

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041519\
 Data File : PL047378.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Apr 2019 15:33
 Operator : AJ\SJ
 Sample : K2241-07
 Misc : MDL 1 PPB
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MDL-MDL-SOIL-03-QT2-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 16 01:44:15 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 22 13:40:08 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...	3.358	3.977	159.9E6	49321846	21.976	21.542
28)	SA Decachlor...	8.038	9.035	197.1E6	57240816	23.437	24.689
Target Compounds							
2)	A alpha-BHC	3.787	4.367	16956940	2422973	1.454	0.754 #
3)	MA gamma-BHC...	4.064	4.652	9889563	2218958	0.920	0.741
4)	MA Heptachlor	4.351	5.159	10626738	3649054	0.964	1.186
5)	MB Aldrin	4.591	5.462	8692857	2856071	0.843	0.997
6)	B beta-BHC	4.318	4.829	5315962	186639	1.181	0.141 #
7)	B delta-BHC	4.513	0.000	7657394	0	0.756	N.D. #
8)	B Heptachlor...	5.029	5.847	9328219	2759236	0.956	1.046
9)	A Endosulfan I	5.361	6.205	8814128	2750091	0.937	1.054
10)	B gamma-Chl...	5.252	6.083	9834839	3485373	0.957	1.228 #
11)	B alpha-Chl...	5.308	6.156	9881255	3060625	0.975	1.079
12)	B 4,4'-DDE	5.475	6.314	8009304	2464170	0.870	0.993
13)	MA Dieldrin	5.600	6.463	9075163	2707557	0.904	0.999
14)	MA Endrin	5.854	6.680	8505834	2394788	0.903	1.002
15)	B Endosulfa...	6.129	6.891	8589166	2785680	0.959	1.154
16)	A 4,4'-DDD	5.987	6.804	6286913	1903331	0.832	0.946
17)	MA 4,4'-DDT	6.222	7.102	5271339	1967093	0.696	0.938 #
18)	B Endrin al...	6.296	7.014	7354920	2434465	0.981	1.146
19)	B Endosulfa...	6.508	7.238	8471391	2621231	1.032	1.111
21)	B Endrin ke...	6.991	7.707	8396065	2427453	0.908	0.977
22)	Mirex	7.168	8.160	8809926	2903833	1.209	1.452
24)	Chlordane-2	0.000	5.462f	0	2856071	N.D.	24.451 #
25)	Chlordane-3	5.252	6.083	9834839	3485373	8.831	9.142
26)	Chlordane-4	5.308	6.156	9881255	3060625	9.556	6.633 #
27)	Chlordane-5	6.129	0.000	8589166	0	25.168	N.D. #

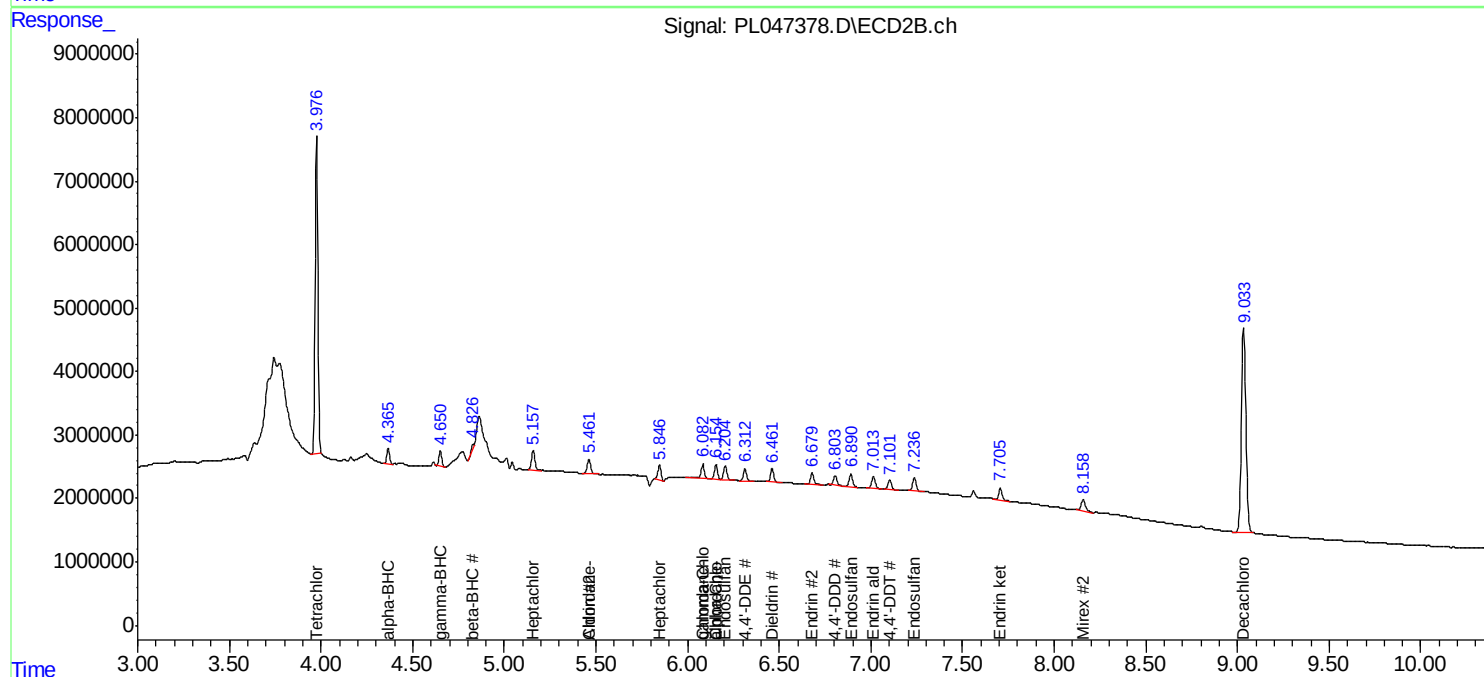
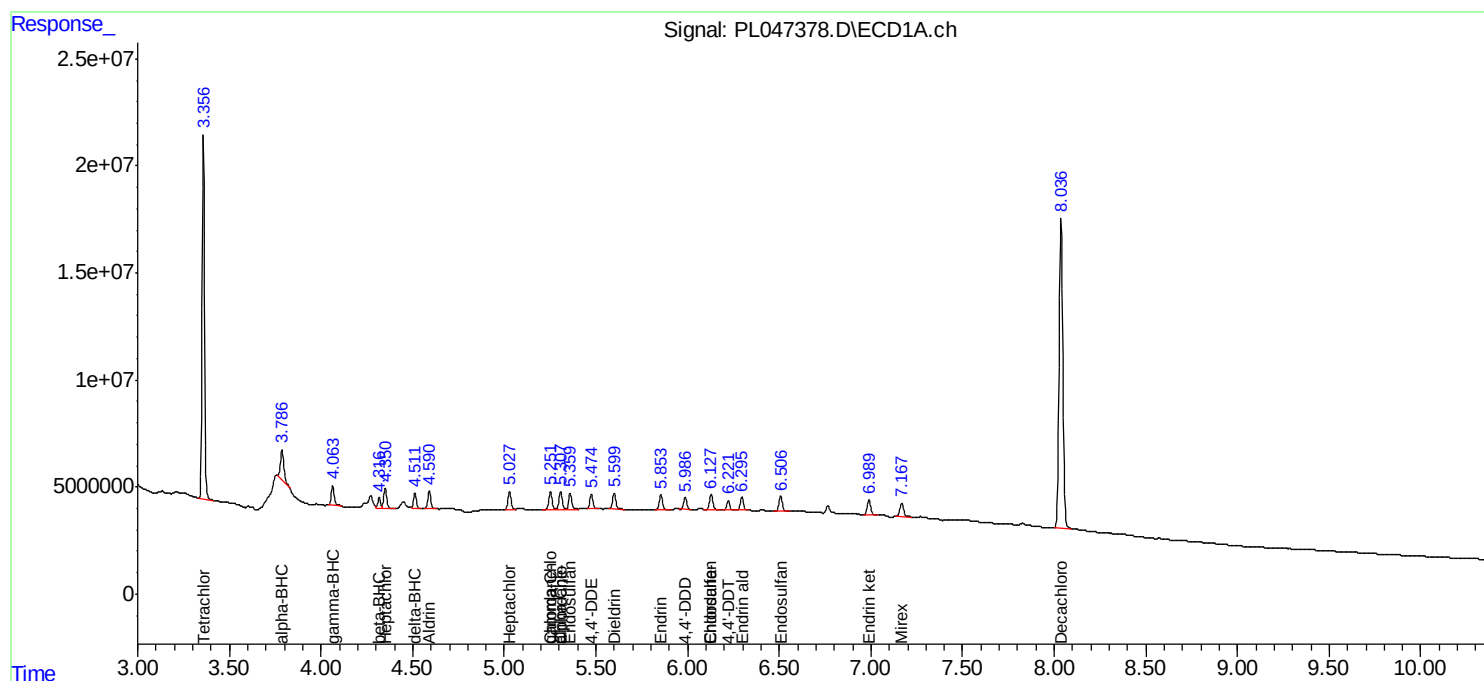
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

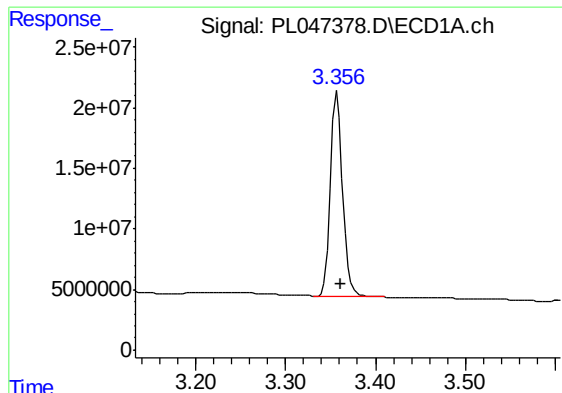
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041519\
Data File : PL047378.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Apr 2019 15:33
Operator : AJ\SJ
Sample : K2241-07
Misc : MDL 1 PPB
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 16 01:44:15 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
Quant Title : GC Extractables
QLast Update : Fri Mar 22 13:40:08 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

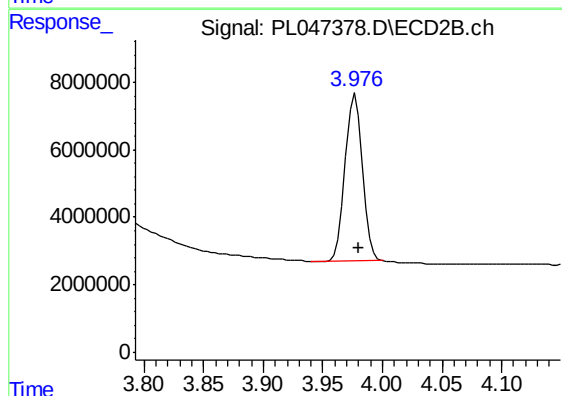




#1 Tetrachloro-m-xylene

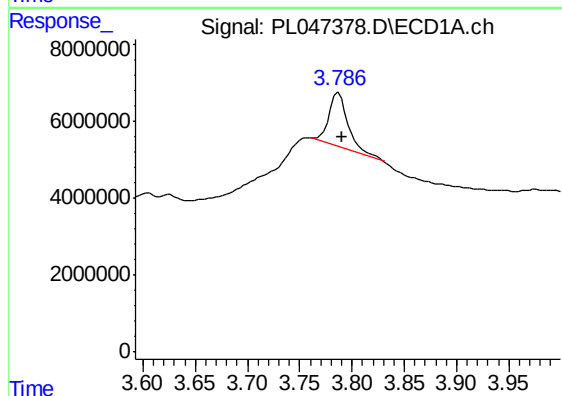
R.T.: 3.358 min
Delta R.T.: -0.003 min
Response: 159867915
Conc: 21.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



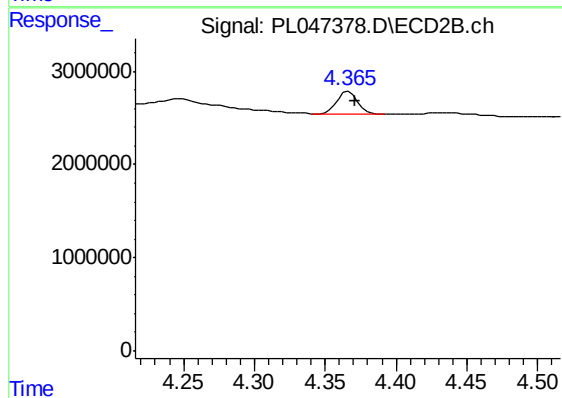
#1 Tetrachloro-m-xylene

R.T.: 3.977 min
Delta R.T.: -0.004 min
Response: 49321846
Conc: 21.54 ng/ml



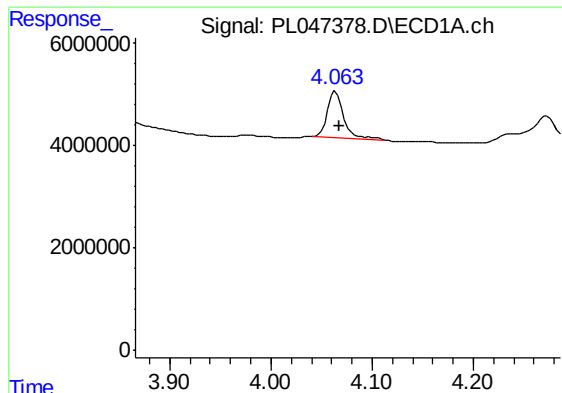
#2 alpha-BHC

R.T.: 3.787 min
Delta R.T.: -0.003 min
Response: 16956940
Conc: 1.45 ng/ml



#2 alpha-BHC

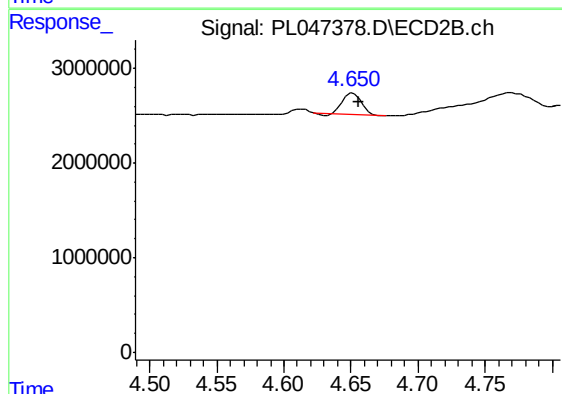
R.T.: 4.367 min
Delta R.T.: -0.004 min
Response: 2422973
Conc: 0.75 ng/ml



#3 gamma-BHC (Lindane)

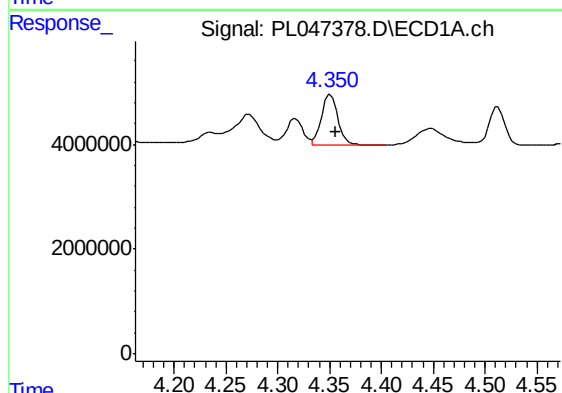
R.T.: 4.064 min
Delta R.T.: -0.004 min
Response: 9889563
Conc: 0.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



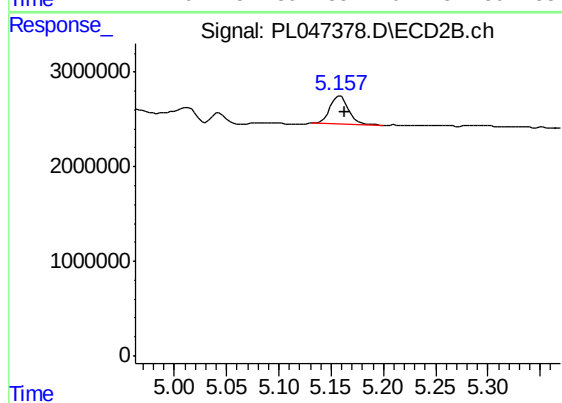
#3 gamma-BHC (Lindane)

R.T.: 4.652 min
Delta R.T.: -0.004 min
Response: 2218958
Conc: 0.74 ng/ml



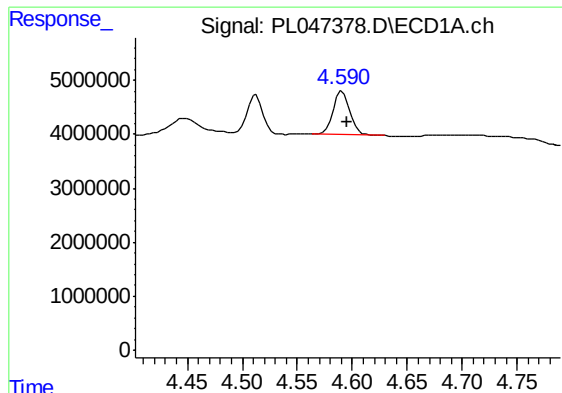
#4 Heptachlor

R.T.: 4.351 min
Delta R.T.: -0.005 min
Response: 10626738
Conc: 0.96 ng/ml



#4 Heptachlor

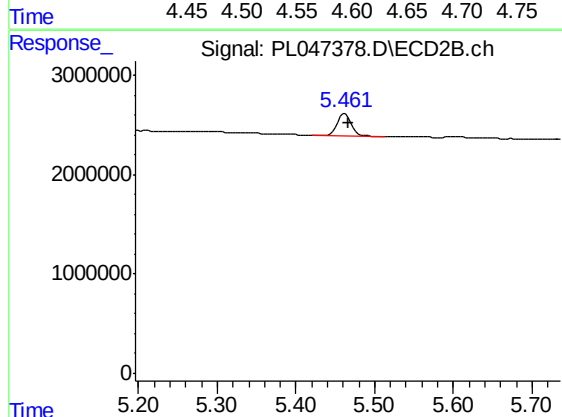
R.T.: 5.159 min
Delta R.T.: -0.004 min
Response: 3649054
Conc: 1.19 ng/ml



#5 Aldrin

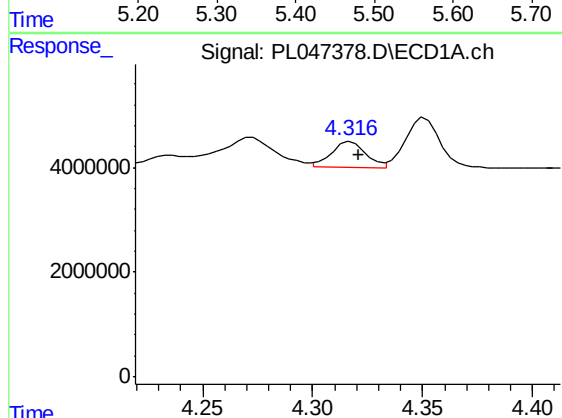
R.T.: 4.591 min
Delta R.T.: -0.005 min
Response: 8692857
Conc: 0.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



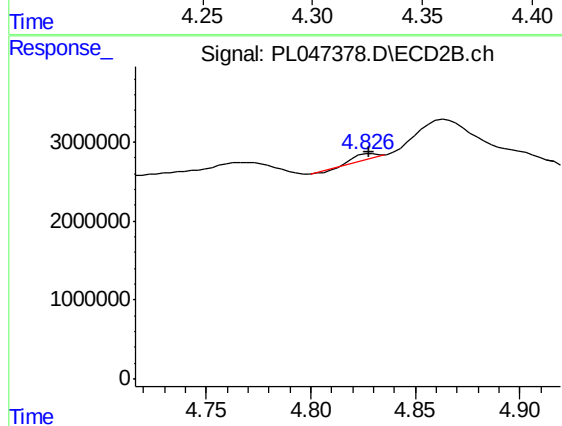
#5 Aldrin

R.T.: 5.462 min
Delta R.T.: -0.004 min
Response: 2856071
Conc: 1.00 ng/ml



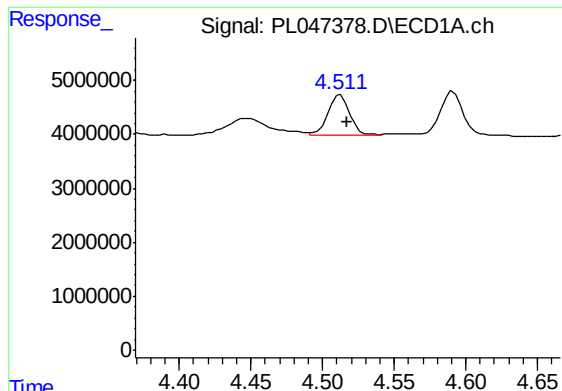
#6 beta-BHC

R.T.: 4.318 min
Delta R.T.: -0.003 min
Response: 5315962
Conc: 1.18 ng/ml



#6 beta-BHC

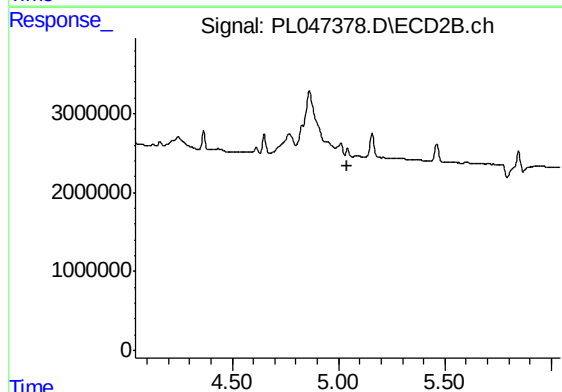
R.T.: 4.829 min
Delta R.T.: 0.001 min
Response: 186639
Conc: 0.14 ng/ml



#7 delta-BHC

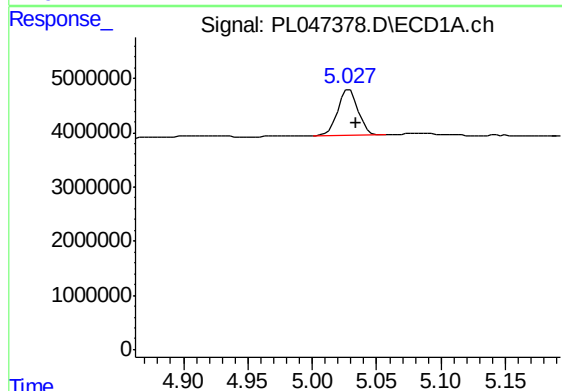
R.T.: 4.513 min
Delta R.T.: -0.004 min
Response: 7657394
Conc: 0.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



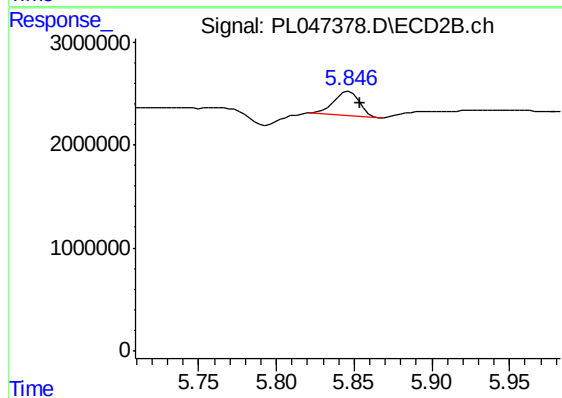
#7 delta-BHC

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



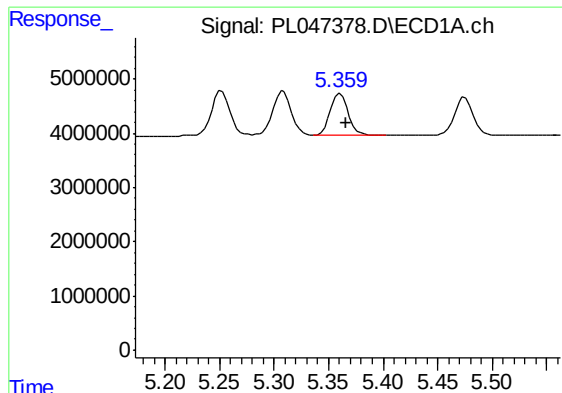
#8 Heptachlor epoxide

R.T.: 5.029 min
Delta R.T.: -0.005 min
Response: 9328219
Conc: 0.96 ng/ml



#8 Heptachlor epoxide

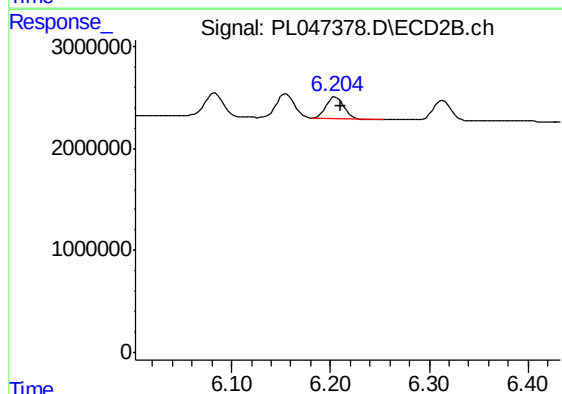
R.T.: 5.847 min
Delta R.T.: -0.007 min
Response: 2759236
Conc: 1.05 ng/ml



#9 Endosulfan I

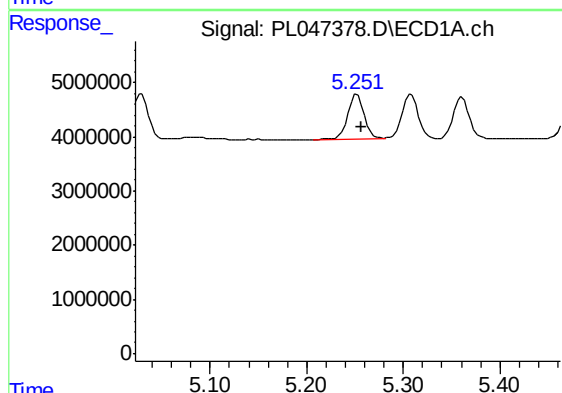
R.T.: 5.361 min
Delta R.T.: -0.006 min
Response: 8814128
Conc: 0.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



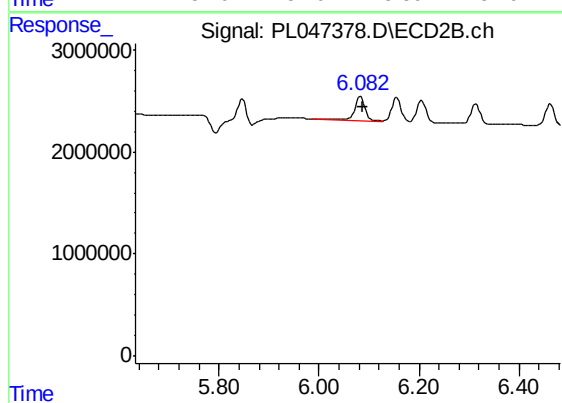
#9 Endosulfan I

R.T.: 6.205 min
Delta R.T.: -0.005 min
Response: 2750091
Conc: 1.05 ng/ml



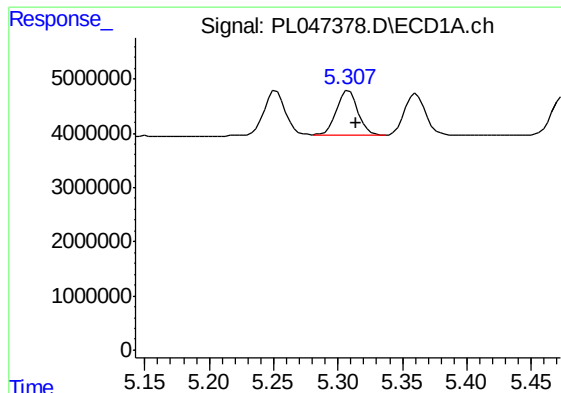
#10 gamma-Chlordane

R.T.: 5.252 min
Delta R.T.: -0.005 min
Response: 9834839
Conc: 0.96 ng/ml



#10 gamma-Chlordane

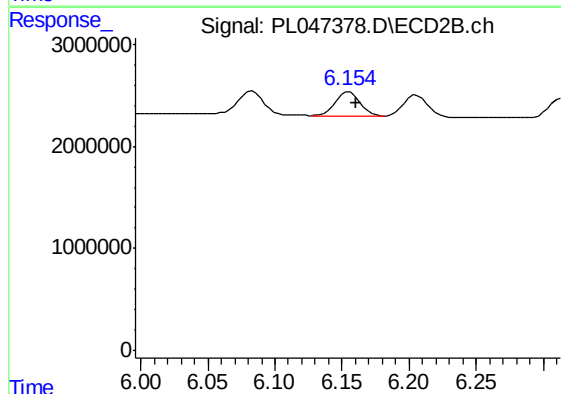
R.T.: 6.083 min
Delta R.T.: -0.004 min
Response: 3485373
Conc: 1.23 ng/ml



#11 alpha-Chlordane

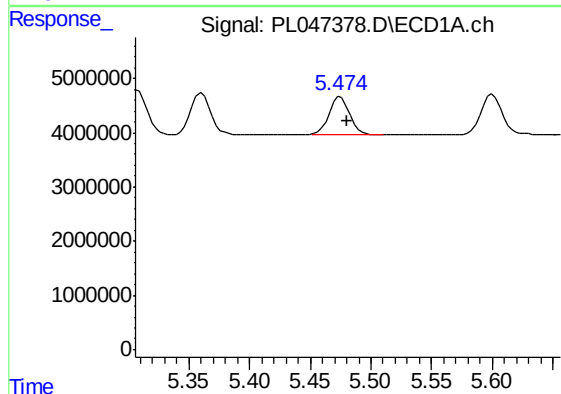
R.T.: 5.308 min
Delta R.T.: -0.006 min
Response: 9881255
Conc: 0.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



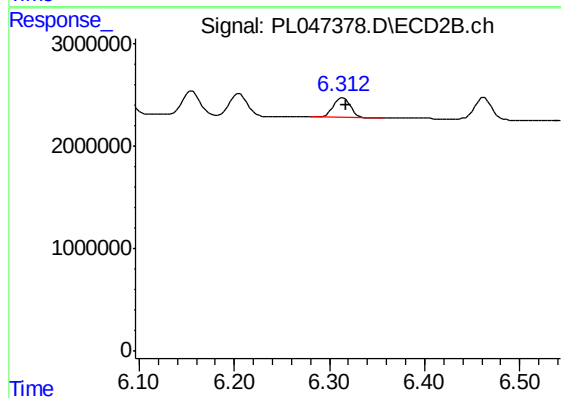
#11 alpha-Chlordane

R.T.: 6.156 min
Delta R.T.: -0.005 min
Response: 3060625
Conc: 1.08 ng/ml



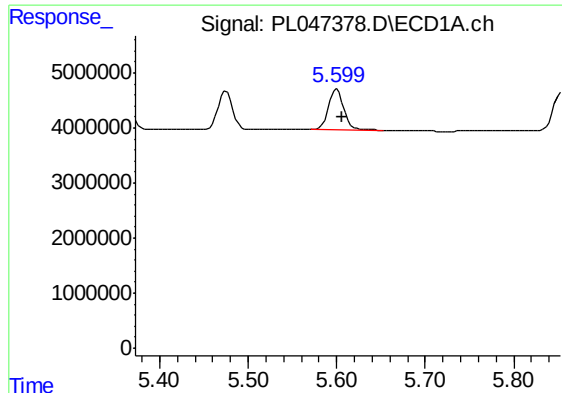
#12 4,4'-DDE

R.T.: 5.475 min
Delta R.T.: -0.006 min
Response: 8009304
Conc: 0.87 ng/ml



#12 4,4'-DDE

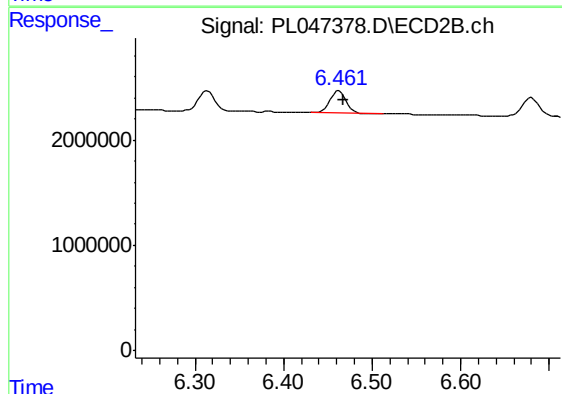
R.T.: 6.314 min
Delta R.T.: -0.004 min
Response: 2464170
Conc: 0.99 ng/ml



#13 Dielddrin

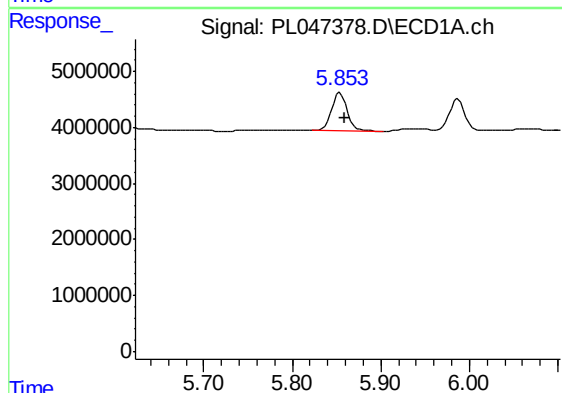
R.T.: 5.600 min
Delta R.T.: -0.006 min
Response: 9075163
Conc: 0.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



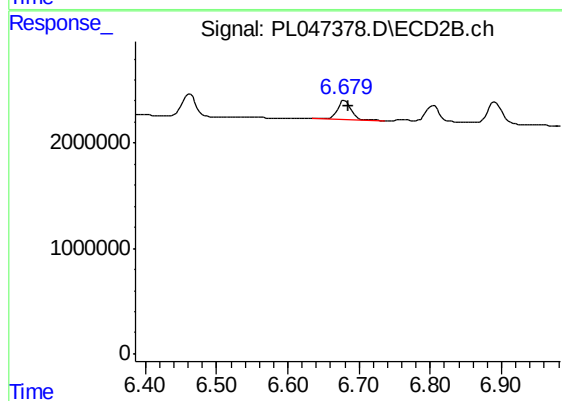
#13 Dielddrin

R.T.: 6.463 min
Delta R.T.: -0.004 min
Response: 2707557
Conc: 1.00 ng/ml



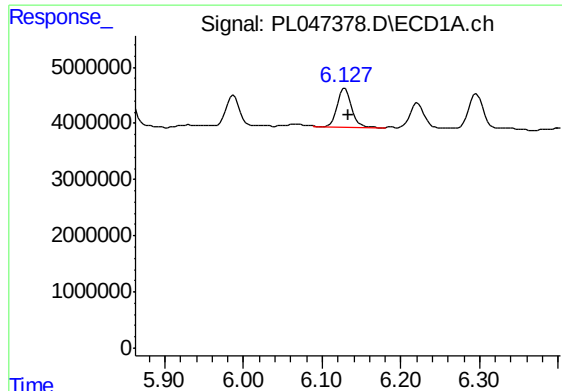
#14 Endrin

R.T.: 5.854 min
Delta R.T.: -0.005 min
Response: 8505834
Conc: 0.90 ng/ml



#14 Endrin

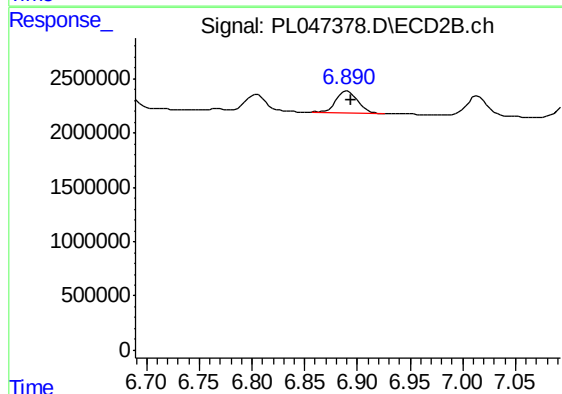
R.T.: 6.680 min
Delta R.T.: -0.004 min
Response: 2394788
Conc: 1.00 ng/ml



#15 Endosulfan II

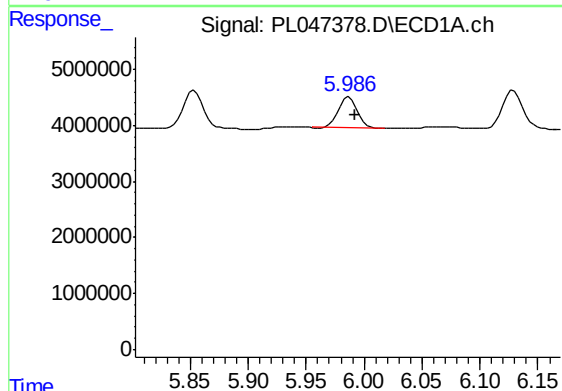
R.T.: 6.129 min
Delta R.T.: -0.005 min
Response: 8589166
Conc: 0.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



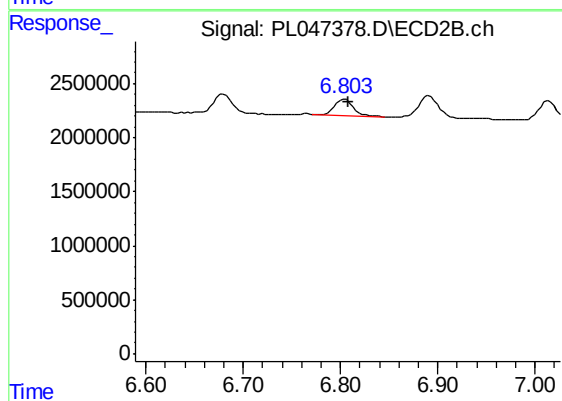
#15 Endosulfan II

R.T.: 6.891 min
Delta R.T.: -0.004 min
Response: 2785680
Conc: 1.15 ng/ml



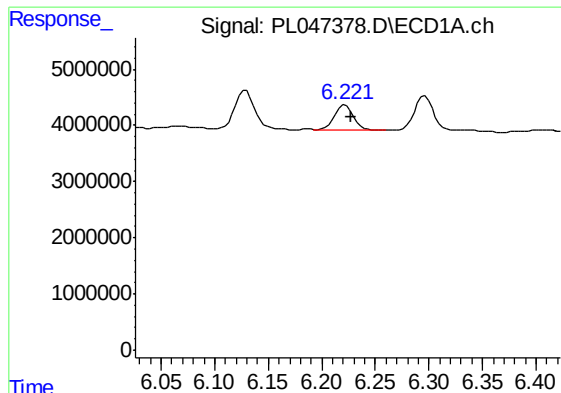
#16 4,4'-DDD

R.T.: 5.987 min
Delta R.T.: -0.005 min
Response: 6286913
Conc: 0.83 ng/ml



#16 4,4'-DDD

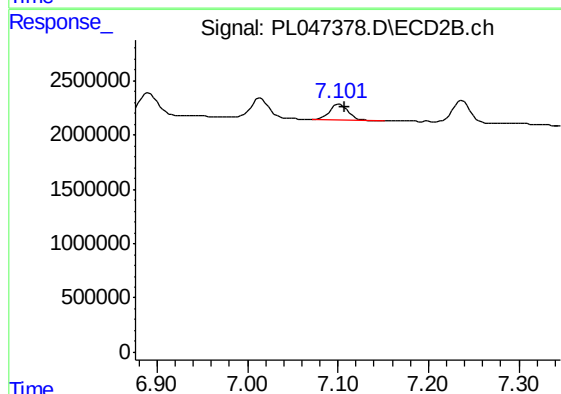
R.T.: 6.804 min
Delta R.T.: -0.004 min
Response: 1903331
Conc: 0.95 ng/ml



#17 4,4'-DDT

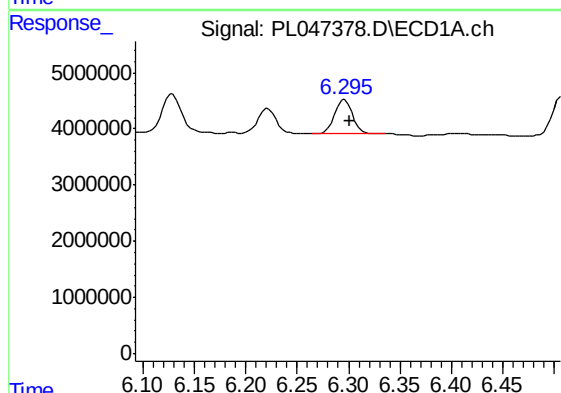
R.T.: 6.222 min
Delta R.T.: -0.005 min
Response: 5271339
Conc: 0.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



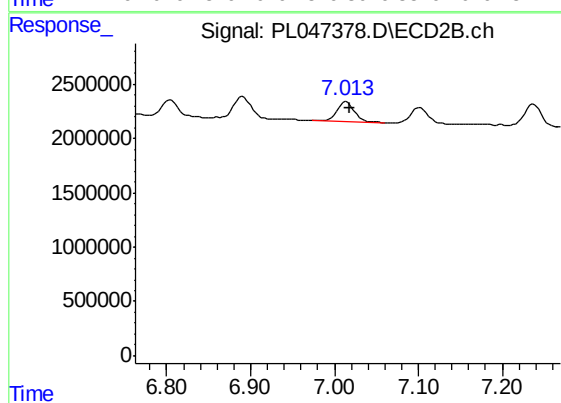
#17 4,4'-DDT

R.T.: 7.102 min
Delta R.T.: -0.005 min
Response: 1967093
Conc: 0.94 ng/ml



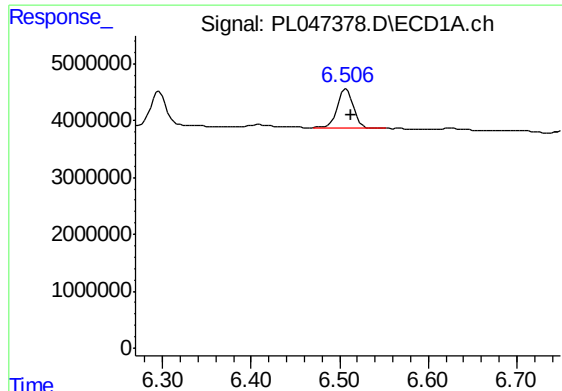
#18 Endrin aldehyde

R.T.: 6.296 min
Delta R.T.: -0.005 min
Response: 7354920
Conc: 0.98 ng/ml



#18 Endrin aldehyde

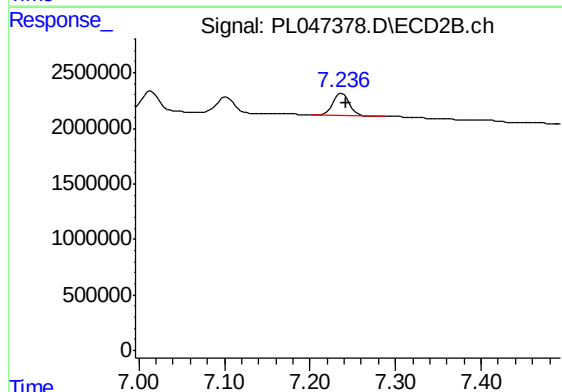
R.T.: 7.014 min
Delta R.T.: -0.005 min
Response: 2434465
Conc: 1.15 ng/ml



#19 Endosulfan Sulfate

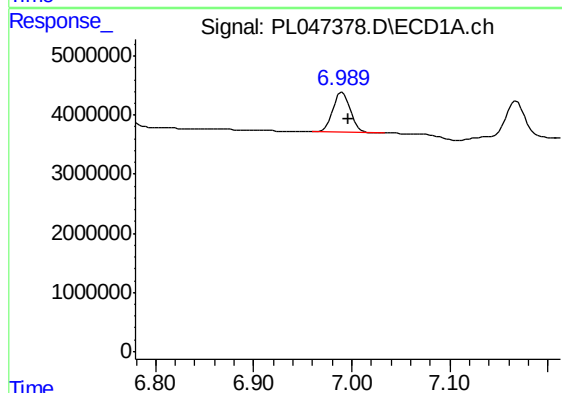
R.T.: 6.508 min
Delta R.T.: -0.005 min
Response: 8471391
Conc: 1.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



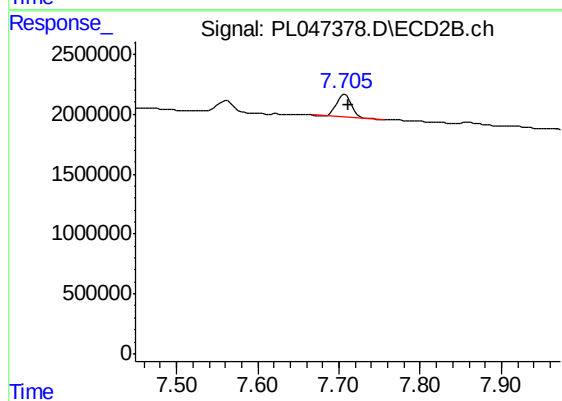
#19 Endosulfan Sulfate

R.T.: 7.238 min
Delta R.T.: -0.004 min
Response: 2621231
Conc: 1.11 ng/ml



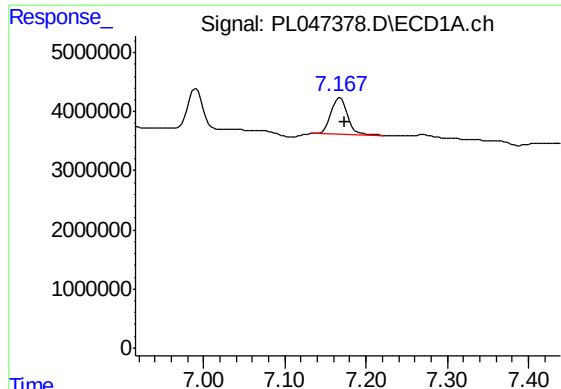
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.005 min
Response: 8396065
Conc: 0.91 ng/ml



#21 Endrin ketone

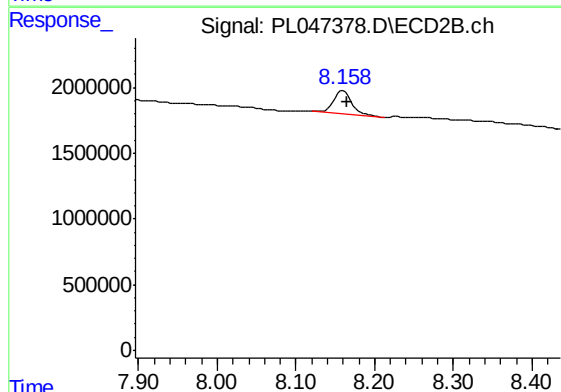
R.T.: 7.707 min
Delta R.T.: -0.005 min
Response: 2427453
Conc: 0.98 ng/ml



#22 Mirex

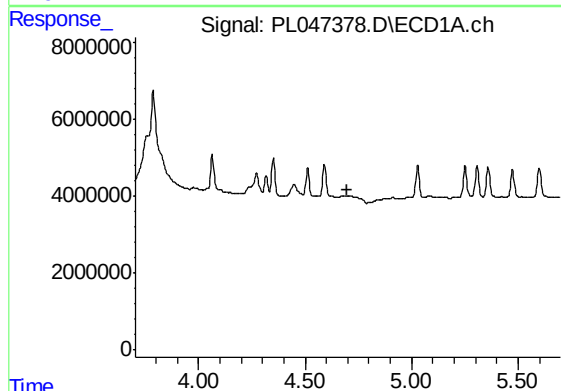
R.T.: 7.168 min
Delta R.T.: -0.005 min
Response: 8809926
Conc: 1.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



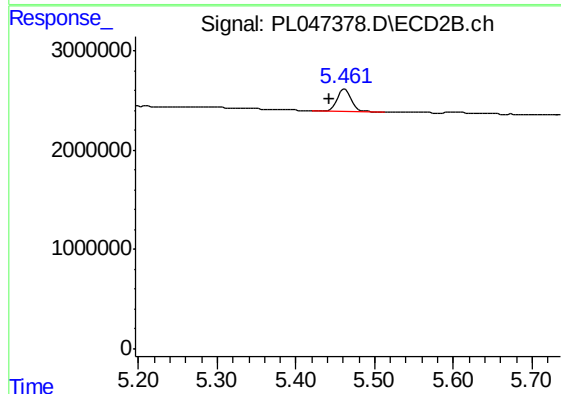
#22 Mirex

R.T.: 8.160 min
Delta R.T.: -0.005 min
Response: 2903833
Conc: 1.45 ng/ml



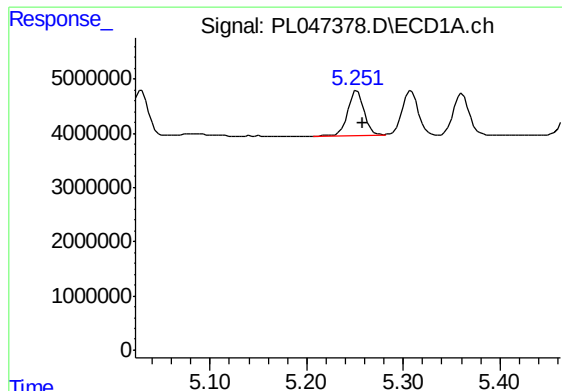
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.701 min
Response: 0
Conc: N.D.



#24 Chlordane-2

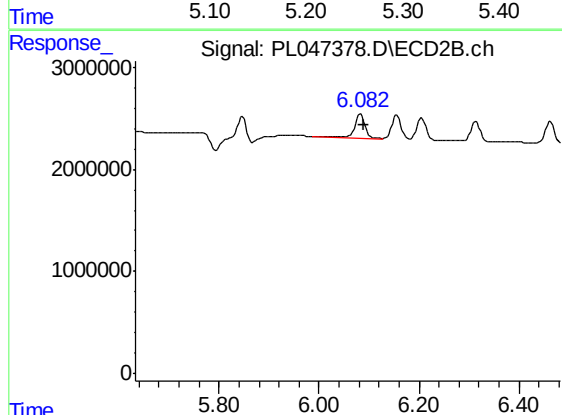
R.T.: 5.462 min
Delta R.T.: 0.020 min
Response: 2856071
Conc: 24.45 ng/ml



#25 Chlordane-3

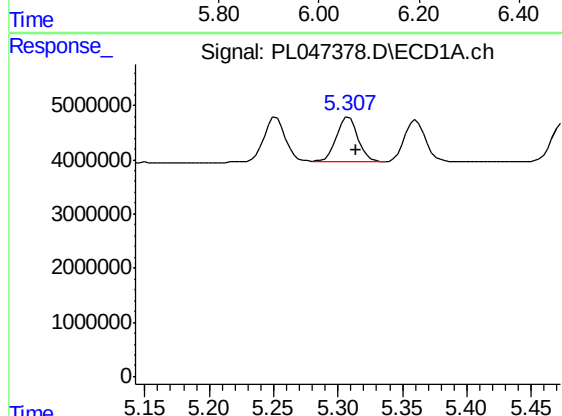
R.T.: 5.252 min
Delta R.T.: -0.006 min
Response: 9834839
Conc: 8.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



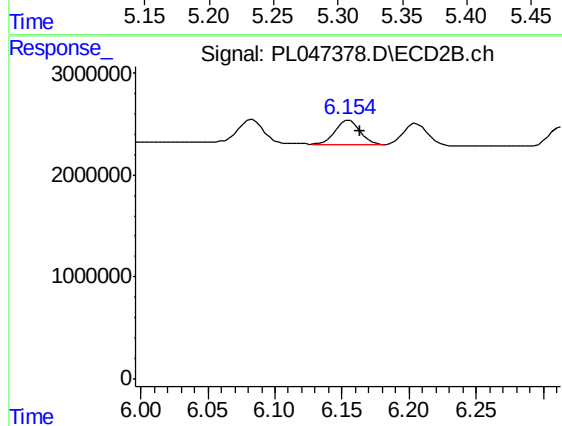
#25 Chlordane-3

R.T.: 6.083 min
Delta R.T.: -0.006 min
Response: 3485373
Conc: 9.14 ng/ml



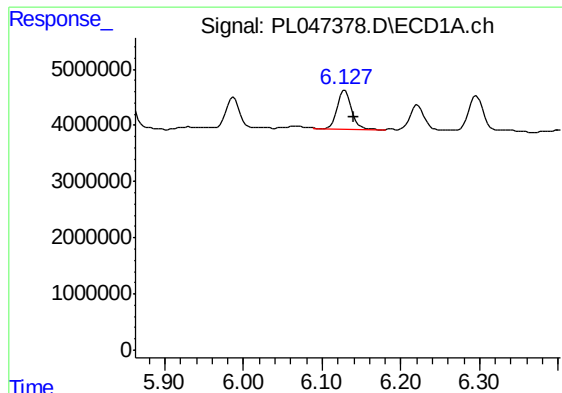
#26 Chlordane-4

R.T.: 5.308 min
Delta R.T.: -0.006 min
Response: 9881255
Conc: 9.56 ng/ml



#26 Chlordane-4

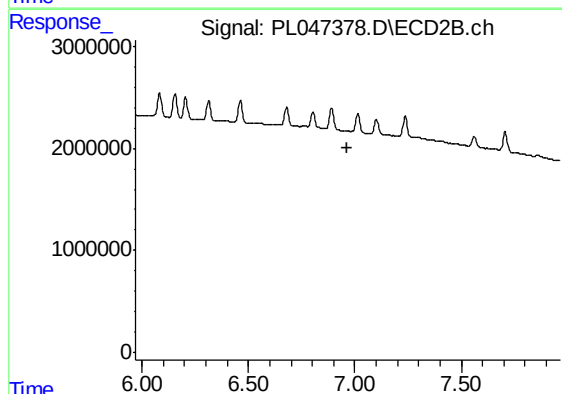
R.T.: 6.156 min
Delta R.T.: -0.008 min
Response: 3060625
Conc: 6.63 ng/ml



#27 Chlordane-5

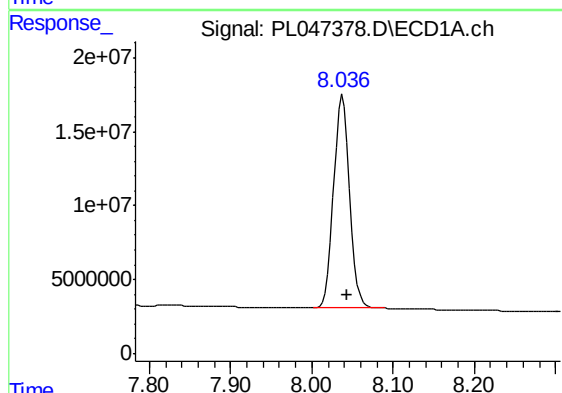
R.T.: 6.129 min
Delta R.T.: -0.011 min
Response: 8589166
Conc: 25.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
MDL-MDL-SOIL-03-QT2-2019



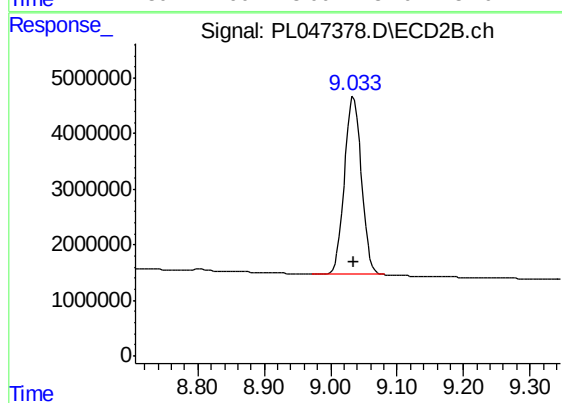
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.967 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.038 min
Delta R.T.: -0.007 min
Response: 197125886
Conc: 23.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.035 min
Delta R.T.: 0.000 min
Response: 57240816
Conc: 24.69 ng/ml