

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121525\
 Data File : PD091581.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Dec 2025 10:06
 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 16 01:10:32 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	72889826	903.4E6	20.986	22.927
2)	SA Decachlor...	9.058	8.053	102.3E6	975.4E6	19.686	23.555
Target Compounds							
2)	A alpha-BHC	3.989	3.381	71563783	758.5E6	8.889	11.126 #
3)	MA gamma-BHC...	4.319	3.717	69552340	705.8E6	9.254	12.553 #
4)	MA Heptachlor	4.940f	4.085f	485365	974543	0.068	0.017 #
5)	MB Aldrin	0.000	4.356	0	5277522	N.D.	0.091 #
6)	B beta-BHC	4.507	4.013	29460215	298.5E6	10.204	12.457
7)	B delta-BHC	4.765	4.254	2590277	2356043	0.433	0.039 #
8)	B Heptachlo...	5.670	0.000	292131	0	0.047	N.D. #
9)	A Endosulfan I	6.084f	5.221	251950	3393808	0.041	0.069 #
10)	B gamma-Chl...	5.904f	5.111	344475	30578290	0.054	0.548 #
11)	B alpha-Chl...	5.986f	5.174	2043779	9319669	0.304	0.174 #
12)	B 4,4'-DDE	6.185	5.359	777531	8872026	0.134	0.162
13)	MA Dieldrin	6.358f	5.492	676376	1062008	0.104	0.019 #
14)	MA Endrin	6.562	5.773	253.5E6	2625.7E6	45.202	50.225
15)	B Endosulfa...	6.759f	6.071	1361447	14706335	0.224	0.312 #
16)	A 4,4'-DDD	6.694	5.913	10870121	128.9E6	2.362	2.835
17)	MA 4,4'-DDT	7.009	6.166	445.7E6	4986.0E6	86.435	105.193
18)	B Endrin al...	6.905	6.241	3720258	41037322	0.891	1.150 #
19)	B Endosulfa...	7.138	6.443f	370933	5344725	0.070	0.116 #
20)	A Methoxychlor	7.483	6.737	532.7E6	4671.7E6	198.186	197.972
21)	B Endrin ke...	7.619	6.974	9618361	109.5E6	1.707	2.250 #
22)	Mirex	8.114	7.160	-49569	7711480	N.D.	0.235
23)	Chlordane-1	0.000	3.887	0	1706205	N.D.	1.142 #
24)	Chlordane-2	0.000	4.474	0	3120238	N.D.	1.976 #
25)	Chlordane-3	0.000	5.111	0	30578290	N.D.	6.004 #
26)	Chlordane-4	0.000	5.174	0	9319669	N.D.	2.183 #
27)	Chlordane-5	0.000	6.071	0	14706335	N.D.	7.756 #

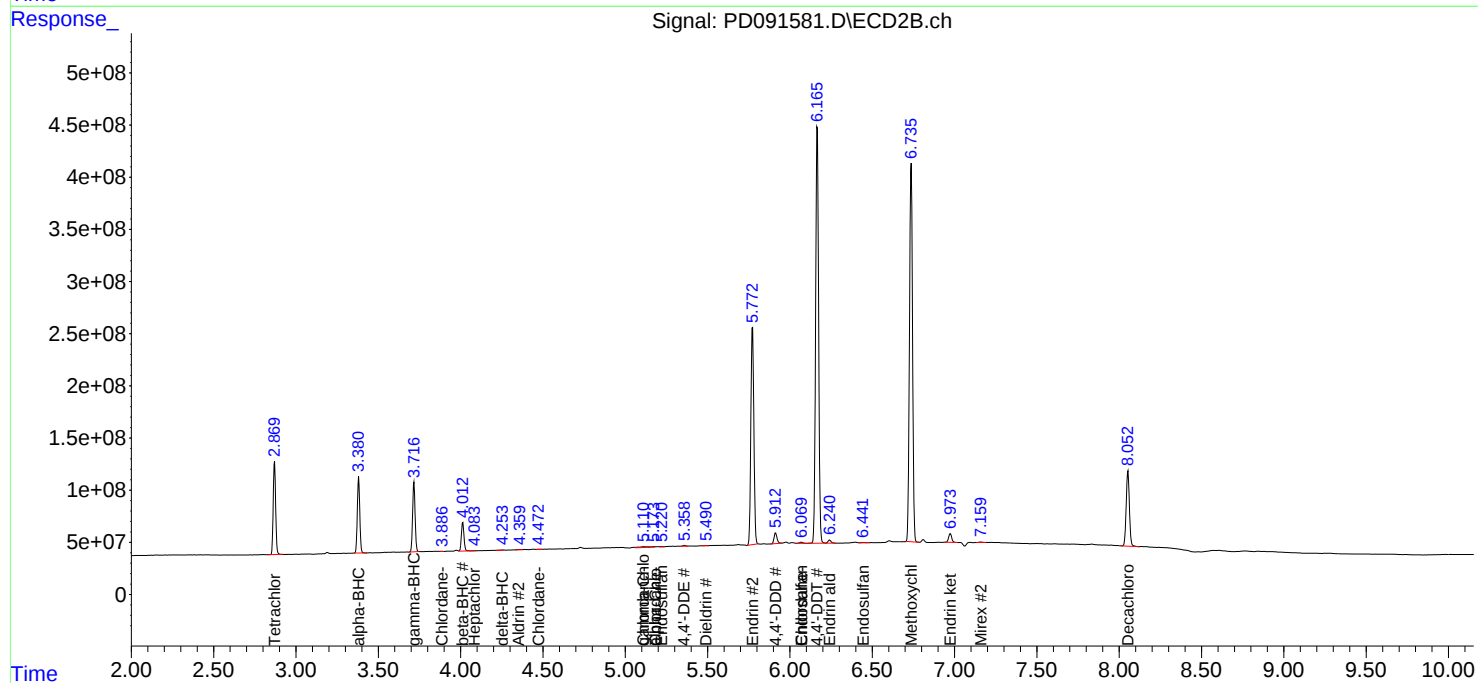
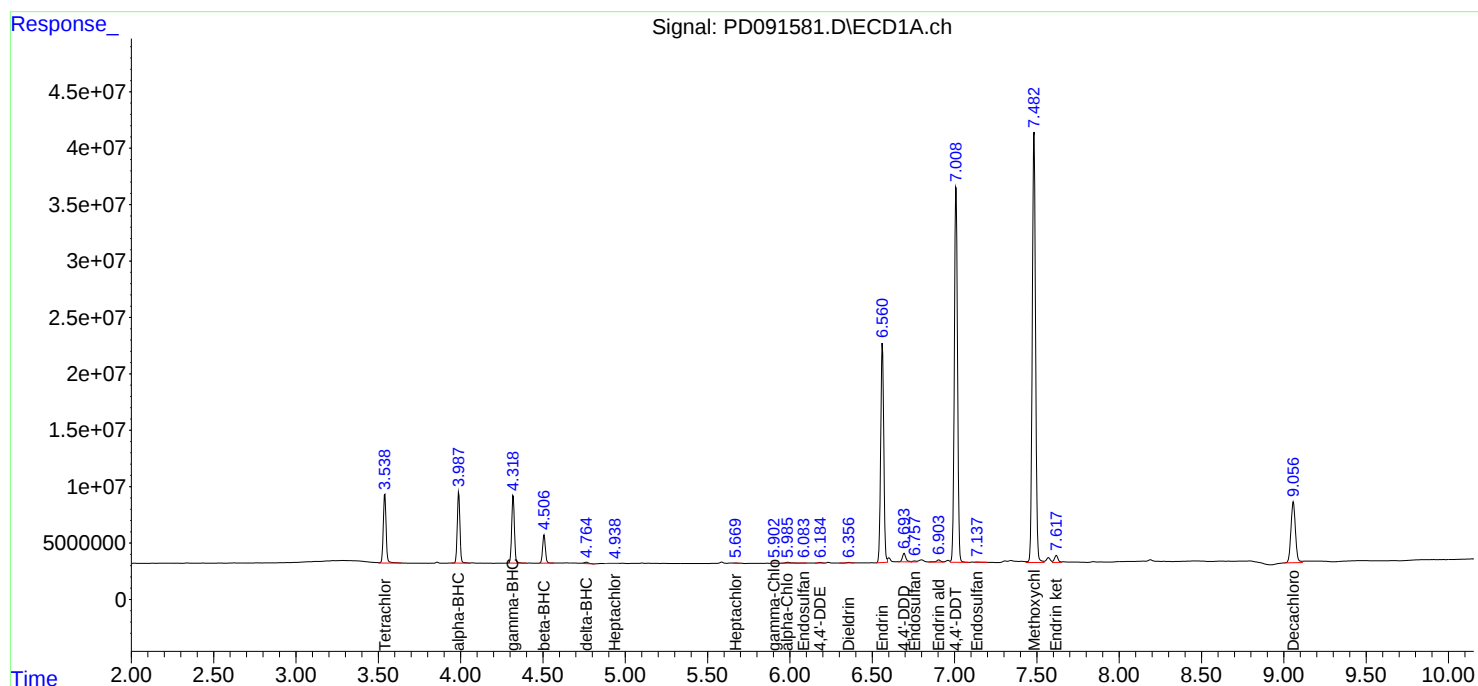
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

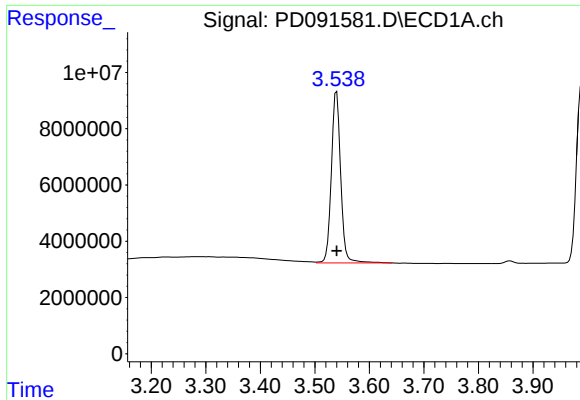
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD121525\
Data File : PD091581.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Dec 2025 10:06
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 16 01:10:32 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

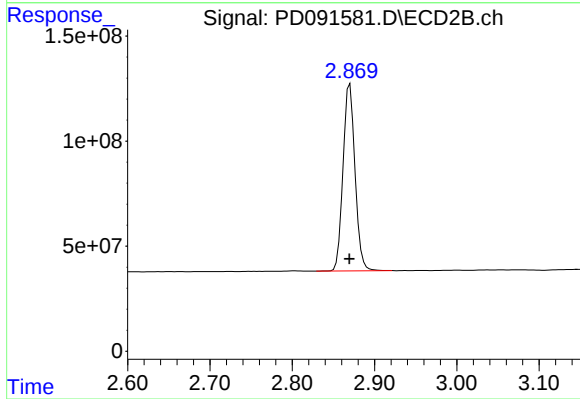




#1 Tetrachloro-m-xylene

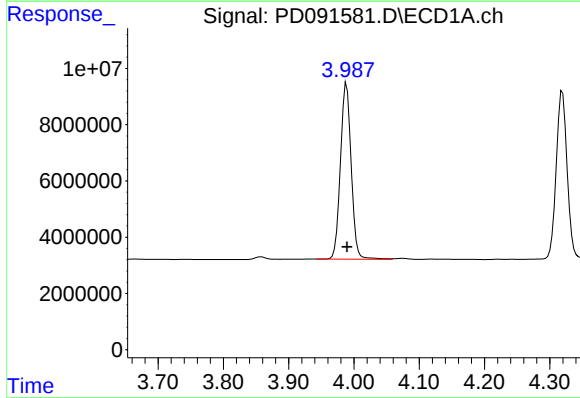
R.T.: 3.540 min
Delta R.T.: 0.000 min
Response: 72889826
Conc: 20.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



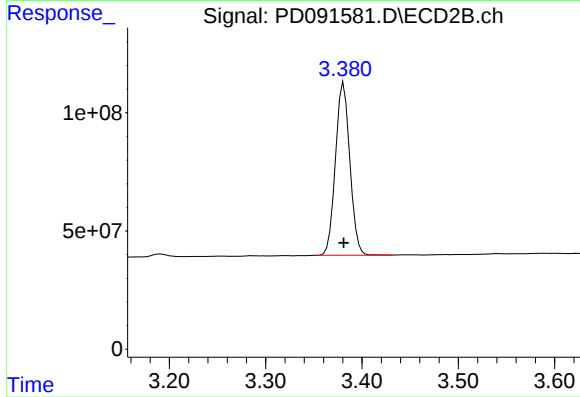
#1 Tetrachloro-m-xylene

R.T.: 2.870 min
Delta R.T.: 0.000 min
Response: 903414016
Conc: 22.93 ng/ml



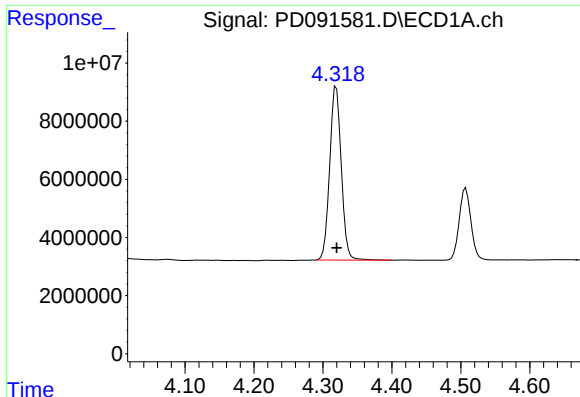
#2 alpha-BHC

R.T.: 3.989 min
Delta R.T.: 0.000 min
Response: 71563783
Conc: 8.89 ng/ml



#2 alpha-BHC

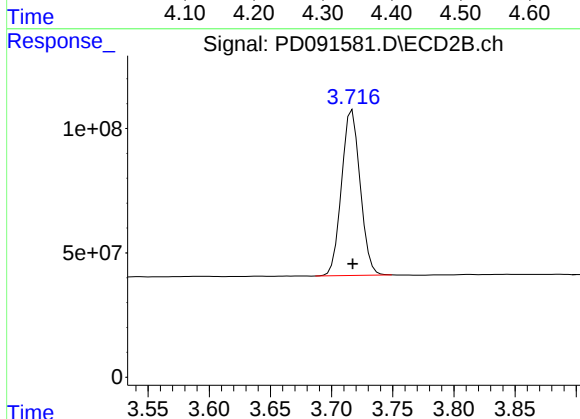
R.T.: 3.381 min
Delta R.T.: 0.000 min
Response: 758523957
Conc: 11.13 ng/ml



#3 gamma-BHC (Lindane)

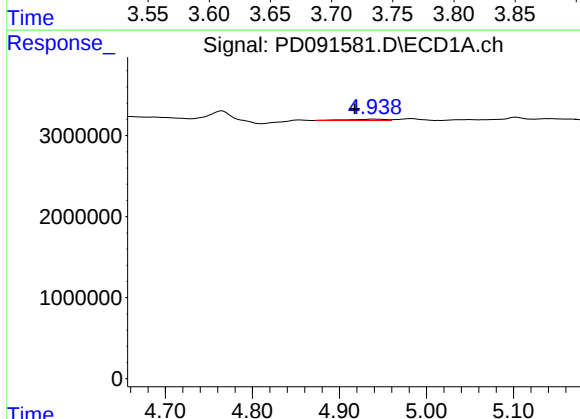
R.T.: 4.319 min
Delta R.T.: 0.000 min
Response: 69552340
Conc: 9.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



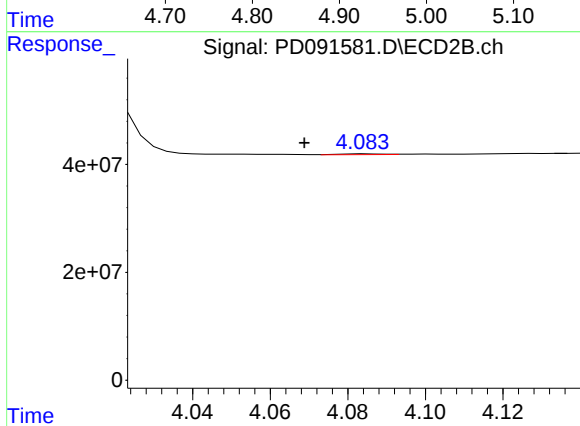
#3 gamma-BHC (Lindane)

R.T.: 3.717 min
Delta R.T.: 0.000 min
Response: 705834400
Conc: 12.55 ng/ml



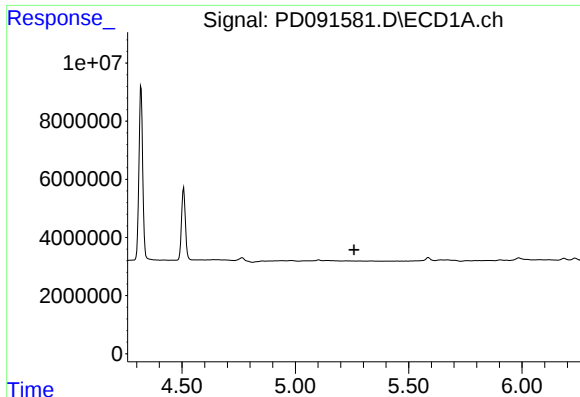
#4 Heptachlor

R.T.: 4.940 min
Delta R.T.: 0.022 min
Response: 485365
Conc: 0.07 ng/ml



#4 Heptachlor

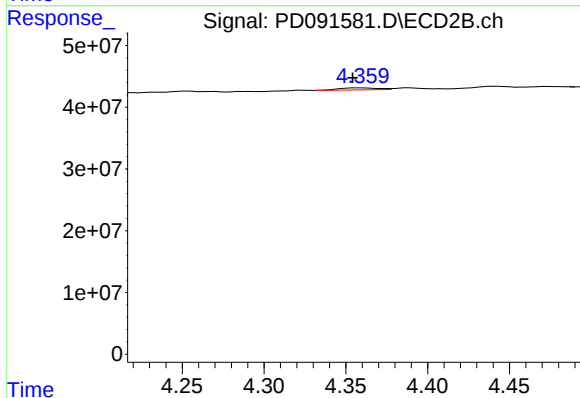
R.T.: 4.085 min
Delta R.T.: 0.016 min
Response: 974543
Conc: 0.02 ng/ml



#5 Aldrin

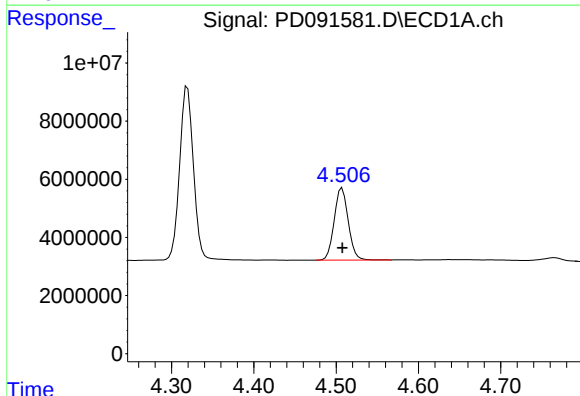
R.T.: 0.000 min
Exp R.T.: 5.259 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



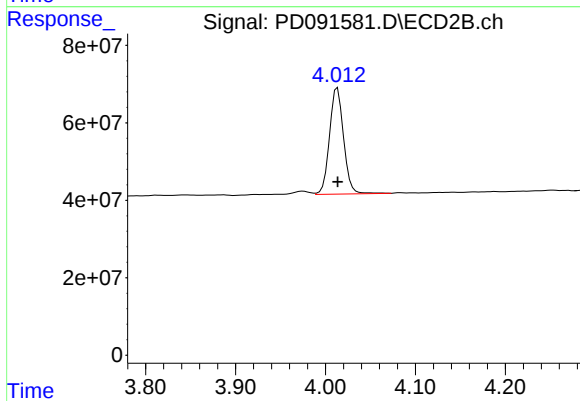
#5 Aldrin

R.T.: 4.356 min
Delta R.T.: 0.002 min
Response: 5277522
Conc: 0.09 ng/ml



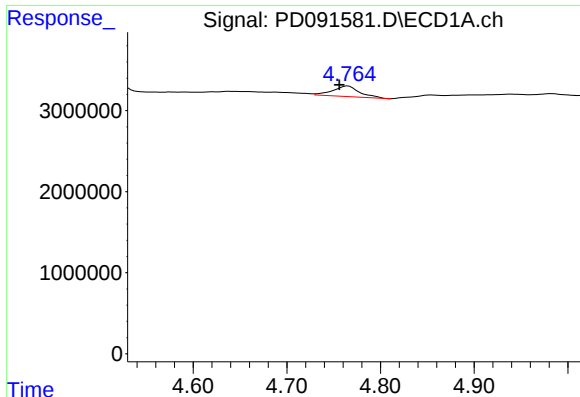
#6 beta-BHC

R.T.: 4.507 min
Delta R.T.: 0.000 min
Response: 29460215
Conc: 10.20 ng/ml



#6 beta-BHC

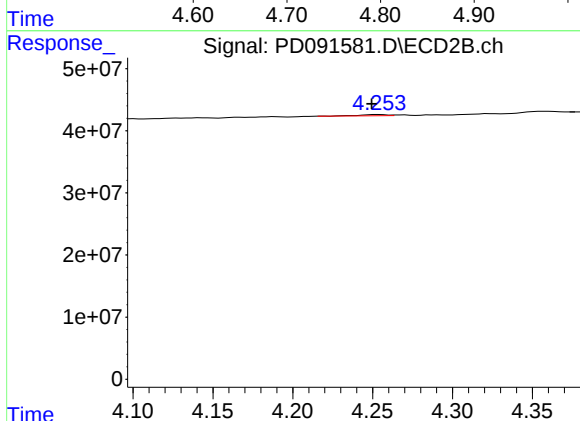
R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 298467684
Conc: 12.46 ng/ml



#7 delta-BHC

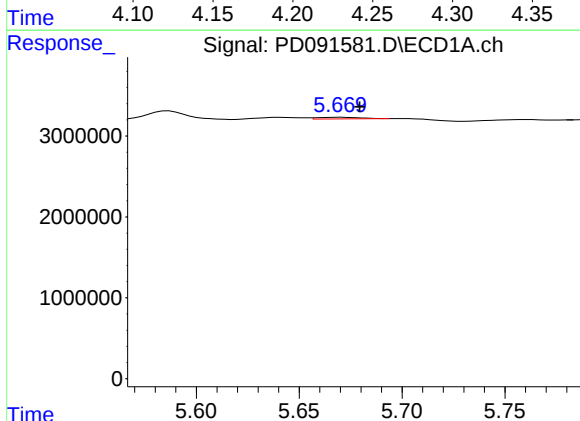
R.T.: 4.765 min
Delta R.T.: 0.009 min
Response: 2590277
Conc: 0.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



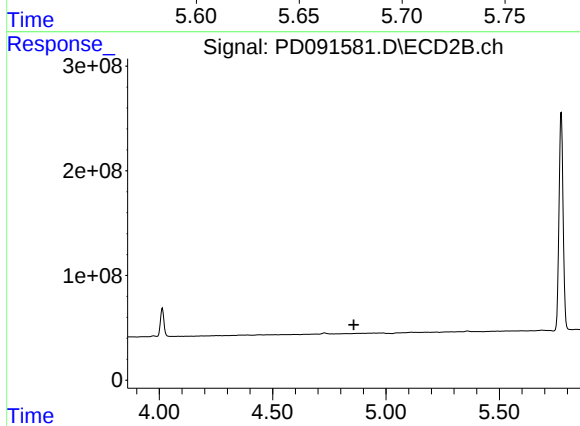
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: 0.004 min
Response: 2356043
Conc: 0.04 ng/ml



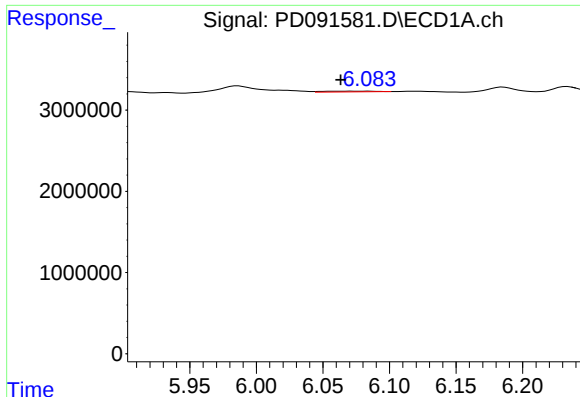
#8 Heptachlor epoxide

R.T.: 5.670 min
Delta R.T.: -0.009 min
Response: 292131
Conc: 0.05 ng/ml



#8 Heptachlor epoxide

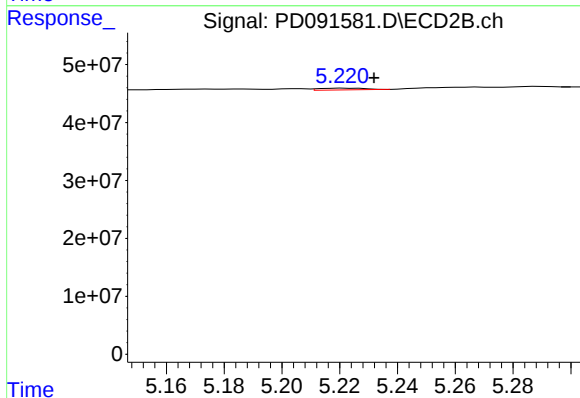
R.T.: 0.000 min
Exp R.T. : 4.858 min
Response: 0
Conc: N.D.



#9 Endosulfan I

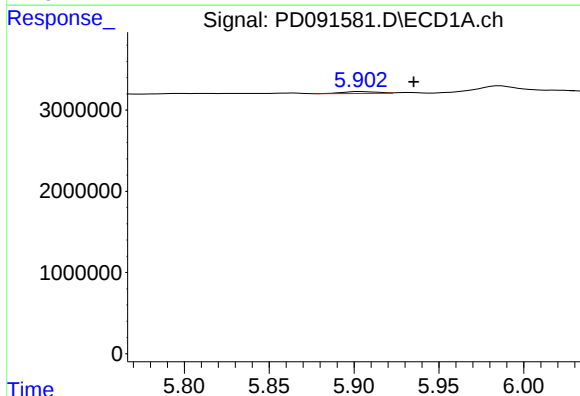
R.T.: 6.084 min
Delta R.T.: 0.021 min
Response: 251950
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



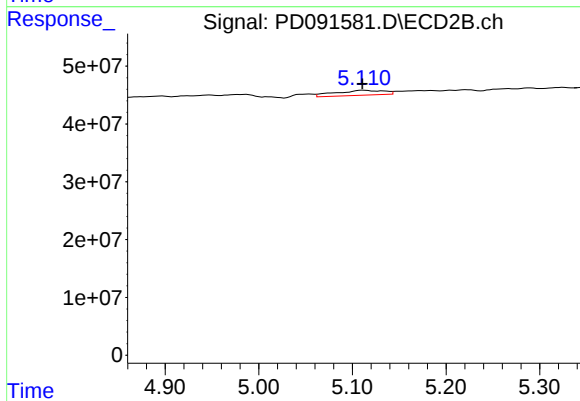
#9 Endosulfan I

R.T.: 5.221 min
Delta R.T.: -0.011 min
Response: 3393808
Conc: 0.07 ng/ml



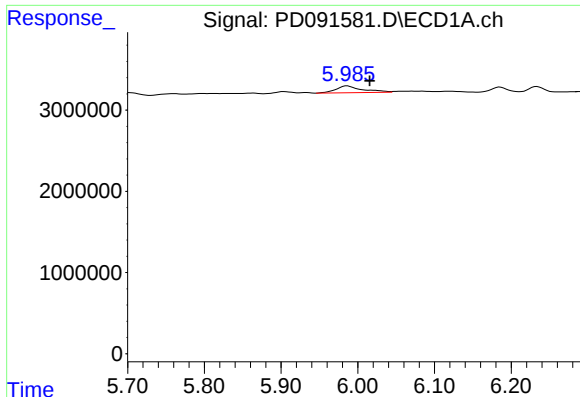
#10 gamma-Chlordane

R.T.: 5.904 min
Delta R.T.: -0.031 min
Response: 344475
Conc: 0.05 ng/ml



#10 gamma-Chlordane

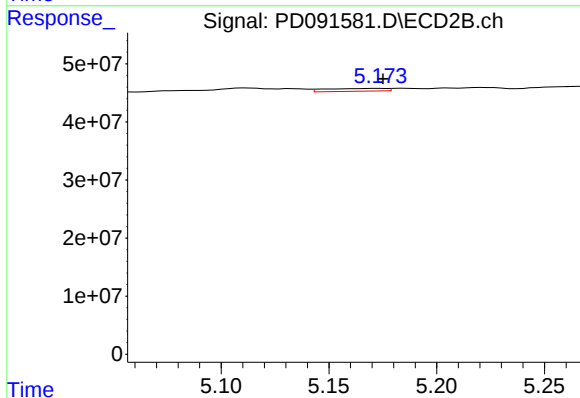
R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 30578290
Conc: 0.55 ng/ml



#11 alpha-Chlordane

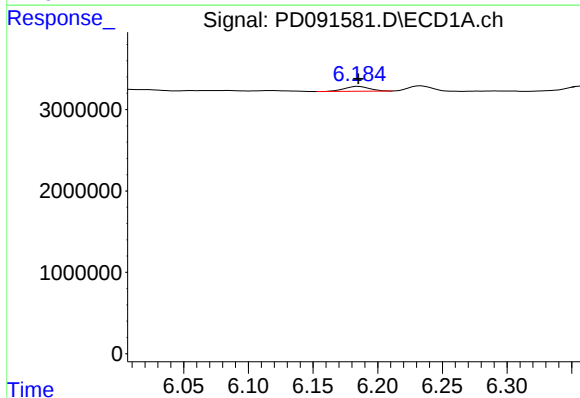
R.T.: 5.986 min
Delta R.T.: -0.030 min
Response: 2043779
Conc: 0.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



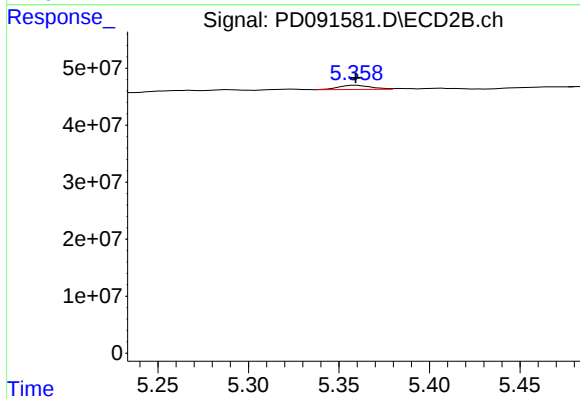
#11 alpha-Chlordane

R.T.: 5.174 min
Delta R.T.: -0.001 min
Response: 9319669
Conc: 0.17 ng/ml



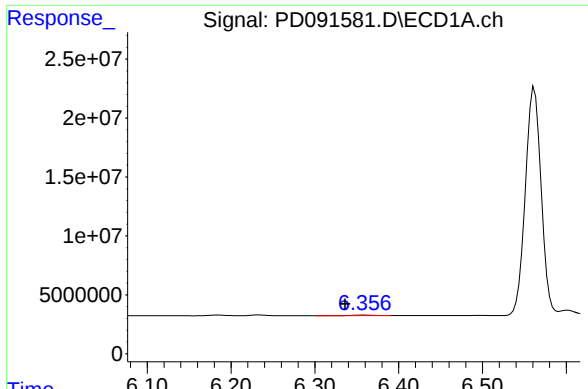
#12 4,4'-DDE

R.T.: 6.185 min
Delta R.T.: 0.000 min
Response: 777531
Conc: 0.13 ng/ml



#12 4,4'-DDE

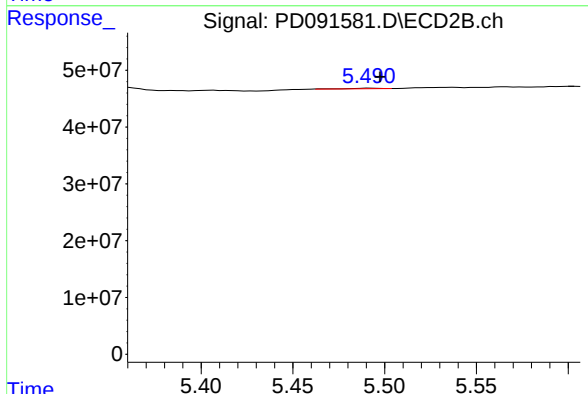
R.T.: 5.359 min
Delta R.T.: 0.000 min
Response: 8872026
Conc: 0.16 ng/ml



#13 Dieldrin

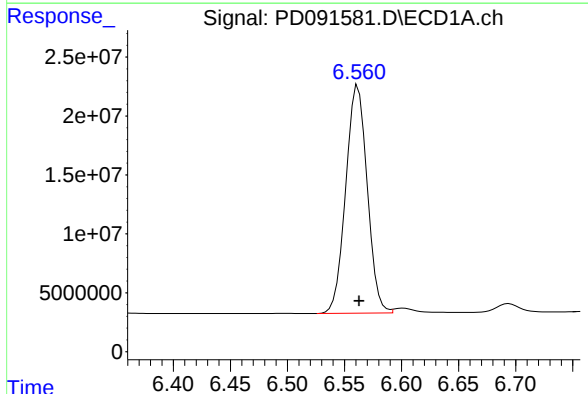
R.T.: 6.358 min
Delta R.T.: 0.022 min
Response: 676376
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



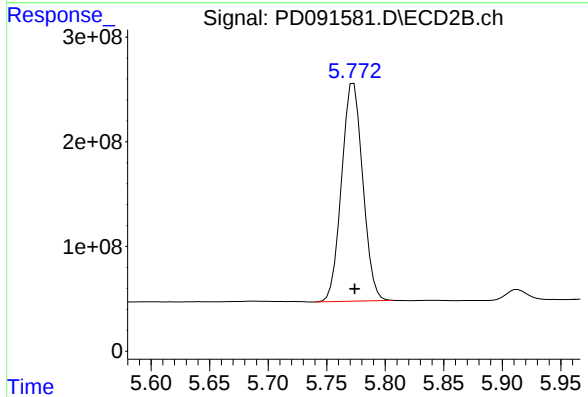
#13 Dieldrin

R.T.: 5.492 min
Delta R.T.: -0.006 min
Response: 1062008
Conc: 0.02 ng/ml



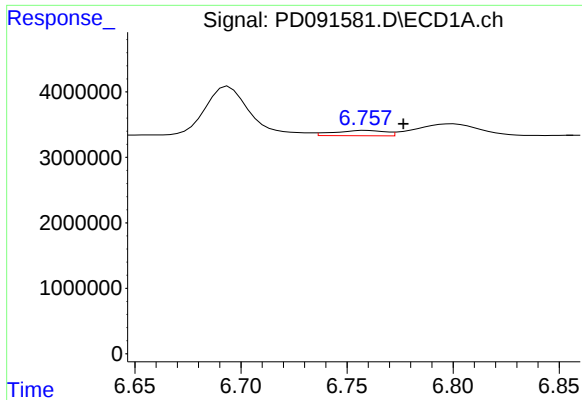
#14 Endrin

R.T.: 6.562 min
Delta R.T.: -0.001 min
Response: 253502993
Conc: 45.20 ng/ml



#14 Endrin

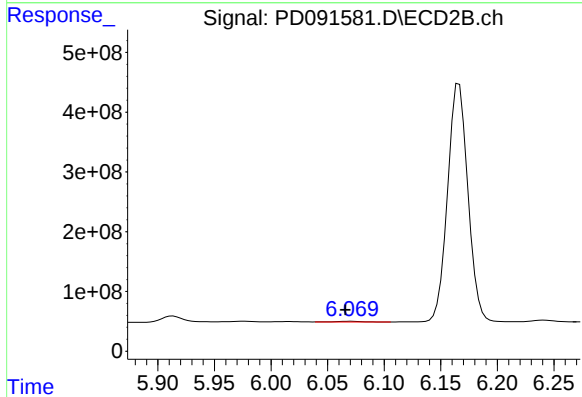
R.T.: 5.773 min
Delta R.T.: -0.001 min
Response: 2625675373
Conc: 50.23 ng/ml



#15 Endosulfan II

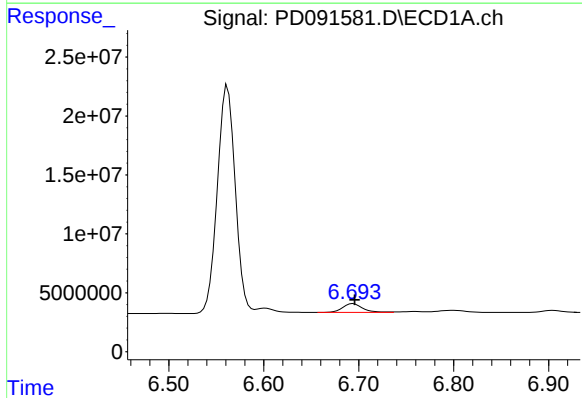
R.T.: 6.759 min
Delta R.T.: -0.018 min
Response: 1361447
Conc: 0.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



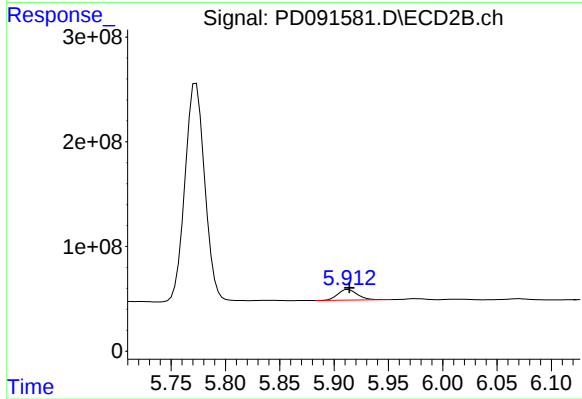
#15 Endosulfan II

R.T.: 6.071 min
Delta R.T.: 0.005 min
Response: 14706335
Conc: 0.31 ng/ml



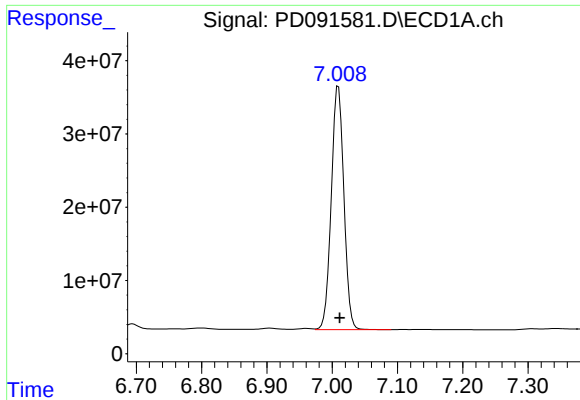
#16 4,4'-DDD

R.T.: 6.694 min
Delta R.T.: -0.002 min
Response: 10870121
Conc: 2.36 ng/ml



#16 4,4'-DDD

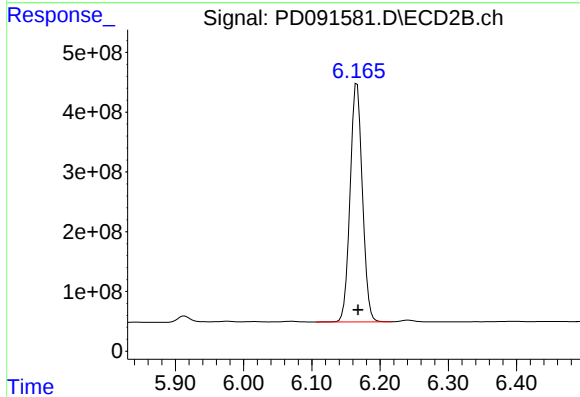
R.T.: 5.913 min
Delta R.T.: -0.001 min
Response: 128941424
Conc: 2.83 ng/ml



#17 4,4'-DDT

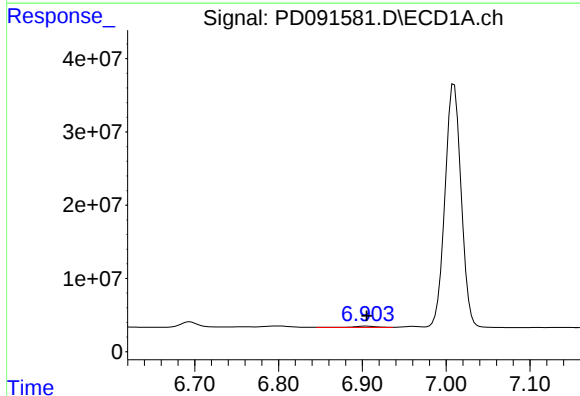
R.T.: 7.009 min
Delta R.T.: -0.002 min
Response: 445701065
Conc: 86.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



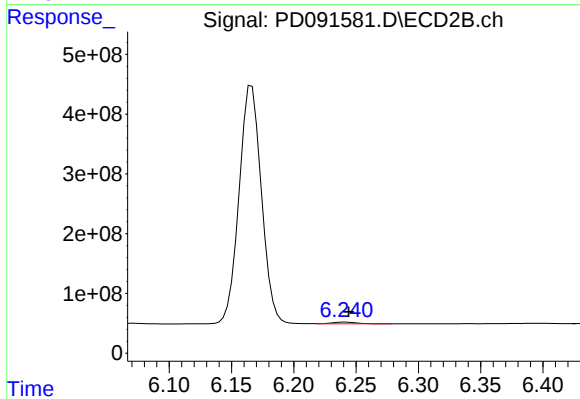
#17 4,4'-DDT

R.T.: 6.166 min
Delta R.T.: -0.002 min
Response: 4985997629
Conc: 105.19 ng/ml



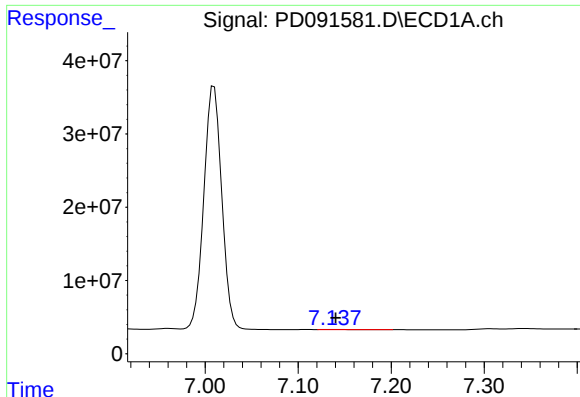
#18 Endrin aldehyde

R.T.: 6.905 min
Delta R.T.: 0.000 min
Response: 3720258
Conc: 0.89 ng/ml



#18 Endrin aldehyde

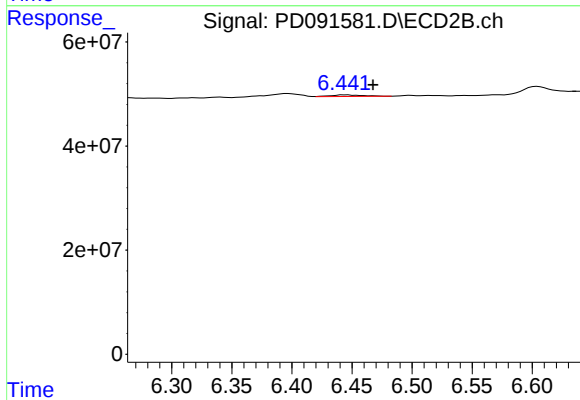
R.T.: 6.241 min
Delta R.T.: -0.003 min
Response: 41037322
Conc: 1.15 ng/ml



#19 Endosulfan Sulfate

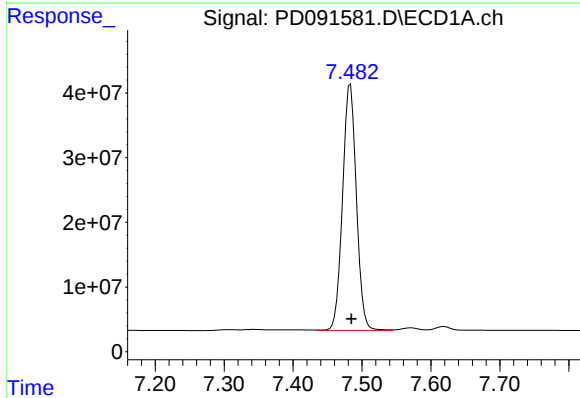
R.T.: 7.138 min
Delta R.T.: -0.002 min
Response: 370933
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



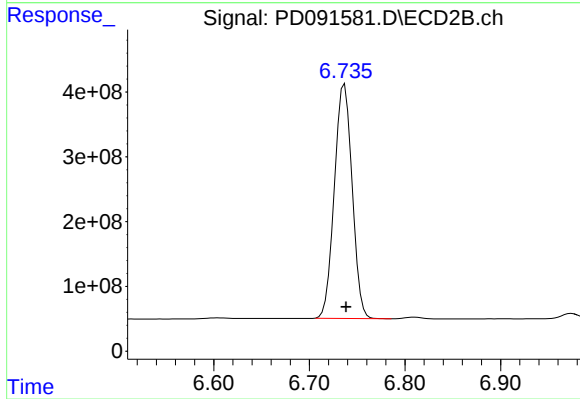
#19 Endosulfan Sulfate

R.T.: 6.443 min
Delta R.T.: -0.024 min
Response: 5344725
Conc: 0.12 ng/ml



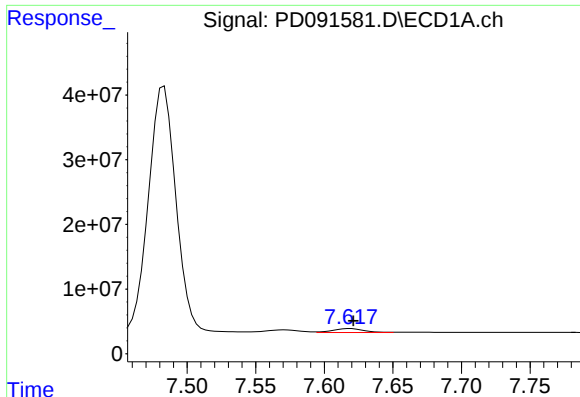
#20 Methoxychlor

R.T.: 7.483 min
Delta R.T.: -0.001 min
Response: 532721356
Conc: 198.19 ng/ml



#20 Methoxychlor

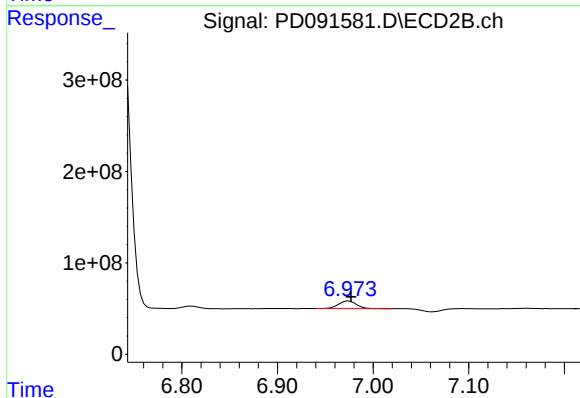
R.T.: 6.737 min
Delta R.T.: -0.002 min
Response: 4671743514
Conc: 197.97 ng/ml



#21 Endrin ketone

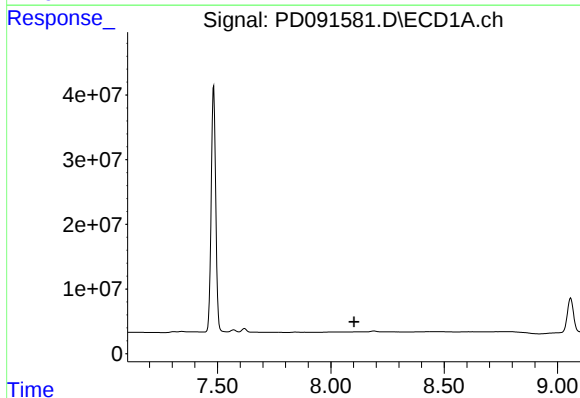
R.T.: 7.619 min
Delta R.T.: -0.002 min
Response: 9618361
Conc: 1.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



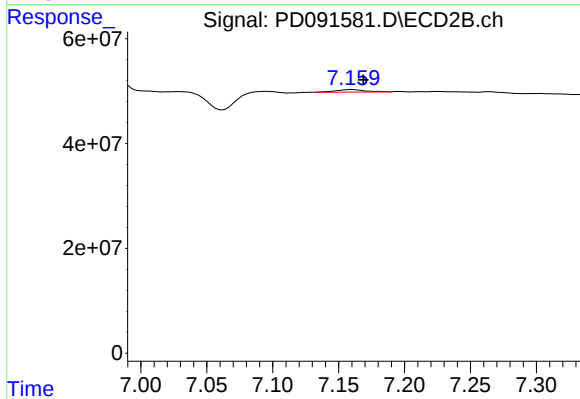
#21 Endrin ketone

R.T.: 6.974 min
Delta R.T.: -0.003 min
Response: 109458962
Conc: 2.25 ng/ml



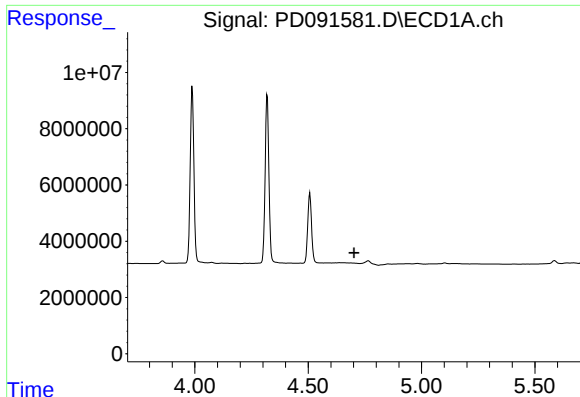
#22 Mirex

R.T.: 8.114 min
Delta R.T.: 0.012 min
Response: -49569
Conc: N.D.



#22 Mirex

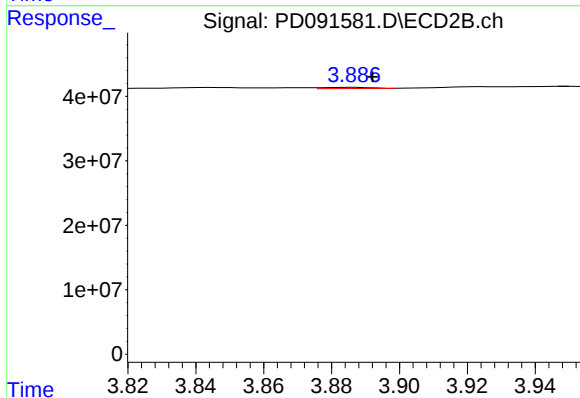
R.T.: 7.160 min
Delta R.T.: -0.008 min
Response: 7711480
Conc: 0.24 ng/ml



#23 Chlordane-1

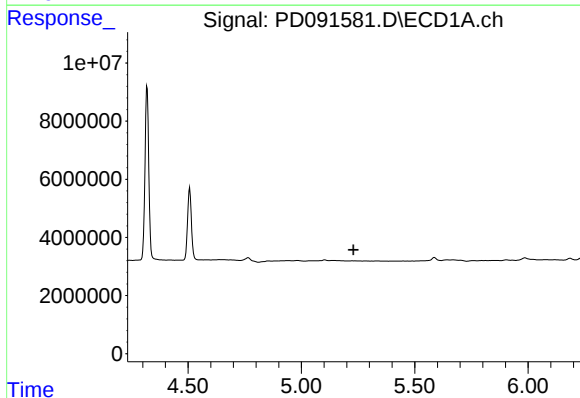
R.T.: 0.000 min
Exp R.T.: 4.703 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



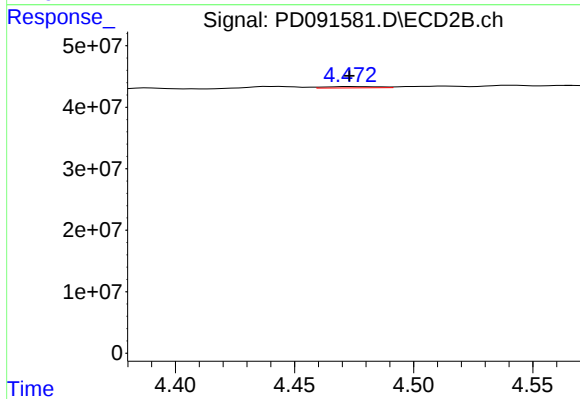
#23 Chlordane-1

R.T.: 3.887 min
Delta R.T.: -0.005 min
Response: 1706205
Conc: 1.14 ng/ml



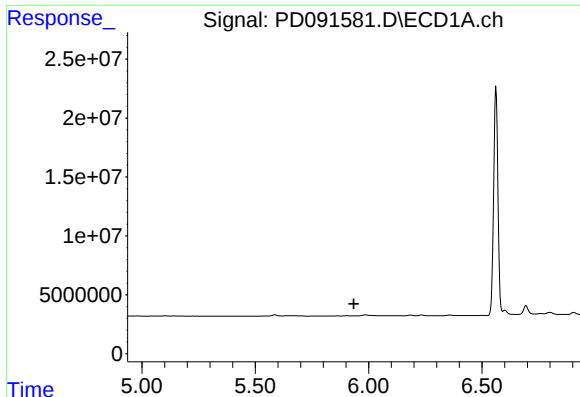
#24 Chlordane-2

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



#24 Chlordane-2

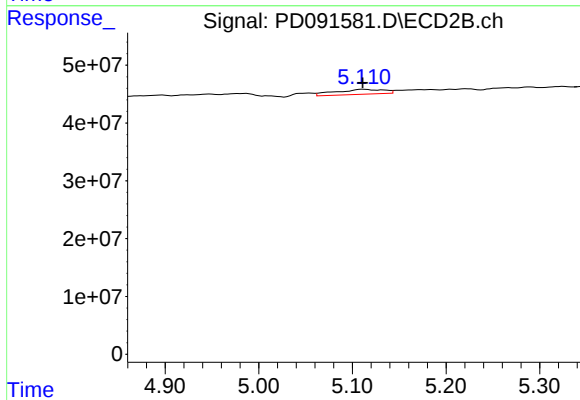
R.T.: 4.474 min
Delta R.T.: 0.000 min
Response: 3120238
Conc: 1.98 ng/ml



#25 Chlordane-3

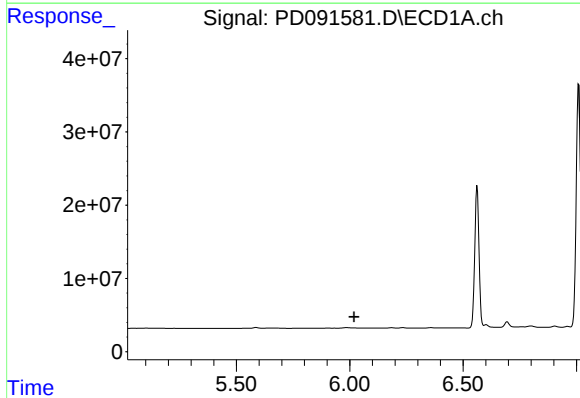
R.T.: 0.000 min
Exp R.T.: 5.935 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



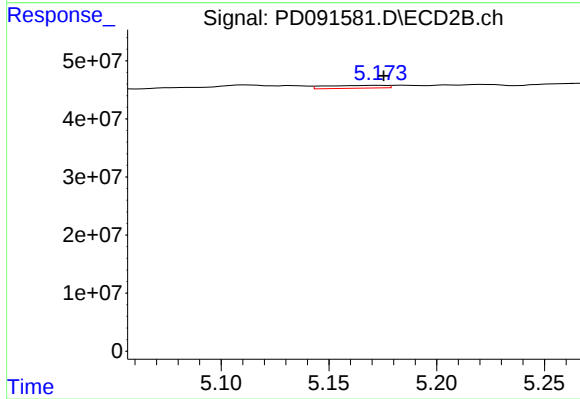
#25 Chlordane-3

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 30578290
Conc: 6.00 ng/ml



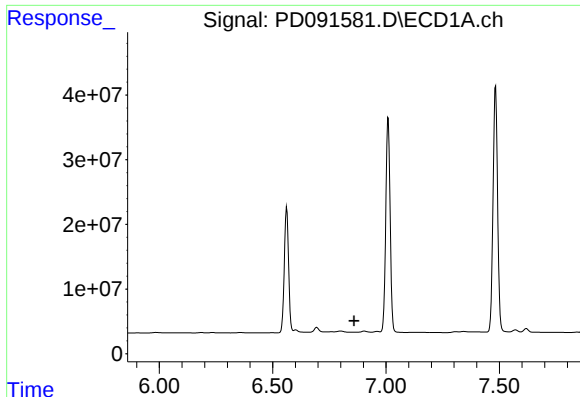
#26 Chlordane-4

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



#26 Chlordane-4

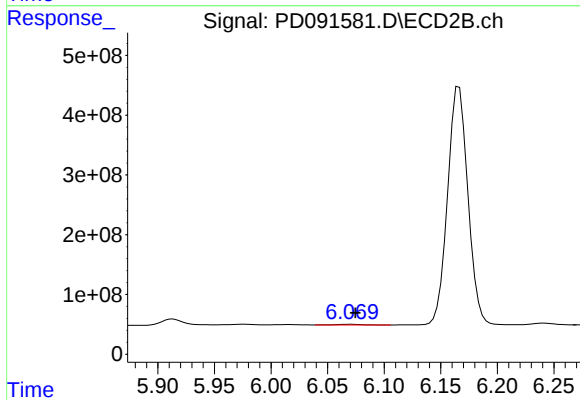
R.T.: 5.174 min
Delta R.T.: -0.002 min
Response: 9319669
Conc: 2.18 ng/ml



#27 Chlordane-5

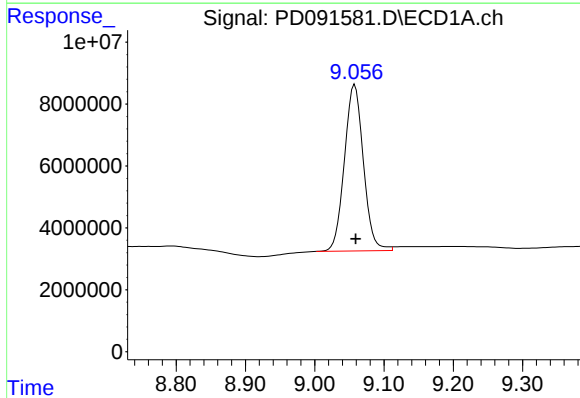
R.T.: 0.000 min
Exp R.T.: 6.860 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



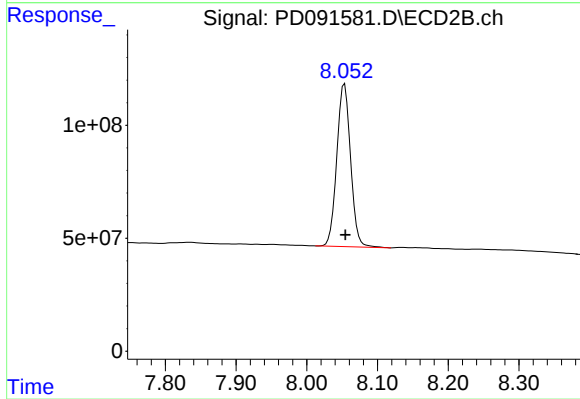
#27 Chlordane-5

R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 14706335
Conc: 7.76 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: -0.001 min
Response: 102329527
Conc: 19.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.053 min
Delta R.T.: -0.001 min
Response: 975449946
Conc: 23.56 ng/ml