

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080224\
 Data File : PL090747.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2024 11:46
 Operator : AR\AJ
 Sample : P3390-01
 Misc : PEST LOD 2.5PPB/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 03 00:31:39 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 14:16:48 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	2.785	37631424	30468329	18.073	18.104
28)	SA Decachlor...	9.066	7.931	27887123	30249656	20.986	20.746
Target Compounds							
2)	A alpha-BHC	4.005	3.288	7779314	5260657	2.622	2.177
3)	MA gamma-BHC...	4.337	3.619	8740680	5325540	3.121	2.309 #
4)	MA Heptachlor	4.927	3.960	8947473	5012479	3.516	2.272 #
5)	MB Aldrin	5.268	4.240	6980035	4923482	2.794	2.314
6)	B beta-BHC	4.534	3.918	3320246	2774513	2.617	2.688
7)	B delta-BHC	4.781	4.147	8273511	4787290	3.086	2.176 #
8)	B Heptachlo...	5.693	4.743	7406126	4787213	3.151	2.455
9)	A Endosulfan I	6.079	5.113	6180578	4477699	2.890	2.448
10)	B gamma-Chl...	5.949	4.993	6594309	5083833	2.836	2.508
11)	B alpha-Chl...	6.028	5.057	6518796	5027263	2.840	2.488
12)	B 4,4'-DDE	6.201	5.246	5758360	4283686	2.848	2.397
13)	MA Dieldrin	6.354	5.378	6500818	4581202	2.926	2.336
14)	MA Endrin	6.583	5.653	4366340	4530140	2.375	2.632
15)	B Endosulfa...	6.802	5.947	7144835	4530800	3.633	2.652 #
16)	A 4,4'-DDD	6.718	5.801	5330487	4233165	3.157	2.825
17)	MA 4,4'-DDT	7.031	6.052	3869043	2798986	2.299	1.910
18)	B Endrin al...	6.932	6.127	4593261	3666147	3.096	2.806
19)	B Endosulfa...	7.166	6.349	5422248	4303040	3.087	2.669
20)	A Methoxychlor	7.508	6.627	1747788	1926009	1.980	2.382
21)	B Endrin ke...	7.650	6.855	5580188	5078149	2.923	2.779
22)	Mirex	8.125	7.038	4938539	4589562	3.487	3.087
23)	Chlordane-1	0.000	3.794	0	43793	N.D.	0.707 #
24)	Chlordane-2	5.268f	4.365	6980035	270929	68.196	3.572 #
25)	Chlordane-3	5.949	4.993	6594309	5083833	19.919	24.598
26)	Chlordane-4	6.028	5.057	6518796	5027263	16.366	25.689 #
27)	Chlordane-5	0.000	5.730	0	546389	N.D.	9.065 #

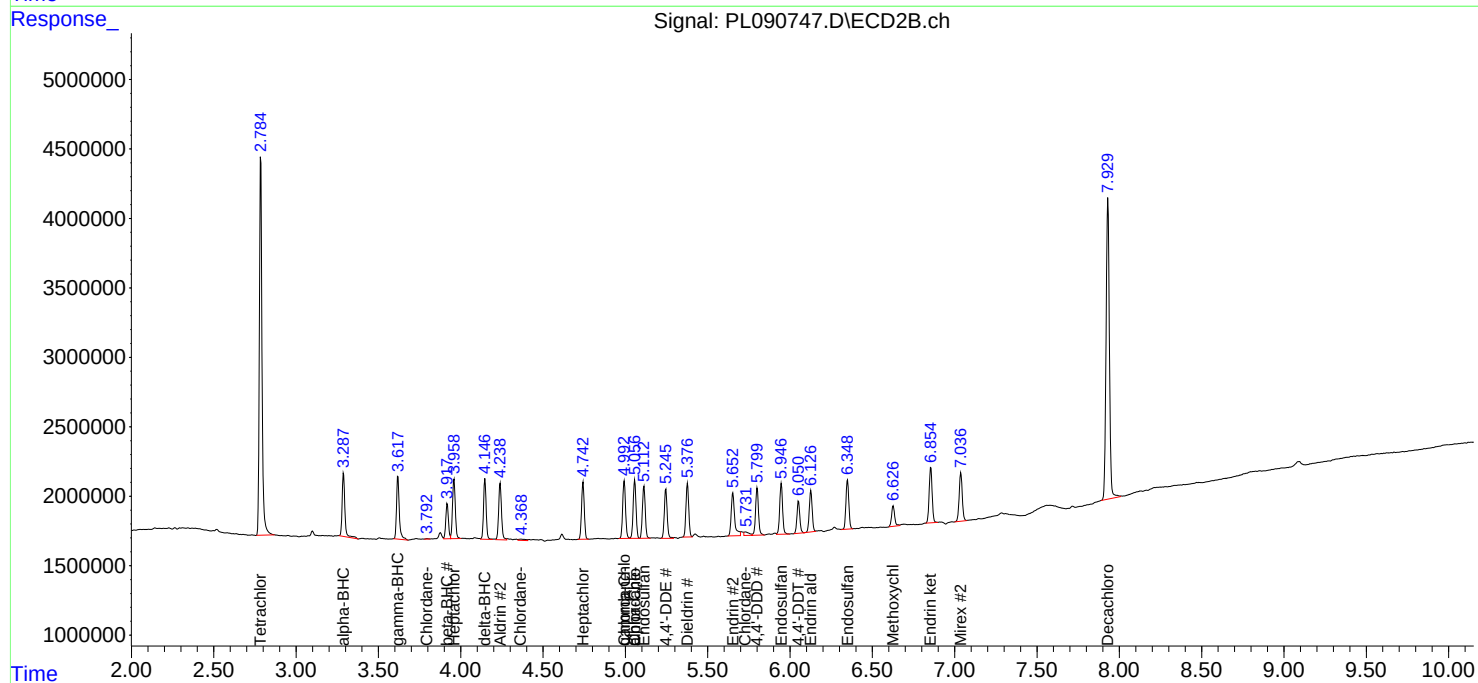
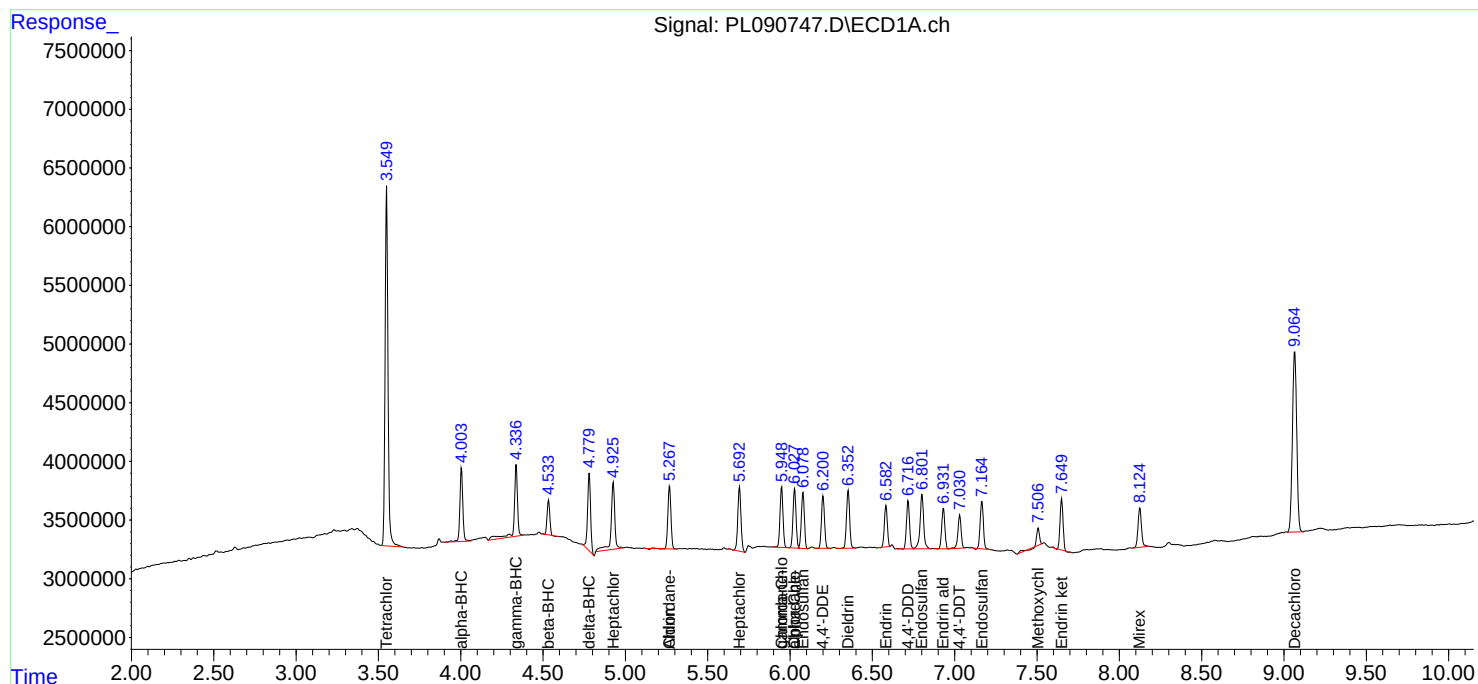
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

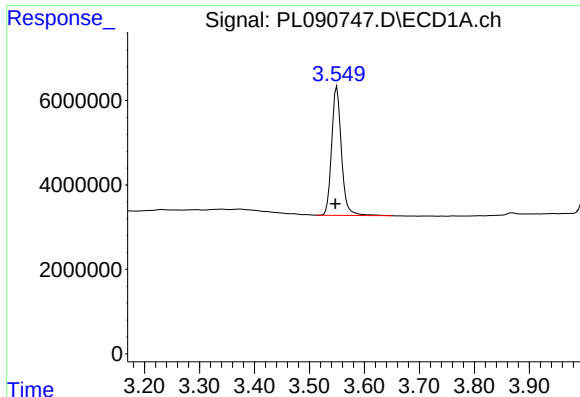
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080224\
Data File : PL090747.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2024 11:46
Operator : AR\AJ
Sample : P3390-01
Misc : PEST LOD 2.5PPB/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 03 00:31:39 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
Quant Title : GC Extractables
QLast Update : Mon Jul 15 14:16:48 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

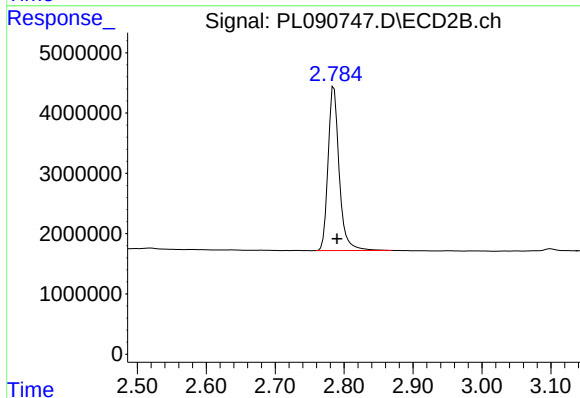




#1 Tetrachloro-m-xylene

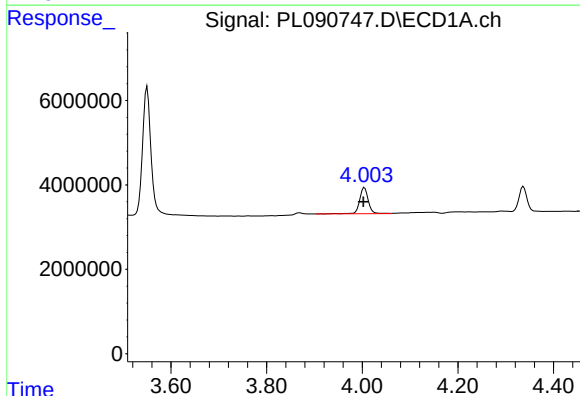
R.T.: 3.550 min
Delta R.T.: 0.003 min
Response: 37631424
Conc: 18.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



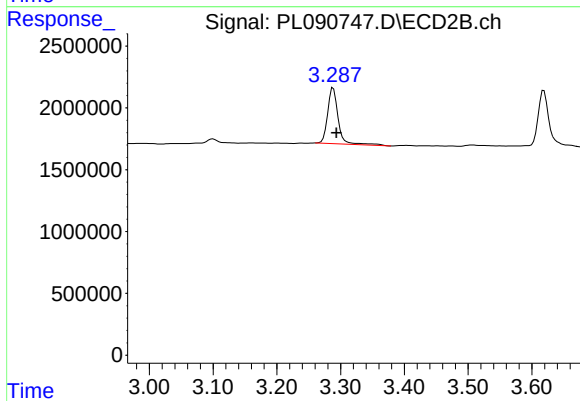
#1 Tetrachloro-m-xylene

R.T.: 2.785 min
Delta R.T.: -0.004 min
Response: 30468329
Conc: 18.10 ng/ml



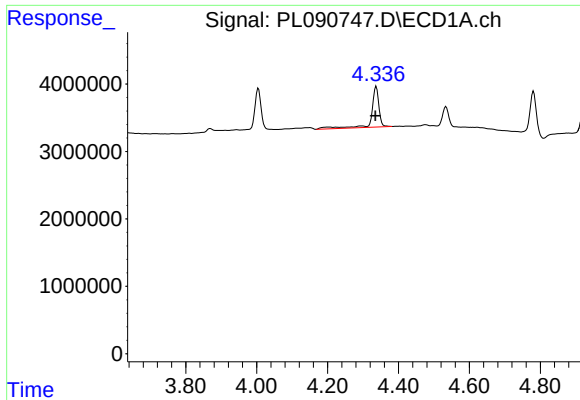
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.002 min
Response: 7779314
Conc: 2.62 ng/ml



#2 alpha-BHC

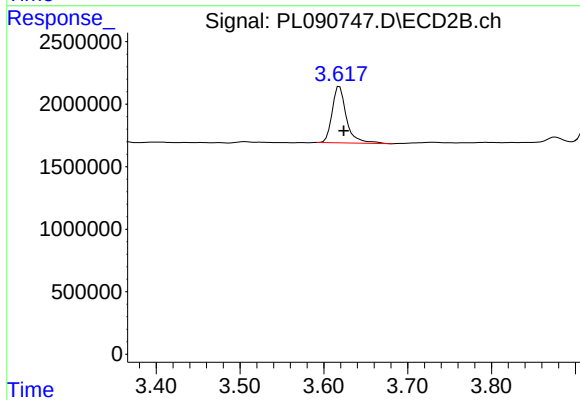
R.T.: 3.288 min
Delta R.T.: -0.005 min
Response: 5260657
Conc: 2.18 ng/ml



#3 gamma-BHC (Lindane)

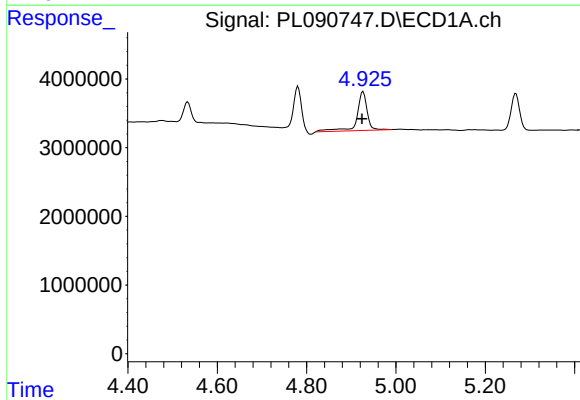
R.T.: 4.337 min
Delta R.T.: 0.003 min
Response: 8740680
Conc: 3.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



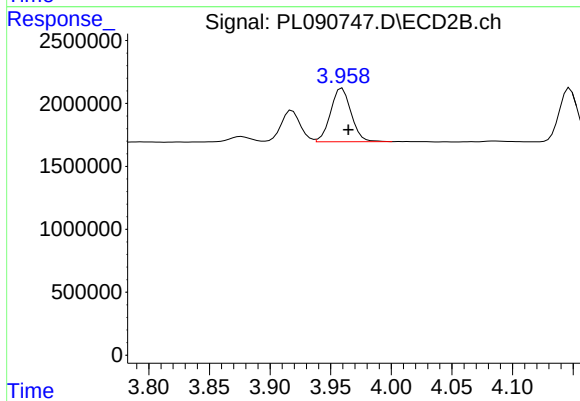
#3 gamma-BHC (Lindane)

R.T.: 3.619 min
Delta R.T.: -0.005 min
Response: 5325540
Conc: 2.31 ng/ml



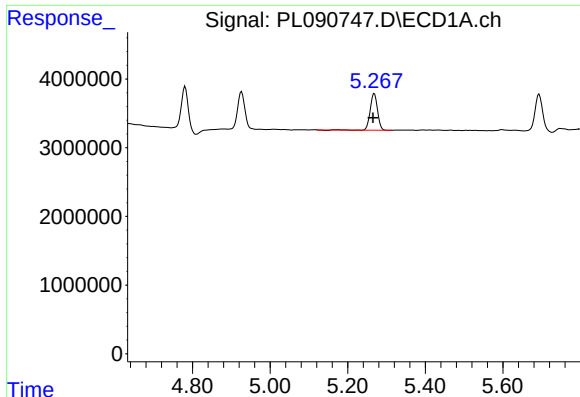
#4 Heptachlor

R.T.: 4.927 min
Delta R.T.: 0.002 min
Response: 8947473
Conc: 3.52 ng/ml



#4 Heptachlor

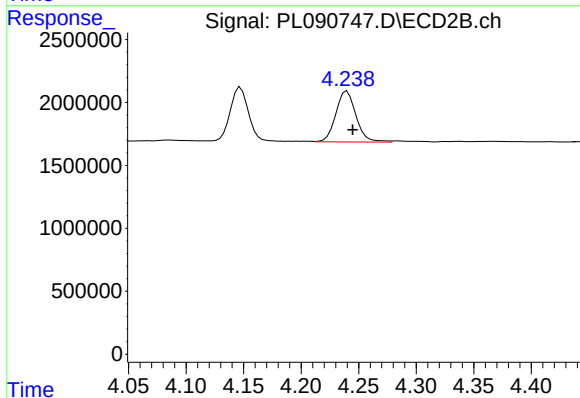
R.T.: 3.960 min
Delta R.T.: -0.005 min
Response: 5012479
Conc: 2.27 ng/ml



#5 Aldrin

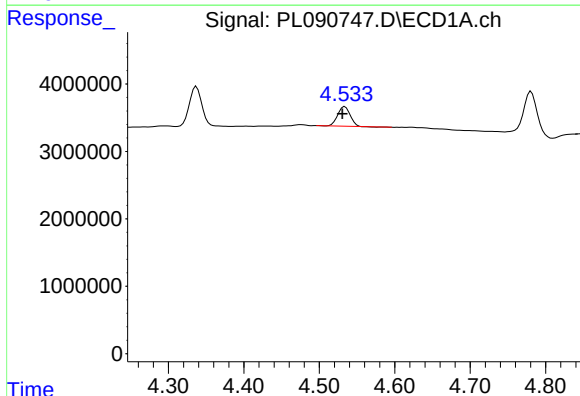
R.T.: 5.268 min
Delta R.T.: 0.003 min
Response: 6980035
Conc: 2.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



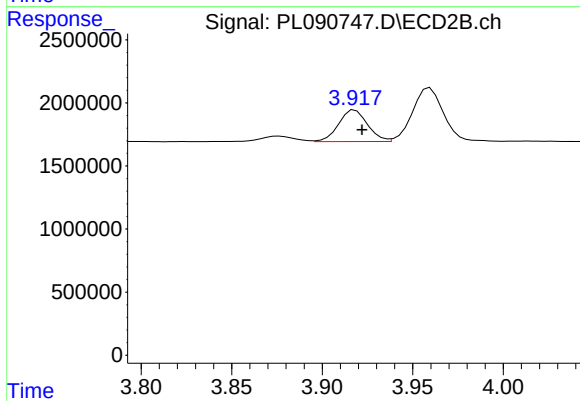
#5 Aldrin

R.T.: 4.240 min
Delta R.T.: -0.005 min
Response: 4923482
Conc: 2.31 ng/ml



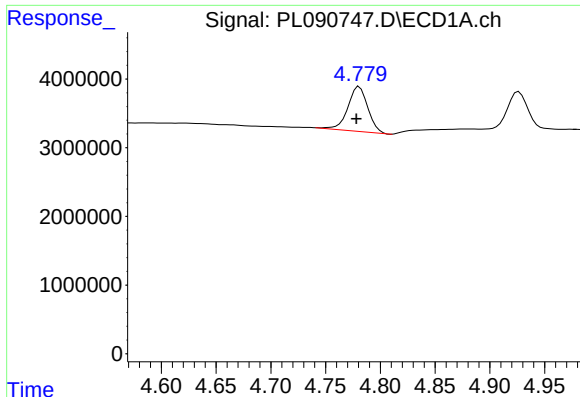
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.003 min
Response: 3320246
Conc: 2.62 ng/ml



#6 beta-BHC

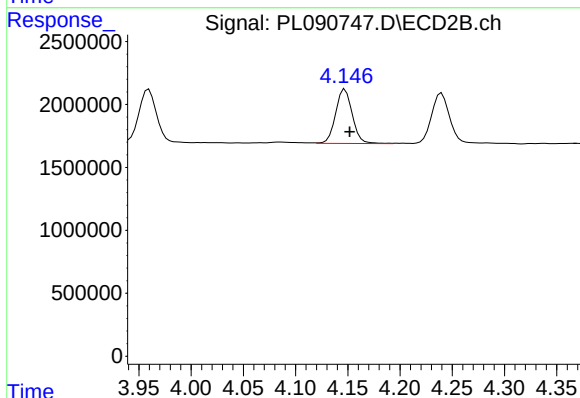
R.T.: 3.918 min
Delta R.T.: -0.004 min
Response: 2774513
Conc: 2.69 ng/ml



#7 delta-BHC

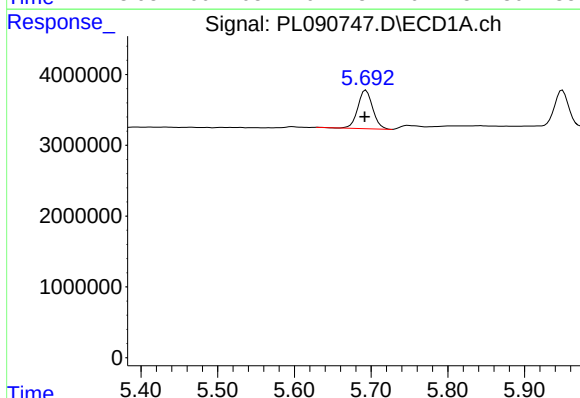
R.T.: 4.781 min
Delta R.T.: 0.003 min
Response: 8273511
Conc: 3.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



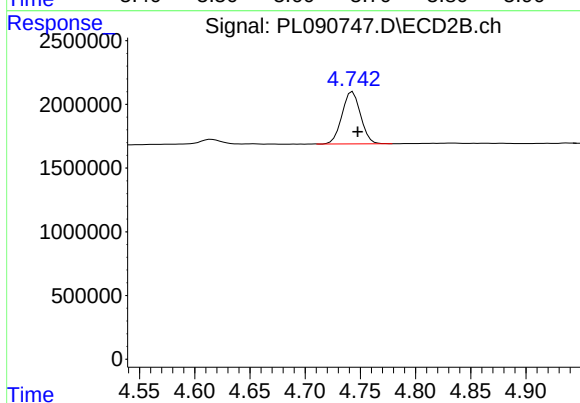
#7 delta-BHC

R.T.: 4.147 min
Delta R.T.: -0.004 min
Response: 4787290
Conc: 2.18 ng/ml



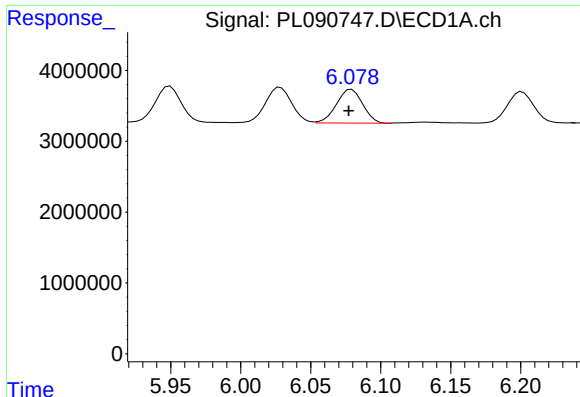
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: 0.002 min
Response: 7406126
Conc: 3.15 ng/ml



#8 Heptachlor epoxide

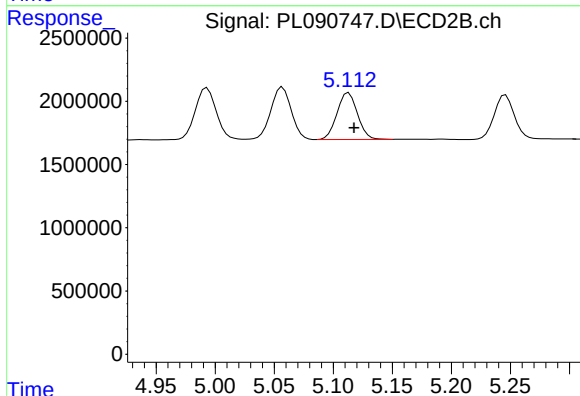
R.T.: 4.743 min
Delta R.T.: -0.005 min
Response: 4787213
Conc: 2.45 ng/ml



#9 Endosulfan I

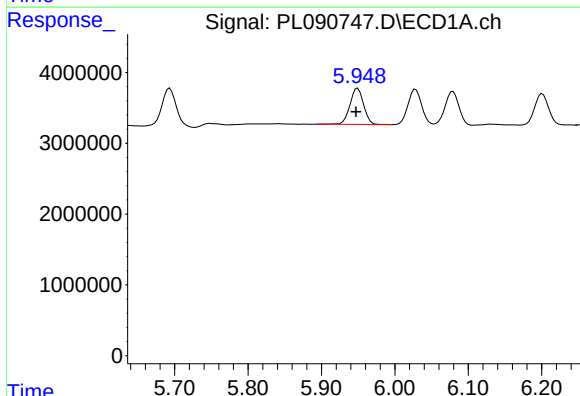
R.T.: 6.079 min
Delta R.T.: 0.002 min
Response: 6180578
Conc: 2.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



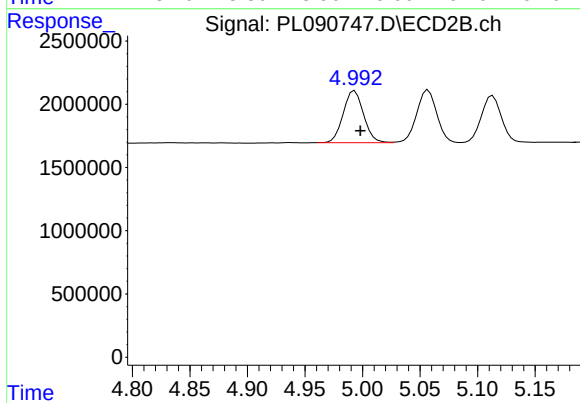
#9 Endosulfan I

R.T.: 5.113 min
Delta R.T.: -0.005 min
Response: 4477699
Conc: 2.45 ng/ml



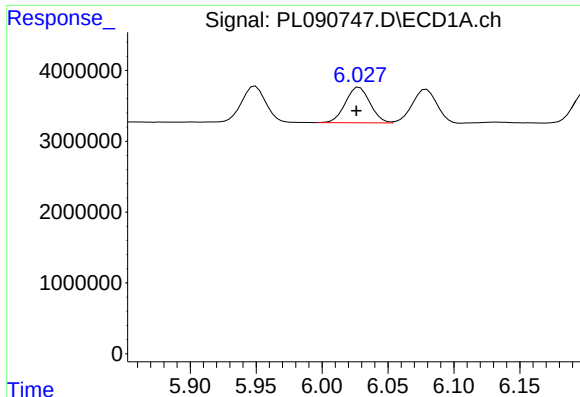
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: 0.002 min
Response: 6594309
Conc: 2.84 ng/ml



#10 gamma-Chlordane

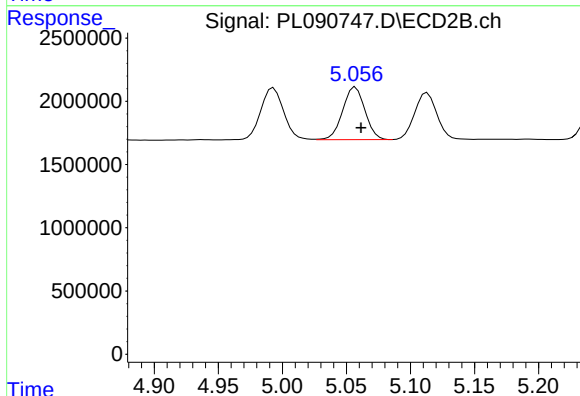
R.T.: 4.993 min
Delta R.T.: -0.005 min
Response: 5083833
Conc: 2.51 ng/ml



#11 alpha-Chlordane

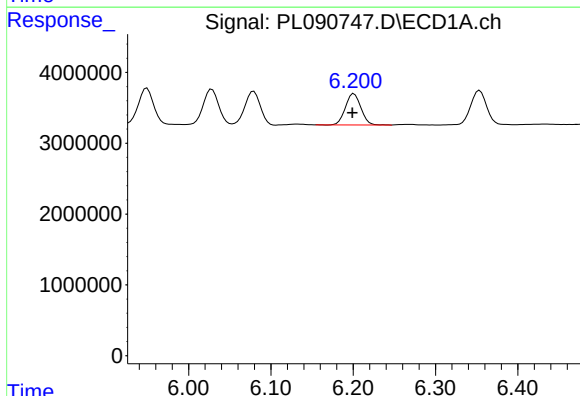
R.T.: 6.028 min
Delta R.T.: 0.002 min
Response: 6518796
Conc: 2.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



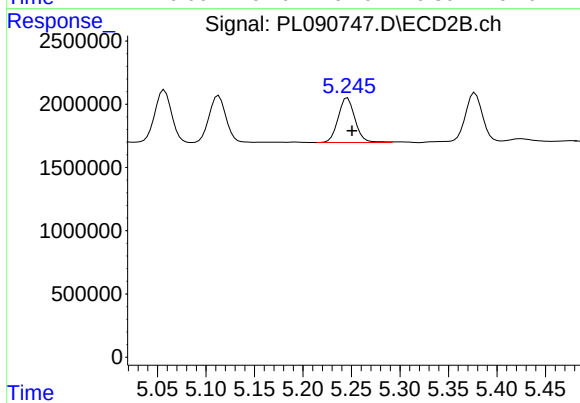
#11 alpha-Chlordane

R.T.: 5.057 min
Delta R.T.: -0.004 min
Response: 5027263
Conc: 2.49 ng/ml



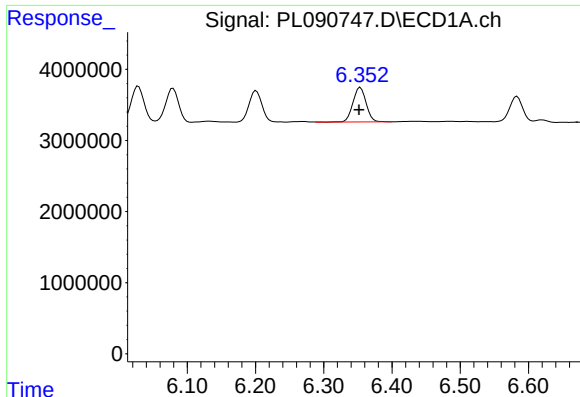
#12 4,4'-DDE

R.T.: 6.201 min
Delta R.T.: 0.002 min
Response: 5758360
Conc: 2.85 ng/ml



#12 4,4'-DDE

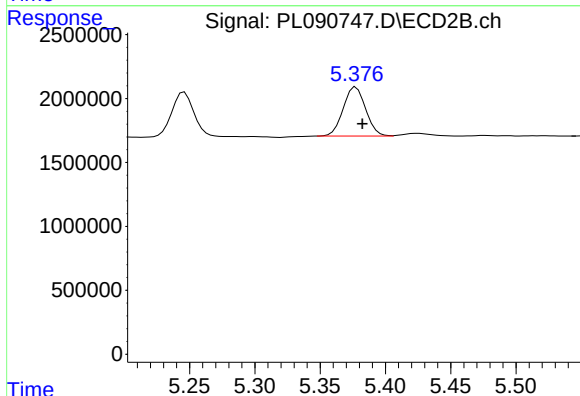
R.T.: 5.246 min
Delta R.T.: -0.004 min
Response: 4283686
Conc: 2.40 ng/ml



#13 Dieldrin

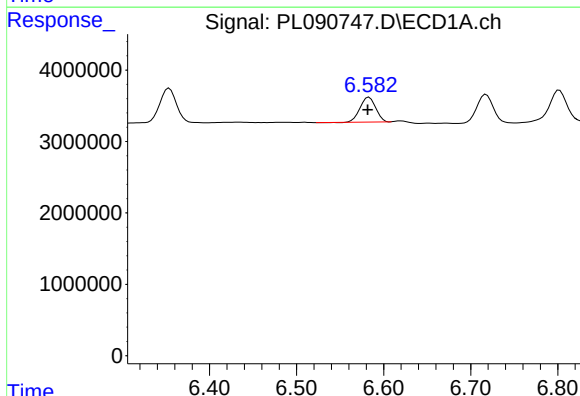
R.T.: 6.354 min
Delta R.T.: 0.002 min
Response: 6500818
Conc: 2.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



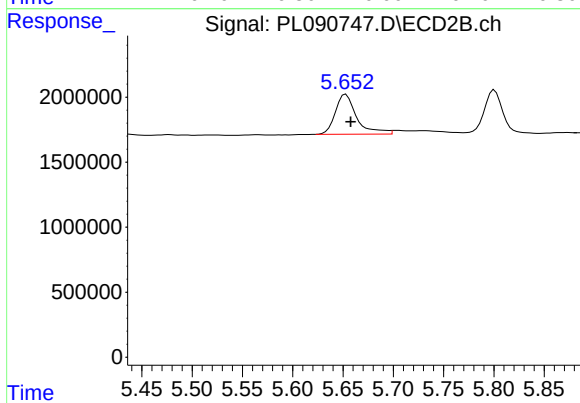
#13 Dieldrin

R.T.: 5.378 min
Delta R.T.: -0.005 min
Response: 4581202
Conc: 2.34 ng/ml



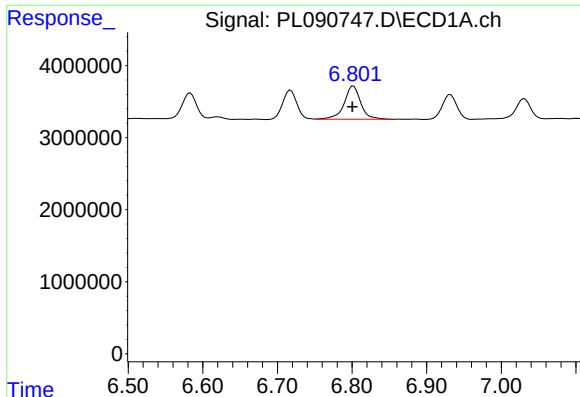
#14 Endrin

R.T.: 6.583 min
Delta R.T.: 0.002 min
Response: 4366340
Conc: 2.38 ng/ml



#14 Endrin

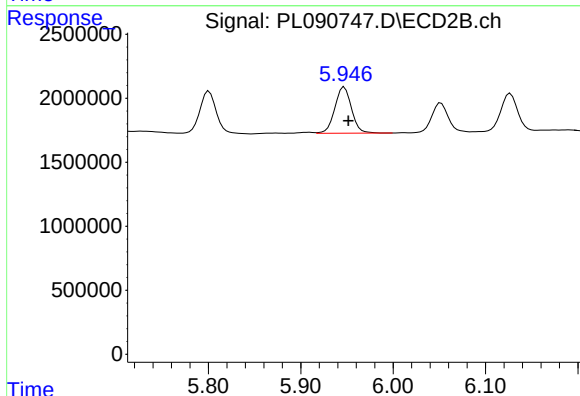
R.T.: 5.653 min
Delta R.T.: -0.005 min
Response: 4530140
Conc: 2.63 ng/ml



#15 Endosulfan II

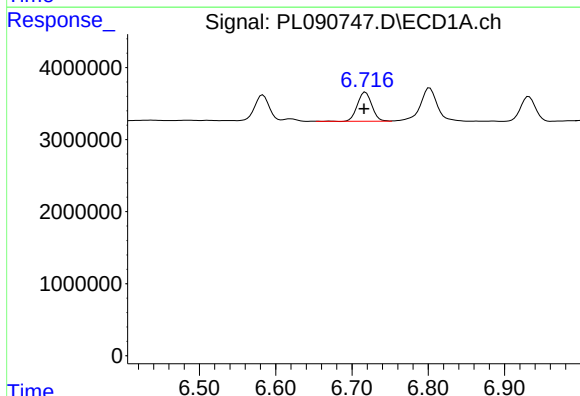
R.T.: 6.802 min
Delta R.T.: 0.002 min
Response: 7144835
Conc: 3.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



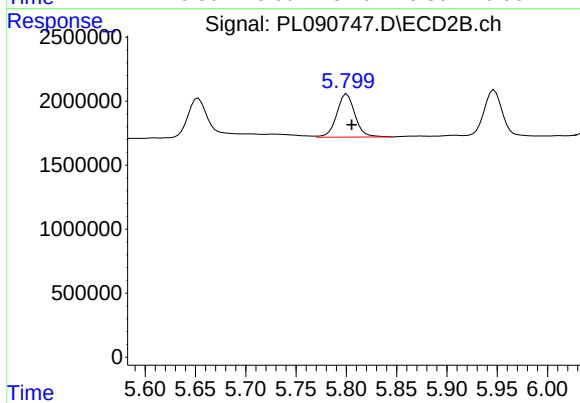
#15 Endosulfan II

R.T.: 5.947 min
Delta R.T.: -0.004 min
Response: 4530800
Conc: 2.65 ng/ml



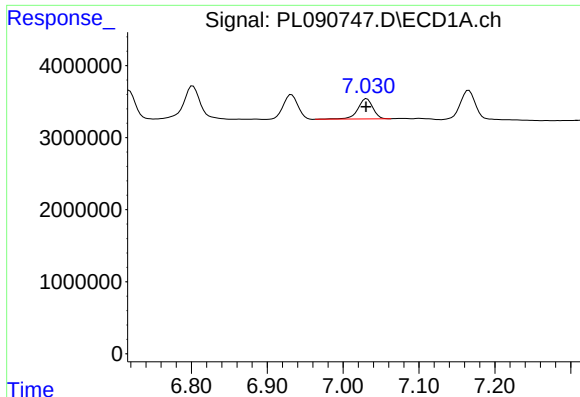
#16 4,4'-DDD

R.T.: 6.718 min
Delta R.T.: 0.002 min
Response: 5330487
Conc: 3.16 ng/ml



#16 4,4'-DDD

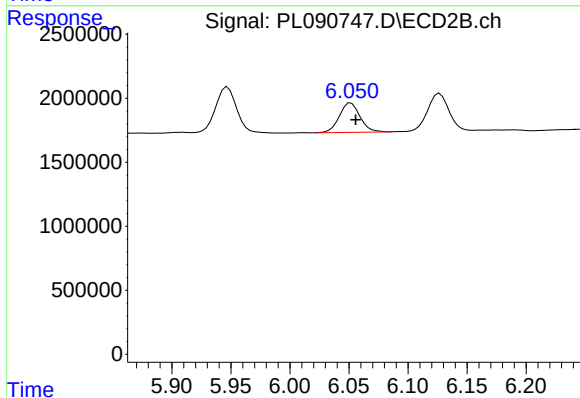
R.T.: 5.801 min
Delta R.T.: -0.004 min
Response: 4233165
Conc: 2.83 ng/ml



#17 4,4'-DDT

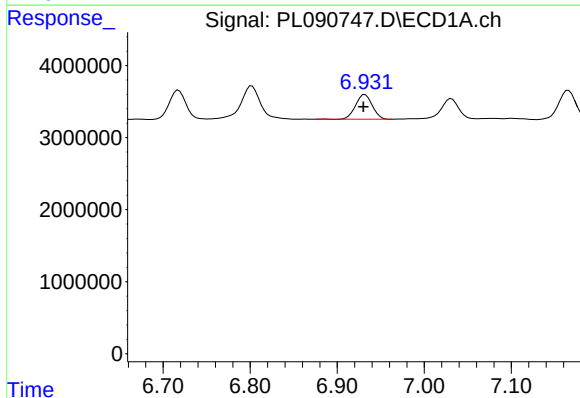
R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 3869043
Conc: 2.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



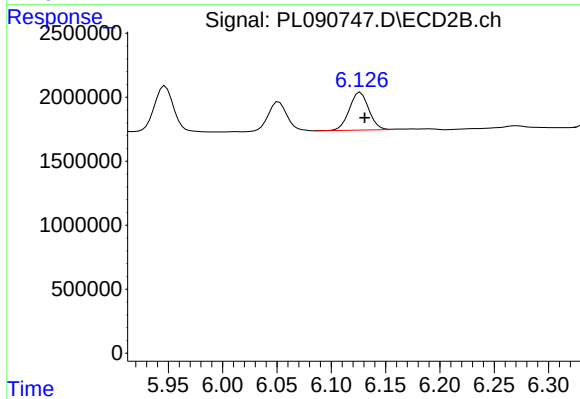
#17 4,4'-DDT

R.T.: 6.052 min
Delta R.T.: -0.004 min
Response: 2798986
Conc: 1.91 ng/ml



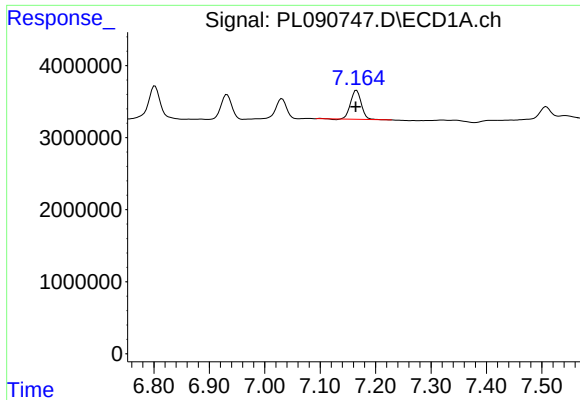
#18 Endrin aldehyde

R.T.: 6.932 min
Delta R.T.: 0.002 min
Response: 4593261
Conc: 3.10 ng/ml



#18 Endrin aldehyde

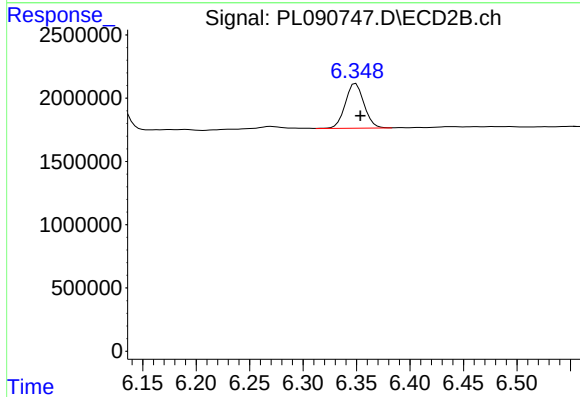
R.T.: 6.127 min
Delta R.T.: -0.004 min
Response: 3666147
Conc: 2.81 ng/ml



#19 Endosulfan Sulfate

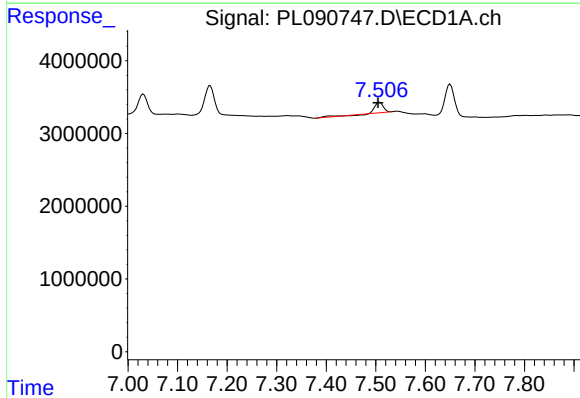
R.T.: 7.166 min
Delta R.T.: 0.002 min
Response: 5422248
Conc: 3.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



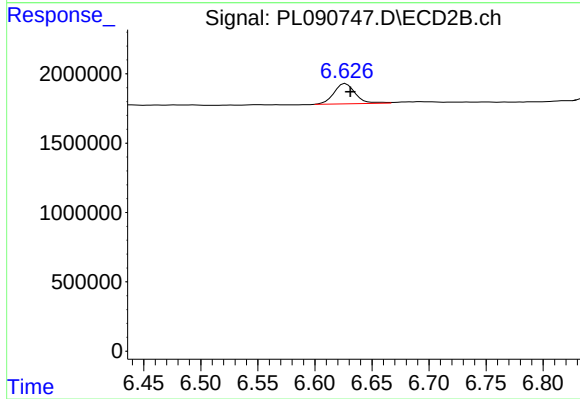
#19 Endosulfan Sulfate

R.T.: 6.349 min
Delta R.T.: -0.004 min
Response: 4303040
Conc: 2.67 ng/ml



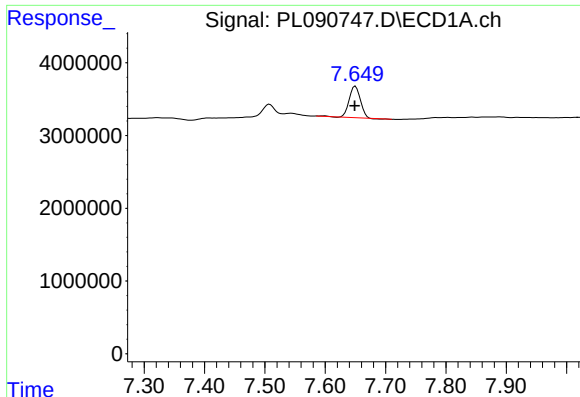
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.003 min
Response: 1747788
Conc: 1.98 ng/ml



#20 Methoxychlor

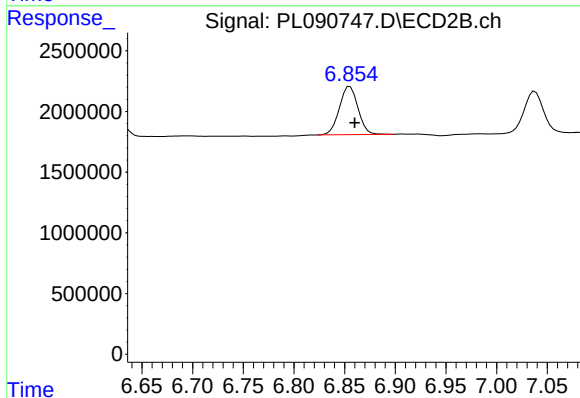
R.T.: 6.627 min
Delta R.T.: -0.004 min
Response: 1926009
Conc: 2.38 ng/ml



#21 Endrin ketone

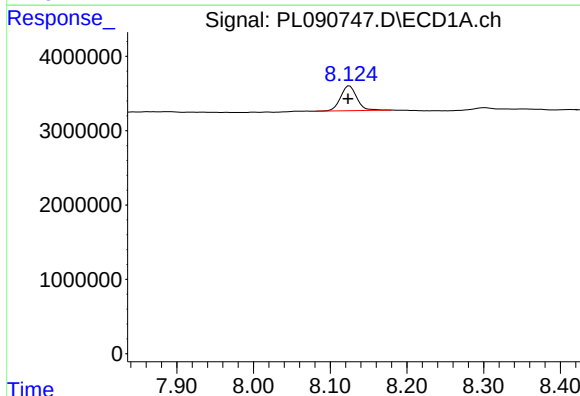
R.T.: 7.650 min
Delta R.T.: 0.000 min
Response: 5580188
Conc: 2.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



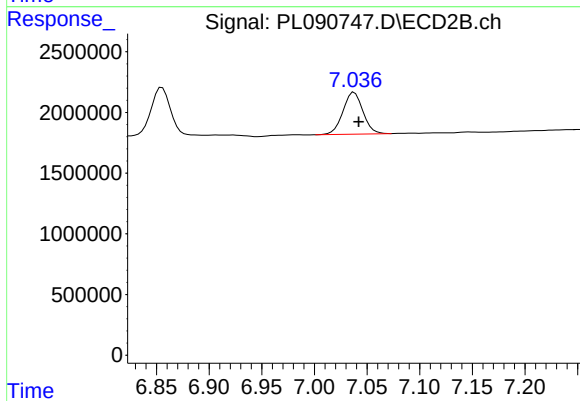
#21 Endrin ketone

R.T.: 6.855 min
Delta R.T.: -0.005 min
Response: 5078149
Conc: 2.78 ng/ml



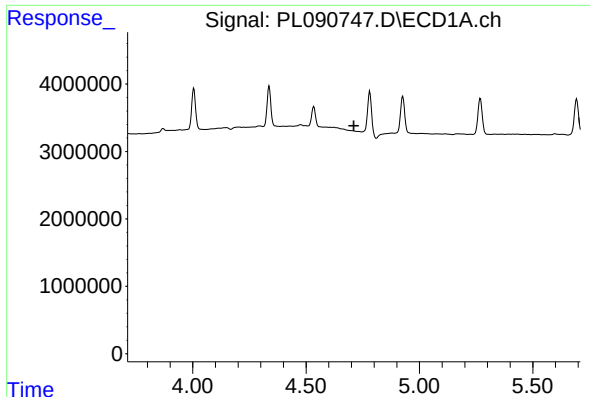
#22 Mirex

R.T.: 8.125 min
Delta R.T.: 0.002 min
Response: 4938539
Conc: 3.49 ng/ml



#22 Mirex

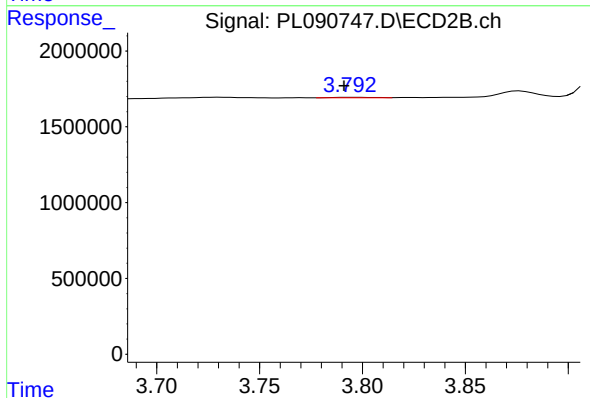
R.T.: 7.038 min
Delta R.T.: -0.004 min
Response: 4589562
Conc: 3.09 ng/ml



#23 Chlordane-1

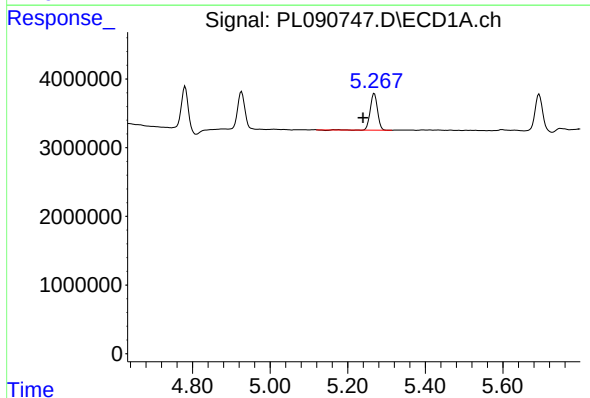
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



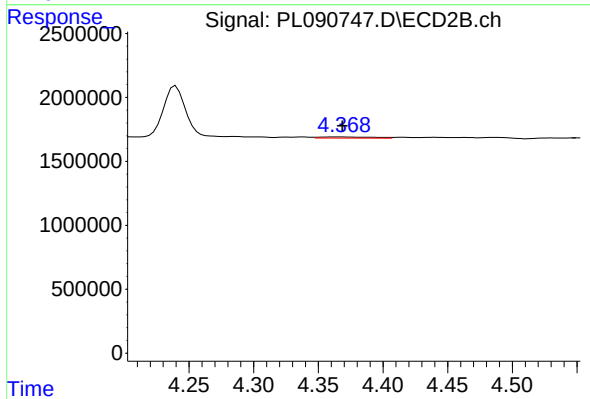
#23 Chlordane-1

R.T.: 3.794 min
Delta R.T.: 0.003 min
Response: 43793
Conc: 0.71 ng/ml



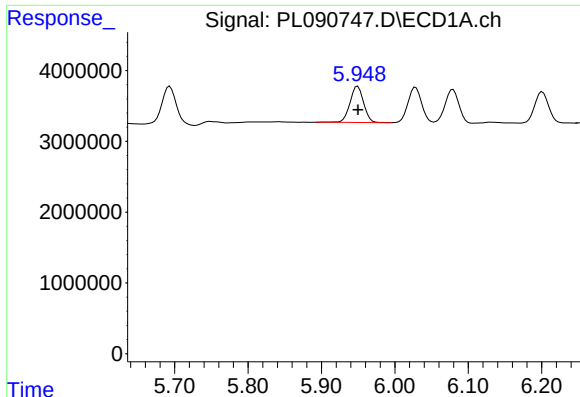
#24 Chlordane-2

R.T.: 5.268 min
Delta R.T.: 0.029 min
Response: 6980035
Conc: 68.20 ng/ml



#24 Chlordane-2

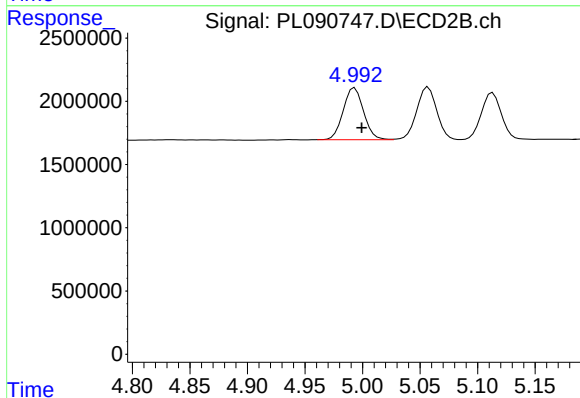
R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 270929
Conc: 3.57 ng/ml



#25 Chlordane-3

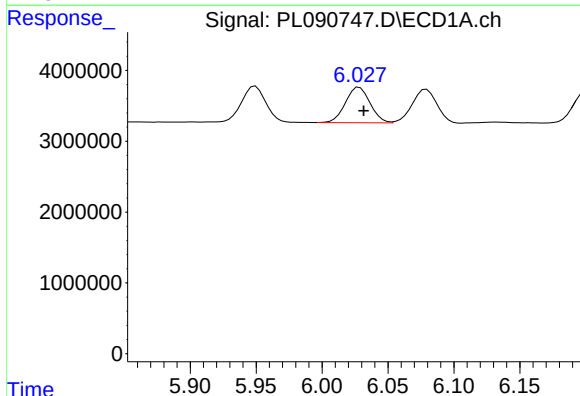
R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 6594309
Conc: 19.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



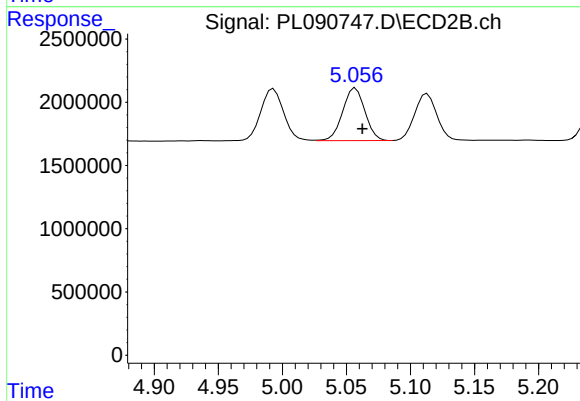
#25 Chlordane-3

R.T.: 4.993 min
Delta R.T.: -0.006 min
Response: 5083833
Conc: 24.60 ng/ml



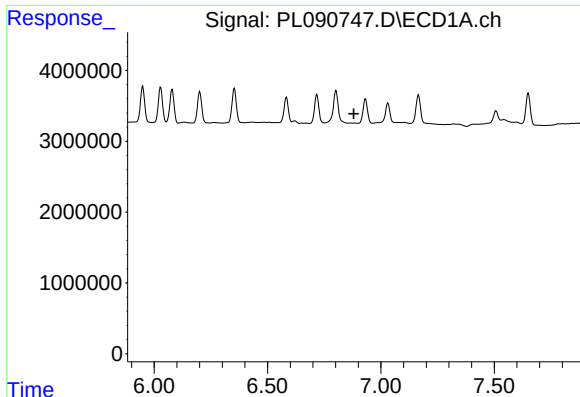
#26 Chlordane-4

R.T.: 6.028 min
Delta R.T.: -0.003 min
Response: 6518796
Conc: 16.37 ng/ml



#26 Chlordane-4

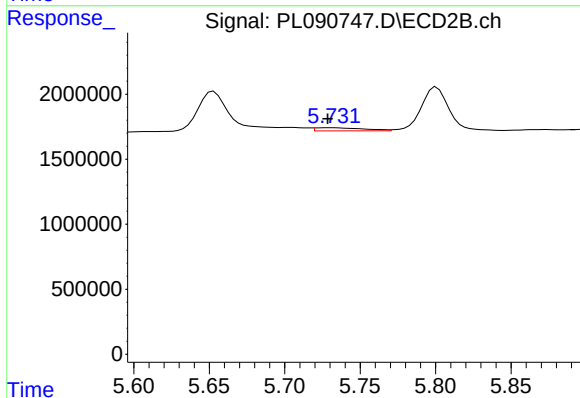
R.T.: 5.057 min
Delta R.T.: -0.005 min
Response: 5027263
Conc: 25.69 ng/ml



#27 Chlordane-5

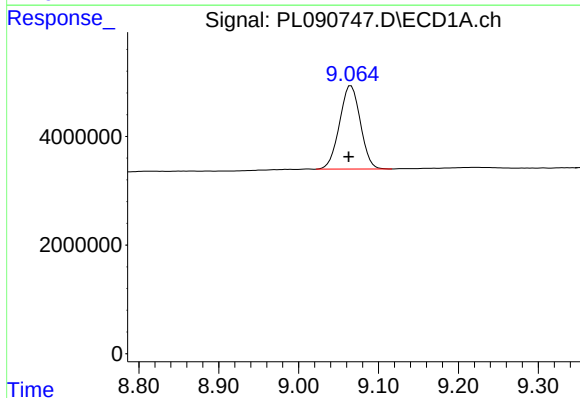
R.T.: 0.000 min
Exp R.T.: 6.880 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



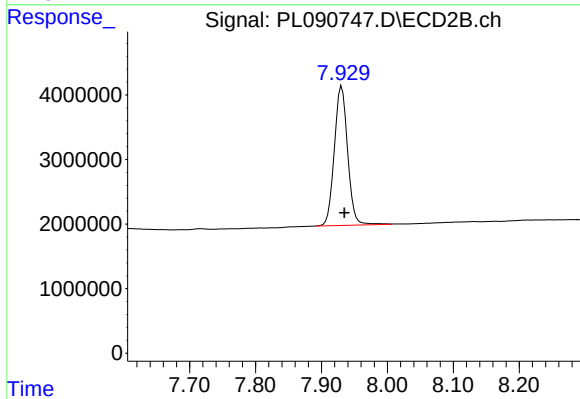
#27 Chlordane-5

R.T.: 5.730 min
Delta R.T.: 0.001 min
Response: 546389
Conc: 9.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.003 min
Response: 27887123
Conc: 20.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.931 min
Delta R.T.: -0.004 min
Response: 30249656
Conc: 20.75 ng/ml