

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
 Data File : PD090868.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 09:55
 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: Oct 29 01:41:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.544	2.873	72121617	687.9E6	23.159	23.100
28)	SA Decachlor...	9.062	8.058	107.1E6	772.5E6	22.892	25.503
Target Compounds							
2)	A alpha-BHC	3.993	3.385	71583437	570.4E6	9.974	11.164
3)	MA gamma-BHC...	4.323	3.721	70075763	528.4E6	10.307	11.184
4)	MA Heptachlor	4.894f	4.073	53598	1102518	0.010	0.025 #
5)	MB Aldrin	0.000	4.357	0	4629095	N.D.	0.100 #
6)	B beta-BHC	4.511	4.017	29621545	225.1E6	11.308	11.350
7)	B delta-BHC	4.770	4.247	1799357	786225	0.266	0.016 #
8)	B Heptachlo...	0.000	4.890f	0	36287096	N.D.	0.851 #
10)	B gamma-Chl...	5.909f	5.115	445860	11280524	0.075	0.251 #
11)	B alpha-Chl...	5.995f	5.190	33037139	21950913	5.346	0.509 #
12)	B 4,4'-DDE	6.188	5.365	698718	15749659	0.131	0.359 #
13)	MA Dieldrin	6.361f	5.506	554683	154202	0.095	0.003 #
14)	MA Endrin	6.566	5.778	260.0E6	2031.3E6	52.492	50.163
15)	B Endosulfa...	6.800f	6.075	6184717	12479171	1.237	0.332 #
16)	A 4,4'-DDD	6.698	5.918	28463164	257.7E6	7.021	7.073
17)	MA 4,4'-DDT	7.013	6.172	440.2E6	3668.3E6	107.087	104.589
18)	B Endrin al...	6.909	6.246	6864236	44280225	1.874	1.599
19)	B Endosulfa...	7.112f	6.473	259865	1123891	0.056	0.031 #
20)	A Methoxychlor	7.486	6.741	534.5E6	3773.9E6	251.460	216.546
21)	B Endrin ke...	7.623	6.979	15208533	134.8E6	3.130	3.575
22)	Mirex	0.000	7.164	0	9493245	N.D.	0.370 #
23)	Chlordane-1	0.000	3.890	0	596479	N.D.	0.479 #
24)	Chlordane-2	0.000	4.480	0	23911516	N.D.	18.330 #
25)	Chlordane-3	0.000	5.115	0	11280524	N.D.	2.899 #
26)	Chlordane-4	0.000	5.190	0	21950913	N.D.	6.570 #
27)	Chlordane-5	6.861	6.075	1468860	12479171	9.776	8.455

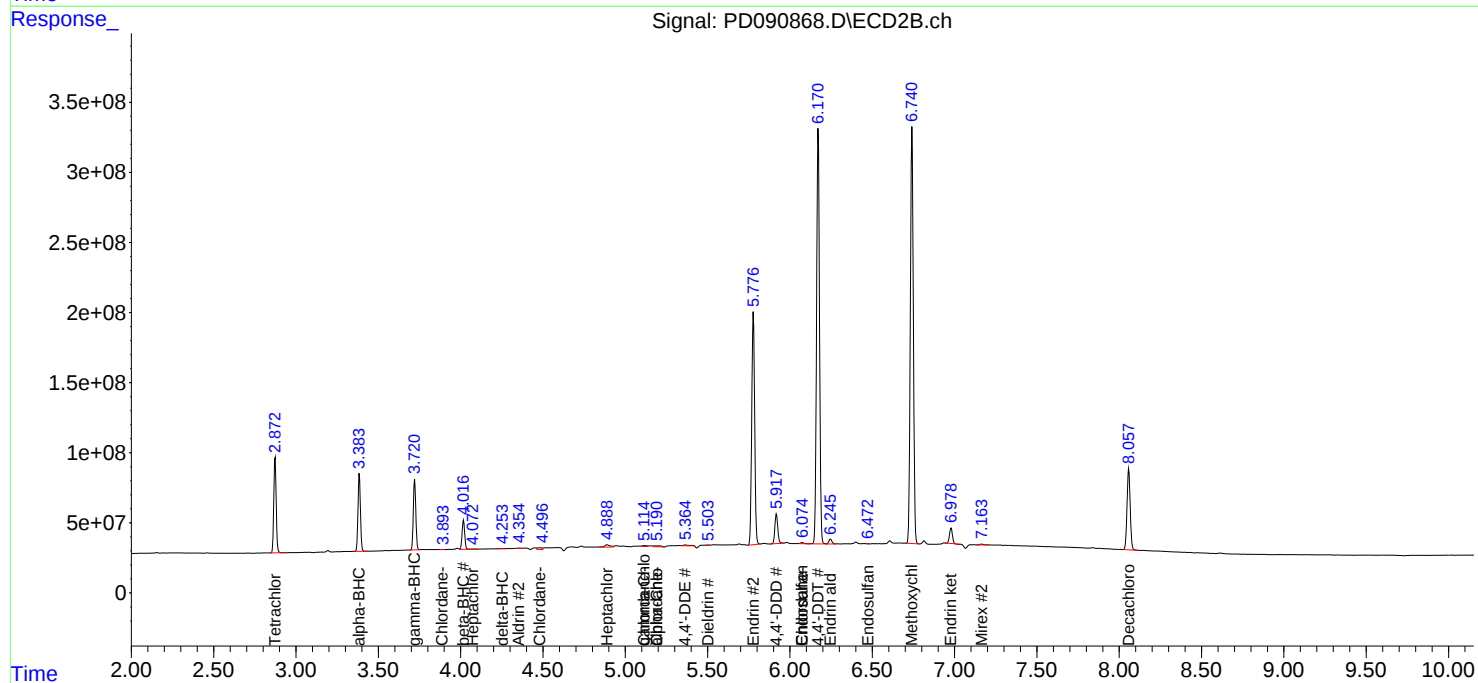
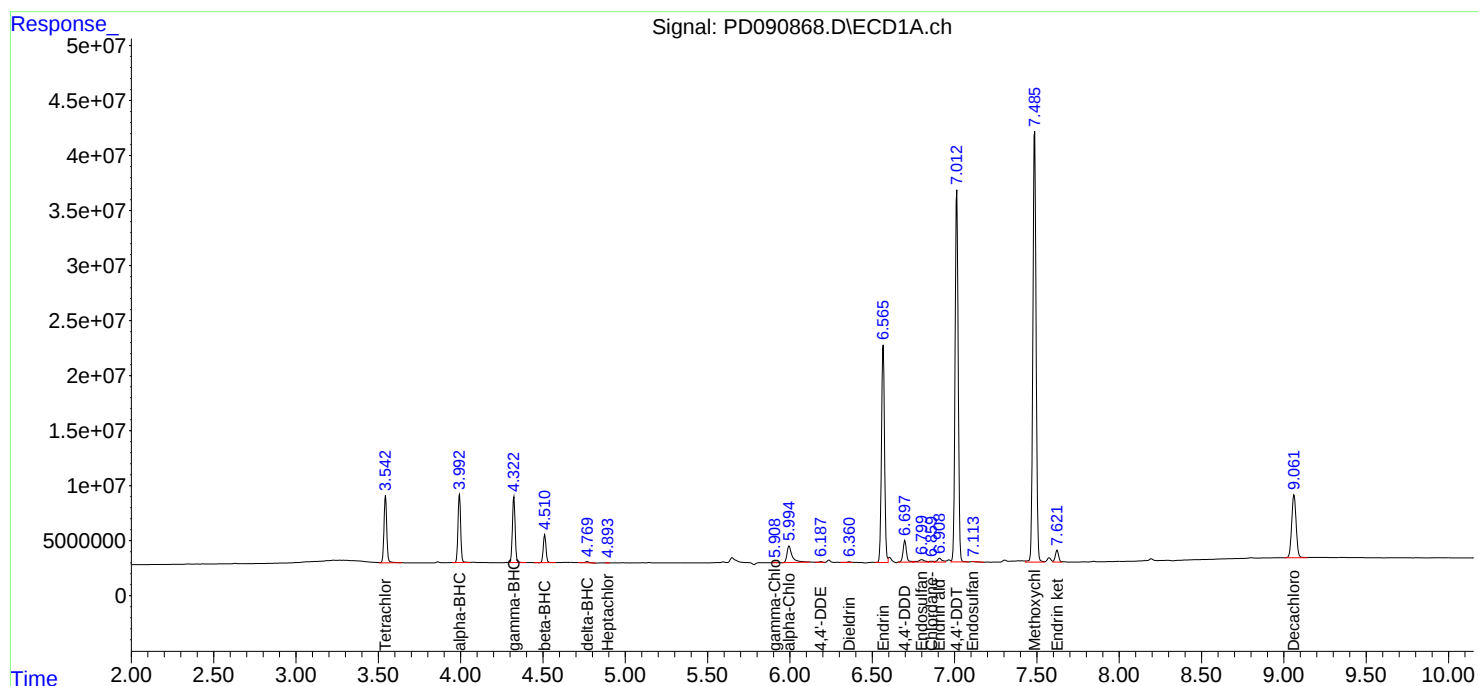
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

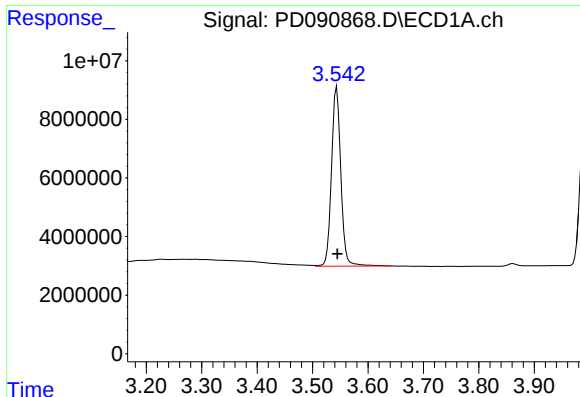
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102825\
Data File : PD090868.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 09:55
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:41:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
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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

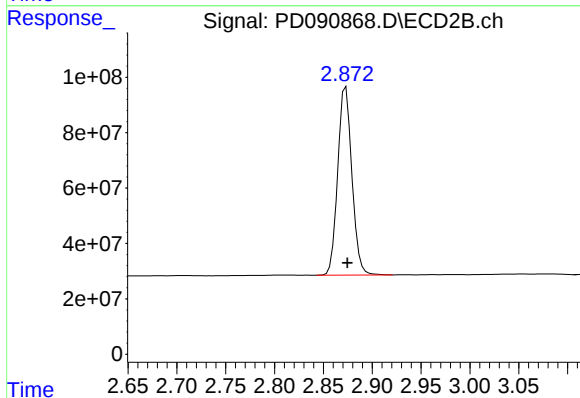




#1 Tetrachloro-m-xylene

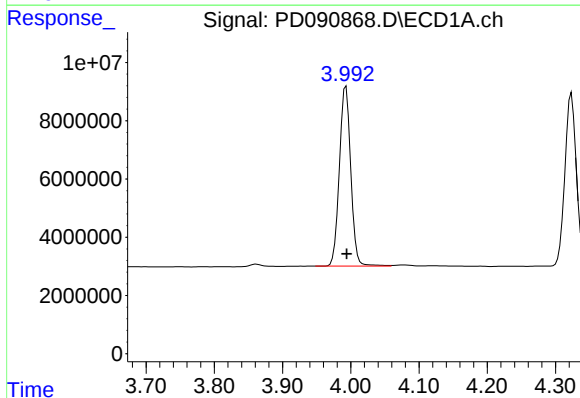
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 72121617
Conc: 23.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



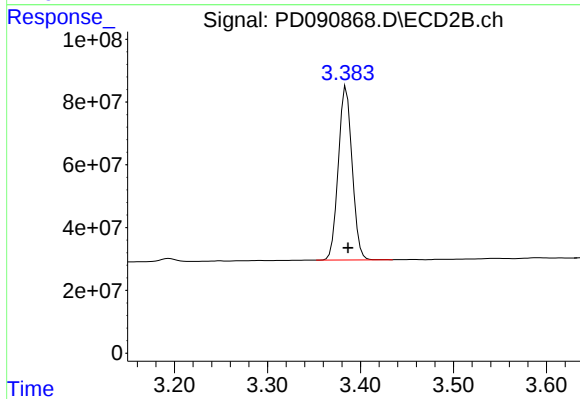
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.002 min
Response: 687862394
Conc: 23.10 ng/ml



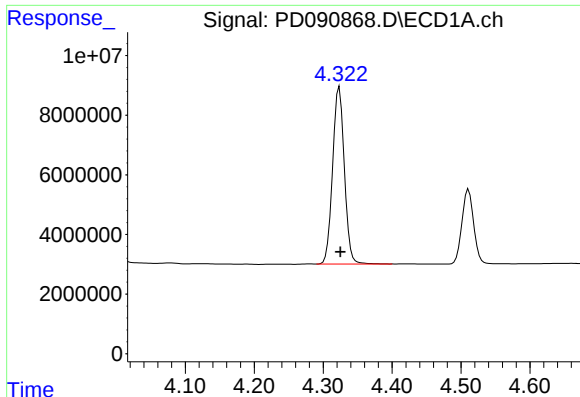
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 71583437
Conc: 9.97 ng/ml



#2 alpha-BHC

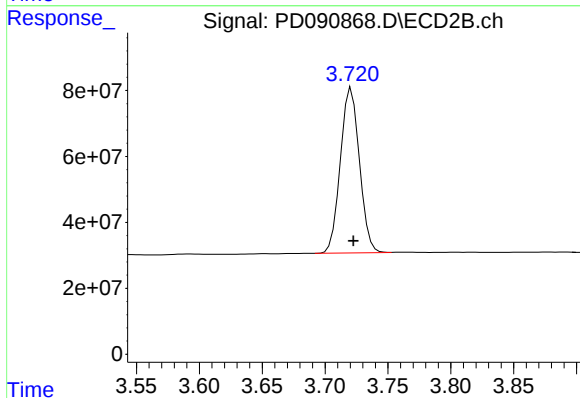
R.T.: 3.385 min
Delta R.T.: -0.002 min
Response: 570423682
Conc: 11.16 ng/ml



#3 gamma-BHC (Lindane)

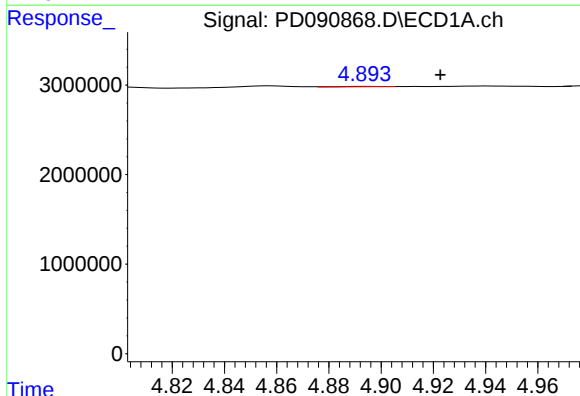
R.T.: 4.323 min
Delta R.T.: -0.002 min
Response: 70075763
Conc: 10.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



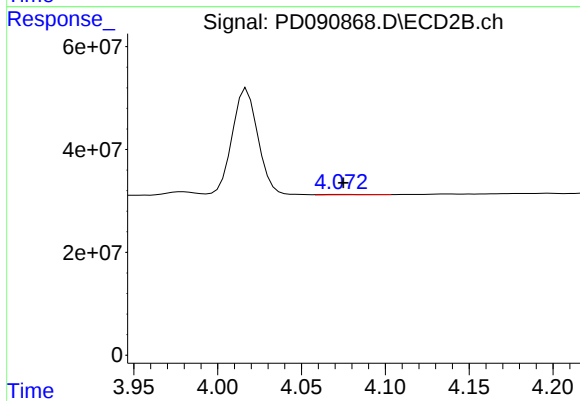
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.002 min
Response: 528448206
Conc: 11.18 ng/ml



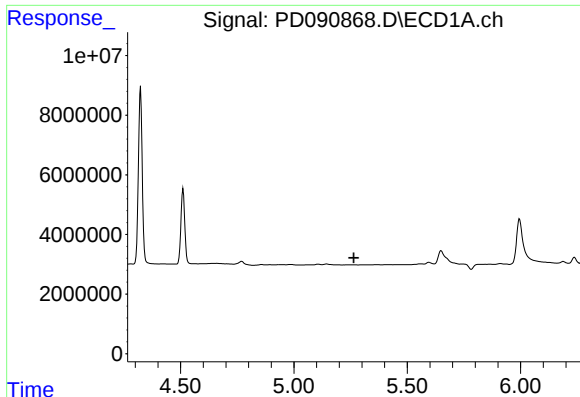
#4 Heptachlor

R.T.: 4.894 min
Delta R.T.: -0.029 min
Response: 53598
Conc: 0.01 ng/ml



#4 Heptachlor

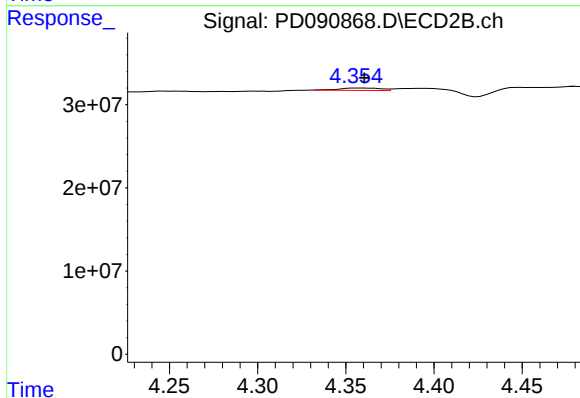
R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 1102518
Conc: 0.02 ng/ml



#5 Aldrin

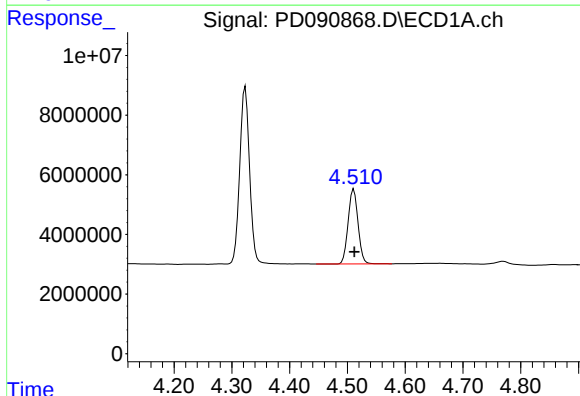
R.T.: 0.000 min
Exp R.T.: 5.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



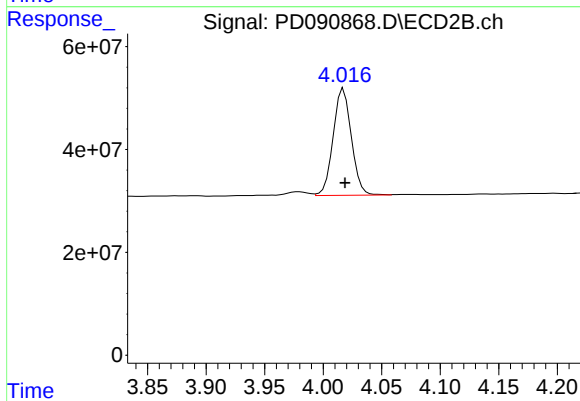
#5 Aldrin

R.T.: 4.357 min
Delta R.T.: -0.003 min
Response: 4629095
Conc: 0.10 ng/ml



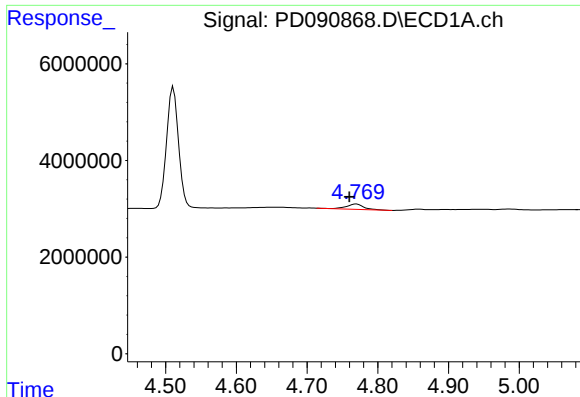
#6 beta-BHC

R.T.: 4.511 min
Delta R.T.: -0.001 min
Response: 29621545
Conc: 11.31 ng/ml



#6 beta-BHC

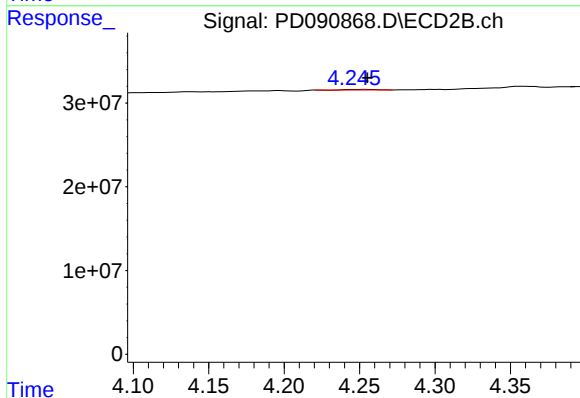
R.T.: 4.017 min
Delta R.T.: -0.001 min
Response: 225070820
Conc: 11.35 ng/ml



#7 delta-BHC

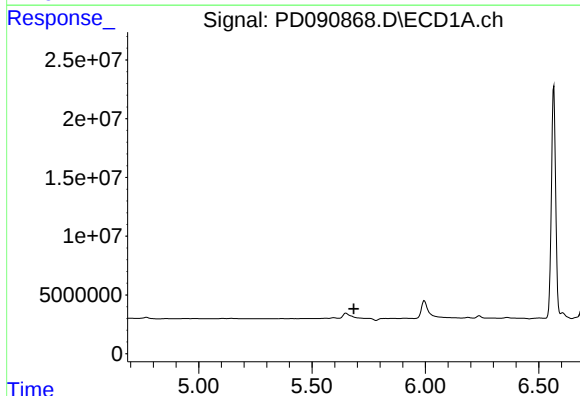
R.T.: 4.770 min
Delta R.T.: 0.010 min
Response: 1799357
Conc: 0.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



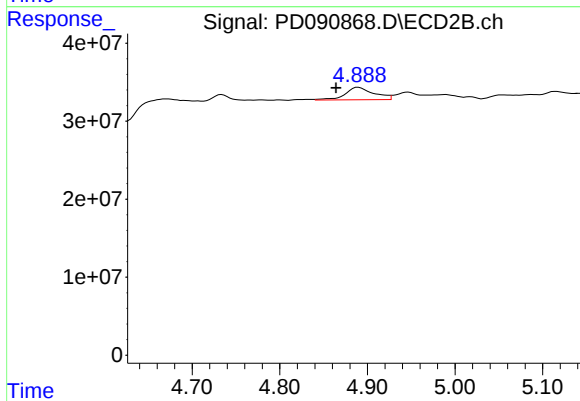
#7 delta-BHC

R.T.: 4.247 min
Delta R.T.: -0.009 min
Response: 786225
Conc: 0.02 ng/ml



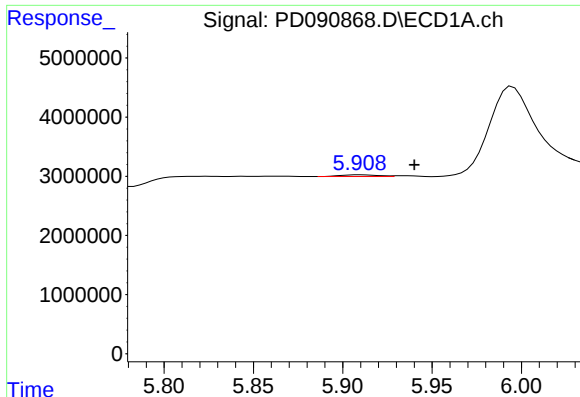
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.684 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

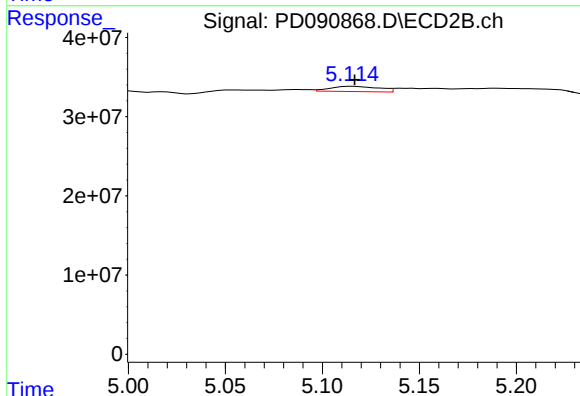
R.T.: 4.890 min
Delta R.T.: 0.026 min
Response: 36287096
Conc: 0.85 ng/ml



#10 gamma-Chlordane

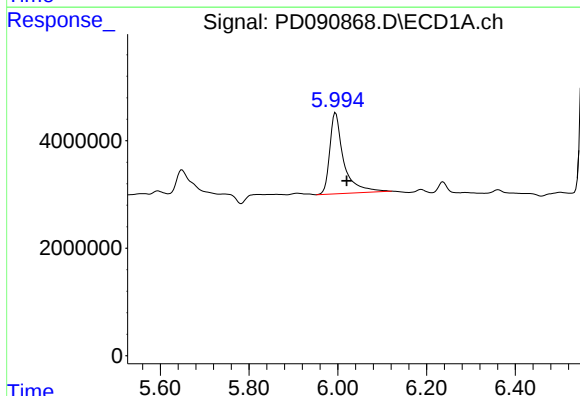
R.T.: 5.909 min
Delta R.T.: -0.031 min
Response: 445860
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



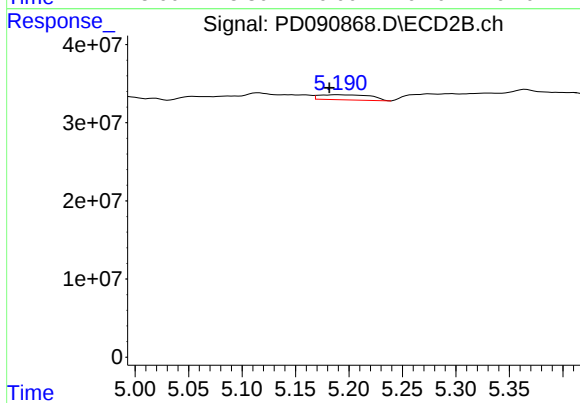
#10 gamma-Chlordane

R.T.: 5.115 min
Delta R.T.: -0.001 min
Response: 11280524
Conc: 0.25 ng/ml



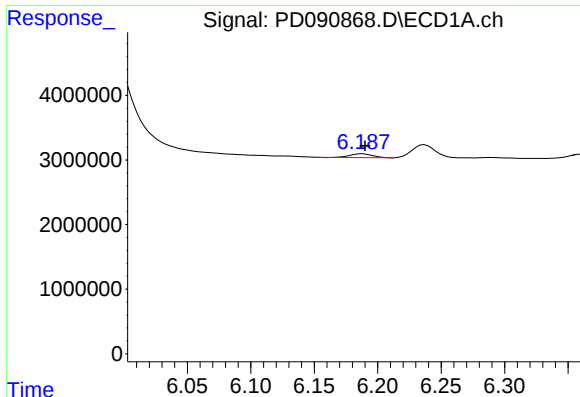
#11 alpha-Chlordane

R.T.: 5.995 min
Delta R.T.: -0.026 min
Response: 33037139
Conc: 5.35 ng/ml



#11 alpha-Chlordane

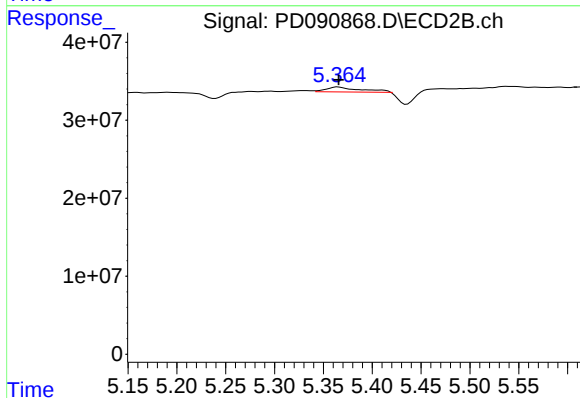
R.T.: 5.190 min
Delta R.T.: 0.009 min
Response: 21950913
Conc: 0.51 ng/ml



#12 4,4'-DDE

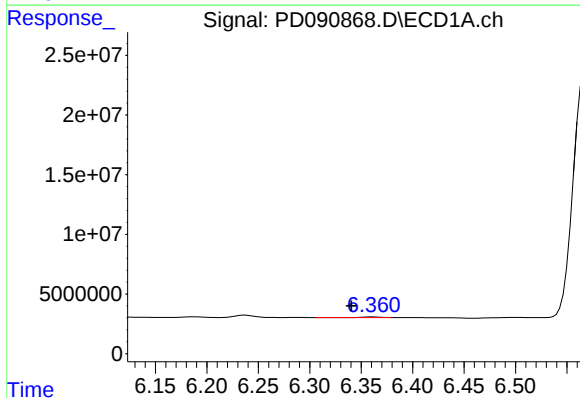
R.T.: 6.188 min
Delta R.T.: -0.002 min
Response: 698718
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



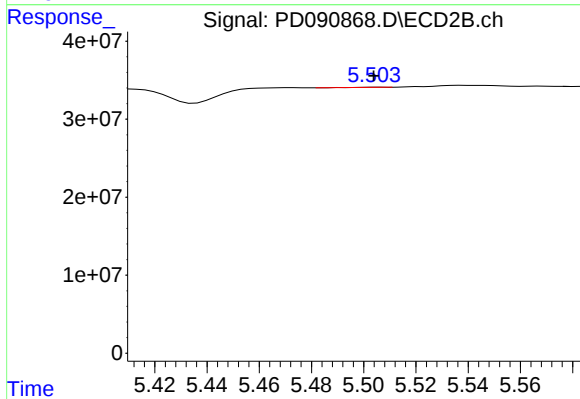
#12 4,4'-DDE

R.T.: 5.365 min
Delta R.T.: 0.000 min
Response: 15749659
Conc: 0.36 ng/ml



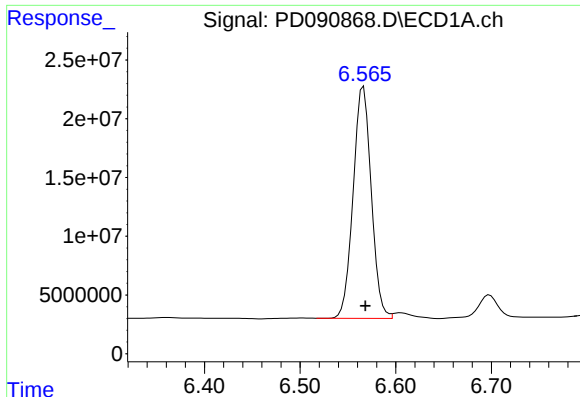
#13 Dieldrin

R.T.: 6.361 min
Delta R.T.: 0.021 min
Response: 554683
Conc: 0.10 ng/ml



#13 Dieldrin

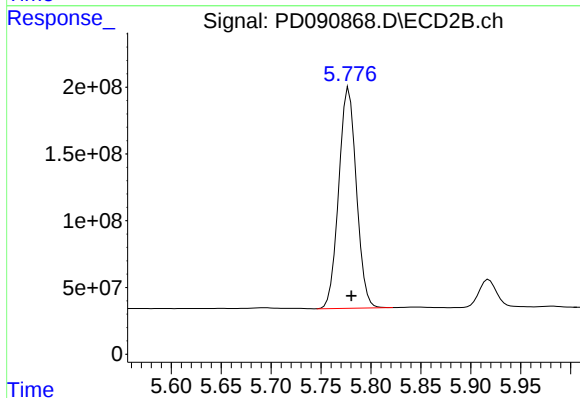
R.T.: 5.506 min
Delta R.T.: 0.002 min
Response: 154202
Conc: 0.00 ng/ml



#14 Endrin

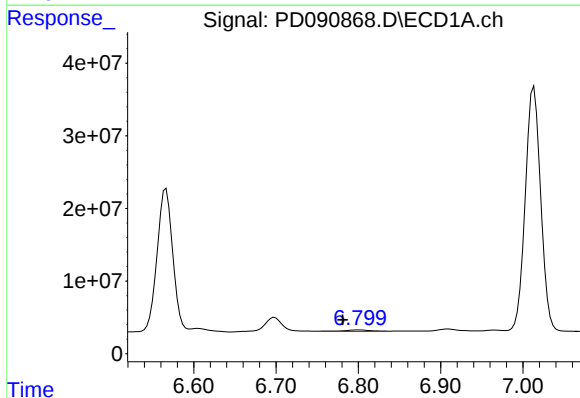
R.T.: 6.566 min
Delta R.T.: -0.002 min
Response: 260030829
Conc: 52.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



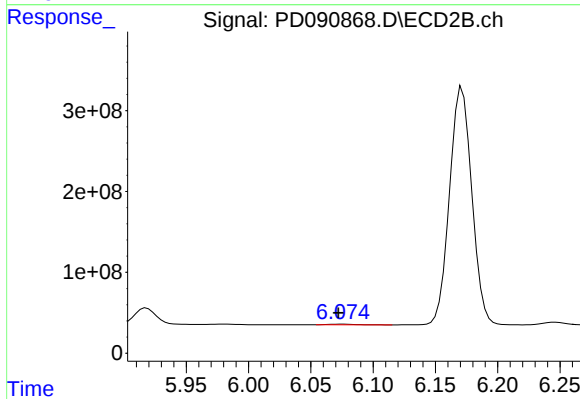
#14 Endrin

R.T.: 5.778 min
Delta R.T.: -0.003 min
Response: 2031283892
Conc: 50.16 ng/ml



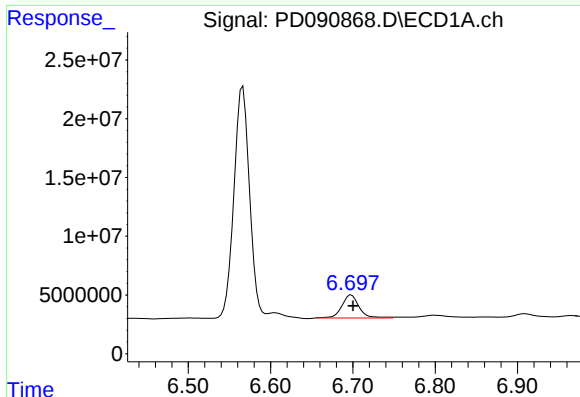
#15 Endosulfan II

R.T.: 6.800 min
Delta R.T.: 0.020 min
Response: 6184717
Conc: 1.24 ng/ml



#15 Endosulfan II

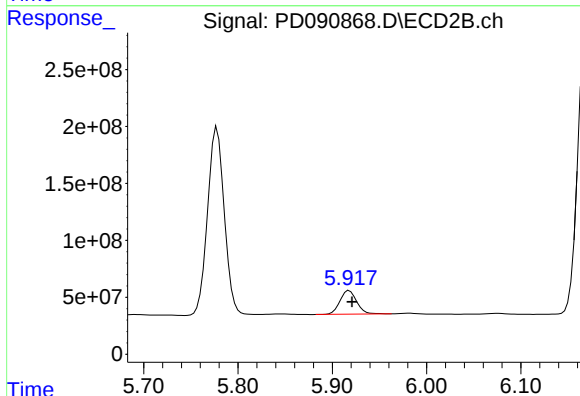
R.T.: 6.075 min
Delta R.T.: 0.003 min
Response: 12479171
Conc: 0.33 ng/ml



#16 4,4'-DDD

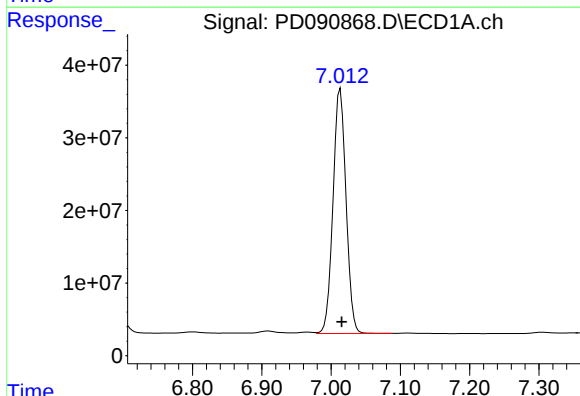
R.T.: 6.698 min
Delta R.T.: -0.002 min
Response: 28463164
Conc: 7.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



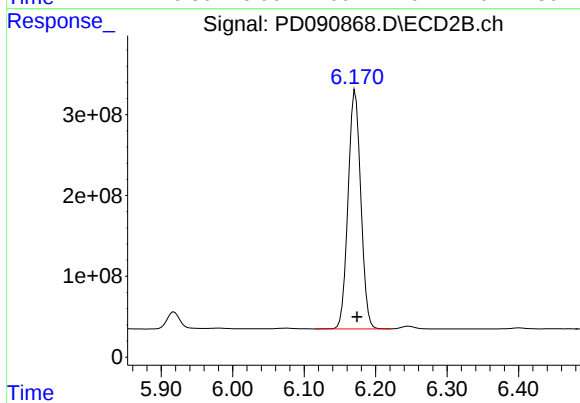
#16 4,4'-DDD

R.T.: 5.918 min
Delta R.T.: -0.003 min
Response: 257719222
Conc: 7.07 ng/ml



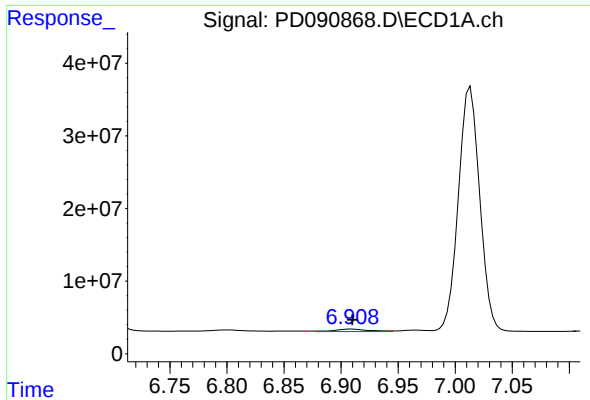
#17 4,4'-DDT

R.T.: 7.013 min
Delta R.T.: -0.002 min
Response: 440179804
Conc: 107.09 ng/ml



#17 4,4'-DDT

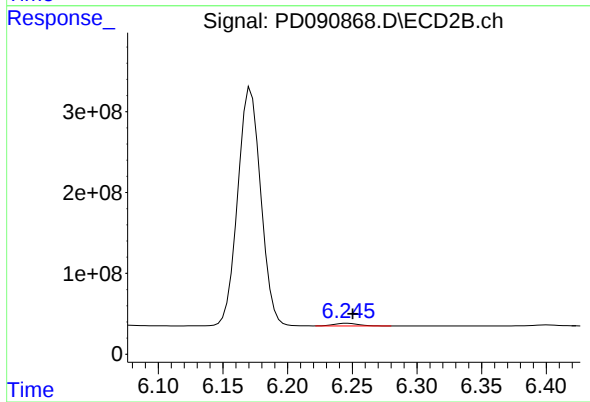
R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 3668255202
Conc: 104.59 ng/ml



#18 Endrin aldehyde

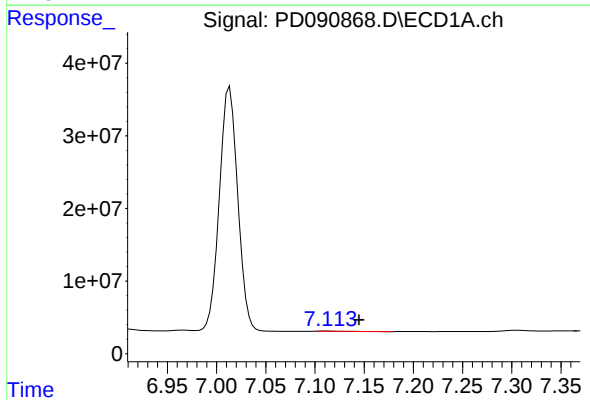
R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 6864236
Conc: 1.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



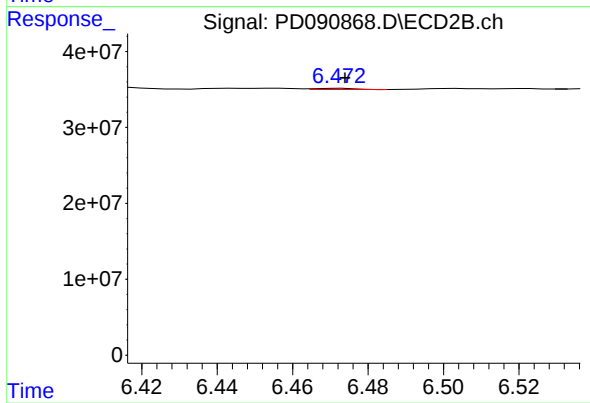
#18 Endrin aldehyde

R.T.: 6.246 min
Delta R.T.: -0.004 min
Response: 44280225
Conc: 1.60 ng/ml



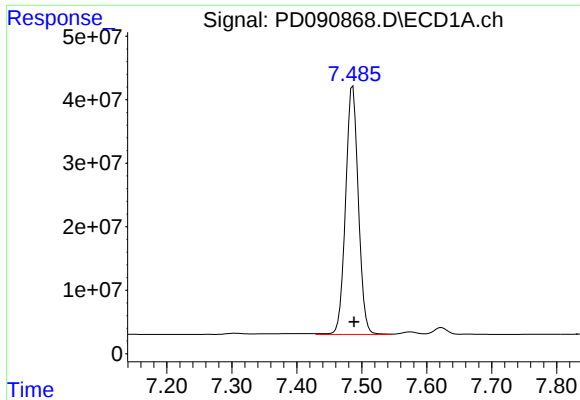
#19 Endosulfan Sulfate

R.T.: 7.112 min
Delta R.T.: -0.033 min
Response: 259865
Conc: 0.06 ng/ml



#19 Endosulfan Sulfate

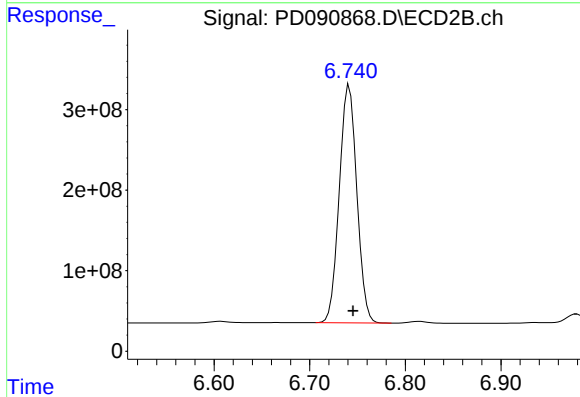
R.T.: 6.473 min
Delta R.T.: -0.001 min
Response: 1123891
Conc: 0.03 ng/ml



#20 Methoxychlor

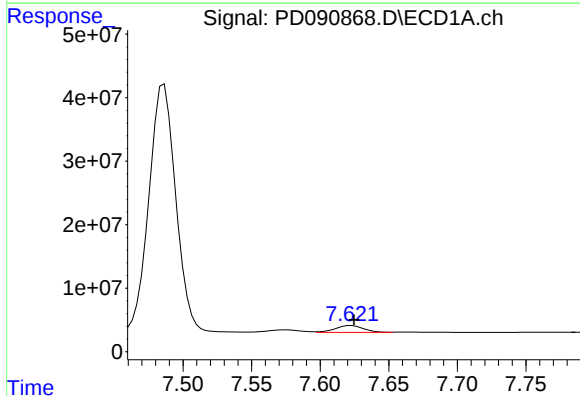
R.T.: 7.486 min
Delta R.T.: -0.002 min
Response: 534500286
Conc: 251.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



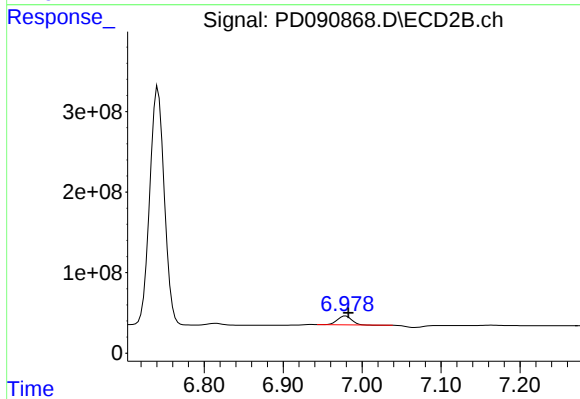
#20 Methoxychlor

R.T.: 6.741 min
Delta R.T.: -0.004 min
Response: 3773924369
Conc: 216.55 ng/ml



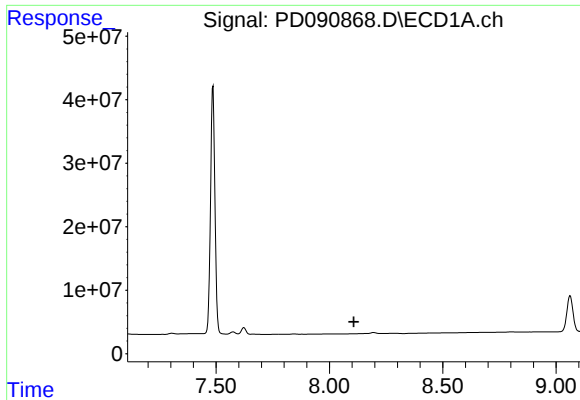
#21 Endrin ketone

R.T.: 7.623 min
Delta R.T.: -0.002 min
Response: 15208533
Conc: 3.13 ng/ml



#21 Endrin ketone

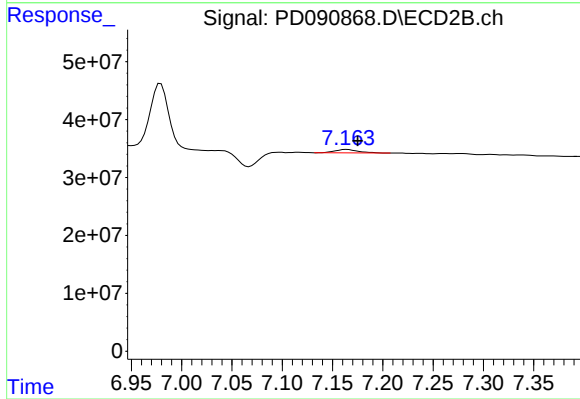
R.T.: 6.979 min
Delta R.T.: -0.004 min
Response: 134832009
Conc: 3.57 ng/ml



#22 Mirex

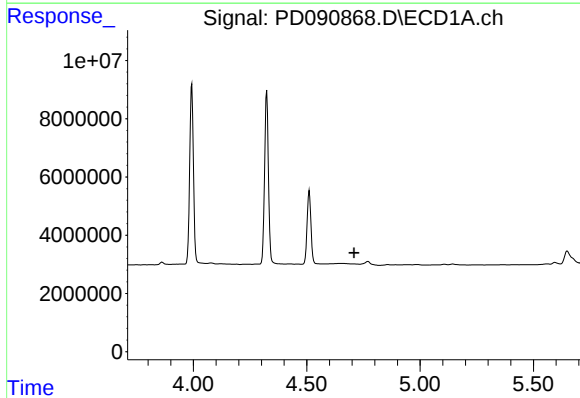
R.T.: 0.000 min
Exp R.T.: 8.107 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



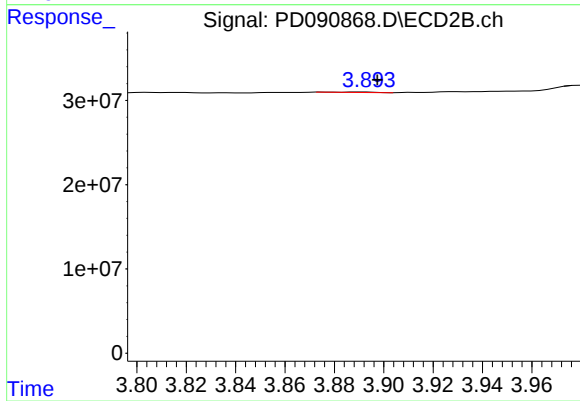
#22 Mirex

R.T.: 7.164 min
Delta R.T.: -0.011 min
Response: 9493245
Conc: 0.37 ng/ml



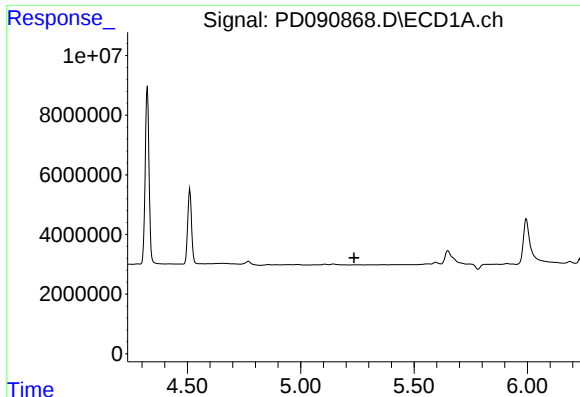
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T.: 4.709 min
Response: 0
Conc: N.D.



#23 Chlordane-1

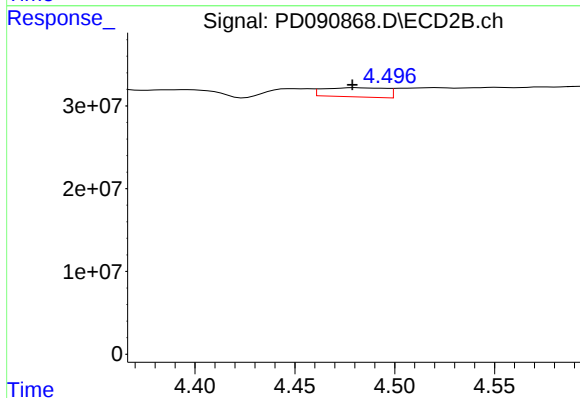
R.T.: 3.890 min
Delta R.T.: -0.007 min
Response: 596479
Conc: 0.48 ng/ml



#24 Chlordane-2

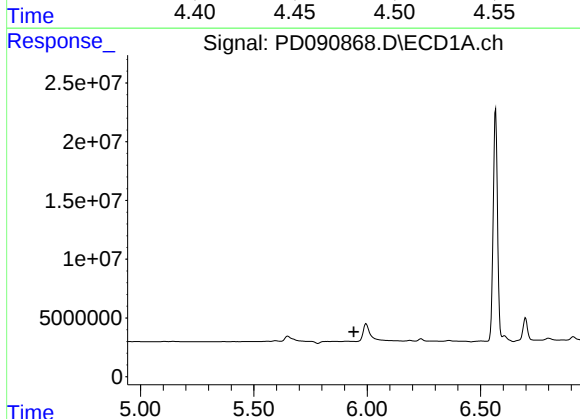
R.T.: 0.000 min
Exp R.T.: 5.236 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



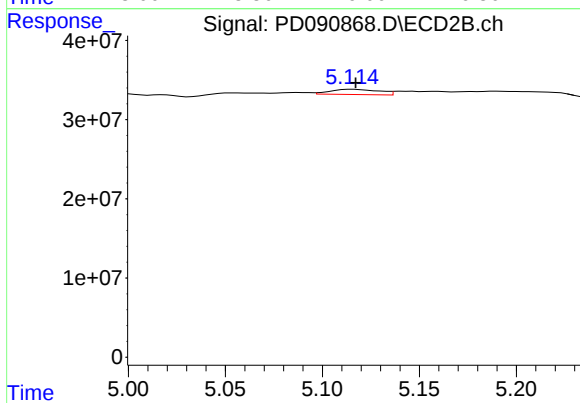
#24 Chlordane-2

R.T.: 4.480 min
Delta R.T.: 0.002 min
Response: 23911516
Conc: 18.33 ng/ml



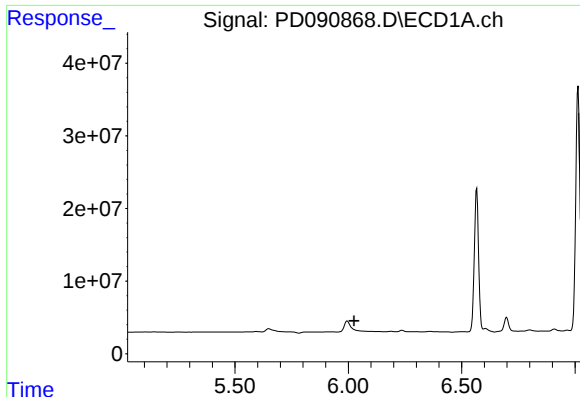
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T.: 5.941 min
Response: 0
Conc: N.D.



#25 Chlordane-3

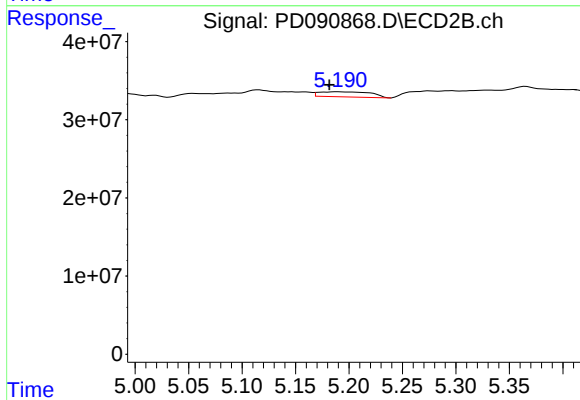
R.T.: 5.115 min
Delta R.T.: -0.002 min
Response: 11280524
Conc: 2.90 ng/ml



#26 Chlordane-4

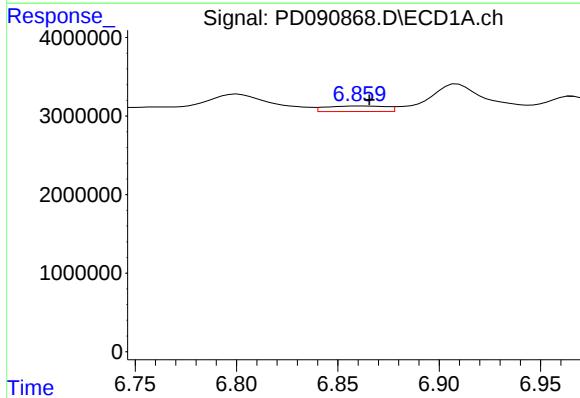
R.T.: 0.000 min
Exp R.T.: 6.025 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



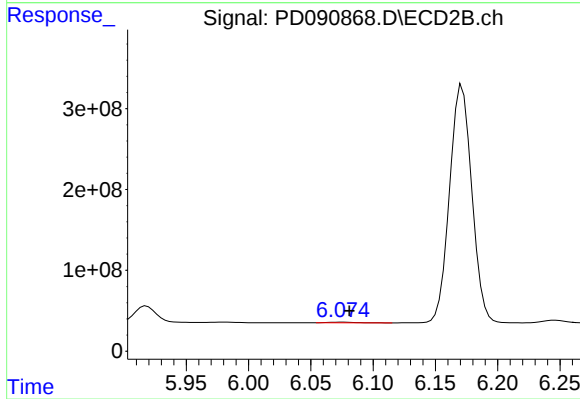
#26 Chlordane-4

R.T.: 5.190 min
Delta R.T.: 0.008 min
Response: 21950913
Conc: 6.57 ng/ml



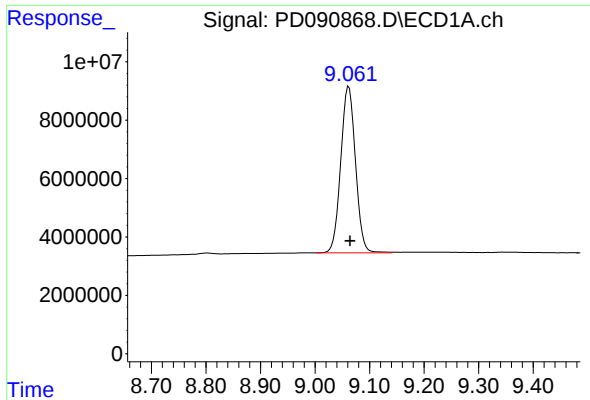
#27 Chlordane-5

R.T.: 6.861 min
Delta R.T.: -0.005 min
Response: 1468860
Conc: 9.78 ng/ml



#27 Chlordane-5

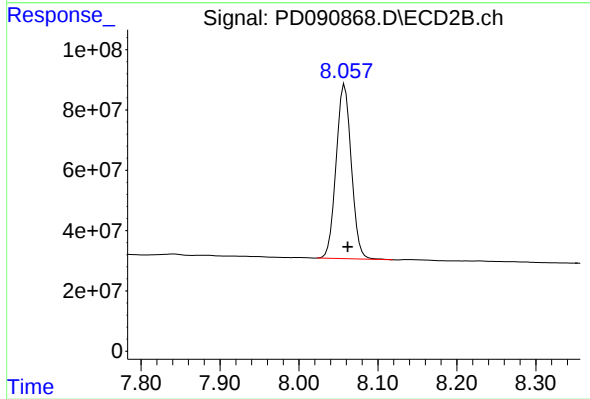
R.T.: 6.075 min
Delta R.T.: -0.006 min
Response: 12479171
Conc: 8.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: -0.002 min
Response: 107086305
Conc: 22.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 772512317
Conc: 25.50 ng/ml