

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120825\
 Data File : PD091500.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Dec 2025 01:08
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 09 04:32:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 09 04:29:17 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...	3.540	2.870	74967948	887.8E6	21.584	22.531
2)	SA Decachlor...	9.058	8.054	108.1E6	1018.3E6	20.796	24.591
Target Compounds							
2)	A alpha-BHC	3.989	3.381	73430729	746.9E6	9.121	10.956
3)	MA gamma-BHC...	4.319	3.717	71488620	688.4E6	9.512	12.243 #
4)	MA Heptachlor	0.000	4.062	0	1769398	N.D.	0.030 #
5)	MB Aldrin	0.000	4.352	0	4607092	N.D.	0.079 #
6)	B beta-BHC	4.507	4.013	30448147	285.9E6	10.546	11.932
7)	B delta-BHC	4.762	4.250	774847	522444	0.130	0.009 #
8)	B Heptachlo...	5.672	4.850	4212359	-434002	0.680	N.D. #
9)	A Endosulfan I	6.068	5.219	32661	2940711	0.005	0.060 #
10)	B gamma-Chl...	5.935	5.111	107745	16507329	0.017	0.296 #
11)	B alpha-Chl...	5.989f	5.202f	2755441	14075963	0.410	0.263 #
12)	B 4,4'-DDE	6.187	5.362	288078	6017112	0.050	0.110 #
13)	MA Dieldrin	6.358f	5.517f	79998	-546999	0.012	N.D. #
14)	MA Endrin	6.563	5.774	284.9E6	2778.9E6	50.806	53.157
15)	B Endosulfa...	6.792f	6.067	2879940	1195119	0.474	0.025 #
16)	A 4,4'-DDD	6.695	5.915	4180026	47924779	0.908	1.054
17)	MA 4,4'-DDT	7.011	6.167	516.3E6	5233.2E6	100.120	110.409
18)	B Endrin al...	6.907	6.241	1333712	29703328	0.319	0.832 #
19)	B Endosulfa...	0.000	6.471	0	1247605	N.D.	0.027 #
20)	A Methoxychlor	7.484	6.738	617.4E6	5239.5E6	229.702	222.031
21)	B Endrin ke...	7.620	6.975	4643482	42499778	0.824	0.874
22)	Mirex	0.000	7.161	0	9389555	N.D.	0.286 #
23)	Chlordane-1	0.000	3.887	0	1280255	N.D.	0.857 #
24)	Chlordane-2	0.000	4.475	0	4364113	N.D.	2.764 #
25)	Chlordane-3	5.935	5.111	107745	16507329	0.131	3.241 #
26)	Chlordane-4	0.000	5.202f	0	14075963	N.D.	3.298 #
27)	Chlordane-5	0.000	6.067	0	1195119	N.D.	0.630 #

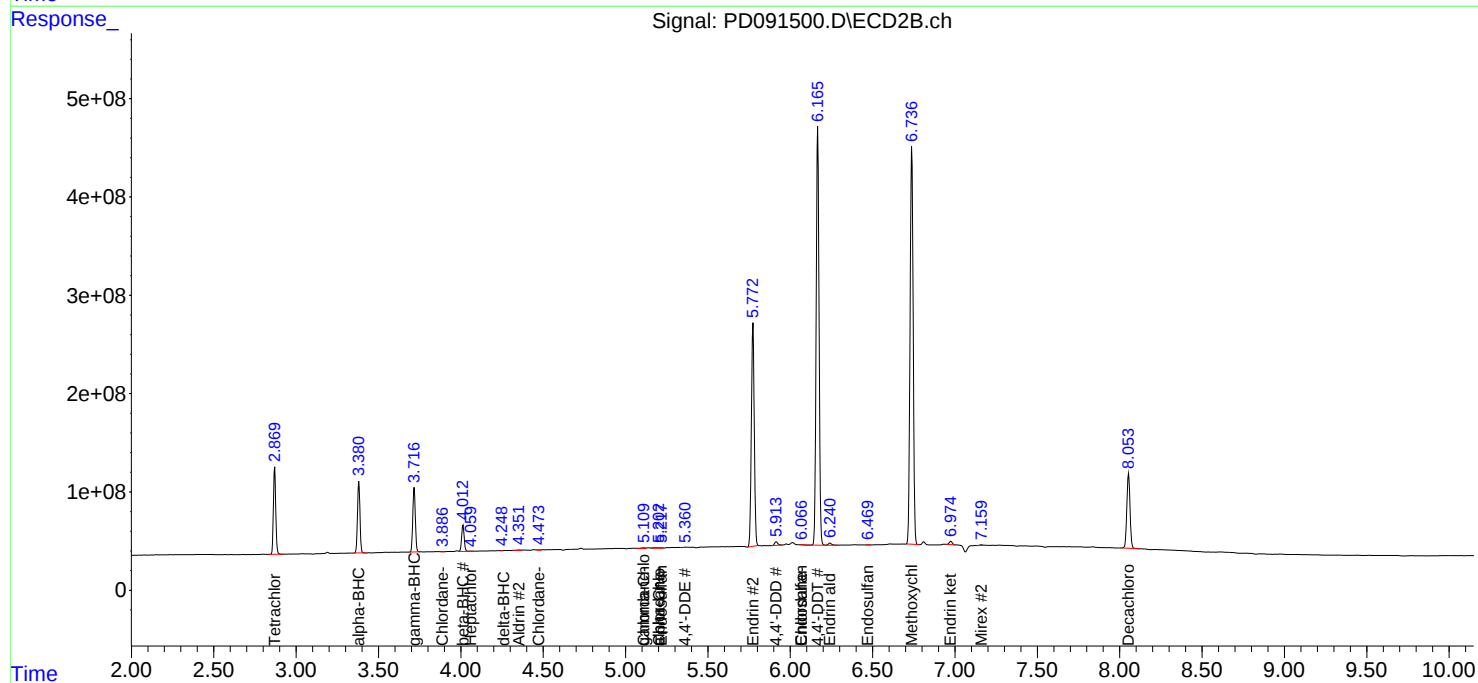
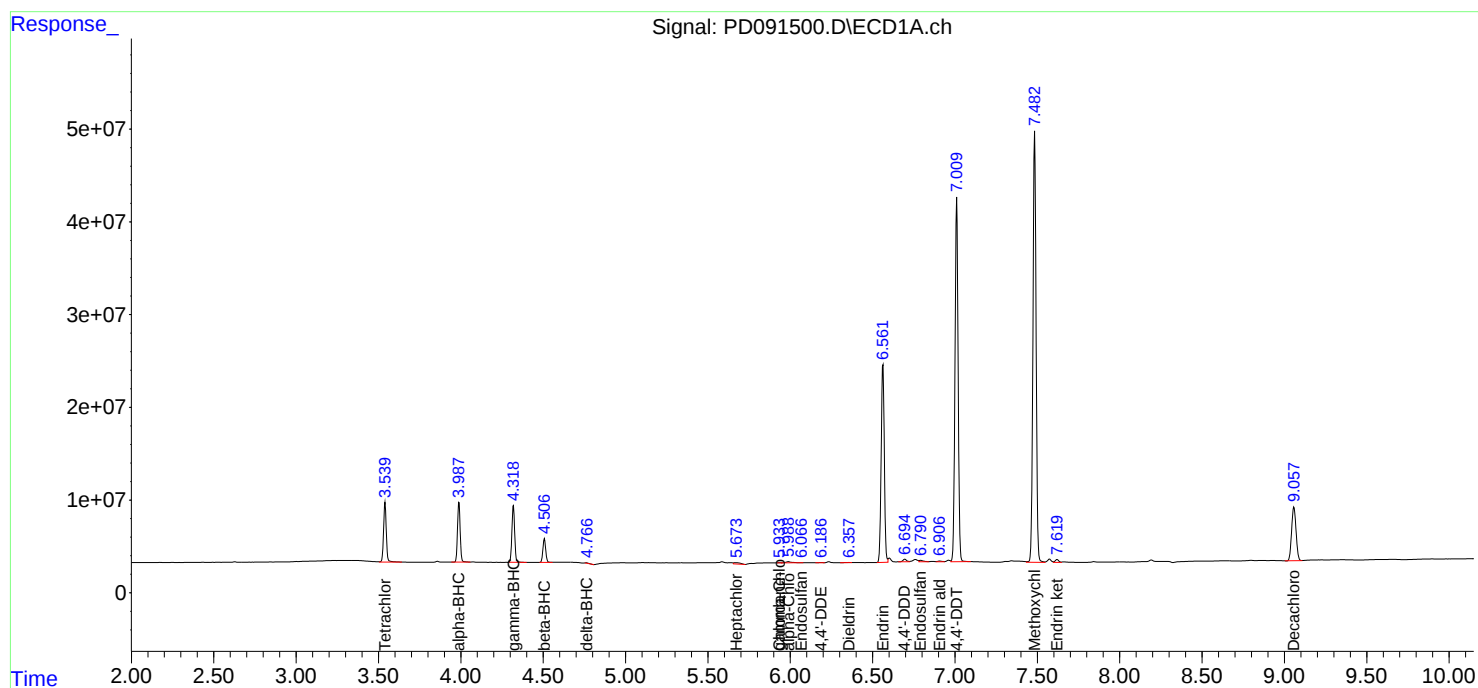
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

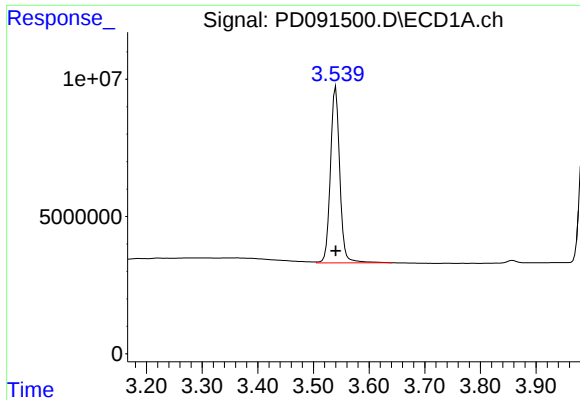
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120825\
Data File : PD091500.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Dec 2025 01:08
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 09 04:32:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120825.M
Quant Title : GC Extractables
QLast Update : Tue Dec 09 04:29:17 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

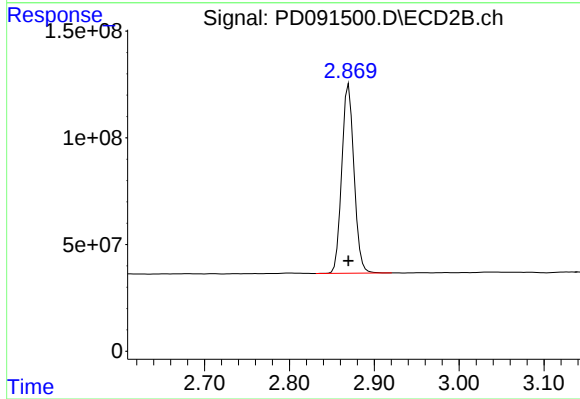




#1 Tetrachloro-m-xylene

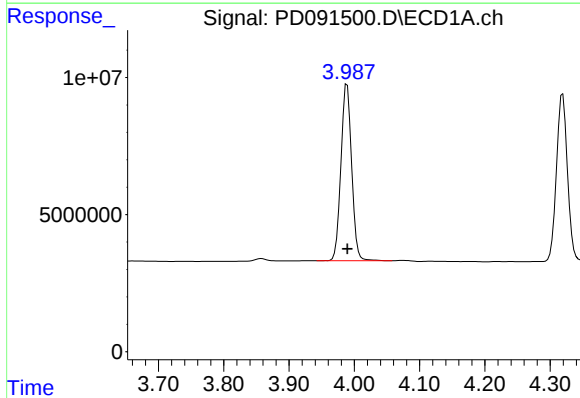
R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 74967948
Conc: 21.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



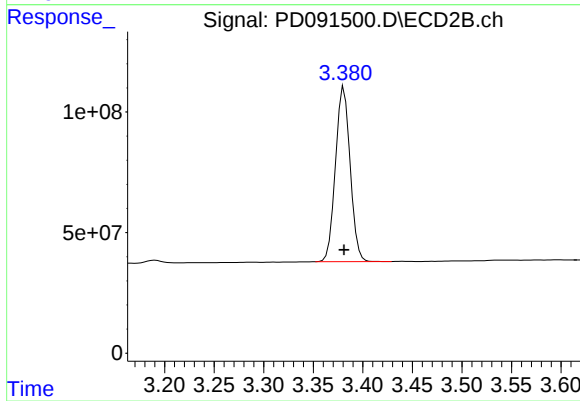
#1 Tetrachloro-m-xylene

R.T.: 2.870 min
Delta R.T.: 0.000 min
Response: 887775379
Conc: 22.53 ng/ml



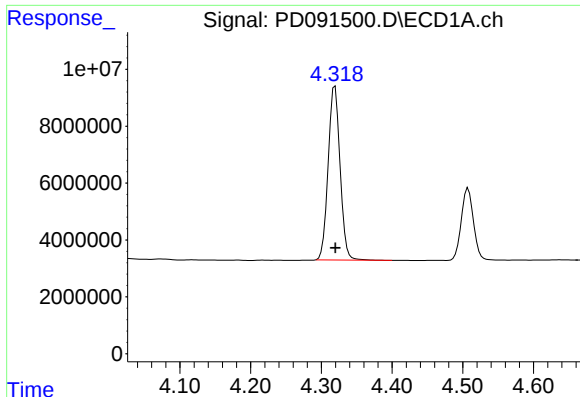
#2 alpha-BHC

R.T.: 3.989 min
Delta R.T.: 0.000 min
Response: 73430729
Conc: 9.12 ng/ml



#2 alpha-BHC

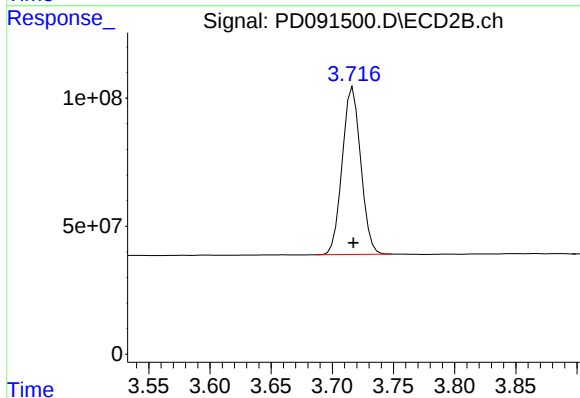
R.T.: 3.381 min
Delta R.T.: 0.000 min
Response: 746907249
Conc: 10.96 ng/ml



#3 gamma-BHC (Lindane)

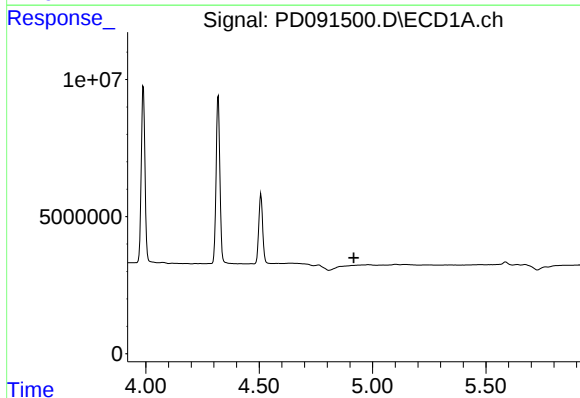
R.T.: 4.319 min
Delta R.T.: 0.000 min
Response: 71488620
Conc: 9.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



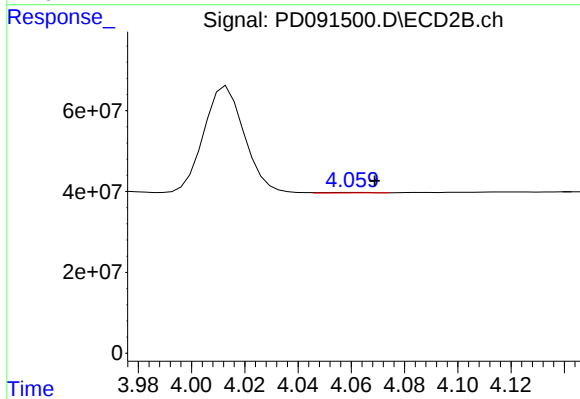
#3 gamma-BHC (Lindane)

R.T.: 3.717 min
Delta R.T.: 0.000 min
Response: 688432569
Conc: 12.24 ng/ml



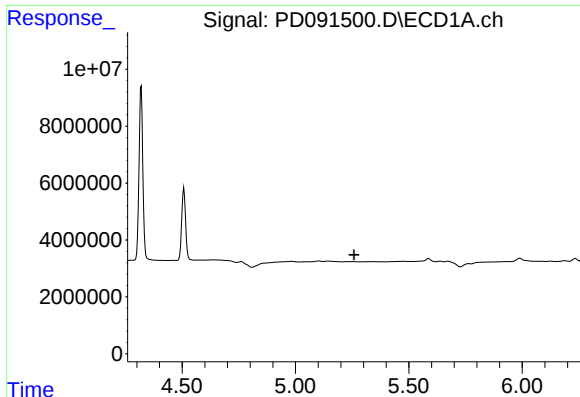
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.918 min
Response: 0
Conc: N.D.



#4 Heptachlor

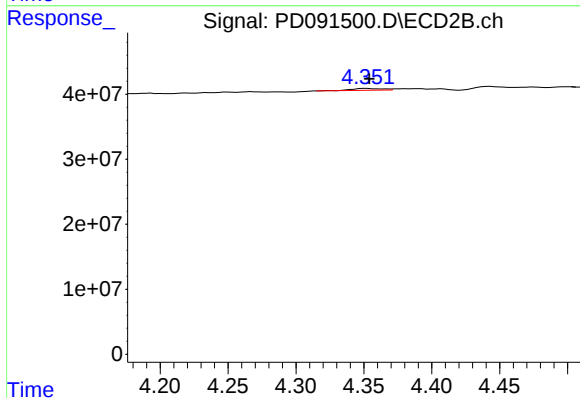
R.T.: 4.062 min
Delta R.T.: -0.007 min
Response: 1769398
Conc: 0.03 ng/ml



#5 Aldrin

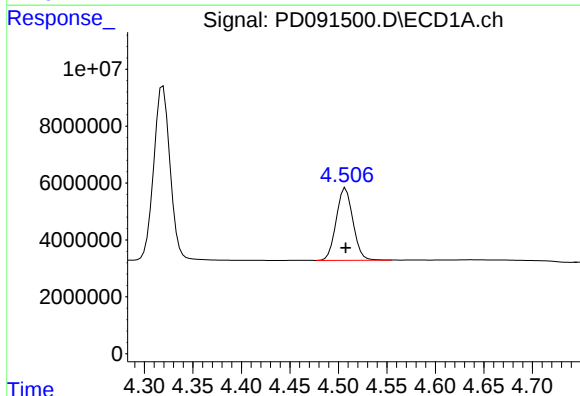
R.T.: 0.000 min
Exp R.T.: 5.259 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



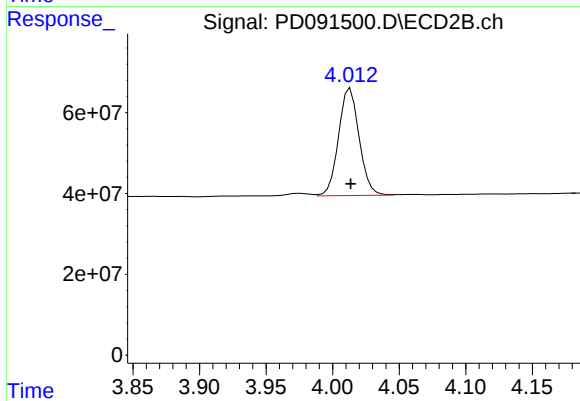
#5 Aldrin

R.T.: 4.352 min
Delta R.T.: -0.002 min
Response: 4607092
Conc: 0.08 ng/ml



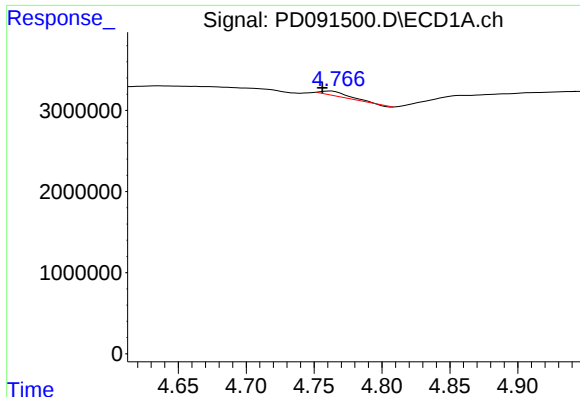
#6 beta-BHC

R.T.: 4.507 min
Delta R.T.: 0.000 min
Response: 30448147
Conc: 10.55 ng/ml



#6 beta-BHC

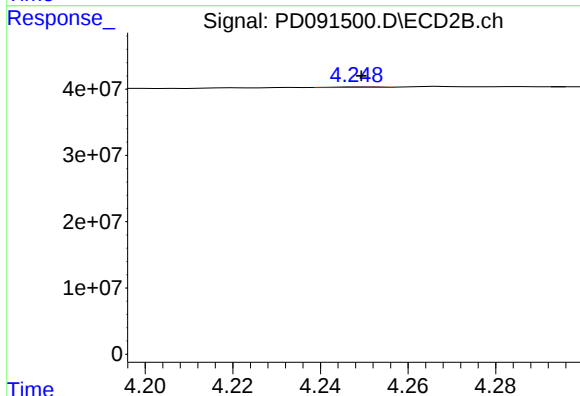
R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 285883049
Conc: 11.93 ng/ml



#7 delta-BHC

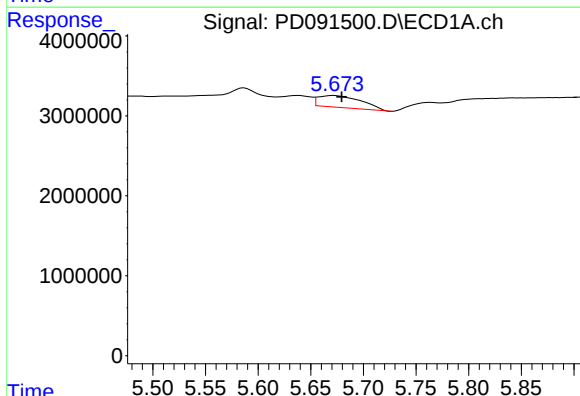
R.T.: 4.762 min
Delta R.T.: 0.006 min
Response: 774847
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



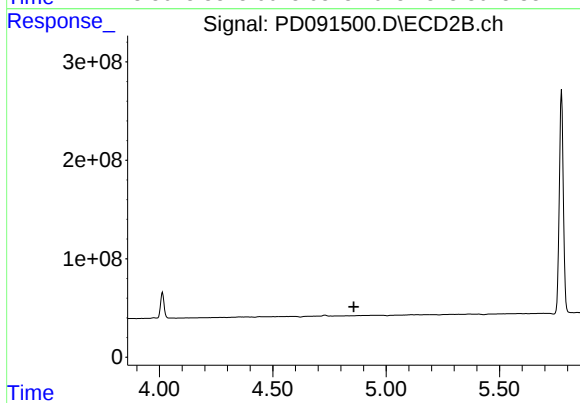
#7 delta-BHC

R.T.: 4.250 min
Delta R.T.: 0.000 min
Response: 522444
Conc: 0.01 ng/ml



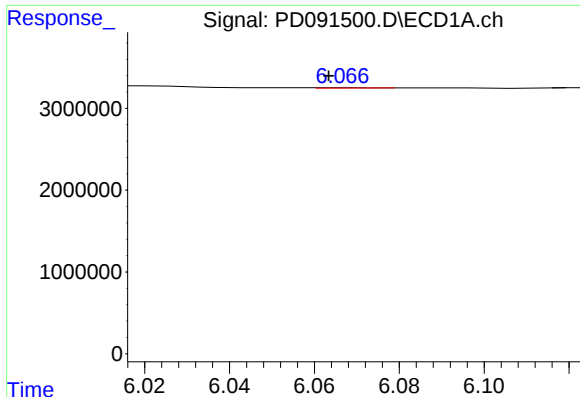
#8 Heptachlor epoxide

R.T.: 5.672 min
Delta R.T.: -0.007 min
Response: 4212359
Conc: 0.68 ng/ml



#8 Heptachlor epoxide

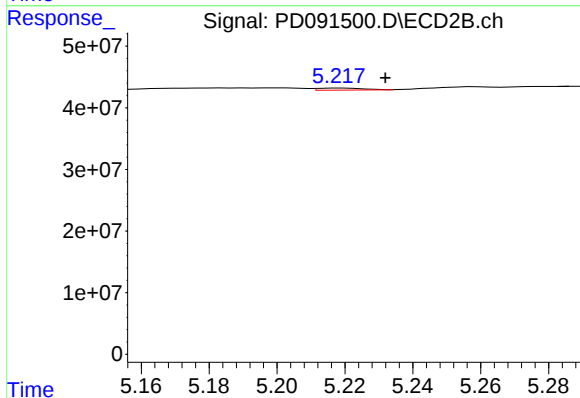
R.T.: 4.850 min
Delta R.T.: -0.007 min
Response: -434002
Conc: N.D.



#9 Endosulfan I

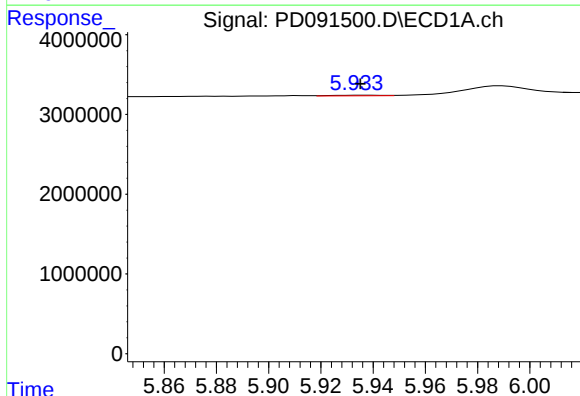
R.T.: 6.068 min
Delta R.T.: 0.005 min
Response: 32661
Conc: 0.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



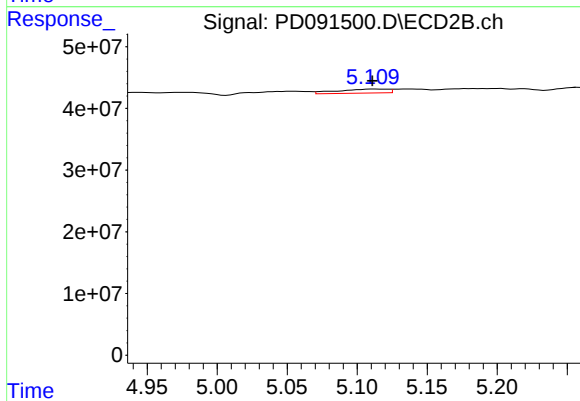
#9 Endosulfan I

R.T.: 5.219 min
Delta R.T.: -0.013 min
Response: 2940711
Conc: 0.06 ng/ml



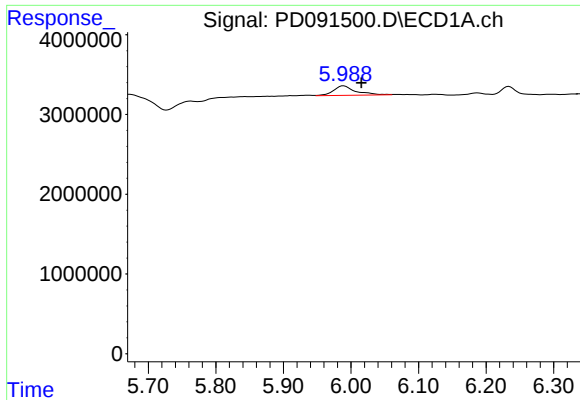
#10 gamma-Chlordane

R.T.: 5.935 min
Delta R.T.: 0.000 min
Response: 107745
Conc: 0.02 ng/ml



#10 gamma-Chlordane

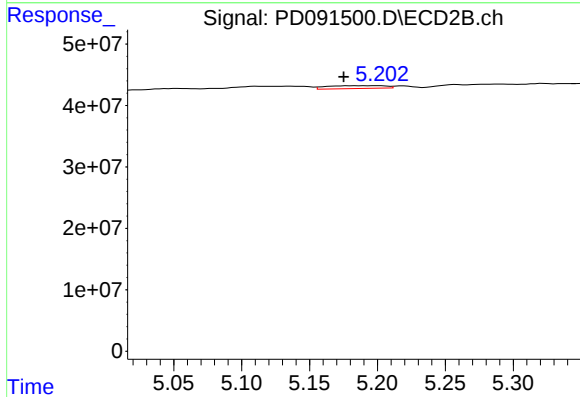
R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 16507329
Conc: 0.30 ng/ml



#11 alpha-Chlordane

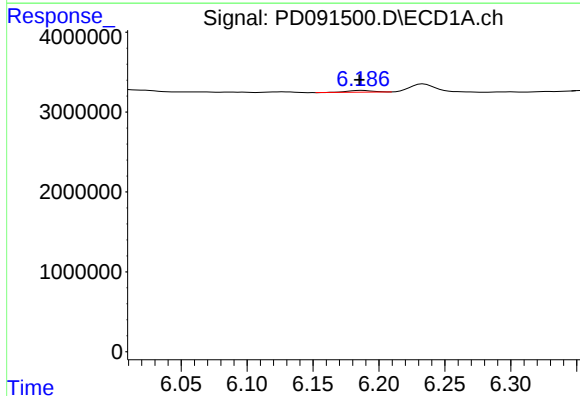
R.T.: 5.989 min
Delta R.T.: -0.027 min
Response: 2755441
Conc: 0.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



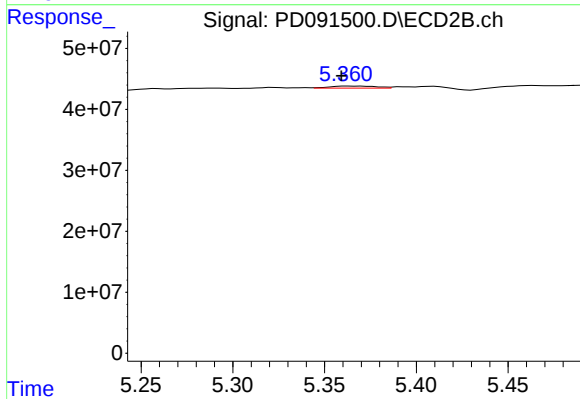
#11 alpha-Chlordane

R.T.: 5.202 min
Delta R.T.: 0.027 min
Response: 14075963
Conc: 0.26 ng/ml



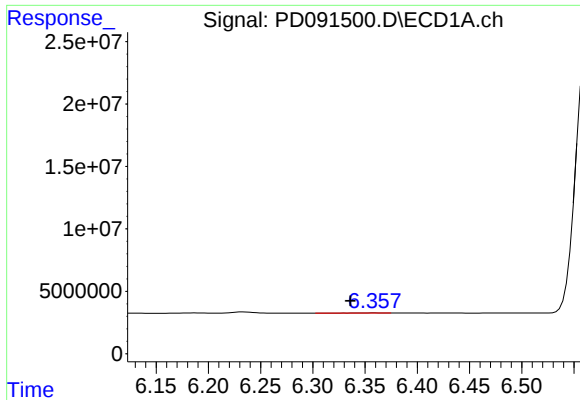
#12 4,4'-DDE

R.T.: 6.187 min
Delta R.T.: 0.002 min
Response: 288078
Conc: 0.05 ng/ml



#12 4,4'-DDE

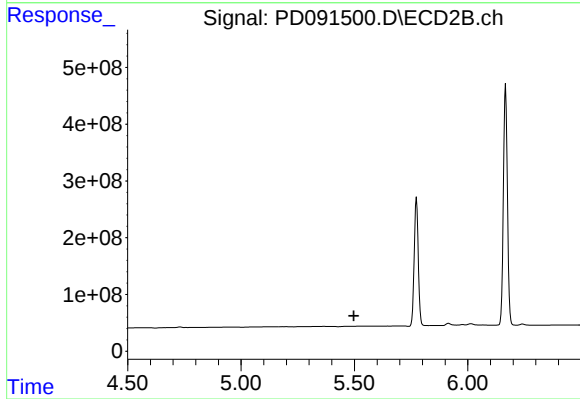
R.T.: 5.362 min
Delta R.T.: 0.003 min
Response: 6017112
Conc: 0.11 ng/ml



#13 Dieldrin

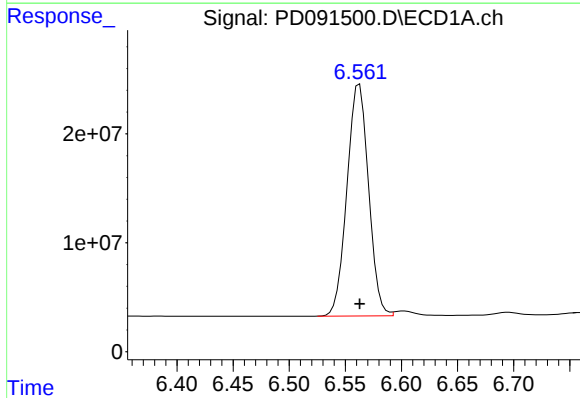
R.T.: 6.358 min
Delta R.T.: 0.022 min
Response: 79998
Conc: 0.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



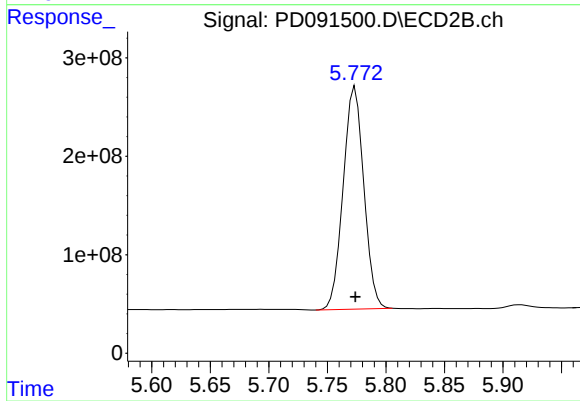
#13 Dieldrin

R.T.: 5.517 min
Delta R.T.: 0.019 min
Response: -546999
Conc: N.D.



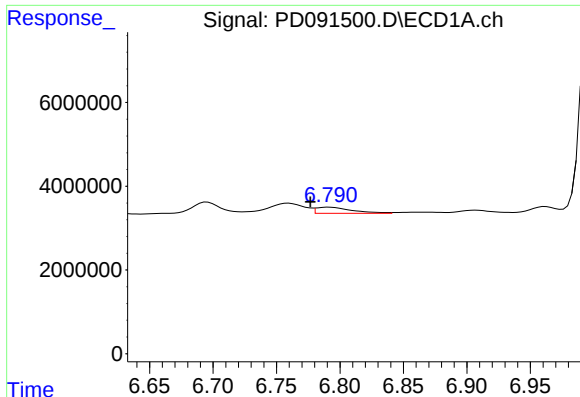
#14 Endrin

R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 284928619
Conc: 50.81 ng/ml



#14 Endrin

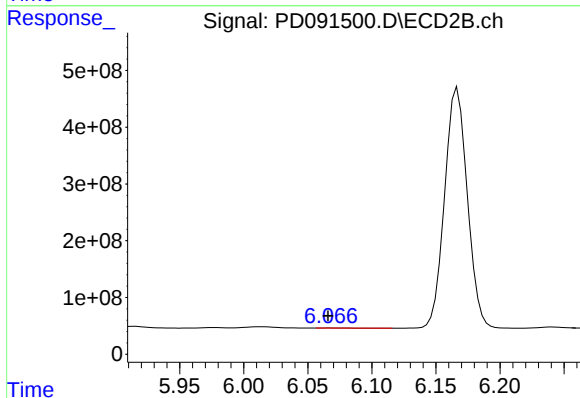
R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 2778935264
Conc: 53.16 ng/ml



#15 Endosulfan II

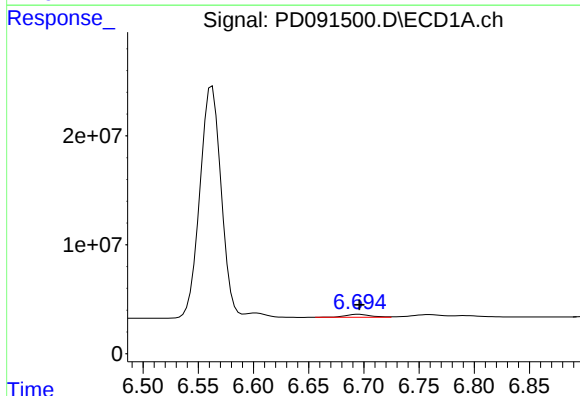
R.T.: 6.792 min
Delta R.T.: 0.015 min
Response: 2879940
Conc: 0.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



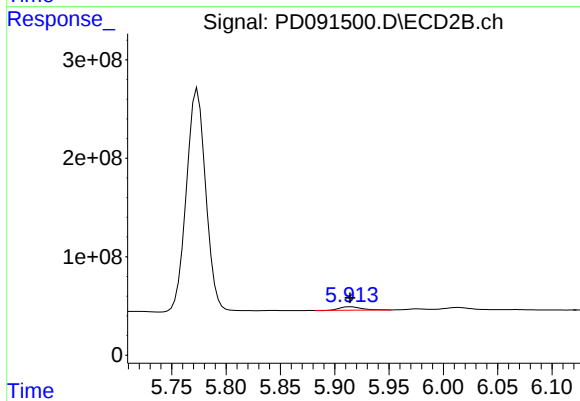
#15 Endosulfan II

R.T.: 6.067 min
Delta R.T.: 0.001 min
Response: 1195119
Conc: 0.03 ng/ml



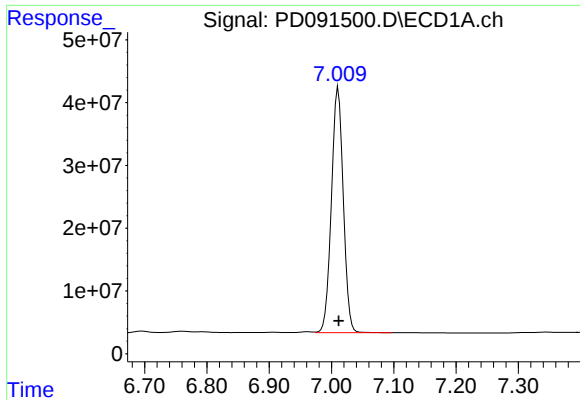
#16 4,4'-DDD

R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 4180026
Conc: 0.91 ng/ml



#16 4,4'-DDD

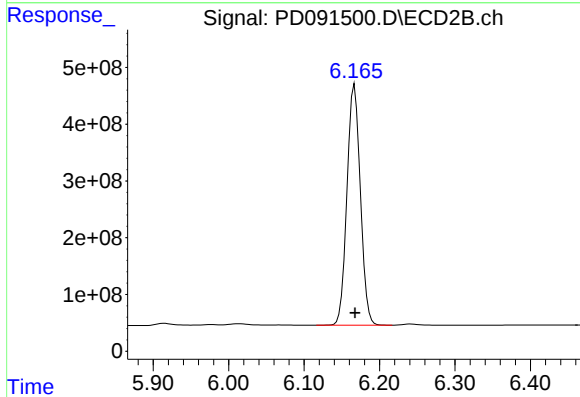
R.T.: 5.915 min
Delta R.T.: 0.000 min
Response: 47924779
Conc: 1.05 ng/ml



#17 4,4'-DDT

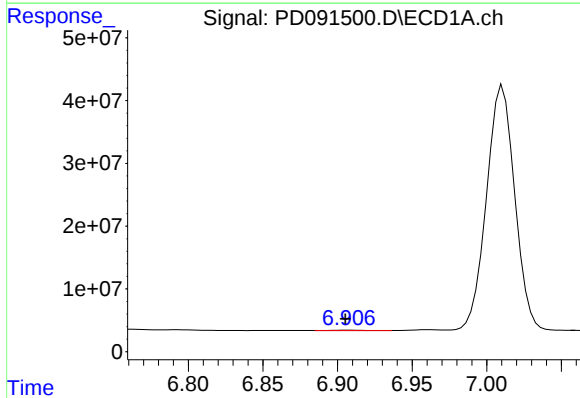
R.T.: 7.011 min
Delta R.T.: 0.000 min
Response: 516265248
Conc: 100.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



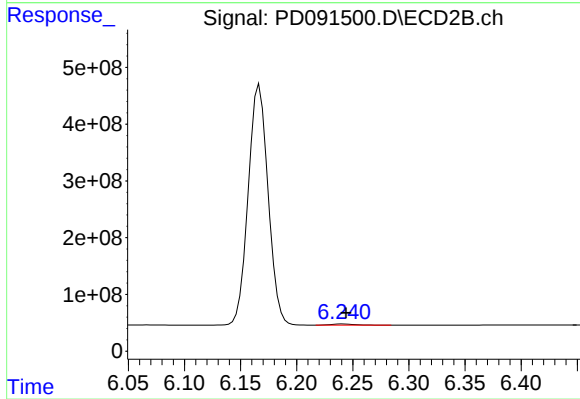
#17 4,4'-DDT

R.T.: 6.167 min
Delta R.T.: 0.000 min
Response: 5233234197
Conc: 110.41 ng/ml



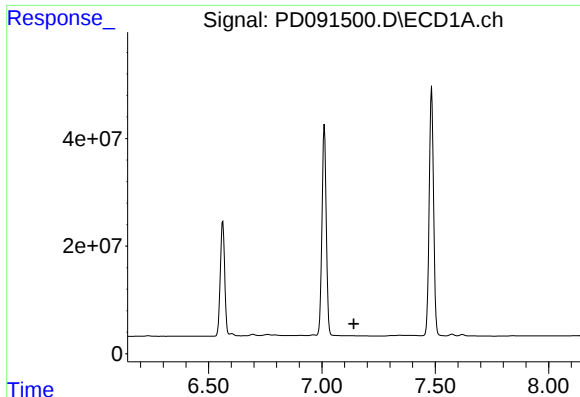
#18 Endrin aldehyde

R.T.: 6.907 min
Delta R.T.: 0.002 min
Response: 1333712
Conc: 0.32 ng/ml



#18 Endrin aldehyde

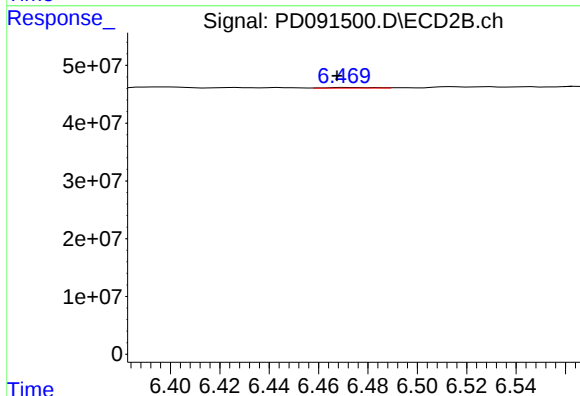
R.T.: 6.241 min
Delta R.T.: -0.003 min
Response: 29703328
Conc: 0.83 ng/ml



#19 Endosulfan Sulfate

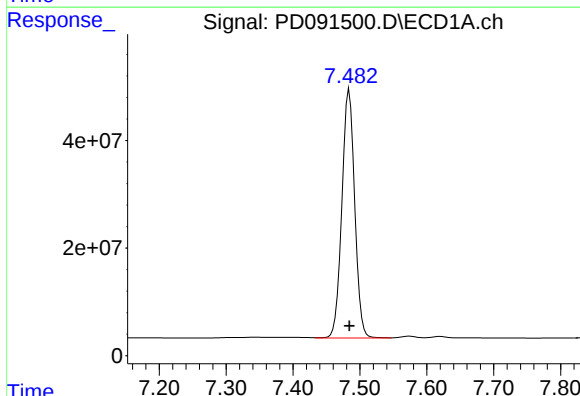
R.T.: 0.000 min
Exp R.T.: 7.140 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



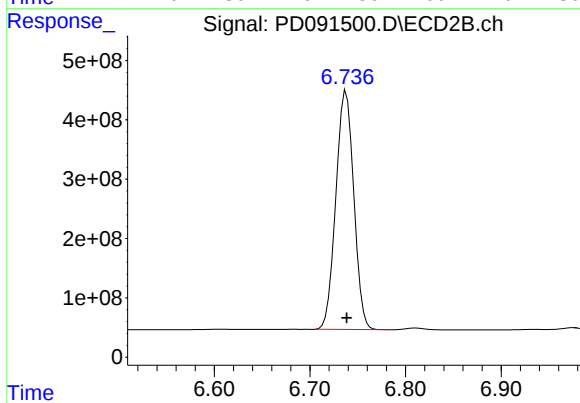
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: 0.003 min
Response: 1247605
Conc: 0.03 ng/ml



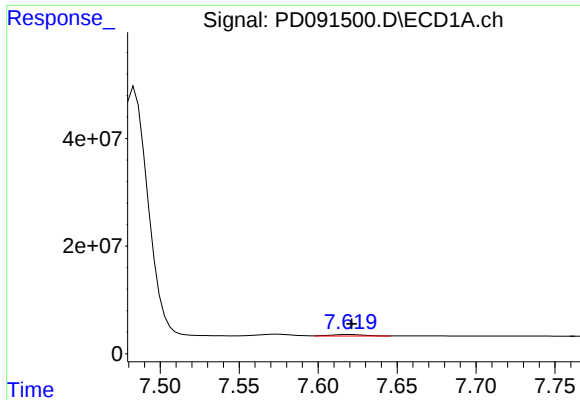
#20 Methoxychlor

R.T.: 7.484 min
Delta R.T.: 0.000 min
Response: 617435181
Conc: 229.70 ng/ml



#20 Methoxychlor

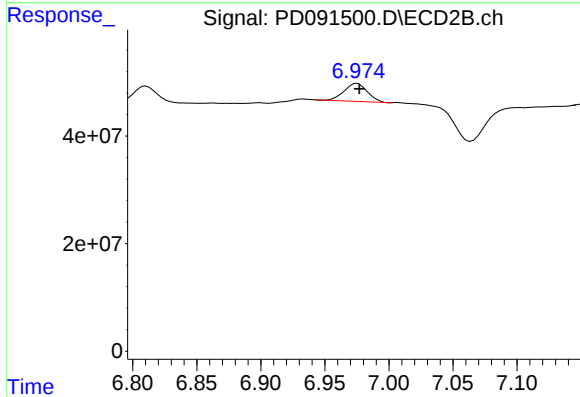
R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 5239509230
Conc: 222.03 ng/ml



#21 Endrin ketone

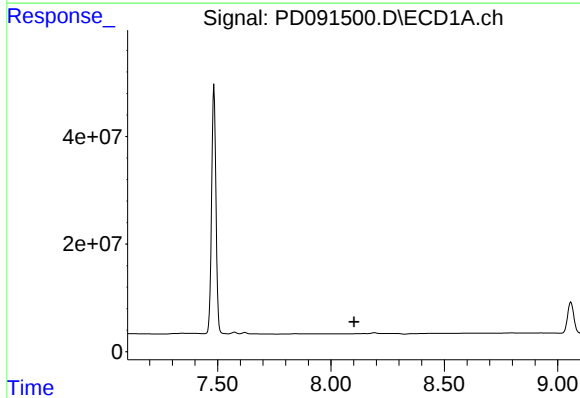
R.T.: 7.620 min
Delta R.T.: -0.001 min
Response: 4643482
Conc: 0.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



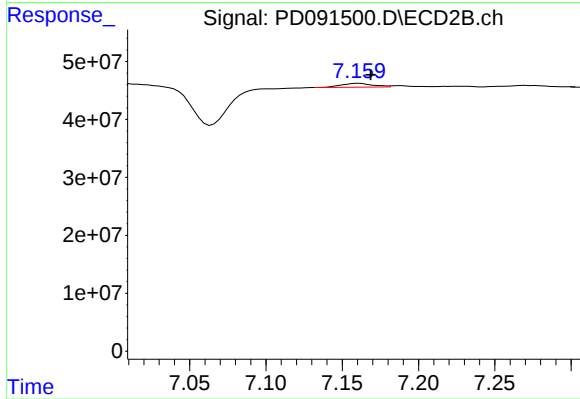
#21 Endrin ketone

R.T.: 6.975 min
Delta R.T.: -0.002 min
Response: 42499778
Conc: 0.87 ng/ml



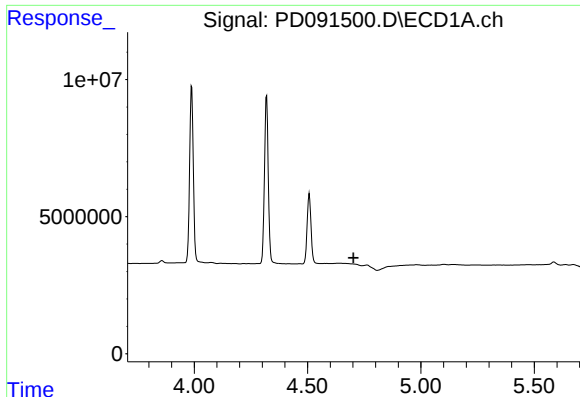
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.102 min
Response: 0
Conc: N.D.



#22 Mirex

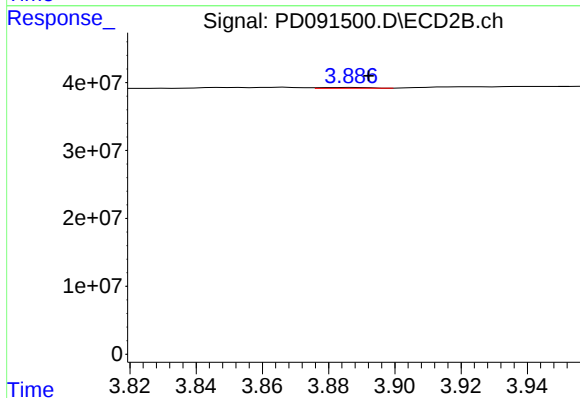
R.T.: 7.161 min
Delta R.T.: -0.008 min
Response: 9389555
Conc: 0.29 ng/ml



#23 Chlordane-1

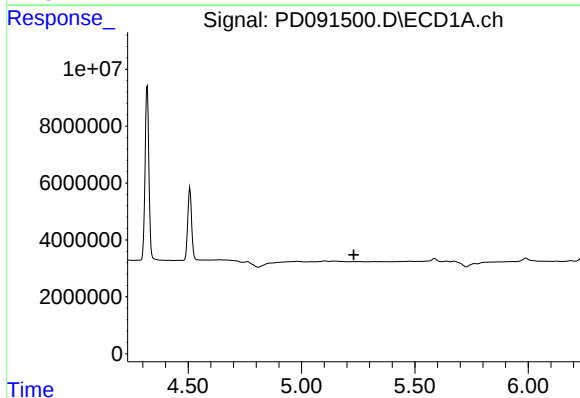
R.T.: 0.000 min
Exp R.T.: 4.703 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



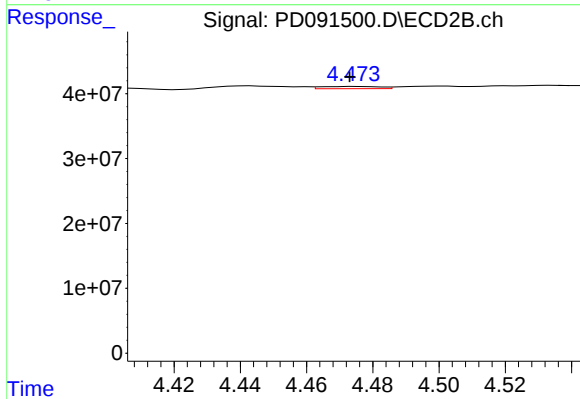
#23 Chlordane-1

R.T.: 3.887 min
Delta R.T.: -0.005 min
Response: 1280255
Conc: 0.86 ng/ml



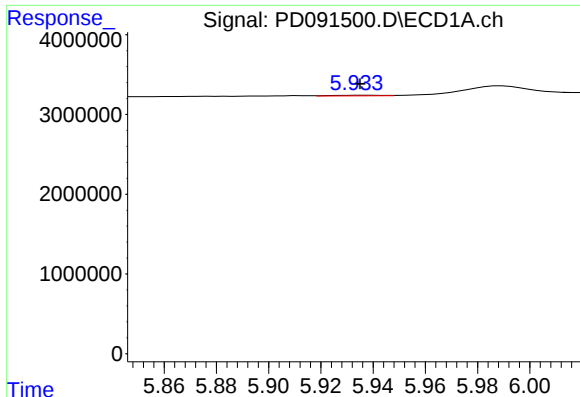
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.230 min
Response: 0
Conc: N.D.



#24 Chlordane-2

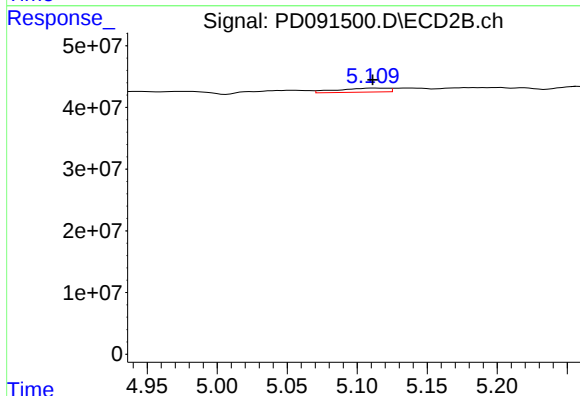
R.T.: 4.475 min
Delta R.T.: 0.002 min
Response: 4364113
Conc: 2.76 ng/ml



#25 Chlordane-3

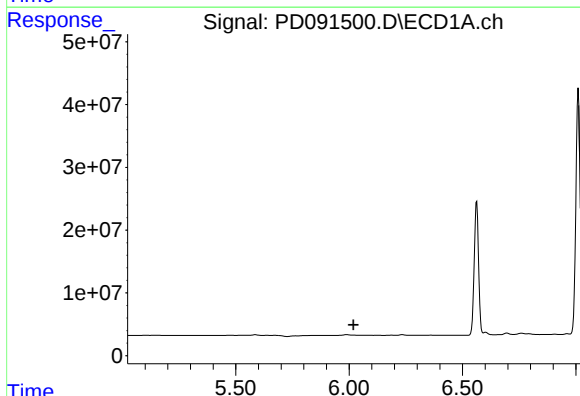
R.T.: 5.935 min
Delta R.T.: 0.000 min
Response: 107745
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



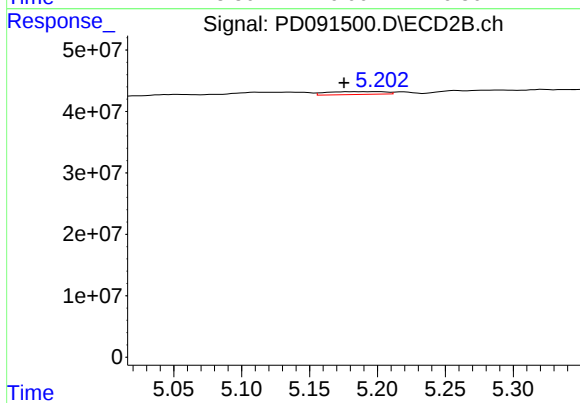
#25 Chlordane-3

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 16507329
Conc: 3.24 ng/ml



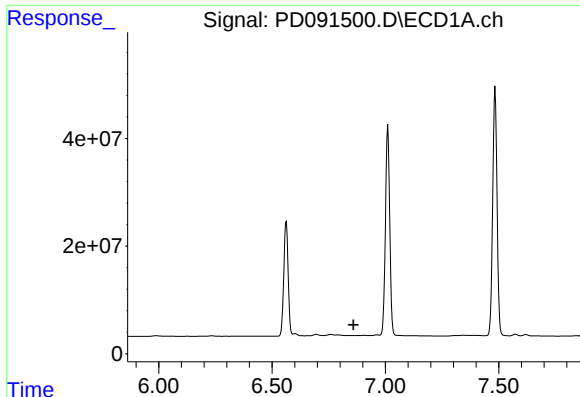
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 6.020 min
Response: 0
Conc: N.D.



#26 Chlordane-4

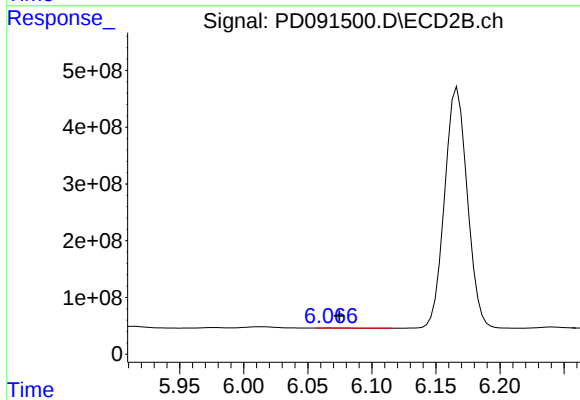
R.T.: 5.202 min
Delta R.T.: 0.027 min
Response: 14075963
Conc: 3.30 ng/ml



#27 Chlordane-5

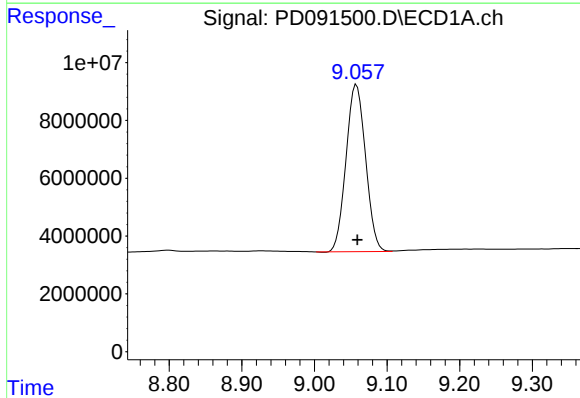
R.T.: 0.000 min
Exp R.T.: 6.860 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



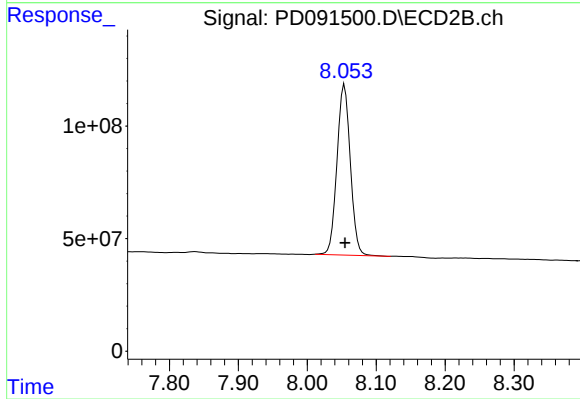
#27 Chlordane-5

R.T.: 6.067 min
Delta R.T.: -0.008 min
Response: 1195119
Conc: 0.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.001 min
Response: 108100189
Conc: 20.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.054 min
Delta R.T.: 0.000 min
Response: 1018337685
Conc: 24.59 ng/ml