

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110119\
 Data File : PD055740.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2019 09:04
 Operator : SG\AJ
 Sample : K5111-01
 Misc : PEST LOD 2.5 PPB
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2019

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 04:00:48 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110119.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 31 06:48:28 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.289	3.962	17525286	25269721	20.557	20.982
28)	SA Decachlor...	7.966	8.997	19337246	29017639	20.440	20.852
Target Compounds							
2)	A alpha-BHC	3.717	4.349	2744732	4224758	2.161	2.397
3)	MA gamma-BHC...	3.992	4.632	2742878	4097938	2.290	2.387
4)	MA Heptachlor	4.277	5.138	2422032	4392770	2.273	2.535
5)	MB Aldrin	4.517	5.442	2530568	5028434	2.313	3.004 #
6)	B beta-BHC	4.242	4.800	1258795	2054737	2.497	2.585
7)	B delta-BHC	4.437	5.015	2312662	2922698	2.008	1.824
8)	B Heptachlo...	4.954	5.825	2460059	4974136	2.391	3.080 #
9)	A Endosulfan I	5.285	6.181	2280627	4473307	2.339	2.848
10)	B gamma-Chl...	5.176	6.059	2729379	8322790	2.558	4.828 #
11)	B alpha-Chl...	5.233	6.131	2569200	5509098	2.434	3.207 #
12)	B 4,4'-DDE	5.401	6.288	2178137	3841572	2.213	2.402
13)	MA Dieldrin	5.525	6.436	2451388	4383559	2.311	2.594
14)	MA Endrin	5.777	6.653	2271446	3553833	2.369	2.464
15)	B Endosulfa...	6.051	6.861	2222766	4100231	2.293	2.640
16)	A 4,4'-DDD	5.912	6.775	1782972	3671669	2.218	2.687
17)	MA 4,4'-DDT	6.149	7.074	1347257	2758354	1.883	2.067
18)	B Endrin al...	6.220	6.985	4777461	3543523	5.717	2.643 #
19)	B Endosulfa...	6.430	7.207	11367409	3889872	12.690	2.674 #
20)	A Methoxychlor	6.697	7.530	1243697	1990927	3.174	2.489
21)	B Endrin ke...	6.914	7.676	2146220	4392665	2.051	2.648 #
22)	Mirex	7.090	8.130	2516761	3518093	3.052	2.908
24)	Chlordane-2	0.000	5.442f	0	5028434	N.D.	95.725 #
25)	Chlordane-3	5.176	6.059	2729379	8322790	28.382	38.007 #
26)	Chlordane-4	5.233	6.131	2569200	5509098	30.550	20.943 #
27)	Chlordane-5	6.051	0.000	2222766	0	73.205	N.D. #

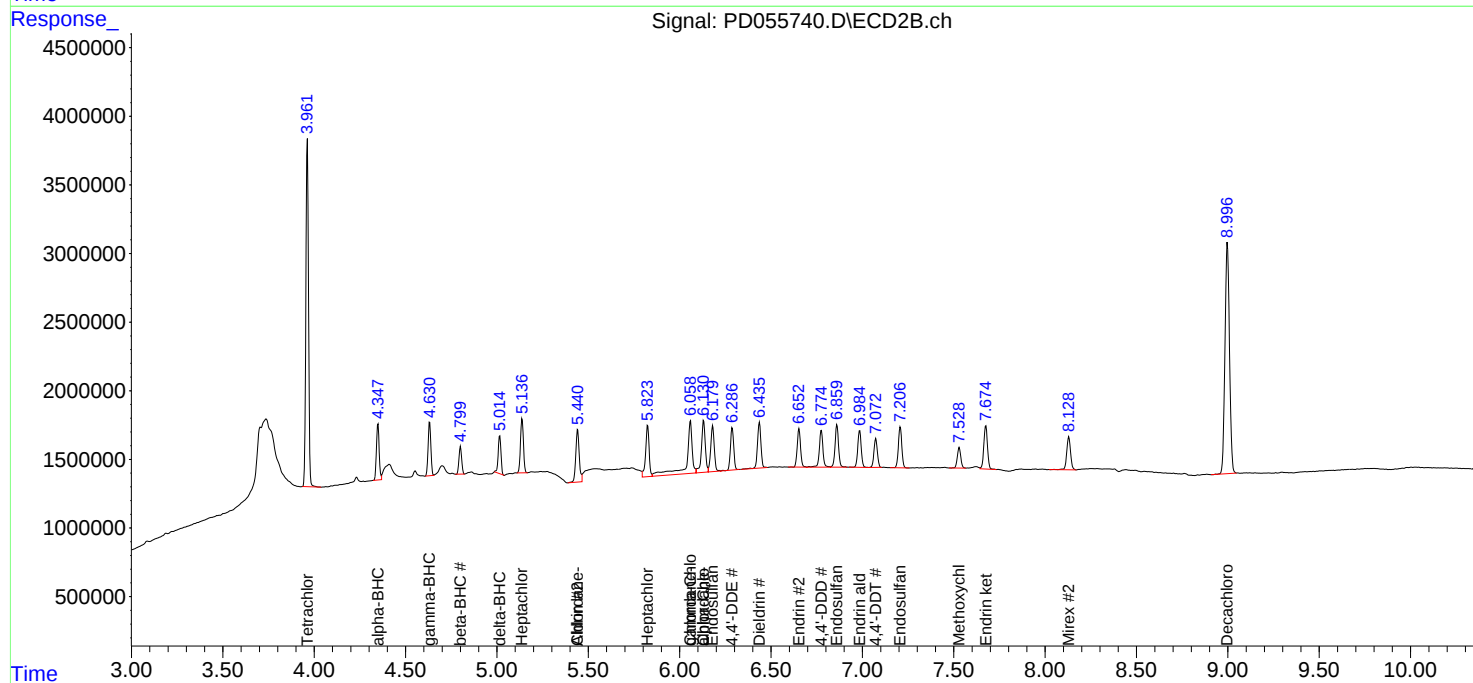
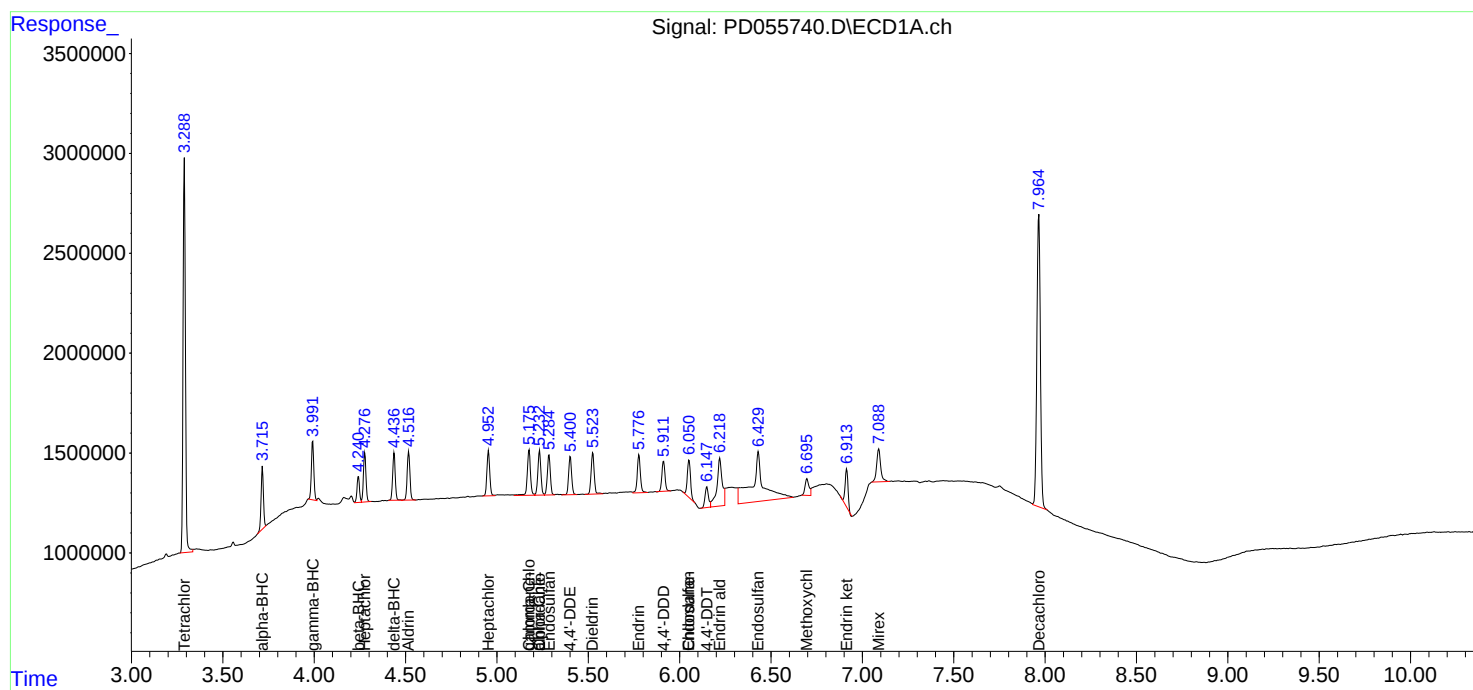
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

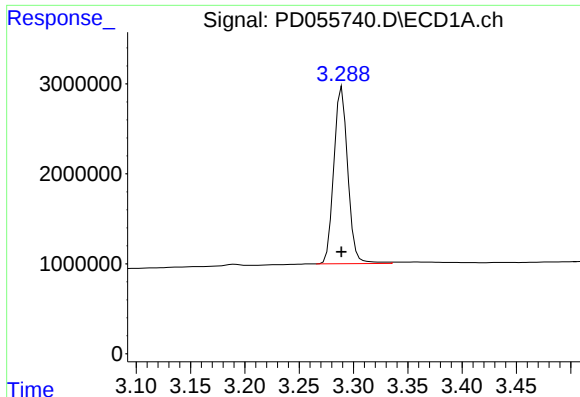
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD110119\
Data File : PD055740.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2019 09:04
Operator : SG\AJ
Sample : K5111-01
Misc : PEST LOD 2.5 PPB
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 01 04:00:48 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD110119.M
Quant Title : GC Extractables
QLast Update : Thu Oct 31 06:48:28 2019
Response via : Initial Calibration
Integrator: ChemStation

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

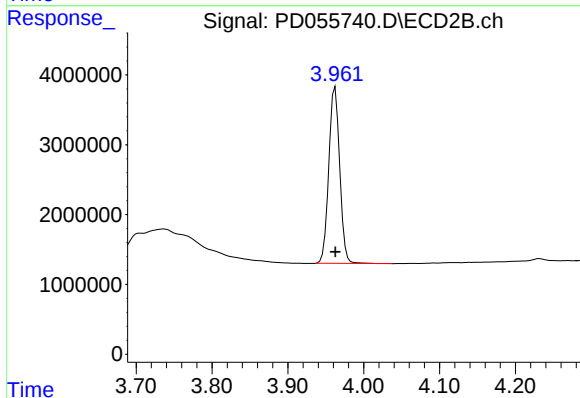




#1 Tetrachloro-m-xylene

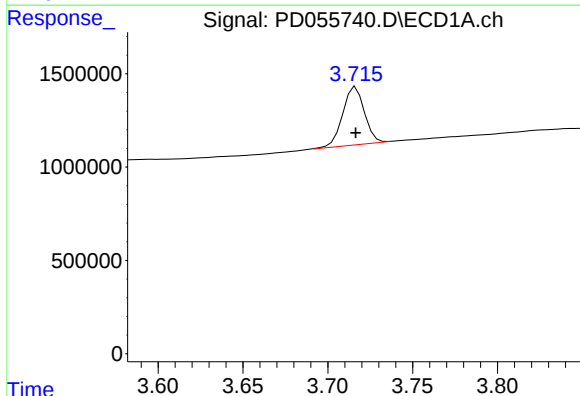
R.T.: 3.289 min
Delta R.T.: 0.000 min
Response: 17525286
Conc: 20.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



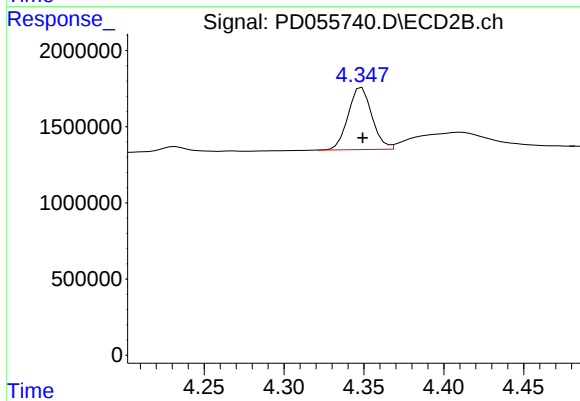
#1 Tetrachloro-m-xylene

R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 25269721
Conc: 20.98 ng/ml



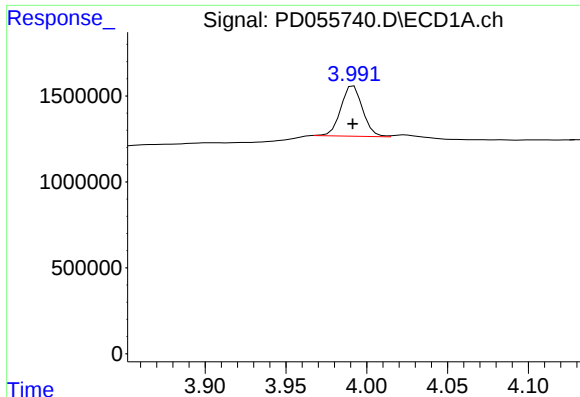
#2 alpha-BHC

R.T.: 3.717 min
Delta R.T.: 0.000 min
Response: 2744732
Conc: 2.16 ng/ml



#2 alpha-BHC

R.T.: 4.349 min
Delta R.T.: 0.000 min
Response: 4224758
Conc: 2.40 ng/ml



#3 gamma-BHC (Lindane)

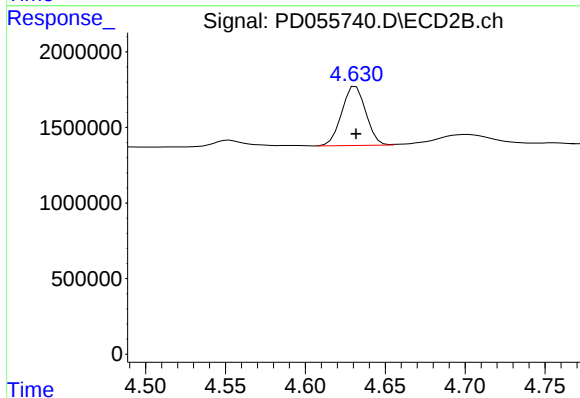
R.T.: 3.992 min

Delta R.T.: 0.000 min

Response: 2742878

Conc: 2.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



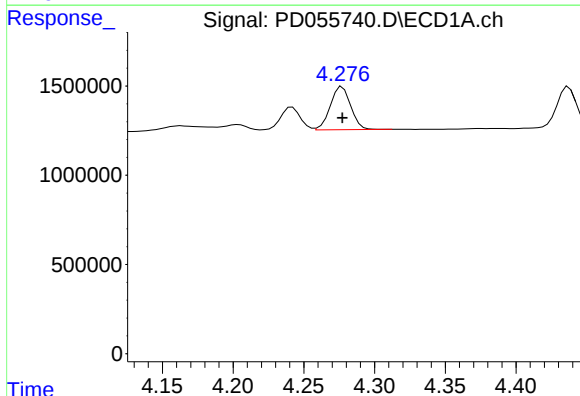
#3 gamma-BHC (Lindane)

R.T.: 4.632 min

Delta R.T.: 0.000 min

Response: 4097938

Conc: 2.39 ng/ml



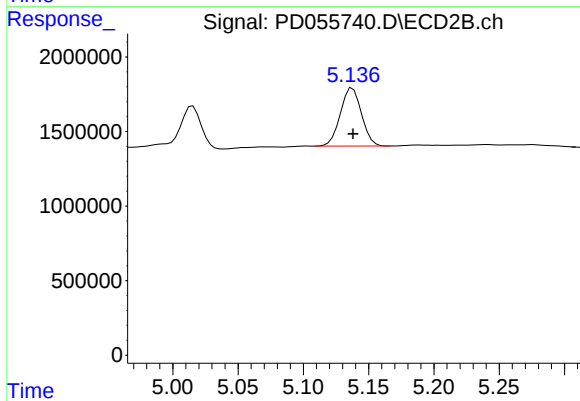
#4 Heptachlor

R.T.: 4.277 min

Delta R.T.: 0.000 min

Response: 2422032

Conc: 2.27 ng/ml



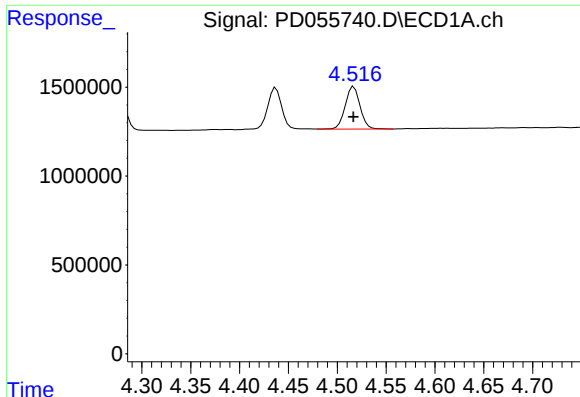
#4 Heptachlor

R.T.: 5.138 min

Delta R.T.: 0.000 min

Response: 4392770

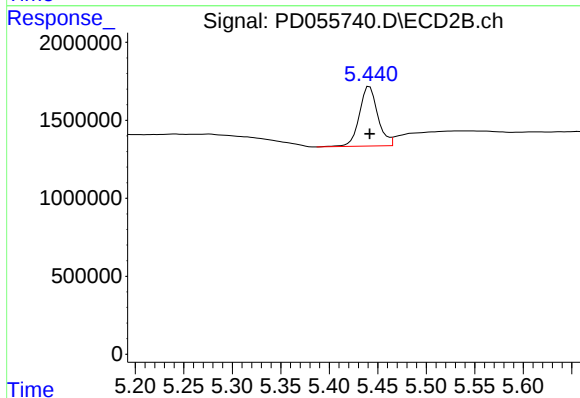
Conc: 2.54 ng/ml



#5 Aldrin

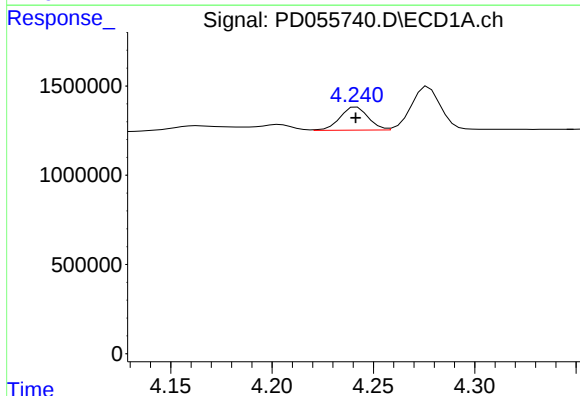
R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 2530568
Conc: 2.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



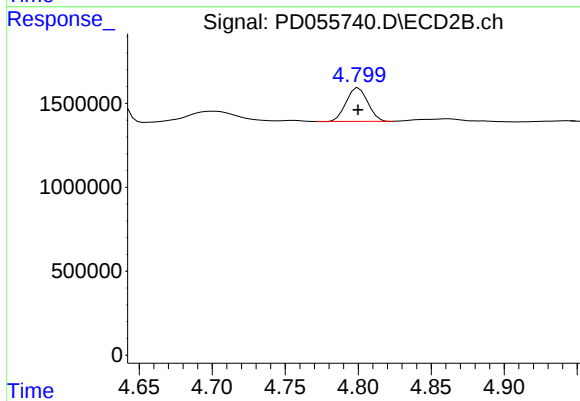
#5 Aldrin

R.T.: 5.442 min
Delta R.T.: 0.000 min
Response: 5028434
Conc: 3.00 ng/ml



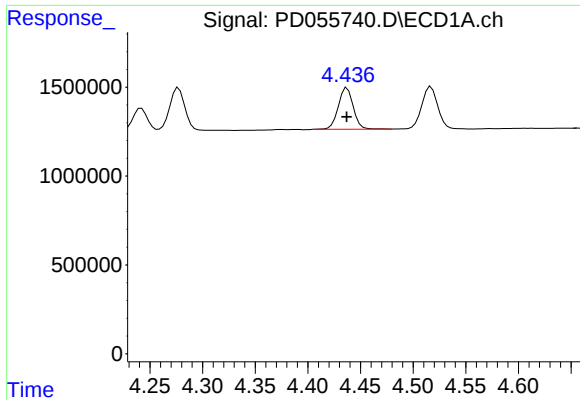
#6 beta-BHC

R.T.: 4.242 min
Delta R.T.: 0.000 min
Response: 1258795
Conc: 2.50 ng/ml



#6 beta-BHC

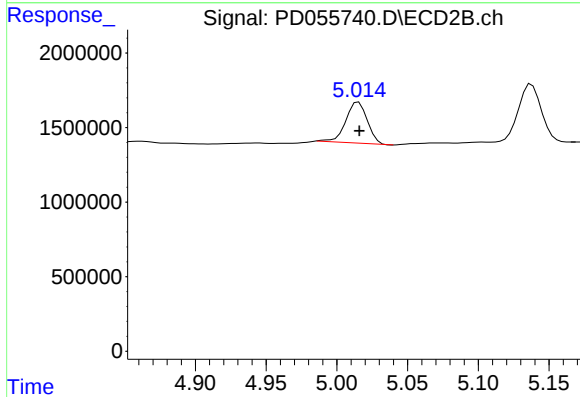
R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 2054737
Conc: 2.59 ng/ml



#7 delta-BHC

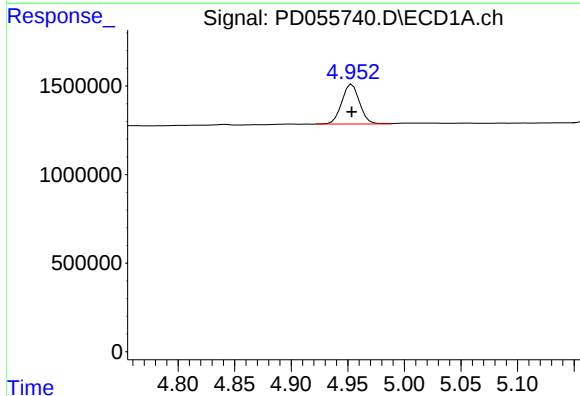
R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 2312662
Conc: 2.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



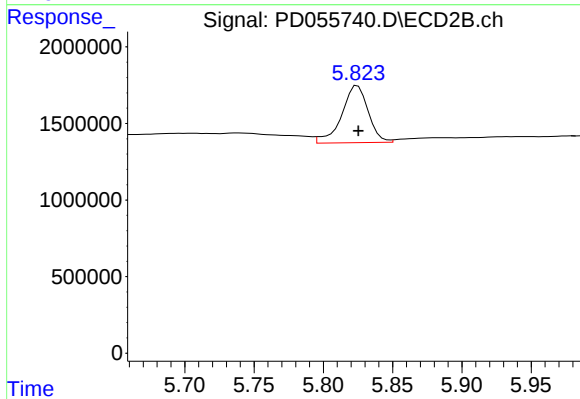
#7 delta-BHC

R.T.: 5.015 min
Delta R.T.: 0.000 min
Response: 2922698
Conc: 1.82 ng/ml



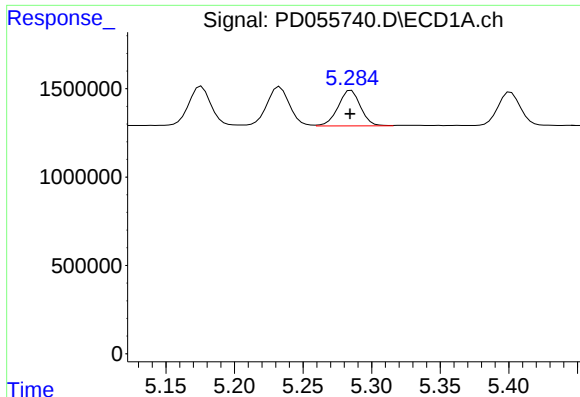
#8 Heptachlor epoxide

R.T.: 4.954 min
Delta R.T.: 0.000 min
Response: 2460059
Conc: 2.39 ng/ml



#8 Heptachlor epoxide

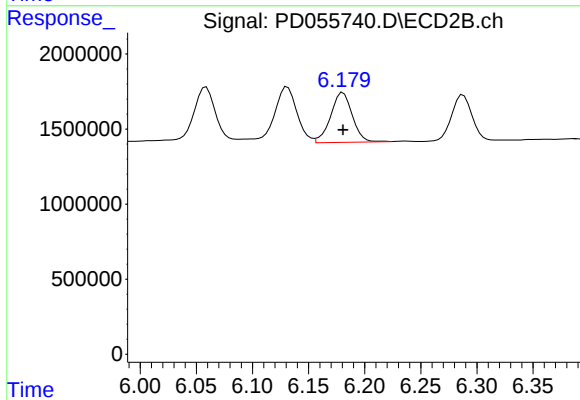
R.T.: 5.825 min
Delta R.T.: 0.000 min
Response: 4974136
Conc: 3.08 ng/ml



#9 Endosulfan I

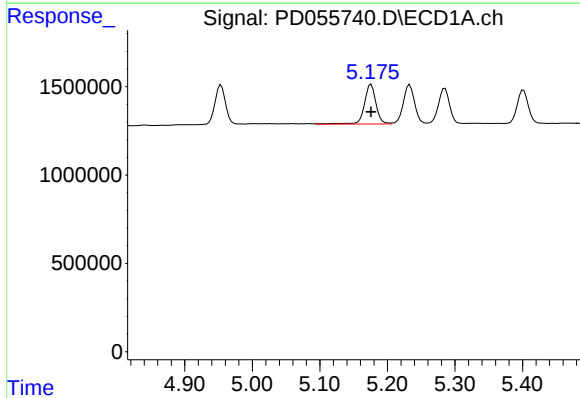
R.T.: 5.285 min
Delta R.T.: 0.001 min
Response: 2280627
Conc: 2.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



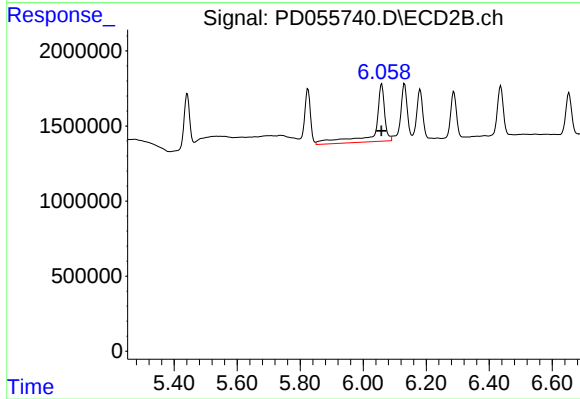
#9 Endosulfan I

R.T.: 6.181 min
Delta R.T.: 0.000 min
Response: 4473307
Conc: 2.85 ng/ml



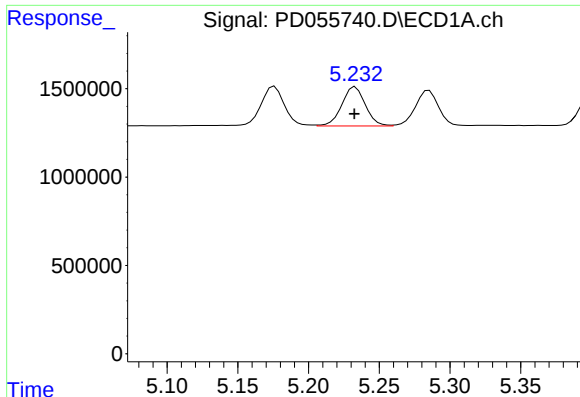
#10 gamma-Chlordane

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 2729379
Conc: 2.56 ng/ml



#10 gamma-Chlordane

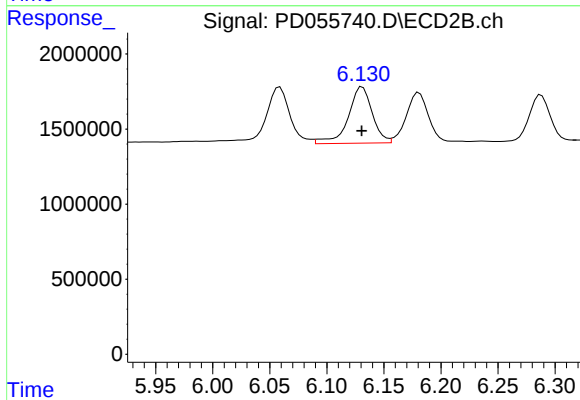
R.T.: 6.059 min
Delta R.T.: 0.000 min
Response: 8322790
Conc: 4.83 ng/ml



#11 alpha-Chlordane

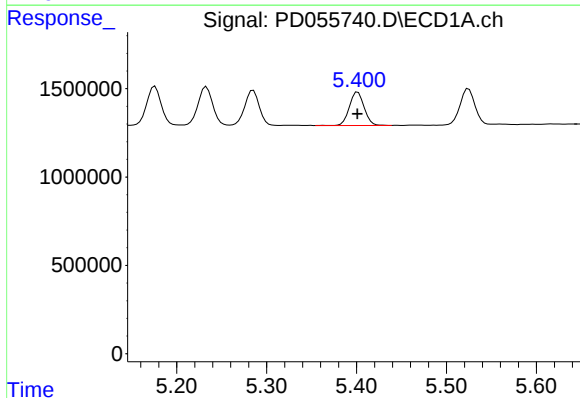
R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 2569200
Conc: 2.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



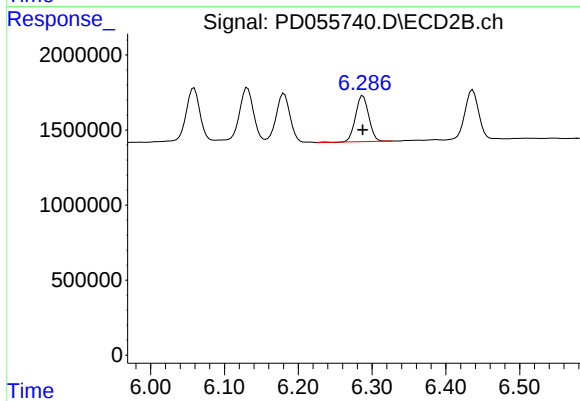
#11 alpha-Chlordane

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 5509098
Conc: 3.21 ng/ml



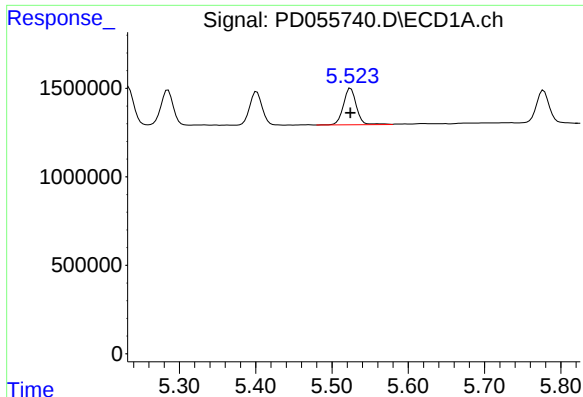
#12 4,4'-DDE

R.T.: 5.401 min
Delta R.T.: 0.000 min
Response: 2178137
Conc: 2.21 ng/ml



#12 4,4'-DDE

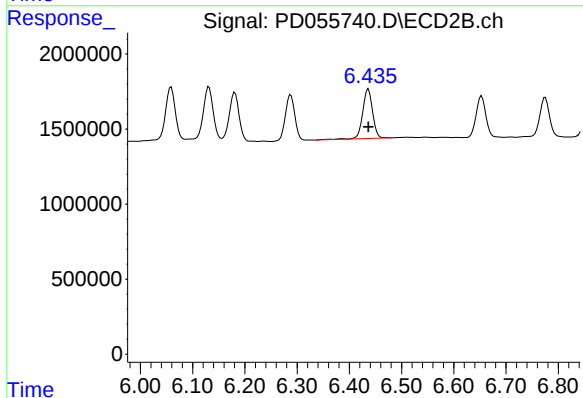
R.T.: 6.288 min
Delta R.T.: 0.000 min
Response: 3841572
Conc: 2.40 ng/ml



#13 Dieldrin

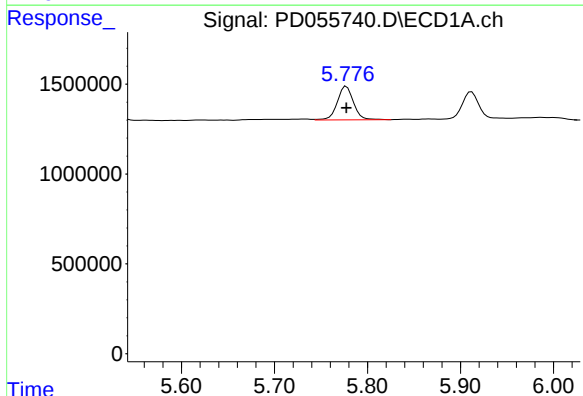
R.T.: 5.525 min
Delta R.T.: 0.000 min
Response: 2451388
Conc: 2.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



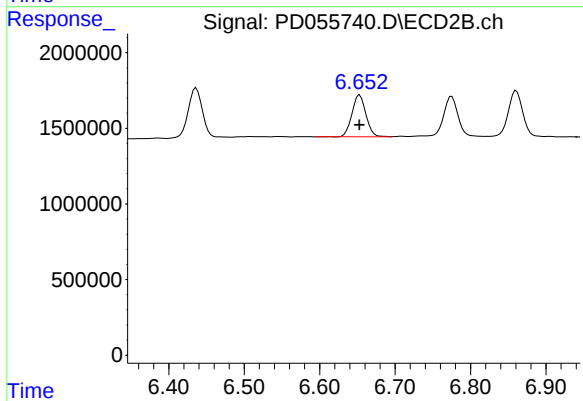
#13 Dieldrin

R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 4383559
Conc: 2.59 ng/ml



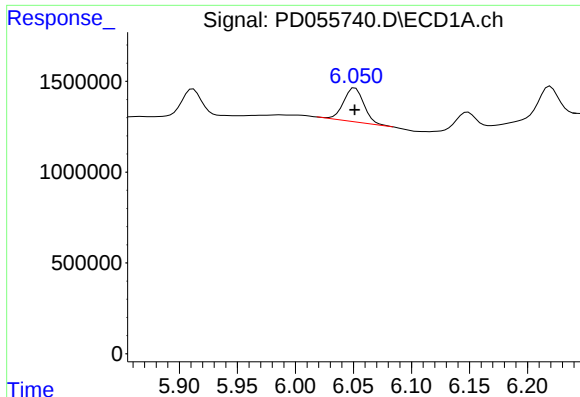
#14 Endrin

R.T.: 5.777 min
Delta R.T.: 0.000 min
Response: 2271446
Conc: 2.37 ng/ml



#14 Endrin

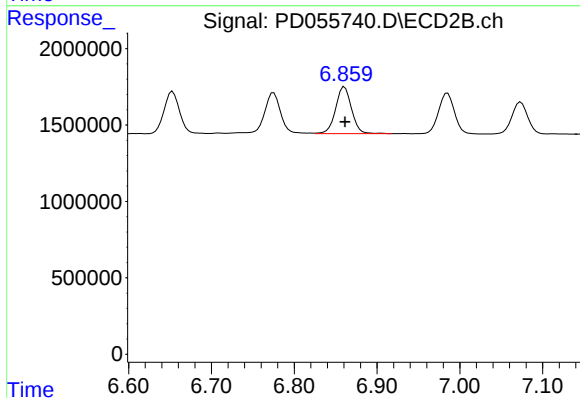
R.T.: 6.653 min
Delta R.T.: 0.000 min
Response: 3553833
Conc: 2.46 ng/ml



#15 Endosulfan II

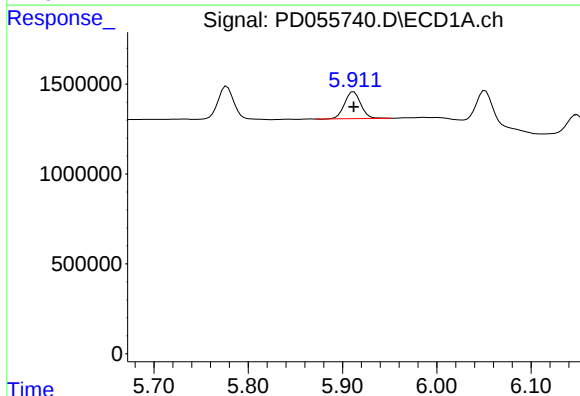
R.T.: 6.051 min
Delta R.T.: 0.000 min
Response: 2222766
Conc: 2.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



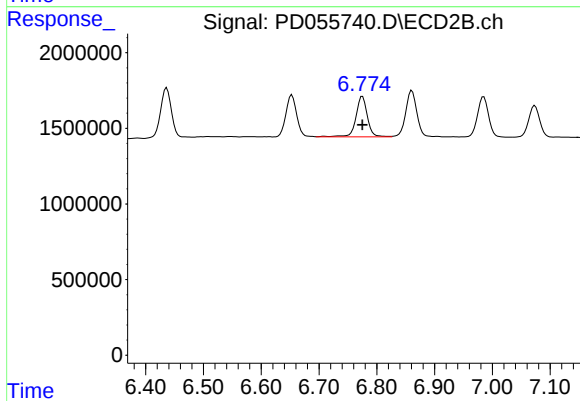
#15 Endosulfan II

R.T.: 6.861 min
Delta R.T.: 0.000 min
Response: 4100231
Conc: 2.64 ng/ml



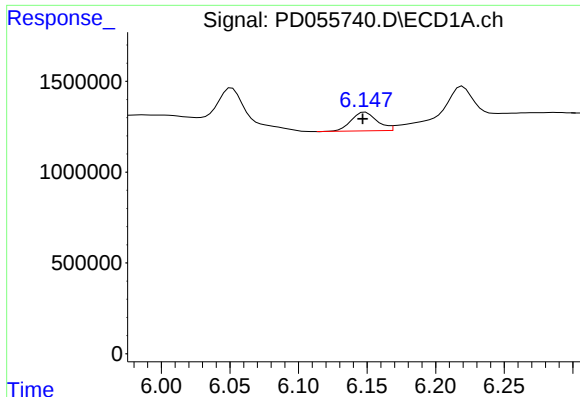
#16 4,4'-DDD

R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 1782972
Conc: 2.22 ng/ml



#16 4,4'-DDD

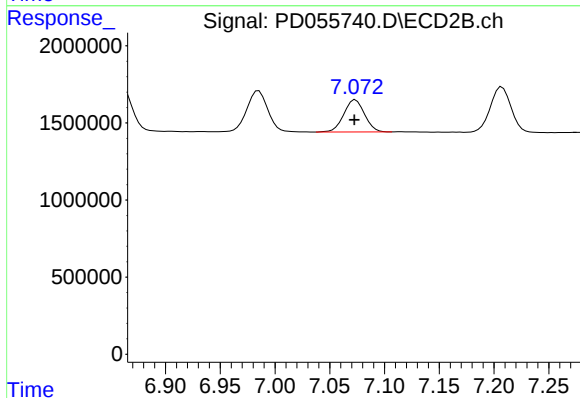
R.T.: 6.775 min
Delta R.T.: 0.000 min
Response: 3671669
Conc: 2.69 ng/ml



#17 4,4'-DDT

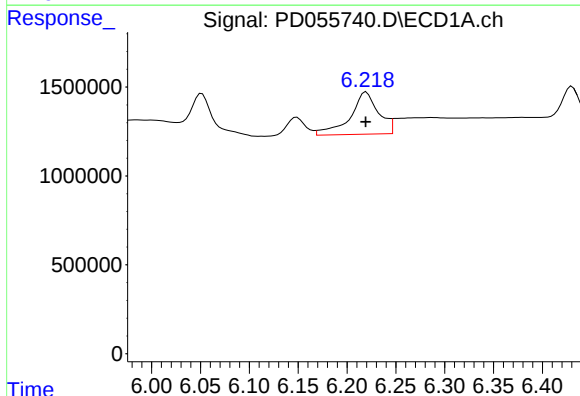
R.T.: 6.149 min
Delta R.T.: 0.002 min
Response: 1347257
Conc: 1.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



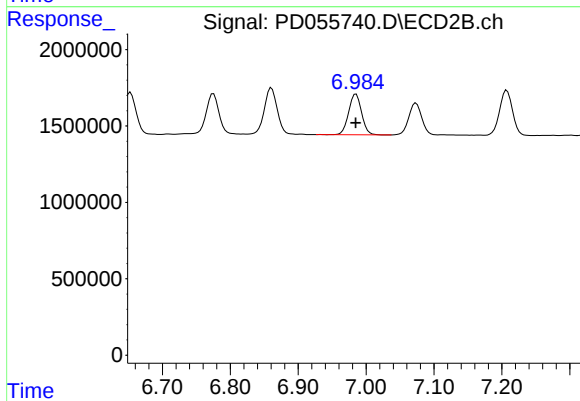
#17 4,4'-DDT

R.T.: 7.074 min
Delta R.T.: 0.000 min
Response: 2758354
Conc: 2.07 ng/ml



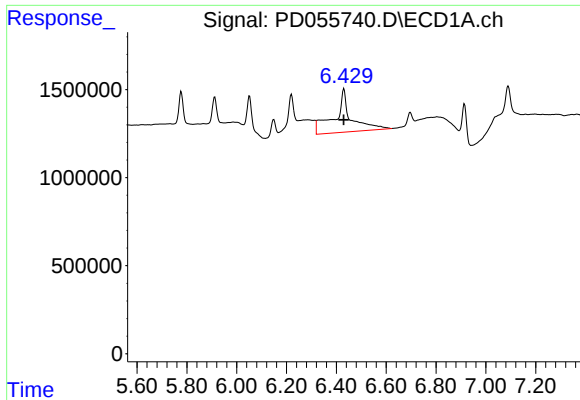
#18 Endrin aldehyde

R.T.: 6.220 min
Delta R.T.: 0.000 min
Response: 4777461
Conc: 5.72 ng/ml



#18 Endrin aldehyde

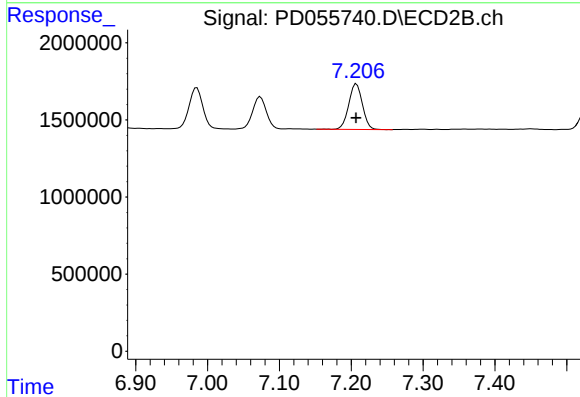
R.T.: 6.985 min
Delta R.T.: 0.000 min
Response: 3543523
Conc: 2.64 ng/ml



#19 Endosulfan Sulfate

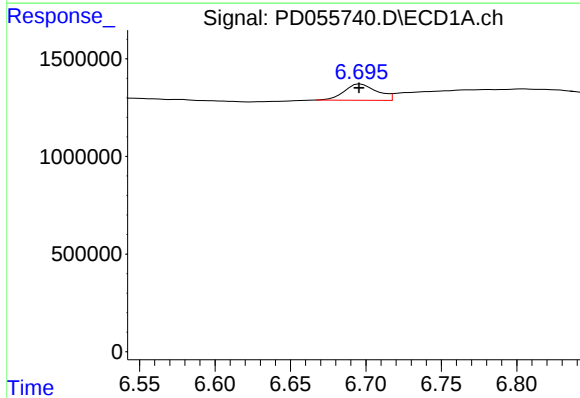
R.T.: 6.430 min
Delta R.T.: 0.000 min
Response: 11367409
Conc: 12.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



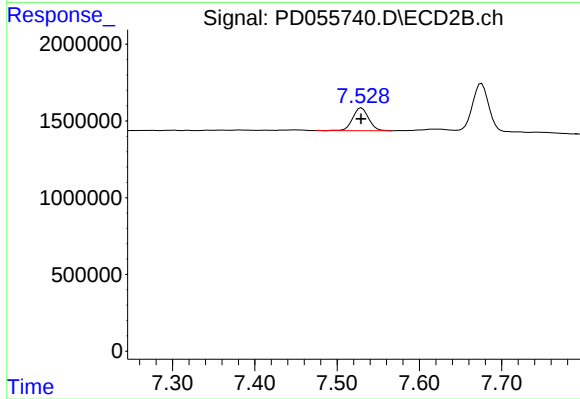
#19 Endosulfan Sulfate

R.T.: 7.207 min
Delta R.T.: 0.000 min
Response: 3889872
Conc: 2.67 ng/ml



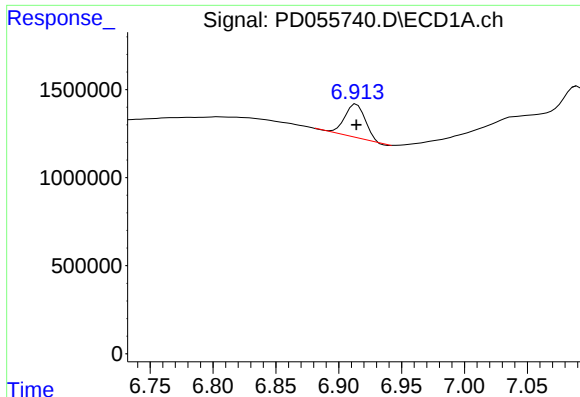
#20 Methoxychlor

R.T.: 6.697 min
Delta R.T.: 0.001 min
Response: 1243697
Conc: 3.17 ng/ml



#20 Methoxychlor

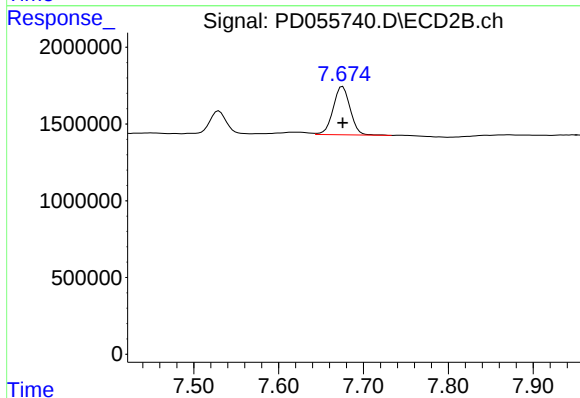
R.T.: 7.530 min
Delta R.T.: 0.000 min
Response: 1990927
Conc: 2.49 ng/ml



#21 Endrin ketone

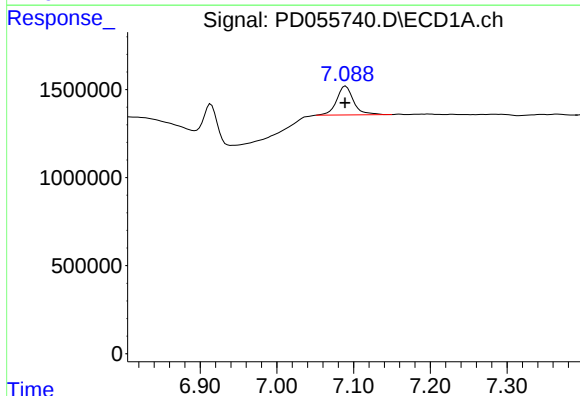
R.T.: 6.914 min
Delta R.T.: 0.000 min
Response: 2146220
Conc: 2.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



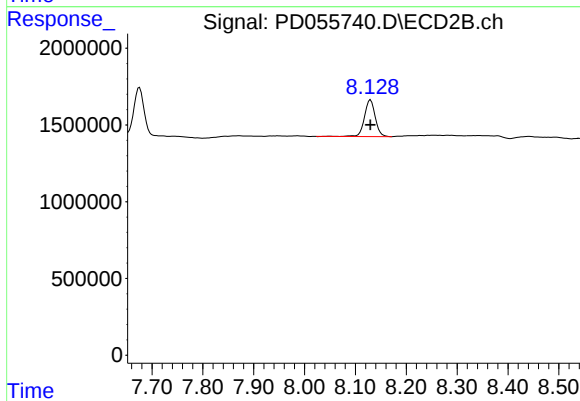
#21 Endrin ketone

R.T.: 7.676 min
Delta R.T.: 0.000 min
Response: 4392665
Conc: 2.65 ng/ml



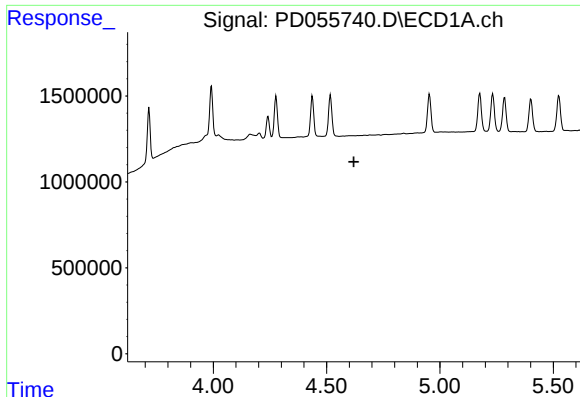
#22 Mirex

R.T.: 7.090 min
Delta R.T.: 0.000 min
Response: 2516761
Conc: 3.05 ng/ml



#22 Mirex

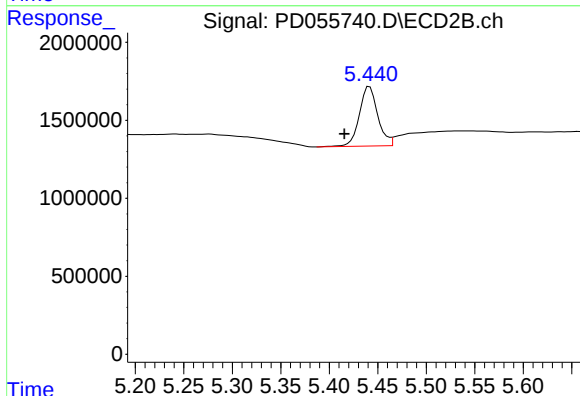
R.T.: 8.130 min
Delta R.T.: 0.000 min
Response: 3518093
Conc: 2.91 ng/ml



#24 Chlordane-2

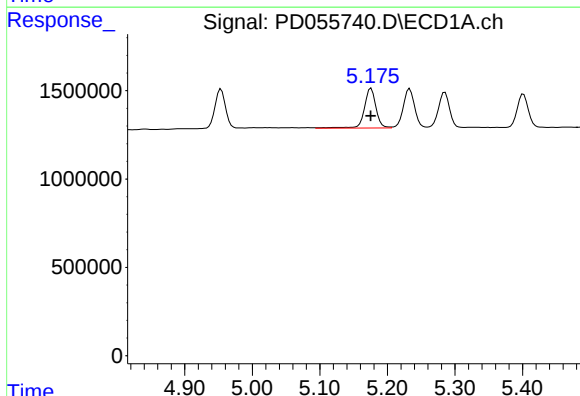
R.T.: 0.000 min
Exp R.T.: 4.621 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



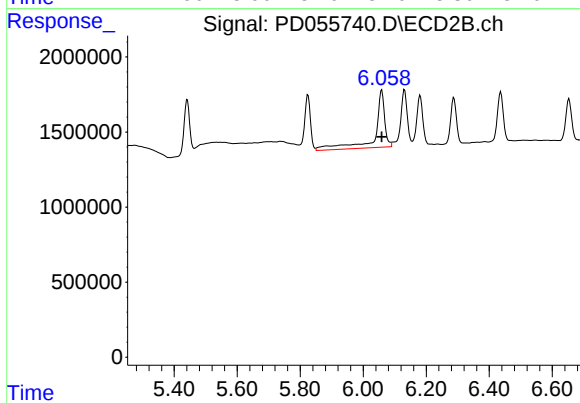
#24 Chlordane-2

R.T.: 5.442 min
Delta R.T.: 0.026 min
Response: 5028434
Conc: 95.73 ng/ml



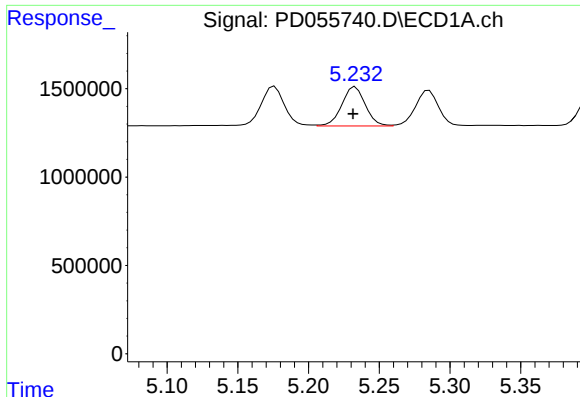
#25 Chlordane-3

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 2729379
Conc: 28.38 ng/ml



#25 Chlordane-3

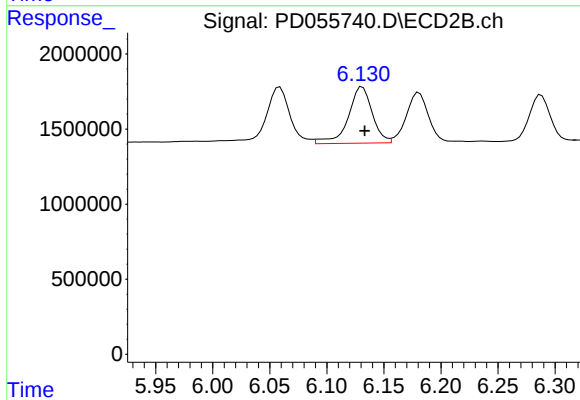
R.T.: 6.059 min
Delta R.T.: 0.000 min
Response: 8322790
Conc: 38.01 ng/ml



#26 Chlordane-4

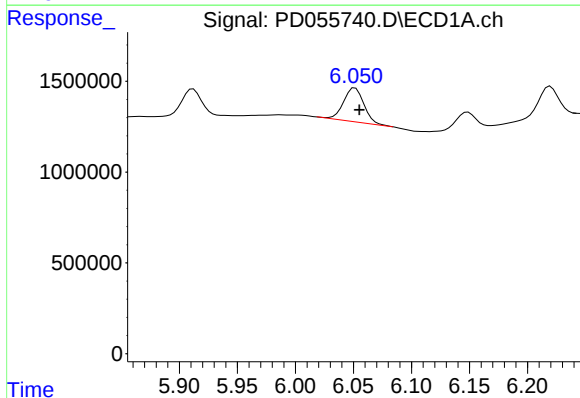
R.T.: 5.233 min
Delta R.T.: 0.002 min
Response: 2569200
Conc: 30.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



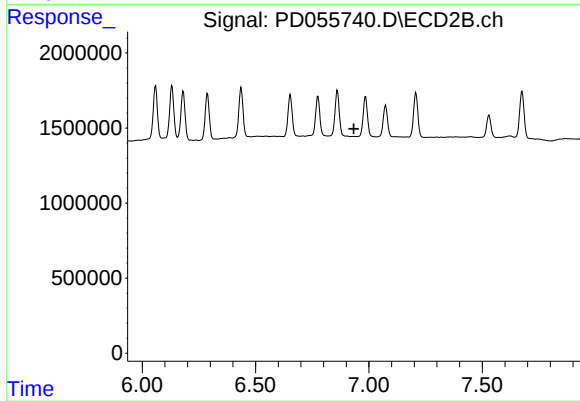
#26 Chlordane-4

R.T.: 6.131 min
Delta R.T.: -0.002 min
Response: 5509098
Conc: 20.94 ng/ml



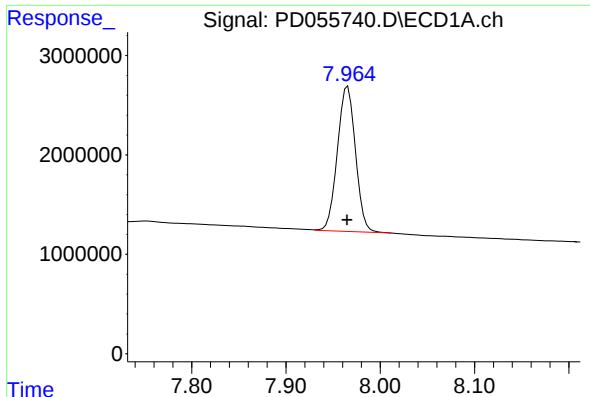
#27 Chlordane-5

R.T.: 6.051 min
Delta R.T.: -0.004 min
Response: 2222766
Conc: 73.20 ng/ml



#27 Chlordane-5

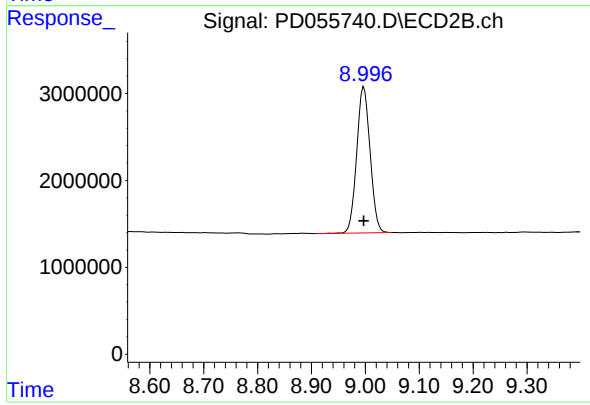
R.T.: 0.000 min
Exp R.T.: 6.933 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.966 min
Delta R.T.: 0.000 min
Response: 19337246
Conc: 20.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2019



#28 Decachlorobiphenyl

R.T.: 8.997 min
Delta R.T.: 0.000 min
Response: 29017639
Conc: 20.85 ng/ml