

Data Path : P:\HPCHEM1\ECD_0\Data\P0052018\
 Data File : P0044843.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 May 2018 22:41
 Operator : SM/UA
 Sample : J2935-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 NFS-OIL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 05:10:08 2018
 Quant Method : P:\HPCHEM1\ECD_0\methods\P0051518.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue May 15 15:44:07 2018
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.032	3.310	3948660	3947811	25.768	16.468 #
2) SA Decachlor...	9.329	8.027	3298980	3227992	16.045	11.472 #
Target Compounds						
3) L1 AR-1016-1	4.866	4.131	250046	133213	64.059	21.668 #
4) L1 AR-1016-2	5.223	4.567	229179	488411	42.963	90.621 #
5) L1 AR-1016-3	5.339	4.567	445637	488411	106.003	76.524 #
6) L1 AR-1016-4	5.760	0.000	514879	0	116.622	N.D. #
7) L1 AR-1016-5	5.913	0.000	206306	0	52.889	N.D. #
9) L2 AR-1221-2	4.321	0.000	162975	0	73.287	N.D. #
10) L2 AR-1221-3	4.446	3.703	183682	184356	24.986	16.943 #
11) L3 AR-1232-1	4.446	3.703	183682	184356	55.727	38.317 #
12) L3 AR-1232-2	5.085	4.282	775957	275874	329.866	25.912 #
13) L3 AR-1232-3	5.223	0.000	229179	0	52.749	N.D. #
14) L3 AR-1232-4	5.223	4.567	229179	488411	84.862	85.646
15) L3 AR-1232-5	5.339	4.567	445637	488411	215.436	172.008
16) L4 AR-1242-1	0.000	4.131	0	133213	N.D.	23.240 #
17) L4 AR-1242-2	5.223	4.282	229179	275874	32.914	15.041 #
18) L4 AR-1242-3	5.339	4.468	445637	258683	130.607	41.538 #
19) L4 AR-1242-4	5.580	4.567	583712	488411	177.951	82.637 #
20) L4 AR-1242-5	5.760	0.000	514879	0	141.667	N.D. #
21) L5 AR-1248-1	5.580	0.000	583712	0	107.272	N.D. #
22) L5 AR-1248-2	5.760	0.000	514879	0	108.085	N.D. #
24) L5 AR-1248-4	6.070	0.000	2522145	0	359.300	N.D. #
25) L5 AR-1248-5	0.000	5.580	0	1021350	N.D.	143.456 #
27) L6 AR-1254-2	0.000	5.198	0	3442465	N.D.	244.320 #
28) L6 AR-1254-3	0.000	5.580	0	1021350	N.D.	43.674 #
29) L6 AR-1254-4	0.000	5.765	0	394738	N.D.	21.139 #
30) L6 AR-1254-5	0.000	6.083	0	120485	N.D.	10.970 #
31) L7 AR-1260-1	0.000	5.765	0	394738	N.D.	24.881 #
32) L7 AR-1260-2	6.909	0.000	1208321	0	95.321	N.D. #
33) L7 AR-1260-3	7.365	0.000	637182	0	60.541	N.D. #
35) L7 AR-1260-5	8.159	7.147	743504	1232559	50.943	42.377
37) L8 AR-1262-2	6.909	6.056	1208321	-46516	114.711	N.D. #
38) L8 AR-1262-3	0.000	6.302	0	1237448	N.D.	41.715 #
39) L8 AR-1262-4	7.475	0.000	1833448	0	131.219	N.D. #
41) L9 AR-1268-1	8.159	0.000	743504	0	22.516	N.D. #
42) L9 AR-1268-2	8.159	7.147	743504	1232559	24.891	22.855
44) L9 AR-1268-4	0.000	7.531	0	113961	N.D.	6.077 #

Data Path : P:\HPCHEM1\ECD_0\Data\P0052018\
Data File : P0044843.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 May 2018 22:41
Operator : SM/UA
Sample : J2935-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
NFS-OIL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 19 05:10:08 2018
Quant Method : P:\HPCHEM1\ECD_0\methods\P0051518.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue May 15 15:44:07 2018
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
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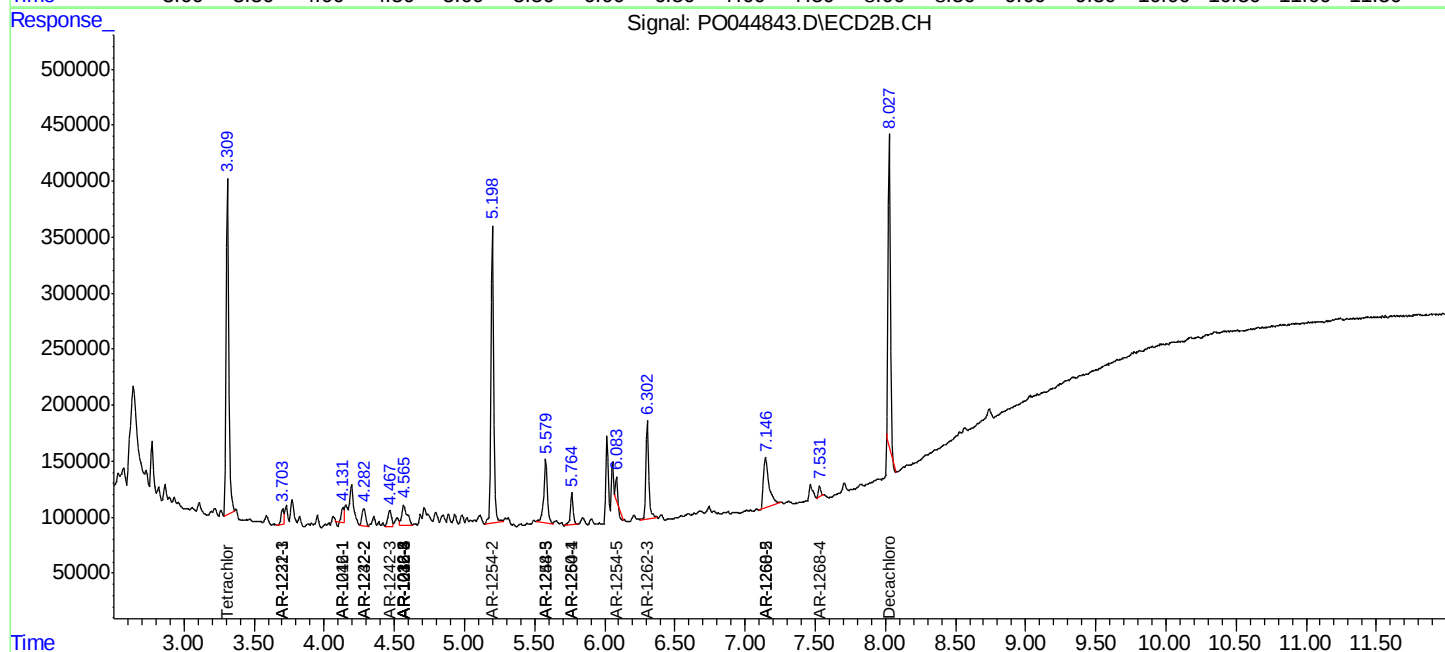
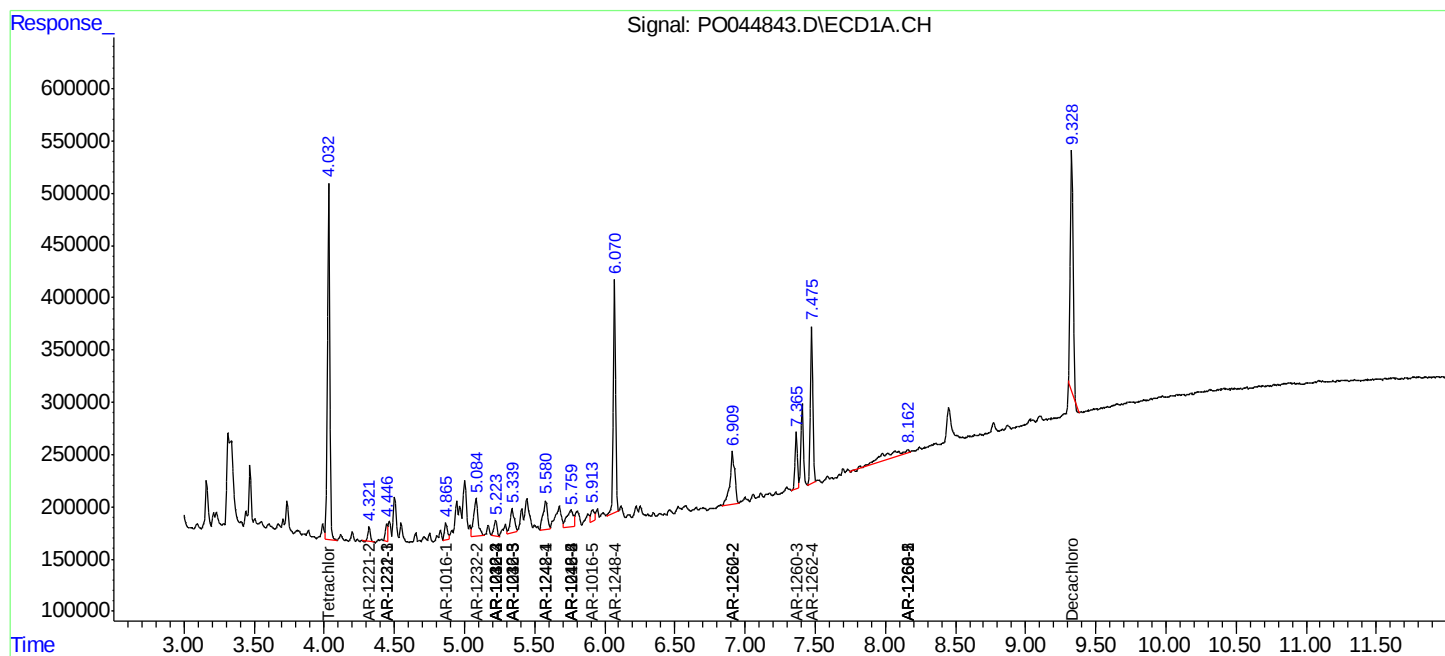
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

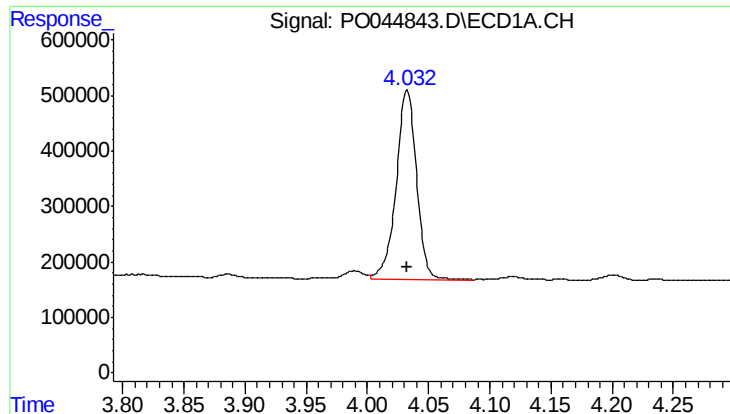
Data Path : P:\HPCHEM1\ECD_0\Data\PO052018\
Data File : PO044843.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 May 2018 22:41
Operator : SM/UA
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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Integration File signal 1: autoint1.e
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Quant Time: May 19 05:10:08 2018
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

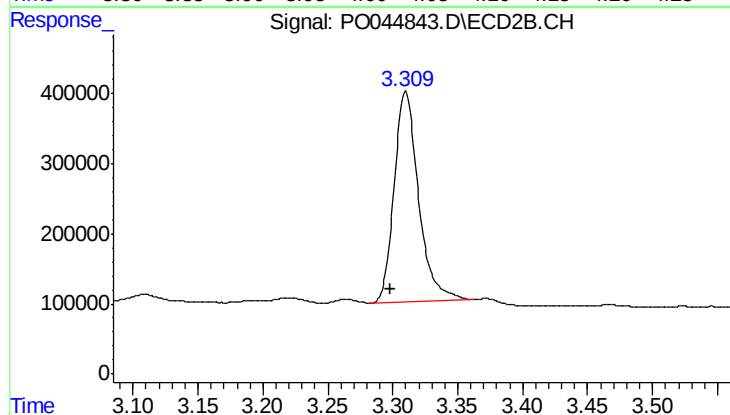




#1 Tetrachloro-m-xylene

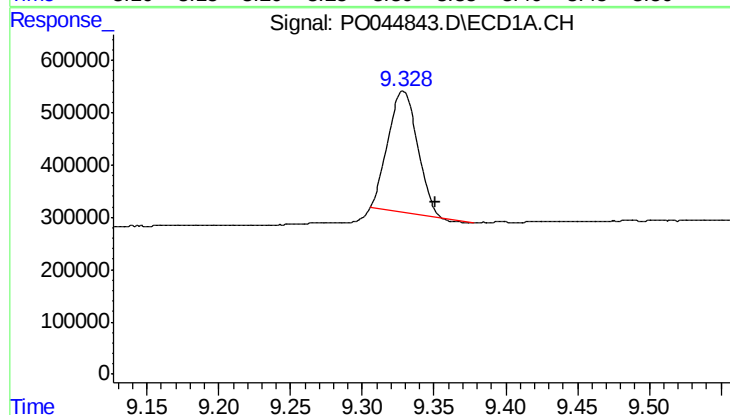
R.T.: 4.032 min
Delta R.T.: 0.000 min
Response: 3948660
Conc: 25.77 ng/ml

Instrument :
ECD_O
ClientSampleId :
NFS-OIL



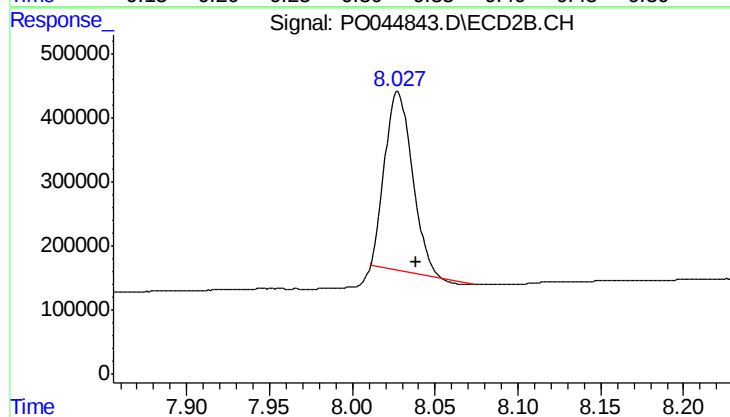
#1 Tetrachloro-m-xylene

R.T.: 3.310 min
Delta R.T.: 0.012 min
Response: 3947811
Conc: 16.47 ng/ml



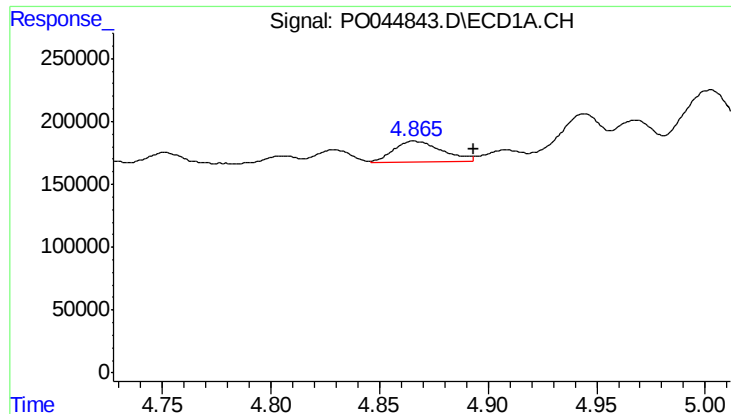
#2 Decachlorobiphenyl

R.T.: 9.329 min
Delta R.T.: -0.022 min
Response: 3298980
Conc: 16.04 ng/ml



#2 Decachlorobiphenyl

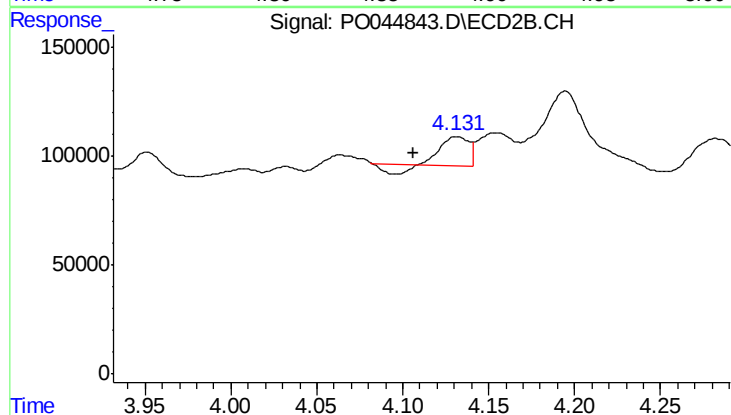
R.T.: 8.027 min
Delta R.T.: -0.011 min
Response: 3227992
Conc: 11.47 ng/ml



#3 AR-1016-1

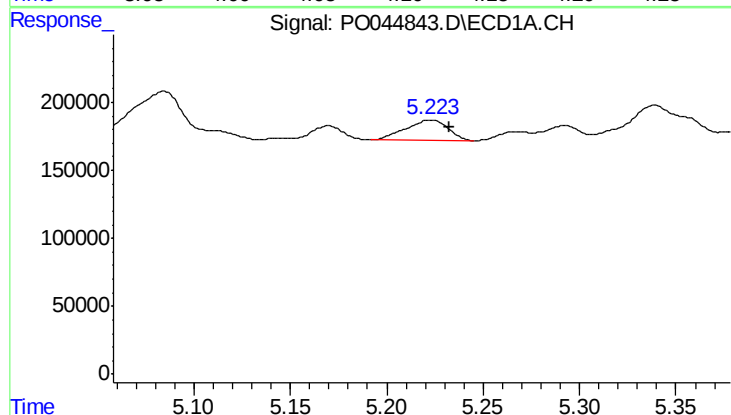
R.T.: 4.866 min
Delta R.T.: -0.027 min
Response: 250046
Conc: 64.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
NFS-OIL



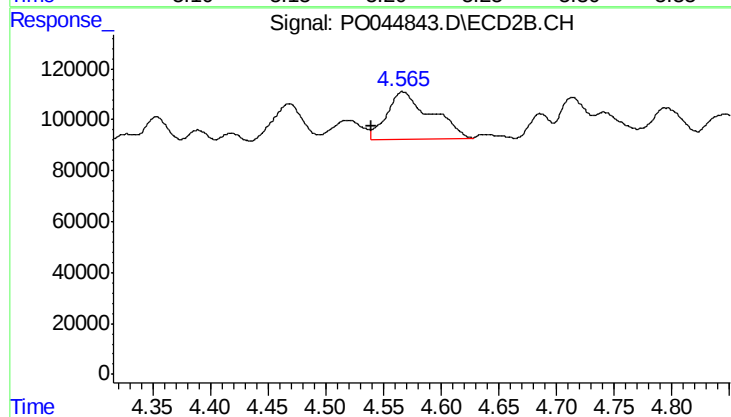
#3 AR-1016-1

R.T.: 4.131 min
Delta R.T.: 0.025 min
Response: 133213
Conc: 21.67 ng/ml



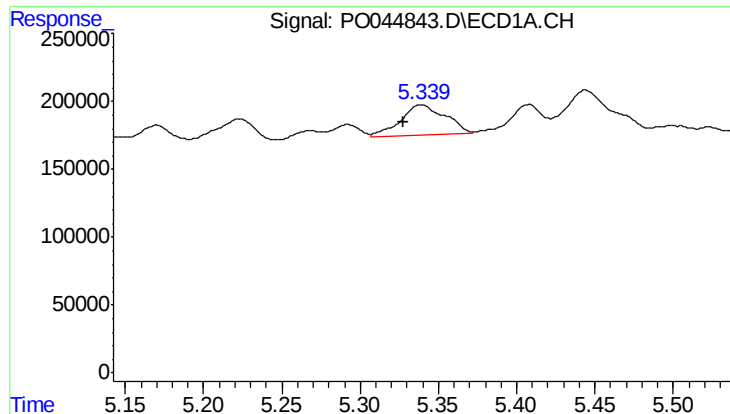
#4 AR-1016-2

R.T.: 5.223 min
Delta R.T.: -0.009 min
Response: 229179
Conc: 42.96 ng/ml



#4 AR-1016-2

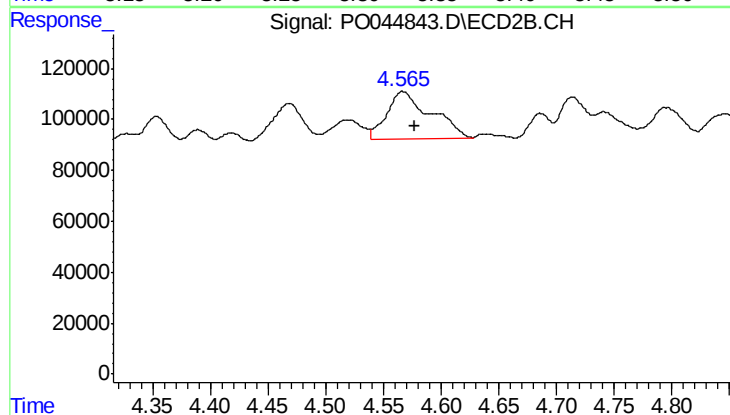
R.T.: 4.567 min
Delta R.T.: 0.028 min
Response: 488411
Conc: 90.62 ng/ml



#5 AR-1016-3

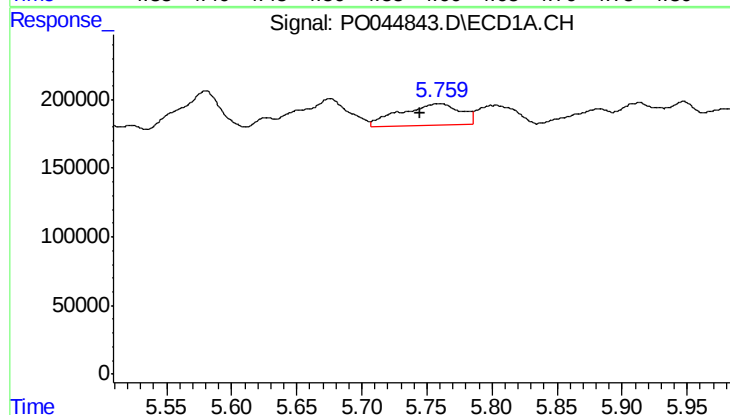
R.T.: 5.339 min
Delta R.T.: 0.012 min
Response: 445637
Conc: 106.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
NFS-OIL



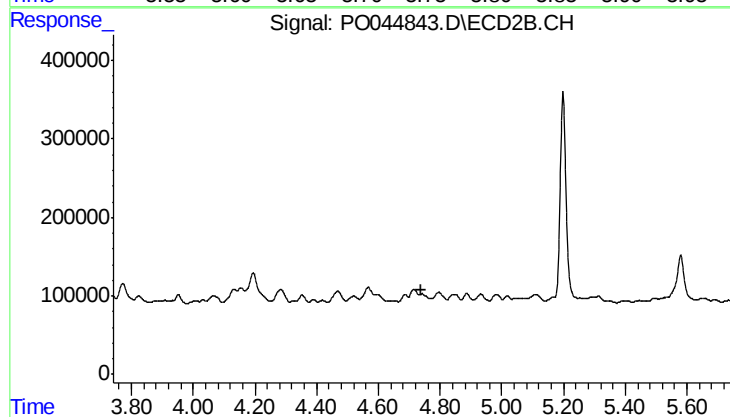
#5 AR-1016-3

R.T.: 4.567 min
Delta R.T.: -0.011 min
Response: 488411
Conc: 76.52 ng/ml



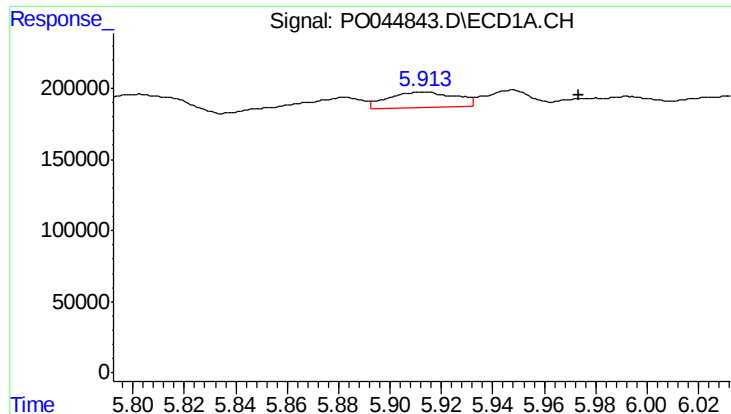
#6 AR-1016-4

R.T.: 5.760 min
Delta R.T.: 0.015 min
Response: 514879
Conc: 116.62 ng/ml



#6 AR-1016-4

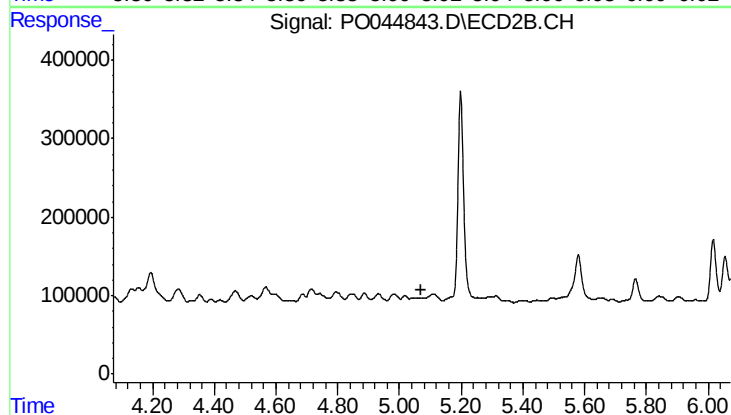
R.T.: 0.000 min
Exp R.T.: 4.741 min
Response: 0
Conc: N.D.



#7 AR-1016-5

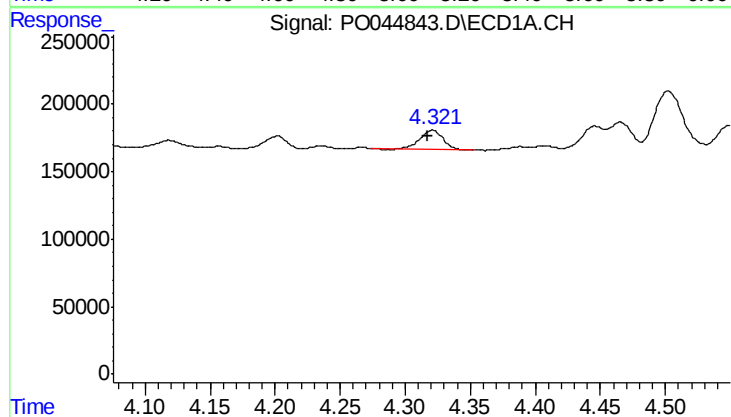
R.T.: 5.913 min
Delta R.T.: -0.060 min
Response: 206306
Conc: 52.89 ng/ml

Instrument :
ECD_O
ClientSampleId :
NFS-OIL



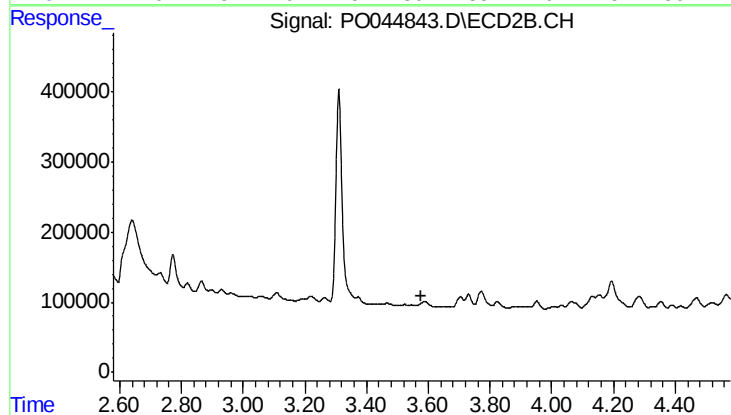
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T.: 5.072 min
Response: 0
Conc: N.D.



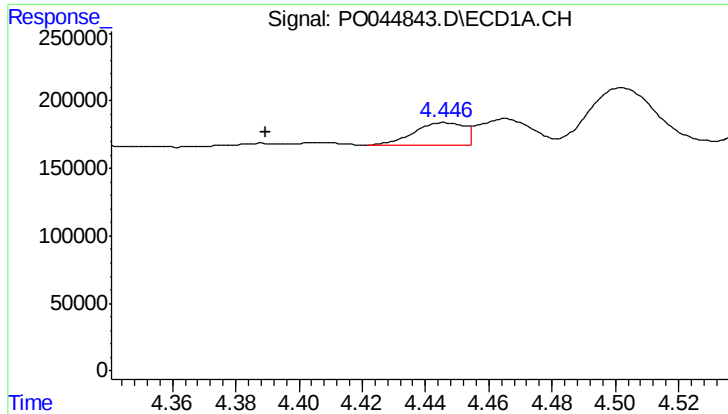
#9 AR-1221-2

R.T.: 4.321 min
Delta R.T.: 0.003 min
Response: 162975
Conc: 73.29 ng/ml



#9 AR-1221-2

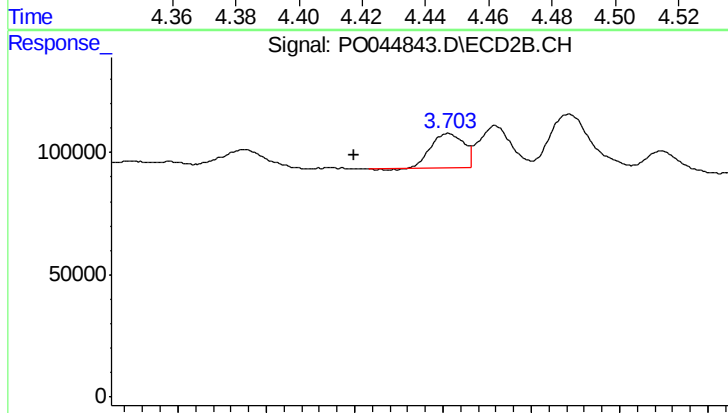
R.T.: 0.000 min
Exp R.T.: 3.579 min
Response: 0
Conc: N.D.



#10 AR-1221-3

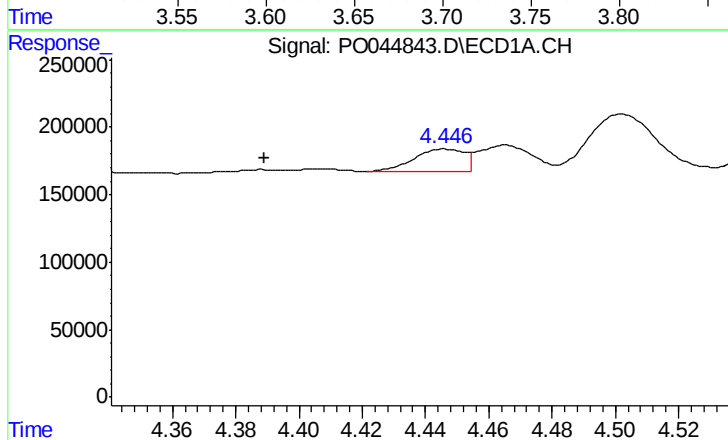
R.T.: 4.446 min
Delta R.T.: 0.057 min
Response: 183682
Conc: 24.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
NFS-OIL



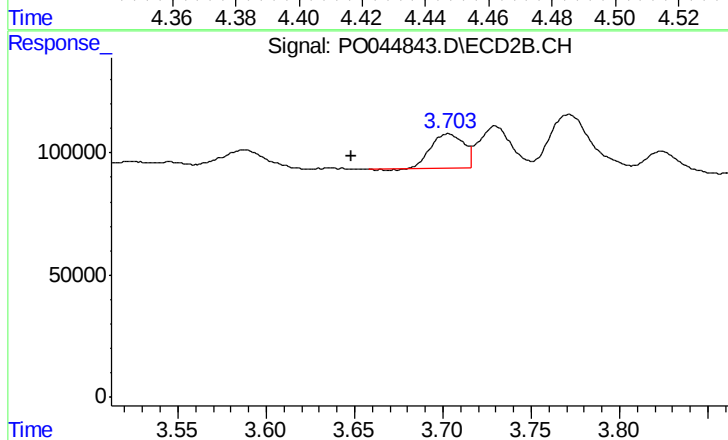
#10 AR-1221-3

R.T.: 3.703 min
Delta R.T.: 0.054 min
Response: 184356
Conc: 16.94 ng/ml



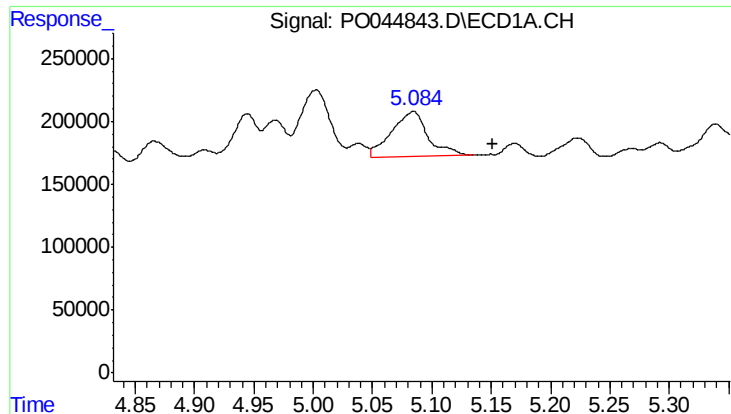
#11 AR-1232-1

R.T.: 4.446 min
Delta R.T.: 0.057 min
Response: 183682
Conc: 55.73 ng/ml



#11 AR-1232-1

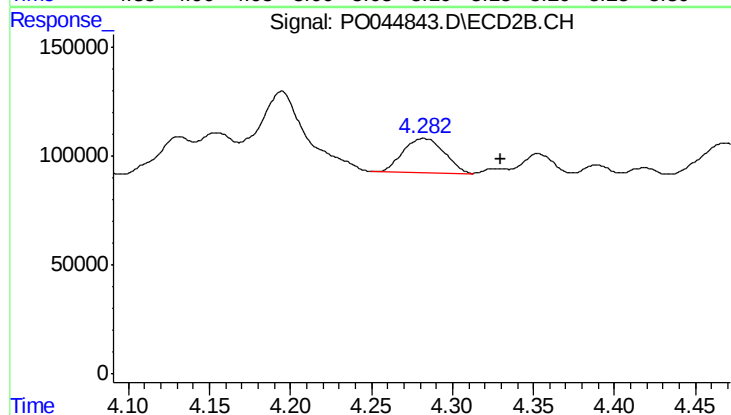
R.T.: 3.703 min
Delta R.T.: 0.054 min
Response: 184356
Conc: 38.32 ng/ml



#12 AR-1232-2

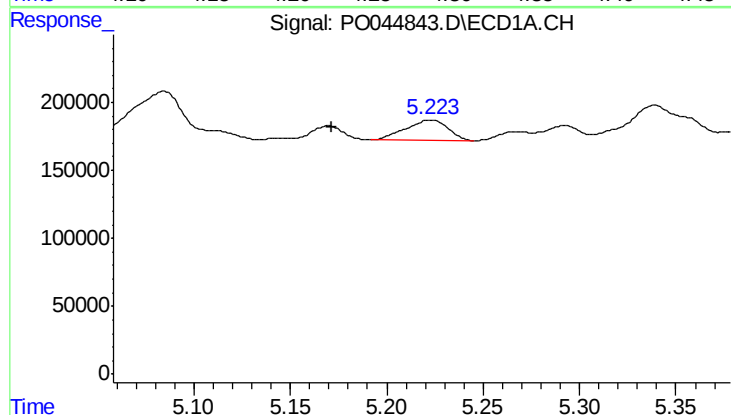
R.T.: 5.085 min
Delta R.T.: -0.067 min
Response: 775957
Conc: 329.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
NFS-OIL



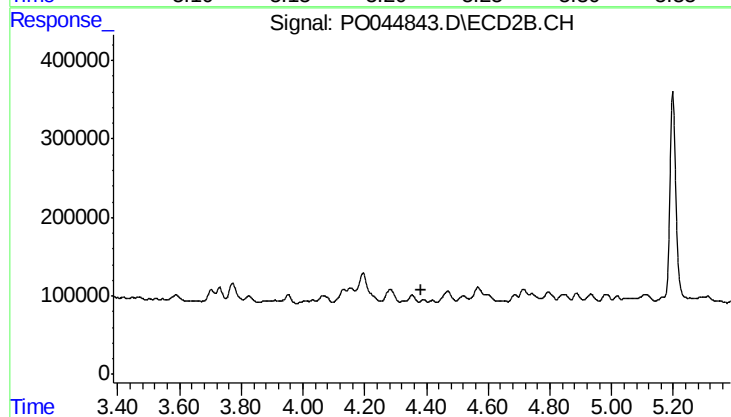
#12 AR-1232-2

R.T.: 4.282 min
Delta R.T.: -0.047 min
Response: 275874
Conc: 25.91 ng/ml



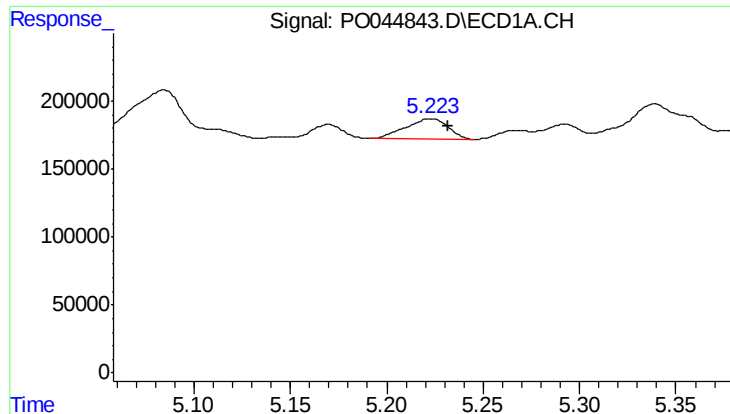
#13 AR-1232-3

R.T.: 5.223 min
Delta R.T.: 0.052 min
Response: 229179
Conc: 52.75 ng/ml



#13 AR-1232-3

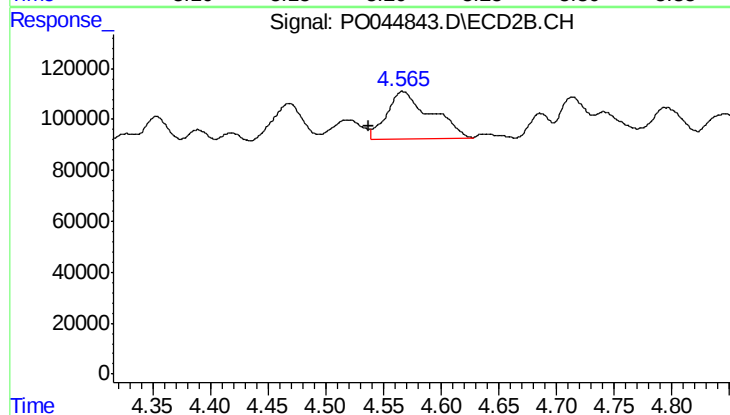
R.T.: 0.000 min
Exp R.T.: 4.385 min
Response: 0
Conc: N.D.



#14 AR-1232-4

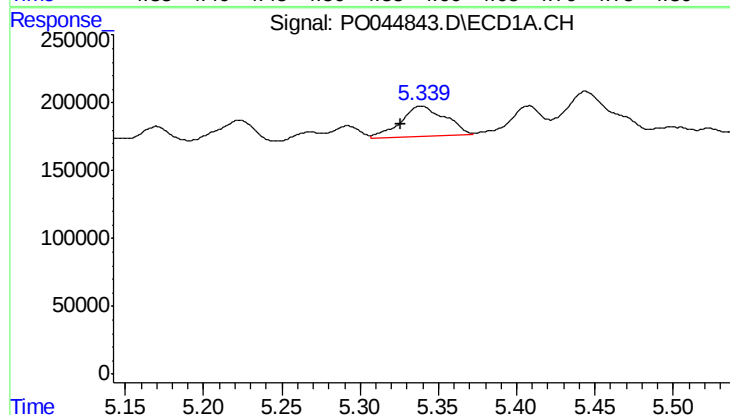
R.T.: 5.223 min
Delta R.T.: -0.009 min
Response: 229179
Conc: 84.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
NFS-OIL



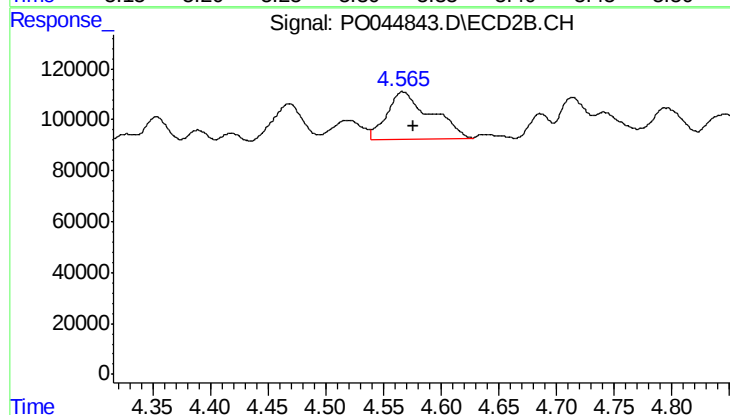
#14 AR-1232-4

R.T.: 4.567 min
Delta R.T.: 0.029 min
Response: 488411
Conc: 85.65 ng/ml



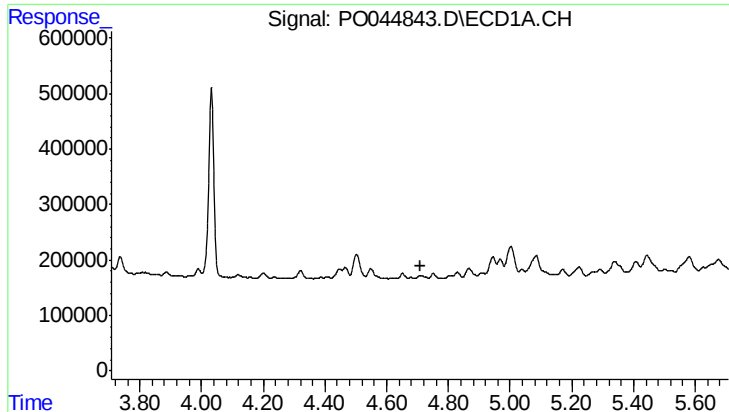
#15 AR-1232-5

R.T.: 5.339 min
Delta R.T.: 0.013 min
Response: 445637
Conc: 215.44 ng/ml



#15 AR-1232-5

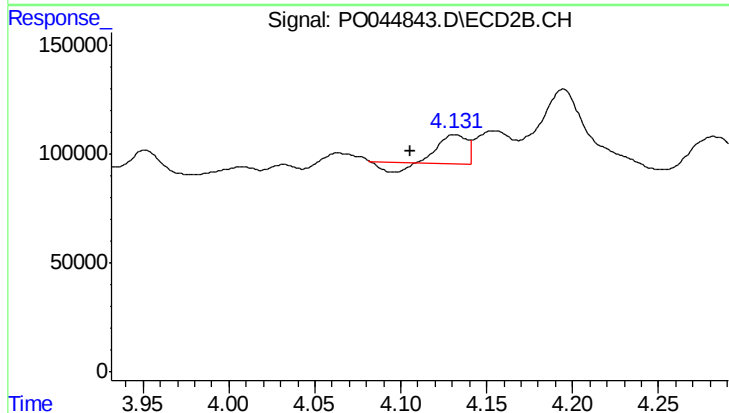
R.T.: 4.567 min
Delta R.T.: -0.009 min
Response: 488411
Conc: 172.01 ng/ml



#16 AR-1242-1

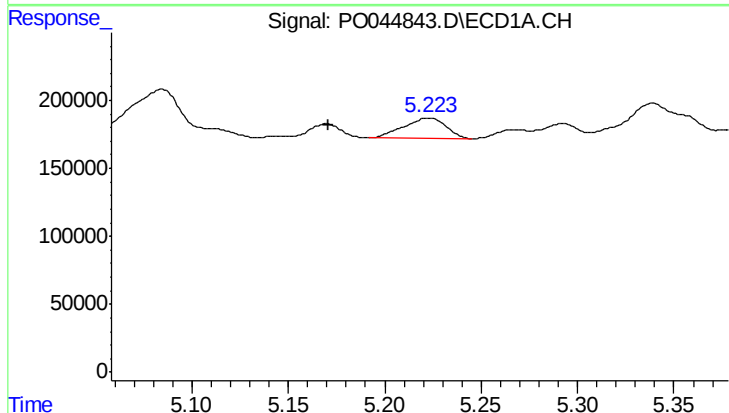
R.T.: 0.000 min
Exp R.T.: 4.708 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
NFS-OIL



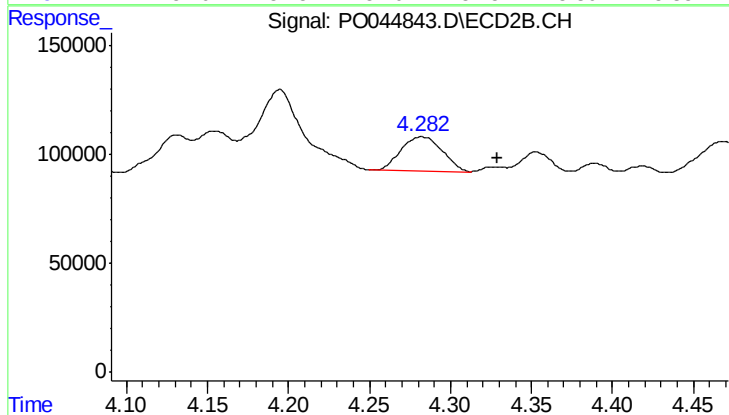
#16 AR-1242-1

R.T.: 4.131 min
Delta R.T.: 0.026 min
Response: 133213
Conc: 23.24 ng/ml



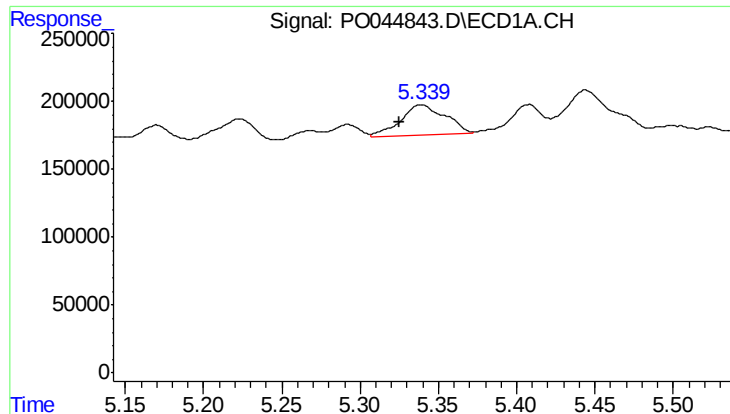
#17 AR-1242-2

R.T.: 5.223 min
Delta R.T.: 0.052 min
Response: 229179
Conc: 32.91 ng/ml



#17 AR-1242-2

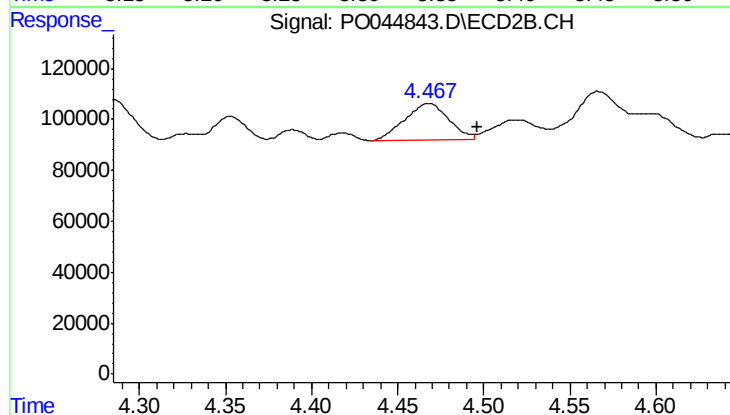
R.T.: 4.282 min
Delta R.T.: -0.046 min
Response: 275874
Conc: 15.04 ng/ml



#18 AR-1242-3

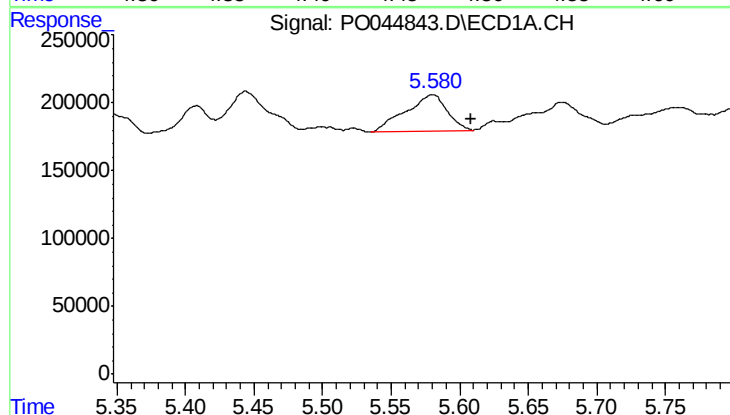
R.T.: 5.339 min
Delta R.T.: 0.014 min
Response: 445637
Conc: 130.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
NFS-OIL



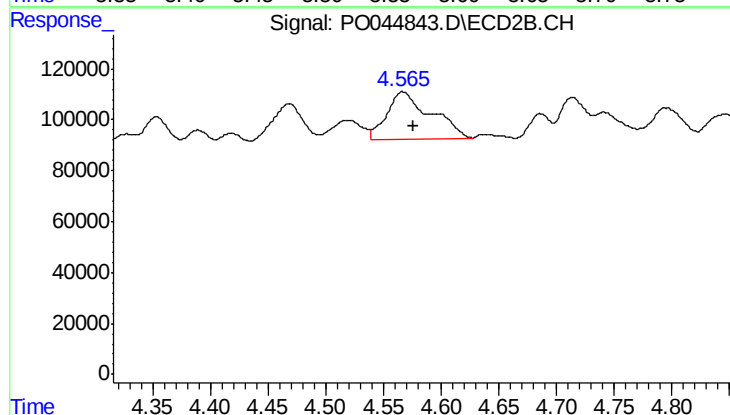
#18 AR-1242-3

R.T.: 4.468 min
Delta R.T.: -0.029 min
Response: 258683
Conc: 41.54 ng/ml



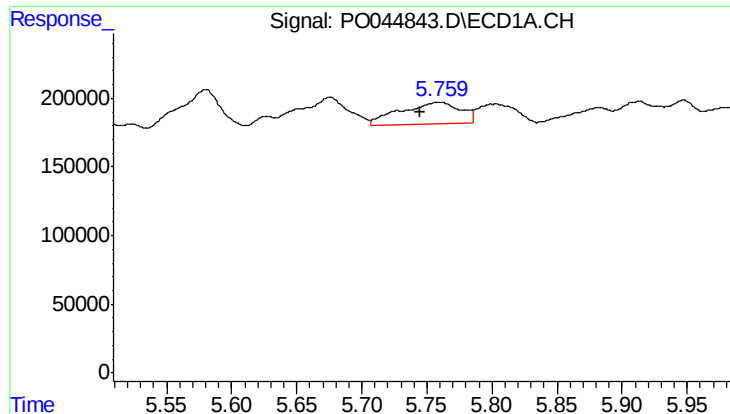
#19 AR-1242-4

R.T.: 5.580 min
Delta R.T.: -0.028 min
Response: 583712
Conc: 177.95 ng/ml



#19 AR-1242-4

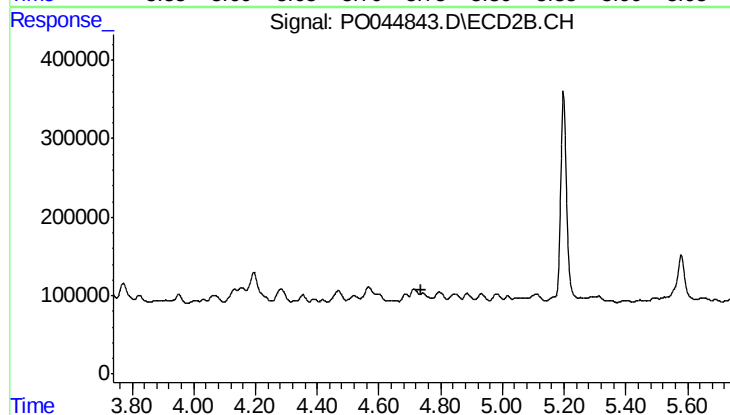
R.T.: 4.567 min
Delta R.T.: -0.009 min
Response: 488411
Conc: 82.64 ng/ml



#20 AR-1242-5

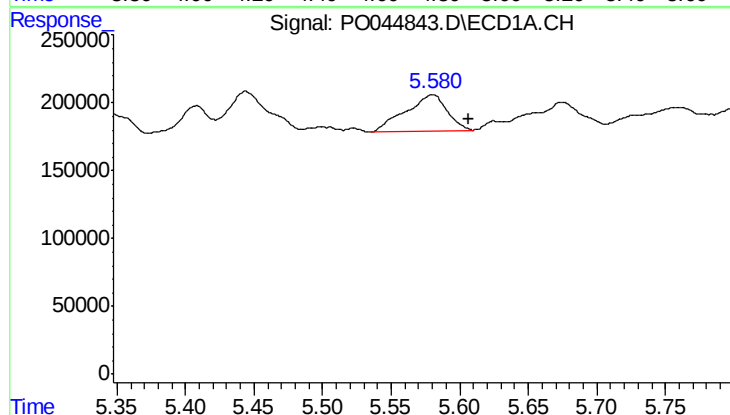
R.T.: 5.760 min
Delta R.T.: 0.016 min
Response: 514879
Conc: 141.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
NFS-OIL



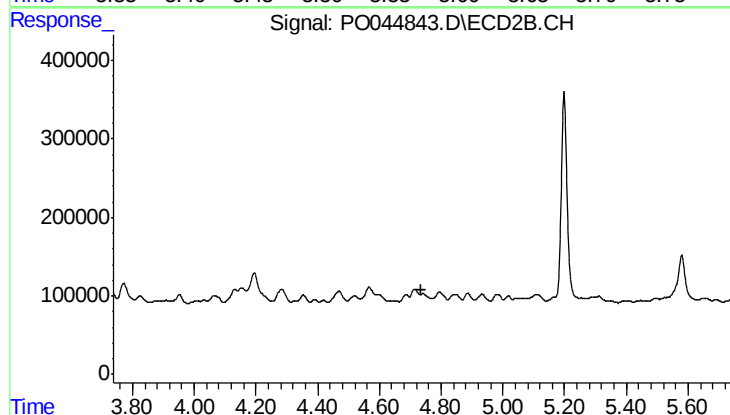
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T.: 4.739 min
Response: 0
Conc: N.D.



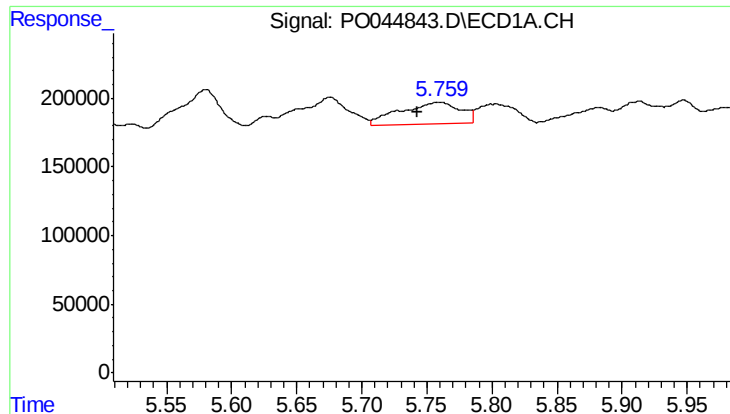
#21 AR-1248-1

R.T.: 5.580 min
Delta R.T.: -0.027 min
Response: 583712
Conc: 107.27 ng/ml



#21 AR-1248-1

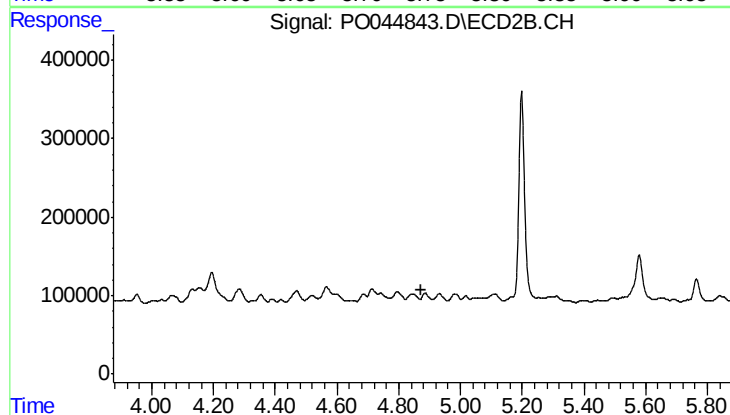
R.T.: 0.000 min
Exp R.T.: 4.737 min
Response: 0
Conc: N.D.



#22 AR-1248-2

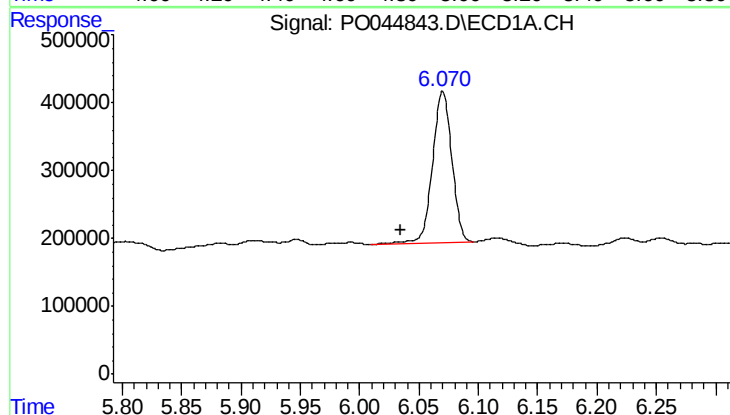
R.T.: 5.760 min
Delta R.T.: 0.018 min
Response: 514879
Conc: 108.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
NFS-OIL



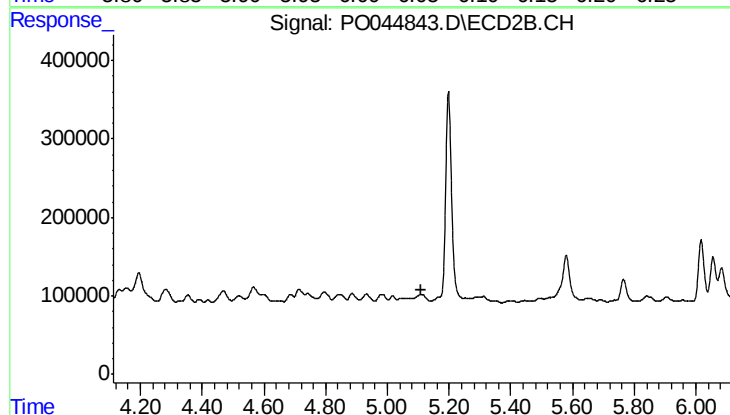
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 4.875 min
Response: 0
Conc: N.D.



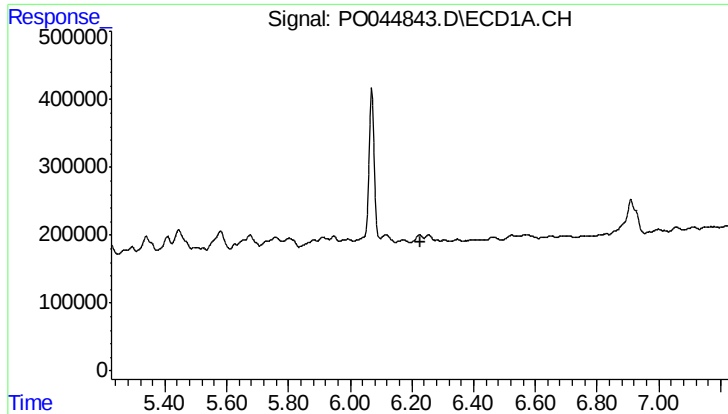
#24 AR-1248-4

R.T.: 6.070 min
Delta R.T.: 0.036 min
Response: 2522145
Conc: 359.30 ng/ml



#24 AR-1248-4

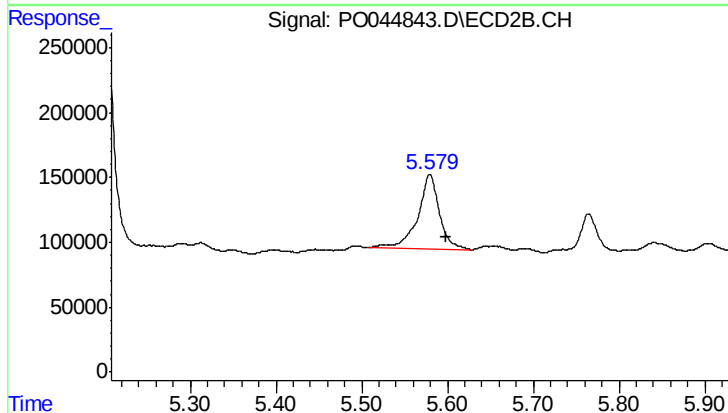
R.T.: 0.000 min
Exp R.T.: 5.112 min
Response: 0
Conc: N.D.



#25 AR-1248-5

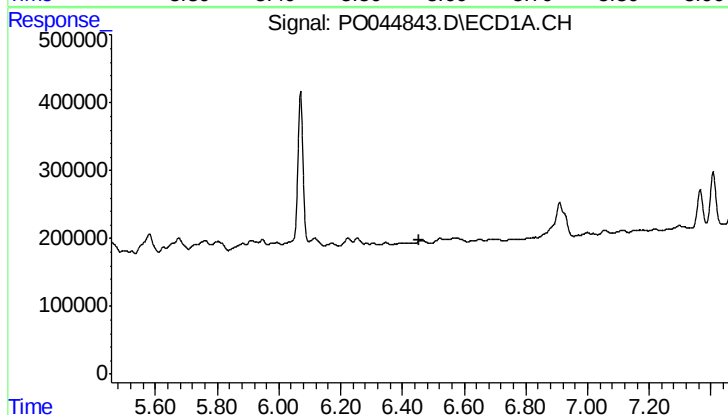
R.T.: 0.000 min
Exp R.T.: 6.226 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
NFS-OIL



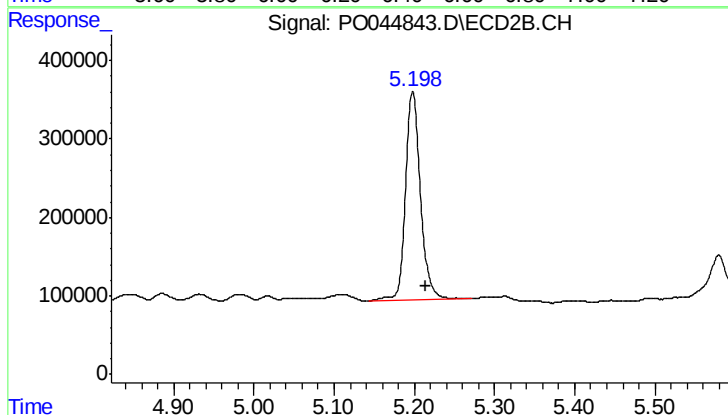
#25 AR-1248-5

R.T.: 5.580 min
Delta R.T.: -0.020 min
Response: 1021350
Conc: 143.46 ng/ml



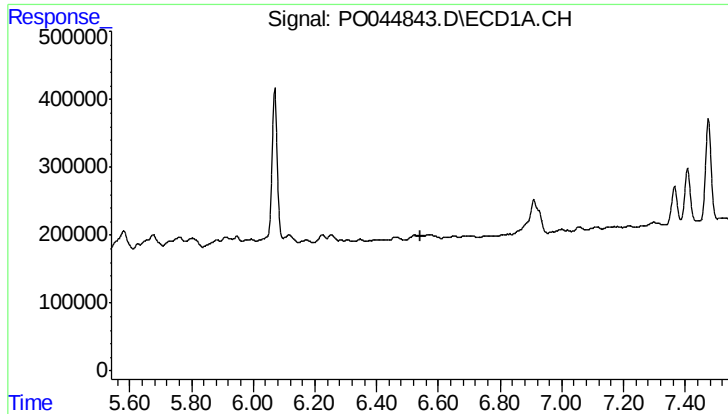
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T.: 6.457 min
Response: 0
Conc: N.D.



#27 AR-1254-2

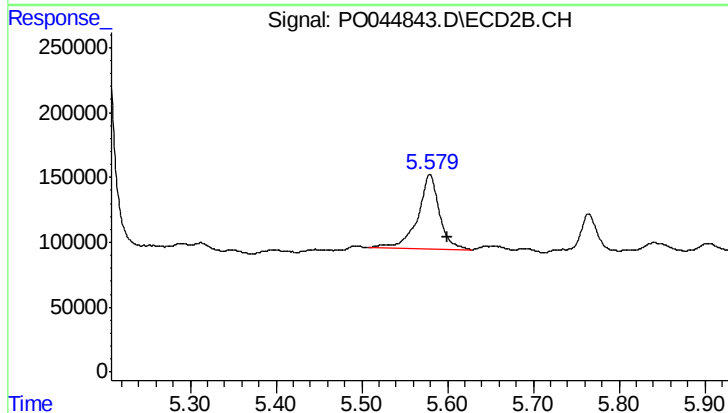
R.T.: 5.198 min
Delta R.T.: -0.017 min
Response: 3442465
Conc: 244.32 ng/ml



#28 AR-1254-3

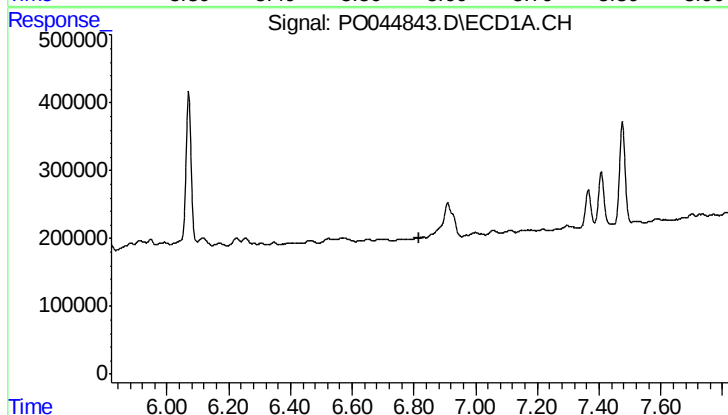
R.T.: 0.000 min
Exp R.T.: 6.541 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
NFS-OIL



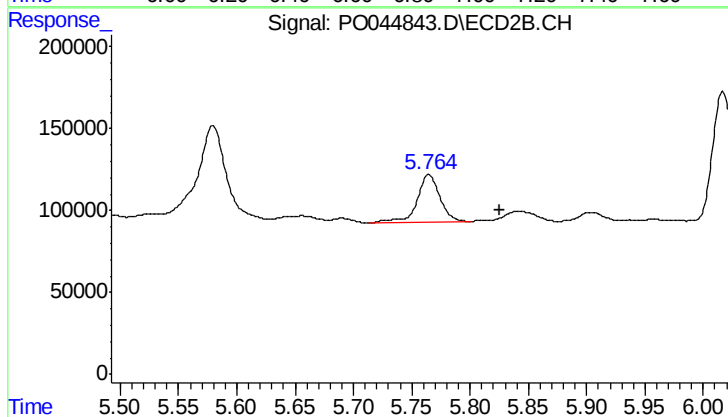
#28 AR-1254-3

R.T.: 5.580 min
Delta R.T.: -0.021 min
Response: 1021350
Conc: 43.67 ng/ml



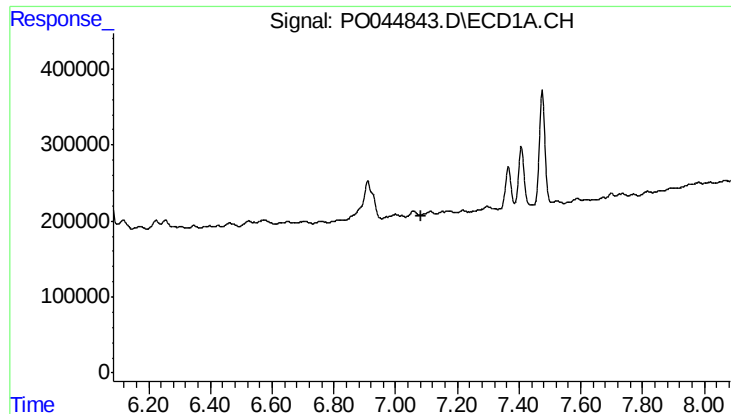
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T.: 6.819 min
Response: 0
Conc: N.D.



#29 AR-1254-4

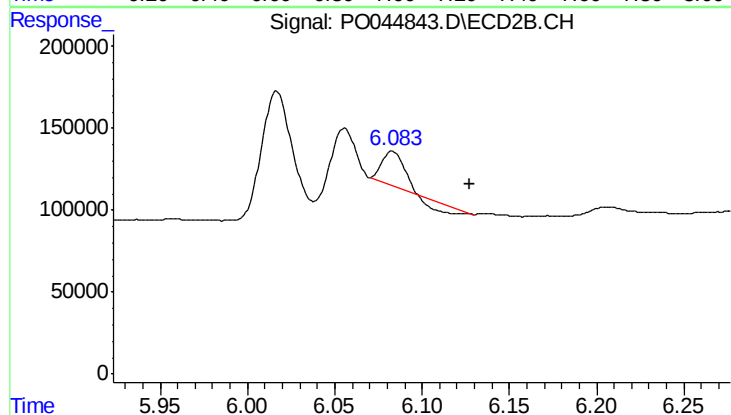
R.T.: 5.765 min
Delta R.T.: -0.061 min
Response: 394738
Conc: 21.14 ng/ml



#30 AR-1254-5

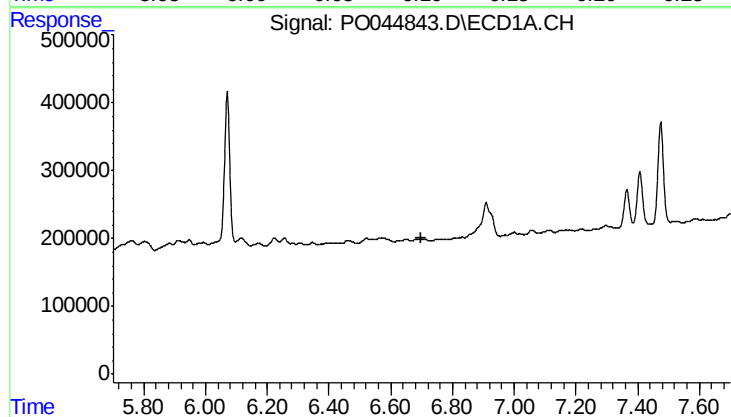
R.T.: 0.000 min
Exp R.T.: 7.085 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
NFS-OIL



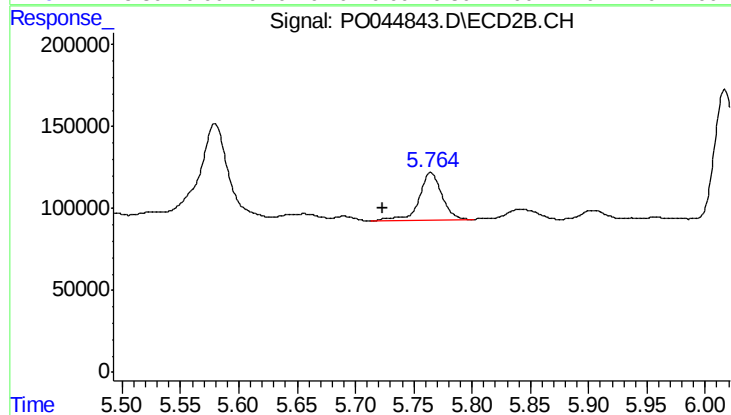
#30 AR-1254-5

R.T.: 6.083 min
Delta R.T.: -0.044 min
Response: 120485
Conc: 10.97 ng/ml



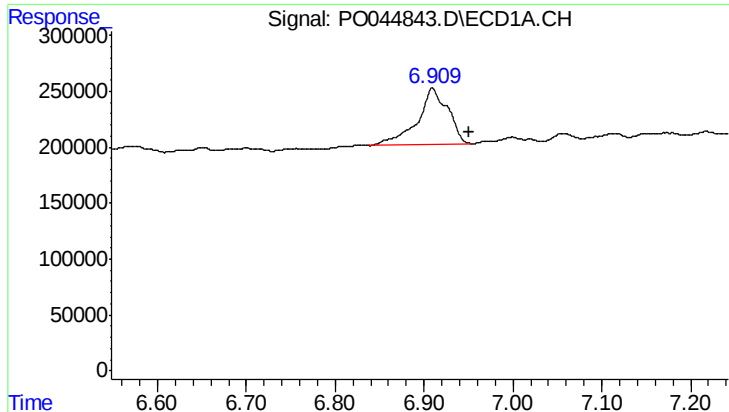
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T.: 6.701 min
Response: 0
Conc: N.D.



#31 AR-1260-1

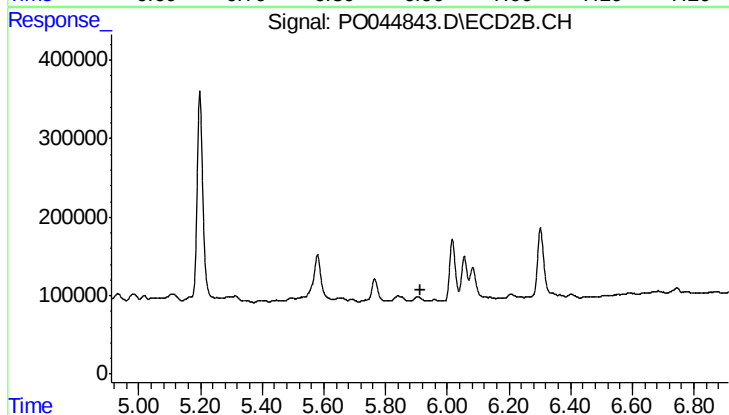
R.T.: 5.765 min
Delta R.T.: 0.041 min
Response: 394738
Conc: 24.88 ng/ml



#32 AR-1260-2

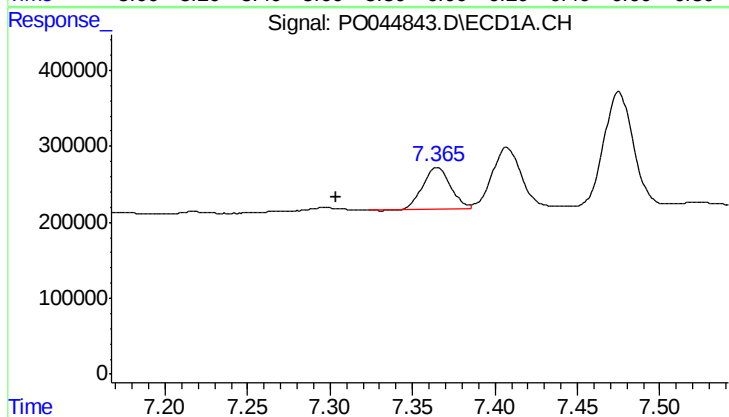
R.T.: 6.909 min
Delta R.T.: -0.042 min
Response: 1208321
Conc: 95.32 ng/ml

Instrument :
ECD_O
ClientSampleId :
NFS-OIL



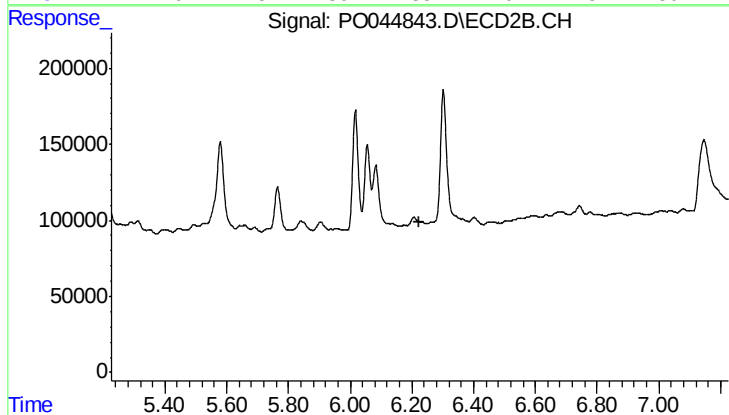
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T.: 5.912 min
Response: 0
Conc: N.D.



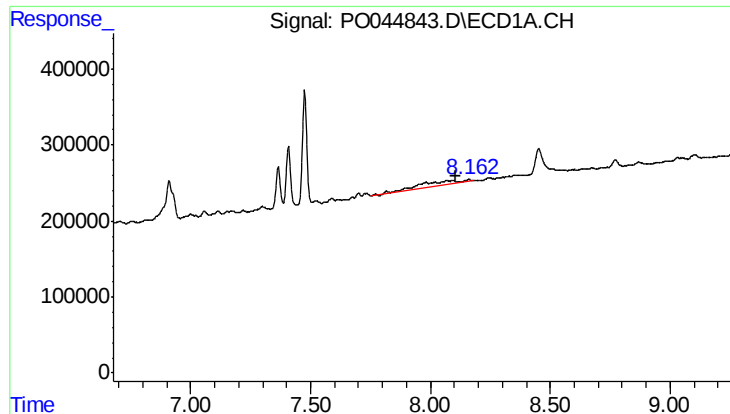
#33 AR-1260-3

R.T.: 7.365 min
Delta R.T.: 0.062 min
Response: 637182
Conc: 60.54 ng/ml



#33 AR-1260-3

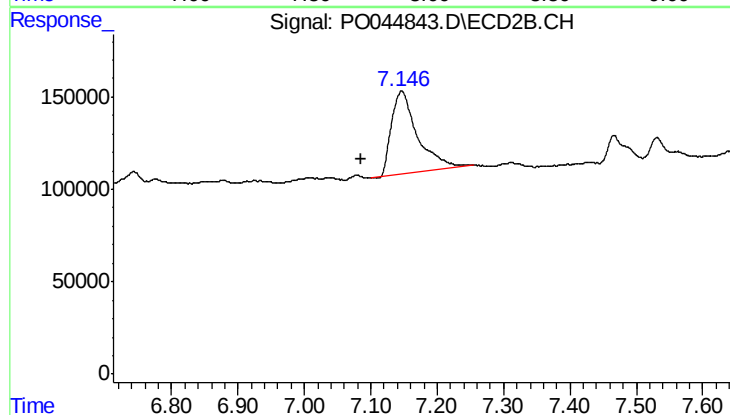
R.T.: 0.000 min
Exp R.T.: 6.226 min
Response: 0
Conc: N.D.



#35 AR-1260-5

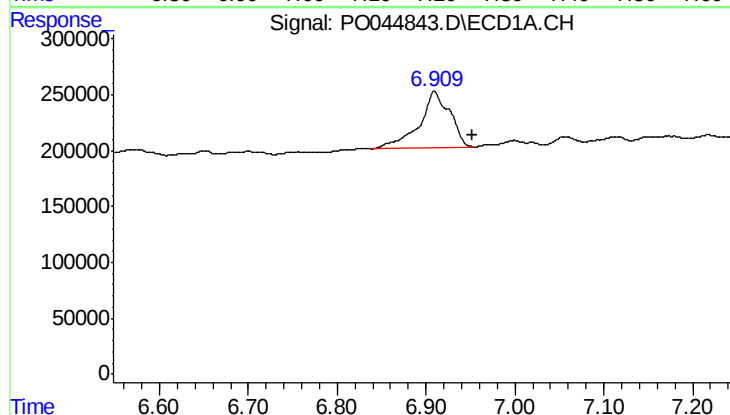
R.T.: 8.159 min
Delta R.T.: 0.051 min
Response: 743504
Conc: 50.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
NFS-OIL



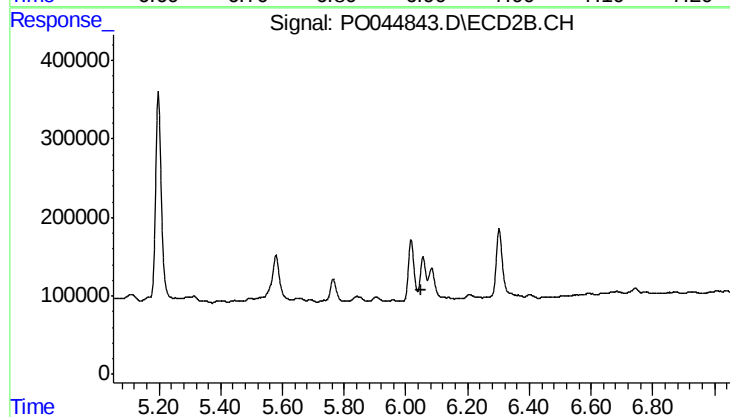
#35 AR-1260-5

R.T.: 7.147 min
Delta R.T.: 0.061 min
Response: 1232559
Conc: 42.38 ng/ml



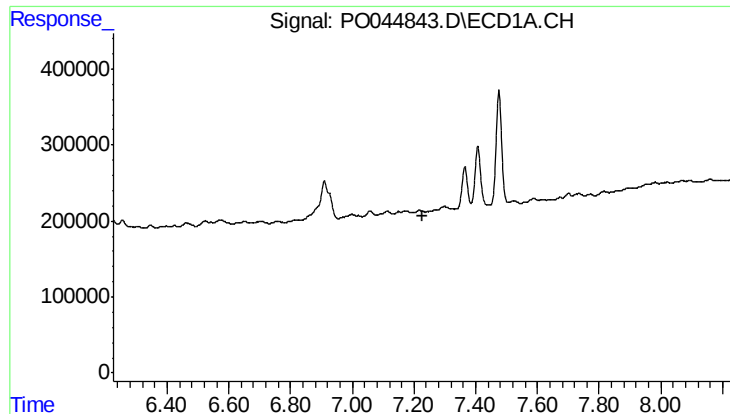
#37 AR-1262-2

R.T.: 6.909 min
Delta R.T.: -0.042 min
Response: 1208321
Conc: 114.71 ng/ml



#37 AR-1262-2

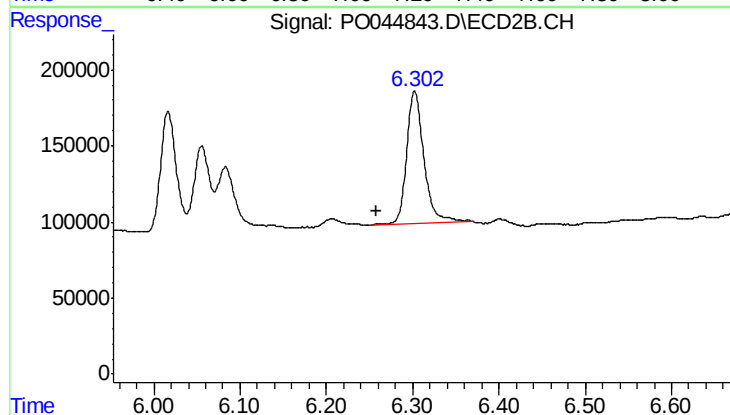
R.T.: 6.056 min
Delta R.T.: 0.004 min
Response: -46516
Conc: N.D.



#38 AR-1262-3

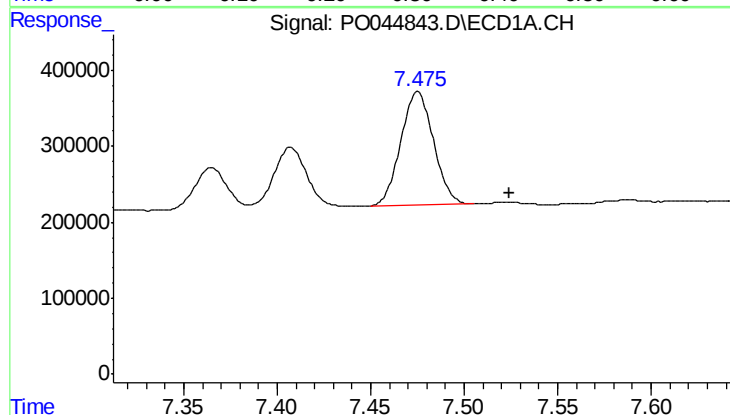
R.T.: 0.000 min
Exp R.T.: 7.226 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
NFS-OIL



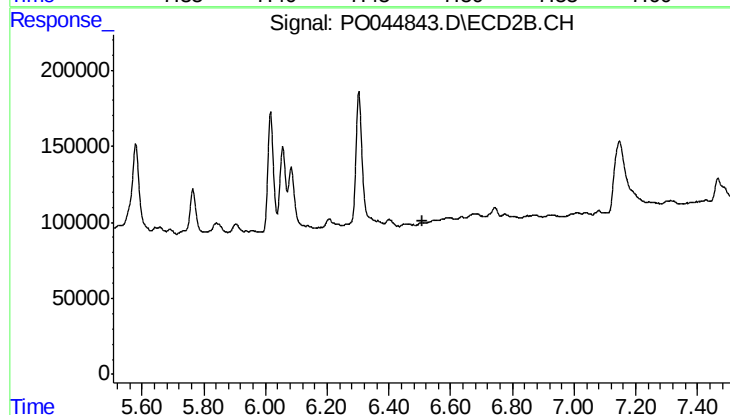
#38 AR-1262-3

R.T.: 6.302 min
Delta R.T.: 0.045 min
Response: 1237448
Conc: 41.71 ng/ml



#39 AR-1262-4

R.T.: 7.475 min
Delta R.T.: -0.049 min
Response: 1833448
Conc: 131.22 ng/ml



#39 AR-1262-4

R.T.: 0.000 min
Exp R.T.: 6.507 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
NFS-OIL

```

      R.T.:      0.000 min
Exp R.T.  :      7.019 min
Response:      0
      Conc:      N.D.

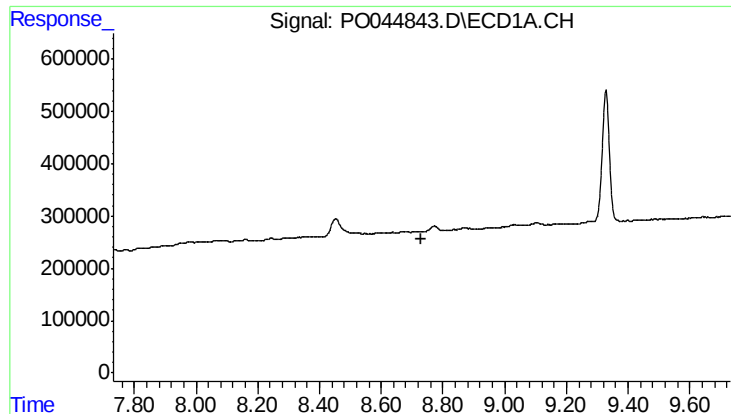
```

R.T.: 8.159 min
Delta R.T.: -0.017 min
Response: 743504
Conc: 24.89 ng/ml

```

      R.T.:      7.147 min
Delta R.T.:      0.061 min
Response:      1232559
      Conc:      22.85 ng/ml

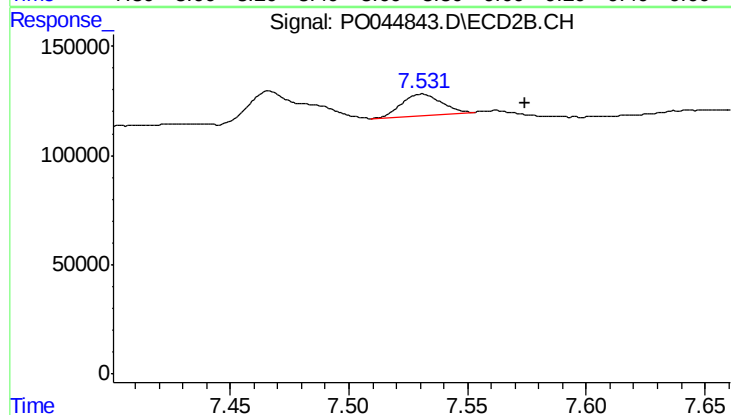
```



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 8.732 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
NFS-OIL



#44 AR-1268-4

R.T.: 7.531 min
Delta R.T.: -0.043 min
Response: 113961
Conc: 6.08 ng/ml