

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072525\
 Data File : PD089623.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2025 11:01
 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: Jul 24 23:30:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 22 04:39:29 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...	3.548	2.878	61099723	431.6E6	21.205	22.057
28)	SA Decachlor...	9.067	8.066	83798741	483.8E6	20.404	19.691
Target Compounds							
2)	A alpha-BHC	3.997	3.390	58008093	354.8E6	10.160	11.808
3)	MA gamma-BHC...	4.328	3.726	57827845	319.0E6	10.481	11.490
4)	MA Heptachlor	0.000	4.074	0	2662905	N.D.	0.095 #
5)	MB Aldrin	5.247f	4.359	303150	861776	0.058	0.031 #
6)	B beta-BHC	4.514	4.022	24391872	139.9E6	11.313	11.751
7)	B delta-BHC	4.756	4.259	529114	1373273	0.100	0.049 #
8)	B Heptachlo...	5.674	4.867	513307	7133154	0.109	0.287 #
9)	A Endosulfan I	6.064	5.224f	135966	5968713	0.031	0.251 #
10)	B gamma-Chl...	5.940	5.122	321962	56403792	0.068	2.108 #
11)	B alpha-Chl...	6.029	5.183	1155694	14764741	0.242	0.572 #
12)	B 4,4'-DDE	6.191	5.371	570853	4760195	0.133	0.181 #
13)	MA Dieldrin	6.363f	5.524	3226669	2205448	0.684	0.083 #
14)	MA Endrin	6.570	5.785	208.8E6	1225.0E6	51.273	50.657
15)	B Endosulfa...	6.766f	6.081	993246	5806205	0.244	0.253
16)	A 4,4'-DDD	6.701	5.925	36065097	234.4E6	10.643	10.690
17)	MA 4,4'-DDT	7.018	6.178	281.6E6	1738.3E6	74.627	74.265
18)	B Endrin al...	6.912	6.253	1254952	15296615	0.430	0.922 #
19)	B Endosulfa...	0.000	6.451f	0	2370852	N.D.	0.107 #
20)	A Methoxychlor	7.490	6.749	367.7E6	1944.3E6	183.401	159.472
21)	B Endrin ke...	7.626	6.986	6967007	58077128	1.731	2.372 #
22)	Mirex	0.000	7.173	0	3424873	N.D.	0.177 #
23)	Chlordane-1	0.000	3.896	0	935045	N.D.	1.007 #
24)	Chlordane-2	5.247	4.490	303150	16491647	1.508	16.824 #
25)	Chlordane-3	5.940	5.122	321962	56403792	0.413	19.537 #
26)	Chlordane-4	6.029	5.183	1155694	14764741	1.217	6.121 #
27)	Chlordane-5	0.000	6.081	0	5806205	N.D.	4.969 #

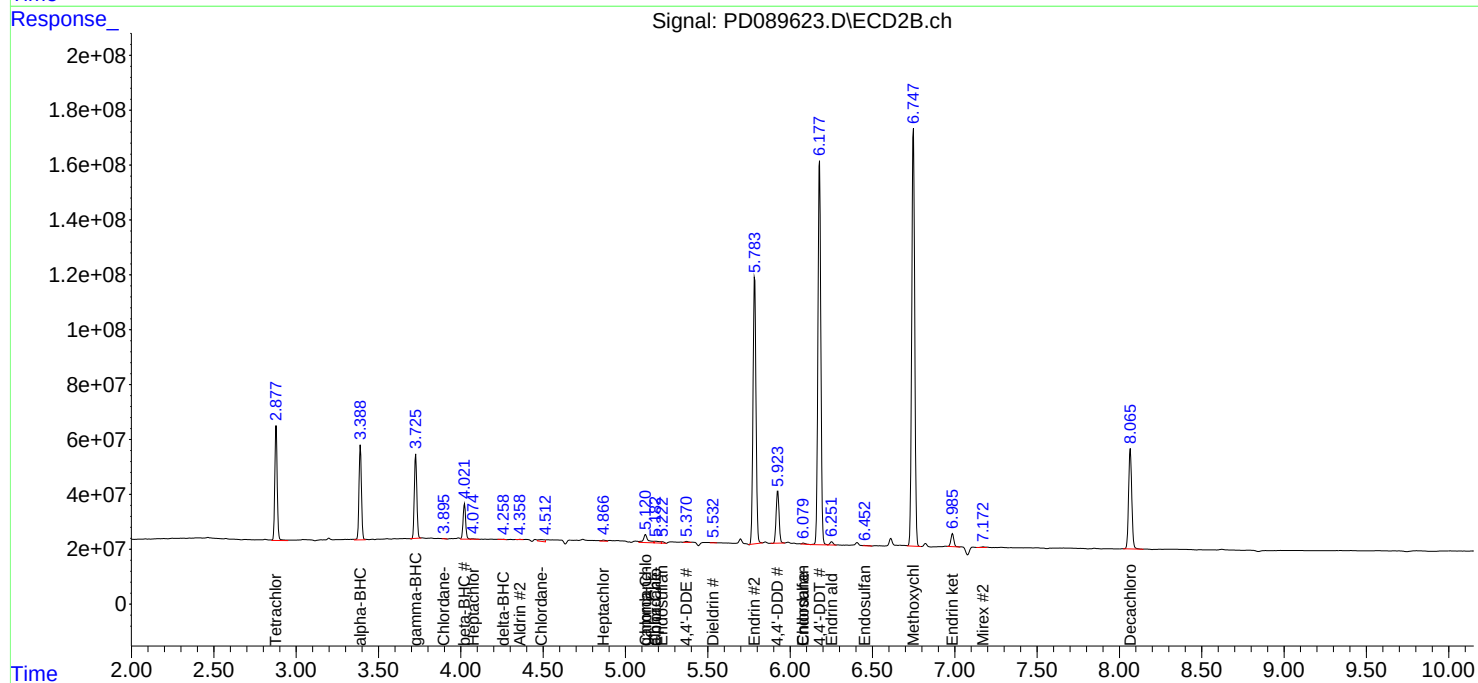
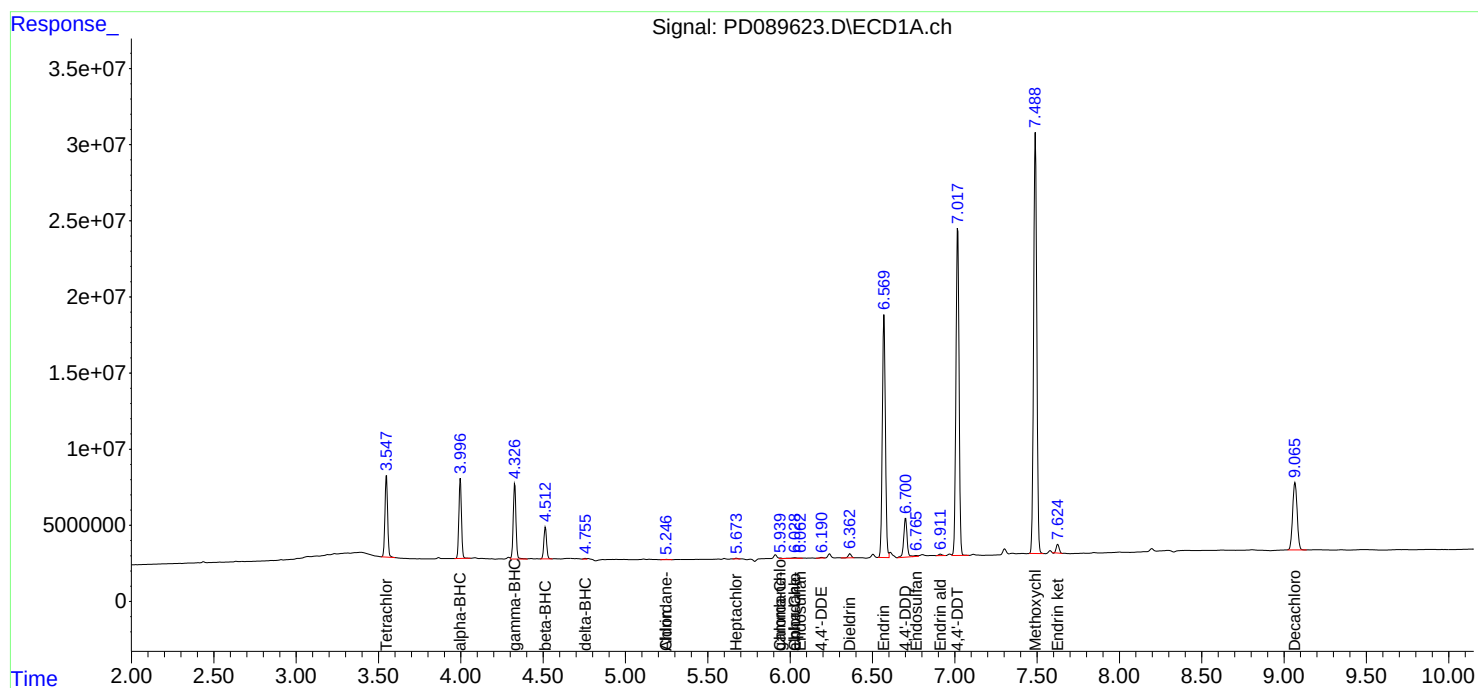
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

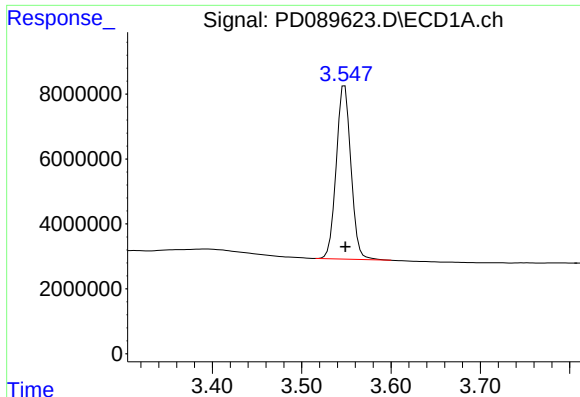
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD072525\
Data File : PD089623.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Jul 2025 11:01
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 24 23:30:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD072125.M
Quant Title : GC Extractables
QLast Update : Tue Jul 22 04:39:29 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

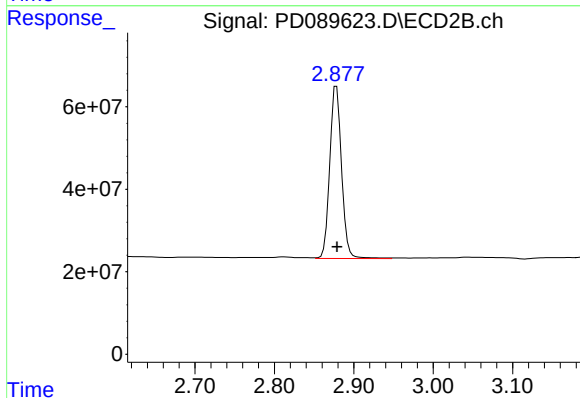




#1 Tetrachloro-m-xylene

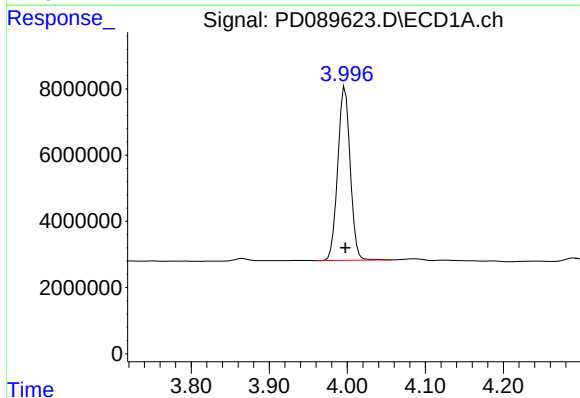
R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 61099723
Conc: 21.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



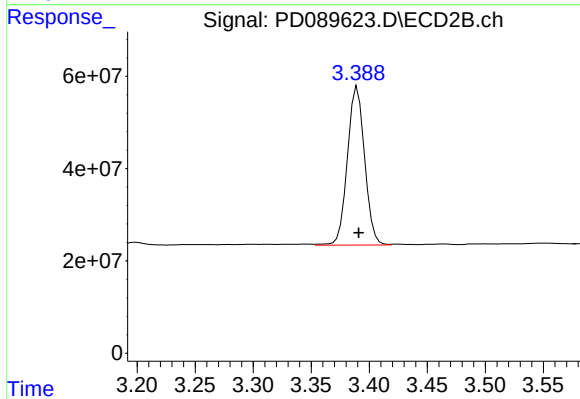
#1 Tetrachloro-m-xylene

R.T.: 2.878 min
Delta R.T.: 0.000 min
Response: 431561097
Conc: 22.06 ng/ml



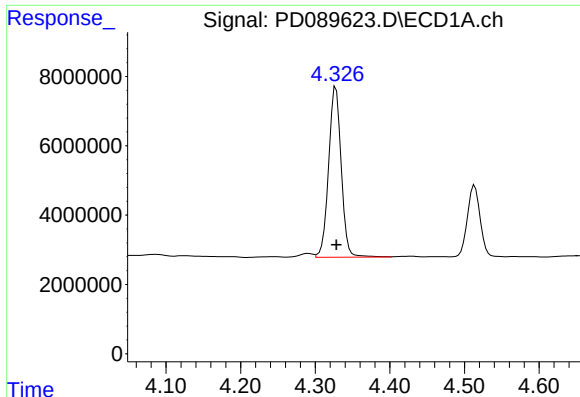
#2 alpha-BHC

R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 58008093
Conc: 10.16 ng/ml



#2 alpha-BHC

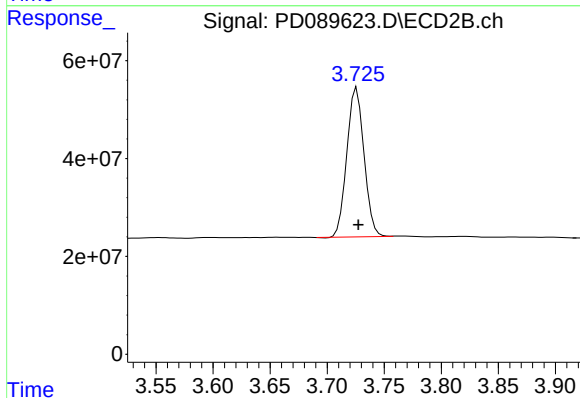
R.T.: 3.390 min
Delta R.T.: -0.001 min
Response: 354772933
Conc: 11.81 ng/ml



#3 gamma-BHC (Lindane)

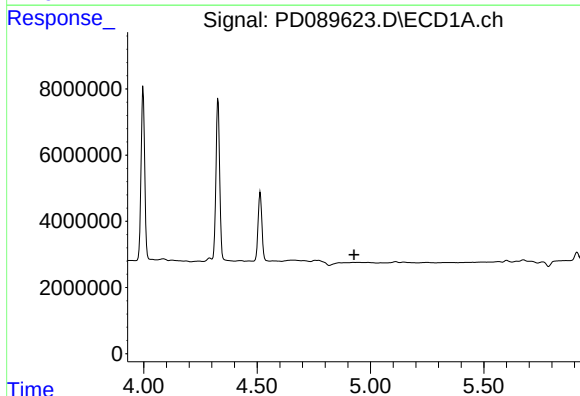
R.T.: 4.328 min
Delta R.T.: 0.000 min
Response: 57827845
Conc: 10.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



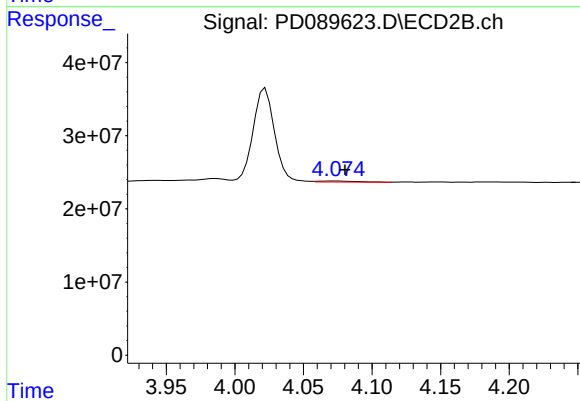
#3 gamma-BHC (Lindane)

R.T.: 3.726 min
Delta R.T.: -0.001 min
Response: 318999076
Conc: 11.49 ng/ml



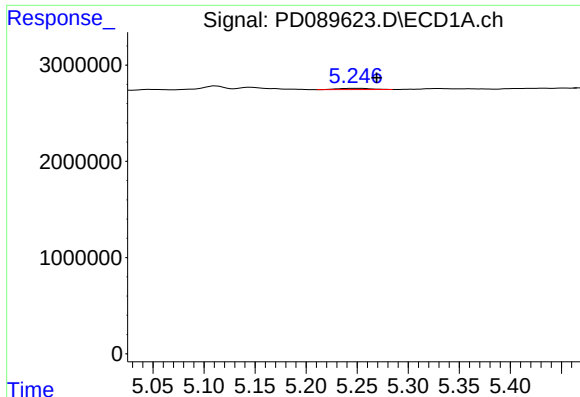
#4 Heptachlor

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



#4 Heptachlor

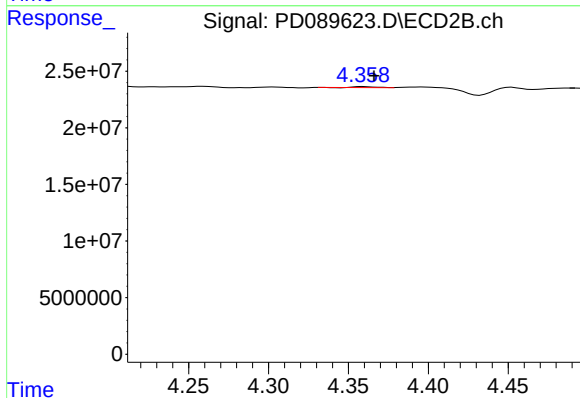
R.T.: 4.074 min
Delta R.T.: -0.006 min
Response: 2662905
Conc: 0.10 ng/ml



#5 Aldrin

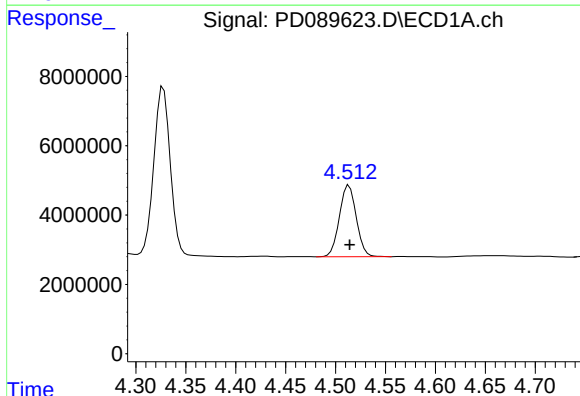
R.T.: 5.247 min
Delta R.T.: -0.022 min
Response: 303150
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



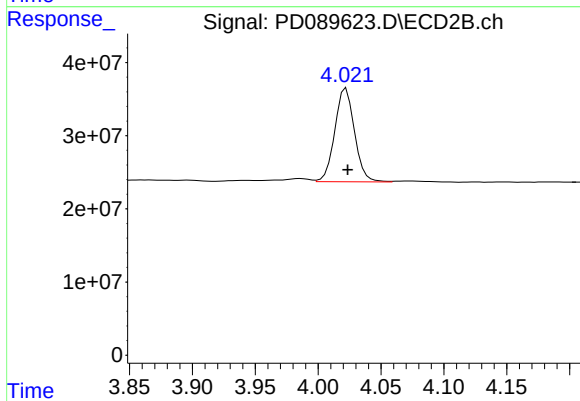
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.007 min
Response: 861776
Conc: 0.03 ng/ml



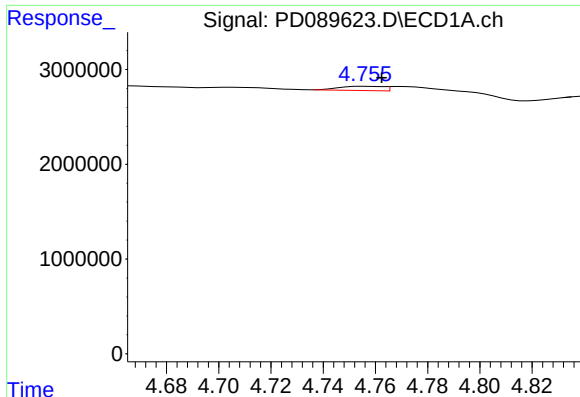
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 24391872
Conc: 11.31 ng/ml



#6 beta-BHC

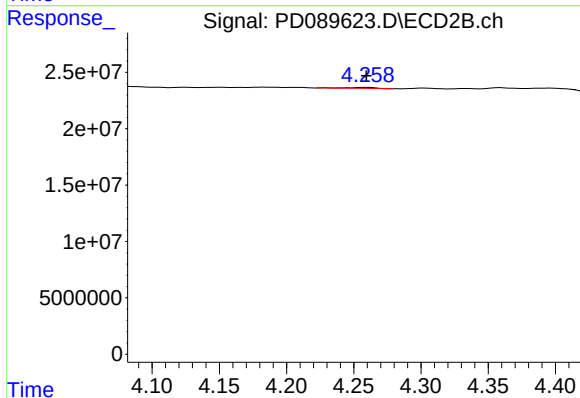
R.T.: 4.022 min
Delta R.T.: -0.001 min
Response: 139863311
Conc: 11.75 ng/ml



#7 delta-BHC

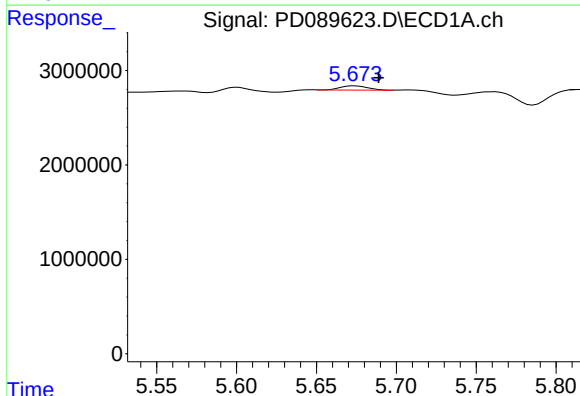
R.T.: 4.756 min
Delta R.T.: -0.006 min
Response: 529114
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



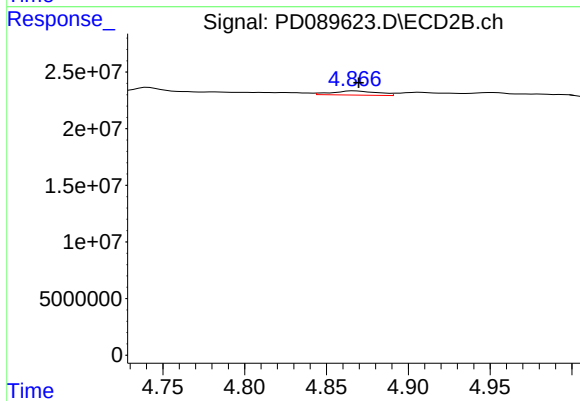
#7 delta-BHC

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 1373273
Conc: 0.05 ng/ml



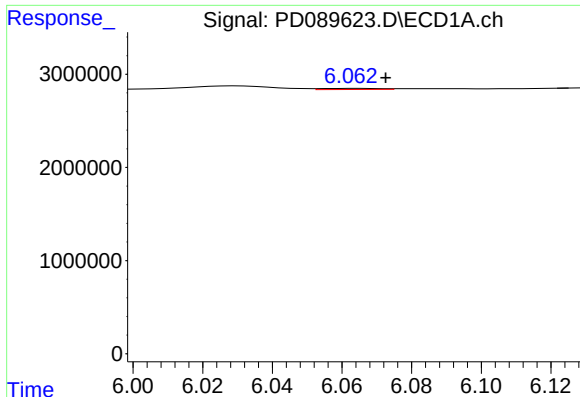
#8 Heptachlor epoxide

R.T.: 5.674 min
Delta R.T.: -0.015 min
Response: 513307
Conc: 0.11 ng/ml



#8 Heptachlor epoxide

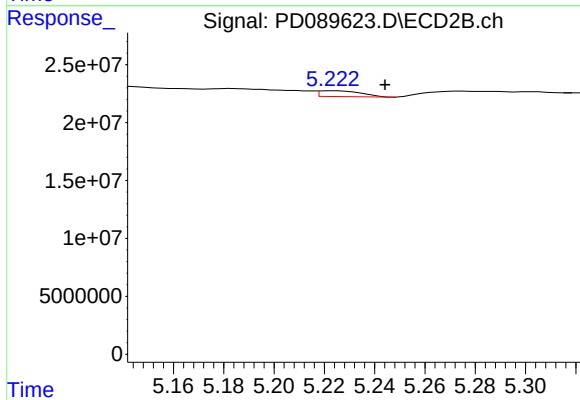
R.T.: 4.867 min
Delta R.T.: -0.003 min
Response: 7133154
Conc: 0.29 ng/ml



#9 Endosulfan I

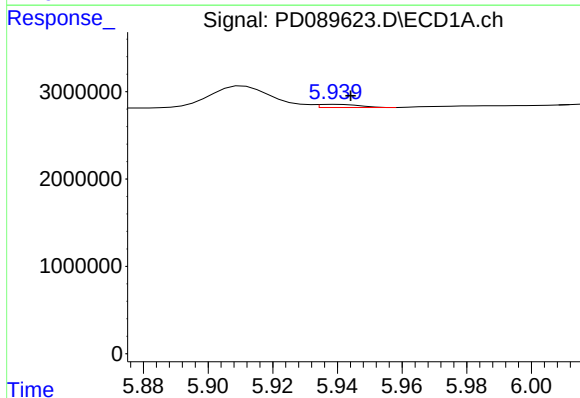
R.T.: 6.064 min
Delta R.T.: -0.009 min
Response: 135966
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



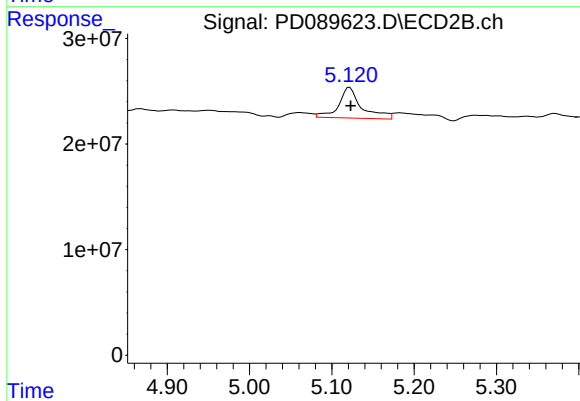
#9 Endosulfan I

R.T.: 5.224 min
Delta R.T.: -0.020 min
Response: 5968713
Conc: 0.25 ng/ml



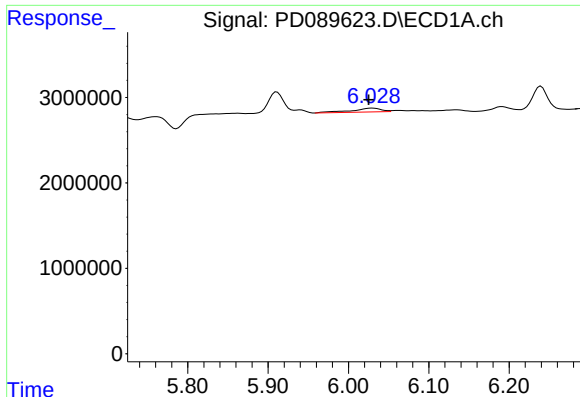
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: -0.004 min
Response: 321962
Conc: 0.07 ng/ml



#10 gamma-Chlordane

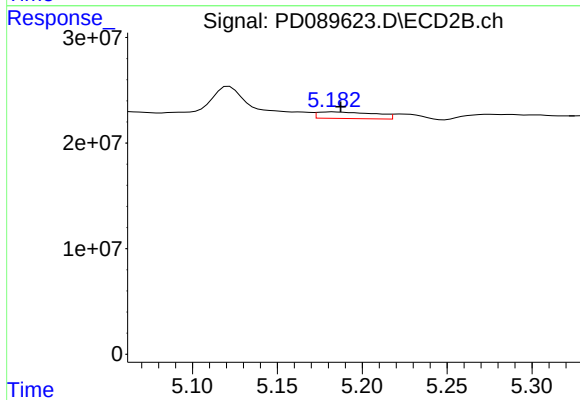
R.T.: 5.122 min
Delta R.T.: -0.001 min
Response: 56403792
Conc: 2.11 ng/ml



#11 alpha-Chlordane

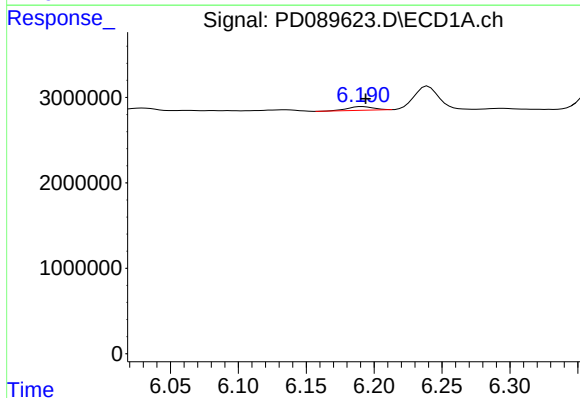
R.T.: 6.029 min
Delta R.T.: 0.004 min
Response: 1155694
Conc: 0.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



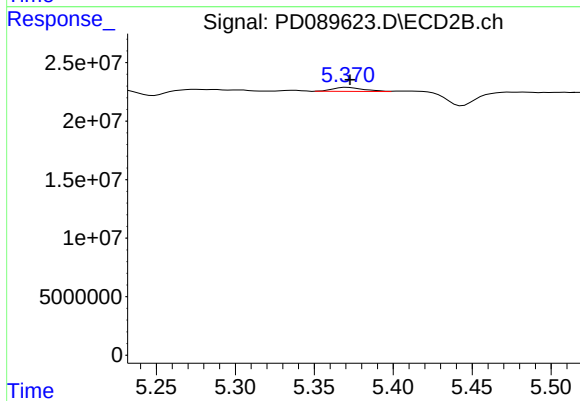
#11 alpha-Chlordane

R.T.: 5.183 min
Delta R.T.: -0.005 min
Response: 14764741
Conc: 0.57 ng/ml



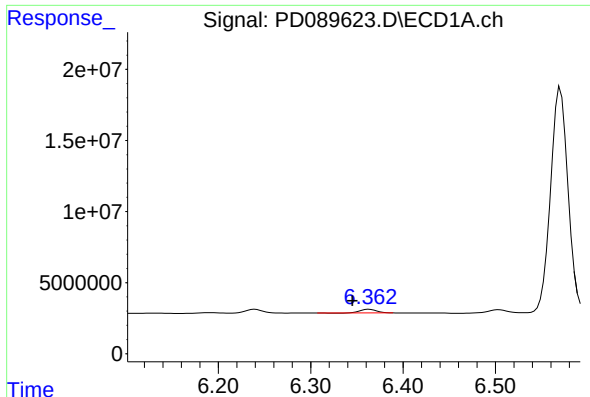
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.002 min
Response: 570853
Conc: 0.13 ng/ml



#12 4,4'-DDE

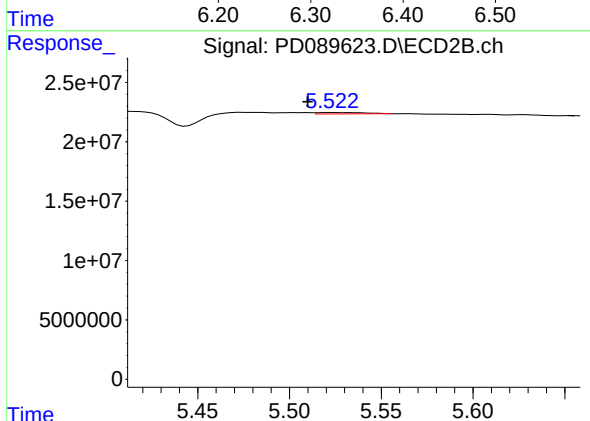
R.T.: 5.371 min
Delta R.T.: -0.002 min
Response: 4760195
Conc: 0.18 ng/ml



#13 Dieldrin

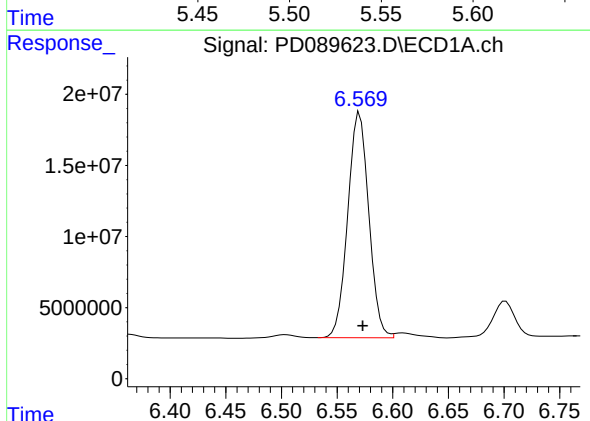
R.T.: 6.363 min
Delta R.T.: 0.018 min
Response: 3226669
Conc: 0.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



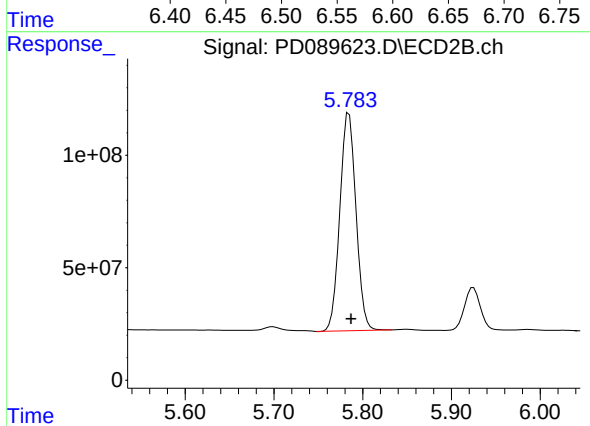
#13 Dieldrin

R.T.: 5.524 min
Delta R.T.: 0.014 min
Response: 2205448
Conc: 0.08 ng/ml



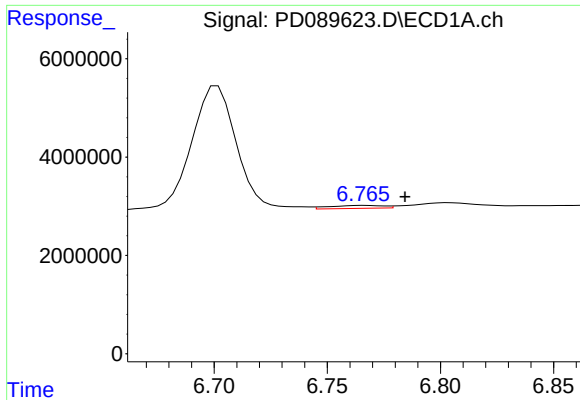
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.003 min
Response: 208814037
Conc: 51.27 ng/ml



#14 Endrin

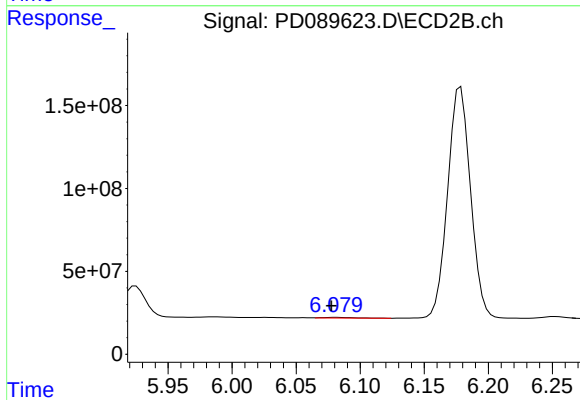
R.T.: 5.785 min
Delta R.T.: -0.002 min
Response: 1224966244
Conc: 50.66 ng/ml



#15 Endosulfan II

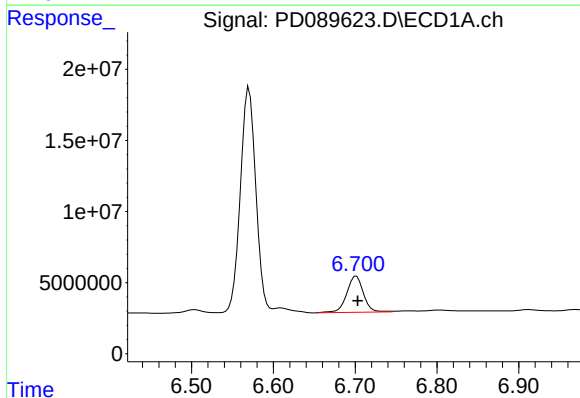
R.T.: 6.766 min
Delta R.T.: -0.018 min
Response: 993246
Conc: 0.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



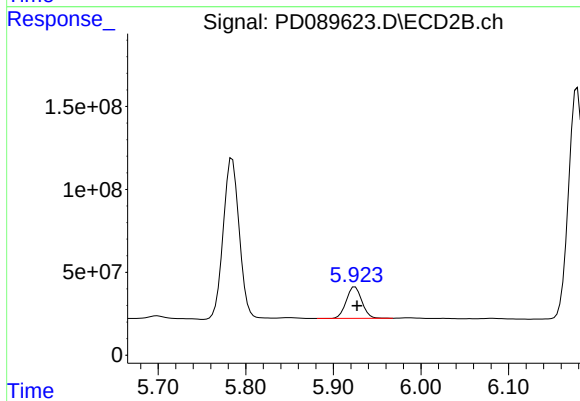
#15 Endosulfan II

R.T.: 6.081 min
Delta R.T.: 0.003 min
Response: 5806205
Conc: 0.25 ng/ml



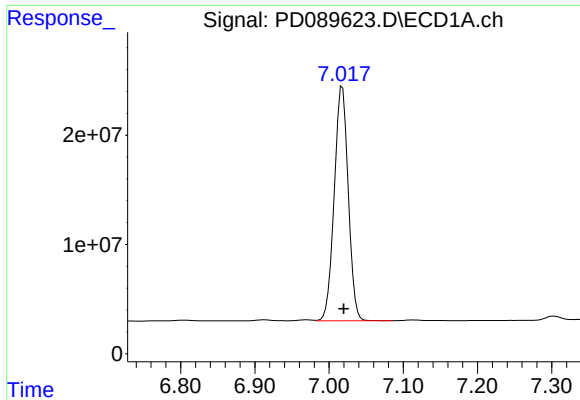
#16 4,4'-DDD

R.T.: 6.701 min
Delta R.T.: -0.002 min
Response: 36065097
Conc: 10.64 ng/ml



#16 4,4'-DDD

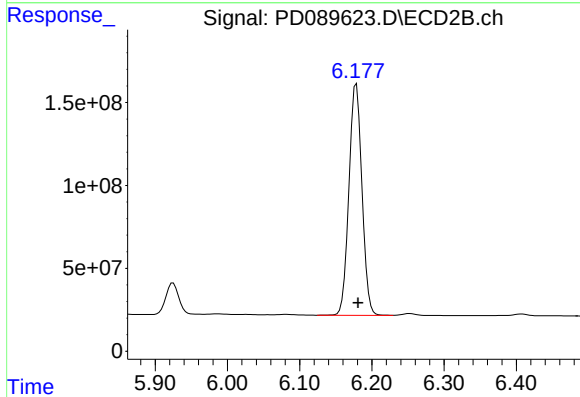
R.T.: 5.925 min
Delta R.T.: -0.002 min
Response: 234355855
Conc: 10.69 ng/ml



#17 4,4'-DDT

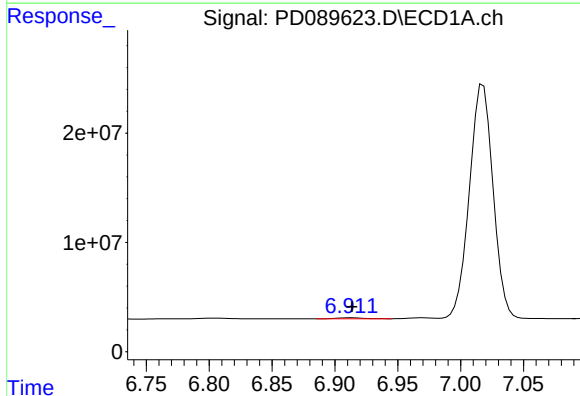
R.T.: 7.018 min
Delta R.T.: -0.002 min
Response: 281561712
Conc: 74.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



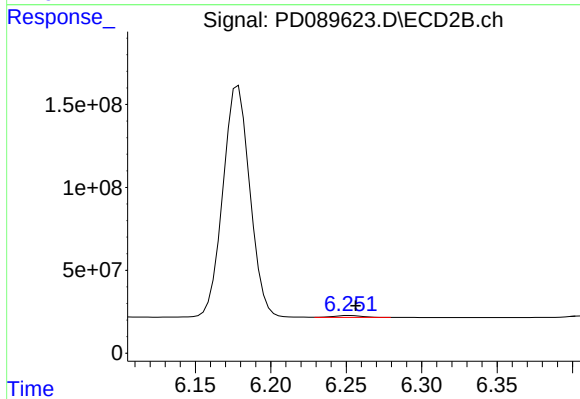
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: -0.002 min
Response: 1738335469
Conc: 74.27 ng/ml



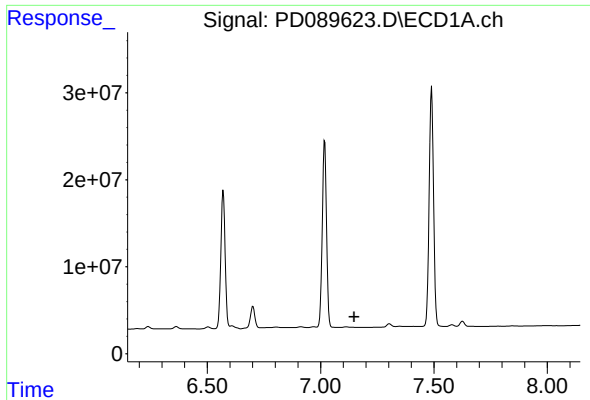
#18 Endrin aldehyde

R.T.: 6.912 min
Delta R.T.: -0.001 min
Response: 1254952
Conc: 0.43 ng/ml



#18 Endrin aldehyde

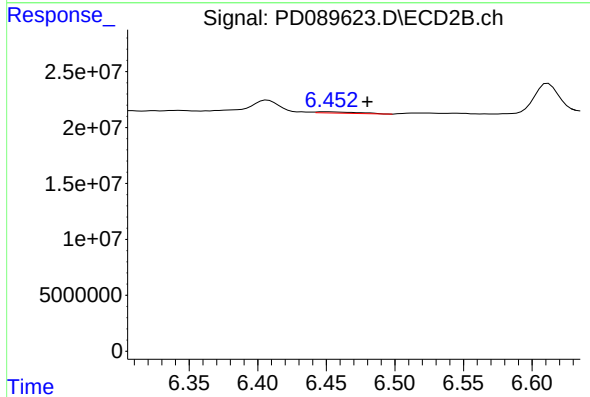
R.T.: 6.253 min
Delta R.T.: -0.004 min
Response: 15296615
Conc: 0.92 ng/ml



#19 Endosulfan Sulfate

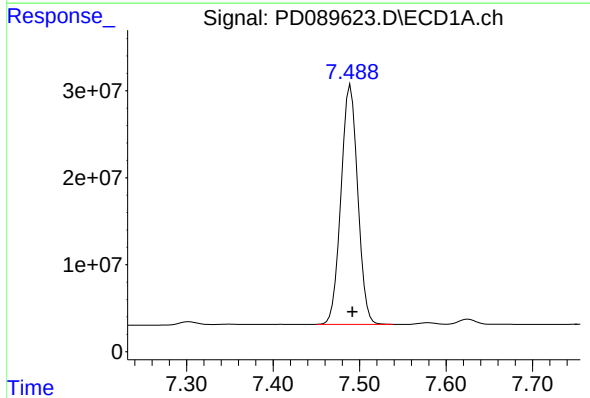
R.T.: 0.000 min
Exp R.T.: 7.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



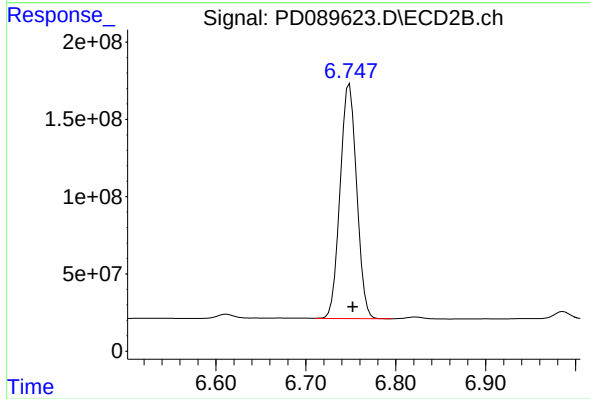
#19 Endosulfan Sulfate

R.T.: 6.451 min
Delta R.T.: -0.029 min
Response: 2370852
Conc: 0.11 ng/ml



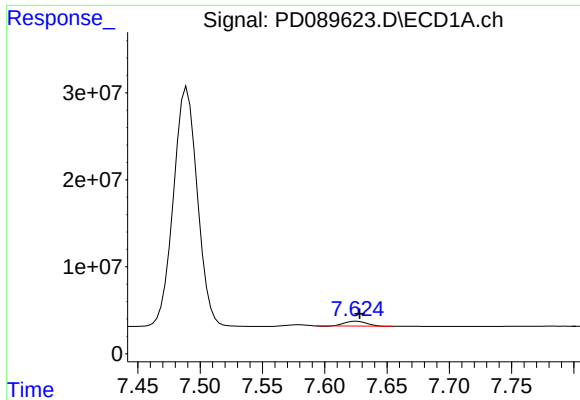
#20 Methoxychlor

R.T.: 7.490 min
Delta R.T.: -0.002 min
Response: 367699866
Conc: 183.40 ng/ml



#20 Methoxychlor

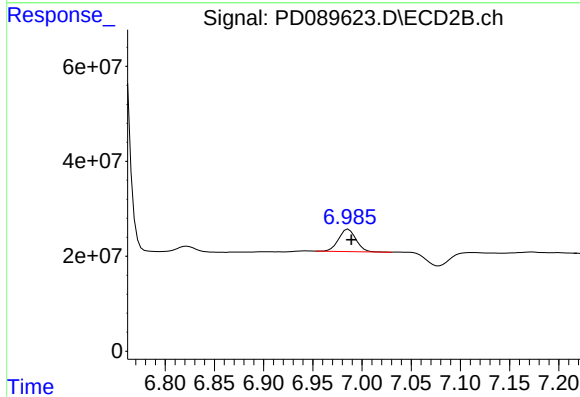
R.T.: 6.749 min
Delta R.T.: -0.003 min
Response: 1944266640
Conc: 159.47 ng/ml



#21 Endrin ketone

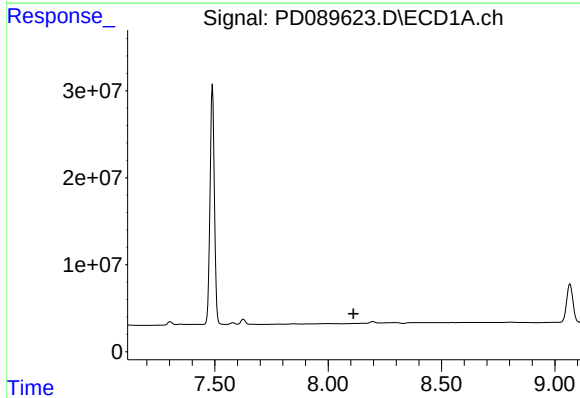
R.T.: 7.626 min
Delta R.T.: -0.002 min
Response: 6967007
Conc: 1.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



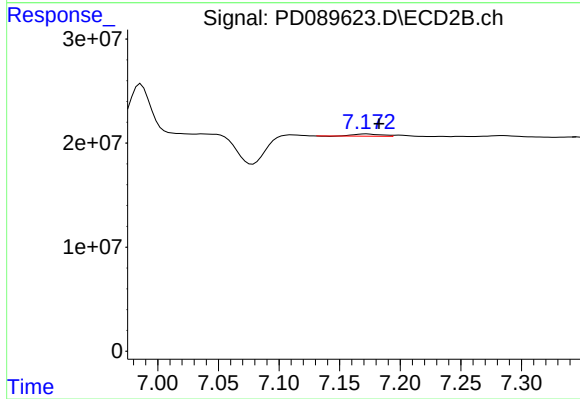
#21 Endrin ketone

R.T.: 6.986 min
Delta R.T.: -0.003 min
Response: 58077128
Conc: 2.37 ng/ml



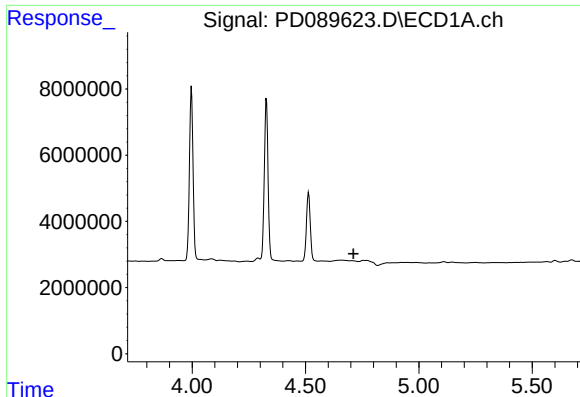
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.112 min
Response: 0
Conc: N.D.



#22 Mirex

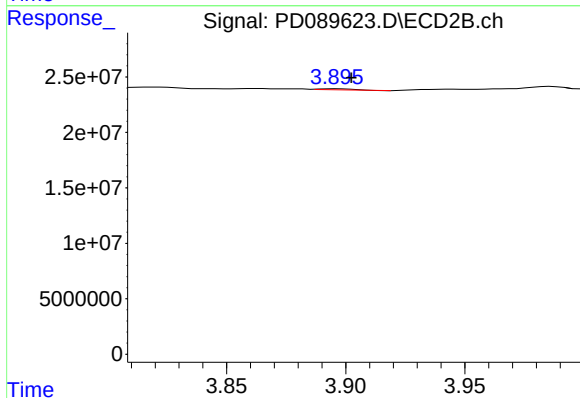
R.T.: 7.173 min
Delta R.T.: -0.010 min
Response: 3424873
Conc: 0.18 ng/ml



#23 Chlordane-1

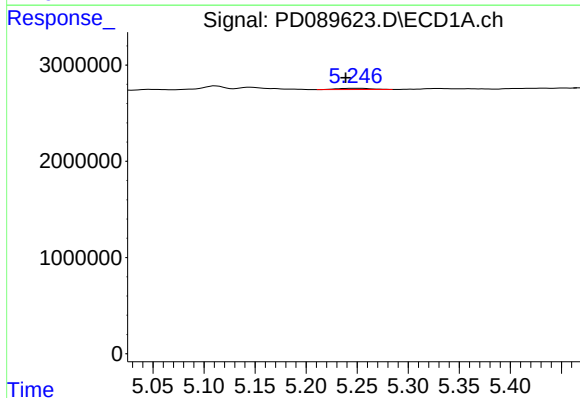
R.T.: 0.000 min
Exp R.T.: 4.712 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



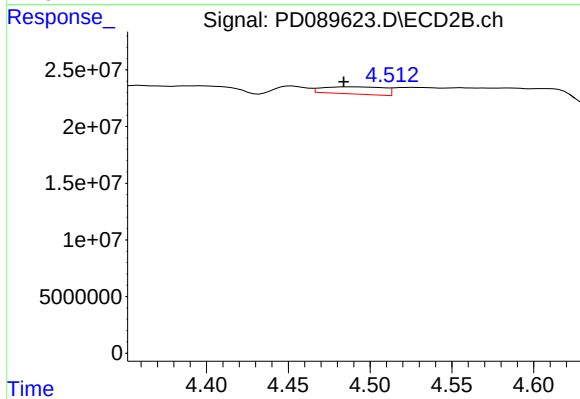
#23 Chlordane-1

R.T.: 3.896 min
Delta R.T.: -0.006 min
Response: 935045
Conc: 1.01 ng/ml



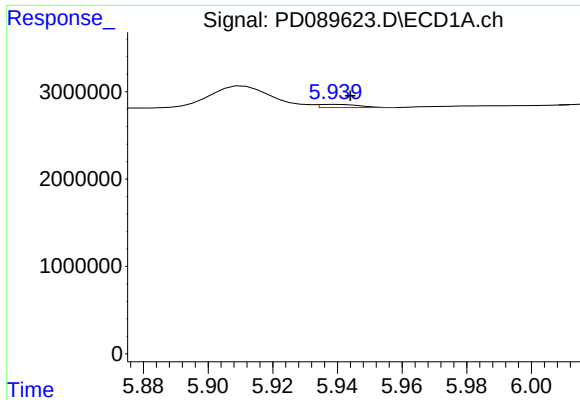
#24 Chlordane-2

R.T.: 5.247 min
Delta R.T.: 0.009 min
Response: 303150
Conc: 1.51 ng/ml



#24 Chlordane-2

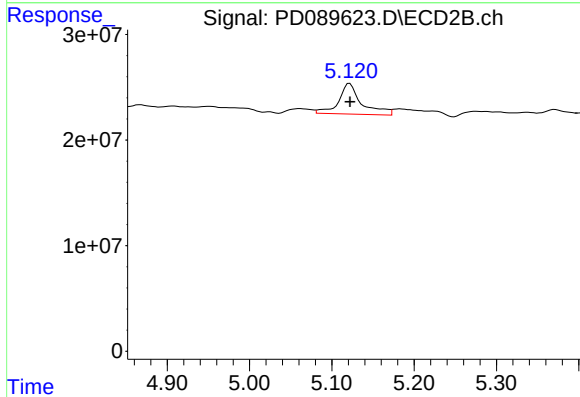
R.T.: 4.490 min
Delta R.T.: 0.006 min
Response: 16491647
Conc: 16.82 ng/ml



#25 Chlordane-3

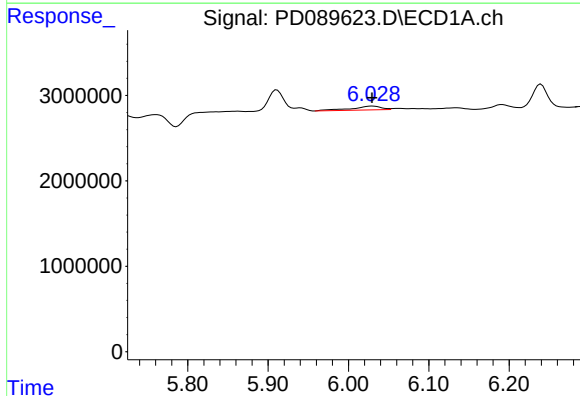
R.T.: 5.940 min
Delta R.T.: -0.004 min
Response: 321962
Conc: 0.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



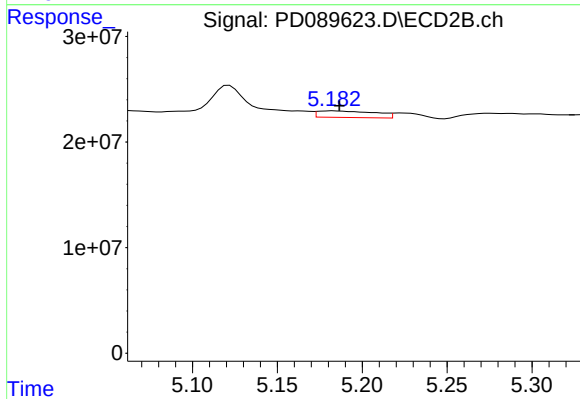
#25 Chlordane-3

R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 56403792
Conc: 19.54 ng/ml



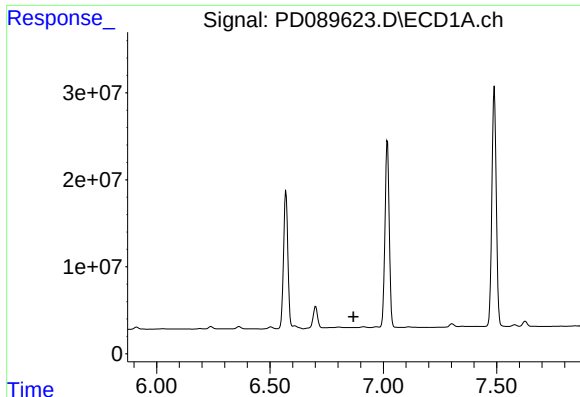
#26 Chlordane-4

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 1155694
Conc: 1.22 ng/ml



#26 Chlordane-4

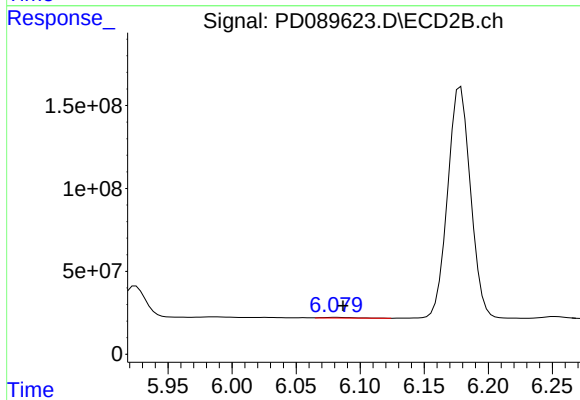
R.T.: 5.183 min
Delta R.T.: -0.004 min
Response: 14764741
Conc: 6.12 ng/ml



#27 Chlordane-5

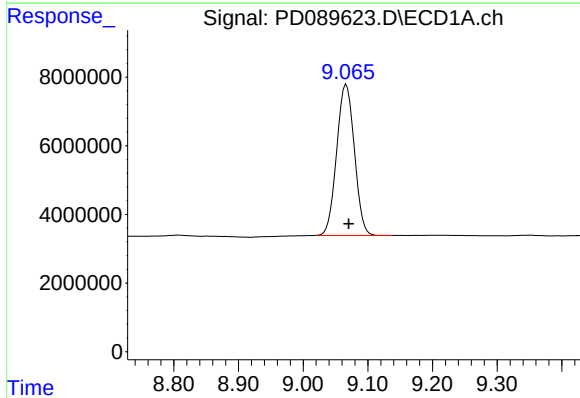
R.T.: 0.000 min
Exp R.T.: 6.869 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



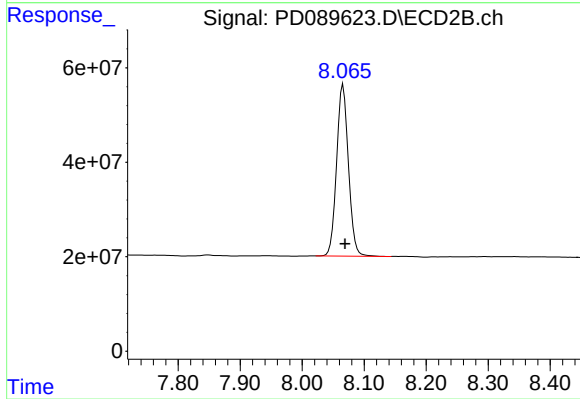
#27 Chlordane-5

R.T.: 6.081 min
Delta R.T.: -0.006 min
Response: 5806205
Conc: 4.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.067 min
Delta R.T.: -0.004 min
Response: 83798741
Conc: 20.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.066 min
Delta R.T.: -0.003 min
Response: 483778264
Conc: 19.69 ng/ml