

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030219\
 Data File : PD051506.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 01 Mar 2019 23:52
 Operator : AJ\SJ
 Sample : K1560-01
 Misc : PEST LOD 1 PPB
 ALS Vial : 24 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: Mar 02 03:03:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 01 23:43:17 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...	3.224	4.044	27337838	643.7E6	20.618	22.447
28)	SA Decachlor...	7.824	9.157	26792072	424.6E6	23.571	23.242
Target Compounds							
2)	A alpha-BHC	3.644	4.436	1853375	54937173	0.844	1.259 #
3)	MA gamma-BHC...	3.913	4.724	1996139	51136614	0.955	1.291 #
4)	MA Heptachlor	4.190	5.237	1921385	54839548	0.896	1.430 #
5)	MB Aldrin	4.422	5.544	1948741	47606347	0.957	1.329 #
6)	B beta-BHC	4.158	4.894	955211	31540345	1.085	1.755 #
7)	B delta-BHC	4.346	5.113	1652449	30268736	0.815	0.881
8)	B Heptachlo...	4.849	5.932	1900254	47631756	0.967	1.485 #
9)	A Endosulfan I	5.170	6.290	1740771	49911091	0.939	1.684 #
10)	B gamma-Chl...	5.066	6.167	1914901	50263549	0.945	1.572 #
11)	B alpha-Chl...	5.123	6.240	1941731	53052474	0.966	1.674 #
12)	B 4,4'-DDE	5.292	6.396	1529710	50339962	0.817	1.628 #
13)	MA Dieldrin	5.406	6.549	1794954	44093485	0.893	1.429 #
14)	MA Endrin	5.653	6.768	1664806	34113948	0.869	1.306 #
15)	B Endosulfa...	5.923	6.977	2208808	60426700	1.226	2.346 #
16)	A 4,4'-DDD	5.793	6.888	988123	60297303	0.628	2.455 #
17)	MA 4,4'-DDT	6.024	7.188	2594772	21339899	1.624	1.053 #
18)	B Endrin al...	6.089	7.101	1600743	29160729	1.082	1.360 #
19)	B Endosulfa...	6.297	7.325	2027245	33146659	1.226	1.414
20)	A Methoxychlor	6.570	7.646	913679	13133566	1.029	1.193
21)	B Endrin ke...	6.773	7.799	1995299	30326920	1.078	1.342
22)	Mirex	6.942	8.256	863718	23596412	0.687	1.525 #
23)	Chlordane-1	0.000	5.026f	0	4592445	N.D.	2.999 #
24)	Chlordane-2	0.000	5.544f	0	47606347	N.D.	33.573 #
25)	Chlordane-3	5.066	6.167	1914901	50263549	8.228	11.287 #
26)	Chlordane-4	5.123	6.240	1941731	53052474	8.684	10.130
27)	Chlordane-5	5.923	7.050	2208808	965000	30.752	0.953 #

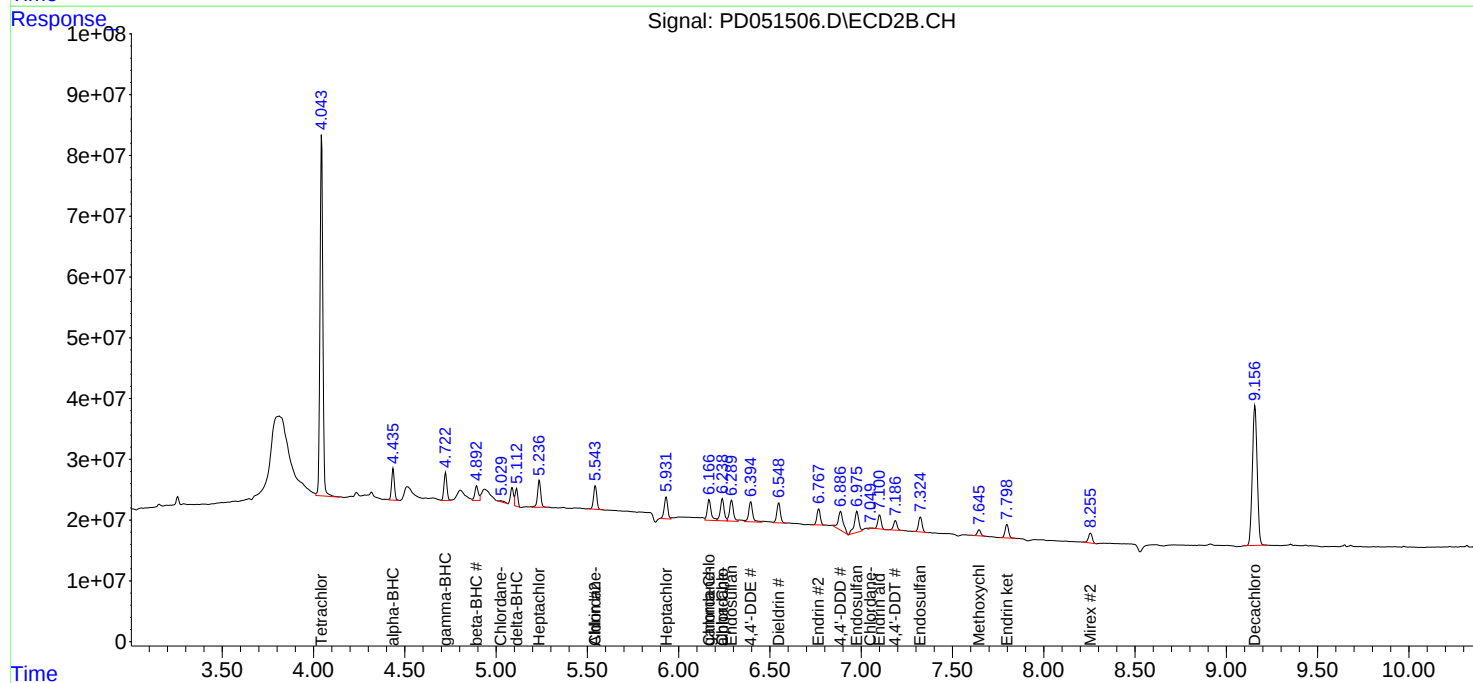
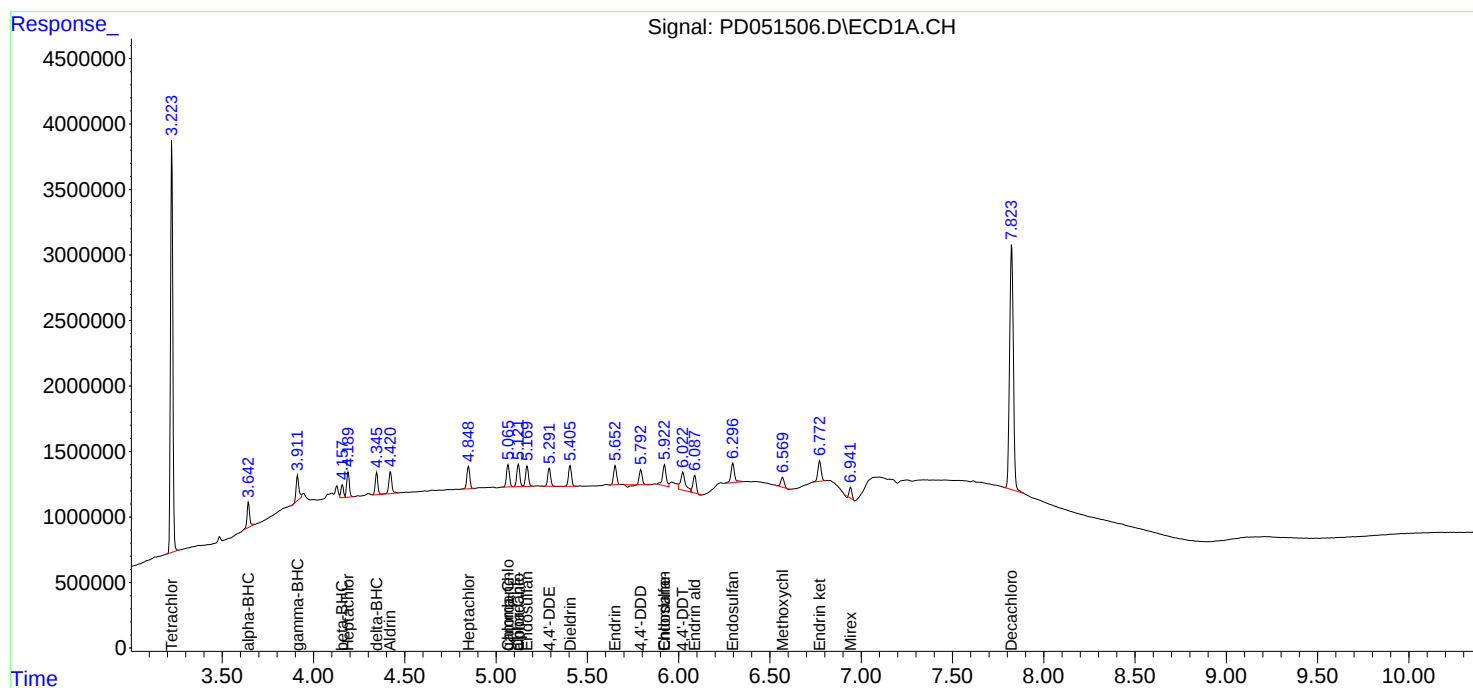
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

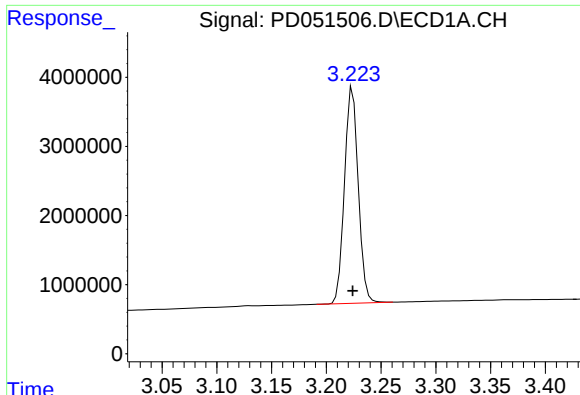
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030219\
Data File : PD051506.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 01 Mar 2019 23:52
Operator : AJ\SJ
Sample : K1560-01
Misc : PEST LOD 1 PPB
ALS Vial : 24 Sample Multiplier: 1

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 02 03:03:28 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030219.M
Quant Title : GC Extractables
QLast Update : Fri Mar 01 23:43:17 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

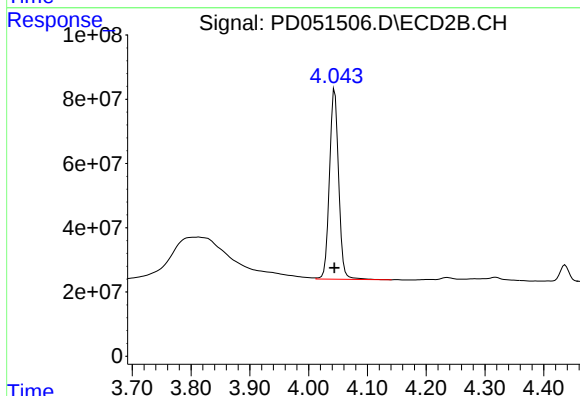




#1 Tetrachloro-m-xylene

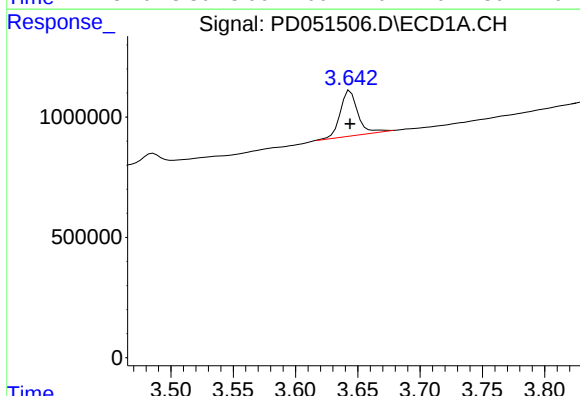
R.T.: 3.224 min
Delta R.T.: 0.000 min
Response: 27337838
Conc: 20.62 ng/ml

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



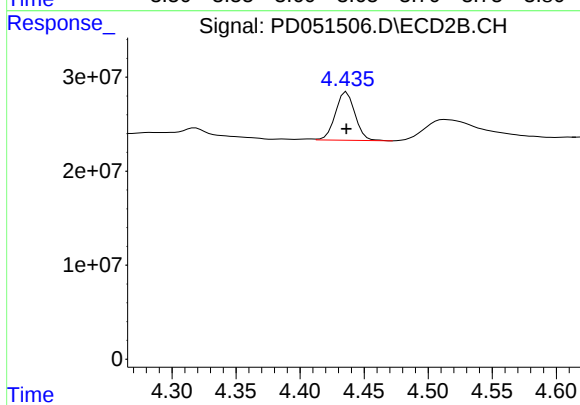
#1 Tetrachloro-m-xylene

R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 643705994
Conc: 22.45 ng/ml



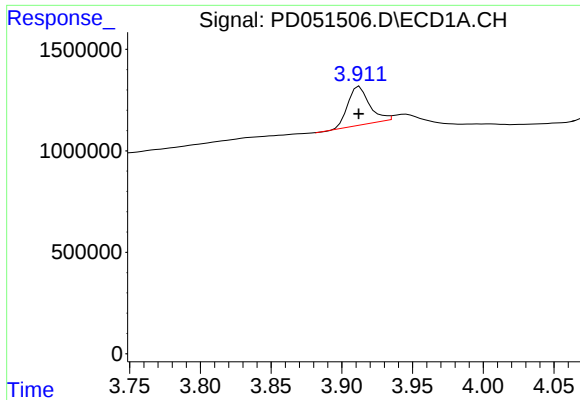
#2 alpha-BHC

R.T.: 3.644 min
Delta R.T.: 0.000 min
Response: 1853375
Conc: 0.84 ng/ml



#2 alpha-BHC

R.T.: 4.436 min
Delta R.T.: 0.000 min
Response: 54937173
Conc: 1.26 ng/ml



#3 gamma-BHC (Lindane)

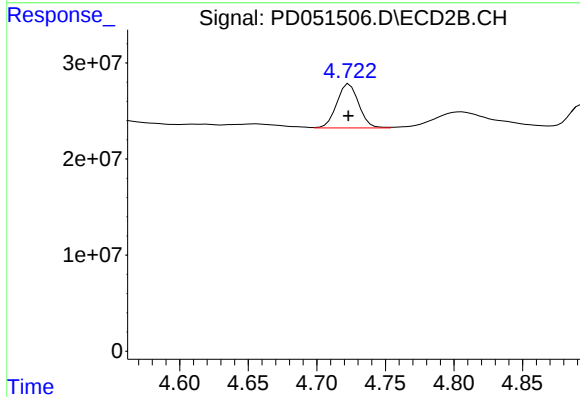
R.T.: 3.913 min

Delta R.T.: 0.000 min

Response: 1996139

Conc: 0.96 ng/ml

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



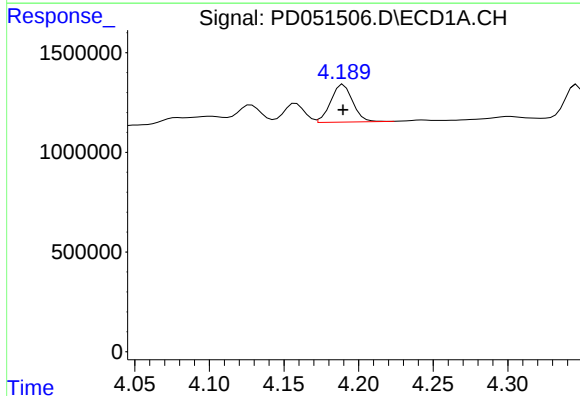
#3 gamma-BHC (Lindane)

R.T.: 4.724 min

Delta R.T.: 0.000 min

Response: 51136614

Conc: 1.29 ng/ml



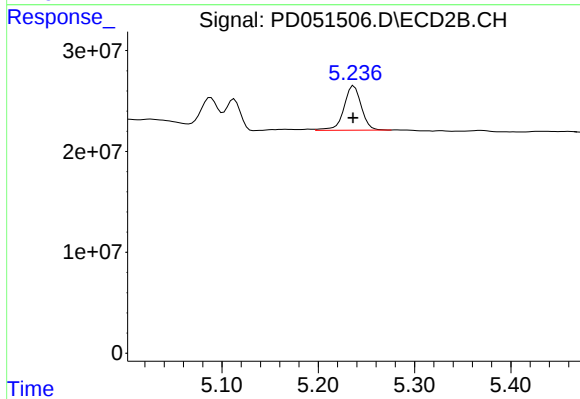
#4 Heptachlor

R.T.: 4.190 min

Delta R.T.: 0.000 min

Response: 1921385

Conc: 0.90 ng/ml



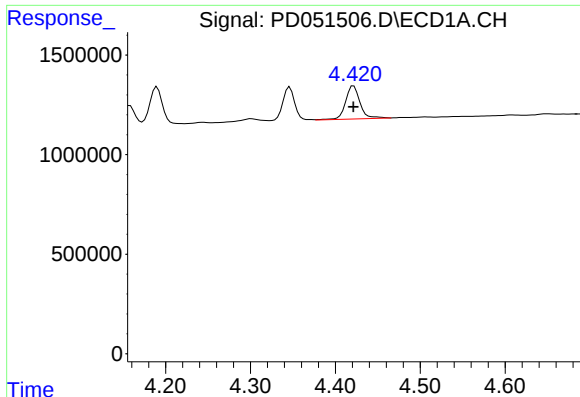
#4 Heptachlor

R.T.: 5.237 min

Delta R.T.: 0.000 min

Response: 54839548

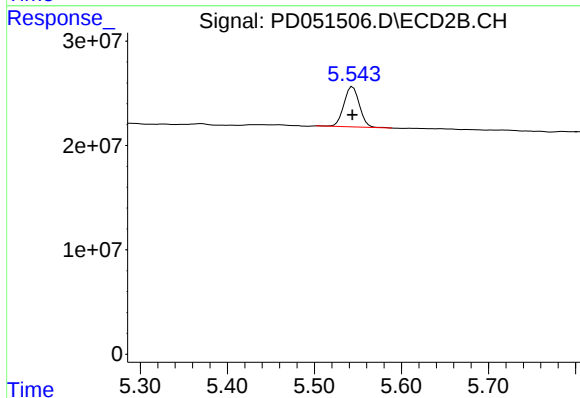
Conc: 1.43 ng/ml



#5 Aldrin

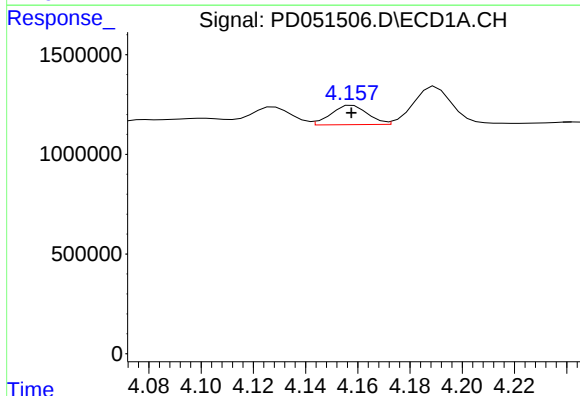
R.T.: 4.422 min
Delta R.T.: 0.000 min
Response: 1948741
Conc: 0.96 ng/ml

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



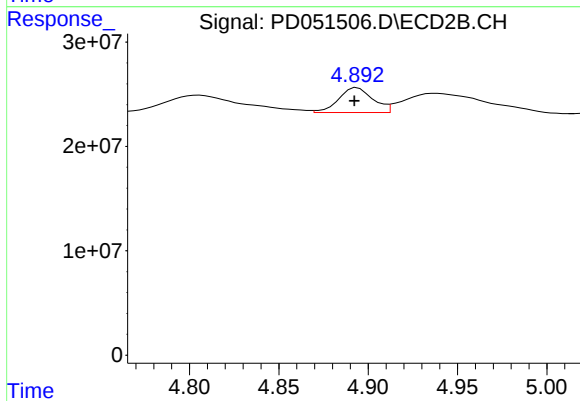
#5 Aldrin

R.T.: 5.544 min
Delta R.T.: 0.000 min
Response: 47606347
Conc: 1.33 ng/ml



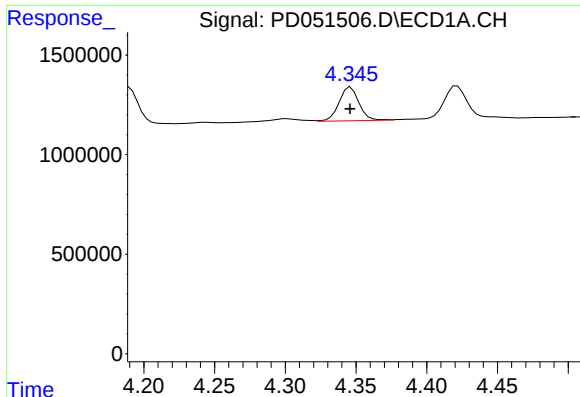
#6 beta-BHC

R.T.: 4.158 min
Delta R.T.: 0.000 min
Response: 955211
Conc: 1.08 ng/ml



#6 beta-BHC

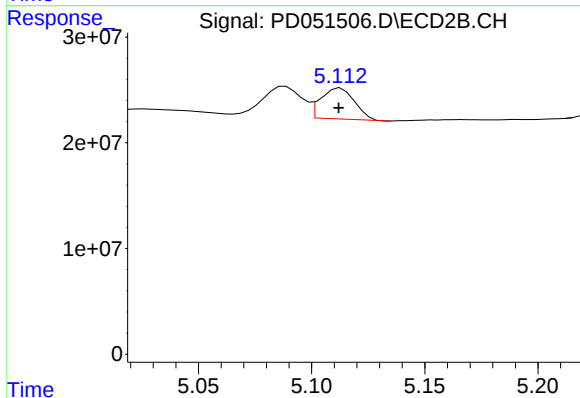
R.T.: 4.894 min
Delta R.T.: 0.002 min
Response: 31540345
Conc: 1.75 ng/ml



#7 delta-BHC

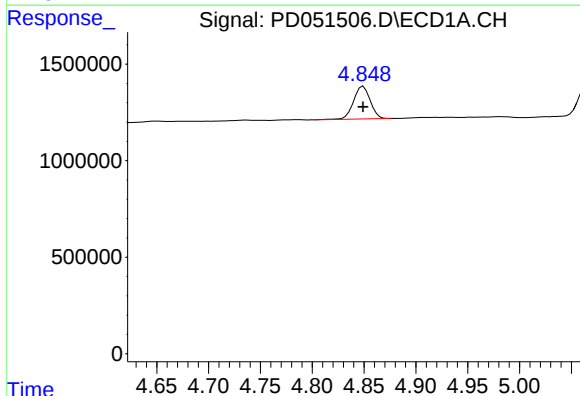
R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 1652449
Conc: 0.81 ng/ml

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



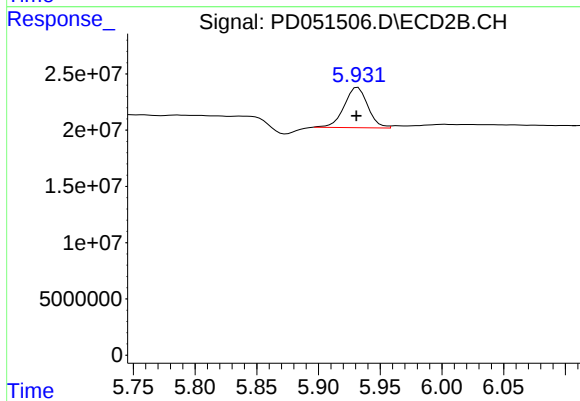
#7 delta-BHC

R.T.: 5.113 min
Delta R.T.: 0.000 min
Response: 30268736
Conc: 0.88 ng/ml



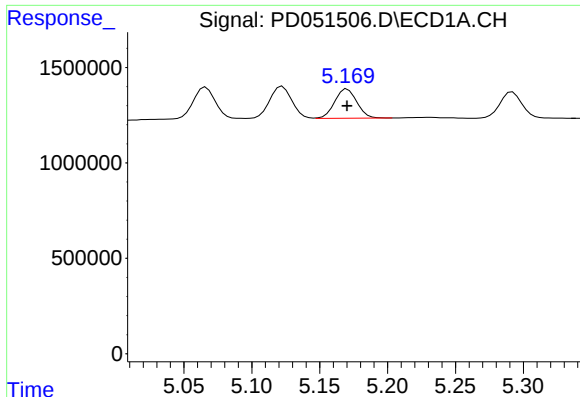
#8 Heptachlor epoxide

R.T.: 4.849 min
Delta R.T.: 0.000 min
Response: 1900254
Conc: 0.97 ng/ml



#8 Heptachlor epoxide

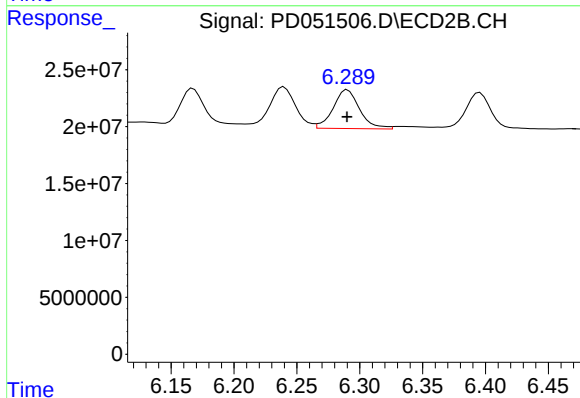
R.T.: 5.932 min
Delta R.T.: 0.001 min
Response: 47631756
Conc: 1.49 ng/ml



#9 Endosulfan I

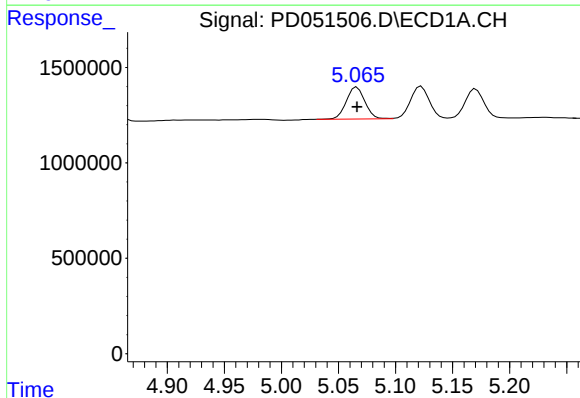
R.T.: 5.170 min
Delta R.T.: 0.000 min
Response: 1740771
Conc: 0.94 ng/ml

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



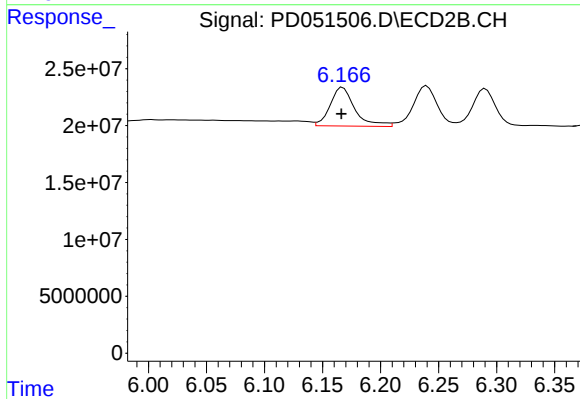
#9 Endosulfan I

R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 49911091
Conc: 1.68 ng/ml



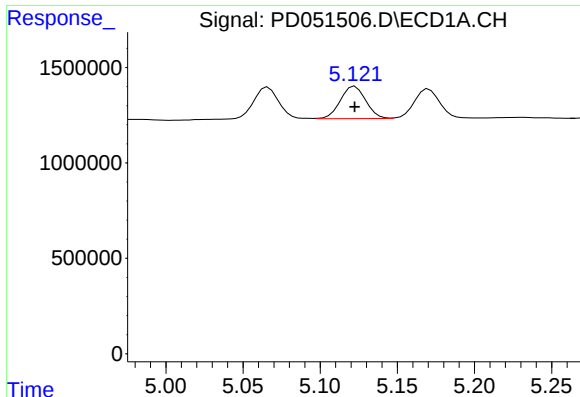
#10 gamma-Chlordane

R.T.: 5.066 min
Delta R.T.: 0.000 min
Response: 1914901
Conc: 0.94 ng/ml



#10 gamma-Chlordane

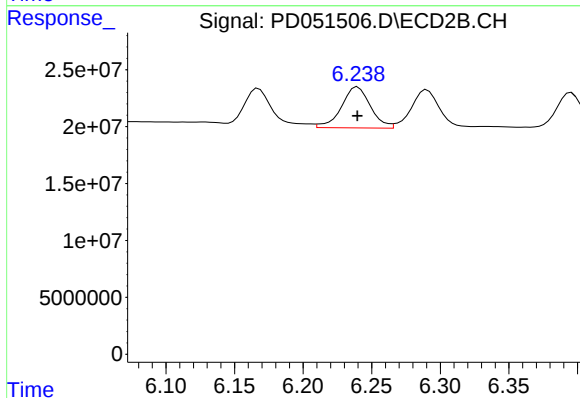
R.T.: 6.167 min
Delta R.T.: 0.001 min
Response: 50263549
Conc: 1.57 ng/ml



#11 alpha-Chlordane

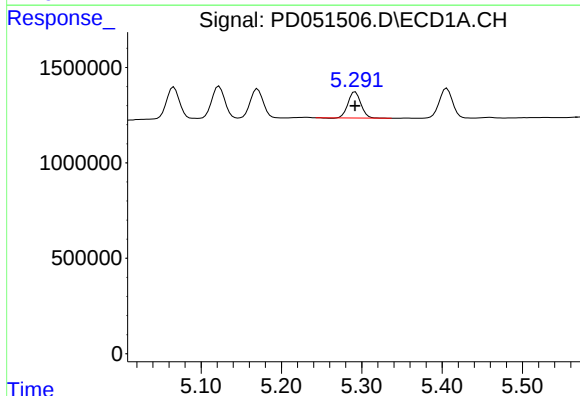
R.T.: 5.123 min
Delta R.T.: 0.000 min
Response: 1941731
Conc: 0.97 ng/ml

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



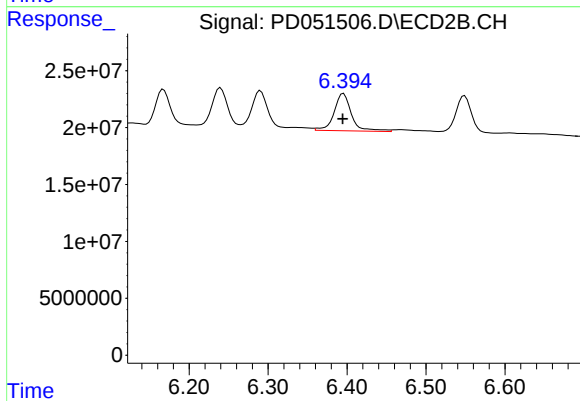
#11 alpha-Chlordane

R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 53052474
Conc: 1.67 ng/ml



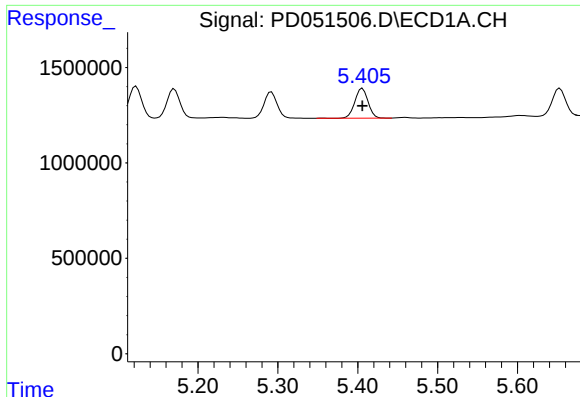
#12 4,4'-DDE

R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 1529710
Conc: 0.82 ng/ml



#12 4,4'-DDE

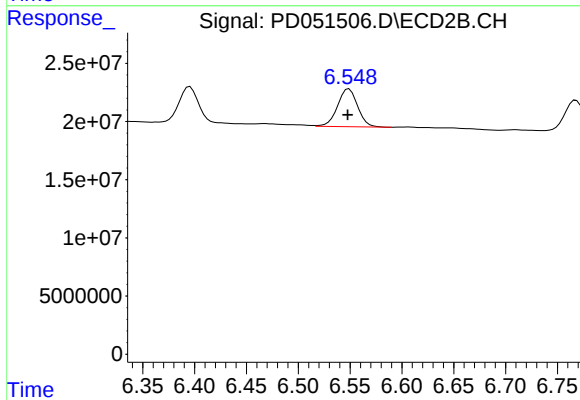
R.T.: 6.396 min
Delta R.T.: 0.000 min
Response: 50339962
Conc: 1.63 ng/ml



#13 Dieldrin

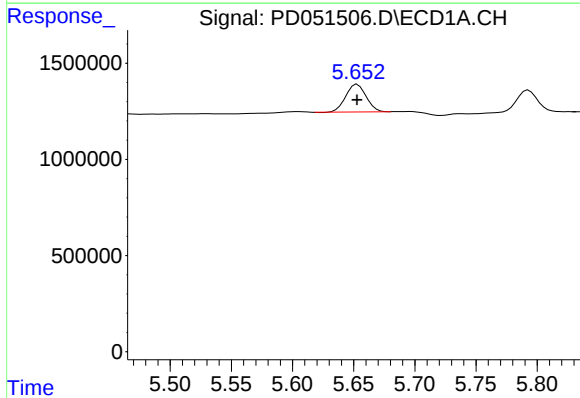
R.T.: 5.406 min
Delta R.T.: 0.000 min
Response: 1794954
Conc: 0.89 ng/ml

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



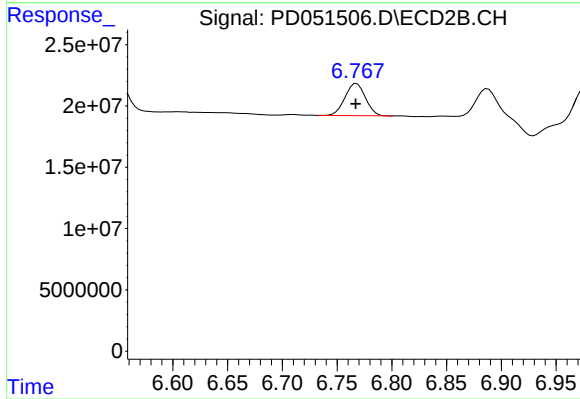
#13 Dieldrin

R.T.: 6.549 min
Delta R.T.: 0.001 min
Response: 44093485
Conc: 1.43 ng/ml



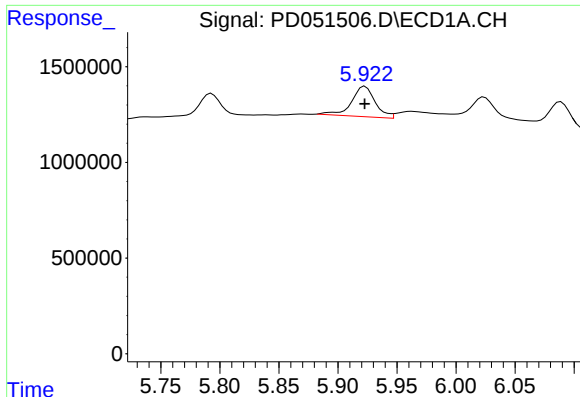
#14 Endrin

R.T.: 5.653 min
Delta R.T.: 0.000 min
Response: 1664806
Conc: 0.87 ng/ml



#14 Endrin

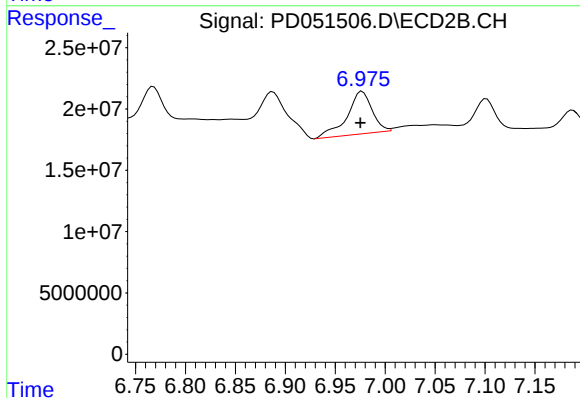
R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 34113948
Conc: 1.31 ng/ml



#15 Endosulfan II

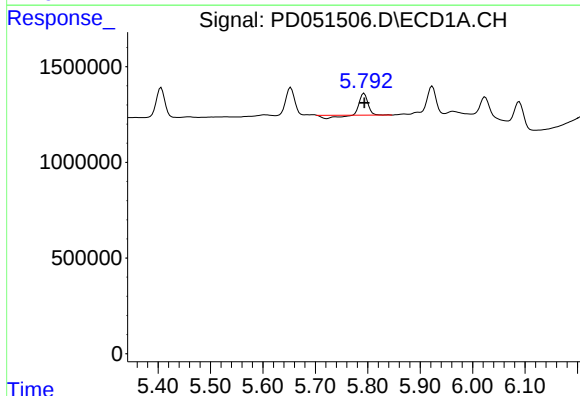
R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 2208808
Conc: 1.23 ng/ml

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



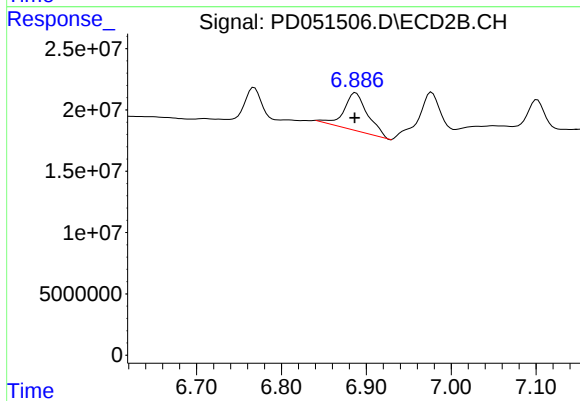
#15 Endosulfan II

R.T.: 6.977 min
Delta R.T.: 0.002 min
Response: 60426700
Conc: 2.35 ng/ml



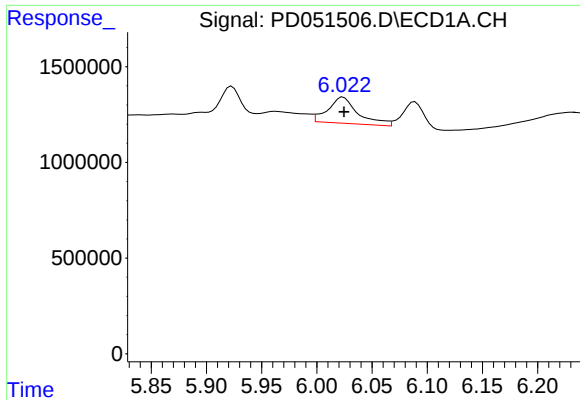
#16 4,4'-DDD

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 988123
Conc: 0.63 ng/ml



#16 4,4'-DDD

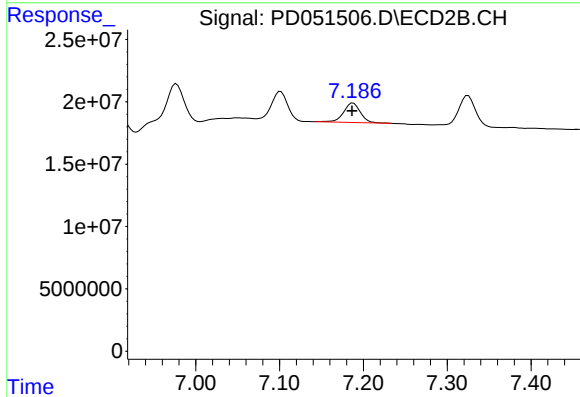
R.T.: 6.888 min
Delta R.T.: 0.001 min
Response: 60297303
Conc: 2.45 ng/ml



#17 4,4'-DDT

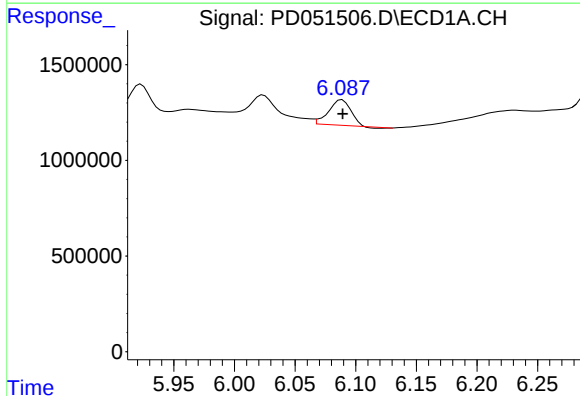
R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 2594772
Conc: 1.62 ng/ml

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



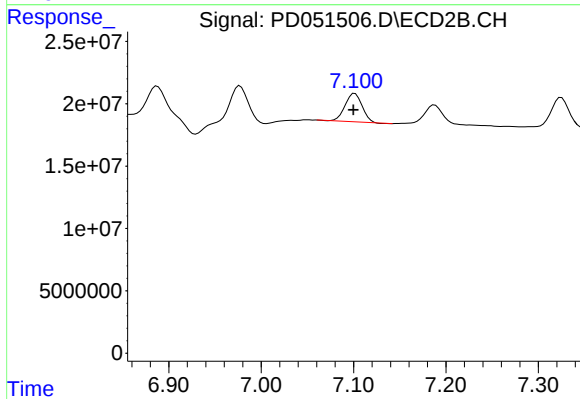
#17 4,4'-DDT

R.T.: 7.188 min
Delta R.T.: 0.001 min
Response: 21339899
Conc: 1.05 ng/ml



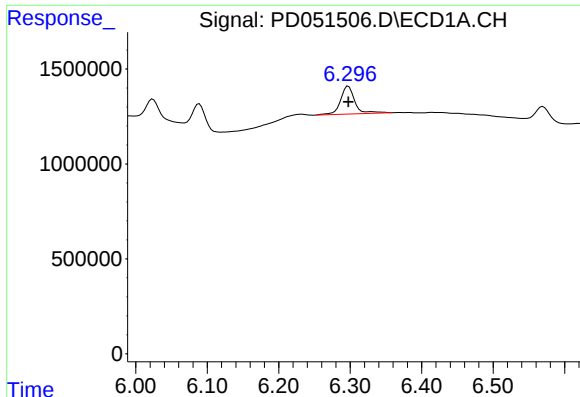
#18 Endrin aldehyde

R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 1600743
Conc: 1.08 ng/ml



#18 Endrin aldehyde

R.T.: 7.101 min
Delta R.T.: 0.002 min
Response: 29160729
Conc: 1.36 ng/ml



#19 Endosulfan Sulfate

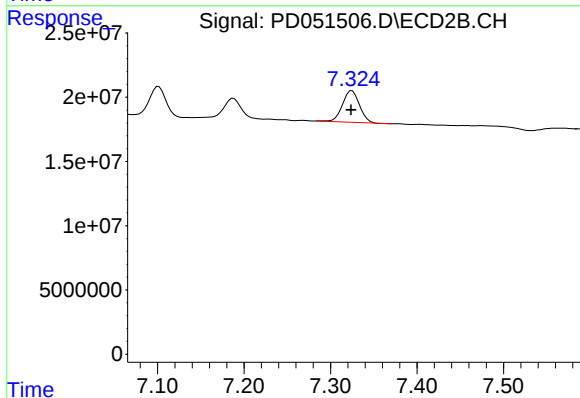
R.T.: 6.297 min

Delta R.T.: 0.000 min

Response: 2027245

Conc: 1.23 ng/ml

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



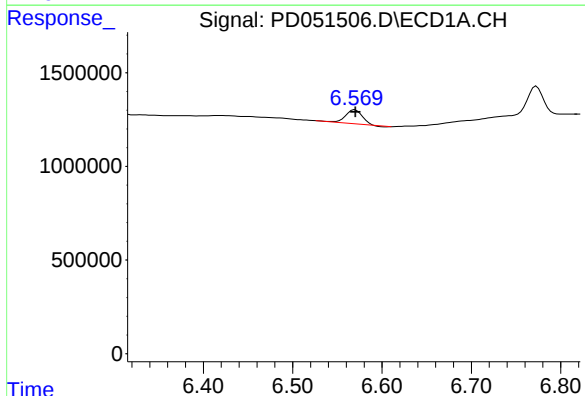
#19 Endosulfan Sulfate

R.T.: 7.325 min

Delta R.T.: 0.001 min

Response: 33146659

Conc: 1.41 ng/ml



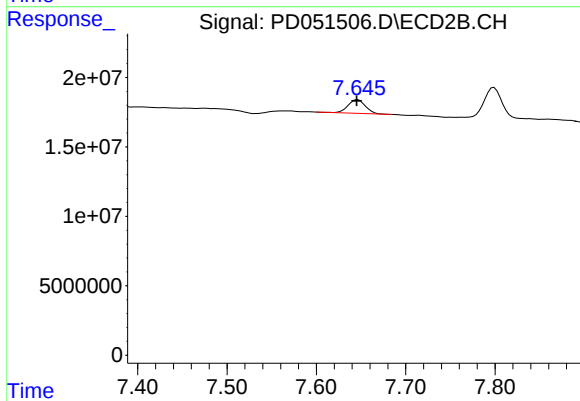
#20 Methoxychlor

R.T.: 6.570 min

Delta R.T.: 0.000 min

Response: 913679

Conc: 1.03 ng/ml



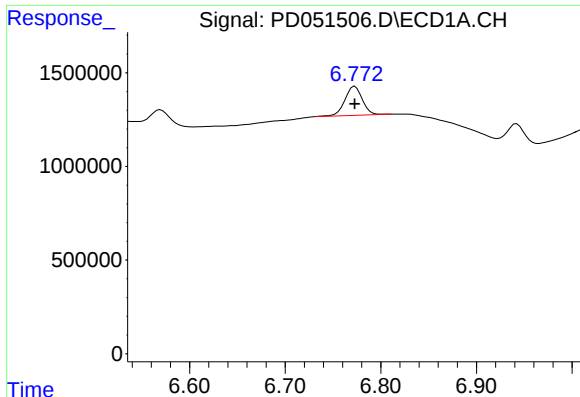
#20 Methoxychlor

R.T.: 7.646 min

Delta R.T.: 0.001 min

Response: 13133566

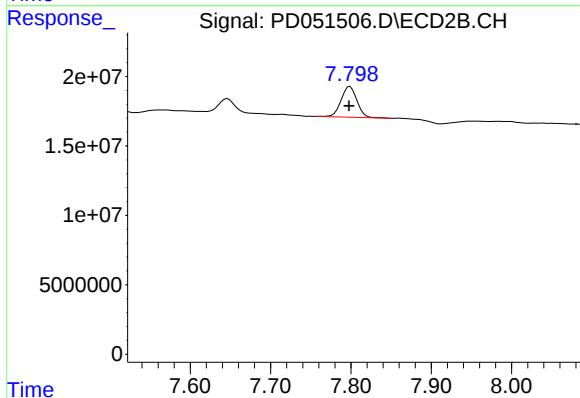
Conc: 1.19 ng/ml



#21 Endrin ketone

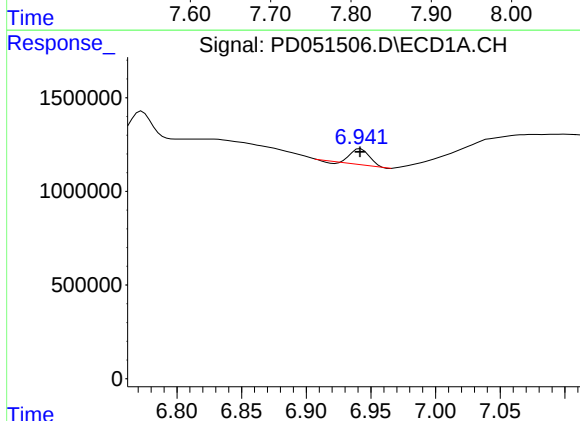
R.T.: 6.773 min
Delta R.T.: 0.000 min
Response: 1995299
Conc: 1.08 ng/ml

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



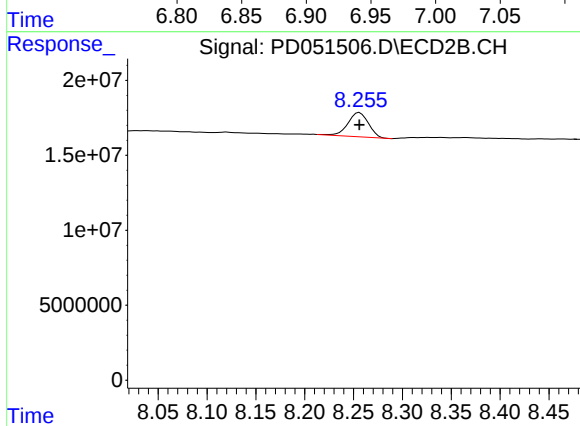
#21 Endrin ketone

R.T.: 7.799 min
Delta R.T.: 0.001 min
Response: 30326920
Conc: 1.34 ng/ml



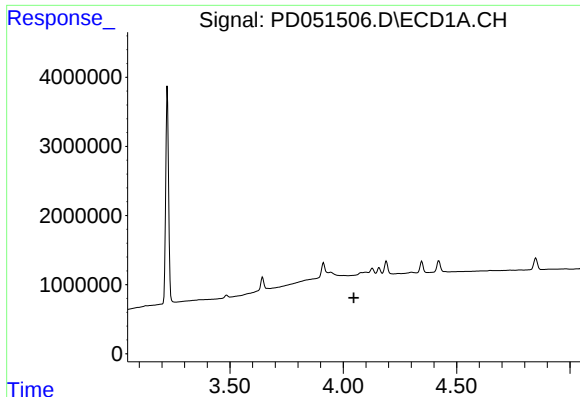
#22 Mirex

R.T.: 6.942 min
Delta R.T.: 0.000 min
Response: 863718
Conc: 0.69 ng/ml



#22 Mirex

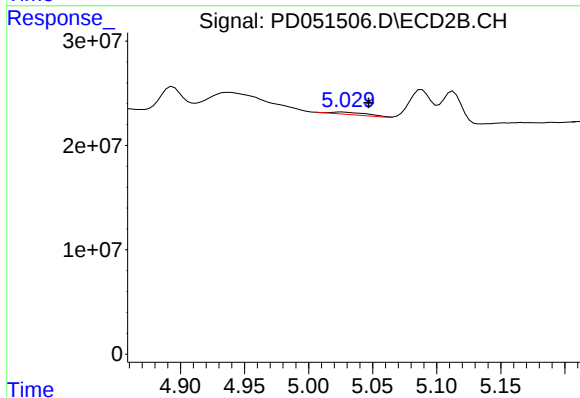
R.T.: 8.256 min
Delta R.T.: 0.000 min
Response: 23596412
Conc: 1.52 ng/ml



#23 Chlordane-1

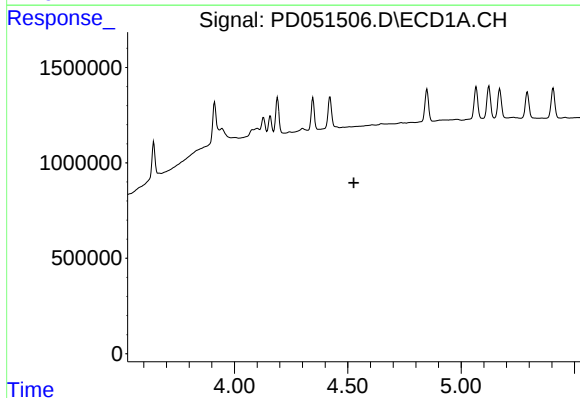
R.T.: 0.000 min
Exp R.T.: 4.046 min
Response: 0
Conc: N.D.

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



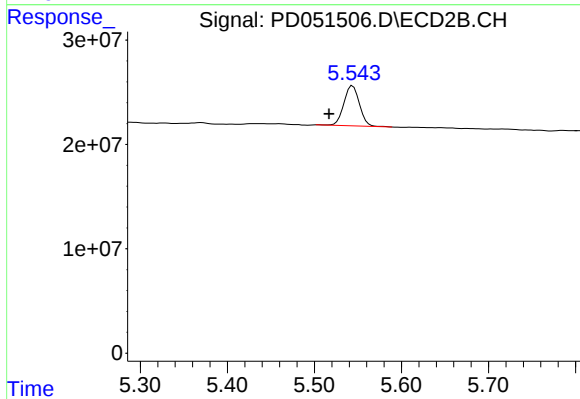
#23 Chlordane-1

R.T.: 5.026 min
Delta R.T.: -0.021 min
Response: 4592445
Conc: 3.00 ng/ml



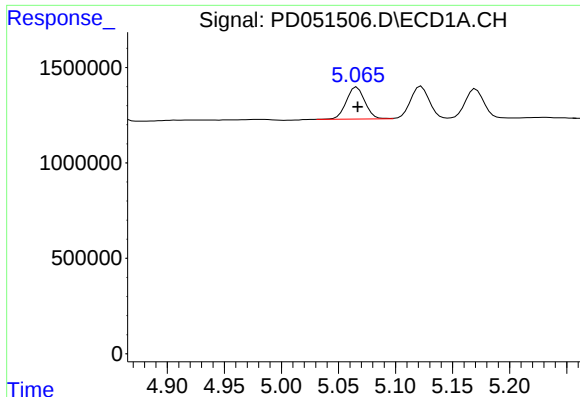
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 4.526 min
Response: 0
Conc: N.D.



#24 Chlordane-2

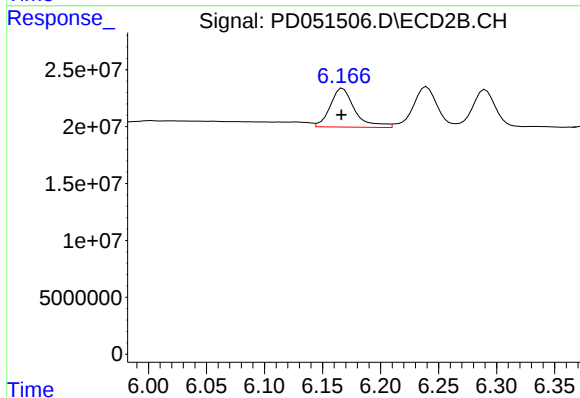
R.T.: 5.544 min
Delta R.T.: 0.027 min
Response: 47606347
Conc: 33.57 ng/ml



#25 Chlordane-3

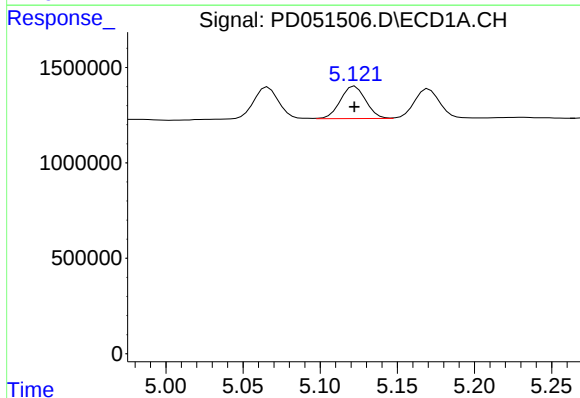
R.T.: 5.066 min
Delta R.T.: 0.000 min
Response: 1914901
Conc: 8.23 ng/ml

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



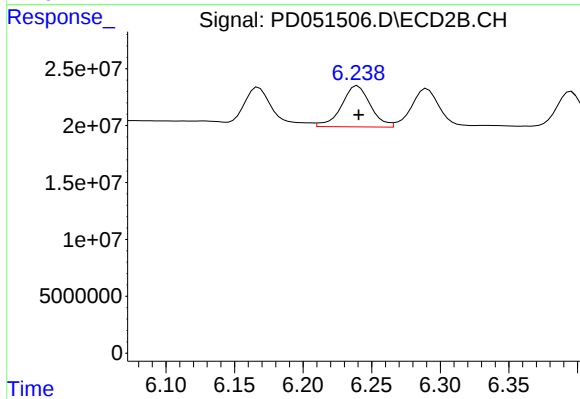
#25 Chlordane-3

R.T.: 6.167 min
Delta R.T.: 0.001 min
Response: 50263549
Conc: 11.29 ng/ml



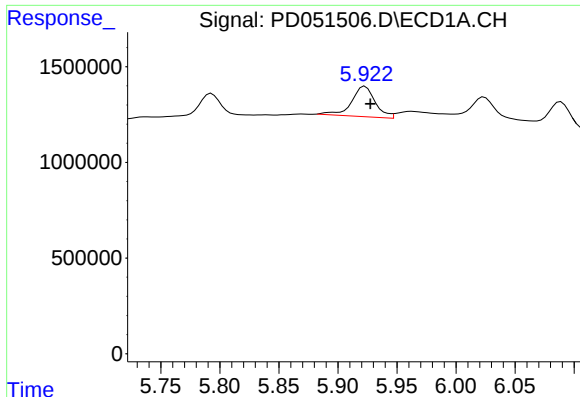
#26 Chlordane-4

R.T.: 5.123 min
Delta R.T.: 0.000 min
Response: 1941731
Conc: 8.68 ng/ml



#26 Chlordane-4

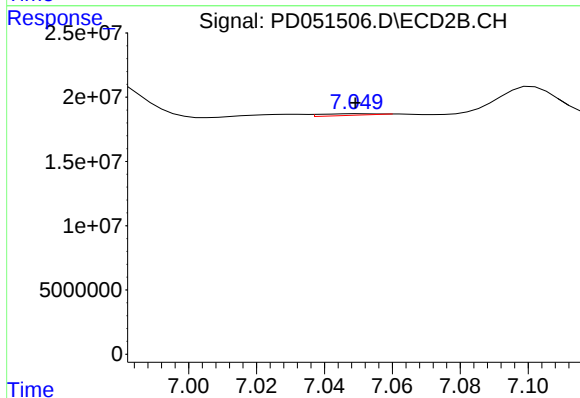
R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 53052474
Conc: 10.13 ng/ml



#27 Chlordane-5

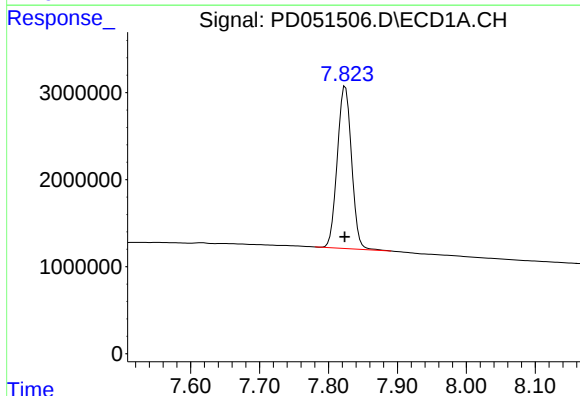
R.T.: 5.923 min
Delta R.T.: -0.004 min
Response: 2208808
Conc: 30.75 ng/ml

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



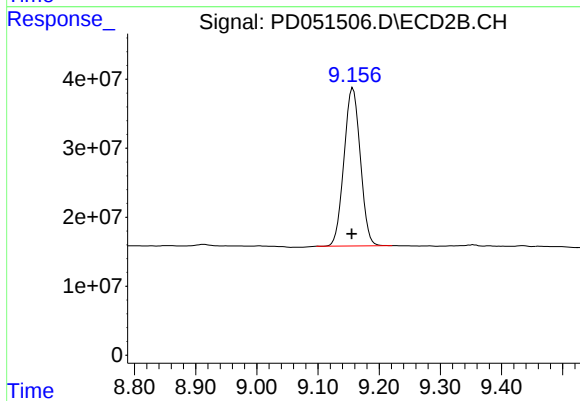
#27 Chlordane-5

R.T.: 7.050 min
Delta R.T.: 0.000 min
Response: 965000
Conc: 0.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.824 min
Delta R.T.: 0.001 min
Response: 26792072
Conc: 23.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.157 min
Delta R.T.: 0.002 min
Response: 424564976
Conc: 23.24 ng/ml