

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050924\
 Data File : PL089422.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 May 2024 15:04
 Operator : AR\AJ
 Sample : P2403-01
 Misc : PEST LOD 1PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 10 00:52:03 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 26 19:27:30 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...	3.553	2.796	41396523	26885662	20.558	20.955
28)	SA Decachlor...	9.069	7.949	27967868	26995740	19.991	20.068
Target Compounds							
2)	A alpha-BHC	4.007	3.301	3557050	1835374	1.247	0.973
3)	MA gamma-BHC...	4.339	3.632	4649178	1553046	1.670	0.842 #
4)	MA Heptachlor	4.929	3.974	7197067	1606898	2.902	0.917 #
5)	MB Aldrin	5.272	4.255	8394547	1613617	3.269	0.913 #
6)	B beta-BHC	4.535	3.930	3709933	841838	2.941	1.031 #
7)	B delta-BHC	4.782	4.160	4713948	1545831	1.777	0.859 #
8)	Heptachlo...	5.697	4.758	5493208	1555387	2.342	0.962 #
9)	A Endosulfan I	6.083	5.129	3447920	1512806	1.604	1.010 #
10)	B gamma-Chl...	5.953	5.009	5769924	1724696	2.524	1.051 #
11)	B alpha-Chl...	6.032	5.073	4090974	1719568	1.798	1.043 #
12)	B 4,4'-DDE	6.204	5.262	2963507	1351406	1.465	0.929 #
13)	MA Dieldrin	6.358	5.394	2898208	1551436	1.295	0.964 #
14)	MA Endrin	6.588	5.669	2337252	1406160	1.234	0.978
15)	B Endosulfa...	6.805	5.963	2692788	1811957	1.349	1.260
16)	A 4,4'-DDD	6.720	5.817	2235426	1465867	1.325	1.189
17)	MA 4,4'-DDT	7.034	6.068	2996512	1065477	1.629	0.788 #
18)	B Endrin al...	6.935	6.142	1963559	1198929	1.298	1.078
19)	B Endosulfa...	7.169	6.365	2405923	1509518	1.330	1.088
20)	A Methoxychlor	7.510	6.644	1369703	670882	1.393	0.839 #
21)	B Endrin ke...	7.654	6.872	2585998	1461895	1.292	0.914 #
22)	Mirex	8.130	7.056	1825936	1547437	1.175	1.134
24)	Chlordane-2	0.000	4.364	0	139168	N.D.	2.188 #
25)	Chlordane-3	5.953	5.009	5769924	1724696	17.471	10.073 #
26)	Chlordane-4	6.032	5.073	4090974	1719568	10.036	10.691
27)	Chlordane-5	6.877	5.766f	28340	258860	0.341	5.058 #

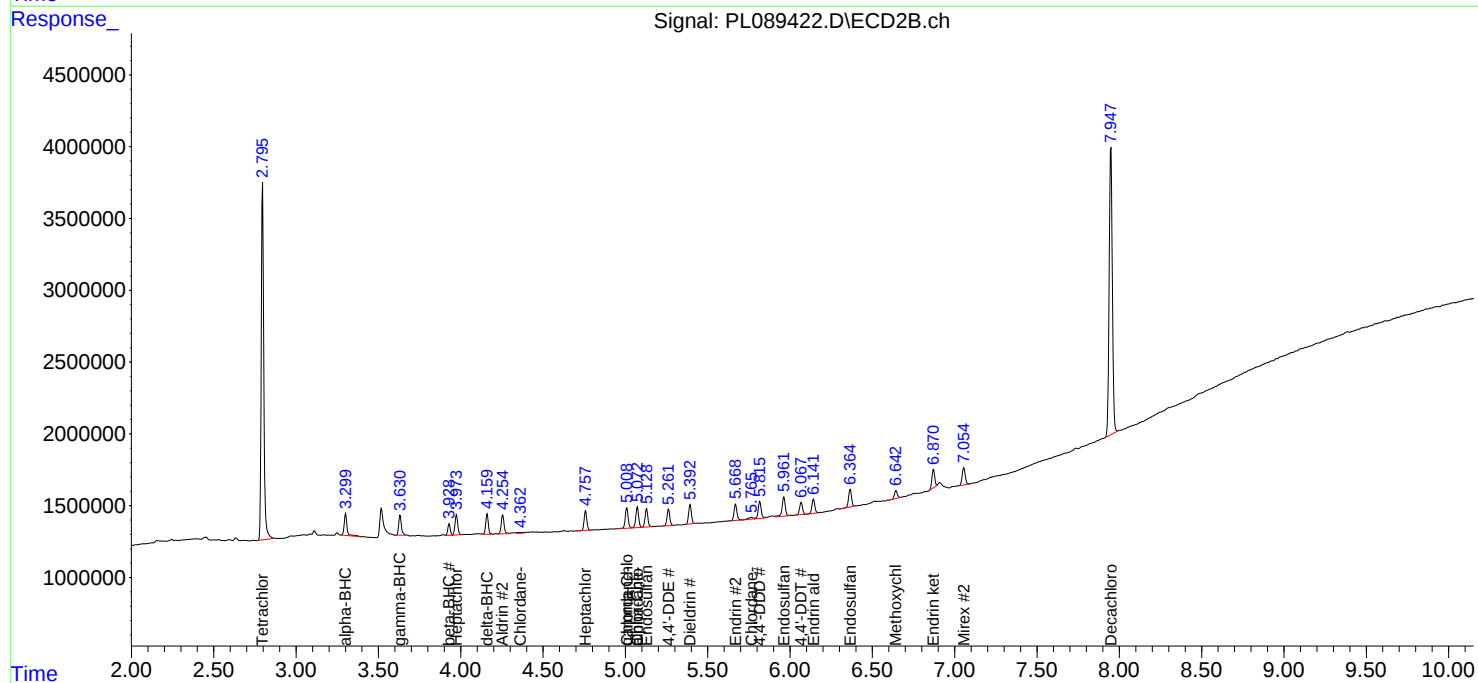
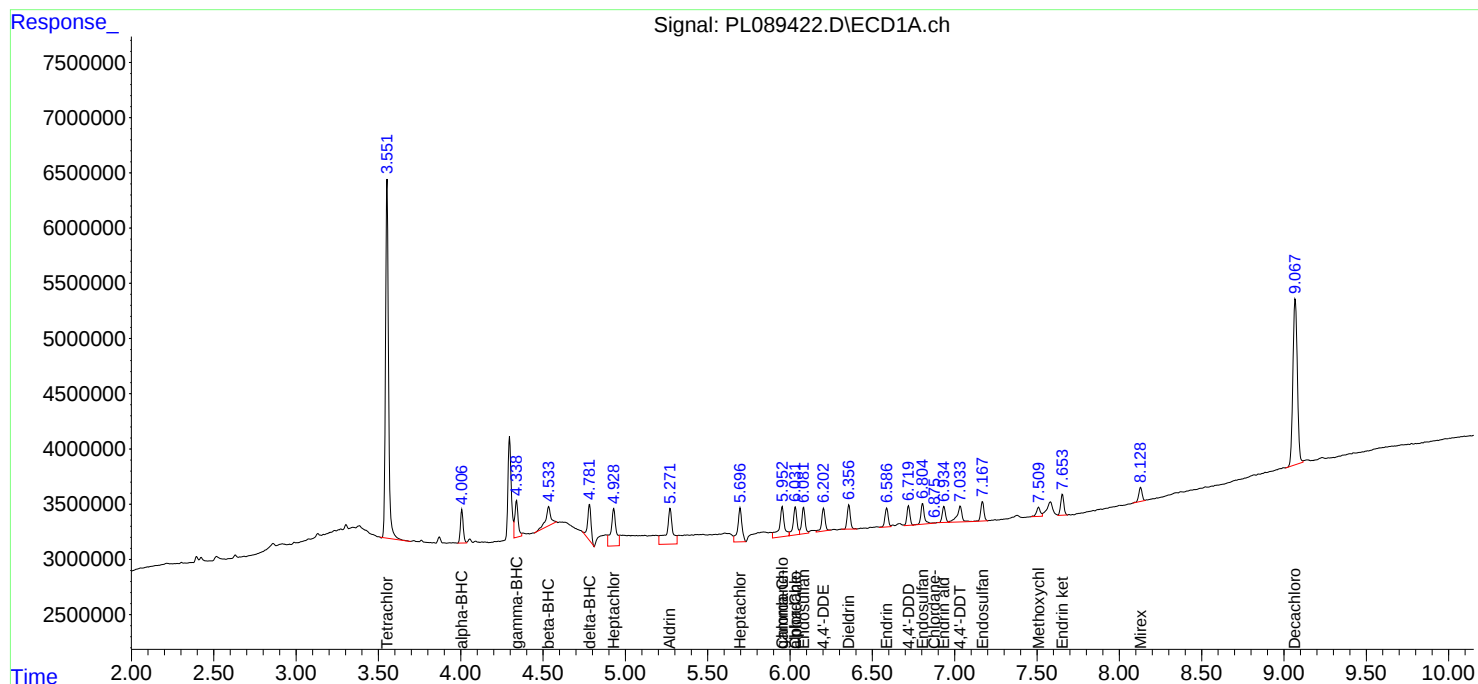
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

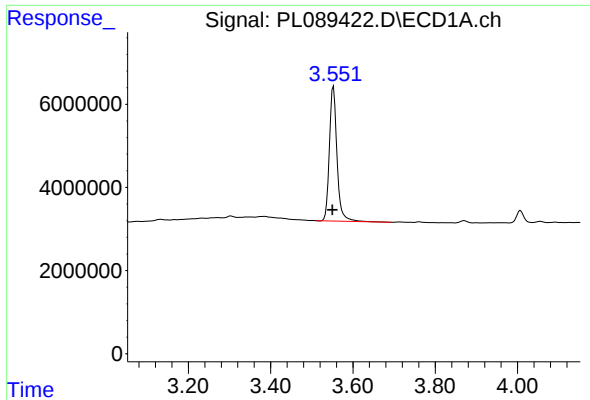
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050924\
Data File : PL089422.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 May 2024 15:04
Operator : AR\AJ
Sample : P2403-01
Misc : PEST LOD 1PPB
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 10 00:52:03 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042624.M
Quant Title : GC Extractables
QLast Update : Fri Apr 26 19:27:30 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

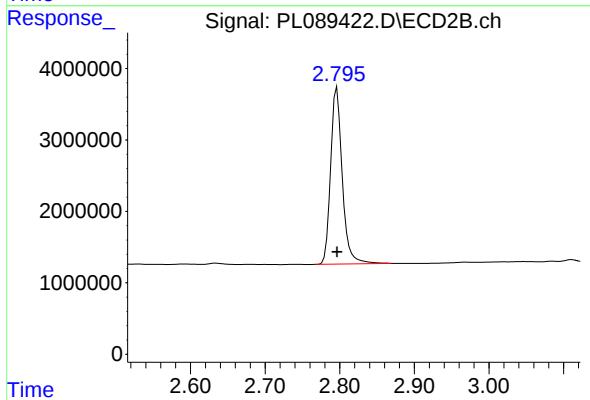




#1 Tetrachloro-m-xylene

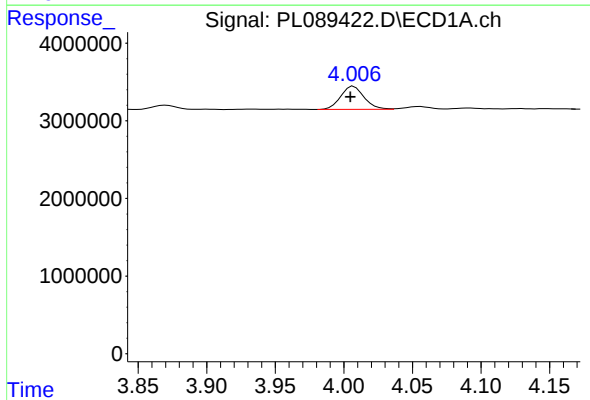
R.T.: 3.553 min
Delta R.T.: 0.003 min
Response: 41396523
Conc: 20.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



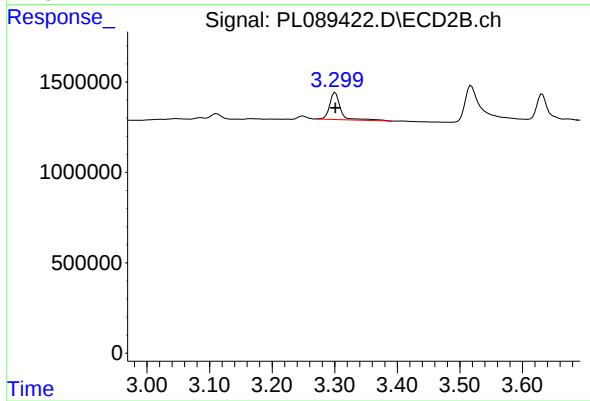
#1 Tetrachloro-m-xylene

R.T.: 2.796 min
Delta R.T.: 0.000 min
Response: 26885662
Conc: 20.95 ng/ml



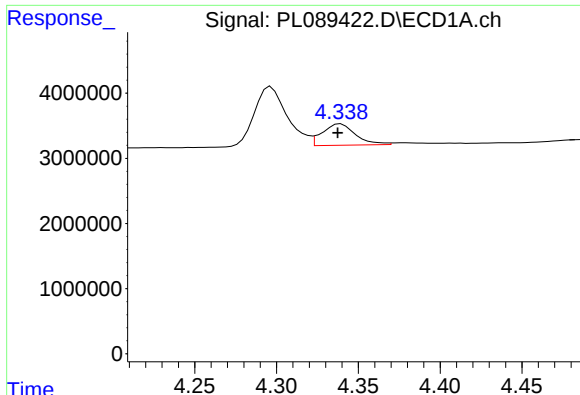
#2 alpha-BHC

R.T.: 4.007 min
Delta R.T.: 0.002 min
Response: 3557050
Conc: 1.25 ng/ml



#2 alpha-BHC

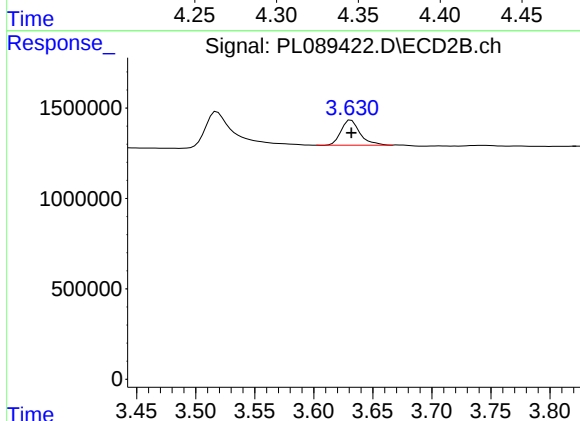
R.T.: 3.301 min
Delta R.T.: 0.000 min
Response: 1835374
Conc: 0.97 ng/ml



#3 gamma-BHC (Lindane)

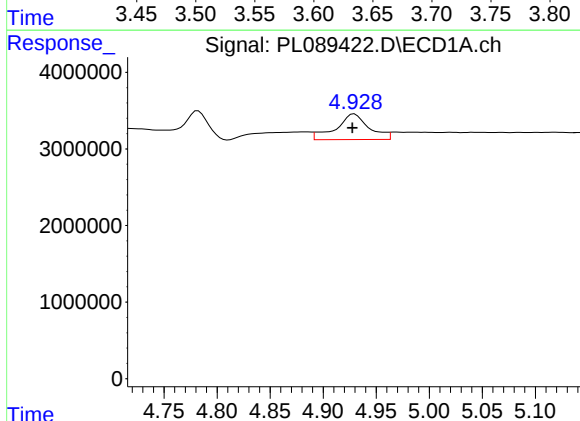
R.T.: 4.339 min
Delta R.T.: 0.002 min
Response: 4649178
Conc: 1.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



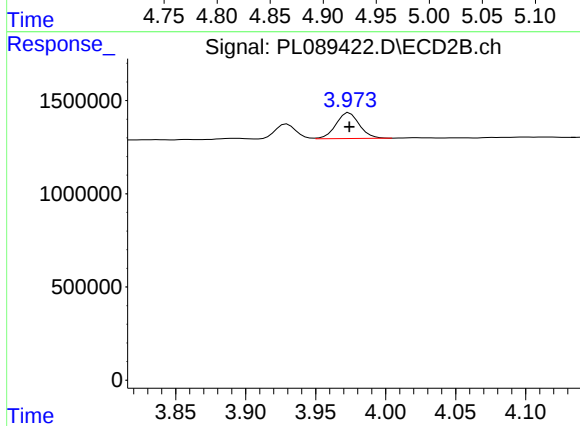
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 1553046
Conc: 0.84 ng/ml



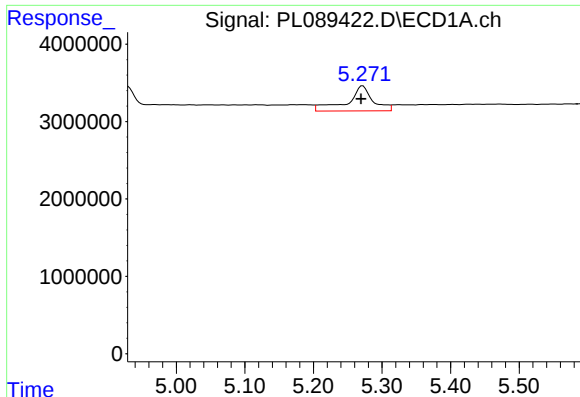
#4 Heptachlor

R.T.: 4.929 min
Delta R.T.: 0.002 min
Response: 7197067
Conc: 2.90 ng/ml



#4 Heptachlor

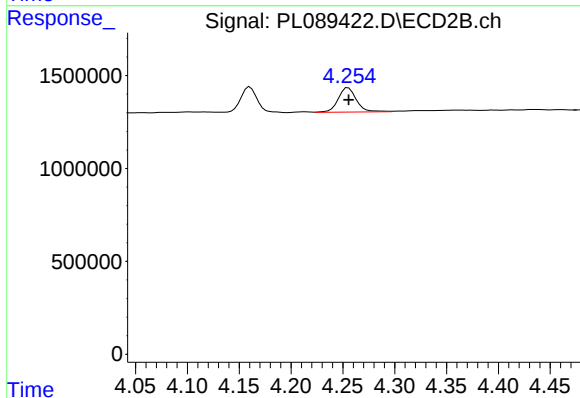
R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 1606898
Conc: 0.92 ng/ml



#5 Aldrin

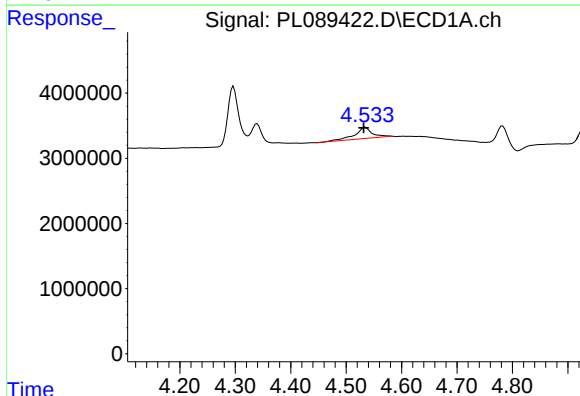
R.T.: 5.272 min
Delta R.T.: 0.003 min
Response: 8394547
Conc: 3.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



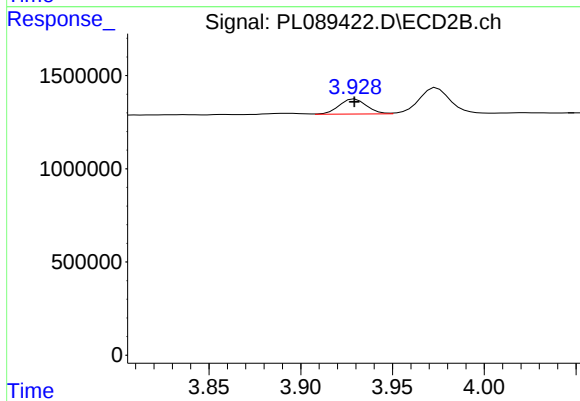
#5 Aldrin

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 1613617
Conc: 0.91 ng/ml



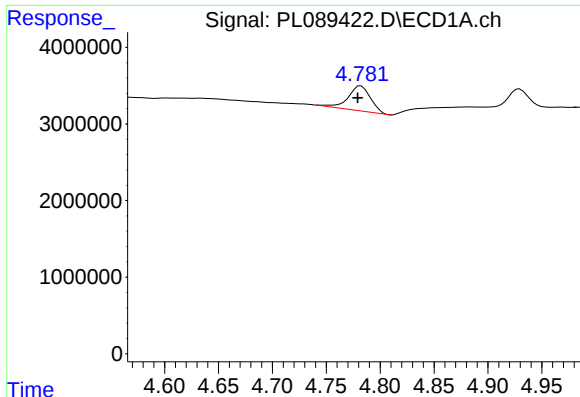
#6 beta-BHC

R.T.: 4.535 min
Delta R.T.: 0.003 min
Response: 3709933
Conc: 2.94 ng/ml



#6 beta-BHC

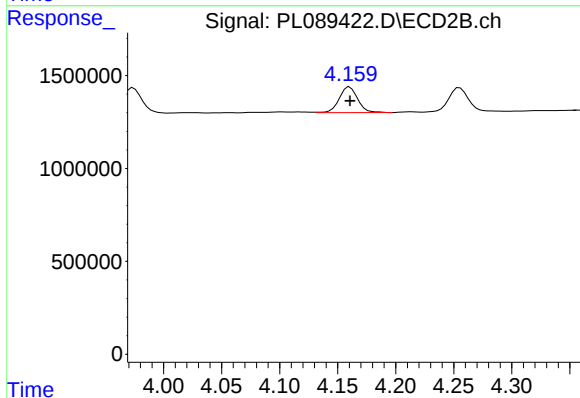
R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 841838
Conc: 1.03 ng/ml



#7 delta-BHC

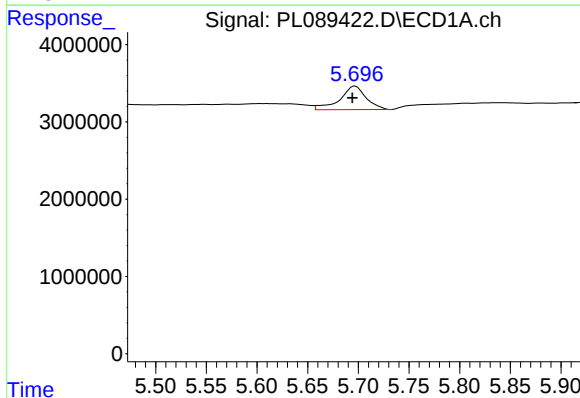
R.T.: 4.782 min
Delta R.T.: 0.003 min
Response: 4713948
Conc: 1.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



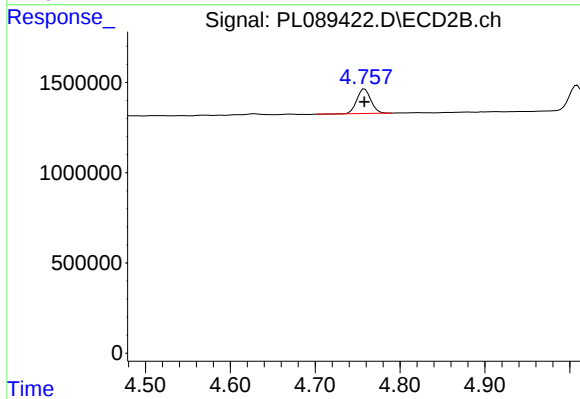
#7 delta-BHC

R.T.: 4.160 min
Delta R.T.: 0.000 min
Response: 1545831
Conc: 0.86 ng/ml



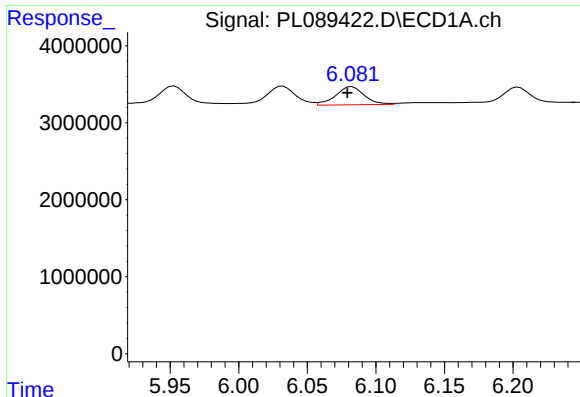
#8 Heptachlor epoxide

R.T.: 5.697 min
Delta R.T.: 0.003 min
Response: 5493208
Conc: 2.34 ng/ml



#8 Heptachlor epoxide

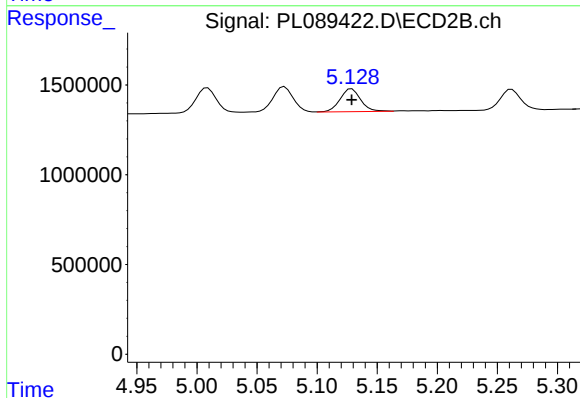
R.T.: 4.758 min
Delta R.T.: 0.000 min
Response: 1555387
Conc: 0.96 ng/ml



#9 Endosulfan I

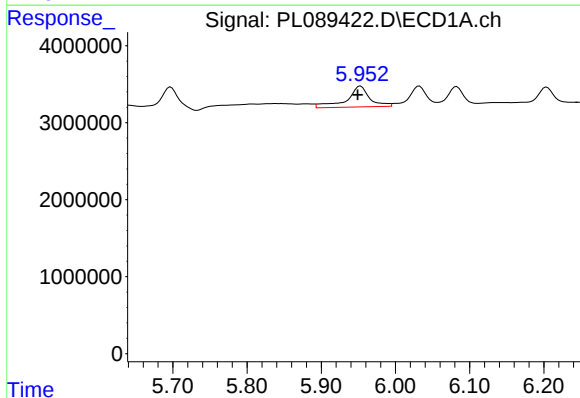
R.T.: 6.083 min
Delta R.T.: 0.003 min
Response: 3447920
Conc: 1.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



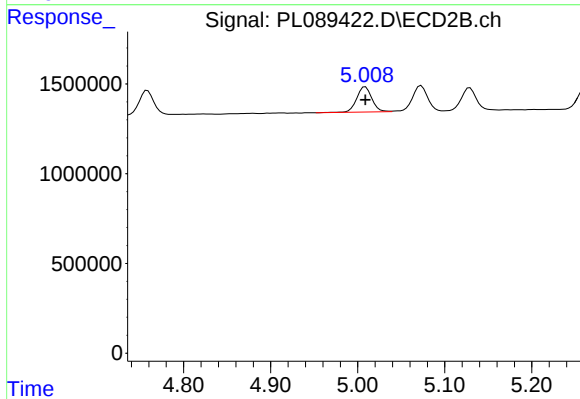
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 1512806
Conc: 1.01 ng/ml



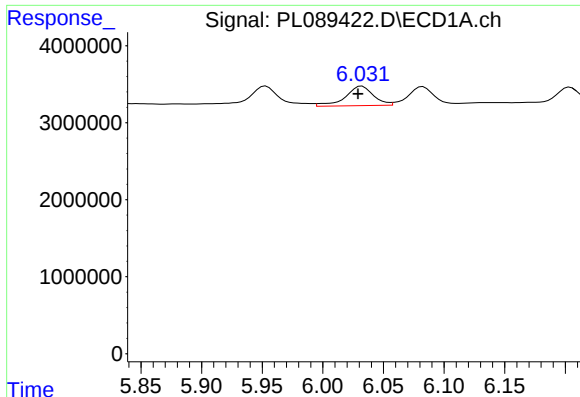
#10 gamma-Chlordane

R.T.: 5.953 min
Delta R.T.: 0.004 min
Response: 5769924
Conc: 2.52 ng/ml



#10 gamma-Chlordane

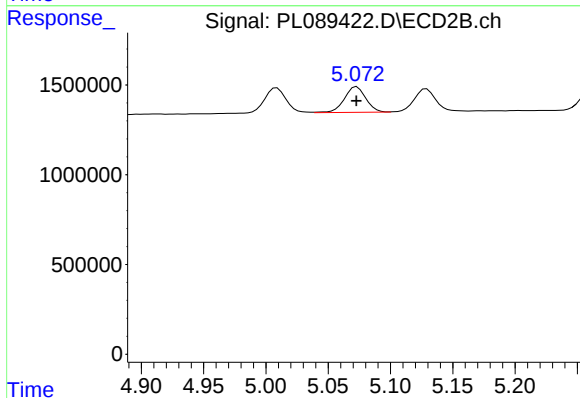
R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 1724696
Conc: 1.05 ng/ml



#11 alpha-Chlordane

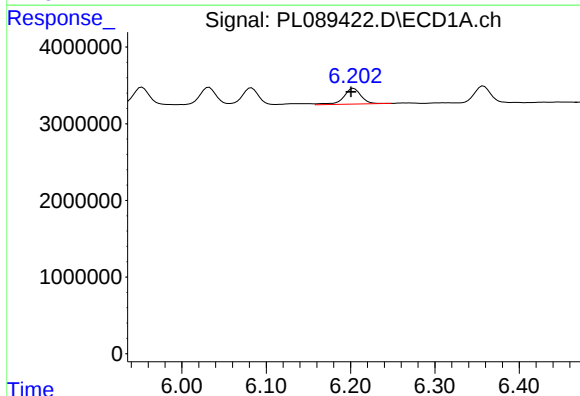
R.T.: 6.032 min
Delta R.T.: 0.003 min
Response: 4090974
Conc: 1.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



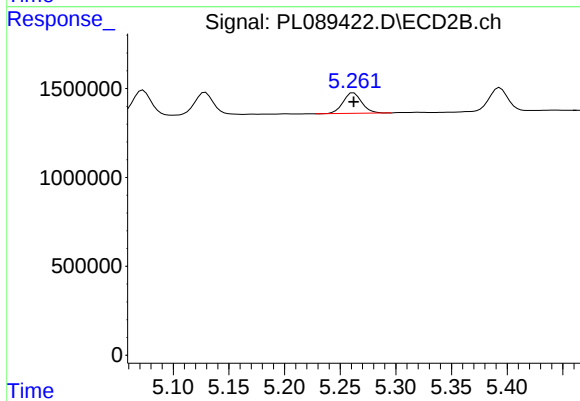
#11 alpha-Chlordane

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 1719568
Conc: 1.04 ng/ml



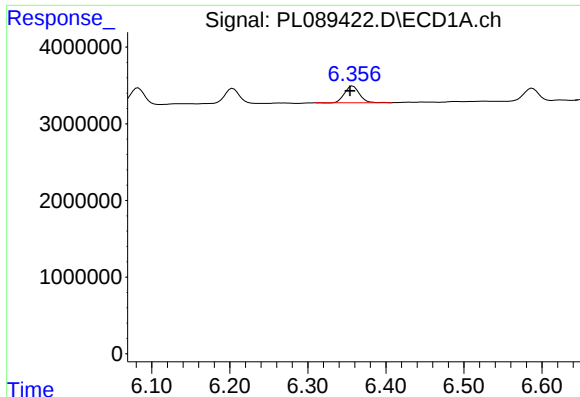
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.003 min
Response: 2963507
Conc: 1.46 ng/ml



#12 4,4'-DDE

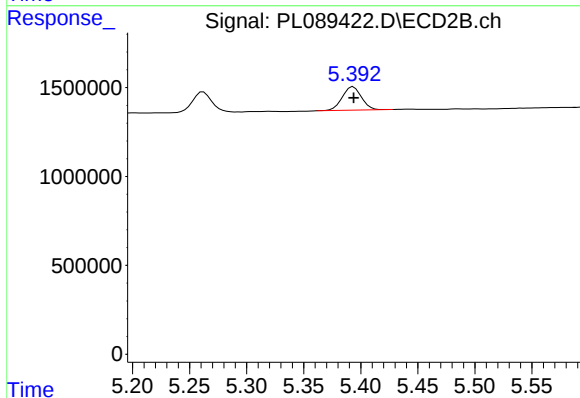
R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 1351406
Conc: 0.93 ng/ml



#13 Dieldrin

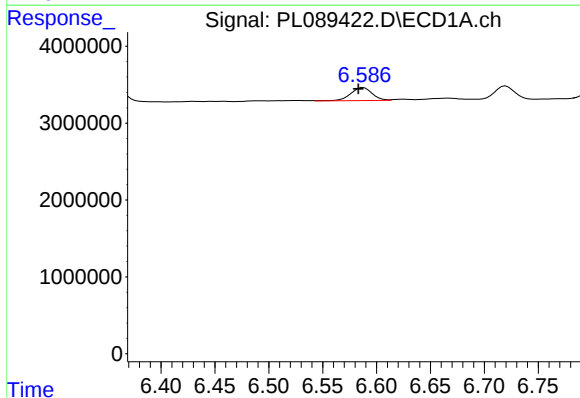
R.T.: 6.358 min
Delta R.T.: 0.003 min
Response: 2898208
Conc: 1.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



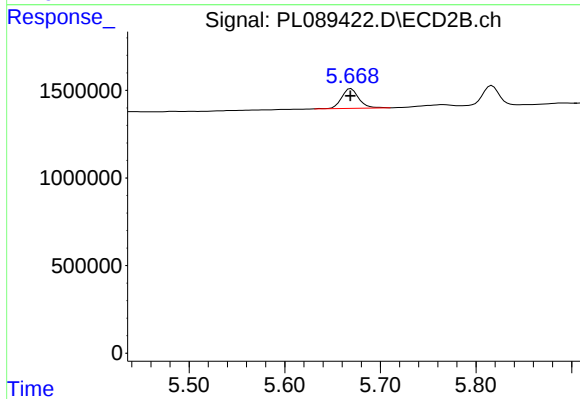
#13 Dieldrin

R.T.: 5.394 min
Delta R.T.: 0.000 min
Response: 1551436
Conc: 0.96 ng/ml



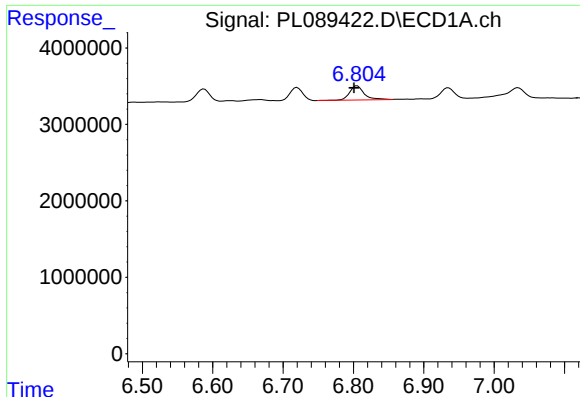
#14 Endrin

R.T.: 6.588 min
Delta R.T.: 0.005 min
Response: 2337252
Conc: 1.23 ng/ml



#14 Endrin

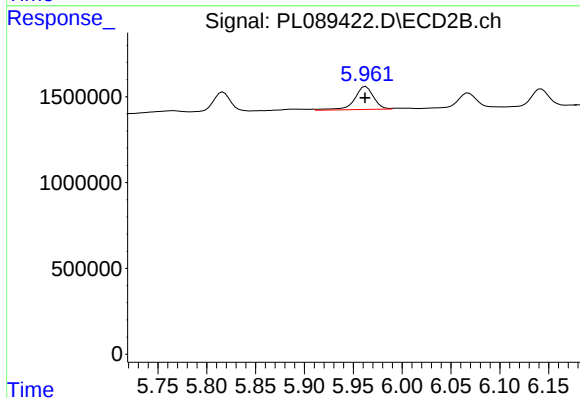
R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 1406160
Conc: 0.98 ng/ml



#15 Endosulfan II

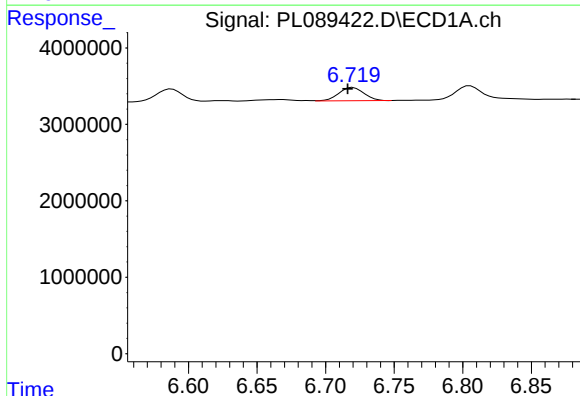
R.T.: 6.805 min
Delta R.T.: 0.004 min
Response: 2692788
Conc: 1.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



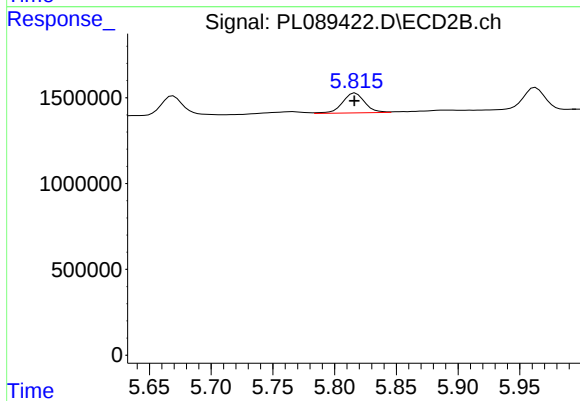
#15 Endosulfan II

R.T.: 5.963 min
Delta R.T.: 0.000 min
Response: 1811957
Conc: 1.26 ng/ml



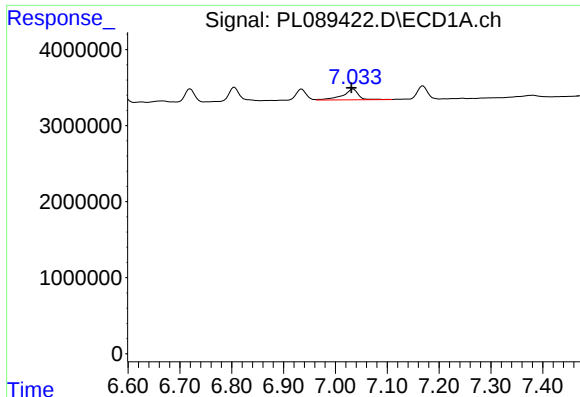
#16 4,4'-DDD

R.T.: 6.720 min
Delta R.T.: 0.004 min
Response: 2235426
Conc: 1.33 ng/ml



#16 4,4'-DDD

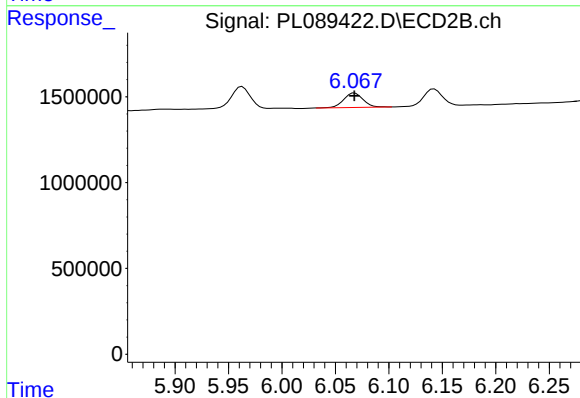
R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 1465867
Conc: 1.19 ng/ml



#17 4,4'-DDT

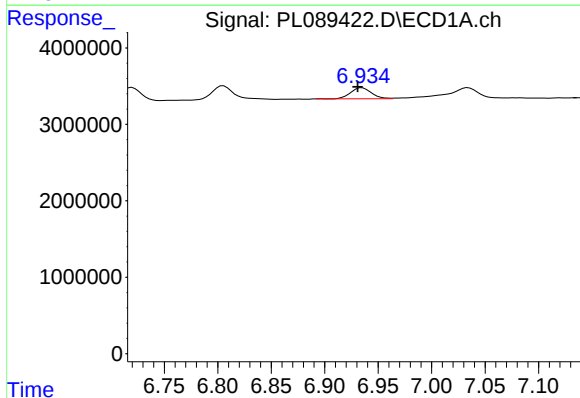
R.T.: 7.034 min
Delta R.T.: 0.004 min
Response: 2996512
Conc: 1.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



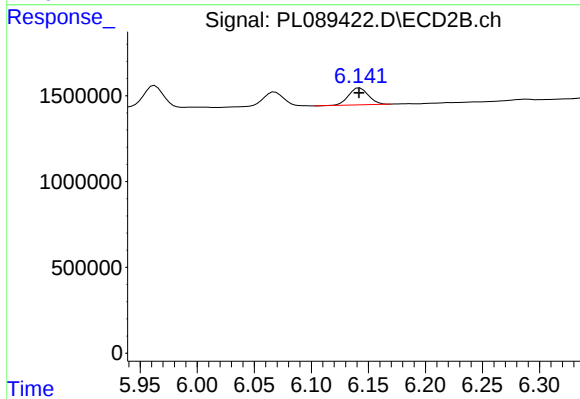
#17 4,4'-DDT

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 1065477
Conc: 0.79 ng/ml



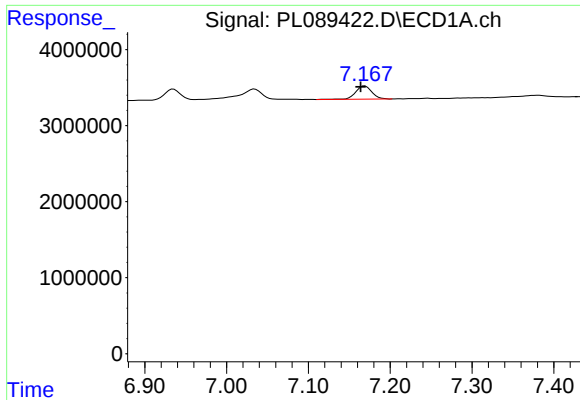
#18 Endrin aldehyde

R.T.: 6.935 min
Delta R.T.: 0.004 min
Response: 1963559
Conc: 1.30 ng/ml



#18 Endrin aldehyde

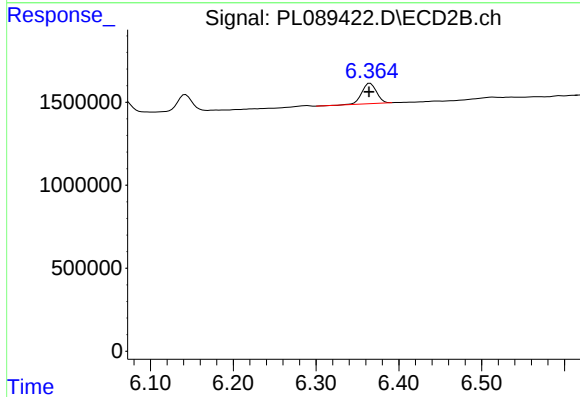
R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 1198929
Conc: 1.08 ng/ml



#19 Endosulfan Sulfate

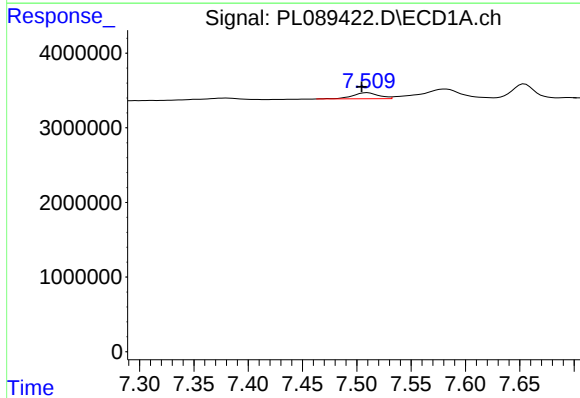
R.T.: 7.169 min
Delta R.T.: 0.005 min
Response: 2405923
Conc: 1.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



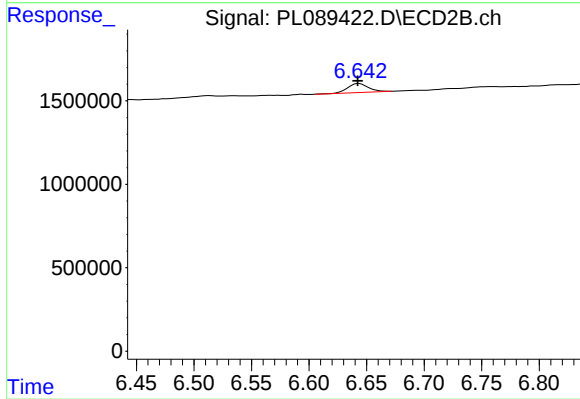
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: 0.002 min
Response: 1509518
Conc: 1.09 ng/ml



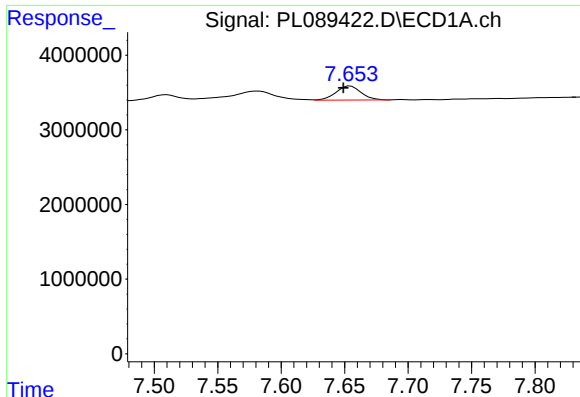
#20 Methoxychlor

R.T.: 7.510 min
Delta R.T.: 0.005 min
Response: 1369703
Conc: 1.39 ng/ml



#20 Methoxychlor

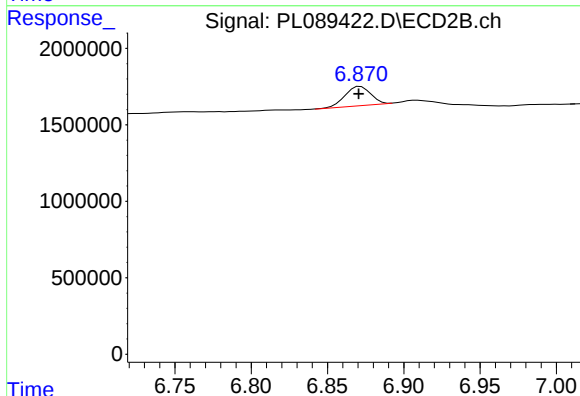
R.T.: 6.644 min
Delta R.T.: 0.001 min
Response: 670882
Conc: 0.84 ng/ml



#21 Endrin ketone

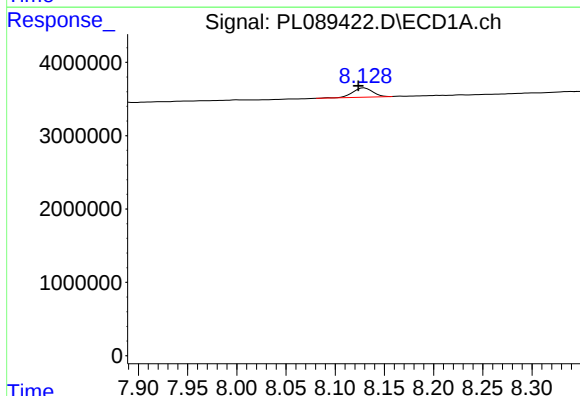
R.T.: 7.654 min
Delta R.T.: 0.006 min
Response: 2585998
Conc: 1.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



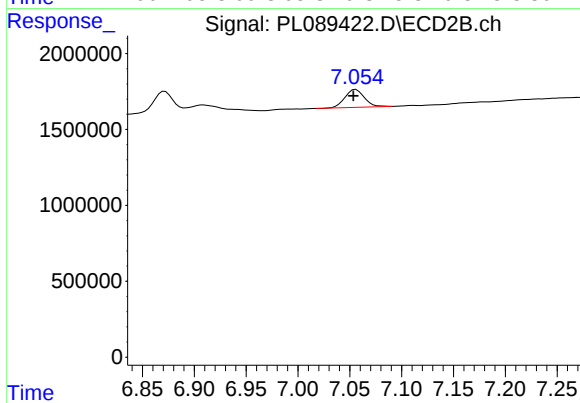
#21 Endrin ketone

R.T.: 6.872 min
Delta R.T.: 0.001 min
Response: 1461895
Conc: 0.91 ng/ml



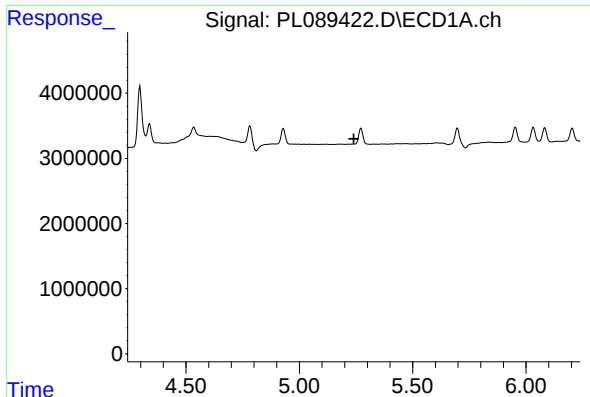
#22 Mirex

R.T.: 8.130 min
Delta R.T.: 0.006 min
Response: 1825936
Conc: 1.17 ng/ml



#22 Mirex

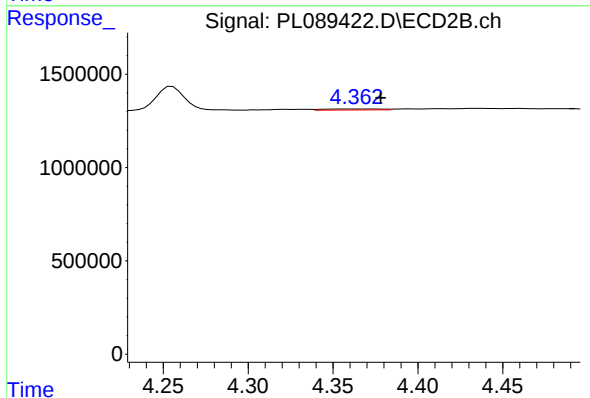
R.T.: 7.056 min
Delta R.T.: 0.002 min
Response: 1547437
Conc: 1.13 ng/ml



#24 Chlordane-2

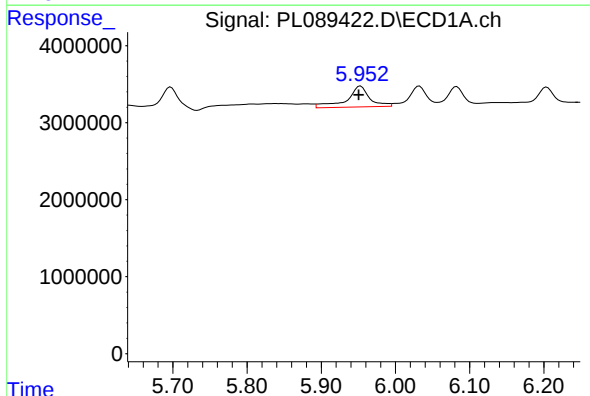
R.T.: 0.000 min
Exp R.T.: 5.240 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



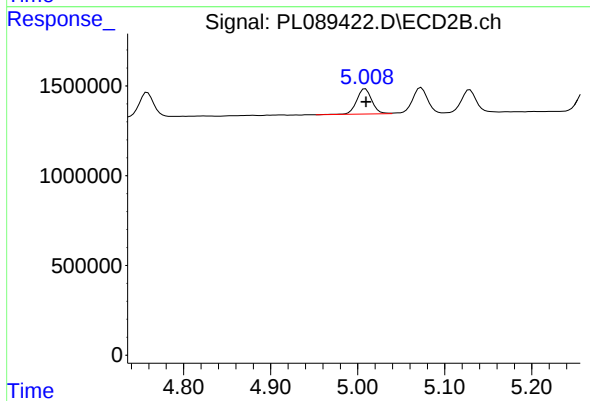
#24 Chlordane-2

R.T.: 4.364 min
Delta R.T.: -0.014 min
Response: 139168
Conc: 2.19 ng/ml



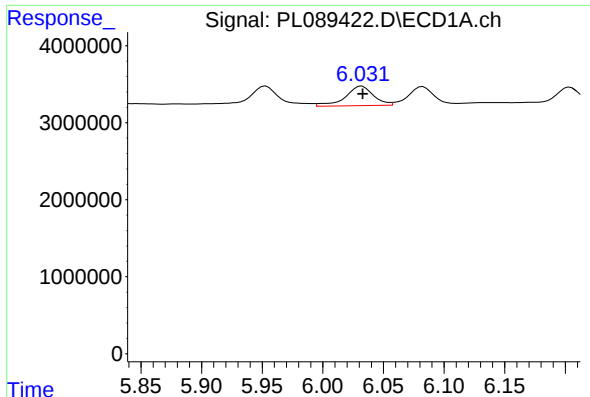
#25 Chlordane-3

R.T.: 5.953 min
Delta R.T.: 0.002 min
Response: 5769924
Conc: 17.47 ng/ml



#25 Chlordane-3

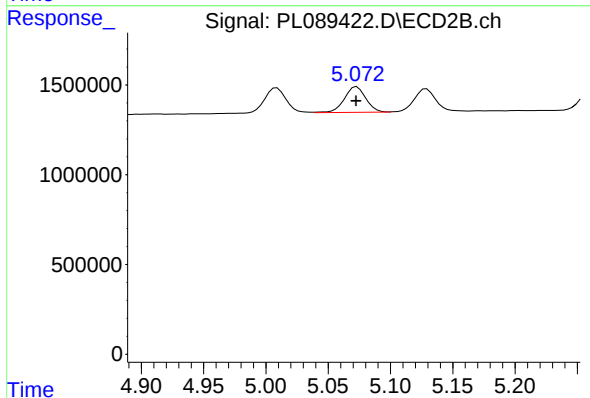
R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 1724696
Conc: 10.07 ng/ml



#26 Chlordane-4

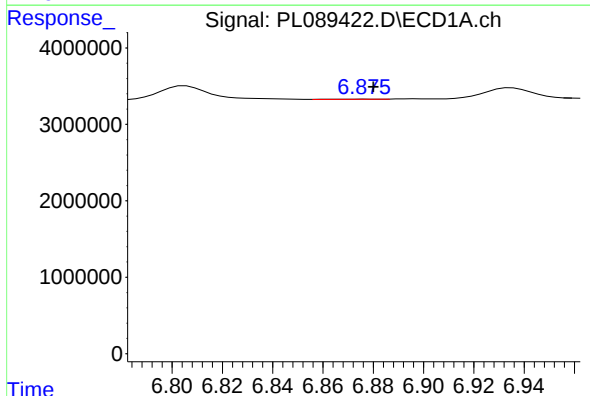
R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 4090974
Conc: 10.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



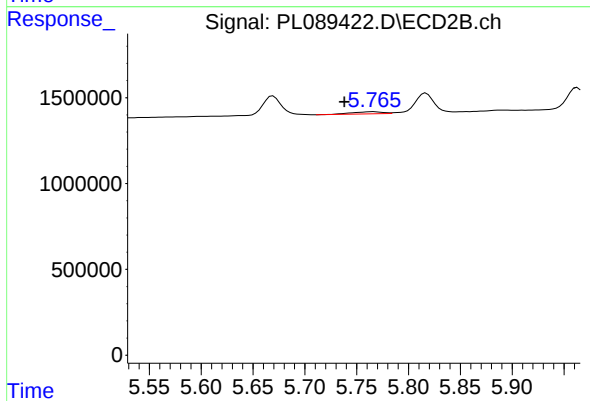
#26 Chlordane-4

R.T.: 5.073 min
Delta R.T.: 0.000 min
Response: 1719568
Conc: 10.69 ng/ml



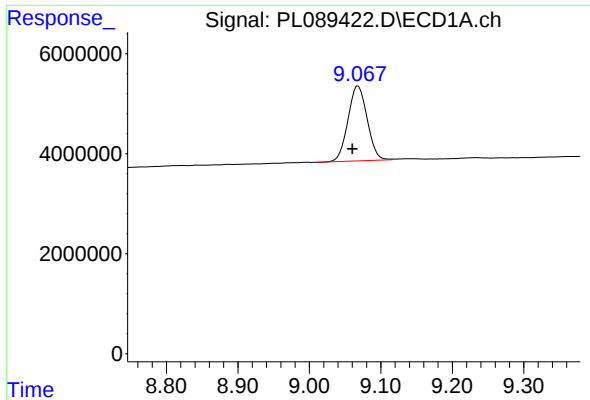
#27 Chlordane-5

R.T.: 6.877 min
Delta R.T.: -0.003 min
Response: 28340
Conc: 0.34 ng/ml



#27 Chlordane-5

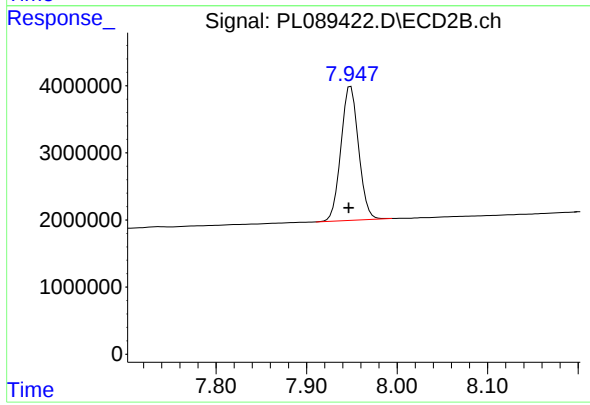
R.T.: 5.766 min
Delta R.T.: 0.028 min
Response: 258860
Conc: 5.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min
Delta R.T.: 0.008 min
Response: 27967868
Conc: 19.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



#28 Decachlorobiphenyl

R.T.: 7.949 min
Delta R.T.: 0.002 min
Response: 26995740
Conc: 20.07 ng/ml