

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062425\
 Data File : PD089096.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jun 2025 09:35
 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 25 01:50:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 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	2.880	54996393	340.4E6	19.276	20.078
28)	SA Decachlor...	9.071	8.070	75083631	371.0E6	19.117	18.764
Target Compounds							
2)	A alpha-BHC	3.999	3.392	51722290	276.7E6	8.873	10.325
3)	MA gamma-BHC...	4.330	3.729	51523285	257.0E6	9.231	10.381
4)	MA Heptachlor	0.000	4.081	0	1055866	N.D.	0.042 #
5)	MB Aldrin	5.251f	4.362	344100	997199	0.065	0.041 #
6)	B beta-BHC	4.516	4.024	21724362	113.0E6	9.843	10.519
7)	B delta-BHC	4.758	4.257	649090	746136	0.126	0.030 #
8)	A Heptachlo...	5.676	4.865	419318	524682	0.087	0.024 #
9)	A Endosulfan I	6.069	5.274f	37861	2504621	0.008	0.120 #
10)	B gamma-Chl...	5.940	5.125	279965	31879174	0.058	1.333 #
11)	B alpha-Chl...	6.033	5.188	858895	9009552	0.178	0.393 #
12)	B 4,4'-DDE	6.197	5.375	431104	2469011	0.099	0.108
13)	MA Dieldrin	6.366f	5.511	2369786	282478	0.494	0.012 #
14)	MA Endrin	6.573	5.787	188.1E6	966.2E6	45.596	44.496
15)	B Endosulfa...	6.771f	6.085	414627	4484741	0.103	0.222 #
16)	A 4,4'-DDD	6.704	5.928	7415592	47098132	2.161	2.462
17)	MA 4,4'-DDT	7.020	6.182	326.4E6	1696.9E6	86.174	83.674
18)	B Endrin al...	6.915	6.256	1800793	14419860	0.588	0.942 #
19)	B Endosulfa...	0.000	6.461f	0	1182707	N.D.	0.060 #
20)	A Methoxychlor	7.492	6.752	385.1E6	1763.4E6	190.580	163.758
21)	B Endrin ke...	7.629	6.988	4103641	37454433	1.008	1.734 #
22)	Mirex	8.123	7.173	131501	3846763	0.043	0.231 #
23)	Chlordane-1	0.000	3.888	0	1017836	N.D.	1.092 #
24)	Chlordane-2	5.251	4.483	344100	7558864	1.576	7.943 #
25)	Chlordane-3	5.940	5.125	279965	31879174	0.325	10.733 #
26)	Chlordane-4	6.033	5.188	858895	9009552	0.817	3.594 #
27)	Chlordane-5	6.870	6.085	199933	4484741	1.094	3.963 #

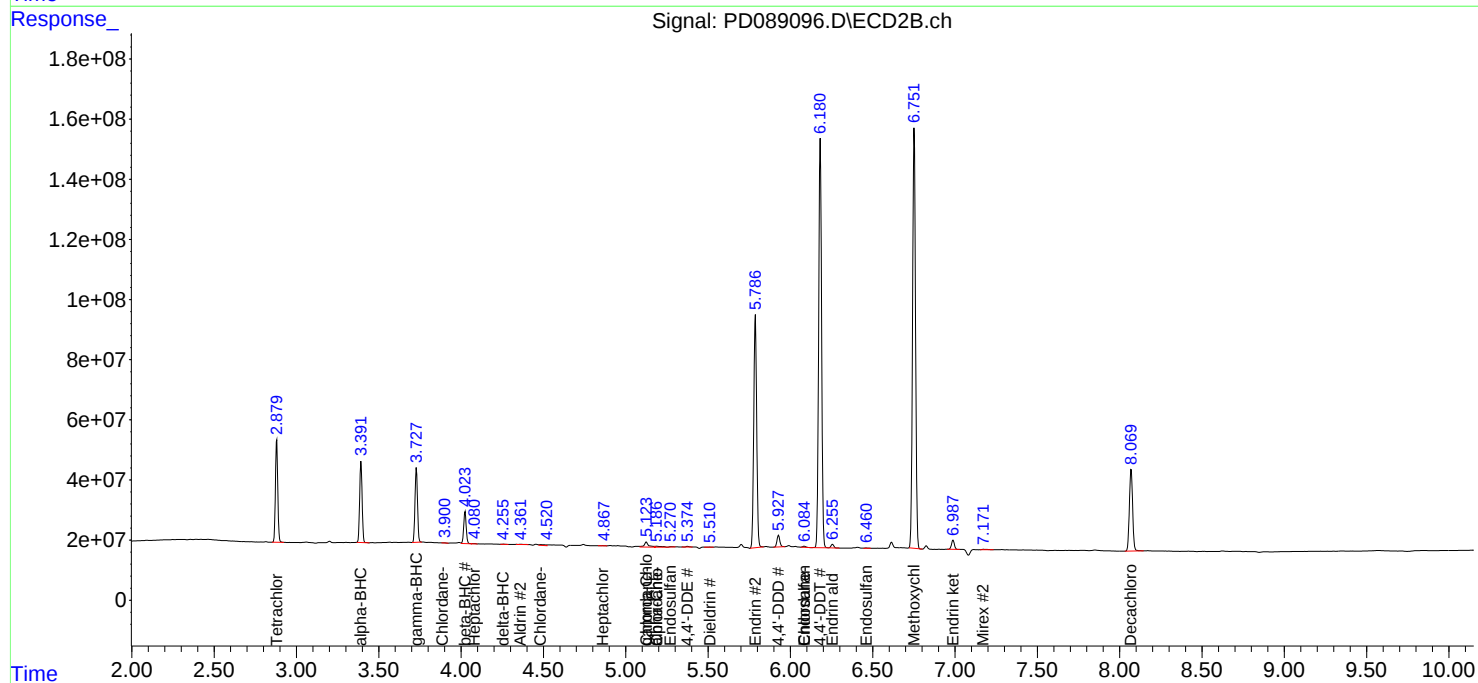
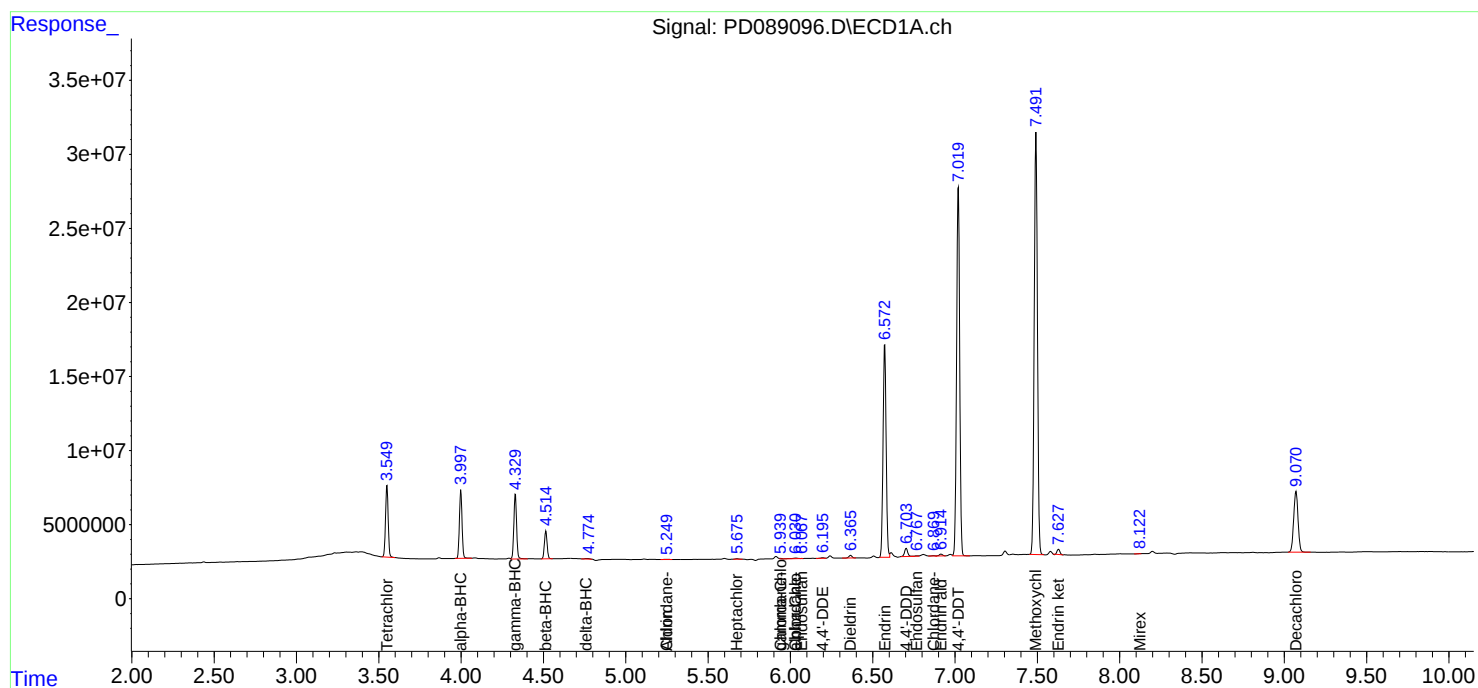
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

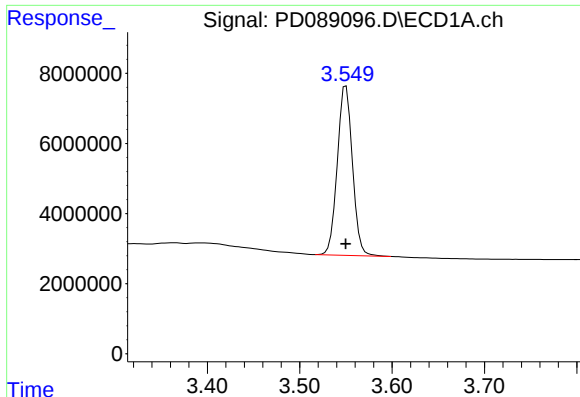
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062425\
Data File : PD089096.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jun 2025 09:35
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 25 01:50:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 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

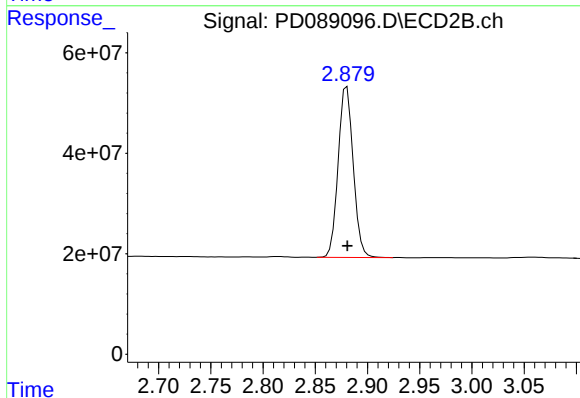




#1 Tetrachloro-m-xylene

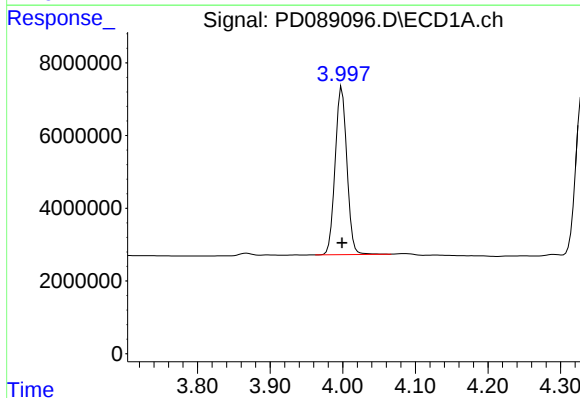
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 54996393
Conc: 19.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



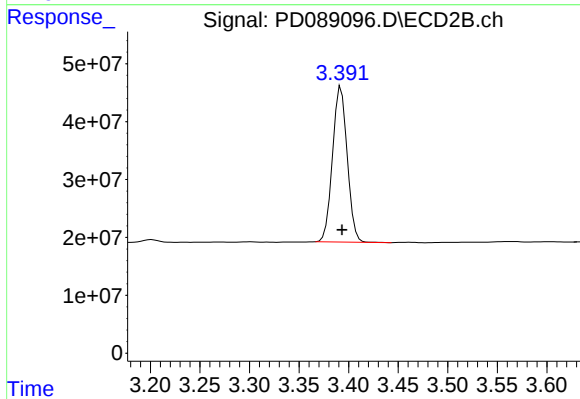
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: 0.000 min
Response: 340383240
Conc: 20.08 ng/ml



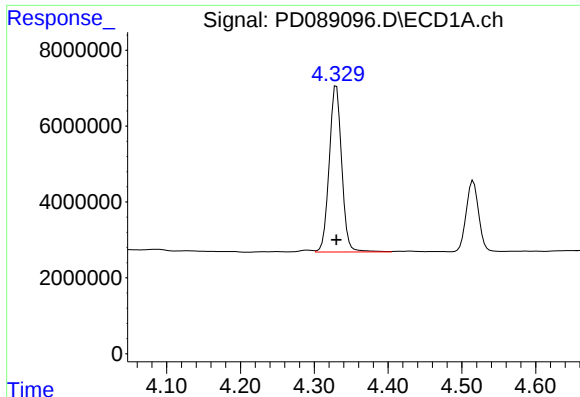
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 51722290
Conc: 8.87 ng/ml



#2 alpha-BHC

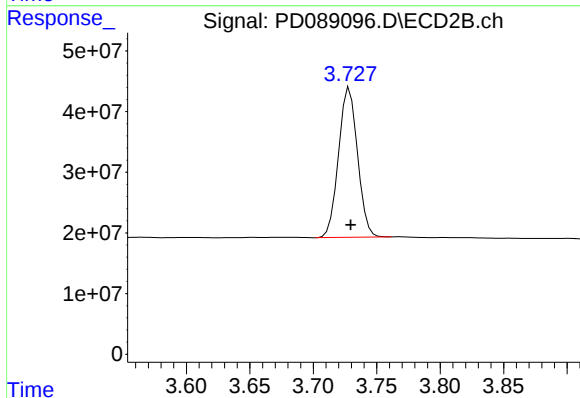
R.T.: 3.392 min
Delta R.T.: 0.000 min
Response: 276673247
Conc: 10.32 ng/ml



#3 gamma-BHC (Lindane)

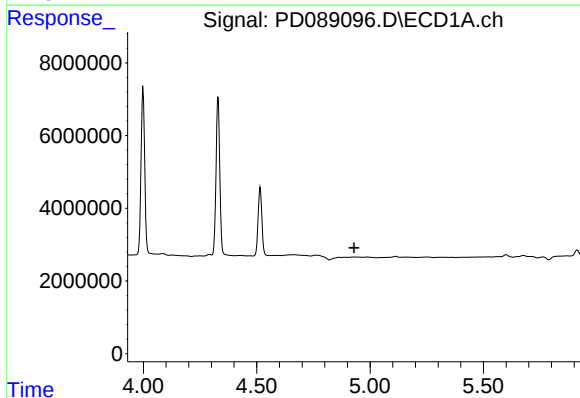
R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 51523285
Conc: 9.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



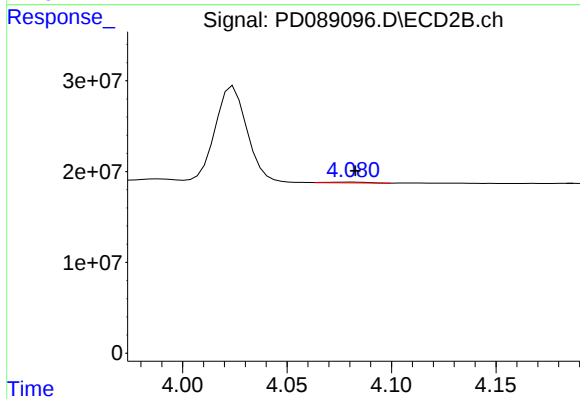
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 257008981
Conc: 10.38 ng/ml



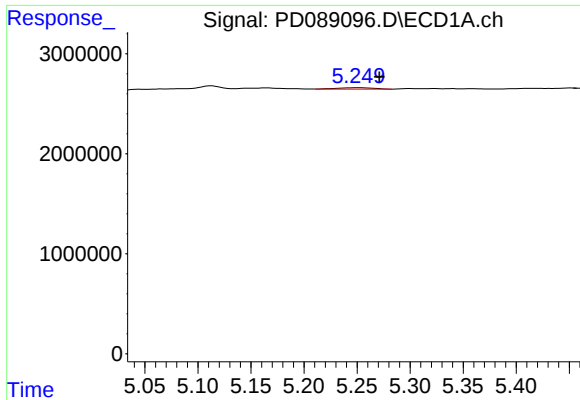
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.929 min
Response: 0
Conc: N.D.



#4 Heptachlor

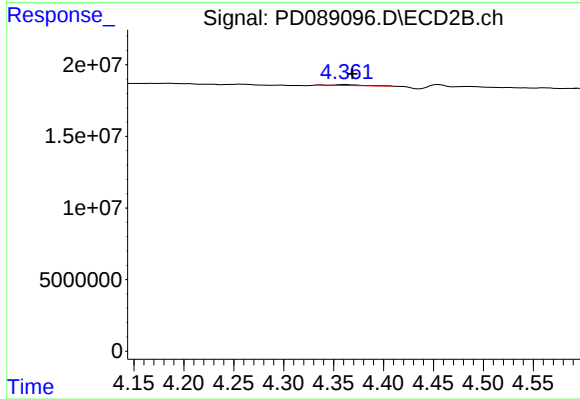
R.T.: 4.081 min
Delta R.T.: -0.002 min
Response: 1055866
Conc: 0.04 ng/ml



#5 Aldrin

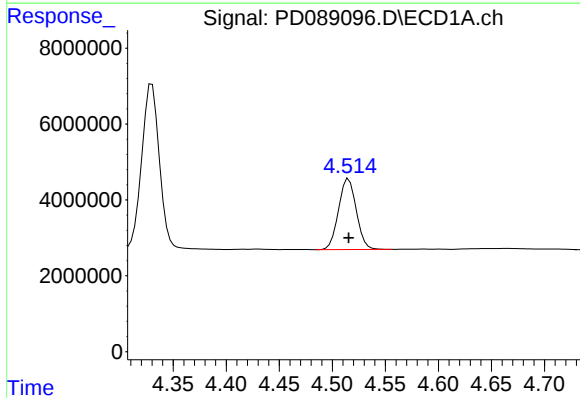
R.T.: 5.251 min
Delta R.T.: -0.020 min
Response: 344100
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



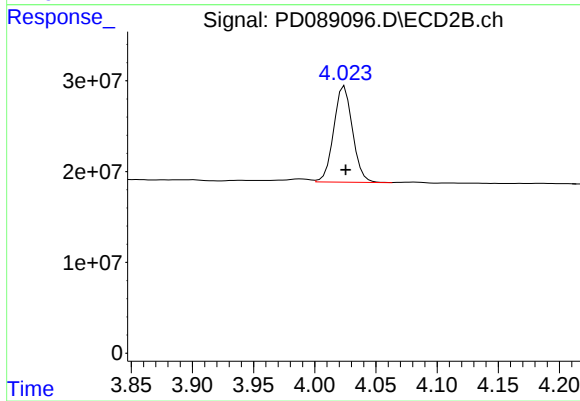
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: -0.007 min
Response: 997199
Conc: 0.04 ng/ml



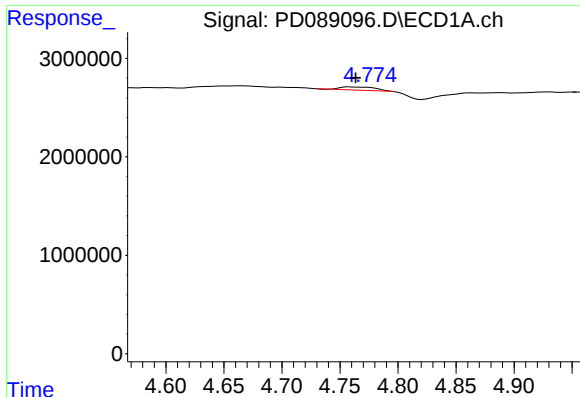
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 21724362
Conc: 9.84 ng/ml



#6 beta-BHC

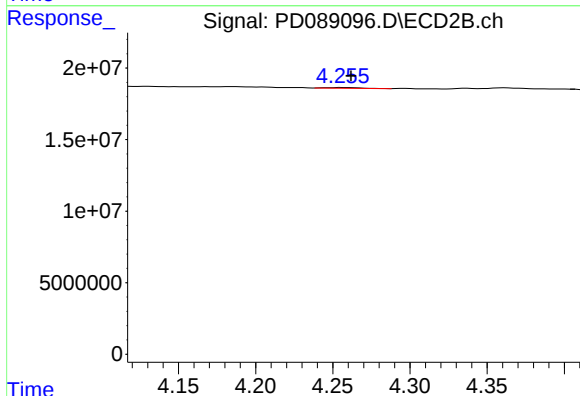
R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 113035371
Conc: 10.52 ng/ml



#7 delta-BHC

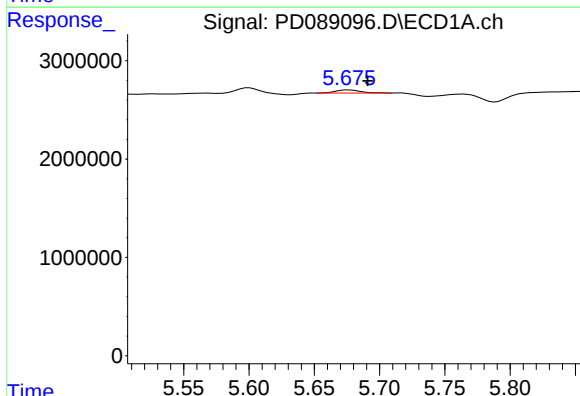
R.T.: 4.758 min
Delta R.T.: -0.005 min
Response: 649090
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



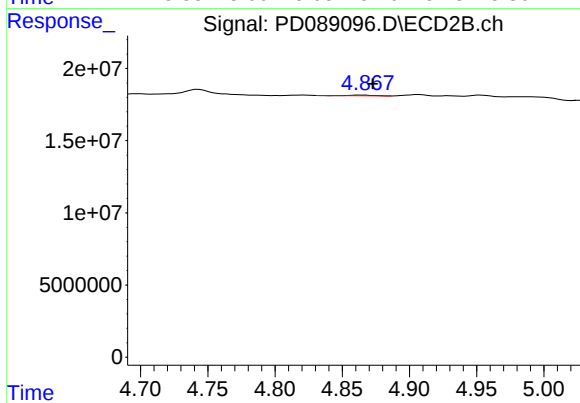
#7 delta-BHC

R.T.: 4.257 min
Delta R.T.: -0.005 min
Response: 746136
Conc: 0.03 ng/ml



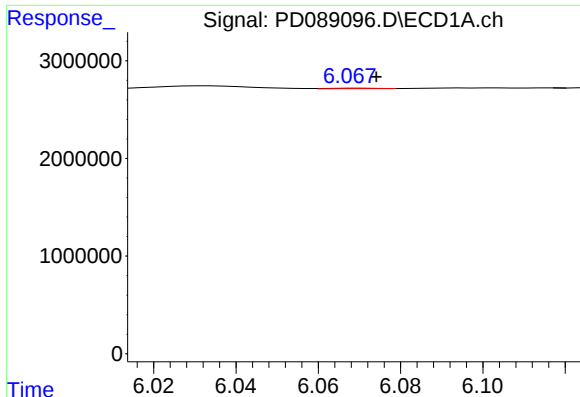
#8 Heptachlor epoxide

R.T.: 5.676 min
Delta R.T.: -0.015 min
Response: 419318
Conc: 0.09 ng/ml



#8 Heptachlor epoxide

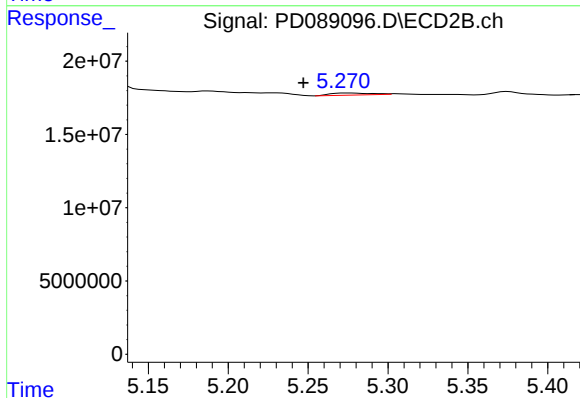
R.T.: 4.865 min
Delta R.T.: -0.007 min
Response: 524682
Conc: 0.02 ng/ml



#9 Endosulfan I

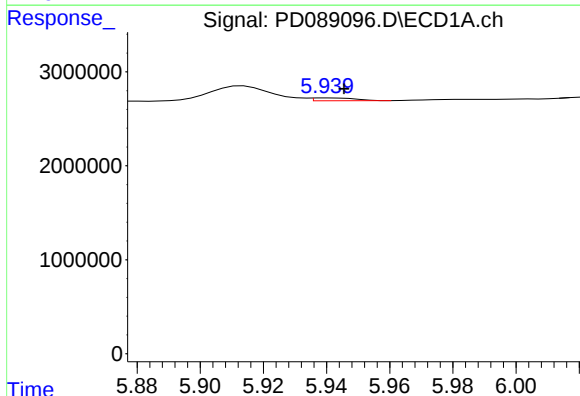
R.T.: 6.069 min
Delta R.T.: -0.005 min
Response: 37861
Conc: 0.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



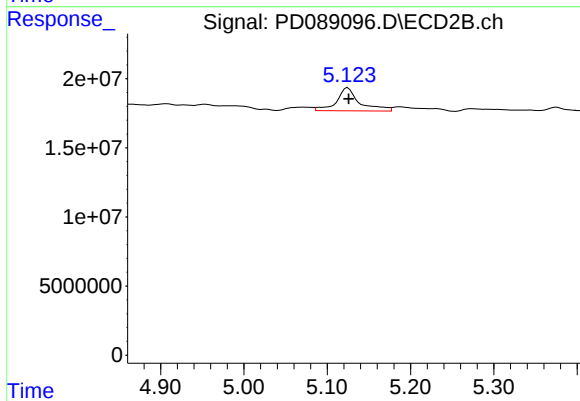
#9 Endosulfan I

R.T.: 5.274 min
Delta R.T.: 0.027 min
Response: 2504621
Conc: 0.12 ng/ml



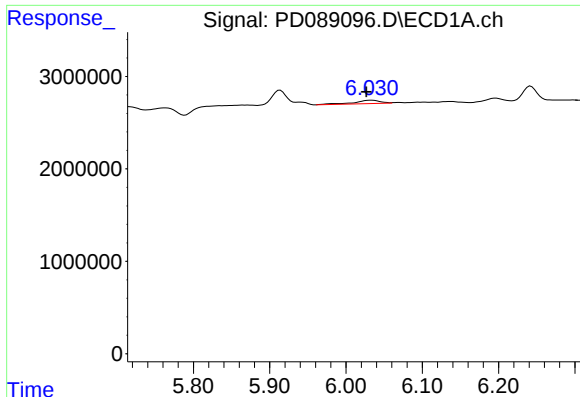
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.005 min
Response: 279965
Conc: 0.06 ng/ml



#10 gamma-Chlordane

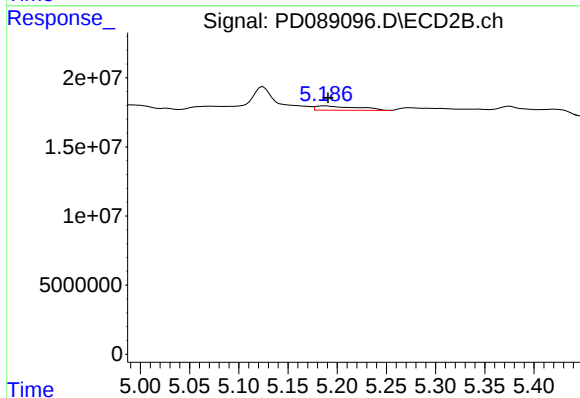
R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 31879174
Conc: 1.33 ng/ml



#11 alpha-Chlordane

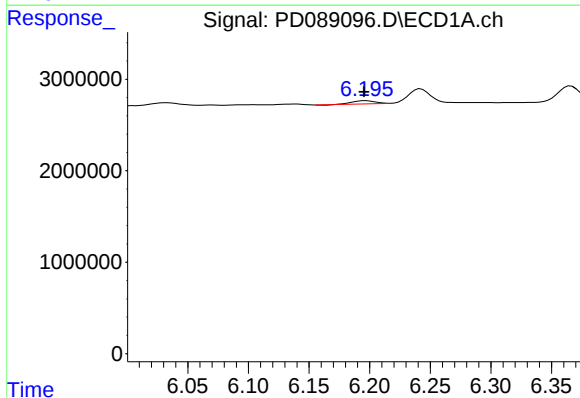
R.T.: 6.033 min
Delta R.T.: 0.006 min
Response: 858895
Conc: 0.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



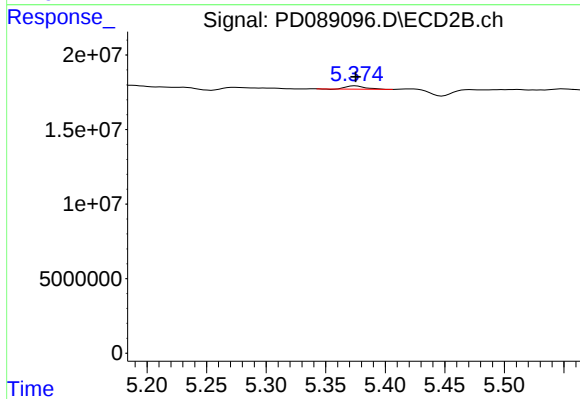
#11 alpha-Chlordane

R.T.: 5.188 min
Delta R.T.: -0.003 min
Response: 9009552
Conc: 0.39 ng/ml



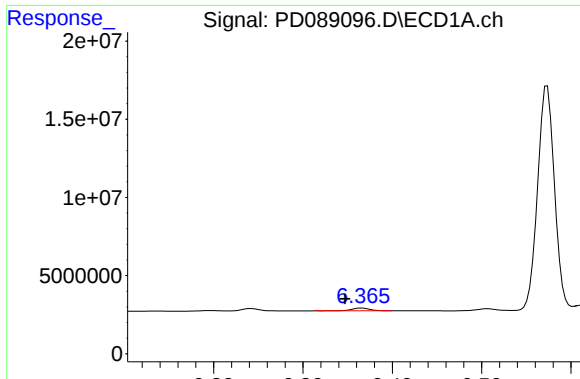
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.001 min
Response: 431104
Conc: 0.10 ng/ml



#12 4,4'-DDE

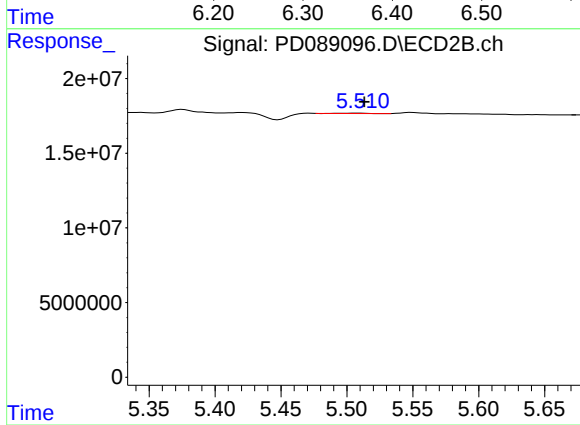
R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 2469011
Conc: 0.11 ng/ml



#13 Dieldrin

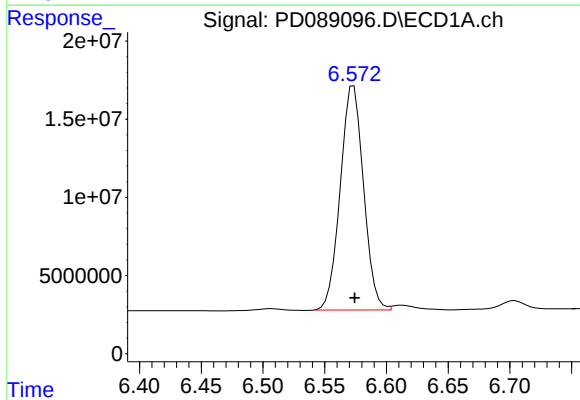
R.T.: 6.366 min
Delta R.T.: 0.019 min
Response: 2369786
Conc: 0.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



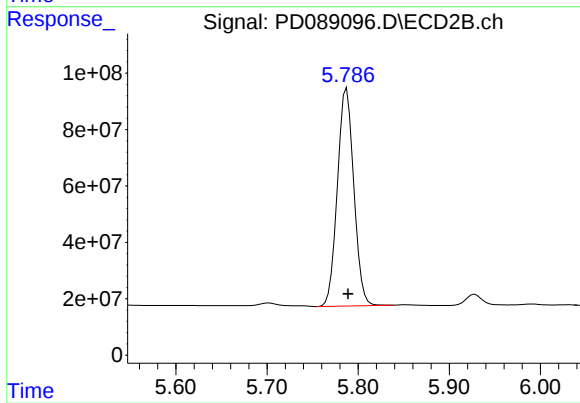
#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: -0.002 min
Response: 282478
Conc: 0.01 ng/ml



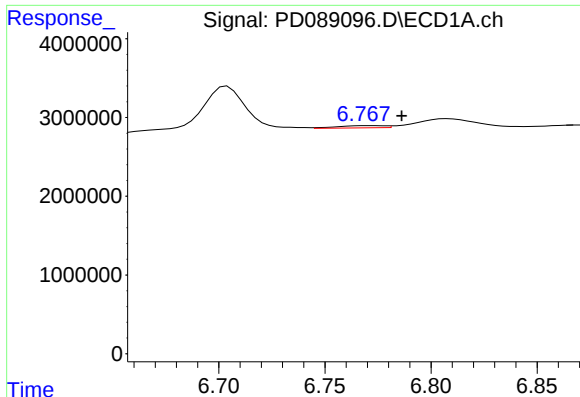
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 188110937
Conc: 45.60 ng/ml



#14 Endrin

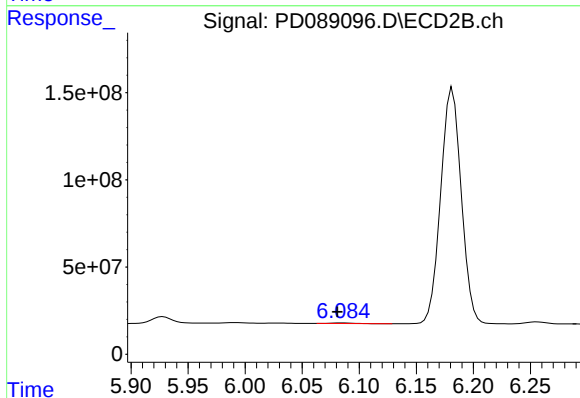
R.T.: 5.787 min
Delta R.T.: -0.002 min
Response: 966173539
Conc: 44.50 ng/ml



#15 Endosulfan II

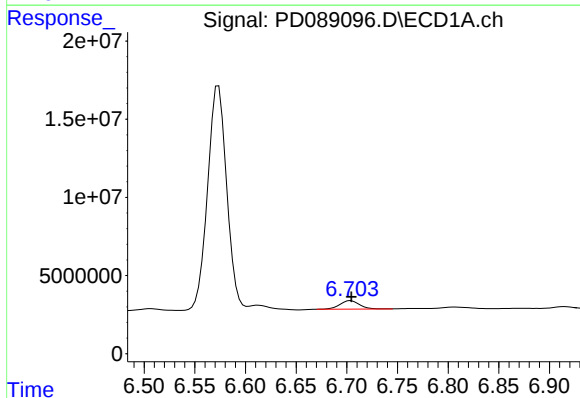
R.T.: 6.771 min
Delta R.T.: -0.015 min
Response: 414627
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



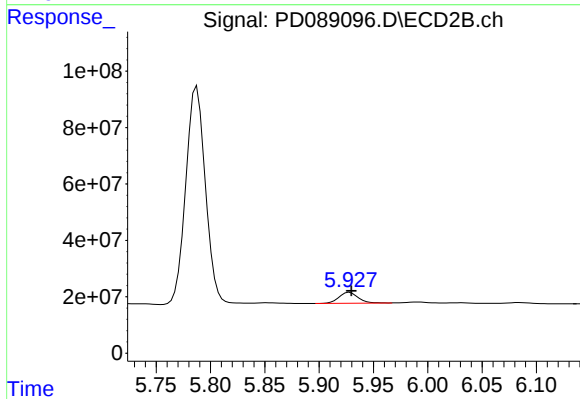
#15 Endosulfan II

R.T.: 6.085 min
Delta R.T.: 0.004 min
Response: 4484741
Conc: 0.22 ng/ml



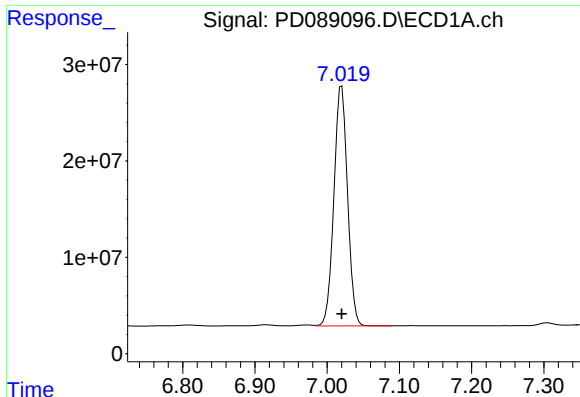
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 7415592
Conc: 2.16 ng/ml



#16 4,4'-DDD

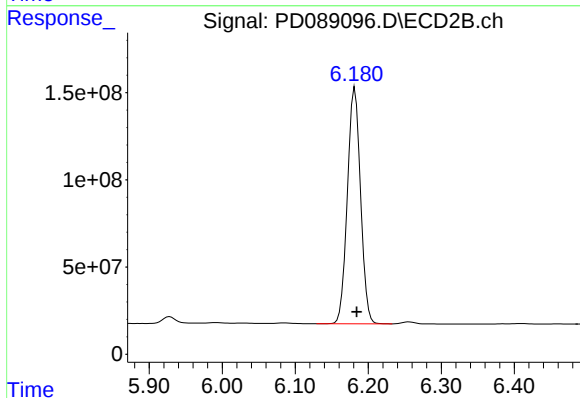
R.T.: 5.928 min
Delta R.T.: -0.002 min
Response: 47098132
Conc: 2.46 ng/ml



#17 4,4'-DDT

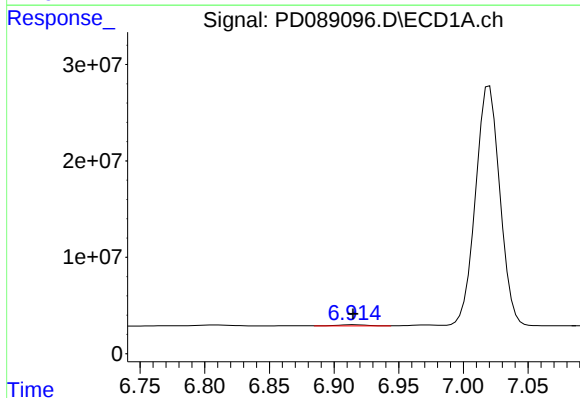
R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 326443087
Conc: 86.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



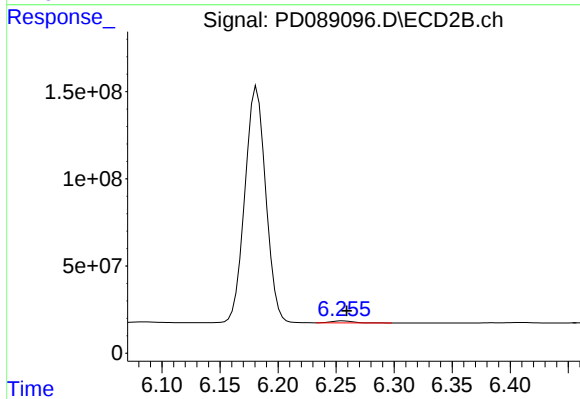
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 1696857190
Conc: 83.67 ng/ml



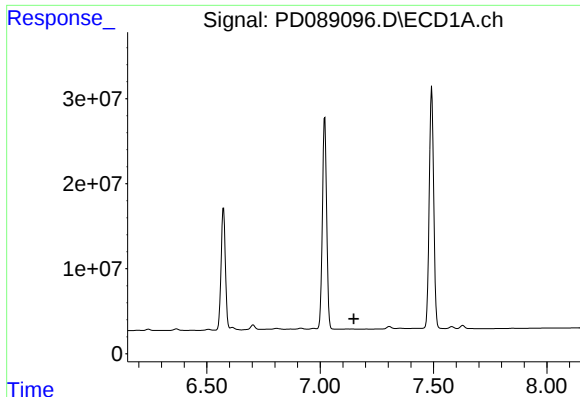
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 1800793
Conc: 0.59 ng/ml



#18 Endrin aldehyde

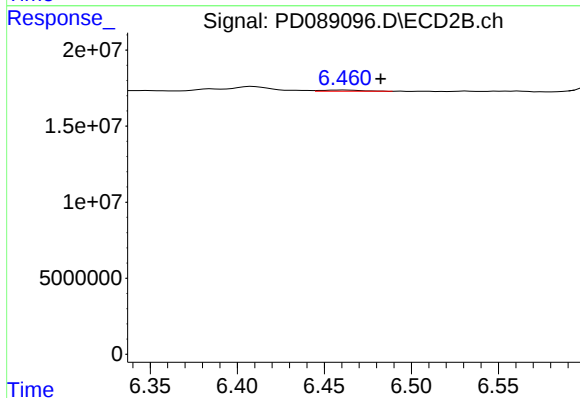
R.T.: 6.256 min
Delta R.T.: -0.003 min
Response: 14419860
Conc: 0.94 ng/ml



#19 Endosulfan Sulfate

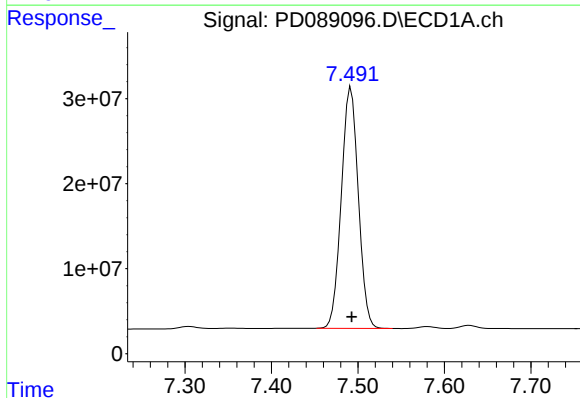
R.T.: 0.000 min
Exp R.T.: 7.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



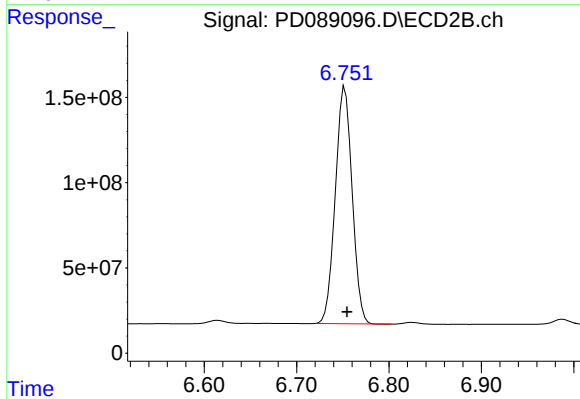
#19 Endosulfan Sulfate

R.T.: 6.461 min
Delta R.T.: -0.021 min
Response: 1182707
Conc: 0.06 ng/ml



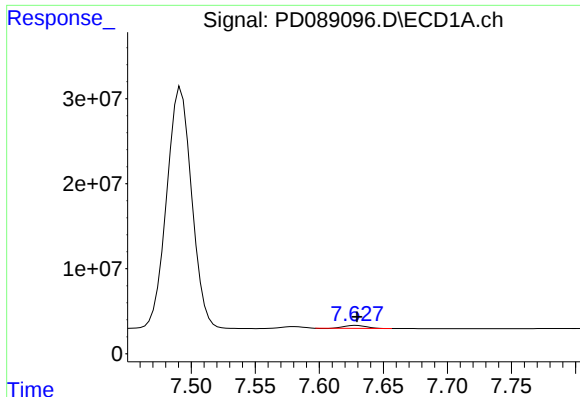
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: 0.000 min
Response: 385091661
Conc: 190.58 ng/ml



#20 Methoxychlor

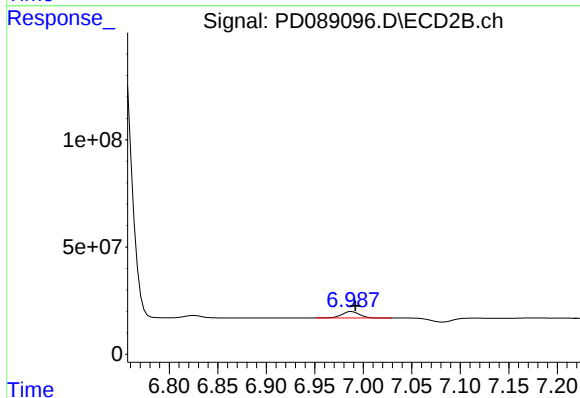
R.T.: 6.752 min
Delta R.T.: -0.002 min
Response: 1763355175
Conc: 163.76 ng/ml



#21 Endrin ketone

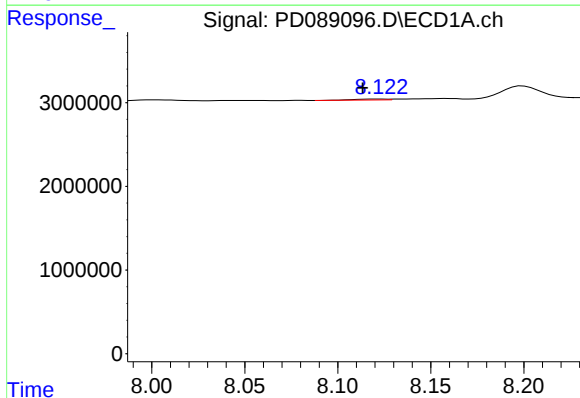
R.T.: 7.629 min
Delta R.T.: 0.000 min
Response: 4103641
Conc: 1.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



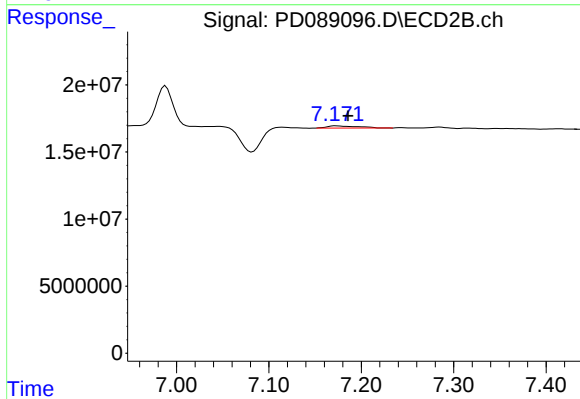
#21 Endrin ketone

R.T.: 6.988 min
Delta R.T.: -0.004 min
Response: 37454433
Conc: 1.73 ng/ml



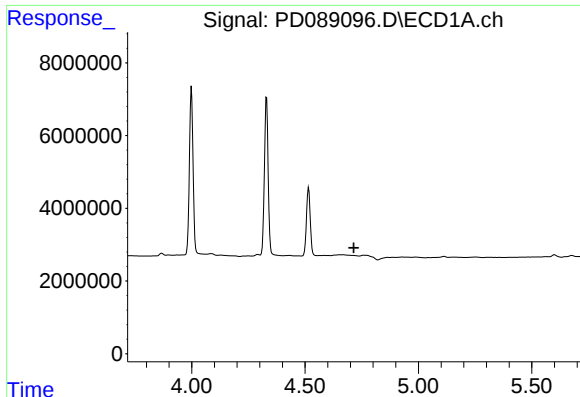
#22 Mirex

R.T.: 8.123 min
Delta R.T.: 0.010 min
Response: 131501
Conc: 0.04 ng/ml



#22 Mirex

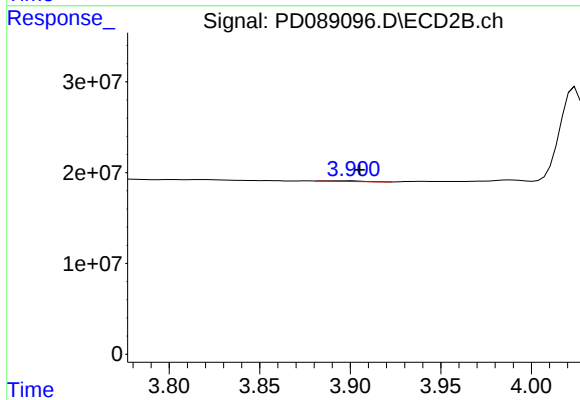
R.T.: 7.173 min
Delta R.T.: -0.013 min
Response: 3846763
Conc: 0.23 ng/ml



#23 Chlordane-1

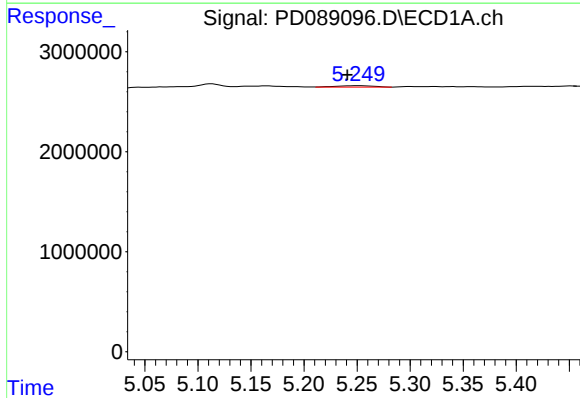
R.T.: 0.000 min
Exp R.T.: 4.715 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



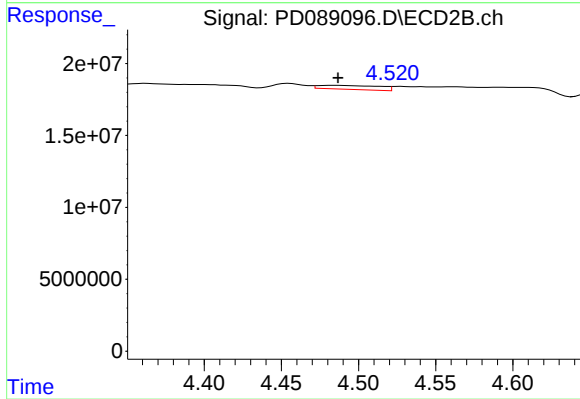
#23 Chlordane-1

R.T.: 3.888 min
Delta R.T.: -0.017 min
Response: 1017836
Conc: 1.09 ng/ml



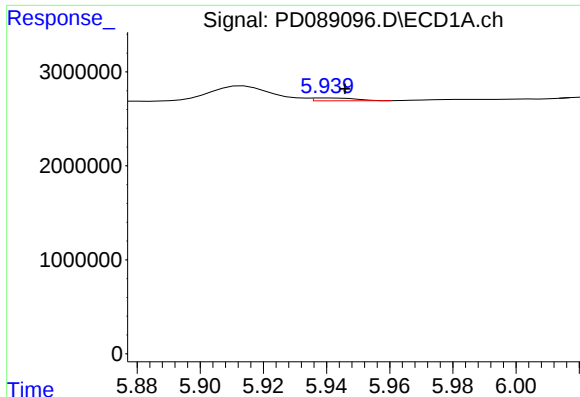
#24 Chlordane-2

R.T.: 5.251 min
Delta R.T.: 0.010 min
Response: 344100
Conc: 1.58 ng/ml



#24 Chlordane-2

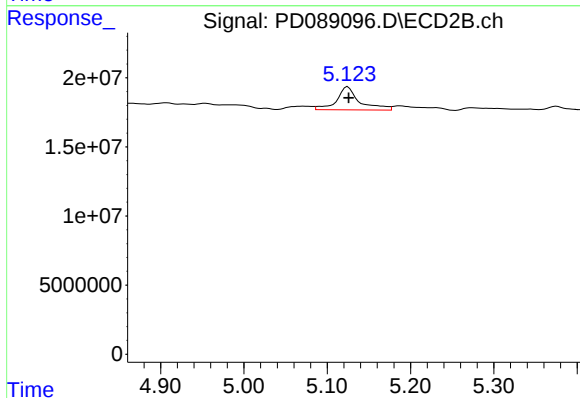
R.T.: 4.483 min
Delta R.T.: -0.004 min
Response: 7558864
Conc: 7.94 ng/ml



#25 Chlordane-3

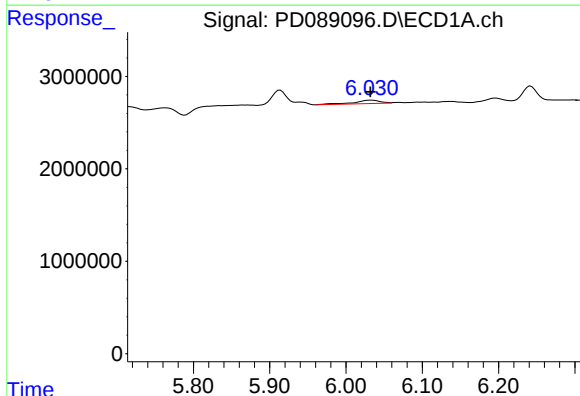
R.T.: 5.940 min
Delta R.T.: -0.005 min
Response: 279965
Conc: 0.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



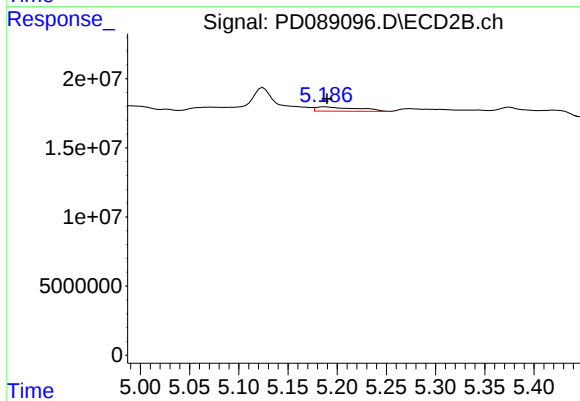
#25 Chlordane-3

R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 31879174
Conc: 10.73 ng/ml



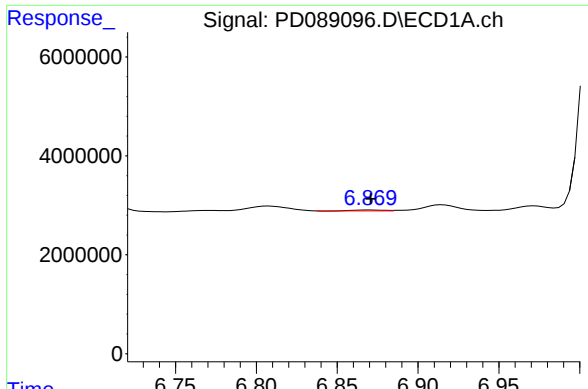
#26 Chlordane-4

R.T.: 6.033 min
Delta R.T.: 0.001 min
Response: 858895
Conc: 0.82 ng/ml



#26 Chlordane-4

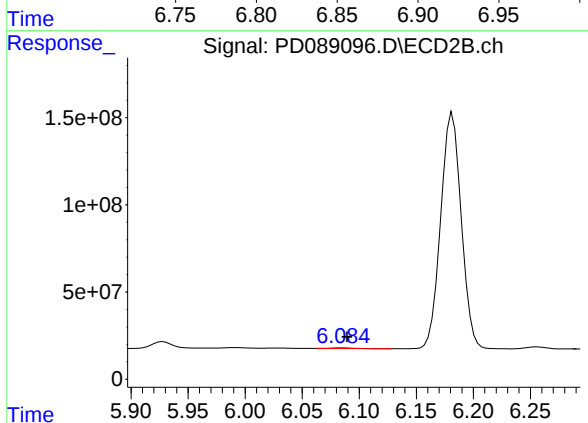
R.T.: 5.188 min
Delta R.T.: -0.002 min
Response: 9009552
Conc: 3.59 ng/ml



#27 Chlordane-5

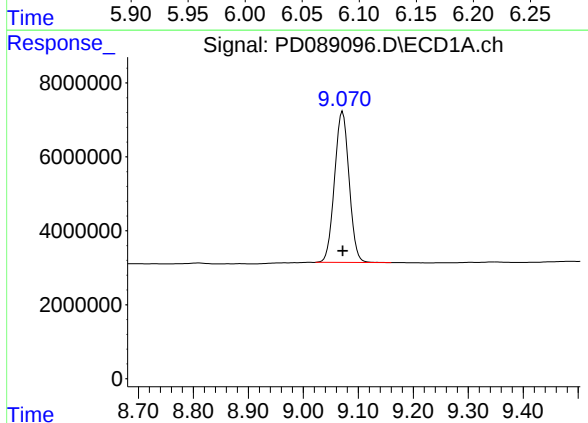
R.T.: 6.870 min
Delta R.T.: 0.000 min
Response: 199933
Conc: 1.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



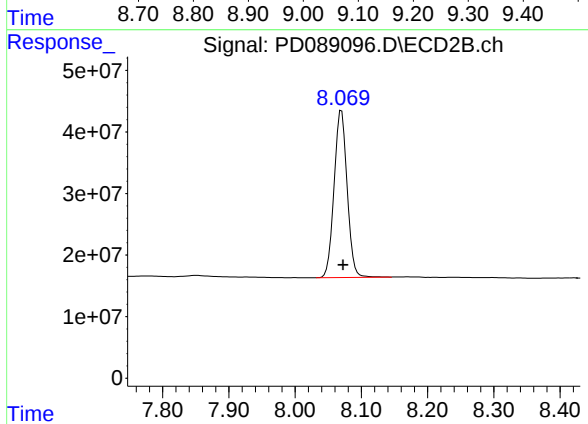
#27 Chlordane-5

R.T.: 6.085 min
Delta R.T.: -0.005 min
Response: 4484741
Conc: 3.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 75083631
Conc: 19.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.070 min
Delta R.T.: -0.002 min
Response: 370969413
Conc: 18.76 ng/ml