

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062125\
 Data File : PD089057.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2025 17:51
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 23:04:34 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	2.881	54758211	341.3E6	19.192	20.134
28)	SA Decachlor...	9.074	8.073	79217811	391.4E6	20.169	19.798
Target Compounds							
2)	A alpha-BHC	3.999	3.393	51652326	276.8E6	8.861	10.330
3)	MA gamma-BHC...	4.330	3.730	51861293	258.4E6	9.291	10.437
4)	MA Heptachlor	4.932	4.083	265966	126854	0.049	0.005 #
5)	MB Aldrin	0.000	4.362	0	707911	N.D.	0.029 #
6)	B beta-BHC	4.515	4.026	21786058	111.3E6	9.871	10.357
7)	B delta-BHC	4.757	4.257	353682	1257414	0.069	0.051 #
8)	B Heptachlo...	5.682	4.880	3867508	1186150	0.802	0.054 #
10)	B gamma-Chl...	5.942	5.125	427449	31751420	0.089	1.327 #
11)	B alpha-Chl...	6.033	5.189	996187	35627263	0.206	1.556 #
12)	B 4,4'-DDE	6.198	5.379	260685	530229	0.060	0.023 #
13)	MA Dieldrin	0.000	5.502	0	1359965	N.D.	0.059 #
14)	MA Endrin	6.575	5.789	193.0E6	995.6E6	46.782	45.850
15)	B Endosulfa...	6.772	6.085	804617	2210585	0.199	0.109 #
16)	A 4,4'-DDD	6.705	5.930	4068183	16181379	1.185	0.846 #
17)	MA 4,4'-DDT	7.021	6.183	348.4E6	1794.8E6	91.967	88.503
18)	B Endrin al...	6.918	6.257	931974	12060376	0.304	0.788 #
20)	A Methoxychlor	7.493	6.755	420.8E6	1943.1E6	208.257	180.445
21)	B Endrin ke...	7.631	6.991	2204390	16743726	0.541	0.775 #
22)	Mirex	8.116	7.179	58914	5617120	0.019	0.337 #
23)	Chlordane-1	0.000	3.902	0	871830	N.D.	0.935 #
24)	Chlordane-2	0.000	4.489	0	19780764	N.D.	20.786 #
25)	Chlordane-3	5.942	5.125	427449	31751420	0.496	10.690 #
26)	Chlordane-4	6.033	5.189	996187	35627263	0.948	14.213 #
27)	Chlordane-5	6.869	6.085	203758	2210585	1.115	1.953 #

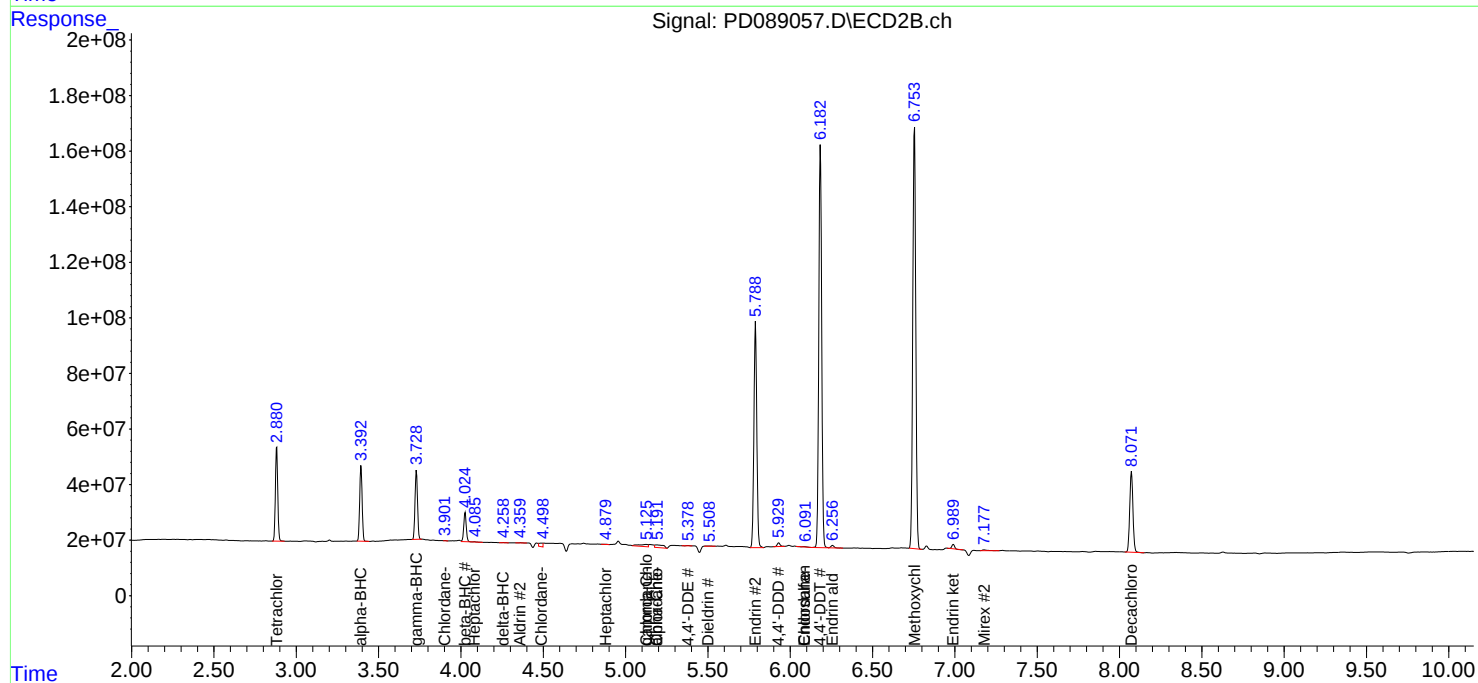
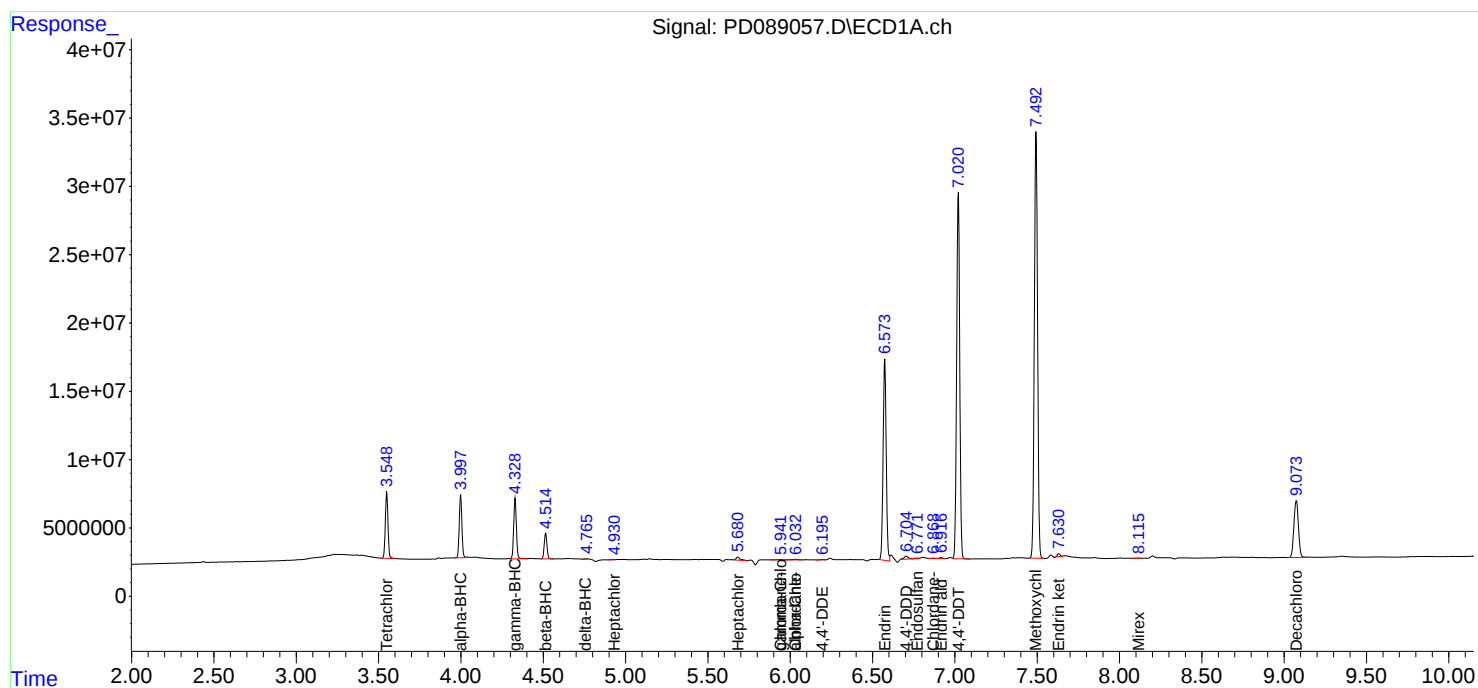
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

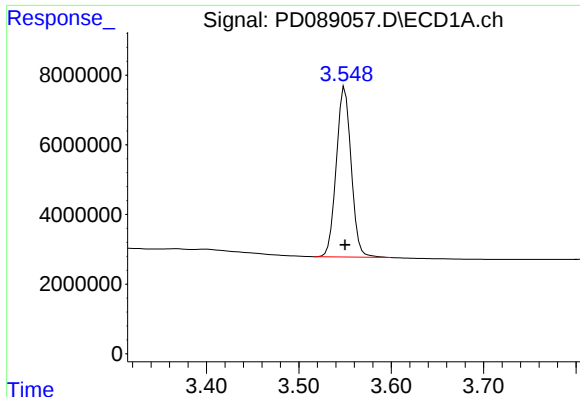
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062125\
Data File : PD089057.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jun 2025 17:51
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 20 23:04:34 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

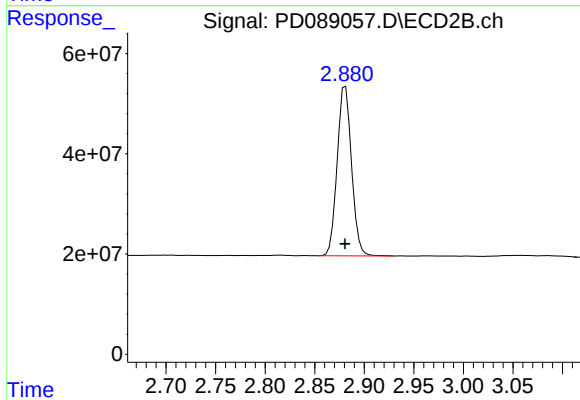




#1 Tetrachloro-m-xylene

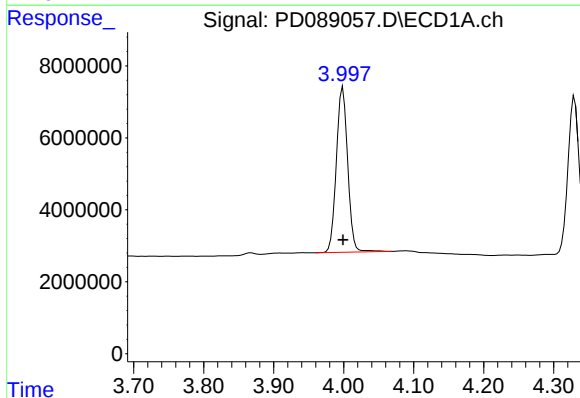
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 54758211
Conc: 19.19 ng/ml

Instrument :
ECD_D
ClientSampleId :



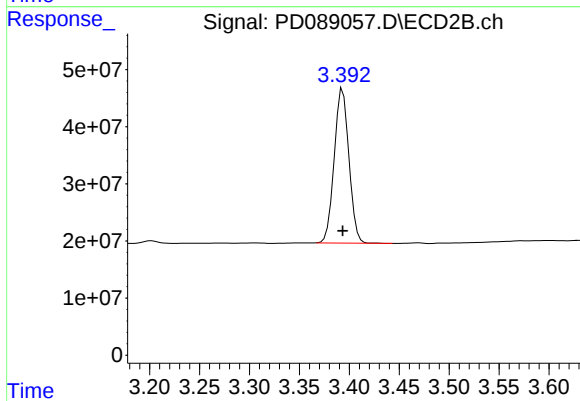
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 341337024
Conc: 20.13 ng/ml



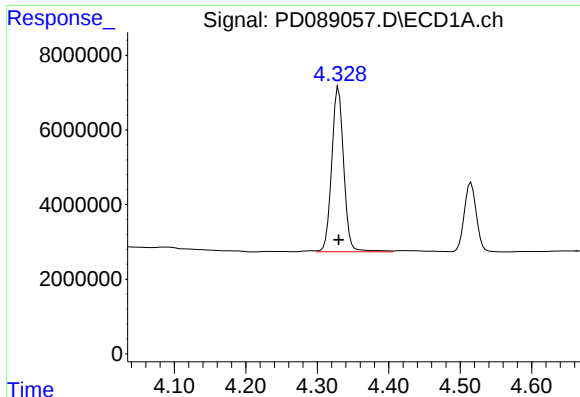
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 51652326
Conc: 8.86 ng/ml



#2 alpha-BHC

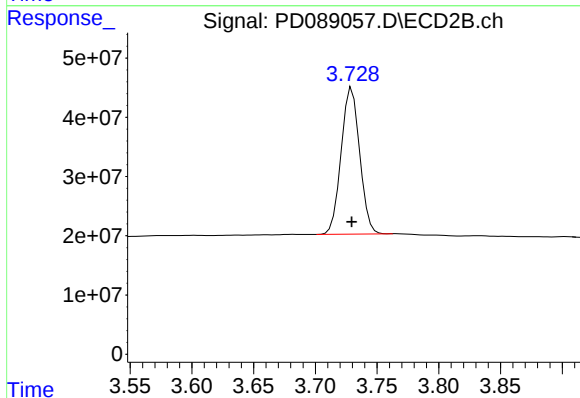
R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 276809781
Conc: 10.33 ng/ml



#3 gamma-BHC (Lindane)

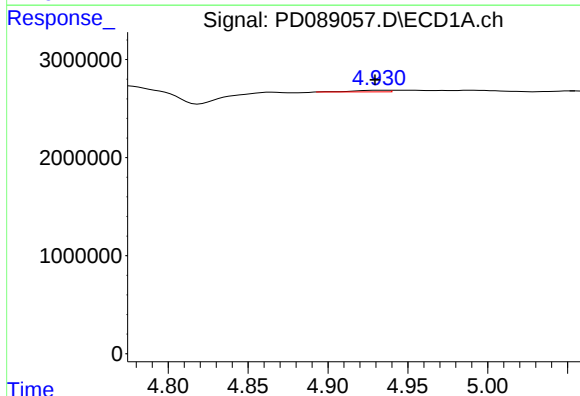
R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 51861293
Conc: 9.29 ng/ml

Instrument :
ECD_D
ClientSampleId :



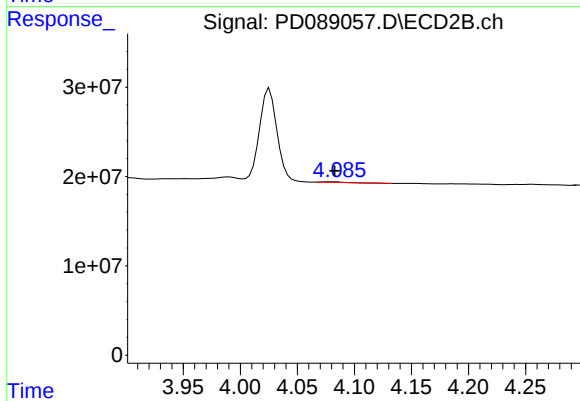
#3 gamma-BHC (Lindane)

R.T.: 3.730 min
Delta R.T.: 0.000 min
Response: 258376017
Conc: 10.44 ng/ml



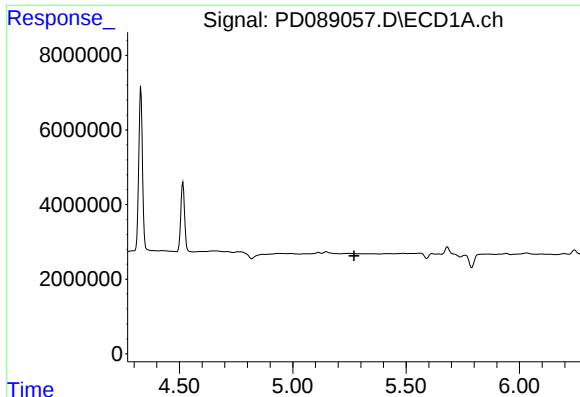
#4 Heptachlor

R.T.: 4.932 min
Delta R.T.: 0.002 min
Response: 265966
Conc: 0.05 ng/ml



#4 Heptachlor

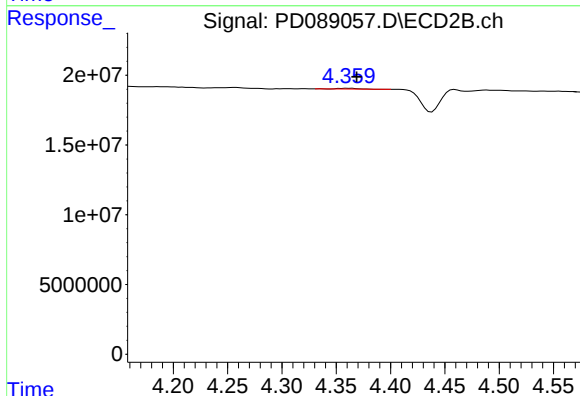
R.T.: 4.083 min
Delta R.T.: 0.000 min
Response: 126854
Conc: 0.01 ng/ml



#5 Aldrin

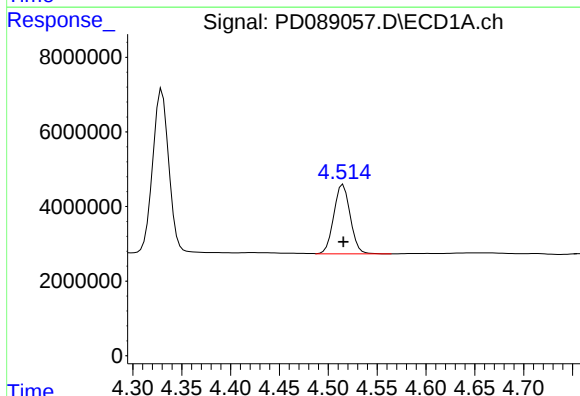
R.T.: 0.000 min
Exp R.T.: 5.271 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



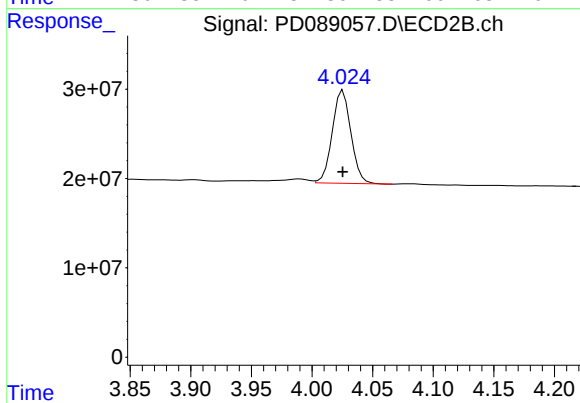
#5 Aldrin

R.T.: 4.362 min
Delta R.T.: -0.007 min
Response: 707911
Conc: 0.03 ng/ml



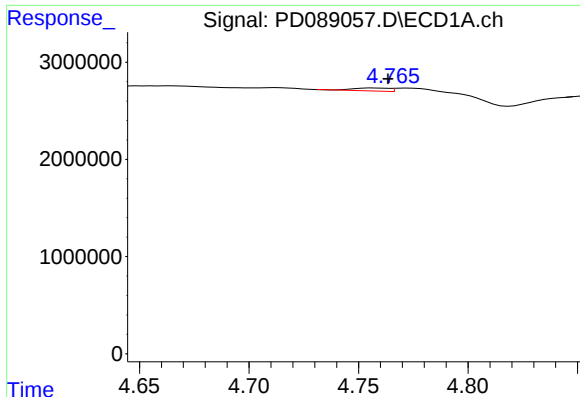
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 21786058
Conc: 9.87 ng/ml



#6 beta-BHC

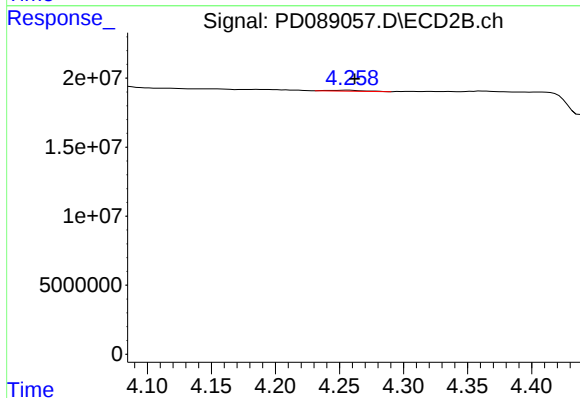
R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 111297491
Conc: 10.36 ng/ml



#7 delta-BHC

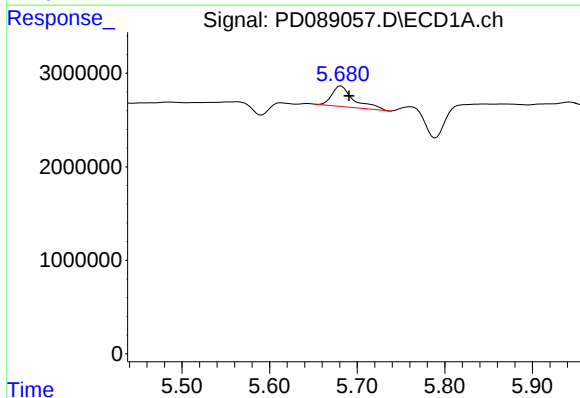
R.T.: 4.757 min
Delta R.T.: -0.007 min
Response: 353682
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



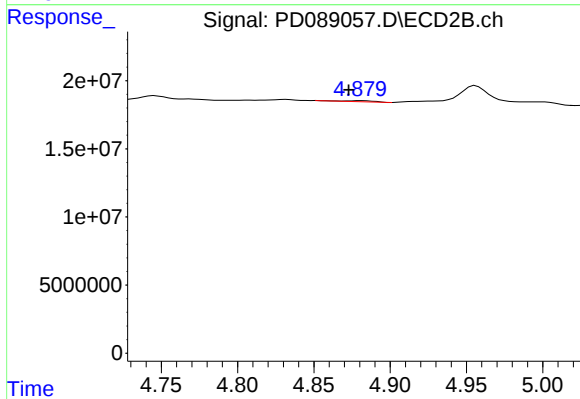
#7 delta-BHC

R.T.: 4.257 min
Delta R.T.: -0.005 min
Response: 1257414
Conc: 0.05 ng/ml



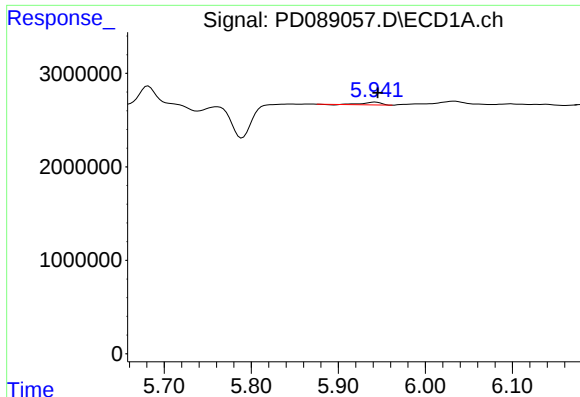
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.009 min
Response: 3867508
Conc: 0.80 ng/ml



#8 Heptachlor epoxide

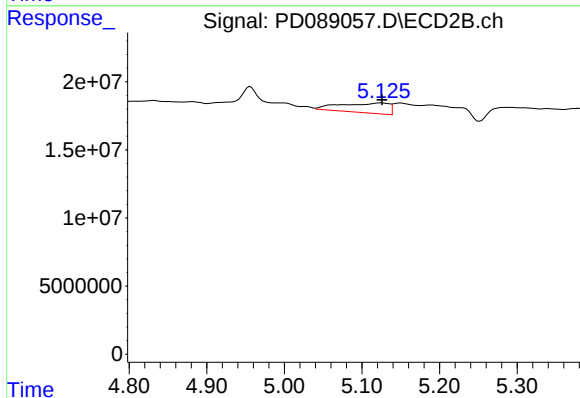
R.T.: 4.880 min
Delta R.T.: 0.007 min
Response: 1186150
Conc: 0.05 ng/ml



#10 gamma-Chlordane

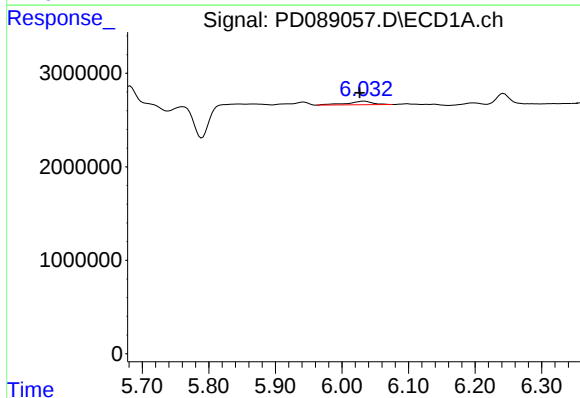
R.T.: 5.942 min
Delta R.T.: -0.003 min
Response: 427449
Conc: 0.09 ng/ml

Instrument :
ECD_D
ClientSampleId :



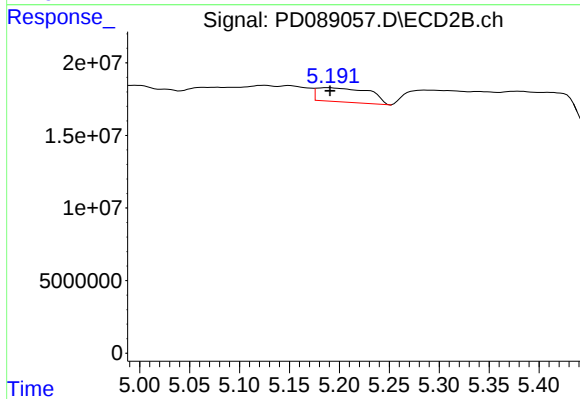
#10 gamma-Chlordane

R.T.: 5.125 min
Delta R.T.: -0.001 min
Response: 31751420
Conc: 1.33 ng/ml



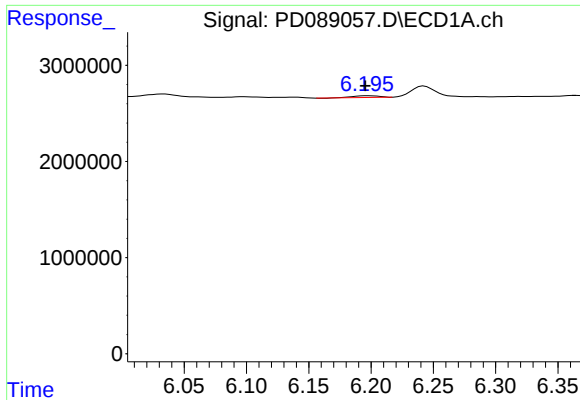
#11 alpha-Chlordane

R.T.: 6.033 min
Delta R.T.: 0.006 min
Response: 996187
Conc: 0.21 ng/ml



#11 alpha-Chlordane

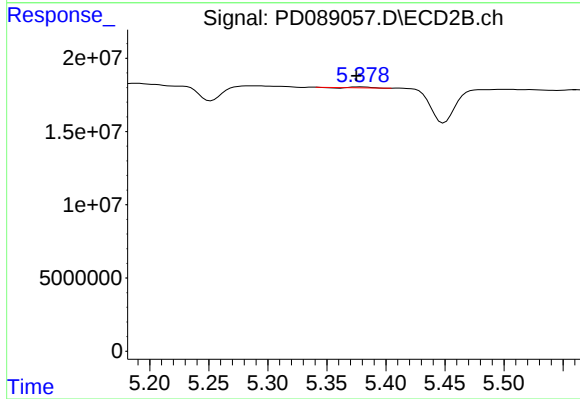
R.T.: 5.189 min
Delta R.T.: -0.001 min
Response: 35627263
Conc: 1.56 ng/ml



#12 4,4'-DDE

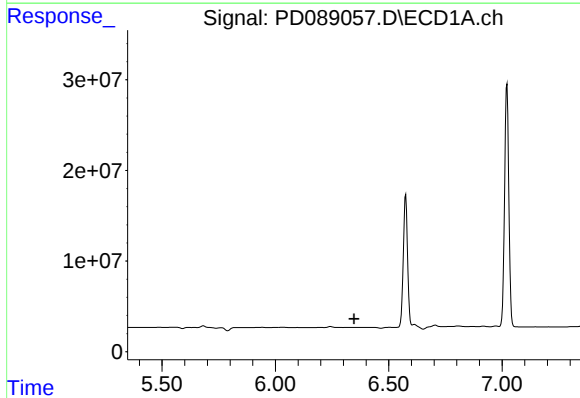
R.T.: 6.198 min
Delta R.T.: 0.002 min
Response: 260685
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :



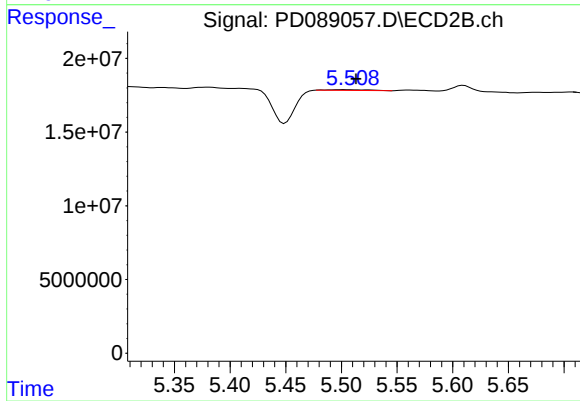
#12 4,4'-DDE

R.T.: 5.379 min
Delta R.T.: 0.004 min
Response: 530229
Conc: 0.02 ng/ml



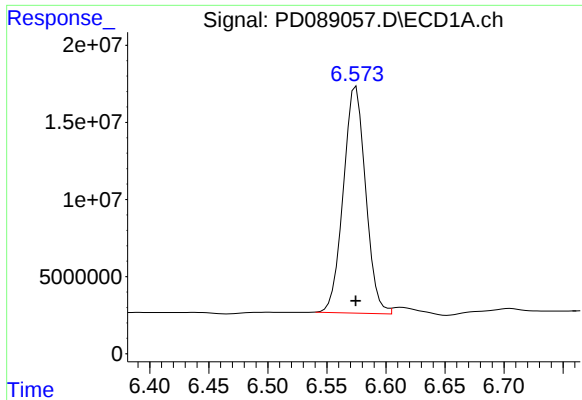
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 6.347 min
Response: 0
Conc: N.D.



#13 Dieldrin

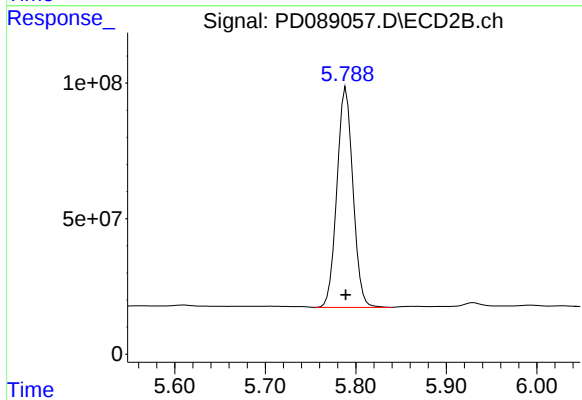
R.T.: 5.502 min
Delta R.T.: -0.011 min
Response: 1359965
Conc: 0.06 ng/ml



#14 Endrin

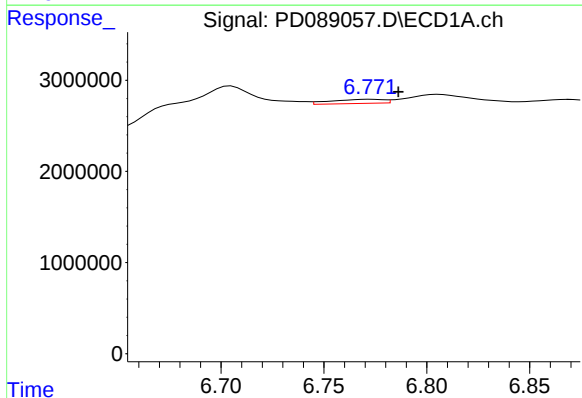
R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 193004240
Conc: 46.78 ng/ml

Instrument :
ECD_D
ClientSampleId :



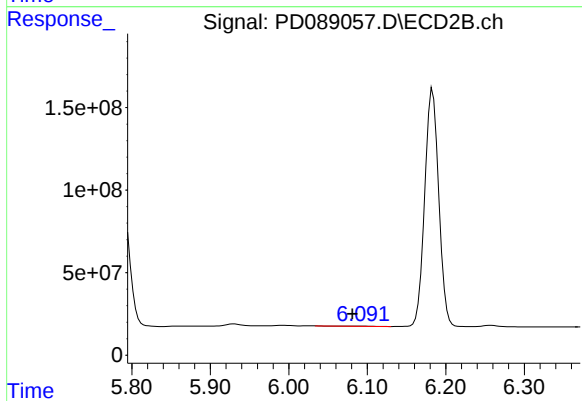
#14 Endrin

R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 995591934
Conc: 45.85 ng/ml



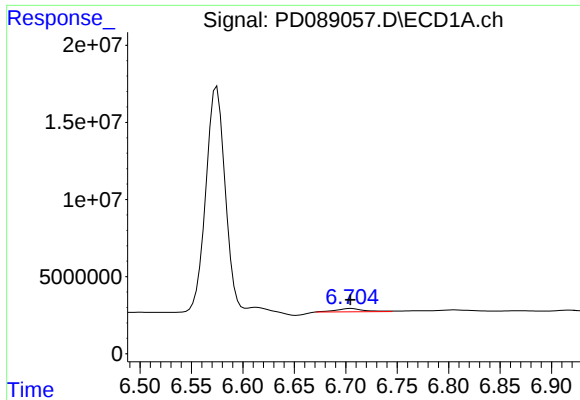
#15 Endosulfan II

R.T.: 6.772 min
Delta R.T.: -0.014 min
Response: 804617
Conc: 0.20 ng/ml



#15 Endosulfan II

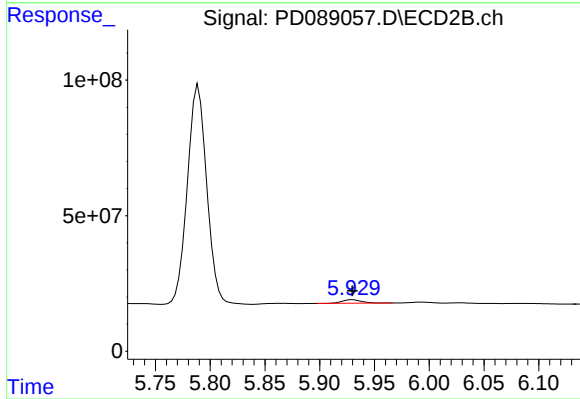
R.T.: 6.085 min
Delta R.T.: 0.004 min
Response: 2210585
Conc: 0.11 ng/ml



#16 4,4'-DDD

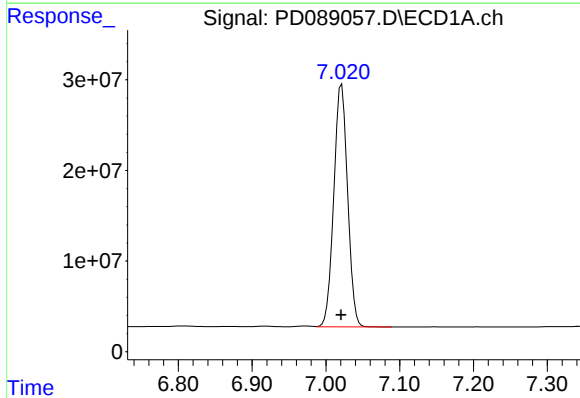
R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 4068183
Conc: 1.19 ng/ml

Instrument :
ECD_D
ClientSampleId :



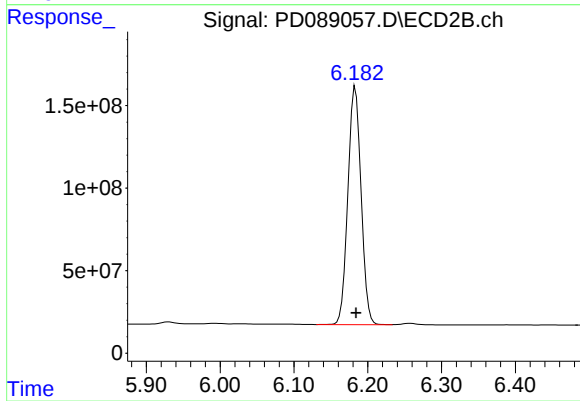
#16 4,4'-DDD

R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 16181379
Conc: 0.85 ng/ml



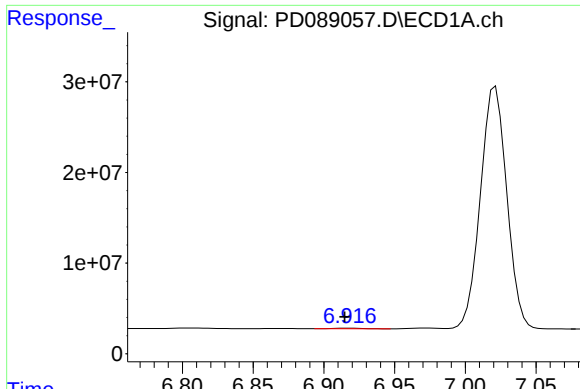
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 348390236
Conc: 91.97 ng/ml



#17 4,4'-DDT

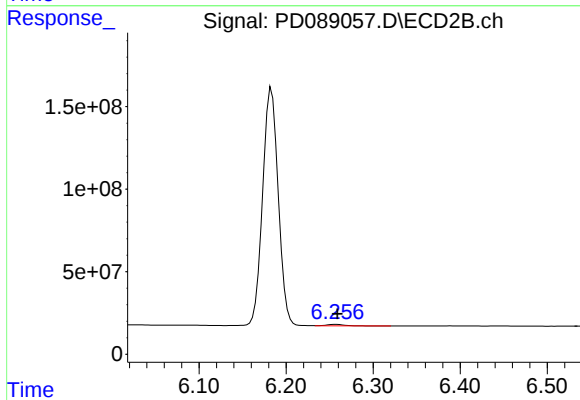
R.T.: 6.183 min
Delta R.T.: 0.000 min
Response: 1794777223
Conc: 88.50 ng/ml



#18 Endrin aldehyde

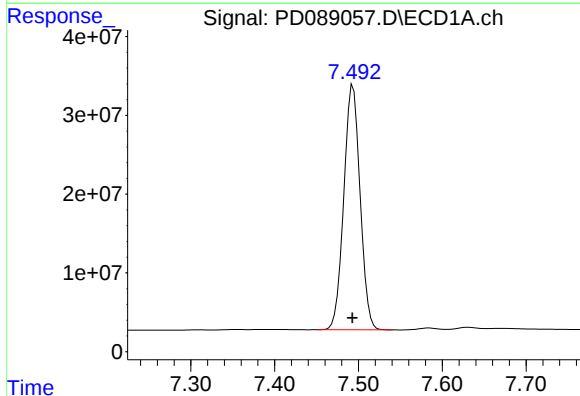
R.T.: 6.918 min
Delta R.T.: 0.003 min
Response: 931974
Conc: 0.30 ng/ml

Instrument :
ECD_D
ClientSampleId :



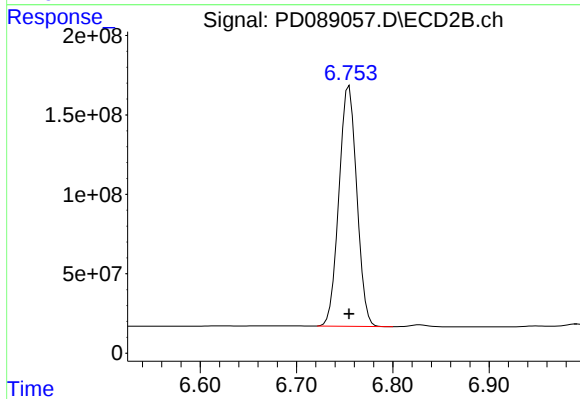
#18 Endrin aldehyde

R.T.: 6.257 min
Delta R.T.: -0.002 min
Response: 12060376
Conc: 0.79 ng/ml



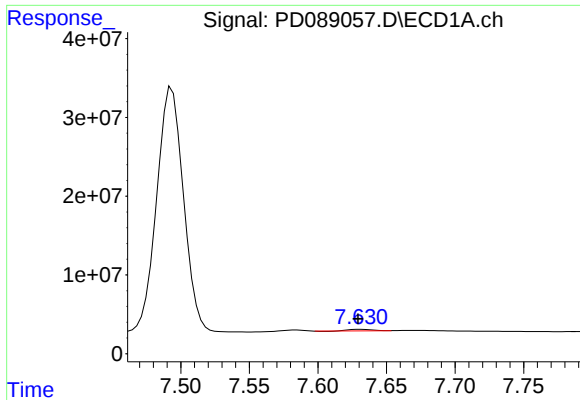
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 420809985
Conc: 208.26 ng/ml



#20 Methoxychlor

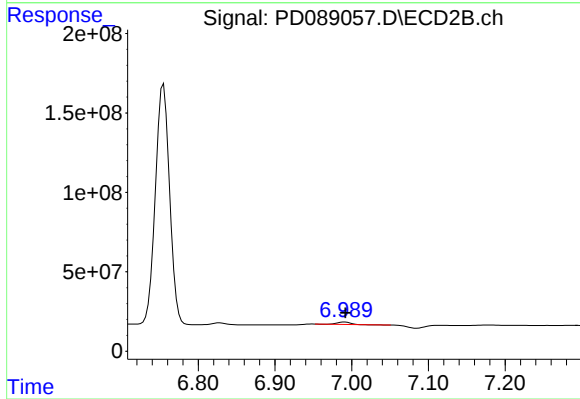
R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 1943050516
Conc: 180.45 ng/ml



#21 Endrin ketone

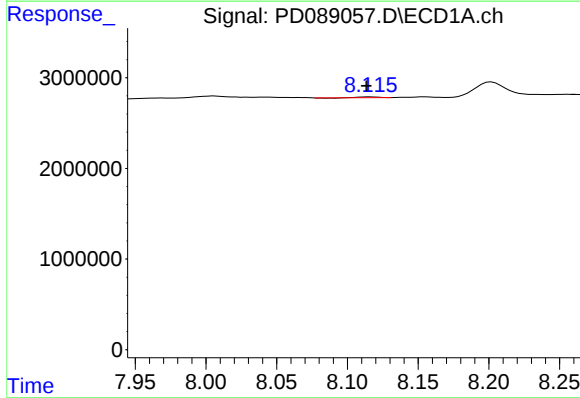
R.T.: 7.631 min
Delta R.T.: 0.002 min
Response: 2204390
Conc: 0.54 ng/ml

Instrument :
ECD_D
ClientSampleId :



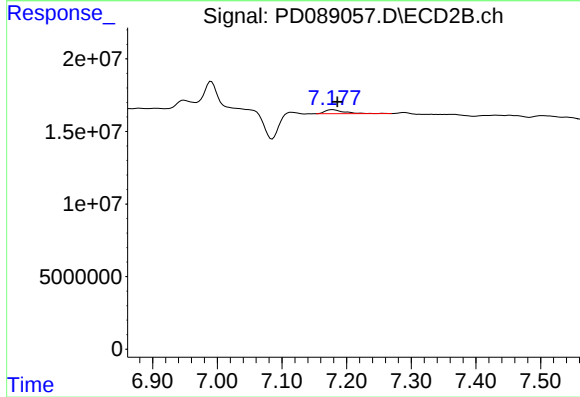
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.001 min
Response: 16743726
Conc: 0.78 ng/ml



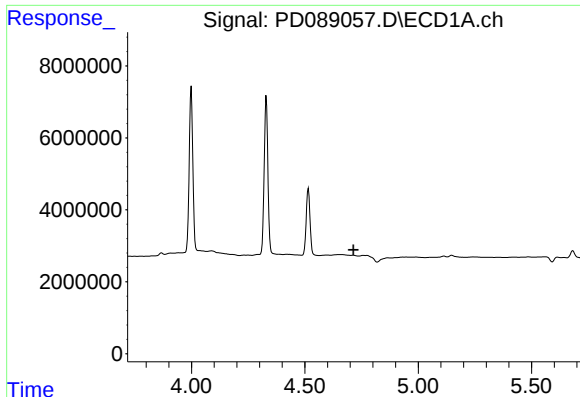
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.003 min
Response: 58914
Conc: 0.02 ng/ml



#22 Mirex

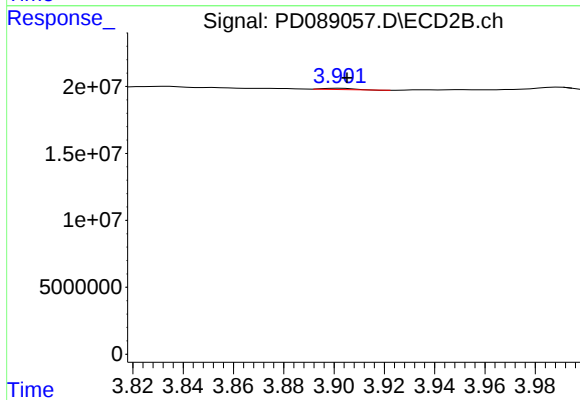
R.T.: 7.179 min
Delta R.T.: -0.007 min
Response: 5617120
Conc: 0.34 ng/ml



#23 Chlordane-1

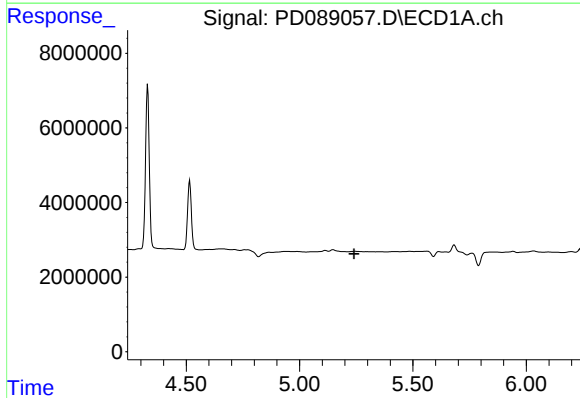
R.T.: 0.000 min
Exp R.T.: 4.715 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



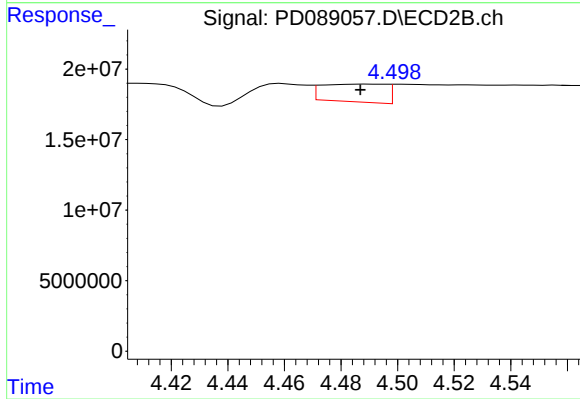
#23 Chlordane-1

R.T.: 3.902 min
Delta R.T.: -0.003 min
Response: 871830
Conc: 0.94 ng/ml



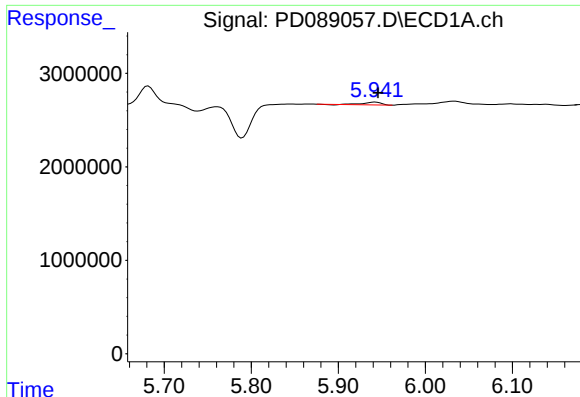
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.241 min
Response: 0
Conc: N.D.



#24 Chlordane-2

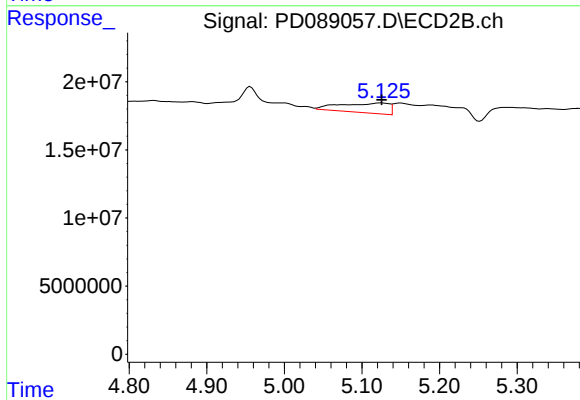
R.T.: 4.489 min
Delta R.T.: 0.002 min
Response: 19780764
Conc: 20.79 ng/ml



#25 Chlordane-3

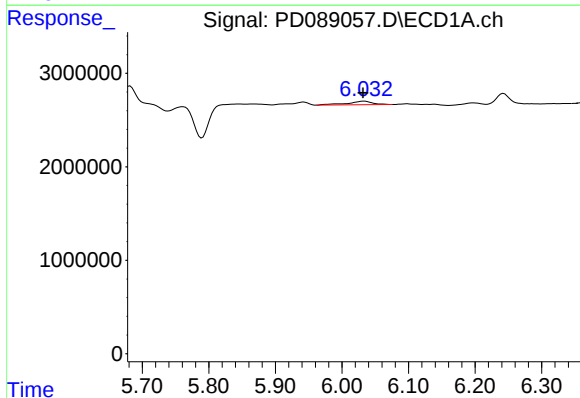
R.T.: 5.942 min
Delta R.T.: -0.004 min
Response: 427449
Conc: 0.50 ng/ml

Instrument :
ECD_D
ClientSampleId :



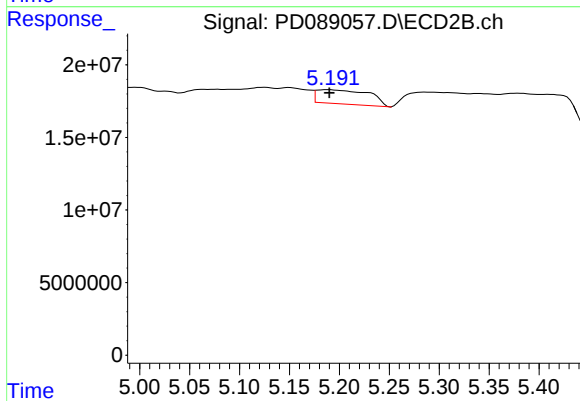
#25 Chlordane-3

R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 31751420
Conc: 10.69 ng/ml



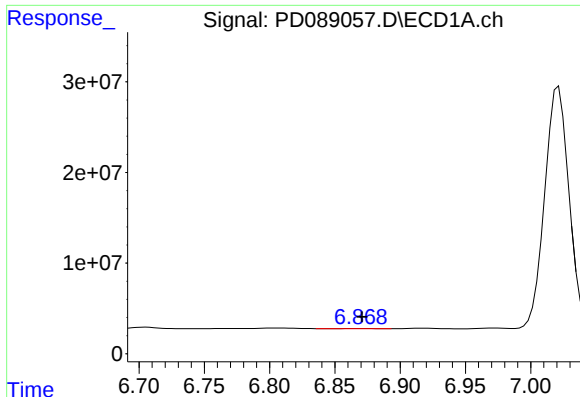
#26 Chlordane-4

R.T.: 6.033 min
Delta R.T.: 0.001 min
Response: 996187
Conc: 0.95 ng/ml



#26 Chlordane-4

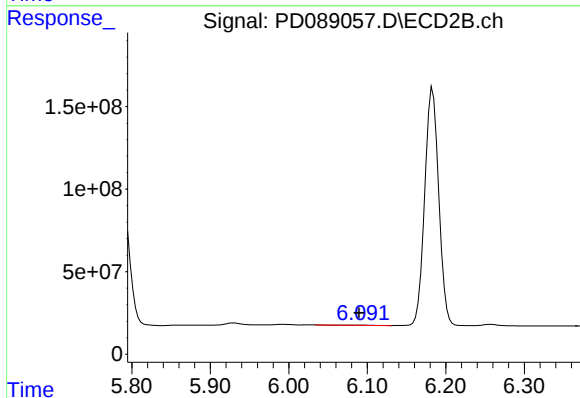
R.T.: 5.189 min
Delta R.T.: 0.000 min
Response: 35627263
Conc: 14.21 ng/ml



#27 Chlordane-5

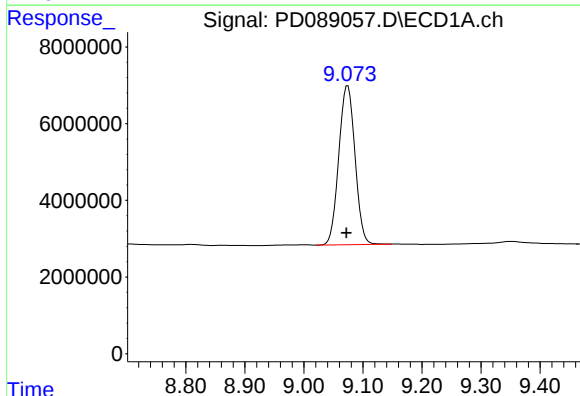
R.T.: 6.869 min
Delta R.T.: -0.002 min
Response: 203758
Conc: 1.11 ng/ml

Instrument :
ECD_D
ClientSampleId :



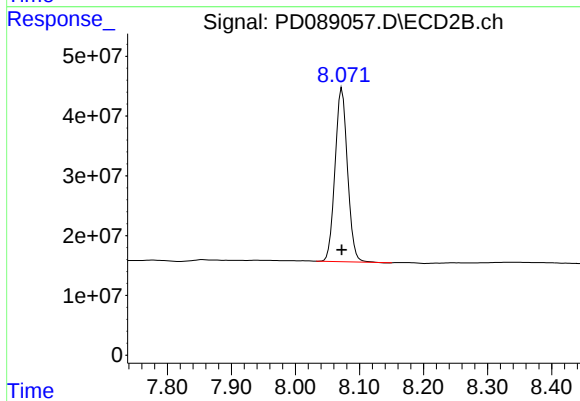
#27 Chlordane-5

R.T.: 6.085 min
Delta R.T.: -0.004 min
Response: 2210585
Conc: 1.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: 0.002 min
Response: 79217811
Conc: 20.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.073 min
Delta R.T.: 0.000 min
Response: 391397007
Conc: 19.80 ng/ml