

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042324\
 Data File : PL089138.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2024 10:31
 Operator : AR\AJ
 Sample : P2178-05RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TOPSOIL-LKWD-DENALI-6RE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 11:45:35 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	25202874	14786143	11.858	11.093
28)	SA Decachlor...	9.061	7.948	10426457	10109195	8.186	7.549
Target Compounds							
2)	A alpha-BHC	0.000	3.301	0	457411	N.D.	0.231 #
3)	MA gamma-BHC...	4.362f	3.649f	94533	268827	0.033	0.140 #
4)	MA Heptachlor	4.953f	4.006f	2539981	589155	1.021	0.328 #
5)	MB Aldrin	5.267	4.263	3039976	1551801	1.171	0.846 #
6)	B beta-BHC	4.561f	0.000	1005156	0	0.749	N.D. #
7)	B delta-BHC	4.779	4.163	558475	963401	0.209	0.528 #
8)	B Heptachlo...	5.689	4.761	17950492	328269	7.607	0.198 #
9)	A Endosulfan I	6.095	0.000	3707766	0	1.696	N.D. #
10)	B gamma-Chl...	5.951	5.011	24913976	516458	10.838	0.315 #
11)	B alpha-Chl...	6.033	5.073	23888808	3006971	10.435	1.818 #
12)	B 4,4'-DDE	6.201	5.262	19813240	3047526	9.859	2.072 #
13)	MA Dieldrin	6.355	5.397	9291636	416506	4.120	0.255 #
14)	MA Endrin	6.579	5.685f	7654888	724203	4.073	0.498 #
15)	B Endosulfa...	6.797	5.966	2416977	456464	1.255	0.319 #
16)	A 4,4'-DDD	6.725	5.817	7244480	94606	4.494	0.078 #
17)	MA 4,4'-DDT	7.030	6.067	3636659	1349259	1.996	1.029 #
18)	B Endrin al...	6.914f	6.162f	-78978	136163	N.D.	0.124
19)	B Endosulfa...	7.179	6.364	61435	382770	0.036	0.283 #
20)	A Methoxychlor	0.000	6.619f	0	437978	N.D.	0.586 #
21)	B Endrin ke...	7.659	0.000	79915	0	0.041	N.D. #
23)	Chlordane-1	4.711	3.800	713626	606965	7.856	11.824 #
24)	Chlordane-2	5.236	4.382	6448097	3287474	68.264	50.619 #
25)	Chlordane-3	5.951	5.011	24913976	516458	77.299	2.990 #
26)	Chlordane-4	6.033	5.073	23888808	3006971	60.428	18.539 #
27)	Chlordane-5	6.853f	5.738	917636	445907	12.120	8.845 #

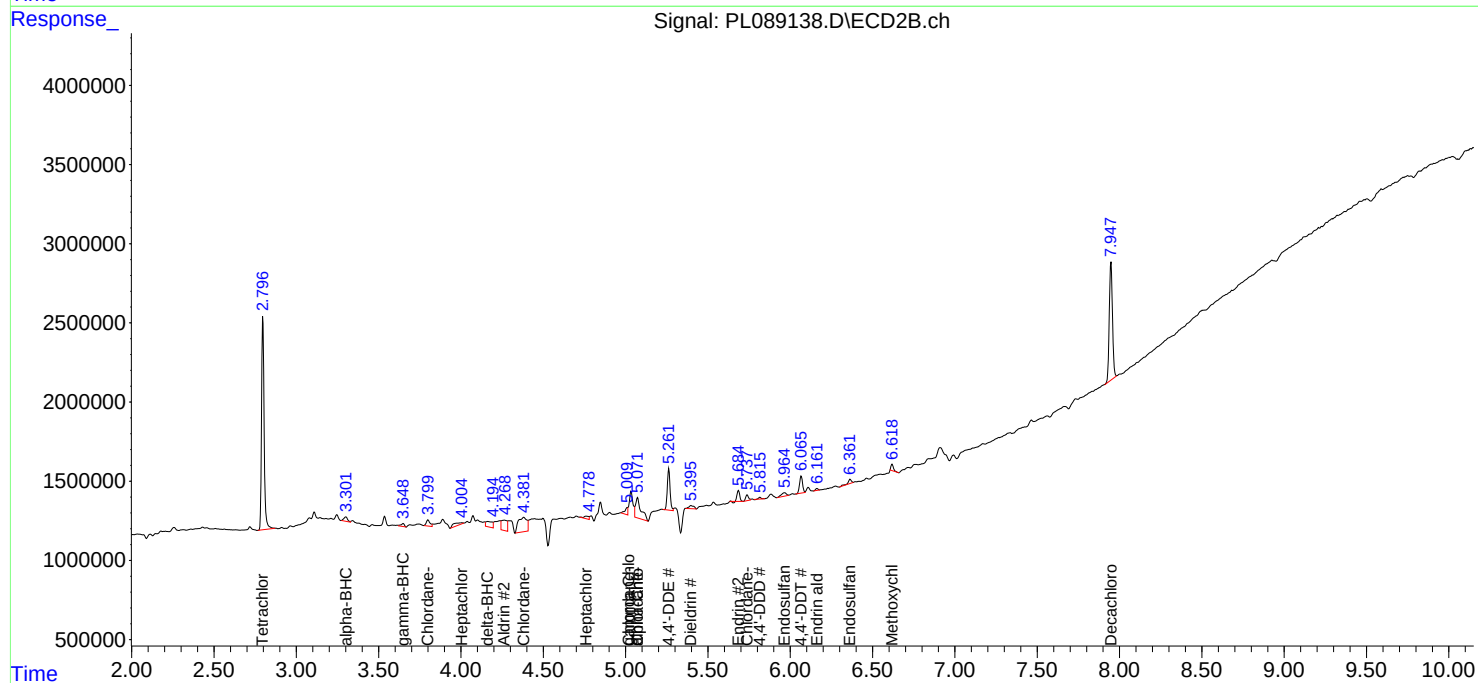
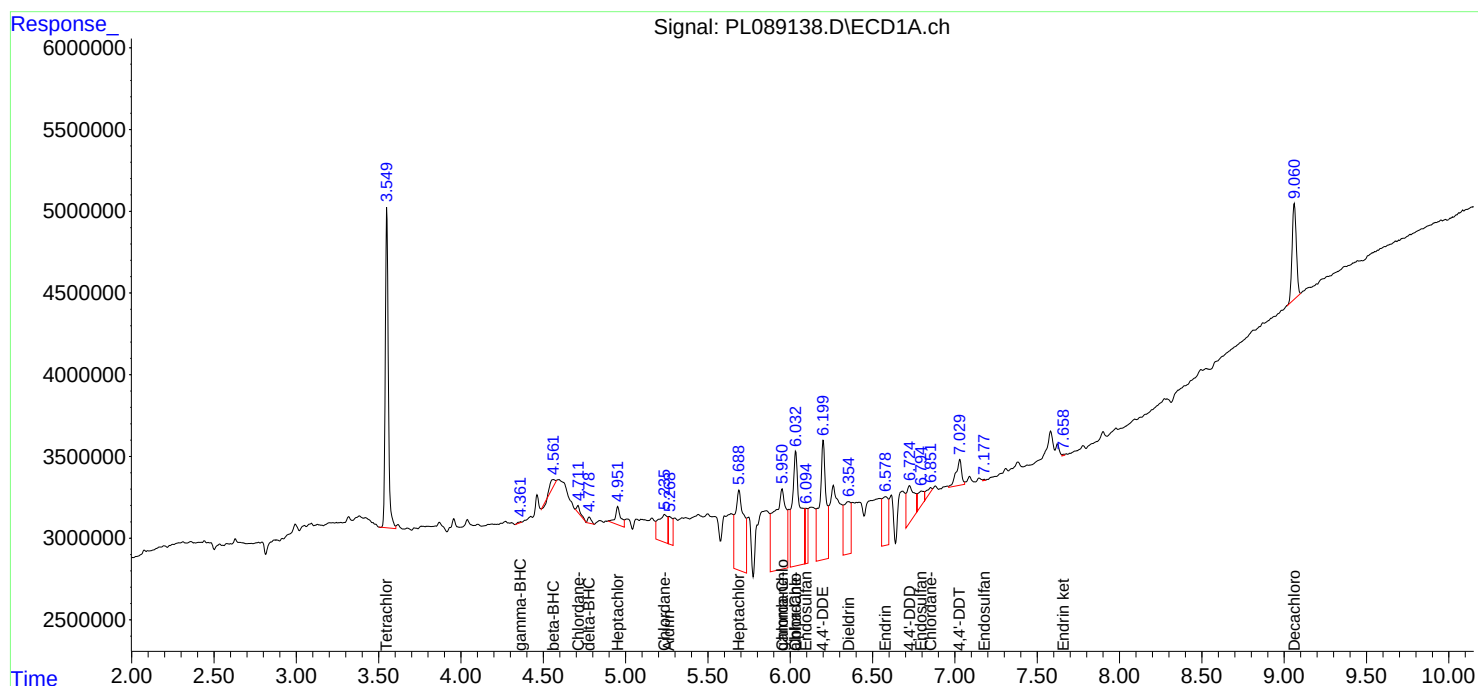
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

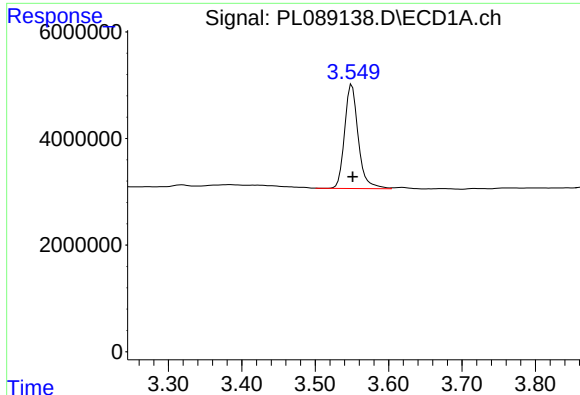
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042324\
 Data File : PL089138.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2024 10:31
 Operator : AR\AJ
 Sample : P2178-05RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TOPSOIL-LKWD-DENALI-6RE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 11:45:35 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

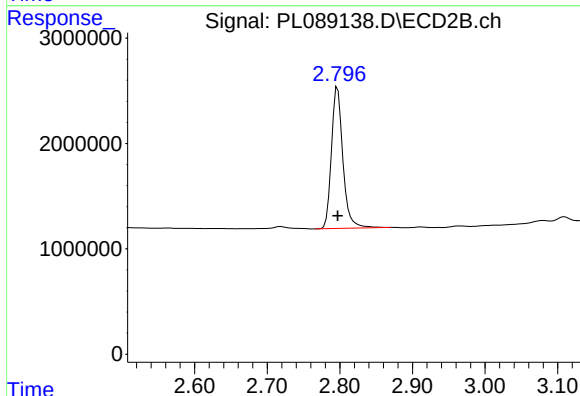




#1 Tetrachloro-m-xylene

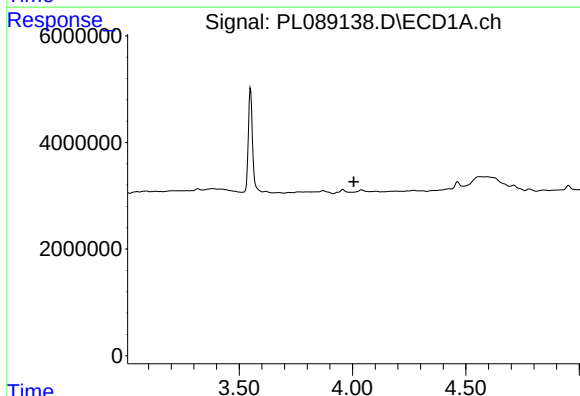
R.T.: 3.550 min
Delta R.T.: -0.001 min
Response: 25202874
Conc: 11.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-6RE



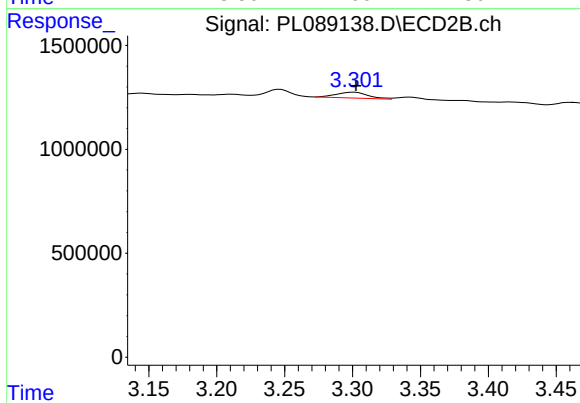
#1 Tetrachloro-m-xylene

R.T.: 2.797 min
Delta R.T.: 0.000 min
Response: 14786143
Conc: 11.09 ng/ml



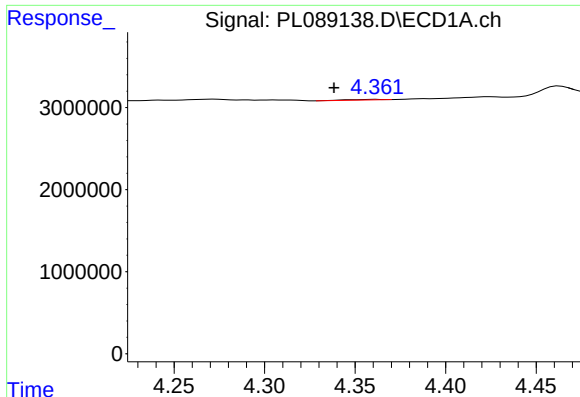
#2 alpha-BHC

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



#2 alpha-BHC

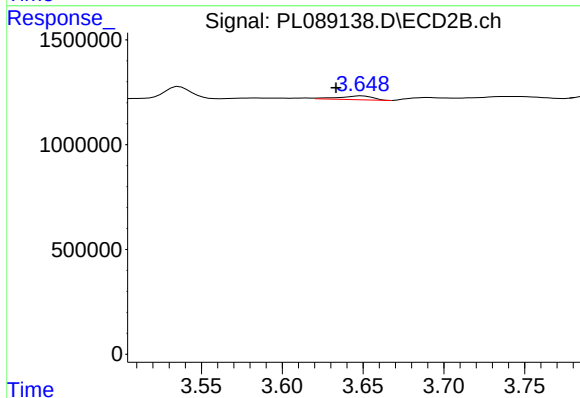
R.T.: 3.301 min
Delta R.T.: -0.001 min
Response: 457411
Conc: 0.23 ng/ml



#3 gamma-BHC (Lindane)

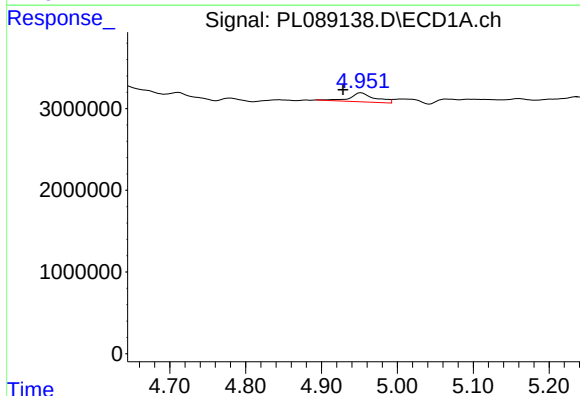
R.T.: 4.362 min
Delta R.T.: 0.024 min
Response: 94533
Conc: 0.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-6RE



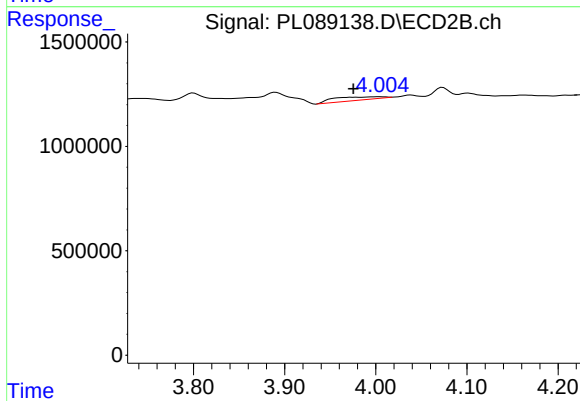
#3 gamma-BHC (Lindane)

R.T.: 3.649 min
Delta R.T.: 0.016 min
Response: 268827
Conc: 0.14 ng/ml



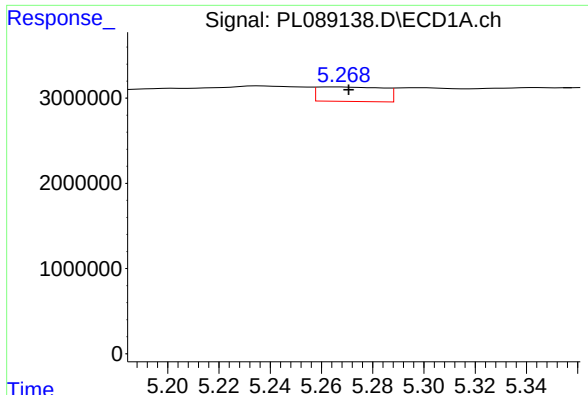
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: 0.024 min
Response: 2539981
Conc: 1.02 ng/ml



#4 Heptachlor

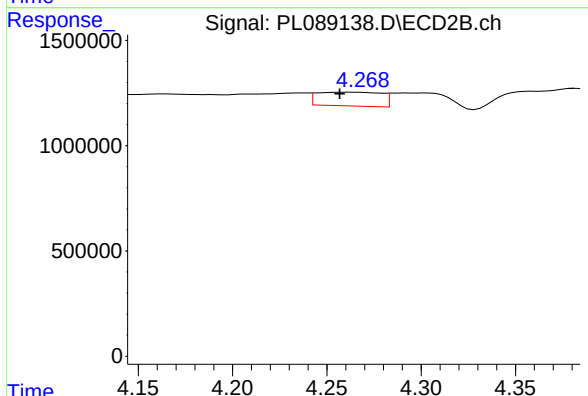
R.T.: 4.006 min
Delta R.T.: 0.030 min
Response: 589155
Conc: 0.33 ng/ml



#5 Aldrin

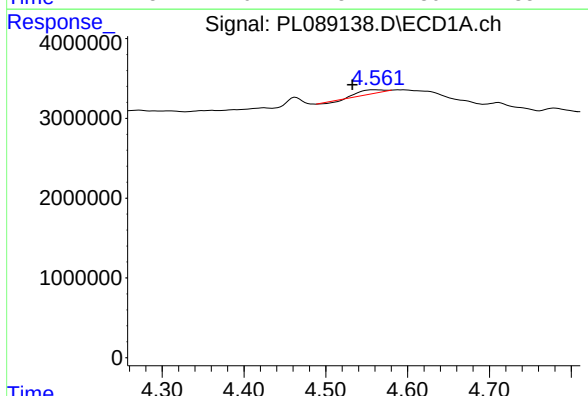
R.T.: 5.267 min
Delta R.T.: -0.004 min
Response: 3039976
Conc: 1.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-6RE



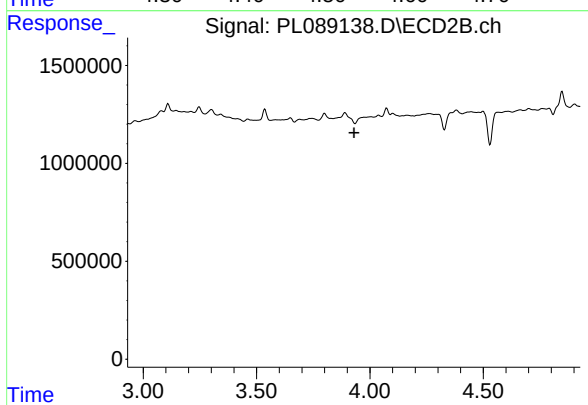
#5 Aldrin

R.T.: 4.263 min
Delta R.T.: 0.006 min
Response: 1551801
Conc: 0.85 ng/ml



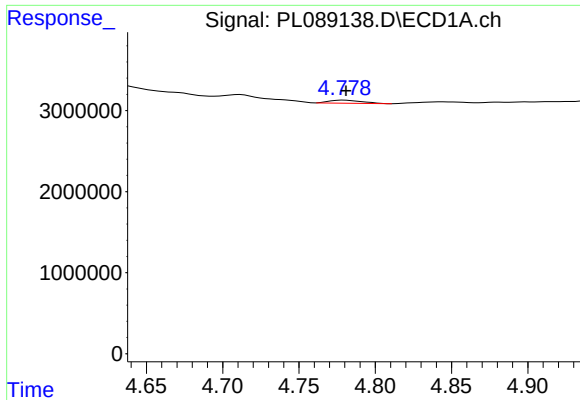
#6 beta-BHC

R.T.: 4.561 min
Delta R.T.: 0.029 min
Response: 1005156
Conc: 0.75 ng/ml



#6 beta-BHC

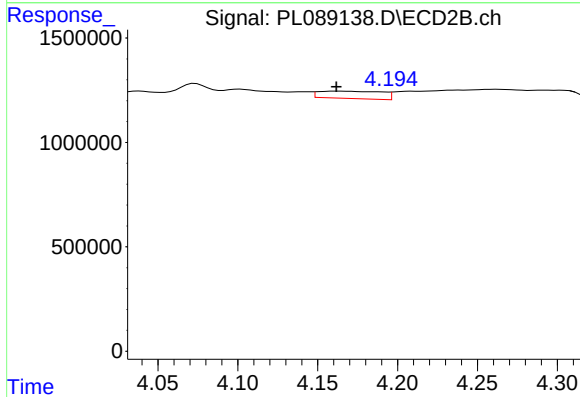
R.T.: 0.000 min
Exp R.T. : 3.930 min
Response: 0
Conc: N.D.



#7 delta-BHC

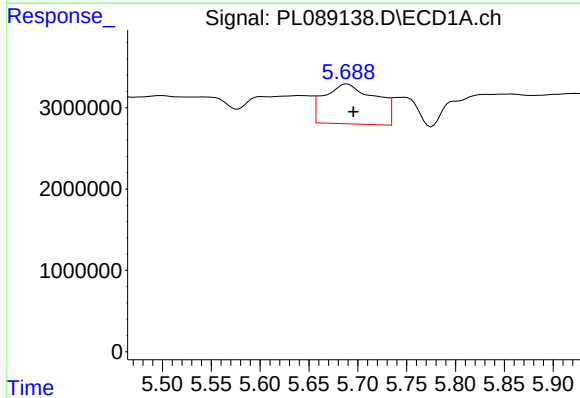
R.T.: 4.779 min
Delta R.T.: -0.002 min
Response: 558475
Conc: 0.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-6RE



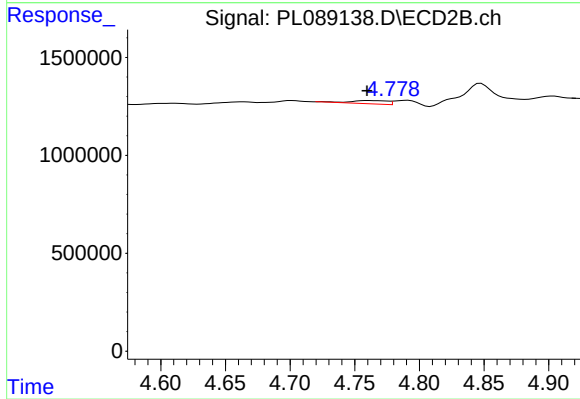
#7 delta-BHC

R.T.: 4.163 min
Delta R.T.: 0.002 min
Response: 963401
Conc: 0.53 ng/ml



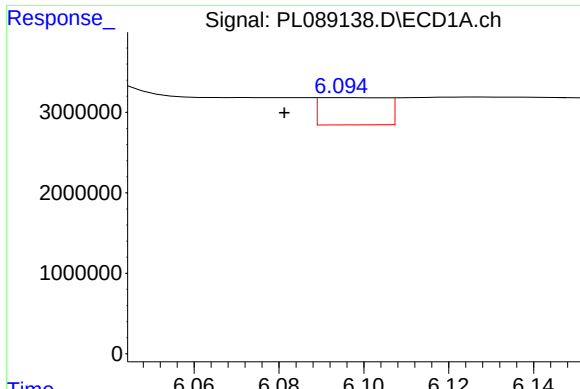
#8 Heptachlor epoxide

R.T.: 5.689 min
Delta R.T.: -0.007 min
Response: 17950492
Conc: 7.61 ng/ml



#8 Heptachlor epoxide

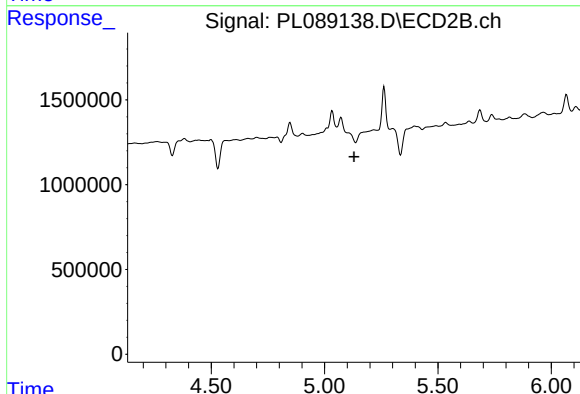
R.T.: 4.761 min
Delta R.T.: 0.000 min
Response: 328269
Conc: 0.20 ng/ml



#9 Endosulfan I

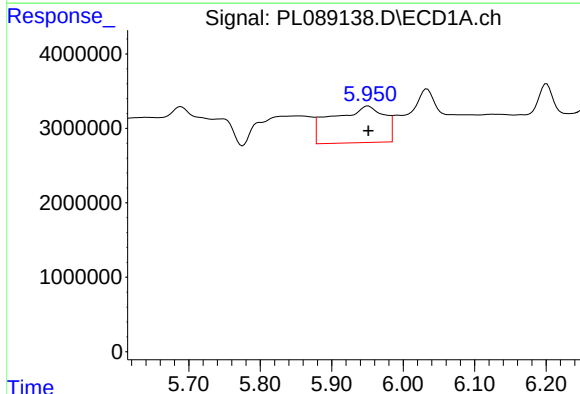
R.T.: 6.095 min
Delta R.T.: 0.014 min
Response: 3707766
Conc: 1.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-6RE



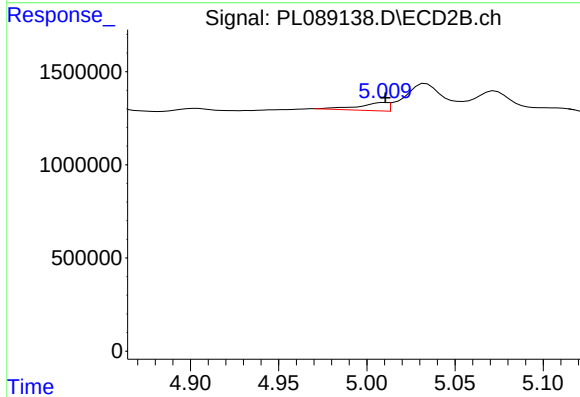
#9 Endosulfan I

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



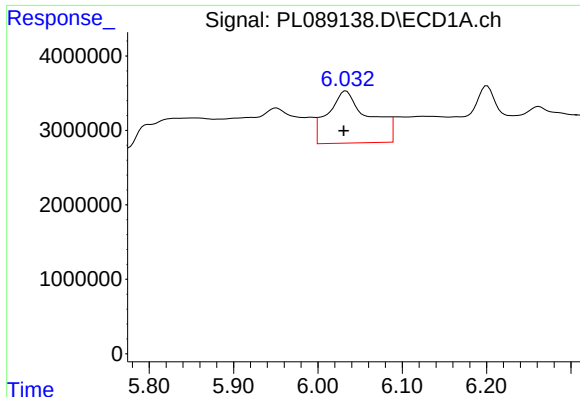
#10 gamma-Chlordane

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 24913976
Conc: 10.84 ng/ml



#10 gamma-Chlordane

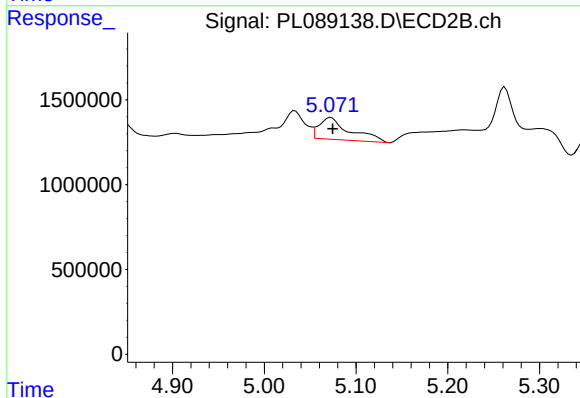
R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 516458
Conc: 0.31 ng/ml



#11 alpha-Chlordane

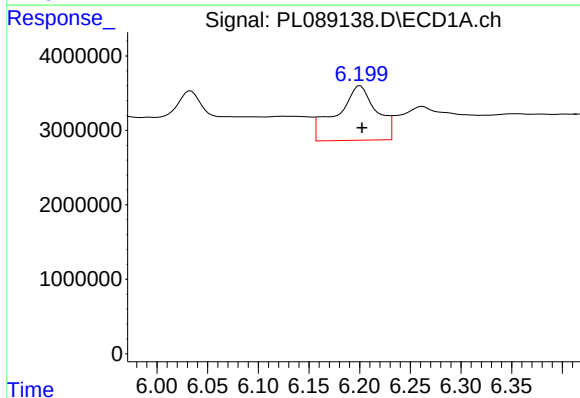
R.T.: 6.033 min
Delta R.T.: 0.003 min
Response: 23888808
Conc: 10.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-6RE



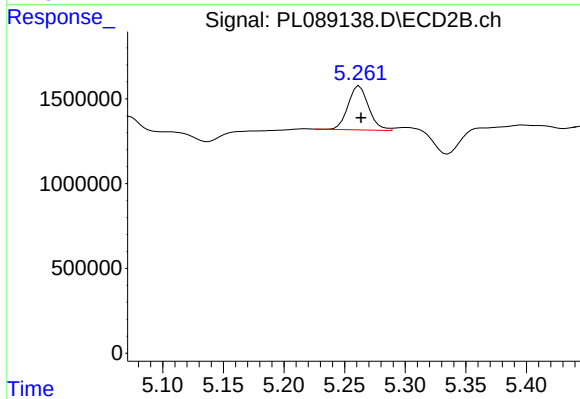
#11 alpha-Chlordane

R.T.: 5.073 min
Delta R.T.: -0.002 min
Response: 3006971
Conc: 1.82 ng/ml



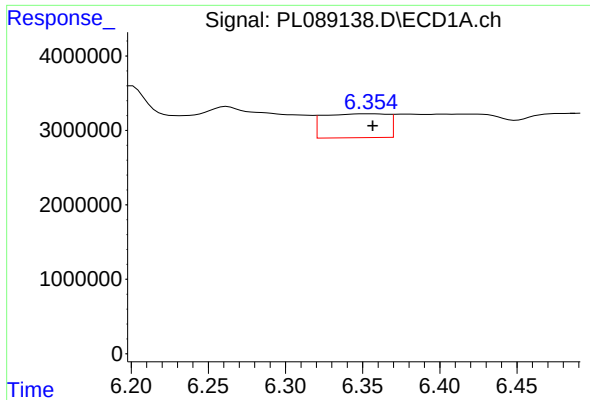
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: -0.002 min
Response: 19813240
Conc: 9.86 ng/ml



#12 4,4'-DDE

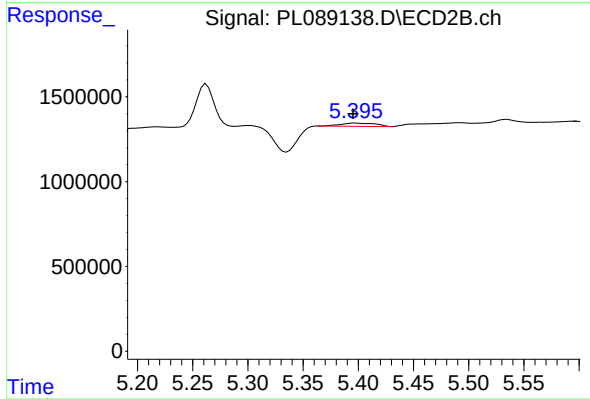
R.T.: 5.262 min
Delta R.T.: -0.001 min
Response: 3047526
Conc: 2.07 ng/ml



#13 Dieldrin

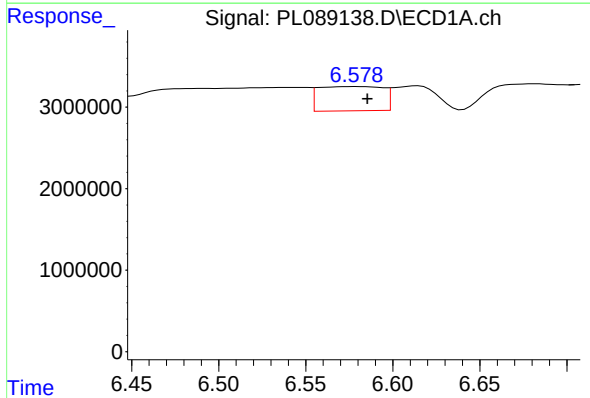
R.T.: 6.355 min
Delta R.T.: -0.001 min
Response: 9291636
Conc: 4.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-6RE



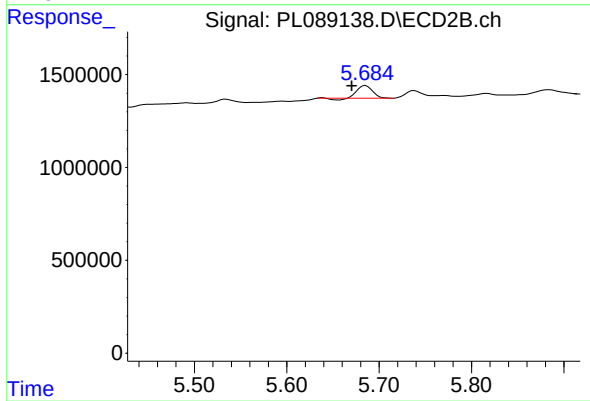
#13 Dieldrin

R.T.: 5.397 min
Delta R.T.: 0.002 min
Response: 416506
Conc: 0.25 ng/ml



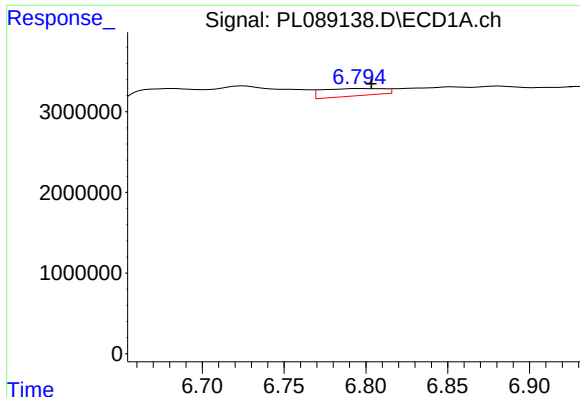
#14 Endrin

R.T.: 6.579 min
Delta R.T.: -0.006 min
Response: 7654888
Conc: 4.07 ng/ml



#14 Endrin

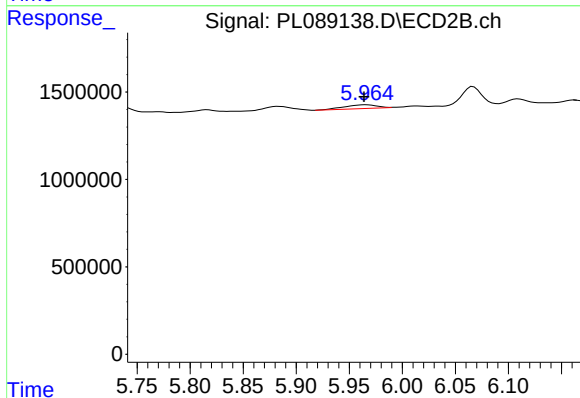
R.T.: 5.685 min
Delta R.T.: 0.015 min
Response: 724203
Conc: 0.50 ng/ml



#15 Endosulfan II

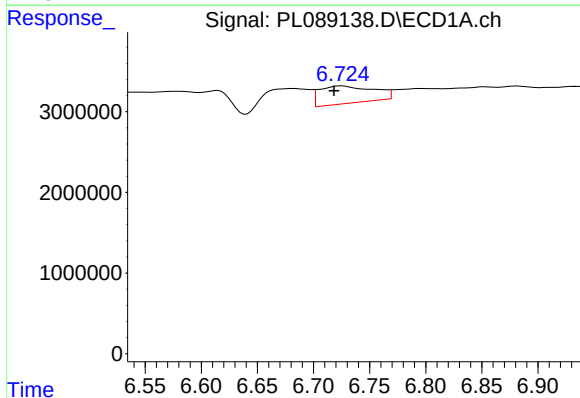
R.T.: 6.797 min
Delta R.T.: -0.006 min
Response: 2416977
Conc: 1.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-6RE



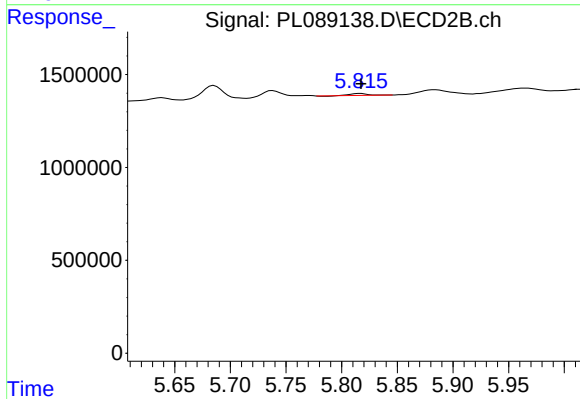
#15 Endosulfan II

R.T.: 5.966 min
Delta R.T.: 0.002 min
Response: 456464
Conc: 0.32 ng/ml



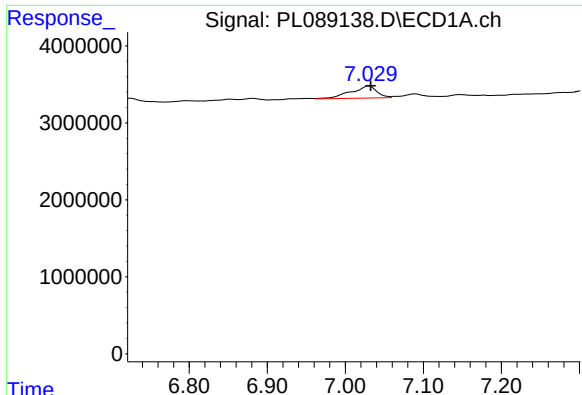
#16 4,4'-DDD

R.T.: 6.725 min
Delta R.T.: 0.007 min
Response: 7244480
Conc: 4.49 ng/ml



#16 4,4'-DDD

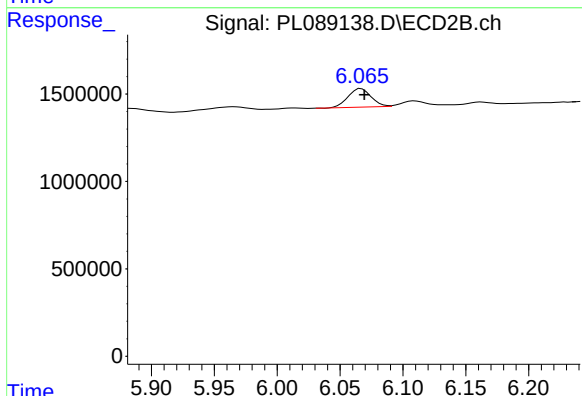
R.T.: 5.817 min
Delta R.T.: -0.001 min
Response: 94606
Conc: 0.08 ng/ml



#17 4,4'-DDT

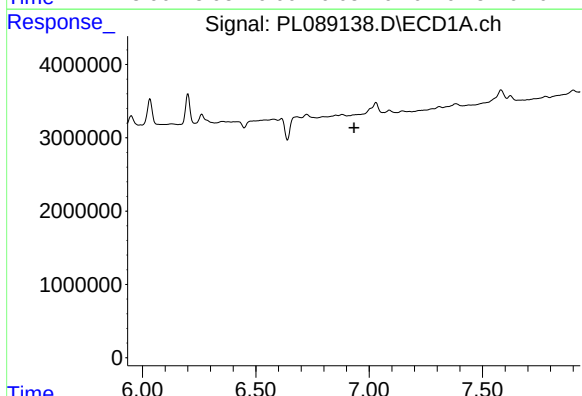
R.T.: 7.030 min
Delta R.T.: -0.002 min
Response: 3636659
Conc: 2.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-6RE



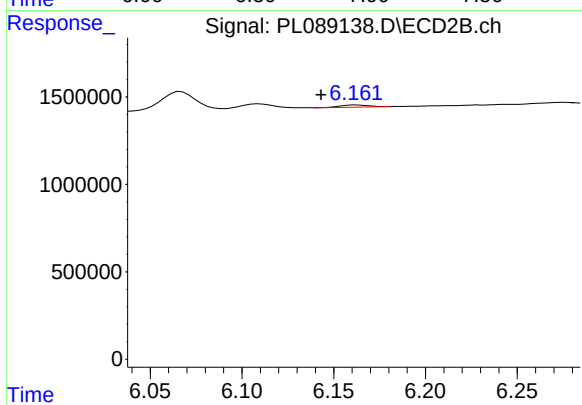
#17 4,4'-DDT

R.T.: 6.067 min
Delta R.T.: -0.003 min
Response: 1349259
Conc: 1.03 ng/ml



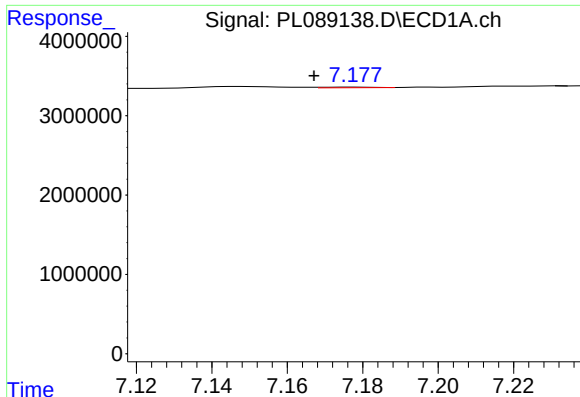
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: -0.019 min
Response: -78978
Conc: N.D.



#18 Endrin aldehyde

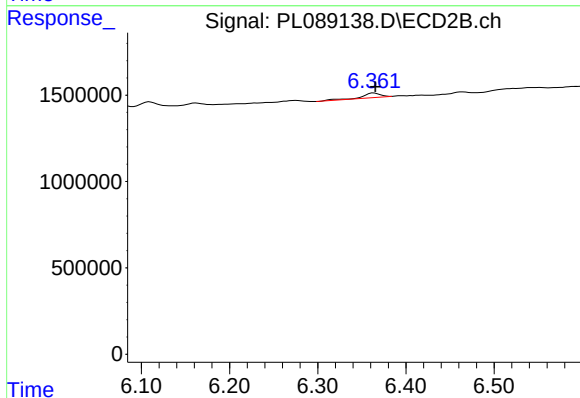
R.T.: 6.162 min
Delta R.T.: 0.019 min
Response: 136163
Conc: 0.12 ng/ml



#19 Endosulfan Sulfate

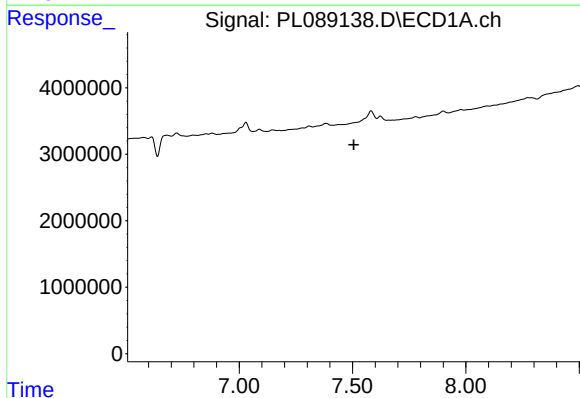
R.T.: 7.179 min
Delta R.T.: 0.012 min
Response: 61435
Conc: 0.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-6RE



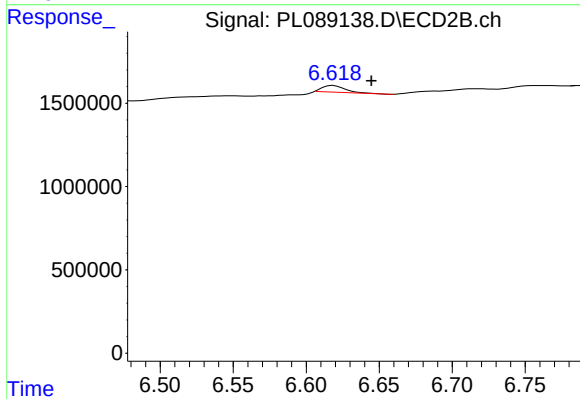
#19 Endosulfan Sulfate

R.T.: 6.364 min
Delta R.T.: -0.002 min
Response: 382770
Conc: 0.28 ng/ml



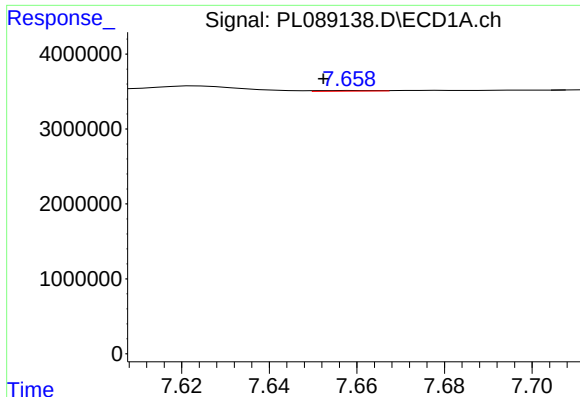
#20 Methoxychlor

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



#20 Methoxychlor

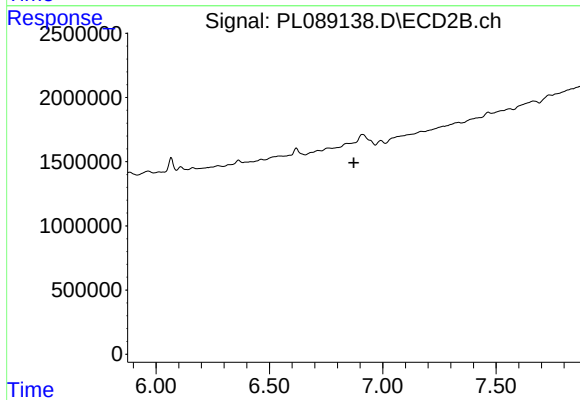
R.T.: 6.619 min
Delta R.T.: -0.026 min
Response: 437978
Conc: 0.59 ng/ml



#21 Endrin ketone

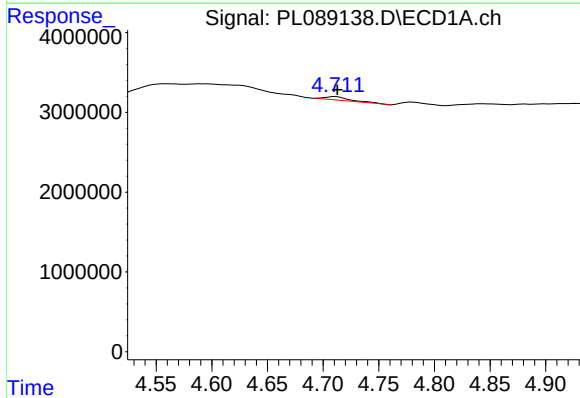
R.T.: 7.659 min
Delta R.T.: 0.007 min
Response: 79915
Conc: 0.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-6RE



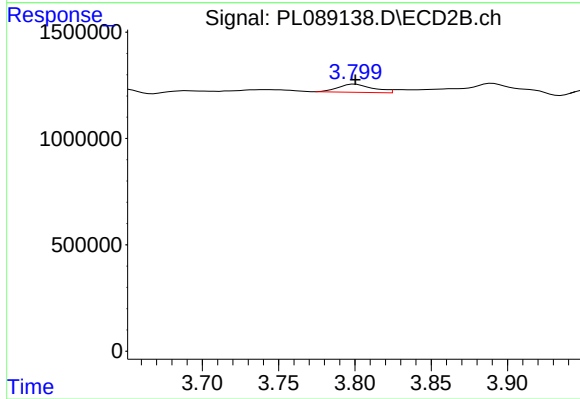
#21 Endrin ketone

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



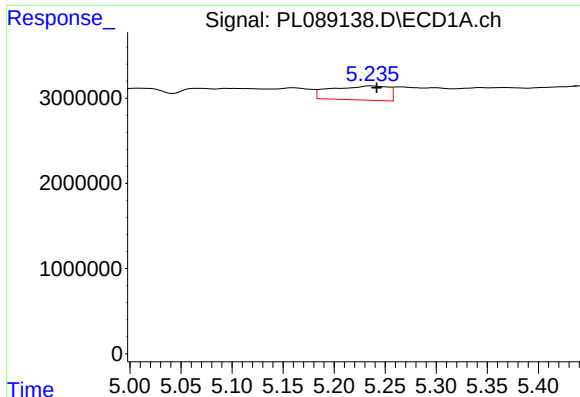
#23 Chlordane-1

R.T.: 4.711 min
Delta R.T.: -0.002 min
Response: 713626
Conc: 7.86 ng/ml



#23 Chlordane-1

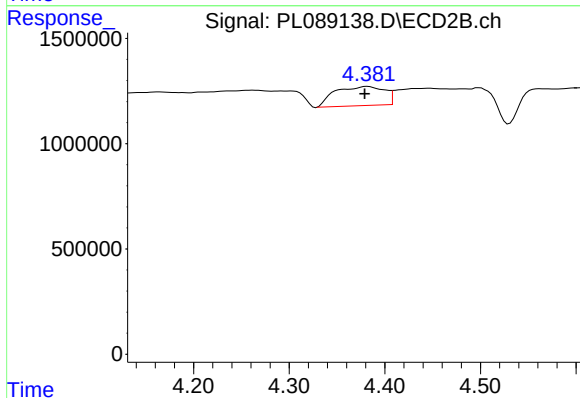
R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 606965
Conc: 11.82 ng/ml



#24 Chlordane-2

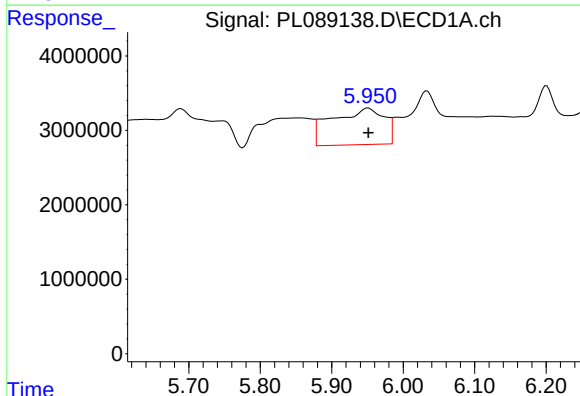
R.T.: 5.236 min
Delta R.T.: -0.005 min
Response: 6448097
Conc: 68.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-6RE



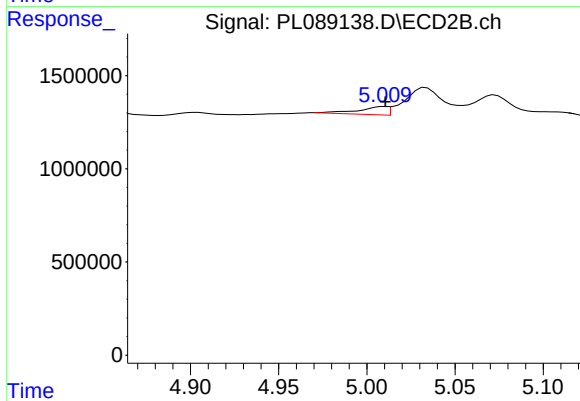
#24 Chlordane-2

R.T.: 4.382 min
Delta R.T.: 0.003 min
Response: 3287474
Conc: 50.62 ng/ml



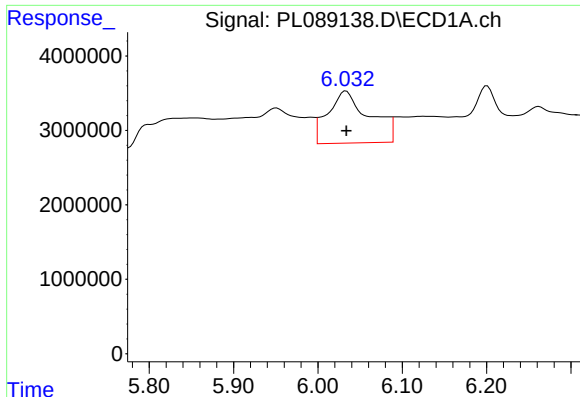
#25 Chlordane-3

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 24913976
Conc: 77.30 ng/ml



#25 Chlordane-3

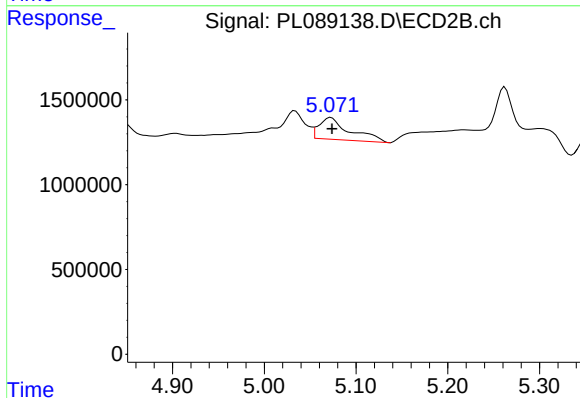
R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 516458
Conc: 2.99 ng/ml



#26 Chlordane-4

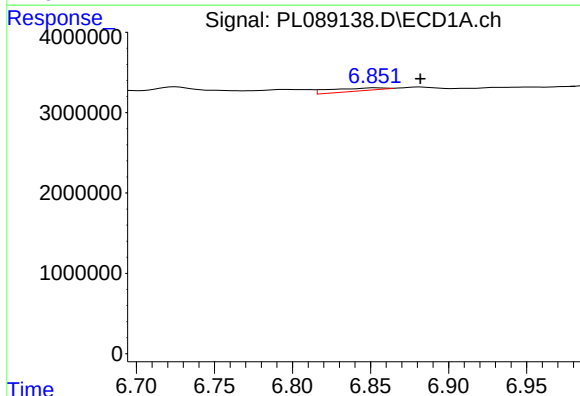
R.T.: 6.033 min
Delta R.T.: 0.000 min
Response: 23888808
Conc: 60.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-6RE



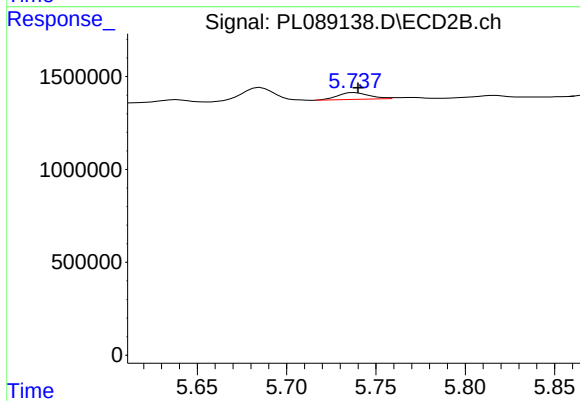
#26 Chlordane-4

R.T.: 5.073 min
Delta R.T.: -0.001 min
Response: 3006971
Conc: 18.54 ng/ml



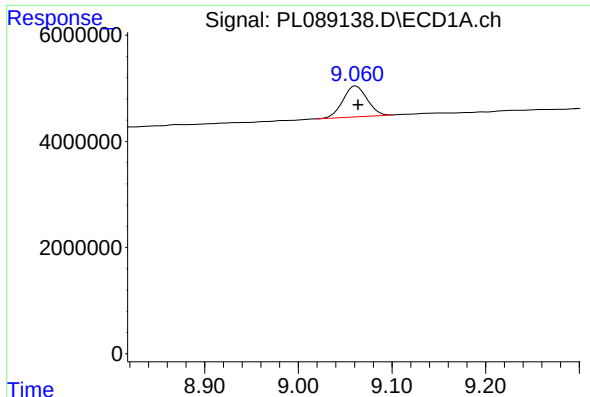
#27 Chlordane-5

R.T.: 6.853 min
Delta R.T.: -0.029 min
Response: 917636
Conc: 12.12 ng/ml



#27 Chlordane-5

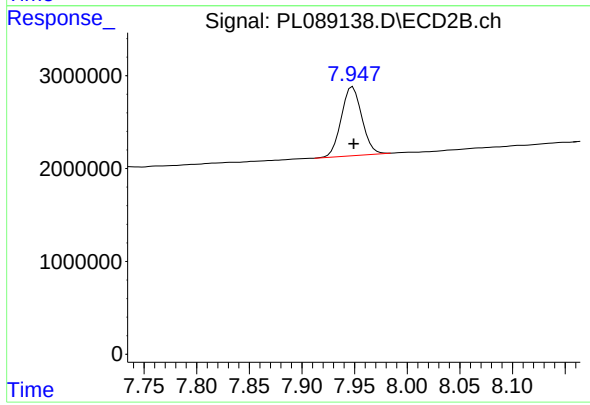
R.T.: 5.738 min
Delta R.T.: -0.002 min
Response: 445907
Conc: 8.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: -0.002 min
Response: 10426457
Conc: 8.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
TOPSOIL-LKWD-DENALI-6RE



#28 Decachlorobiphenyl

R.T.: 7.948 min
Delta R.T.: 0.000 min
Response: 10109195
Conc: 7.55 ng/ml