

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071922\
 Data File : PD071011.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jul 2022 02:48
 Operator : AR\AJ
 Sample : N3214-02
 Misc : PEST LOQ 5PPB
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 20 07:27:59 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071922.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 20 05:30:10 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...	3.474	4.125	46538101	503.6E6	16.059	17.418
28)	SA Decachlor...	8.243	9.321	53933430	208.4E6	17.652	18.273
Target Compounds							
2)	A alpha-BHC	3.915	4.530	18185941	200.2E6	4.145	5.283 #
3)	MA gamma-BHC...	4.199	4.824	18134918	159.9E6	4.177	5.353 #
4)	MA Heptachlor	4.499	5.340	17619456	126.4E6	4.232	5.723 #
5)	MB Aldrin	4.747	5.652	17552741	103.0E6	4.200	5.566 #
6)	B beta-BHC	4.448	5.001	7802080	91764134	4.668	6.841 #
7)	B delta-BHC	4.653	5.224	16052384	132.4E6	4.056	5.602 #
8)	B Heptachlo...	5.192	6.048	16952464	90991788	4.526	6.018 #
9)	A Endosulfan I	5.531	6.412	15970183	77806842	4.574	5.360
10)	B gamma-Chl...	5.419	6.284	17295713	92521837	4.448	5.866 #
11)	B alpha-Chl...	5.477	6.357	17259225	84066993	4.514	5.464
12)	B 4,4'-DDE	5.643	6.512	14810867	76174011	4.206	5.075
13)	MA Dieldrin	5.775	6.673	16368003	82699848	4.357	5.412
14)	MA Endrin	6.034	6.896	13590388	51374036	4.352	4.953
15)	B Endosulfa...	6.307	7.111	14162957	67391336	4.708	5.383
16)	A 4,4'-DDD	6.161	7.012	13034195	64572884	4.441	5.192
17)	MA 4,4'-DDT	6.402	7.313	12672970	69638143	4.140	5.199 #
18)	B Endrin al...	6.477	7.236	11922449	54602825	4.971	5.415
19)	B Endosulfa...	6.691	7.461	14392239	65104187	4.831	5.388
20)	A Methoxychlor	6.953	7.773	8098645	36568912	4.899	5.322
21)	B Endrin ke...	7.184	7.942	16919228	77884889	4.885	5.628
22)	Mirex	7.371	8.396	15184148	52298448	5.477	5.691

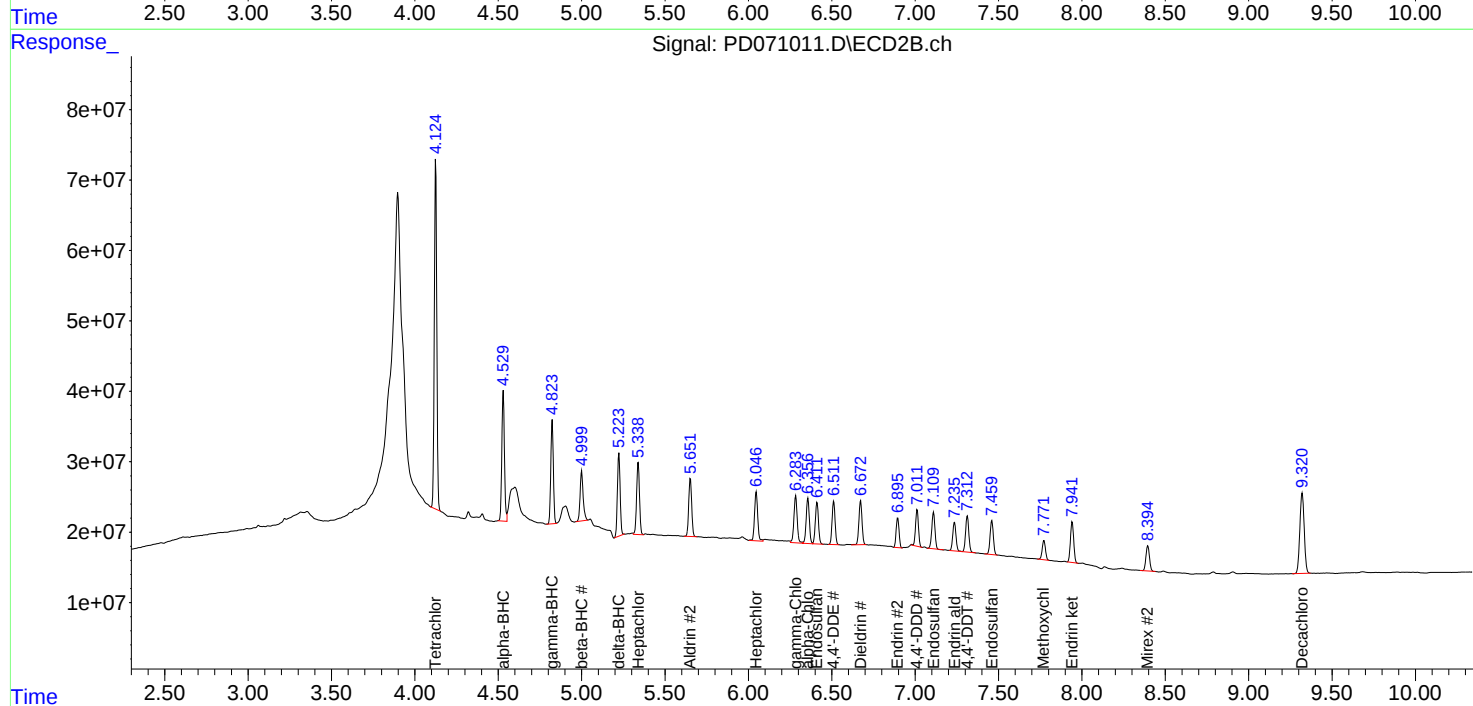
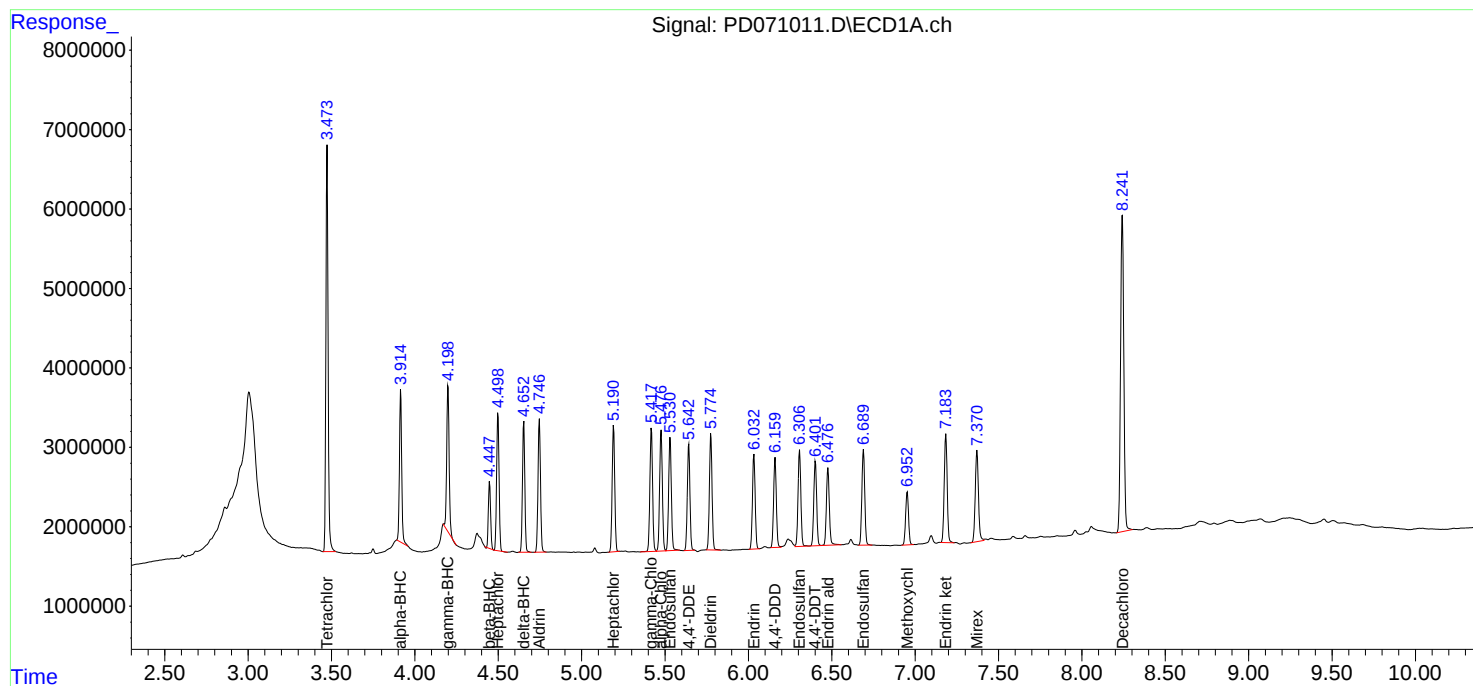
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

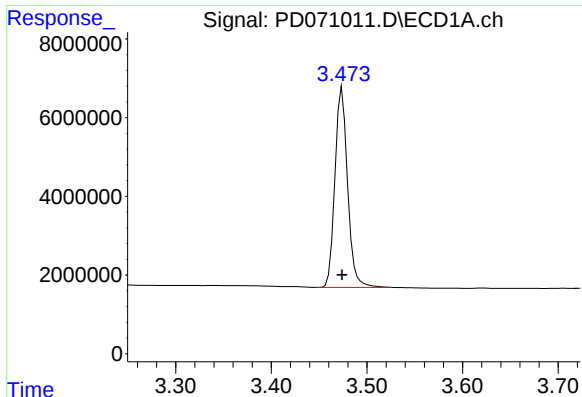
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD071922\
Data File : PD071011.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jul 2022 02:48
Operator : AR\AJ
Sample : N3214-02
Misc : PEST LOQ 5PPB
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 20 07:27:59 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD071922.M
Quant Title : GC Extractables
QLast Update : Wed Jul 20 05:30:10 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

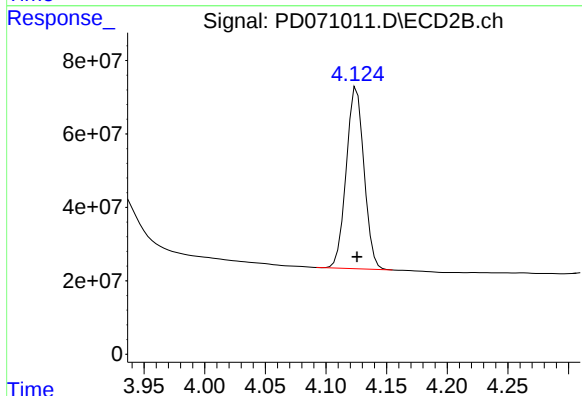




#1 Tetrachloro-m-xylene

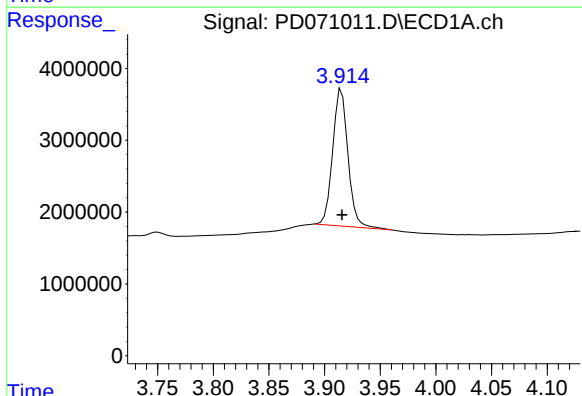
R.T.: 3.474 min
Delta R.T.: 0.000 min
Response: 46538101
Conc: 16.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022



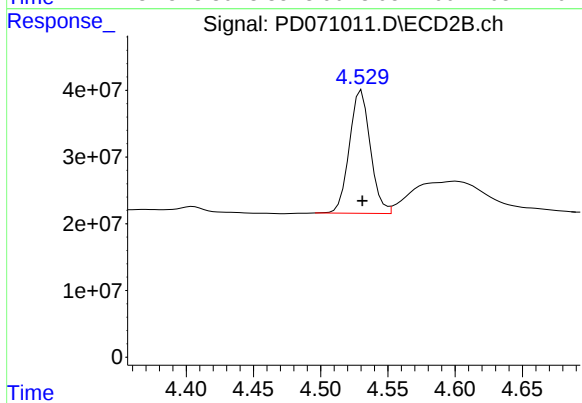
#1 Tetrachloro-m-xylene

R.T.: 4.125 min
Delta R.T.: 0.000 min
Response: 503608489
Conc: 17.42 ng/ml



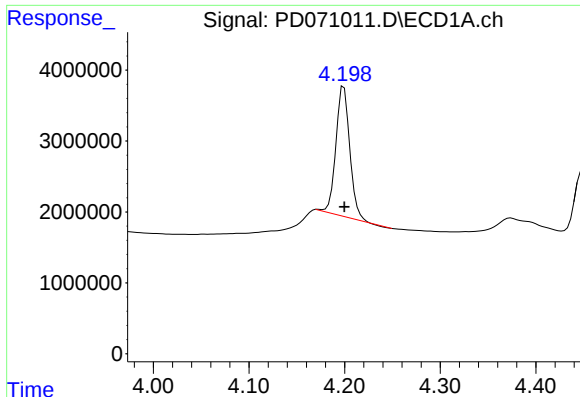
#2 alpha-BHC

R.T.: 3.915 min
Delta R.T.: 0.000 min
Response: 18185941
Conc: 4.15 ng/ml



#2 alpha-BHC

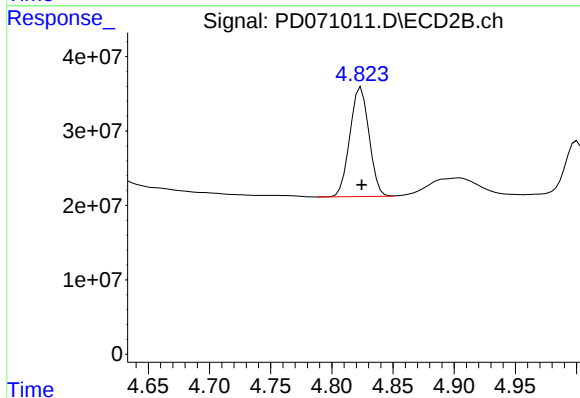
R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 200236085
Conc: 5.28 ng/ml



#3 gamma-BHC (Lindane)

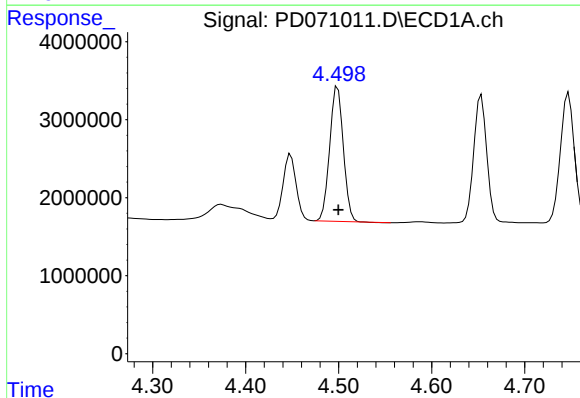
R.T.: 4.199 min
Delta R.T.: 0.000 min
Response: 18134918
Conc: 4.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022



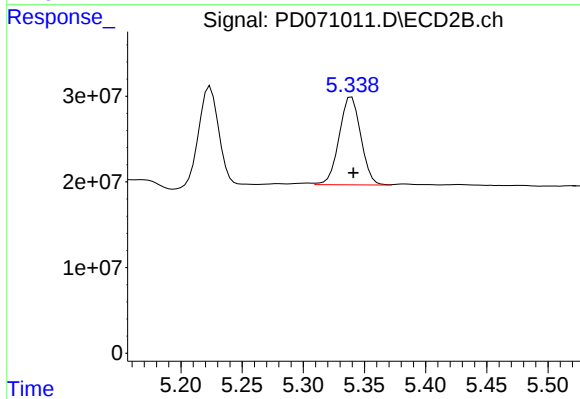
#3 gamma-BHC (Lindane)

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 159891392
Conc: 5.35 ng/ml



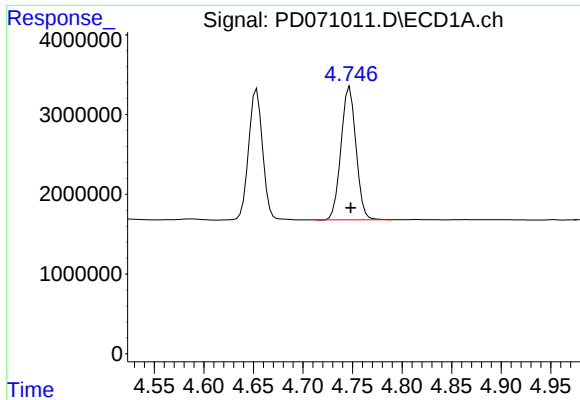
#4 Heptachlor

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 17619456
Conc: 4.23 ng/ml



#4 Heptachlor

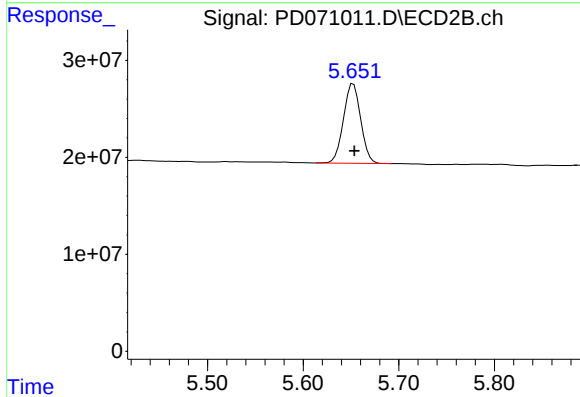
R.T.: 5.340 min
Delta R.T.: -0.001 min
Response: 126423596
Conc: 5.72 ng/ml



#5 Aldrin

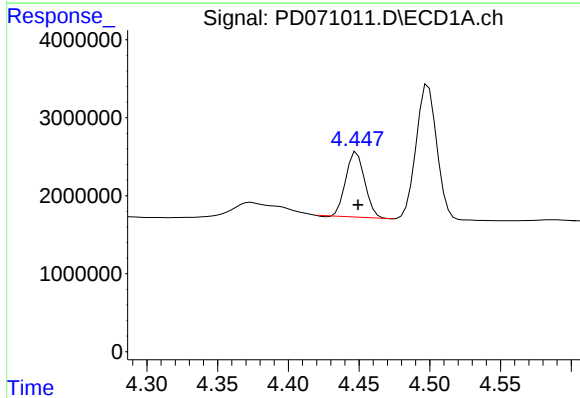
R.T.: 4.747 min
Delta R.T.: 0.000 min
Response: 17552741
Conc: 4.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022



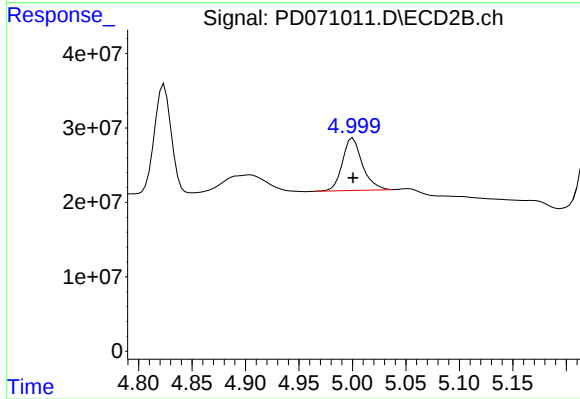
#5 Aldrin

R.T.: 5.652 min
Delta R.T.: -0.001 min
Response: 103044692
Conc: 5.57 ng/ml



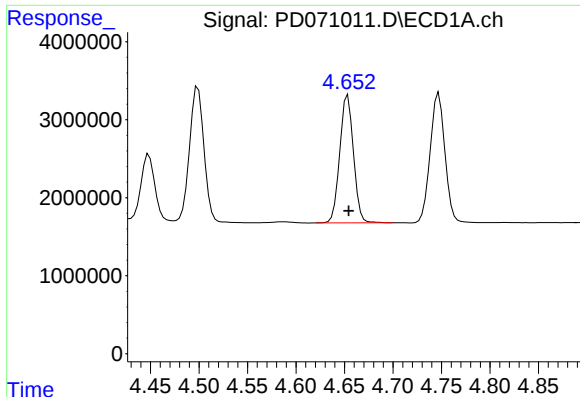
#6 beta-BHC

R.T.: 4.448 min
Delta R.T.: 0.000 min
Response: 7802080
Conc: 4.67 ng/ml



#6 beta-BHC

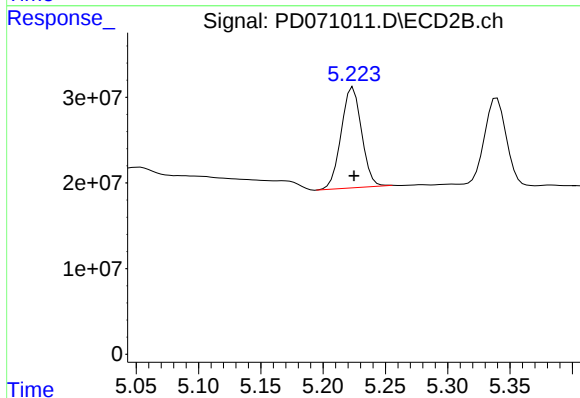
R.T.: 5.001 min
Delta R.T.: 0.000 min
Response: 91764134
Conc: 6.84 ng/ml



#7 delta-BHC

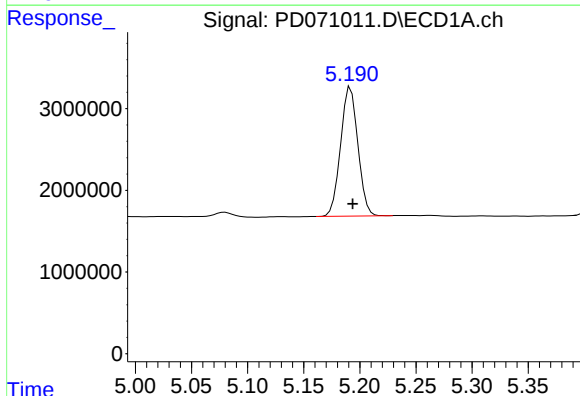
R.T.: 4.653 min
Delta R.T.: 0.000 min
Response: 16052384
Conc: 4.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022



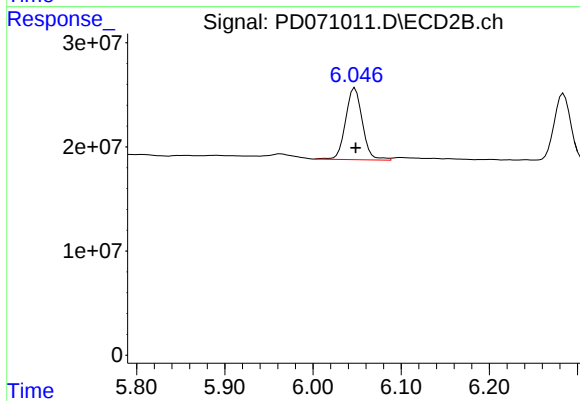
#7 delta-BHC

R.T.: 5.224 min
Delta R.T.: 0.000 min
Response: 132446708
Conc: 5.60 ng/ml



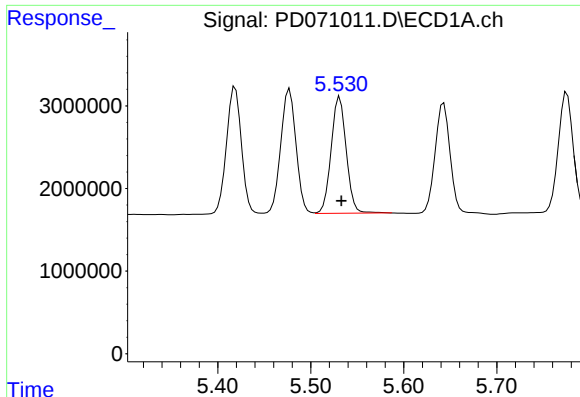
#8 Heptachlor epoxide

R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 16952464
Conc: 4.53 ng/ml



#8 Heptachlor epoxide

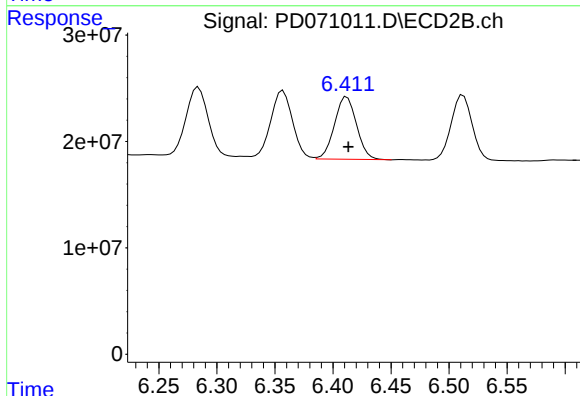
R.T.: 6.048 min
Delta R.T.: 0.000 min
Response: 90991788
Conc: 6.02 ng/ml



#9 Endosulfan I

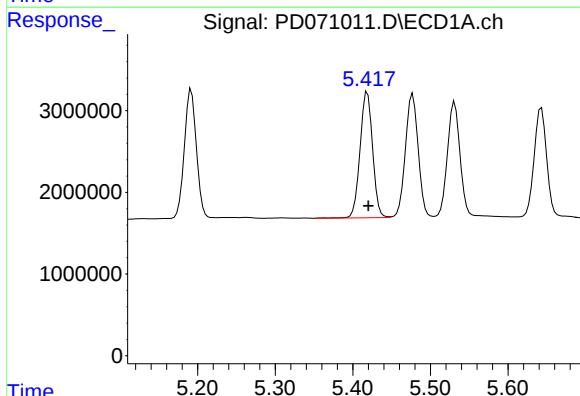
R.T.: 5.531 min
Delta R.T.: -0.002 min
Response: 15970183
Conc: 4.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022



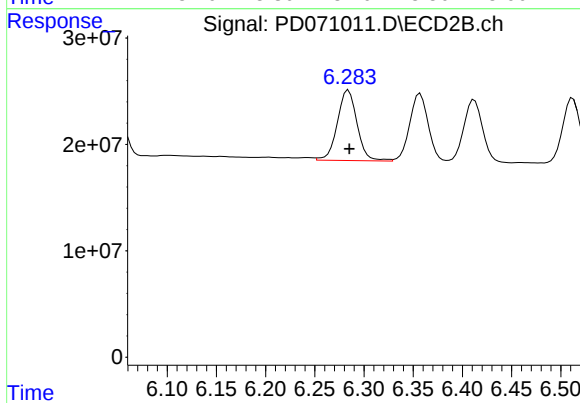
#9 Endosulfan I

R.T.: 6.412 min
Delta R.T.: -0.001 min
Response: 77806842
Conc: 5.36 ng/ml



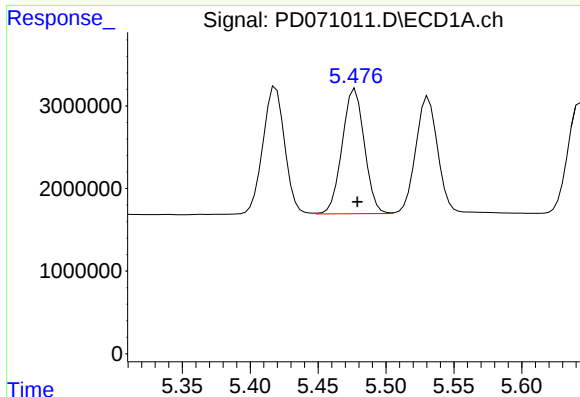
#10 gamma-Chlordane

R.T.: 5.419 min
Delta R.T.: -0.001 min
Response: 17295713
Conc: 4.45 ng/ml



#10 gamma-Chlordane

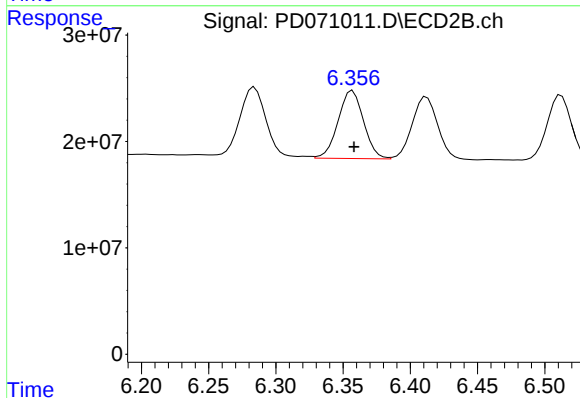
R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 92521837
Conc: 5.87 ng/ml



#11 alpha-Chlordane

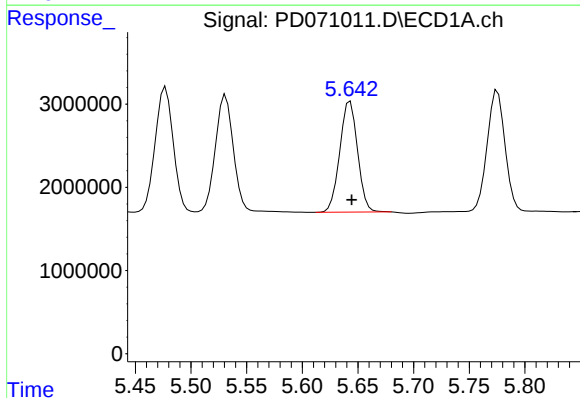
R.T.: 5.477 min
Delta R.T.: -0.002 min
Response: 17259225
Conc: 4.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022



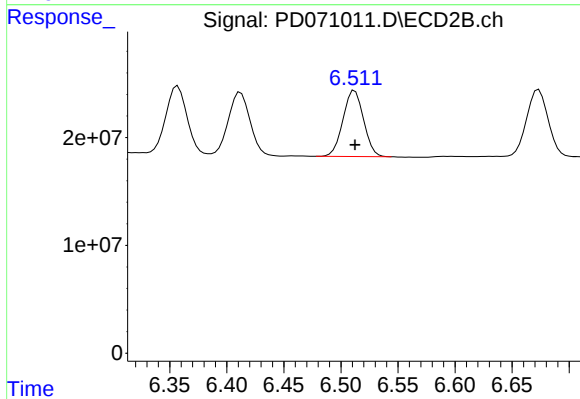
#11 alpha-Chlordane

R.T.: 6.357 min
Delta R.T.: -0.001 min
Response: 84066993
Conc: 5.46 ng/ml



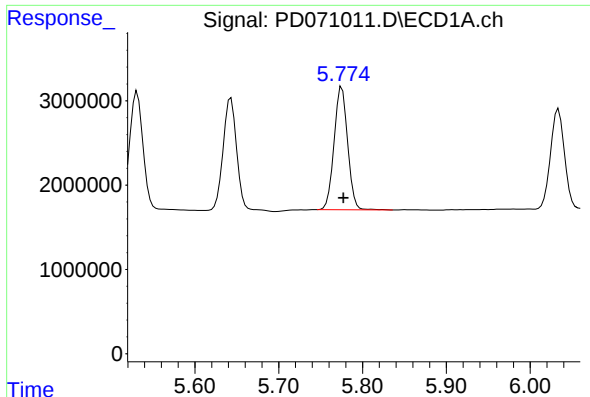
#12 4,4'-DDE

R.T.: 5.643 min
Delta R.T.: -0.001 min
Response: 14810867
Conc: 4.21 ng/ml



#12 4,4'-DDE

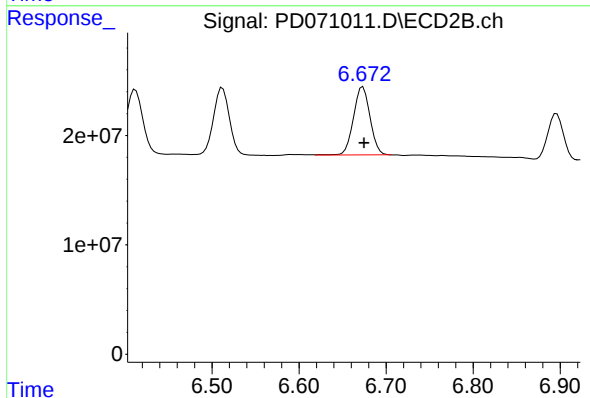
R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 76174011
Conc: 5.07 ng/ml



#13 Dieldrin

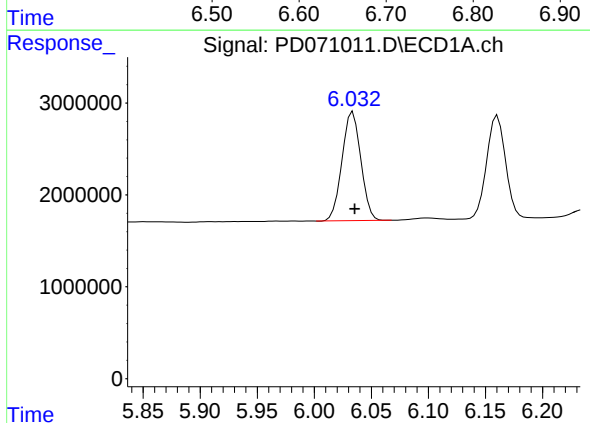
R.T.: 5.775 min
Delta R.T.: -0.002 min
Response: 16368003
Conc: 4.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022



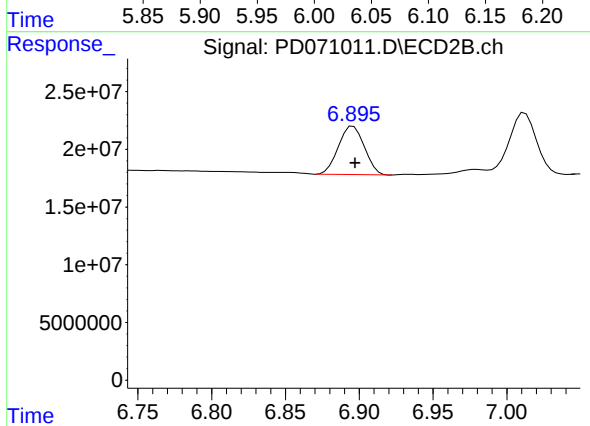
#13 Dieldrin

R.T.: 6.673 min
Delta R.T.: -0.001 min
Response: 82699848
Conc: 5.41 ng/ml



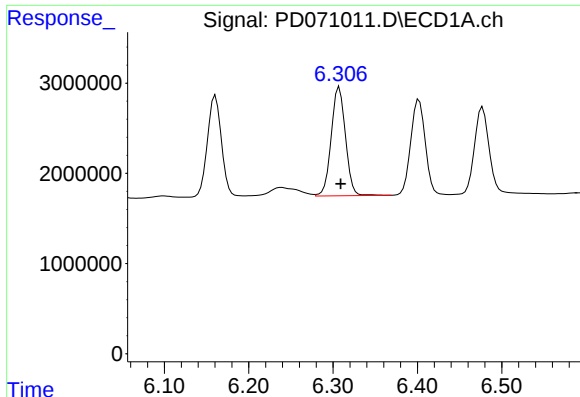
#14 Endrin

R.T.: 6.034 min
Delta R.T.: -0.002 min
Response: 13590388
Conc: 4.35 ng/ml



#14 Endrin

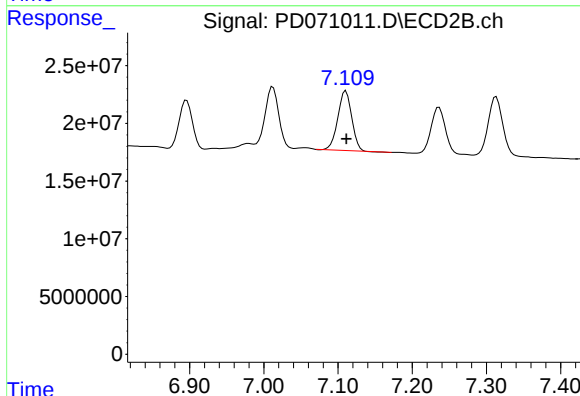
R.T.: 6.896 min
Delta R.T.: -0.001 min
Response: 51374036
Conc: 4.95 ng/ml



#15 Endosulfan II

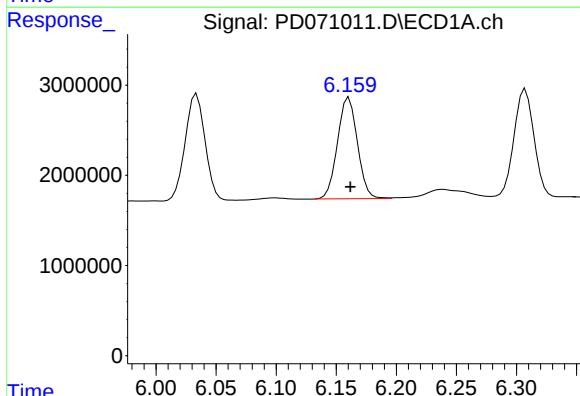
R.T.: 6.307 min
Delta R.T.: -0.002 min
Response: 14162957
Conc: 4.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022



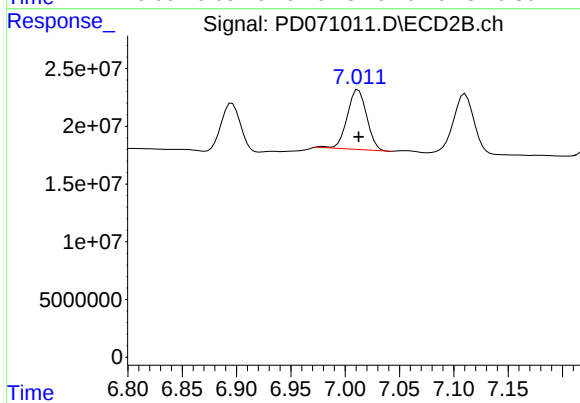
#15 Endosulfan II

R.T.: 7.111 min
Delta R.T.: 0.000 min
Response: 67391336
Conc: 5.38 ng/ml



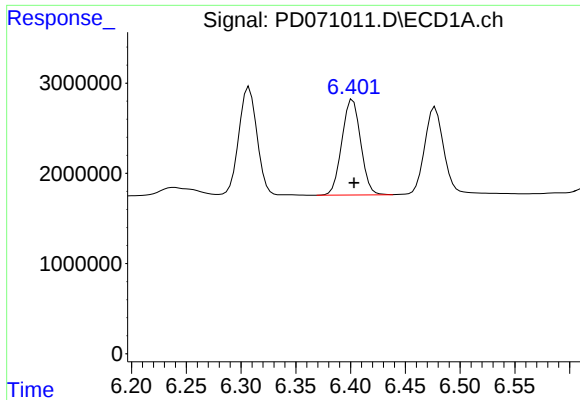
#16 4,4'-DDD

R.T.: 6.161 min
Delta R.T.: -0.001 min
Response: 13034195
Conc: 4.44 ng/ml



#16 4,4'-DDD

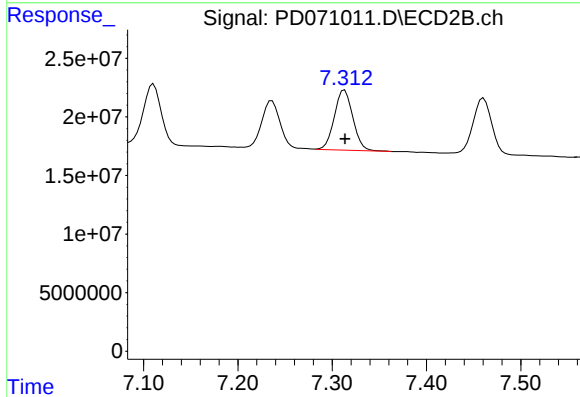
R.T.: 7.012 min
Delta R.T.: 0.000 min
Response: 64572884
Conc: 5.19 ng/ml



#17 4,4'-DDT

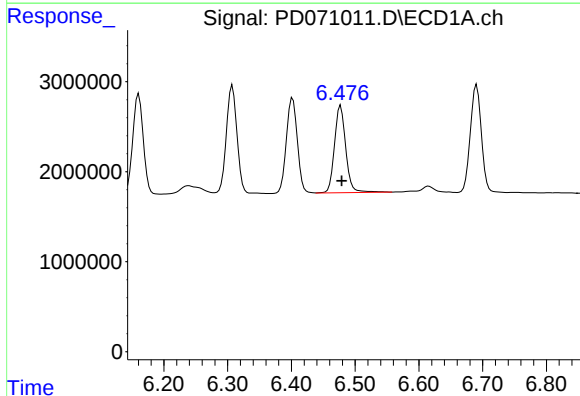
R.T.: 6.402 min
Delta R.T.: -0.001 min
Response: 12672970
Conc: 4.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022



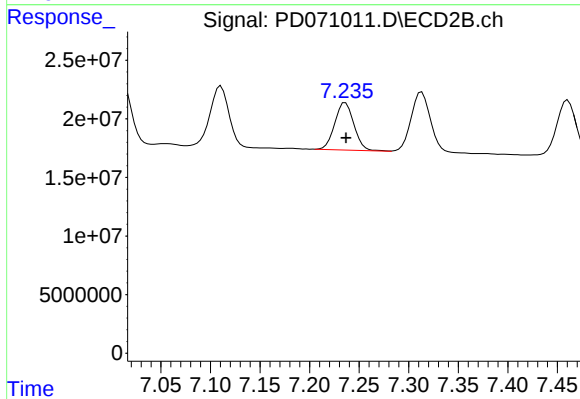
#17 4,4'-DDT

R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 69638143
Conc: 5.20 ng/ml



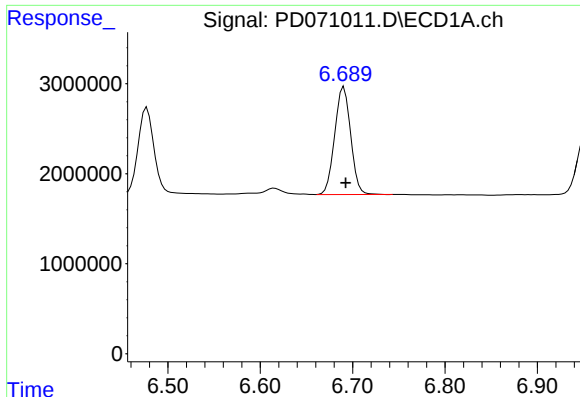
#18 Endrin aldehyde

R.T.: 6.477 min
Delta R.T.: -0.002 min
Response: 11922449
Conc: 4.97 ng/ml



#18 Endrin aldehyde

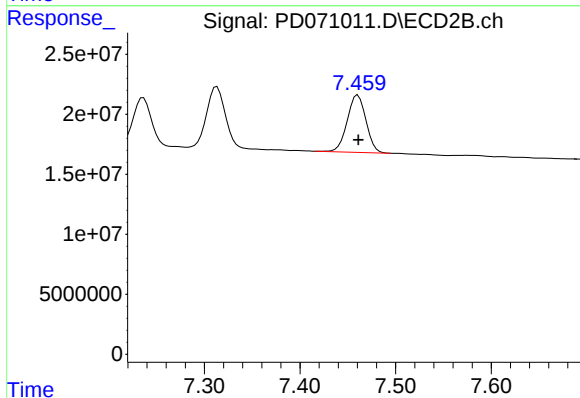
R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 54602825
Conc: 5.41 ng/ml



#19 Endosulfan Sulfate

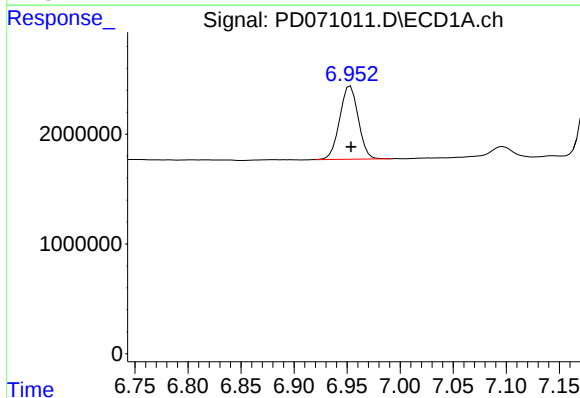
R.T.: 6.691 min
Delta R.T.: -0.002 min
Response: 14392239
Conc: 4.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022



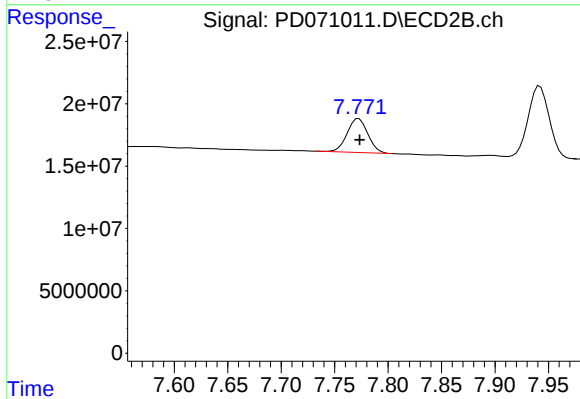
#19 Endosulfan Sulfate

R.T.: 7.461 min
Delta R.T.: 0.000 min
Response: 65104187
Conc: 5.39 ng/ml



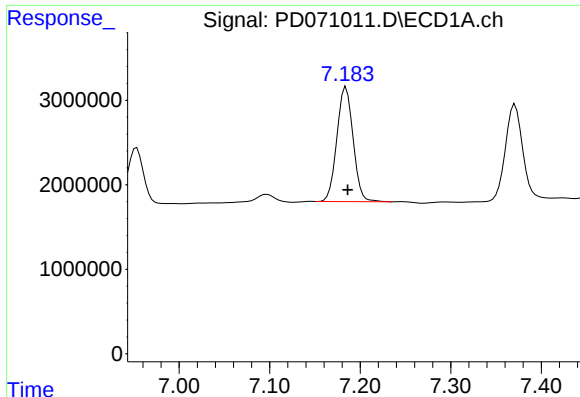
#20 Methoxychlor

R.T.: 6.953 min
Delta R.T.: 0.000 min
Response: 8098645
Conc: 4.90 ng/ml



#20 Methoxychlor

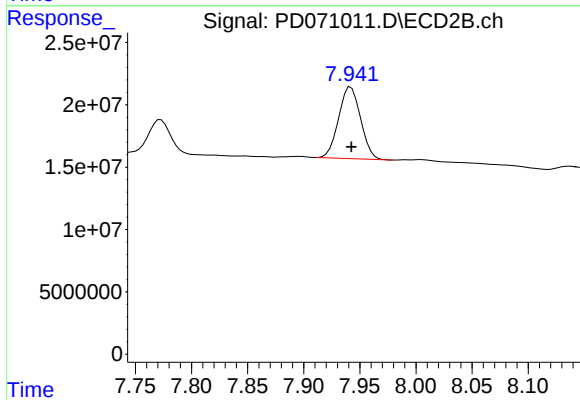
R.T.: 7.773 min
Delta R.T.: 0.000 min
Response: 36568912
Conc: 5.32 ng/ml



#21 Endrin ketone

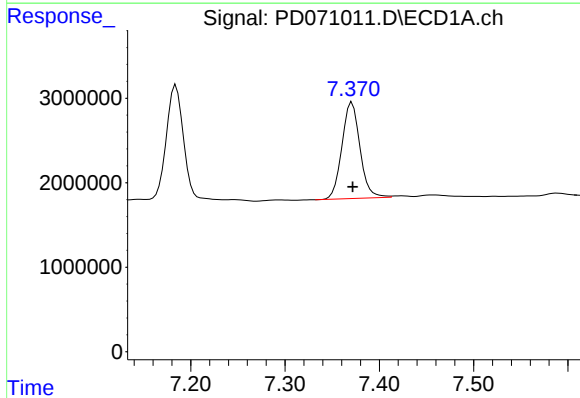
R.T.: 7.184 min
Delta R.T.: -0.002 min
Response: 16919228
Conc: 4.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022



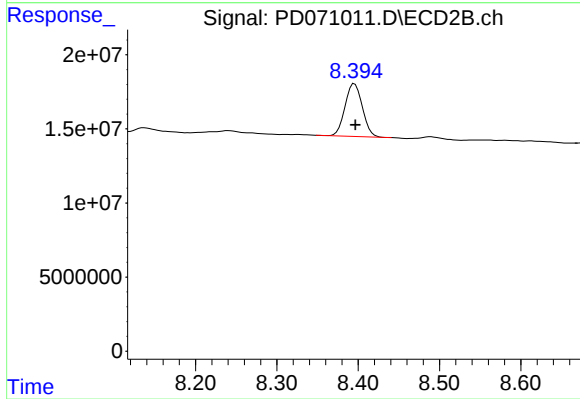
#21 Endrin ketone

R.T.: 7.942 min
Delta R.T.: 0.000 min
Response: 77884889
Conc: 5.63 ng/ml



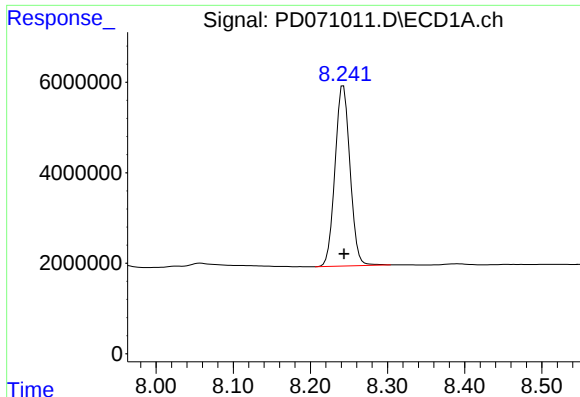
#22 Mirex

R.T.: 7.371 min
Delta R.T.: 0.000 min
Response: 15184148
Conc: 5.48 ng/ml



#22 Mirex

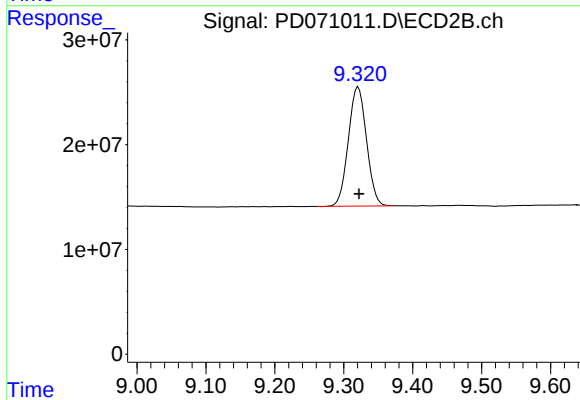
R.T.: 8.396 min
Delta R.T.: -0.001 min
Response: 52298448
Conc: 5.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.243 min
Delta R.T.: 0.000 min
Response: 53933430
Conc: 17.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOQ-SOIL-02-QT2-2022



#28 Decachlorobiphenyl

R.T.: 9.321 min
Delta R.T.: -0.001 min
Response: 208405971
Conc: 18.27 ng/ml