

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050525\
 Data File : PD088425.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2025 16:48
 Operator : AR\AJ
 Sample : PB167774TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PEM072

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 06 01:44:13 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...	3.572	2.910f	12340144	6826039	6.178	0.467 #
28)	SA Decachlor...	9.076	8.068	265100	824495	0.080	0.045 #
Target Compounds							
2)	A alpha-BHC	3.986	3.392	14004413	4580935	3.248	0.200 #
3)	MA gamma-BHC...	4.331	3.743	4471426	2715031	1.068	0.126 #
4)	MA Heptachlor	4.921	4.072	799072	770467	0.198	0.036 #
5)	MB Aldrin	5.280	4.386	647140	76403759	0.164	3.673 #
6)	B beta-BHC	4.517	4.038	405770	8174502	0.250	0.883 #
7)	B delta-BHC	4.780	4.238f	38045320	2431505	9.223	0.114 #
8)	B Heptachlo...	0.000	4.870	0	6432212	N.D.	0.340 #
9)	A Endosulfan I	6.062	5.224f	27410	4549759	0.008	0.253 #
10)	B gamma-Chl...	5.926f	5.156f	370938	31465187	0.102	1.550 #
11)	B alpha-Chl...	6.028	5.224f	546712	4549759	0.151	0.232 #
12)	B 4,4'-DDE	0.000	5.396f	0	3880469	N.D.	0.197 #
13)	MA Dieldrin	6.357	5.521	507295	-1081512	0.142	N.D. #
14)	MA Endrin	0.000	5.795	0	3904140	N.D.	0.214 #
15)	B Endosulfa...	6.772	6.107f	186005	3776844	0.059	0.216 #
16)	A 4,4'-DDD	6.731f	5.924	-161220	5664245	N.D.	0.346
17)	MA 4,4'-DDT	7.036	6.179	477416	2023217	0.172	0.119 #
18)	B Endrin al...	6.922	6.267	327840	815346	0.142	0.061 #
19)	B Endosulfa...	7.182f	6.489	50321	672090	0.017	0.039 #
20)	A Methoxychlor	0.000	6.757	0	957743	N.D.	0.105 #
21)	B Endrin ke...	0.000	6.994	0	2088990	N.D.	0.112 #
22)	Mirex	0.000	7.213f	0	362871	N.D.	0.024 #
23)	Chlordane-1	4.738f	3.909	513890	5810810	3.093	7.248 #
24)	Chlordane-2	0.000	4.495	0	21953097	N.D.	26.600 #
25)	Chlordane-3	5.926f	5.156f	370938	31465187	0.550	12.442 #
26)	Chlordane-4	6.028	5.224f	546712	4549759	0.671	2.128 #
27)	Chlordane-5	6.873	6.107	1956084	3776844	14.397	3.912 #

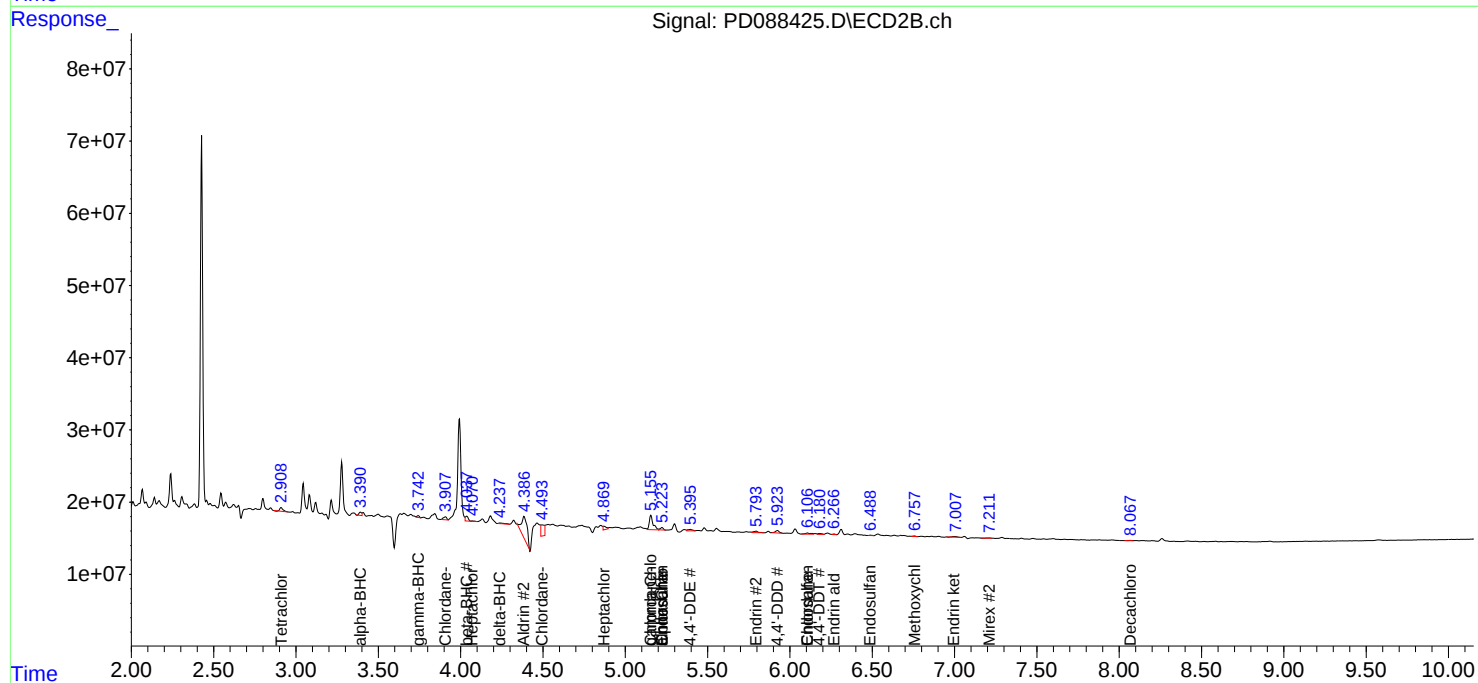
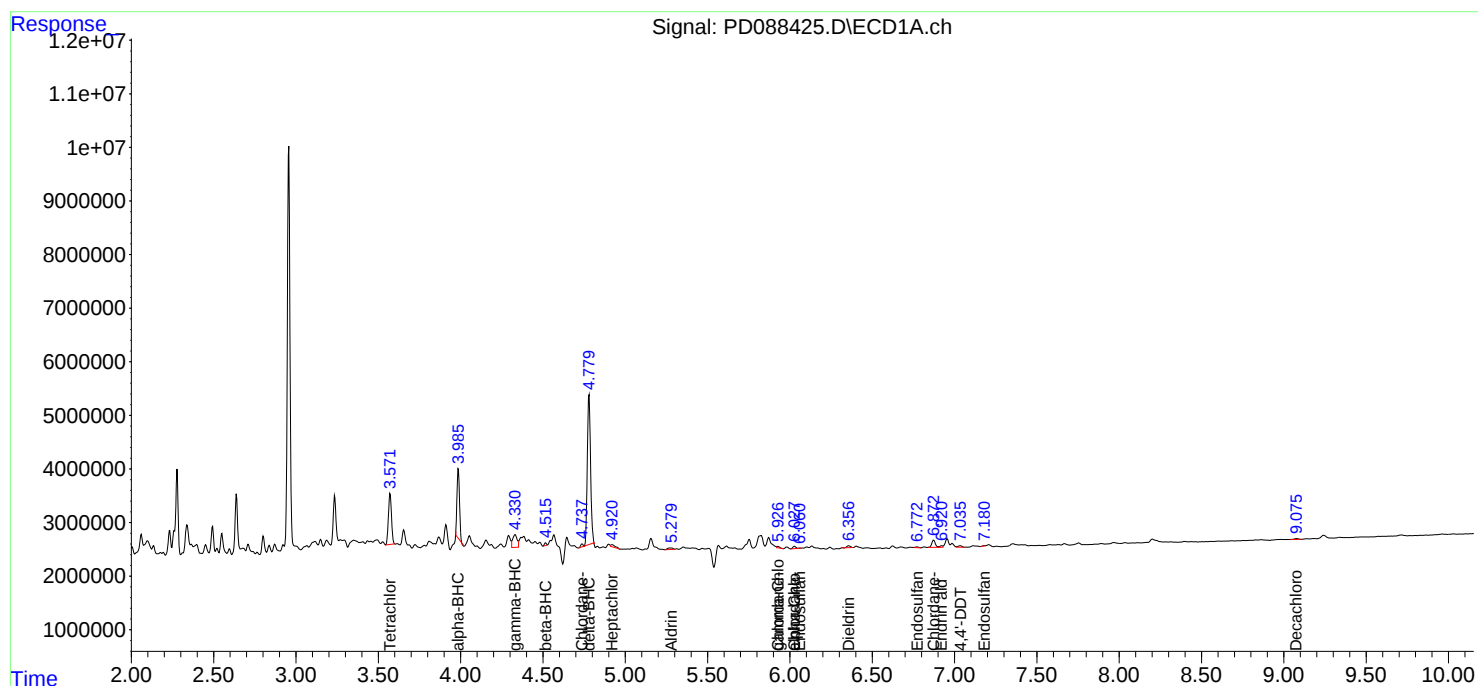
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

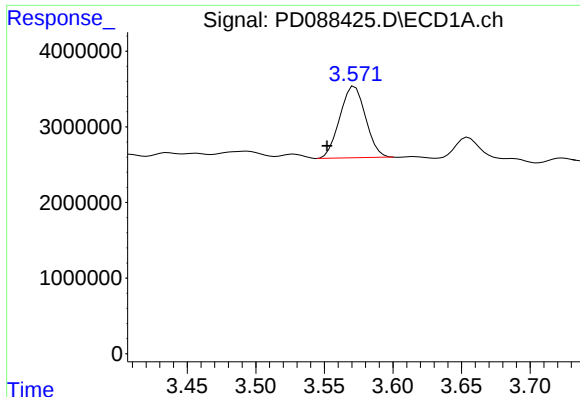
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050525\
Data File : PD088425.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 16:48
Operator : AR\AJ
Sample : PB167774TB
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM072

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 06 01:44:13 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

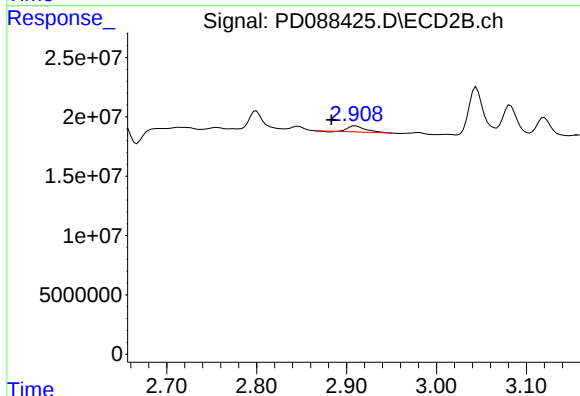




#1 Tetrachloro-m-xylene

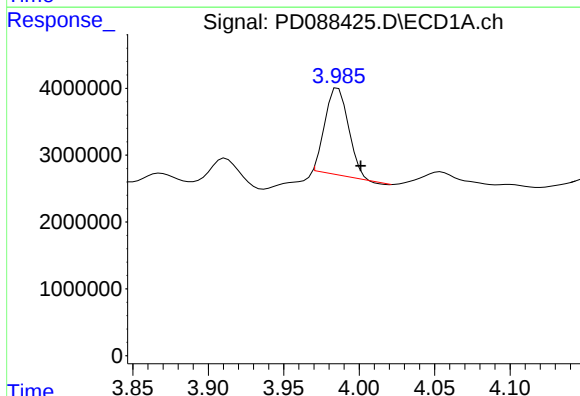
R.T.: 3.572 min
Delta R.T.: 0.020 min
Response: 12340144
Conc: 6.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM072



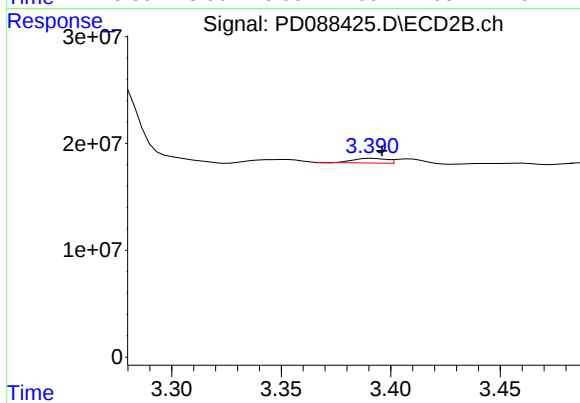
#1 Tetrachloro-m-xylene

R.T.: 2.910 min
Delta R.T.: 0.027 min
Response: 6826039
Conc: 0.47 ng/ml



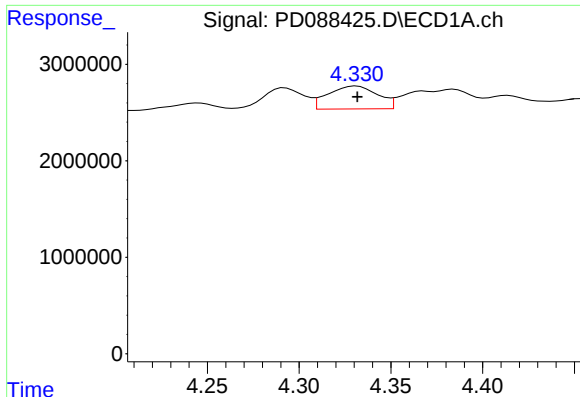
#2 alpha-BHC

R.T.: 3.986 min
Delta R.T.: -0.015 min
Response: 14004413
Conc: 3.25 ng/ml



#2 alpha-BHC

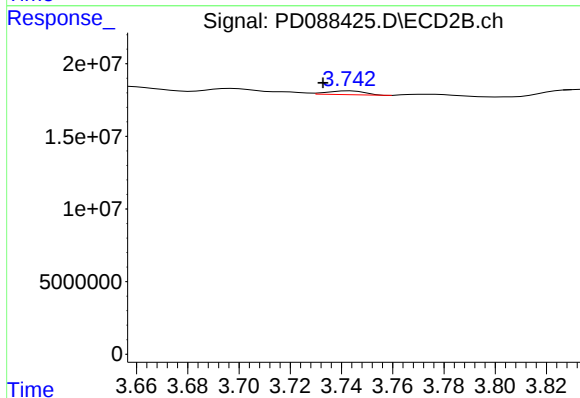
R.T.: 3.392 min
Delta R.T.: -0.004 min
Response: 4580935
Conc: 0.20 ng/ml



#3 gamma-BHC (Lindane)

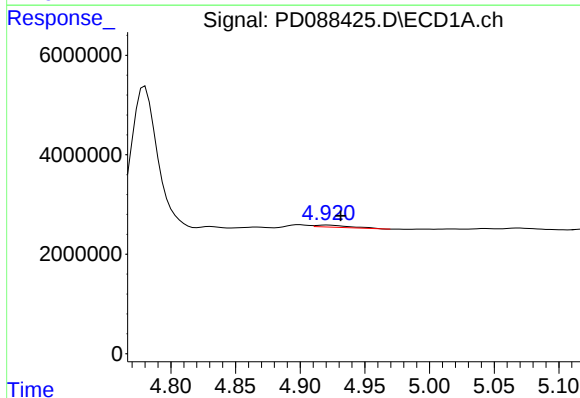
R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 4471426
Conc: 1.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM072



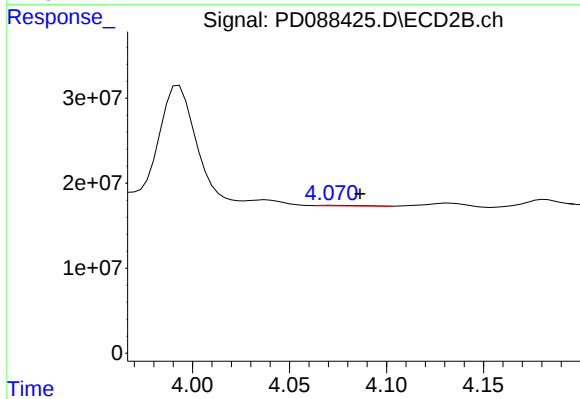
#3 gamma-BHC (Lindane)

R.T.: 3.743 min
Delta R.T.: 0.010 min
Response: 2715031
Conc: 0.13 ng/ml



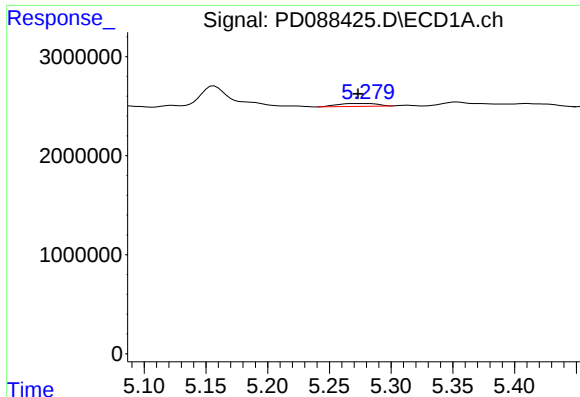
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.010 min
Response: 799072
Conc: 0.20 ng/ml



#4 Heptachlor

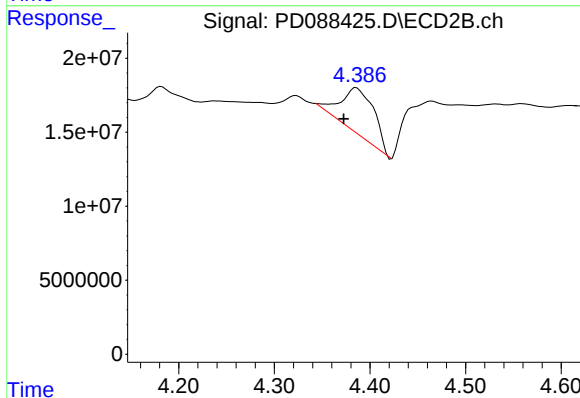
R.T.: 4.072 min
Delta R.T.: -0.015 min
Response: 770467
Conc: 0.04 ng/ml



#5 Aldrin

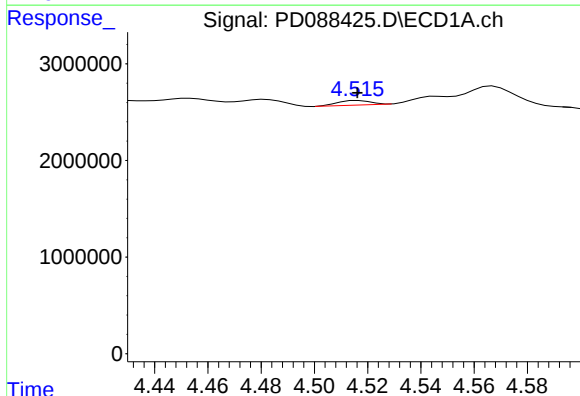
R.T.: 5.280 min
Delta R.T.: 0.007 min
Response: 647140
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM072



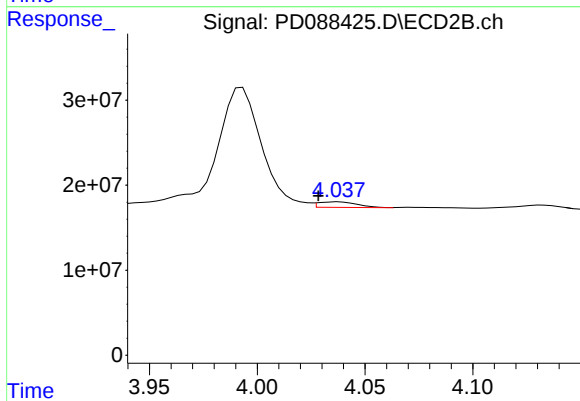
#5 Aldrin

R.T.: 4.386 min
Delta R.T.: 0.013 min
Response: 76403759
Conc: 3.67 ng/ml



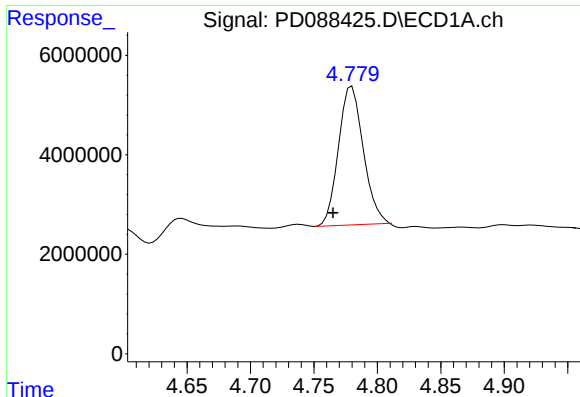
#6 beta-BHC

R.T.: 4.517 min
Delta R.T.: 0.000 min
Response: 405770
Conc: 0.25 ng/ml



#6 beta-BHC

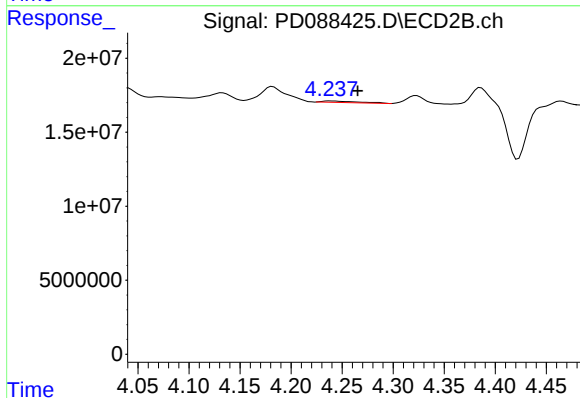
R.T.: 4.038 min
Delta R.T.: 0.009 min
Response: 8174502
Conc: 0.88 ng/ml



#7 delta-BHC

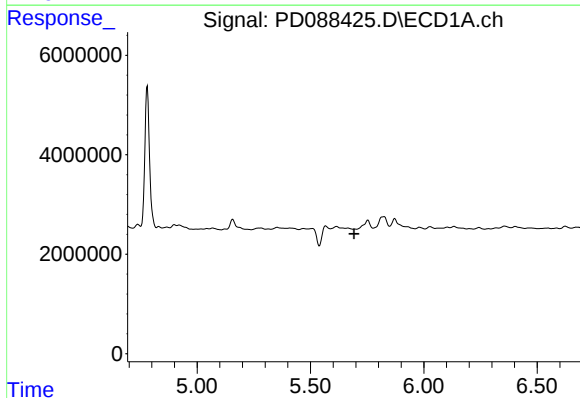
R.T.: 4.780 min
Delta R.T.: 0.015 min
Response: 38045320
Conc: 9.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM072



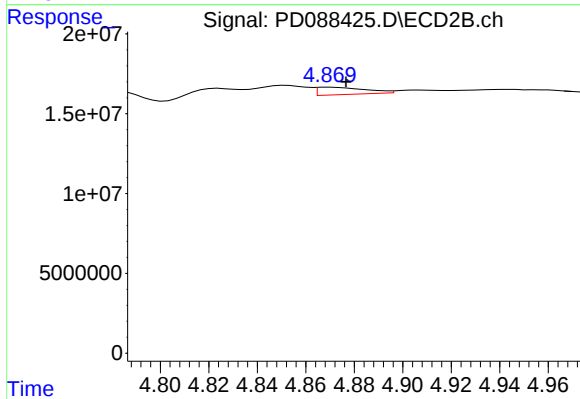
#7 delta-BHC

R.T.: 4.238 min
Delta R.T.: -0.027 min
Response: 2431505
Conc: 0.11 ng/ml



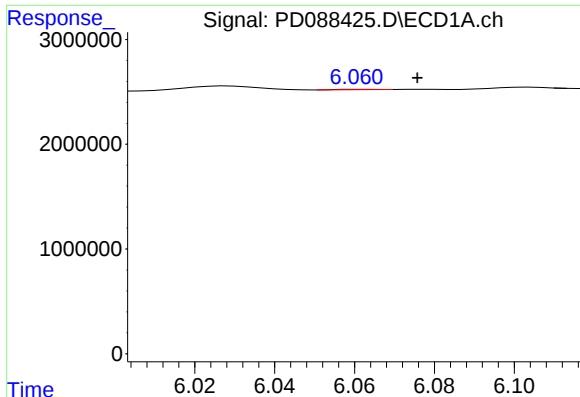
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

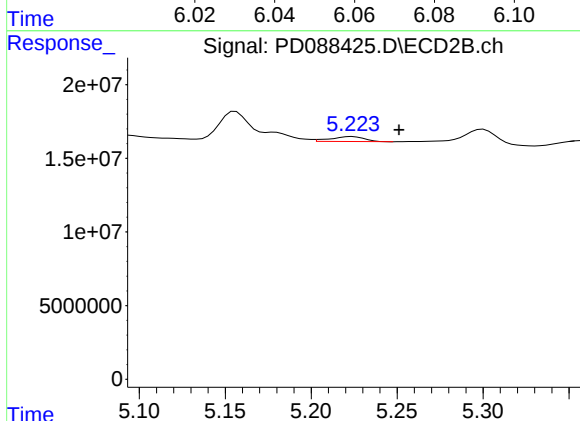
R.T.: 4.870 min
Delta R.T.: -0.007 min
Response: 6432212
Conc: 0.34 ng/ml



#9 Endosulfan I

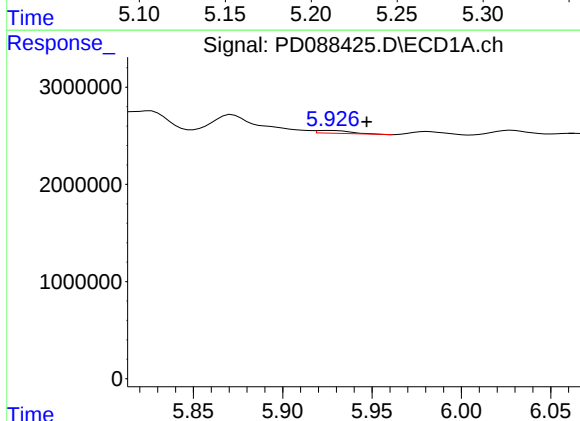
R.T.: 6.062 min
Delta R.T.: -0.014 min
Response: 27410
Conc: 0.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM072



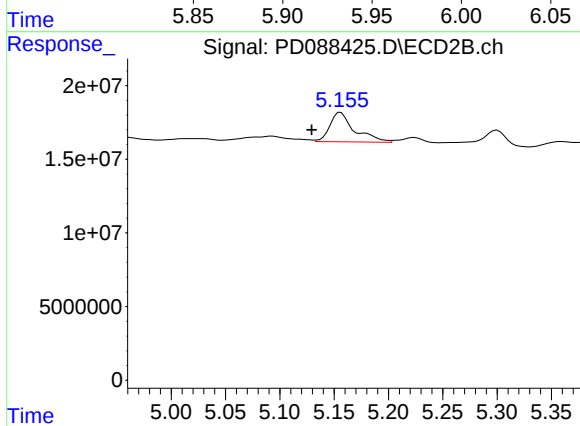
#9 Endosulfan I

R.T.: 5.224 min
Delta R.T.: -0.027 min
Response: 4549759
Conc: 0.25 ng/ml



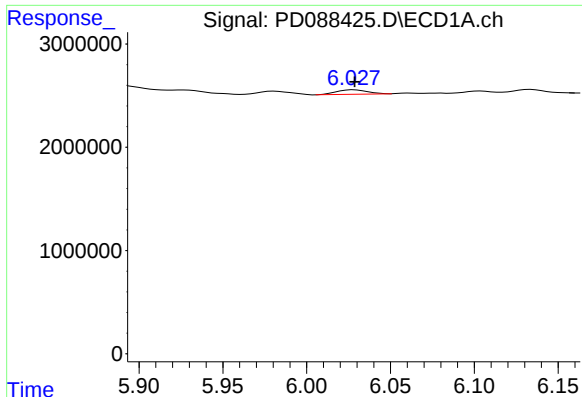
#10 gamma-Chlordane

R.T.: 5.926 min
Delta R.T.: -0.021 min
Response: 370938
Conc: 0.10 ng/ml



#10 gamma-Chlordane

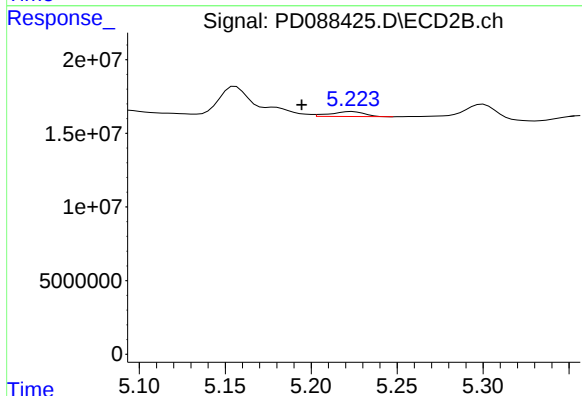
R.T.: 5.156 min
Delta R.T.: 0.027 min
Response: 31465187
Conc: 1.55 ng/ml



#11 alpha-Chlordane

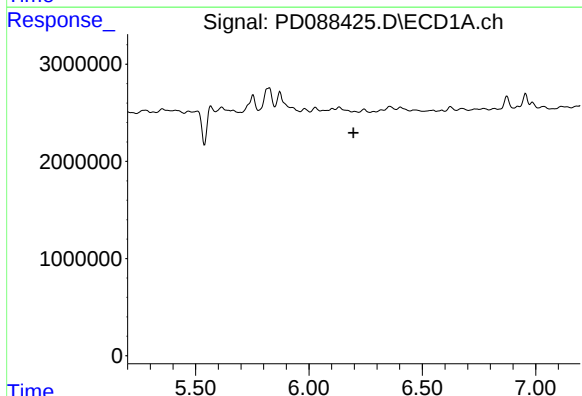
R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 546712
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM072



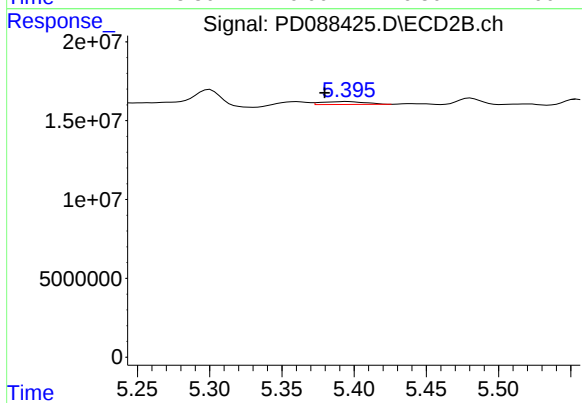
#11 alpha-Chlordane

R.T.: 5.224 min
Delta R.T.: 0.030 min
Response: 4549759
Conc: 0.23 ng/ml



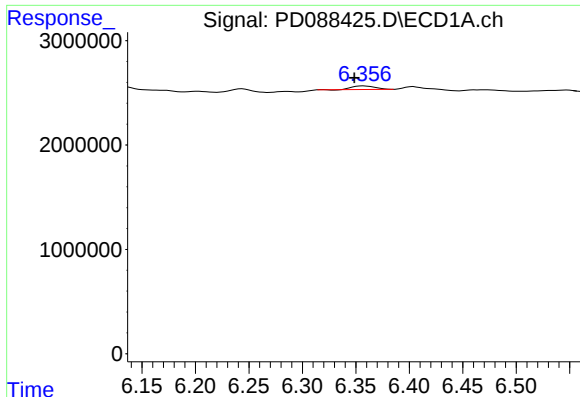
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 6.197 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

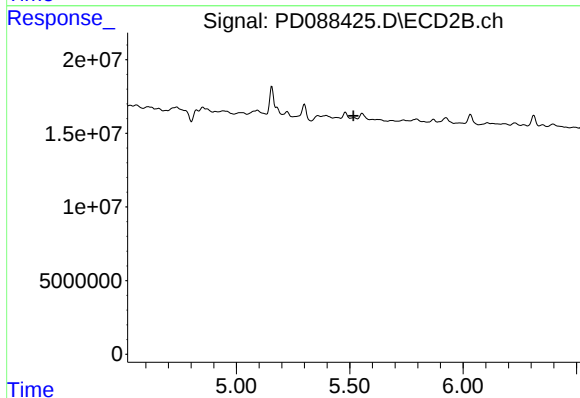
R.T.: 5.396 min
Delta R.T.: 0.016 min
Response: 3880469
Conc: 0.20 ng/ml



#13 Dieldrin

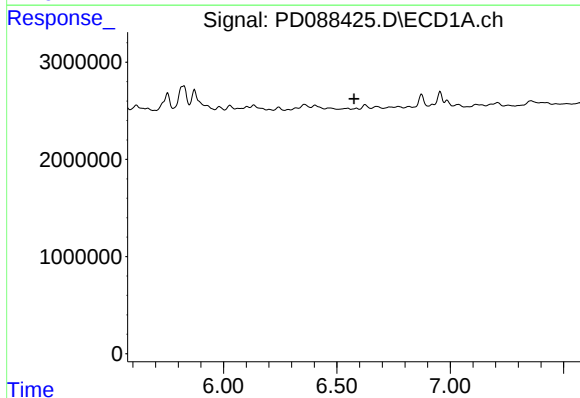
R.T.: 6.357 min
Delta R.T.: 0.009 min
Response: 507295
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM072



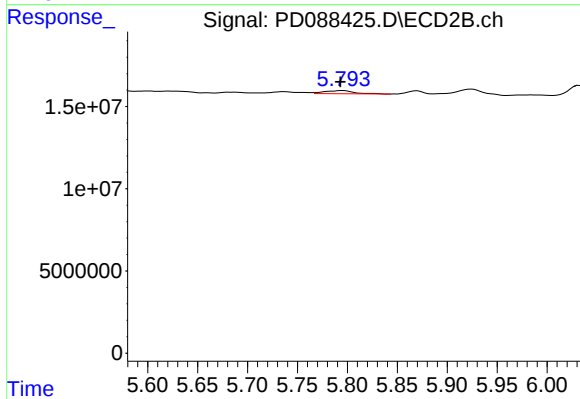
#13 Dieldrin

R.T.: 5.521 min
Delta R.T.: 0.004 min
Response: -1081512
Conc: N.D.



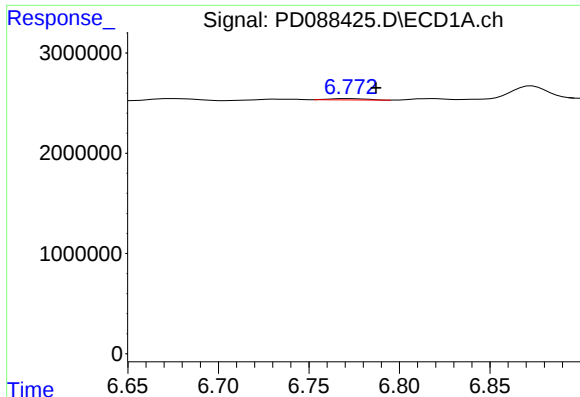
#14 Endrin

R.T.: 0.000 min
Exp R.T. : 6.576 min
Response: 0
Conc: N.D.



#14 Endrin

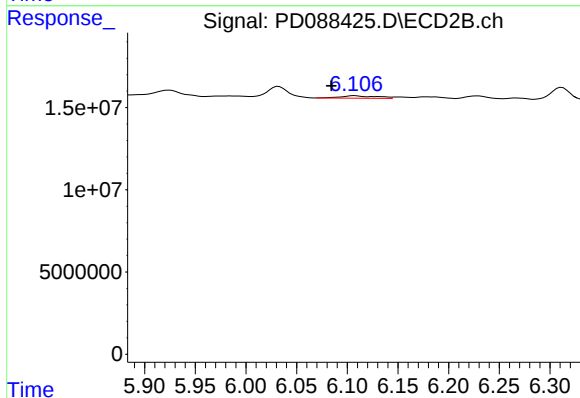
R.T.: 5.795 min
Delta R.T.: 0.002 min
Response: 3904140
Conc: 0.21 ng/ml



#15 Endosulfan II

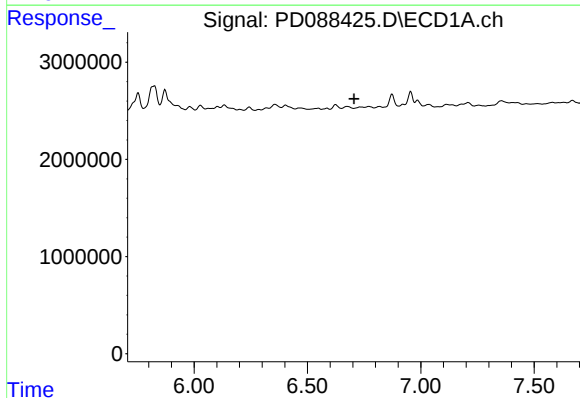
R.T.: 6.772 min
Delta R.T.: -0.015 min
Response: 186005
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM072



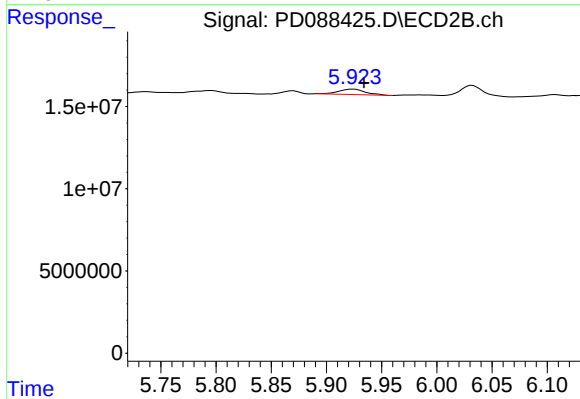
#15 Endosulfan II

R.T.: 6.107 min
Delta R.T.: 0.023 min
Response: 3776844
Conc: 0.22 ng/ml



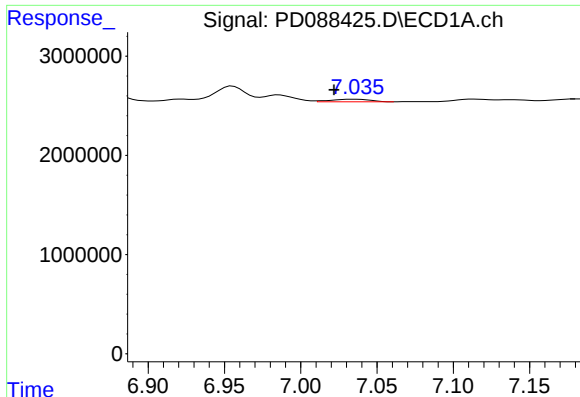
#16 4,4'-DDD

R.T.: 6.731 min
Delta R.T.: 0.025 min
Response: -161220
Conc: N.D.



#16 4,4'-DDD

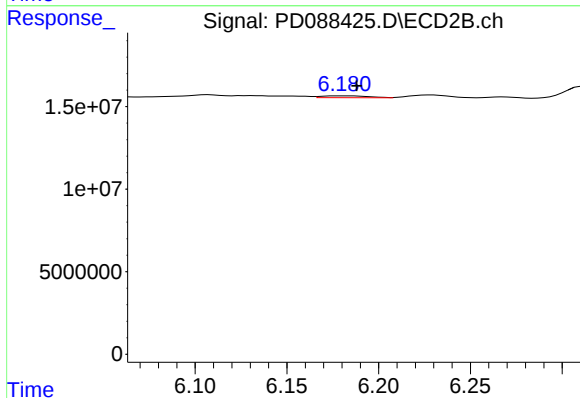
R.T.: 5.924 min
Delta R.T.: -0.010 min
Response: 5664245
Conc: 0.35 ng/ml



#17 4,4'-DDT

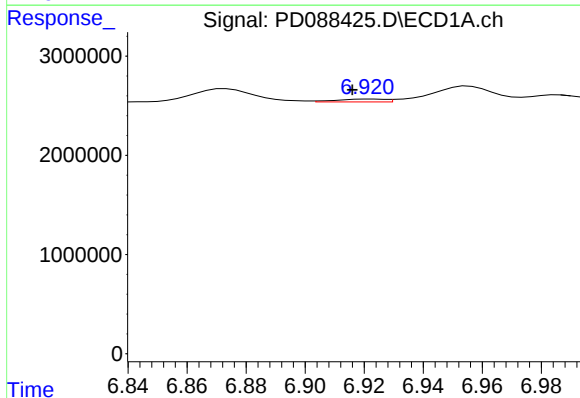
R.T.: 7.036 min
Delta R.T.: 0.014 min
Response: 477416
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM072



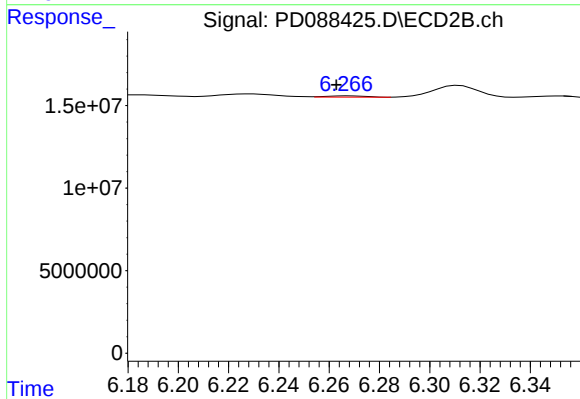
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: -0.009 min
Response: 2023217
Conc: 0.12 ng/ml



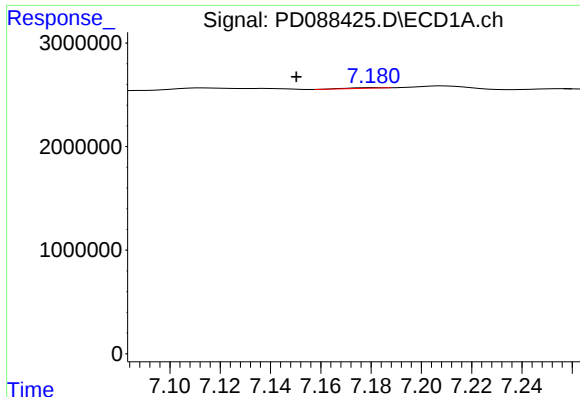
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.006 min
Response: 327840
Conc: 0.14 ng/ml



#18 Endrin aldehyde

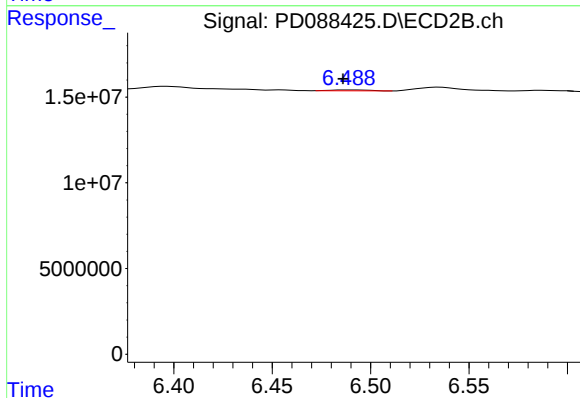
R.T.: 6.267 min
Delta R.T.: 0.004 min
Response: 815346
Conc: 0.06 ng/ml



#19 Endosulfan Sulfate

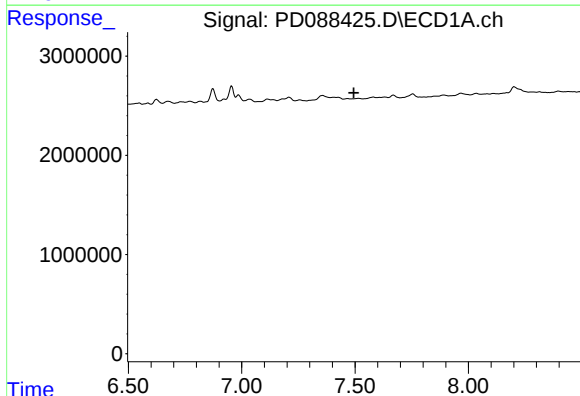
R.T.: 7.182 min
Delta R.T.: 0.032 min
Response: 50321
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM072



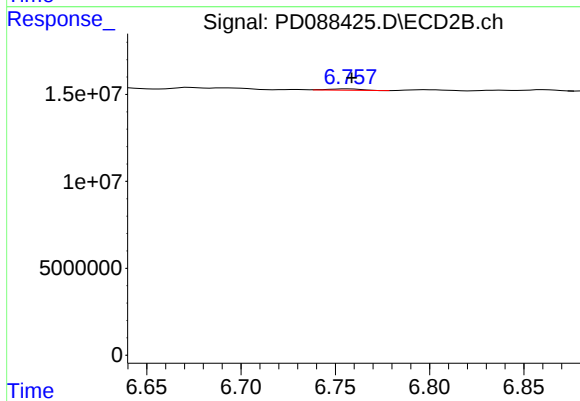
#19 Endosulfan Sulfate

R.T.: 6.489 min
Delta R.T.: 0.003 min
Response: 672090
Conc: 0.04 ng/ml



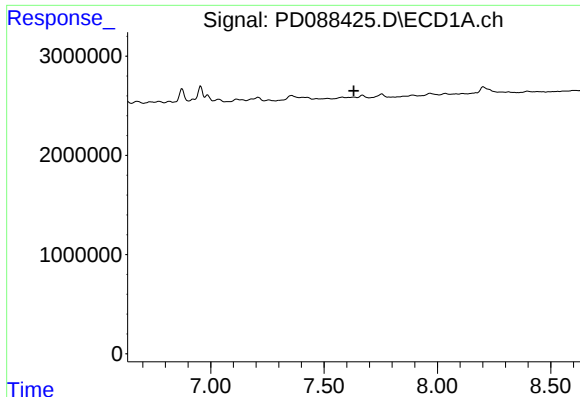
#20 Methoxychlor

R.T.: 0.000 min
Exp R.T. : 7.495 min
Response: 0
Conc: N.D.



#20 Methoxychlor

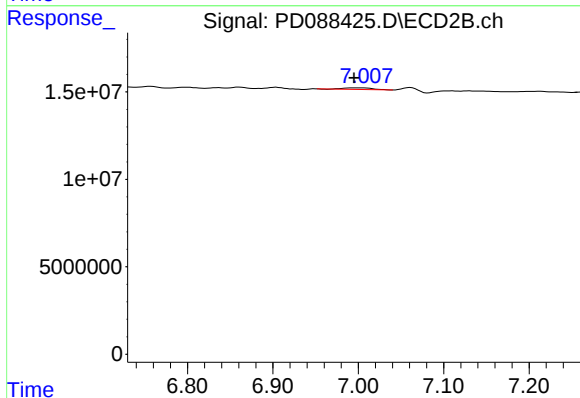
R.T.: 6.757 min
Delta R.T.: -0.001 min
Response: 957743
Conc: 0.11 ng/ml



#21 Endrin ketone

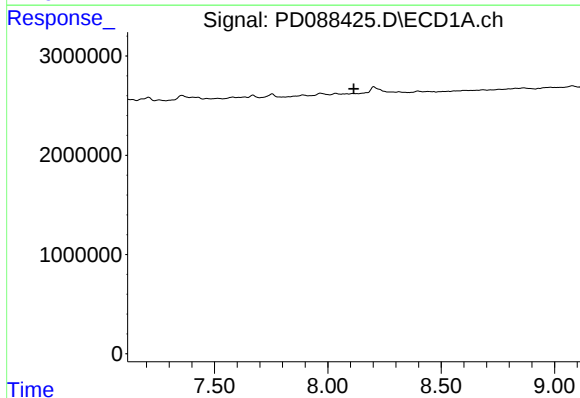
R.T.: 0.000 min
Exp R.T.: 7.631 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM072



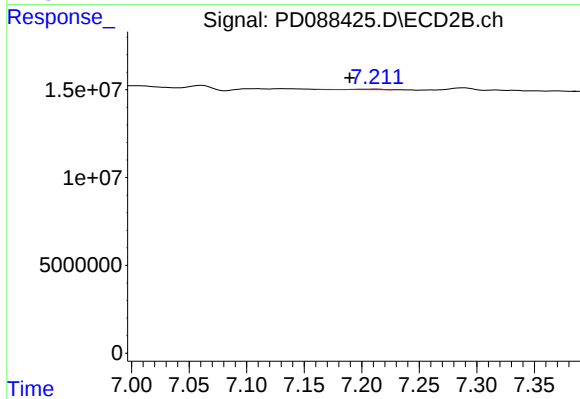
#21 Endrin ketone

R.T.: 6.994 min
Delta R.T.: -0.001 min
Response: 2088990
Conc: 0.11 ng/ml



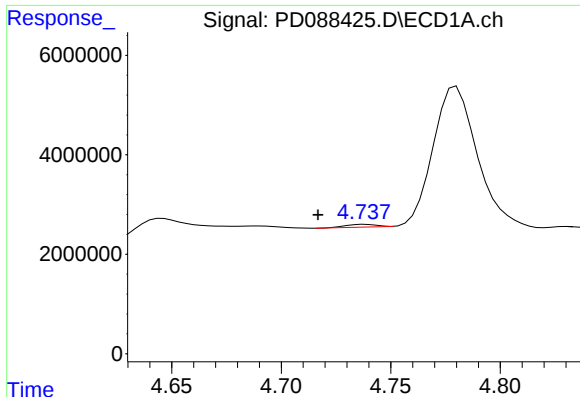
#22 Mirex

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



#22 Mirex

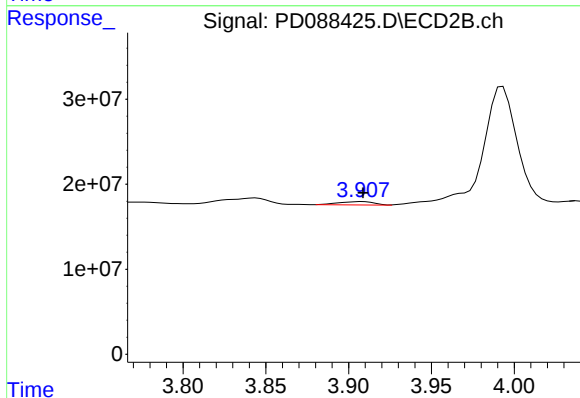
R.T.: 7.213 min
Delta R.T.: 0.023 min
Response: 362871
Conc: 0.02 ng/ml



#23 Chlordane-1

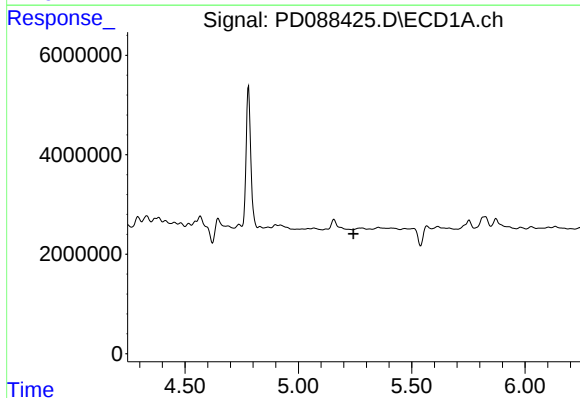
R.T.: 4.738 min
Delta R.T.: 0.021 min
Response: 513890
Conc: 3.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM072



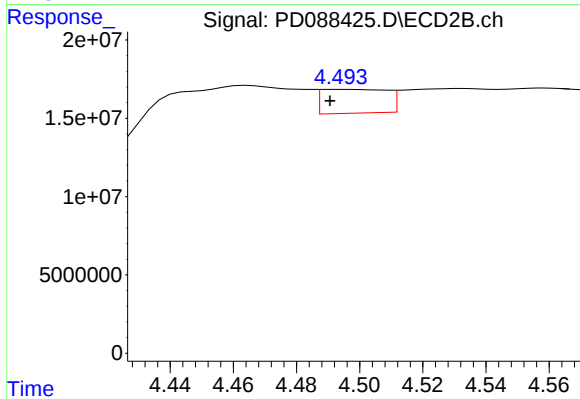
#23 Chlordane-1

R.T.: 3.909 min
Delta R.T.: 0.000 min
Response: 5810810
Conc: 7.25 ng/ml



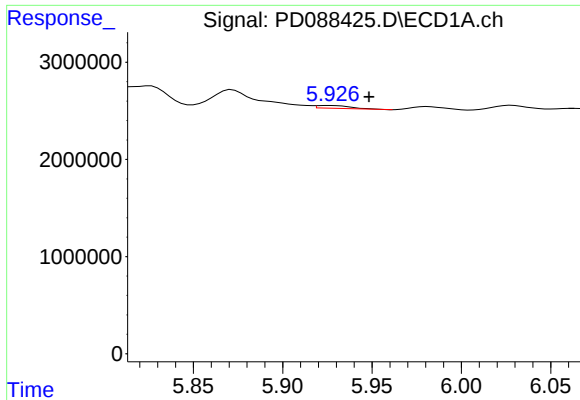
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.243 min
Response: 0
Conc: N.D.



#24 Chlordane-2

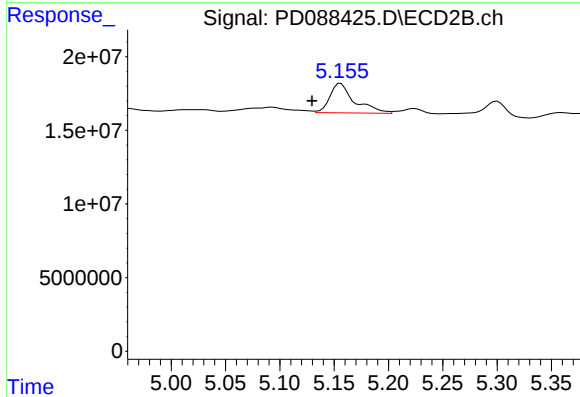
R.T.: 4.495 min
Delta R.T.: 0.004 min
Response: 21953097
Conc: 26.60 ng/ml



#25 Chlordane-3

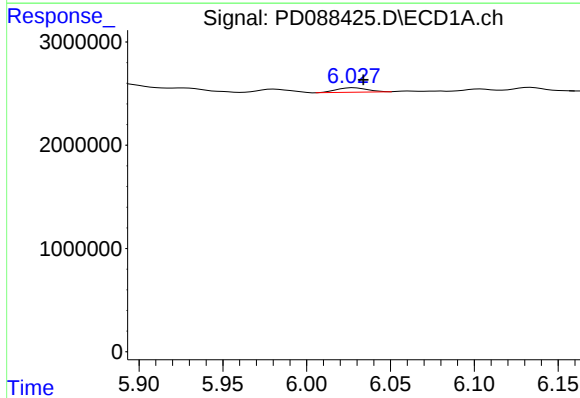
R.T.: 5.926 min
Delta R.T.: -0.022 min
Response: 370938
Conc: 0.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM072



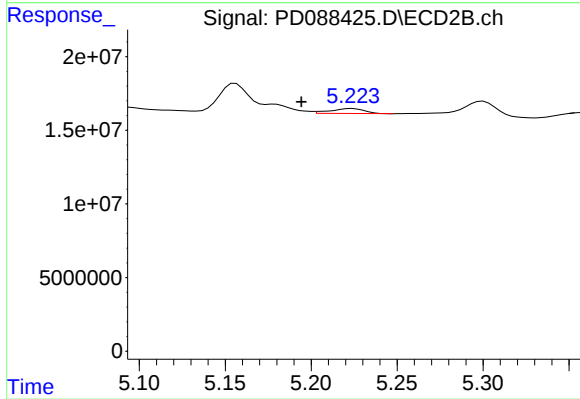
#25 Chlordane-3

R.T.: 5.156 min
Delta R.T.: 0.027 min
Response: 31465187
Conc: 12.44 ng/ml



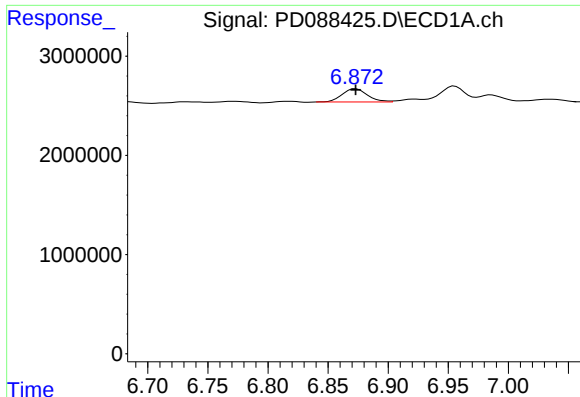
#26 Chlordane-4

R.T.: 6.028 min
Delta R.T.: -0.006 min
Response: 546712
Conc: 0.67 ng/ml



#26 Chlordane-4

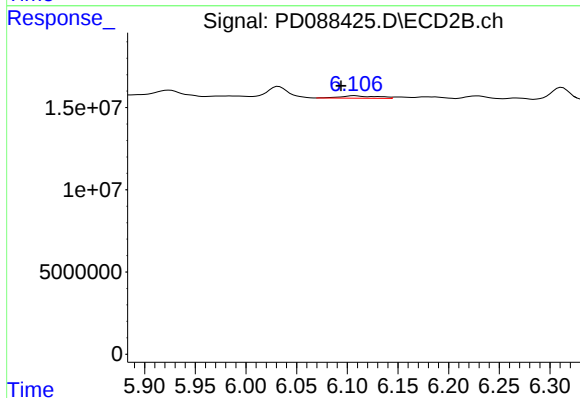
R.T.: 5.224 min
Delta R.T.: 0.030 min
Response: 4549759
Conc: 2.13 ng/ml



#27 Chlordane-5

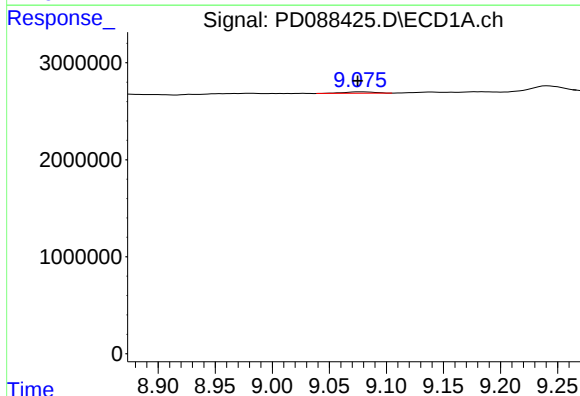
R.T.: 6.873 min
Delta R.T.: 0.000 min
Response: 1956084
Conc: 14.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM072



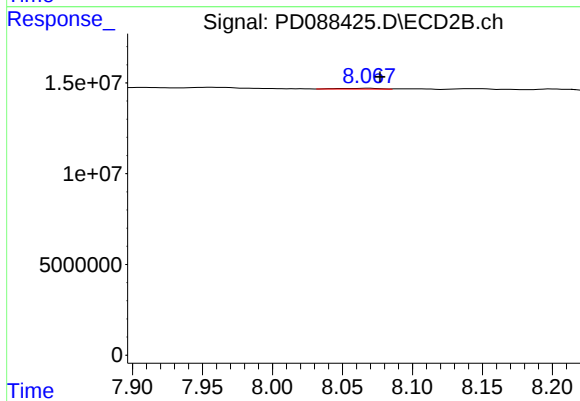
#27 Chlordane-5

R.T.: 6.107 min
Delta R.T.: 0.014 min
Response: 3776844
Conc: 3.91 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: 0.001 min
Response: 265100
Conc: 0.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.068 min
Delta R.T.: -0.008 min
Response: 824495
Conc: 0.04 ng/ml