

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101624\
 Data File : PD086078.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Oct 2024 11:44
 Operator : AR\AJ
 Sample : P4368-01
 Misc : PEST LOD 2.5PPB SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 12:08:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101124.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 11 13:57:25 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.443	2.876	23148390	124.6E6	19.067	19.957
28) SA Decachlor...	8.900	8.057	40213578	117.2E6	18.622	22.011
Target Compounds						
2) A alpha-BHC	3.885	3.385	5123358	29035420	2.366	3.178 #
3) MA gamma-BHC...	4.213	3.720	6395581	27676902	2.880	3.227
4) MA Heptachlor	4.805	4.071	5864708	26682712	2.935	3.736 #
5) MB Aldrin	5.145	4.356	5904381	27061979	2.590	3.140
6) B beta-BHC	4.400	4.014	2619200	13449382	2.942	3.645
7) B delta-BHC	4.645	4.250	5374987	25808954	2.678	3.118
8) B Heptachlo...	5.564	4.859	6406653	25302689	3.073	3.381
9) A Endosulfan I	5.945	5.233	5536148	23940302	2.847	3.494
10) B gamma-Chl...	5.819	5.111	5756925	26430189	2.859	3.496
11) B alpha-Chl...	5.899	5.176	5932930	25927488	2.905	3.444
12) B 4,4'-DDE	6.071	5.359	4594883	23141119	2.652	3.406 #
13) MA Dieldrin	6.217	5.499	5526058	26438941	2.694	3.493 #
14) MA Endrin	6.443	5.775	4642833	22975582	2.726	3.693 #
15) B Endosulfa...	6.657	6.067	5350817	22036045	2.925	3.479
16) A 4,4'-DDD	6.579	5.914	3645377	19165893	2.665	3.695 #
17) MA 4,4'-DDT	6.894	6.168	3868303	19726626	2.600	3.736 #
18) B Endrin al...	6.786	6.245	4364957	19145806	2.887	3.651 #
19) B Endosulfa...	7.019	6.470	5050723	19411697	2.907	3.455
20) A Methoxychlor	7.368	6.739	2826655	10167805	3.137	3.803
21) B Endrin ke...	7.497	6.980	4852200	26081123	2.522	3.771 #
22) Mirex	7.976	7.172	5266234	20169874	3.113	3.444

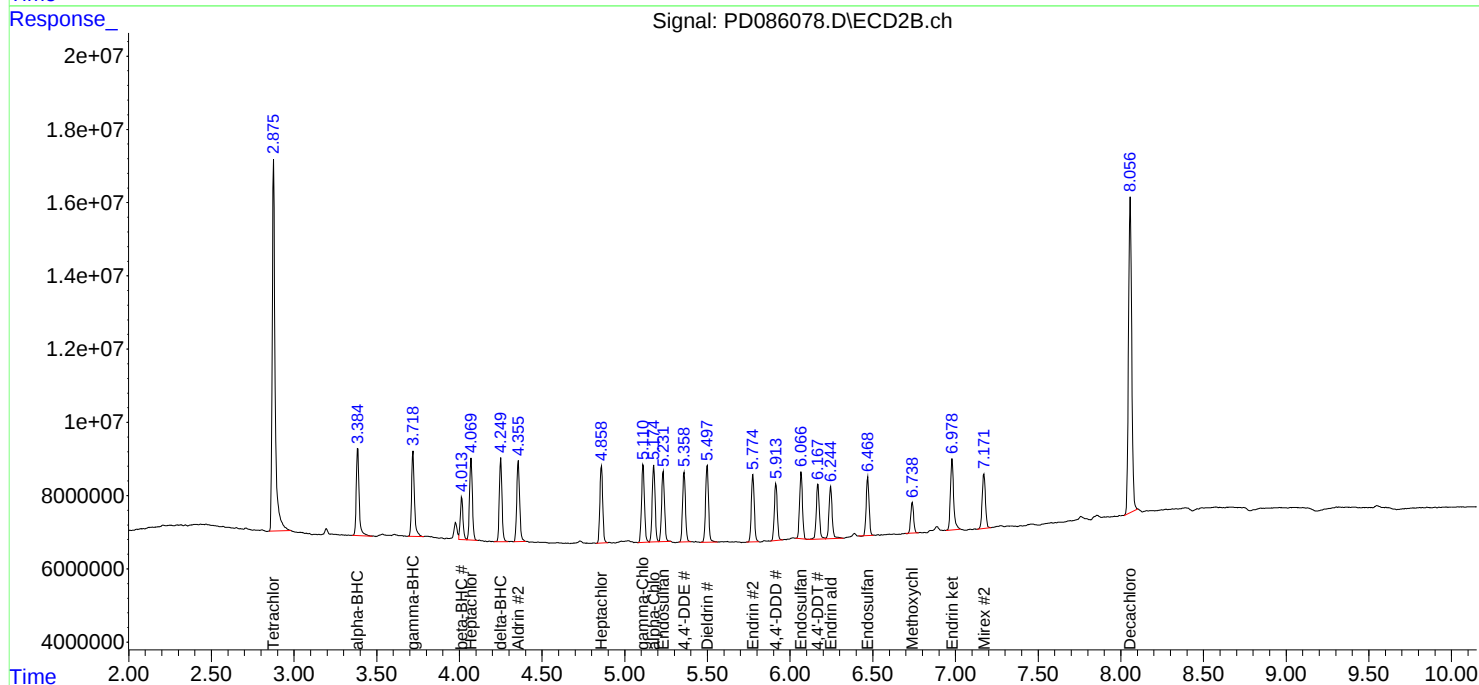
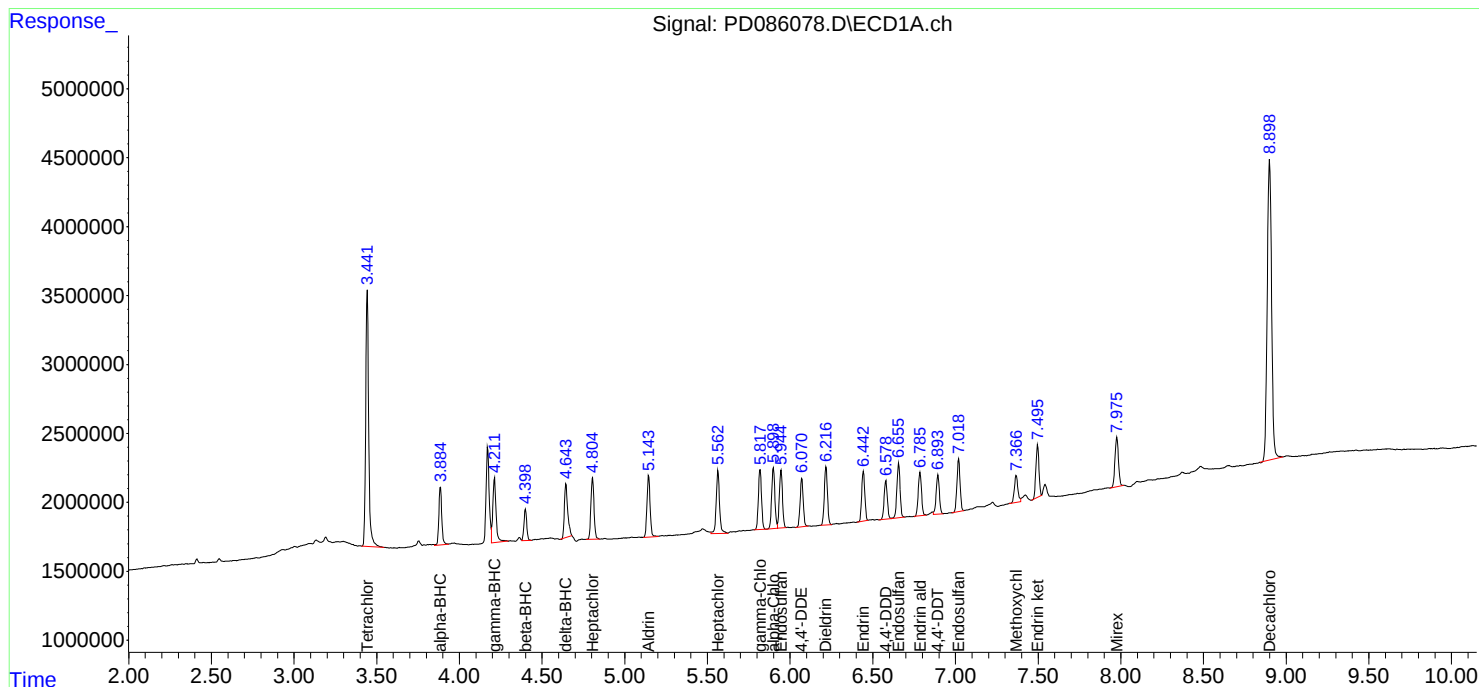
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

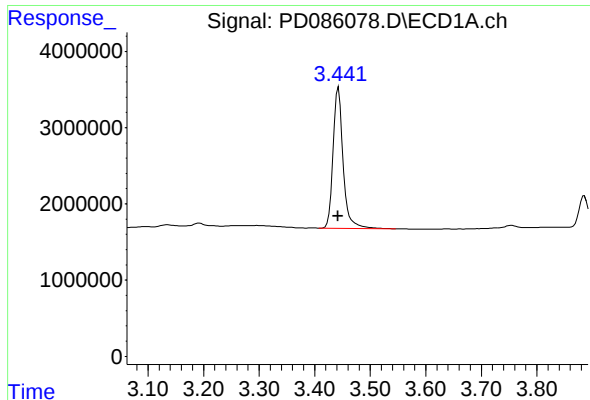
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101624\
Data File : PD086078.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Oct 2024 11:44
Operator : AR\AJ
Sample : P4368-01
Misc : PEST LOD 2.5PPB SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_D
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LOD-MDL-SOIL-01-QT4-2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 12:08:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101124.M
Quant Title : GC Extractables
QLast Update : Fri Oct 11 13:57:25 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

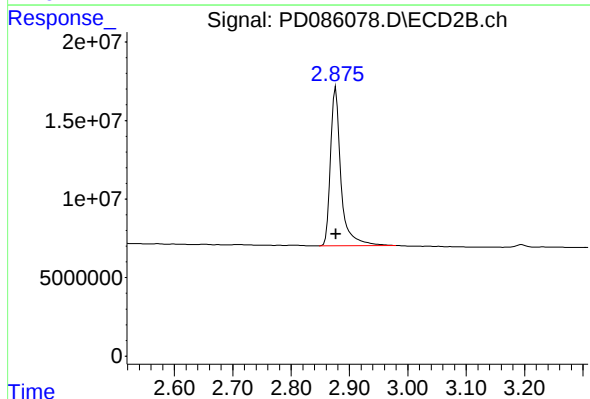




#1 Tetrachloro-m-xylene

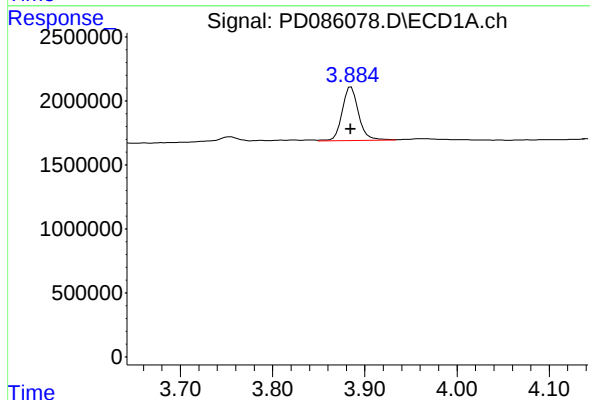
R.T.: 3.443 min
Delta R.T.: 0.000 min
Response: 23148390
Conc: 19.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



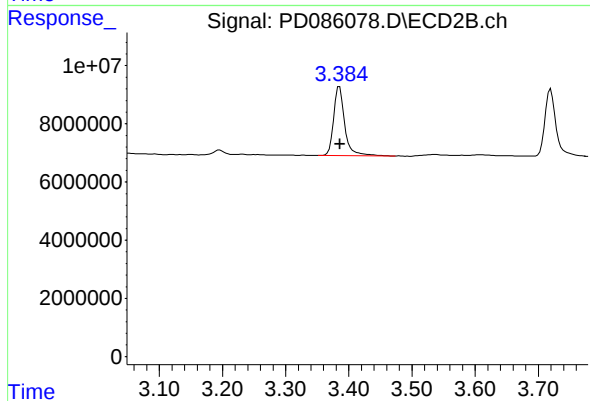
#1 Tetrachloro-m-xylene

R.T.: 2.876 min
Delta R.T.: 0.000 min
Response: 124589145
Conc: 19.96 ng/ml



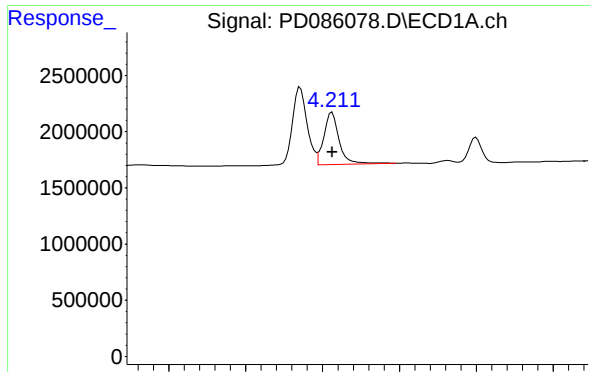
#2 alpha-BHC

R.T.: 3.885 min
Delta R.T.: 0.000 min
Response: 5123358
Conc: 2.37 ng/ml



#2 alpha-BHC

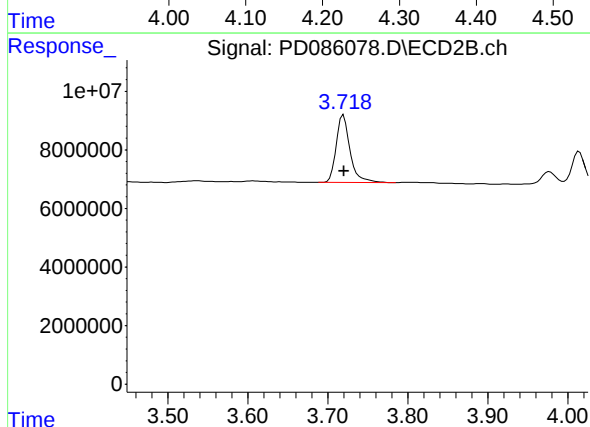
R.T.: 3.385 min
Delta R.T.: 0.000 min
Response: 29035420
Conc: 3.18 ng/ml



#3 gamma-BHC (Lindane)

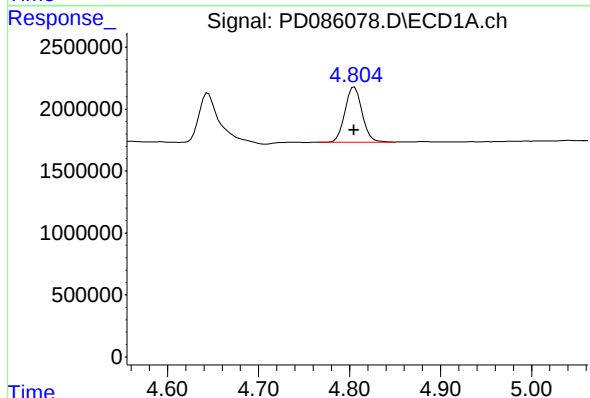
R.T.: 4.213 min
Delta R.T.: 0.000 min
Response: 6395581
Conc: 2.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



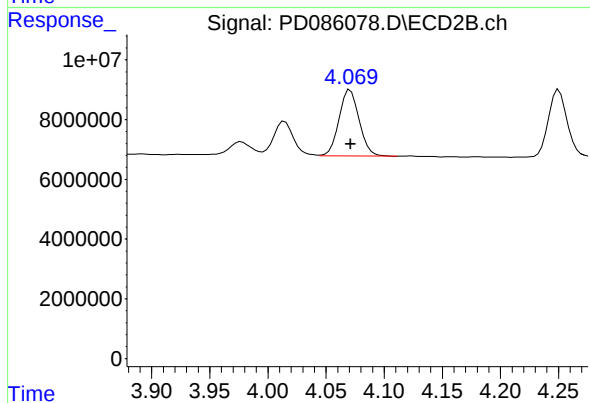
#3 gamma-BHC (Lindane)

R.T.: 3.720 min
Delta R.T.: 0.000 min
Response: 27676902
Conc: 3.23 ng/ml



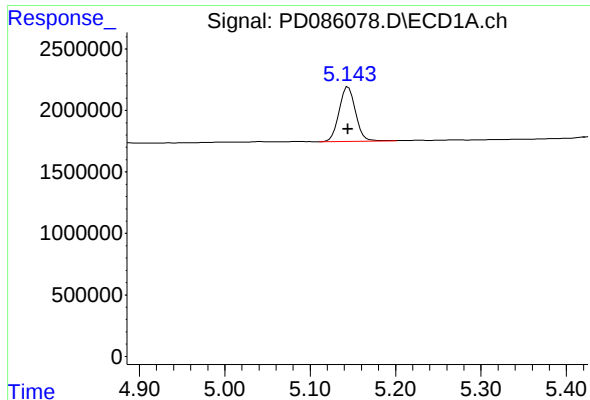
#4 Heptachlor

R.T.: 4.805 min
Delta R.T.: 0.000 min
Response: 5864708
Conc: 2.94 ng/ml



#4 Heptachlor

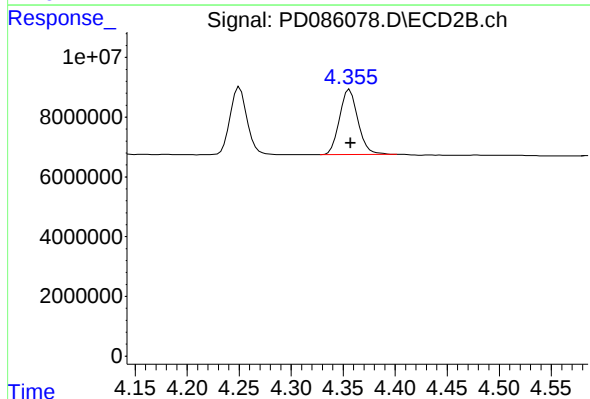
R.T.: 4.071 min
Delta R.T.: 0.000 min
Response: 26682712
Conc: 3.74 ng/ml



#5 Aldrin

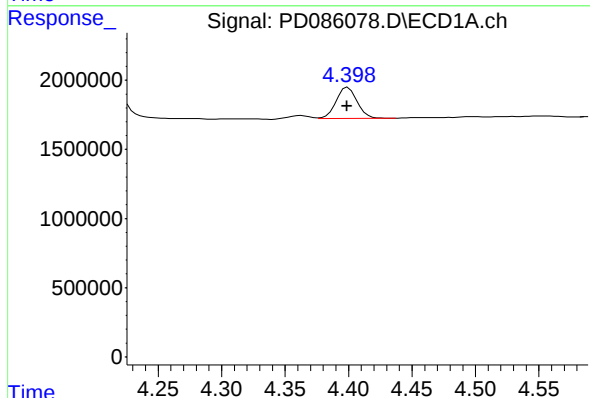
R.T.: 5.145 min
Delta R.T.: 0.000 min
Response: 5904381
Conc: 2.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



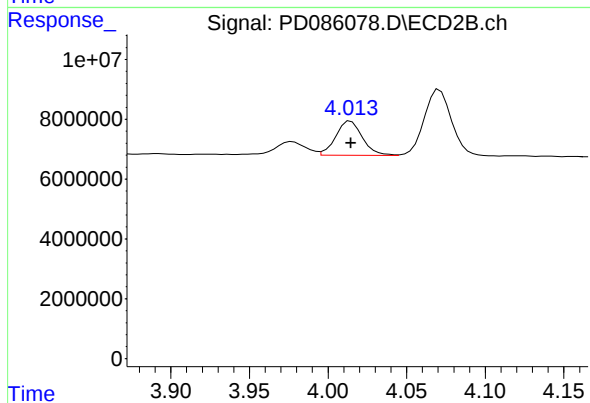
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: -0.001 min
Response: 27061979
Conc: 3.14 ng/ml



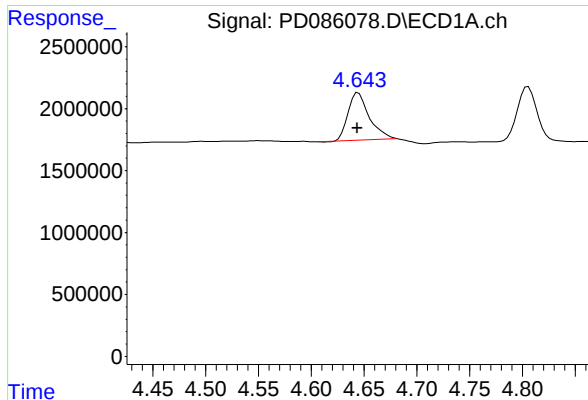
#6 beta-BHC

R.T.: 4.400 min
Delta R.T.: 0.000 min
Response: 2619200
Conc: 2.94 ng/ml



#6 beta-BHC

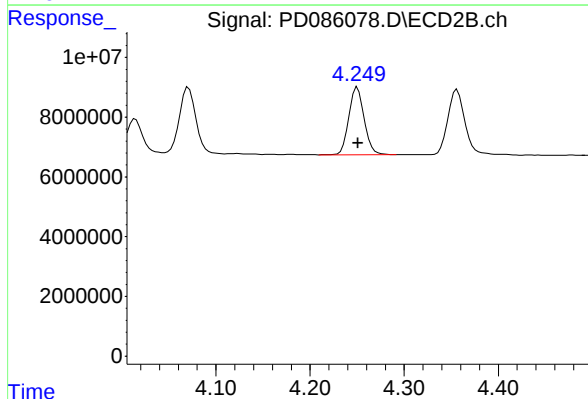
R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 13449382
Conc: 3.64 ng/ml



#7 delta-BHC

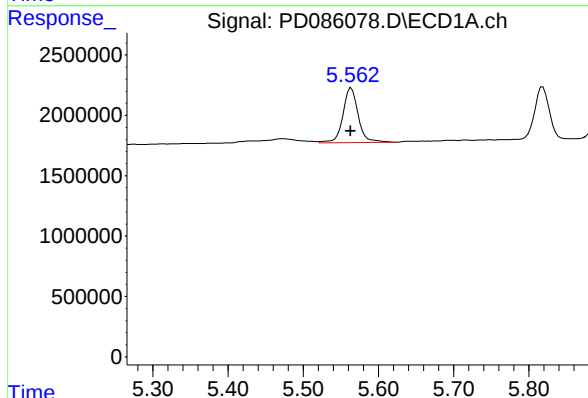
R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 5374987
Conc: 2.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



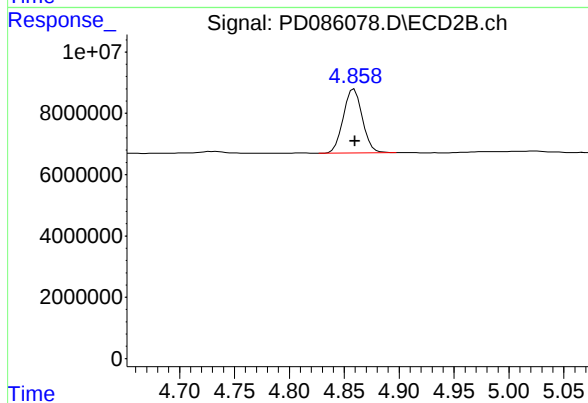
#7 delta-BHC

R.T.: 4.250 min
Delta R.T.: 0.000 min
Response: 25808954
Conc: 3.12 ng/ml



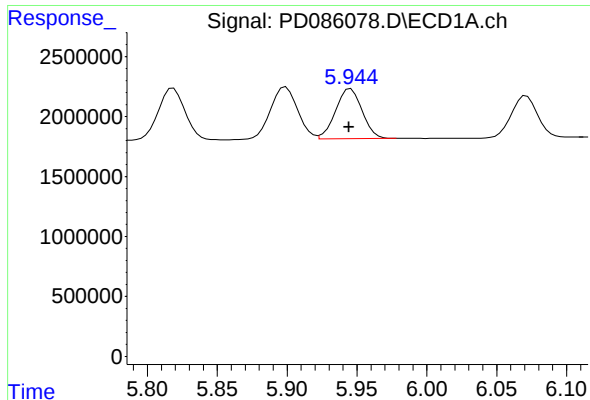
#8 Heptachlor epoxide

R.T.: 5.564 min
Delta R.T.: 0.000 min
Response: 6406653
Conc: 3.07 ng/ml



#8 Heptachlor epoxide

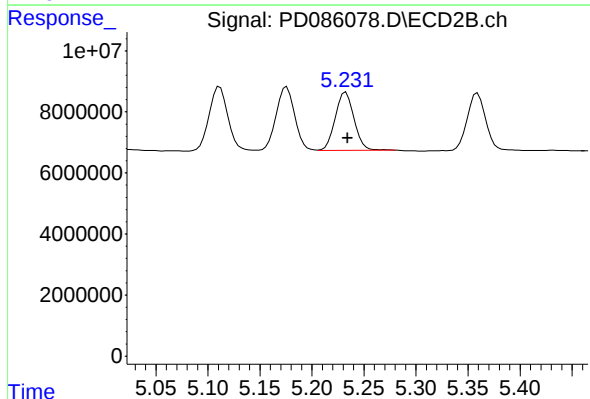
R.T.: 4.859 min
Delta R.T.: 0.000 min
Response: 25302689
Conc: 3.38 ng/ml



#9 Endosulfan I

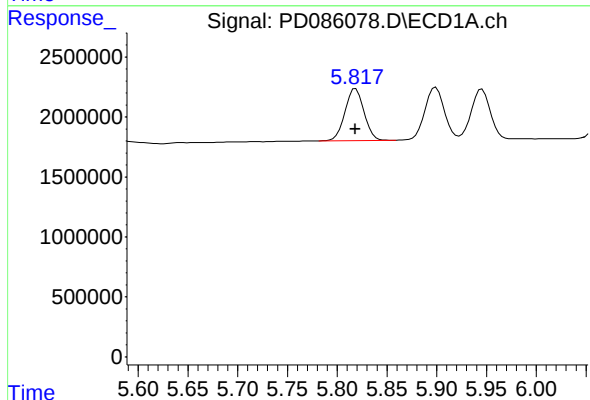
R.T.: 5.945 min
Delta R.T.: 0.001 min
Response: 5536148
Conc: 2.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



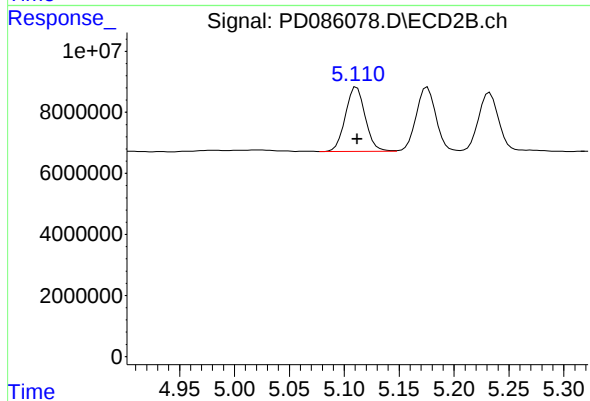
#9 Endosulfan I

R.T.: 5.233 min
Delta R.T.: -0.002 min
Response: 23940302
Conc: 3.49 ng/ml



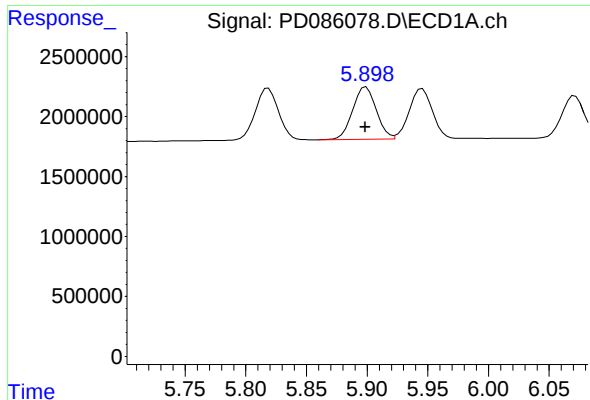
#10 gamma-Chlordane

R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 5756925
Conc: 2.86 ng/ml



#10 gamma-Chlordane

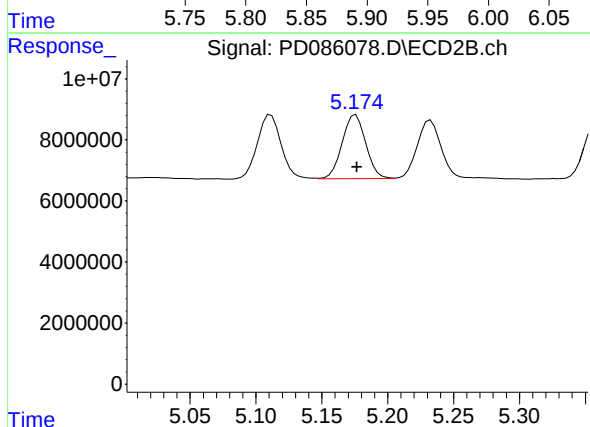
R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 26430189
Conc: 3.50 ng/ml



#11 alpha-Chlordane

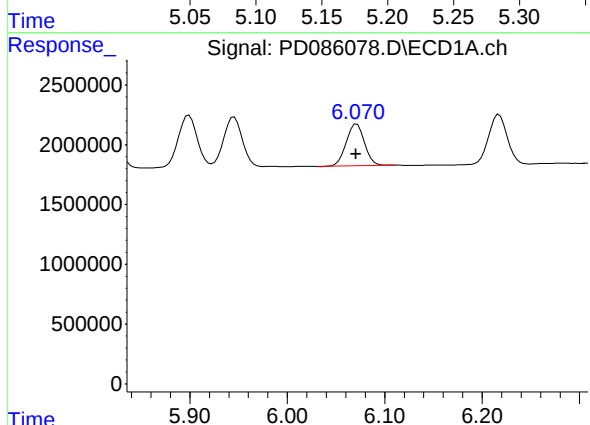
R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 5932930
Conc: 2.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



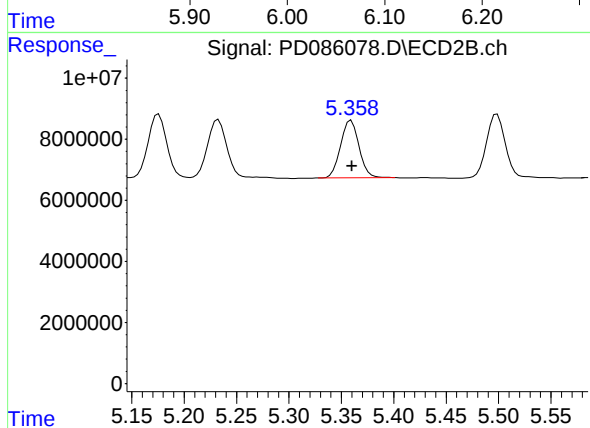
#11 alpha-Chlordane

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 25927488
Conc: 3.44 ng/ml



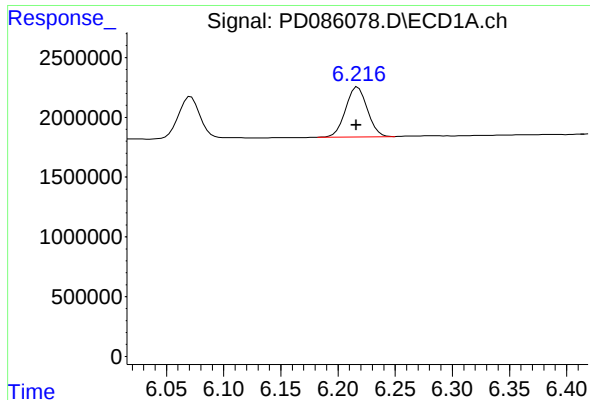
#12 4,4'-DDE

R.T.: 6.071 min
Delta R.T.: 0.001 min
Response: 4594883
Conc: 2.65 ng/ml



#12 4,4'-DDE

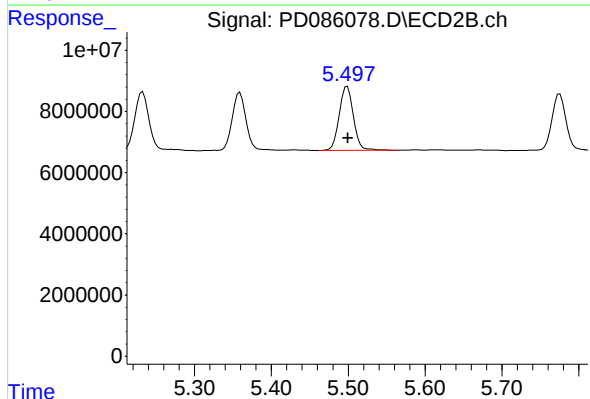
R.T.: 5.359 min
Delta R.T.: -0.001 min
Response: 23141119
Conc: 3.41 ng/ml



#13 Dieldrin

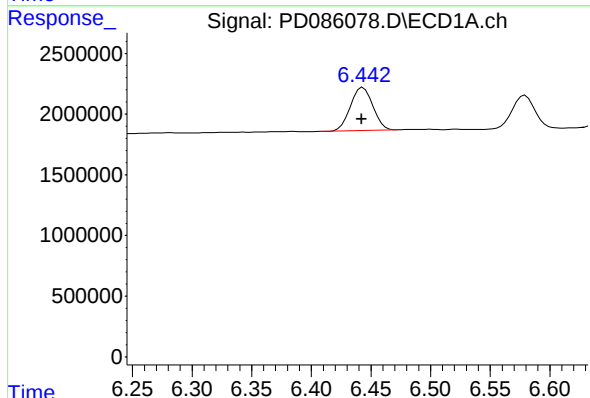
R.T.: 6.217 min
Delta R.T.: 0.001 min
Response: 5526058
Conc: 2.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



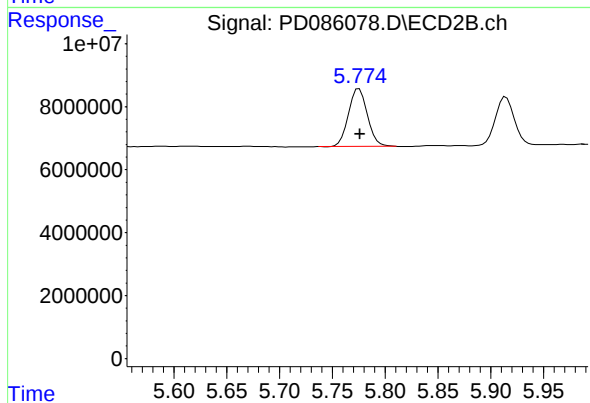
#13 Dieldrin

R.T.: 5.499 min
Delta R.T.: 0.000 min
Response: 26438941
Conc: 3.49 ng/ml



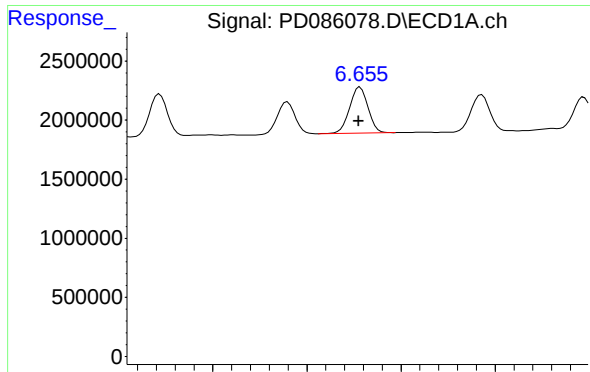
#14 Endrin

R.T.: 6.443 min
Delta R.T.: 0.001 min
Response: 4642833
Conc: 2.73 ng/ml



#14 Endrin

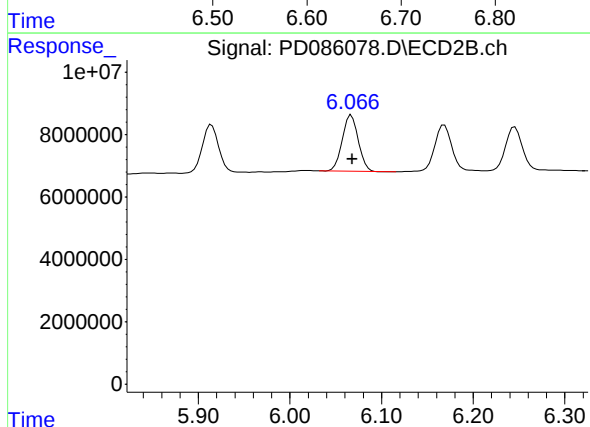
R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 22975582
Conc: 3.69 ng/ml



#15 Endosulfan II

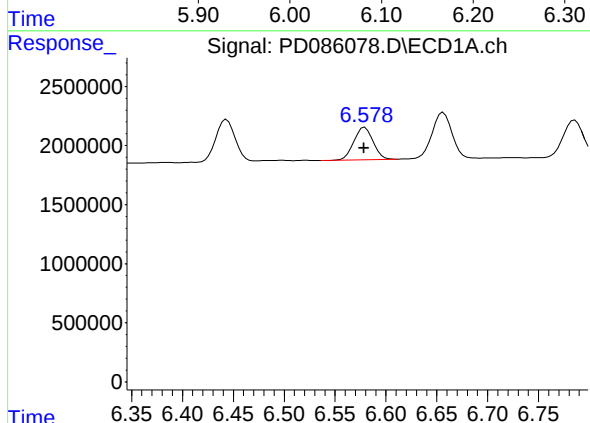
R.T.: 6.657 min
Delta R.T.: 0.002 min
Response: 5350817
Conc: 2.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



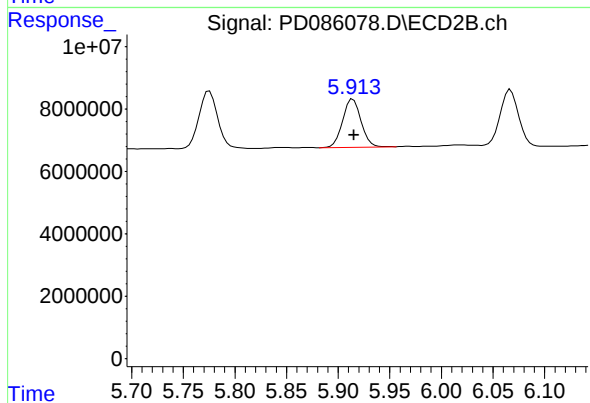
#15 Endosulfan II

R.T.: 6.067 min
Delta R.T.: -0.001 min
Response: 22036045
Conc: 3.48 ng/ml



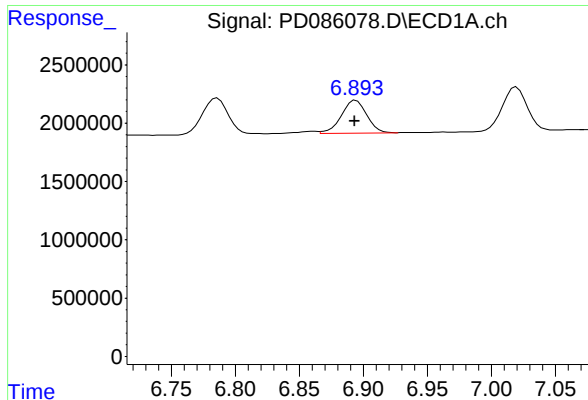
#16 4,4'-DDD

R.T.: 6.579 min
Delta R.T.: 0.001 min
Response: 3645377
Conc: 2.67 ng/ml



#16 4,4'-DDD

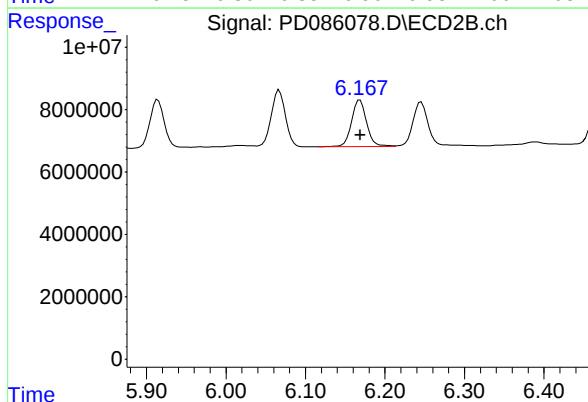
R.T.: 5.914 min
Delta R.T.: 0.000 min
Response: 19165893
Conc: 3.69 ng/ml



#17 4,4'-DDT

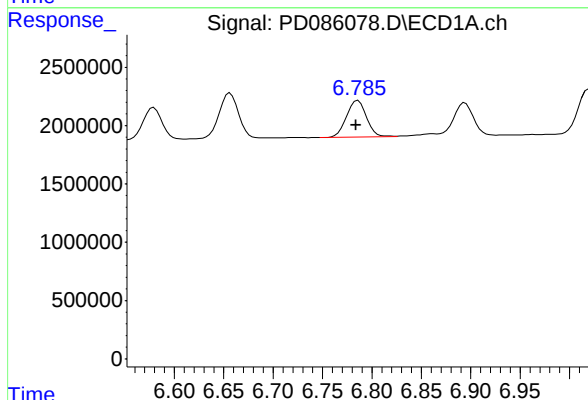
R.T.: 6.894 min
Delta R.T.: 0.000 min
Response: 3868303
Conc: 2.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



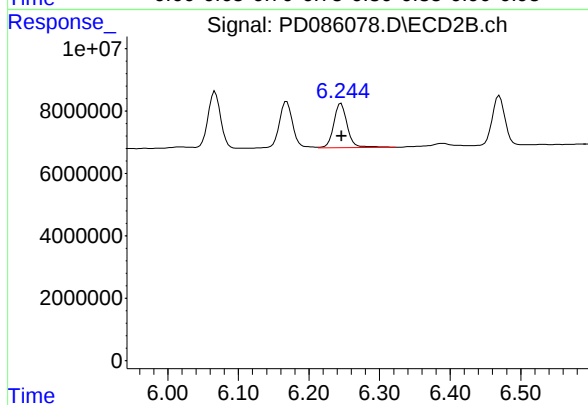
#17 4,4'-DDT

R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 19726626
Conc: 3.74 ng/ml



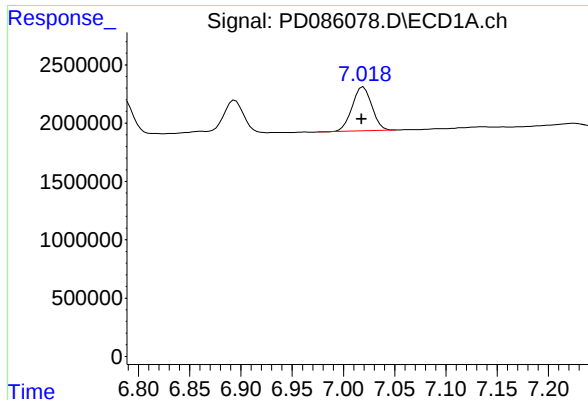
#18 Endrin aldehyde

R.T.: 6.786 min
Delta R.T.: 0.002 min
Response: 4364957
Conc: 2.89 ng/ml



#18 Endrin aldehyde

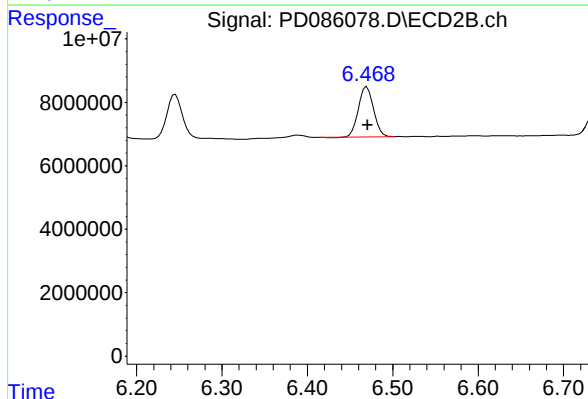
R.T.: 6.245 min
Delta R.T.: -0.001 min
Response: 19145806
Conc: 3.65 ng/ml



#19 Endosulfan Sulfate

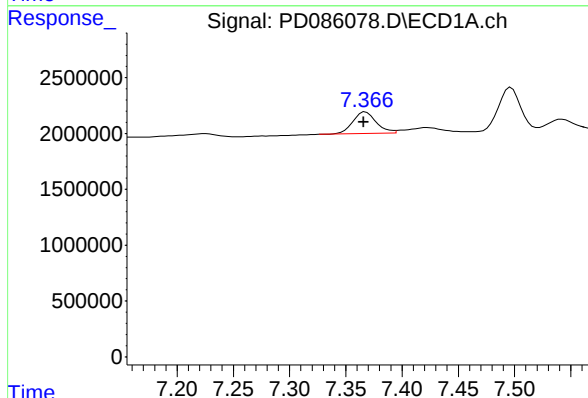
R.T.: 7.019 min
Delta R.T.: 0.002 min
Response: 5050723
Conc: 2.91 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



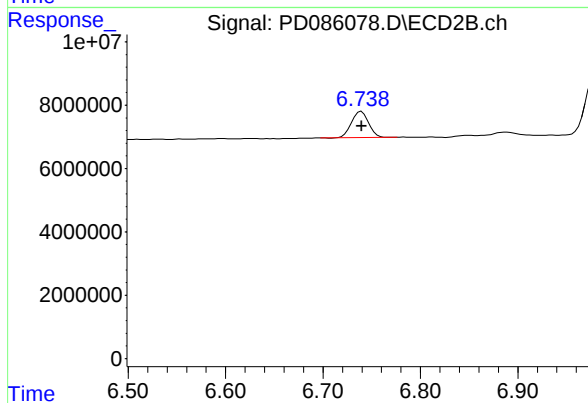
#19 Endosulfan Sulfate

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 19411697
Conc: 3.45 ng/ml



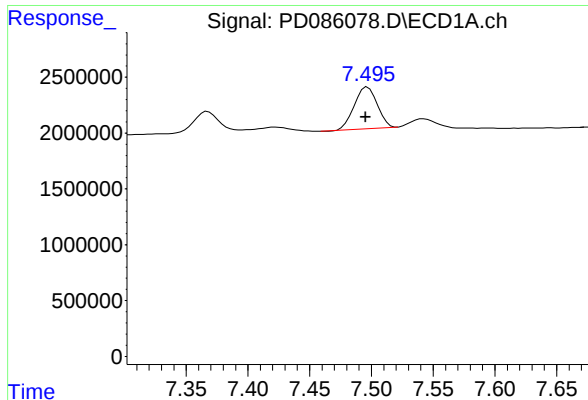
#20 Methoxychlor

R.T.: 7.368 min
Delta R.T.: 0.002 min
Response: 2826655
Conc: 3.14 ng/ml



#20 Methoxychlor

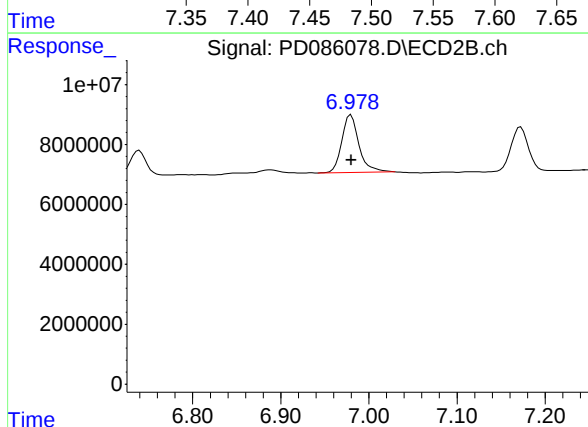
R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 10167805
Conc: 3.80 ng/ml



#21 Endrin ketone

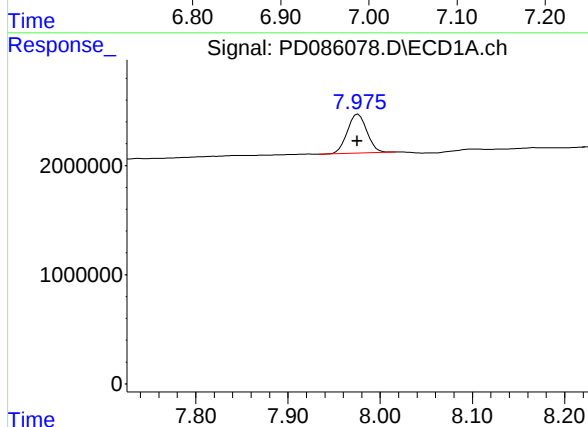
R.T.: 7.497 min
Delta R.T.: 0.001 min
Response: 4852200
Conc: 2.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



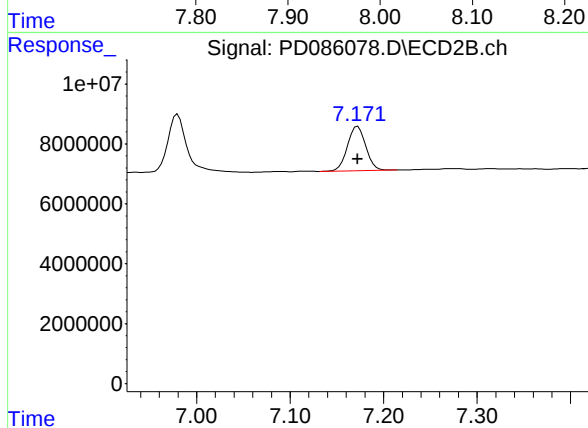
#21 Endrin ketone

R.T.: 6.980 min
Delta R.T.: 0.000 min
Response: 26081123
Conc: 3.77 ng/ml



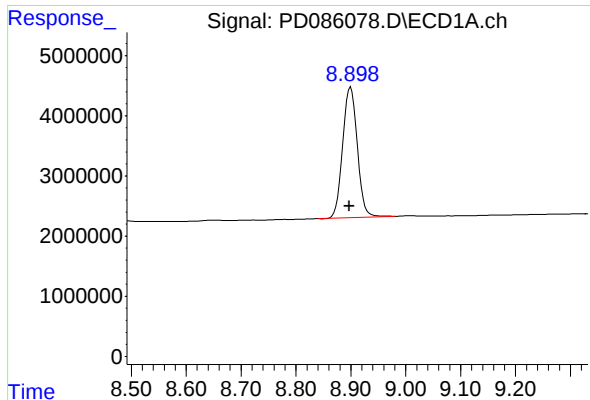
#22 Mirex

R.T.: 7.976 min
Delta R.T.: 0.001 min
Response: 5266234
Conc: 3.11 ng/ml



#22 Mirex

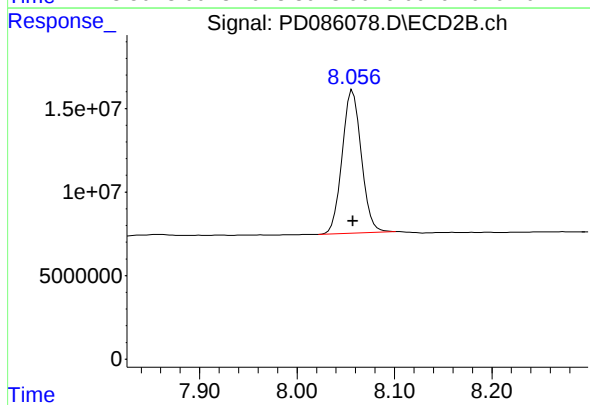
R.T.: 7.172 min
Delta R.T.: 0.000 min
Response: 20169874
Conc: 3.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.900 min
Delta R.T.: 0.002 min
Response: 40213578
Conc: 18.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2024



#28 Decachlorobiphenyl

R.T.: 8.057 min
Delta R.T.: 0.000 min
Response: 117241226
Conc: 22.01 ng/ml