

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042224\
 Data File : PL089115.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2024 15:33
 Operator : AR\AJ
 Sample : P2178-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 04:32:48 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...	3.550	2.797	24230683	13943483	11.401	10.461
28)	SA Decachlor...	9.064	7.950	10369057	9799543	8.140	7.318
Target Compounds							
2)	A alpha-BHC	4.001	3.302	126219	271101	0.042	0.137 #
3)	MA gamma-BHC...	4.364f	3.650f	101663	199159	0.035	0.104 #
4)	MA Heptachlor	4.952f	3.971	2184091	291910	0.878	0.162 #
5)	MB Aldrin	5.300f	4.258	426862	145638	0.164	0.079 #
6)	B beta-BHC	4.554f	0.000	462729	0	0.345	N.D. #
7)	B delta-BHC	4.777	4.163	565041	59338	0.211	0.033 #
8)	B Heptachlo...	5.686	4.758	2116544	268085	0.897	0.161 #
9)	A Endosulfan I	6.074	5.107f	663562	50277	0.303	0.033 #
10)	B gamma-Chl...	5.950	5.034f	2419474	1459885	1.052	0.890
11)	B alpha-Chl...	6.033	5.074	4666152	1006997	2.038	0.609 #
12)	B 4,4'-DDE	6.201	5.263	6102541	2740016	3.037	1.863 #
13)	MA Dieldrin	6.354	5.398	658151	100360	0.292	0.061 #
14)	MA Endrin	6.583	5.681	146487	180602	0.078	0.124 #
15)	B Endosulfa...	6.782f	5.959	329329	360196	0.171	0.252 #
16)	A 4,4'-DDD	6.726	5.820	713653	57087	0.443	0.047 #
17)	MA 4,4'-DDT	7.031	6.068	3721278	1455373	2.042	1.110 #
18)	B Endrin al...	0.000	6.163f	0	160857	N.D.	0.146 #
19)	B Endosulfa...	7.167	6.365	35115	279236	0.020	0.207 #
20)	A Methoxychlor	0.000	6.620f	0	513965	N.D.	0.688 #
21)	B Endrin ke...	7.681f	0.000	362370	0	0.188	N.D. #
23)	Chlordane-1	4.712	3.801	1688684	472282	18.589	9.200 #
24)	Chlordane-2	5.236	4.383	2167905	364671	22.951	5.615 #
25)	Chlordane-3	5.950	5.034f	2419474	1459885	7.507	8.453
26)	Chlordane-4	6.033	5.074	4666152	1006997	11.803	6.209 #
27)	Chlordane-5	0.000	5.740	0	401684	N.D.	7.968 #

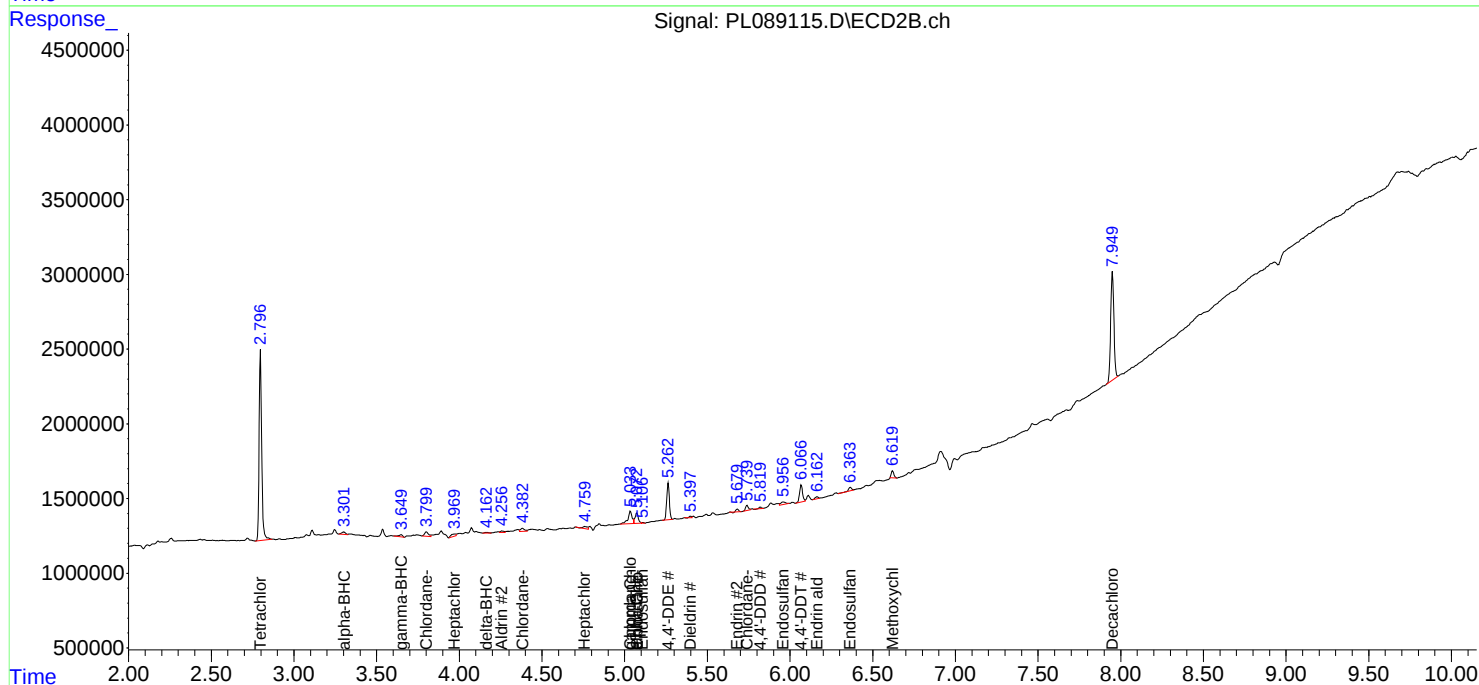
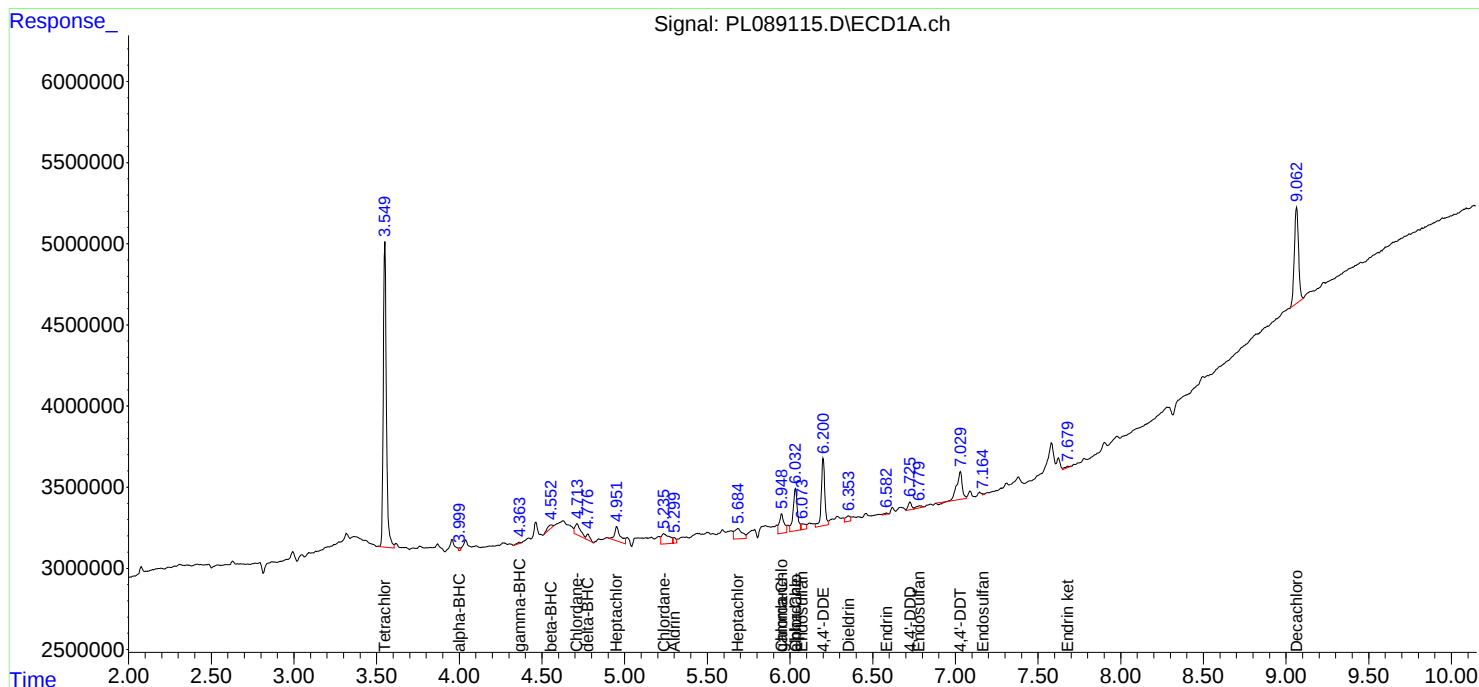
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

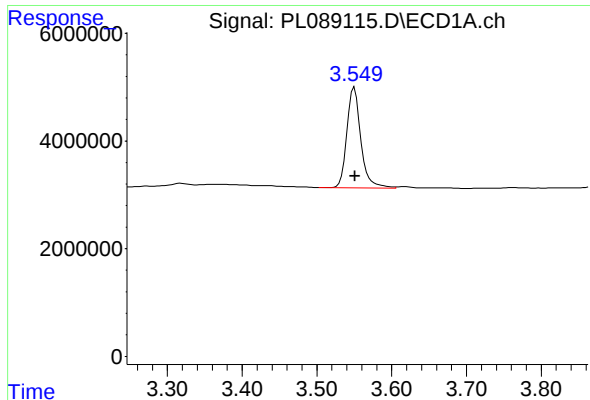
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042224\
Data File : PL089115.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2024 15:33
Operator : AR\AJ
Sample : P2178-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 04:32:48 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
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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

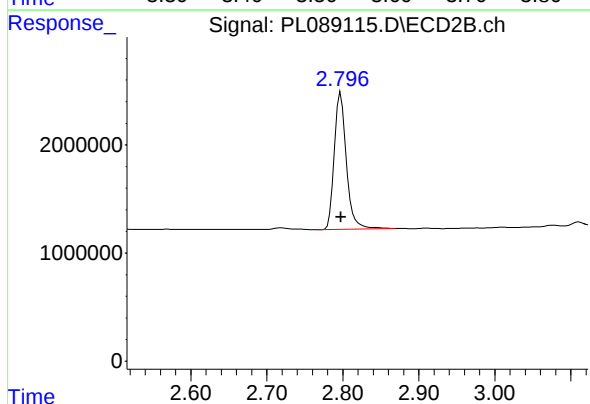




#1 Tetrachloro-m-xylene

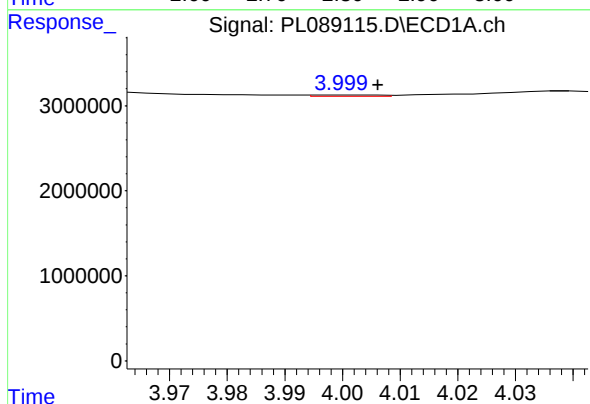
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 24230683
Conc: 11.40 ng/ml

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



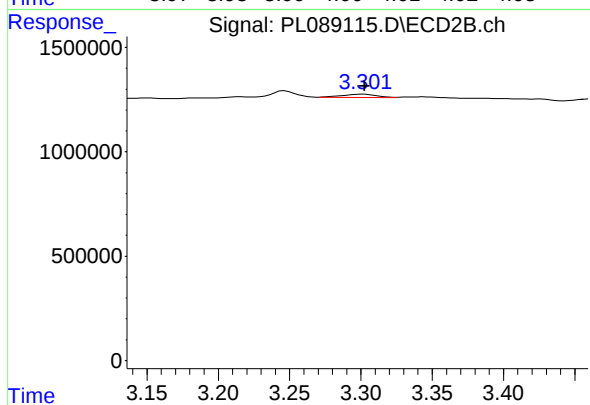
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 13943483
Conc: 10.46 ng/ml



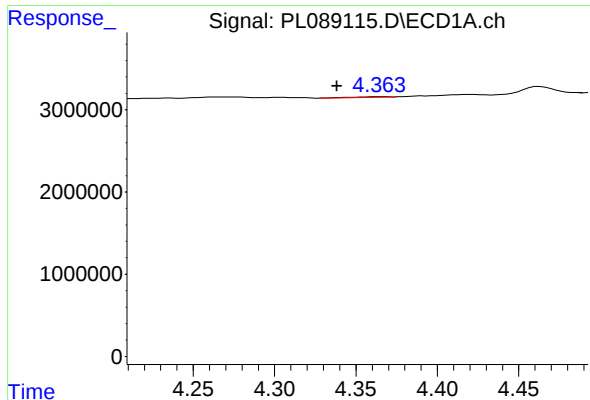
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: -0.006 min
Response: 126219
Conc: 0.04 ng/ml



#2 alpha-BHC

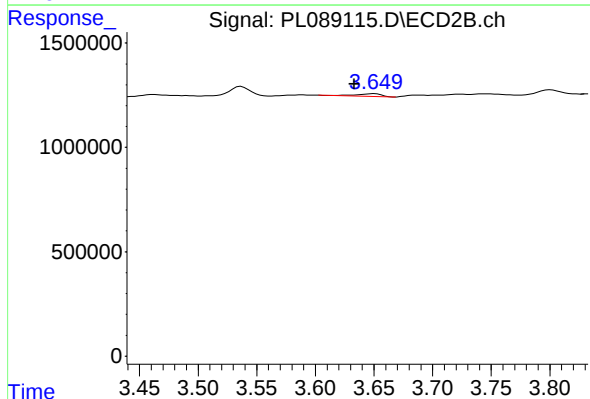
R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 271101
Conc: 0.14 ng/ml



#3 gamma-BHC (Lindane)

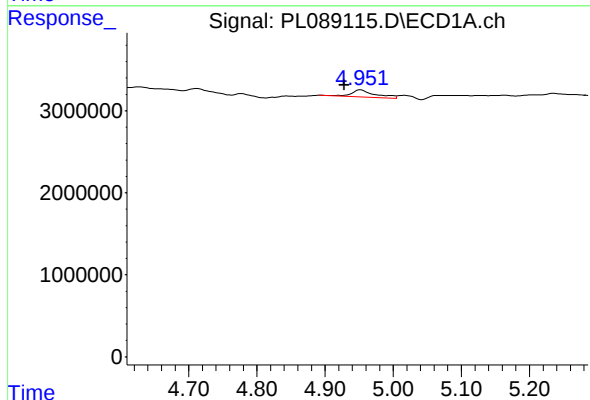
R.T.: 4.364 min
Delta R.T.: 0.026 min
Response: 101663
Conc: 0.04 ng/ml

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



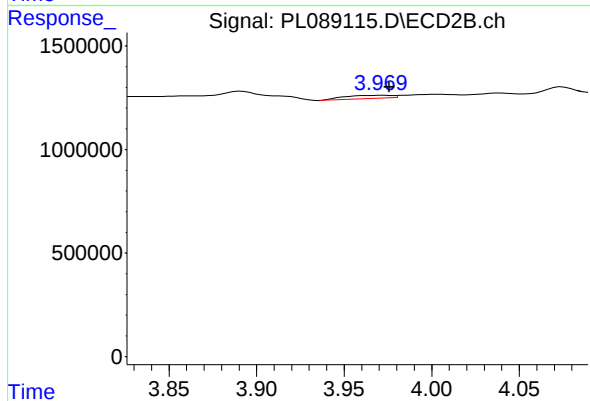
#3 gamma-BHC (Lindane)

R.T.: 3.650 min
Delta R.T.: 0.017 min
Response: 199159
Conc: 0.10 ng/ml



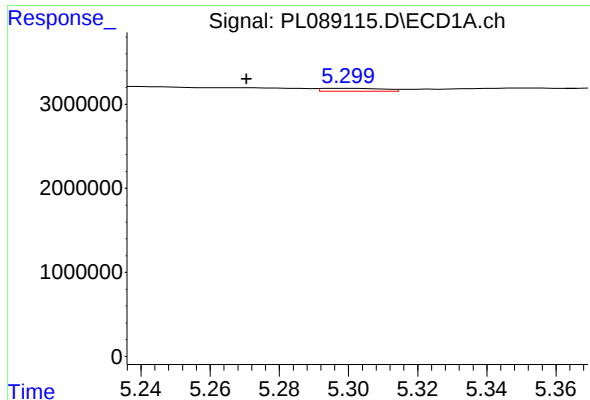
#4 Heptachlor

R.T.: 4.952 min
Delta R.T.: 0.024 min
Response: 2184091
Conc: 0.88 ng/ml



#4 Heptachlor

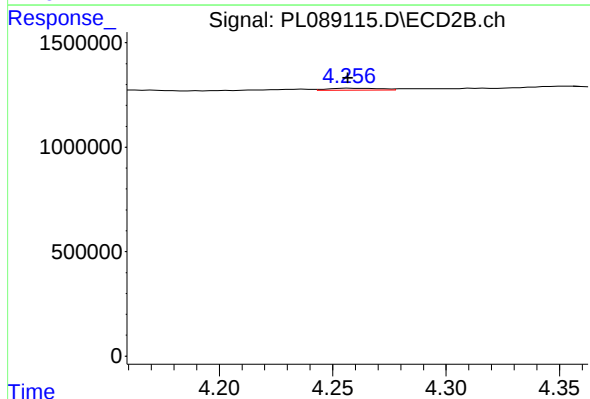
R.T.: 3.971 min
Delta R.T.: -0.005 min
Response: 291910
Conc: 0.16 ng/ml



#5 Aldrin

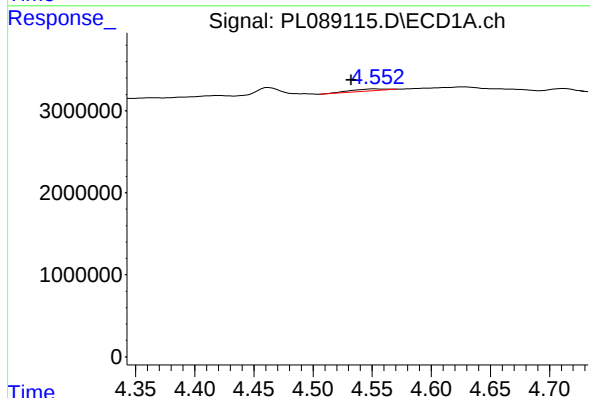
R.T.: 5.300 min
Delta R.T.: 0.030 min
Response: 426862
Conc: 0.16 ng/ml

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



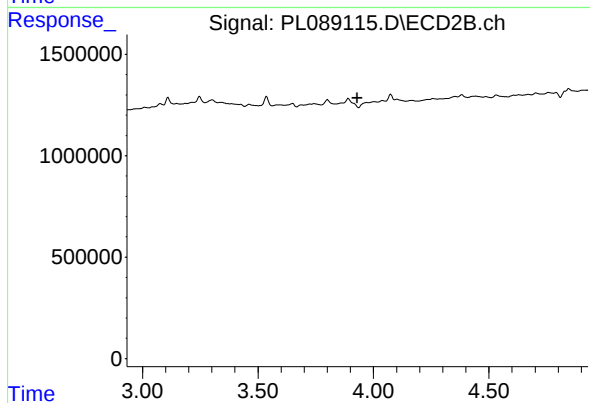
#5 Aldrin

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 145638
Conc: 0.08 ng/ml



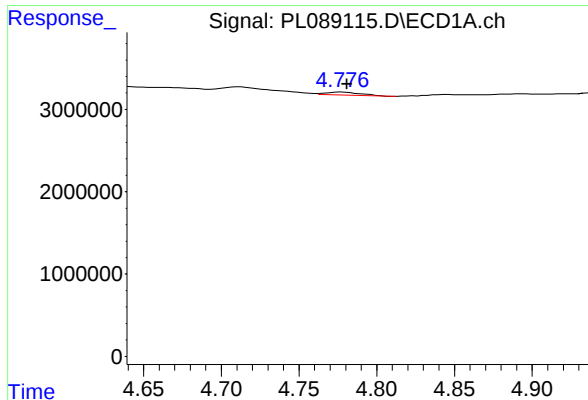
#6 beta-BHC

R.T.: 4.554 min
Delta R.T.: 0.022 min
Response: 462729
Conc: 0.34 ng/ml



#6 beta-BHC

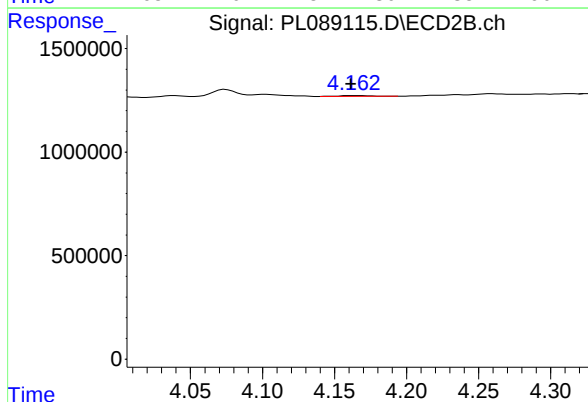
R.T.: 0.000 min
Exp R.T. : 3.930 min
Response: 0
Conc: N.D.



#7 delta-BHC

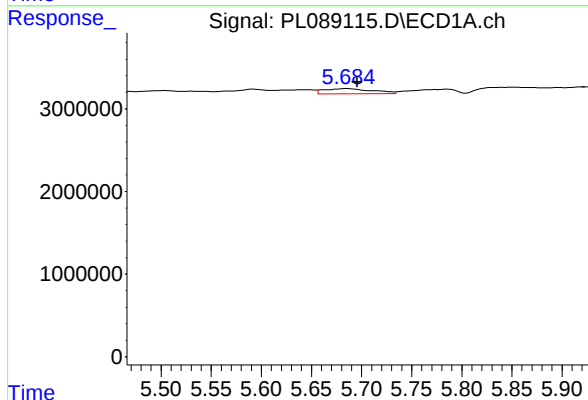
R.T.: 4.777 min
Delta R.T.: -0.004 min
Response: 565041
Conc: 0.21 ng/ml

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



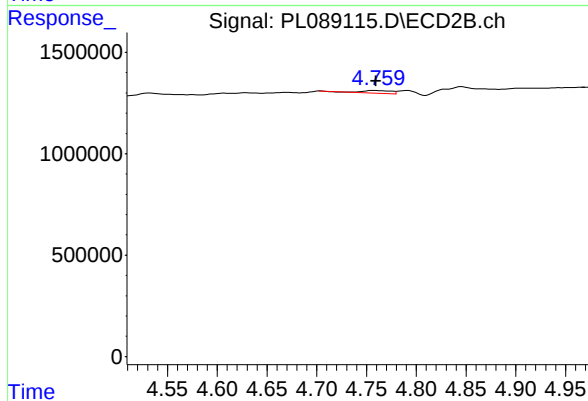
#7 delta-BHC

R.T.: 4.163 min
Delta R.T.: 0.001 min
Response: 59338
Conc: 0.03 ng/ml



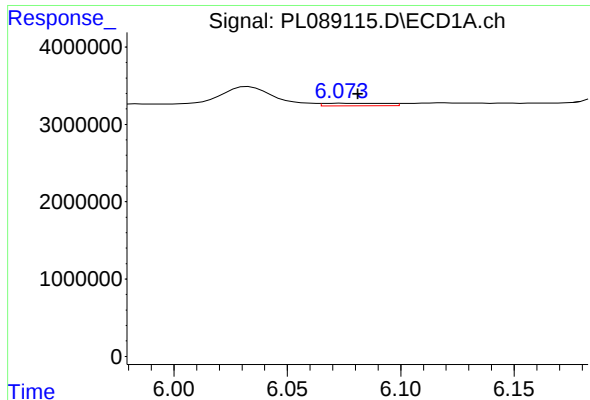
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: -0.010 min
Response: 2116544
Conc: 0.90 ng/ml



#8 Heptachlor epoxide

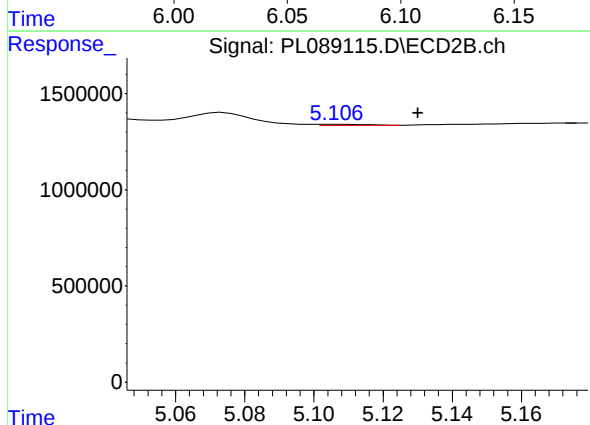
R.T.: 4.758 min
Delta R.T.: -0.001 min
Response: 268085
Conc: 0.16 ng/ml



#9 Endosulfan I

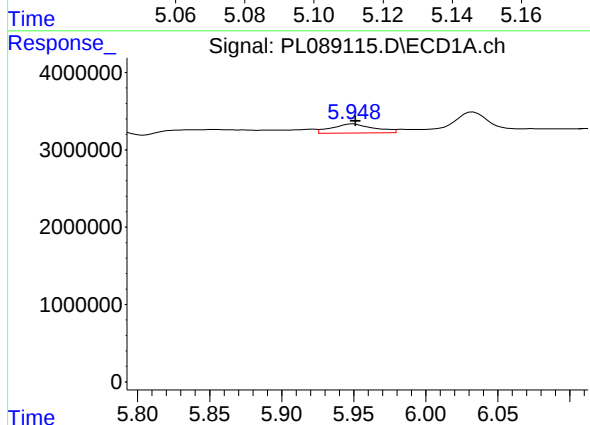
R.T.: 6.074 min
Delta R.T.: -0.007 min
Response: 663562
Conc: 0.30 ng/ml

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



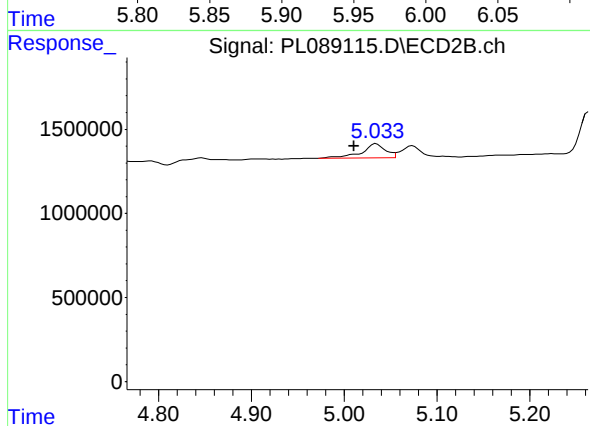
#9 Endosulfan I

R.T.: 5.107 min
Delta R.T.: -0.023 min
Response: 50277
Conc: 0.03 ng/ml



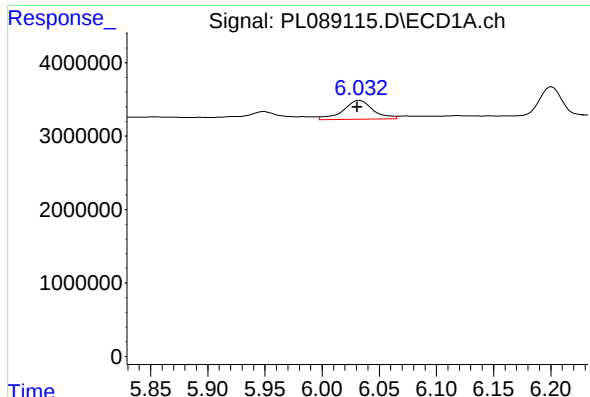
#10 gamma-Chlordane

R.T.: 5.950 min
Delta R.T.: -0.002 min
Response: 2419474
Conc: 1.05 ng/ml



#10 gamma-Chlordane

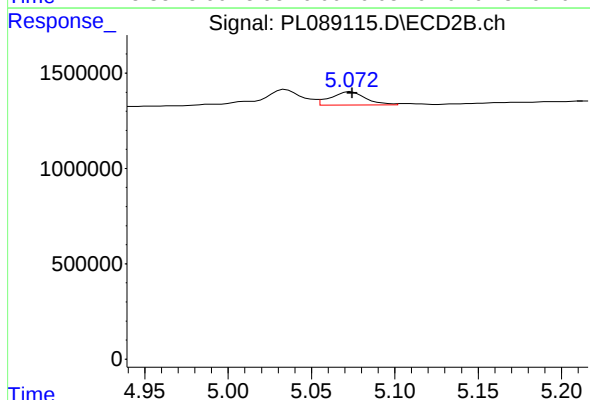
R.T.: 5.034 min
Delta R.T.: 0.024 min
Response: 1459885
Conc: 0.89 ng/ml



#11 alpha-Chlordane

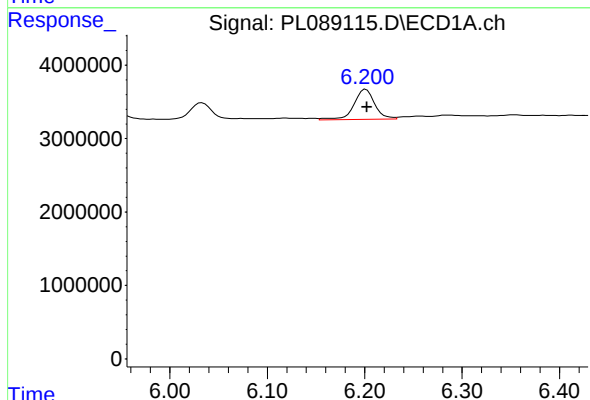
R.T.: 6.033 min
Delta R.T.: 0.002 min
Response: 4666152
Conc: 2.04 ng/ml

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



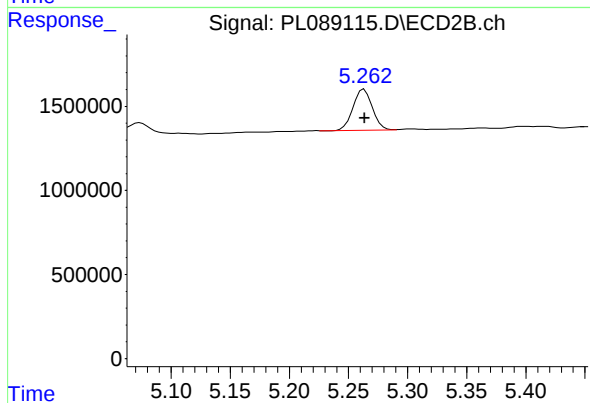
#11 alpha-Chlordane

R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 1006997
Conc: 0.61 ng/ml



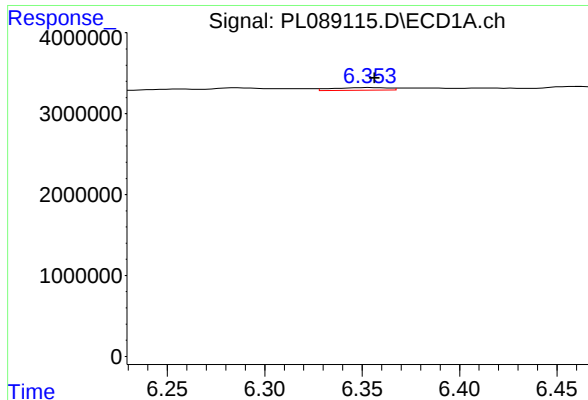
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: -0.001 min
Response: 6102541
Conc: 3.04 ng/ml



#12 4,4'-DDE

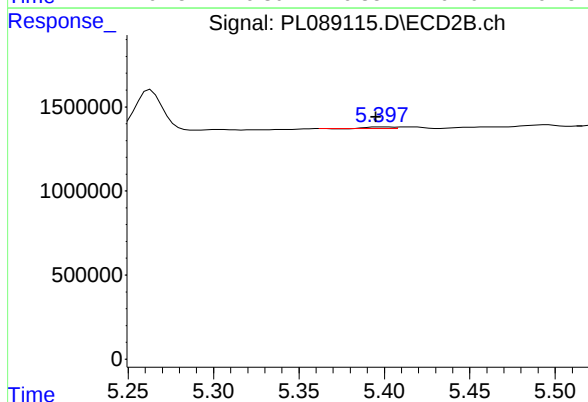
R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 2740016
Conc: 1.86 ng/ml



#13 Dieldrin

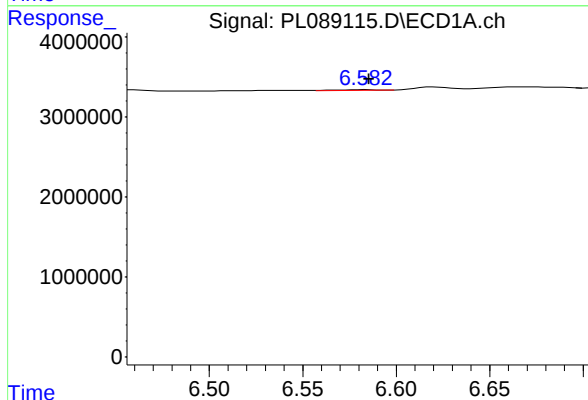
R.T.: 6.354 min
Delta R.T.: -0.002 min
Response: 658151
Conc: 0.29 ng/ml

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



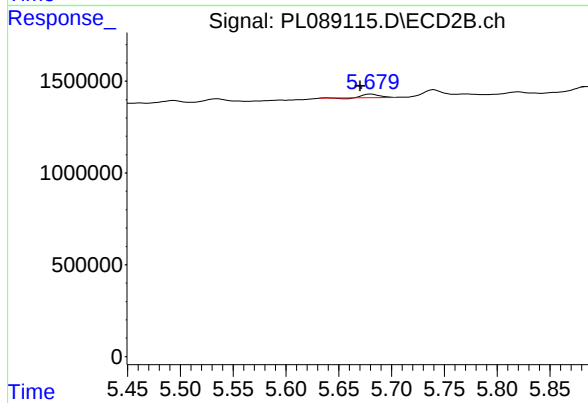
#13 Dieldrin

R.T.: 5.398 min
Delta R.T.: 0.003 min
Response: 100360
Conc: 0.06 ng/ml



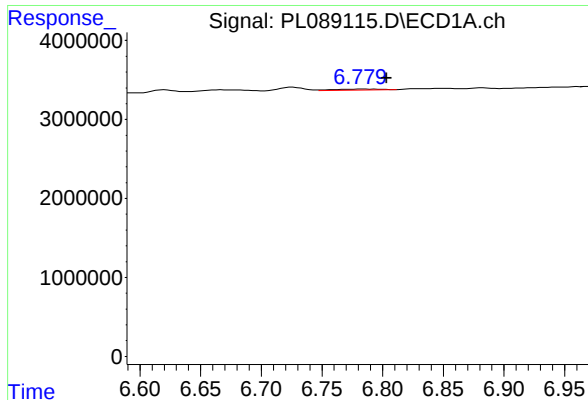
#14 Endrin

R.T.: 6.583 min
Delta R.T.: -0.002 min
Response: 146487
Conc: 0.08 ng/ml



#14 Endrin

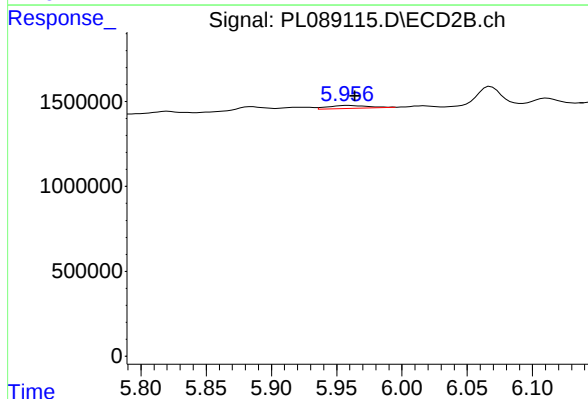
R.T.: 5.681 min
Delta R.T.: 0.011 min
Response: 180602
Conc: 0.12 ng/ml



#15 Endosulfan II

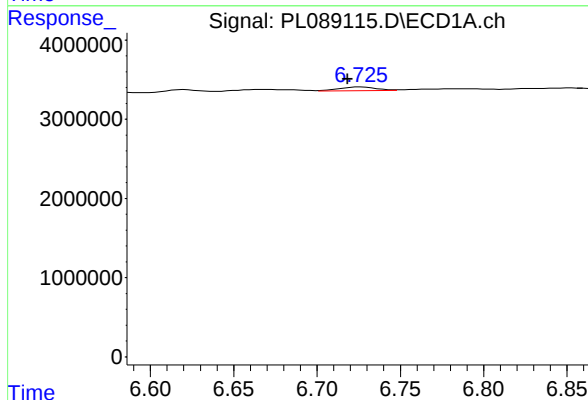
R.T.: 6.782 min
Delta R.T.: -0.021 min
Response: 329329
Conc: 0.17 ng/ml

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



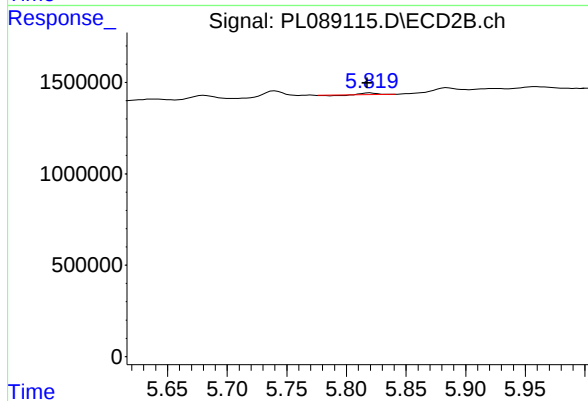
#15 Endosulfan II

R.T.: 5.959 min
Delta R.T.: -0.005 min
Response: 360196
Conc: 0.25 ng/ml



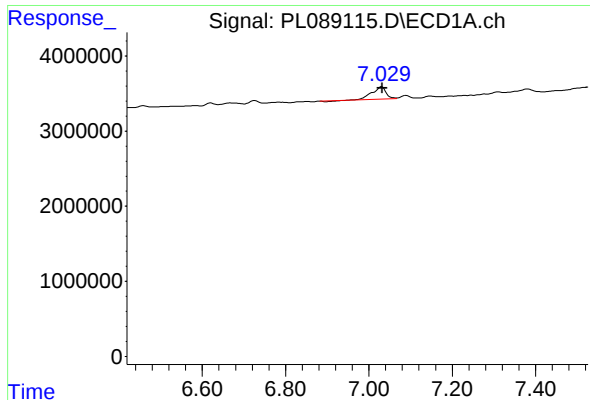
#16 4,4'-DDD

R.T.: 6.726 min
Delta R.T.: 0.008 min
Response: 713653
Conc: 0.44 ng/ml



#16 4,4'-DDD

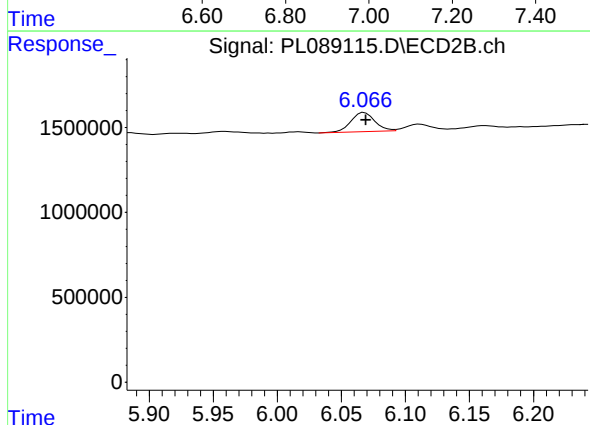
R.T.: 5.820 min
Delta R.T.: 0.003 min
Response: 57087
Conc: 0.05 ng/ml



#17 4,4'-DDT

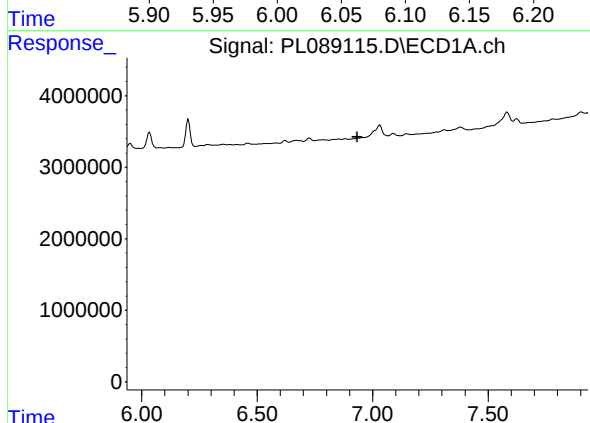
R.T.: 7.031 min
Delta R.T.: -0.002 min
Response: 3721278
Conc: 2.04 ng/ml

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



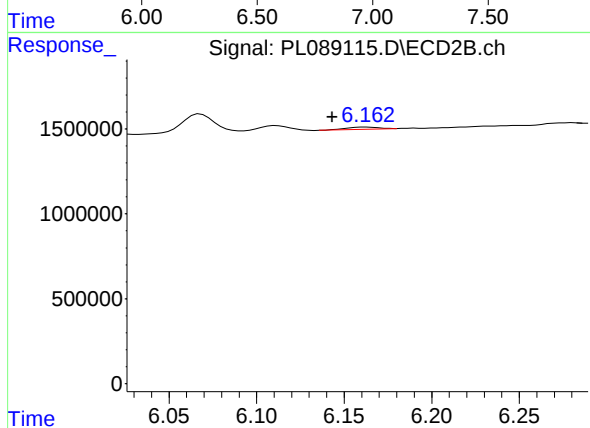
#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: -0.001 min
Response: 1455373
Conc: 1.11 ng/ml



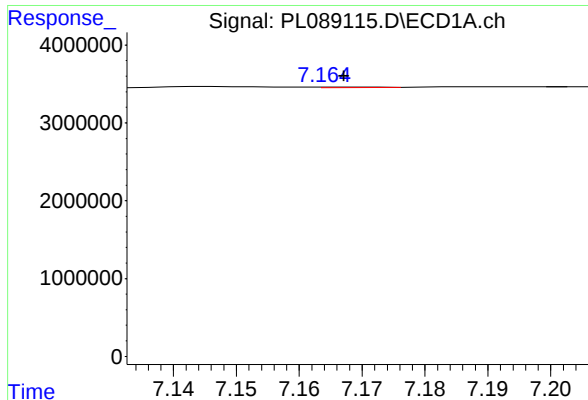
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T.: 6.933 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

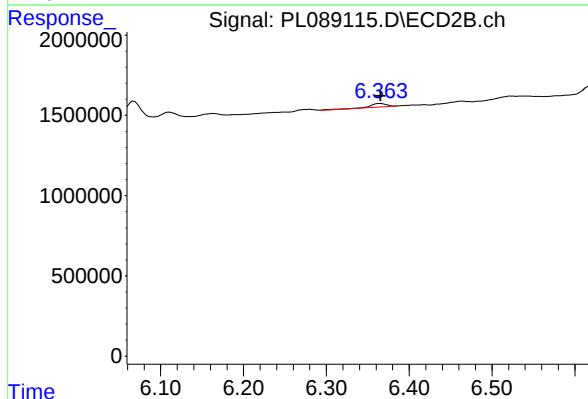
R.T.: 6.163 min
Delta R.T.: 0.020 min
Response: 160857
Conc: 0.15 ng/ml



#19 Endosulfan Sulfate

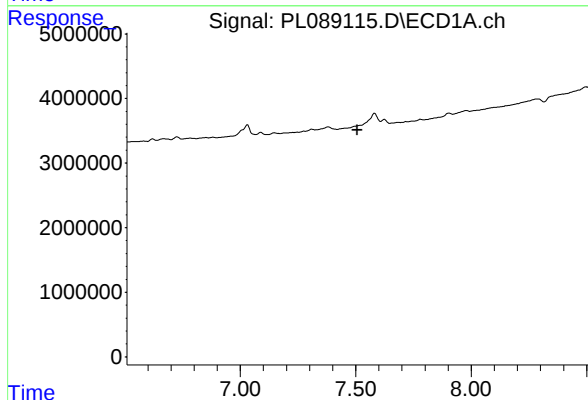
R.T.: 7.167 min
Delta R.T.: 0.000 min
Response: 35115
Conc: 0.02 ng/ml

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



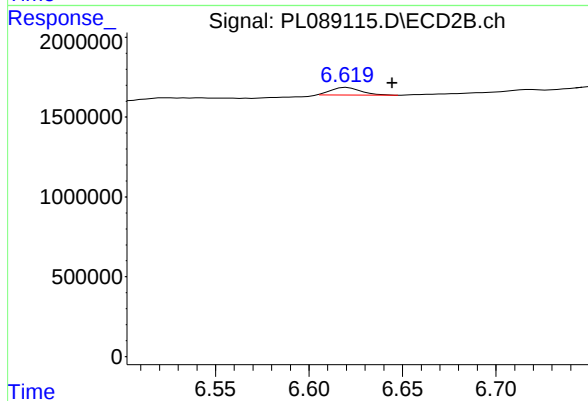
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: 0.000 min
Response: 279236
Conc: 0.21 ng/ml



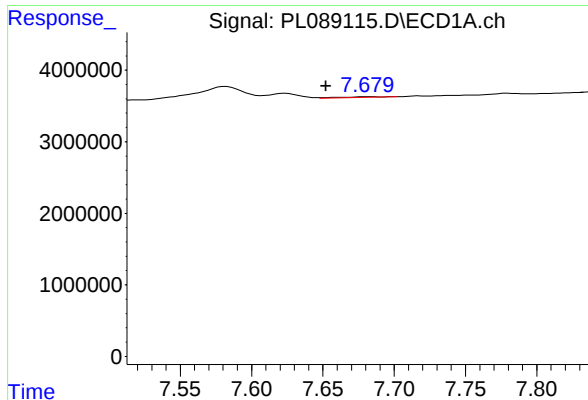
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T.: 7.506 min
Response: 0
Conc: N.D.



#20 Methoxychlor

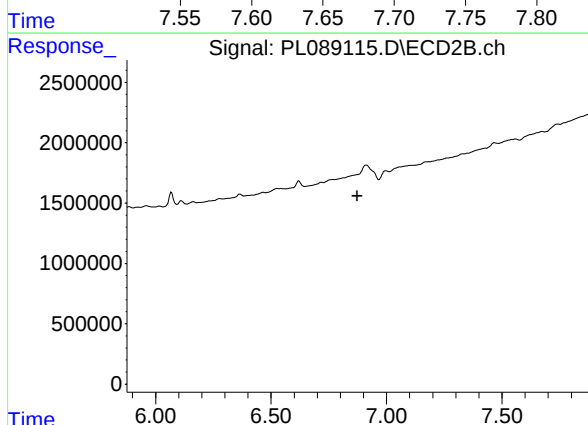
R.T.: 6.620 min
Delta R.T.: -0.024 min
Response: 513965
Conc: 0.69 ng/ml



#21 Endrin ketone

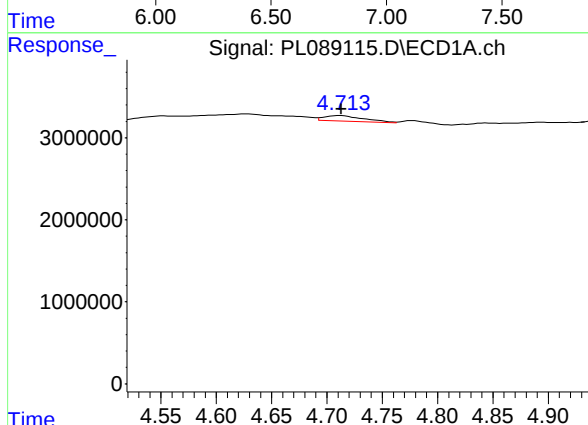
R.T.: 7.681 min
Delta R.T.: 0.028 min
Response: 362370
Conc: 0.19 ng/ml

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



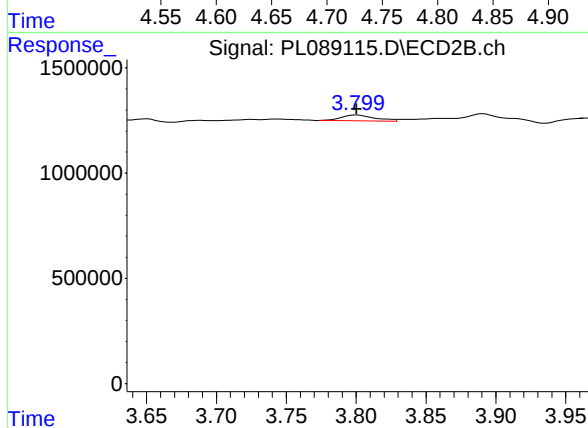
#21 Endrin ketone

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



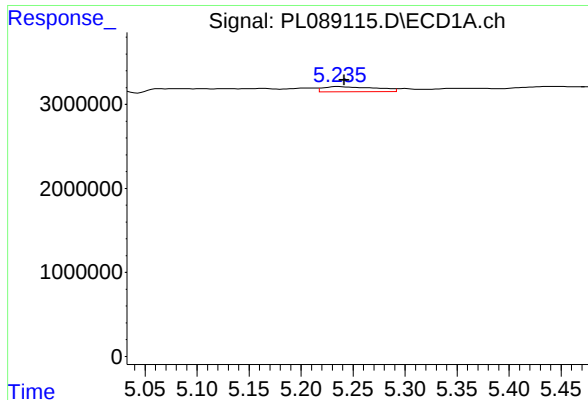
#23 Chlordane-1

R.T.: 4.712 min
Delta R.T.: 0.000 min
Response: 1688684
Conc: 18.59 ng/ml



#23 Chlordane-1

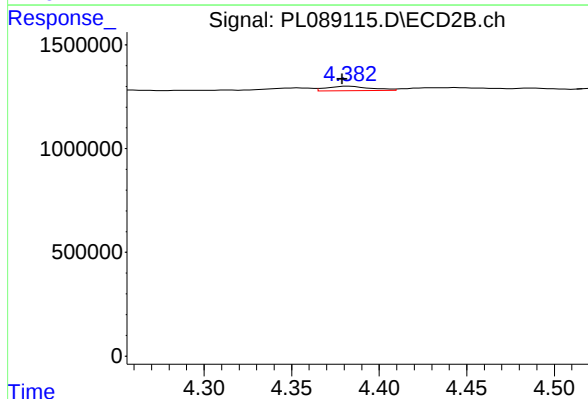
R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 472282
Conc: 9.20 ng/ml



#24 Chlordane-2

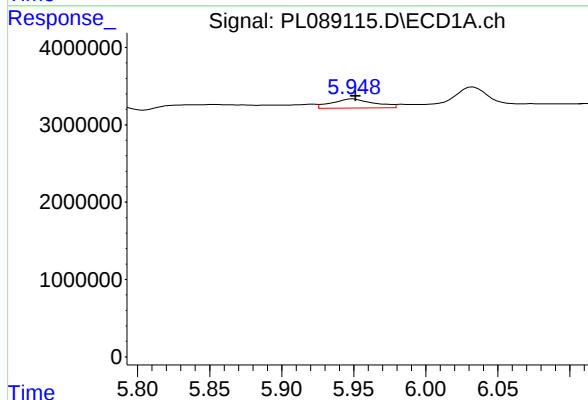
R.T.: 5.236 min
Delta R.T.: -0.005 min
Response: 2167905
Conc: 22.95 ng/ml

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



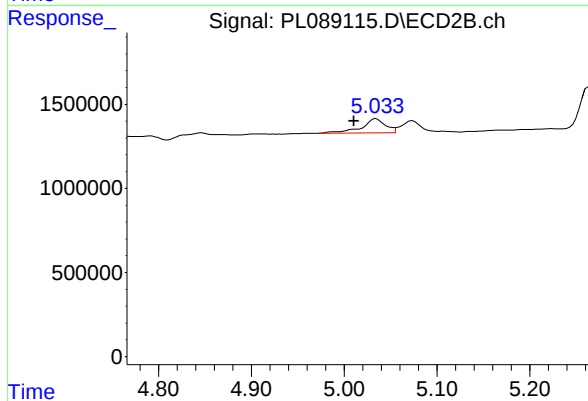
#24 Chlordane-2

R.T.: 4.383 min
Delta R.T.: 0.004 min
Response: 364671
Conc: 5.62 ng/ml



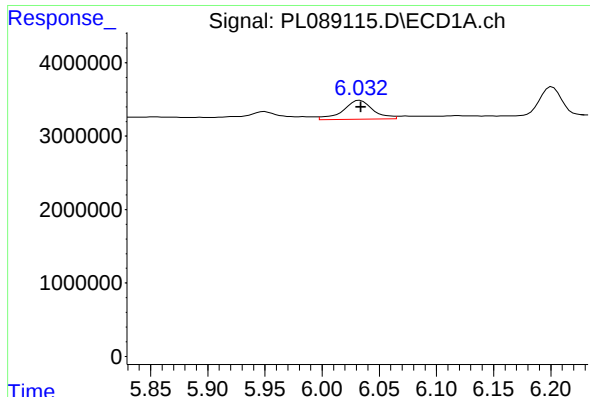
#25 Chlordane-3

R.T.: 5.950 min
Delta R.T.: -0.001 min
Response: 2419474
Conc: 7.51 ng/ml



#25 Chlordane-3

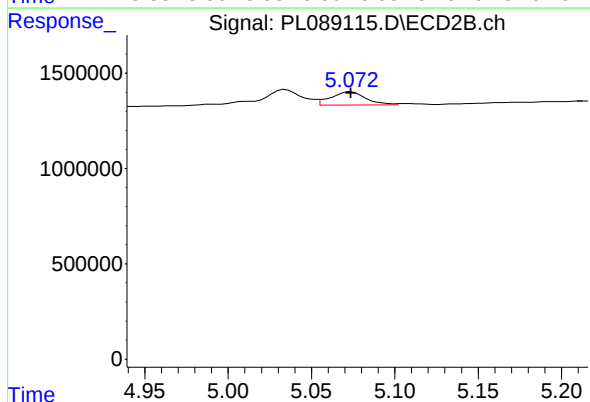
R.T.: 5.034 min
Delta R.T.: 0.024 min
Response: 1459885
Conc: 8.45 ng/ml



#26 Chlordane-4

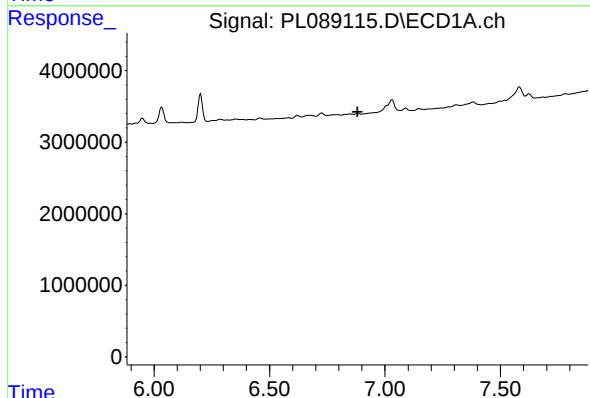
R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 4666152
Conc: 11.80 ng/ml

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



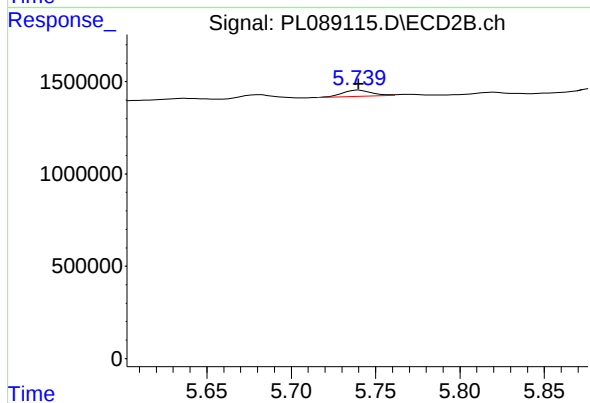
#26 Chlordane-4

R.T.: 5.074 min
Delta R.T.: 0.000 min
Response: 1006997
Conc: 6.21 ng/ml



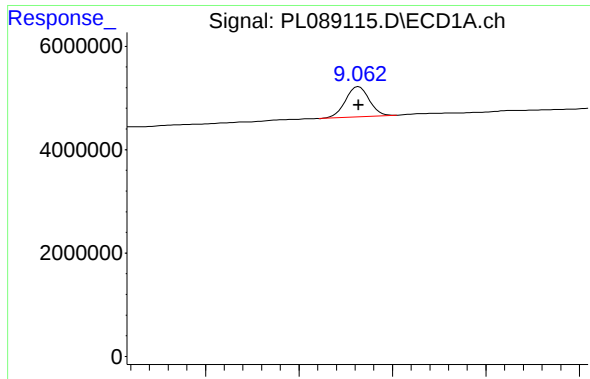
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.882 min
Response: 0
Conc: N.D.



#27 Chlordane-5

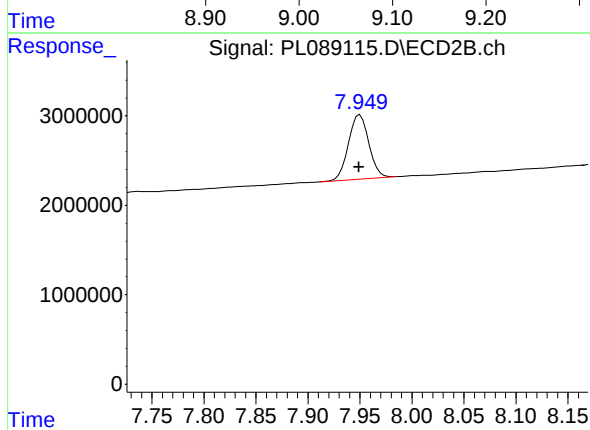
R.T.: 5.740 min
Delta R.T.: 0.000 min
Response: 401684
Conc: 7.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.000 min
Response: 10369057
Conc: 8.14 ng/ml

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



#28 Decachlorobiphenyl

R.T.: 7.950 min
Delta R.T.: 0.000 min
Response: 9799543
Conc: 7.32 ng/ml