

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090425\
 Data File : PD090141.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Sep 2025 09:27
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 05 02:01:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 19 13:16:54 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...	3.549	2.877	57822368	467.9E6	19.702	21.219
28)	SA Decachlor...	9.071	8.065	83220523	515.3E6	19.282	19.908
Target Compounds							
2)	A alpha-BHC	3.998	3.389	56870544	392.4E6	9.475	11.563
3)	MA gamma-BHC...	4.329	3.725	55380689	352.4E6	9.670	11.305
4)	MA Heptachlor	0.000	4.076	0	1660331	N.D.	0.053 #
5)	MB Aldrin	5.255	4.358	295374	1635606	0.055	0.054
6)	B beta-BHC	4.515	4.021	23323725	152.5E6	10.398	11.439
7)	B delta-BHC	4.774	4.256	980830	1018737	0.189	0.032 #
8)	B Heptachlo...	5.673	4.867	261938	4016355	0.053	0.145 #
9)	A Endosulfan I	0.000	5.226f	0	4295355	N.D.	0.164 #
10)	B gamma-Chl...	5.942	5.120	342926	43235738	0.070	1.460 #
11)	B alpha-Chl...	6.031	5.185	836140	10314967	0.170	0.361 #
12)	B 4,4'-DDE	6.195	5.370	630171	5377470	0.144	0.187 #
13)	MA Dieldrin	6.366f	5.506	2605611	451563	0.532	0.015 #
14)	MA Endrin	6.573	5.783	195.5E6	1316.2E6	47.193	49.421
15)	B Endosulfa...	6.771	6.080	576463	11971173	0.137	0.473 #
16)	A 4,4'-DDD	6.704	5.923	17578062	141.0E6	5.082	5.866
17)	MA 4,4'-DDT	7.020	6.177	330.1E6	2278.0E6	86.648	90.869
18)	B Endrin al...	6.914	6.252	3159221	26300929	1.102	1.527 #
19)	B Endosulfa...	0.000	6.451f	0	2776017	N.D.	0.114 #
20)	A Methoxychlor	7.493	6.747	397.7E6	2417.1E6	198.292	187.435
21)	B Endrin ke...	7.630	6.985	9488657	101.6E6	2.289	3.814 #
22)	Mirex	0.000	7.170	0	3583419	N.D.	0.173 #
23)	Chlordane-1	0.000	3.898	0	1007943	N.D.	1.134 #
24)	Chlordane-2	5.255	4.487	295374	3656632	1.678	3.817 #
25)	Chlordane-3	5.942	5.120	342926	43235738	0.506	15.603 #
26)	Chlordane-4	6.031	5.185	836140	10314967	1.007	4.286 #
27)	Chlordane-5	6.872	6.080	118050	11971173	0.842	10.883 #

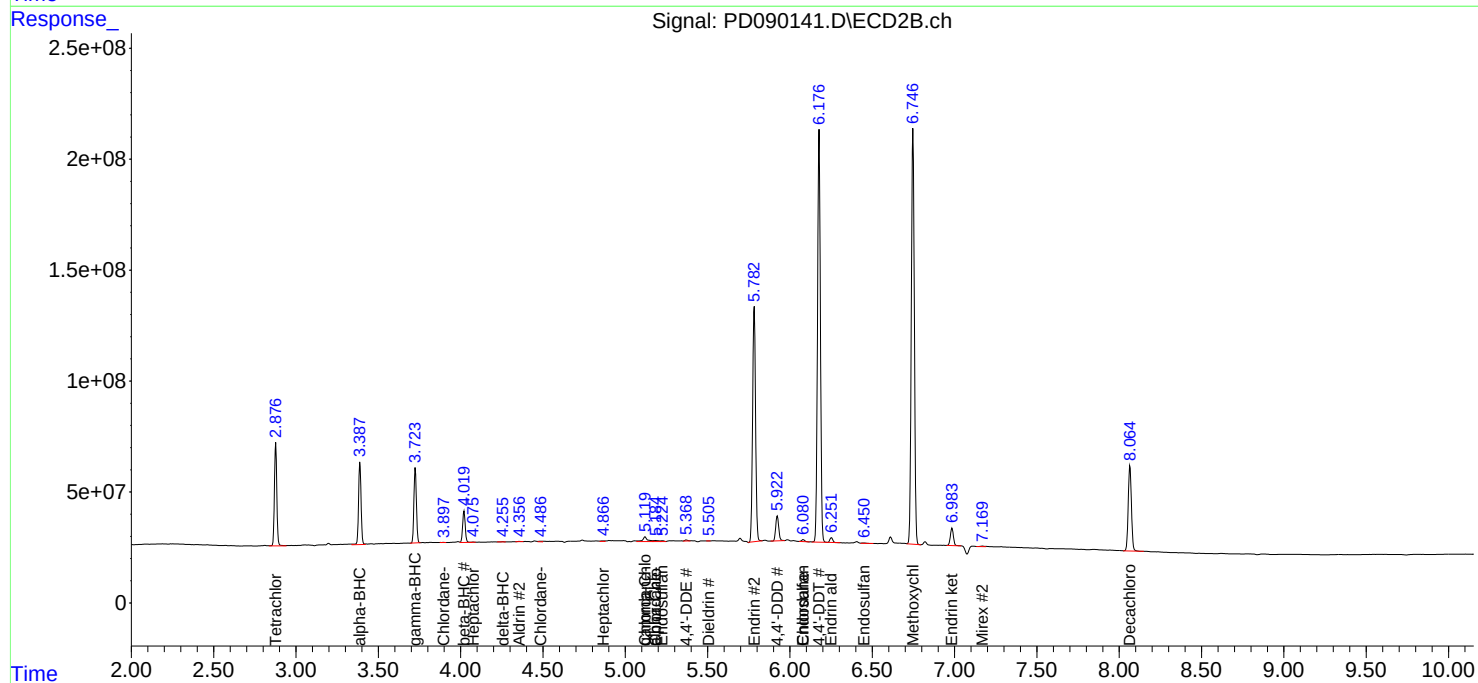
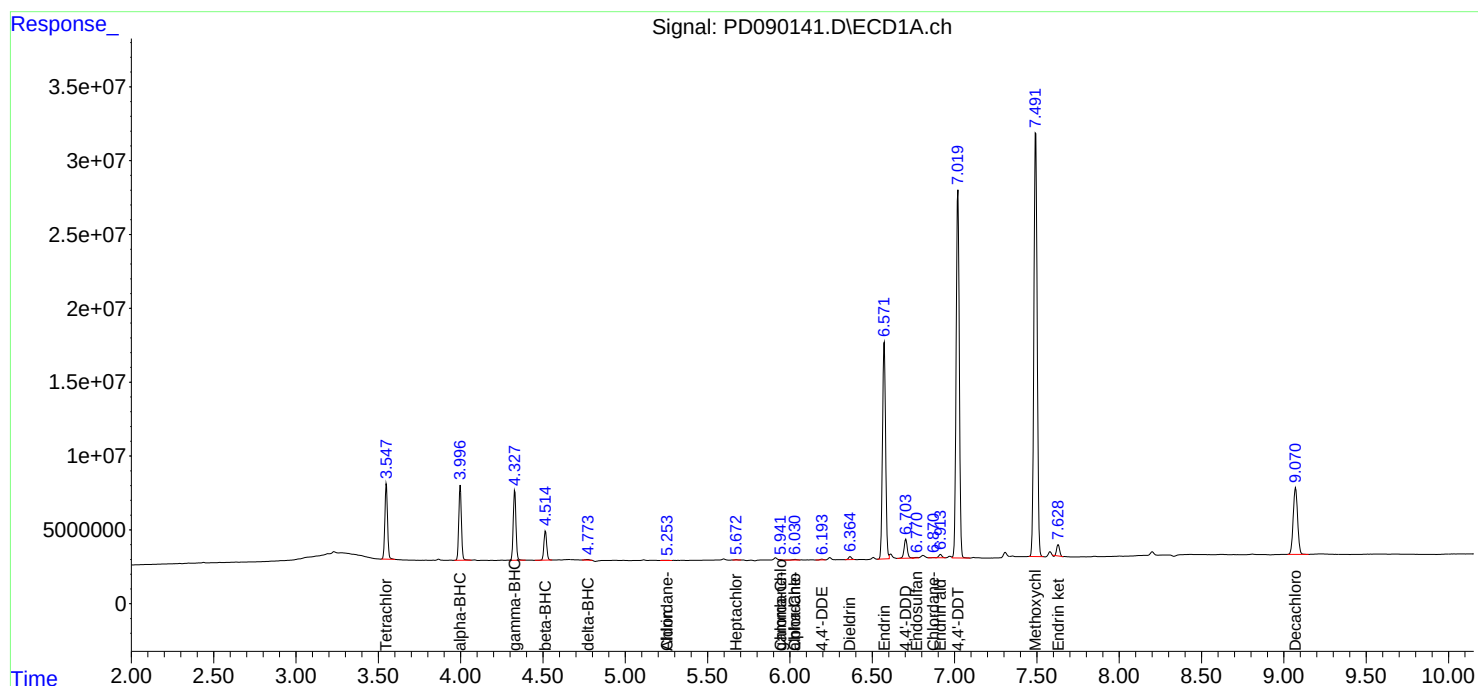
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

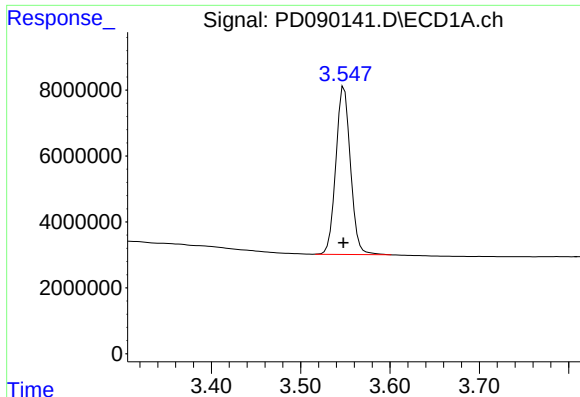
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090425\
Data File : PD090141.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Sep 2025 09:27
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 05 02:01:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD081825.M
Quant Title : GC Extractables
QLast Update : Tue Aug 19 13:16:54 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

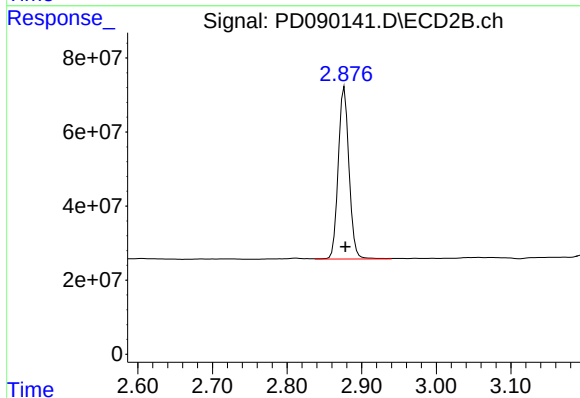




#1 Tetrachloro-m-xylene

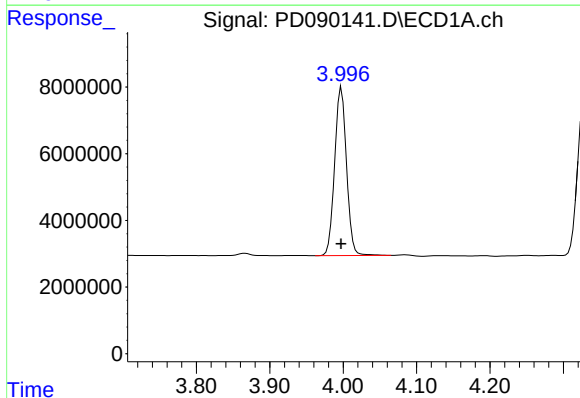
R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 57822368
Conc: 19.70 ng/ml

Instrument :
ECD_D
ClientSampleId :



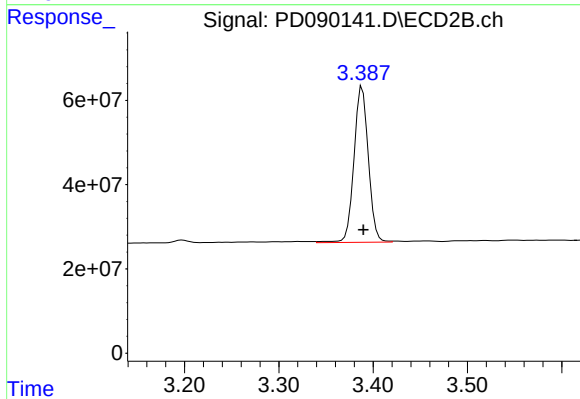
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: -0.001 min
Response: 467893822
Conc: 21.22 ng/ml



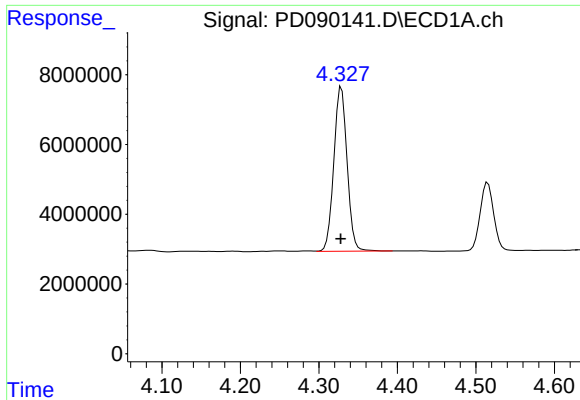
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 56870544
Conc: 9.47 ng/ml



#2 alpha-BHC

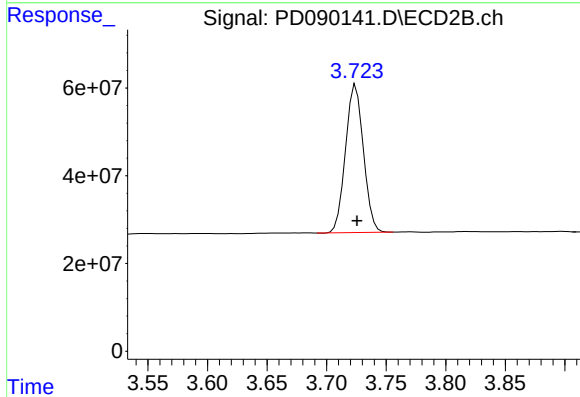
R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 392448463
Conc: 11.56 ng/ml



#3 gamma-BHC (Lindane)

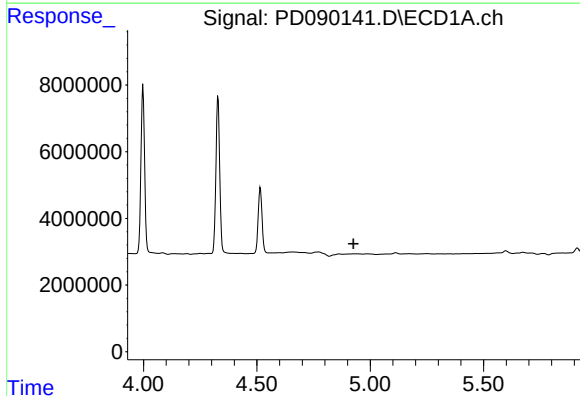
R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 55380689
Conc: 9.67 ng/ml

Instrument :
ECD_D
ClientSampleId :



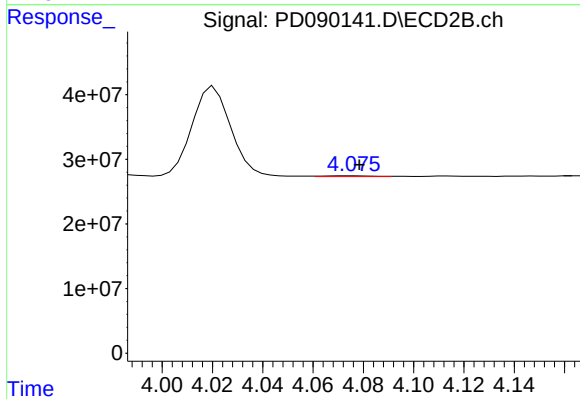
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 352384511
Conc: 11.30 ng/ml



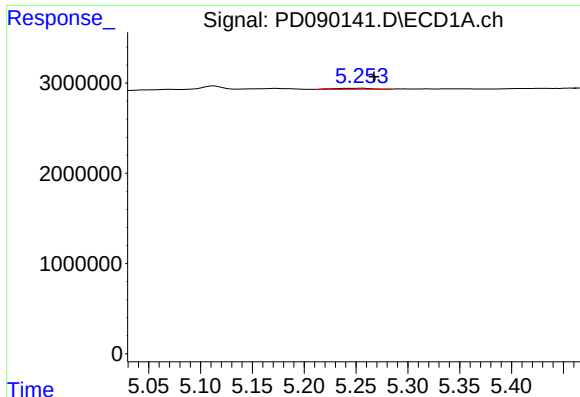
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.926 min
Response: 0
Conc: N.D.



#4 Heptachlor

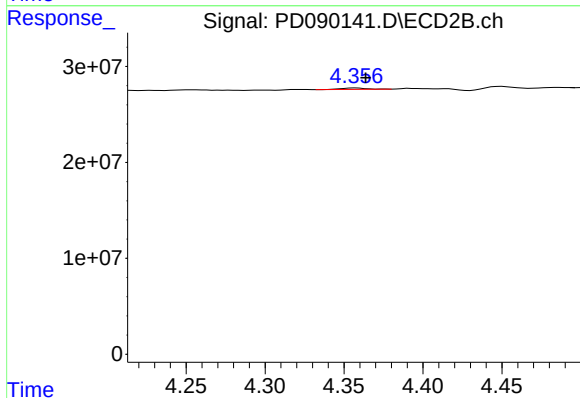
R.T.: 4.076 min
Delta R.T.: -0.002 min
Response: 1660331
Conc: 0.05 ng/ml



#5 Aldrin

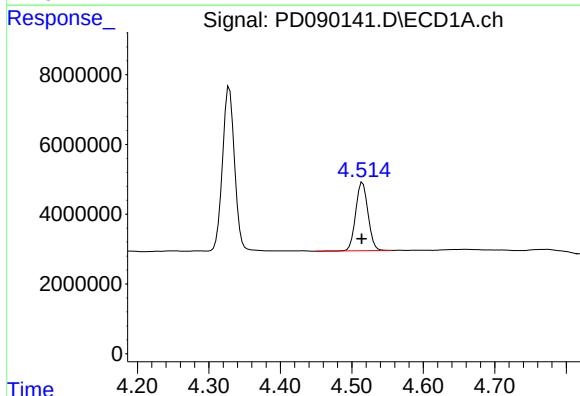
R.T.: 5.255 min
Delta R.T.: -0.013 min
Response: 295374
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :



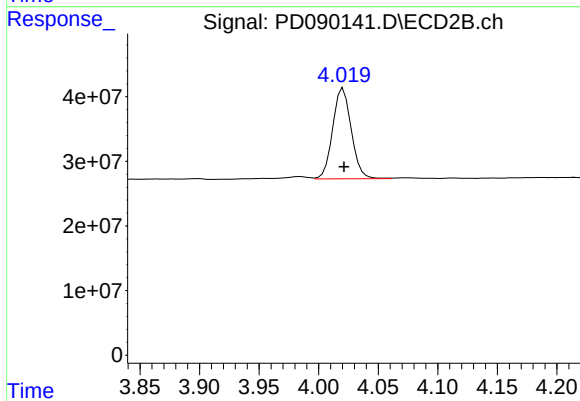
#5 Aldrin

R.T.: 4.358 min
Delta R.T.: -0.006 min
Response: 1635606
Conc: 0.05 ng/ml



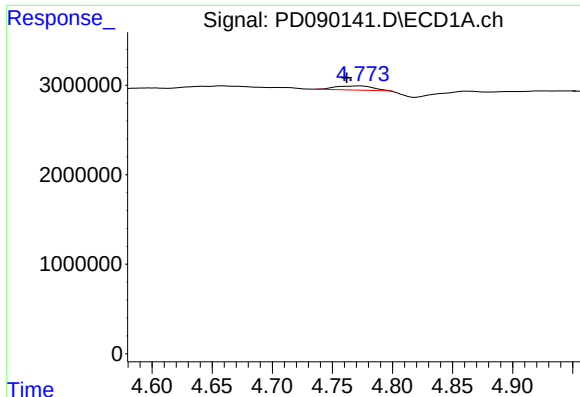
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.001 min
Response: 23323725
Conc: 10.40 ng/ml



#6 beta-BHC

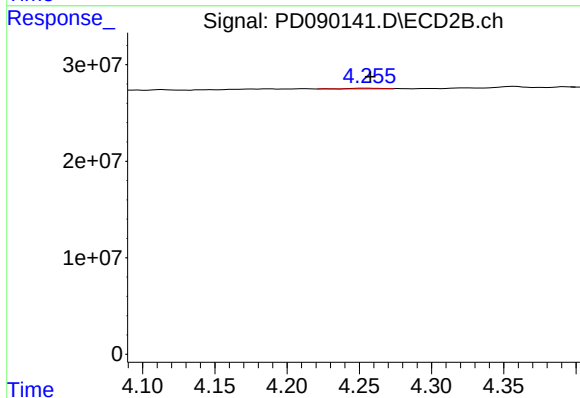
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 152488443
Conc: 11.44 ng/ml



#7 delta-BHC

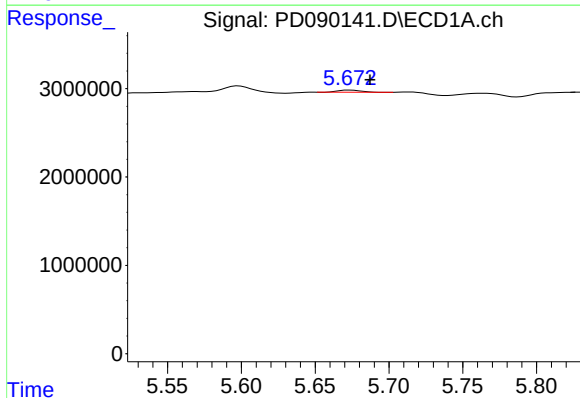
R.T.: 4.774 min
Delta R.T.: 0.012 min
Response: 980830
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :



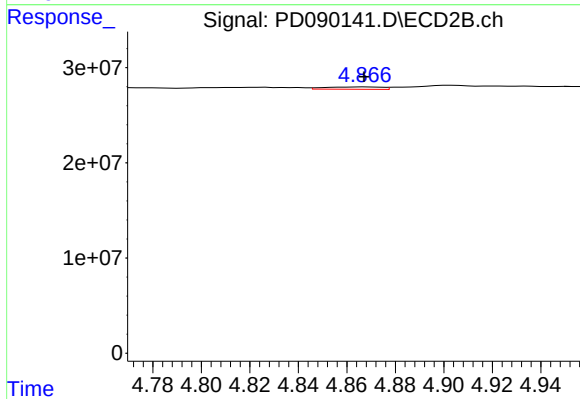
#7 delta-BHC

R.T.: 4.256 min
Delta R.T.: -0.002 min
Response: 1018737
Conc: 0.03 ng/ml



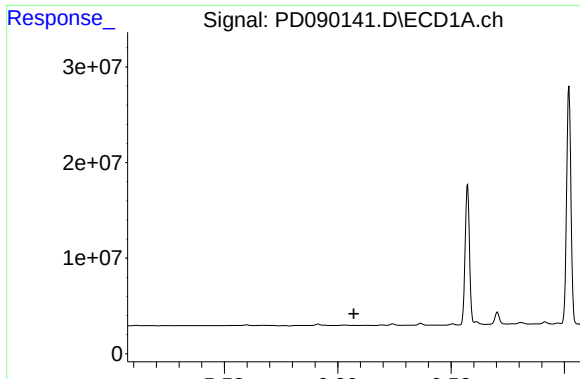
#8 Heptachlor epoxide

R.T.: 5.673 min
Delta R.T.: -0.014 min
Response: 261938
Conc: 0.05 ng/ml



#8 Heptachlor epoxide

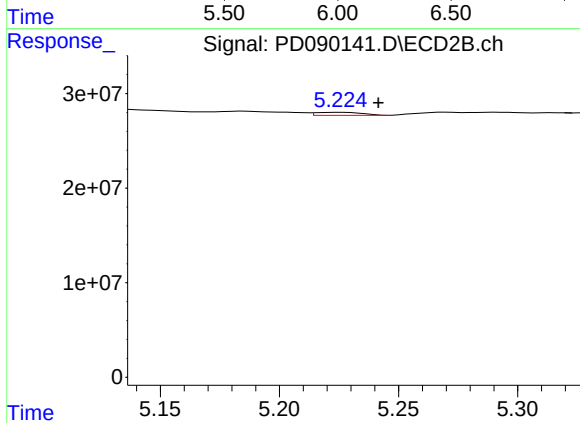
R.T.: 4.867 min
Delta R.T.: 0.000 min
Response: 4016355
Conc: 0.15 ng/ml



#9 Endosulfan I

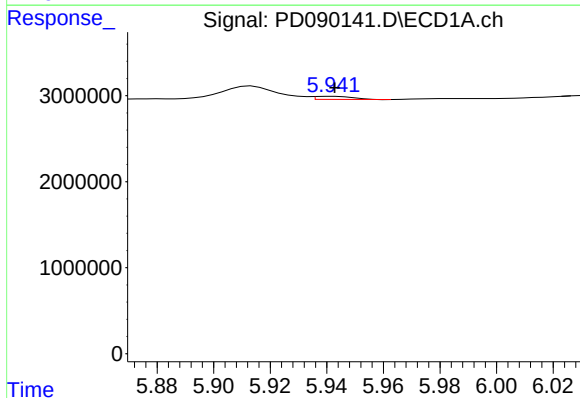
R.T.: 0.000 min
Exp R.T.: 6.071 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



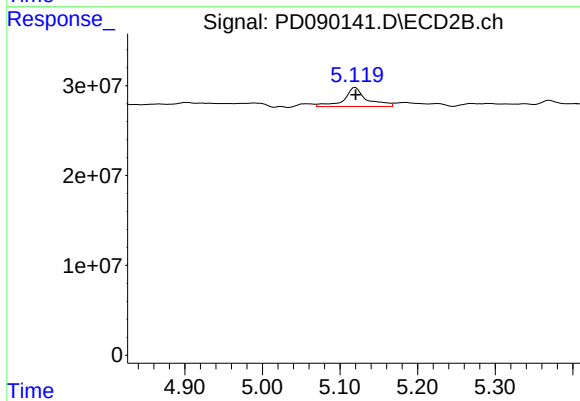
#9 Endosulfan I

R.T.: 5.226 min
Delta R.T.: -0.016 min
Response: 4295355
Conc: 0.16 ng/ml



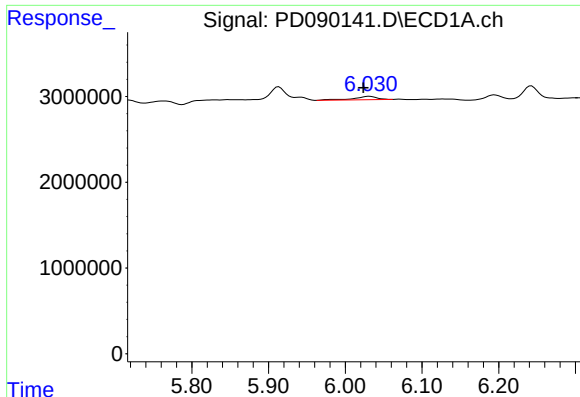
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 342926
Conc: 0.07 ng/ml



#10 gamma-Chlordane

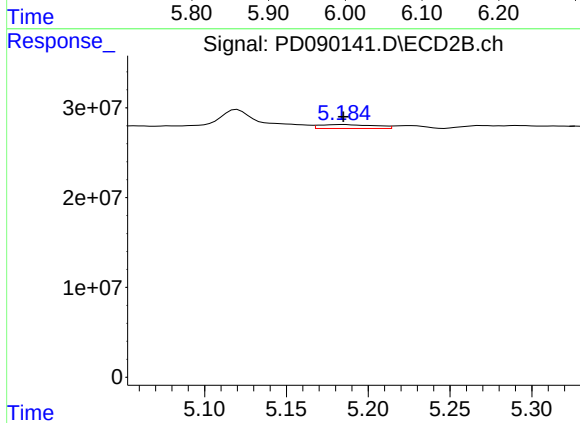
R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 43235738
Conc: 1.46 ng/ml



#11 alpha-Chlordane

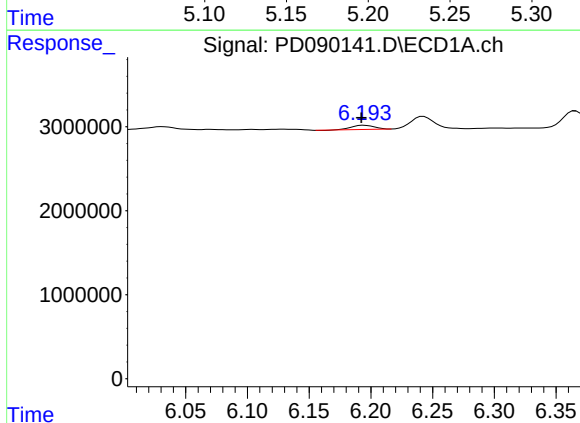
R.T.: 6.031 min
Delta R.T.: 0.008 min
Response: 836140
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :



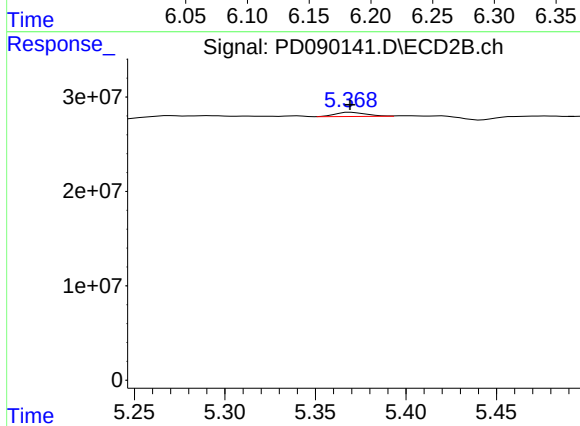
#11 alpha-Chlordane

R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 10314967
Conc: 0.36 ng/ml



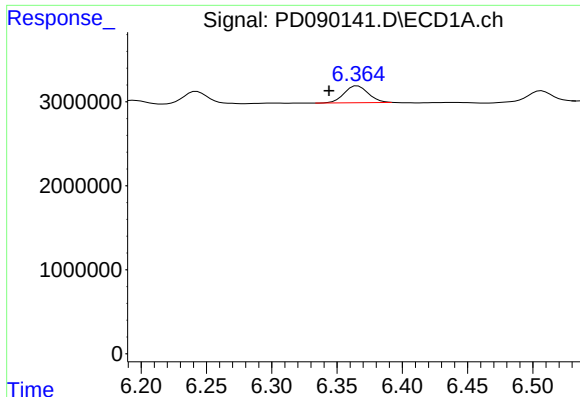
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.002 min
Response: 630171
Conc: 0.14 ng/ml



#12 4,4'-DDE

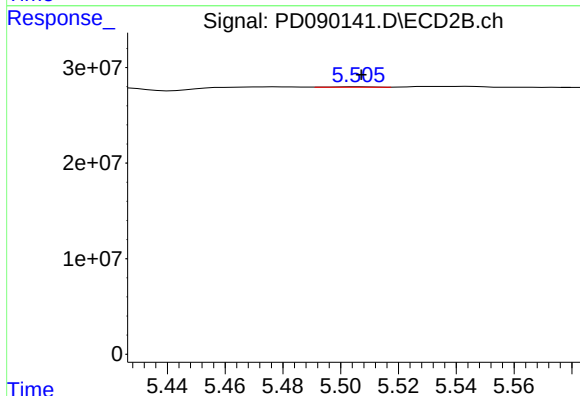
R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 5377470
Conc: 0.19 ng/ml



#13 Dieldrin

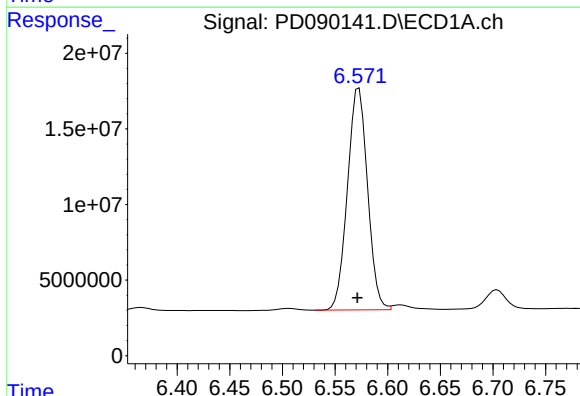
R.T.: 6.366 min
Delta R.T.: 0.022 min
Response: 2605611
Conc: 0.53 ng/ml

Instrument :
ECD_D
ClientSampleId :



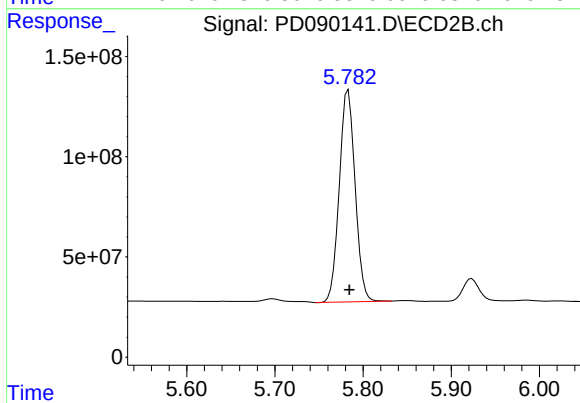
#13 Dieldrin

R.T.: 5.506 min
Delta R.T.: -0.001 min
Response: 451563
Conc: 0.02 ng/ml



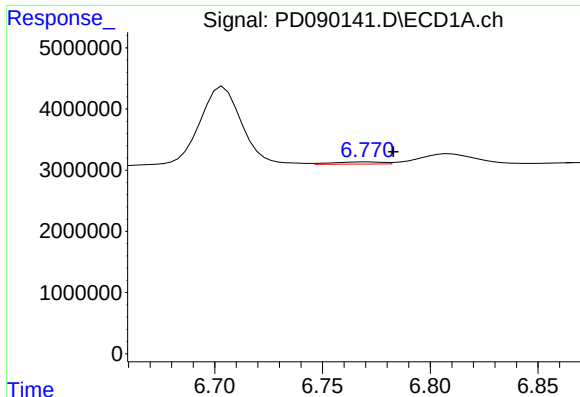
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.002 min
Response: 195545738
Conc: 47.19 ng/ml



#14 Endrin

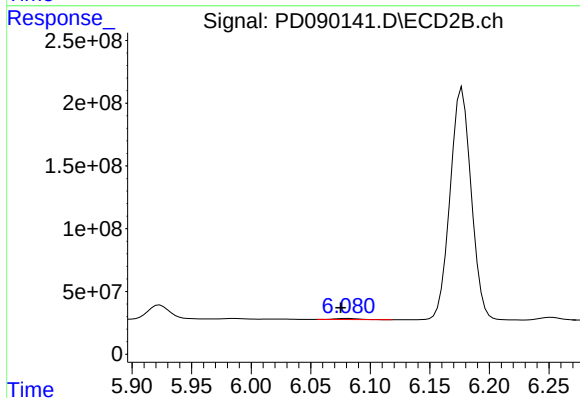
R.T.: 5.783 min
Delta R.T.: -0.001 min
Response: 1316188787
Conc: 49.42 ng/ml



#15 Endosulfan II

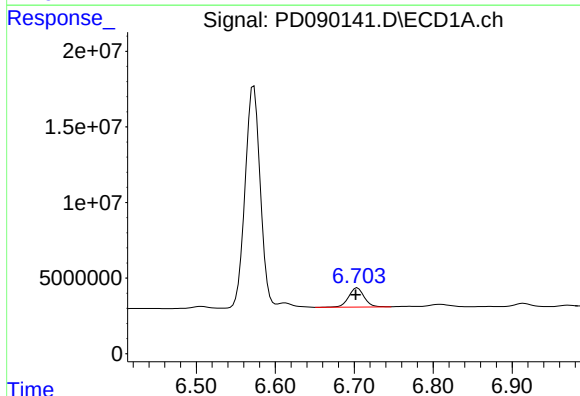
R.T.: 6.771 min
Delta R.T.: -0.012 min
Response: 576463
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



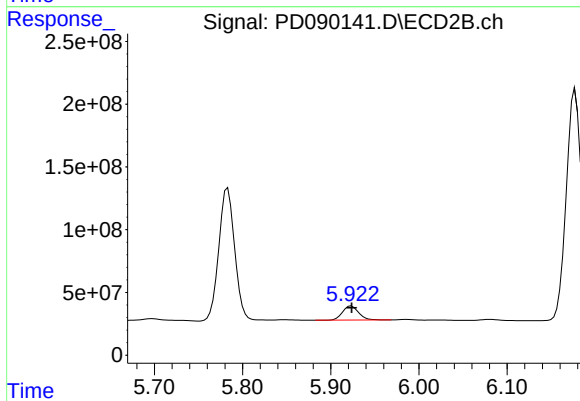
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: 0.005 min
Response: 11971173
Conc: 0.47 ng/ml



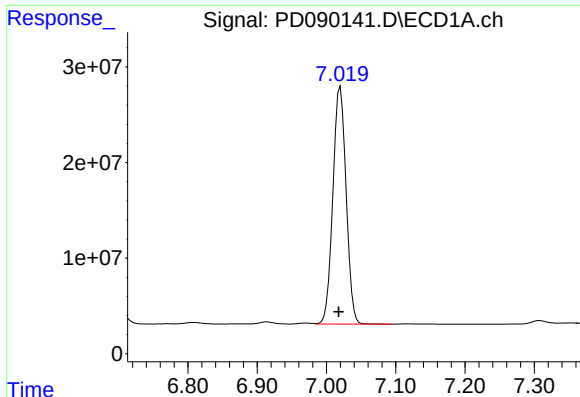
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.002 min
Response: 17578062
Conc: 5.08 ng/ml



#16 4,4'-DDD

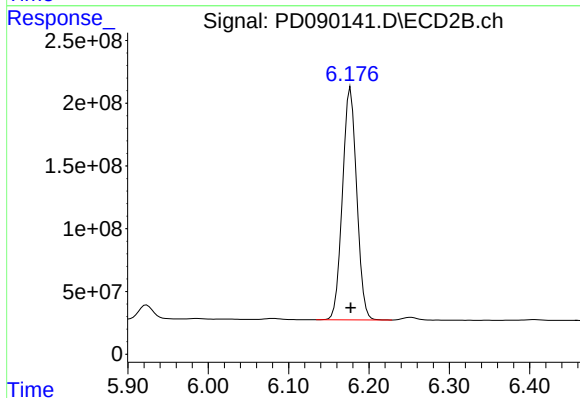
R.T.: 5.923 min
Delta R.T.: 0.000 min
Response: 141043181
Conc: 5.87 ng/ml



#17 4,4'-DDT

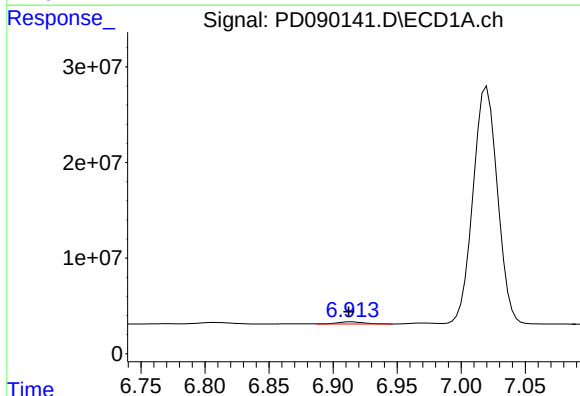
R.T.: 7.020 min
Delta R.T.: 0.002 min
Response: 330108177
Conc: 86.65 ng/ml

Instrument :
ECD_D
ClientSampleId :



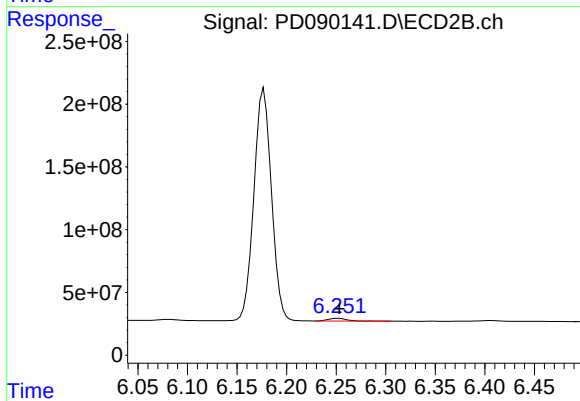
#17 4,4'-DDT

R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 2278049624
Conc: 90.87 ng/ml



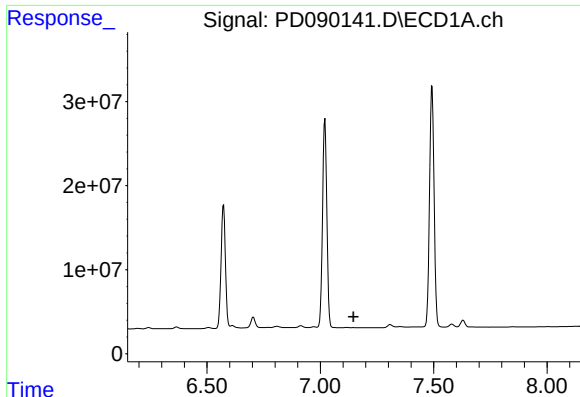
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.002 min
Response: 3159221
Conc: 1.10 ng/ml



#18 Endrin aldehyde

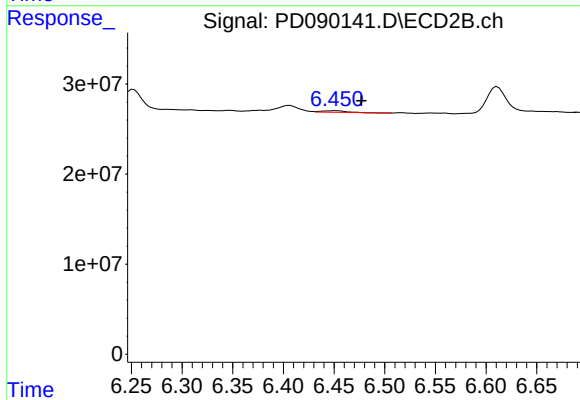
R.T.: 6.252 min
Delta R.T.: -0.001 min
Response: 26300929
Conc: 1.53 ng/ml



#19 Endosulfan Sulfate

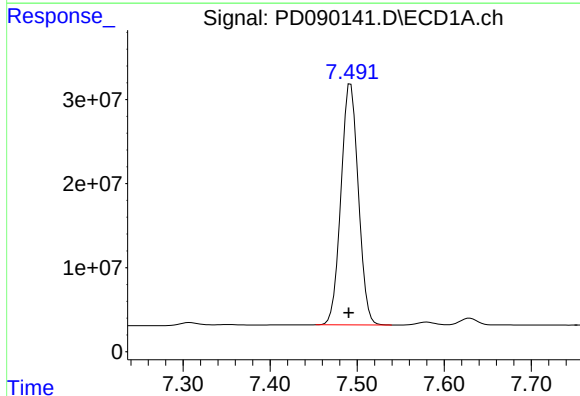
R.T.: 0.000 min
Exp R.T.: 7.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



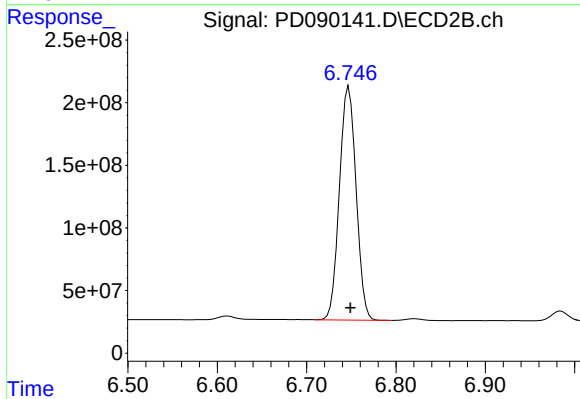
#19 Endosulfan Sulfate

R.T.: 6.451 min
Delta R.T.: -0.026 min
Response: 2776017
Conc: 0.11 ng/ml



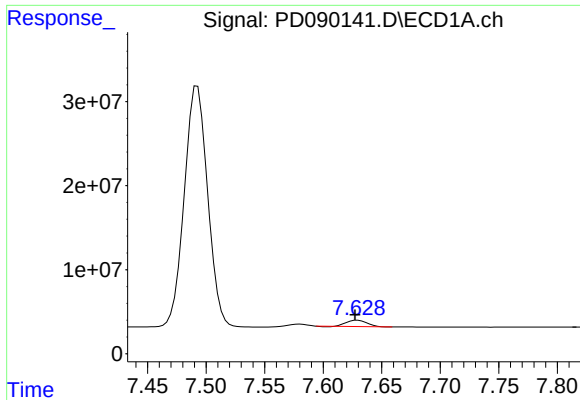
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.002 min
Response: 397697839
Conc: 198.29 ng/ml



#20 Methoxychlor

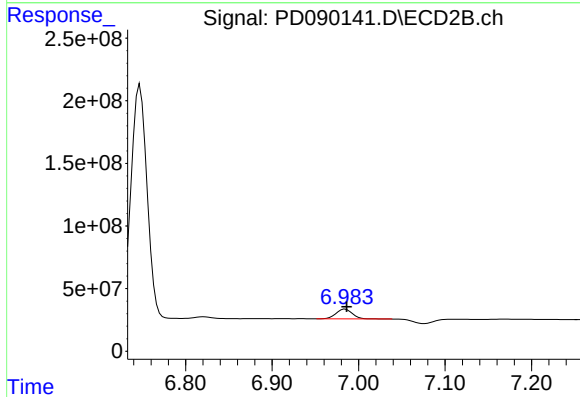
R.T.: 6.747 min
Delta R.T.: -0.002 min
Response: 2417123575
Conc: 187.44 ng/ml



#21 Endrin ketone

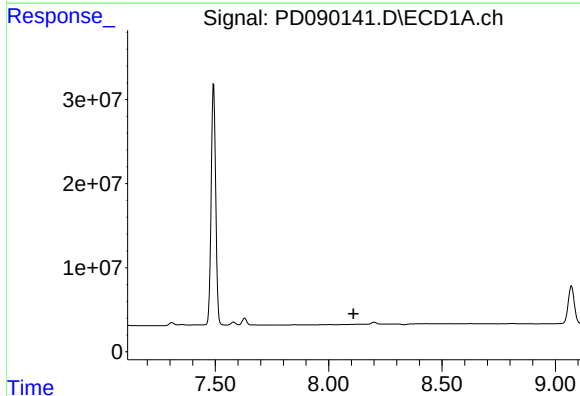
R.T.: 7.630 min
Delta R.T.: 0.002 min
Response: 9488657
Conc: 2.29 ng/ml

Instrument :
ECD_D
ClientSampleId :



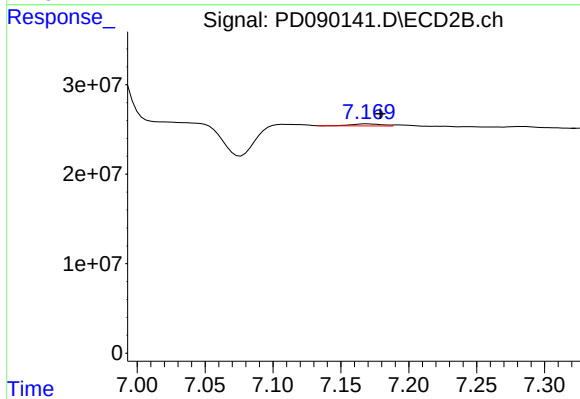
#21 Endrin ketone

R.T.: 6.985 min
Delta R.T.: -0.002 min
Response: 101624631
Conc: 3.81 ng/ml



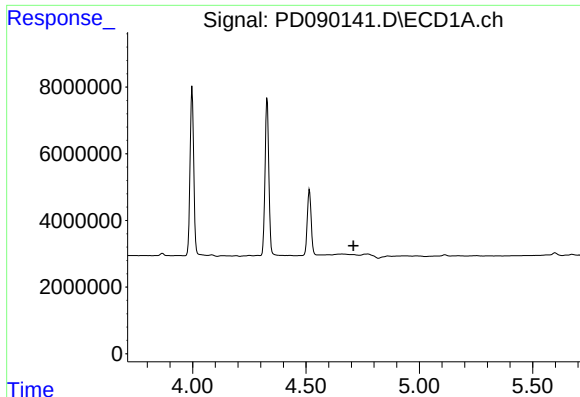
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.110 min
Response: 0
Conc: N.D.



#22 Mirex

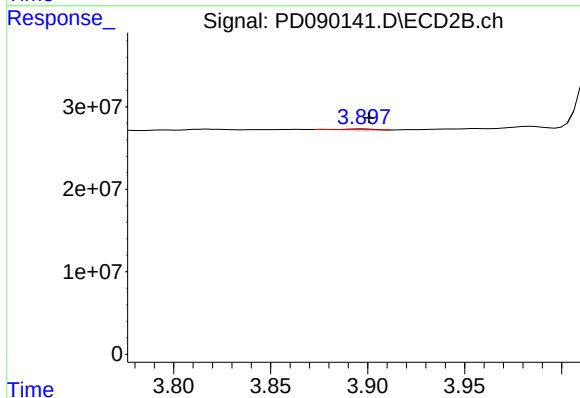
R.T.: 7.170 min
Delta R.T.: -0.009 min
Response: 3583419
Conc: 0.17 ng/ml



#23 Chlordane-1

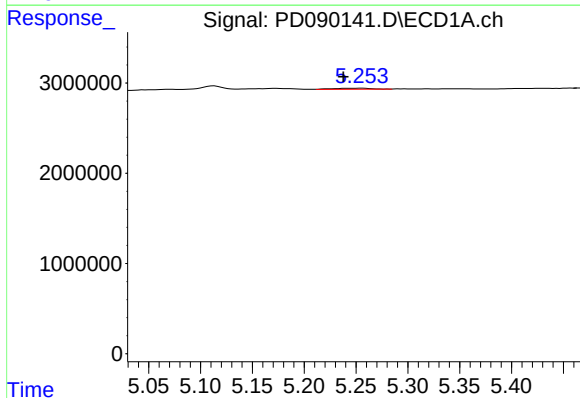
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



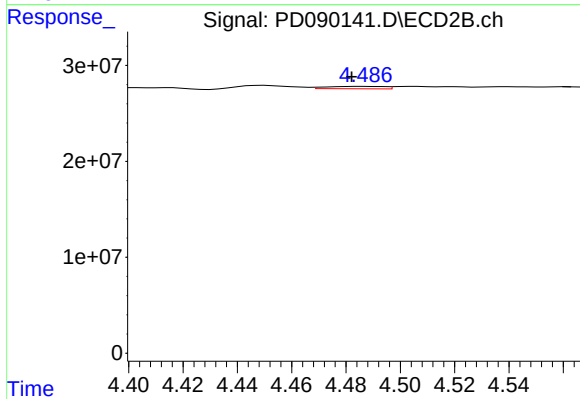
#23 Chlordane-1

R.T.: 3.898 min
Delta R.T.: -0.003 min
Response: 1007943
Conc: 1.13 ng/ml



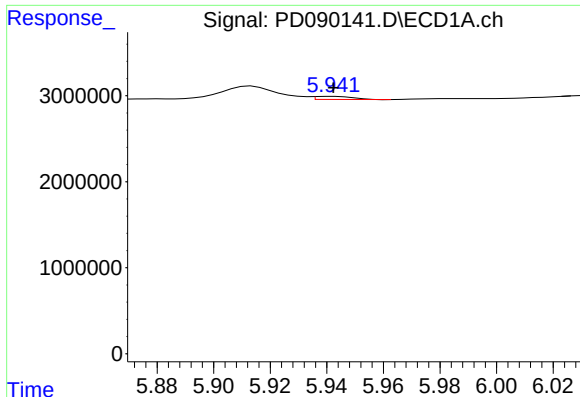
#24 Chlordane-2

R.T.: 5.255 min
Delta R.T.: 0.017 min
Response: 295374
Conc: 1.68 ng/ml



#24 Chlordane-2

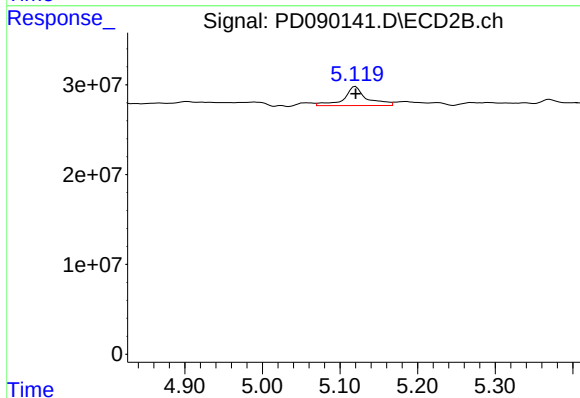
R.T.: 4.487 min
Delta R.T.: 0.004 min
Response: 3656632
Conc: 3.82 ng/ml



#25 Chlordane-3

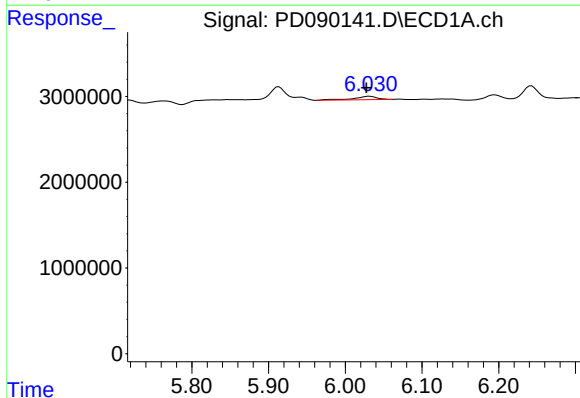
R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 342926
Conc: 0.51 ng/ml

Instrument :
ECD_D
ClientSampleId :



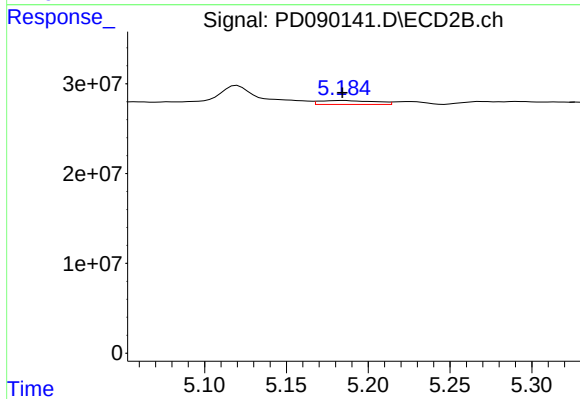
#25 Chlordane-3

R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 43235738
Conc: 15.60 ng/ml



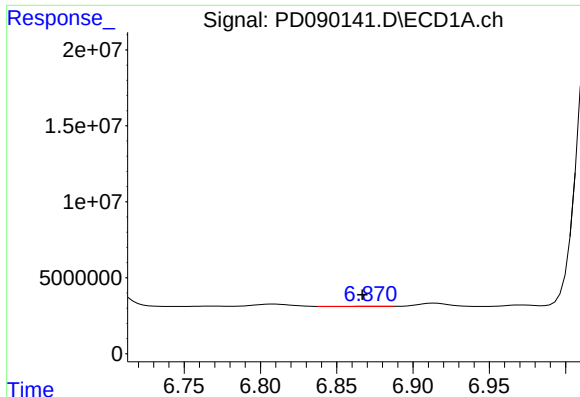
#26 Chlordane-4

R.T.: 6.031 min
Delta R.T.: 0.004 min
Response: 836140
Conc: 1.01 ng/ml



#26 Chlordane-4

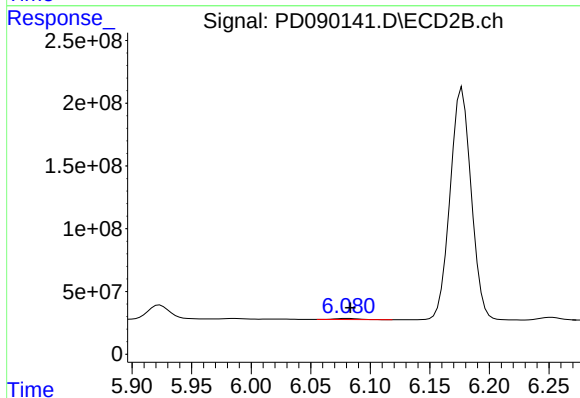
R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 10314967
Conc: 4.29 ng/ml



#27 Chlordane-5

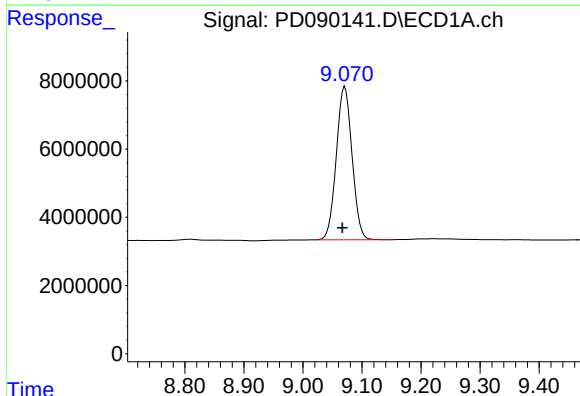
R.T.: 6.872 min
Delta R.T.: 0.005 min
Response: 118050
Conc: 0.84 ng/ml

Instrument :
ECD_D
ClientSampleId :



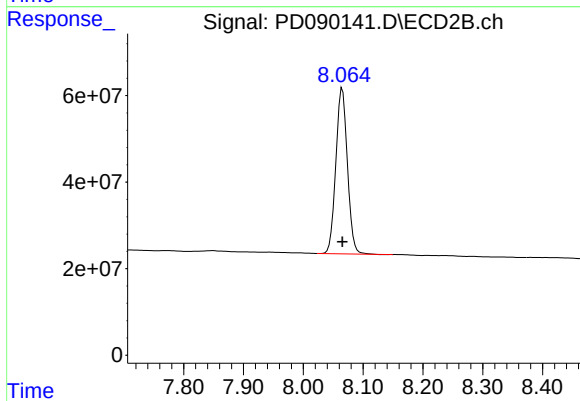
#27 Chlordane-5

R.T.: 6.080 min
Delta R.T.: -0.003 min
Response: 11971173
Conc: 10.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.004 min
Response: 83220523
Conc: 19.28 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.065 min
Delta R.T.: 0.000 min
Response: 515344979
Conc: 19.91 ng/ml