

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080224\
 Data File : PL090745.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2024 10:26
 Operator : AR\AJ
 Sample : P3390-01
 Misc : PEST LOD 1PPB /SOIL
 ALS Vial : 7 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 00:31:00 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...	3.548	2.786	41975561	34305949	20.159	20.384
28)	SA Decachlor...	9.061	7.929	30690066	32898726	23.095	22.563
Target Compounds							
2)	A alpha-BHC	4.003	3.289	3369618	2867273	1.136	1.187
3)	MA gamma-BHC...	4.336	3.619	4858998	2471068	1.735	1.072 #
4)	MA Heptachlor	4.925	3.960	4699930	2267339	1.847	1.028 #
5)	MB Aldrin	5.266	4.240	3279682	2727754	1.313	1.282
6)	B beta-BHC	4.531	3.918	1539925	1259829	1.214	1.221
7)	B delta-BHC	4.779	4.148	4604978	2481386	1.718	1.128 #
8)	B Heptachlo...	5.692	4.743	4046053	2337595	1.721	1.199 #
9)	A Endosulfan I	6.077	5.113	3794590	2142447	1.774	1.172 #
10)	B gamma-Chl...	5.947	4.993	11724021	2422648	5.043	1.195 #
11)	B alpha-Chl...	6.026	5.057	4328962	2430636	1.886	1.203 #
12)	B 4,4'-DDE	6.199	5.246	4039332	1945514	1.998	1.089 #
13)	MA Dieldrin	6.351	5.378	4292003	2229062	1.932	1.137 #
14)	MA Endrin	6.582	5.653	2374814	1669874	1.292	0.970
15)	B Endosulfa...	6.801	5.947	3791463	2142836	1.928	1.254 #
16)	A 4,4'-DDD	6.716	5.800	2541619	1939146	1.506	1.294
17)	MA 4,4'-DDT	7.030	6.052	1802323	1289791	1.071	0.880
18)	B Endrin al...	6.930	6.127	2199263	1677377	1.482	1.284
19)	B Endosulfa...	7.164	6.349	2742188	2089995	1.561	1.296
20)	A Methoxychlor	0.000	6.626	0	800880	N.D.	0.991 #
21)	B Endrin ke...	7.648	6.854	3053164	2628580	1.599	1.438
22)	Mirex	8.122	7.037	2394687	2193908	1.691	1.476
23)	Chlordane-1	0.000	3.780	0	71636	N.D.	1.157 #
24)	Chlordane-2	5.266f	0.000	3279682	0	32.043	N.D. #
25)	Chlordane-3	5.947	4.993	11724021	2422648	35.414	11.722 #
26)	Chlordane-4	6.026	5.057	4328962	2430636	10.868	12.420
27)	Chlordane-5	0.000	5.729	0	1076633	N.D.	17.862 #

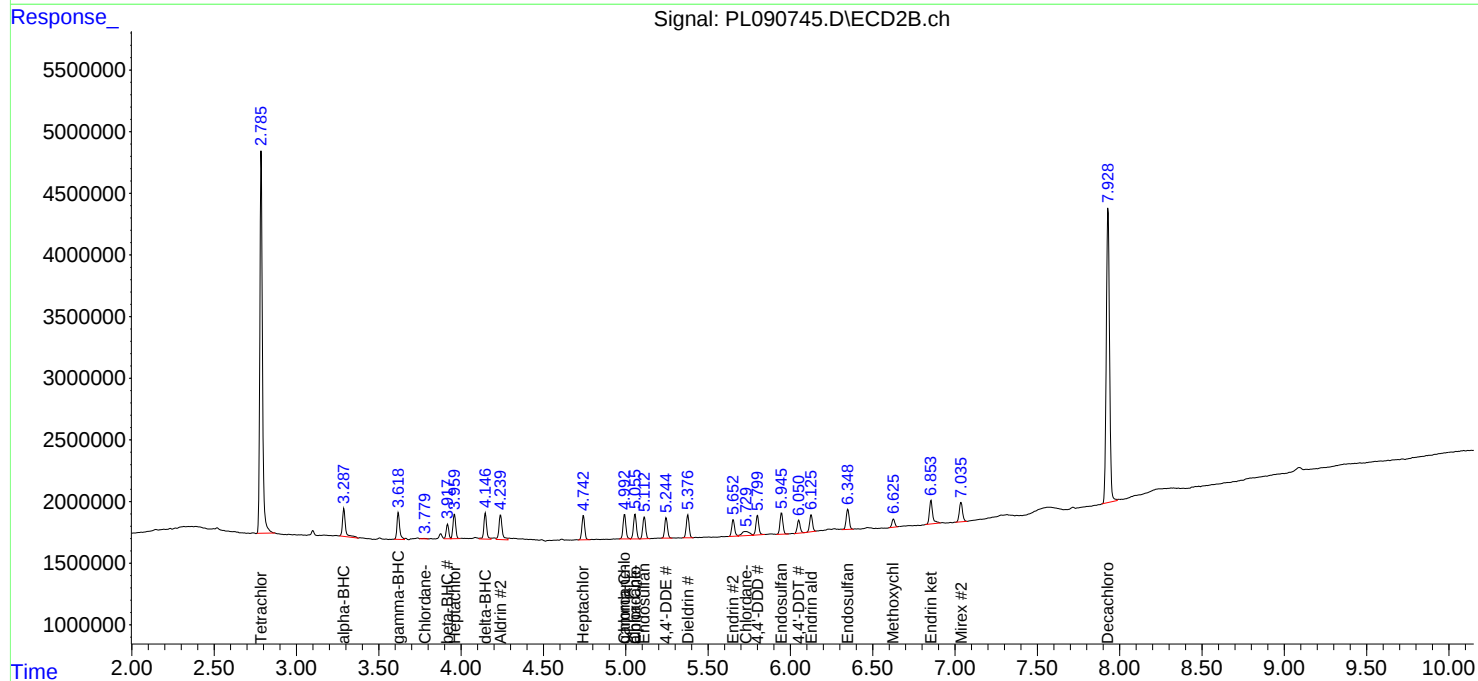
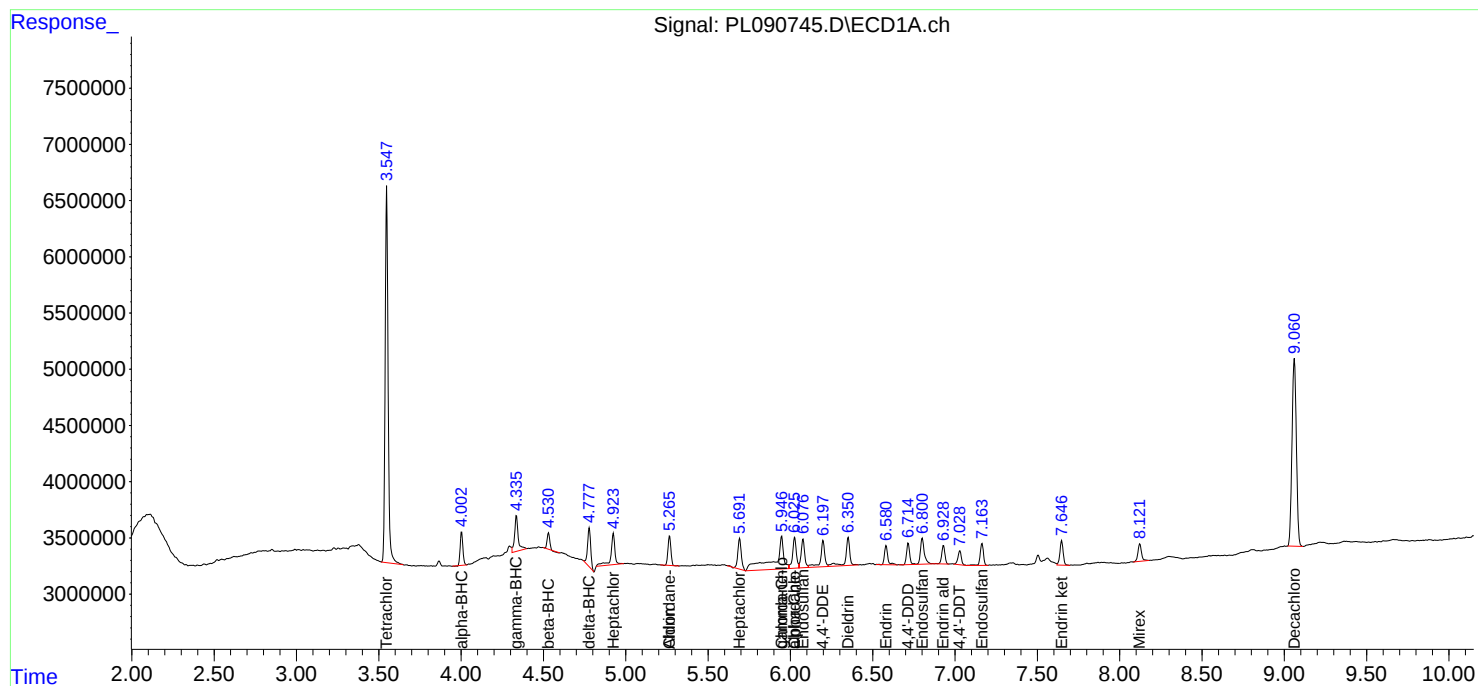
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

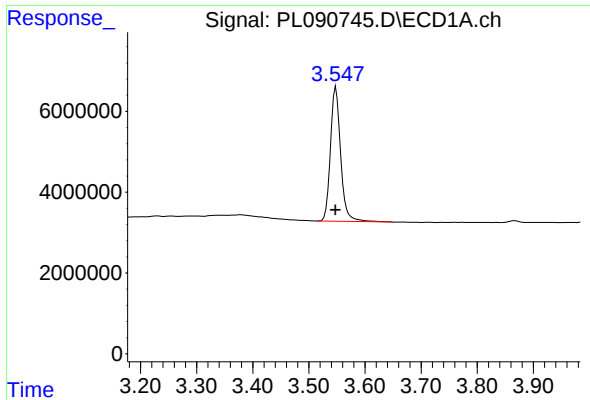
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080224\
Data File : PL090745.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Aug 2024 10:26
Operator : AR\AJ
Sample : P3390-01
Misc : PEST LOD 1PPB /SOIL
ALS Vial : 7 Sample Multiplier: 1

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 00:31:00 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

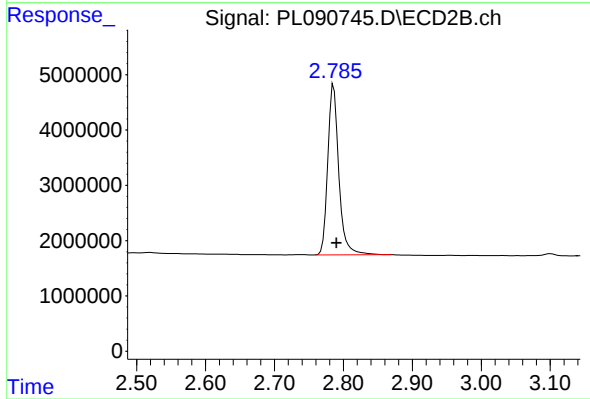




#1 Tetrachloro-m-xylene

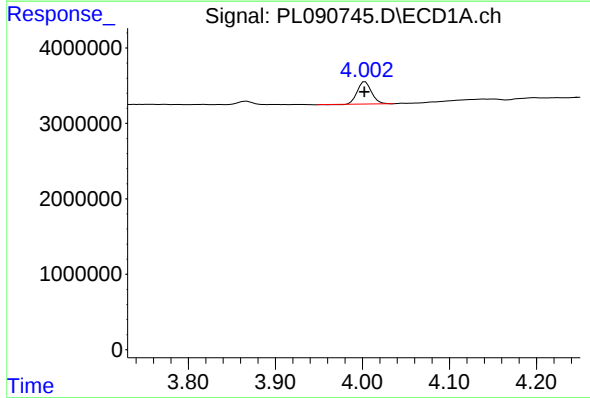
R.T.: 3.548 min
Delta R.T.: 0.001 min
Response: 41975561
Conc: 20.16 ng/ml

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



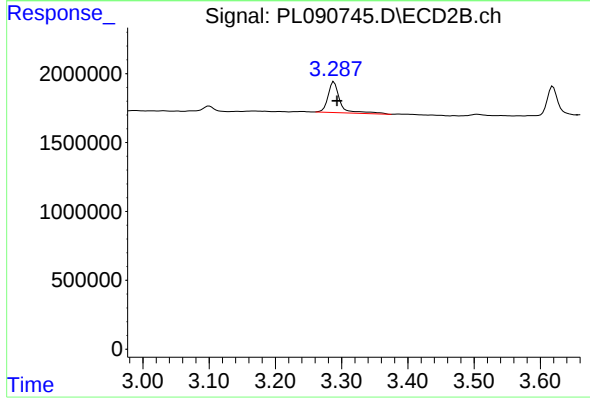
#1 Tetrachloro-m-xylene

R.T.: 2.786 min
Delta R.T.: -0.004 min
Response: 34305949
Conc: 20.38 ng/ml



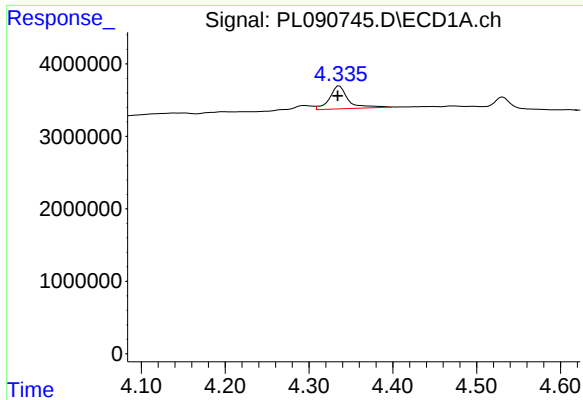
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 3369618
Conc: 1.14 ng/ml



#2 alpha-BHC

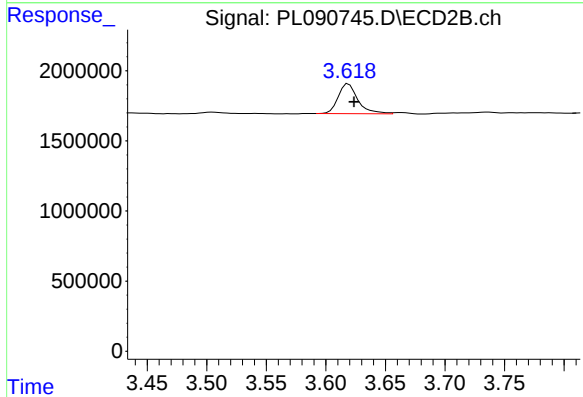
R.T.: 3.289 min
Delta R.T.: -0.005 min
Response: 2867273
Conc: 1.19 ng/ml



#3 gamma-BHC (Lindane)

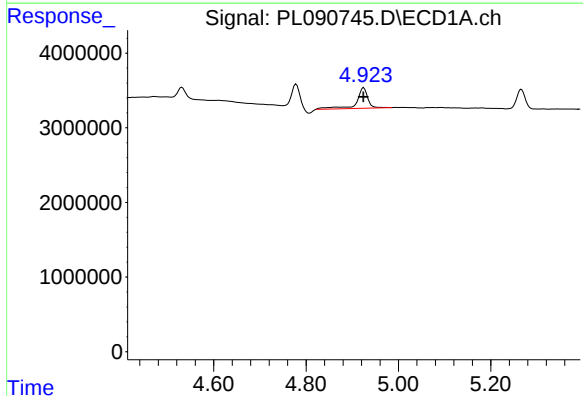
R.T.: 4.336 min
Delta R.T.: 0.002 min
Response: 4858998
Conc: 1.74 ng/ml

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



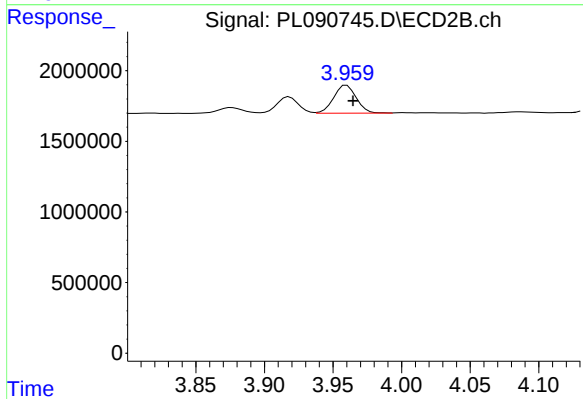
#3 gamma-BHC (Lindane)

R.T.: 3.619 min
Delta R.T.: -0.005 min
Response: 2471068
Conc: 1.07 ng/ml



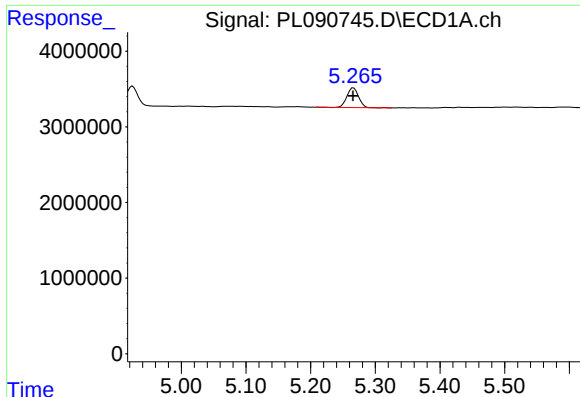
#4 Heptachlor

R.T.: 4.925 min
Delta R.T.: 0.000 min
Response: 4699930
Conc: 1.85 ng/ml



#4 Heptachlor

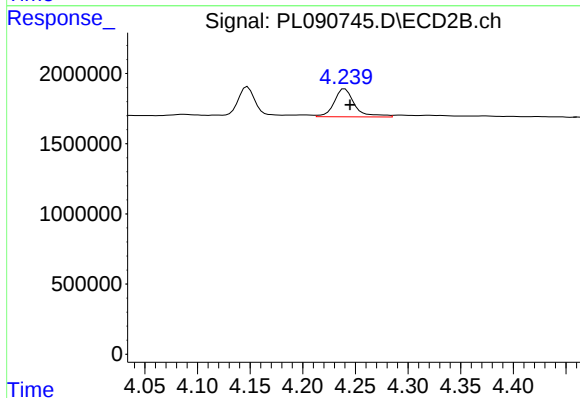
R.T.: 3.960 min
Delta R.T.: -0.004 min
Response: 2267339
Conc: 1.03 ng/ml



#5 Aldrin

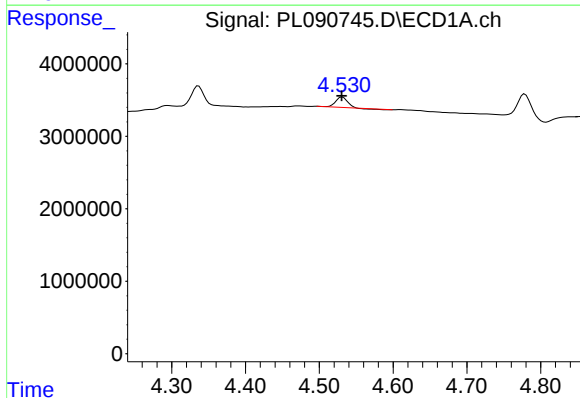
R.T.: 5.266 min
Delta R.T.: 0.000 min
Response: 3279682
Conc: 1.31 ng/ml

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



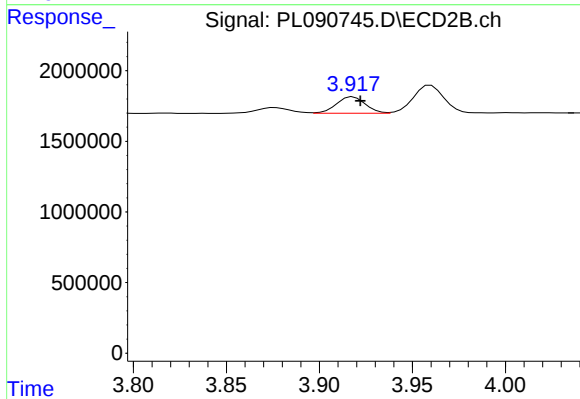
#5 Aldrin

R.T.: 4.240 min
Delta R.T.: -0.005 min
Response: 2727754
Conc: 1.28 ng/ml



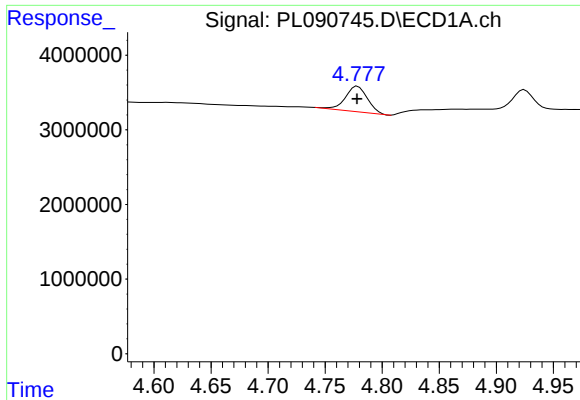
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 1539925
Conc: 1.21 ng/ml



#6 beta-BHC

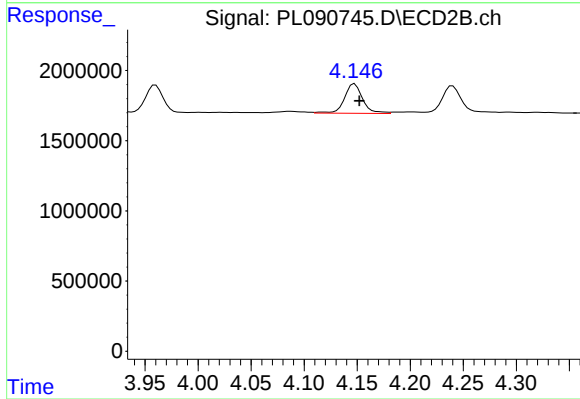
R.T.: 3.918 min
Delta R.T.: -0.004 min
Response: 1259829
Conc: 1.22 ng/ml



#7 delta-BHC

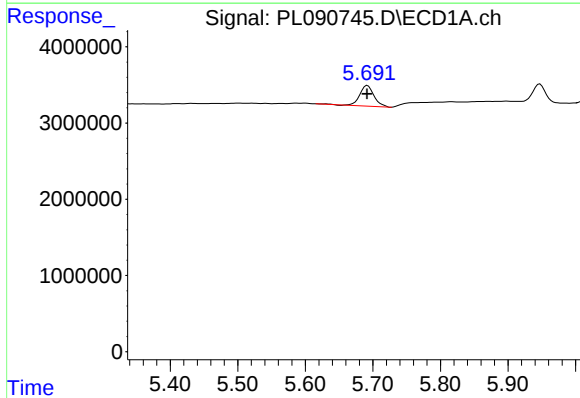
R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 4604978
Conc: 1.72 ng/ml

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



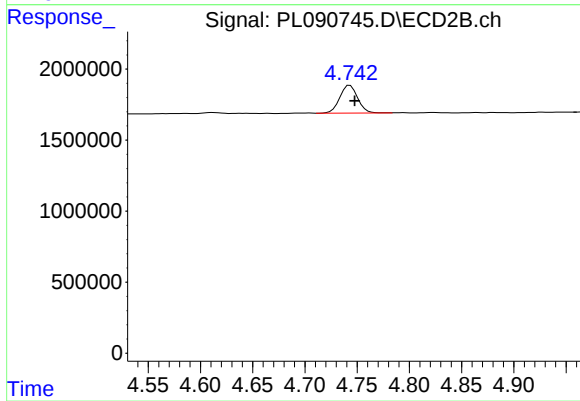
#7 delta-BHC

R.T.: 4.148 min
Delta R.T.: -0.004 min
Response: 2481386
Conc: 1.13 ng/ml



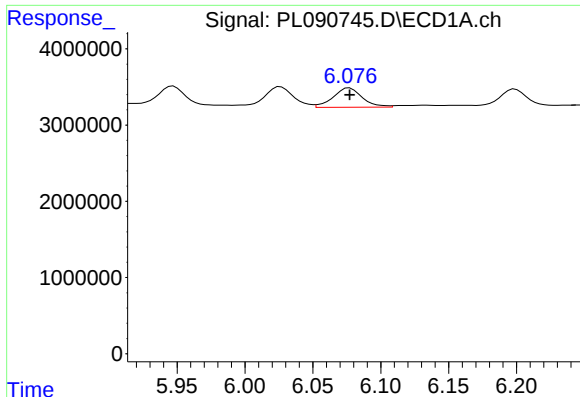
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 4046053
Conc: 1.72 ng/ml



#8 Heptachlor epoxide

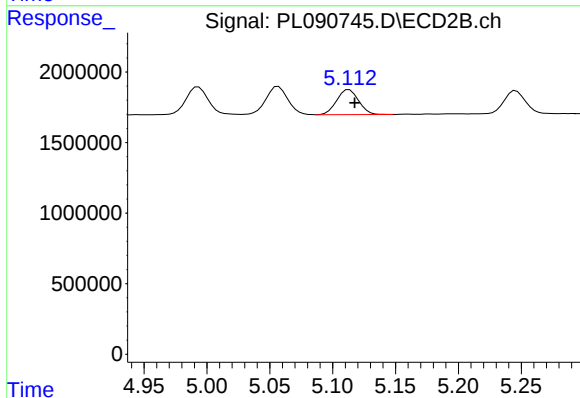
R.T.: 4.743 min
Delta R.T.: -0.005 min
Response: 2337595
Conc: 1.20 ng/ml



#9 Endosulfan I

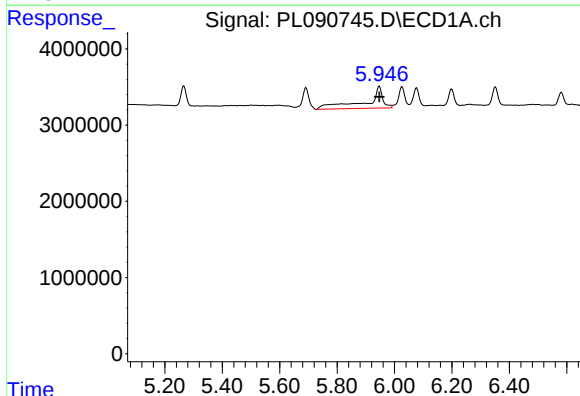
R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 3794590
Conc: 1.77 ng/ml

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



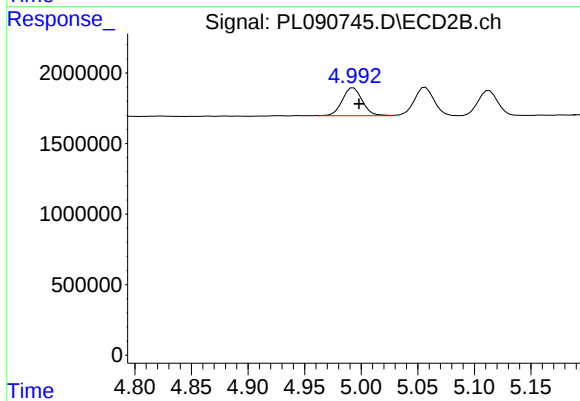
#9 Endosulfan I

R.T.: 5.113 min
Delta R.T.: -0.005 min
Response: 2142447
Conc: 1.17 ng/ml



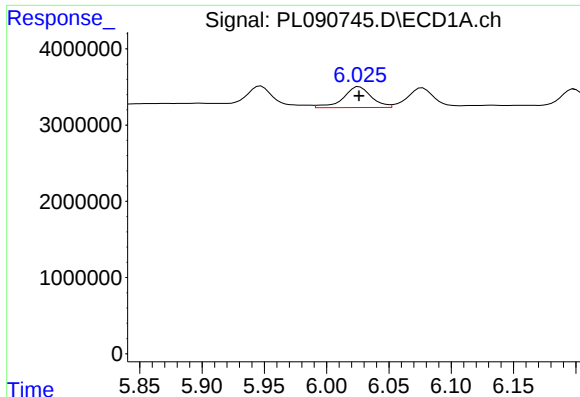
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 11724021
Conc: 5.04 ng/ml



#10 gamma-Chlordane

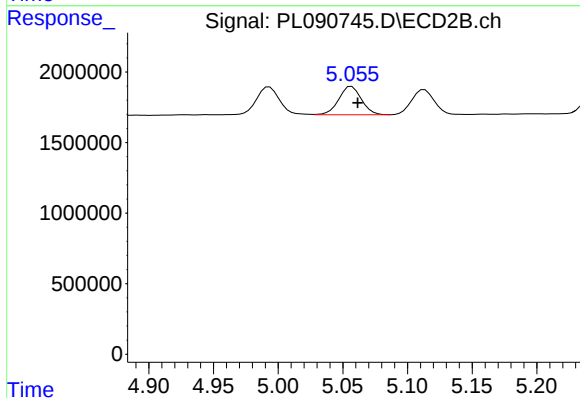
R.T.: 4.993 min
Delta R.T.: -0.005 min
Response: 2422648
Conc: 1.19 ng/ml



#11 alpha-Chlordane

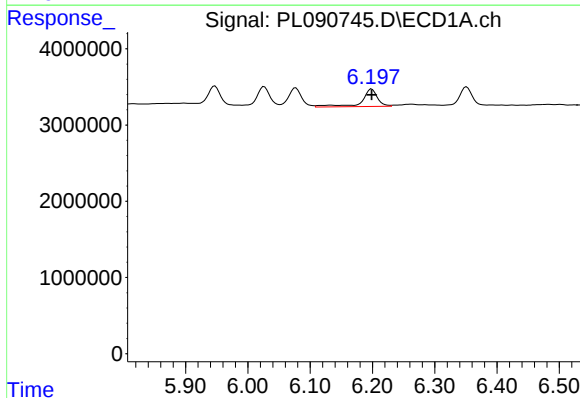
R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 4328962
Conc: 1.89 ng/ml

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



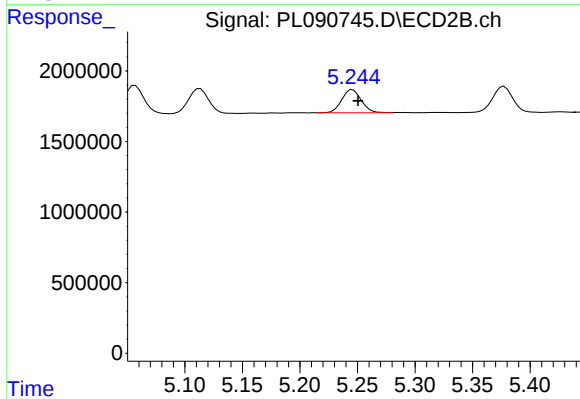
#11 alpha-Chlordane

R.T.: 5.057 min
Delta R.T.: -0.005 min
Response: 2430636
Conc: 1.20 ng/ml



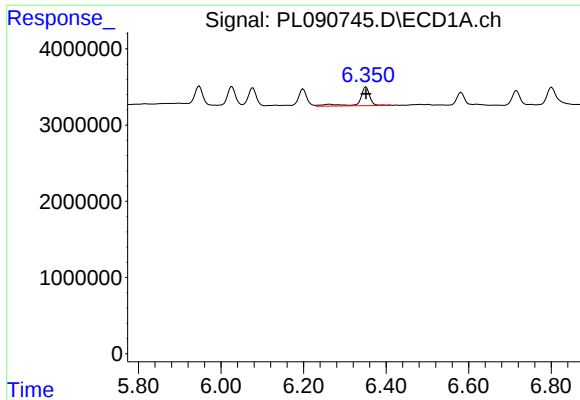
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 4039332
Conc: 2.00 ng/ml



#12 4,4'-DDE

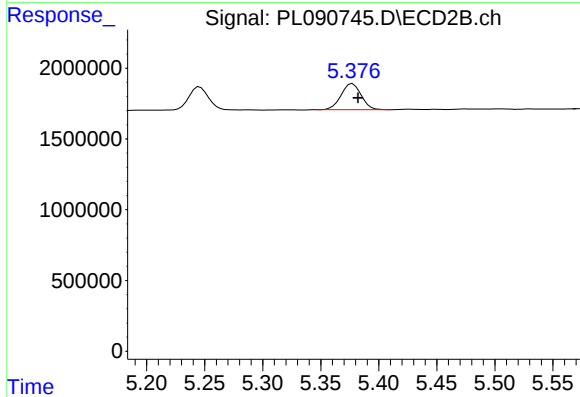
R.T.: 5.246 min
Delta R.T.: -0.005 min
Response: 1945514
Conc: 1.09 ng/ml



#13 Dieldrin

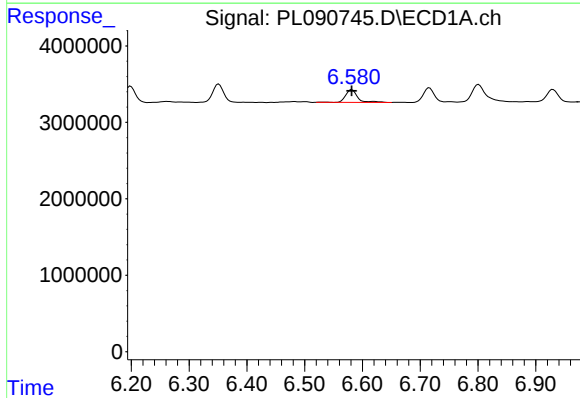
R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 4292003
Conc: 1.93 ng/ml

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



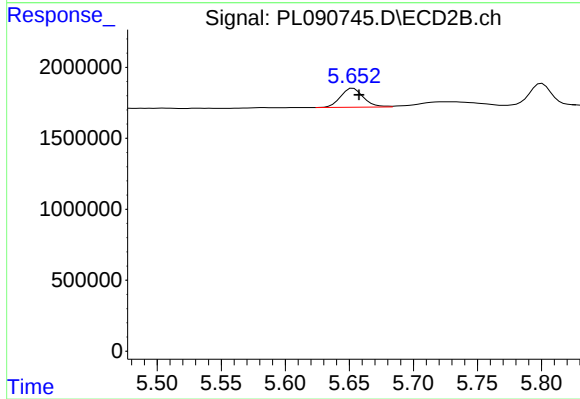
#13 Dieldrin

R.T.: 5.378 min
Delta R.T.: -0.005 min
Response: 2229062
Conc: 1.14 ng/ml



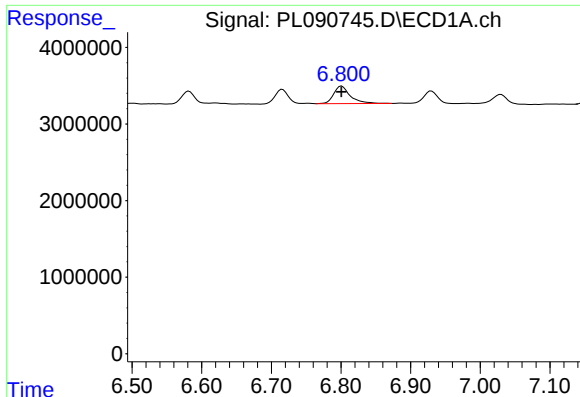
#14 Endrin

R.T.: 6.582 min
Delta R.T.: 0.000 min
Response: 2374814
Conc: 1.29 ng/ml



#14 Endrin

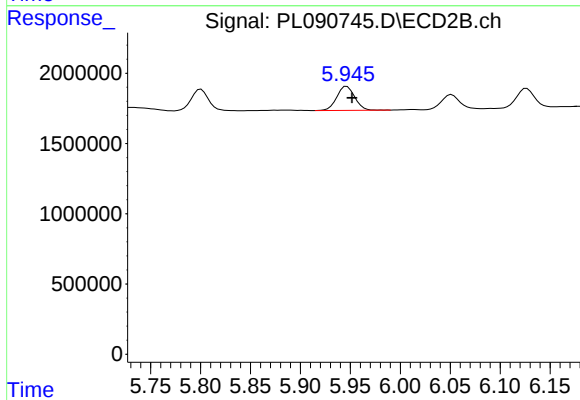
R.T.: 5.653 min
Delta R.T.: -0.005 min
Response: 1669874
Conc: 0.97 ng/ml



#15 Endosulfan II

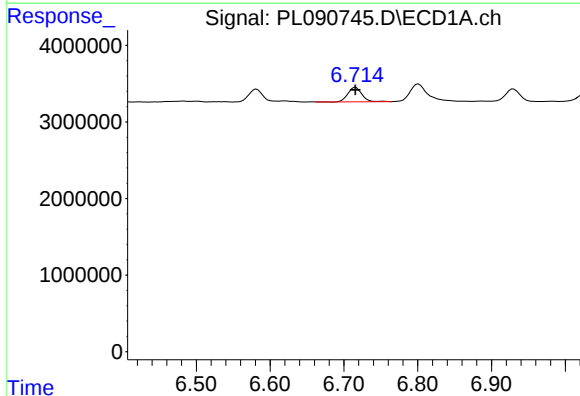
R.T.: 6.801 min
Delta R.T.: 0.000 min
Response: 3791463
Conc: 1.93 ng/ml

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



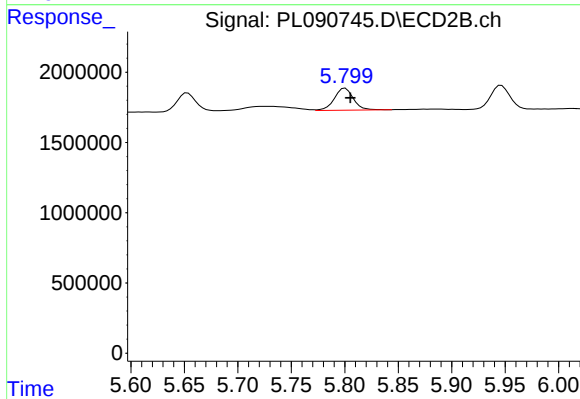
#15 Endosulfan II

R.T.: 5.947 min
Delta R.T.: -0.005 min
Response: 2142836
Conc: 1.25 ng/ml



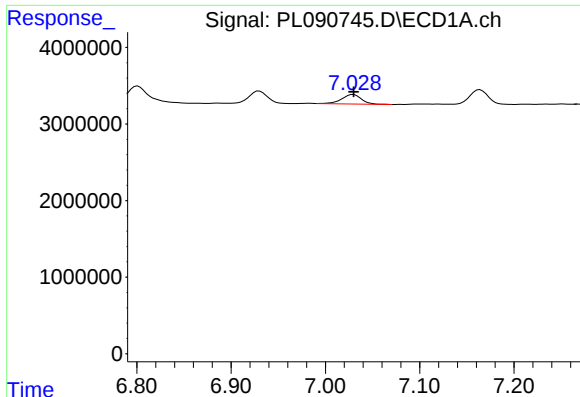
#16 4,4'-DDD

R.T.: 6.716 min
Delta R.T.: 0.000 min
Response: 2541619
Conc: 1.51 ng/ml



#16 4,4'-DDD

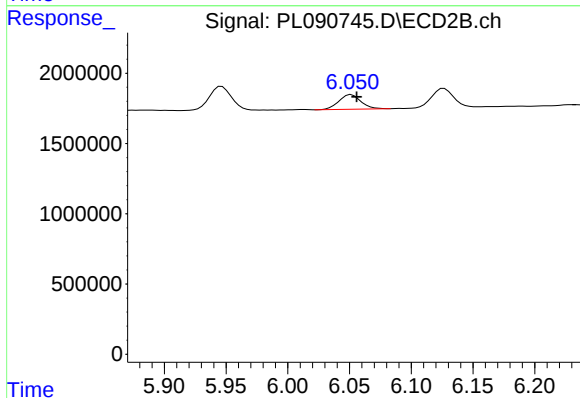
R.T.: 5.800 min
Delta R.T.: -0.005 min
Response: 1939146
Conc: 1.29 ng/ml



#17 4,4'-DDT

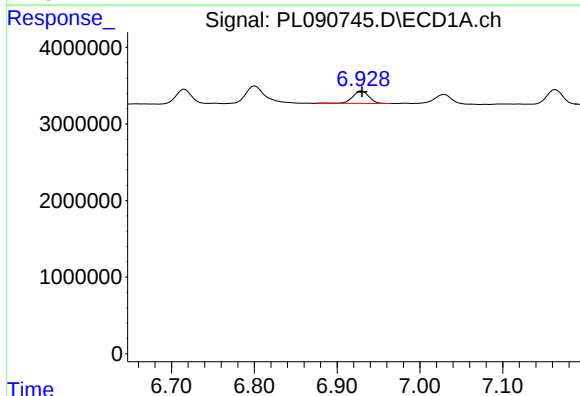
R.T.: 7.030 min
Delta R.T.: 0.000 min
Response: 1802323
Conc: 1.07 ng/ml

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



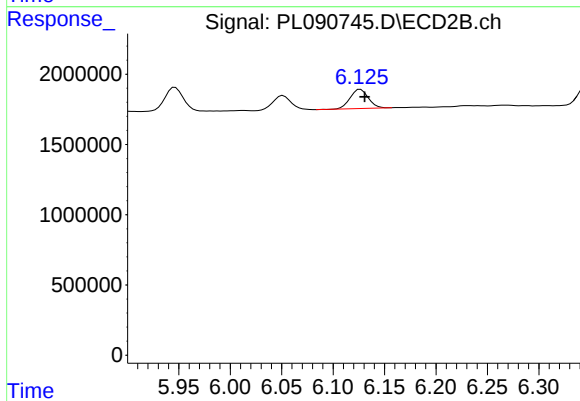
#17 4,4'-DDT

R.T.: 6.052 min
Delta R.T.: -0.004 min
Response: 1289791
Conc: 0.88 ng/ml



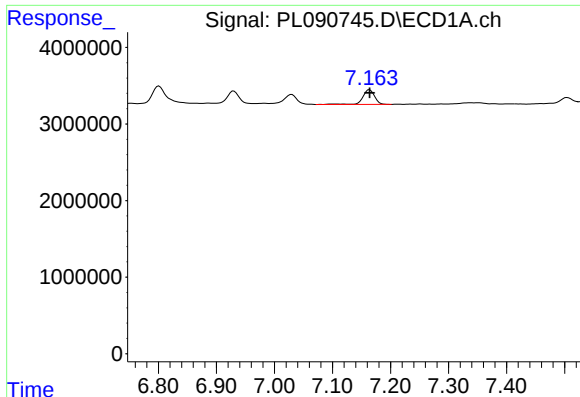
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: 0.000 min
Response: 2199263
Conc: 1.48 ng/ml



#18 Endrin aldehyde

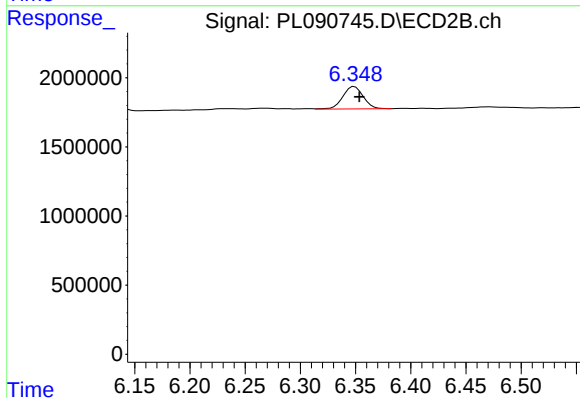
R.T.: 6.127 min
Delta R.T.: -0.004 min
Response: 1677377
Conc: 1.28 ng/ml



#19 Endosulfan Sulfate

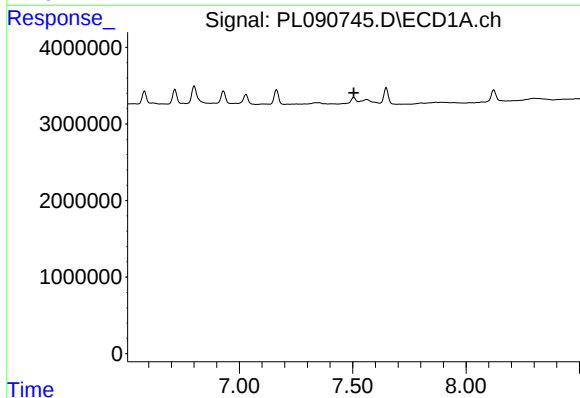
R.T.: 7.164 min
Delta R.T.: 0.000 min
Response: 2742188
Conc: 1.56 ng/ml

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



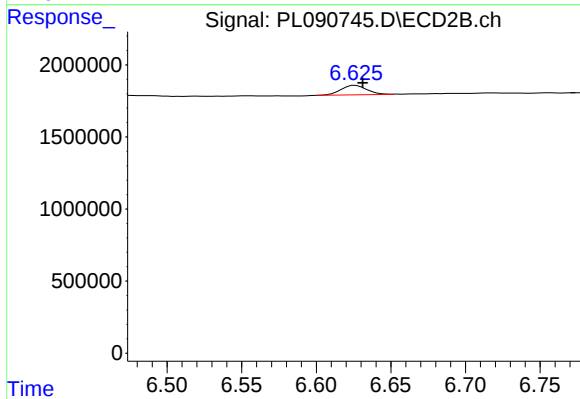
#19 Endosulfan Sulfate

R.T.: 6.349 min
Delta R.T.: -0.005 min
Response: 2089995
Conc: 1.30 ng/ml



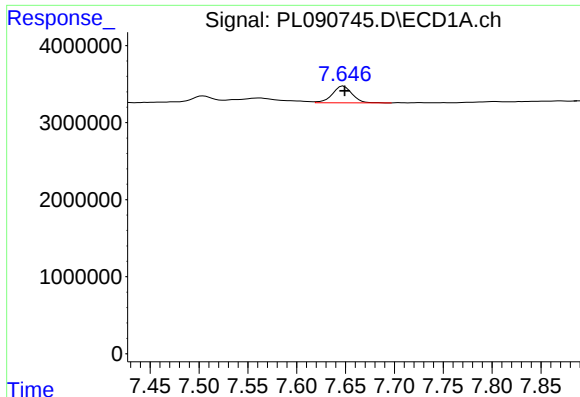
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.505 min
Response: 0
Conc: N.D.



#20 Methoxychlor

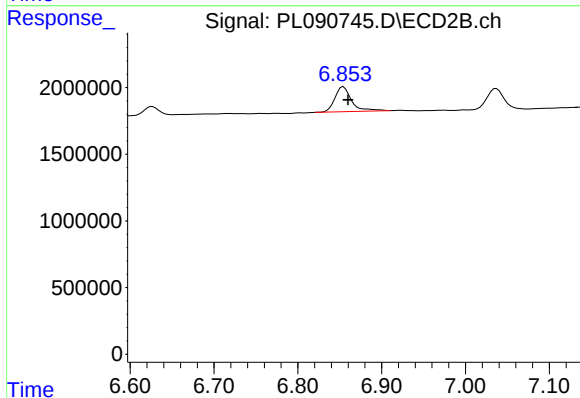
R.T.: 6.626 min
Delta R.T.: -0.005 min
Response: 800880
Conc: 0.99 ng/ml



#21 Endrin ketone

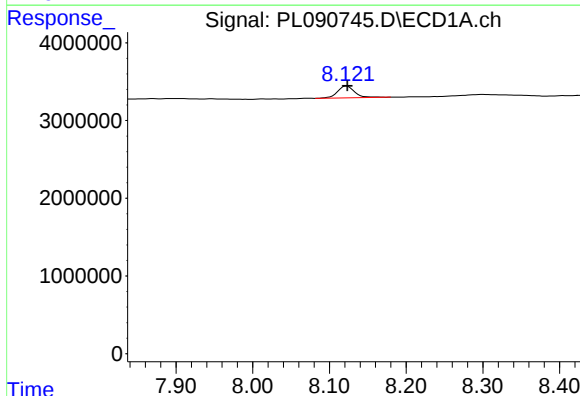
R.T.: 7.648 min
Delta R.T.: -0.001 min
Response: 3053164
Conc: 1.60 ng/ml

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



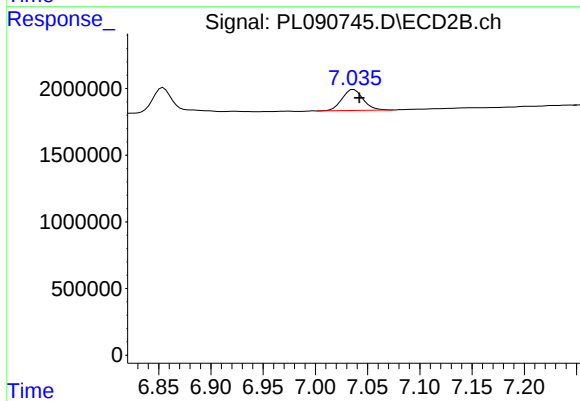
#21 Endrin ketone

R.T.: 6.854 min
Delta R.T.: -0.006 min
Response: 2628580
Conc: 1.44 ng/ml



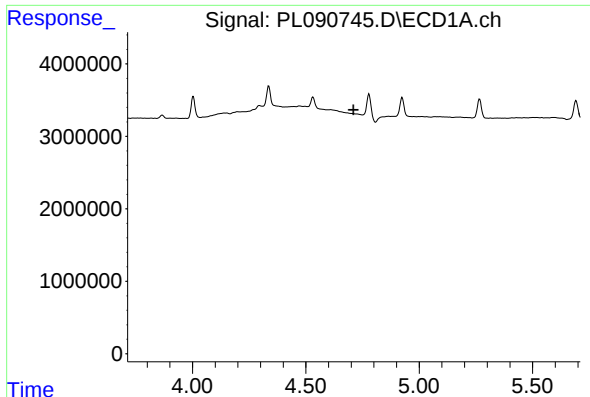
#22 Mirex

R.T.: 8.122 min
Delta R.T.: 0.000 min
Response: 2394687
Conc: 1.69 ng/ml



#22 Mirex

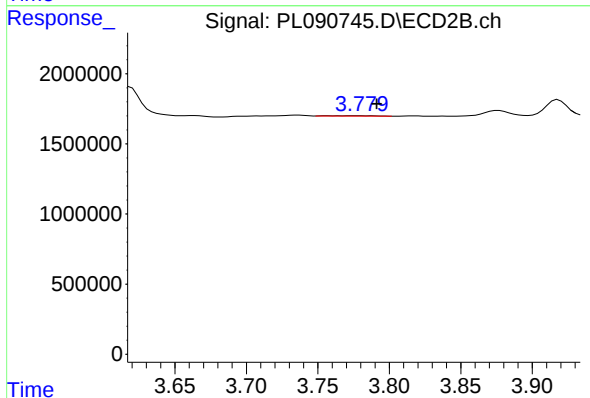
R.T.: 7.037 min
Delta R.T.: -0.005 min
Response: 2193908
Conc: 1.48 ng/ml



#23 Chlordane-1

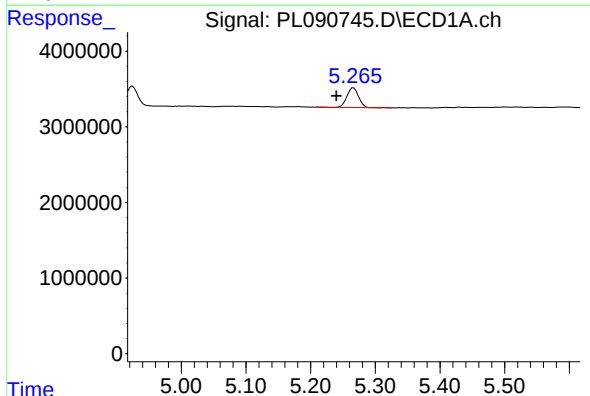
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.

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



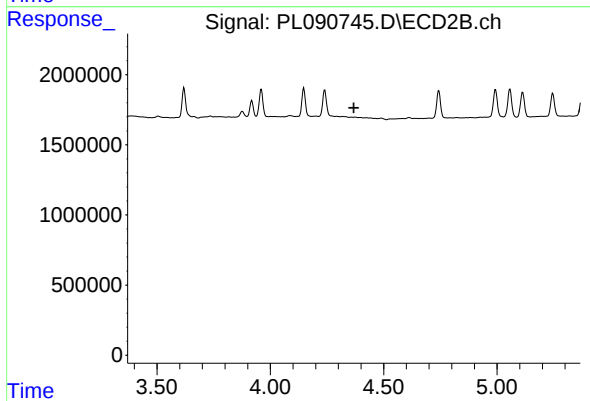
#23 Chlordane-1

R.T.: 3.780 min
Delta R.T.: -0.011 min
Response: 71636
Conc: 1.16 ng/ml



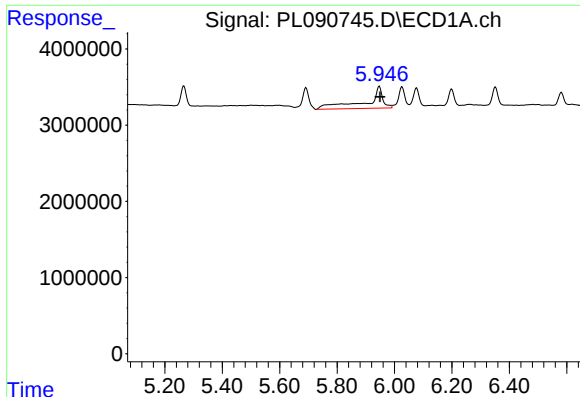
#24 Chlordane-2

R.T.: 5.266 min
Delta R.T.: 0.027 min
Response: 3279682
Conc: 32.04 ng/ml



#24 Chlordane-2

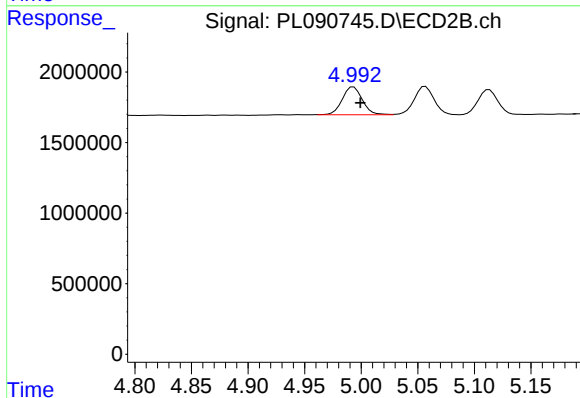
R.T.: 0.000 min
Exp R.T.: 4.369 min
Response: 0
Conc: N.D.



#25 Chlordane-3

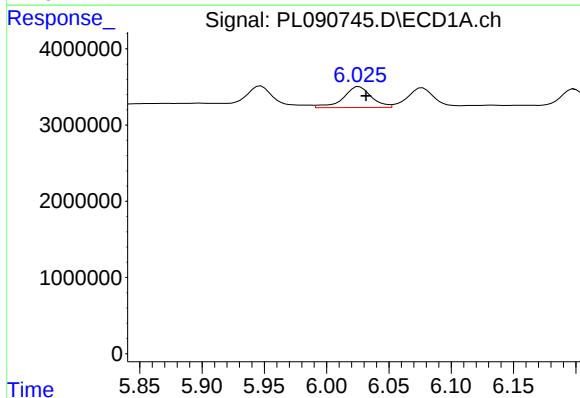
R.T.: 5.947 min
Delta R.T.: -0.003 min
Response: 11724021
Conc: 35.41 ng/ml

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



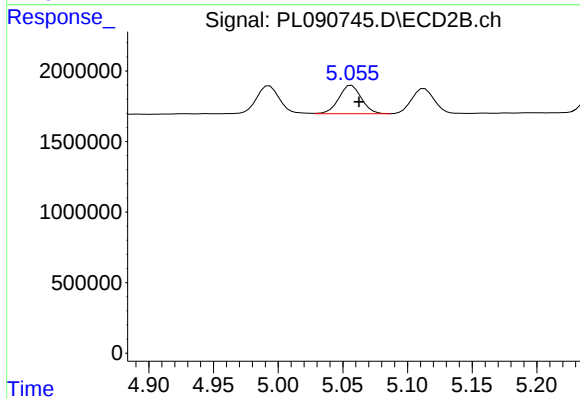
#25 Chlordane-3

R.T.: 4.993 min
Delta R.T.: -0.006 min
Response: 2422648
Conc: 11.72 ng/ml



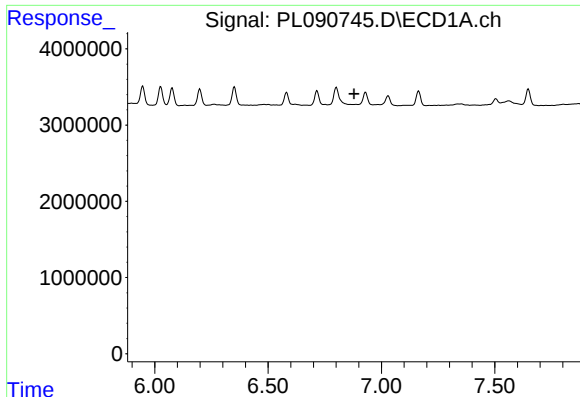
#26 Chlordane-4

R.T.: 6.026 min
Delta R.T.: -0.005 min
Response: 4328962
Conc: 10.87 ng/ml



#26 Chlordane-4

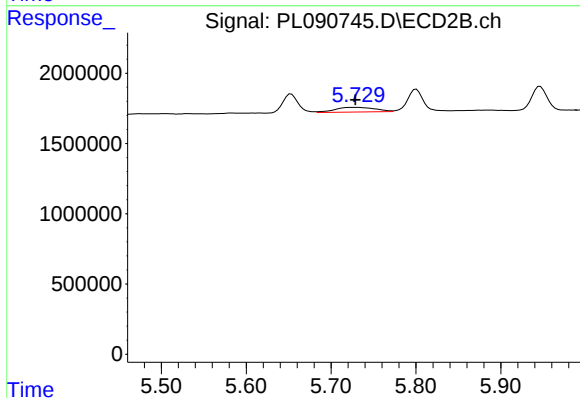
R.T.: 5.057 min
Delta R.T.: -0.006 min
Response: 2430636
Conc: 12.42 ng/ml



#27 Chlordane-5

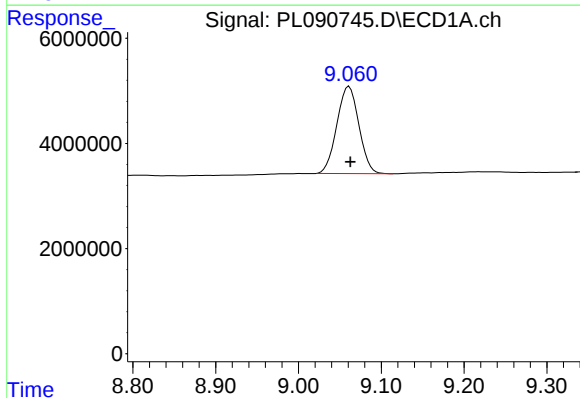
R.T.: 0.000 min
Exp R.T.: 6.880 min
Response: 0
Conc: N.D.

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



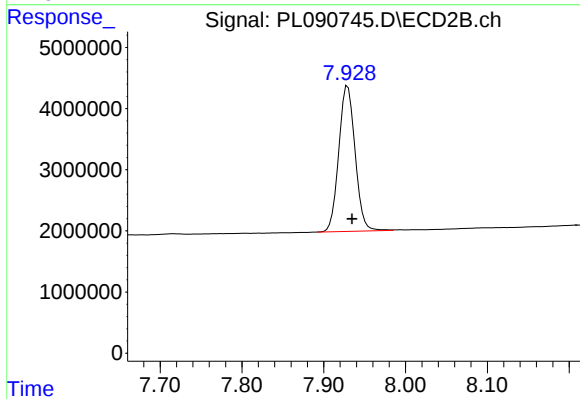
#27 Chlordane-5

R.T.: 5.729 min
Delta R.T.: 0.000 min
Response: 1076633
Conc: 17.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min
Delta R.T.: -0.002 min
Response: 30690066
Conc: 23.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.929 min
Delta R.T.: -0.005 min
Response: 32898726
Conc: 22.56 ng/ml