

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120723\
 Data File : PD079999.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Dec 2023 10:25
 Operator : AR\AJ
 Sample : 05600-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TOPSOIL-LKWD-DENALI-3

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 07 20:42:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120623.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 06 14:11:45 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 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...	3.567	2.801	19647044	32315461	13.035	12.855
28)	SA Decachlor...	9.114	7.943	21420913	29671077	10.582	10.526
Target Compounds							
2)	A alpha-BHC	0.000	3.292	0	103643	N.D.	0.027 #
3)	MA gamma-BHC...	0.000	3.652f	0	191232	N.D.	0.053 #
4)	MA Heptachlor	4.936	3.969	191560	-27135	0.078	N.D. #
5)	MB Aldrin	5.262f	4.257	127086	411436	0.054	0.116 #
7)	B delta-BHC	4.794	0.000	990859	0	0.405	N.D. #
8)	B Heptachlo...	5.710	4.756	685095	734431	0.311	0.224 #
10)	B gamma-Chl...	5.976	5.008	924167	417395	0.425	0.129 #
11)	B alpha-Chl...	6.059	5.071	2257559	1838122	1.047	0.572 #
12)	B 4,4'-DDE	6.226	5.260	2913278	4287010	1.453	1.422
13)	MA Dieldrin	6.379	5.392	111889	210302	0.051	0.064 #
14)	MA Endrin	0.000	5.677	0	356371	N.D.	0.127 #
15)	B Endosulfa...	6.827	0.000	394791	0	0.207	N.D. #
16)	A 4,4'-DDD	6.755	5.813	418384	256929	0.250	0.100 #
17)	MA 4,4'-DDT	7.060	6.062	284170	946759	0.160	0.373 #
18)	B Endrin al...	0.000	6.158f	0	412776	N.D.	0.201 #
19)	B Endosulfa...	0.000	6.360	0	565550	N.D.	0.211 #
20)	A Methoxychlor	0.000	6.615f	0	1284957	N.D.	0.879 #
21)	B Endrin ke...	7.654f	0.000	707808	0	0.342	N.D. #
22)	Mirex	0.000	7.052	0	576161	N.D.	0.238 #
23)	Chlordane-1	4.734	3.799	264471	382493	3.551	3.973
24)	Chlordane-2	5.262	4.380	127086	176968	1.663	1.548
25)	Chlordane-3	5.976	5.008	924167	417395	3.061	1.325 #
26)	Chlordane-4	6.059	5.071	2257559	1838122	6.234	6.247

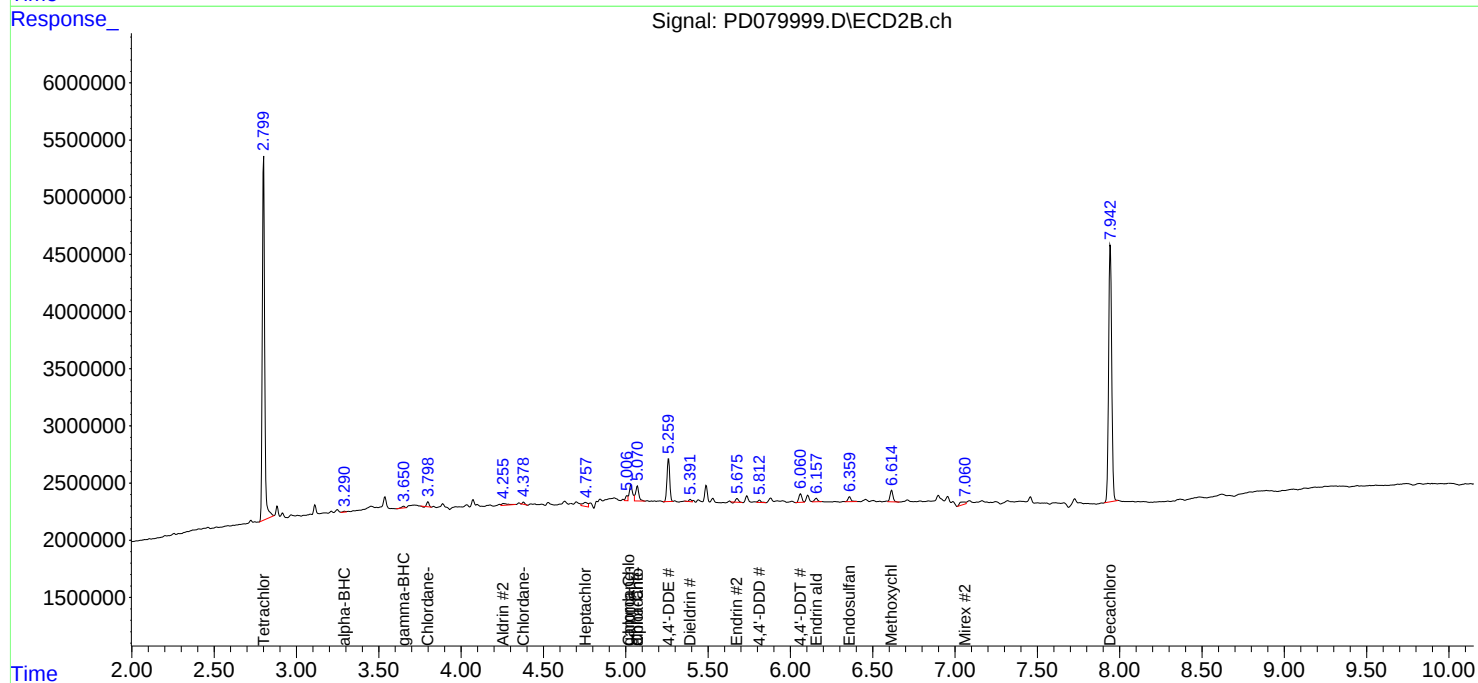
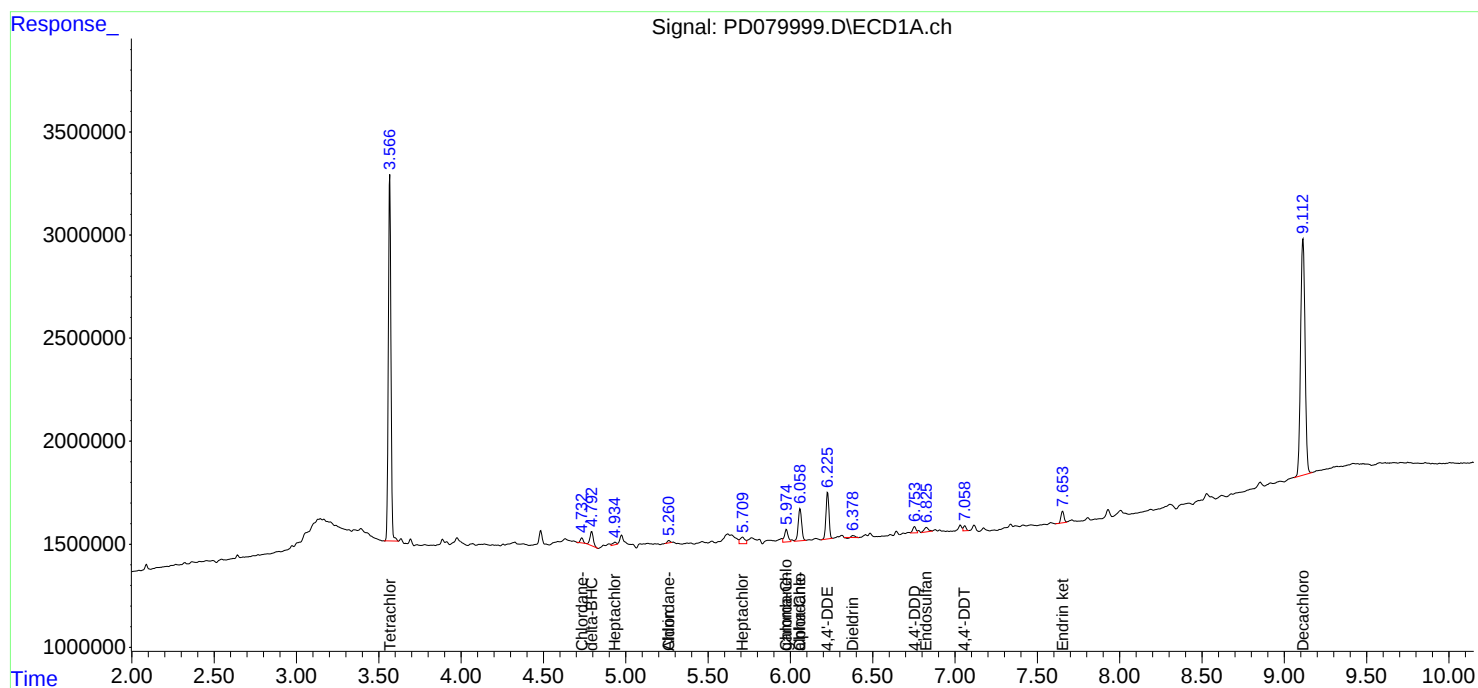
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

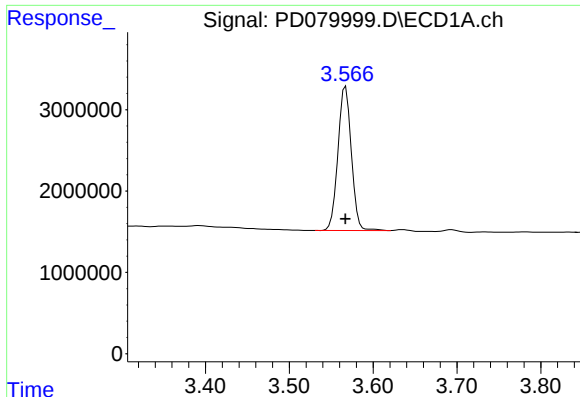
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120723\
Data File : PD079999.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Dec 2023 10:25
Operator : AR\AJ
Sample : 05600-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-3

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 07 20:42:39 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120623.M
Quant Title : GC Extractables
QLast Update : Wed Dec 06 14:11:45 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

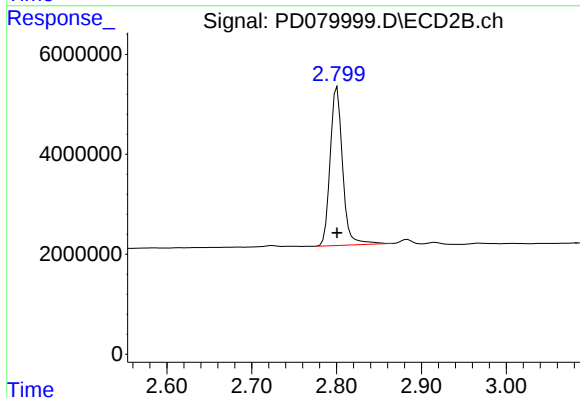




#1 Tetrachloro-m-xylene

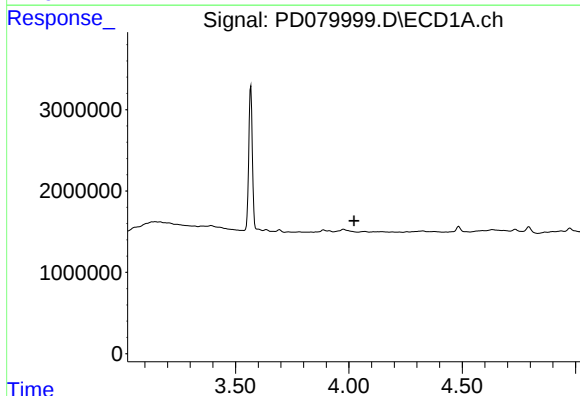
R.T.: 3.567 min
Delta R.T.: 0.000 min
Response: 19647044
Conc: 13.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-3



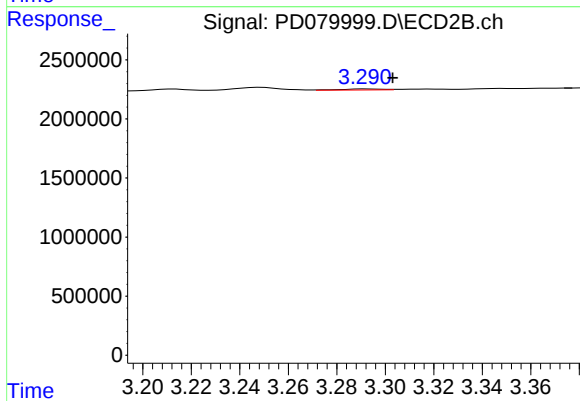
#1 Tetrachloro-m-xylene

R.T.: 2.801 min
Delta R.T.: 0.000 min
Response: 32315461
Conc: 12.86 ng/ml



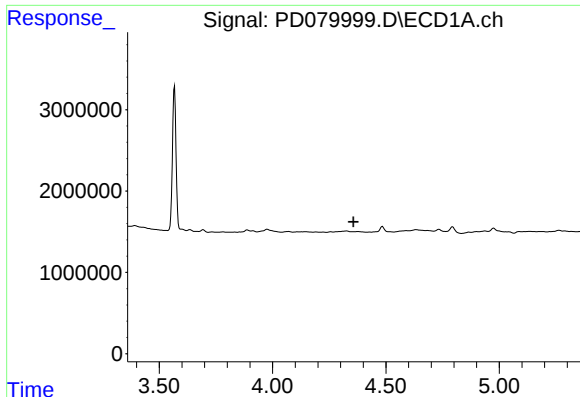
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 4.024 min
Response: 0
Conc: N.D.



#2 alpha-BHC

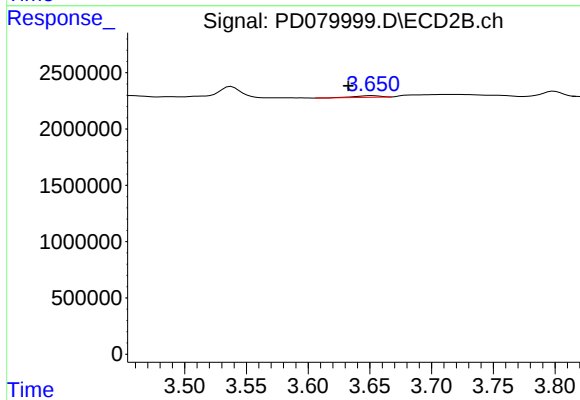
R.T.: 3.292 min
Delta R.T.: -0.011 min
Response: 103643
Conc: 0.03 ng/ml



#3 gamma-BHC (Lindane)

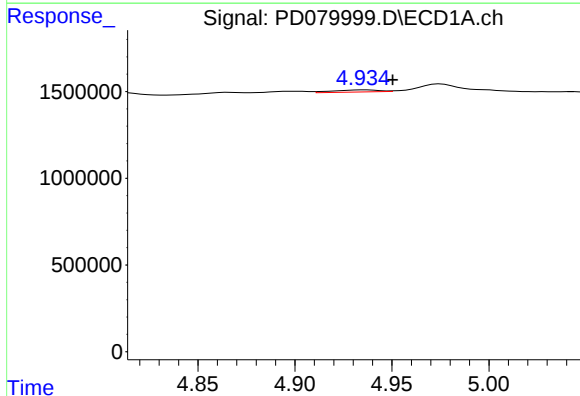
R.T.: 0.000 min
Exp R.T.: 4.357 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-3



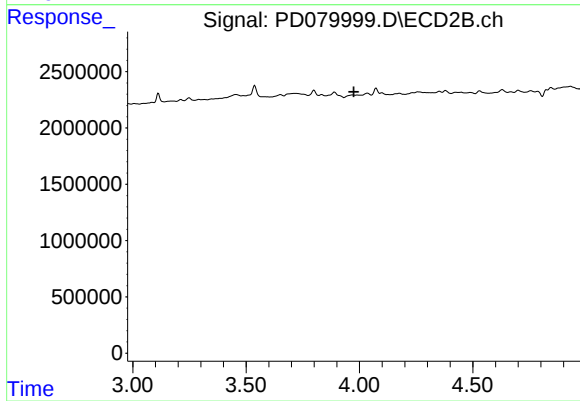
#3 gamma-BHC (Lindane)

R.T.: 3.652 min
Delta R.T.: 0.019 min
Response: 191232
Conc: 0.05 ng/ml



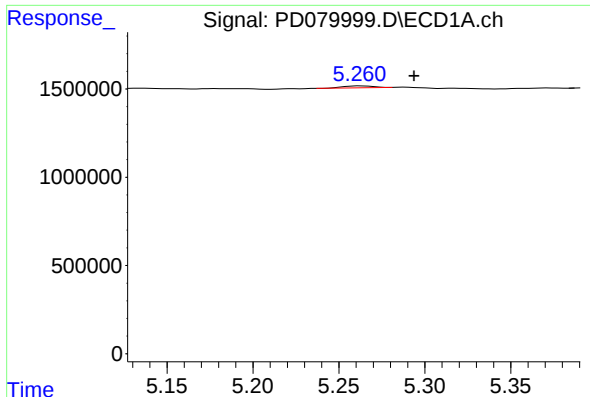
#4 Heptachlor

R.T.: 4.936 min
Delta R.T.: -0.015 min
Response: 191560
Conc: 0.08 ng/ml



#4 Heptachlor

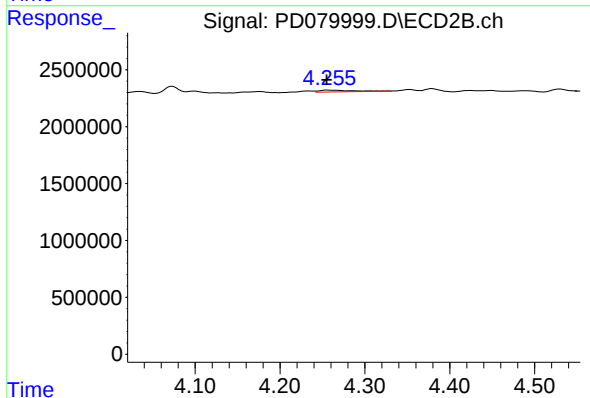
R.T.: 3.969 min
Delta R.T.: -0.006 min
Response: -27135
Conc: N.D.



#5 Aldrin

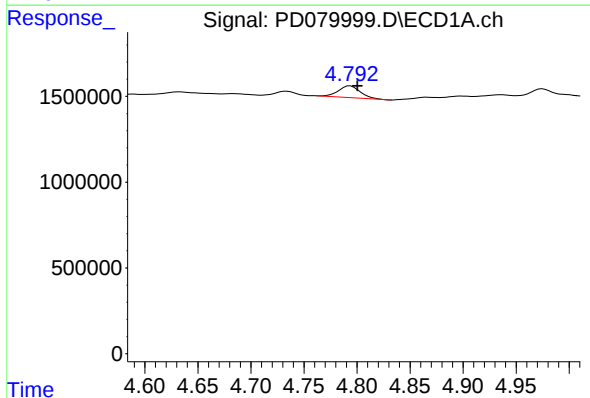
R.T.: 5.262 min
Delta R.T.: -0.031 min
Response: 127086
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-3



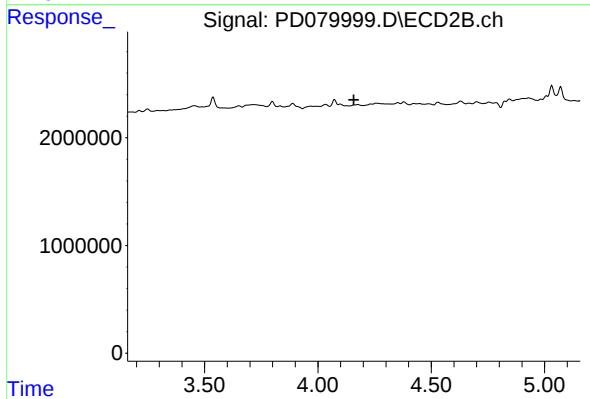
#5 Aldrin

R.T.: 4.257 min
Delta R.T.: 0.002 min
Response: 411436
Conc: 0.12 ng/ml



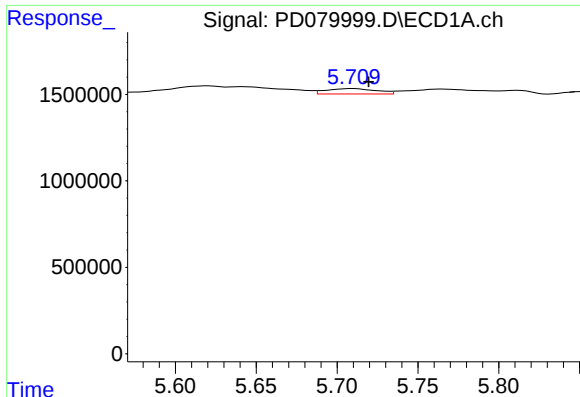
#7 delta-BHC

R.T.: 4.794 min
Delta R.T.: -0.007 min
Response: 990859
Conc: 0.40 ng/ml



#7 delta-BHC

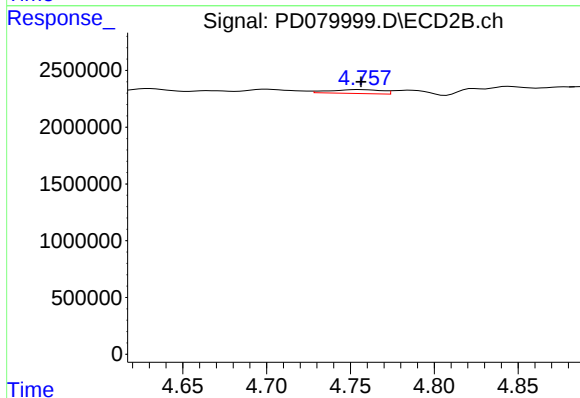
R.T.: 0.000 min
Exp R.T.: 4.158 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

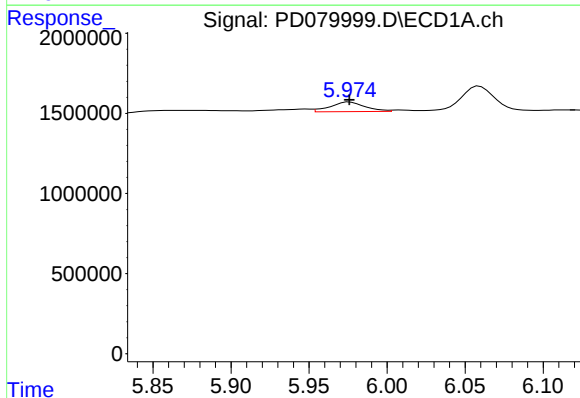
R.T.: 5.710 min
Delta R.T.: -0.009 min
Response: 685095
Conc: 0.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-3



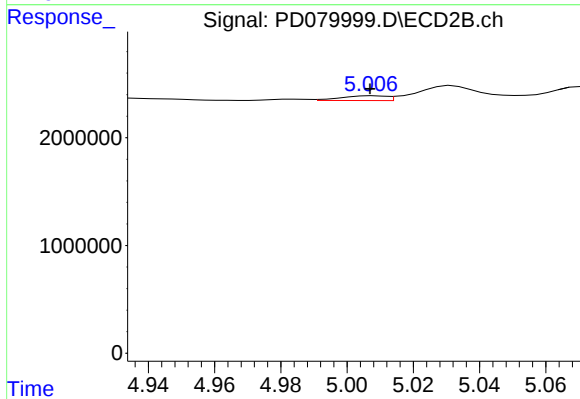
#8 Heptachlor epoxide

R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 734431
Conc: 0.22 ng/ml



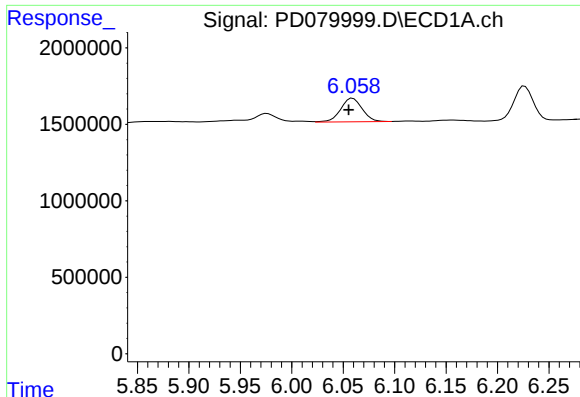
#10 gamma-Chlordane

R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 924167
Conc: 0.42 ng/ml



#10 gamma-Chlordane

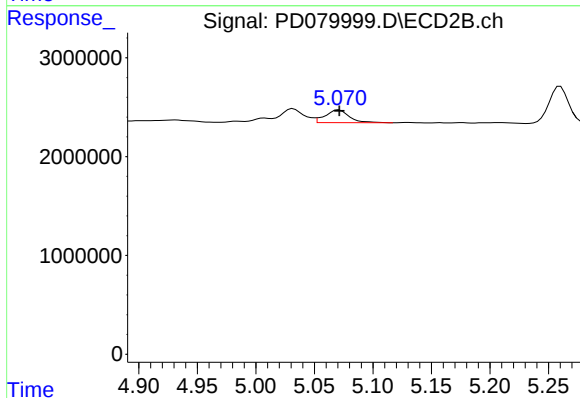
R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 417395
Conc: 0.13 ng/ml



#11 alpha-Chlordane

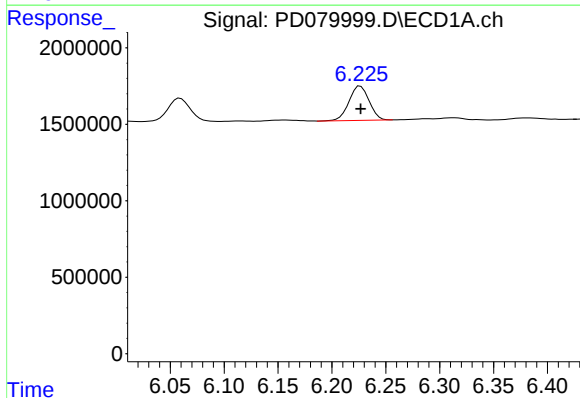
R.T.: 6.059 min
Delta R.T.: 0.004 min
Response: 2257559
Conc: 1.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-3



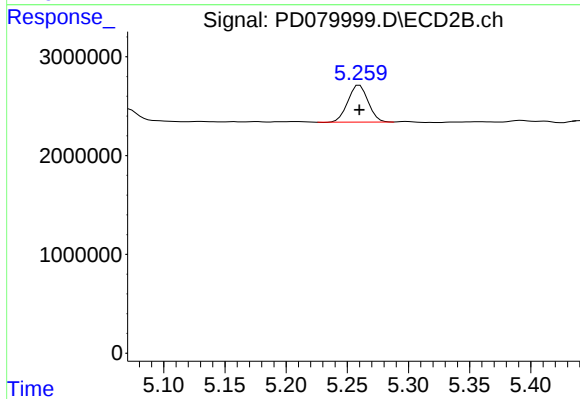
#11 alpha-Chlordane

R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 1838122
Conc: 0.57 ng/ml



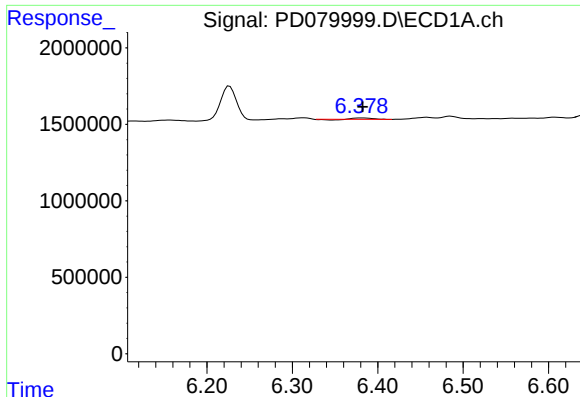
#12 4,4'-DDE

R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 2913278
Conc: 1.45 ng/ml



#12 4,4'-DDE

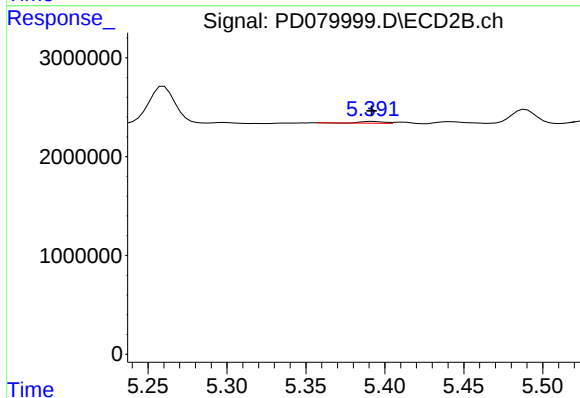
R.T.: 5.260 min
Delta R.T.: 0.000 min
Response: 4287010
Conc: 1.42 ng/ml



#13 Dieldrin

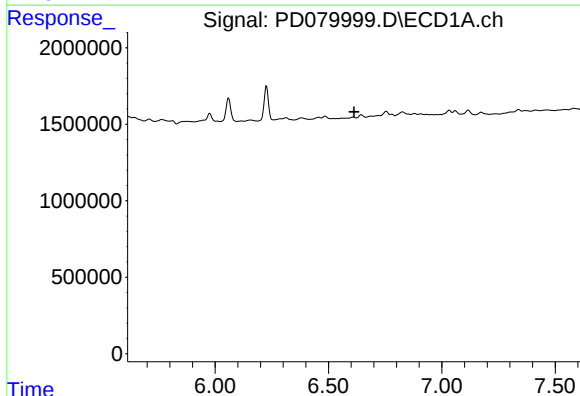
R.T.: 6.379 min
Delta R.T.: -0.003 min
Response: 111889
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-3



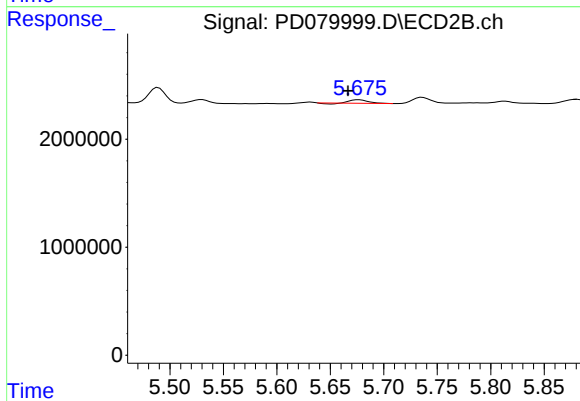
#13 Dieldrin

R.T.: 5.392 min
Delta R.T.: 0.000 min
Response: 210302
Conc: 0.06 ng/ml



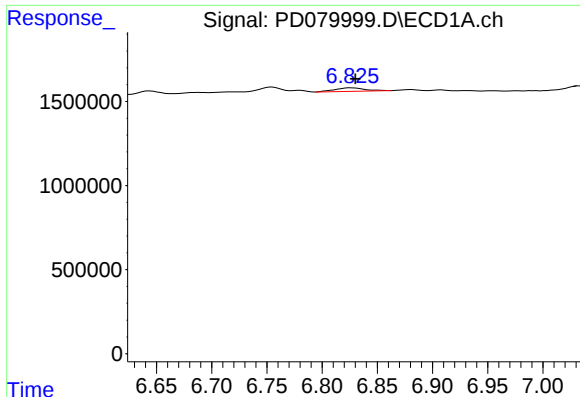
#14 Endrin

R.T.: 0.000 min
Exp R.T. : 6.613 min
Response: 0
Conc: N.D.



#14 Endrin

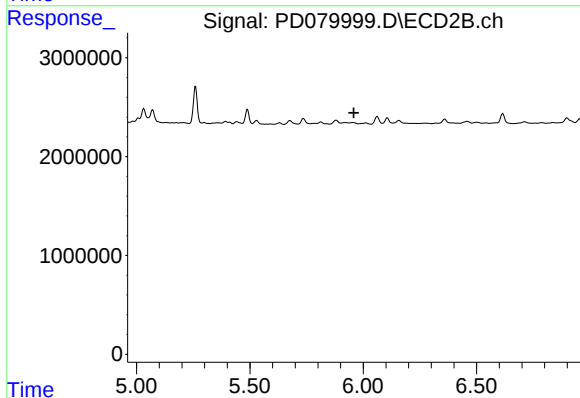
R.T.: 5.677 min
Delta R.T.: 0.010 min
Response: 356371
Conc: 0.13 ng/ml



#15 Endosulfan II

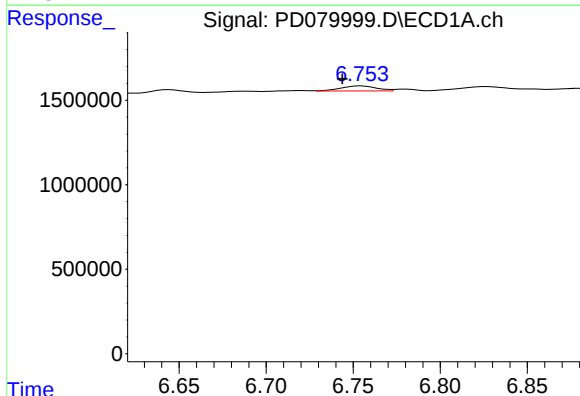
R.T.: 6.827 min
Delta R.T.: -0.003 min
Response: 394791
Conc: 0.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-3



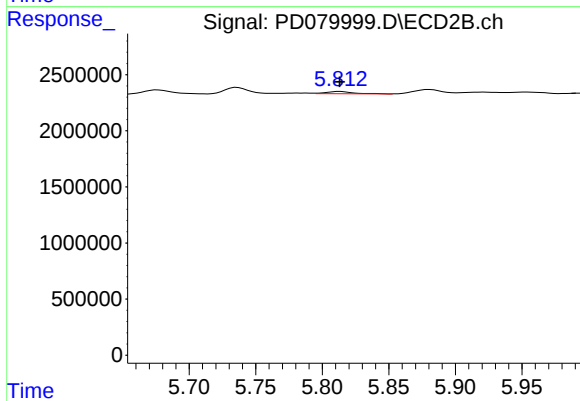
#15 Endosulfan II

R.T.: 0.000 min
Exp R.T. : 5.959 min
Response: 0
Conc: N.D.



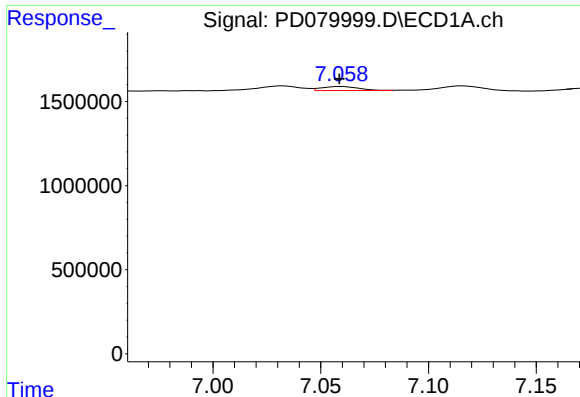
#16 4,4'-DDD

R.T.: 6.755 min
Delta R.T.: 0.011 min
Response: 418384
Conc: 0.25 ng/ml



#16 4,4'-DDD

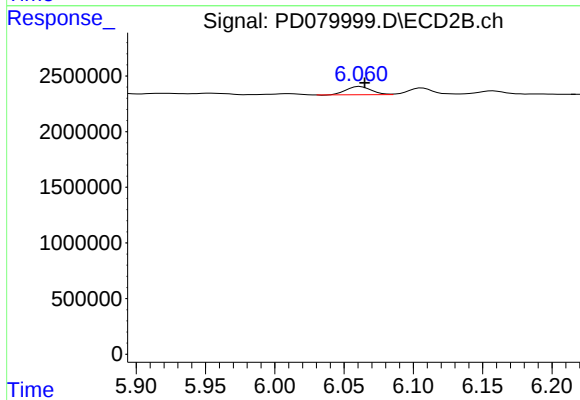
R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 256929
Conc: 0.10 ng/ml



#17 4,4'-DDT

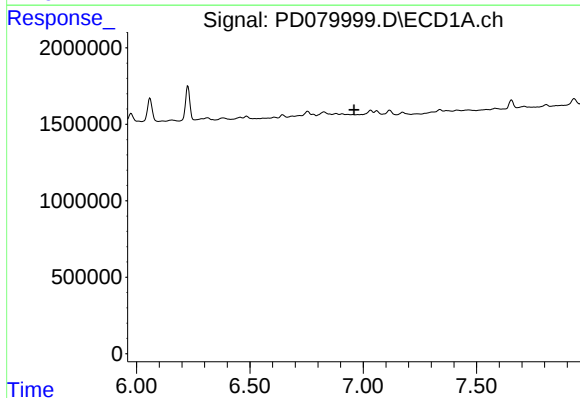
R.T.: 7.060 min
Delta R.T.: 0.001 min
Response: 284170
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-3



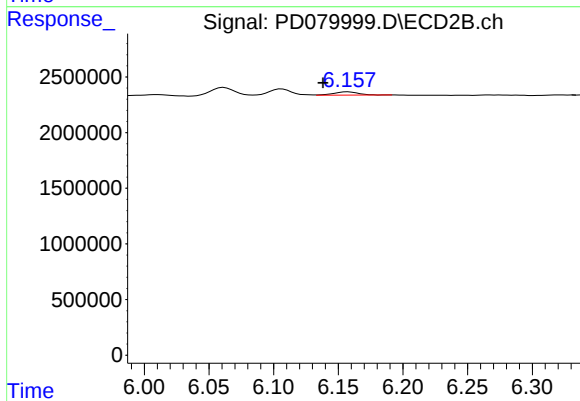
#17 4,4'-DDT

R.T.: 6.062 min
Delta R.T.: -0.003 min
Response: 946759
Conc: 0.37 ng/ml



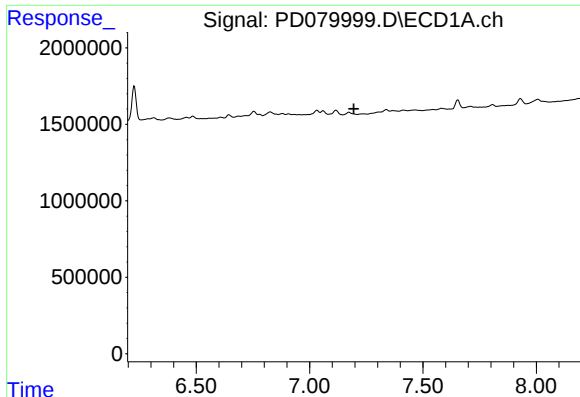
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 6.960 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

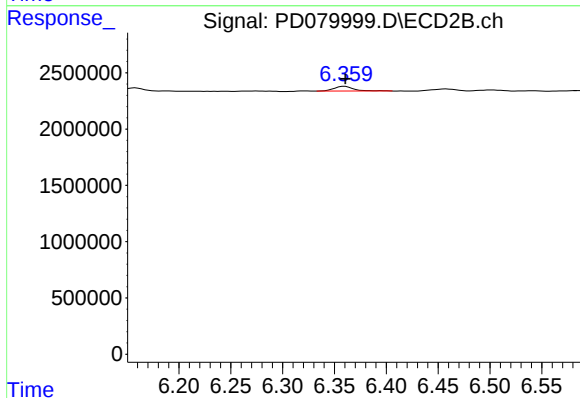
R.T.: 6.158 min
Delta R.T.: 0.020 min
Response: 412776
Conc: 0.20 ng/ml



#19 Endosulfan Sulfate

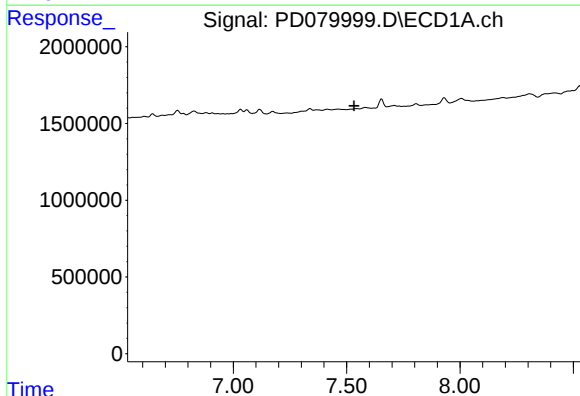
R.T.: 0.000 min
Exp R.T.: 7.195 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-3



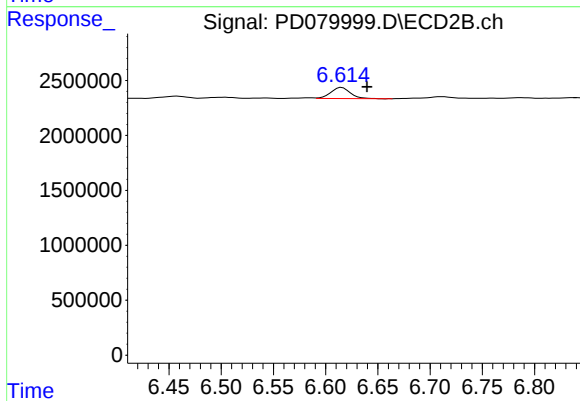
#19 Endosulfan Sulfate

R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 565550
Conc: 0.21 ng/ml



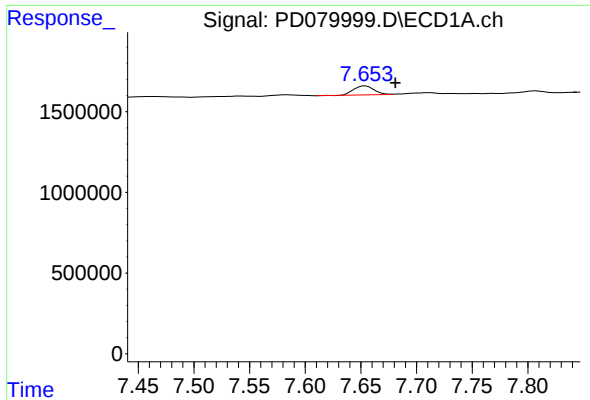
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T.: 7.533 min
Response: 0
Conc: N.D.



#20 Methoxychlor

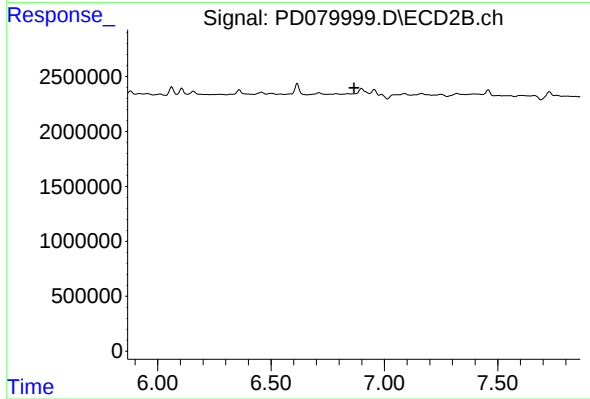
R.T.: 6.615 min
Delta R.T.: -0.024 min
Response: 1284957
Conc: 0.88 ng/ml



#21 Endrin ketone

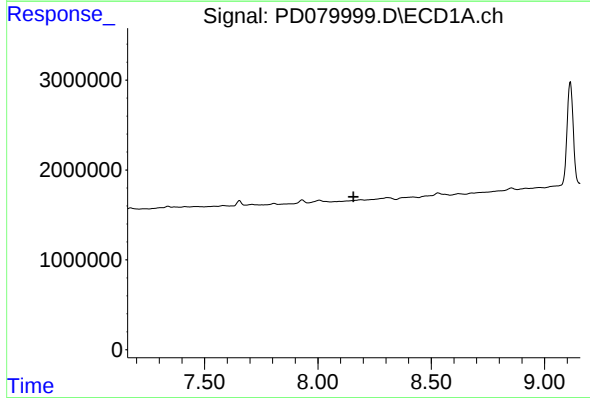
R.T.: 7.654 min
Delta R.T.: -0.027 min
Response: 707808
Conc: 0.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-3



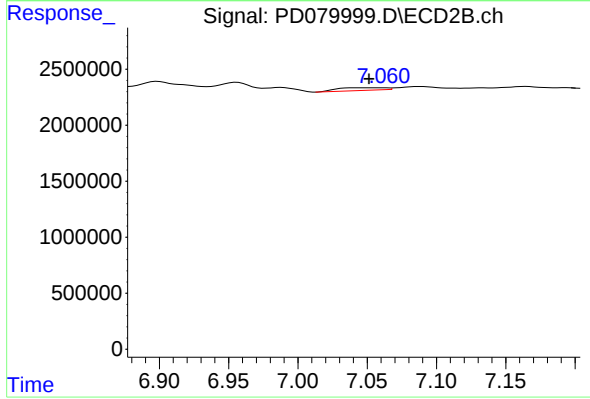
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.867 min
Response: 0
Conc: N.D.



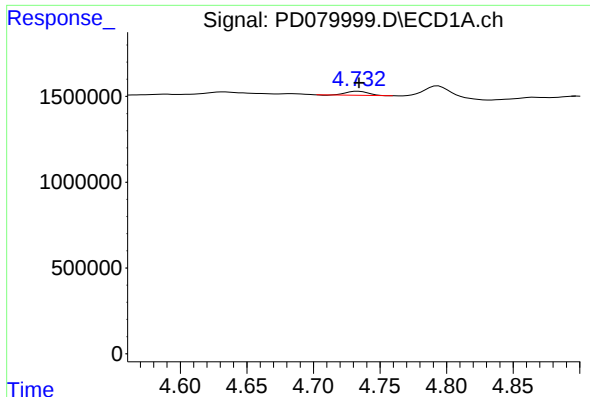
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.157 min
Response: 0
Conc: N.D.



#22 Mirex

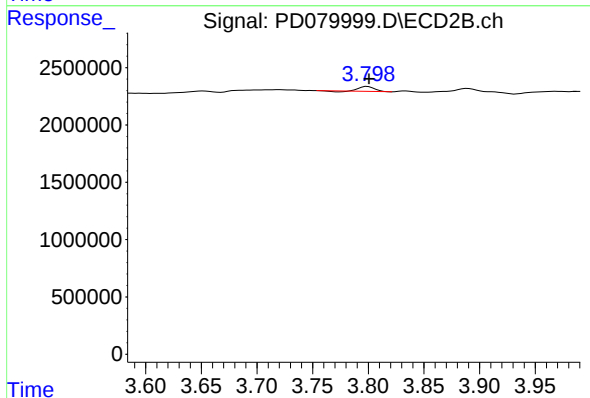
R.T.: 7.052 min
Delta R.T.: 0.000 min
Response: 576161
Conc: 0.24 ng/ml



#23 Chlordane-1

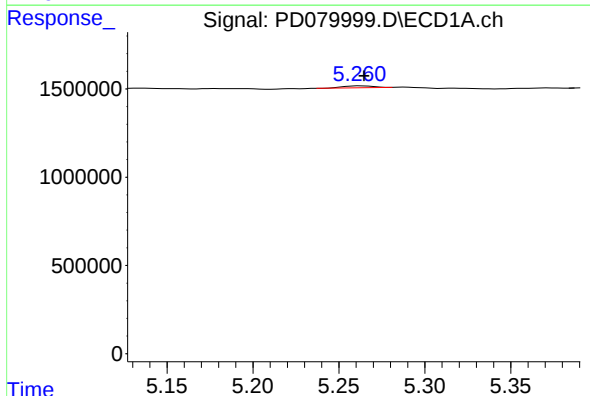
R.T.: 4.734 min
Delta R.T.: 0.000 min
Response: 264471
Conc: 3.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-3



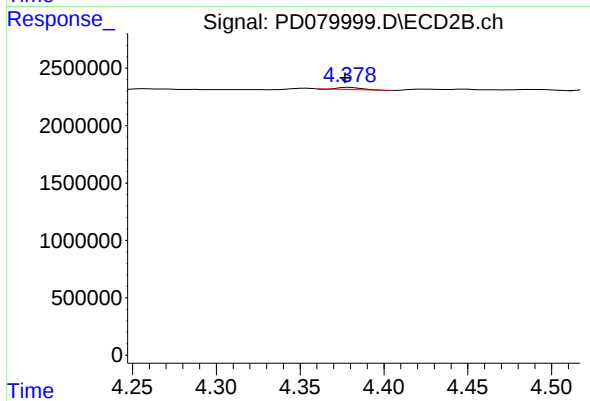
#23 Chlordane-1

R.T.: 3.799 min
Delta R.T.: -0.001 min
Response: 382493
Conc: 3.97 ng/ml



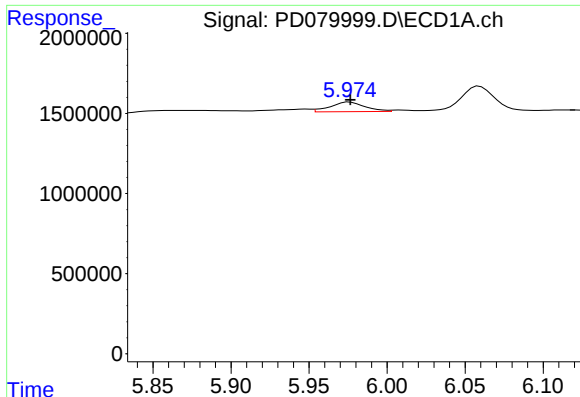
#24 Chlordane-2

R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 127086
Conc: 1.66 ng/ml



#24 Chlordane-2

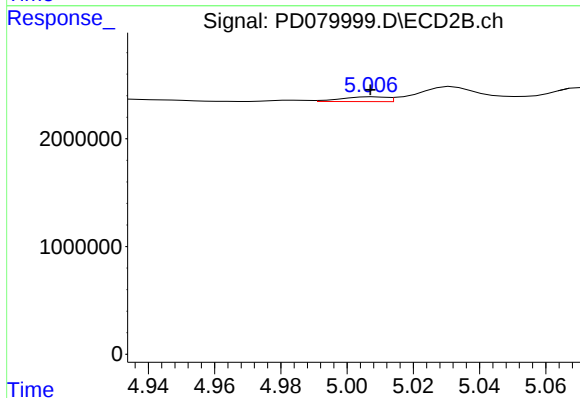
R.T.: 4.380 min
Delta R.T.: 0.003 min
Response: 176968
Conc: 1.55 ng/ml



#25 Chlordane-3

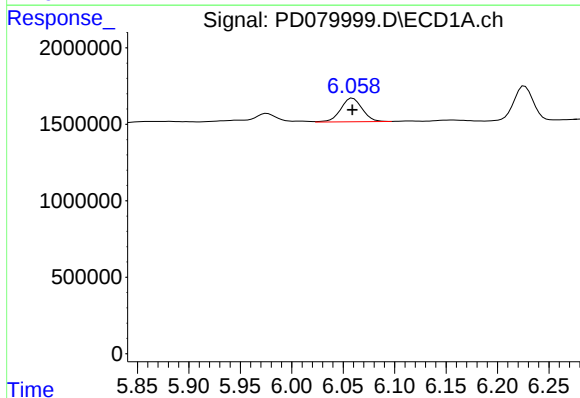
R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 924167
Conc: 3.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-3



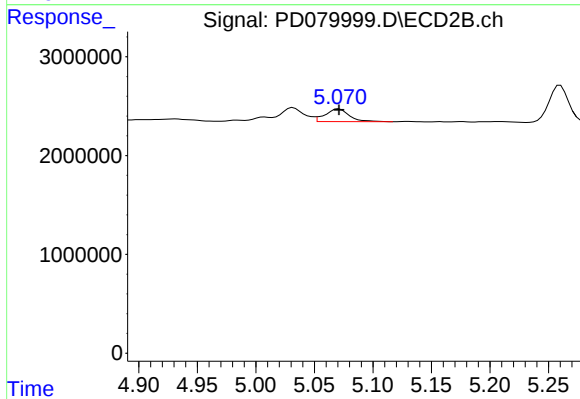
#25 Chlordane-3

R.T.: 5.008 min
Delta R.T.: 0.000 min
Response: 417395
Conc: 1.32 ng/ml



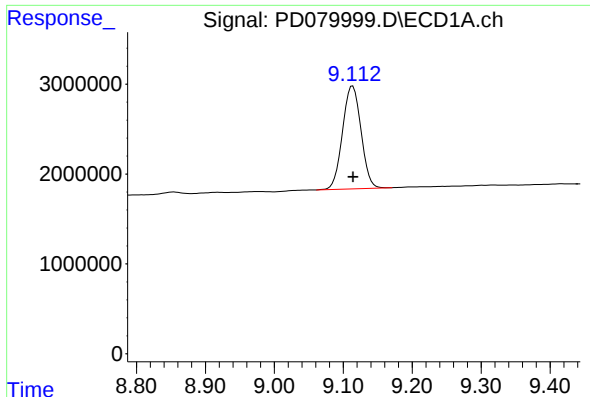
#26 Chlordane-4

R.T.: 6.059 min
Delta R.T.: 0.000 min
Response: 2257559
Conc: 6.23 ng/ml



#26 Chlordane-4

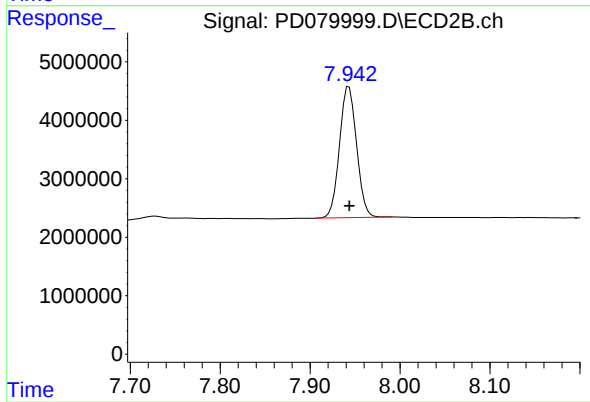
R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 1838122
Conc: 6.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.114 min
Delta R.T.: 0.000 min
Response: 21420913
Conc: 10.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-3



#28 Decachlorobiphenyl

R.T.: 7.943 min
Delta R.T.: 0.000 min
Response: 29671077
Conc: 10.53 ng/ml