

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042324\
 Data File : PL089136.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2024 09:54
 Operator : AR\AJ
 Sample : P2178-01RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TOPSOIL-LKWD-DENALI-4RE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 11:44:47 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041524.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 15 18:43:22 2024
 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...	3.554	2.798	24425819	14393470	11.493	10.799
28)	SA Decachlor...	9.066	7.950	10467493	10186778	8.218	7.607
Target Compounds							
2)	A alpha-BHC	0.000	3.300	0	261559	N.D.	0.132 #
3)	MA gamma-BHC...	4.315f	3.651f	255659	219549	0.089	0.114 #
4)	MA Heptachlor	4.921	3.985	249594	410640	0.100	0.229 #
5)	MB Aldrin	5.269	4.261	2917492	1401326	1.124	0.764 #
6)	B beta-BHC	4.539	0.000	107098	0	0.080	N.D. #
7)	B delta-BHC	4.781	4.163	467104	588394	0.175	0.322 #
8)	B Heptachlo...	5.692	4.759	11422986	205772	4.841	0.124 #
9)	A Endosulfan I	6.094	0.000	1375605	0	0.629	N.D. #
10)	B gamma-Chl...	5.953	5.036f	9865724	1763154	4.292	1.075 #
11)	B alpha-Chl...	6.036	5.075	17005979	1750939	7.428	1.059 #
12)	B 4,4'-DDE	6.204	5.264	14272688	2720673	7.102	1.850 #
13)	MA Dieldrin	6.356	5.397	7922094	189956	3.513	0.116 #
14)	MA Endrin	6.584	5.685	4017234	401425	2.138	0.276 #
15)	B Endosulfa...	6.805	5.970	1390513	269460	0.722	0.188 #
16)	A 4,4'-DDD	6.728	5.821	5703063	67389	3.538	0.056 #
17)	MA 4,4'-DDT	7.033	6.069	2442182	1343119	1.340	1.025
18)	B Endrin al...	6.942	6.163f	-110331	240137	N.D.	0.219
19)	B Endosulfa...	7.151f	6.366	284595	467637	0.166	0.346 #
20)	A Methoxychlor	7.512	6.621f	387576	508941	0.440	0.681 #
21)	B Endrin ke...	7.659	0.000	90789	0	0.047	N.D. #
22)	Mirex	8.105f	0.000	1646888	0	1.121	N.D. #
23)	Chlordane-1	4.712	3.802	617959	580191	6.803	11.302 #
24)	Chlordane-2	5.239	4.382	3494511	1111019	36.995	17.107 #
25)	Chlordane-3	5.953	5.036f	9865724	1763154	30.610	10.209 #
26)	Chlordane-4	6.036	5.075	17005979	1750939	43.018	10.795 #
27)	Chlordane-5	6.857f	5.740	797265	460978	10.530	9.144

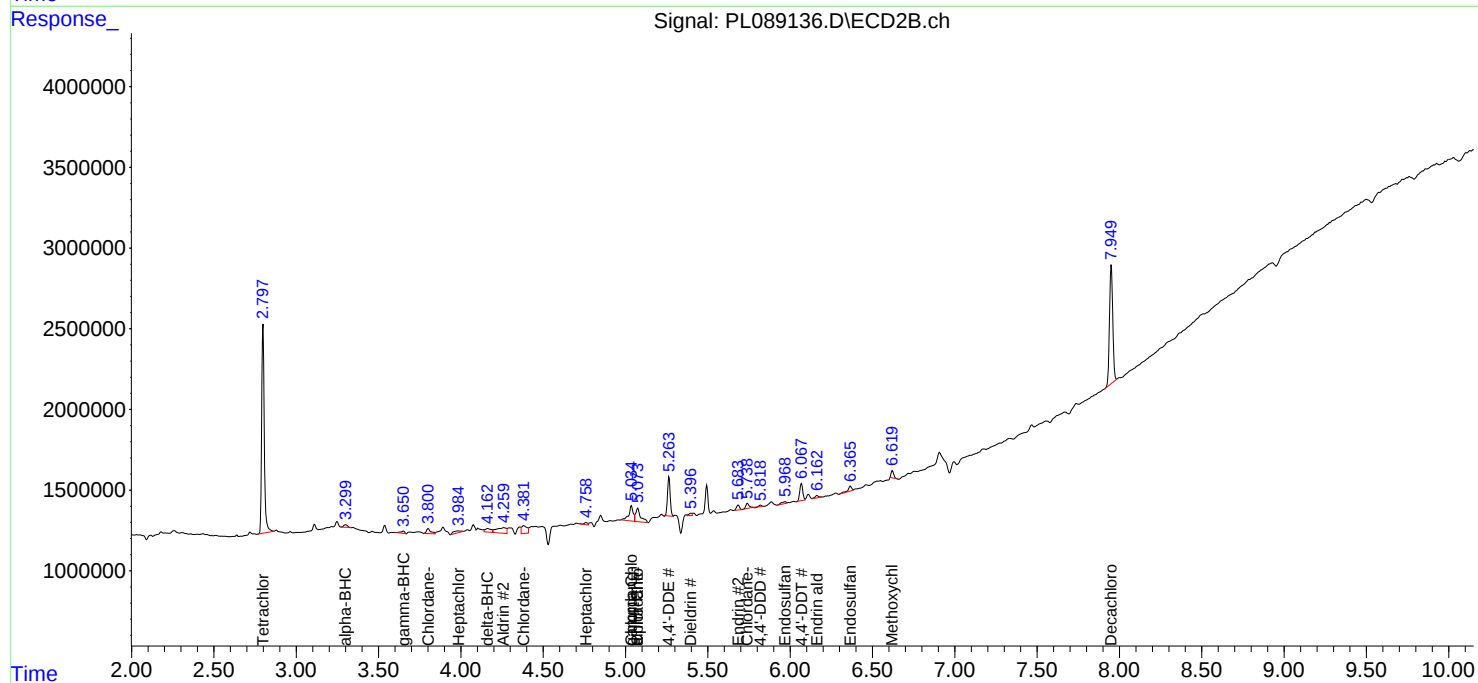
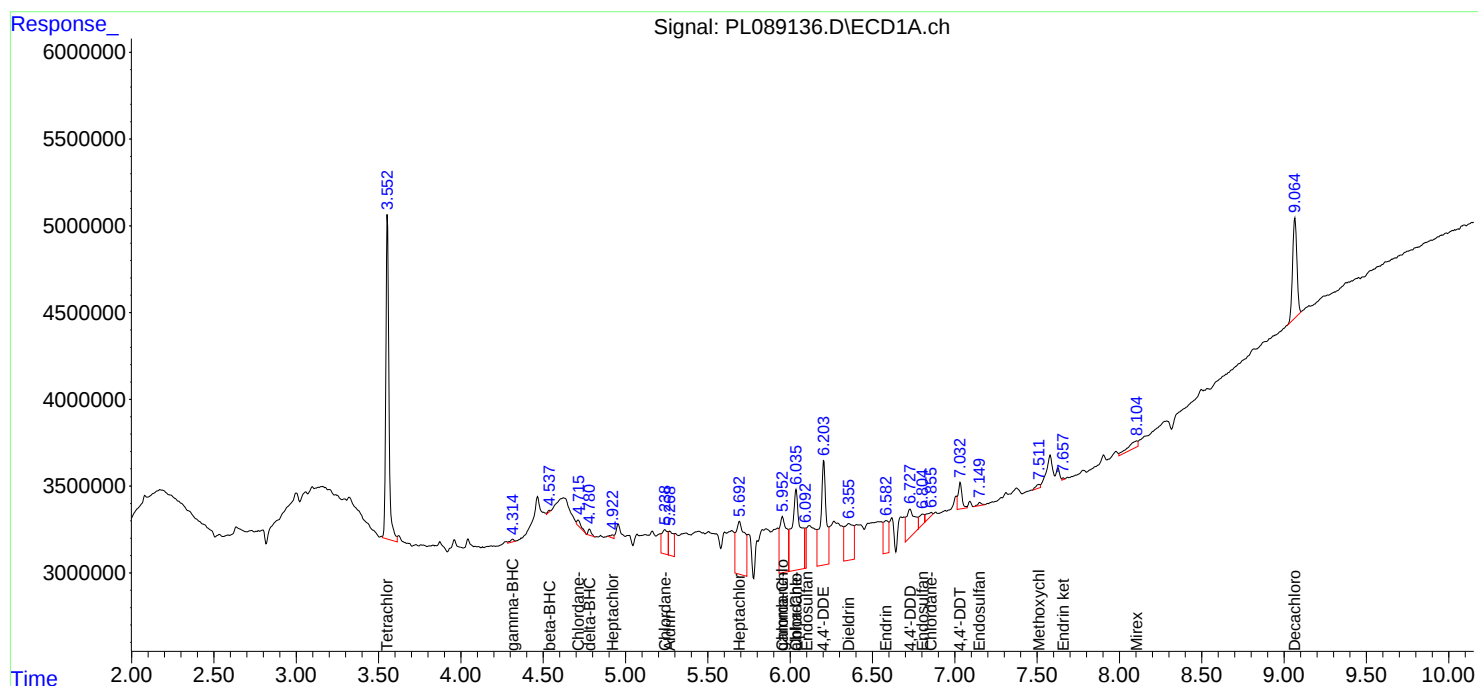
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

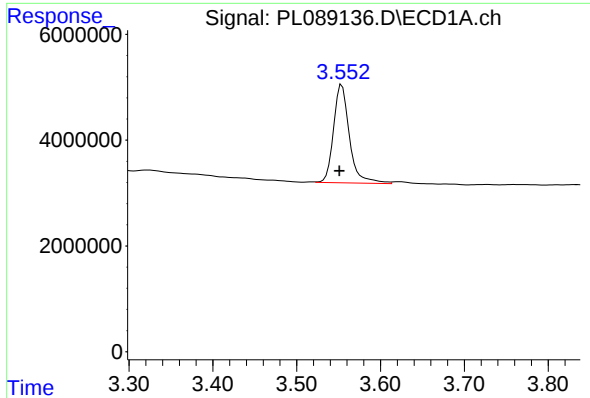
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042324\
Data File : PL089136.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2024 09:54
Operator : AR\AJ
Sample : P2178-01RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-4RE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 11:44:47 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041524.M
Quant Title : GC Extractables
QLast Update : Mon Apr 15 18:43:22 2024
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

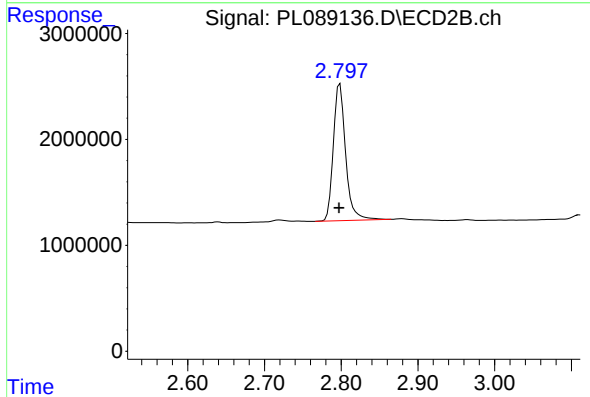




#1 Tetrachloro-m-xylene

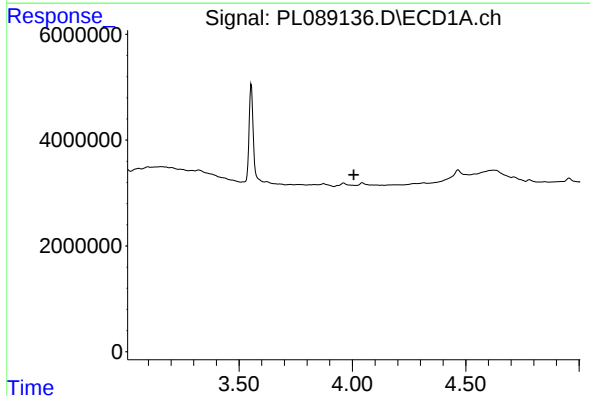
R.T.: 3.554 min
Delta R.T.: 0.003 min
Response: 24425819
Conc: 11.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-4RE



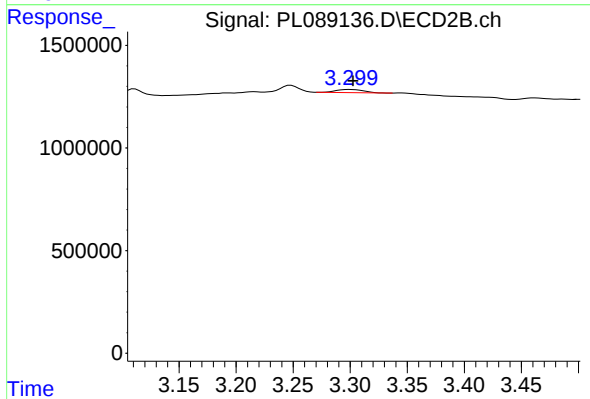
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.001 min
Response: 14393470
Conc: 10.80 ng/ml



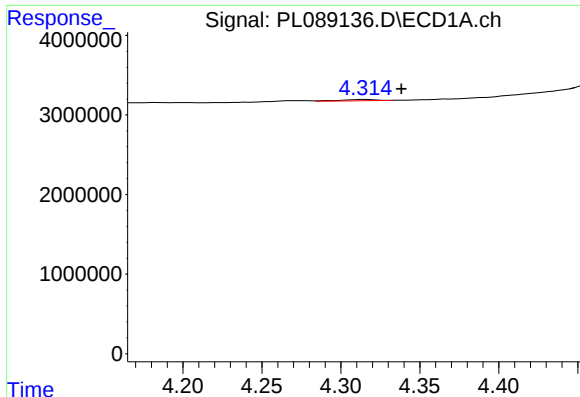
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 4.006 min
Response: 0
Conc: N.D.



#2 alpha-BHC

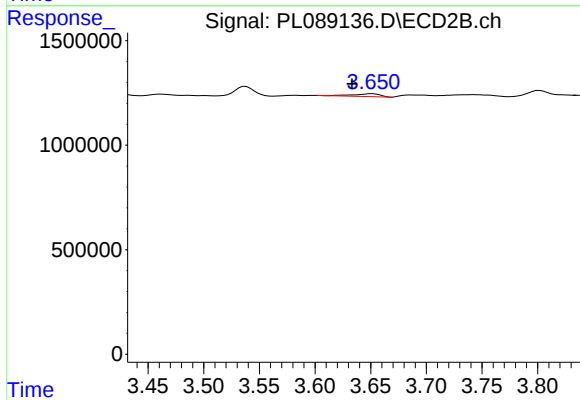
R.T.: 3.300 min
Delta R.T.: -0.002 min
Response: 261559
Conc: 0.13 ng/ml



#3 gamma-BHC (Lindane)

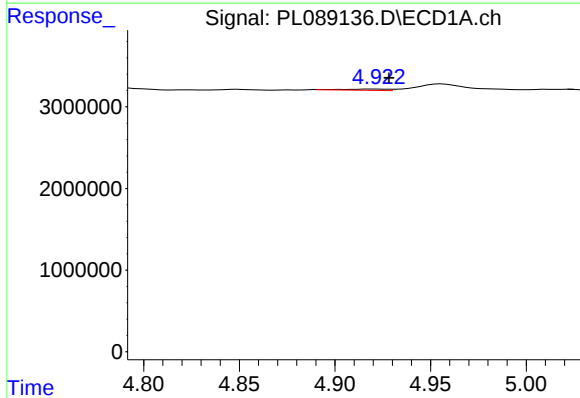
R.T.: 4.315 min
Delta R.T.: -0.023 min
Response: 255659
Conc: 0.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-4RE



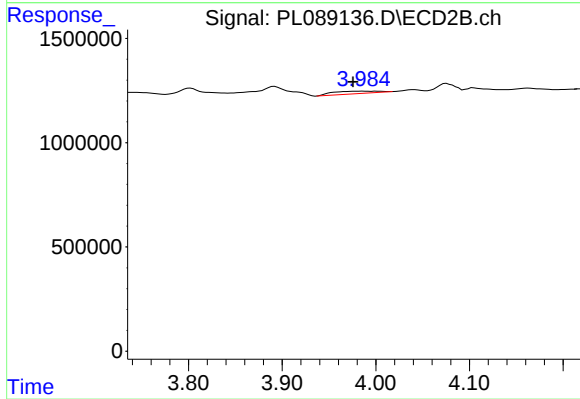
#3 gamma-BHC (Lindane)

R.T.: 3.651 min
Delta R.T.: 0.018 min
Response: 219549
Conc: 0.11 ng/ml



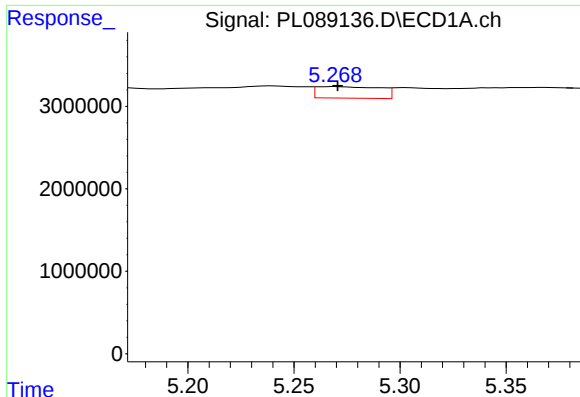
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.007 min
Response: 249594
Conc: 0.10 ng/ml



#4 Heptachlor

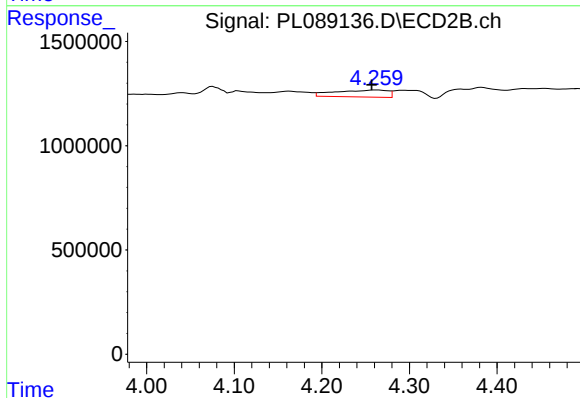
R.T.: 3.985 min
Delta R.T.: 0.009 min
Response: 410640
Conc: 0.23 ng/ml



#5 Aldrin

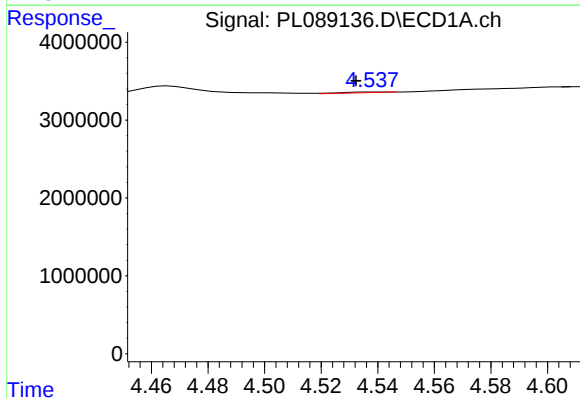
R.T.: 5.269 min
Delta R.T.: -0.001 min
Response: 2917492
Conc: 1.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-4RE



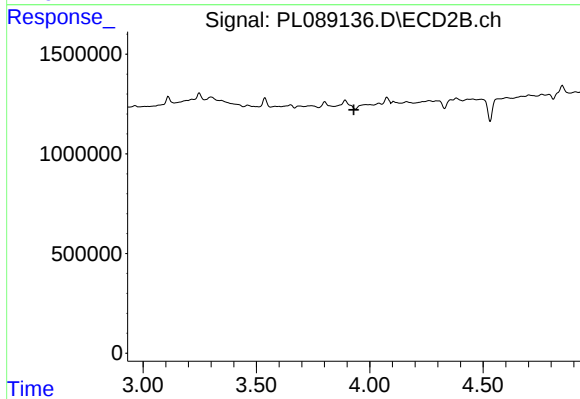
#5 Aldrin

R.T.: 4.261 min
Delta R.T.: 0.005 min
Response: 1401326
Conc: 0.76 ng/ml



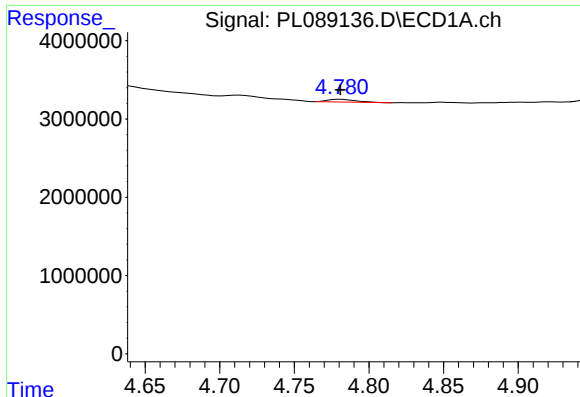
#6 beta-BHC

R.T.: 4.539 min
Delta R.T.: 0.006 min
Response: 107098
Conc: 0.08 ng/ml



#6 beta-BHC

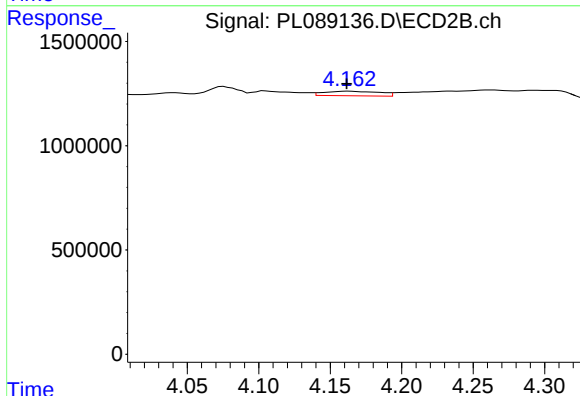
R.T.: 0.000 min
Exp R.T.: 3.930 min
Response: 0
Conc: N.D.



#7 delta-BHC

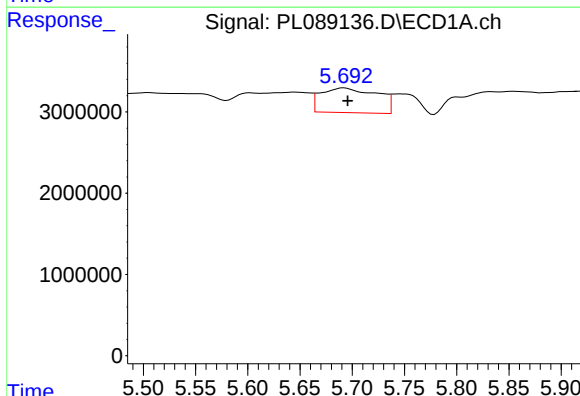
R.T.: 4.781 min
Delta R.T.: 0.000 min
Response: 467104
Conc: 0.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-4RE



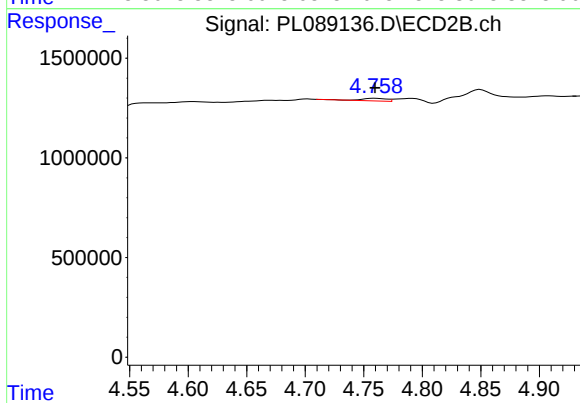
#7 delta-BHC

R.T.: 4.163 min
Delta R.T.: 0.001 min
Response: 588394
Conc: 0.32 ng/ml



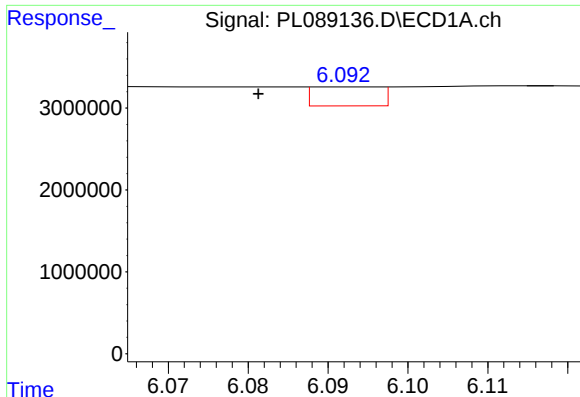
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: -0.003 min
Response: 11422986
Conc: 4.84 ng/ml



#8 Heptachlor epoxide

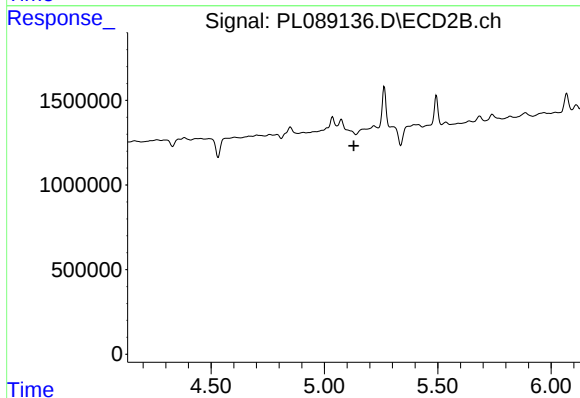
R.T.: 4.759 min
Delta R.T.: 0.000 min
Response: 205772
Conc: 0.12 ng/ml



#9 Endosulfan I

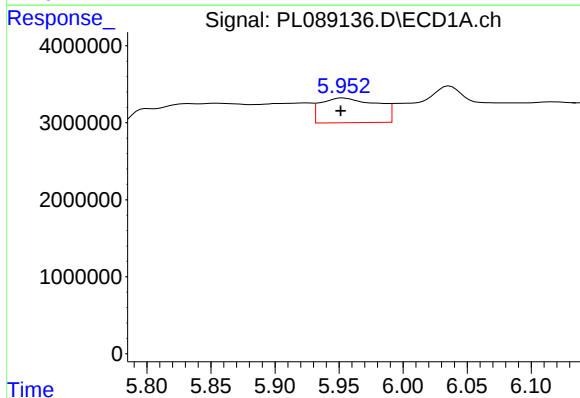
R.T.: 6.094 min
Delta R.T.: 0.012 min
Response: 1375605
Conc: 0.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-4RE



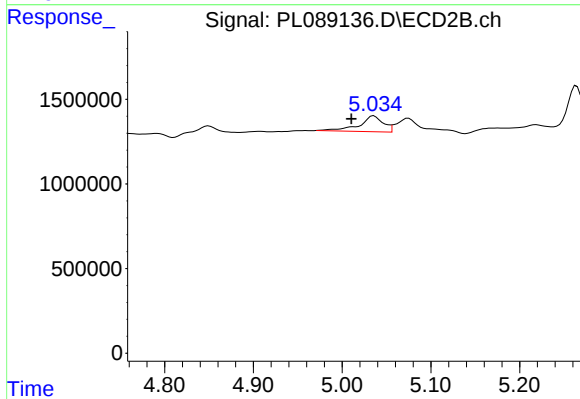
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.130 min
Response: 0
Conc: N.D.



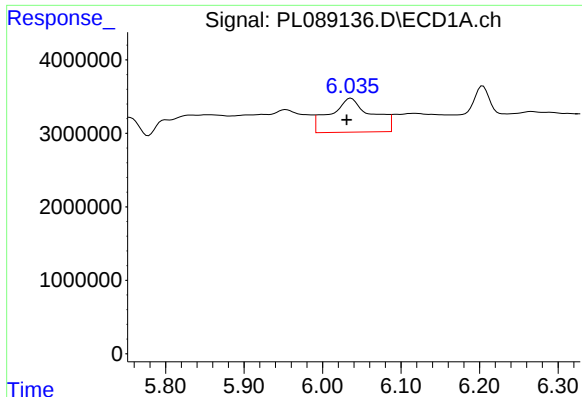
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.002 min
Response: 9865724
Conc: 4.29 ng/ml



#10 gamma-Chlordane

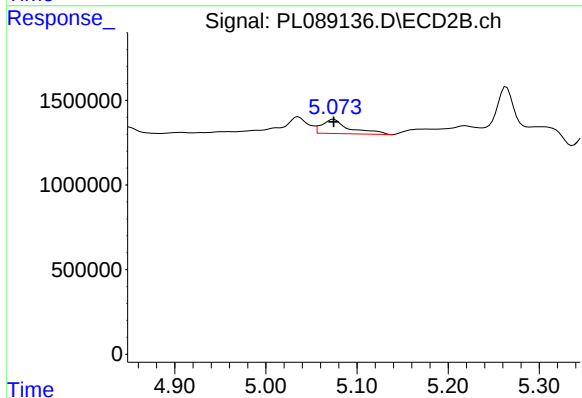
R.T.: 5.036 min
Delta R.T.: 0.025 min
Response: 1763154
Conc: 1.07 ng/ml



#11 alpha-Chlordane

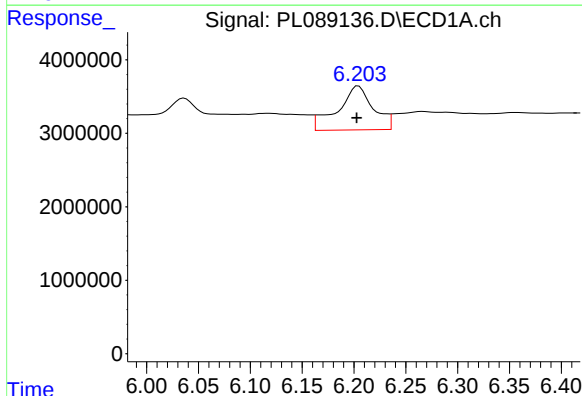
R.T.: 6.036 min
Delta R.T.: 0.006 min
Response: 17005979
Conc: 7.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-4RE



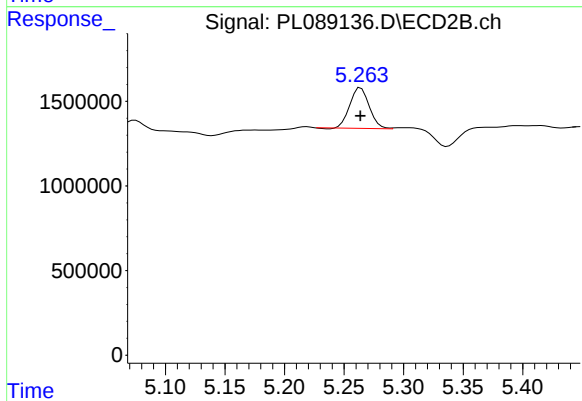
#11 alpha-Chlordane

R.T.: 5.075 min
Delta R.T.: 0.000 min
Response: 1750939
Conc: 1.06 ng/ml



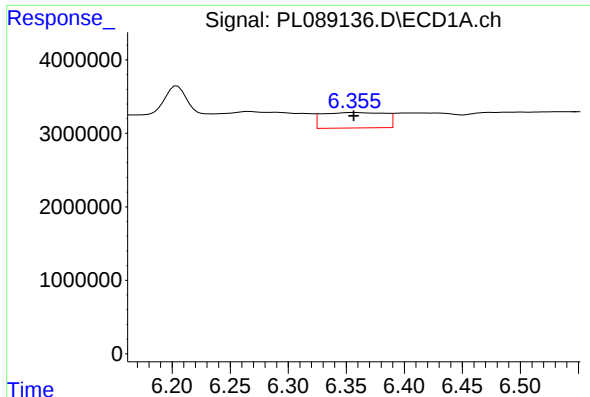
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.002 min
Response: 14272688
Conc: 7.10 ng/ml



#12 4,4'-DDE

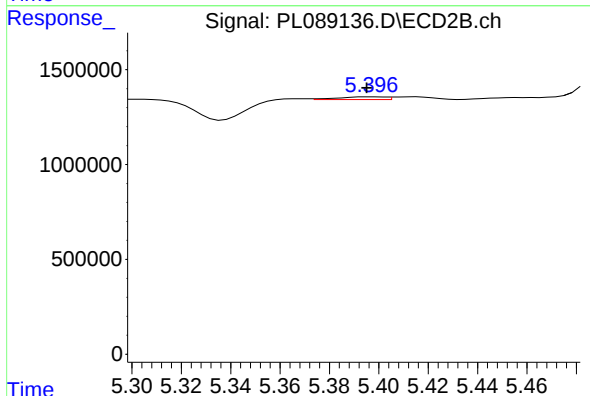
R.T.: 5.264 min
Delta R.T.: 0.000 min
Response: 2720673
Conc: 1.85 ng/ml



#13 Dieldrin

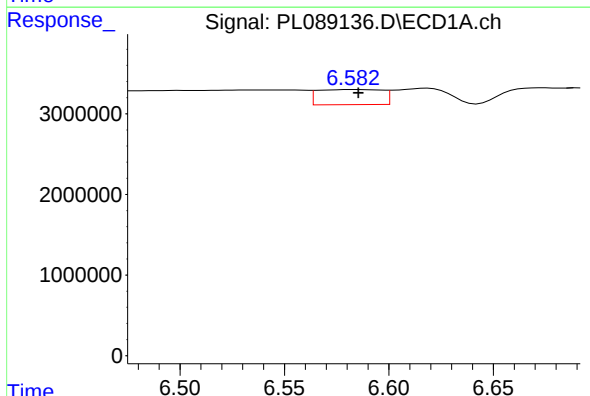
R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 7922094
Conc: 3.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-4RE



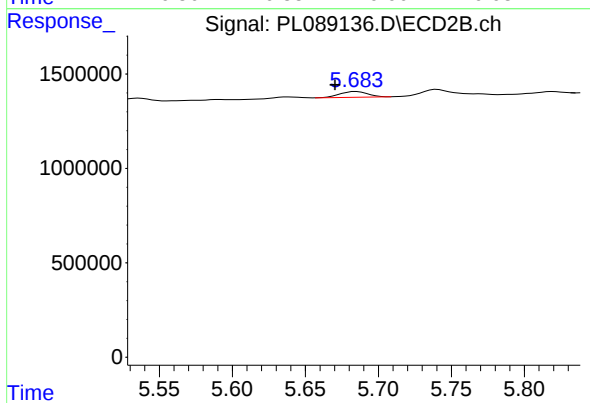
#13 Dieldrin

R.T.: 5.397 min
Delta R.T.: 0.001 min
Response: 189956
Conc: 0.12 ng/ml



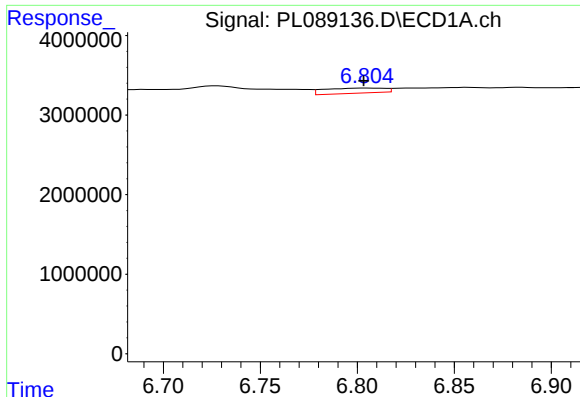
#14 Endrin

R.T.: 6.584 min
Delta R.T.: -0.002 min
Response: 4017234
Conc: 2.14 ng/ml



#14 Endrin

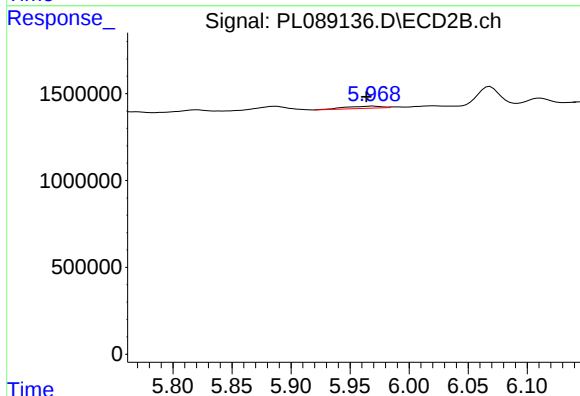
R.T.: 5.685 min
Delta R.T.: 0.014 min
Response: 401425
Conc: 0.28 ng/ml



#15 Endosulfan II

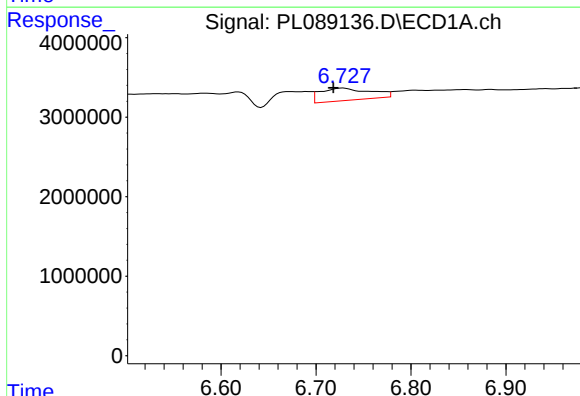
R.T.: 6.805 min
Delta R.T.: 0.002 min
Response: 1390513
Conc: 0.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-4RE



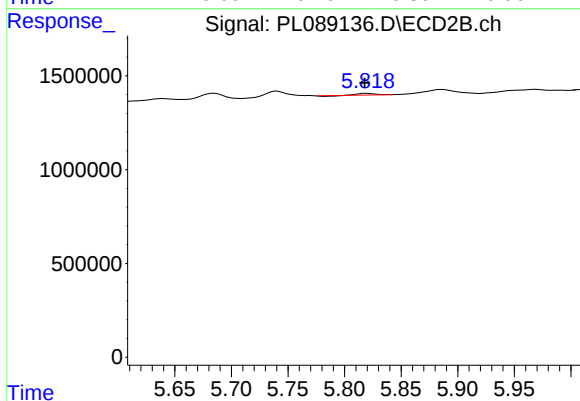
#15 Endosulfan II

R.T.: 5.970 min
Delta R.T.: 0.006 min
Response: 269460
Conc: 0.19 ng/ml



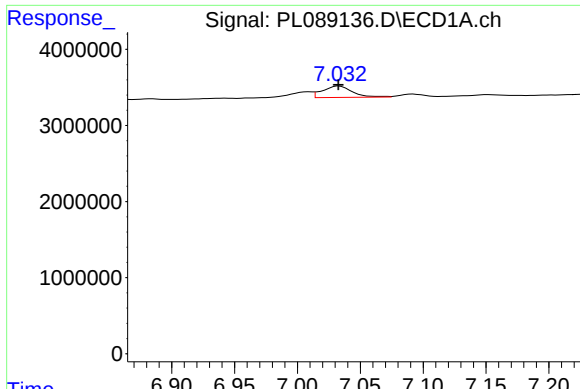
#16 4,4'-DDD

R.T.: 6.728 min
Delta R.T.: 0.010 min
Response: 5703063
Conc: 3.54 ng/ml



#16 4,4'-DDD

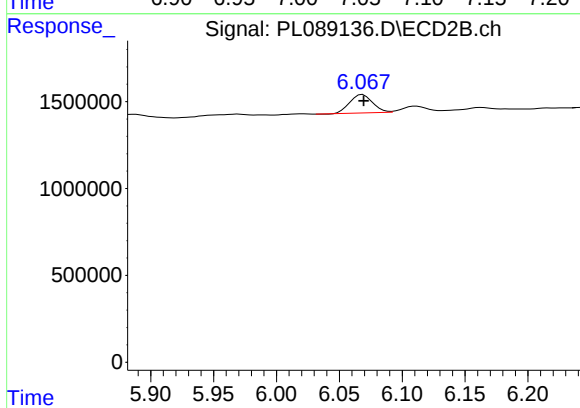
R.T.: 5.821 min
Delta R.T.: 0.003 min
Response: 67389
Conc: 0.06 ng/ml



#17 4,4'-DDT

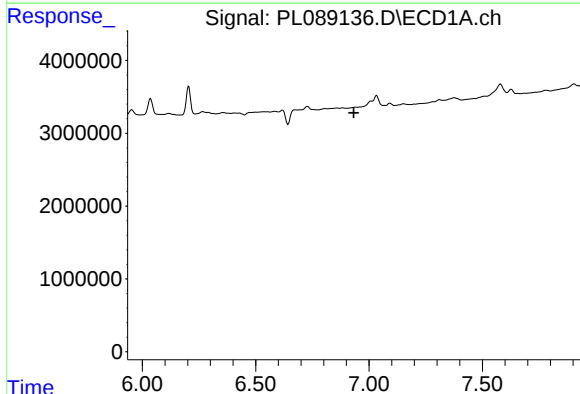
R.T.: 7.033 min
Delta R.T.: 0.000 min
Response: 2442182
Conc: 1.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-4RE



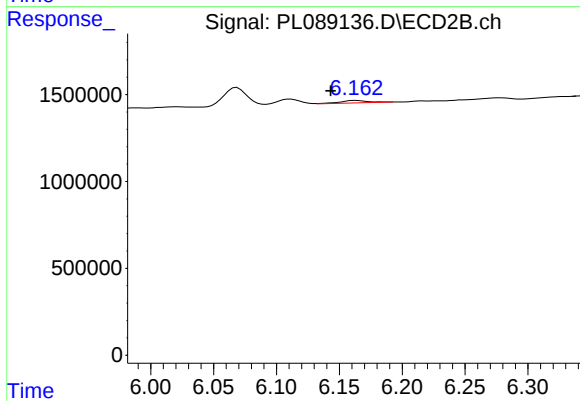
#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 1343119
Conc: 1.02 ng/ml



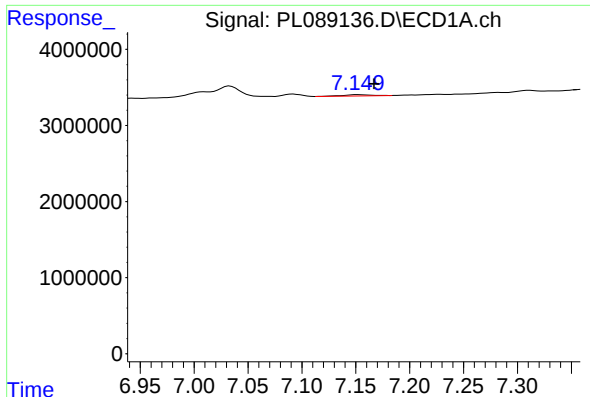
#18 Endrin aldehyde

R.T.: 6.942 min
Delta R.T.: 0.009 min
Response: -110331
Conc: N.D.



#18 Endrin aldehyde

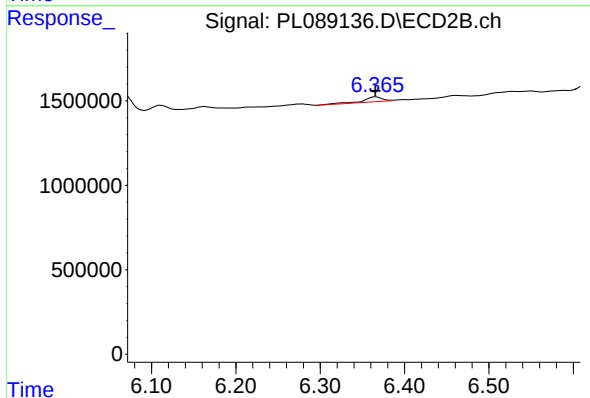
R.T.: 6.163 min
Delta R.T.: 0.020 min
Response: 240137
Conc: 0.22 ng/ml



#19 Endosulfan Sulfate

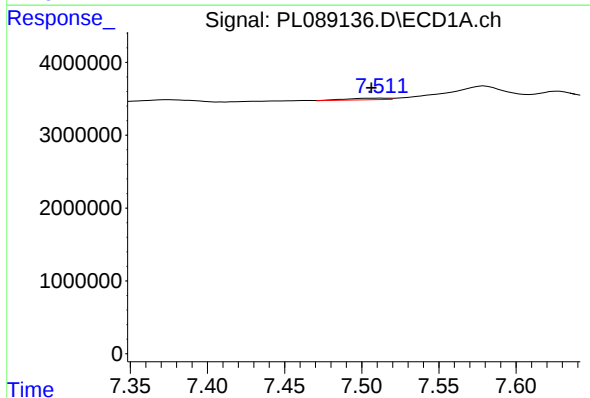
R.T.: 7.151 min
Delta R.T.: -0.016 min
Response: 284595
Conc: 0.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-4RE



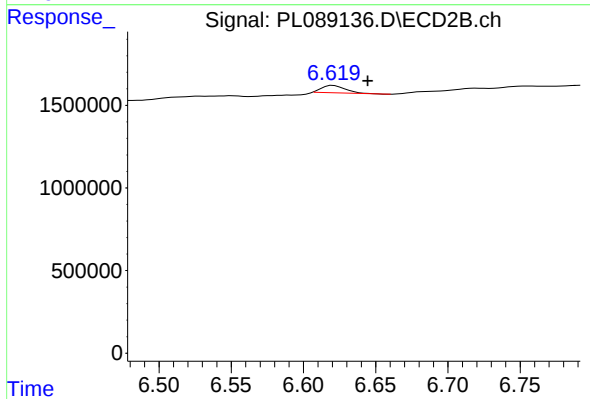
#19 Endosulfan Sulfate

R.T.: 6.366 min
Delta R.T.: 0.000 min
Response: 467637
Conc: 0.35 ng/ml



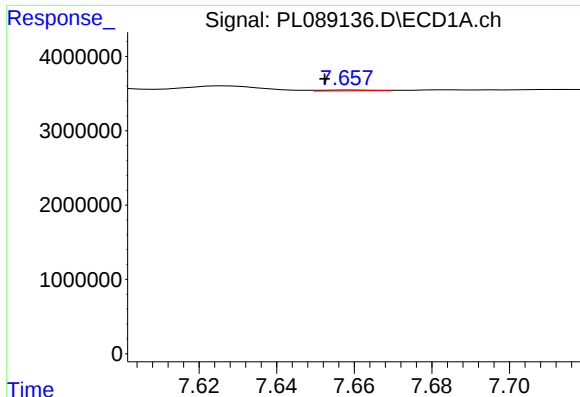
#20 Methoxychlor

R.T.: 7.512 min
Delta R.T.: 0.006 min
Response: 387576
Conc: 0.44 ng/ml



#20 Methoxychlor

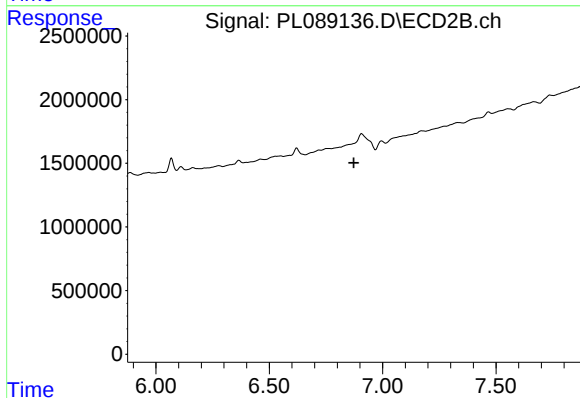
R.T.: 6.621 min
Delta R.T.: -0.024 min
Response: 508941
Conc: 0.68 ng/ml



#21 Endrin ketone

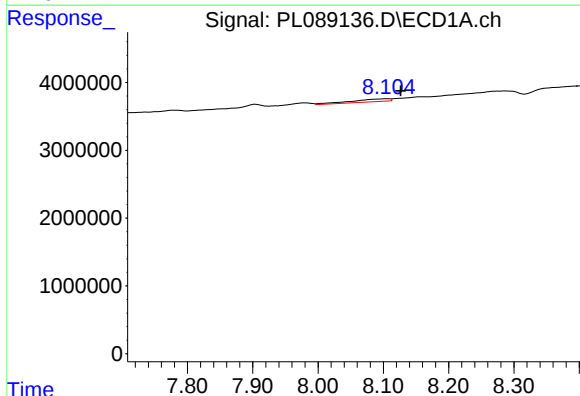
R.T.: 7.659 min
Delta R.T.: 0.006 min
Response: 90789
Conc: 0.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-4RE



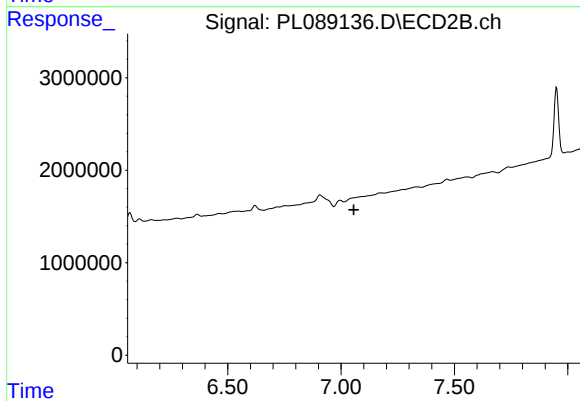
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.873 min
Response: 0
Conc: N.D.



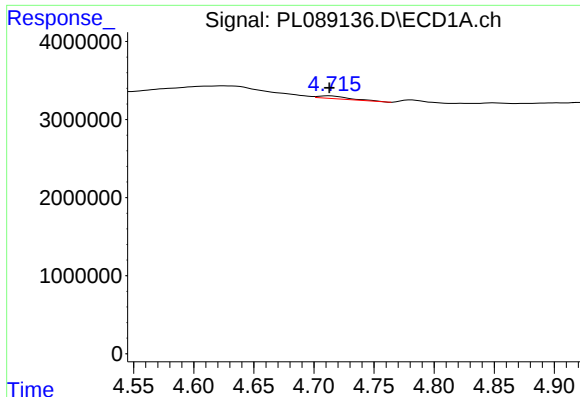
#22 Mirex

R.T.: 8.105 min
Delta R.T.: -0.021 min
Response: 1646888
Conc: 1.12 ng/ml



#22 Mirex

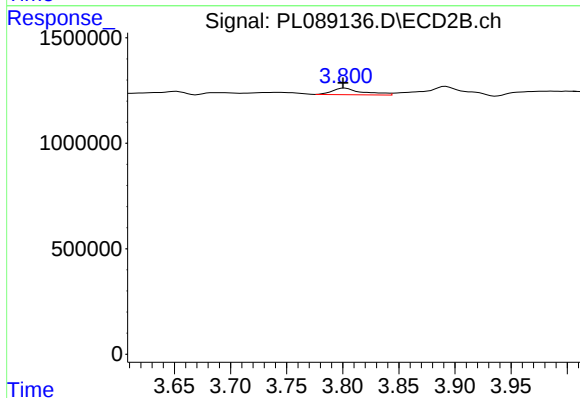
R.T.: 0.000 min
Exp R.T. : 7.056 min
Response: 0
Conc: N.D.



#23 Chlordane-1

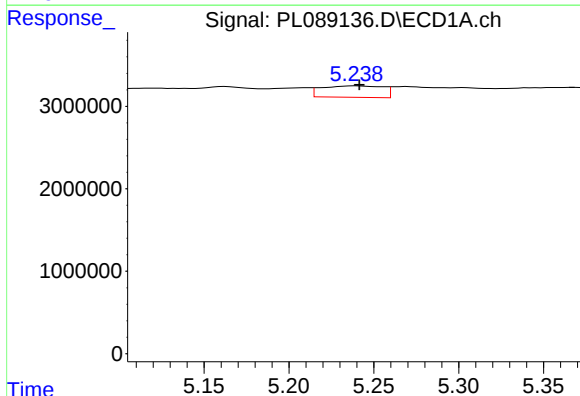
R.T.: 4.712 min
Delta R.T.: 0.000 min
Response: 617959
Conc: 6.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-4RE



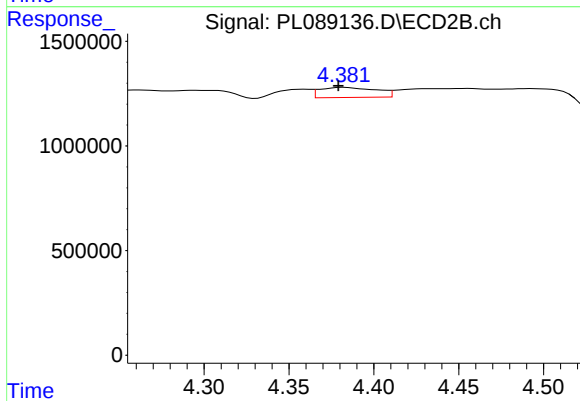
#23 Chlordane-1

R.T.: 3.802 min
Delta R.T.: 0.001 min
Response: 580191
Conc: 11.30 ng/ml



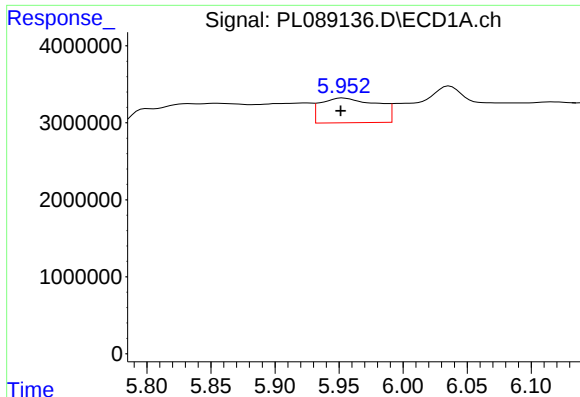
#24 Chlordane-2

R.T.: 5.239 min
Delta R.T.: -0.002 min
Response: 3494511
Conc: 37.00 ng/ml



#24 Chlordane-2

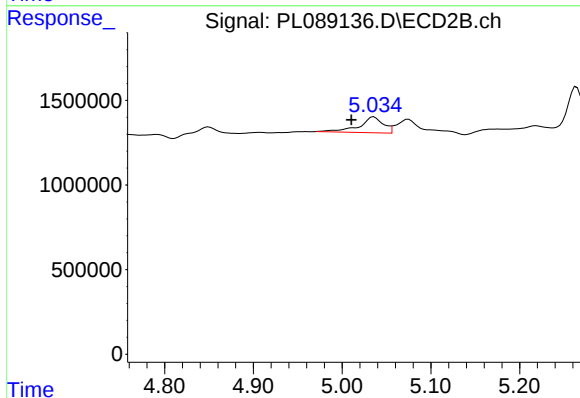
R.T.: 4.382 min
Delta R.T.: 0.003 min
Response: 1111019
Conc: 17.11 ng/ml



#25 Chlordane-3

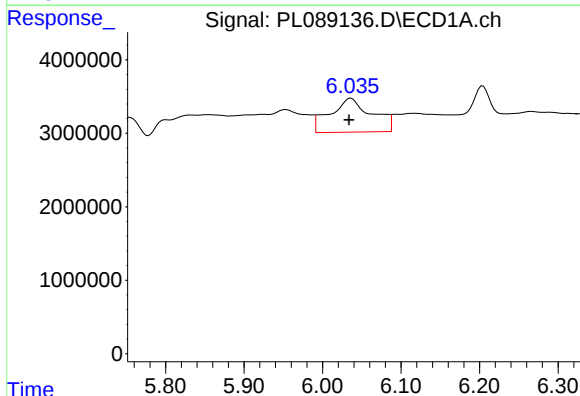
R.T.: 5.953 min
Delta R.T.: 0.002 min
Response: 9865724
Conc: 30.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-4RE



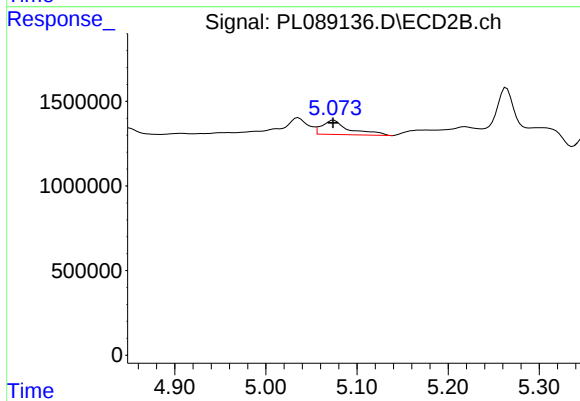
#25 Chlordane-3

R.T.: 5.036 min
Delta R.T.: 0.025 min
Response: 1763154
Conc: 10.21 ng/ml



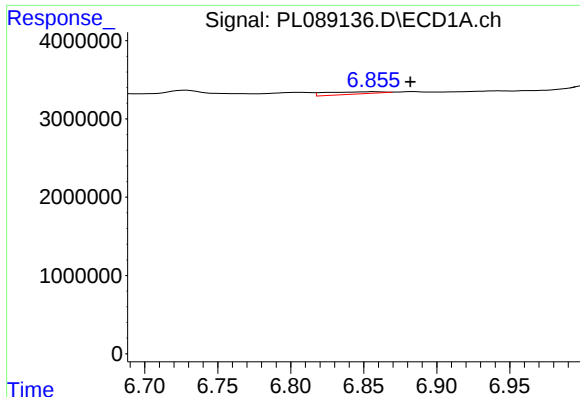
#26 Chlordane-4

R.T.: 6.036 min
Delta R.T.: 0.002 min
Response: 17005979
Conc: 43.02 ng/ml



#26 Chlordane-4

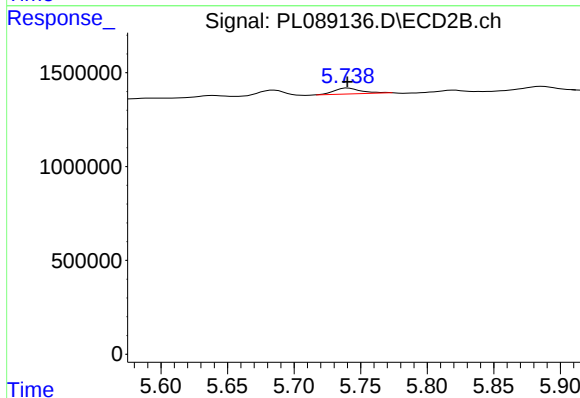
R.T.: 5.075 min
Delta R.T.: 0.000 min
Response: 1750939
Conc: 10.80 ng/ml



#27 Chlordane-5

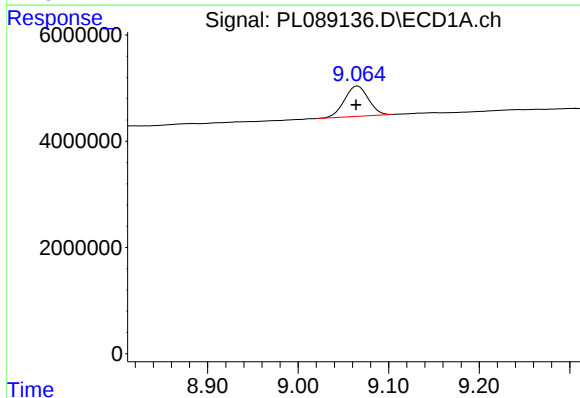
R.T.: 6.857 min
Delta R.T.: -0.025 min
Response: 797265
Conc: 10.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-4RE



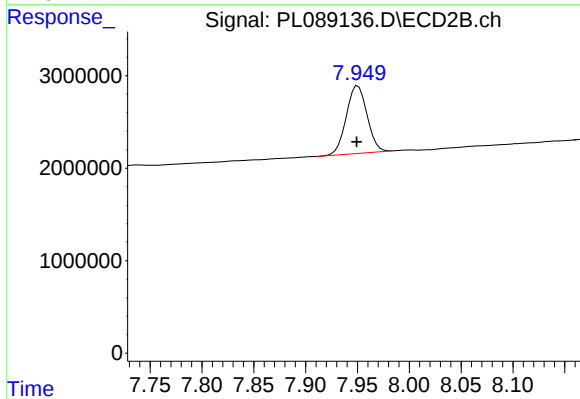
#27 Chlordane-5

R.T.: 5.740 min
Delta R.T.: 0.000 min
Response: 460978
Conc: 9.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.002 min
Response: 10467493
Conc: 8.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.950 min
Delta R.T.: 0.001 min
Response: 10186778
Conc: 7.61 ng/ml