

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071919\
 Data File : PD054004.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 18 Jul 2019 22:34
 Operator : SM\AJ
 Sample : K3591-02
 Misc : LOQ 5 PPB
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-SOIL-02-QT3-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 19 05:11:22 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	11908184	18755522	20.690	21.530
28)	SA Decachlor...	8.008	9.024	14879884	21440666	22.104	23.128
Target Compounds							
2)	A alpha-BHC	3.742	4.369	3998874	5703692	4.617	4.522
3)	MA gamma-BHC...	4.019	4.652	3965411	5966879	4.834	4.865
4)	MA Heptachlor	4.307	5.160	3414574	6693105	4.686	5.343
5)	MB Aldrin	4.548	5.464	3770720	6191464	4.745	5.036
6)	B beta-BHC	4.269	4.819	1561766	2946231	4.434	5.262
7)	B delta-BHC	4.466	5.035	3496146	5929787	4.170	4.581
8)	B Heptachlor...	4.986	5.848	3843992	6565294	5.067	5.429
9)	A Endosulfan I	5.319	6.203	3691703	6322029	4.969	5.444
10)	B gamma-Chl...	5.209	6.080	4017792	7113017	4.940	5.400
11)	B alpha-Chl...	5.267	6.153	4068425	7225647	5.022	5.565
12)	B 4,4'-DDE	5.436	6.309	3739260	6384475	4.719	5.196
13)	MA Dieldrin	5.560	6.459	3879677	6665711	4.777	5.305
14)	MA Endrin	5.814	6.675	3778630	5573766	5.046	5.318
15)	B Endosulfa...	6.087	6.883	3614481	6397083	4.831	5.532
16)	A 4,4'-DDD	5.948	6.795	2911711	5413062	4.865	5.358
17)	MA 4,4'-DDT	6.185	7.094	2375439	4776055	4.125	4.848
18)	B Endrin al...	6.256	7.006	3404732	5562100	5.360	5.593
19)	B Endosulfa...	6.467	7.228	3805122	6264093	5.413	5.765
20)	A Methoxychlor	6.735	7.550	1458265	2988772	5.103	5.570
21)	B Endrin ke...	6.954	7.698	3862340	6831333	4.819	5.619
22)	Mirex	7.129	8.153	3335370	5363916	5.127	5.820
24)	Chlordane-2	0.000	5.464f	0	6191464	N.D.	146.082 #
25)	Chlordane-3	5.209	6.080	4017792	7113017	50.518	40.619
26)	Chlordane-4	5.267	6.153	4068425	7225647	59.114	34.136 #
27)	Chlordane-5	6.087	0.000	3614481	0	135.322	N.D. #

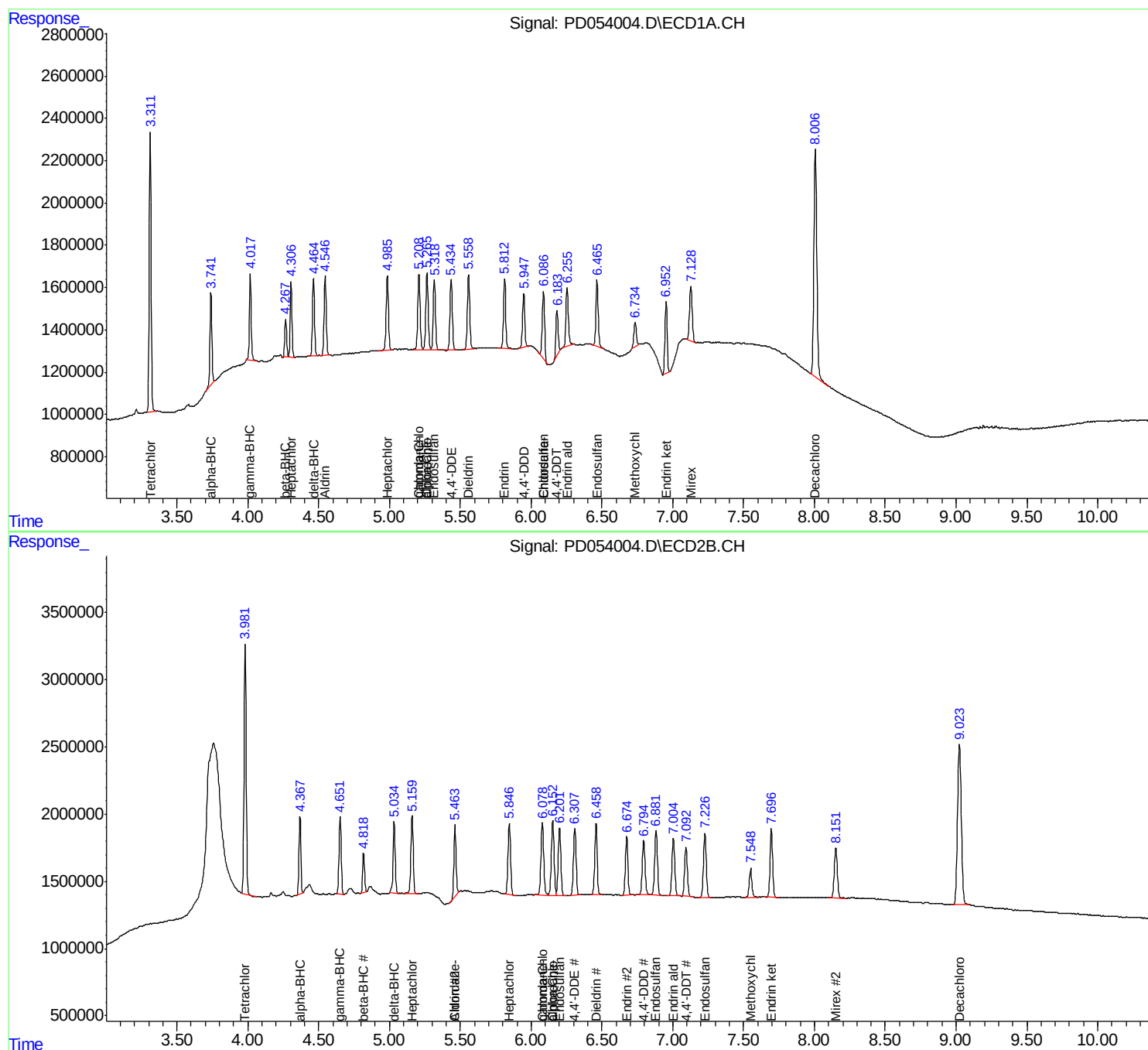
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

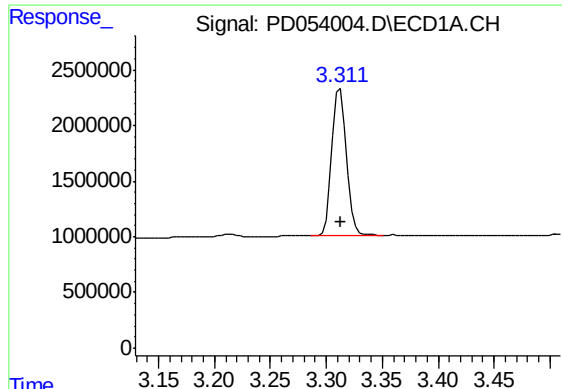
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071919\
Data File : PD054004.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 18 Jul 2019 22:34
Operator : SM\AJ
Sample : K3591-02
Misc : LOQ 5 PPB
ALS Vial : 44 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 19 05:11:22 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

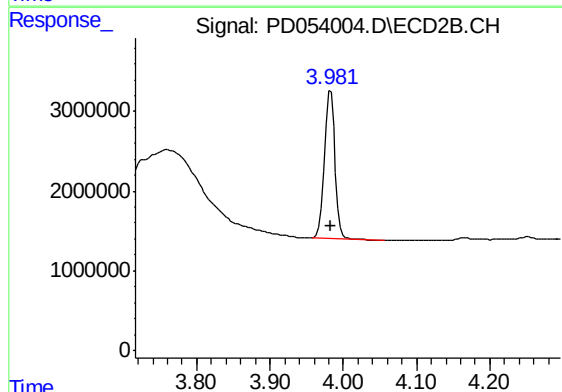




#1 Tetrachloro-m-xylene

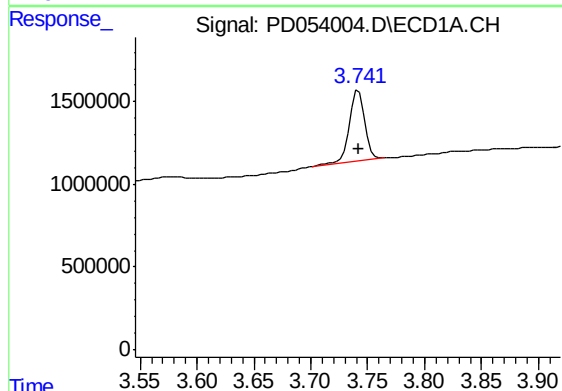
R.T.: 3.313 min
Delta R.T.: 0.000 min
Response: 11908184
Conc: 20.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2019



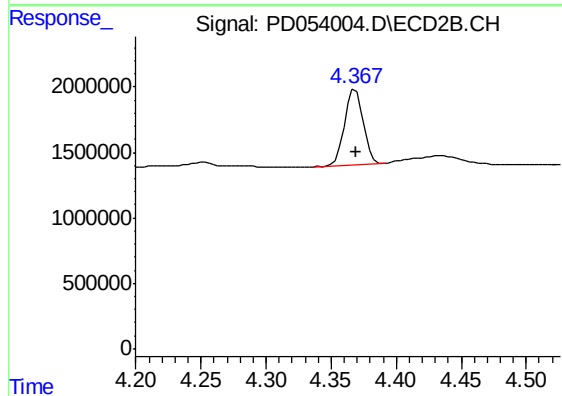
#1 Tetrachloro-m-xylene

R.T.: 3.983 min
Delta R.T.: 0.000 min
Response: 18755522
Conc: 21.53 ng/ml



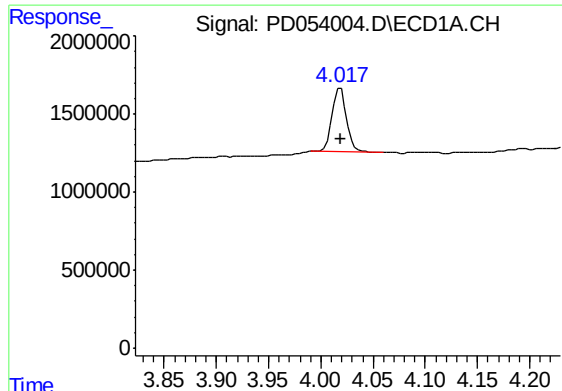
#2 alpha-BHC

R.T.: 3.742 min
Delta R.T.: 0.000 min
Response: 3998874
Conc: 4.62 ng/ml



#2 alpha-BHC

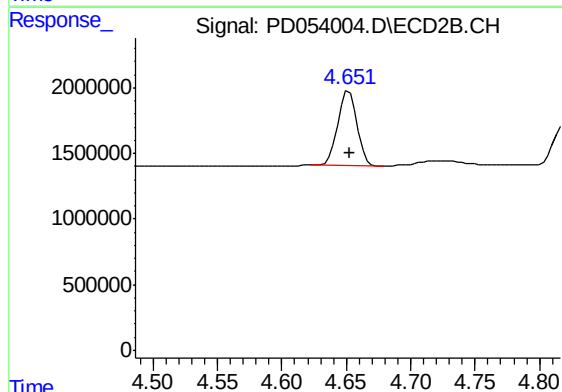
R.T.: 4.369 min
Delta R.T.: -0.001 min
Response: 5703692
Conc: 4.52 ng/ml



#3 gamma-BHC (Lindane)

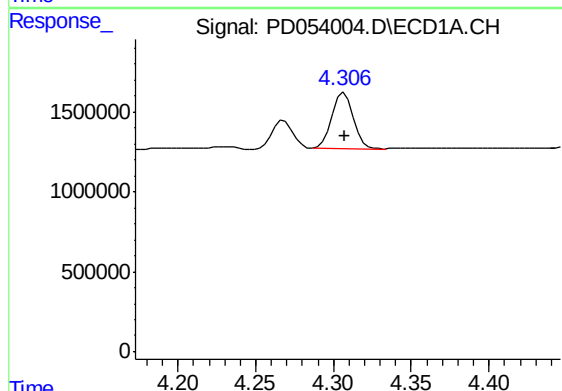
R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 3965411
Conc: 4.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2019



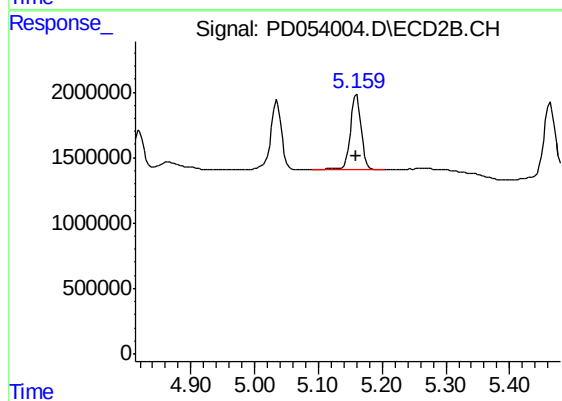
#3 gamma-BHC (Lindane)

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 5966879
Conc: 4.86 ng/ml



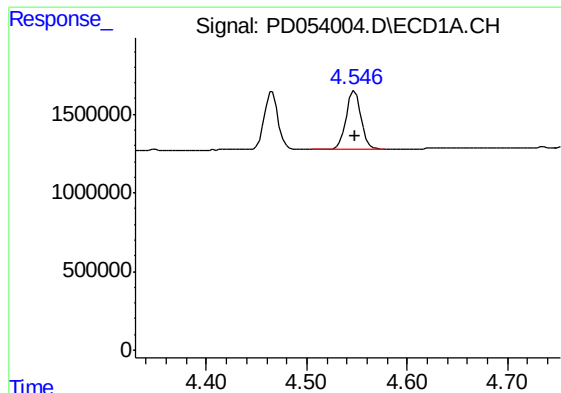
#4 Heptachlor

R.T.: 4.307 min
Delta R.T.: 0.000 min
Response: 3414574
Conc: 4.69 ng/ml



#4 Heptachlor

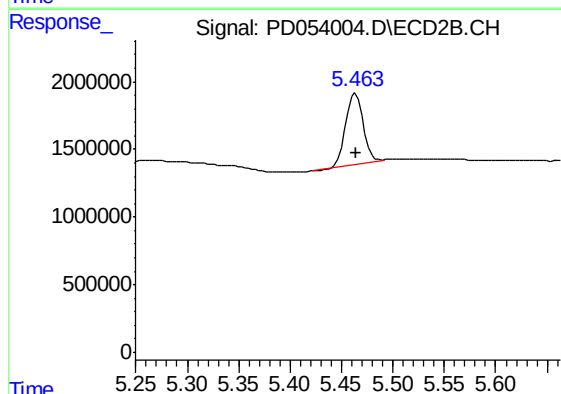
R.T.: 5.160 min
Delta R.T.: 0.000 min
Response: 6693105
Conc: 5.34 ng/ml



#5 Aldrin

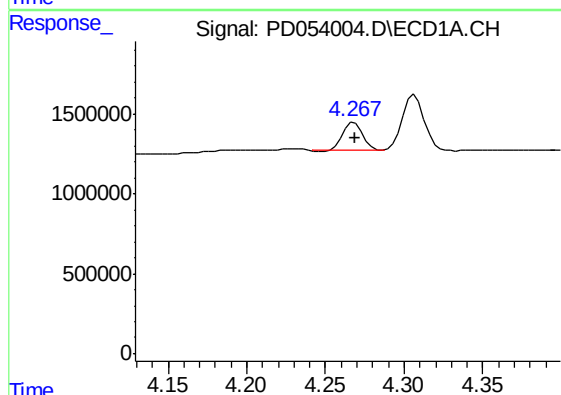
R.T.: 4.548 min
Delta R.T.: 0.000 min
Response: 3770720
Conc: 4.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2019



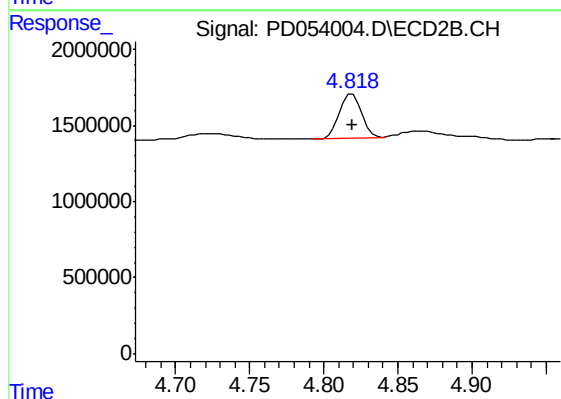
#5 Aldrin

R.T.: 5.464 min
Delta R.T.: 0.000 min
Response: 6191464
Conc: 5.04 ng/ml



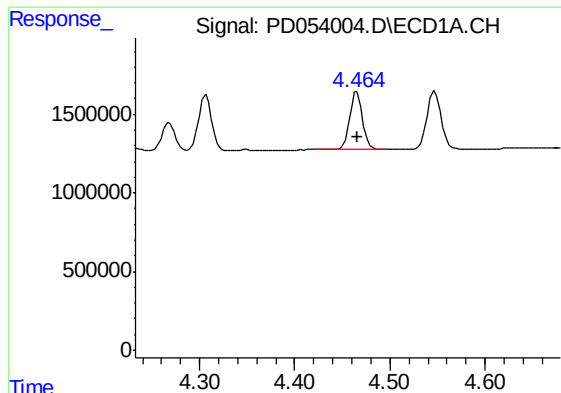
#6 beta-BHC

R.T.: 4.269 min
Delta R.T.: 0.000 min
Response: 1561766
Conc: 4.43 ng/ml



#6 beta-BHC

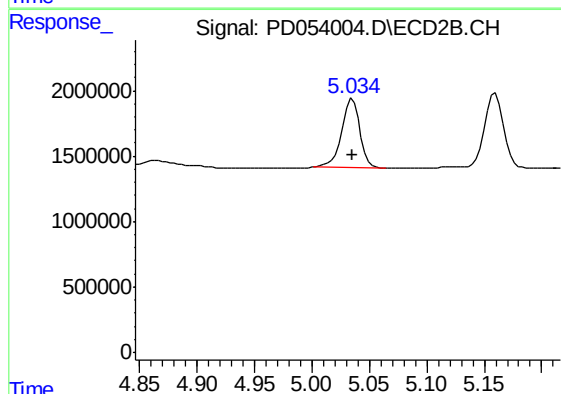
R.T.: 4.819 min
Delta R.T.: 0.000 min
Response: 2946231
Conc: 5.26 ng/ml



#7 delta-BHC

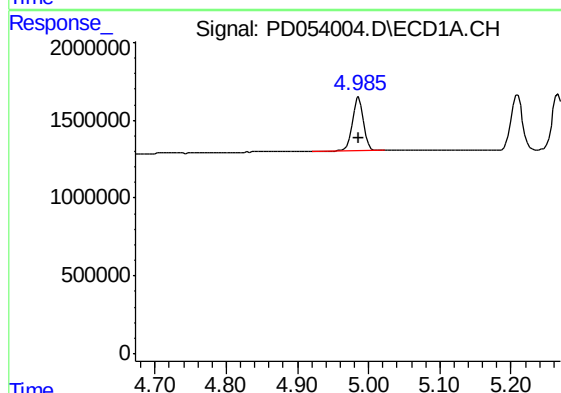
R.T.: 4.466 min
Delta R.T.: 0.000 min
Response: 3496146
Conc: 4.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2019



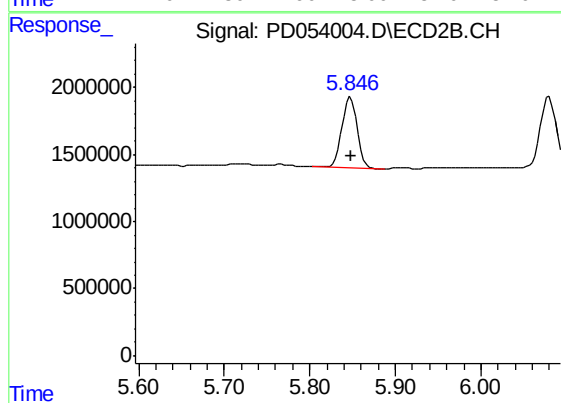
#7 delta-BHC

R.T.: 5.035 min
Delta R.T.: 0.000 min
Response: 5929787
Conc: 4.58 ng/ml



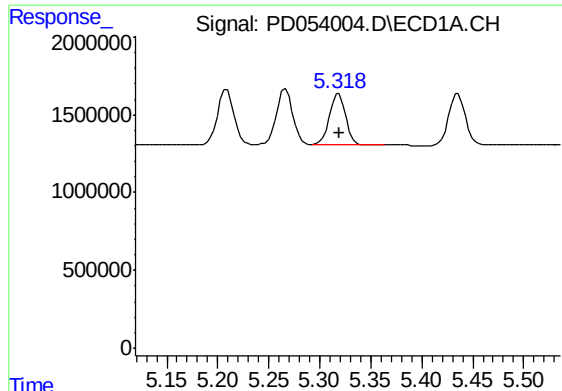
#8 Heptachlor epoxide

R.T.: 4.986 min
Delta R.T.: 0.000 min
Response: 3843992
Conc: 5.07 ng/ml



#8 Heptachlor epoxide

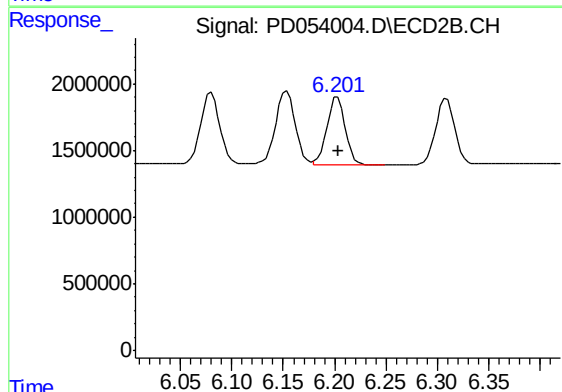
R.T.: 5.848 min
Delta R.T.: 0.000 min
Response: 6565294
Conc: 5.43 ng/ml



#9 Endosulfan I

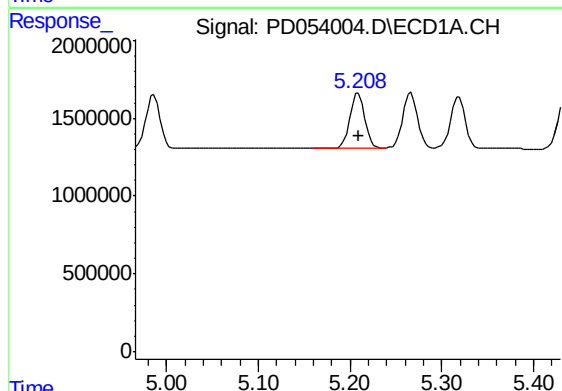
R.T.: 5.319 min
Delta R.T.: 0.000 min
Response: 3691703
Conc: 4.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2019



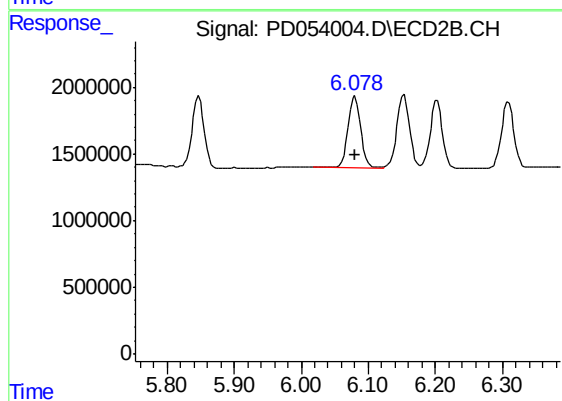
#9 Endosulfan I

R.T.: 6.203 min
Delta R.T.: 0.000 min
Response: 6322029
Conc: 5.44 ng/ml



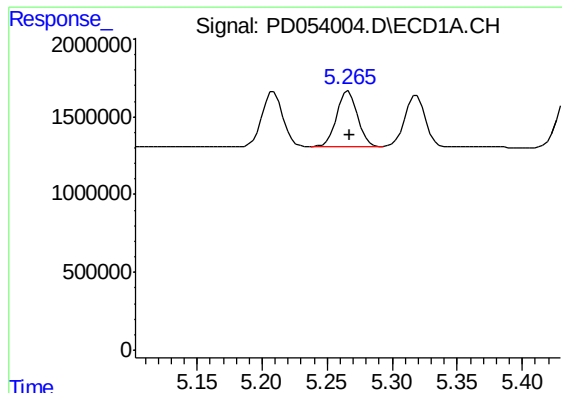
#10 gamma-Chlordane

R.T.: 5.209 min
Delta R.T.: 0.000 min
Response: 4017792
Conc: 4.94 ng/ml



#10 gamma-Chlordane

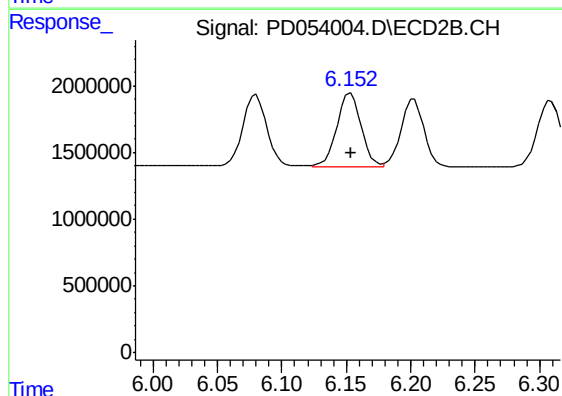
R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 7113017
Conc: 5.40 ng/ml



#11 alpha-Chlordane

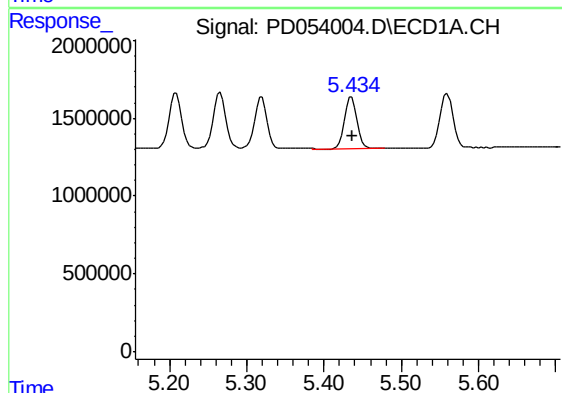
R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 4068425
Conc: 5.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2019



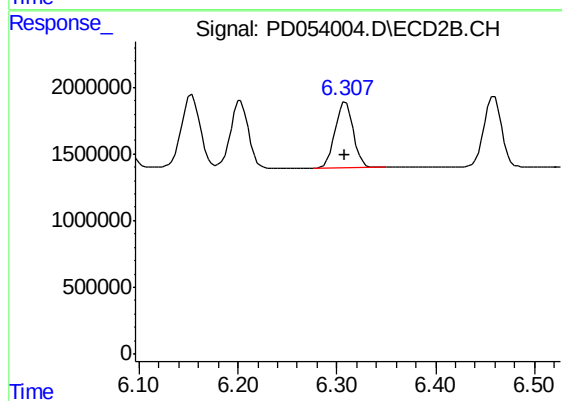
#11 alpha-Chlordane

R.T.: 6.153 min
Delta R.T.: 0.000 min
Response: 7225647
Conc: 5.56 ng/ml



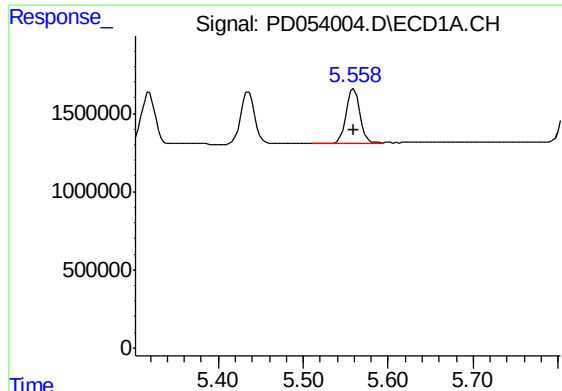
#12 4,4'-DDE

R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 3739260
Conc: 4.72 ng/ml



#12 4,4'-DDE

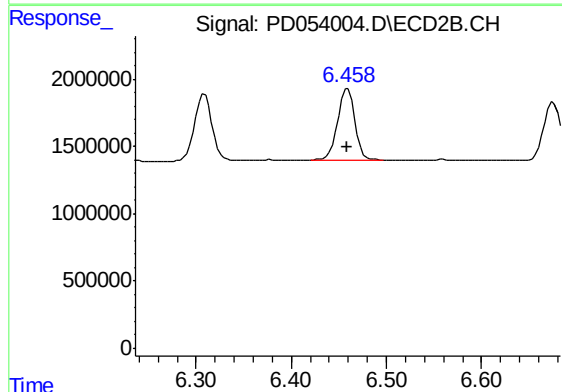
R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 6384475
Conc: 5.20 ng/ml



#13 Dielldrin

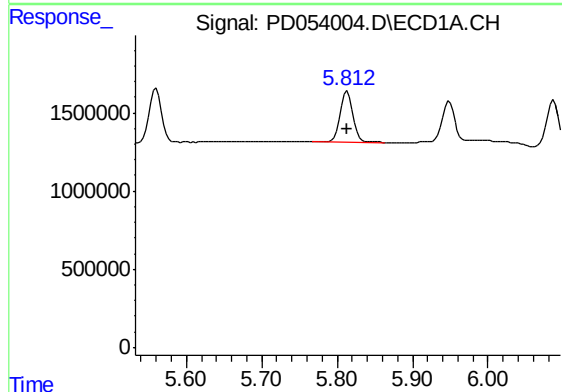
R.T.: 5.560 min
Delta R.T.: 0.000 min
Response: 3879677
Conc: 4.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2019



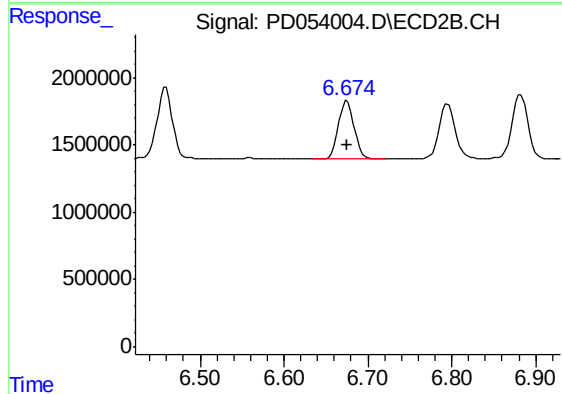
#13 Dielldrin

R.T.: 6.459 min
Delta R.T.: 0.000 min
Response: 6665711
Conc: 5.30 ng/ml



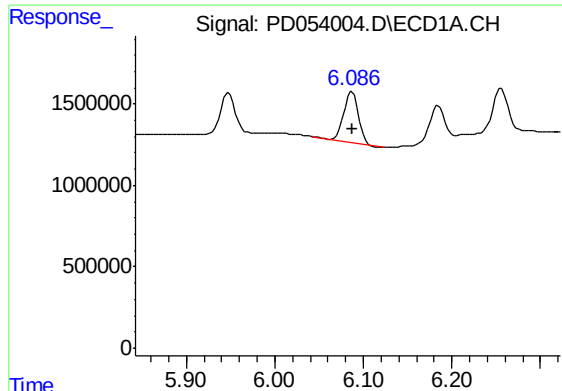
#14 Endrin

R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 3778630
Conc: 5.05 ng/ml



#14 Endrin

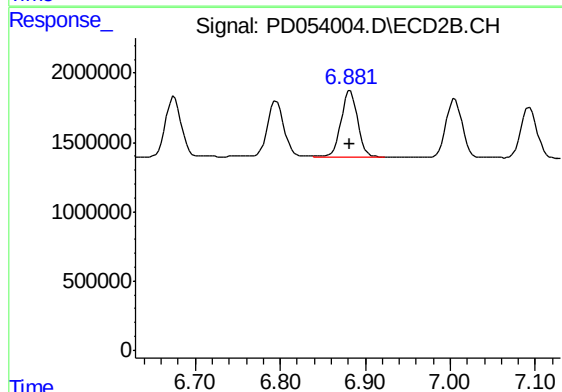
R.T.: 6.675 min
Delta R.T.: 0.000 min
Response: 5573766
Conc: 5.32 ng/ml



#15 Endosulfan II

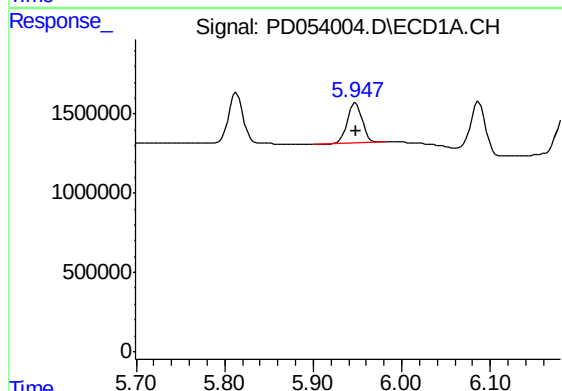
R.T.: 6.087 min
Delta R.T.: 0.000 min
Response: 3614481
Conc: 4.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2019



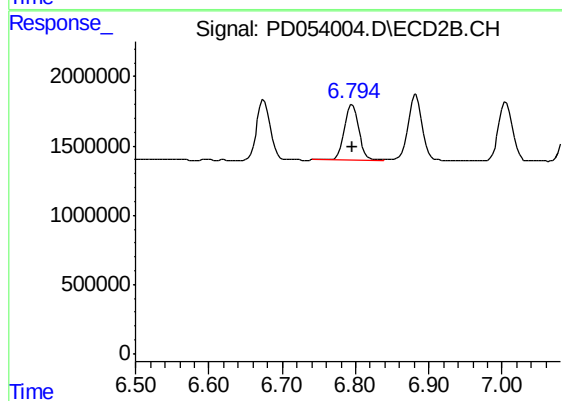
#15 Endosulfan II

R.T.: 6.883 min
Delta R.T.: 0.000 min
Response: 6397083
Conc: 5.53 ng/ml



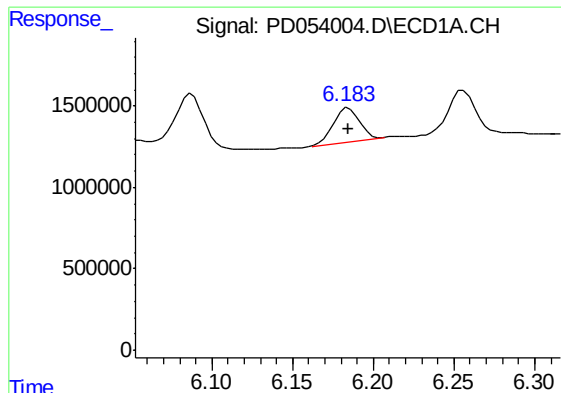
#16 4,4'-DDD

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 2911711
Conc: 4.87 ng/ml



#16 4,4'-DDD

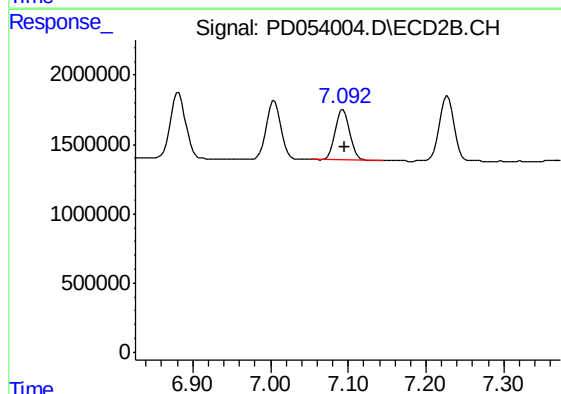
R.T.: 6.795 min
Delta R.T.: 0.000 min
Response: 5413062
Conc: 5.36 ng/ml



#17 4,4'-DDT

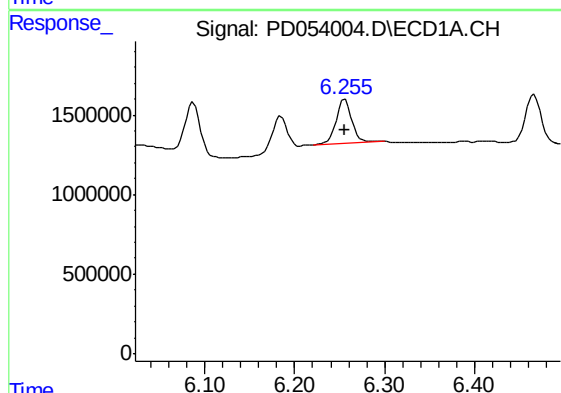
R.T.: 6.185 min
Delta R.T.: 0.000 min
Response: 2375439
Conc: 4.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2019



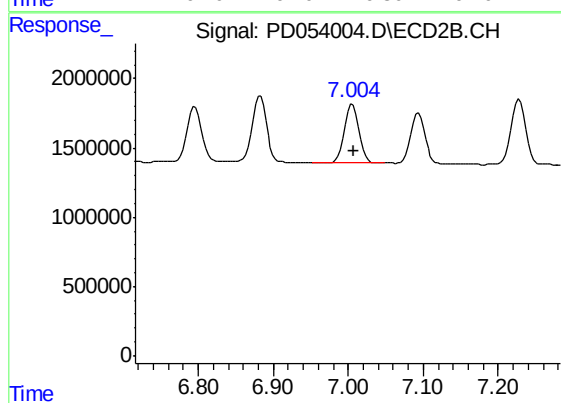
#17 4,4'-DDT

R.T.: 7.094 min
Delta R.T.: -0.001 min
Response: 4776055
Conc: 4.85 ng/ml



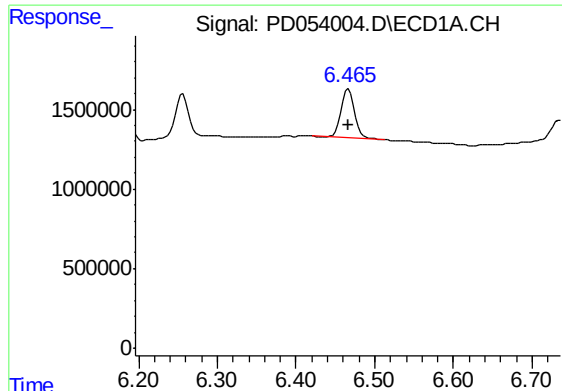
#18 Endrin aldehyde

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 3404732
Conc: 5.36 ng/ml



#18 Endrin aldehyde

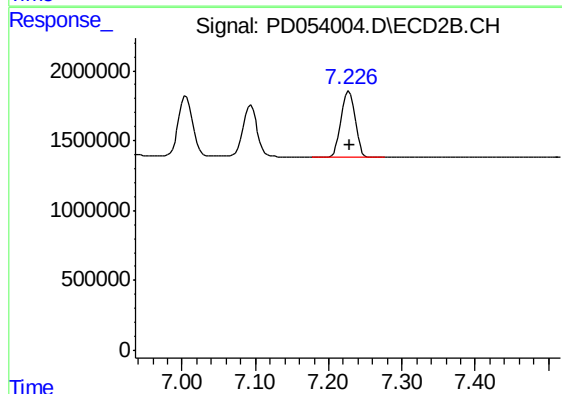
R.T.: 7.006 min
Delta R.T.: 0.000 min
Response: 5562100
Conc: 5.59 ng/ml



#19 Endosulfan Sulfate

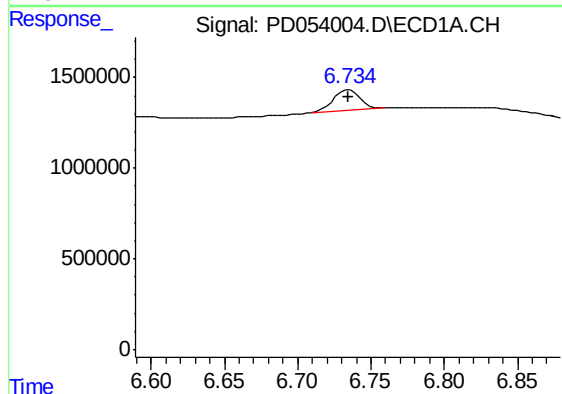
R.T.: 6.467 min
Delta R.T.: 0.000 min
Response: 3805122
Conc: 5.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2019



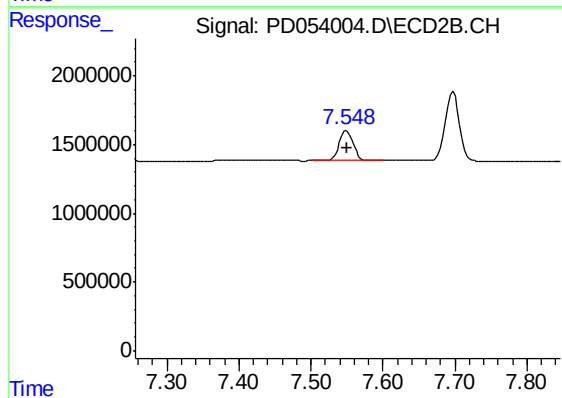
#19 Endosulfan Sulfate

R.T.: 7.228 min
Delta R.T.: 0.000 min
Response: 6264093
Conc: 5.76 ng/ml



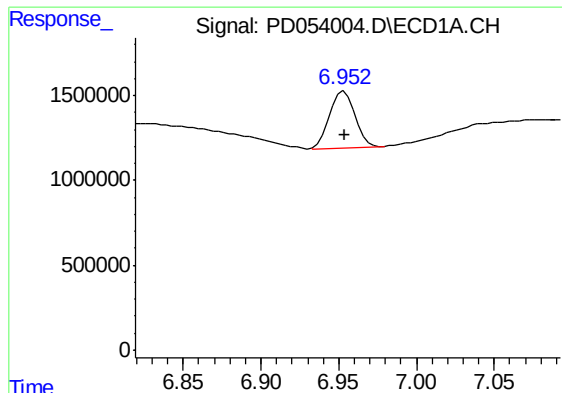
#20 Methoxychlor

R.T.: 6.735 min
Delta R.T.: 0.000 min
Response: 1458265
Conc: 5.10 ng/ml



#20 Methoxychlor

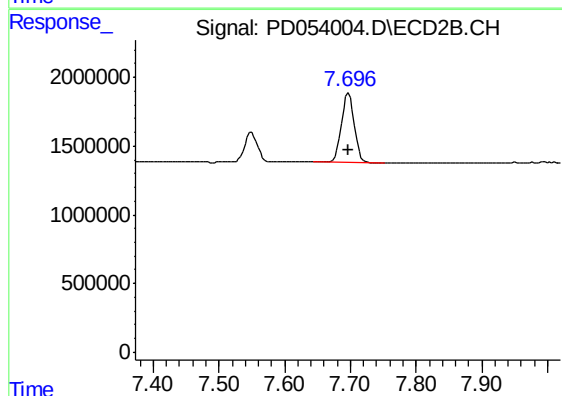
R.T.: 7.550 min
Delta R.T.: 0.000 min
Response: 2988772
Conc: 5.57 ng/ml



#21 Endrin ketone

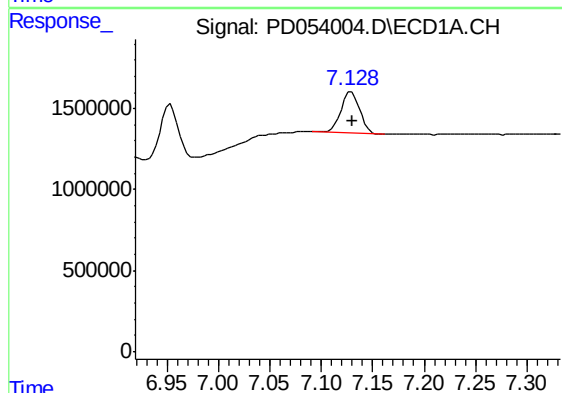
R.T.: 6.954 min
Delta R.T.: 0.000 min
Response: 3862340
Conc: 4.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2019



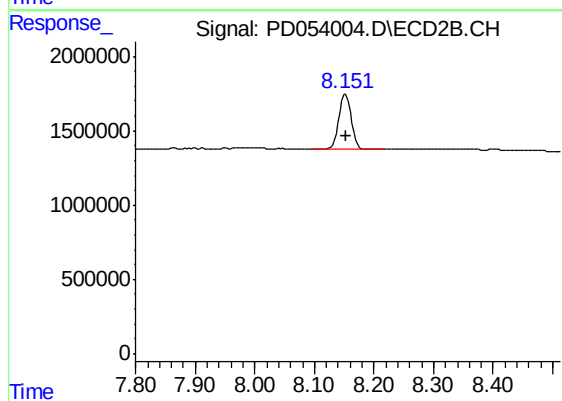
#21 Endrin ketone

R.T.: 7.698 min
Delta R.T.: 0.000 min
Response: 6831333
Conc: 5.62 ng/ml



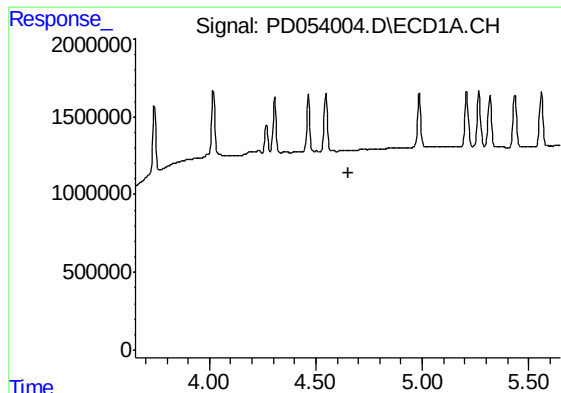
#22 Mirex

R.T.: 7.129 min
Delta R.T.: 0.000 min
Response: 3335370
Conc: 5.13 ng/ml



#22 Mirex

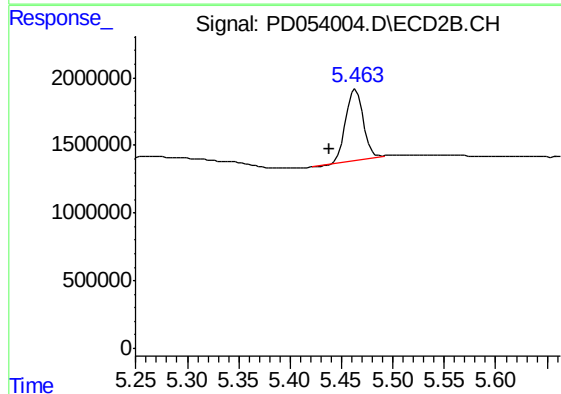
R.T.: 8.153 min
Delta R.T.: 0.000 min
Response: 5363916
Conc: 5.82 ng/ml



#24 Chlordane-2

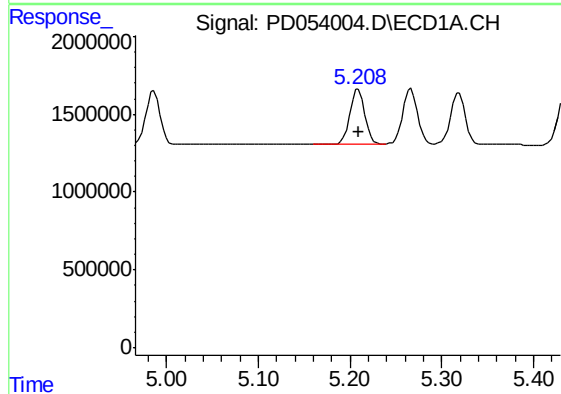
R.T.: 0.000 min
Exp R.T.: 4.652 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2019



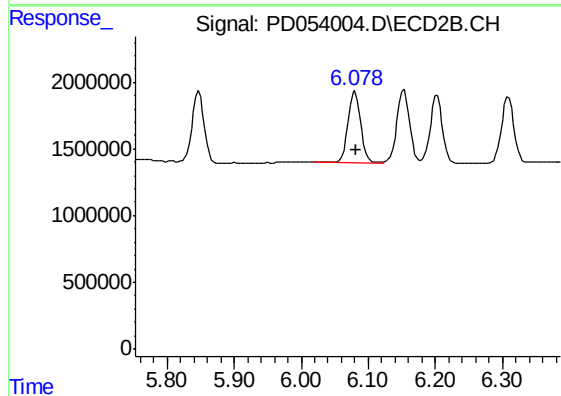
#24 Chlordane-2

R.T.: 5.464 min
Delta R.T.: 0.026 min
Response: 6191464
Conc: 146.08 ng/ml



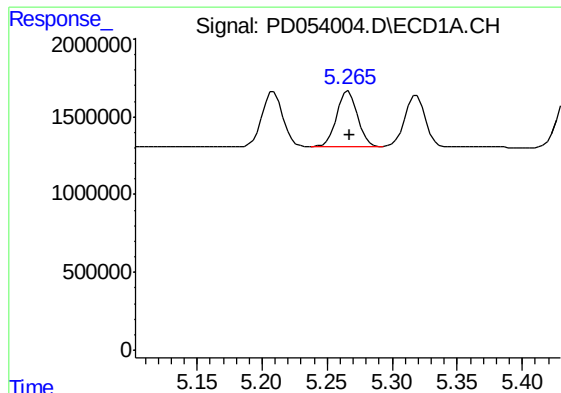
#25 Chlordane-3

R.T.: 5.209 min
Delta R.T.: -0.001 min
Response: 4017792
Conc: 50.52 ng/ml



#25 Chlordane-3

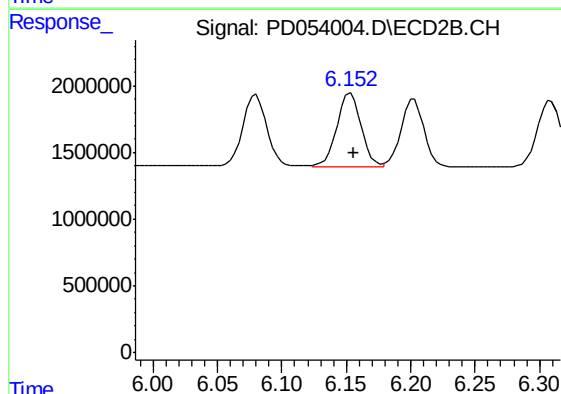
R.T.: 6.080 min
Delta R.T.: -0.001 min
Response: 7113017
Conc: 40.62 ng/ml



#26 Chlordane-4

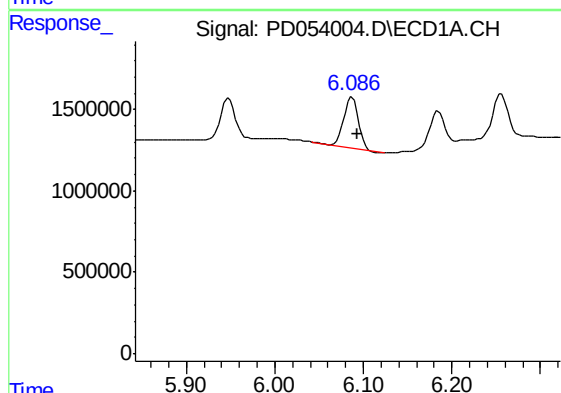
R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 4068425
Conc: 59.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2019



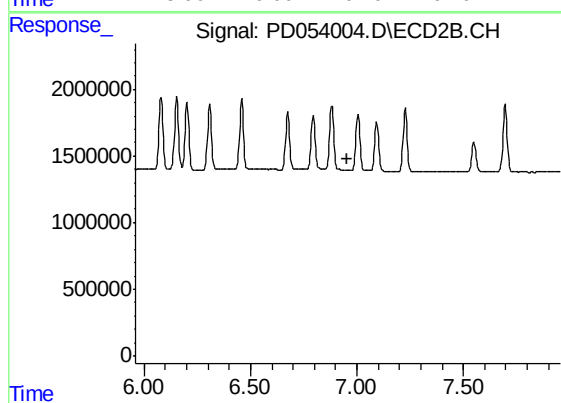
#26 Chlordane-4

R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 7225647
Conc: 34.14 ng/ml



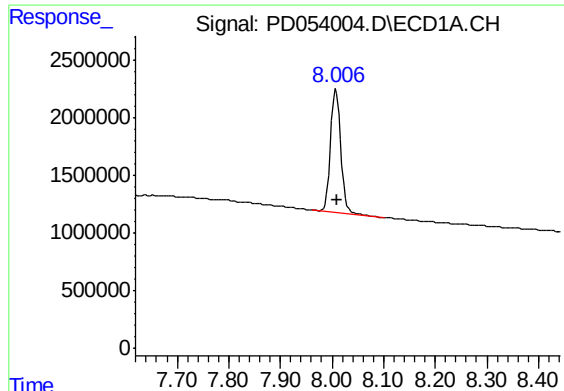
#27 Chlordane-5

R.T.: 6.087 min
Delta R.T.: -0.006 min
Response: 3614481
Conc: 135.32 ng/ml



#27 Chlordane-5

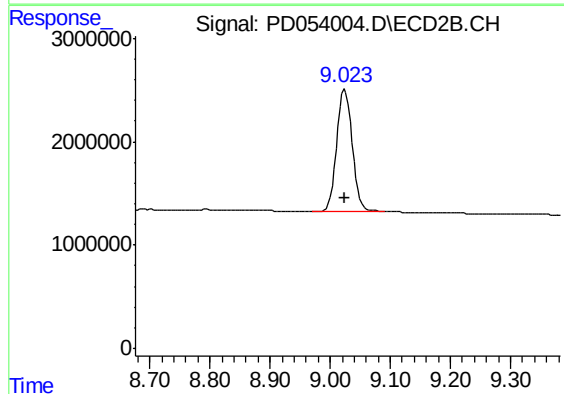
R.T.: 0.000 min
Exp R.T. : 6.956 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.008 min
Delta R.T.: 0.000 min
Response: 14879884
Conc: 22.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT3-2019



#28 Decachlorobiphenyl

R.T.: 9.024 min
Delta R.T.: 0.000 min
Response: 21440666
Conc: 23.13 ng/ml