

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040519\
 Data File : PD052614.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 03 Apr 2019 15:46
 Operator : AJ\SJ
 Sample : K1560-01
 Misc : PEST LOD 1 PPB
 ALS Vial : 15 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 06:54:54 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...	3.220	4.043	27568115	584.4E6	19.756	20.164
28)	SA Decachlor...	7.818	9.161	29892787	384.1E6	22.429	24.701
Target Compounds							
2)	A alpha-BHC	3.640	4.435	1814037	54388858	0.798	1.208 #
3)	MA gamma-BHC...	3.909	4.722	5998219	42727440	2.743	1.062 #
4)	MA Heptachlor	4.185	5.236	1935135	52316045	0.911	1.319 #
5)	MB Aldrin	4.416	5.543	1889845	45178595	0.939	1.220 #
6)	B beta-BHC	4.155	4.893	916917	26663582	1.039	1.474 #
7)	B delta-BHC	4.342	5.115	1486301	-5905209	0.729	N.D. #
8)	B Heptachlor...	4.844	5.929	1955752	35190928	1.029	1.090
9)	A Endosulfan I	5.165	6.290	1618325	40400778	0.906	1.383 #
10)	B gamma-Chl...	5.061	6.167	1849021	44861301	0.948	1.402 #
11)	B alpha-Chl...	5.117	6.239	1879227	42914989	0.974	1.367 #
12)	B 4,4'-DDE	5.287	6.396	1547069	37014838	0.830	1.212 #
13)	MA Dieldrin	5.400	6.548	1713361	37685826	0.886	1.260 #
14)	MA Endrin	5.648	6.768	1501135	29109200	0.815	1.162 #
15)	B Endosulfa...	5.917	6.978	1784964	36679296	1.040	1.472 #
16)	A 4,4'-DDD	5.788	6.888	1342034	34680933	0.878	1.450 #
17)	MA 4,4'-DDT	6.018	7.189	1220885	19585311	0.849	1.051
18)	B Endrin al...	6.084	7.102	1459815	33105429	1.018	1.608 #
19)	B Endosulfa...	6.292	7.326	1451231	29771204	0.946	1.353 #
20)	A Methoxychlor	0.000	7.649	0	10253188	N.D.	1.025 #
21)	B Endrin ke...	6.768	7.801	1878342	24529847	1.033	1.197
22)	Mirex	6.935	8.259	743107	23965201	0.607	1.858 #
24)	Chlordane-2	0.000	5.543f	0	45178595	N.D.	32.260 #
25)	Chlordane-3	5.061	6.167	1849021	44861301	8.361	10.166
26)	Chlordane-4	5.117	6.239	1879227	42914989	8.860	8.439
27)	Chlordane-5	5.917	7.034f	1784964	9475627	27.447	10.270 #

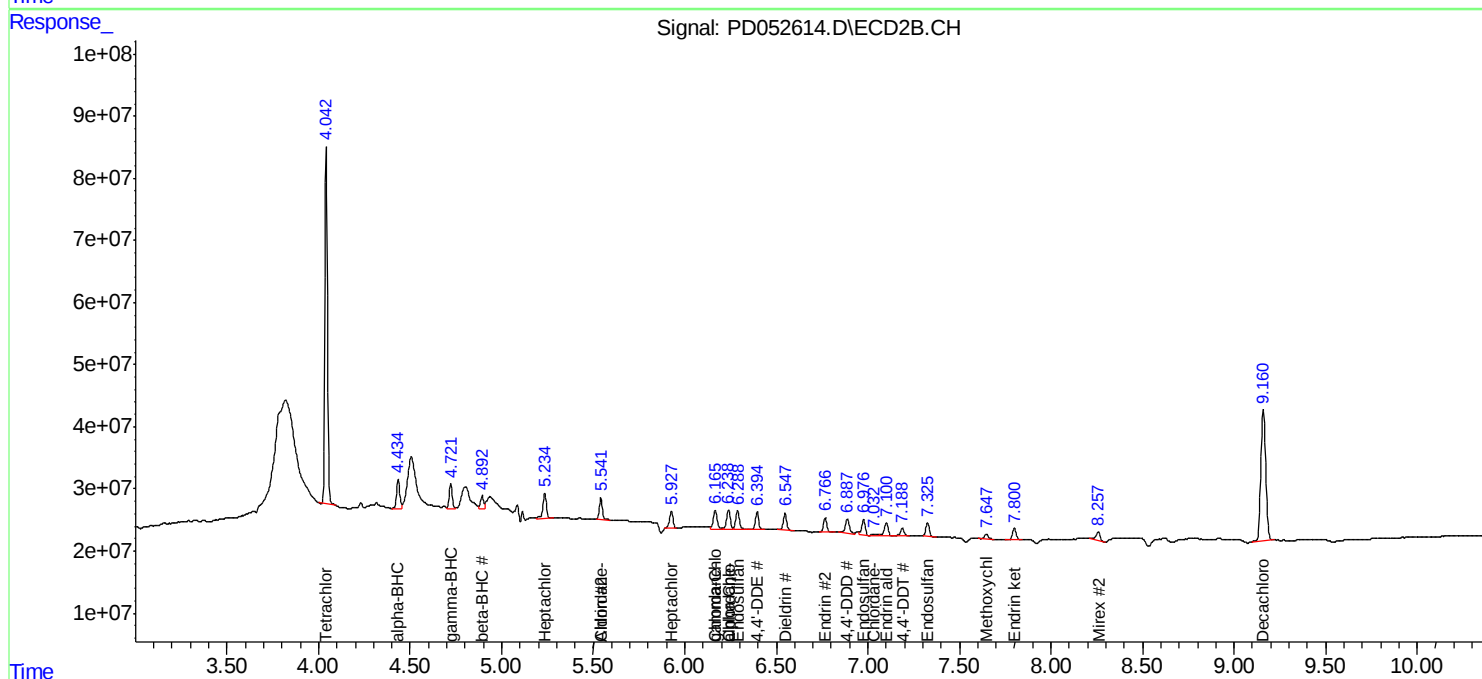
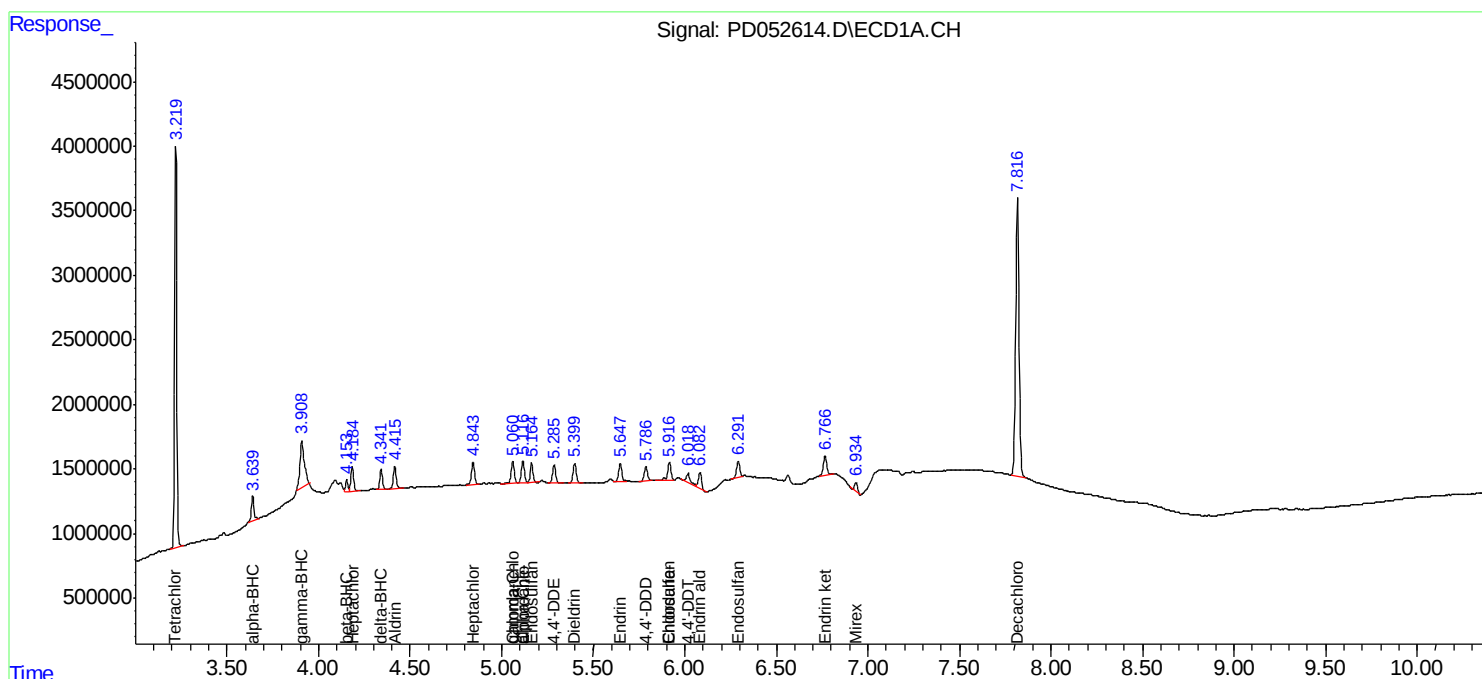
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

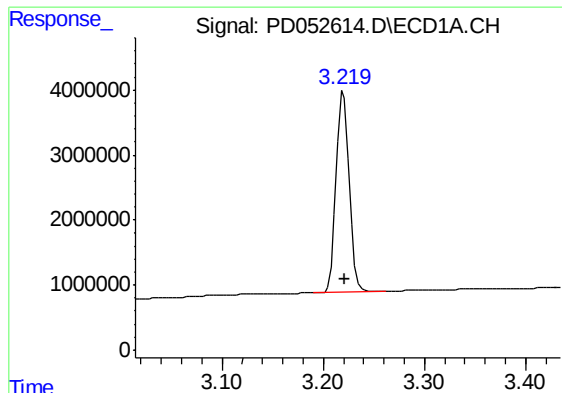
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040519\
Data File : PD052614.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 03 Apr 2019 15:46
Operator : AJ\SJ
Sample : K1560-01
Misc : PEST LOD 1 PPB
ALS Vial : 15 Sample Multiplier: 1

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 06:54:54 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

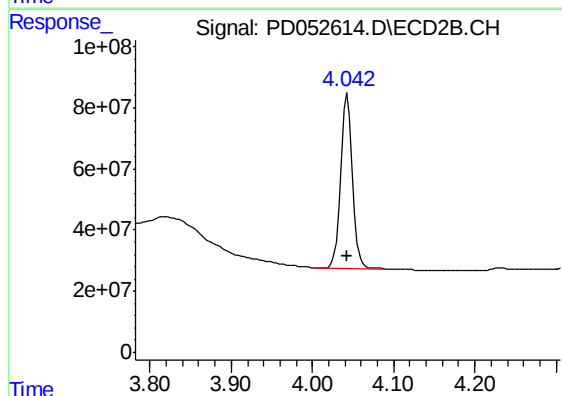




#1 Tetrachloro-m-xylene

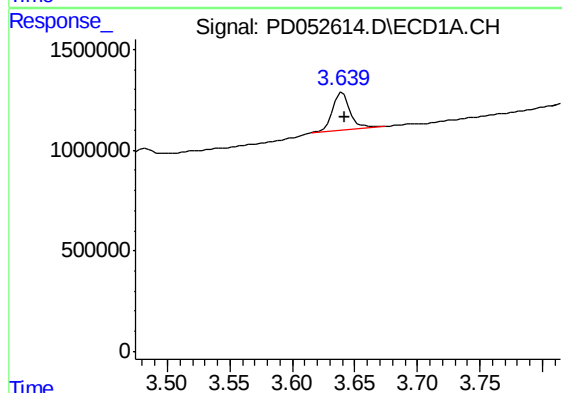
R.T.: 3.220 min
Delta R.T.: 0.000 min
Response: 27568115
Conc: 19.76 ng/ml

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



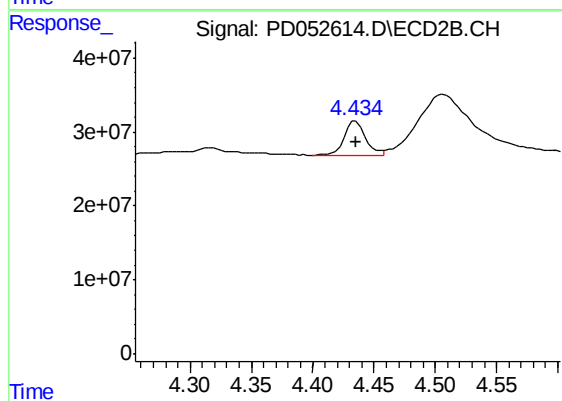
#1 Tetrachloro-m-xylene

R.T.: 4.043 min
Delta R.T.: 0.000 min
Response: 584422344
Conc: 20.16 ng/ml



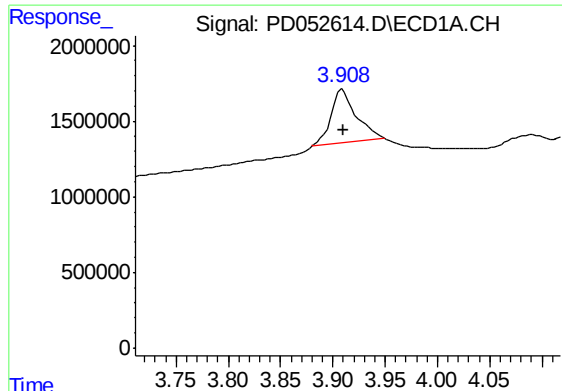
#2 alpha-BHC

R.T.: 3.640 min
Delta R.T.: -0.002 min
Response: 1814037
Conc: 0.80 ng/ml



#2 alpha-BHC

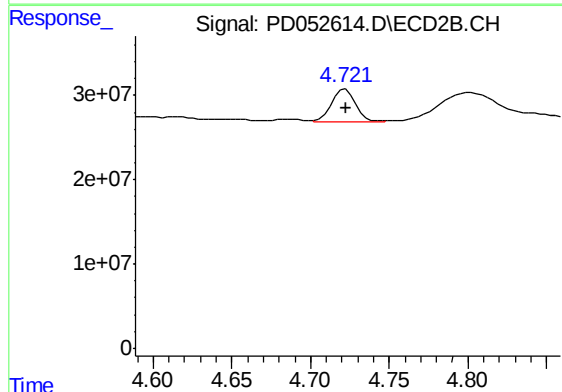
R.T.: 4.435 min
Delta R.T.: 0.000 min
Response: 54388858
Conc: 1.21 ng/ml



#3 gamma-BHC (Lindane)

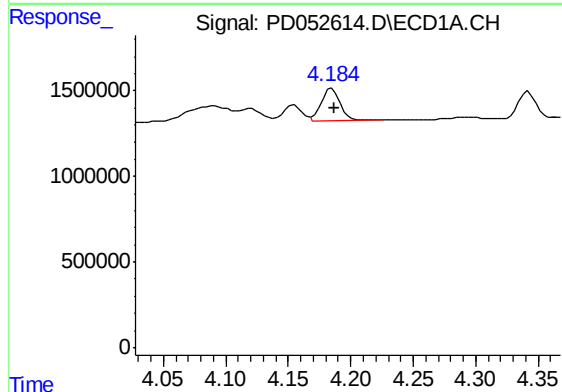
R.T.: 3.909 min
Delta R.T.: 0.000 min
Response: 5998219
Conc: 2.74 ng/ml

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



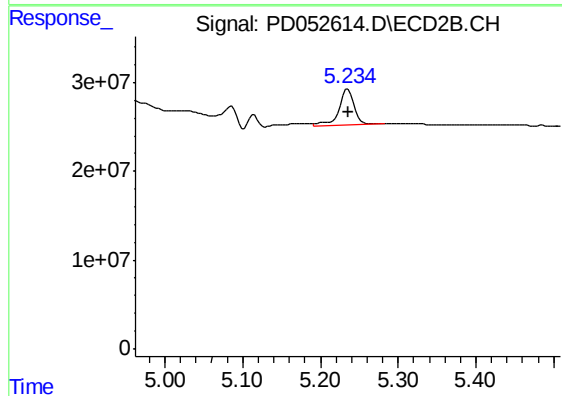
#3 gamma-BHC (Lindane)

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 42727440
Conc: 1.06 ng/ml



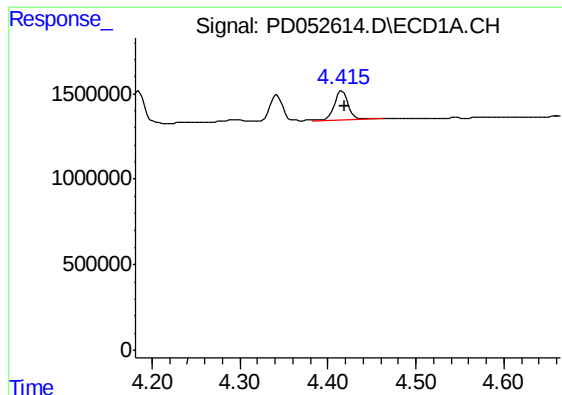
#4 Heptachlor

R.T.: 4.185 min
Delta R.T.: -0.002 min
Response: 1935135
Conc: 0.91 ng/ml



#4 Heptachlor

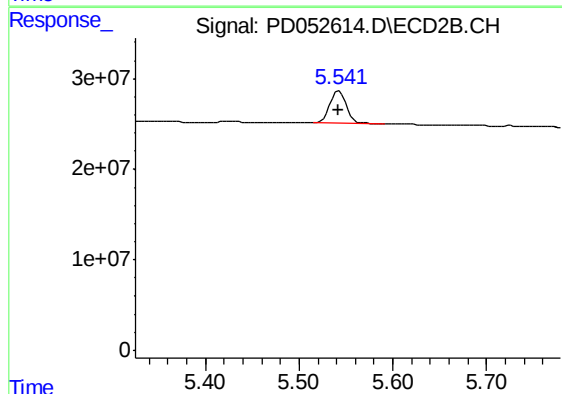
R.T.: 5.236 min
Delta R.T.: 0.000 min
Response: 52316045
Conc: 1.32 ng/ml



#5 Aldrin

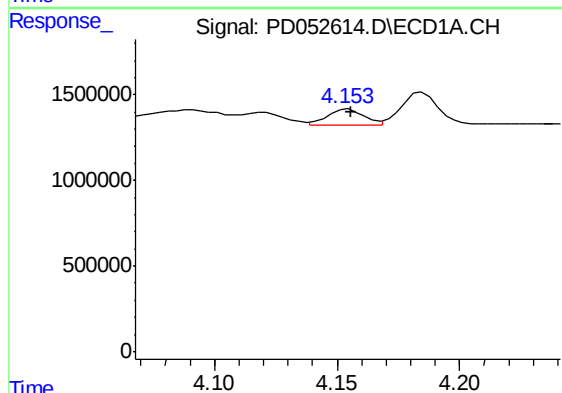
R.T.: 4.416 min
Delta R.T.: -0.002 min
Response: 1889845
Conc: 0.94 ng/ml

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



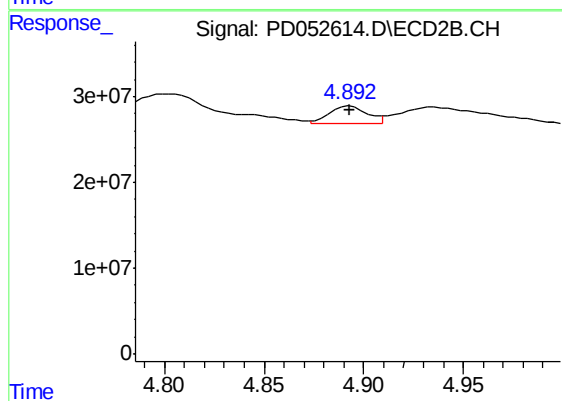
#5 Aldrin

R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 45178595
Conc: 1.22 ng/ml



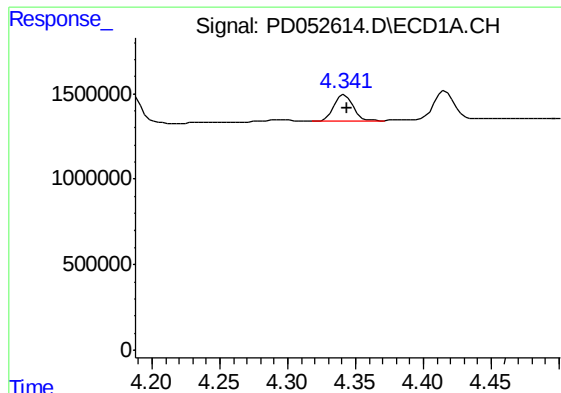
#6 beta-BHC

R.T.: 4.155 min
Delta R.T.: 0.000 min
Response: 916917
Conc: 1.04 ng/ml



#6 beta-BHC

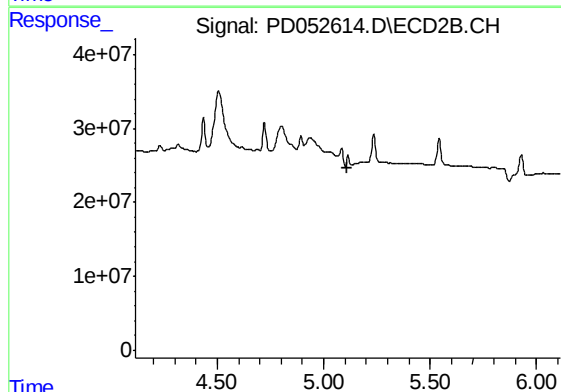
R.T.: 4.893 min
Delta R.T.: 0.000 min
Response: 26663582
Conc: 1.47 ng/ml



#7 delta-BHC

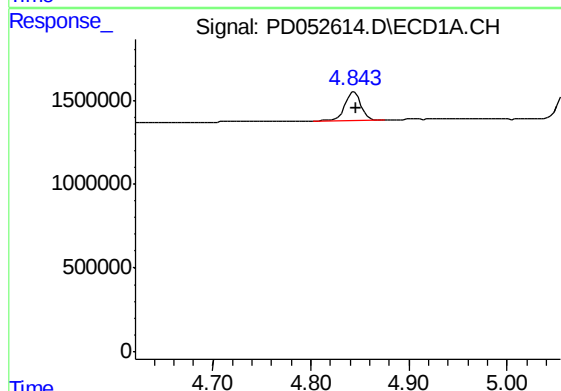
R.T.: 4.342 min
Delta R.T.: -0.001 min
Response: 1486301
Conc: 0.73 ng/ml

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



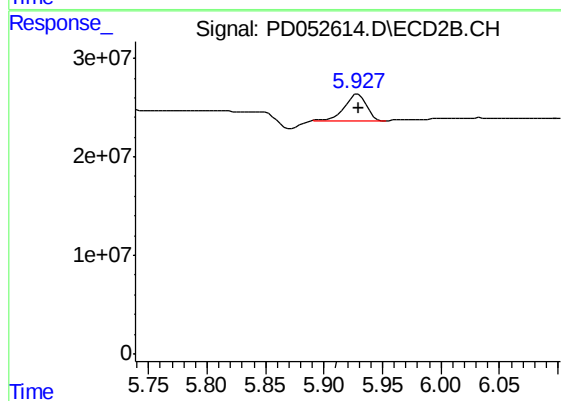
#7 delta-BHC

R.T.: 5.115 min
Delta R.T.: 0.003 min
Response: -5905209
Conc: N.D.



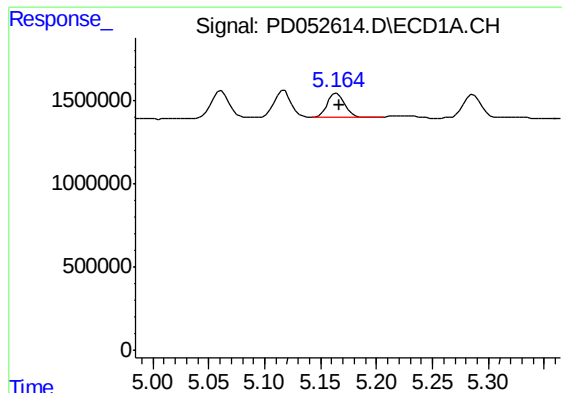
#8 Heptachlor epoxide

R.T.: 4.844 min
Delta R.T.: -0.001 min
Response: 1955752
Conc: 1.03 ng/ml



#8 Heptachlor epoxide

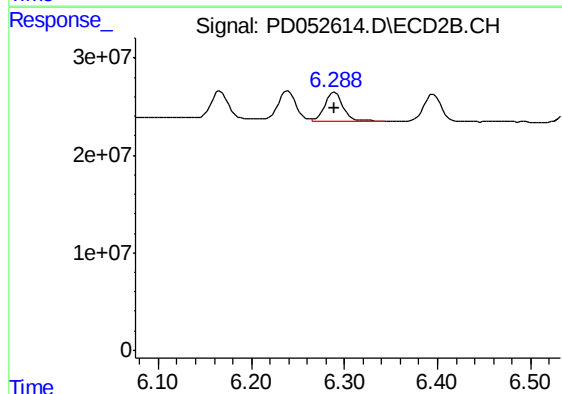
R.T.: 5.929 min
Delta R.T.: -0.001 min
Response: 35190928
Conc: 1.09 ng/ml



#9 Endosulfan I

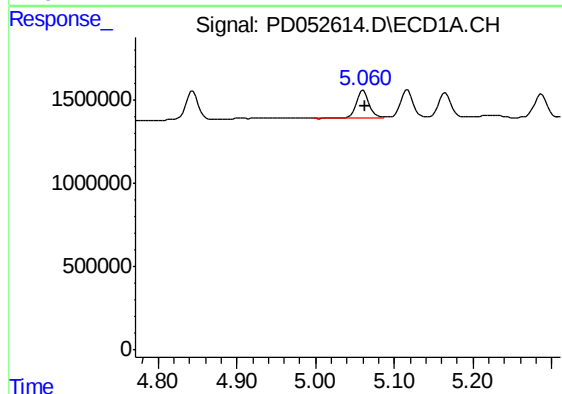
R.T.: 5.165 min
Delta R.T.: -0.002 min
Response: 1618325
Conc: 0.91 ng/ml

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



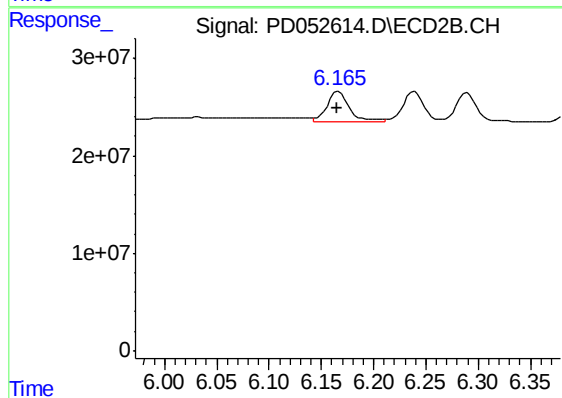
#9 Endosulfan I

R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 40400778
Conc: 1.38 ng/ml



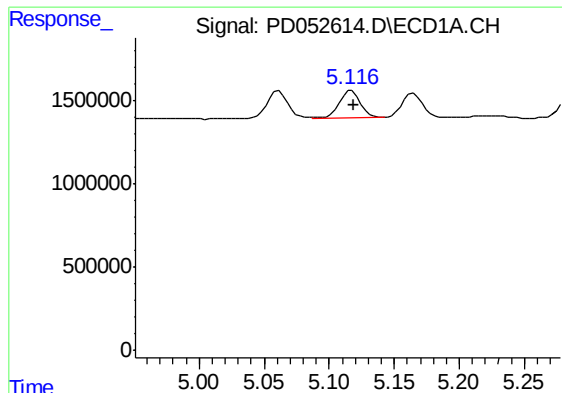
#10 gamma-Chlordane

R.T.: 5.061 min
Delta R.T.: -0.002 min
Response: 1849021
Conc: 0.95 ng/ml



#10 gamma-Chlordane

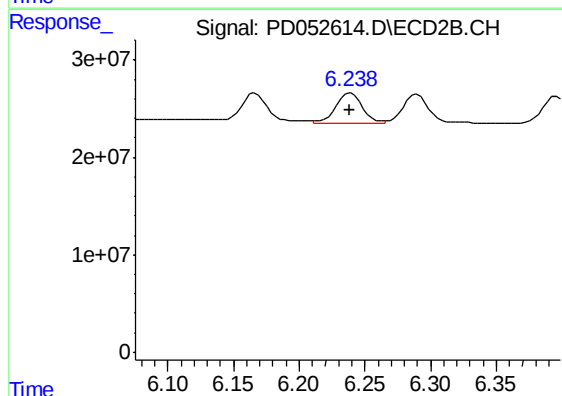
R.T.: 6.167 min
Delta R.T.: 0.001 min
Response: 44861301
Conc: 1.40 ng/ml



#11 alpha-Chlordane

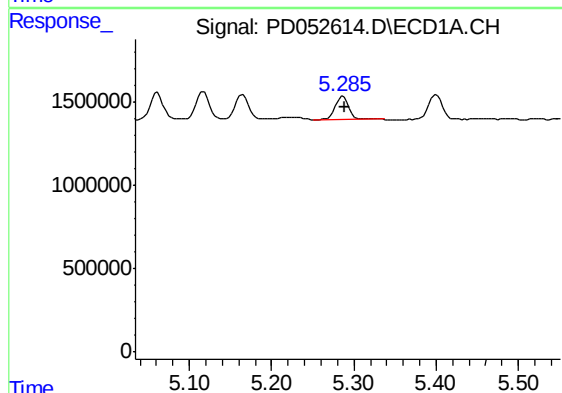
R.T.: 5.117 min
Delta R.T.: -0.002 min
Response: 1879227
Conc: 0.97 ng/ml

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



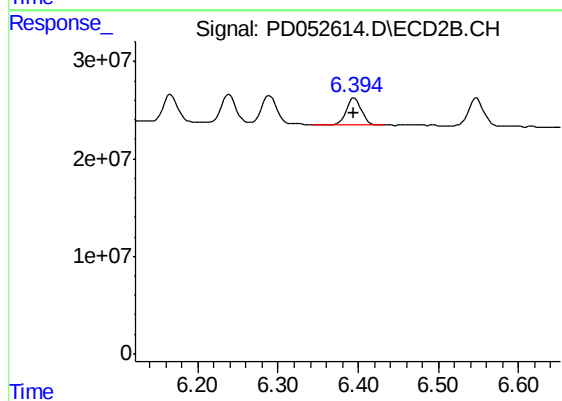
#11 alpha-Chlordane

R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 42914989
Conc: 1.37 ng/ml



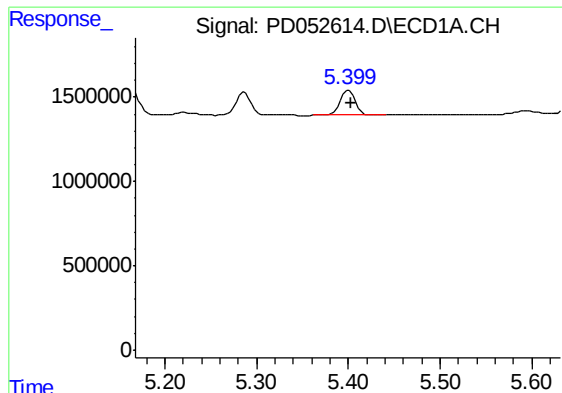
#12 4,4'-DDE

R.T.: 5.287 min
Delta R.T.: -0.002 min
Response: 1547069
Conc: 0.83 ng/ml



#12 4,4'-DDE

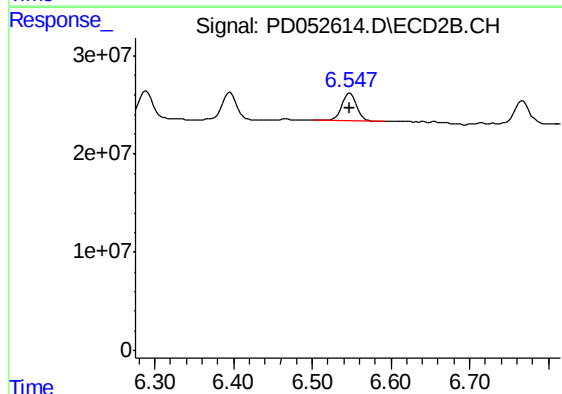
R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 37014838
Conc: 1.21 ng/ml



#13 Dielddrin

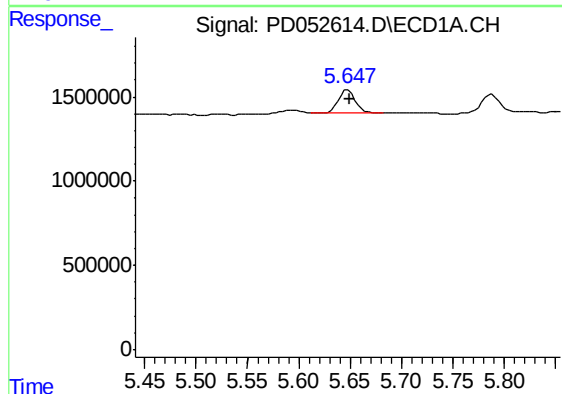
R.T.: 5.400 min
Delta R.T.: -0.002 min
Response: 1713361
Conc: 0.89 ng/ml

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



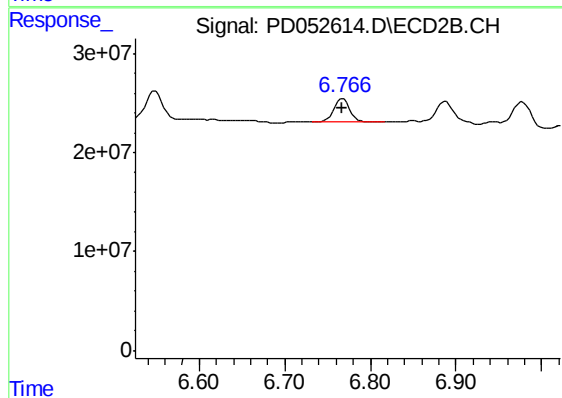
#13 Dielddrin

R.T.: 6.548 min
Delta R.T.: 0.000 min
Response: 37685826
Conc: 1.26 ng/ml



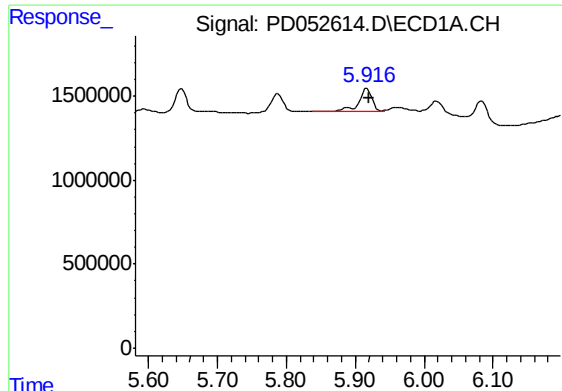
#14 Endrin

R.T.: 5.648 min
Delta R.T.: -0.002 min
Response: 1501135
Conc: 0.82 ng/ml



#14 Endrin

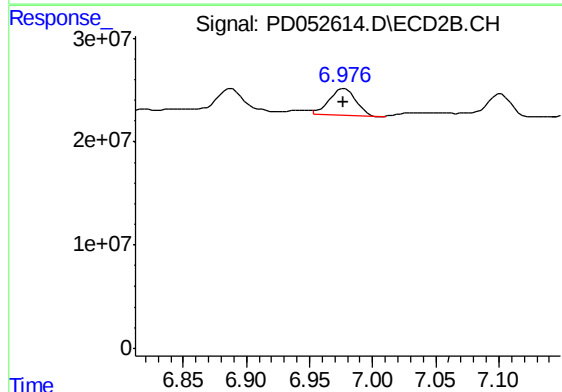
R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 29109200
Conc: 1.16 ng/ml



#15 Endosulfan II

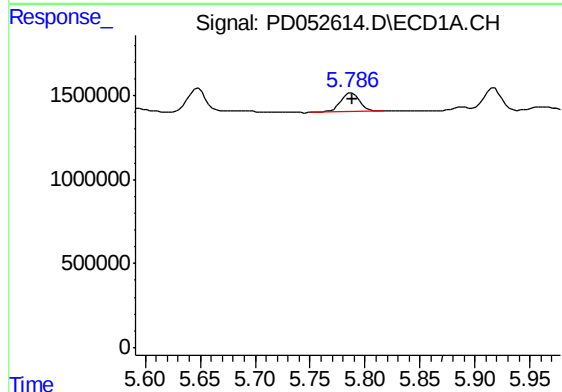
R.T.: 5.917 min
Delta R.T.: -0.002 min
Response: 1784964
Conc: 1.04 ng/ml

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



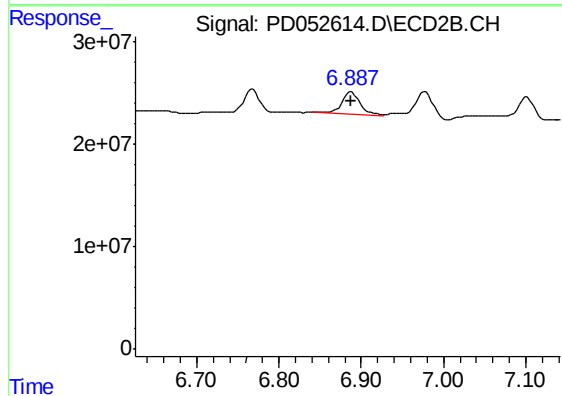
#15 Endosulfan II

R.T.: 6.978 min
Delta R.T.: 0.000 min
Response: 36679296
Conc: 1.47 ng/ml



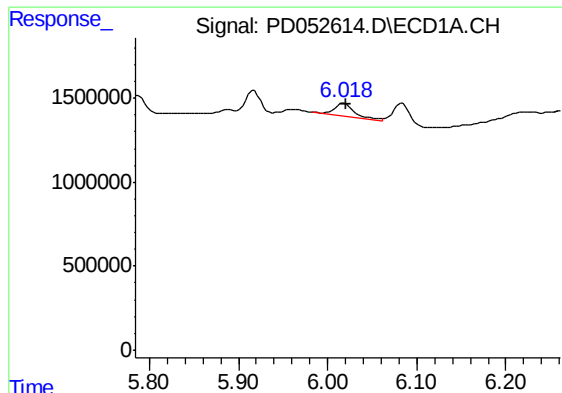
#16 4,4'-DDD

R.T.: 5.788 min
Delta R.T.: -0.001 min
Response: 1342034
Conc: 0.88 ng/ml



#16 4,4'-DDD

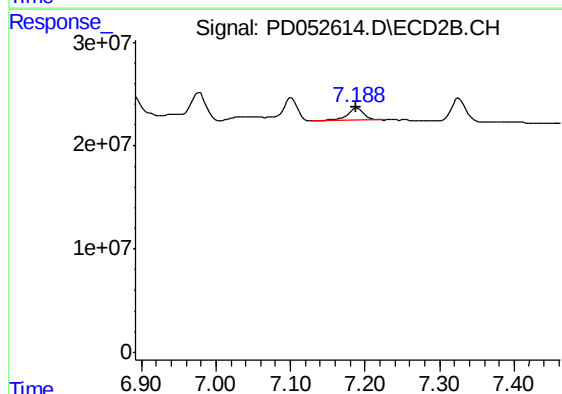
R.T.: 6.888 min
Delta R.T.: 0.000 min
Response: 34680933
Conc: 1.45 ng/ml



#17 4,4'-DDT

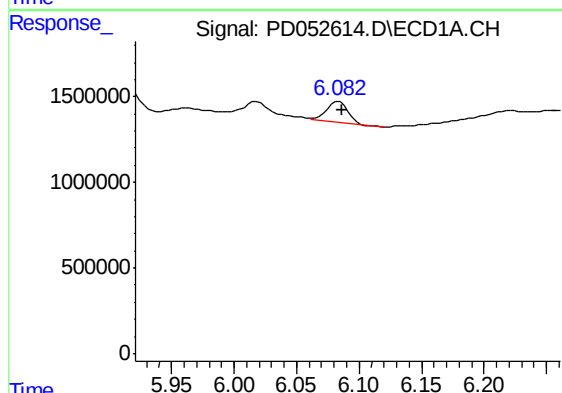
R.T.: 6.018 min
Delta R.T.: -0.003 min
Response: 1220885
Conc: 0.85 ng/ml

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



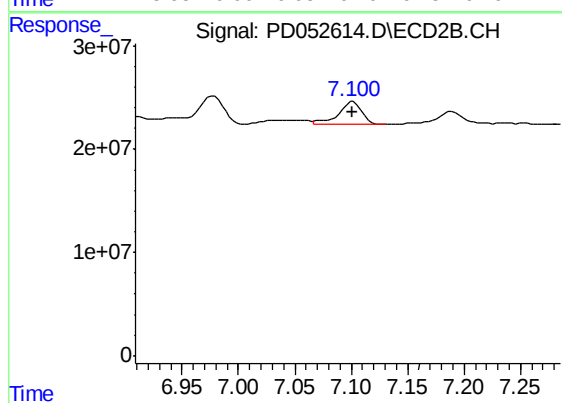
#17 4,4'-DDT

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 19585311
Conc: 1.05 ng/ml



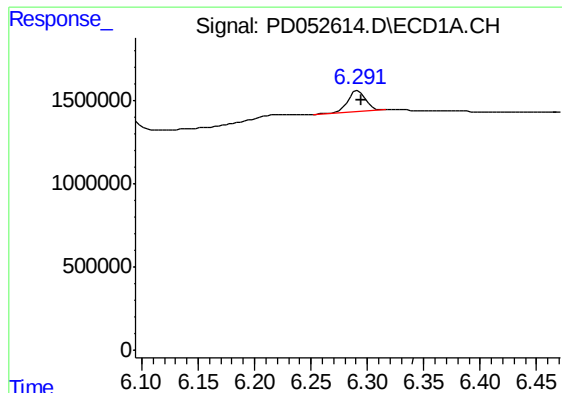
#18 Endrin aldehyde

R.T.: 6.084 min
Delta R.T.: -0.003 min
Response: 1459815
Conc: 1.02 ng/ml



#18 Endrin aldehyde

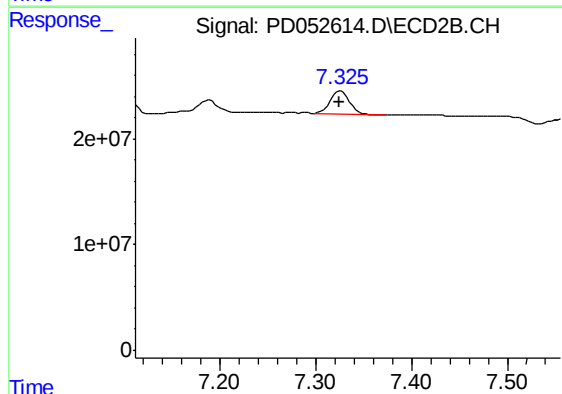
R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 33105429
Conc: 1.61 ng/ml



#19 Endosulfan Sulfate

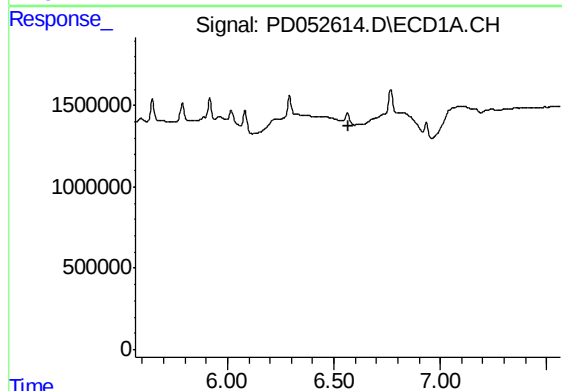
R.T.: 6.292 min
Delta R.T.: -0.003 min
Response: 1451231
Conc: 0.95 ng/ml

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



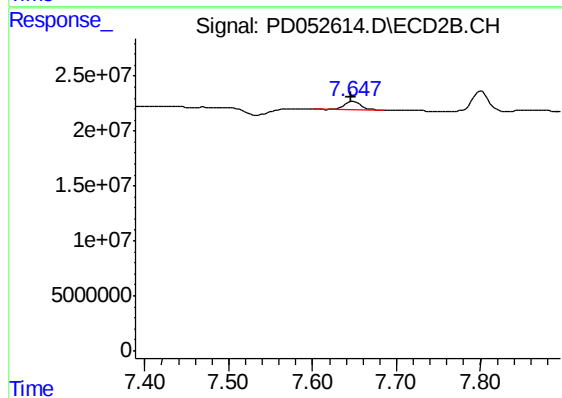
#19 Endosulfan Sulfate

R.T.: 7.326 min
Delta R.T.: 0.000 min
Response: 29771204
Conc: 1.35 ng/ml



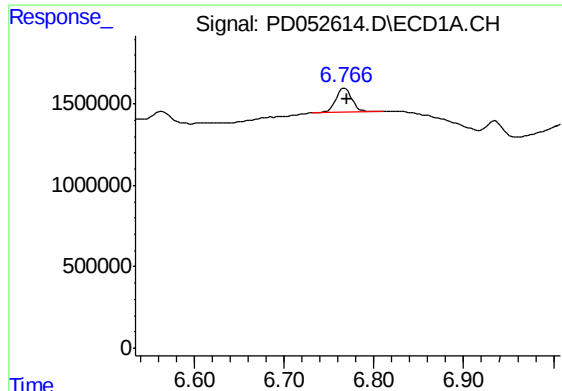
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 6.566 min
Response: 0
Conc: N.D.



#20 Methoxychlor

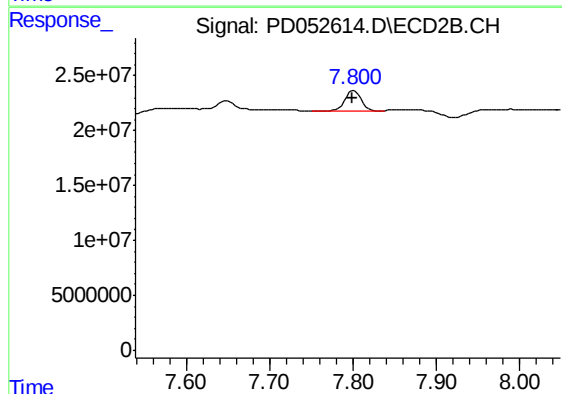
R.T.: 7.649 min
Delta R.T.: 0.002 min
Response: 10253188
Conc: 1.02 ng/ml



#21 Endrin ketone

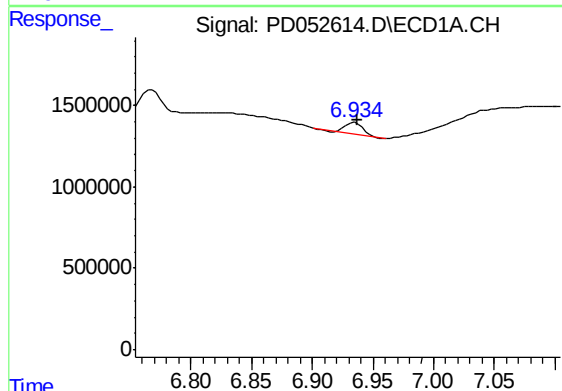
R.T.: 6.768 min
Delta R.T.: -0.002 min
Response: 1878342
Conc: 1.03 ng/ml

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



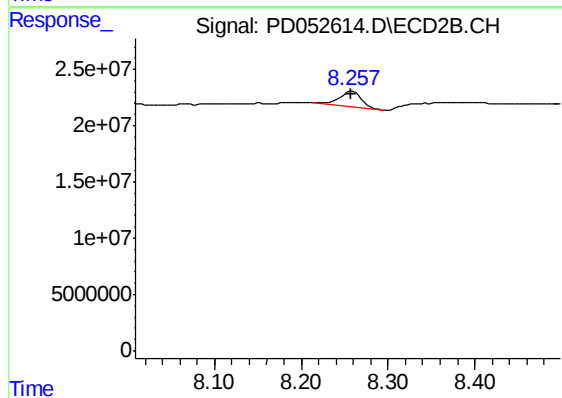
#21 Endrin ketone

R.T.: 7.801 min
Delta R.T.: 0.003 min
Response: 24529847
Conc: 1.20 ng/ml



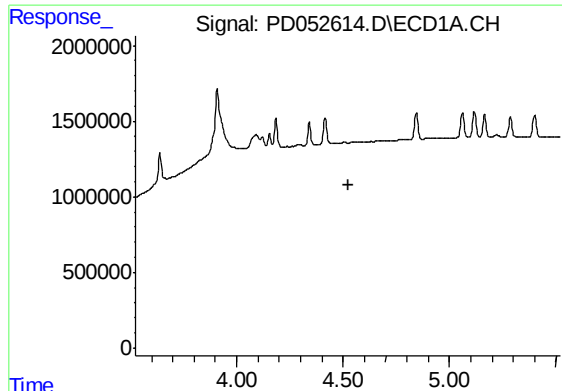
#22 Mirex

R.T.: 6.935 min
Delta R.T.: -0.003 min
Response: 743107
Conc: 0.61 ng/ml



#22 Mirex

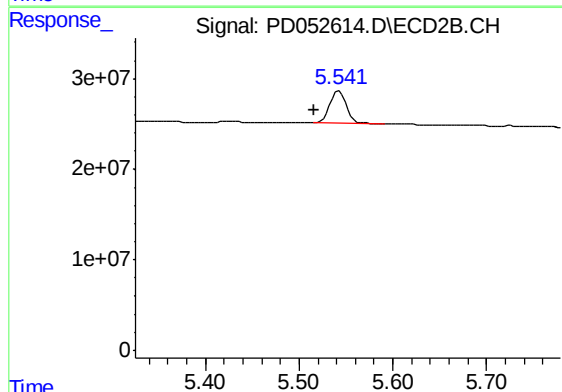
R.T.: 8.259 min
Delta R.T.: 0.002 min
Response: 23965201
Conc: 1.86 ng/ml



#24 Chlordane-2

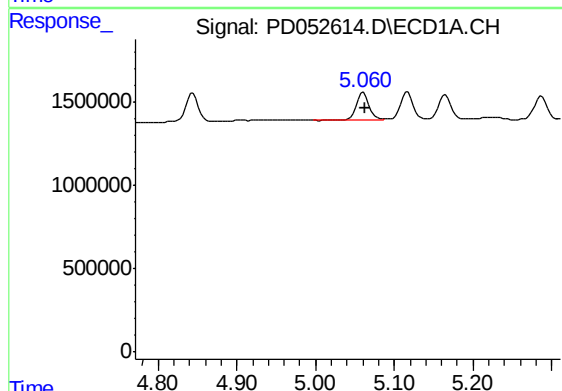
R.T.: 0.000 min
Exp R.T.: 4.523 min
Response: 0
Conc: N.D.

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



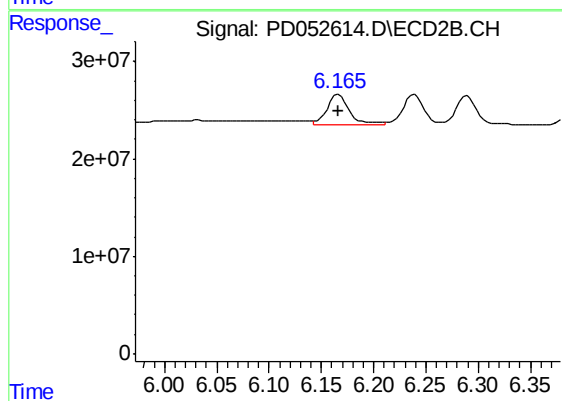
#24 Chlordane-2

R.T.: 5.543 min
Delta R.T.: 0.026 min
Response: 45178595
Conc: 32.26 ng/ml



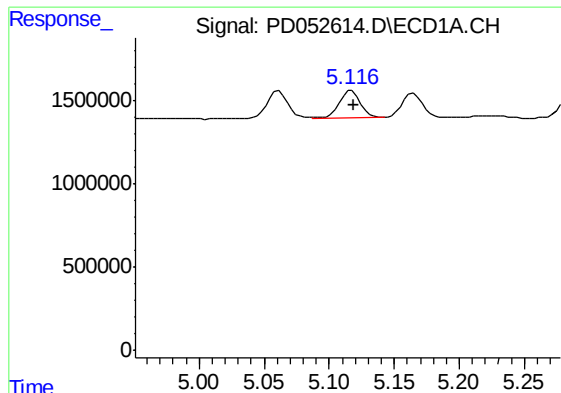
#25 Chlordane-3

R.T.: 5.061 min
Delta R.T.: -0.002 min
Response: 1849021
Conc: 8.36 ng/ml



#25 Chlordane-3

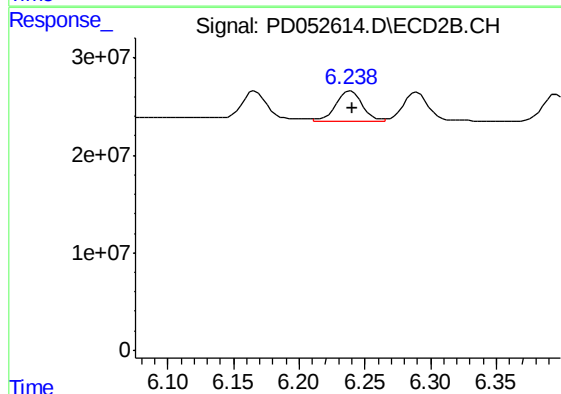
R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 44861301
Conc: 10.17 ng/ml



#26 Chlordane-4

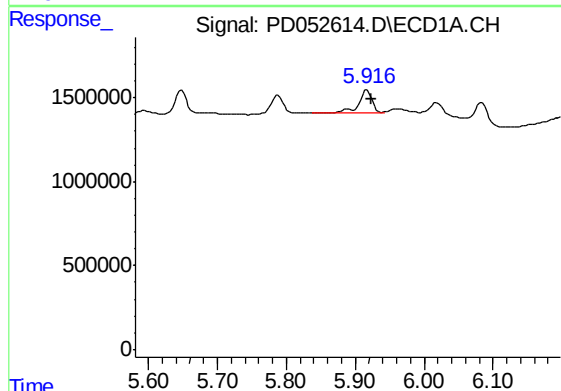
R.T.: 5.117 min
Delta R.T.: -0.001 min
Response: 1879227
Conc: 8.86 ng/ml

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



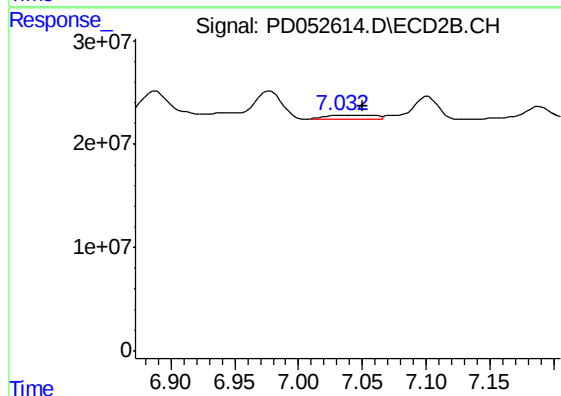
#26 Chlordane-4

R.T.: 6.239 min
Delta R.T.: -0.002 min
Response: 42914989
Conc: 8.44 ng/ml



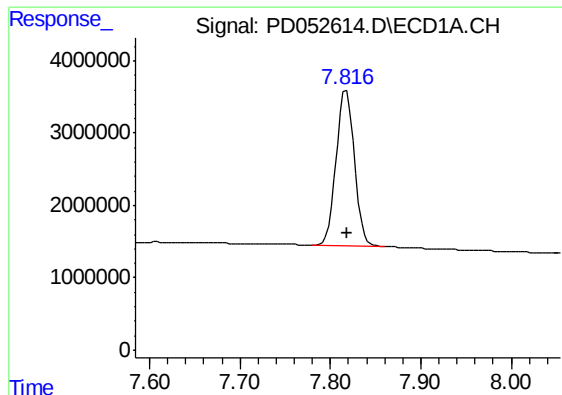
#27 Chlordane-5

R.T.: 5.917 min
Delta R.T.: -0.007 min
Response: 1784964
Conc: 27.45 ng/ml



#27 Chlordane-5

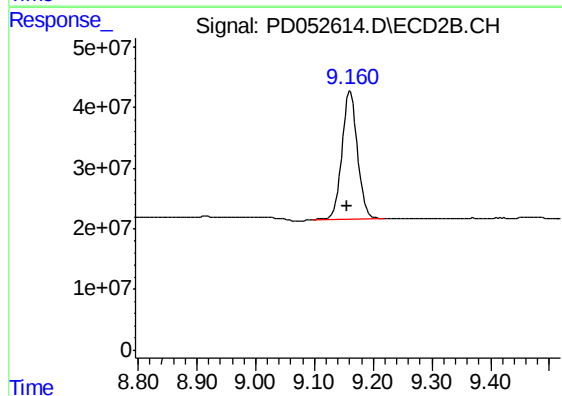
R.T.: 7.034 min
Delta R.T.: -0.017 min
Response: 9475627
Conc: 10.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.818 min
Delta R.T.: -0.001 min
Response: 29892787
Conc: 22.43 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: 384136708
Conc: 24.70 ng/ml