

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102325\
 Data File : PD090776.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Oct 2025 09:38
 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 24 06:12:05 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	64542344	639.1E6	20.725	21.461
2)	SA Decachlor...	9.066	8.060	99943602	762.6E6	21.365	25.175
Target Compounds							
2)	A alpha-BHC	3.993	3.385	61919576	537.6E6	8.627	10.521
3)	MA gamma-BHC...	4.324	3.721	61129232	508.8E6	8.991	10.769
4)	MA Heptachlor	4.897f	4.075	521933	1163651	0.093	0.026 #
5)	MB Aldrin	0.000	4.357	0	1319830	N.D.	0.028 #
6)	B beta-BHC	4.512	4.018	26171904	209.2E6	9.991	10.552
7)	B delta-BHC	4.771	4.249	3347414	554301	0.495	0.012 #
8)	B Heptachlo...	5.678	0.000	5156862	0	0.891	N.D. #
9)	A Endosulfan I	6.098f	0.000	285002	0	0.051	N.D. #
10)	B gamma-Chl...	5.939	5.116	342631	60827299	0.058	1.353 #
11)	B alpha-Chl...	5.996f	5.178	9318798	95080677	1.508	2.204 #
12)	B 4,4'-DDE	6.190	5.366	326034	52044970	0.061	1.187 #
13)	MA Dieldrin	6.360f	5.506	3230127	1460279	0.554	0.033 #
14)	MA Endrin	6.568	5.779	240.0E6	2052.9E6	48.447	50.696
15)	B Endosulfa...	6.801f	6.076	17568918	9305558	3.514	0.248 #
16)	A 4,4'-DDD	6.700	5.919	28022444	138.4E6	6.912	3.799 #
17)	MA 4,4'-DDT	7.016	6.172	404.0E6	3574.6E6	98.296	101.920
18)	B Endrin al...	6.911	6.247	7655029	28132388	2.090	1.016 #
19)	B Endosulfa...	7.114f	0.000	154534	0	0.033	N.D. #
20)	A Methoxychlor	7.489	6.743	489.2E6	3699.2E6	230.151	212.256
21)	B Endrin ke...	7.626	6.981	9080276	74975964	1.869	1.988
22)	Mirex	8.120	7.166	64440	10234305	0.020	0.398 #
23)	Chlordane-1	0.000	3.888	0	1827082	N.D.	1.466 #
24)	Chlordane-2	0.000	4.492	0	78147890	N.D.	59.905 #
25)	Chlordane-3	5.939	5.116	342631	60827299	0.449	15.631 #
26)	Chlordane-4	5.996f	5.178	9318798	95080677	9.618	28.457 #
27)	Chlordane-5	6.868	6.076	4483206	9305558	29.837	6.304 #

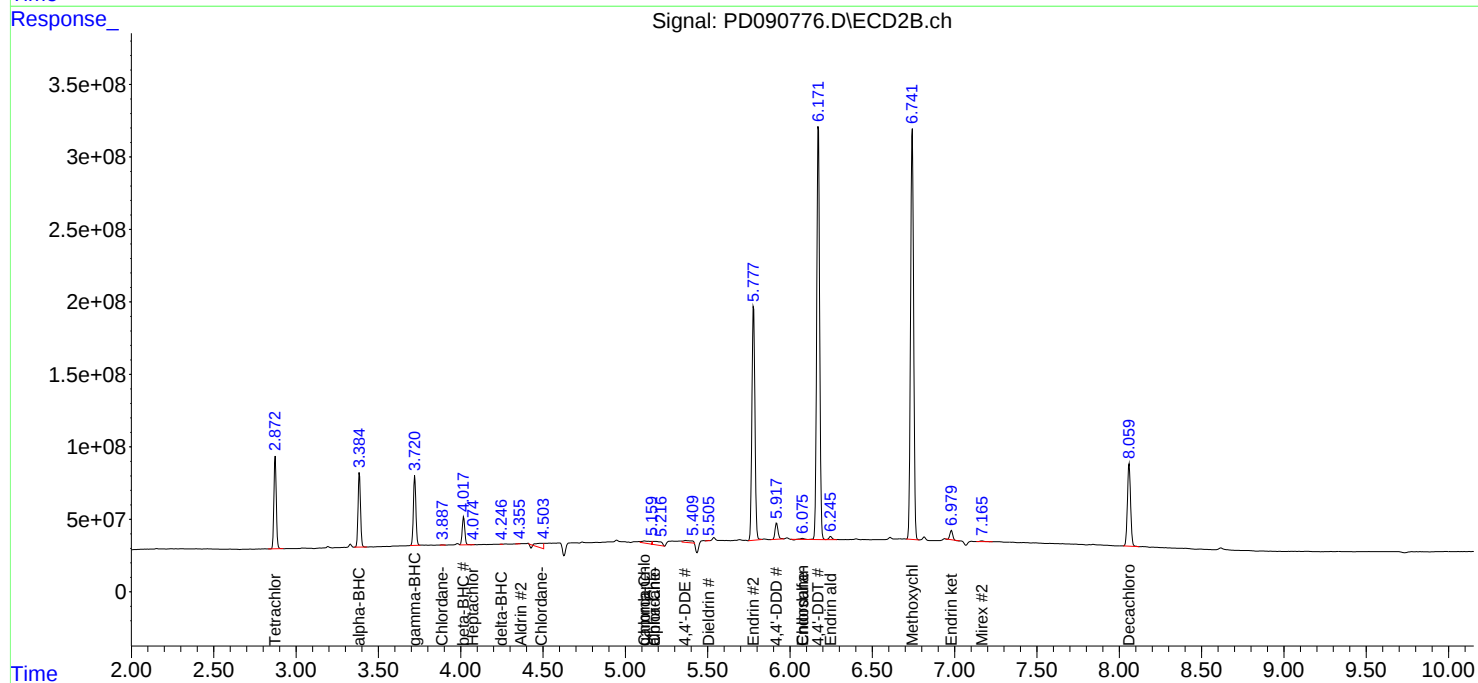
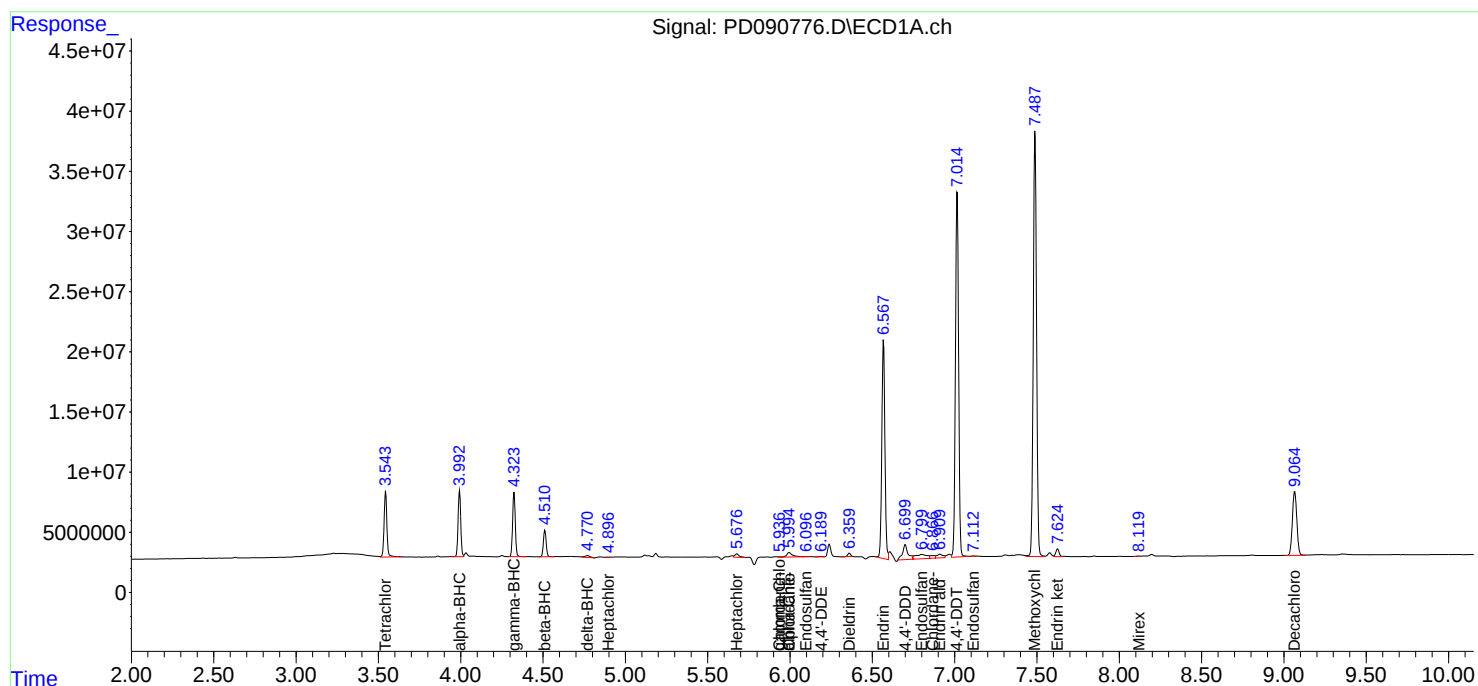
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

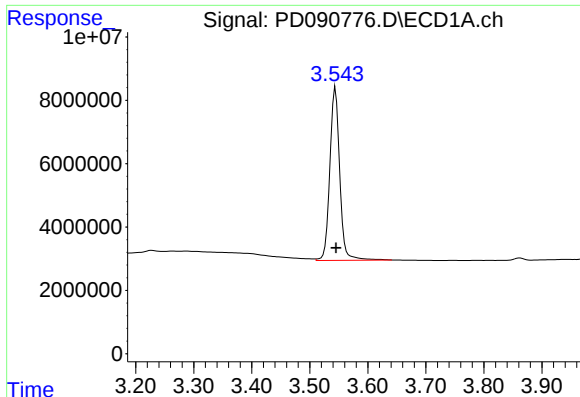
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD102325\
Data File : PD090776.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Oct 2025 09:38
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 06:12:05 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

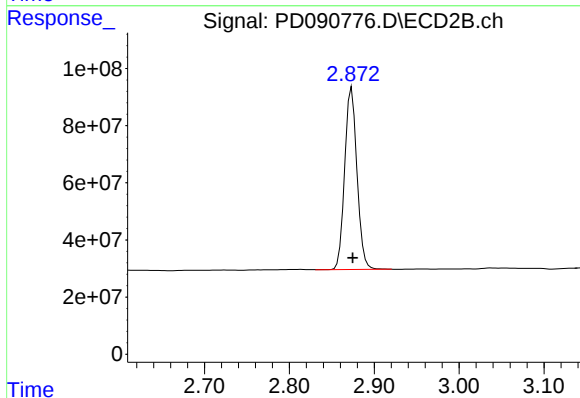




#1 Tetrachloro-m-xylene

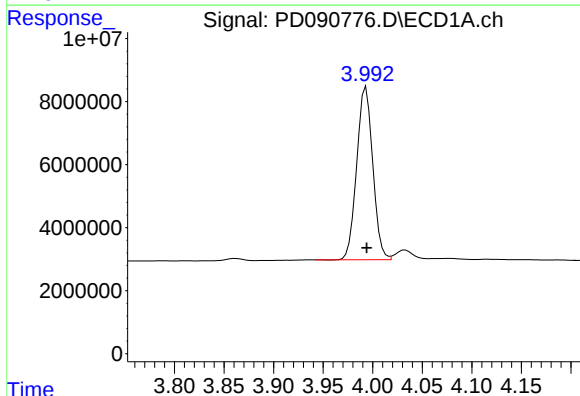
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 64542344
Conc: 20.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



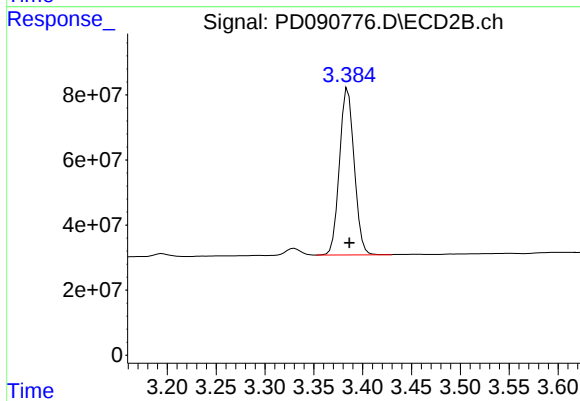
#1 Tetrachloro-m-xylene

R.T.: 2.873 min
Delta R.T.: -0.001 min
Response: 639061581
Conc: 21.46 ng/ml



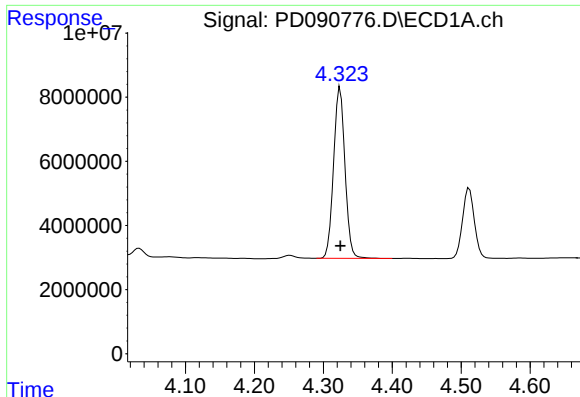
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 61919576
Conc: 8.63 ng/ml



#2 alpha-BHC

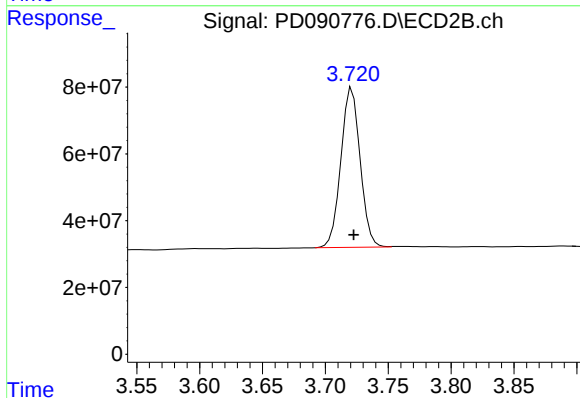
R.T.: 3.385 min
Delta R.T.: -0.002 min
Response: 537576271
Conc: 10.52 ng/ml



#3 gamma-BHC (Lindane)

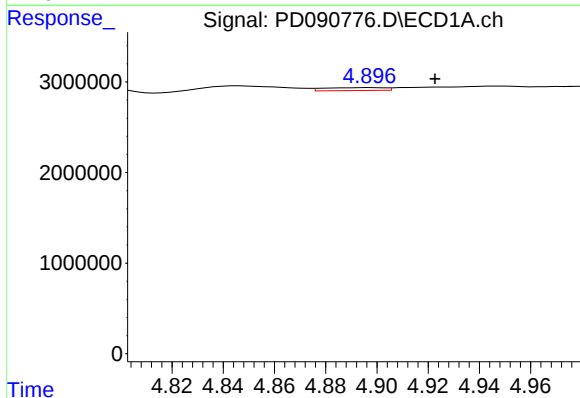
R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 61129232
Conc: 8.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



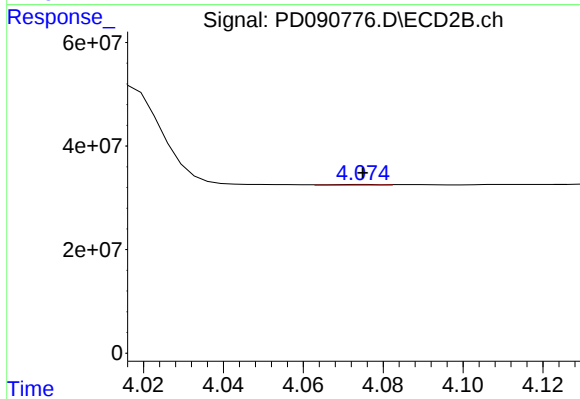
#3 gamma-BHC (Lindane)

R.T.: 3.721 min
Delta R.T.: -0.001 min
Response: 508804323
Conc: 10.77 ng/ml



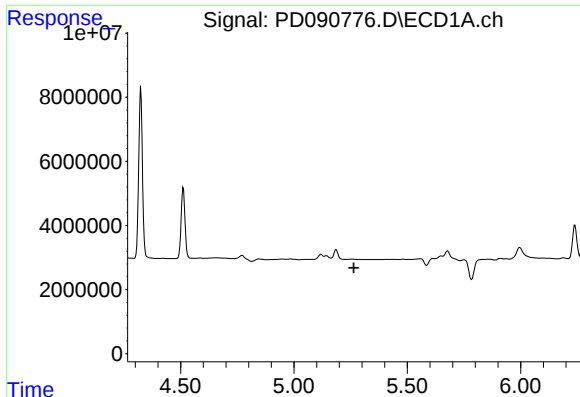
#4 Heptachlor

R.T.: 4.897 min
Delta R.T.: -0.025 min
Response: 521933
Conc: 0.09 ng/ml



#4 Heptachlor

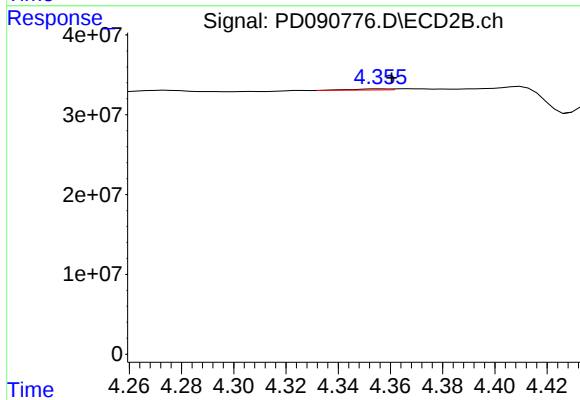
R.T.: 4.075 min
Delta R.T.: 0.000 min
Response: 1163651
Conc: 0.03 ng/ml



#5 Aldrin

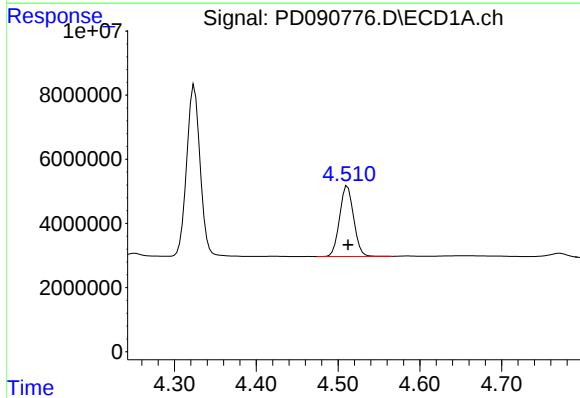
R.T.: 0.000 min
Exp R.T.: 5.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



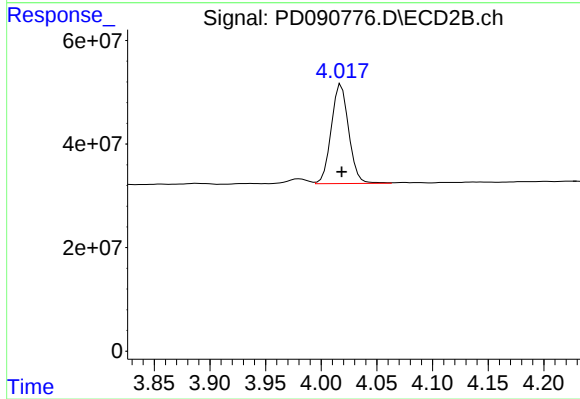
#5 Aldrin

R.T.: 4.357 min
Delta R.T.: -0.004 min
Response: 1319830
Conc: 0.03 ng/ml



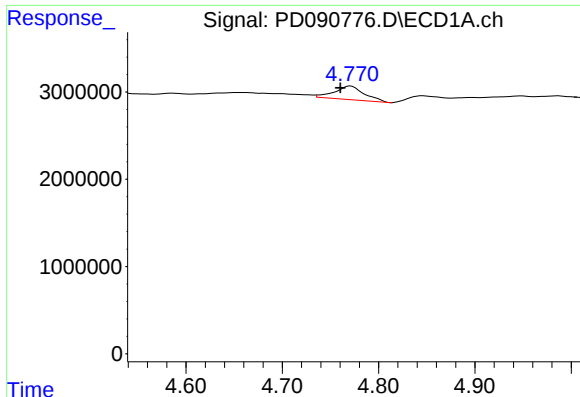
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 26171904
Conc: 9.99 ng/ml



#6 beta-BHC

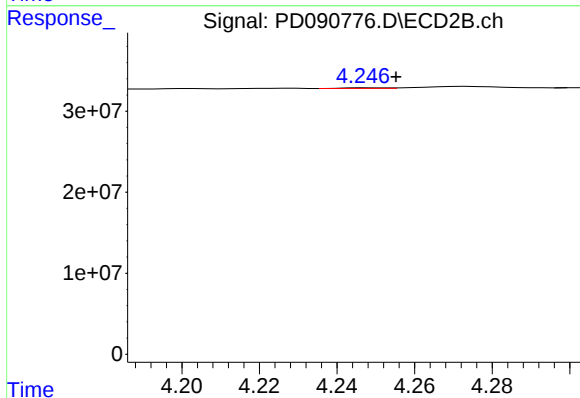
R.T.: 4.018 min
Delta R.T.: 0.000 min
Response: 209240049
Conc: 10.55 ng/ml



#7 delta-BHC

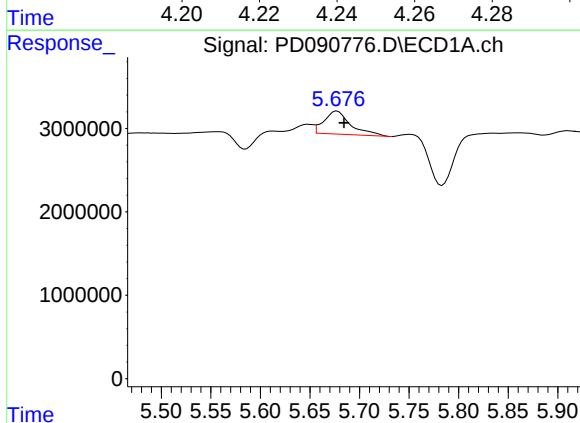
R.T.: 4.771 min
Delta R.T.: 0.011 min
Response: 3347414
Conc: 0.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



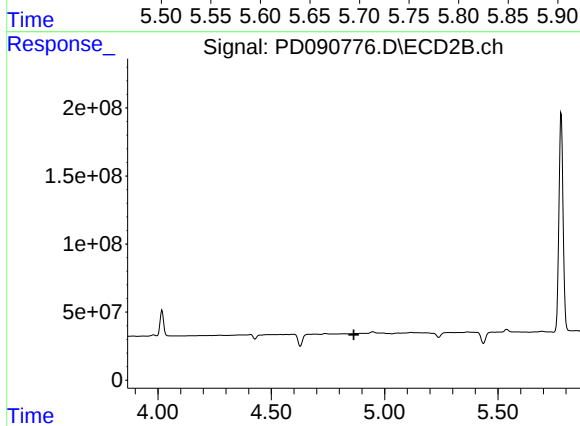
#7 delta-BHC

R.T.: 4.249 min
Delta R.T.: -0.007 min
Response: 554301
Conc: 0.01 ng/ml



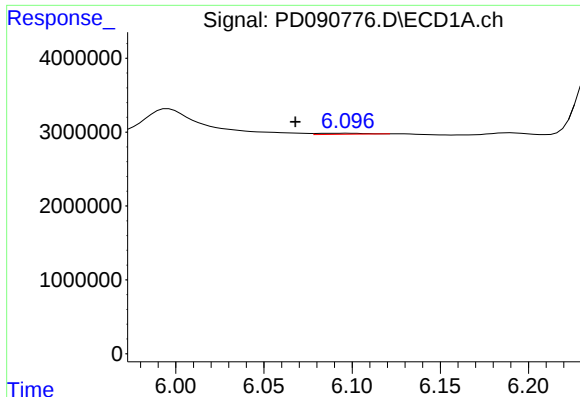
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: -0.007 min
Response: 5156862
Conc: 0.89 ng/ml



#8 Heptachlor epoxide

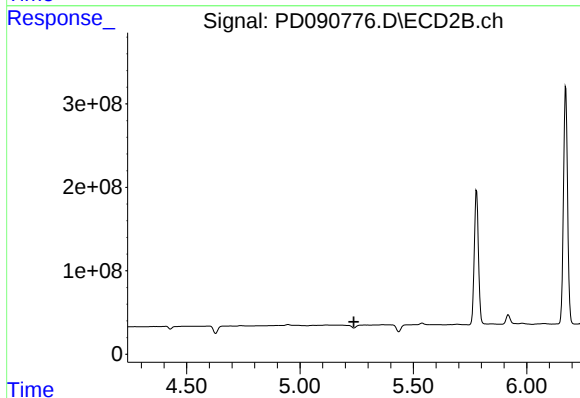
R.T.: 0.000 min
Exp R.T. : 4.864 min
Response: 0
Conc: N.D.



#9 Endosulfan I

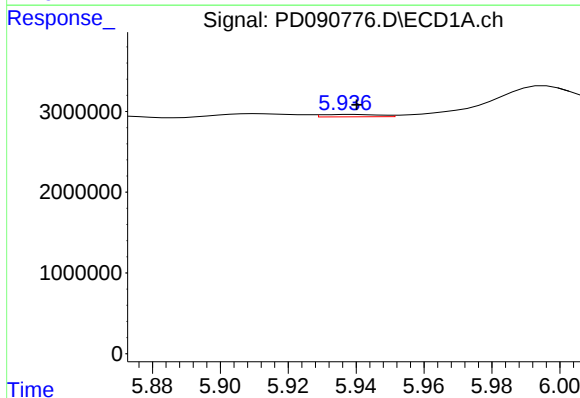
R.T.: 6.098 min
Delta R.T.: 0.030 min
Response: 285002
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



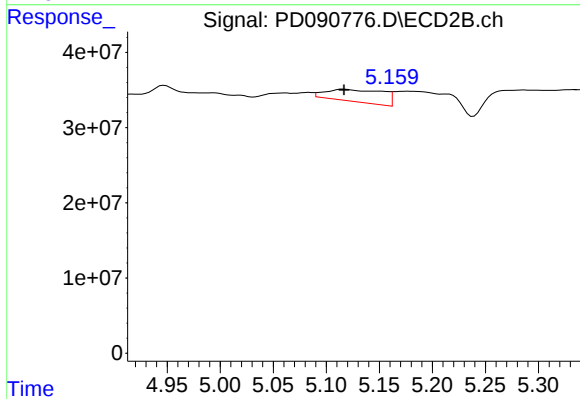
#9 Endosulfan I

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



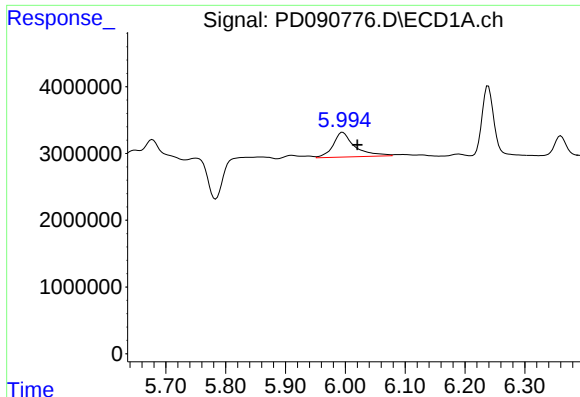
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.001 min
Response: 342631
Conc: 0.06 ng/ml



#10 gamma-Chlordane

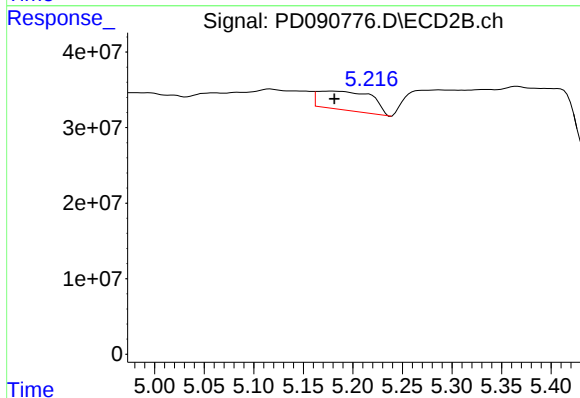
R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 60827299
Conc: 1.35 ng/ml



#11 alpha-Chlordane

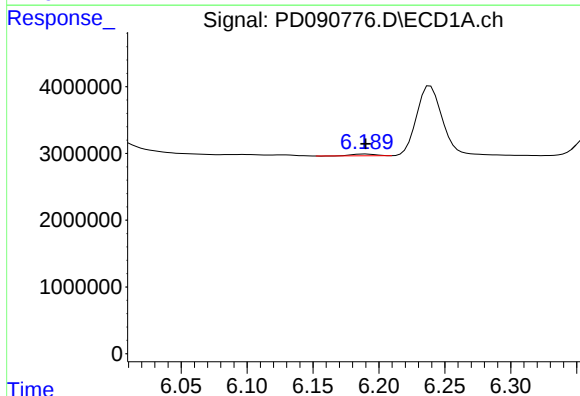
R.T.: 5.996 min
Delta R.T.: -0.025 min
Response: 9318798
Conc: 1.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



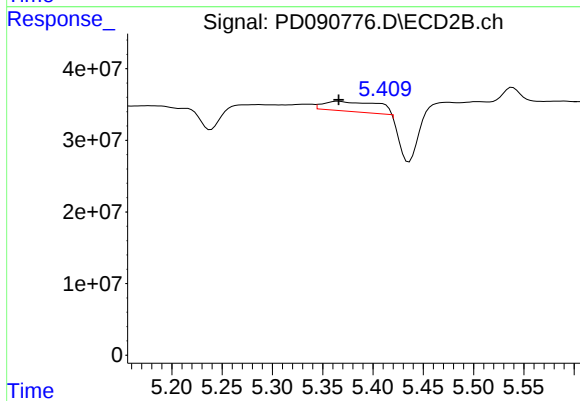
#11 alpha-Chlordane

R.T.: 5.178 min
Delta R.T.: -0.003 min
Response: 95080677
Conc: 2.20 ng/ml



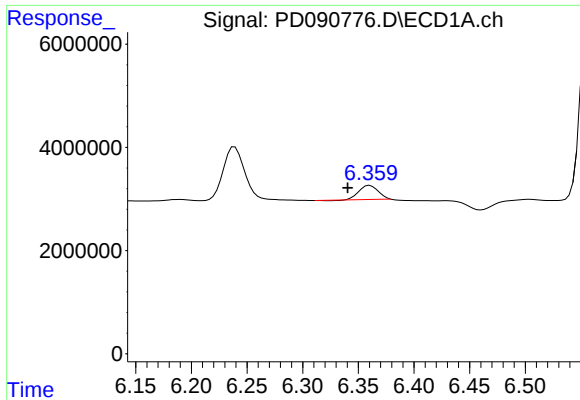
#12 4,4'-DDE

R.T.: 6.190 min
Delta R.T.: 0.000 min
Response: 326034
Conc: 0.06 ng/ml



#12 4,4'-DDE

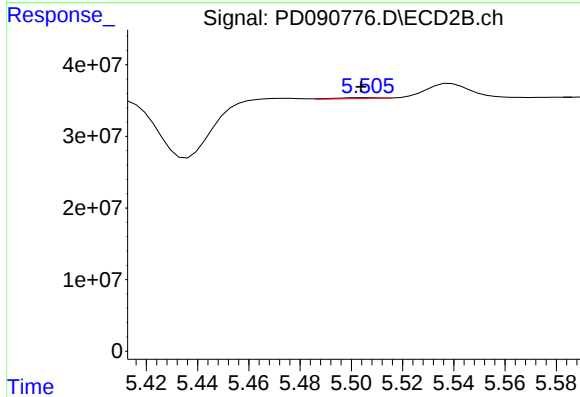
R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 52044970
Conc: 1.19 ng/ml



#13 Dieldrin

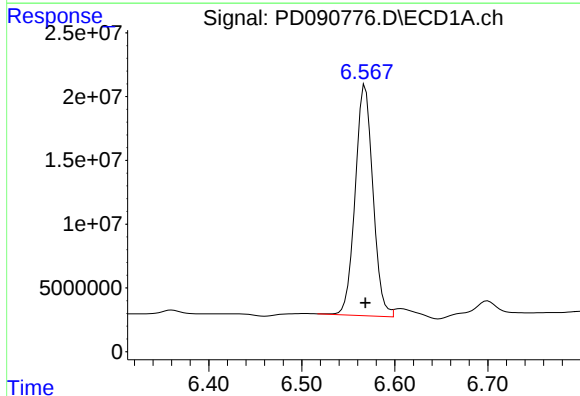
R.T.: 6.360 min
Delta R.T.: 0.020 min
Response: 3230127
Conc: 0.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



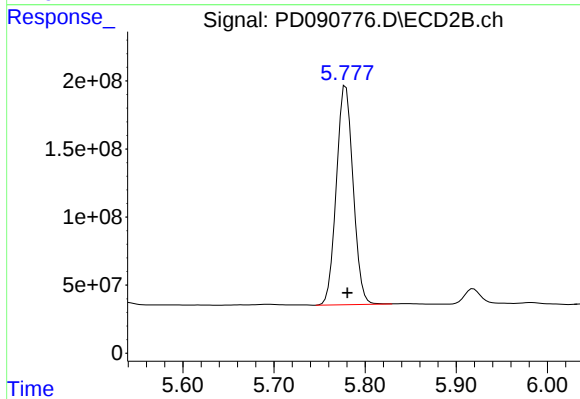
#13 Dieldrin

R.T.: 5.506 min
Delta R.T.: 0.002 min
Response: 1460279
Conc: 0.03 ng/ml



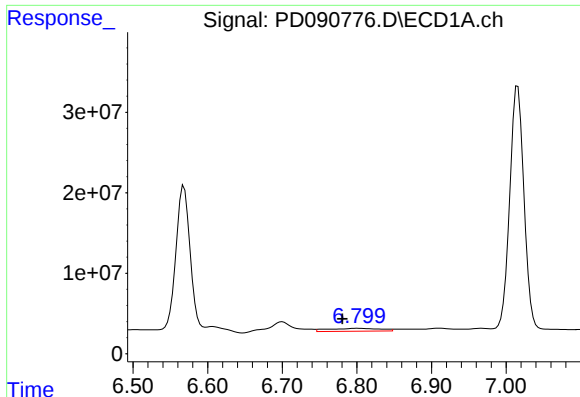
#14 Endrin

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 239991902
Conc: 48.45 ng/ml



#14 Endrin

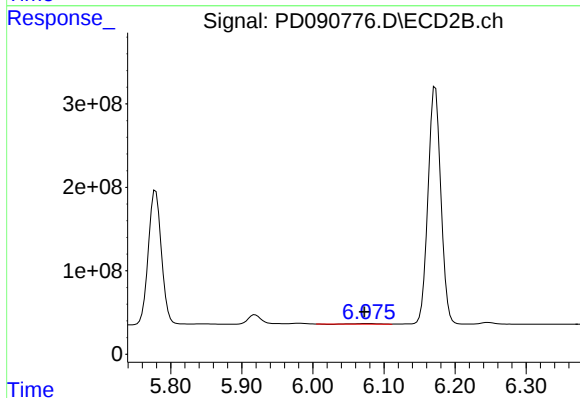
R.T.: 5.779 min
Delta R.T.: -0.002 min
Response: 2052870622
Conc: 50.70 ng/ml



#15 Endosulfan II

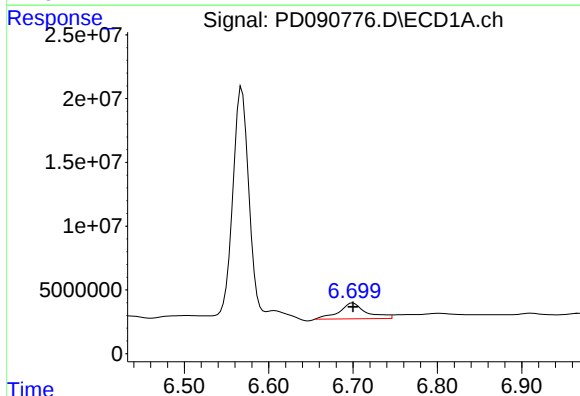
R.T.: 6.801 min
Delta R.T.: 0.020 min
Response: 17568918
Conc: 3.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



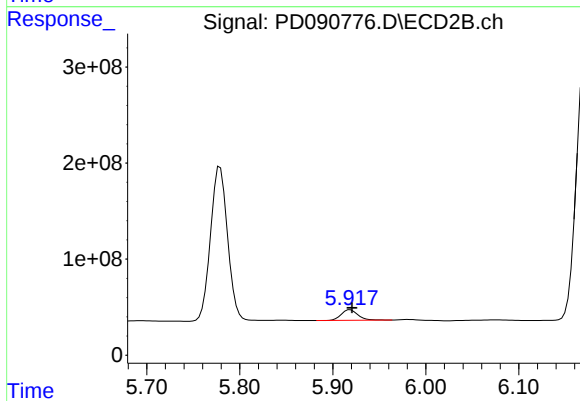
#15 Endosulfan II

R.T.: 6.076 min
Delta R.T.: 0.004 min
Response: 9305558
Conc: 0.25 ng/ml



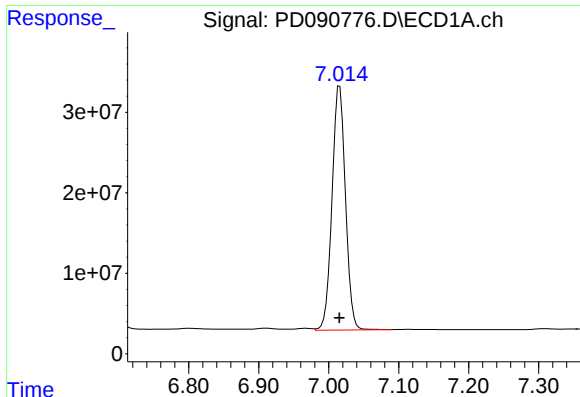
#16 4,4'-DDD

R.T.: 6.700 min
Delta R.T.: 0.000 min
Response: 28022444
Conc: 6.91 ng/ml



#16 4,4'-DDD

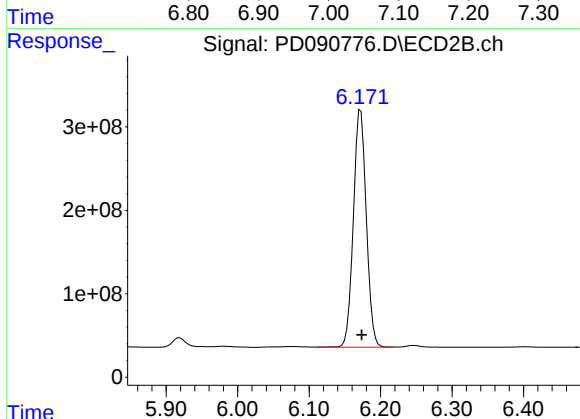
R.T.: 5.919 min
Delta R.T.: -0.002 min
Response: 138414214
Conc: 3.80 ng/ml



#17 4,4'-DDT

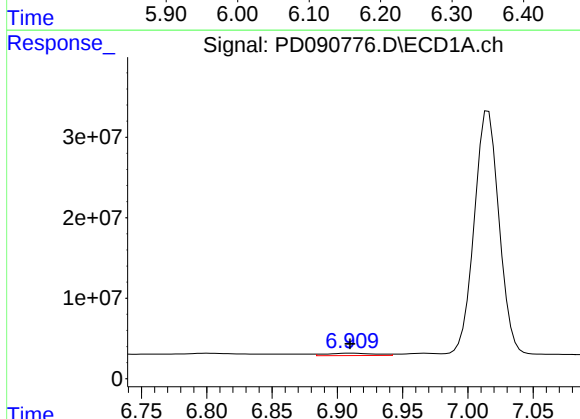
R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 404041246
Conc: 98.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



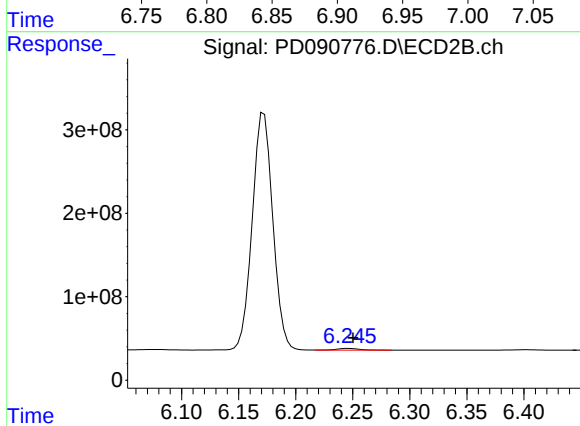
#17 4,4'-DDT

R.T.: 6.172 min
Delta R.T.: -0.002 min
Response: 3574649415
Conc: 101.92 ng/ml



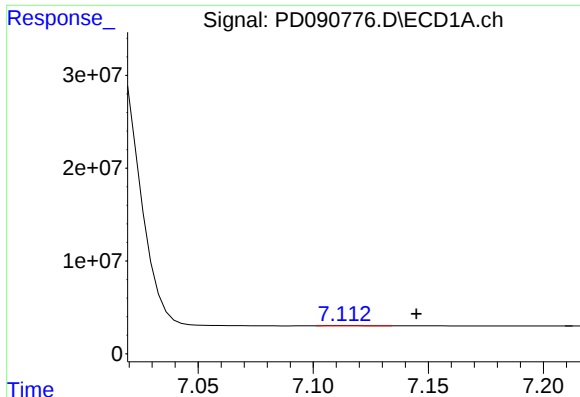
#18 Endrin aldehyde

R.T.: 6.911 min
Delta R.T.: 0.001 min
Response: 7655029
Conc: 2.09 ng/ml



#18 Endrin aldehyde

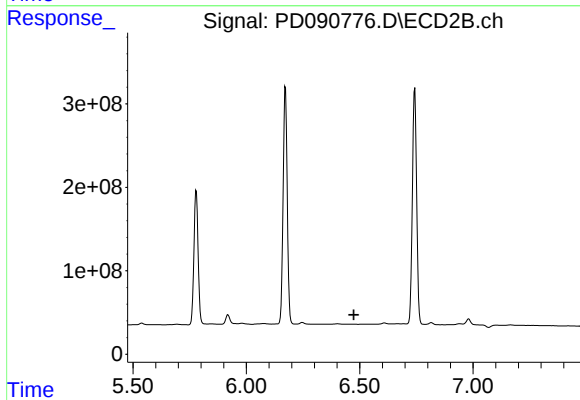
R.T.: 6.247 min
Delta R.T.: -0.004 min
Response: 28132388
Conc: 1.02 ng/ml



#19 Endosulfan Sulfate

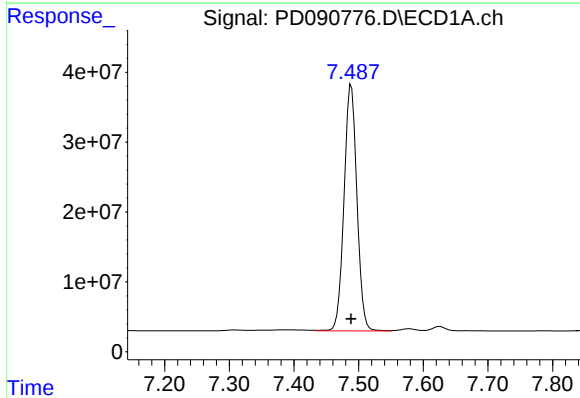
R.T.: 7.114 min
Delta R.T.: -0.031 min
Response: 154534
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



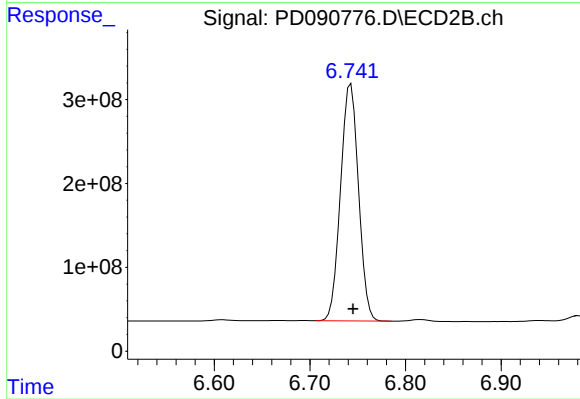
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 6.474 min
Response: 0
Conc: N.D.



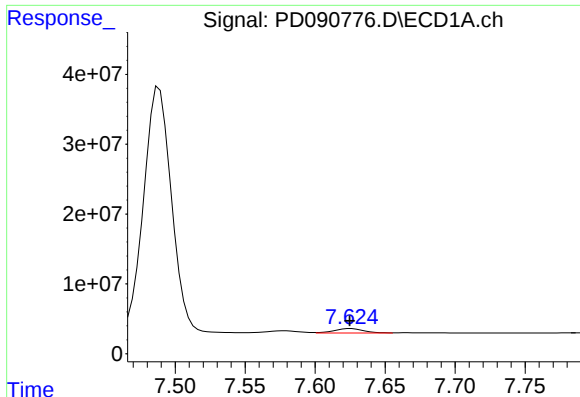
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 489204792
Conc: 230.15 ng/ml



#20 Methoxychlor

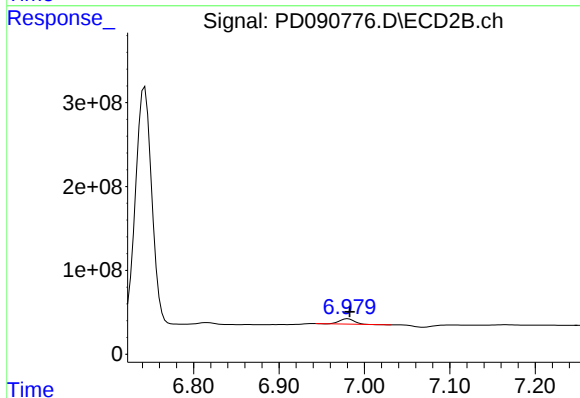
R.T.: 6.743 min
Delta R.T.: -0.002 min
Response: 3699159084
Conc: 212.26 ng/ml



#21 Endrin ketone

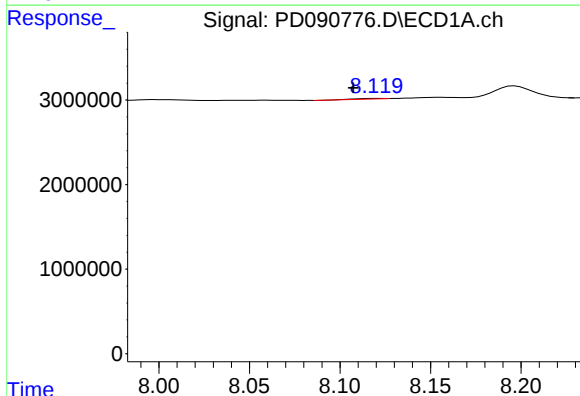
R.T.: 7.626 min
Delta R.T.: 0.000 min
Response: 9080276
Conc: 1.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



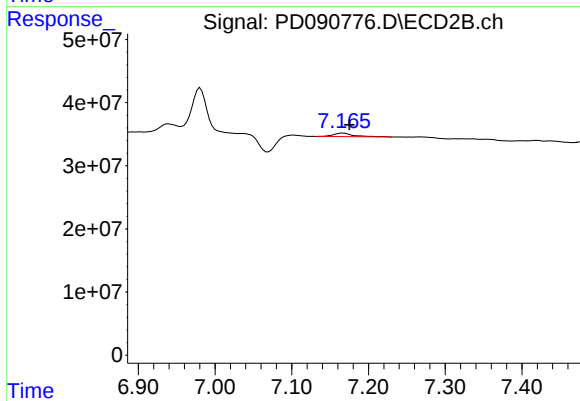
#21 Endrin ketone

R.T.: 6.981 min
Delta R.T.: -0.002 min
Response: 74975964
Conc: 1.99 ng/ml



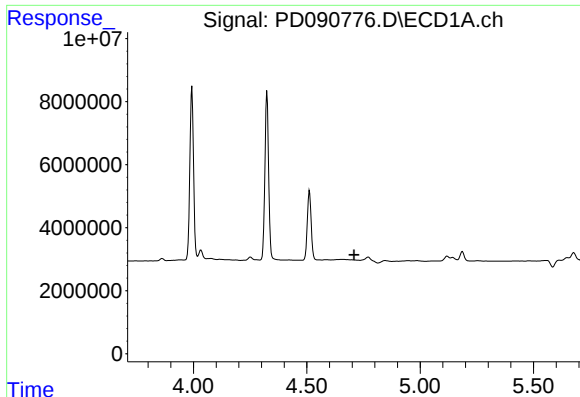
#22 Mirex

R.T.: 8.120 min
Delta R.T.: 0.013 min
Response: 64440
Conc: 0.02 ng/ml



#22 Mirex

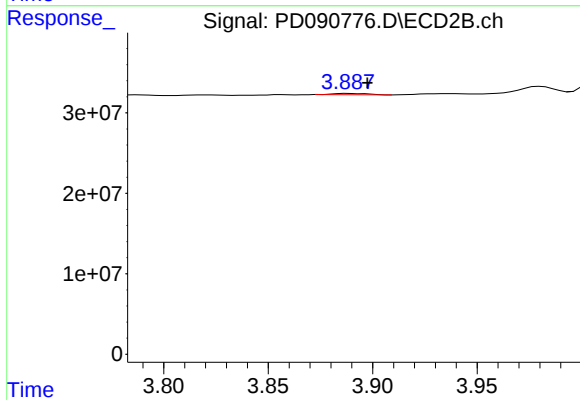
R.T.: 7.166 min
Delta R.T.: -0.009 min
Response: 10234305
Conc: 0.40 ng/ml



#23 Chlordane-1

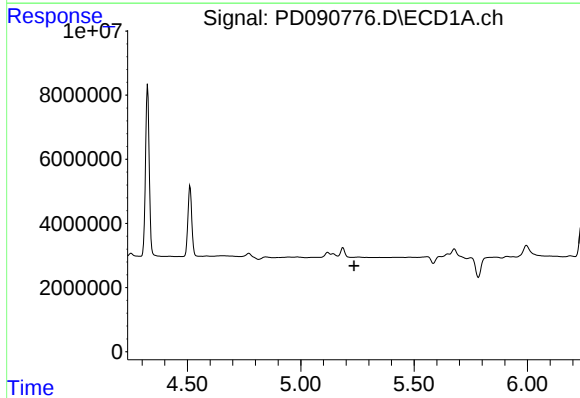
R.T.: 0.000 min
Exp R.T.: 4.709 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



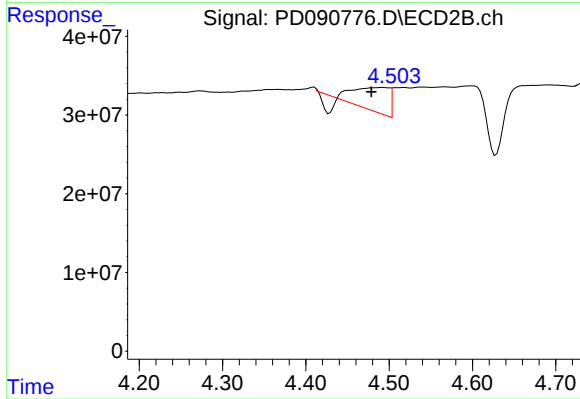
#23 Chlordane-1

R.T.: 3.888 min
Delta R.T.: -0.009 min
Response: 1827082
Conc: 1.47 ng/ml



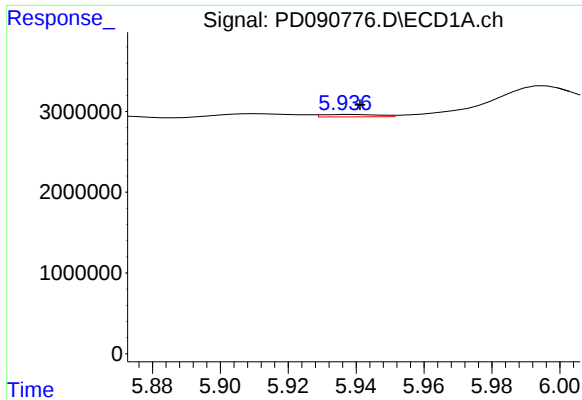
#24 Chlordane-2

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



#24 Chlordane-2

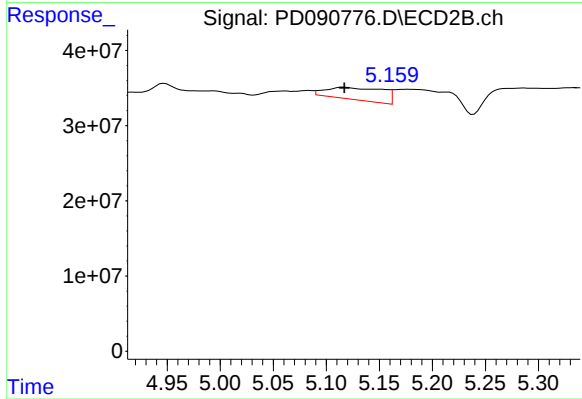
R.T.: 4.492 min
Delta R.T.: 0.013 min
Response: 78147890
Conc: 59.91 ng/ml



#25 Chlordane-3

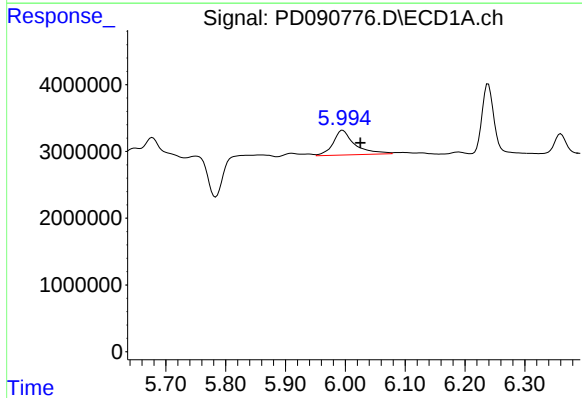
R.T.: 5.939 min
Delta R.T.: -0.002 min
Response: 342631
Conc: 0.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



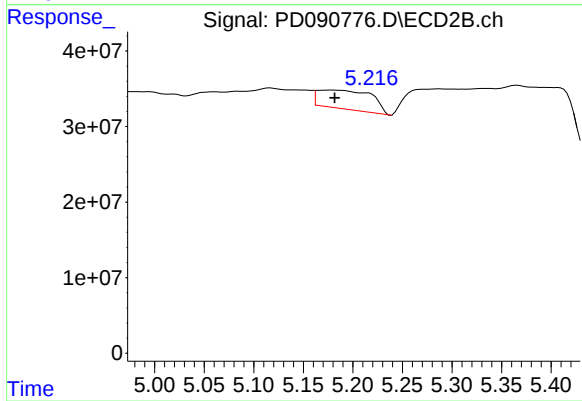
#25 Chlordane-3

R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 60827299
Conc: 15.63 ng/ml



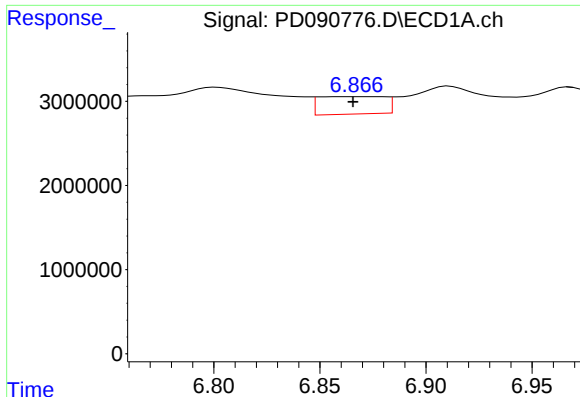
#26 Chlordane-4

R.T.: 5.996 min
Delta R.T.: -0.030 min
Response: 9318798
Conc: 9.62 ng/ml



#26 Chlordane-4

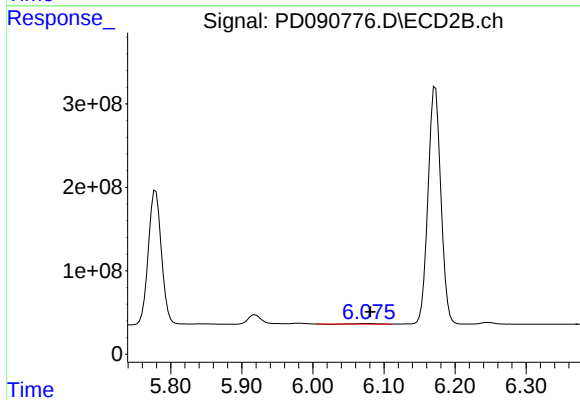
R.T.: 5.178 min
Delta R.T.: -0.004 min
Response: 95080677
Conc: 28.46 ng/ml



#27 Chlordane-5

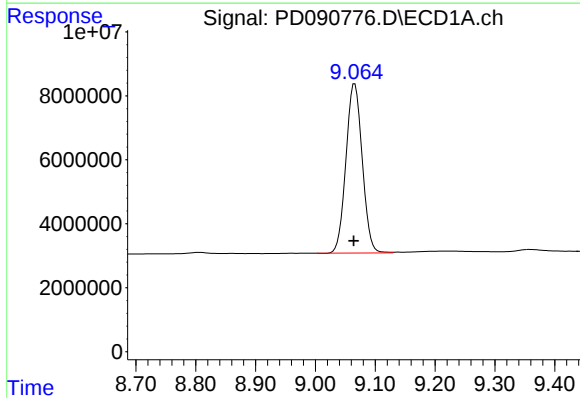
R.T.: 6.868 min
Delta R.T.: 0.002 min
Response: 4483206
Conc: 29.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



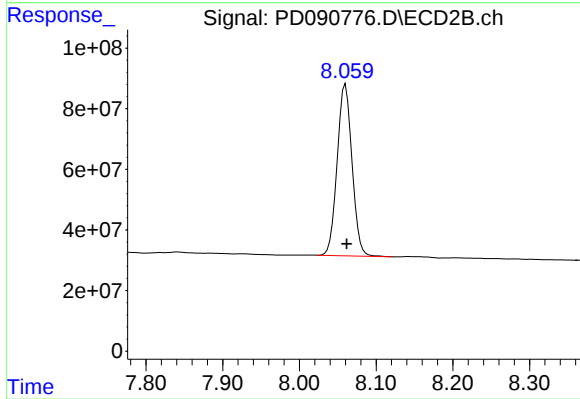
#27 Chlordane-5

R.T.: 6.076 min
Delta R.T.: -0.005 min
Response: 9305558
Conc: 6.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.066 min
Delta R.T.: 0.002 min
Response: 99943602
Conc: 21.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 762594665
Conc: 25.18 ng/ml