

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081125\
 Data File : PD089842.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2025 19:09
 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: Aug 12 01:22:24 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...	3.547	2.878	50519656	402.0E6	20.482	25.384
28)	SA Decachlor...	9.067	8.066	72673437	458.6E6	19.556	22.843
Target Compounds							
2)	A alpha-BHC	3.996	3.389	48346098	333.7E6	9.760	13.731 #
3)	MA gamma-BHC...	4.327	3.726	48034697	303.2E6	10.108	13.463 #
4)	MA Heptachlor	0.000	4.073	0	1963491	N.D.	0.085 #
5)	MB Aldrin	5.251f	4.360	327022	1636848	0.072	0.074
6)	B beta-BHC	4.513	4.021	20171558	132.9E6	10.935	13.771 #
7)	B delta-BHC	4.771	4.253	1446350	1767938	0.315	0.078 #
8)	B Heptachlo...	5.679	4.870	3714076	3897095	0.888	0.190 #
9)	A Endosulfan I	0.000	5.225f	0	8670946	N.D.	0.444 #
10)	B gamma-Chl...	5.940	5.121	341549	45030881	0.082	2.080 #
11)	B alpha-Chl...	6.029	5.184	580926	23078560	0.138	1.108 #
12)	B 4,4'-DDE	6.192	5.371	531351	4722956	0.142	0.223 #
13)	MA Dieldrin	6.364f	5.495	1343076	2436699	0.318	0.113 #
14)	MA Endrin	6.570	5.784	168.4E6	1171.0E6	47.074	58.770
15)	B Endosulfa...	6.766f	6.080	2023746	8845276	0.552	0.471
16)	A 4,4'-DDD	6.701	5.924	19843238	118.7E6	6.626	6.733
17)	MA 4,4'-DDT	7.017	6.178	288.4E6	1989.3E6	85.821	108.272 #
18)	B Endrin al...	6.912	6.253	2719694	23077148	1.090	1.786 #
19)	B Endosulfa...	0.000	6.457f	0	2736495	N.D.	0.147 #
20)	A Methoxychlor	7.489	6.748	354.7E6	2164.2E6	198.370	220.934
21)	B Endrin ke...	7.626	6.986	8727861	80008994	2.350	3.987 #
22)	Mirex	8.117	7.173	166744	6163104	0.060	0.405 #
23)	Chlordane-1	0.000	3.898	0	1067393	N.D.	1.459 #
24)	Chlordane-2	5.251	4.484	327022	13781589	1.925	18.030 #
25)	Chlordane-3	5.940	5.121	341549	45030881	0.498	19.458 #
26)	Chlordane-4	6.029	5.184	580926	23078560	0.694	11.600 #
27)	Chlordane-5	0.000	6.080	0	8845276	N.D.	9.777 #

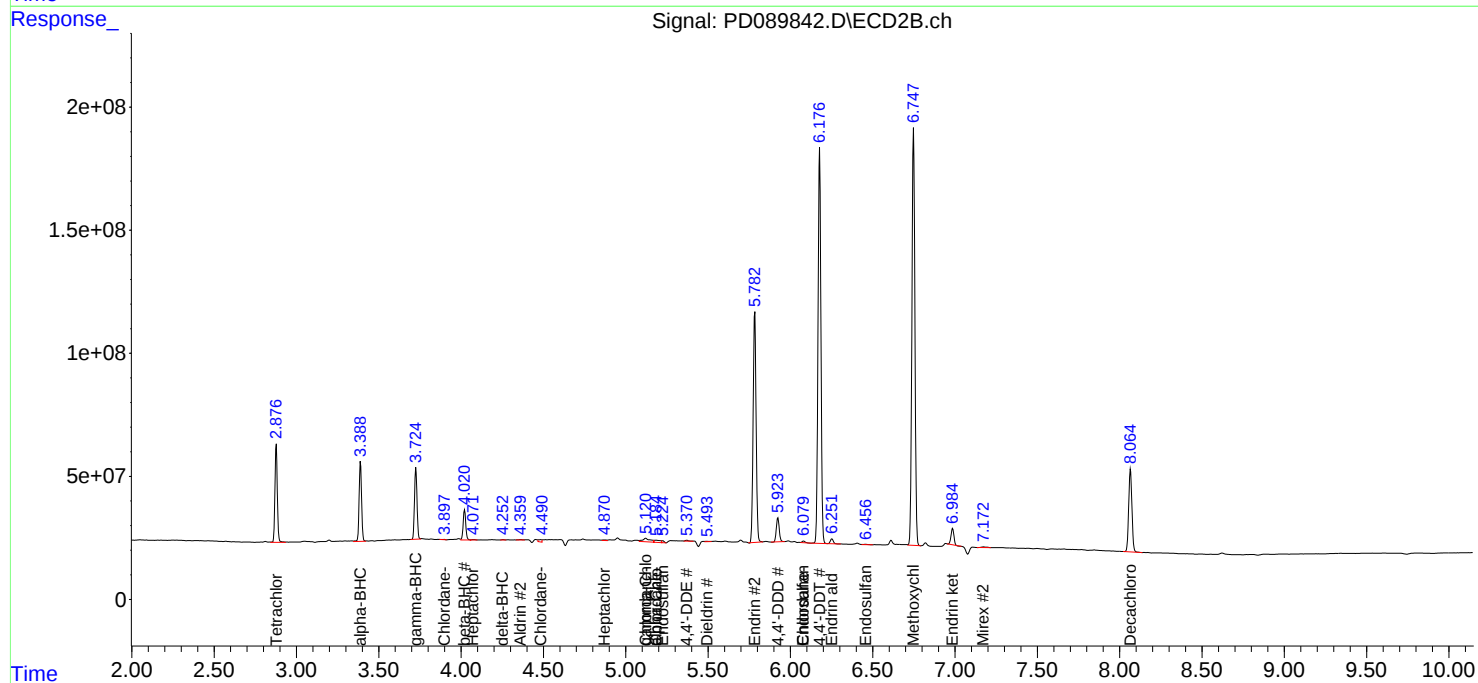
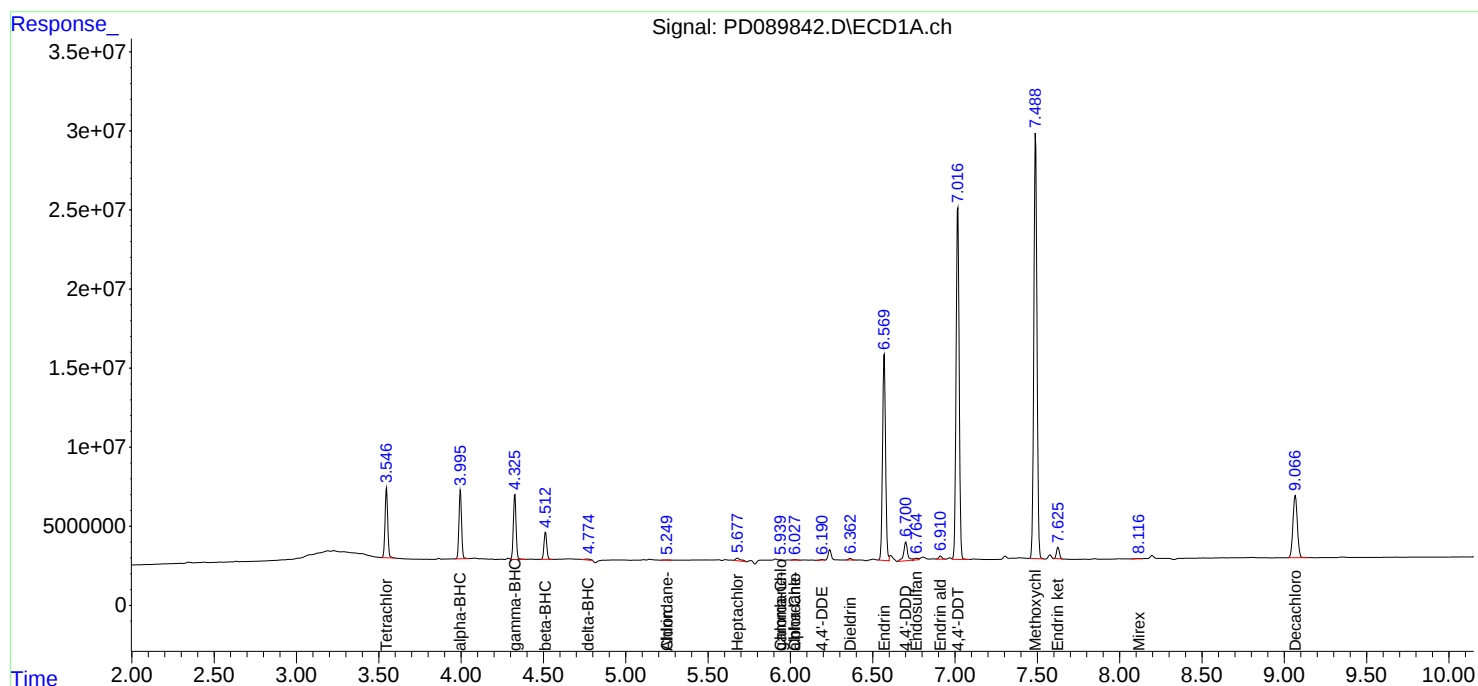
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

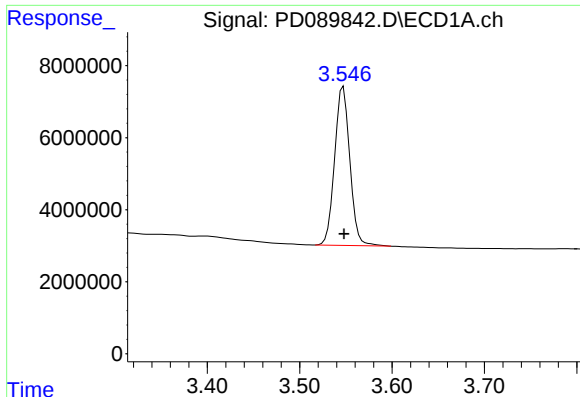
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD081125\
Data File : PD089842.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Aug 2025 19:09
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 12 01:22:24 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

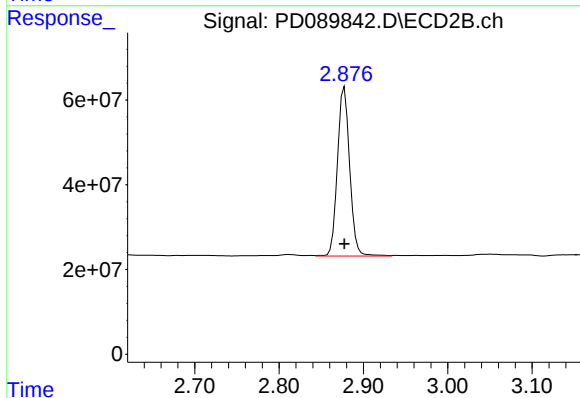




#1 Tetrachloro-m-xylene

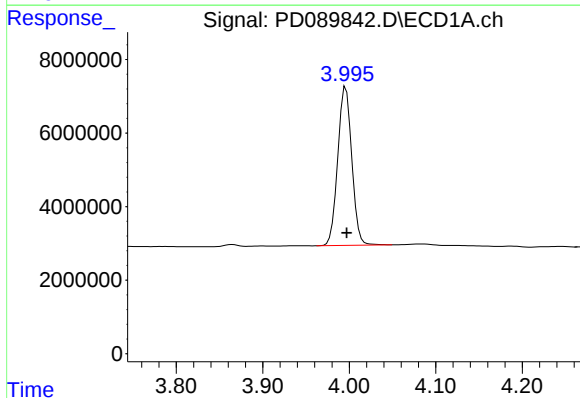
R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 50519656
Conc: 20.48 ng/ml

Instrument :
ECD_D
ClientSampleId :



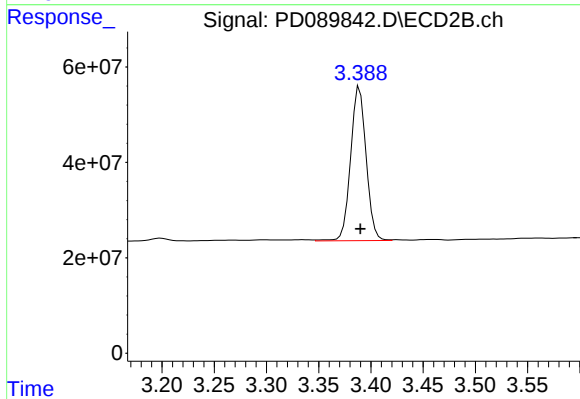
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 402026236
Conc: 25.38 ng/ml



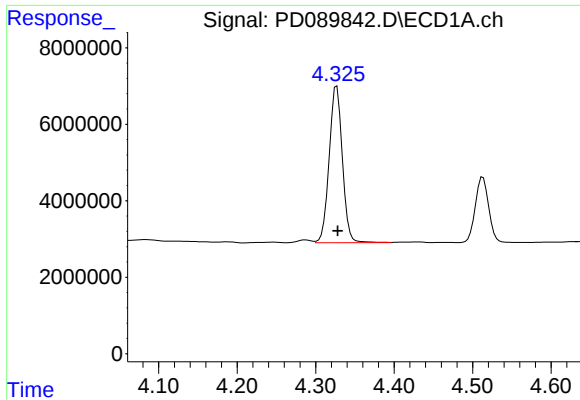
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.000 min
Response: 48346098
Conc: 9.76 ng/ml



#2 alpha-BHC

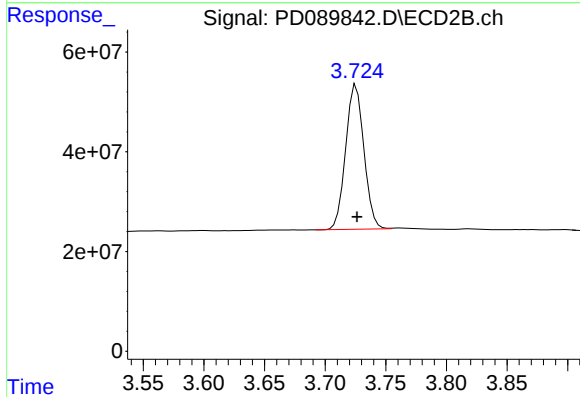
R.T.: 3.389 min
Delta R.T.: 0.000 min
Response: 333728930
Conc: 13.73 ng/ml



#3 gamma-BHC (Lindane)

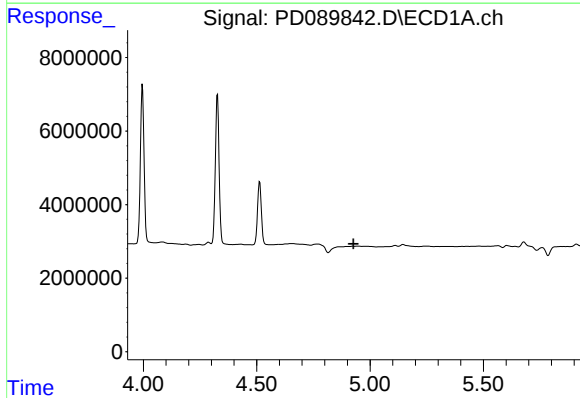
R.T.: 4.327 min
Delta R.T.: -0.001 min
Response: 48034697
Conc: 10.11 ng/ml

Instrument :
ECD_D
ClientSampleId :



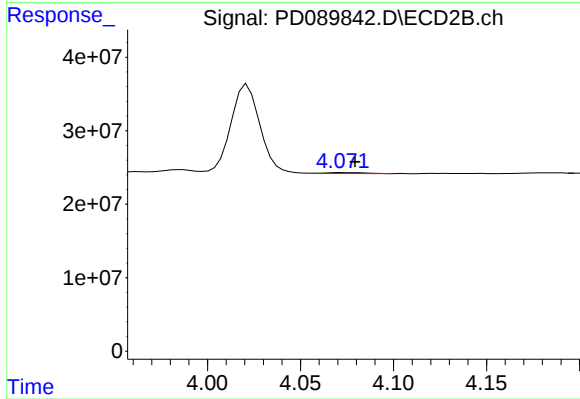
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: 0.000 min
Response: 303234643
Conc: 13.46 ng/ml



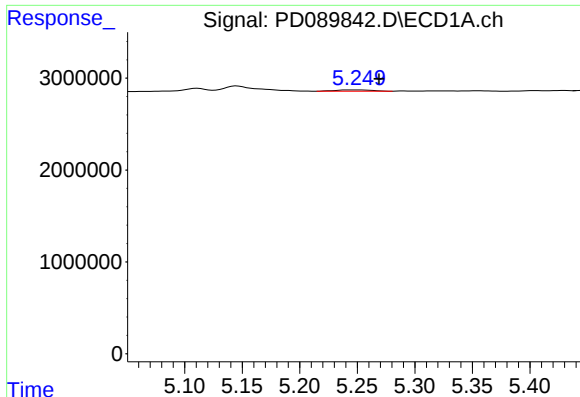
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.927 min
Response: 0
Conc: N.D.



#4 Heptachlor

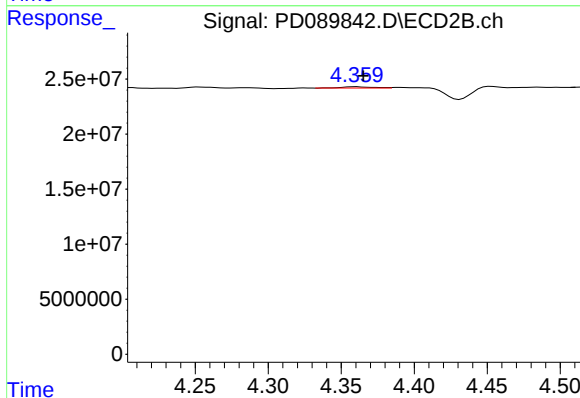
R.T.: 4.073 min
Delta R.T.: -0.006 min
Response: 1963491
Conc: 0.08 ng/ml



#5 Aldrin

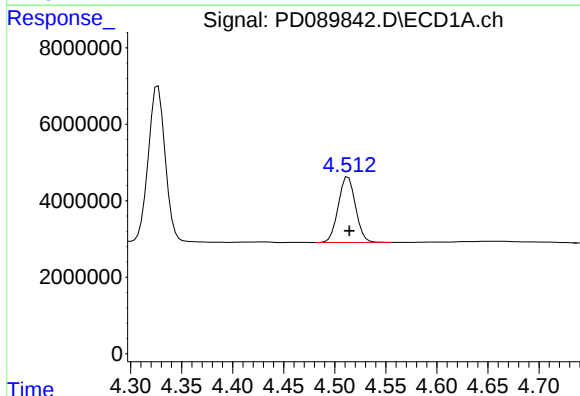
R.T.: 5.251 min
Delta R.T.: -0.018 min
Response: 327022
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :



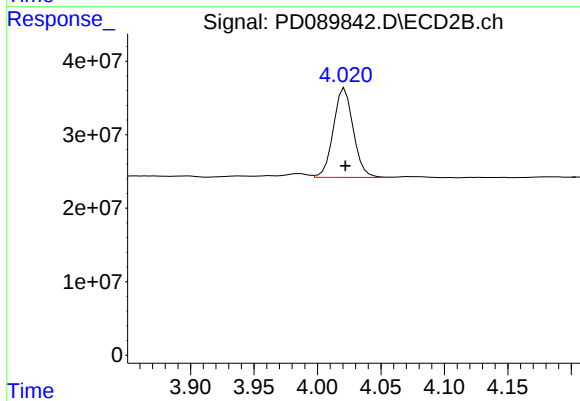
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: -0.006 min
Response: 1636848
Conc: 0.07 ng/ml



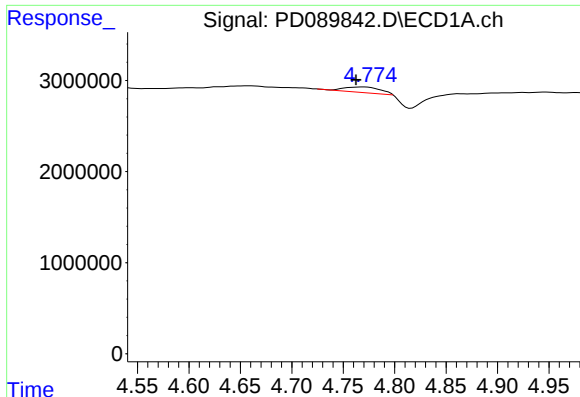
#6 beta-BHC

R.T.: 4.513 min
Delta R.T.: -0.001 min
Response: 20171558
Conc: 10.94 ng/ml



#6 beta-BHC

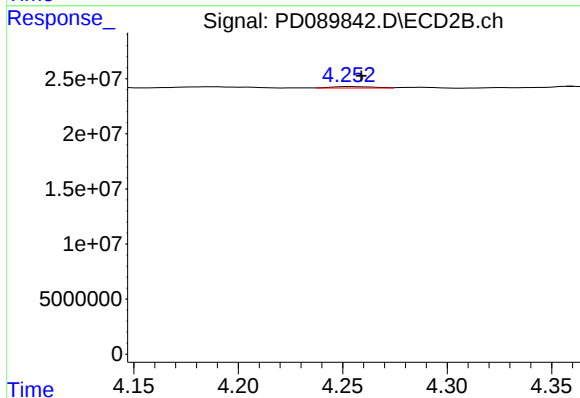
R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 132876669
Conc: 13.77 ng/ml



#7 delta-BHC

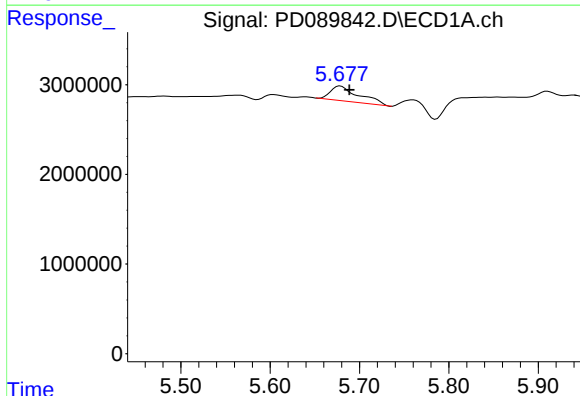
R.T.: 4.771 min
Delta R.T.: 0.008 min
Response: 1446350
Conc: 0.32 ng/ml

Instrument :
ECD_D
ClientSampleId :



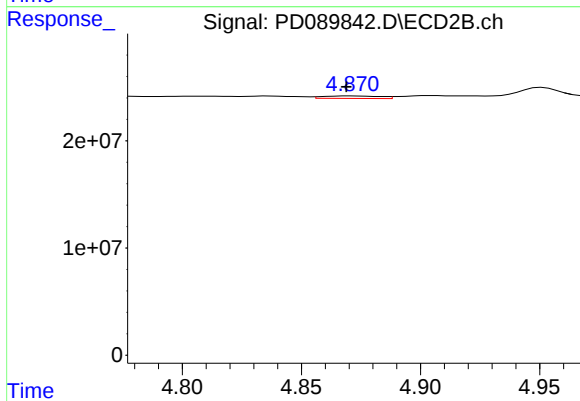
#7 delta-BHC

R.T.: 4.253 min
Delta R.T.: -0.006 min
Response: 1767938
Conc: 0.08 ng/ml



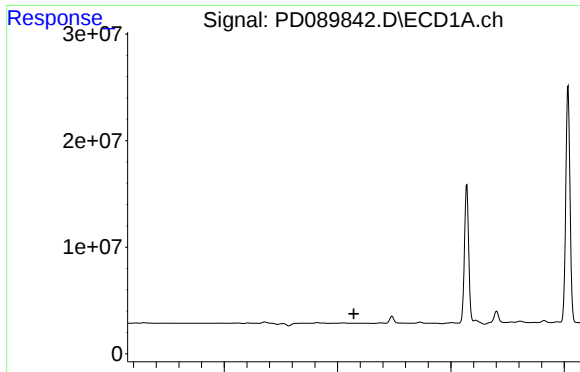
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: -0.010 min
Response: 3714076
Conc: 0.89 ng/ml



#8 Heptachlor epoxide

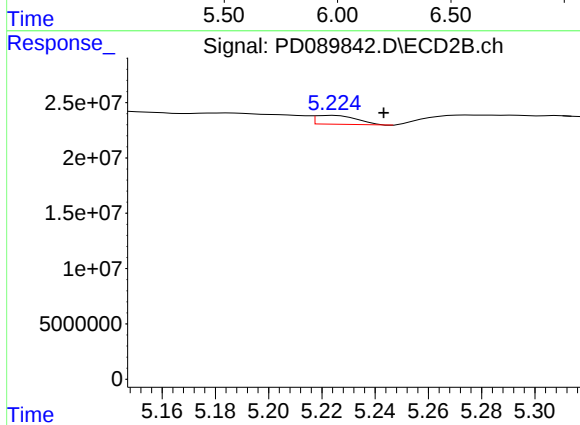
R.T.: 4.870 min
Delta R.T.: 0.002 min
Response: 3897095
Conc: 0.19 ng/ml



#9 Endosulfan I

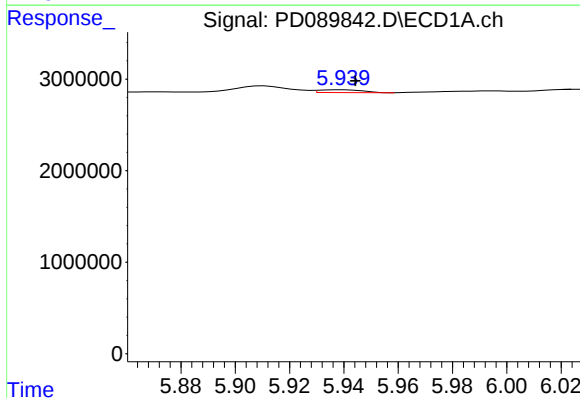
R.T.: 0.000 min
Exp R.T.: 6.072 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



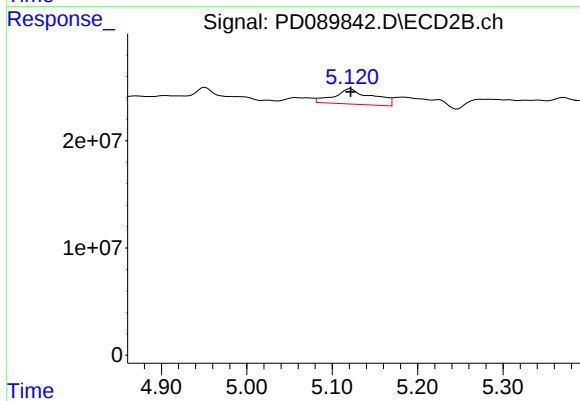
#9 Endosulfan I

R.T.: 5.225 min
Delta R.T.: -0.019 min
Response: 8670946
Conc: 0.44 ng/ml



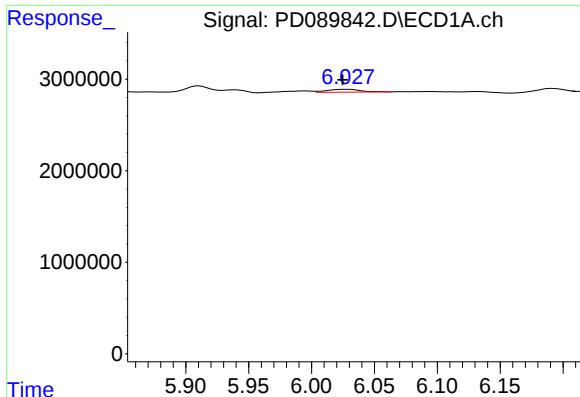
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.004 min
Response: 341549
Conc: 0.08 ng/ml



#10 gamma-Chlordane

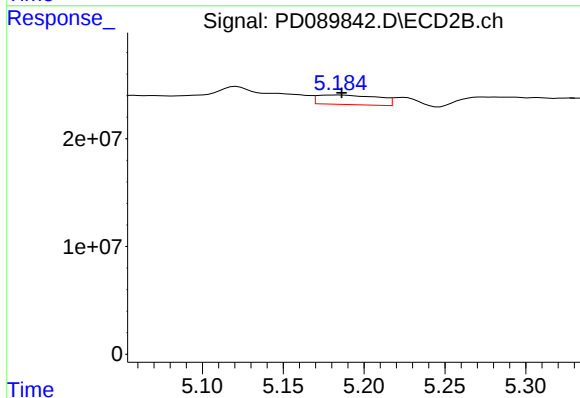
R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 45030881
Conc: 2.08 ng/ml



#11 alpha-Chlordane

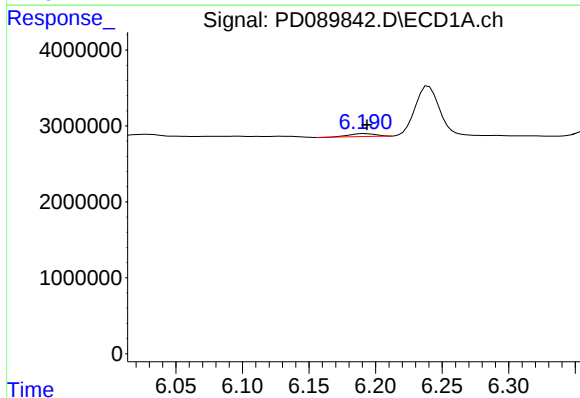
R.T.: 6.029 min
Delta R.T.: 0.004 min
Response: 580926
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :



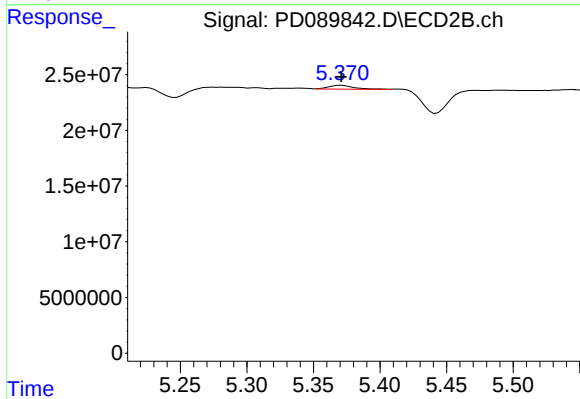
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 23078560
Conc: 1.11 ng/ml



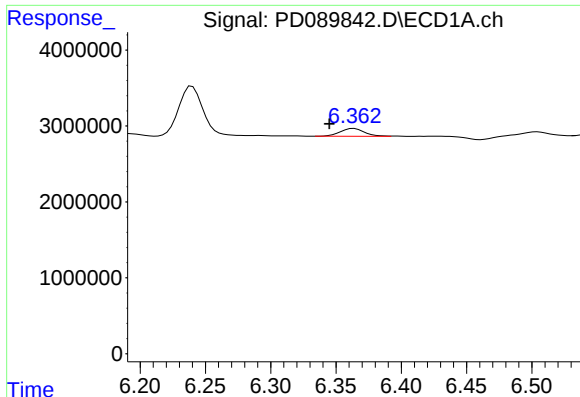
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: -0.002 min
Response: 531351
Conc: 0.14 ng/ml



#12 4,4'-DDE

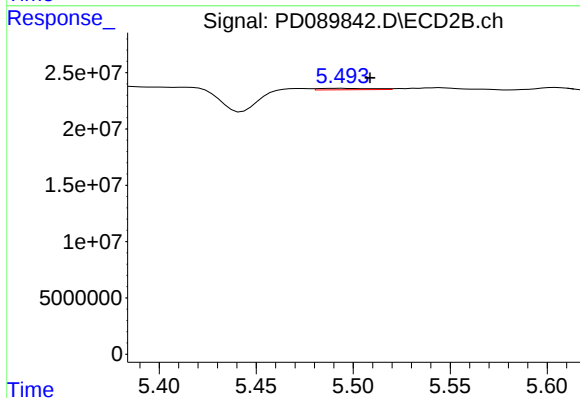
R.T.: 5.371 min
Delta R.T.: 0.000 min
Response: 4722956
Conc: 0.22 ng/ml



#13 Dieldrin

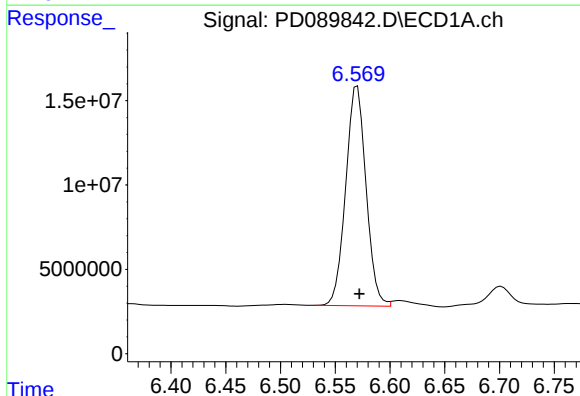
R.T.: 6.364 min
Delta R.T.: 0.019 min
Response: 1343076
Conc: 0.32 ng/ml

Instrument :
ECD_D
ClientSampleId :



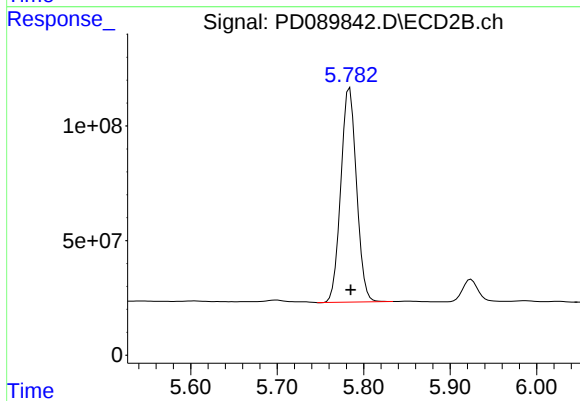
#13 Dieldrin

R.T.: 5.495 min
Delta R.T.: -0.014 min
Response: 2436699
Conc: 0.11 ng/ml



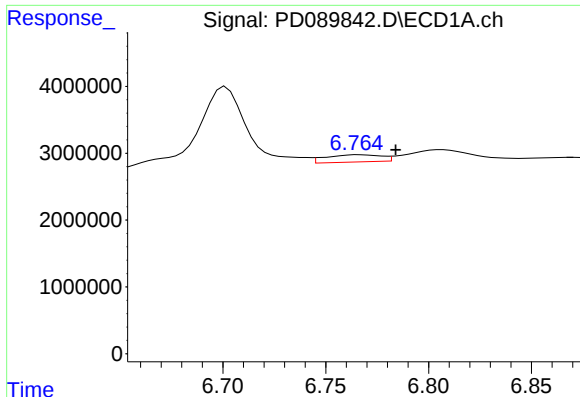
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.002 min
Response: 168417805
Conc: 47.07 ng/ml



#14 Endrin

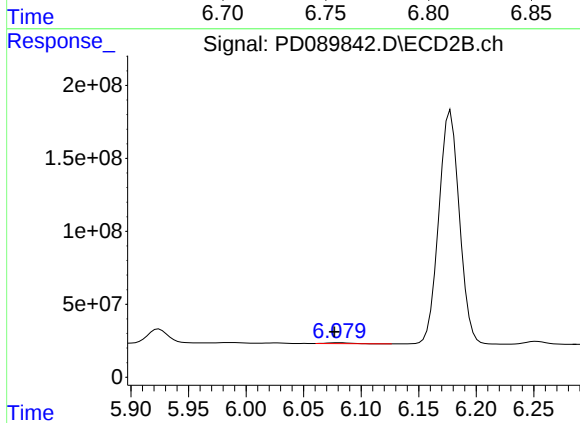
R.T.: 5.784 min
Delta R.T.: -0.001 min
Response: 1171007919
Conc: 58.77 ng/ml



#15 Endosulfan II

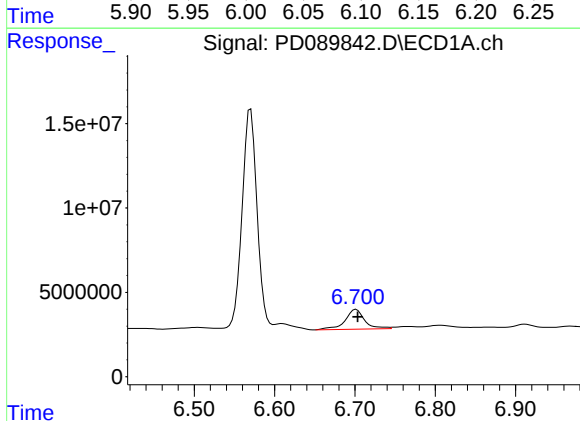
R.T.: 6.766 min
Delta R.T.: -0.018 min
Response: 2023746
Conc: 0.55 ng/ml

Instrument :
ECD_D
ClientSampleId :



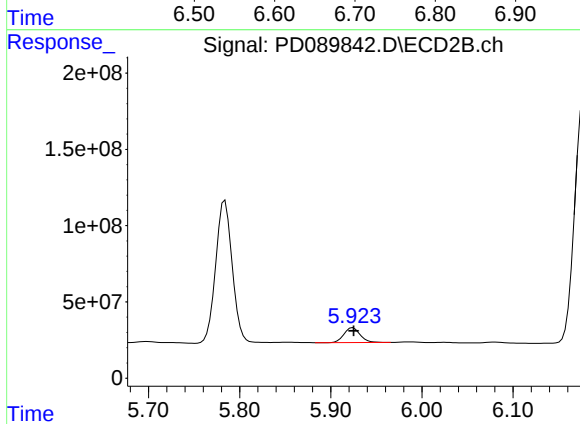
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: 0.003 min
Response: 8845276
Conc: 0.47 ng/ml



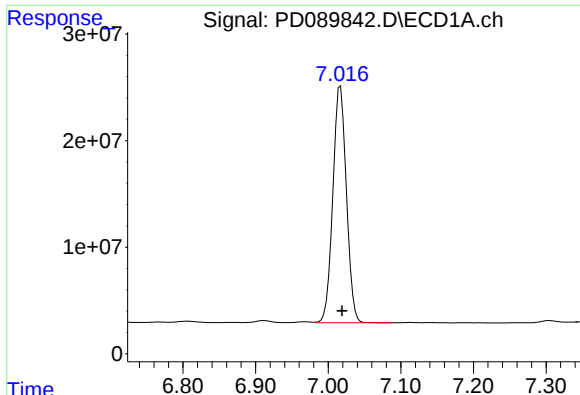
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: -0.002 min
Response: 19843238
Conc: 6.63 ng/ml



#16 4,4'-DDD

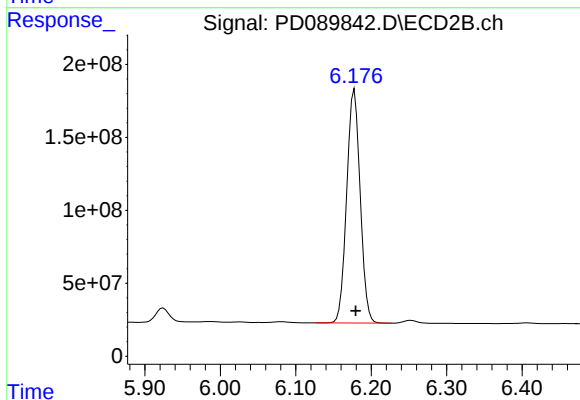
R.T.: 5.924 min
Delta R.T.: -0.001 min
Response: 118714973
Conc: 6.73 ng/ml



#17 4,4'-DDT

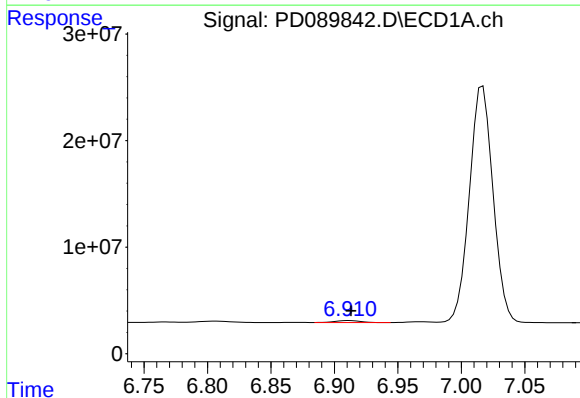
R.T.: 7.017 min
Delta R.T.: -0.002 min
Response: 288378973
Conc: 85.82 ng/ml

Instrument :
ECD_D
ClientSampleId :



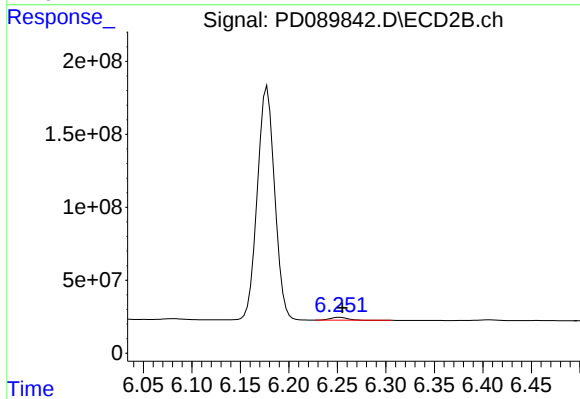
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: -0.002 min
Response: 1989254149
Conc: 108.27 ng/ml



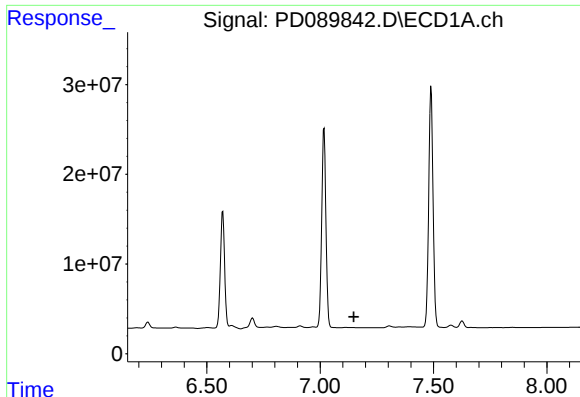
#18 Endrin aldehyde

R.T.: 6.912 min
Delta R.T.: -0.001 min
Response: 2719694
Conc: 1.09 ng/ml



#18 Endrin aldehyde

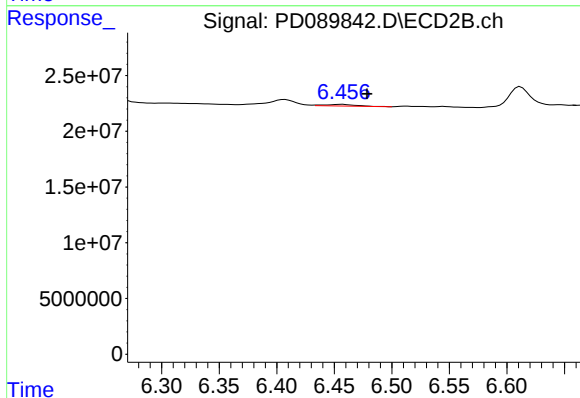
R.T.: 6.253 min
Delta R.T.: -0.003 min
Response: 23077148
Conc: 1.79 ng/ml



#19 Endosulfan Sulfate

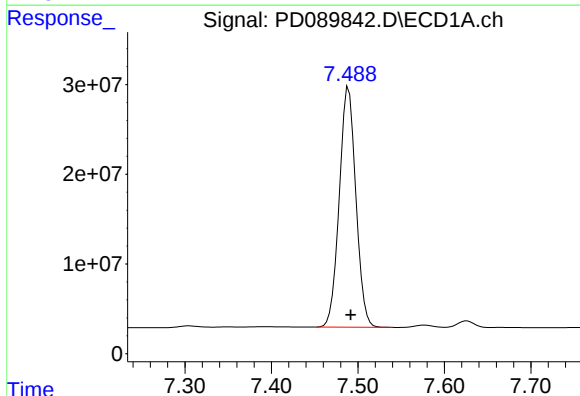
R.T.: 0.000 min
Exp R.T.: 7.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



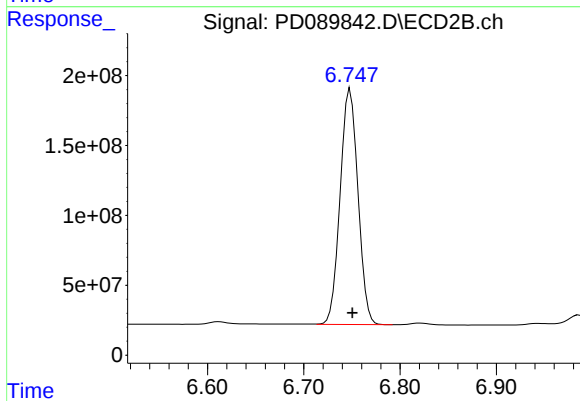
#19 Endosulfan Sulfate

R.T.: 6.457 min
Delta R.T.: -0.021 min
Response: 2736495
Conc: 0.15 ng/ml



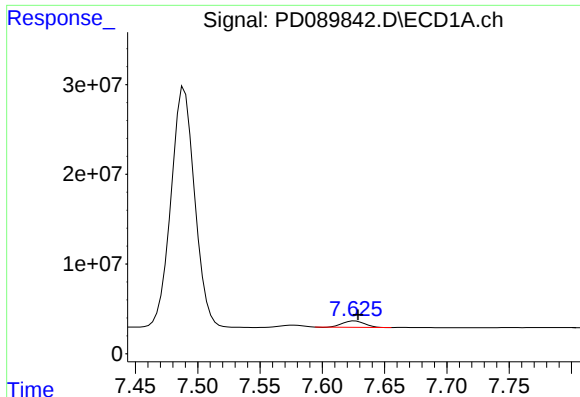
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: -0.002 min
Response: 354681095
Conc: 198.37 ng/ml



#20 Methoxychlor

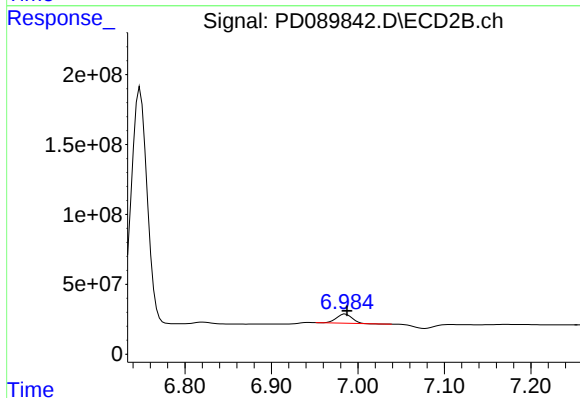
R.T.: 6.748 min
Delta R.T.: -0.002 min
Response: 2164155122
Conc: 220.93 ng/ml



#21 Endrin ketone

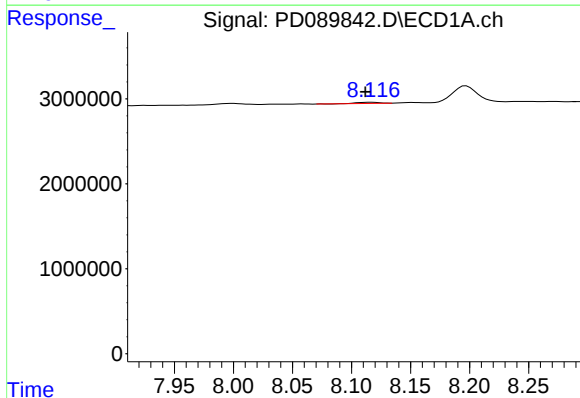
R.T.: 7.626 min
Delta R.T.: -0.003 min
Response: 8727861
Conc: 2.35 ng/ml

Instrument :
ECD_D
ClientSampleId :



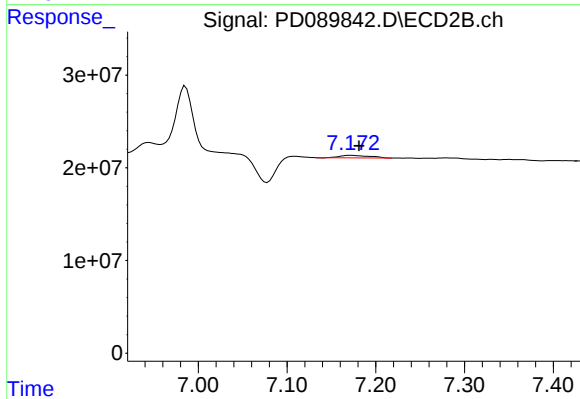
#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: -0.002 min
Response: 80008994
Conc: 3.99 ng/ml



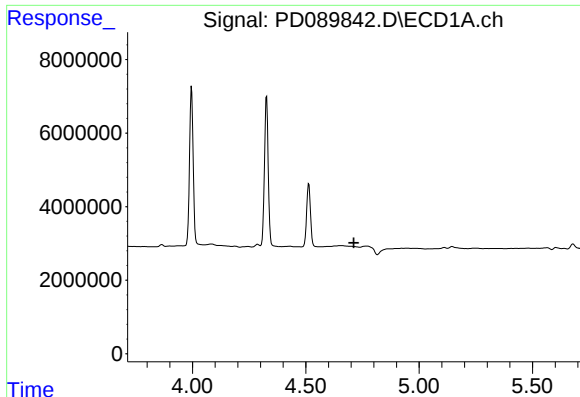
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.005 min
Response: 166744
Conc: 0.06 ng/ml



#22 Mirex

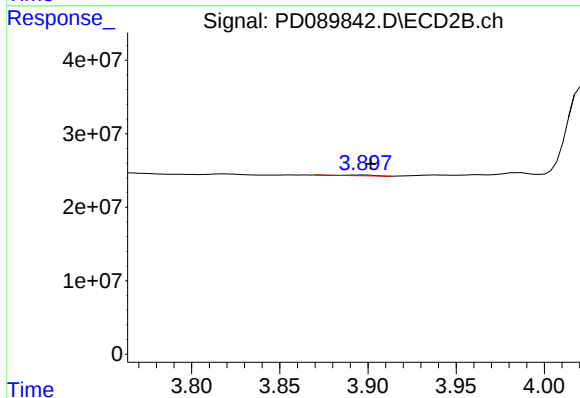
R.T.: 7.173 min
Delta R.T.: -0.008 min
Response: 6163104
Conc: 0.40 ng/ml



#23 Chlordane-1

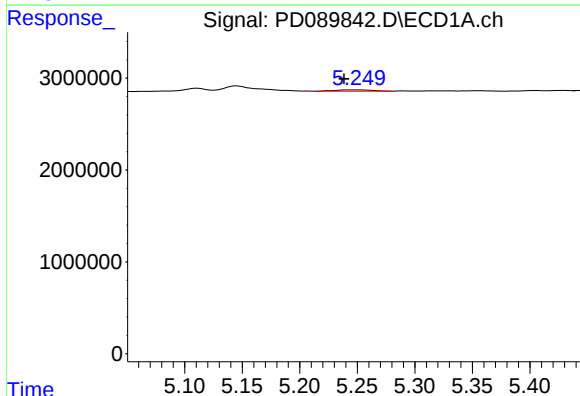
R.T.: 0.000 min
Exp R.T.: 4.712 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



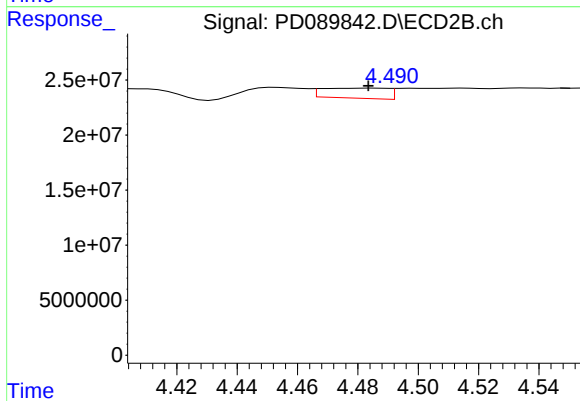
#23 Chlordane-1

R.T.: 3.898 min
Delta R.T.: -0.004 min
Response: 1067393
Conc: 1.46 ng/ml



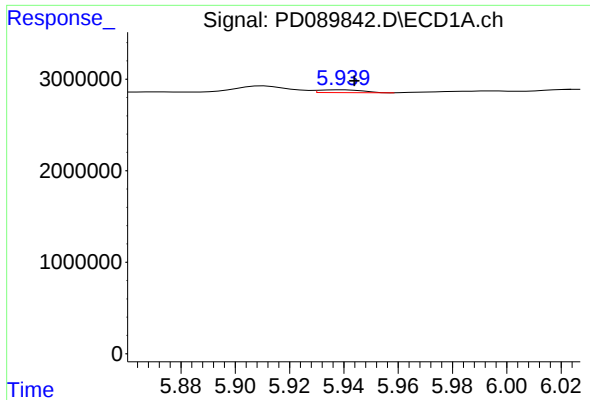
#24 Chlordane-2

R.T.: 5.251 min
Delta R.T.: 0.012 min
Response: 327022
Conc: 1.92 ng/ml



#24 Chlordane-2

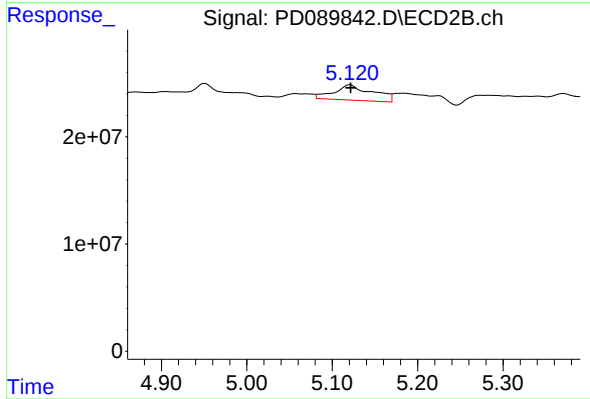
R.T.: 4.484 min
Delta R.T.: 0.001 min
Response: 13781589
Conc: 18.03 ng/ml



#25 Chlordane-3

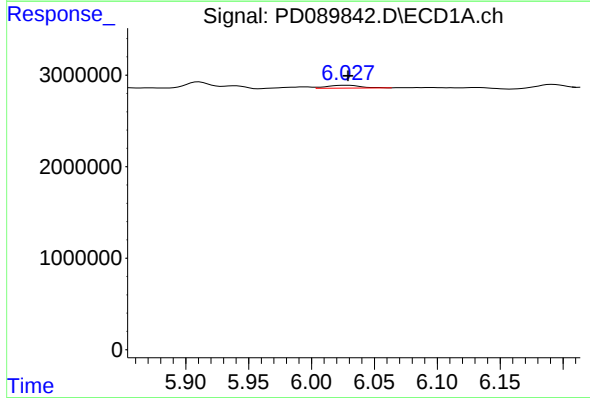
R.T.: 5.940 min
Delta R.T.: -0.004 min
Response: 341549
Conc: 0.50 ng/ml

Instrument :
ECD_D
ClientSampleId :



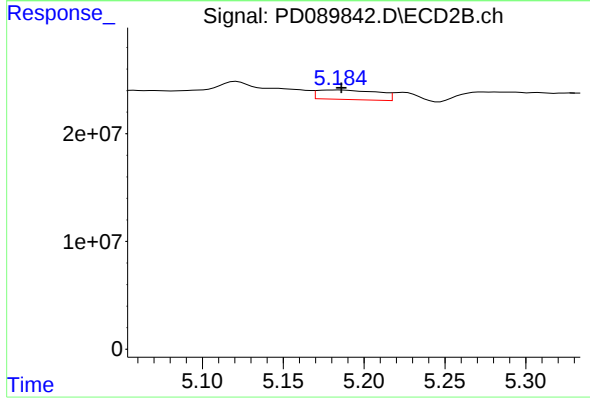
#25 Chlordane-3

R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 45030881
Conc: 19.46 ng/ml



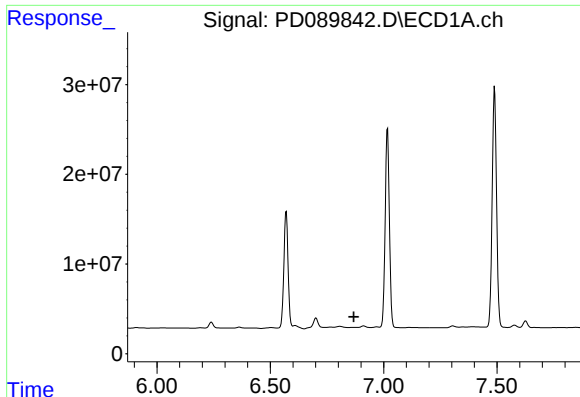
#26 Chlordane-4

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 580926
Conc: 0.69 ng/ml



#26 Chlordane-4

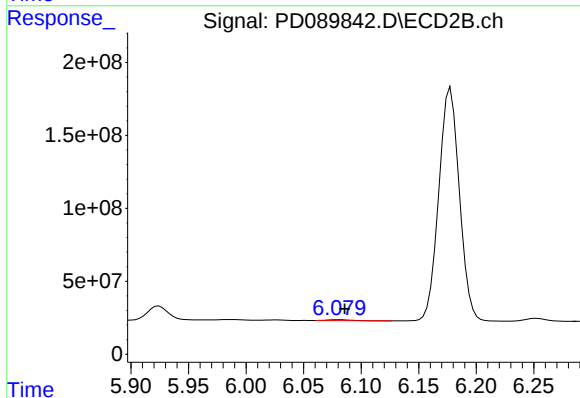
R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 23078560
Conc: 11.60 ng/ml



#27 Chlordane-5

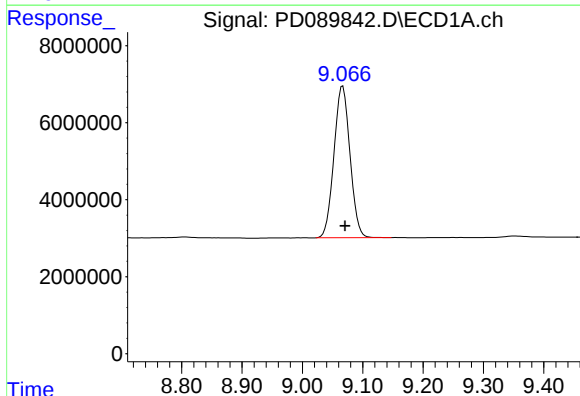
R.T.: 0.000 min
Exp R.T.: 6.868 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



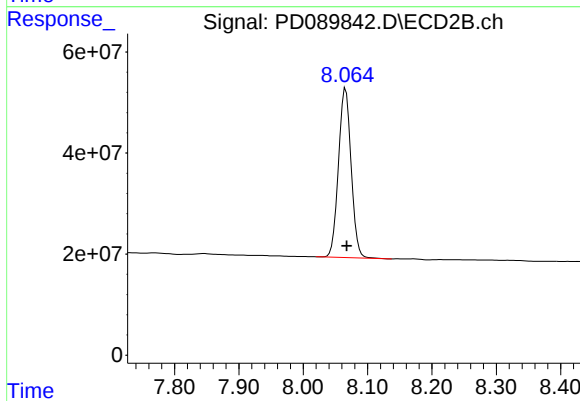
#27 Chlordane-5

R.T.: 6.080 min
Delta R.T.: -0.006 min
Response: 8845276
Conc: 9.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: -0.004 min
Response: 72673437
Conc: 19.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: -0.002 min
Response: 458649320
Conc: 22.84 ng/ml