

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120623\
 Data File : PD079969.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Dec 2023 16:59
 Operator : AR\AJ
 Sample : 05600-05RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 21:45:44 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	12249135	20536310	8.127	8.169
2)	SA Decachlor...	9.114	7.944	10349120	14475380	5.113	5.135
Target Compounds							
2)	A alpha-BHC	0.000	3.306	0	43107	N.D.	0.011 #
3)	MA gamma-BHC...	0.000	3.652f	0	225764	N.D.	0.062 #
5)	MB Aldrin	0.000	4.256	0	189378	N.D.	0.053 #
7)	B delta-BHC	4.794	4.182f	825586	592734	0.337	0.157 #
8)	B Heptachlo...	5.710	4.757	1222907	130595	0.555	0.040 #
10)	B gamma-Chl...	5.975	5.009	1289916	547951	0.593	0.170 #
11)	B alpha-Chl...	6.059	5.071	3090565	2541572	1.433	0.791 #
12)	B 4,4'-DDE	6.226	5.260	3994920	5600905	1.992	1.858
13)	MA Dieldrin	6.378	5.392	92595	518318	0.042	0.158 #
14)	MA Endrin	0.000	5.677	0	357668	N.D.	0.127 #
15)	B Endosulfa...	6.825	0.000	478051	0	0.251	N.D. #
16)	A 4,4'-DDD	6.753	5.812	631718	296385	0.377	0.115 #
17)	MA 4,4'-DDT	7.059	6.061	406938	1270636	0.229	0.500 #
18)	B Endrin al...	0.000	6.158f	0	509347	N.D.	0.248 #
19)	B Endosulfa...	7.174f	6.360	170231	624836	0.090	0.233 #
20)	A Methoxychlor	0.000	6.615f	0	1855931	N.D.	1.269 #
21)	B Endrin ke...	7.653f	0.000	1017876	0	0.492	N.D. #
22)	Mirex	0.000	7.055	0	604098	N.D.	0.250 #
23)	Chlordane-1	4.733	3.799	352792	578881	4.737	6.013 #
24)	Chlordane-2	5.261	4.381	182043	301655	2.382	2.639
25)	Chlordane-3	5.975	5.009	1289916	547951	4.272	1.739 #
26)	Chlordane-4	6.059	5.071	3090565	2541572	8.534	8.638

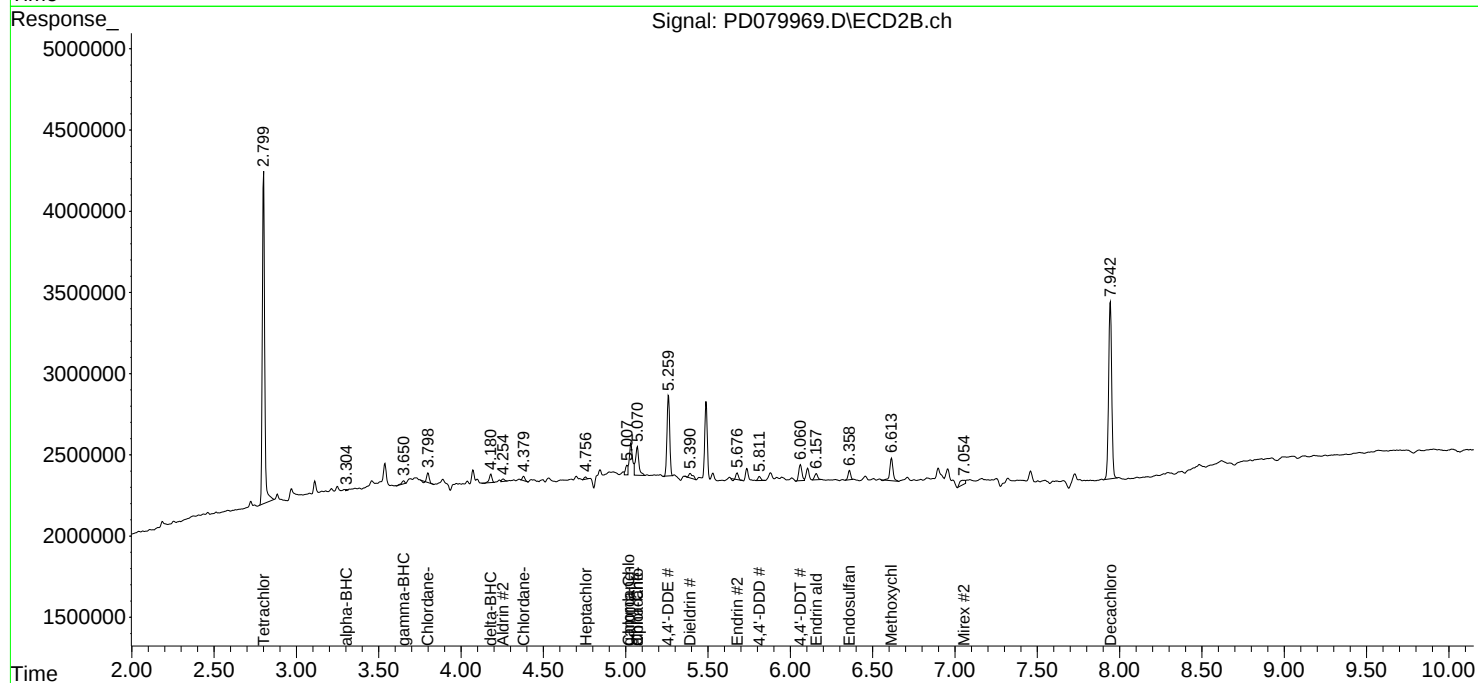
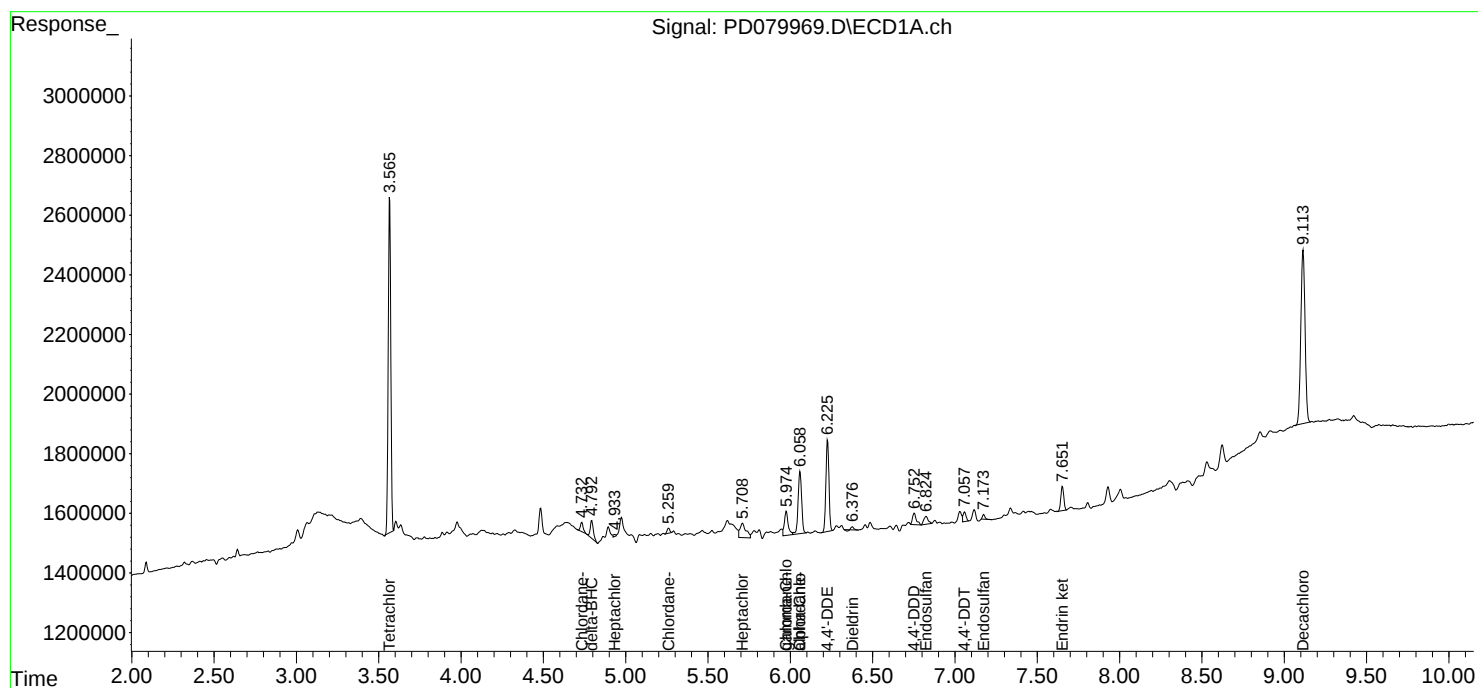
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

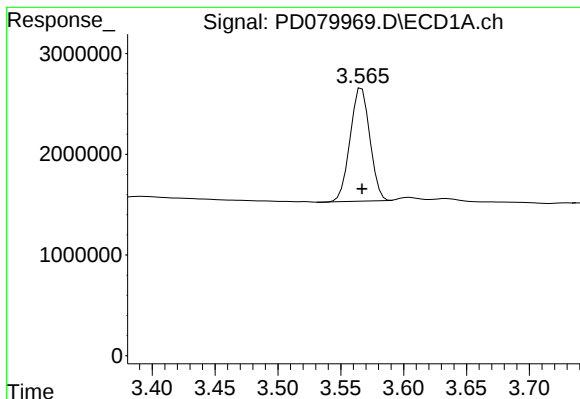
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120623\
Data File : PD079969.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Dec 2023 16:59
Operator : AR\AJ
Sample : 05600-05RE
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 21:45:44 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

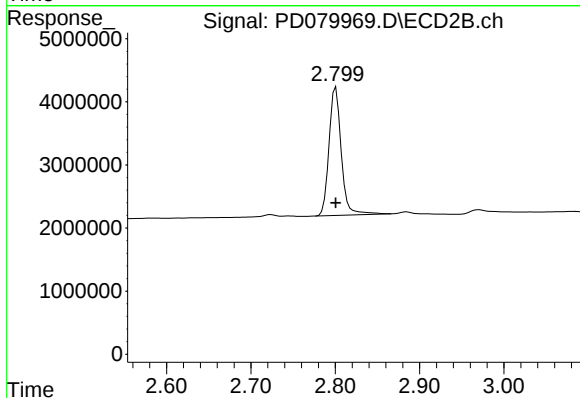




#1 Tetrachloro-m-xylene

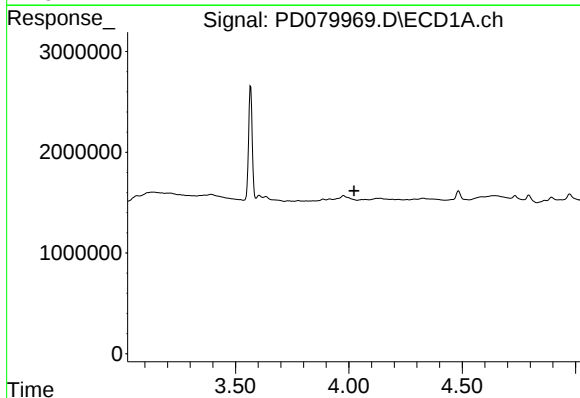
R.T.: 3.567 min
Delta R.T.: 0.000 min
Response: 12249135
Conc: 8.13 ng/ml

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



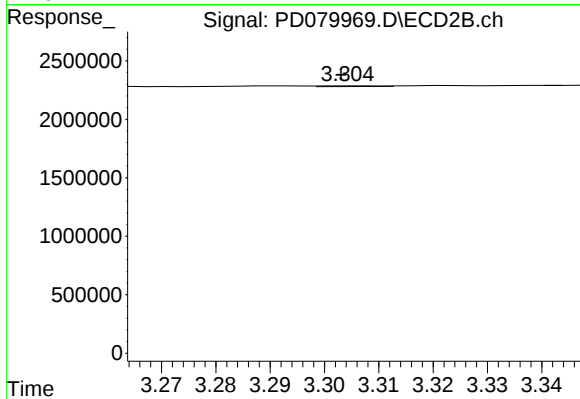
#1 Tetrachloro-m-xylene

R.T.: 2.801 min
Delta R.T.: 0.000 min
Response: 20536310
Conc: 8.17 ng/ml



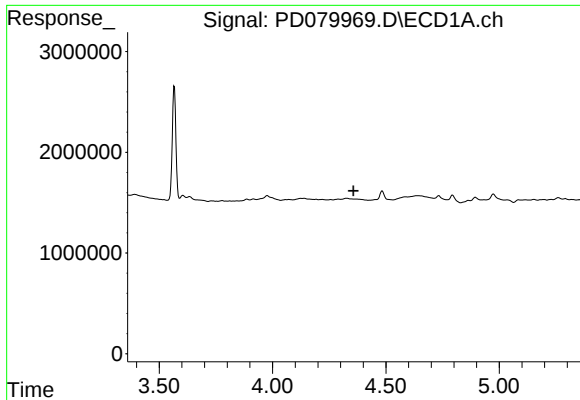
#2 alpha-BHC

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



#2 alpha-BHC

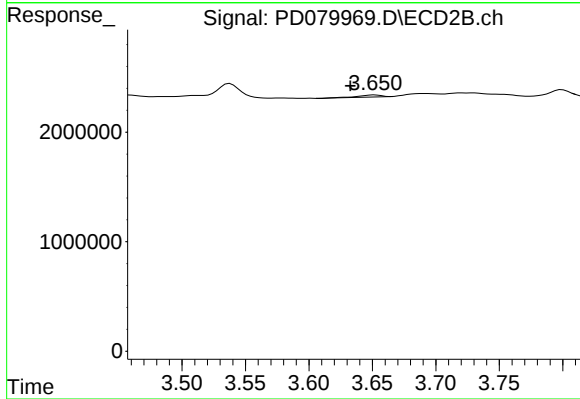
R.T.: 3.306 min
Delta R.T.: 0.003 min
Response: 43107
Conc: 0.01 ng/ml



#3 gamma-BHC (Lindane)

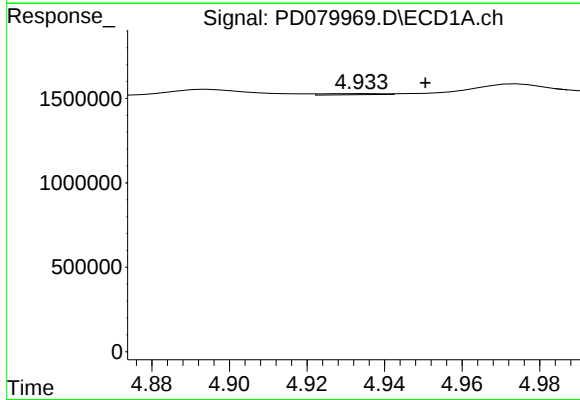
R.T.: 0.000 min
Exp R.T.: 4.357 min
Response: 0
Conc: N.D.

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



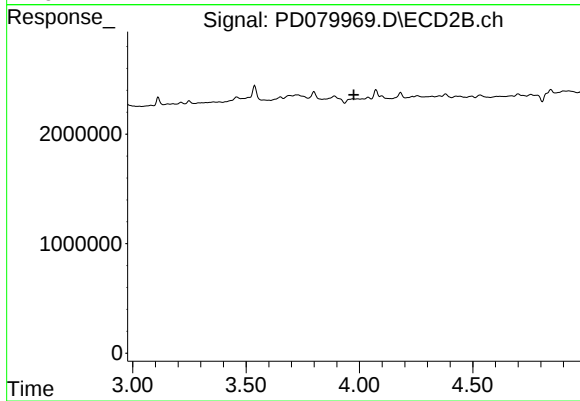
#3 gamma-BHC (Lindane)

R.T.: 3.652 min
Delta R.T.: 0.019 min
Response: 225764
Conc: 0.06 ng/ml



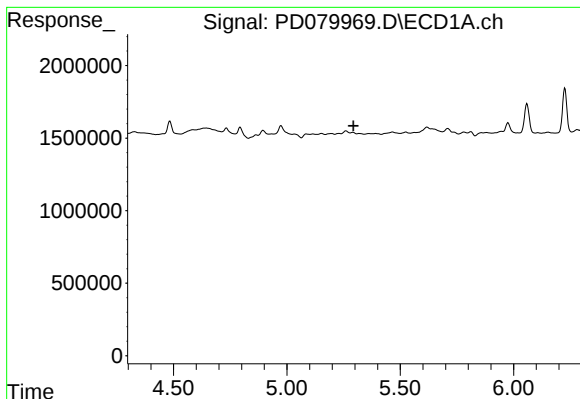
#4 Heptachlor

R.T.: 4.935 min
Delta R.T.: -0.016 min
Response: 71194
Conc: 0.03 ng/ml



#4 Heptachlor

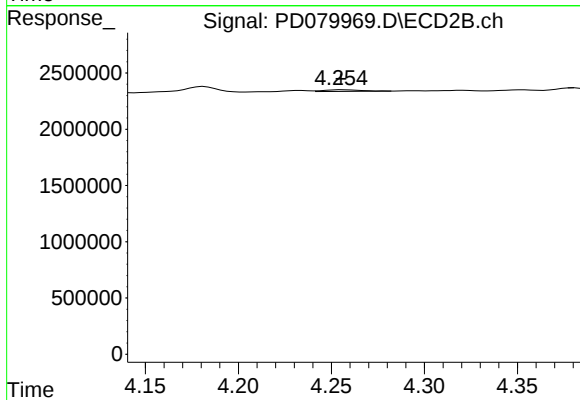
R.T.: 3.973 min
Delta R.T.: -0.002 min
Response: -274812
Conc: N.D.



#5 Aldrin

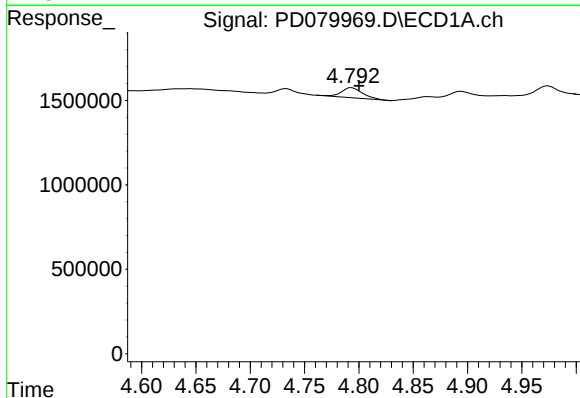
R.T.: 0.000 min
Exp R.T.: 5.294 min
Response: 0
Conc: N.D.

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



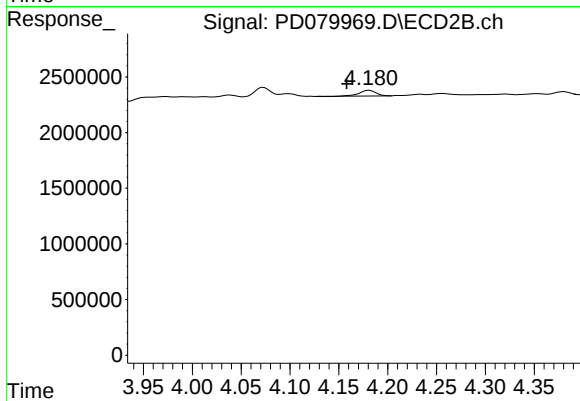
#5 Aldrin

R.T.: 4.256 min
Delta R.T.: 0.001 min
Response: 189378
Conc: 0.05 ng/ml



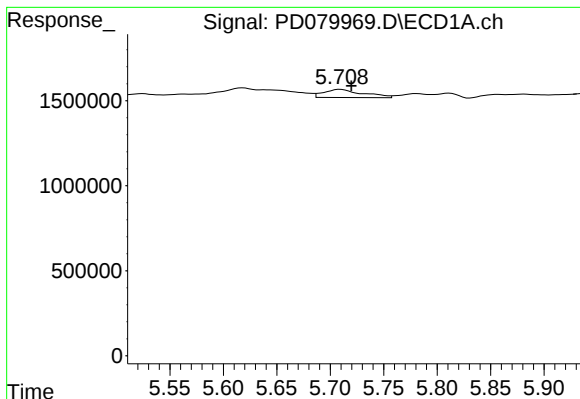
#7 delta-BHC

R.T.: 4.794 min
Delta R.T.: -0.007 min
Response: 825586
Conc: 0.34 ng/ml



#7 delta-BHC

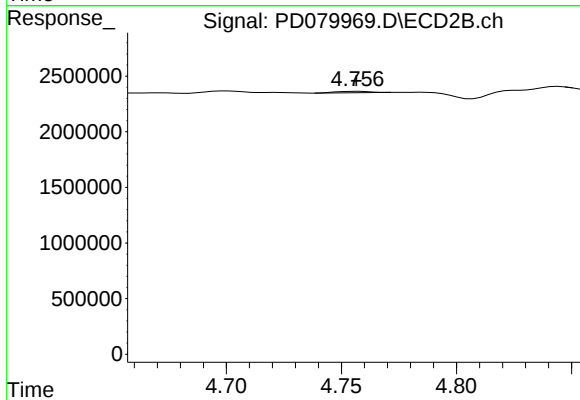
R.T.: 4.182 min
Delta R.T.: 0.023 min
Response: 592734
Conc: 0.16 ng/ml



#8 Heptachlor epoxide

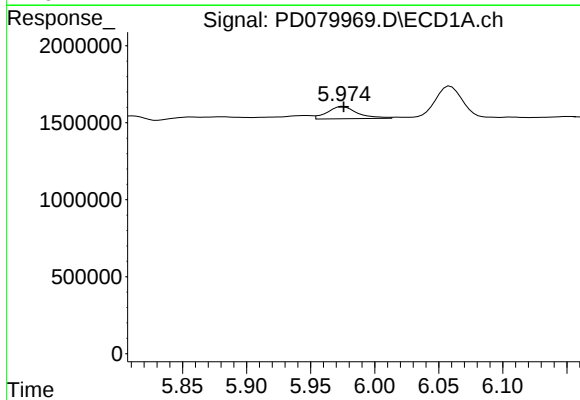
R.T.: 5.710 min
Delta R.T.: -0.010 min
Response: 1222907
Conc: 0.56 ng/ml

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



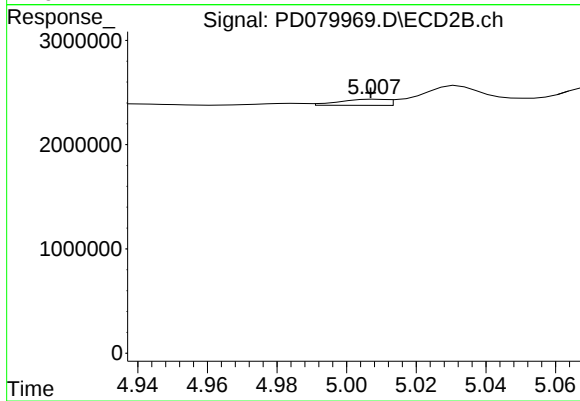
#8 Heptachlor epoxide

R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 130595
Conc: 0.04 ng/ml



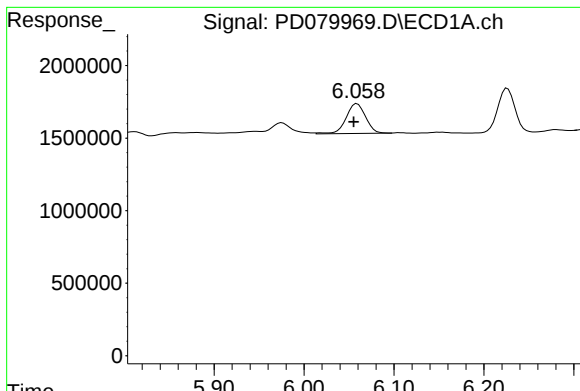
#10 gamma-Chlordane

R.T.: 5.975 min
Delta R.T.: 0.000 min
Response: 1289916
Conc: 0.59 ng/ml



#10 gamma-Chlordane

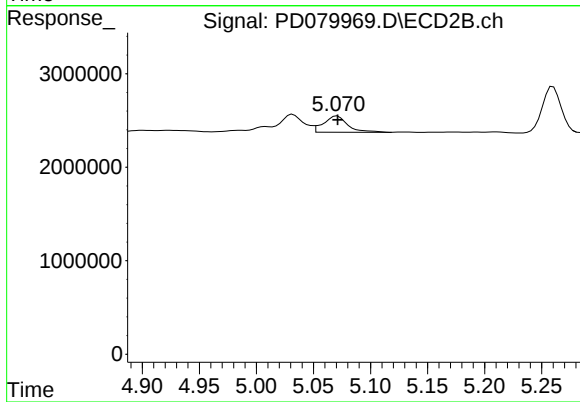
R.T.: 5.009 min
Delta R.T.: 0.002 min
Response: 547951
Conc: 0.17 ng/ml



#11 alpha-Chlordane

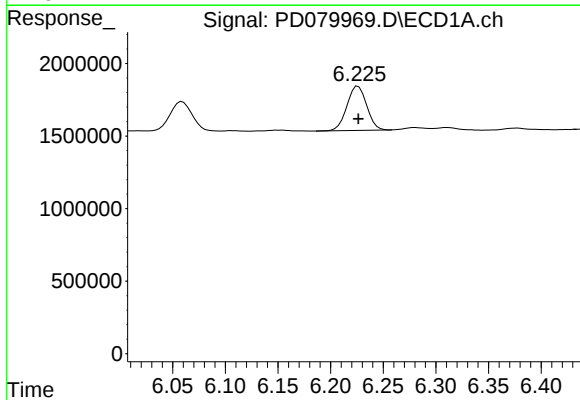
R.T.: 6.059 min
Delta R.T.: 0.003 min
Response: 3090565
Conc: 1.43 ng/ml

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



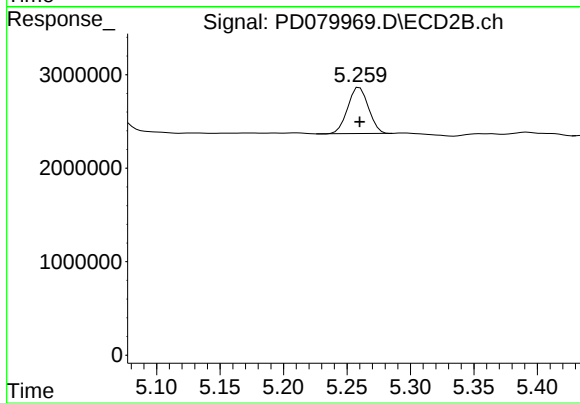
#11 alpha-Chlordane

R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 2541572
Conc: 0.79 ng/ml



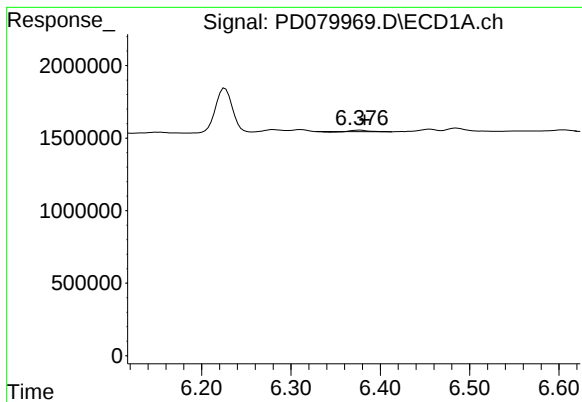
#12 4,4'-DDE

R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 3994920
Conc: 1.99 ng/ml



#12 4,4'-DDE

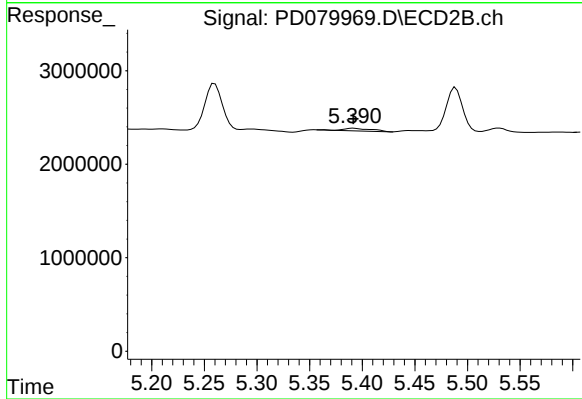
R.T.: 5.260 min
Delta R.T.: 0.000 min
Response: 5600905
Conc: 1.86 ng/ml



#13 Dieldrin

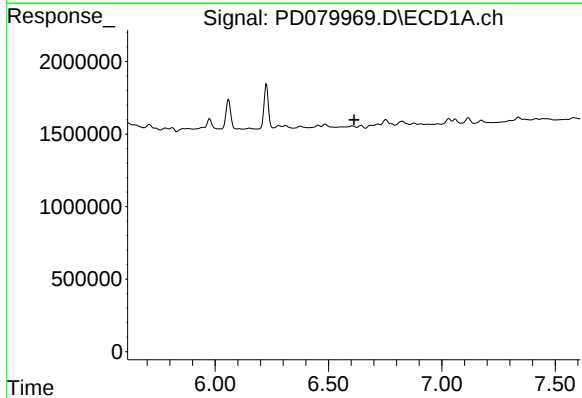
R.T.: 6.378 min
Delta R.T.: -0.005 min
Response: 92595
Conc: 0.04 ng/ml

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



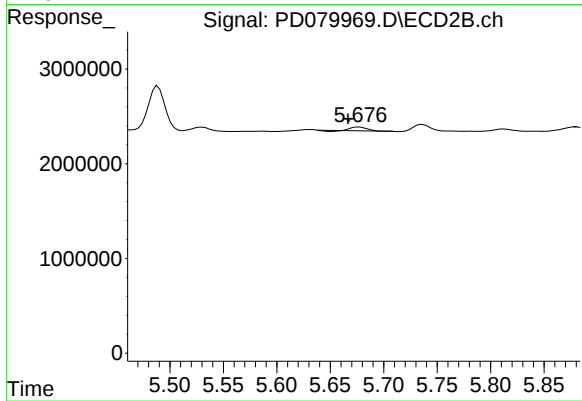
#13 Dieldrin

R.T.: 5.392 min
Delta R.T.: 0.000 min
Response: 518318
Conc: 0.16 ng/ml



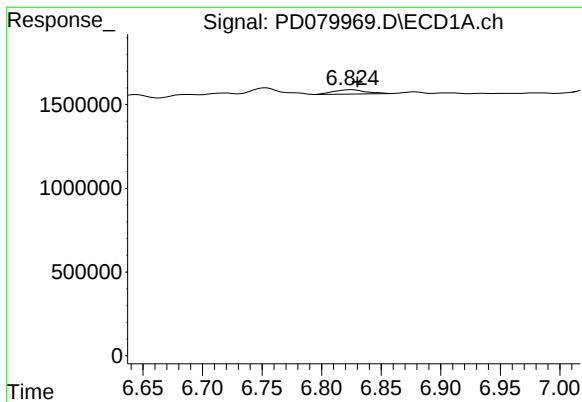
#14 Endrin

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



#14 Endrin

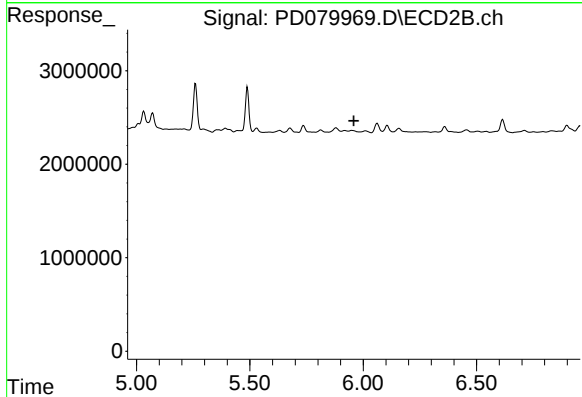
R.T.: 5.677 min
Delta R.T.: 0.011 min
Response: 357668
Conc: 0.13 ng/ml



#15 Endosulfan II

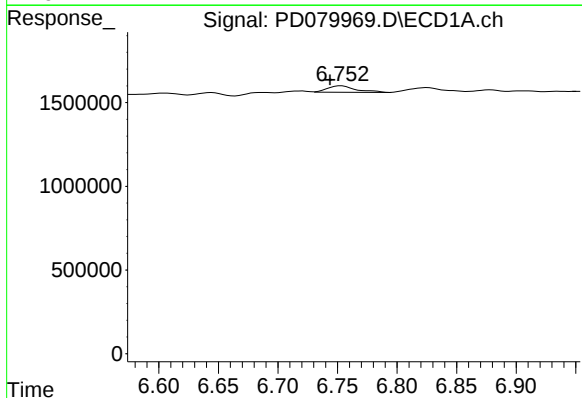
R.T.: 6.825 min
Delta R.T.: -0.005 min
Response: 478051
Conc: 0.25 ng/ml

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



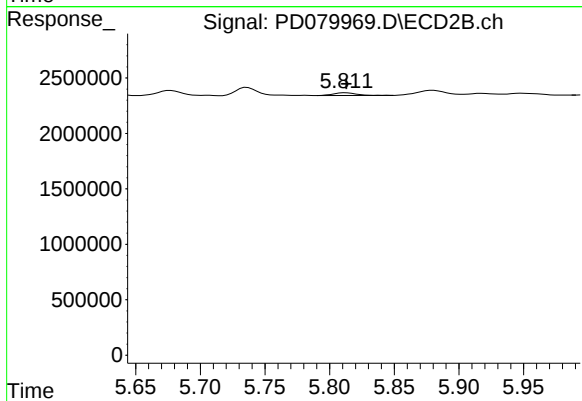
#15 Endosulfan II

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



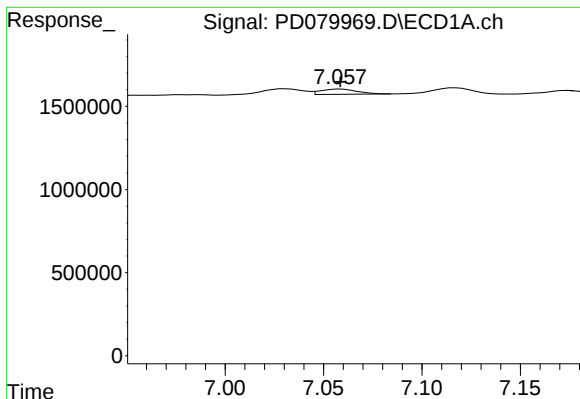
#16 4,4'-DDD

R.T.: 6.753 min
Delta R.T.: 0.009 min
Response: 631718
Conc: 0.38 ng/ml



#16 4,4'-DDD

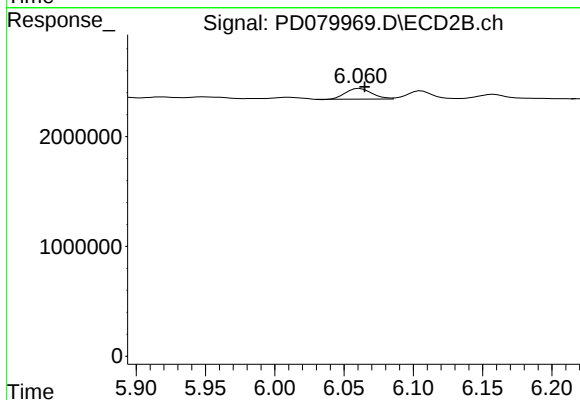
R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 296385
Conc: 0.12 ng/ml



#17 4,4'-DDT

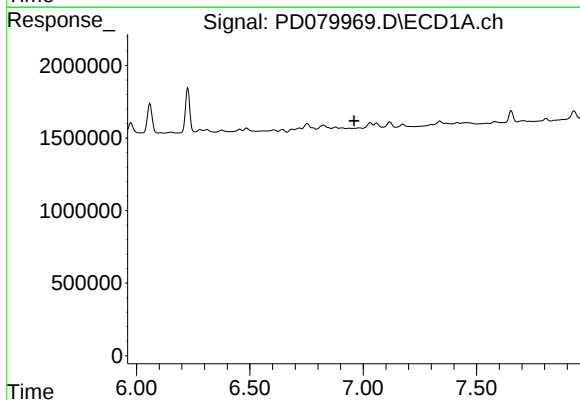
R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 406938
Conc: 0.23 ng/ml

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



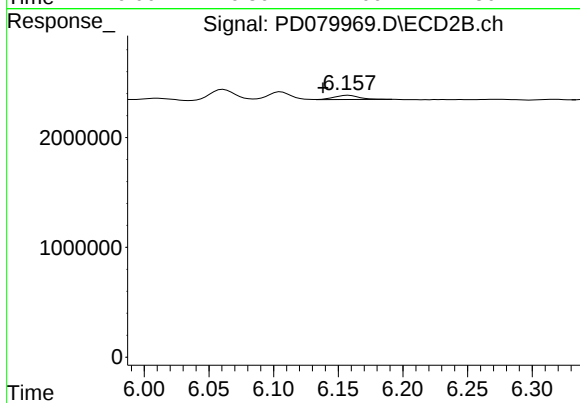
#17 4,4'-DDT

R.T.: 6.061 min
Delta R.T.: -0.004 min
Response: 1270636
Conc: 0.50 ng/ml



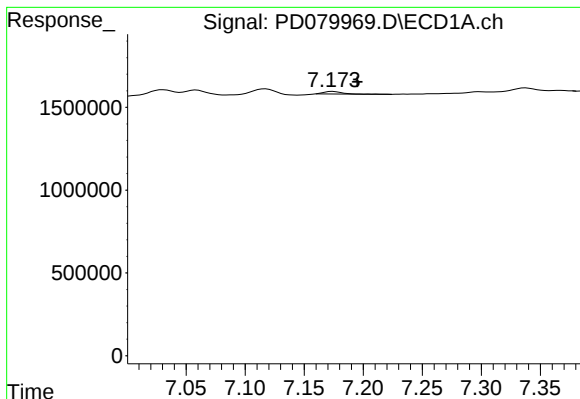
#18 Endrin aldehyde

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



#18 Endrin aldehyde

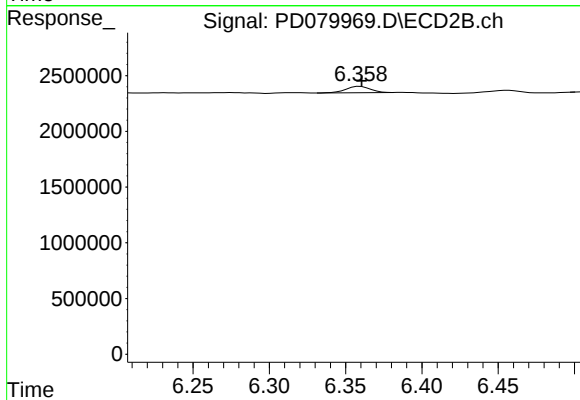
R.T.: 6.158 min
Delta R.T.: 0.020 min
Response: 509347
Conc: 0.25 ng/ml



#19 Endosulfan Sulfate

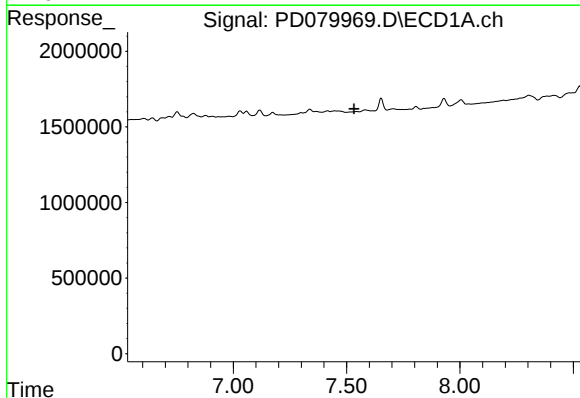
R.T.: 7.174 min
Delta R.T.: -0.021 min
Response: 170231
Conc: 0.09 ng/ml

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



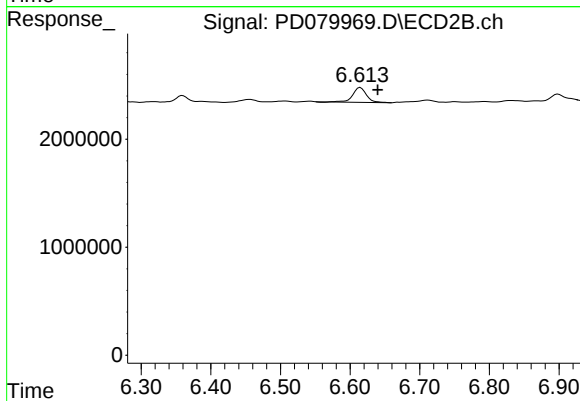
#19 Endosulfan Sulfate

R.T.: 6.360 min
Delta R.T.: -0.001 min
Response: 624836
Conc: 0.23 ng/ml



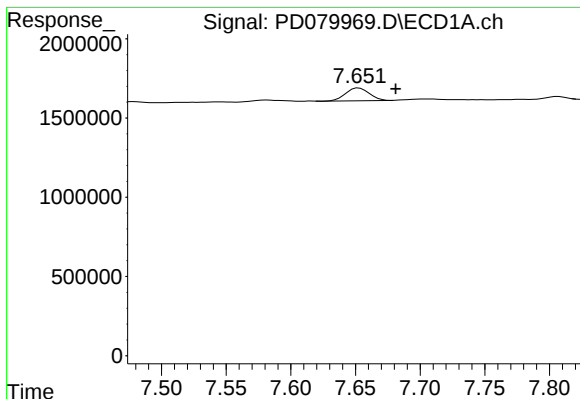
#20 Methoxychlor

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



#20 Methoxychlor

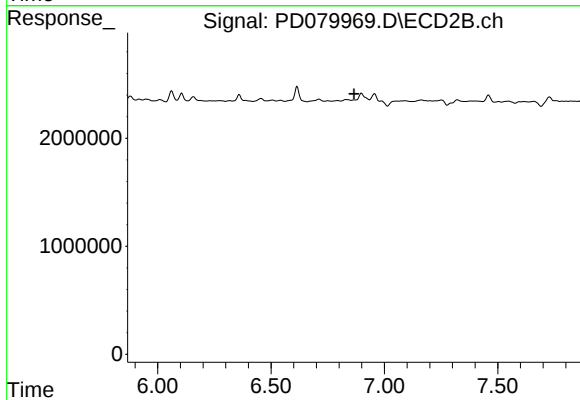
R.T.: 6.615 min
Delta R.T.: -0.025 min
Response: 1855931
Conc: 1.27 ng/ml



#21 Endrin ketone

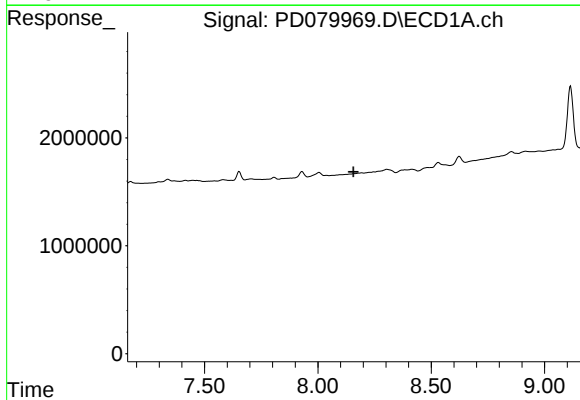
R.T.: 7.653 min
Delta R.T.: -0.028 min
Response: 1017876
Conc: 0.49 ng/ml

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



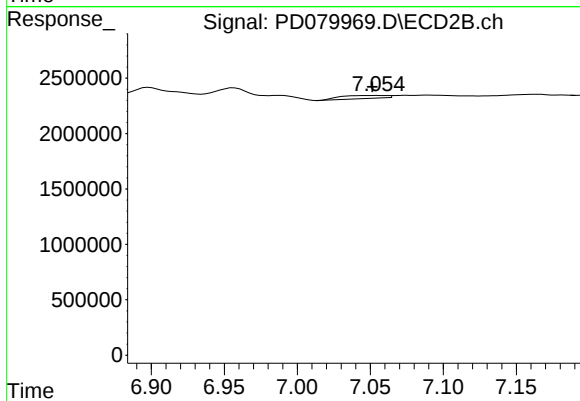
#21 Endrin ketone

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



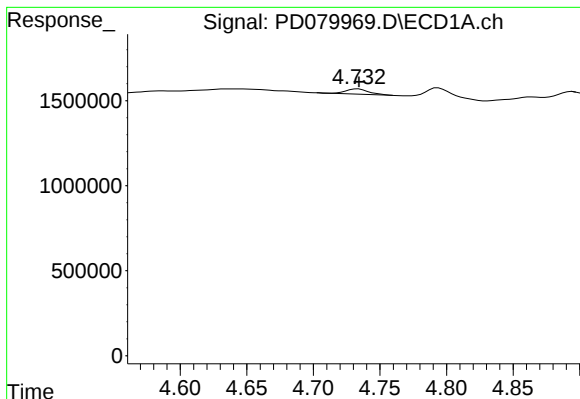
#22 Mirex

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



#22 Mirex

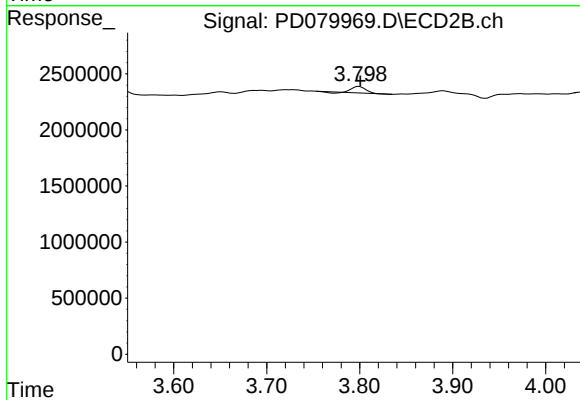
R.T.: 7.055 min
Delta R.T.: 0.004 min
Response: 604098
Conc: 0.25 ng/ml



#23 Chlordane-1

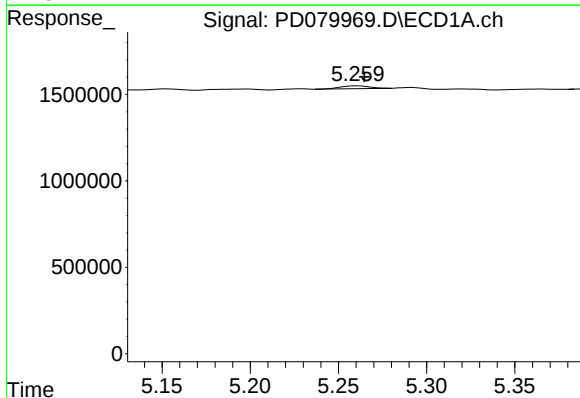
R.T.: 4.733 min
Delta R.T.: 0.000 min
Response: 352792
Conc: 4.74 ng/ml

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



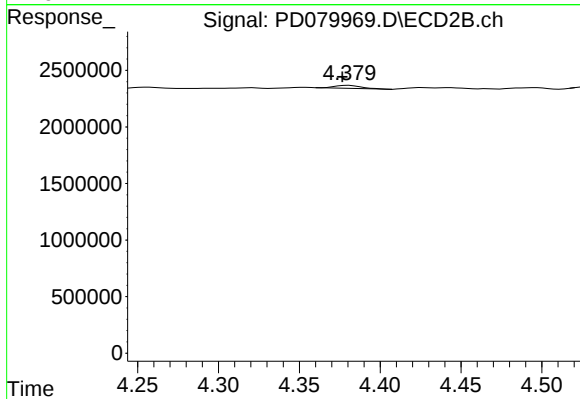
#23 Chlordane-1

R.T.: 3.799 min
Delta R.T.: -0.001 min
Response: 578881
Conc: 6.01 ng/ml



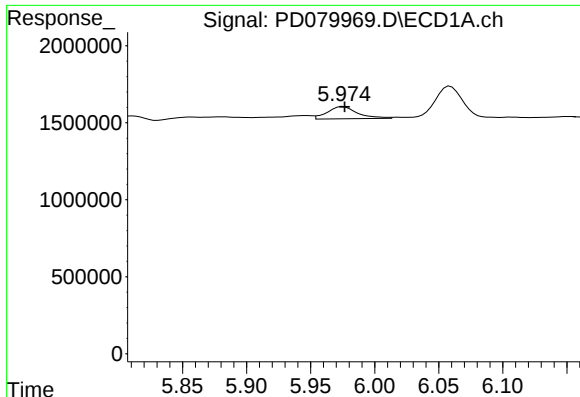
#24 Chlordane-2

R.T.: 5.261 min
Delta R.T.: -0.004 min
Response: 182043
Conc: 2.38 ng/ml



#24 Chlordane-2

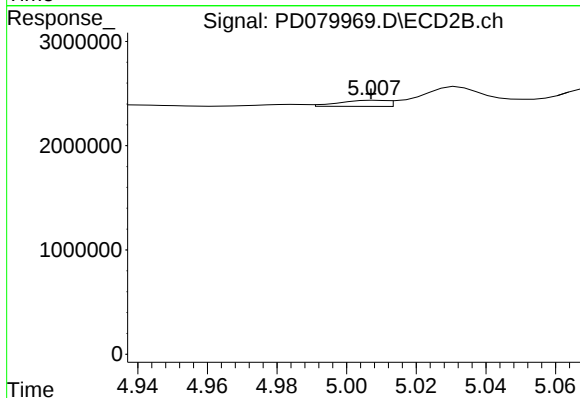
R.T.: 4.381 min
Delta R.T.: 0.004 min
Response: 301655
Conc: 2.64 ng/ml



#25 Chlordane-3

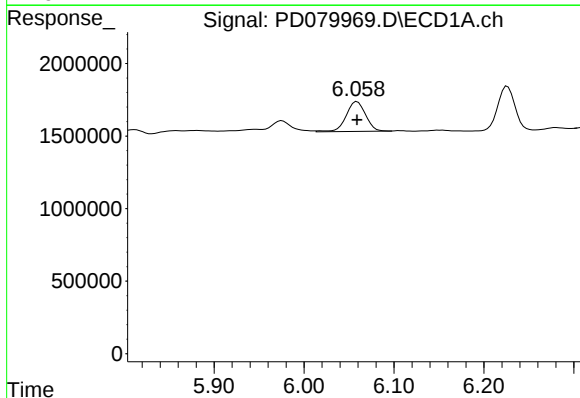
R.T.: 5.975 min
Delta R.T.: -0.001 min
Response: 1289916
Conc: 4.27 ng/ml

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



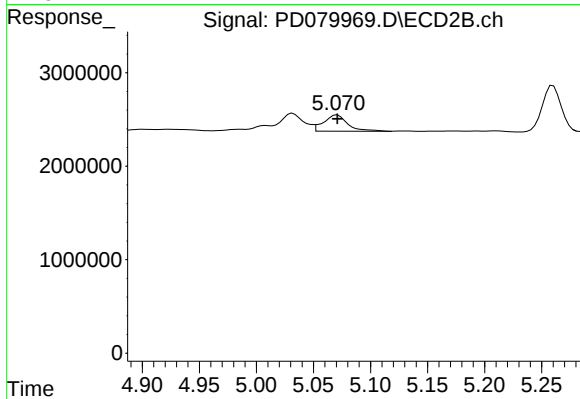
#25 Chlordane-3

R.T.: 5.009 min
Delta R.T.: 0.002 min
Response: 547951
Conc: 1.74 ng/ml



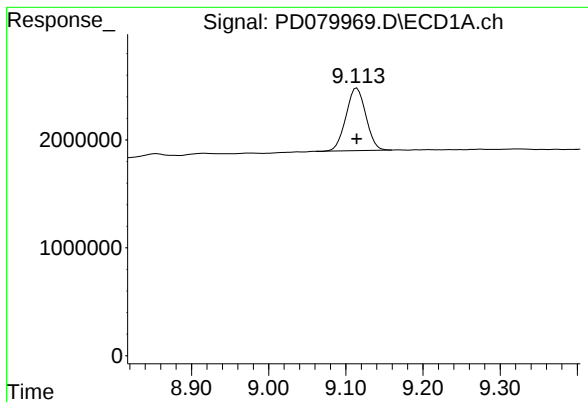
#26 Chlordane-4

R.T.: 6.059 min
Delta R.T.: 0.000 min
Response: 3090565
Conc: 8.53 ng/ml



#26 Chlordane-4

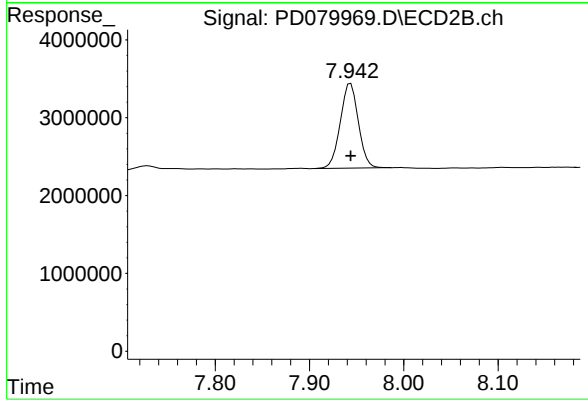
R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 2541572
Conc: 8.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.114 min
Delta R.T.: 0.000 min
Response: 10349120
Conc: 5.11 ng/ml

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



#28 Decachlorobiphenyl

R.T.: 7.944 min
Delta R.T.: 0.000 min
Response: 14475380
Conc: 5.14 ng/ml