

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071919\
 Data File : PD054003.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Jul 2019 22:20
 Operator : SM\AJ
 Sample : K3591-01
 Misc : LOD 2.5 PPB
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 05:11:01 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071919.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 19 04:33:23 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...	3.313	3.983	11474542	17855546	19.937	20.497
28)	SA Decachlor...	8.009	9.025	14558275	20750130	21.626	22.383
Target Compounds							
2)	A alpha-BHC	3.742	4.369	1964966	2710764	2.269	2.149
3)	MA gamma-BHC...	4.019	4.652	1992767	2933026	2.429	2.391
4)	MA Heptachlor	4.308	5.160	1607251	3266073	2.206	2.607
5)	MB Aldrin	4.548	5.464	1801045	2880667	2.266	2.343
6)	B beta-BHC	0.000	4.819	0	1335987	N.D.	2.386 #
7)	B delta-BHC	4.466	5.035	1629133	2876066	1.943	2.222
8)	B Heptachlor...	4.987	5.847	1836351	3250110	2.421	2.688
9)	A Endosulfan I	5.319	6.202	1740855	3223185	2.343	2.776
10)	B gamma-Chl...	5.209	6.080	1878999	3828086	2.310	2.906 #
11)	B alpha-Chl...	5.267	6.153	1898424	3873578	2.343	2.983 #
12)	B 4,4'-DDE	5.436	6.308	1785871	3135105	2.254	2.552
13)	MA Dieldrin	5.560	6.458	1818441	3280917	2.239	2.611
14)	MA Endrin	5.814	6.675	1757461	2762026	2.347	2.635
15)	B Endosulfa...	6.087	6.882	1743795	3098325	2.331	2.679
16)	A 4,4'-DDD	5.947	6.795	1374341	2459306	2.296	2.434
17)	MA 4,4'-DDT	6.185	7.093	991943	2257622	1.722	2.292 #
18)	B Endrin al...	6.256	7.005	1625487	2744768	2.559	2.760
19)	B Endosulfa...	6.467	7.227	1862965	3210678	2.650	2.955
20)	A Methoxychlor	0.000	7.549	0	1429506	N.D.	2.664 #
21)	B Endrin ke...	6.954	7.696	1667450	3385705	2.081	2.785 #
22)	Mirex	7.130	8.152	1694979	2681055	2.605	2.909
24)	Chlordane-2	0.000	5.464f	0	2880667	N.D.	67.967 #
25)	Chlordane-3	5.209	6.080	1878999	3828086	23.626	21.860
26)	Chlordane-4	5.267	6.153	1898424	3873578	27.584	18.300 #
27)	Chlordane-5	6.087	0.000	1743795	0	65.286	N.D. #

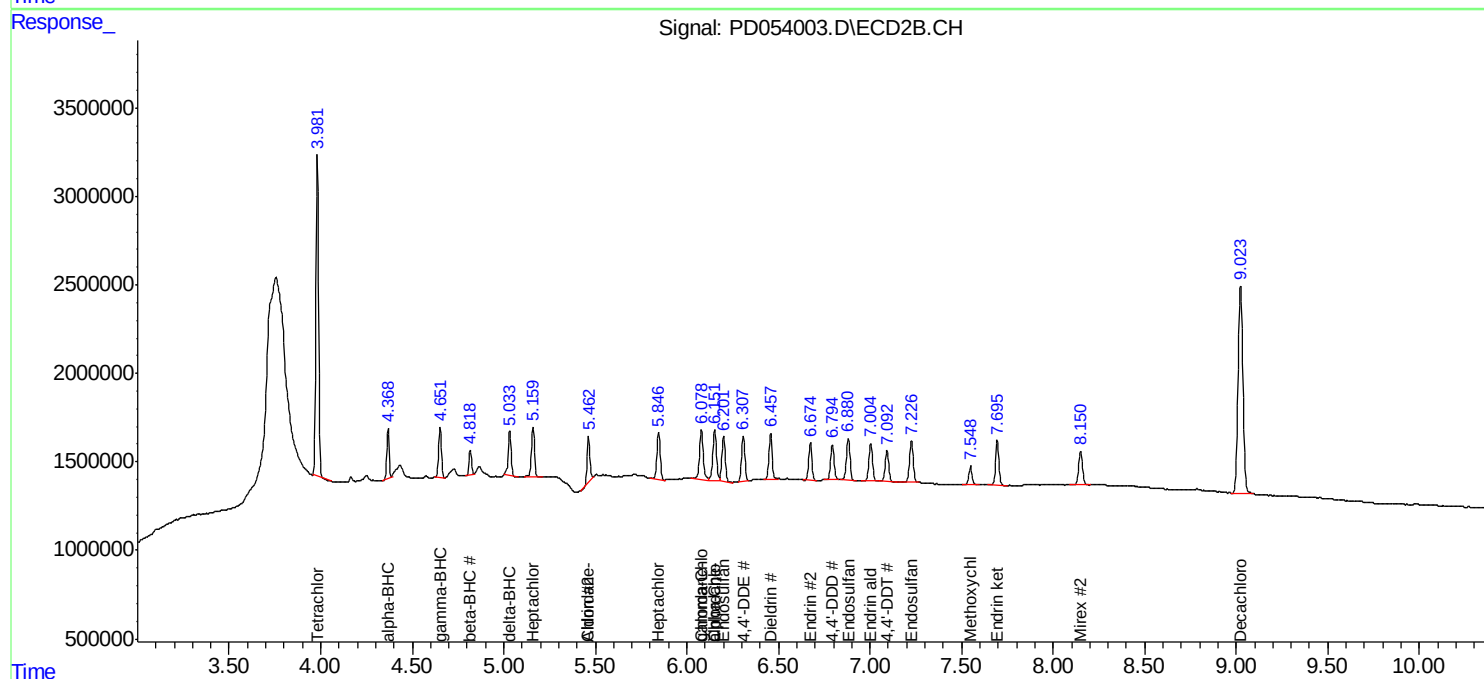
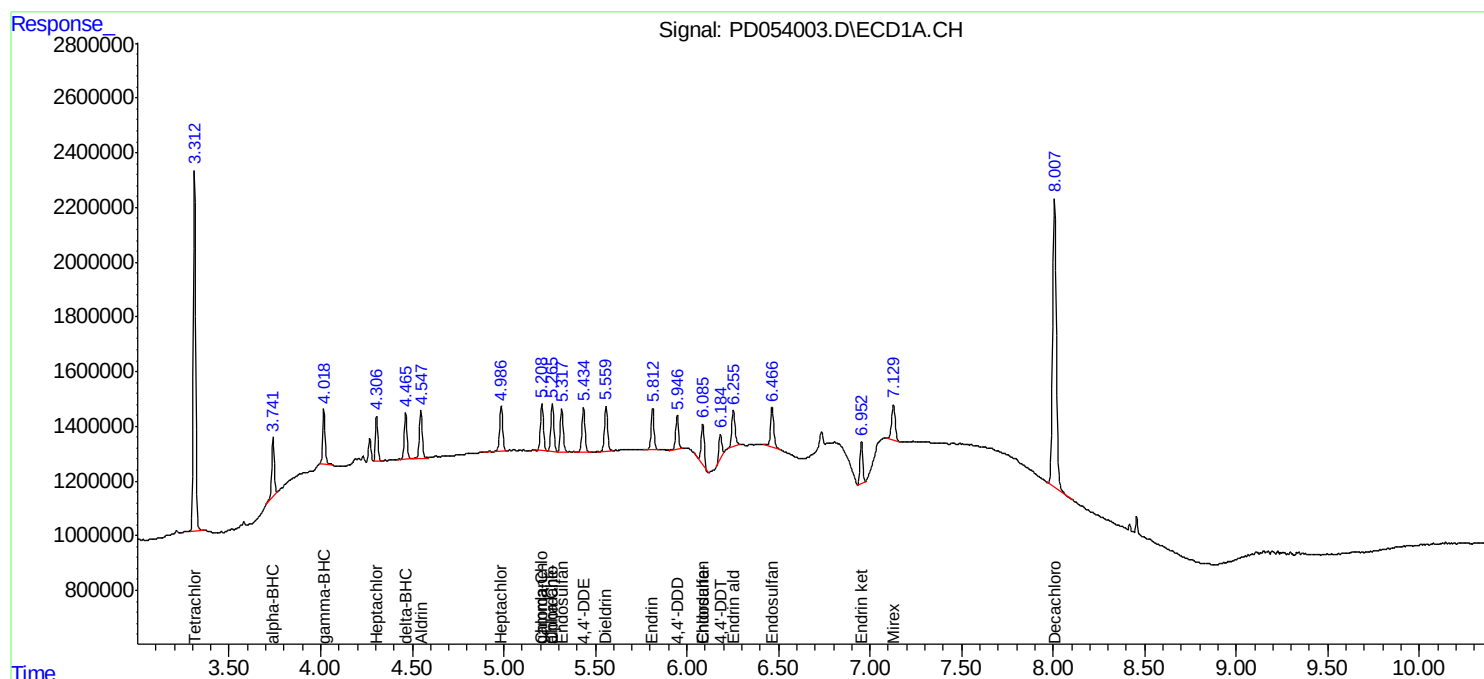
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

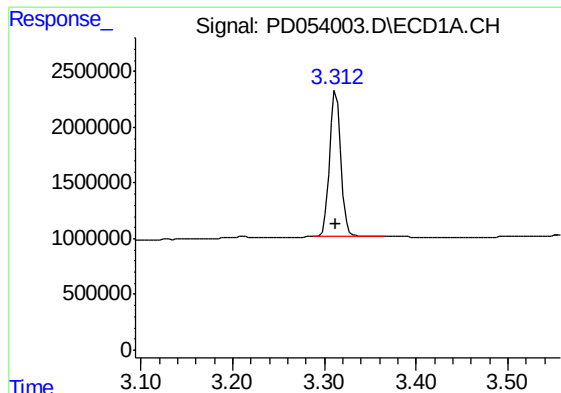
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071919\
Data File : PD054003.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Jul 2019 22:20
Operator : SM\AJ
Sample : K3591-01
Misc : LOD 2.5 PPB
ALS Vial : 43 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 05:11:01 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071919.M
Quant Title : GC Extractables
QLast Update : Fri Jul 19 04:33:23 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

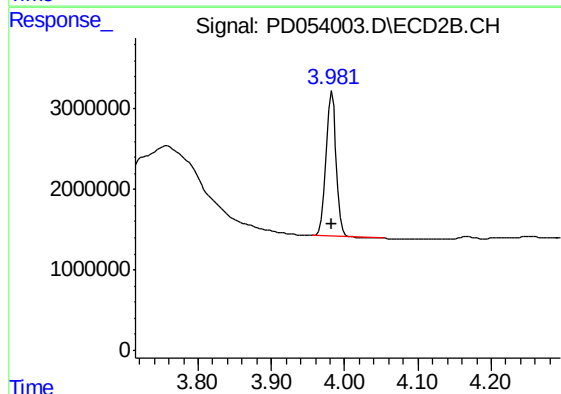




#1 Tetrachloro-m-xylene

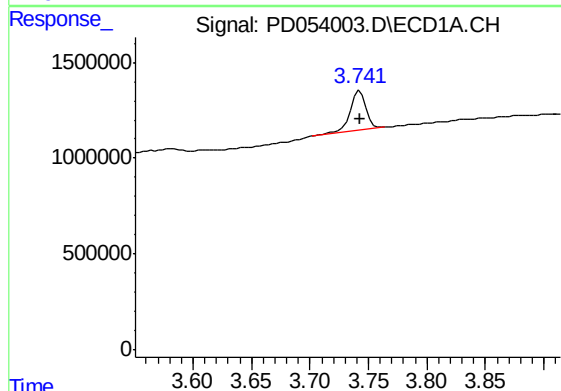
R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 11474542
Conc: 19.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



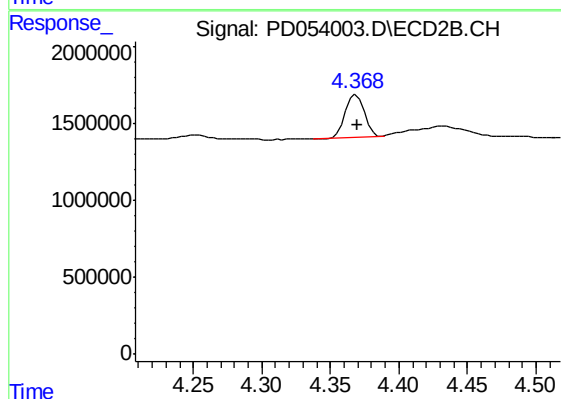
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 17855546
Conc: 20.50 ng/ml



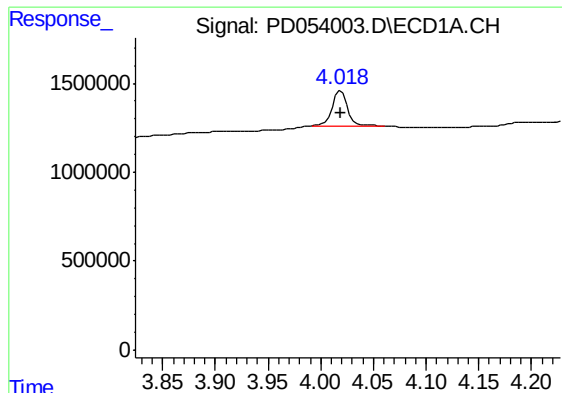
#2 alpha-BHC

R.T.: 3.742 min
Delta R.T.: 0.000 min
Response: 1964966
Conc: 2.27 ng/ml



#2 alpha-BHC

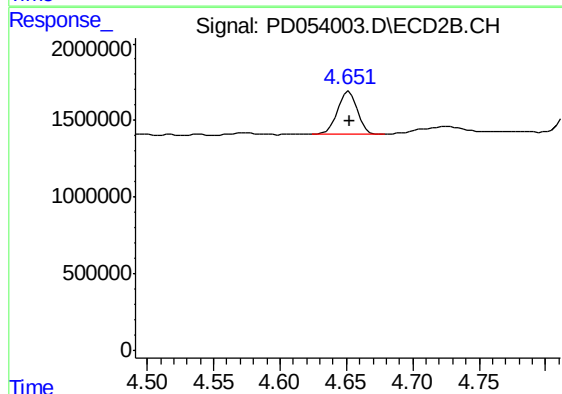
R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 2710764
Conc: 2.15 ng/ml



#3 gamma-BHC (Lindane)

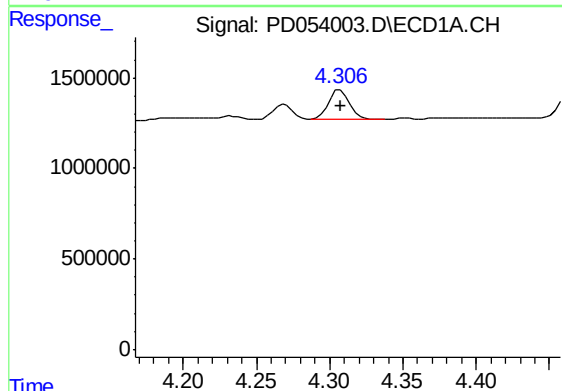
R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 1992767
Conc: 2.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



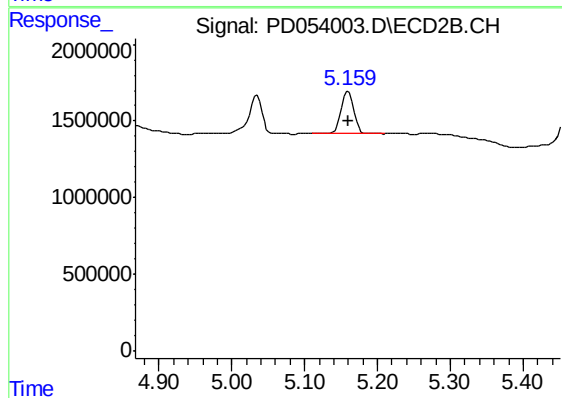
#3 gamma-BHC (Lindane)

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 2933026
Conc: 2.39 ng/ml



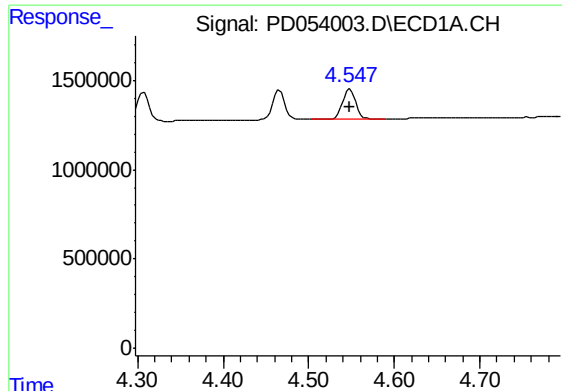
#4 Heptachlor

R.T.: 4.308 min
Delta R.T.: 0.000 min
Response: 1607251
Conc: 2.21 ng/ml



#4 Heptachlor

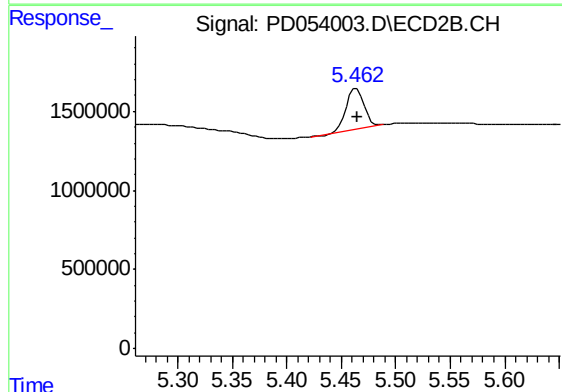
R.T.: 5.160 min
Delta R.T.: 0.000 min
Response: 3266073
Conc: 2.61 ng/ml



#5 Aldrin

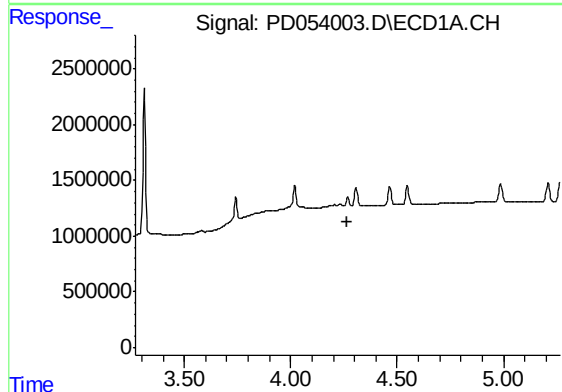
R.T.: 4.548 min
Delta R.T.: 0.000 min
Response: 1801045
Conc: 2.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



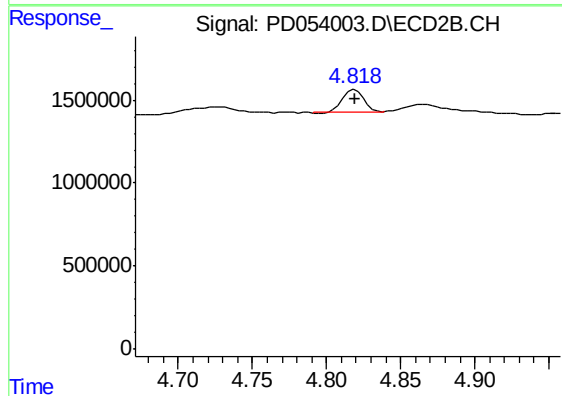
#5 Aldrin

R.T.: 5.464 min
Delta R.T.: 0.000 min
Response: 2880667
Conc: 2.34 ng/ml



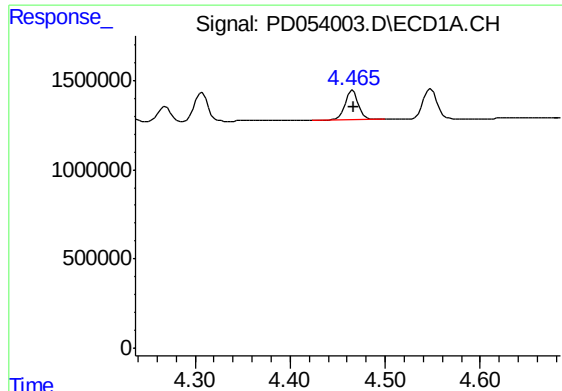
#6 beta-BHC

R.T.: 0.000 min
Exp R.T. : 4.269 min
Response: 0
Conc: N.D.



#6 beta-BHC

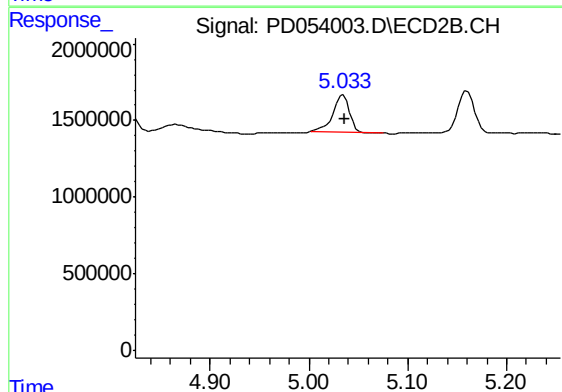
R.T.: 4.819 min
Delta R.T.: 0.000 min
Response: 1335987
Conc: 2.39 ng/ml



#7 delta-BHC

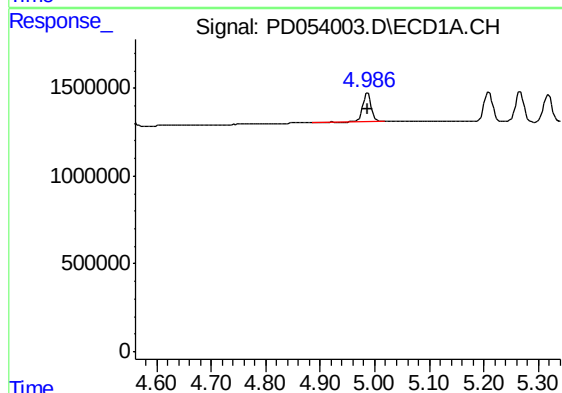
R.T.: 4.466 min
Delta R.T.: 0.000 min
Response: 1629133
Conc: 1.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



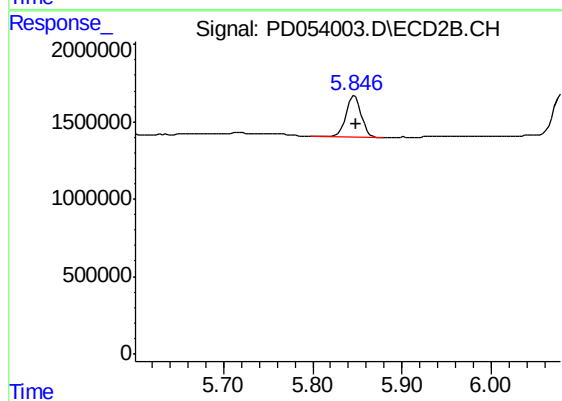
#7 delta-BHC

R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 2876066
Conc: 2.22 ng/ml



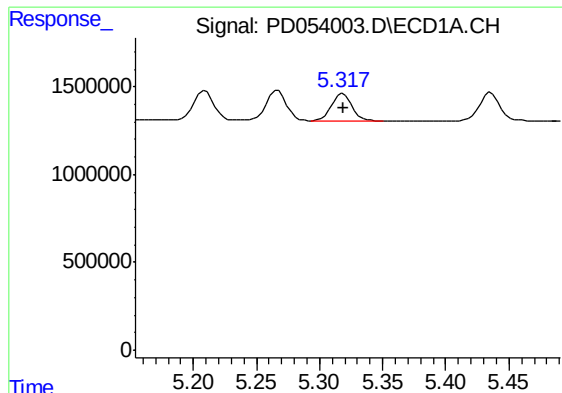
#8 Heptachlor epoxide

R.T.: 4.987 min
Delta R.T.: 0.000 min
Response: 1836351
Conc: 2.42 ng/ml



#8 Heptachlor epoxide

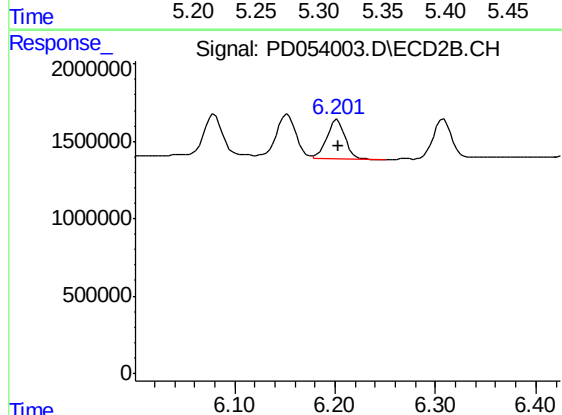
R.T.: 5.847 min
Delta R.T.: -0.001 min
Response: 3250110
Conc: 2.69 ng/ml



#9 Endosulfan I

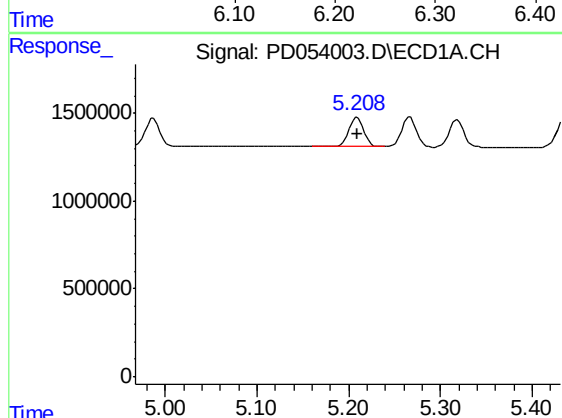
R.T.: 5.319 min
Delta R.T.: 0.000 min
Response: 1740855
Conc: 2.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



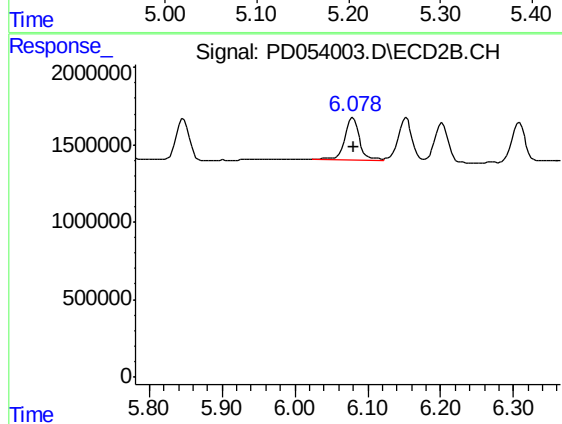
#9 Endosulfan I

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 3223185
Conc: 2.78 ng/ml



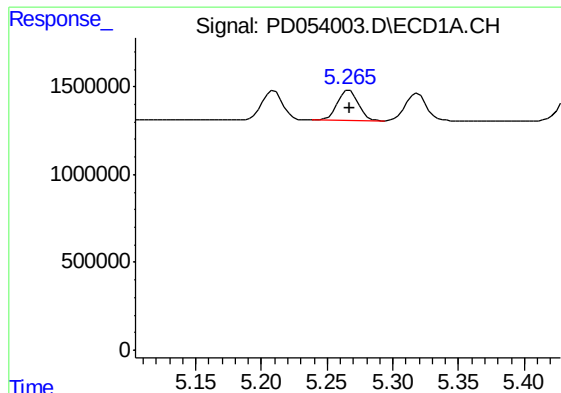
#10 gamma-Chlordane

R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 1878999
Conc: 2.31 ng/ml



#10 gamma-Chlordane

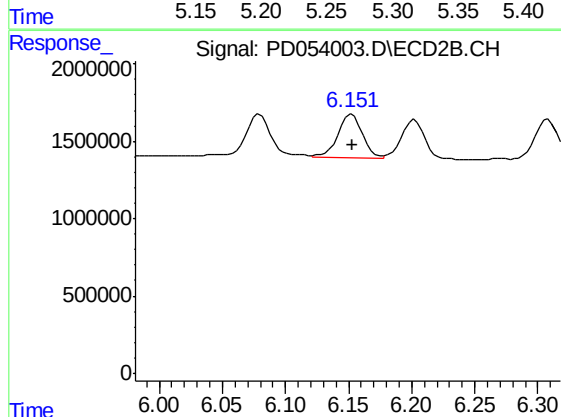
R.T.: 6.080 min
Delta R.T.: -0.001 min
Response: 3828086
Conc: 2.91 ng/ml



#11 alpha-Chlordane

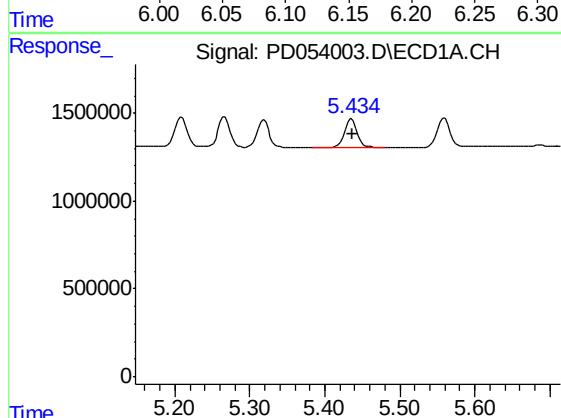
R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 1898424
Conc: 2.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



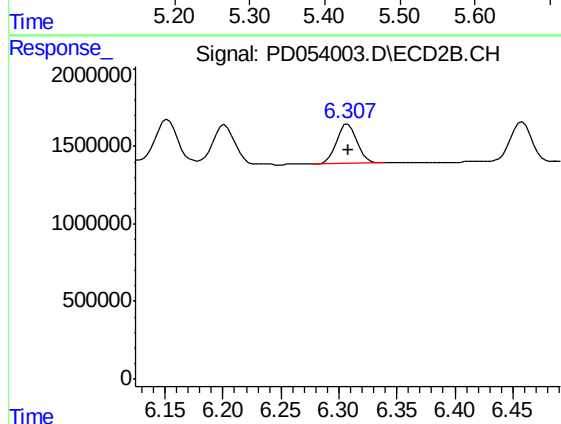
#11 alpha-Chlordane

R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 3873578
Conc: 2.98 ng/ml



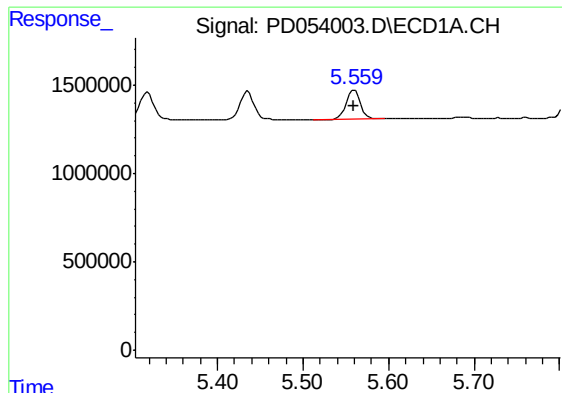
#12 4,4'-DDE

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 1785871
Conc: 2.25 ng/ml



#12 4,4'-DDE

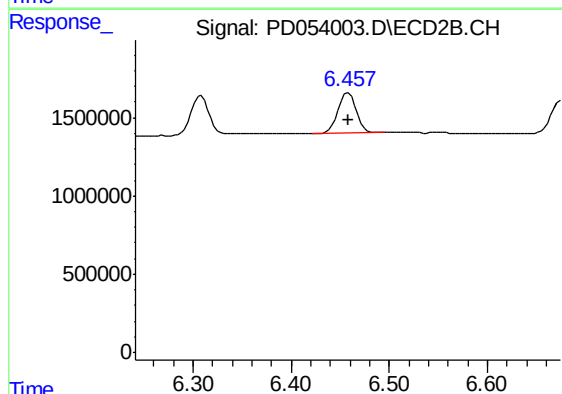
R.T.: 6.308 min
Delta R.T.: 0.000 min
Response: 3135105
Conc: 2.55 ng/ml



#13 Dieldrin

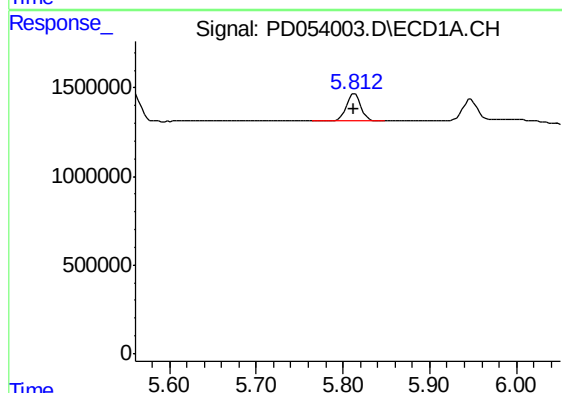
R.T.: 5.560 min
Delta R.T.: 0.000 min
Response: 1818441
Conc: 2.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



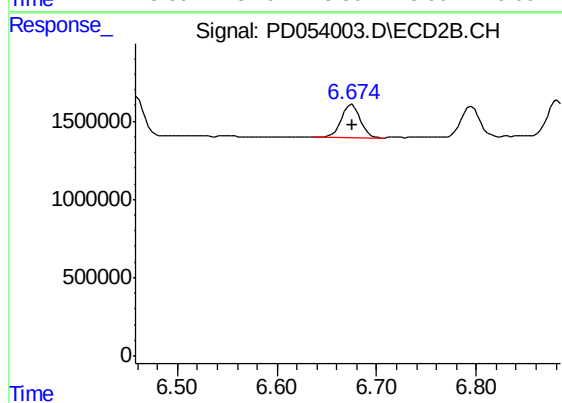
#13 Dieldrin

R.T.: 6.458 min
Delta R.T.: 0.000 min
Response: 3280917
Conc: 2.61 ng/ml



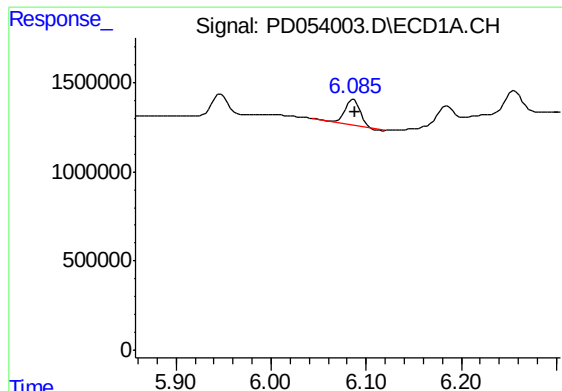
#14 Endrin

R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 1757461
Conc: 2.35 ng/ml



#14 Endrin

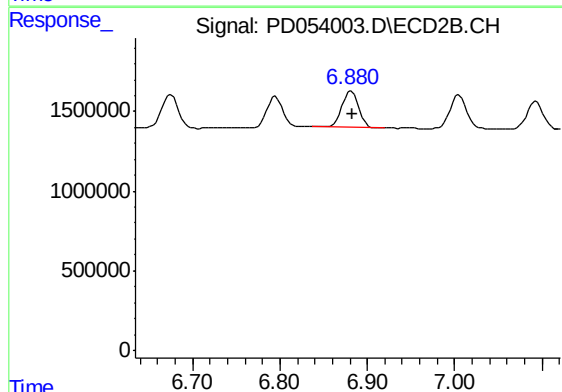
R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 2762026
Conc: 2.64 ng/ml



#15 Endosulfan II

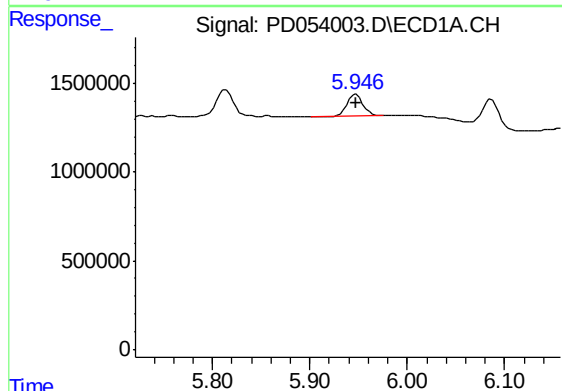
R.T.: 6.087 min
Delta R.T.: -0.001 min
Response: 1743795
Conc: 2.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



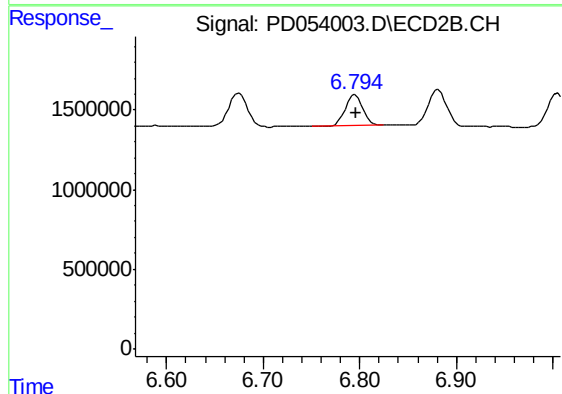
#15 Endosulfan II

R.T.: 6.882 min
Delta R.T.: 0.000 min
Response: 3098325
Conc: 2.68 ng/ml



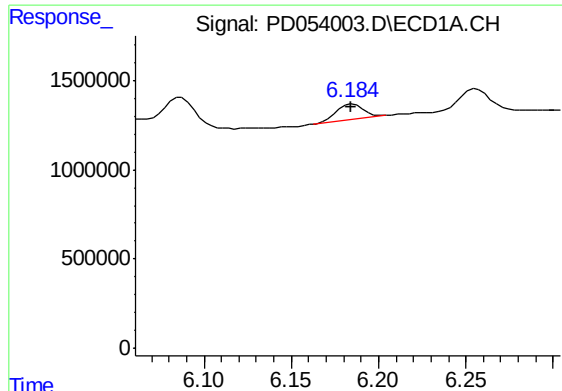
#16 4,4'-DDD

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 1374341
Conc: 2.30 ng/ml



#16 4,4'-DDD

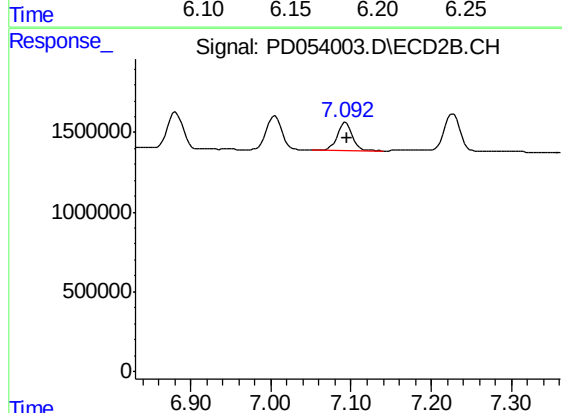
R.T.: 6.795 min
Delta R.T.: 0.000 min
Response: 2459306
Conc: 2.43 ng/ml



#17 4,4'-DDT

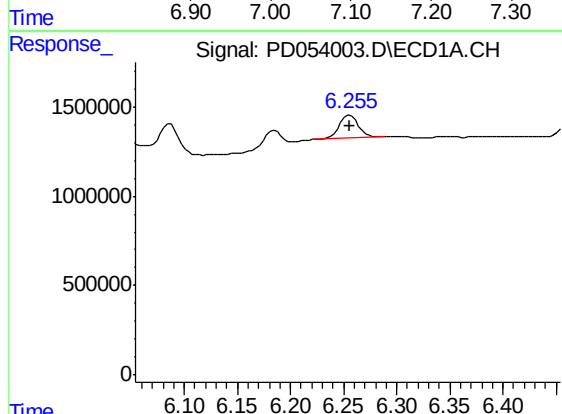
R.T.: 6.185 min
Delta R.T.: 0.000 min
Response: 991943
Conc: 1.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



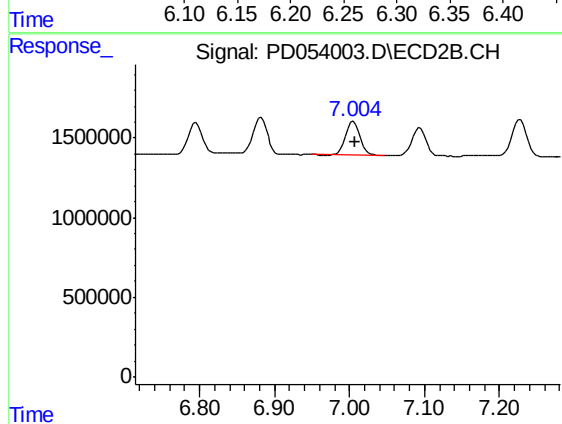
#17 4,4'-DDT

R.T.: 7.093 min
Delta R.T.: -0.001 min
Response: 2257622
Conc: 2.29 ng/ml



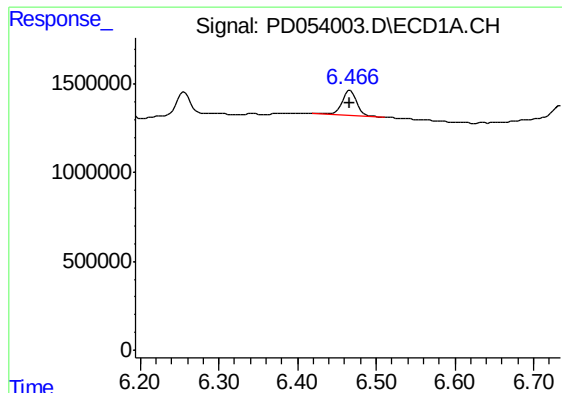
#18 Endrin aldehyde

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 1625487
Conc: 2.56 ng/ml



#18 Endrin aldehyde

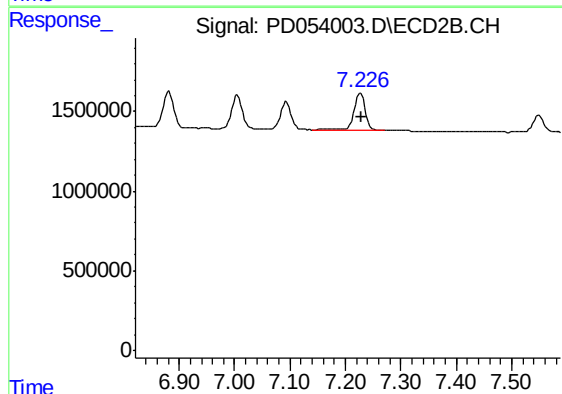
R.T.: 7.005 min
Delta R.T.: -0.001 min
Response: 2744768
Conc: 2.76 ng/ml



#19 Endosulfan Sulfate

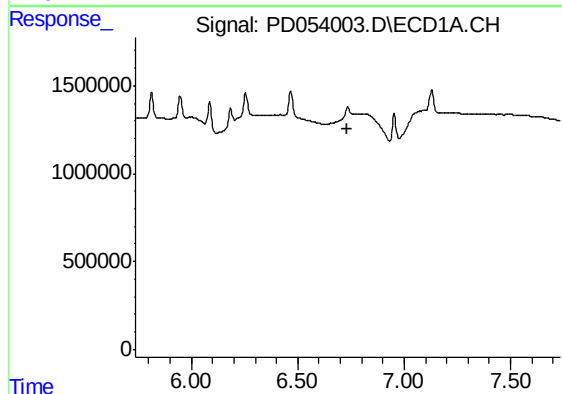
R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 1862965
Conc: 2.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



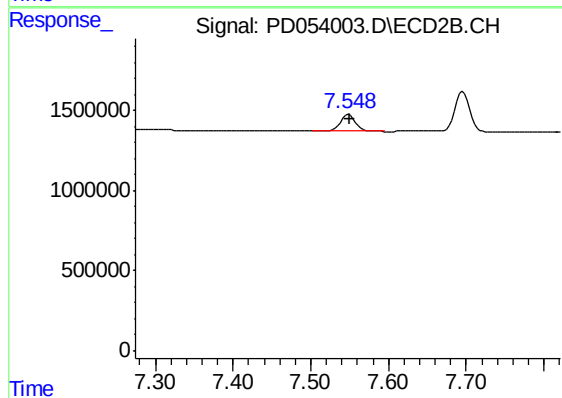
#19 Endosulfan Sulfate

R.T.: 7.227 min
Delta R.T.: 0.000 min
Response: 3210678
Conc: 2.95 ng/ml



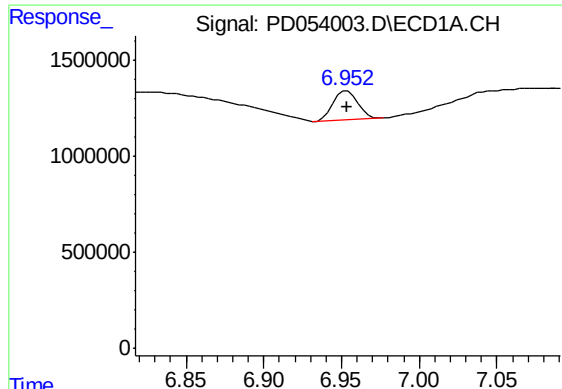
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 6.734 min
Response: 0
Conc: N.D.



#20 Methoxychlor

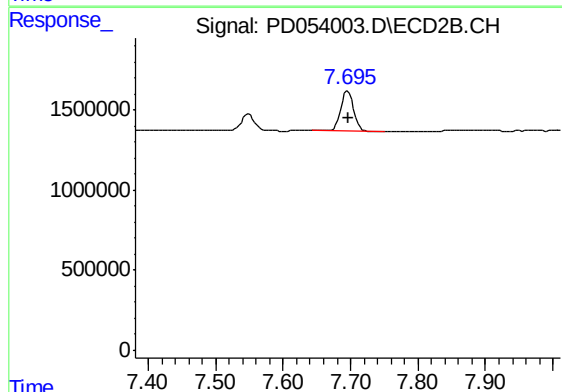
R.T.: 7.549 min
Delta R.T.: -0.001 min
Response: 1429506
Conc: 2.66 ng/ml



#21 Endrin ketone

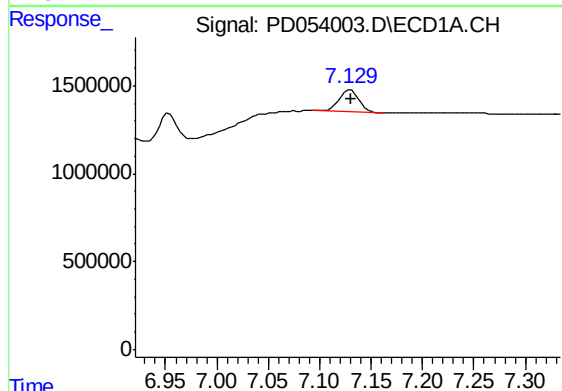
R.T.: 6.954 min
Delta R.T.: 0.000 min
Response: 1667450
Conc: 2.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



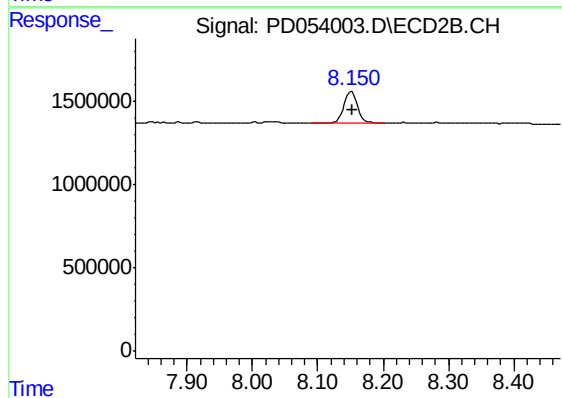
#21 Endrin ketone

R.T.: 7.696 min
Delta R.T.: -0.002 min
Response: 3385705
Conc: 2.78 ng/ml



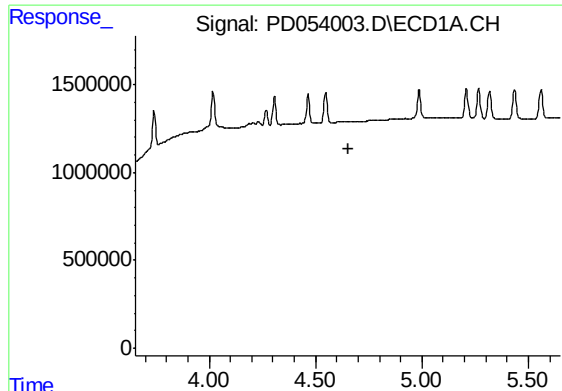
#22 Mirex

R.T.: 7.130 min
Delta R.T.: 0.000 min
Response: 1694979
Conc: 2.61 ng/ml



#22 Mirex

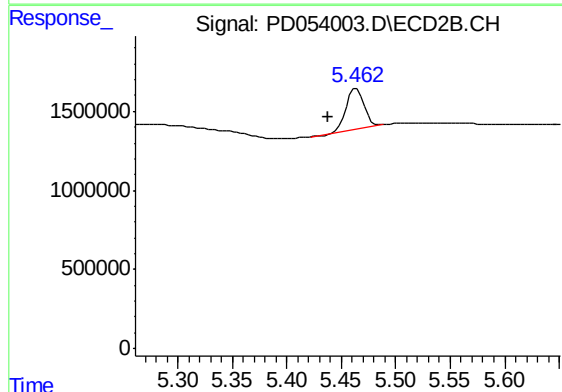
R.T.: 8.152 min
Delta R.T.: 0.000 min
Response: 2681055
Conc: 2.91 ng/ml



#24 Chlordane-2

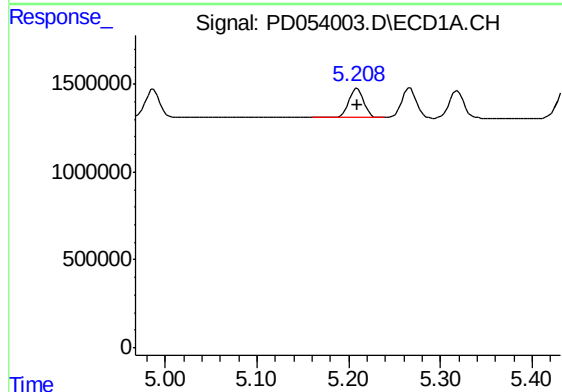
R.T.: 0.000 min
Exp R.T.: 4.652 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



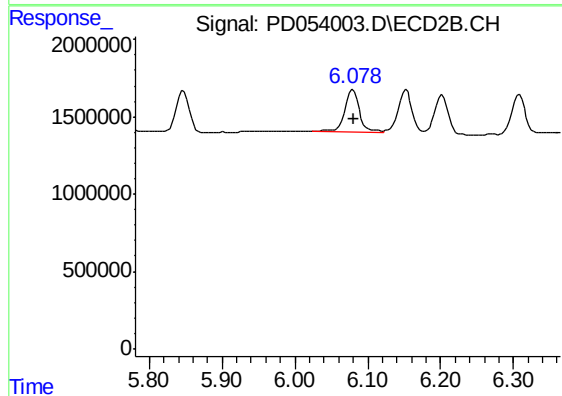
#24 Chlordane-2

R.T.: 5.464 min
Delta R.T.: 0.026 min
Response: 2880667
Conc: 67.97 ng/ml



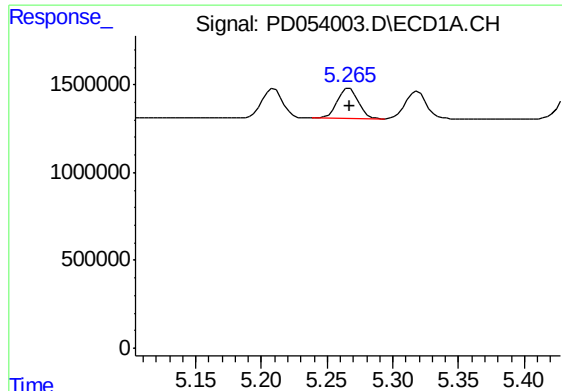
#25 Chlordane-3

R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 1878999
Conc: 23.63 ng/ml



#25 Chlordane-3

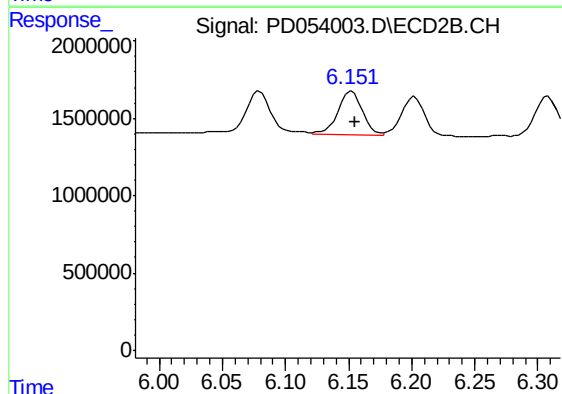
R.T.: 6.080 min
Delta R.T.: -0.002 min
Response: 3828086
Conc: 21.86 ng/ml



#26 Chlordane-4

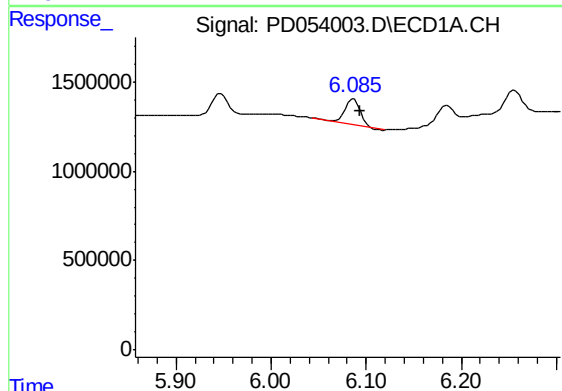
R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 1898424
Conc: 27.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



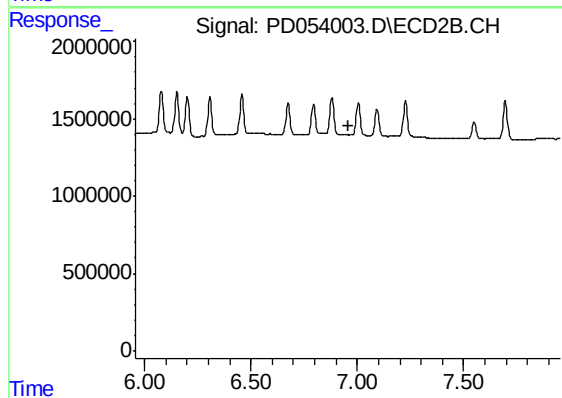
#26 Chlordane-4

R.T.: 6.153 min
Delta R.T.: -0.003 min
Response: 3873578
Conc: 18.30 ng/ml



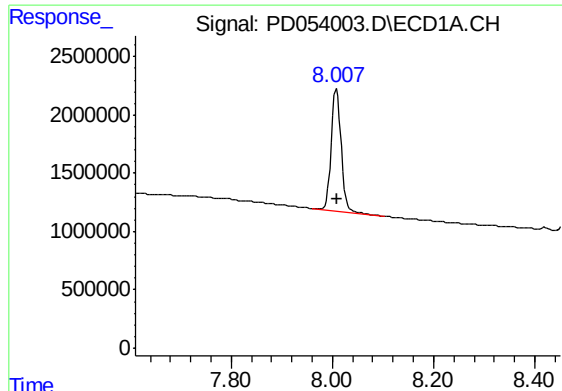
#27 Chlordane-5

R.T.: 6.087 min
Delta R.T.: -0.007 min
Response: 1743795
Conc: 65.29 ng/ml



#27 Chlordane-5

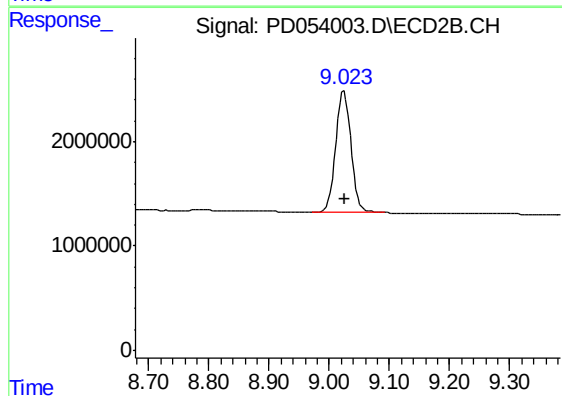
R.T.: 0.000 min
Exp R.T. : 6.956 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.009 min
Delta R.T.: 0.000 min
Response: 14558275
Conc: 21.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2019



#28 Decachlorobiphenyl

R.T.: 9.025 min
Delta R.T.: 0.000 min
Response: 20750130
Conc: 22.38 ng/ml