

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120623\
 Data File : PD079968.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Dec 2023 16:46
 Operator : AR\AJ
 Sample : 05600-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TOPSOIL-LKWD-DENALI-2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 21:45:00 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	18294766	30329874	12.138	12.065
28)	SA Decachlor...	9.114	7.944	20636296	28755823	10.195	10.201
Target Compounds							
2)	A alpha-BHC	0.000	3.291	0	72026	N.D.	0.019 #
3)	MA gamma-BHC...	0.000	3.652f	0	132081	N.D.	0.036 #
4)	MA Heptachlor	4.936	3.970	185113	-66882	0.075	N.D. #
5)	MB Aldrin	0.000	4.258	0	259248	N.D.	0.073 #
7)	B delta-BHC	4.793	4.180f	1011774	290651	0.413	0.077 #
8)	B Heptachlo...	5.710	4.756	693189	110495	0.315	0.034 #
10)	B gamma-Chl...	5.976	5.008	971660	486451	0.446	0.151 #
11)	B alpha-Chl...	6.059	5.071	2249251	1848161	1.043	0.575 #
12)	B 4,4'-DDE	6.226	5.260	2995542	4203507	1.494	1.395
13)	MA Dieldrin	6.379	5.391	136081	100795	0.062	0.031 #
14)	MA Endrin	0.000	5.679	0	204362	N.D.	0.073 #
15)	B Endosulfa...	6.824	0.000	465492	0	0.244	N.D. #
16)	A 4,4'-DDD	6.754	5.812	376321	234154	0.225	0.091 #
17)	MA 4,4'-DDT	7.059	6.062	342991	959683	0.193	0.378 #
18)	B Endrin al...	0.000	6.157f	0	383974	N.D.	0.187 #
19)	B Endosulfa...	0.000	6.360	0	469422	N.D.	0.175 #
20)	A Methoxychlor	0.000	6.615f	0	1278830	N.D.	0.875 #
21)	B Endrin ke...	7.708f	0.000	155664	0	0.075	N.D. #
22)	Mirex	0.000	7.058	0	118817	N.D.	0.049 #
23)	Chlordane-1	4.734	3.799	254774	444639	3.421	4.619 #
24)	Chlordane-2	5.260	0.000	251463	0	3.290	N.D. #
25)	Chlordane-3	5.976	5.008	971660	486451	3.218	1.544 #
26)	Chlordane-4	6.059	5.071	2249251	1848161	6.211	6.282

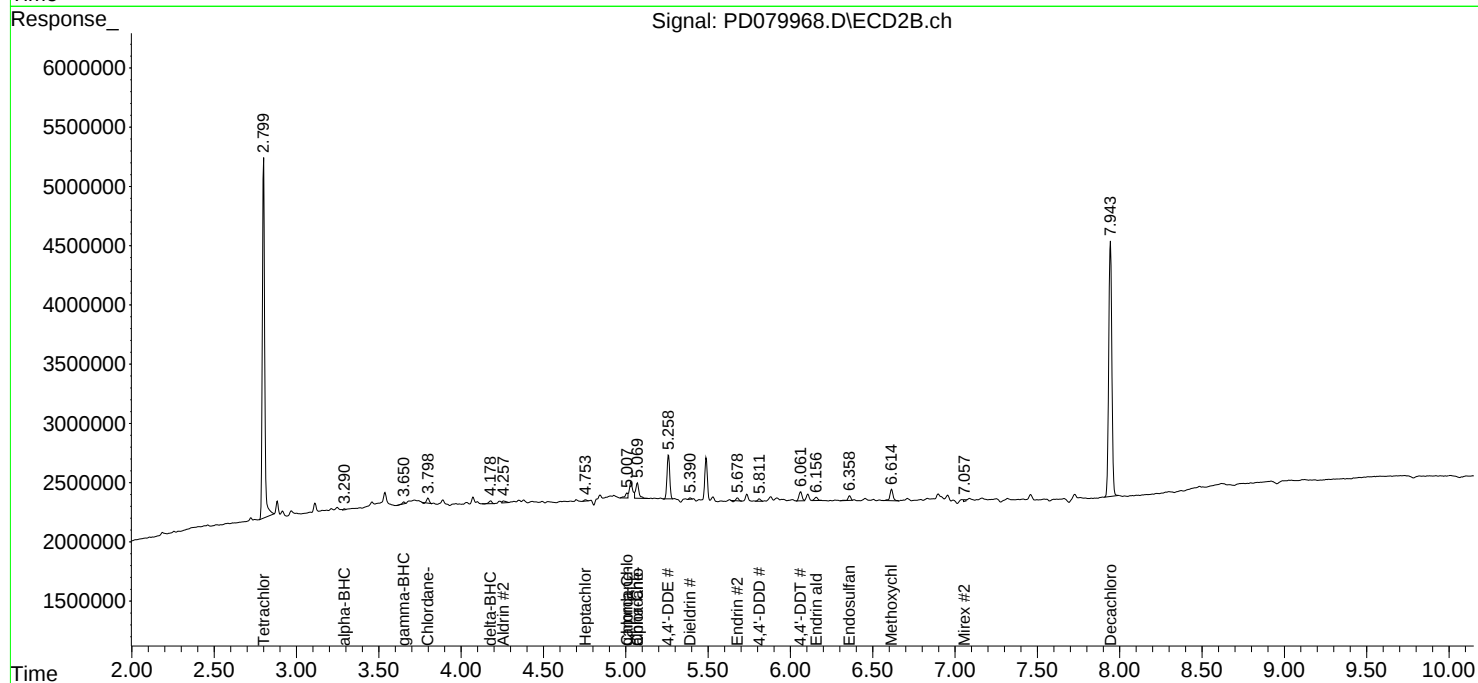
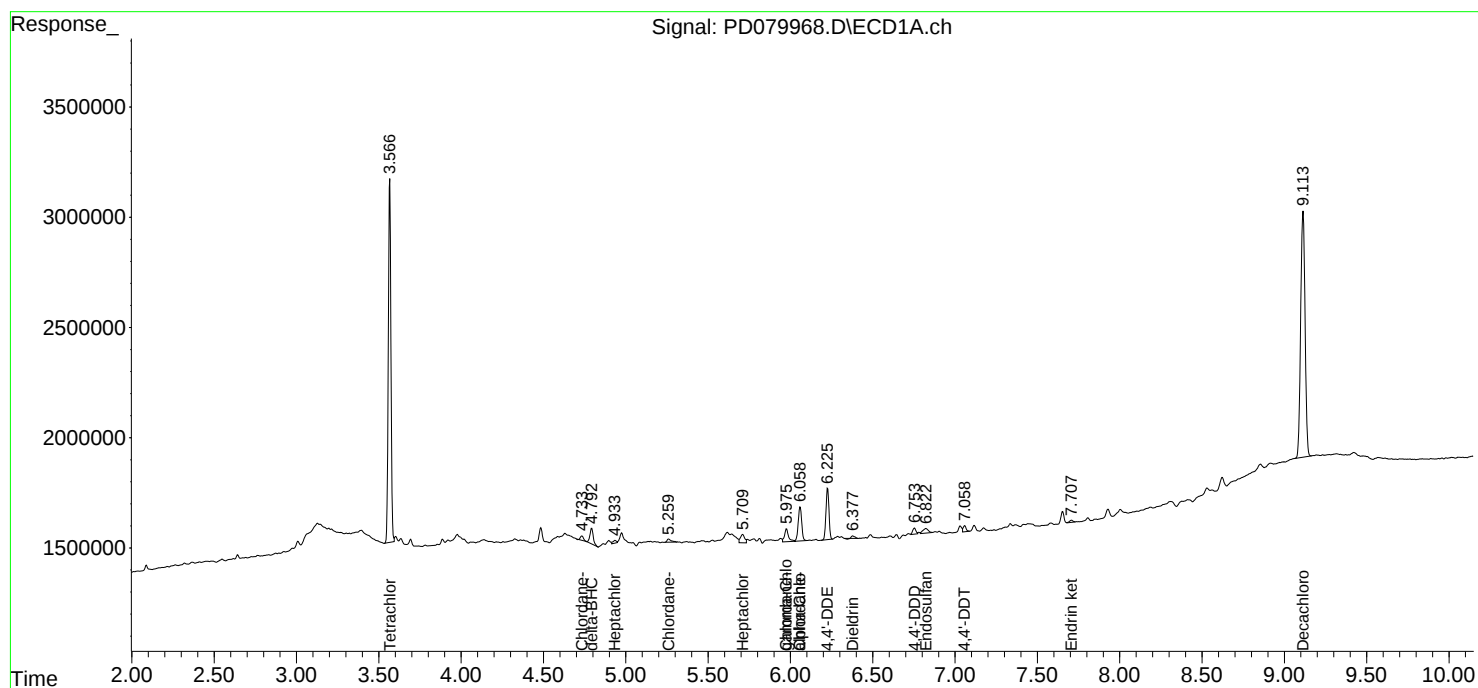
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

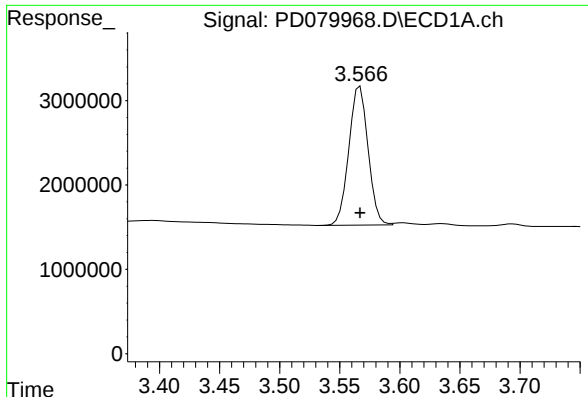
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120623\
Data File : PD079968.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Dec 2023 16:46
Operator : AR\AJ
Sample : 05600-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 21:45:00 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

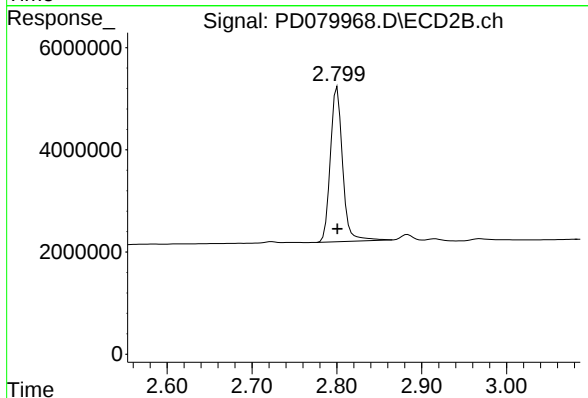




#1 Tetrachloro-m-xylene

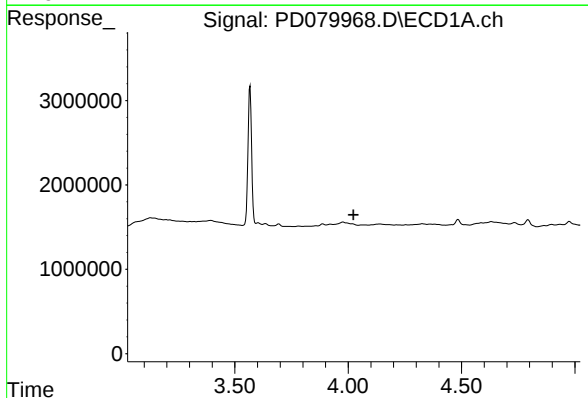
R.T.: 3.567 min
Delta R.T.: 0.000 min
Response: 18294766
Conc: 12.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-2



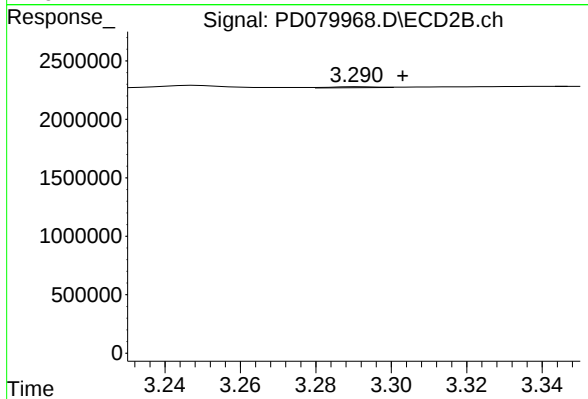
#1 Tetrachloro-m-xylene

R.T.: 2.801 min
Delta R.T.: 0.000 min
Response: 30329874
Conc: 12.07 ng/ml



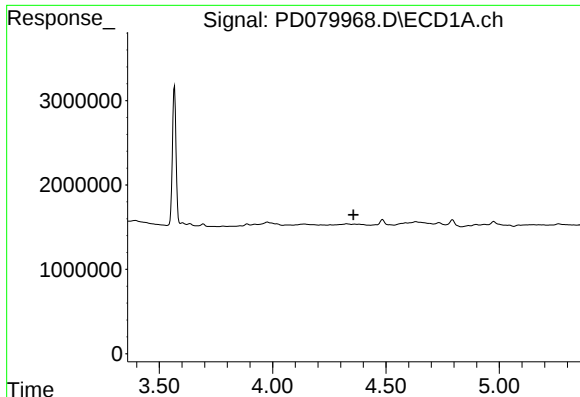
#2 alpha-BHC

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



#2 alpha-BHC

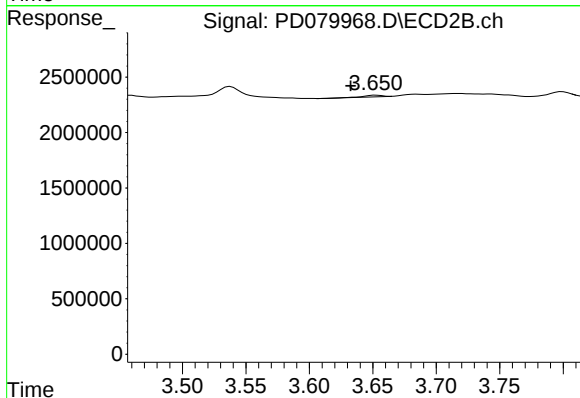
R.T.: 3.291 min
Delta R.T.: -0.012 min
Response: 72026
Conc: 0.02 ng/ml



#3 gamma-BHC (Lindane)

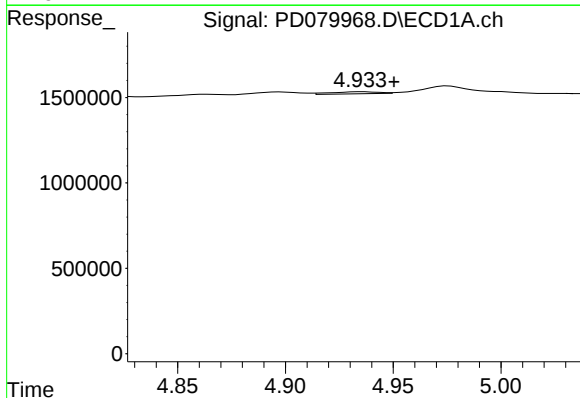
R.T.: 0.000 min
Exp R.T.: 4.357 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-2



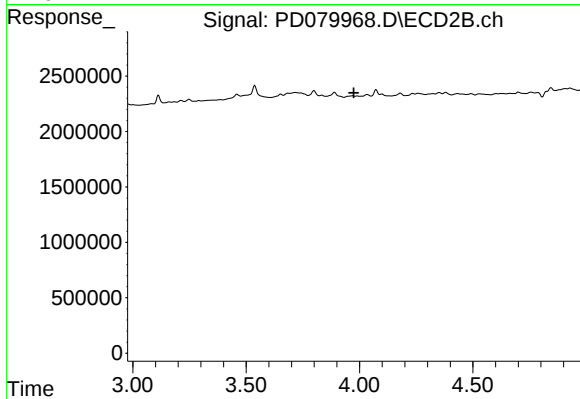
#3 gamma-BHC (Lindane)

R.T.: 3.652 min
Delta R.T.: 0.020 min
Response: 132081
Conc: 0.04 ng/ml



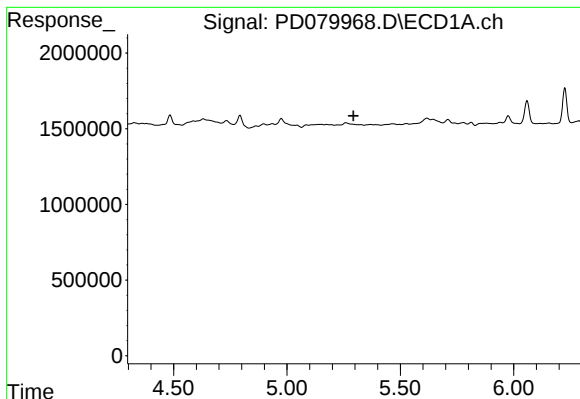
#4 Heptachlor

R.T.: 4.936 min
Delta R.T.: -0.015 min
Response: 185113
Conc: 0.08 ng/ml



#4 Heptachlor

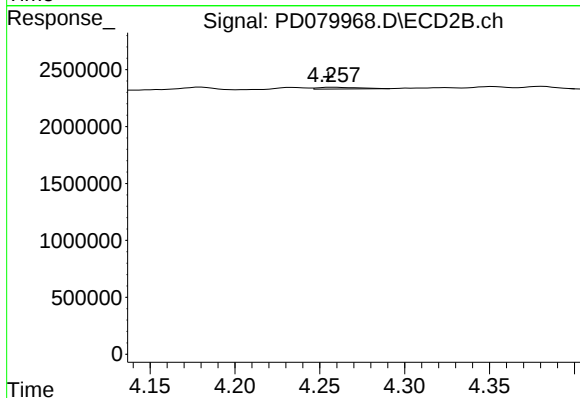
R.T.: 3.970 min
Delta R.T.: -0.005 min
Response: -66882
Conc: N.D.



#5 Aldrin

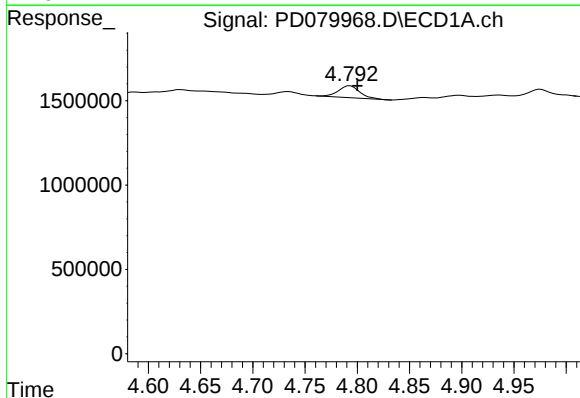
R.T.: 0.000 min
Exp R.T.: 5.294 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-2



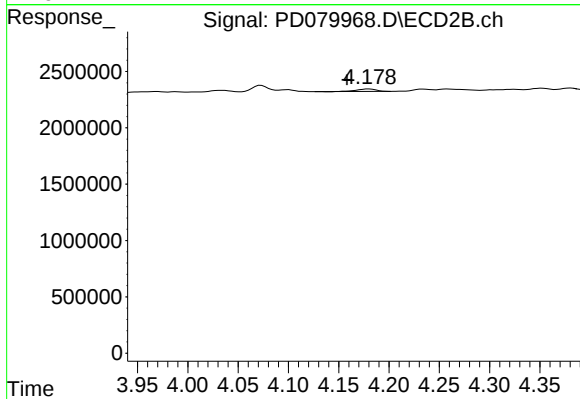
#5 Aldrin

R.T.: 4.258 min
Delta R.T.: 0.003 min
Response: 259248
Conc: 0.07 ng/ml



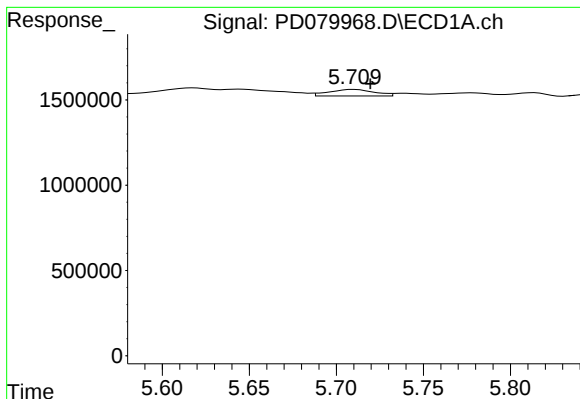
#7 delta-BHC

R.T.: 4.793 min
Delta R.T.: -0.007 min
Response: 1011774
Conc: 0.41 ng/ml



#7 delta-BHC

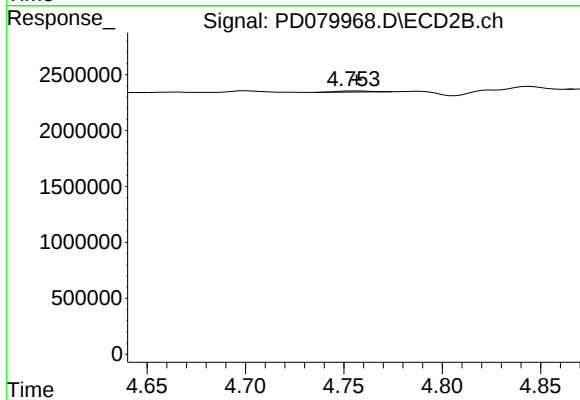
R.T.: 4.180 min
Delta R.T.: 0.022 min
Response: 290651
Conc: 0.08 ng/ml



#8 Heptachlor epoxide

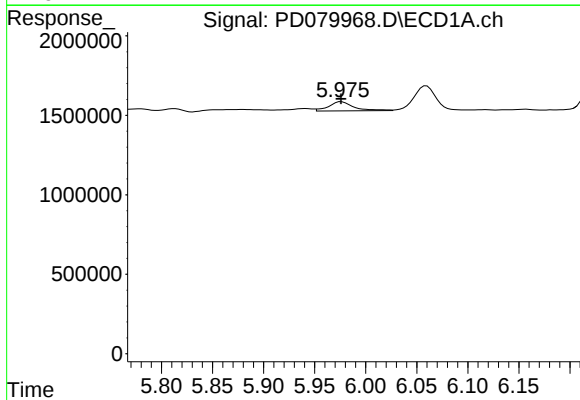
R.T.: 5.710 min
Delta R.T.: -0.009 min
Response: 693189
Conc: 0.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-2



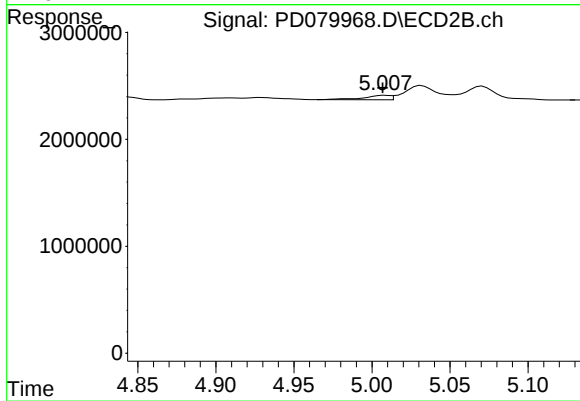
#8 Heptachlor epoxide

R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 110495
Conc: 0.03 ng/ml



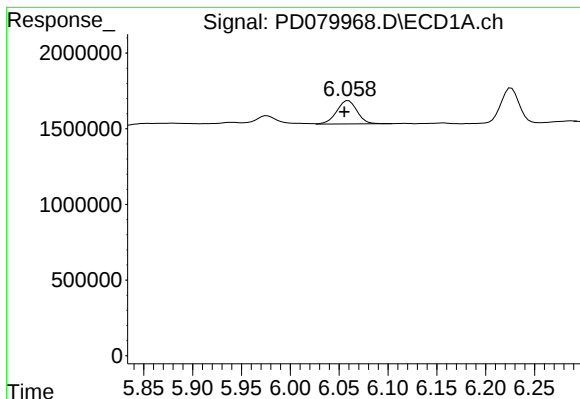
#10 gamma-Chlordane

R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 971660
Conc: 0.45 ng/ml



#10 gamma-Chlordane

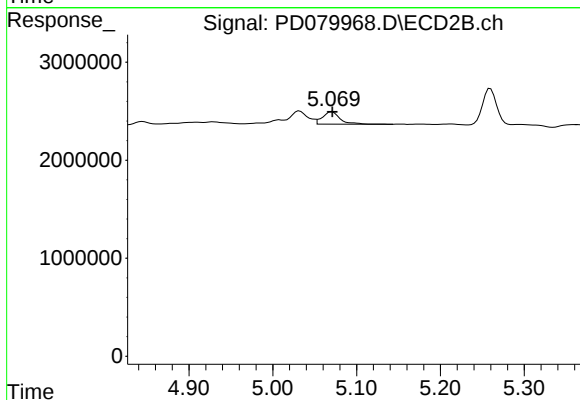
R.T.: 5.008 min
Delta R.T.: 0.002 min
Response: 486451
Conc: 0.15 ng/ml



#11 alpha-Chlordane

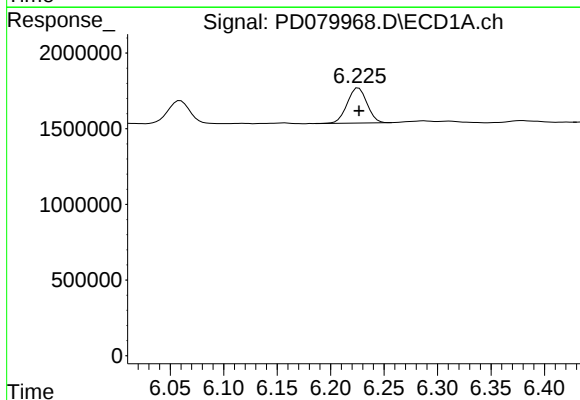
R.T.: 6.059 min
Delta R.T.: 0.004 min
Response: 2249251
Conc: 1.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-2



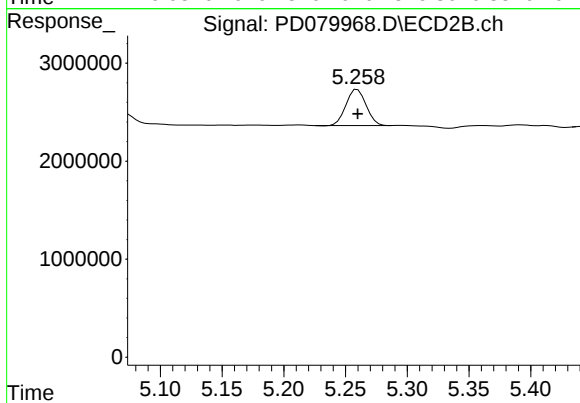
#11 alpha-Chlordane

R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 1848161
Conc: 0.58 ng/ml



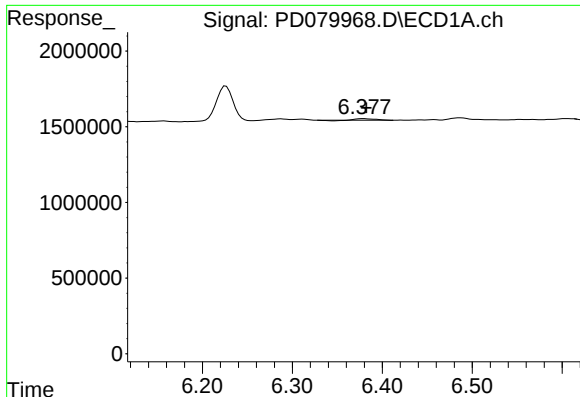
#12 4,4'-DDE

R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 2995542
Conc: 1.49 ng/ml



#12 4,4'-DDE

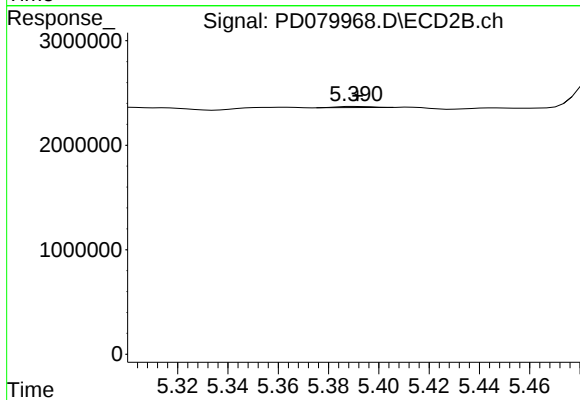
R.T.: 5.260 min
Delta R.T.: 0.000 min
Response: 4203507
Conc: 1.39 ng/ml



#13 Dieldrin

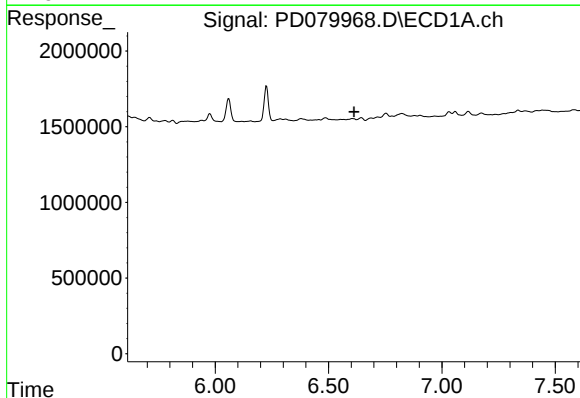
R.T.: 6.379 min
Delta R.T.: -0.004 min
Response: 136081
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-2



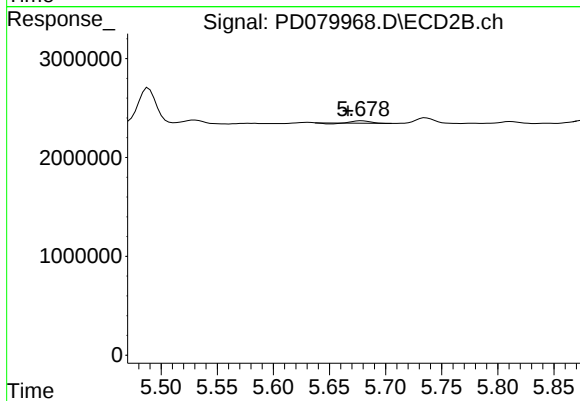
#13 Dieldrin

R.T.: 5.391 min
Delta R.T.: 0.000 min
Response: 100795
Conc: 0.03 ng/ml



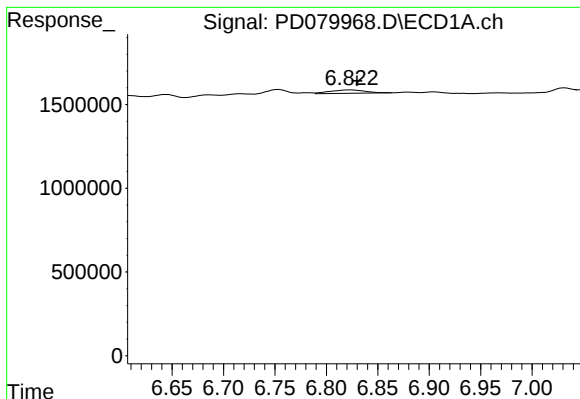
#14 Endrin

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



#14 Endrin

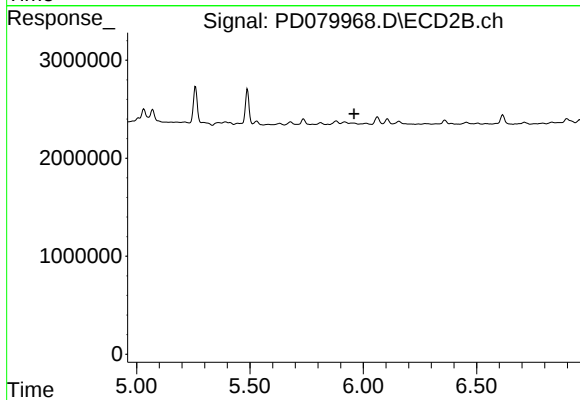
R.T.: 5.679 min
Delta R.T.: 0.013 min
Response: 204362
Conc: 0.07 ng/ml



#15 Endosulfan II

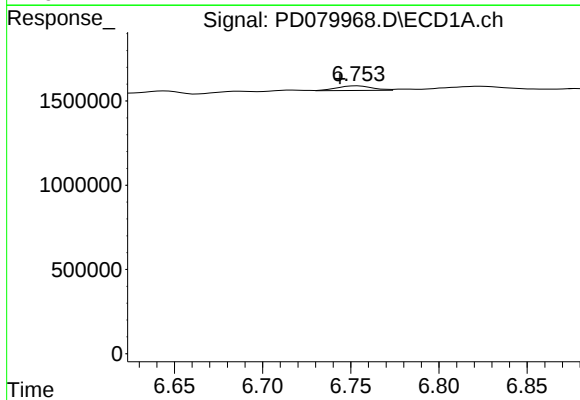
R.T.: 6.824 min
Delta R.T.: -0.006 min
Response: 465492
Conc: 0.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-2



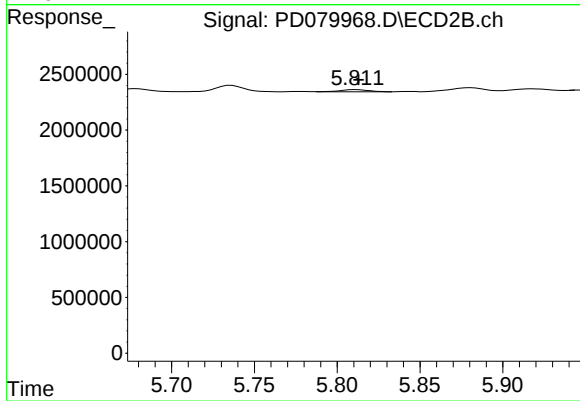
#15 Endosulfan II

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



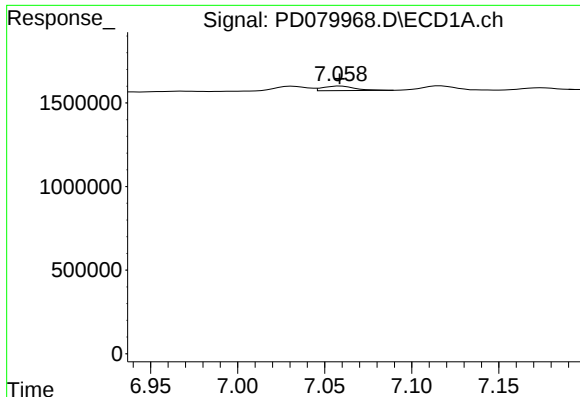
#16 4,4'-DDD

R.T.: 6.754 min
Delta R.T.: 0.010 min
Response: 376321
Conc: 0.22 ng/ml



#16 4,4'-DDD

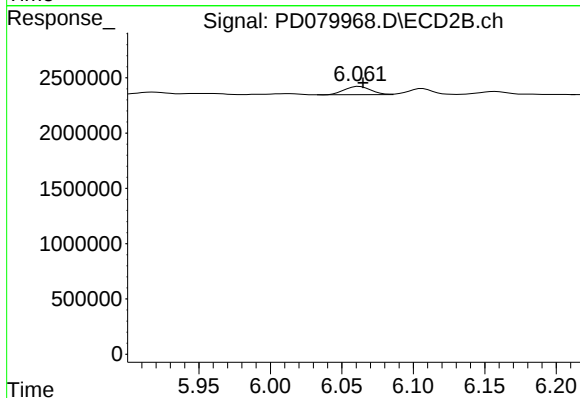
R.T.: 5.812 min
Delta R.T.: -0.001 min
Response: 234154
Conc: 0.09 ng/ml



#17 4,4'-DDT

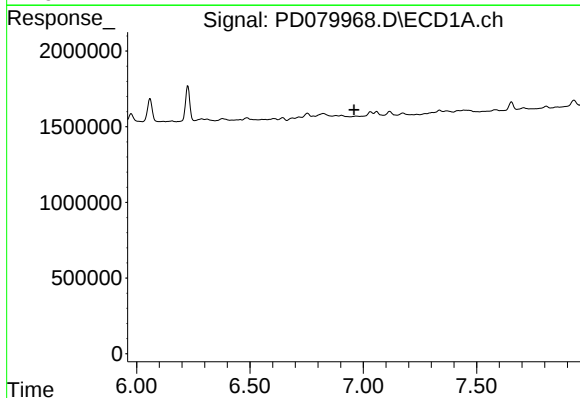
R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 342991
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-2



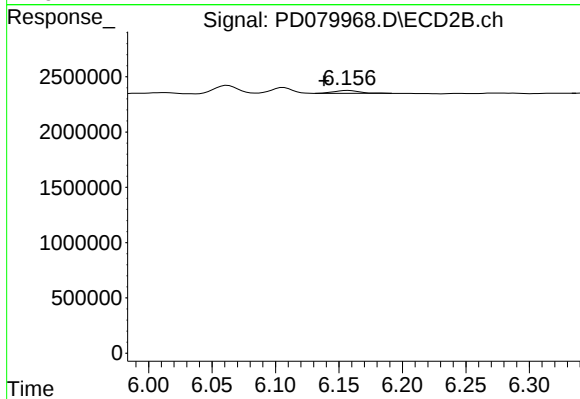
#17 4,4'-DDT

R.T.: 6.062 min
Delta R.T.: -0.002 min
Response: 959683
Conc: 0.38 ng/ml



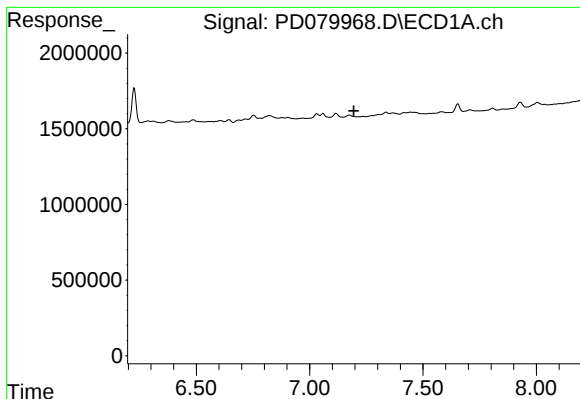
#18 Endrin aldehyde

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



#18 Endrin aldehyde

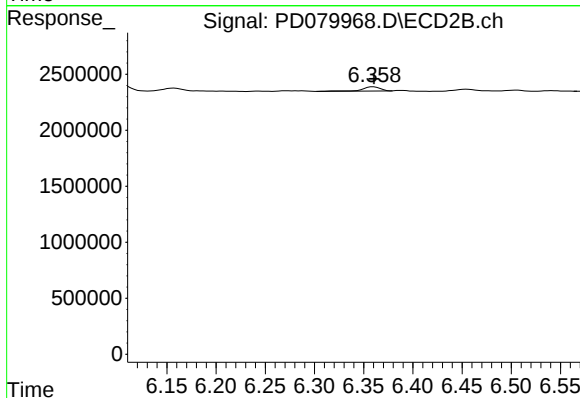
R.T.: 6.157 min
Delta R.T.: 0.019 min
Response: 383974
Conc: 0.19 ng/ml



#19 Endosulfan Sulfate

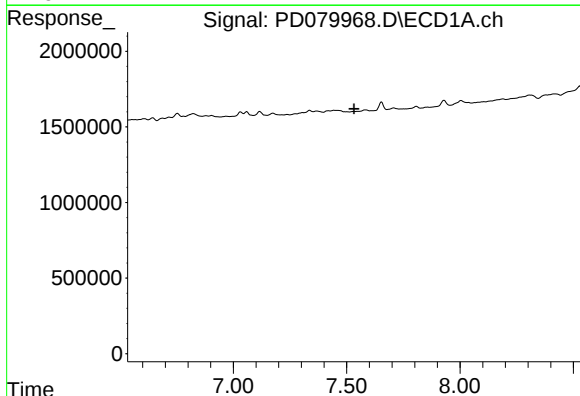
R.T.: 0.000 min
Exp R.T. : 7.195 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-2



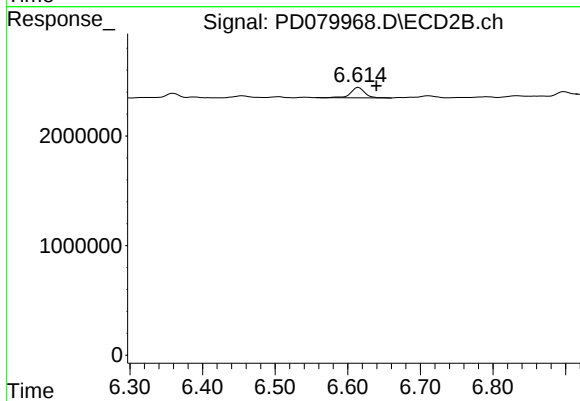
#19 Endosulfan Sulfate

R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 469422
Conc: 0.18 ng/ml



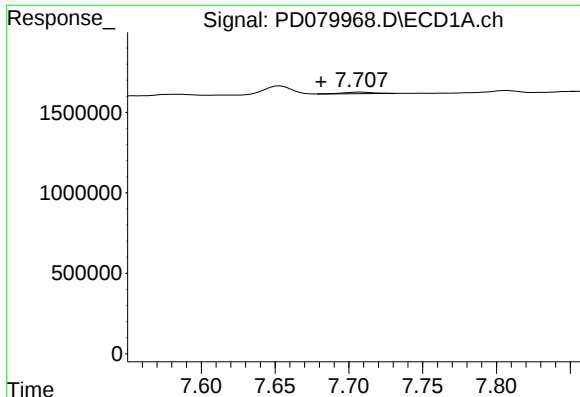
#20 Methoxychlor

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



#20 Methoxychlor

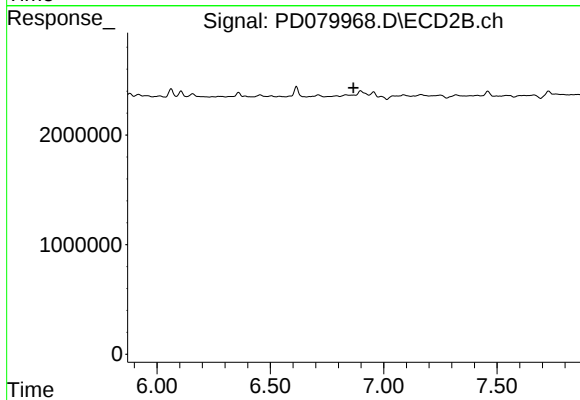
R.T.: 6.615 min
Delta R.T.: -0.025 min
Response: 1278830
Conc: 0.87 ng/ml



#21 Endrin ketone

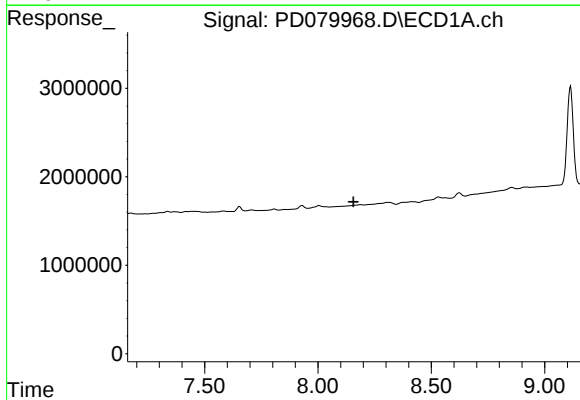
R.T.: 7.708 min
Delta R.T.: 0.027 min
Response: 155664
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-2



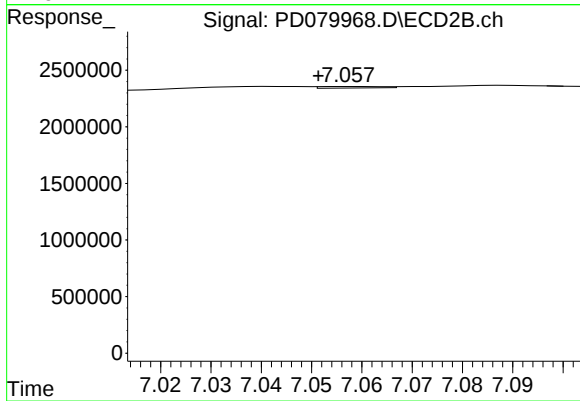
#21 Endrin ketone

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



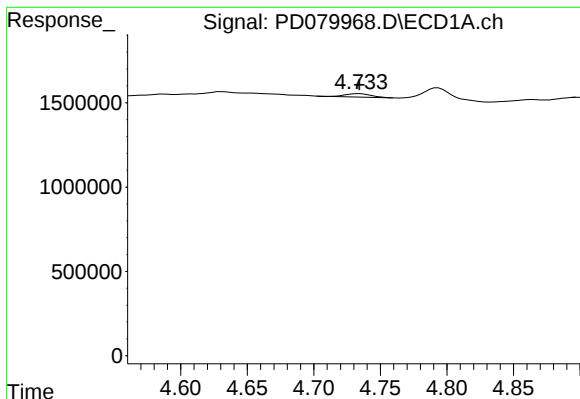
#22 Mirex

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



#22 Mirex

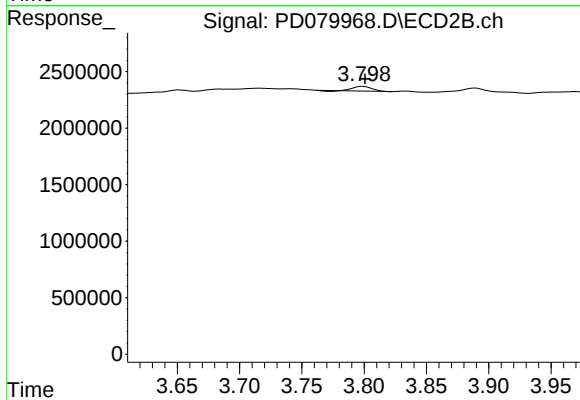
R.T.: 7.058 min
Delta R.T.: 0.007 min
Response: 118817
Conc: 0.05 ng/ml



#23 Chlordane-1

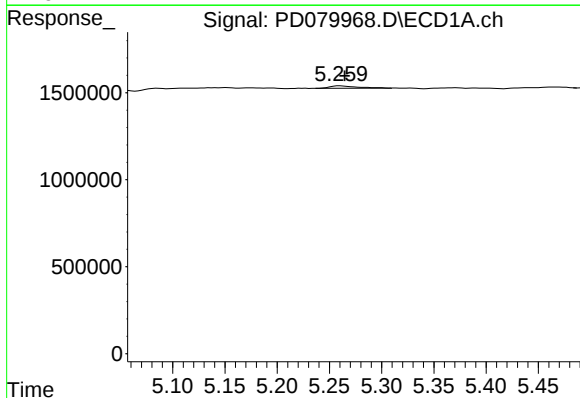
R.T.: 4.734 min
Delta R.T.: 0.000 min
Response: 254774
Conc: 3.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-2



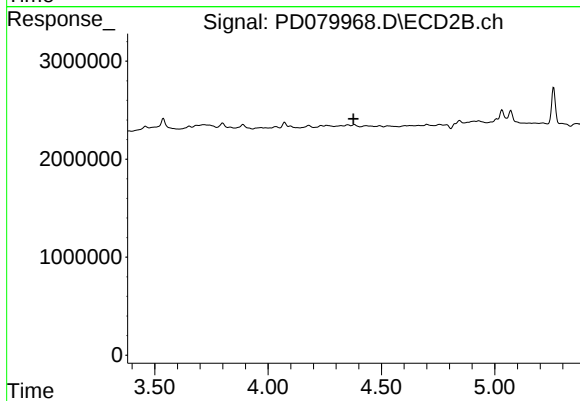
#23 Chlordane-1

R.T.: 3.799 min
Delta R.T.: -0.001 min
Response: 444639
Conc: 4.62 ng/ml



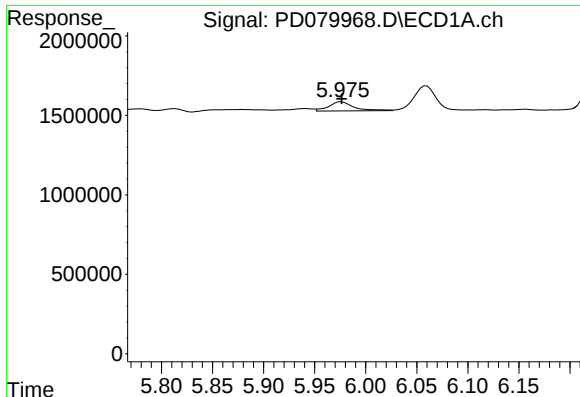
#24 Chlordane-2

R.T.: 5.260 min
Delta R.T.: -0.005 min
Response: 251463
Conc: 3.29 ng/ml



#24 Chlordane-2

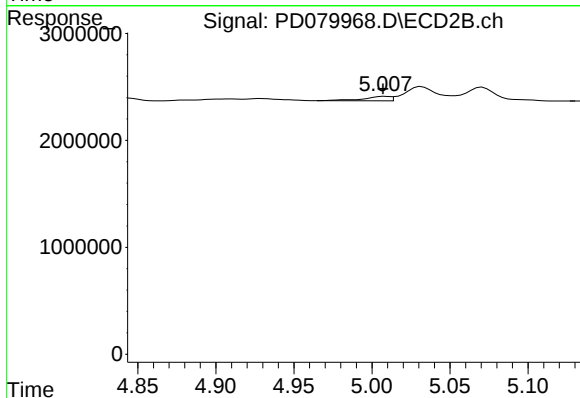
R.T.: 0.000 min
Exp R.T.: 4.377 min
Response: 0
Conc: N.D.



#25 Chlordane-3

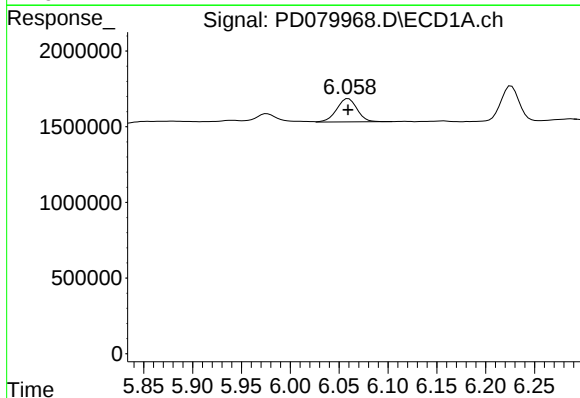
R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 971660
Conc: 3.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-2



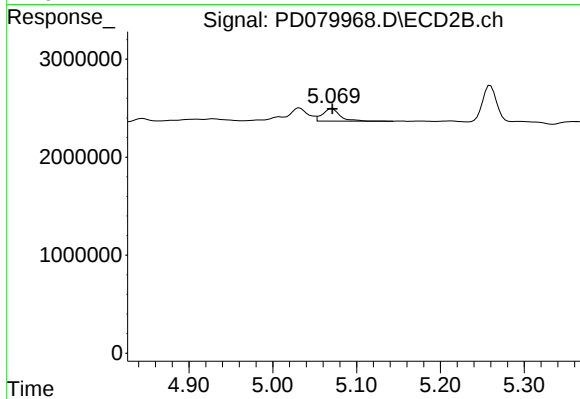
#25 Chlordane-3

R.T.: 5.008 min
Delta R.T.: 0.001 min
Response: 486451
Conc: 1.54 ng/ml



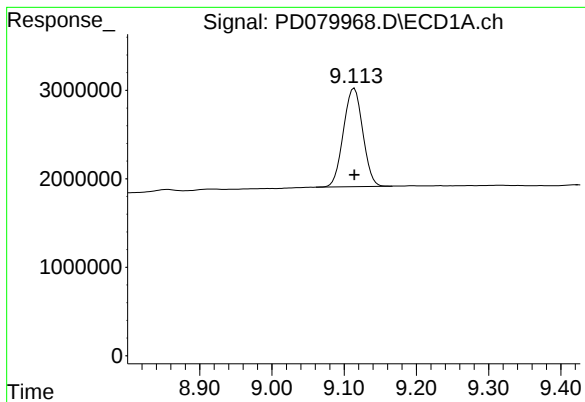
#26 Chlordane-4

R.T.: 6.059 min
Delta R.T.: 0.000 min
Response: 2249251
Conc: 6.21 ng/ml



#26 Chlordane-4

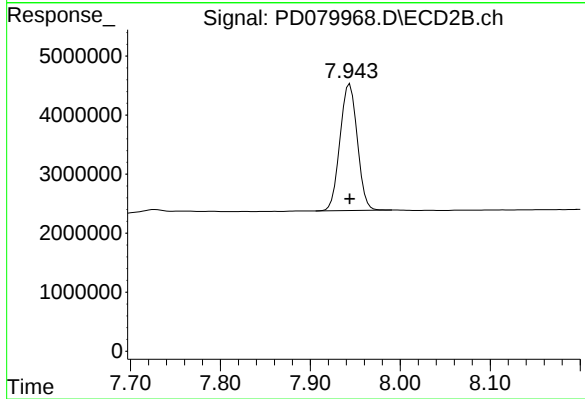
R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 1848161
Conc: 6.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.114 min
Delta R.T.: 0.000 min
Response: 20636296
Conc: 10.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-2



#28 Decachlorobiphenyl

R.T.: 7.944 min
Delta R.T.: 0.000 min
Response: 28755823
Conc: 10.20 ng/ml