

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
 Data File : PD088623.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 22:02
 Operator : AR\AJ
 Sample : Q2027-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 B28-SOIL-SAMPLE

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 04:46:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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...	3.552	2.883	37116696	269.1E6	17.154	17.789
2)	SA Decachlor...	9.077	8.076	72806631	374.9E6	21.274	20.538
Target Compounds							
2)	A alpha-BHC	4.003	3.392	783430	30063292	0.164	1.258 #
3)	MA gamma-BHC...	4.302f	3.736	237.2E6	152.6E6	51.544	6.886 #
4)	MA Heptachlor	4.945	4.060f	64065019	86835294	14.328	3.867 #
5)	MB Aldrin	5.258f	4.372	7597519	16011051	1.729	0.730 #
6)	B beta-BHC	4.534f	0.000	2018288	0	1.119	N.D. #
7)	B delta-BHC	4.780	4.258	7187805	31708880	1.701	1.422
8)	B Heptachlo...	5.686	4.866	6795719	4461945	1.712	0.225 #
9)	A Endosulfan I	6.099f	5.252	12856660	2010081	3.417	0.106 #
10)	B gamma-Chl...	5.970f	5.130	625915	2762407	0.157	0.129
11)	B alpha-Chl...	6.033	5.194	3059443	2700013	0.764	0.131 #
12)	B 4,4'-DDE	0.000	5.393	0	16866596	N.D.	0.807 #
13)	MA Dieldrin	0.000	5.514	0	51765776	N.D.	2.460 #
14)	MA Endrin	6.571	5.819f	-116015	6725109	N.D.	0.349
15)	B Endosulfa...	0.000	6.085	0	26431151	N.D.	1.443 #
16)	A 4,4'-DDD	6.696	5.928	2992894	463761	1.075	0.027 #
17)	MA 4,4'-DDT	7.052f	6.190	1055325	1297791	0.338	0.072 #
18)	B Endrin al...	6.900f	6.273	1103064	11046516	0.428	0.793 #
19)	B Endosulfa...	7.164	6.495	57664	240633	0.018	0.014
20)	A Methoxychlor	7.527f	6.749	731059	1109327	0.438	0.116 #
21)	B Endrin ke...	7.637	0.000	467845	0	0.137	N.D. #
23)	Chlordane-1	4.689f	3.913	122.9E6	53541293	682.229	64.794 #
24)	Chlordane-2	5.258	4.488	7597519	2853587	41.402	3.381 #
25)	Chlordane-3	5.970	5.130	625915	2762407	0.846	1.048
26)	Chlordane-4	6.033	5.194	3059443	2700013	3.414	1.220 #
27)	Chlordane-5	6.865	6.085	151733	26431151	0.997	26.409 #

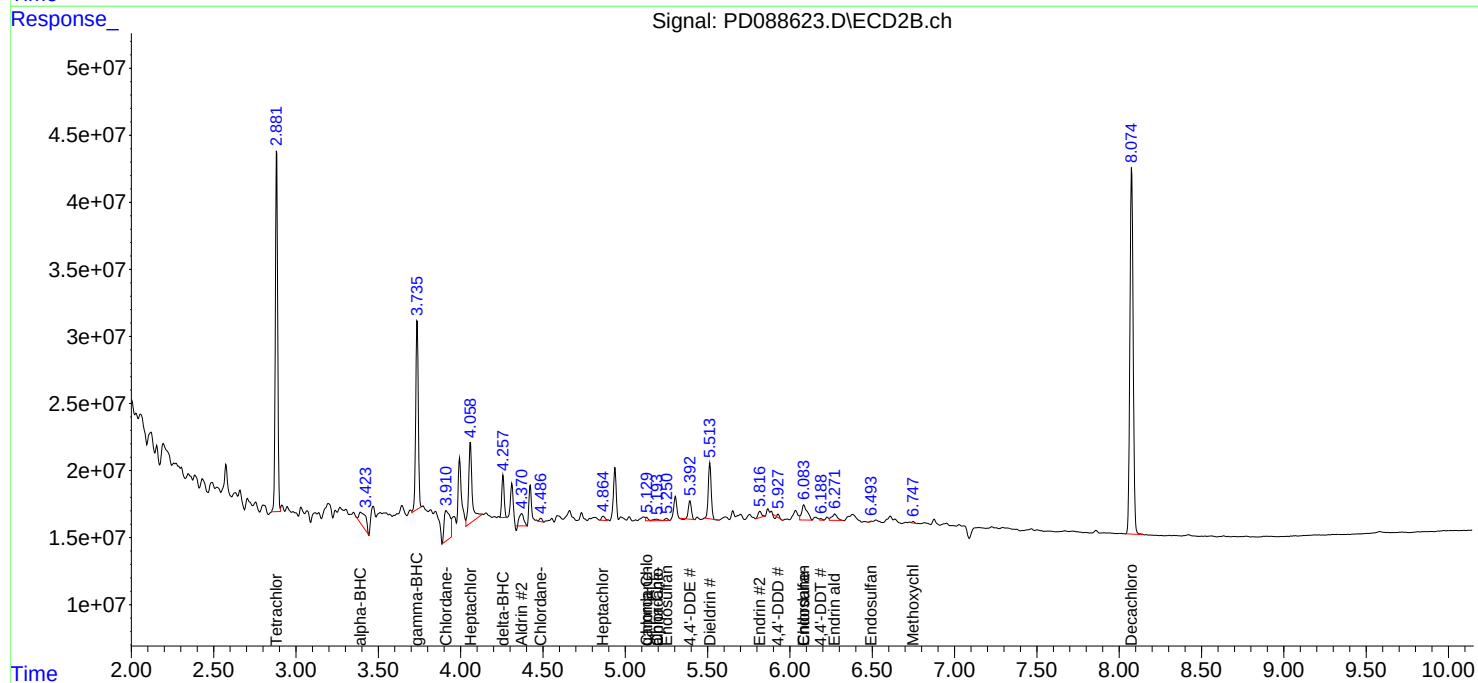
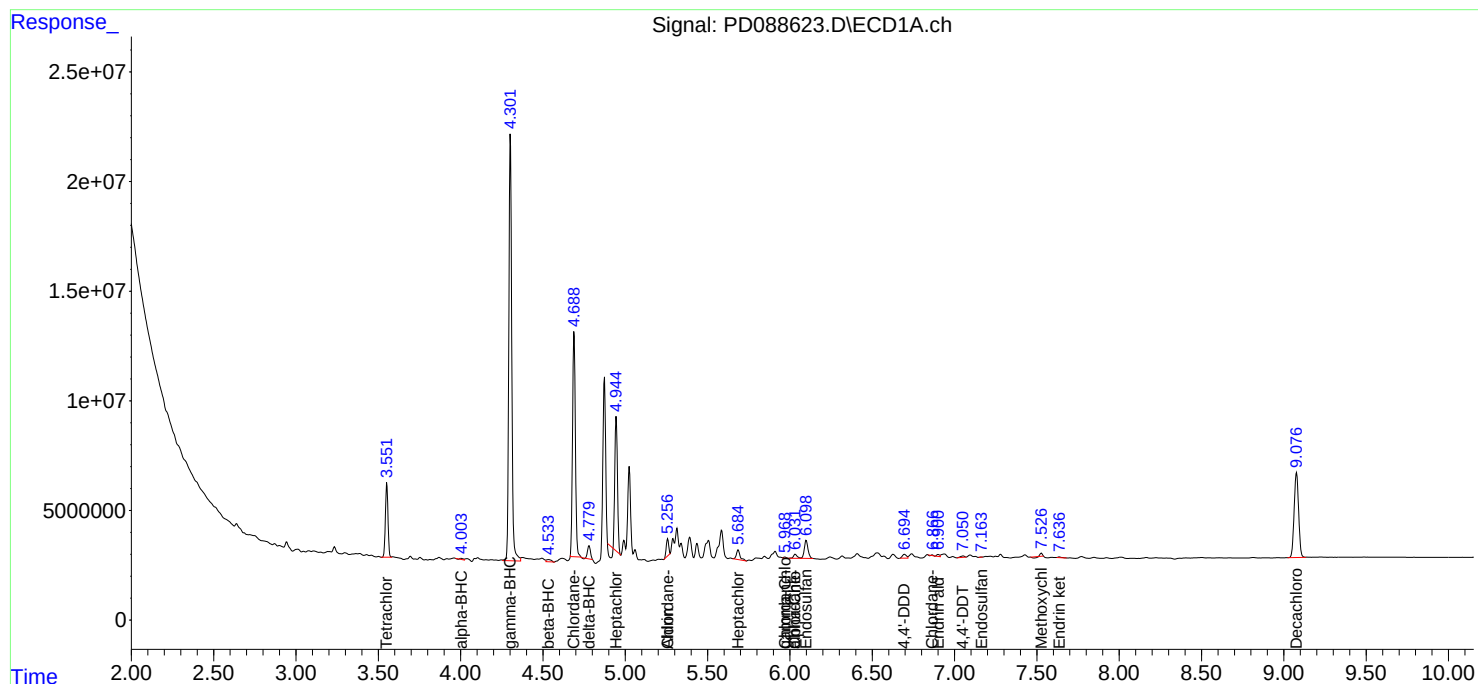
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

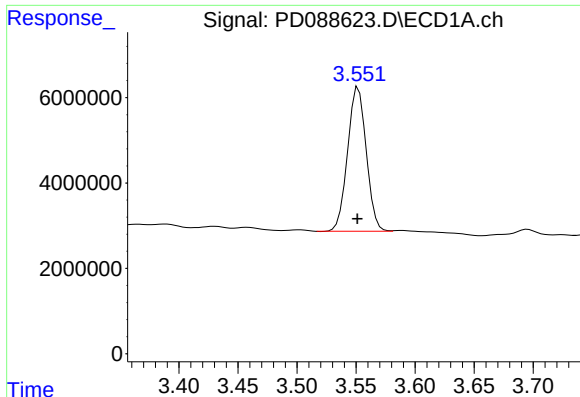
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
Data File : PD088623.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 22:02
Operator : AR\AJ
Sample : Q2027-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
B28-SOIL-SAMPLE

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 20 04:46:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 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

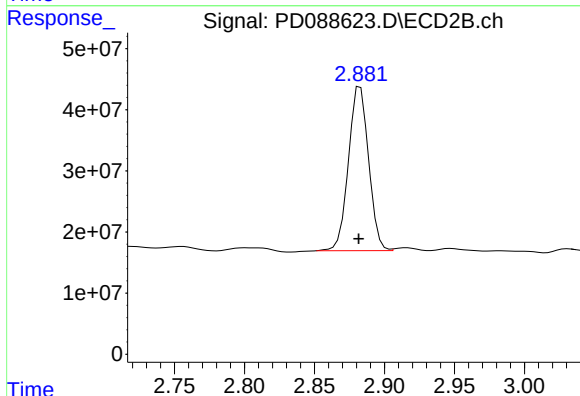




#1 Tetrachloro-m-xylene

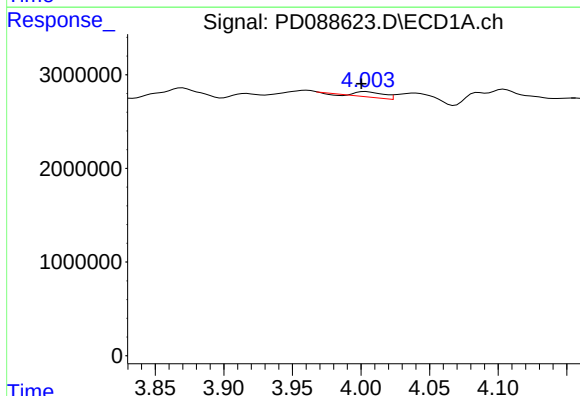
R.T.: 3.552 min
Delta R.T.: 0.001 min
Response: 37116696
Conc: 17.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
B28-SOIL-SAMPLE



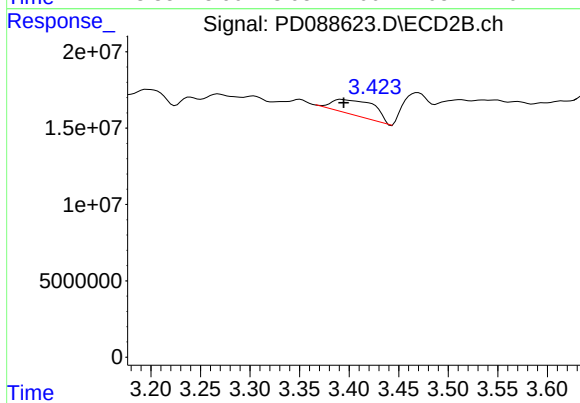
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.001 min
Response: 269086790
Conc: 17.79 ng/ml



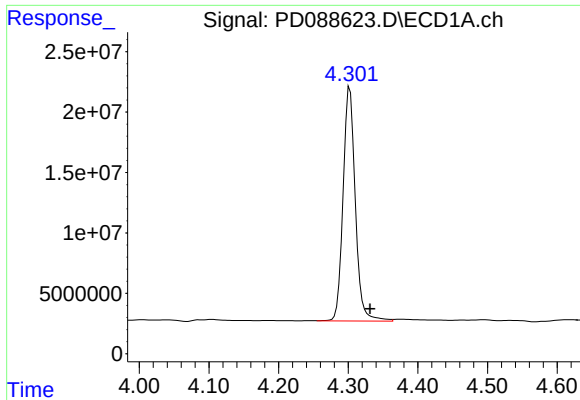
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.003 min
Response: 783430
Conc: 0.16 ng/ml



#2 alpha-BHC

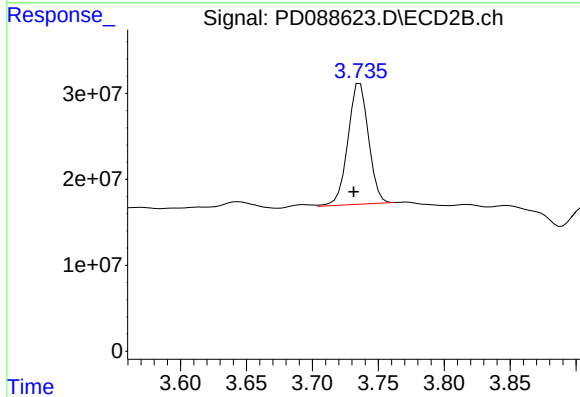
R.T.: 3.392 min
Delta R.T.: -0.002 min
Response: 30063292
Conc: 1.26 ng/ml



#3 gamma-BHC (Lindane)

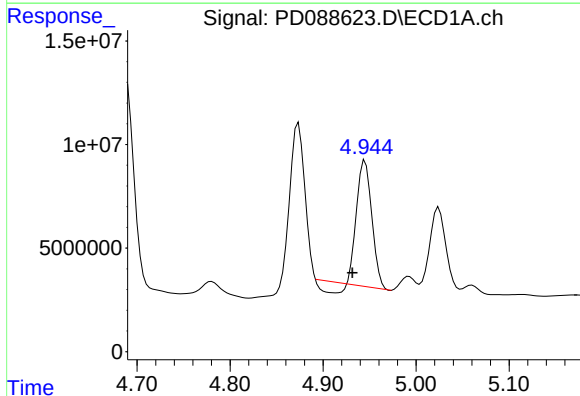
R.T.: 4.302 min
Delta R.T.: -0.029 min
Response: 237244346
Conc: 51.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
B28-SOIL-SAMPLE



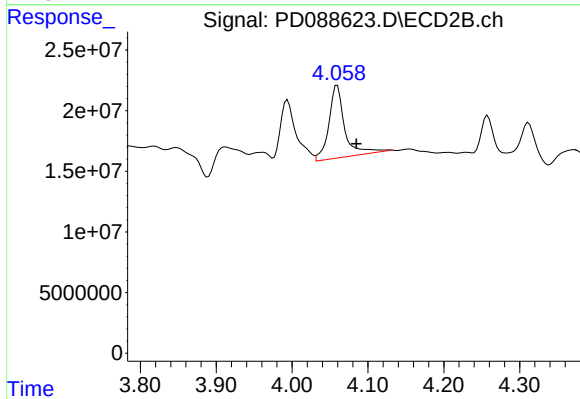
#3 gamma-BHC (Lindane)

R.T.: 3.736 min
Delta R.T.: 0.005 min
Response: 152632470
Conc: 6.89 ng/ml



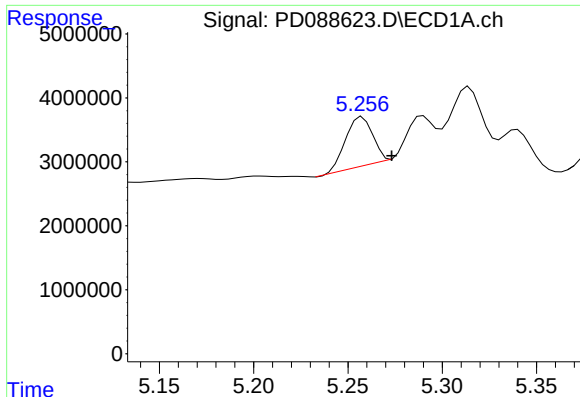
#4 Heptachlor

R.T.: 4.945 min
Delta R.T.: 0.014 min
Response: 64065019
Conc: 14.33 ng/ml



#4 Heptachlor

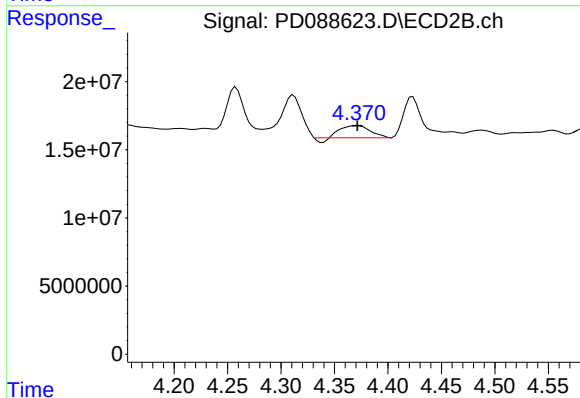
R.T.: 4.060 min
Delta R.T.: -0.025 min
Response: 86835294
Conc: 3.87 ng/ml



#5 Aldrin

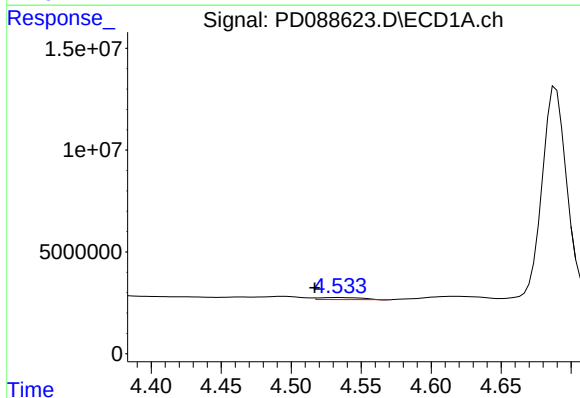
R.T.: 5.258 min
Delta R.T.: -0.016 min
Response: 7597519
Conc: 1.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
B28-SOIL-SAMPLE



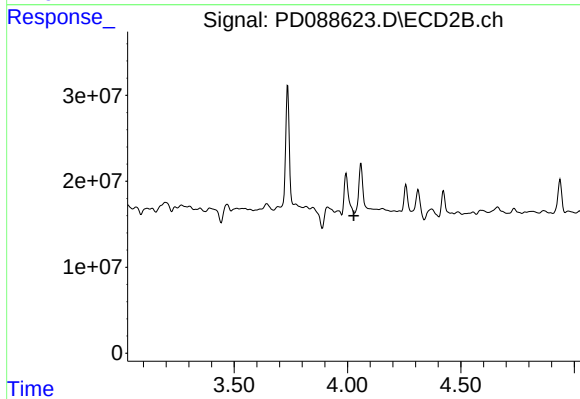
#5 Aldrin

R.T.: 4.372 min
Delta R.T.: 0.000 min
Response: 16011051
Conc: 0.73 ng/ml



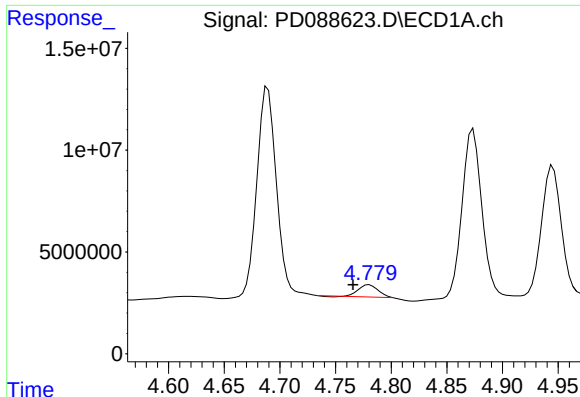
#6 beta-BHC

R.T.: 4.534 min
Delta R.T.: 0.017 min
Response: 2018288
Conc: 1.12 ng/ml



#6 beta-BHC

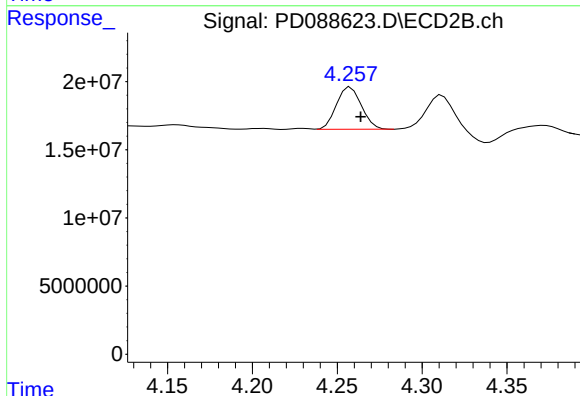
R.T.: 0.000 min
Exp R.T. : 4.027 min
Response: 0
Conc: N.D.



#7 delta-BHC

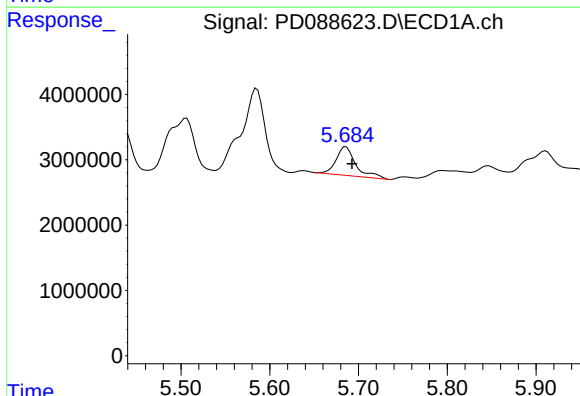
R.T.: 4.780 min
Delta R.T.: 0.015 min
Response: 7187805
Conc: 1.70 ng/ml

Instrument :
ECD_D
ClientSampleId :
B28-SOIL-SAMPLE



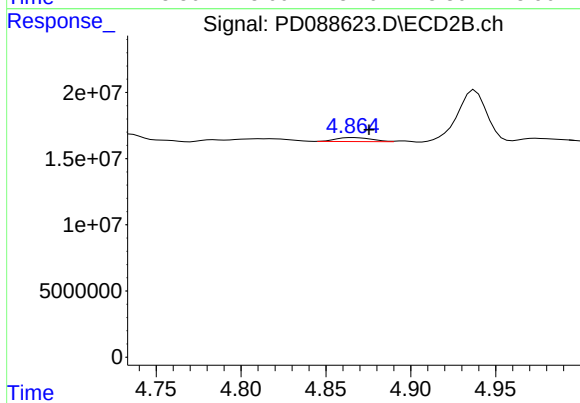
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: -0.006 min
Response: 31708880
Conc: 1.42 ng/ml



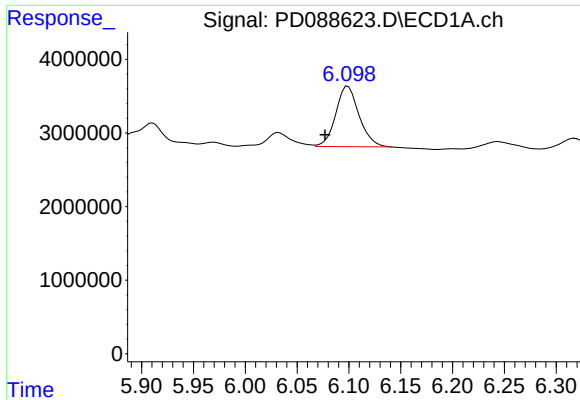
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: -0.007 min
Response: 6795719
Conc: 1.71 ng/ml



#8 Heptachlor epoxide

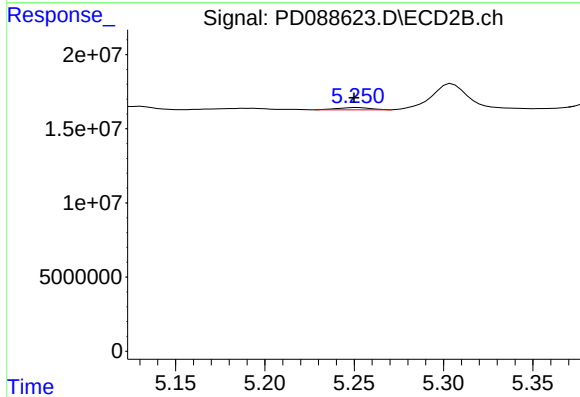
R.T.: 4.866 min
Delta R.T.: -0.010 min
Response: 4461945
Conc: 0.22 ng/ml



#9 Endosulfan I

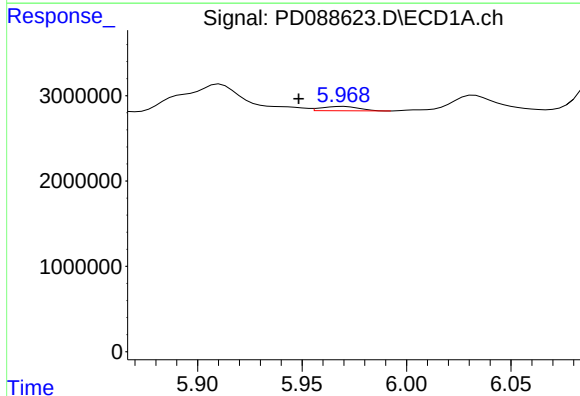
R.T.: 6.099 min
Delta R.T.: 0.022 min
Response: 12856660
Conc: 3.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
B28-SOIL-SAMPLE



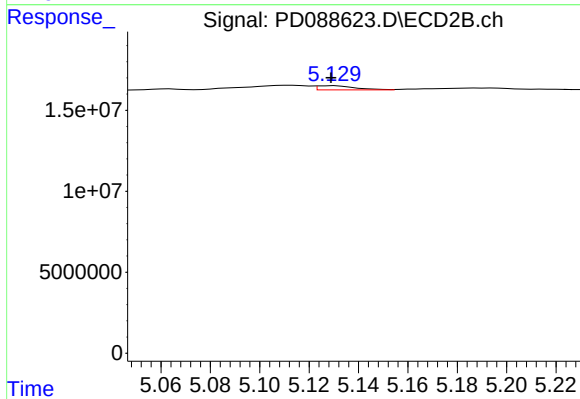
#9 Endosulfan I

R.T.: 5.252 min
Delta R.T.: 0.002 min
Response: 2010081
Conc: 0.11 ng/ml



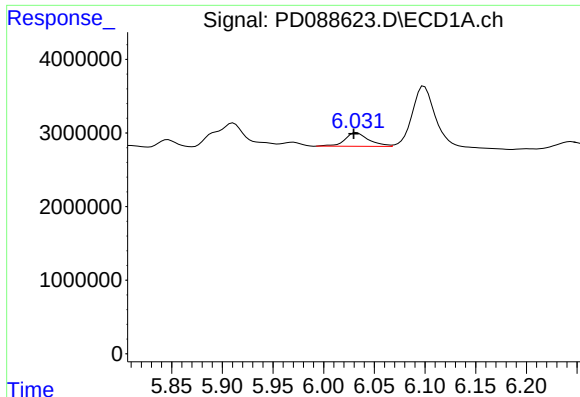
#10 gamma-Chlordane

R.T.: 5.970 min
Delta R.T.: 0.021 min
Response: 625915
Conc: 0.16 ng/ml



#10 gamma-Chlordane

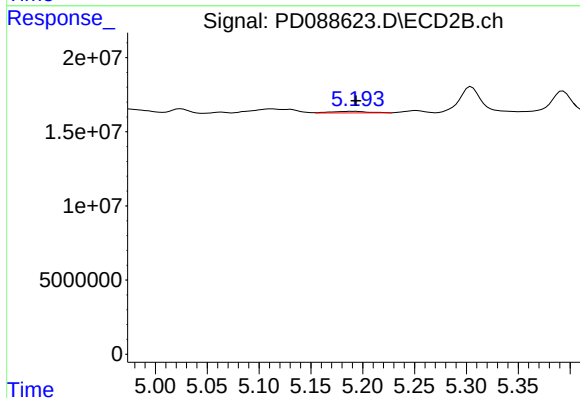
R.T.: 5.130 min
Delta R.T.: 0.001 min
Response: 2762407
Conc: 0.13 ng/ml



#11 alpha-Chlordane

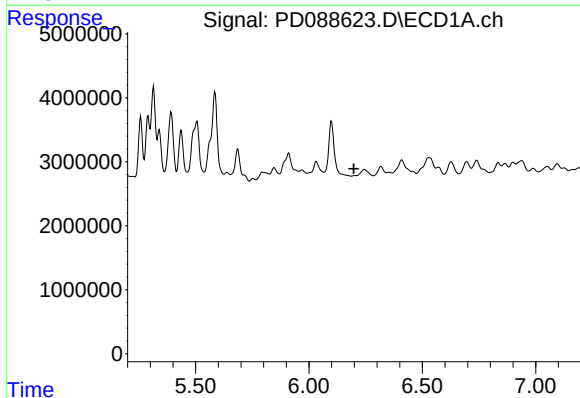
R.T.: 6.033 min
Delta R.T.: 0.003 min
Response: 3059443
Conc: 0.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
B28-SOIL-SAMPLE



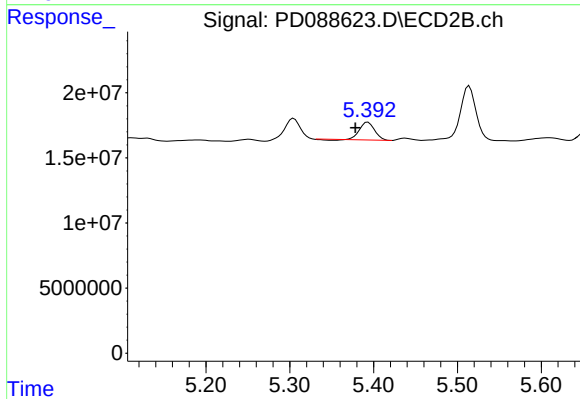
#11 alpha-Chlordane

R.T.: 5.194 min
Delta R.T.: 0.000 min
Response: 2700013
Conc: 0.13 ng/ml



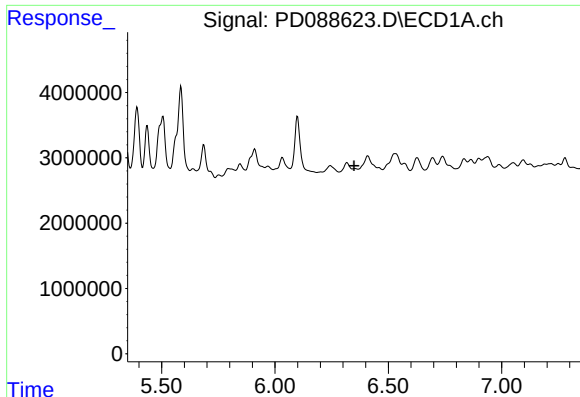
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.198 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

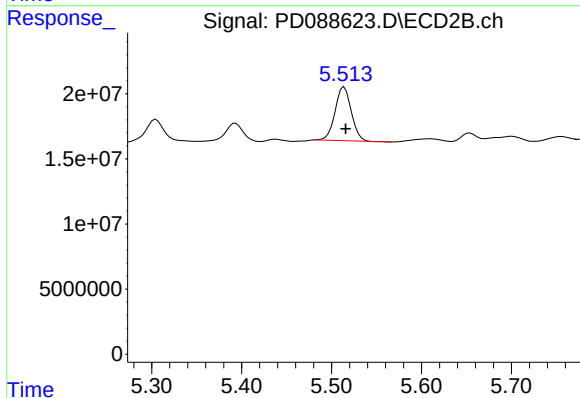
R.T.: 5.393 min
Delta R.T.: 0.015 min
Response: 16866596
Conc: 0.81 ng/ml



#13 Dieldrin

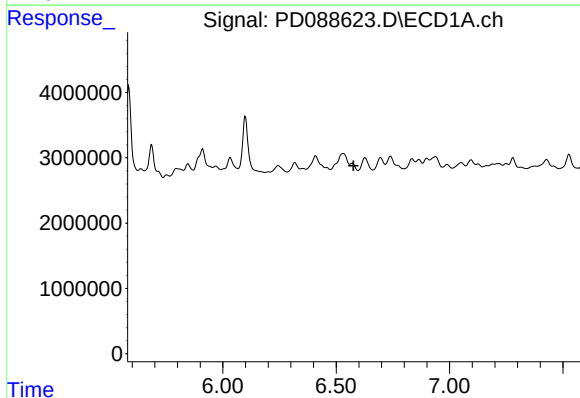
R.T.: 0.000 min
Exp R.T.: 6.350 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
B28-SOIL-SAMPLE



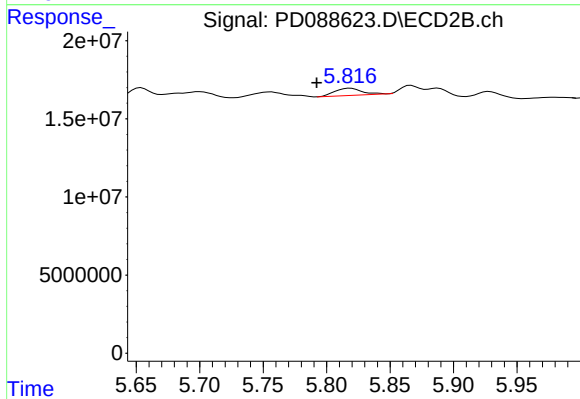
#13 Dieldrin

R.T.: 5.514 min
Delta R.T.: -0.002 min
Response: 51765776
Conc: 2.46 ng/ml



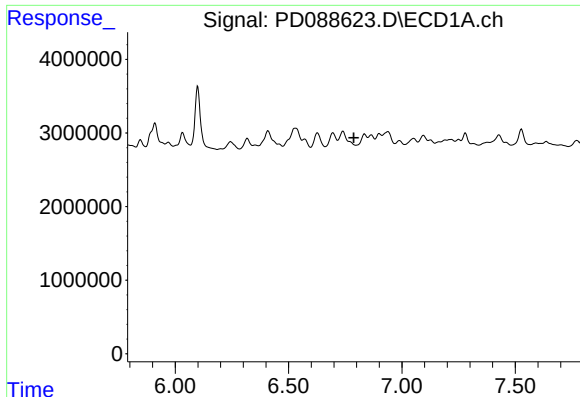
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.005 min
Response: -116015
Conc: N.D.



#14 Endrin

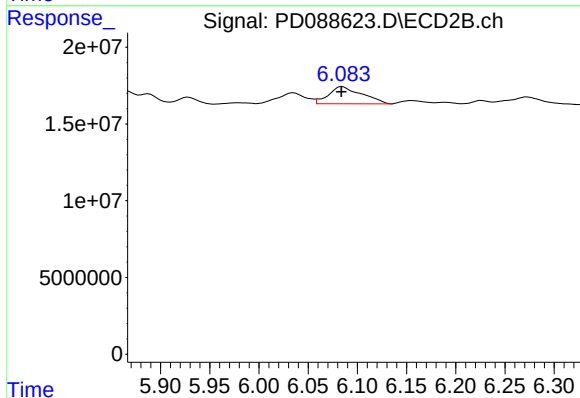
R.T.: 5.819 min
Delta R.T.: 0.027 min
Response: 6725109
Conc: 0.35 ng/ml



#15 Endosulfan II

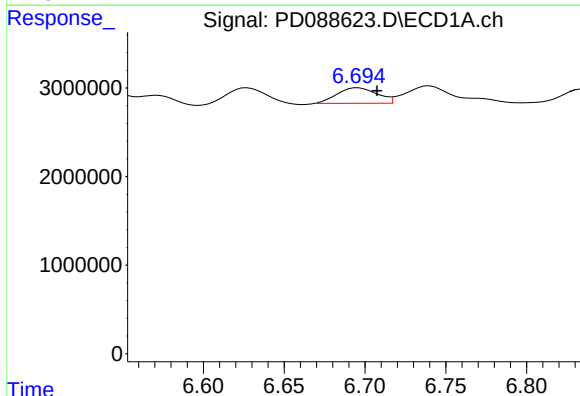
R.T.: 0.000 min
Exp R.T.: 6.788 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
B28-SOIL-SAMPLE



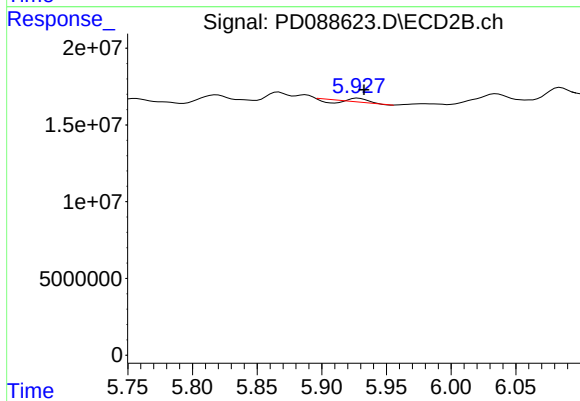
#15 Endosulfan II

R.T.: 6.085 min
Delta R.T.: 0.000 min
Response: 26431151
Conc: 1.44 ng/ml



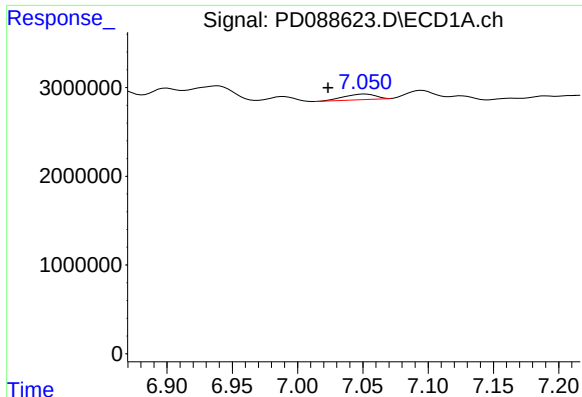
#16 4,4'-DDD

R.T.: 6.696 min
Delta R.T.: -0.012 min
Response: 2992894
Conc: 1.07 ng/ml



#16 4,4'-DDD

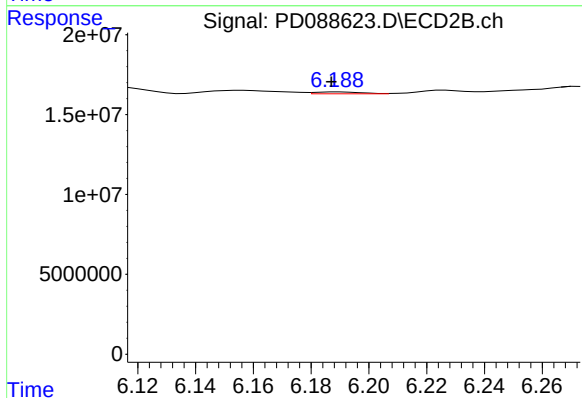
R.T.: 5.928 min
Delta R.T.: -0.005 min
Response: 463761
Conc: 0.03 ng/ml



#17 4,4'-DDT

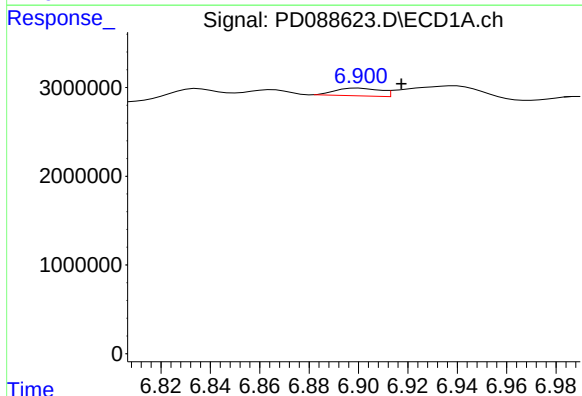
R.T.: 7.052 min
Delta R.T.: 0.029 min
Response: 1055325
Conc: 0.34 ng/ml

Instrument :
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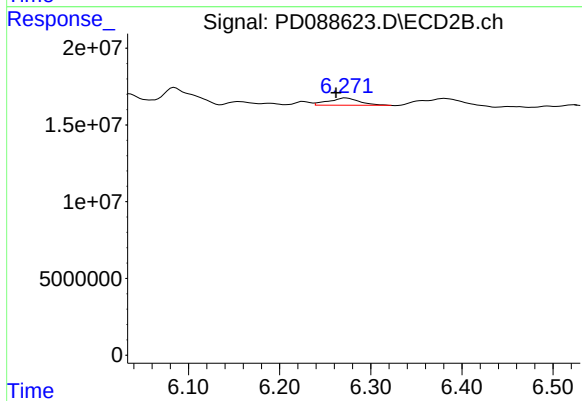
#17 4,4'-DDT

R.T.: 6.190 min
Delta R.T.: 0.003 min
Response: 1297791
Conc: 0.07 ng/ml



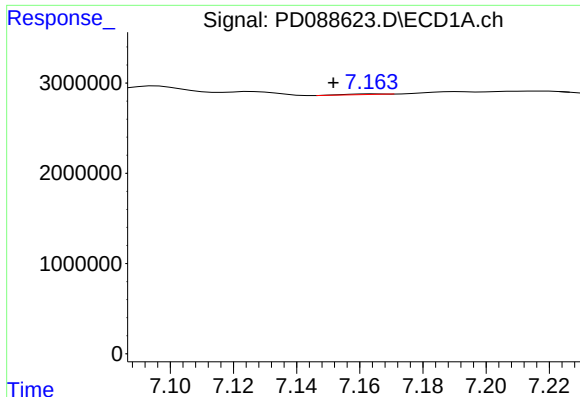
#18 Endrin aldehyde

R.T.: 6.900 min
Delta R.T.: -0.018 min
Response: 1103064
Conc: 0.43 ng/ml



#18 Endrin aldehyde

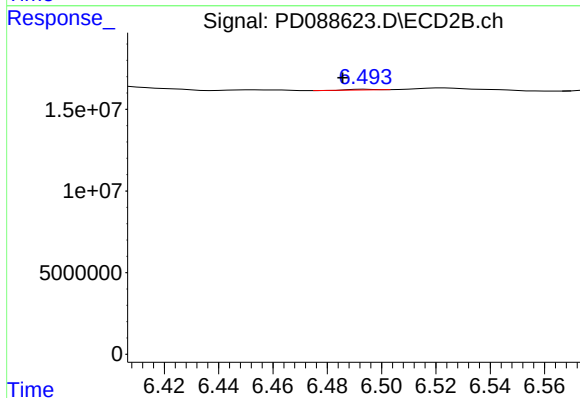
R.T.: 6.273 min
Delta R.T.: 0.011 min
Response: 11046516
Conc: 0.79 ng/ml



#19 Endosulfan Sulfate

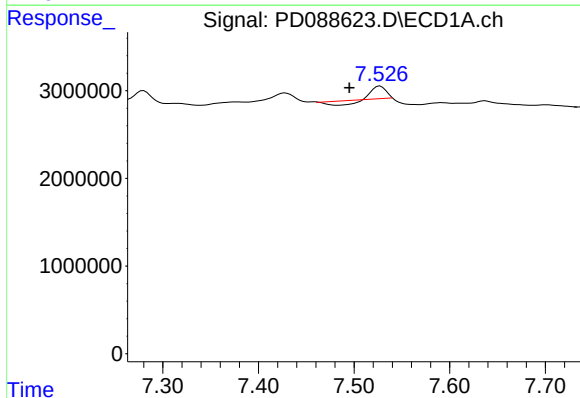
R.T.: 7.164 min
Delta R.T.: 0.013 min
Response: 57664
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
B28-SOIL-SAMPLE



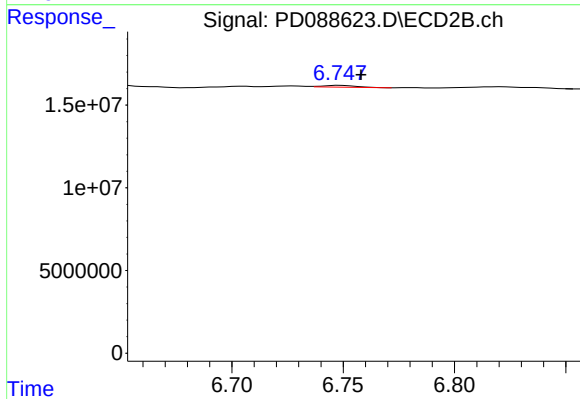
#19 Endosulfan Sulfate

R.T.: 6.495 min
Delta R.T.: 0.009 min
Response: 240633
Conc: 0.01 ng/ml



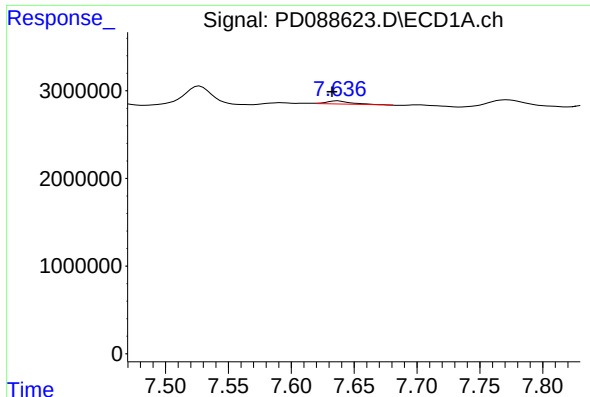
#20 Methoxychlor

R.T.: 7.527 min
Delta R.T.: 0.032 min
Response: 731059
Conc: 0.44 ng/ml



#20 Methoxychlor

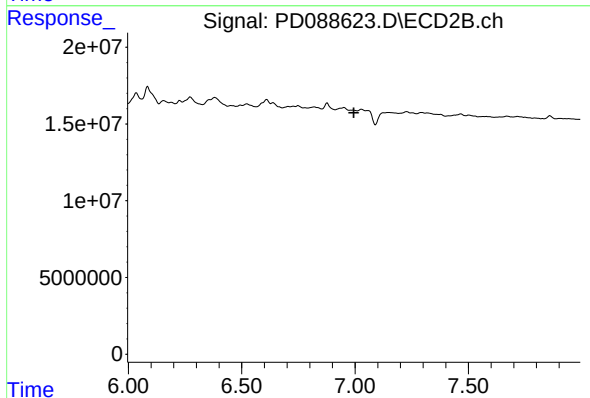
R.T.: 6.749 min
Delta R.T.: -0.009 min
Response: 1109327
Conc: 0.12 ng/ml



#21 Endrin ketone

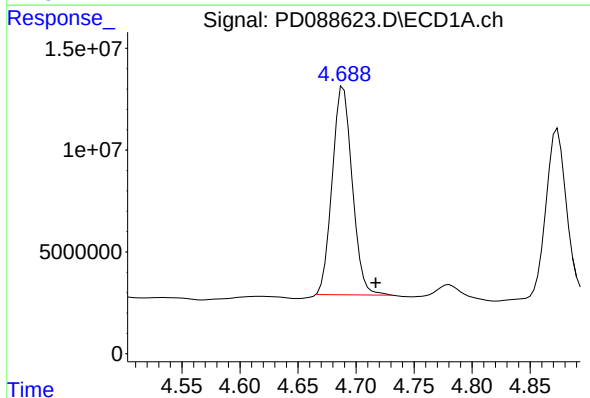
R.T.: 7.637 min
Delta R.T.: 0.005 min
Response: 467845
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
B28-SOIL-SAMPLE



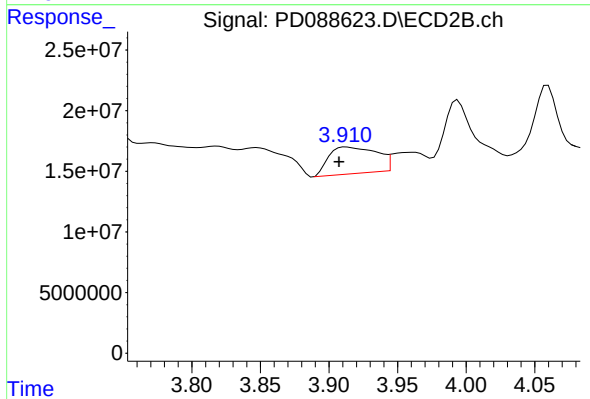
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 6.995 min
Response: 0
Conc: N.D.



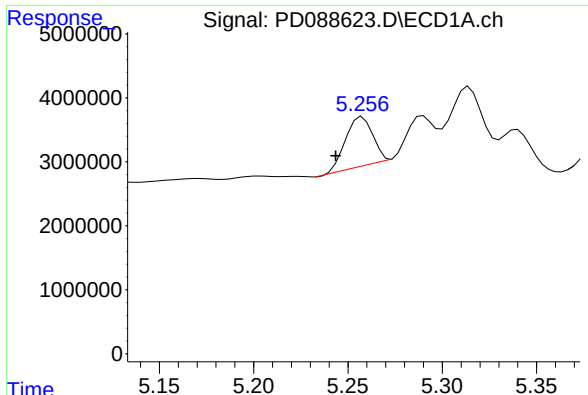
#23 Chlordane-1

R.T.: 4.689 min
Delta R.T.: -0.028 min
Response: 122941449
Conc: 682.23 ng/ml



#23 Chlordane-1

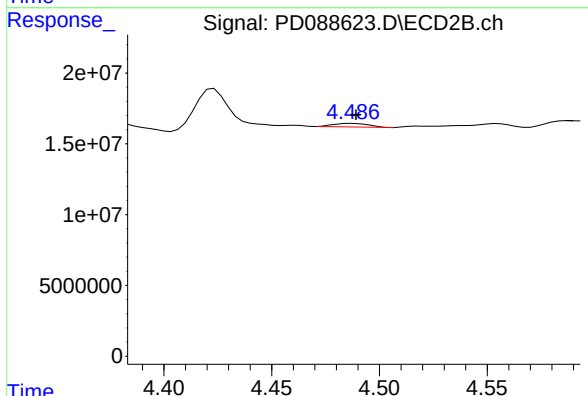
R.T.: 3.913 min
Delta R.T.: 0.005 min
Response: 53541293
Conc: 64.79 ng/ml



#24 Chlordane-2

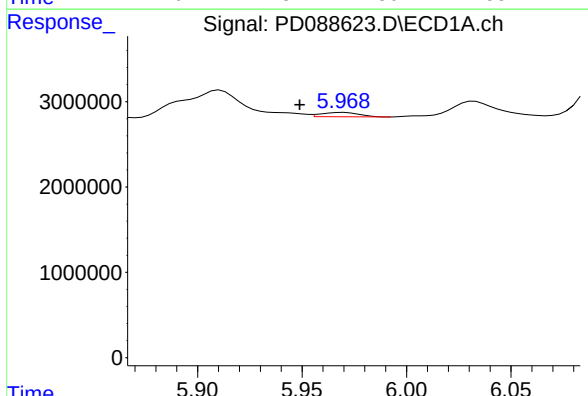
R.T.: 5.258 min
Delta R.T.: 0.014 min
Response: 7597519
Conc: 41.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
B28-SOIL-SAMPLE



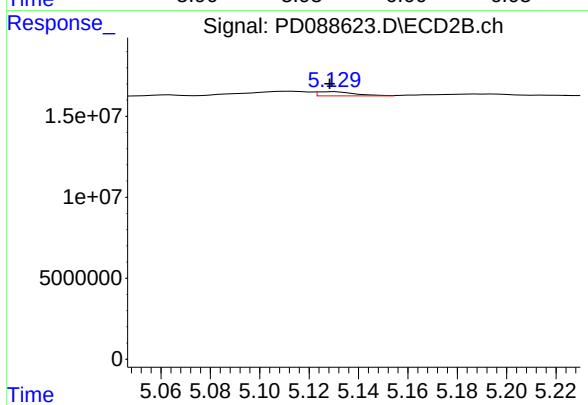
#24 Chlordane-2

R.T.: 4.488 min
Delta R.T.: -0.002 min
Response: 2853587
Conc: 3.38 ng/ml



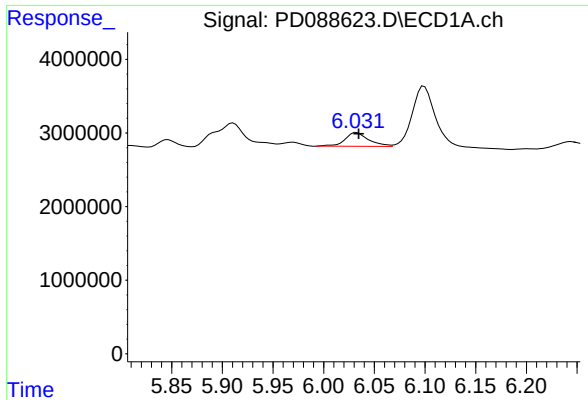
#25 Chlordane-3

R.T.: 5.970 min
Delta R.T.: 0.021 min
Response: 625915
Conc: 0.85 ng/ml



#25 Chlordane-3

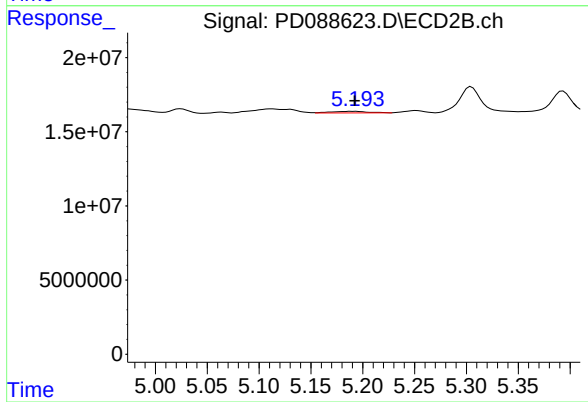
R.T.: 5.130 min
Delta R.T.: 0.002 min
Response: 2762407
Conc: 1.05 ng/ml



#26 Chlordane-4

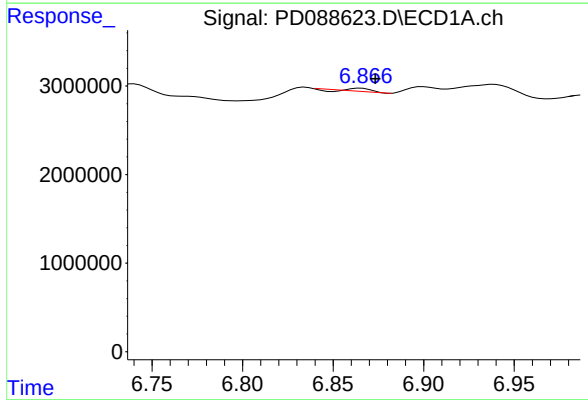
R.T.: 6.033 min
Delta R.T.: -0.002 min
Response: 3059443
Conc: 3.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
B28-SOIL-SAMPLE



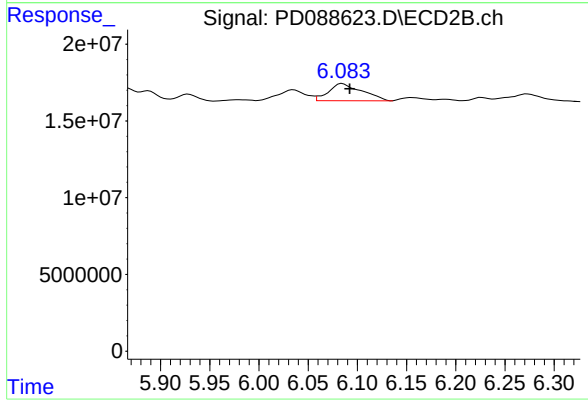
#26 Chlordane-4

R.T.: 5.194 min
Delta R.T.: 0.002 min
Response: 2700013
Conc: 1.22 ng/ml



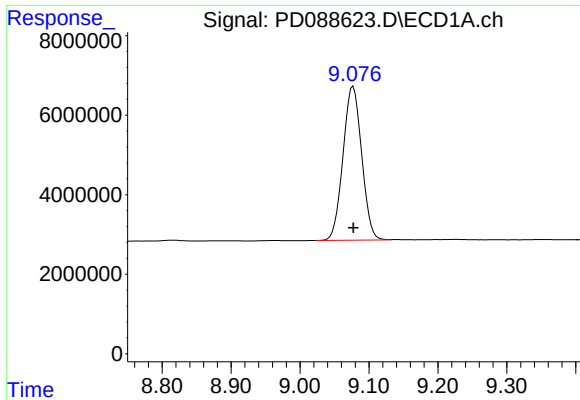
#27 Chlordane-5

R.T.: 6.865 min
Delta R.T.: -0.008 min
Response: 151733
Conc: 1.00 ng/ml



#27 Chlordane-5

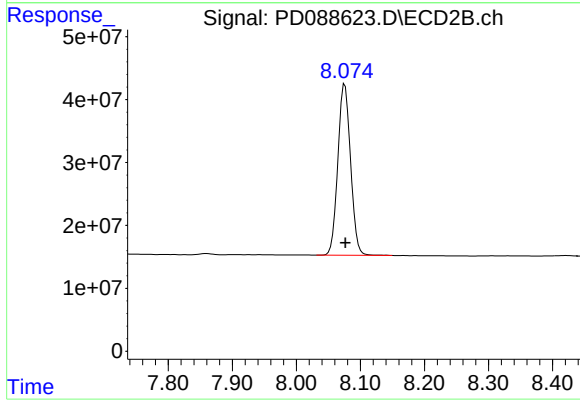
R.T.: 6.085 min
Delta R.T.: -0.008 min
Response: 26431151
Conc: 26.41 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.077 min
Delta R.T.: 0.000 min
Response: 72806631
Conc: 21.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
B28-SOIL-SAMPLE



#28 Decachlorobiphenyl

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 374948863
Conc: 20.54 ng/ml