

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091025\
 Data File : PD090220.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Sep 2025 14:08
 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: Sep 11 08:19:50 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...	3.546	2.877	58579827	456.2E6	19.960	20.687
2)	SA Decachlor...	9.066	8.064	81845710	512.9E6	18.964	19.814
Target Compounds							
2)	A alpha-BHC	3.995	3.389	51294827	381.6E6	8.546	11.244 #
3)	MA gamma-BHC...	0.000	3.725	0	344.0E6	N.D.	11.035 #
4)	MA Heptachlor	4.951f	4.077	11895183	2310127	2.121	0.074 #
5)	MB Aldrin	5.246f	4.360	318948	1823920	0.059	0.060
6)	B beta-BHC	4.513	4.021	21062543	148.6E6	9.390	11.146
7)	B delta-BHC	0.000	4.274f	0	2296725	N.D.	0.073 #
8)	B Heptachlo...	5.679	4.876	3767458	4670443	0.768	0.169 #
9)	A Endosulfan I	0.000	5.228	0	3181663	N.D.	0.121 #
10)	B gamma-Chl...	5.937	5.121	654639	21365573	0.134	0.722 #
11)	B alpha-Chl...	6.024	5.180	539591	11802489	0.110	0.414 #
12)	B 4,4'-DDE	6.199	5.374	576844	3430784	0.131	0.119
13)	MA Dieldrin	0.000	5.504	0	600858	N.D.	0.021 #
14)	MA Endrin	0.000	5.783	0	1446.4E6	N.D.	54.311 #
15)	B Endosulfa...	6.799f	6.083	2701831	1544673	0.640	0.061 #
16)	A 4,4'-DDD	6.701	5.926	1267974	13708078	0.367	0.570 #
17)	MA 4,4'-DDT	7.017	6.176	334.7E6	2564.4E6	87.859	102.291
18)	B Endrin al...	6.914	6.251	308570	16838175	0.108	0.978 #
20)	A Methoxychlor	7.490	6.747	433.0E6	2749.4E6	215.887	213.205
21)	B Endrin ke...	7.626	6.984	1941464	21414361	0.468	0.804 #
22)	Mirex	0.000	7.171	0	9765918	N.D.	0.473 #
23)	Chlordane-1	0.000	3.895	0	1201416	N.D.	1.352 #
24)	Chlordane-2	5.246	4.474	318948	552047	1.812	0.576 #
25)	Chlordane-3	5.937	5.121	654639	21365573	0.965	7.711 #
26)	Chlordane-4	6.024	5.180	539591	11802489	0.650	4.904 #
27)	Chlordane-5	6.868	6.083	368330	1544673	2.628	1.404 #

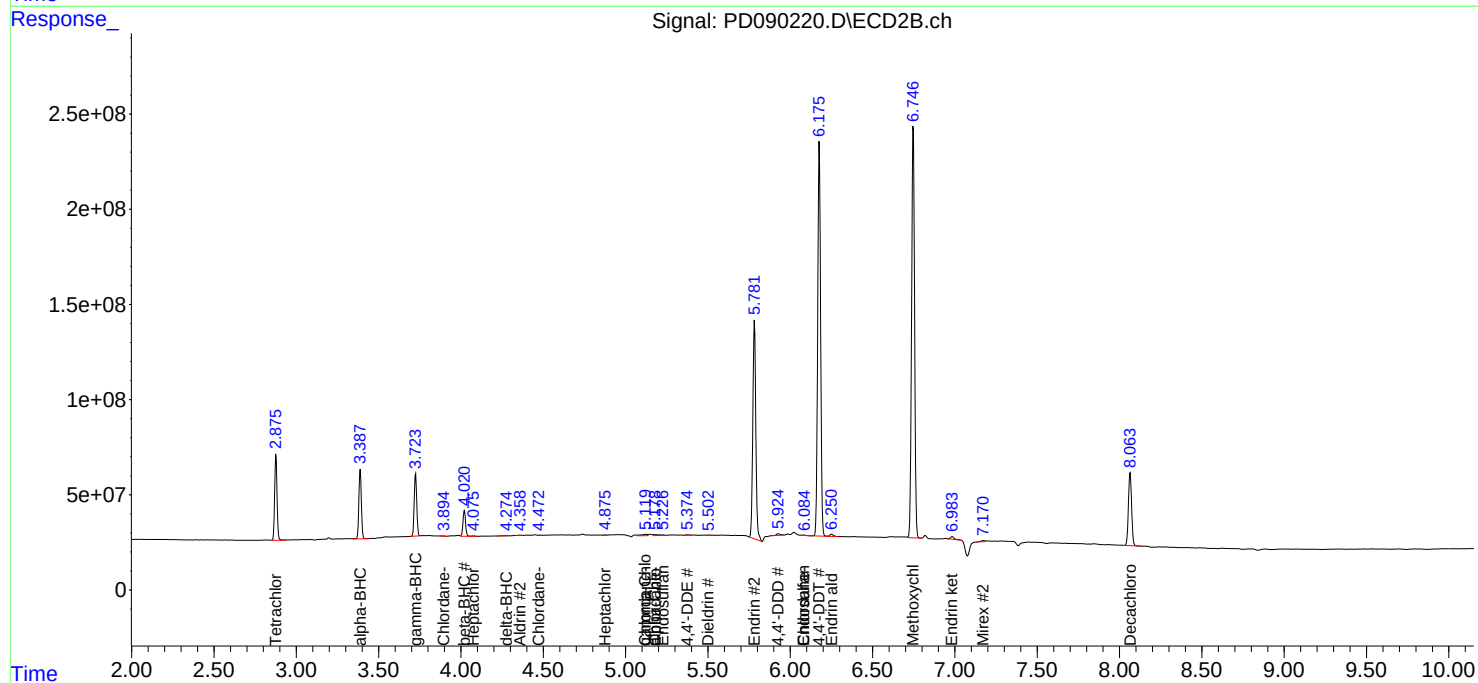
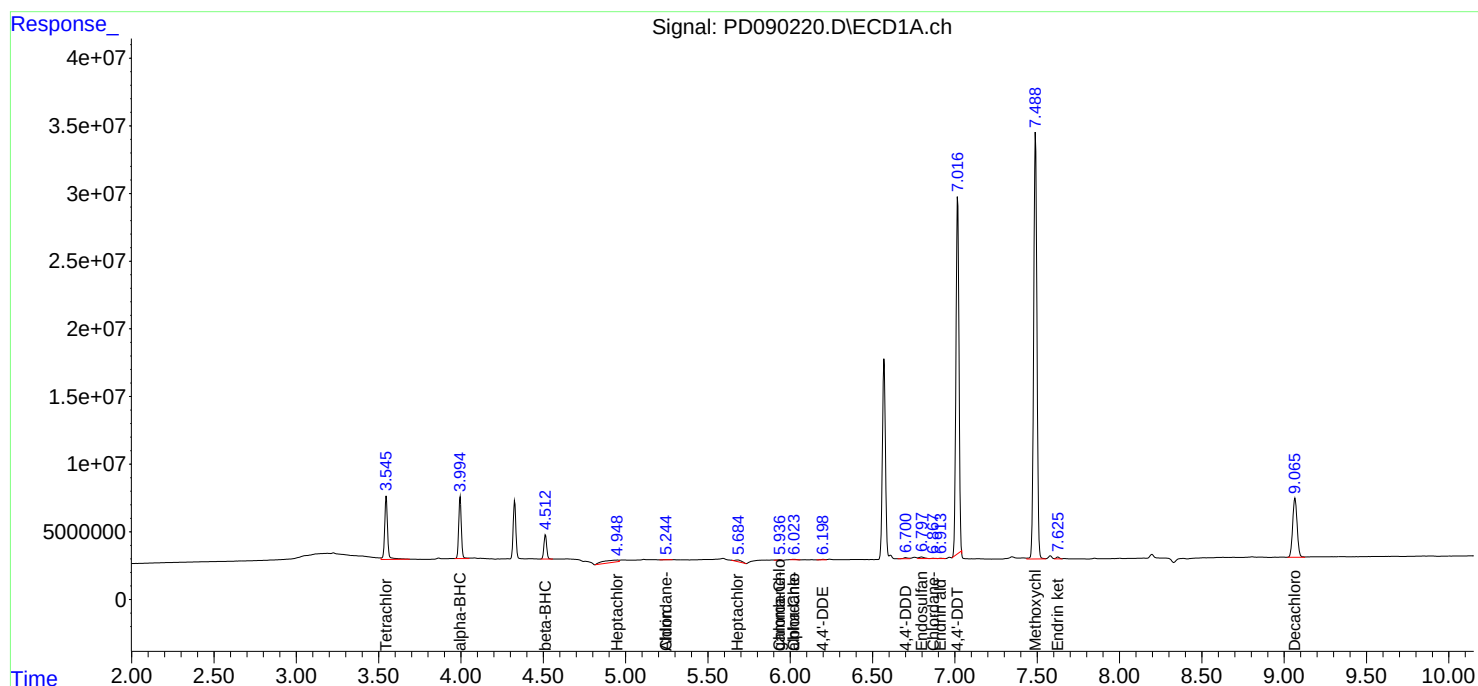
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

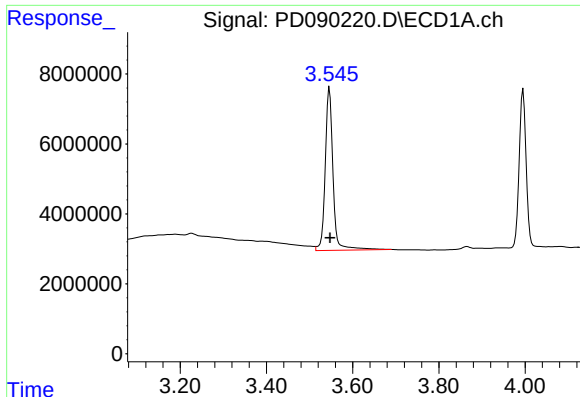
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091025\
Data File : PD090220.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Sep 2025 14:08
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 11 08:19:50 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

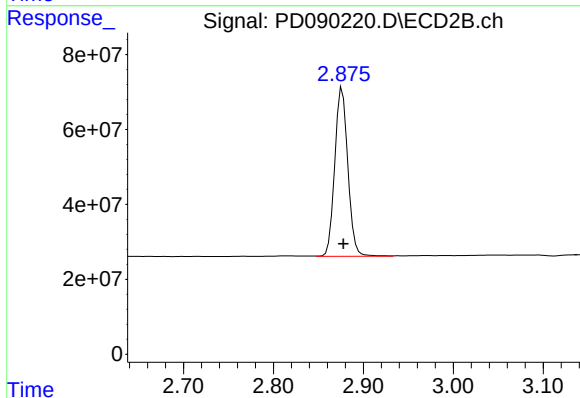




#1 Tetrachloro-m-xylene

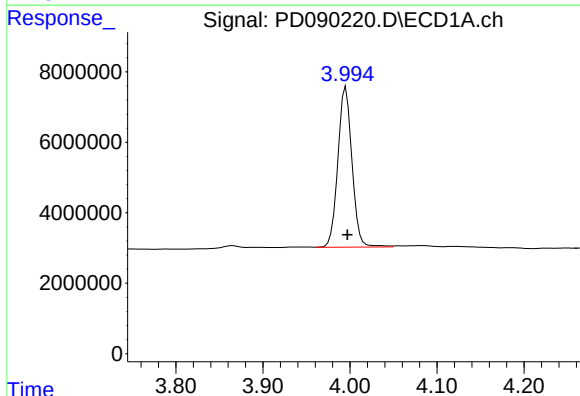
R.T.: 3.546 min
Delta R.T.: -0.002 min
Response: 58579827
Conc: 19.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



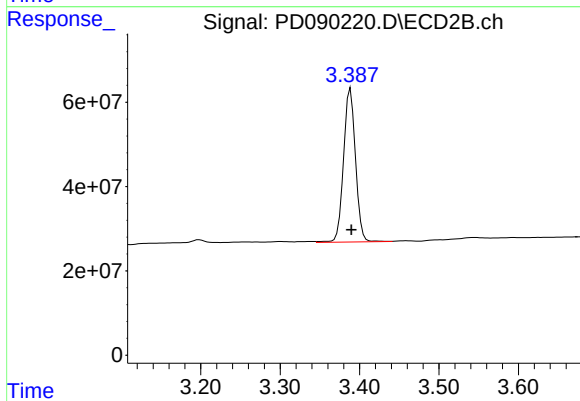
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: -0.001 min
Response: 456154326
Conc: 20.69 ng/ml



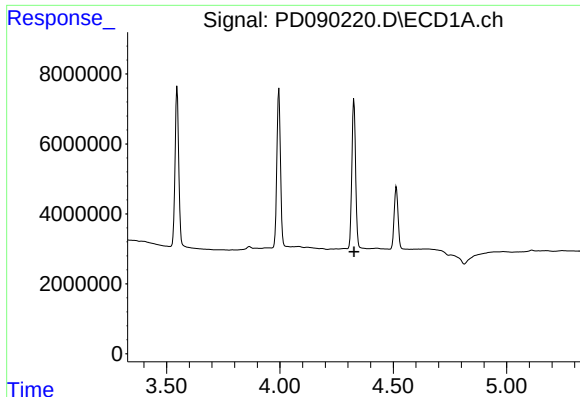
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: -0.002 min
Response: 51294827
Conc: 8.55 ng/ml



#2 alpha-BHC

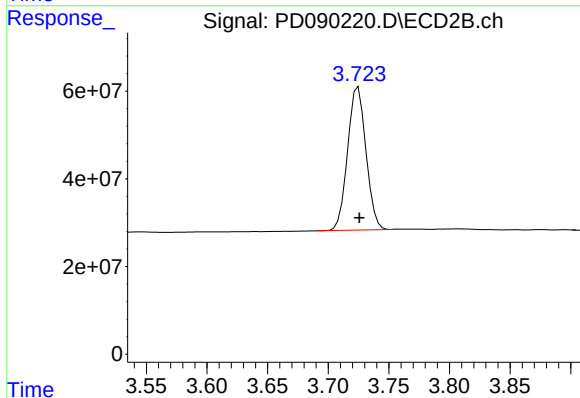
R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 381607080
Conc: 11.24 ng/ml



#3 gamma-BHC (Lindane)

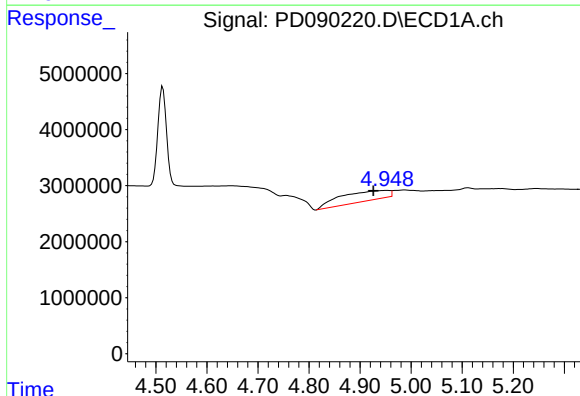
R.T.: 0.000 min
Exp R.T.: 4.328 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



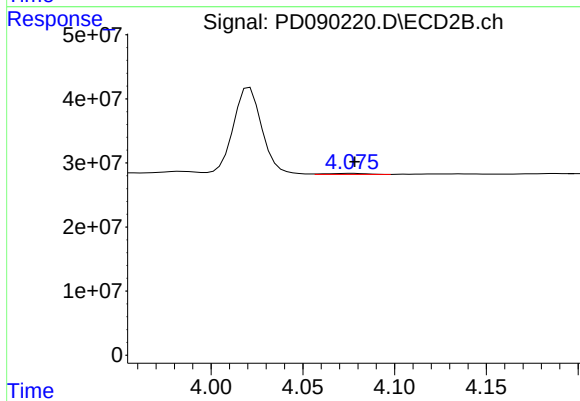
#3 gamma-BHC (Lindane)

R.T.: 3.725 min
Delta R.T.: 0.000 min
Response: 343984061
Conc: 11.04 ng/ml



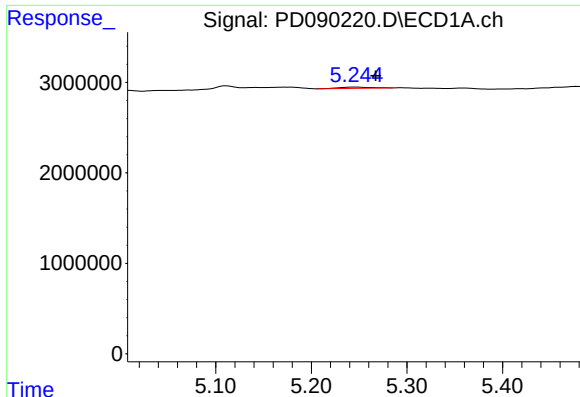
#4 Heptachlor

R.T.: 4.951 min
Delta R.T.: 0.025 min
Response: 11895183
Conc: 2.12 ng/ml



#4 Heptachlor

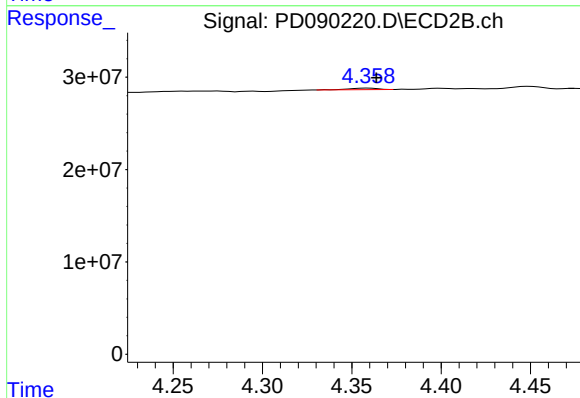
R.T.: 4.077 min
Delta R.T.: -0.002 min
Response: 2310127
Conc: 0.07 ng/ml



#5 Aldrin

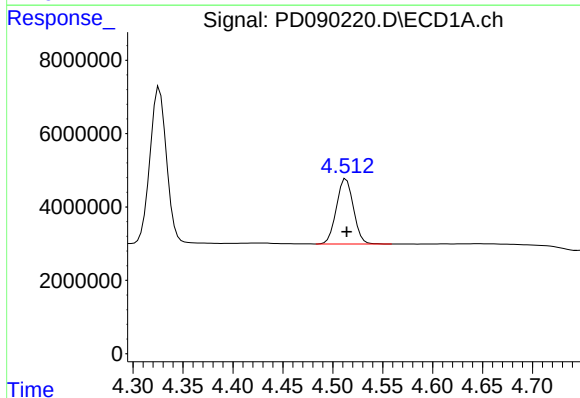
R.T.: 5.246 min
Delta R.T.: -0.021 min
Response: 318948
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



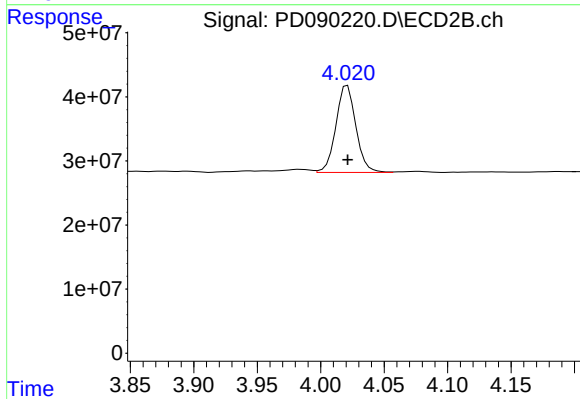
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: -0.004 min
Response: 1823920
Conc: 0.06 ng/ml



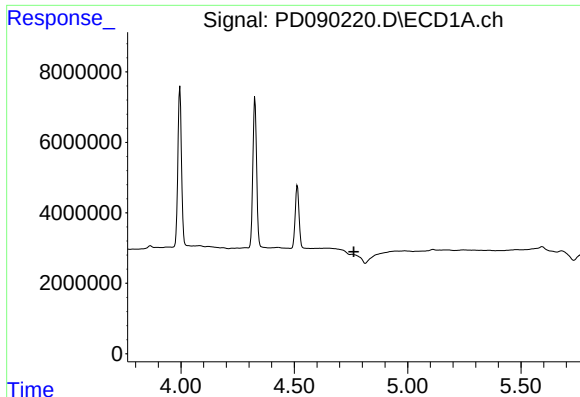
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: 0.000 min
Response: 21062543
Conc: 9.39 ng/ml



#6 beta-BHC

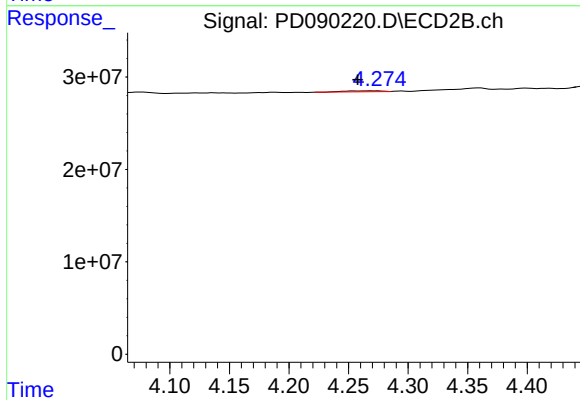
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 148575515
Conc: 11.15 ng/ml



#7 delta-BHC

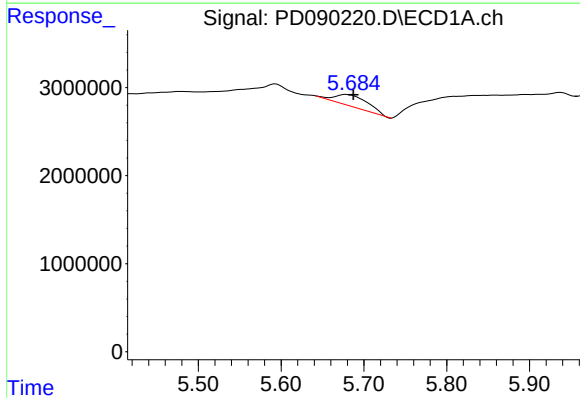
R.T.: 0.000 min
Exp R.T.: 4.762 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



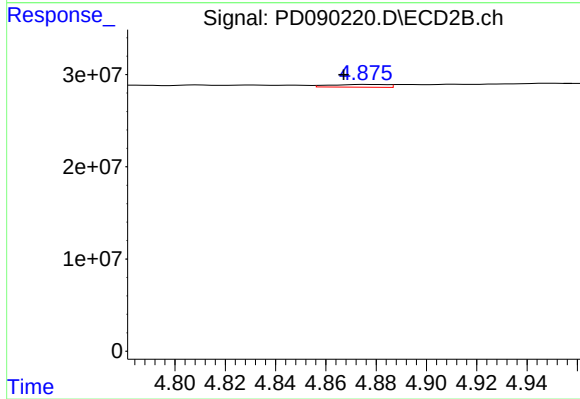
#7 delta-BHC

R.T.: 4.274 min
Delta R.T.: 0.017 min
Response: 2296725
Conc: 0.07 ng/ml



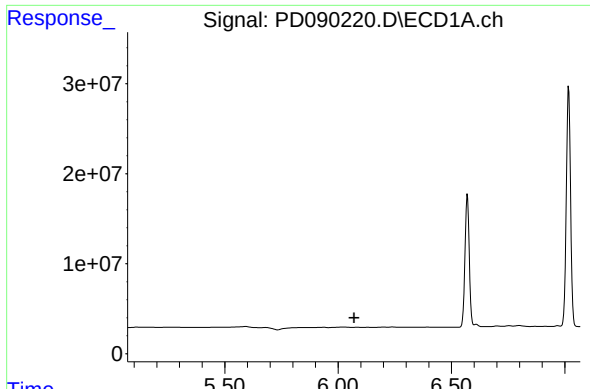
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: -0.008 min
Response: 3767458
Conc: 0.77 ng/ml



#8 Heptachlor epoxide

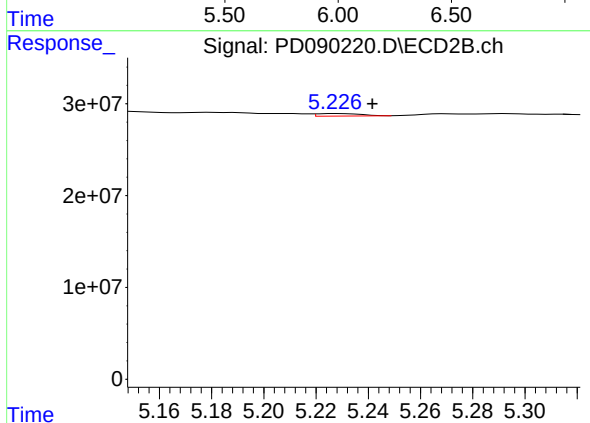
R.T.: 4.876 min
Delta R.T.: 0.009 min
Response: 4670443
Conc: 0.17 ng/ml



#9 Endosulfan I

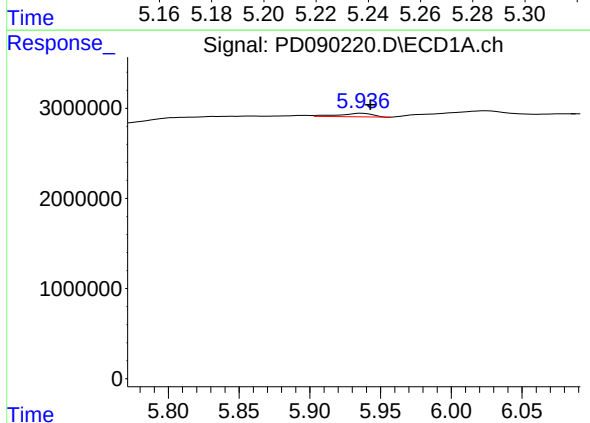
R.T.: 0.000 min
Exp R.T.: 6.071 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



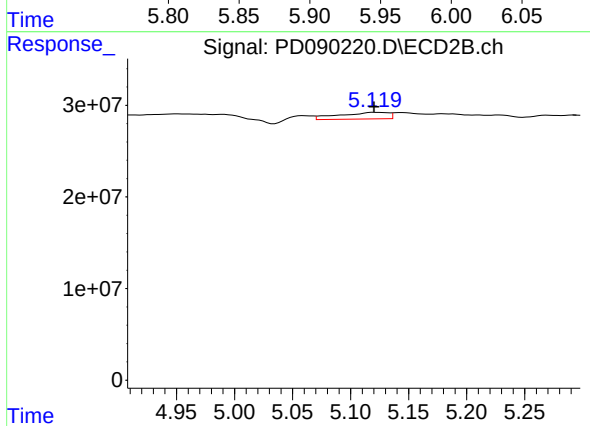
#9 Endosulfan I

R.T.: 5.228 min
Delta R.T.: -0.014 min
Response: 3181663
Conc: 0.12 ng/ml



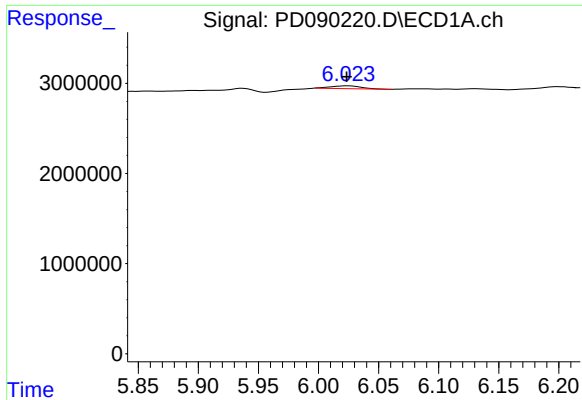
#10 gamma-Chlordane

R.T.: 5.937 min
Delta R.T.: -0.006 min
Response: 654639
Conc: 0.13 ng/ml



#10 gamma-Chlordane

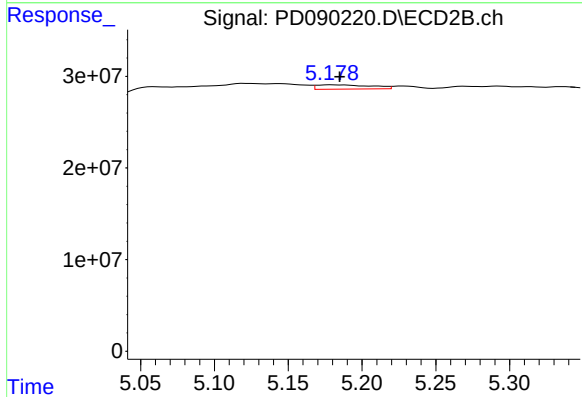
R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 21365573
Conc: 0.72 ng/ml



#11 alpha-Chlordane

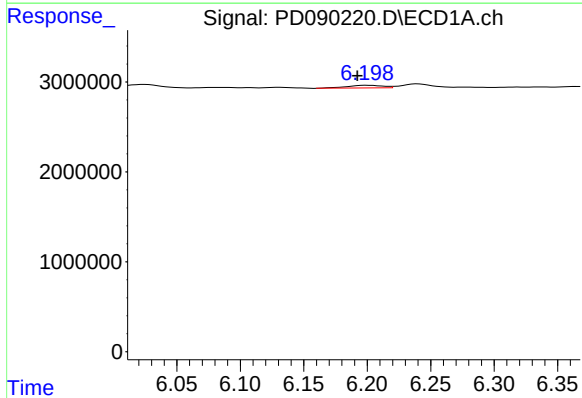
R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 539591
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



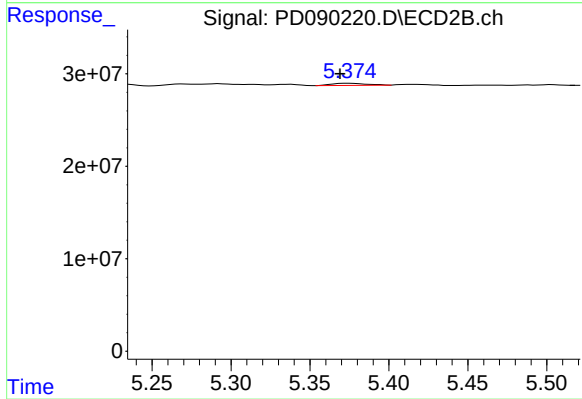
#11 alpha-Chlordane

R.T.: 5.180 min
Delta R.T.: -0.005 min
Response: 11802489
Conc: 0.41 ng/ml



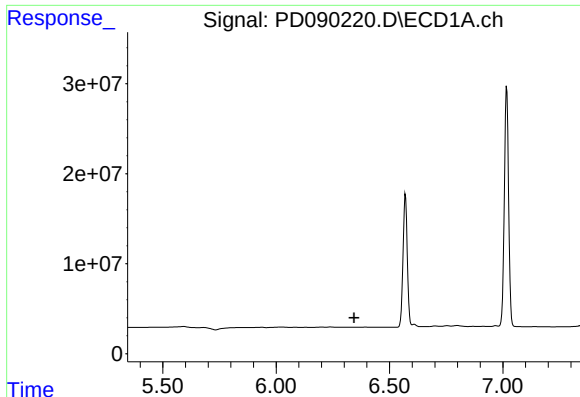
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.007 min
Response: 576844
Conc: 0.13 ng/ml



#12 4,4'-DDE

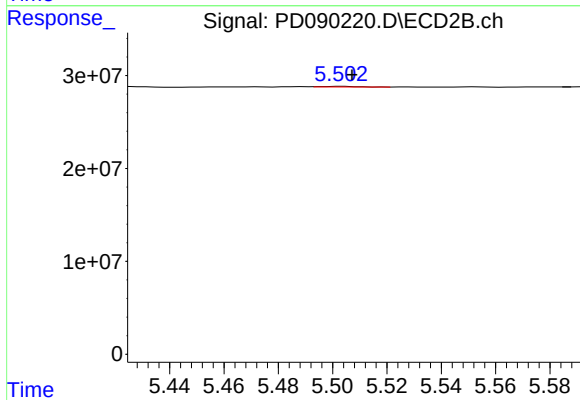
R.T.: 5.374 min
Delta R.T.: 0.005 min
Response: 3430784
Conc: 0.12 ng/ml



#13 Dieldrin

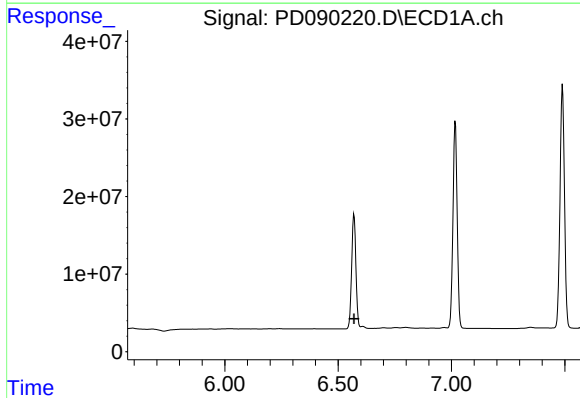
R.T.: 0.000 min
Exp R.T.: 6.344 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



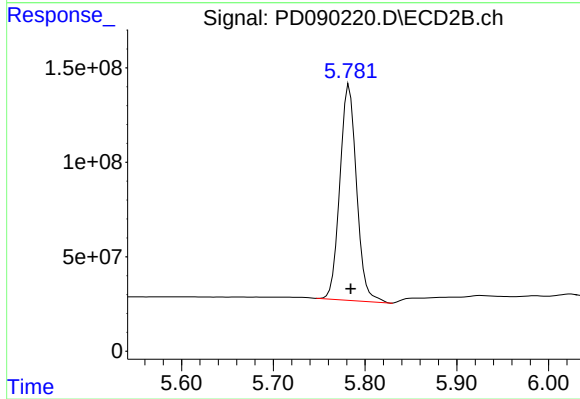
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.004 min
Response: 600858
Conc: 0.02 ng/ml



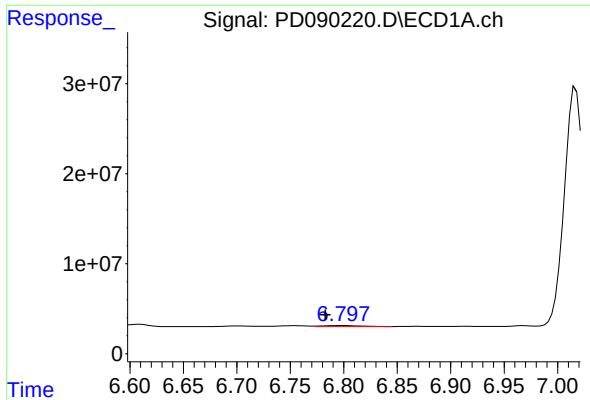
#14 Endrin

R.T.: 0.000 min
Exp R.T.: 6.571 min
Response: 0
Conc: N.D.



#14 Endrin

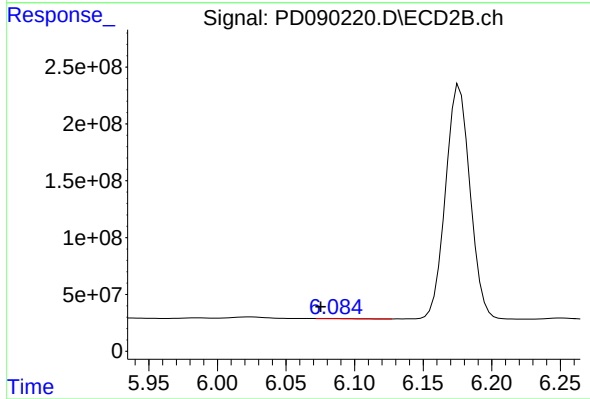
R.T.: 5.783 min
Delta R.T.: -0.001 min
Response: 1446415176
Conc: 54.31 ng/ml



#15 Endosulfan II

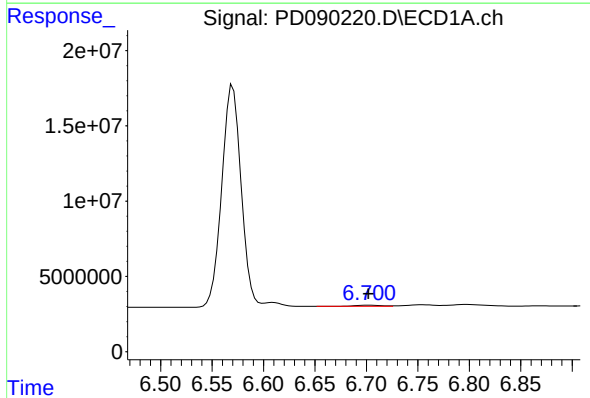
R.T.: 6.799 min
Delta R.T.: 0.016 min
Response: 2701831
Conc: 0.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



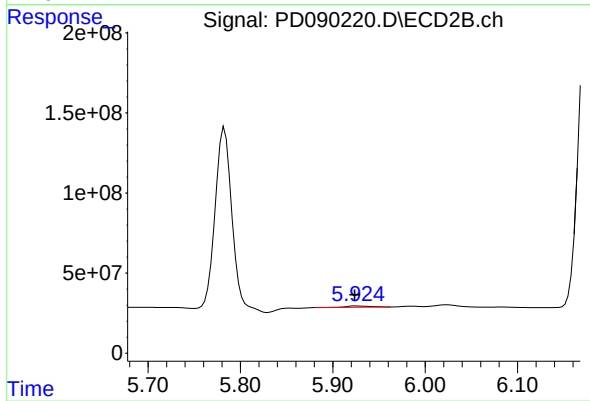
#15 Endosulfan II

R.T.: 6.083 min
Delta R.T.: 0.007 min
Response: 1544673
Conc: 0.06 ng/ml



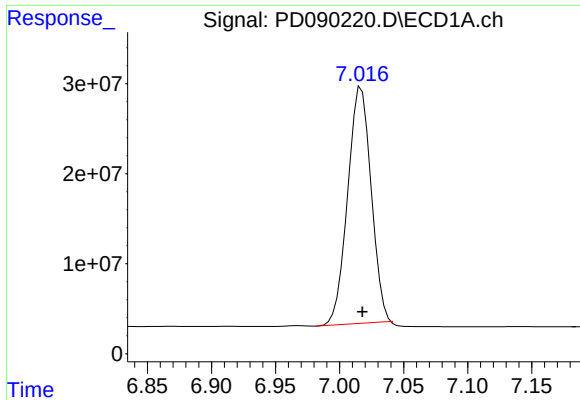
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: 0.000 min
Response: 1267974
Conc: 0.37 ng/ml



#16 4,4'-DDD

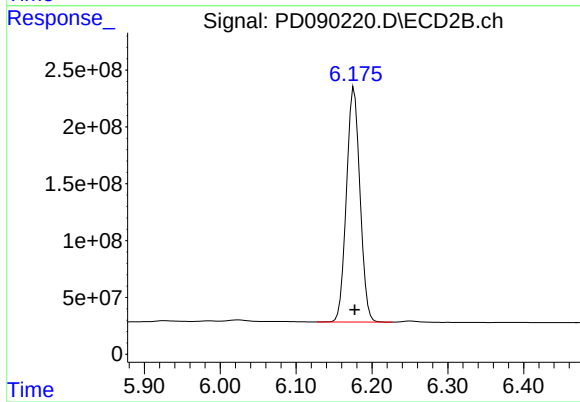
R.T.: 5.926 min
Delta R.T.: 0.002 min
Response: 13708078
Conc: 0.57 ng/ml



#17 4,4'-DDT

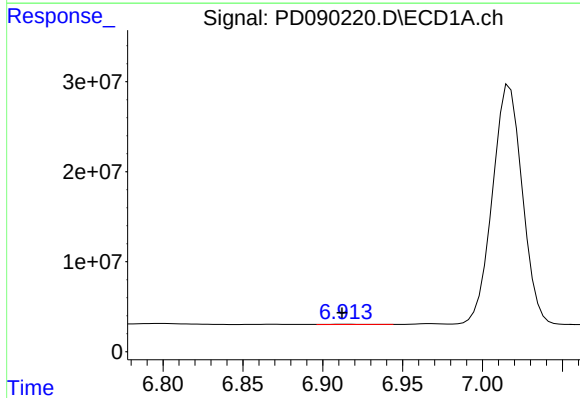
R.T.: 7.017 min
Delta R.T.: 0.000 min
Response: 334720695
Conc: 87.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



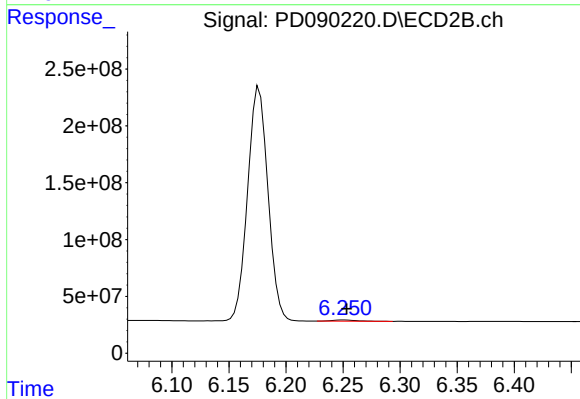
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.001 min
Response: 2564416199
Conc: 102.29 ng/ml



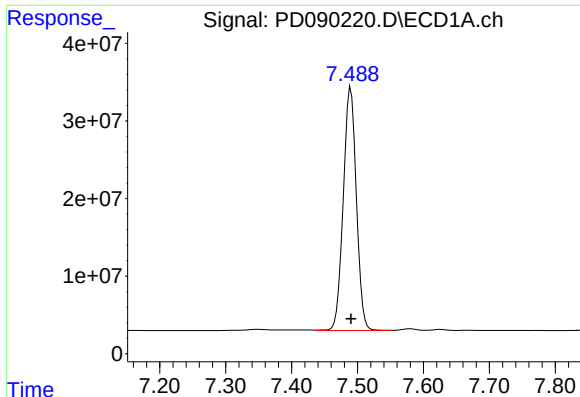
#18 Endrin aldehyde

R.T.: 6.914 min
Delta R.T.: 0.002 min
Response: 308570
Conc: 0.11 ng/ml



#18 Endrin aldehyde

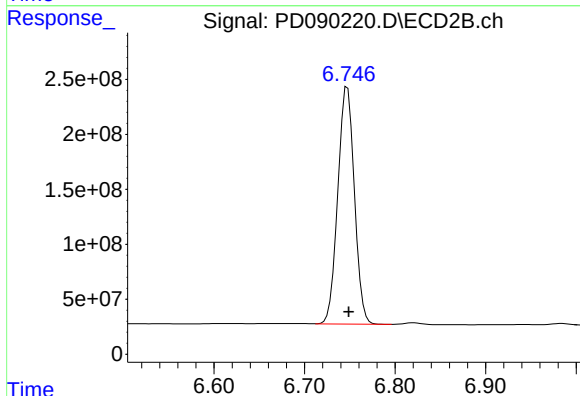
R.T.: 6.251 min
Delta R.T.: -0.002 min
Response: 16838175
Conc: 0.98 ng/ml



#20 Methoxychlor

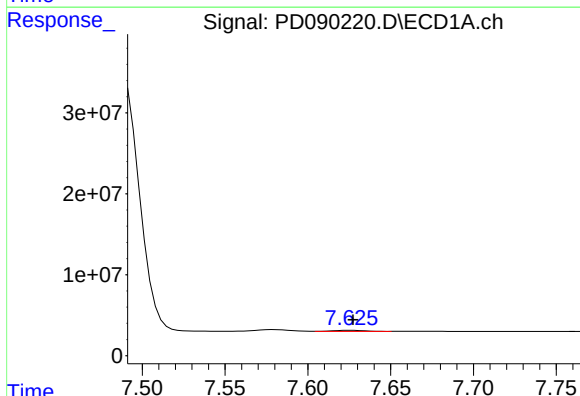
R.T.: 7.490 min
Delta R.T.: 0.000 min
Response: 432986877
Conc: 215.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



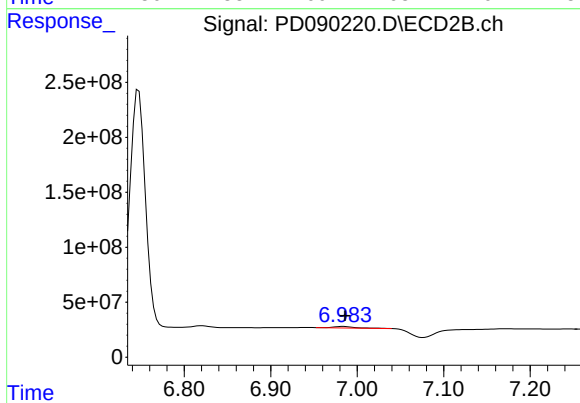
#20 Methoxychlor

R.T.: 6.747 min
Delta R.T.: -0.002 min
Response: 2749435884
Conc: 213.20 ng/ml



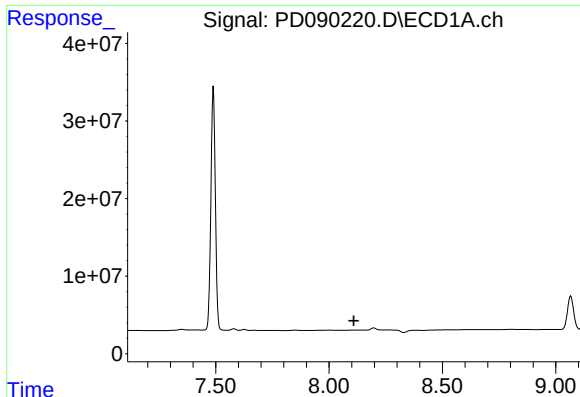
#21 Endrin ketone

R.T.: 7.626 min
Delta R.T.: -0.001 min
Response: 1941464
Conc: 0.47 ng/ml



#21 Endrin ketone

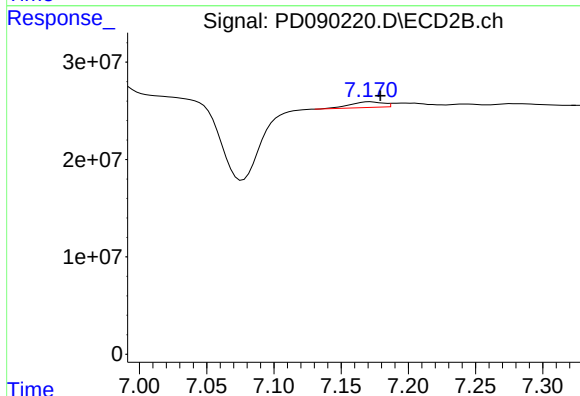
R.T.: 6.984 min
Delta R.T.: -0.002 min
Response: 21414361
Conc: 0.80 ng/ml



#22 Mirex

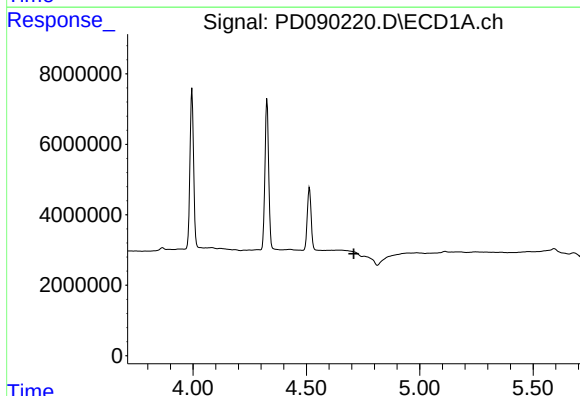
R.T.: 0.000 min
Exp R.T.: 8.110 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



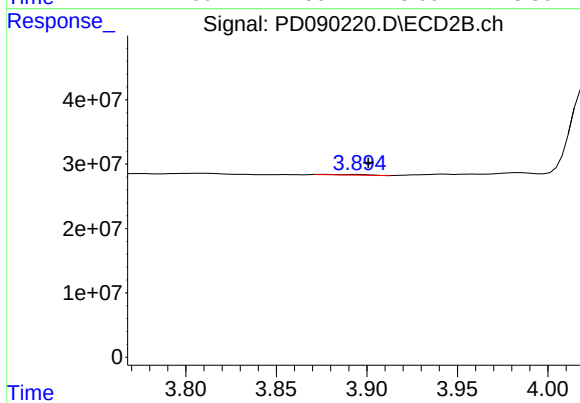
#22 Mirex

R.T.: 7.171 min
Delta R.T.: -0.008 min
Response: 9765918
Conc: 0.47 ng/ml



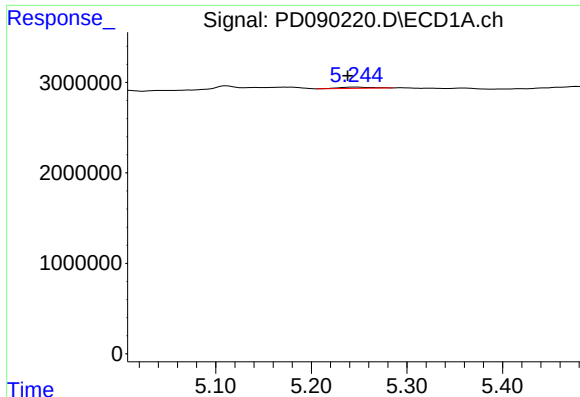
#23 Chlordane-1

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



#23 Chlordane-1

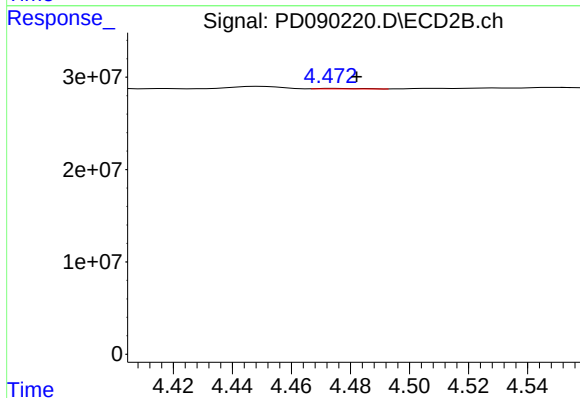
R.T.: 3.895 min
Delta R.T.: -0.006 min
Response: 1201416
Conc: 1.35 ng/ml



#24 Chlordane-2

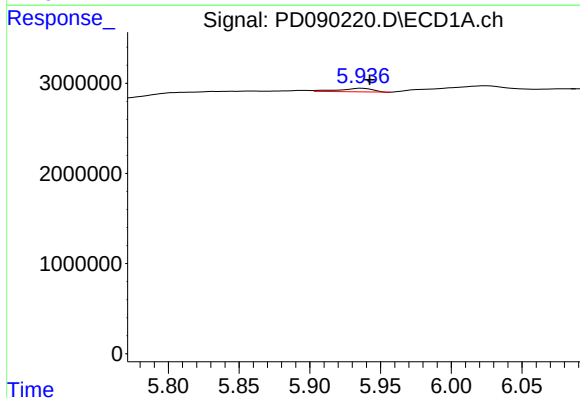
R.T.: 5.246 min
Delta R.T.: 0.008 min
Response: 318948
Conc: 1.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



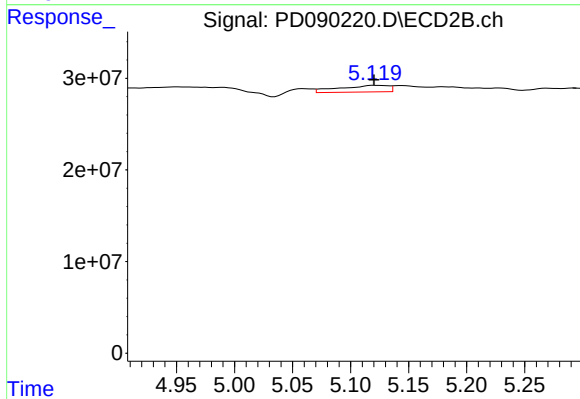
#24 Chlordane-2

R.T.: 4.474 min
Delta R.T.: -0.008 min
Response: 552047
Conc: 0.58 ng/ml



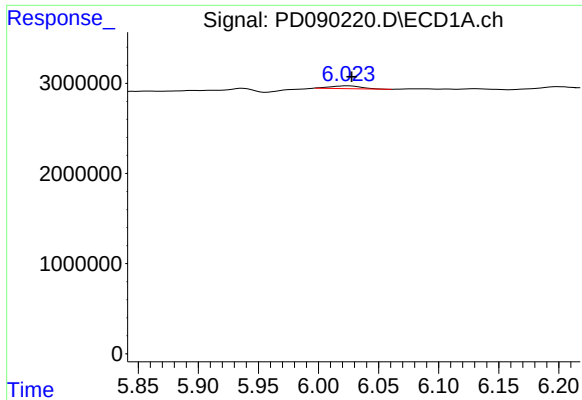
#25 Chlordane-3

R.T.: 5.937 min
Delta R.T.: -0.005 min
Response: 654639
Conc: 0.97 ng/ml



#25 Chlordane-3

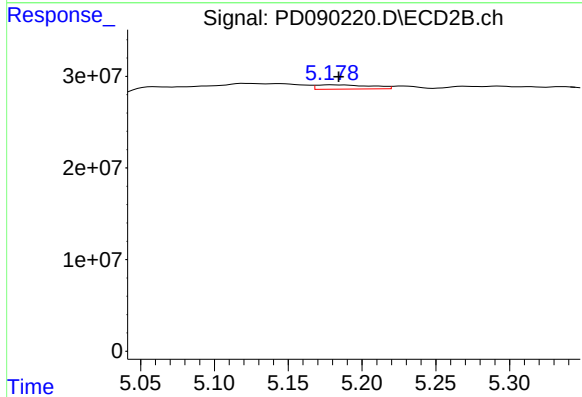
R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 21365573
Conc: 7.71 ng/ml



#26 Chlordane-4

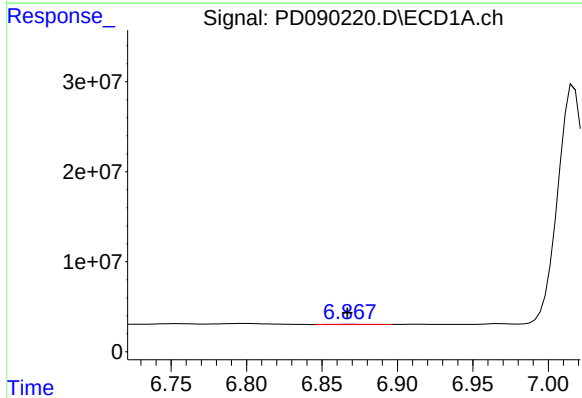
R.T.: 6.024 min
Delta R.T.: -0.003 min
Response: 539591
Conc: 0.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



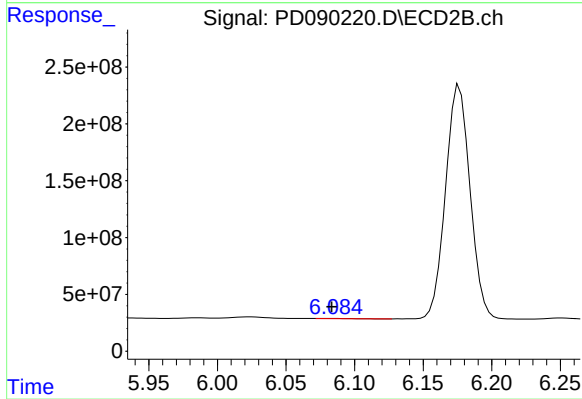
#26 Chlordane-4

R.T.: 5.180 min
Delta R.T.: -0.004 min
Response: 11802489
Conc: 4.90 ng/ml



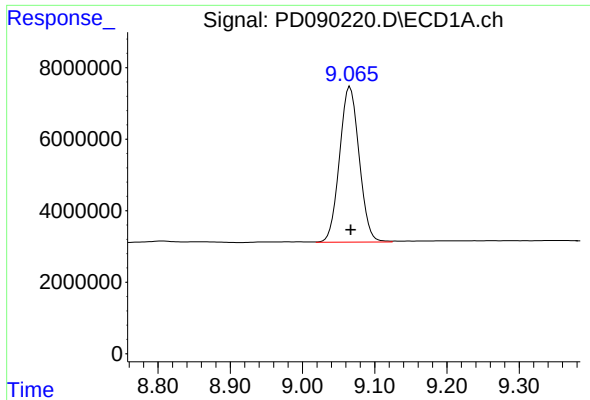
#27 Chlordane-5

R.T.: 6.868 min
Delta R.T.: 0.001 min
Response: 368330
Conc: 2.63 ng/ml



#27 Chlordane-5

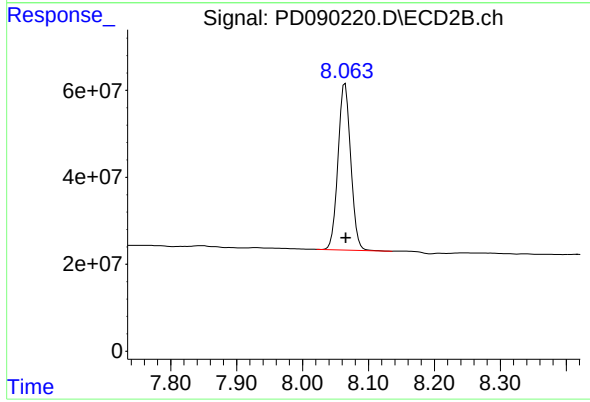
R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 1544673
Conc: 1.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: -0.001 min
Response: 81845710
Conc: 18.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.064 min
Delta R.T.: 0.000 min
Response: 512891491
Conc: 19.81 ng/ml