

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081619\
 Data File : PL051582.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2019 16:05
 Operator : SG\AJ
 Sample : K4372-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL-COMPOSITE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 22:47:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 19 01:19:13 2019
 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...	3.315	3.925	77079029	37969560	7.671	13.308 #
28)	SA Decachlor...	7.974	8.953	106.6E6	32220442	10.531	11.394
Target Compounds							
2)	A alpha-BHC	3.764f	0.000	19435415	0	1.160	N.D. #
3)	MA gamma-BHC...	0.000	4.597	0	61121023	N.D.	15.781 #
4)	MA Heptachlor	4.313	0.000	197.8E6	0	12.057	N.D. #
5)	MB Aldrin	4.552	5.400	1291.0E6	-11425270	83.337	N.D. #
6)	B beta-BHC	4.277	0.000	34546531	0	5.270	N.D. #
7)	B delta-BHC	4.468	0.000	191.7E6	0	11.684	N.D. #
8)	B Heptachlo...	0.000	5.780	0	122.8E6	N.D.	32.096 #
9)	A Endosulfan I	5.338f	6.130f	83970671	23321286	5.774	6.782
10)	B gamma-Chl...	5.219f	6.038	495.9E6	118.5E6	31.419	32.074
11)	B alpha-Chl...	5.276f	6.093	171.2E6	49479165	11.219	13.500
12)	B 4,4'-DDE	5.413	6.255	7028655	155.7E6	0.469	43.204 #
13)	MA Dieldrin	5.561	6.391	859.0E6	54018824	55.433	15.255 #
14)	MA Endrin	5.800	6.610	190.9E6	92440351	12.968	29.806 #
15)	B Endosulfa...	6.058f	6.811f	63500182	84830009	4.537	26.683 #
16)	A 4,4'-DDD	5.930	6.746	24690844	787.1E6	2.060	295.583 #
17)	MA 4,4'-DDT	6.159	0.000	2046.8E6	0	165.255	N.D. #
18)	B Endrin al...	6.252	6.963	919.8E6	32245752	79.726	11.865 #
19)	B Endosulfa...	6.441	0.000	1195.6E6	0	93.848	N.D. #
20)	A Methoxychlor	6.689f	7.479f	4580.7E6	17472148	734.206	11.908 #
21)	B Endrin ke...	6.957f	0.000	825.3E6	0	60.338	N.D. #
22)	Mirex	0.000	8.119f	0	16268629	N.D.	7.083 #
23)	Chlordane-1	0.000	4.925	0	35133868	N.D.	323.846 #
25)	Chlordane-3	5.219f	6.038	495.9E6	118.5E6	354.266	246.416 #
26)	Chlordane-4	5.276f	6.093	171.2E6	49479165	129.761	85.174 #

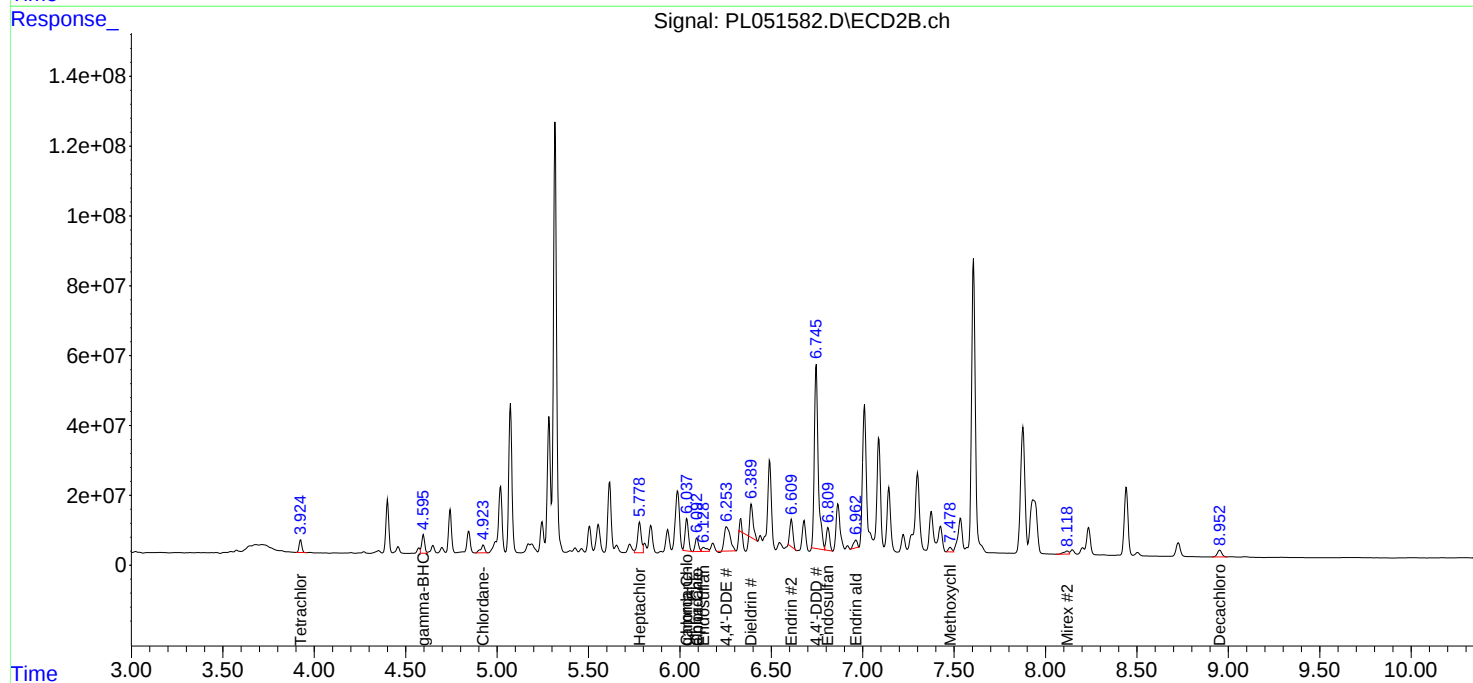
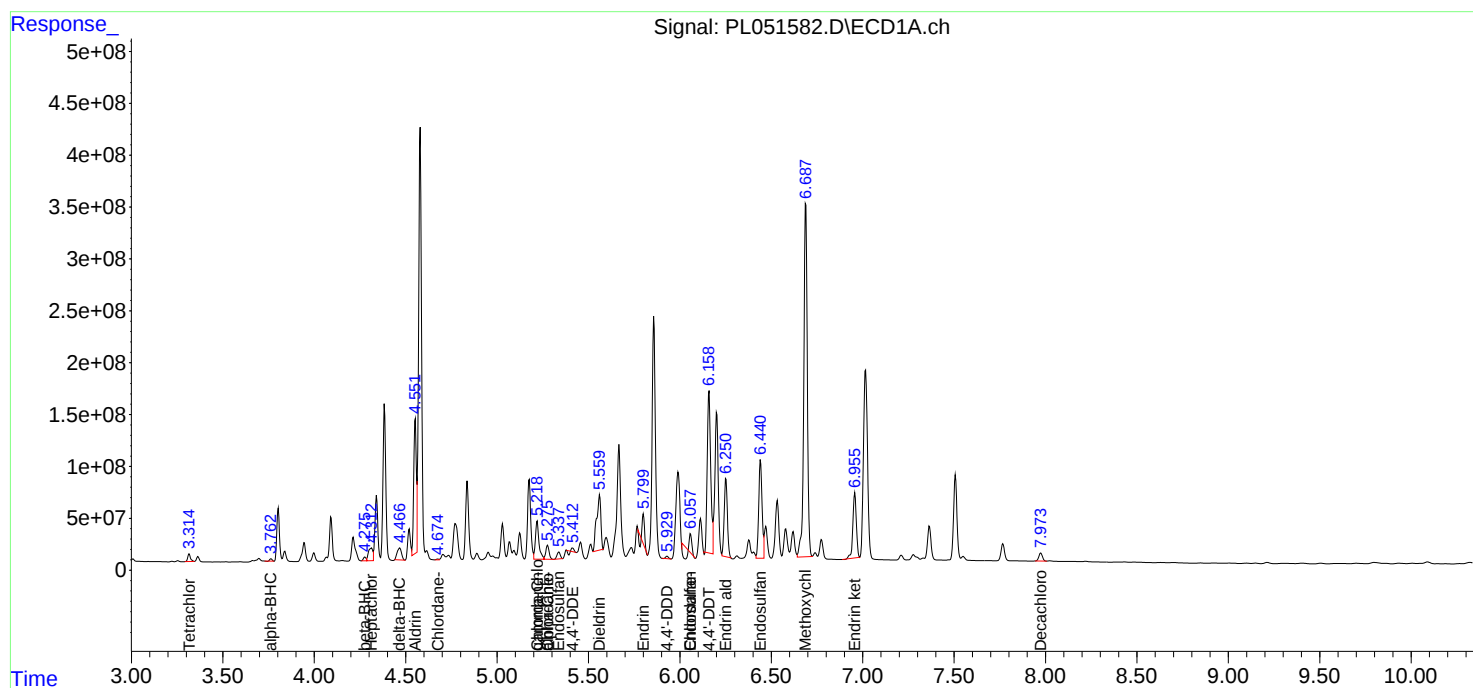
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

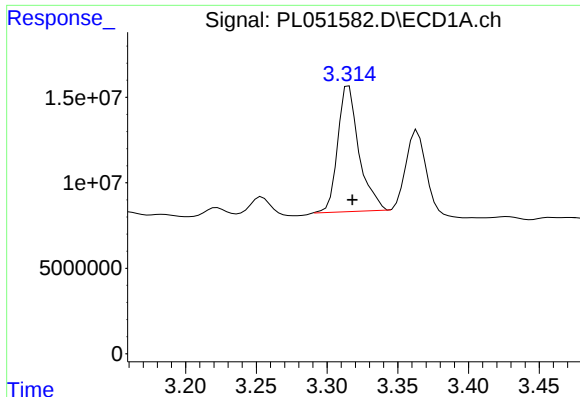
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081619\
 Data File : PL051582.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Aug 2019 16:05
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 Misc :
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Instrument :
 ECD_L
 ClientSampleId :
 SOIL-COMPOSITE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 22:47:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
 Quant Title : GC Extractables
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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

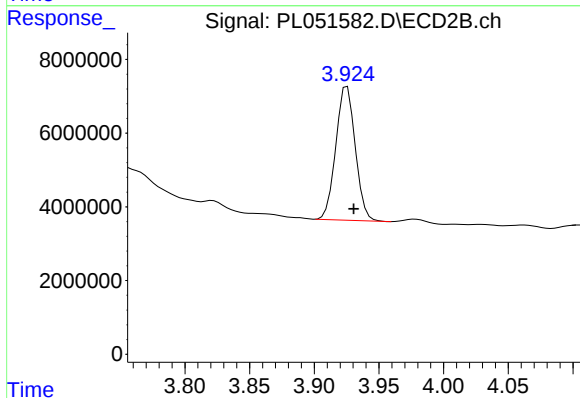




#1 Tetrachloro-m-xylene

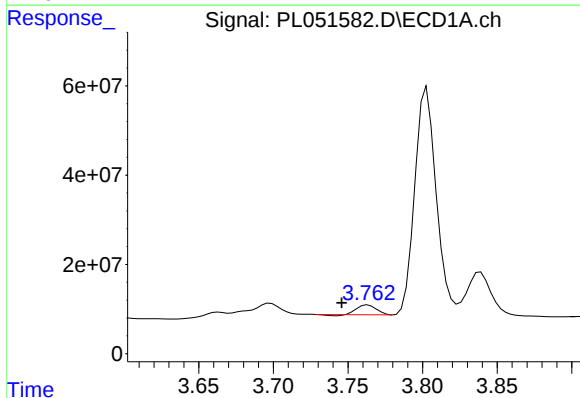
R.T.: 3.315 min
Delta R.T.: -0.003 min
Response: 77079029
Conc: 7.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPOSITE



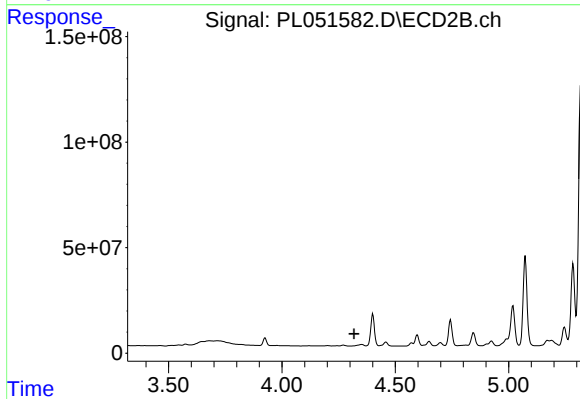
#1 Tetrachloro-m-xylene

R.T.: 3.925 min
Delta R.T.: -0.005 min
Response: 37969560
Conc: 13.31 ng/ml



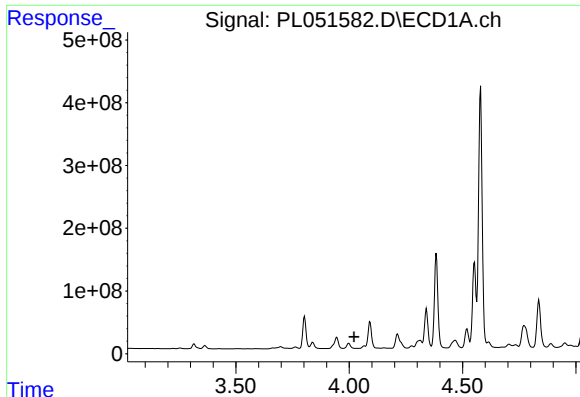
#2 alpha-BHC

R.T.: 3.764 min
Delta R.T.: 0.018 min
Response: 19435415
Conc: 1.16 ng/ml



#2 alpha-BHC

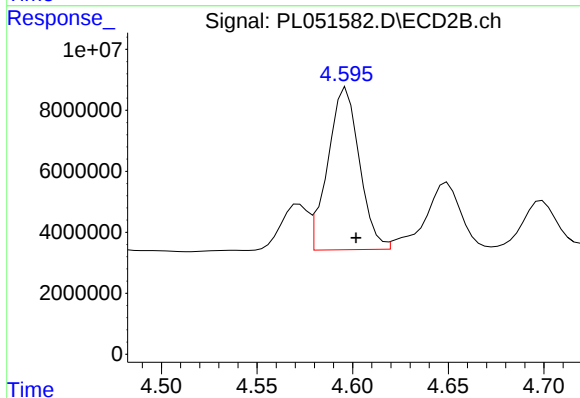
R.T.: 0.000 min
Exp R.T. : 4.319 min
Response: 0
Conc: N.D.



#3 gamma-BHC (Lindane)

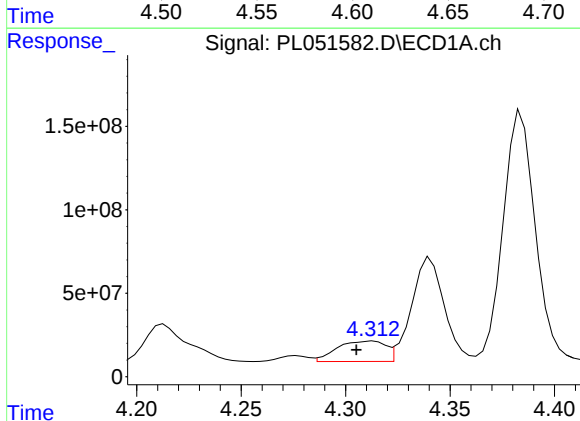
R.T.: 0.000 min
Exp R.T.: 4.021 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPOSITE



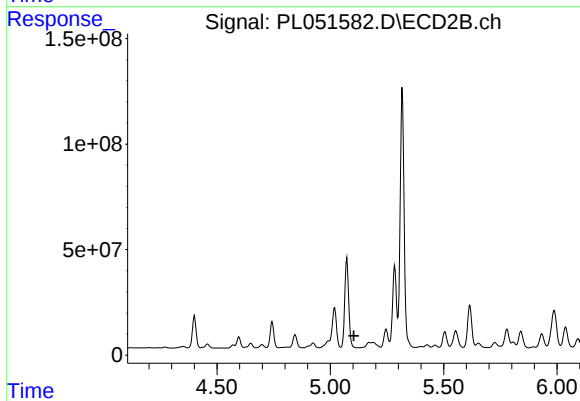
#3 gamma-BHC (Lindane)

R.T.: 4.597 min
Delta R.T.: -0.005 min
Response: 61121023
Conc: 15.78 ng/ml



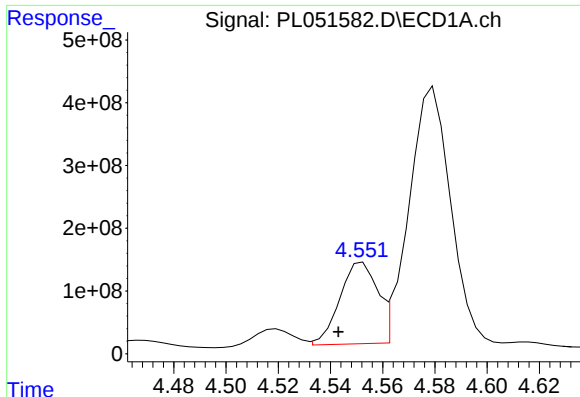
#4 Heptachlor

R.T.: 4.313 min
Delta R.T.: 0.008 min
Response: 197827032
Conc: 12.06 ng/ml



#4 Heptachlor

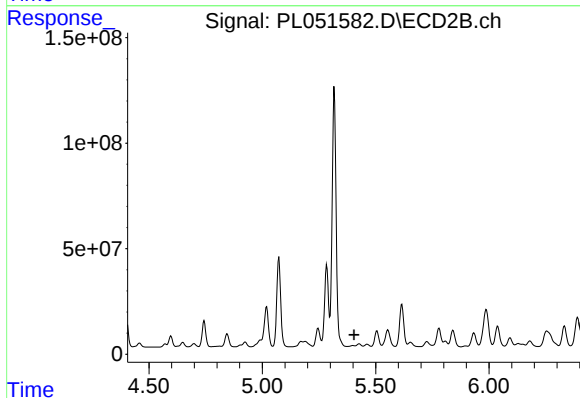
R.T.: 0.000 min
Exp R.T.: 5.104 min
Response: 0
Conc: N.D.



#5 Aldrin

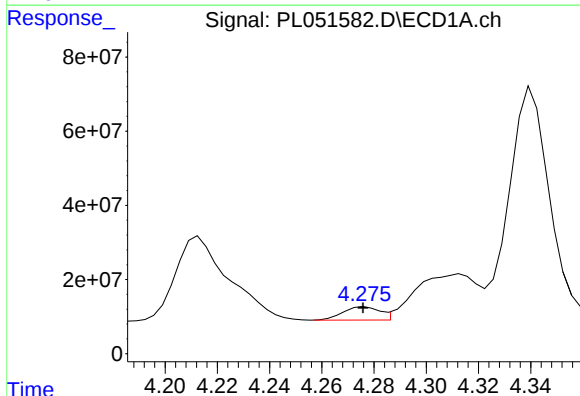
R.T.: 4.552 min
Delta R.T.: 0.009 min
Response: 1291016367
Conc: 83.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPOSITE



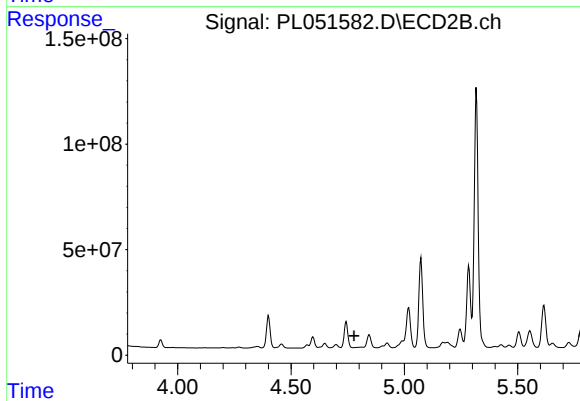
#5 Aldrin

R.T.: 5.400 min
Delta R.T.: -0.005 min
Response: -11425270
Conc: N.D.



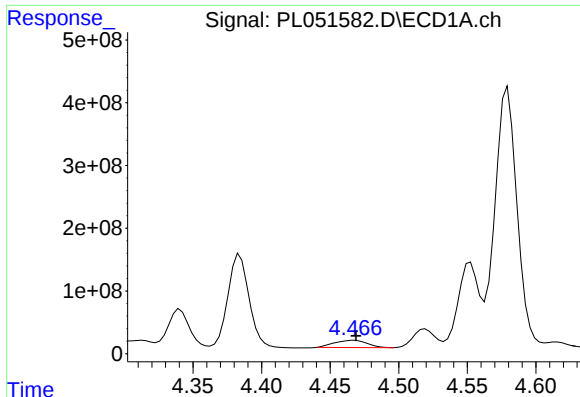
#6 beta-BHC

R.T.: 4.277 min
Delta R.T.: 0.000 min
Response: 34546531
Conc: 5.27 ng/ml



#6 beta-BHC

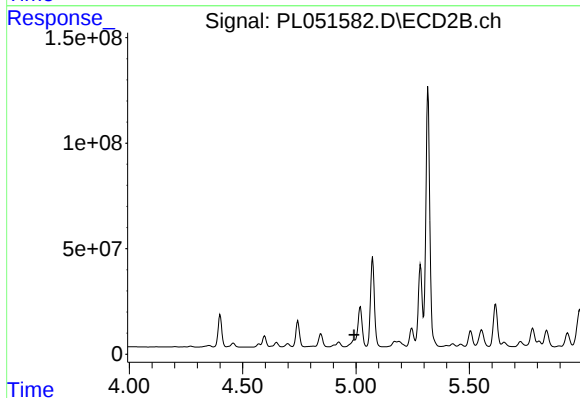
R.T.: 0.000 min
Exp R.T.: 4.778 min
Response: 0
Conc: N.D.



#7 delta-BHC

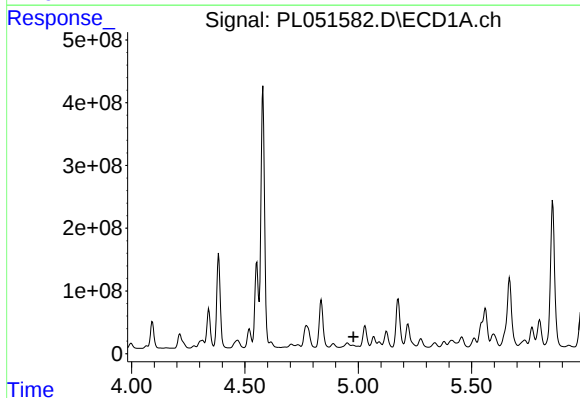
R.T.: 4.468 min
Delta R.T.: -0.001 min
Response: 191717493
Conc: 11.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPOSITE



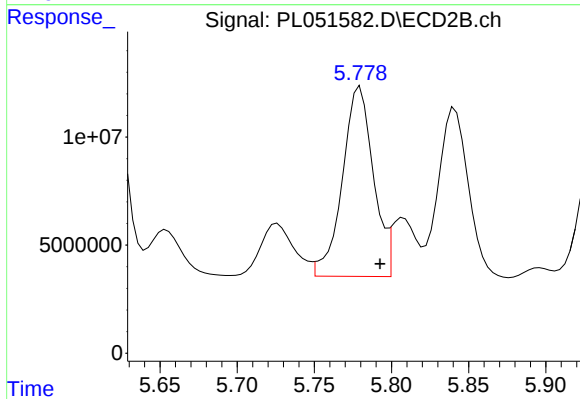
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.991 min
Response: 0
Conc: N.D.



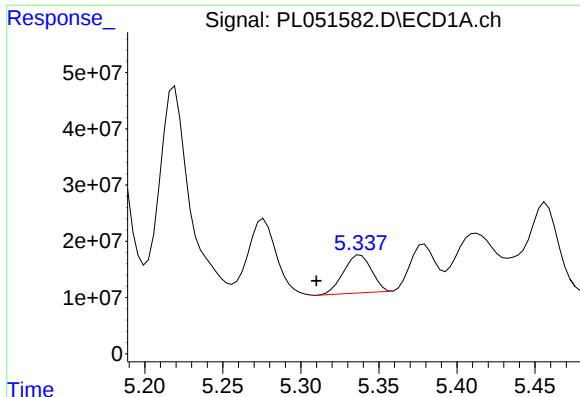
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.979 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

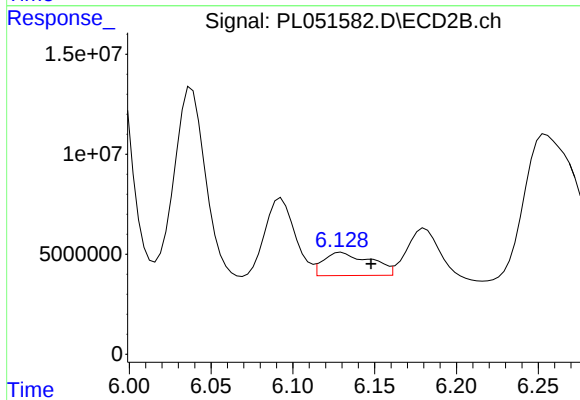
R.T.: 5.780 min
Delta R.T.: -0.013 min
Response: 122760757
Conc: 32.10 ng/ml



#9 Endosulfan I

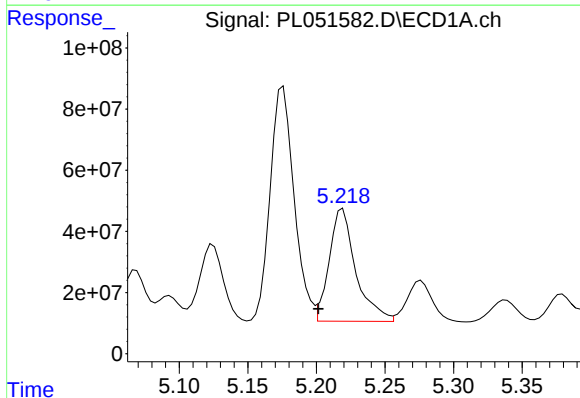
R.T.: 5.338 min
Delta R.T.: 0.028 min
Response: 83970671
Conc: 5.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPOSITE



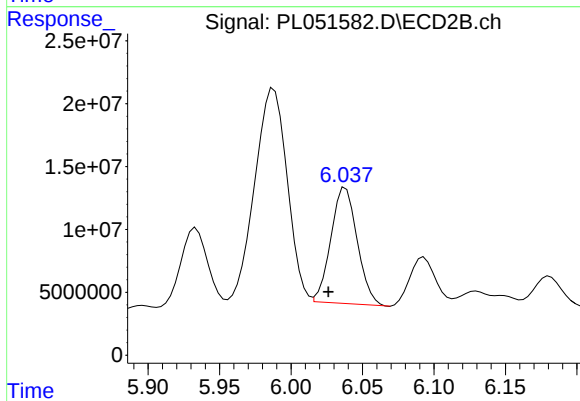
#9 Endosulfan I

R.T.: 6.130 min
Delta R.T.: -0.018 min
Response: 23321286
Conc: 6.78 ng/ml



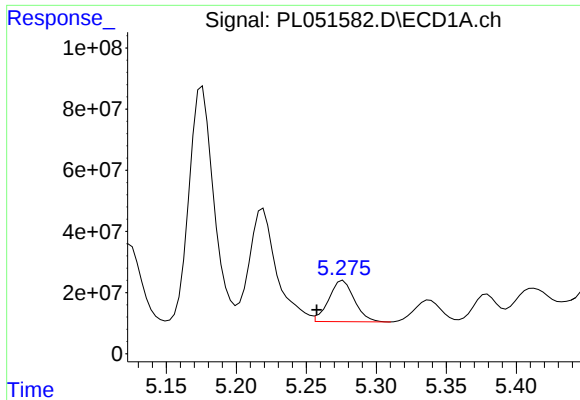
#10 gamma-Chlordane

R.T.: 5.219 min
Delta R.T.: 0.018 min
Response: 495897763
Conc: 31.42 ng/ml



#10 gamma-Chlordane

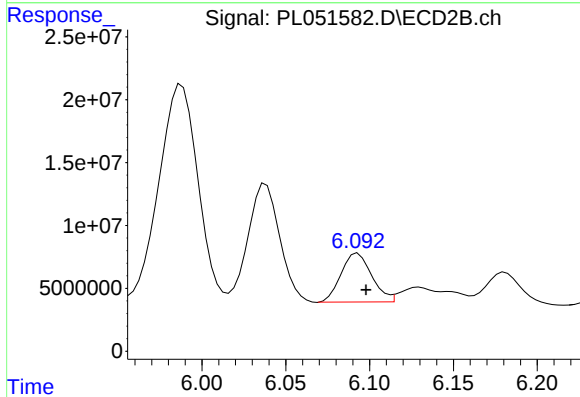
R.T.: 6.038 min
Delta R.T.: 0.012 min
Response: 118521067
Conc: 32.07 ng/ml



#11 alpha-Chlordane

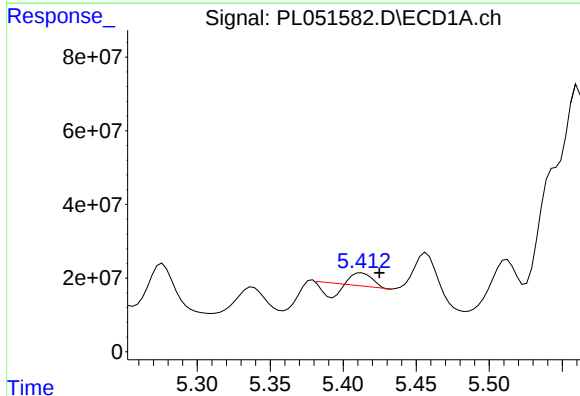
R.T.: 5.276 min
Delta R.T.: 0.019 min
Response: 171152312
Conc: 11.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPOSITE



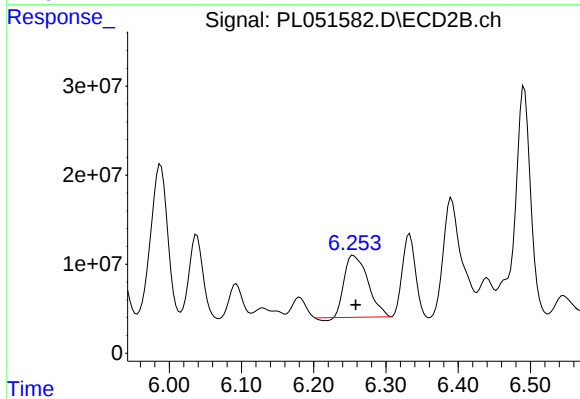
#11 alpha-Chlordane

R.T.: 6.093 min
Delta R.T.: -0.005 min
Response: 49479165
Conc: 13.50 ng/ml



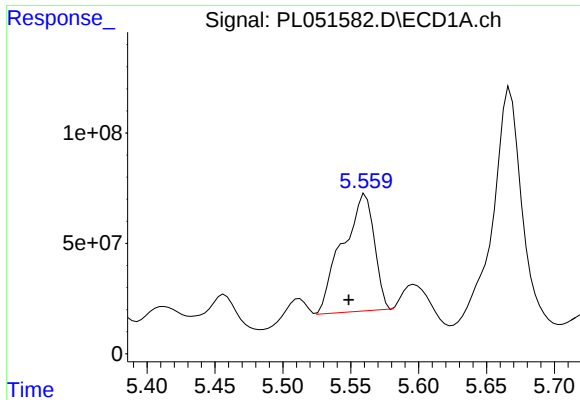
#12 4,4'-DDE

R.T.: 5.413 min
Delta R.T.: -0.012 min
Response: 7028655
Conc: 0.47 ng/ml



#12 4,4'-DDE

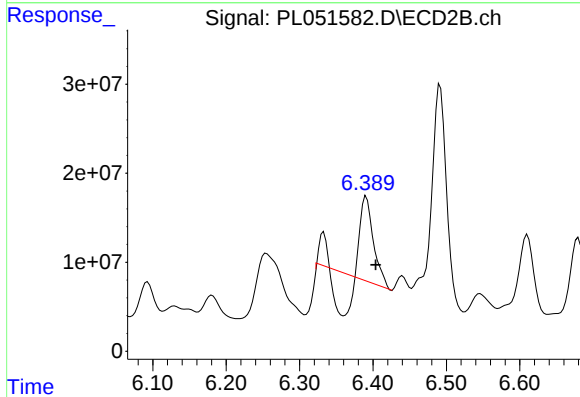
R.T.: 6.255 min
Delta R.T.: -0.003 min
Response: 155680420
Conc: 43.20 ng/ml



#13 Dieldrin

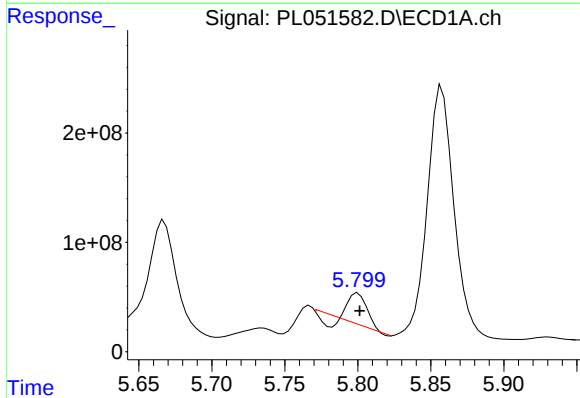
R.T.: 5.561 min
Delta R.T.: 0.012 min
Response: 859025528
Conc: 55.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPOSITE



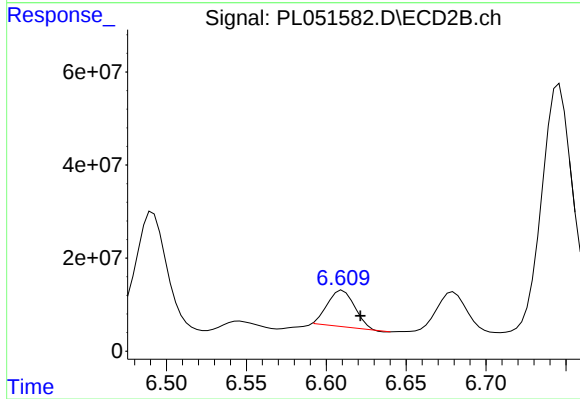
#13 Dieldrin

R.T.: 6.391 min
Delta R.T.: -0.013 min
Response: 54018824
Conc: 15.25 ng/ml



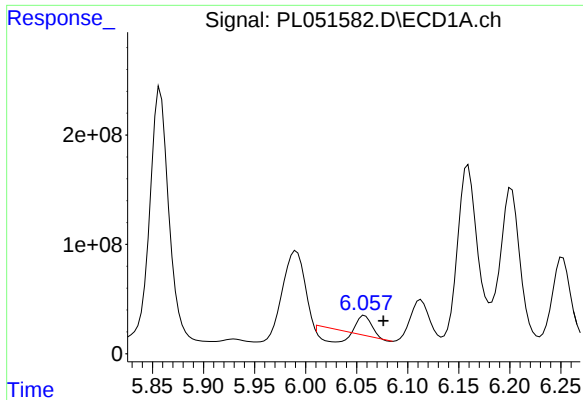
#14 Endrin

R.T.: 5.800 min
Delta R.T.: -0.001 min
Response: 190897251
Conc: 12.97 ng/ml



#14 Endrin

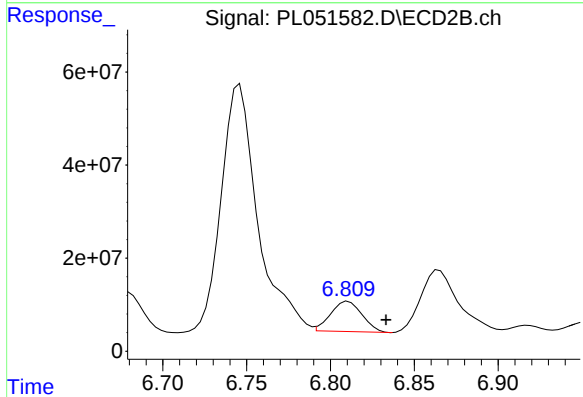
R.T.: 6.610 min
Delta R.T.: -0.011 min
Response: 92440351
Conc: 29.81 ng/ml



#15 Endosulfan II

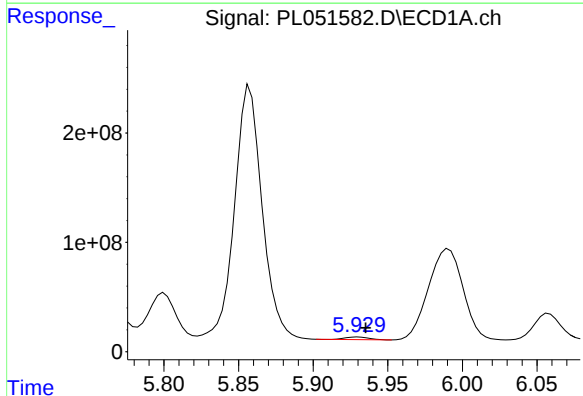
R.T.: 6.058 min
Delta R.T.: -0.018 min
Response: 63500182
Conc: 4.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPOSITE



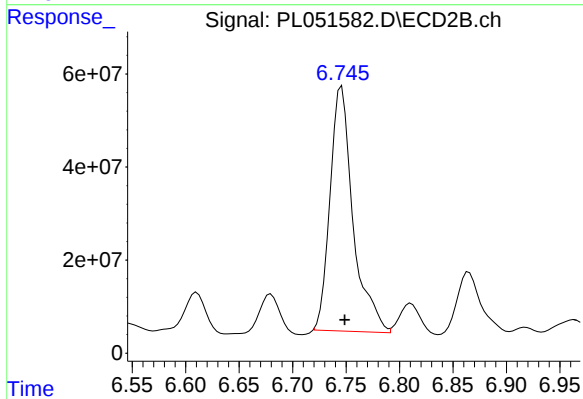
#15 Endosulfan II

R.T.: 6.811 min
Delta R.T.: -0.023 min
Response: 84830009
Conc: 26.68 ng/ml



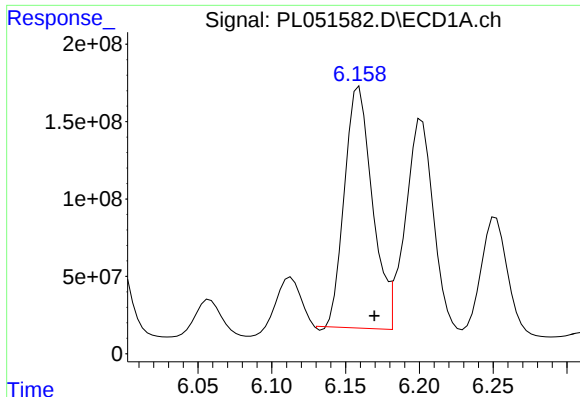
#16 4,4'-DDD

R.T.: 5.930 min
Delta R.T.: -0.005 min
Response: 24690844
Conc: 2.06 ng/ml



#16 4,4'-DDD

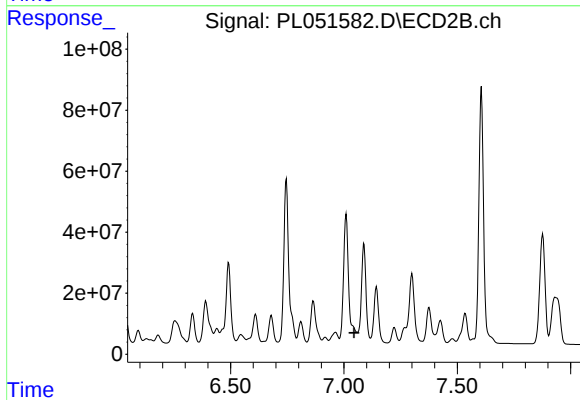
R.T.: 6.746 min
Delta R.T.: -0.003 min
Response: 787105750
Conc: 295.58 ng/ml



#17 4,4'-DDT

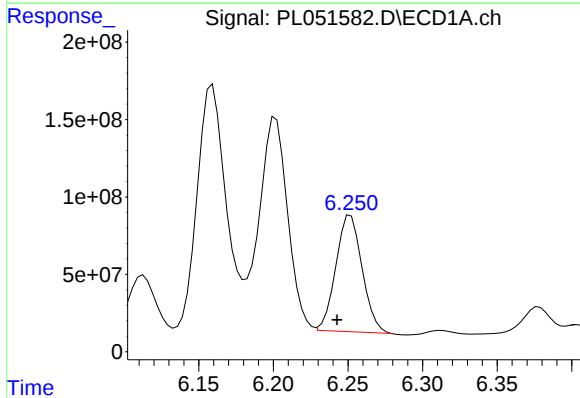
R.T.: 6.159 min
Delta R.T.: -0.010 min
Response: 2046799736
Conc: 165.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPOSITE



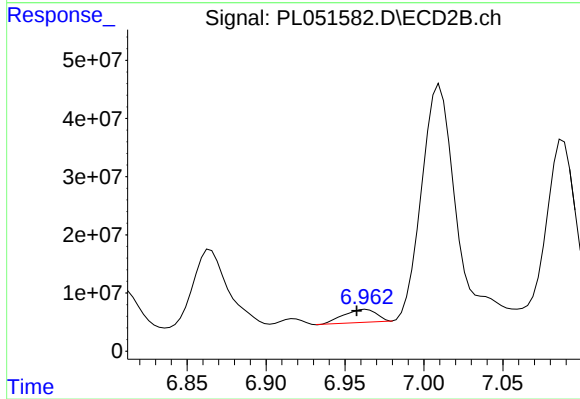
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T. : 7.046 min
Response: 0
Conc: N.D.



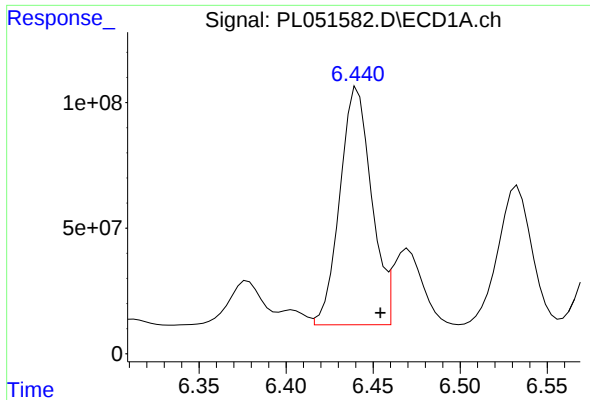
#18 Endrin aldehyde

R.T.: 6.252 min
Delta R.T.: 0.009 min
Response: 919750136
Conc: 79.73 ng/ml



#18 Endrin aldehyde

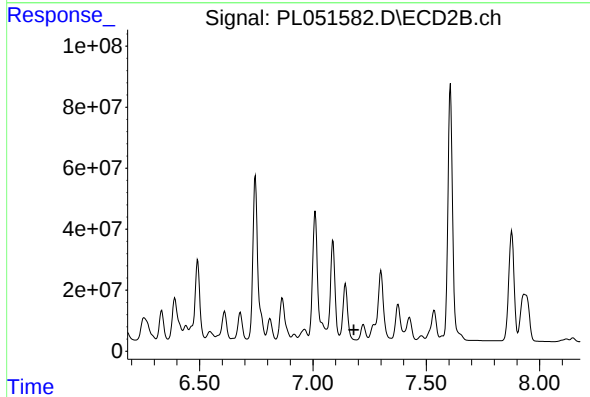
R.T.: 6.963 min
Delta R.T.: 0.006 min
Response: 32245752
Conc: 11.87 ng/ml



#19 Endosulfan Sulfate

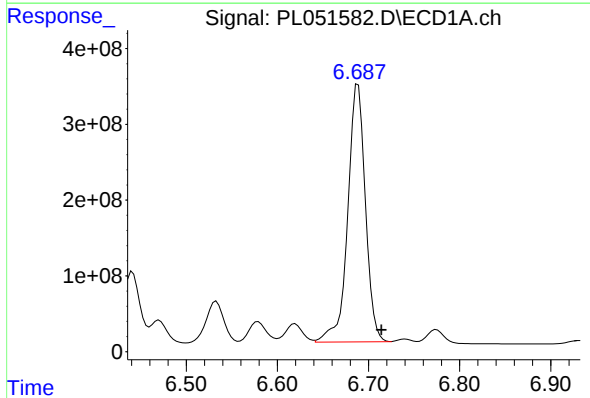
R.T.: 6.441 min
Delta R.T.: -0.013 min
Response: 1195584946
Conc: 93.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPOSITE



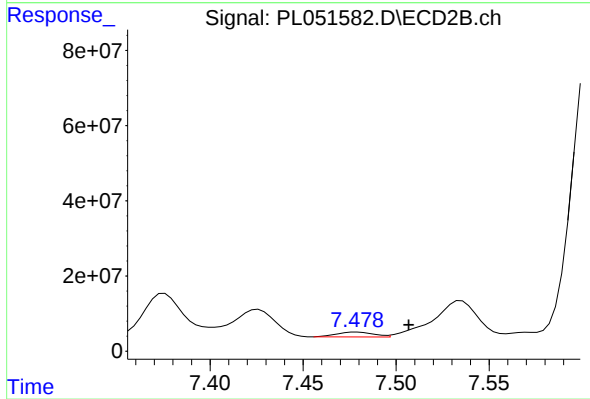
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.180 min
Response: 0
Conc: N.D.



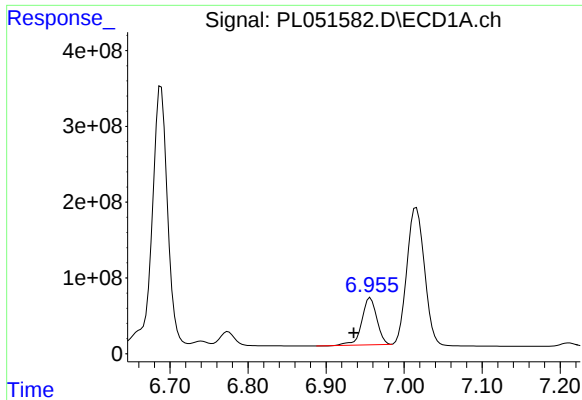
#20 Methoxychlor

R.T.: 6.689 min
Delta R.T.: -0.025 min
Response: 4580664330
Conc: 734.21 ng/ml



#20 Methoxychlor

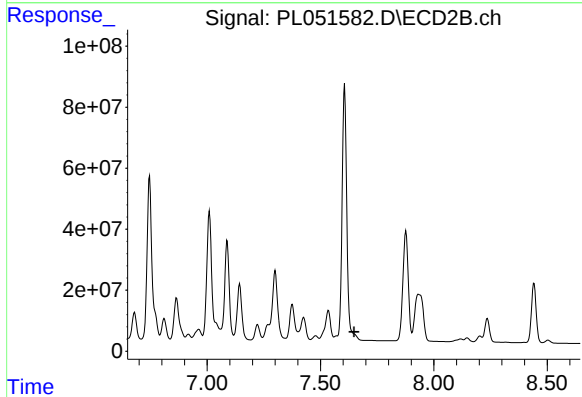
R.T.: 7.479 min
Delta R.T.: -0.028 min
Response: 17472148
Conc: 11.91 ng/ml



#21 Endrin ketone

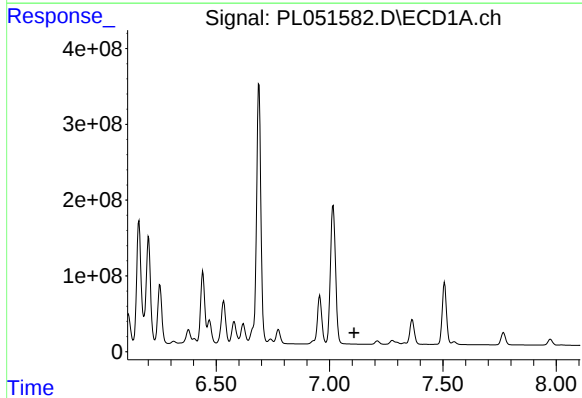
R.T.: 6.957 min
Delta R.T.: 0.021 min
Response: 825271158
Conc: 60.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPOSITE



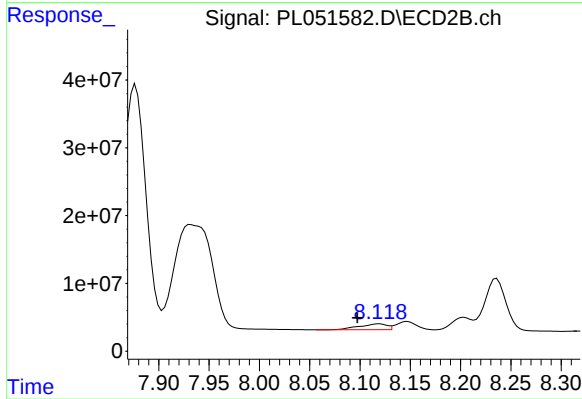
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 7.648 min
Response: 0
Conc: N.D.



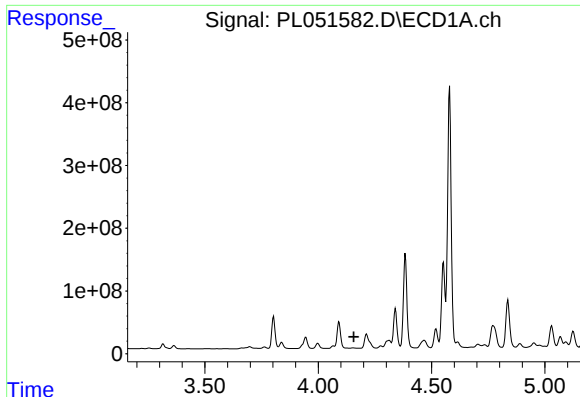
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.109 min
Response: 0
Conc: N.D.



#22 Mirex

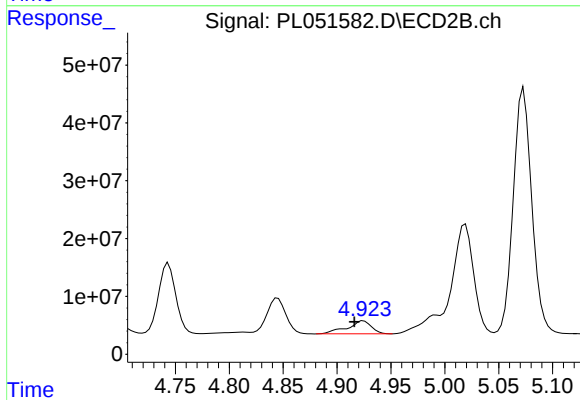
R.T.: 8.119 min
Delta R.T.: 0.022 min
Response: 16268629
Conc: 7.08 ng/ml



#23 Chlordane-1

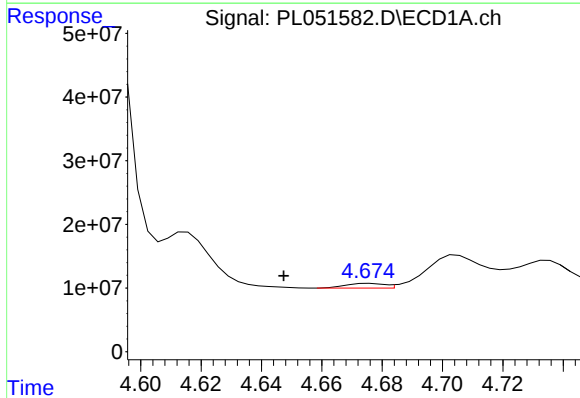
R.T.: 0.000 min
Exp R.T.: 4.157 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPOSITE



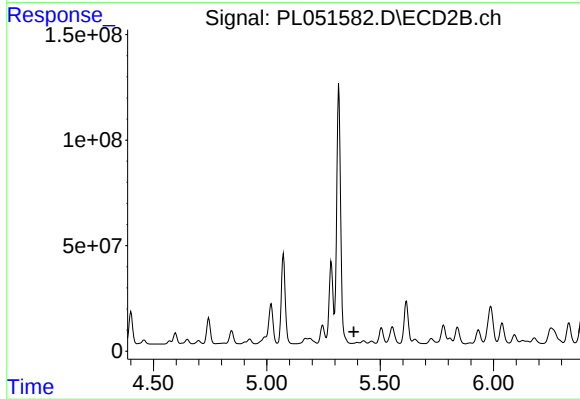
#23 Chlordane-1

R.T.: 4.925 min
Delta R.T.: 0.008 min
Response: 35133868
Conc: 323.85 ng/ml



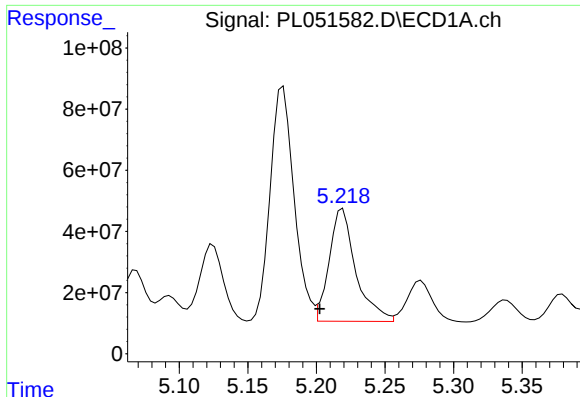
#24 Chlordane-2

R.T.: 4.676 min
Delta R.T.: 0.028 min
Response: 6629636
Conc: 14.81 ng/ml



#24 Chlordane-2

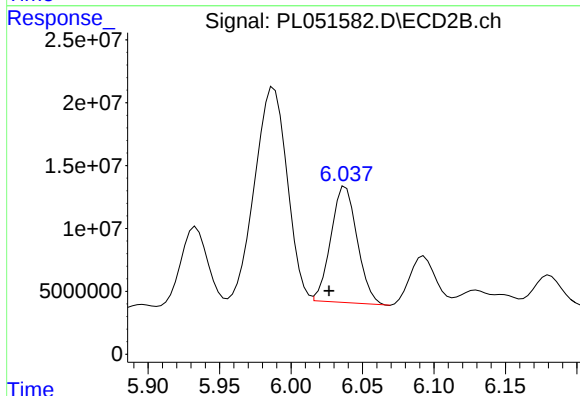
R.T.: 5.400 min
Delta R.T.: 0.017 min
Response: -11425270
Conc: N.D.



#25 Chlordane-3

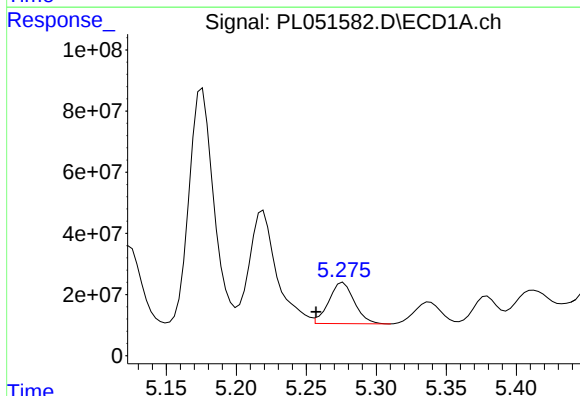
R.T.: 5.219 min
Delta R.T.: 0.017 min
Response: 495897763
Conc: 354.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPOSITE



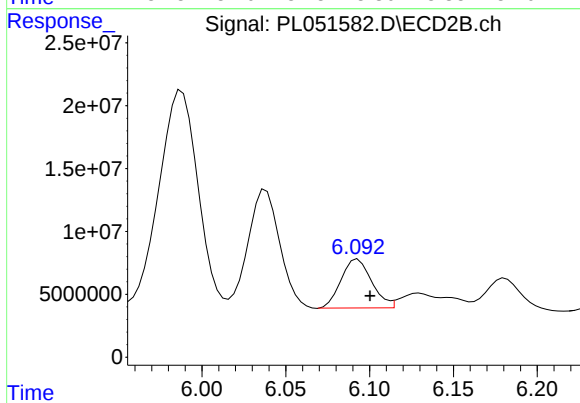
#25 Chlordane-3

R.T.: 6.038 min
Delta R.T.: 0.012 min
Response: 118521067
Conc: 246.42 ng/ml



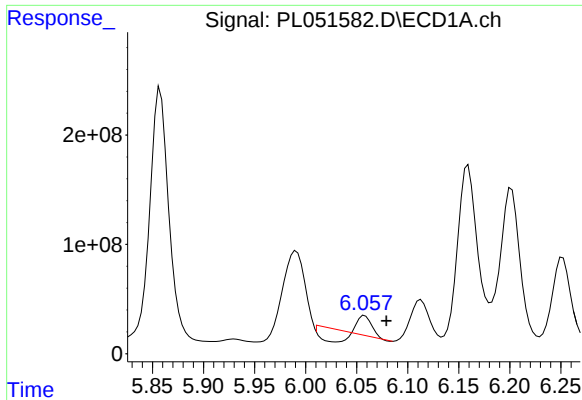
#26 Chlordane-4

R.T.: 5.276 min
Delta R.T.: 0.019 min
Response: 171152312
Conc: 129.76 ng/ml



#26 Chlordane-4

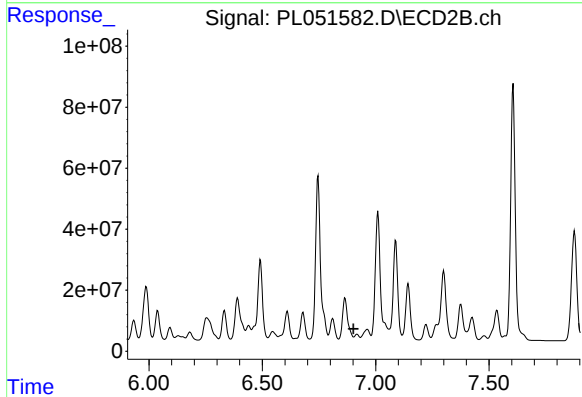
R.T.: 6.093 min
Delta R.T.: -0.007 min
Response: 49479165
Conc: 85.17 ng/ml



#27 Chlordane-5

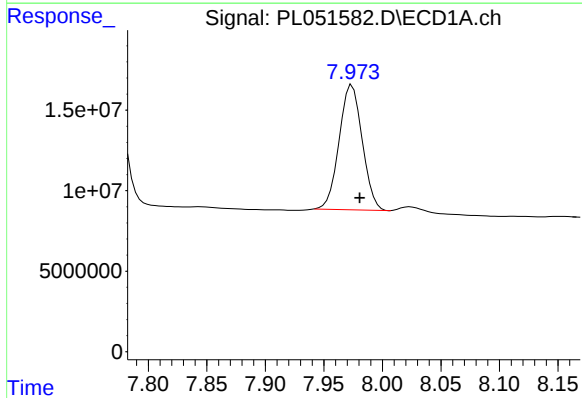
R.T.: 6.058 min
Delta R.T.: -0.021 min
Response: 63500182
Conc: 125.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-COMPOSITE



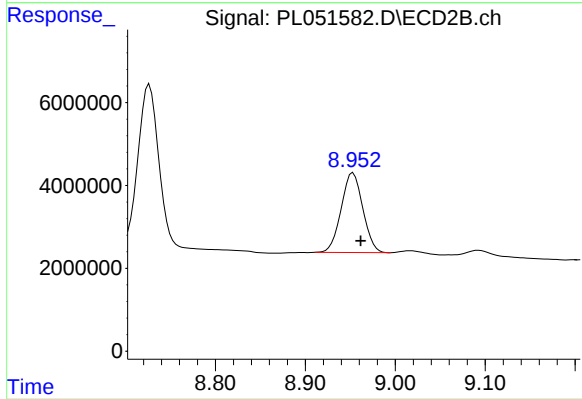
#27 Chlordane-5

R.T.: 6.918 min
Delta R.T.: 0.015 min
Response: -55242464
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.974 min
Delta R.T.: -0.007 min
Response: 106632345
Conc: 10.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.953 min
Delta R.T.: -0.009 min
Response: 32220442
Conc: 11.39 ng/ml