

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120423\
 Data File : PL086959.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Dec 2023 17:18
 Operator : AR\AJ
 Sample : 05600-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TOPSOIL-LKWD-DENALI-1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 04 20:34:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112923.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 29 06:35:04 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.342	2.610	30379240	8442351	9.502	9.283
28)	SA Decachlor...	8.844	7.760	18018964	7104881	6.750	6.444
Target Compounds							
3)	MA gamma-BHC...	0.000	3.437	0	9608	N.D.	0.008 #
4)	MA Heptachlor	4.744f	3.792f	-362154	259843	N.D.	0.223
5)	MB Aldrin	5.029f	4.049	1223401	271811	0.290	0.223
6)	B beta-BHC	4.339	0.000	552757	0	0.295	N.D. #
7)	B delta-BHC	4.578	3.969	1402194	11929	0.330	0.010 #
8)	B Heptachlo...	0.000	4.556	0	97238	N.D.	0.085 #
10)	B gamma-Chl...	5.744	4.796	3917783	399233	1.042	0.348 #
11)	B alpha-Chl...	5.826	4.867	6887808	1743013	1.830	1.311 #
12)	B 4,4'-DDE	6.007	5.066	6744707	1698198	2.231	1.850
13)	MA Dieldrin	6.155	5.194	240061	75097	0.069	0.070
14)	MA Endrin	0.000	5.440f	0	61807	N.D.	0.073 #
15)	B Endosulfa...	6.601	5.752	1732528	258509	0.607	0.278 #
16)	A 4,4'-DDD	6.535	5.623	1105947	100401	0.472	0.130 #
17)	MA 4,4'-DDT	6.814f	5.869	6134265	537094	2.390	0.666 #
18)	B Endrin al...	0.000	5.958f	0	599260	N.D.	0.858 #
19)	B Endosulfa...	6.955	6.168	785274	382498	0.275	0.403 #
21)	B Endrin ke...	7.436	0.000	14336	0	0.005	N.D. #
22)	Mirex	0.000	6.826f	0	158737	N.D.	0.153 #
23)	Chlordane-1	4.498	3.597	698285	746868	5.381	21.776 #
24)	Chlordane-2	5.029	4.175	1223401	151281	8.672	3.684 #
25)	Chlordane-3	5.744	4.796	3917783	399233	7.403	3.646 #
26)	Chlordane-4	5.826	4.867	6887808	1743013	10.331	12.825
27)	Chlordane-5	6.658f	5.542	699072	340189	7.019	10.956 #

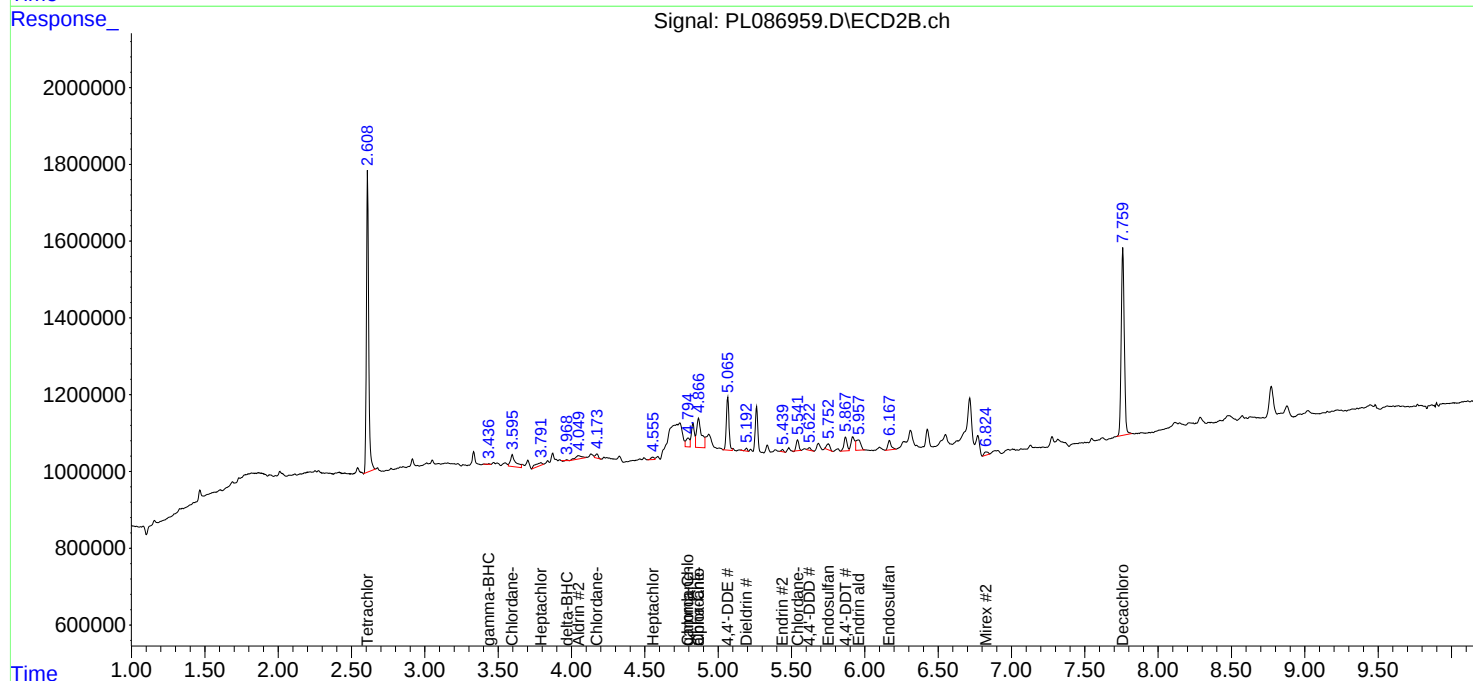
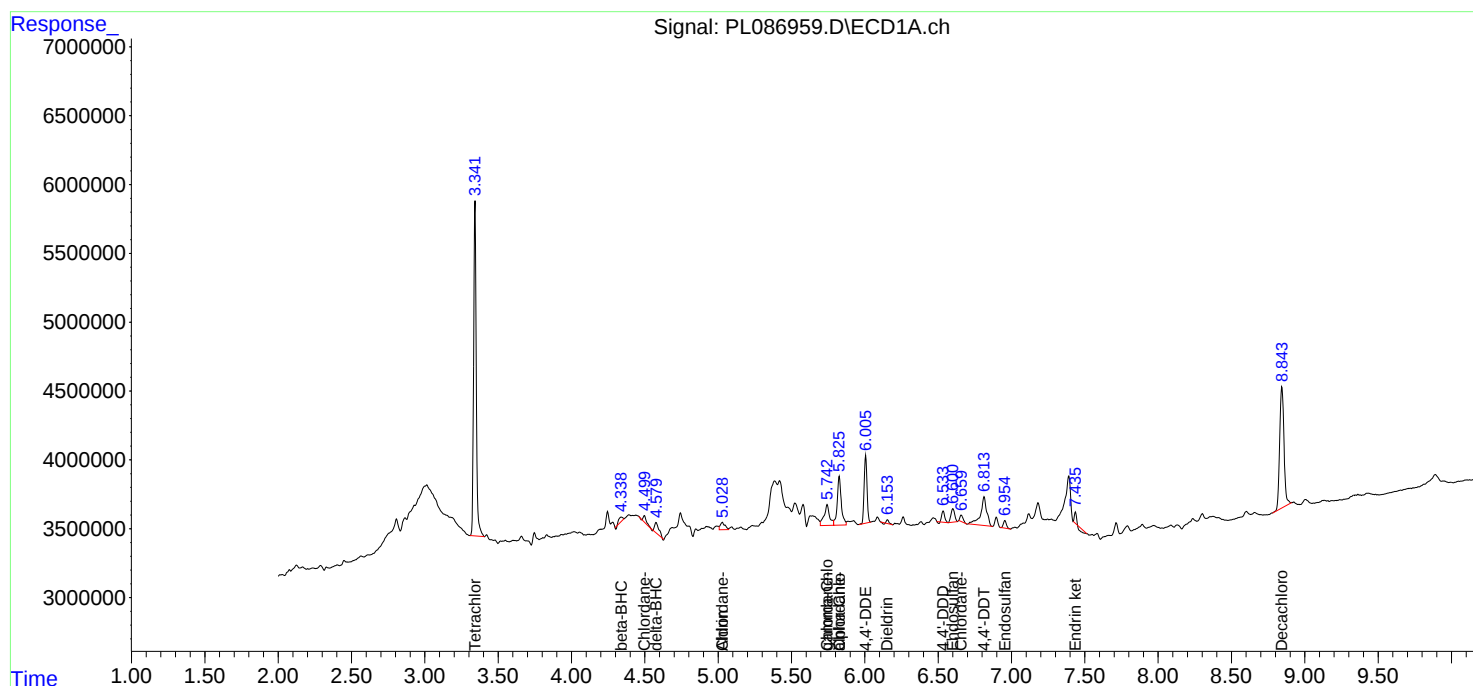
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

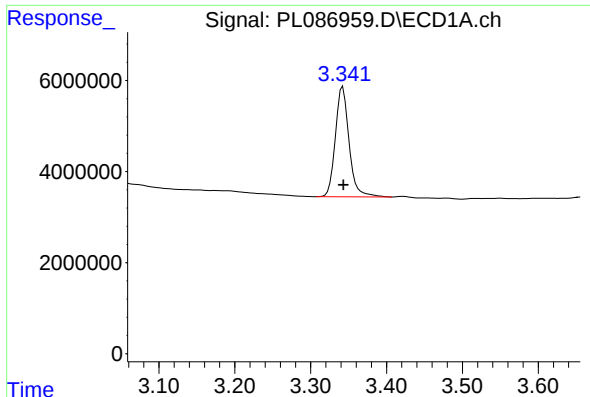
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120423\
Data File : PL086959.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Dec 2023 17:18
Operator : AR\AJ
Sample : 05600-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 04 20:34:56 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112923.M
Quant Title : GC Extractables
QLast Update : Wed Nov 29 06:35:04 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

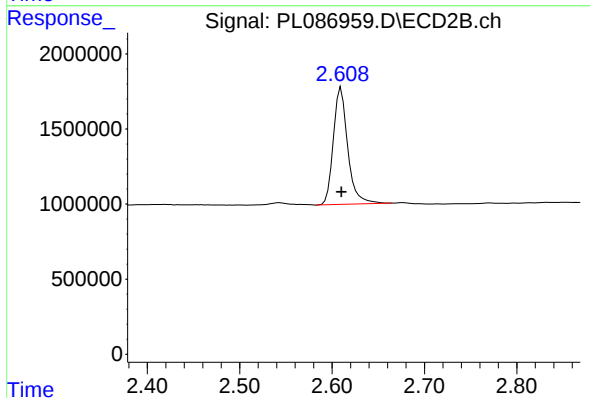




#1 Tetrachloro-m-xylene

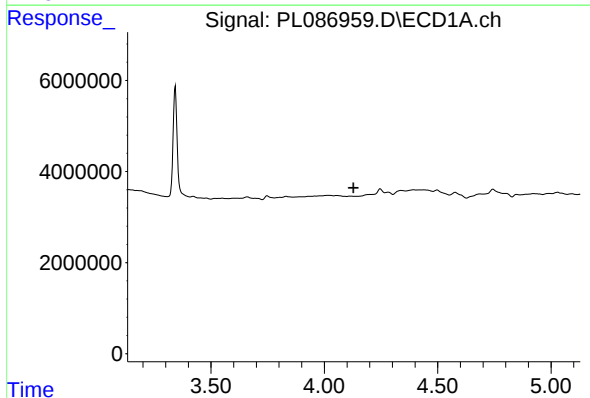
R.T.: 3.342 min
Delta R.T.: 0.000 min
Response: 30379240
Conc: 9.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-1



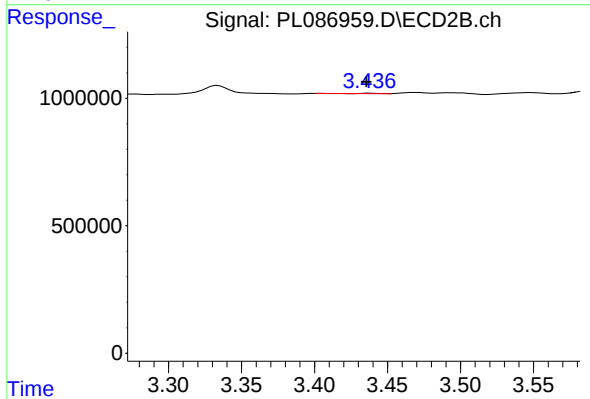
#1 Tetrachloro-m-xylene

R.T.: 2.610 min
Delta R.T.: 0.000 min
Response: 8442351
Conc: 9.28 ng/ml



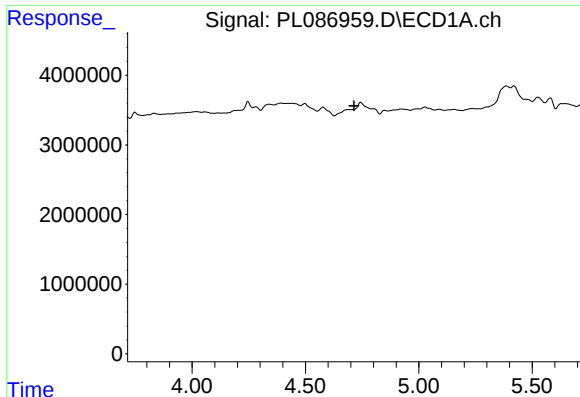
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T. : 4.129 min
Response: 0
Conc: N.D.



#3 gamma-BHC (Lindane)

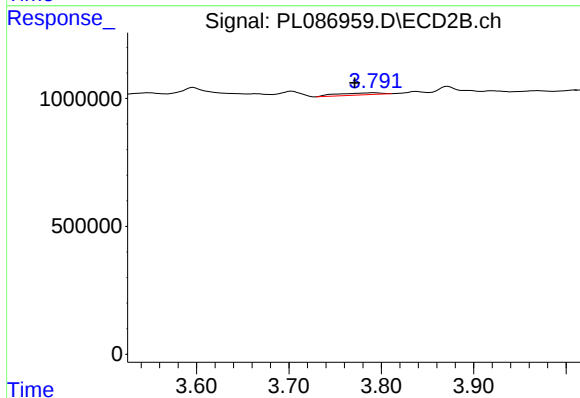
R.T.: 3.437 min
Delta R.T.: 0.002 min
Response: 9608
Conc: 0.01 ng/ml



#4 Heptachlor

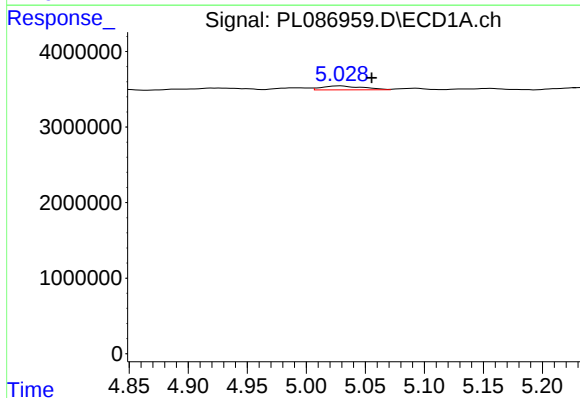
R.T.: 4.744 min
Delta R.T.: 0.029 min
Response: -362154
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-1



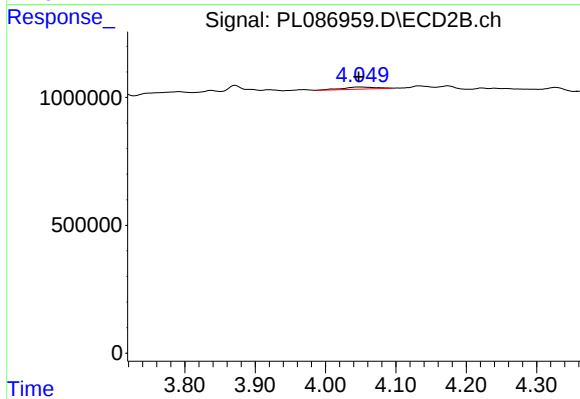
#4 Heptachlor

R.T.: 3.792 min
Delta R.T.: 0.021 min
Response: 259843
Conc: 0.22 ng/ml



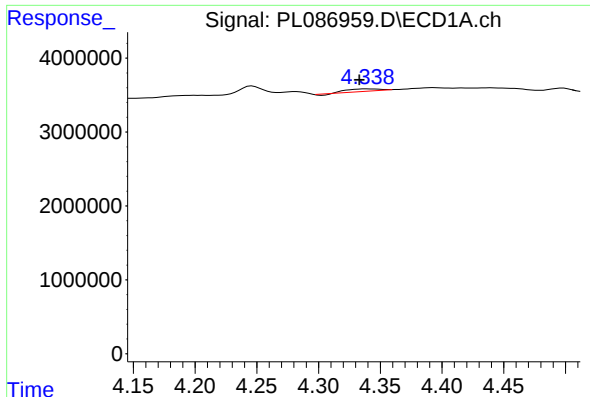
#5 Aldrin

R.T.: 5.029 min
Delta R.T.: -0.026 min
Response: 1223401
Conc: 0.29 ng/ml



#5 Aldrin

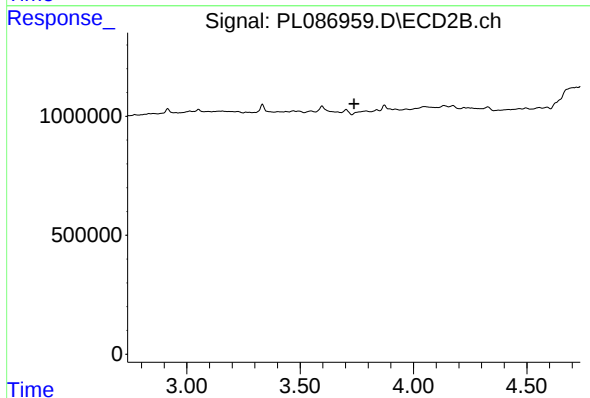
R.T.: 4.049 min
Delta R.T.: 0.002 min
Response: 271811
Conc: 0.22 ng/ml



#6 beta-BHC

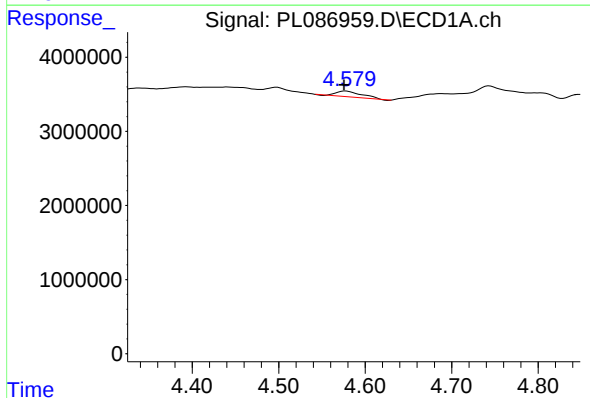
R.T.: 4.339 min
Delta R.T.: 0.006 min
Response: 552757
Conc: 0.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-1



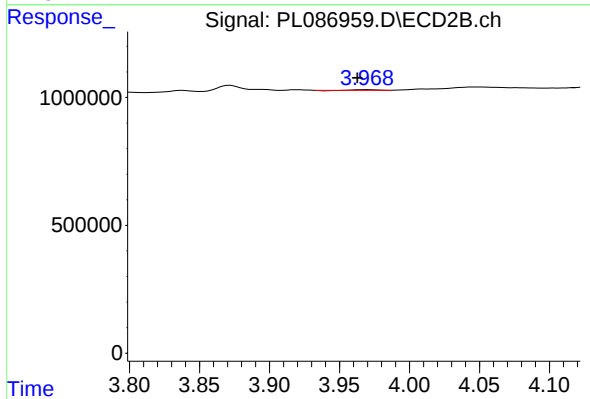
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 3.738 min
Response: 0
Conc: N.D.



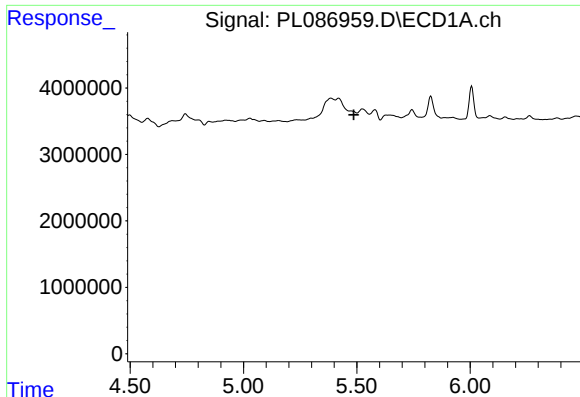
#7 delta-BHC

R.T.: 4.578 min
Delta R.T.: 0.002 min
Response: 1402194
Conc: 0.33 ng/ml



#7 delta-BHC

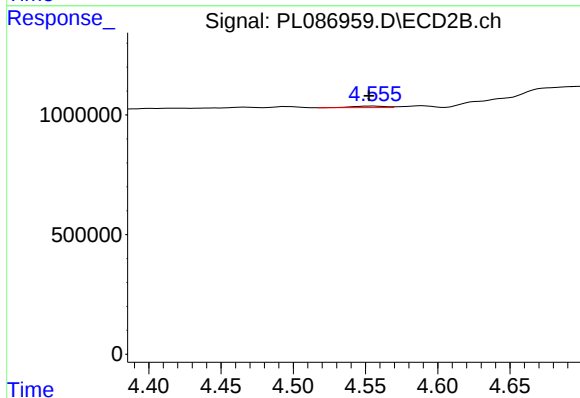
R.T.: 3.969 min
Delta R.T.: 0.006 min
Response: 11929
Conc: 0.01 ng/ml



#8 Heptachlor epoxide

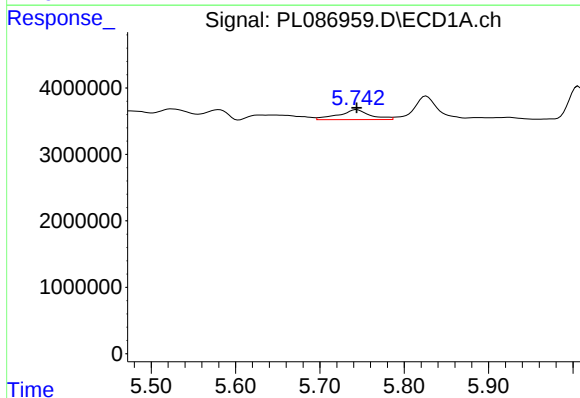
R.T.: 0.000 min
Exp R.T.: 5.486 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-1



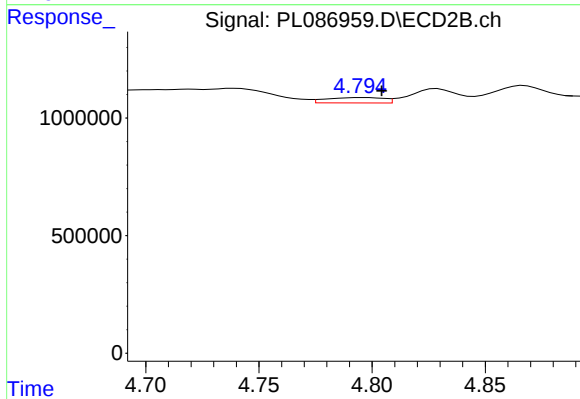
#8 Heptachlor epoxide

R.T.: 4.556 min
Delta R.T.: 0.003 min
Response: 97238
Conc: 0.09 ng/ml



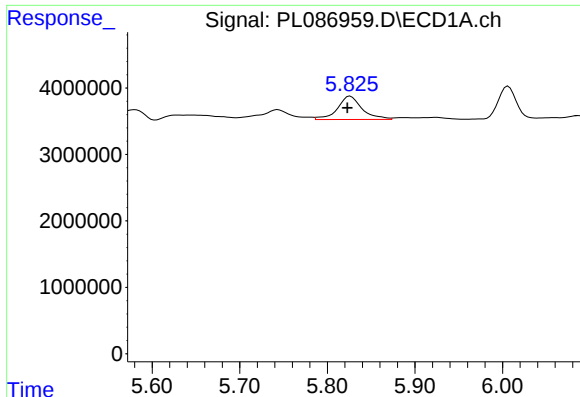
#10 gamma-Chlordane

R.T.: 5.744 min
Delta R.T.: 0.000 min
Response: 3917783
Conc: 1.04 ng/ml



#10 gamma-Chlordane

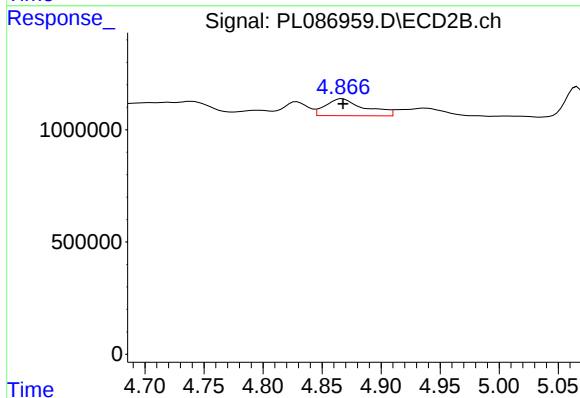
R.T.: 4.796 min
Delta R.T.: -0.008 min
Response: 399233
Conc: 0.35 ng/ml



#11 alpha-Chlordane

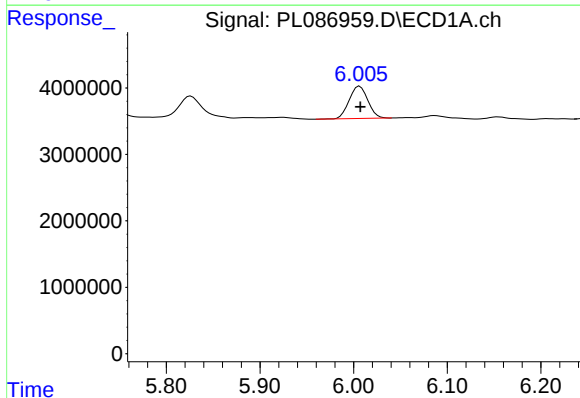
R.T.: 5.826 min
Delta R.T.: 0.003 min
Response: 6887808
Conc: 1.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-1



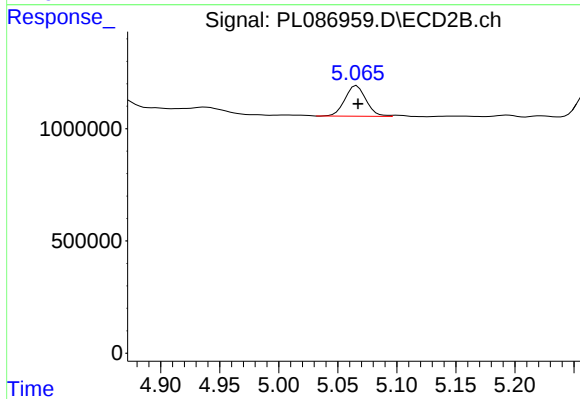
#11 alpha-Chlordane

R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 1743013
Conc: 1.31 ng/ml



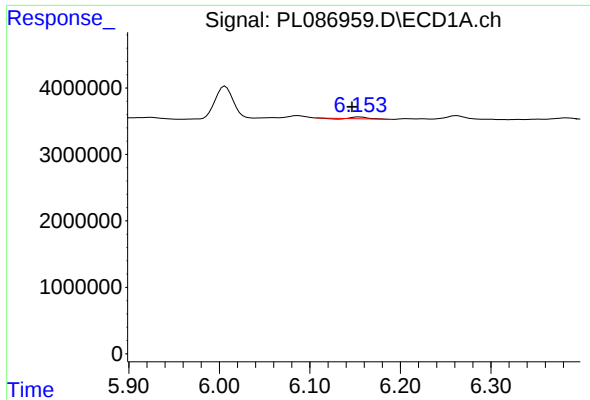
#12 4,4'-DDE

R.T.: 6.007 min
Delta R.T.: 0.000 min
Response: 6744707
Conc: 2.23 ng/ml



#12 4,4'-DDE

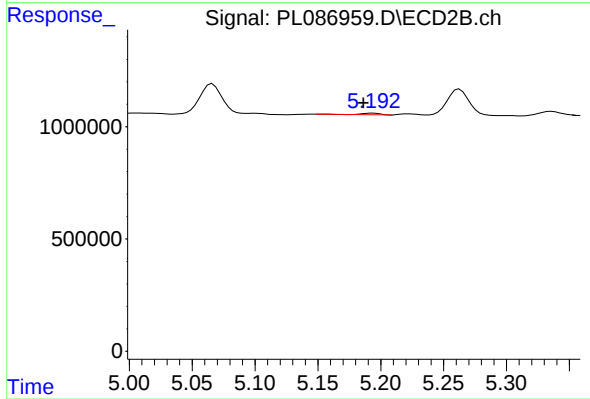
R.T.: 5.066 min
Delta R.T.: -0.001 min
Response: 1698198
Conc: 1.85 ng/ml



#13 Dieldrin

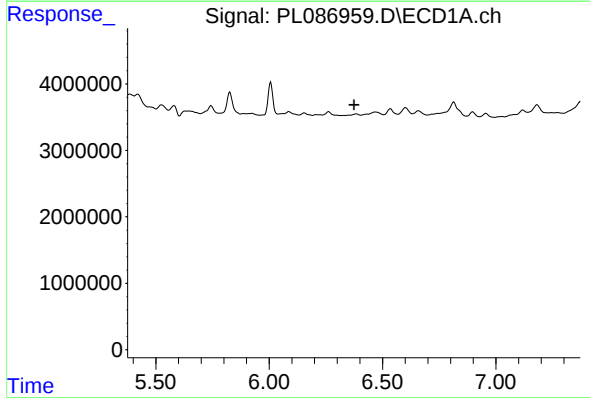
R.T.: 6.155 min
Delta R.T.: 0.008 min
Response: 240061
Conc: 0.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-1



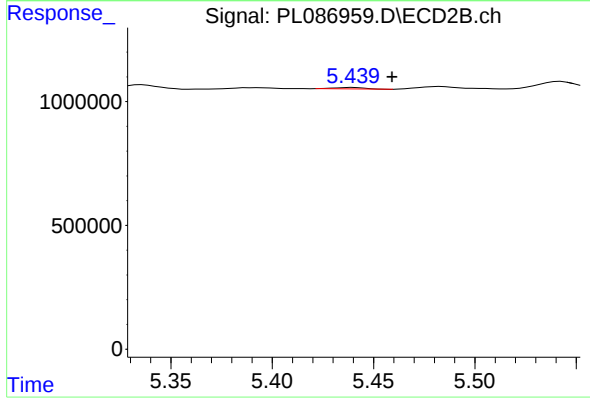
#13 Dieldrin

R.T.: 5.194 min
Delta R.T.: 0.008 min
Response: 75097
Conc: 0.07 ng/ml



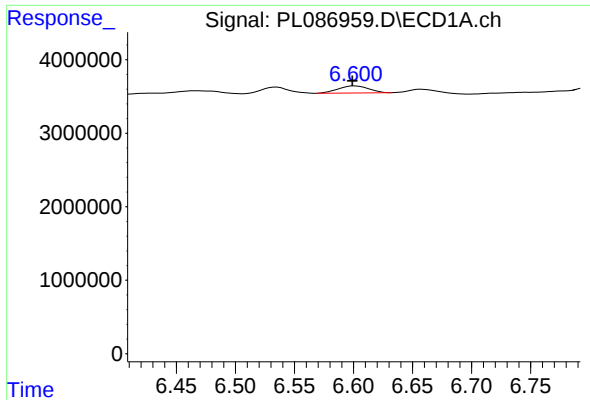
#14 Endrin

R.T.: 0.000 min
Exp R.T. : 6.375 min
Response: 0
Conc: N.D.



#14 Endrin

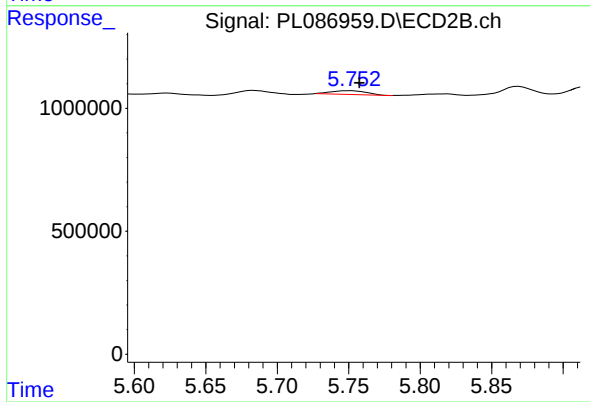
R.T.: 5.440 min
Delta R.T.: -0.019 min
Response: 61807
Conc: 0.07 ng/ml



#15 Endosulfan II

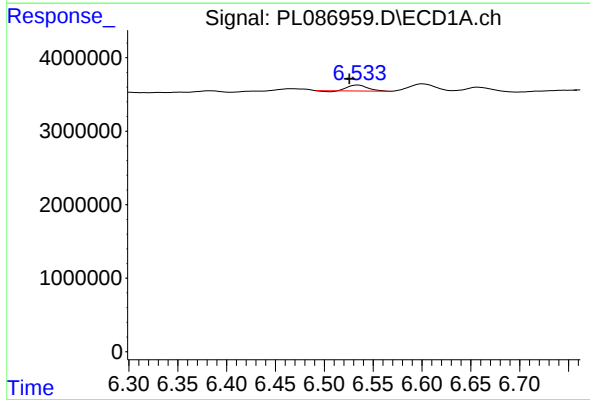
R.T.: 6.601 min
Delta R.T.: 0.002 min
Response: 1732528
Conc: 0.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-1



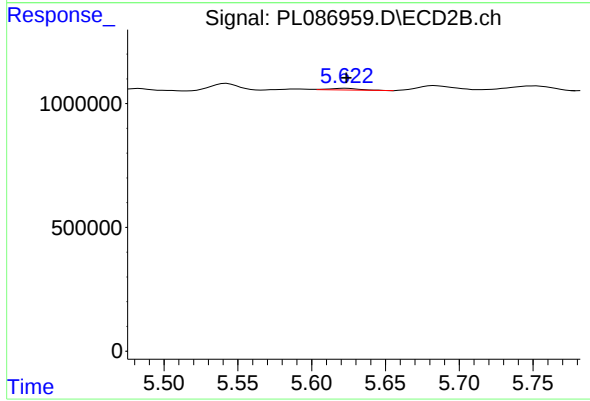
#15 Endosulfan II

R.T.: 5.752 min
Delta R.T.: -0.005 min
Response: 258509
Conc: 0.28 ng/ml



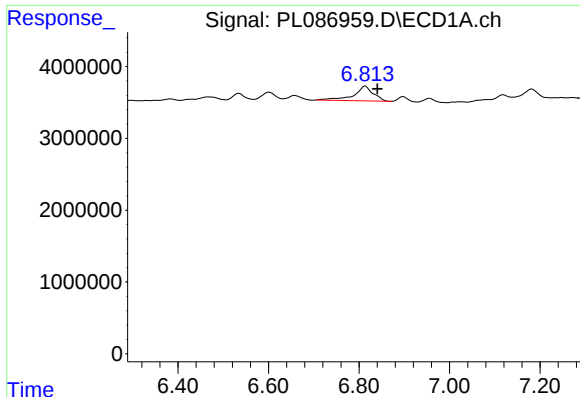
#16 4,4'-DDD

R.T.: 6.535 min
Delta R.T.: 0.009 min
Response: 1105947
Conc: 0.47 ng/ml



#16 4,4'-DDD

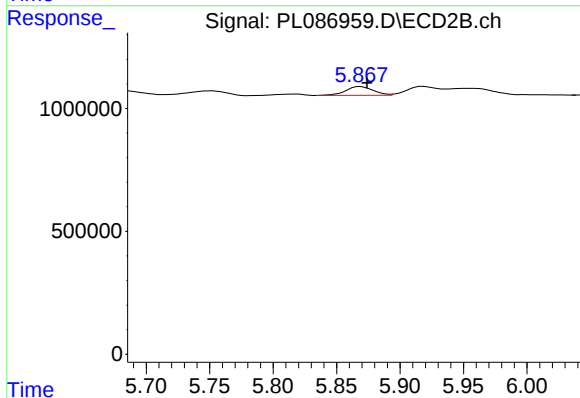
R.T.: 5.623 min
Delta R.T.: 0.000 min
Response: 100401
Conc: 0.13 ng/ml



#17 4,4'-DDT

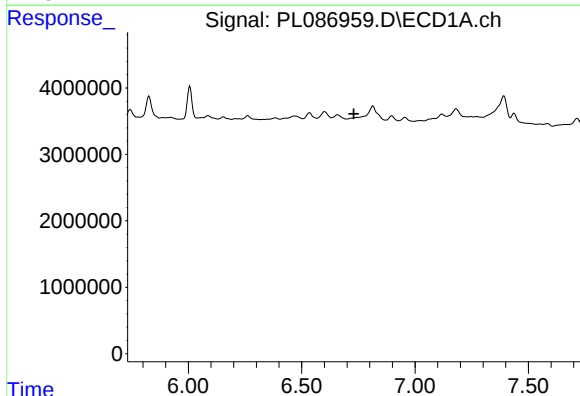
R.T.: 6.814 min
Delta R.T.: -0.027 min
Response: 6134265
Conc: 2.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-1



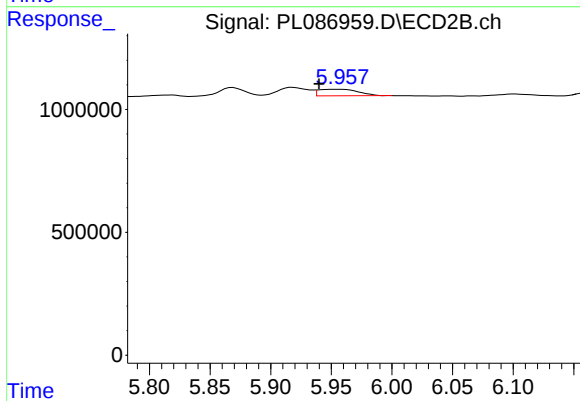
#17 4,4'-DDT

R.T.: 5.869 min
Delta R.T.: -0.005 min
Response: 537094
Conc: 0.67 ng/ml



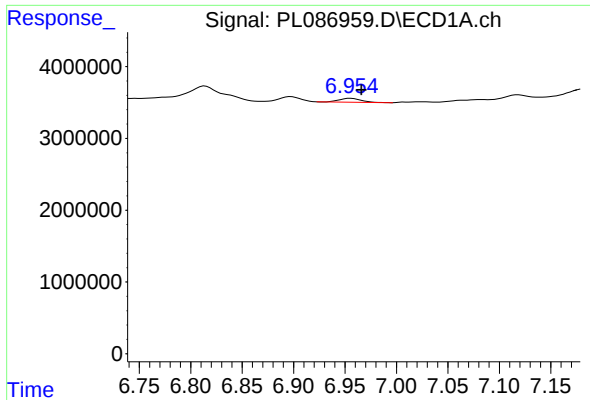
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 6.730 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

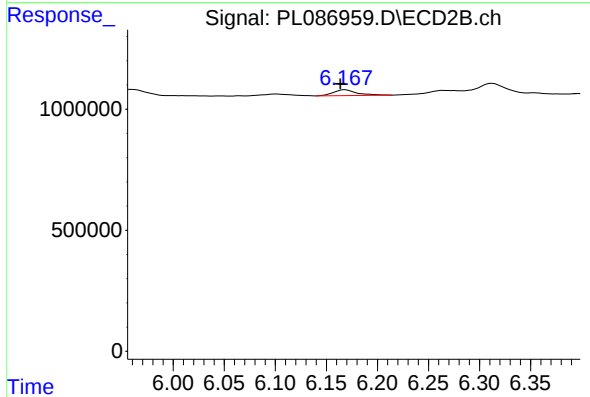
R.T.: 5.958 min
Delta R.T.: 0.018 min
Response: 599260
Conc: 0.86 ng/ml



#19 Endosulfan Sulfate

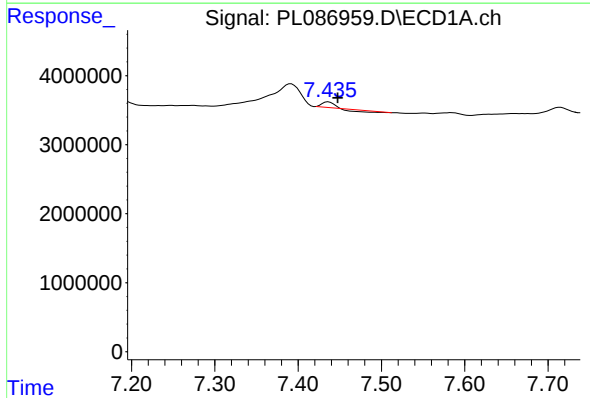
R.T.: 6.955 min
Delta R.T.: -0.011 min
Response: 785274
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-1



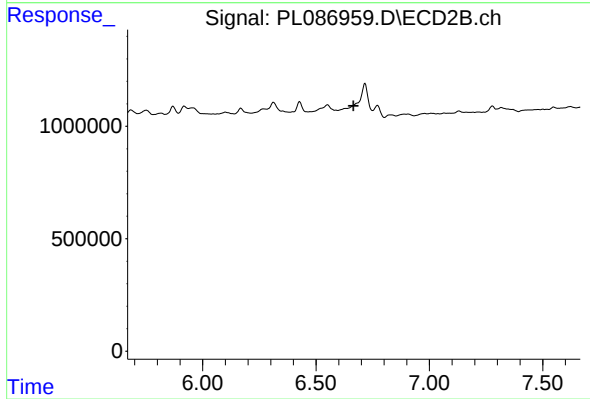
#19 Endosulfan Sulfate

R.T.: 6.168 min
Delta R.T.: 0.004 min
Response: 382498
Conc: 0.40 ng/ml



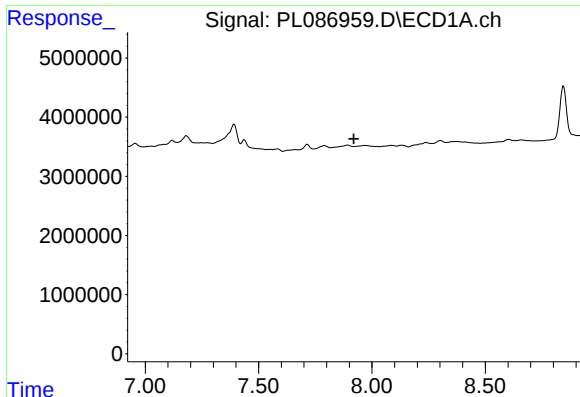
#21 Endrin ketone

R.T.: 7.436 min
Delta R.T.: -0.011 min
Response: 14336
Conc: 0.00 ng/ml



#21 Endrin ketone

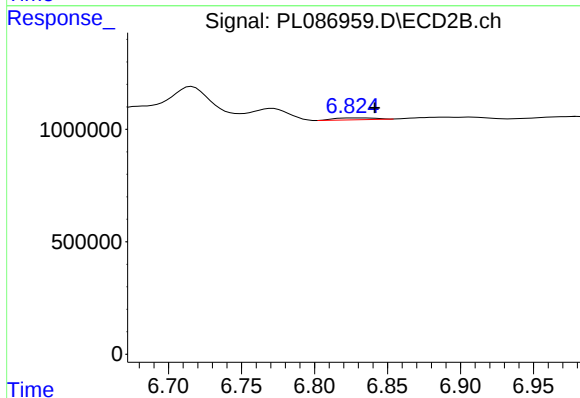
R.T.: 0.000 min
Exp R.T.: 6.665 min
Response: 0
Conc: N.D.



#22 Mirex

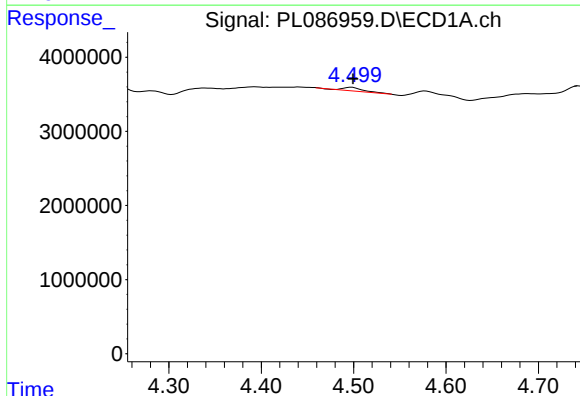
R.T.: 0.000 min
Exp R.T.: 7.919 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-1



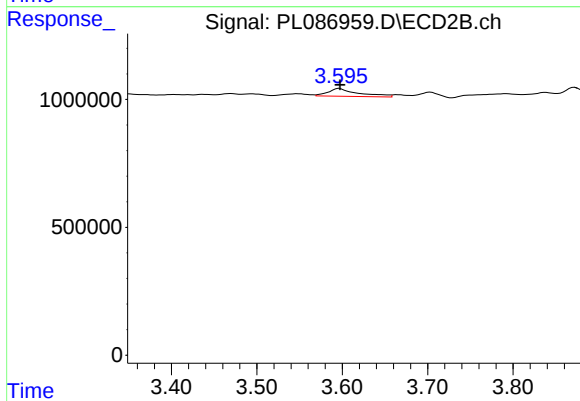
#22 Mirex

R.T.: 6.826 min
Delta R.T.: -0.015 min
Response: 158737
Conc: 0.15 ng/ml



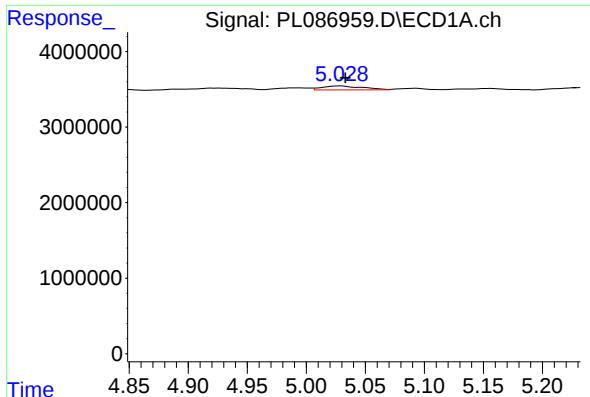
#23 Chlordane-1

R.T.: 4.498 min
Delta R.T.: -0.001 min
Response: 698285
Conc: 5.38 ng/ml



#23 Chlordane-1

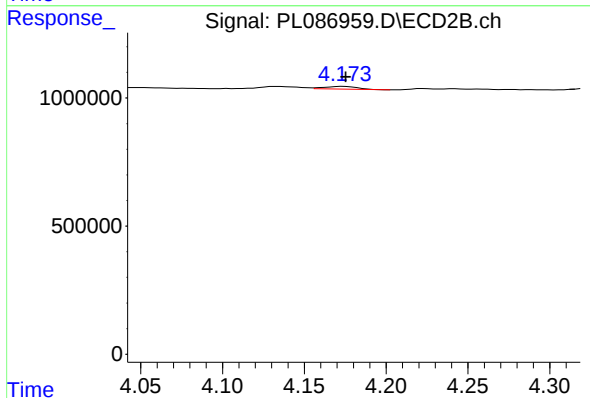
R.T.: 3.597 min
Delta R.T.: 0.000 min
Response: 746868
Conc: 21.78 ng/ml



#24 Chlordane-2

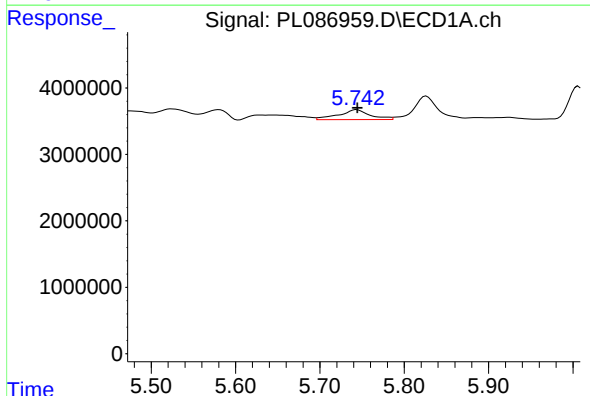
R.T.: 5.029 min
Delta R.T.: -0.004 min
Response: 1223401
Conc: 8.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-1



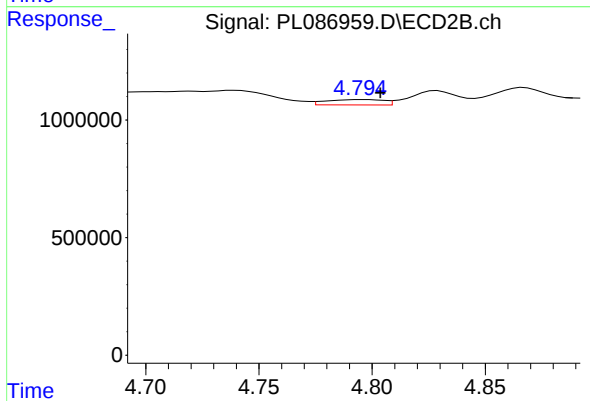
#24 Chlordane-2

R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 151281
Conc: 3.68 ng/ml



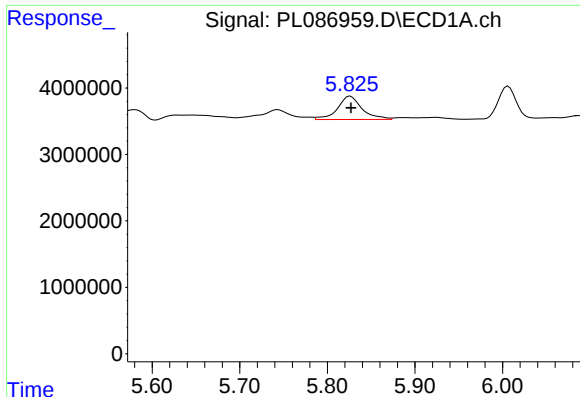
#25 Chlordane-3

R.T.: 5.744 min
Delta R.T.: 0.000 min
Response: 3917783
Conc: 7.40 ng/ml



#25 Chlordane-3

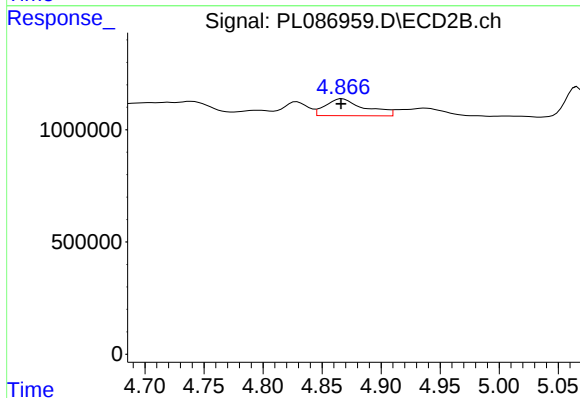
R.T.: 4.796 min
Delta R.T.: -0.007 min
Response: 399233
Conc: 3.65 ng/ml



#26 Chlordane-4

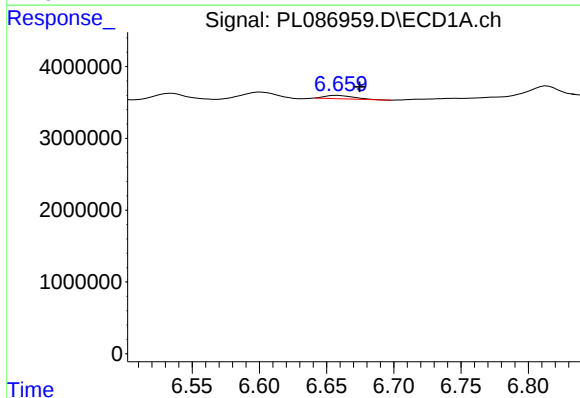
R.T.: 5.826 min
Delta R.T.: -0.001 min
Response: 6887808
Conc: 10.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-1



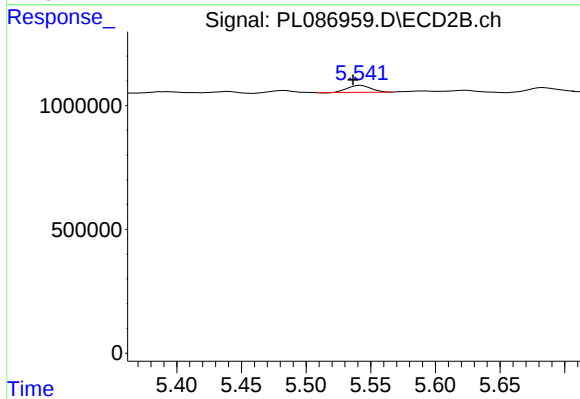
#26 Chlordane-4

R.T.: 4.867 min
Delta R.T.: 0.001 min
Response: 1743013
Conc: 12.83 ng/ml



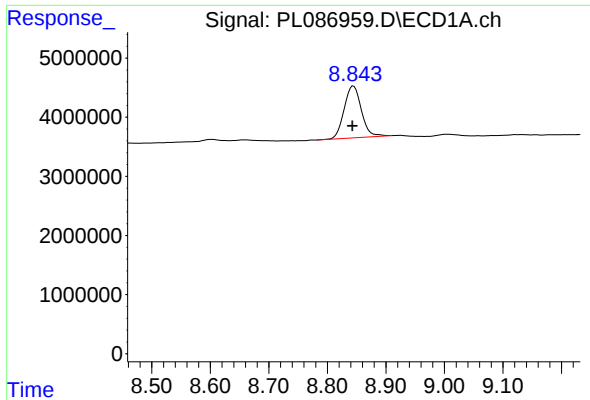
#27 Chlordane-5

R.T.: 6.658 min
Delta R.T.: -0.017 min
Response: 699072
Conc: 7.02 ng/ml



#27 Chlordane-5

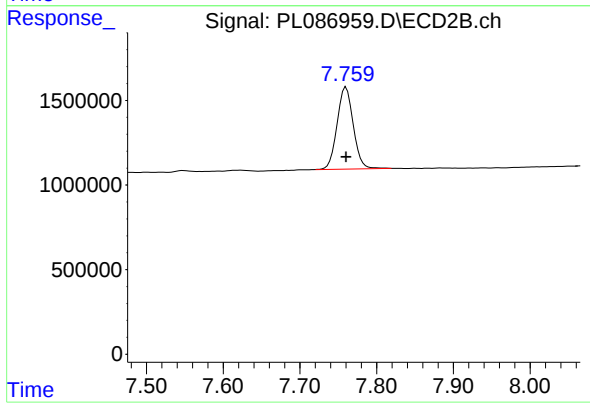
R.T.: 5.542 min
Delta R.T.: 0.006 min
Response: 340189
Conc: 10.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.844 min
Delta R.T.: 0.002 min
Response: 18018964
Conc: 6.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-1



#28 Decachlorobiphenyl

R.T.: 7.760 min
Delta R.T.: 0.000 min
Response: 7104881
Conc: 6.44 ng/ml