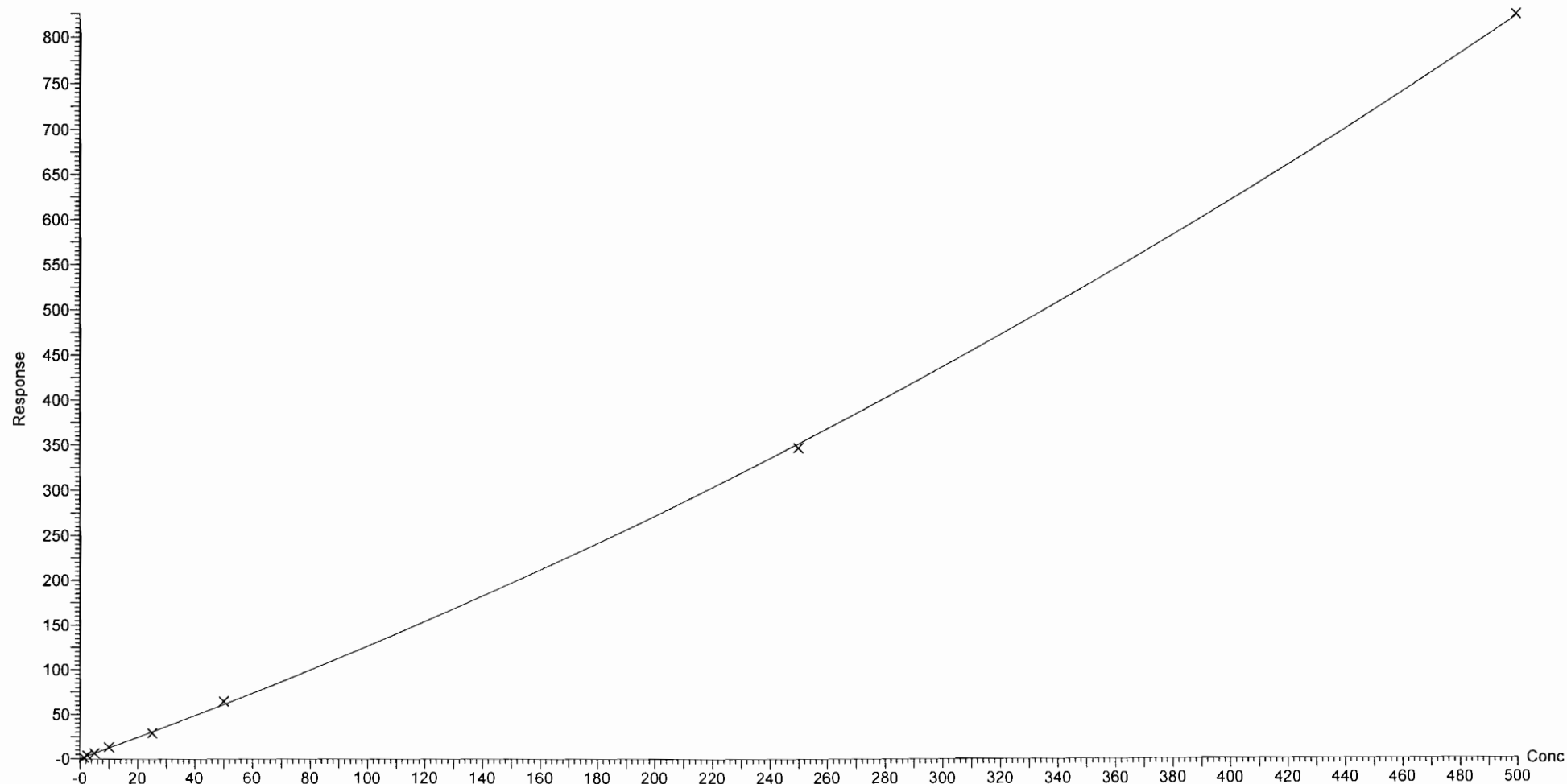
Compound name: N-EtFOSE

Coefficient of Determination: $R^2 = 0.999660$

Calibration curve: $0.00097229 * x^2 + 1.15972 * x + 0.350902$

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

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



Dataset: Untitled

Last Altered: Tuesday, January 16, 2018 10:06:30 Pacific Standard Time

Printed: Tuesday, January 16, 2018 10:09:05 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_011518.mdb 15 Jan 2018 11:38:30

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_01-15-18-FULL-OLD.cdb 16 Jan 2018 09:37:18

Compound name: PFBA

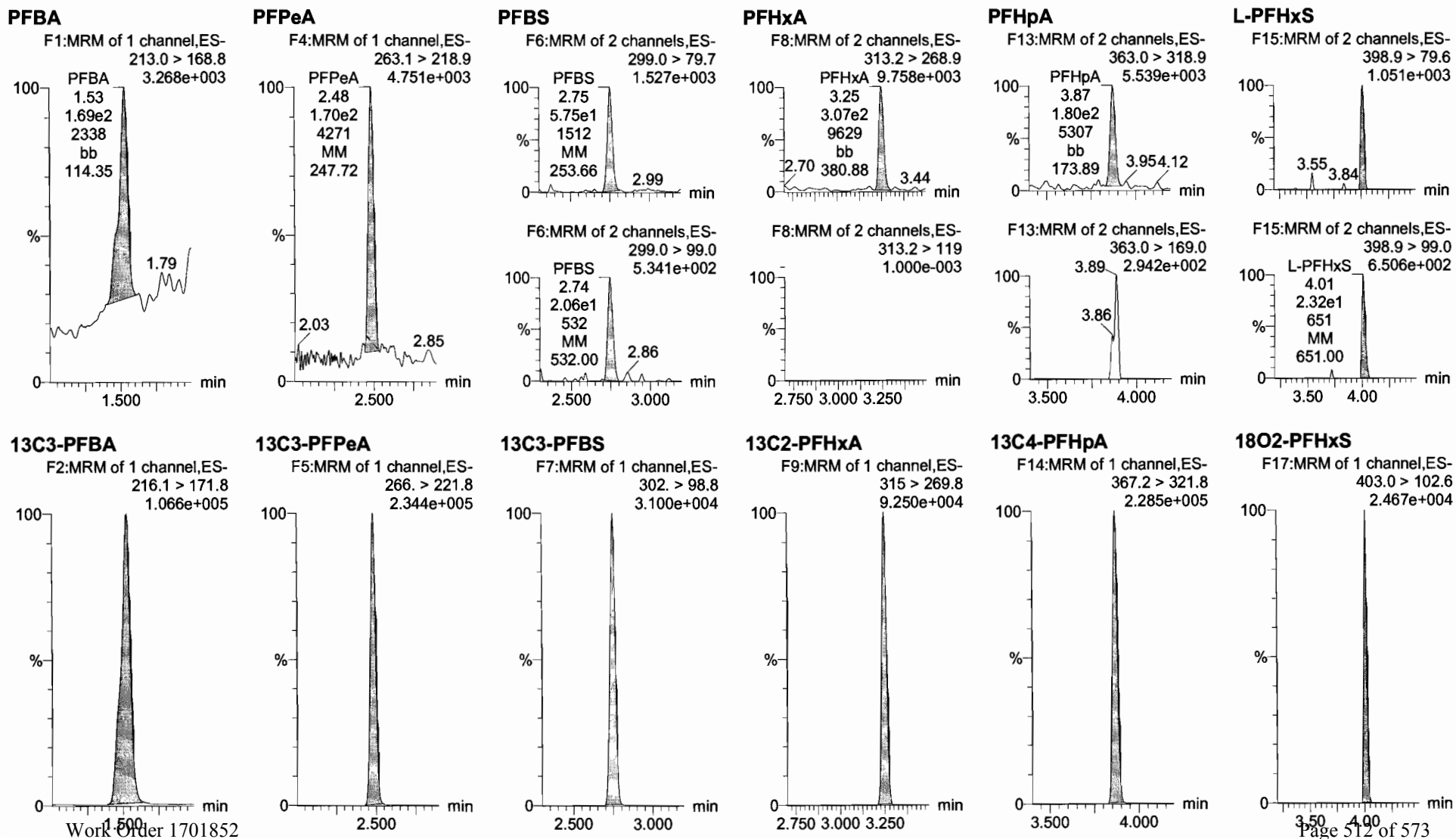
	Name	ID	Acq.Date	Acq.Time
1	180115M2_1	ST180115M2-1 PFC CS-2 17L2606	16-Jan-18	00:14:07
2	180115M2_2	ST180115M2-2 PFC CS-1 17L2607	16-Jan-18	00:25:32
3	180115M2_3	ST180115M2-3 PFC CS0 17L2608	16-Jan-18	00:37:02
4	180115M2_4	ST180115M2-4 PFC CS1 17L2609	16-Jan-18	00:48:46
5	180115M2_5	ST180115M2-5 PFC CS2 17L2610	16-Jan-18	01:00:17
6	180115M2_6	ST180115M2-6 PFC CS3 17L2611	16-Jan-18	01:11:44
7	180115M2_7	ST180115M2-7 PFC CS4 17L1208	16-Jan-18	01:23:11
8	180115M2_8	ST180115M2-8 PFC CS5 17L2613	16-Jan-18	01:34:38
9	180115M2_9	IPA	16-Jan-18	01:46:05
10	180115M2_10	ICV180115M2-1 PFC ICV 17L1201	16-Jan-18	01:57:31
11	180115M2_11	IPA	16-Jan-18	02:08:58

Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

Last Altered: Tuesday, January 16, 2018 09:37:18 Pacific Standard Time
Printed: Tuesday, January 16, 2018 09:39:21 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_011518.mdb 15 Jan 2018 11:38:30
Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_01-15-18-FULL-OLD.cdb 16 Jan 2018 09:37:18

Name: 180115M2_1, Date: 16-Jan-2018, Time: 00:14:07, ID: ST180115M2-1 PFC CS-2 17L2606, Description: PFC CS-2 17L2606



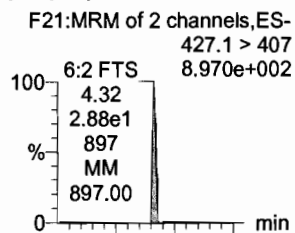
Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

Last Altered: Tuesday, January 16, 2018 09:37:18 Pacific Standard Time

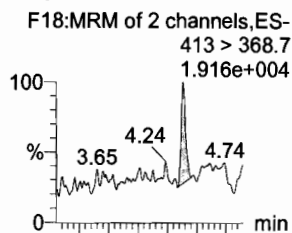
Printed: Tuesday, January 16, 2018 09:39:21 Pacific Standard Time

Name: 180115M2_1, Date: 16-Jan-2018, Time: 00:14:07, ID: ST180115M2-1 PFC CS-2 17L2606, Description: PFC CS-2 17L2606

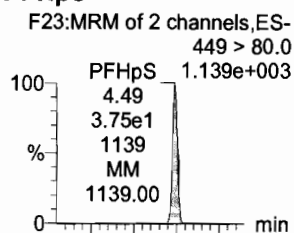
6:2 FTS



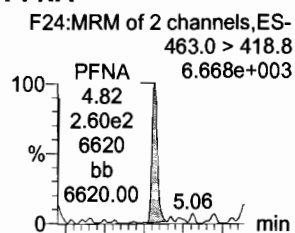
L-PFOA



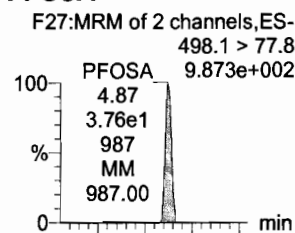
PFHpS



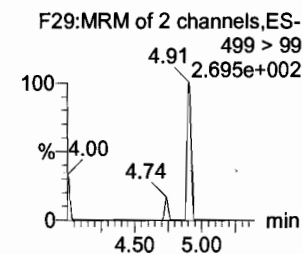
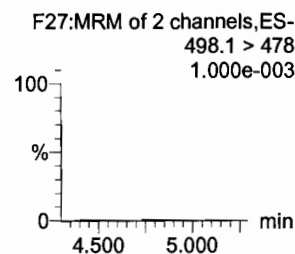
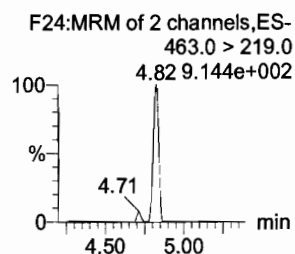
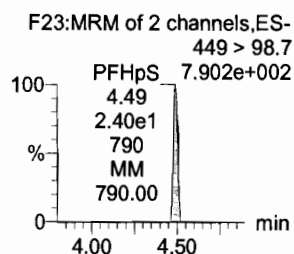
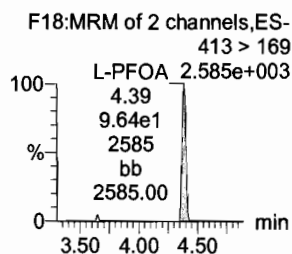
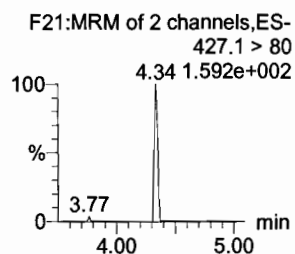
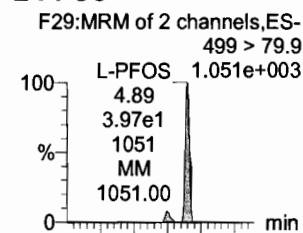
PFNA



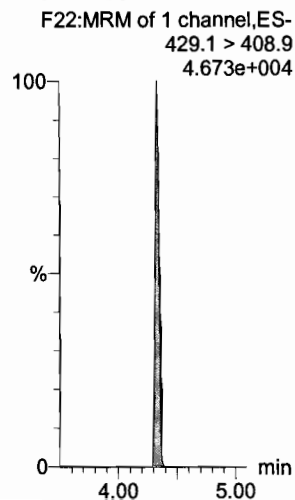
PFOSA



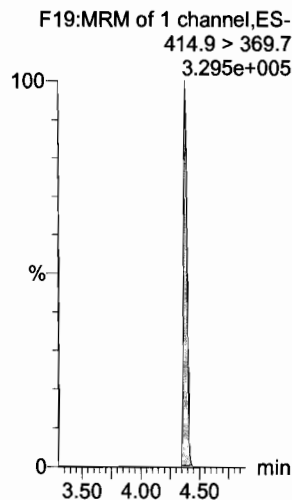
L-PFOS



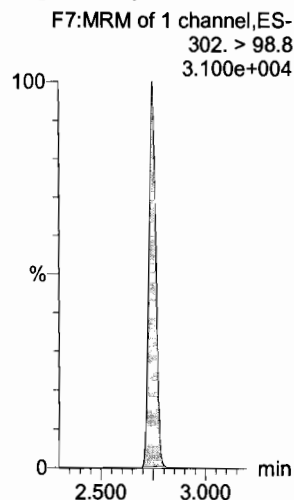
13C2-6:2 FTS



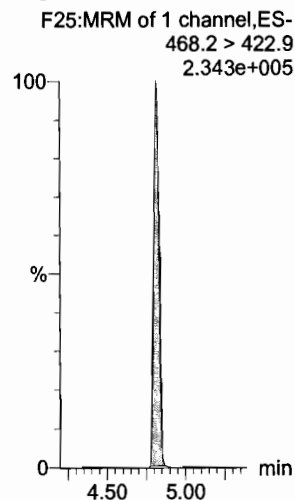
13C2-PFOA



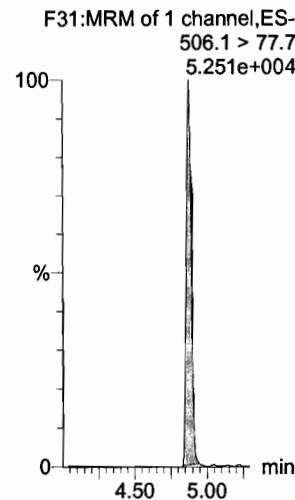
13C3-PFBS



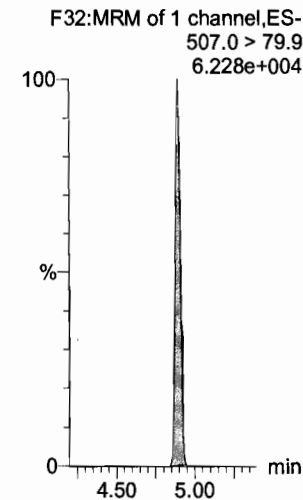
13C5-PFNA



13C8-PFOSA



13C8-PFOS



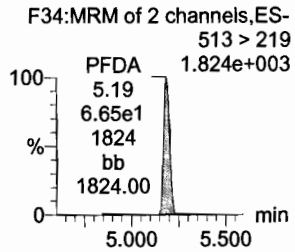
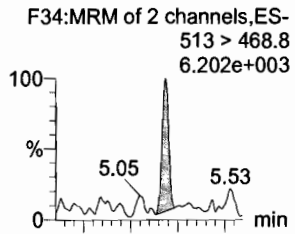
Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

Last Altered: Tuesday, January 16, 2018 09:37:18 Pacific Standard Time

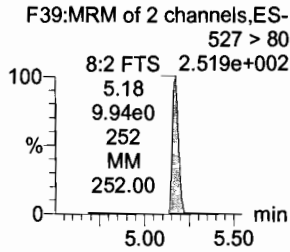
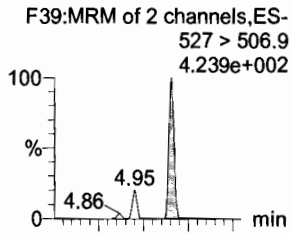
Printed: Tuesday, January 16, 2018 09:39:21 Pacific Standard Time

Name: 180115M2_1, Date: 16-Jan-2018, Time: 00:14:07, ID: ST180115M2-1 PFC CS-2 17L2606, Description: PFC CS-2 17L2606

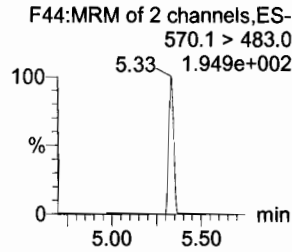
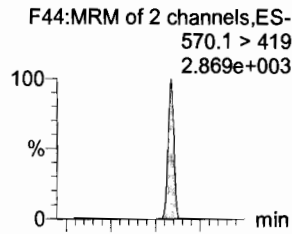
PFDA



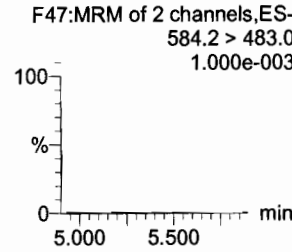
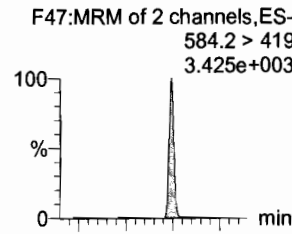
8:2 FTS



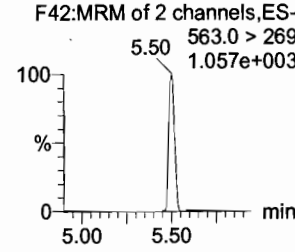
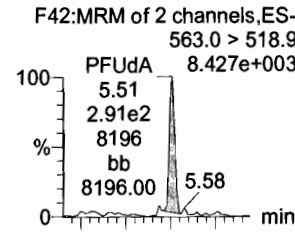
N-MeFOSAA



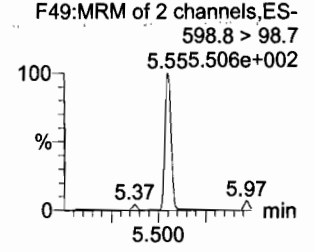
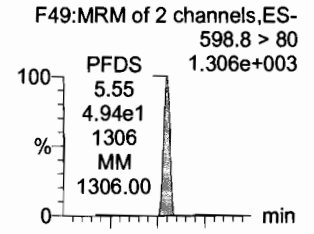
N-EtFOSAA



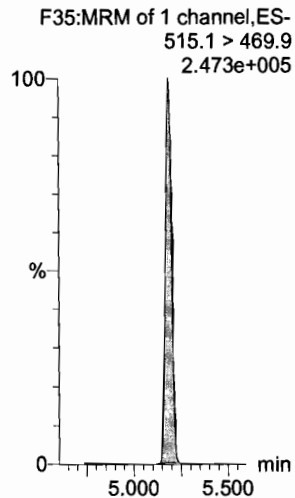
PFUdA



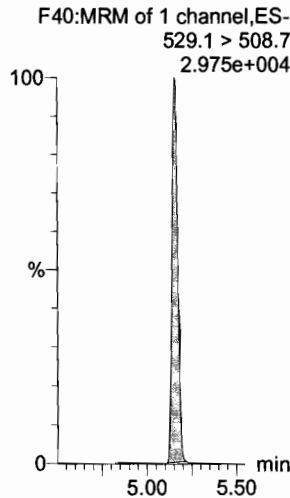
PFDS



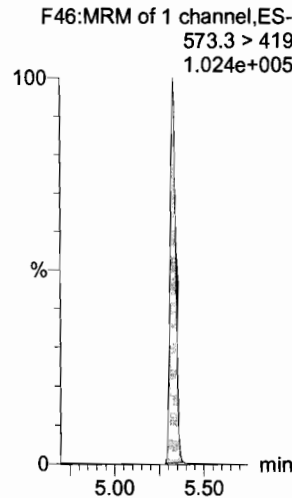
13C2-PFDA



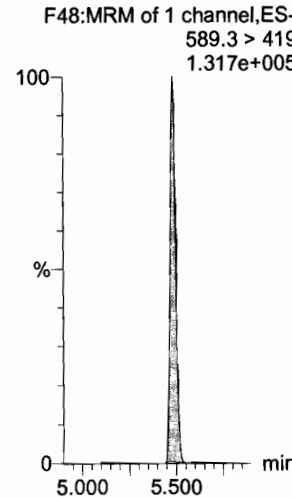
13C2-8:2 FTS



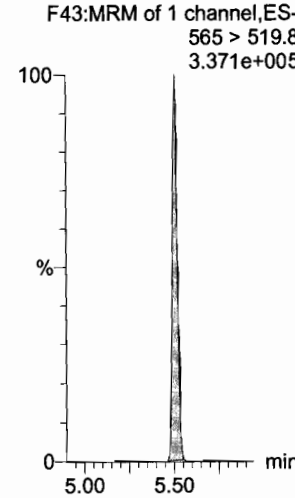
d3-N-MeFOSAA



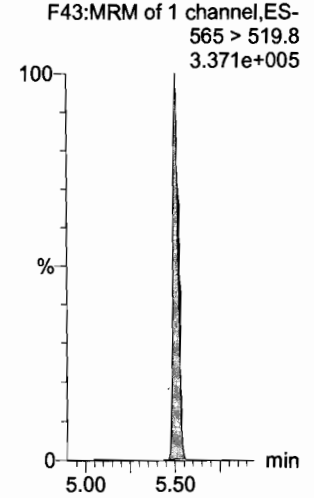
d5-N-EtFOSAA



13C2-PFUdA



13C2-PFUdA



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

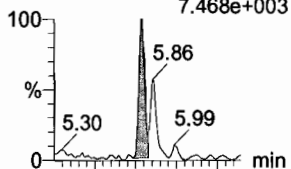
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Printed: Tuesday, January 16, 2018 09:39:21 Pacific Standard Time

Name: 180115M2_1, Date: 16-Jan-2018, Time: 00:14:07, ID: ST180115M2-1 PFC CS-2 17L2606, Description: PFC CS-2 17L2606

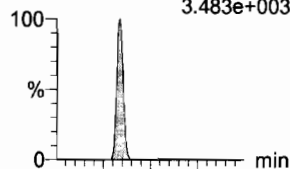
PFDaA

F50:MRM of 2 channels,ES-
612.9 > 569.0
7.468e+003



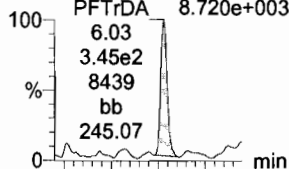
N-MeFOSA

F33:MRM of 2 channels,ES-
512.1 > 168.9
3.483e+003



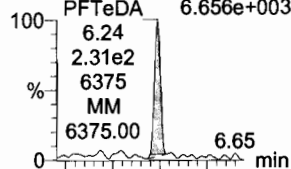
PFTrDA

F56:MRM of 2 channels,ES-
662.9 > 618.9
8.720e+003



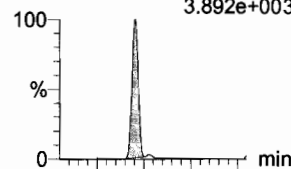
PFTeDA

F57:MRM of 2 channels,ES-
712.9 > 668.8
6.656e+003



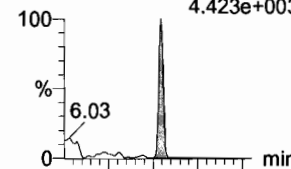
N-EtFOSA

F38:MRM of 2 channels,ES-
526.1 > 168.9
3.892e+003

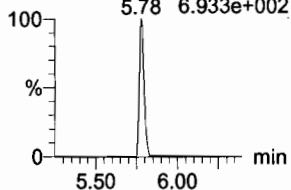


PFHxDA

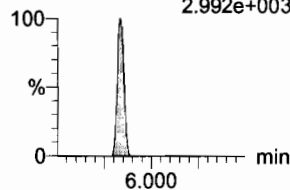
F59:MRM of 2 channels,ES-
813.1 > 768.6
4.423e+003



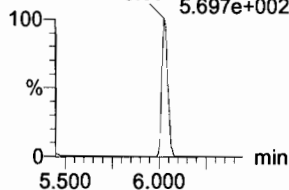
F50:MRM of 2 channels,ES-
612.9 > 318.8
6.933e+002



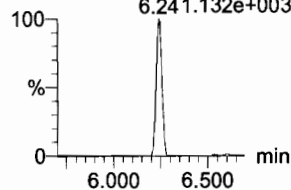
F33:MRM of 2 channels,ES-
512.1 > 219
2.992e+003



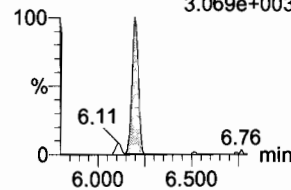
F56:MRM of 2 channels,ES-
662.9 > 319
5.697e+002



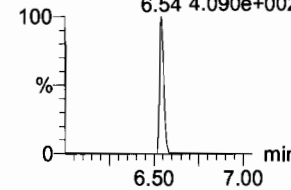
F57:MRM of 2 channels,ES-
712.9 > 369
6.241.132e+003



F38:MRM of 2 channels,ES-
526.1 > 219
3.069e+003

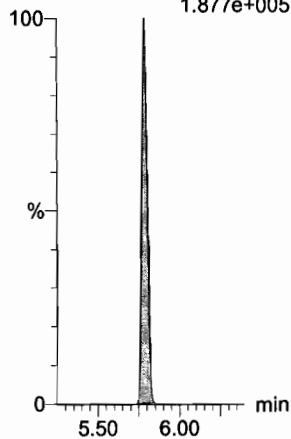


F59:MRM of 2 channels,ES-
813.1 > 219
4.090e+002



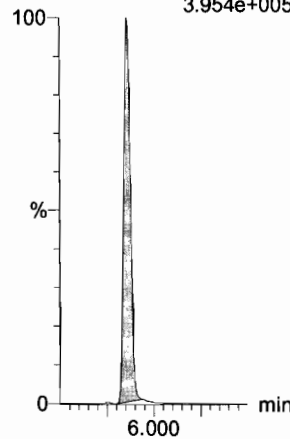
13C2-PFDaA

F51:MRM of 1 channel,ES-
615.0 > 569.7
1.877e+005



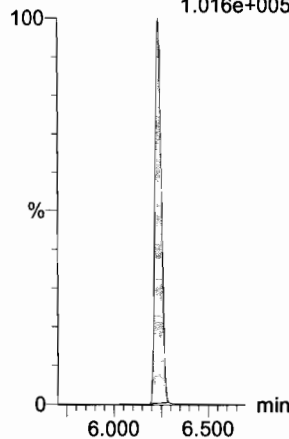
d3-N-MeFOSA

F36:MRM of 1 channel,ES-
515.2 > 168.9
3.954e+005



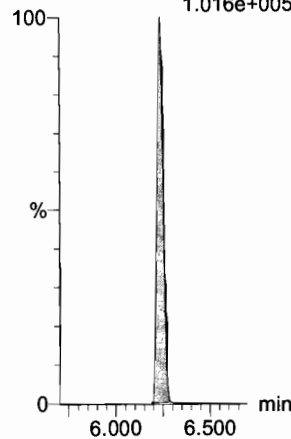
13C2-PFTeDA

F58:MRM of 2 channels,ES-
714.8 > 669.6
1.016e+005



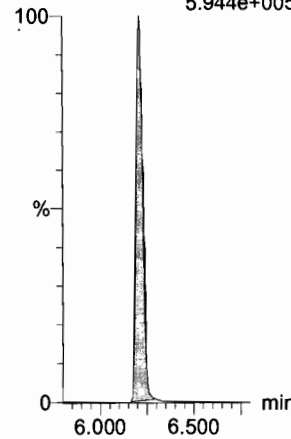
13C2-PFTeDA

F58:MRM of 2 channels,ES-
714.8 > 669.6
1.016e+005



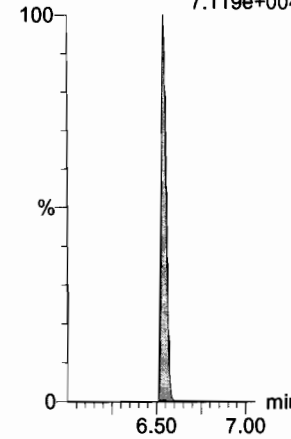
d5-N-ETFOSA

F41:MRM of 1 channel,ES-
531.1 > 168.9
5.944e+005



13C2-PFHxDA

F60:MRM of 1 channel,ES-
815 > 769.7
7.119e+004



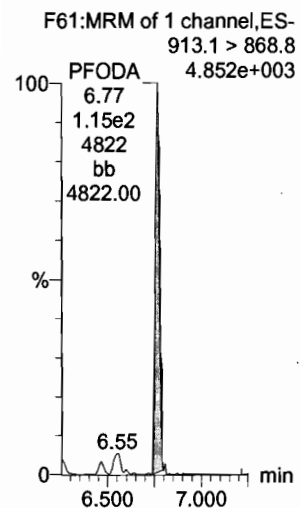
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Last Altered: Tuesday, January 16, 2018 09:37:18 Pacific Standard Time

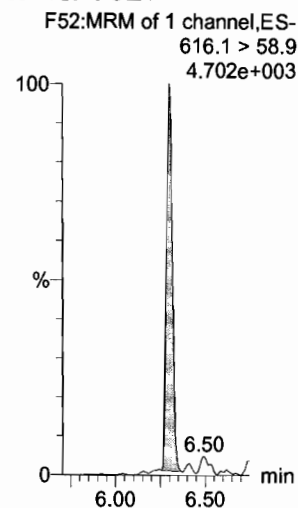
Printed: Tuesday, January 16, 2018 09:39:21 Pacific Standard Time

Name: 180115M2_1, Date: 16-Jan-2018, Time: 00:14:07, ID: ST180115M2-1 PFC CS-2 17L2606, Description: PFC CS-2 17L2606

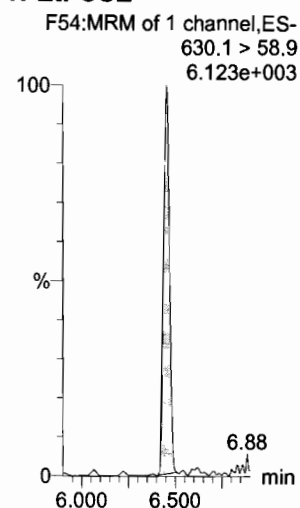
PFODA



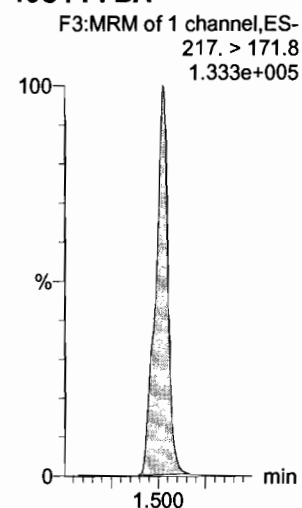
N-MeFOSE



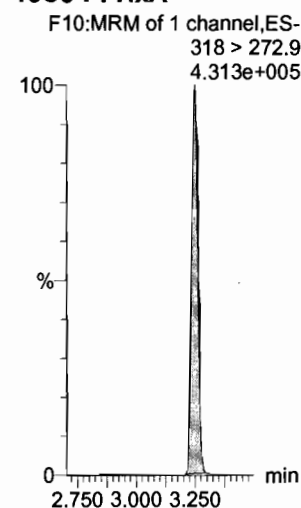
N-EtFOSE



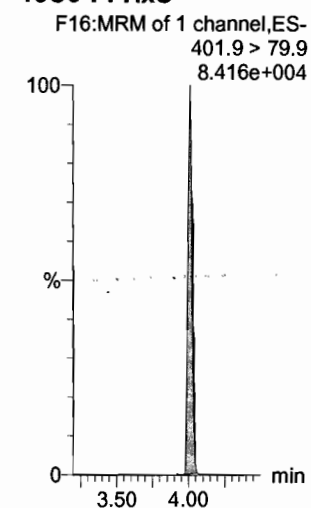
13C4-PFBA



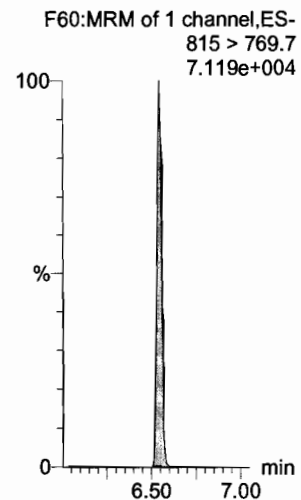
13C5-PFHxA



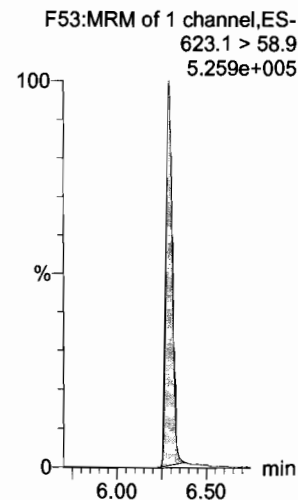
13C3-PFHxS



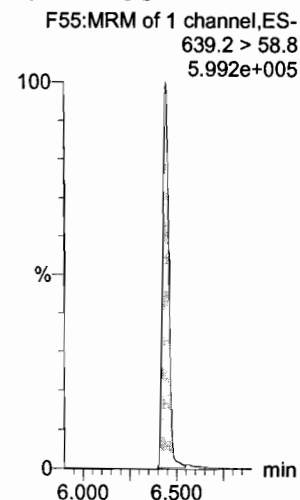
13C2-PFHxDa



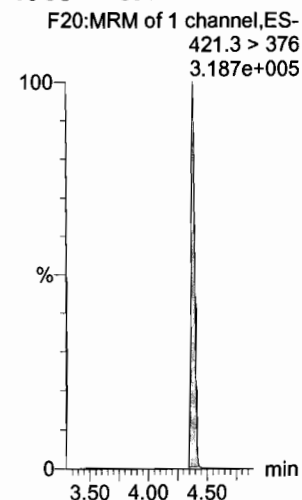
d7-N-MeFOSE



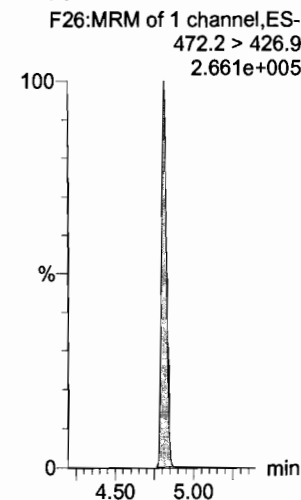
d9-N-EtFOSE



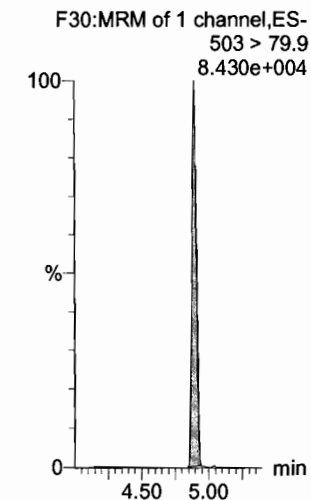
13C8-PFOA



13C9-PFNA



13C4-PFOS



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

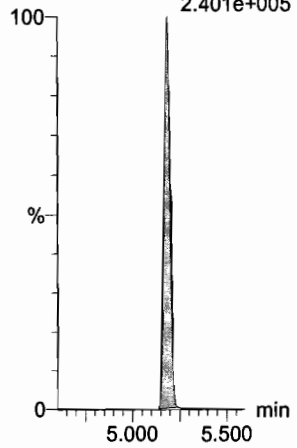
Last Altered: Tuesday, January 16, 2018 09:37:18 Pacific Standard Time

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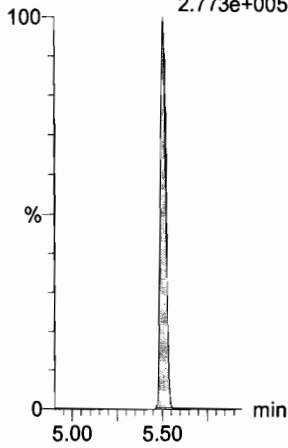
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
2.401e+005



13C7-PFUdA

F45:MRM of 1 channel,ES-
570.1 > 524.8
2.773e+005

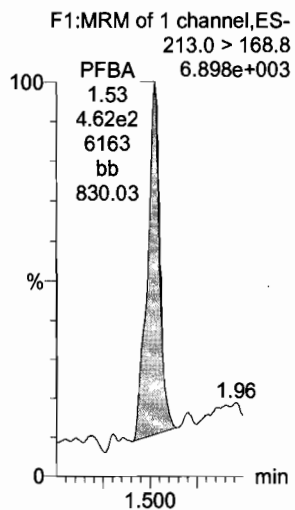


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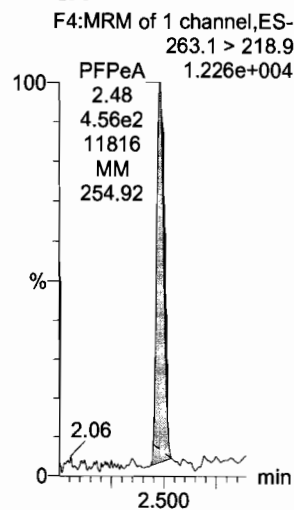
Last Altered: Tuesday, January 16, 2018 09:37:18 Pacific Standard Time
Printed: Tuesday, January 16, 2018 09:39:21 Pacific Standard Time

Name: 180115M2_2, Date: 16-Jan-2018, Time: 00:25:32, ID: ST180115M2-2 PFC CS-1 17L2607, Description: PFC CS-1 17L2607

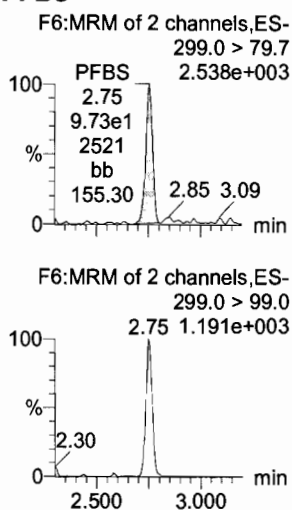
PFBA



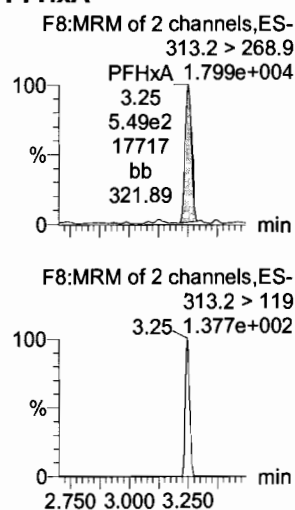
PFPeA



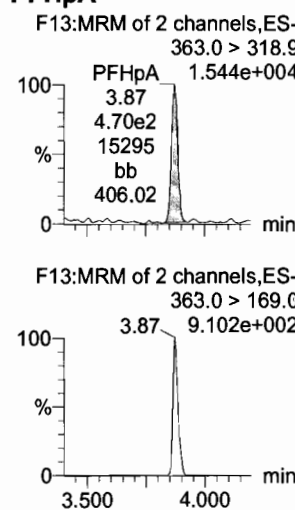
PFBS



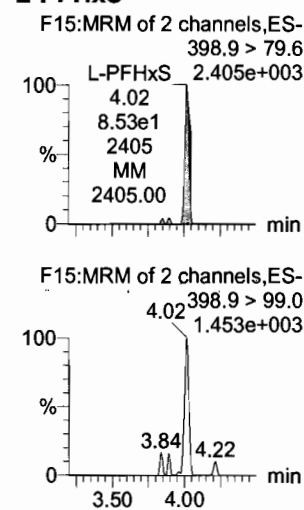
PFHxA



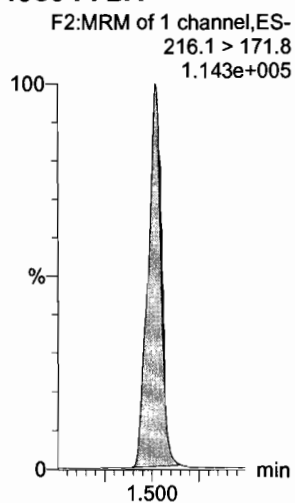
PFHpA



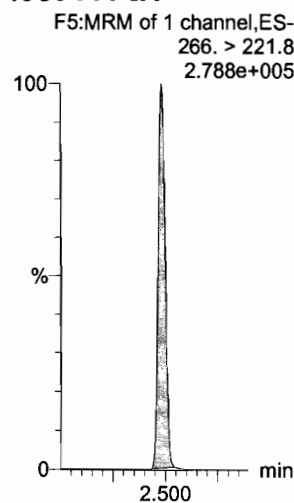
L-PFHxS



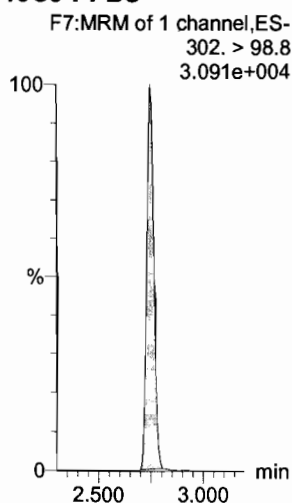
13C3-PFBA



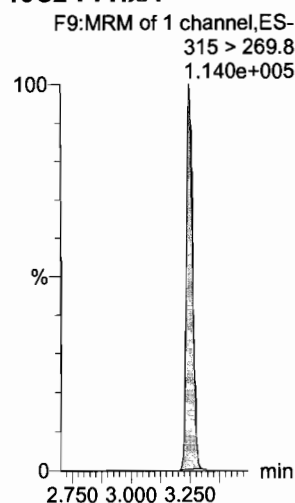
13C3-PFPeA



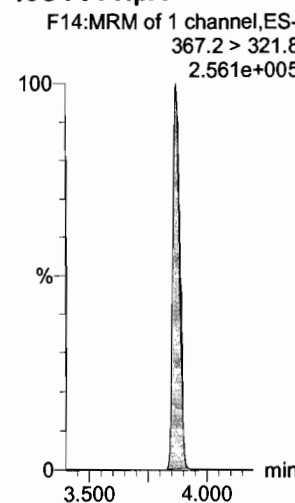
13C3-PFBS



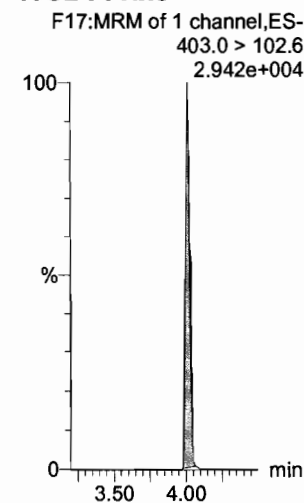
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS

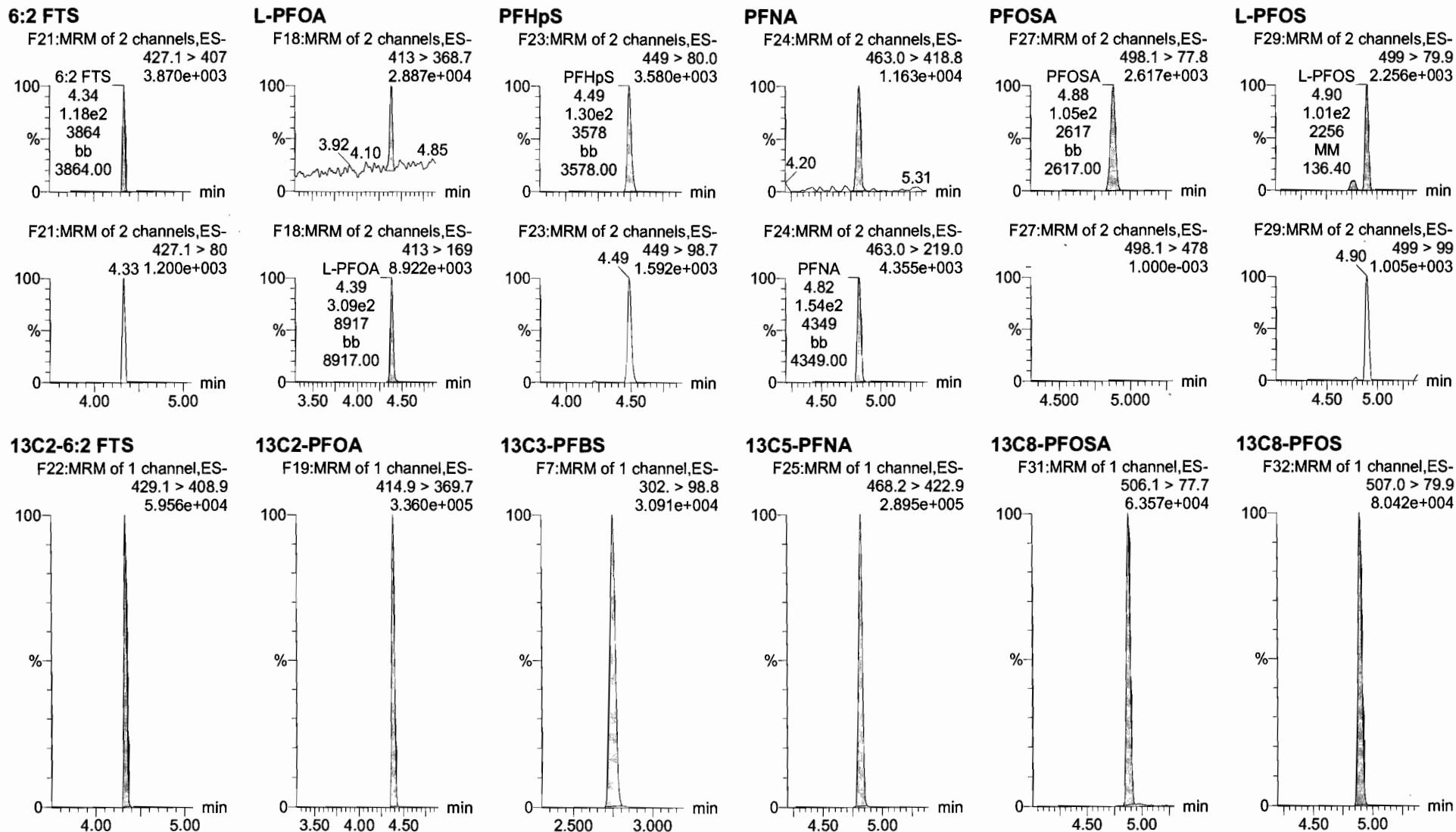


Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

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Name: 180115M2_2, Date: 16-Jan-2018, Time: 00:25:32, ID: ST180115M2-2 PFC CS-1 17L2607, Description: PFC CS-1 17L2607



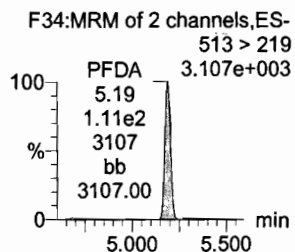
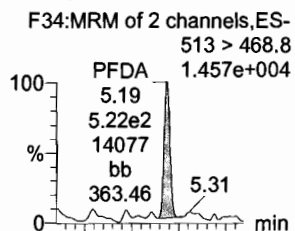
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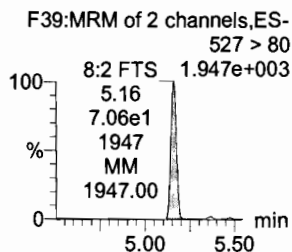
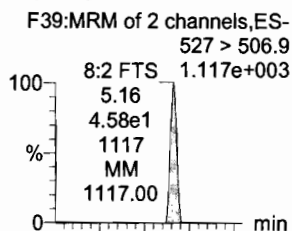
Printed: Tuesday, January 16, 2018 09:39:21 Pacific Standard Time

Name: 180115M2_2, Date: 16-Jan-2018, Time: 00:25:32, ID: ST180115M2-2 PFC CS-1 17L2607, Description: PFC CS-1 17L2607

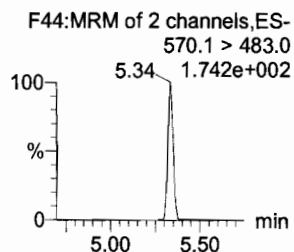
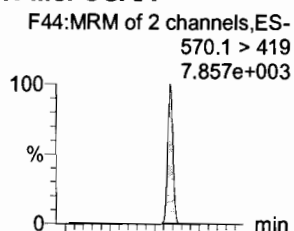
PFDA



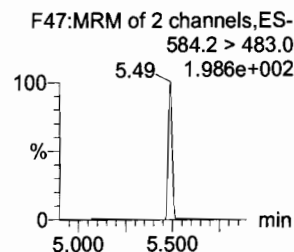
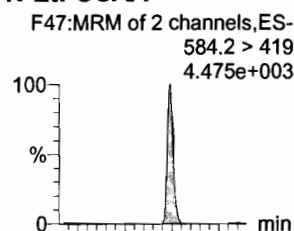
8:2 FTS



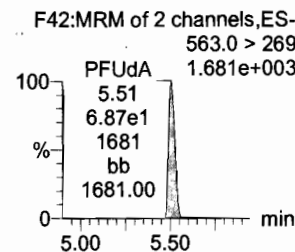
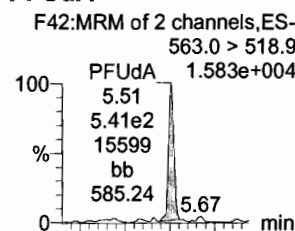
N-MeFOSAA



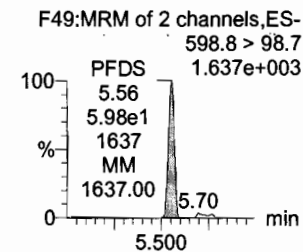
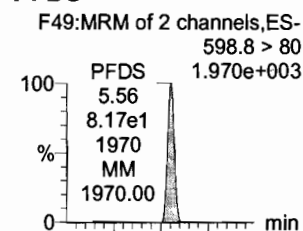
N-EtFOSAA



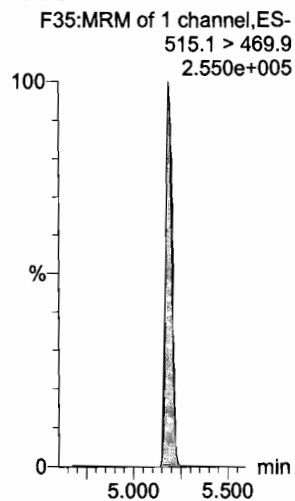
PFUdA



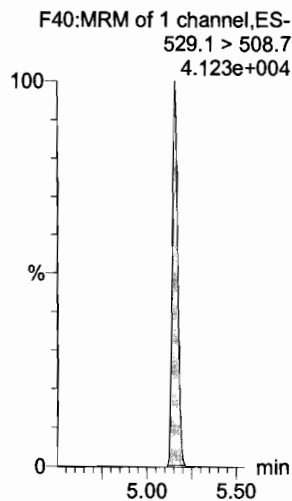
PFDS



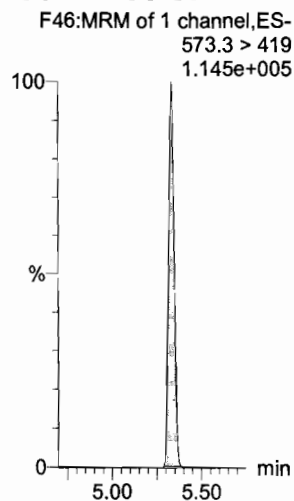
13C2-PFDA



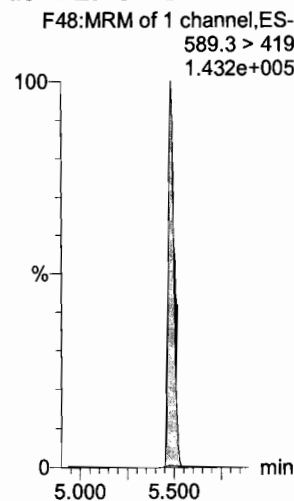
13C2-8:2 FTS



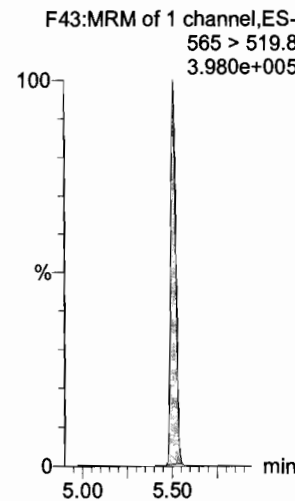
d3-N-MeFOSAA



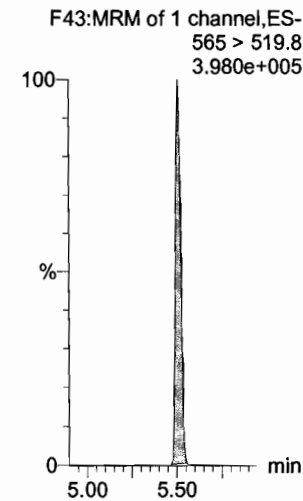
d5-N-EtFOSAA



13C2-PFUdA



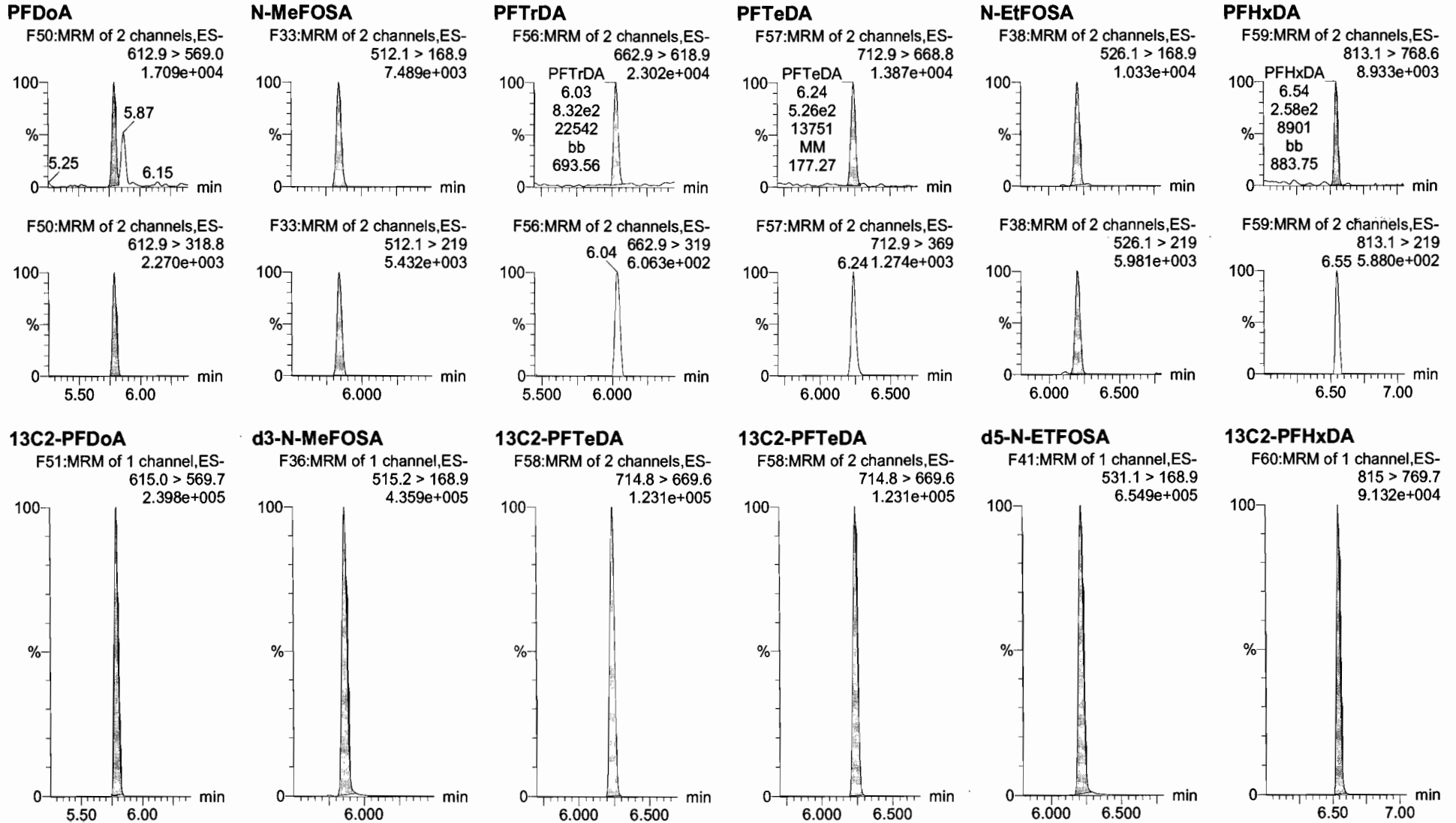
13C2-PFDS



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

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Name: 180115M2_2, Date: 16-Jan-2018, Time: 00:25:32, ID: ST180115M2-2 PFC CS-1 17L2607, Description: PFC CS-1 17L2607



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

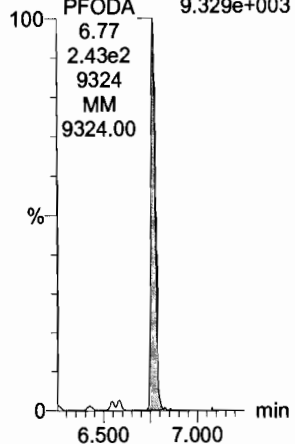
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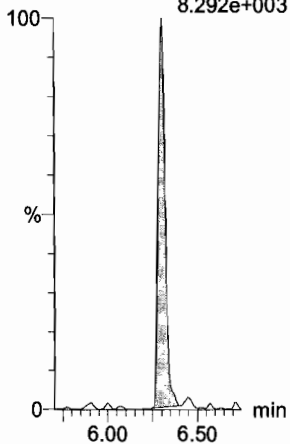
PFODA

F61:MRM of 1 channel,ES-
913.1 > 868.8
9.329e+003



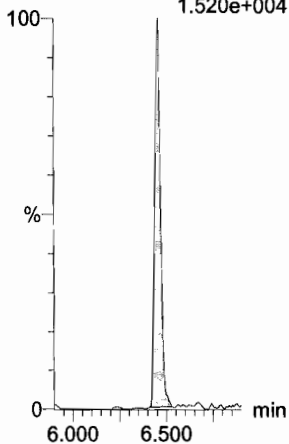
N-MeFOSE

F52:MRM of 1 channel,ES-
616.1 > 58.9
8.292e+003



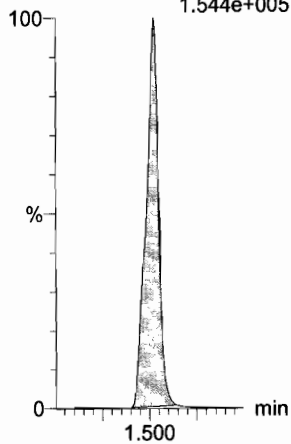
N-EtFOSE

F54:MRM of 1 channel,ES-
630.1 > 58.9
1.520e+004



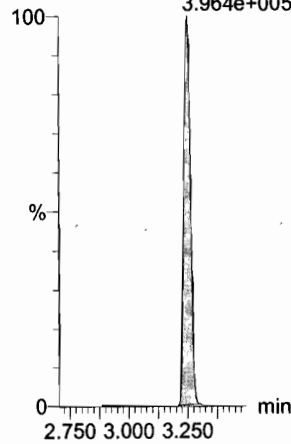
13C4-PFBA

F3:MRM of 1 channel,ES-
217. > 171.8
1.544e+005



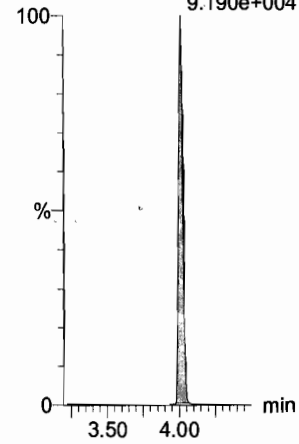
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
3.964e+005



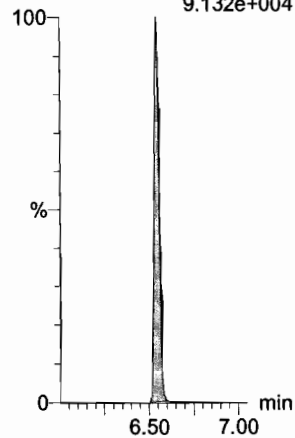
13C3-PFHxS

F16:MRM of 1 channel,ES-
401.9 > 79.9
9.190e+004



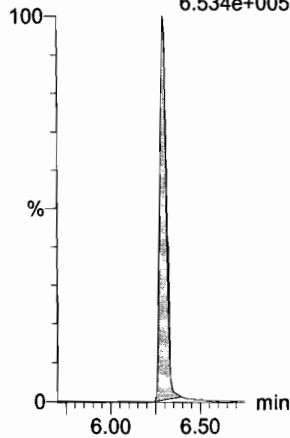
13C2-PFHxDa

F60:MRM of 1 channel,ES-
815 > 769.7
9.132e+004



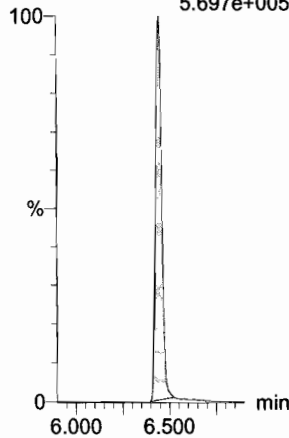
d7-N-MeFOSE

F53:MRM of 1 channel,ES-
623.1 > 58.9
6.534e+005



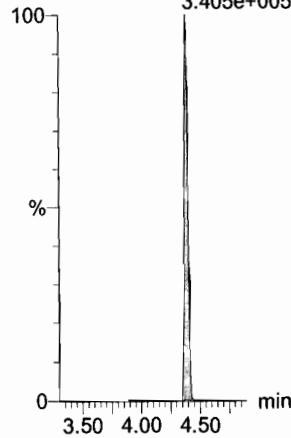
d9-N-EtFOSE

F55:MRM of 1 channel,ES-
639.2 > 58.8
5.697e+005



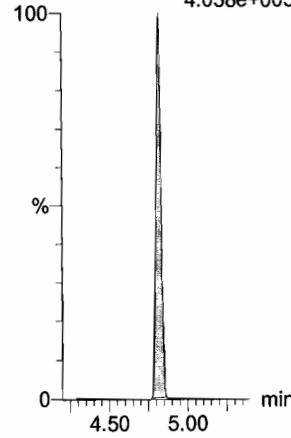
13C8-PFOA

F20:MRM of 1 channel,ES-
421.3 > 376
3.405e+005



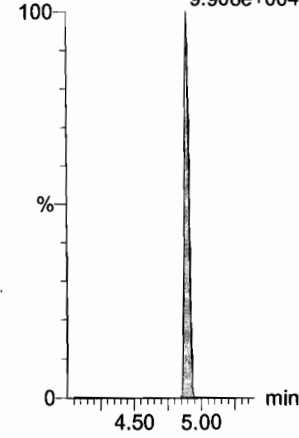
13C9-PFNA

F26:MRM of 1 channel,ES-
472.2 > 426.9
4.038e+005



13C4-PFOS

F30:MRM of 1 channel,ES-
503 > 79.9
9.908e+004



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

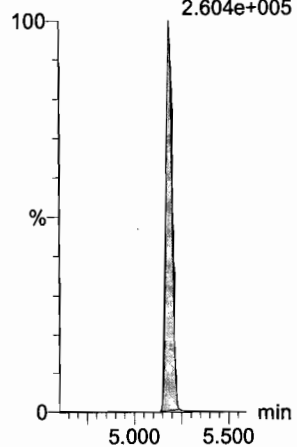
Last Altered: Tuesday, January 16, 2018 09:37:18 Pacific Standard Time

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Name: 180115M2_2, Date: 16-Jan-2018, Time: 00:25:32, ID: ST180115M2-2 PFC CS-1 17L2607, Description: PFC CS-1 17L2607

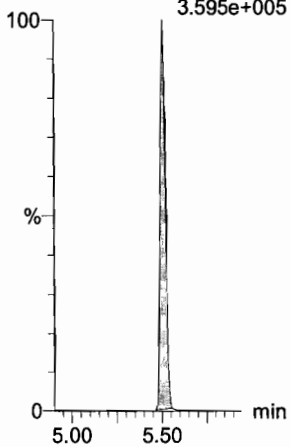
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
2.604e+005



13C7-PFUdA

F45:MRM of 1 channel,ES-
570.1 > 524.8
3.595e+005



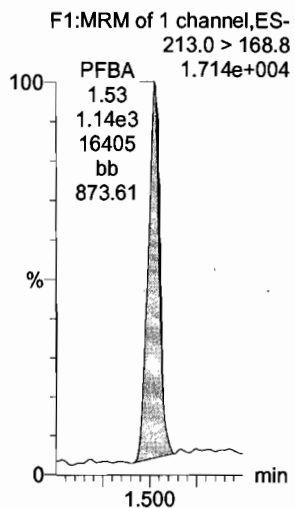
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Last Altered: Tuesday, January 16, 2018 09:37:18 Pacific Standard Time

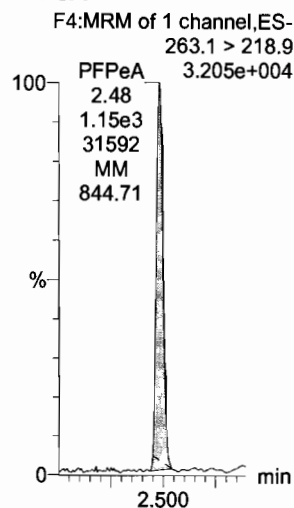
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Name: 180115M2_3, Date: 16-Jan-2018, Time: 00:37:02, ID: ST180115M2-3 PFC CS0 17L2608, Description: PFC CS0 17L2608

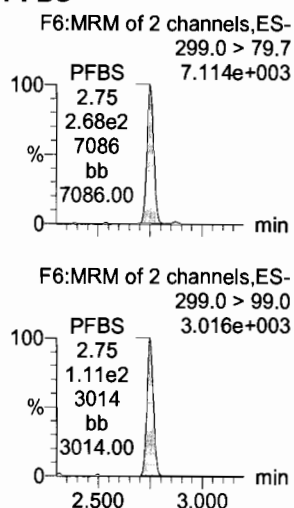
PFBA



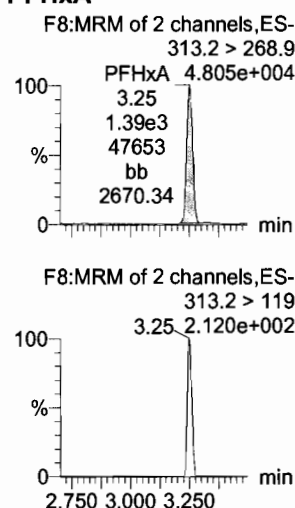
PFPeA



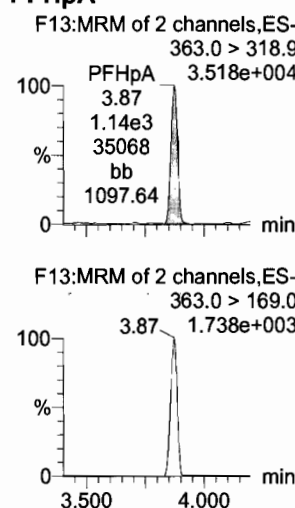
PFBS



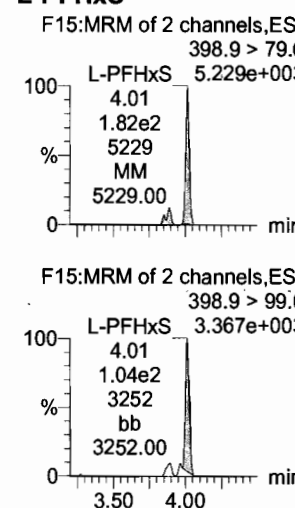
PFHxA



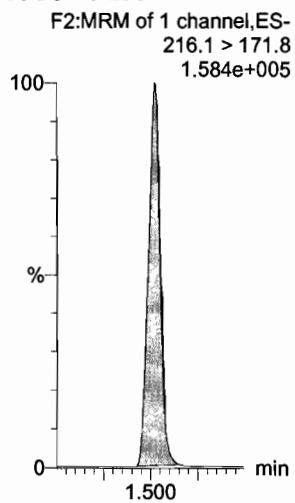
PFHpA



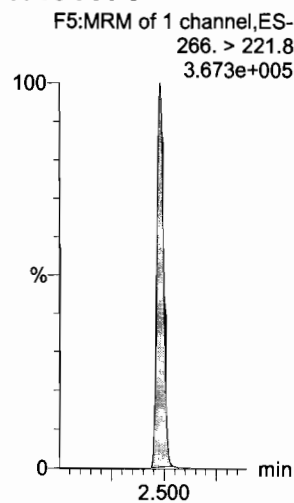
L-PFHxS



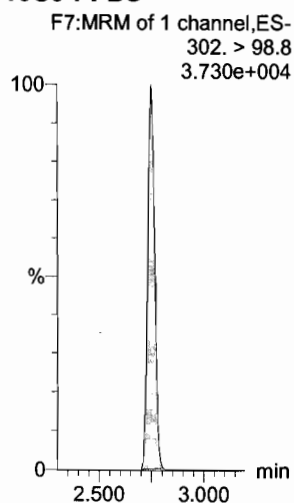
13C3-PFBA



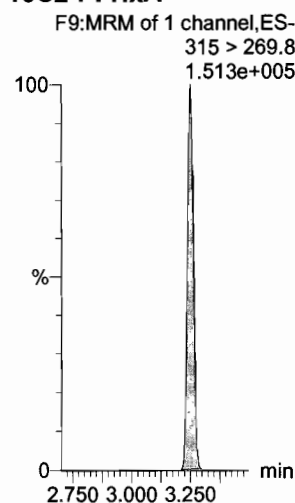
13C3-PFPeA



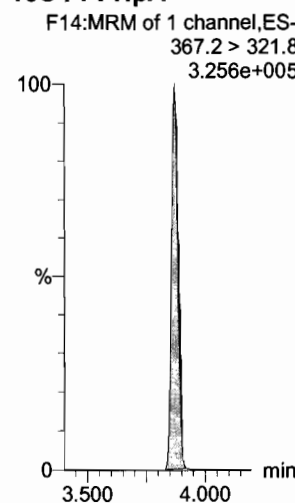
13C3-PFBS



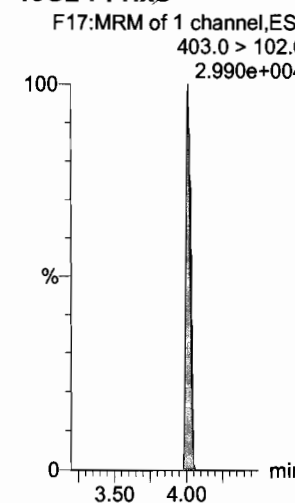
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



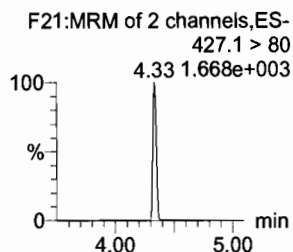
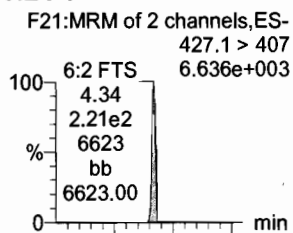
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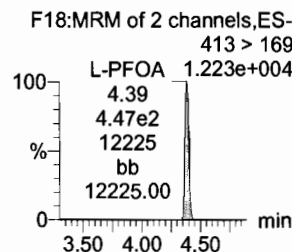
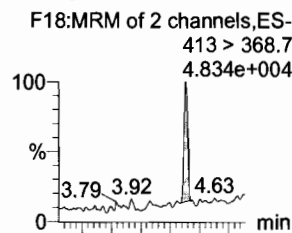
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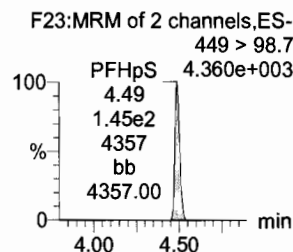
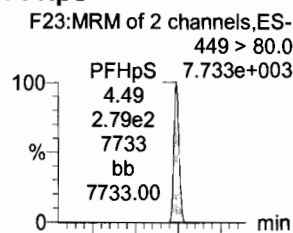
6:2 FTS



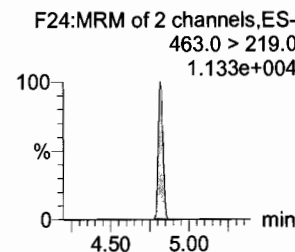
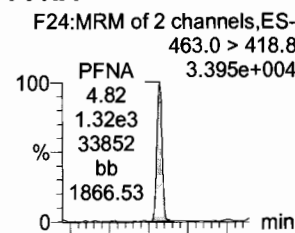
L-PFOA



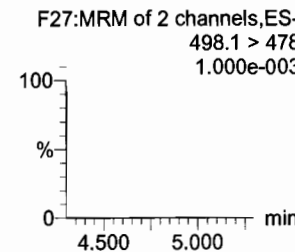
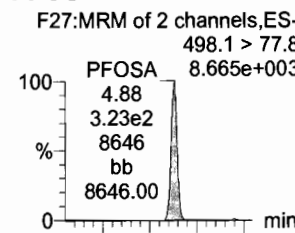
PFHpS



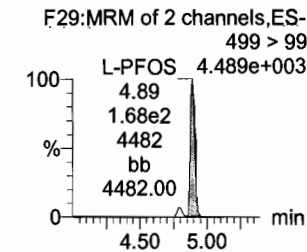
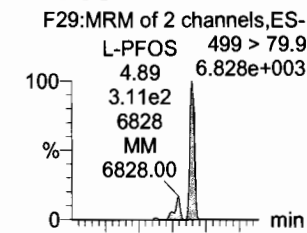
PFNA



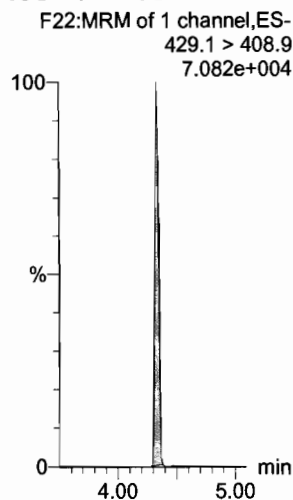
PFOSA



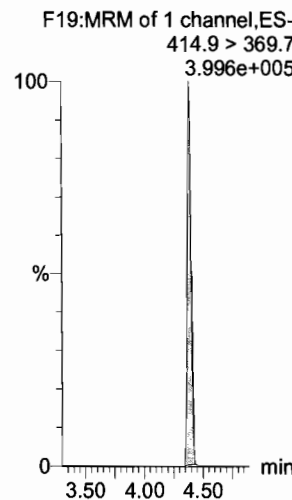
L-PFOS



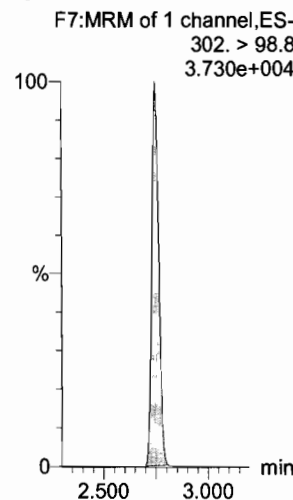
13C2-6:2 FTS



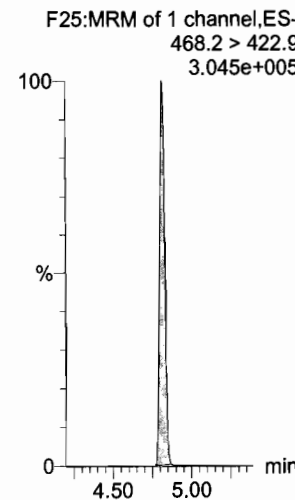
13C2-PFOA



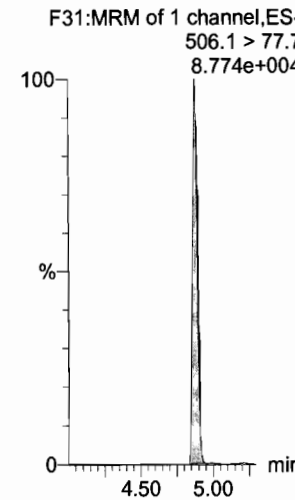
13C3-PFBS



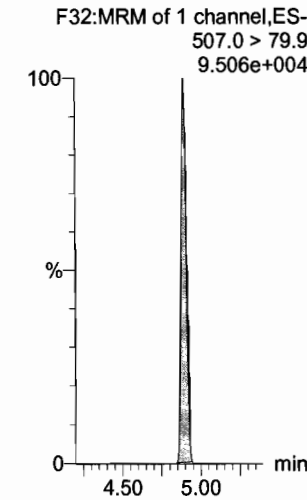
13C5-PFNA



13C8-PFOA



13C8-PFOS

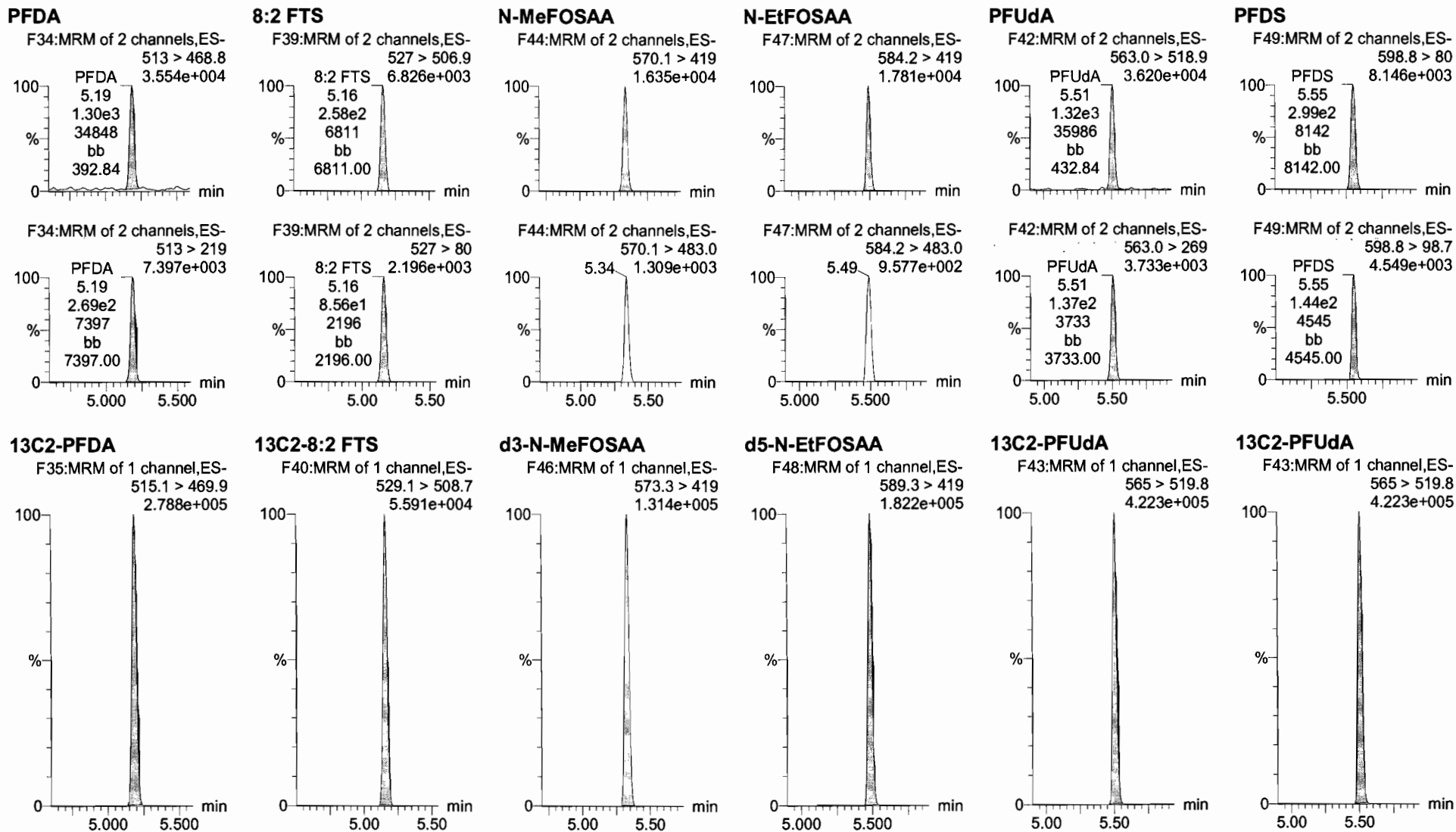


Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

Last Altered: Tuesday, January 16, 2018 09:37:18 Pacific Standard Time

Printed: Tuesday, January 16, 2018 09:39:21 Pacific Standard Time

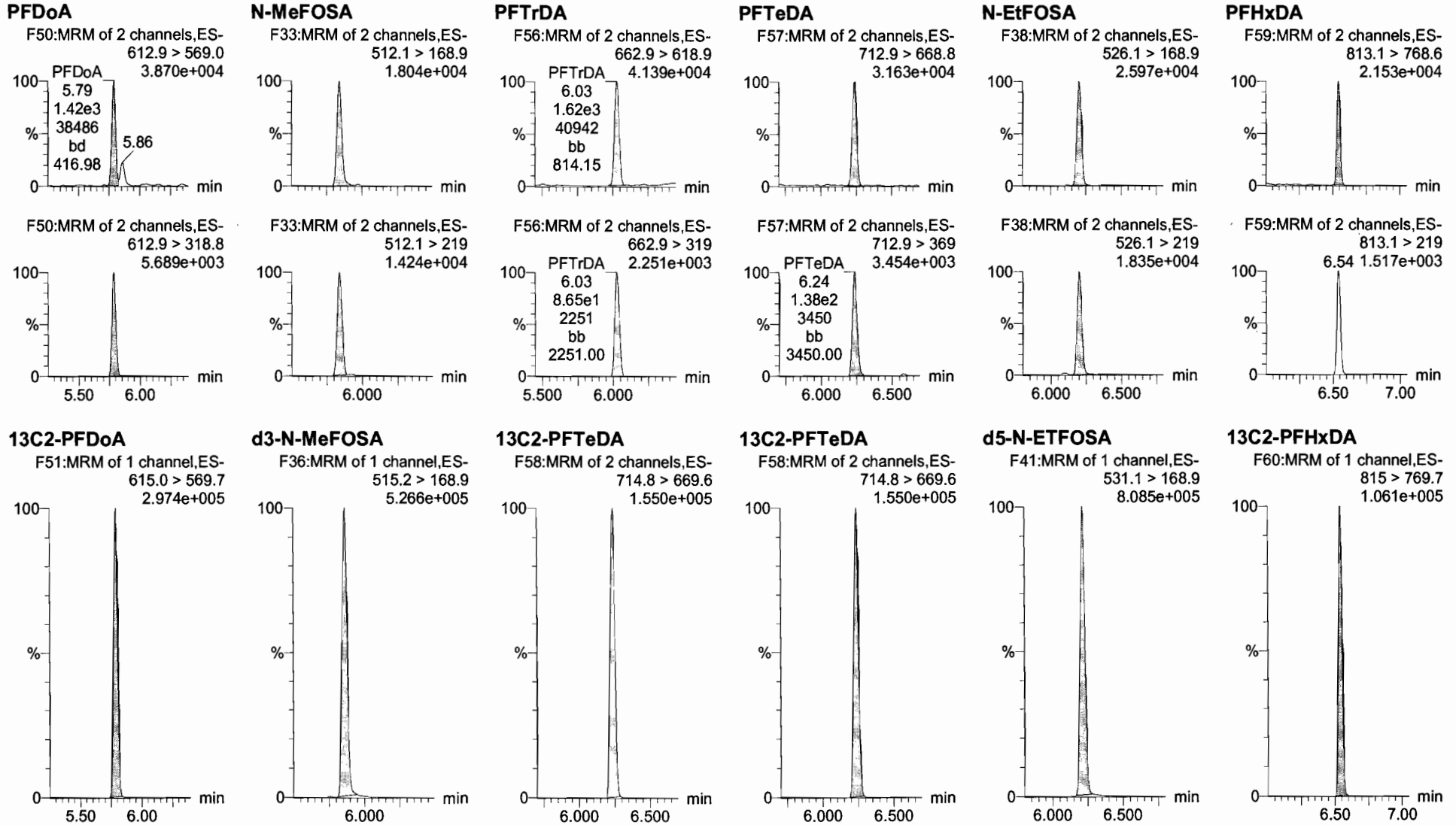
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Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

Last Altered: Tuesday, January 16, 2018 09:37:18 Pacific Standard Time
Printed: Tuesday, January 16, 2018 09:39:21 Pacific Standard Time

Name: 180115M2_3, Date: 16-Jan-2018, Time: 00:37:02, ID: ST180115M2-3 PFC CS0 17L2608, Description: PFC CS0 17L2608

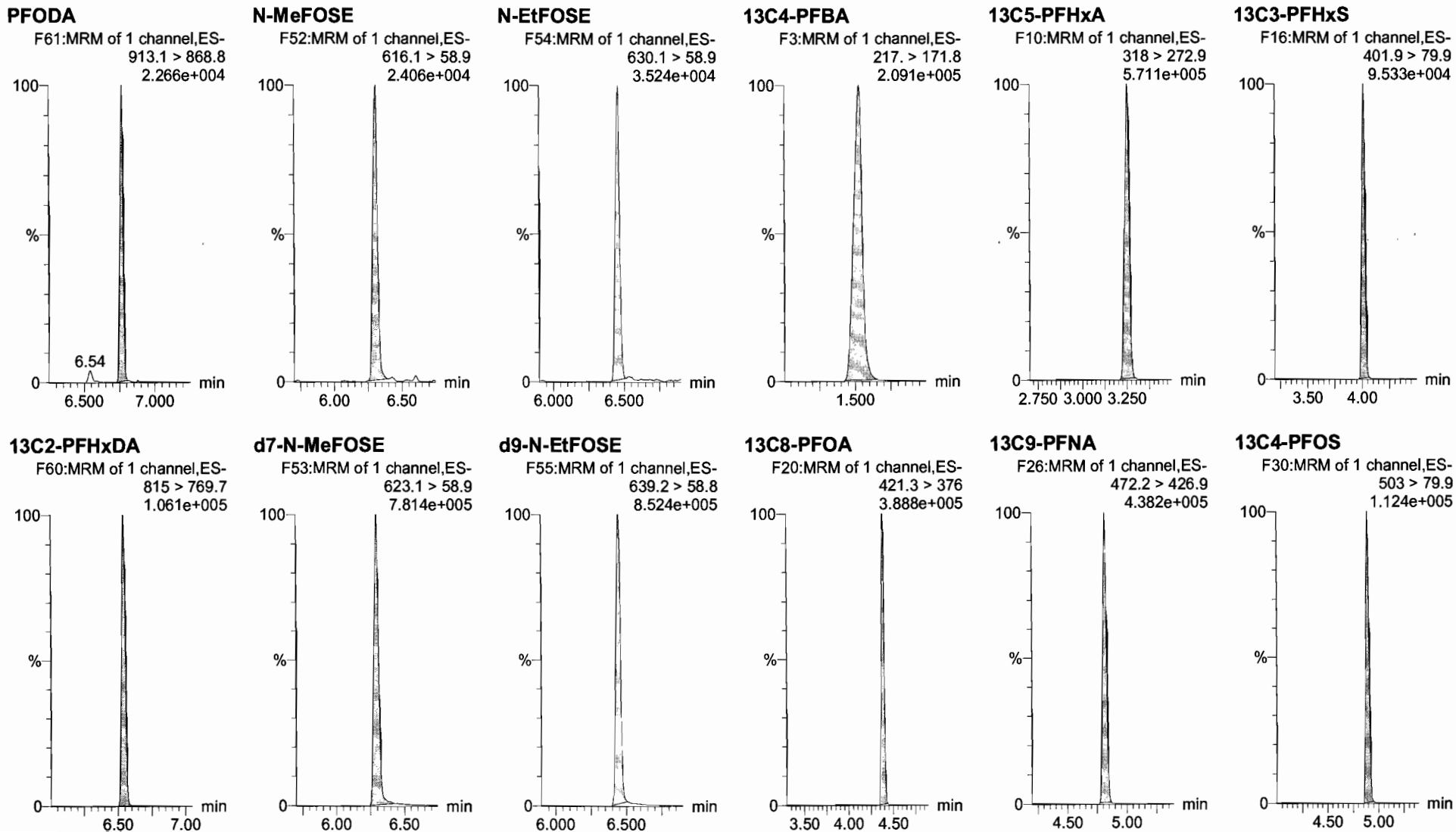


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Last Altered: Tuesday, January 16, 2018 09:37:18 Pacific Standard Time

Printed: Tuesday, January 16, 2018 09:39:21 Pacific Standard Time

Name: 180115M2_3, Date: 16-Jan-2018, Time: 00:37:02, ID: ST180115M2-3 PFC CS0 17L2608, Description: PFC CS0 17L2608



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

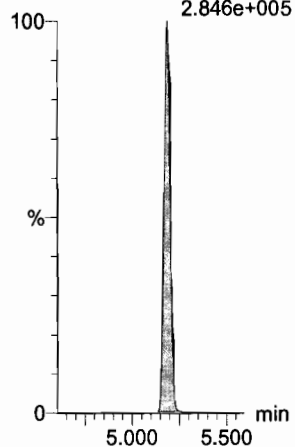
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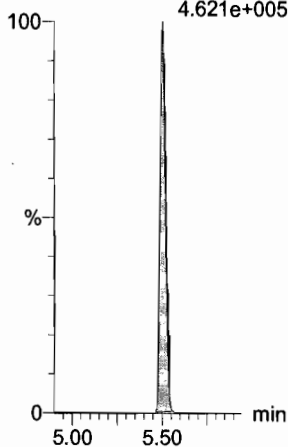
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
2.846e+005



13C7-PFUdA

F45:MRM of 1 channel,ES-
570.1 > 524.8
4.621e+005

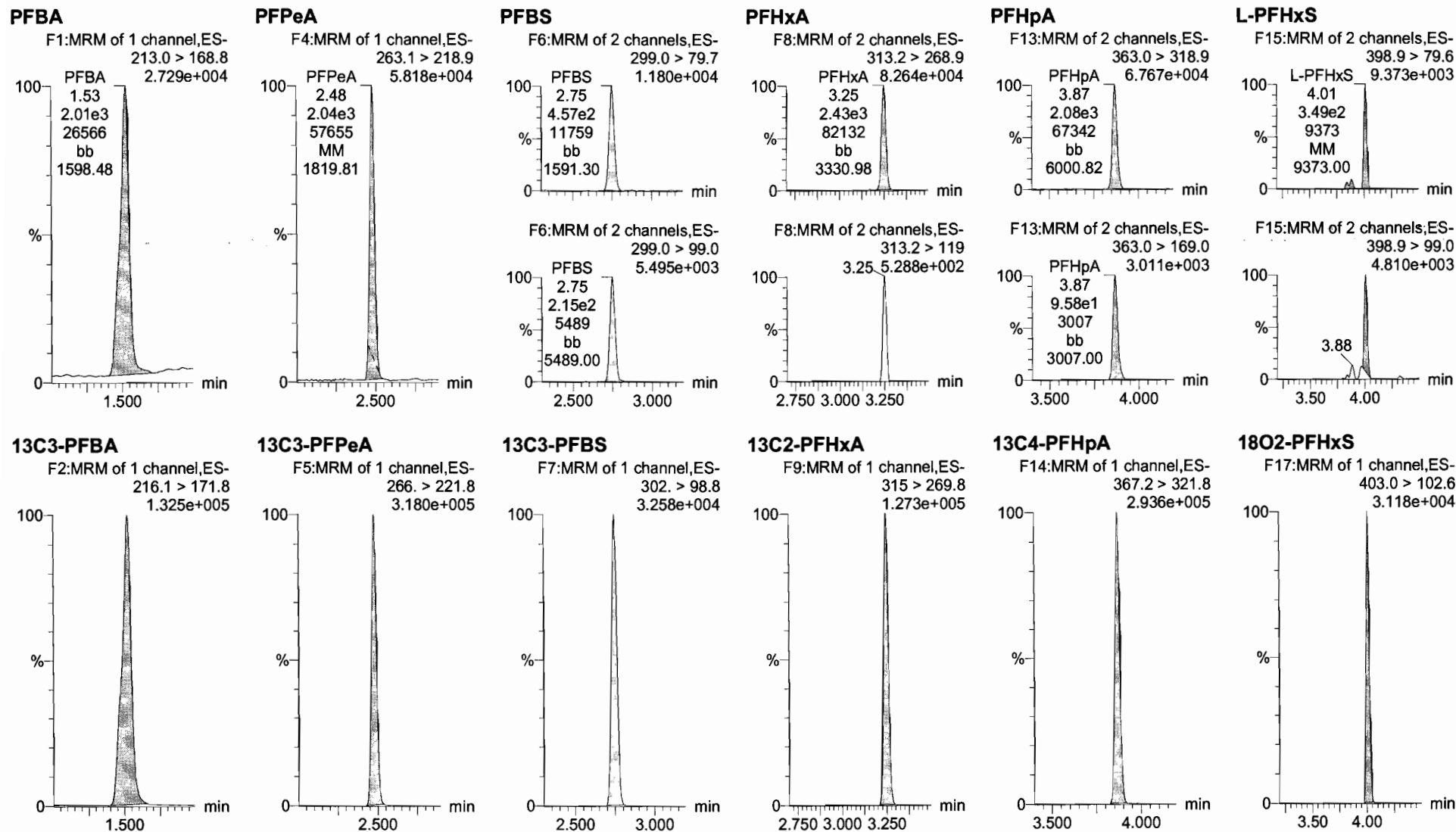


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Last Altered: Tuesday, January 16, 2018 09:37:18 Pacific Standard Time

Printed: Tuesday, January 16, 2018 09:39:21 Pacific Standard Time

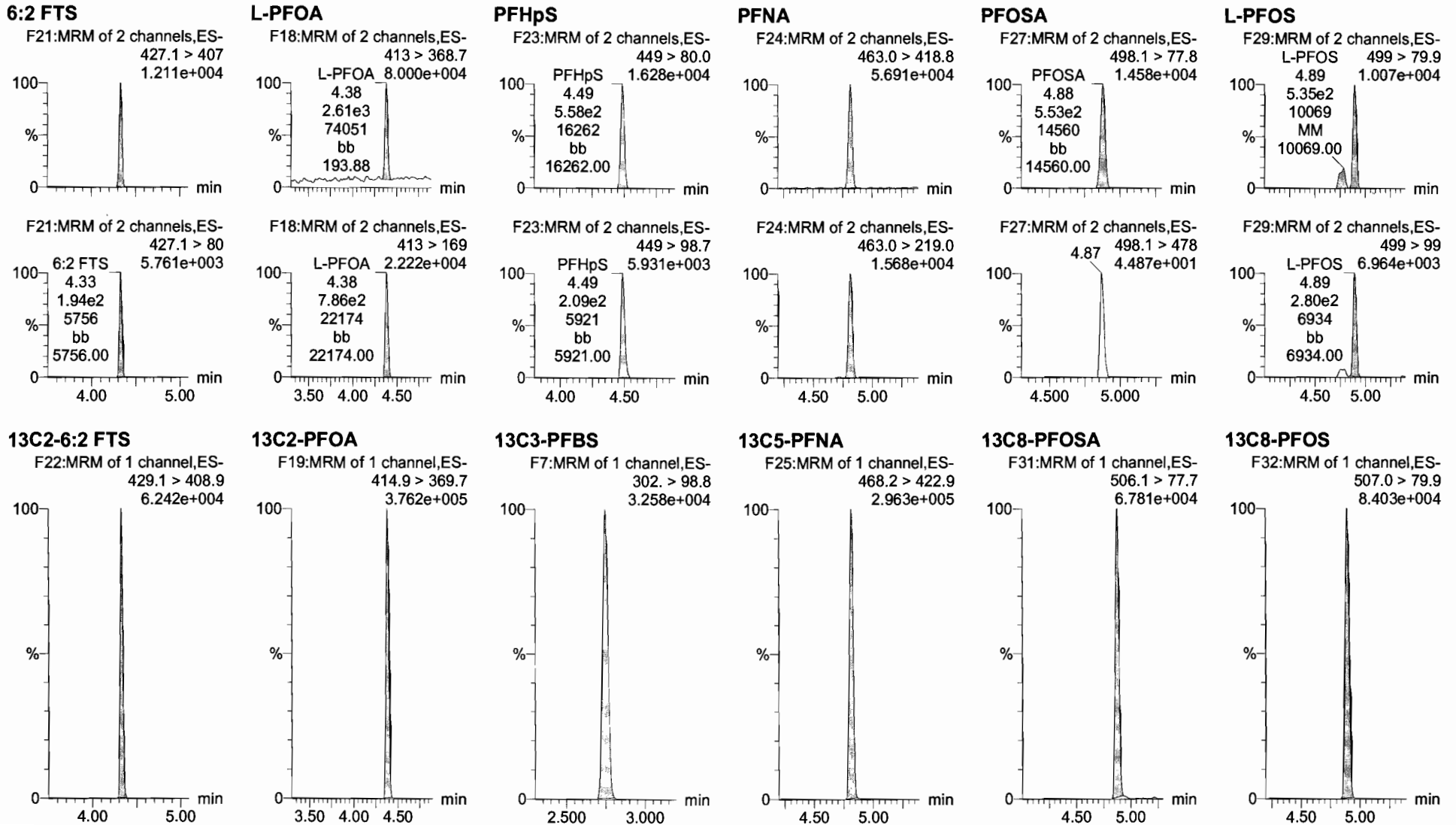
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Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

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Printed: Tuesday, January 16, 2018 09:39:21 Pacific Standard Time

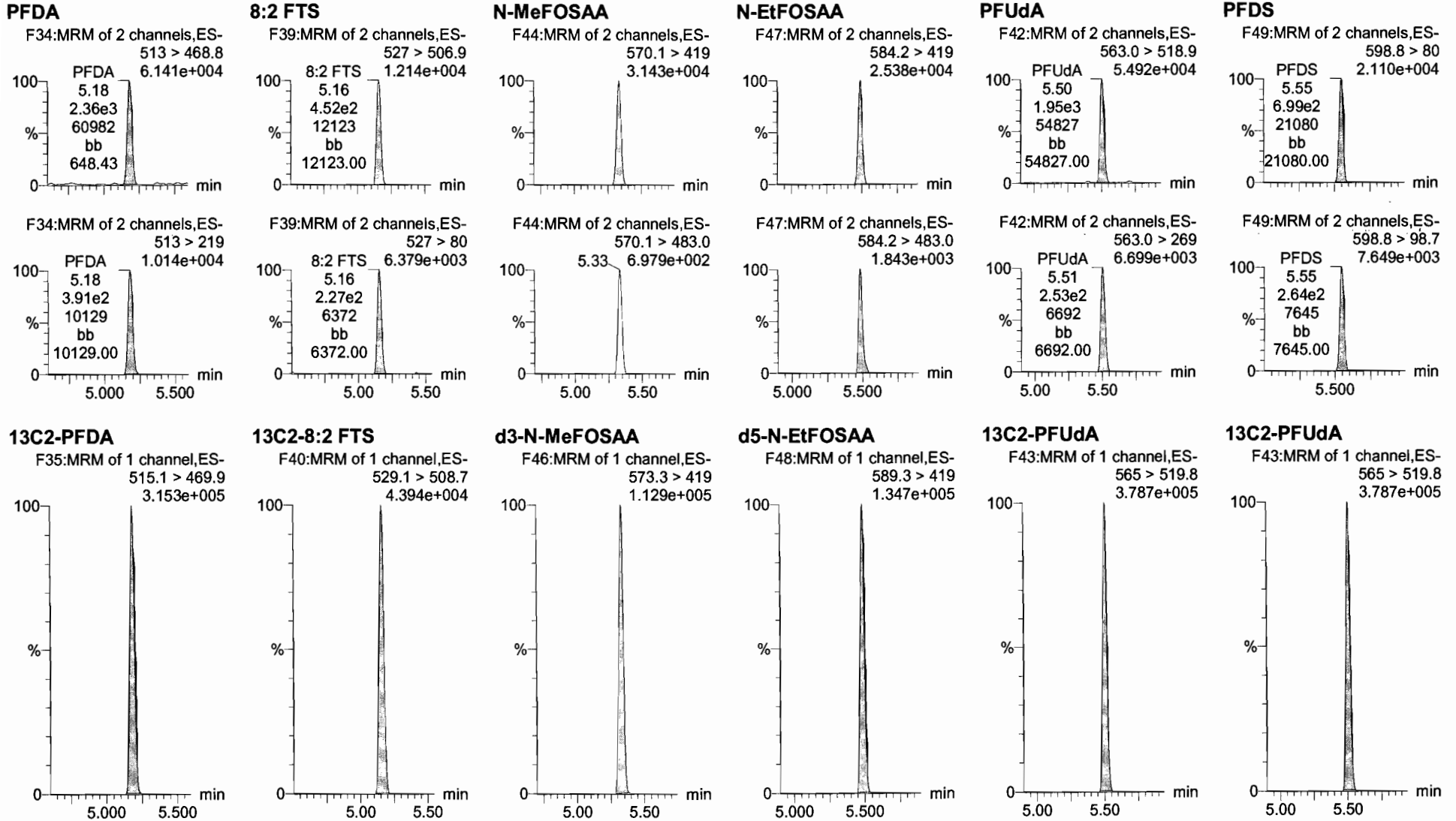
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Last Altered: Tuesday, January 16, 2018 09:37:18 Pacific Standard Time
Printed: Tuesday, January 16, 2018 09:39:21 Pacific Standard Time

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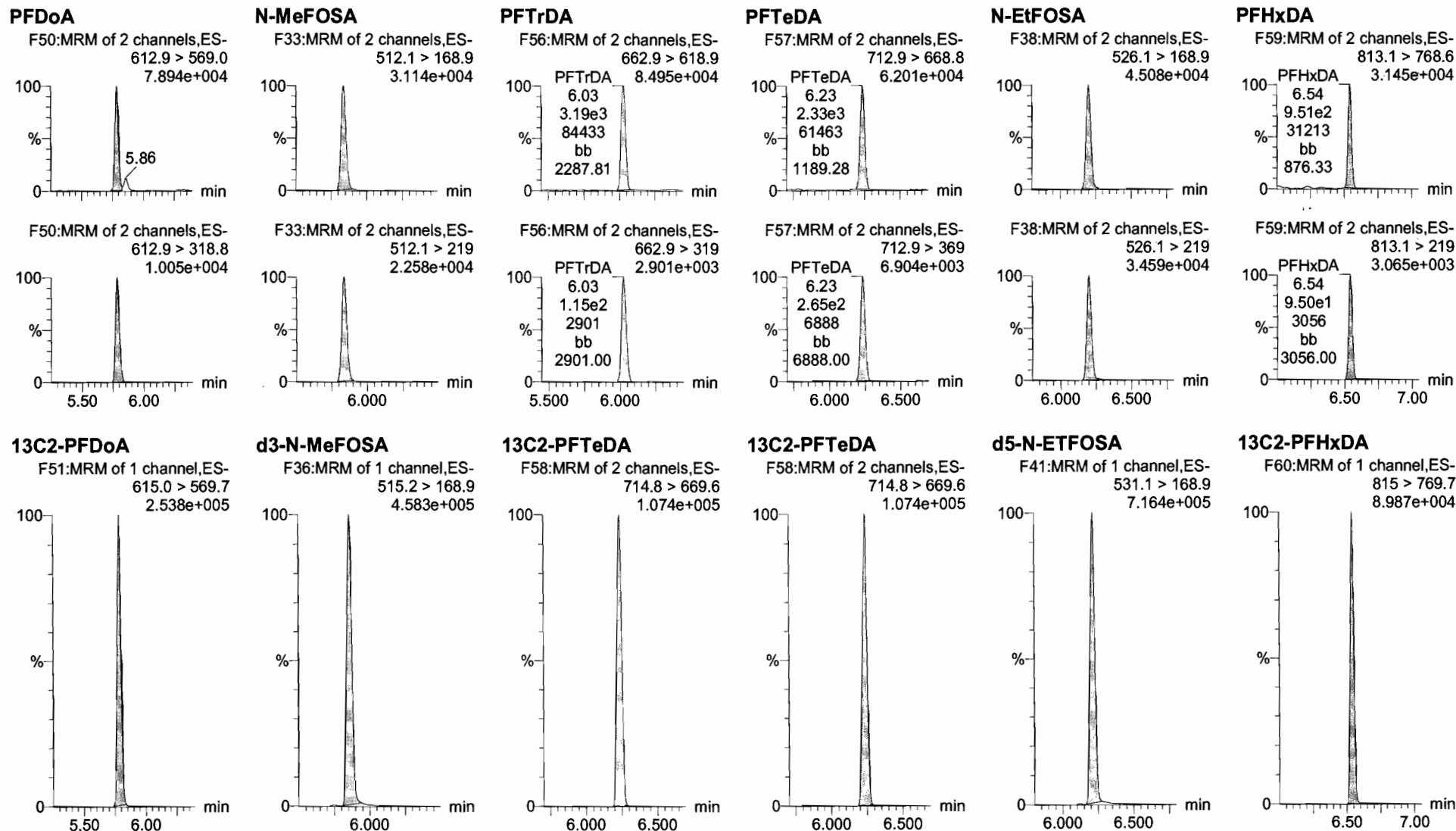


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Last Altered: Tuesday, January 16, 2018 09:37:18 Pacific Standard Time

Printed: Tuesday, January 16, 2018 09:39:21 Pacific Standard Time

Name: 180115M2_4, Date: 16-Jan-2018, Time: 00:48:46, ID: ST180115M2-4 PFC CS1 17L2609, Description: PFC CS1 17L2609



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

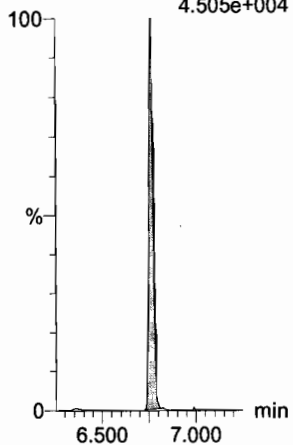
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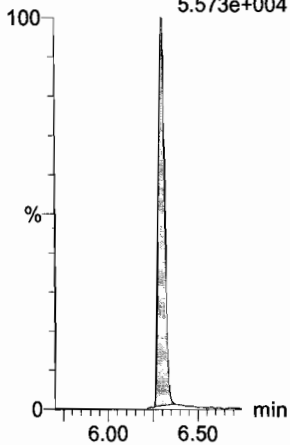
PFODA

F61:MRM of 1 channel,ES-
913.1 > 868.8
4.505e+004



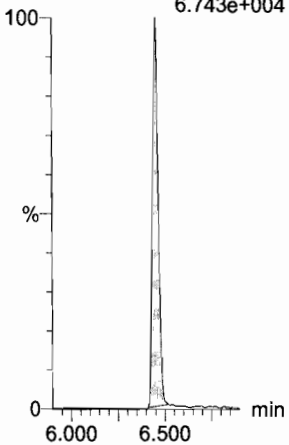
N-MeFOSE

F52:MRM of 1 channel,ES-
616.1 > 58.9
5.573e+004



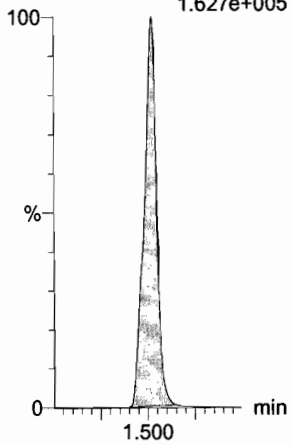
N-EtFOSE

F54:MRM of 1 channel,ES-
630.1 > 58.9
6.743e+004



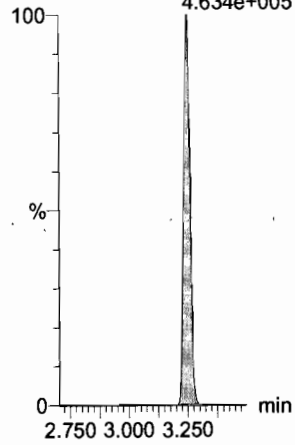
13C4-PFBA

F3:MRM of 1 channel,ES-
217. > 171.8
1.627e+005



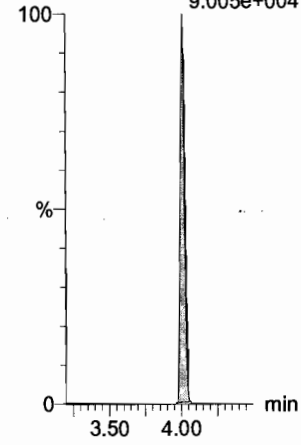
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
4.634e+005



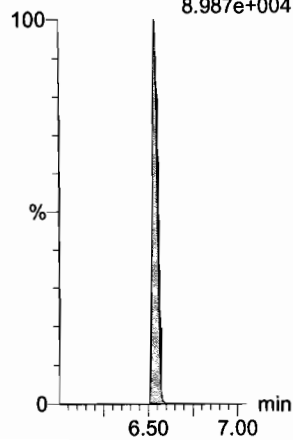
13C3-PFHxS

F16:MRM of 1 channel,ES-
401.9 > 79.9
9.005e+004



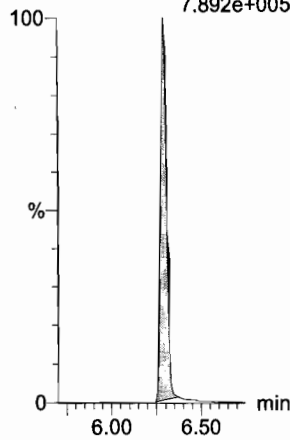
13C2-PFHxDa

F60:MRM of 1 channel,ES-
815 > 769.7
8.987e+004



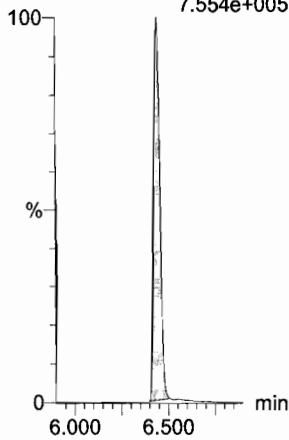
d7-N-MeFOSE

F53:MRM of 1 channel,ES-
623.1 > 58.9
7.892e+005



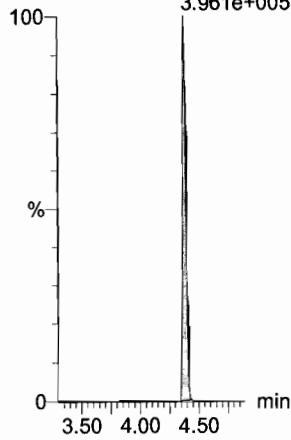
d9-N-EtFOSE

F55:MRM of 1 channel,ES-
639.2 > 58.8
7.554e+005



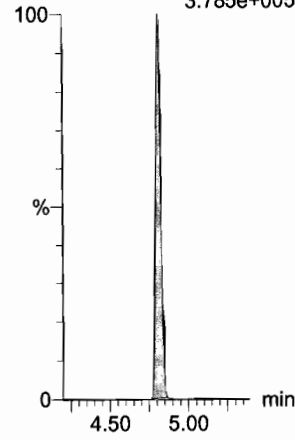
13C8-PFOA

F20:MRM of 1 channel,ES-
421.3 > 376
3.961e+005



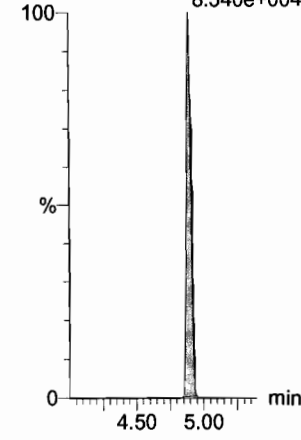
13C9-PFNA

F26:MRM of 1 channel,ES-
472.2 > 426.9
3.785e+005



13C4-PFOS

F30:MRM of 1 channel,ES-
503 > 79.9
8.540e+004



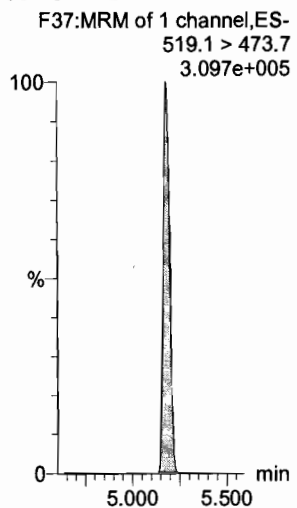
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Last Altered: Tuesday, January 16, 2018 09:37:18 Pacific Standard Time

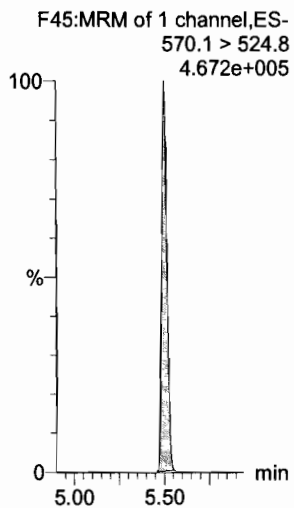
Printed: Tuesday, January 16, 2018 09:39:21 Pacific Standard Time

Name: 180115M2_4, Date: 16-Jan-2018, Time: 00:48:46, ID: ST180115M2-4 PFC CS1 17L2609, Description: PFC CS1 17L2609

13C6-PFDA



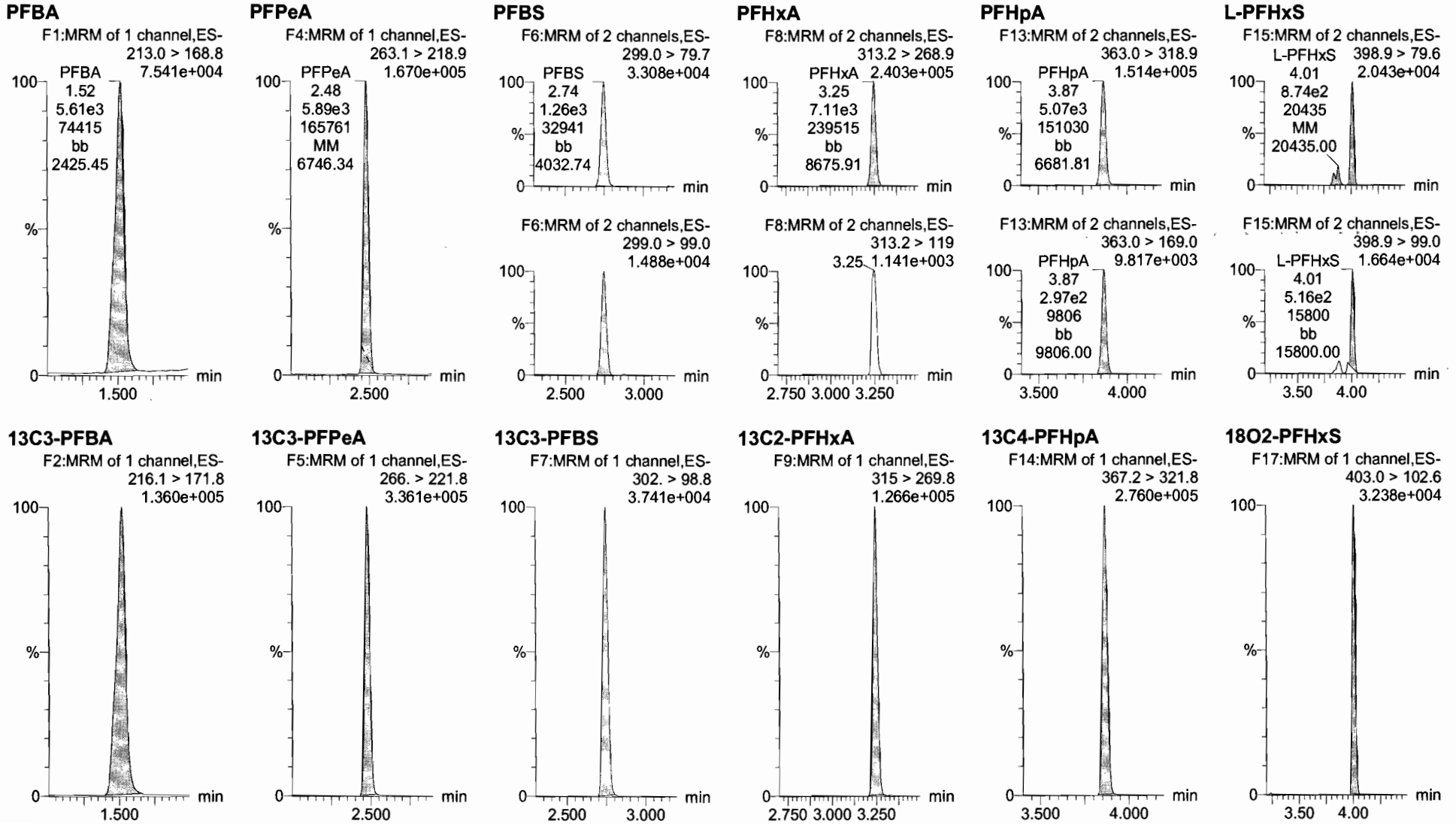
13C7-PFUdA



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

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Printed: Tuesday, January 16, 2018 09:39:21 Pacific Standard Time

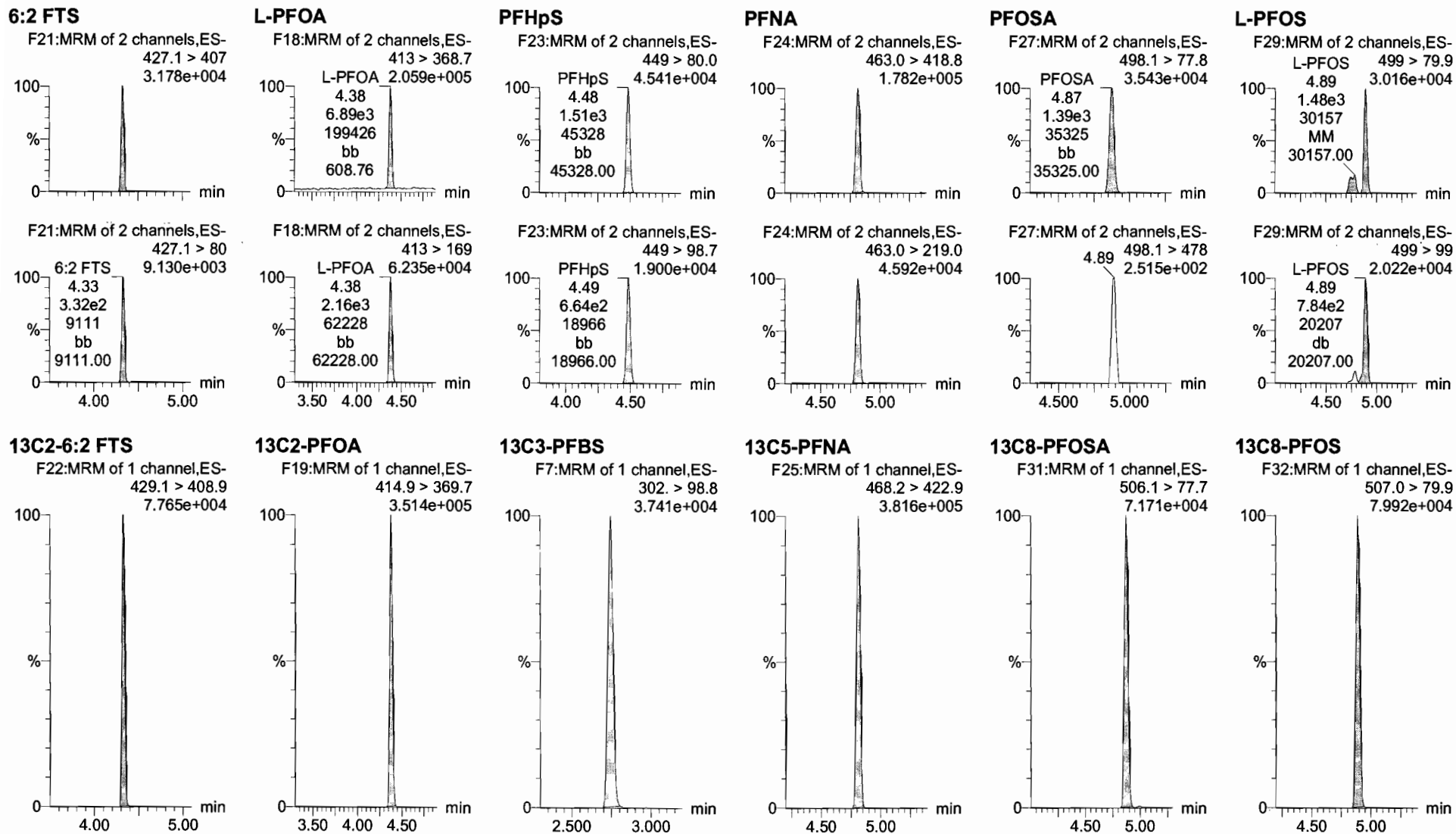
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Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

Last Altered: Tuesday, January 16, 2018 09:37:18 Pacific Standard Time
Printed: Tuesday, January 16, 2018 09:39:21 Pacific Standard Time

Name: 180115M2_5, Date: 16-Jan-2018, Time: 01:00:17, ID: ST180115M2-5 PFC CS2 17L2610, Description: PFC CS2 17L2610

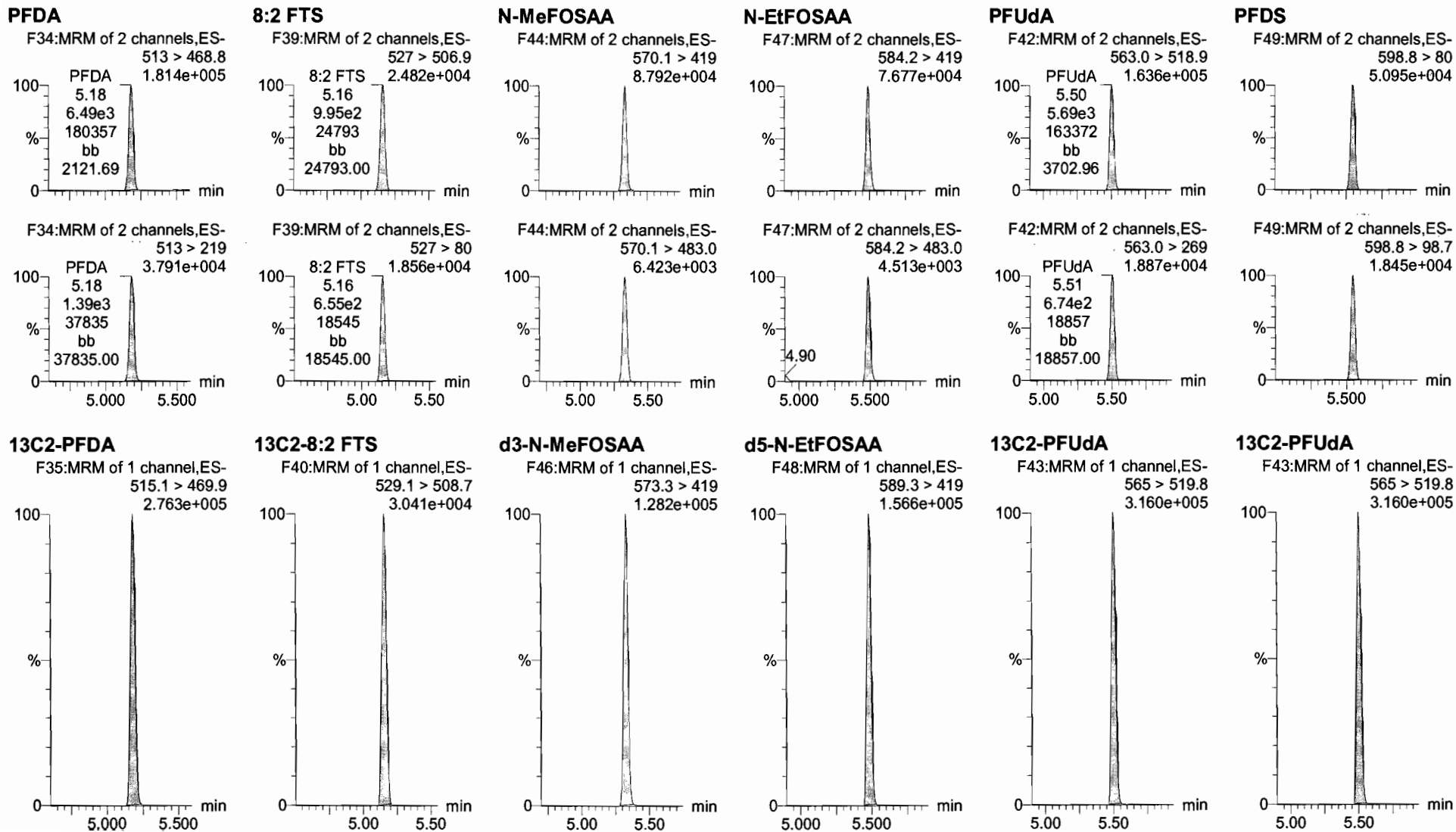


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Last Altered: Tuesday, January 16, 2018 09:37:18 Pacific Standard Time

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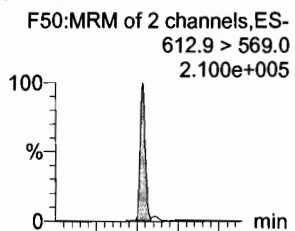
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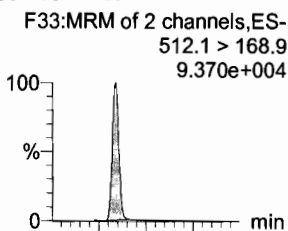
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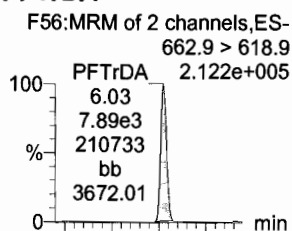
PFDoA



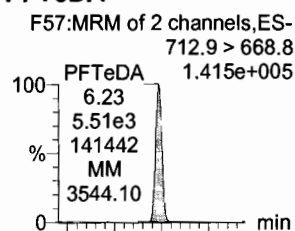
N-MeFOSA



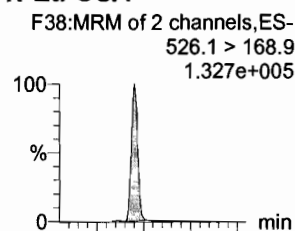
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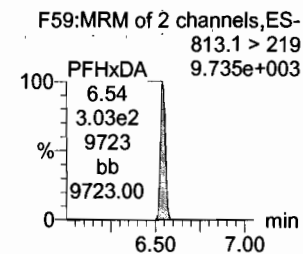
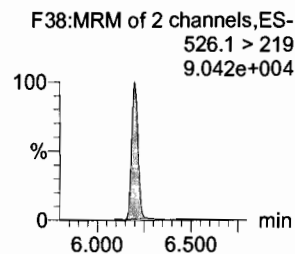
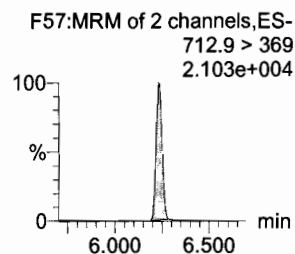
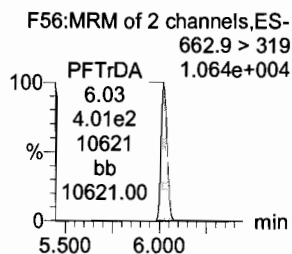
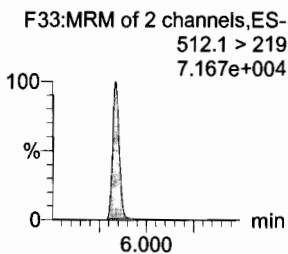
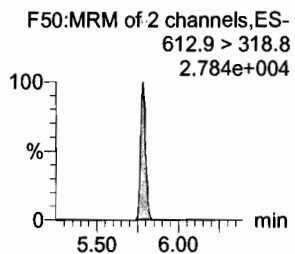
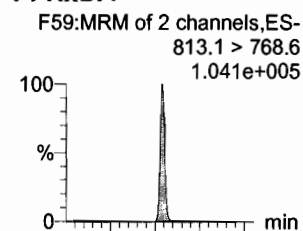
PFTeDA



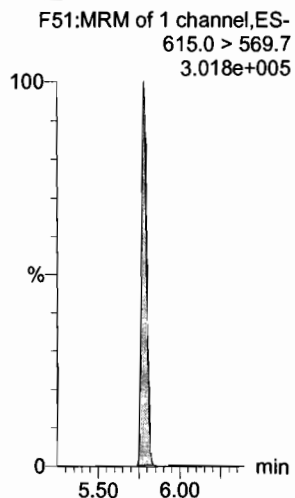
N-EtFOSA



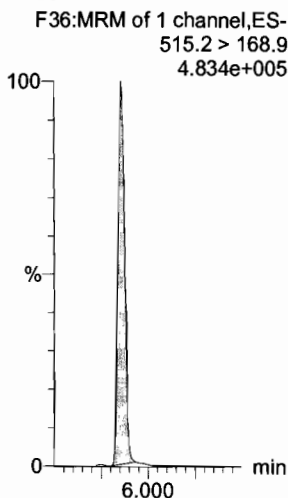
PFHxDA



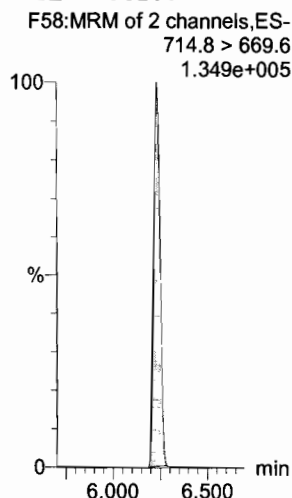
13C2-PFDoA



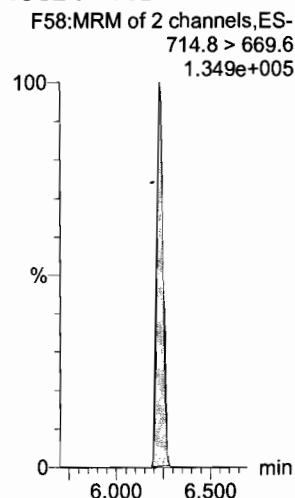
d3-N-MeFOSA



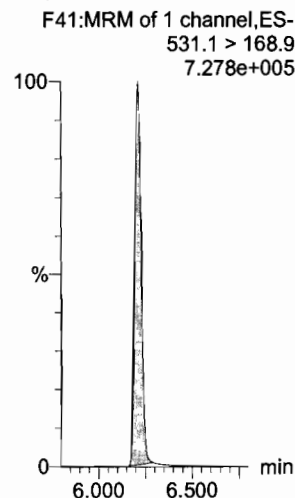
13C2-PFTeDA



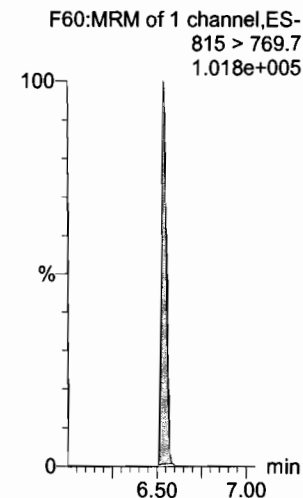
13C2-PFTeDA



d5-N-ETFOSA



13C2-PFHxDA

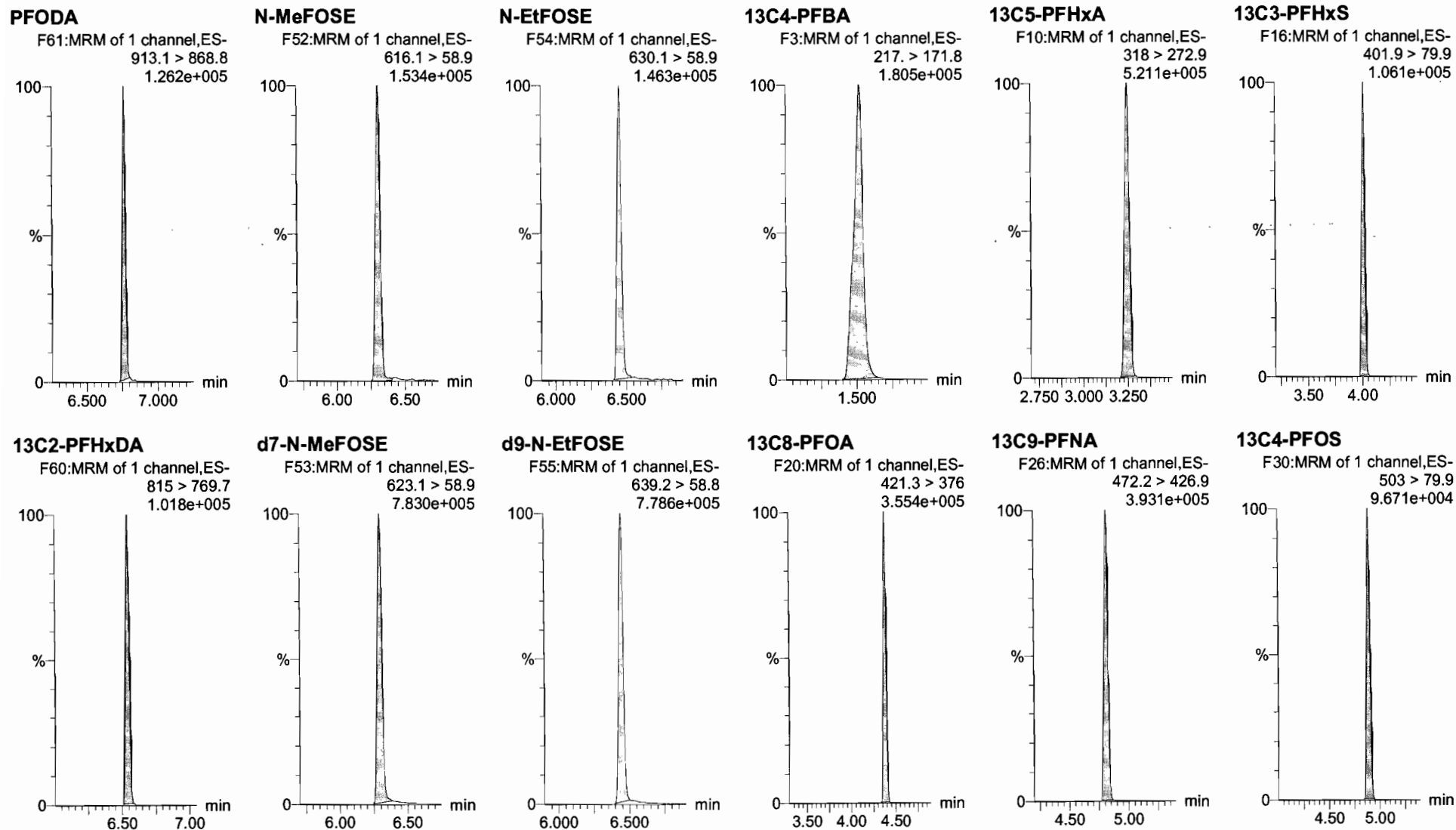


Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

Last Altered: Tuesday, January 16, 2018 09:37:18 Pacific Standard Time

Printed: Tuesday, January 16, 2018 09:39:21 Pacific Standard Time

Name: 180115M2_5, Date: 16-Jan-2018, Time: 01:00:17, ID: ST180115M2-5 PFC CS2 17L2610, Description: PFC CS2 17L2610



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

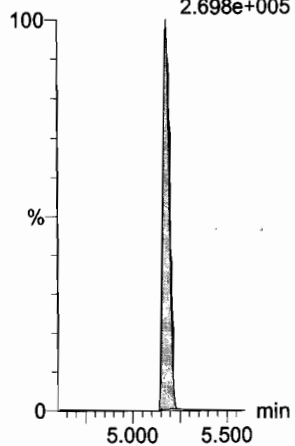
Last Altered: Tuesday, January 16, 2018 09:37:18 Pacific Standard Time

Printed: Tuesday, January 16, 2018 09:39:21 Pacific Standard Time

Name: 180115M2_5, Date: 16-Jan-2018, Time: 01:00:17, ID: ST180115M2-5 PFC CS2 17L2610, Description: PFC CS2 17L2610

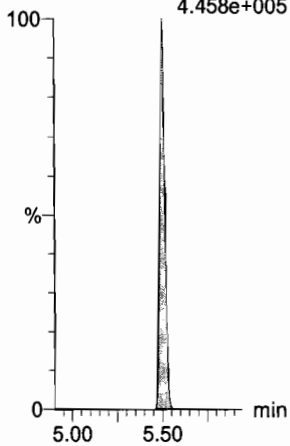
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
2.698e+005



13C7-PFUdA

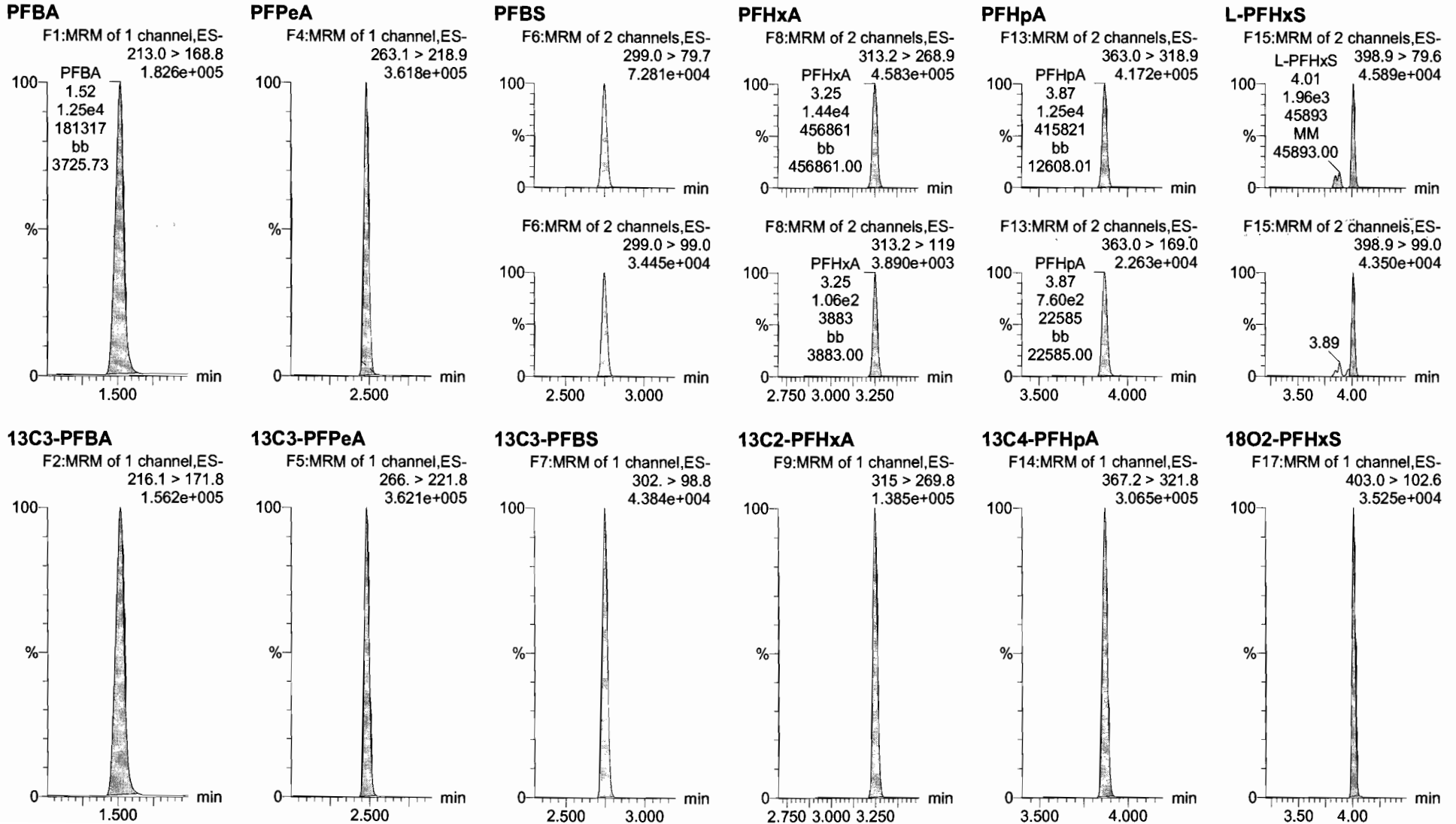
F45:MRM of 1 channel,ES-
570.1 > 524.8
4.458e+005



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

Last Altered: Tuesday, January 16, 2018 09:37:18 Pacific Standard Time
Printed: Tuesday, January 16, 2018 09:39:21 Pacific Standard Time

Name: 180115M2_6, Date: 16-Jan-2018, Time: 01:11:44, ID: ST180115M2-6 PFC CS3 17L2611, Description: PFC CS3 17L2611

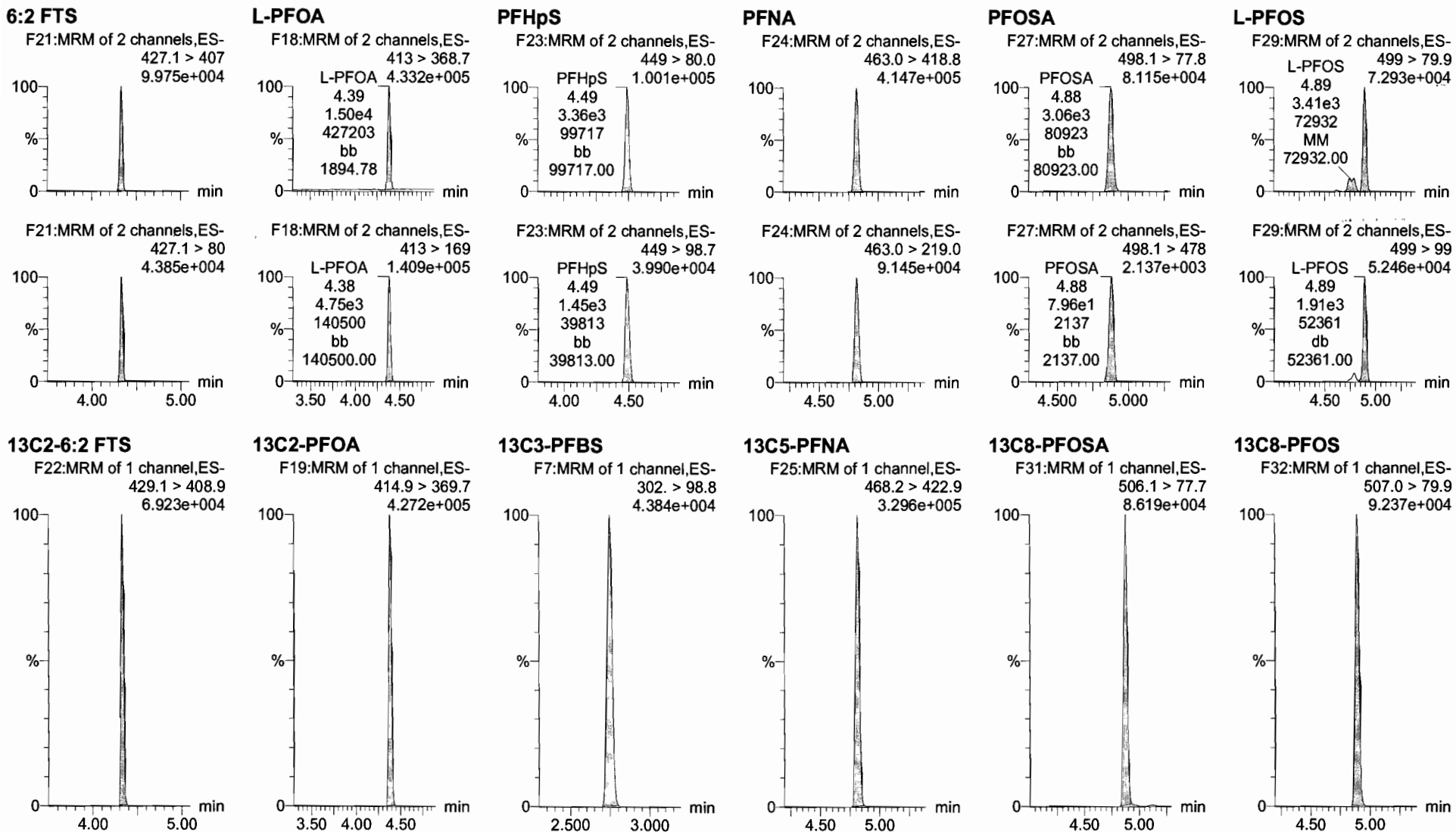


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Last Altered: Tuesday, January 16, 2018 09:37:18 Pacific Standard Time

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Name: 180115M2_6, Date: 16-Jan-2018, Time: 01:11:44, ID: ST180115M2-6 PFC CS3 17L2611, Description: PFC CS3 17L2611

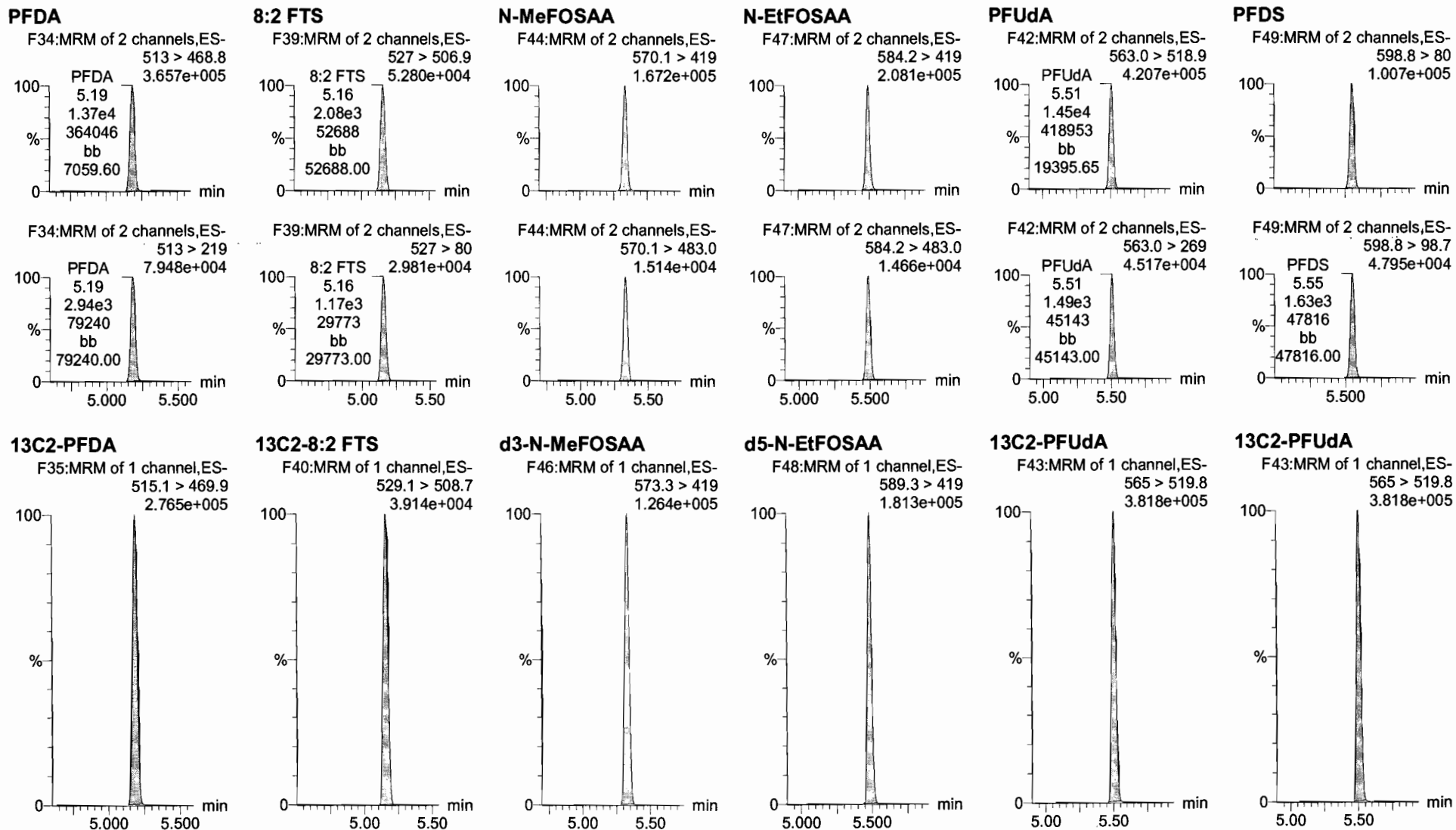


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Last Altered: Tuesday, January 16, 2018 09:37:18 Pacific Standard Time

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Name: 180115M2_6, Date: 16-Jan-2018, Time: 01:11:44, ID: ST180115M2-6 PFC CS3 17L2611, Description: PFC CS3 17L2611



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

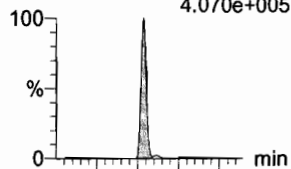
Last Altered: Tuesday, January 16, 2018 09:37:18 Pacific Standard Time

Printed: Tuesday, January 16, 2018 09:39:21 Pacific Standard Time

Name: 180115M2_6, Date: 16-Jan-2018, Time: 01:11:44, ID: ST180115M2-6 PFC CS3 17L2611, Description: PFC CS3 17L2611

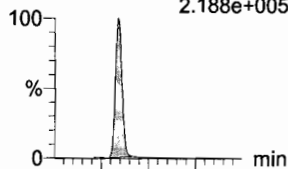
PFDoA

F50:MRM of 2 channels,ES-
612.9 > 569.0
4.070e+005



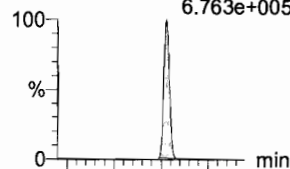
N-MeFOSA

F33:MRM of 2 channels,ES-
512.1 > 168.9
2.188e+005



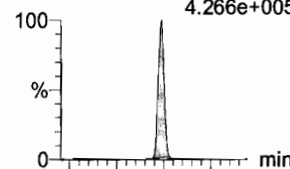
PFTrDA

F56:MRM of 2 channels,ES-
662.9 > 618.9
6.763e+005



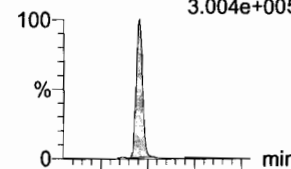
PFTeDA

F57:MRM of 2 channels,ES-
712.9 > 668.8
4.266e+005



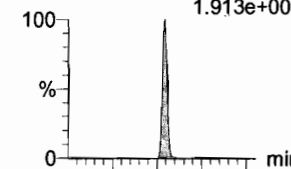
N-EtFOSA

F38:MRM of 2 channels,ES-
526.1 > 168.9
3.004e+005

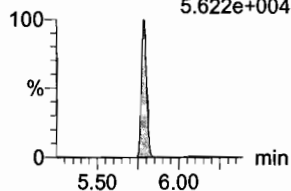


PFHxDA

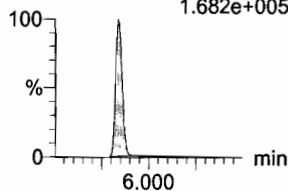
F59:MRM of 2 channels,ES-
813.1 > 768.6
1.913e+005



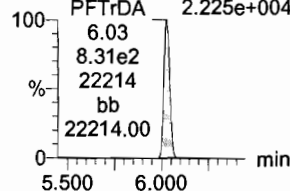
F50:MRM of 2 channels,ES-
612.9 > 318.8
5.622e+004



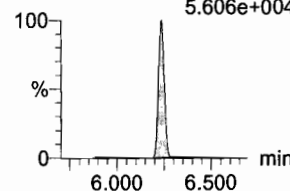
F33:MRM of 2 channels,ES-
512.1 > 219
1.682e+005



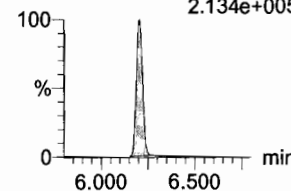
F56:MRM of 2 channels,ES-
662.9 > 319
2.225e+004



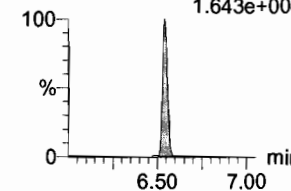
F57:MRM of 2 channels,ES-
712.9 > 369
5.606e+004



F38:MRM of 2 channels,ES-
526.1 > 219
2.134e+005

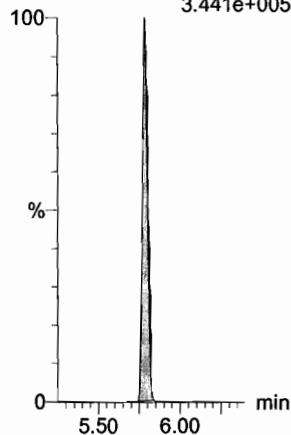


F59:MRM of 2 channels,ES-
813.1 > 219
1.643e+004



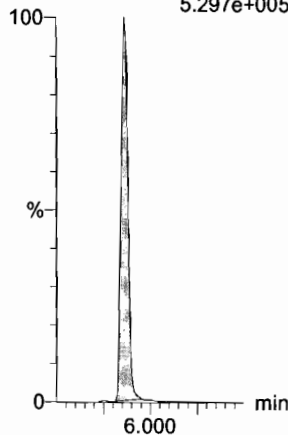
13C2-PFDoA

F51:MRM of 1 channel,ES-
615.0 > 569.7
3.441e+005



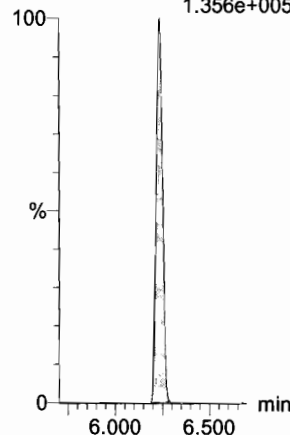
d3-N-MeFOSA

F36:MRM of 1 channel,ES-
515.2 > 168.9
5.297e+005



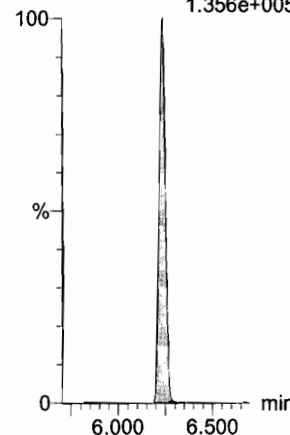
13C2-PFTeDA

F58:MRM of 2 channels,ES-
714.8 > 669.6
1.356e+005



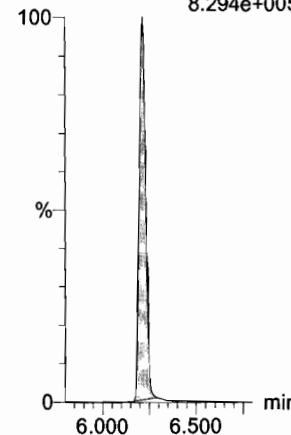
13C2-PFTeDA

F58:MRM of 2 channels,ES-
714.8 > 669.6
1.356e+005



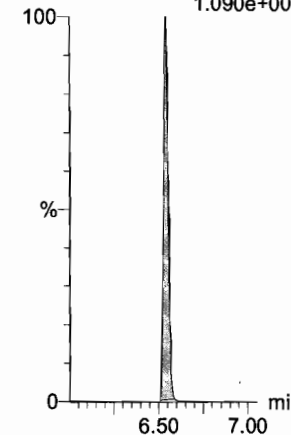
d5-N-ETFOSA

F41:MRM of 1 channel,ES-
531.1 > 168.9
8.294e+005



13C2-PFHxDA

F60:MRM of 1 channel,ES-
815 > 769.7
1.090e+005



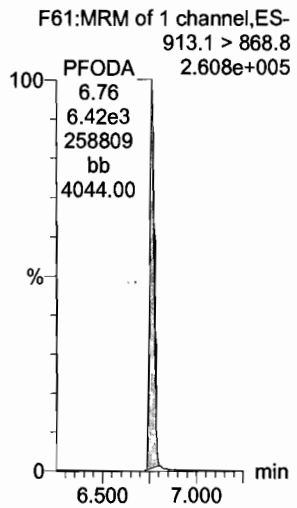
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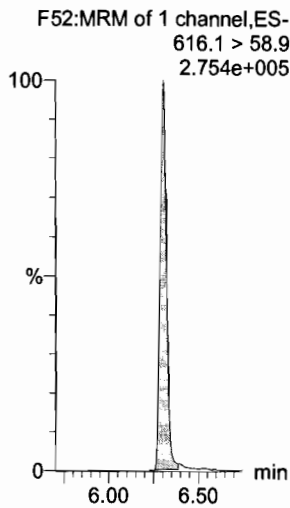
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Name: 180115M2_6, Date: 16-Jan-2018, Time: 01:11:44, ID: ST180115M2-6 PFC CS3 17L2611, Description: PFC CS3 17L2611

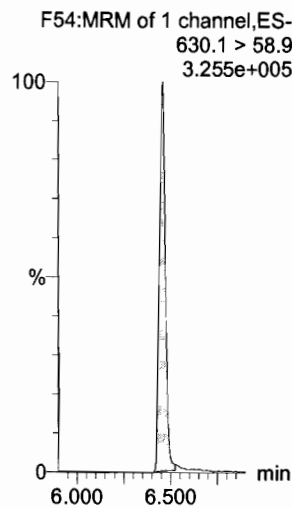
PFODA



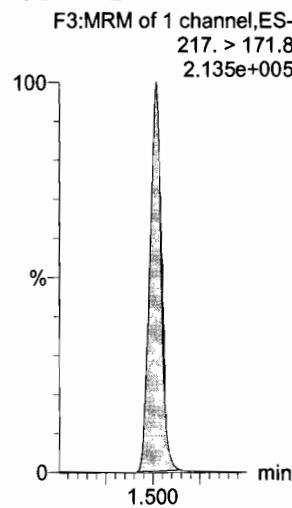
N-MeFOSE



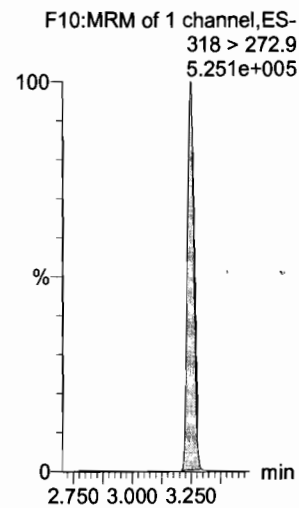
N-EtFOSE



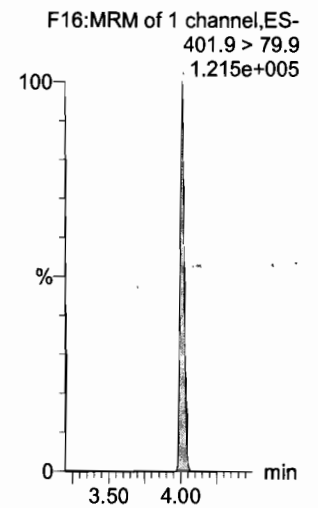
13C4-PFBA



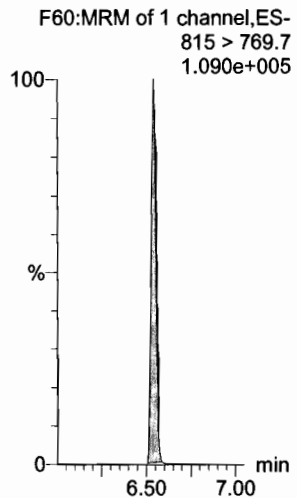
13C5-PFHxA



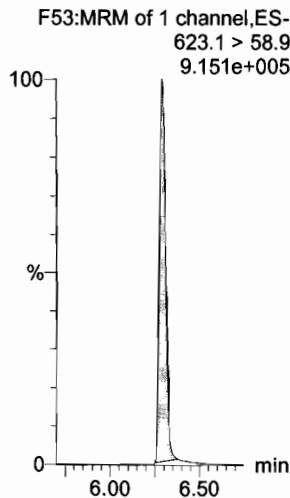
13C3-PFHxS



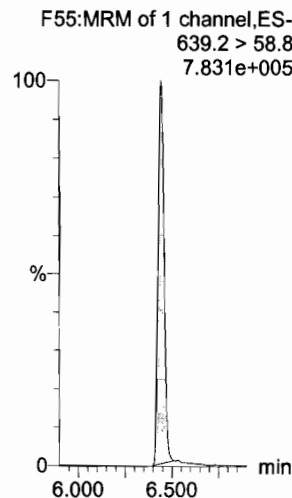
13C2-PFHxD



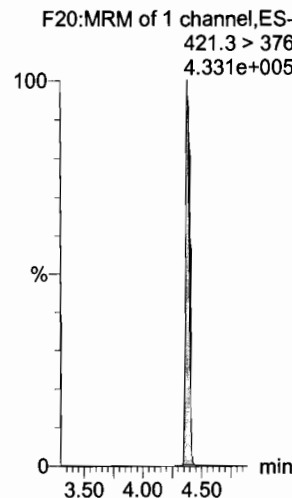
d7-N-MeFOSE



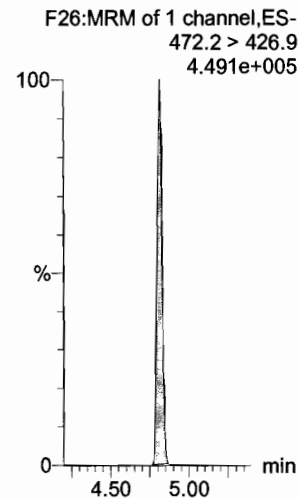
d9-N-EtFOSE



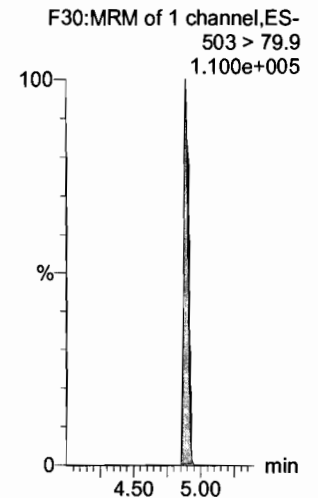
13C8-PFOA



13C9-PFNA



13C4-PFOS



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

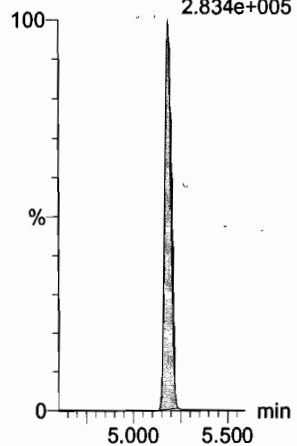
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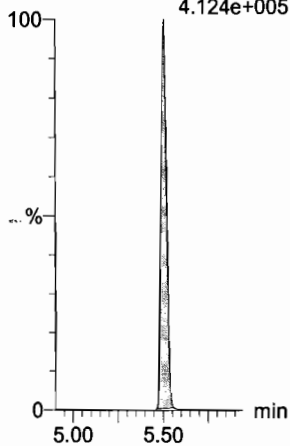
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
2.834e+005



13C7-PFUdA

F45:MRM of 1 channel,ES-
570.1 > 524.8
4.124e+005

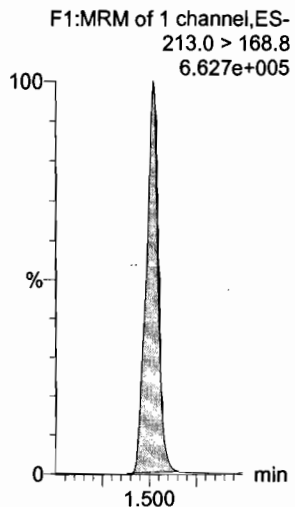


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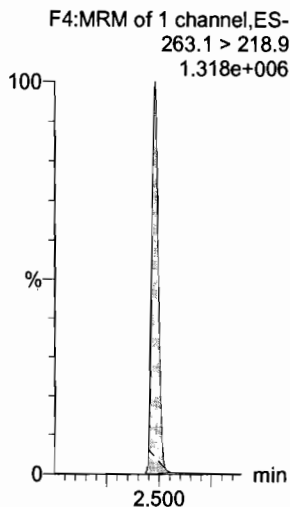
Last Altered: Tuesday, January 16, 2018 09:37:18 Pacific Standard Time
Printed: Tuesday, January 16, 2018 09:39:21 Pacific Standard Time

Name: 180115M2_7, Date: 16-Jan-2018, Time: 01:23:11, ID: ST180115M2-7 PFC CS4 17L1208, Description: PFC CS4 17L1208

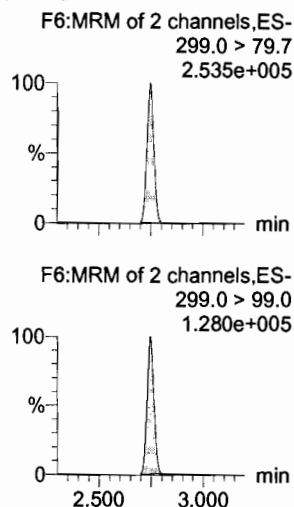
PFBA



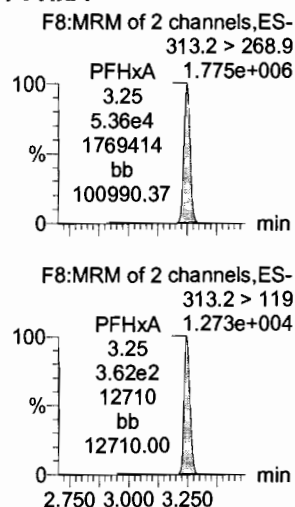
PFPeA



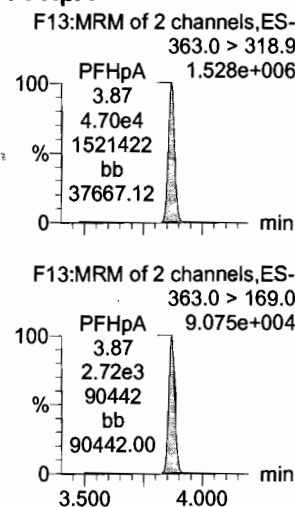
PFBS



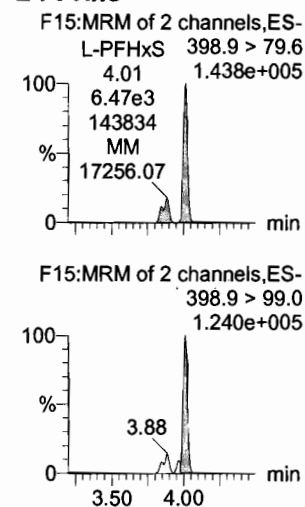
PFHxA



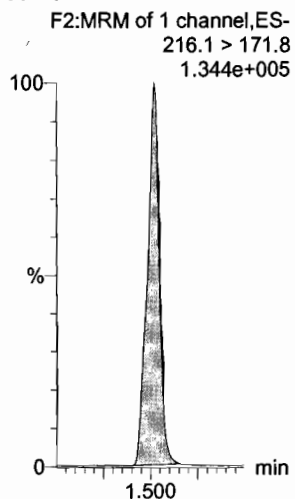
PFHpA



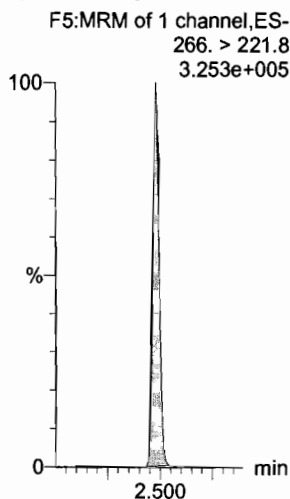
L-PFHxS



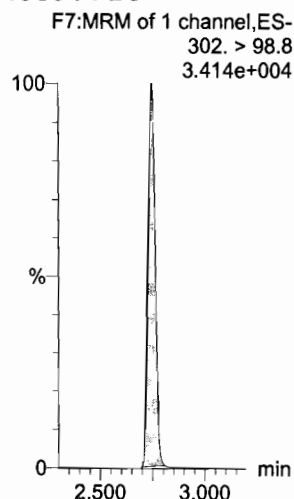
13C3-PFBA



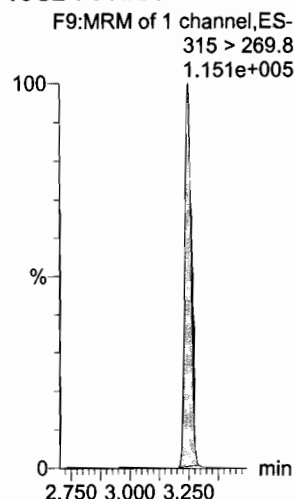
13C3-PFPeA



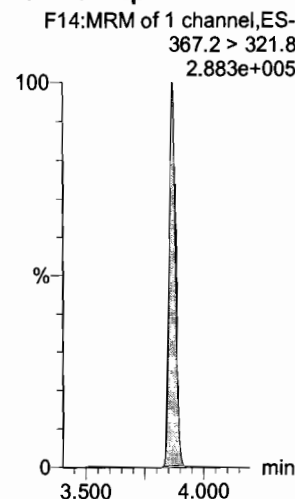
13C3-PFBS



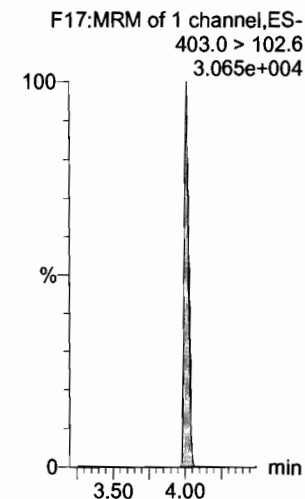
13C2-PFHxA



13C4-PFHpA



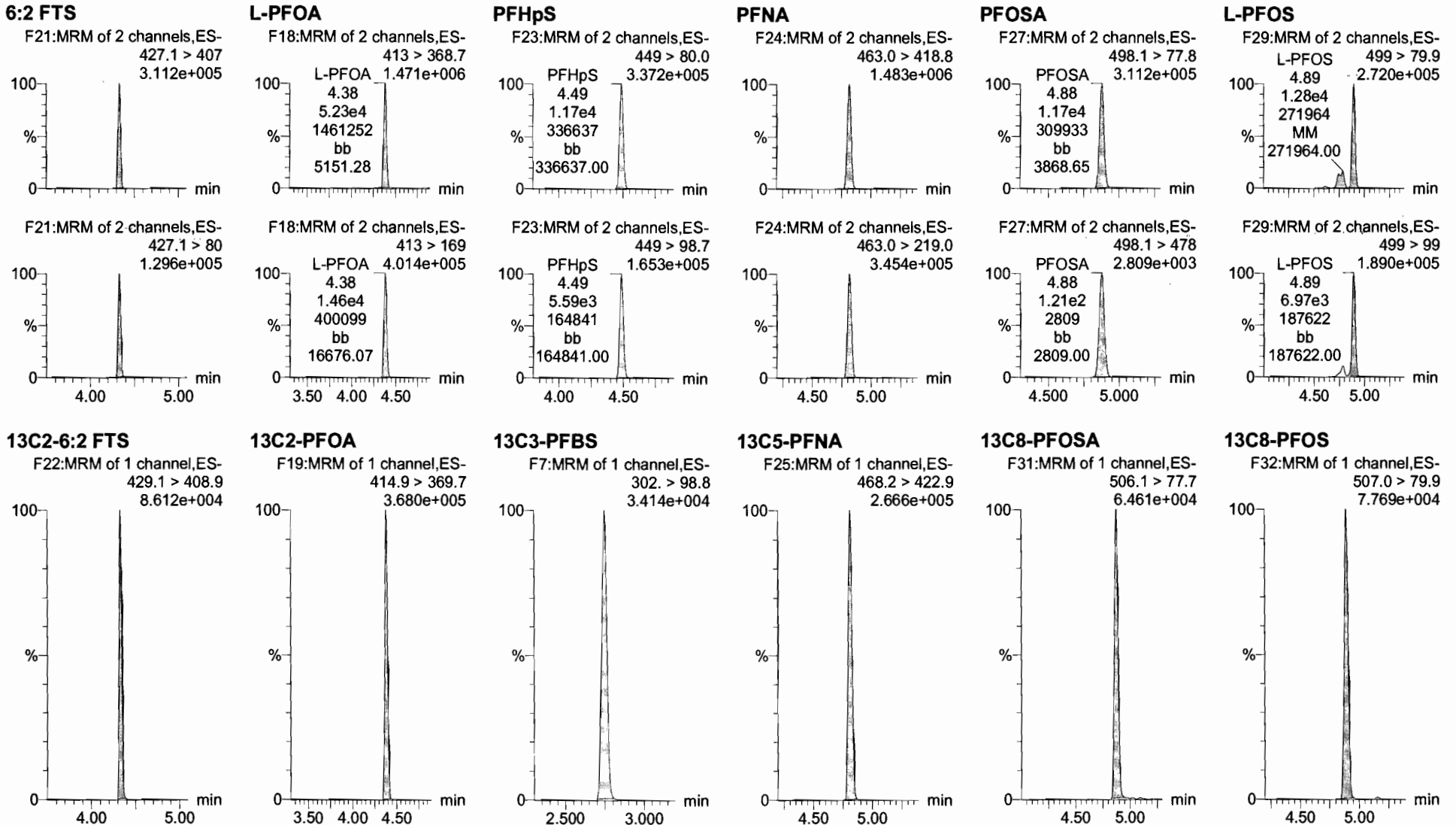
18O2-PFHxS



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

Last Altered: Tuesday, January 16, 2018 09:37:18 Pacific Standard Time
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Name: 180115M2_7, Date: 16-Jan-2018, Time: 01:23:11, ID: ST180115M2-7 PFC CS4 17L1208, Description: PFC CS4 17L1208



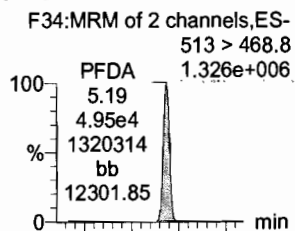
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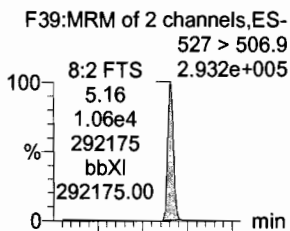
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Name: 180115M2_7, Date: 16-Jan-2018, Time: 01:23:11, ID: ST180115M2-7 PFC CS4 17L1208, Description: PFC CS4 17L1208

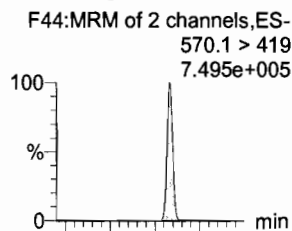
PFDA



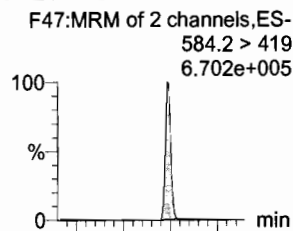
8:2 FTS



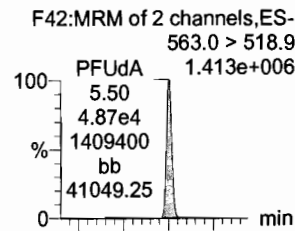
N-MeFOSAA



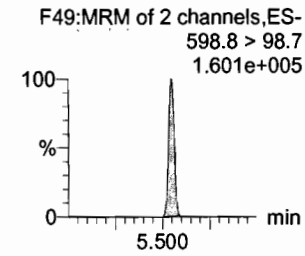
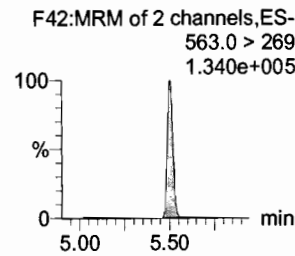
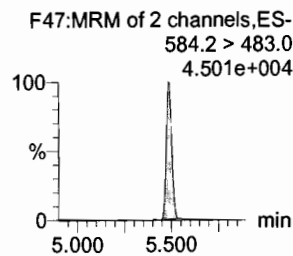
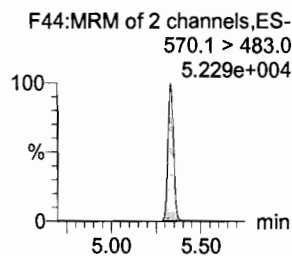
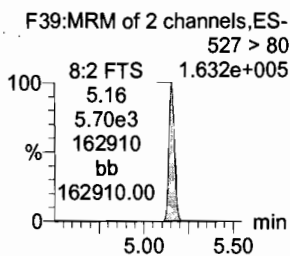
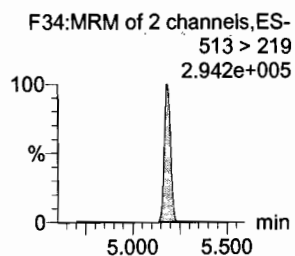
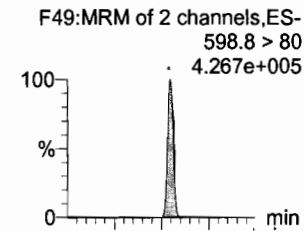
N-EtFOSAA



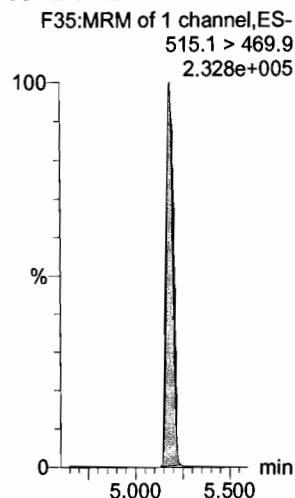
PFUdA



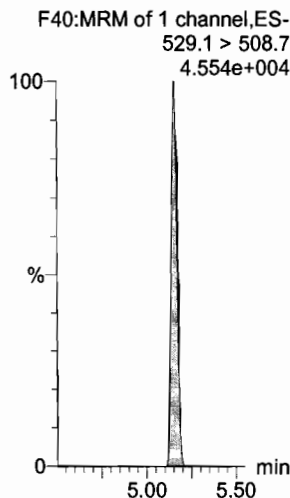
PFDS



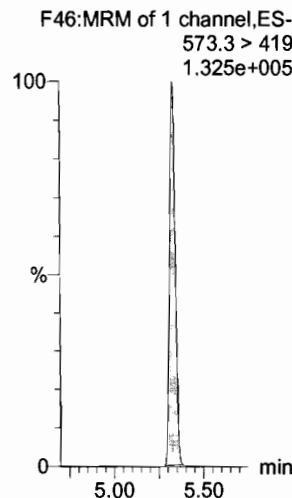
13C2-PFDA



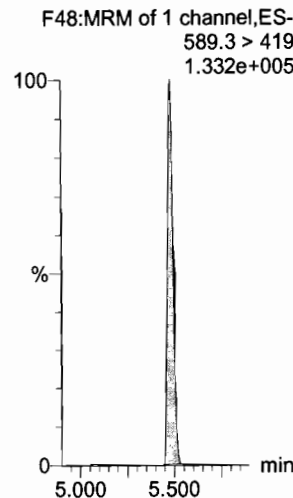
13C2-8:2 FTS



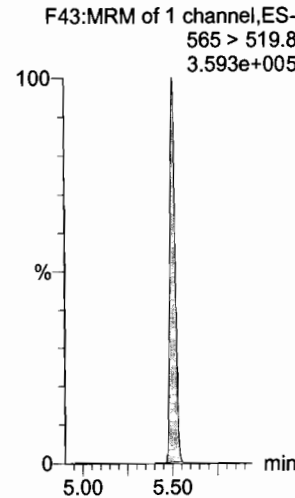
d3-N-MeFOSAA



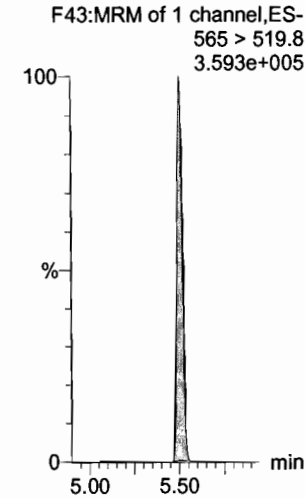
d5-N-EtFOSAA



13C2-PFUdA



13C2-PFUdA



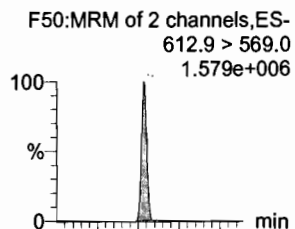
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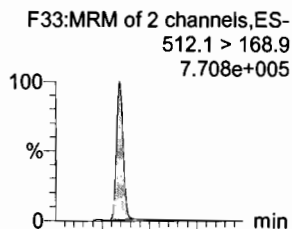
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Name: 180115M2_7, Date: 16-Jan-2018, Time: 01:23:11, ID: ST180115M2-7 PFC CS4 17L1208, Description: PFC CS4 17L1208

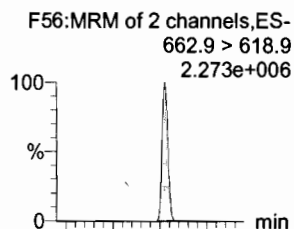
PFDoA



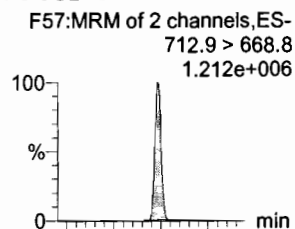
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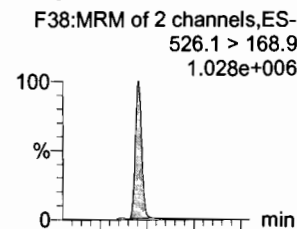
PFTrDA



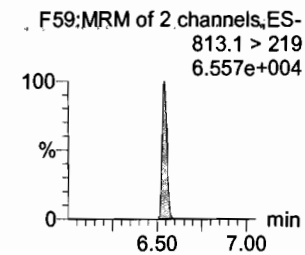
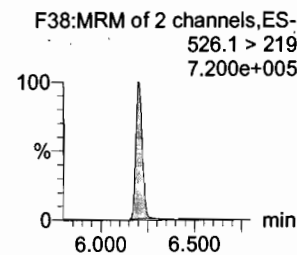
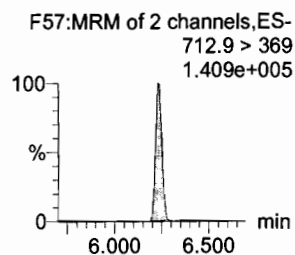
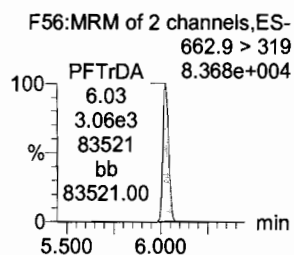
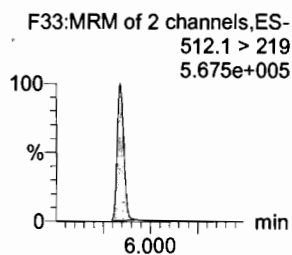
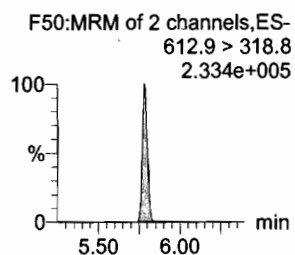
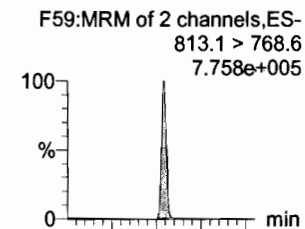
PFTeDA



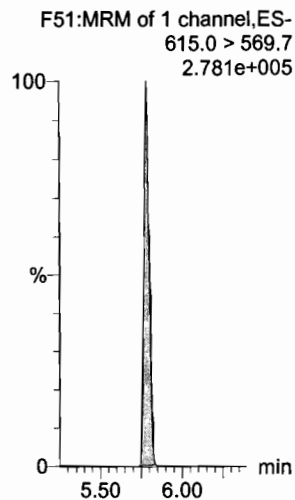
N-EtFOSA



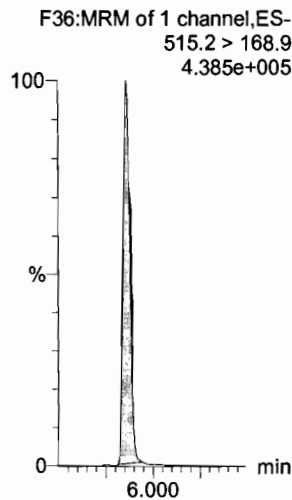
PFHxDA



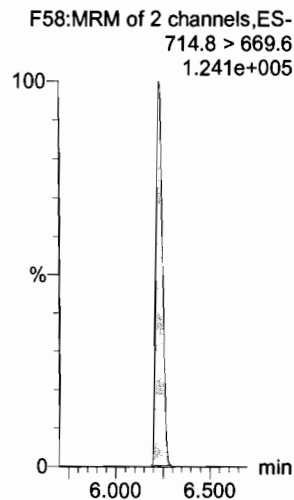
13C2-PFDoA



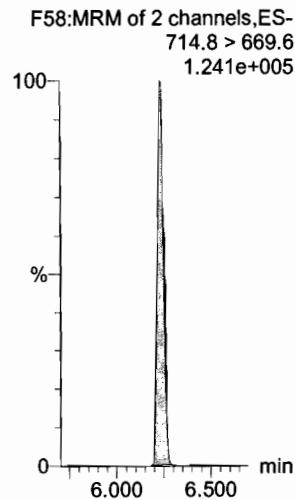
d3-N-MeFOSA



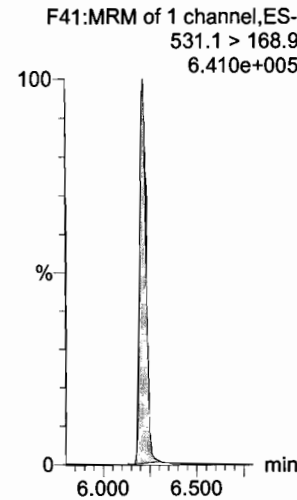
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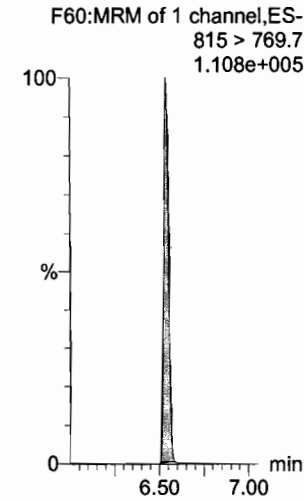
13C2-PFTeDA



d5-N-ETFOSA



13C2-PFHxDA



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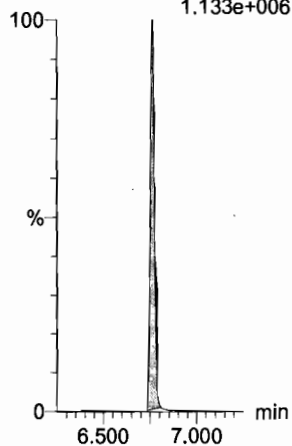
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Printed: Tuesday, January 16, 2018 09:39:21 Pacific Standard Time

Name: 180115M2_7, Date: 16-Jan-2018, Time: 01:23:11, ID: ST180115M2-7 PFC CS4 17L1208, Description: PFC CS4 17L1208

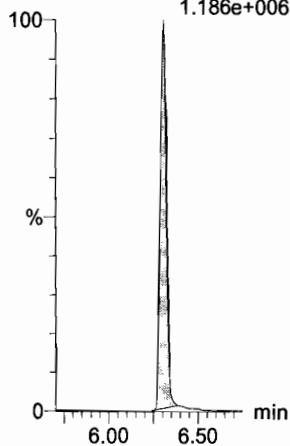
PFODA

F61:MRM of 1 channel,ES-
913.1 > 868.8
1.133e+006



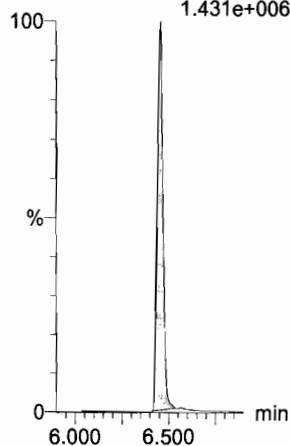
N-MeFOSE

F52:MRM of 1 channel,ES-
616.1 > 58.9
1.186e+006



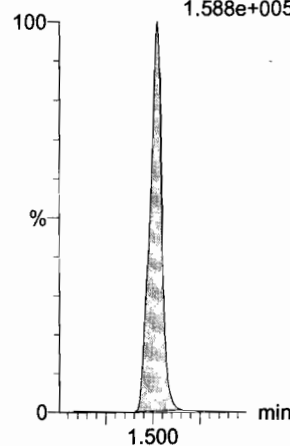
N-EtFOSE

F54:MRM of 1 channel,ES-
630.1 > 58.9
1.431e+006



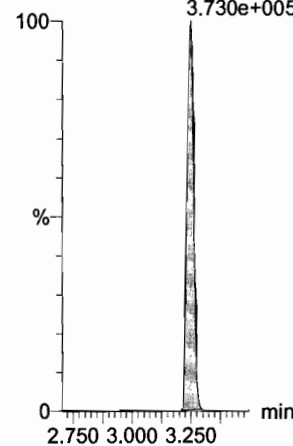
13C4-PFBA

F3:MRM of 1 channel,ES-
217. > 171.8
1.588e+005



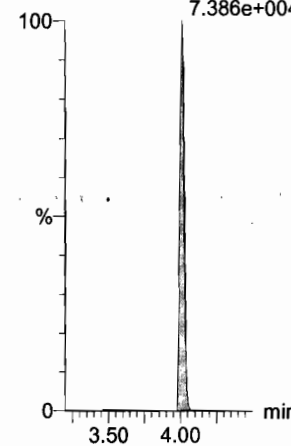
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
3.730e+005



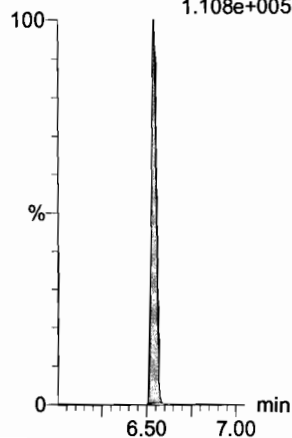
13C3-PFHxS

F16:MRM of 1 channel,ES-
401.9 > 79.9
7.386e+004



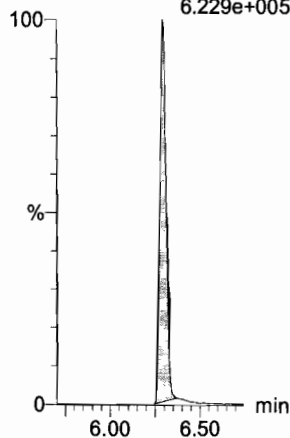
13C2-PFHxDA

F60:MRM of 1 channel,ES-
815 > 769.7
1.108e+005



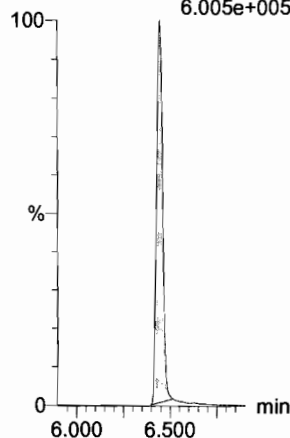
d7-N-MeFOSE

F53:MRM of 1 channel,ES-
623.1 > 58.9
6.229e+005



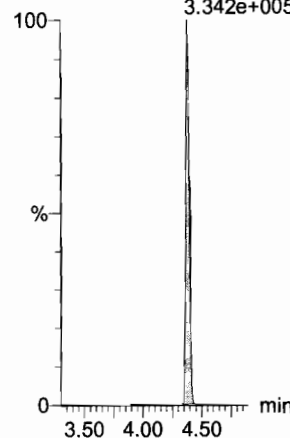
d9-N-EtFOSE

F55:MRM of 1 channel,ES-
639.2 > 58.8
6.005e+005



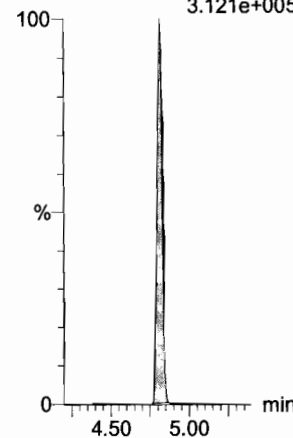
13C8-PFOA

F20:MRM of 1 channel,ES-
421.3 > 376
3.342e+005



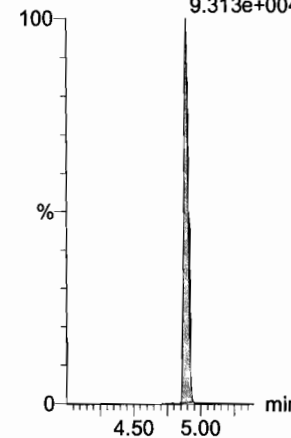
13C9-PFNA

F26:MRM of 1 channel,ES-
472.2 > 426.9
3.121e+005



13C4-PFOS

F30:MRM of 1 channel,ES-
503 > 79.9
9.313e+004



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

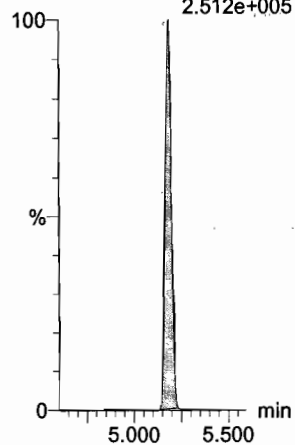
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Printed: Tuesday, January 16, 2018 09:39:21 Pacific Standard Time

Name: 180115M2_7, Date: 16-Jan-2018, Time: 01:23:11, ID: ST180115M2-7 PFC CS4 17L1208, Description: PFC CS4 17L1208

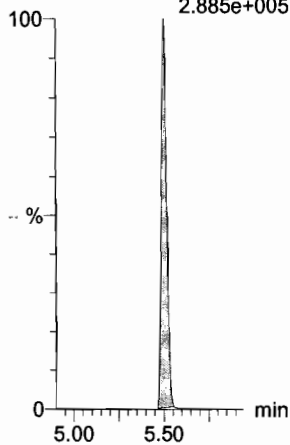
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
2.512e+005



13C7-PFUdA

F45:MRM of 1 channel,ES-
570.1 > 524.8
2.885e+005



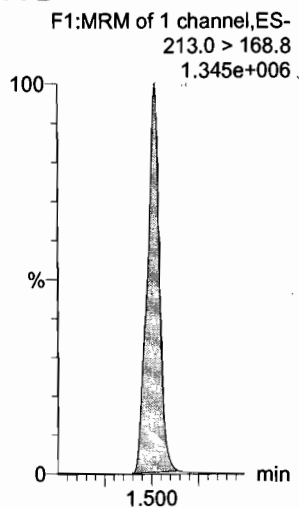
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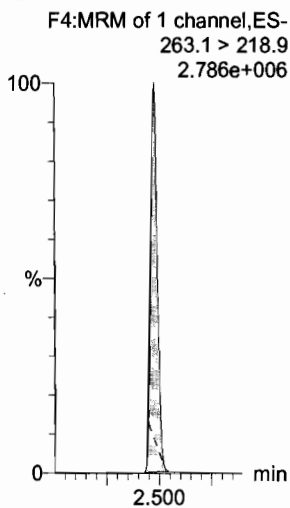
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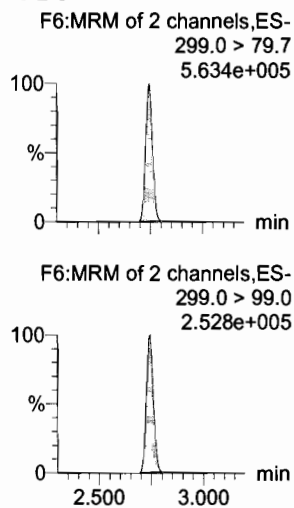
PFBA



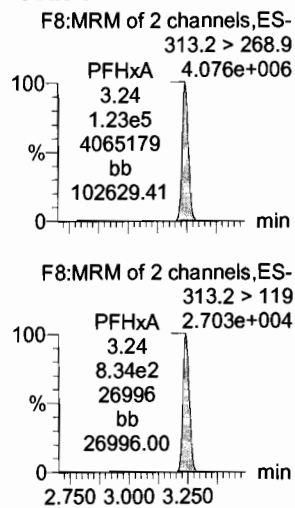
PFPeA



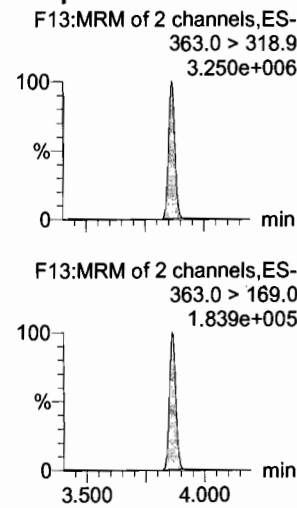
PFBS



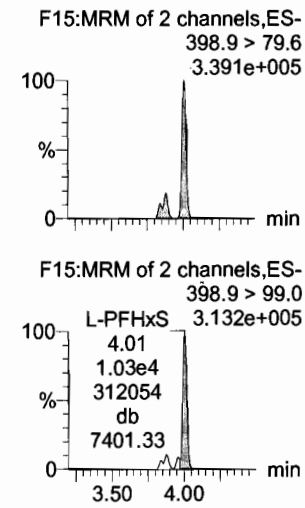
PFHxA



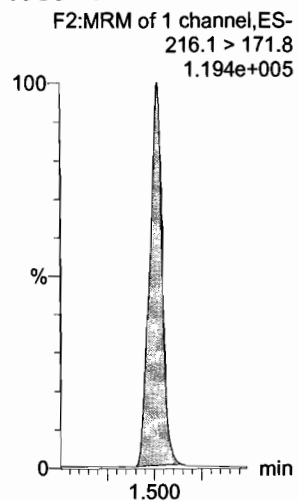
PFHpA



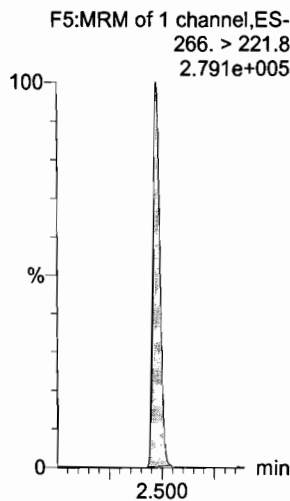
L-PFHxS



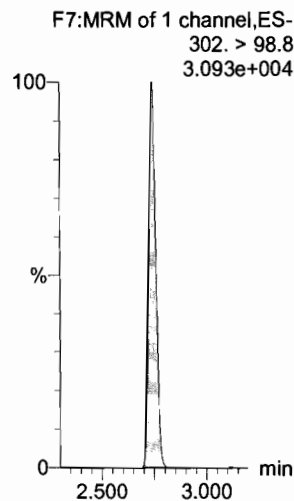
13C3-PFBA



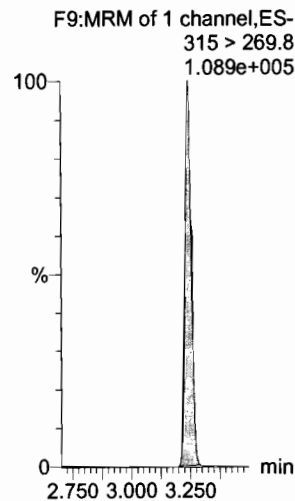
13C3-PFPeA



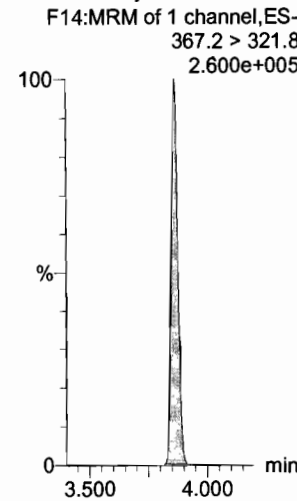
13C3-PFBS



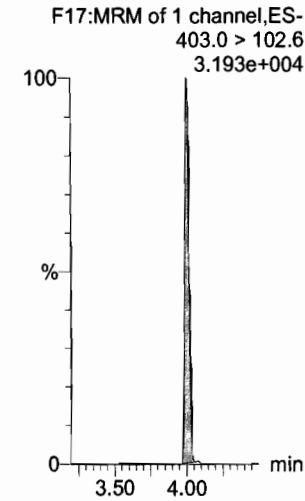
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS

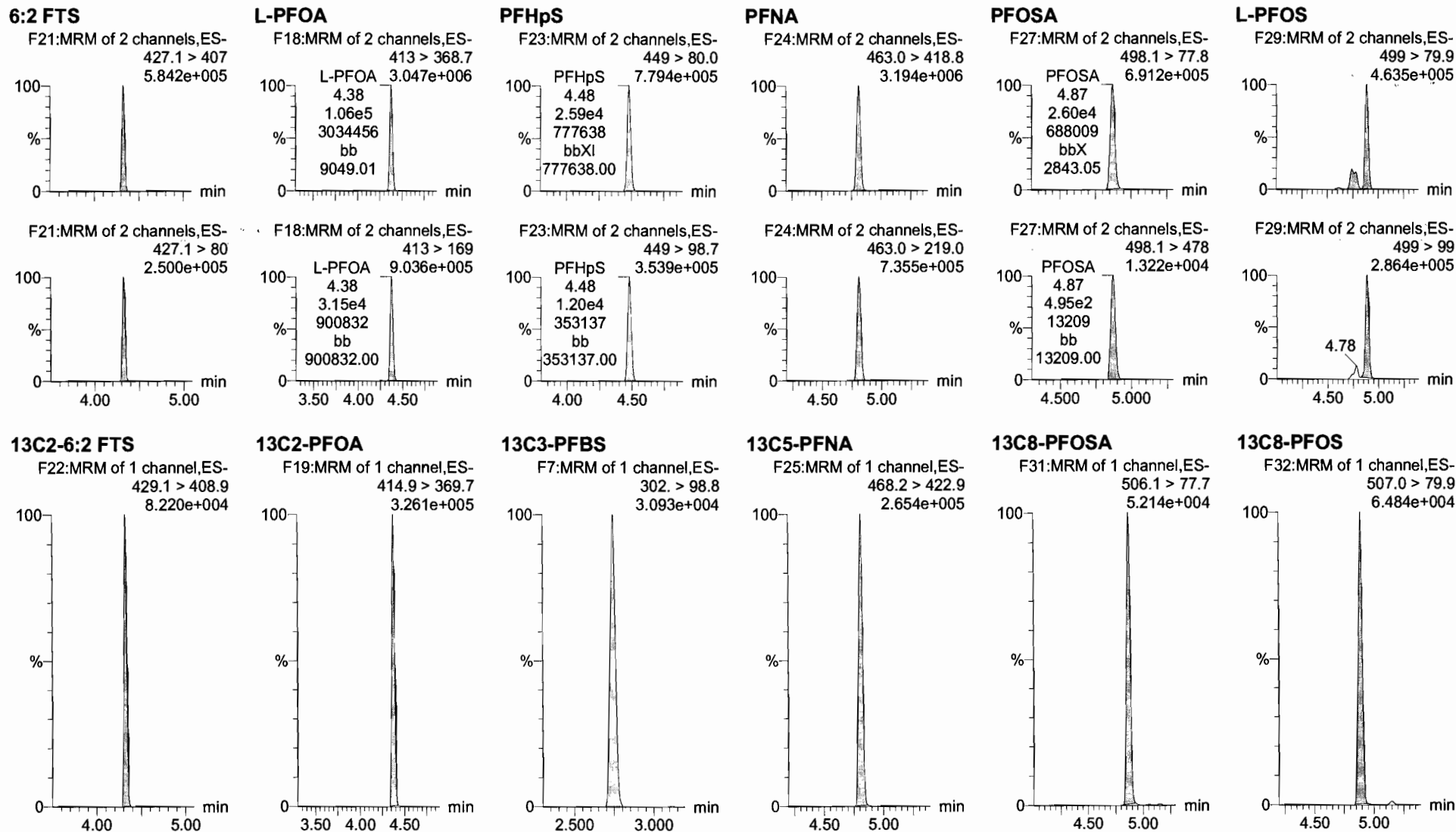


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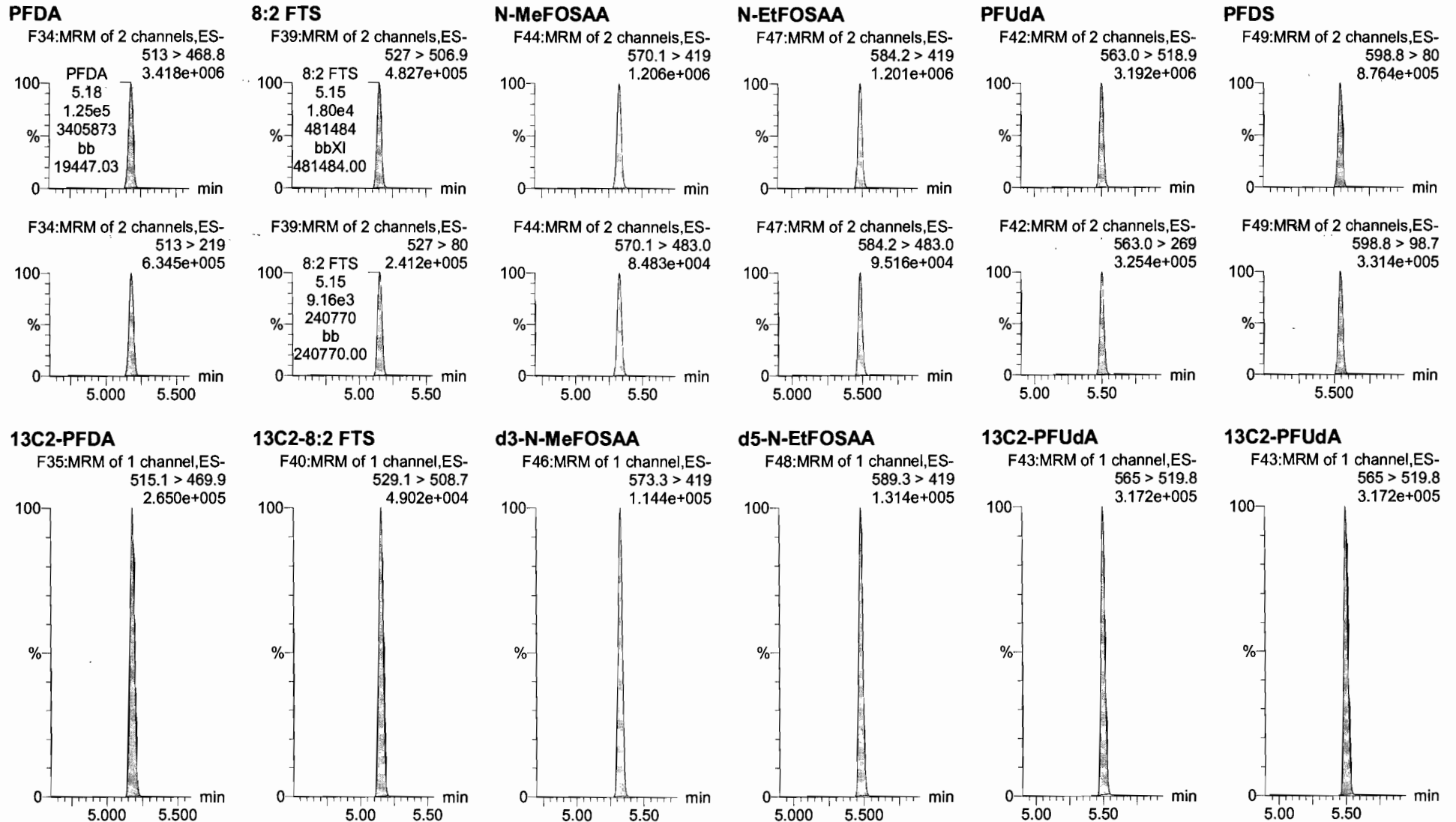
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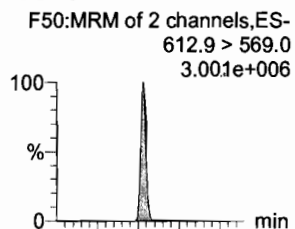
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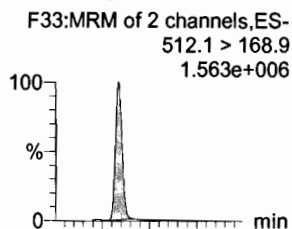
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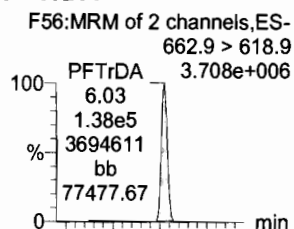
PFDoA



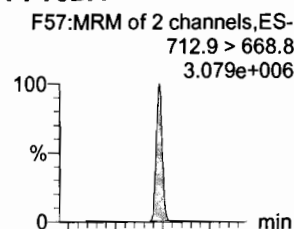
N-MeFOSA



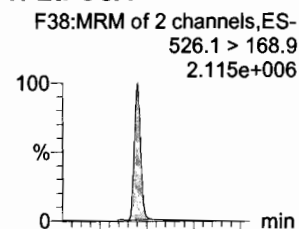
PFTrDA



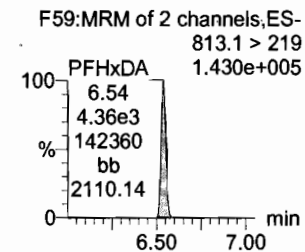
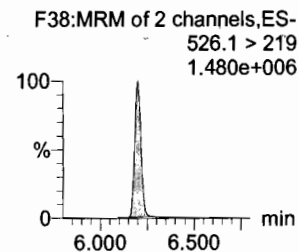
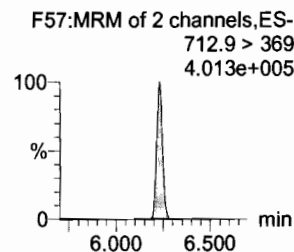
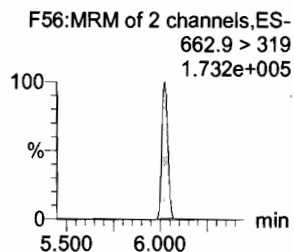
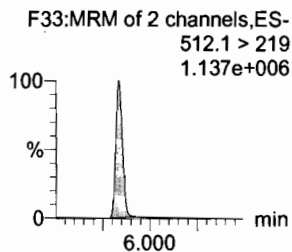
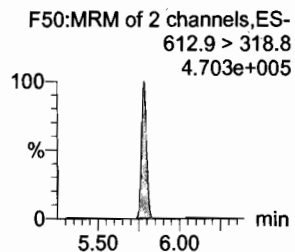
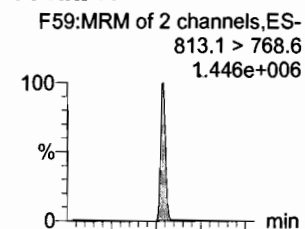
PFTeDA



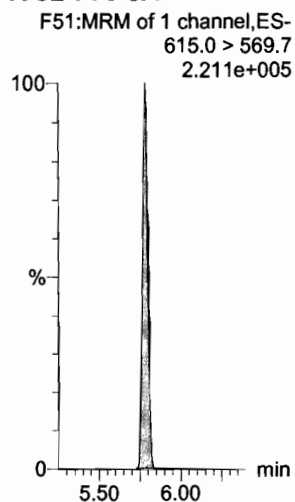
N-EtFOSA



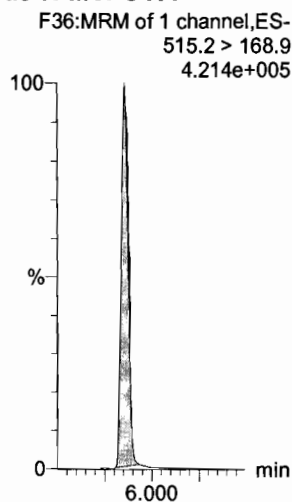
PFHxDA



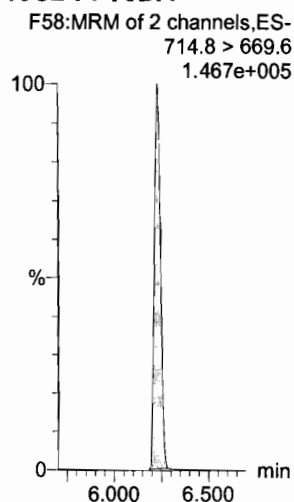
13C2-PFDoA



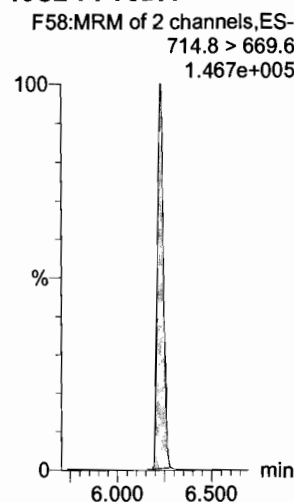
d3-N-MeFOSA



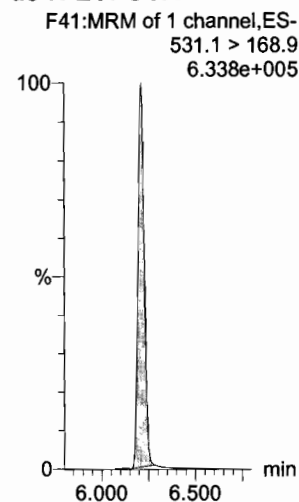
13C2-PFTeDA



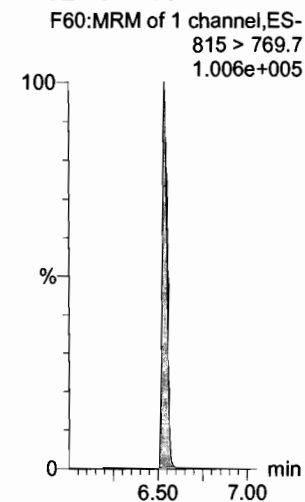
13C2-PFTeDA



d5-N-ETFOSA



13C2-PFHxDA



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

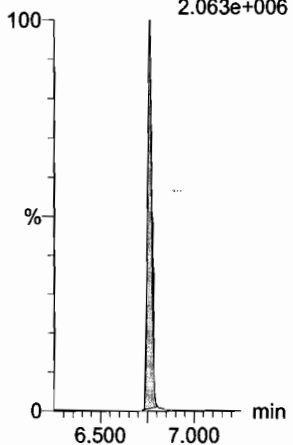
Last Altered: Tuesday, January 16, 2018 09:37:18 Pacific Standard Time

Printed: Tuesday, January 16, 2018 09:39:21 Pacific Standard Time

Name: 180115M2_8, Date: 16-Jan-2018, Time: 01:34:38, ID: ST180115M2-8 PFC CS5 17L2613, Description: PFC CS5 17L2613

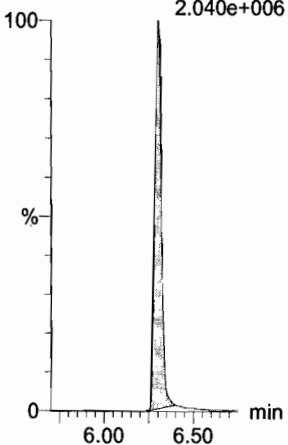
PFODA

F61:MRM of 1 channel,ES-
913.1 > 868.8
2.063e+006



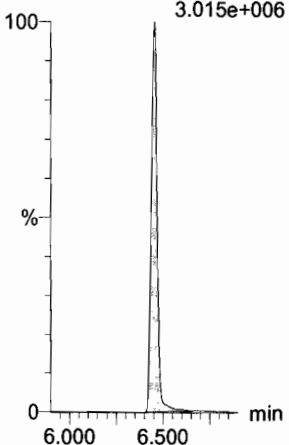
N-MeFOSE

F52:MRM of 1 channel,ES-
616.1 > 58.9
2.040e+006



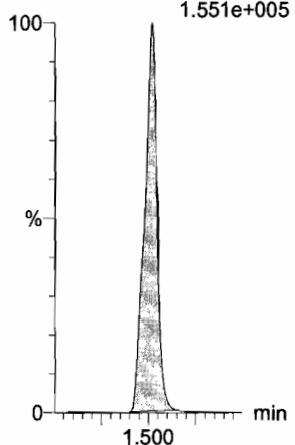
N-EtFOSE

F54:MRM of 1 channel,ES-
630.1 > 58.9
3.015e+006



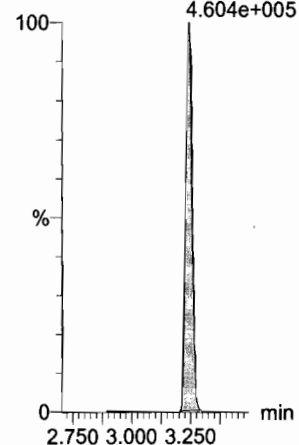
13C4-PFBA

F3:MRM of 1 channel,ES-
217. > 171.8
1.551e+005



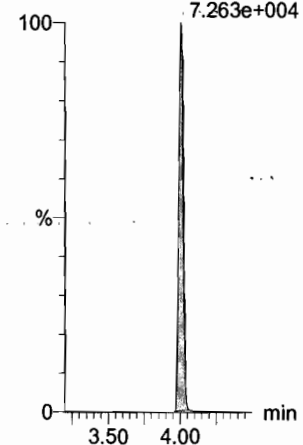
13C5-PFHxA

F10:MRM of 1 channel,ES-
318 > 272.9
4.604e+005



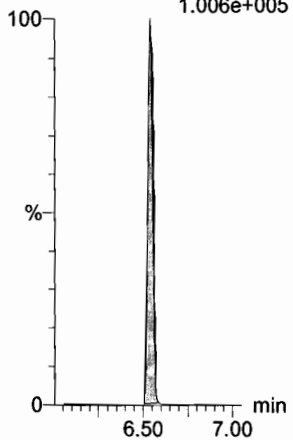
13C3-PFHxS

F16:MRM of 1 channel,ES-
401.9 > 79.9
7.263e+004



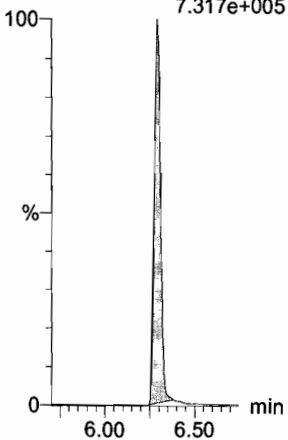
13C2-PFHxD

F60:MRM of 1 channel,ES-
815 > 769.7
1.006e+005



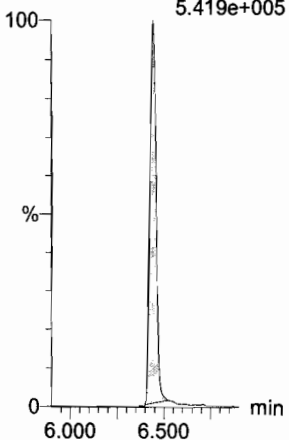
d7-N-MeFOSE

F53:MRM of 1 channel,ES-
623.1 > 58.9
7.317e+005



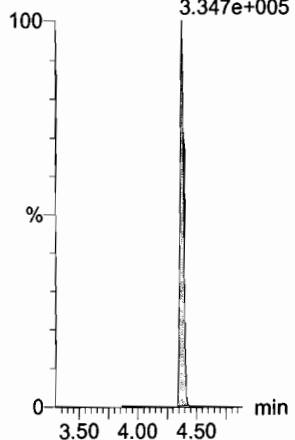
d9-N-EtFOSE

F55:MRM of 1 channel,ES-
639.2 > 58.8
5.419e+005



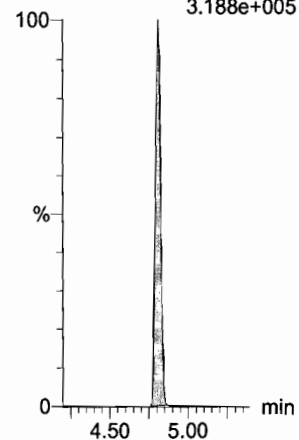
13C8-PFOA

F20:MRM of 1 channel,ES-
421.3 > 376
3.347e+005



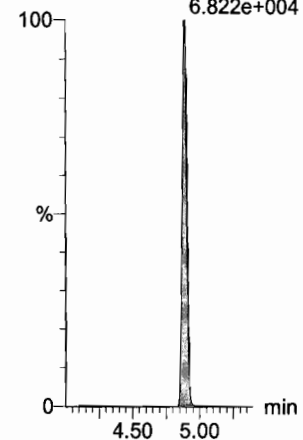
13C9-PFNA

F26:MRM of 1 channel,ES-
472.2 > 426.9
3.188e+005



13C4-PFOS

F30:MRM of 1 channel,ES-
503 > 79.9
6.822e+004



Dataset: U:\Q4.PRO\results\180115M2\180115M2-CRV.qld

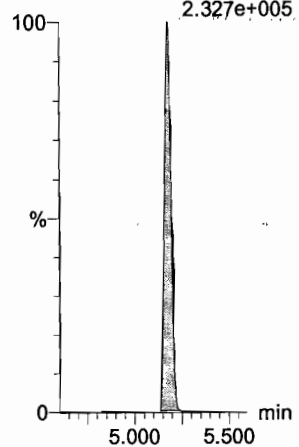
Last Altered: Tuesday, January 16, 2018 09:37:18 Pacific Standard Time

Printed: Tuesday, January 16, 2018 09:39:21 Pacific Standard Time

Name: 180115M2_8, Date: 16-Jan-2018, Time: 01:34:38, ID: ST180115M2-8 PFC CS5 17L2613, Description: PFC CS5 17L2613

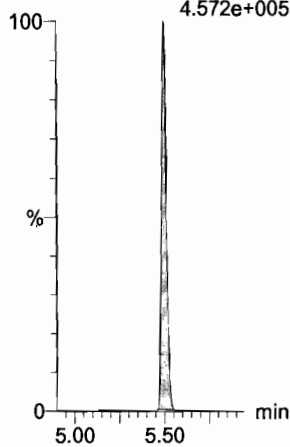
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
2.327e+005



13C7-PFUdA

F45:MRM of 1 channel,ES-
570.1 > 524.8
4.572e+005



Dataset: U:\Q4.PRO\results\180115M2\180115M2-10.qld

Last Altered: Tuesday, January 16, 2018 10:33:59 Pacific Standard Time
Printed: Tuesday, January 16, 2018 10:34:30 Pacific Standard Time

Ⓐ PFDS < 70%
Ⓑ No SS available.

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_011518.mdb 15 Jan 2018 11:38:30
Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_01-15-18-FULL-OLD.cdb 16 Jan 2018 10:22:57

Name: 180115M2_10, Date: 16-Jan-2018, Time: 01:57:31, ID: ICV180115M2-1 PFC ICV 17L1201, Description: PFC ICV 17L1201

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1/16/18
JHA
01/16/2018

#	Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
1	1 PFBA	213.0 > 168.8	4.22e4	4.31e4	1.0000		1.64	1.53	12.2	9.143	91.4
2	2 PFPeA	263.1 > 218.9	3.87e4	4.74e4	1.0000		2.60	2.48	10.2	8.865	88.7
3	3 PFBS	299.0 > 79.7	7.49e3	5.83e3	1.0000		2.87	2.74	16.1	8.388	83.9
4	4 PFHxA	313.2 > 268.9	5.03e4	1.55e4	1.0000		3.36	3.25	16.2	9.233	92.3
5	5 PFHpA	363.0 > 318.9	3.86e4	3.81e4	1.0000		4.00	3.86	12.7	8.516	85.2
6	6 L-PFHxS	398.9 > 79.6	5.32e3	4.45e3	1.0000		4.14	4.01	15.0	7.365	73.7
7	8 6:2 FTS	427.1 > 407	7.45e3	4.45e3	1.0000		4.46	4.32	20.9	7.277	72.8
8	9 L-PFOA	413 > 368.7	4.17e4	5.84e4	1.0000		4.50	4.38	8.91	7.641	76.4
9	11 PFHpS	449 > 80.0	1.07e4	5.84e4	1.0000		4.60	4.48	2.29	8.064	80.6
10	12 PFNA	463.0 > 418.8	4.68e4	4.69e4	1.0000		4.94	4.81	12.5	9.162	91.6
11	13 PFOSA	498.1 > 77.8	3.83e3	3.99e3	1.0000		5.00	4.87	12.0	9.978	99.8
12	14 L-PFOS	499 > 79.9	9.56e3	1.09e4	1.0000		5.02	4.89	11.0	9.839	98.4
13	16 PFDA	513 > 468.8	3.70e4	4.01e4	1.0000		5.31	5.18	11.5	8.007	80.1
14	17 8:2 FTS	527 > 506.9	6.16e3	4.01e4	1.0000		5.28	5.15	1.92	7.523	75.2
15	18 N-MeFOSAA	570.1 > 419	1.06e4	9.21e3	1.0000		5.45	5.33	14.4	8.677	86.8
16	19 N-EtFOSAA	584.2 > 419	8.54e3	1.06e4	1.0000		5.60	5.48	10.0	7.762	77.6
17	20 PFUdA	563.0 > 518.9	1.34e4	1.66e4	1.0000		5.62	5.50	10.1	7.882	78.8
18	21 PFDS	598.8 > 80	1.97e3	1.66e4	1.0000		5.67	5.55	1.48	4.394	Ⓐ 43.9
19	22 PFDoA	612.9 > 569.0	7.26e3	5.53e3	1.0000		5.91	5.78	16.4	11.272	Ⓑ 112.7
20	23 N-MeFOSA	512.1 > 168.9		2.76e3	1.0000		5.87				Ⓑ 71.5
21	24 PFTDA	662.9 > 618.9	6.78e3	5.53e3	1.0000		6.15	6.03	15.3	7.147	71.5
22	25 PFTeDA	712.9 > 668.8	3.76e3	1.87e3	1.0000		6.35	6.23	25.2	7.572	75.7
23	26 N-EtFOSA	526.1 > 168.9		2.97e3	1.0000		6.25				Ⓑ 75.7
24	27 PFHxDA	813.1 > 768.6		1.01e3	1.0000		6.64				
25	28 PFODA	913.1 > 868.8		1.01e3	1.0000		6.85				
26	29 N-MeFOSE	616.1 > 58.9		1.02e4	1.0000		6.31				
27	30 N-EtFOSE	630.1 > 58.9		9.18e3	1.0000		6.45				
28	31 13C3-PFBA	216.1 > 171.8	4.31e4	4.78e4	1.0000	0.779	1.64	1.53	11.3	14.466	115.7
29	32 13C3-PFPeA	266. > 221.8	4.74e4	5.13e4	1.0000	0.797	2.60	2.48	11.5	14.472	115.8
30	33 13C3-PFBS	302. > 98.8	5.83e3	5.13e4	1.0000	0.095	2.87	2.75	1.42	14.929	119.4
31	34 13C3-PFHxA	313.2 > 268.9	1.55e4	5.13e4	1.0000	0.636	3.36	3.25	3.78	5.937	118.7

70-130

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Ⓑ

Dataset: U:\Q4.PRO\results\180115M2\180115M2-10.qld

Last Altered: Tuesday, January 16, 2018 10:33:59 Pacific Standard Time

Printed: Tuesday, January 16, 2018 10:34:30 Pacific Standard Time

Name: 180115M2_10, Date: 16-Jan-2018, Time: 01:57:31, ID: ICV180115M2-1 PFC ICV 17L1201, Description: PFC ICV 17L1201

	# Name	Trace	Area	IS Area	wt/vol	RRF	Pred.RT	RT	y Axis Resp.	Conc.	%Rec
32	35 13C4-PFHpA	367.2 > 321.8	3.81e4	5.13e4	1.0000	0.621	4.00	3.86	9.27	14.929	119.4
33	36 18O2-PFHxS	403.0 > 102.6	4.45e3	1.25e4	1.0000	0.336	4.14	4.01	4.44	13.221	105.8
34	37 13C2-6:2 FTS	429.1 > 408.9	9.75e3	4.79e4	1.0000	0.192	4.46	4.33	2.55	13.229	105.8
35	38 13C2-PFOA	414.9 > 369.7	5.84e4	4.79e4	1.0000	1.001	4.50	4.38	15.3	15.234	121.9
36	39 13C5-PFNA	468.2 > 422.9	4.69e4	4.38e4	1.0000	0.811	4.94	4.81	13.4	16.506	132.0
37	40 13C8-PFOA	506.1 > 77.7	3.99e3	1.79e4	1.0000	0.196	5.00	4.87	2.78	14.134	113.1
38	41 13C8-PFOS	507.0 > 79.9	1.09e4	1.14e4	1.0000	0.862	5.02	4.89	11.9	13.836	110.7
39	42 13C2-PFDA	515.1 > 469.9	4.01e4	3.72e4	1.0000	0.996	5.31	5.18	13.5	13.560	108.5
40	43 13C2-8:2 FTS	529.1 > 508.7	4.91e3	5.13e4	1.0000	0.103	5.28	5.15	1.19	11.599	92.8
41	44 d3-N-MeFOSAA	573.3 > 419	9.21e3	1.79e4	1.0000	0.340	5.45	5.32	6.42	18.871	151.0
42	45 d5-N-EtFOSAA	589.3 > 419	1.06e4	1.79e4	1.0000	0.377	5.60	5.48	7.41	19.663	157.3
43	46 13C2-PFUdA	565 > 519.8	1.66e4	1.79e4	1.0000	0.944	5.62	5.50	11.5	12.235	97.9
44	47 13C2-PFDoA	615.0 > 569.7	5.53e3	1.79e4	1.0000	0.726	5.91	5.78	3.85	5.307	42.5
45	48 d3-N-MeFOSA	515.2 > 168.9	2.76e3	1.79e4	1.0000	0.119	5.87	5.86	1.92	16.158	10.8
46	49 13C2-PFTeDA	714.8 > 669.6	1.87e3	1.79e4	1.0000	0.371	6.35	6.23	1.30	3.503	28.0
47	50 d5-N-ETFOSA	531.1 > 168.9	2.97e3	1.79e4	1.0000	0.174	6.25	6.21	2.07	11.921	7.9
48	51 13C2-PFHxDA	815 > 769.7	1.01e3	1.79e4	1.0000	0.559	6.64	6.54	0.702	1.256	25.1
49	52 d7-N-MeFOSE	623.1 > 58.9	1.02e4	1.79e4	1.0000	0.179	6.31	6.29	7.09	39.533	26.4
50	53 d9-N-EtFOSE	639.2 > 58.8	9.18e3	1.79e4	1.0000	0.160	6.45	6.44	6.40	40.069	26.7
51	54 13C4-PFBA	217. > 171.8	4.78e4	4.78e4	1.0000	1.000	1.64	1.52	12.5	12.500	100.0
52	55 13C5-PFHxA	318 > 272.9	5.13e4	5.13e4	1.0000	1.000	3.36	3.25	12.5	12.500	100.0
53	56 13C3-PFHxS	401.9 > 79.9	1.25e4	1.25e4	1.0000	1.000	4.14	4.01	12.5	12.500	100.0
54	57 13C8-PFOA	421.3 > 376	4.79e4	4.79e4	1.0000	1.000	4.50	4.38	12.5	12.500	100.0
55	58 13C9-PFNA	472.2 > 426.9	4.38e4	4.38e4	1.0000	1.000	4.94	4.81	12.5	12.500	100.0
56	59 13C4-PFOS	503 > 79.9	1.14e4	1.14e4	1.0000	1.000	5.02	4.89	12.5	12.500	100.0
57	60 13C6-PFDA	519.1 > 473.7	3.72e4	3.72e4	1.0000	1.000	5.31	5.18	12.5	12.500	100.0
58	61 13C7-PFUdA	570.1 > 524.8	1.79e4	1.79e4	1.0000	1.000	5.62	5.50	12.5	12.500	100.0

Dataset: U:\Q4.PRO\results\180115M2\180115M2-10.qld

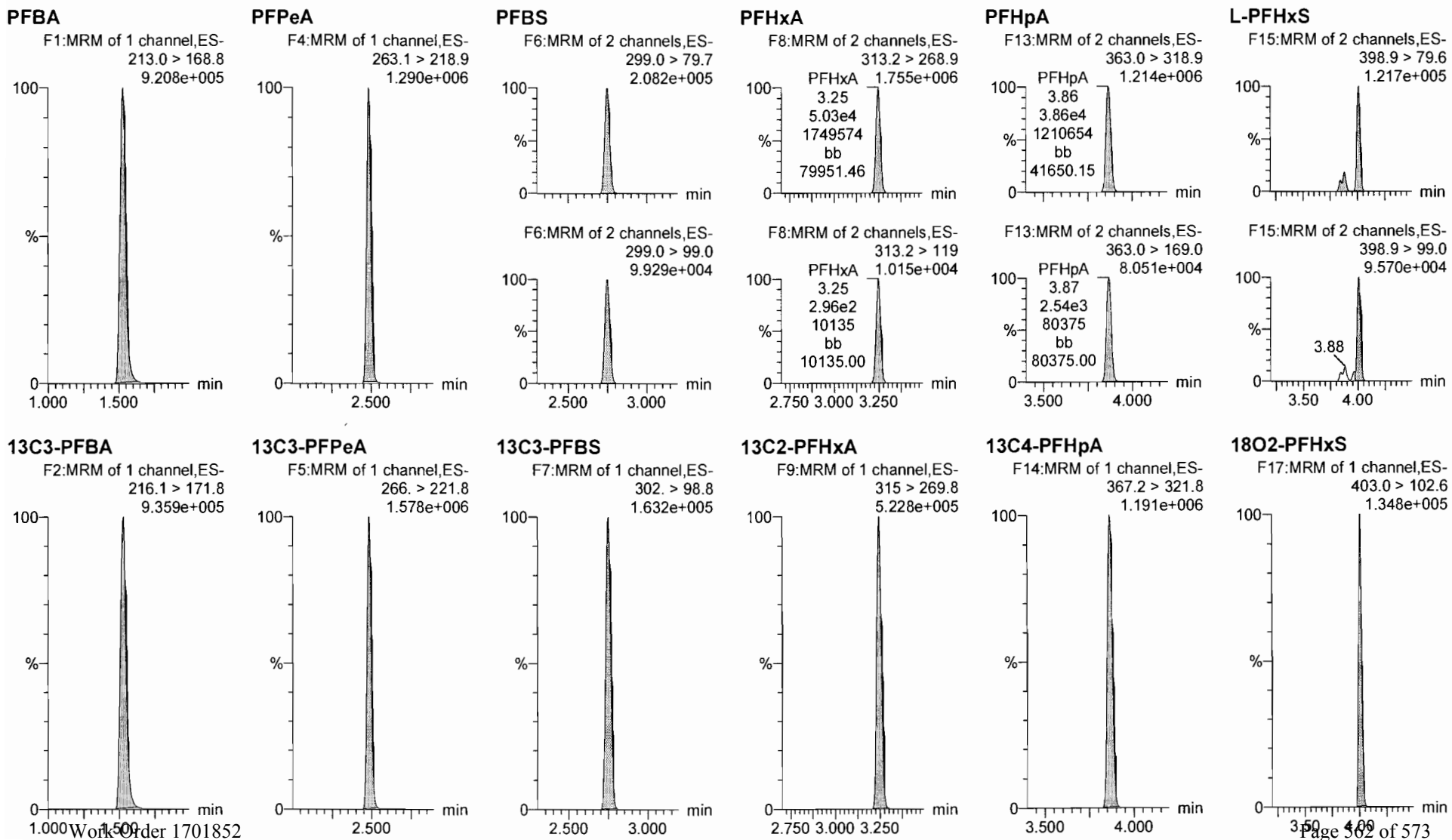
Last Altered: Tuesday, January 16, 2018 10:33:59 Pacific Standard Time

Printed: Tuesday, January 16, 2018 10:34:30 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_011518.mdb 15 Jan 2018 11:38:30

Calibration: U:\Q4.PRO\CurveDB\C18_VAL-PFAS_Q4_01-15-18-FULL-OLD.cdb 16 Jan 2018 10:22:57

Name: 180115M2_10, Date: 16-Jan-2018, Time: 01:57:31, ID: ICV180115M2-1 PFC ICV 17L1201, Description: PFC ICV 17L1201



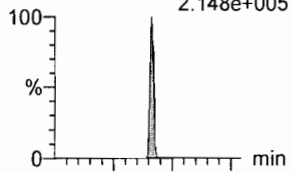
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Last Altered: Tuesday, January 16, 2018 10:33:59 Pacific Standard Time
Printed: Tuesday, January 16, 2018 10:34:30 Pacific Standard Time

Name: 180115M2_10, Date: 16-Jan-2018, Time: 01:57:31, ID: ICV180115M2-1 PFC ICV 17L1201, Description: PFC ICV 17L1201

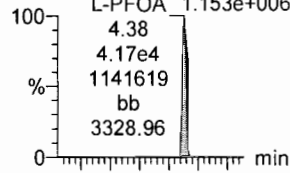
6:2 FTS

F21:MRM of 2 channels,ES-
427.1 > 407
2.148e+005



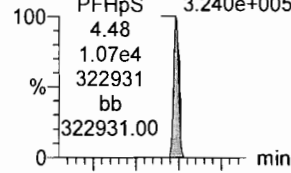
L-PFOA

F18:MRM of 2 channels,ES-
413 > 368.7
1.153e+006



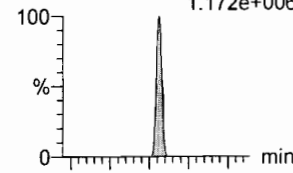
PFHpS

F23:MRM of 2 channels,ES-
449 > 80.0
3.240e+005



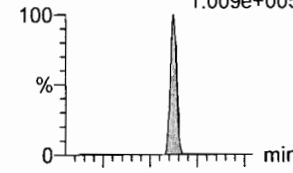
PFNA

F24:MRM of 2 channels,ES-
463.0 > 418.8
1.172e+006



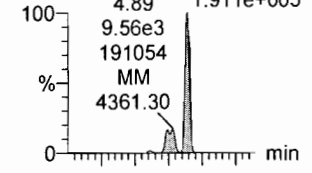
PFOSA

F27:MRM of 2 channels,ES-
498.1 > 77.8
1.009e+005

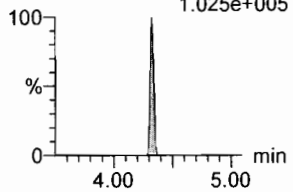


L-PFOS

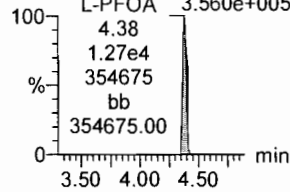
F29:MRM of 2 channels,ES-
L-PFOS 499 > 79.9
4.89 1.911e+005
9.56e3
191054
MM
4361.30



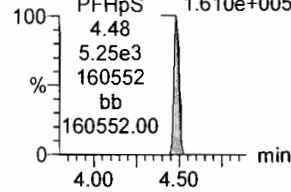
F21:MRM of 2 channels,ES-
427.1 > 80
1.025e+005



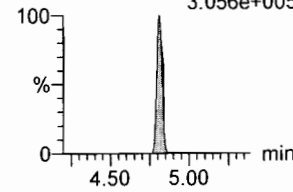
F18:MRM of 2 channels,ES-
413 > 169
3.560e+005



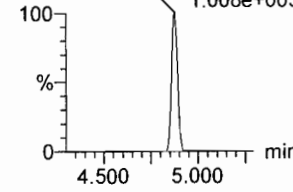
F23:MRM of 2 channels,ES-
449 > 98.7
1.610e+005



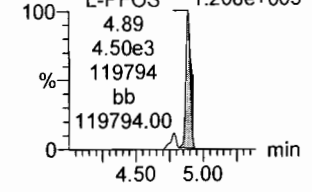
F24:MRM of 2 channels,ES-
463.0 > 219.0
3.056e+005



F27:MRM of 2 channels,ES-
498.1 > 478
1.008e+003

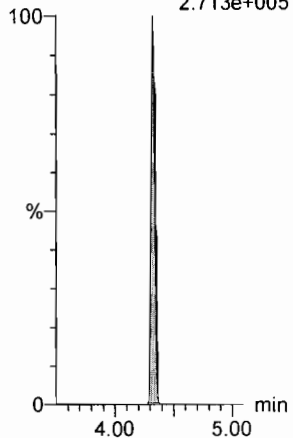


F29:MRM of 2 channels,ES-
499 > 99
1.208e+005



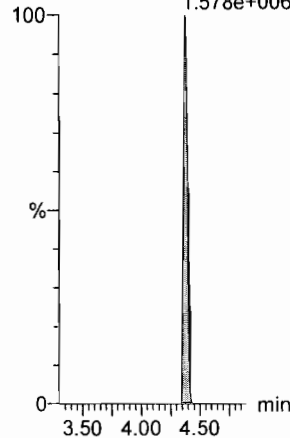
13C2-6:2 FTS

F22:MRM of 1 channel,ES-
429.1 > 408.9
2.713e+005



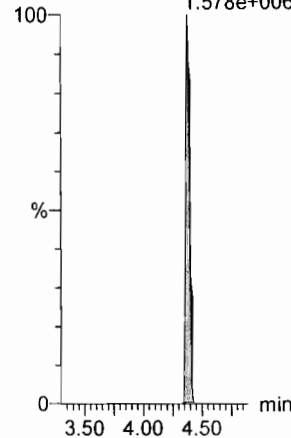
13C2-PFOA

F19:MRM of 1 channel,ES-
414.9 > 369.7
1.578e+006



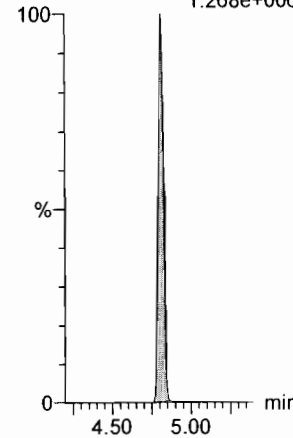
13C2-PFOA

F19:MRM of 1 channel,ES-
414.9 > 369.7
1.578e+006



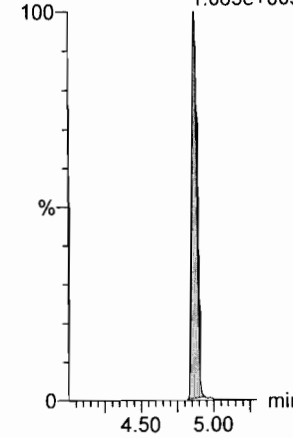
13C5-PFNA

F25:MRM of 1 channel,ES-
468.2 > 422.9
1.268e+006



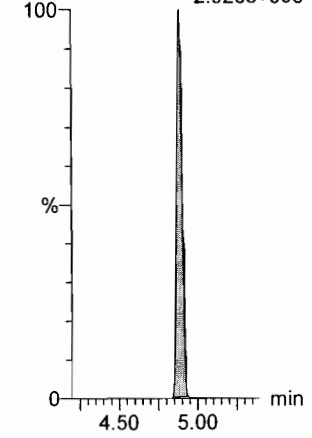
13C8-PFOSA

F31:MRM of 1 channel,ES-
506.1 > 77.7
1.065e+005



13C8-PFOS

F32:MRM of 1 channel,ES-
507.0 > 79.9
2.928e+005

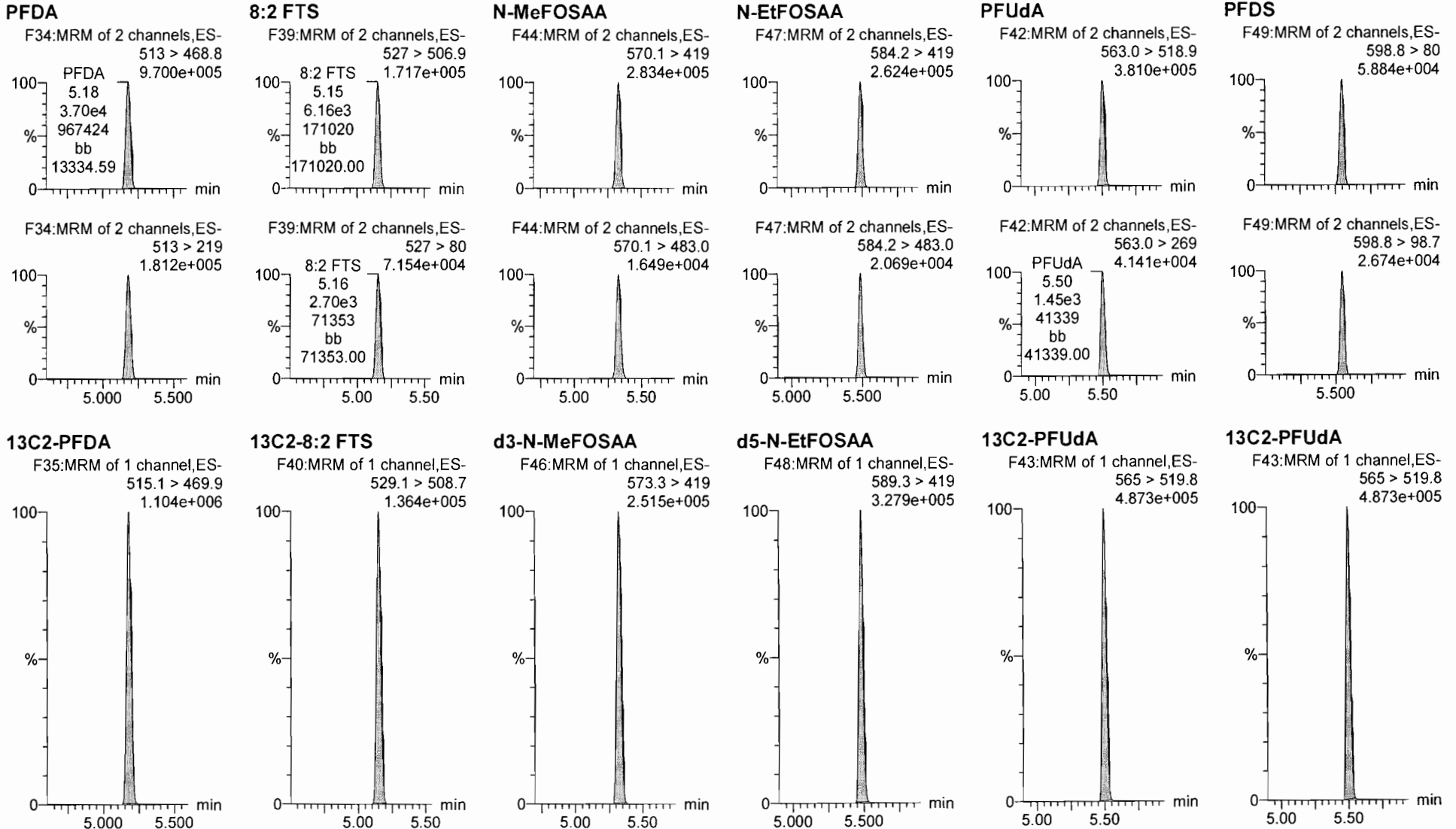


Dataset: U:\Q4.PRO\results\180115M2\180115M2-10.qld

Last Altered: Tuesday, January 16, 2018 10:33:59 Pacific Standard Time

Printed: Tuesday, January 16, 2018 10:34:30 Pacific Standard Time

Name: 180115M2_10, Date: 16-Jan-2018, Time: 01:57:31, ID: ICV180115M2-1 PFC ICV 17L1201, Description: PFC ICV 17L1201



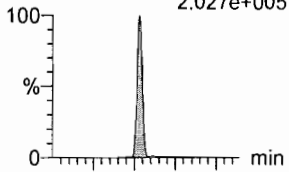
Dataset: U:\Q4.PRO\results\180115M2\180115M2-10.qld

Last Altered: Tuesday, January 16, 2018 10:33:59 Pacific Standard Time
Printed: Tuesday, January 16, 2018 10:34:30 Pacific Standard Time

Name: 180115M2_10, Date: 16-Jan-2018, Time: 01:57:31, ID: ICV180115M2-1 PFC ICV 17L1201, Description: PFC ICV 17L1201

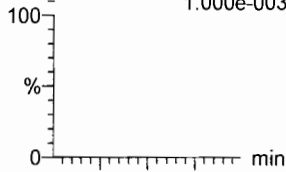
PFD_oA

F50:MRM of 2 channels,ES-
612.9 > 569.0
2.027e+005



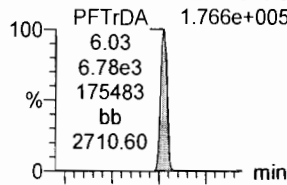
N-MeFOSA

F33:MRM of 2 channels,ES-
512.1 > 168.9
1.000e-003



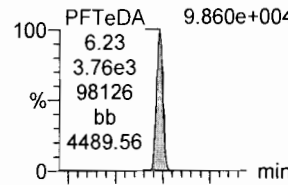
PFT_rDA

F56:MRM of 2 channels,ES-
662.9 > 618.9
1.766e+005



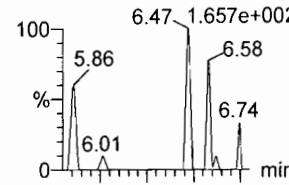
PFT_eDA

F57:MRM of 2 channels,ES-
712.9 > 668.8
9.860e+004



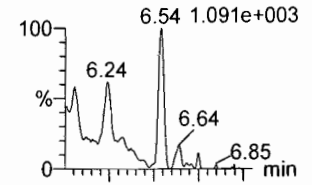
N-EtFOSA

F38:MRM of 2 channels,ES-
526.1 > 168.9
1.657e+002

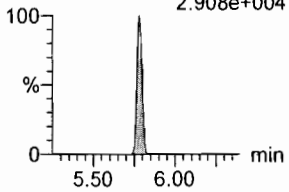


PFH_xDA

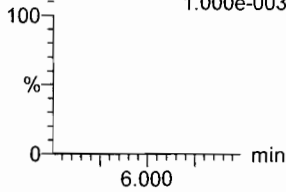
F59:MRM of 2 channels,ES-
813.1 > 768.6
1.091e+003



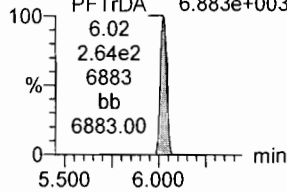
F50:MRM of 2 channels,ES-
612.9 > 318.8
2.908e+004



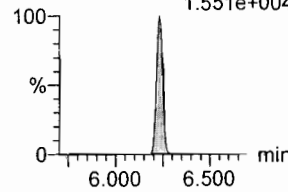
F33:MRM of 2 channels,ES-
512.1 > 219
1.000e-003



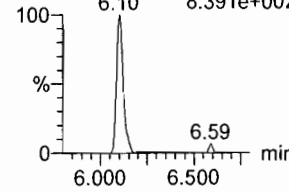
F56:MRM of 2 channels,ES-
662.9 > 319
6.883e+003



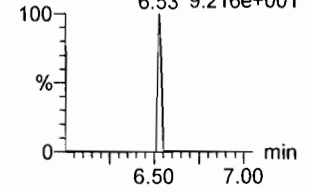
F57:MRM of 2 channels,ES-
712.9 > 369
1.551e+004



F38:MRM of 2 channels,ES-
526.1 > 219
8.391e+002

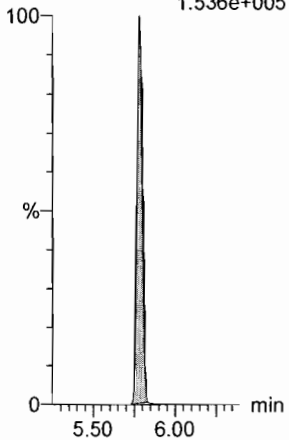


F59:MRM of 2 channels,ES-
813.1 > 219
9.216e+001



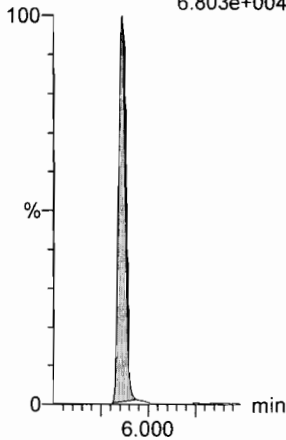
13C2-PFD_oA

F51:MRM of 1 channel,ES-
615.0 > 569.7
1.536e+005



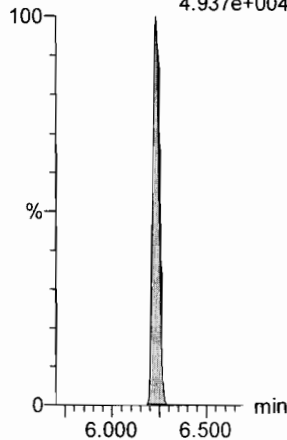
d3-N-MeFOSA

F36:MRM of 1 channel,ES-
515.2 > 168.9
6.803e+004



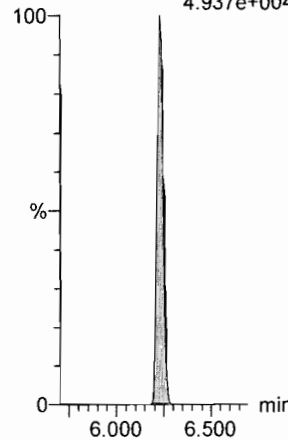
13C2-PFT_rDA

F58:MRM of 2 channels,ES-
714.8 > 669.6
4.937e+004



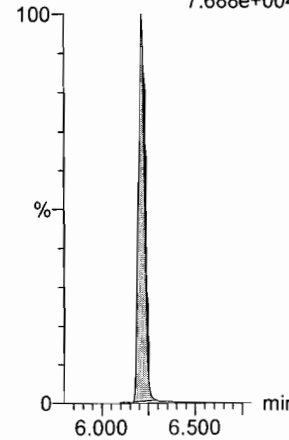
13C2-PFT_eDA

F58:MRM of 2 channels,ES-
714.8 > 669.6
4.937e+004



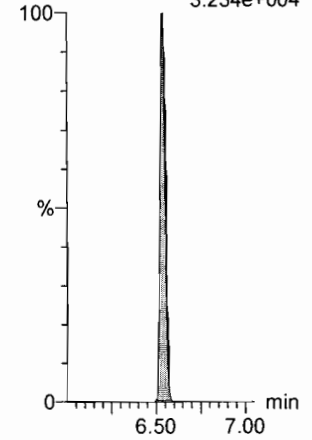
d5-N-ETFOA

F41:MRM of 1 channel,ES-
531.1 > 168.9
7.688e+004



13C2-PFH_xDA

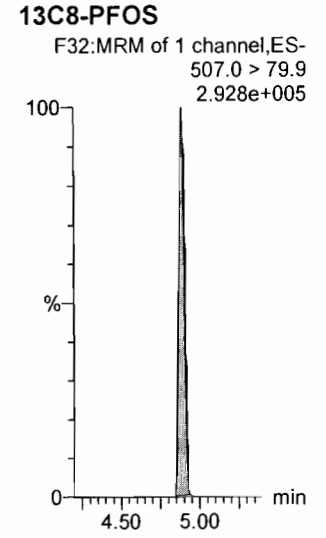
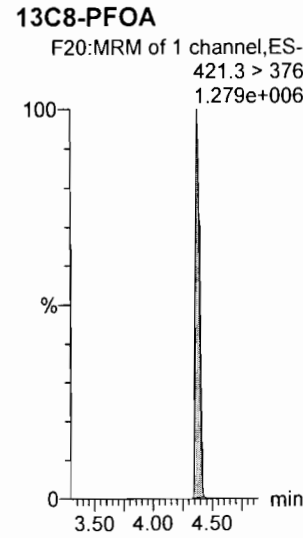
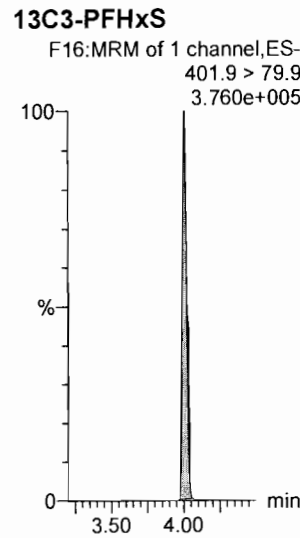
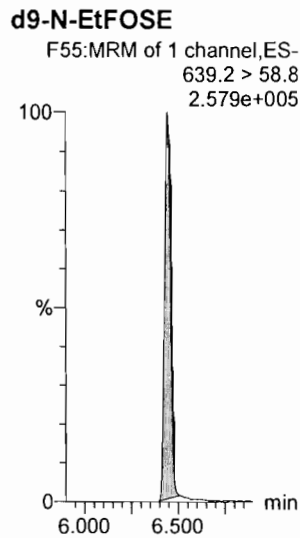
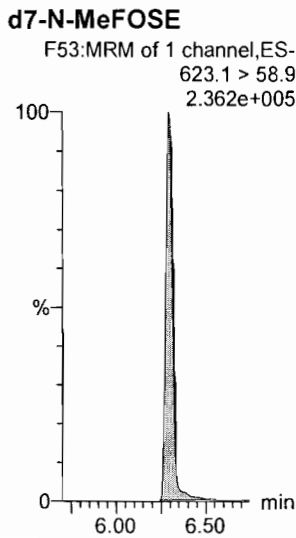
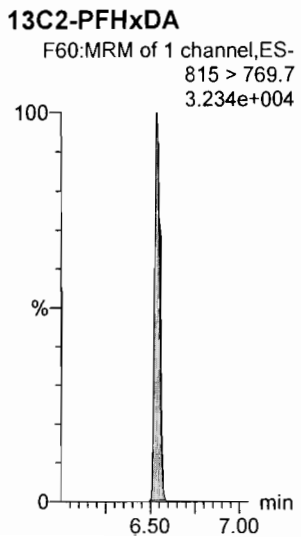
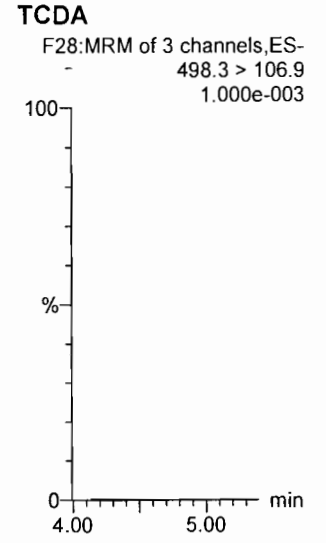
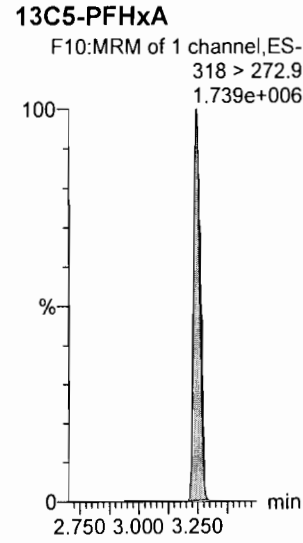
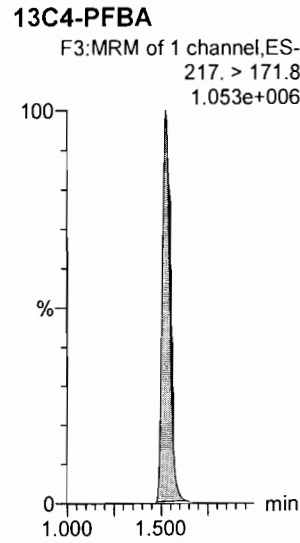
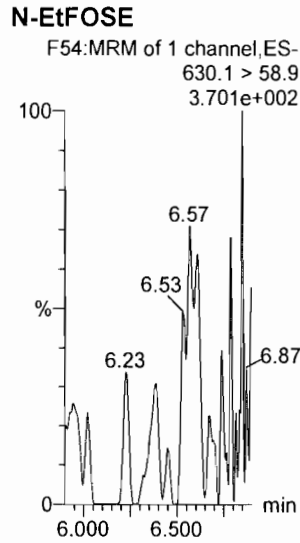
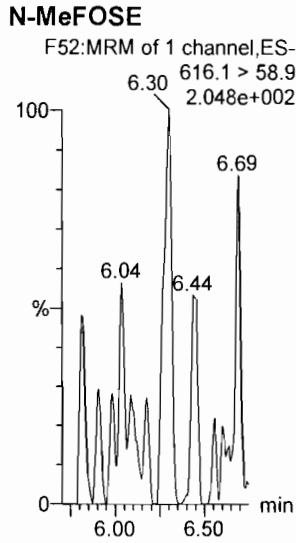
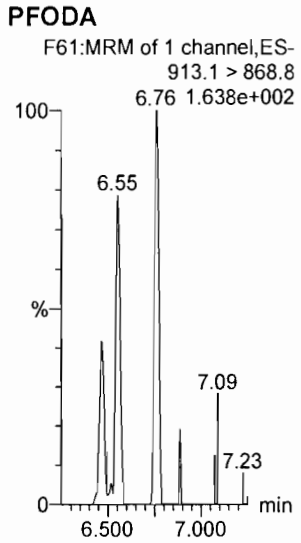
F60:MRM of 1 channel,ES-
815 > 769.7
3.234e+004



Dataset: U:\Q4.PRO\results\180115M2\180115M2-10.qld

Last Altered: Tuesday, January 16, 2018 10:33:59 Pacific Standard Time
Printed: Tuesday, January 16, 2018 10:34:30 Pacific Standard Time

Name: 180115M2_10, Date: 16-Jan-2018, Time: 01:57:31, ID: ICV180115M2-1 PFC ICV 17L1201, Description: PFC ICV 17L1201



Dataset: U:\Q4.PRO\results\180115M2\180115M2-10.qld

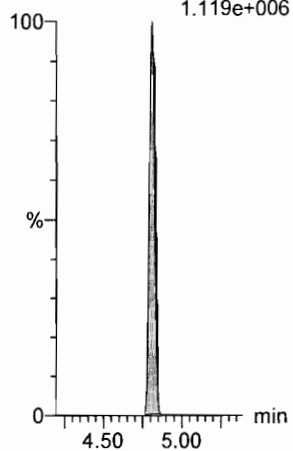
Last Altered: Tuesday, January 16, 2018 10:33:59 Pacific Standard Time

Printed: Tuesday, January 16, 2018 10:34:30 Pacific Standard Time

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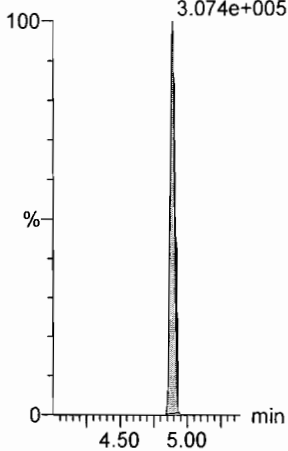
13C9-PFNA

F26:MRM of 1 channel,ES-
472.2 > 426.9
1.119e+006



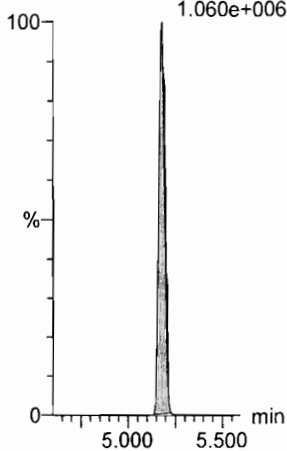
13C4-PFOS

F30:MRM of 1 channel,ES-
503 > 79.9
3.074e+005



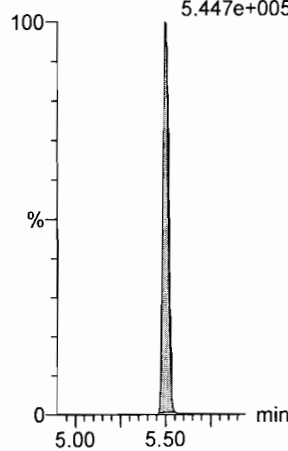
13C6-PFDA

F37:MRM of 1 channel,ES-
519.1 > 473.7
1.060e+006



13C7-PFUdA

F45:MRM of 1 channel,ES-
570.1 > 524.8
5.447e+005



Dataset: U:\Q4.PRO\results\180115M2\180115M2-9.qld

Last Altered: Tuesday, January 16, 2018 13:50:18 Pacific Standard Time

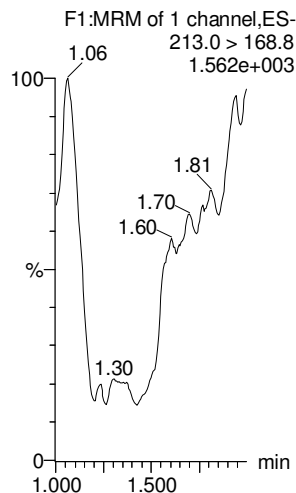
Printed: Tuesday, January 16, 2018 13:51:15 Pacific Standard Time

Method: U:\Q4.PRO\MethDB\PFAS_FULL_80C_011518.mdb 16 Jan 2018 13:43:12

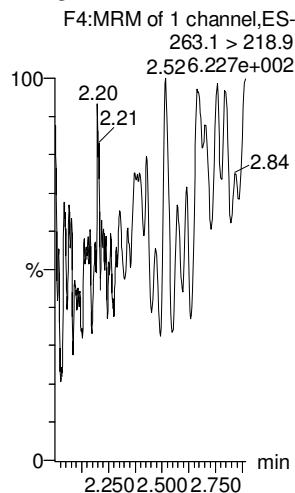
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Name: 180115M2_9, Date: 16-Jan-2018, Time: 01:46:05, ID: IPA, Description: IPA

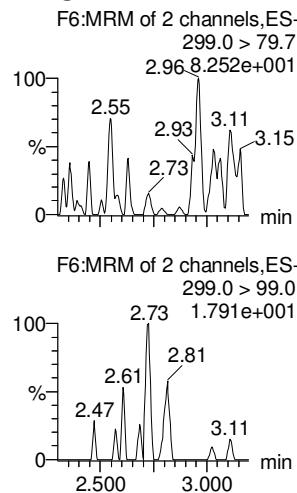
PFBA



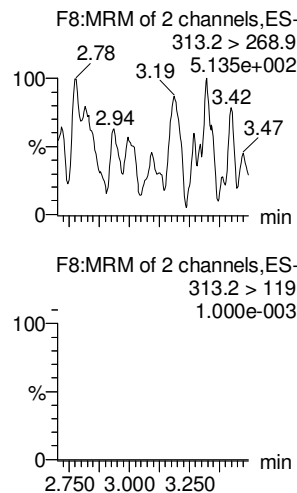
PFPeA



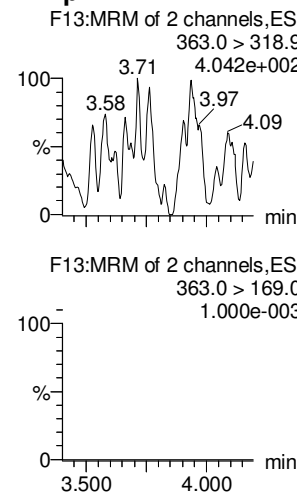
PFBS



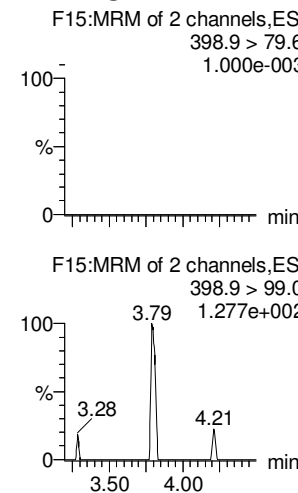
PFHxA



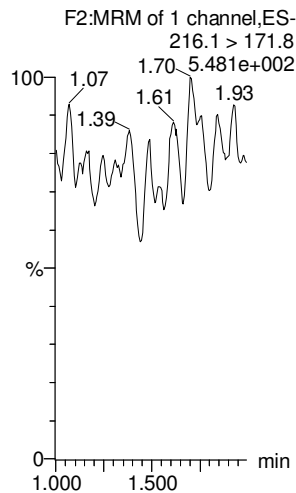
PFHpA



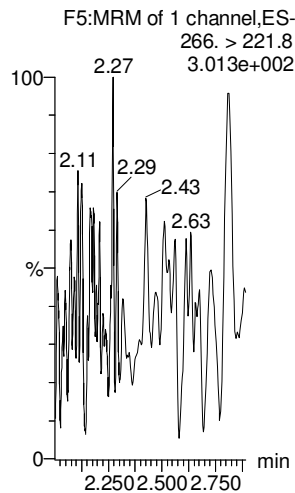
L-PFHxS



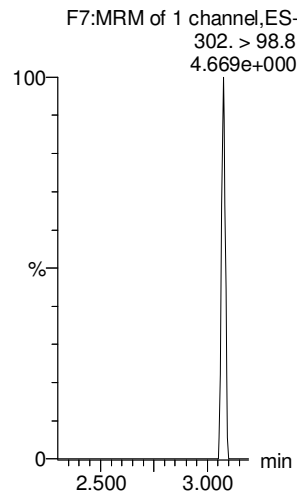
13C3-PFBA



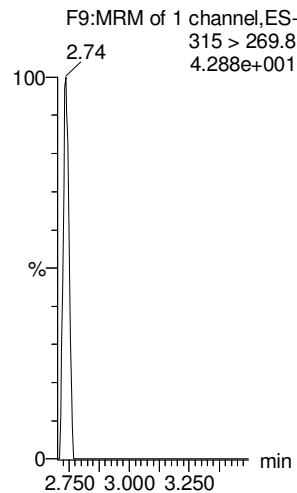
13C3-PFPeA



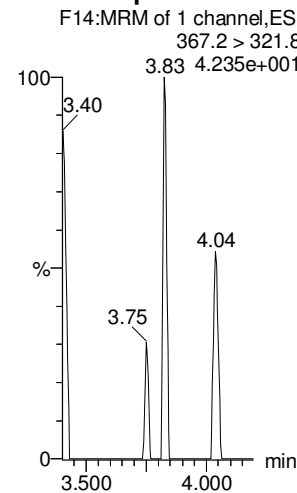
13C3-PFBS



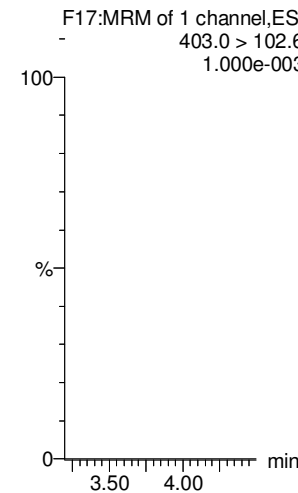
13C2-PFHxA



13C4-PFHpA



18O2-PFHxS



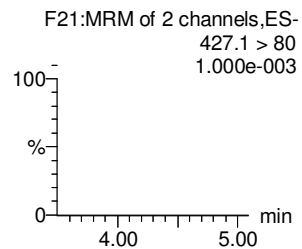
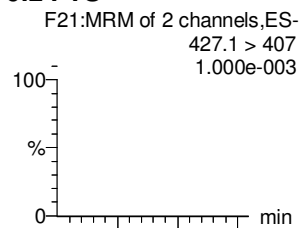
Dataset: U:\Q4.PRO\results\180115M2\180115M2-9.qld

Last Altered: Tuesday, January 16, 2018 13:50:18 Pacific Standard Time

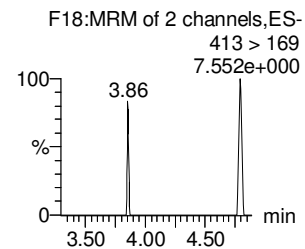
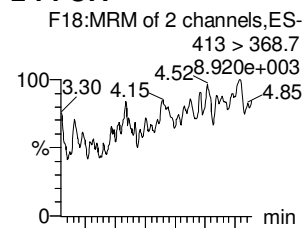
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Name: 180115M2_9, Date: 16-Jan-2018, Time: 01:46:05, ID: IPA, Description: IPA

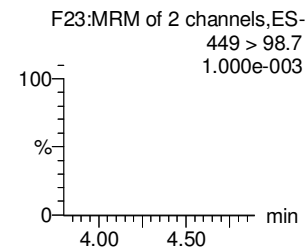
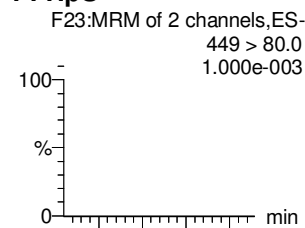
6:2 FTS



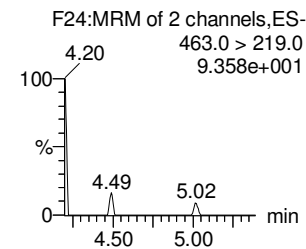
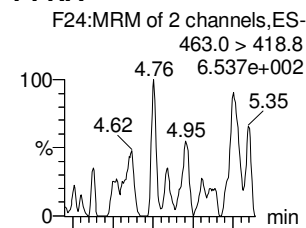
L-PFOA



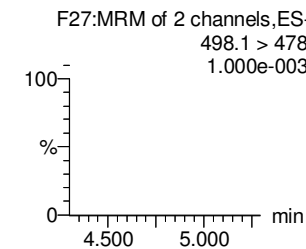
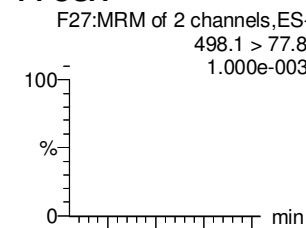
PFHpS



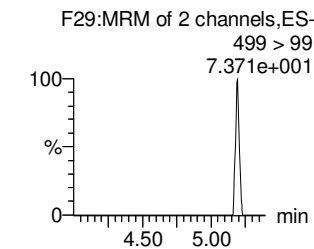
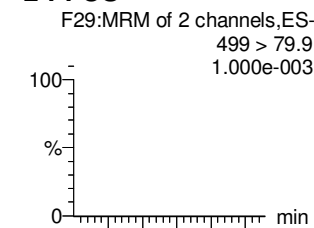
PFNA



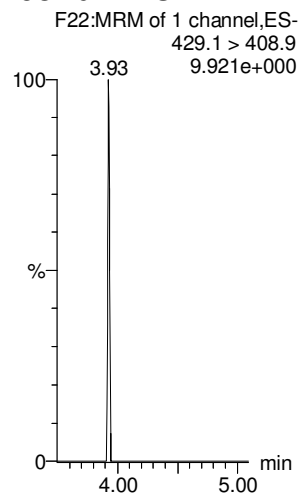
PFOSA



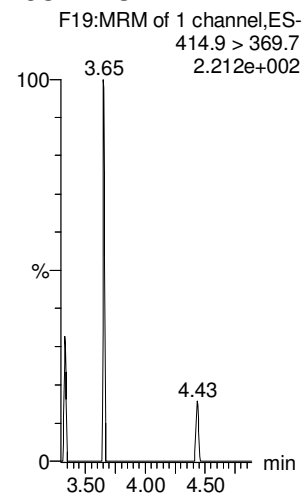
L-PFOS



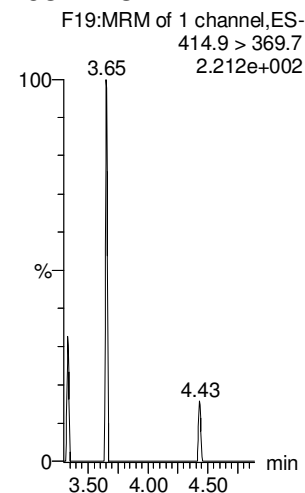
13C2-6:2 FTS



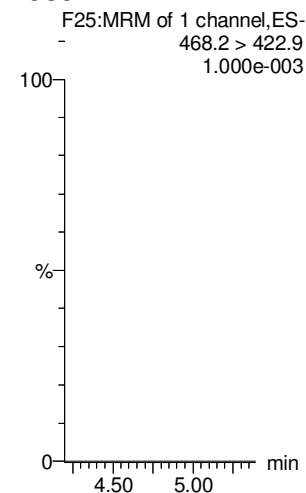
13C2-PFOA



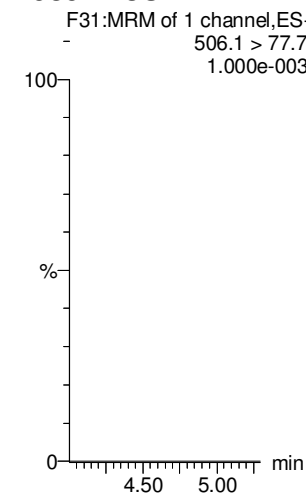
13C2-PFOA



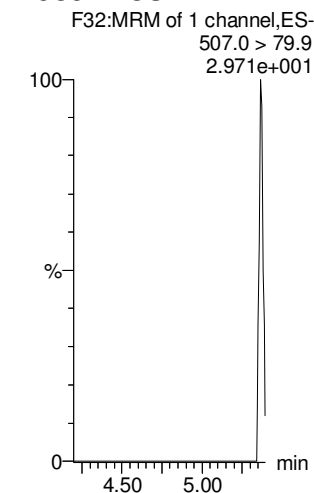
13C5-PFNA



13C8-PFOSA



13C8-PFOS



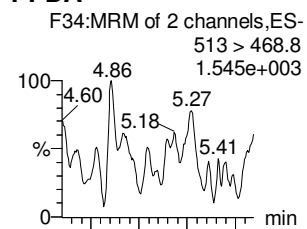
Dataset: U:\Q4.PRO\results\180115M2\180115M2-9.qld

Last Altered: Tuesday, January 16, 2018 13:50:18 Pacific Standard Time

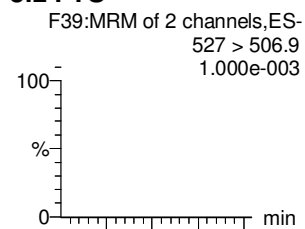
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Name: 180115M2_9, Date: 16-Jan-2018, Time: 01:46:05, ID: IPA, Description: IPA

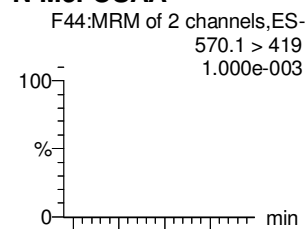
PFDA



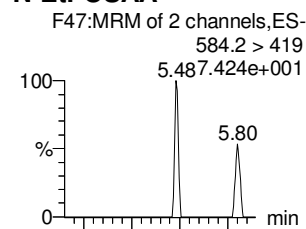
8:2 FTS



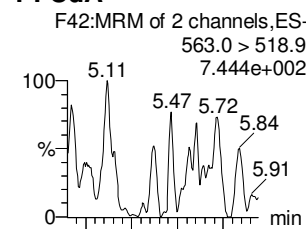
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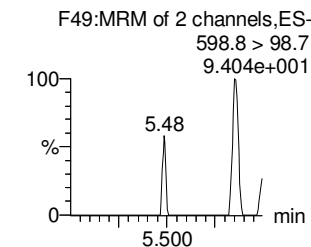
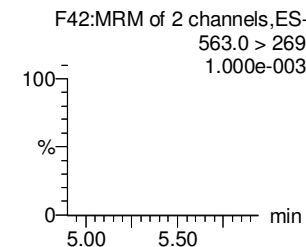
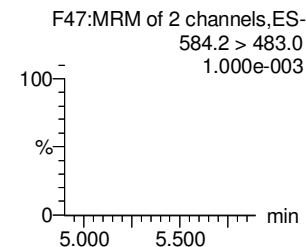
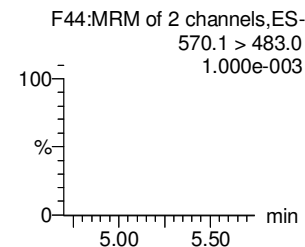
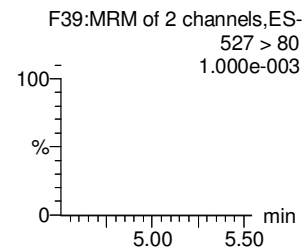
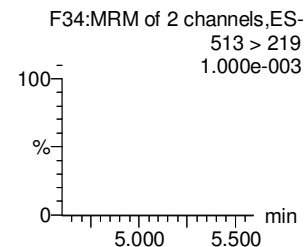
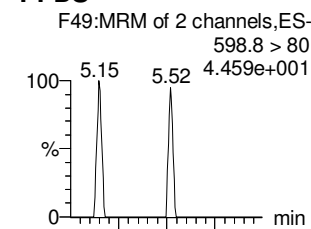
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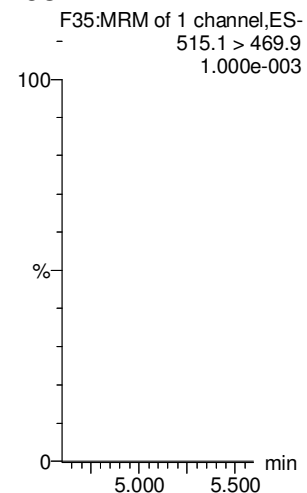
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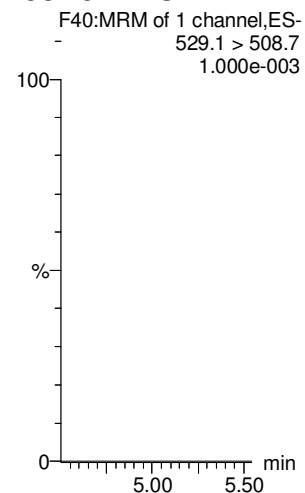
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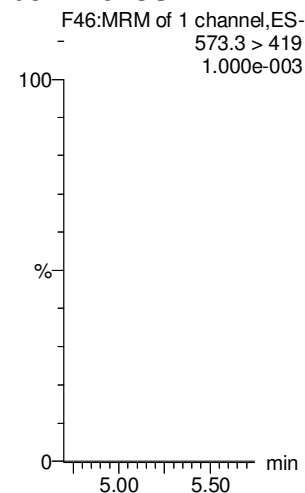
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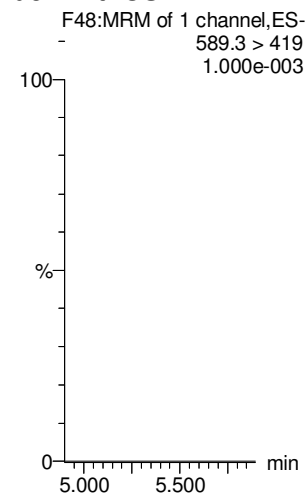
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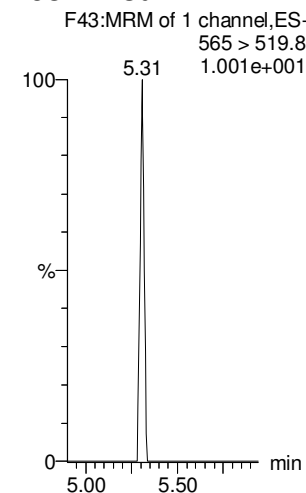
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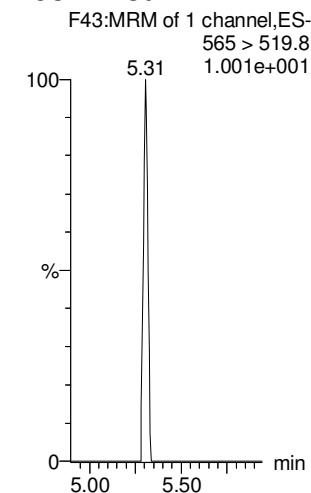
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13C2-PFUdA



13C2-PFUdA



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PFDaA

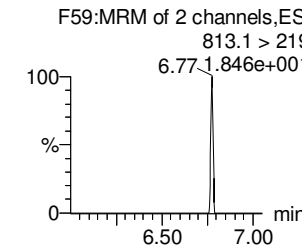
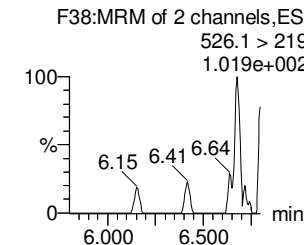
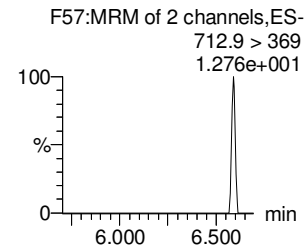
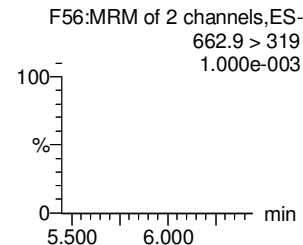
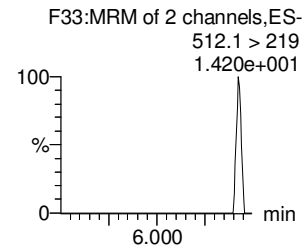
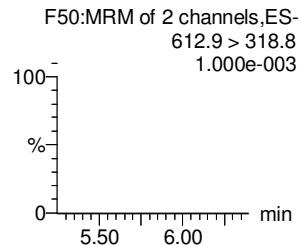
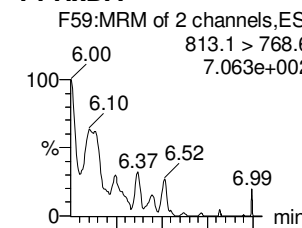
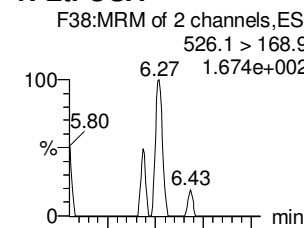
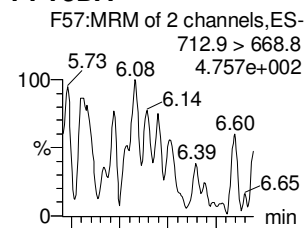
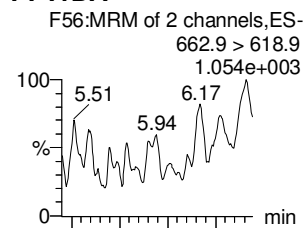
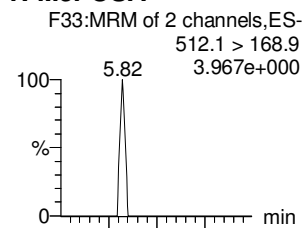
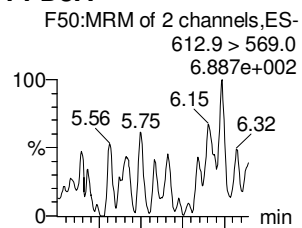
N-MeFOSA

PFTrDA

PFTeDA

N-EtFOSA

PFHxDA



13C2-PFDaA

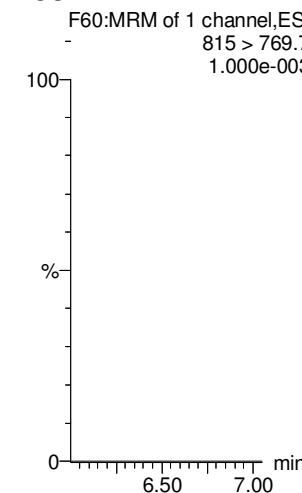
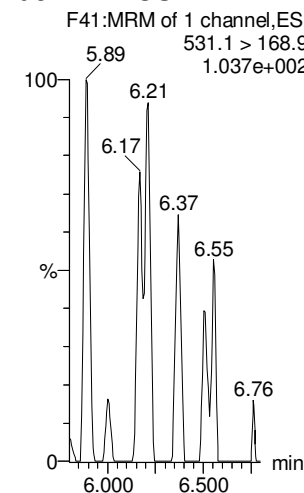
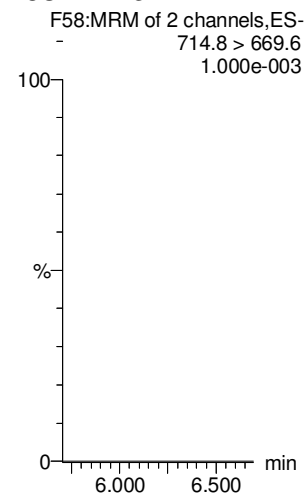
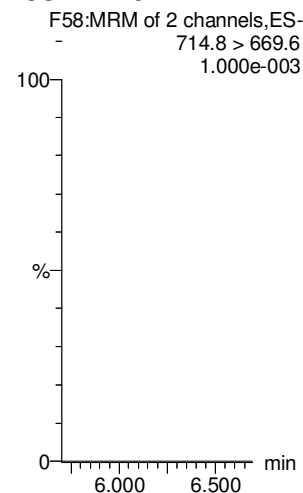
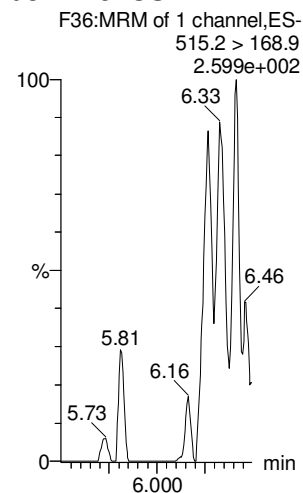
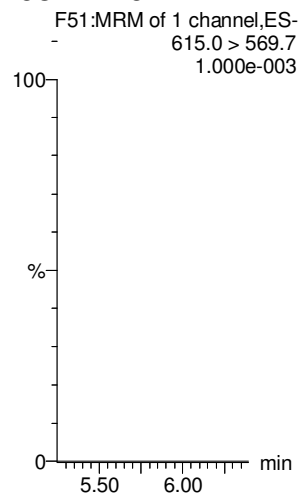
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13C2-PFTeDA

13C2-PFTeDA

d5-N-ETFOSA

13C2-PFHxDA



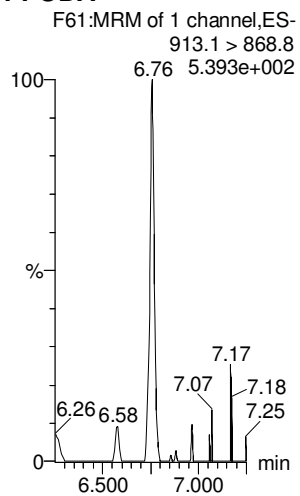
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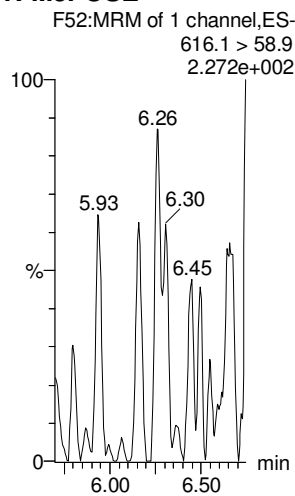
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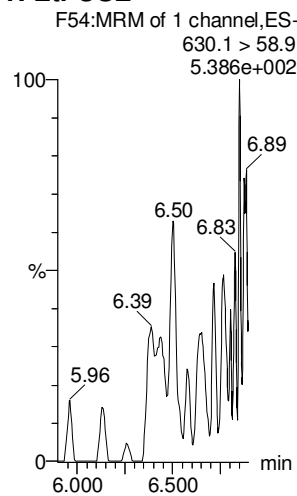
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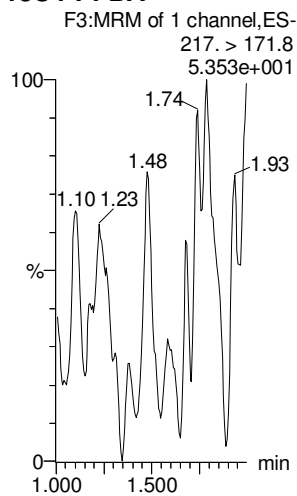
N-MeFOSE



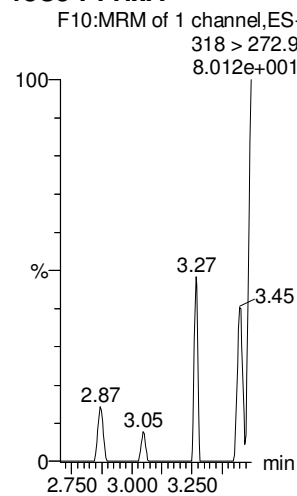
N-EtFOSE



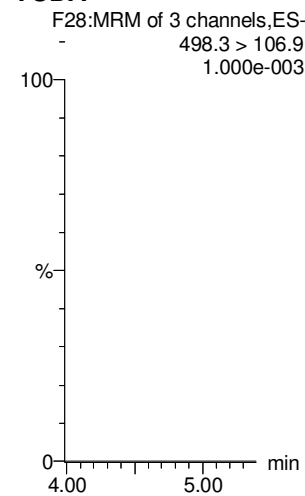
13C4-PFBA



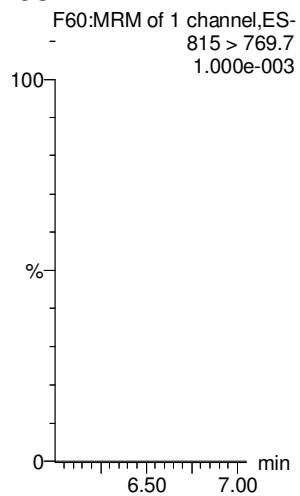
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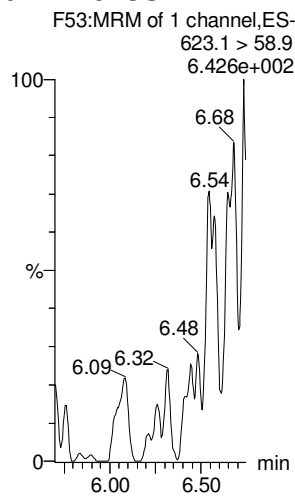
TCDA



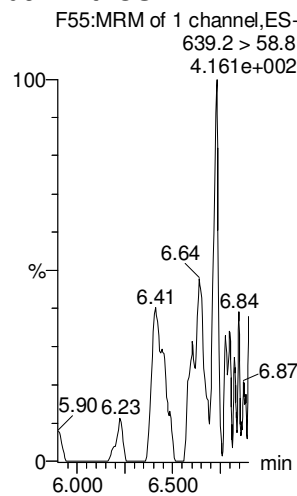
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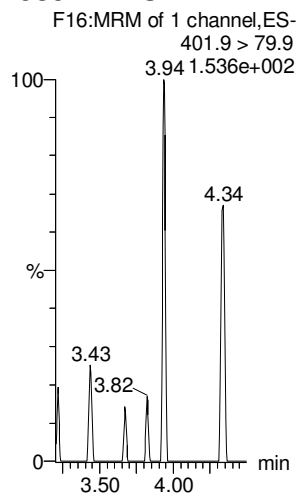
d7-N-MeFOSE



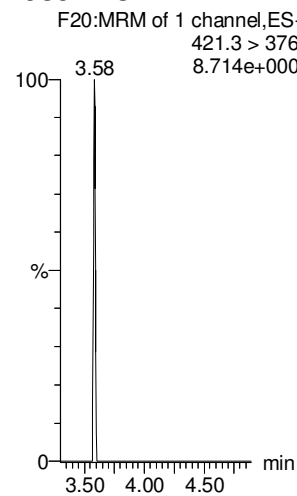
d9-N-EtFOSE



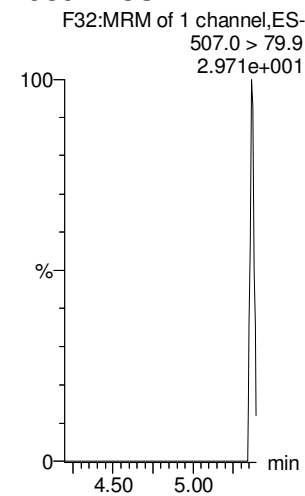
13C3-PFHxS



13C8-PFOA



13C8-PFOS



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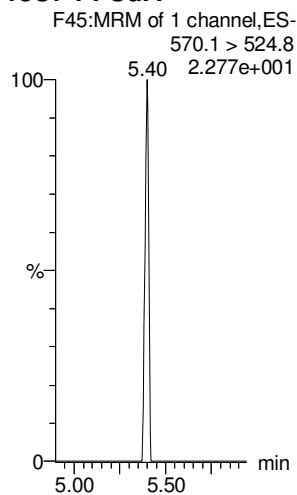
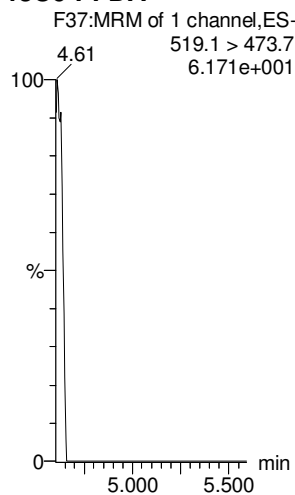
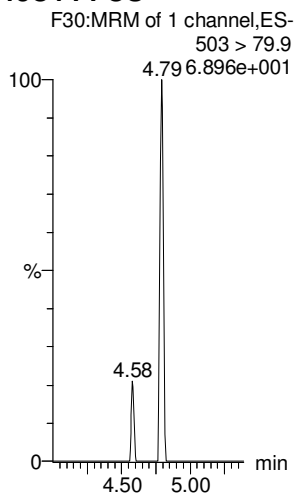
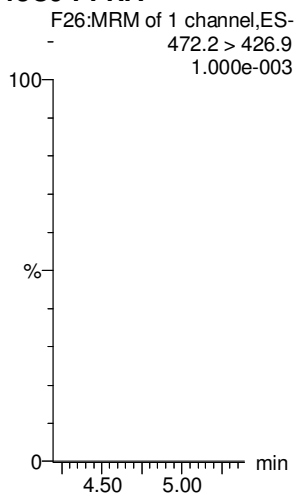
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13C9-PFNA

13C4-PFOS

13C6-PFDA

13C7-PFUdA



**DATA VALIDATION SUMMARY REPORT
NORFOLK NAVAL SHIPYARD, VIRGINIA**

Client: CH2M HILL, Inc., Virginia Beach, Virginia
SDG: 1701852
Laboratory: Vista Analytical Laboratory, El Dorado Hills, California
Site: Norfolk Naval Shipyard, CTO-WE58, OU7, Norfolk, Virginia
Date: March 12, 2018

PFCs			
EDS ID	Client Sample ID	Laboratory Sample ID	Matrix
1	IR03-MW034-C2-17D	1701852-01	Water
2	IR03-MW018B-C1-17D	1701852-02	Water
3	IR03-MW018A-C2-17D	1701852-03	Water

A full data validation was performed on the analytical data for three water samples collected on November 28, 2017 by CH2M HILL at the Norfolk Naval Shipyard site in Norfolk, Virginia. The samples were analyzed under the EPA Method "Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS)".

Specific method references are as follows:

Analysis
PFCs

Method References
USEPA Method 537 Modified

The data have been validated according to the protocols and quality control (QC) requirements of the analytical method, and the U.S. Department of Defense (DoD) Quality Systems Manual (QSM), Version 5.0 (July 2013) and the USEPA National Functional Guidelines for Organic Data Review as follows:

- The USEPA "Contract Laboratories Program National Functional Guidelines for Organic Superfund Methods Data Review," January 2017;
- and the reviewer's professional judgment.

The following data quality indicators were reviewed for this report:

Organics

- Date Completeness, Case Narrative & Custody Documentation
- Holding times
- Liquid Chromatography/Mass Spectrometry (LC/MS) Tuning
- Initial and continuing calibration summaries

- Method blank and field QC blank contamination
- Surrogate Spike recoveries
- Matrix Spike/Matrix Spike Duplicate (MS/MSD) recoveries
- Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD) recoveries
- Internal standard area and retention time summary forms
- Target Compound Identification
- Compound Quantitation
- Field Duplicate sample precision

A full (Level IV) data validation was performed with this review including a recalculation of 10% of the detected results in the samples.

Data Usability Assessment

There were no rejections of data.

Overall the data is acceptable for the intended purposes as qualified for the deficiencies detailed in this report.

Please note that any results qualified (U) due to blank contamination may be then qualified (J) due to another action. Therefore, the results may be qualified (UJ) due to the culmination of the blank contaminations and actions from other exceedances of QC criteria.

Perfluorinated Compounds (PFCs)

Data Completeness, Case Narrative & Custody Documentation

- The case narrative and chain-of-custody documentation were included in the data package as required. All criteria were met.

Holding Times

- All samples were extracted within 14 days for water samples and analyzed within 28 days except for the following.

EDS Sample ID	Date Extracted	Date Analyzed	# Days	Qualifier
1	12/11/17	01/11/18 - 01/16/18	31-36	J/UJ
2	12/11/17	01/16/18	36	J/UJ
3	12/11/17	01/11/18 - 01/16/18	31-36	J/UJ

LC/MS Tuning

- All criteria were met.

Initial Calibration

- All relative standard deviation (%RSD) and/or correlation coefficients criteria were met.

Continuing Calibration

- All percent recovery (%R) and RRF criteria were met except for the following.

CCV ID	Compound	%R	Qualifier	Affected Samples
CCV 01/11/18	PFD _o A	147.8%	None	All Associated ND

Method Blank

- The method blanks were free of contamination.

Field QC Blank

- Field QC samples were free of contamination.

Blank ID	Compound	Conc. ng/L	Qualifier	Affected Samples
IR03-EB01-113017	None - ND	-	-	-

Surrogate Spike Recoveries

- All samples exhibited acceptable surrogate %R values except for the following.

EDS Sample ID	Surrogate	%R	Qualifier	Affected Samples
2	1802-PFHxS	48.9%	None	See HT
3	1802-PFHxS	40.8%	None	See HT

Matrix Spike/Matrix Spike Duplicate (MS/MSD) Recoveries

- The MS/MSD samples were not analyzed.

Laboratory Control Samples

- The LCS samples exhibited acceptable percent recoveries (%R).

Internal Standard (IS) Area Performance

- All internal standards met response and retention time (RT) criteria.

Target Compound Identification

- All mass spectra and quantitation criteria were met.

Compound Quantitation

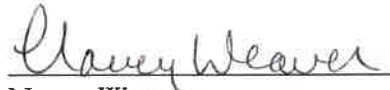
- Several samples were analyzed at various dilutions due to high concentrations of target compounds. The reporting limits were adjusted accordingly. No action was required.
- EDS Sample IDs 2 and 3 exhibited PFOA that exceeded the linear range of the instrument and was flagged (E) by the laboratory. The samples were already analyzed outside of holding times and all results were qualified as estimated. No further qualifications were required.

Field Duplicate Sample Precision

- Field duplicate samples were not collected.

Please contact the undersigned at (757) 564-0090 if you have any questions or need further information.

Signed:



Nancy Weaver
Senior Chemist

Dated: 3/12/18

Data Qualifier	Definition
U	The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit.
J	The analyte is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.
NJ	The analysis has been "tentatively identified" or "presumptively" as present and the associated numerical value is the estimated concentration in the samples.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the samples.

Sample ID: IR03-MW034-C2-17D

Modified EPA Method 537

Client Data		Laboratory Data			
Name: CH2M Hill	Matrix: Groundwater	Lab Sample: 1701852-01	Batch: B7L0064	Extracted: 11-Dec-17	Analyzed: 11-Jan-18 20:11
Project: WE58, OU7 NNSY / 434634	Date Collected: 28-Nov-17 11:20	Date Received: 05-Dec-17 11:15	Column: BEH C18		

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Dilution
PFBS	803	0.840	2.35	3.75		B7L0064	11-Dec-17	0.266 L	1
PFHxA	2400	20.5	47.0	75.1		B7L0064	11-Dec-17	0.266 L	20
PFHpA	473	0.277	2.35	3.75		B7L0064	11-Dec-17	0.266 L	1
PFHxS	4550	8.89	47.0	75.1		B7L0064	11-Dec-17	0.266 L	20
PFOA	6370	6.11	47.0	75.1		B7L0064	11-Dec-17	0.266 L	20
PFOS	5700	7.57	47.0	75.1		B7L0064	11-Dec-17	0.266 L	20
PFNA	34.4	0.380	2.35	3.75		B7L0064	11-Dec-17	0.266 L	1
PFDA		0.699	2.35	3.75		B7L0064	11-Dec-17	0.266 L	1
MeFOSAA		0.774	2.35	3.75		B7L0064	11-Dec-17	0.266 L	1
PFUnA		0.493	2.35	3.75		B7L0064	11-Dec-17	0.266 L	1
EtFOSAA		0.643	2.35	3.75		B7L0064	11-Dec-17	0.266 L	1
PFDoA		0.372	2.35	3.75		B7L0064	11-Dec-17	0.266 L	1
PFTeDA		0.232	2.35	3.75		B7L0064	11-Dec-17	0.266 L	1
PFTeDA		0.354	2.35	3.75		B7L0064	11-Dec-17	0.266 L	1

Labeled Standards	Type	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Dilution
13C3-PFBS	IS	139	50 - 150		B7L0064	11-Dec-17	0.266 L	1
13C2-PFHxA	IS	120	50 - 150		B7L0064	11-Dec-17	0.266 L	20
13C4-PFHpA	IS	117	50 - 150		B7L0064	11-Dec-17	0.266 L	1
18O2-PFHxS	IS	129	50 - 150		B7L0064	11-Dec-17	0.266 L	20
13C2-PFOA	IS	107	50 - 150		B7L0064	11-Dec-17	0.266 L	20
13C8-PFOS	IS	137	50 - 150		B7L0064	11-Dec-17	0.266 L	20
13C5-PFNA	IS	85.2	50 - 150		B7L0064	11-Dec-17	0.266 L	1
13C2-PFDA	IS	81.9	50 - 150		B7L0064	11-Dec-17	0.266 L	1
d3-MeFOSAA	IS	91.7	50 - 150		B7L0064	11-Dec-17	0.266 L	1
13C2-PFUnA	IS	69.9	50 - 150		B7L0064	11-Dec-17	0.266 L	1
d5-EtFOSAA	IS	92.3	50 - 150		B7L0064	11-Dec-17	0.266 L	1
13C2-PFDoA	IS	89.6	50 - 150		B7L0064	11-Dec-17	0.266 L	1
13C2-PFTeDA	IS	93.6	50 - 150		B7L0064	11-Dec-17	0.266 L	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.

new 3181.8

Sample ID: IR03-MW018B-C1-17D

Modified EPA Method 537

Client Data		Laboratory Data								
Name:	CH2M Hill	Lab Sample:	1701852-02	Column:	BEH C18					
Project:	WE58, OU7 NNSY / 434634	Date Received:	05-Dec-17 11:15							
	Matrix: Groundwater									
	Date Collected: 28-Nov-17 10:35									
Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	109	0.875	2.44	3.91		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
PFHxA	193	1.07	2.44	3.91		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
PFHpA	45.8	0.289	2.44	3.91		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
PFHxS	2350	9.25	48.8	78.2		B7L0064	11-Dec-17	0.256 L	16-Jan-18 12:22	20
PFOA	506000	6.36	48.8	78.2		B7L0064	11-Dec-17	0.256 L	16-Jan-18 12:22	20
PFOS	6910	7.89	48.8	78.2		B7L0064	11-Dec-17	0.256 L	16-Jan-18 12:22	20
PFNA	14.3	0.396	2.44	3.91		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
PFDA	2.30	0.728	2.44	3.91		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
MeFOSAA	ND	0.806	2.44	3.91		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
PFUnA	ND	0.513	2.44	3.91		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
EtFOSAA	ND	0.669	2.44	3.91		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
PFDoA	ND	0.387	2.44	3.91		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
PFTrDA	ND	0.241	2.44	3.91		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
PFTeDA	ND	0.369	2.44	3.91		B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1
Labeled Standards	Type	Limits		Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution	
13C3-PFBS	IS	50 - 150			B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1	
13C2-PFHxA	IS	50 - 150			B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1	
13C4-PFHpA	IS	50 - 150			B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1	
18O2-PFHxS	IS	50 - 150			B7L0064	11-Dec-17	0.256 L	16-Jan-18 12:22	20	
13C2-PFOA	IS	50 - 150			B7L0064	11-Dec-17	0.256 L	16-Jan-18 12:22	20	
13C8-PFOS	IS	50 - 150			B7L0064	11-Dec-17	0.256 L	16-Jan-18 12:22	20	
13C5-PFNA	IS	50 - 150			B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1	
13C2-PFDA	IS	50 - 150			B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1	
d3-MeFOSAA	IS	50 - 150			B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1	
13C2-PFUnA	IS	50 - 150			B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1	
d5-EtFOSAA	IS	50 - 150			B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1	
13C2-PFDoA	IS	50 - 150			B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1	
13C2-PFTeDA	IS	50 - 150			B7L0064	11-Dec-17	0.256 L	16-Jan-18 13:08	1	

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

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

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

mw 3181.8

Sample ID: IR03-MW018A-C2-17D

Modified EPA Method 537

Client Data		Laboratory Data	
Name: CH2M Hill	Matrix: Groundwater	Lab Sample: 1701852-03	Column: BEH C18
Project: WE58, OU7 NNSY / 434634	Date Collected: 28-Nov-17 12:15	Date Received: 05-Dec-17 11:15	

Analyte	Conc. (ng/L)	DL	LOD	LOQ	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution
PFBS	329	0.841	2.35	3.76		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
PFHxA	663	1.02	2.35	3.76		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
PFHpA	247	0.278	2.35	3.76		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
PFHxS	6600	17.8	94.0	150		B7L0064	11-Dec-17	0.266 L	16-Jan-18 12:34	40
PFOA	565	0.306	2.35	3.76		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
PFOS	24400	15.2	94.0	150		B7L0064	11-Dec-17	0.266 L	16-Jan-18 12:34	40
PFNA	46.5	0.381	2.35	3.76		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
PFDA	2.28	0.700	2.35	3.76		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
MeFOSAA	NID	0.775	2.35	3.76		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
PfUnA	NID	0.493	2.35	3.76		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
EtFOSAA	NID	0.644	2.35	3.76		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
PFDaA	NID	0.372	2.35	3.76		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
PFTrDA	NID	0.232	2.35	3.76		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
PFTeDA	NID	0.355	2.35	3.76		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1
Labeled Standards	% Recovery	Limits	Qualifiers	Batch	Extracted	Samp Size	Analyzed	Dilution		
13C3-PFBS	128	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1		
13C2-PFHxA	113	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1		
13C4-PFHpA	120	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1		
18O2-PFHxS	40.8	50 - 150		B7L0064	11-Dec-17	0.266 L	16-Jan-18 12:34	40		
13C2-PFOA	101	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1		
13C8-PFOS	51.4	50 - 150		B7L0064	11-Dec-17	0.266 L	16-Jan-18 12:34	40		
13C5-PFNA	93.9	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1		
13C2-PFDA	119	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1		
d3-MeFOSAA	93.7	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1		
13C2-PFUnA	84.8	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1		
d5-EtFOSAA	100	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1		
13C2-PFDaA	79.7	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	1		
13C2-PFTeDA	107	50 - 150		B7L0064	11-Dec-17	0.266 L	11-Jan-18 20:33	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.

new 3181.8

LOCATION_NAME	SITE_NAME	INSTALLATION_ID	LOCATION_TYPE	LOCATION_TYPE_DESC	SDG	COORD_X	COORD_Y	ANALYTICAL_METHOD_GRP_DESC	SAMPLE_NAME	SAMPLE_MATRIX	SAMPLE_MATRIX_DESC	COLLECT_DATE
IR03-MW018A-C2	SITE 00003	NORFOLK_NSY_PO RTS_VA	WLM	Monitoring well	1701852	12125354.8	3459868.3	Perfluoroalkyl Compounds	IR03-MW018A-C2-17D	WG	Ground water	28-Nov-17
IR03-MW018B-C1	SITE 00003	NORFOLK_NSY_PO RTS_VA	WLM	Monitoring well	1701852	12125113.6	3459539.3	Perfluoroalkyl Compounds	IR03-MW018B-C1-17D	WG	Ground water	28-Nov-17
IR03-MW018A-C2	SITE 00003	NORFOLK_NSY_PO RTS_VA	WLM	Monitoring well	1701852	12125354.8	3459868.3	Perfluoroalkyl Compounds	IR03-MW018A-C2-17D	WG	Ground water	28-Nov-17
IR03-MW018A-C2	SITE 00003	NORFOLK_NSY_PO RTS_VA	WLM	Monitoring well	1701852	12125354.8	3459868.3	Perfluoroalkyl Compounds	IR03-MW018A-C2-17D	WG	Ground water	28-Nov-17
IR03-MW034-C2	SITE 00003	NORFOLK_NSY_PO RTS_VA	WLM	Monitoring well	1701852	12126126.8	3459740.9	Perfluoroalkyl Compounds	IR03-MW034-C2-17D	WG	Ground water	28-Nov-17
IR03-MW018B-C1	SITE 00003	NORFOLK_NSY_PO RTS_VA	WLM	Monitoring well	1701852	12125113.6	3459539.3	Perfluoroalkyl Compounds	IR03-MW018B-C1-17D	WG	Ground water	28-Nov-17
IR03-MW018B-C1	SITE 00003	NORFOLK_NSY_PO RTS_VA	WLM	Monitoring well	1701852	12125113.6	3459539.3	Perfluoroalkyl Compounds	IR03-MW018B-C1-17D	WG	Ground water	28-Nov-17
IR03-MW018A-C2	SITE 00003	NORFOLK_NSY_PO RTS_VA	WLM	Monitoring well	1701852	12125354.8	3459868.3	Perfluoroalkyl Compounds	IR03-MW018A-C2-17D	WG	Ground water	28-Nov-17
IR03-MW018A-C2	SITE 00003	NORFOLK_NSY_PO RTS_VA	WLM	Monitoring well	1701852	12125354.8	3459868.3	Perfluoroalkyl Compounds	IR03-MW018A-C2-17D	WG	Ground water	28-Nov-17
IR03-MW018A-C2	SITE 00003	NORFOLK_NSY_PO RTS_VA	WLM	Monitoring well	1701852	12125354.8	3459868.3	Perfluoroalkyl Compounds	IR03-MW018A-C2-17D	WG	Ground water	28-Nov-17
IR03-MW034-C2	SITE 00003	NORFOLK_NSY_PO RTS_VA	WLM	Monitoring well	1701852	12126126.8	3459740.9	Perfluoroalkyl Compounds	IR03-MW034-C2-17D	WG	Ground water	28-Nov-17
IR03-MW018B-C1	SITE 00003	NORFOLK_NSY_PO RTS_VA	WLM	Monitoring well	1701852	12125113.6	3459539.3	Perfluoroalkyl Compounds	IR03-MW018B-C1-17D	WG	Ground water	28-Nov-17
IR03-MW018A-C2	SITE 00003	NORFOLK_NSY_PO RTS_VA	WLM	Monitoring well	1701852	12125354.8	3459868.3	Perfluoroalkyl Compounds	IR03-MW018A-C2-17D	WG	Ground water	28-Nov-17
IR03-MW018B-C1	SITE 00003	NORFOLK_NSY_PO RTS_VA	WLM	Monitoring well	1701852	12125113.6	3459539.3	Perfluoroalkyl Compounds	IR03-MW018B-C1-17D	WG	Ground water	28-Nov-17
IR03-MW018A-C2	SITE 00003	NORFOLK_NSY_PO RTS_VA	WLM	Monitoring well	1701852	12125354.8	3459868.3	Perfluoroalkyl Compounds	IR03-MW018A-C2-17D	WG	Ground water	28-Nov-17
IR03-MW018B-C1	SITE 00003	NORFOLK_NSY_PO RTS_VA	WLM	Monitoring well	1701852	12125113.6	3459539.3	Perfluoroalkyl Compounds	IR03-MW018B-C1-17D	WG	Ground water	28-Nov-17
IR03-MW018A-C2	SITE 00003	NORFOLK_NSY_PO RTS_VA	WLM	Monitoring well	1701852	12125354.8	3459868.3	Perfluoroalkyl Compounds	IR03-MW018A-C2-17D	WG	Ground water	28-Nov-17
IR03-MW034-C2	SITE 00003	NORFOLK_NSY_PO RTS_VA	WLM	Monitoring well	1701852	12126126.8	3459740.9	Perfluoroalkyl Compounds	IR03-MW034-C2-17D	WG	Ground water	28-Nov-17
IR03-MW034-C2	SITE 00003	NORFOLK_NSY_PO RTS_VA	WLM	Monitoring well	1701852	12126126.8	3459740.9	Perfluoroalkyl Compounds	IR03-MW034-C2-17D	WG	Ground water	28-Nov-17