

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040519\
 Data File : PD052615.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Apr 2019 16:00
 Operator : AJ\SJ
 Sample : K1560-01
 Misc : PEST LOD 2.5 PPB
 ALS Vial : 16 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 04 06:55:26 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 29 13:06:45 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 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 x 0.50µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.221	4.043	28013912	608.5E6	20.076	20.994
28)	SA Decachlor...	7.817	9.161	30226675	386.2E6	22.680	24.831
Target Compounds							
2)	A alpha-BHC	3.640	4.436	4790696	137.7E6	2.107	3.059 #
3)	MA gamma-BHC...	3.909	4.723	8899924	114.7E6	4.070	2.850 #
4)	MA Heptachlor	4.185	5.236	5222190	127.2E6	2.460	3.206 #
5)	MB Aldrin	4.417	5.543	4869595	112.2E6	2.418	3.030 #
6)	B beta-BHC	4.155	4.894	2347925	60851576	2.660	3.363 #
7)	B delta-BHC	4.343	5.114	4081327	36892894	2.001	1.121 #
8)	B Heptachlor...	4.844	5.930	4833908	93940026	2.543	2.910
9)	A Endosulfan I	5.166	6.290	4522828	94120305	2.531	3.222 #
10)	B gamma-Chl...	5.061	6.166	5021874	103.2E6	2.575	3.224 #
11)	B alpha-Chl...	5.117	6.240	5036196	102.9E6	2.609	3.278 #
12)	B 4,4'-DDE	5.287	6.396	4159913	92328213	2.231	3.024 #
13)	MA Dieldrin	5.400	6.549	4664418	94464510	2.412	3.158 #
14)	MA Endrin	5.648	6.768	4401069	77810232	2.390	3.105 #
15)	B Endosulfa...	5.918	6.978	4287336	86092209	2.498	3.455 #
16)	A 4,4'-DDD	5.788	6.888	3743046	80235499	2.449	3.355 #
17)	MA 4,4'-DDT	6.019	7.189	3034456	46342272	2.109	2.487
18)	B Endrin al...	6.084	7.102	3569076	74566798	2.490	3.622 #
19)	B Endosulfa...	6.292	7.327	4490463	72854506	2.928	3.312
20)	A Methoxychlor	6.565	7.648	2096280	27599318	2.481	2.759
21)	B Endrin ke...	6.768	7.801	4706902	64107156	2.588	3.129
22)	Mirex	6.936	8.259	2884937	45387299	2.355	3.520 #
24)	Chlordane-2	0.000	5.543f	0	112.2E6	N.D.	80.102 #
25)	Chlordane-3	5.061	6.166	5021874	103.2E6	22.709	23.377
26)	Chlordane-4	5.117	6.240	5036196	102.9E6	23.745	20.234
27)	Chlordane-5	5.918	7.052	4287336	3210785	65.926	3.480 #

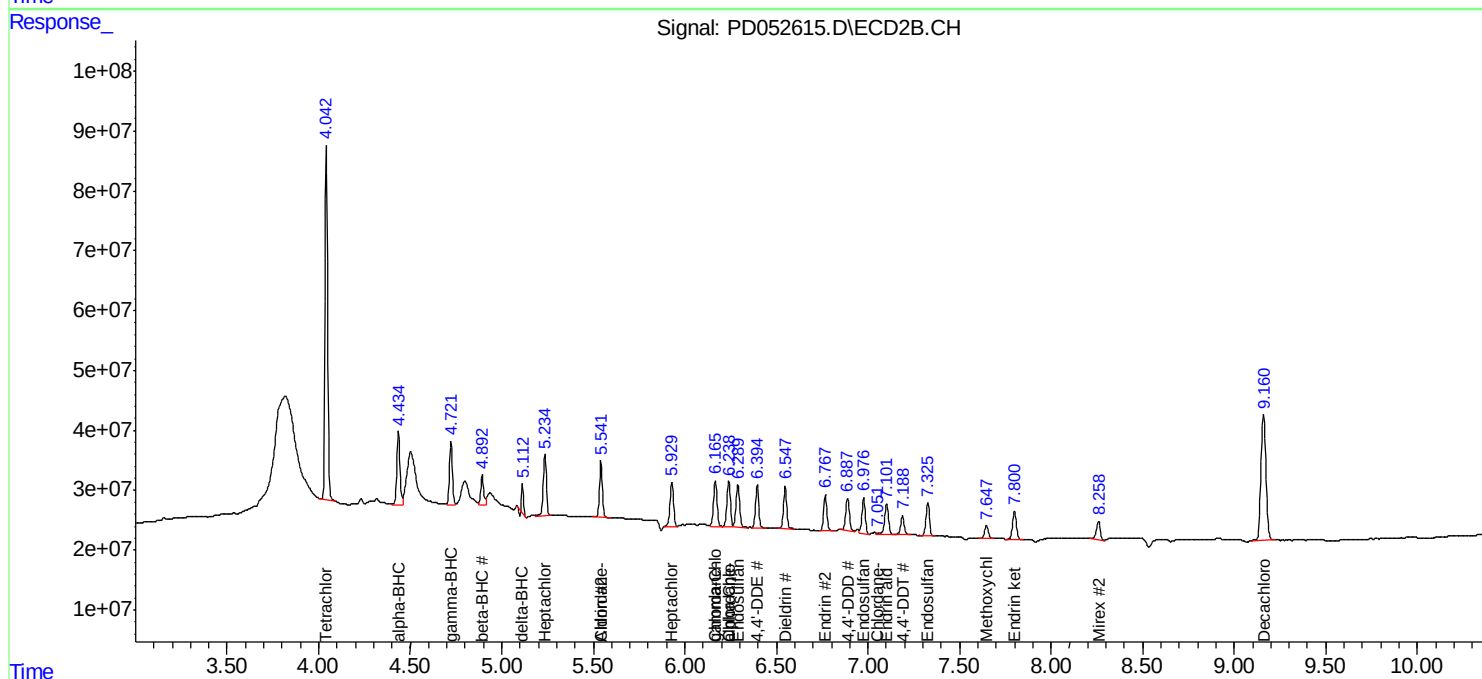
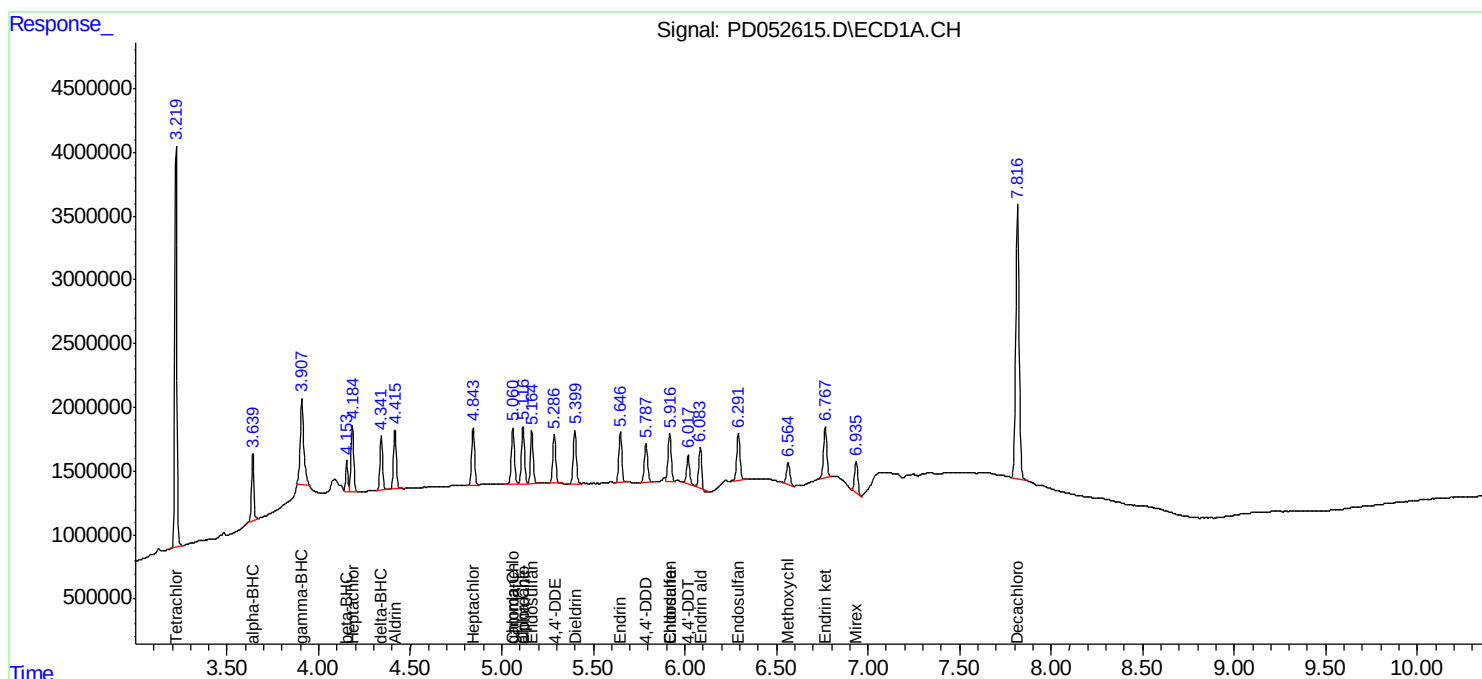
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

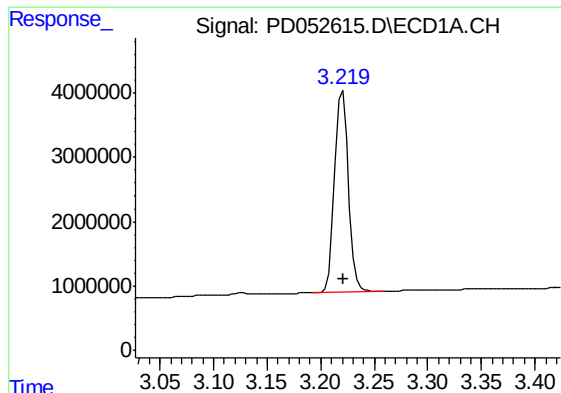
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040519\
Data File : PD052615.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 03 Apr 2019 16:00
Operator : AJ\SJ
Sample : K1560-01
Misc : PEST LOD 2.5 PPB
ALS Vial : 16 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 04 06:55:26 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD032919.M
Quant Title : GC Extractables
QLast Update : Fri Mar 29 13:06:45 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 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 x 0.50µm

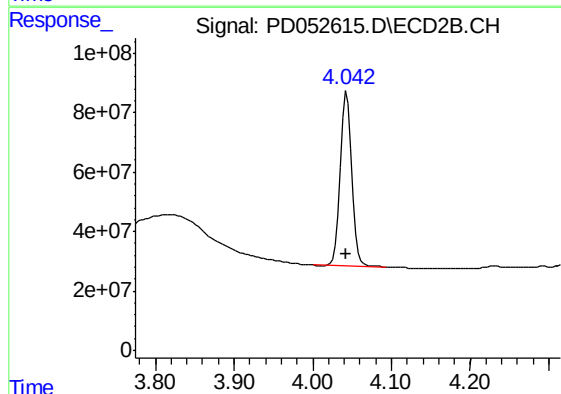




#1 Tetrachloro-m-xylene

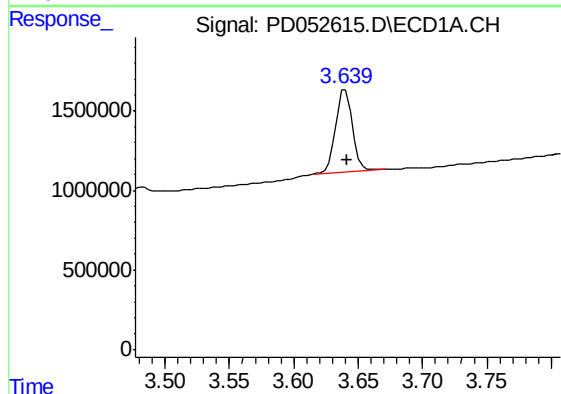
R.T.: 3.221 min
Delta R.T.: 0.000 min
Response: 28013912
Conc: 20.08 ng/ml

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



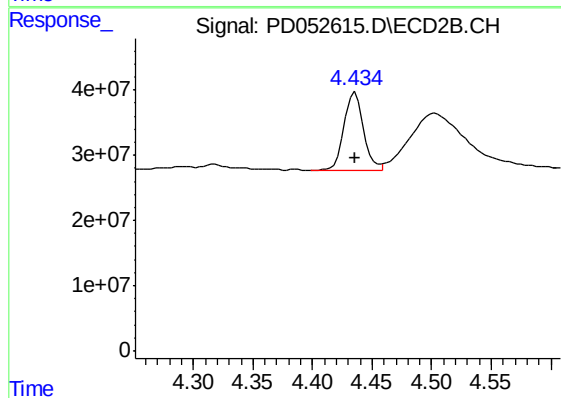
#1 Tetrachloro-m-xylene

R.T.: 4.043 min
Delta R.T.: 0.000 min
Response: 608482901
Conc: 20.99 ng/ml



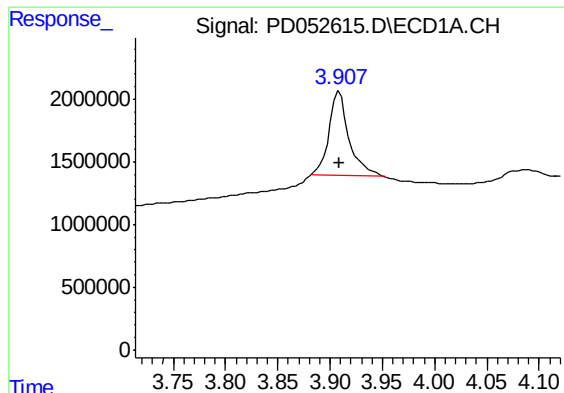
#2 alpha-BHC

R.T.: 3.640 min
Delta R.T.: -0.001 min
Response: 4790696
Conc: 2.11 ng/ml



#2 alpha-BHC

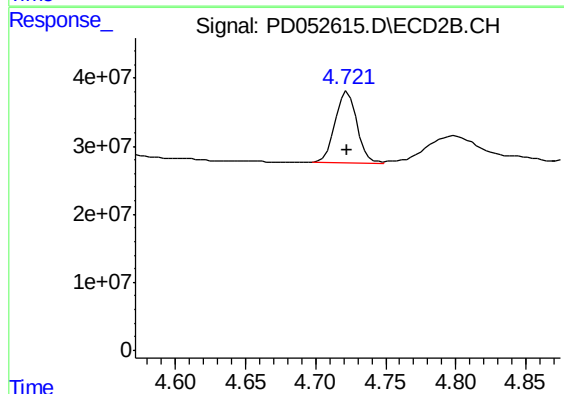
R.T.: 4.436 min
Delta R.T.: 0.000 min
Response: 137664018
Conc: 3.06 ng/ml



#3 gamma-BHC (Lindane)

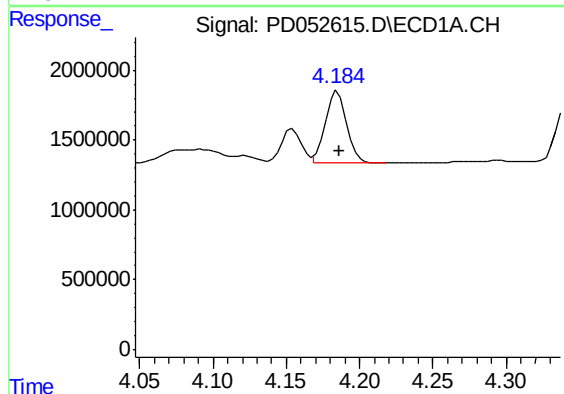
R.T.: 3.909 min
Delta R.T.: 0.000 min
Response: 8899924
Conc: 4.07 ng/ml

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



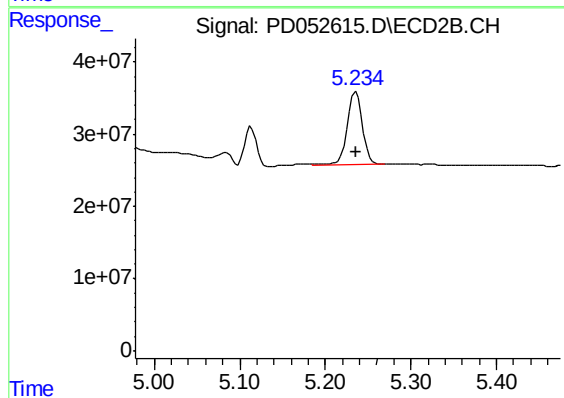
#3 gamma-BHC (Lindane)

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 114651439
Conc: 2.85 ng/ml



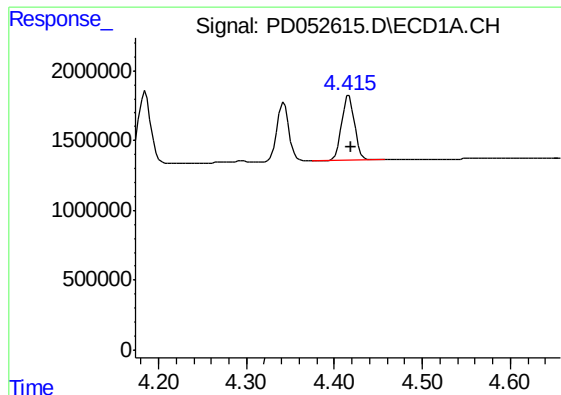
#4 Heptachlor

R.T.: 4.185 min
Delta R.T.: -0.001 min
Response: 5222190
Conc: 2.46 ng/ml



#4 Heptachlor

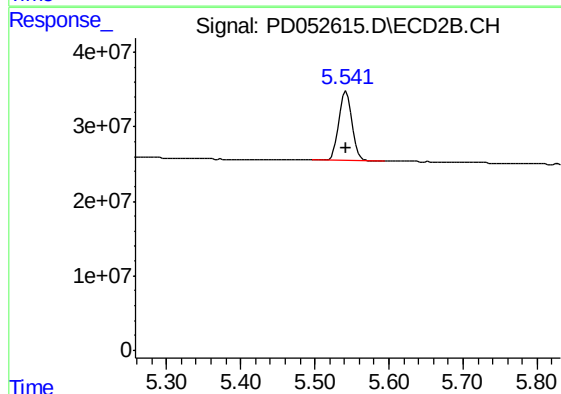
R.T.: 5.236 min
Delta R.T.: 0.000 min
Response: 127193695
Conc: 3.21 ng/ml



#5 Aldrin

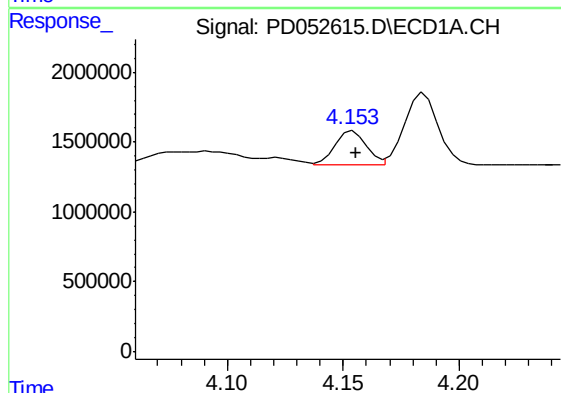
R.T.: 4.417 min
Delta R.T.: -0.002 min
Response: 4869595
Conc: 2.42 ng/ml

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



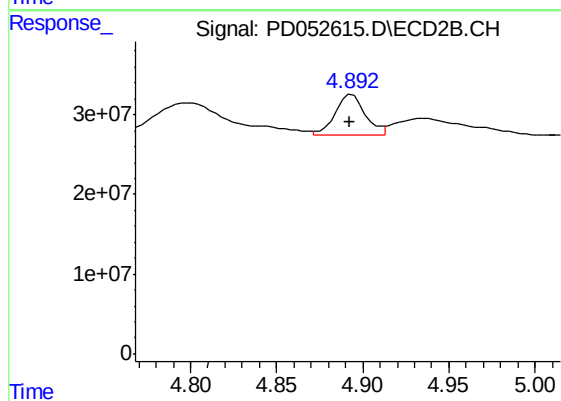
#5 Aldrin

R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 112180767
Conc: 3.03 ng/ml



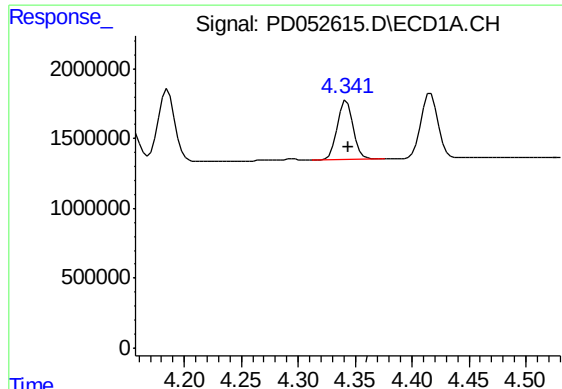
#6 beta-BHC

R.T.: 4.155 min
Delta R.T.: 0.000 min
Response: 2347925
Conc: 2.66 ng/ml



#6 beta-BHC

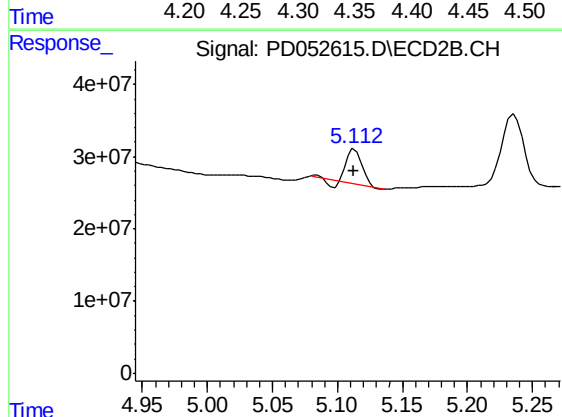
R.T.: 4.894 min
Delta R.T.: 0.000 min
Response: 60851576
Conc: 3.36 ng/ml



#7 delta-BHC

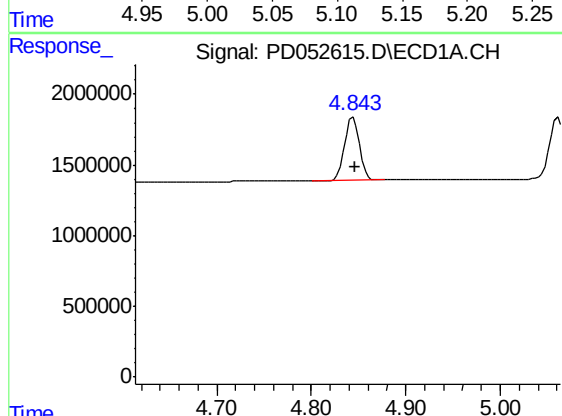
R.T.: 4.343 min
Delta R.T.: -0.001 min
Response: 4081327
Conc: 2.00 ng/ml

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



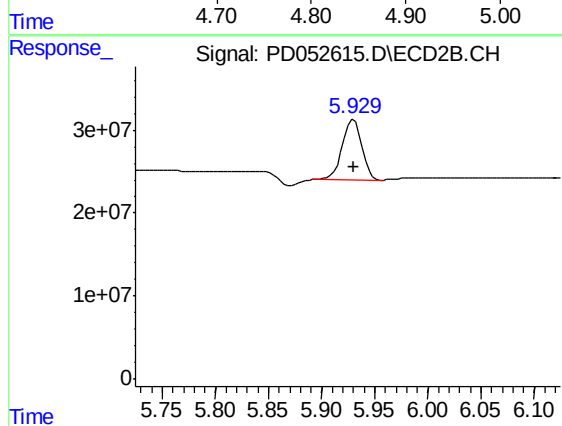
#7 delta-BHC

R.T.: 5.114 min
Delta R.T.: 0.001 min
Response: 36892894
Conc: 1.12 ng/ml



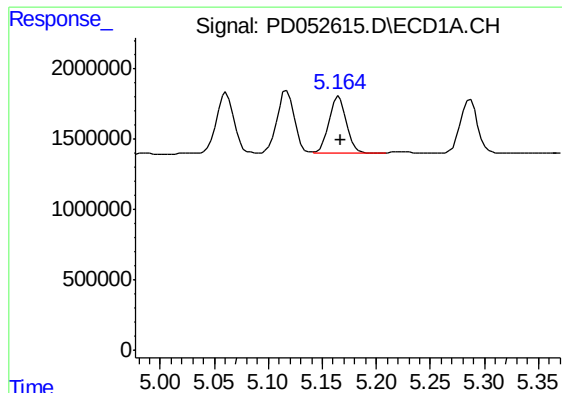
#8 Heptachlor epoxide

R.T.: 4.844 min
Delta R.T.: -0.001 min
Response: 4833908
Conc: 2.54 ng/ml



#8 Heptachlor epoxide

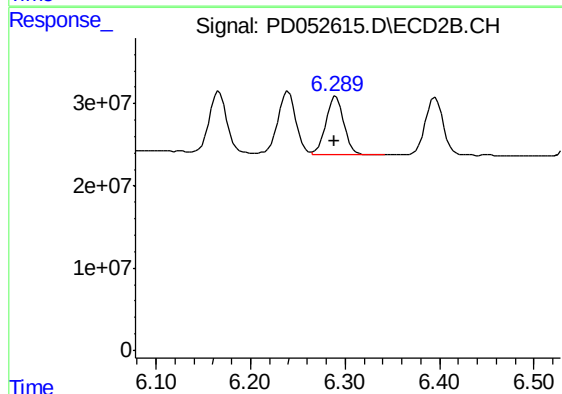
R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 93940026
Conc: 2.91 ng/ml



#9 Endosulfan I

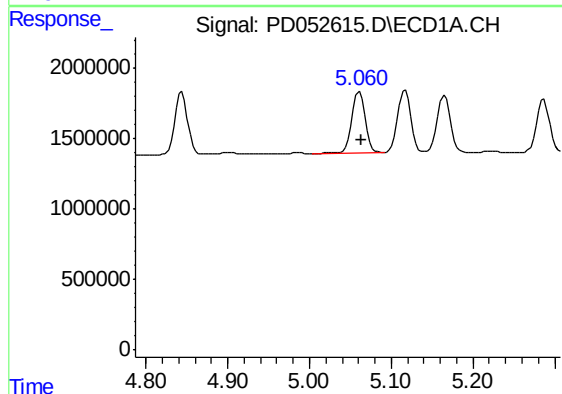
R.T.: 5.166 min
Delta R.T.: -0.002 min
Response: 4522828
Conc: 2.53 ng/ml

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



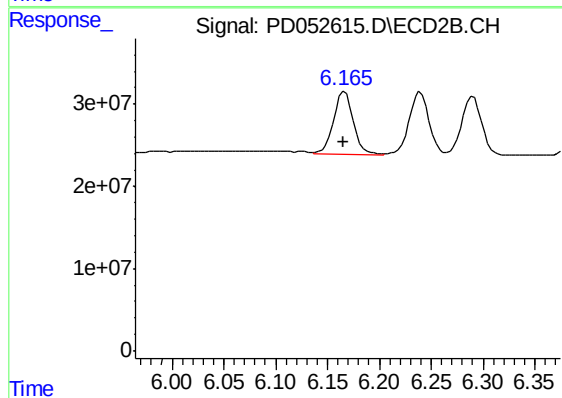
#9 Endosulfan I

R.T.: 6.290 min
Delta R.T.: 0.001 min
Response: 94120305
Conc: 3.22 ng/ml



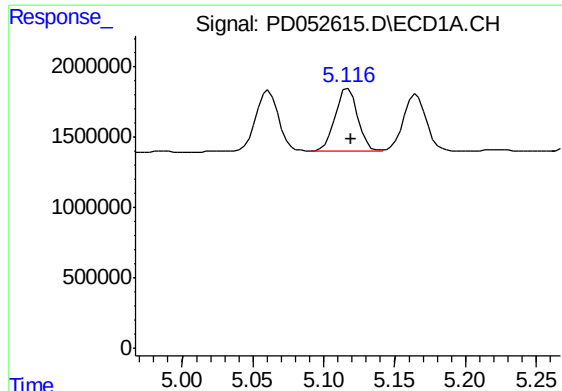
#10 gamma-Chlordane

R.T.: 5.061 min
Delta R.T.: -0.001 min
Response: 5021874
Conc: 2.58 ng/ml



#10 gamma-Chlordane

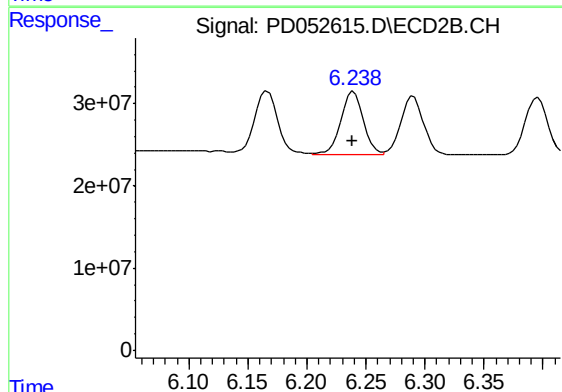
R.T.: 6.166 min
Delta R.T.: 0.001 min
Response: 103158541
Conc: 3.22 ng/ml



#11 alpha-Chlordane

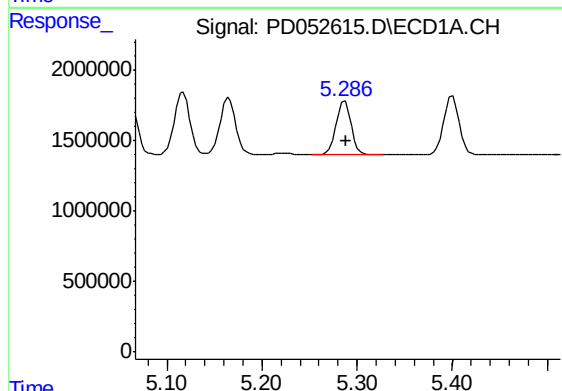
R.T.: 5.117 min
Delta R.T.: -0.002 min
Response: 5036196
Conc: 2.61 ng/ml

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



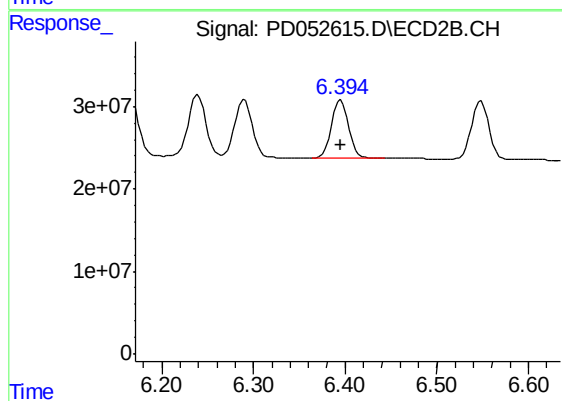
#11 alpha-Chlordane

R.T.: 6.240 min
Delta R.T.: 0.001 min
Response: 102893368
Conc: 3.28 ng/ml



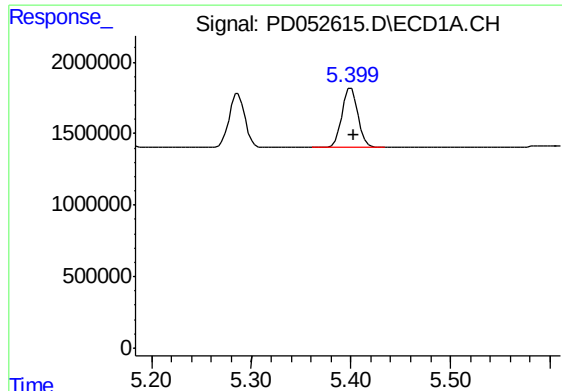
#12 4,4'-DDE

R.T.: 5.287 min
Delta R.T.: -0.001 min
Response: 4159913
Conc: 2.23 ng/ml



#12 4,4'-DDE

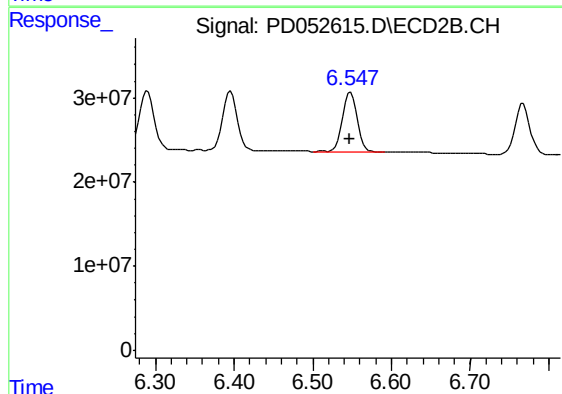
R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 92328213
Conc: 3.02 ng/ml



#13 Dielddrin

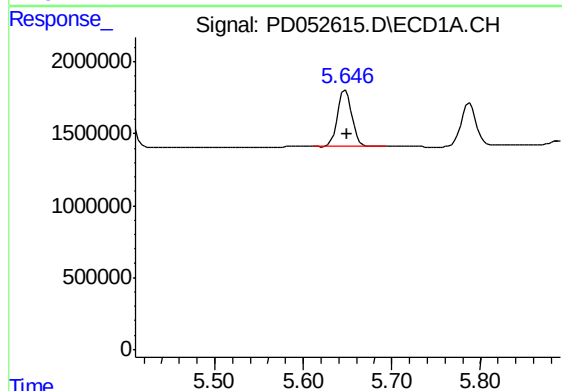
R.T.: 5.400 min
Delta R.T.: -0.002 min
Response: 4664418
Conc: 2.41 ng/ml

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



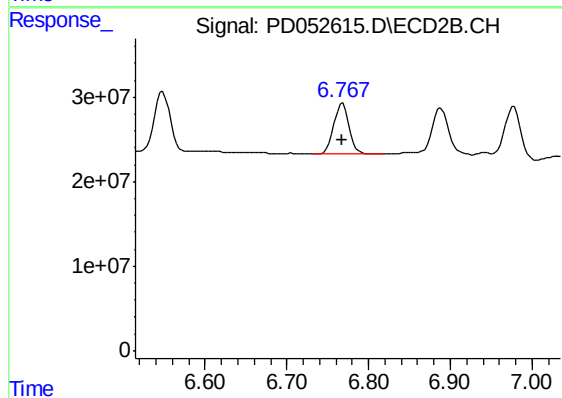
#13 Dielddrin

R.T.: 6.549 min
Delta R.T.: 0.000 min
Response: 94464510
Conc: 3.16 ng/ml



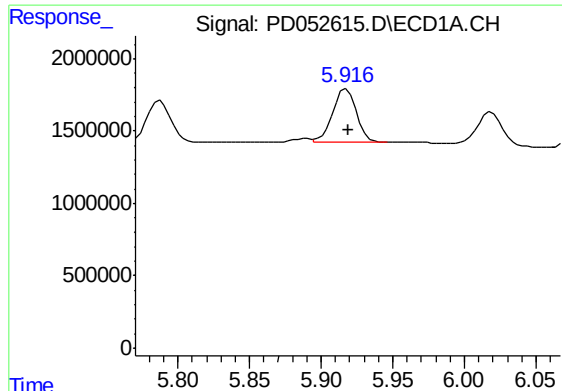
#14 Endrin

R.T.: 5.648 min
Delta R.T.: -0.002 min
Response: 4401069
Conc: 2.39 ng/ml



#14 Endrin

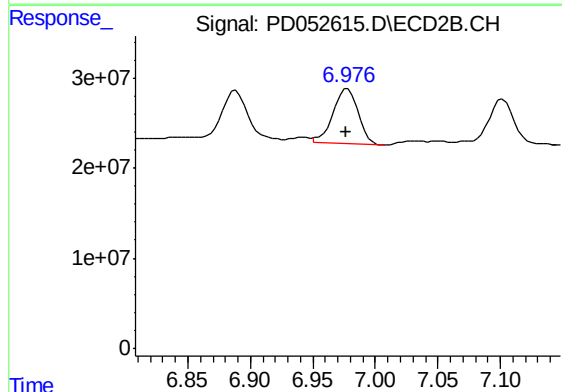
R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 77810232
Conc: 3.11 ng/ml



#15 Endosulfan II

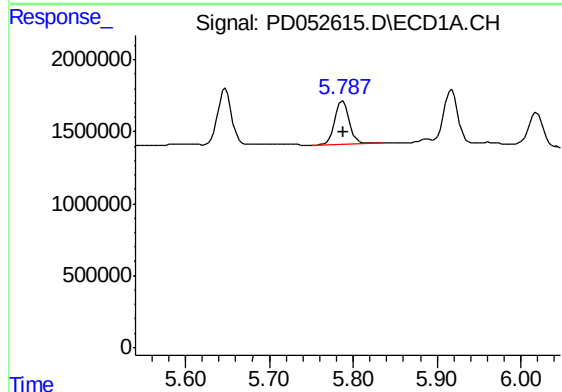
R.T.: 5.918 min
Delta R.T.: -0.002 min
Response: 4287336
Conc: 2.50 ng/ml

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



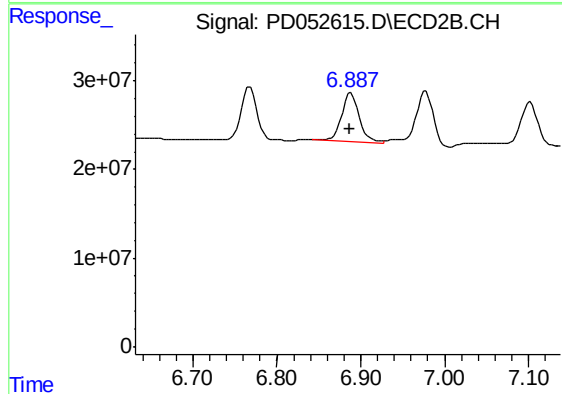
#15 Endosulfan II

R.T.: 6.978 min
Delta R.T.: 0.001 min
Response: 86092209
Conc: 3.46 ng/ml



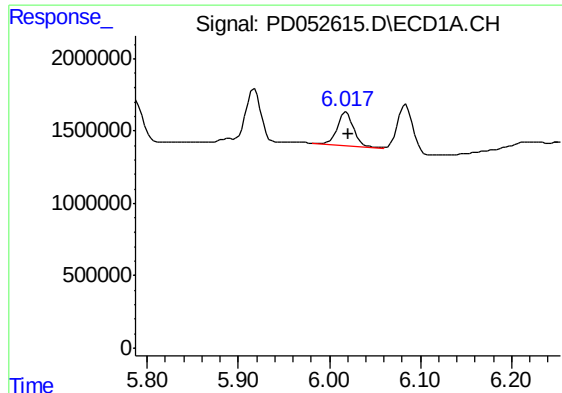
#16 4,4'-DDD

R.T.: 5.788 min
Delta R.T.: -0.001 min
Response: 3743046
Conc: 2.45 ng/ml



#16 4,4'-DDD

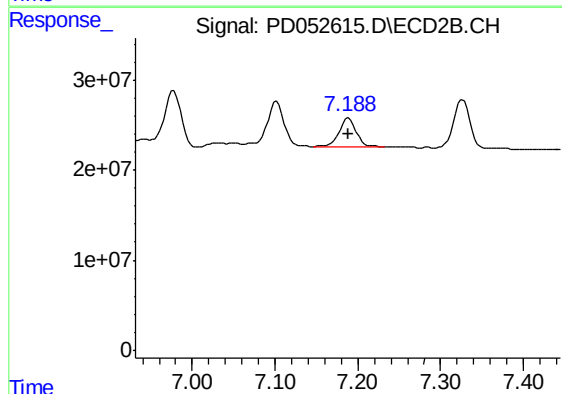
R.T.: 6.888 min
Delta R.T.: 0.000 min
Response: 80235499
Conc: 3.35 ng/ml



#17 4,4'-DDT

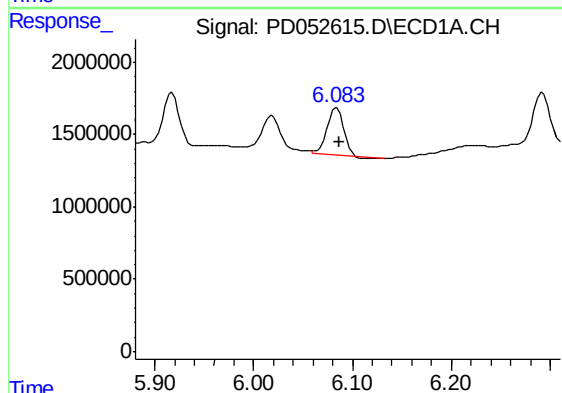
R.T.: 6.019 min
Delta R.T.: -0.002 min
Response: 3034456
Conc: 2.11 ng/ml

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



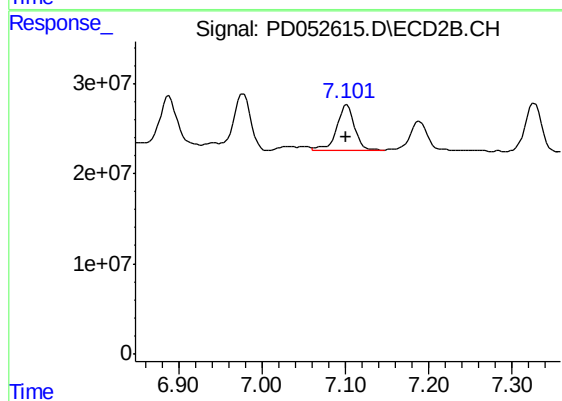
#17 4,4'-DDT

R.T.: 7.189 min
Delta R.T.: 0.001 min
Response: 46342272
Conc: 2.49 ng/ml



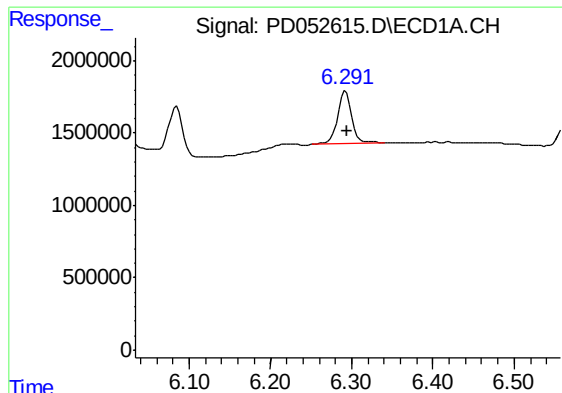
#18 Endrin aldehyde

R.T.: 6.084 min
Delta R.T.: -0.003 min
Response: 3569076
Conc: 2.49 ng/ml



#18 Endrin aldehyde

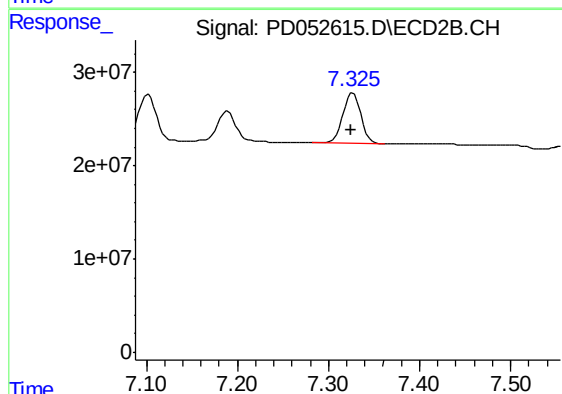
R.T.: 7.102 min
Delta R.T.: 0.001 min
Response: 74566798
Conc: 3.62 ng/ml



#19 Endosulfan Sulfate

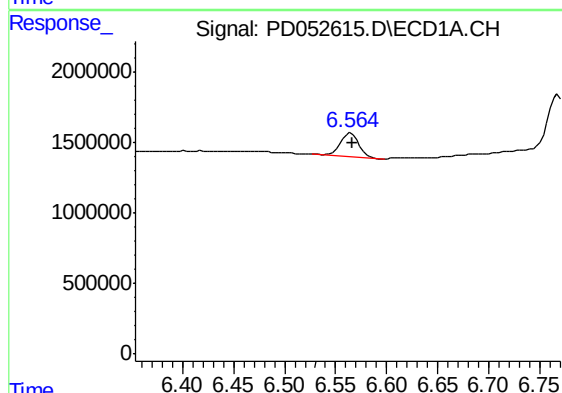
R.T.: 6.292 min
Delta R.T.: -0.002 min
Response: 4490463
Conc: 2.93 ng/ml

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



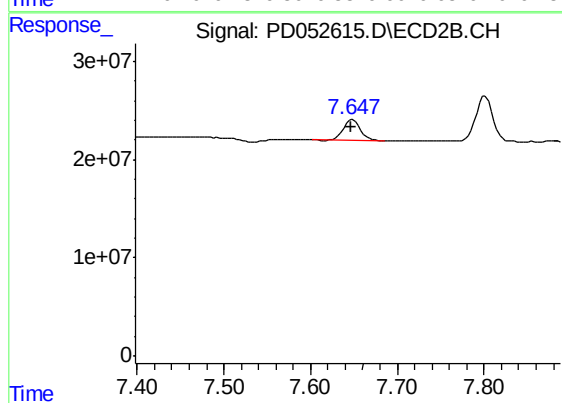
#19 Endosulfan Sulfate

R.T.: 7.327 min
Delta R.T.: 0.001 min
Response: 72854506
Conc: 3.31 ng/ml



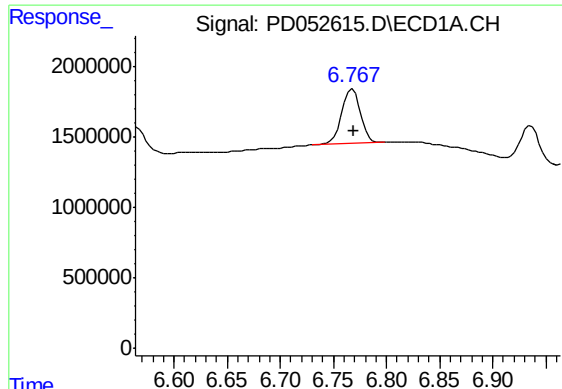
#20 Methoxychlor

R.T.: 6.565 min
Delta R.T.: -0.002 min
Response: 2096280
Conc: 2.48 ng/ml



#20 Methoxychlor

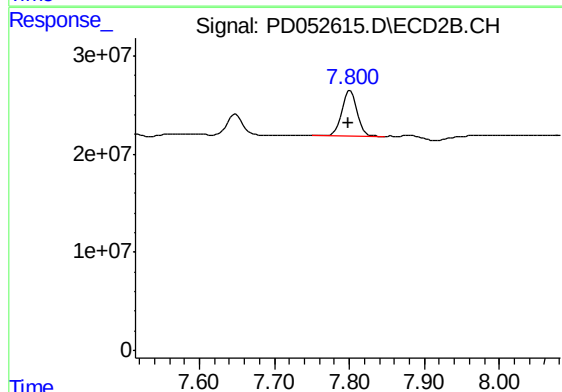
R.T.: 7.648 min
Delta R.T.: 0.002 min
Response: 27599318
Conc: 2.76 ng/ml



#21 Endrin ketone

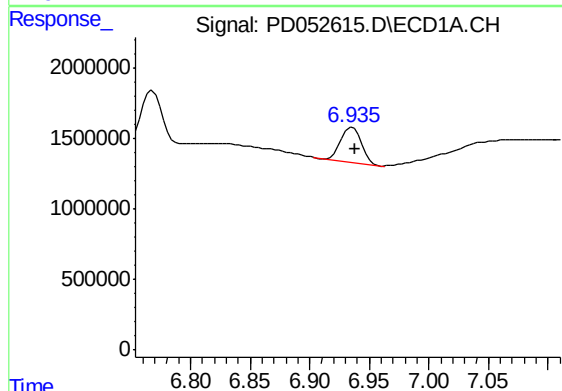
R.T.: 6.768 min
Delta R.T.: -0.002 min
Response: 4706902
Conc: 2.59 ng/ml

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



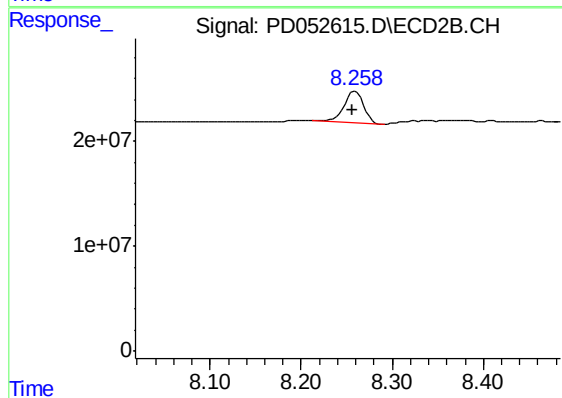
#21 Endrin ketone

R.T.: 7.801 min
Delta R.T.: 0.003 min
Response: 64107156
Conc: 3.13 ng/ml



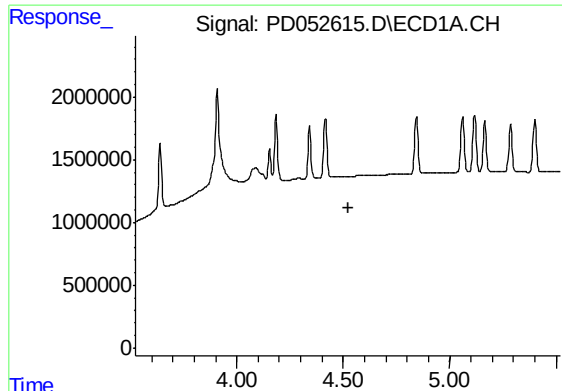
#22 Mirex

R.T.: 6.936 min
Delta R.T.: -0.002 min
Response: 2884937
Conc: 2.35 ng/ml



#22 Mirex

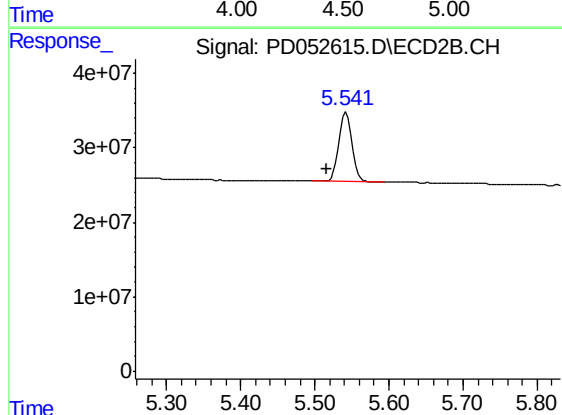
R.T.: 8.259 min
Delta R.T.: 0.002 min
Response: 45387299
Conc: 3.52 ng/ml



#24 Chlordane-2

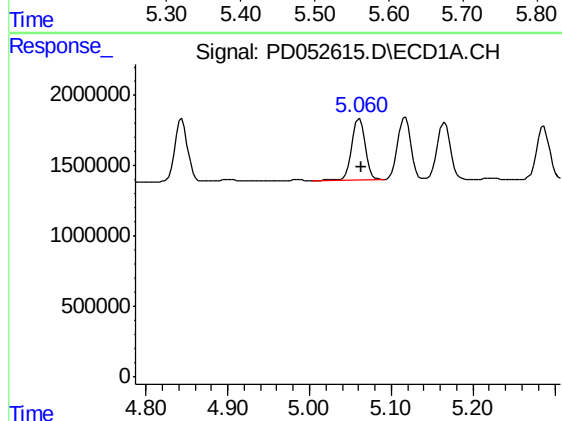
R.T.: 0.000 min
Exp R.T.: 4.523 min
Response: 0
Conc: N.D.

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



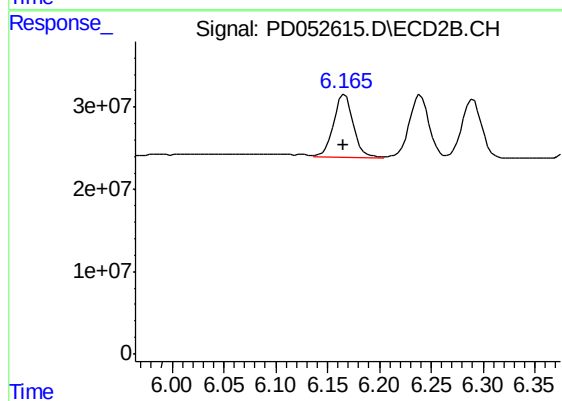
#24 Chlordane-2

R.T.: 5.543 min
Delta R.T.: 0.026 min
Response: 112180767
Conc: 80.10 ng/ml



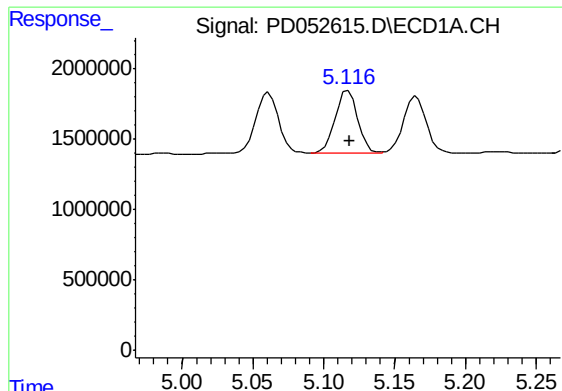
#25 Chlordane-3

R.T.: 5.061 min
Delta R.T.: -0.002 min
Response: 5021874
Conc: 22.71 ng/ml



#25 Chlordane-3

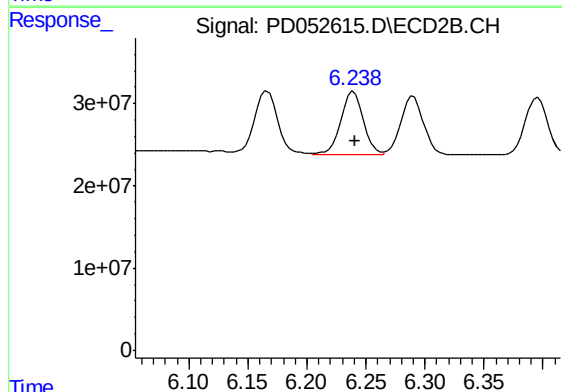
R.T.: 6.166 min
Delta R.T.: 0.000 min
Response: 103158541
Conc: 23.38 ng/ml



#26 Chlordane-4

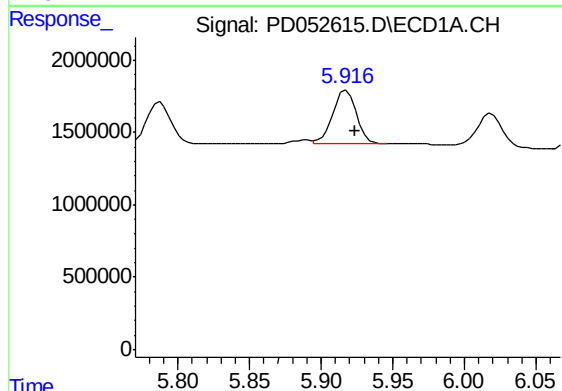
R.T.: 5.117 min
Delta R.T.: -0.001 min
Response: 5036196
Conc: 23.75 ng/ml

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



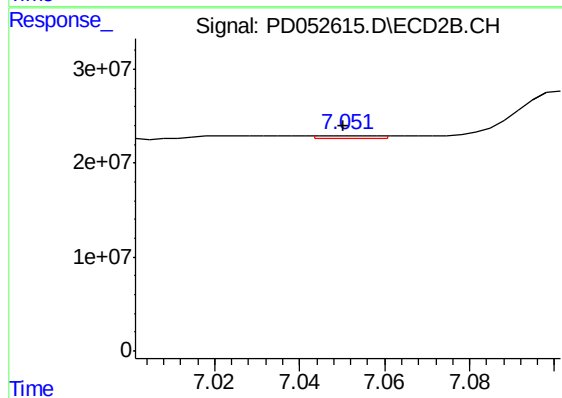
#26 Chlordane-4

R.T.: 6.240 min
Delta R.T.: -0.001 min
Response: 102893368
Conc: 20.23 ng/ml



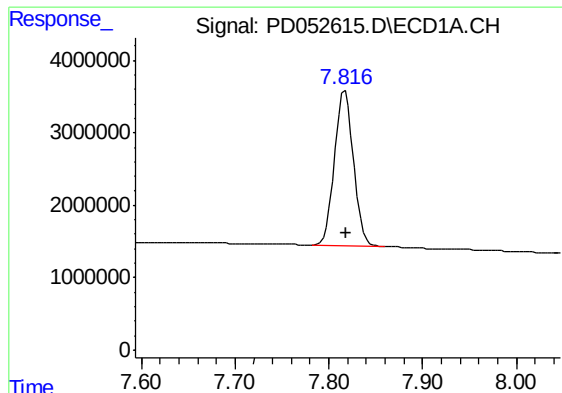
#27 Chlordane-5

R.T.: 5.918 min
Delta R.T.: -0.006 min
Response: 4287336
Conc: 65.93 ng/ml



#27 Chlordane-5

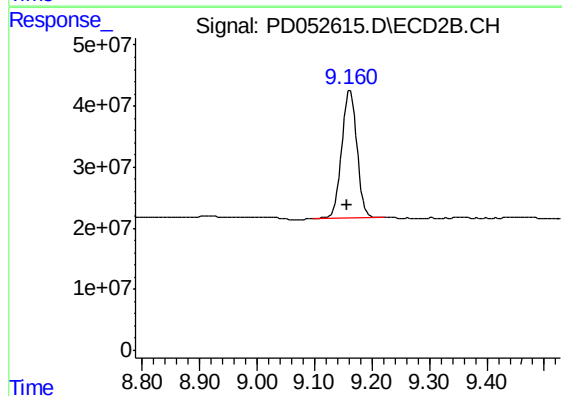
R.T.: 7.052 min
Delta R.T.: 0.001 min
Response: 3210785
Conc: 3.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.817 min
Delta R.T.: -0.001 min
Response: 30226675
Conc: 22.68 ng/ml

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



#28 Decachlorobiphenyl

R.T.: 9.161 min
Delta R.T.: 0.005 min
Response: 386157016
Conc: 24.83 ng/ml