

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120723\
 Data File : PD080000.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Dec 2023 10:43
 Operator : AR\AJ
 Sample : 05600-05RE
 Misc :
 ALS Vial : 6 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 07 20:43:06 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...	3.572	2.799	18911685	31051144	12.548	12.352
2)	SA Decachlor...	9.119	7.943	21503896	29544353	10.623	10.481
Target Compounds							
2)	A alpha-BHC	0.000	3.315	0	265707	N.D.	0.069 #
3)	MA gamma-BHC...	0.000	3.649f	0	282747	N.D.	0.078 #
4)	MA Heptachlor	4.941	3.972	439258	23184	0.179	0.007 #
5)	MB Aldrin	5.265f	4.252	323085	294450	0.136	0.083 #
7)	B delta-BHC	4.799	0.000	1165832	0	0.476	N.D. #
8)	B Heptachlo...	5.716	4.759	2116279	1011739	0.961	0.309 #
10)	B gamma-Chl...	5.981	5.007	1031791	976412	0.474	0.303 #
11)	B alpha-Chl...	6.064	5.070	2308061	2460021	1.070	0.765 #
12)	B 4,4'-DDE	6.231	5.259	2835869	4496934	1.414	1.492
13)	MA Dieldrin	6.383	0.000	187651	0	0.086	N.D. #
14)	MA Endrin	0.000	5.677	0	380358	N.D.	0.135 #
15)	B Endosulfa...	6.826	0.000	615207	0	0.323	N.D. #
16)	A 4,4'-DDD	6.759	5.812	508651	278136	0.304	0.108 #
17)	MA 4,4'-DDT	7.063	6.061	337479	1025811	0.190	0.404 #
18)	B Endrin al...	0.000	6.156f	0	568048	N.D.	0.277 #
19)	B Endosulfa...	7.179f	6.359	209122	437605	0.110	0.163 #
20)	A Methoxychlor	0.000	6.615f	0	1273527	N.D.	0.871 #
21)	B Endrin ke...	7.657f	0.000	749453	0	0.362	N.D. #
22)	Mirex	0.000	7.044	0	540351	N.D.	0.223 #
23)	Chlordane-1	4.738	3.799	261752	594110	3.514	6.171 #
24)	Chlordane-2	5.265	4.352f	323085	90123	4.227	0.788 #
25)	Chlordane-3	5.981	5.007	1031791	976412	3.418	3.099
26)	Chlordane-4	6.064	5.070	2308061	2460021	6.373	8.361 #

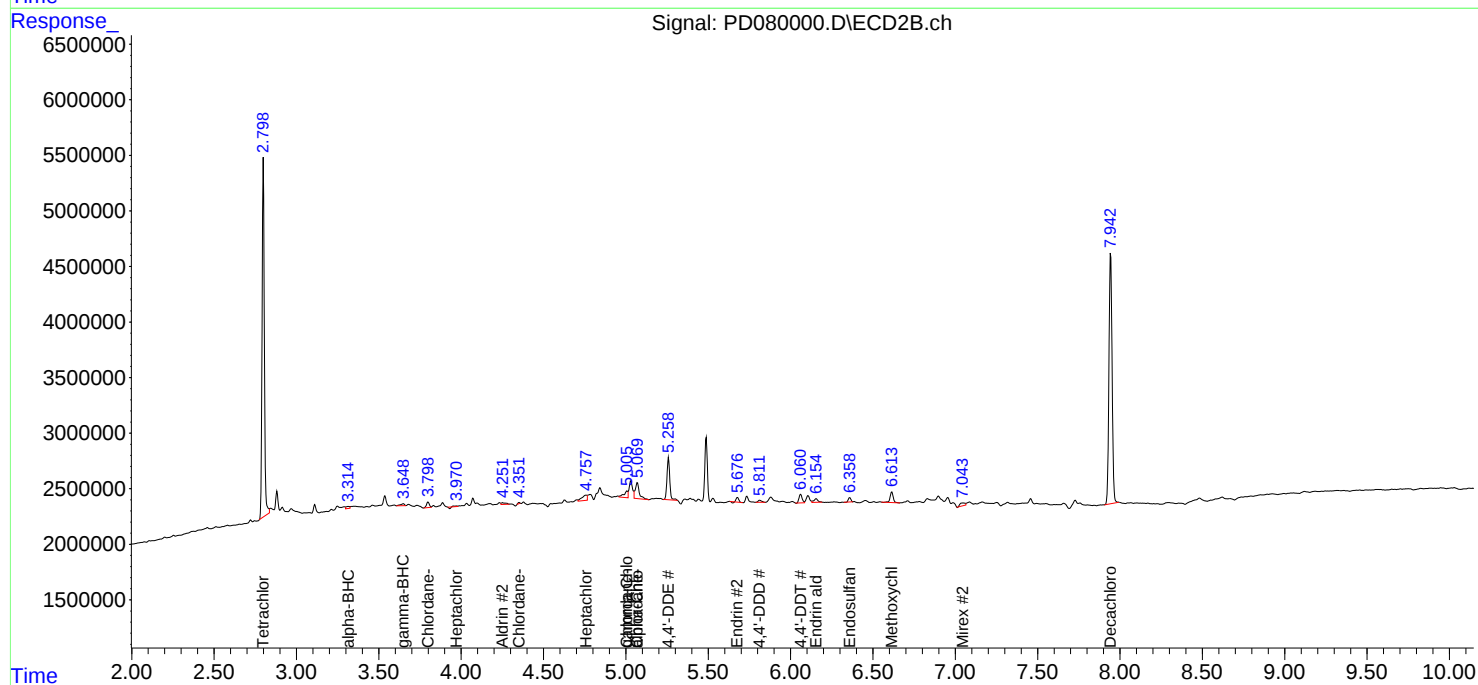
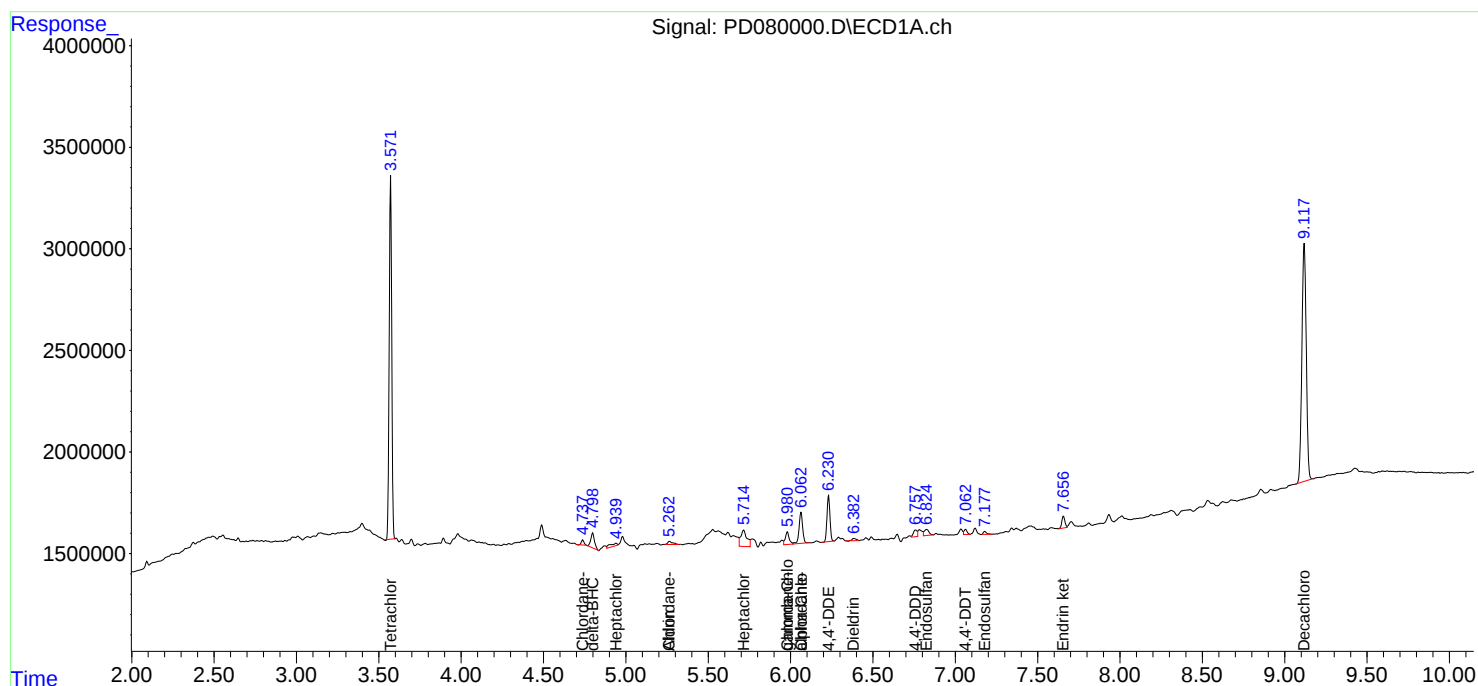
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

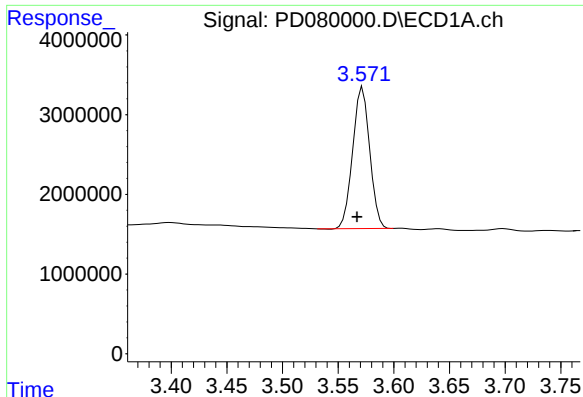
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120723\
Data File : PD080000.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Dec 2023 10:43
Operator : AR\AJ
Sample : 05600-05RE
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 07 20:43:06 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120623.M
Quant Title : GC Extractables
QLast Update : Wed Dec 06 14:11:45 2023
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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

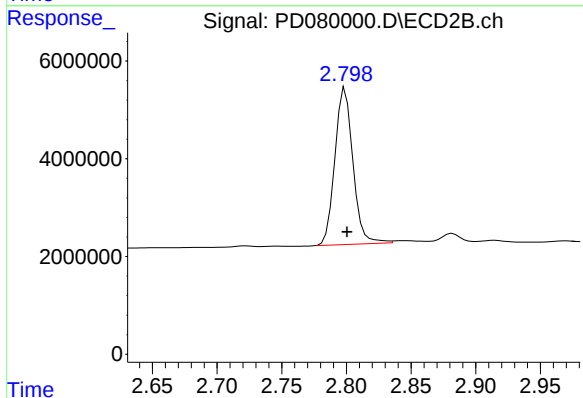




#1 Tetrachloro-m-xylene

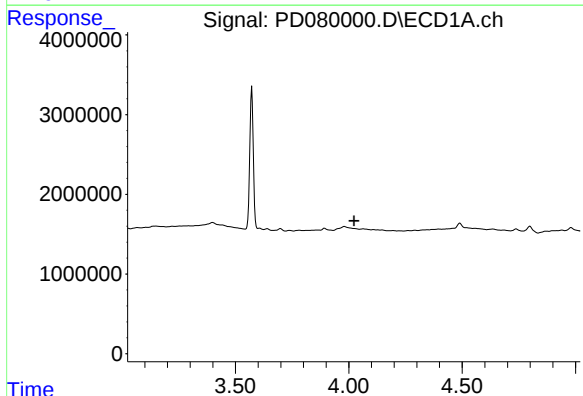
R.T.: 3.572 min
Delta R.T.: 0.005 min
Response: 18911685
Conc: 12.55 ng/ml

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



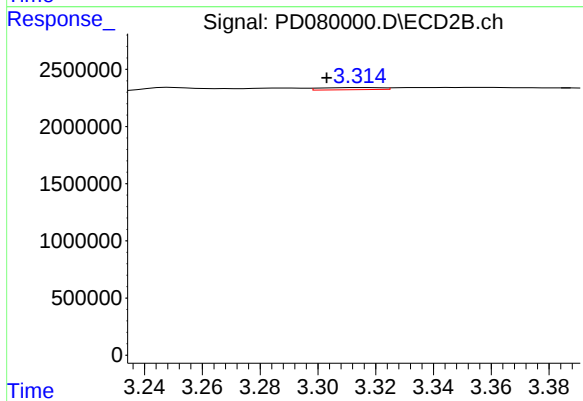
#1 Tetrachloro-m-xylene

R.T.: 2.799 min
Delta R.T.: -0.001 min
Response: 31051144
Conc: 12.35 ng/ml



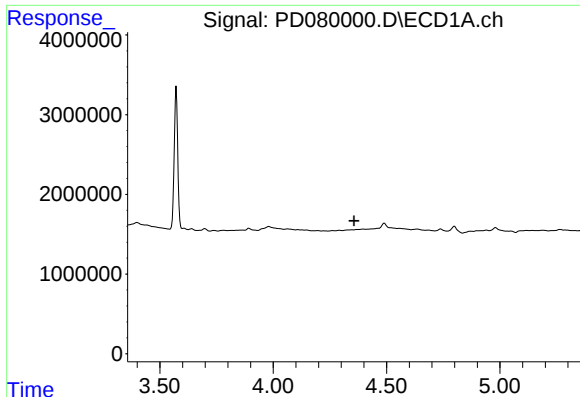
#2 alpha-BHC

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



#2 alpha-BHC

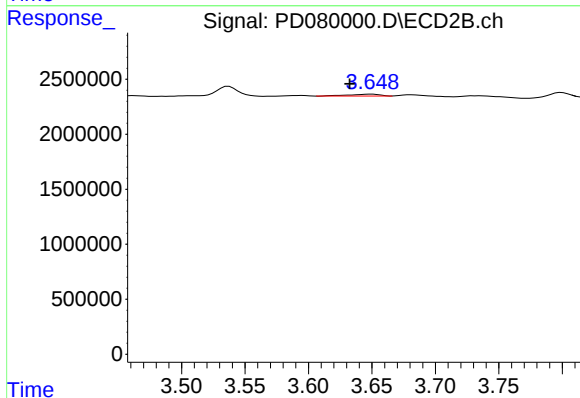
R.T.: 3.315 min
Delta R.T.: 0.012 min
Response: 265707
Conc: 0.07 ng/ml



#3 gamma-BHC (Lindane)

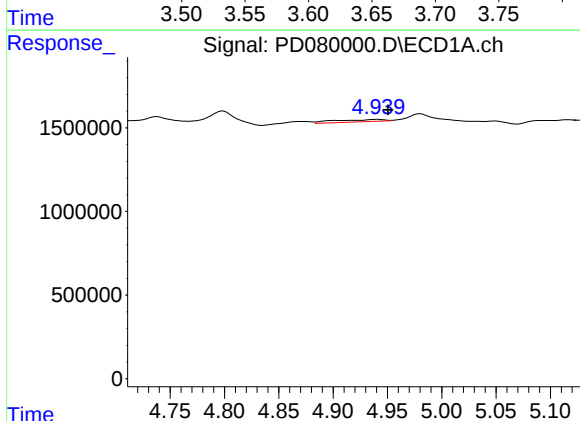
R.T.: 0.000 min
Exp R.T.: 4.357 min
Response: 0
Conc: N.D.

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



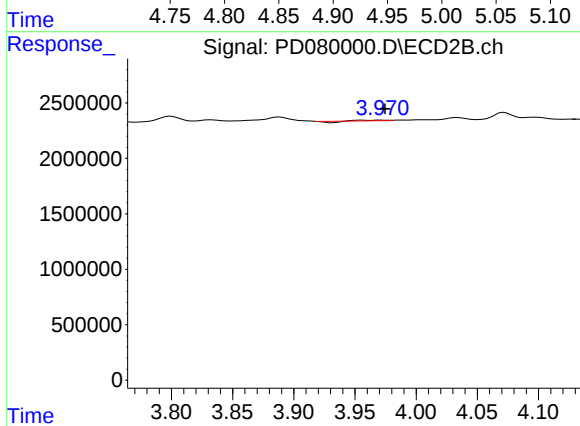
#3 gamma-BHC (Lindane)

R.T.: 3.649 min
Delta R.T.: 0.017 min
Response: 282747
Conc: 0.08 ng/ml



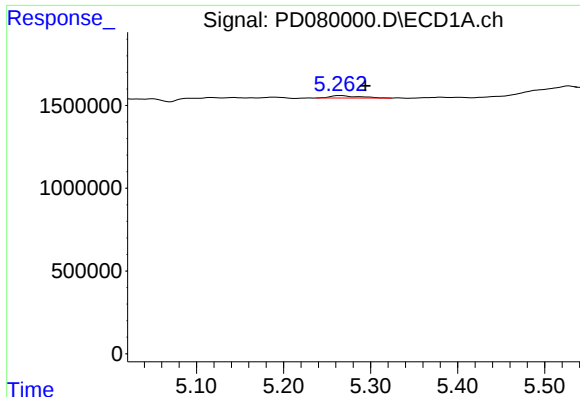
#4 Heptachlor

R.T.: 4.941 min
Delta R.T.: -0.010 min
Response: 439258
Conc: 0.18 ng/ml



#4 Heptachlor

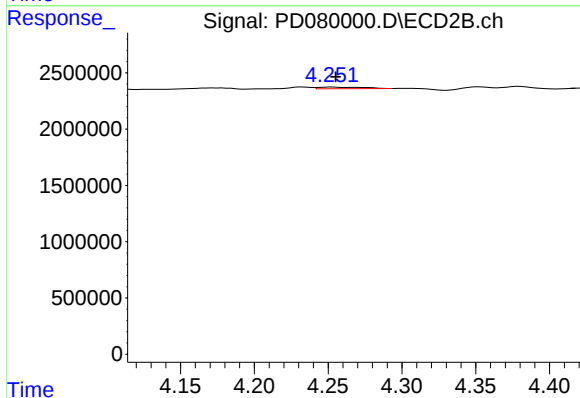
R.T.: 3.972 min
Delta R.T.: -0.003 min
Response: 23184
Conc: 0.01 ng/ml



#5 Aldrin

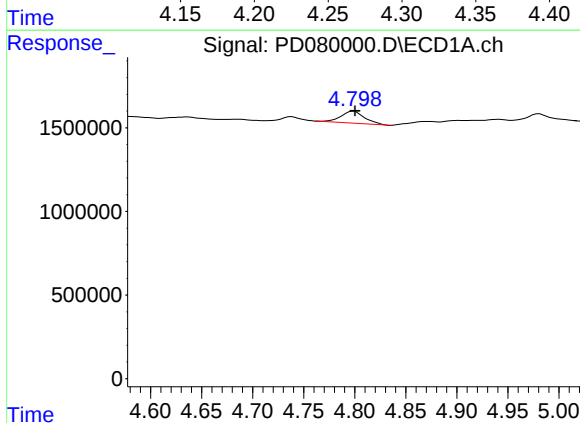
R.T.: 5.265 min
Delta R.T.: -0.029 min
Response: 323085
Conc: 0.14 ng/ml

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



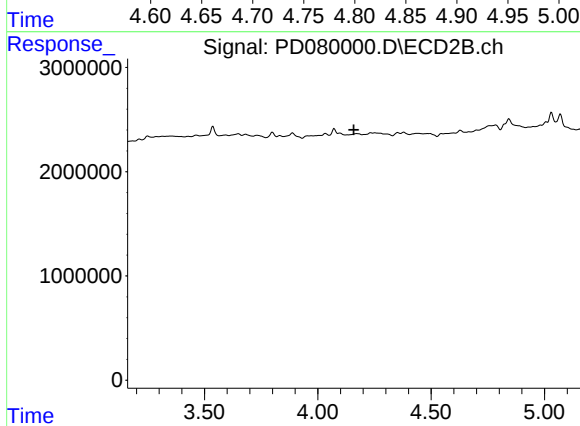
#5 Aldrin

R.T.: 4.252 min
Delta R.T.: -0.003 min
Response: 294450
Conc: 0.08 ng/ml



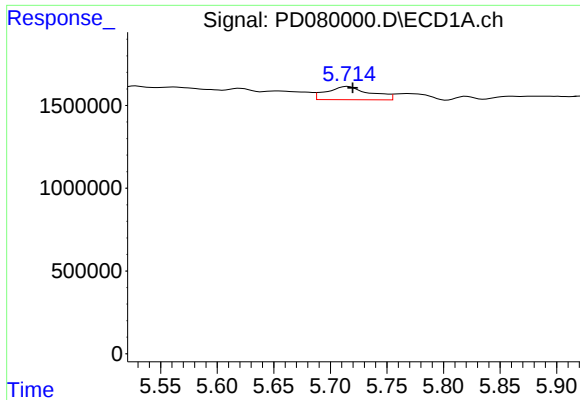
#7 delta-BHC

R.T.: 4.799 min
Delta R.T.: -0.001 min
Response: 1165832
Conc: 0.48 ng/ml



#7 delta-BHC

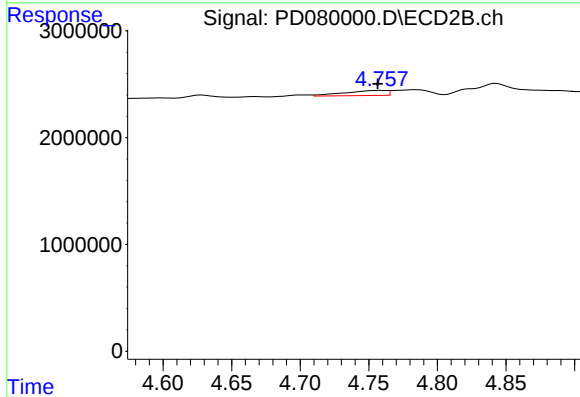
R.T.: 0.000 min
Exp R.T.: 4.158 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

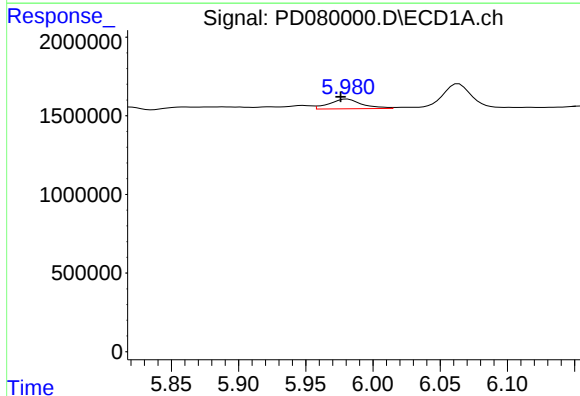
R.T.: 5.716 min
Delta R.T.: -0.004 min
Response: 2116279
Conc: 0.96 ng/ml

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



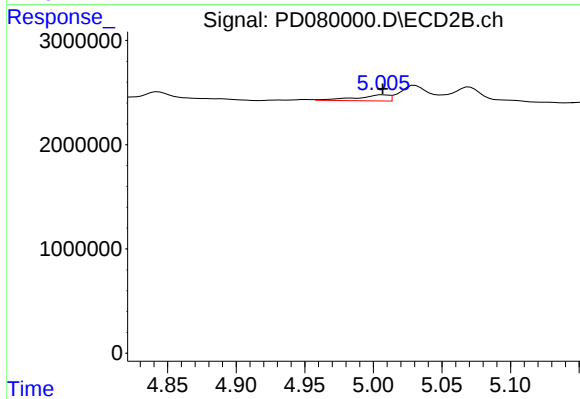
#8 Heptachlor epoxide

R.T.: 4.759 min
Delta R.T.: 0.002 min
Response: 1011739
Conc: 0.31 ng/ml



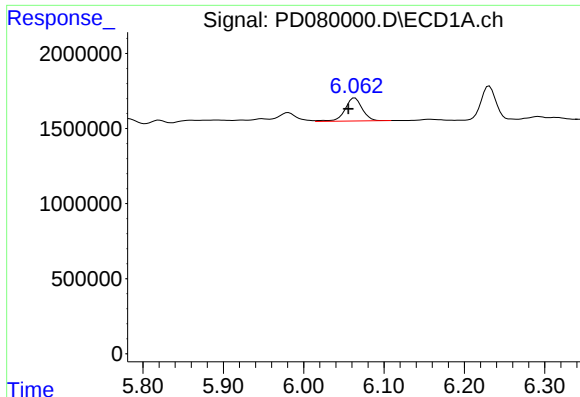
#10 gamma-Chlordane

R.T.: 5.981 min
Delta R.T.: 0.005 min
Response: 1031791
Conc: 0.47 ng/ml



#10 gamma-Chlordane

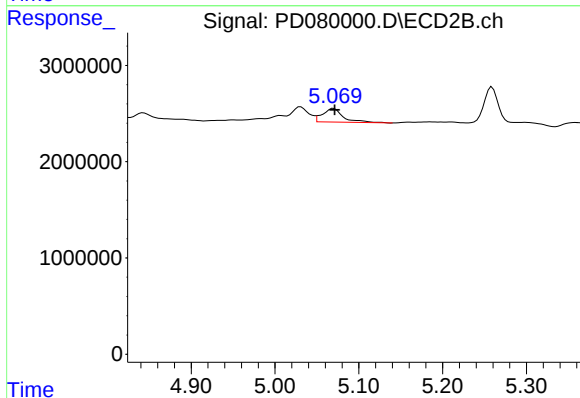
R.T.: 5.007 min
Delta R.T.: 0.000 min
Response: 976412
Conc: 0.30 ng/ml



#11 alpha-Chlordane

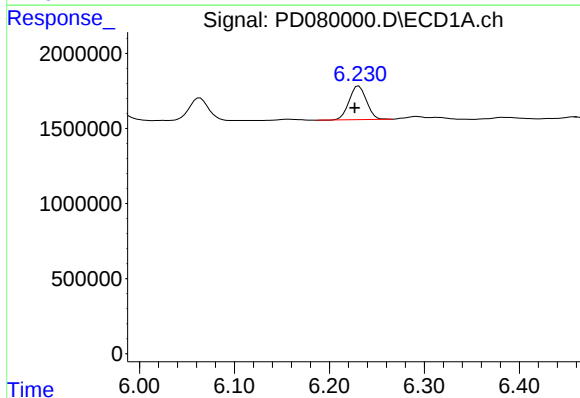
R.T.: 6.064 min
Delta R.T.: 0.008 min
Response: 2308061
Conc: 1.07 ng/ml

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



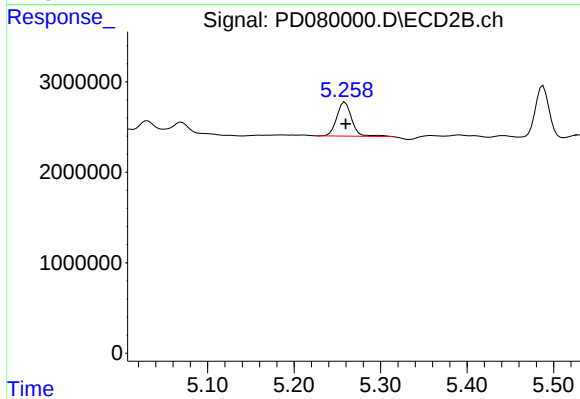
#11 alpha-Chlordane

R.T.: 5.070 min
Delta R.T.: -0.001 min
Response: 2460021
Conc: 0.77 ng/ml



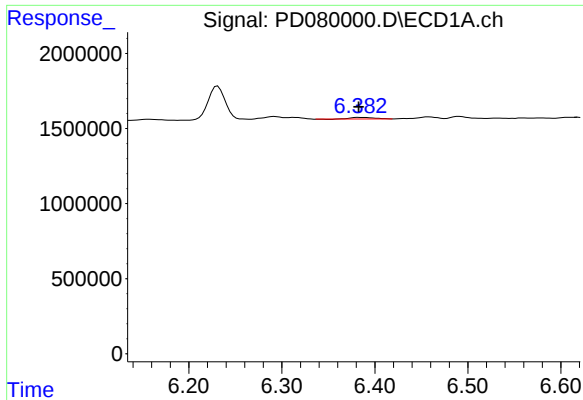
#12 4,4'-DDE

R.T.: 6.231 min
Delta R.T.: 0.004 min
Response: 2835869
Conc: 1.41 ng/ml



#12 4,4'-DDE

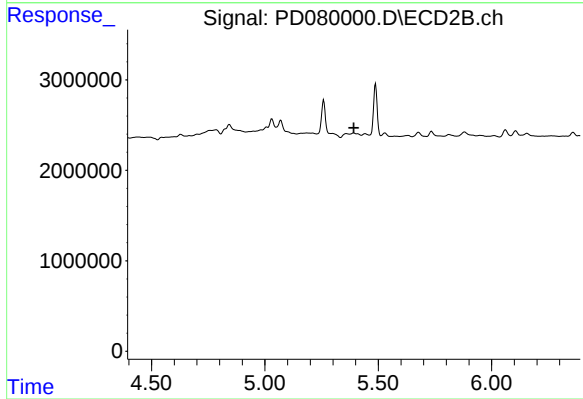
R.T.: 5.259 min
Delta R.T.: 0.000 min
Response: 4496934
Conc: 1.49 ng/ml



#13 Dieldrin

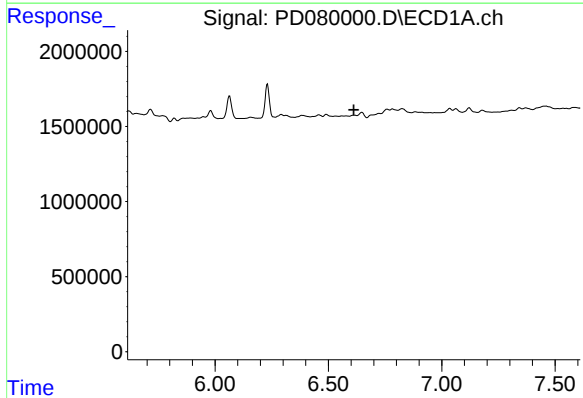
R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 187651
Conc: 0.09 ng/ml

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



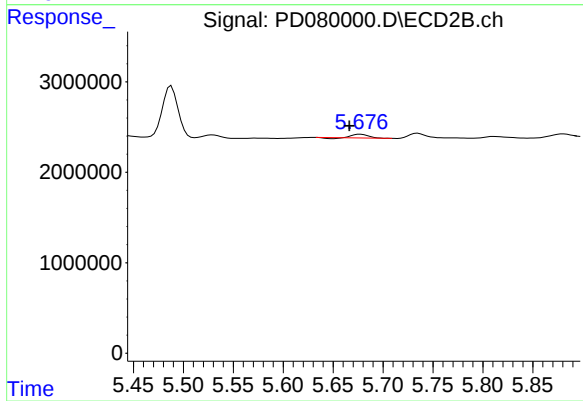
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.392 min
Response: 0
Conc: N.D.



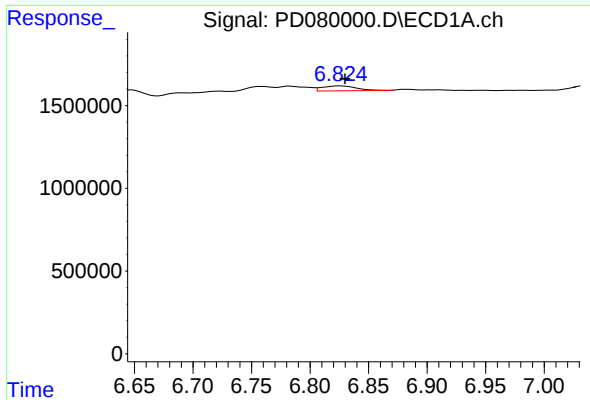
#14 Endrin

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



#14 Endrin

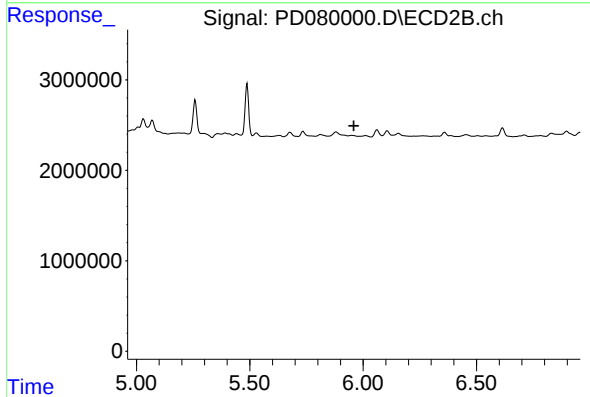
R.T.: 5.677 min
Delta R.T.: 0.011 min
Response: 380358
Conc: 0.14 ng/ml



#15 Endosulfan II

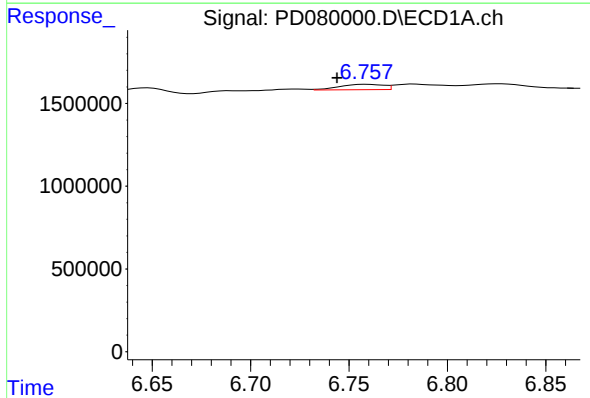
R.T.: 6.826 min
Delta R.T.: -0.004 min
Response: 615207
Conc: 0.32 ng/ml

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



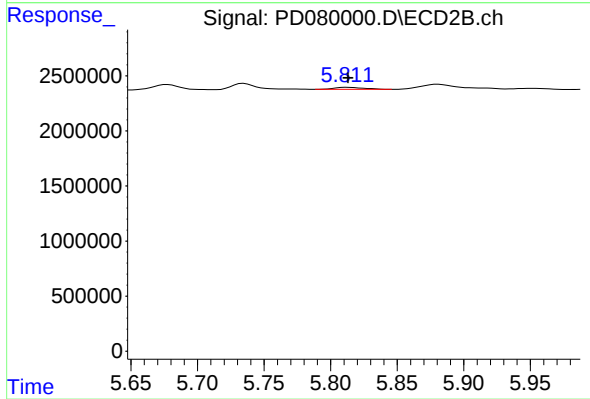
#15 Endosulfan II

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



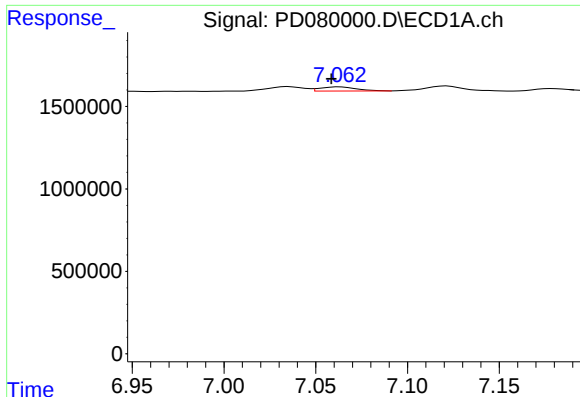
#16 4,4'-DDD

R.T.: 6.759 min
Delta R.T.: 0.015 min
Response: 508651
Conc: 0.30 ng/ml



#16 4,4'-DDD

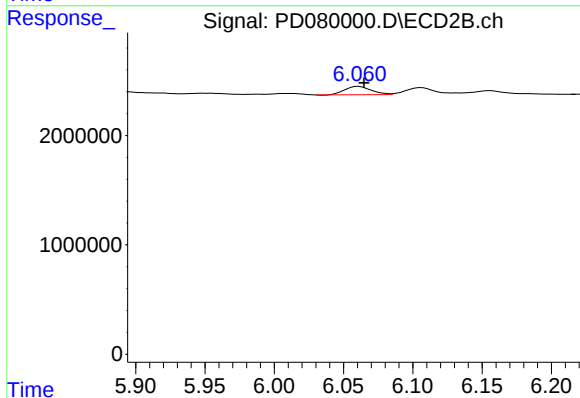
R.T.: 5.812 min
Delta R.T.: -0.001 min
Response: 278136
Conc: 0.11 ng/ml



#17 4,4'-DDT

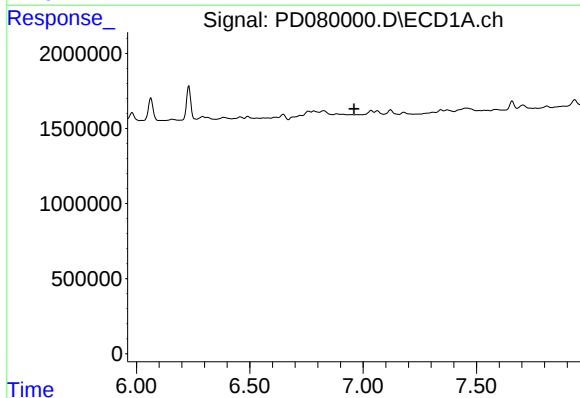
R.T.: 7.063 min
Delta R.T.: 0.004 min
Response: 337479
Conc: 0.19 ng/ml

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



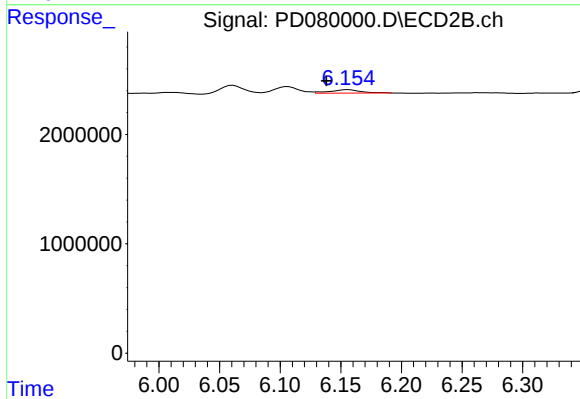
#17 4,4'-DDT

R.T.: 6.061 min
Delta R.T.: -0.004 min
Response: 1025811
Conc: 0.40 ng/ml



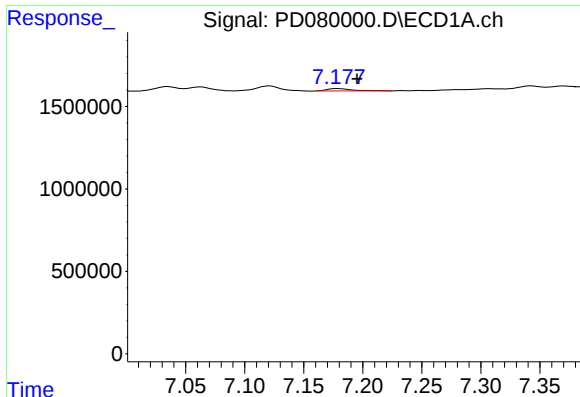
#18 Endrin aldehyde

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



#18 Endrin aldehyde

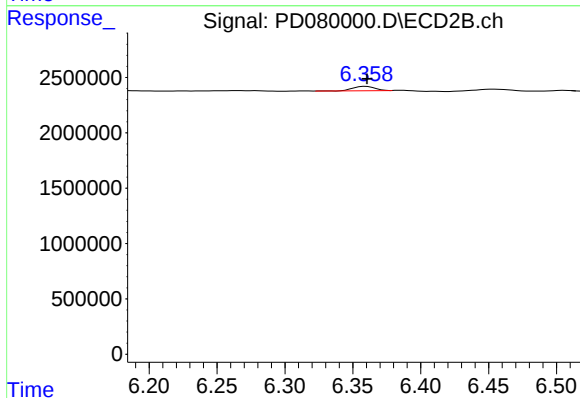
R.T.: 6.156 min
Delta R.T.: 0.018 min
Response: 568048
Conc: 0.28 ng/ml



#19 Endosulfan Sulfate

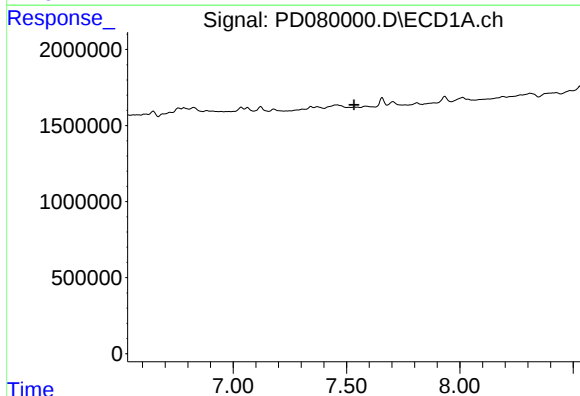
R.T.: 7.179 min
Delta R.T.: -0.016 min
Response: 209122
Conc: 0.11 ng/ml

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



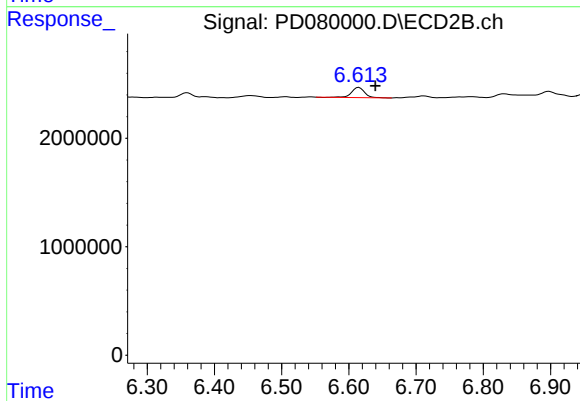
#19 Endosulfan Sulfate

R.T.: 6.359 min
Delta R.T.: -0.001 min
Response: 437605
Conc: 0.16 ng/ml



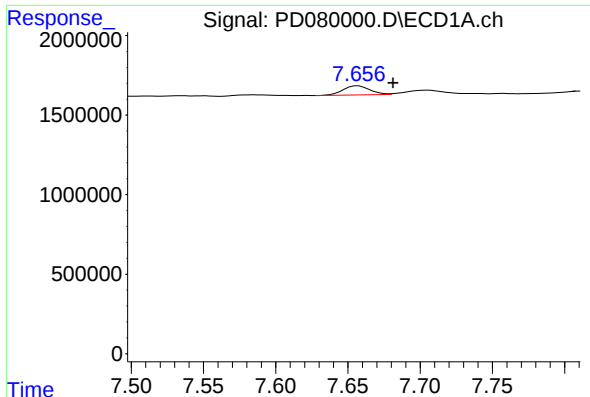
#20 Methoxychlor

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



#20 Methoxychlor

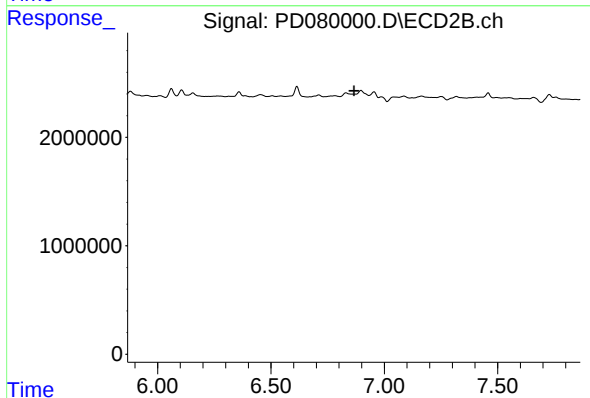
R.T.: 6.615 min
Delta R.T.: -0.025 min
Response: 1273527
Conc: 0.87 ng/ml



#21 Endrin ketone

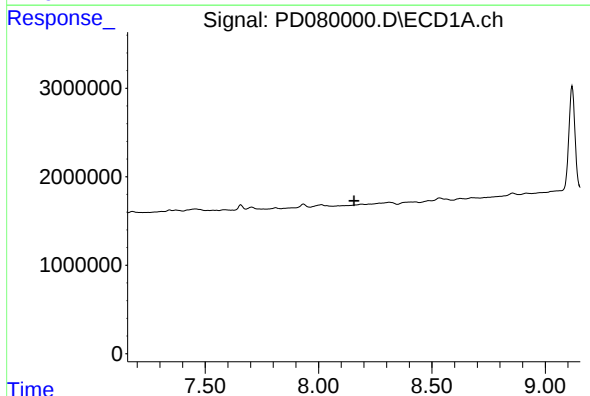
R.T.: 7.657 min
Delta R.T.: -0.024 min
Response: 749453
Conc: 0.36 ng/ml

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



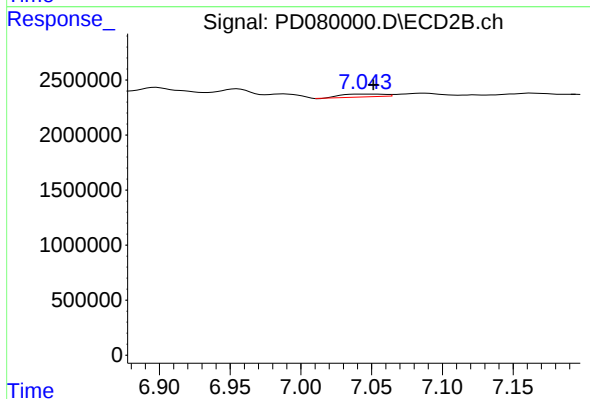
#21 Endrin ketone

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



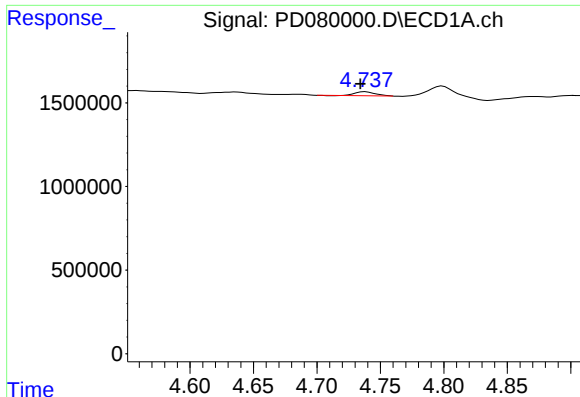
#22 Mirex

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



#22 Mirex

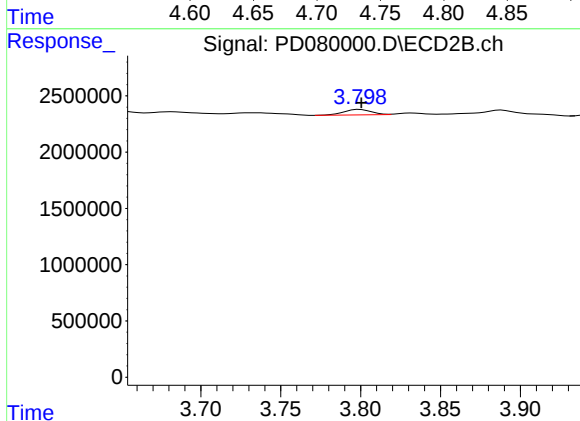
R.T.: 7.044 min
Delta R.T.: -0.007 min
Response: 540351
Conc: 0.22 ng/ml



#23 Chlordane-1

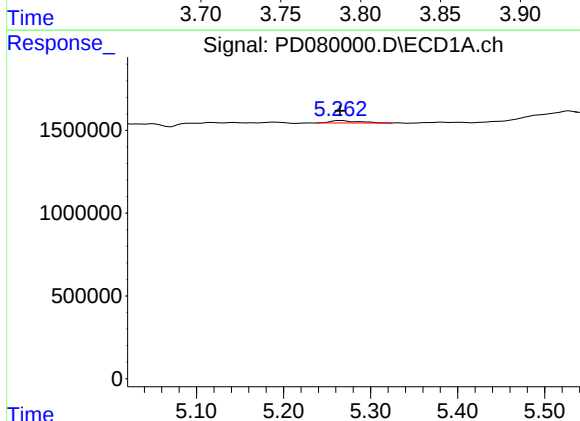
R.T.: 4.738 min
Delta R.T.: 0.004 min
Response: 261752
Conc: 3.51 ng/ml

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



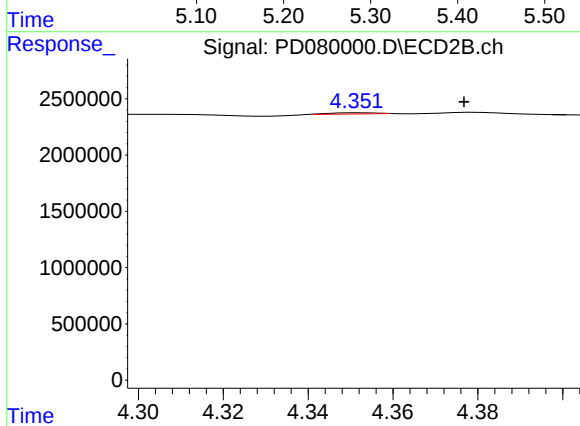
#23 Chlordane-1

R.T.: 3.799 min
Delta R.T.: -0.001 min
Response: 594110
Conc: 6.17 ng/ml



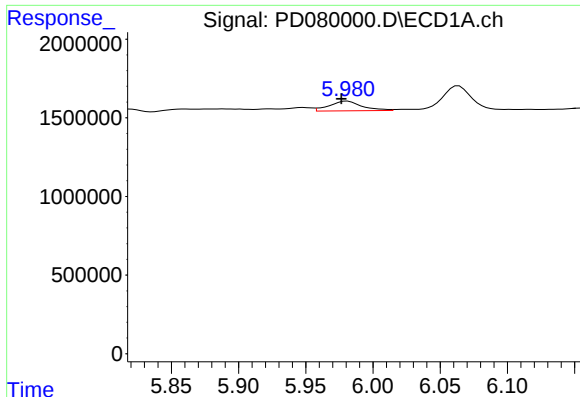
#24 Chlordane-2

R.T.: 5.265 min
Delta R.T.: 0.000 min
Response: 323085
Conc: 4.23 ng/ml



#24 Chlordane-2

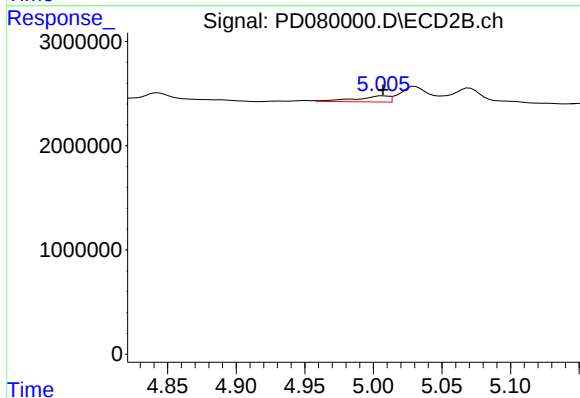
R.T.: 4.352 min
Delta R.T.: -0.025 min
Response: 90123
Conc: 0.79 ng/ml



#25 Chlordane-3

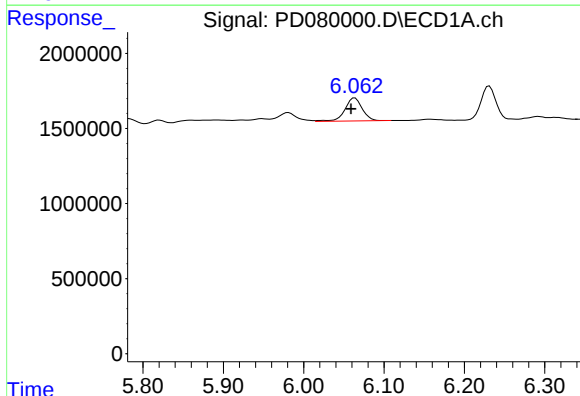
R.T.: 5.981 min
Delta R.T.: 0.004 min
Response: 1031791
Conc: 3.42 ng/ml

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



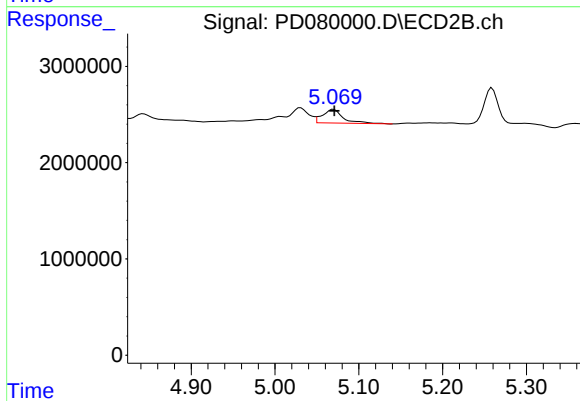
#25 Chlordane-3

R.T.: 5.007 min
Delta R.T.: 0.000 min
Response: 976412
Conc: 3.10 ng/ml



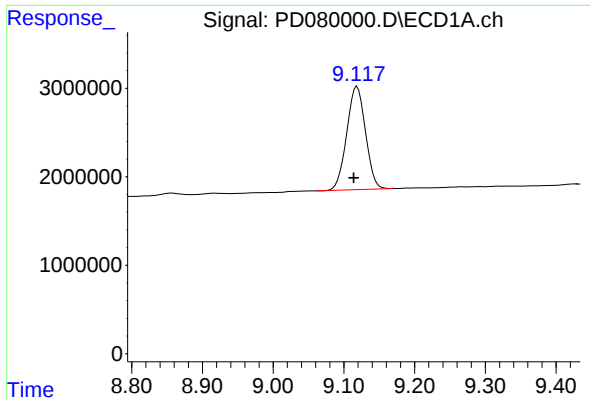
#26 Chlordane-4

R.T.: 6.064 min
Delta R.T.: 0.005 min
Response: 2308061
Conc: 6.37 ng/ml



#26 Chlordane-4

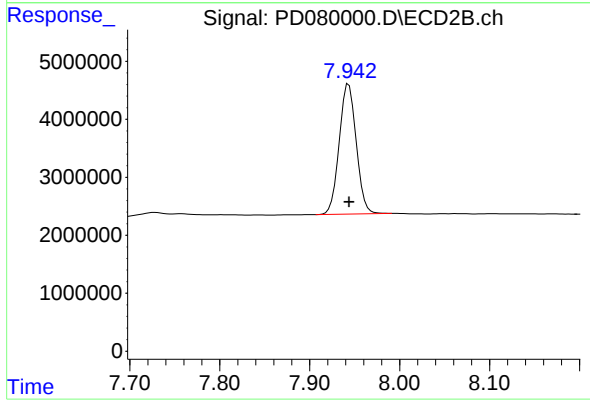
R.T.: 5.070 min
Delta R.T.: -0.001 min
Response: 2460021
Conc: 8.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.119 min
Delta R.T.: 0.005 min
Response: 21503896
Conc: 10.62 ng/ml

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



#28 Decachlorobiphenyl

R.T.: 7.943 min
Delta R.T.: 0.000 min
Response: 29544353
Conc: 10.48 ng/ml