

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120723\
 Data File : PD079998.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Dec 2023 10:11
 Operator : AR\AJ
 Sample : 05600-03RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 07 20:42:18 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...	3.571	2.800	15205892	25466749	10.089	10.131
28)	SA Decachlor...	9.117	7.944	15386693	21235762	7.601	7.533
Target Compounds							
2)	A alpha-BHC	4.002f	3.289	96687	1809929	0.038	0.473 #
4)	MA Heptachlor	4.938	3.969	186025	-32486	0.076	N.D. #
5)	MB Aldrin	5.265f	4.256	140625	233584	0.059	0.066
7)	B delta-BHC	4.798	4.176f	1047879	178797	0.428	0.047 #
8)	B Heptachlo...	5.715	4.756	975775	89856	0.443	0.027 #
10)	B gamma-Chl...	5.979	5.009	1403388	647257	0.645	0.201 #
11)	B alpha-Chl...	6.063	5.071	2541361	2738316	1.178	0.852 #
12)	B 4,4'-DDE	6.229	5.260	3465504	5075534	1.728	1.684
13)	MA Dieldrin	6.381	5.393	120054	2088	0.055	0.001 #
14)	MA Endrin	0.000	5.678	0	272881	N.D.	0.097 #
15)	B Endosulfa...	6.827	0.000	575235	0	0.302	N.D. #
16)	A 4,4'-DDD	6.757	5.813	489104	242421	0.292	0.094 #
17)	MA 4,4'-DDT	7.063	6.063	416631	1232309	0.234	0.485 #
18)	B Endrin al...	0.000	6.158f	0	534613	N.D.	0.260 #
19)	B Endosulfa...	7.177f	6.360	158647	555416	0.084	0.207 #
20)	A Methoxychlor	0.000	6.616f	0	1475140	N.D.	1.009 #
21)	B Endrin ke...	7.656f	0.000	845094	0	0.408	N.D. #
22)	Mirex	8.188f	7.056	114631	187633	0.070	0.078
23)	Chlordane-1	4.737	3.800	259389	424018	3.483	4.405 #
24)	Chlordane-2	5.265	4.380	140625	249018	1.840	2.179
25)	Chlordane-3	5.979	5.009	1403388	647257	4.648	2.054 #
26)	Chlordane-4	6.063	5.071	2541361	2738316	7.017	9.307 #

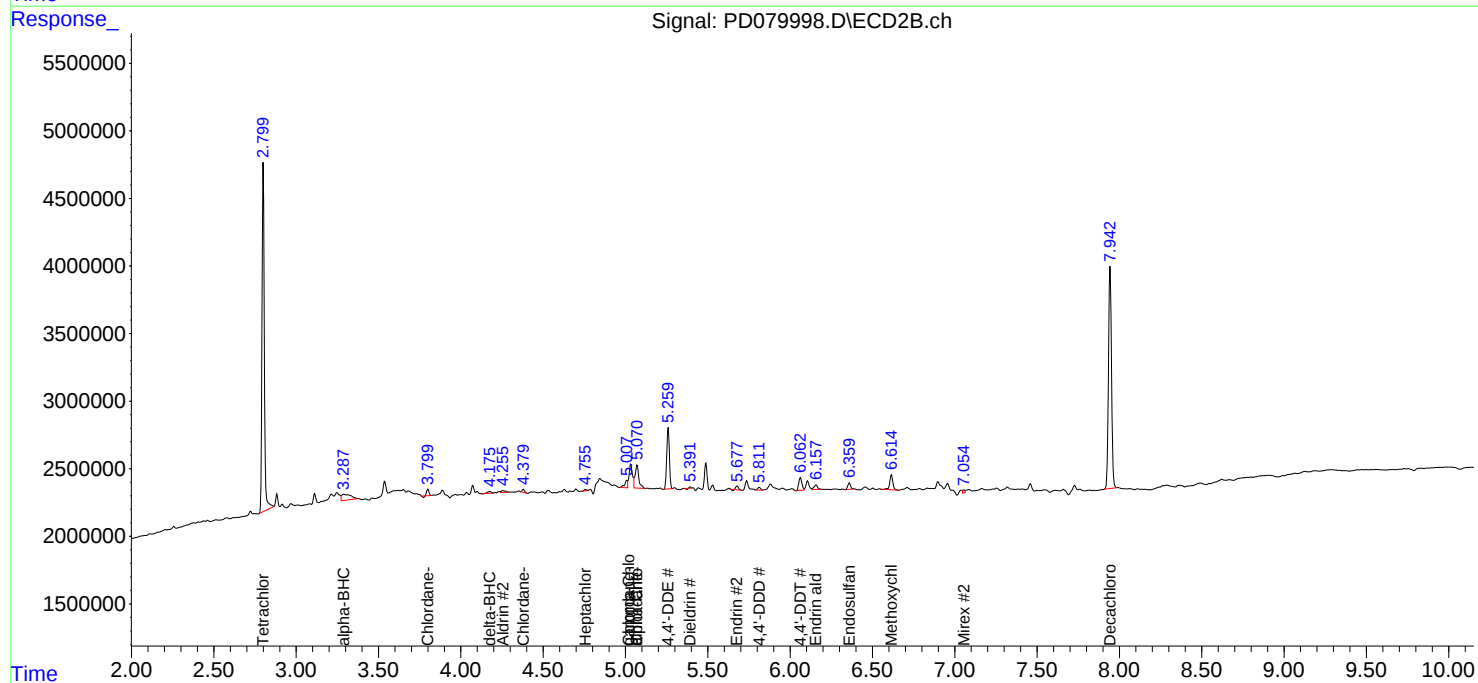
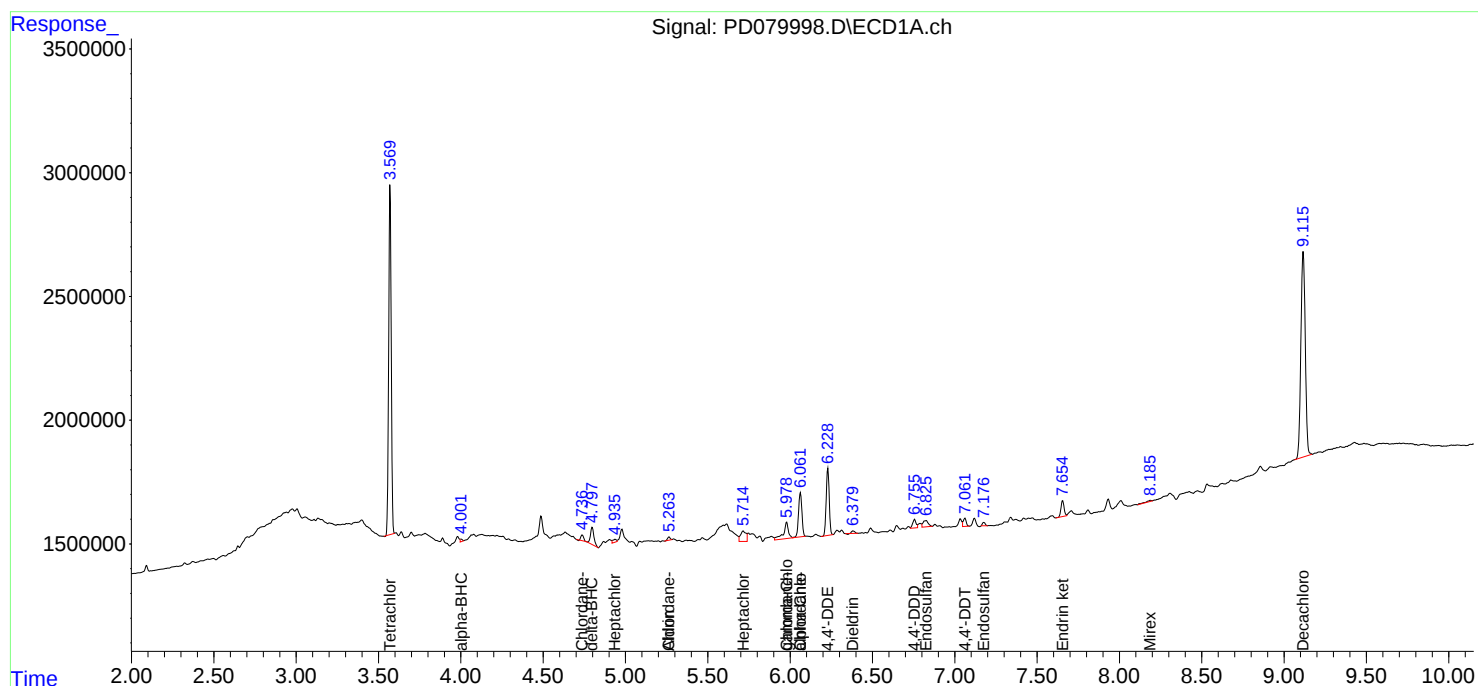
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

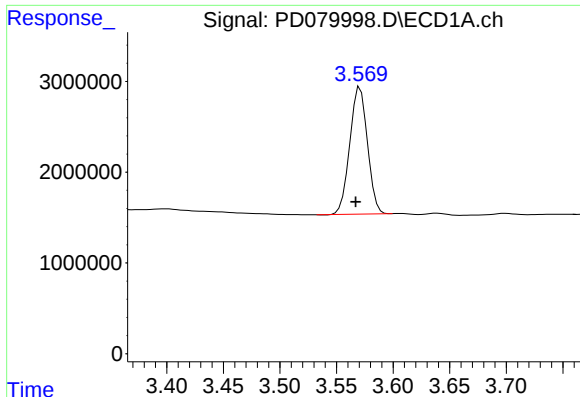
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120723\
Data File : PD079998.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Dec 2023 10:11
Operator : AR\AJ
Sample : 05600-03RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 07 20:42:18 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

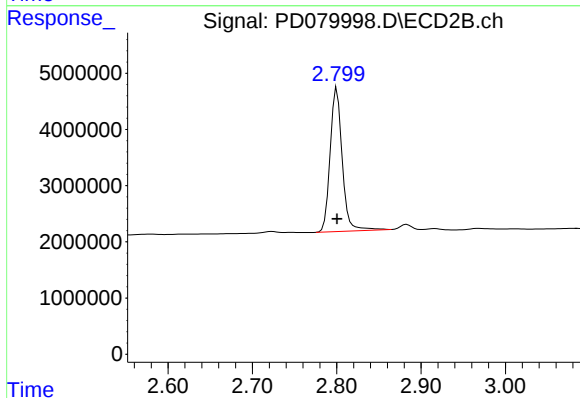




#1 Tetrachloro-m-xylene

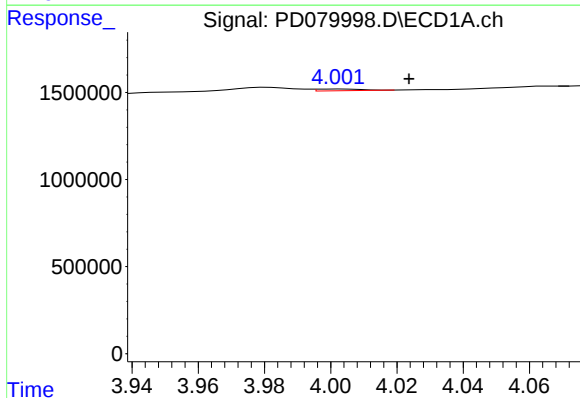
R.T.: 3.571 min
Delta R.T.: 0.004 min
Response: 15205892
Conc: 10.09 ng/ml

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



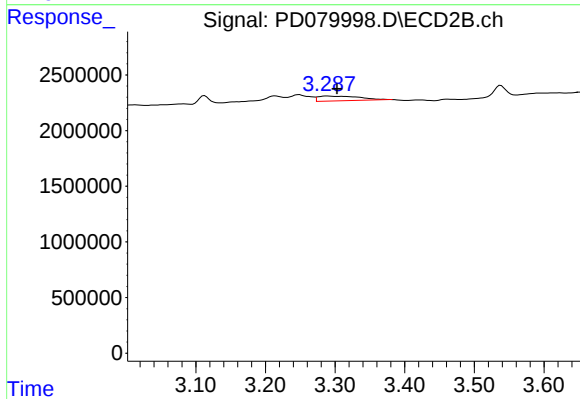
#1 Tetrachloro-m-xylene

R.T.: 2.800 min
Delta R.T.: 0.000 min
Response: 25466749
Conc: 10.13 ng/ml



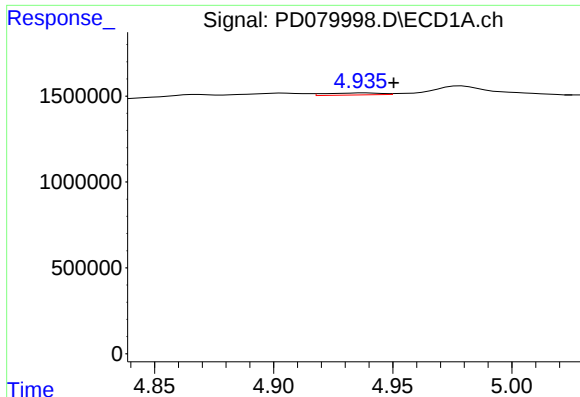
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: -0.021 min
Response: 96687
Conc: 0.04 ng/ml



#2 alpha-BHC

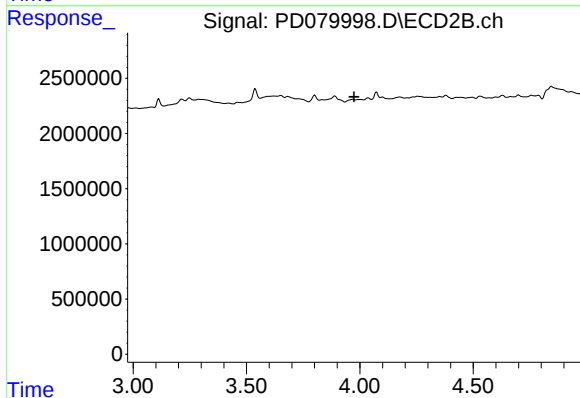
R.T.: 3.289 min
Delta R.T.: -0.014 min
Response: 1809929
Conc: 0.47 ng/ml



#4 Heptachlor

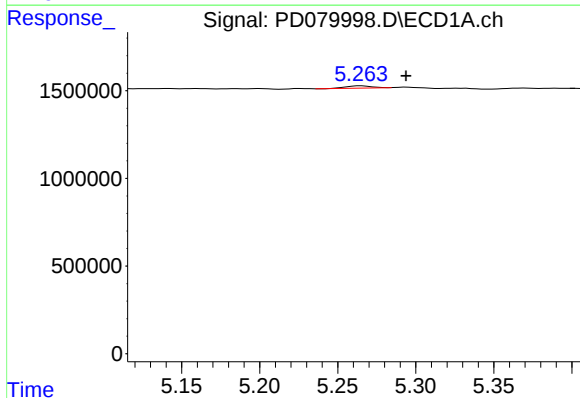
R.T.: 4.938 min
Delta R.T.: -0.013 min
Response: 186025
Conc: 0.08 ng/ml

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



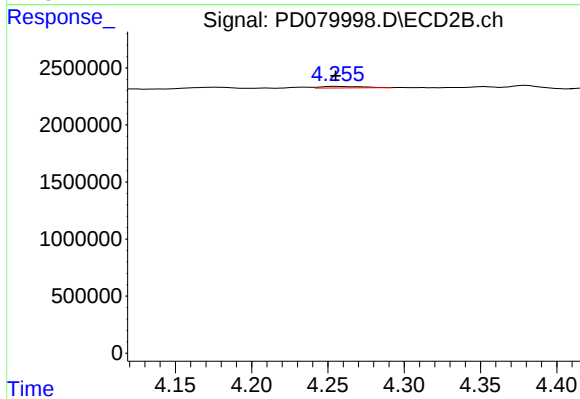
#4 Heptachlor

R.T.: 3.969 min
Delta R.T.: -0.006 min
Response: -32486
Conc: N.D.



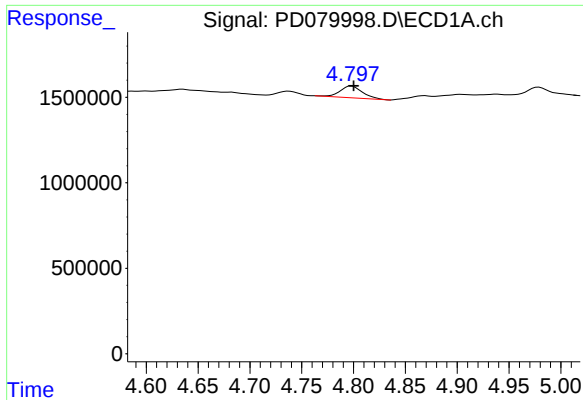
#5 Aldrin

R.T.: 5.265 min
Delta R.T.: -0.029 min
Response: 140625
Conc: 0.06 ng/ml



#5 Aldrin

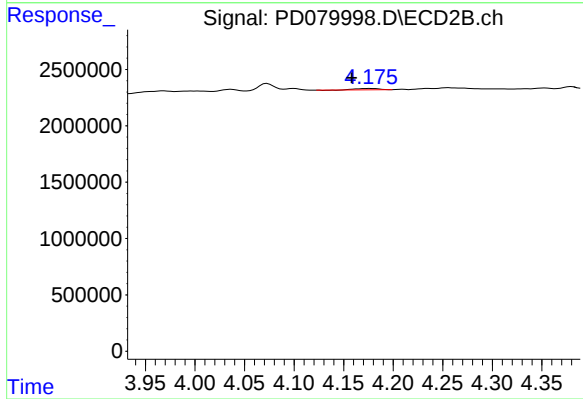
R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 233584
Conc: 0.07 ng/ml



#7 delta-BHC

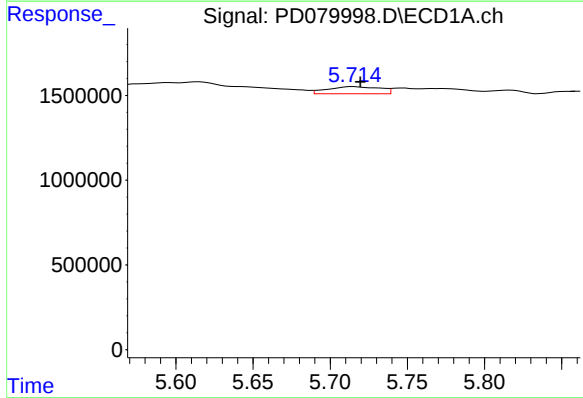
R.T.: 4.798 min
Delta R.T.: -0.002 min
Response: 1047879
Conc: 0.43 ng/ml

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



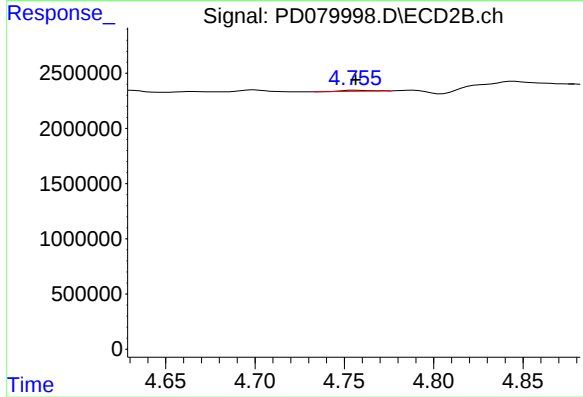
#7 delta-BHC

R.T.: 4.176 min
Delta R.T.: 0.018 min
Response: 178797
Conc: 0.05 ng/ml



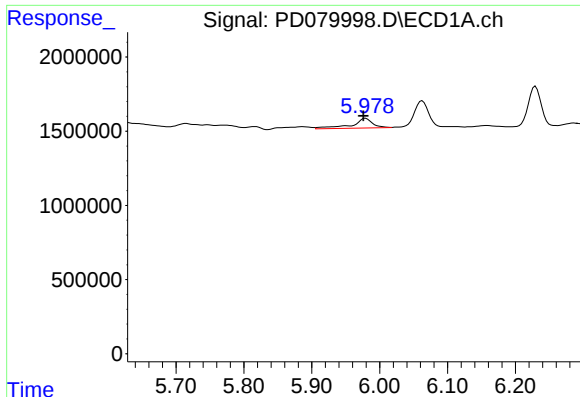
#8 Heptachlor epoxide

R.T.: 5.715 min
Delta R.T.: -0.004 min
Response: 975775
Conc: 0.44 ng/ml



#8 Heptachlor epoxide

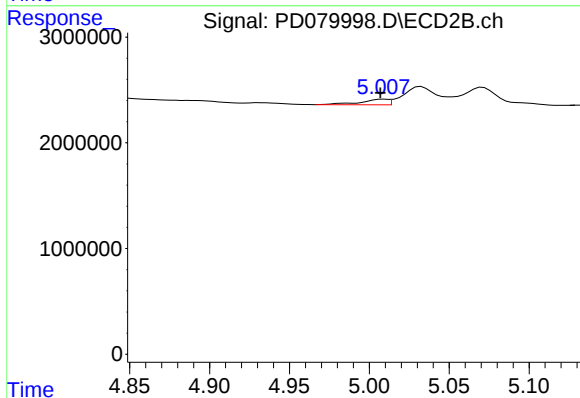
R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 89856
Conc: 0.03 ng/ml



#10 gamma-Chlordane

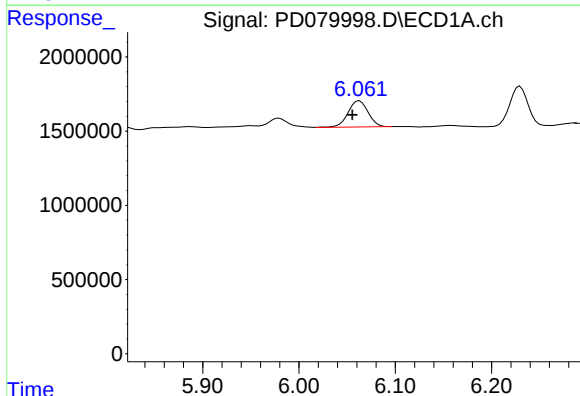
R.T.: 5.979 min
Delta R.T.: 0.003 min
Response: 1403388
Conc: 0.64 ng/ml

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



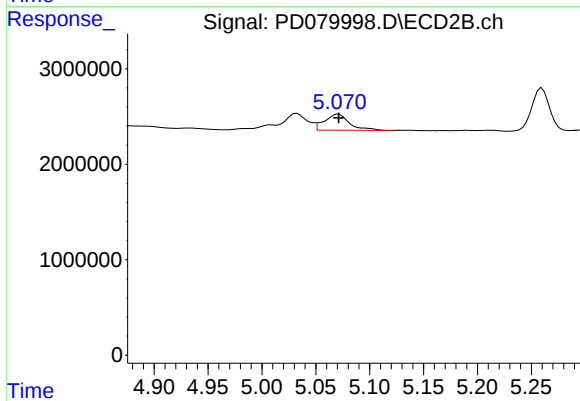
#10 gamma-Chlordane

R.T.: 5.009 min
Delta R.T.: 0.002 min
Response: 647257
Conc: 0.20 ng/ml



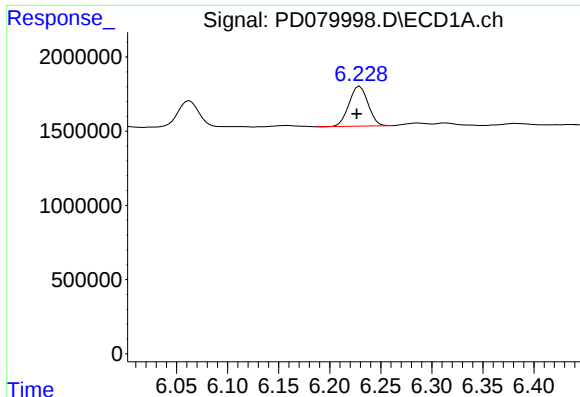
#11 alpha-Chlordane

R.T.: 6.063 min
Delta R.T.: 0.007 min
Response: 2541361
Conc: 1.18 ng/ml



#11 alpha-Chlordane

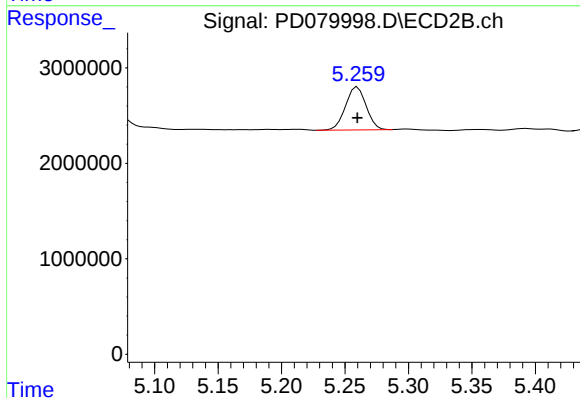
R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 2738316
Conc: 0.85 ng/ml



#12 4,4'-DDE

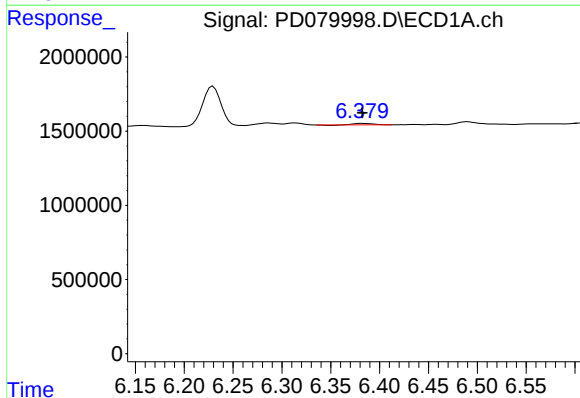
R.T.: 6.229 min
Delta R.T.: 0.003 min
Response: 3465504
Conc: 1.73 ng/ml

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



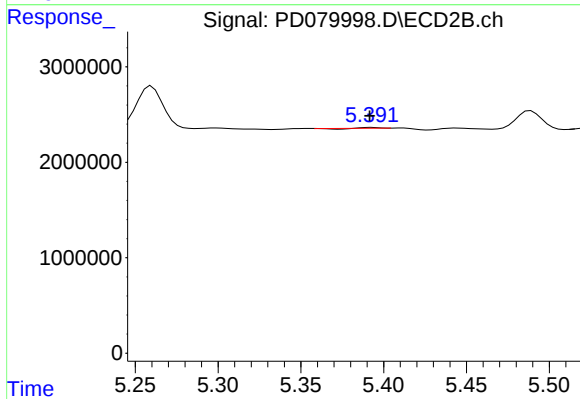
#12 4,4'-DDE

R.T.: 5.260 min
Delta R.T.: 0.000 min
Response: 5075534
Conc: 1.68 ng/ml



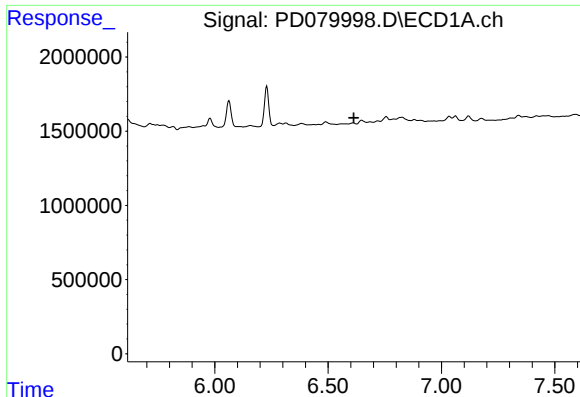
#13 Dieldrin

R.T.: 6.381 min
Delta R.T.: -0.002 min
Response: 120054
Conc: 0.06 ng/ml



#13 Dieldrin

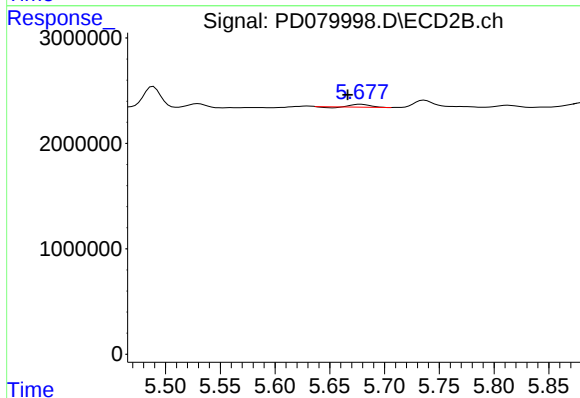
R.T.: 5.393 min
Delta R.T.: 0.001 min
Response: 2088
Conc: 0.00 ng/ml



#14 Endrin

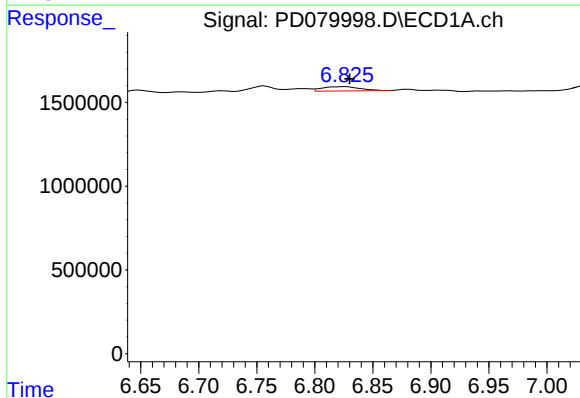
R.T.: 0.000 min
Exp R.T.: 6.613 min
Response: 0
Conc: N.D.

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



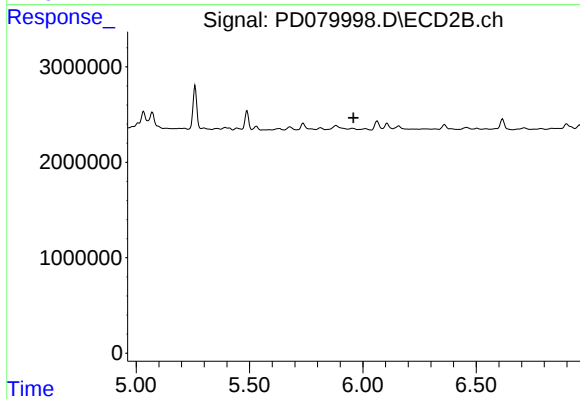
#14 Endrin

R.T.: 5.678 min
Delta R.T.: 0.012 min
Response: 272881
Conc: 0.10 ng/ml



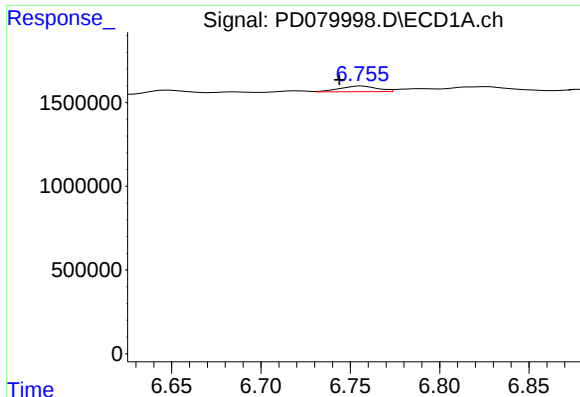
#15 Endosulfan II

R.T.: 6.827 min
Delta R.T.: -0.003 min
Response: 575235
Conc: 0.30 ng/ml



#15 Endosulfan II

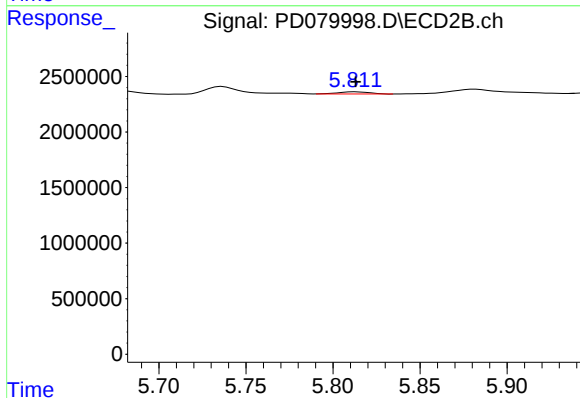
R.T.: 0.000 min
Exp R.T.: 5.959 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

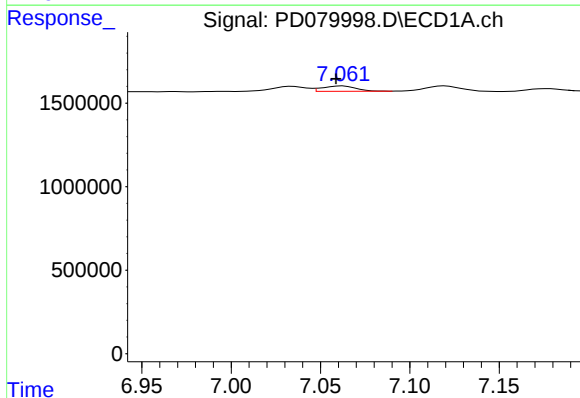
R.T.: 6.757 min
Delta R.T.: 0.013 min
Response: 489104
Conc: 0.29 ng/ml

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



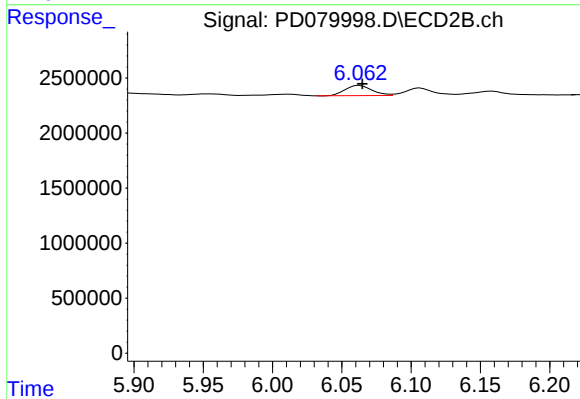
#16 4,4'-DDD

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 242421
Conc: 0.09 ng/ml



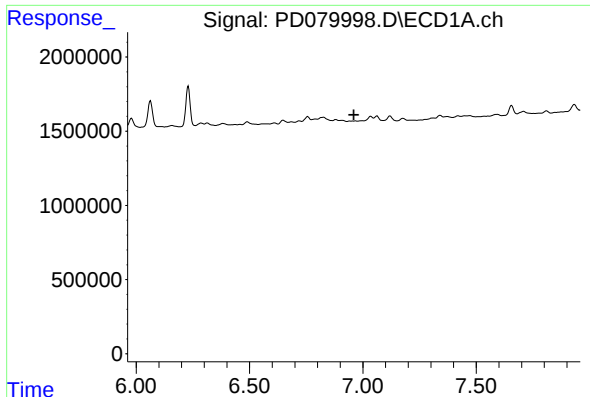
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: 0.004 min
Response: 416631
Conc: 0.23 ng/ml



#17 4,4'-DDT

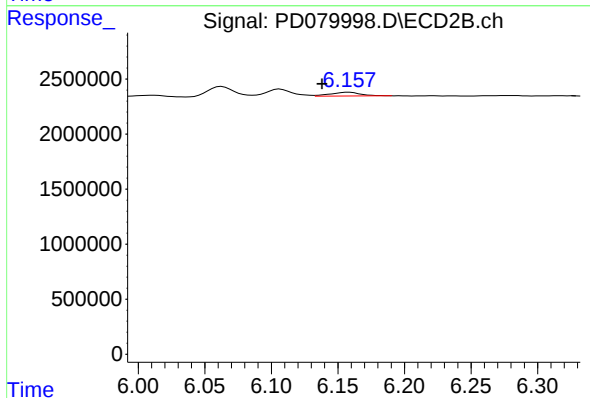
R.T.: 6.063 min
Delta R.T.: -0.002 min
Response: 1232309
Conc: 0.49 ng/ml



#18 Endrin aldehyde

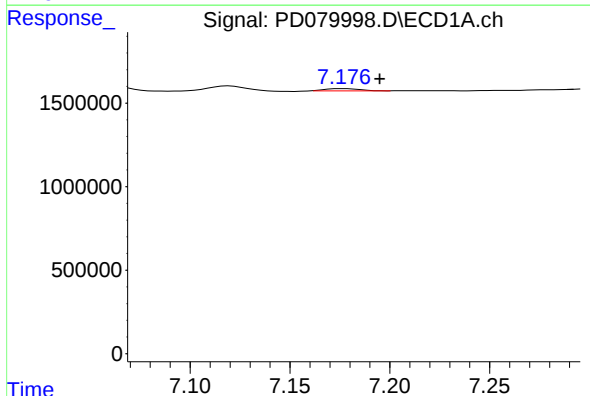
R.T.: 0.000 min
Exp R.T.: 6.960 min
Response: 0
Conc: N.D.

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



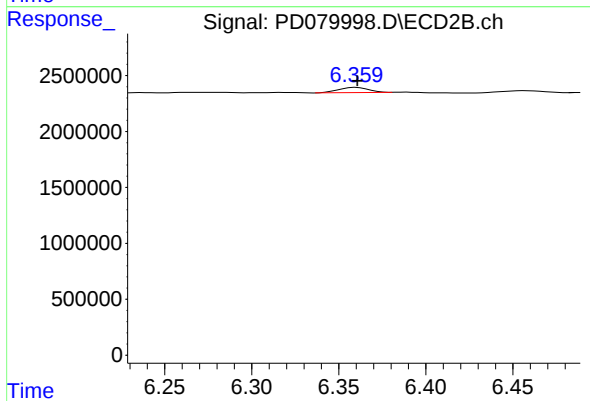
#18 Endrin aldehyde

R.T.: 6.158 min
Delta R.T.: 0.020 min
Response: 534613
Conc: 0.26 ng/ml



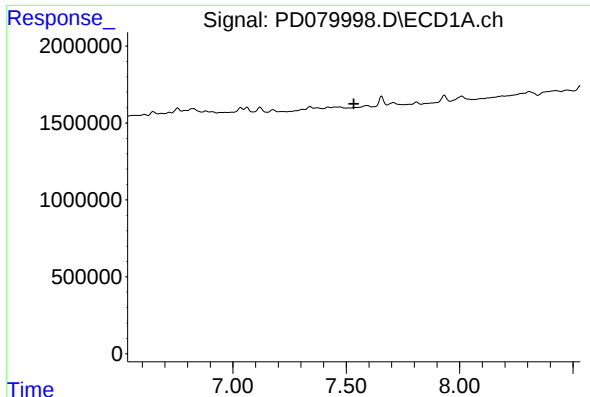
#19 Endosulfan Sulfate

R.T.: 7.177 min
Delta R.T.: -0.018 min
Response: 158647
Conc: 0.08 ng/ml



#19 Endosulfan Sulfate

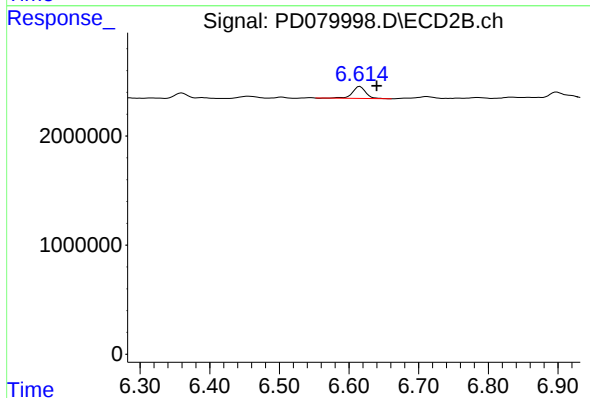
R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 555416
Conc: 0.21 ng/ml



#20 Methoxychlor

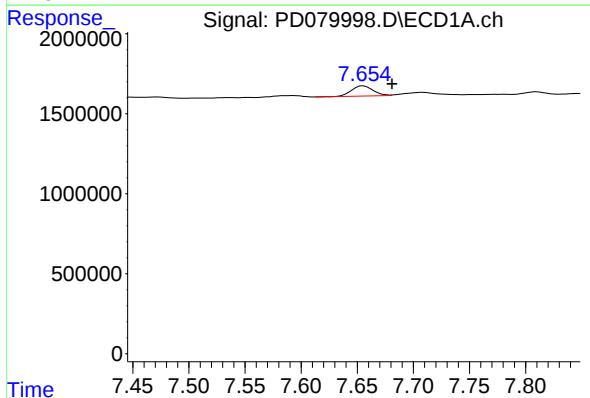
R.T.: 0.000 min
Exp R.T.: 7.533 min
Response: 0
Conc: N.D.

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



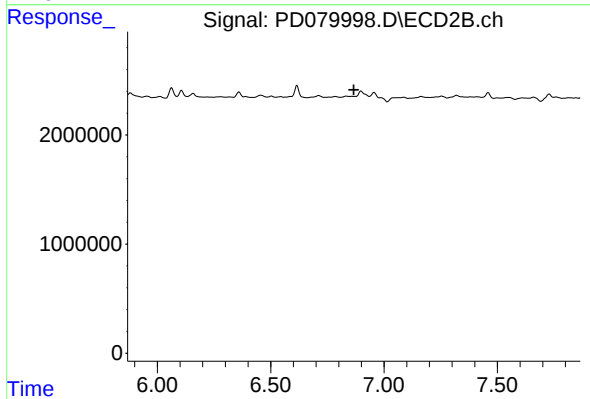
#20 Methoxychlor

R.T.: 6.616 min
Delta R.T.: -0.024 min
Response: 1475140
Conc: 1.01 ng/ml



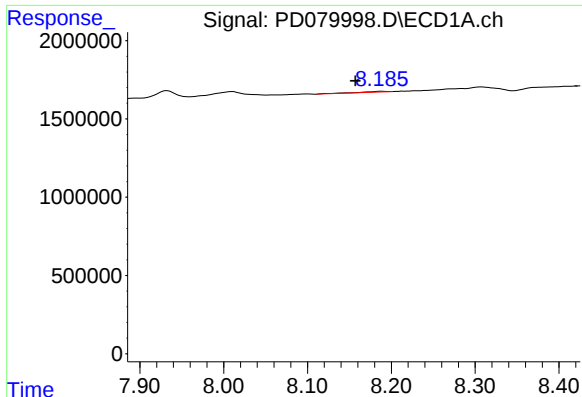
#21 Endrin ketone

R.T.: 7.656 min
Delta R.T.: -0.026 min
Response: 845094
Conc: 0.41 ng/ml



#21 Endrin ketone

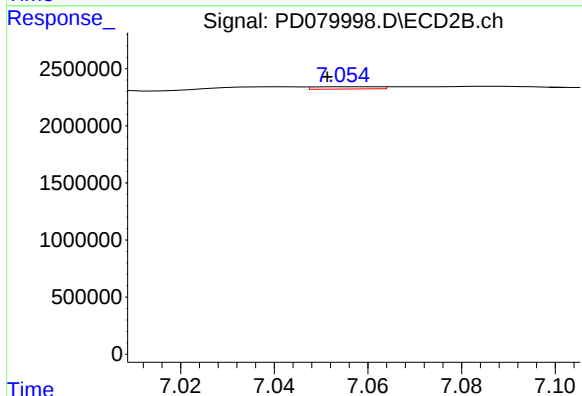
R.T.: 0.000 min
Exp R.T.: 6.867 min
Response: 0
Conc: N.D.



#22 Mirex

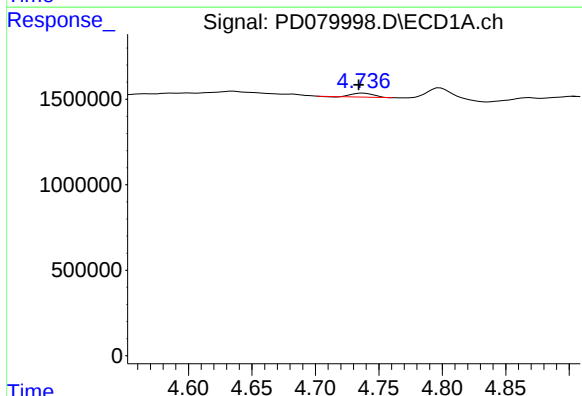
R.T.: 8.188 min
Delta R.T.: 0.031 min
Response: 114631
Conc: 0.07 ng/ml

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



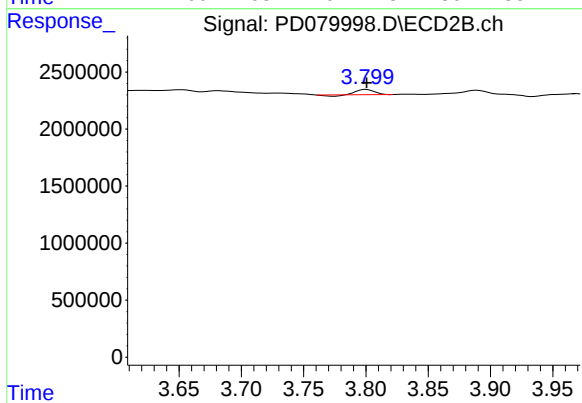
#22 Mirex

R.T.: 7.056 min
Delta R.T.: 0.004 min
Response: 187633
Conc: 0.08 ng/ml



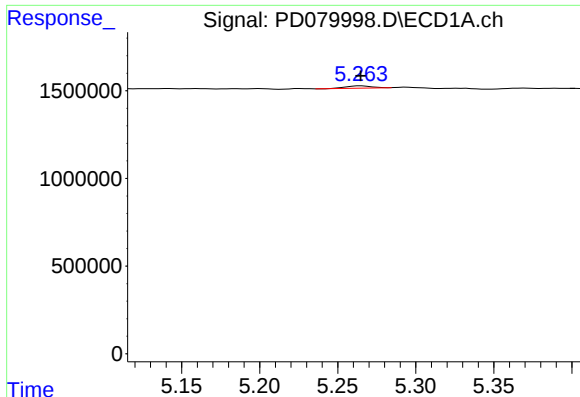
#23 Chlordane-1

R.T.: 4.737 min
Delta R.T.: 0.003 min
Response: 259389
Conc: 3.48 ng/ml



#23 Chlordane-1

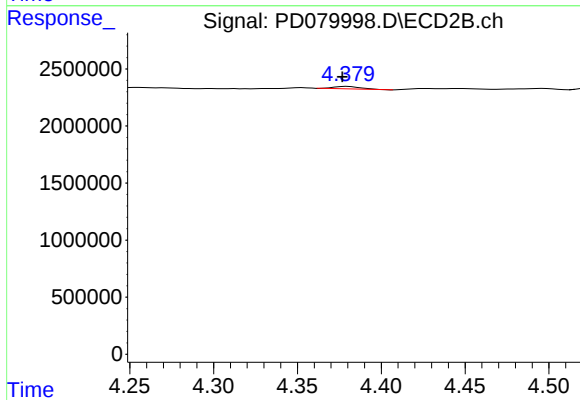
R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 424018
Conc: 4.40 ng/ml



#24 Chlordane-2

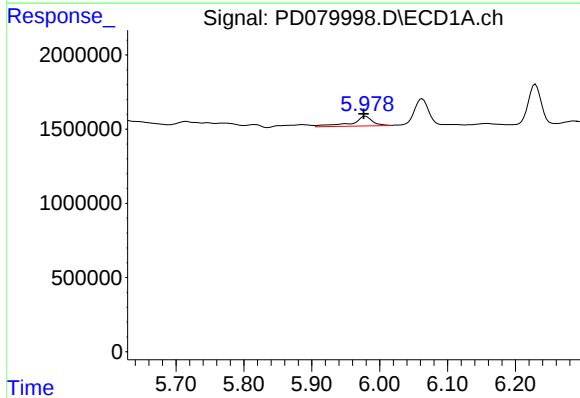
R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 140625
Conc: 1.84 ng/ml

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



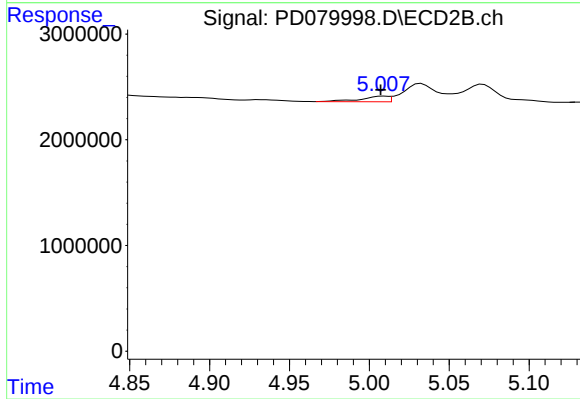
#24 Chlordane-2

R.T.: 4.380 min
Delta R.T.: 0.003 min
Response: 249018
Conc: 2.18 ng/ml



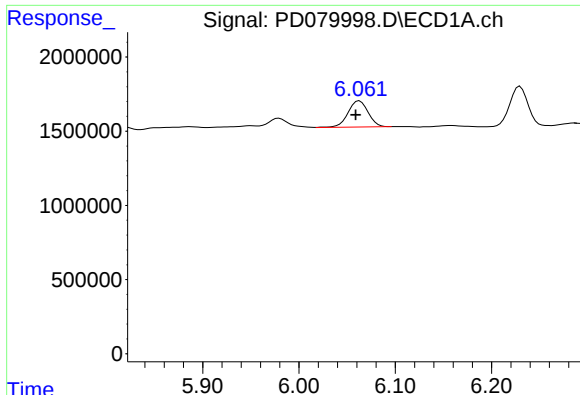
#25 Chlordane-3

R.T.: 5.979 min
Delta R.T.: 0.003 min
Response: 1403388
Conc: 4.65 ng/ml



#25 Chlordane-3

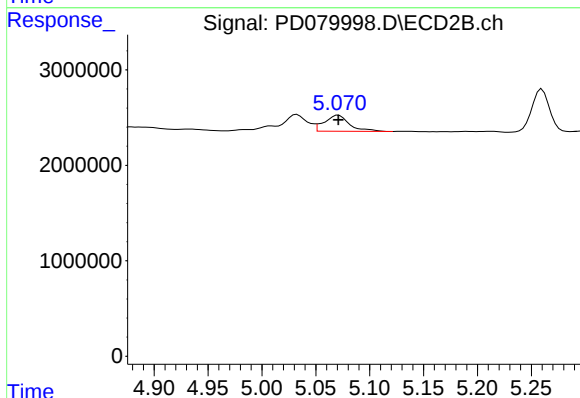
R.T.: 5.009 min
Delta R.T.: 0.002 min
Response: 647257
Conc: 2.05 ng/ml



#26 Chlordane-4

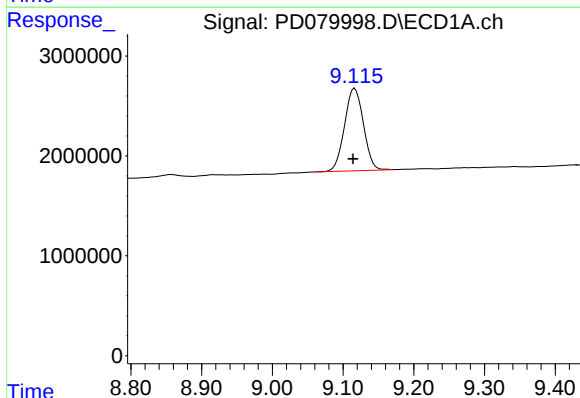
R.T.: 6.063 min
Delta R.T.: 0.004 min
Response: 2541361
Conc: 7.02 ng/ml

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



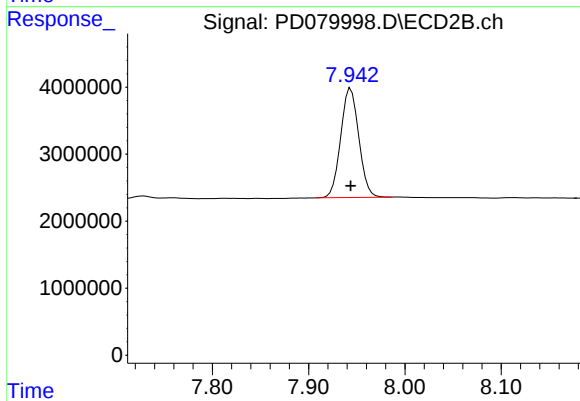
#26 Chlordane-4

R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 2738316
Conc: 9.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.117 min
Delta R.T.: 0.002 min
Response: 15386693
Conc: 7.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.944 min
Delta R.T.: 0.000 min
Response: 21235762
Conc: 7.53 ng/ml