

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112122\
 Data File : PD073163.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2022 13:54
 Operator : AR\AJ
 Sample : N4955-01
 Misc : PEST LOD 2.5PPB
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 23:49:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD111622.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 17 03:26:54 2022
 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...	2.704	3.456	37593453	1171.7E6	17.715	21.150
2)	SA Decachlor...	7.833	8.911	42891807	285.3E6	20.824	22.319
Target Compounds							
2)	A alpha-BHC	3.208	3.919	6723529	198.4E6	1.950	2.701 #
3)	MA gamma-BHC...	3.538	4.253	6501138	167.0E6	2.344	2.949 #
4)	MA Heptachlor	3.870	4.820	6881483	128.7E6	2.337	3.431 #
5)	MB Aldrin	4.149	5.159	6981952	109.8E6	2.346	3.402 #
6)	B beta-BHC	3.839	4.469	3507918	60716559	2.739m	2.899
7)	B delta-BHC	4.069	4.713	6544431	154.6E6	2.111	3.797 #
8)	B Heptachlo...	4.654	5.591	7320685	85748838	2.740	3.201
9)	A Endosulfan I	5.023	5.976	6467199	86627528	2.585	3.523 #
10)	B gamma-Chl...	4.902	5.845	7799609	90993832	2.845	3.430
11)	B alpha-Chl...	4.966	5.920	7374421	89926582	2.743	3.481 #
12)	B 4,4'-DDE	5.154	6.094	6499339	79191046	2.539	3.187 #
13)	MA Dieldrin	5.288	6.253	6758976	81131268	2.560	3.224 #
14)	MA Endrin	5.566	6.485	6131734	66894452	2.531	3.089
15)	B Endosulfa...	5.862	6.713	6065859	62350700	2.805m	3.178m
16)	A 4,4'-DDD	5.711	6.619	5272491	59869450	2.472m	3.056
17)	MA 4,4'-DDT	5.961	6.927	4798360	53625484	2.505	2.871
18)	B Endrin al...	6.045	6.846	5430126	52495535	3.157	3.520
19)	B Endosulfa...	6.268	7.079	6134945	54721787	2.790	3.128
20)	A Methoxychlor	6.543	7.407	3694413	25485933	3.213m	2.911
21)	B Endrin ke...	6.777	7.569	3904402	63357957	1.560m	3.393 #
22)	Mirex	6.943	8.016	6528235	36263781	3.557	3.047

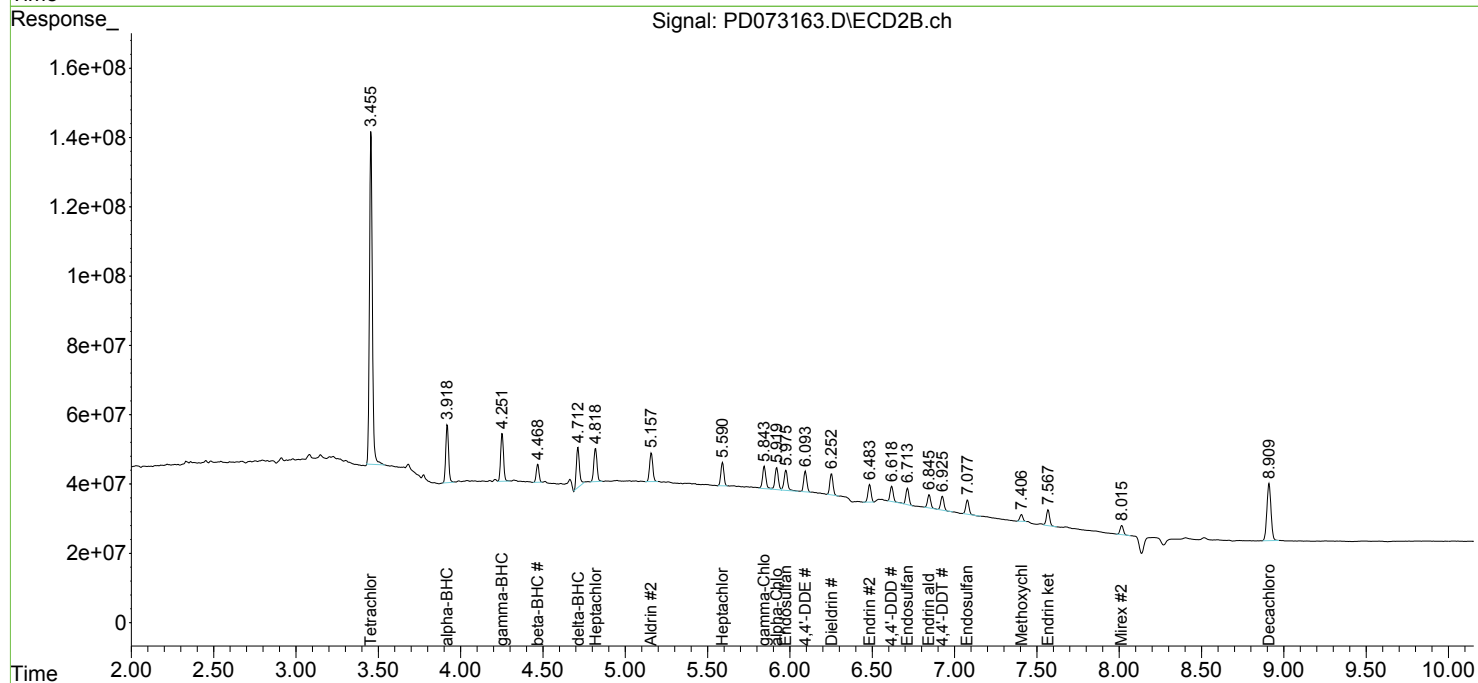
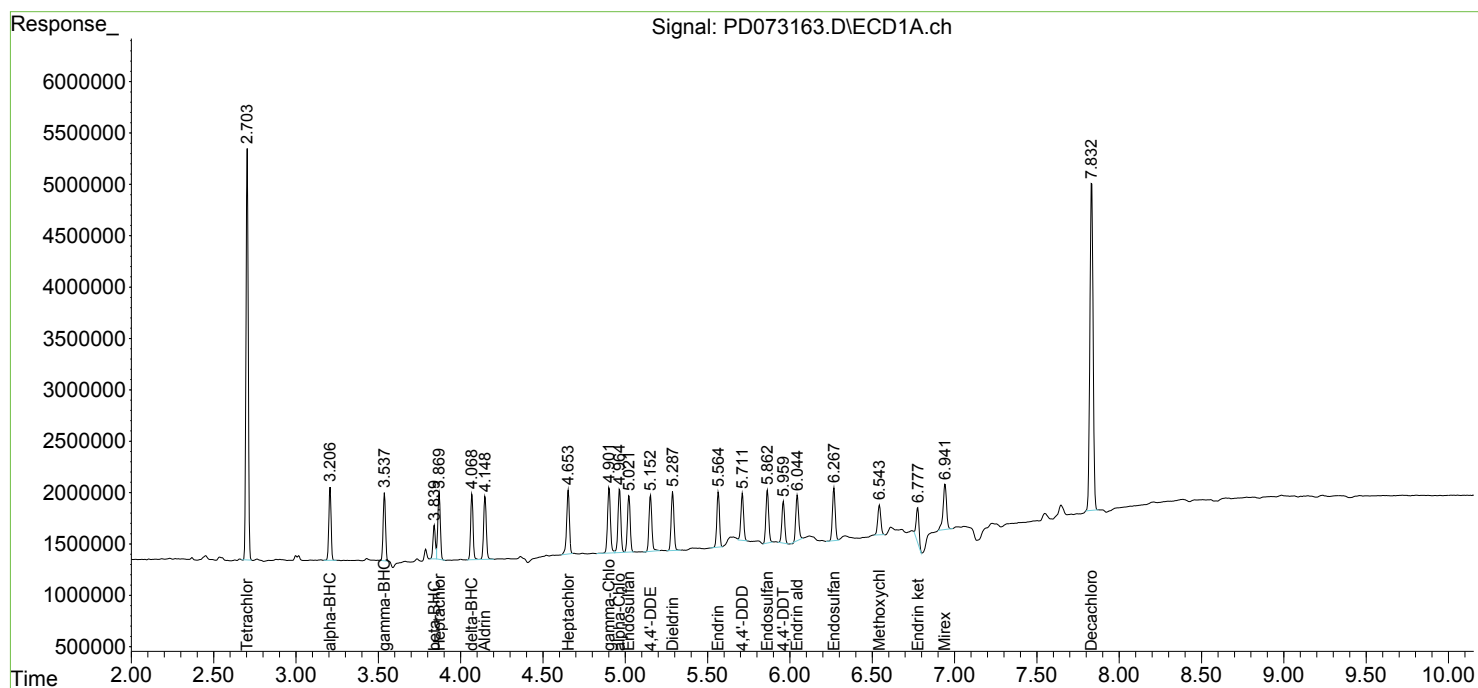
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

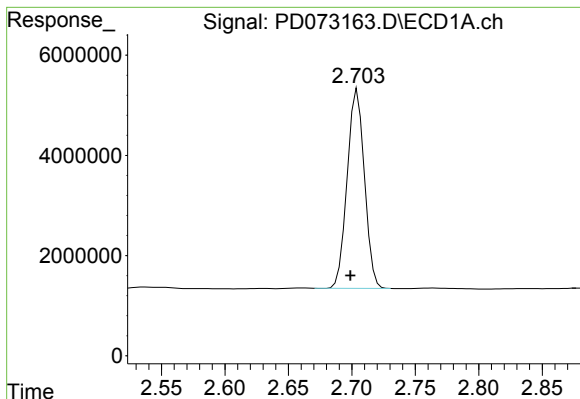
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD112122\
Data File : PD073163.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2022 13:54
Operator : AR\AJ
Sample : N4955-01
Misc : PEST LOD 2.5PPB
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 23:49:01 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD11622.M
Quant Title : GC Extractables
QLast Update : Thu Nov 17 03:26:54 2022
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

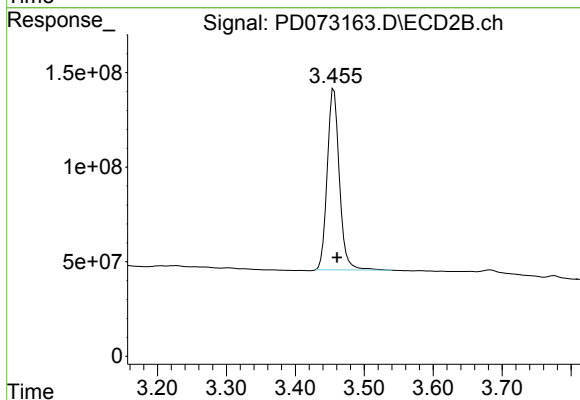




#1 Tetrachloro-m-xylene

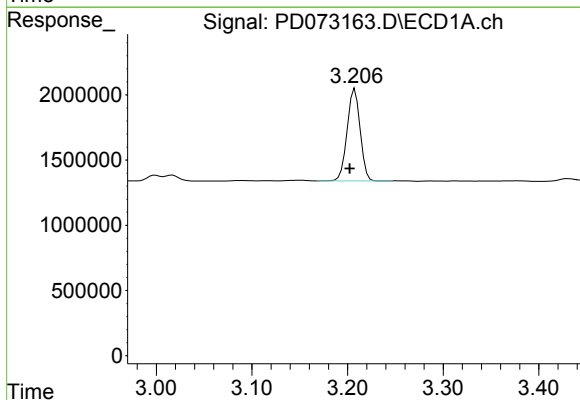
R.T.: 2.704 min
Delta R.T.: 0.005 min
Response: 37593453
Conc: 17.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



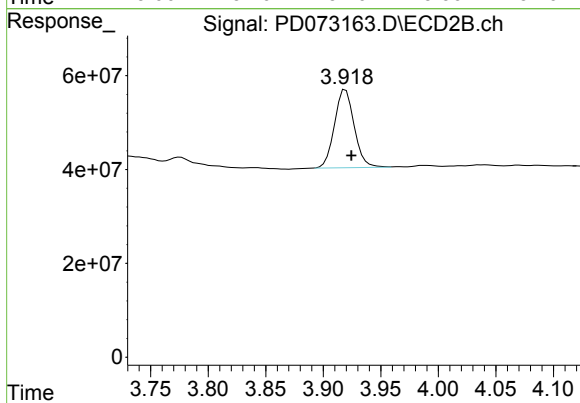
#1 Tetrachloro-m-xylene

R.T.: 3.456 min
Delta R.T.: -0.004 min
Response: 1171730827
Conc: 21.15 ng/ml



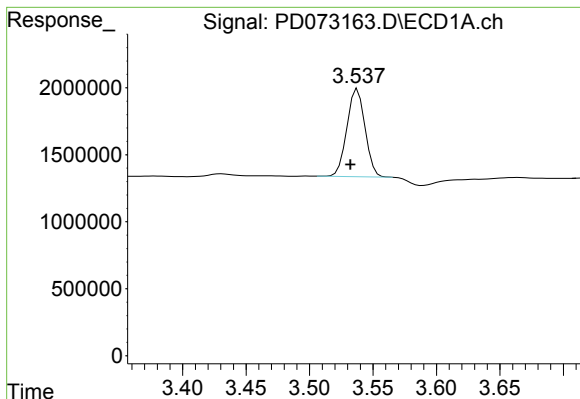
#2 alpha-BHC

R.T.: 3.208 min
Delta R.T.: 0.006 min
Response: 6723529
Conc: 1.95 ng/ml



#2 alpha-BHC

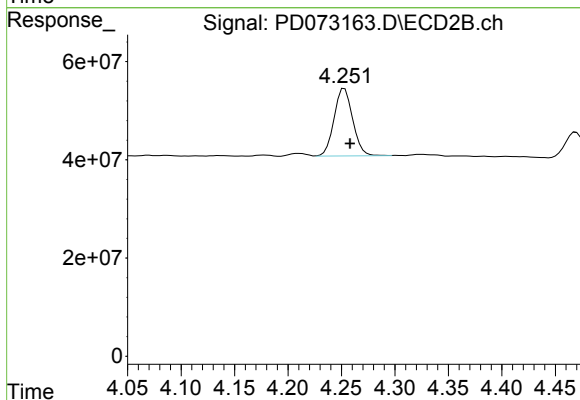
R.T.: 3.919 min
Delta R.T.: -0.005 min
Response: 198417192
Conc: 2.70 ng/ml



#3 gamma-BHC (Lindane)

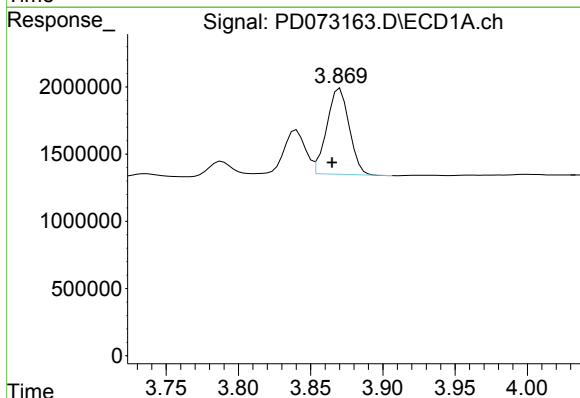
R.T.: 3.538 min
Delta R.T.: 0.006 min
Response: 6501138
Conc: 2.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



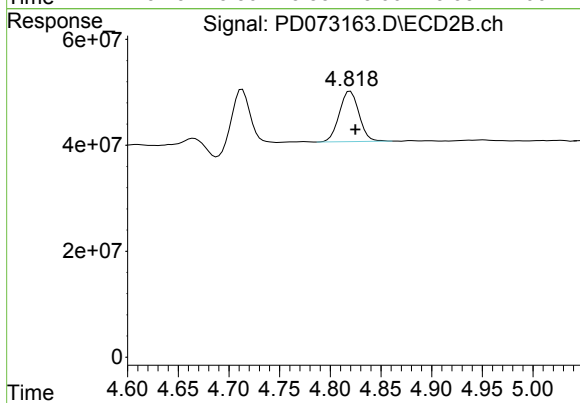
#3 gamma-BHC (Lindane)

R.T.: 4.253 min
Delta R.T.: -0.005 min
Response: 167049119
Conc: 2.95 ng/ml



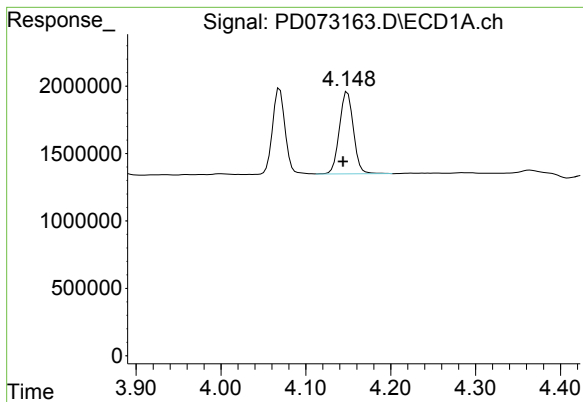
#4 Heptachlor

R.T.: 3.870 min
Delta R.T.: 0.006 min
Response: 6881483
Conc: 2.34 ng/ml



#4 Heptachlor

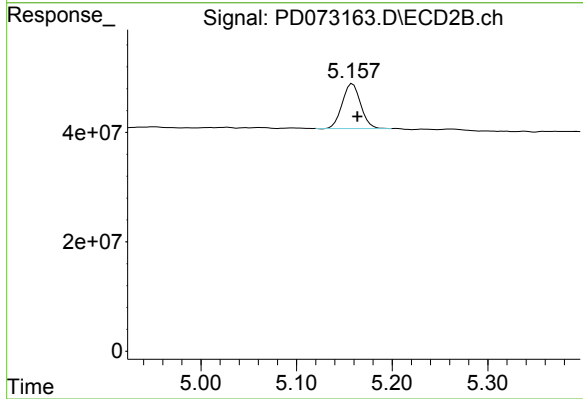
R.T.: 4.820 min
Delta R.T.: -0.005 min
Response: 128672961
Conc: 3.43 ng/ml



#5 Aldrin

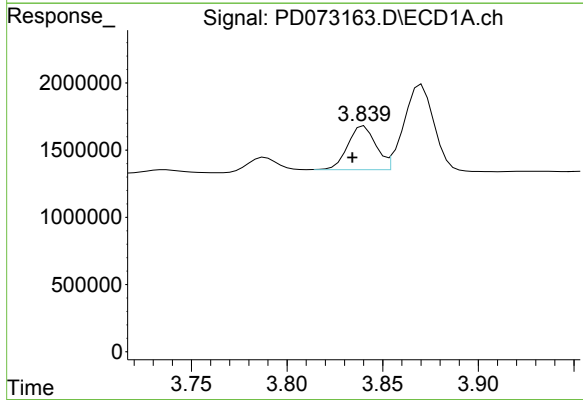
R.T.: 4.149 min
Delta R.T.: 0.005 min
Response: 6981952
Conc: 2.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



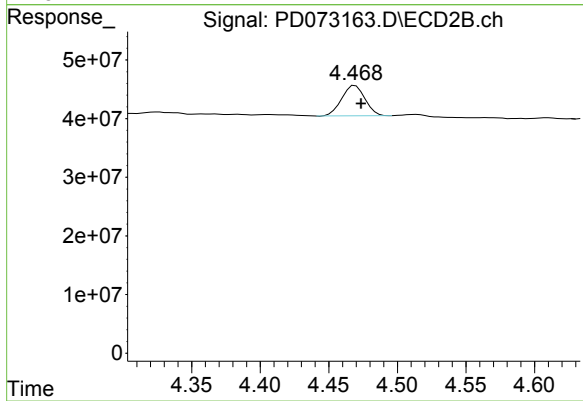
#5 Aldrin

R.T.: 5.159 min
Delta R.T.: -0.005 min
Response: 109841533
Conc: 3.40 ng/ml



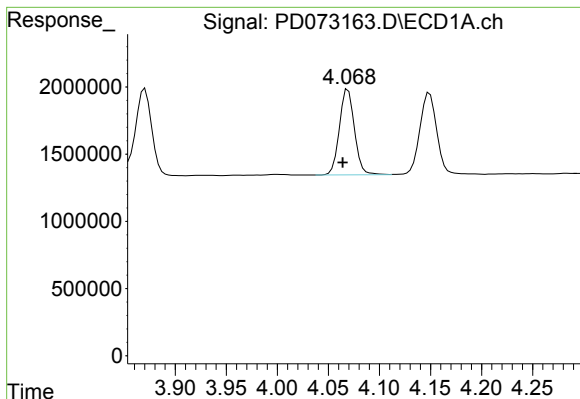
#6 beta-BHC

R.T.: 3.839 min
Delta R.T.: 0.005 min
Response: 3507918
Conc: 2.74 ng/ml m



#6 beta-BHC

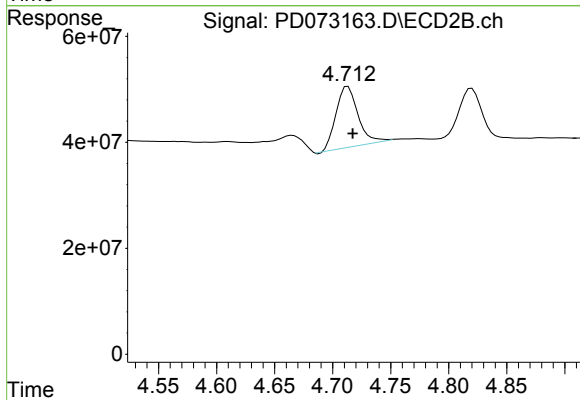
R.T.: 4.469 min
Delta R.T.: -0.004 min
Response: 60716559
Conc: 2.90 ng/ml



#7 delta-BHC

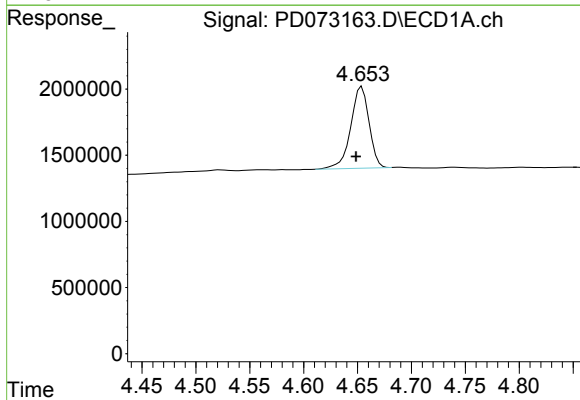
R.T.: 4.069 min
Delta R.T.: 0.005 min
Response: 6544431
Conc: 2.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



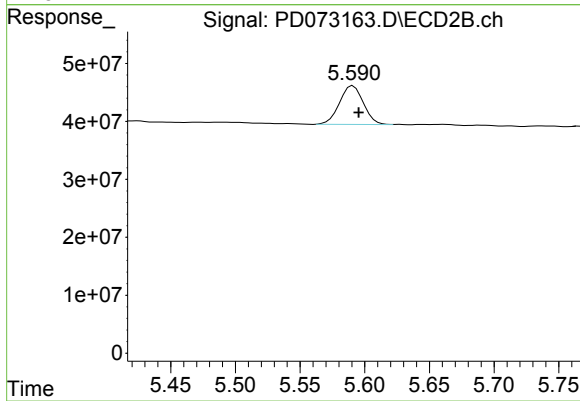
#7 delta-BHC

R.T.: 4.713 min
Delta R.T.: -0.004 min
Response: 154560242
Conc: 3.80 ng/ml



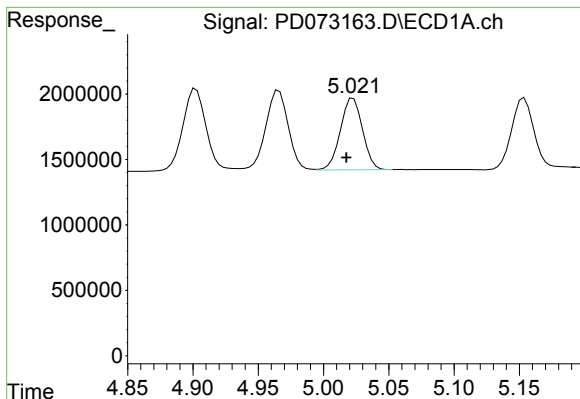
#8 Heptachlor epoxide

R.T.: 4.654 min
Delta R.T.: 0.005 min
Response: 7320685
Conc: 2.74 ng/ml



#8 Heptachlor epoxide

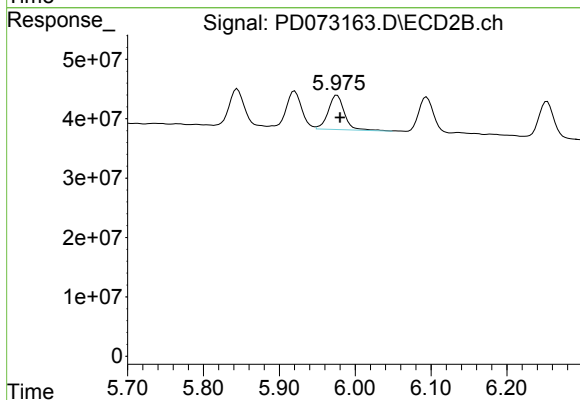
R.T.: 5.591 min
Delta R.T.: -0.004 min
Response: 85748838
Conc: 3.20 ng/ml



#9 Endosulfan I

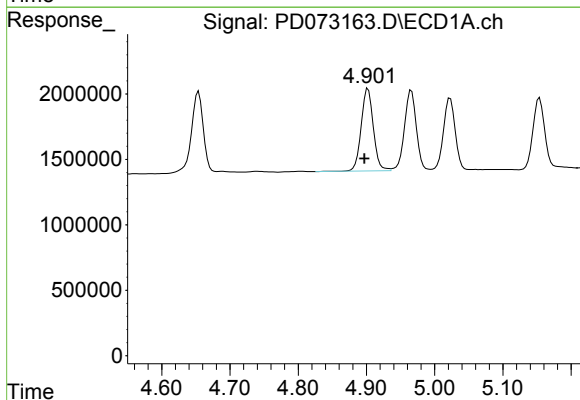
R.T.: 5.023 min
Delta R.T.: 0.005 min
Response: 6467199
Conc: 2.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



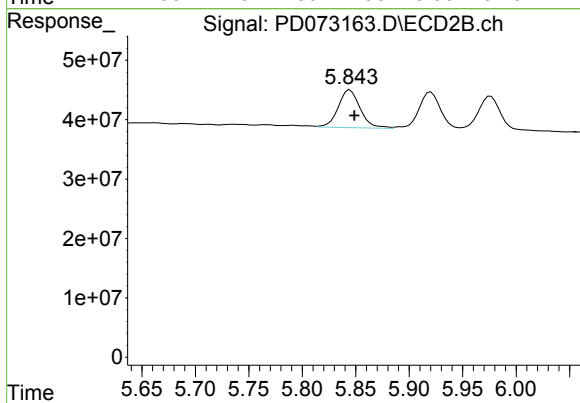
#9 Endosulfan I

R.T.: 5.976 min
Delta R.T.: -0.004 min
Response: 86627528
Conc: 3.52 ng/ml



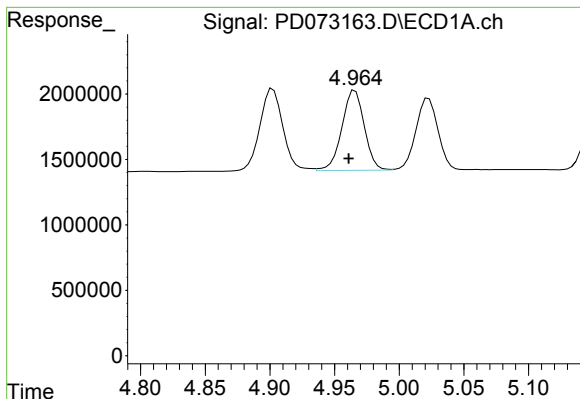
#10 gamma-Chlordane

R.T.: 4.902 min
Delta R.T.: 0.005 min
Response: 7799609
Conc: 2.84 ng/ml



#10 gamma-Chlordane

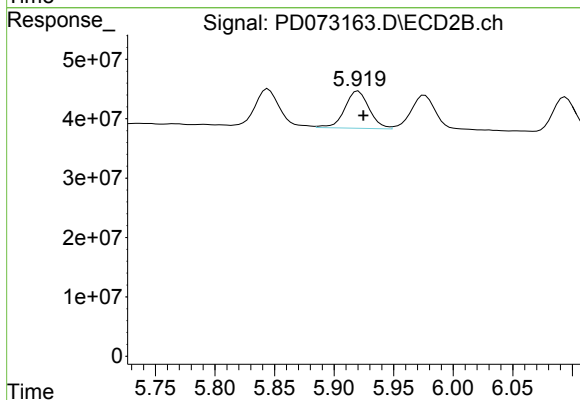
R.T.: 5.845 min
Delta R.T.: -0.004 min
Response: 90993832
Conc: 3.43 ng/ml



#11 alpha-Chlordane

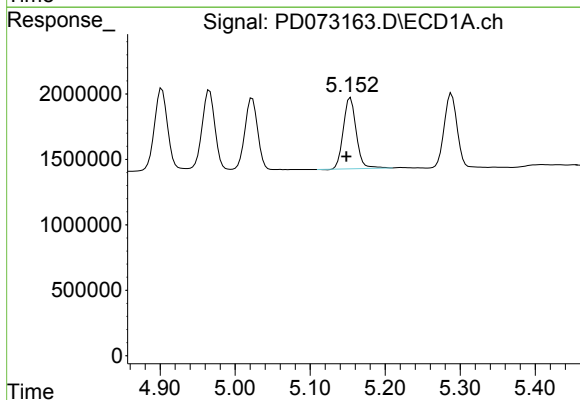
R.T.: 4.966 min
Delta R.T.: 0.005 min
Response: 7374421
Conc: 2.74 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



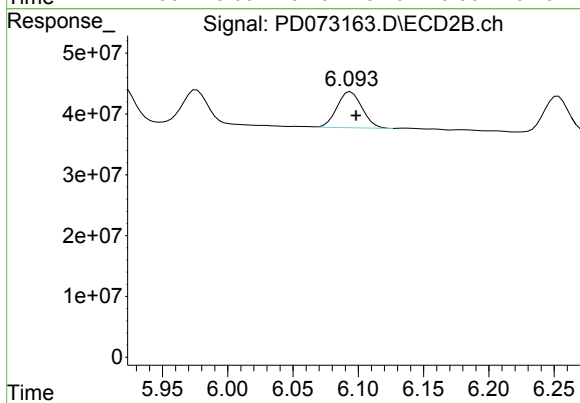
#11 alpha-Chlordane

R.T.: 5.920 min
Delta R.T.: -0.004 min
Response: 89926582
Conc: 3.48 ng/ml



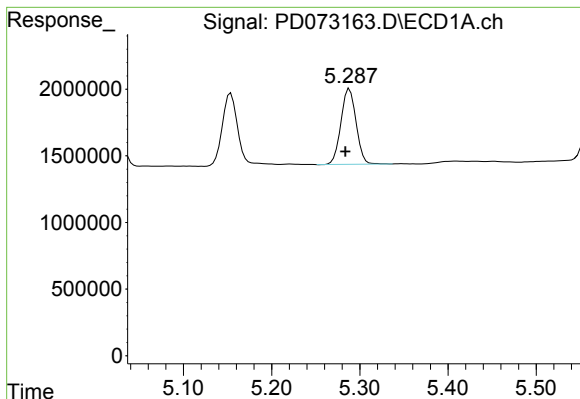
#12 4,4'-DDE

R.T.: 5.154 min
Delta R.T.: 0.005 min
Response: 6499339
Conc: 2.54 ng/ml



#12 4,4'-DDE

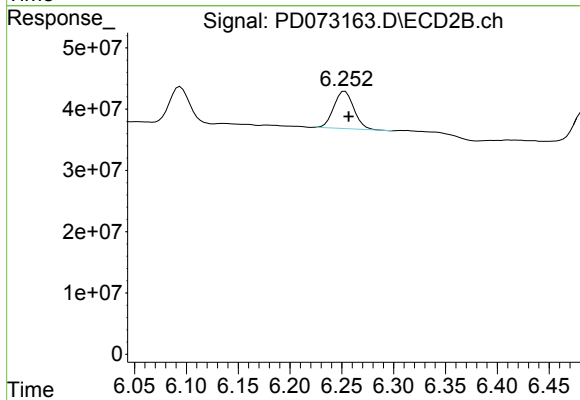
R.T.: 6.094 min
Delta R.T.: -0.004 min
Response: 79191046
Conc: 3.19 ng/ml



#13 Dieldrin

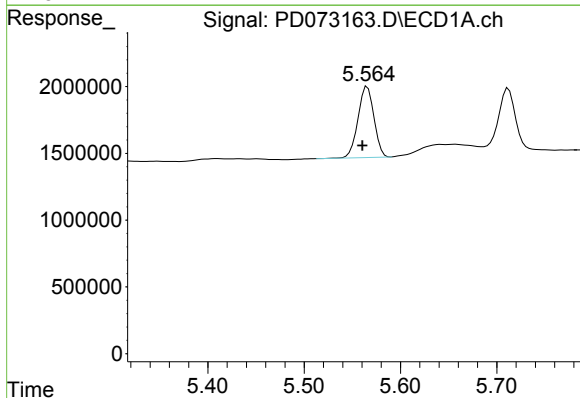
R.T.: 5.288 min
Delta R.T.: 0.005 min
Response: 6758976
Conc: 2.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



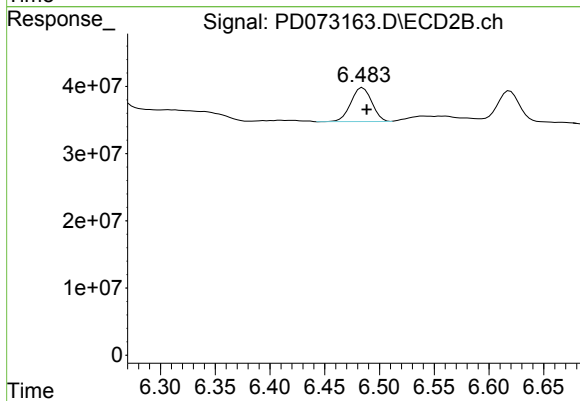
#13 Dieldrin

R.T.: 6.253 min
Delta R.T.: -0.004 min
Response: 81131268
Conc: 3.22 ng/ml



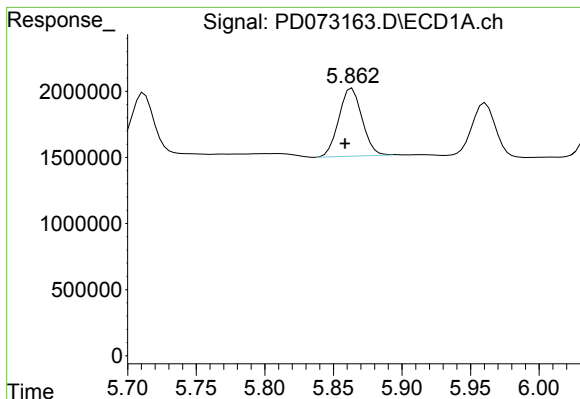
#14 Endrin

R.T.: 5.566 min
Delta R.T.: 0.005 min
Response: 6131734
Conc: 2.53 ng/ml



#14 Endrin

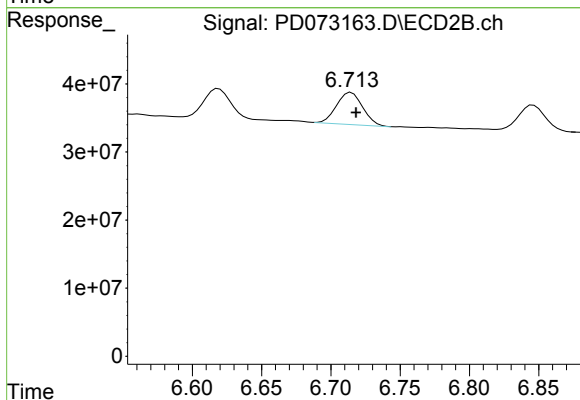
R.T.: 6.485 min
Delta R.T.: -0.004 min
Response: 66894452
Conc: 3.09 ng/ml



#15 Endosulfan II

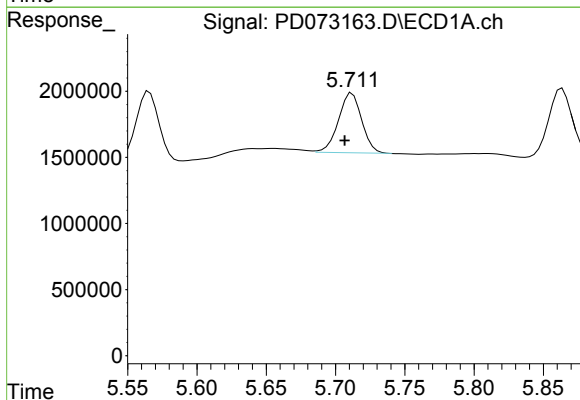
R.T.: 5.862 min
Delta R.T.: 0.004 min
Response: 6065859
Conc: 2.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



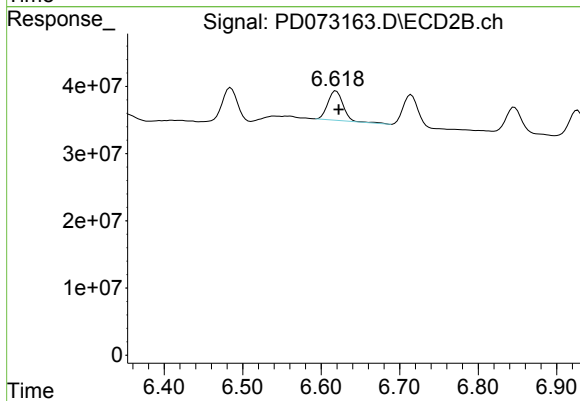
#15 Endosulfan II

R.T.: 6.713 min
Delta R.T.: -0.005 min
Response: 62350700
Conc: 3.18 ng/ml m



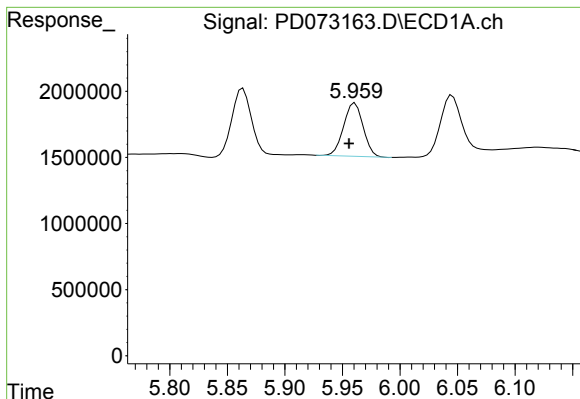
#16 4,4'-DDD

R.T.: 5.711 min
Delta R.T.: 0.004 min
Response: 5272491
Conc: 2.47 ng/ml m



#16 4,4'-DDD

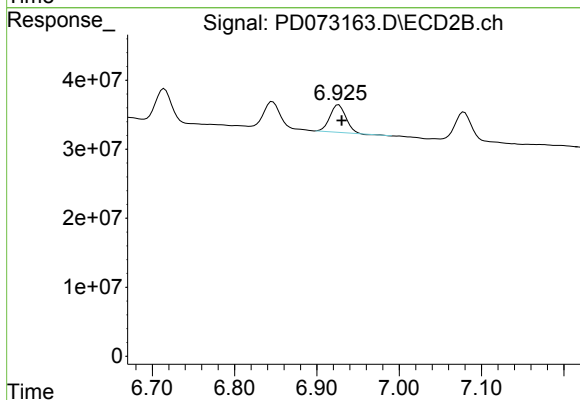
R.T.: 6.619 min
Delta R.T.: -0.003 min
Response: 59869450
Conc: 3.06 ng/ml



#17 4,4'-DDT

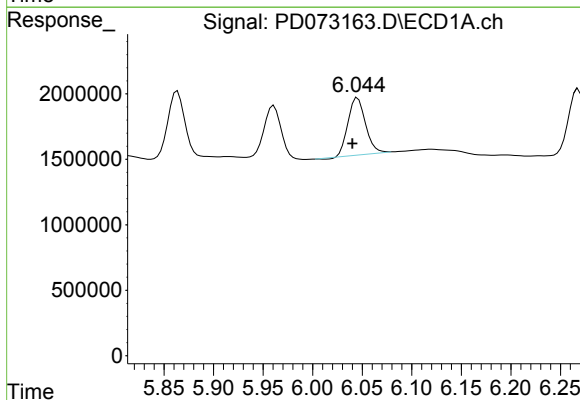
R.T.: 5.961 min
Delta R.T.: 0.005 min
Response: 4798360
Conc: 2.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



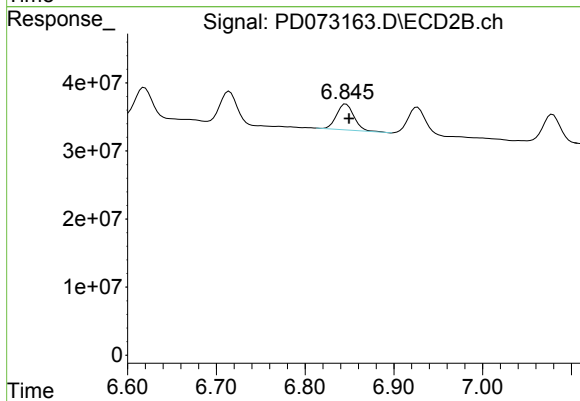
#17 4,4'-DDT

R.T.: 6.927 min
Delta R.T.: -0.004 min
Response: 53625484
Conc: 2.87 ng/ml



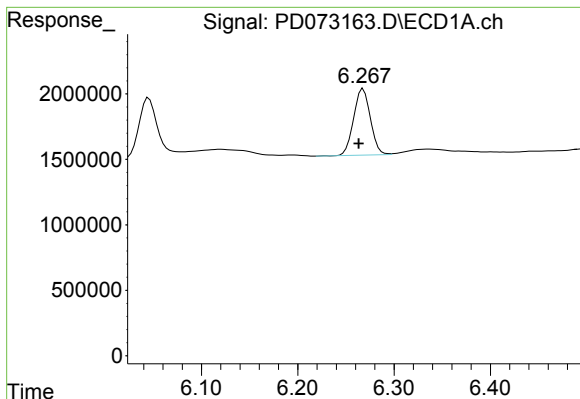
#18 Endrin aldehyde

R.T.: 6.045 min
Delta R.T.: 0.005 min
Response: 5430126
Conc: 3.16 ng/ml



#18 Endrin aldehyde

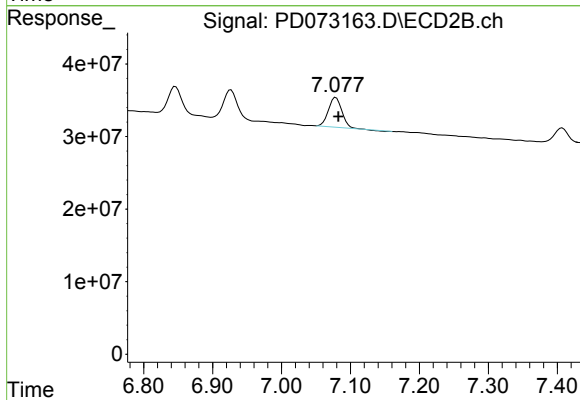
R.T.: 6.846 min
Delta R.T.: -0.003 min
Response: 52495535
Conc: 3.52 ng/ml



#19 Endosulfan Sulfate

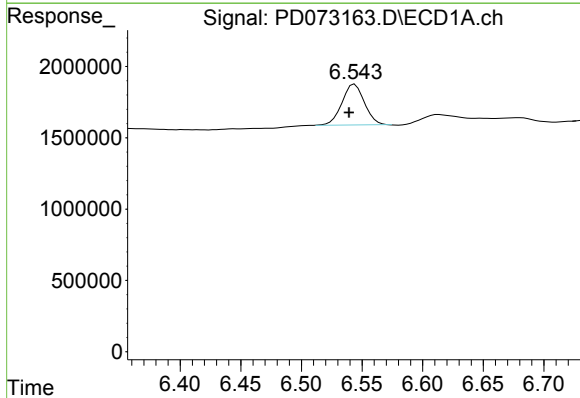
R.T.: 6.268 min
Delta R.T.: 0.004 min
Response: 6134945
Conc: 2.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



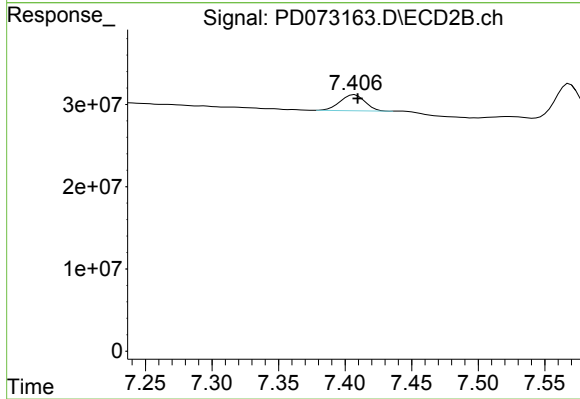
#19 Endosulfan Sulfate

R.T.: 7.079 min
Delta R.T.: -0.004 min
Response: 54721787
Conc: 3.13 ng/ml



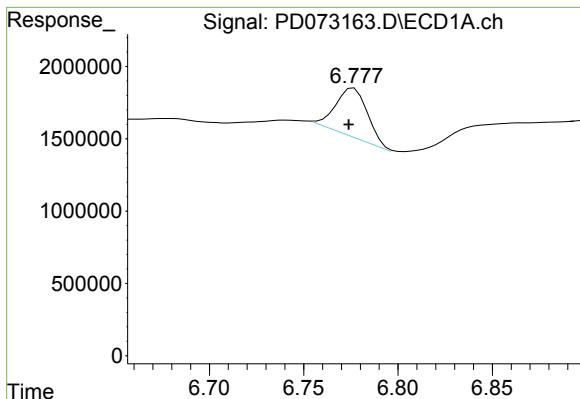
#20 Methoxychlor

R.T.: 6.543 min
Delta R.T.: 0.003 min
Response: 3694413
Conc: 3.21 ng/ml m



#20 Methoxychlor

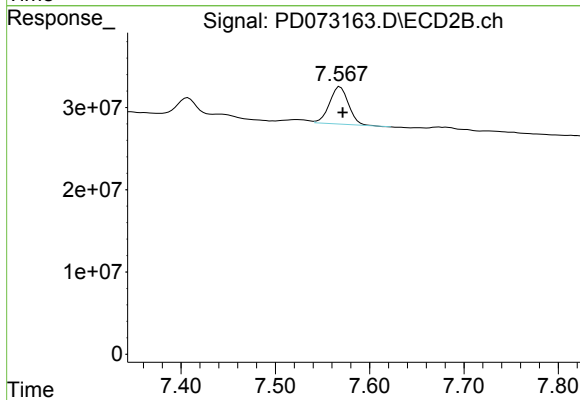
R.T.: 7.407 min
Delta R.T.: -0.002 min
Response: 25485933
Conc: 2.91 ng/ml



#21 Endrin ketone

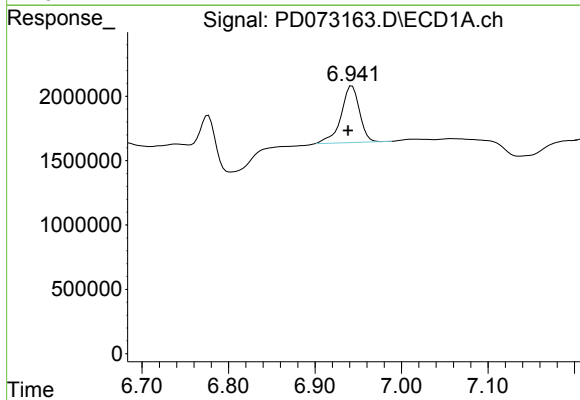
R.T.: 6.777 min
Delta R.T.: 0.003 min
Response: 3904402
Conc: 1.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



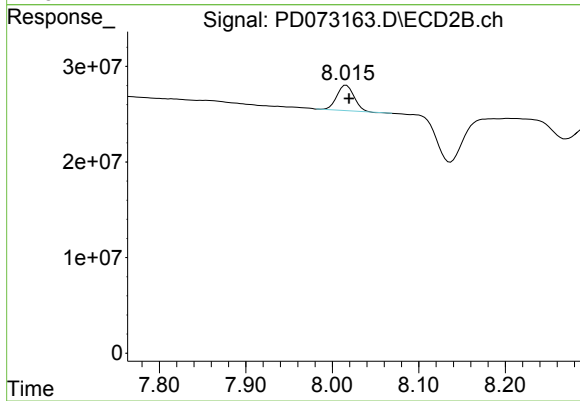
#21 Endrin ketone

R.T.: 7.569 min
Delta R.T.: -0.003 min
Response: 63357957
Conc: 3.39 ng/ml



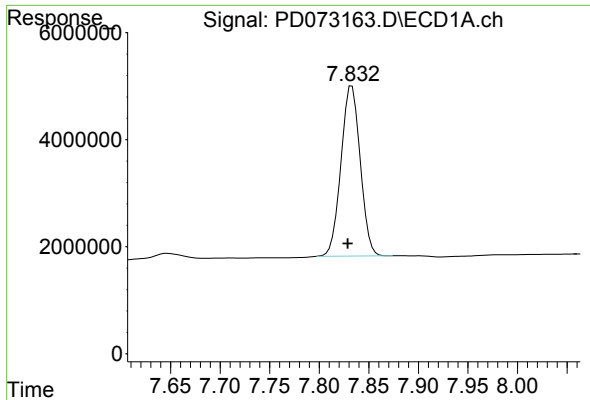
#22 Mirex

R.T.: 6.943 min
Delta R.T.: 0.005 min
Response: 6528235
Conc: 3.56 ng/ml



#22 Mirex

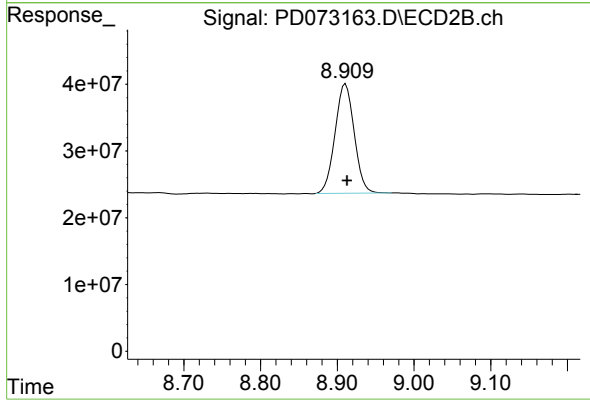
R.T.: 8.016 min
Delta R.T.: -0.003 min
Response: 36263781
Conc: 3.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.833 min
Delta R.T.: 0.004 min
Response: 42891807
Conc: 20.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2022



#28 Decachlorobiphenyl

R.T.: 8.911 min
Delta R.T.: -0.002 min
Response: 285269014
Conc: 22.32 ng/ml