

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031021\
 Data File : PD061528.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Mar 2021 17:17
 Operator : AR\AJ
 Sample : M1458-01
 Misc : PEST LOD 2.5 PPB
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 11 04:46:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031021.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 11 04:34:41 2021
 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...	3.486	3.982	16277989	170.0E6	20.308	20.377
28)	SA Decachlor...	8.257	9.037	26317309	187.5E6	21.823	21.736
Target Compounds							
2)	A alpha-BHC	3.926	4.371	3024910	31804212	2.455	2.454
3)	MA gamma-BHC...	4.210	4.655	3070127	28528227	2.608	2.351
4)	MA Heptachlor	4.513	5.163	2861940	36466187	2.307	2.862
5)	MB Aldrin	4.763	5.467	2837954	33041109	2.423	2.763
6)	B beta-BHC	4.461	4.824	698551	12519721	1.321	2.567 #
7)	B delta-BHC	4.666	5.039	1249139	20900353	1.057	1.743 #
8)	B Heptachlo...	5.207	5.853	2912216	35672065	2.562	3.278 #
9)	A Endosulfan I	5.547	6.209	2908371	31787319	2.677	3.055
10)	B gamma-Chl...	5.435	6.087	3192168	33906023	2.743	2.998
11)	B alpha-Chl...	5.493	6.159	2931731	31128315	2.533	2.855
12)	B 4,4'-DDE	5.656	6.315	2645498	31226253	2.409	2.811
13)	MA Dieldrin	5.791	6.466	2804292	32894647	2.444	2.977
14)	MA Endrin	6.050	6.683	2810495	25825998	2.661	2.755
15)	B Endosulfa...	6.324	6.891	4277635	29016660	4.280	3.245
16)	A 4,4'-DDD	6.173	6.804	1990156	27349479	2.142	3.055 #
17)	MA 4,4'-DDT	6.416	7.103	3380861	36340951	3.400	3.929
18)	B Endrin al...	6.492	7.015	2672103	28752829	3.235	4.003
19)	B Endosulfa...	6.703	7.238	2895733	25404010	2.785	2.758
20)	A Methoxychlor	6.962	7.560	1158448	11782940	2.055	2.547
21)	B Endrin ke...	7.199	7.708	2856892	27380933	2.312	2.968 #
22)	Mirex	7.391	8.163	4890062	32752741	4.932	5.393
23)	Chlordane-1	4.388f	4.981	-78184	4347882	N.D.	10.493
24)	Chlordane-2	0.000	5.467f	0	33041109	N.D.	82.169 #
25)	Chlordane-3	5.435	6.087	3192168	33906023	25.460	19.484
26)	Chlordane-4	5.493	6.159	2931731	31128315	28.091	15.435 #
27)	Chlordane-5	6.324	0.000	4277635	0	88.322	N.D. #

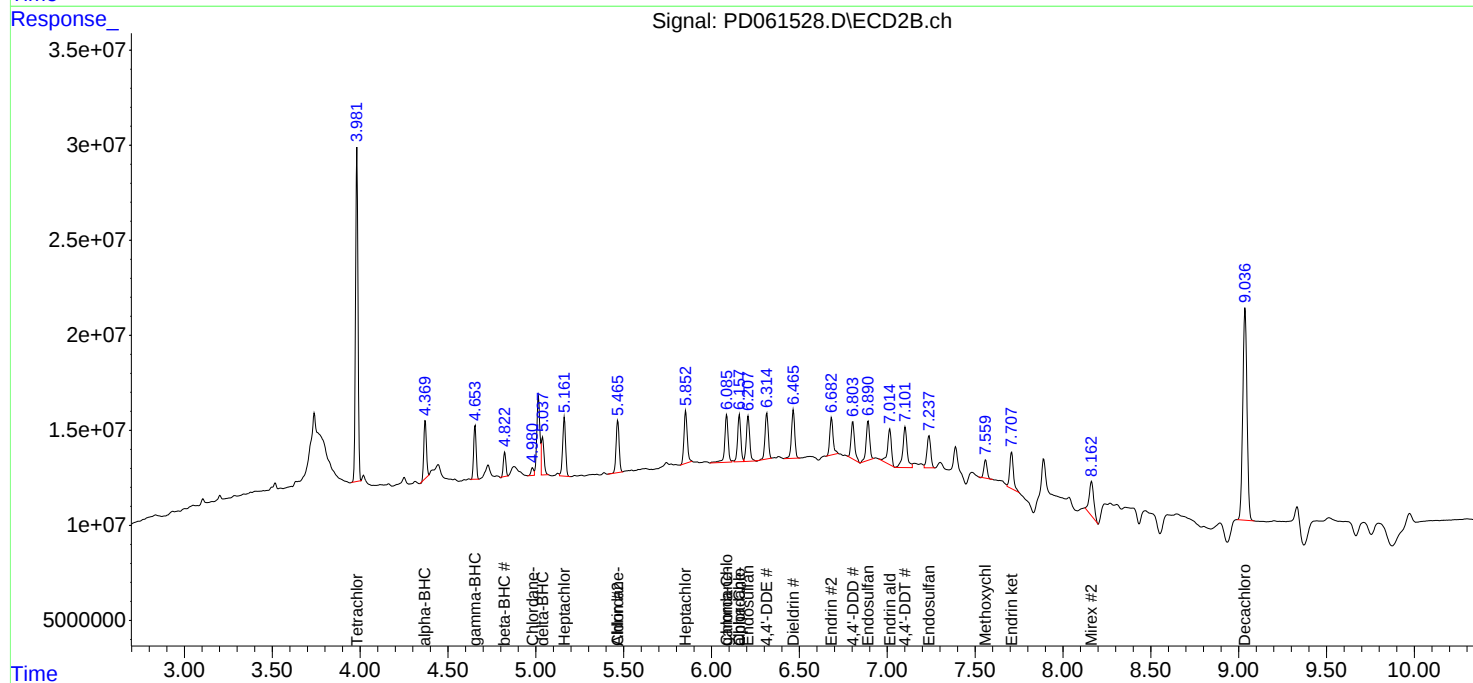
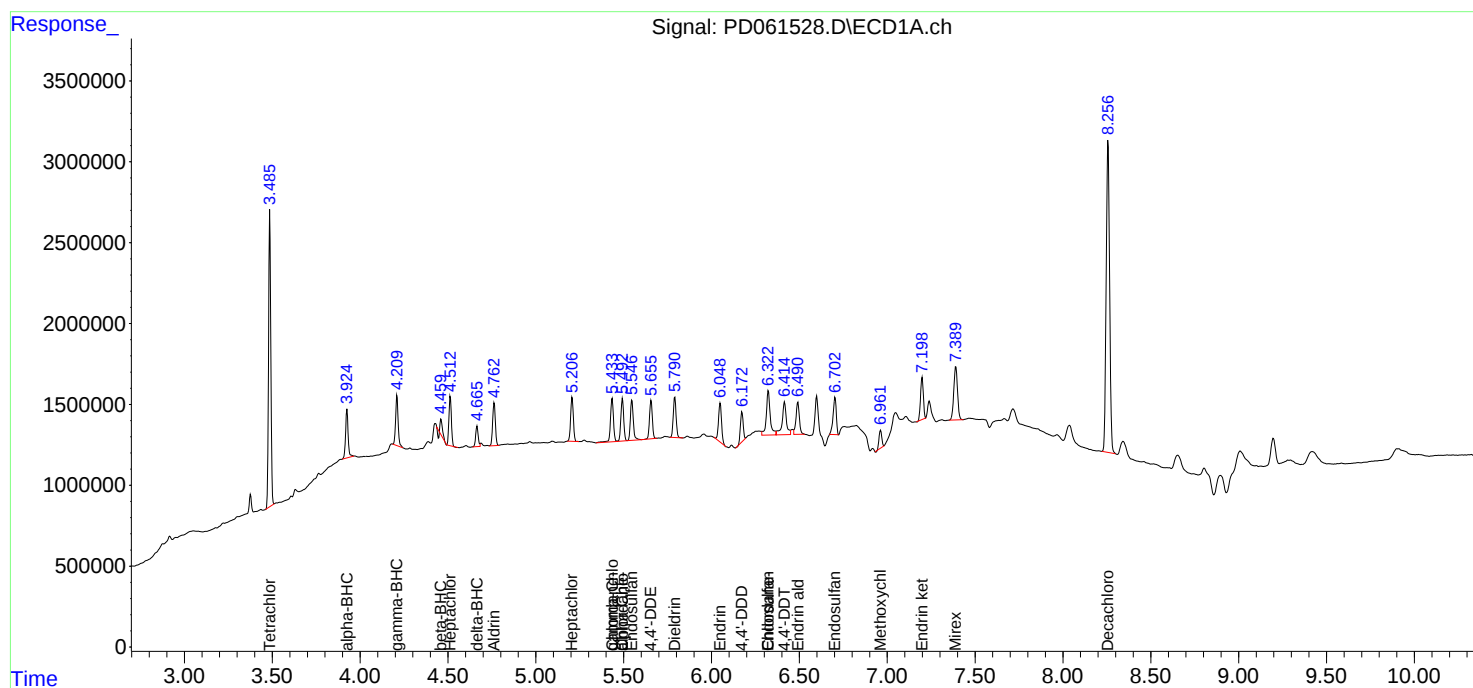
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

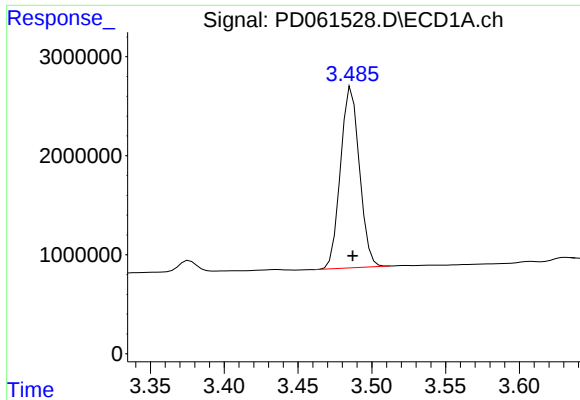
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031021\
 Data File : PD061528.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Mar 2021 17:17
 Operator : AR\AJ
 Sample : M1458-01
 Misc : PEST LOD 2.5 PPB
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 11 04:46:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031021.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 11 04:34:41 2021
 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

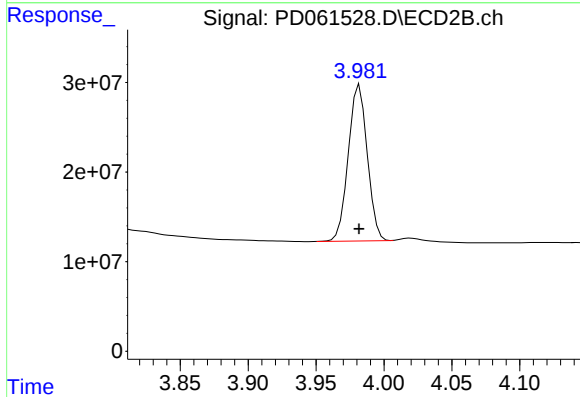




#1 Tetrachloro-m-xylene

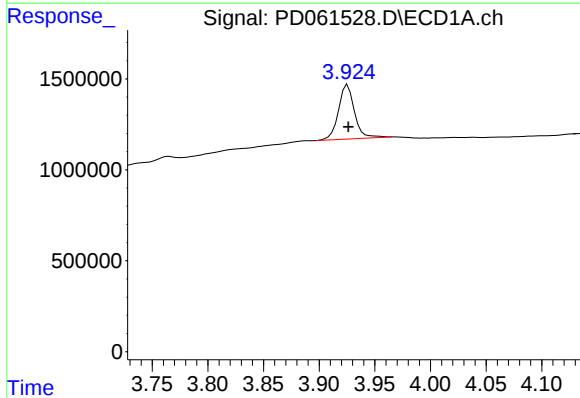
R.T.: 3.486 min
Delta R.T.: 0.000 min
Response: 16277989
Conc: 20.31 ng/ml

Instrument :
ECD_D
ClientSampleId :



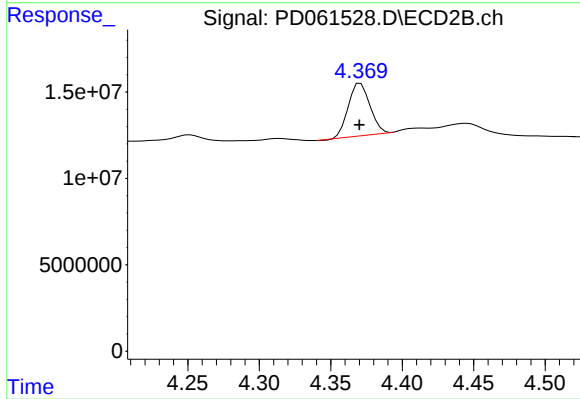
#1 Tetrachloro-m-xylene

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 170006678
Conc: 20.38 ng/ml



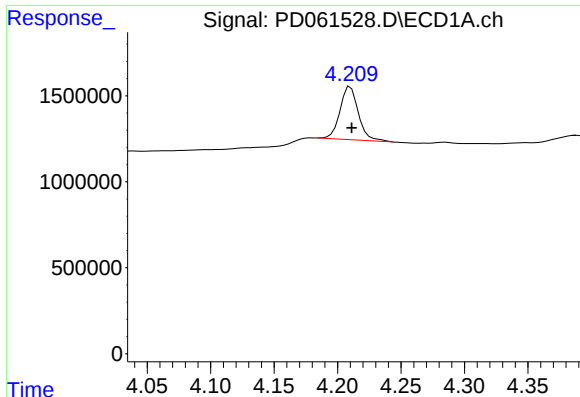
#2 alpha-BHC

R.T.: 3.926 min
Delta R.T.: 0.000 min
Response: 3024910
Conc: 2.45 ng/ml



#2 alpha-BHC

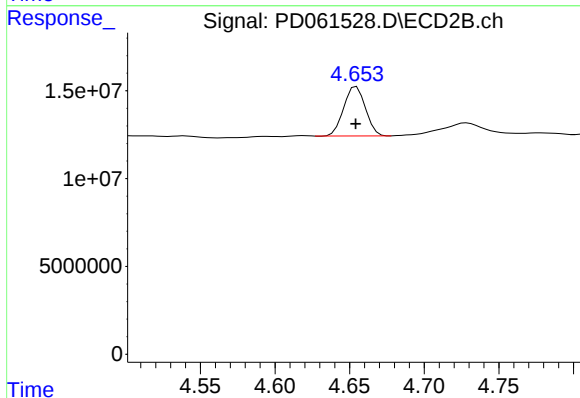
R.T.: 4.371 min
Delta R.T.: 0.000 min
Response: 31804212
Conc: 2.45 ng/ml



#3 gamma-BHC (Lindane)

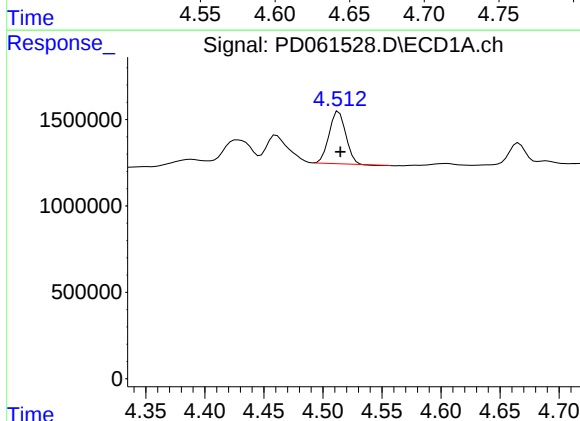
R.T.: 4.210 min
Delta R.T.: 0.000 min
Response: 3070127
Conc: 2.61 ng/ml

Instrument :
ECD_D
ClientSampleId :



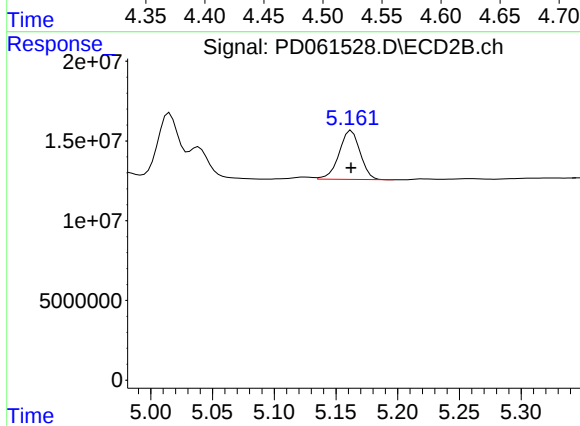
#3 gamma-BHC (Lindane)

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 28528227
Conc: 2.35 ng/ml



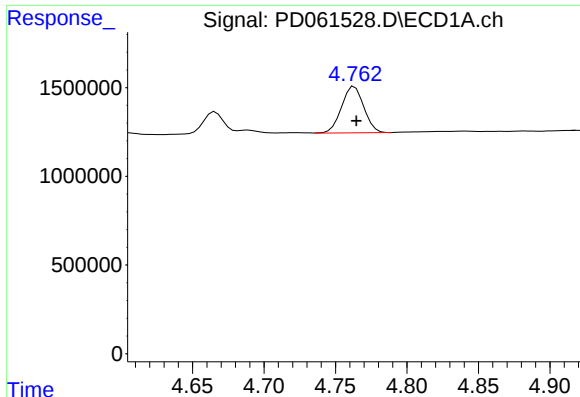
#4 Heptachlor

R.T.: 4.513 min
Delta R.T.: -0.001 min
Response: 2861940
Conc: 2.31 ng/ml



#4 Heptachlor

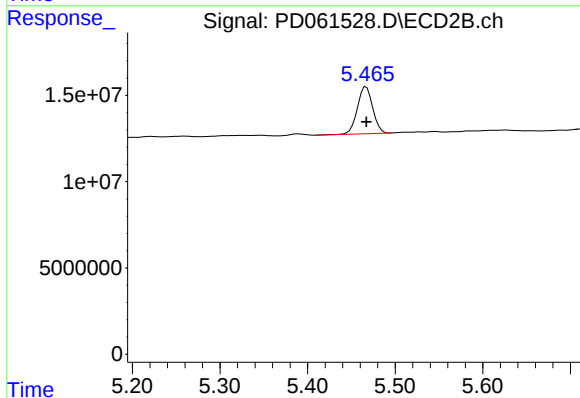
R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 36466187
Conc: 2.86 ng/ml



#5 Aldrin

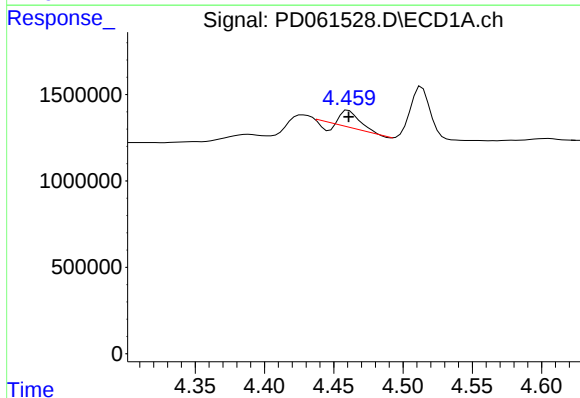
R.T.: 4.763 min
Delta R.T.: -0.001 min
Response: 2837954
Conc: 2.42 ng/ml

Instrument :
ECD_D
ClientSampleId :



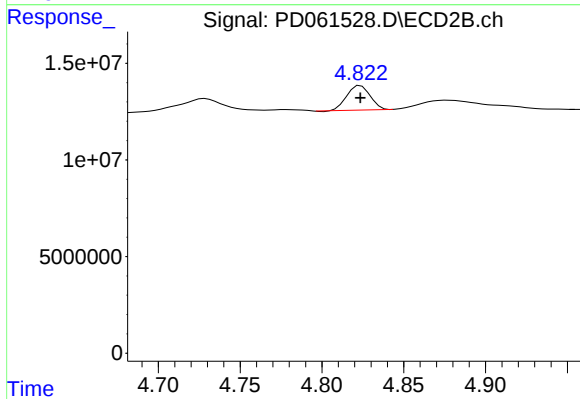
#5 Aldrin

R.T.: 5.467 min
Delta R.T.: 0.000 min
Response: 33041109
Conc: 2.76 ng/ml



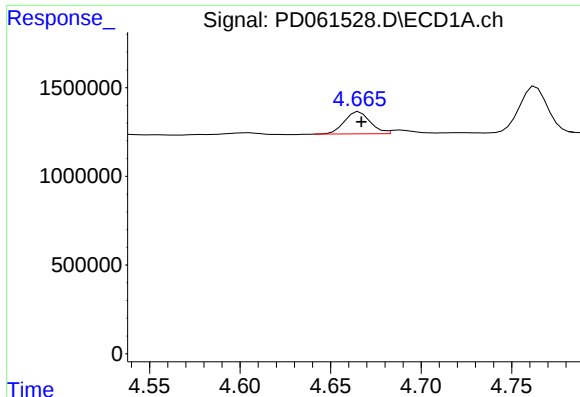
#6 beta-BHC

R.T.: 4.461 min
Delta R.T.: 0.000 min
Response: 698551
Conc: 1.32 ng/ml



#6 beta-BHC

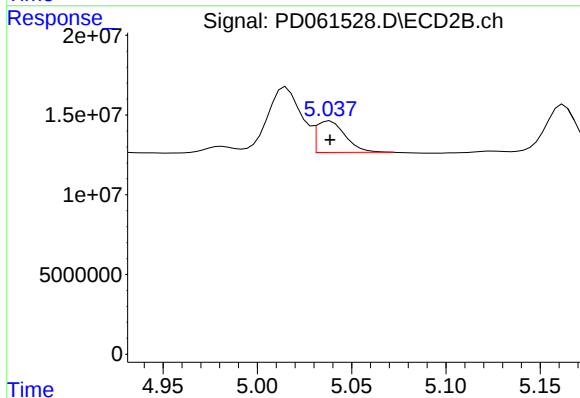
R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 12519721
Conc: 2.57 ng/ml



#7 delta-BHC

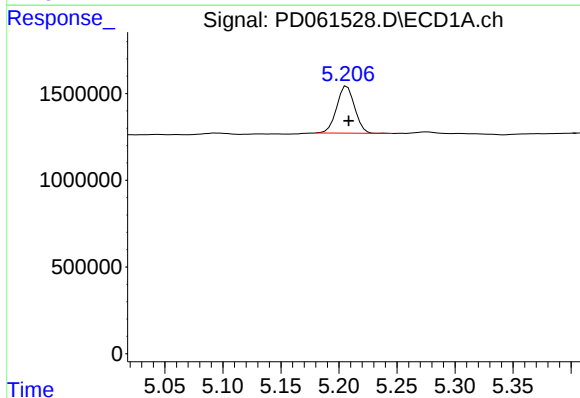
R.T.: 4.666 min
Delta R.T.: -0.001 min
Response: 1249139
Conc: 1.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



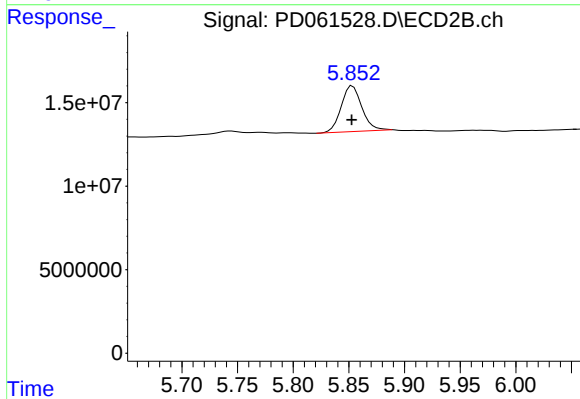
#7 delta-BHC

R.T.: 5.039 min
Delta R.T.: 0.000 min
Response: 20900353
Conc: 1.74 ng/ml



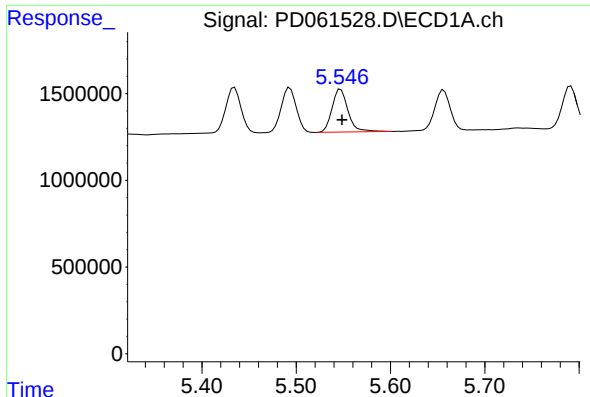
#8 Heptachlor epoxide

R.T.: 5.207 min
Delta R.T.: -0.001 min
Response: 2912216
Conc: 2.56 ng/ml



#8 Heptachlor epoxide

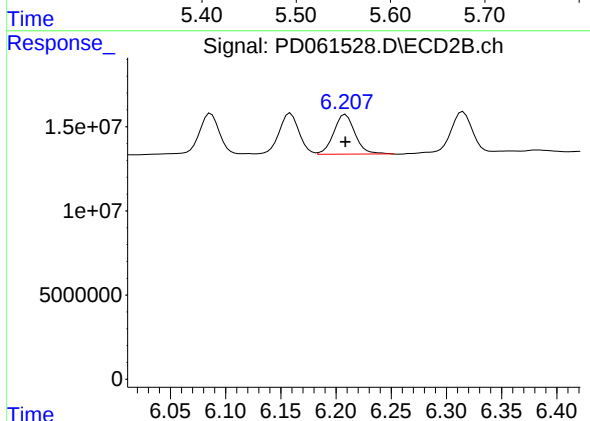
R.T.: 5.853 min
Delta R.T.: 0.000 min
Response: 35672065
Conc: 3.28 ng/ml



#9 Endosulfan I

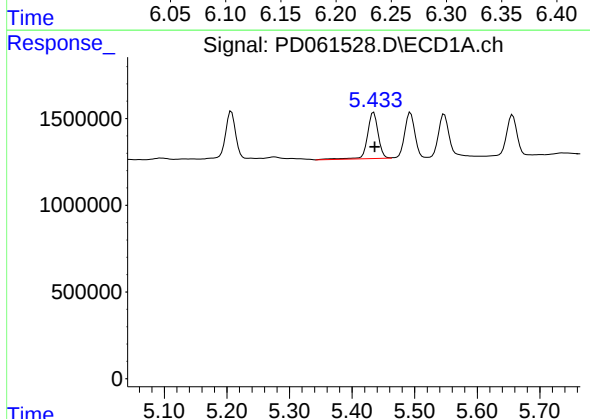
R.T.: 5.547 min
Delta R.T.: -0.002 min
Response: 2908371
Conc: 2.68 ng/ml

Instrument :
ECD_D
ClientSampleId :



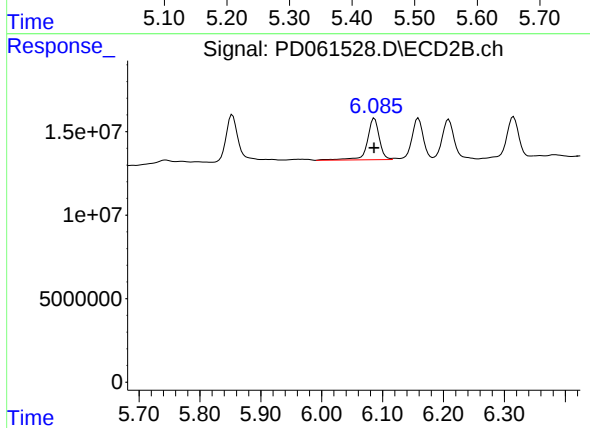
#9 Endosulfan I

R.T.: 6.209 min
Delta R.T.: 0.000 min
Response: 31787319
Conc: 3.06 ng/ml



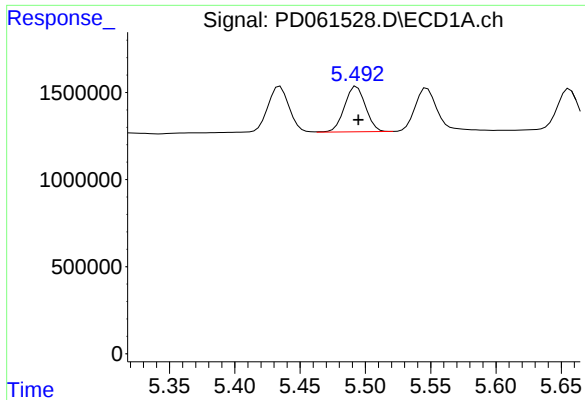
#10 gamma-Chlordane

R.T.: 5.435 min
Delta R.T.: -0.001 min
Response: 3192168
Conc: 2.74 ng/ml



#10 gamma-Chlordane

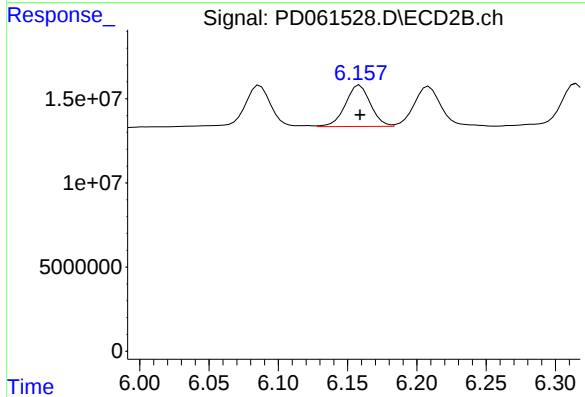
R.T.: 6.087 min
Delta R.T.: 0.000 min
Response: 33906023
Conc: 3.00 ng/ml



#11 alpha-Chlordane

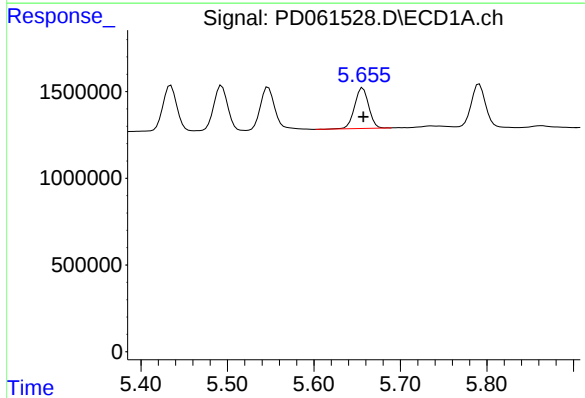
R.T.: 5.493 min
Delta R.T.: -0.001 min
Response: 2931731
Conc: 2.53 ng/ml

Instrument :
ECD_D
ClientSampleId :



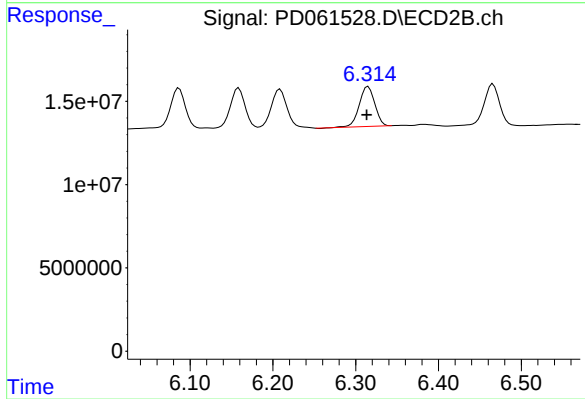
#11 alpha-Chlordane

R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 31128315
Conc: 2.86 ng/ml



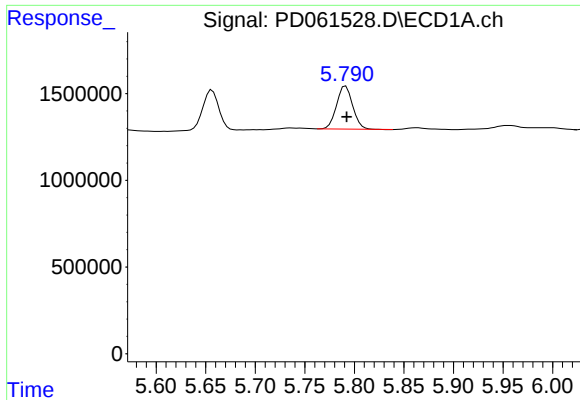
#12 4,4'-DDE

R.T.: 5.656 min
Delta R.T.: 0.000 min
Response: 2645498
Conc: 2.41 ng/ml



#12 4,4'-DDE

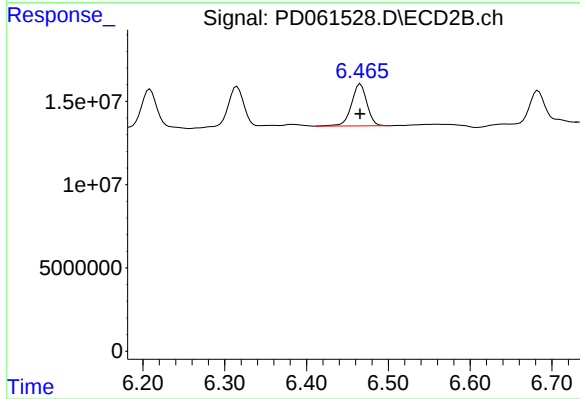
R.T.: 6.315 min
Delta R.T.: 0.002 min
Response: 31226253
Conc: 2.81 ng/ml



#13 Dieldrin

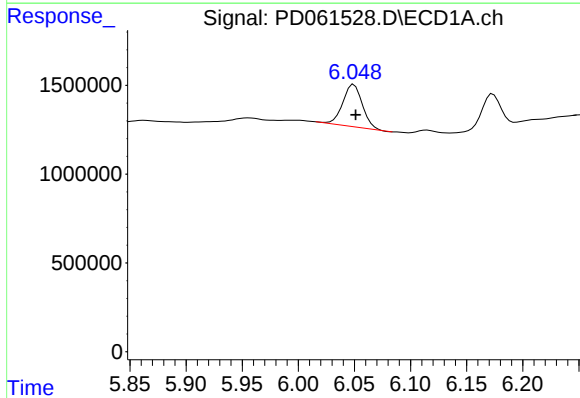
R.T.: 5.791 min
Delta R.T.: -0.001 min
Response: 2804292
Conc: 2.44 ng/ml

Instrument :
ECD_D
ClientSampleId :



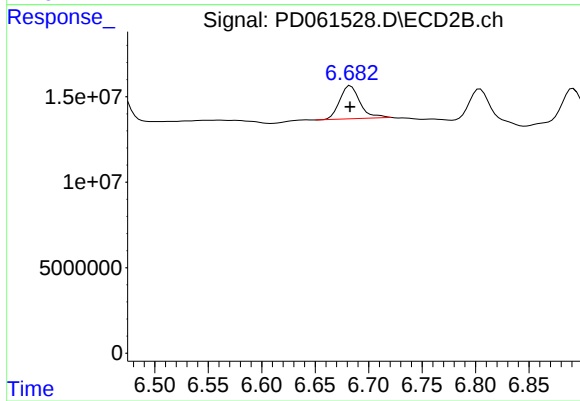
#13 Dieldrin

R.T.: 6.466 min
Delta R.T.: 0.000 min
Response: 32894647
Conc: 2.98 ng/ml



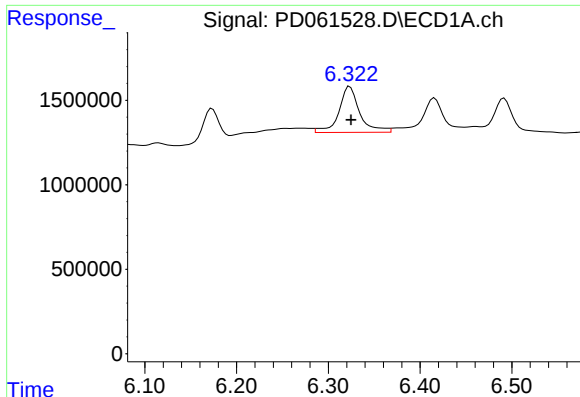
#14 Endrin

R.T.: 6.050 min
Delta R.T.: -0.002 min
Response: 2810495
Conc: 2.66 ng/ml



#14 Endrin

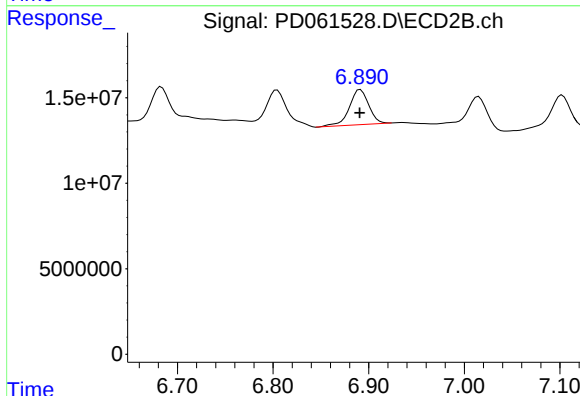
R.T.: 6.683 min
Delta R.T.: 0.000 min
Response: 25825998
Conc: 2.75 ng/ml



#15 Endosulfan II

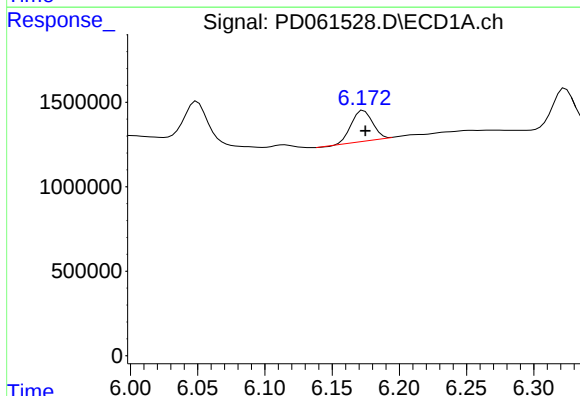
R.T.: 6.324 min
Delta R.T.: -0.001 min
Response: 4277635
Conc: 4.28 ng/ml

Instrument :
ECD_D
ClientSampleId :



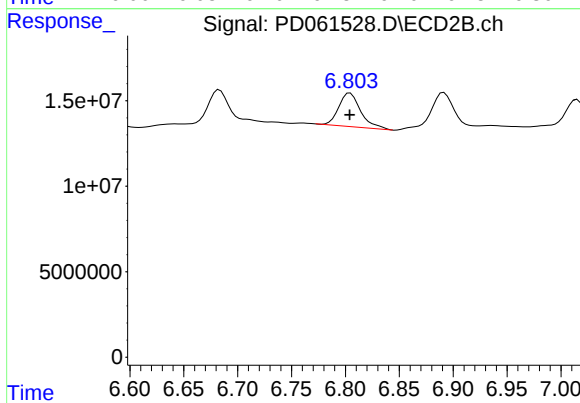
#15 Endosulfan II

R.T.: 6.891 min
Delta R.T.: 0.000 min
Response: 29016660
Conc: 3.25 ng/ml



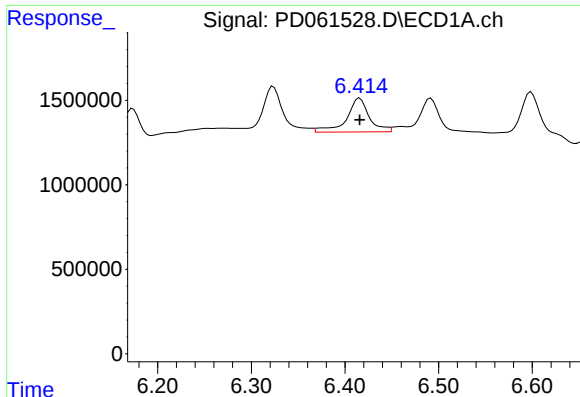
#16 4,4'-DDD

R.T.: 6.173 min
Delta R.T.: -0.001 min
Response: 1990156
Conc: 2.14 ng/ml



#16 4,4'-DDD

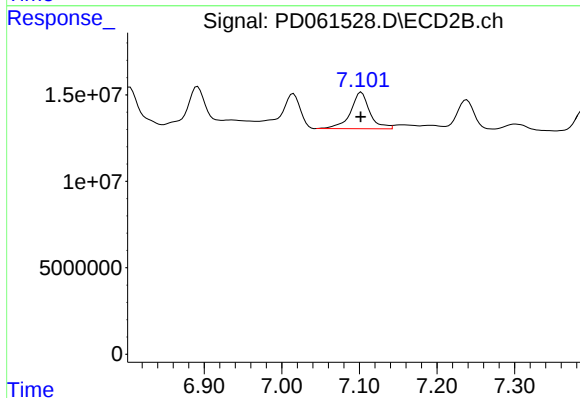
R.T.: 6.804 min
Delta R.T.: 0.000 min
Response: 27349479
Conc: 3.05 ng/ml



#17 4,4'-DDT

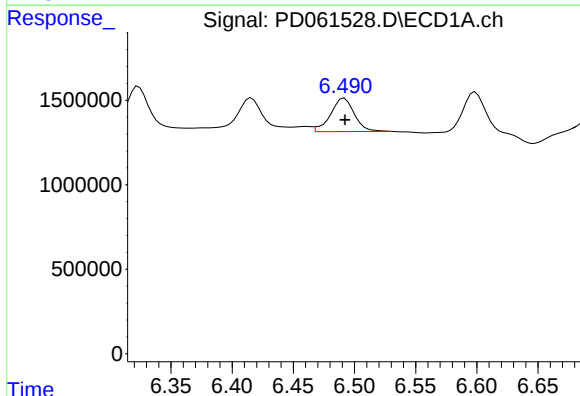
R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 3380861
Conc: 3.40 ng/ml

Instrument :
ECD_D
ClientSampleId :



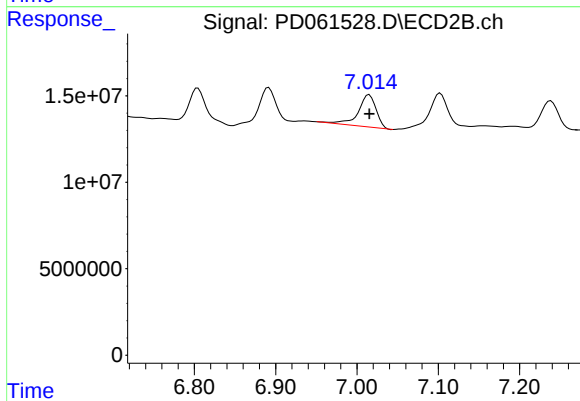
#17 4,4'-DDT

R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 36340951
Conc: 3.93 ng/ml



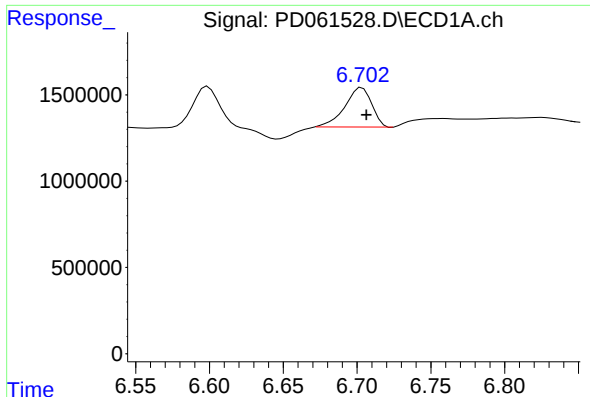
#18 Endrin aldehyde

R.T.: 6.492 min
Delta R.T.: 0.000 min
Response: 2672103
Conc: 3.24 ng/ml



#18 Endrin aldehyde

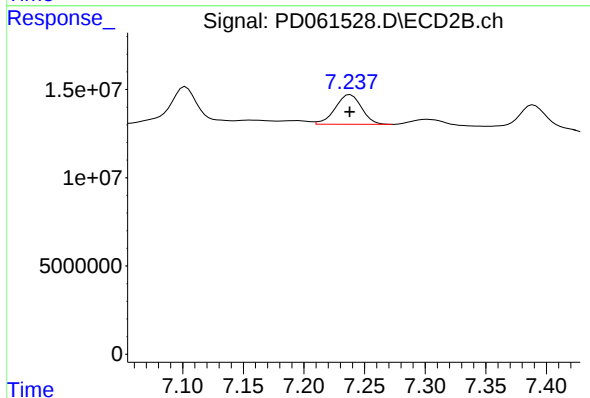
R.T.: 7.015 min
Delta R.T.: 0.000 min
Response: 28752829
Conc: 4.00 ng/ml



#19 Endosulfan Sulfate

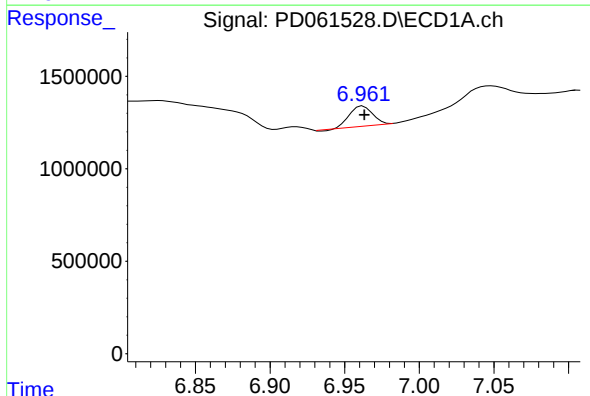
R.T.: 6.703 min
Delta R.T.: -0.003 min
Response: 2895733
Conc: 2.79 ng/ml

Instrument :
ECD_D
ClientSampleId :



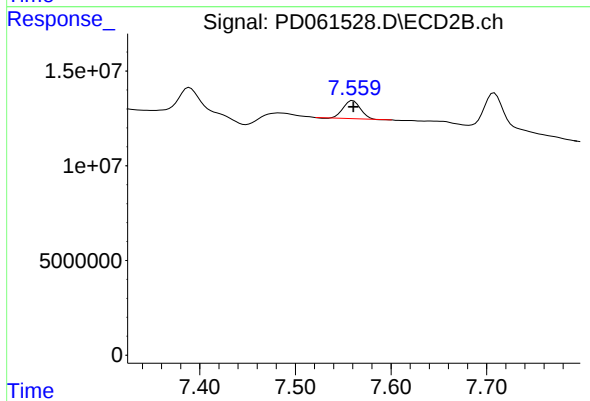
#19 Endosulfan Sulfate

R.T.: 7.238 min
Delta R.T.: 0.000 min
Response: 25404010
Conc: 2.76 ng/ml



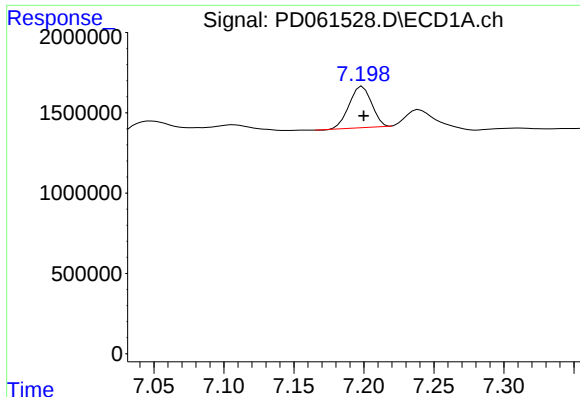
#20 Methoxychlor

R.T.: 6.962 min
Delta R.T.: -0.001 min
Response: 1158448
Conc: 2.06 ng/ml



#20 Methoxychlor

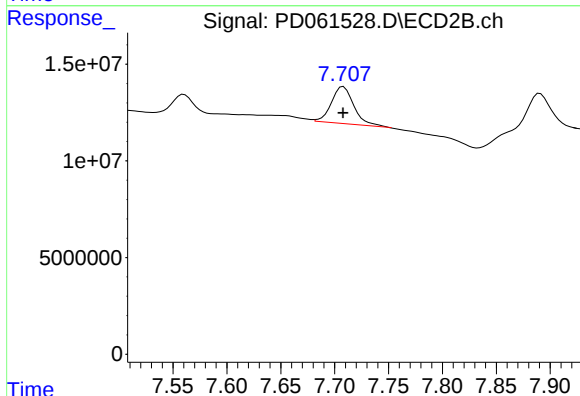
R.T.: 7.560 min
Delta R.T.: 0.000 min
Response: 11782940
Conc: 2.55 ng/ml



#21 Endrin ketone

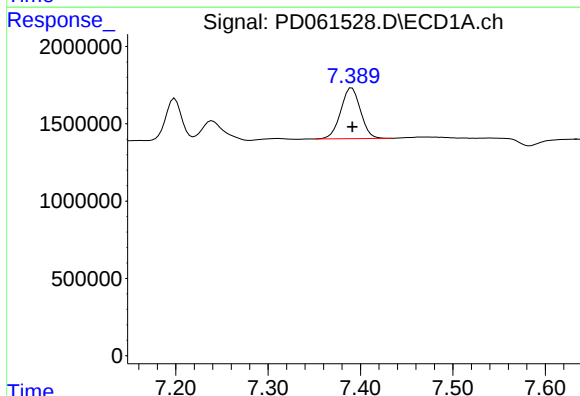
R.T.: 7.199 min
Delta R.T.: 0.000 min
Response: 2856892
Conc: 2.31 ng/ml

Instrument :
ECD_D
ClientSampleId :



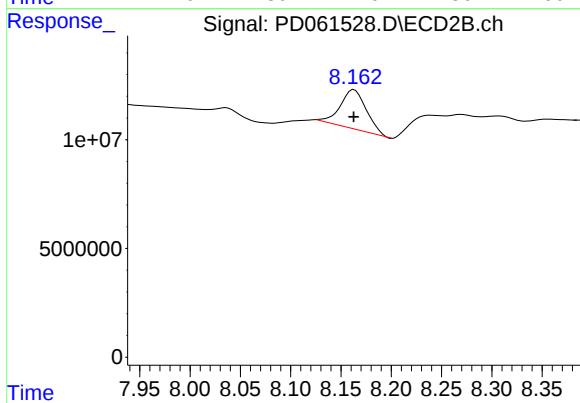
#21 Endrin ketone

R.T.: 7.708 min
Delta R.T.: 0.000 min
Response: 27380933
Conc: 2.97 ng/ml



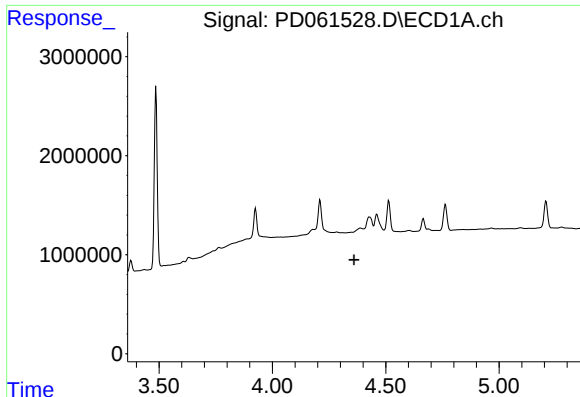
#22 Mirex

R.T.: 7.391 min
Delta R.T.: 0.000 min
Response: 4890062
Conc: 4.93 ng/ml



#22 Mirex

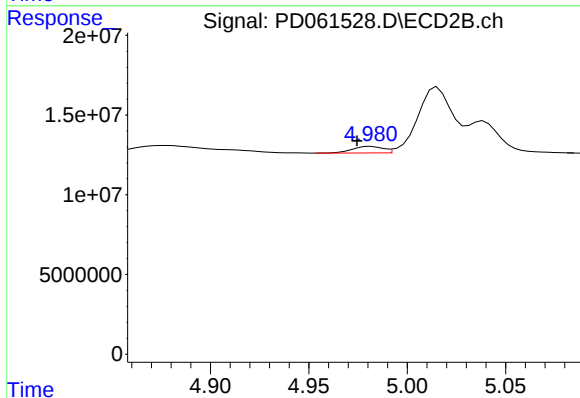
R.T.: 8.163 min
Delta R.T.: 0.000 min
Response: 32752741
Conc: 5.39 ng/ml



#23 Chlordane-1

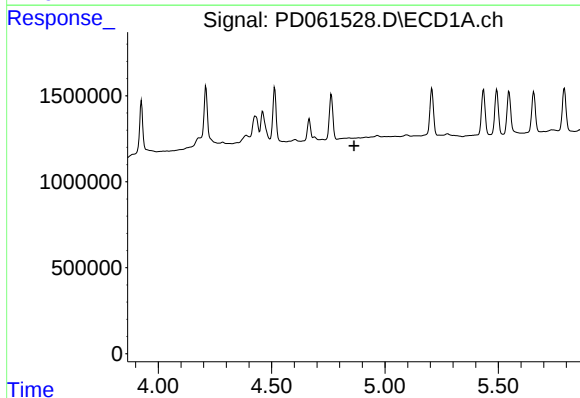
R.T.: 4.388 min
Delta R.T.: 0.027 min
Response: -78184
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



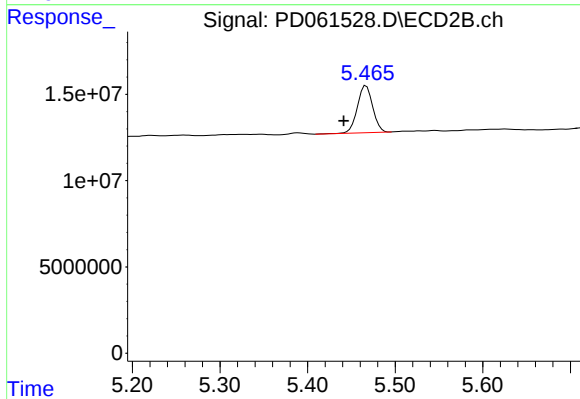
#23 Chlordane-1

R.T.: 4.981 min
Delta R.T.: 0.007 min
Response: 4347882
Conc: 10.49 ng/ml



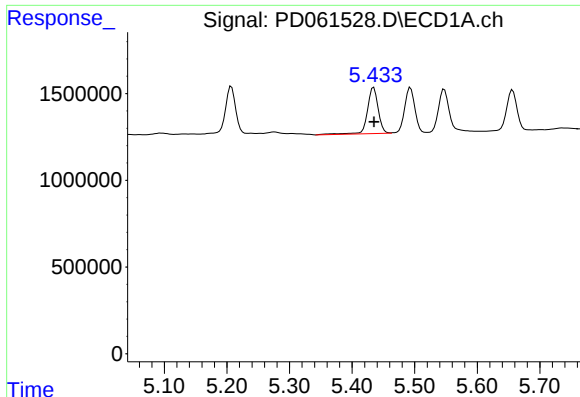
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.864 min
Response: 0
Conc: N.D.



#24 Chlordane-2

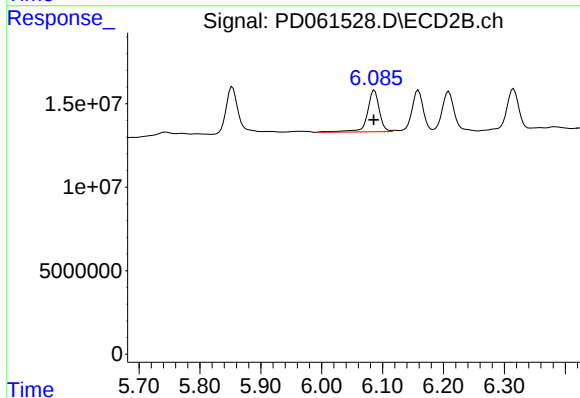
R.T.: 5.467 min
Delta R.T.: 0.026 min
Response: 33041109
Conc: 82.17 ng/ml



#25 Chlordane-3

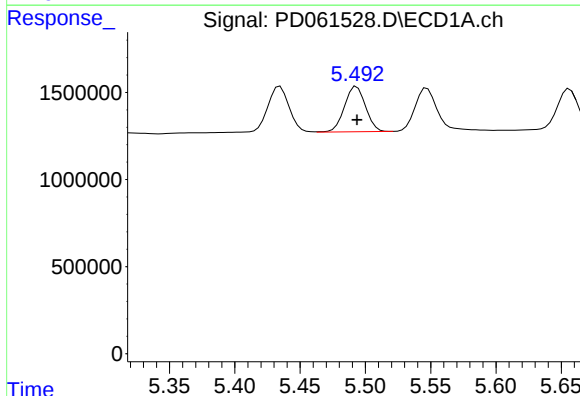
R.T.: 5.435 min
Delta R.T.: 0.000 min
Response: 3192168
Conc: 25.46 ng/ml

Instrument :
ECD_D
ClientSampleId :



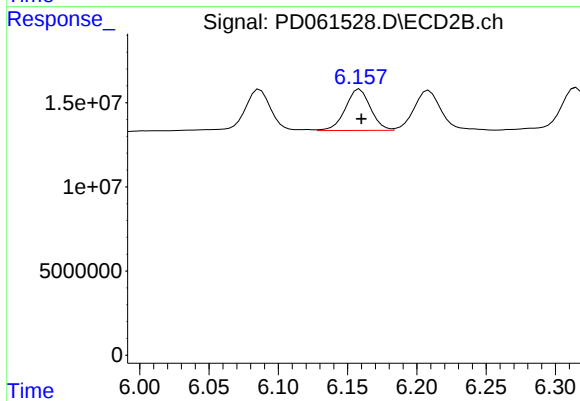
#25 Chlordane-3

R.T.: 6.087 min
Delta R.T.: 0.001 min
Response: 33906023
Conc: 19.48 ng/ml



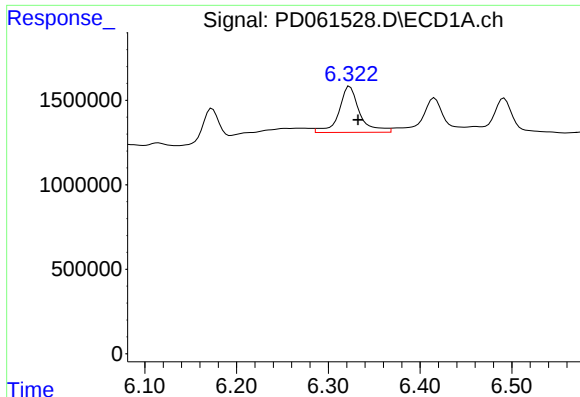
#26 Chlordane-4

R.T.: 5.493 min
Delta R.T.: 0.000 min
Response: 2931731
Conc: 28.09 ng/ml



#26 Chlordane-4

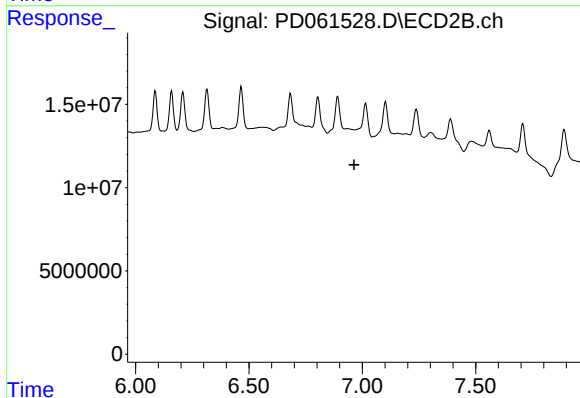
R.T.: 6.159 min
Delta R.T.: -0.001 min
Response: 31128315
Conc: 15.44 ng/ml



#27 Chlordane-5

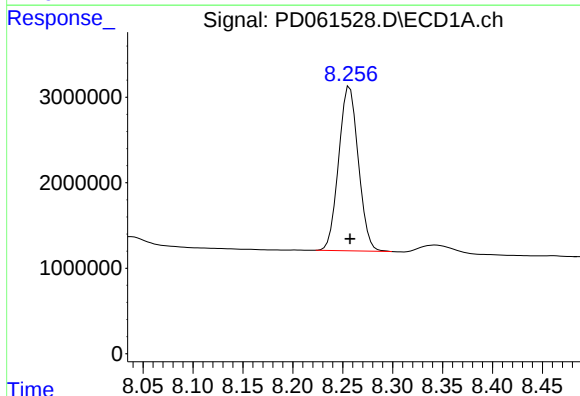
R.T.: 6.324 min
Delta R.T.: -0.009 min
Response: 4277635
Conc: 88.32 ng/ml

Instrument :
ECD_D
ClientSampleId :



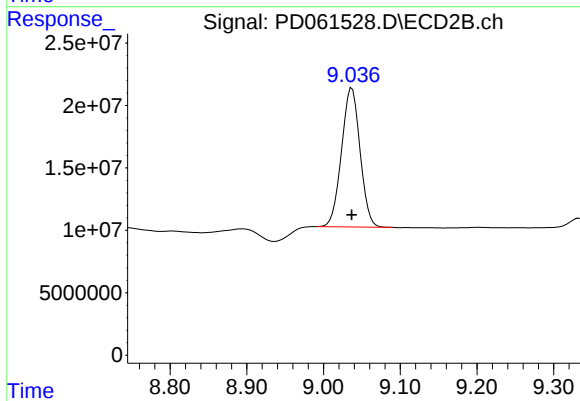
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.963 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.257 min
Delta R.T.: 0.000 min
Response: 26317309
Conc: 21.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.037 min
Delta R.T.: 0.000 min
Response: 187536913
Conc: 21.74 ng/ml