

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080725\
 Data File : PD089767.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2025 09:36
 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: Aug 07 03:06:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 07:03:58 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...	3.555	2.877	49620256	374.9E6	20.117	23.673
28)	SA Decachlor...	9.074	8.067	77827584	462.3E6	20.942	23.026
Target Compounds							
2)	A alpha-BHC	4.004	3.389	47657645	308.6E6	9.621	12.698 #
3)	MA gamma-BHC...	4.335	3.726	46749824	284.8E6	9.837	12.644 #
4)	MA Heptachlor	4.934	4.077	199002	1311358	0.041	0.057 #
5)	MB Aldrin	5.268	4.360	122096	1013014	0.027	0.046 #
6)	B beta-BHC	4.521	4.022	20017370	124.2E6	10.851	12.875
7)	B delta-BHC	4.765	4.254	368876	693406	0.080	0.031 #
8)	B Heptachlo...	5.687	4.868	3298179	438010	0.789	0.021 #
9)	A Endosulfan I	0.000	5.225f	0	3253309	N.D.	0.166 #
10)	B gamma-Chl...	5.949	5.122	421899	8802639	0.101	0.407 #
11)	B alpha-Chl...	6.037	5.185	760665	7935834	0.181	0.381 #
12)	B 4,4'-DDE	6.200	5.373	135955	2407371	0.036	0.114 #
13)	MA Dieldrin	6.374f	0.000	227425	0	0.054	N.D. #
14)	MA Endrin	6.578	5.785	173.2E6	1094.3E6	48.406	54.922
15)	B Endosulfa...	6.774	6.083	312832	3370696	0.085	0.179 #
16)	A 4,4'-DDD	6.709	5.926	6397113	51032115	2.136	2.894 #
17)	MA 4,4'-DDT	7.025	6.179	319.7E6	2032.4E6	95.140	110.621
18)	B Endrin al...	6.919	6.254	1502029	18960558	0.602	1.467 #
19)	B Endosulfa...	0.000	6.452f	0	1822354	N.D.	0.098 #
20)	A Methoxychlor	7.496	6.749	395.6E6	2203.9E6	221.284	224.990
21)	B Endrin ke...	7.633	6.986	3576268	47623090	0.963	2.373 #
22)	Mirex	8.120	7.173	225702	4016187	0.081	0.264 #
23)	Chlordane-1	0.000	3.900	0	1335814	N.D.	1.826 #
24)	Chlordane-2	5.255	4.482	287646	2617268	1.693	3.424 #
25)	Chlordane-3	5.949	5.122	421899	8802639	0.615	3.804 #
26)	Chlordane-4	6.037	5.185	760665	7935834	0.909	3.989 #
27)	Chlordane-5	6.873	6.083	27146	3370696	0.188	3.726 #

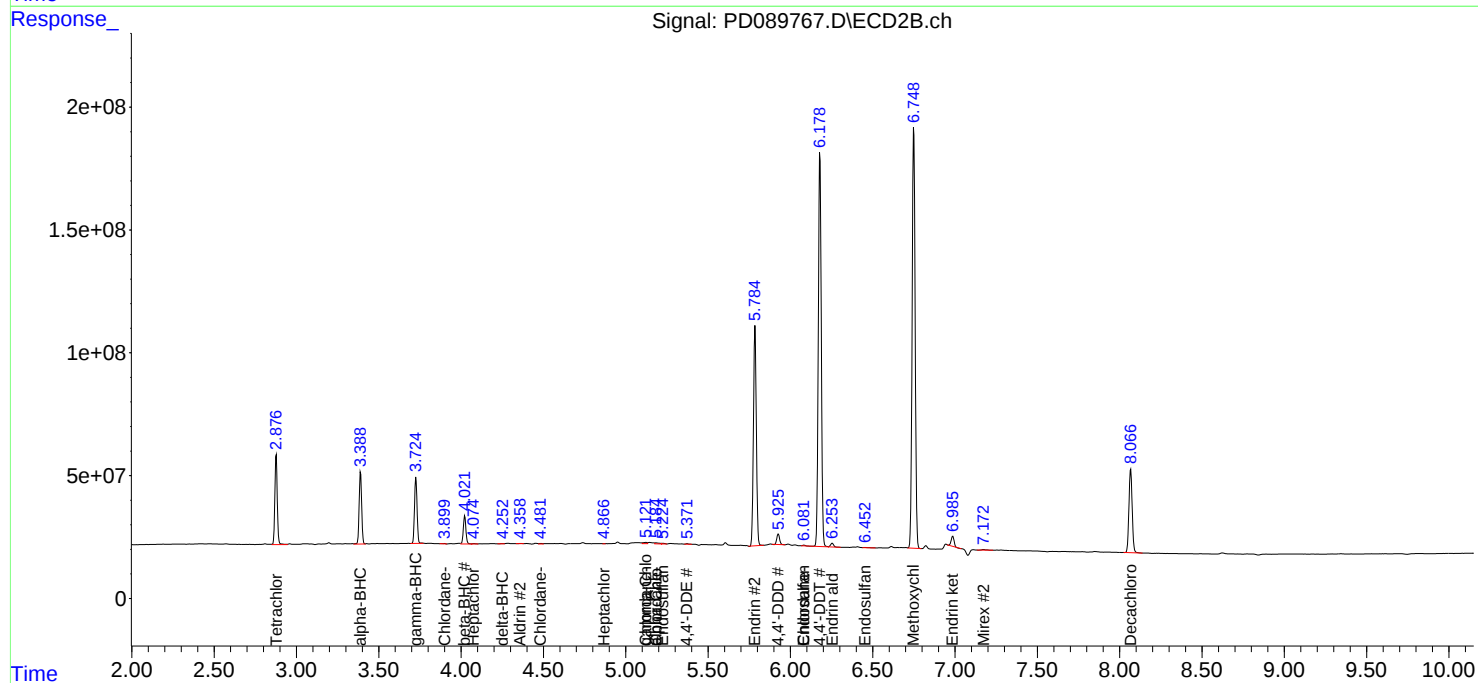
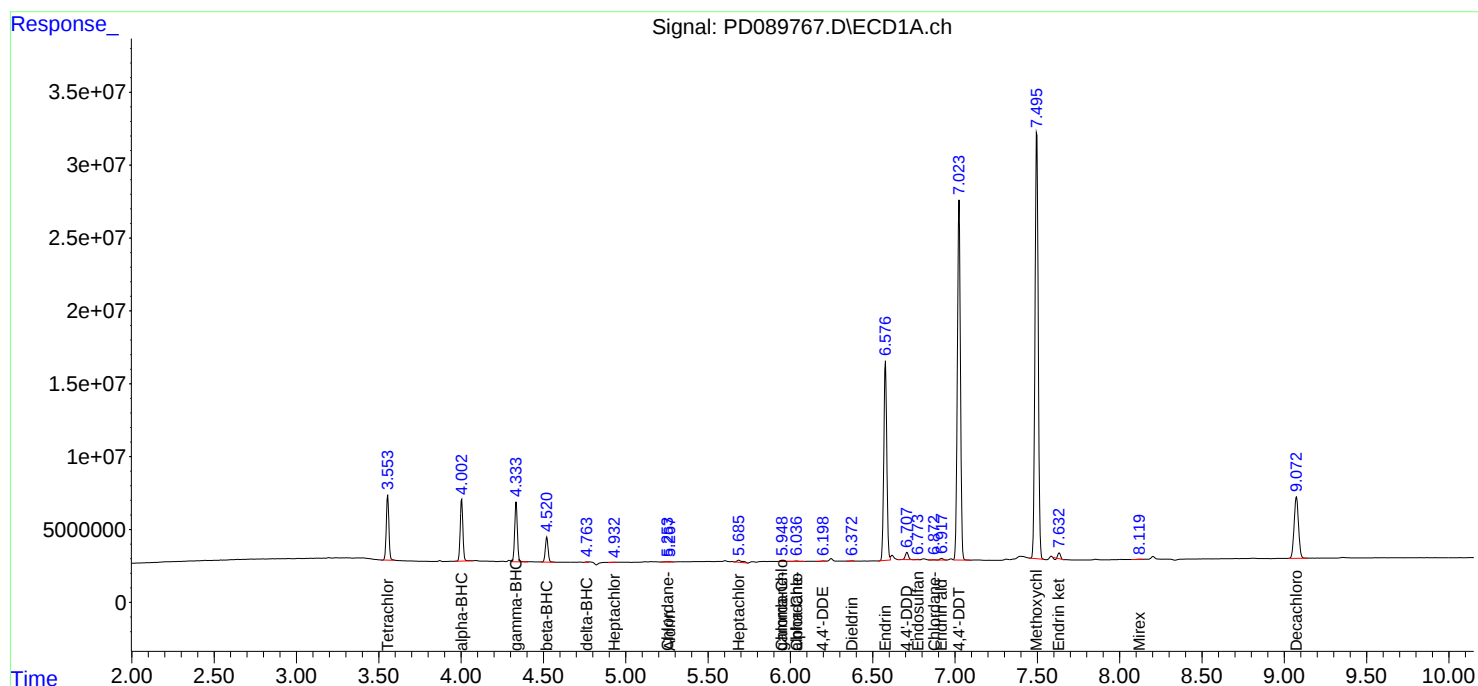
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

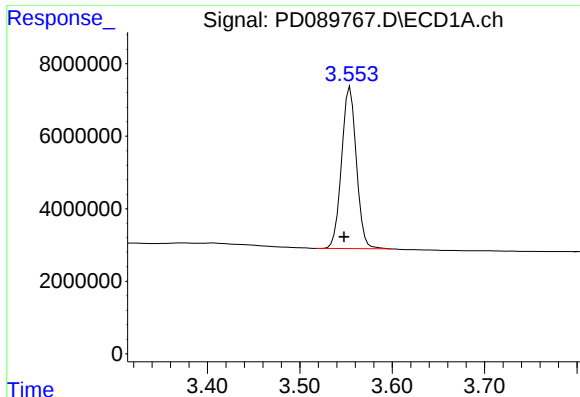
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD080725\
Data File : PD089767.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2025 09:36
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 07 03:06:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD073125.M
Quant Title : GC Extractables
QLast Update : Fri Aug 01 07:03:58 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

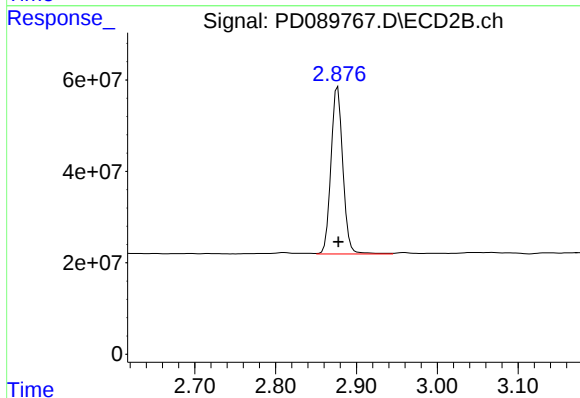




#1 Tetrachloro-m-xylene

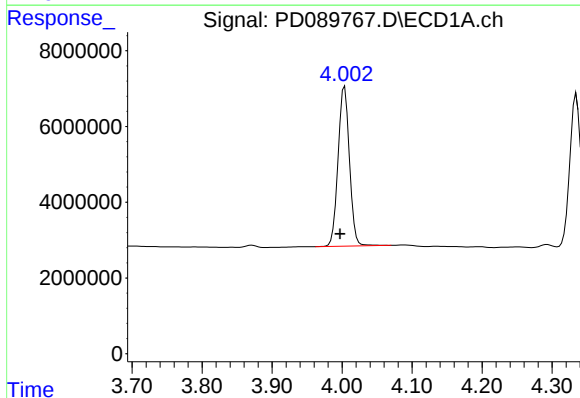
R.T.: 3.555 min
Delta R.T.: 0.007 min
Response: 49620256
Conc: 20.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



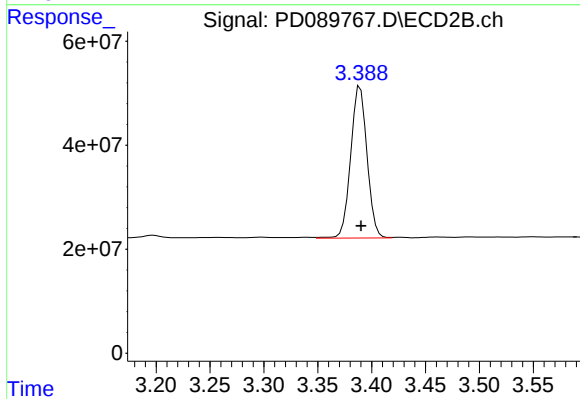
#1 Tetrachloro-m-xylene

R.T.: 2.877 min
Delta R.T.: 0.000 min
Response: 374925166
Conc: 23.67 ng/ml



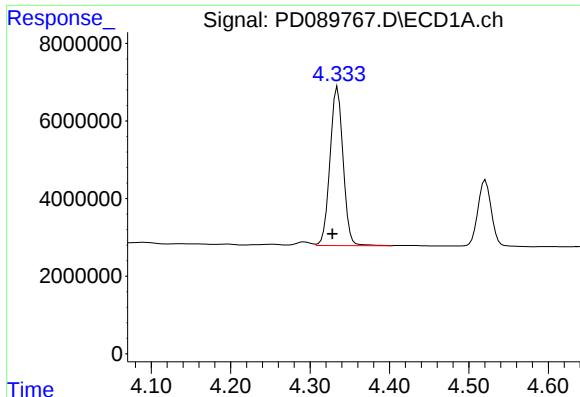
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.007 min
Response: 47657645
Conc: 9.62 ng/ml



#2 alpha-BHC

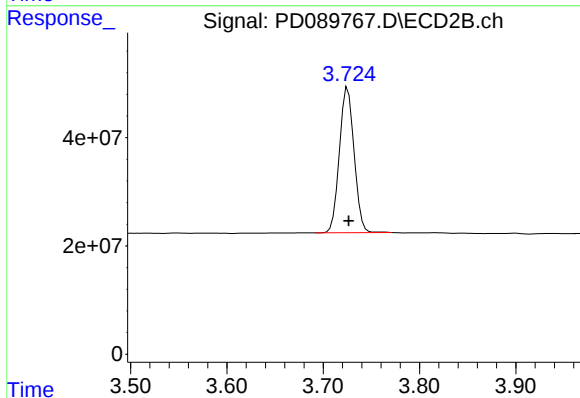
R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 308618288
Conc: 12.70 ng/ml



#3 gamma-BHC (Lindane)

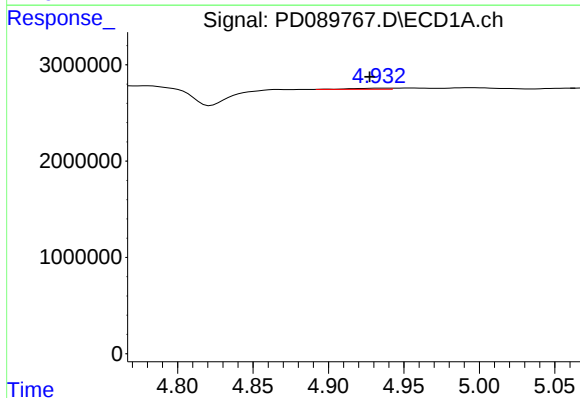
R.T.: 4.335 min
Delta R.T.: 0.006 min
Response: 46749824
Conc: 9.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



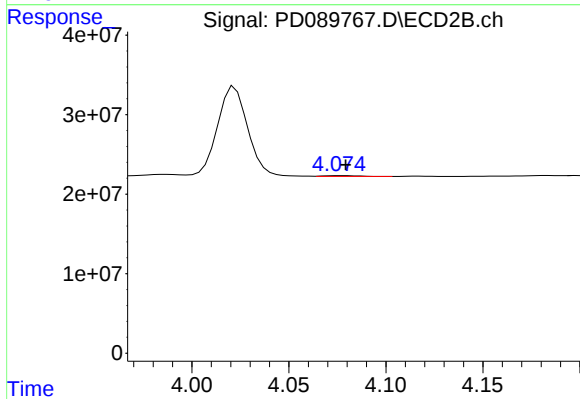
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: 0.000 min
Response: 284798764
Conc: 12.64 ng/ml



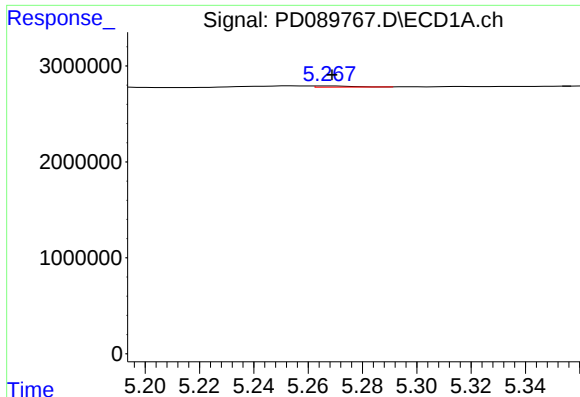
#4 Heptachlor

R.T.: 4.934 min
Delta R.T.: 0.007 min
Response: 199002
Conc: 0.04 ng/ml



#4 Heptachlor

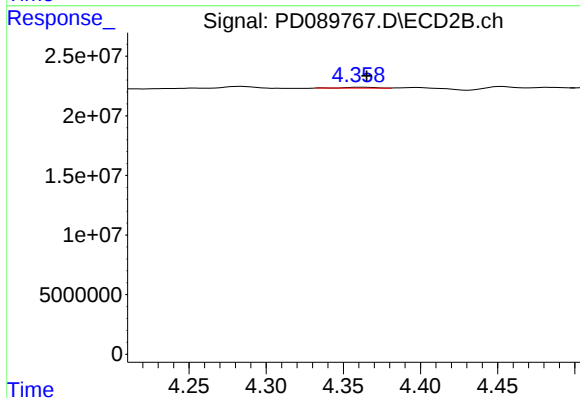
R.T.: 4.077 min
Delta R.T.: -0.003 min
Response: 1311358
Conc: 0.06 ng/ml



#5 Aldrin

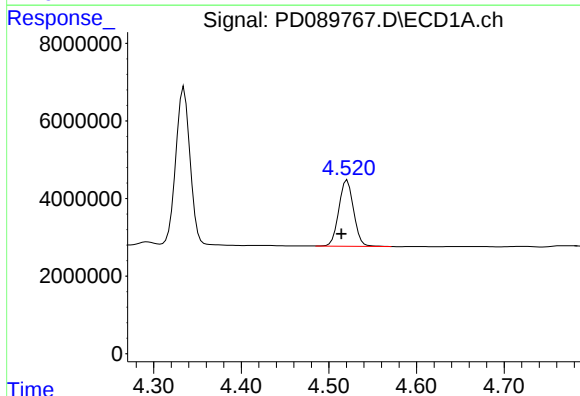
R.T.: 5.268 min
Delta R.T.: 0.000 min
Response: 122096
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



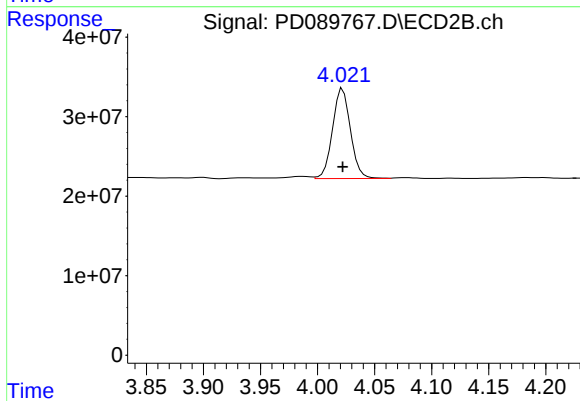
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: -0.005 min
Response: 1013014
Conc: 0.05 ng/ml



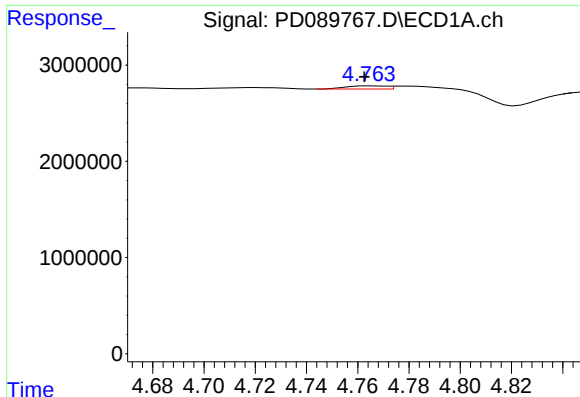
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: 0.007 min
Response: 20017370
Conc: 10.85 ng/ml



#6 beta-BHC

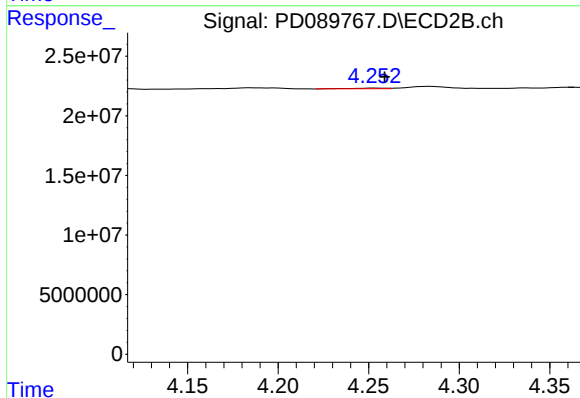
R.T.: 4.022 min
Delta R.T.: 0.000 min
Response: 124234264
Conc: 12.88 ng/ml



#7 delta-BHC

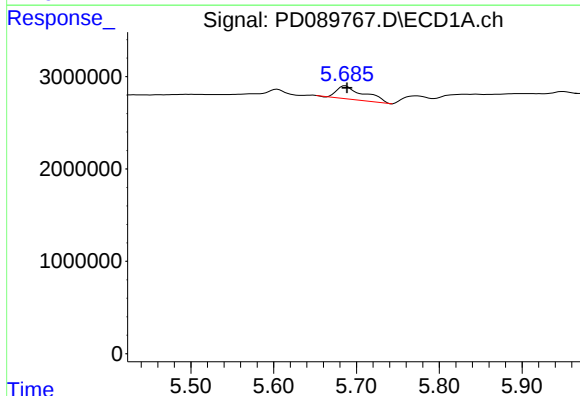
R.T.: 4.765 min
Delta R.T.: 0.002 min
Response: 368876
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



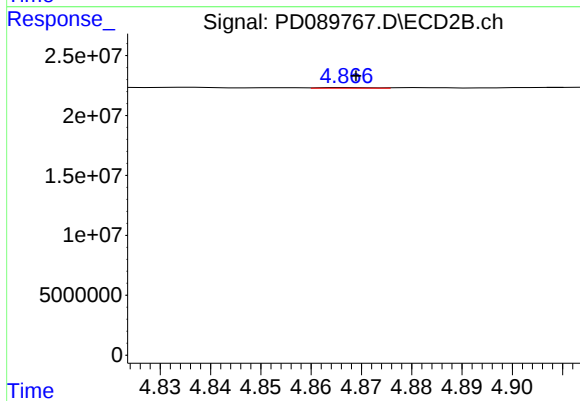
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.005 min
Response: 693406
Conc: 0.03 ng/ml



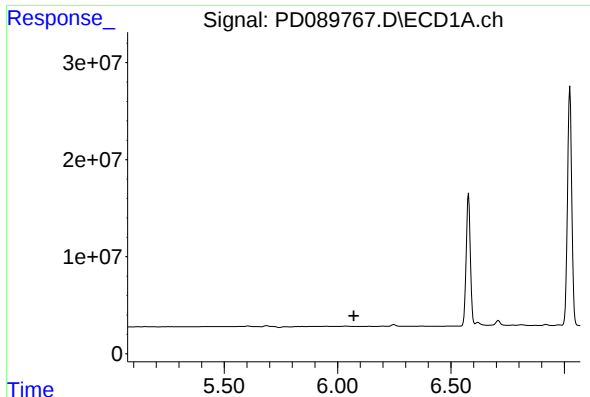
#8 Heptachlor epoxide

R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 3298179
Conc: 0.79 ng/ml



#8 Heptachlor epoxide

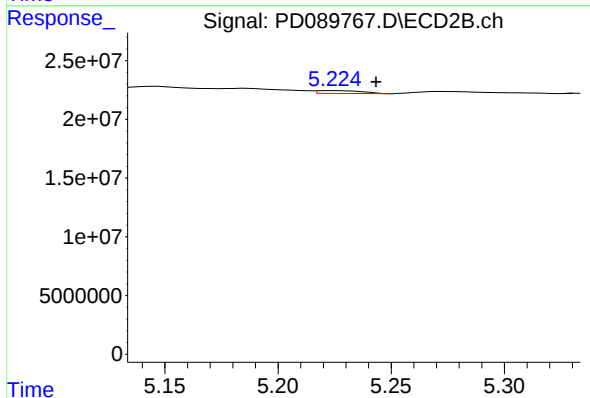
R.T.: 4.868 min
Delta R.T.: 0.000 min
Response: 438010
Conc: 0.02 ng/ml



#9 Endosulfan I

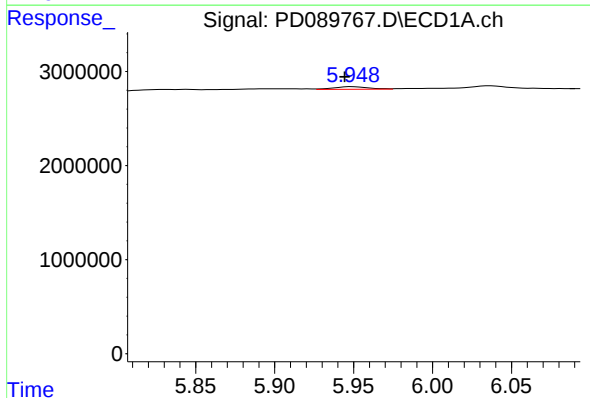
R.T.: 0.000 min
Exp R.T.: 6.072 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



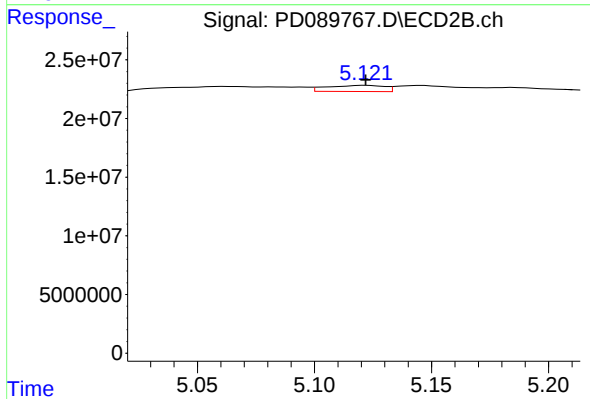
#9 Endosulfan I

R.T.: 5.225 min
Delta R.T.: -0.018 min
Response: 3253309
Conc: 0.17 ng/ml



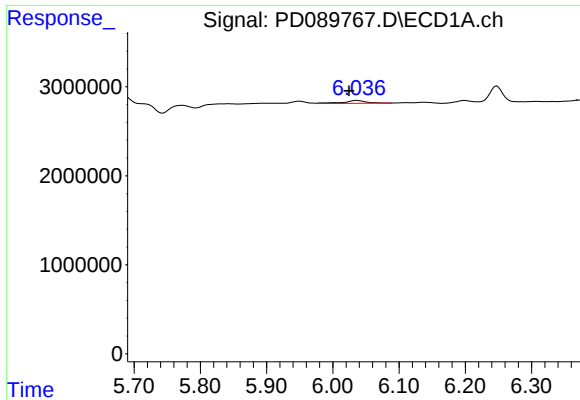
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: 0.005 min
Response: 421899
Conc: 0.10 ng/ml



#10 gamma-Chlordane

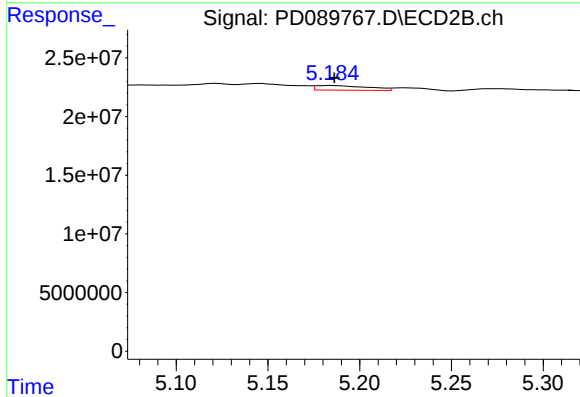
R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 8802639
Conc: 0.41 ng/ml



#11 alpha-Chlordane

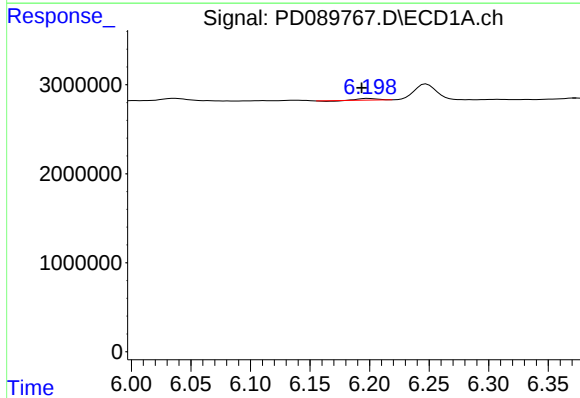
R.T.: 6.037 min
Delta R.T.: 0.012 min
Response: 760665
Conc: 0.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



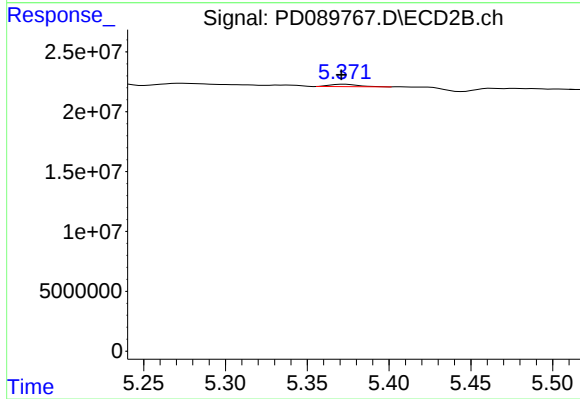
#11 alpha-Chlordane

R.T.: 5.185 min
Delta R.T.: -0.001 min
Response: 7935834
Conc: 0.38 ng/ml



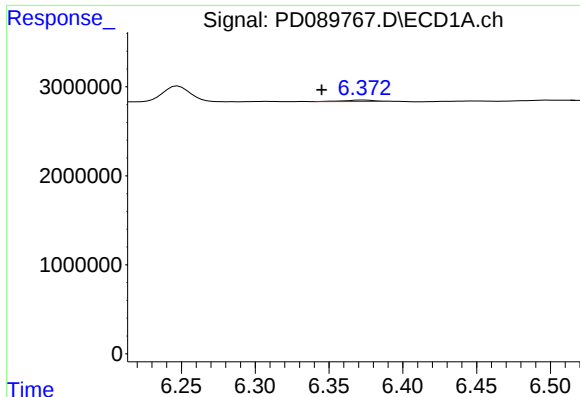
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.006 min
Response: 135955
Conc: 0.04 ng/ml



#12 4,4'-DDE

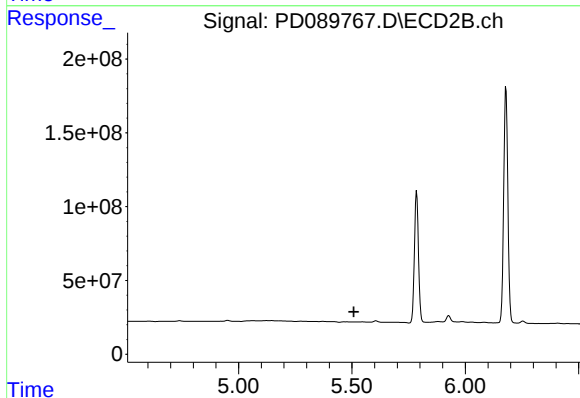
R.T.: 5.373 min
Delta R.T.: 0.002 min
Response: 2407371
Conc: 0.11 ng/ml



#13 Dieldrin

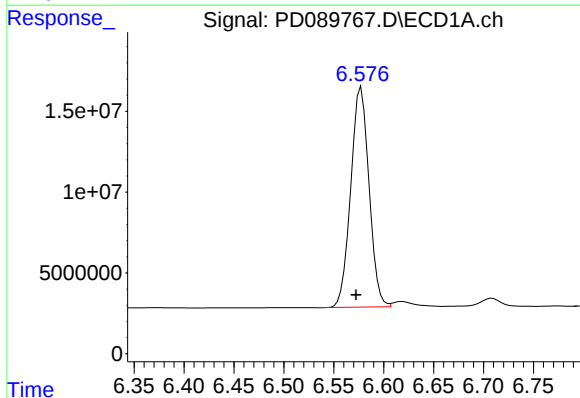
R.T.: 6.374 min
Delta R.T.: 0.029 min
Response: 227425
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



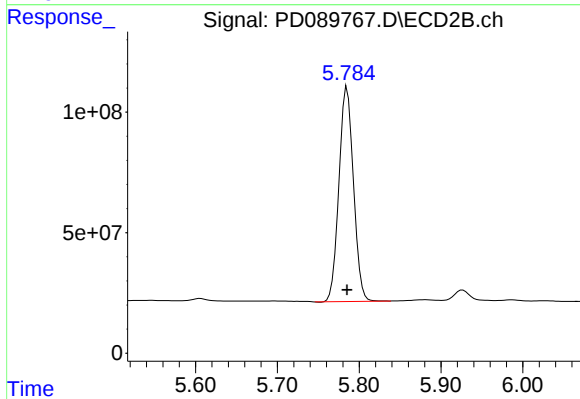
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.509 min
Response: 0
Conc: N.D.



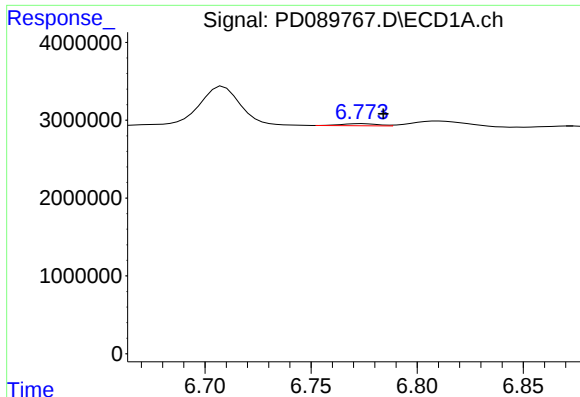
#14 Endrin

R.T.: 6.578 min
Delta R.T.: 0.005 min
Response: 173182273
Conc: 48.41 ng/ml



#14 Endrin

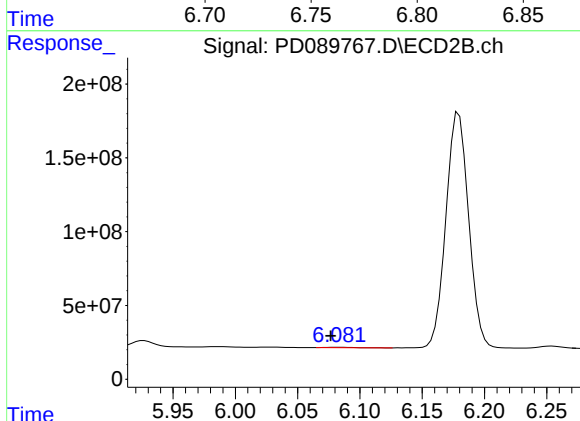
R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 1094339875
Conc: 54.92 ng/ml



#15 Endosulfan II

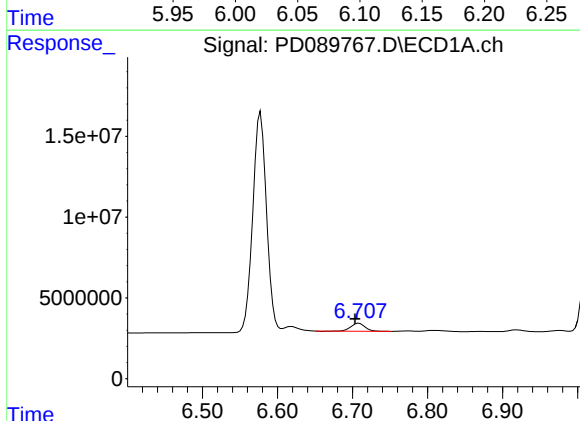
R.T.: 6.774 min
Delta R.T.: -0.010 min
Response: 312832
Conc: 0.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



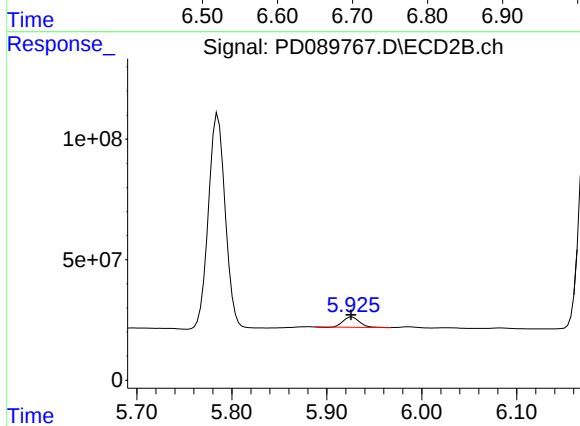
#15 Endosulfan II

R.T.: 6.083 min
Delta R.T.: 0.006 min
Response: 3370696
Conc: 0.18 ng/ml



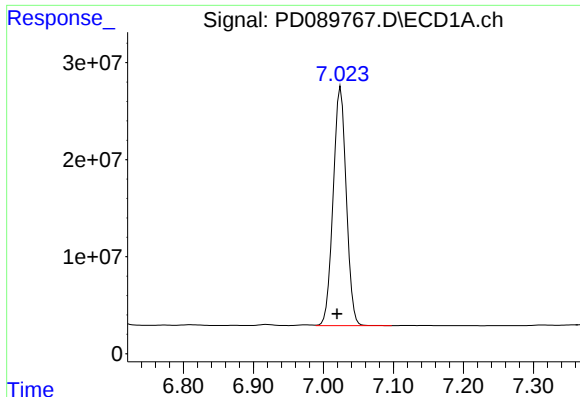
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.005 min
Response: 6397113
Conc: 2.14 ng/ml



#16 4,4'-DDD

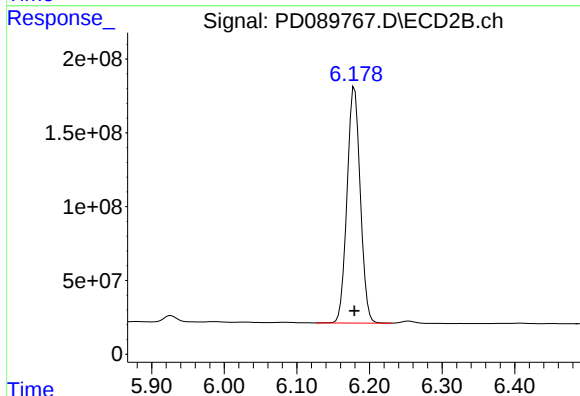
R.T.: 5.926 min
Delta R.T.: 0.001 min
Response: 51032115
Conc: 2.89 ng/ml



#17 4,4'-DDT

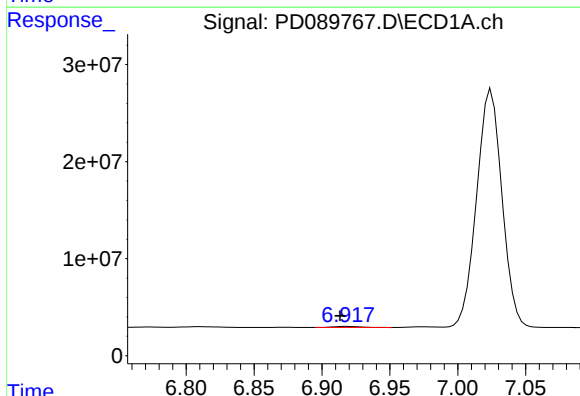
R.T.: 7.025 min
Delta R.T.: 0.005 min
Response: 319694899
Conc: 95.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



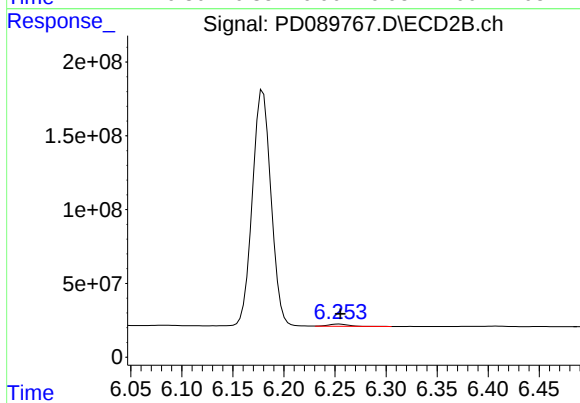
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: 0.000 min
Response: 2032406667
Conc: 110.62 ng/ml



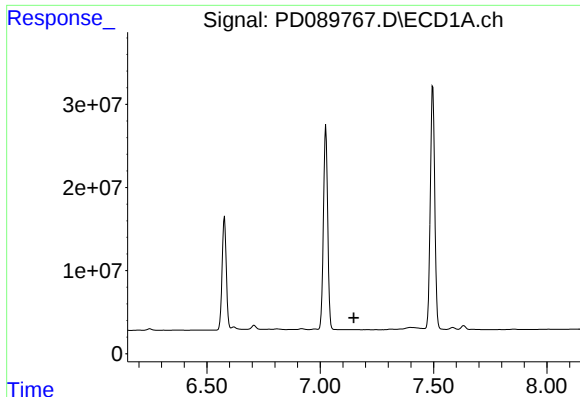
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: 0.006 min
Response: 1502029
Conc: 0.60 ng/ml



#18 Endrin aldehyde

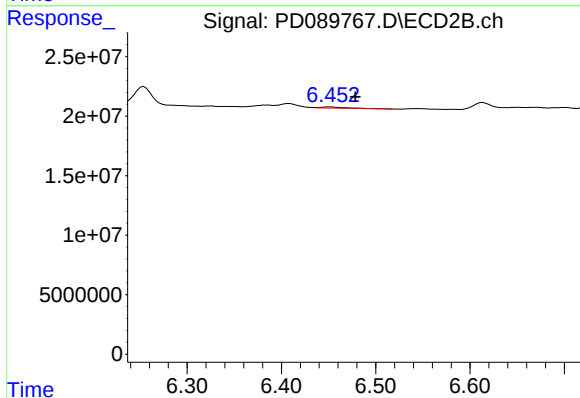
R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 18960558
Conc: 1.47 ng/ml



#19 Endosulfan Sulfate

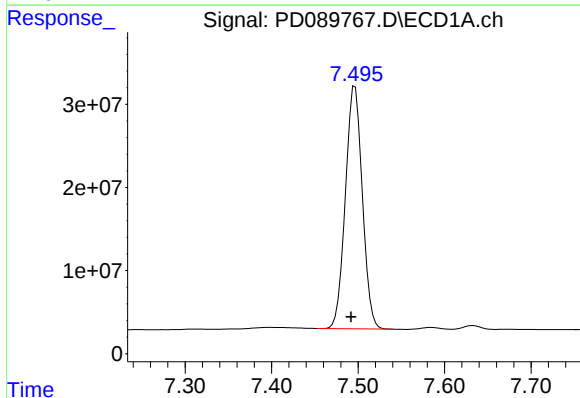
R.T.: 0.000 min
Exp R.T.: 7.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



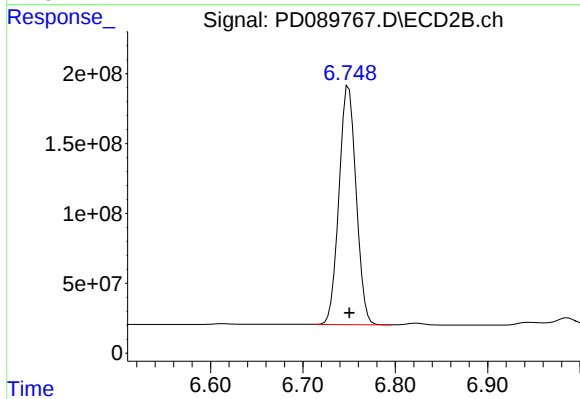
#19 Endosulfan Sulfate

R.T.: 6.452 min
Delta R.T.: -0.027 min
Response: 1822354
Conc: 0.10 ng/ml



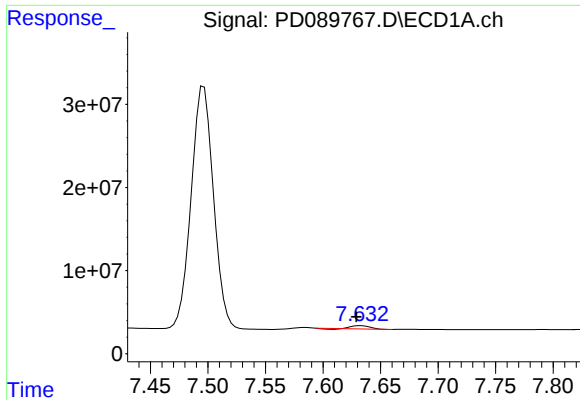
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: 0.005 min
Response: 395649419
Conc: 221.28 ng/ml



#20 Methoxychlor

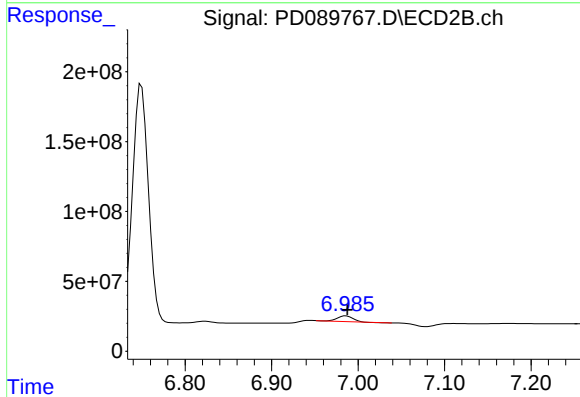
R.T.: 6.749 min
Delta R.T.: 0.000 min
Response: 2203892666
Conc: 224.99 ng/ml



#21 Endrin ketone

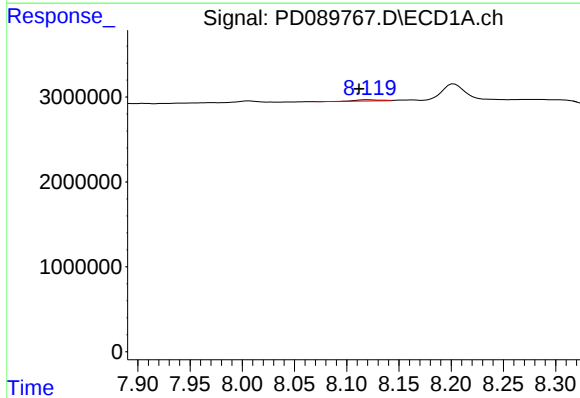
R.T.: 7.633 min
Delta R.T.: 0.004 min
Response: 3576268
Conc: 0.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



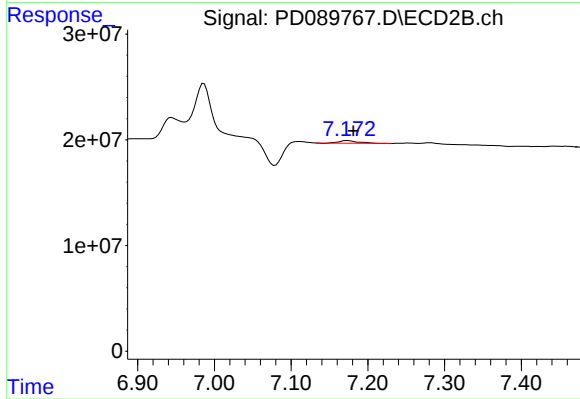
#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: -0.001 min
Response: 47623090
Conc: 2.37 ng/ml



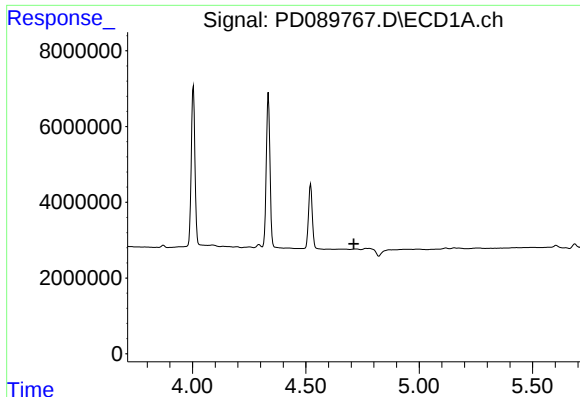
#22 Mirex

R.T.: 8.120 min
Delta R.T.: 0.008 min
Response: 225702
Conc: 0.08 ng/ml



#22 Mirex

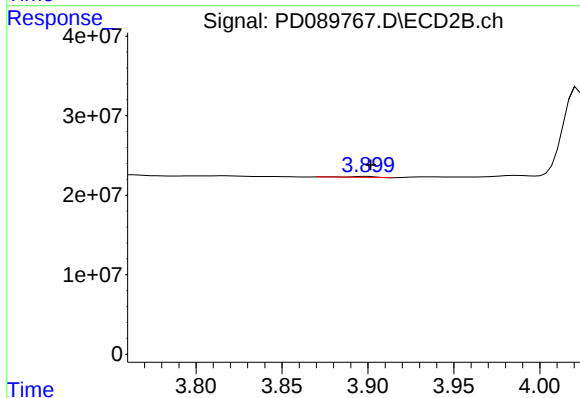
R.T.: 7.173 min
Delta R.T.: -0.008 min
Response: 4016187
Conc: 0.26 ng/ml



#23 Chlordane-1

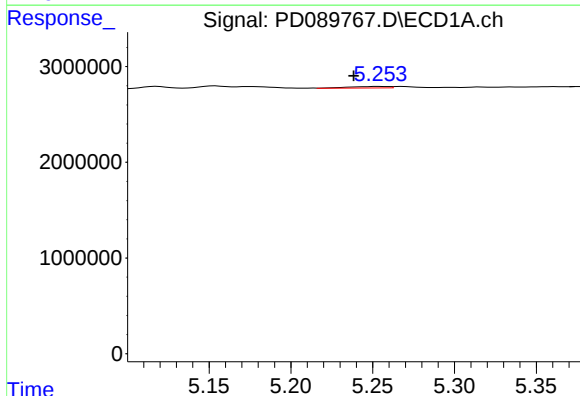
R.T.: 0.000 min
Exp R.T.: 4.712 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



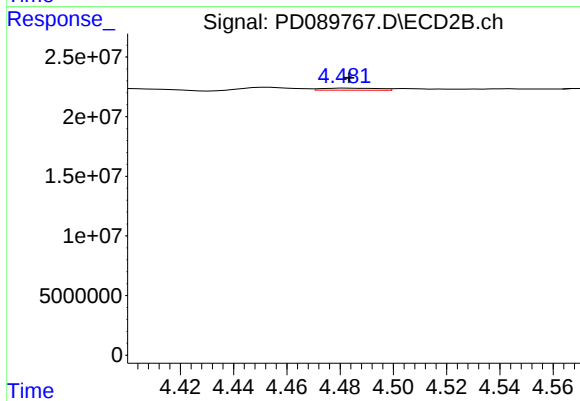
#23 Chlordane-1

R.T.: 3.900 min
Delta R.T.: -0.002 min
Response: 1335814
Conc: 1.83 ng/ml



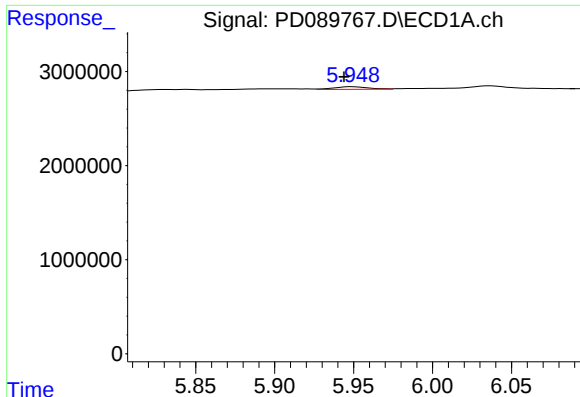
#24 Chlordane-2

R.T.: 5.255 min
Delta R.T.: 0.016 min
Response: 287646
Conc: 1.69 ng/ml



#24 Chlordane-2

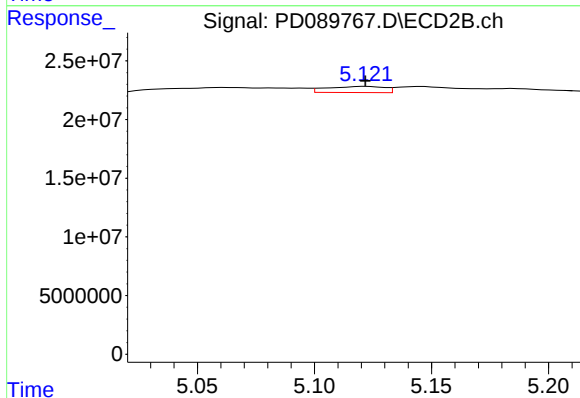
R.T.: 4.482 min
Delta R.T.: -0.001 min
Response: 2617268
Conc: 3.42 ng/ml



#25 Chlordane-3

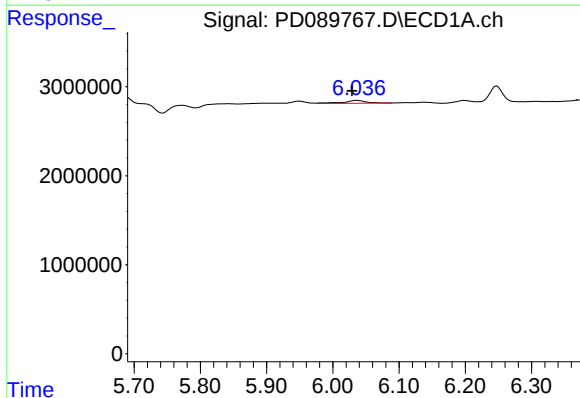
R.T.: 5.949 min
Delta R.T.: 0.006 min
Response: 421899
Conc: 0.62 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



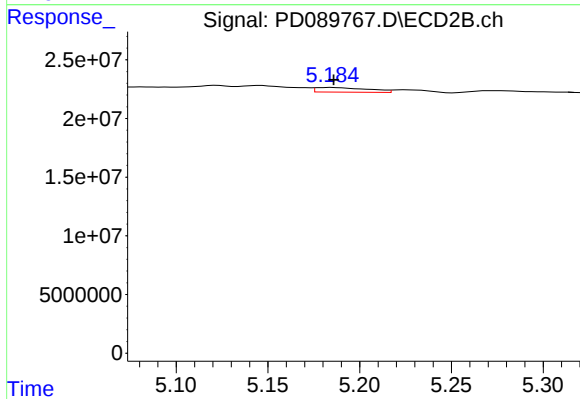
#25 Chlordane-3

R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 8802639
Conc: 3.80 ng/ml



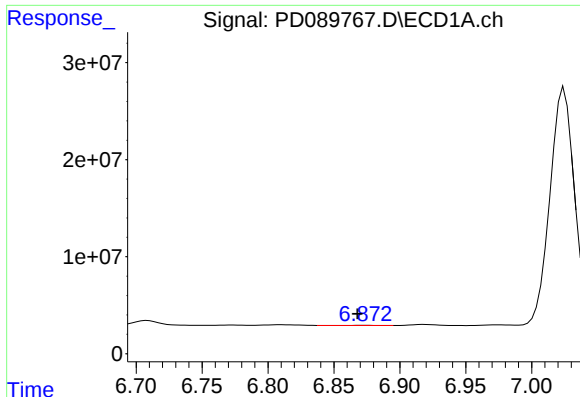
#26 Chlordane-4

R.T.: 6.037 min
Delta R.T.: 0.008 min
Response: 760665
Conc: 0.91 ng/ml



#26 Chlordane-4

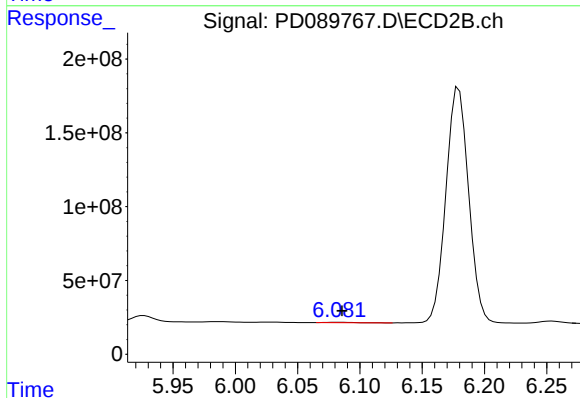
R.T.: 5.185 min
Delta R.T.: 0.000 min
Response: 7935834
Conc: 3.99 ng/ml



#27 Chlordane-5

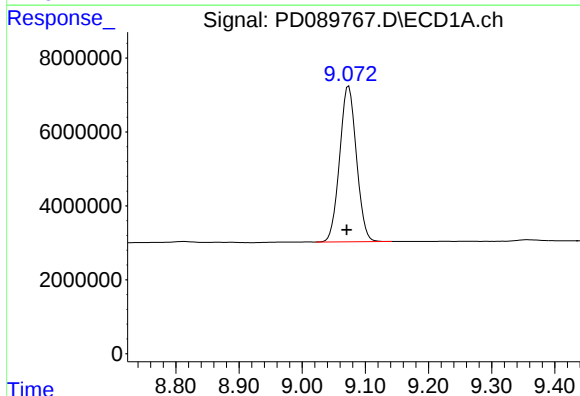
R.T.: 6.873 min
Delta R.T.: 0.005 min
Response: 27146
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



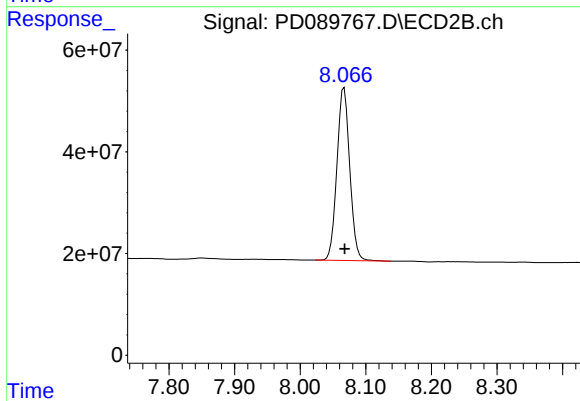
#27 Chlordane-5

R.T.: 6.083 min
Delta R.T.: -0.003 min
Response: 3370696
Conc: 3.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: 0.003 min
Response: 77827584
Conc: 20.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.067 min
Delta R.T.: 0.000 min
Response: 462318067
Conc: 23.03 ng/ml