

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101618\
 Data File : PL041022.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2018 10:21
 Operator : AJ\SJ
 Sample : J5164-02
 Misc : ECD_L LOQ SOIL 10 PPB
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-SOIL-02-QT4-2018

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 01:50:56 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101118.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 11 03:28:36 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.483	4.104	87842217	46627706	16.027	16.723
28)	SA Decachlor...	8.232	9.235	90537116	40816850	17.413	15.785
Target Compounds							
2)	A alpha-BHC	3.924	4.499	62617320	32960214	7.903	8.518
3)	MA gamma-BHC...	4.208	4.787	56877029	31497810	7.789	8.846
4)	MA Heptachlor	4.506	5.304	59371493	29594299	8.057	8.744
5)	MB Aldrin	4.753	5.613	54190617	26634535	7.894	8.825
6)	B beta-BHC	4.460	4.956	28437554	42777643	8.962	26.691 #
7)	B delta-BHC	4.663	5.177	52569000	28479132	7.889	8.676
8)	B Heptachlor...	5.197	6.001	56387519	25837666	8.597	9.008
9)	A Endosulfan I	5.535	6.361	49664458	21973309	8.290	8.579
10)	B gamma-Chl...	5.422	6.235	55727566	24298081	8.474	8.664
11)	B alpha-Chl...	5.481	6.310	55316505	24641904	8.502	8.878
12)	B 4,4'-DDE	5.647	6.463	44435701	22765599	7.818	8.606
13)	MA Dieldrin	5.778	6.619	51948870	22612565	8.217	8.493
14)	MA Endrin	6.035	6.838	43639813	17525146	7.597	7.851
15)	B Endosulfa...	6.309	7.047	47694436	20800269	8.509	8.758
16)	A 4,4'-DDD	6.164	6.955	39153220	18609587	8.668	8.884
17)	MA 4,4'-DDT	6.402	7.255	31774030	15474174	6.976	7.439
18)	B Endrin al...	6.478	7.171	38209935	17769879	9.113	8.956
19)	B Endosulfa...	6.691	7.393	45059117	19700910	8.856	8.817
20)	A Methoxychlor	6.952	7.711	20804764	9275374	7.998	7.879
21)	B Endrin ke...	7.181	7.869	49965353	21134777	9.545	8.988
23)	Chlordane-1	0.000	5.177	0	28479132	N.D.	230.574 #
24)	Chlordane-2	0.000	5.613	0	26634535	N.D.	215.367 #
25)	Chlordane-3	5.422	6.235	55727566	24298081	72.812	60.273
26)	Chlordane-4	5.481	6.310	55316505	24641904	82.503	51.917 #
27)	Chlordane-5	6.309	7.171	47694436	17769879	220.078	200.835

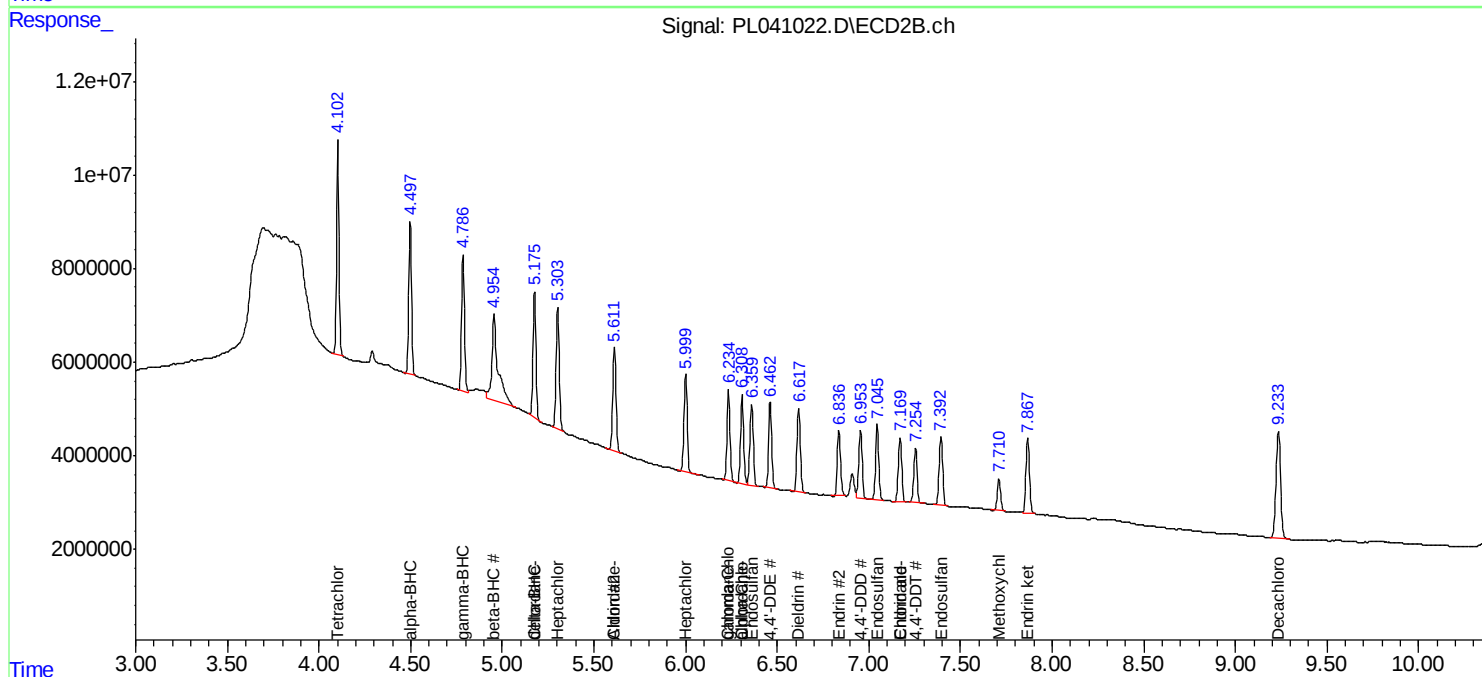
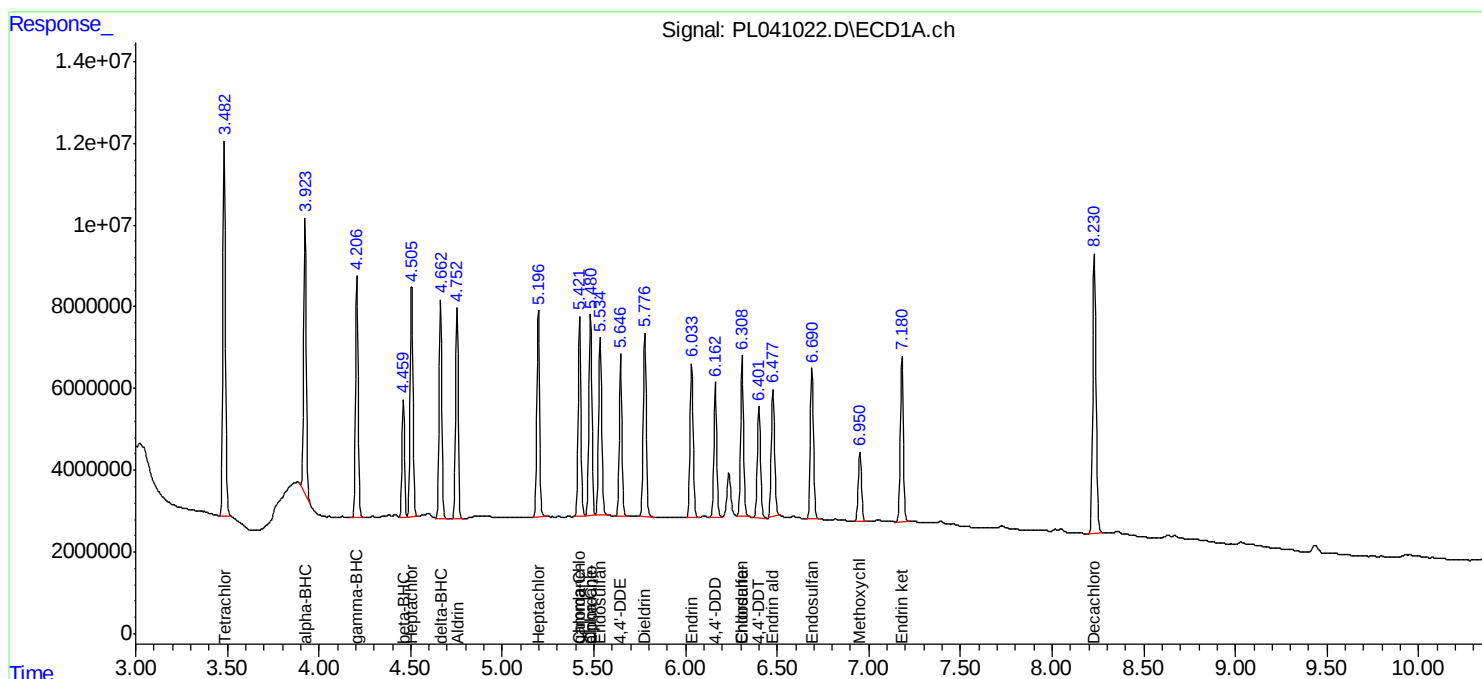
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

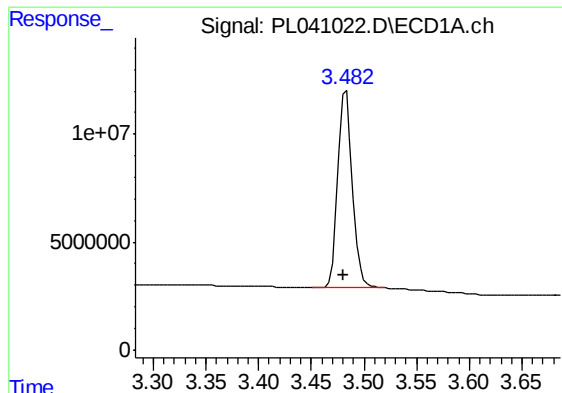
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101618\
Data File : PL041022.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2018 10:21
Operator : AJ\SJ
Sample : J5164-02
Misc : ECD_L LOQ SOIL 10 PPB
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2018

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 17 01:50:56 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101118.M
Quant Title : GC Extractables
QLast Update : Thu Oct 11 03:28:36 2018
Response via : Initial Calibration
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

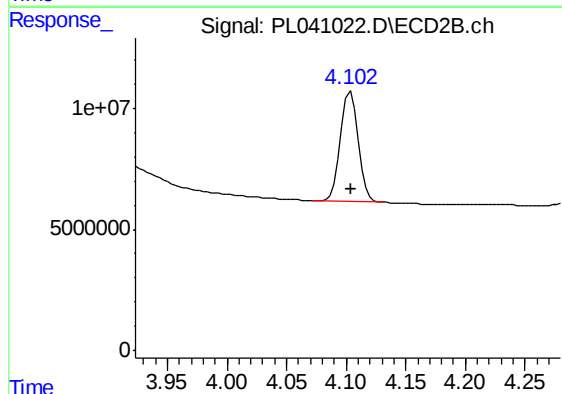




#1 Tetrachloro-m-xylene

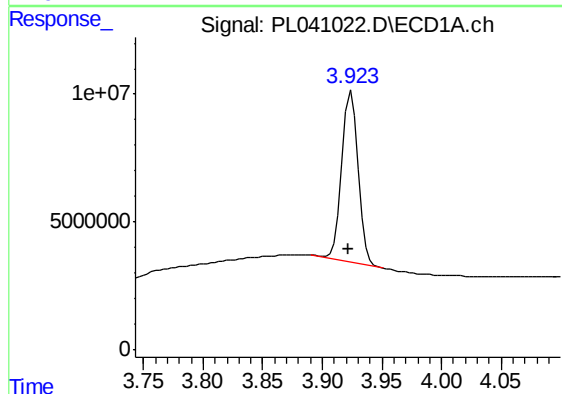
R.T.: 3.483 min
Delta R.T.: 0.003 min
Response: 87842217
Conc: 16.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2018



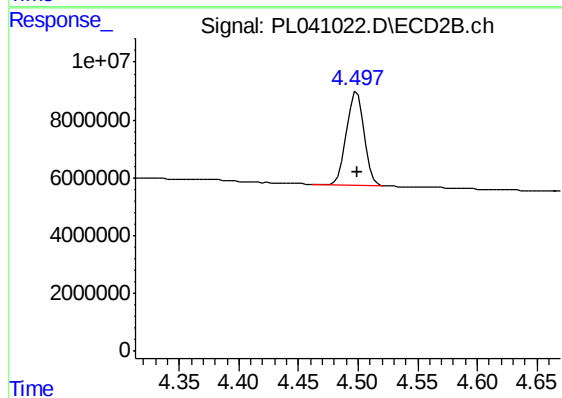
#1 Tetrachloro-m-xylene

R.T.: 4.104 min
Delta R.T.: 0.000 min
Response: 46627706
Conc: 16.72 ng/ml



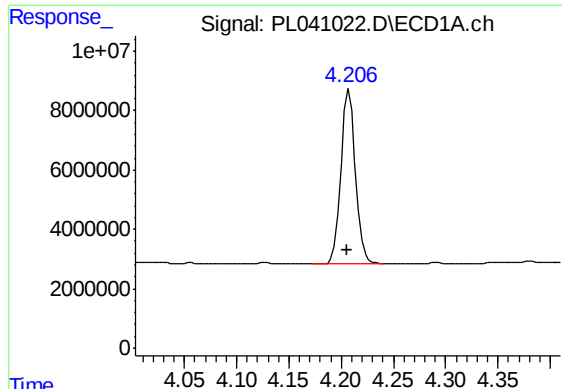
#2 alpha-BHC

R.T.: 3.924 min
Delta R.T.: 0.002 min
Response: 62617320
Conc: 7.90 ng/ml



#2 alpha-BHC

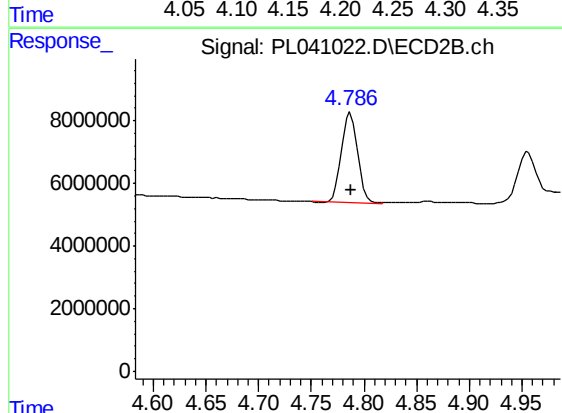
R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 32960214
Conc: 8.52 ng/ml



#3 gamma-BHC (Lindane)

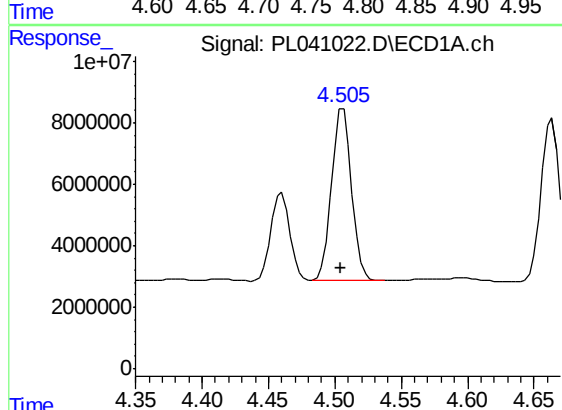
R.T.: 4.208 min
Delta R.T.: 0.002 min
Response: 56877029
Conc: 7.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2018



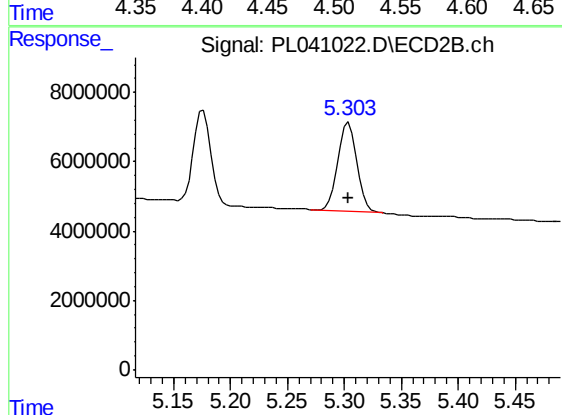
#3 gamma-BHC (Lindane)

R.T.: 4.787 min
Delta R.T.: 0.000 min
Response: 31497810
Conc: 8.85 ng/ml



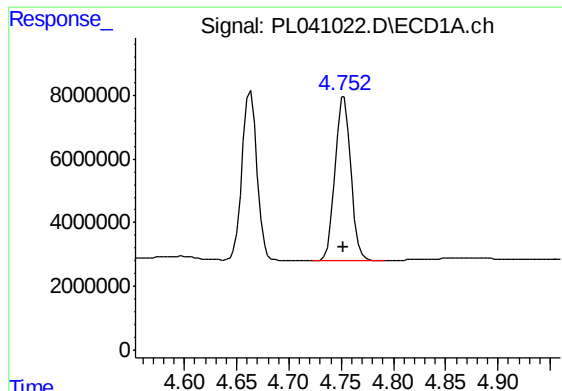
#4 Heptachlor

R.T.: 4.506 min
Delta R.T.: 0.001 min
Response: 59371493
Conc: 8.06 ng/ml



#4 Heptachlor

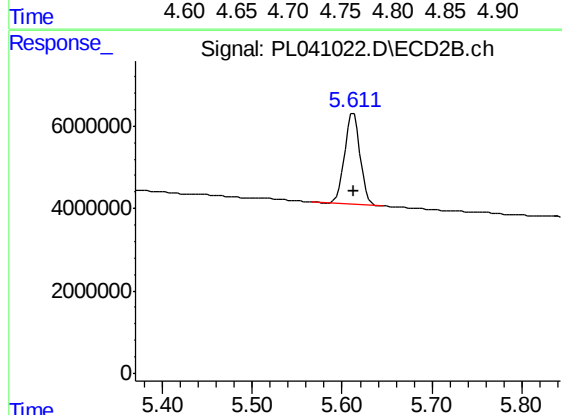
R.T.: 5.304 min
Delta R.T.: 0.000 min
Response: 29594299
Conc: 8.74 ng/ml



#5 Aldrin

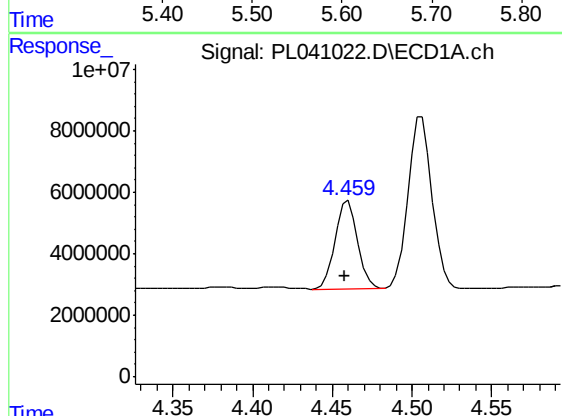
R.T.: 4.753 min
Delta R.T.: 0.000 min
Response: 54190617
Conc: 7.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2018



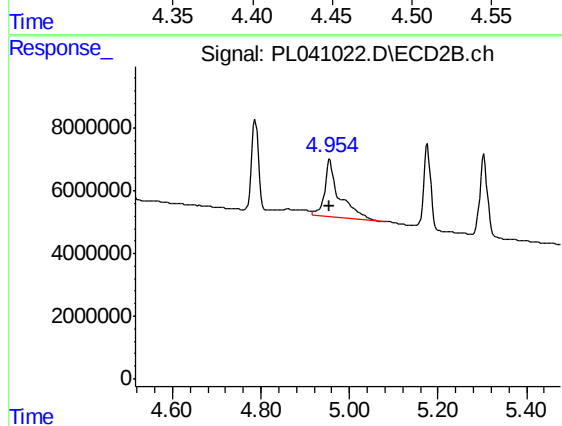
#5 Aldrin

R.T.: 5.613 min
Delta R.T.: 0.000 min
Response: 26634535
Conc: 8.82 ng/ml



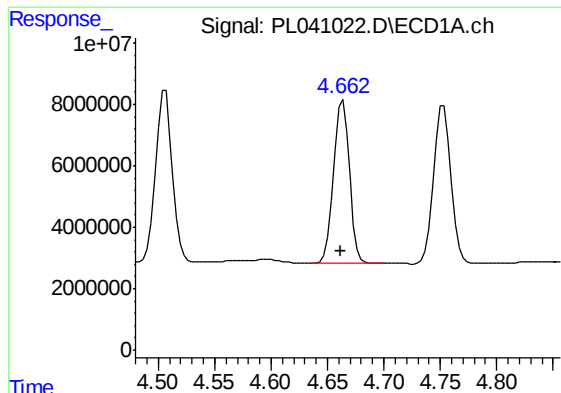
#6 beta-BHC

R.T.: 4.460 min
Delta R.T.: 0.002 min
Response: 28437554
Conc: 8.96 ng/ml



#6 beta-BHC

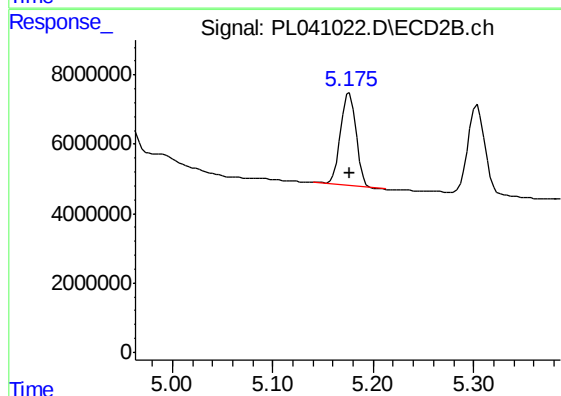
R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 42777643
Conc: 26.69 ng/ml



#7 delta-BHC

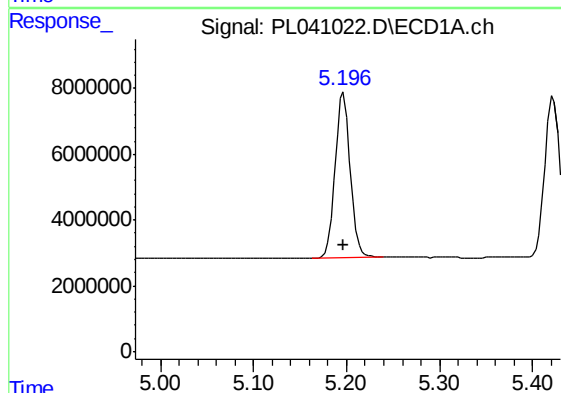
R.T.: 4.663 min
Delta R.T.: 0.002 min
Response: 52569000
Conc: 7.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2018



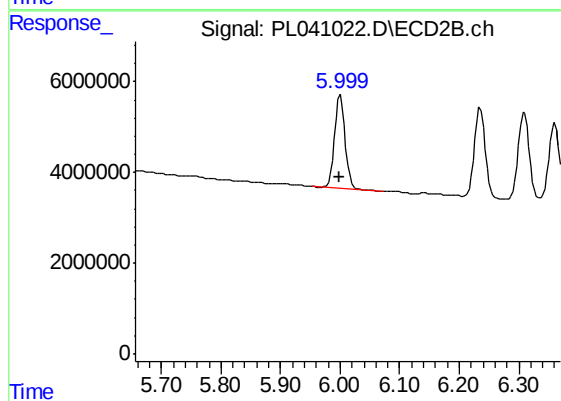
#7 delta-BHC

R.T.: 5.177 min
Delta R.T.: 0.000 min
Response: 28479132
Conc: 8.68 ng/ml



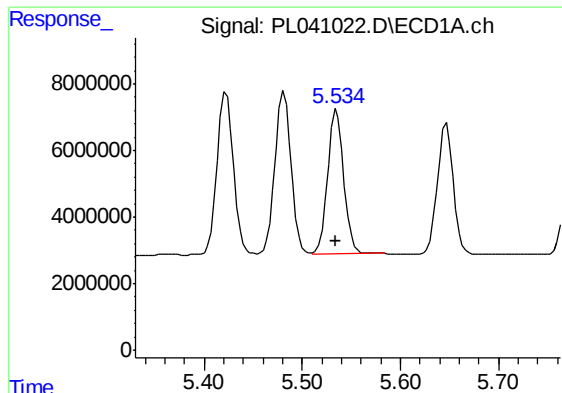
#8 Heptachlor epoxide

R.T.: 5.197 min
Delta R.T.: 0.000 min
Response: 56387519
Conc: 8.60 ng/ml



#8 Heptachlor epoxide

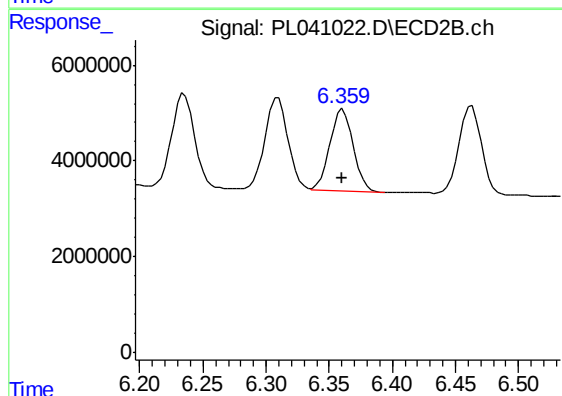
R.T.: 6.001 min
Delta R.T.: 0.000 min
Response: 25837666
Conc: 9.01 ng/ml



#9 Endosulfan I

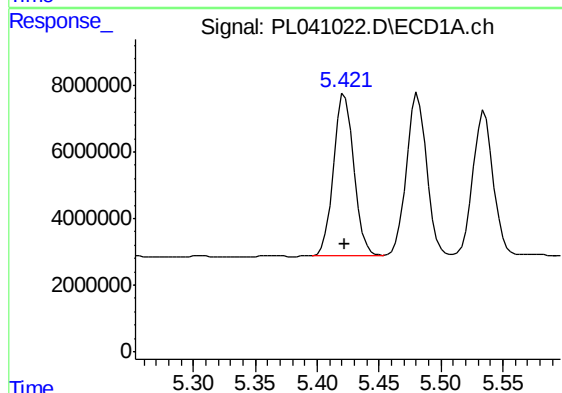
R.T.: 5.535 min
Delta R.T.: 0.000 min
Response: 49664458
Conc: 8.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2018



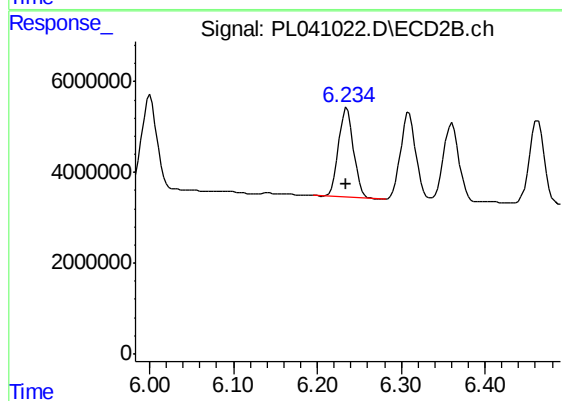
#9 Endosulfan I

R.T.: 6.361 min
Delta R.T.: 0.000 min
Response: 21973309
Conc: 8.58 ng/ml



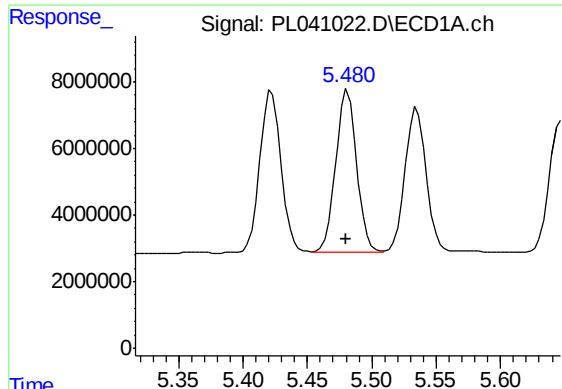
#10 gamma-Chlordane

R.T.: 5.422 min
Delta R.T.: 0.000 min
Response: 55727566
Conc: 8.47 ng/ml



#10 gamma-Chlordane

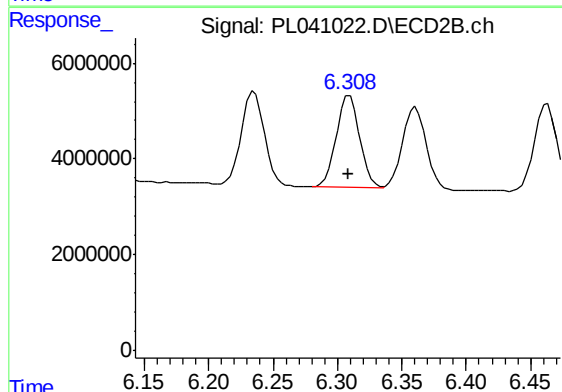
R.T.: 6.235 min
Delta R.T.: 0.000 min
Response: 24298081
Conc: 8.66 ng/ml



#11 alpha-Chlordane

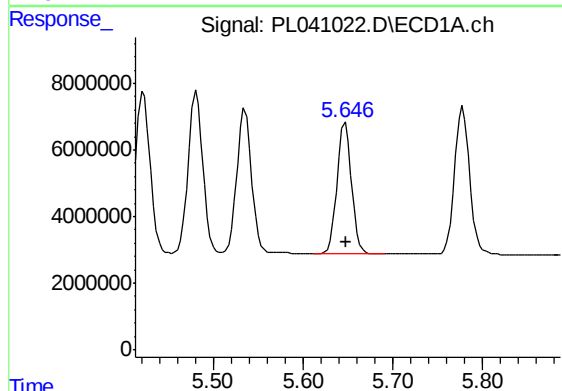
R.T.: 5.481 min
Delta R.T.: 0.000 min
Response: 55316505
Conc: 8.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2018



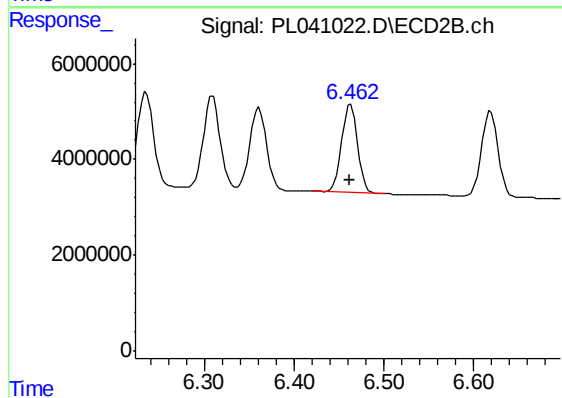
#11 alpha-Chlordane

R.T.: 6.310 min
Delta R.T.: 0.000 min
Response: 24641904
Conc: 8.88 ng/ml



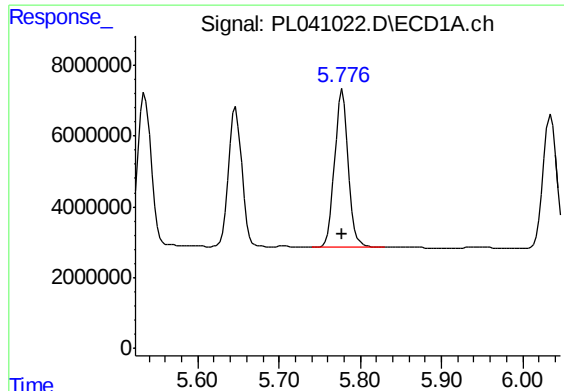
#12 4,4'-DDE

R.T.: 5.647 min
Delta R.T.: 0.000 min
Response: 44435701
Conc: 7.82 ng/ml



#12 4,4'-DDE

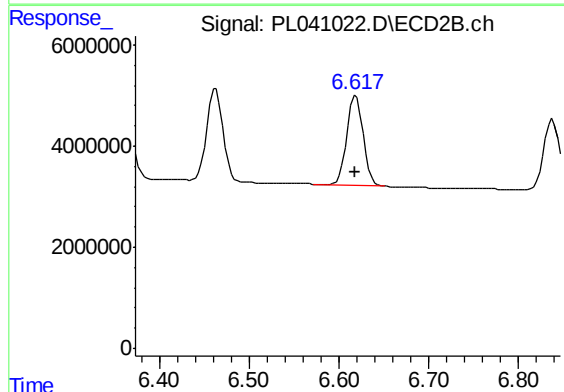
R.T.: 6.463 min
Delta R.T.: 0.001 min
Response: 22765599
Conc: 8.61 ng/ml



#13 Dielddrin

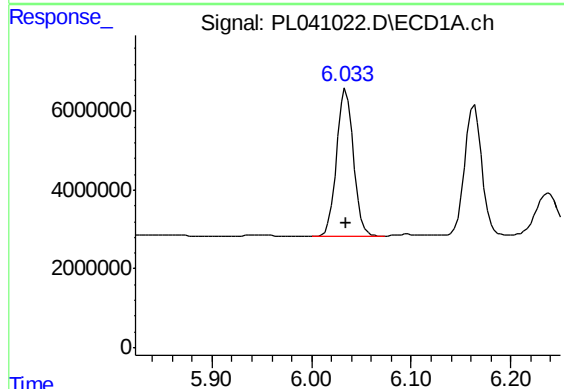
R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 51948870
Conc: 8.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2018



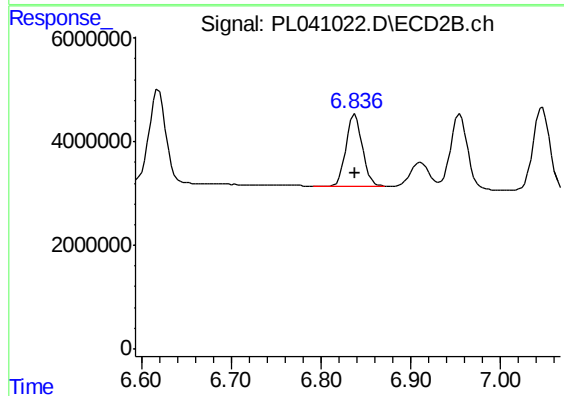
#13 Dielddrin

R.T.: 6.619 min
Delta R.T.: 0.000 min
Response: 22612565
Conc: 8.49 ng/ml



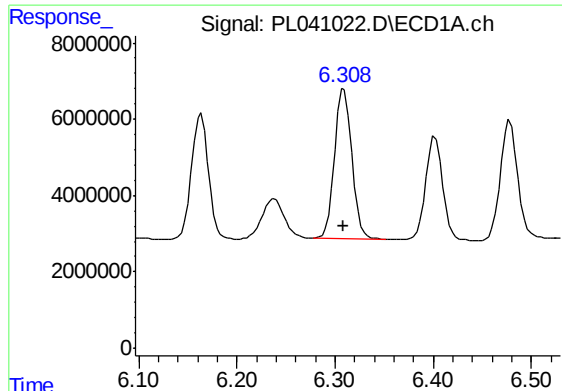
#14 Endrin

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 43639813
Conc: 7.60 ng/ml



#14 Endrin

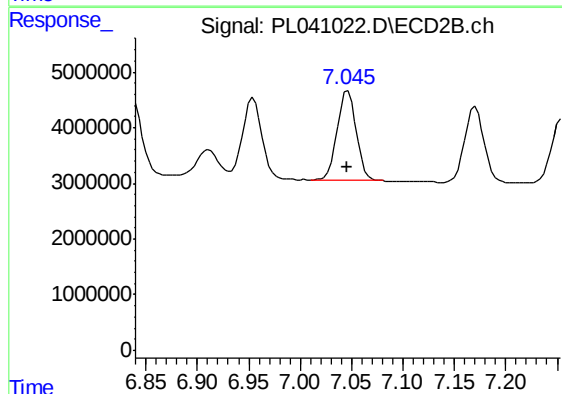
R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 17525146
Conc: 7.85 ng/ml



#15 Endosulfan II

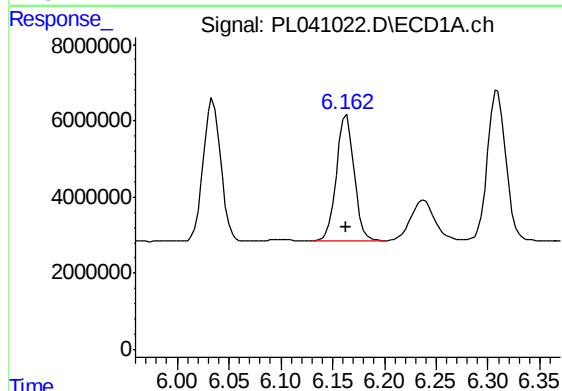
R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 47694436
Conc: 8.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2018



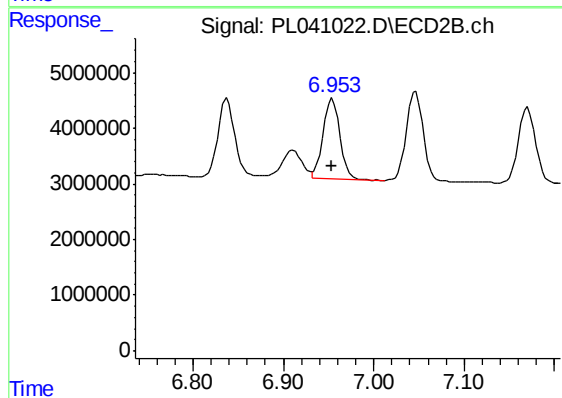
#15 Endosulfan II

R.T.: 7.047 min
Delta R.T.: 0.001 min
Response: 20800269
Conc: 8.76 ng/ml



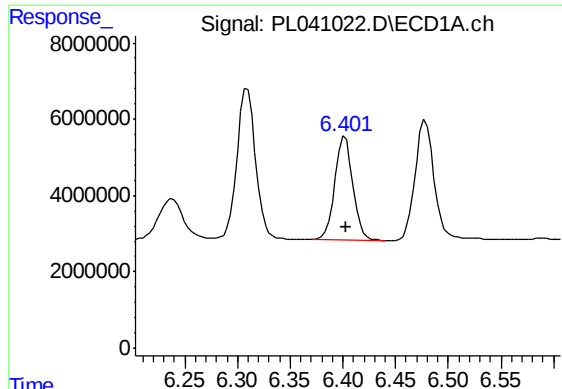
#16 4,4'-DDD

R.T.: 6.164 min
Delta R.T.: 0.000 min
Response: 39153220
Conc: 8.67 ng/ml



#16 4,4'-DDD

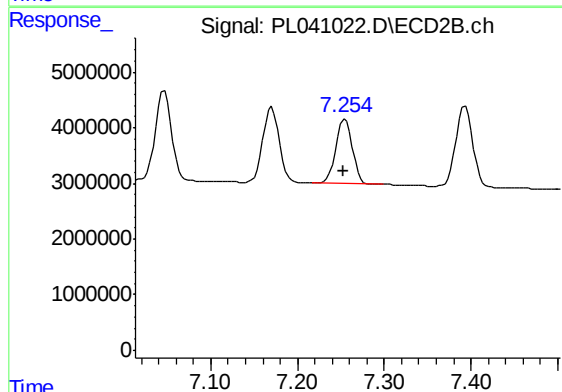
R.T.: 6.955 min
Delta R.T.: 0.000 min
Response: 18609587
Conc: 8.88 ng/ml



#17 4,4'-DDT

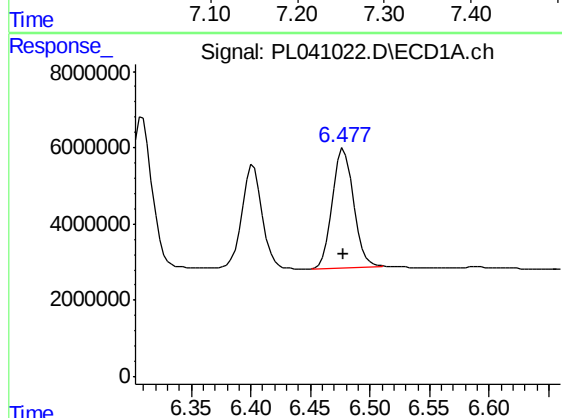
R.T.: 6.402 min
Delta R.T.: 0.000 min
Response: 31774030
Conc: 6.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2018



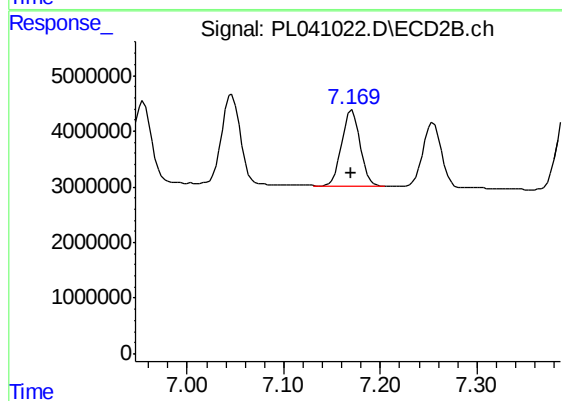
#17 4,4'-DDT

R.T.: 7.255 min
Delta R.T.: 0.001 min
Response: 15474174
Conc: 7.44 ng/ml



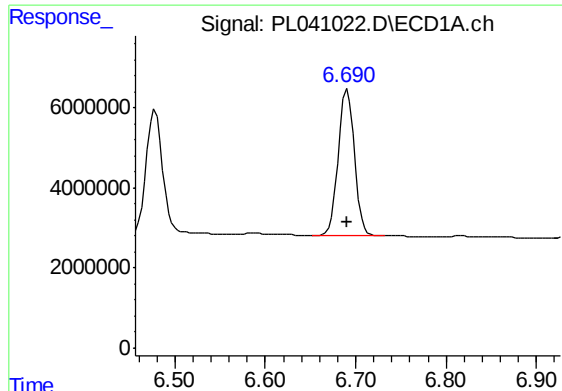
#18 Endrin aldehyde

R.T.: 6.478 min
Delta R.T.: 0.001 min
Response: 38209935
Conc: 9.11 ng/ml



#18 Endrin aldehyde

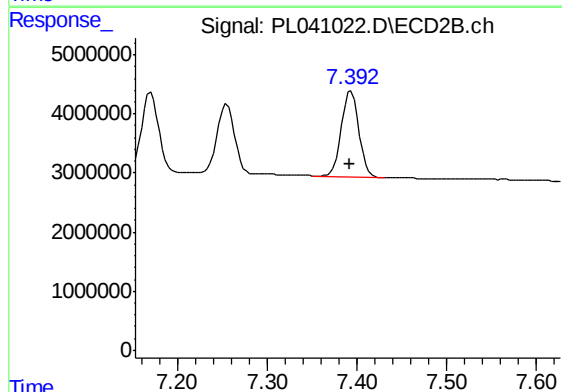
R.T.: 7.171 min
Delta R.T.: 0.001 min
Response: 17769879
Conc: 8.96 ng/ml



#19 Endosulfan Sulfate

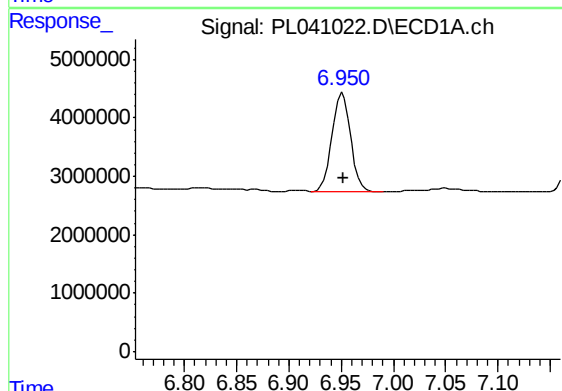
R.T.: 6.691 min
Delta R.T.: 0.000 min
Response: 45059117
Conc: 8.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2018



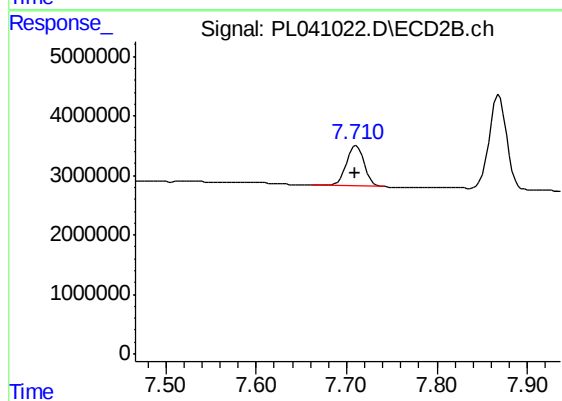
#19 Endosulfan Sulfate

R.T.: 7.393 min
Delta R.T.: 0.001 min
Response: 19700910
Conc: 8.82 ng/ml



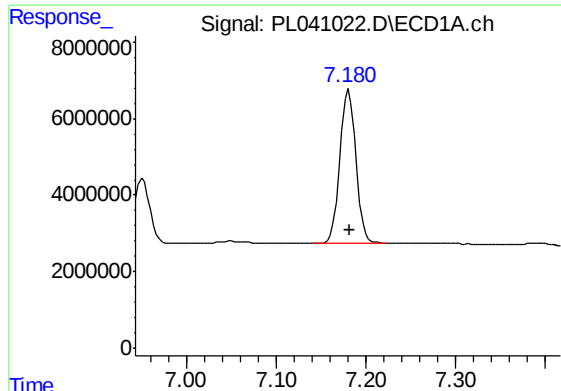
#20 Methoxychlor

R.T.: 6.952 min
Delta R.T.: 0.000 min
Response: 20804764
Conc: 8.00 ng/ml



#20 Methoxychlor

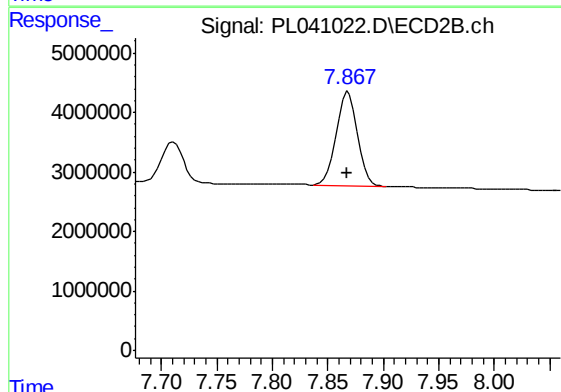
R.T.: 7.711 min
Delta R.T.: 0.002 min
Response: 9275374
Conc: 7.88 ng/ml



#21 Endrin ketone

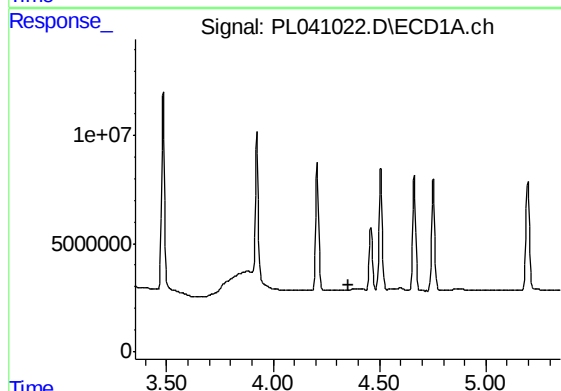
R.T.: 7.181 min
Delta R.T.: 0.000 min
Response: 49965353
Conc: 9.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2018



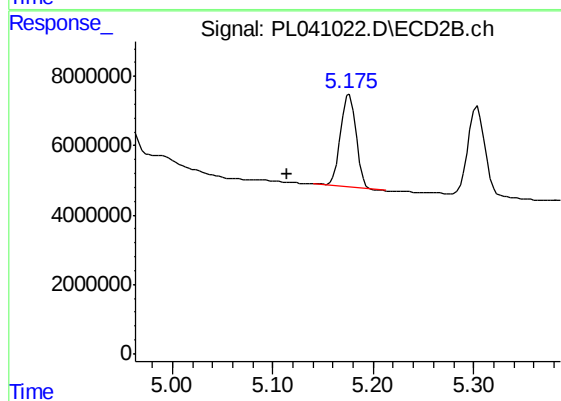
#21 Endrin ketone

R.T.: 7.869 min
Delta R.T.: 0.001 min
Response: 21134777
Conc: 8.99 ng/ml



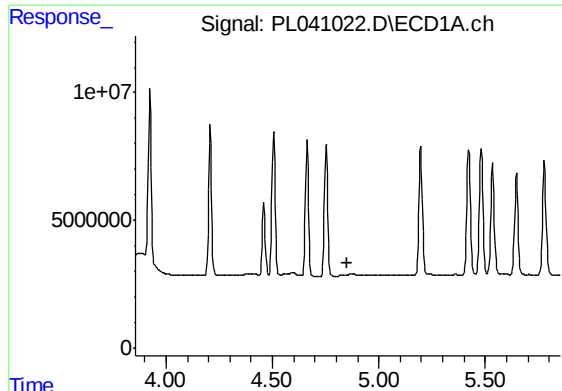
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.353 min
Response: 0
Conc: N.D.



#23 Chlordane-1

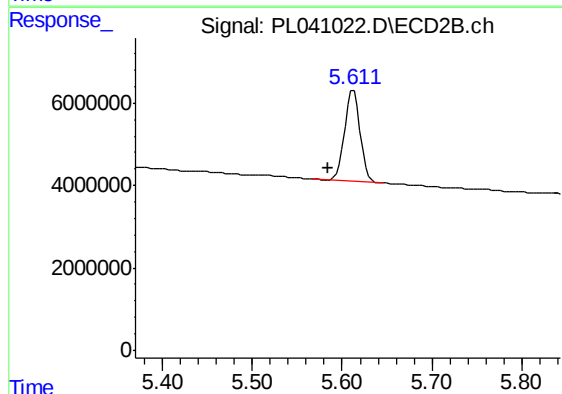
R.T.: 5.177 min
Delta R.T.: 0.063 min
Response: 28479132
Conc: 230.57 ng/ml



#24 Chlordane-2

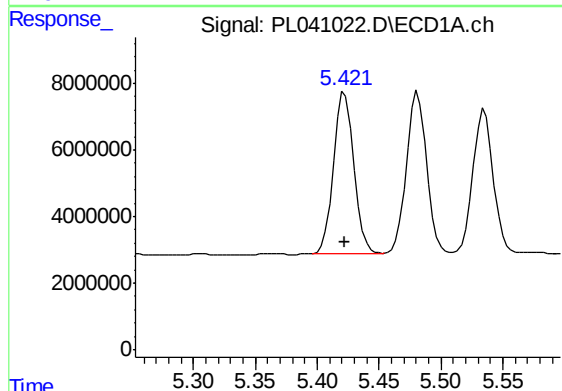
R.T.: 0.000 min
Exp R.T.: 4.854 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2018



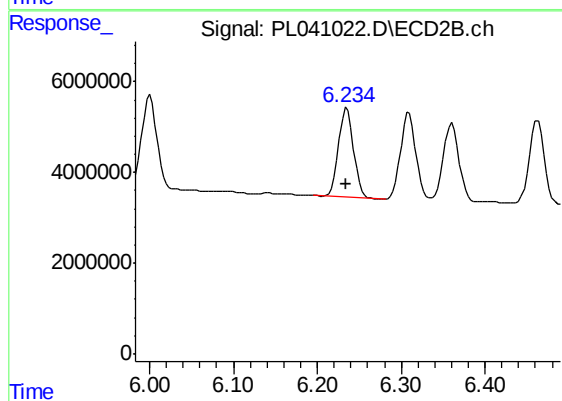
#24 Chlordane-2

R.T.: 5.613 min
Delta R.T.: 0.028 min
Response: 26634535
Conc: 215.37 ng/ml



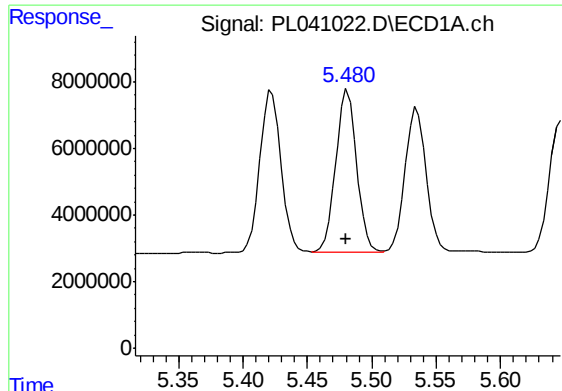
#25 Chlordane-3

R.T.: 5.422 min
Delta R.T.: 0.000 min
Response: 55727566
Conc: 72.81 ng/ml



#25 Chlordane-3

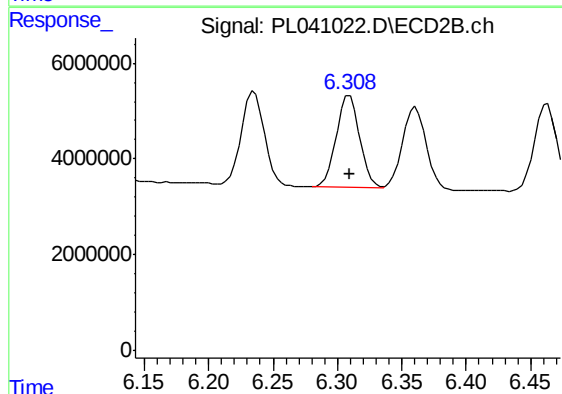
R.T.: 6.235 min
Delta R.T.: 0.000 min
Response: 24298081
Conc: 60.27 ng/ml



#26 Chlordane-4

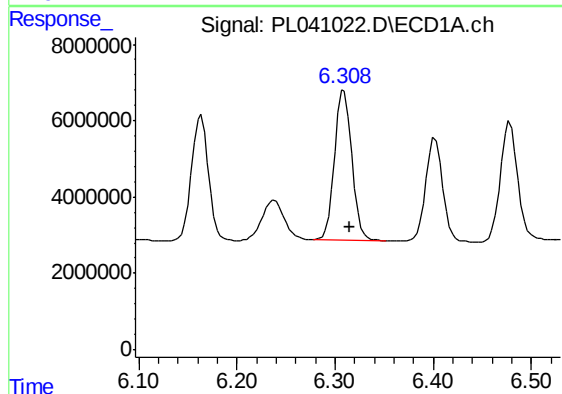
R.T.: 5.481 min
Delta R.T.: 0.001 min
Response: 55316505
Conc: 82.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2018



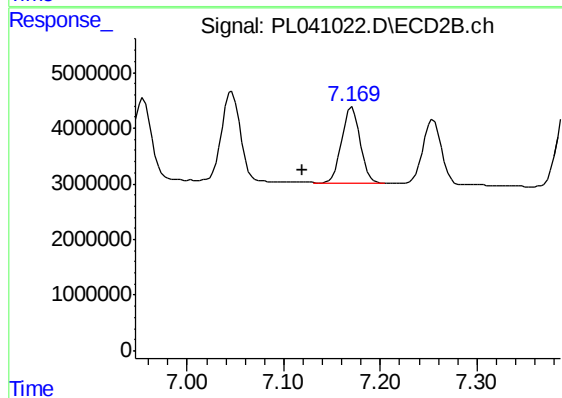
#26 Chlordane-4

R.T.: 6.310 min
Delta R.T.: 0.000 min
Response: 24641904
Conc: 51.92 ng/ml



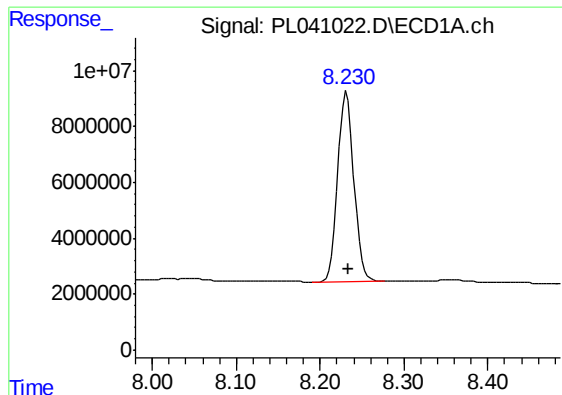
#27 Chlordane-5

R.T.: 6.309 min
Delta R.T.: -0.006 min
Response: 47694436
Conc: 220.08 ng/ml



#27 Chlordane-5

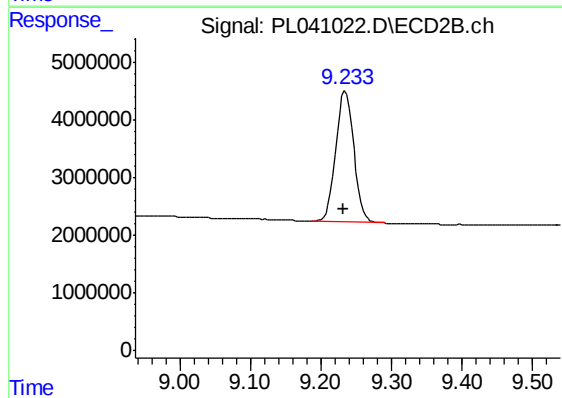
R.T.: 7.171 min
Delta R.T.: 0.051 min
Response: 17769879
Conc: 200.84 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.232 min
Delta R.T.: -0.003 min
Response: 90537116
Conc: 17.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-SOIL-02-QT4-2018



#28 Decachlorobiphenyl

R.T.: 9.235 min
Delta R.T.: 0.003 min
Response: 40816850
Conc: 15.78 ng/ml