

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060625\
 Data File : PD088821.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jun 2025 12:03
 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: Jun 06 22:46:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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...	3.549	2.880	52016967	319.4E6	24.040	21.118
28)	SA Decachlor...	9.073	8.072	81285064	421.3E6	23.751	23.076
Target Compounds							
2)	A alpha-BHC	3.998	3.392	49245531	261.3E6	10.310	10.932
3)	MA gamma-BHC...	4.329	3.729	48927228	242.8E6	10.630	10.955
4)	MA Heptachlor	4.931	4.078	296041	916896	0.066	0.041 #
5)	MB Aldrin	5.252f	4.363	326938	2131305	0.074	0.097 #
6)	B beta-BHC	4.515	4.025	20656359	107.2E6	11.456	11.007
7)	B delta-BHC	4.757	4.258	1058011	504050	0.250	0.023 #
8)	B Heptachlo...	5.681	4.877	2169489	835441	0.547	0.042 #
9)	A Endosulfan I	6.096f	0.000	141956	0	0.038	N.D. #
10)	B gamma-Chl...	5.940	5.126	577479	6666283	0.145	0.313 #
11)	B alpha-Chl...	6.028	5.190	1737209	7232833	0.434	0.351
12)	B 4,4'-DDE	6.207	5.376	349883	5182434	0.097	0.248 #
13)	MA Dieldrin	0.000	5.512	0	204314	N.D.	0.010 #
14)	MA Endrin	6.574	5.789	189.6E6	983.8E6	55.513	51.016
15)	B Endosulfa...	6.804f	6.089	1676720	1798817	0.487	0.098 #
16)	A 4,4'-DDD	6.705	5.931	2837641	9609241	1.019	0.552 #
17)	MA 4,4'-DDT	7.021	6.183	350.8E6	1791.5E6	112.362	98.774
18)	B Endrin al...	6.916	6.257	656794	8783719	0.255	0.631 #
19)	B Endosulfa...	0.000	6.496	0	387953	N.D.	0.022 #
20)	A Methoxychlor	7.493	6.754	432.6E6	1902.3E6	258.974	198.676
21)	B Endrin ke...	7.630	6.991	837393	12817361	0.245	0.662 #
22)	Mirex	0.000	7.178	0	4844197	N.D.	0.319 #
24)	Chlordane-2	5.252	4.493	326938	7329647	1.782	8.684 #
25)	Chlordane-3	5.940	5.126	577479	6666283	0.780	2.528 #
26)	Chlordane-4	6.028	5.190	1737209	7232833	1.938	3.269 #
27)	Chlordane-5	6.869	6.089	397472	1798817	2.613	1.797 #

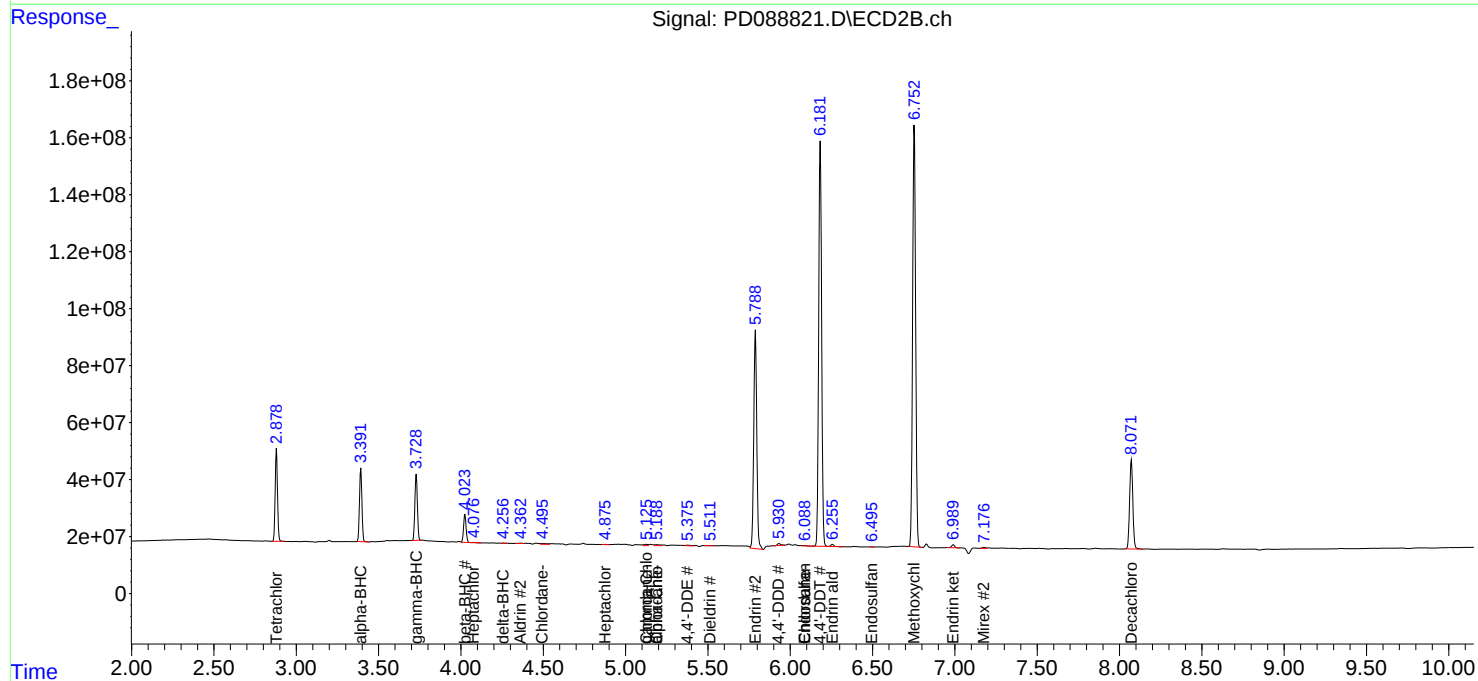
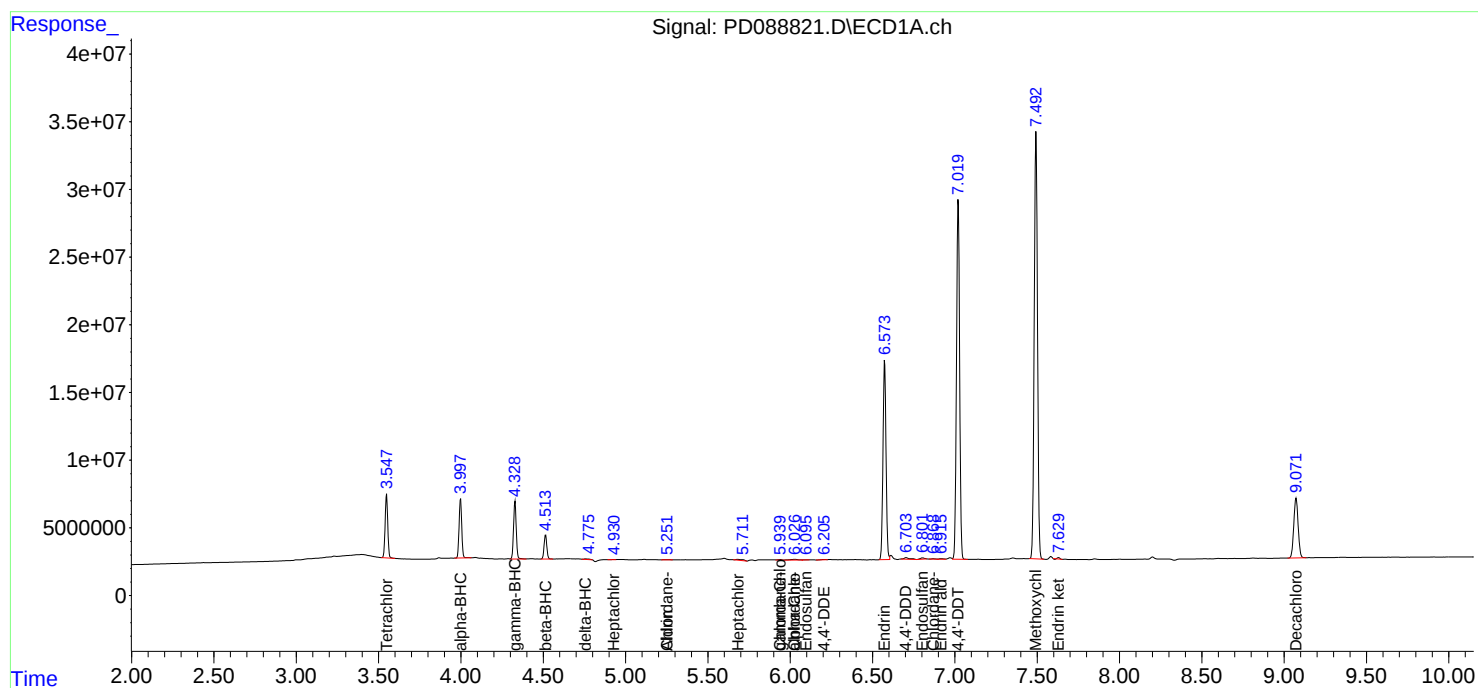
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

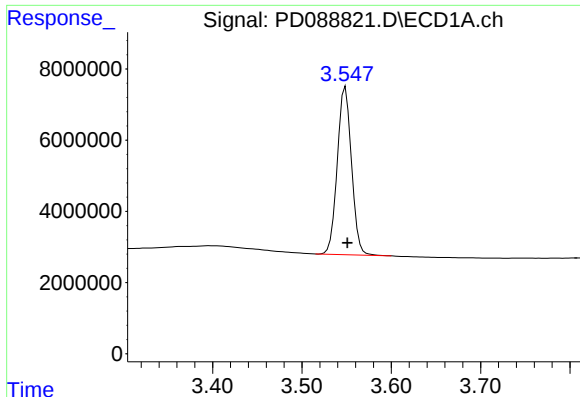
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060625\
Data File : PD088821.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Jun 2025 12:03
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 06 22:46:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 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

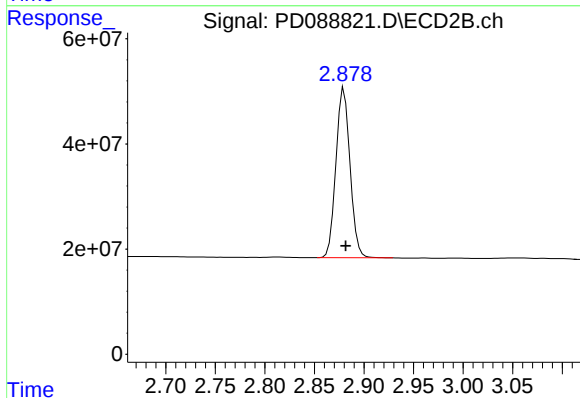




#1 Tetrachloro-m-xylene

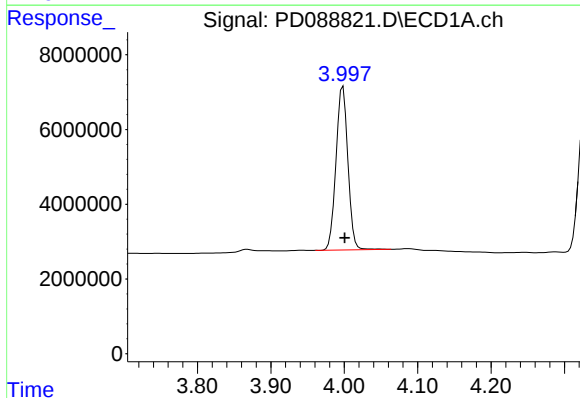
R.T.: 3.549 min
Delta R.T.: -0.002 min
Response: 52016967
Conc: 24.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



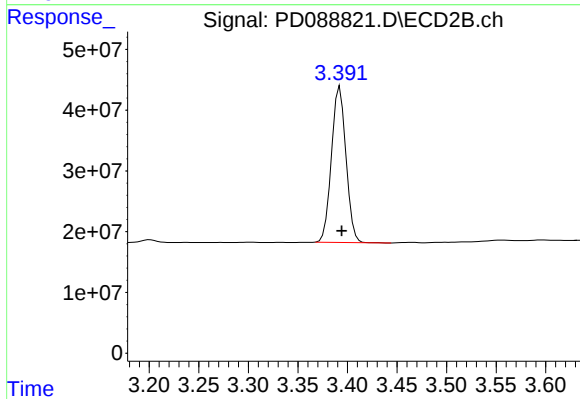
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: -0.002 min
Response: 319447687
Conc: 21.12 ng/ml



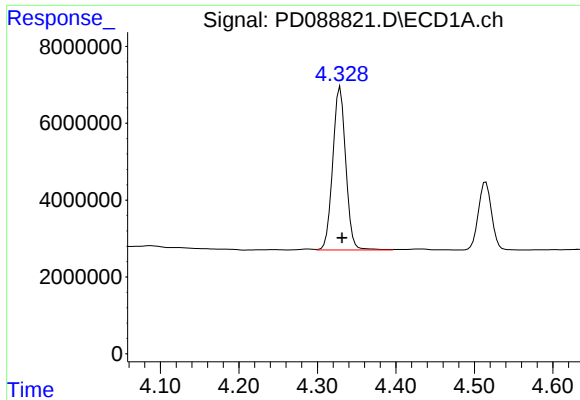
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: -0.002 min
Response: 49245531
Conc: 10.31 ng/ml



#2 alpha-BHC

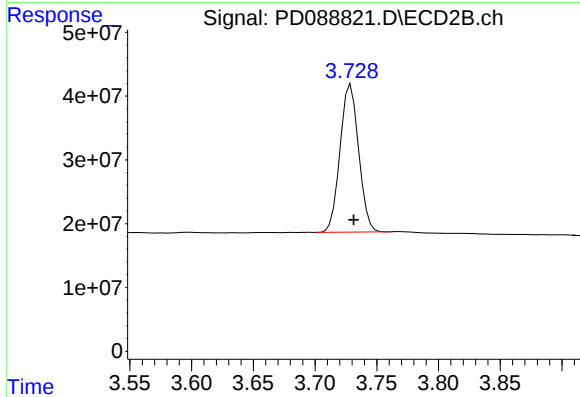
R.T.: 3.392 min
Delta R.T.: -0.002 min
Response: 261326753
Conc: 10.93 ng/ml



#3 gamma-BHC (Lindane)

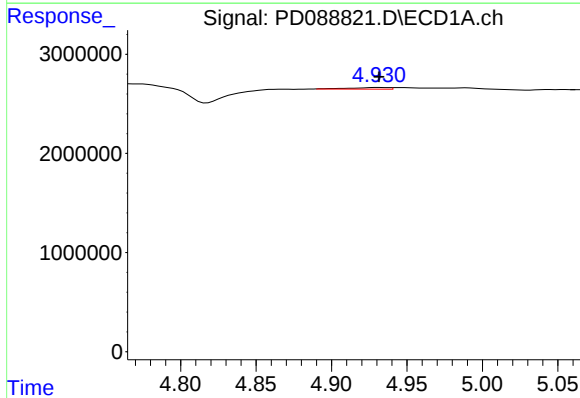
R.T.: 4.329 min
Delta R.T.: -0.002 min
Response: 48927228
Conc: 10.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



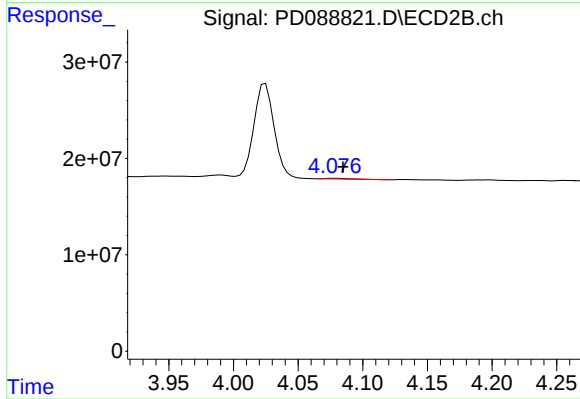
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: -0.002 min
Response: 242820365
Conc: 10.95 ng/ml



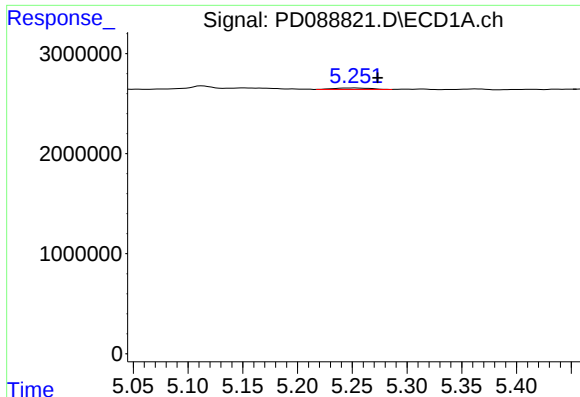
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 296041
Conc: 0.07 ng/ml



#4 Heptachlor

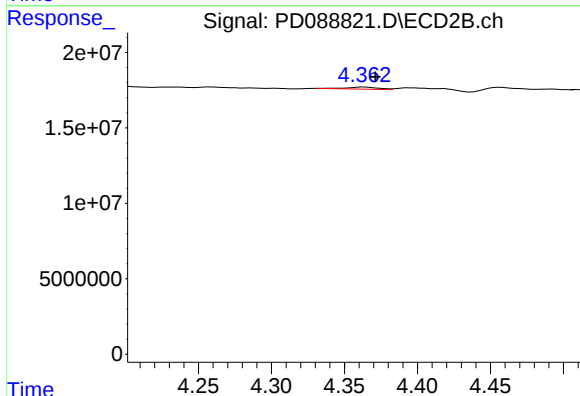
R.T.: 4.078 min
Delta R.T.: -0.007 min
Response: 916896
Conc: 0.04 ng/ml



#5 Aldrin

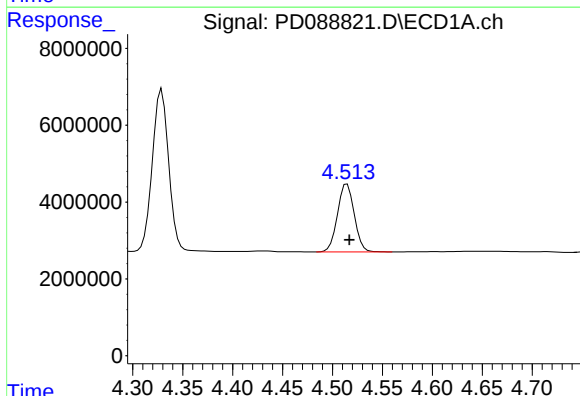
R.T.: 5.252 min
Delta R.T.: -0.021 min
Response: 326938
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



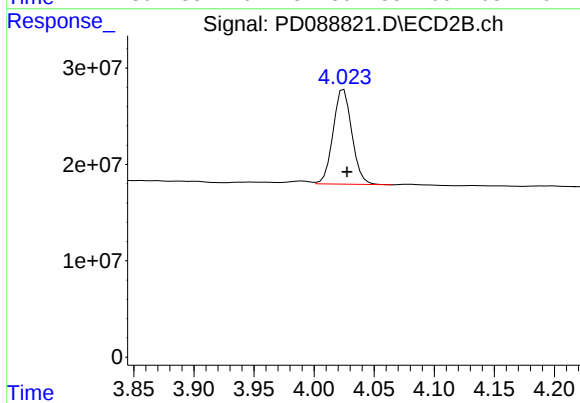
#5 Aldrin

R.T.: 4.363 min
Delta R.T.: -0.008 min
Response: 2131305
Conc: 0.10 ng/ml



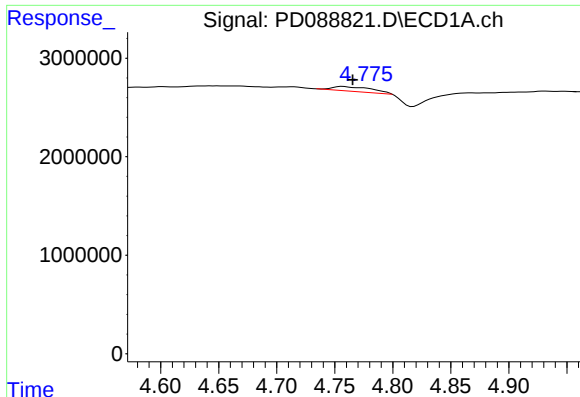
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: -0.002 min
Response: 20656359
Conc: 11.46 ng/ml



#6 beta-BHC

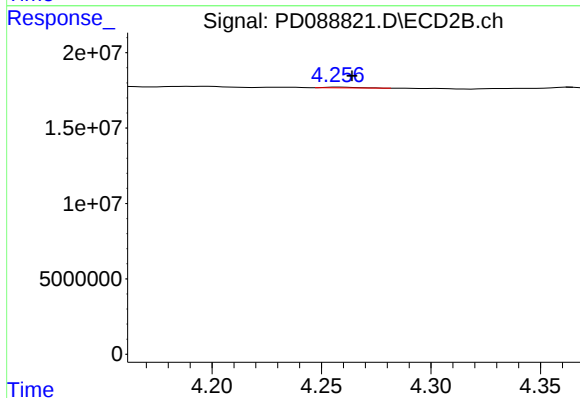
R.T.: 4.025 min
Delta R.T.: -0.003 min
Response: 107232298
Conc: 11.01 ng/ml



#7 delta-BHC

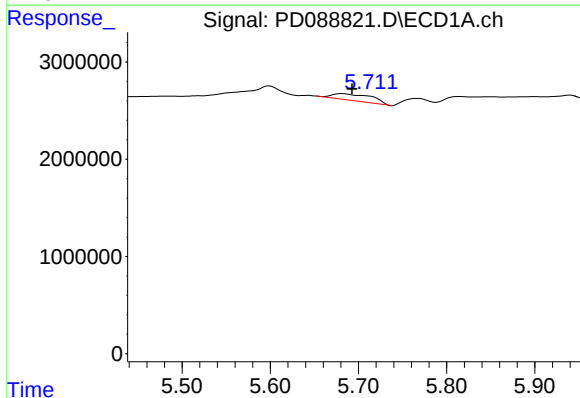
R.T.: 4.757 min
Delta R.T.: -0.009 min
Response: 1058011
Conc: 0.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



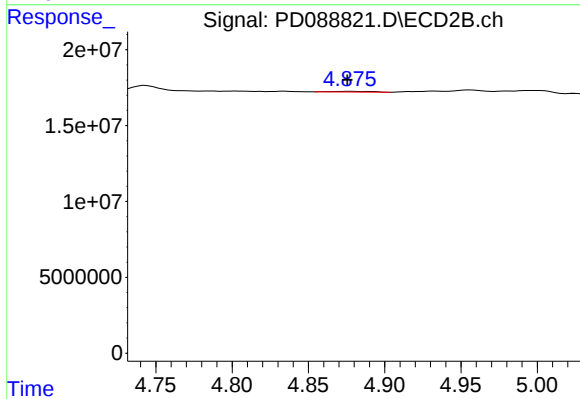
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: -0.006 min
Response: 504050
Conc: 0.02 ng/ml



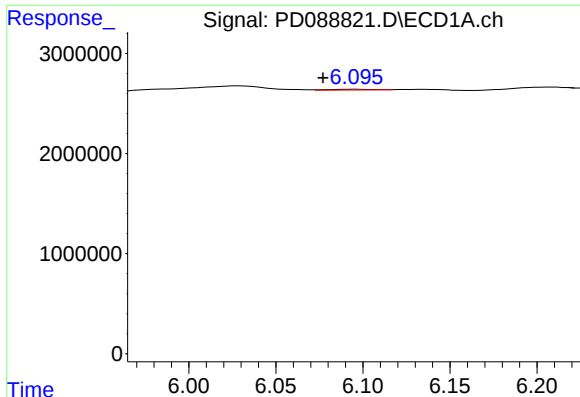
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.011 min
Response: 2169489
Conc: 0.55 ng/ml



#8 Heptachlor epoxide

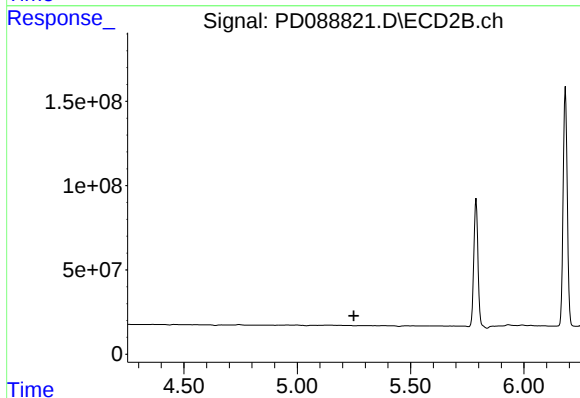
R.T.: 4.877 min
Delta R.T.: 0.001 min
Response: 835441
Conc: 0.04 ng/ml



#9 Endosulfan I

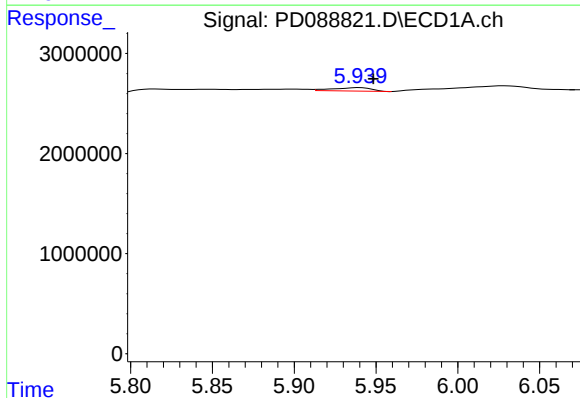
R.T.: 6.096 min
Delta R.T.: 0.019 min
Response: 141956
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



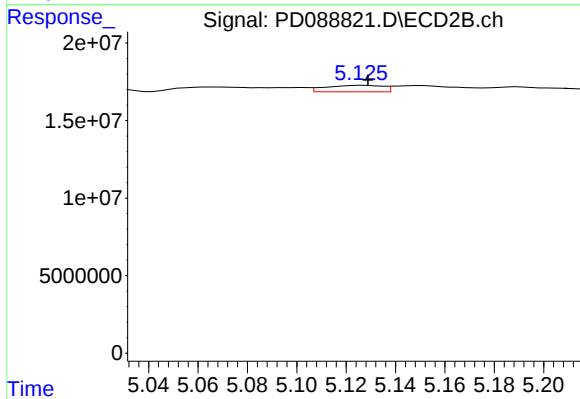
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.250 min
Response: 0
Conc: N.D.



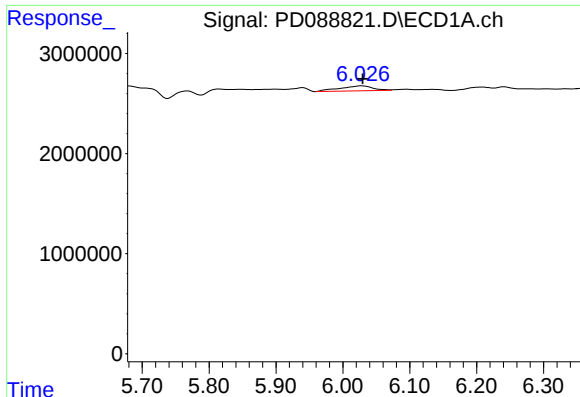
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.008 min
Response: 577479
Conc: 0.14 ng/ml



#10 gamma-Chlordane

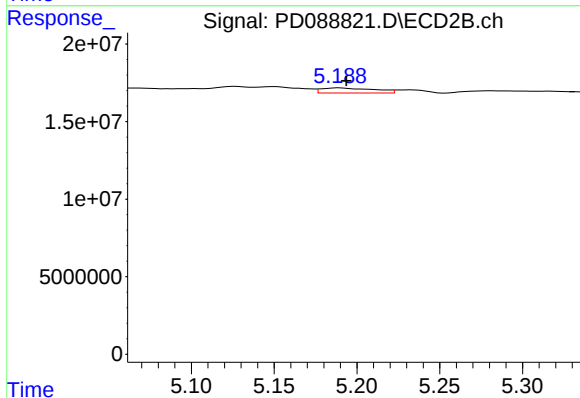
R.T.: 5.126 min
Delta R.T.: -0.002 min
Response: 6666283
Conc: 0.31 ng/ml



#11 alpha-Chlordane

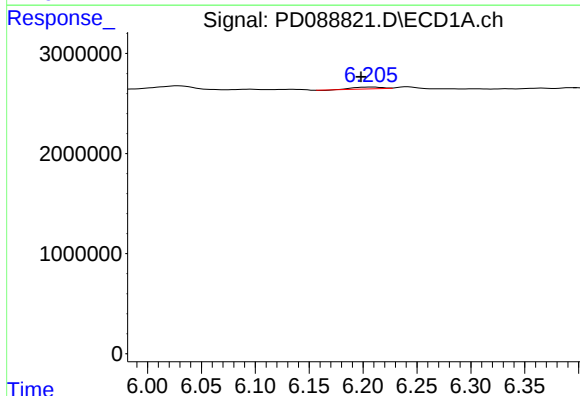
R.T.: 6.028 min
Delta R.T.: -0.002 min
Response: 1737209
Conc: 0.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



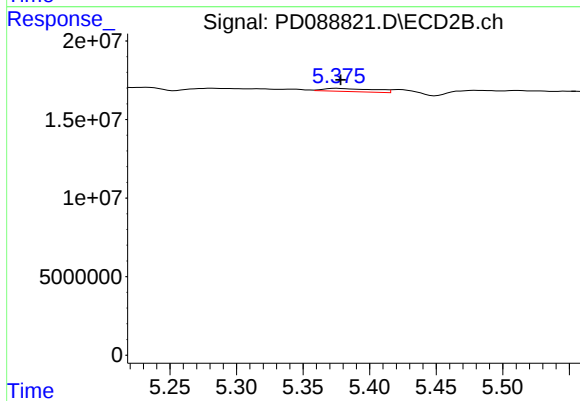
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: -0.004 min
Response: 7232833
Conc: 0.35 ng/ml



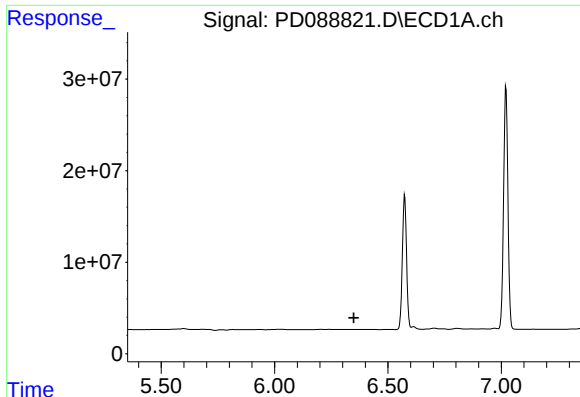
#12 4,4'-DDE

R.T.: 6.207 min
Delta R.T.: 0.009 min
Response: 349883
Conc: 0.10 ng/ml



#12 4,4'-DDE

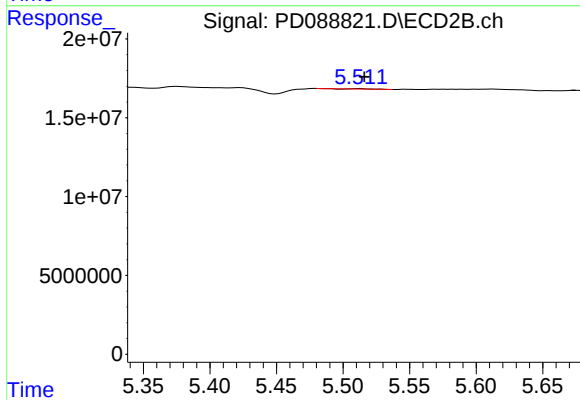
R.T.: 5.376 min
Delta R.T.: -0.003 min
Response: 5182434
Conc: 0.25 ng/ml



#13 Dieldrin

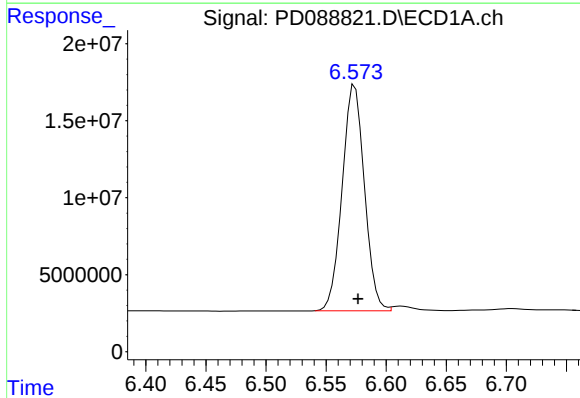
R.T.: 0.000 min
Exp R.T.: 6.350 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



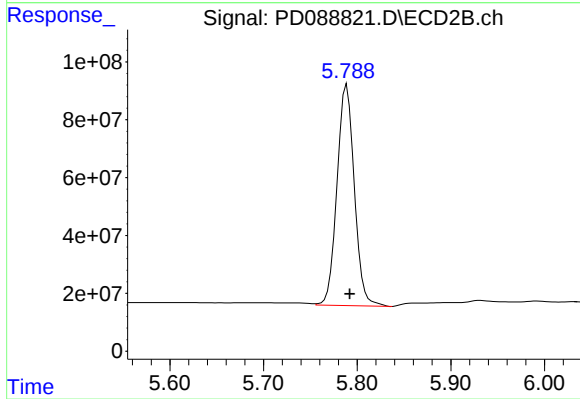
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: -0.004 min
Response: 204314
Conc: 0.01 ng/ml



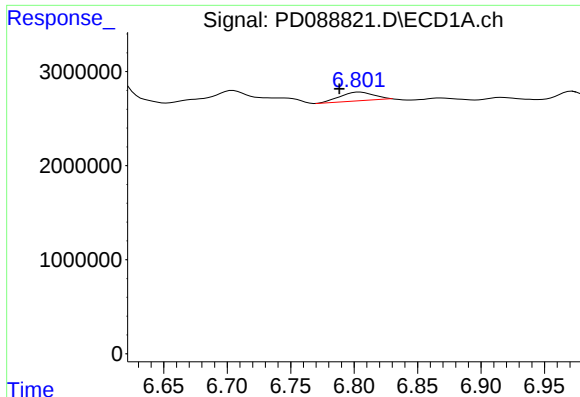
#14 Endrin

R.T.: 6.574 min
Delta R.T.: -0.003 min
Response: 189587802
Conc: 55.51 ng/ml



#14 Endrin

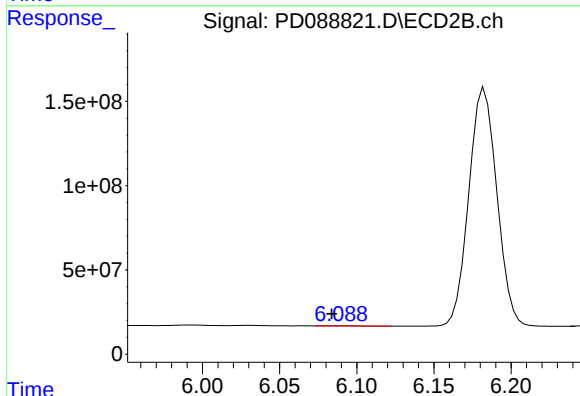
R.T.: 5.789 min
Delta R.T.: -0.003 min
Response: 983791259
Conc: 51.02 ng/ml



#15 Endosulfan II

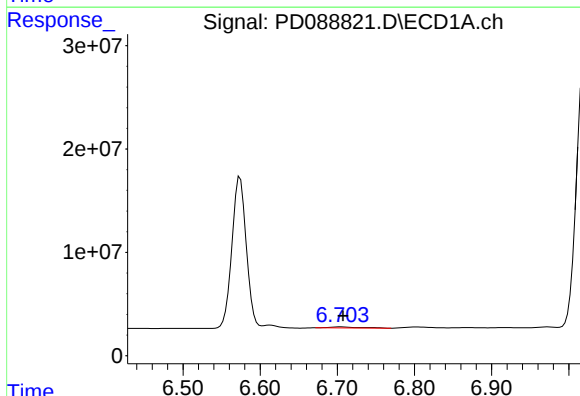
R.T.: 6.804 min
Delta R.T.: 0.016 min
Response: 1676720
Conc: 0.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



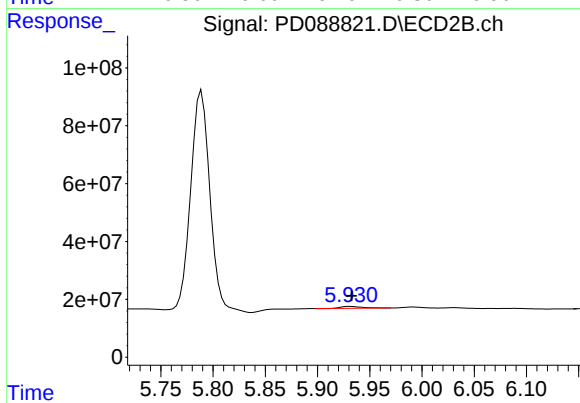
#15 Endosulfan II

R.T.: 6.089 min
Delta R.T.: 0.005 min
Response: 1798817
Conc: 0.10 ng/ml



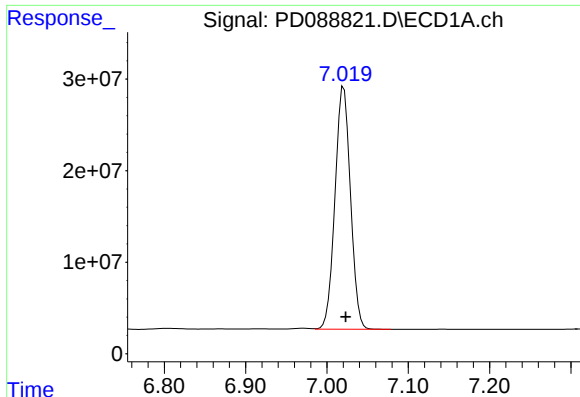
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: -0.003 min
Response: 2837641
Conc: 1.02 ng/ml



#16 4,4'-DDD

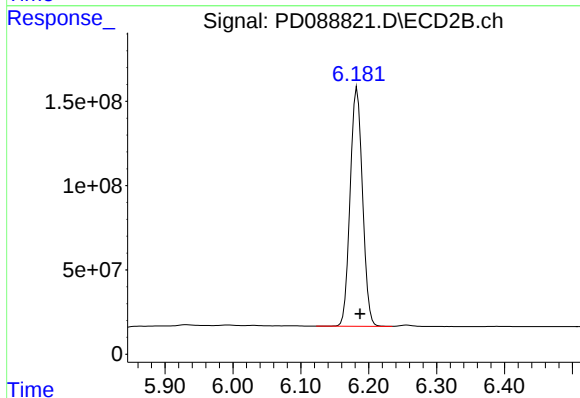
R.T.: 5.931 min
Delta R.T.: -0.001 min
Response: 9609241
Conc: 0.55 ng/ml



#17 4,4'-DDT

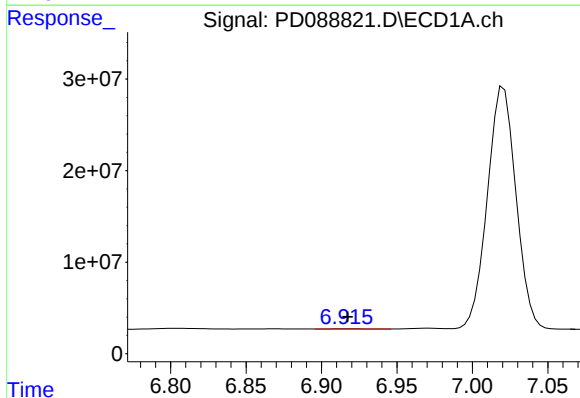
R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 350798484
Conc: 112.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



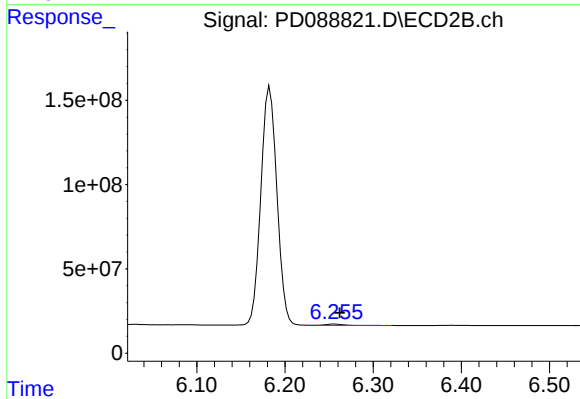
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.004 min
Response: 1791490550
Conc: 98.77 ng/ml



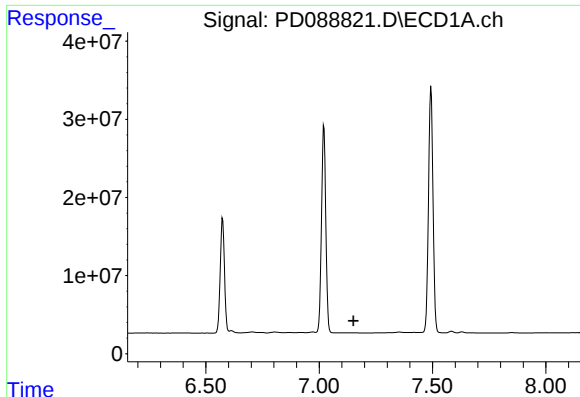
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: -0.001 min
Response: 656794
Conc: 0.26 ng/ml



#18 Endrin aldehyde

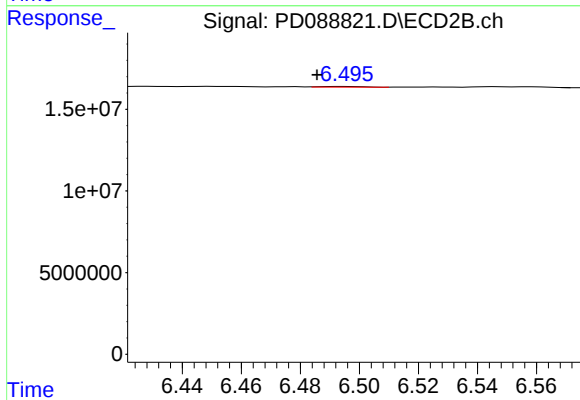
R.T.: 6.257 min
Delta R.T.: -0.005 min
Response: 8783719
Conc: 0.63 ng/ml



#19 Endosulfan Sulfate

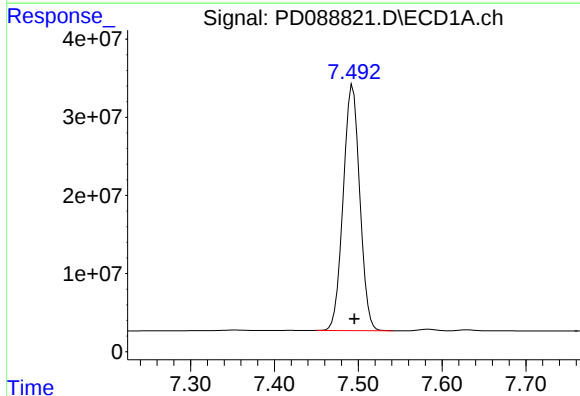
R.T.: 0.000 min
Exp R.T.: 7.152 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



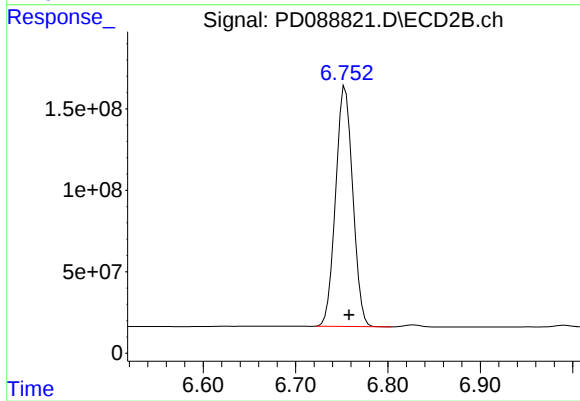
#19 Endosulfan Sulfate

R.T.: 6.496 min
Delta R.T.: 0.010 min
Response: 387953
Conc: 0.02 ng/ml



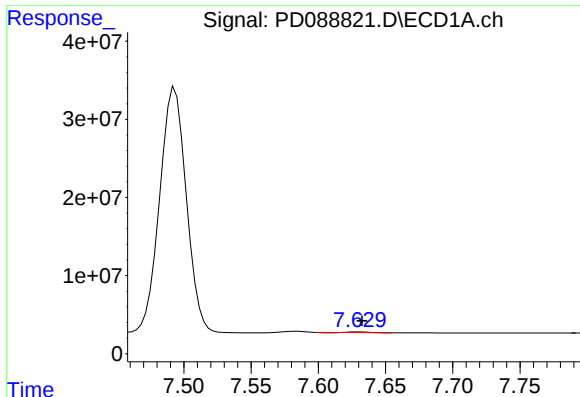
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: -0.002 min
Response: 432629300
Conc: 258.97 ng/ml



#20 Methoxychlor

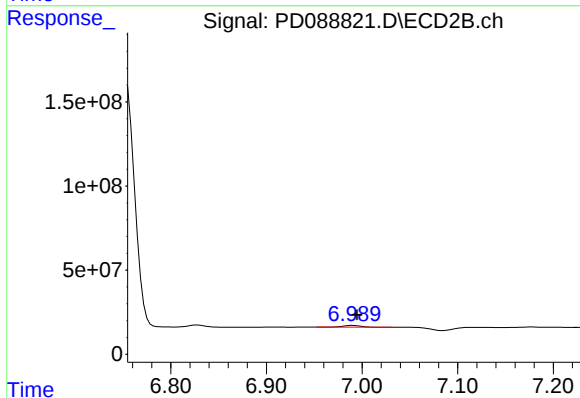
R.T.: 6.754 min
Delta R.T.: -0.004 min
Response: 1902281651
Conc: 198.68 ng/ml



#21 Endrin ketone

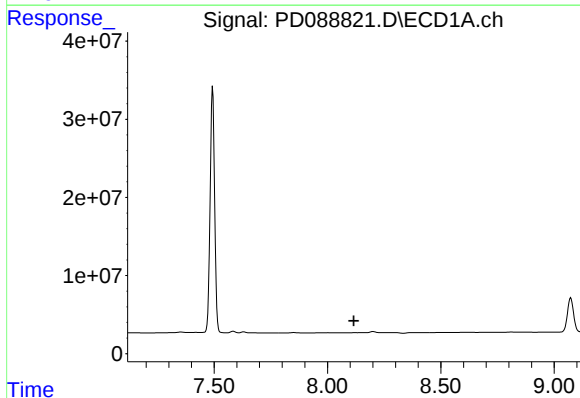
R.T.: 7.630 min
Delta R.T.: -0.002 min
Response: 837393
Conc: 0.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



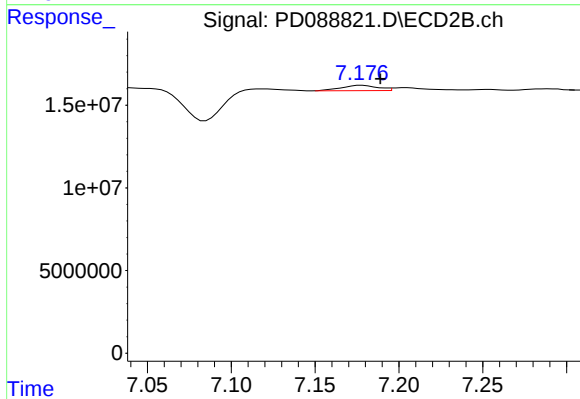
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.004 min
Response: 12817361
Conc: 0.66 ng/ml



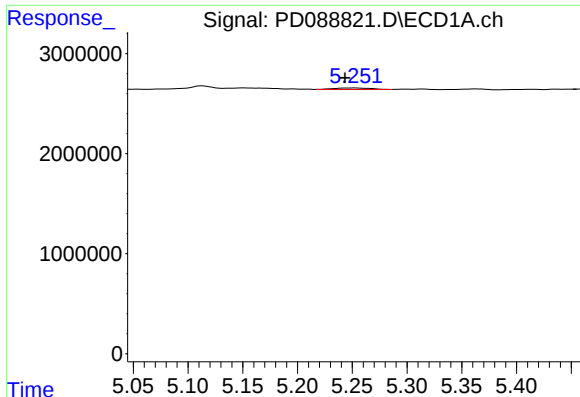
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.117 min
Response: 0
Conc: N.D.



#22 Mirex

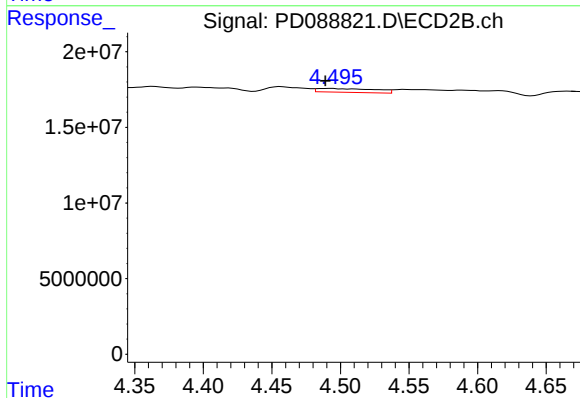
R.T.: 7.178 min
Delta R.T.: -0.011 min
Response: 4844197
Conc: 0.32 ng/ml



#24 Chlordane-2

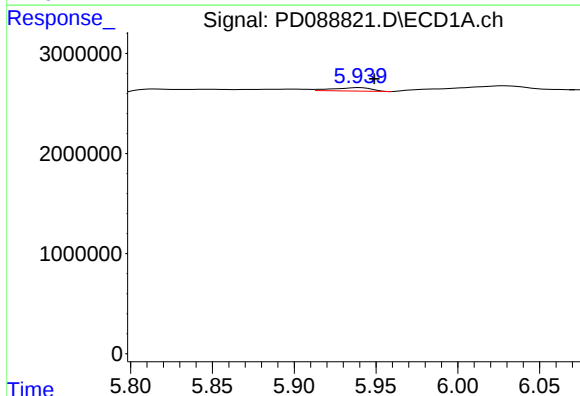
R.T.: 5.252 min
Delta R.T.: 0.008 min
Response: 326938
Conc: 1.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



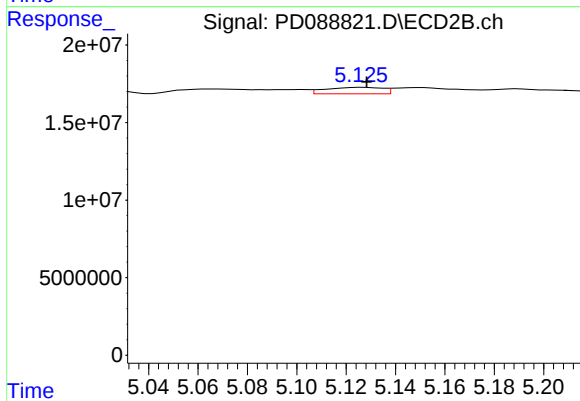
#24 Chlordane-2

R.T.: 4.493 min
Delta R.T.: 0.004 min
Response: 7329647
Conc: 8.68 ng/ml



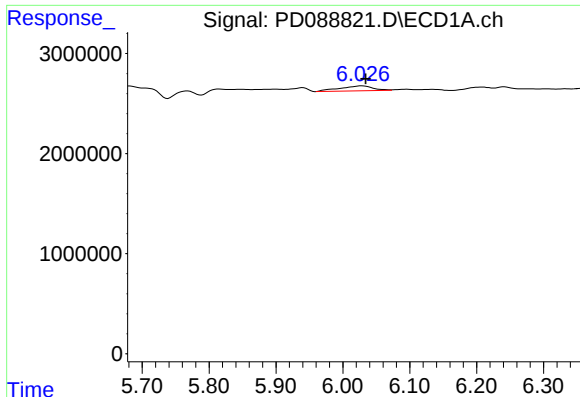
#25 Chlordane-3

R.T.: 5.940 min
Delta R.T.: -0.009 min
Response: 577479
Conc: 0.78 ng/ml



#25 Chlordane-3

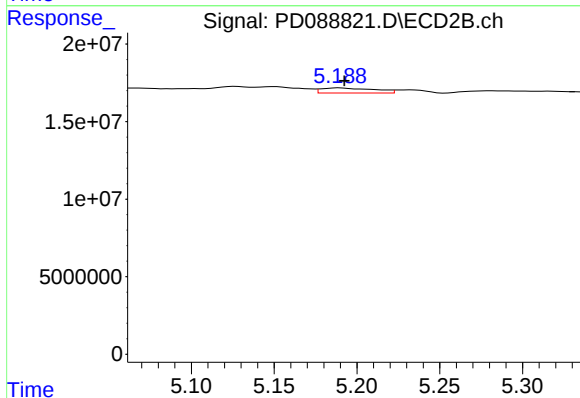
R.T.: 5.126 min
Delta R.T.: -0.002 min
Response: 6666283
Conc: 2.53 ng/ml



#26 Chlordane-4

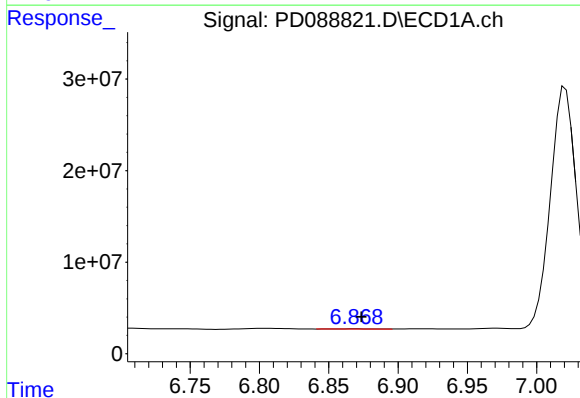
R.T.: 6.028 min
Delta R.T.: -0.007 min
Response: 1737209
Conc: 1.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



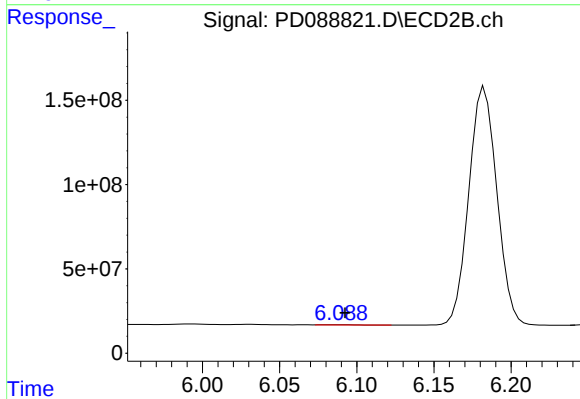
#26 Chlordane-4

R.T.: 5.190 min
Delta R.T.: -0.003 min
Response: 7232833
Conc: 3.27 ng/ml



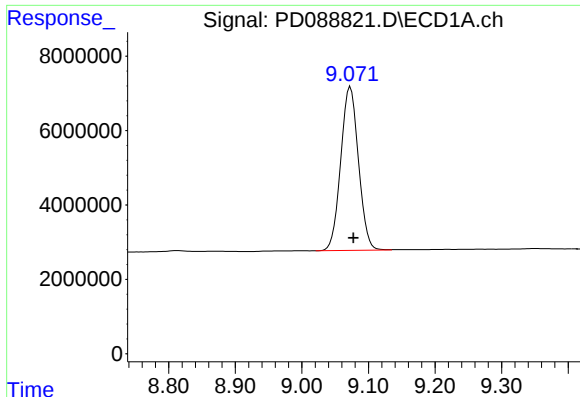
#27 Chlordane-5

R.T.: 6.869 min
Delta R.T.: -0.004 min
Response: 397472
Conc: 2.61 ng/ml



#27 Chlordane-5

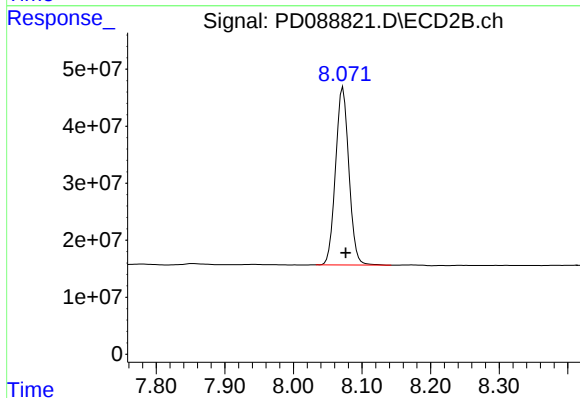
R.T.: 6.089 min
Delta R.T.: -0.003 min
Response: 1798817
Conc: 1.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: -0.005 min
Response: 81285064
Conc: 23.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: -0.004 min
Response: 421291271
Conc: 23.08 ng/ml