

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050125\
 Data File : PD088365.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 May 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: May 02 01:29:40 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 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...	3.550	2.881	43448141	308.3E6	21.752	21.087
28)	SA Decachlor...	9.073	8.074	68576859	346.2E6	20.730	18.735
Target Compounds							
2)	A alpha-BHC	3.999	3.394	42616762	248.5E6	9.883	10.869
3)	MA gamma-BHC...	4.330	3.730	43374936	232.2E6	10.358	10.783
4)	MA Heptachlor	0.000	4.085	0	1112229	N.D.	0.052 #
5)	MB Aldrin	5.252f	4.363	318886	2653285	0.081	0.128 #
6)	B beta-BHC	4.515	4.026	18491809	103.9E6	11.391	11.232
7)	B delta-BHC	4.779	4.260	2761522	775667	0.669	0.036 #
8)	B Heptachlo...	5.674f	4.880	259049	443892	0.072	0.023 #
9)	A Endosulfan I	6.066	5.233f	202080	2270322	0.060	0.126 #
10)	B gamma-Chl...	5.946	5.128	1158053	23286522	0.320	1.147 #
11)	B alpha-Chl...	6.031	5.190	2060078	6228847	0.571	0.318 #
12)	B 4,4'-DDE	6.198	5.377	281620	7971333	0.085	0.405 #
13)	MA Dieldrin	6.366f	5.533f	1262290	307817	0.354	0.015 #
14)	MA Endrin	6.575	5.790	159.1E6	854.8E6	53.330	46.959
15)	B Endosulfa...	6.770f	6.088	243482	3657498	0.078	0.209 #
16)	A 4,4'-DDD	6.704	5.931	13052833	90993867	5.190	5.553
17)	MA 4,4'-DDT	7.021	6.185	266.4E6	1428.1E6	95.918	83.922
18)	B Endrin al...	6.917	6.258	1201765	10551742	0.521	0.793 #
19)	B Endosulfa...	0.000	6.496	0	255373	N.D.	0.015 #
20)	A Methoxychlor	7.493	6.755	334.9E6	1537.1E6	223.313	168.522
21)	B Endrin ke...	7.630	6.991	3810116	33724575	1.234	1.803 #
22)	Mirex	0.000	7.178	0	2587125	N.D.	0.175 #
23)	Chlordane-1	0.000	3.906	0	578377	N.D.	0.721 #
24)	Chlordane-2	5.252	4.487	318886	4978146	1.915	6.032 #
25)	Chlordane-3	5.946	5.128	1158053	23286522	1.717	9.208 #
26)	Chlordane-4	6.031	5.190	2060078	6228847	2.527	2.913
27)	Chlordane-5	6.869	6.088	178564	3657498	1.314	3.788 #

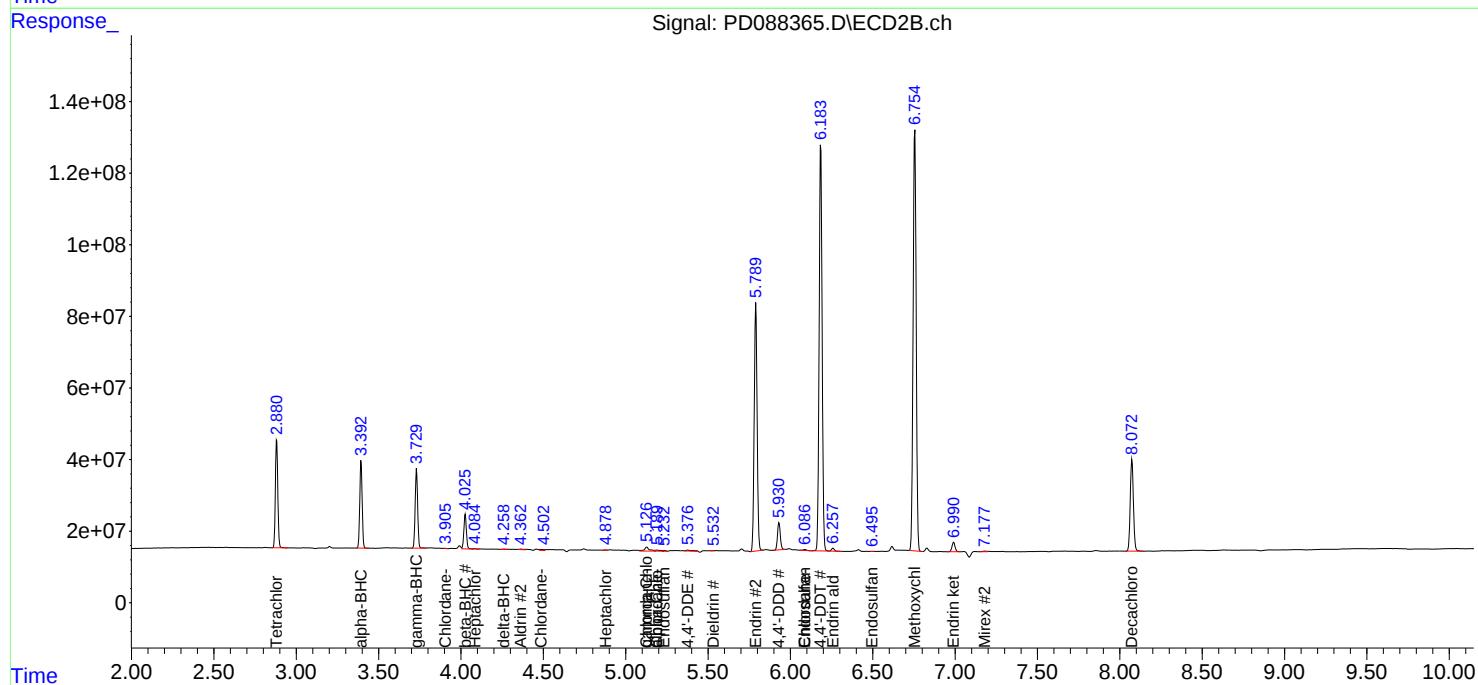
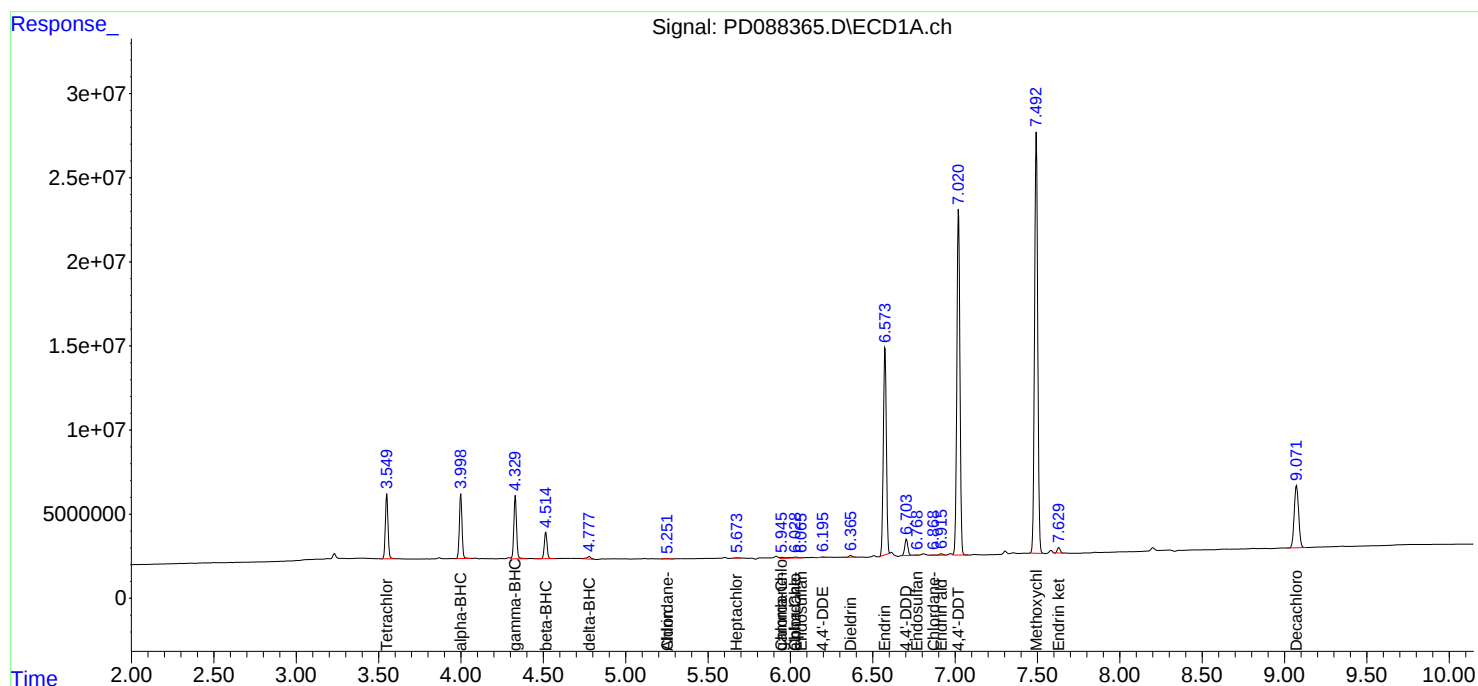
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

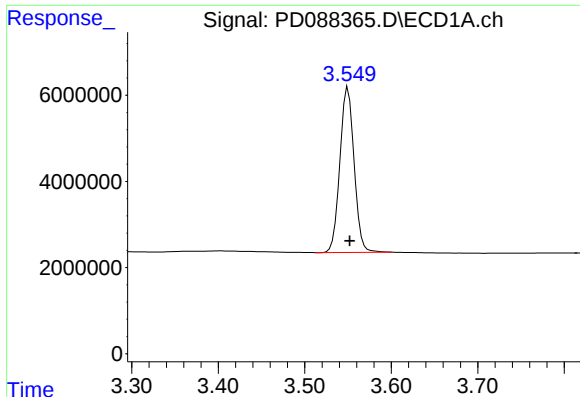
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050125\
Data File : PD088365.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 May 2025 09:55
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 01:29:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 2025
Response via : Initial Calibration
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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

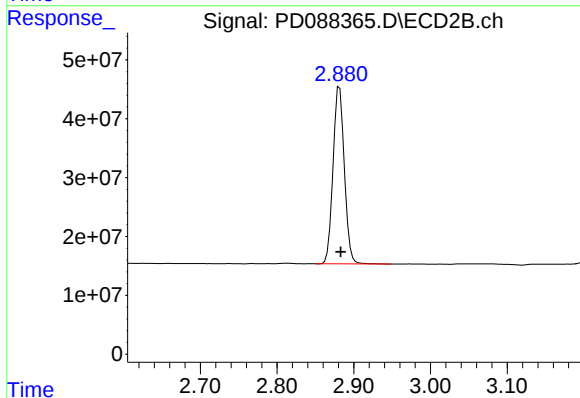




#1 Tetrachloro-m-xylene

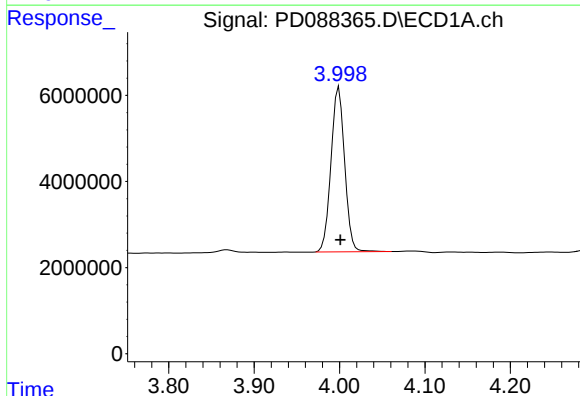
R.T.: 3.550 min
Delta R.T.: -0.002 min
Response: 43448141
Conc: 21.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



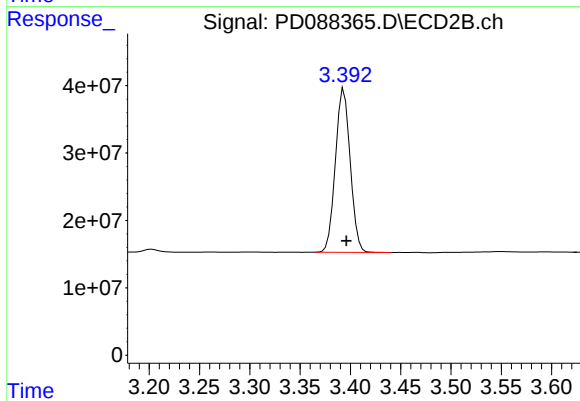
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: -0.002 min
Response: 308329191
Conc: 21.09 ng/ml



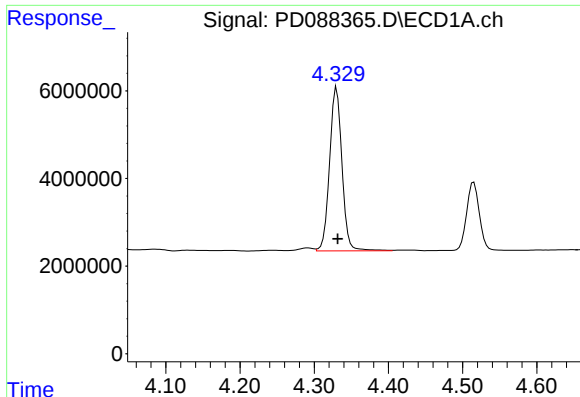
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: -0.002 min
Response: 42616762
Conc: 9.88 ng/ml



#2 alpha-BHC

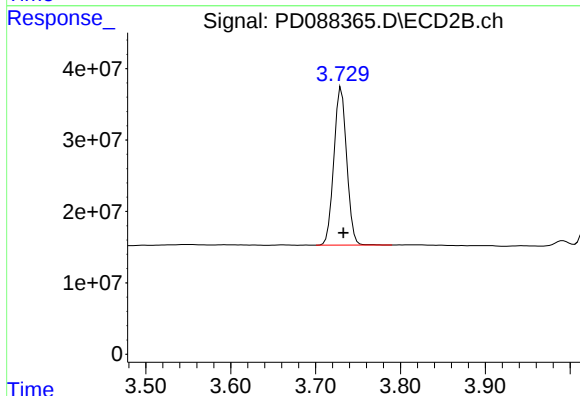
R.T.: 3.394 min
Delta R.T.: -0.002 min
Response: 248488685
Conc: 10.87 ng/ml



#3 gamma-BHC (Lindane)

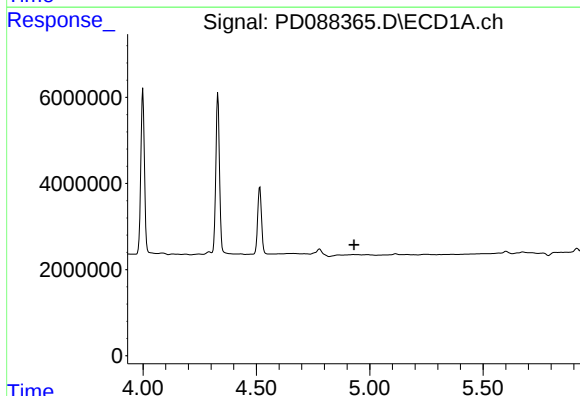
R.T.: 4.330 min
Delta R.T.: -0.002 min
Response: 43374936
Conc: 10.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



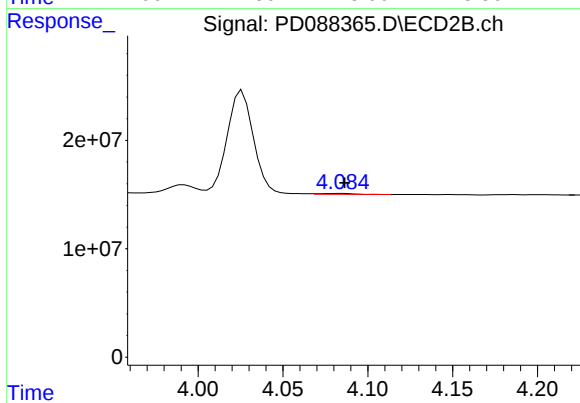
#3 gamma-BHC (Lindane)

R.T.: 3.730 min
Delta R.T.: -0.003 min
Response: 232248412
Conc: 10.78 ng/ml



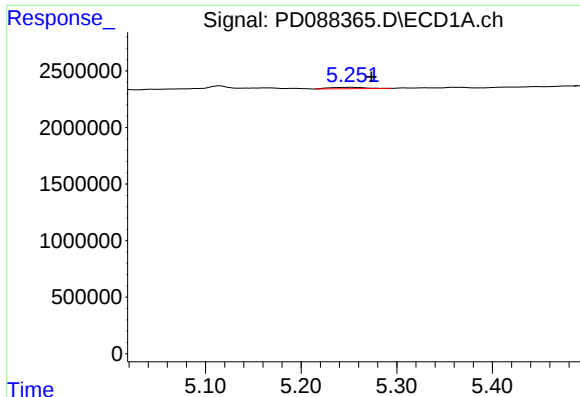
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.931 min
Response: 0
Conc: N.D.



#4 Heptachlor

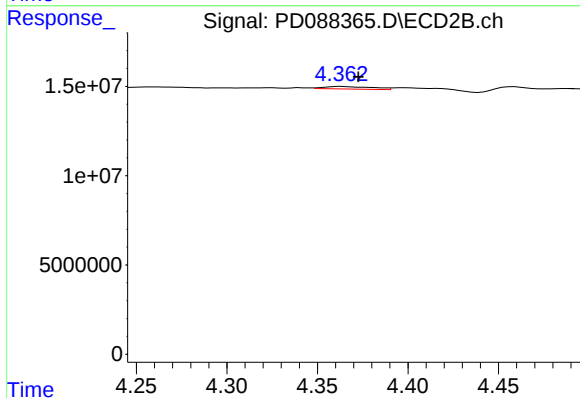
R.T.: 4.085 min
Delta R.T.: -0.001 min
Response: 1112229
Conc: 0.05 ng/ml



#5 Aldrin

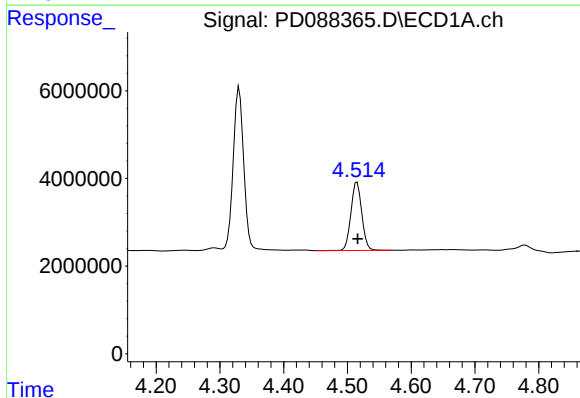
R.T.: 5.252 min
Delta R.T.: -0.021 min
Response: 318886
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



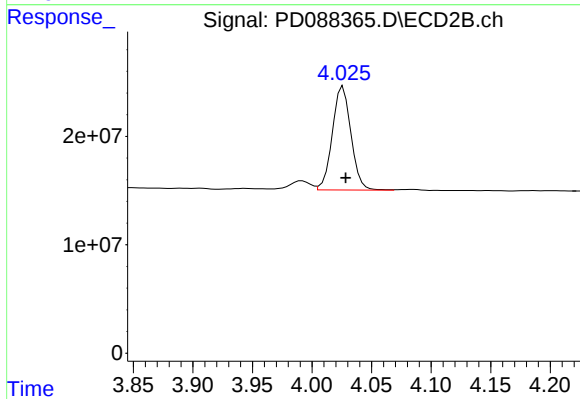
#5 Aldrin

R.T.: 4.363 min
Delta R.T.: -0.009 min
Response: 2653285
Conc: 0.13 ng/ml



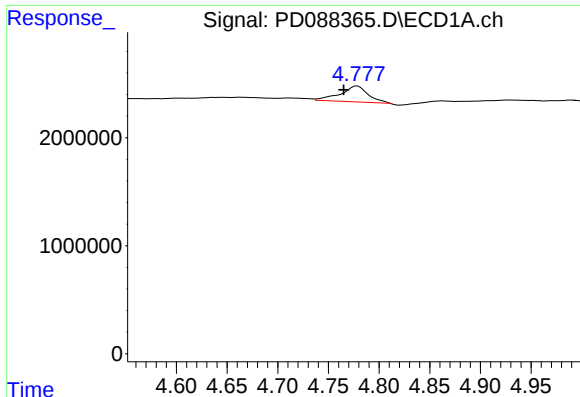
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 18491809
Conc: 11.39 ng/ml



#6 beta-BHC

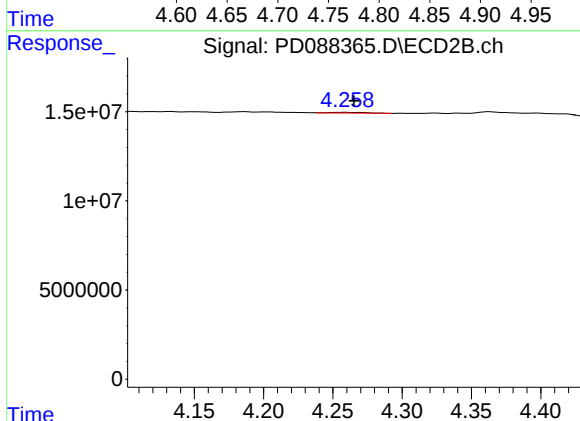
R.T.: 4.026 min
Delta R.T.: -0.002 min
Response: 103939678
Conc: 11.23 ng/ml



#7 delta-BHC

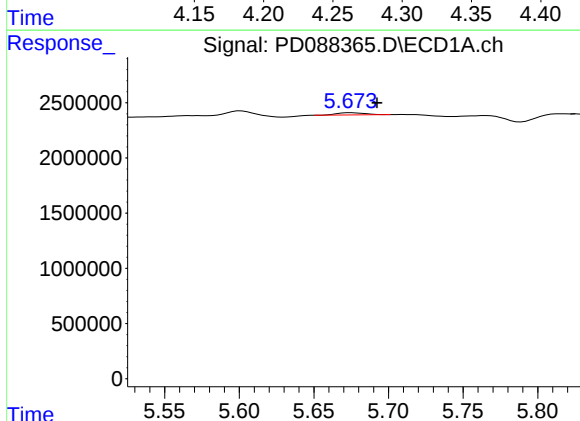
R.T.: 4.779 min
Delta R.T.: 0.013 min
Response: 2761522
Conc: 0.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



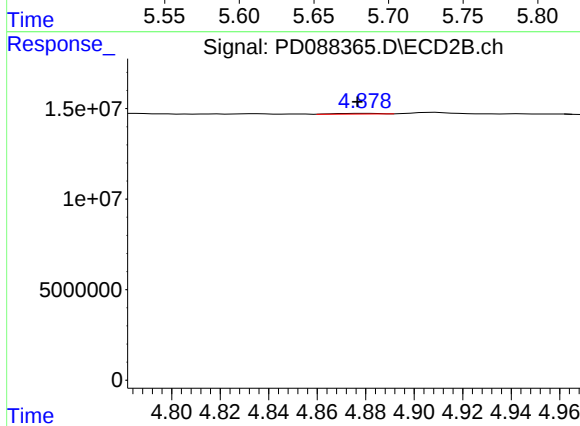
#7 delta-BHC

R.T.: 4.260 min
Delta R.T.: -0.006 min
Response: 775667
Conc: 0.04 ng/ml



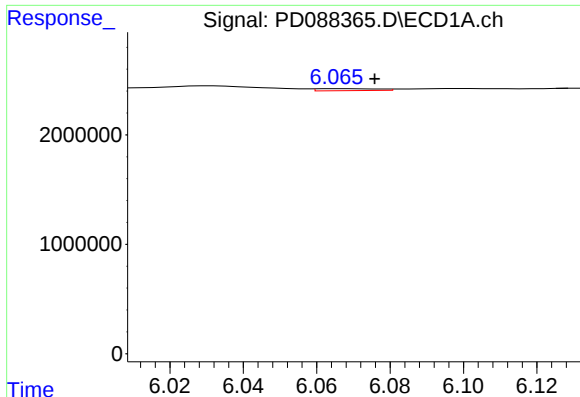
#8 Heptachlor epoxide

R.T.: 5.674 min
Delta R.T.: -0.018 min
Response: 259049
Conc: 0.07 ng/ml



#8 Heptachlor epoxide

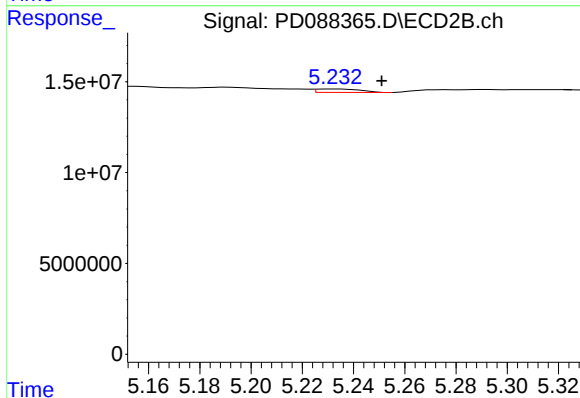
R.T.: 4.880 min
Delta R.T.: 0.003 min
Response: 443892
Conc: 0.02 ng/ml



#9 Endosulfan I

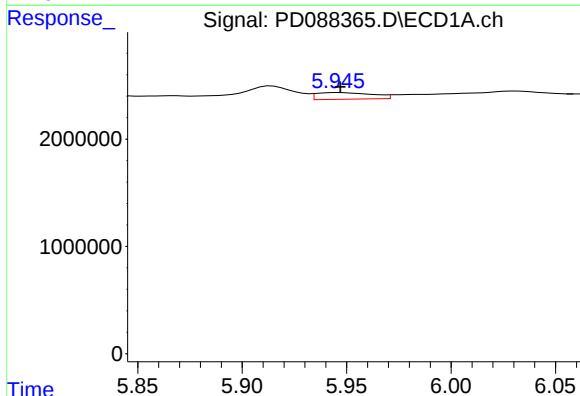
R.T.: 6.066 min
Delta R.T.: -0.010 min
Response: 202080
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



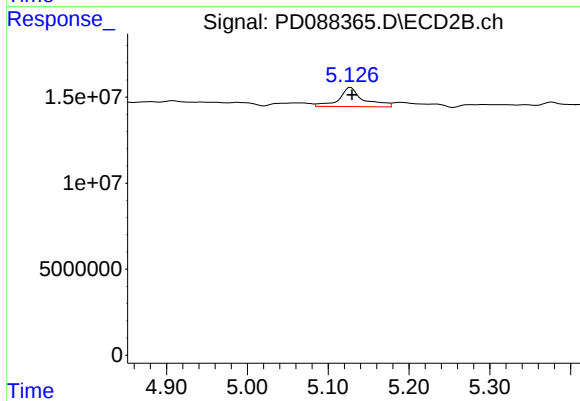
#9 Endosulfan I

R.T.: 5.233 min
Delta R.T.: -0.018 min
Response: 2270322
Conc: 0.13 ng/ml



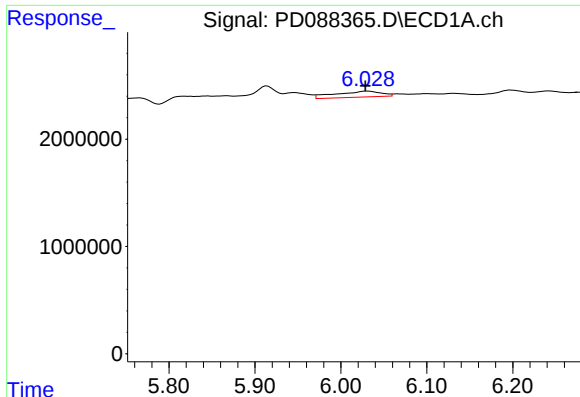
#10 gamma-Chlordane

R.T.: 5.946 min
Delta R.T.: -0.001 min
Response: 1158053
Conc: 0.32 ng/ml



#10 gamma-Chlordane

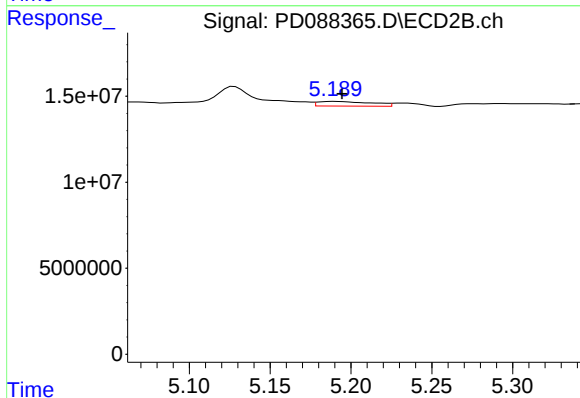
R.T.: 5.128 min
Delta R.T.: -0.002 min
Response: 23286522
Conc: 1.15 ng/ml



#11 alpha-Chlordane

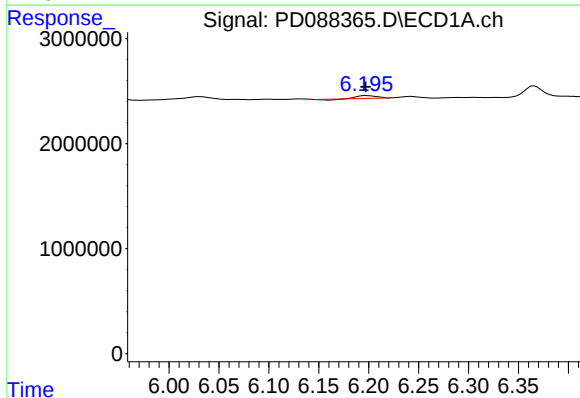
R.T.: 6.031 min
Delta R.T.: 0.003 min
Response: 2060078
Conc: 0.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



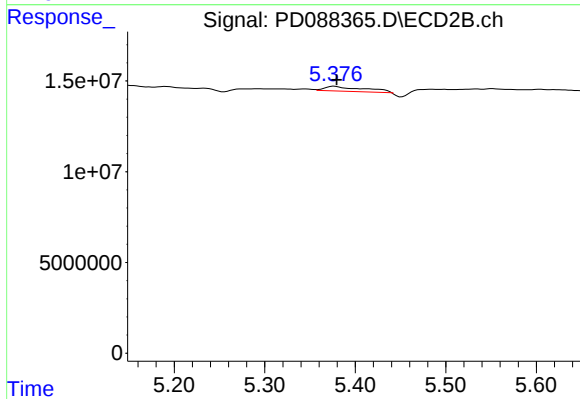
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: -0.004 min
Response: 6228847
Conc: 0.32 ng/ml



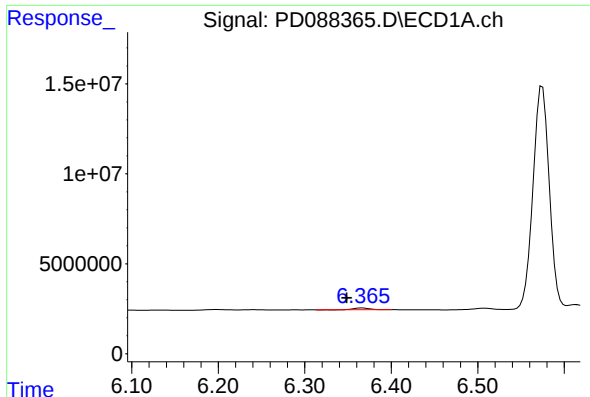
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 281620
Conc: 0.09 ng/ml



#12 4,4'-DDE

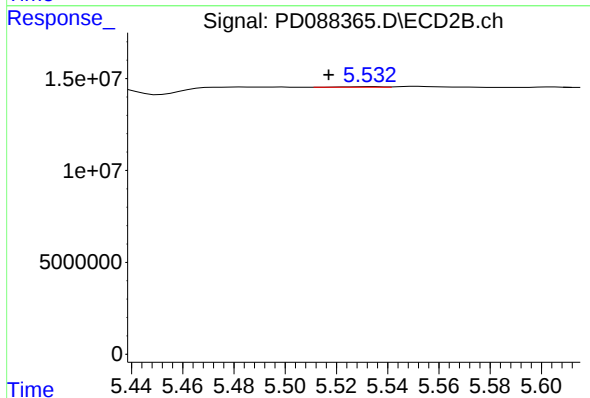
R.T.: 5.377 min
Delta R.T.: -0.002 min
Response: 7971333
Conc: 0.40 ng/ml



#13 Dieldrin

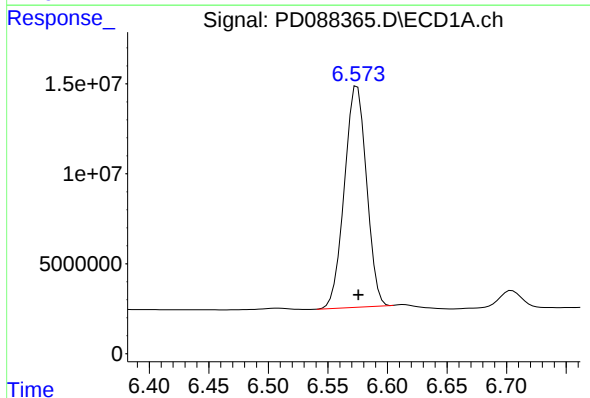
R.T.: 6.366 min
Delta R.T.: 0.017 min
Response: 1262290
Conc: 0.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



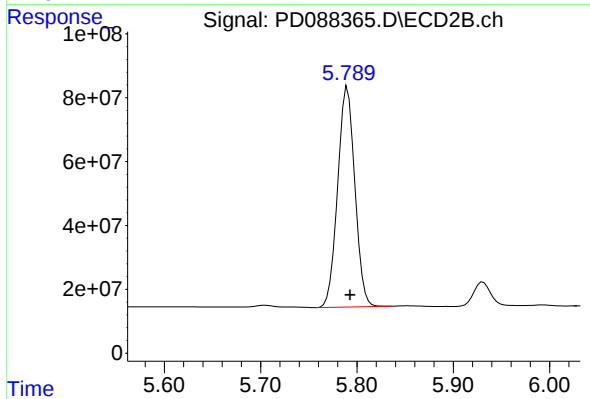
#13 Dieldrin

R.T.: 5.533 min
Delta R.T.: 0.016 min
Response: 307817
Conc: 0.02 ng/ml



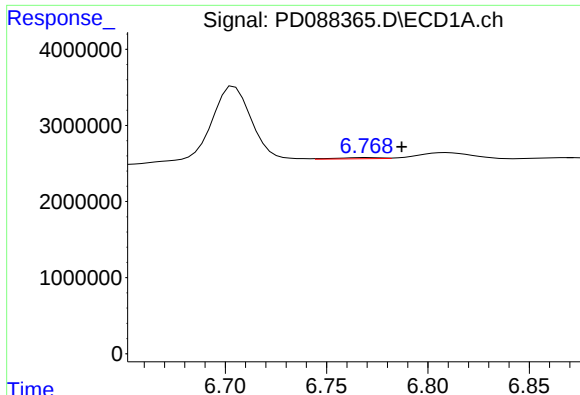
#14 Endrin

R.T.: 6.575 min
Delta R.T.: -0.001 min
Response: 159059782
Conc: 53.33 ng/ml



#14 Endrin

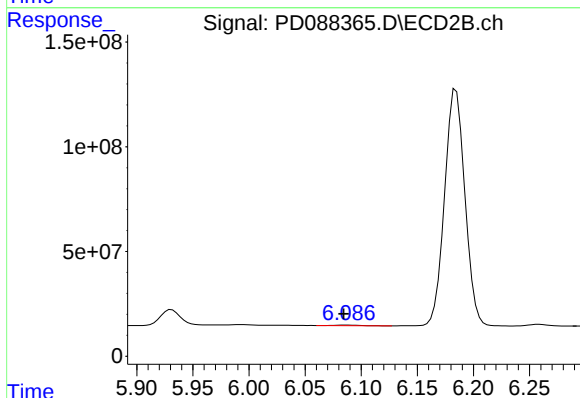
R.T.: 5.790 min
Delta R.T.: -0.003 min
Response: 854765800
Conc: 46.96 ng/ml



#15 Endosulfan II

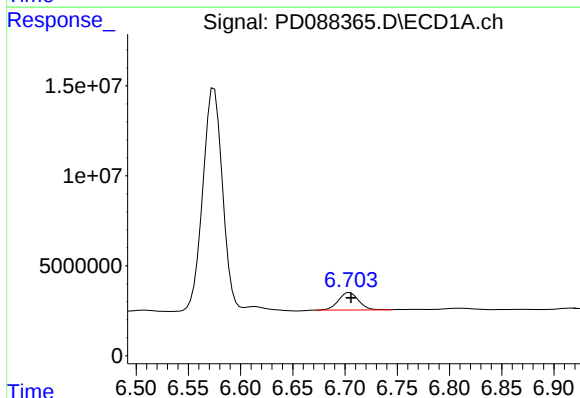
R.T.: 6.770 min
Delta R.T.: -0.017 min
Response: 243482
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



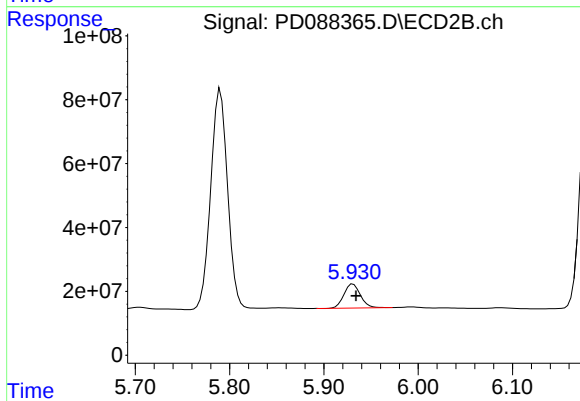
#15 Endosulfan II

R.T.: 6.088 min
Delta R.T.: 0.003 min
Response: 3657498
Conc: 0.21 ng/ml



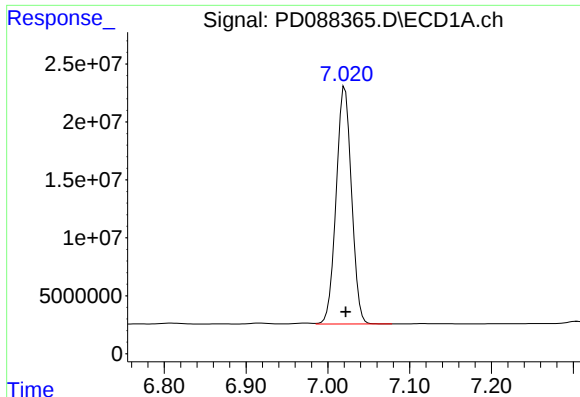
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.001 min
Response: 13052833
Conc: 5.19 ng/ml



#16 4,4'-DDD

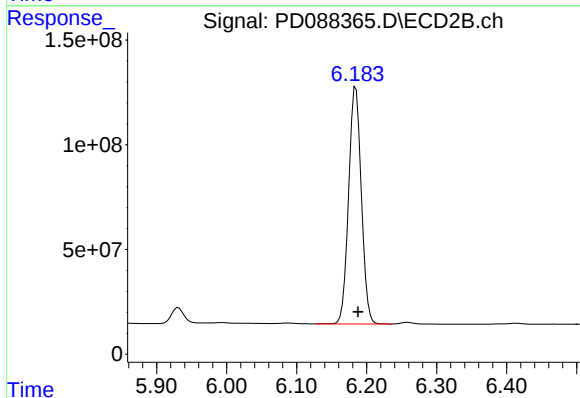
R.T.: 5.931 min
Delta R.T.: -0.003 min
Response: 90993867
Conc: 5.55 ng/ml



#17 4,4'-DDT

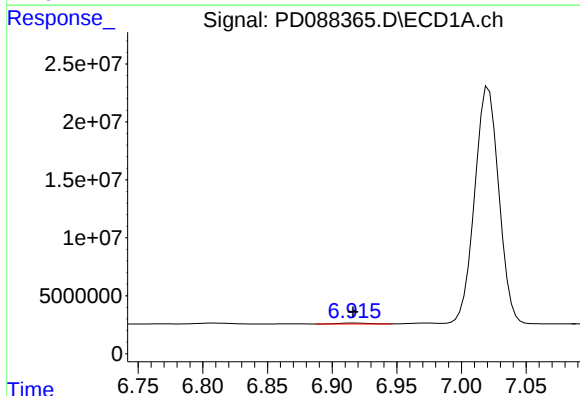
R.T.: 7.021 min
Delta R.T.: -0.001 min
Response: 266416292
Conc: 95.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



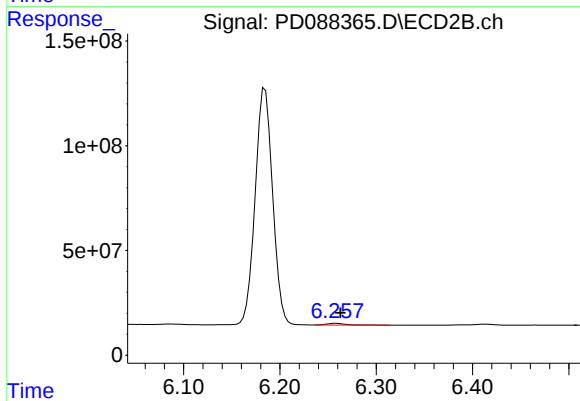
#17 4,4'-DDT

R.T.: 6.185 min
Delta R.T.: -0.003 min
Response: 1428061771
Conc: 83.92 ng/ml



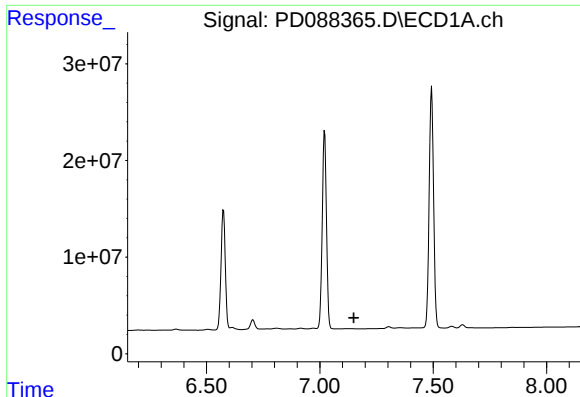
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 1201765
Conc: 0.52 ng/ml



#18 Endrin aldehyde

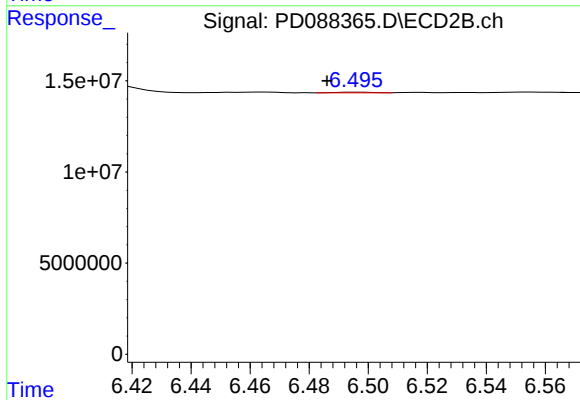
R.T.: 6.258 min
Delta R.T.: -0.005 min
Response: 10551742
Conc: 0.79 ng/ml



#19 Endosulfan Sulfate

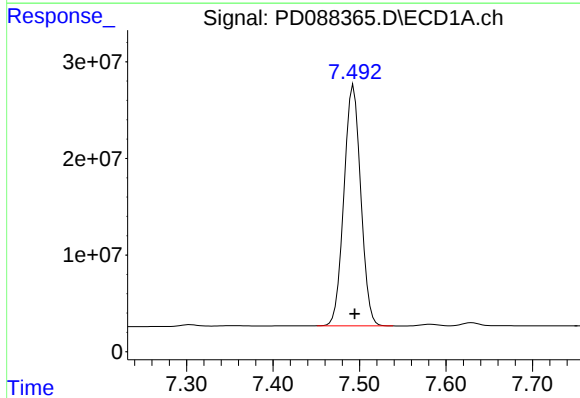
R.T.: 0.000 min
Exp R.T.: 7.150 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



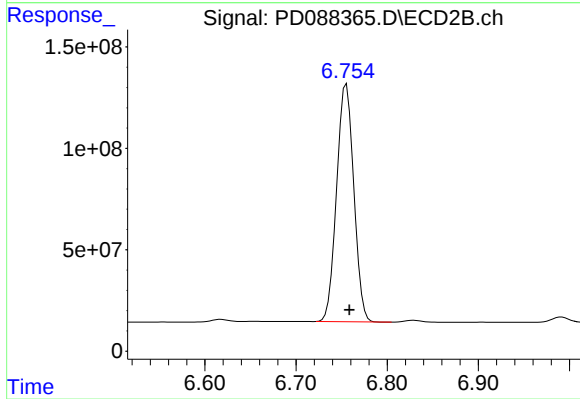
#19 Endosulfan Sulfate

R.T.: 6.496 min
Delta R.T.: 0.010 min
Response: 255373
Conc: 0.01 ng/ml



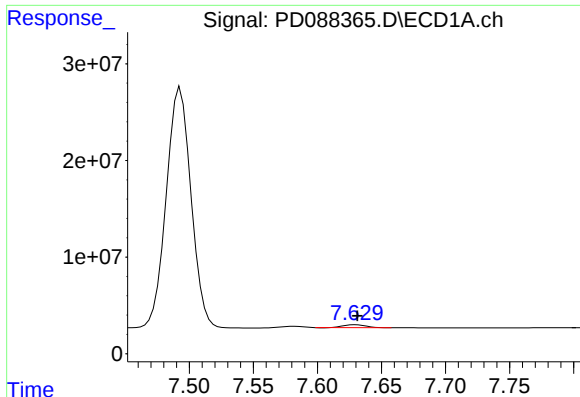
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: -0.002 min
Response: 334868537
Conc: 223.31 ng/ml



#20 Methoxychlor

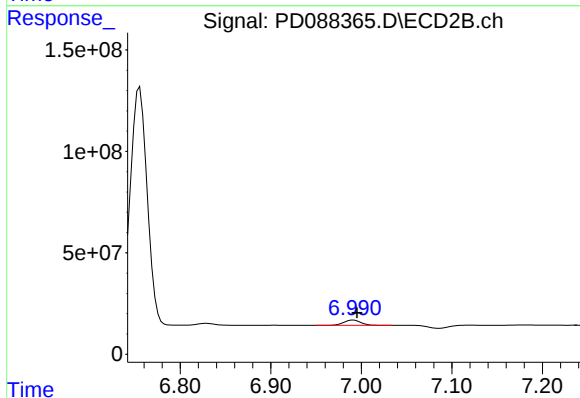
R.T.: 6.755 min
Delta R.T.: -0.003 min
Response: 1537100271
Conc: 168.52 ng/ml



#21 Endrin ketone

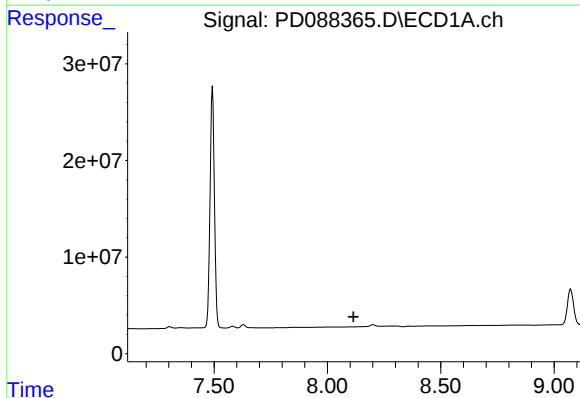
R.T.: 7.630 min
Delta R.T.: -0.001 min
Response: 3810116
Conc: 1.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



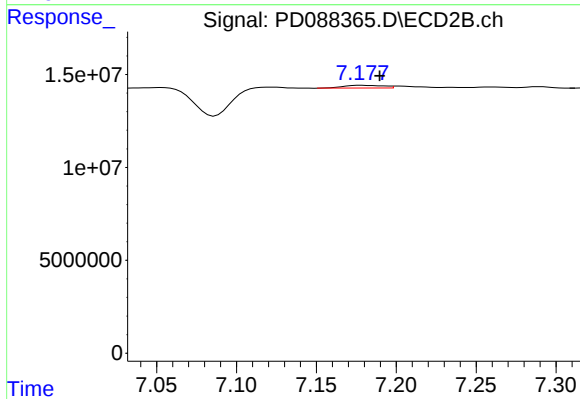
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.004 min
Response: 33724575
Conc: 1.80 ng/ml



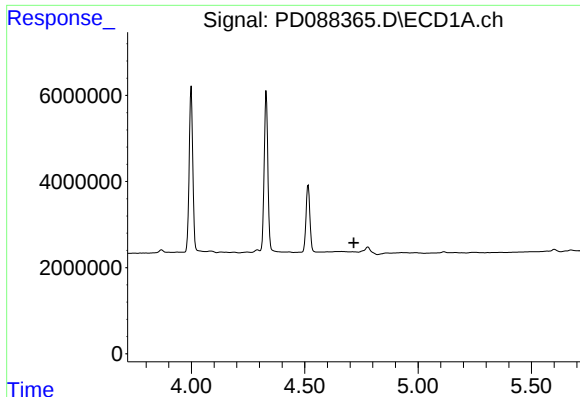
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.115 min
Response: 0
Conc: N.D.



#22 Mirex

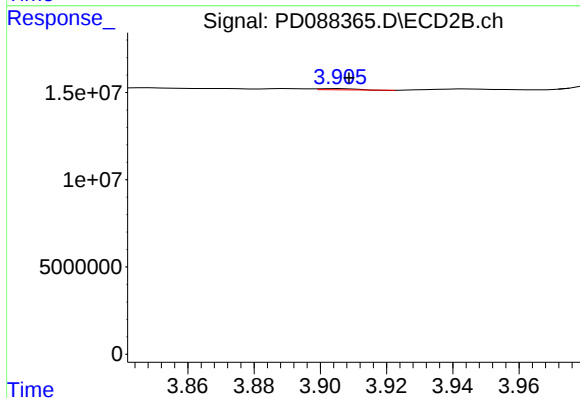
R.T.: 7.178 min
Delta R.T.: -0.011 min
Response: 2587125
Conc: 0.17 ng/ml



#23 Chlordane-1

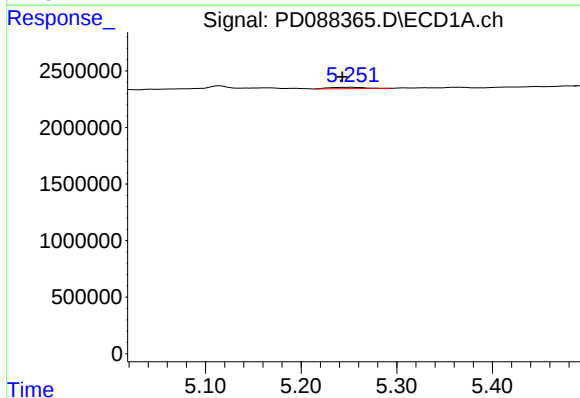
R.T.: 0.000 min
Exp R.T.: 4.717 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



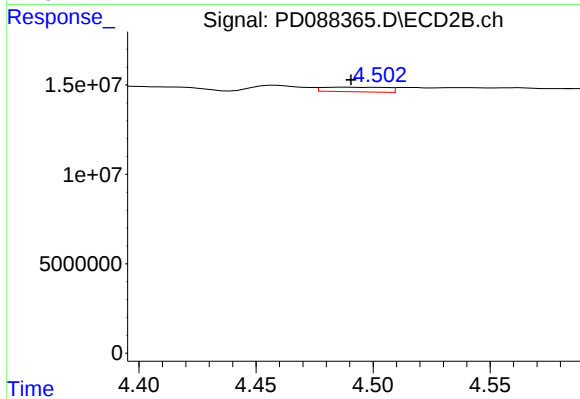
#23 Chlordane-1

R.T.: 3.906 min
Delta R.T.: -0.003 min
Response: 578377
Conc: 0.72 ng/ml



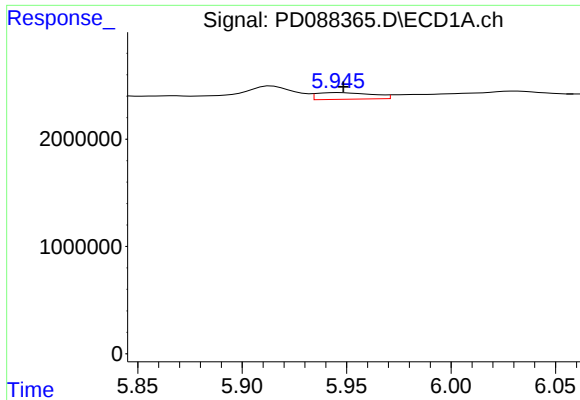
#24 Chlordane-2

R.T.: 5.252 min
Delta R.T.: 0.009 min
Response: 318886
Conc: 1.91 ng/ml



#24 Chlordane-2

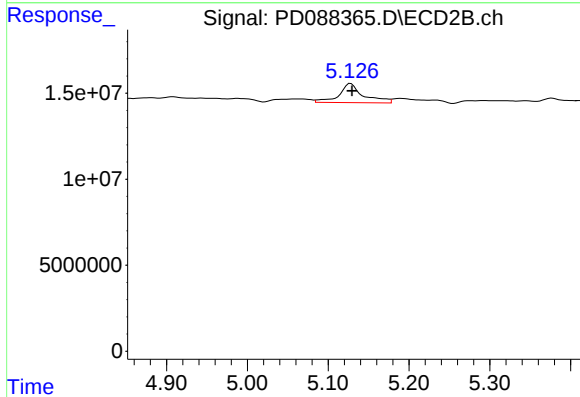
R.T.: 4.487 min
Delta R.T.: -0.003 min
Response: 4978146
Conc: 6.03 ng/ml



#25 Chlordane-3

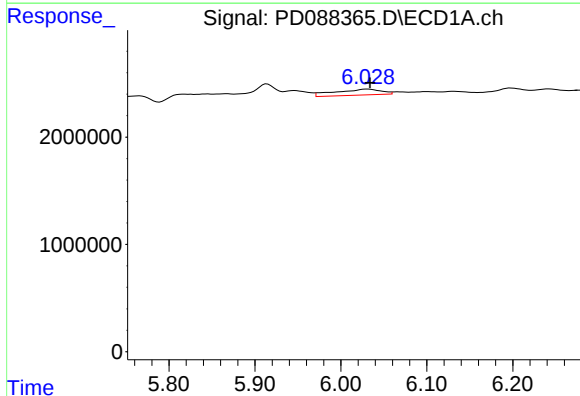
R.T.: 5.946 min
Delta R.T.: -0.002 min
Response: 1158053
Conc: 1.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



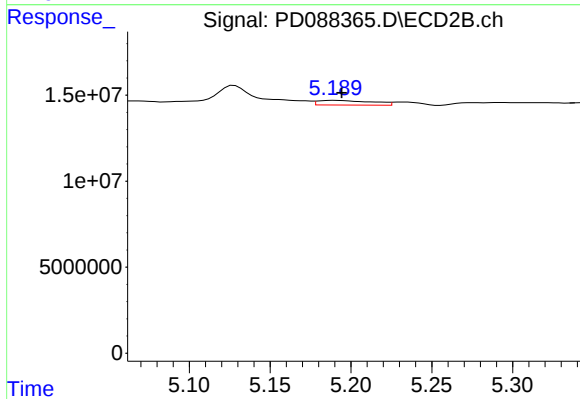
#25 Chlordane-3

R.T.: 5.128 min
Delta R.T.: -0.002 min
Response: 23286522
Conc: 9.21 ng/ml



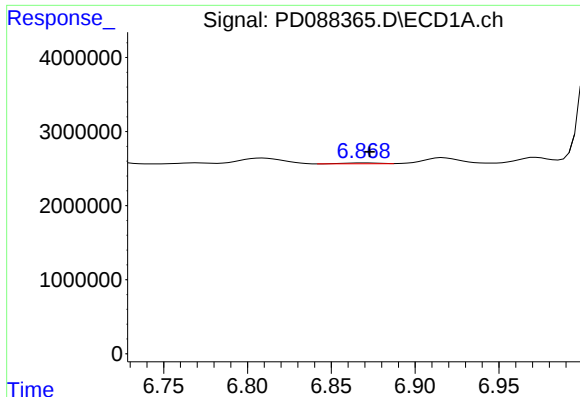
#26 Chlordane-4

R.T.: 6.031 min
Delta R.T.: -0.003 min
Response: 2060078
Conc: 2.53 ng/ml



#26 Chlordane-4

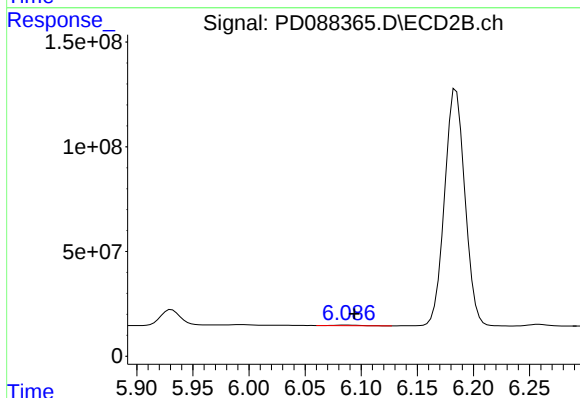
R.T.: 5.190 min
Delta R.T.: -0.004 min
Response: 6228847
Conc: 2.91 ng/ml



#27 Chlordane-5

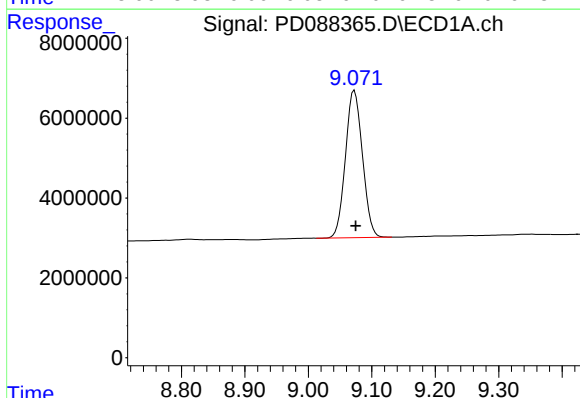
R.T.: 6.869 min
Delta R.T.: -0.004 min
Response: 178564
Conc: 1.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



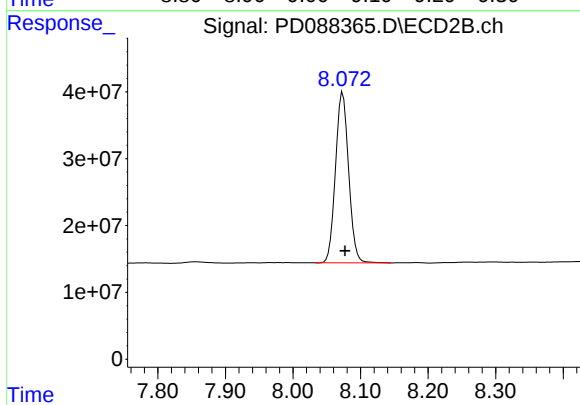
#27 Chlordane-5

R.T.: 6.088 min
Delta R.T.: -0.006 min
Response: 3657498
Conc: 3.79 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: -0.002 min
Response: 68576859
Conc: 20.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.074 min
Delta R.T.: -0.003 min
Response: 346221697
Conc: 18.74 ng/ml