Created with Analyst Reporter
Printed: 19/02/2010 11:59:00 AM

Columbia Analytical Services

Project	Ewan's Projects\PFCs
Data File	021710\SamplesLong.wiff
Result Table	021710long.rdb
Instrument Name	API 5000

Sample Name	K1001011-011	**Injection Volume**	5
Acquisition Date	2/17/2010 9:24:11 PM	**Sample Type**	Unknown
Acquisition Method	PFCkinetexLong.dam	**Dilution Factor**	1.00
Injection Vial	35	**Weight to Volume**	0.00

Results Summary

Analyte Peak Name	IS Name	IS Area	Analyte RT (Exp RT)	Analyte Area	Calc. Conc (ng/mL)	Modified?
PFOA 1	13C-PFOA	4402000	1.20 (1.36)	72531	0.353	No
PFNA 1	13C-PFNA	2990900	1.95 (2.06)	29905	0.126	No
PFOS 1	13C-PFOS	9639100	2.00 (2.09)	327310	0.333	No
PFDA 1	13C-PFDA	2911800	3.02 (3.06)	62698	0.200	No
PFUnA 1	13C-PFUnA	179780	3.83 (3.88)	65497	0.316	No
PFDS 1	13C-PFOS	9639100	3.83 (3.87)	145900	0.149	No
PFDoA 1	13C-PFDoA	292280	4.48 (4.55)	41799	0.244	No
PFTrA 1	13C-PFDoA	292280	5.03 (5.06)	25222	0.051	No
PFTeA 1	13C-PFDoA	292280	5.47 (5.51)	13536	0.079	No

ETS
2/19/10

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IRC Summary

Analyte Peak Name	RT (Exp RT)	Area	Modified?	Calc (Exp) MRM Ratio	Ratio Confirms ID
PFOA 2	1.19 (1.36)	109810	No	1.51 (2.16)	No
S_13C_PFOA	1.20 (1.36)	4402000	No	60.69 (43.19)	No
PFNA 2	1.97 (2.08)	10051	No	0.34 (0.34)	YES
S_13C_PFNA	0.00 (2.44)	0	No	0.00 (0.00)	No
PFOS 2	2.00 (2.12)	102740	No	0.31 (0.32)	YES
S_13C-PFOS	1.99 (2.00)	9639100	No	29.45 (21.71)	No
PFDA 2	3.01 (3.06)	9569	No	0.15 (0.14)	YES
S_13C-PFDA	3.01 (3.04)	2911800	No	46.44 (17.53)	No
PFUnA 2	3.83 (3.88)	13652	No	0.21 (0.19)	YES
S_13C-PFUnA	3.83 (3.88)	179780	No	2.74 (1.60)	No
PFDS 2	3.83 (3.87)	44124	No	0.30 (0.32)	YES
PFDoA 2	4.48 (4.53)	12778	No	0.31 (0.28)	YES
S_13C-PFDoA	4.48 (4.64)	292280	No	6.99 (3.71)	No
PFTrA 2	5.00 (5.13)	6011	No	0.24 (0.34)	No
PFTeA 2	5.47 (5.56)	3984	No	0.29 (0.29)	YES

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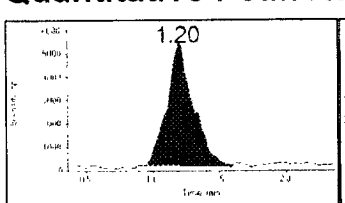
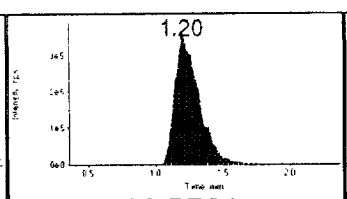
Quantitative Peak Review

K1001011-011



PFOA 1
413.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



13C-PFOA
417.0/372.0 Da
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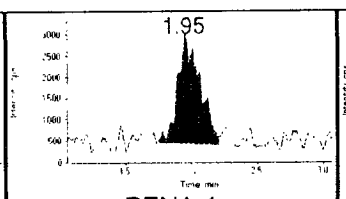
☐ Wrong Peak



PFNA 1
463.0/419.0 Da
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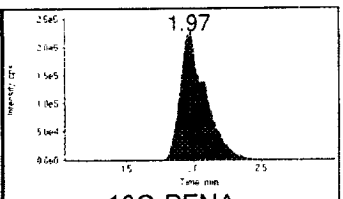
☐ Wrong Peak



13C-PFNA
468.0/423.0 Da
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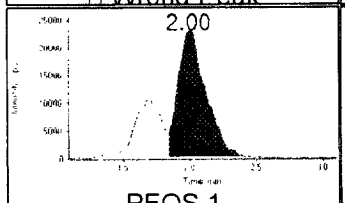

PFOS 1
499.0/80.0 Da
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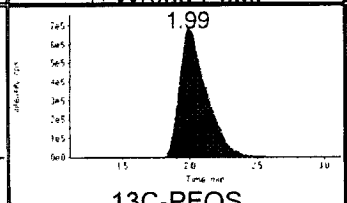
☐ Wrong Peak



13C-PFOS
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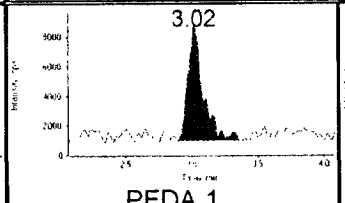
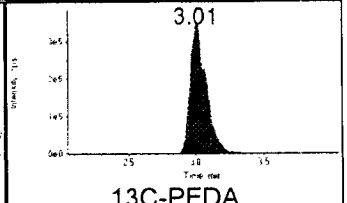
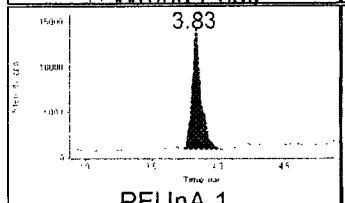
☐ Wrong Peak



PFDA 1
513.0/469.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



13C-PFDA
515.0/470.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFUnA 1
563.0/519.0 Da
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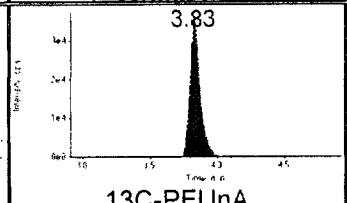
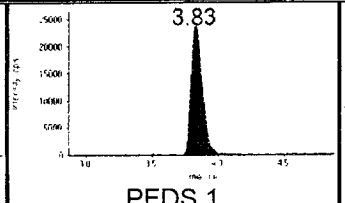
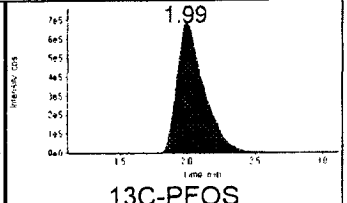
☐ Wrong Peak



13C-PFUnA
565.0/270.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFDS 1
599.0/80.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



13C-PFOS
503.0/80.0 Da
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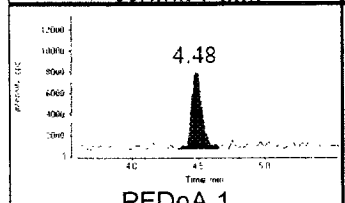
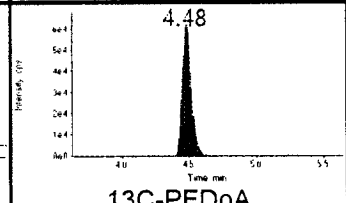
☐ Wrong Peak



PFDoA 1
613.0/569.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



13C-PFDoA
615.0/169.0 Da
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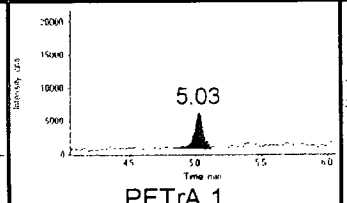
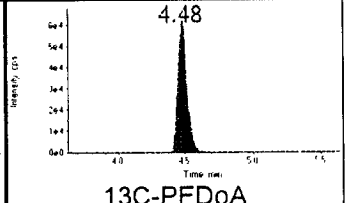
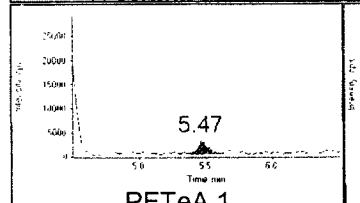
☐ Wrong Peak



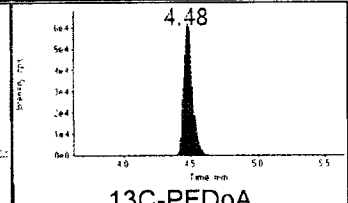
PFTrA 1
663.0/619.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



13C-PFDoA
615.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFTeA 1
713.0/669.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



13C-PFDoA
615.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak

☐ Before ☐ After

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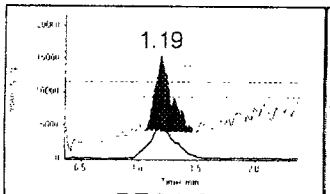
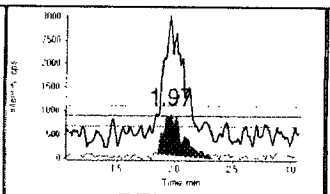
Ion Ratio Confirmation

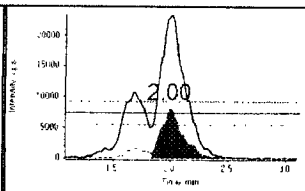
K1001011-011



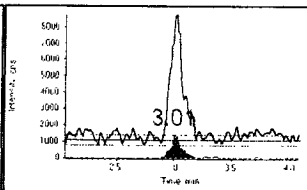
PFOA 2
413.0/369.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



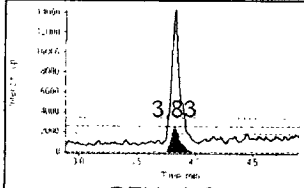
PFNA 2
463.0/219.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



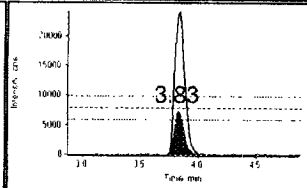
PFOS 2
499.0/99.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



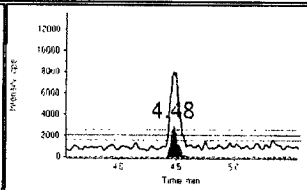
PFDA 2
513.0/269.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



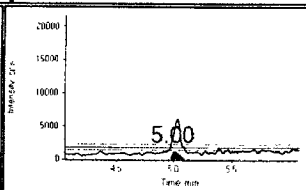
PFUnA 2
563.0/269.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



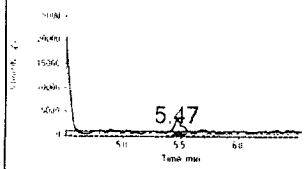
PFDS 2
599.0/99.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFDoA 2
613.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFTrA 2
663.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFTeA 2
713.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak

☐ Before ☐ After

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Printed: 18/02/2010 4:02:00 PM

Columbia Analytical Services

Project	Ewan's Projects\PFCs
Data File	021710\SamplesShort.wiff
Result Table	021710short.rdb
Instrument Name	API 5000

Sample Name	K1001011-011	**Injection Volume**	5
Acquisition Date	2/18/2010 3:44:48 AM	**Sample Type**	Unknown
Acquisition Method	PFCkinetexShort.dam	**Dilution Factor**	1.00
Injection Vial	35	**Weight to Volume**	0.00

Results Summary

Analyte Peak Name	IS Name	IS Area	Analyte RT (Exp RT)	Analyte Area	Calc. Conc (ng/mL)	Modified?
PFBA 1	13C-PFBA	4936200	1.23 (1.27)	62748	0.06	No
PFPeA 1	13C-PFHxA	6228800	3.54 (3.60)	58471	0.09	No
PFBS 1	18O-PFHS	4224000	4.20 (4.26)	43647	0.05	No
PFHxA 1	13C-PFHxA	6228800	5.25 (5.31)	98948	0.10	No
PFHpA 1	13C-PFHxA	6228800	6.17 (6.23)	25009	0.06	No
PFHxS 1	18O-PFHS	4224000	6.26 (6.32)	181990	0.12	No
S_18O-PFHS	13C-PFDA	4655500	6.26 (6.31)	4224000	1.12	No
S_13C-PFDA	13C-PFDA	4655500	7.57 (7.65)	4655500	1.00	No

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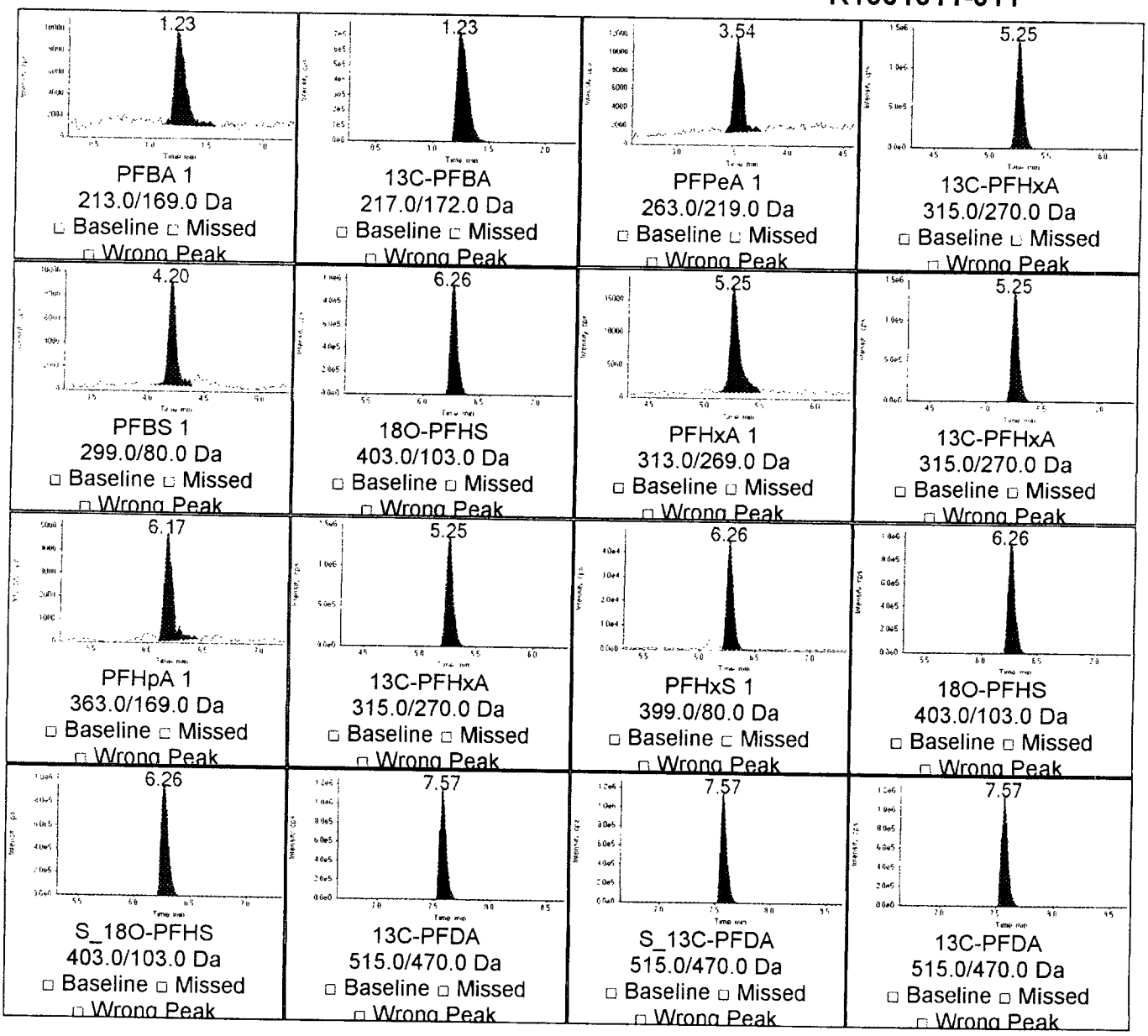
IRC Summary

Analyte Peak Name	RT (Exp RT)	Area	Modified?	Calc (Exp) MRM Ratio	Ratio Confirms ID
PFBA 2	1.23 (1.27)	62748	No	1.00 (1.00)	YES
PFPeA 2	3.54 (3.60)	58471	No	1.00 (1.00)	YES
PFBS 2	4.21 (4.26)	14931	No	0.34 (0.40)	YES
PFHxA 2	5.25 (5.31)	10999	No	0.11 (0.10)	YES
PFHpA 2	6.17 (6.22)	75442	No	3.02 (2.90)	YES
PFHxS 2	6.25 (6.32)	68381	No	0.38 (0.40)	YES
S_13C-PFBA	1.23 (1.26)	4936200	No	78.67 (13.20)	No
S_13C-PFHxA	5.25 (5.30)	6228800	No	62.95 (13.71)	No

Columbia Analytical Services

Quantitative Peak Review

K1001011-011

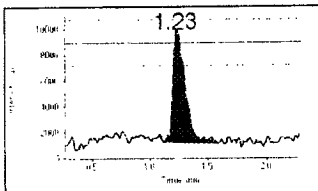


☐ Before ☐ After

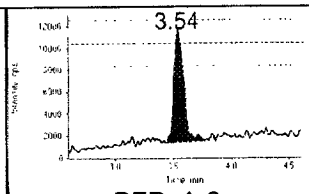
Columbia Analytical Services

Ion Ratio Confirmation

K1001011-011



PFBA 2
213.0/169.0 Da
□ Baseline □ Missed
□ Wrong Peak



PFPeA 2
263.0/219.0 Da
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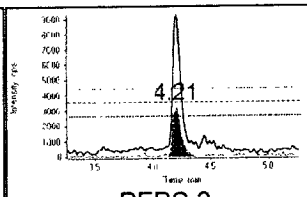
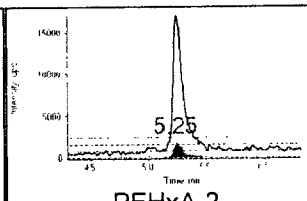
□ Wrong Peak



PFBS 2
299.0/99.0 Da
□ Baseline □ Missed
□ Wrong Peak



PFHxA 2
313.0/119.0 Da
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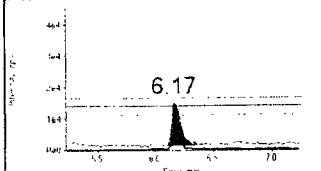
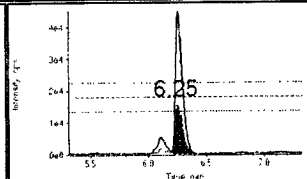
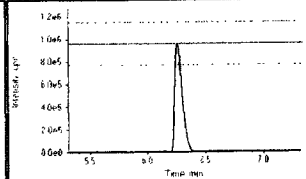
□ Wrong Peak



PFHpA 2
363.0/319.0 Da
□ Baseline □ Missed
□ Wrong Peak



PFHxS 2
399.0/99.0 Da
□ Baseline □ Missed
□ Wrong Peak



S_13C-PFDA
515.0/470.0 Da
□ Baseline □ Missed
□ Wrong Peak

This image is not available

N/A

□ Baseline □ Missed
□ Wrong Peak

NB. PFBA and PFPeA do not have qualifying ion transitions.

☐ Before ☐ After

Columbia Analytical Services

Project	Ewan's Projects\PFCs
Data File	021710\SamplesLong.wiff
Result Table	021710long.rdb
Instrument Name	API 5000

Sample Name	K1001011-012	**Injection Volume**	5
Acquisition Date	2/17/2010 9:31:46 PM	**Sample Type**	Unknown
Acquisition Method	PFCkinetexLong.dam	**Dilution Factor**	1.00
Injection Vial	36	**Weight to Volume**	0.00

Results Summary

Analyte Peak Name	IS Name	IS Area	Analyte RT (Exp RT)	Analyte Area	Calc. Conc (ng/mL)	Modified?
PFOA 1	13C-PFOA	3936000	1.24 (1.36)	77183	0.415	No
PFNA 1	13C-PFNA	2665500	2.02 (2.06)	9569	0.067	No
PFOS 1	13C-PFOS	6965900	2.04 (2.09)	163210	0.234	No
PFDA 1	13C-PFDA	3291800	3.06 (3.06)	35834	0.097	No
PFUnA 1	13C-PFUnA	114850	3.84 (3.88)	24270	0.170	No
PFDS 1	13C-PFOS	6965900	3.85 (3.87)	24210	0.050	No
PFDoA 1	13C-PFDoA	197910	4.50 (4.55)	10030	0.091	No
PFTrA 1	13C-PFDoA	197910	5.02 (5.06)	7470	N/A	No
PFTeA 1	13C-PFDoA	197910	5.44 (5.51)	4021	N/A	No

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2/19/10

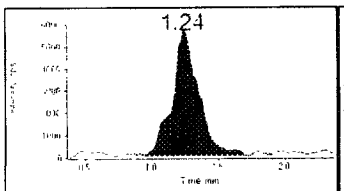
IRC Summary

Analyte Peak Name	RT (Exp RT)	Area	Modified?	Calc (Exp) MRM Ratio	Ratio Confirms ID
PFOA 2	1.26 (1.36)	118180	No	1.53 (2.16)	No
S_13C_PFOA	1.23 (1.36)	3936000	No	51.00 (43.19)	YES
PFNA 2	2.04 (2.08)	2270	No	0.24 (0.34)	No
S_13C_PFNA	0.00 (2.44)	0	No	0.00 (0.00)	No
PFOS 2	2.04 (2.12)	54004	No	0.33 (0.32)	YES
S_13C-PFOS	2.04 (2.00)	6965900	No	42.68 (21.71)	No
PFDA 2	3.03 (3.06)	1631	No	0.05 (0.14)	No
S_13C-PFDA	3.03 (3.04)	3291800	No	91.86 (17.53)	No
PFUnA 2	3.87 (3.88)	5754	No	0.24 (0.19)	YES
S_13C-PFUnA	3.84 (3.88)	114850	No	4.73 (1.60)	No
PFDS 2	3.84 (3.87)	8142	No	0.34 (0.32)	YES
PFDoA 2	0.00 (4.53)	0	No	0.00 (0.28)	No
S_13C-PFDoA	4.49 (4.64)	197910	No	19.73 (3.71)	No
PFTrA 2	5.04 (5.13)	481	No	0.06 (0.34)	No
PFTeA 2	5.52 (5.56)	209	No	0.05 (0.29)	No

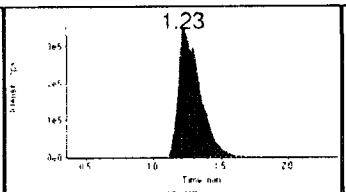
Columbia Analytical Services

Quantitative Peak Review

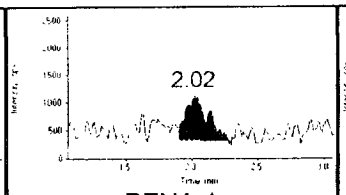
K1001011-012



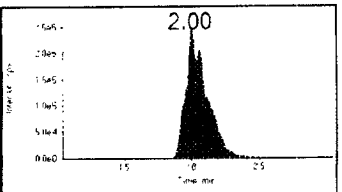
PFOA 1
413.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



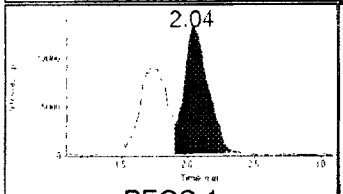
13C-PFOA
417.0/372.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



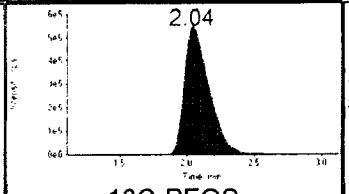
PFNA 1
463.0/419.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



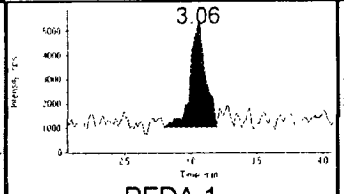
13C-PFNA
468.0/423.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



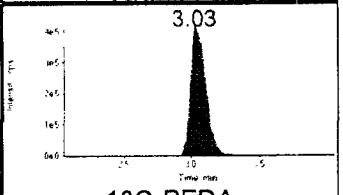
PFOS 1
499.0/80.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



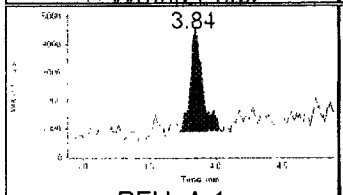
13C-PFOS
503.0/80.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



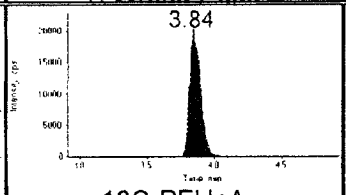
PFDA 1
513.0/469.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



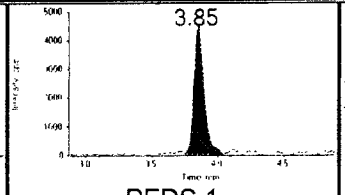
13C-PFDA
515.0/470.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



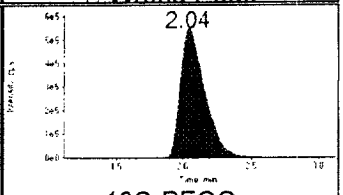
PFUnA 1
563.0/519.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



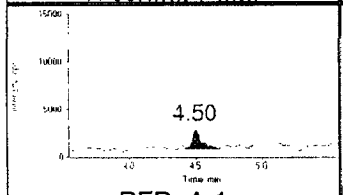
13C-PFUnA
565.0/270.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



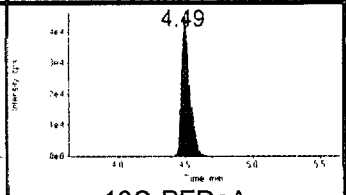
PFDS 1
599.0/80.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



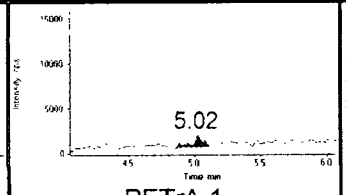
13C-PFOS
503.0/80.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



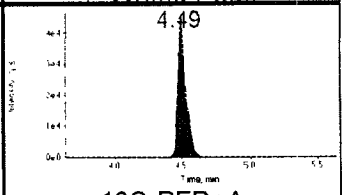
PFDoA 1
613.0/569.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



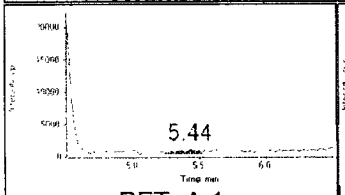
13C-PFDoA
615.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



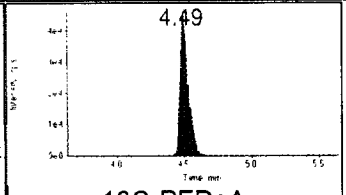
PFTrA 1
663.0/619.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



13C-PFDoA
615.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFTeA 1
713.0/669.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



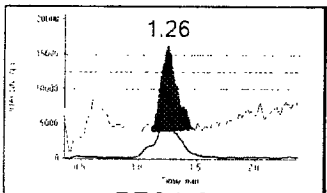
13C-PFDoA
615.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak

☐ Before ☐ After

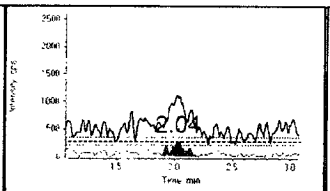
Columbia Analytical Services

Ion Ratio Confirmation

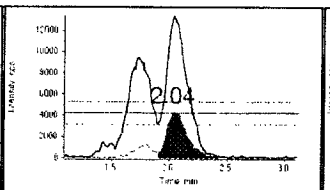
K1001011-012



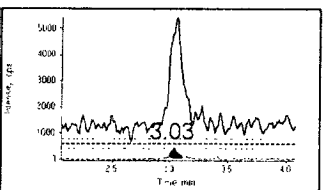
PFOA 2
413.0/369.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



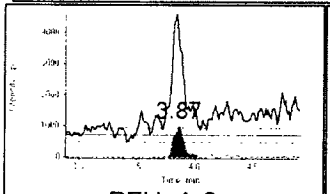
PFNA 2
463.0/219.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



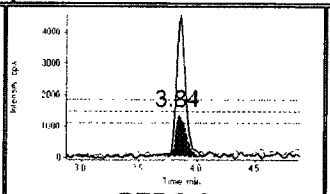
PFOS 2
499.0/99.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



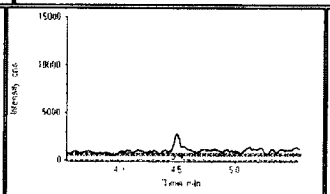
PFDA 2
513.0/269.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



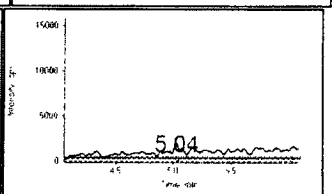
PFUnA 2
563.0/269.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



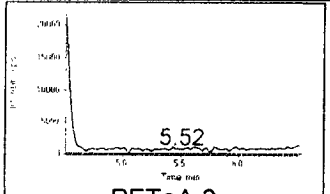
PFDS 2
599.0/99.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFDoA 2
613.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFTrA 2
663.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFTeA 2
713.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak

☐ Before ☐ After

Columbia Analytical Services

Project	Ewan's Projects\PFCs
Data File	021710\SamplesShort.wiff
Result Table	021710short.rdb
Instrument Name	API 5000

Sample Name	K1001011-012	**Injection Volume**	5
Acquisition Date	2/18/2010 3:54:23 AM	**Sample Type**	Unknown
Acquisition Method	PFCkinetexShort.dam	**Dilution Factor**	1.00
Injection Vial	36	**Weight to Volume**	0.00

Results Summary

Analyte Peak Name	IS Name	IS Area	Analyte RT (Exp RT)	Analyte Area	Calc. Conc (ng/mL)	Modified?
PFBA 1	13C-PFBA	4296800	1.25 (1.27)	58253	0.07	No
PFPeA 1	13C-PFHxA	5807500	3.54 (3.60)	67689	0.11	No
PFBS 1	18O-PFHS	3897700	4.20 (4.26)	76854	0.08	No
PFHxA 1	13C-PFHxA	5807500	5.25 (5.31)	116660	0.14	No
PFHpA 1	13C-PFHxA	5807500	6.17 (6.23)	26744	0.07	No
PFHxS 1	18O-PFHS	3897700	6.26 (6.32)	181830	0.13	No
S_18O-PFHS	13C-PFDA	4425000	6.26 (6.31)	3897700	1.09	No
S_13C-PFDA	13C-PFDA	4425000	7.56 (7.65)	4425000	1.00	No

A 2/19/10

E-T-S
2/18/10

Columbia Analytical Services

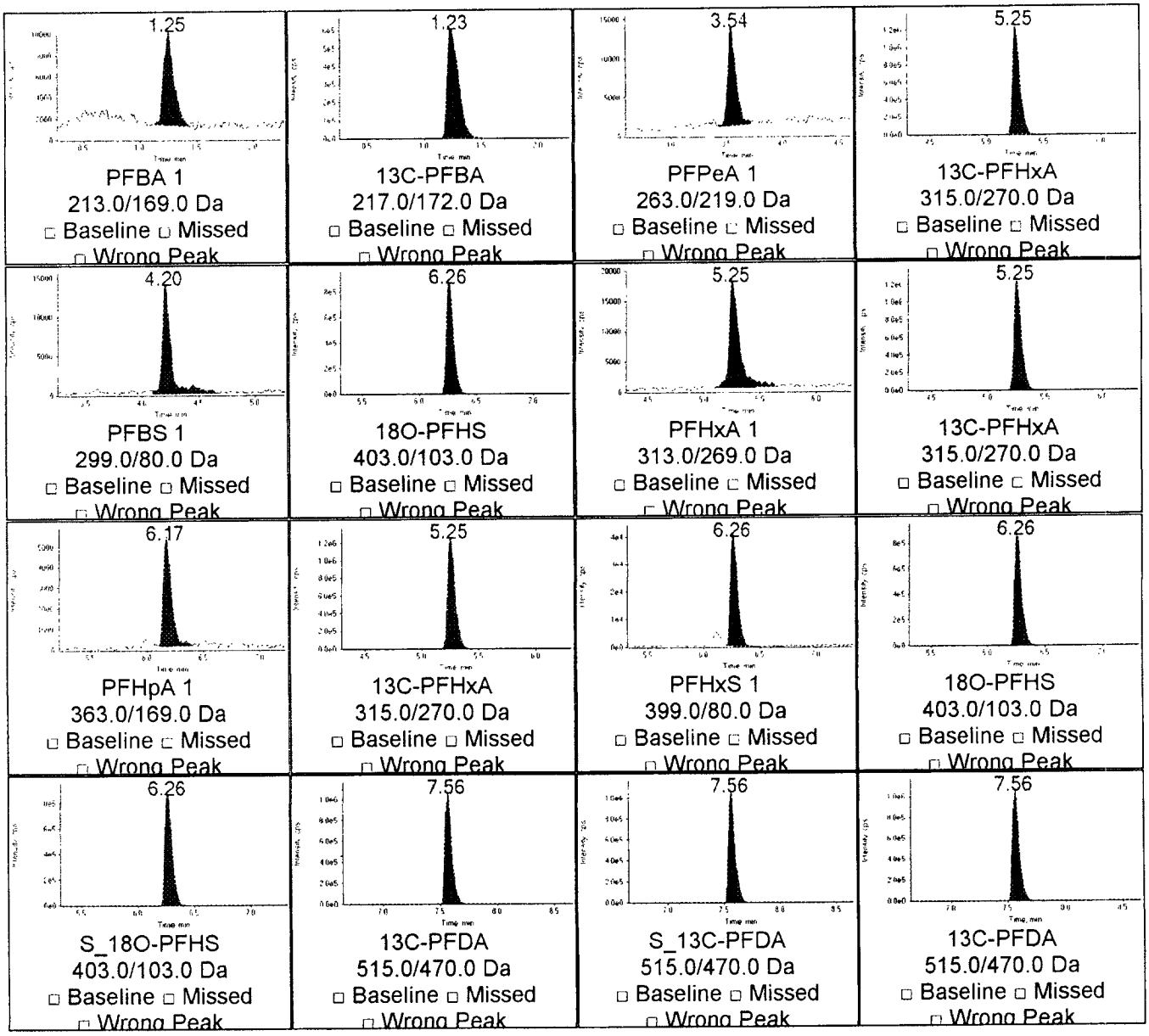
IRC Summary

Analyte Peak Name	RT (Exp RT)	Area	Modified?	Calc (Exp) MRM Ratio	Ratio Confirms ID
PFBA 2	1.25 (1.27)	58253	No	1.00 (1.00)	YES
PFPeA 2	3.54 (3.60)	67689	No	1.00 (1.00)	YES
PFBS 2	4.20 (4.26)	23692	No	0.31 (0.40)	YES
PFHxA 2	5.26 (5.31)	9299	No	0.08 (0.10)	YES
PFHpA 2	6.17 (6.22)	80007	No	2.99 (2.90)	YES
PFHxS 2	6.25 (6.32)	65157	No	0.36 (0.40)	YES
S_13C-PFBA	1.23 (1.26)	4296800	No	73.76 (13.20)	No
S_13C-PFHxA	5.25 (5.30)	5807500	No	49.78 (13.71)	No

Columbia Analytical Services

Quantitative Peak Review

K1001011-012

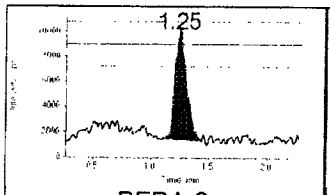
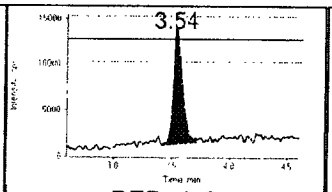
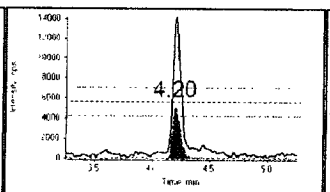
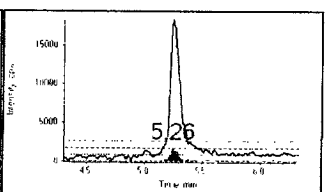
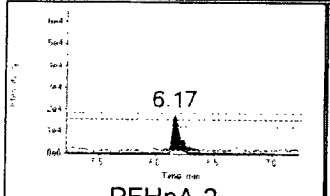
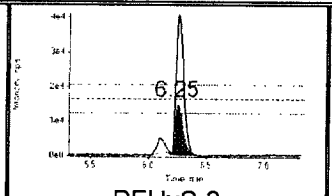
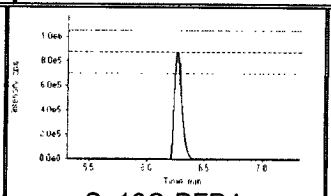


☐ Before ☐ After

Columbia Analytical Services

Ion Ratio Confirmation

K1001011-012

 PFBA 2 213.0/169.0 Da □ Baseline □ Missed □ Wrong Peak	 PFPeA 2 263.0/219.0 Da □ Baseline □ Missed □ Wrong Peak	 PFBS 2 299.0/99.0 Da □ Baseline □ Missed □ Wrong Peak	 PFHxA 2 313.0/119.0 Da □ Baseline □ Missed □ Wrong Peak
 PFHpA 2 363.0/319.0 Da □ Baseline □ Missed □ Wrong Peak	 PFHxS 2 399.0/99.0 Da □ Baseline □ Missed □ Wrong Peak	 S_13C-PFDA 515.0/470.0 Da □ Baseline □ Missed □ Wrong Peak	This image is not available N/A □ Baseline □ Missed □ Wrong Peak

NB. PFBA and PFPeA do not have qualifying ion transitions.

☐ Before ☐ After

Columbia Analytical Services

Project	Ewan's Projects\PFCs
Data File	021710\SamplesLong.wiff
Result Table	021710long.rdb
Instrument Name	API 5000

Sample Name	K1001011-013	**Injection Volume**	5
Acquisition Date	2/17/2010 9:39:21 PM	**Sample Type**	Unknown
Acquisition Method	PFCkinetexLong.dam	**Dilution Factor**	1.00
Injection Vial	37	**Weight to Volume**	0.00

Results Summary

Analyte Peak Name	IS Name	IS Area	Analyte RT (Exp RT)	Analyte Area	Calc. Conc (ng/mL)	Modified?
PFOA 1	13C-PFOA	3741200	1.21 (1.36)	116960	0.645	No
PFNA 1	13C-PFNA	2509200	1.99 (2.06)	26748	0.132	No
PFOS 1	13C-PFOS	7314300	2.01 (2.09)	910900	1.180	No
PFDA 1	13C-PFDA	3060500	3.03 (3.06)	15195	0.040	No
PFUnA 1	13C-PFUnA	121680	3.83 (3.88)	8965	0.038	No
PFDS 1	13C-PFOS	7314300	3.85 (3.87)	11889	0.034	No
PFDoA 1	13C-PFDoA	185240	4.48 (4.55)	7627	0.076	No
PFTrA 1	13C-PFDoA	185240	5.01 (5.06)	7636	N/A	No
PFTeA 1	13C-PFDoA	185240	0.00 (5.51)	0	N/A	No

2/18/10

2/19/10

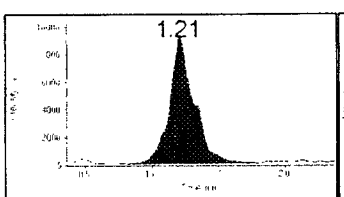
IRC Summary

Analyte Peak Name	RT (Exp RT)	Area	Modified?	Calc (Exp) MRM Ratio	Ratio Confirms ID
PFOA 2	1.21 (1.36)	210520	No	1.80 (2.16)	YES
S_13C_PFOA	1.22 (1.36)	3741200	No	31.99 (43.19)	No
PFNA 2	1.96 (2.08)	5820	No	0.22 (0.34)	No
S_13C_PFNA	0.00 (2.44)	0	No	0.00 (0.00)	No
PFOS 2	2.01 (2.12)	272290	No	0.30 (0.32)	YES
S_13C-PFOS	2.02 (2.00)	7314300	No	8.03 (21.71)	No
PFDA 2	3.00 (3.06)	1433	No	0.09 (0.14)	No
S_13C-PFDA	3.04 (3.04)	3060500	No	201.41 (17.53)	No
PFUnA 2	0.00 (3.88)	0	No	0.00 (0.19)	No
S_13C-PFUnA	3.84 (3.88)	121680	No	13.57 (1.60)	No
PFDS 2	3.84 (3.87)	5276	No	0.44 (0.32)	No
PFDoA 2	0.00 (4.53)	0	No	0.00 (0.28)	No
S_13C-PFDoA	4.49 (4.64)	185240	No	24.29 (3.71)	No
PFTrA 2	5.13 (5.13)	326	No	0.04 (0.34)	No
PFTeA 2	5.49 (5.56)	243	No	0.00 (0.29)	No

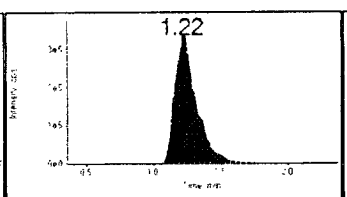
Columbia Analytical Services

Quantitative Peak Review

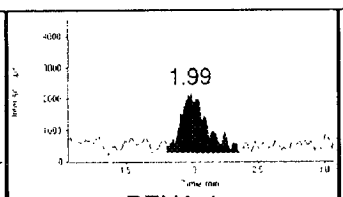
K1001011-013



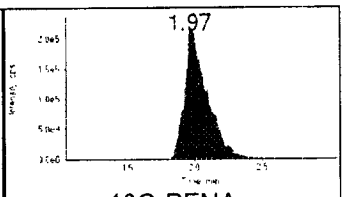
PFOA 1
413.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



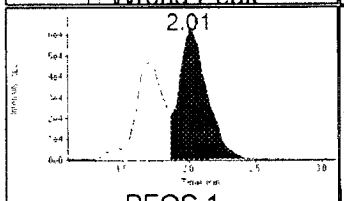
13C-PFOA
417.0/372.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



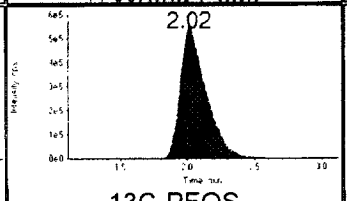
PFNA 1
463.0/419.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



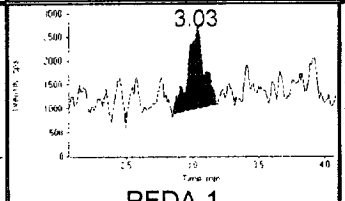
13C-PFNA
468.0/423.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



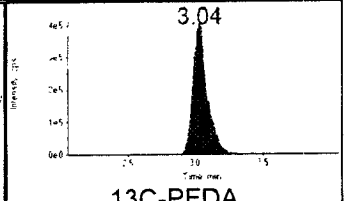
PFOS 1
499.0/80.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



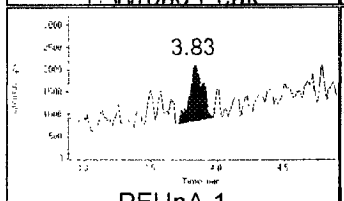
13C-PFOS
503.0/80.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



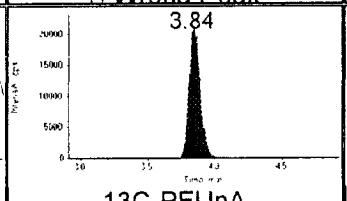
PFDA 1
513.0/469.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



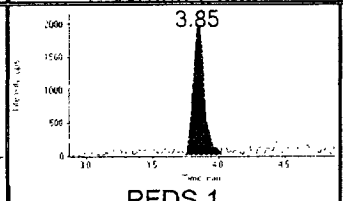
13C-PFDA
515.0/470.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



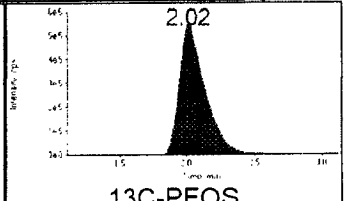
PFUnA 1
563.0/519.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



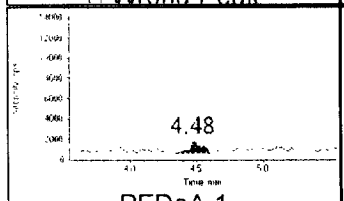
13C-PFUnA
565.0/270.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



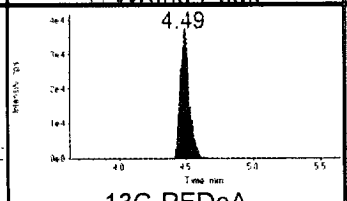
PFDS 1
599.0/80.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



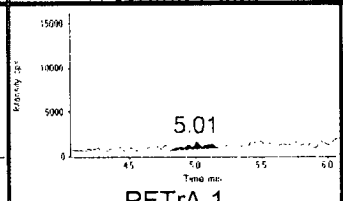
13C-PFOS
503.0/80.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



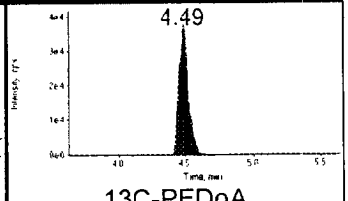
PFDoA 1
613.0/569.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



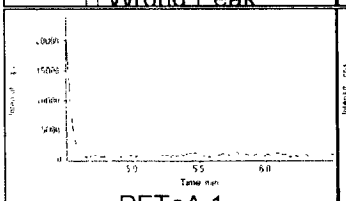
13C-PFDoA
615.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



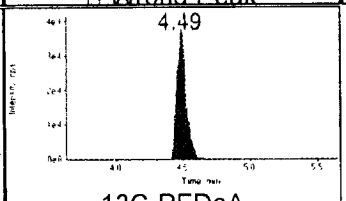
PFTrA 1
663.0/619.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



13C-PFDoA
615.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFTeA 1
713.0/669.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



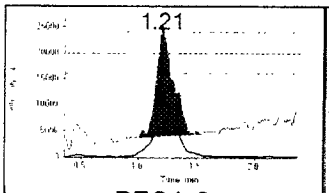
13C-PFDoA
615.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak

☐ Before ☐ After

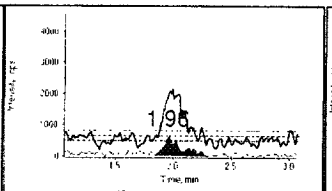
Columbia Analytical Services

Ion Ratio Confirmation

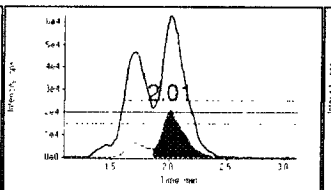
K1001011-013



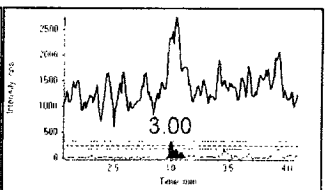
PFOA 2
413.0/369.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



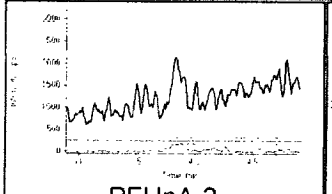
PFNA 2
463.0/219.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



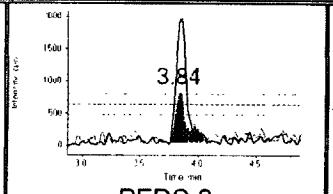
PFOS 2
499.0/99.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



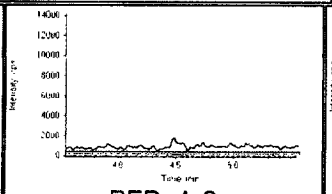
PFDA 2
513.0/269.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



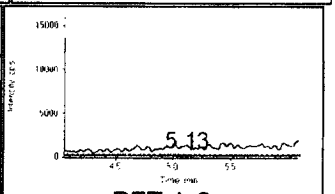
PFUnA 2
563.0/269.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



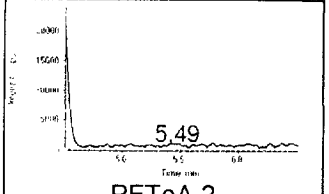
PFDS 2
599.0/99.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFDoA 2
613.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFTrA 2
663.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFTeA 2
713.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak

☐ Before ☐ After

Columbia Analytical Services

Project	Ewan's Projects\PFCs
Data File	021710\SamplesShort.wiff
Result Table	021710short.rdb
Instrument Name	API 5000

Sample Name	K1001011-013	**Injection Volume**	5
Acquisition Date	2/18/2010 4:03:55 AM	**Sample Type**	Unknown
Acquisition Method	PFCkinetexShort.dam	**Dilution Factor**	1.00
Injection Vial	37	**Weight to Volume**	0.00

Results Summary

Analyte Peak Name	IS Name	IS Area	Analyte RT (Exp RT)	Analyte Area	Calc. Conc (ng/mL)	Modified?
PFBA 1	13C-PFBA	3983900	1.24 (1.27)	92475	0.16	No
PFPeA 1	13C-PFHxA	5186500	3.54 (3.60)	208270	0.41	No
PFBS 1	18O-PFHS	3590800	4.19 (4.26)	130910	0.12	No
PFHxA 1	13C-PFHxA	5186500	5.25 (5.31)	274290	0.46	No
PFHpA 1	13C-PFHxA	5186500	6.15 (6.23)	71390	0.33	No
PFHxS 1	18O-PFHS	3590800	6.24 (6.32)	766310	0.63	No
S_18O-PFHS	13C-PFDA	4287300	6.24 (6.31)	3590800	1.04	No
S_13C-PFDA	13C-PFDA	4287300	7.54 (7.65)	4287300	1.00	No

2/16/10
ET-S
2/16/10

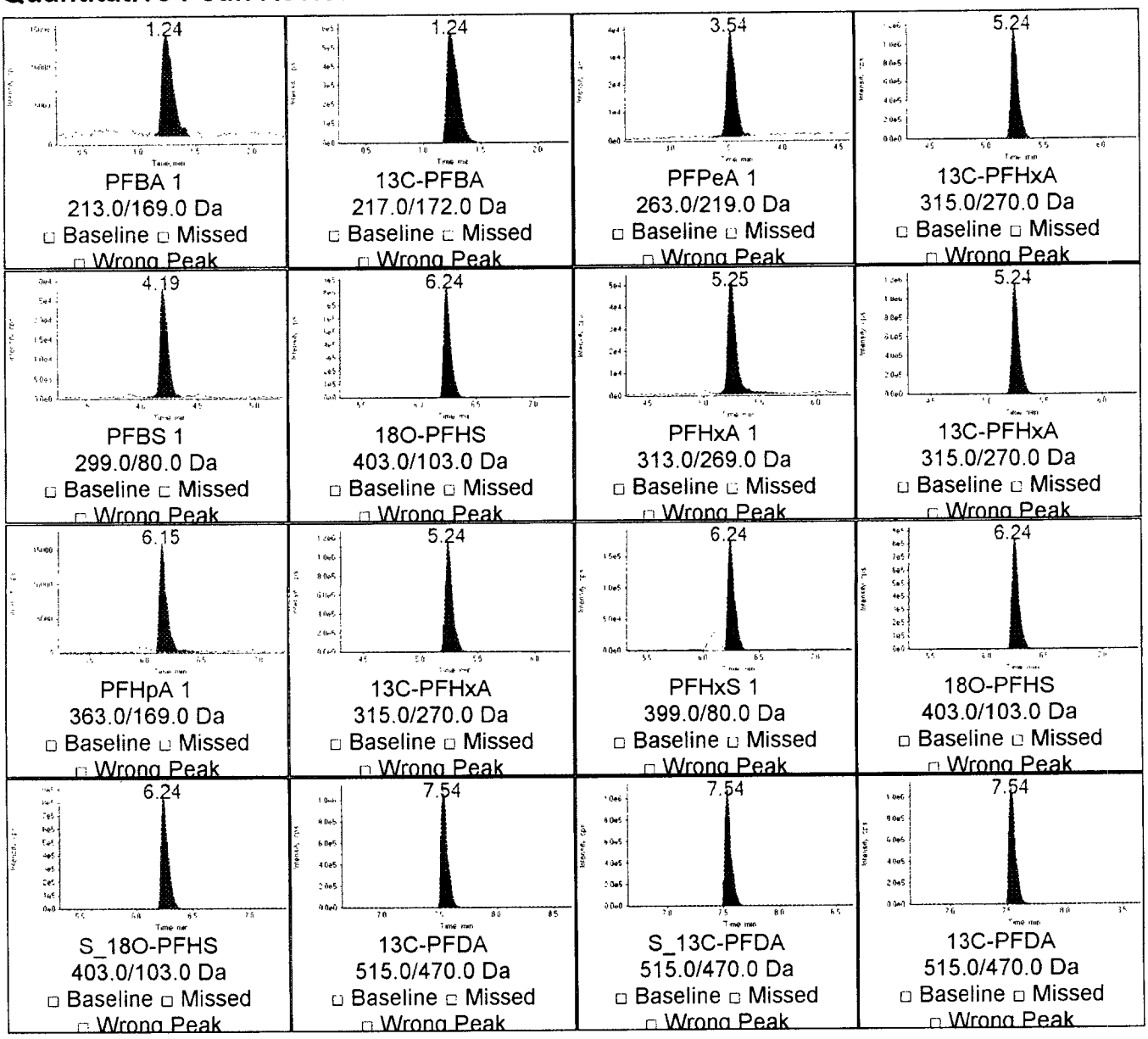
IRC Summary

Analyte Peak Name	RT (Exp RT)	Area	Modified?	Calc (Exp) MRM Ratio	Ratio Confirms ID
PFBA 2	1.24 (1.27)	92475	No	1.00 (1.00)	YES
PFPeA 2	3.54 (3.60)	208270	No	1.00 (1.00)	YES
PFBS 2	4.19 (4.26)	49564	No	0.38 (0.40)	YES
PFHxA 2	5.24 (5.31)	24822	No	0.09 (0.10)	YES
PFHpA 2	6.15 (6.22)	212090	No	2.97 (2.90)	YES
PFHxS 2	6.24 (6.32)	309680	No	0.40 (0.40)	YES
S_13C-PFBA	1.24 (1.26)	3983900	No	43.08 (13.20)	No
S_13C-PFHxA	5.24 (5.30)	5186500	No	18.91 (13.71)	No

Columbia Analytical Services

Quantitative Peak Review

K1001011-013

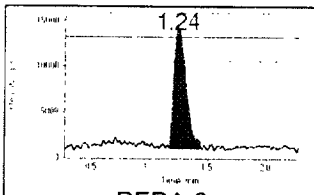
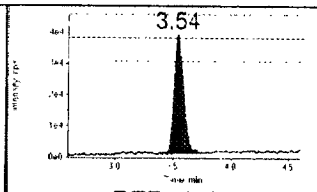
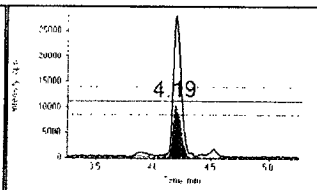
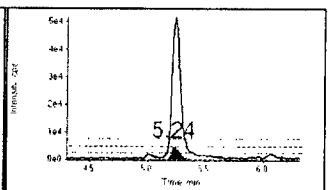
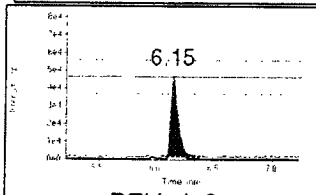
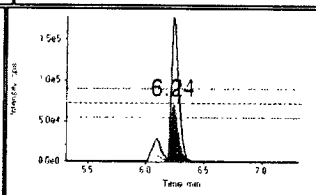
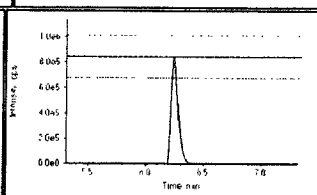


☐ Before ☐ After

Columbia Analytical Services

Ion Ratio Confirmation

K1001011-013

 PFBA 2 213.0/169.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak	 PFPeA 2 263.0/219.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak	 PFBS 2 299.0/99.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak	 PFHxA 2 313.0/119.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak
 PFHpA 2 363.0/319.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak	 PFHxS 2 399.0/99.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak	 S_13C-PFDA 515.0/470.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak	This image is not available N/A ☐ Baseline ☐ Missed ☐ Wrong Peak

NB. PFBA and PFPeA do not have qualifying ion transitions.

☐ Before ☐ After

Columbia Analytical Services

Project	Ewan's Projects\PFCs
Data File	021710\SamplesLong.wiff
Result Table	021710long.rdb
Instrument Name	API 5000

Sample Name	K1001011-014	**Injection Volume**	5
Acquisition Date	2/17/2010 9:46:52 PM	**Sample Type**	Unknown
Acquisition Method	PFCkinetexLong.dam	**Dilution Factor**	1.00
Injection Vial	38	**Weight to Volume**	0.00

Results Summary

Analyte Peak Name	IS Name	IS Area	Analyte RT (Exp RT)	Analyte Area	Calc. Conc (ng/mL)	Modified?
PFOA 1	13C-PFOA	4282000	1.20 (1.36)	149310	0.716	No
PFNA 1	13C-PFNA	2928900	2.01 (2.06)	25493	0.114	No
PFOS 1	13C-PFOS	8452100	1.99 (2.09)	1021300	1.150	No
PFDA 1	13C-PFDA	3300300	0.00 (3.06)	0	N/A	No
PFUnA 1	13C-PFUnA	119280	3.82 (3.88)	7104	0.025	No
PFDS 1	13C-PFOS	8452100	3.83 (3.87)	4081	0.025	No
PFDoA 1	13C-PFDoA	160790	0.00 (4.55)	0	N/A	No
PFTrA 1	13C-PFDoA	160790	5.23 (5.06)	7430	N/A	No
PFTeA 1	13C-PFDoA	160790	5.47 (5.51)	7441	0.079	No

2/18/10

2/18/10

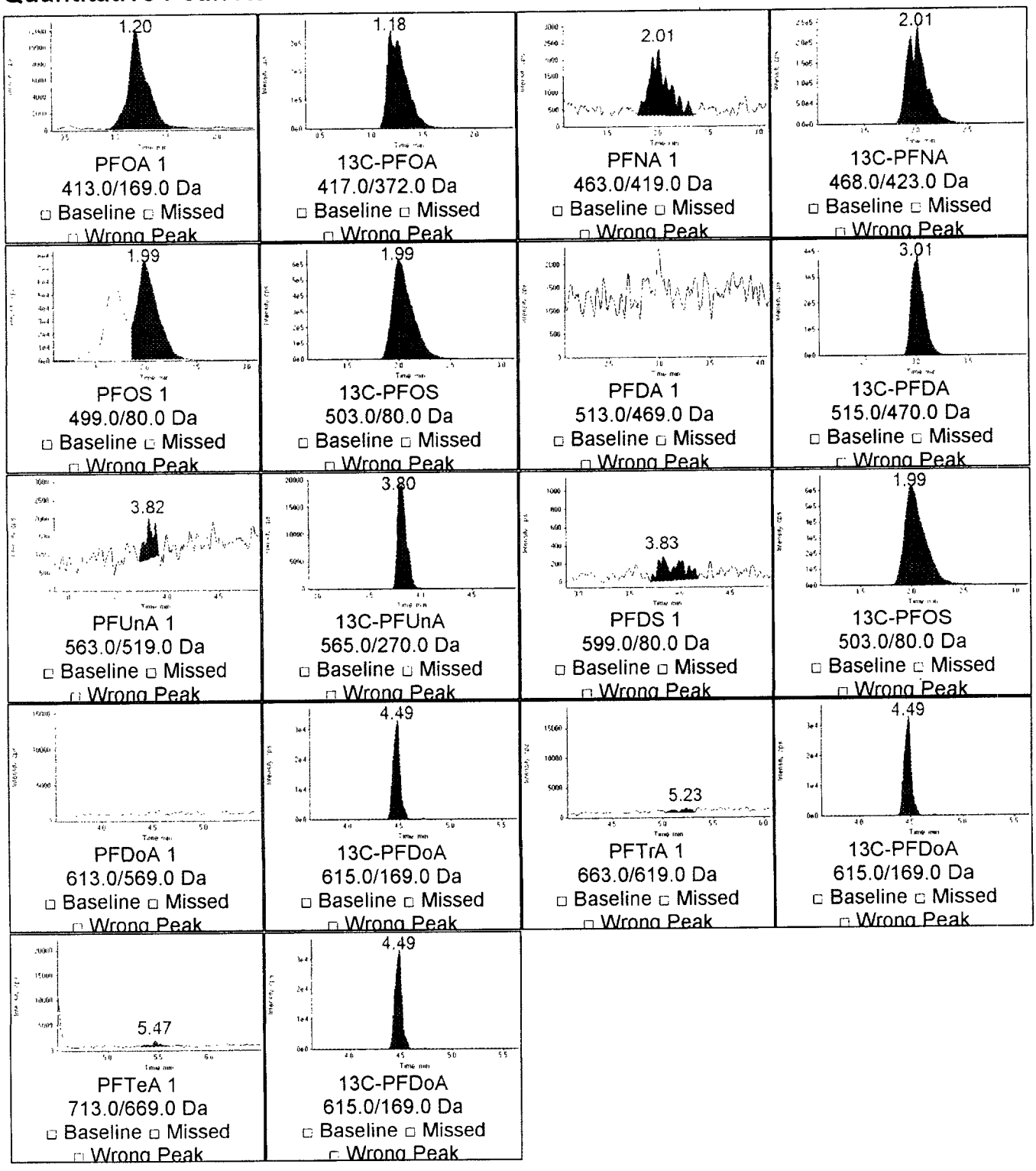
IRC Summary

Analyte Peak Name	RT (Exp RT)	Area	Modified?	Calc (Exp) MRM Ratio	Ratio Confirms ID
PFOA 2	1.18 (1.36)	250700	No	1.68 (2.16)	No
S_13C_PFOA	1.18 (1.36)	4282000	No	28.68 (43.19)	No
PFNA 2	1.94 (2.08)	3806	No	0.15 (0.34)	No
S_13C_PFNA	0.00 (2.44)	0	No	0.00 (0.00)	No
PFOS 2	2.00 (2.12)	328370	No	0.32 (0.32)	YES
S_13C-PFOS	1.99 (2.00)	8452100	No	8.28 (21.71)	No
PFDA 2	2.99 (3.06)	680	No	0.00 (0.14)	No
S_13C-PFDA	3.01 (3.04)	3300300	No	0.00 (17.53)	No
PFUnA 2	0.00 (3.88)	0	No	0.00 (0.19)	No
S_13C-PFUnA	3.80 (3.88)	119280	No	16.79 (1.60)	No
PFDS 2	0.00 (3.87)	0	No	0.00 (0.32)	No
PFDoA 2	0.00 (4.53)	0	No	0.00 (0.28)	No
S_13C-PFDoA	4.49 (4.64)	160790	No	0.00 (3.71)	No
PFTrA 2	5.24 (5.13)	220	No	0.03 (0.34)	No
PFTeA 2	5.45 (5.56)	694	No	0.09 (0.29)	No

Columbia Analytical Services

Quantitative Peak Review

K1001011-014

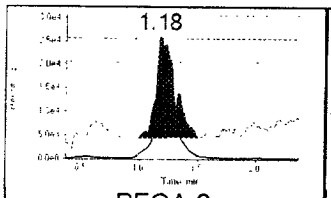


☐ Before ☐ After

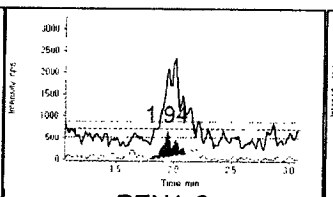
Columbia Analytical Services

Ion Ratio Confirmation

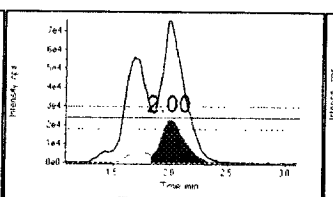
K1001011-014



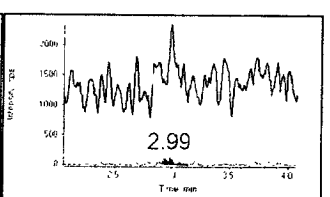
PFOA 2
413.0/369.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



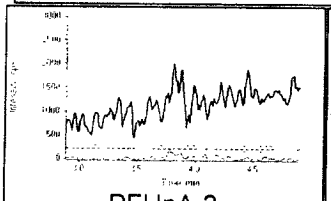
PFNA 2
463.0/219.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



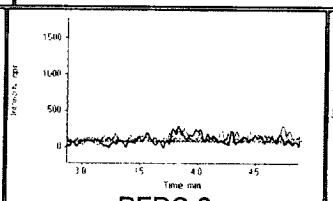
PFOS 2
499.0/99.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



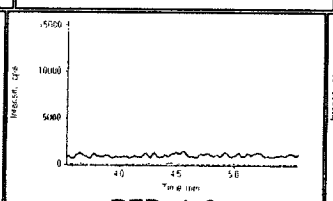
PFDA 2
513.0/269.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



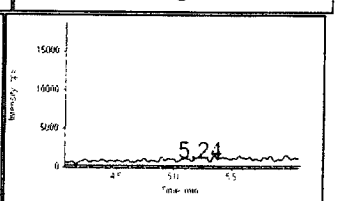
PFUnA 2
563.0/269.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



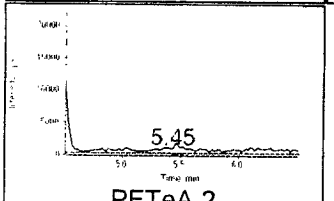
PFDS 2
599.0/99.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFDoA 2
613.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFTrA 2
663.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFTeA 2
713.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak

☐ Before ☐ After

Columbia Analytical Services

Project	Ewan's Projects\PFCs
Data File	021710\SamplesShort.wiff
Result Table	021710short.rdb
Instrument Name	API 5000

Sample Name	K1001011-014	**Injection Volume**	5
Acquisition Date	2/18/2010 4:13:31 AM	**Sample Type**	Unknown
Acquisition Method	PFCkinetexShort.dam	**Dilution Factor**	1.00
Injection Vial	38	**Weight to Volume**	0.00

Results Summary

Analyte Peak Name	IS Name	IS Area	Analyte RT (Exp RT)	Analyte Area	Calc. Conc (ng/mL)	Modified?
PFBA 1	13C-PFBA	5642700	1.25 (1.27)	132790	0.16	No
PFPeA 1	13C-PFHxA	7074200	3.53 (3.60)	291980	0.43	No
PFBS 1	18O-PFHS	4192900	4.19 (4.26)	170880	0.13	No
PFHxA 1	13C-PFHxA	7074200	5.23 (5.31)	340730	0.42	No
PFHpA 1	13C-PFHxA	7074200	6.14 (6.23)	77424	0.25	No
PFHxS 1	18O-PFHS	4192900	6.23 (6.32)	986730	0.70	No
S_18O-PFHS	13C-PFDA	4585900	6.23 (6.31)	4192900	1.13	No
S_13C-PFDA	13C-PFDA	4585900	7.51 (7.65)	4585900	1.00	No

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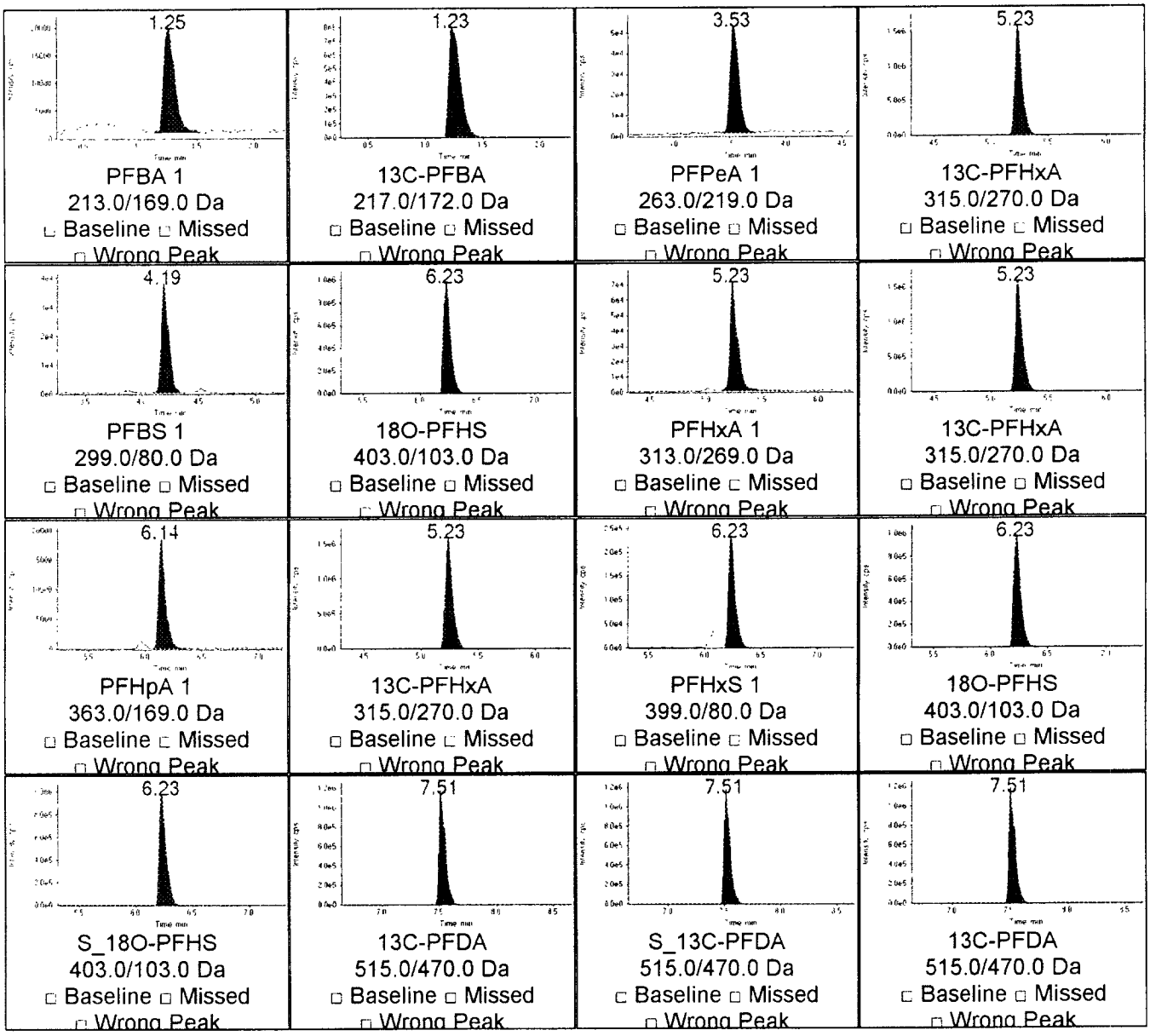
IRC Summary

Analyte Peak Name	RT (Exp RT)	Area	Modified?	Calc (Exp) MRM Ratio	Ratio Confirms ID
PFBA 2	1.25 (1.27)	132790	No	1.00 (1.00)	YES
PFPeA 2	3.53 (3.60)	291980	No	1.00 (1.00)	YES
PFBS 2	4.19 (4.26)	65485	No	0.38 (0.40)	YES
PFHxA 2	5.24 (5.31)	29792	No	0.09 (0.10)	YES
PFHpA 2	6.14 (6.22)	229180	No	2.96 (2.90)	YES
PFHxS 2	6.23 (6.32)	393260	No	0.40 (0.40)	YES
S_13C-PFBA	1.23 (1.26)	5642700	No	42.49 (13.20)	No
S_13C-PFHxA	5.23 (5.30)	7074200	No	20.76 (13.71)	No

Columbia Analytical Services

Quantitative Peak Review

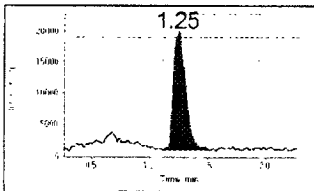
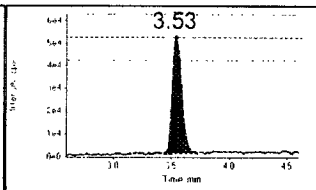
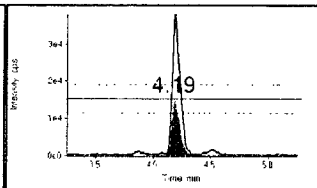
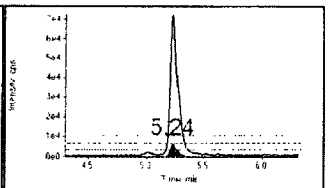
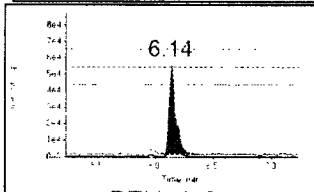
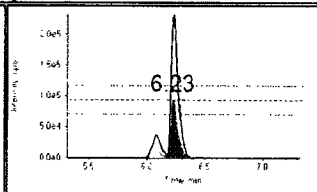
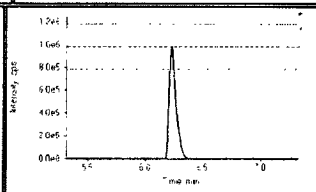
K1001011-014



☐ Before ☐ After

Columbia Analytical Services

Ion Ratio Confirmation K1001011-014

 PFBA 2 213.0/169.0 Da □ Baseline □ Missed □ Wrong Peak	 PFPeA 2 263.0/219.0 Da □ Baseline □ Missed □ Wrong Peak	 PFBS 2 299.0/99.0 Da □ Baseline □ Missed □ Wrong Peak	 PFHxA 2 313.0/119.0 Da □ Baseline □ Missed □ Wrong Peak
 PFHpA 2 363.0/319.0 Da □ Baseline □ Missed □ Wrong Peak	 PFHxS 2 399.0/99.0 Da □ Baseline □ Missed □ Wrong Peak	 S_13C-PFDA 515.0/470.0 Da □ Baseline □ Missed □ Wrong Peak	N/A □ Baseline □ Missed □ Wrong Peak

NB. PFBA and PFPeA do not have qualifying ion transitions.

☐ Before ☐ After

Columbia Analytical Services

Project	Ewan's Projects\PFCs
Data File	021710\SamplesLong.wiff
Result Table	021710long.rdb
Instrument Name	API 5000

Sample Name	K1001011-015	**Injection Volume**	5
Acquisition Date	2/17/2010 9:54:29 PM	**Sample Type**	Unknown
Acquisition Method	PFCkinetexLong.dam	**Dilution Factor**	1.00
Injection Vial	39	**Weight to Volume**	0.00

Results Summary

Analyte Peak Name	IS Name	IS Area	Analyte RT (Exp RT)	Analyte Area	Calc. Conc (ng/mL)	Modified?
PFOA 1	13C-PFOA	4027200	1.18 (1.36)	69653	0.370	No
PFNA 1	13C-PFNA	2707700	2.00 (2.06)	16308	0.090	No
PFOS 1	13C-PFOS	8282800	1.98 (2.09)	741590	0.852	No
PFDA 1	13C-PFDA	3145300	2.98 (3.06)	28743	0.080	No
PFUnA 1	13C-PFUnA	116130	3.85 (4.06)	21568	0.146	No
PFDS 1	13C-PFOS	8282800	3.85 (3.87)	37821	0.059	No
PFDoA 1	13C-PFDoA	168000	4.47 (4.55)	14563	0.151	No
PFTrA 1	13C-PFDoA	168000	5.04 (5.06)	11652	0.001	No
PFTeA 1	13C-PFDoA	168000	5.50 (5.51)	5809	0.031	No

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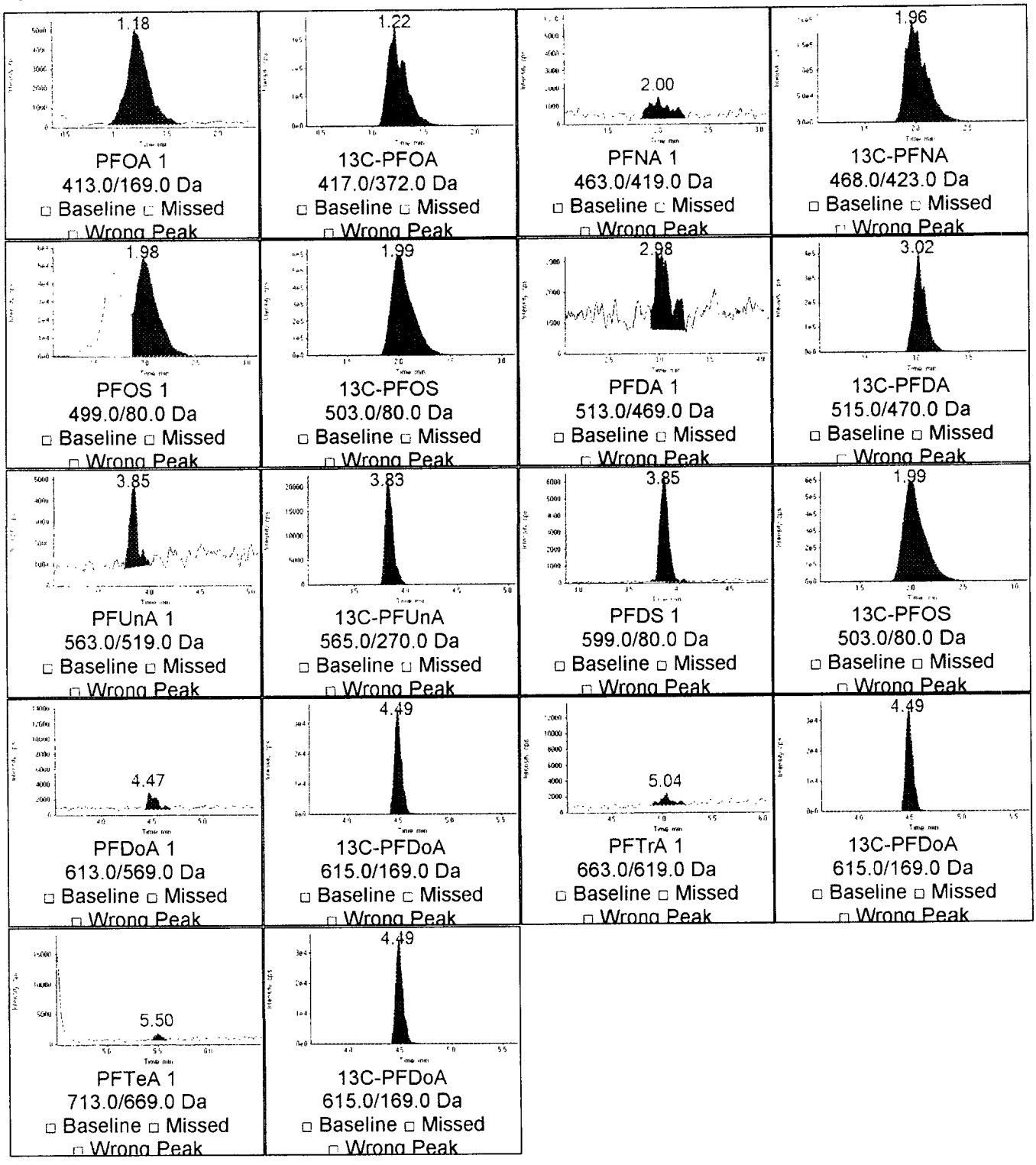
IRC Summary

Analyte Peak Name	RT (Exp RT)	Area	Modified?	Calc (Exp) MRM Ratio	Ratio Confirms ID
PFOA 2	1.22 (1.36)	102280	No	1.47 (2.16)	No
S_13C_PFOA	1.22 (1.36)	4027200	No	57.82 (43.19)	No
PFNA 2	1.93 (2.08)	3012	No	0.18 (0.34)	No
S_13C_PFNA	0.00 (2.44)	0	No	0.00 (0.00)	No
PFOS 2	1.97 (2.12)	254070	No	0.34 (0.32)	YES
S_13C-PFOS	1.99 (2.00)	8282800	No	11.17 (21.71)	No
PFDA 2	3.02 (3.06)	3138	No	0.11 (0.14)	YES
S_13C-PFDA	3.02 (3.04)	3145300	No	109.43 (17.53)	No
PFUnA 2	3.83 (3.88)	4500	No	0.21 (0.19)	YES
S_13C-PFUnA	3.83 (3.88)	116130	No	5.38 (1.60)	No
PFDS 2	3.83 (3.87)	12584	No	0.33 (0.32)	YES
PFDoA 2	4.48 (4.53)	3725	No	0.26 (0.28)	YES
S_13C-PFDoA	4.49 (4.64)	168000	No	11.54 (3.71)	No
PFTrA 2	5.04 (5.13)	2159	No	0.19 (0.34)	No
PFTeA 2	5.50 (5.56)	1298	No	0.22 (0.29)	YES

Columbia Analytical Services

Quantitative Peak Review

K1001011-015

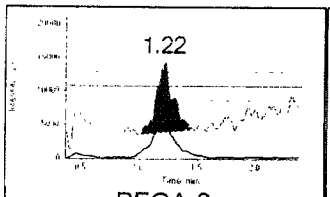


☐ Before ☐ After

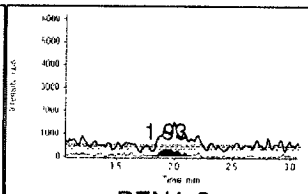
Columbia Analytical Services

Ion Ratio Confirmation

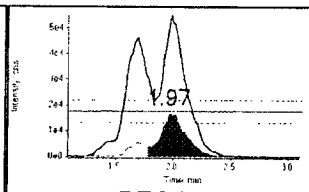
K1001011-015



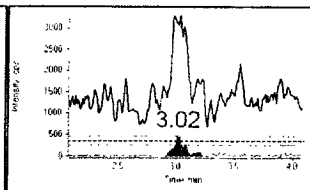
PFOA 2
413.0/369.0 Da
□ Baseline □ Missed
□ Wrong Peak



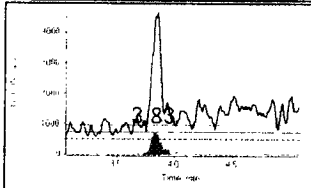
PFNA 2
463.0/219.0 Da
□ Baseline □ Missed
□ Wrong Peak



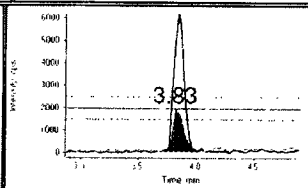
PFOS 2
499.0/99.0 Da
□ Baseline □ Missed
□ Wrong Peak



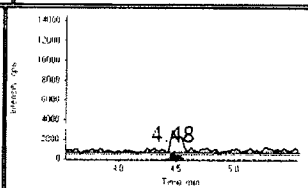
PFDA 2
513.0/269.0 Da
□ Baseline □ Missed
□ Wrong Peak



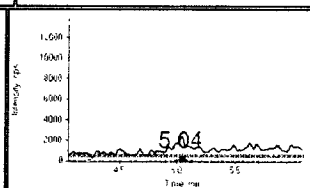
PFUnA 2
563.0/269.0 Da
□ Baseline □ Missed
□ Wrong Peak



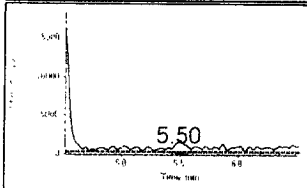
PFDS 2
599.0/99.0 Da
□ Baseline □ Missed
□ Wrong Peak



PFDoA 2
613.0/169.0 Da
□ Baseline □ Missed
□ Wrong Peak



PFTrA 2
663.0/169.0 Da
□ Baseline □ Missed
□ Wrong Peak



PFTeA 2
713.0/169.0 Da
□ Baseline □ Missed
□ Wrong Peak

☐ Before ☐ After

Columbia Analytical Services

Project	Ewan's Projects\PFCs
Data File	021710\SamplesShort.wiff
Result Table	021710short.rdb
Instrument Name	API 5000

Sample Name	K1001011-015	**Injection Volume**	5
Acquisition Date	2/18/2010 4:23:06 AM	**Sample Type**	Unknown
Acquisition Method	PFCkinetexShort.dam	**Dilution Factor**	1.00
Injection Vial	39	**Weight to Volume**	0.00

Results Summary

Analyte Peak Name	IS Name	IS Area	Analyte RT (Exp RT)	Analyte Area	Calc. Conc (ng/mL)	Modified?
PFBA 1	13C-PFBA	5385400	1.24 (1.27)	78521	0.08	No
PFPeA 1	13C-PFHxA	6508100	3.53 (3.60)	127470	0.20	No
PFBS 1	18O-PFHS	4196500	4.19 (4.26)	174230	0.14	No
PFHxA 1	13C-PFHxA	6508100	5.23 (5.31)	200550	0.25	No
PFHpA 1	13C-PFHxA	6508100	6.12 (6.23)	45767	0.14	No
PFHxS 1	18O-PFHS	4196500	6.22 (6.32)	1265800	0.90	No
S_18O-PFHS	13C-PFDA	4950500	6.22 (6.31)	4196500	1.05	No
S_13C-PFDA	13C-PFDA	4950500	7.52 (7.65)	4950500	1.00	No

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EFS 2/18/10

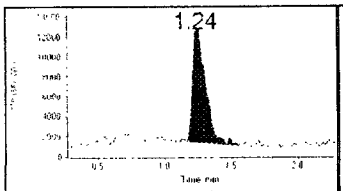
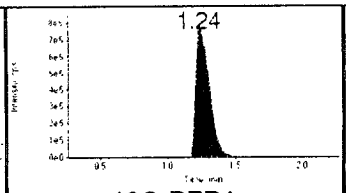
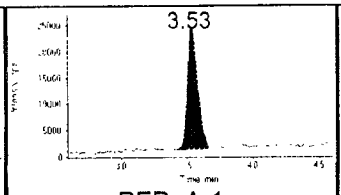
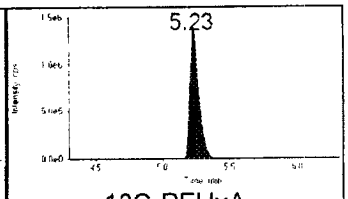
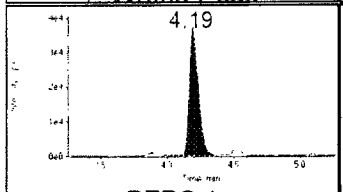
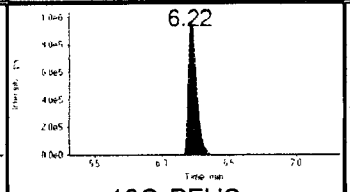
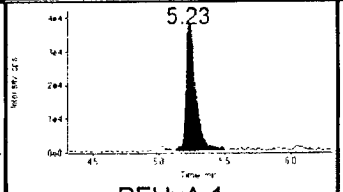
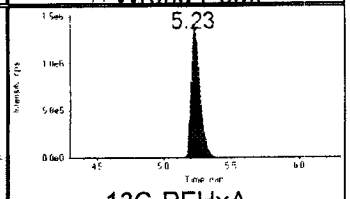
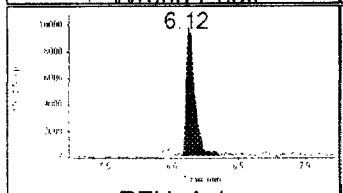
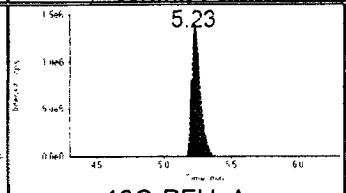
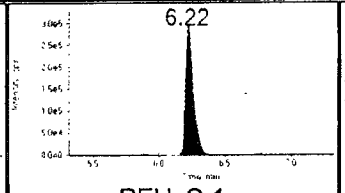
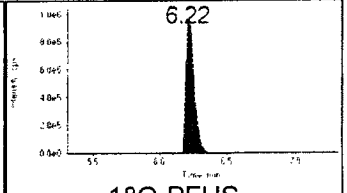
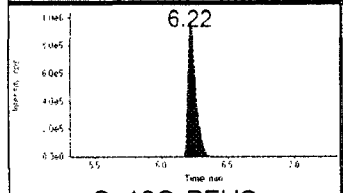
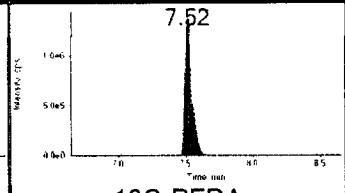
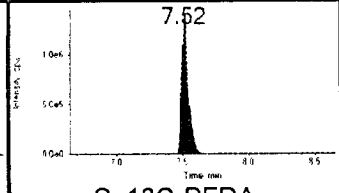
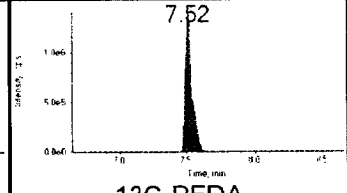
IRC Summary

Analyte Peak Name	RT (Exp RT)	Area	Modified?	Calc (Exp) MRM Ratio	Ratio Confirms ID
PFBA 2	1.24 (1.27)	78521	No	1.00 (1.00)	YES
PFPeA 2	3.53 (3.60)	127470	No	1.00 (1.00)	YES
PFBS 2	4.19 (4.26)	62153	No	0.36 (0.40)	YES
PFHxA 2	5.24 (5.31)	18391	No	0.09 (0.10)	YES
PFHpA 2	6.13 (6.22)	131540	No	2.87 (2.90)	YES
PFHxS 2	6.22 (6.32)	501760	No	0.40 (0.40)	YES
S_13C-PFBA	1.24 (1.26)	5385400	No	68.59 (13.20)	No
S_13C-PFHxA	5.23 (5.30)	6508100	No	32.45 (13.71)	No

Columbia Analytical Services

Quantitative Peak Review

K1001011-015

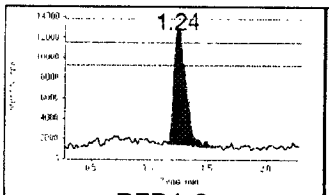
 1.24 PFBA 1 213.0/169.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak	 1.24 13C-PFBA 217.0/172.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak	 3.53 PFPeA 1 263.0/219.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak	 5.23 13C-PFHxA 315.0/270.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak
 4.19 PFBS 1 299.0/80.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak	 6.22 18O-PFHS 403.0/103.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak	 5.23 PFHxA 1 313.0/269.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak	 5.23 13C-PFHxA 315.0/270.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak
 6.12 PFHpA 1 363.0/169.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak	 5.23 13C-PFHxA 315.0/270.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak	 6.22 PFHxS 1 399.0/80.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak	 6.22 18O-PFHS 403.0/103.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak
 6.22 S_18O-PFHS 403.0/103.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak	 7.52 13C-PFDA 515.0/470.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak	 7.52 S_13C-PFDA 515.0/470.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak	 7.52 13C-PFDA 515.0/470.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak

☐ Before ☐ After

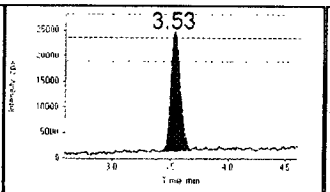
Columbia Analytical Services

Ion Ratio Confirmation

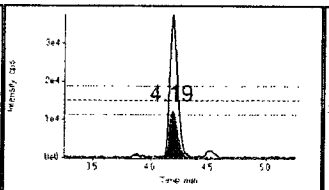
K1001011-015



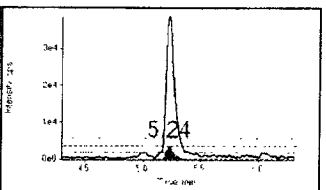
PFBA 2
213.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



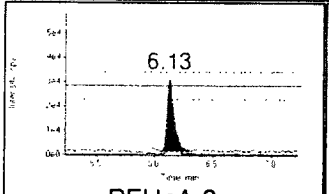
PFPeA 2
263.0/219.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



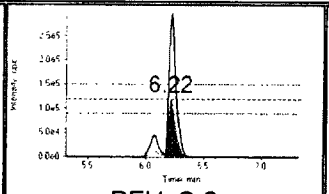
PFBS 2
299.0/99.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



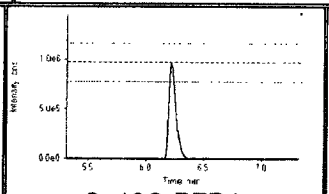
PFHxA 2
313.0/119.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFHpA 2
363.0/319.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFHxS 2
399.0/99.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



S_13C-PFDA
515.0/470.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak

This image is not available

N/A

☐ Baseline ☐ Missed
☐ Wrong Peak

NB. PFBA and PFPeA do not have qualifying ion transitions.

☐ Before ☐ After

Created with Analyst Reporter
Printed: 18/02/2010 3:24:00 PM

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Project	Ewan's Projects\PFCs
Data File	021710\SamplesLong.wiff
Result Table	021710long.rdb
Instrument Name	API 5000

Sample Name	K1001011-016	**Injection Volume**	5
Acquisition Date	2/17/2010 10:02:01 PM	**Sample Type**	Unknown
Acquisition Method	PFCkinetexLong.dam	**Dilution Factor**	1.00
Injection Vial	40	**Weight to Volume**	0.00

Results Summary

Analyte Peak Name	IS Name	IS Area	Analyte RT (Exp RT)	Analyte Area	Calc. Conc (ng/mL)	Modified?
PFOA 1	13C-PFOA	3848900	1.23 (1.36)	68449	0.379	No
PFNA 1	13C-PFNA	2368800	2.01 (2.06)	6977	0.061	No
PFOS 1	13C-PFOS	7153900	2.04 (2.09)	615350	0.820	No
PFDA 1	13C-PFDA	2786900	0.00 (3.06)	0	N/A	No
PFUnA 1	13C-PFUnA	101620	0.00 (4.06)	0	N/A	No
PFDS 1	13C-PFOS	7153900	3.99 (3.87)	1051	0.022	No
PFDoA 1	13C-PFDoA	148660	0.00 (4.55)	0	N/A	No
PFTrA 1	13C-PFDoA	148660	5.04 (5.06)	7028	N/A	No
PFTeA 1	13C-PFDoA	148660	0.00 (5.51)	0	N/A	No

A 2/19/10
EFS
2/18/10

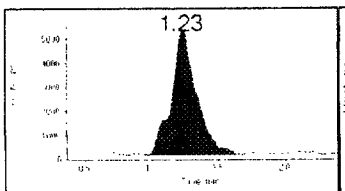
IRC Summary

Analyte Peak Name	RT (Exp RT)	Area	Modified?	Calc (Exp) MRM Ratio	Ratio Confirms ID
PFOA 2	1.22 (1.36)	113190	No	1.65 (2.16)	No
S_13C_PFOA	1.21 (1.36)	3848900	No	56.23 (43.19)	No
PFNA 2	2.02 (2.08)	2665	No	0.38 (0.34)	YES
S_13C_PFNA	0.00 (2.44)	0	No	0.00 (0.00)	No
PFOS 2	2.04 (2.12)	197280	No	0.32 (0.32)	YES
S_13C-PFOS	2.04 (2.00)	7153900	No	11.63 (21.71)	No
PFDA 2	3.01 (3.06)	574	No	0.00 (0.14)	No
S_13C-PFDA	3.04 (3.04)	2786900	No	0.00 (17.53)	No
PFUnA 2	0.00 (3.88)	0	No	0.00 (0.19)	No
S_13C-PFUnA	3.84 (3.88)	101620	No	0.00 (1.60)	No
PFDS 2	0.00 (3.87)	0	No	0.00 (0.32)	No
PFDoA 2	0.00 (4.53)	0	No	0.00 (0.28)	No
S_13C-PFDoA	4.49 (4.64)	148660	No	0.00 (3.71)	No
PFTrA 2	5.29 (5.13)	257	No	0.04 (0.34)	No
PFTeA 2	5.48 (5.56)	209	No	0.00 (0.29)	No

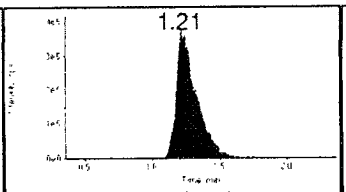
Columbia Analytical Services

Quantitative Peak Review

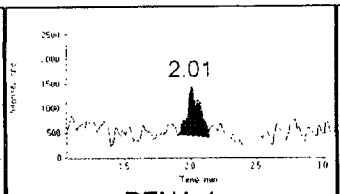
K1001011-016



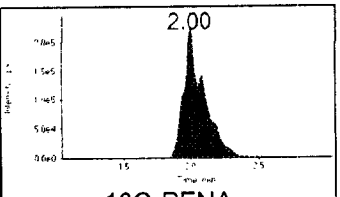
PFOA 1
413.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



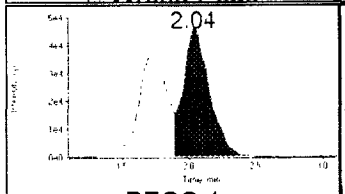
13C-PFOA
417.0/372.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



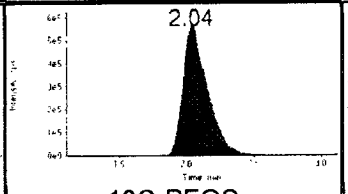
PFNA 1
463.0/419.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



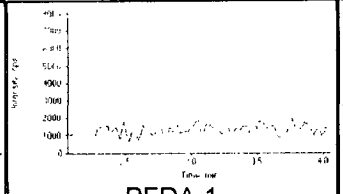
13C-PFNA
468.0/423.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



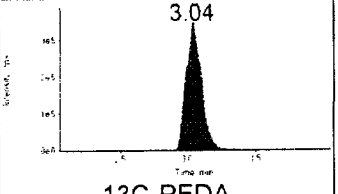
PFOS 1
499.0/80.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



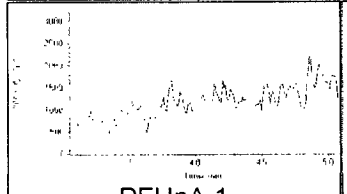
13C-PFOS
503.0/80.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



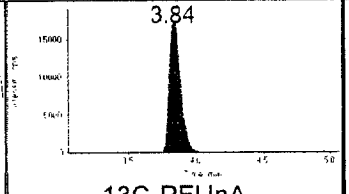
PFDA 1
513.0/469.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



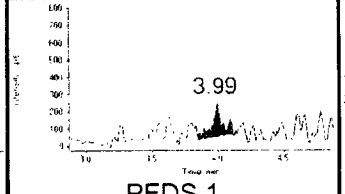
13C-PFDA
515.0/470.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



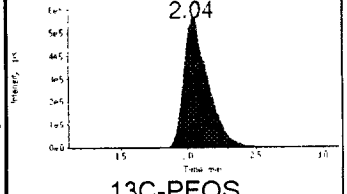
PFUnA 1
563.0/519.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



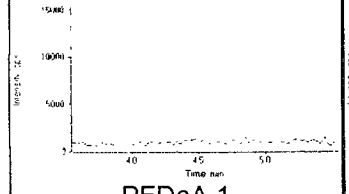
13C-PFUnA
565.0/270.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



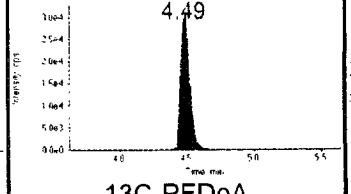
PFDS 1
599.0/80.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



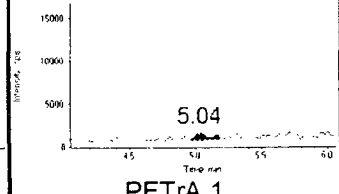
13C-PFOS
503.0/80.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



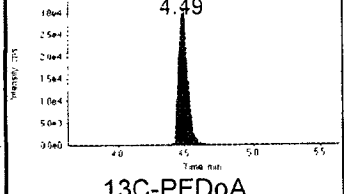
PFDoA 1
613.0/569.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



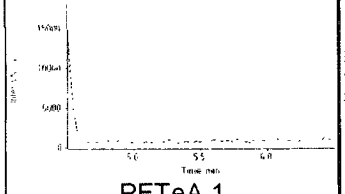
13C-PFDoA
615.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



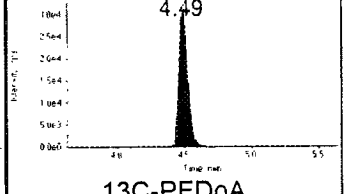
PFTrA 1
663.0/619.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



13C-PFDoA
615.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFTeA 1
713.0/669.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



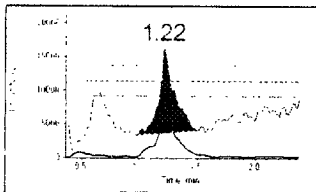
13C-PFDoA
615.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak

☐ Before ☐ After

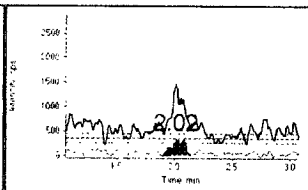
Columbia Analytical Services

Ion Ratio Confirmation

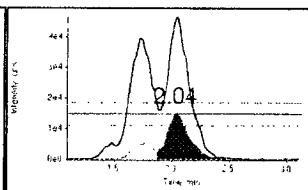
K1001011-016



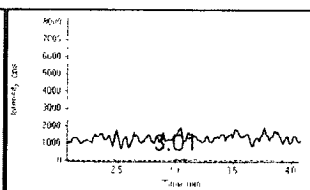
PFOA 2
413.0/369.0 Da
□ Baseline □ Missed
□ Wrong Peak



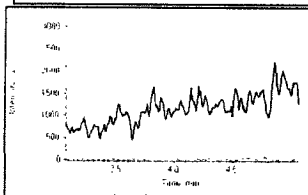
PFNA 2
463.0/219.0 Da
□ Baseline □ Missed
□ Wrong Peak



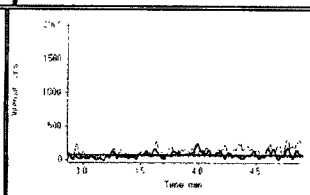
PFOS 2
499.0/99.0 Da
□ Baseline □ Missed
□ Wrong Peak



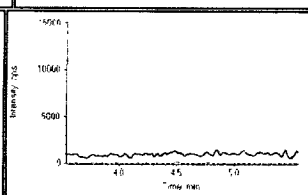
PFDA 2
513.0/269.0 Da
□ Baseline □ Missed
□ Wrong Peak



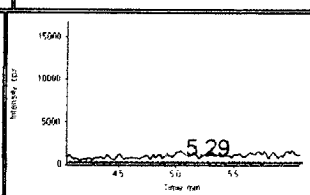
PFUnA 2
563.0/269.0 Da
□ Baseline □ Missed
□ Wrong Peak



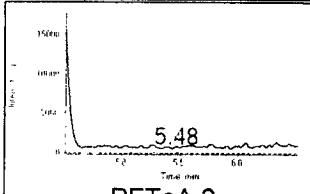
PFDS 2
599.0/99.0 Da
□ Baseline □ Missed
□ Wrong Peak



PFDoA 2
613.0/169.0 Da
□ Baseline □ Missed
□ Wrong Peak



PFTrA 2
663.0/169.0 Da
□ Baseline □ Missed
□ Wrong Peak



PFTeA 2
713.0/169.0 Da
□ Baseline □ Missed
□ Wrong Peak

☐ Before ☐ After

Columbia Analytical Services

Created with Analyst Reporter
Printed: 18/02/2010 4:02:00 PM

Project	Ewan's Projects\PFCs
Data File	021710\SamplesShort.wiff
Result Table	021710short.rdb
Instrument Name	API 5000

Sample Name	K1001011-016	**Injection Volume**	5
Acquisition Date	2/18/2010 4:32:41 AM	**Sample Type**	Unknown
Acquisition Method	PFCkinetexShort.dam	**Dilution Factor**	1.00
Injection Vial	40	**Weight to Volume**	0.00

Results Summary

Analyte Peak Name	IS Name	IS Area	Analyte RT (Exp RT)	Analyte Area	Calc. Conc (ng/mL)	Modified?
PFBA 1	13C-PFBA	824050	1.24 (1.27)	20324	0.17	No
PFPeA 1	13C-PFHxA	5695200	3.53 (3.60)	91549	0.16	No
PFBS 1	18O-PFHS	3422900	4.19 (4.26)	135500	0.13	No
PFHxA 1	13C-PFHxA	5695200	5.23 (5.31)	185620	0.26	No
PFHpA 1	13C-PFHxA	5695200	6.14 (6.23)	45197	0.17	No
PFHxS 1	18O-PFHS	3422900	6.23 (6.32)	1148600	1.00	No
S_18O-PFHS	13C-PFDA	4323500	6.23 (6.31)	3422900	0.98	No
S_13C-PFDA	13C-PFDA	4323500	7.52 (7.65)	4323500	1.00	No

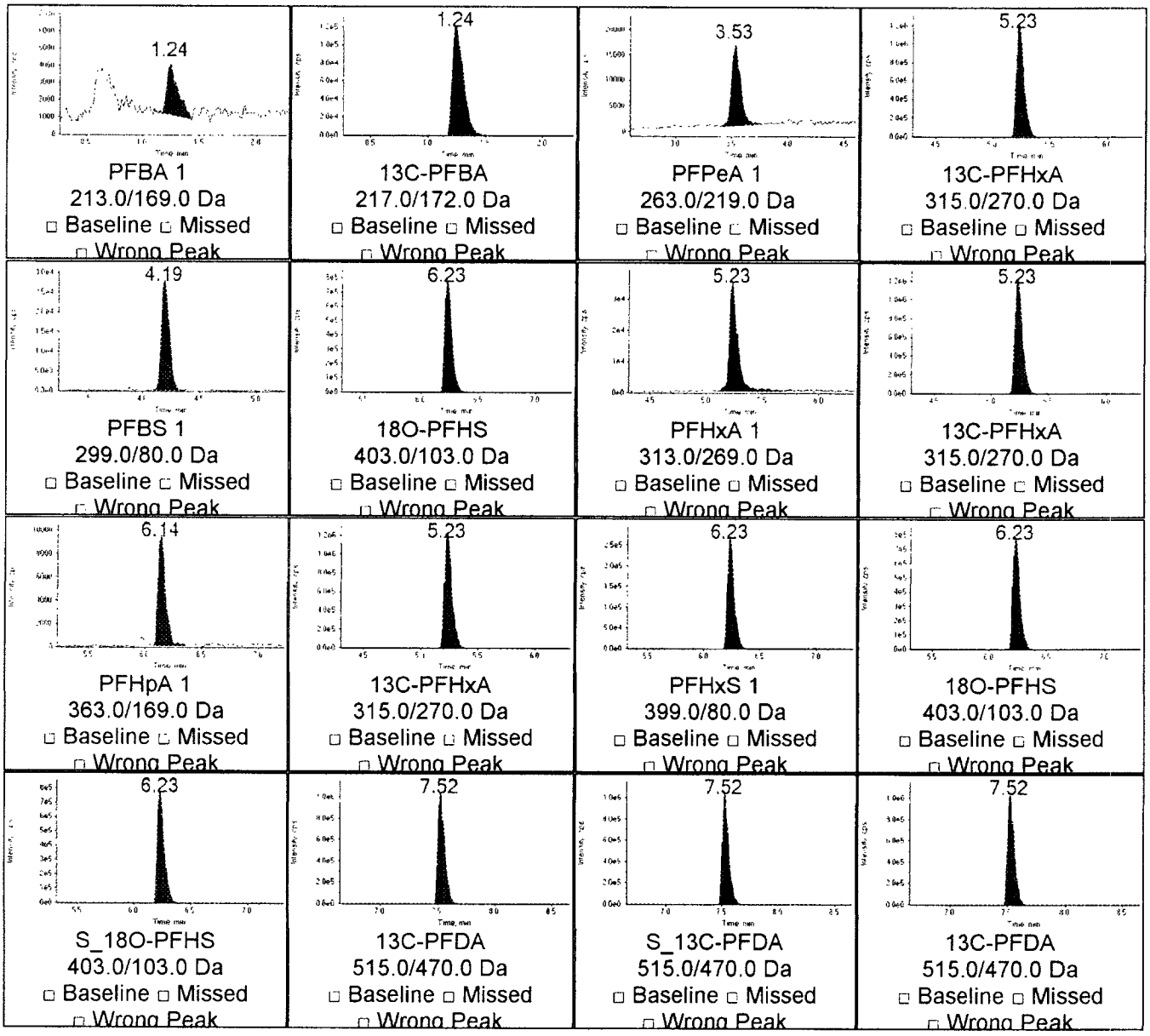
Etdp
ET-S
2/18/10

IRC Summary

Analyte Peak Name	RT (Exp RT)	Area	Modified?	Calc (Exp) MRM Ratio	Ratio Confirms ID
PFBA 2	1.24 (1.27)	20324	No	1.00 (1.00)	YES
PFPeA 2	3.53 (3.60)	91549	No	1.00 (1.00)	YES
PFBS 2	4.19 (4.26)	50754	No	0.37 (0.40)	YES
PFHxA 2	5.23 (5.31)	15491	No	0.08 (0.10)	YES
PFHpA 2	6.15 (6.22)	134270	No	2.97 (2.90)	YES
PFHxS 2	6.22 (6.32)	432750	No	0.38 (0.40)	YES
S_13C-PFBA	1.24 (1.26)	824050	No	40.55 (13.20)	No
S_13C-PFHxA	5.23 (5.30)	5695200	No	30.68 (13.71)	No

Columbia Analytical Services

Quantitative Peak Review K1001011-016

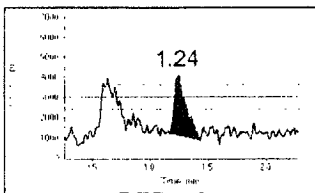


☐ Before ☐ After

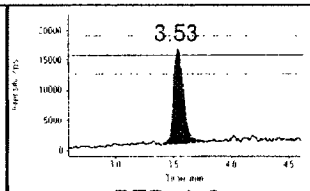
EFS

Columbia Analytical Services

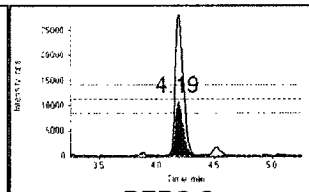
Ion Ratio Confirmation K1001011-016



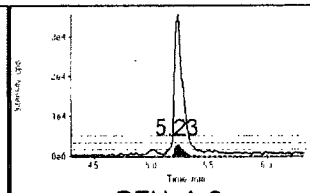
PFBA 2
213.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



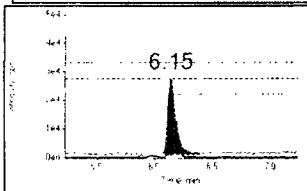
PFPeA 2
263.0/219.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



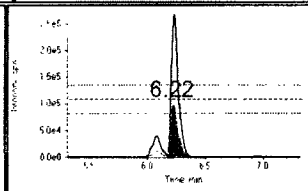
PFBS 2
299.0/99.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



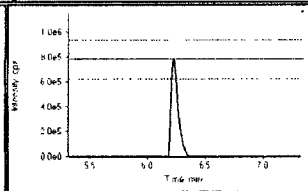
PFHxA 2
313.0/119.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFHpA 2
363.0/319.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFHxS 2
399.0/99.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



S_13C-PFDA
515.0/470.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak

This image is not available

N/A

☐ Baseline ☐ Missed
☐ Wrong Peak

NB. PFBA and PFPeA do not have qualifying ion transitions.

☐ Before ☐ After

Columbia Analytical Services

Project	Ewan's Projects\PFCs
Data File	021710\SamplesLong.wiff
Result Table	021710long.rdb
Instrument Name	API 5000

Sample Name	K1001011-017	**Injection Volume**	5
Acquisition Date	2/17/2010 10:09:37 PM	**Sample Type**	Unknown
Acquisition Method	PFCkinetexLong.dam	**Dilution Factor**	1.00
Injection Vial	41	**Weight to Volume**	0.00

Results Summary

Analyte Peak Name	IS Name	IS Area	Analyte RT (Exp RT)	Analyte Area	Calc. Conc (ng/mL)	Modified?
PFOA 1	13C-PFOA	3967000	1.22 (1.36)	65500	0.354	No
PFNA 1	13C-PFNA	2756400	1.96 (2.06)	~~11838~~	~~0.074~~ ND	No
PFOS 1	13C-PFOS	8420200	2.00 (2.09)	492520	0.562	No
PFDA 1	13C-PFDA	3174100	0.00 (3.06)	0	N/A	No
PFUnA 1	13C-PFUnA	108950	0.00 (3.88)	0	N/A	No
PFDS 1	13C-PFOS	8420200	4.04 (3.87)	~~317~~	~~0.021~~ ND	No
PFDoA 1	13C-PFDoA	177880	0.00 (4.55)	0	N/A	No
PFTrA 1	13C-PFDoA	177880	5.23 (5.06)	6232	N/A	No
PFTeA 1	13C-PFDoA	177880	5.71 (5.51)	~~5838~~	~~0.024~~ ND	No

2/19/10

Columbia Analytical Services

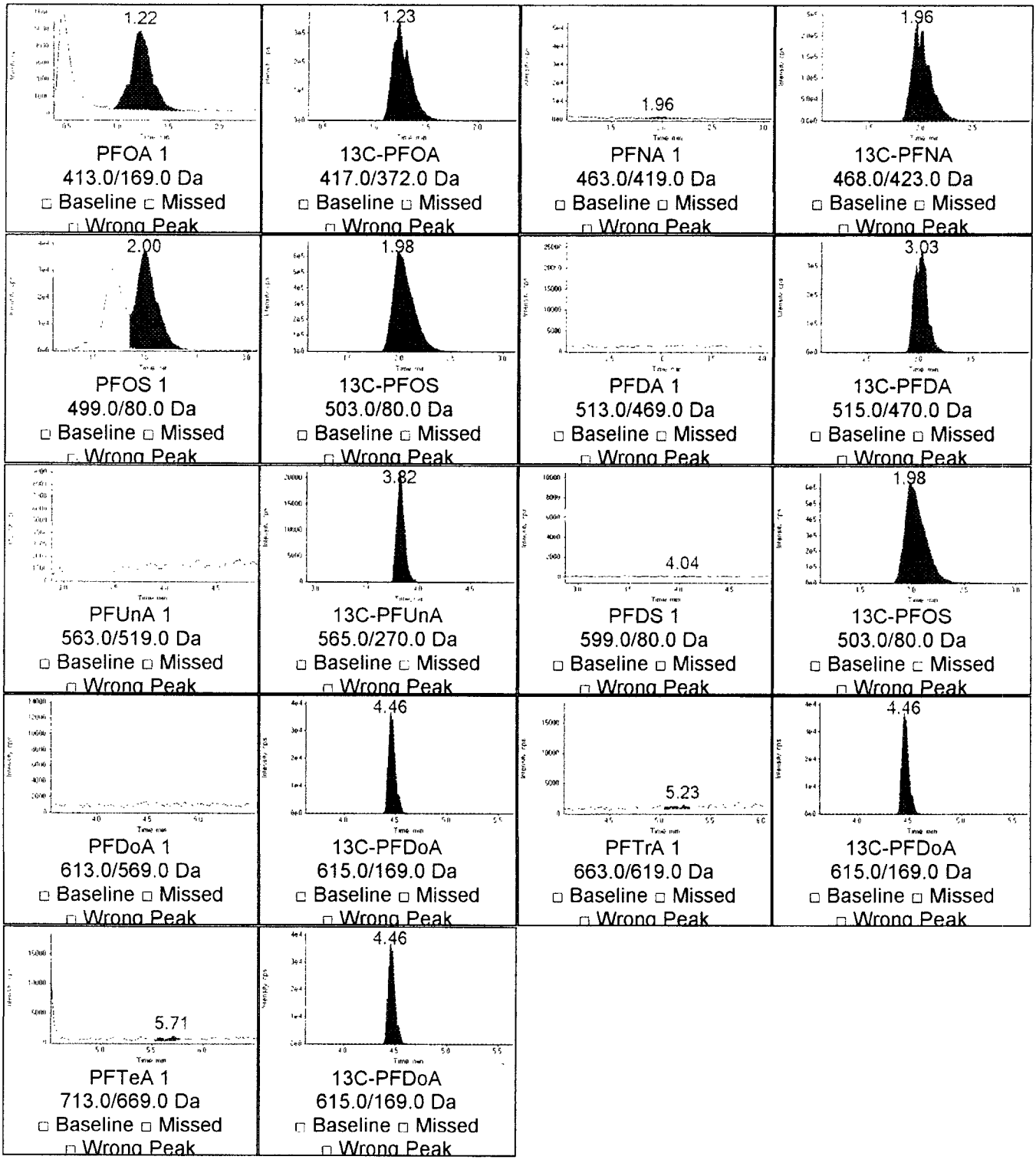
IRC Summary

Analyte Peak Name	RT (Exp RT)	Area	Modified?	Calc (Exp) MRM Ratio	Ratio Confirms ID
PFOA 2	1.22 (1.36)	97062	No	1.48 (2.16)	No
S_13C_PFOA	1.23 (1.36)	3967000	No	60.56 (43.19)	No
PFNA 2	1.92 (2.08)	2985	No	0.25 (0.34)	No
S_13C_PFNA	0.00 (2.44)	0	No	0.00 (0.00)	No
PFOS 2	1.99 (2.12)	155780	No	0.32 (0.32)	YES
S_13C-PFOS	1.98 (2.00)	8420200	No	17.10 (21.71)	No
PFDA 2	3.06 (3.06)	294	No	0.00 (0.14)	No
S_13C-PFDA	3.03 (3.04)	3174100	No	0.00 (17.53)	No
PFUnA 2	0.00 (3.88)	0	No	0.00 (0.19)	No
S_13C-PFUnA	3.82 (3.88)	108950	No	0.00 (1.60)	No
PFDS 2	0.00 (3.87)	0	No	0.00 (0.32)	No
PFDoA 2	0.00 (4.53)	0	No	0.00 (0.28)	No
S_13C-PFDoA	4.46 (4.64)	177880	No	0.00 (3.71)	No
PFTrA 2	5.16 (5.13)	388	No	0.06 (0.34)	No
PFTeA 2	5.52 (5.56)	240	No	0.04 (0.29)	No

Columbia Analytical Services

Quantitative Peak Review

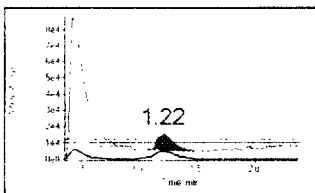
K1001011-017



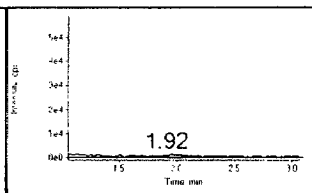
☐ Before ☐ After

Columbia Analytical Services

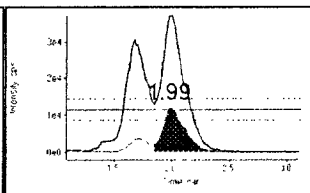
Ion Ratio Confirmation K1001011-017



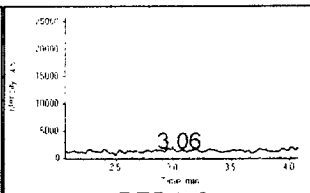
PFOA 2
413.0/369.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



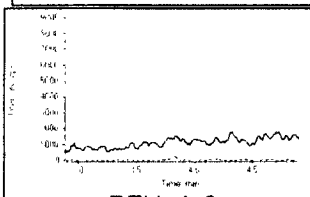
PFNA 2
463.0/219.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



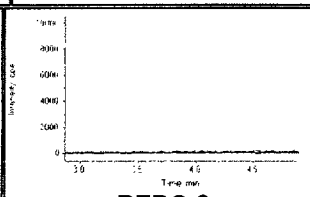
PFOS 2
499.0/99.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



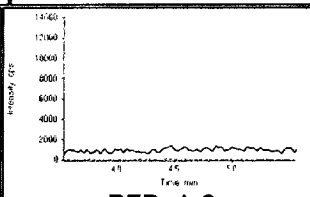
PFDA 2
513.0/269.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



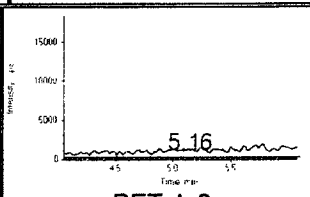
PFUnA 2
563.0/269.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



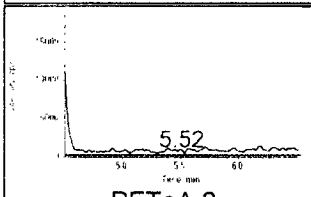
PFDS 2
599.0/99.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFDoA 2
613.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFTrA 2
663.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFTeA 2
713.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak

☐ Before ☐ After

Columbia Analytical Services

Project	Ewan's Projects\PFCs
Data File	021710\SamplesShort.wiff
Result Table	021710short.rdb
Instrument Name	API 5000

Sample Name	K1001011-017	**Injection Volume**	5
Acquisition Date	2/18/2010 4:42:13 AM	**Sample Type**	Unknown
Acquisition Method	PFCkinetexShort.dam	**Dilution Factor**	1.00
Injection Vial	41	**Weight to Volume**	0.00

Results Summary

Analyte Peak Name	IS Name	IS Area	Analyte RT (Exp RT)	Analyte Area	Calc. Conc (ng/mL)	Modified?
PFBA 1	13C-PFBA	5334200	1.23 (1.27)	81761	0.08	No
PFPeA 1	13C-PFHxA	6702200	3.53 (3.60)	144930	0.22	No
PFBS 1	18O-PFHS	3931100	4.18 (4.26)	101780	0.09	No
PFHxA 1	13C-PFHxA	6702200	5.23 (5.31)	163070	0.18	No
PFHpA 1	13C-PFHxA	6702200	6.14 (6.23)	34858	0.09	No
PFHxS 1	18O-PFHS	3931100	6.24 (6.32)	385530	0.28	No
S_18O-PFHS	13C-PFDA	4924800	6.23 (6.31)	3931100	0.99	No
S_13C-PFDA	13C-PFDA	4924800	7.54 (7.65)	4924800	1.00	No

2/19/10

EFS 2/18/10

Columbia Analytical Services

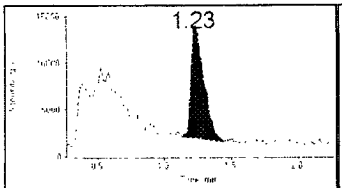
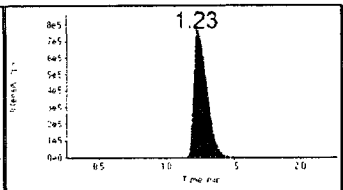
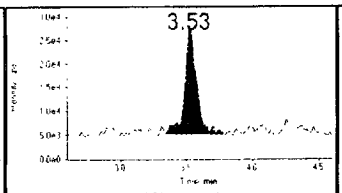
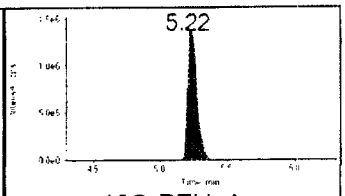
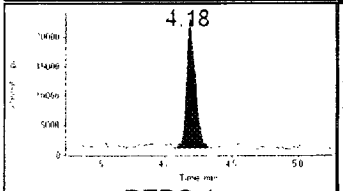
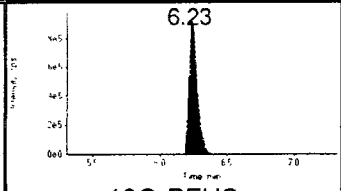
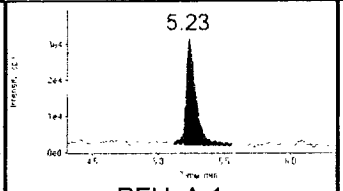
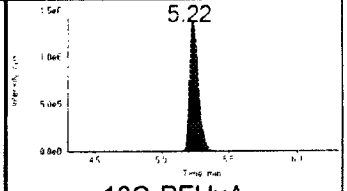
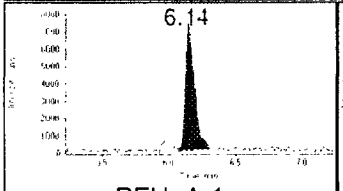
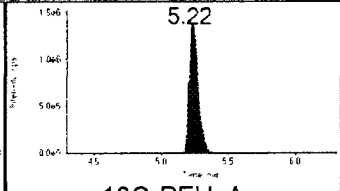
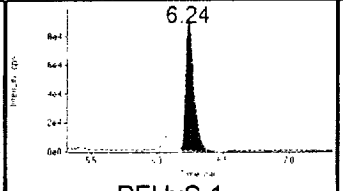
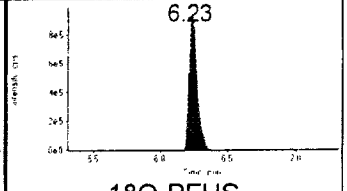
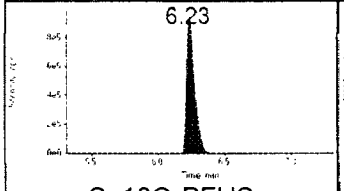
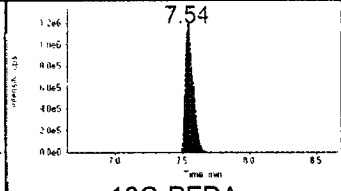
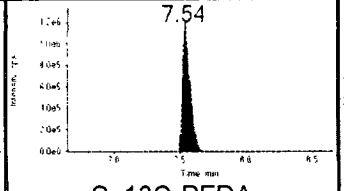
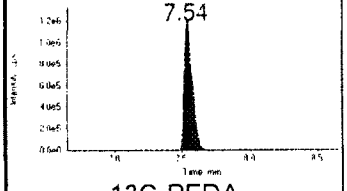
IRC Summary

Analyte Peak Name	RT (Exp RT)	Area	Modified?	Calc (Exp) MRM Ratio	Ratio Confirms ID
PFBA 2	1.23 (1.27)	81761	No	1.00 (1.00)	YES
PFPeA 2	3.53 (3.60)	144930	No	1.00 (1.00)	YES
PFBS 2	4.18 (4.26)	39095	No	0.38 (0.40)	YES
PFHxA 2	5.22 (5.31)	14405	No	0.09 (0.10)	YES
PFHpA 2	6.15 (6.22)	114080	No	3.27 (2.90)	YES
PFHxS 2	6.23 (6.32)	155860	No	0.40 (0.40)	YES
S_13C-PFBA	1.23 (1.26)	5334200	No	65.24 (13.20)	No
S_13C-PFHxA	5.22 (5.30)	6702200	No	41.10 (13.71)	No

Columbia Analytical Services

Quantitative Peak Review

K1001011-017

 1.23 PFBA 1 213.0/169.0 Da □ Baseline □ Missed □ Wrong Peak	 1.23 13C-PFBA 217.0/172.0 Da □ Baseline □ Missed □ Wrong Peak	 3.53 PFPeA 1 263.0/219.0 Da □ Baseline □ Missed □ Wrong Peak	 5.22 13C-PFHxA 315.0/270.0 Da □ Baseline □ Missed □ Wrong Peak
 4.18 PFBS 1 299.0/80.0 Da □ Baseline □ Missed □ Wrong Peak	 6.23 18O-PFHS 403.0/103.0 Da □ Baseline □ Missed □ Wrong Peak	 5.23 PFHxA 1 313.0/269.0 Da □ Baseline □ Missed □ Wrong Peak	 5.22 13C-PFHxA 315.0/270.0 Da □ Baseline □ Missed □ Wrong Peak
 6.14 PFHpA 1 363.0/169.0 Da □ Baseline □ Missed □ Wrong Peak	 5.22 13C-PFHxA 315.0/270.0 Da □ Baseline □ Missed □ Wrong Peak	 6.24 PFHxS 1 399.0/80.0 Da □ Baseline □ Missed □ Wrong Peak	 6.23 18O-PFHS 403.0/103.0 Da □ Baseline □ Missed □ Wrong Peak
 6.23 S_18O-PFHS 403.0/103.0 Da □ Baseline □ Missed □ Wrong Peak	 7.54 13C-PFDA 515.0/470.0 Da □ Baseline □ Missed □ Wrong Peak	 7.54 S_13C-PFDA 515.0/470.0 Da □ Baseline □ Missed □ Wrong Peak	 7.54 13C-PFDA 515.0/470.0 Da □ Baseline □ Missed □ Wrong Peak

☐ Before ☐ After

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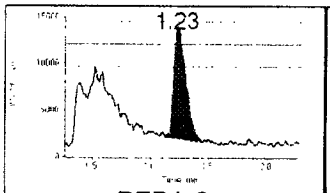
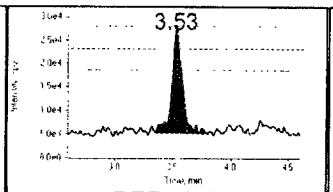
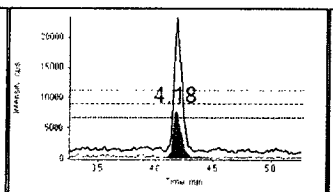
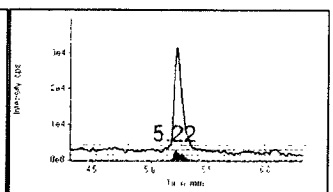
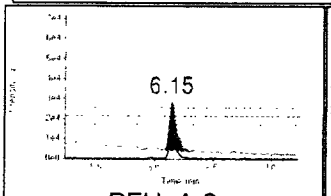
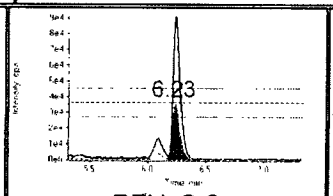
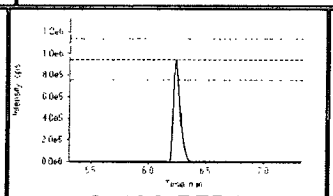
Ion Ratio Confirmation K1001011-017

 PFBA 2 213.0/169.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak	 PFPeA 2 263.0/219.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak	 PFBS 2 299.0/99.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak	 PFHxA 2 313.0/119.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak
 PFHpA 2 363.0/319.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak	 PFHxS 2 399.0/99.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak	 S_13C-PFDA 515.0/470.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak	This image is not available N/A ☐ Baseline ☐ Missed ☐ Wrong Peak

NB. PFBA and PFPeA do not have qualifying ion transitions.

☐ Before ☐ After

Columbia Analytical Services

Project	Ewan's Projects\PFCs
Data File	021710\SamplesLong.wiff
Result Table	021710long.rdb
Instrument Name	API 5000

Sample Name	K1001011-018	**Injection Volume**	5
Acquisition Date	2/17/2010 10:17:12 PM	**Sample Type**	Unknown
Acquisition Method	PFCkinetexLong.dam	**Dilution Factor**	1.00
Injection Vial	42	**Weight to Volume**	0.00

Results Summary

Analyte Peak Name	IS Name	IS Area	Analyte RT (Exp RT)	Analyte Area	Calc. Conc (ng/mL)	Modified?
PFOA 1	13C-PFOA	3997500	1.23 (1.36)	58048	0.315	No
PFNA 1	13C-PFNA	2750600	2.06 (2.06)	12506	0.076	No
PFOS 1	13C-PFOS	8544600	2.05 (2.09)	312660	0.357	No
PFDA 1	13C-PFDA	2954300	0.00 (3.06)	0	N/A	No
PFUnA 1	13C-PFUnA	155620	3.85 (3.88)	18551	0.082	No
PFDS 1	13C-PFOS	8544600	3.86 (3.87)	61025	0.081	No
PFDoA 1	13C-PFDoA	303910	4.50 (4.55)	14090	0.084	No
PFTrA 1	13C-PFDoA	303910	5.03 (5.06)	7648	N/A	No
PFTeA 1	13C-PFDoA	303910	5.50 (5.51)	5367	N/A	No

2/19/10

ETS
2/19/10

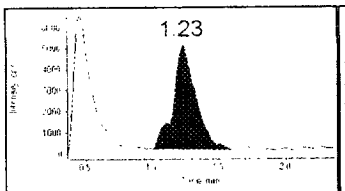
IRC Summary

Analyte Peak Name	RT (Exp RT)	Area	Modified?	Calc (Exp) MRM Ratio	Ratio Confirms ID
PFOA 2	1.25 (1.36)	82975	No	1.43 (2.16)	No
S_13C_PFOA	1.23 (1.36)	3997500	No	68.87 (43.19)	No
PFNA 2	2.04 (2.08)	2855	No	0.23 (0.34)	No
S_13C_PFNA	0.00 (2.44)	0	No	0.00 (0.00)	No
PFOS 2	2.06 (2.12)	98726	No	0.32 (0.32)	YES
S_13C-PFOS	2.03 (2.00)	8544600	No	27.33 (21.71)	No
PFDA 2	3.06 (3.06)	788	No	0.00 (0.14)	No
S_13C-PFDA	3.03 (3.04)	2954300	No	0.00 (17.53)	No
PFUnA 2	3.88 (3.88)	2663	No	0.14 (0.19)	YES
S_13C-PFUnA	3.85 (3.88)	155620	No	8.39 (1.60)	No
PFDS 2	3.87 (3.87)	21914	No	0.36 (0.32)	YES
PFDoA 2	4.52 (4.53)	3704	No	0.26 (0.28)	YES
S_13C-PFDoA	4.52 (4.64)	303910	No	21.57 (3.71)	No
PFTrA 2	5.03 (5.13)	2136	No	0.28 (0.34)	YES
PFTeA 2	5.51 (5.56)	1067	No	0.20 (0.29)	No

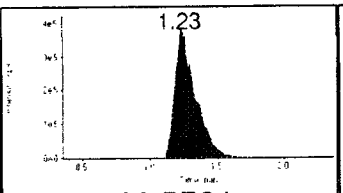
Columbia Analytical Services

Quantitative Peak Review

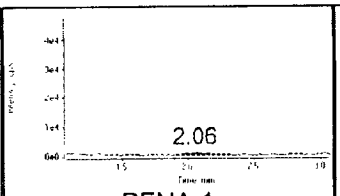
K1001011-018



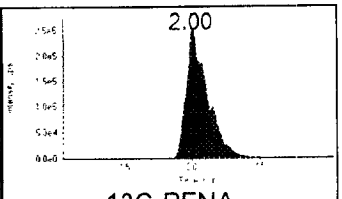
PFOA 1
413.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



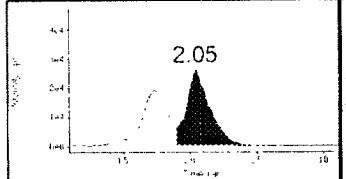
13C-PFOA
417.0/372.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



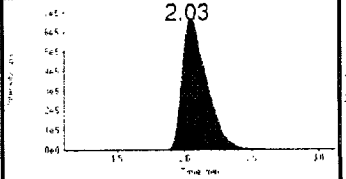
PFNA 1
463.0/419.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



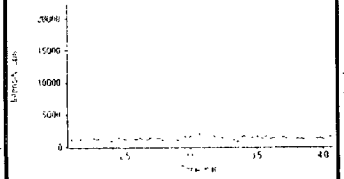
13C-PFNA
468.0/423.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



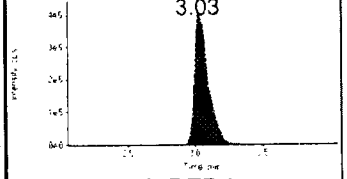
PFOS 1
499.0/80.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



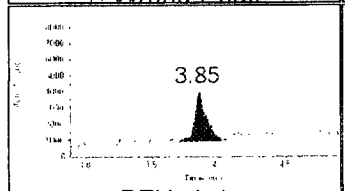
13C-PFOS
503.0/80.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



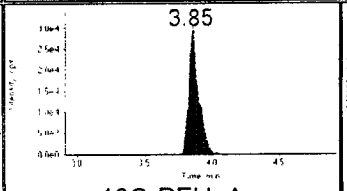
PFDA 1
513.0/469.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



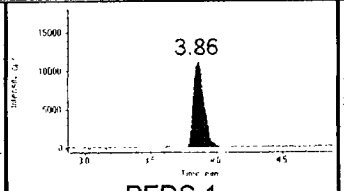
13C-PFDA
515.0/470.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



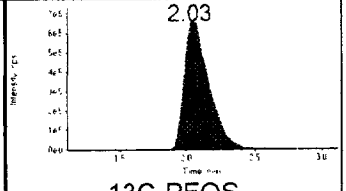
PFUnA 1
563.0/519.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



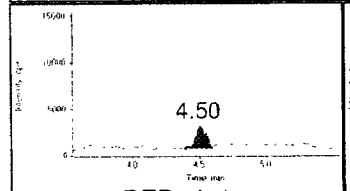
13C-PFUnA
565.0/270.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



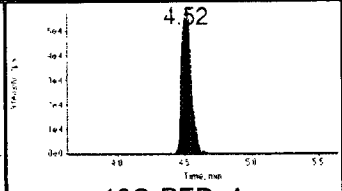
PFDS 1
599.0/80.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



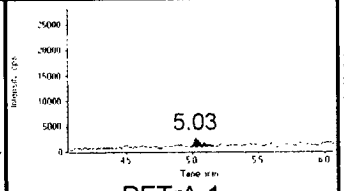
13C-PFOS
503.0/80.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



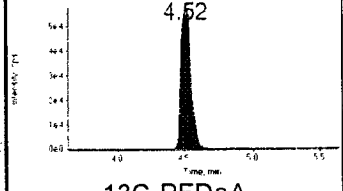
PFDoA 1
613.0/569.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



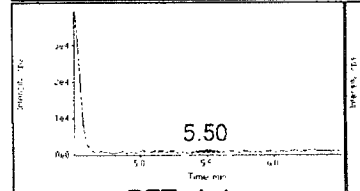
13C-PFDoA
615.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



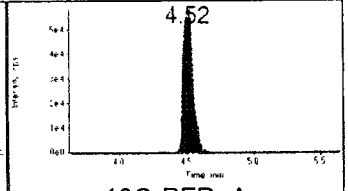
PFTrA 1
663.0/619.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



13C-PFDoA
615.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFTeA 1
713.0/669.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



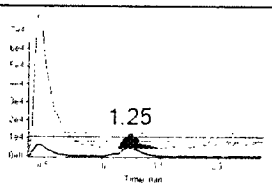
13C-PFDoA
615.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak

☐ Before ☐ After

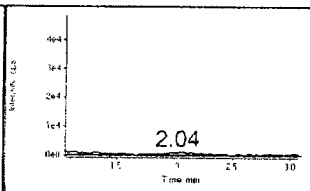
Columbia Analytical Services

Ion Ratio Confirmation

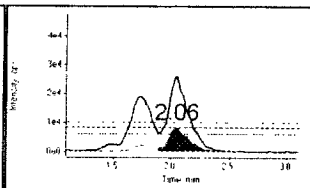
K1001011-018



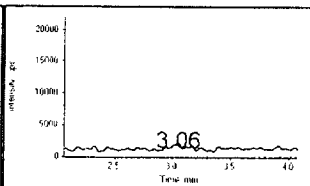
PFOA 2
413.0/369.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



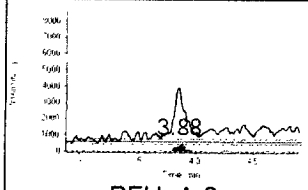
PFNA 2
463.0/219.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



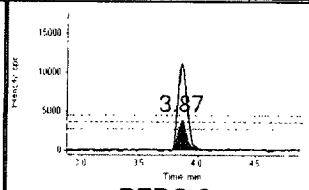
PFOS 2
499.0/99.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



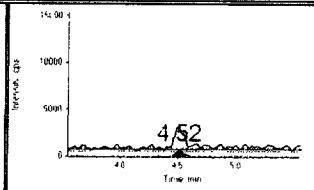
PFDA 2
513.0/269.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



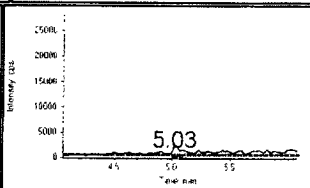
PFUnA 2
563.0/269.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



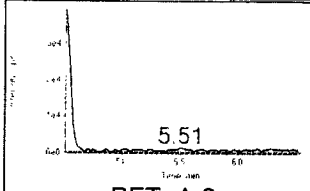
PFDS 2
599.0/99.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFDoA 2
613.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFTrA 2
663.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFTeA 2
713.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak

☐ Before ☐ After

Created with Analyst Reporter
Printed: 18/02/2010 4:02:00 PM

Columbia Analytical Services

Project	Ewan's Projects\PFCs
Data File	021710\SamplesShort.wiff
Result Table	021710short.rdb
Instrument Name	API 5000

Sample Name	K1001011-018	**Injection Volume**	5
Acquisition Date	2/18/2010 4:51:45 AM	**Sample Type**	Unknown
Acquisition Method	PFCkinetexShort.dam	**Dilution Factor**	1.00
Injection Vial	42	**Weight to Volume**	0.00

Results Summary

Analyte Peak Name	IS Name	IS Area	Analyte RT (Exp RT)	Analyte Area	Calc. Conc (ng/mL)	Modified?
PFBA 1	13C-PFBA	5804400	1.23 (1.27)	101120	0.10	No
PFPeA 1	13C-PFHxA	6964500	3.53 (3.60)	117070	0.17	No
PFBS 1	18O-PFHS	3836700	4.19 (4.26)	89654	0.09	No
PFHxA 1	13C-PFHxA	6964500	5.24 (5.31)	162880	0.17	No
PFHpA 1	13C-PFHxA	6964500	6.16 (6.23)	36202	0.09	No
PFHxS 1	18O-PFHS	3836700	6.25 (6.32)	266200	0.20	No
S_18O-PFHS	13C-PFDA	4471900	6.25 (6.31)	3836700	1.06	No
S_13C-PFDA	13C-PFDA	4471900	7.55 (7.65)	4471900	1.00	No

2/18/10

2/18/10

IRC Summary

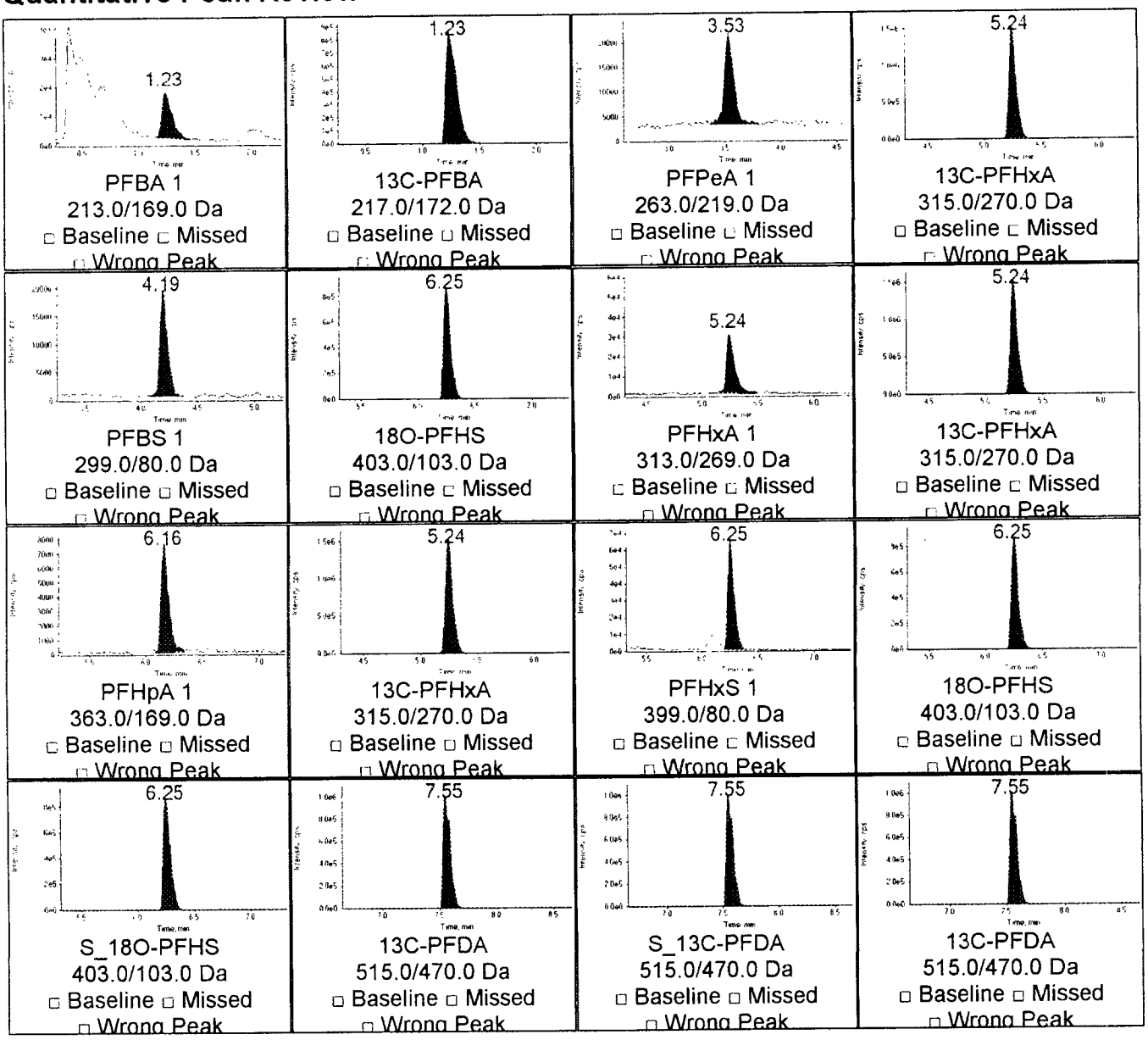
Analyte Peak Name	RT (Exp RT)	Area	Modified?	Calc (Exp) MRM Ratio	Ratio Confirms ID
PFBA 2	1.23 (1.27)	101120	No	1.00 (1.00)	YES
PFPeA 2	3.53 (3.60)	117070	No	1.00 (1.00)	YES
PFBS 2	4.20 (4.26)	33834	No	0.38 (0.40)	YES
PFHxA 2	5.24 (5.31)	15886	No	0.10 (0.10)	YES
PFHpA 2	6.16 (6.22)	111520	No	3.08 (2.90)	YES
PFHxS 2	6.25 (6.32)	102390	No	0.38 (0.40)	YES
S_13C-PFBA	1.23 (1.26)	5804400	No	57.40 (13.20)	No
S_13C-PFHxA	5.24 (5.30)	6964500	No	42.76 (13.71)	No

Created with Analyst Reporter
Printed: 18/02/2010 4:02:00 PM

Columbia Analytical Services

Quantitative Peak Review

K1001011-018

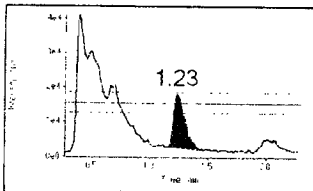
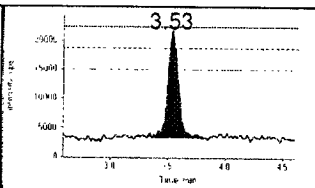
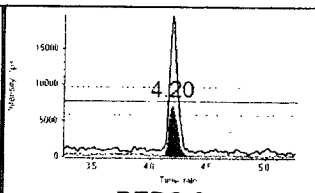
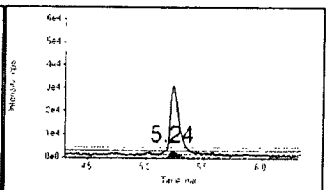
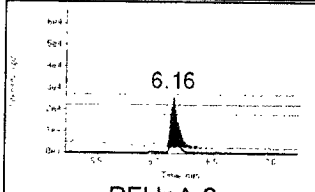
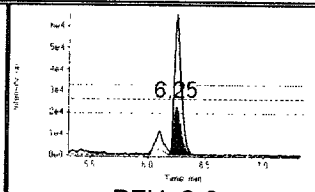
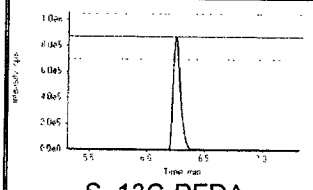


☐ Before ☐ After

Columbia Analytical Services

Ion Ratio Confirmation

K1001011-018

 PFBA 2 213.0/169.0 Da □ Baseline ⌞ Missed □ Wrong Peak	 PFPeA 2 263.0/219.0 Da □ Baseline □ Missed □ Wrong Peak	 PFBS 2 299.0/99.0 Da □ Baseline □ Missed □ Wrong Peak	 PFHxA 2 313.0/119.0 Da □ Baseline □ Missed □ Wrong Peak
 PFHpA 2 363.0/319.0 Da □ Baseline □ Missed □ Wrong Peak	 PFHxS 2 399.0/99.0 Da □ Baseline □ Missed □ Wrong Peak	 S_13C-PFDA 515.0/470.0 Da □ Baseline □ Missed □ Wrong Peak	This image is not available N/A □ Baseline □ Missed □ Wrong Peak

NB. PFBA and PFPeA do not have qualifying ion transitions.

☐ Before ☐ After

Columbia Analytical Services

Project	Ewan's Projects\PFCs
Data File	021710\SamplesLong.wiff
Result Table	021710long.rdb
Instrument Name	API 5000

Sample Name	K1001011-019	**Injection Volume**	5
Acquisition Date	2/17/2010 10:24:43 PM	**Sample Type**	Unknown
Acquisition Method	PFCkinetexLong.dam	**Dilution Factor**	1.00
Injection Vial	43	**Weight to Volume**	0.00

Results Summary

Analyte Peak Name	IS Name	IS Area	Analyte RT (Exp RT)	Analyte Area	Calc. Conc (ng/mL)	Modified?
PFOA 1	13C-PFOA	4089900	1.23 (1.36)	975690	4.730	No
PFNA 1	13C-PFNA	2974900	2.05 (2.06)	9366	0.063	No
PFOS 1	13C-PFOS	9540700	2.06 (2.09)	389500	0.397	No
PFDA 1	13C-PFDA	2900400	0.00 (3.06)	0	N/A	No
PFUnA 1	13C-PFUnA	133900	3.90 (4.06)	~~11507~~ & 2/18/10	~~0.050~~ ND	No
PFDS 1	13C-PFOS	9540700	3.89 (3.87)	6173	0.026	No
PFDoA 1	13C-PFDoA	193780	0.00 (4.55)	0	N/A	No
PFTrA 1	13C-PFDoA	193780	5.24 (5.06)	1742	N/A	No
PFTeA 1	13C-PFDoA	193780	0.00 (5.51)	0	N/A	No

EVS
2/18/10

Columbia Analytical Services

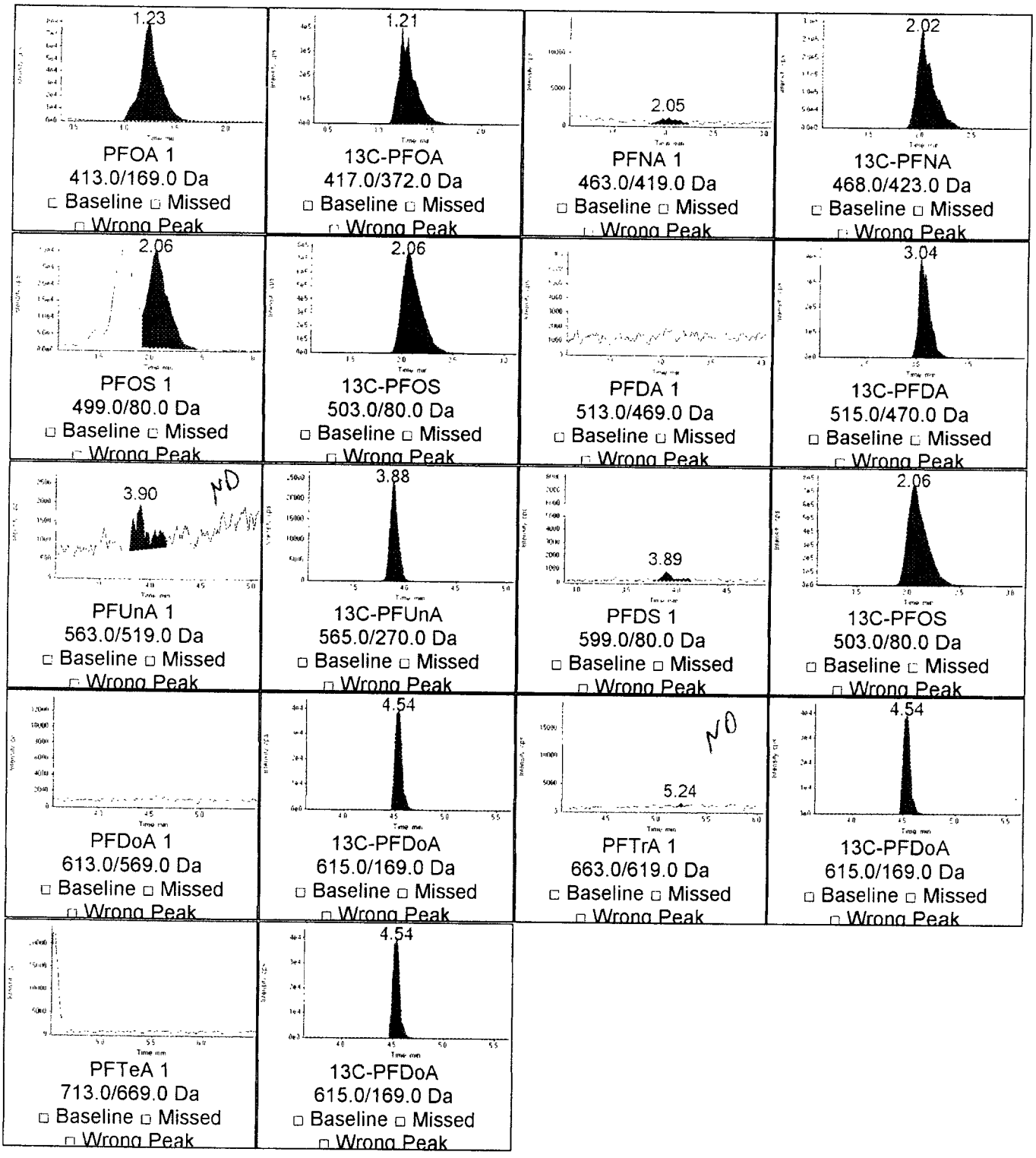
IRC Summary

Analyte Peak Name	RT (Exp RT)	Area	Modified?	Calc (Exp) MRM Ratio	Ratio Confirms ID
PFOA 2	1.27 (1.36)	1883600	No	1.93 (2.16)	YES
S_13C_PFOA	1.21 (1.36)	4089900	No	4.19 (43.19)	No
PFNA 2	2.02 (2.08)	1161	No	0.12 (0.34)	No
S_13C_PFNA	0.00 (2.44)	0	No	0.00 (0.00)	No
PFOS 2	2.04 (2.12)	126530	No	0.32 (0.32)	YES
S_13C-PFOS	2.06 (2.00)	9540700	No	24.49 (21.71)	YES
PFDA 2	3.03 (3.06)	765	No	0.00 (0.14)	No
S_13C-PFDA	3.04 (3.04)	2900400	No	0.00 (17.53)	No
PFUnA 2	0.00 (3.88)	0	No	0.00 (0.19)	No
S_13C-PFUnA	3.88 (3.88)	133900	No	11.64 (1.60)	No
PFDS 2	0.00 (3.87)	0	No	0.00 (0.32)	No
PFDoA 2	0.00 (4.53)	0	No	0.00 (0.28)	No
S_13C-PFDoA	4.54 (4.64)	193780	No	0.00 (3.71)	No
PFTrA 2	5.04 (5.13)	390	No	0.22 (0.34)	No
PFTeA 2	5.58 (5.56)	164	No	0.00 (0.29)	No

Columbia Analytical Services

Quantitative Peak Review

K1001011-019



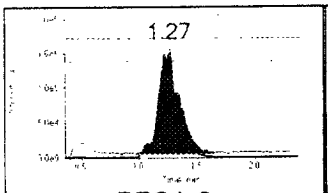
Baseline Missed Wrong Peak

☐ Before ☐ After

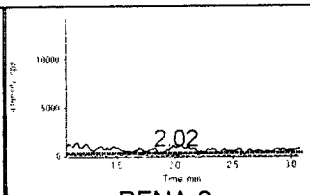
Columbia Analytical Services

Ion Ratio Confirmation

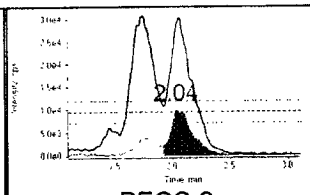
K1001011-019



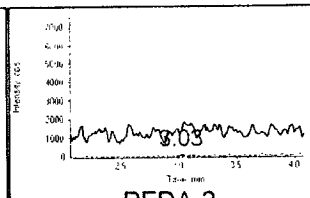
PFOA 2
413.0/369.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



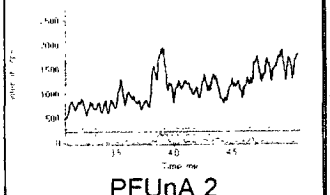
PFNA 2
463.0/219.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



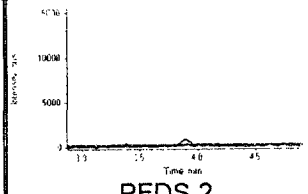
PFOS 2
499.0/99.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



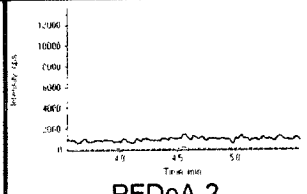
PFDA 2
513.0/269.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



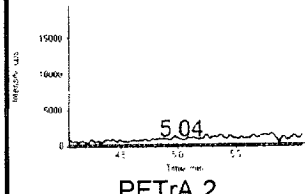
PFUnA 2
563.0/269.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



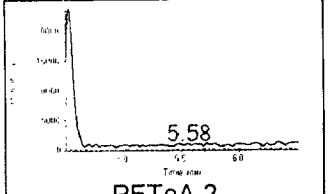
PFDS 2
599.0/99.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFDoA 2
613.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFTrA 2
663.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFTeA 2
713.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak

☐ Before ☐ After

Project	Ewan's Projects\PFCs
Data File	021710\SamplesShort.wiff
Result Table	021710short.rdb
Instrument Name	API 5000

Sample Name	K1001011-019	**Injection Volume**	5
Acquisition Date	2/18/2010 5:01:18 AM	**Sample Type**	Unknown
Acquisition Method	PFCkinetexShort.dam	**Dilution Factor**	1.00
Injection Vial	43	**Weight to Volume**	0.00

Results Summary

Analyte Peak Name	IS Name	IS Area	Analyte RT (Exp RT)	Analyte Area	Calc. Conc (ng/mL)	Modified?
PFBA 1	13C-PFBA	5210000	1.24 (1.27)	72943	0.07	No
PFPeA 1	13C-PFHxA	6667800	3.54 (3.60)	141380	0.21	No
PFBS 1	18O-PFHS	4452800	4.20 (4.26)	197990	0.14	No
PFHxA 1	13C-PFHxA	6667800	5.25 (5.31)	239440	0.30	No
PFHpA 1	13C-PFHxA	6667800	6.16 (6.23)	66041	0.22	No
PFHxS 1	18O-PFHS	4452800	6.26 (6.32)	592000	0.39	No
S_18O-PFHS	13C-PFDA	4112800	6.25 (6.31)	4452800	1.34	No
S_13C-PFDA	13C-PFDA	4112800	7.55 (7.65)	4112800	1.00	No

2/18/10

2/18/10

Columbia Analytical Services

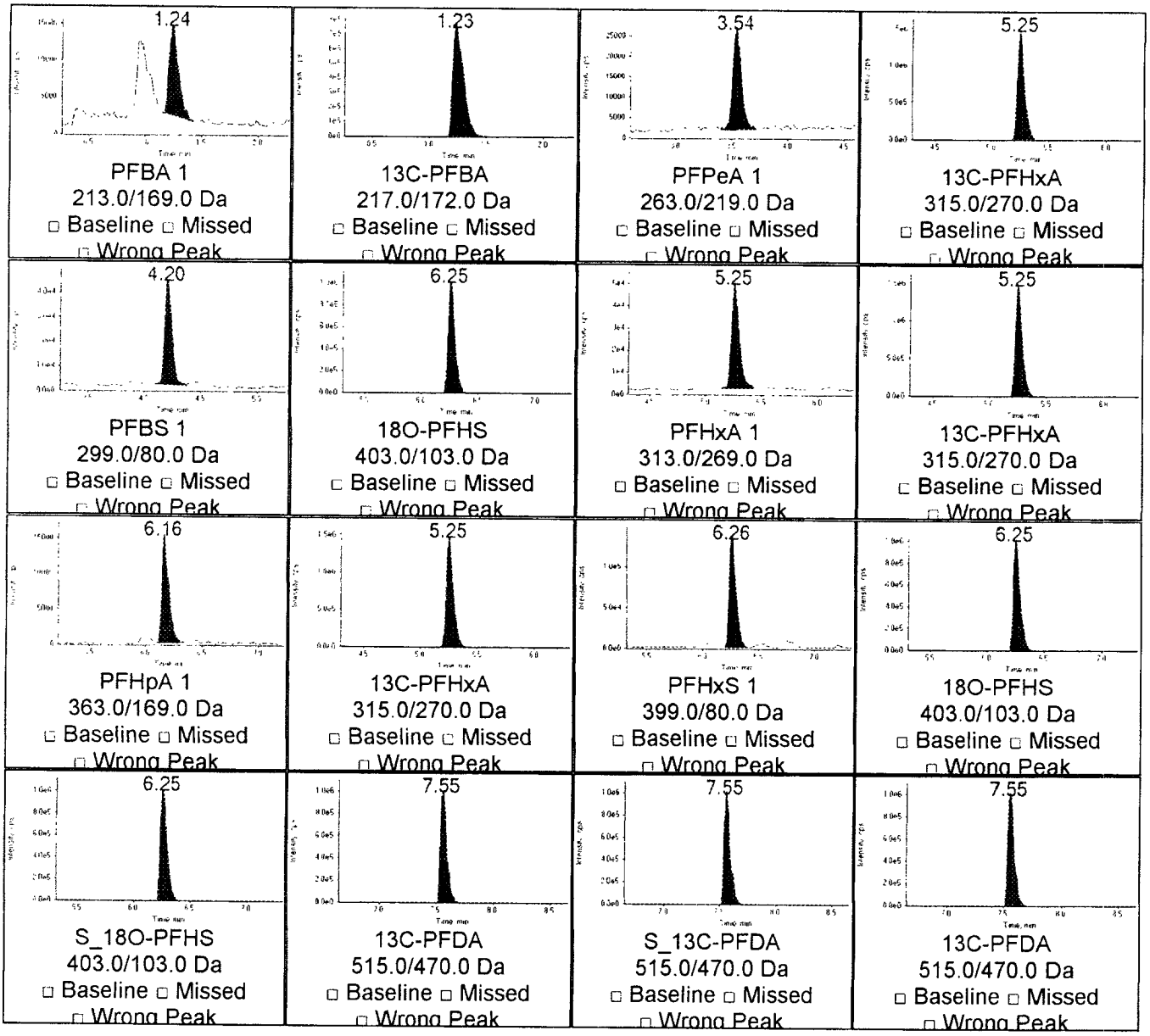
IRC Summary

Analyte Peak Name	RT (Exp RT)	Area	Modified?	Calc (Exp) MRM Ratio	Ratio Confirms ID
PFBA 2	1.24 (1.27)	72943	No	1.00 (1.00)	YES
PFPeA 2	3.54 (3.60)	141380	No	1.00 (1.00)	YES
PFBS 2	4.20 (4.26)	72821	No	0.37 (0.40)	YES
PFHxA 2	5.25 (5.31)	22867	No	0.10 (0.10)	YES
PFHpA 2	6.16 (6.22)	217250	No	3.29 (2.90)	YES
PFHxS 2	6.25 (6.32)	218250	No	0.37 (0.40)	YES
S_13C-PFBA	1.23 (1.26)	5210000	No	71.43 (13.20)	No
S_13C-PFHxA	5.25 (5.30)	6667800	No	27.85 (13.71)	No

Columbia Analytical Services

Quantitative Peak Review

K1001011-019

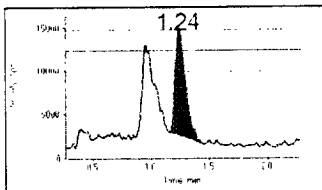


☐ Before ☐ After

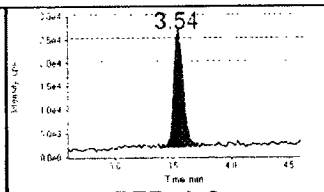
Columbia Analytical Services

Ion Ratio Confirmation

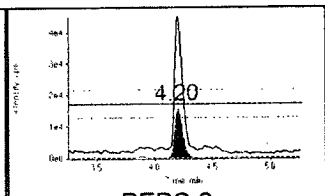
K1001011-019



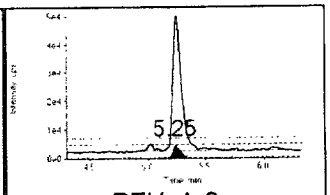
PFBA 2
213.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



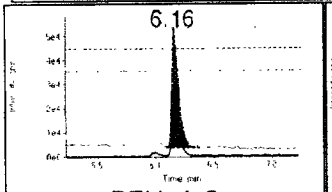
PFPeA 2
263.0/219.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



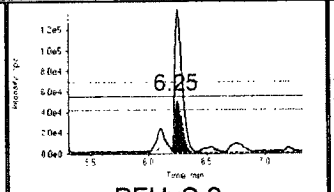
PFBS 2
299.0/99.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



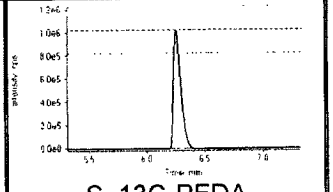
PFHxA 2
313.0/119.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFHpA 2
363.0/319.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFHxS 2
399.0/99.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



S_13C-PFDA
515.0/470.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak

This image is not available

N/A

☐ Baseline ☐ Missed
☐ Wrong Peak

NB. PFBA and PFPeA do not have qualifying ion transitions.

☐ Before ☐ After

Columbia Analytical Services

Project	Ewan's Projects\PFCs
Data File	021710\SamplesLong.wiff
Result Table	021710long.rdb
Instrument Name	API 5000

Sample Name	K1001011-020	**Injection Volume**	5
Acquisition Date	2/17/2010 10:32:17 PM	**Sample Type**	Unknown
Acquisition Method	PFCkinetexLong.dam	**Dilution Factor**	1.00
Injection Vial	44	**Weight to Volume**	0.00

Results Summary

Analyte Peak Name	IS Name	IS Area	Analyte RT (Exp RT)	Analyte Area	Calc. Conc (ng/mL)	Modified?
PFOA 1	13C-PFOA	3984000	1.23 (1.36)	944430	4.700	No
PFNA 1	13C-PFNA	2666600	2.05 (2.06)	17282	0.094	No
PFOS 1	13C-PFOS	8043300	2.09 (2.09)	371500	0.447	No
PFDA 1	13C-PFDA	2939100	0.00 (3.06)	0	N/A	No
PFUnA 1	13C-PFUnA	109160	3.91 (4.06)	10359	0.059	No
PFDS 1	13C-PFOS	8043300	3.93 (3.87)	2601	0.023	No
PFDoA 1	13C-PFDoA	146090	4.54 (4.55)	5410	0.069	No
PFTrA 1	13C-PFDoA	146090	5.19 (5.06)	3792	N/A	No
PFTeA 1	13C-PFDoA	146090	5.73 (5.51)	~~7675~~	~~0.104~~ ND	No

2/18/10

CTS
2/18/10

Columbia Analytical Services

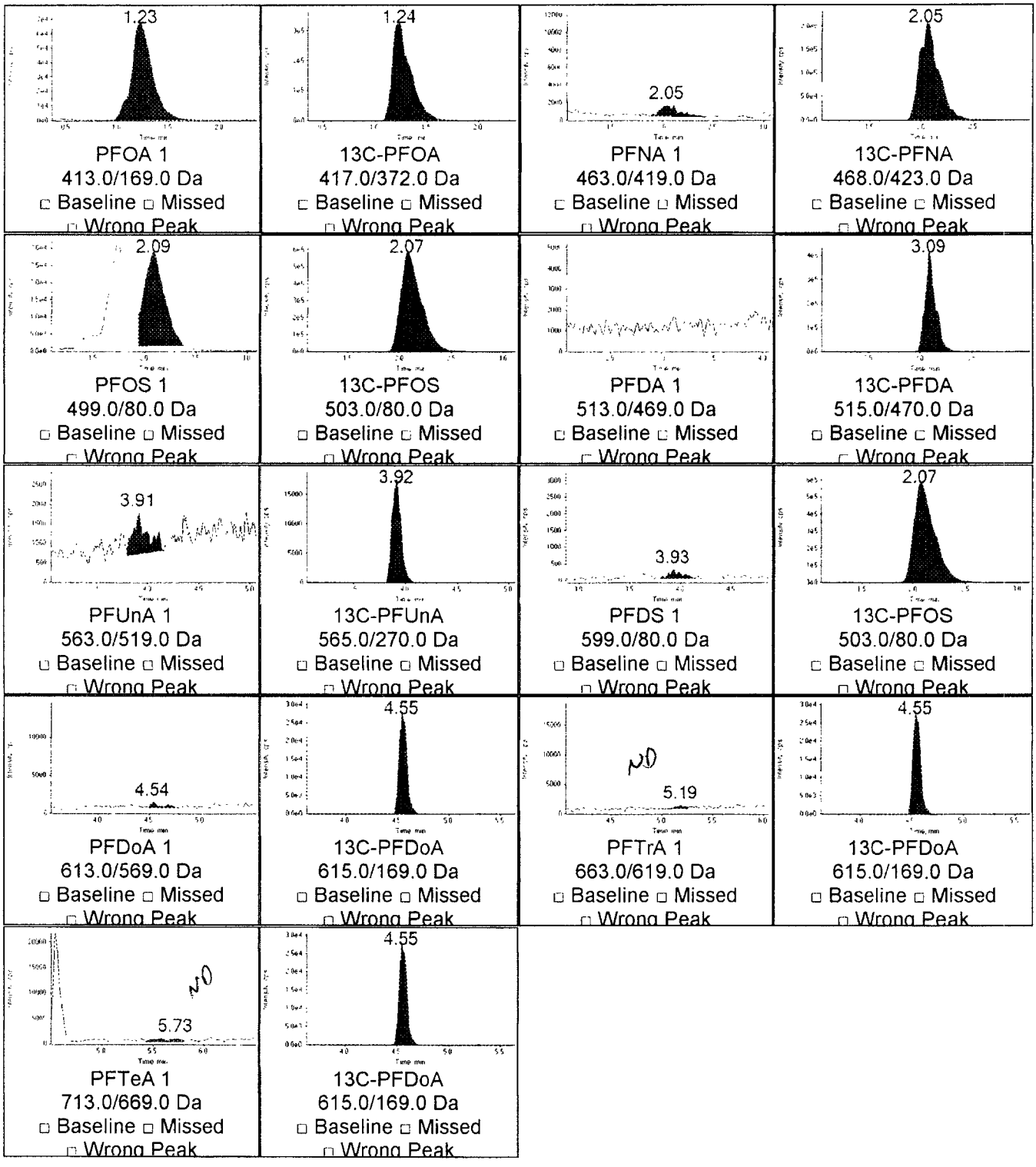
IRC Summary

Analyte Peak Name	RT (Exp RT)	Area	Modified?	Calc (Exp) MRM Ratio	Ratio Confirms ID
PFOA 2	1.21 (1.36)	1890100	No	2.00 (2.16)	YES
S_13C_PFOA	1.24 (1.36)	3984000	No	4.22 (43.19)	No
PFNA 2	2.07 (2.08)	5485	No	0.32 (0.34)	YES
S_13C_PFNA	0.00 (2.44)	0	No	0.00 (0.00)	No
PFOS 2	2.08 (2.12)	132060	No	0.36 (0.32)	YES
S_13C-PFOS	2.07 (2.00)	8043300	No	21.65 (21.71)	YES
PFDA 2	3.08 (3.06)	638	No	0.00 (0.14)	No
S_13C-PFDA	3.09 (3.04)	2939100	No	0.00 (17.53)	No
PFUnA 2	0.00 (3.88)	0	No	0.00 (0.19)	No
S_13C-PFUnA	3.92 (3.88)	109160	No	10.54 (1.60)	No
PFDS 2	0.00 (3.87)	0	No	0.00 (0.32)	No
PFDoA 2	0.00 (4.53)	0	No	0.00 (0.28)	No
S_13C-PFDoA	4.55 (4.64)	146090	No	27.00 (3.71)	No
PFTrA 2	5.08 (5.13)	407	No	0.11 (0.34)	No
PFTeA 2	5.55 (5.56)	215	No	0.03 (0.29)	No

Columbia Analytical Services

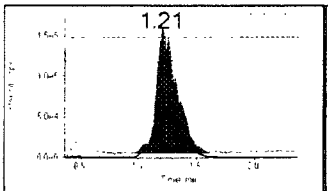
Quantitative Peak Review

K1001011-020

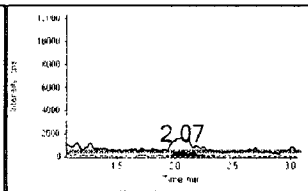


Columbia Analytical Services

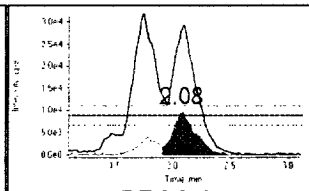
Ion Ratio Confirmation K1001011-020



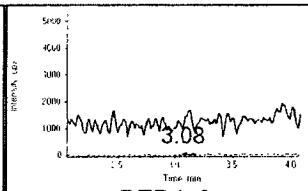
PFOA 2
413.0/369.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



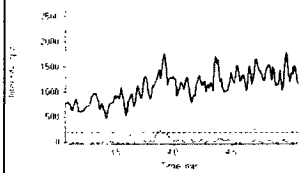
PFNA 2
463.0/219.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



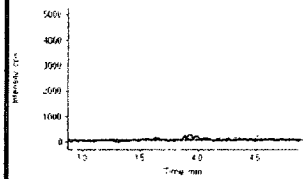
PFOS 2
499.0/99.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



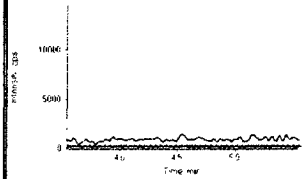
PFDA 2
513.0/269.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



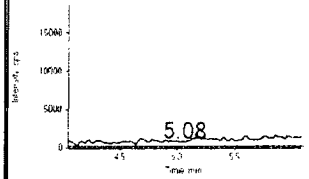
PFUnA 2
563.0/269.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



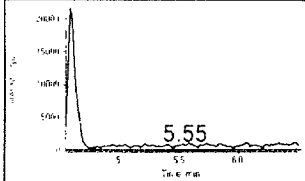
PFDS 2
599.0/99.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFDoA 2
613.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFTrA 2
663.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFTeA 2
713.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak

☐ Before ☐ After

Columbia Analytical Services

Project	Ewan's Projects\PFCs
Data File	021710\SamplesShort.wiff
Result Table	021710short.rdb
Instrument Name	API 5000

Sample Name	K1001011-020	**Injection Volume**	5
Acquisition Date	2/18/2010 5:10:53 AM	**Sample Type**	Unknown
Acquisition Method	PFCkinetexShort.dam	**Dilution Factor**	1.00
Injection Vial	44	**Weight to Volume**	0.00

Results Summary

Analyte Peak Name	IS Name	IS Area	Analyte RT (Exp RT)	Analyte Area	Calc. Conc (ng/mL)	Modified?
PFBA 1	13C-PFBA	5161300	1.22 (1.27)	89084	0.10	No
PFPeA 1	13C-PFHxA	6494100	3.53 (3.60)	139640	0.22	No
PFBS 1	18O-PFHS	3963900	4.20 (4.26)	201600	0.16	No
PFHxA 1	13C-PFHxA	6494100	5.25 (5.31)	258180	0.33	No
PFHpA 1	13C-PFHxA	6494100	6.16 (6.23)	70508	0.25	No
PFHxS 1	18O-PFHS	3963900	6.25 (6.32)	572060	0.42	No
S_18O-PFHS	13C-PFDA	4811100	6.25 (6.31)	3963900	1.02	No
S_13C-PFDA	13C-PFDA	4811100	7.55 (7.65)	4811100	1.00	No

2/19/10

2/18/10

Columbia Analytical Services

IRC Summary

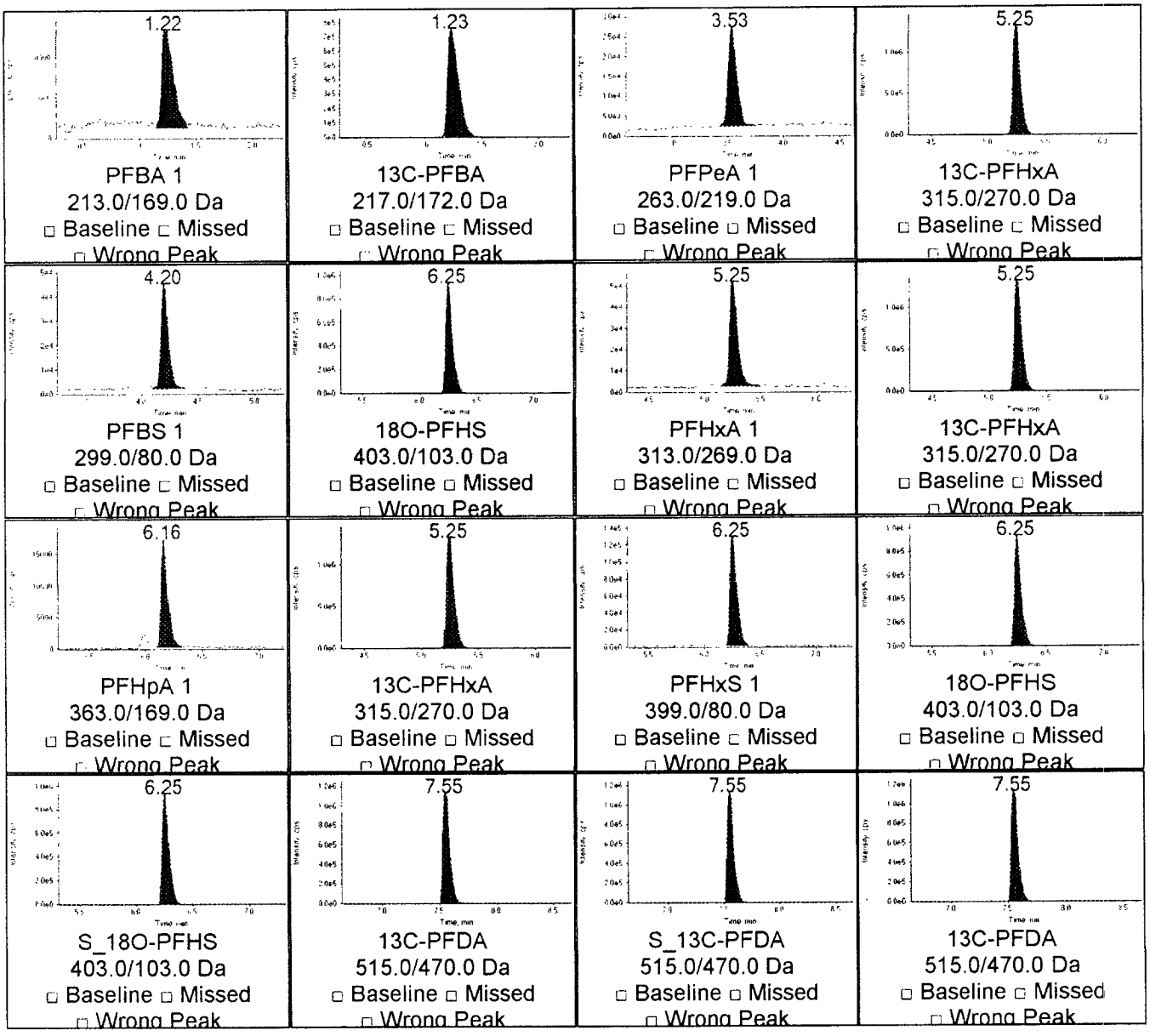
Analyte Peak Name	RT (Exp RT)	Area	Modified?	Calc (Exp) MRM Ratio	Ratio Confirms ID
PFBA 2	1.22 (1.27)	89084	No	1.00 (1.00)	YES
PFPeA 2	3.53 (3.60)	139640	No	1.00 (1.00)	YES
PFBS 2	4.20 (4.26)	74853	No	0.37 (0.40)	YES
PFHxA 2	5.24 (5.31)	24000	No	0.09 (0.10)	YES
PFHpA 2	6.16 (6.22)	233550	No	3.31 (2.90)	YES
PFHxS 2	6.25 (6.32)	217740	No	0.38 (0.40)	YES
S_13C-PFBA	1.23 (1.26)	5161300	No	57.94 (13.20)	No
S_13C-PFHxA	5.25 (5.30)	6494100	No	25.15 (13.71)	No

Columbia Analytical Services

Created with Analyst Reporter
Printed: 18/02/2010 4:02:00 PM

Quantitative Peak Review

K1001011-020

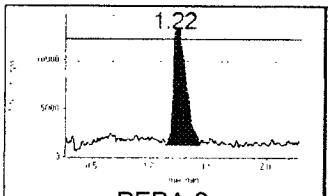
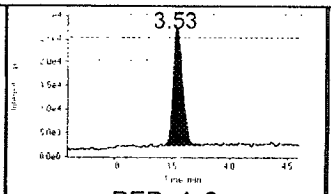
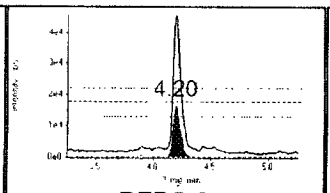
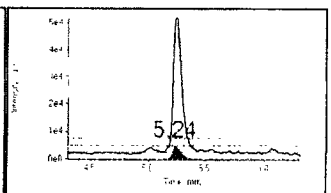
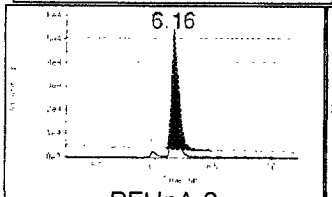
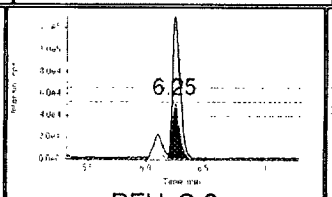
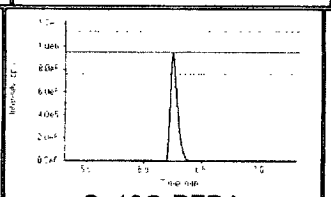


☐ Before ☐ After

Columbia Analytical Services

Ion Ratio Confirmation

K1001011-020

 PFBA 2 213.0/169.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak	 PFPeA 2 263.0/219.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak	 PFBS 2 299.0/99.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak	 PFHxA 2 313.0/119.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak
 PFHpA 2 363.0/319.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak	 PFHxS 2 399.0/99.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak	 S_13C-PFDA 515.0/470.0 Da ☐ Baseline ☐ Missed ☐ Wrong Peak	This image is not available N/A ☐ Baseline ☐ Missed ☐ Wrong Peak

NB. PFBA and PFPeA do not have qualifying ion transitions.

☐ Before ☐ After

Project	Ewan's Projects\PFCs
Data File	021710\SamplesLong.wiff
Result Table	021710long.rdb
Instrument Name	API 5000

Sample Name	KQ1000664-06 MB	**Injection Volume**	5
Acquisition Date	2/17/2010 11:17:36 PM	**Sample Type**	Unknown
Acquisition Method	PFCkinetexLong.dam	**Dilution Factor**	1.00
Injection Vial	50	**Weight to Volume**	0.00

Results Summary

Analyte Peak Name	IS Name	IS Area	Analyte RT (Exp RT)	Analyte Area	Calc. Conc (ng/mL)	Modified?
PFOA 1	13C-PFOA	4027100	1.27 (1.36)	2836	0.043	No
PFNA 1	13C-PFNA	2474900	2.07 (2.06)	~~10253~~	~~0.072~~ ND	No
PFOS 1	13C-PFOS	8130900	2.09 (2.09)	88793	0.117	No
PFDA 1	13C-PFDA	2741700	0.00 (3.06)	0	N/A	No
PFUnA 1	13C-PFUnA	132950	3.88 (4.06)	10619	0.044	No
PFDS 1	13C-PFOS	8130900	3.88 (3.87)	7173	0.028	No
PFDoA 1	13C-PFDoA	146890	4.54 (4.55)	~~9392~~	~~0.113~~ ND	No
PFTrA 1	13C-PFDoA	146890	5.16 (5.06)	3384	N/A	No
PFTeA 1	13C-PFDoA	146890	5.67 (5.51)	~~6913~~	~~0.082~~ ND	No

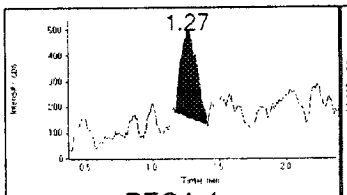
E/T-S 2/18/10

IRC Summary

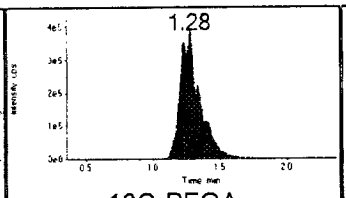
Analyte Peak Name	RT (Exp RT)	Area	Modified?	Calc (Exp) MRM Ratio	Ratio Confirms ID
PFOA 2	0.00 (1.36)	0	No	0.00 (2.16)	No
S_13C_PFOA	1.28 (1.36)	4027100	No	1419.94 (43.19)	No
PFNA 2	2.04 (2.08)	2909	No	0.28 (0.34)	YES
S_13C_PFNA	0.00 (2.44)	0	No	0.00 (0.00)	No
PFOS 2	2.10 (2.12)	29971	No	0.34 (0.32)	YES
S_13C-PFOS	2.07 (2.00)	8130900	No	91.57 (21.71)	No
PFDA 2	3.05 (3.06)	322	No	0.00 (0.14)	No
S_13C-PFDA	3.06 (3.04)	2741700	No	0.00 (17.53)	No
PFUnA 2	0.00 (3.88)	0	No	0.00 (0.19)	No
S_13C-PFUnA	3.87 (3.88)	132950	No	12.52 (1.60)	No
PFDS 2	0.00 (3.87)	0	No	0.00 (0.32)	No
PFDoA 2	0.00 (4.53)	0	No	0.00 (0.28)	No
S_13C-PFDoA	4.52 (4.64)	146890	No	15.64 (3.71)	No
PFTrA 2	5.14 (5.13)	252	No	0.07 (0.34)	No
PFTeA 2	5.76 (5.56)	65	No	0.01 (0.29)	No

Quantitative Peak Review

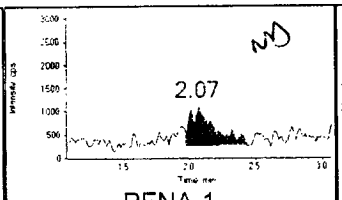
KQ1000664-06



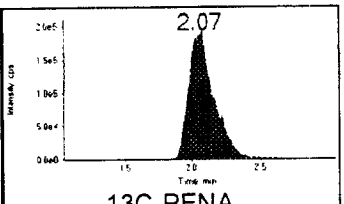
PFOA 1
413.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



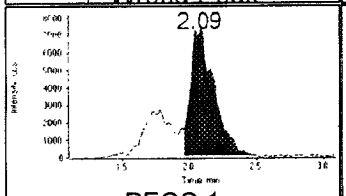
13C-PFOA
417.0/372.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



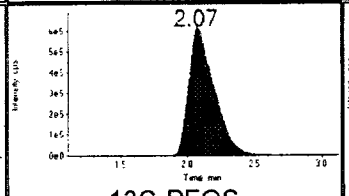
PFNA 1
463.0/419.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



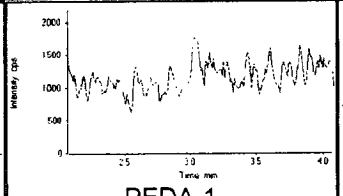
13C-PFNA
468.0/423.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



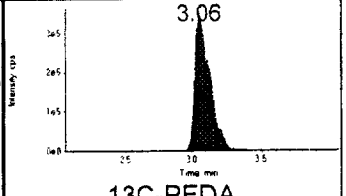
PFOS 1
499.0/80.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



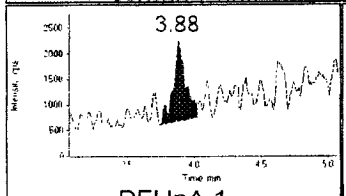
13C-PFOS
503.0/80.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



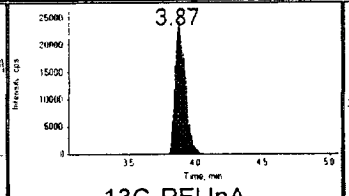
PFDA 1
513.0/469.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



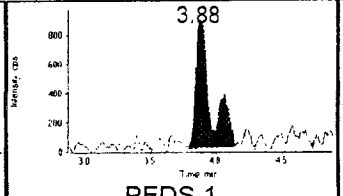
13C-PFDA
515.0/470.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



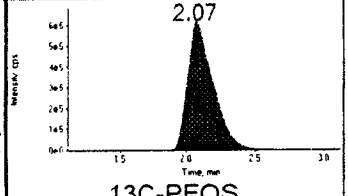
PFUnA 1
563.0/519.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



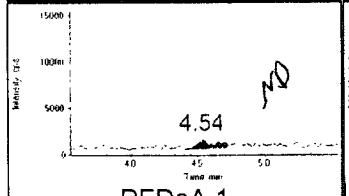
13C-PFUnA
565.0/270.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



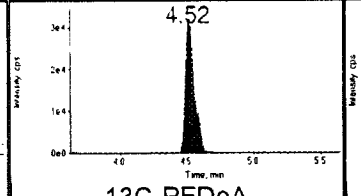
PFDS 1
599.0/80.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



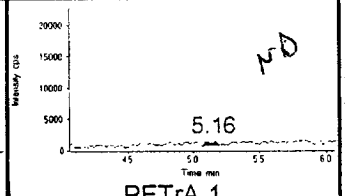
13C-PFOS
503.0/80.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



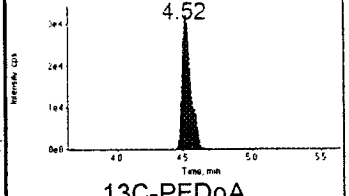
PFDoA 1
613.0/569.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



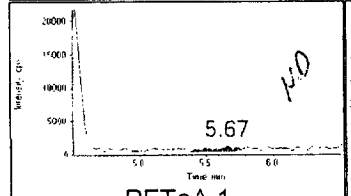
13C-PFDoA
615.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



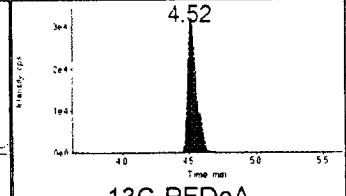
PFTrA 1
663.0/619.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



13C-PFDoA
615.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFTeA 1
713.0/669.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak

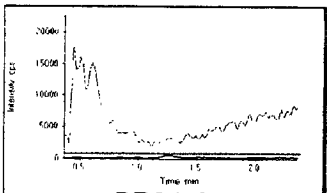


13C-PFDoA
615.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak

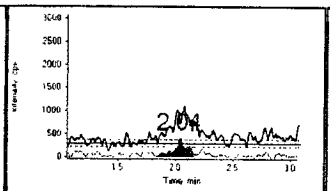
☐ Before ☐ After

Ion Ratio Confirmation

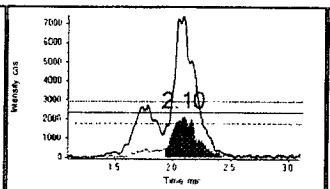
KQ1000664-06



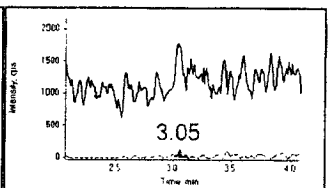
PFOA 2
413.0/369.0 Da
□ Baseline □ Missed
□ Wrong Peak



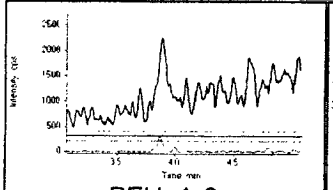
PFNA 2
463.0/219.0 Da
□ Baseline □ Missed
□ Wrong Peak



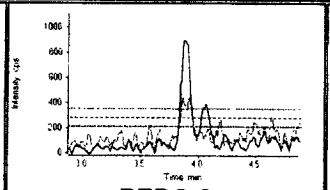
PFOS 2
499.0/99.0 Da
□ Baseline □ Missed
□ Wrong Peak



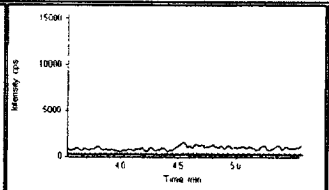
PFDA 2
513.0/269.0 Da
□ Baseline □ Missed
□ Wrong Peak



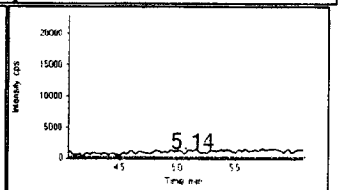
PFUnA 2
563.0/269.0 Da
□ Baseline □ Missed
□ Wrong Peak



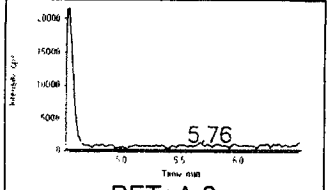
PFDS 2
599.0/99.0 Da
□ Baseline □ Missed
□ Wrong Peak



PFDoA 2
613.0/169.0 Da
□ Baseline □ Missed
□ Wrong Peak



PFTrA 2
663.0/169.0 Da
□ Baseline □ Missed
□ Wrong Peak



PFTeA 2
713.0/169.0 Da
□ Baseline □ Missed
□ Wrong Peak

☐ Before ☐ After

Columbia Analytical Services

Created with Analyst Reporter
Printed: 18/02/2010 4:02:00 PM

Project	Ewan's Projects\PFCs
Data File	021710\SamplesShort.wiff
Result Table	021710short.rdb
Instrument Name	API 5000

Sample Name	KQ1000664-06 MB	**Injection Volume**	5
Acquisition Date	2/18/2010 6:08:10 AM	**Sample Type**	Unknown
Acquisition Method	PFCkinetexShort.dam	**Dilution Factor**	1.00
Injection Vial	50	**Weight to Volume**	0.00

Results Summary

Analyte Peak Name	IS Name	IS Area	Analyte RT (Exp RT)	Analyte Area	Calc. Conc (ng/mL)	Modified?
PFBA 1	13C-PFBA	6007300	1.24 (1.27)	58453	0.03	No
PFPeA 1	13C-PFHxA	7104400	3.52 (3.60)	14790	0.01	No
PFBS 1	18O-PFHS	3859600	4.18 (4.26)	5516	0.02	No
PFHxA 1	13C-PFHxA	7104400	5.22 (5.31)	38455	N/A	No
PFHpA 1	13C-PFHxA	7104400	6.16 (6.23)	10535	N/A	No
PFHxS 1	18O-PFHS	3859600	6.23 (6.32)	42021	0.02	No
S_18O-PFHS	13C-PFDA	4447500	6.22 (6.31)	3859600	1.07	No
S_13C-PFDA	13C-PFDA	4447500	7.52 (7.65)	4447500	1.00	No

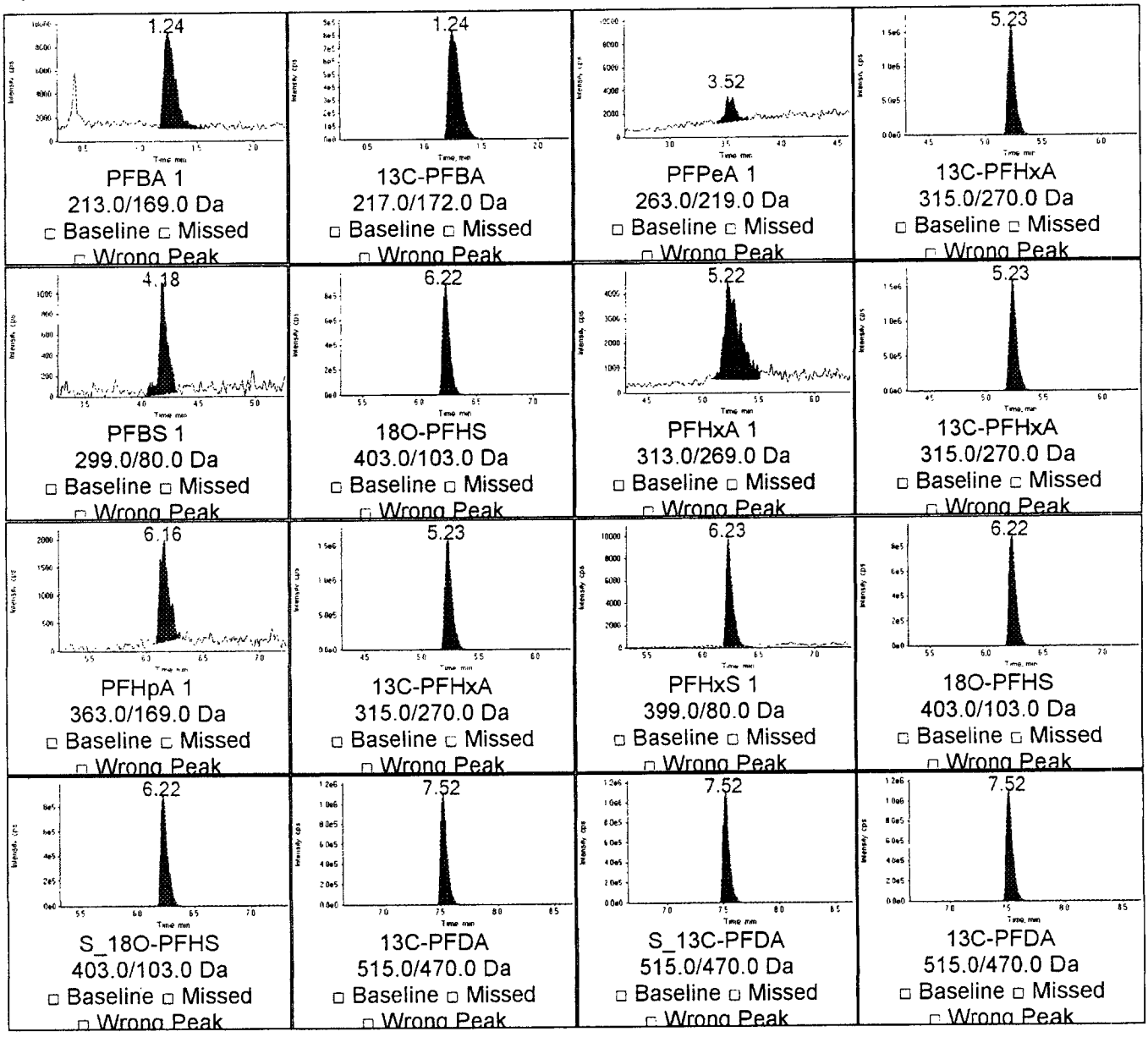
ECS 2/18/10

IRC Summary

Analyte Peak Name	RT (Exp RT)	Area	Modified?	Calc (Exp) MRM Ratio	Ratio Confirms ID
PFBA 2	1.24 (1.27)	58453	No	1.00 (1.00)	YES
PFPeA 2	3.52 (3.60)	14790	No	1.00 (1.00)	YES
PFBS 2	0.00 (4.26)	0	No	0.00 (0.40)	No
PFHxA 2	0.00 (5.31)	0	No	0.00 (0.10)	No
PFHpA 2	6.13 (6.22)	35089	No	3.33 (2.90)	YES
PFHxS 2	6.22 (6.32)	16685	No	0.40 (0.40)	YES
S_13C-PFBA	1.24 (1.26)	6007300	No	102.77 (13.20)	No
S_13C-PFHxA	5.23 (5.30)	7104400	No	184.75 (13.71)	No

Quantitative Peak Review

KQ1000664-06

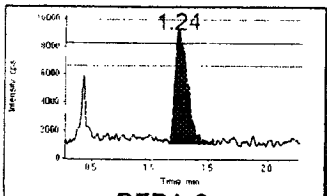
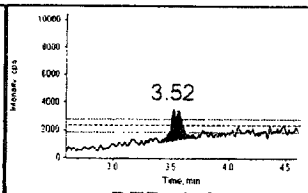
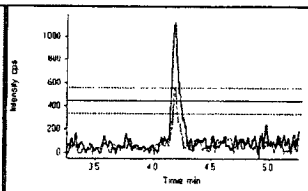
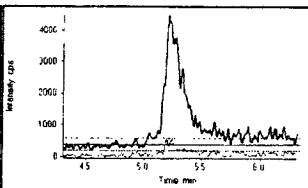
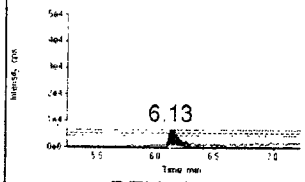
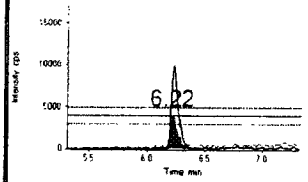
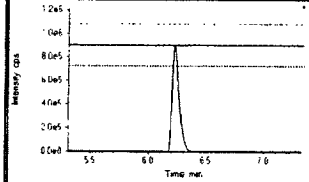


☐ Before ☐ After

Columbia Analytical Services

Ion Ratio Confirmation

KQ1000664-06

 PFBA 2 213.0/169.0 Da □ Baseline □ Missed □ Wrong Peak	 PFPeA 2 263.0/219.0 Da □ Baseline □ Missed □ Wrong Peak	 PFBS 2 299.0/99.0 Da □ Baseline □ Missed □ Wrong Peak	 PFHxA 2 313.0/119.0 Da □ Baseline □ Missed □ Wrong Peak
 PFHpA 2 363.0/319.0 Da □ Baseline □ Missed □ Wrong Peak	 PFHxS 2 399.0/99.0 Da □ Baseline □ Missed □ Wrong Peak	 S_13C-PFDA 515.0/470.0 Da □ Baseline □ Missed □ Wrong Peak	This image is not available N/A □ Baseline □ Missed □ Wrong Peak

NB. PFBA and PFPeA do not have qualifying ion transitions.

☐ Before ☐ After

Project	Ewan's Projects\PFCs
Data File	021710\SamplesLong.wiff
Result Table	021710long.rdb
Instrument Name	API 5000

Sample Name	KQ1000664-05 LCS	**Injection Volume**	5
Acquisition Date	2/17/2010 11:10:00 PM	**Sample Type**	Unknown
Acquisition Method	PFCkinetexLong.dam	**Dilution Factor**	1.00
Injection Vial	49	**Weight to Volume**	0.00

Results Summary

Analyte Peak Name	IS Name	IS Area	Analyte RT (Exp RT)	Analyte Area	Calc. Conc (ng/mL)	Modified?
PFOA 1	13C-PFOA	3966700	1.25 (1.36)	3324900	16.500	No
PFNA 1	13C-PFNA	2891200	2.04 (2.06)	5813800	18.500	No
PFOS 1	13C-PFOS	9123700	2.11 (2.09)	17391000	17.800	No
PFDA 1	13C-PFDA	2954000	3.11 (3.06)	5525000	18.100	No
PFUnA 1	13C-PFUnA	148890	3.91 (4.06)	3840400	24.600	No
PFDS 1	13C-PFOS	9123700	3.91 (3.87)	11353000	11.000	No
PFDoA 1	13C-PFDoA	143000	4.55 (4.55)	1897000	21.900	No
PFTrA 1	13C-PFDoA	143000	5.09 (5.06)	893190	18.400	No
PFTeA 1	13C-PFDoA	143000	5.54 (5.51)	889630	24.400	No

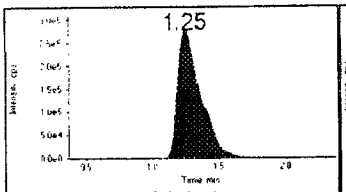
2/19/10
E-FS
2/18/10

IRC Summary

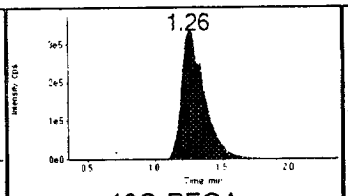
Analyte Peak Name	RT (Exp RT)	Area	Modified?	Calc (Exp) MRM Ratio	Ratio Confirms ID
PFOA 2	1.26 (1.36)	7661500	No	2.30 (2.16)	YES
S_13C_PFOA	1.26 (1.36)	3966700	No	1.19 (43.19)	No
PFNA 2	2.05 (2.08)	1861700	No	0.32 (0.34)	YES
S_13C_PFNA	0.00 (2.44)	0	No	0.00 (0.00)	No
PFOS 2	2.10 (2.12)	5644000	No	0.32 (0.32)	YES
S_13C-PFOS	2.11 (2.00)	9123700	No	0.52 (21.71)	No
PFDA 2	3.10 (3.06)	774190	No	0.14 (0.14)	YES
S_13C-PFDA	3.12 (3.04)	2954000	No	0.53 (17.53)	No
PFUnA 2	3.90 (3.88)	701970	No	0.18 (0.19)	YES
S_13C-PFUnA	3.90 (3.88)	148890	No	0.04 (1.60)	No
PFDS 2	3.91 (3.87)	3701800	No	0.33 (0.32)	YES
PFDoA 2	4.55 (4.53)	510120	No	0.27 (0.28)	YES
S_13C-PFDoA	4.56 (4.64)	143000	No	0.08 (3.71)	No
PFTrA 2	5.08 (5.13)	295280	No	0.33 (0.34)	YES
PFTeA 2	5.54 (5.56)	337010	No	0.38 (0.29)	No

Quantitative Peak Review

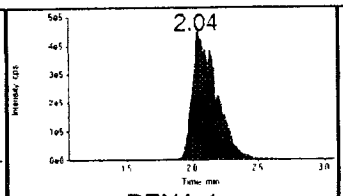
KQ1000664-05



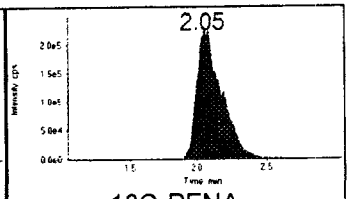
PFOA 1
413.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



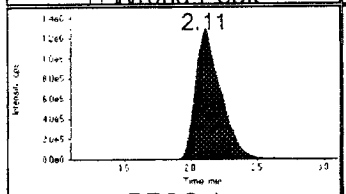
13C-PFOA
417.0/372.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



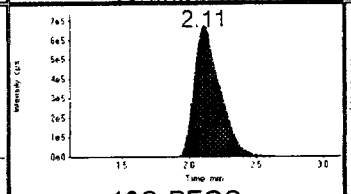
PFNA 1
463.0/419.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



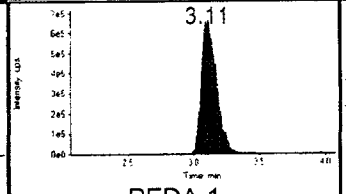
13C-PFNA
468.0/423.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



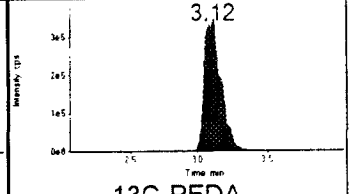
PFOS 1
499.0/80.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



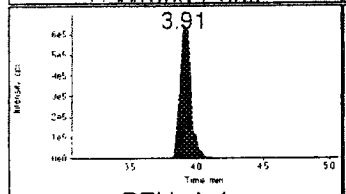
13C-PFOS
503.0/80.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



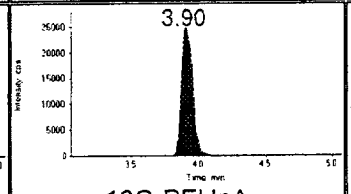
PFDA 1
513.0/469.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



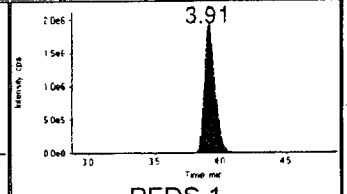
13C-PFDA
515.0/470.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



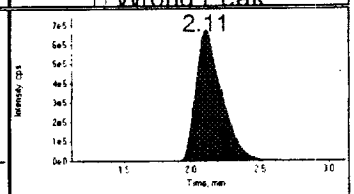
PFUnA 1
563.0/519.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



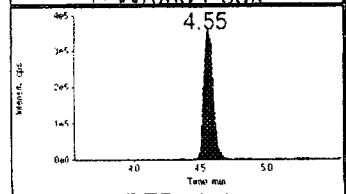
13C-PFUnA
565.0/270.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



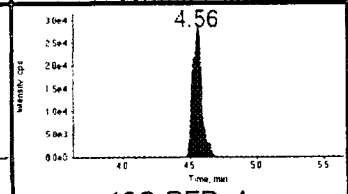
PFDS 1
599.0/80.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



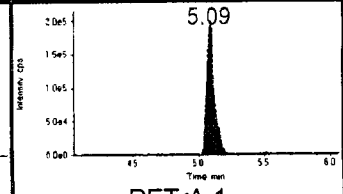
13C-PFOS
503.0/80.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



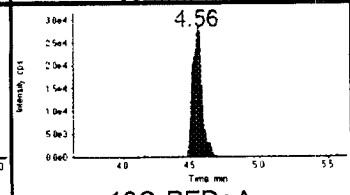
PFDoA 1
613.0/569.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



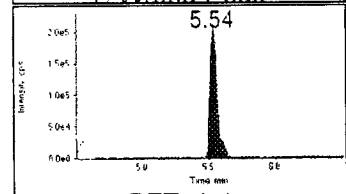
13C-PFDoA
615.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



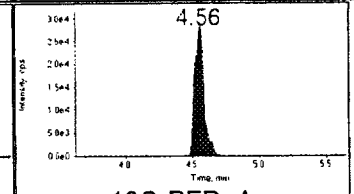
PFTrA 1
663.0/619.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



13C-PFDoA
615.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFTeA 1
713.0/669.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak

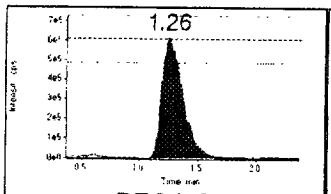


13C-PFDoA
615.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak

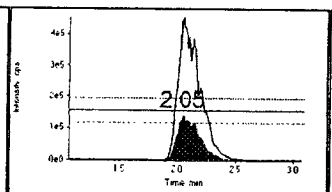
☐ Before ☐ After

Ion Ratio Confirmation

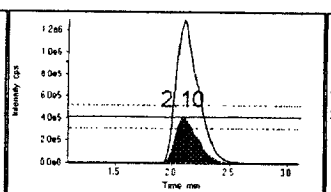
KQ1000664-05



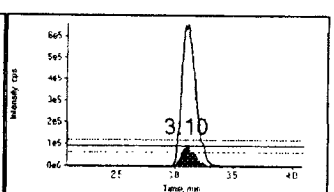
PFOA 2
413.0/369.0 Da
□ Baseline □ Missed
□ Wrong Peak



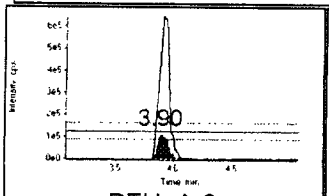
PFNA 2
463.0/219.0 Da
□ Baseline □ Missed
□ Wrong Peak



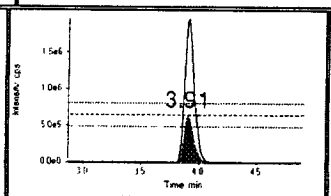
PFOS 2
499.0/99.0 Da
□ Baseline □ Missed
□ Wrong Peak



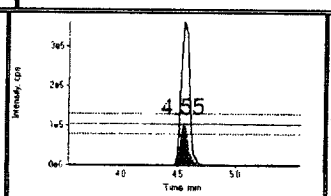
PFDA 2
513.0/269.0 Da
□ Baseline □ Missed
□ Wrong Peak



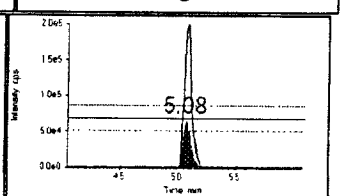
PFUnA 2
563.0/269.0 Da
□ Baseline □ Missed
□ Wrong Peak



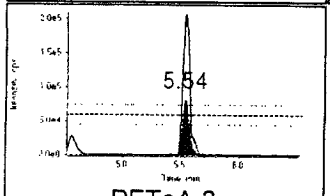
PFDS 2
599.0/99.0 Da
□ Baseline □ Missed
□ Wrong Peak



PFDoA 2
613.0/169.0 Da
□ Baseline □ Missed
□ Wrong Peak



PFTrA 2
663.0/169.0 Da
□ Baseline □ Missed
□ Wrong Peak



PFTeA 2
713.0/169.0 Da
□ Baseline □ Missed
□ Wrong Peak

☐ Before ☐ After

Columbia Analytical Services

Created with Analyst Reporter
Printed: 18/02/2010 4:02:00 PM

Project	Ewan's Projects\PFCs
Data File	021710\SamplesShort.wiff
Result Table	021710short.rdb
Instrument Name	API 5000

Sample Name	KQ1000664-05 LCS	**Injection Volume**	5
Acquisition Date	2/18/2010 5:58:36 AM	**Sample Type**	Unknown
Acquisition Method	PFCkinetexShort.dam	**Dilution Factor**	1.00
Injection Vial	49	**Weight to Volume**	0.00

Results Summary

Analyte Peak Name	IS Name	IS Area	Analyte RT (Exp RT)	Analyte Area	Calc. Conc (ng/mL)	Modified?
PFBA 1	13C-PFBA	5881500	1.27 (1.27)	11118000	18.00	No
PFPeA 1	13C-PFHxA	6729500	3.57 (3.60)	12190000	19.10	No
PFBS 1	18O-PFHS	3838000	4.21 (4.26)	19228000	15.20	No
PFHxA 1	13C-PFHxA	6729500	5.22 (5.31)	12713000	19.20	No
PFHpA 1	13C-PFHxA	6729500	6.11 (6.23)	4836900	20.30	No
PFHxS 1	18O-PFHS	3838000	6.21 (6.32)	19103000	16.30	No
S_18O-PFHS	13C-PFDA	4759500	6.21 (6.31)	3838000	1.00	No
S_13C-PFDA	13C-PFDA	4759500	7.50 (7.65)	4759500	1.00	No

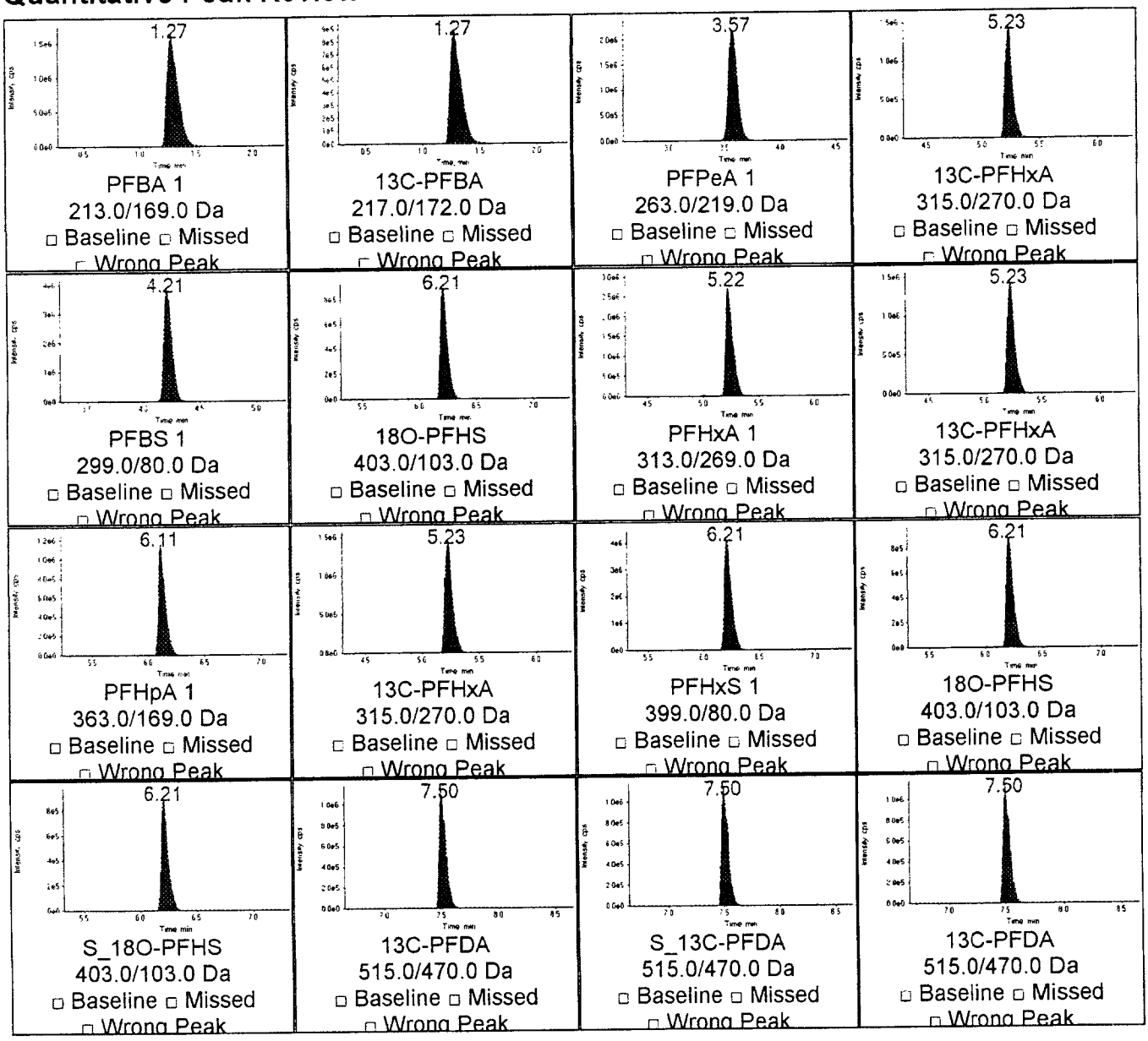
IENS 2/18/10

IRC Summary

Analyte Peak Name	RT (Exp RT)	Area	Modified?	Calc (Exp) MRM Ratio	Ratio Confirms ID
PFBA 2	1.27 (1.27)	11118000	No	1.00 (1.00)	YES
PFPeA 2	3.57 (3.60)	12190000	No	1.00 (1.00)	YES
PFBS 2	4.20 (4.26)	7921100	No	0.41 (0.40)	YES
PFHxA 2	5.23 (5.31)	1216900	No	0.10 (0.10)	YES
PFHpA 2	6.12 (6.22)	13757000	No	2.84 (2.90)	YES
PFHxS 2	6.21 (6.32)	7940600	No	0.42 (0.40)	YES
S_13C-PFBA	1.27 (1.26)	5881500	No	0.53 (13.20)	No
S_13C-PFHxA	5.23 (5.30)	6729500	No	0.53 (13.71)	No

Quantitative Peak Review

KQ1000664-05

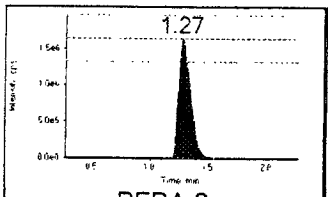


☐ Before ☐ After

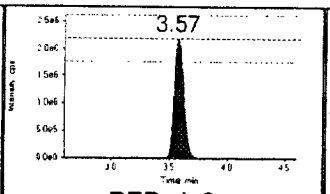
Columbia Analytical Services

Ion Ratio Confirmation

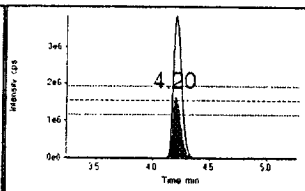
KQ1000664-05



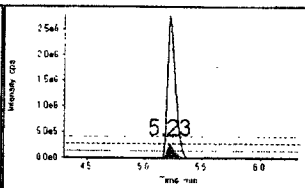
PFBA 2
213.0/169.0 Da
□ Baseline □ Missed
□ Wrong Peak



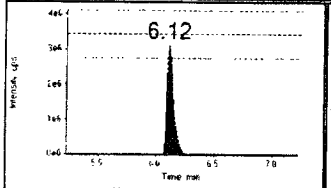
PFPeA 2
263.0/219.0 Da
□ Baseline □ Missed
□ Wrong Peak



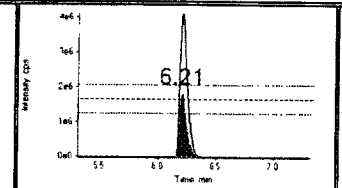
PFBS 2
299.0/99.0 Da
□ Baseline □ Missed
□ Wrong Peak



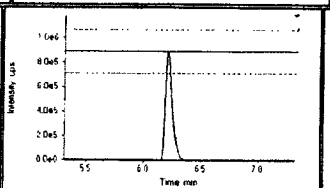
PFHxA 2
313.0/119.0 Da
□ Baseline □ Missed
□ Wrong Peak



PFHpA 2
363.0/319.0 Da
□ Baseline □ Missed
□ Wrong Peak



PFHxS 2
399.0/99.0 Da
□ Baseline □ Missed
□ Wrong Peak



S_13C-PFDA
515.0/470.0 Da
□ Baseline □ Missed
□ Wrong Peak

This image is not available

N/A

□ Baseline □ Missed
□ Wrong Peak

NB. PFBA and PFPeA do not have qualifying ion transitions.

☐ Before ☐ After

Columbia Analytical Services

Project	Ewan's Projects\PFCs
Data File	021710\SamplesLong.wiff
Result Table	021710long.rdb
Instrument Name	API 5000

KJ00101-7 MS

Sample Name	KQ1000664-03	**Injection Volume**	5
Acquisition Date	2/17/2010 10:54:54 PM	**Sample Type**	Unknown
Acquisition Method	PFCkinetexLong.dam	**Dilution Factor**	1.00
Injection Vial	47	**Weight to Volume**	0.00

Results Summary

Analyte Peak Name	IS Name	IS Area	Analyte RT (Exp RT)	Analyte Area	Calc. Conc (ng/mL)	Modified?
PFOA 1	13C-PFOA	3923500	1.25 (1.36)	4830300	24.300	No
PFNA 1	13C-PFNA	2766800	2.09 (2.06)	12547000	41.700	No
PFOS 1	13C-PFOS	8656800	2.09 (2.09)	42860000	46.300	No
PFDA 1	13C-PFDA	2693100	3.11 (3.06)	4988700	17.900	No
PFUnA 1	13C-PFUnA	121680	3.96 (4.06)	3058600	24.000	No
PFDS 1	13C-PFOS	8656800	3.94 (3.87)	9569800	9.700	No
PFDoA 1	13C-PFDoA	142700	4.59 (4.55)	1777000	20.600	No
PFTrA 1	13C-PFDoA	142700	5.12 (5.06)	968150	20.000	No
PFTeA 1	13C-PFDoA	142700	5.58 (5.51)	733660	20.200	No

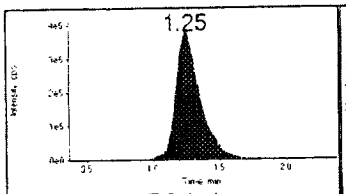
2/18/10
EFS
2/18/10

IRC Summary

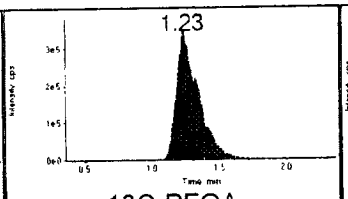
Analyte Peak Name	RT (Exp RT)	Area	Modified?	Calc (Exp) MRM Ratio	Ratio Confirms ID
PFOA 2	1.24 (1.36)	11005000	No	2.28 (2.16)	YES
S_13C_PFOA	1.23 (1.36)	3923500	No	0.81 (43.19)	No
PFNA 2	2.04 (2.08)	4139200	No	0.33 (0.34)	YES
S_13C_PFNA	0.00 (2.44)	0	No	0.00 (0.00)	No
PFOS 2	2.10 (2.12)	14362000	No	0.34 (0.32)	YES
S_13C-PFOS	2.09 (2.00)	8656800	No	0.20 (21.71)	No
PFDA 2	3.14 (3.06)	757060	No	0.15 (0.14)	YES
S_13C-PFDA	3.10 (3.04)	2693100	No	0.54 (17.53)	No
PFUnA 2	3.94 (3.88)	624660	No	0.20 (0.19)	YES
S_13C-PFUnA	3.95 (3.88)	121680	No	0.04 (1.60)	No
PFDS 2	3.94 (3.87)	3095900	No	0.32 (0.32)	YES
PFDoA 2	4.58 (4.53)	478240	No	0.27 (0.28)	YES
S_13C-PFDoA	4.59 (4.64)	142700	No	0.08 (3.71)	No
PFTrA 2	5.11 (5.13)	318000	No	0.33 (0.34)	YES
PFTeA 2	5.58 (5.56)	209810	No	0.29 (0.29)	YES

Quantitative Peak Review

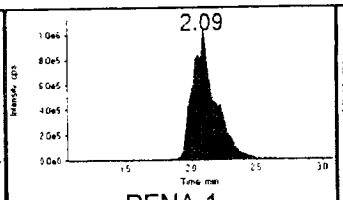
KQ1000664-03



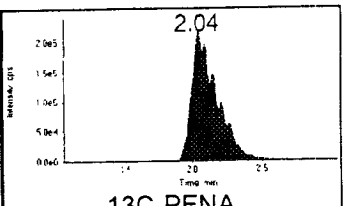
PFOA 1
413.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



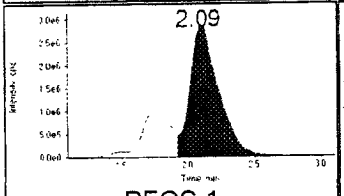
13C-PFOA
417.0/372.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



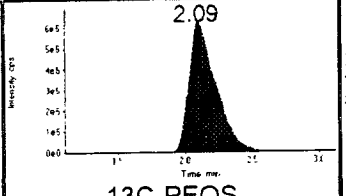
PFNA 1
463.0/419.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



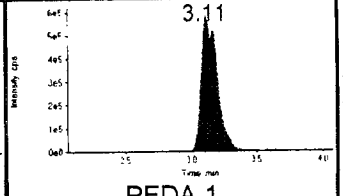
13C-PFNA
468.0/423.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



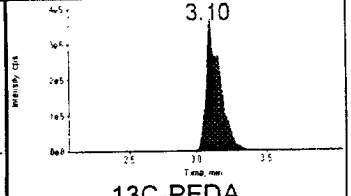
PFOS 1
499.0/80.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



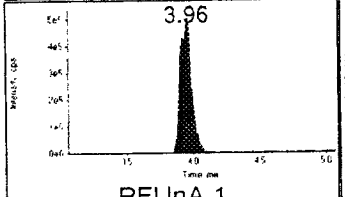
13C-PFOS
503.0/80.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



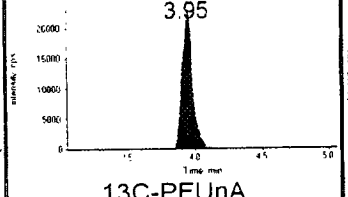
PFDA 1
513.0/469.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



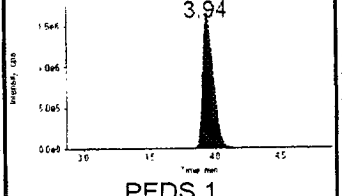
13C-PFDA
515.0/470.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



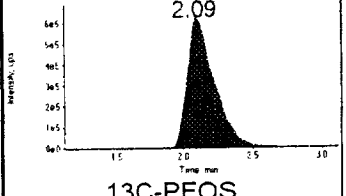
PFUnA 1
563.0/519.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



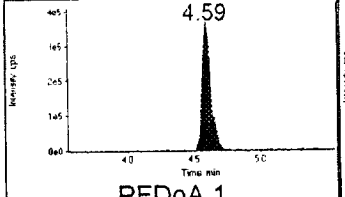
13C-PFUnA
565.0/270.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



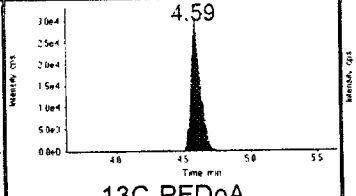
PFDS 1
599.0/80.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



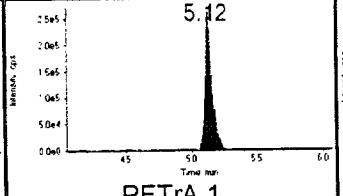
13C-PFOS
503.0/80.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



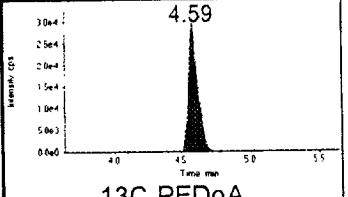
PFDoA 1
613.0/569.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



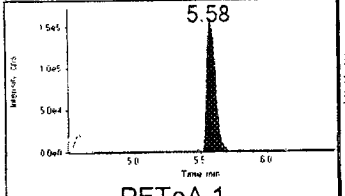
13C-PFDoA
615.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



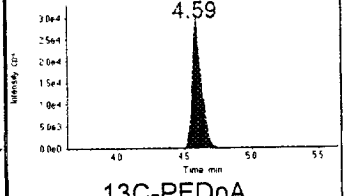
PFTrA 1
663.0/619.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



13C-PFDoA
615.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak



PFTeA 1
713.0/669.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak

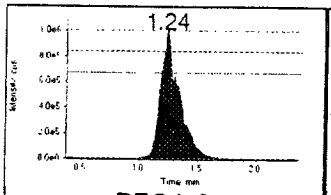


13C-PFDoA
615.0/169.0 Da
☐ Baseline ☐ Missed
☐ Wrong Peak

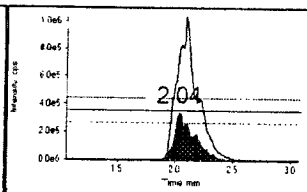
☐ Before ☐ After

Ion Ratio Confirmation

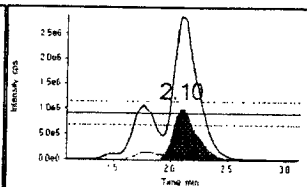
KQ1000664-03



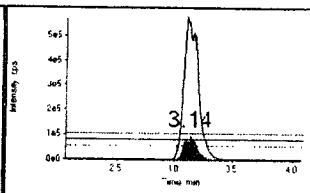
PFOA 2
413.0/369.0 Da
□ Baseline □ Missed
□ Wrong Peak



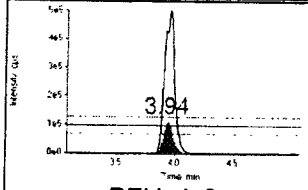
PFNA 2
463.0/219.0 Da
□ Baseline □ Missed
□ Wrong Peak



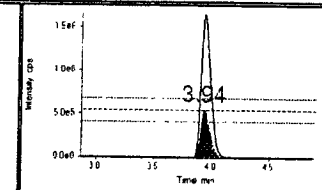
PFOS 2
499.0/99.0 Da
□ Baseline □ Missed
□ Wrong Peak



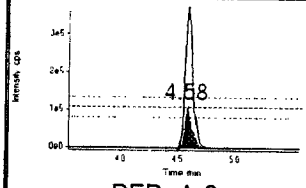
PFDA 2
513.0/269.0 Da
□ Baseline □ Missed
□ Wrong Peak



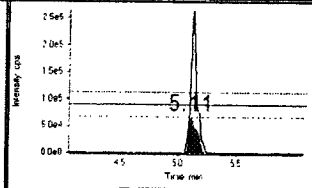
PFUnA 2
563.0/269.0 Da
□ Baseline □ Missed
□ Wrong Peak



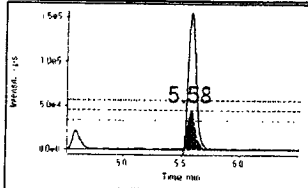
PFDS 2
599.0/99.0 Da
□ Baseline □ Missed
□ Wrong Peak



PFDoA 2
613.0/169.0 Da
□ Baseline □ Missed
□ Wrong Peak



PFTrA 2
663.0/169.0 Da
□ Baseline □ Missed
□ Wrong Peak



PFTeA 2
713.0/169.0 Da
□ Baseline □ Missed
□ Wrong Peak

☐ Before ☐ After