

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101219\
 Data File : PL053265.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Oct 2019 02:24
 Operator : SG\AJ
 Sample : K5324-04MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SOIL-PILEMS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 12 03:12:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092919.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 08:44:08 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...	3.546	4.046	200.6E6	51700771	20.172	19.254
28)	SA Decachlor...	8.336	9.125	198.6E6	56482927	19.829	19.253
Target Compounds							
2)	A alpha-BHC	3.990	4.437	921.0E6	230.1E6	57.742	59.921
3)	MA gamma-BHC...	4.277	4.723	880.0E6	242.2E6	60.422	66.894
4)	MA Heptachlor	4.585	5.233	854.1E6	234.6E6	57.164	61.562
5)	MB Aldrin	4.836	5.538	806.4E6	239.8E6	58.623	69.202
6)	B beta-BHC	4.527	4.893	363.1E6	67570382	58.476	42.989 #
7)	B delta-BHC	4.735	5.110	488.8E6	148.3E6	34.110	40.977
8)	B Heptachlo...	5.282	5.925	784.2E6	218.2E6	60.176	65.114
9)	A Endosulfan I	5.625	6.281	707.2E6	190.2E6	58.275	60.851
10)	B gamma-Chl...	5.512	6.158	825.5E6	203.5E6	61.382	60.142
11)	B alpha-Chl...	5.570	6.231	780.1E6	209.6E6	59.146	62.261
12)	B 4,4'-DDE	5.733	6.386	718.0E6	164.9E6	61.863	50.480
13)	MA Dieldrin	5.870	6.539	771.7E6	205.5E6	59.782	62.991
14)	MA Endrin	6.128	6.756	690.3E6	168.2E6	60.598	60.557
15)	B Endosulfa...	6.401	6.964	629.0E6	164.7E6	54.893	55.527
16)	A 4,4'-DDD	6.251	6.877	500.3E6	156.8E6	55.660	63.930
17)	MA 4,4'-DDT	6.494	7.175	585.7E6	151.5E6	57.354	58.227
18)	B Endrin al...	6.570	7.088	483.6E6	130.5E6	51.500	53.205
19)	B Endosulfa...	6.784	7.311	507.6E6	129.7E6	48.768	47.489
20)	A Methoxychlor	7.040	7.632	259.1E6	89797609	50.226	63.780 #
21)	B Endrin ke...	7.277	7.783	612.3E6	173.8E6	52.538	60.927
22)	Mirex	7.472	8.238	558.6E6	161.3E6	59.153	71.730
23)	Chlordane-1	4.432	0.000	1249212	0	3.595	N.D. #
24)	Chlordane-2	0.000	5.538f	0	239.8E6	N.D.	2142.810 #
25)	Chlordane-3	5.512	6.158	825.5E6	203.5E6	712.414	467.195 #
26)	Chlordane-4	5.570	6.231	780.1E6	209.6E6	817.360	394.666 #
27)	Chlordane-5	6.401f	7.022f	629.0E6	1509064	1594.803	17.108 #

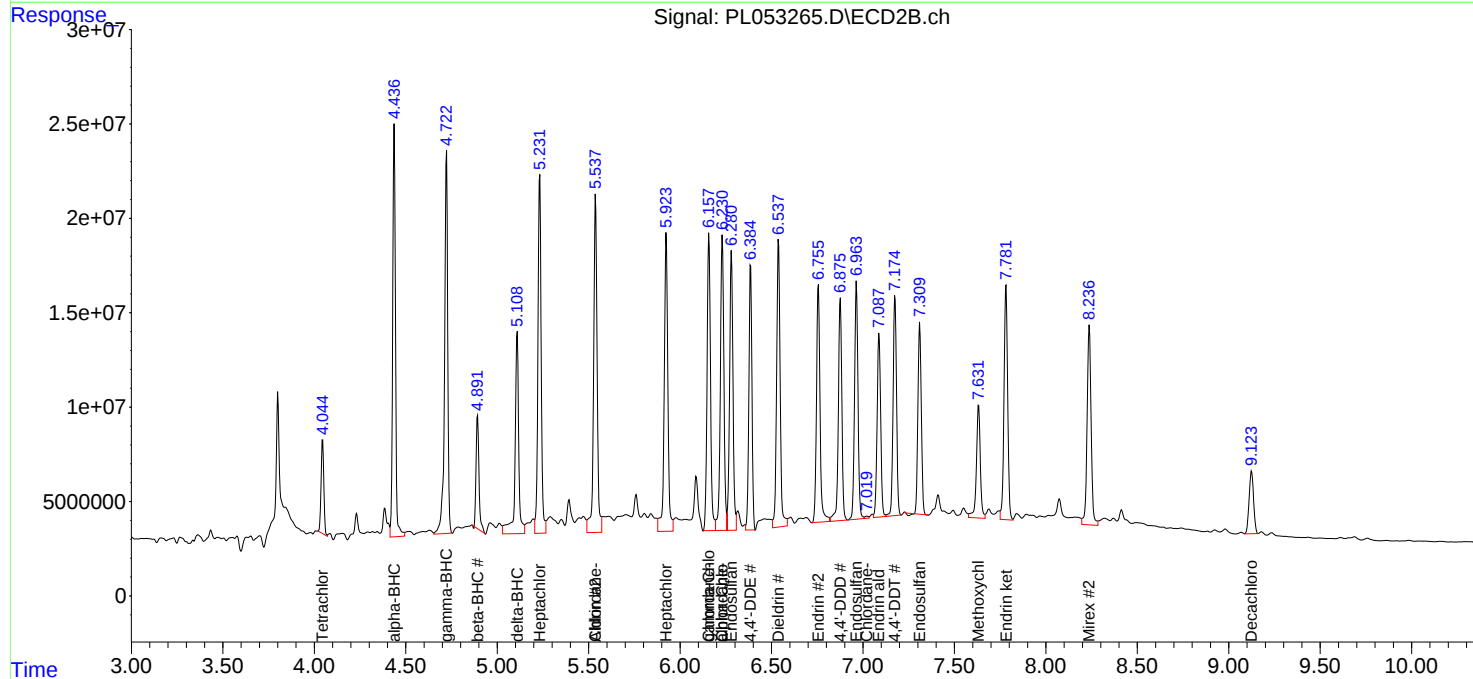
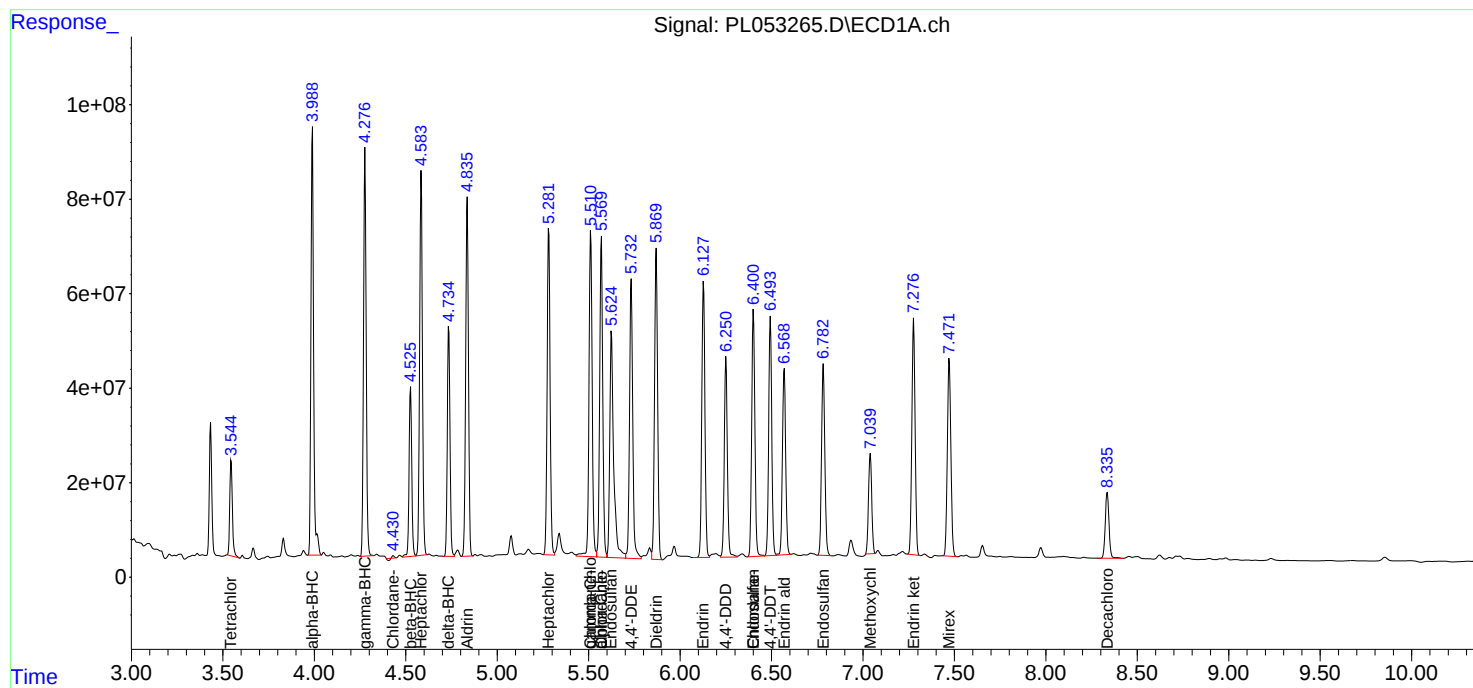
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

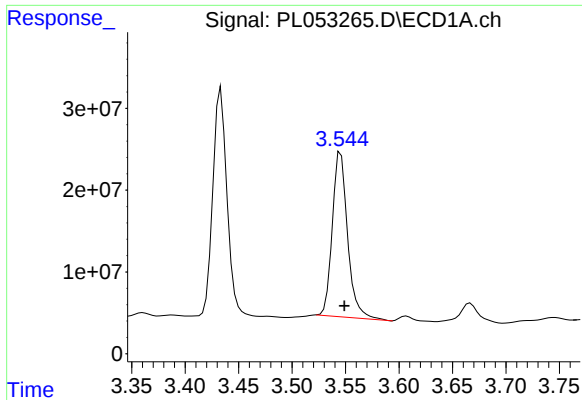
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101219\
Data File : PL053265.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Oct 2019 02:24
Operator : SG\AJ
Sample : K5324-04MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 12 03:12:59 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092919.M
Quant Title : GC Extractables
QLast Update : Mon Sep 30 08:44:08 2019
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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

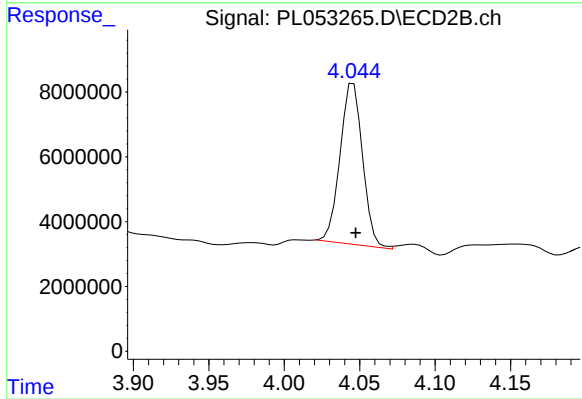




#1 Tetrachloro-m-xylene

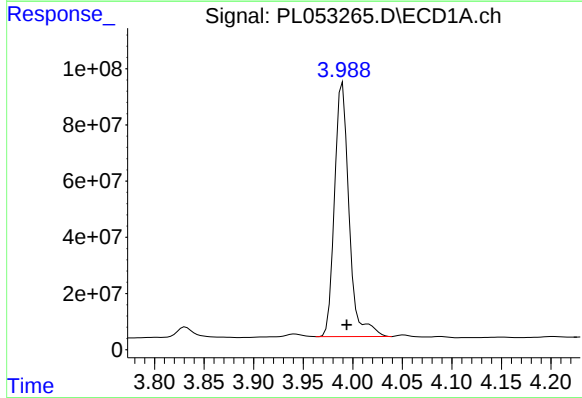
R.T.: 3.546 min
Delta R.T.: -0.003 min
Response: 200643128
Conc: 20.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMS



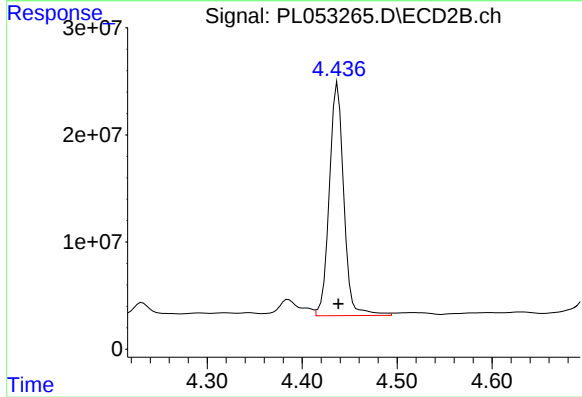
#1 Tetrachloro-m-xylene

R.T.: 4.046 min
Delta R.T.: -0.001 min
Response: 51700771
Conc: 19.25 ng/ml



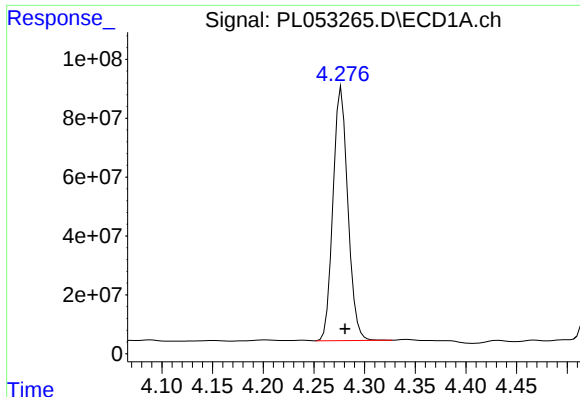
#2 alpha-BHC

R.T.: 3.990 min
Delta R.T.: -0.004 min
Response: 921020813
Conc: 57.74 ng/ml



#2 alpha-BHC

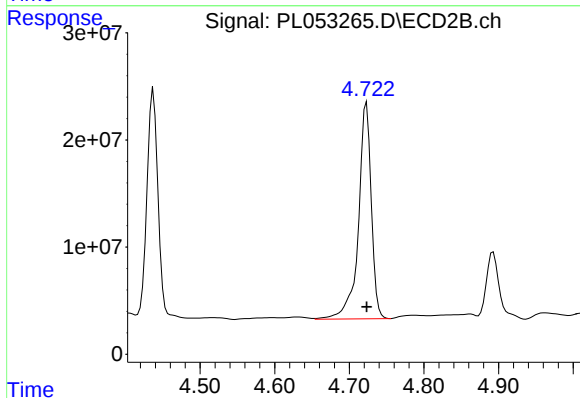
R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 230100416
Conc: 59.92 ng/ml



#3 gamma-BHC (Lindane)

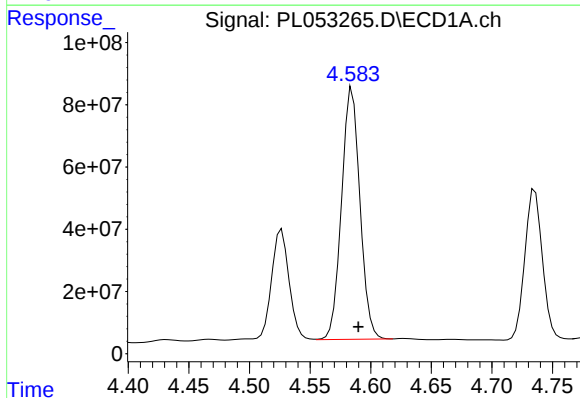
R.T.: 4.277 min
Delta R.T.: -0.004 min
Response: 880026860
Conc: 60.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMS



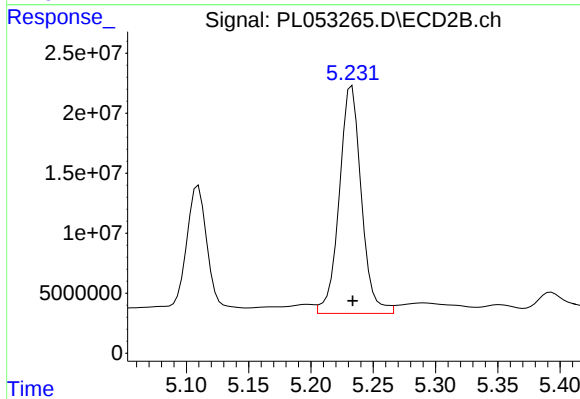
#3 gamma-BHC (Lindane)

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 242234658
Conc: 66.89 ng/ml



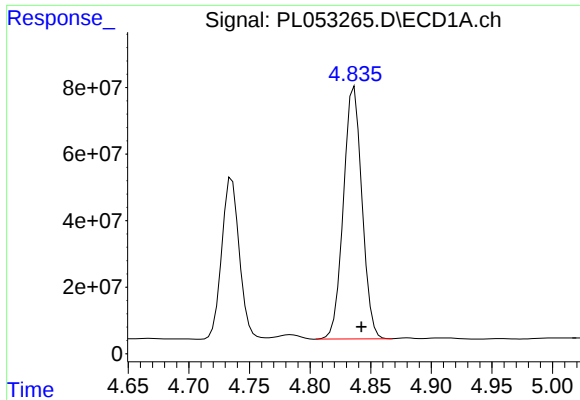
#4 Heptachlor

R.T.: 4.585 min
Delta R.T.: -0.005 min
Response: 854149573
Conc: 57.16 ng/ml



#4 Heptachlor

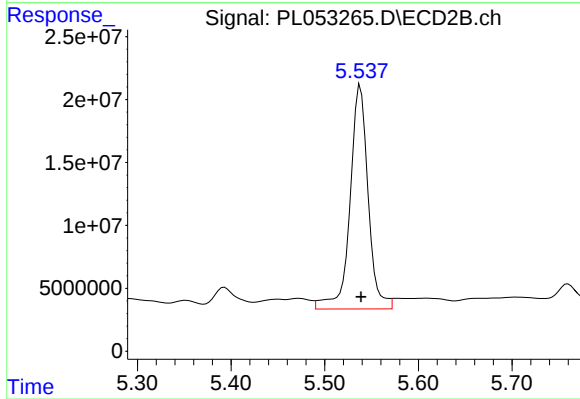
R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 234594518
Conc: 61.56 ng/ml



#5 Aldrin

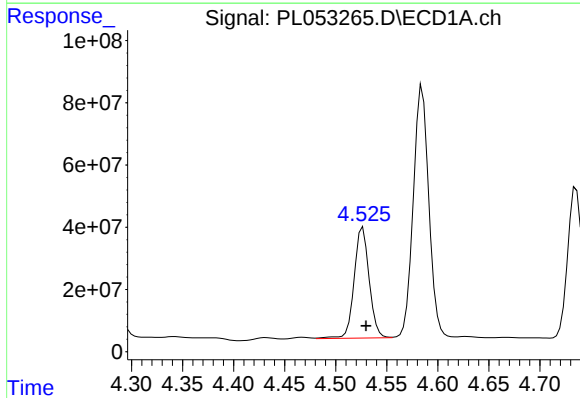
R.T.: 4.836 min
Delta R.T.: -0.006 min
Response: 806369959
Conc: 58.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMS



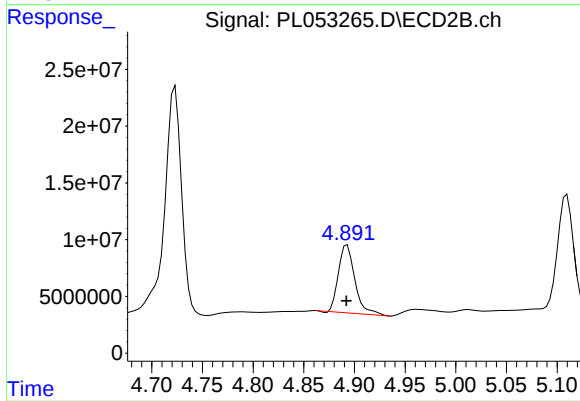
#5 Aldrin

R.T.: 5.538 min
Delta R.T.: 0.000 min
Response: 239828332
Conc: 69.20 ng/ml



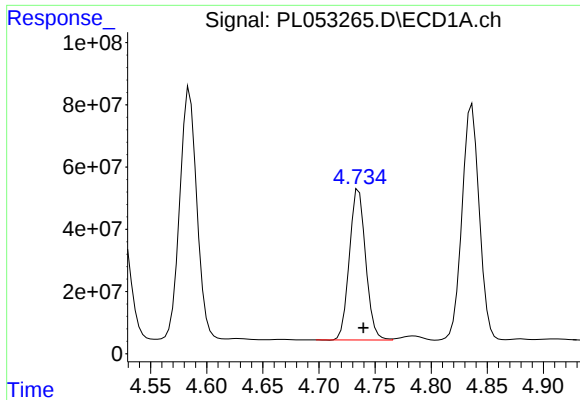
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: -0.003 min
Response: 363053663
Conc: 58.48 ng/ml



#6 beta-BHC

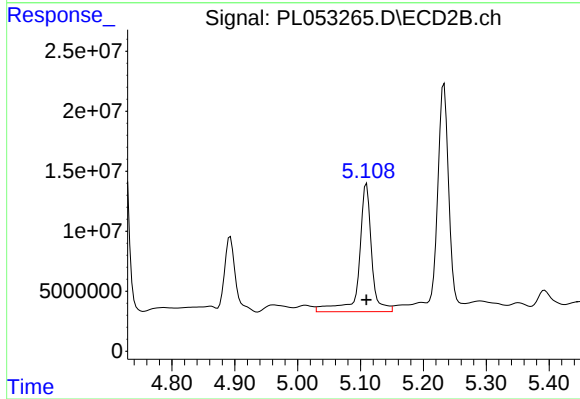
R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 67570382
Conc: 42.99 ng/ml



#7 delta-BHC

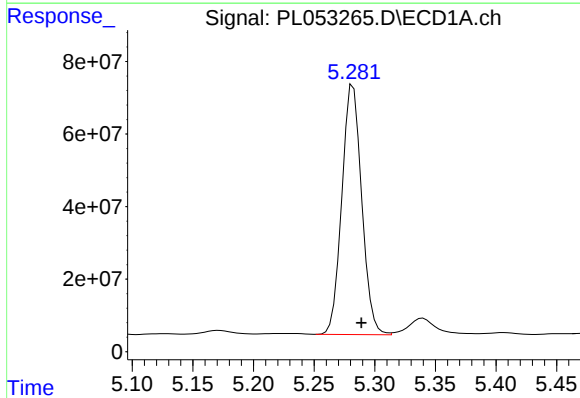
R.T.: 4.735 min
Delta R.T.: -0.004 min
Response: 488775281
Conc: 34.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMS



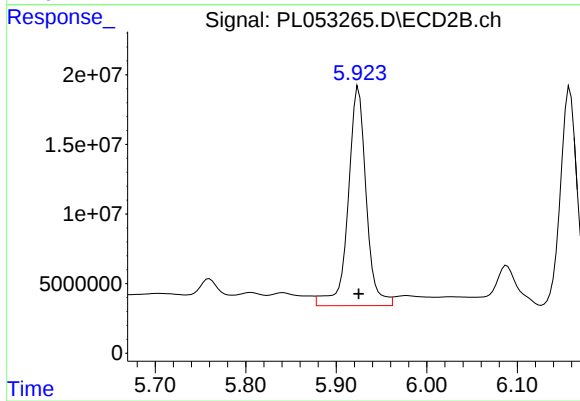
#7 delta-BHC

R.T.: 5.110 min
Delta R.T.: 0.000 min
Response: 148333215
Conc: 40.98 ng/ml



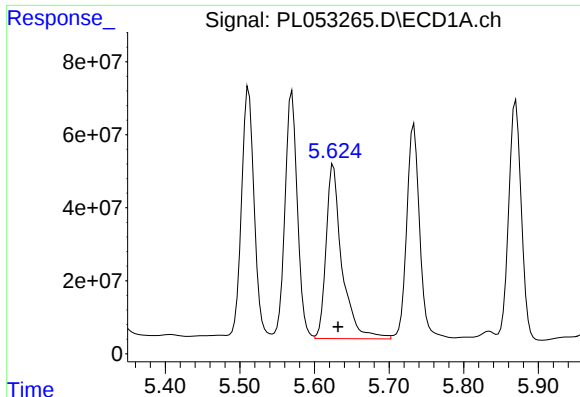
#8 Heptachlor epoxide

R.T.: 5.282 min
Delta R.T.: -0.007 min
Response: 784161785
Conc: 60.18 ng/ml



#8 Heptachlor epoxide

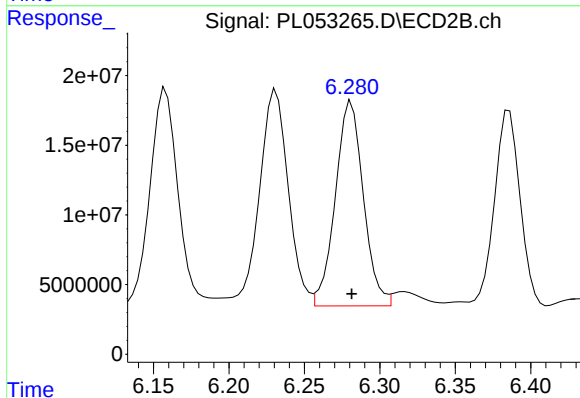
R.T.: 5.925 min
Delta R.T.: 0.000 min
Response: 218231270
Conc: 65.11 ng/ml



#9 Endosulfan I

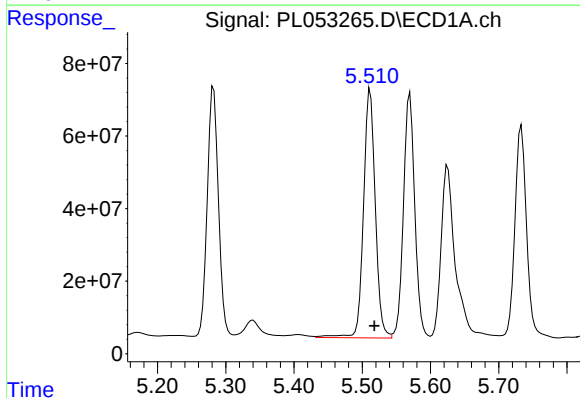
R.T.: 5.625 min
Delta R.T.: -0.006 min
Response: 707209055
Conc: 58.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMS



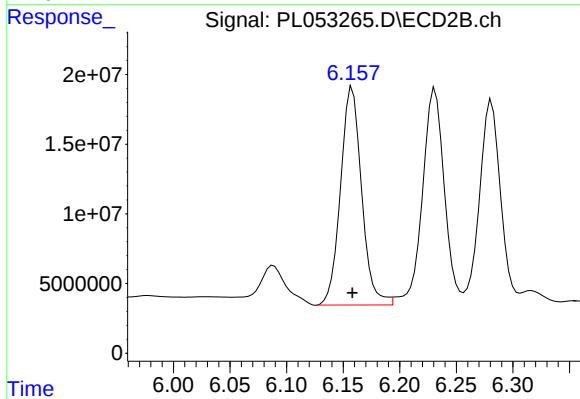
#9 Endosulfan I

R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 190200962
Conc: 60.85 ng/ml



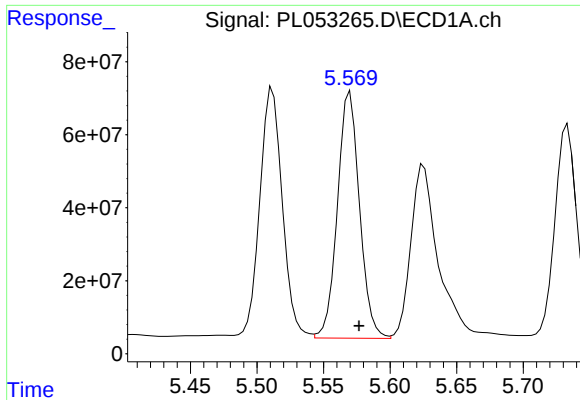
#10 gamma-Chlordane

R.T.: 5.512 min
Delta R.T.: -0.006 min
Response: 825472990
Conc: 61.38 ng/ml



#10 gamma-Chlordane

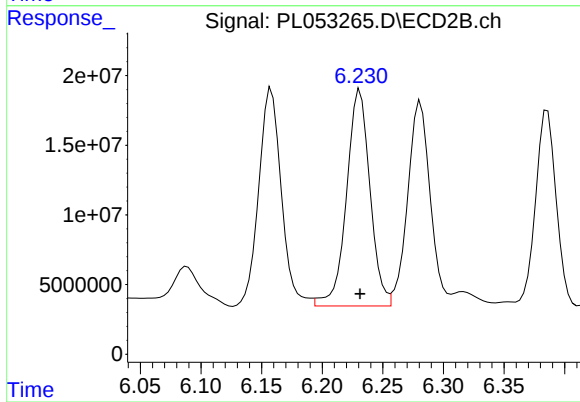
R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 203467930
Conc: 60.14 ng/ml



#11 alpha-Chlordane

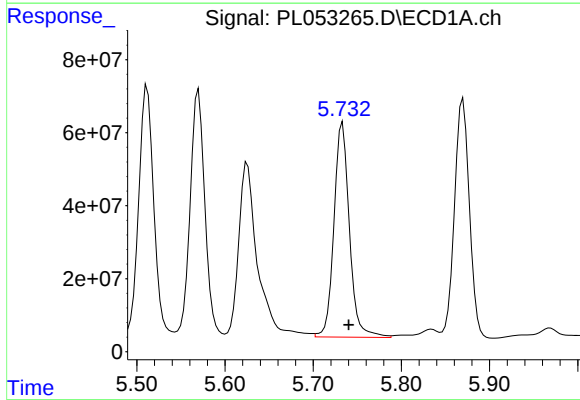
R.T.: 5.570 min
Delta R.T.: -0.007 min
Response: 780097345
Conc: 59.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMS



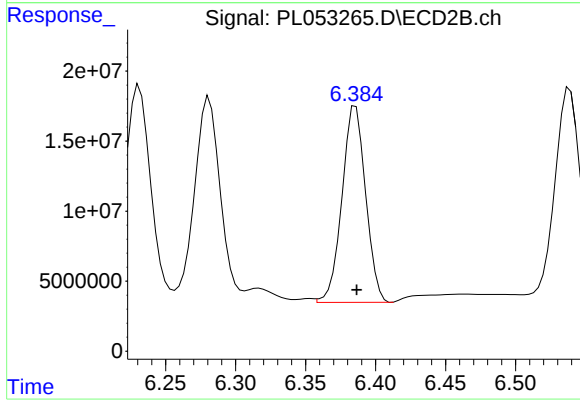
#11 alpha-Chlordane

R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 209566440
Conc: 62.26 ng/ml



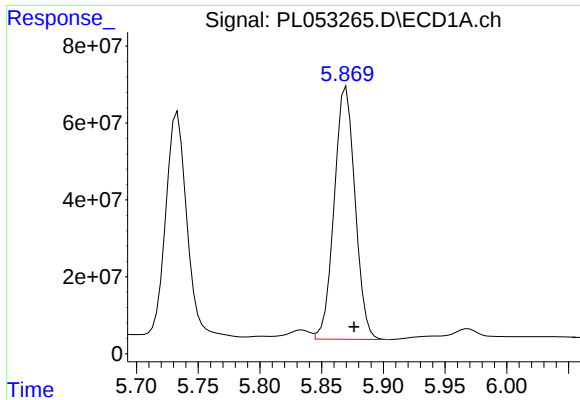
#12 4,4'-DDE

R.T.: 5.733 min
Delta R.T.: -0.007 min
Response: 718010413
Conc: 61.86 ng/ml



#12 4,4'-DDE

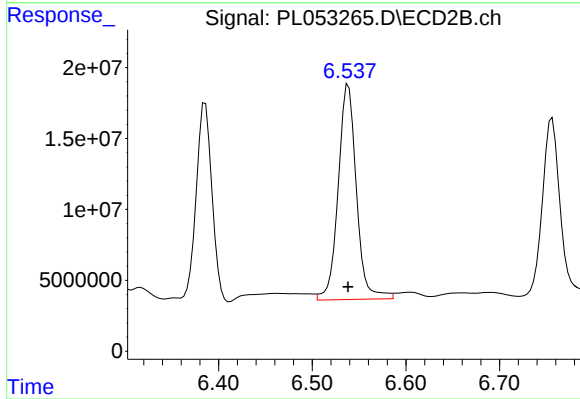
R.T.: 6.386 min
Delta R.T.: 0.000 min
Response: 164875194
Conc: 50.48 ng/ml



#13 Dieldrin

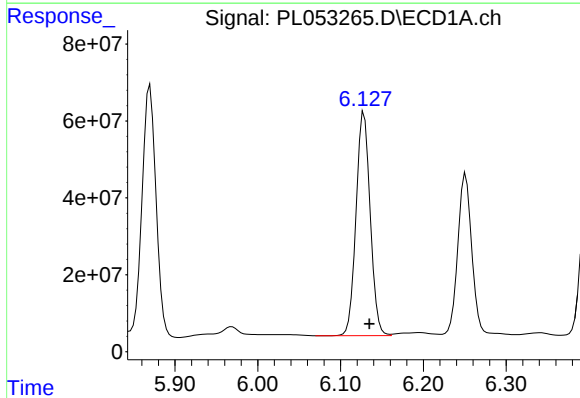
R.T.: 5.870 min
Delta R.T.: -0.006 min
Response: 771679010
Conc: 59.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMS



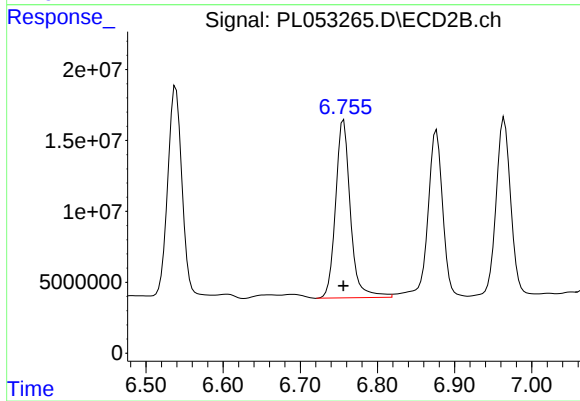
#13 Dieldrin

R.T.: 6.539 min
Delta R.T.: 0.000 min
Response: 205475712
Conc: 62.99 ng/ml



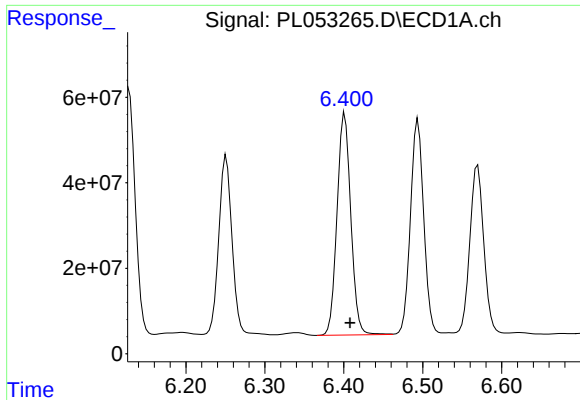
#14 Endrin

R.T.: 6.128 min
Delta R.T.: -0.006 min
Response: 690260531
Conc: 60.60 ng/ml



#14 Endrin

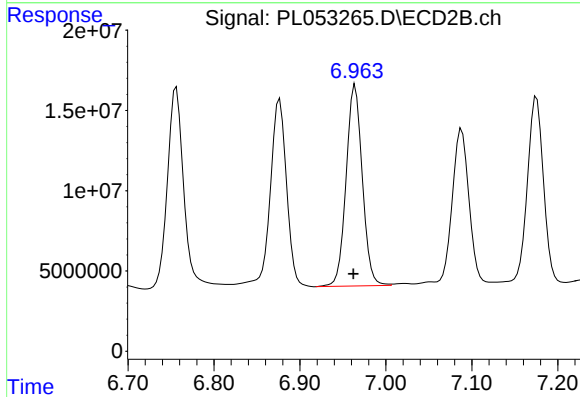
R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 168158751
Conc: 60.56 ng/ml



#15 Endosulfan II

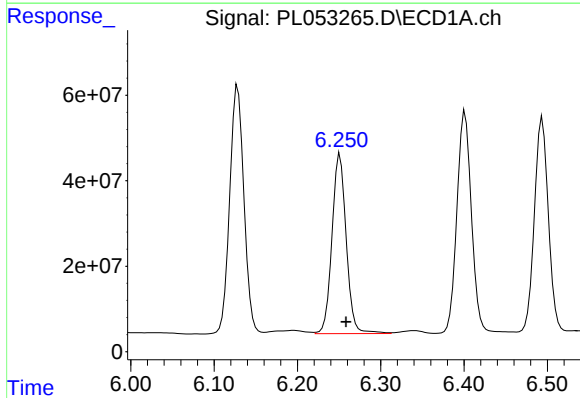
R.T.: 6.401 min
Delta R.T.: -0.007 min
Response: 629045093
Conc: 54.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMS



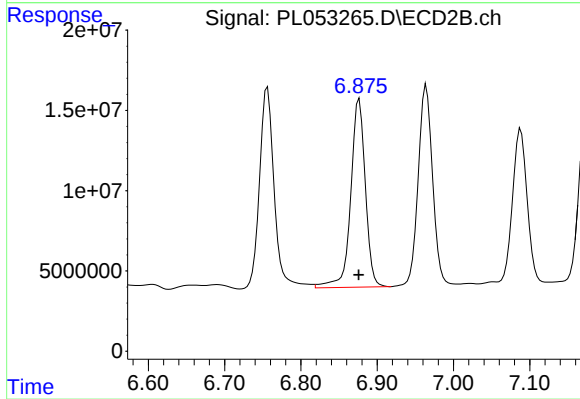
#15 Endosulfan II

R.T.: 6.964 min
Delta R.T.: 0.002 min
Response: 164747835
Conc: 55.53 ng/ml



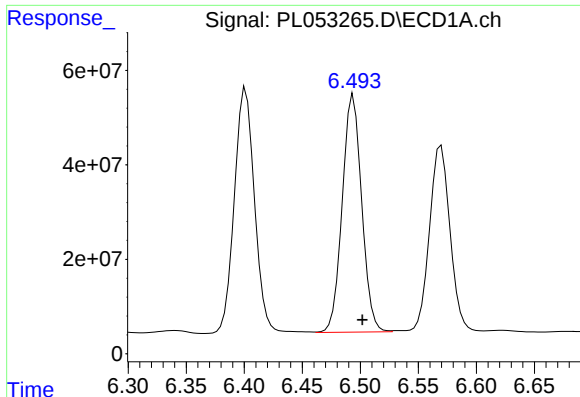
#16 4,4'-DDD

R.T.: 6.251 min
Delta R.T.: -0.007 min
Response: 500293558
Conc: 55.66 ng/ml



#16 4,4'-DDD

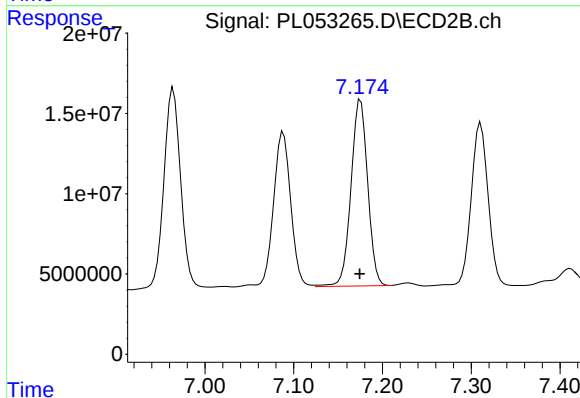
R.T.: 6.877 min
Delta R.T.: 0.000 min
Response: 156791575
Conc: 63.93 ng/ml



#17 4,4'-DDT

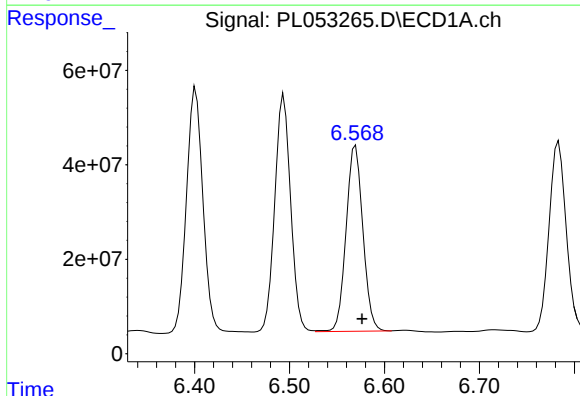
R.T.: 6.494 min
Delta R.T.: -0.008 min
Response: 585723803
Conc: 57.35 ng/ml

Instrument :
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ClientSampleId :
SOIL-PILEMS



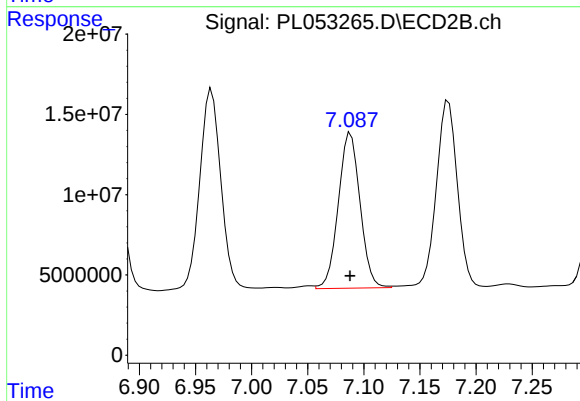
#17 4,4'-DDT

R.T.: 7.175 min
Delta R.T.: 0.001 min
Response: 151537913
Conc: 58.23 ng/ml



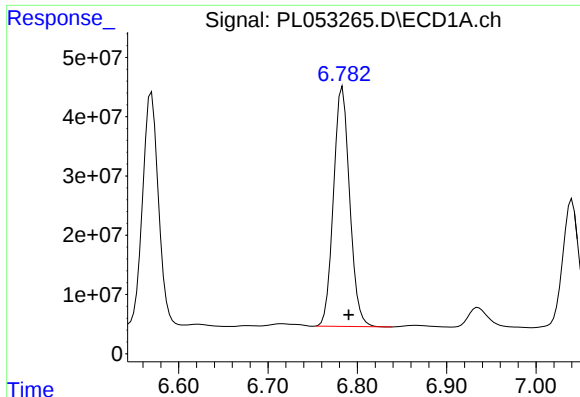
#18 Endrin aldehyde

R.T.: 6.570 min
Delta R.T.: -0.007 min
Response: 483629201
Conc: 51.50 ng/ml



#18 Endrin aldehyde

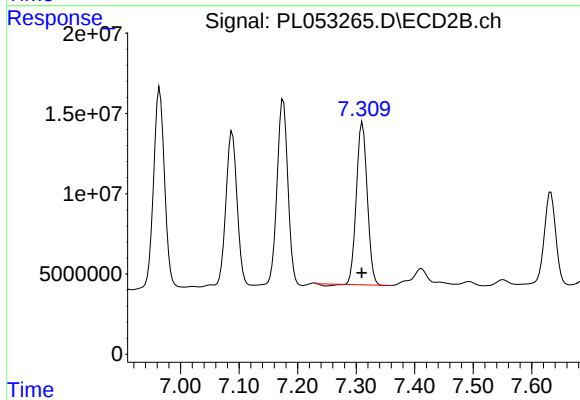
R.T.: 7.088 min
Delta R.T.: 0.000 min
Response: 130494822
Conc: 53.21 ng/ml



#19 Endosulfan Sulfate

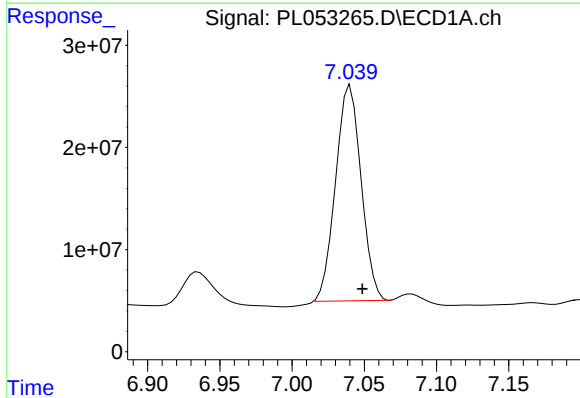
R.T.: 6.784 min
Delta R.T.: -0.007 min
Response: 507626965
Conc: 48.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMS



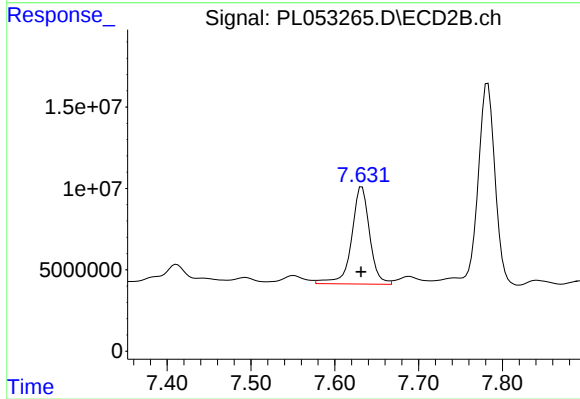
#19 Endosulfan Sulfate

R.T.: 7.311 min
Delta R.T.: 0.001 min
Response: 129663604
Conc: 47.49 ng/ml



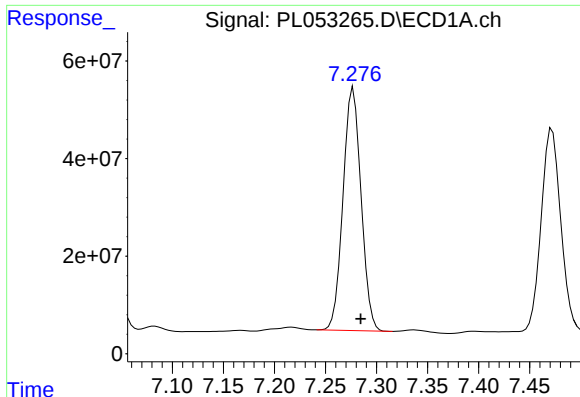
#20 Methoxychlor

R.T.: 7.040 min
Delta R.T.: -0.008 min
Response: 259071380
Conc: 50.23 ng/ml



#20 Methoxychlor

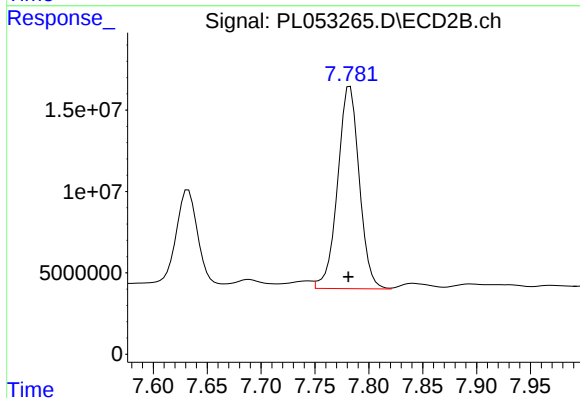
R.T.: 7.632 min
Delta R.T.: 0.001 min
Response: 89797609
Conc: 63.78 ng/ml



#21 Endrin ketone

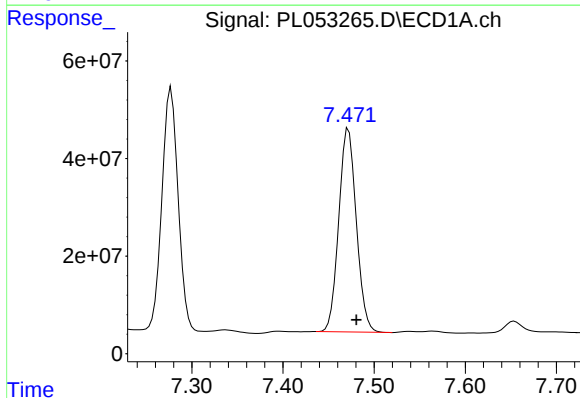
R.T.: 7.277 min
Delta R.T.: -0.007 min
Response: 612325380
Conc: 52.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMS



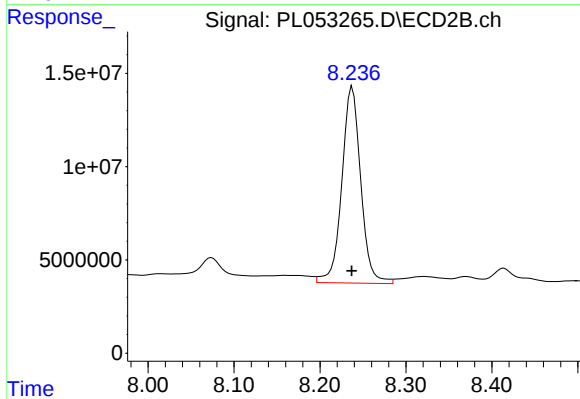
#21 Endrin ketone

R.T.: 7.783 min
Delta R.T.: 0.002 min
Response: 173817631
Conc: 60.93 ng/ml



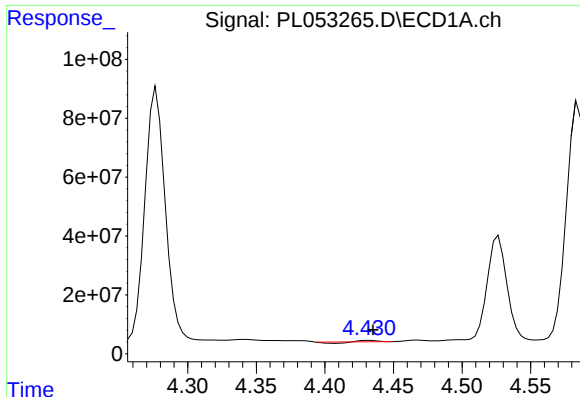
#22 Mirex

R.T.: 7.472 min
Delta R.T.: -0.009 min
Response: 558612819
Conc: 59.15 ng/ml



#22 Mirex

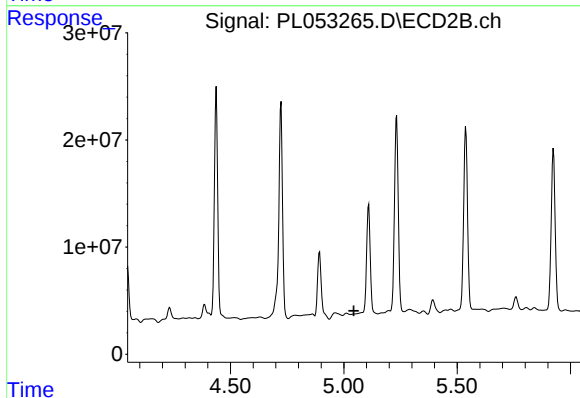
R.T.: 8.238 min
Delta R.T.: 0.000 min
Response: 161339206
Conc: 71.73 ng/ml



#23 Chlordane-1

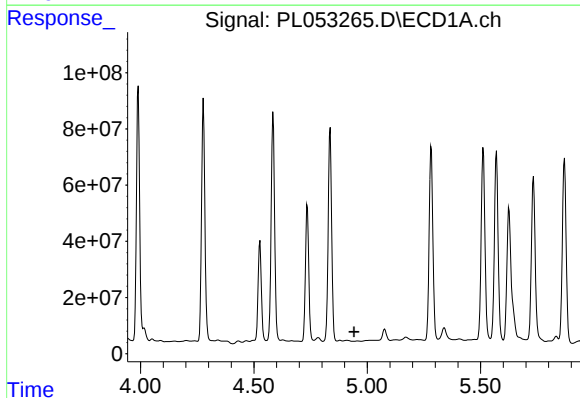
R.T.: 4.432 min
Delta R.T.: -0.004 min
Response: 1249212
Conc: 3.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMS



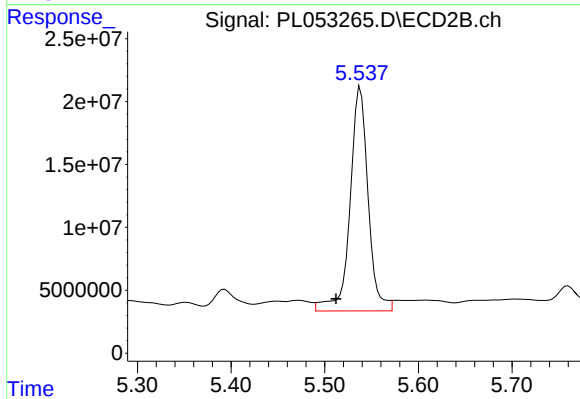
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.044 min
Response: 0
Conc: N.D.



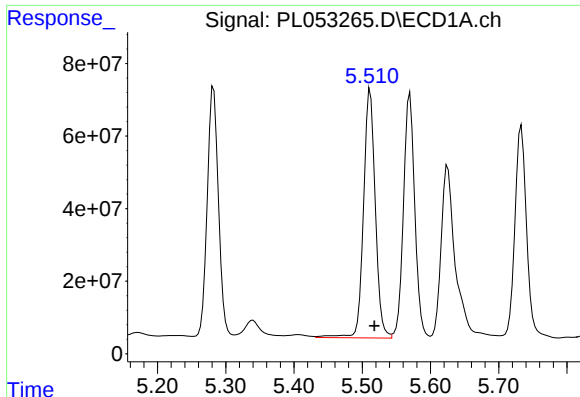
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.942 min
Response: 0
Conc: N.D.



#24 Chlordane-2

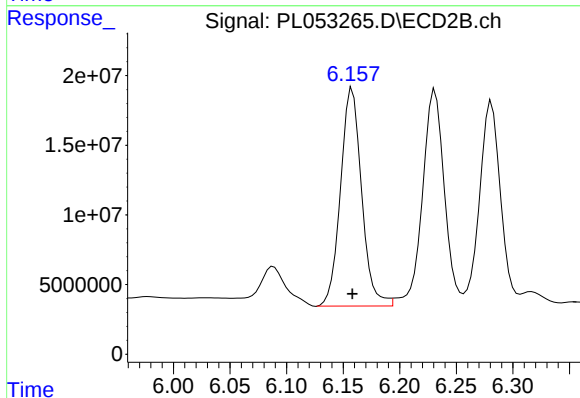
R.T.: 5.538 min
Delta R.T.: 0.026 min
Response: 239828332
Conc: 2142.81 ng/ml



#25 Chlordane-3

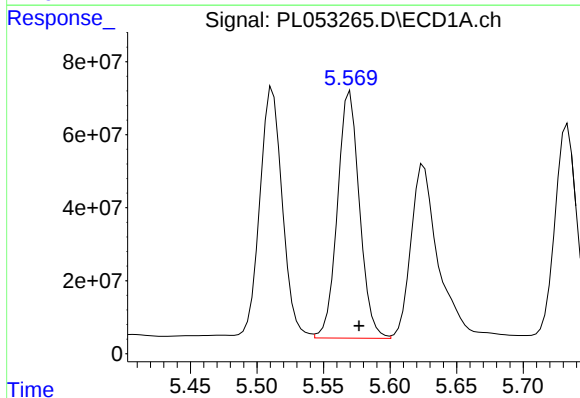
R.T.: 5.512 min
Delta R.T.: -0.006 min
Response: 825472990
Conc: 712.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMS



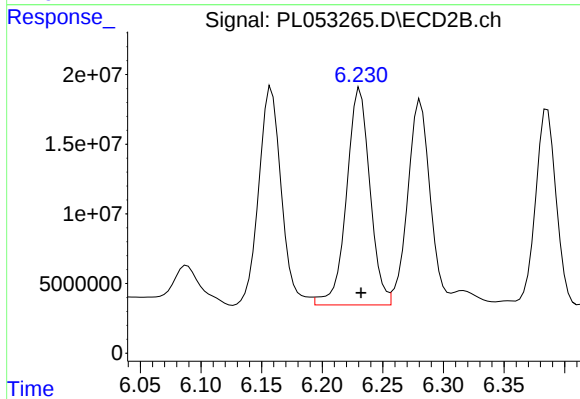
#25 Chlordane-3

R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 203467930
Conc: 467.20 ng/ml



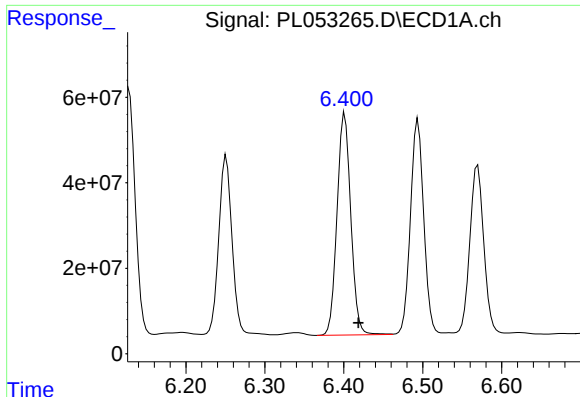
#26 Chlordane-4

R.T.: 5.570 min
Delta R.T.: -0.007 min
Response: 780097345
Conc: 817.36 ng/ml



#26 Chlordane-4

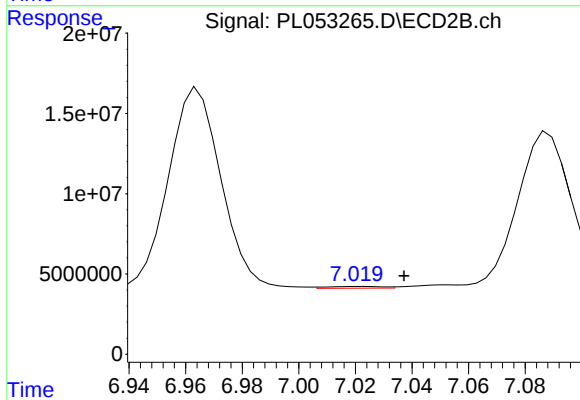
R.T.: 6.231 min
Delta R.T.: -0.001 min
Response: 209566440
Conc: 394.67 ng/ml



#27 Chlordane-5

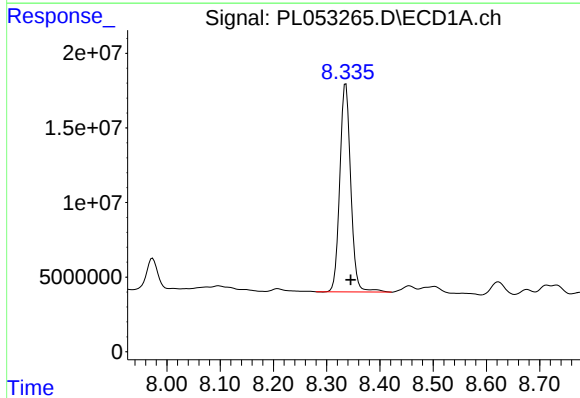
R.T.: 6.401 min
Delta R.T.: -0.017 min
Response: 629045093
Conc: 1594.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
SOIL-PILEMS



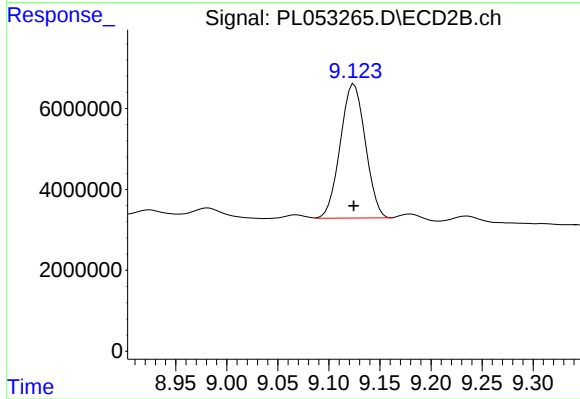
#27 Chlordane-5

R.T.: 7.022 min
Delta R.T.: -0.015 min
Response: 1509064
Conc: 17.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.336 min
Delta R.T.: -0.009 min
Response: 198608494
Conc: 19.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.125 min
Delta R.T.: 0.000 min
Response: 56482927
Conc: 19.25 ng/ml