

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102025\
 Data File : PD090712.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2025 18:55
 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 20 23:54:47 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	2.874	72535291	670.0E6	23.292	22.501
28)	SA Decachlor...	9.066	8.062	103.0E6	636.4E6	22.014	21.010
Target Compounds							
2)	A alpha-BHC	3.993	3.386	71041933	562.5E6	9.898	11.009
3)	MA gamma-BHC...	4.324	3.722	69247078	524.1E6	10.185	11.093
4)	MA Heptachlor	4.898f	4.073	131386	1162085	0.024	0.026
5)	MB Aldrin	0.000	4.359	0	8264804	N.D.	0.178 #
6)	B beta-BHC	4.512	4.019	28970059	214.3E6	11.059	10.808
7)	B delta-BHC	4.771	4.239f	1603912	28308	0.237	0.001 #
8)	B Heptachlo...	5.679	4.868	4677280	7630918	0.808	0.179 #
9)	A Endosulfan I	6.062	0.000	61631	0	0.011	N.D. #
10)	B gamma-Chl...	5.939	5.118	101515	26472966	0.017	0.589 #
11)	B alpha-Chl...	5.995f	5.172	4729014	120.5E6	0.765	2.793 #
12)	B 4,4'-DDE	6.191	5.367	302195	27220934	0.057	0.621 #
13)	MA Dieldrin	6.362f	5.505	139172	10766190	0.024	0.244 #
14)	MA Endrin	6.569	5.780	271.3E6	2097.8E6	54.763	51.804
15)	B Endosulfa...	6.803f	6.080	14958835	332072	2.992	0.009 #
16)	A 4,4'-DDD	6.701	5.924	17920862	46924055	4.420	1.288 #
17)	MA 4,4'-DDT	7.016	6.174	442.0E6	3584.1E6	107.537	102.188
18)	B Endrin al...	6.911	6.248	7847141	23934451	2.142	0.864 #
19)	B Endosulfa...	0.000	6.464	0	1894564	N.D.	0.053 #
20)	A Methoxychlor	7.489	6.744	522.6E6	3697.7E6	245.849	212.171
21)	B Endrin ke...	7.626	6.982	3787230	34648225	0.779	0.919
22)	Mirex	0.000	7.168	0	9125350	N.D.	0.355 #
23)	Chlordane-1	0.000	3.889	0	400211	N.D.	0.321 #
24)	Chlordane-2	0.000	4.492	0	81748960	N.D.	62.666 #
25)	Chlordane-3	5.939	5.118	101515	26472966	0.133	6.803 #
26)	Chlordane-4	5.995f	5.172	4729014	120.5E6	4.881	36.061 #
27)	Chlordane-5	6.876	6.080	6347122	332072	42.241	0.225 #

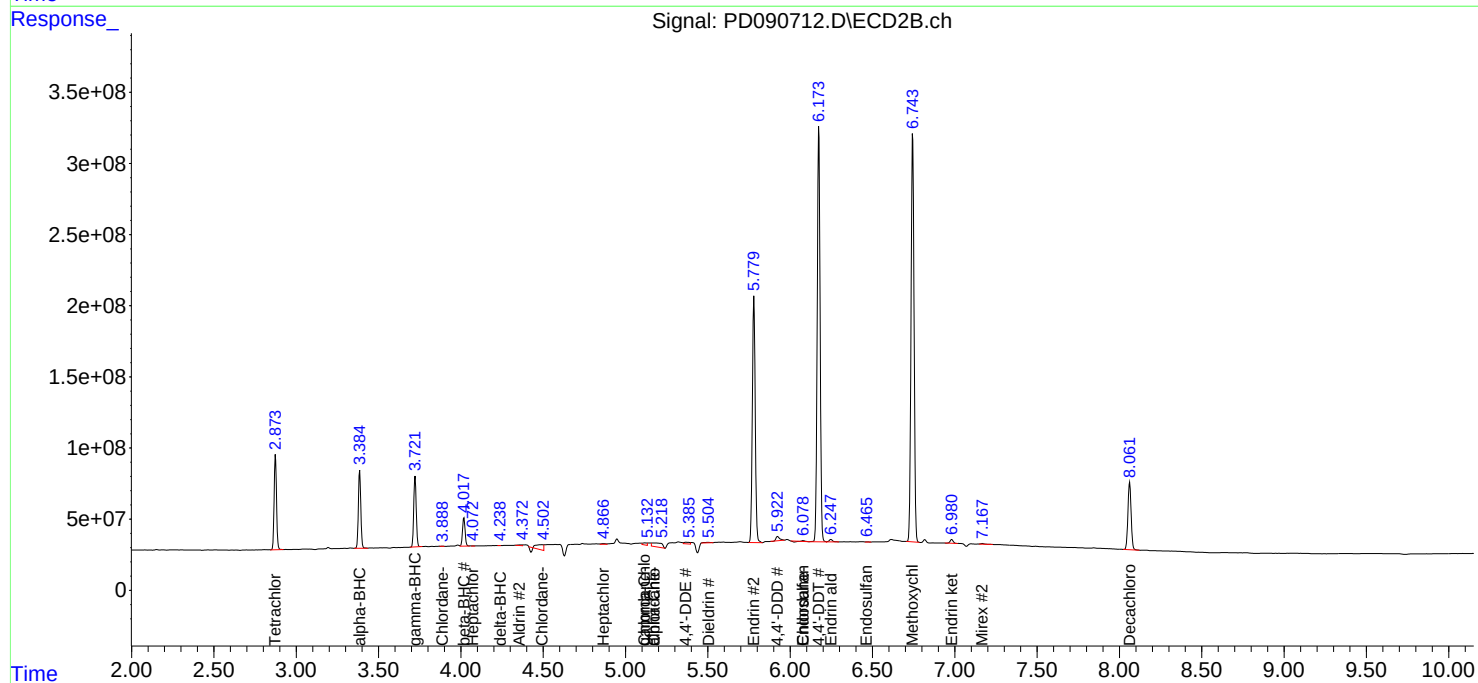
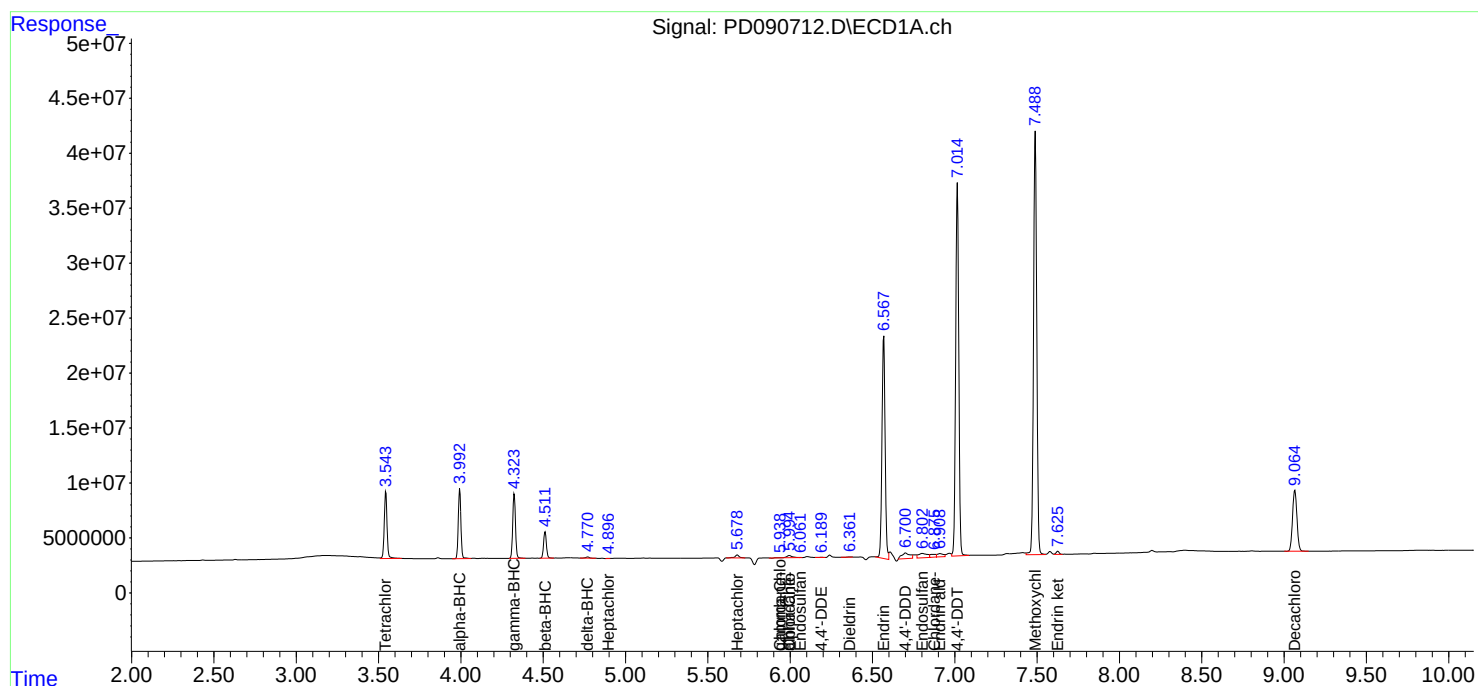
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

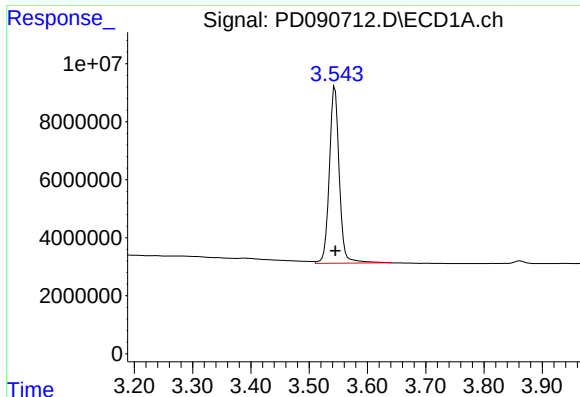
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102025\
Data File : PD090712.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Oct 2025 18:55
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 20 23:54:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 2025
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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

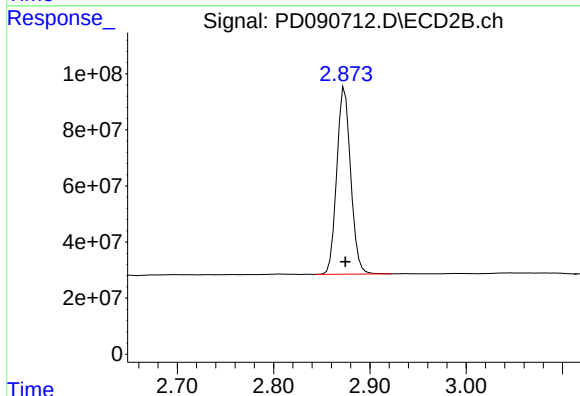




#1 Tetrachloro-m-xylene

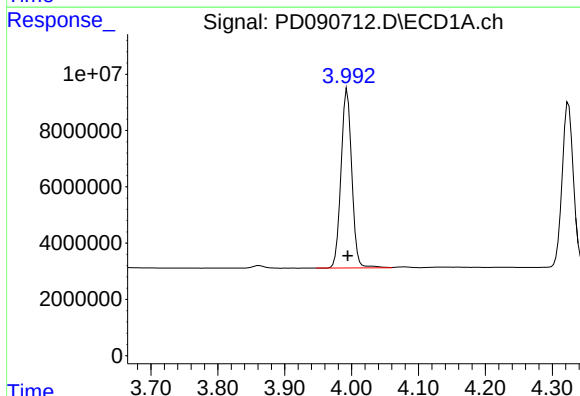
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 72535291
Conc: 23.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



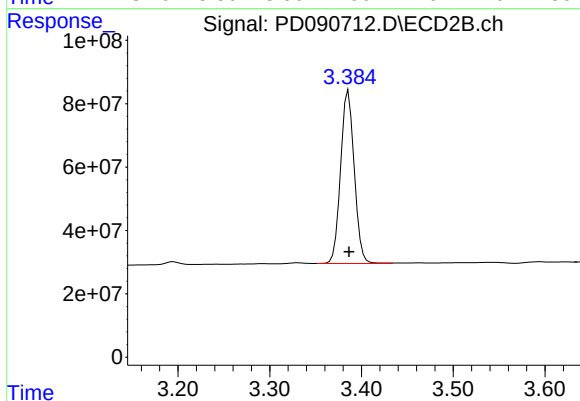
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 670025564
Conc: 22.50 ng/ml



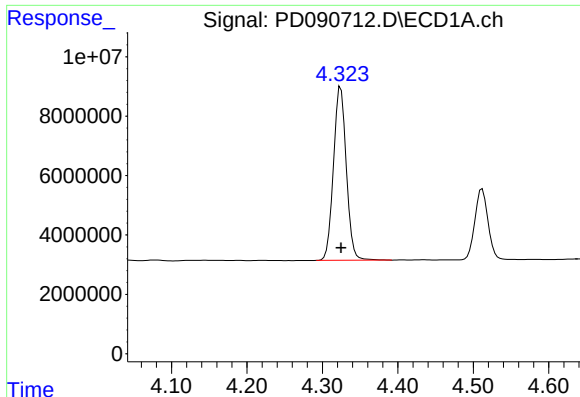
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 71041933
Conc: 9.90 ng/ml



#2 alpha-BHC

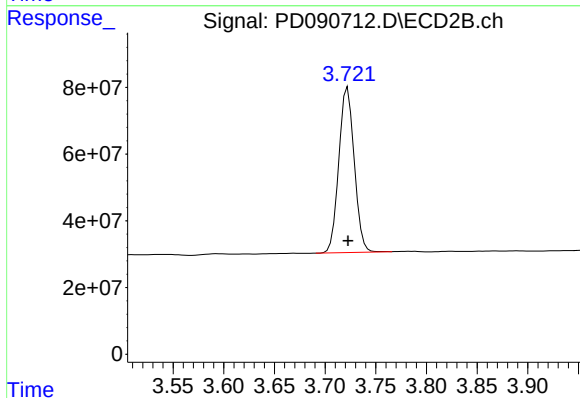
R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 562538248
Conc: 11.01 ng/ml



#3 gamma-BHC (Lindane)

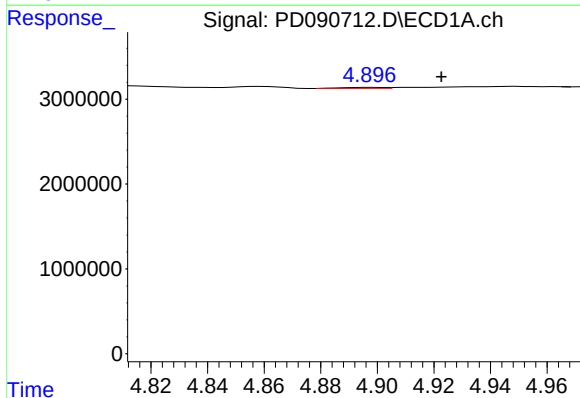
R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 69247078
Conc: 10.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



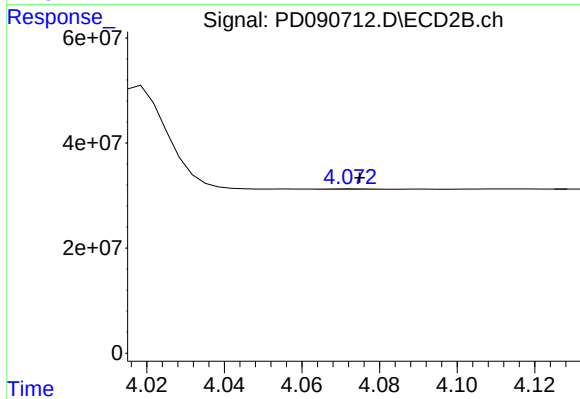
#3 gamma-BHC (Lindane)

R.T.: 3.722 min
Delta R.T.: 0.000 min
Response: 524146970
Conc: 11.09 ng/ml



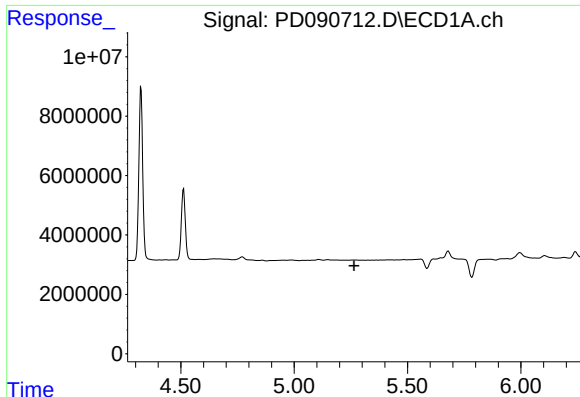
#4 Heptachlor

R.T.: 4.898 min
Delta R.T.: -0.025 min
Response: 131386
Conc: 0.02 ng/ml



#4 Heptachlor

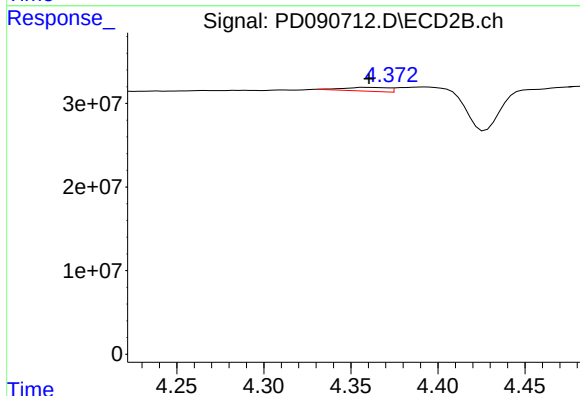
R.T.: 4.073 min
Delta R.T.: -0.002 min
Response: 1162085
Conc: 0.03 ng/ml



#5 Aldrin

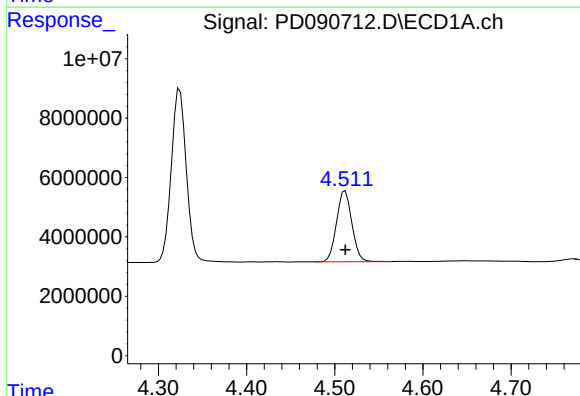
R.T.: 0.000 min
Exp R.T.: 5.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



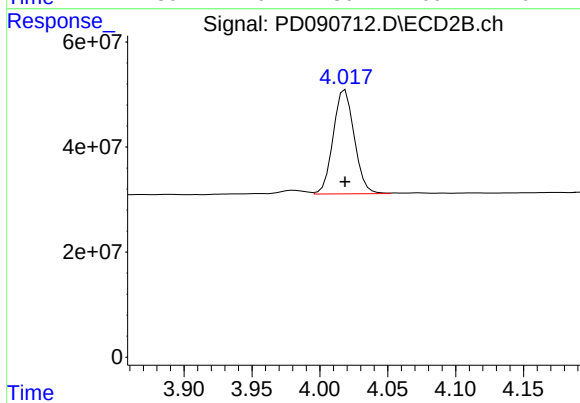
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.002 min
Response: 8264804
Conc: 0.18 ng/ml



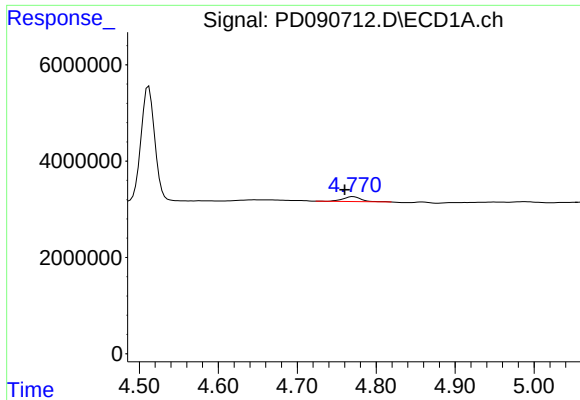
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 28970059
Conc: 11.06 ng/ml



#6 beta-BHC

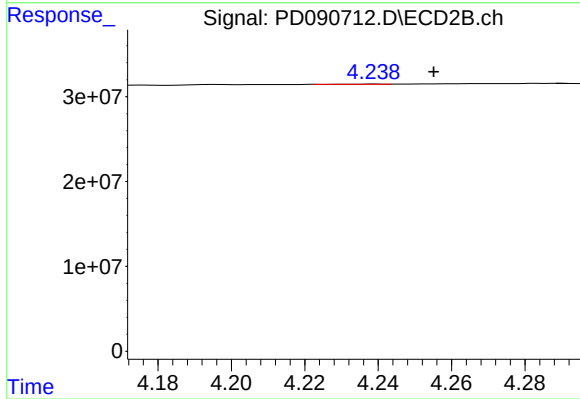
R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 214327054
Conc: 10.81 ng/ml



#7 delta-BHC

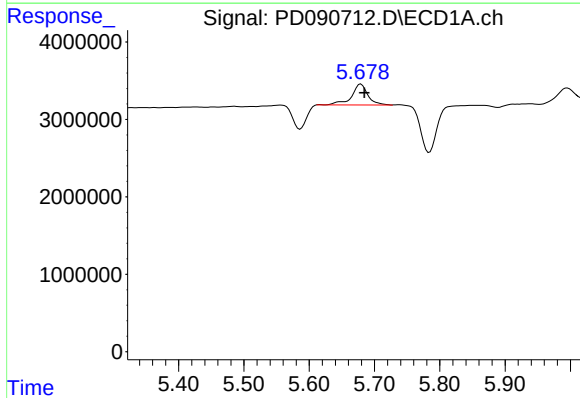
R.T.: 4.771 min
Delta R.T.: 0.011 min
Response: 1603912
Conc: 0.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



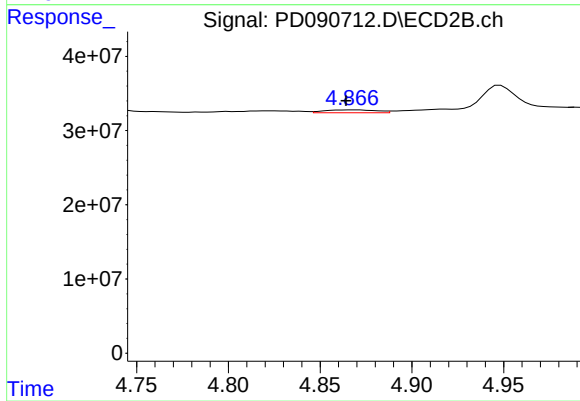
#7 delta-BHC

R.T.: 4.239 min
Delta R.T.: -0.016 min
Response: 28308
Conc: 0.00 ng/ml



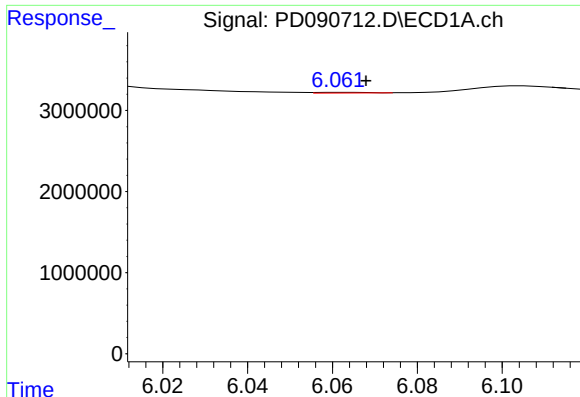
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: -0.005 min
Response: 4677280
Conc: 0.81 ng/ml



#8 Heptachlor epoxide

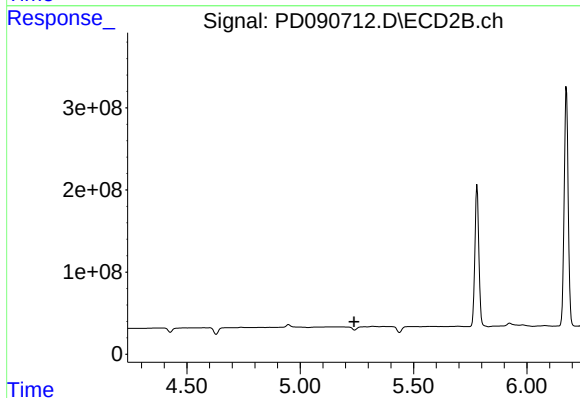
R.T.: 4.868 min
Delta R.T.: 0.004 min
Response: 7630918
Conc: 0.18 ng/ml



#9 Endosulfan I

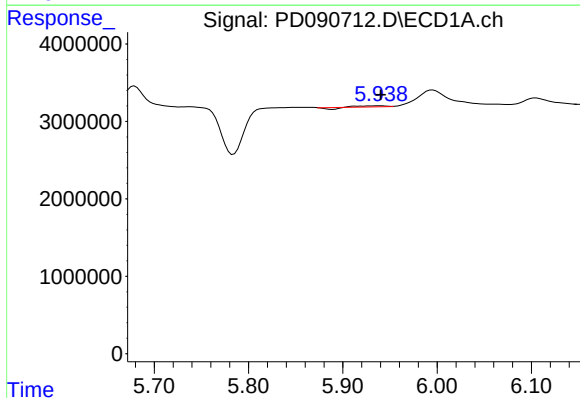
R.T.: 6.062 min
Delta R.T.: -0.006 min
Response: 61631
Conc: 0.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



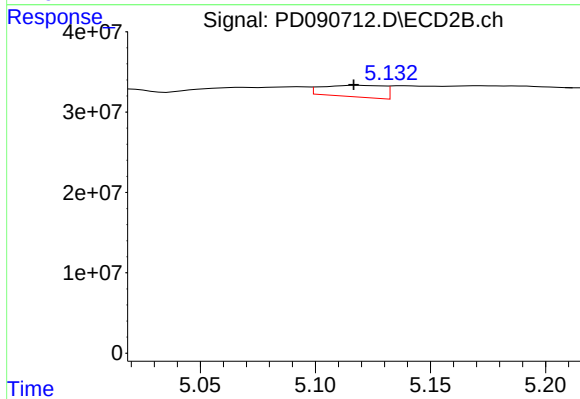
#9 Endosulfan I

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



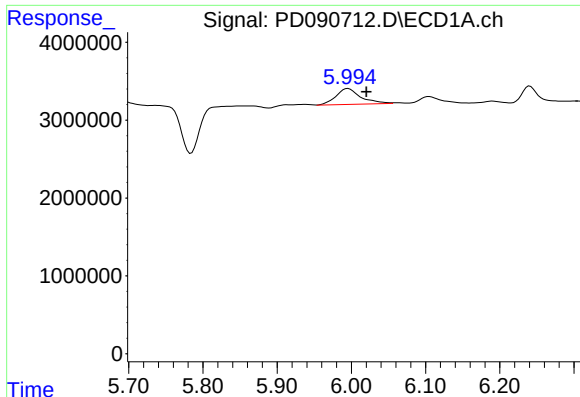
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.001 min
Response: 101515
Conc: 0.02 ng/ml



#10 gamma-Chlordane

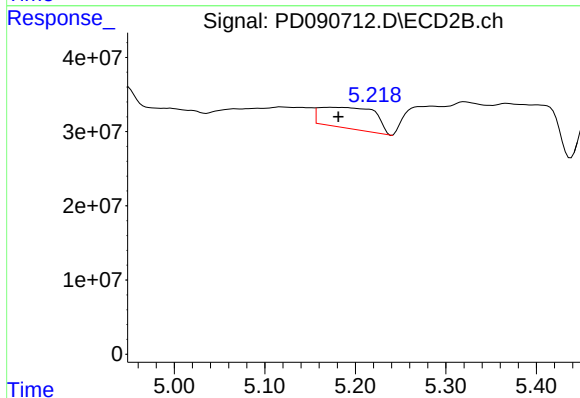
R.T.: 5.118 min
Delta R.T.: 0.001 min
Response: 26472966
Conc: 0.59 ng/ml



#11 alpha-Chlordane

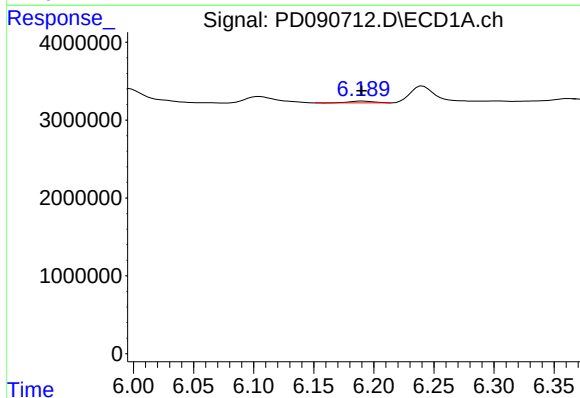
R.T.: 5.995 min
Delta R.T.: -0.025 min
Response: 4729014
Conc: 0.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



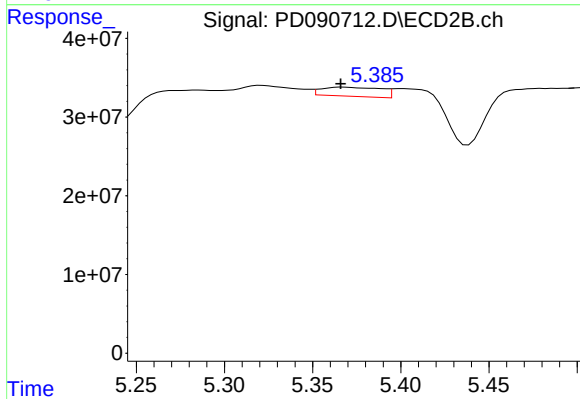
#11 alpha-Chlordane

R.T.: 5.172 min
Delta R.T.: -0.009 min
Response: 120488339
Conc: 2.79 ng/ml



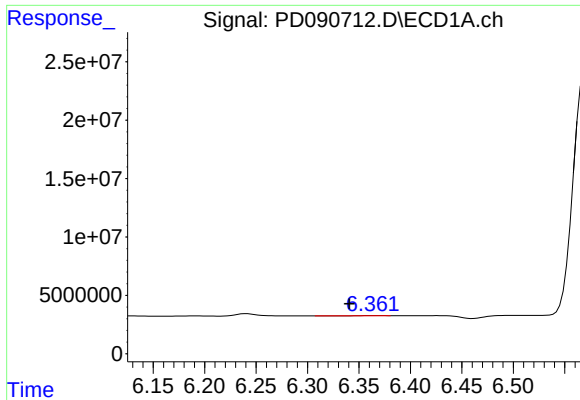
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.000 min
Response: 302195
Conc: 0.06 ng/ml



#12 4,4'-DDE

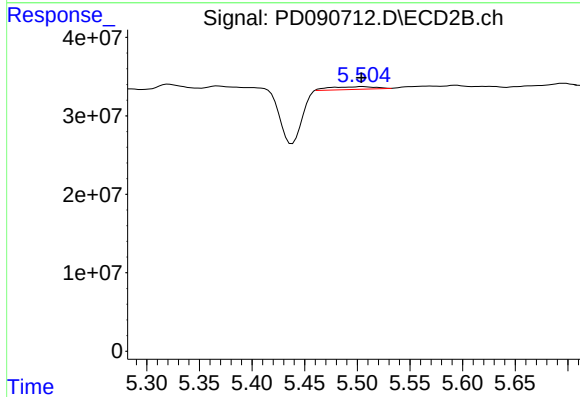
R.T.: 5.367 min
Delta R.T.: 0.001 min
Response: 27220934
Conc: 0.62 ng/ml



#13 Dieldrin

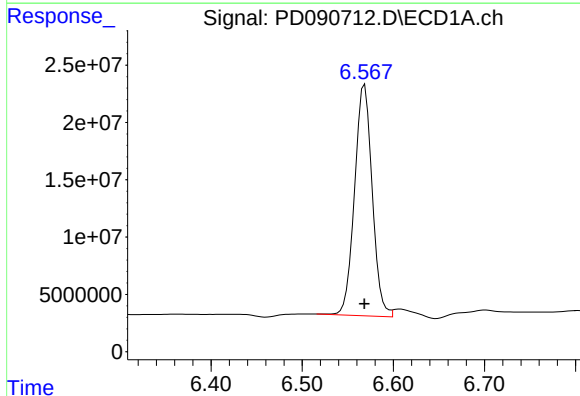
R.T.: 6.362 min
Delta R.T.: 0.022 min
Response: 139172
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



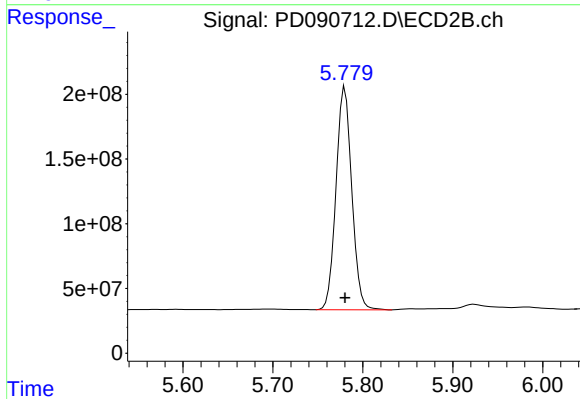
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: 0.001 min
Response: 10766190
Conc: 0.24 ng/ml



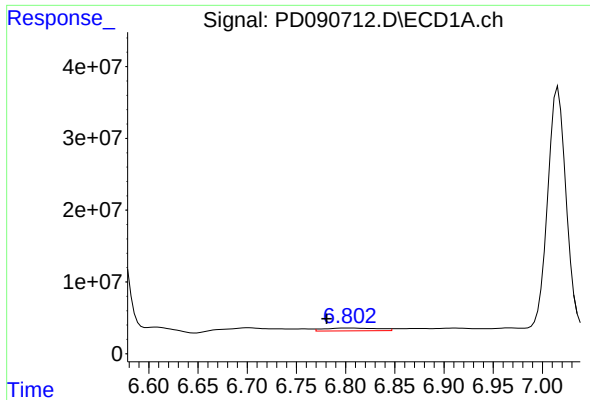
#14 Endrin

R.T.: 6.569 min
Delta R.T.: 0.000 min
Response: 271280666
Conc: 54.76 ng/ml



#14 Endrin

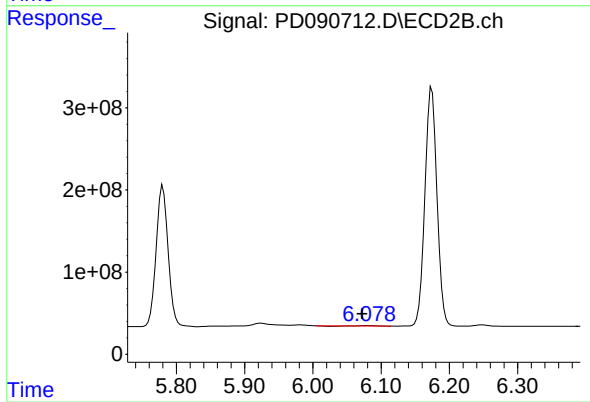
R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 2097752360
Conc: 51.80 ng/ml



#15 Endosulfan II

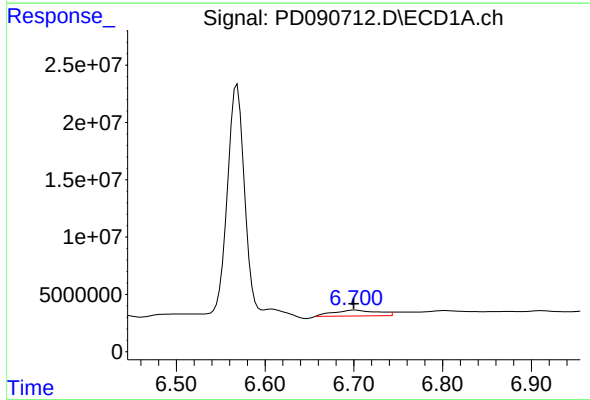
R.T.: 6.803 min
Delta R.T.: 0.022 min
Response: 14958835
Conc: 2.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



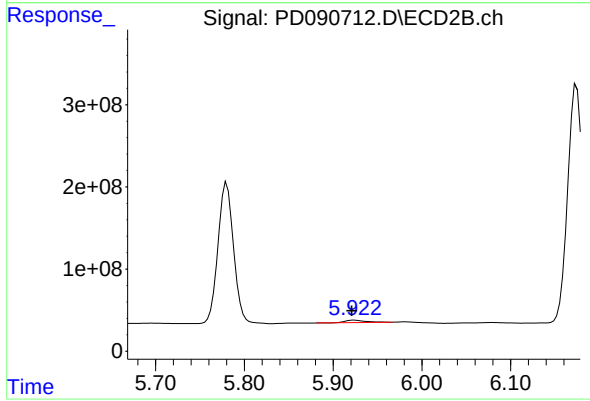
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: 0.007 min
Response: 332072
Conc: 0.01 ng/ml



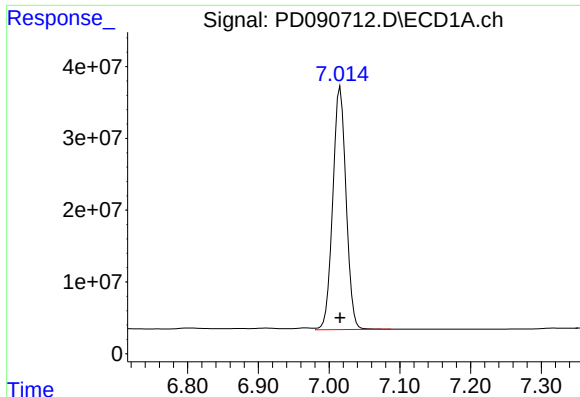
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: 0.001 min
Response: 17920862
Conc: 4.42 ng/ml



#16 4,4'-DDD

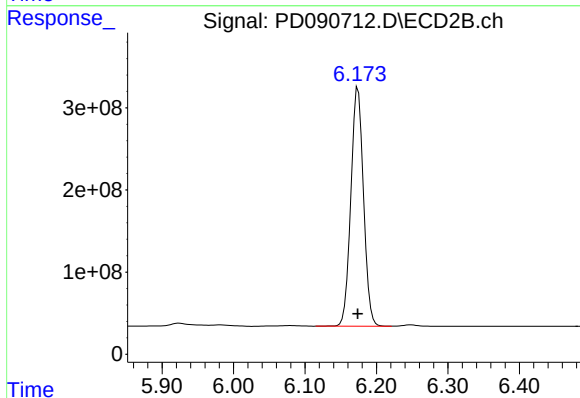
R.T.: 5.924 min
Delta R.T.: 0.003 min
Response: 46924055
Conc: 1.29 ng/ml



#17 4,4'-DDT

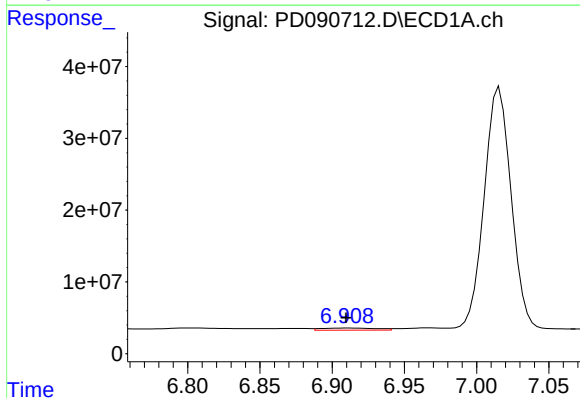
R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 442026899
Conc: 107.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



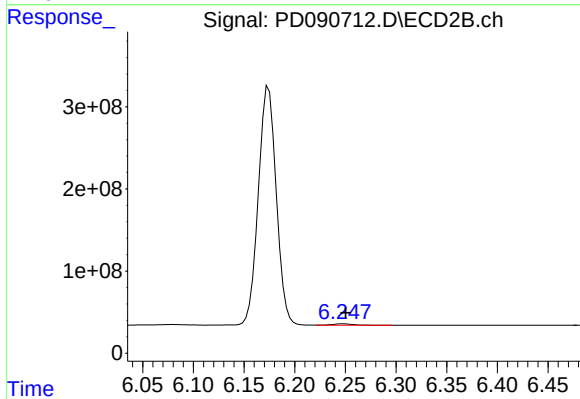
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: 0.000 min
Response: 3584064801
Conc: 102.19 ng/ml



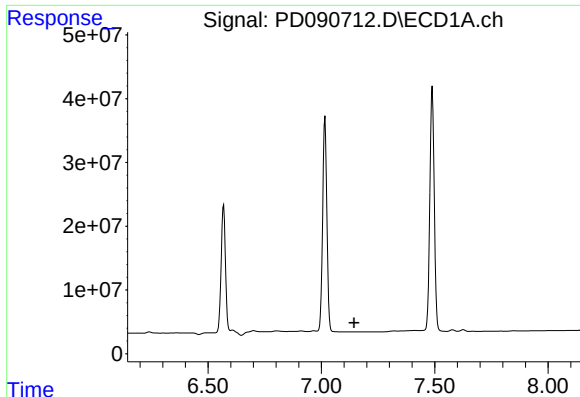
#18 Endrin aldehyde

R.T.: 6.911 min
Delta R.T.: 0.002 min
Response: 7847141
Conc: 2.14 ng/ml



#18 Endrin aldehyde

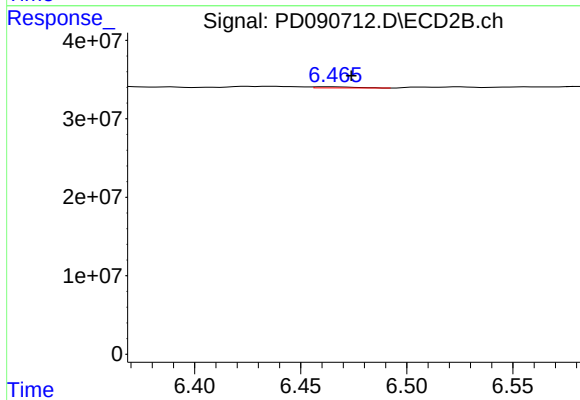
R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 23934451
Conc: 0.86 ng/ml



#19 Endosulfan Sulfate

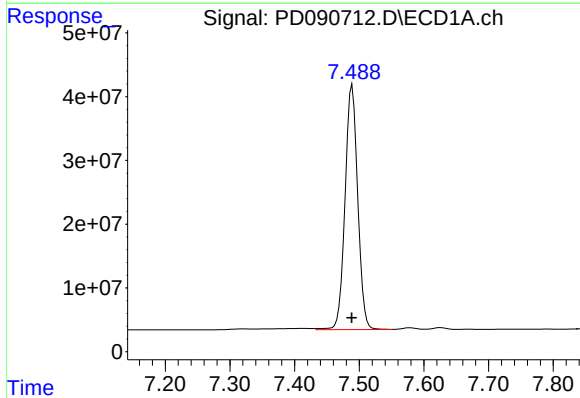
R.T.: 0.000 min
Exp R.T.: 7.145 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



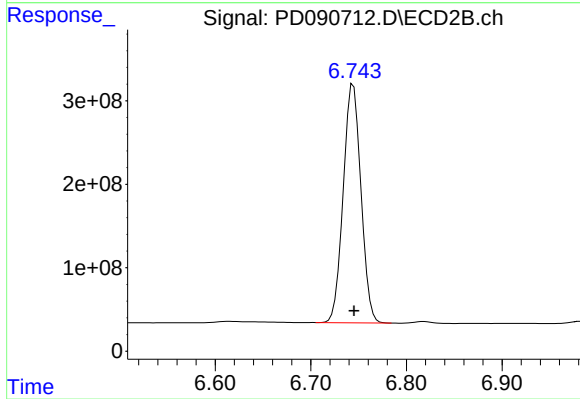
#19 Endosulfan Sulfate

R.T.: 6.464 min
Delta R.T.: -0.010 min
Response: 1894564
Conc: 0.05 ng/ml



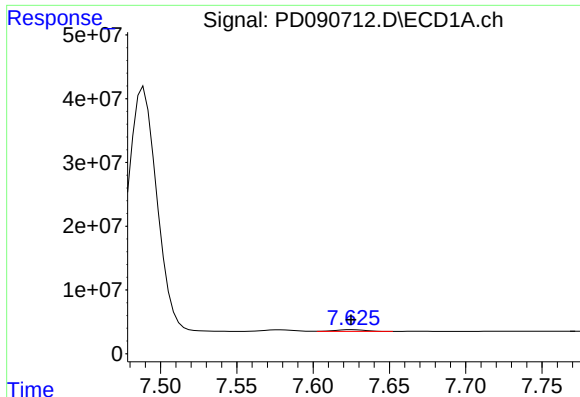
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 522573831
Conc: 245.85 ng/ml



#20 Methoxychlor

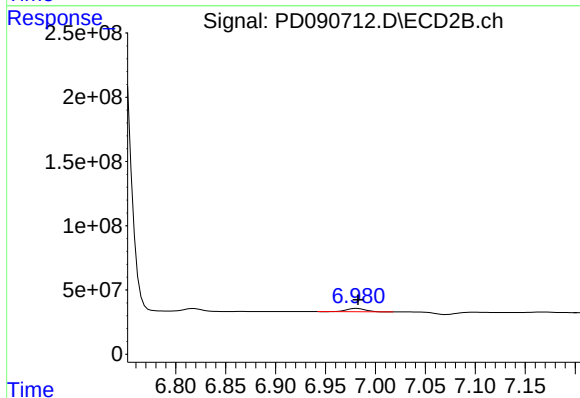
R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 3697684165
Conc: 212.17 ng/ml



#21 Endrin ketone

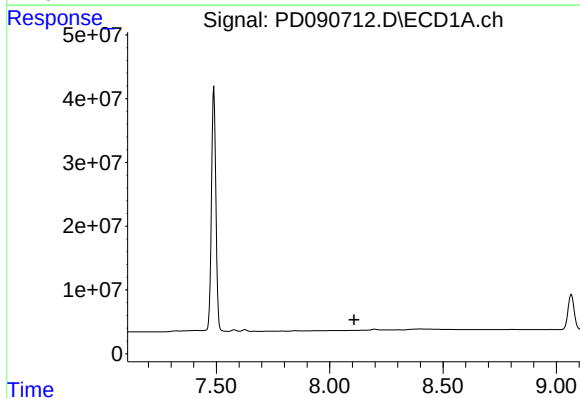
R.T.: 7.626 min
Delta R.T.: 0.001 min
Response: 3787230
Conc: 0.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



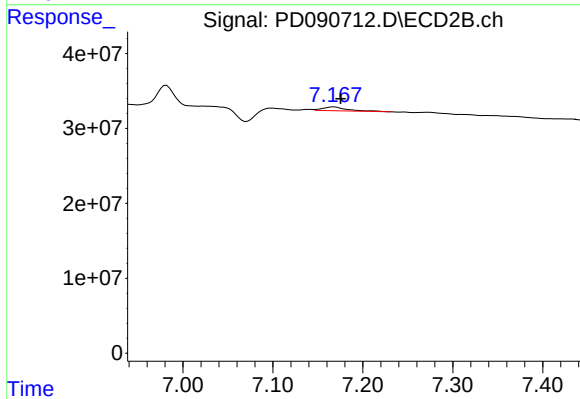
#21 Endrin ketone

R.T.: 6.982 min
Delta R.T.: -0.001 min
Response: 34648225
Conc: 0.92 ng/ml



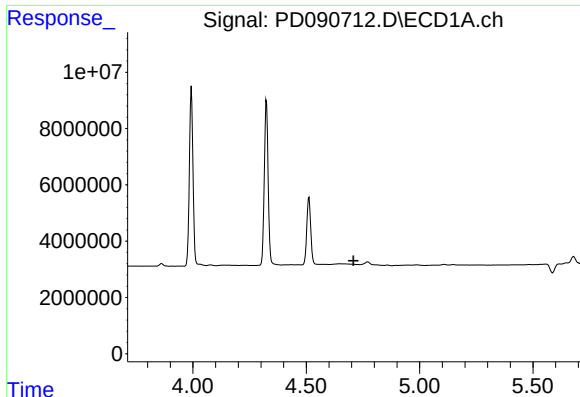
#22 Mirex

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



#22 Mirex

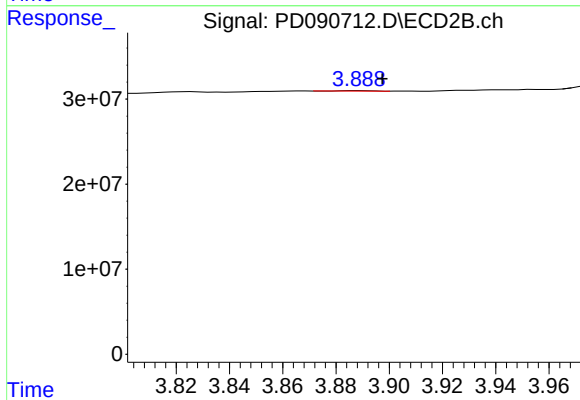
R.T.: 7.168 min
Delta R.T.: -0.007 min
Response: 9125350
Conc: 0.36 ng/ml



#23 Chlordane-1

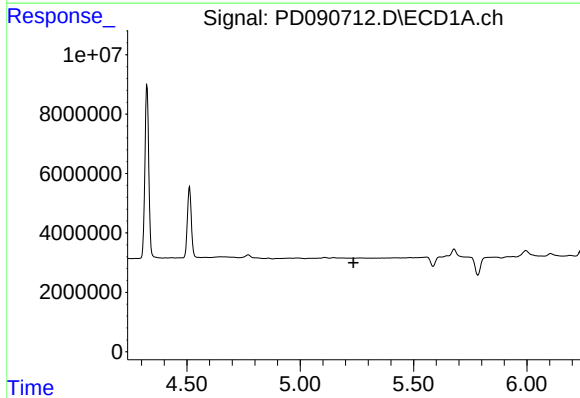
R.T.: 0.000 min
Exp R.T.: 4.709 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



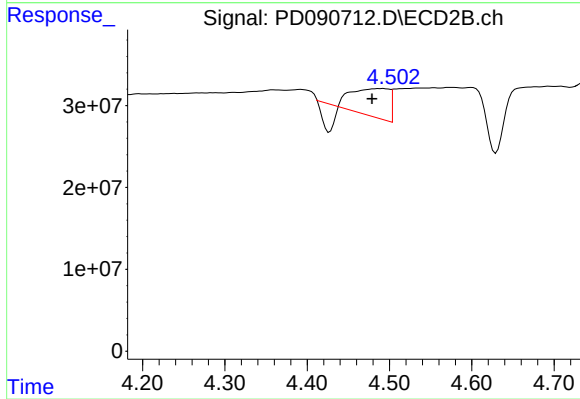
#23 Chlordane-1

R.T.: 3.889 min
Delta R.T.: -0.009 min
Response: 400211
Conc: 0.32 ng/ml



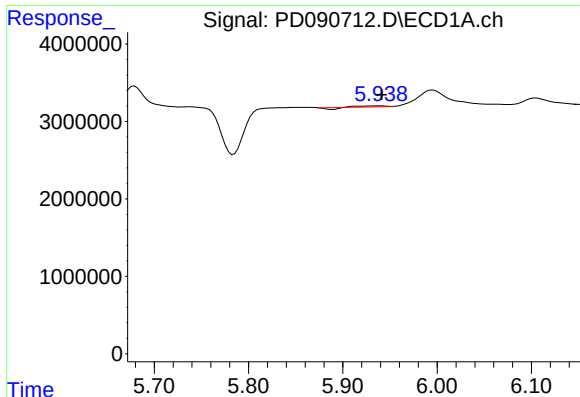
#24 Chlordane-2

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



#24 Chlordane-2

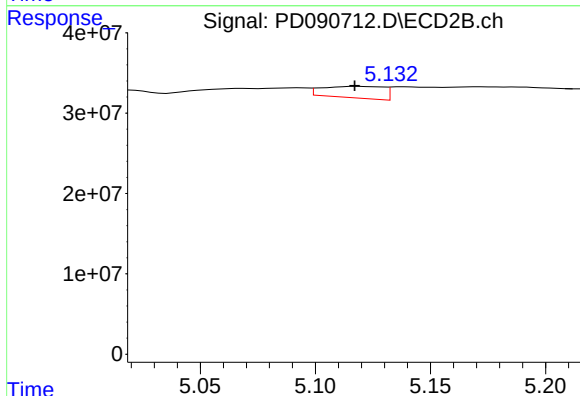
R.T.: 4.492 min
Delta R.T.: 0.014 min
Response: 81748960
Conc: 62.67 ng/ml



#25 Chlordane-3

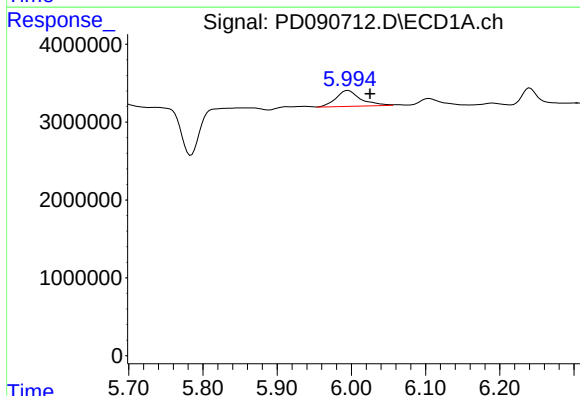
R.T.: 5.939 min
Delta R.T.: -0.002 min
Response: 101515
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



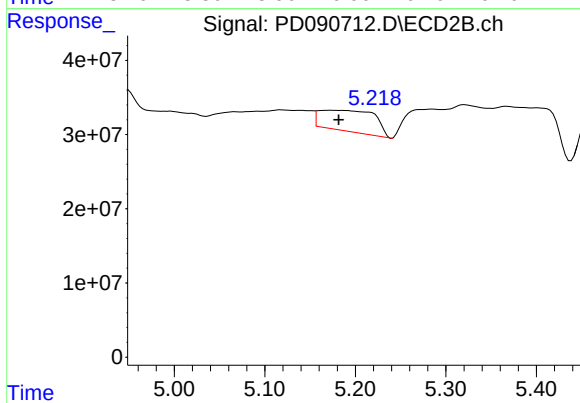
#25 Chlordane-3

R.T.: 5.118 min
Delta R.T.: 0.001 min
Response: 26472966
Conc: 6.80 ng/ml



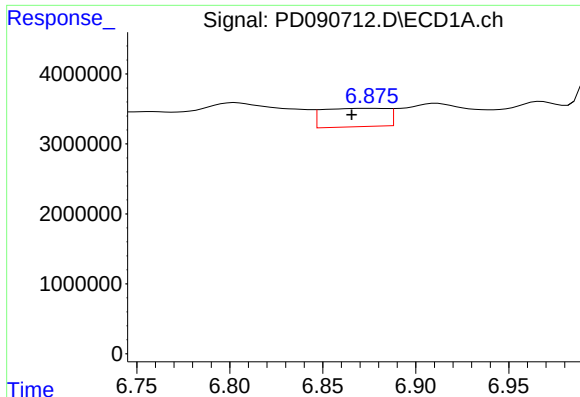
#26 Chlordane-4

R.T.: 5.995 min
Delta R.T.: -0.030 min
Response: 4729014
Conc: 4.88 ng/ml



#26 Chlordane-4

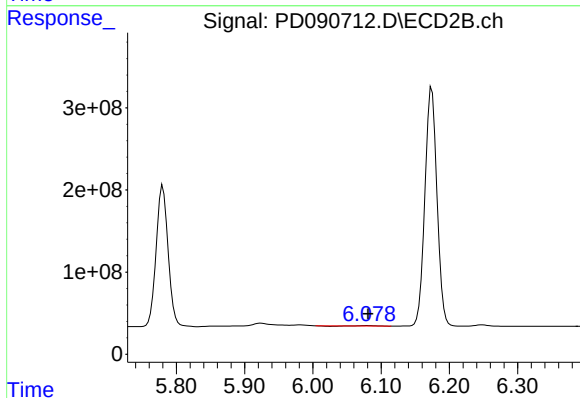
R.T.: 5.172 min
Delta R.T.: -0.009 min
Response: 120488339
Conc: 36.06 ng/ml



#27 Chlordane-5

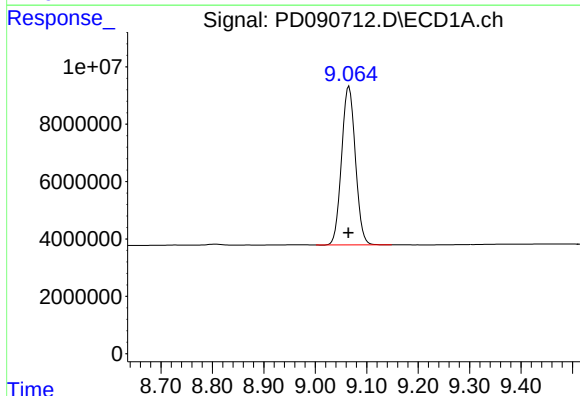
R.T.: 6.876 min
Delta R.T.: 0.011 min
Response: 6347122
Conc: 42.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



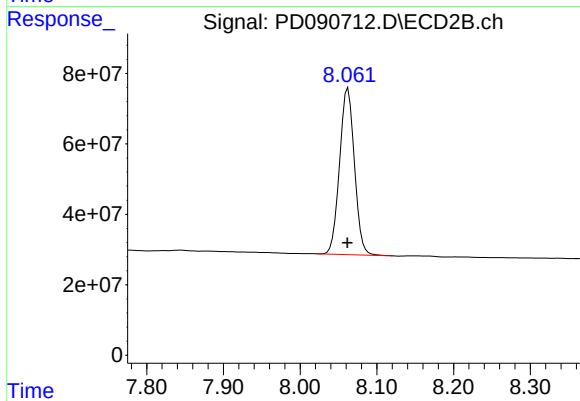
#27 Chlordane-5

R.T.: 6.080 min
Delta R.T.: -0.002 min
Response: 332072
Conc: 0.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.001 min
Response: 102979808
Conc: 22.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.062 min
Delta R.T.: 0.000 min
Response: 636426198
Conc: 21.01 ng/ml