

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100422\
 Data File : PL078091.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Oct 2022 12:14
 Operator : AR\AJ
 Sample : N4892-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TOPSOIL-STORMWATER-DENALI

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 21:02:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100322.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 03 19:46:18 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.419	2.622	19632968	32391470	10.645	11.525
28)	SA Decachlor...	8.910	7.722	17364282	24760567	11.061	11.410
Target Compounds							
2)	A alpha-BHC	3.884	3.114	7133128	12706603	2.570	2.911
3)	MA gamma-BHC...	4.220	3.438	6731776	12352104	2.593	3.225
4)	MA Heptachlor	4.795	3.770	7656607	12359877	2.923	3.274
5)	MB Aldrin	5.136	4.044	8497531	13356001	3.584	3.742
6)	B beta-BHC	4.434	3.740	3348622	4827003	2.921	3.020
7)	B delta-BHC	4.676	3.962	5972199	12097553	2.524	3.092
8)	B Heptachlo...	5.572	4.544	24235220	10266975	11.285	3.235 #
9)	A Endosulfan I	5.956	4.909	5789904	16291787	3.011	5.584 #
10)	B gamma-Chl...	5.824	4.793	13611887	18032999	6.540	5.655
11)	B alpha-Chl...	5.903	4.855	11409436	20469098	5.530	6.683
12)	B 4,4'-DDE	6.081	5.050	20121429	35032155	10.404	11.558
13)	MA Dieldrin	6.232	5.173	5917490	18584395	3.063	6.025 #
14)	MA Endrin	6.464	5.469f	8652872	32675223	5.083	12.572 #
15)	B Endosulfa...	6.692	5.742	9032716	8996877	4.981	3.421 #
16)	A 4,4'-DDD	6.606	5.603	6154363	7981901	4.220	3.360
17)	MA 4,4'-DDT	6.917	5.851	8257943	14086640	4.993	5.772
18)	B Endrin al...	6.824	5.921	4034980	7205686	3.154	3.666
19)	B Endosulfa...	7.057	6.144	4057427	10630062	2.613	4.272 #
20)	A Methoxychlor	7.398	6.429	1998404	462666	2.421	0.359 #
21)	B Endrin ke...	7.546	6.643	2925331	9174435	1.749	3.340 #
22)	Mirex	8.005	6.819	3961388	6299724	3.108	3.210
23)	Chlordane-1	4.580	3.599	1479717	2010848	20.173	19.643
24)	Chlordane-2	5.136f	4.170	8497531	3267843	105.331	29.312 #
25)	Chlordane-3	5.824	4.793	13611887	18032999	45.733	56.172
26)	Chlordane-4	5.903	4.855	11409436	20469098	31.783	61.105 #
27)	Chlordane-5	0.000	5.523	0	3976497	N.D.	48.001 #

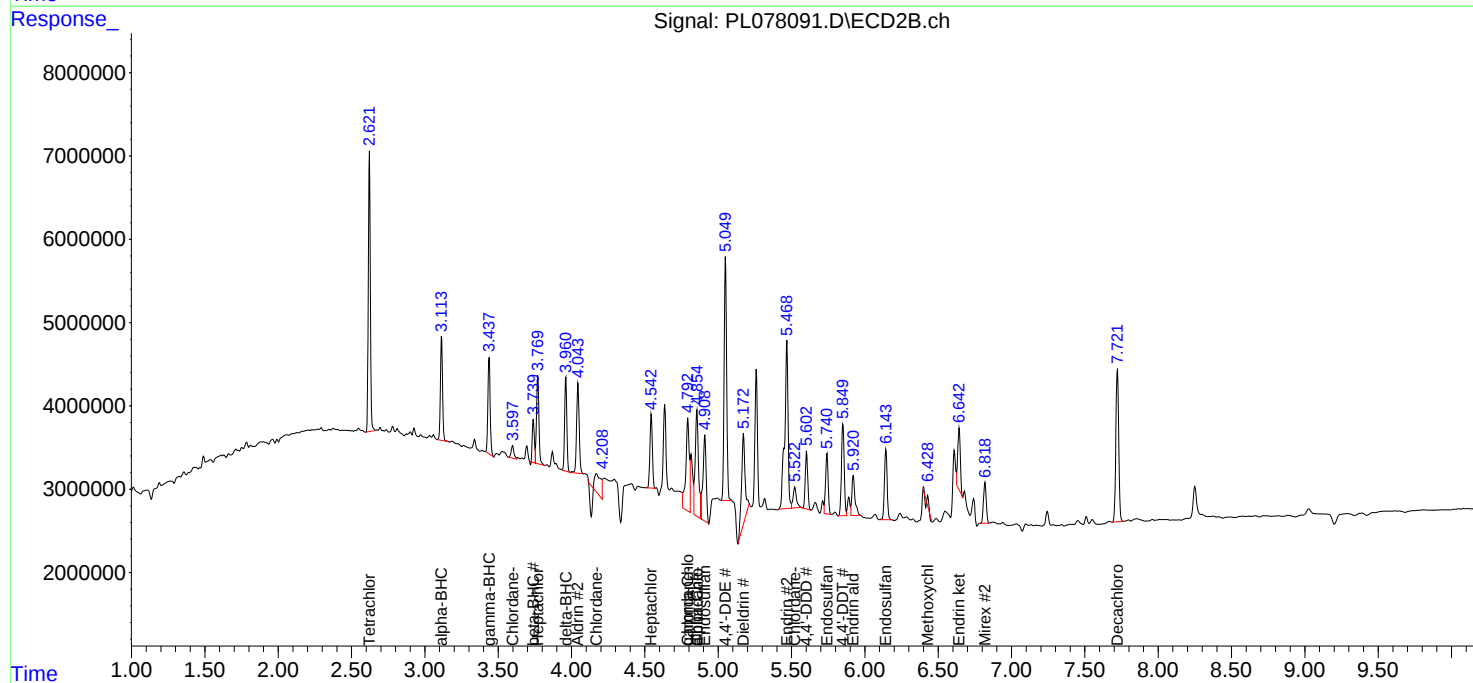
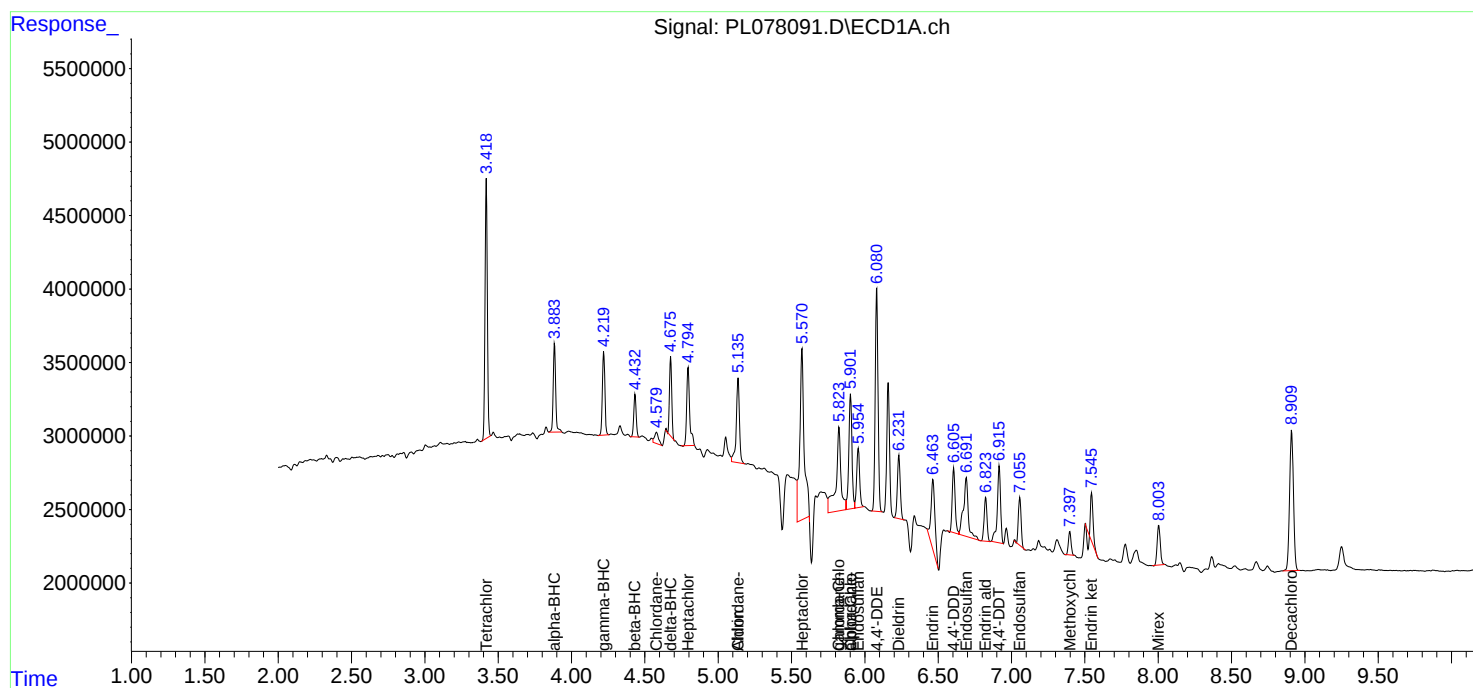
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

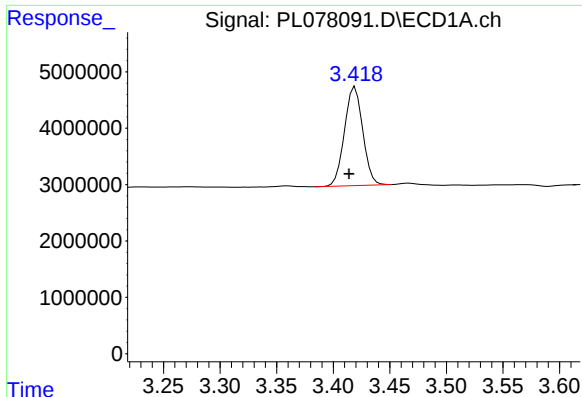
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100422\
Data File : PL078091.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Oct 2022 12:14
Operator : AR\AJ
Sample : N4892-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-STORMWATER-DENALI

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 21:02:26 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100322.M
Quant Title : GC Extractables
QLast Update : Mon Oct 03 19:46:18 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

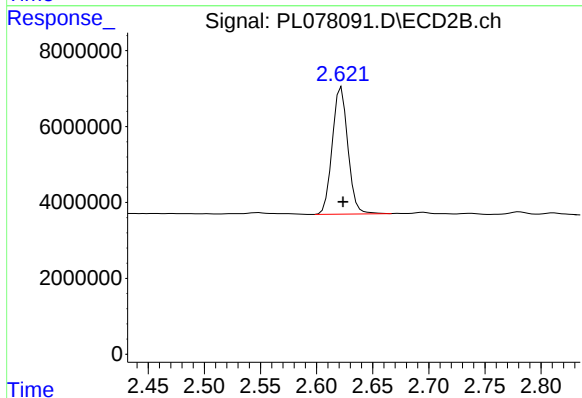




#1 Tetrachloro-m-xylene

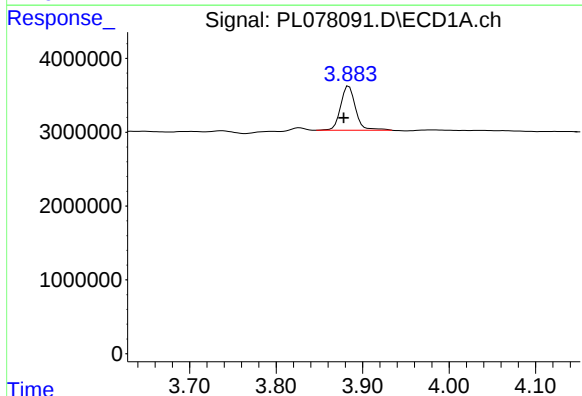
R.T.: 3.419 min
Delta R.T.: 0.005 min
Response: 19632968
Conc: 10.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-STORMWATER-DENALI



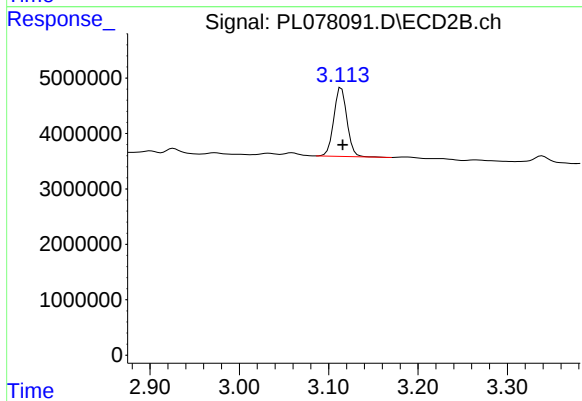
#1 Tetrachloro-m-xylene

R.T.: 2.622 min
Delta R.T.: -0.001 min
Response: 32391470
Conc: 11.52 ng/ml



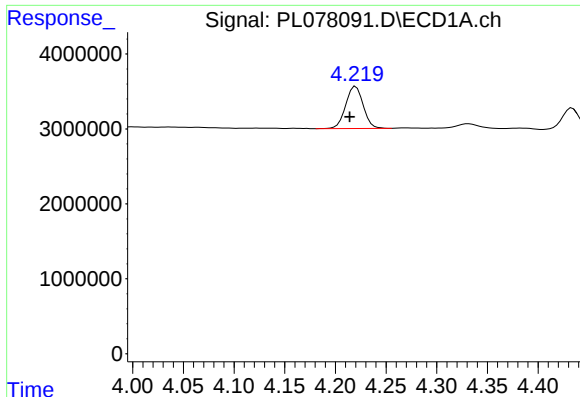
#2 alpha-BHC

R.T.: 3.884 min
Delta R.T.: 0.006 min
Response: 7133128
Conc: 2.57 ng/ml



#2 alpha-BHC

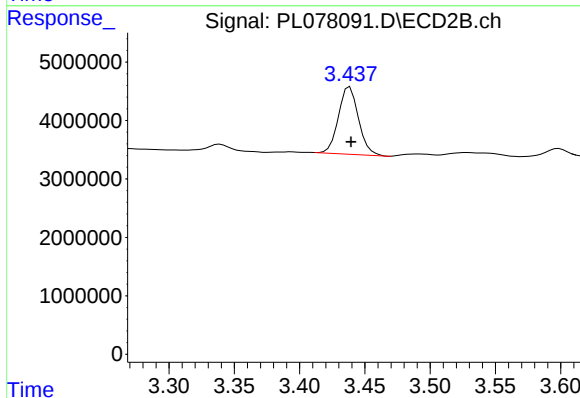
R.T.: 3.114 min
Delta R.T.: -0.002 min
Response: 12706603
Conc: 2.91 ng/ml



#3 gamma-BHC (Lindane)

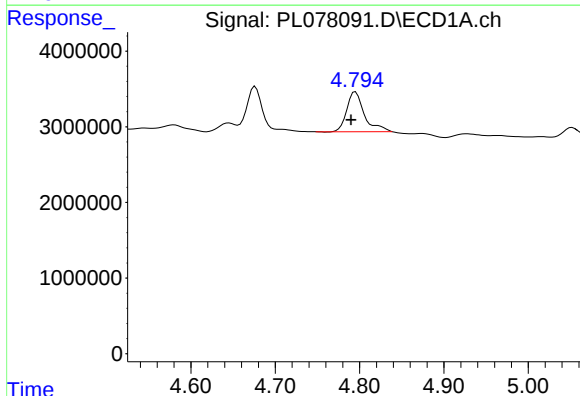
R.T.: 4.220 min
Delta R.T.: 0.006 min
Response: 6731776
Conc: 2.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-STORMWATER-DENALI



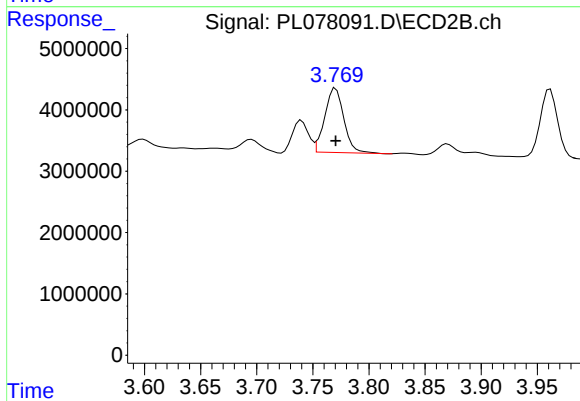
#3 gamma-BHC (Lindane)

R.T.: 3.438 min
Delta R.T.: 0.000 min
Response: 12352104
Conc: 3.23 ng/ml



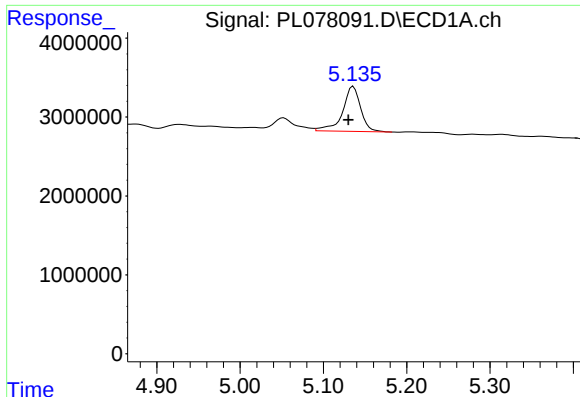
#4 Heptachlor

R.T.: 4.795 min
Delta R.T.: 0.005 min
Response: 7656607
Conc: 2.92 ng/ml



#4 Heptachlor

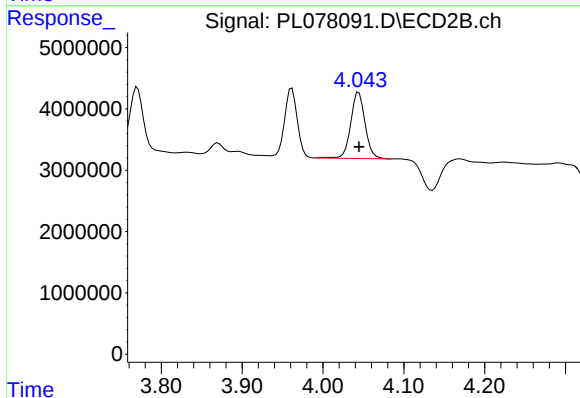
R.T.: 3.770 min
Delta R.T.: 0.000 min
Response: 12359877
Conc: 3.27 ng/ml



#5 Aldrin

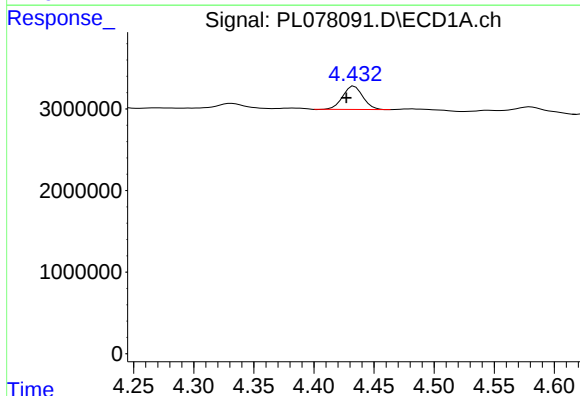
R.T.: 5.136 min
Delta R.T.: 0.006 min
Response: 8497531
Conc: 3.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-STORMWATER-DENALI



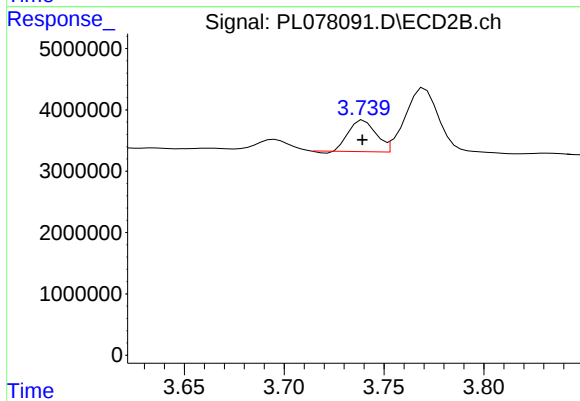
#5 Aldrin

R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 13356001
Conc: 3.74 ng/ml



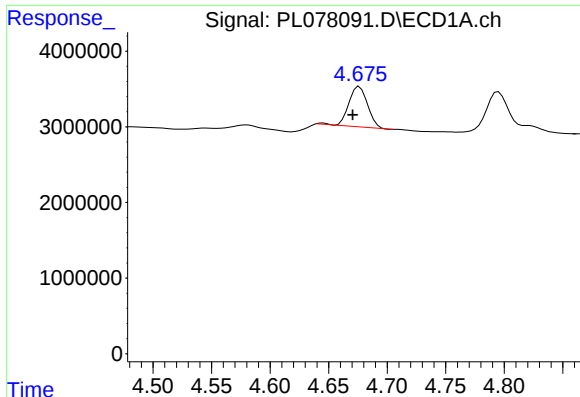
#6 beta-BHC

R.T.: 4.434 min
Delta R.T.: 0.007 min
Response: 3348622
Conc: 2.92 ng/ml



#6 beta-BHC

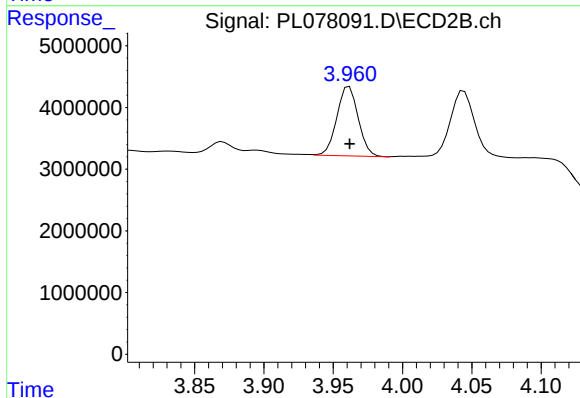
R.T.: 3.740 min
Delta R.T.: 0.000 min
Response: 4827003
Conc: 3.02 ng/ml



#7 delta-BHC

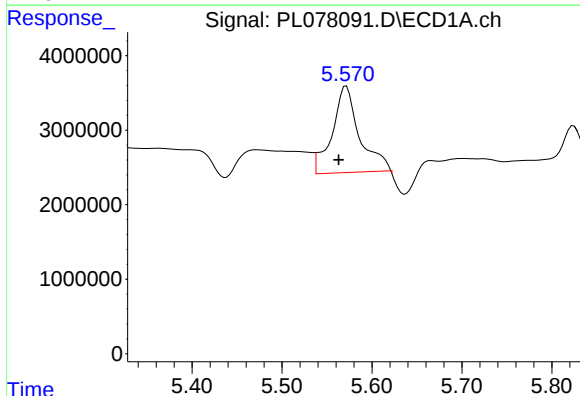
R.T.: 4.676 min
Delta R.T.: 0.006 min
Response: 5972199
Conc: 2.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-STORMWATER-DENALI



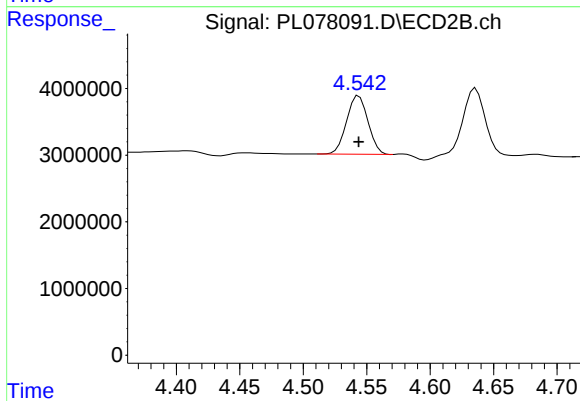
#7 delta-BHC

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 12097553
Conc: 3.09 ng/ml



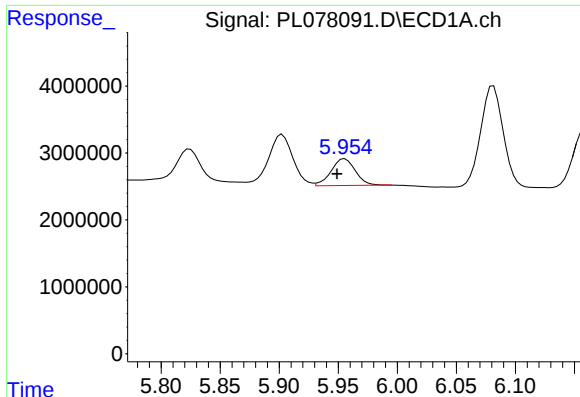
#8 Heptachlor epoxide

R.T.: 5.572 min
Delta R.T.: 0.009 min
Response: 24235220
Conc: 11.28 ng/ml



#8 Heptachlor epoxide

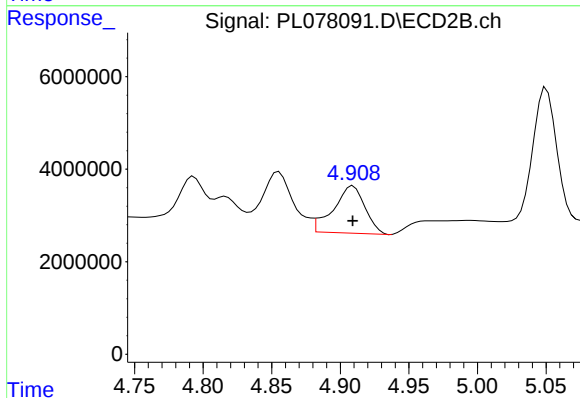
R.T.: 4.544 min
Delta R.T.: 0.000 min
Response: 10266975
Conc: 3.23 ng/ml



#9 Endosulfan I

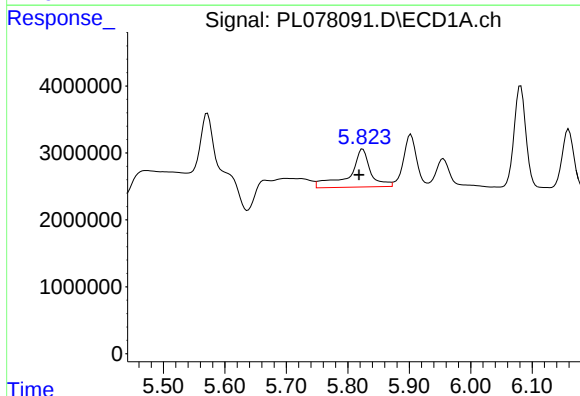
R.T.: 5.956 min
Delta R.T.: 0.006 min
Response: 5789904
Conc: 3.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-STORMWATER-DENALI



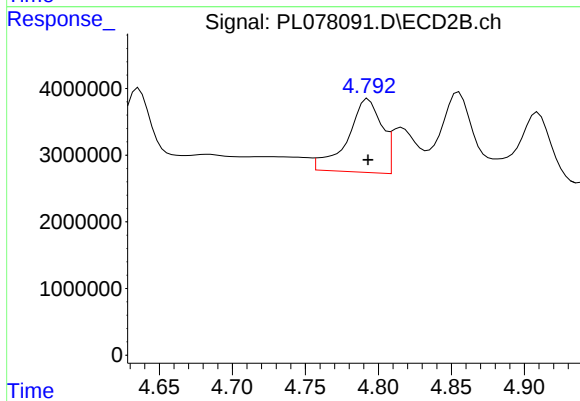
#9 Endosulfan I

R.T.: 4.909 min
Delta R.T.: 0.000 min
Response: 16291787
Conc: 5.58 ng/ml



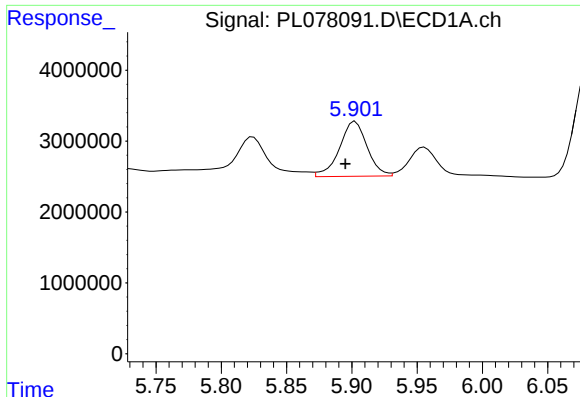
#10 gamma-Chlordane

R.T.: 5.824 min
Delta R.T.: 0.006 min
Response: 13611887
Conc: 6.54 ng/ml



#10 gamma-Chlordane

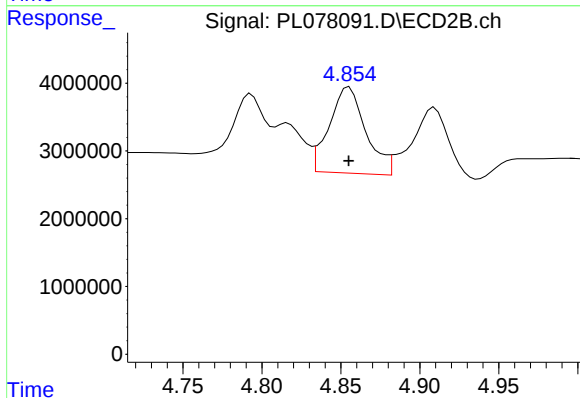
R.T.: 4.793 min
Delta R.T.: 0.000 min
Response: 18032999
Conc: 5.66 ng/ml



#11 alpha-Chlordane

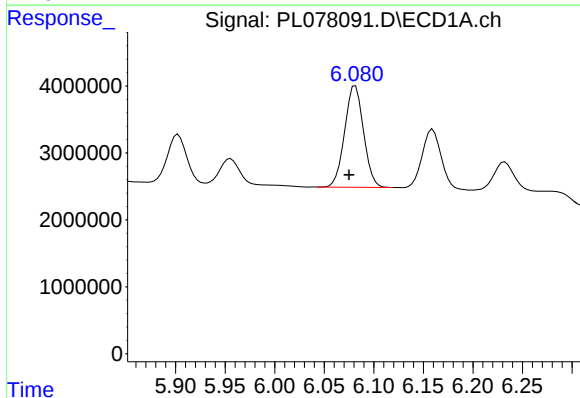
R.T.: 5.903 min
Delta R.T.: 0.007 min
Response: 11409436
Conc: 5.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-STORMWATER-DENALI



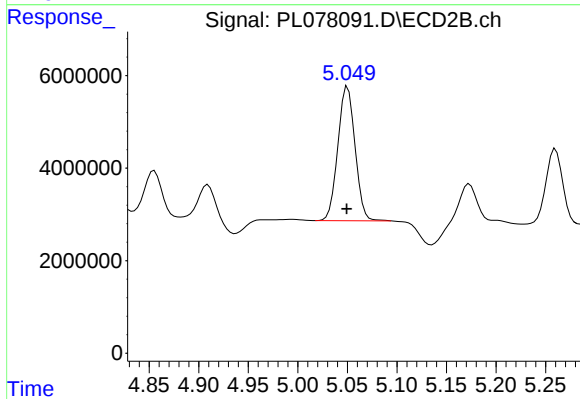
#11 alpha-Chlordane

R.T.: 4.855 min
Delta R.T.: 0.000 min
Response: 20469098
Conc: 6.68 ng/ml



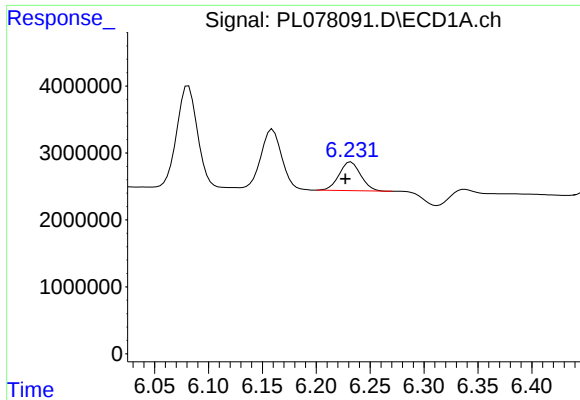
#12 4,4'-DDE

R.T.: 6.081 min
Delta R.T.: 0.006 min
Response: 20121429
Conc: 10.40 ng/ml



#12 4,4'-DDE

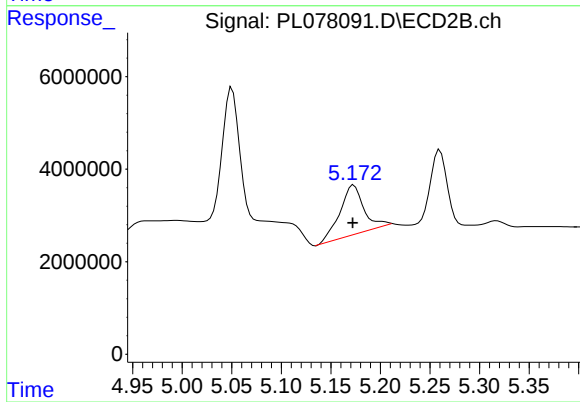
R.T.: 5.050 min
Delta R.T.: 0.000 min
Response: 35032155
Conc: 11.56 ng/ml



#13 Dieldrin

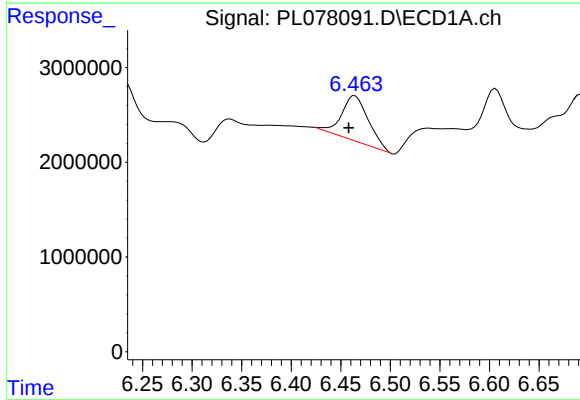
R.T.: 6.232 min
Delta R.T.: 0.005 min
Response: 5917490
Conc: 3.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-STORMWATER-DENALI



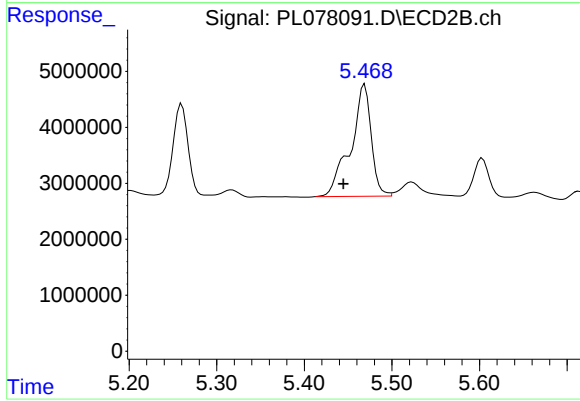
#13 Dieldrin

R.T.: 5.173 min
Delta R.T.: 0.001 min
Response: 18584395
Conc: 6.03 ng/ml



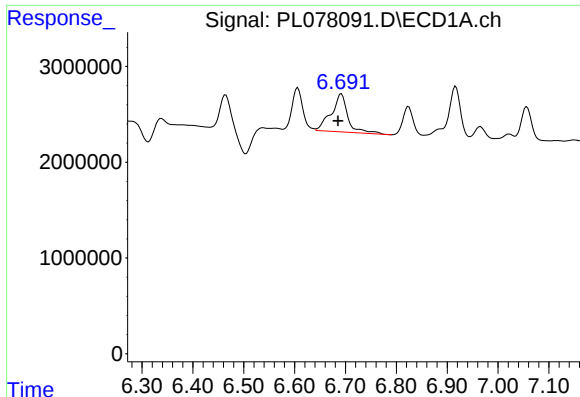
#14 Endrin

R.T.: 6.464 min
Delta R.T.: 0.006 min
Response: 8652872
Conc: 5.08 ng/ml



#14 Endrin

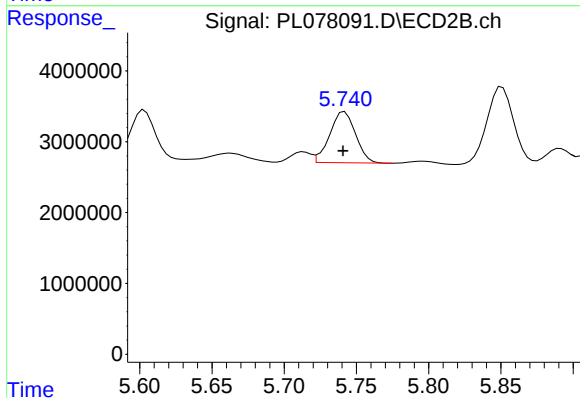
R.T.: 5.469 min
Delta R.T.: 0.024 min
Response: 32675223
Conc: 12.57 ng/ml



#15 Endosulfan II

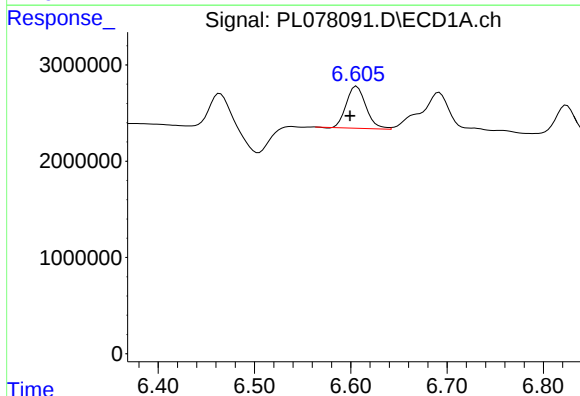
R.T.: 6.692 min
Delta R.T.: 0.006 min
Response: 9032716
Conc: 4.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-STORMWATER-DENALI



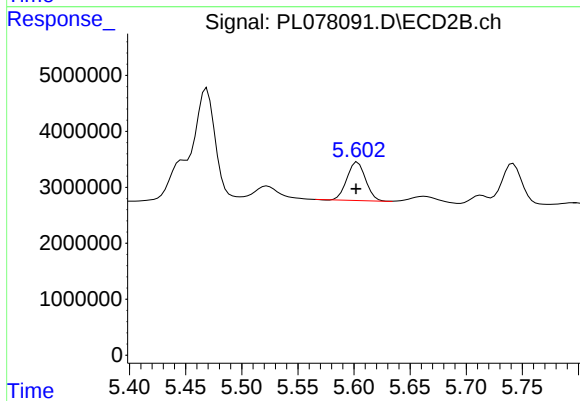
#15 Endosulfan II

R.T.: 5.742 min
Delta R.T.: 0.001 min
Response: 8996877
Conc: 3.42 ng/ml



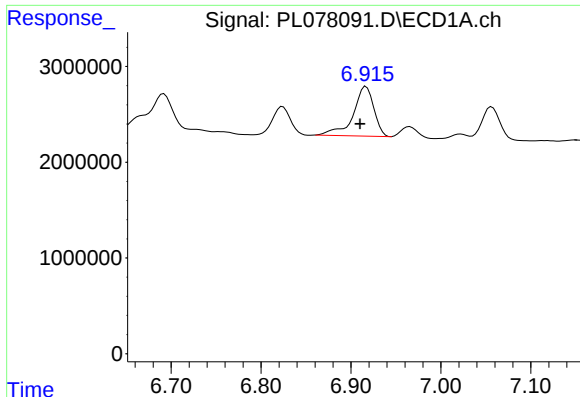
#16 4,4'-DDD

R.T.: 6.606 min
Delta R.T.: 0.007 min
Response: 6154363
Conc: 4.22 ng/ml



#16 4,4'-DDD

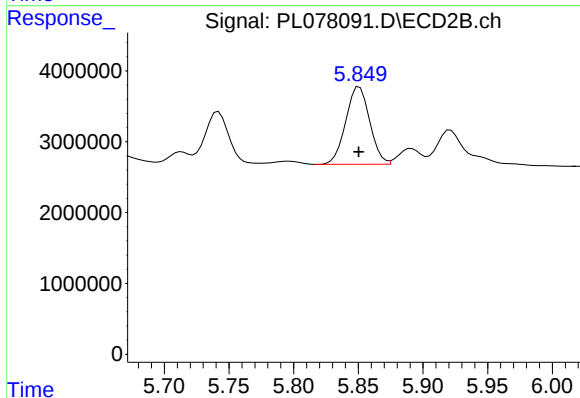
R.T.: 5.603 min
Delta R.T.: 0.001 min
Response: 7981901
Conc: 3.36 ng/ml



#17 4,4'-DDT

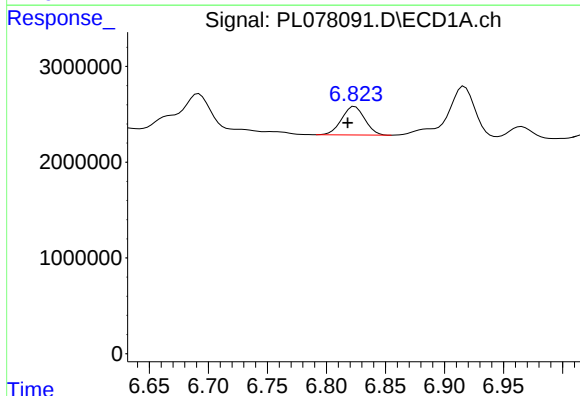
R.T.: 6.917 min
Delta R.T.: 0.007 min
Response: 8257943
Conc: 4.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-STORMWATER-DENALI



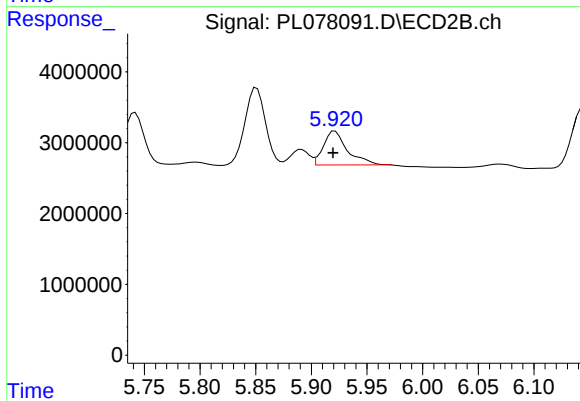
#17 4,4'-DDT

R.T.: 5.851 min
Delta R.T.: 0.000 min
Response: 14086640
Conc: 5.77 ng/ml



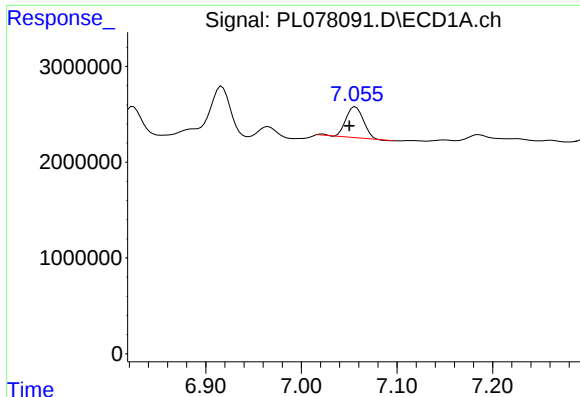
#18 Endrin aldehyde

R.T.: 6.824 min
Delta R.T.: 0.006 min
Response: 4034980
Conc: 3.15 ng/ml



#18 Endrin aldehyde

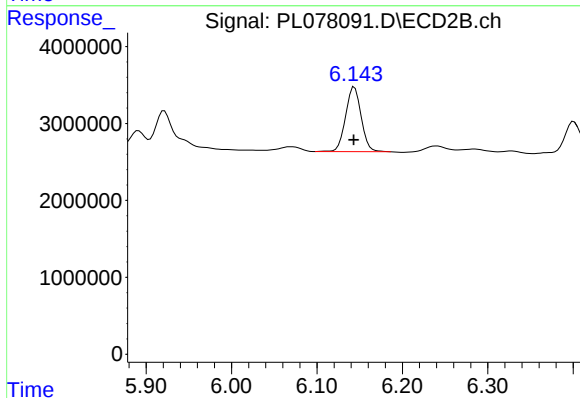
R.T.: 5.921 min
Delta R.T.: 0.002 min
Response: 7205686
Conc: 3.67 ng/ml



#19 Endosulfan Sulfate

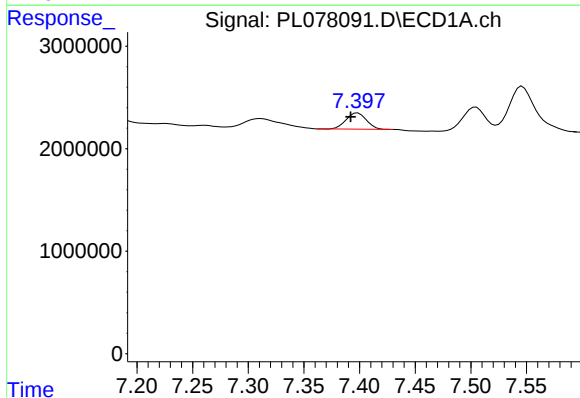
R.T.: 7.057 min
Delta R.T.: 0.006 min
Response: 4057427
Conc: 2.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-STORMWATER-DENALI



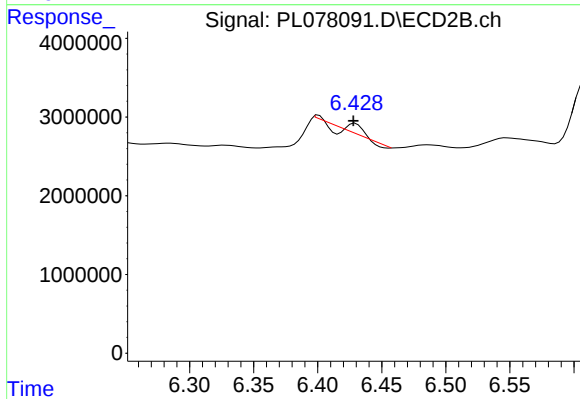
#19 Endosulfan Sulfate

R.T.: 6.144 min
Delta R.T.: 0.000 min
Response: 10630062
Conc: 4.27 ng/ml



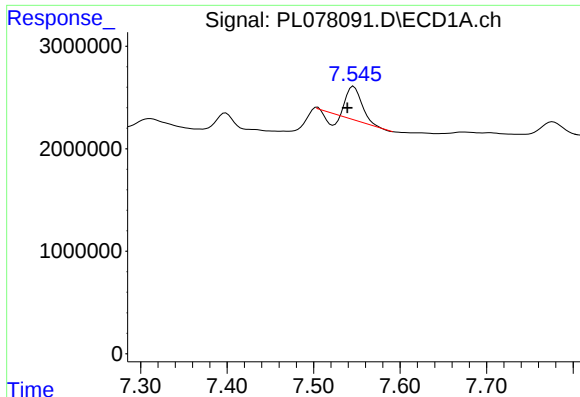
#20 Methoxychlor

R.T.: 7.398 min
Delta R.T.: 0.006 min
Response: 1998404
Conc: 2.42 ng/ml



#20 Methoxychlor

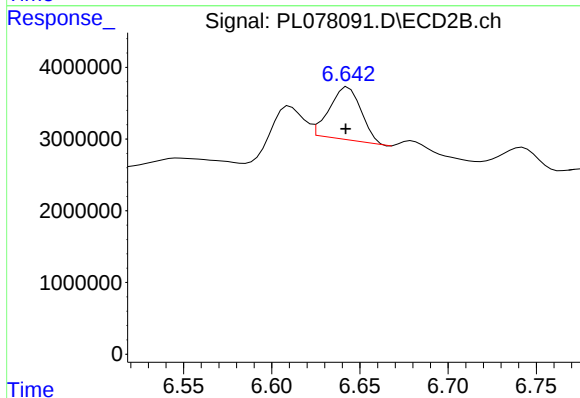
R.T.: 6.429 min
Delta R.T.: 0.001 min
Response: 462666
Conc: 0.36 ng/ml



#21 Endrin ketone

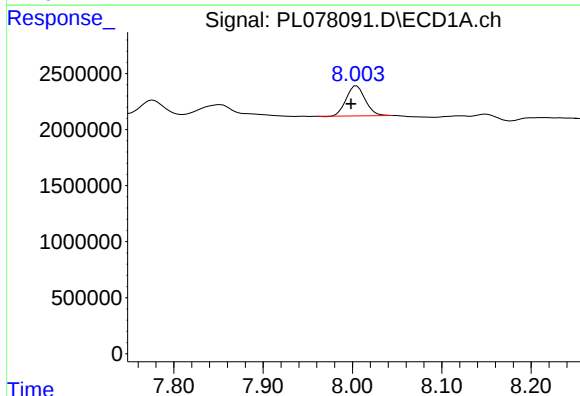
R.T.: 7.546 min
Delta R.T.: 0.007 min
Response: 2925331
Conc: 1.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-STORMWATER-DENALI



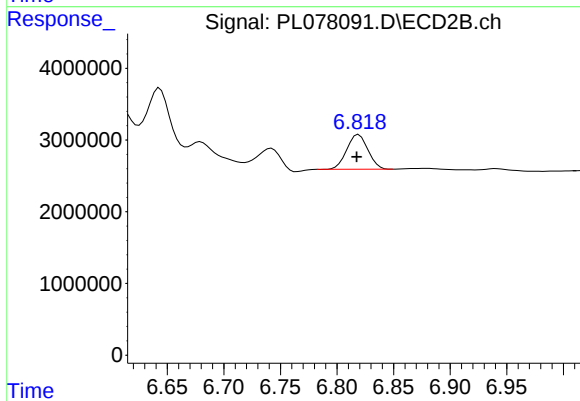
#21 Endrin ketone

R.T.: 6.643 min
Delta R.T.: 0.001 min
Response: 9174435
Conc: 3.34 ng/ml



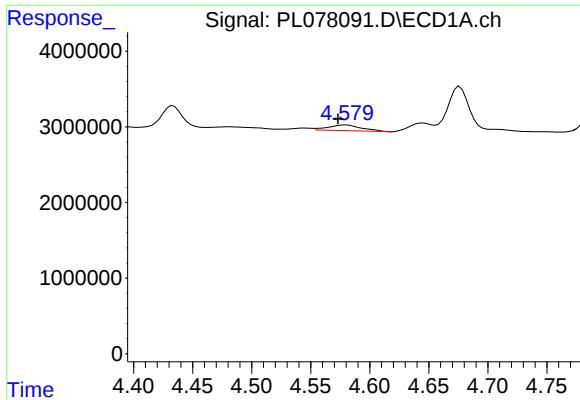
#22 Mirex

R.T.: 8.005 min
Delta R.T.: 0.006 min
Response: 3961388
Conc: 3.11 ng/ml



#22 Mirex

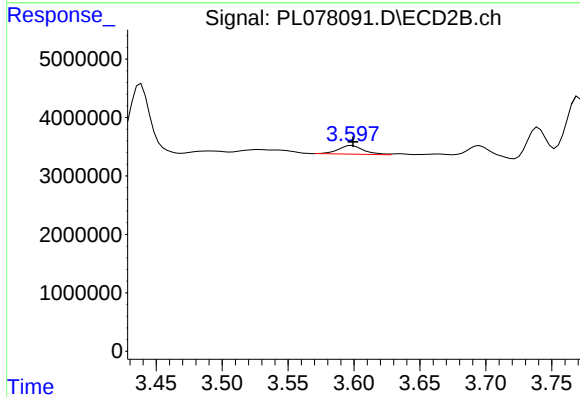
R.T.: 6.819 min
Delta R.T.: 0.002 min
Response: 6299724
Conc: 3.21 ng/ml



#23 Chlordane-1

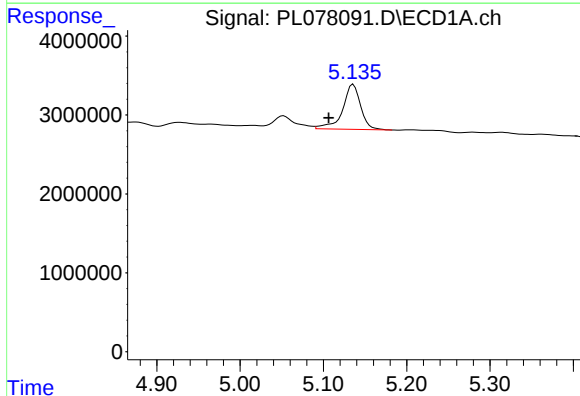
R.T.: 4.580 min
Delta R.T.: 0.007 min
Response: 1479717
Conc: 20.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-STORMWATER-DENALI



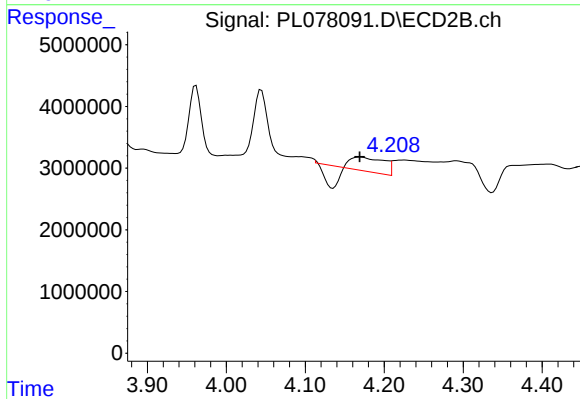
#23 Chlordane-1

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 2010848
Conc: 19.64 ng/ml



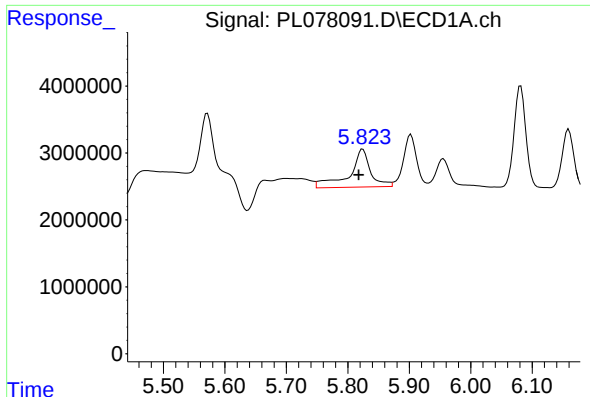
#24 Chlordane-2

R.T.: 5.136 min
Delta R.T.: 0.029 min
Response: 8497531
Conc: 105.33 ng/ml



#24 Chlordane-2

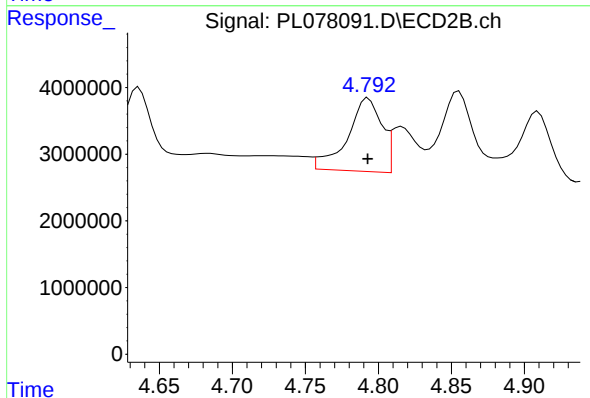
R.T.: 4.170 min
Delta R.T.: 0.000 min
Response: 3267843
Conc: 29.31 ng/ml



#25 Chlordane-3

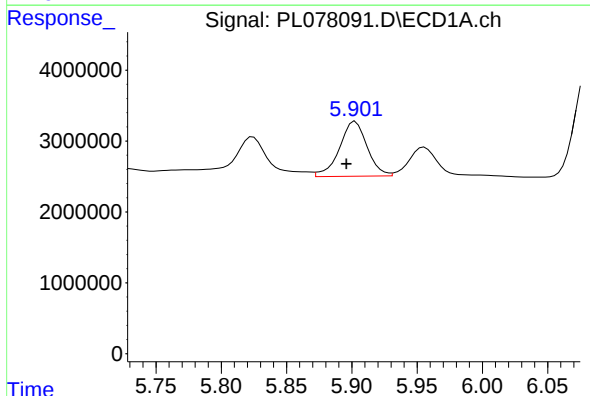
R.T.: 5.824 min
Delta R.T.: 0.006 min
Response: 13611887
Conc: 45.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-STORMWATER-DENALI



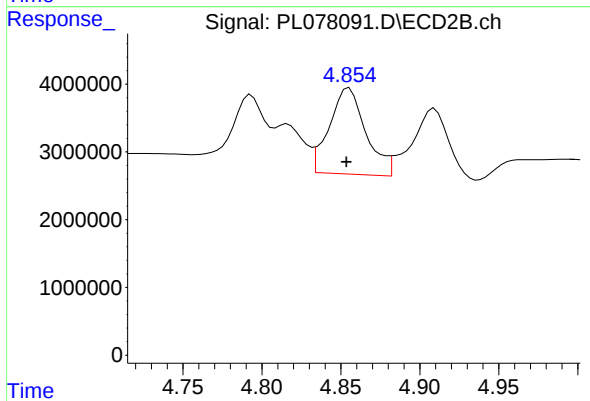
#25 Chlordane-3

R.T.: 4.793 min
Delta R.T.: 0.000 min
Response: 18032999
Conc: 56.17 ng/ml



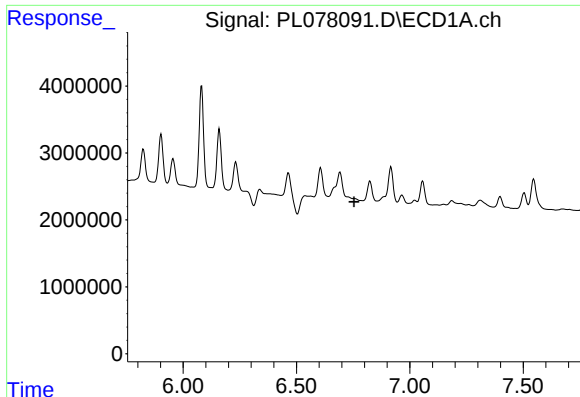
#26 Chlordane-4

R.T.: 5.903 min
Delta R.T.: 0.007 min
Response: 11409436
Conc: 31.78 ng/ml



#26 Chlordane-4

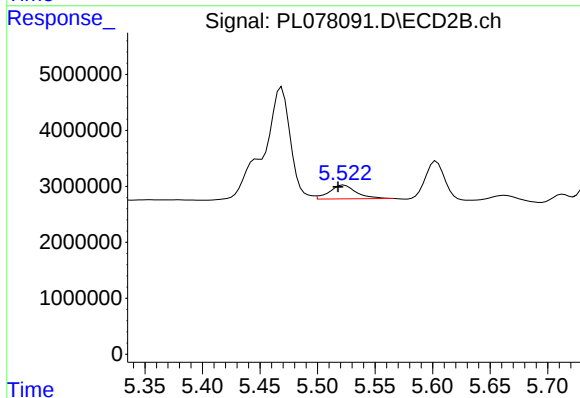
R.T.: 4.855 min
Delta R.T.: 0.002 min
Response: 20469098
Conc: 61.11 ng/ml



#27 Chlordane-5

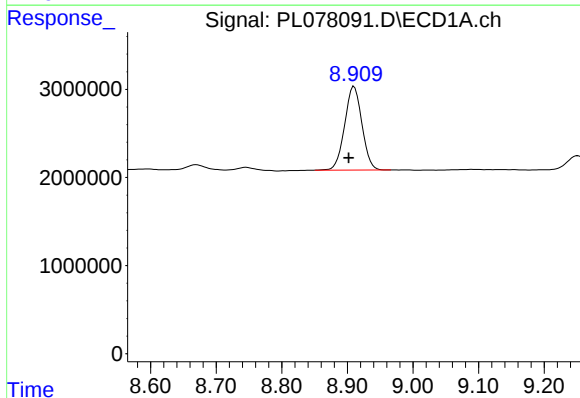
R.T.: 0.000 min
Exp R.T.: 6.755 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-STORMWATER-DENALI



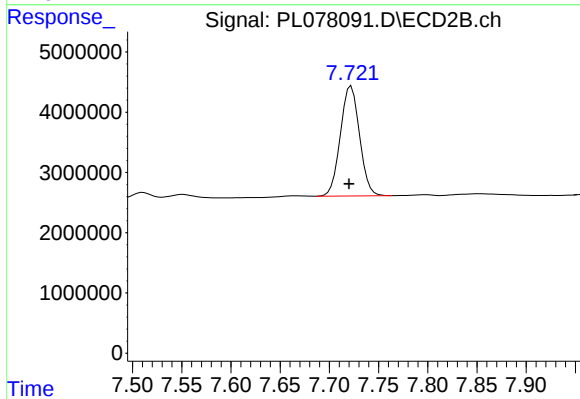
#27 Chlordane-5

R.T.: 5.523 min
Delta R.T.: 0.005 min
Response: 3976497
Conc: 48.00 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.910 min
Delta R.T.: 0.008 min
Response: 17364282
Conc: 11.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.722 min
Delta R.T.: 0.002 min
Response: 24760567
Conc: 11.41 ng/ml