

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090925\
 Data File : PD090212.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Sep 2025 10:51
 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: Sep 09 11:26:30 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	55995641	458.4E6	19.080	20.790
28)	SA Decachlor...	9.067	8.062	78868773	477.2E6	18.274	18.436
Target Compounds							
2)	A alpha-BHC	3.998	3.388	54678348	380.1E6	9.110	11.201
3)	MA gamma-BHC...	4.329	3.725	53719324	344.2E6	9.380	11.044
4)	MA Heptachlor	0.000	4.076	0	1913735	N.D.	0.061 #
5)	MB Aldrin	0.000	4.360	0	1982332	N.D.	0.065 #
6)	B beta-BHC	4.515	4.021	23023308	149.0E6	10.264	11.176
7)	B delta-BHC	4.768	4.258	875171	1292311	0.169	0.041 #
8)	B Heptachlo...	5.674	4.862	514899	4088938	0.105	0.148 #
9)	A Endosulfan I	0.000	5.223f	0	3025485	N.D.	0.115 #
10)	B gamma-Chl...	5.942	5.120	372634	34658442	0.076	1.170 #
11)	B alpha-Chl...	6.029	5.182	554866	11228361	0.113	0.393 #
12)	B 4,4'-DDE	6.192	5.368	1011424	8924637	0.230	0.310 #
13)	MA Dieldrin	6.365f	5.502	2234007	709328	0.456	0.024 #
14)	MA Endrin	6.571	5.782	175.8E6	1192.5E6	42.425	44.778
15)	B Endosulfa...	6.766f	6.078	608031	15374493	0.144	0.608 #
16)	A 4,4'-DDD	6.702	5.922	29318127	237.6E6	8.476	9.880
17)	MA 4,4'-DDT	7.018	6.175	287.8E6	2031.3E6	75.537	81.025
18)	B Endrin al...	6.912	6.251	4771954	38302477	1.664	2.224 #
19)	B Endosulfa...	0.000	6.451f	0	3963067	N.D.	0.163 #
20)	A Methoxychlor	7.491	6.746	348.0E6	2116.9E6	173.537	164.156
21)	B Endrin ke...	7.627	6.983	15278120	150.4E6	3.686	5.645 #
22)	Mirex	0.000	7.171	0	3230788	N.D.	0.156 #
23)	Chlordane-1	0.000	3.899	0	1004429	N.D.	1.130 #
24)	Chlordane-2	0.000	4.487	0	5377316	N.D.	5.613 #
25)	Chlordane-3	5.942	5.120	372634	34658442	0.549	12.508 #
26)	Chlordane-4	6.029	5.182	554866	11228361	0.668	4.665 #
27)	Chlordane-5	0.000	6.078	0	15374493	N.D.	13.977 #

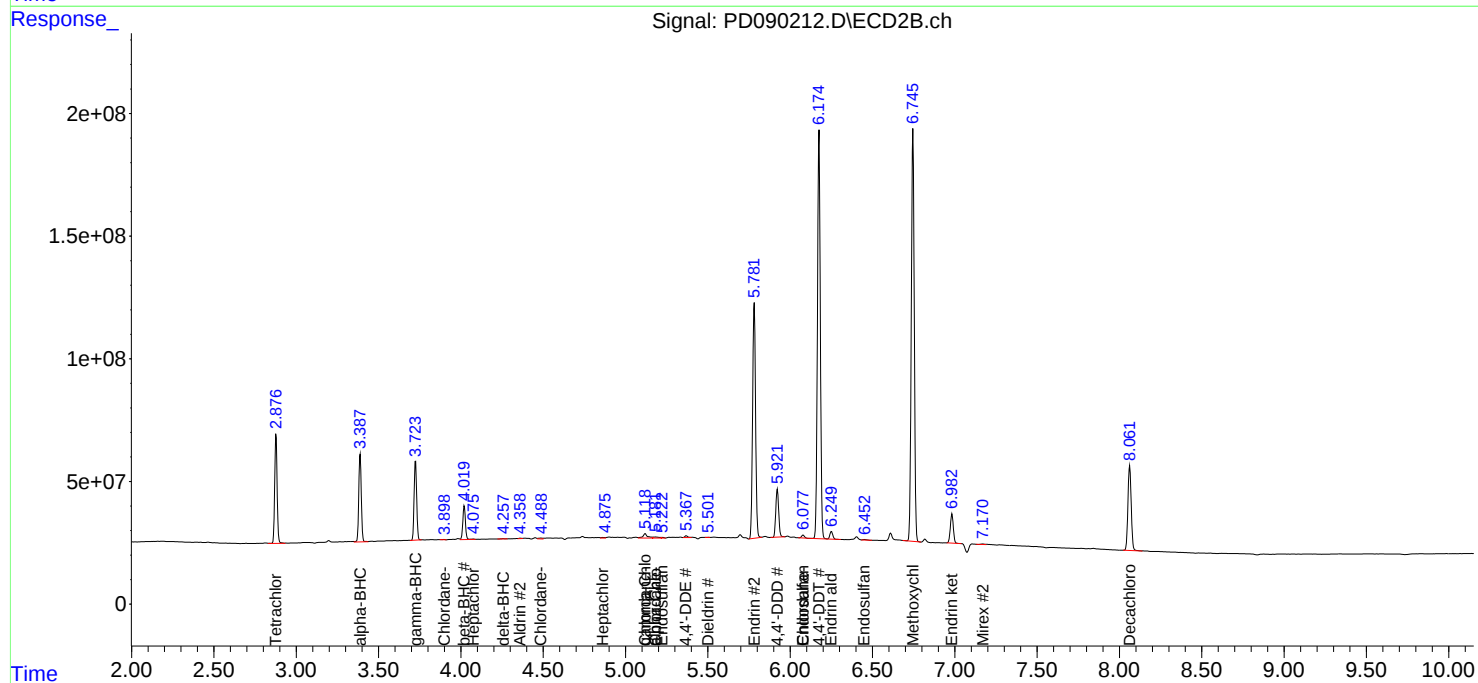
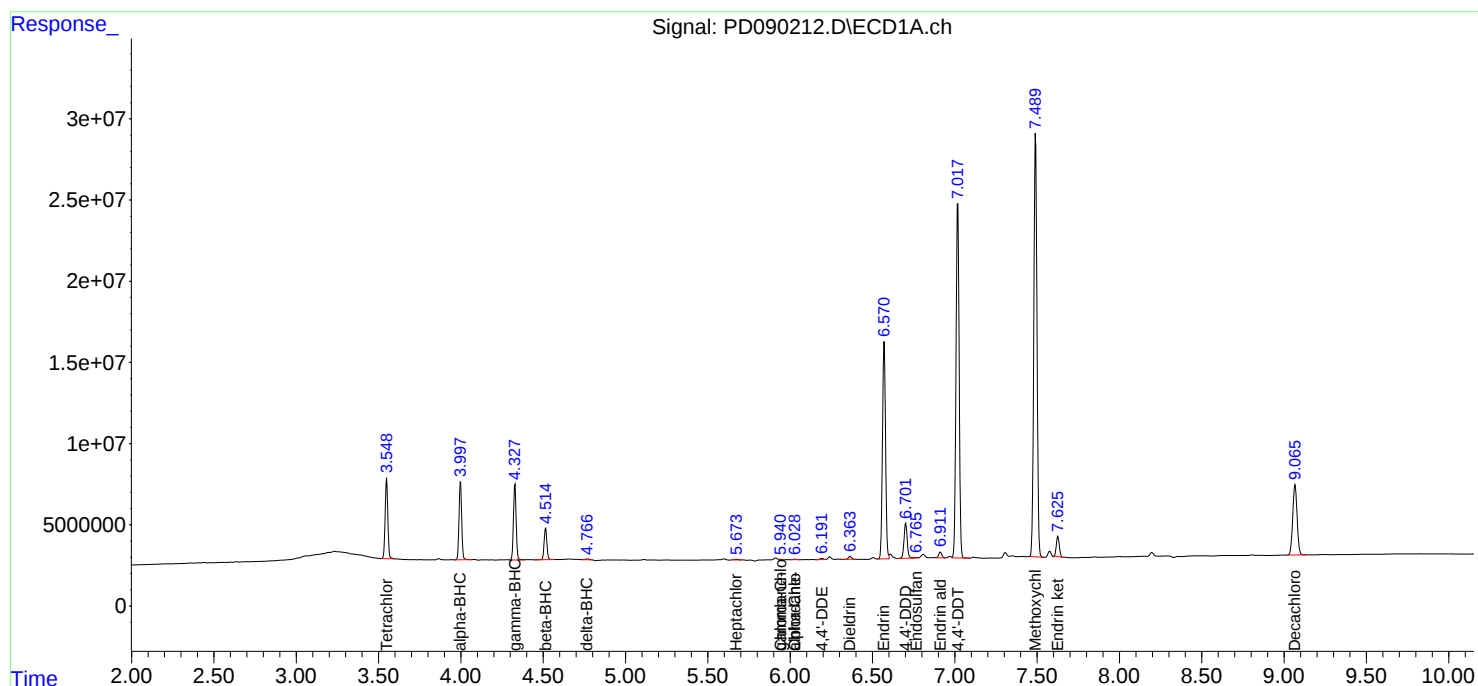
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

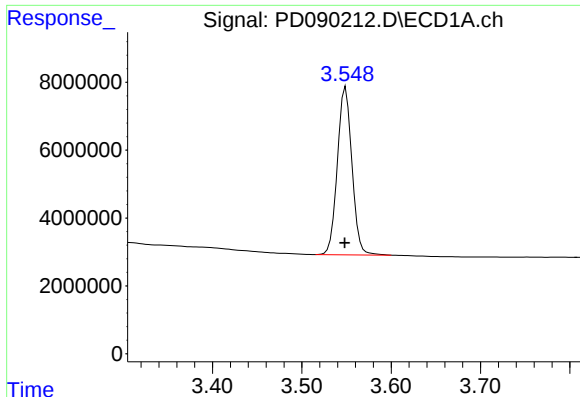
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090925\
Data File : PD090212.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Sep 2025 10:51
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 09 11:26:30 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

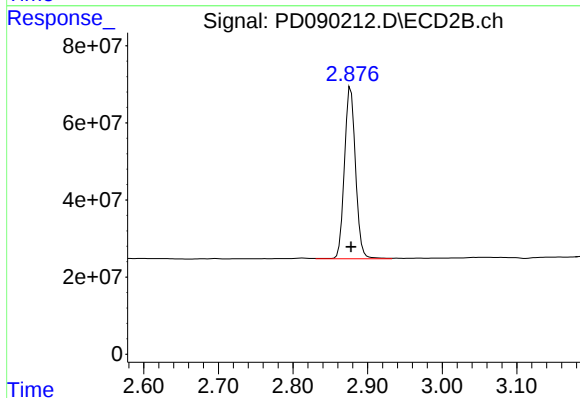




#1 Tetrachloro-m-xylene

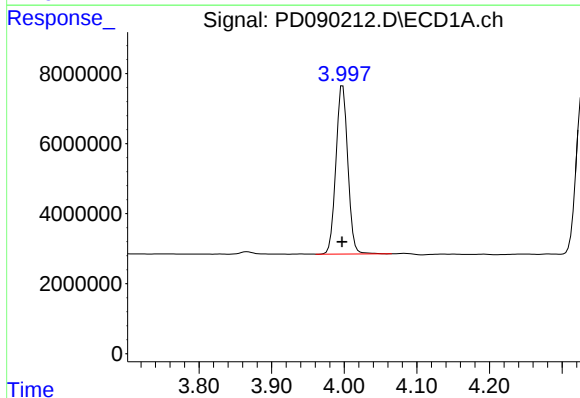
R.T.: 3.549 min
Delta R.T.: 0.001 min
Response: 55995641
Conc: 19.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



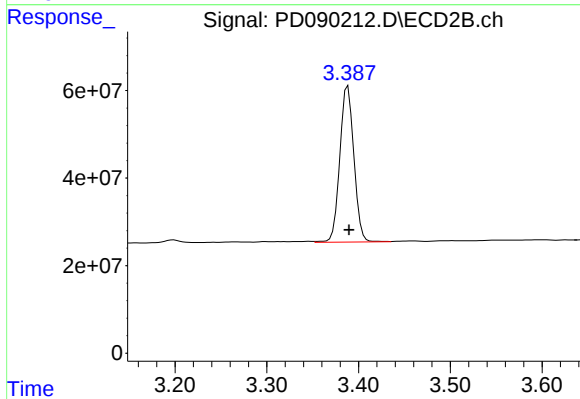
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 458422889
Conc: 20.79 ng/ml



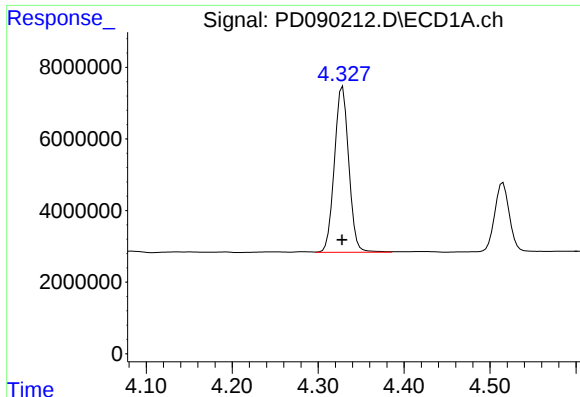
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: 0.000 min
Response: 54678348
Conc: 9.11 ng/ml



#2 alpha-BHC

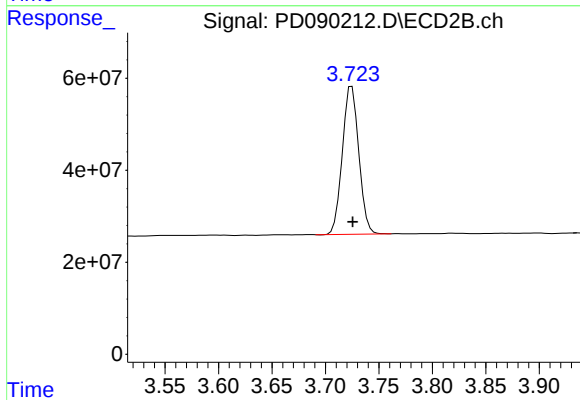
R.T.: 3.388 min
Delta R.T.: -0.001 min
Response: 380146761
Conc: 11.20 ng/ml



#3 gamma-BHC (Lindane)

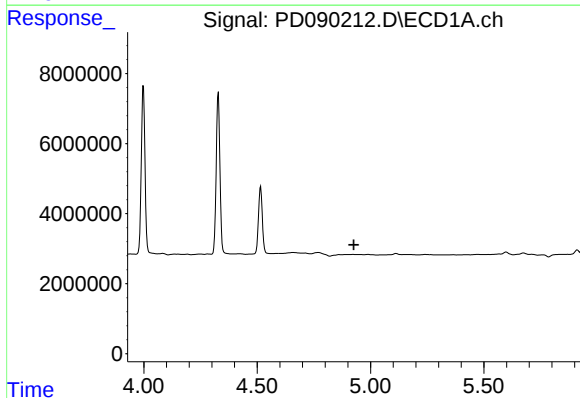
R.T.: 4.329 min
Delta R.T.: 0.000 min
Response: 53719324
Conc: 9.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



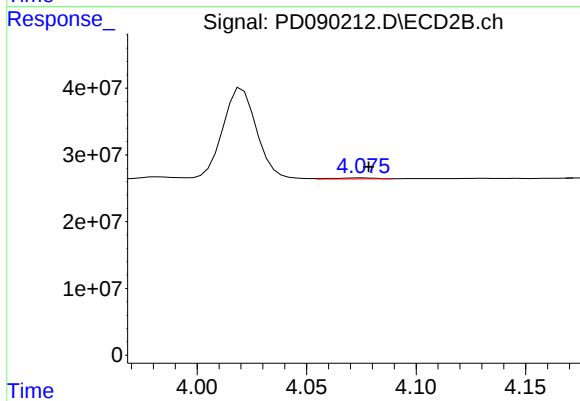
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 344242596
Conc: 11.04 ng/ml



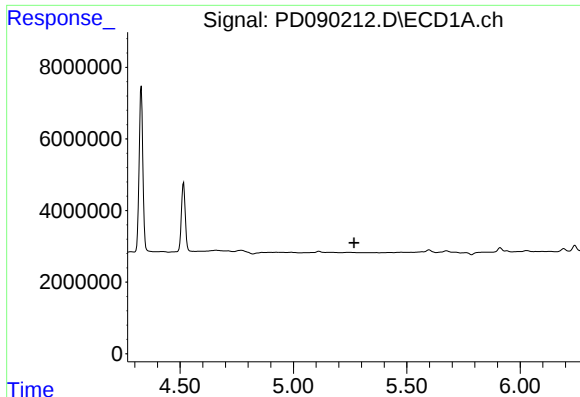
#4 Heptachlor

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



#4 Heptachlor

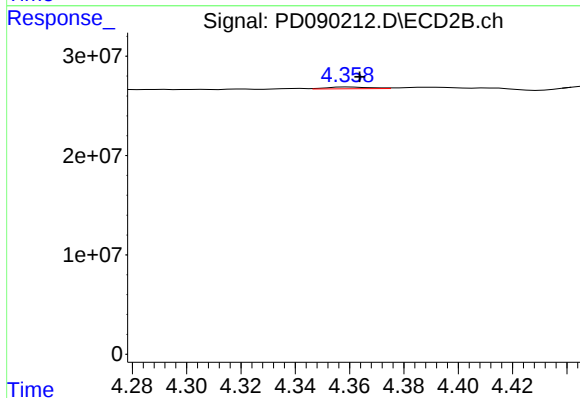
R.T.: 4.076 min
Delta R.T.: -0.002 min
Response: 1913735
Conc: 0.06 ng/ml



#5 Aldrin

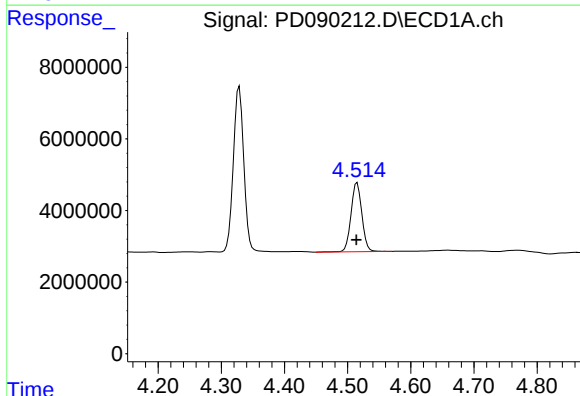
R.T.: 0.000 min
Exp R.T.: 5.267 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



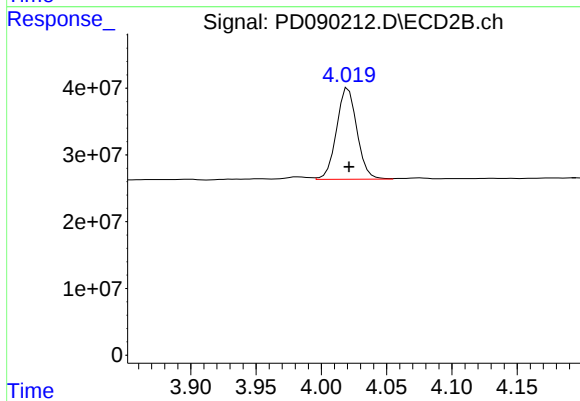
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: -0.004 min
Response: 1982332
Conc: 0.07 ng/ml



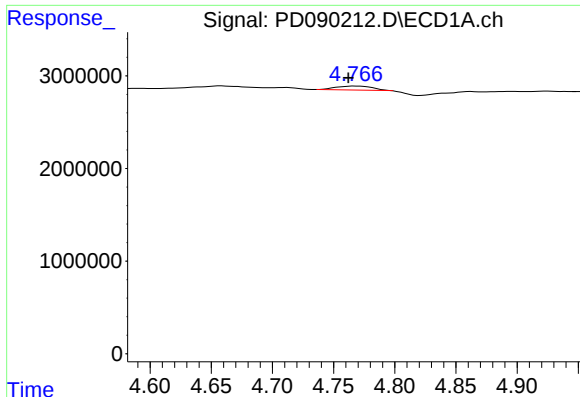
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.001 min
Response: 23023308
Conc: 10.26 ng/ml



#6 beta-BHC

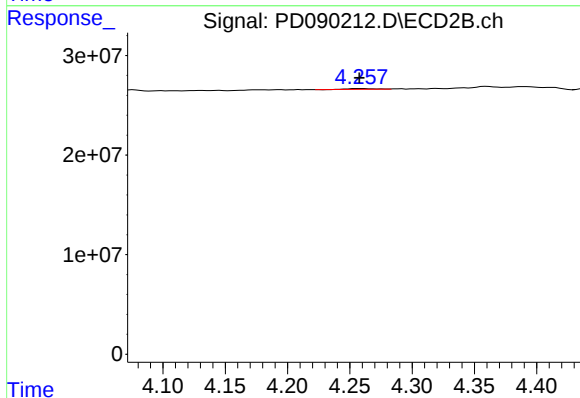
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 148983444
Conc: 11.18 ng/ml



#7 delta-BHC

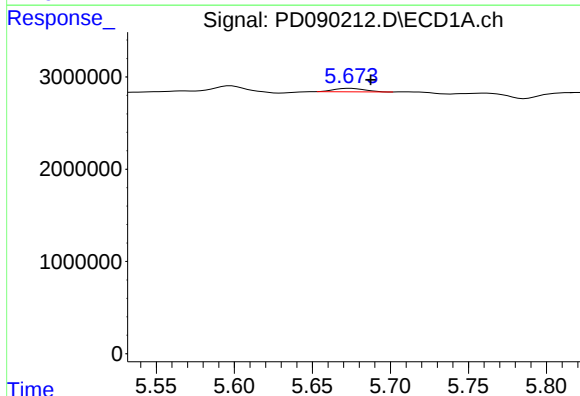
R.T.: 4.768 min
Delta R.T.: 0.006 min
Response: 875171
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



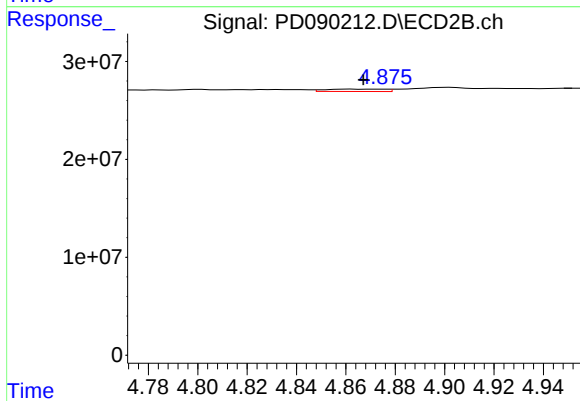
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: 0.000 min
Response: 1292311
Conc: 0.04 ng/ml



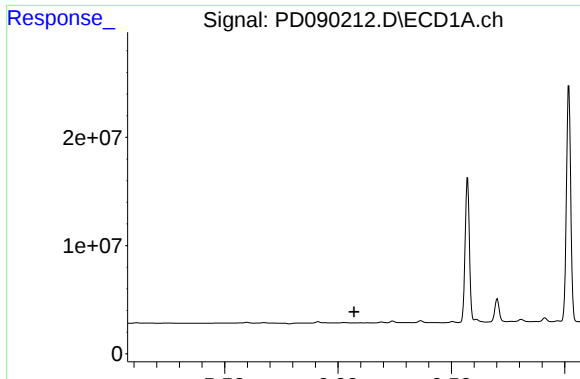
#8 Heptachlor epoxide

R.T.: 5.674 min
Delta R.T.: -0.013 min
Response: 514899
Conc: 0.10 ng/ml



#8 Heptachlor epoxide

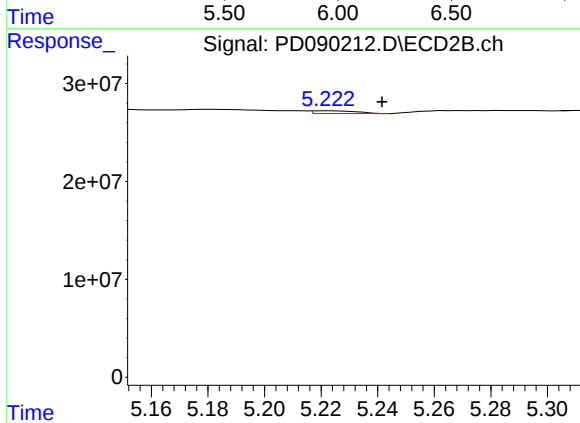
R.T.: 4.862 min
Delta R.T.: -0.005 min
Response: 4088938
Conc: 0.15 ng/ml



#9 Endosulfan I

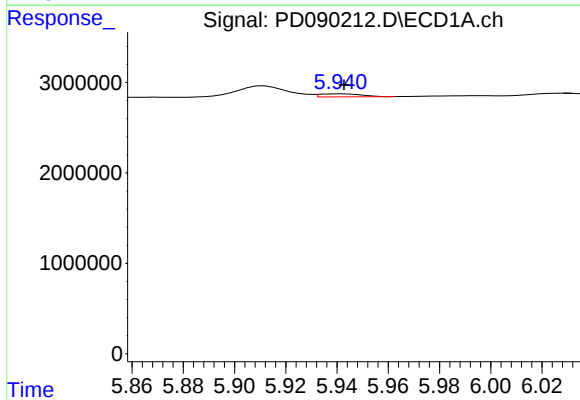
R.T.: 0.000 min
Exp R.T.: 6.071 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



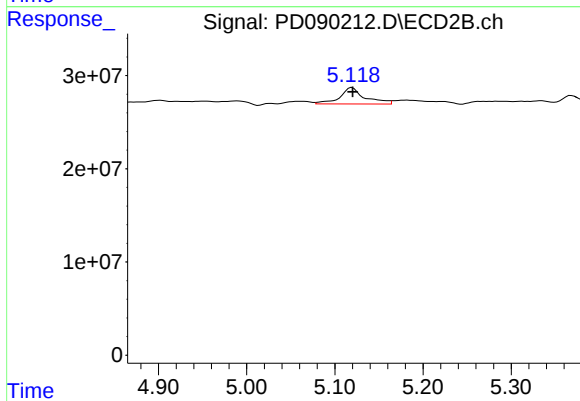
#9 Endosulfan I

R.T.: 5.223 min
Delta R.T.: -0.019 min
Response: 3025485
Conc: 0.12 ng/ml



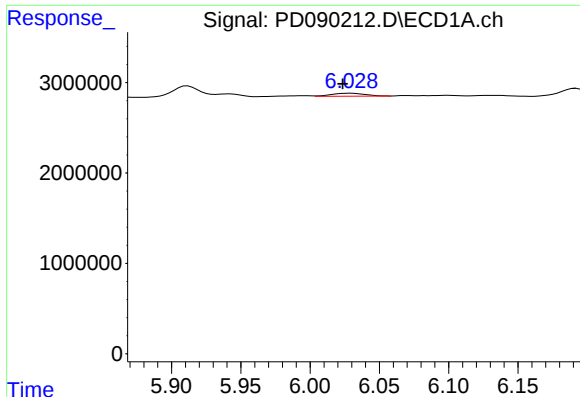
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: -0.001 min
Response: 372634
Conc: 0.08 ng/ml



#10 gamma-Chlordane

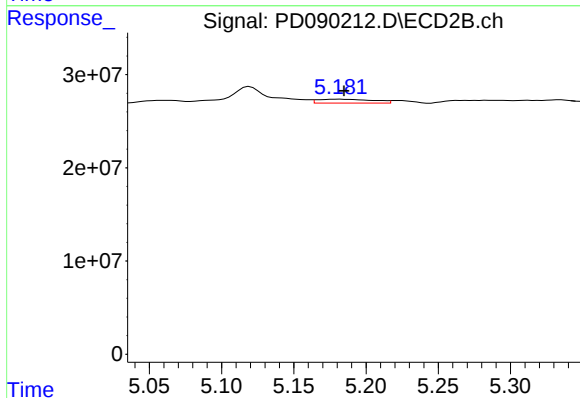
R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 34658442
Conc: 1.17 ng/ml



#11 alpha-Chlordane

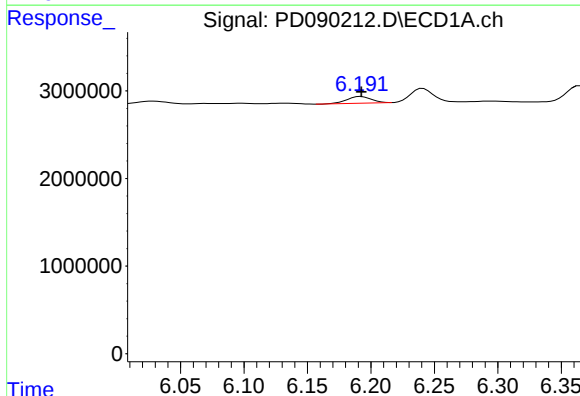
R.T.: 6.029 min
Delta R.T.: 0.006 min
Response: 554866
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



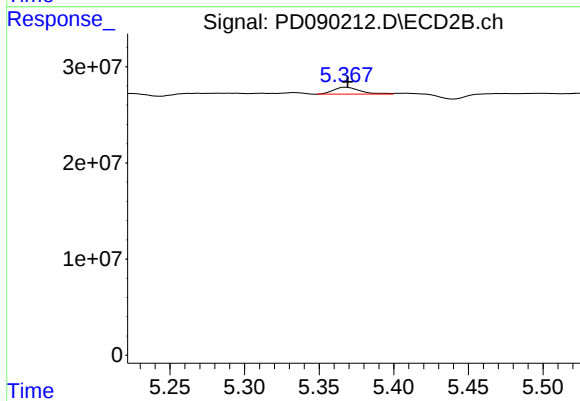
#11 alpha-Chlordane

R.T.: 5.182 min
Delta R.T.: -0.003 min
Response: 11228361
Conc: 0.39 ng/ml



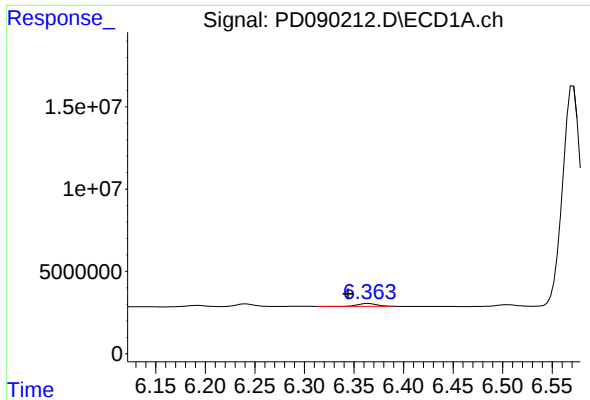
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 1011424
Conc: 0.23 ng/ml



#12 4,4'-DDE

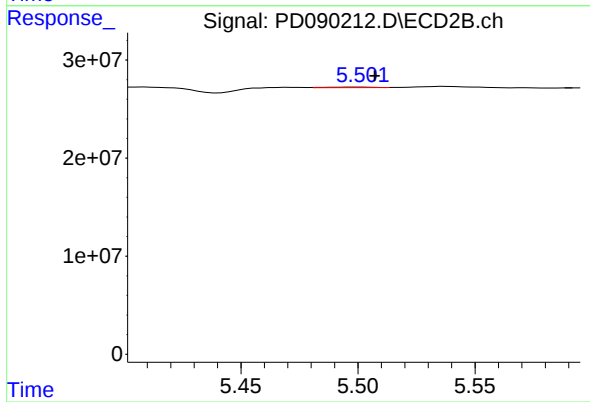
R.T.: 5.368 min
Delta R.T.: 0.000 min
Response: 8924637
Conc: 0.31 ng/ml



#13 Dieldrin

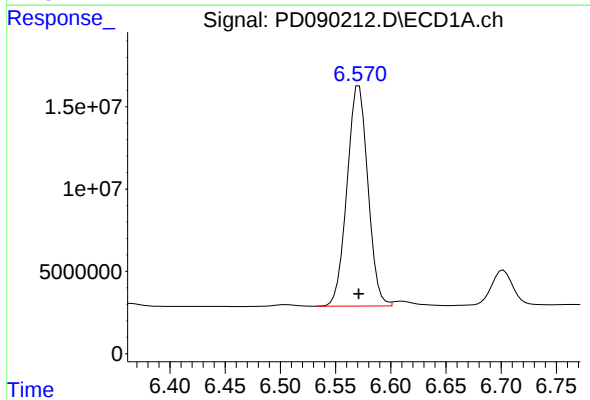
R.T.: 6.365 min
Delta R.T.: 0.021 min
Response: 2234007
Conc: 0.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



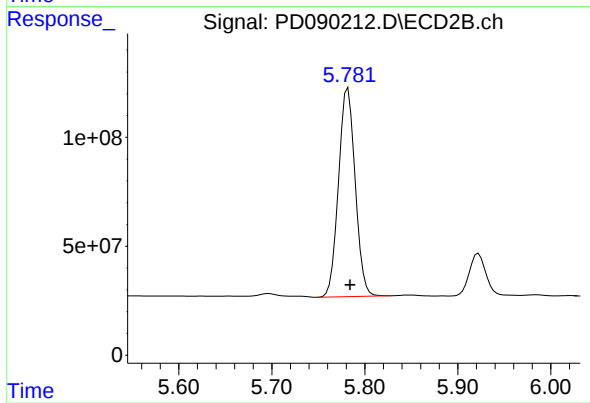
#13 Dieldrin

R.T.: 5.502 min
Delta R.T.: -0.005 min
Response: 709328
Conc: 0.02 ng/ml



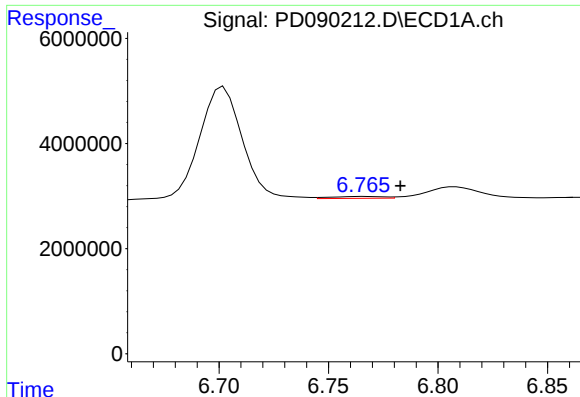
#14 Endrin

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 175789205
Conc: 42.42 ng/ml



#14 Endrin

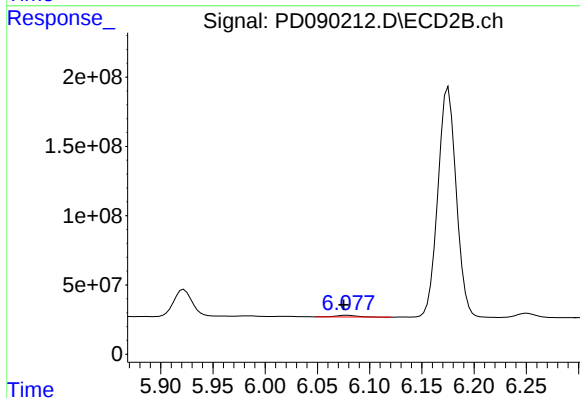
R.T.: 5.782 min
Delta R.T.: -0.002 min
Response: 1192541353
Conc: 44.78 ng/ml



#15 Endosulfan II

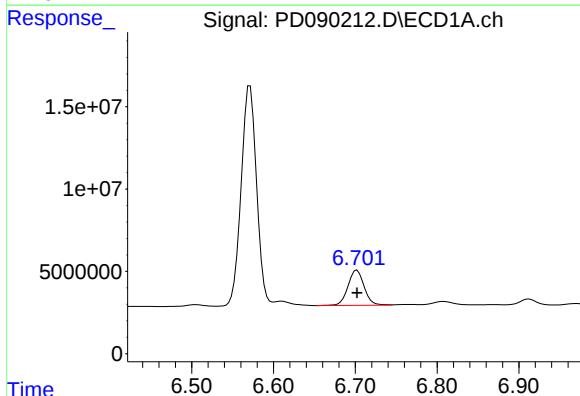
R.T.: 6.766 min
Delta R.T.: -0.017 min
Response: 608031
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



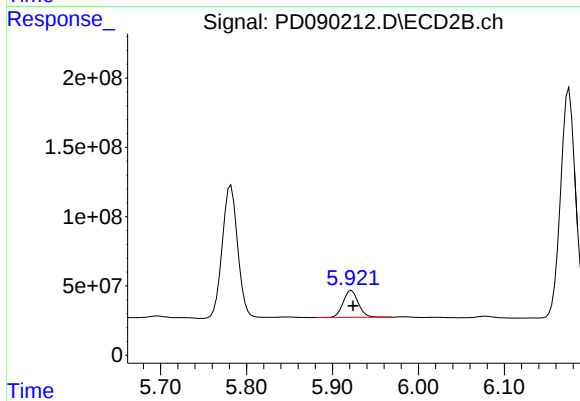
#15 Endosulfan II

R.T.: 6.078 min
Delta R.T.: 0.003 min
Response: 15374493
Conc: 0.61 ng/ml



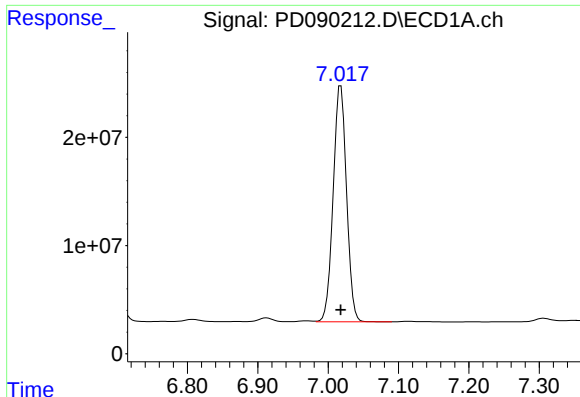
#16 4,4'-DDD

R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 29318127
Conc: 8.48 ng/ml



#16 4,4'-DDD

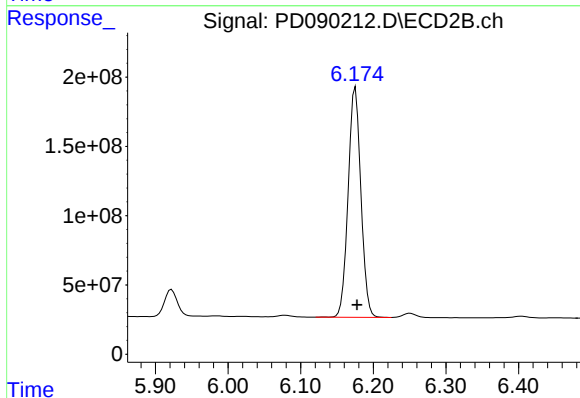
R.T.: 5.922 min
Delta R.T.: -0.002 min
Response: 237553627
Conc: 9.88 ng/ml



#17 4,4'-DDT

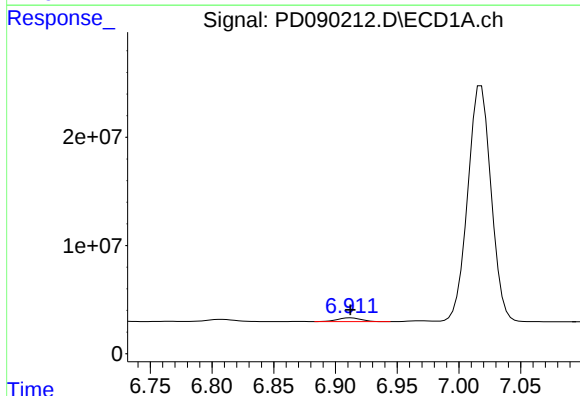
R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 287776472
Conc: 75.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



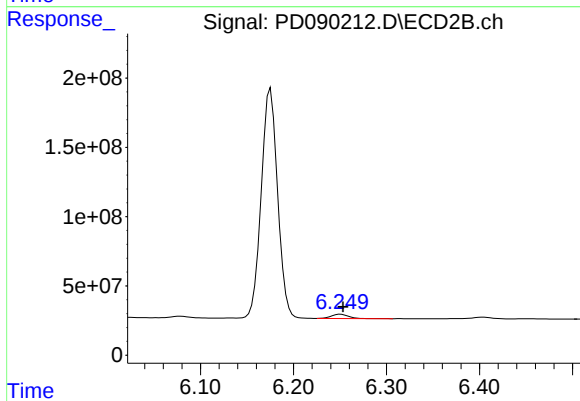
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: -0.002 min
Response: 2031273937
Conc: 81.03 ng/ml



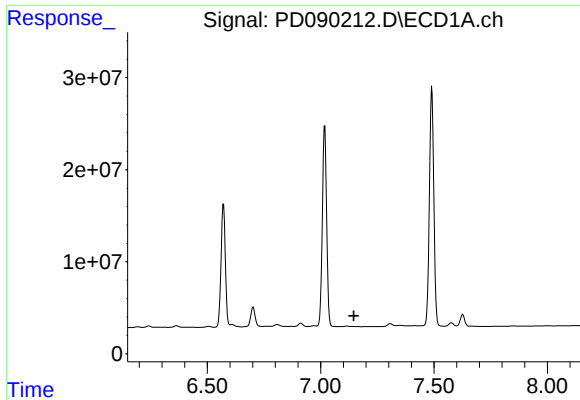
#18 Endrin aldehyde

R.T.: 6.912 min
Delta R.T.: 0.000 min
Response: 4771954
Conc: 1.66 ng/ml



#18 Endrin aldehyde

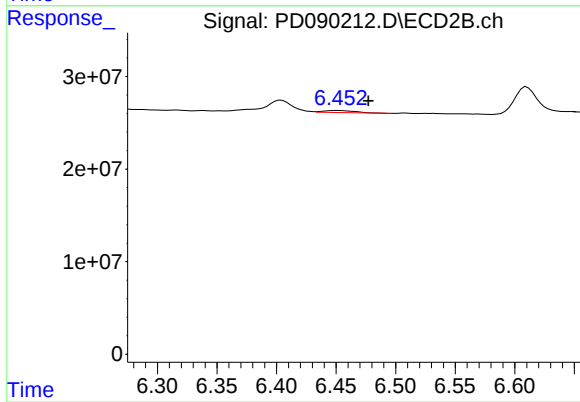
R.T.: 6.251 min
Delta R.T.: -0.003 min
Response: 38302477
Conc: 2.22 ng/ml



#19 Endosulfan Sulfate

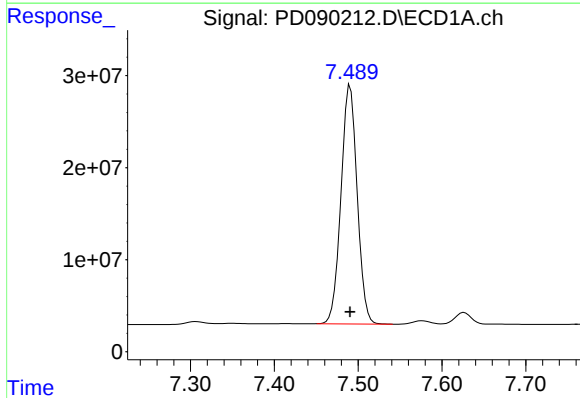
R.T.: 0.000 min
Exp R.T.: 7.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



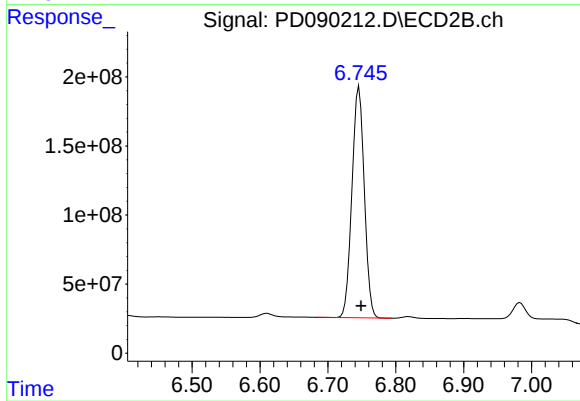
#19 Endosulfan Sulfate

R.T.: 6.451 min
Delta R.T.: -0.026 min
Response: 3963067
Conc: 0.16 ng/ml



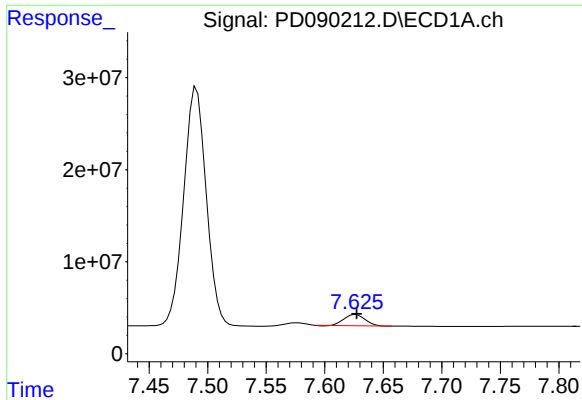
#20 Methoxychlor

R.T.: 7.491 min
Delta R.T.: 0.000 min
Response: 348047973
Conc: 173.54 ng/ml



#20 Methoxychlor

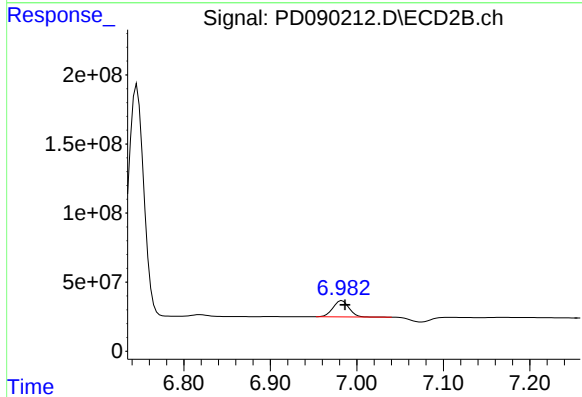
R.T.: 6.746 min
Delta R.T.: -0.003 min
Response: 2116912874
Conc: 164.16 ng/ml



#21 Endrin ketone

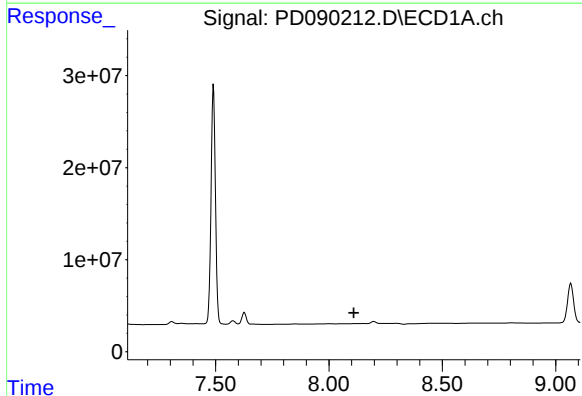
R.T.: 7.627 min
Delta R.T.: 0.000 min
Response: 15278120
Conc: 3.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



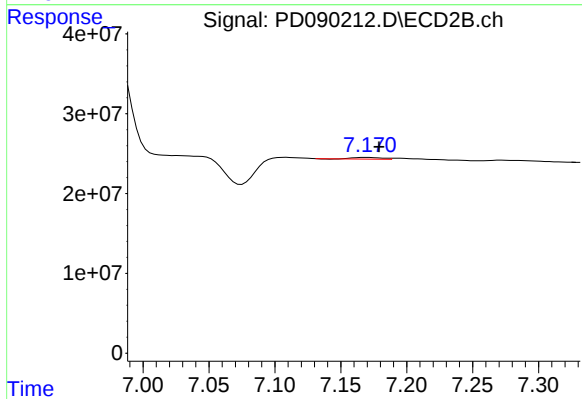
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: -0.003 min
Response: 150402685
Conc: 5.64 ng/ml



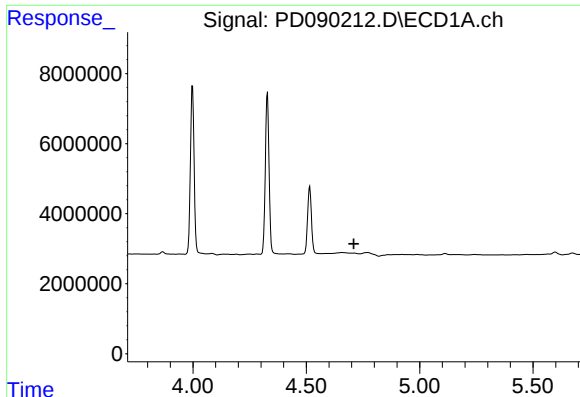
#22 Mirex

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



#22 Mirex

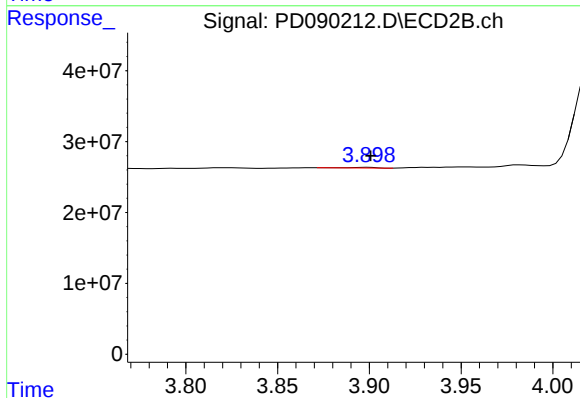
R.T.: 7.171 min
Delta R.T.: -0.008 min
Response: 3230788
Conc: 0.16 ng/ml



#23 Chlordane-1

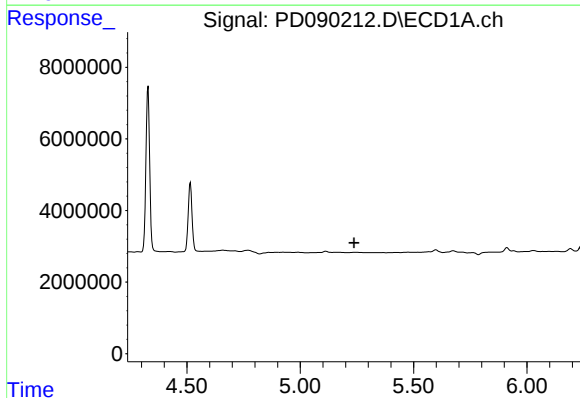
R.T.: 0.000 min
Exp R.T.: 4.710 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



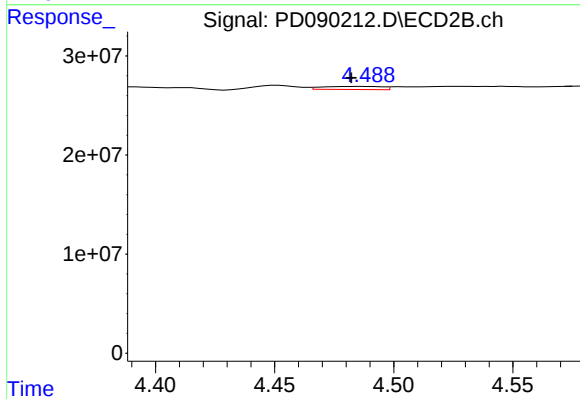
#23 Chlordane-1

R.T.: 3.899 min
Delta R.T.: -0.002 min
Response: 1004429
Conc: 1.13 ng/ml



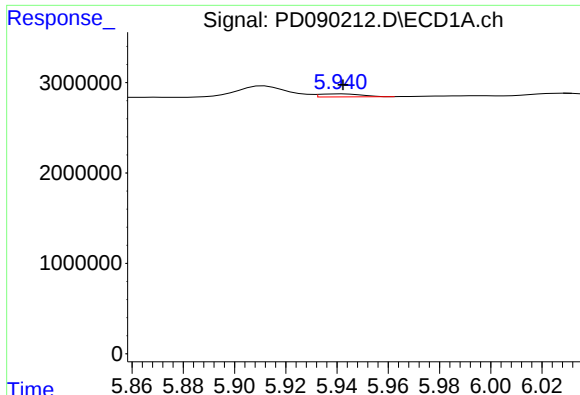
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.238 min
Response: 0
Conc: N.D.



#24 Chlordane-2

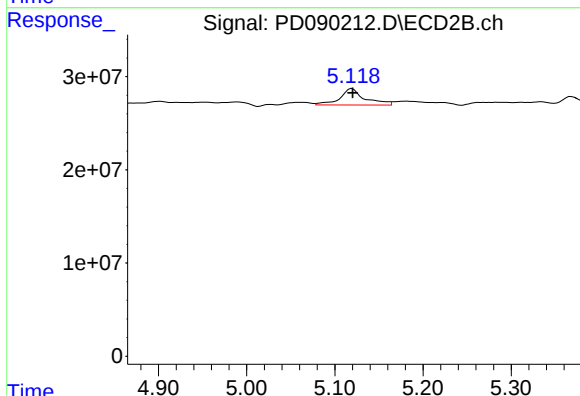
R.T.: 4.487 min
Delta R.T.: 0.005 min
Response: 5377316
Conc: 5.61 ng/ml



#25 Chlordane-3

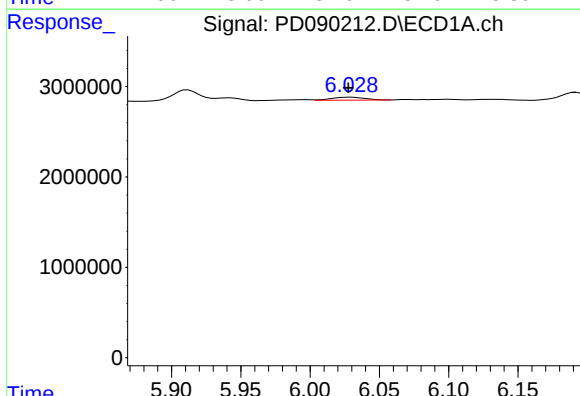
R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 372634
Conc: 0.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



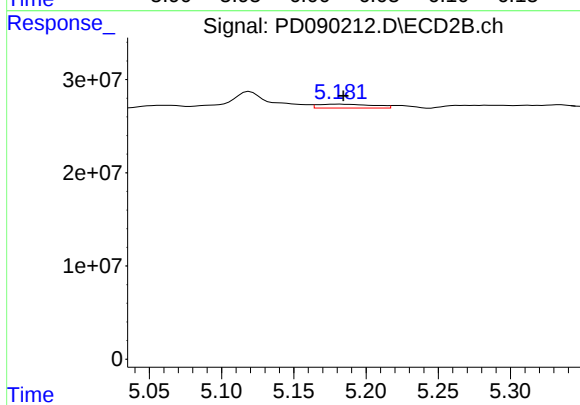
#25 Chlordane-3

R.T.: 5.120 min
Delta R.T.: 0.000 min
Response: 34658442
Conc: 12.51 ng/ml



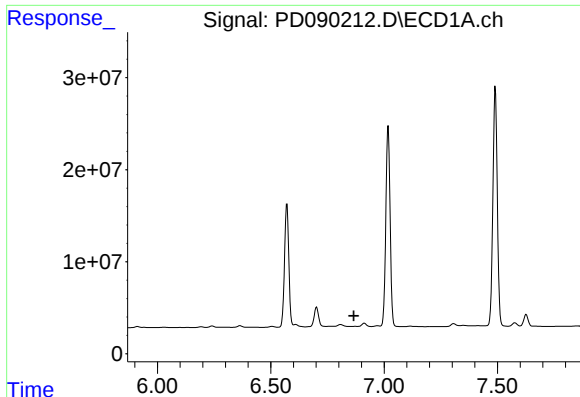
#26 Chlordane-4

R.T.: 6.029 min
Delta R.T.: 0.002 min
Response: 554866
Conc: 0.67 ng/ml



#26 Chlordane-4

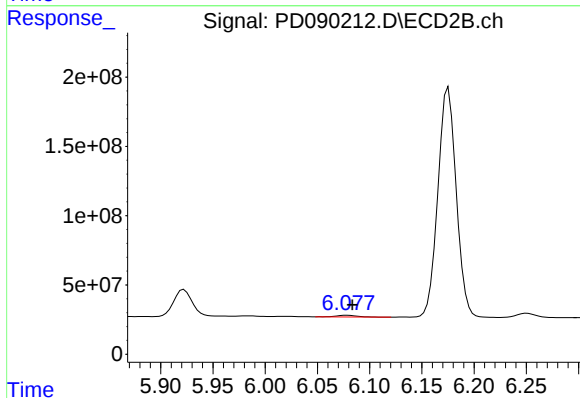
R.T.: 5.182 min
Delta R.T.: -0.002 min
Response: 11228361
Conc: 4.67 ng/ml



#27 Chlordane-5

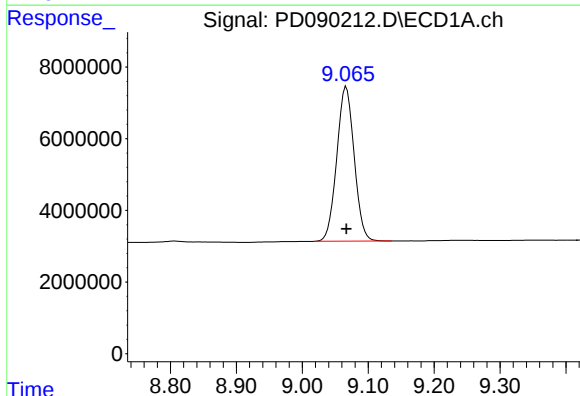
R.T.: 0.000 min
Exp R.T.: 6.867 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



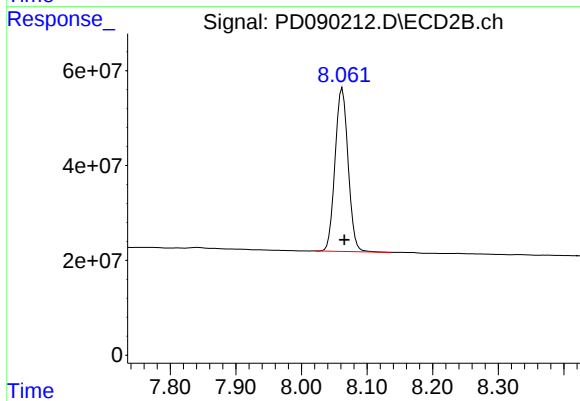
#27 Chlordane-5

R.T.: 6.078 min
Delta R.T.: -0.005 min
Response: 15374493
Conc: 13.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: 0.000 min
Response: 78868773
Conc: 18.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 477219010
Conc: 18.44 ng/ml