

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120623\
 Data File : PD079967.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Dec 2023 16:32
 Operator : AR\AJ
 Sample : 05600-01RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TOPSOIL-LKWD-DENALI-1RE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 21:44:15 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	13391627	22165432	8.885	8.817
28)	SA Decachlor...	9.114	7.943	11562152	16206332	5.712	5.749
Target Compounds							
2)	A alpha-BHC	0.000	3.292	0	73351	N.D.	0.019 #
3)	MA gamma-BHC...	0.000	3.651f	0	190316	N.D.	0.052 #
5)	MB Aldrin	0.000	4.256	0	327710	N.D.	0.092 #
7)	B delta-BHC	4.795	4.179f	747040	316717	0.305	0.084 #
8)	B Heptachlo...	5.710	4.757	1164491	143211	0.529	0.044 #
10)	B gamma-Chl...	5.975	4.985f	1239206	227750	0.569	0.071 #
11)	B alpha-Chl...	6.059	5.071	3030465	2586259	1.405	0.805 #
12)	B 4,4'-DDE	6.226	5.260	4043572	5648649	2.017	1.874
13)	MA Dieldrin	6.378	5.392	190924	657882	0.088	0.201 #
14)	MA Endrin	6.607	5.678	153765	121976	0.085	0.043 #
15)	B Endosulfa...	6.826	5.951	431117	353241	0.226	0.129 #
16)	A 4,4'-DDD	6.753	5.813	701753	302852	0.419	0.118 #
17)	MA 4,4'-DDT	7.058	6.061	472295	1615078	0.265	0.636 #
18)	B Endrin al...	0.000	6.159f	0	601297	N.D.	0.293 #
19)	B Endosulfa...	0.000	6.360	0	677007	N.D.	0.253 #
20)	A Methoxychlor	0.000	6.615f	0	1957427	N.D.	1.339 #
21)	B Endrin ke...	7.709f	0.000	144009	0	0.070	N.D. #
22)	Mirex	8.187f	7.068f	175060	650067	0.107	0.269 #
23)	Chlordane-1	4.733	3.799	300461	596737	4.034	6.199 #
24)	Chlordane-2	5.260	4.379	154880	264000	2.026	2.310
25)	Chlordane-3	5.975	4.985f	1239206	227750	4.105	0.723 #
26)	Chlordane-4	6.059	5.071	3030465	2586259	8.368	8.790
27)	Chlordane-5	0.000	5.951	0	353241	N.D.	3.109 #

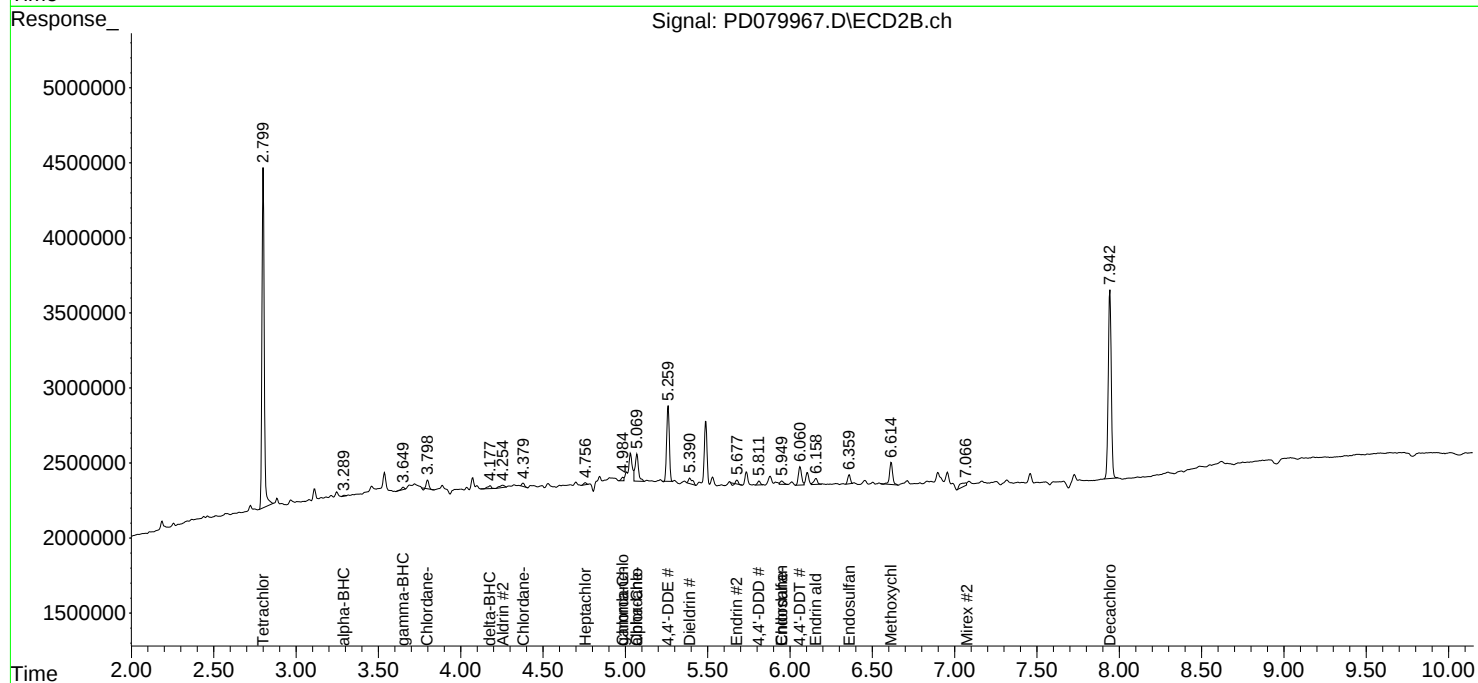
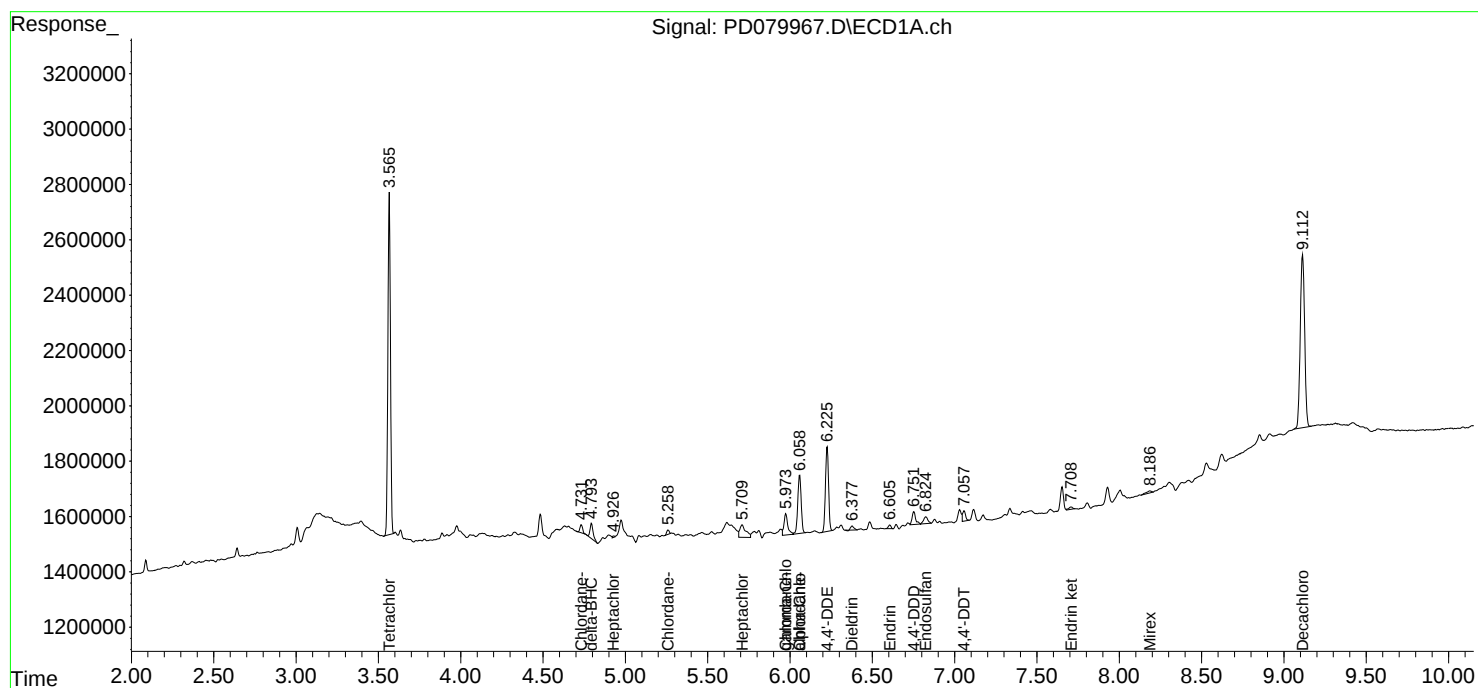
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

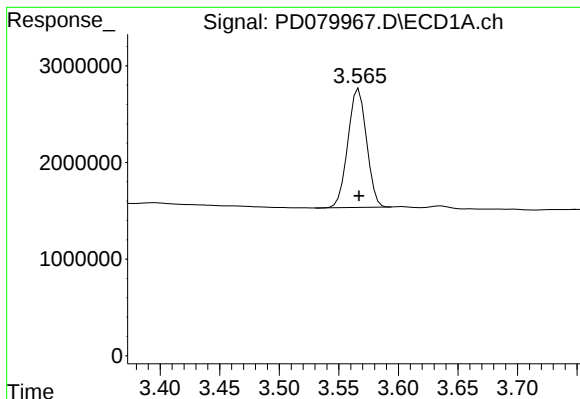
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120623\
Data File : PD079967.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Dec 2023 16:32
Operator : AR\AJ
Sample : 05600-01RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-1RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 21:44:15 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

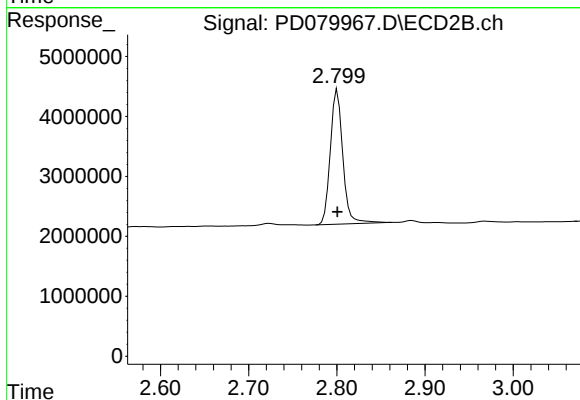




#1 Tetrachloro-m-xylene

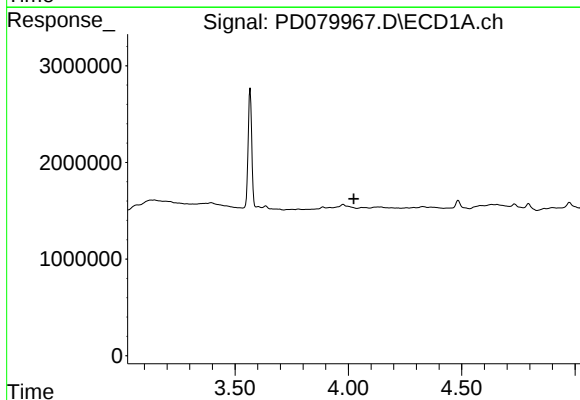
R.T.: 3.567 min
Delta R.T.: 0.000 min
Response: 13391627
Conc: 8.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-1RE



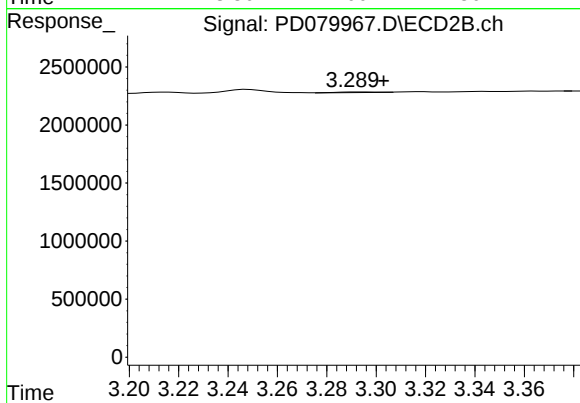
#1 Tetrachloro-m-xylene

R.T.: 2.801 min
Delta R.T.: 0.000 min
Response: 22165432
Conc: 8.82 ng/ml



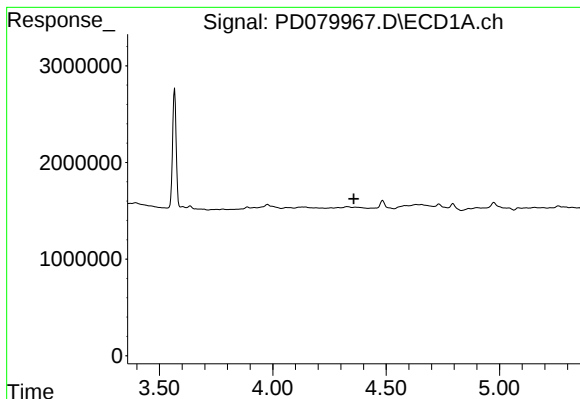
#2 alpha-BHC

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



#2 alpha-BHC

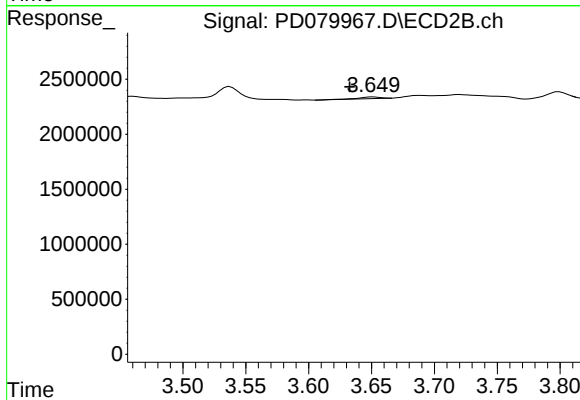
R.T.: 3.292 min
Delta R.T.: -0.011 min
Response: 73351
Conc: 0.02 ng/ml



#3 gamma-BHC (Lindane)

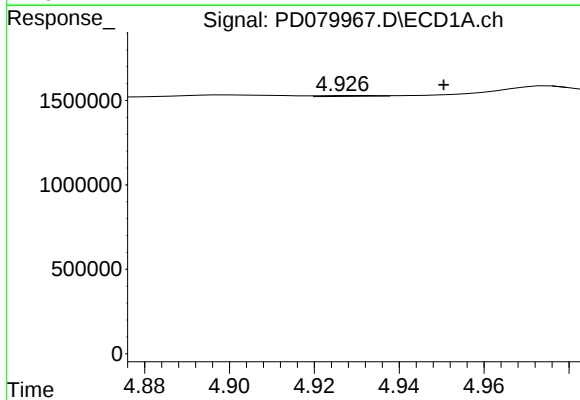
R.T.: 0.000 min
Exp R.T.: 4.357 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-1RE



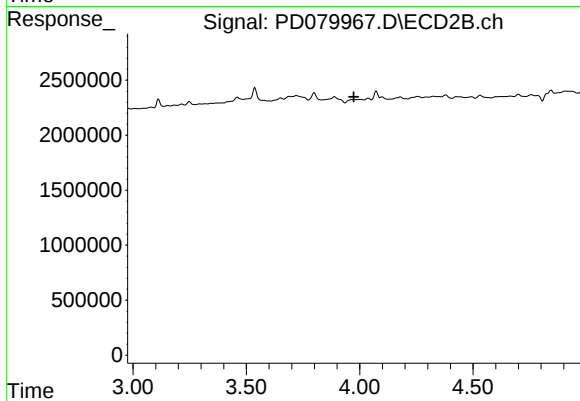
#3 gamma-BHC (Lindane)

R.T.: 3.651 min
Delta R.T.: 0.019 min
Response: 190316
Conc: 0.05 ng/ml



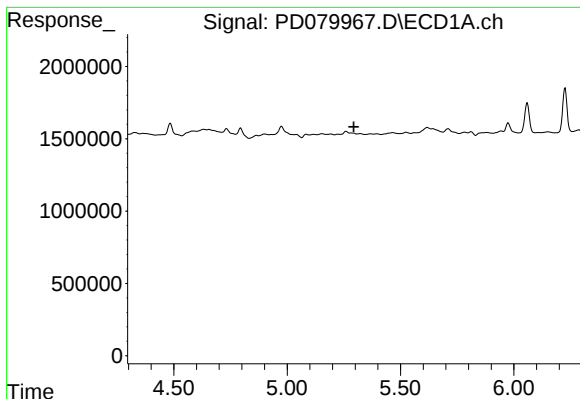
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: -0.022 min
Response: 46056
Conc: 0.02 ng/ml



#4 Heptachlor

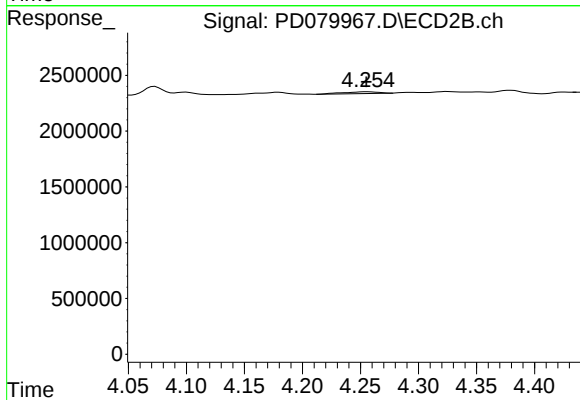
R.T.: 3.975 min
Delta R.T.: 0.000 min
Response: -131409
Conc: N.D.



#5 Aldrin

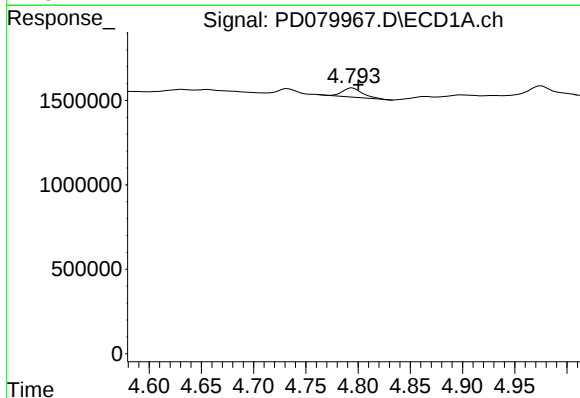
R.T.: 0.000 min
Exp R.T.: 5.294 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-1RE



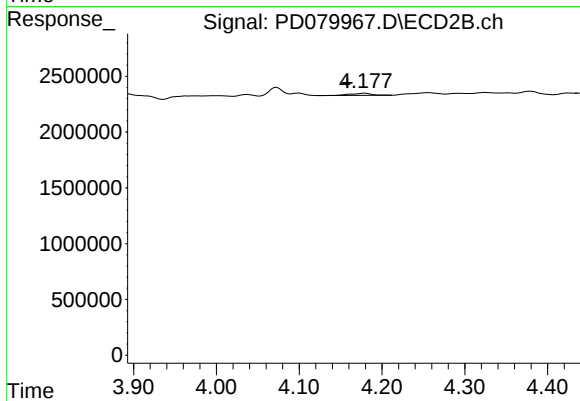
#5 Aldrin

R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 327710
Conc: 0.09 ng/ml



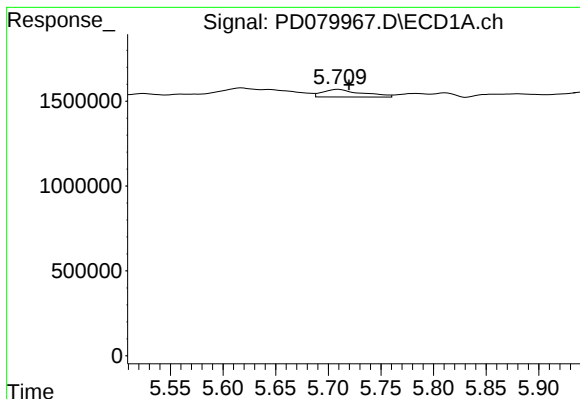
#7 delta-BHC

R.T.: 4.795 min
Delta R.T.: -0.006 min
Response: 747040
Conc: 0.31 ng/ml



#7 delta-BHC

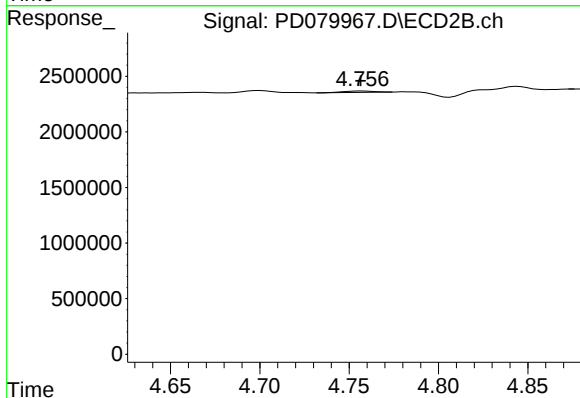
R.T.: 4.179 min
Delta R.T.: 0.021 min
Response: 316717
Conc: 0.08 ng/ml



#8 Heptachlor epoxide

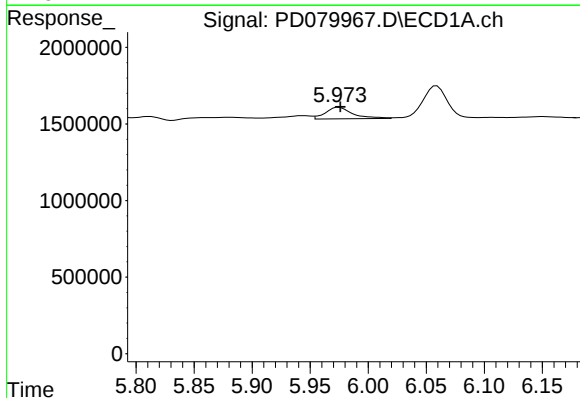
R.T.: 5.710 min
Delta R.T.: -0.010 min
Response: 1164491
Conc: 0.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-1RE



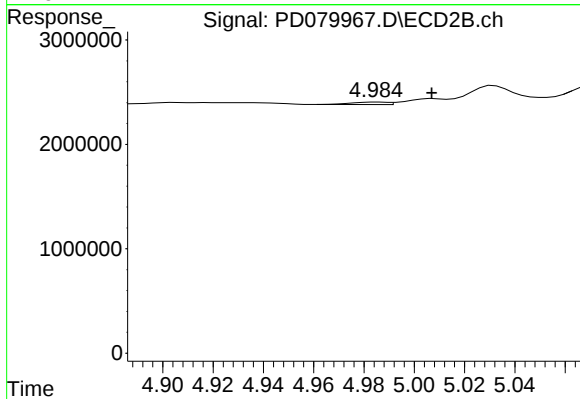
#8 Heptachlor epoxide

R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 143211
Conc: 0.04 ng/ml



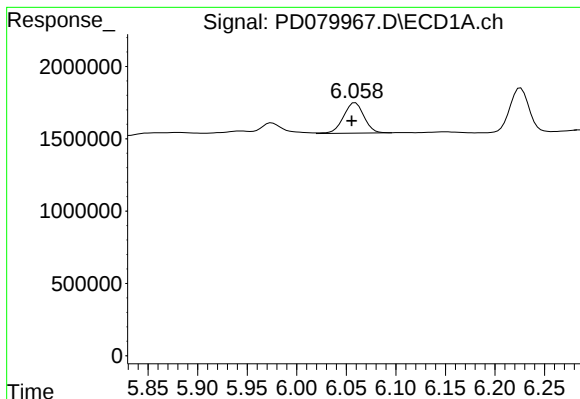
#10 gamma-Chlordane

R.T.: 5.975 min
Delta R.T.: -0.001 min
Response: 1239206
Conc: 0.57 ng/ml



#10 gamma-Chlordane

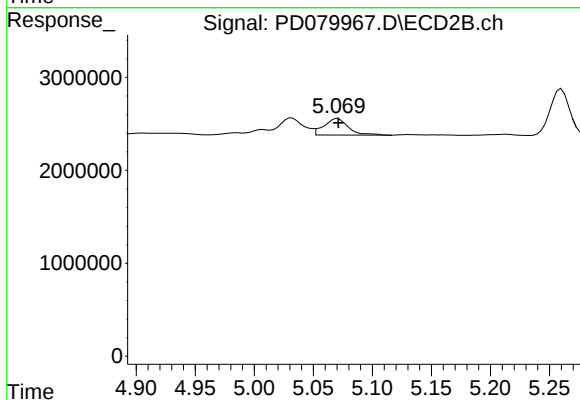
R.T.: 4.985 min
Delta R.T.: -0.022 min
Response: 227750
Conc: 0.07 ng/ml



#11 alpha-Chlordane

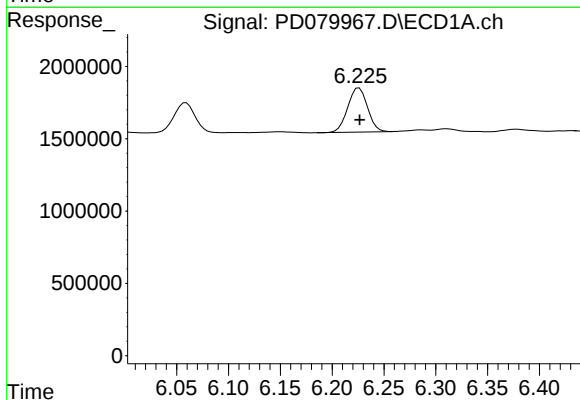
R.T.: 6.059 min
Delta R.T.: 0.004 min
Response: 3030465
Conc: 1.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-1RE



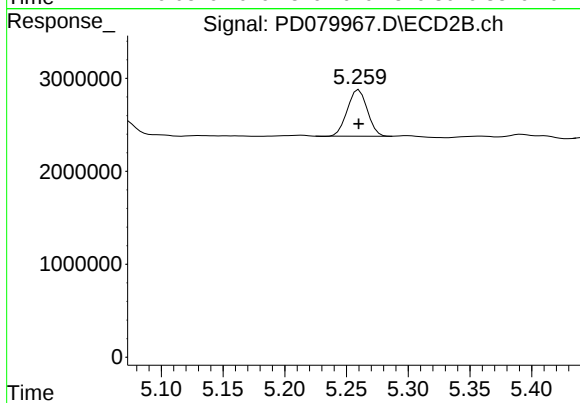
#11 alpha-Chlordane

R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 2586259
Conc: 0.80 ng/ml



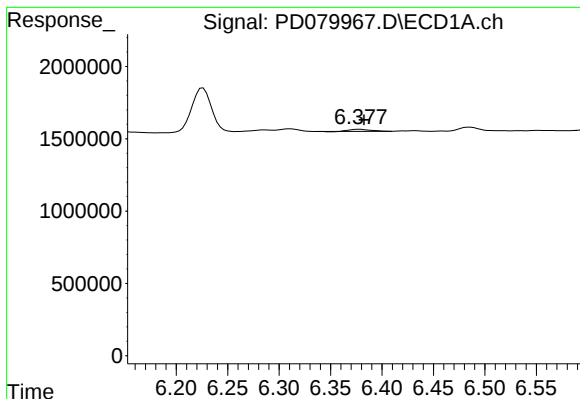
#12 4,4'-DDE

R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 4043572
Conc: 2.02 ng/ml



#12 4,4'-DDE

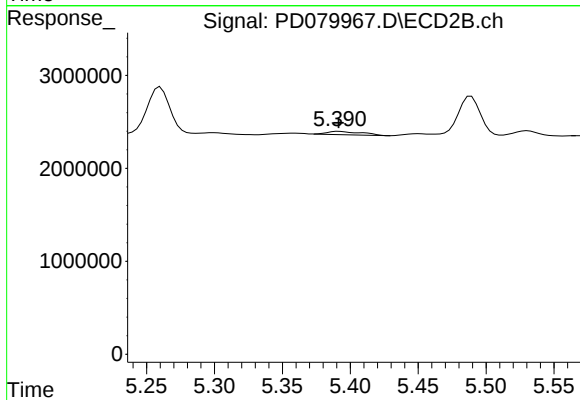
R.T.: 5.260 min
Delta R.T.: 0.000 min
Response: 5648649
Conc: 1.87 ng/ml



#13 Dieldrin

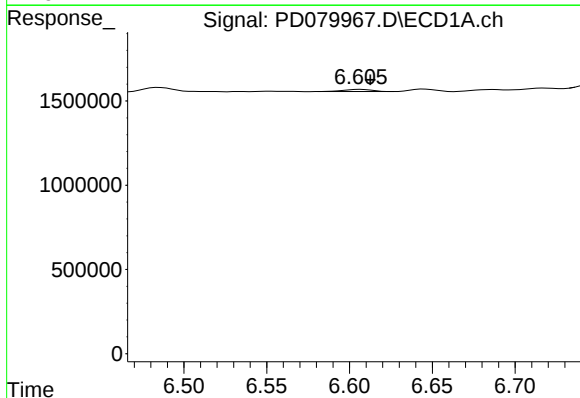
R.T.: 6.378 min
Delta R.T.: -0.004 min
Response: 190924
Conc: 0.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-1RE



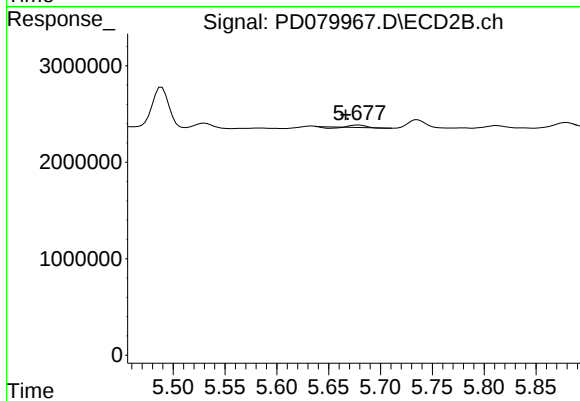
#13 Dieldrin

R.T.: 5.392 min
Delta R.T.: 0.000 min
Response: 657882
Conc: 0.20 ng/ml



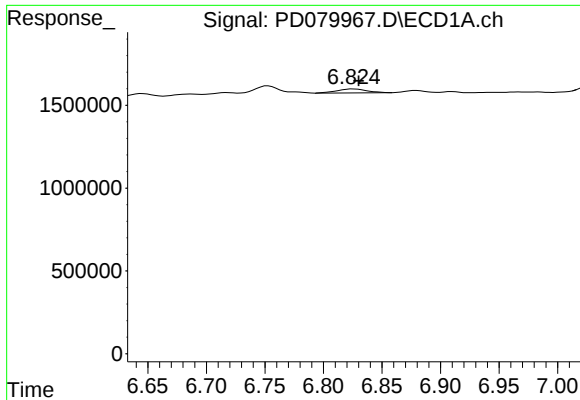
#14 Endrin

R.T.: 6.607 min
Delta R.T.: -0.006 min
Response: 153765
Conc: 0.08 ng/ml



#14 Endrin

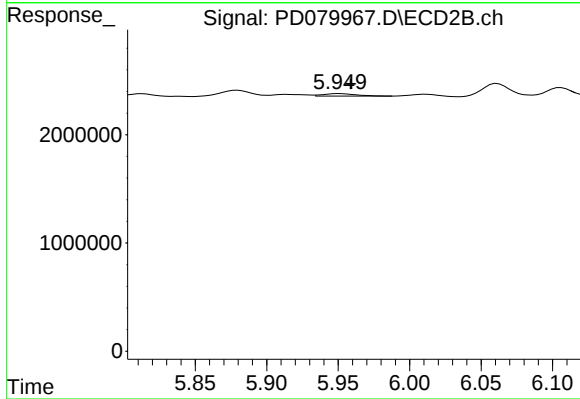
R.T.: 5.678 min
Delta R.T.: 0.012 min
Response: 121976
Conc: 0.04 ng/ml



#15 Endosulfan II

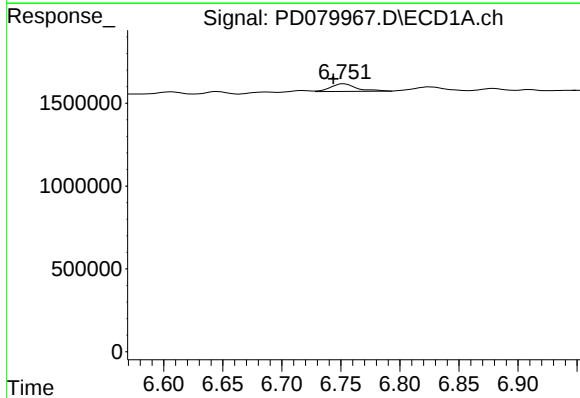
R.T.: 6.826 min
Delta R.T.: -0.004 min
Response: 431117
Conc: 0.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-1RE



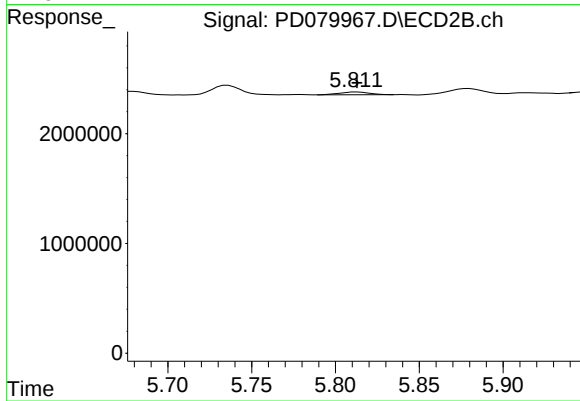
#15 Endosulfan II

R.T.: 5.951 min
Delta R.T.: -0.008 min
Response: 353241
Conc: 0.13 ng/ml



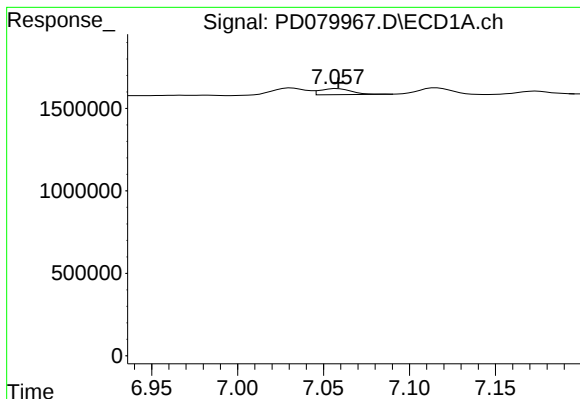
#16 4,4'-DDD

R.T.: 6.753 min
Delta R.T.: 0.009 min
Response: 701753
Conc: 0.42 ng/ml



#16 4,4'-DDD

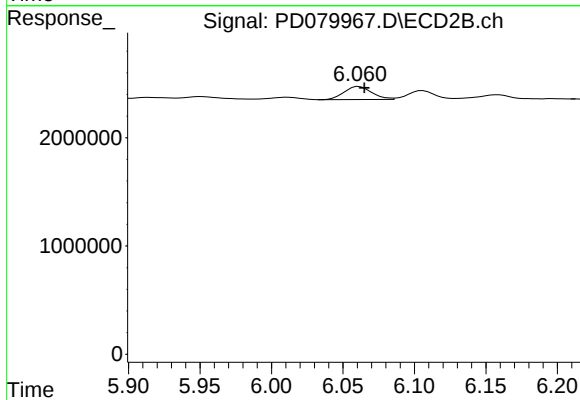
R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 302852
Conc: 0.12 ng/ml



#17 4,4'-DDT

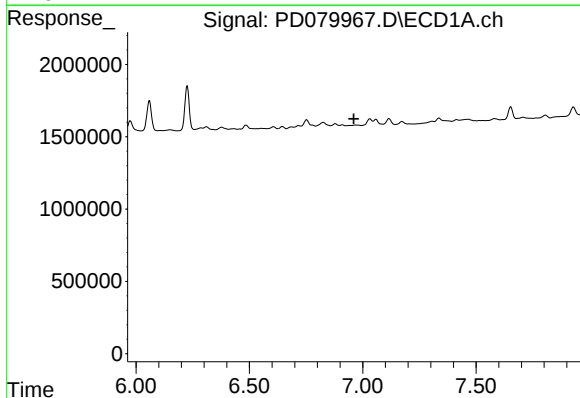
R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 472295
Conc: 0.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-1RE



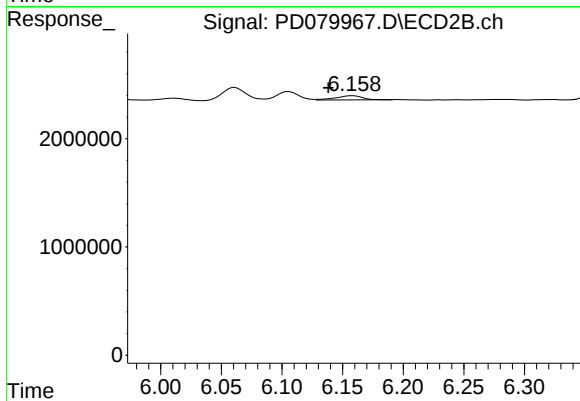
#17 4,4'-DDT

R.T.: 6.061 min
Delta R.T.: -0.004 min
Response: 1615078
Conc: 0.64 ng/ml



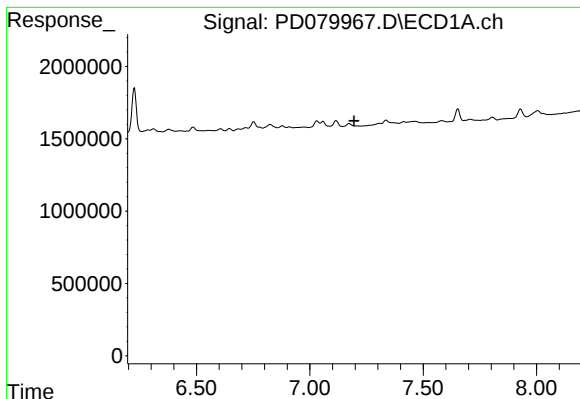
#18 Endrin aldehyde

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



#18 Endrin aldehyde

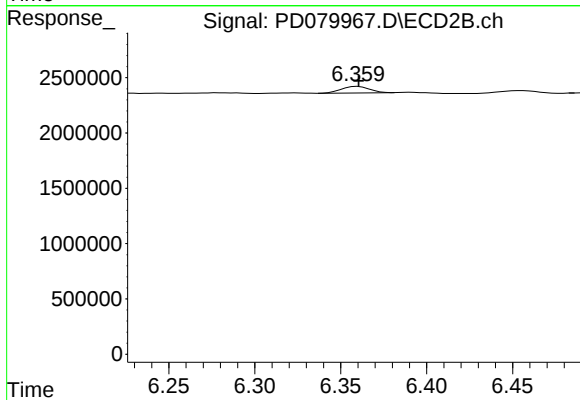
R.T.: 6.159 min
Delta R.T.: 0.020 min
Response: 601297
Conc: 0.29 ng/ml



#19 Endosulfan Sulfate

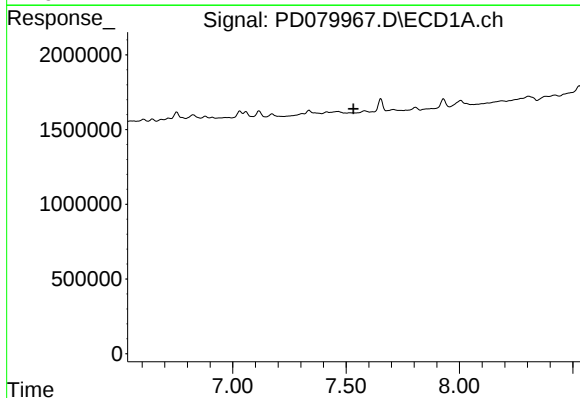
R.T.: 0.000 min
Exp R.T. : 7.195 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-1RE



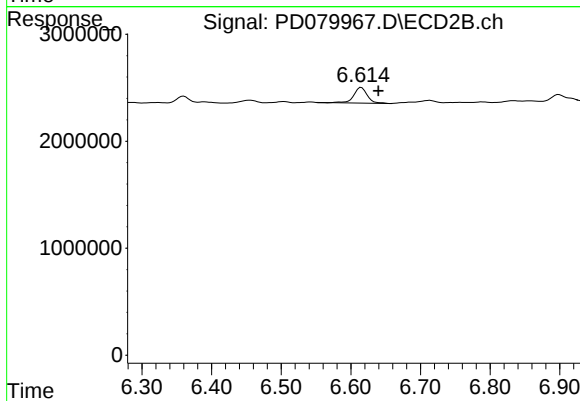
#19 Endosulfan Sulfate

R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 677007
Conc: 0.25 ng/ml



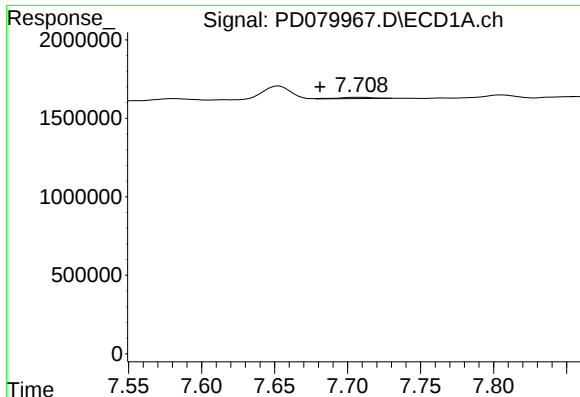
#20 Methoxychlor

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



#20 Methoxychlor

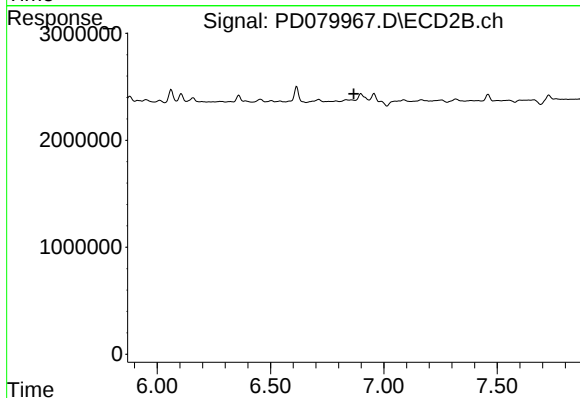
R.T.: 6.615 min
Delta R.T.: -0.025 min
Response: 1957427
Conc: 1.34 ng/ml



#21 Endrin ketone

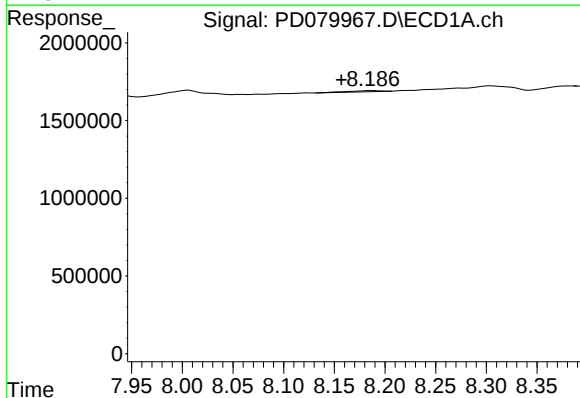
R.T.: 7.709 min
Delta R.T.: 0.028 min
Response: 144009
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-1RE



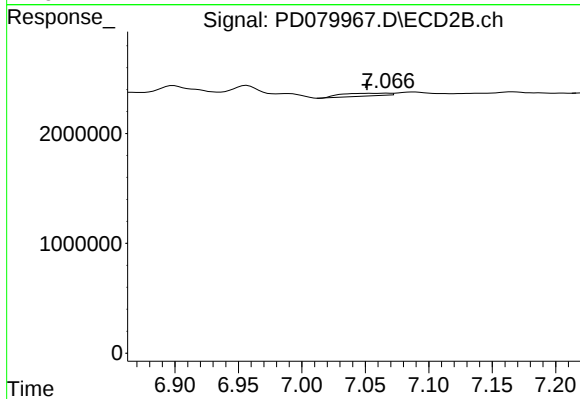
#21 Endrin ketone

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



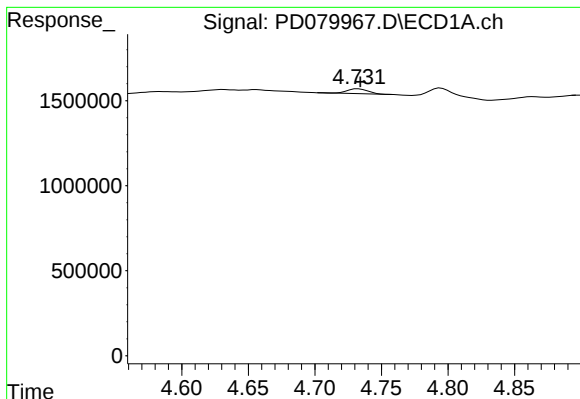
#22 Mirex

R.T.: 8.187 min
Delta R.T.: 0.030 min
Response: 175060
Conc: 0.11 ng/ml



#22 Mirex

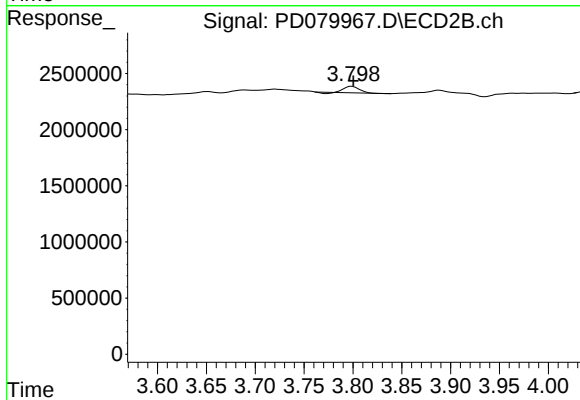
R.T.: 7.068 min
Delta R.T.: 0.016 min
Response: 650067
Conc: 0.27 ng/ml



#23 Chlordane-1

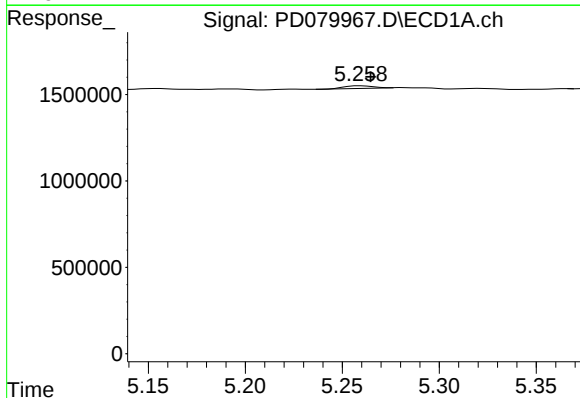
R.T.: 4.733 min
Delta R.T.: -0.002 min
Response: 300461
Conc: 4.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-1RE



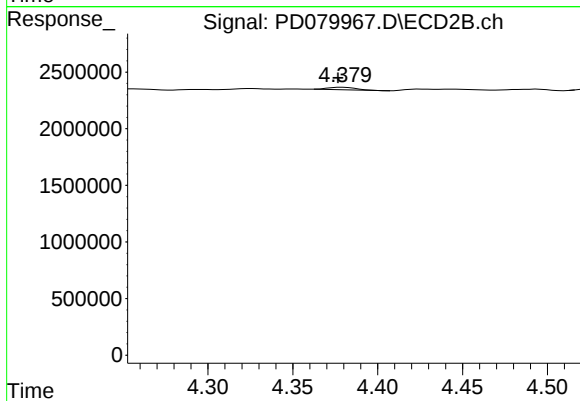
#23 Chlordane-1

R.T.: 3.799 min
Delta R.T.: -0.002 min
Response: 596737
Conc: 6.20 ng/ml



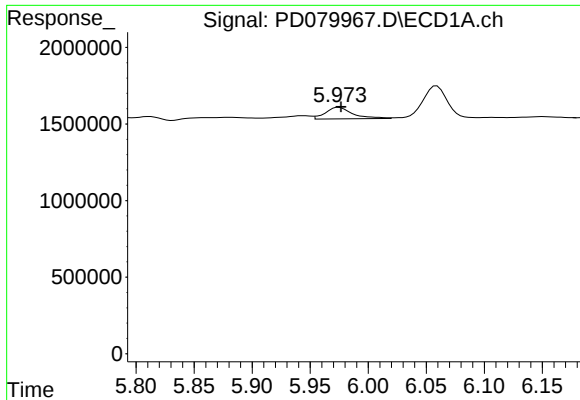
#24 Chlordane-2

R.T.: 5.260 min
Delta R.T.: -0.005 min
Response: 154880
Conc: 2.03 ng/ml



#24 Chlordane-2

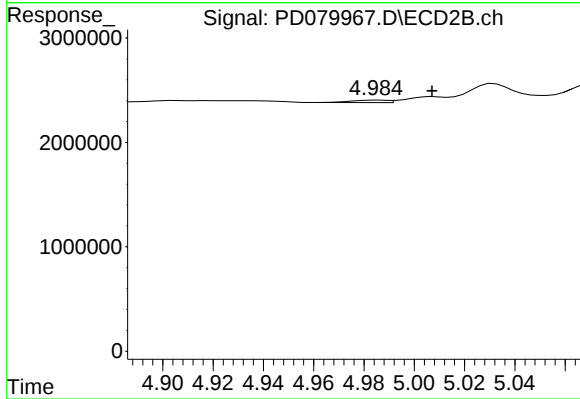
R.T.: 4.379 min
Delta R.T.: 0.003 min
Response: 264000
Conc: 2.31 ng/ml



#25 Chlordane-3

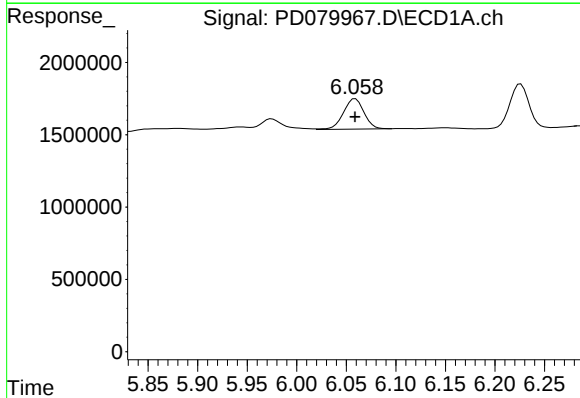
R.T.: 5.975 min
Delta R.T.: -0.002 min
Response: 1239206
Conc: 4.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-1RE



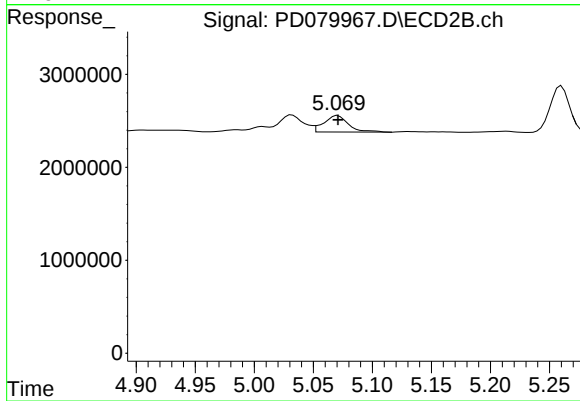
#25 Chlordane-3

R.T.: 4.985 min
Delta R.T.: -0.022 min
Response: 227750
Conc: 0.72 ng/ml



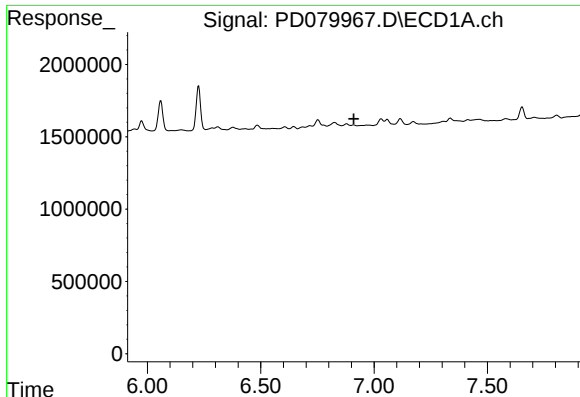
#26 Chlordane-4

R.T.: 6.059 min
Delta R.T.: 0.000 min
Response: 3030465
Conc: 8.37 ng/ml



#26 Chlordane-4

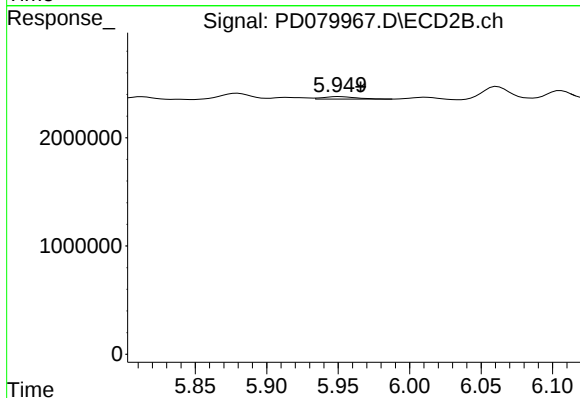
R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 2586259
Conc: 8.79 ng/ml



#27 Chlordane-5

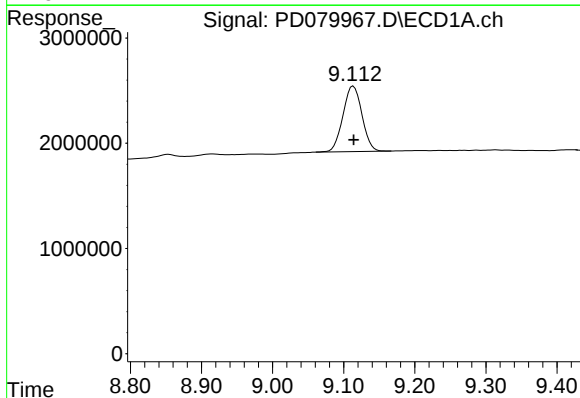
R.T.: 0.000 min
Exp R.T.: 6.910 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
TOPSOIL-LKWD-DENALI-1RE



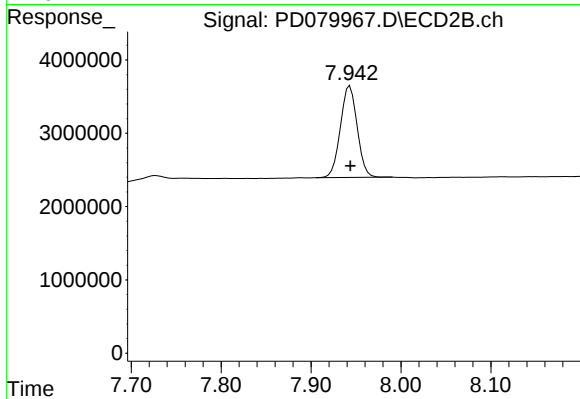
#27 Chlordane-5

R.T.: 5.951 min
Delta R.T.: -0.015 min
Response: 353241
Conc: 3.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.114 min
Delta R.T.: 0.000 min
Response: 11562152
Conc: 5.71 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.943 min
Delta R.T.: 0.000 min
Response: 16206332
Conc: 5.75 ng/ml