

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040119\
 Data File : PL046802.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2019 14:49
 Operator : AJ\SJ
 Sample : K1560-01
 Misc : PEST LOD 2.5 PPB
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 01:22:56 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...	3.359	3.977	136.4E6	41963824	18.752	18.328
28)	SA Decachlor...	8.037	9.030	186.7E6	54990343	22.196	23.718
Target Compounds							
2)	A alpha-BHC	3.788	4.366	22470852	5811032	1.927	1.808
3)	MA gamma-BHC...	4.065	4.651	19741722	5658996	1.837	1.891
4)	MA Heptachlor	4.353	5.158	23596244	7518762	2.140	2.444
5)	MB Aldrin	4.592	5.462	19740314	6417034	1.914	2.240
6)	B beta-BHC	4.319	4.825	10446639	2579611	2.320	1.946
7)	B delta-BHC	4.514	5.040	15884570	2445202	1.569	1.054 #
8)	B Heptachlor...	5.030	5.848	21434154	6822724	2.198	2.587
9)	A Endosulfan I	5.362	6.204	20071452	6468598	2.135	2.479
10)	B gamma-Chl...	5.253	6.082	21900780	6967862	2.132	2.455
11)	B alpha-Chl...	5.309	6.154	22220875	7110735	2.192	2.507
12)	B 4,4'-DDE	5.476	6.312	17735909	5570156	1.926	2.244
13)	MA Dieldrin	5.601	6.460	19872162	6366741	1.980	2.349
14)	MA Endrin	5.854	6.678	18776053	5627758	1.993	2.355
15)	B Endosulfa...	6.129	6.888	19811061	6293752	2.211	2.608
16)	A 4,4'-DDD	5.987	6.802	14610387	4692380	1.933	2.332
17)	MA 4,4'-DDT	6.223	7.100	12822192	4577347	1.693	2.183 #
18)	B Endrin al...	6.296	7.012	17146461	5573133	2.288	2.624
19)	B Endosulfa...	6.507	7.235	20030904	6387634	2.439	2.708
20)	A Methoxychlor	6.768	7.559	9905619	3463356	2.331	2.717
21)	B Endrin ke...	6.990	7.704	20282270	6120190	2.193	2.463
22)	Mirex	7.168	8.156	20789845	6356124	2.854	3.178
24)	Chlordane-2	0.000	5.462f	0	6417034	N.D.	54.936 #
25)	Chlordane-3	5.253	6.082	21900780	6967862	19.665	18.276
26)	Chlordane-4	5.309	6.154	22220875	7110735	21.489	15.410 #
27)	Chlordane-5	6.129	0.000	19811061	0	58.051	N.D. #

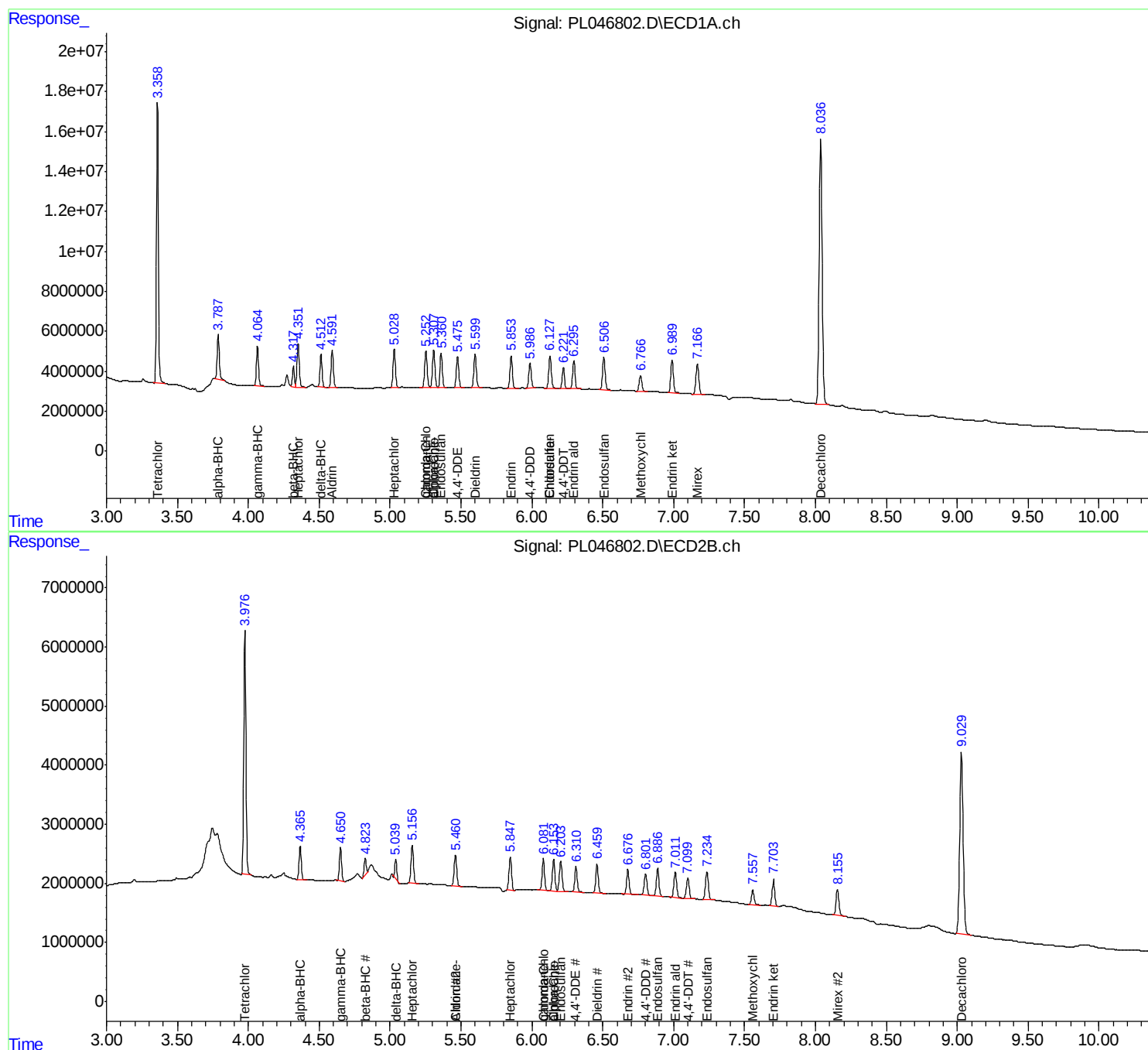
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

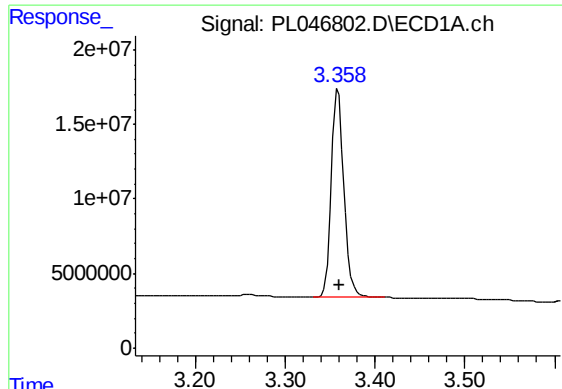
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040119\
Data File : PL046802.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Apr 2019 14:49
Operator : AJ\SJ
Sample : K1560-01
Misc : PEST LOD 2.5 PPB
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Instrument :
ECD_L
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LOD-MDL-SOIL-01-QT1-2019

Integration File signal 1: autoint1.e
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Quant Time: Apr 02 01:22:56 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
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

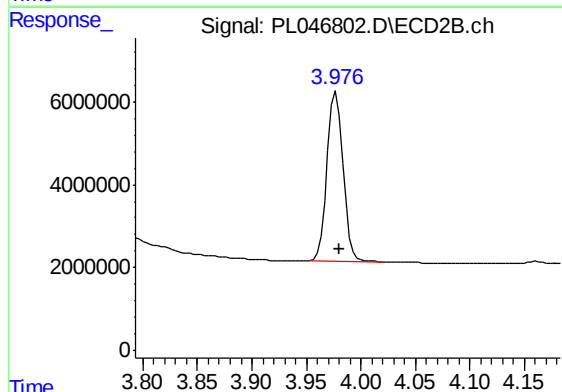




#1 Tetrachloro-m-xylene

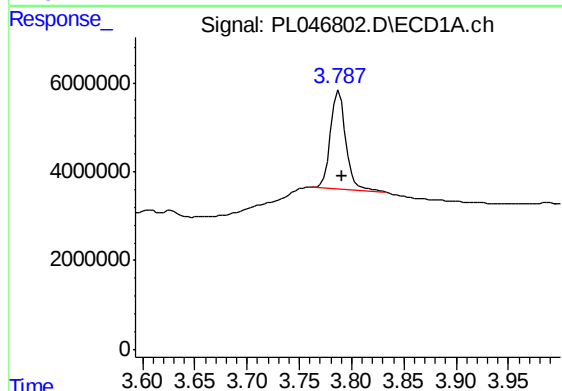
R.T.: 3.359 min
Delta R.T.: -0.002 min
Response: 136417160
Conc: 18.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



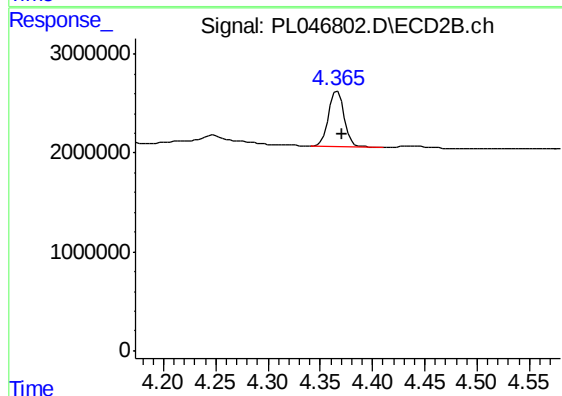
#1 Tetrachloro-m-xylene

R.T.: 3.977 min
Delta R.T.: -0.003 min
Response: 41963824
Conc: 18.33 ng/ml



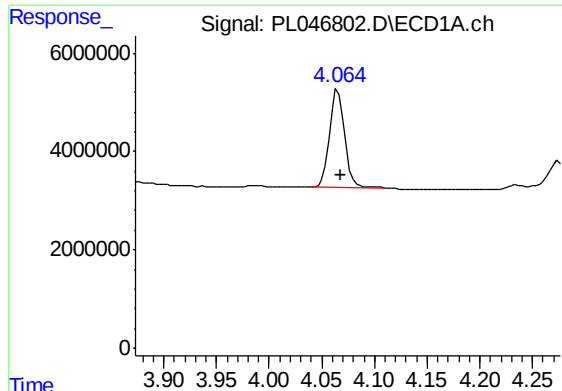
#2 alpha-BHC

R.T.: 3.788 min
Delta R.T.: -0.003 min
Response: 22470852
Conc: 1.93 ng/ml



#2 alpha-BHC

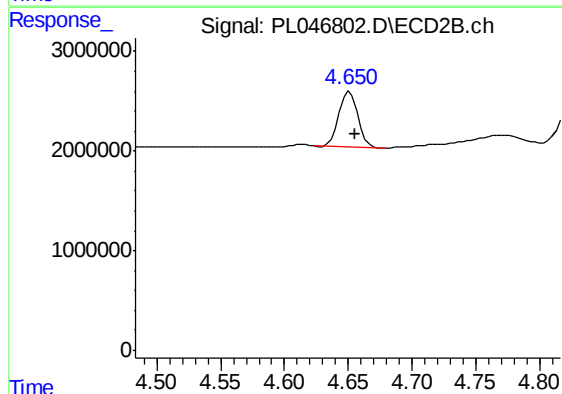
R.T.: 4.366 min
Delta R.T.: -0.004 min
Response: 5811032
Conc: 1.81 ng/ml



#3 gamma-BHC (Lindane)

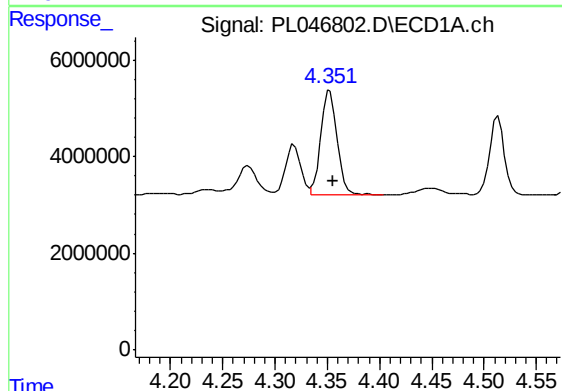
R.T.: 4.065 min
Delta R.T.: -0.003 min
Response: 19741722
Conc: 1.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



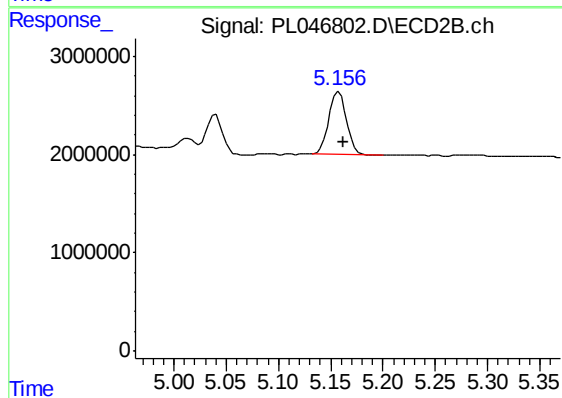
#3 gamma-BHC (Lindane)

R.T.: 4.651 min
Delta R.T.: -0.004 min
Response: 5658996
Conc: 1.89 ng/ml



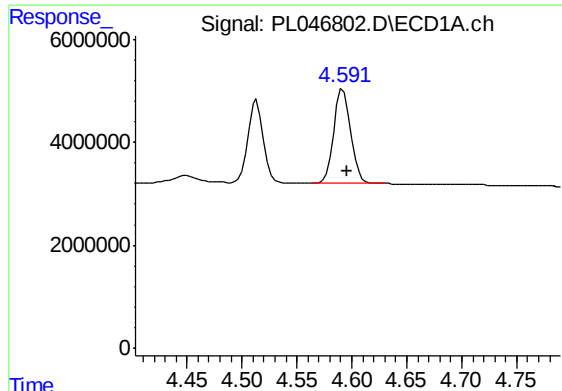
#4 Heptachlor

R.T.: 4.353 min
Delta R.T.: -0.003 min
Response: 23596244
Conc: 2.14 ng/ml



#4 Heptachlor

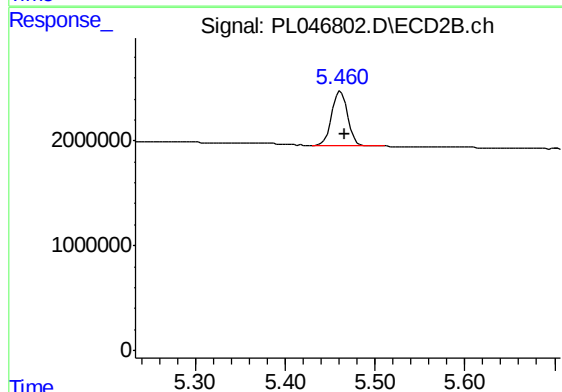
R.T.: 5.158 min
Delta R.T.: -0.005 min
Response: 7518762
Conc: 2.44 ng/ml



#5 Aldrin

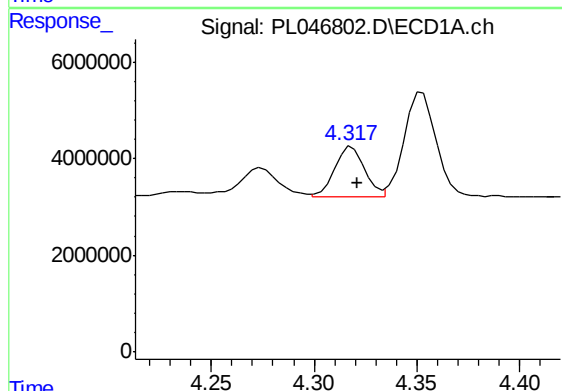
R.T.: 4.592 min
Delta R.T.: -0.004 min
Response: 19740314
Conc: 1.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



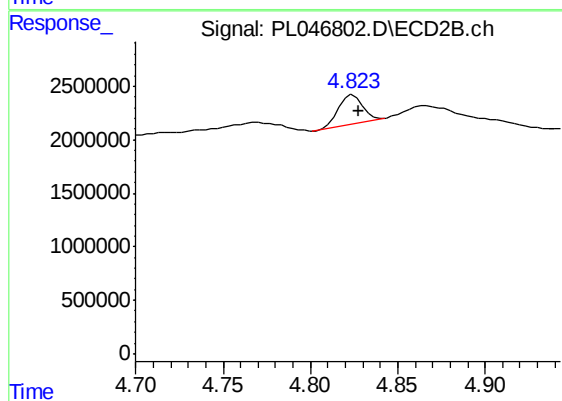
#5 Aldrin

R.T.: 5.462 min
Delta R.T.: -0.005 min
Response: 6417034
Conc: 2.24 ng/ml



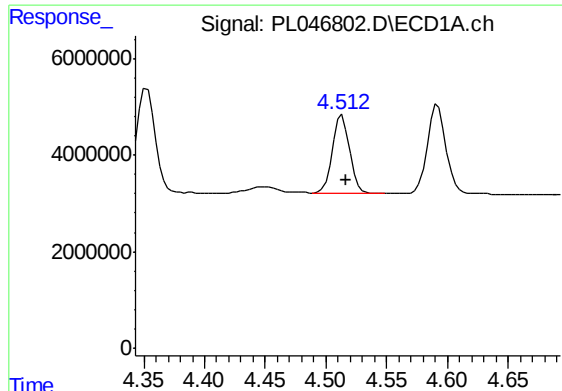
#6 beta-BHC

R.T.: 4.319 min
Delta R.T.: -0.002 min
Response: 10446639
Conc: 2.32 ng/ml



#6 beta-BHC

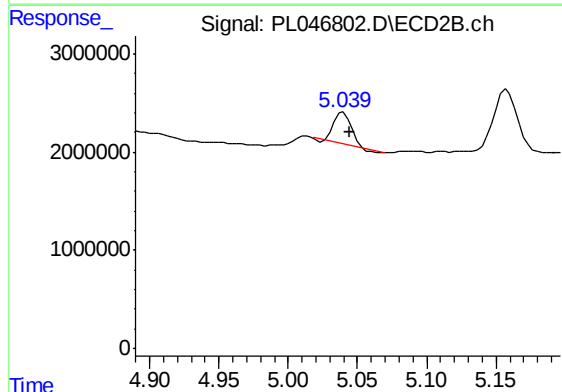
R.T.: 4.825 min
Delta R.T.: -0.003 min
Response: 2579611
Conc: 1.95 ng/ml



#7 delta-BHC

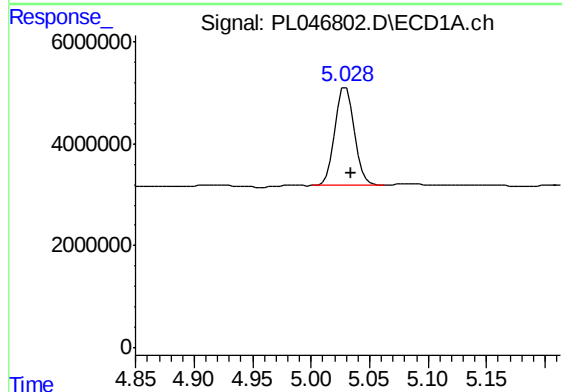
R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 15884570
Conc: 1.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



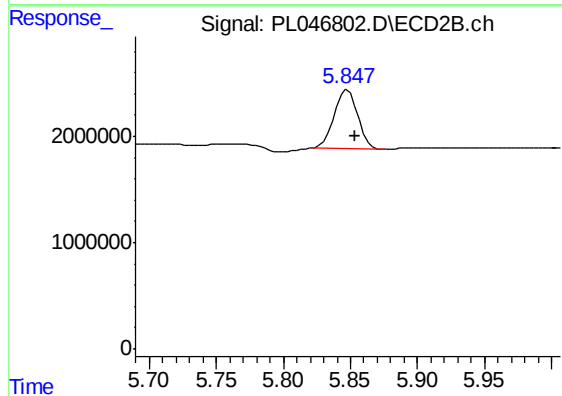
#7 delta-BHC

R.T.: 5.040 min
Delta R.T.: -0.004 min
Response: 2445202
Conc: 1.05 ng/ml



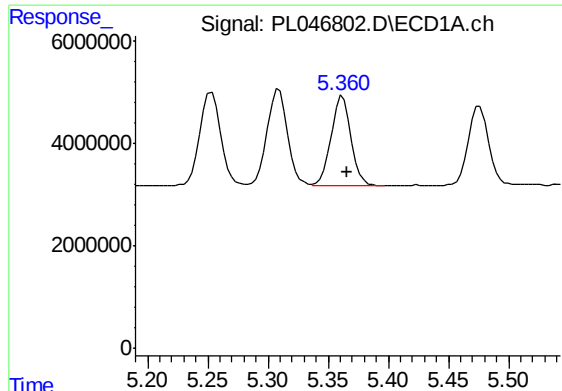
#8 Heptachlor epoxide

R.T.: 5.030 min
Delta R.T.: -0.004 min
Response: 21434154
Conc: 2.20 ng/ml



#8 Heptachlor epoxide

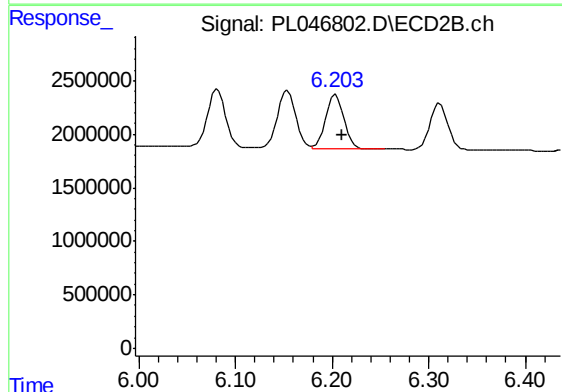
R.T.: 5.848 min
Delta R.T.: -0.006 min
Response: 6822724
Conc: 2.59 ng/ml



#9 Endosulfan I

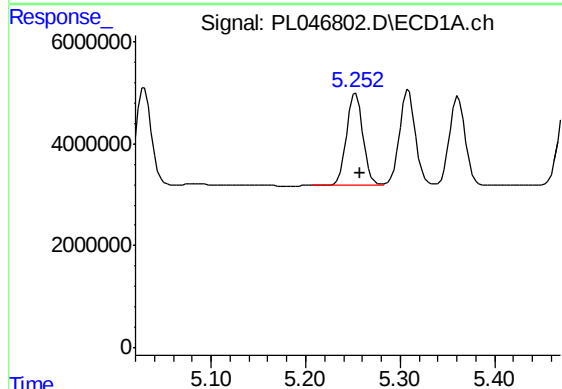
R.T.: 5.362 min
Delta R.T.: -0.005 min
Response: 20071452
Conc: 2.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



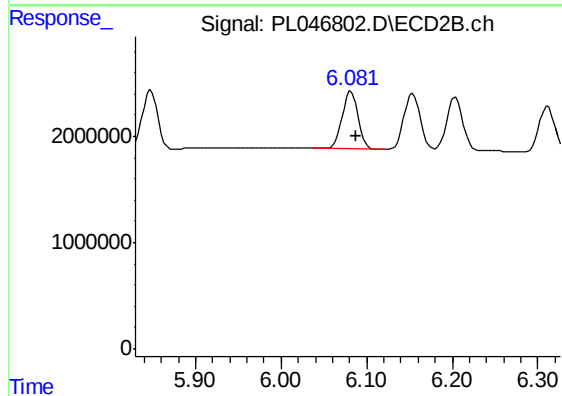
#9 Endosulfan I

R.T.: 6.204 min
Delta R.T.: -0.006 min
Response: 6468598
Conc: 2.48 ng/ml



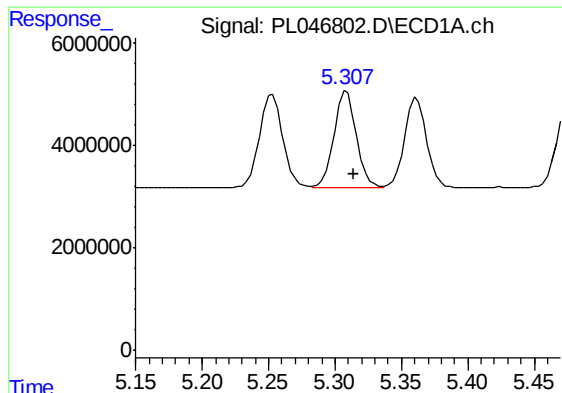
#10 gamma-Chlordane

R.T.: 5.253 min
Delta R.T.: -0.004 min
Response: 21900780
Conc: 2.13 ng/ml



#10 gamma-Chlordane

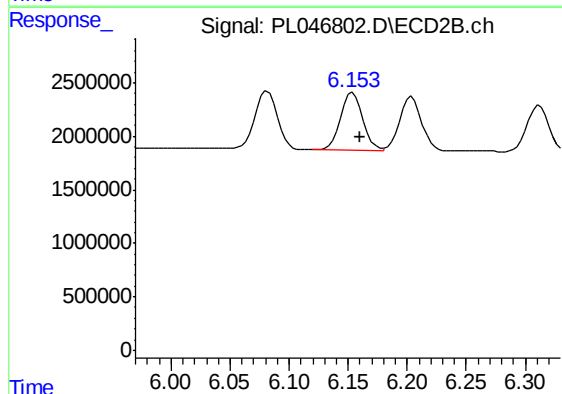
R.T.: 6.082 min
Delta R.T.: -0.006 min
Response: 6967862
Conc: 2.46 ng/ml



#11 alpha-Chlordane

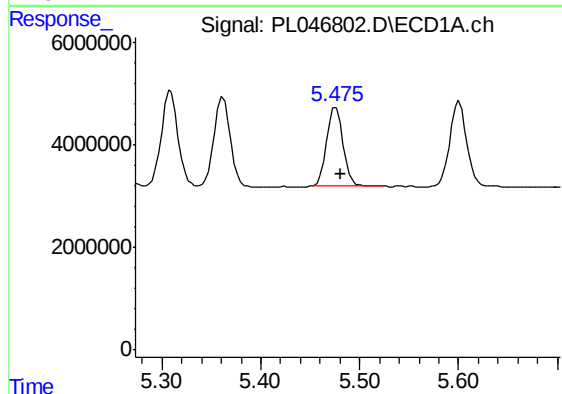
R.T.: 5.309 min
Delta R.T.: -0.005 min
Response: 22220875
Conc: 2.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



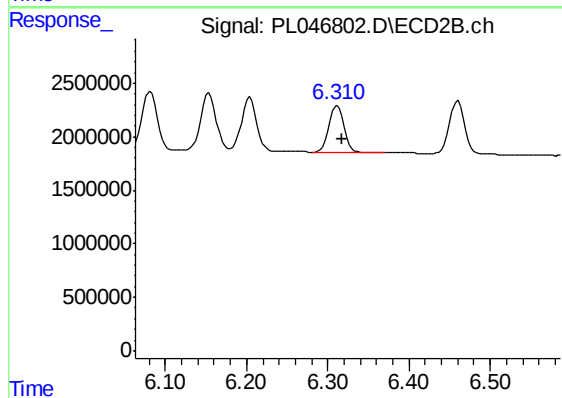
#11 alpha-Chlordane

R.T.: 6.154 min
Delta R.T.: -0.006 min
Response: 7110735
Conc: 2.51 ng/ml



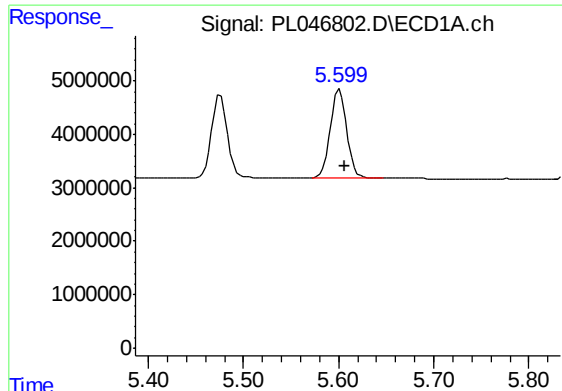
#12 4,4'-DDE

R.T.: 5.476 min
Delta R.T.: -0.005 min
Response: 17735909
Conc: 1.93 ng/ml



#12 4,4'-DDE

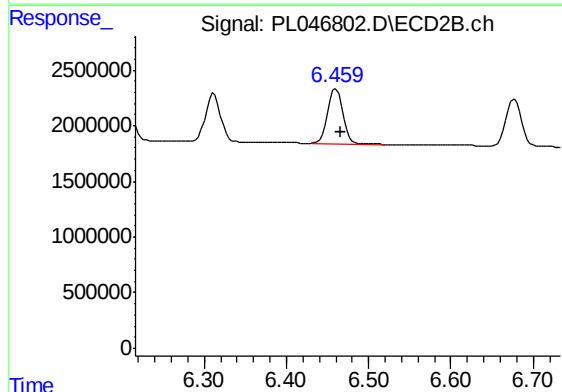
R.T.: 6.312 min
Delta R.T.: -0.006 min
Response: 5570156
Conc: 2.24 ng/ml



#13 Dieldrin

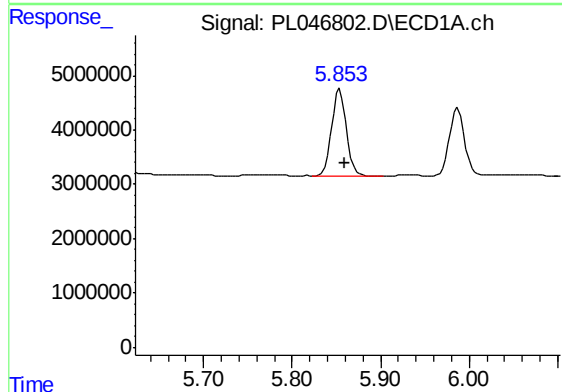
R.T.: 5.601 min
Delta R.T.: -0.005 min
Response: 19872162
Conc: 1.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



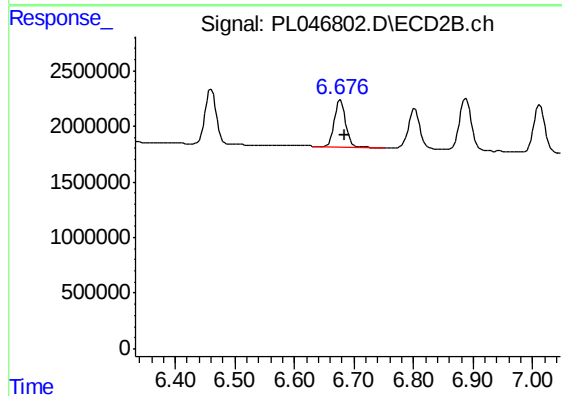
#13 Dieldrin

R.T.: 6.460 min
Delta R.T.: -0.007 min
Response: 6366741
Conc: 2.35 ng/ml



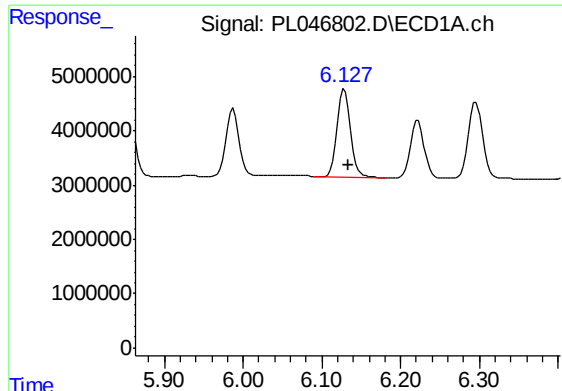
#14 Endrin

R.T.: 5.854 min
Delta R.T.: -0.005 min
Response: 18776053
Conc: 1.99 ng/ml



#14 Endrin

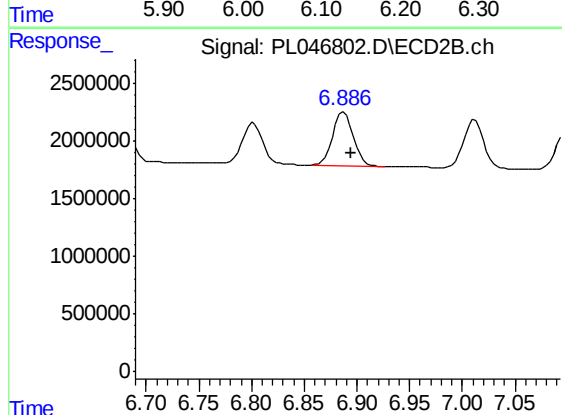
R.T.: 6.678 min
Delta R.T.: -0.007 min
Response: 5627758
Conc: 2.35 ng/ml



#15 Endosulfan II

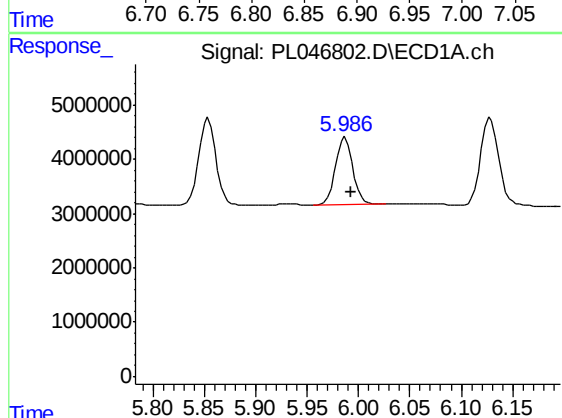
R.T.: 6.129 min
Delta R.T.: -0.005 min
Response: 19811061
Conc: 2.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



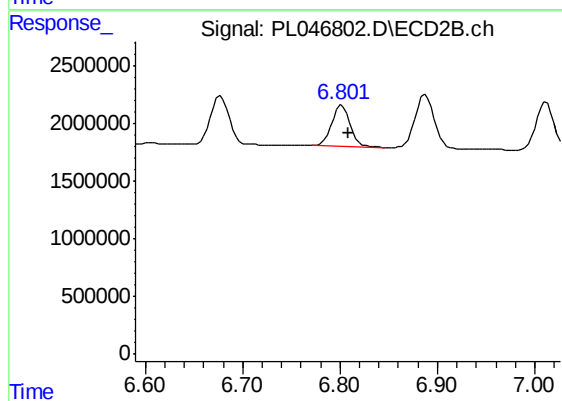
#15 Endosulfan II

R.T.: 6.888 min
Delta R.T.: -0.007 min
Response: 6293752
Conc: 2.61 ng/ml



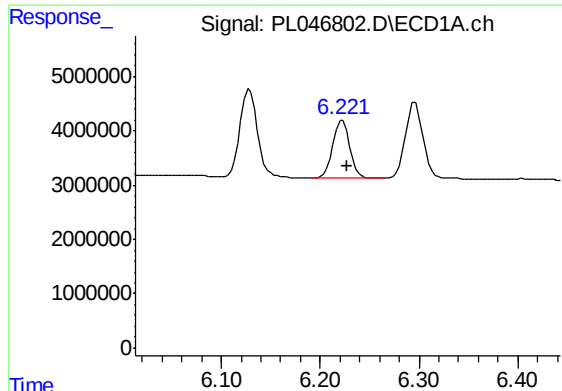
#16 4,4'-DDD

R.T.: 5.987 min
Delta R.T.: -0.005 min
Response: 14610387
Conc: 1.93 ng/ml



#16 4,4'-DDD

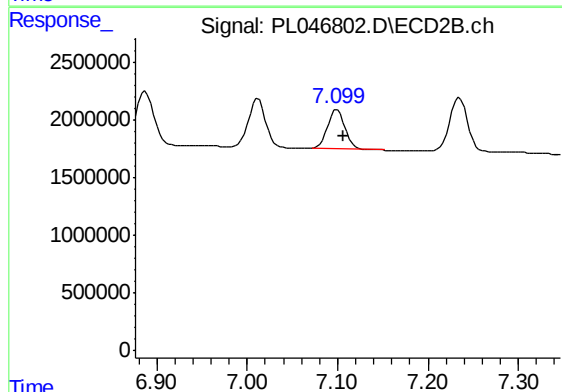
R.T.: 6.802 min
Delta R.T.: -0.006 min
Response: 4692380
Conc: 2.33 ng/ml



#17 4,4'-DDT

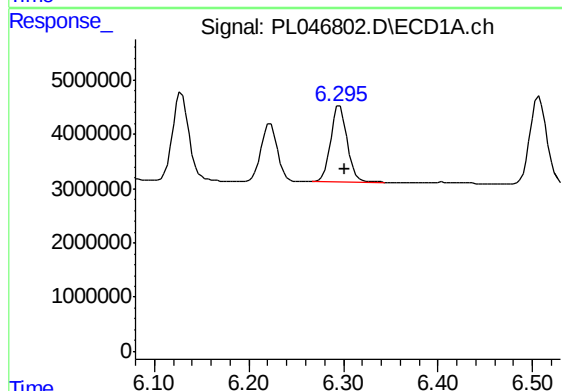
R.T.: 6.223 min
Delta R.T.: -0.005 min
Response: 12822192
Conc: 1.69 ng/ml

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ClientSampleId :
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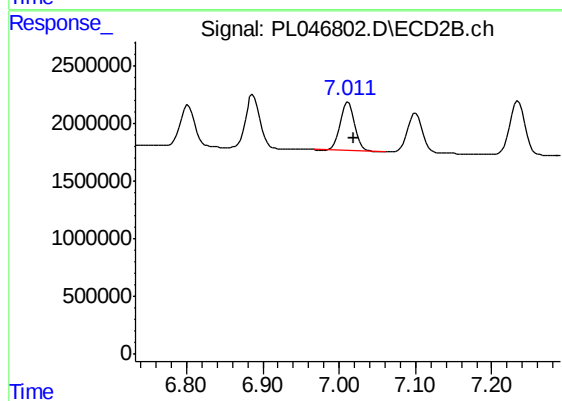
#17 4,4'-DDT

R.T.: 7.100 min
Delta R.T.: -0.007 min
Response: 4577347
Conc: 2.18 ng/ml



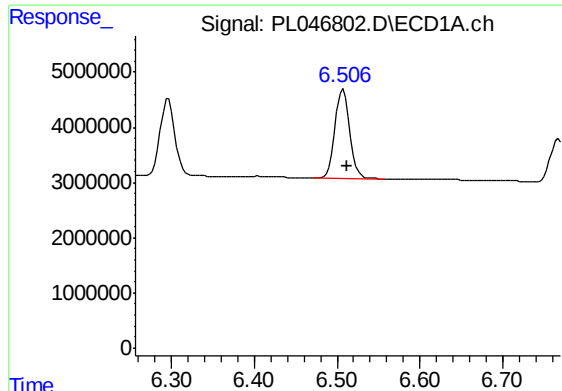
#18 Endrin aldehyde

R.T.: 6.296 min
Delta R.T.: -0.005 min
Response: 17146461
Conc: 2.29 ng/ml



#18 Endrin aldehyde

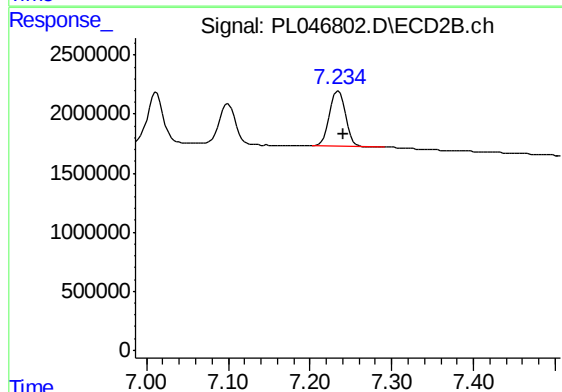
R.T.: 7.012 min
Delta R.T.: -0.007 min
Response: 5573133
Conc: 2.62 ng/ml



#19 Endosulfan Sulfate

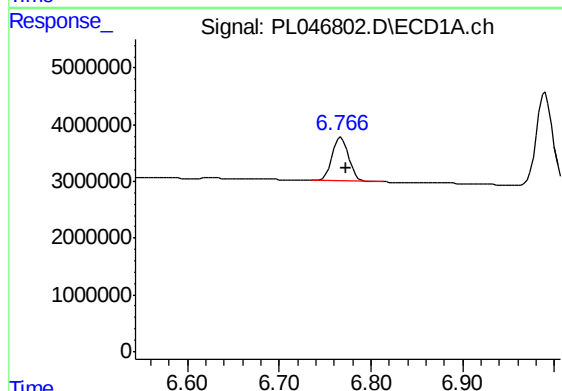
R.T.: 6.507 min
Delta R.T.: -0.005 min
Response: 20030904
Conc: 2.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



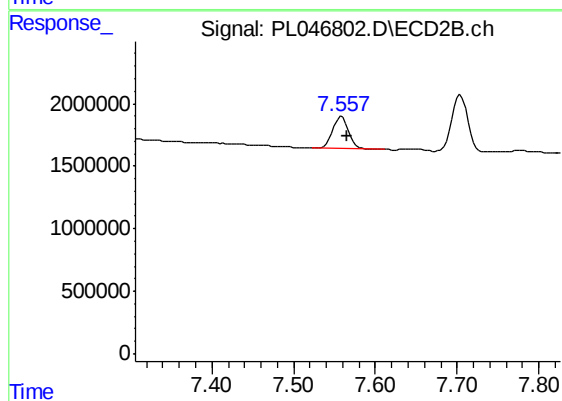
#19 Endosulfan Sulfate

R.T.: 7.235 min
Delta R.T.: -0.007 min
Response: 6387634
Conc: 2.71 ng/ml



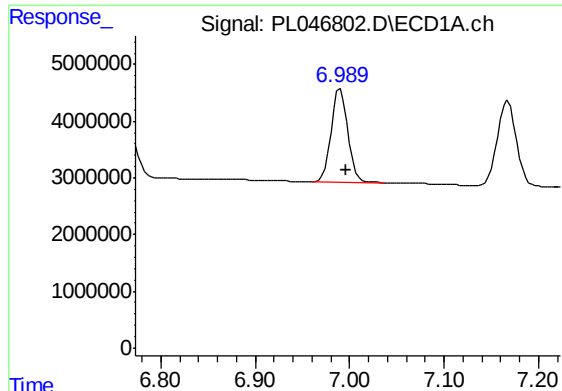
#20 Methoxychlor

R.T.: 6.768 min
Delta R.T.: -0.006 min
Response: 9905619
Conc: 2.33 ng/ml



#20 Methoxychlor

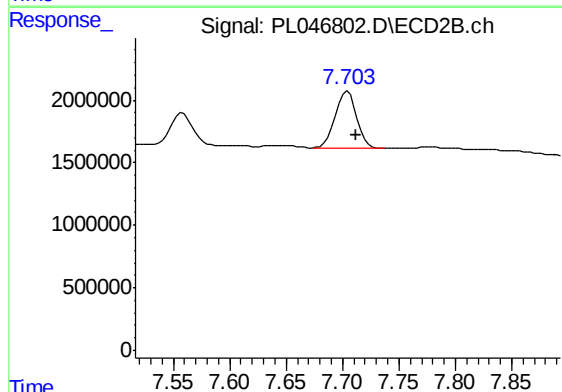
R.T.: 7.559 min
Delta R.T.: -0.007 min
Response: 3463356
Conc: 2.72 ng/ml



#21 Endrin ketone

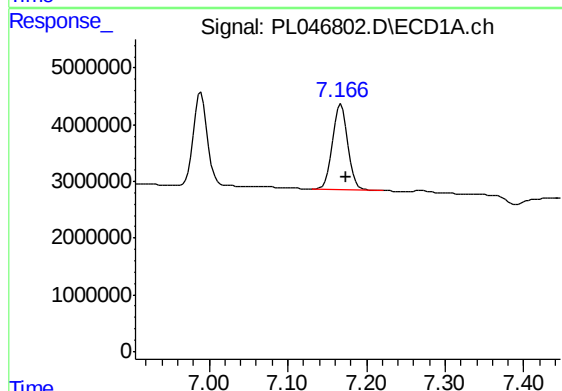
R.T.: 6.990 min
Delta R.T.: -0.006 min
Response: 20282270
Conc: 2.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



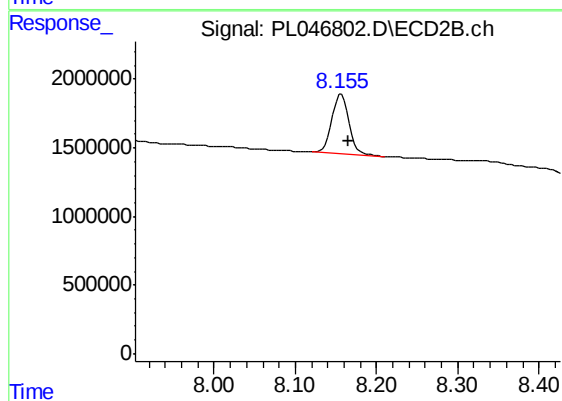
#21 Endrin ketone

R.T.: 7.704 min
Delta R.T.: -0.007 min
Response: 6120190
Conc: 2.46 ng/ml



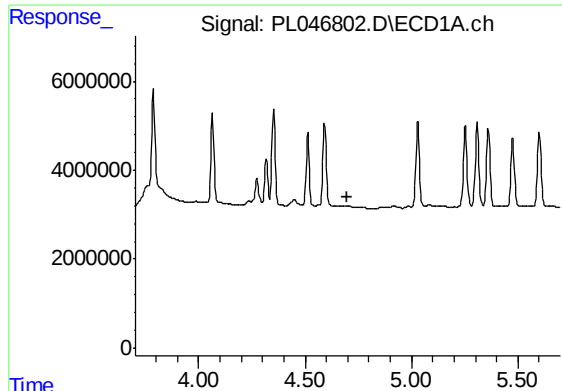
#22 Mirex

R.T.: 7.168 min
Delta R.T.: -0.006 min
Response: 20789845
Conc: 2.85 ng/ml



#22 Mirex

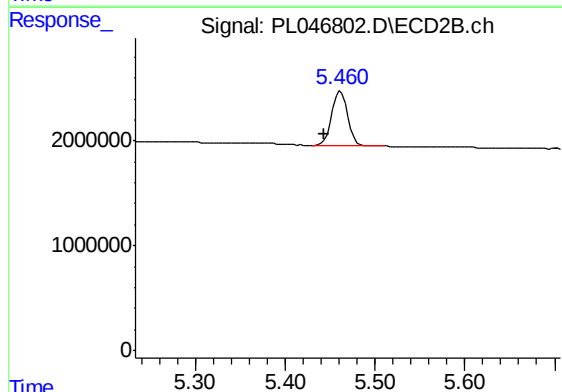
R.T.: 8.156 min
Delta R.T.: -0.008 min
Response: 6356124
Conc: 3.18 ng/ml



#24 Chlordane-2

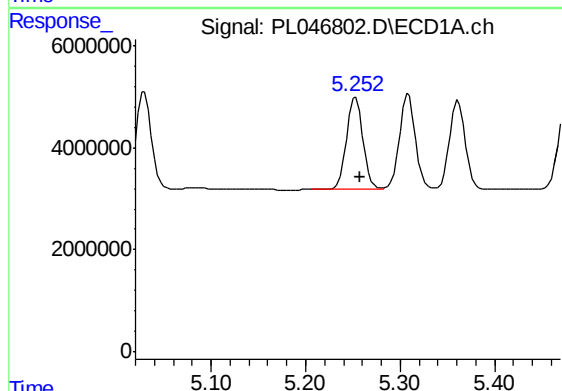
R.T.: 0.000 min
Exp R.T.: 4.701 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



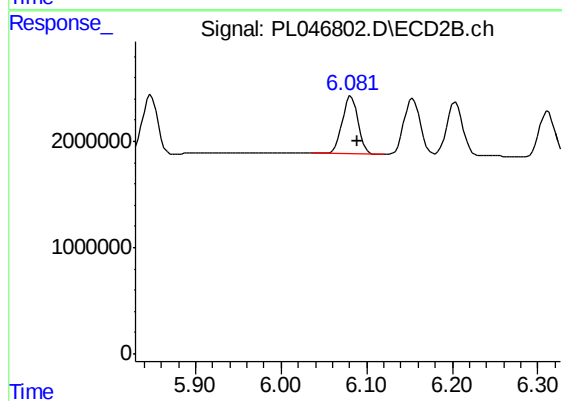
#24 Chlordane-2

R.T.: 5.462 min
Delta R.T.: 0.019 min
Response: 6417034
Conc: 54.94 ng/ml



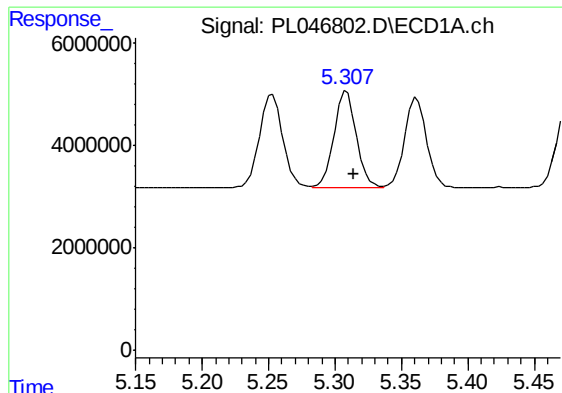
#25 Chlordane-3

R.T.: 5.253 min
Delta R.T.: -0.005 min
Response: 21900780
Conc: 19.67 ng/ml



#25 Chlordane-3

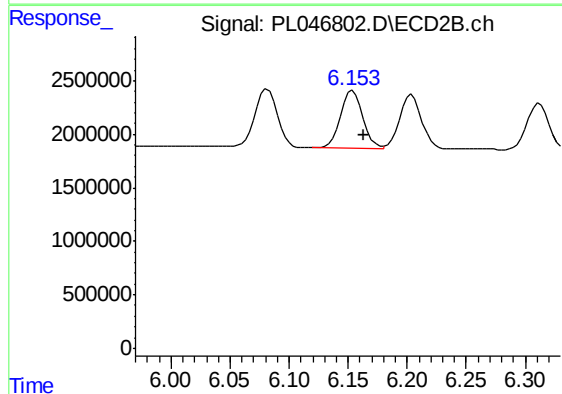
R.T.: 6.082 min
Delta R.T.: -0.007 min
Response: 6967862
Conc: 18.28 ng/ml



#26 Chlordane-4

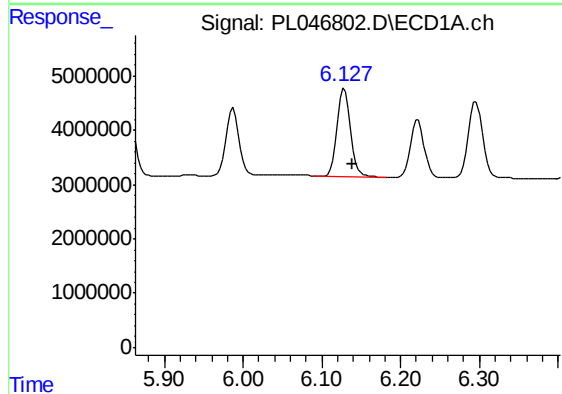
R.T.: 5.309 min
Delta R.T.: -0.005 min
Response: 22220875
Conc: 21.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



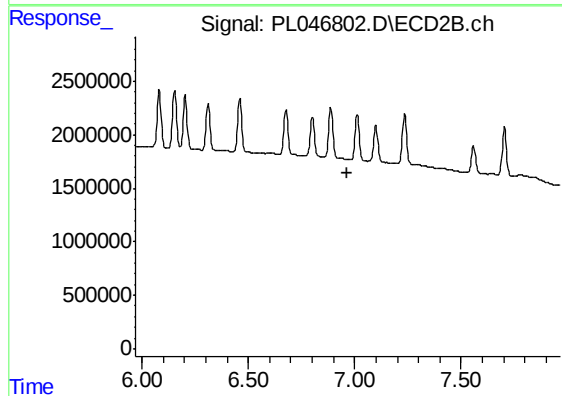
#26 Chlordane-4

R.T.: 6.154 min
Delta R.T.: -0.009 min
Response: 7110735
Conc: 15.41 ng/ml



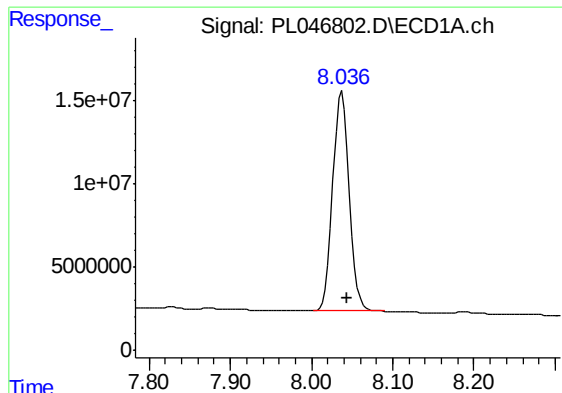
#27 Chlordane-5

R.T.: 6.129 min
Delta R.T.: -0.011 min
Response: 19811061
Conc: 58.05 ng/ml



#27 Chlordane-5

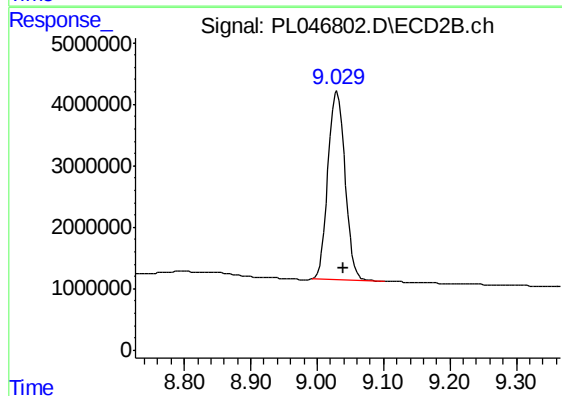
R.T.: 0.000 min
Exp R.T. : 6.967 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.037 min
Delta R.T.: -0.007 min
Response: 186690517
Conc: 22.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2019



#28 Decachlorobiphenyl

R.T.: 9.030 min
Delta R.T.: -0.010 min
Response: 54990343
Conc: 23.72 ng/ml