

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042125\
 Data File : PD088161.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2025 14:20
 Operator : AR\AJ
 Sample : Q1830-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SOIL-1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 21 22:43:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 2025
 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...	3.551	2.883	22361271	172.8E6	11.195	11.815
28)	SA Decachlor...	9.073	8.076	37112817	195.7E6	11.219	10.593
Target Compounds							
2)	A alpha-BHC	0.000	3.384	0	1096077	N.D.	0.048 #
3)	MA gamma-BHC...	4.336	3.720	4140474	4181011	0.989	0.194 #
4)	MA Heptachlor	4.955f	4.102f	3829758	8555976	0.948	0.400 #
5)	MB Aldrin	5.294f	4.373	1218777	15699996	0.309	0.755 #
6)	B beta-BHC	4.549f	4.037	3615962	40629038	2.227	4.390 #
7)	B delta-BHC	4.779	4.250f	5204366	7696292	1.262	0.362 #
8)	B Heptachlo...	5.686	4.872	2891153	7644979	0.809	0.405 #
9)	A Endosulfan I	0.000	5.274f	0	23929044	N.D.	1.328 #
10)	B gamma-Chl...	5.947	5.153f	6773927	141.1E6	1.870	6.954 #
11)	B alpha-Chl...	6.032	5.192	13989898	98316535	3.876	5.015 #
12)	B 4,4'-DDE	6.197	5.378	14502272	114.9E6	4.397	5.837 #
13)	MA Dieldrin	6.350	5.512	-492098	83530187	N.D.	4.191
14)	MA Endrin	6.574	5.796	4688772	28807825	1.572	1.583
15)	B Endosulfa...	6.795	6.071	545190	42419136	0.174	2.421 #
16)	A 4,4'-DDD	6.706	5.932	14647036	58088156	5.824	3.545 #
17)	MA 4,4'-DDT	7.020	6.184	21854766	154.8E6	7.868	9.098
18)	B Endrin al...	6.903	6.282f	308253	14767023	0.134	1.110 #
19)	B Endosulfa...	7.141	6.484	1186649	14279988	0.413	0.833 #
20)	A Methoxychlor	0.000	6.739f	0	25554669	N.D.	2.802 #
21)	B Endrin ke...	7.618	6.989	3870731	739737	1.254	0.040 #
22)	Mirex	8.115	7.187	200492	3230325	0.085	0.218 #
23)	Chlordane-1	4.716	3.907	1202460	75628945	7.237	94.336 #
24)	Chlordane-2	5.239	4.485	6532029	16113429	39.225	19.524 #
25)	Chlordane-3	5.947	5.153f	6773927	141.1E6	10.042	55.809 #
26)	Chlordane-4	6.032	5.192	13989898	98316535	17.159	45.982 #
27)	Chlordane-5	0.000	6.071f	0	42419136	N.D.	43.934 #

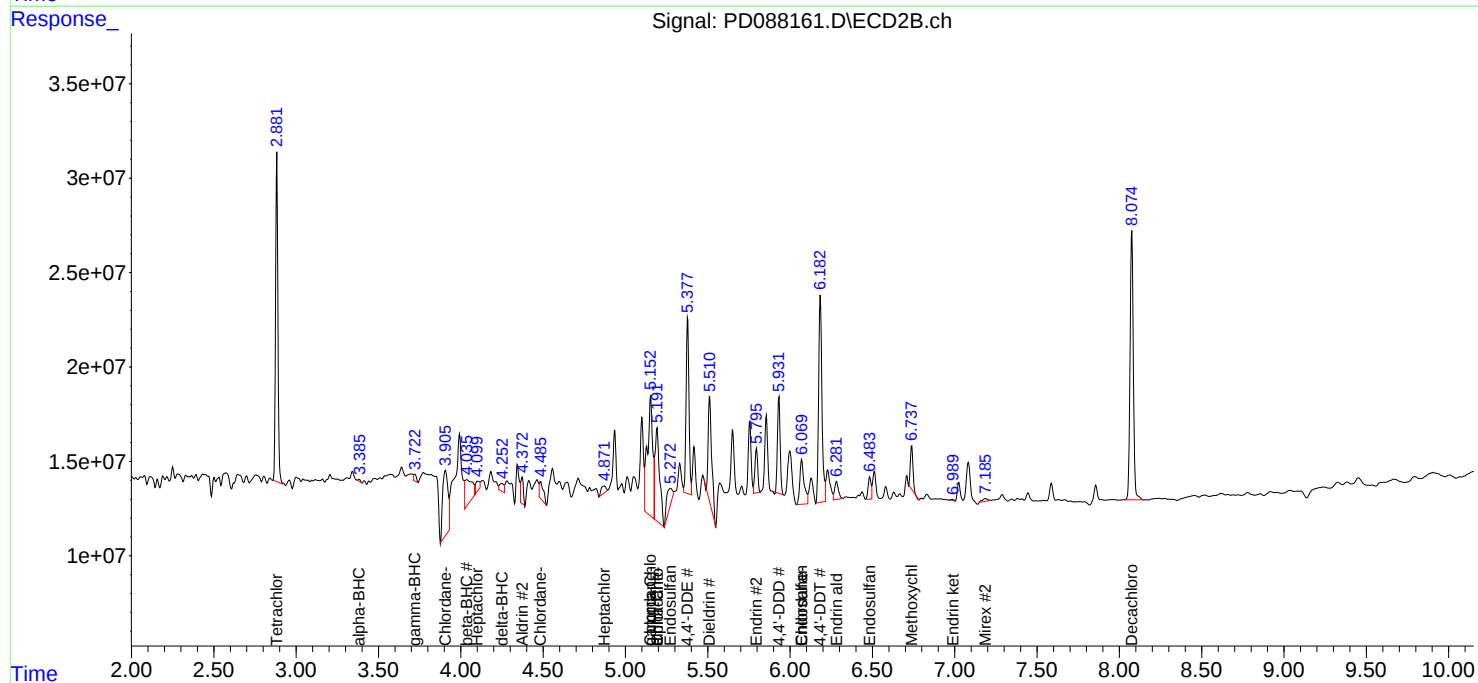
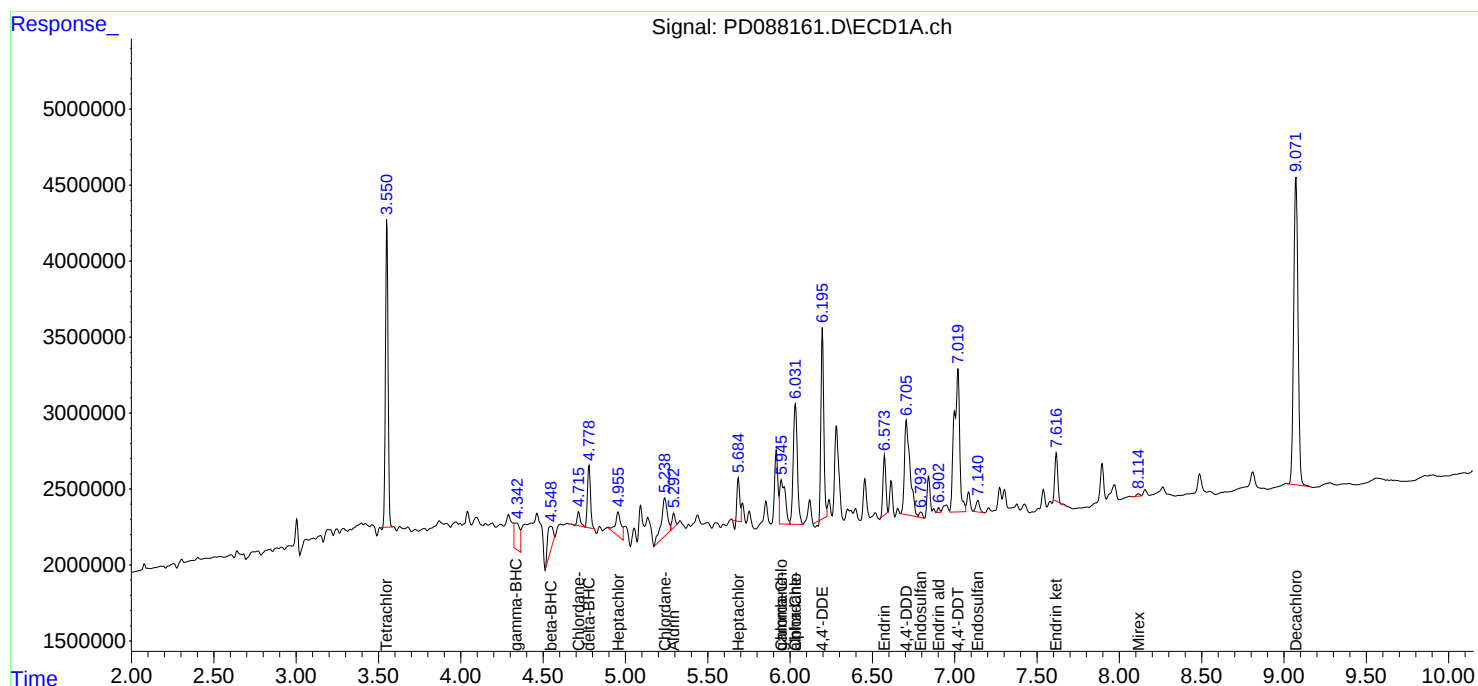
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

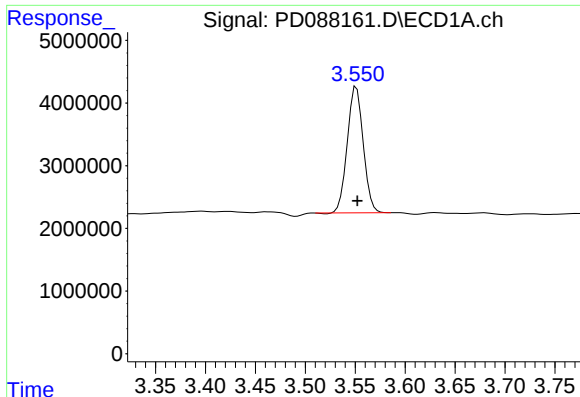
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042125\
Data File : PD088161.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Apr 2025 14:20
Operator : AR\AJ
Sample : Q1830-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
SOIL-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 21 22:43:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 2025
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

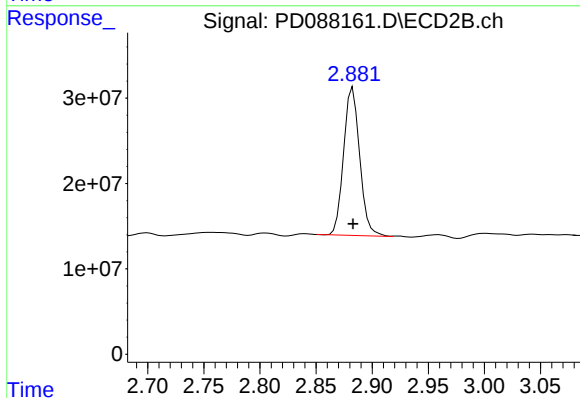




#1 Tetrachloro-m-xylene

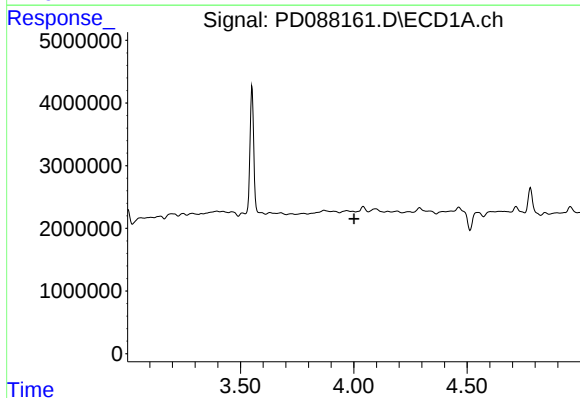
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 22361271
Conc: 11.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-1



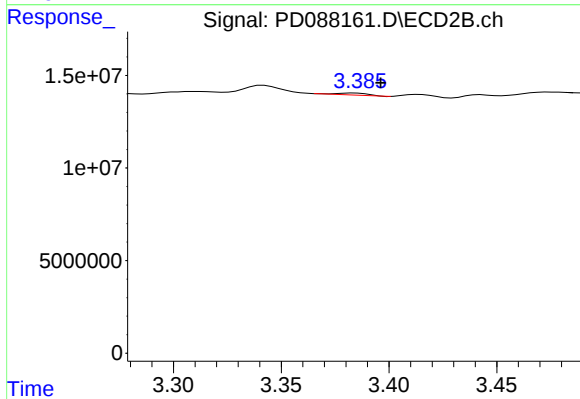
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 172757397
Conc: 11.82 ng/ml



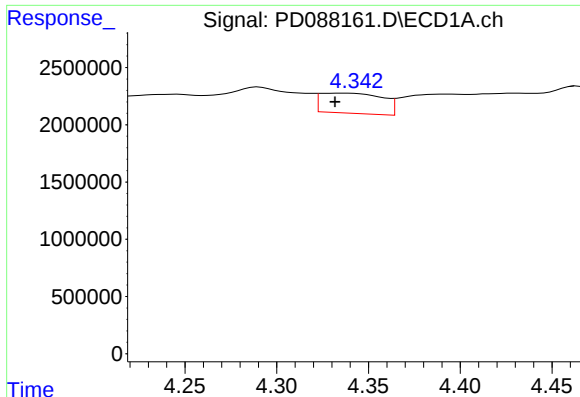
#2 alpha-BHC

R.T.: 0.000 min
Exp R.T. : 4.001 min
Response: 0
Conc: N.D.



#2 alpha-BHC

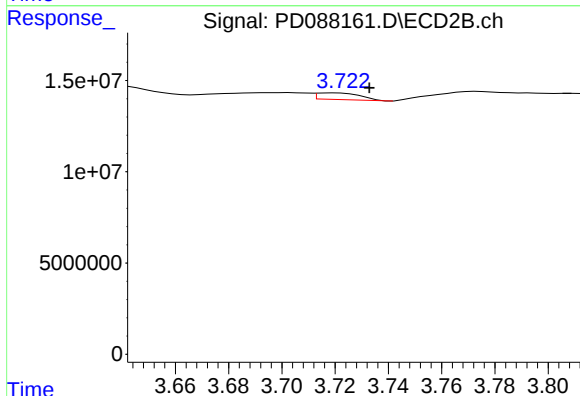
R.T.: 3.384 min
Delta R.T.: -0.012 min
Response: 1096077
Conc: 0.05 ng/ml



#3 gamma-BHC (Lindane)

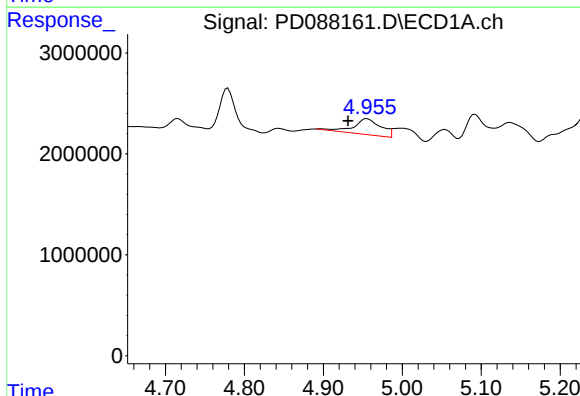
R.T.: 4.336 min
Delta R.T.: 0.004 min
Response: 4140474
Conc: 0.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-1



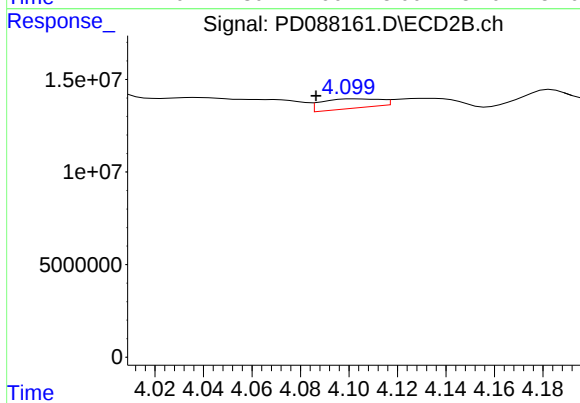
#3 gamma-BHC (Lindane)

R.T.: 3.720 min
Delta R.T.: -0.013 min
Response: 4181011
Conc: 0.19 ng/ml



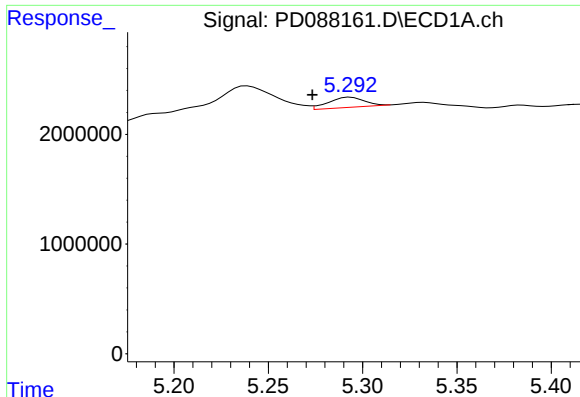
#4 Heptachlor

R.T.: 4.955 min
Delta R.T.: 0.024 min
Response: 3829758
Conc: 0.95 ng/ml



#4 Heptachlor

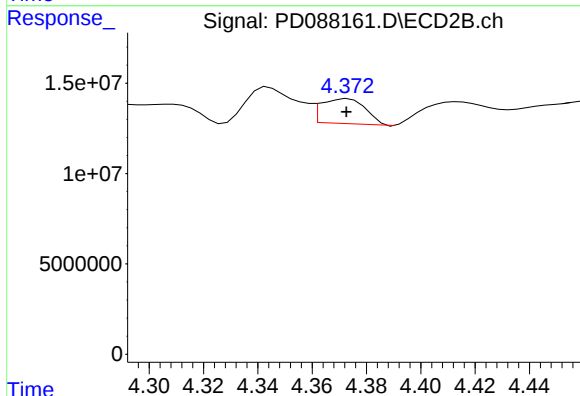
R.T.: 4.102 min
Delta R.T.: 0.015 min
Response: 8555976
Conc: 0.40 ng/ml



#5 Aldrin

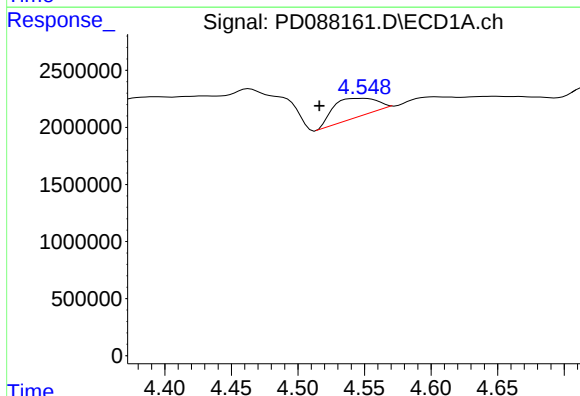
R.T.: 5.294 min
Delta R.T.: 0.020 min
Response: 1218777
Conc: 0.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-1



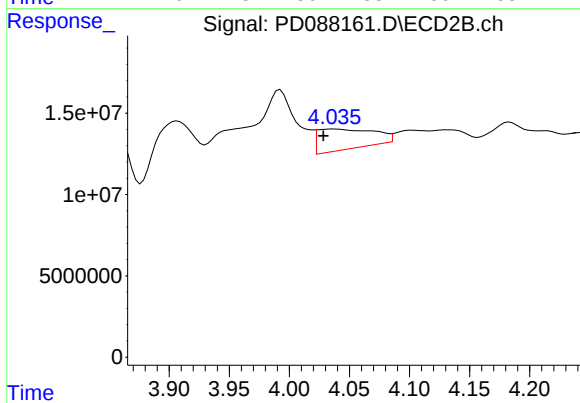
#5 Aldrin

R.T.: 4.373 min
Delta R.T.: 0.000 min
Response: 15699996
Conc: 0.75 ng/ml



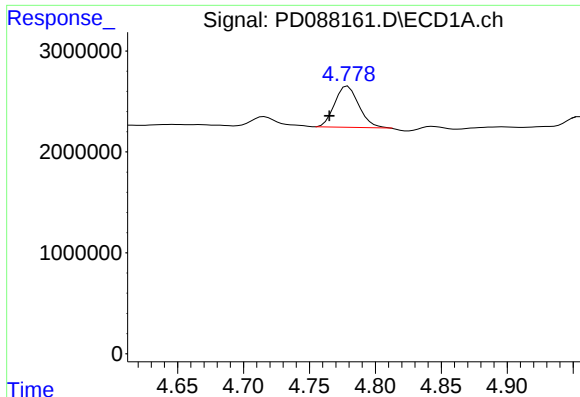
#6 beta-BHC

R.T.: 4.549 min
Delta R.T.: 0.033 min
Response: 3615962
Conc: 2.23 ng/ml



#6 beta-BHC

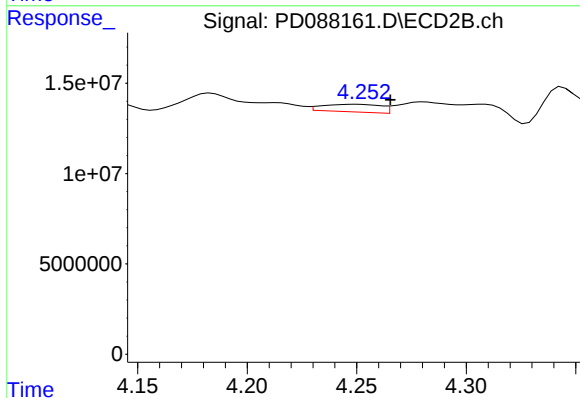
R.T.: 4.037 min
Delta R.T.: 0.008 min
Response: 40629038
Conc: 4.39 ng/ml



#7 delta-BHC

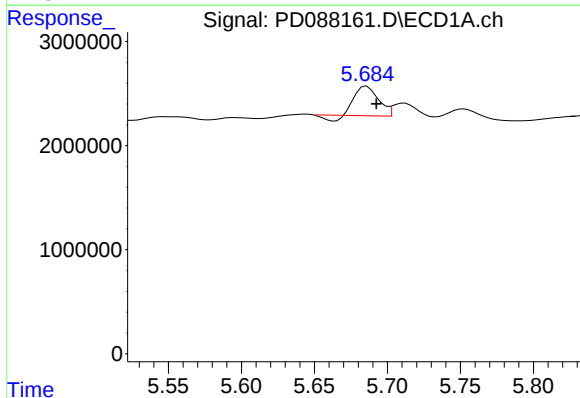
R.T.: 4.779 min
Delta R.T.: 0.014 min
Response: 5204366
Conc: 1.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-1



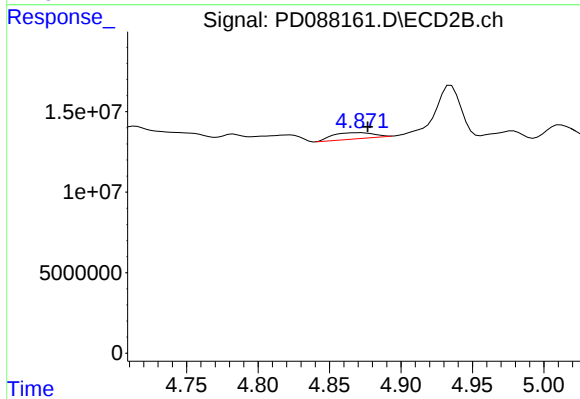
#7 delta-BHC

R.T.: 4.250 min
Delta R.T.: -0.015 min
Response: 7696292
Conc: 0.36 ng/ml



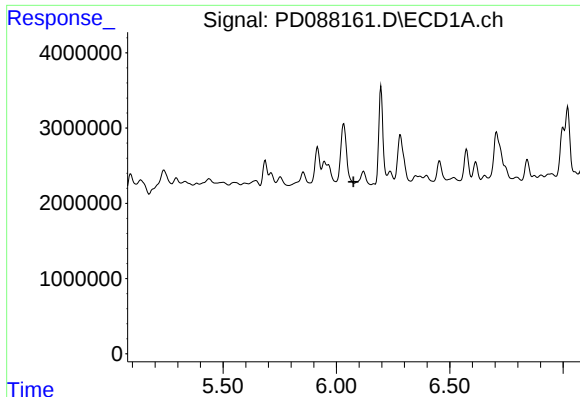
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: -0.007 min
Response: 2891153
Conc: 0.81 ng/ml



#8 Heptachlor epoxide

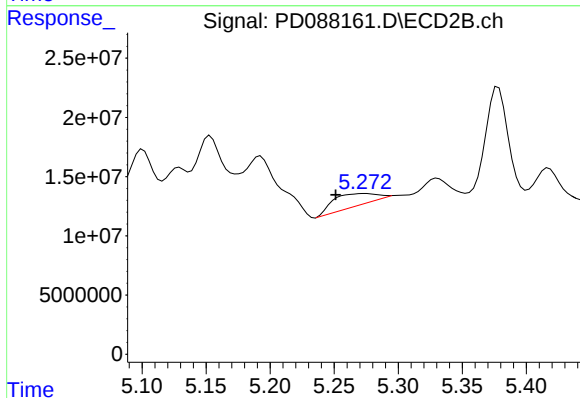
R.T.: 4.872 min
Delta R.T.: -0.005 min
Response: 7644979
Conc: 0.40 ng/ml



#9 Endosulfan I

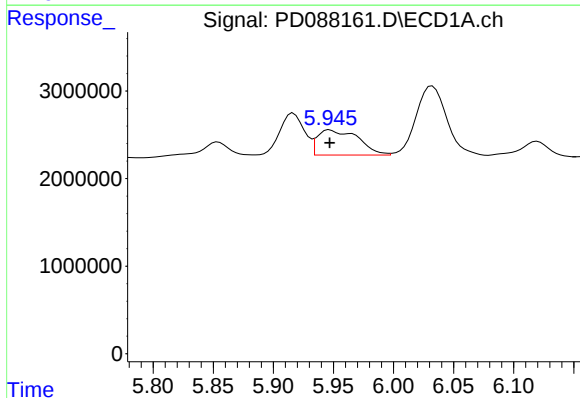
R.T.: 0.000 min
Exp R.T.: 6.076 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
SOIL-1



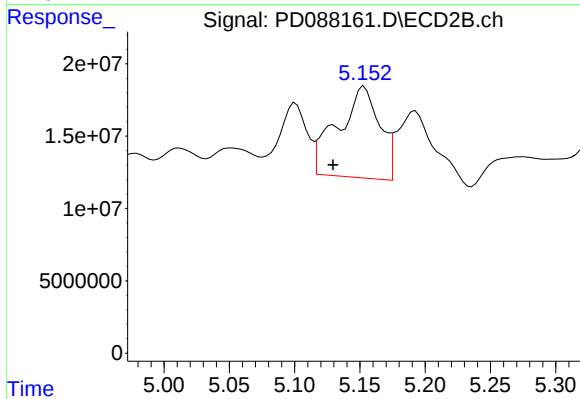
#9 Endosulfan I

R.T.: 5.274 min
Delta R.T.: 0.023 min
Response: 23929044
Conc: 1.33 ng/ml



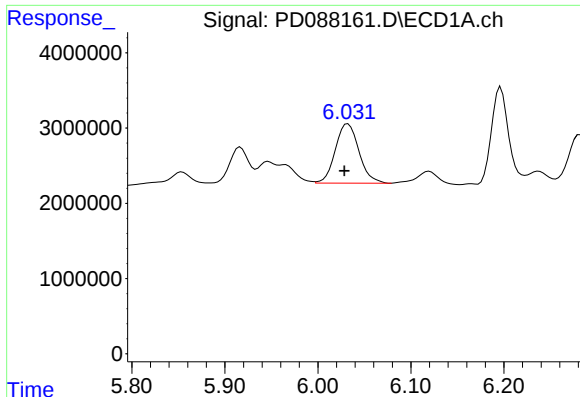
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 6773927
Conc: 1.87 ng/ml



#10 gamma-Chlordane

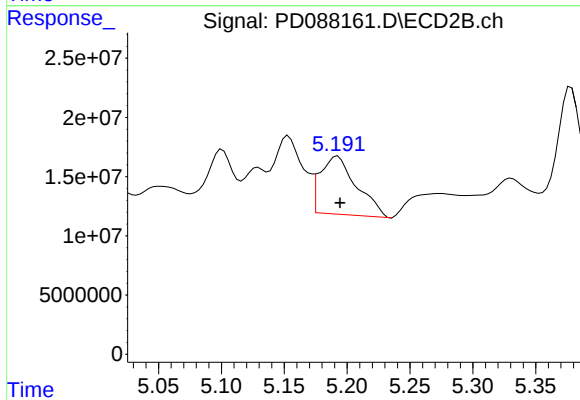
R.T.: 5.153 min
Delta R.T.: 0.024 min
Response: 141142785
Conc: 6.95 ng/ml



#11 alpha-Chlordane

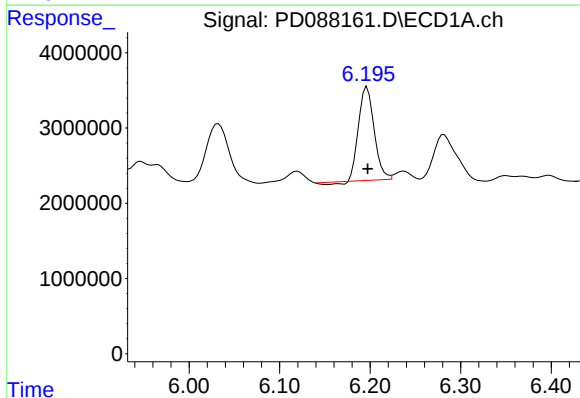
R.T.: 6.032 min
Delta R.T.: 0.004 min
Response: 13989898
Conc: 3.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-1



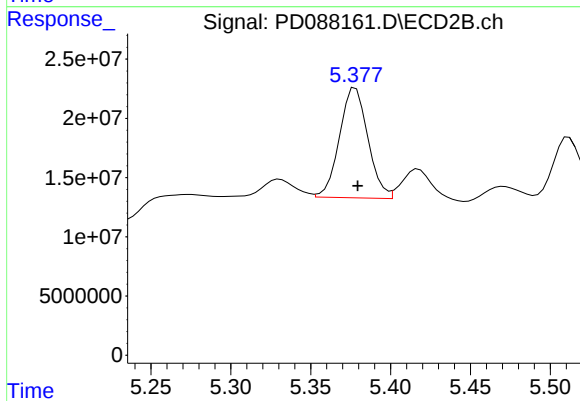
#11 alpha-Chlordane

R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 98316535
Conc: 5.02 ng/ml



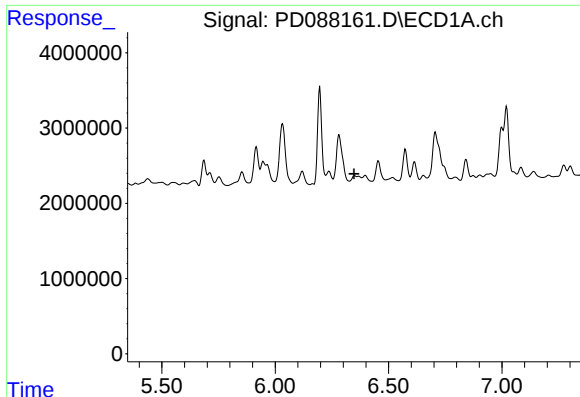
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 14502272
Conc: 4.40 ng/ml



#12 4,4'-DDE

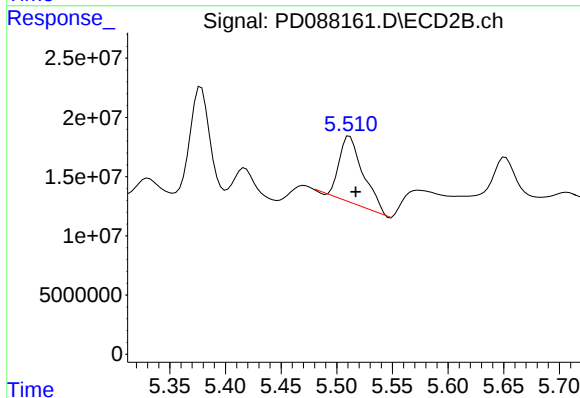
R.T.: 5.378 min
Delta R.T.: -0.001 min
Response: 114947026
Conc: 5.84 ng/ml



#13 Dieldrin

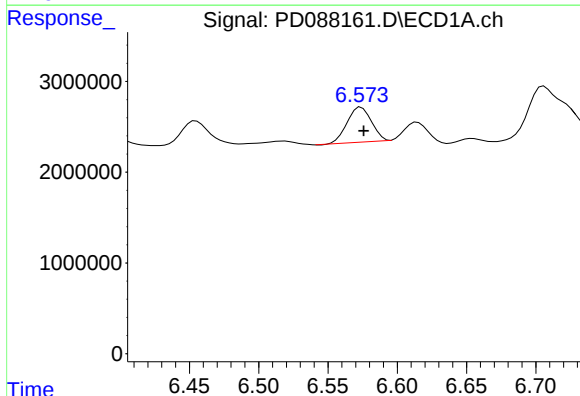
R.T.: 6.350 min
Delta R.T.: 0.002 min
Response: -492098
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
SOIL-1



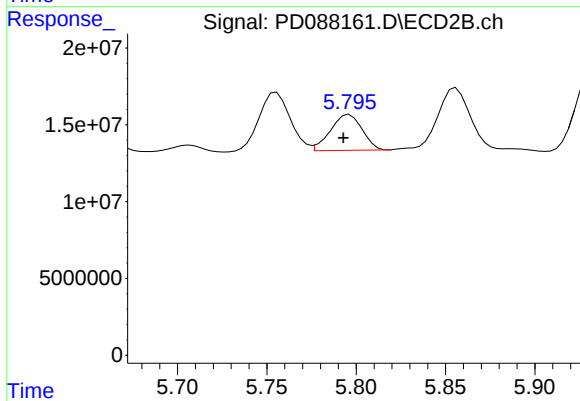
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: -0.005 min
Response: 83530187
Conc: 4.19 ng/ml



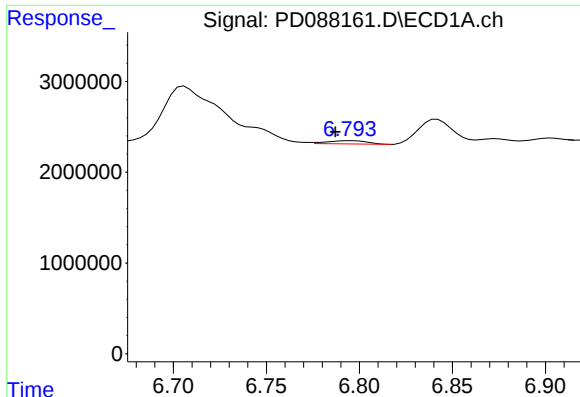
#14 Endrin

R.T.: 6.574 min
Delta R.T.: -0.002 min
Response: 4688772
Conc: 1.57 ng/ml



#14 Endrin

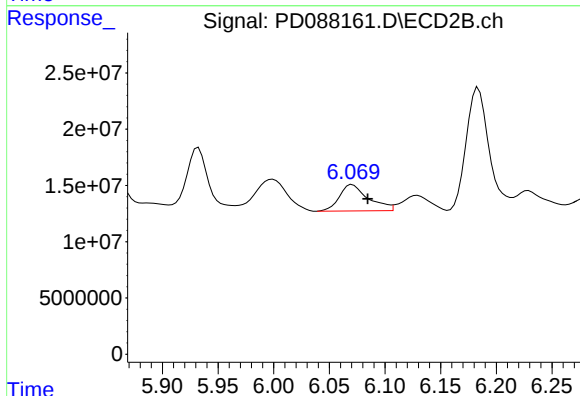
R.T.: 5.796 min
Delta R.T.: 0.003 min
Response: 28807825
Conc: 1.58 ng/ml



#15 Endosulfan II

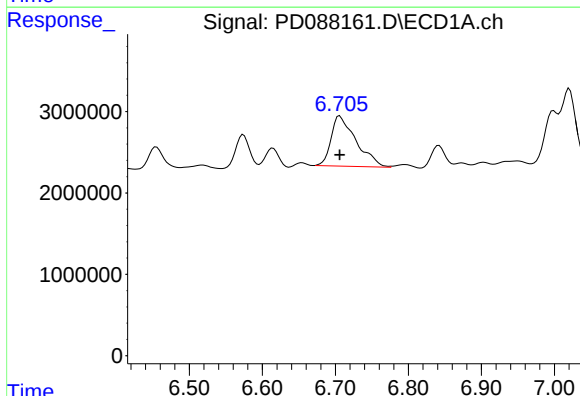
R.T.: 6.795 min
Delta R.T.: 0.008 min
Response: 545190
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-1



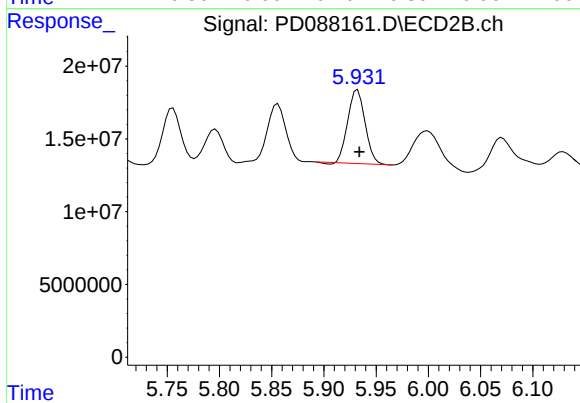
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: -0.014 min
Response: 42419136
Conc: 2.42 ng/ml



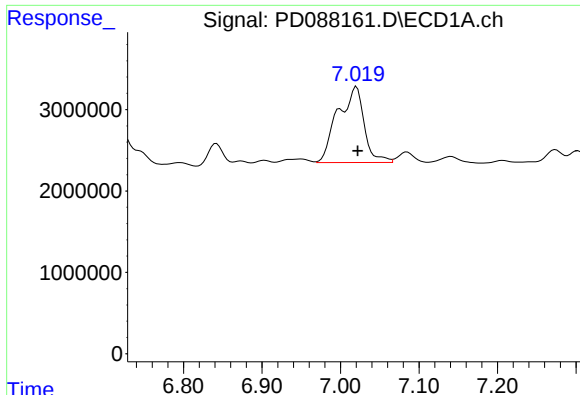
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 14647036
Conc: 5.82 ng/ml



#16 4,4'-DDD

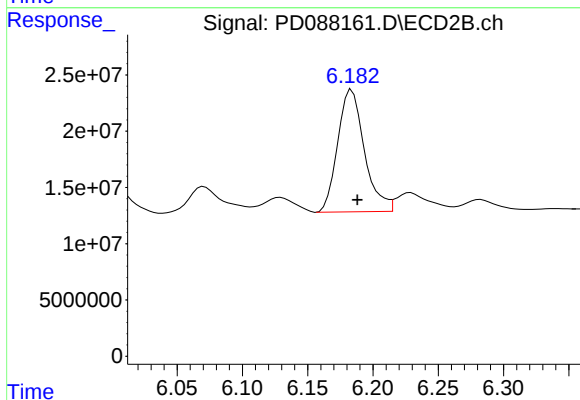
R.T.: 5.932 min
Delta R.T.: -0.002 min
Response: 58088156
Conc: 3.54 ng/ml



#17 4,4'-DDT

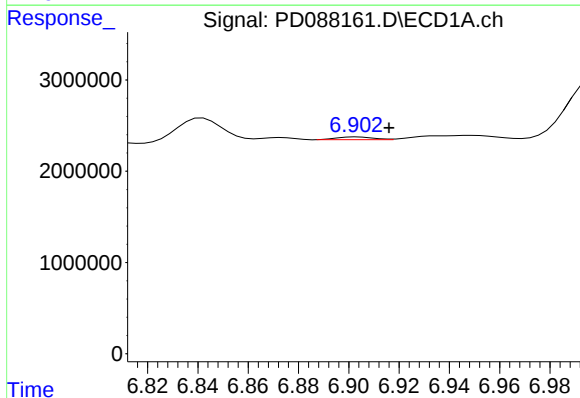
R.T.: 7.020 min
Delta R.T.: -0.002 min
Response: 21854766
Conc: 7.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-1



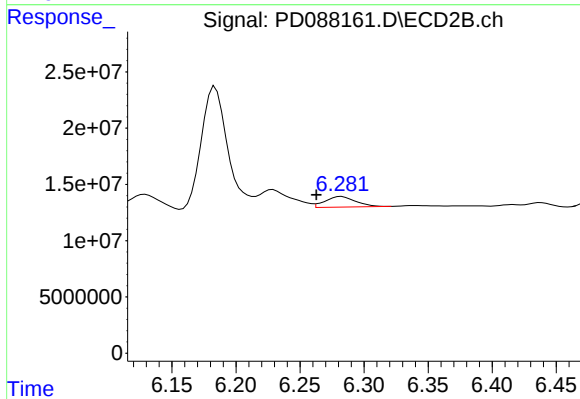
#17 4,4'-DDT

R.T.: 6.184 min
Delta R.T.: -0.004 min
Response: 154818860
Conc: 9.10 ng/ml



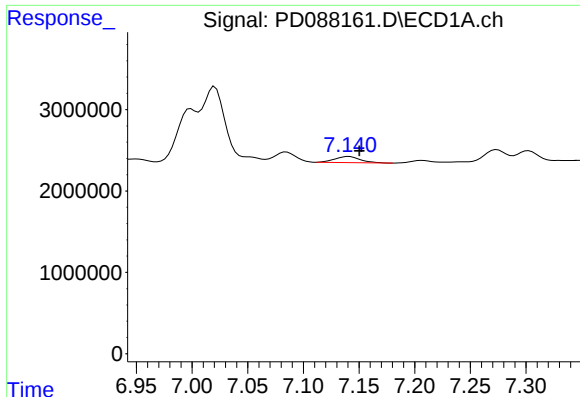
#18 Endrin aldehyde

R.T.: 6.903 min
Delta R.T.: -0.013 min
Response: 308253
Conc: 0.13 ng/ml



#18 Endrin aldehyde

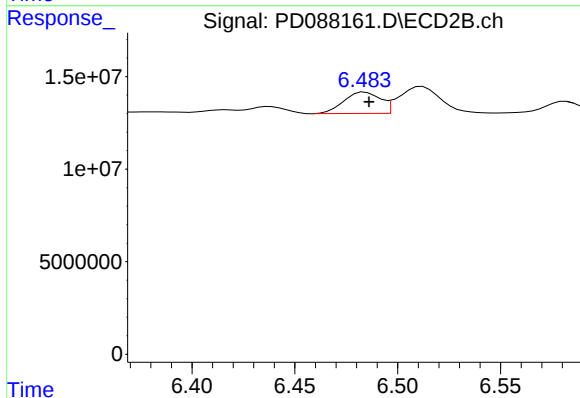
R.T.: 6.282 min
Delta R.T.: 0.019 min
Response: 14767023
Conc: 1.11 ng/ml



#19 Endosulfan Sulfate

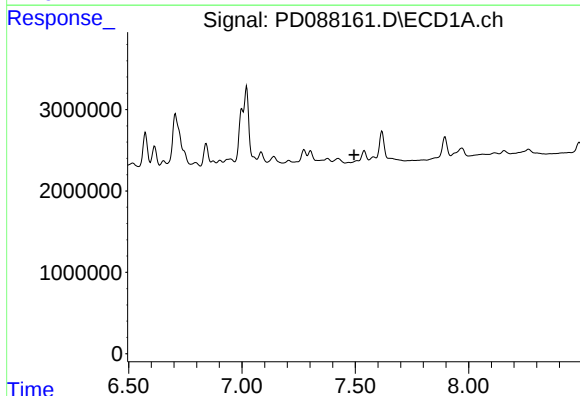
R.T.: 7.141 min
Delta R.T.: -0.009 min
Response: 1186649
Conc: 0.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-1



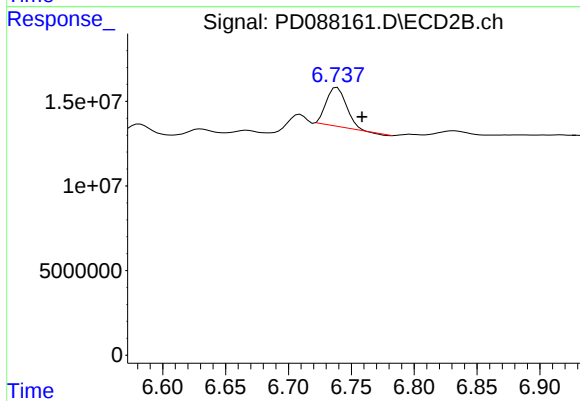
#19 Endosulfan Sulfate

R.T.: 6.484 min
Delta R.T.: -0.002 min
Response: 14279988
Conc: 0.83 ng/ml



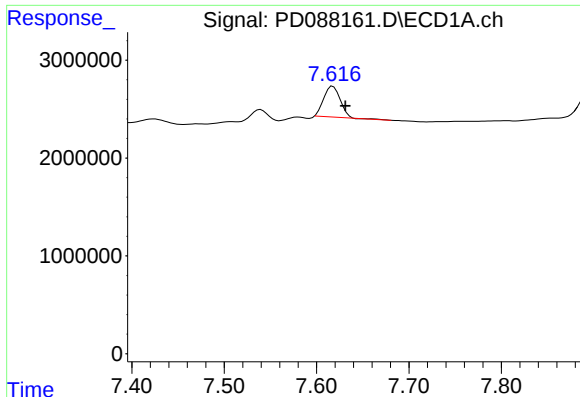
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.495 min
Response: 0
Conc: N.D.



#20 Methoxychlor

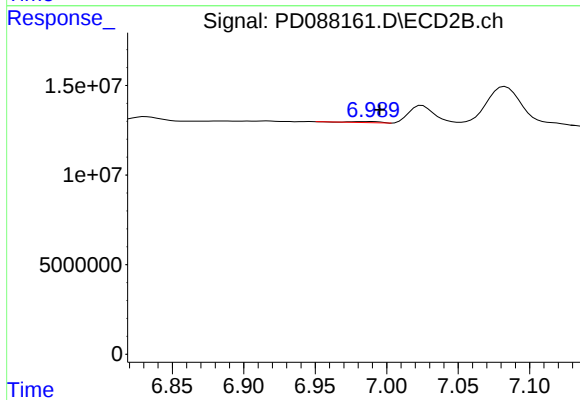
R.T.: 6.739 min
Delta R.T.: -0.020 min
Response: 25554669
Conc: 2.80 ng/ml



#21 Endrin ketone

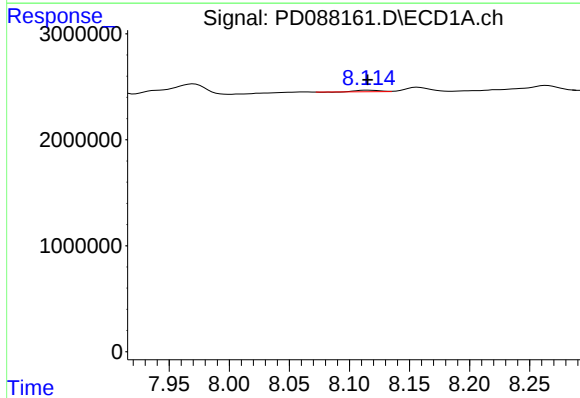
R.T.: 7.618 min
Delta R.T.: -0.014 min
Response: 3870731
Conc: 1.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-1



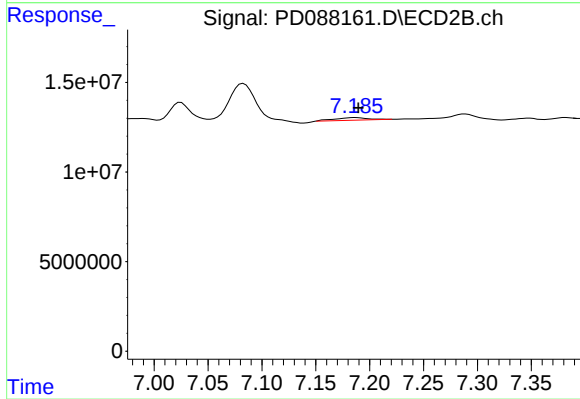
#21 Endrin ketone

R.T.: 6.989 min
Delta R.T.: -0.006 min
Response: 739737
Conc: 0.04 ng/ml



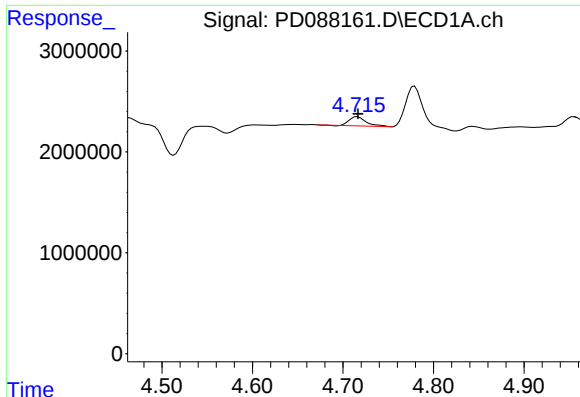
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 200492
Conc: 0.09 ng/ml



#22 Mirex

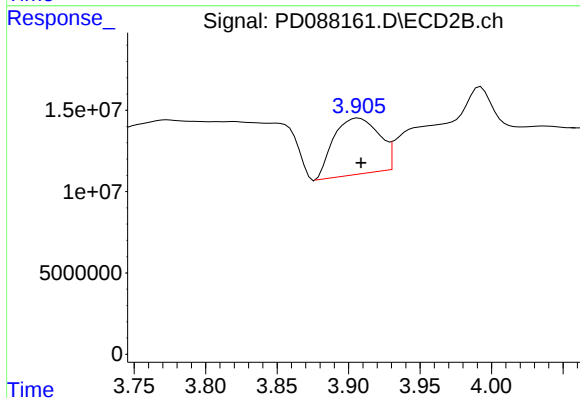
R.T.: 7.187 min
Delta R.T.: -0.003 min
Response: 3230325
Conc: 0.22 ng/ml



#23 Chlordane-1

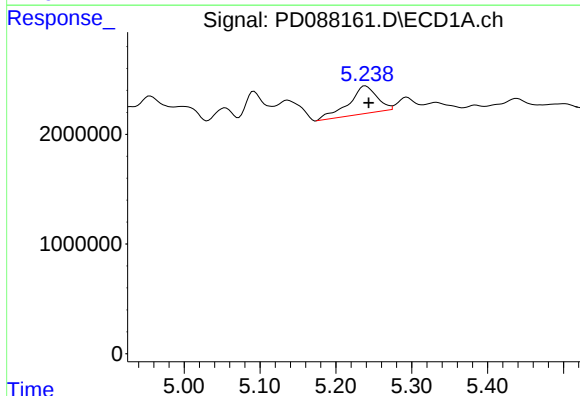
R.T.: 4.716 min
Delta R.T.: 0.000 min
Response: 1202460
Conc: 7.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-1



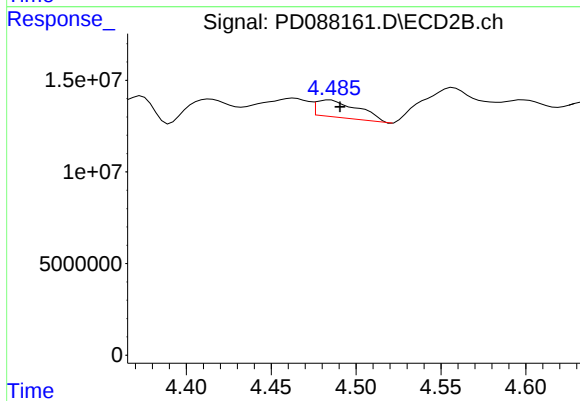
#23 Chlordane-1

R.T.: 3.907 min
Delta R.T.: -0.002 min
Response: 75628945
Conc: 94.34 ng/ml



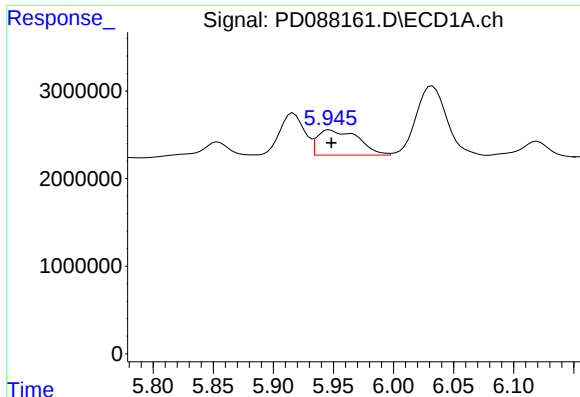
#24 Chlordane-2

R.T.: 5.239 min
Delta R.T.: -0.004 min
Response: 6532029
Conc: 39.22 ng/ml



#24 Chlordane-2

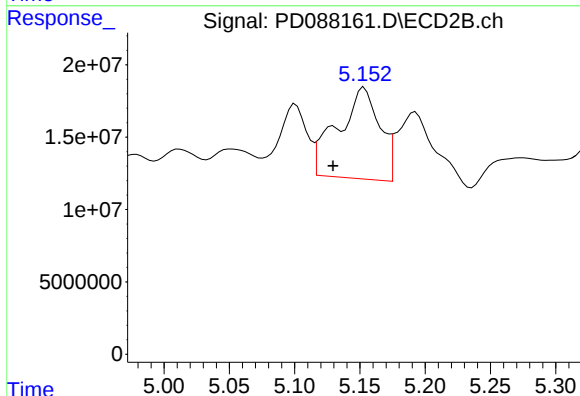
R.T.: 4.485 min
Delta R.T.: -0.006 min
Response: 16113429
Conc: 19.52 ng/ml



#25 Chlordane-3

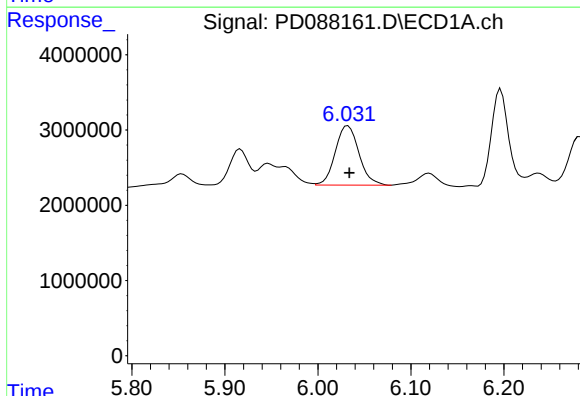
R.T.: 5.947 min
Delta R.T.: -0.001 min
Response: 6773927
Conc: 10.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
SOIL-1



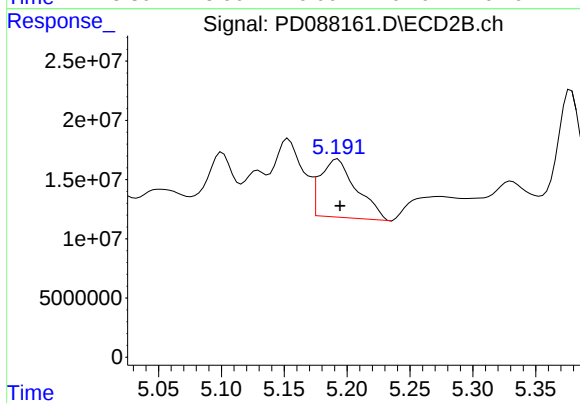
#25 Chlordane-3

R.T.: 5.153 min
Delta R.T.: 0.024 min
Response: 141142785
Conc: 55.81 ng/ml



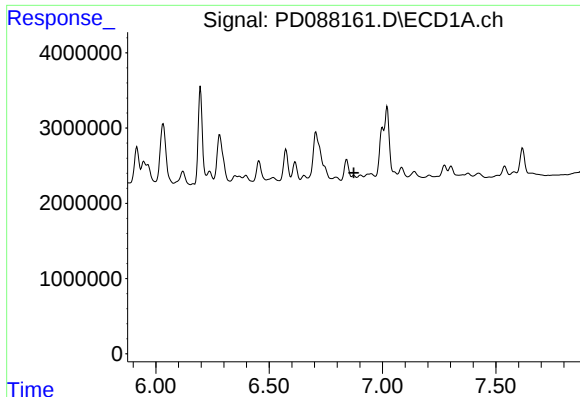
#26 Chlordane-4

R.T.: 6.032 min
Delta R.T.: -0.002 min
Response: 13989898
Conc: 17.16 ng/ml



#26 Chlordane-4

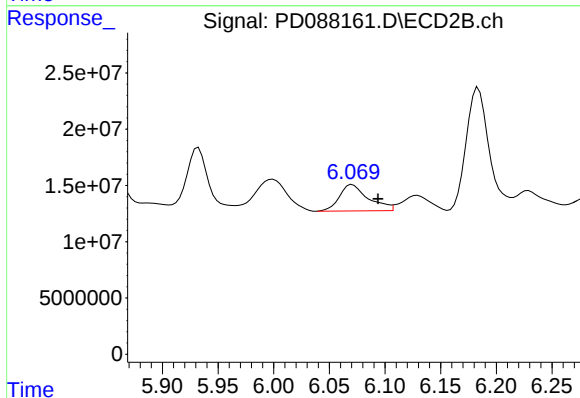
R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 98316535
Conc: 45.98 ng/ml



#27 Chlordane-5

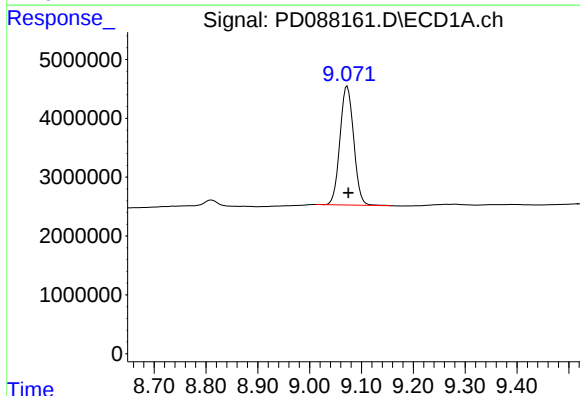
R.T.: 0.000 min
Exp R.T.: 6.873 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
SOIL-1



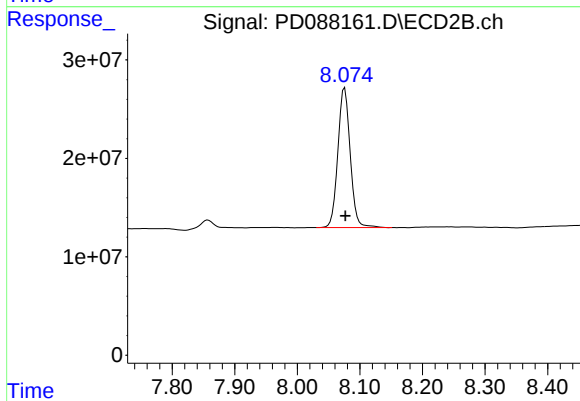
#27 Chlordane-5

R.T.: 6.071 min
Delta R.T.: -0.023 min
Response: 42419136
Conc: 43.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: -0.002 min
Response: 37112817
Conc: 11.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.076 min
Delta R.T.: -0.001 min
Response: 195747818
Conc: 10.59 ng/ml