

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120423\
 Data File : PL086961.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Dec 2023 17:46
 Operator : AR\AJ
 Sample : 05600-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TOPSOIL-LKWD-DENALI-3

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 04 20:36:01 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	2.609	28288302	7720486	8.848	8.489
28)	SA Decachlor...	8.844	7.760	16752419	6595345	6.275	5.982
Target Compounds							
2)	A alpha-BHC	0.000	3.092f	0	16563	N.D.	0.013 #
3)	MA gamma-BHC...	0.000	3.438	0	19274	N.D.	0.016 #
4)	MA Heptachlor	4.743f	3.756f	589867	147230	0.149	0.126
5)	MB Aldrin	5.029f	4.041	1505620	244643	0.357	0.200 #
6)	B beta-BHC	4.352f	3.756f	456536	147230	0.244	0.278
7)	B delta-BHC	4.578	3.968	954175	32595	0.225	0.028 #
8)	B Heptachlo...	0.000	4.552	0	114259	N.D.	0.100 #
10)	B gamma-Chl...	5.745	4.799	4167119	417179	1.108	0.364 #
11)	B alpha-Chl...	5.827	4.866	8462405	2019965	2.248	1.519 #
12)	B 4,4'-DDE	6.006	5.066	6957709	1728793	2.301	1.883
13)	MA Dieldrin	6.156	5.194	208939	59891	0.060	0.056
14)	MA Endrin	0.000	5.476f	0	183790	N.D.	0.218 #
15)	B Endosulfa...	6.602	5.753	1585918	229203	0.556	0.247 #
16)	A 4,4'-DDD	6.534	5.625	823905	87173	0.352	0.113 #
17)	MA 4,4'-DDT	6.814f	5.870	5185544	445769	2.020	0.553 #
18)	B Endrin al...	0.000	5.958f	0	534099	N.D.	0.765 #
19)	B Endosulfa...	6.956	6.168	675618	333318	0.237	0.351 #
20)	A Methoxychlor	0.000	6.481f	0	21578	N.D.	0.042 #
21)	B Endrin ke...	7.437	0.000	179754	0	0.060	N.D. #
22)	Mirex	0.000	6.827	0	157522	N.D.	0.152 #
23)	Chlordane-1	4.497	3.597	872616	865375	6.724	25.231 #
24)	Chlordane-2	5.029	4.177	1505620	200810	10.673	4.890 #
25)	Chlordane-3	5.745	4.799	4167119	417179	7.874	3.810 #
26)	Chlordane-4	5.827	4.866	8462405	2019965	12.693	14.863
27)	Chlordane-5	6.660	5.542	629183	282146	6.317	9.087 #

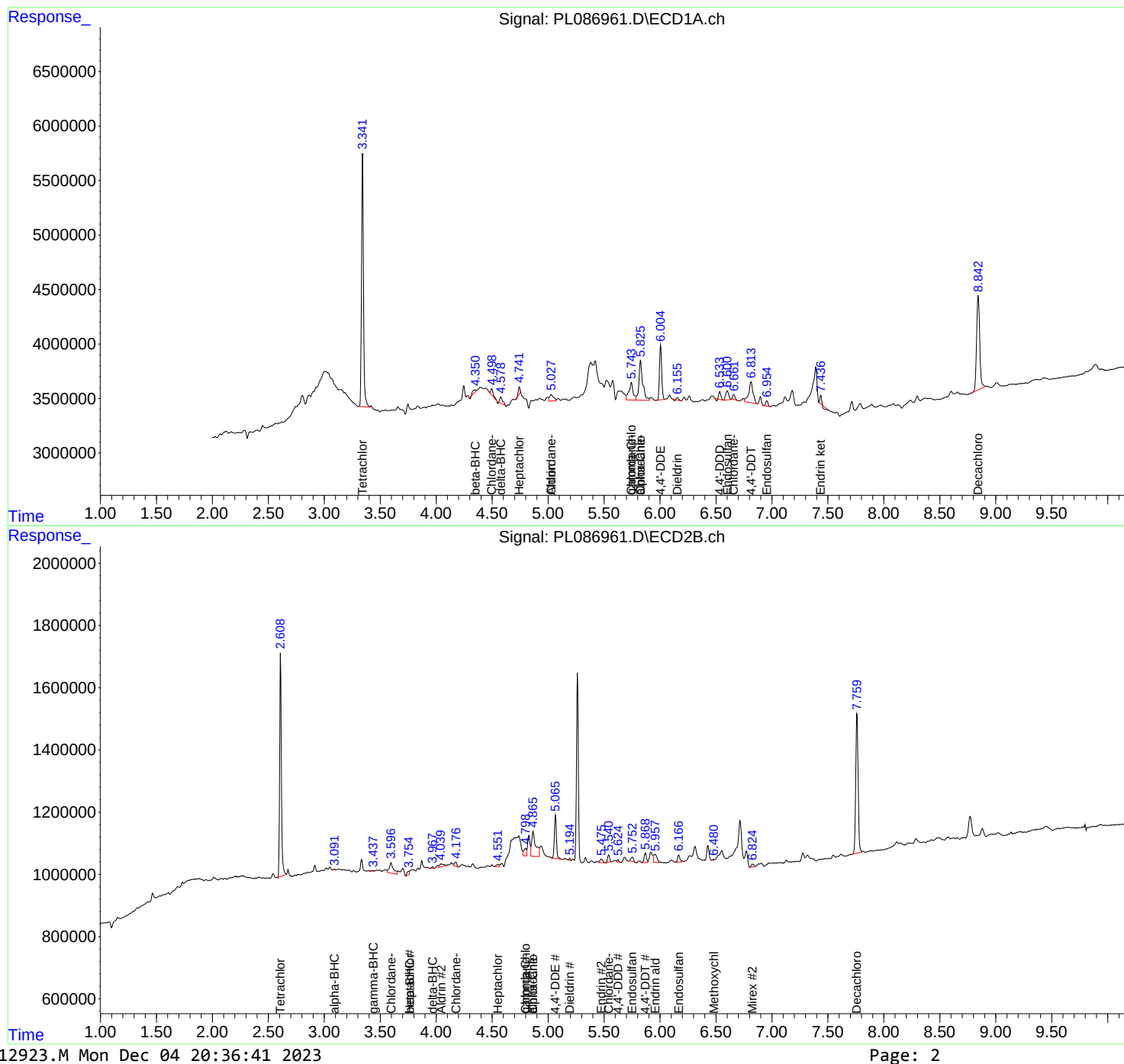
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

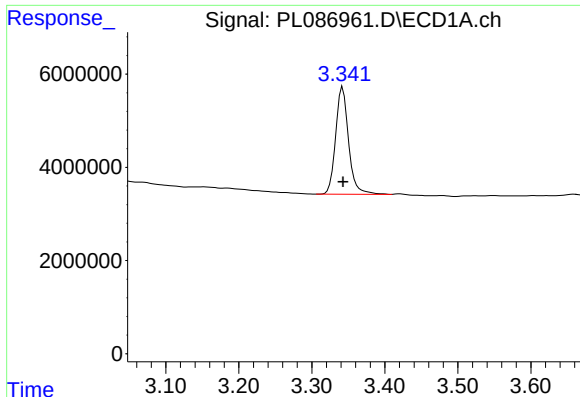
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120423\
Data File : PL086961.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Dec 2023 17:46
Operator : AR\AJ
Sample : 05600-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-3

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 04 20:36:01 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

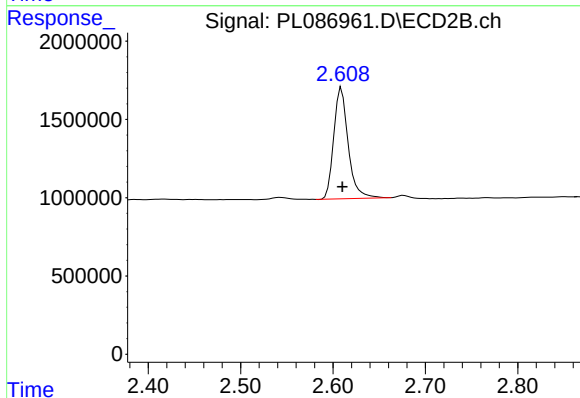




#1 Tetrachloro-m-xylene

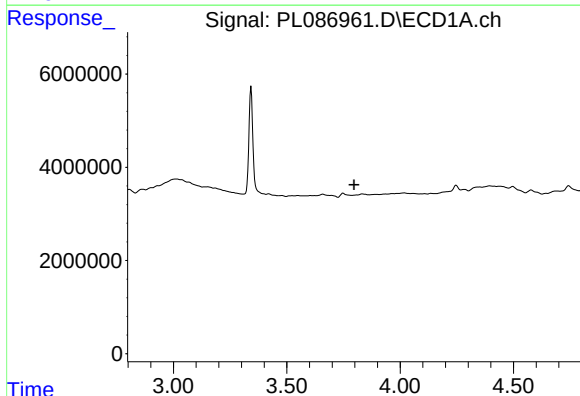
R.T.: 3.342 min
Delta R.T.: 0.000 min
Response: 28288302
Conc: 8.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-3



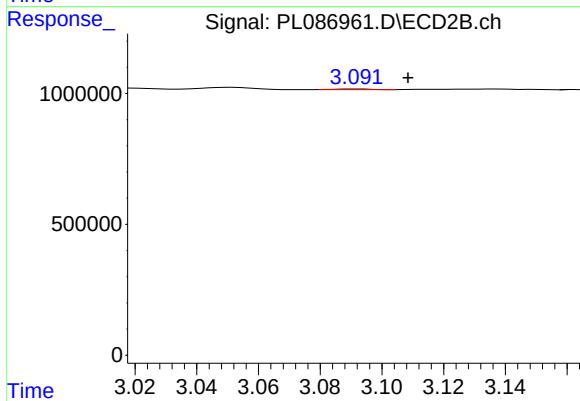
#1 Tetrachloro-m-xylene

R.T.: 2.609 min
Delta R.T.: -0.001 min
Response: 7720486
Conc: 8.49 ng/ml



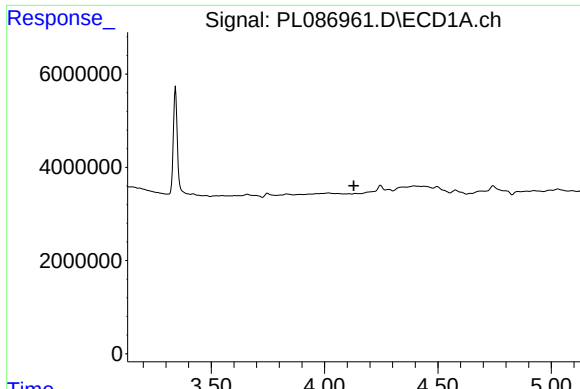
#2 alpha-BHC

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



#2 alpha-BHC

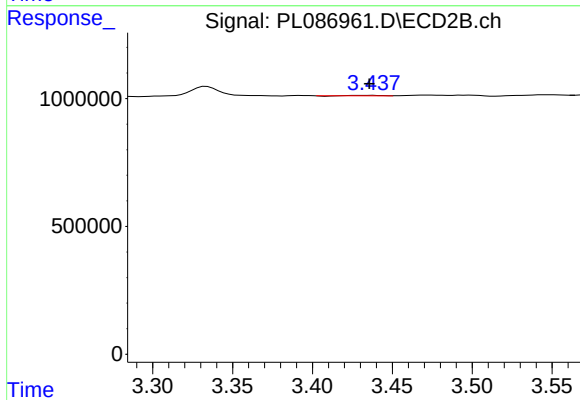
R.T.: 3.092 min
Delta R.T.: -0.016 min
Response: 16563
Conc: 0.01 ng/ml



#3 gamma-BHC (Lindane)

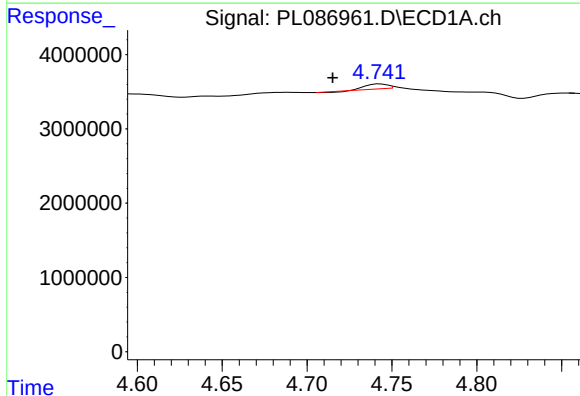
R.T.: 0.000 min
Exp R.T.: 4.129 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-3



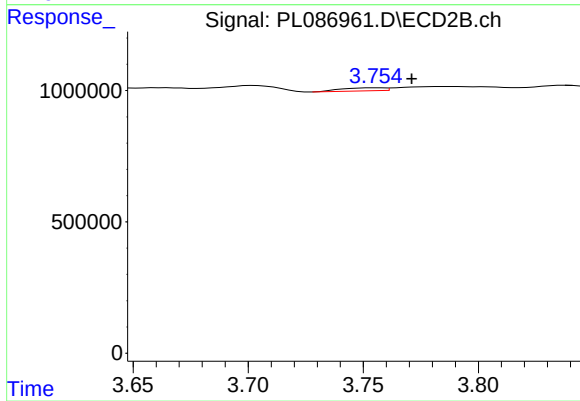
#3 gamma-BHC (Lindane)

R.T.: 3.438 min
Delta R.T.: 0.002 min
Response: 19274
Conc: 0.02 ng/ml



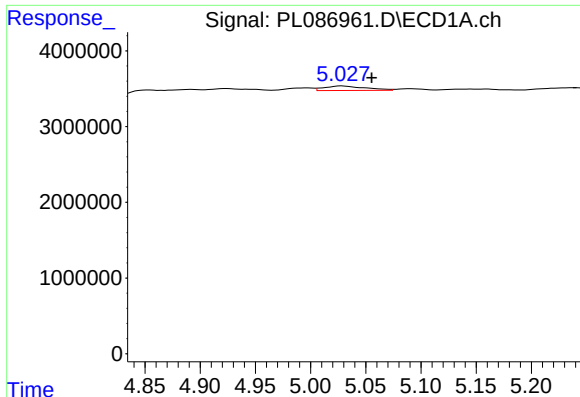
#4 Heptachlor

R.T.: 4.743 min
Delta R.T.: 0.028 min
Response: 589867
Conc: 0.15 ng/ml



#4 Heptachlor

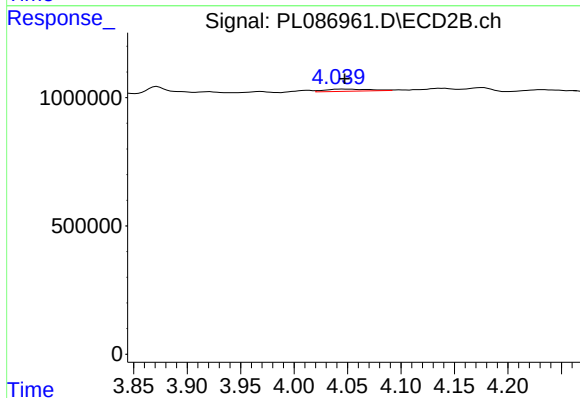
R.T.: 3.756 min
Delta R.T.: -0.015 min
Response: 147230
Conc: 0.13 ng/ml



#5 Aldrin

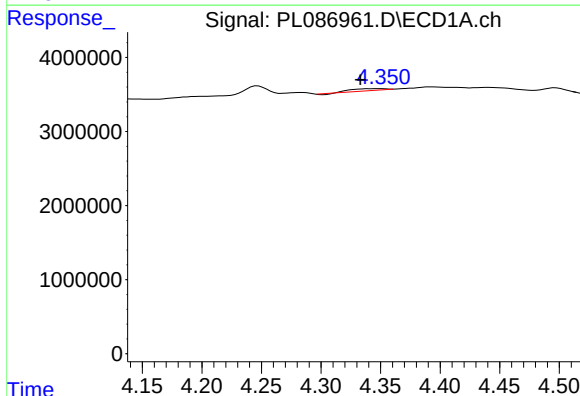
R.T.: 5.029 min
Delta R.T.: -0.027 min
Response: 1505620
Conc: 0.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-3



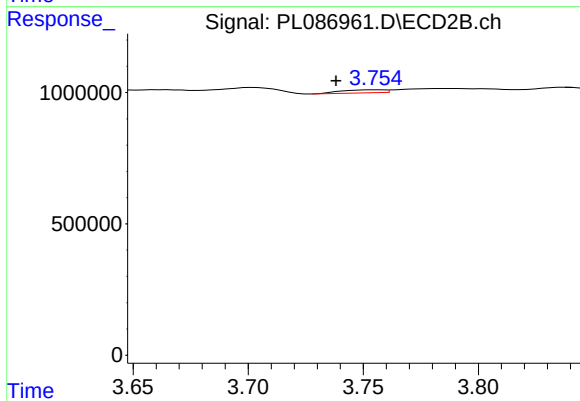
#5 Aldrin

R.T.: 4.041 min
Delta R.T.: -0.006 min
Response: 244643
Conc: 0.20 ng/ml



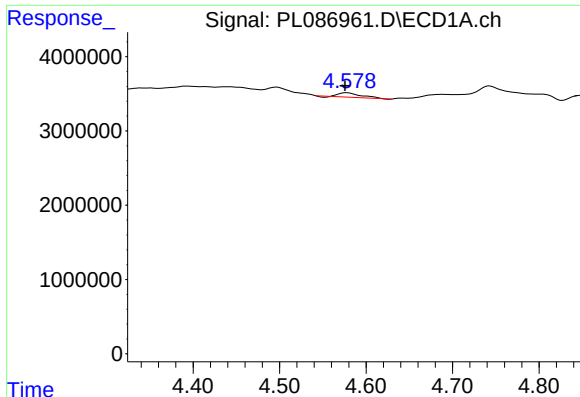
#6 beta-BHC

R.T.: 4.352 min
Delta R.T.: 0.018 min
Response: 456536
Conc: 0.24 ng/ml



#6 beta-BHC

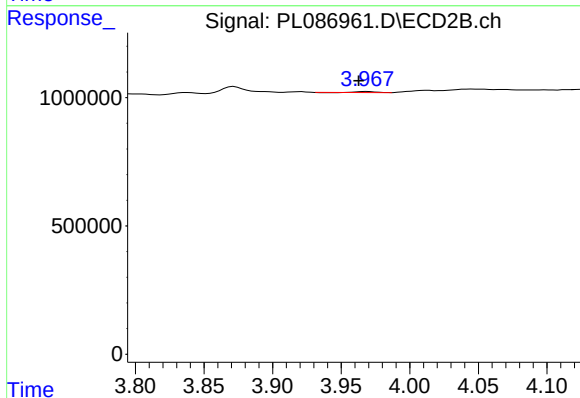
R.T.: 3.756 min
Delta R.T.: 0.018 min
Response: 147230
Conc: 0.28 ng/ml



#7 delta-BHC

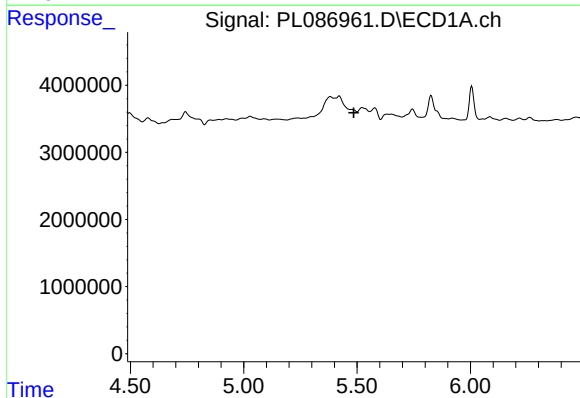
R.T.: 4.578 min
Delta R.T.: 0.002 min
Response: 954175
Conc: 0.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-3



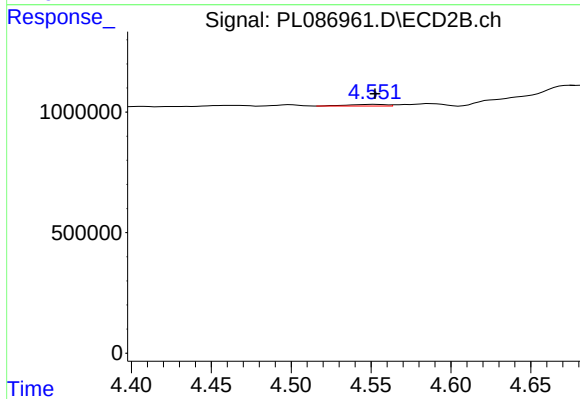
#7 delta-BHC

R.T.: 3.968 min
Delta R.T.: 0.006 min
Response: 32595
Conc: 0.03 ng/ml



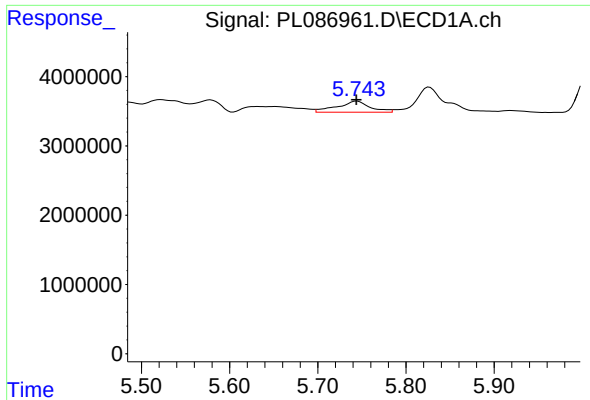
#8 Heptachlor epoxide

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



#8 Heptachlor epoxide

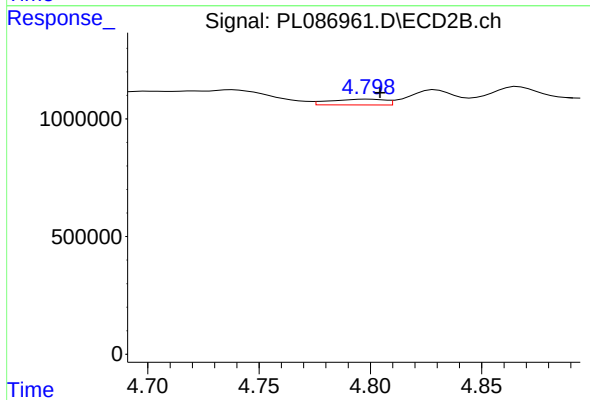
R.T.: 4.552 min
Delta R.T.: 0.000 min
Response: 114259
Conc: 0.10 ng/ml



#10 gamma-Chlordane

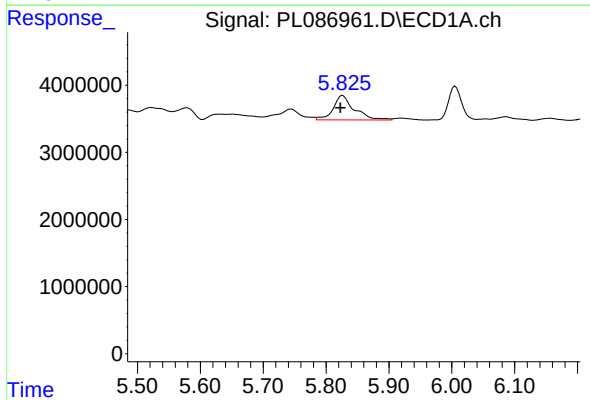
R.T.: 5.745 min
Delta R.T.: 0.000 min
Response: 4167119
Conc: 1.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-3



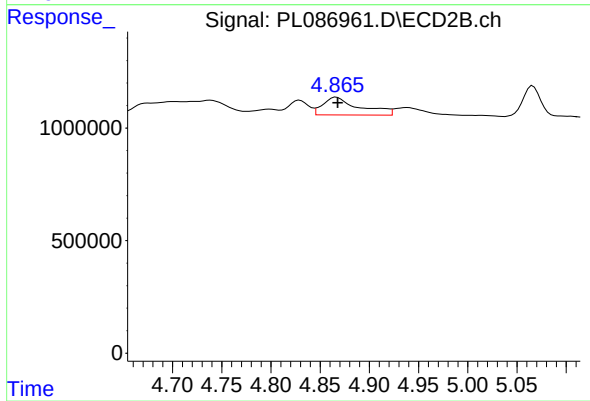
#10 gamma-Chlordane

R.T.: 4.799 min
Delta R.T.: -0.005 min
Response: 417179
Conc: 0.36 ng/ml



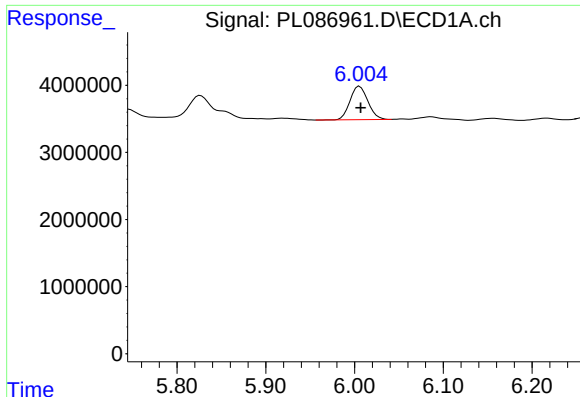
#11 alpha-Chlordane

R.T.: 5.827 min
Delta R.T.: 0.004 min
Response: 8462405
Conc: 2.25 ng/ml



#11 alpha-Chlordane

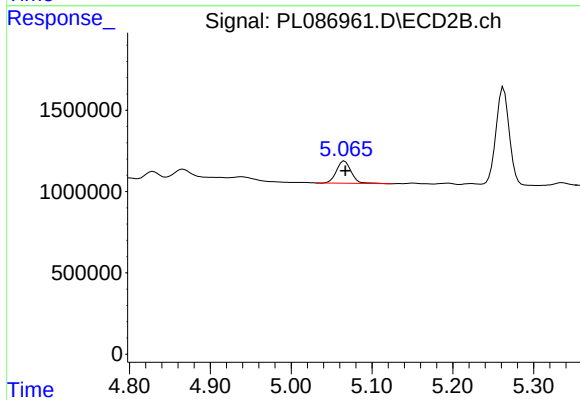
R.T.: 4.866 min
Delta R.T.: -0.001 min
Response: 2019965
Conc: 1.52 ng/ml



#12 4,4'-DDE

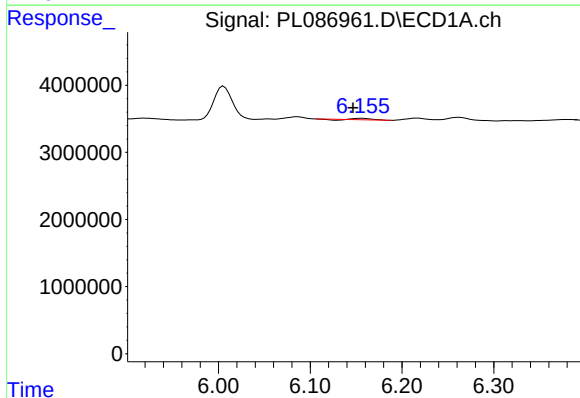
R.T.: 6.006 min
Delta R.T.: -0.001 min
Response: 6957709
Conc: 2.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-3



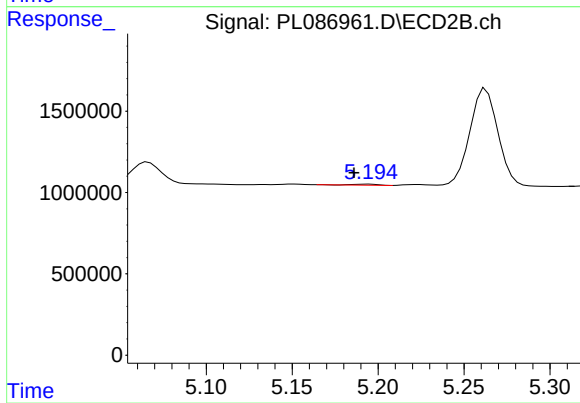
#12 4,4'-DDE

R.T.: 5.066 min
Delta R.T.: -0.001 min
Response: 1728793
Conc: 1.88 ng/ml



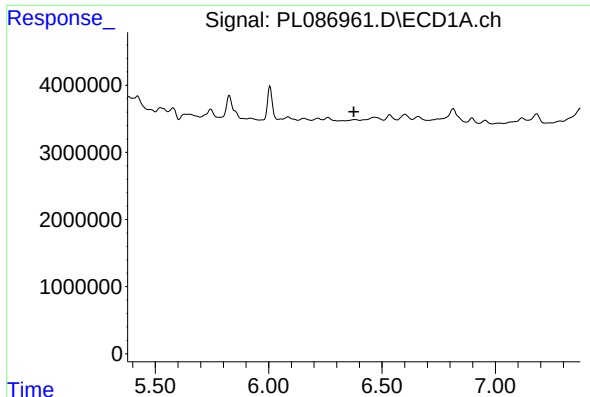
#13 Dieldrin

R.T.: 6.156 min
Delta R.T.: 0.009 min
Response: 208939
Conc: 0.06 ng/ml



#13 Dieldrin

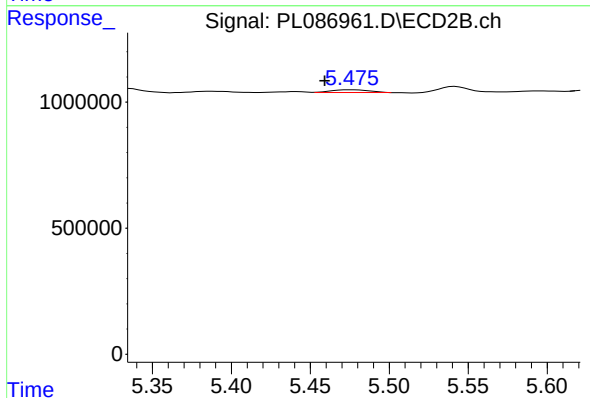
R.T.: 5.194 min
Delta R.T.: 0.008 min
Response: 59891
Conc: 0.06 ng/ml



#14 Endrin

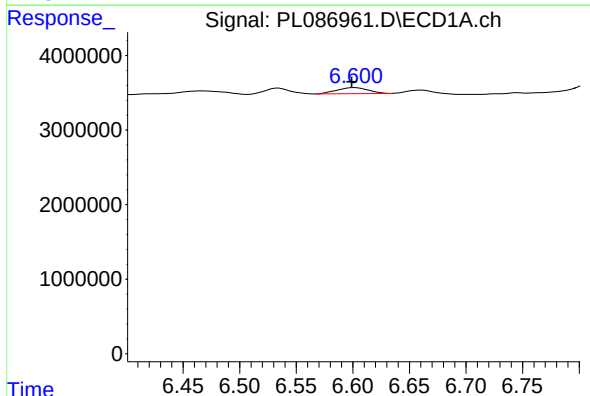
R.T.: 0.000 min
Exp R.T.: 6.375 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-3



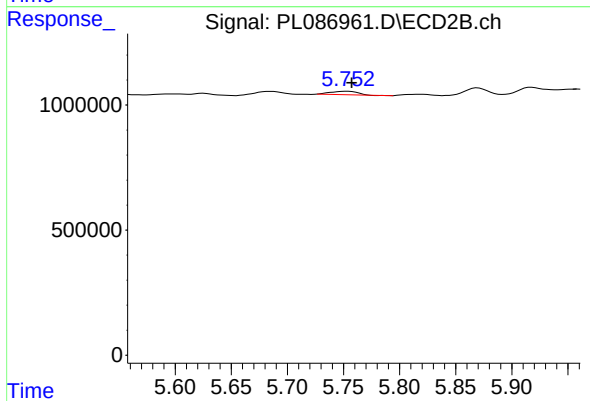
#14 Endrin

R.T.: 5.476 min
Delta R.T.: 0.017 min
Response: 183790
Conc: 0.22 ng/ml



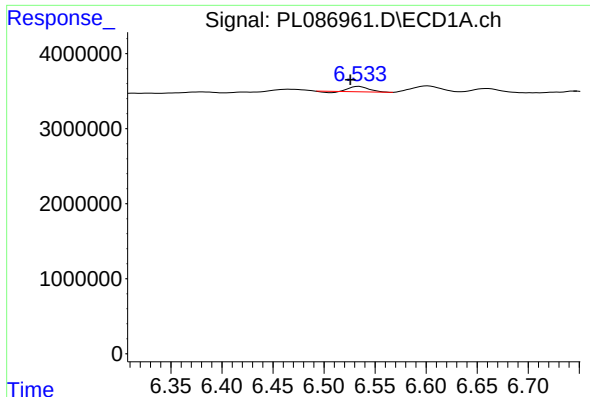
#15 Endosulfan II

R.T.: 6.602 min
Delta R.T.: 0.002 min
Response: 1585918
Conc: 0.56 ng/ml



#15 Endosulfan II

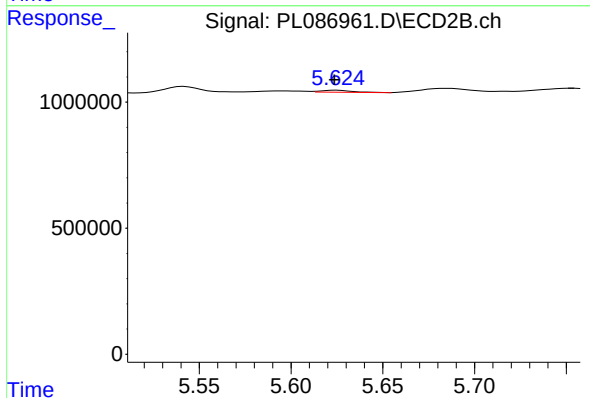
R.T.: 5.753 min
Delta R.T.: -0.004 min
Response: 229203
Conc: 0.25 ng/ml



#16 4,4'-DDD

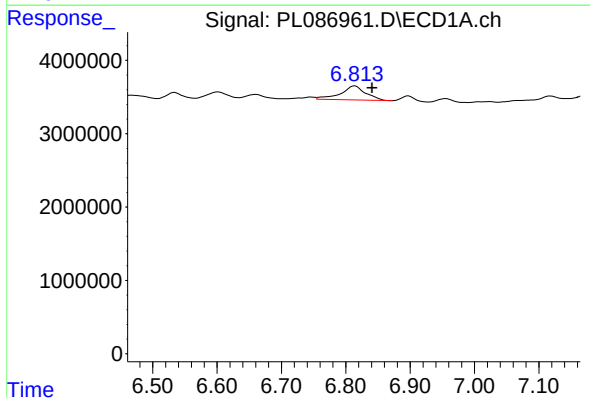
R.T.: 6.534 min
Delta R.T.: 0.008 min
Response: 823905
Conc: 0.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-3



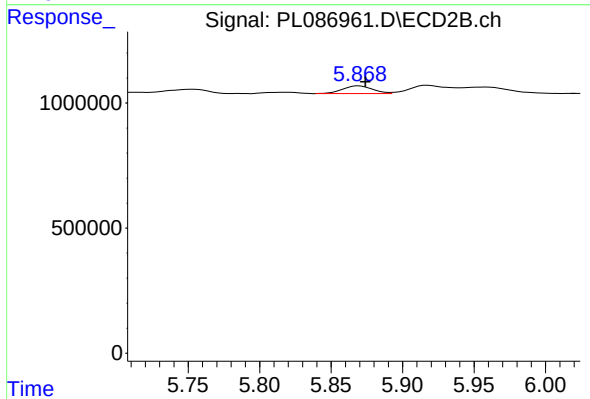
#16 4,4'-DDD

R.T.: 5.625 min
Delta R.T.: 0.002 min
Response: 87173
Conc: 0.11 ng/ml



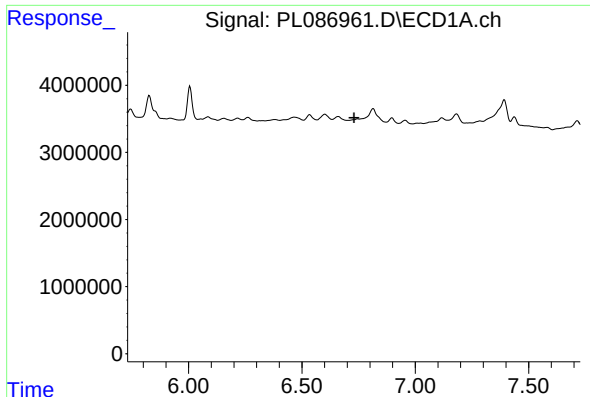
#17 4,4'-DDT

R.T.: 6.814 min
Delta R.T.: -0.027 min
Response: 5185544
Conc: 2.02 ng/ml



#17 4,4'-DDT

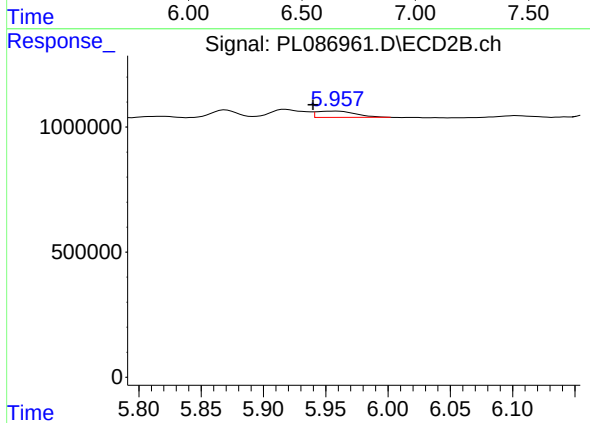
R.T.: 5.870 min
Delta R.T.: -0.004 min
Response: 445769
Conc: 0.55 ng/ml



#18 Endrin aldehyde

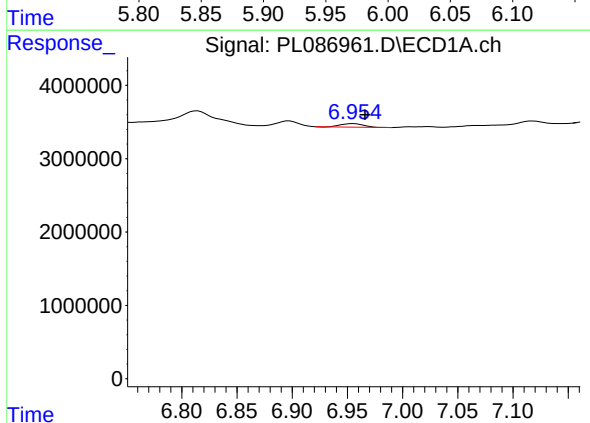
R.T.: 0.000 min
Exp R.T.: 6.730 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-3



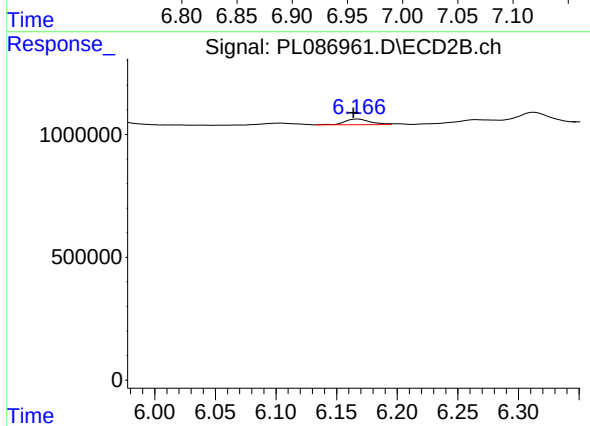
#18 Endrin aldehyde

R.T.: 5.958 min
Delta R.T.: 0.018 min
Response: 534099
Conc: 0.76 ng/ml



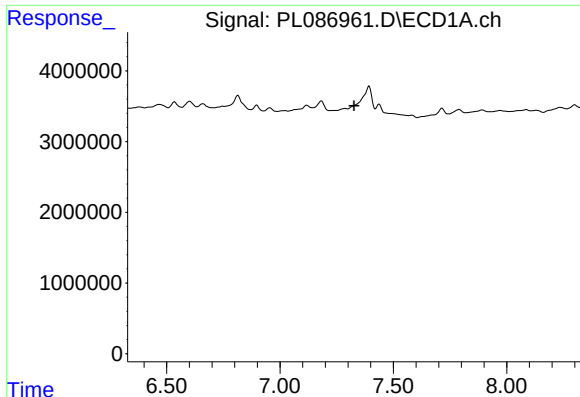
#19 Endosulfan Sulfate

R.T.: 6.956 min
Delta R.T.: -0.010 min
Response: 675618
Conc: 0.24 ng/ml



#19 Endosulfan Sulfate

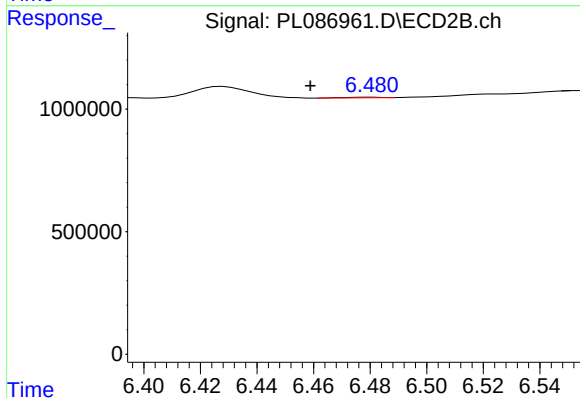
R.T.: 6.168 min
Delta R.T.: 0.004 min
Response: 333318
Conc: 0.35 ng/ml



#20 Methoxychlor

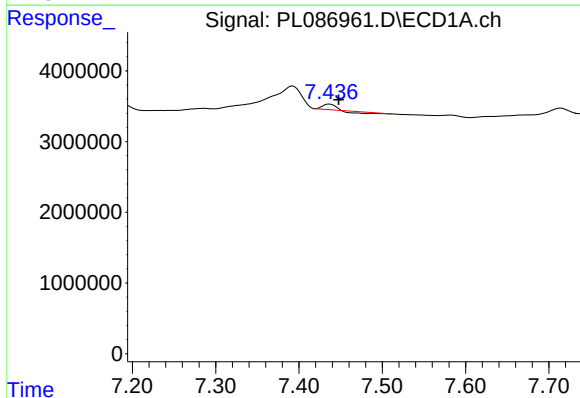
R.T.: 0.000 min
Exp R.T.: 7.327 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-3



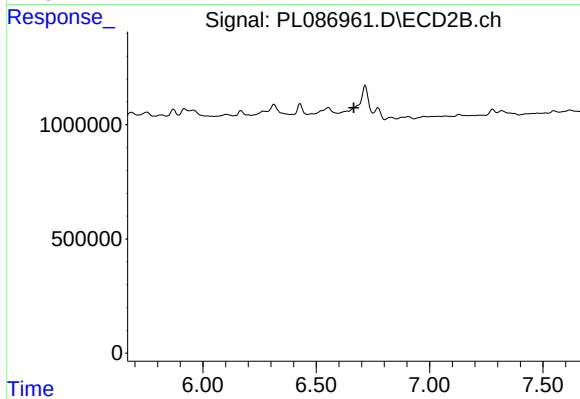
#20 Methoxychlor

R.T.: 6.481 min
Delta R.T.: 0.022 min
Response: 21578
Conc: 0.04 ng/ml



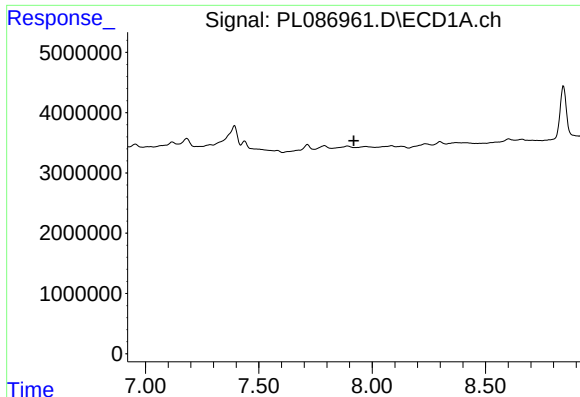
#21 Endrin ketone

R.T.: 7.437 min
Delta R.T.: -0.011 min
Response: 179754
Conc: 0.06 ng/ml



#21 Endrin ketone

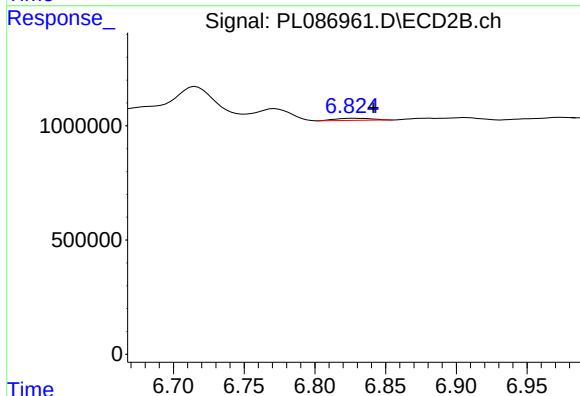
R.T.: 0.000 min
Exp R.T.: 6.665 min
Response: 0
Conc: N.D.



#22 Mirex

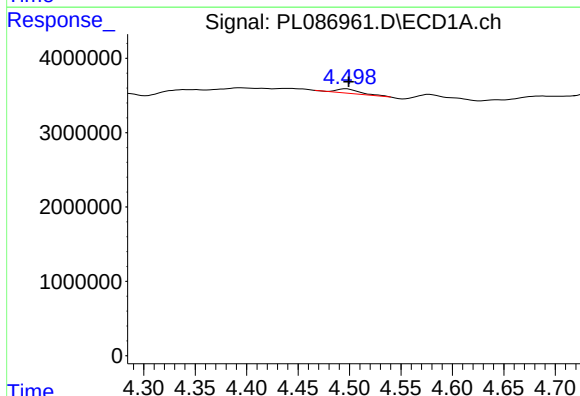
R.T.: 0.000 min
Exp R.T.: 7.919 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-3



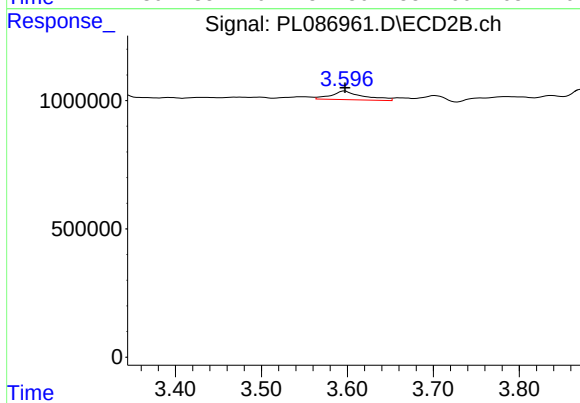
#22 Mirex

R.T.: 6.827 min
Delta R.T.: -0.015 min
Response: 157522
Conc: 0.15 ng/ml



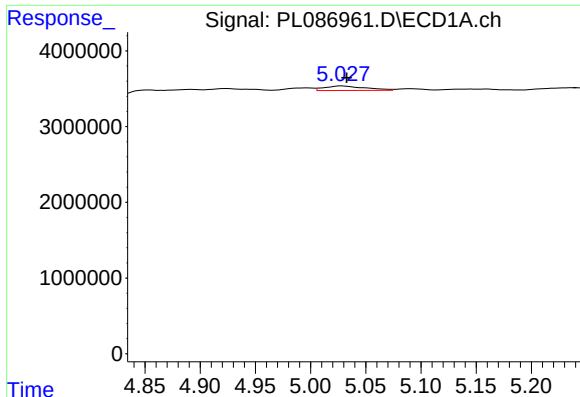
#23 Chlordane-1

R.T.: 4.497 min
Delta R.T.: -0.002 min
Response: 872616
Conc: 6.72 ng/ml



#23 Chlordane-1

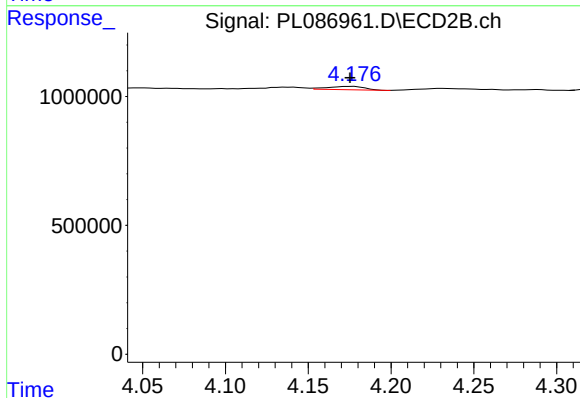
R.T.: 3.597 min
Delta R.T.: 0.000 min
Response: 865375
Conc: 25.23 ng/ml



#24 Chlordane-2

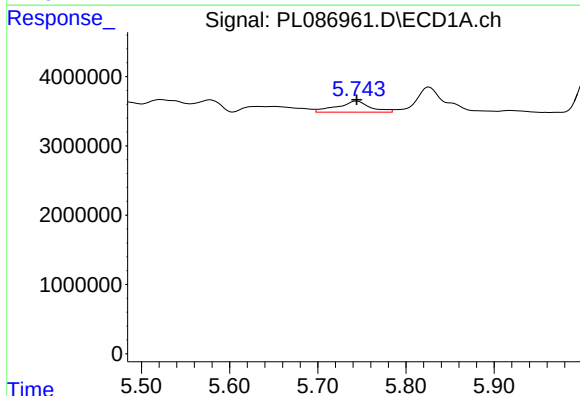
R.T.: 5.029 min
Delta R.T.: -0.004 min
Response: 1505620
Conc: 10.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-3



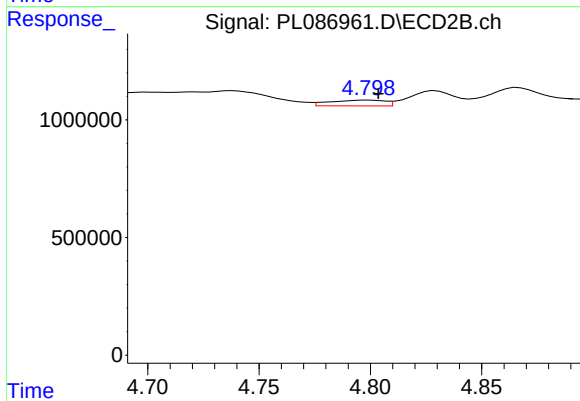
#24 Chlordane-2

R.T.: 4.177 min
Delta R.T.: 0.001 min
Response: 200810
Conc: 4.89 ng/ml



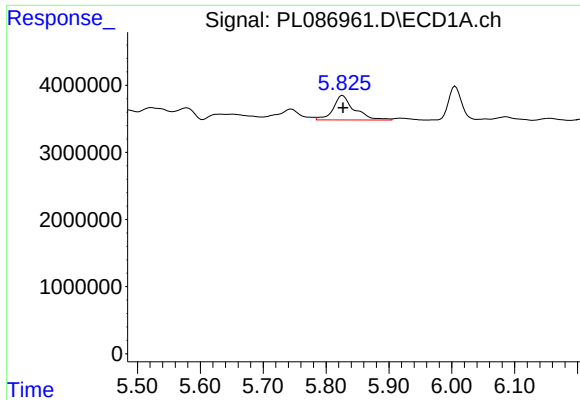
#25 Chlordane-3

R.T.: 5.745 min
Delta R.T.: 0.000 min
Response: 4167119
Conc: 7.87 ng/ml



#25 Chlordane-3

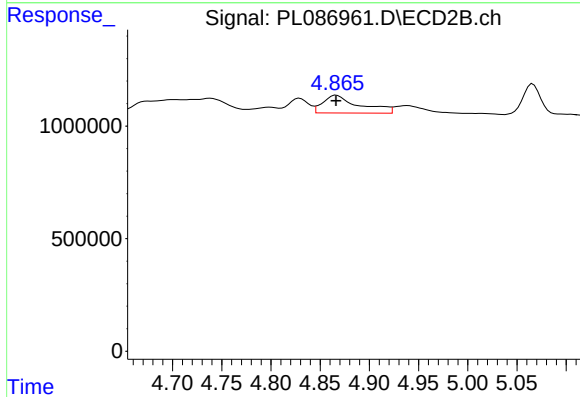
R.T.: 4.799 min
Delta R.T.: -0.004 min
Response: 417179
Conc: 3.81 ng/ml



#26 Chlordane-4

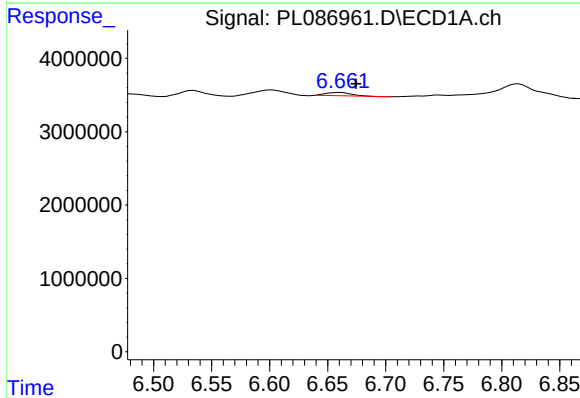
R.T.: 5.827 min
Delta R.T.: 0.000 min
Response: 8462405
Conc: 12.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-3



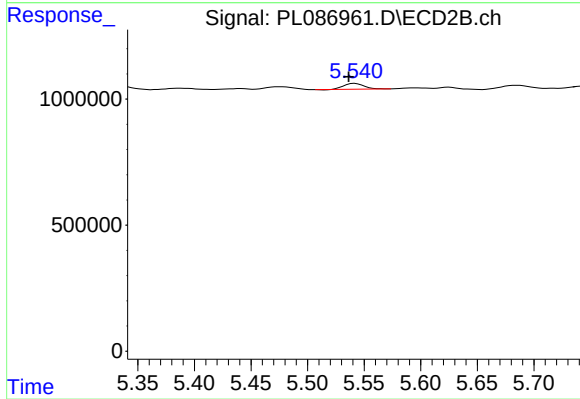
#26 Chlordane-4

R.T.: 4.866 min
Delta R.T.: 0.000 min
Response: 2019965
Conc: 14.86 ng/ml



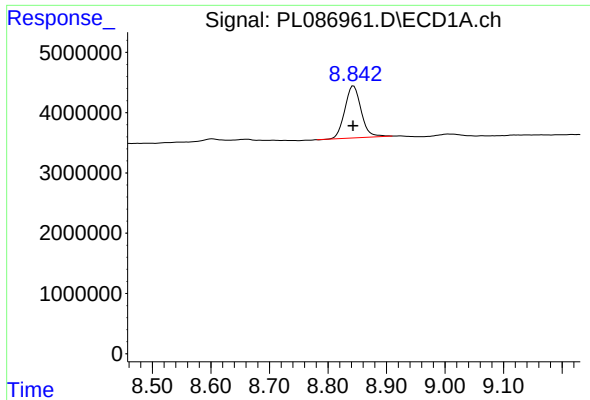
#27 Chlordane-5

R.T.: 6.660 min
Delta R.T.: -0.014 min
Response: 629183
Conc: 6.32 ng/ml



#27 Chlordane-5

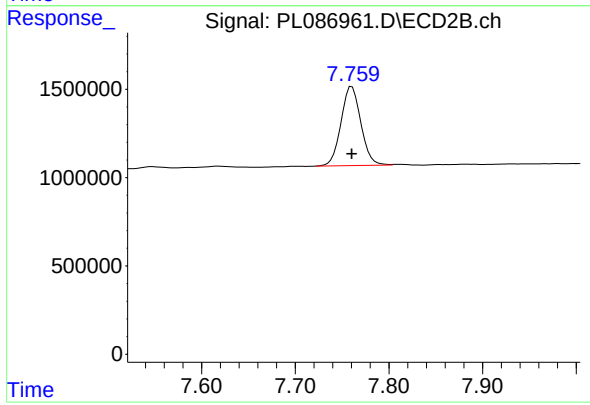
R.T.: 5.542 min
Delta R.T.: 0.006 min
Response: 282146
Conc: 9.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.844 min
Delta R.T.: 0.000 min
Response: 16752419
Conc: 6.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-3



#28 Decachlorobiphenyl

R.T.: 7.760 min
Delta R.T.: 0.000 min
Response: 6595345
Conc: 5.98 ng/ml