

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120423\
 Data File : PL086960.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Dec 2023 17:32
 Operator : AR\AJ
 Sample : 05600-03
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TOPSOIL-LKWD-DENALI-2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 04 20:35:39 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	2.626f	26671003	7046117	8.342	7.747
28)	SA Decachlor...	8.843	7.777f	15555512	5972452	5.827	5.417
Target Compounds							
2)	A alpha-BHC	0.000	3.138f	0	13303	N.D.	0.010 #
3)	MA gamma-BHC...	0.000	3.428	0	26062	N.D.	0.021 #
5)	MB Aldrin	5.026f	4.060	1586366	225362	0.376	0.185 #
6)	B beta-BHC	4.343	3.720f	233524	347020	0.125	0.656 #
7)	B delta-BHC	4.579	3.984f	1154172	57351	0.272	0.049 #
8)	B Heptachlo...	0.000	4.571f	0	52365	N.D.	0.046 #
10)	B gamma-Chl...	5.745	4.819	4125686	536112	1.097	0.468 #
11)	B alpha-Chl...	5.826	4.884f	7397093	2055544	1.965	1.546
12)	B 4,4'-DDE	6.006	5.083f	6764388	1608215	2.237	1.752
13)	MA Dieldrin	0.000	5.162f	0	28707	N.D.	0.027 #
14)	MA Endrin	0.000	5.456	0	39404	N.D.	0.047 #
15)	B Endosulfa...	6.602	5.771	1671832	289536	0.586	0.312 #
16)	A 4,4'-DDD	6.534	5.610	898169	73961	0.384	0.096 #
17)	MA 4,4'-DDT	6.812f	5.886	5631194	442625	2.194	0.549 #
18)	B Endrin al...	0.000	5.935	0	557921	N.D.	0.799 #
19)	B Endosulfa...	6.956	6.184f	749182	286523	0.262	0.302
20)	A Methoxychlor	0.000	6.445	0	608836	N.D.	1.183 #
21)	B Endrin ke...	7.437	6.647f	-95676	73813	N.D.	0.065
23)	Chlordane-1	4.498	3.614f	664200	588876	5.118	17.170 #
24)	Chlordane-2	5.026	4.194f	1586366	188606	11.245	4.592 #
25)	Chlordane-3	5.745	4.819f	4125686	536112	7.796	4.896 #
26)	Chlordane-4	5.826	4.884f	7397093	2055544	11.095	15.125 #
27)	Chlordane-5	6.658f	5.558f	642415	213751	6.450	6.884

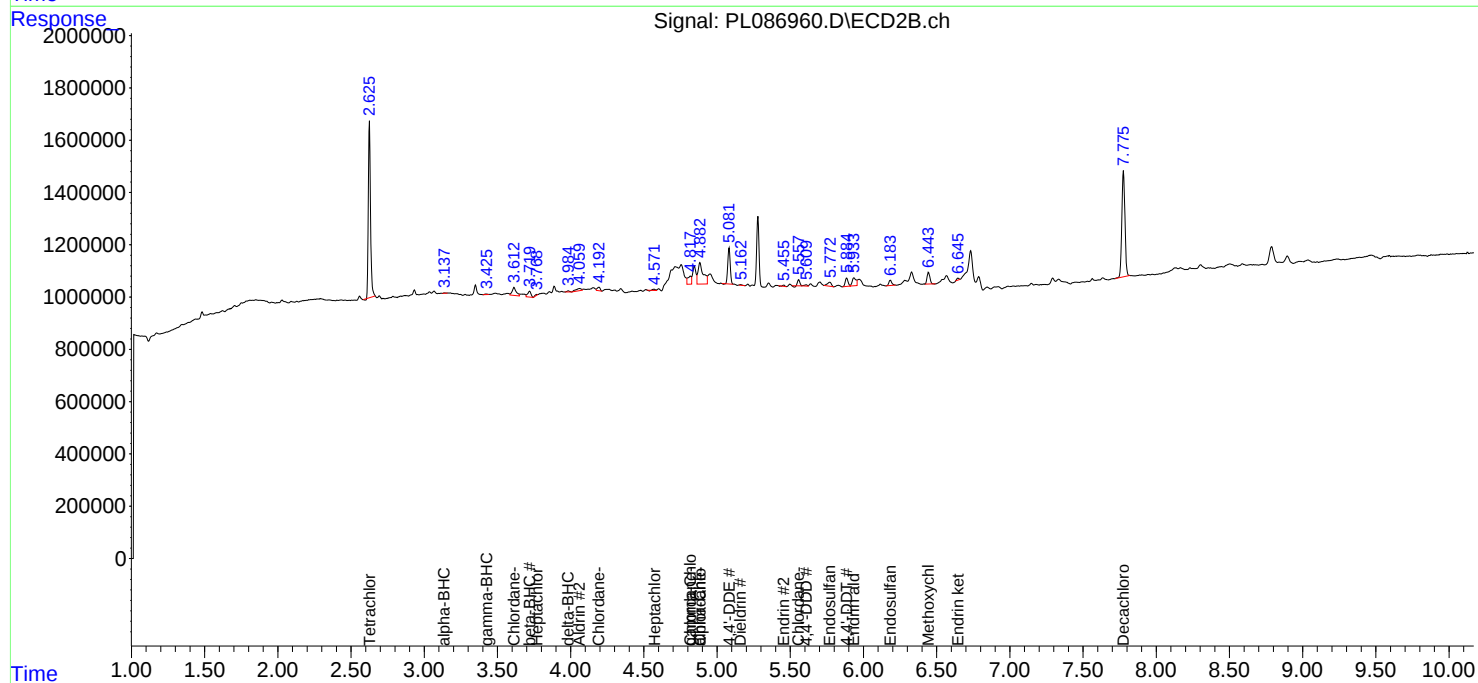
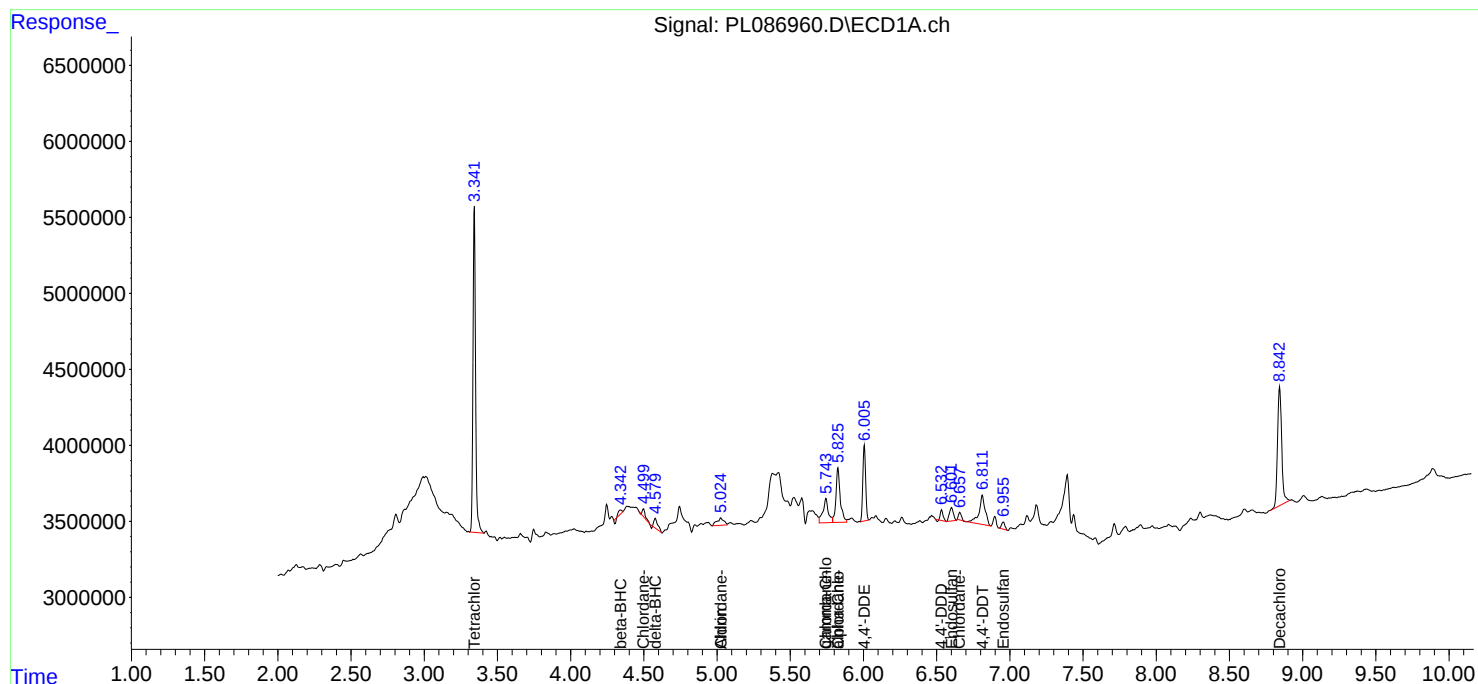
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

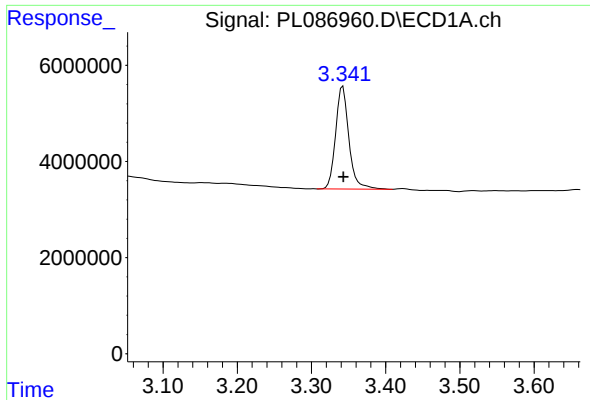
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120423\
Data File : PL086960.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Dec 2023 17:32
Operator : AR\AJ
Sample : 05600-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 04 20:35:39 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

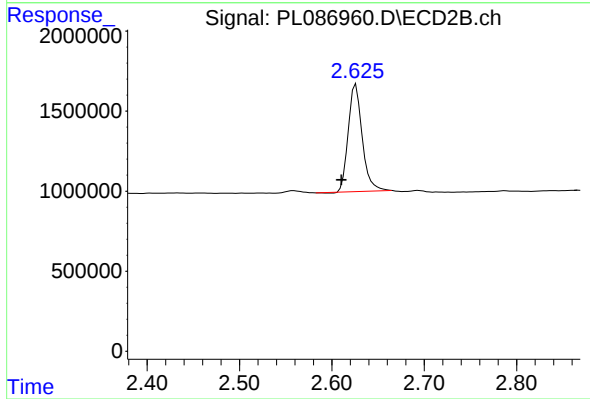




#1 Tetrachloro-m-xylene

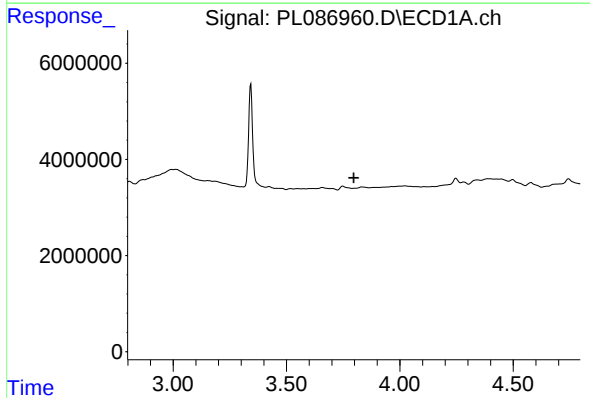
R.T.: 3.342 min
Delta R.T.: 0.000 min
Response: 26671003
Conc: 8.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-2



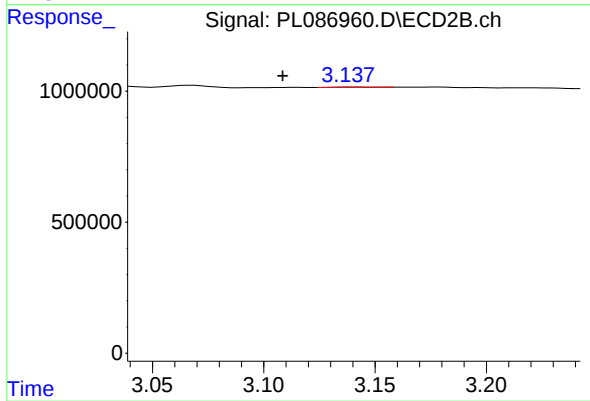
#1 Tetrachloro-m-xylene

R.T.: 2.626 min
Delta R.T.: 0.016 min
Response: 7046117
Conc: 7.75 ng/ml



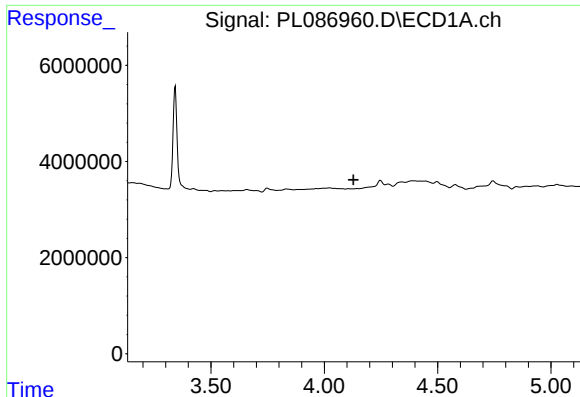
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 3.797 min
Response: 0
Conc: N.D.



#2 alpha-BHC

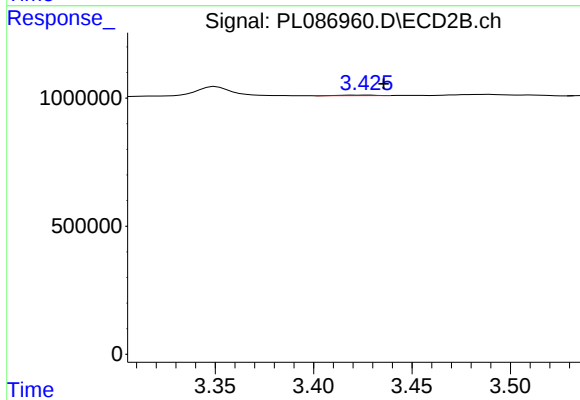
R.T.: 3.138 min
Delta R.T.: 0.030 min
Response: 13303
Conc: 0.01 ng/ml



#3 gamma-BHC (Lindane)

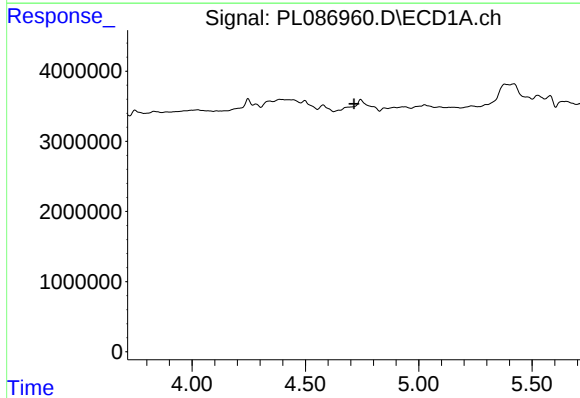
R.T.: 0.000 min
Exp R.T.: 4.129 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-2



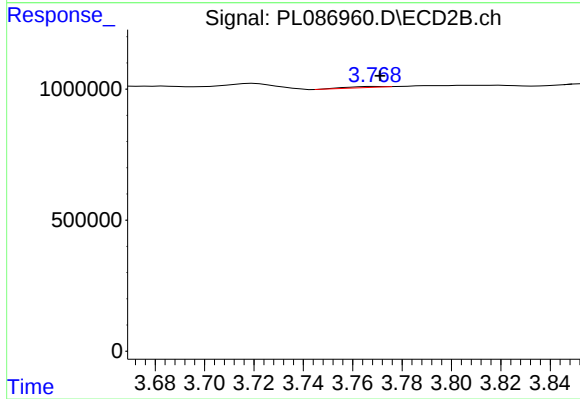
#3 gamma-BHC (Lindane)

R.T.: 3.428 min
Delta R.T.: -0.008 min
Response: 26062
Conc: 0.02 ng/ml



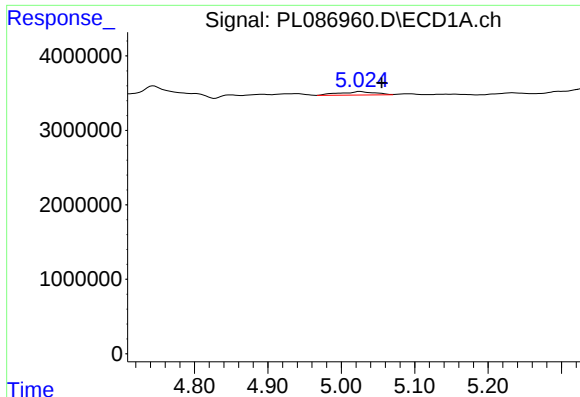
#4 Heptachlor

R.T.: 4.744 min
Delta R.T.: 0.029 min
Response: -318199
Conc: N.D.



#4 Heptachlor

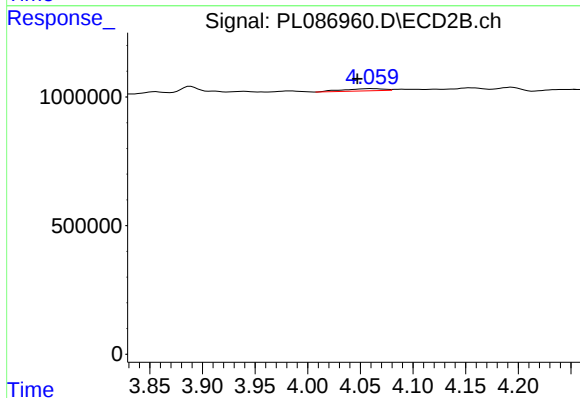
R.T.: 3.769 min
Delta R.T.: -0.002 min
Response: 36059
Conc: 0.03 ng/ml



#5 Aldrin

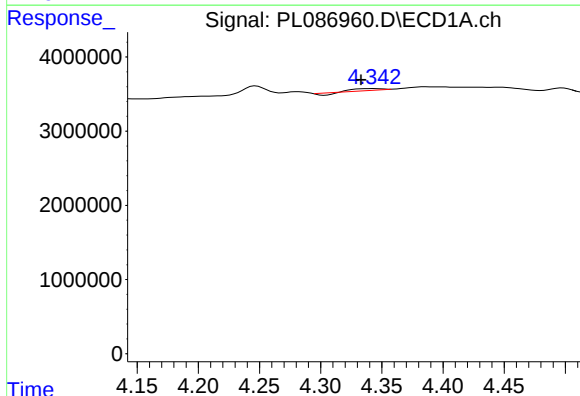
R.T.: 5.026 min
Delta R.T.: -0.030 min
Response: 1586366
Conc: 0.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-2



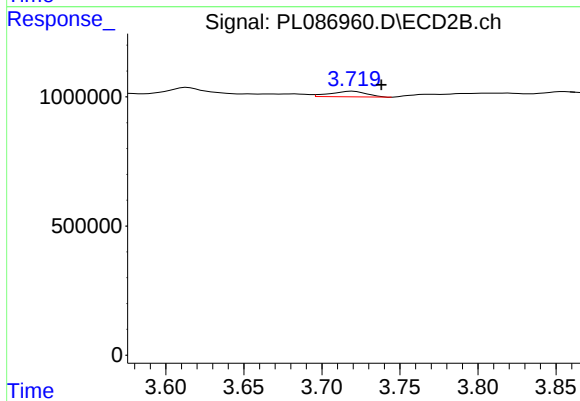
#5 Aldrin

R.T.: 4.060 min
Delta R.T.: 0.013 min
Response: 225362
Conc: 0.18 ng/ml



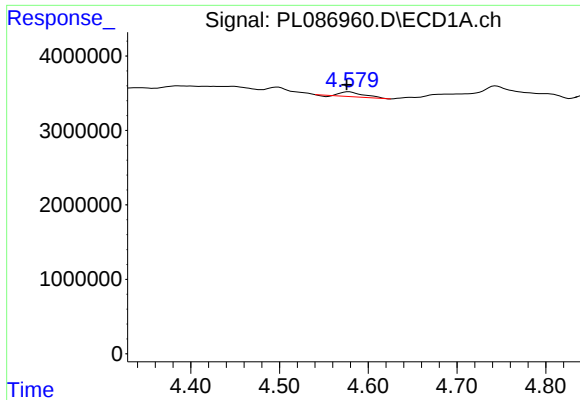
#6 beta-BHC

R.T.: 4.343 min
Delta R.T.: 0.010 min
Response: 233524
Conc: 0.12 ng/ml



#6 beta-BHC

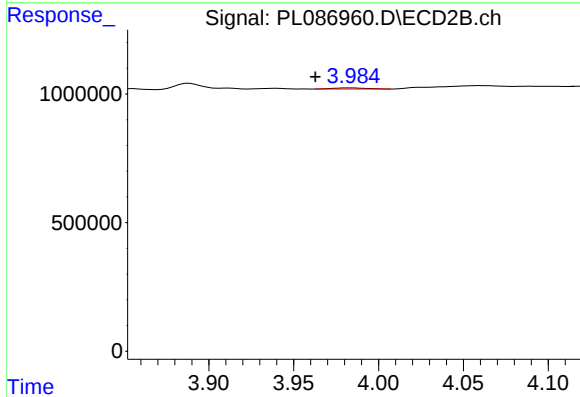
R.T.: 3.720 min
Delta R.T.: -0.018 min
Response: 347020
Conc: 0.66 ng/ml



#7 delta-BHC

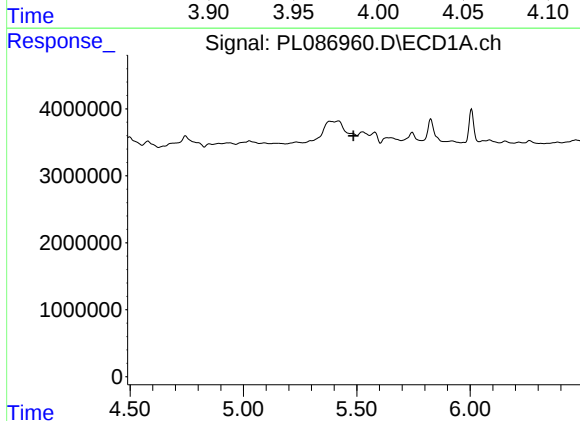
R.T.: 4.579 min
Delta R.T.: 0.003 min
Response: 1154172
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-2



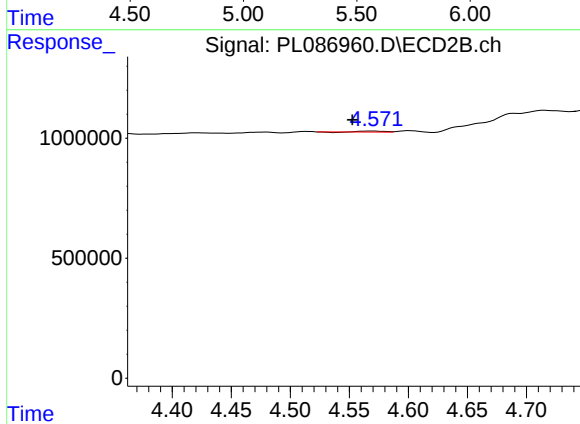
#7 delta-BHC

R.T.: 3.984 min
Delta R.T.: 0.022 min
Response: 57351
Conc: 0.05 ng/ml



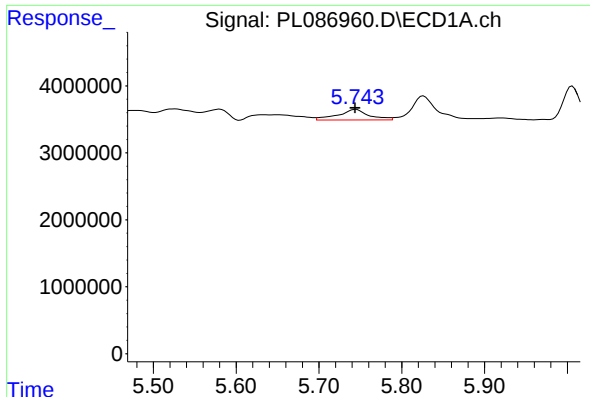
#8 Heptachlor epoxide

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



#8 Heptachlor epoxide

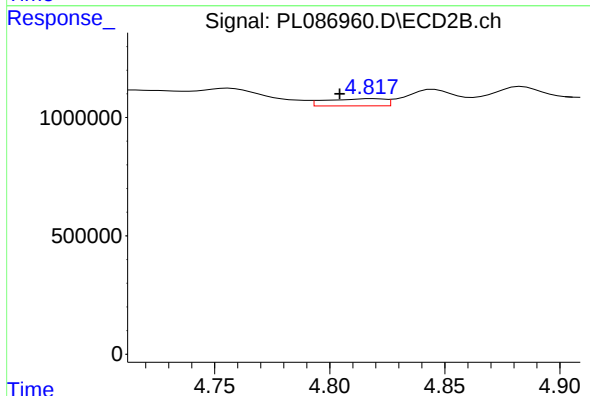
R.T.: 4.571 min
Delta R.T.: 0.019 min
Response: 52365
Conc: 0.05 ng/ml



#10 gamma-Chlordane

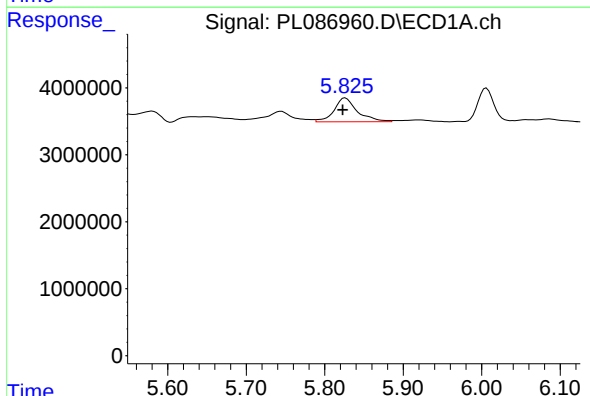
R.T.: 5.745 min
Delta R.T.: 0.000 min
Response: 4125686
Conc: 1.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-2



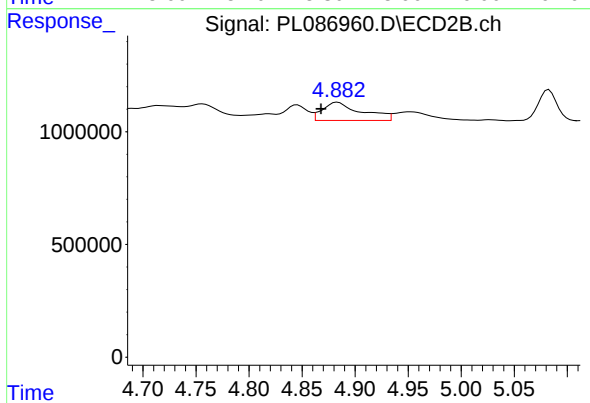
#10 gamma-Chlordane

R.T.: 4.819 min
Delta R.T.: 0.014 min
Response: 536112
Conc: 0.47 ng/ml



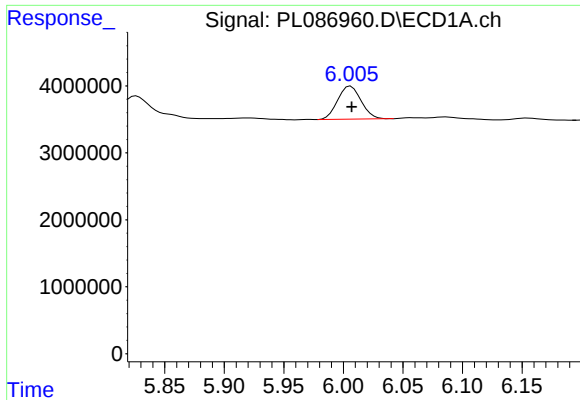
#11 alpha-Chlordane

R.T.: 5.826 min
Delta R.T.: 0.003 min
Response: 7397093
Conc: 1.96 ng/ml



#11 alpha-Chlordane

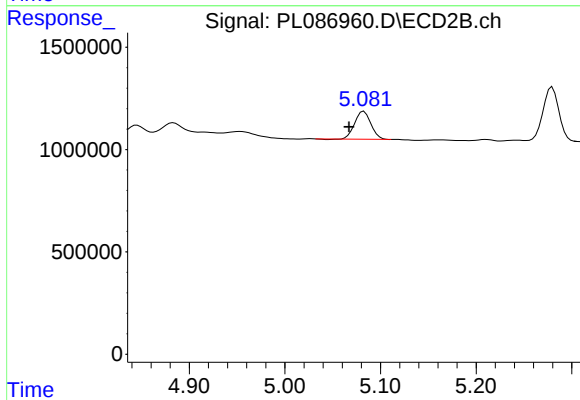
R.T.: 4.884 min
Delta R.T.: 0.016 min
Response: 2055544
Conc: 1.55 ng/ml



#12 4,4'-DDE

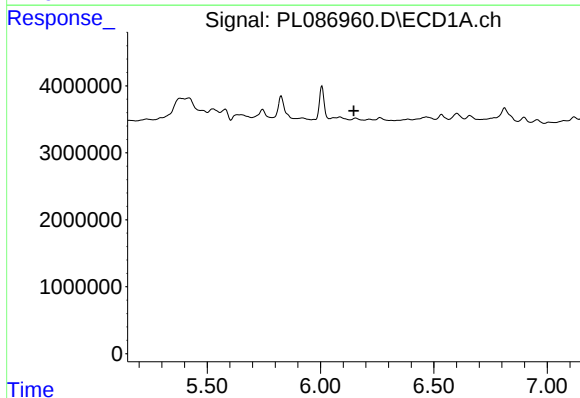
R.T.: 6.006 min
Delta R.T.: 0.000 min
Response: 6764388
Conc: 2.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-2



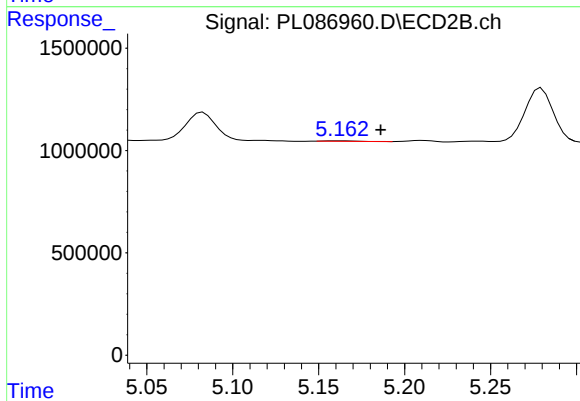
#12 4,4'-DDE

R.T.: 5.083 min
Delta R.T.: 0.015 min
Response: 1608215
Conc: 1.75 ng/ml



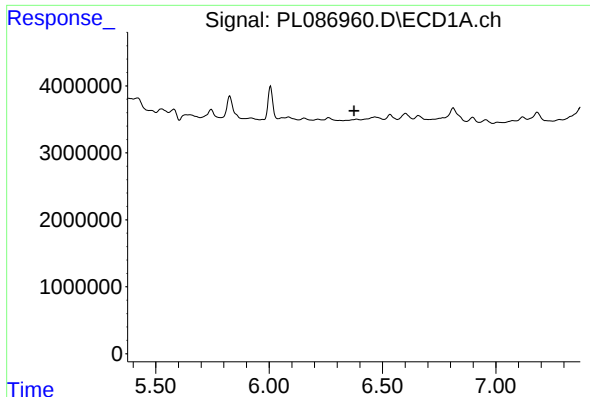
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 6.147 min
Response: 0
Conc: N.D.



#13 Dieldrin

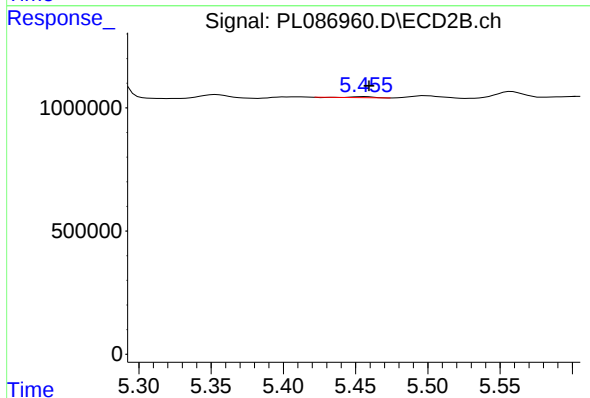
R.T.: 5.162 min
Delta R.T.: -0.024 min
Response: 28707
Conc: 0.03 ng/ml



#14 Endrin

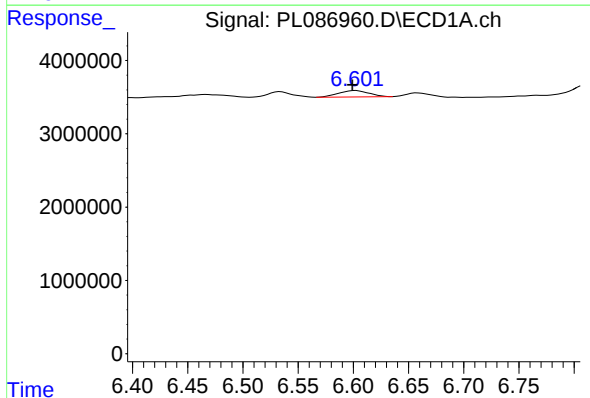
R.T.: 0.000 min
Exp R.T.: 6.375 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-2



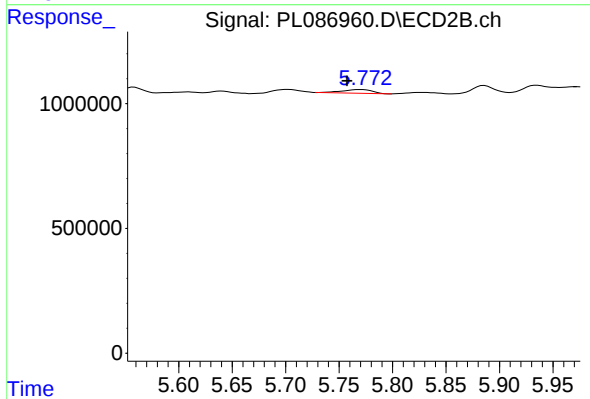
#14 Endrin

R.T.: 5.456 min
Delta R.T.: -0.003 min
Response: 39404
Conc: 0.05 ng/ml



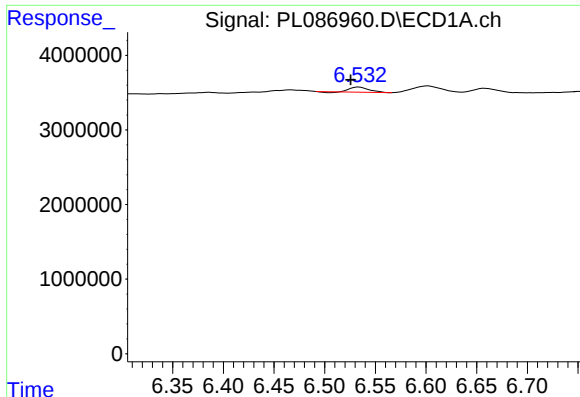
#15 Endosulfan II

R.T.: 6.602 min
Delta R.T.: 0.003 min
Response: 1671832
Conc: 0.59 ng/ml



#15 Endosulfan II

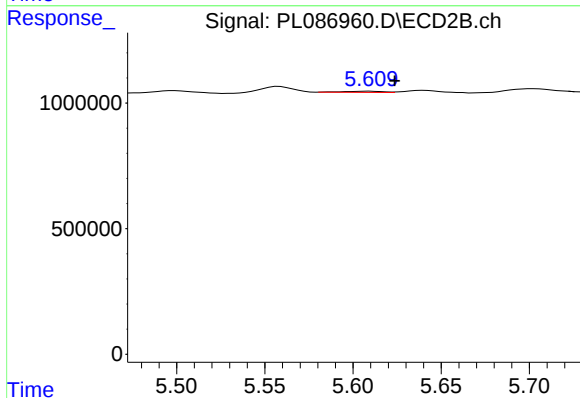
R.T.: 5.771 min
Delta R.T.: 0.013 min
Response: 289536
Conc: 0.31 ng/ml



#16 4,4'-DDD

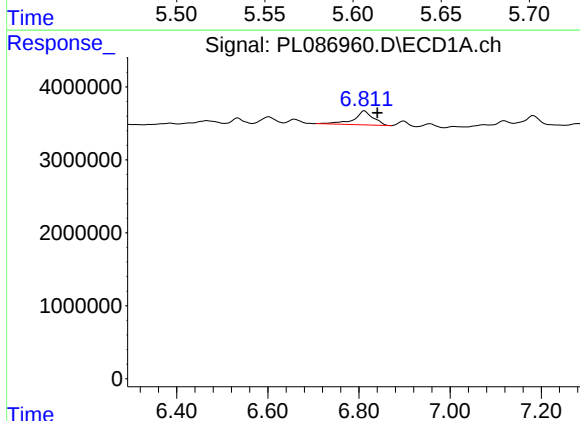
R.T.: 6.534 min
Delta R.T.: 0.008 min
Response: 898169
Conc: 0.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-2



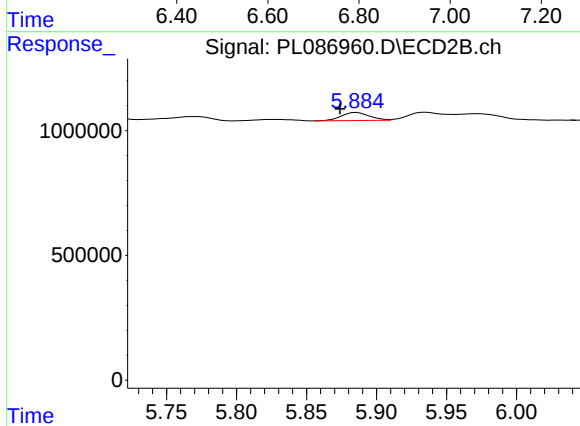
#16 4,4'-DDD

R.T.: 5.610 min
Delta R.T.: -0.014 min
Response: 73961
Conc: 0.10 ng/ml



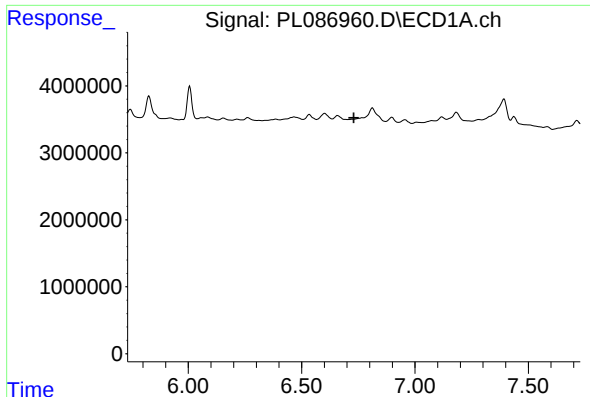
#17 4,4'-DDT

R.T.: 6.812 min
Delta R.T.: -0.029 min
Response: 5631194
Conc: 2.19 ng/ml



#17 4,4'-DDT

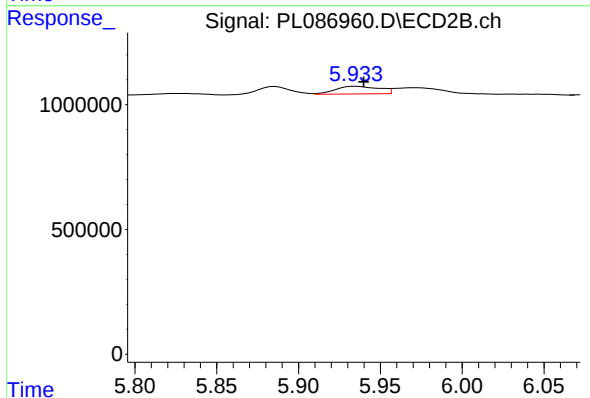
R.T.: 5.886 min
Delta R.T.: 0.012 min
Response: 442625
Conc: 0.55 ng/ml



#18 Endrin aldehyde

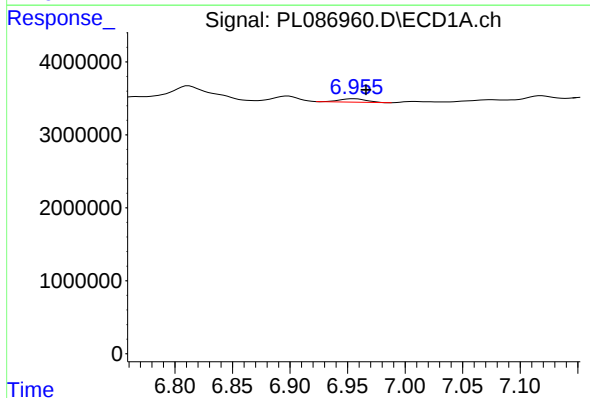
R.T.: 0.000 min
Exp R.T.: 6.730 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-2



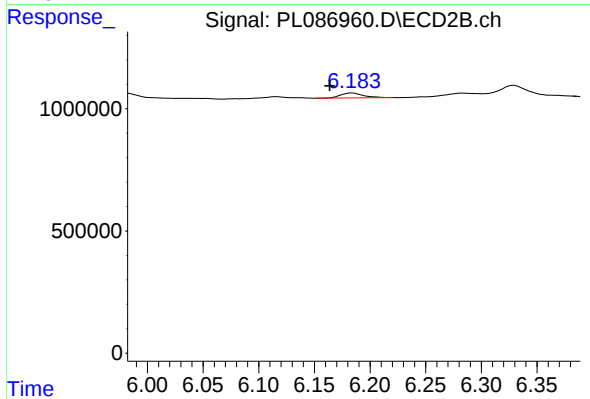
#18 Endrin aldehyde

R.T.: 5.935 min
Delta R.T.: -0.005 min
Response: 557921
Conc: 0.80 ng/ml



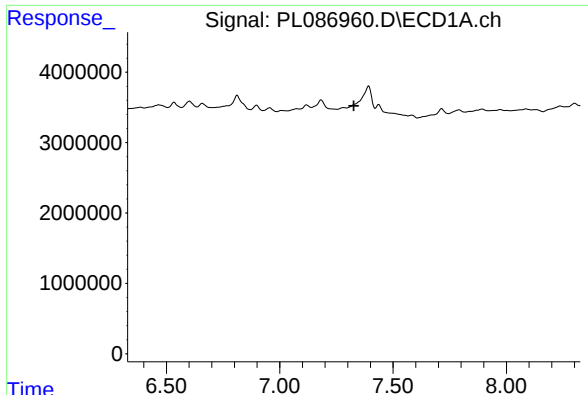
#19 Endosulfan Sulfate

R.T.: 6.956 min
Delta R.T.: -0.010 min
Response: 749182
Conc: 0.26 ng/ml



#19 Endosulfan Sulfate

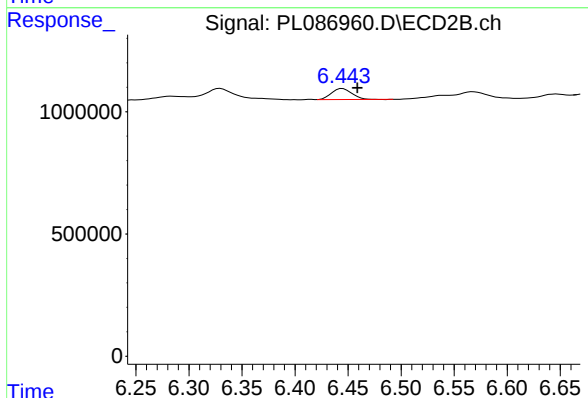
R.T.: 6.184 min
Delta R.T.: 0.020 min
Response: 286523
Conc: 0.30 ng/ml



#20 Methoxychlor

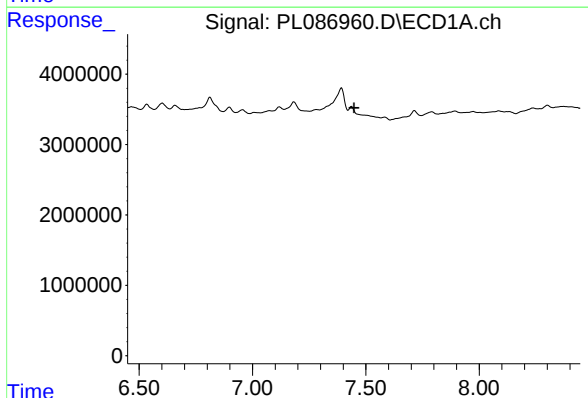
R.T.: 0.000 min
Exp R.T.: 7.327 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-2



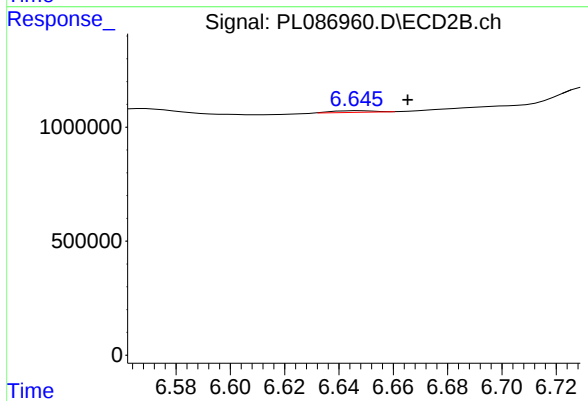
#20 Methoxychlor

R.T.: 6.445 min
Delta R.T.: -0.014 min
Response: 608836
Conc: 1.18 ng/ml



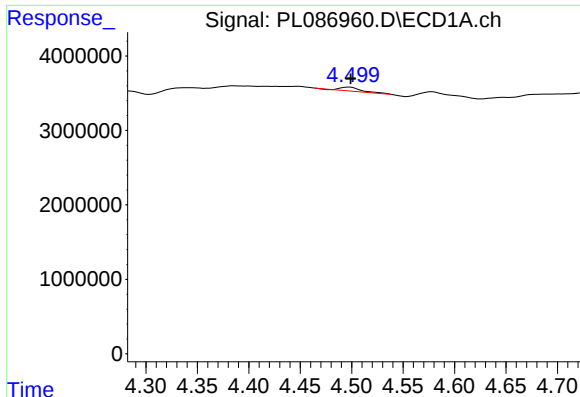
#21 Endrin ketone

R.T.: 7.437 min
Delta R.T.: -0.011 min
Response: -95676
Conc: N.D.



#21 Endrin ketone

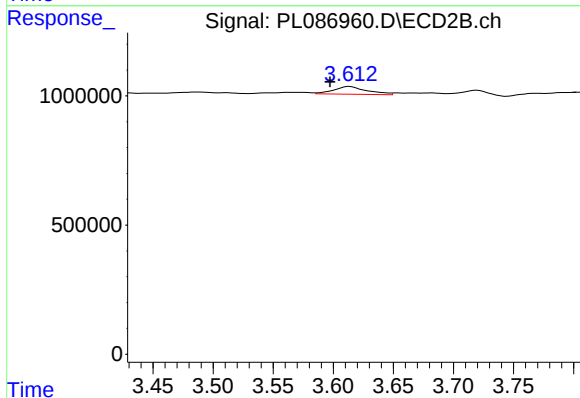
R.T.: 6.647 min
Delta R.T.: -0.019 min
Response: 73813
Conc: 0.06 ng/ml



#23 Chlordane-1

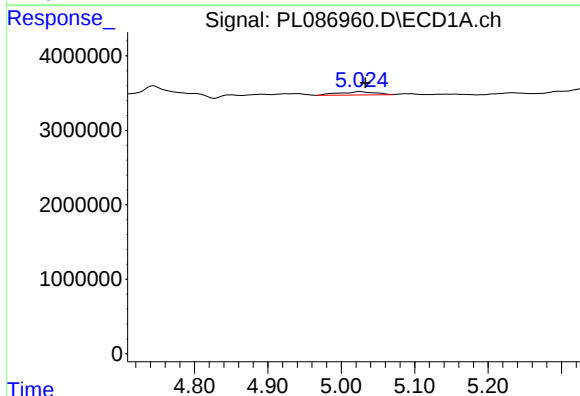
R.T.: 4.498 min
Delta R.T.: -0.001 min
Response: 664200
Conc: 5.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-2



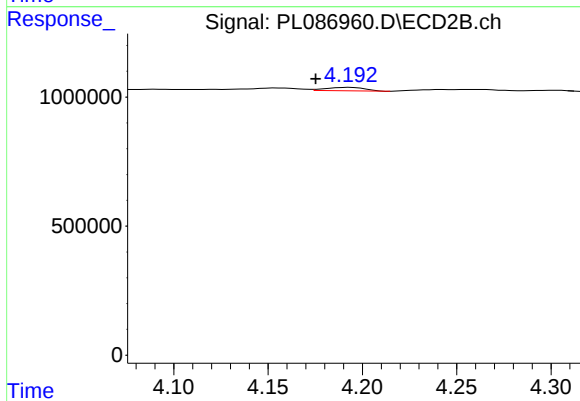
#23 Chlordane-1

R.T.: 3.614 min
Delta R.T.: 0.016 min
Response: 588876
Conc: 17.17 ng/ml



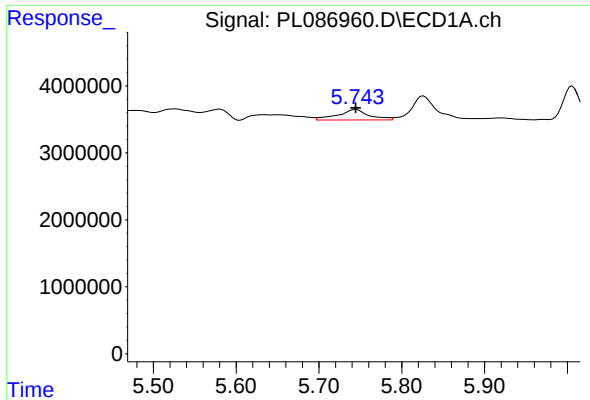
#24 Chlordane-2

R.T.: 5.026 min
Delta R.T.: -0.007 min
Response: 1586366
Conc: 11.25 ng/ml



#24 Chlordane-2

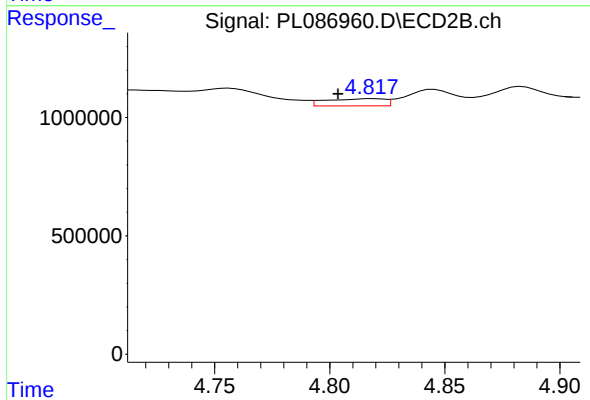
R.T.: 4.194 min
Delta R.T.: 0.019 min
Response: 188606
Conc: 4.59 ng/ml



#25 Chlordane-3

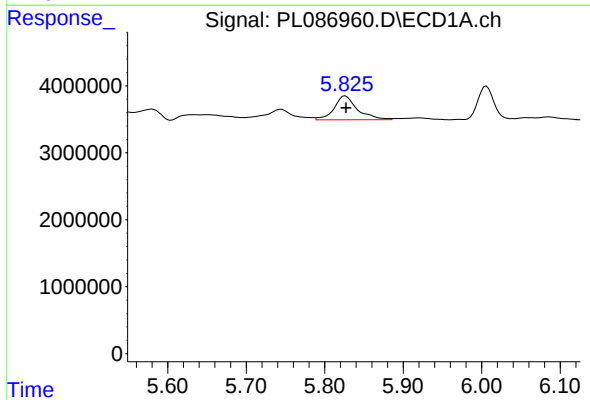
R.T.: 5.745 min
Delta R.T.: 0.000 min
Response: 4125686
Conc: 7.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-2



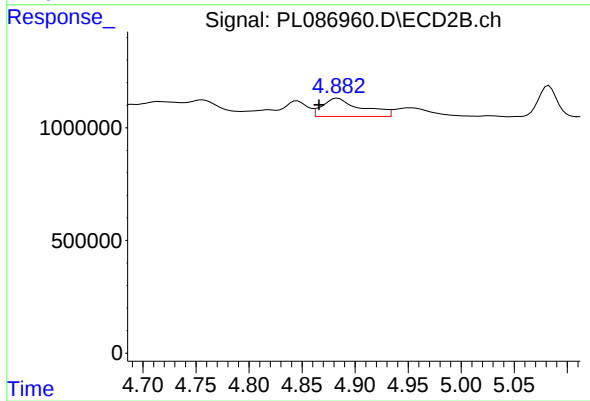
#25 Chlordane-3

R.T.: 4.819 min
Delta R.T.: 0.015 min
Response: 536112
Conc: 4.90 ng/ml



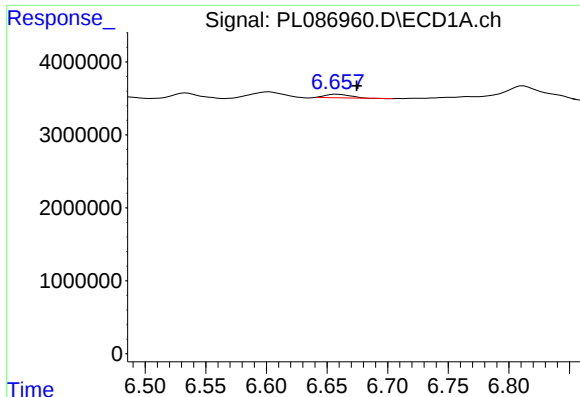
#26 Chlordane-4

R.T.: 5.826 min
Delta R.T.: -0.001 min
Response: 7397093
Conc: 11.09 ng/ml



#26 Chlordane-4

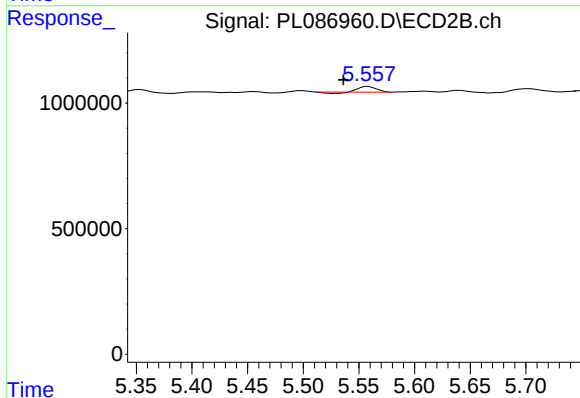
R.T.: 4.884 min
Delta R.T.: 0.018 min
Response: 2055544
Conc: 15.12 ng/ml



#27 Chlordane-5

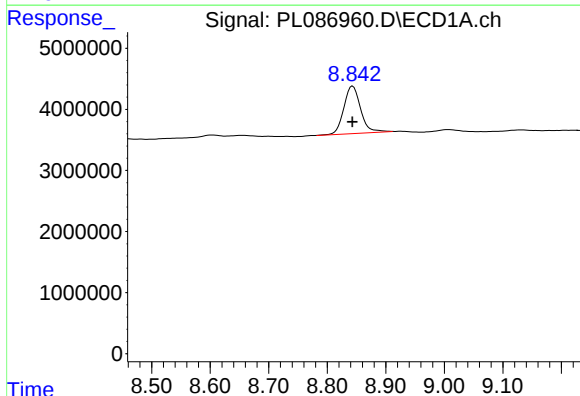
R.T.: 6.658 min
Delta R.T.: -0.016 min
Response: 642415
Conc: 6.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-2



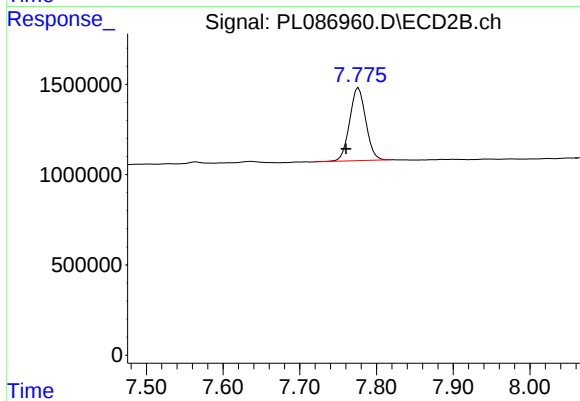
#27 Chlordane-5

R.T.: 5.558 min
Delta R.T.: 0.022 min
Response: 213751
Conc: 6.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.843 min
Delta R.T.: 0.000 min
Response: 15555512
Conc: 5.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.777 min
Delta R.T.: 0.016 min
Response: 5972452
Conc: 5.42 ng/ml