

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
 Data File : PD090669.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2025 20:04
 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: Oct 21 02:29:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 17:43:28 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...	3.544	2.874	70552955	668.8E6	22.655	22.461
28)	SA Decachlor...	9.065	8.061	112.0E6	732.0E6	23.948	24.167
Target Compounds							
2)	A alpha-BHC	3.993	3.386	69124953	561.1E6	9.631	10.980
3)	MA gamma-BHC...	4.324	3.723	67550443	525.3E6	9.936	11.117
4)	MA Heptachlor	0.000	4.074	0	1103345	N.D.	0.025 #
5)	MB Aldrin	0.000	4.360	0	1826962	N.D.	0.039 #
6)	B beta-BHC	4.512	4.019	28133405	224.0E6	10.739	11.299
7)	B delta-BHC	4.771	4.261	1426052	773262	0.211	0.016 #
8)	B Heptachlo...	0.000	4.857	0	2839391	N.D.	0.067 #
9)	A Endosulfan I	0.000	5.224	0	2509601	N.D.	0.064 #
10)	B gamma-Chl...	0.000	5.116	0	2870405	N.D.	0.064 #
11)	B alpha-Chl...	5.997f	5.175	14134286	1636853	2.287	0.038 #
12)	B 4,4'-DDE	6.194	5.377	320756	4166587	0.060	0.095 #
13)	MA Dieldrin	6.368f	5.499	142574	354133	0.024	0.008 #
14)	MA Endrin	6.568	5.781	262.1E6	2149.8E6	52.912	53.089
15)	B Endosulfa...	6.800f	6.083	5710480	3442834	1.142	0.092 #
16)	A 4,4'-DDD	6.704	5.928	3856201	30678333	0.951	0.842
17)	MA 4,4'-DDT	7.016	6.175	427.1E6	3754.0E6	103.901	107.034
18)	B Endrin al...	6.911	6.248	2708942	20792420	0.740	0.751
19)	B Endosulfa...	0.000	6.490f	0	313368	N.D.	0.009 #
20)	A Methoxychlor	7.489	6.746	515.5E6	3886.8E6	242.543	223.020
21)	B Endrin ke...	7.625	6.983	3150739	30155925	0.648	0.800
22)	Mirex	0.000	7.169	0	9401085	N.D.	0.366 #
23)	Chlordane-1	0.000	3.894	0	887278	N.D.	0.712 #
24)	Chlordane-2	0.000	4.480	0	2773103	N.D.	2.126 #
25)	Chlordane-3	0.000	5.116	0	2870405	N.D.	0.738 #
26)	Chlordane-4	5.997f	5.175	14134286	1636853	14.588	0.490 #
27)	Chlordane-5	6.868	6.083	2341273	3442834	15.582	2.332 #

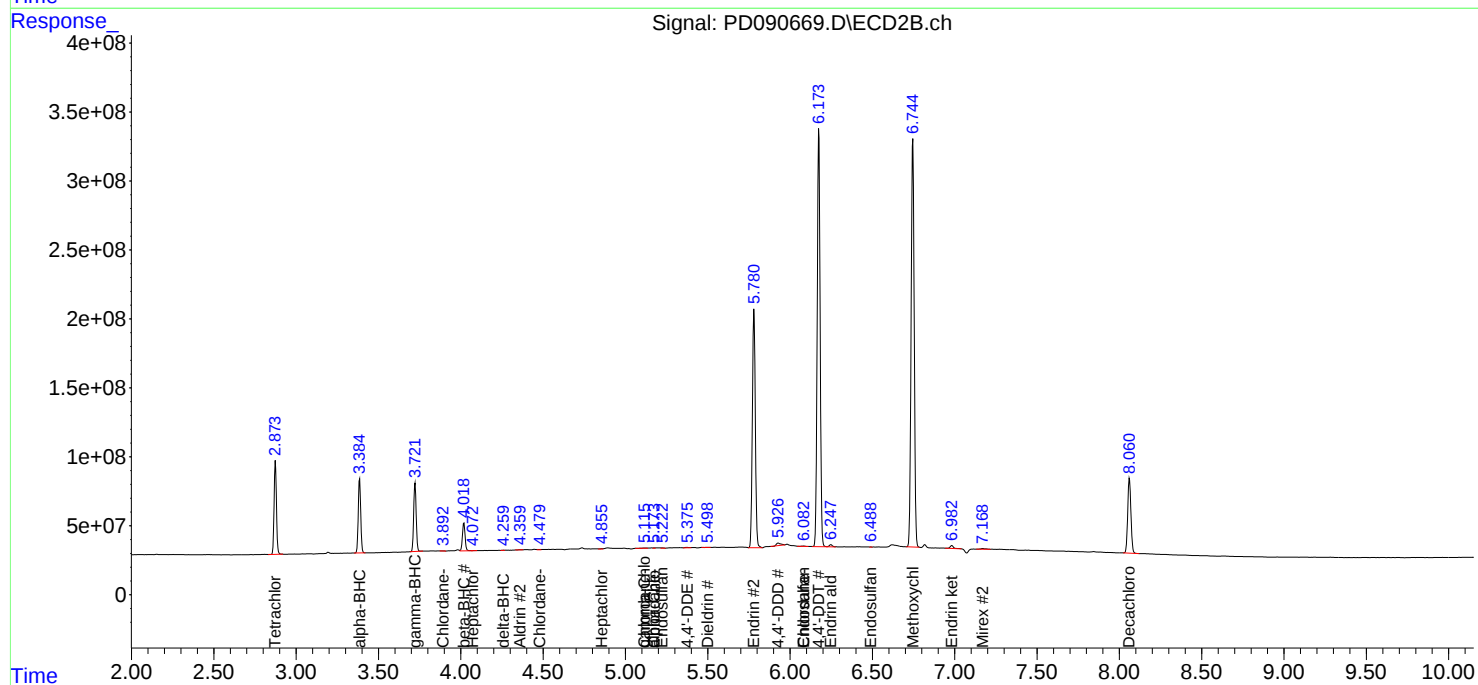
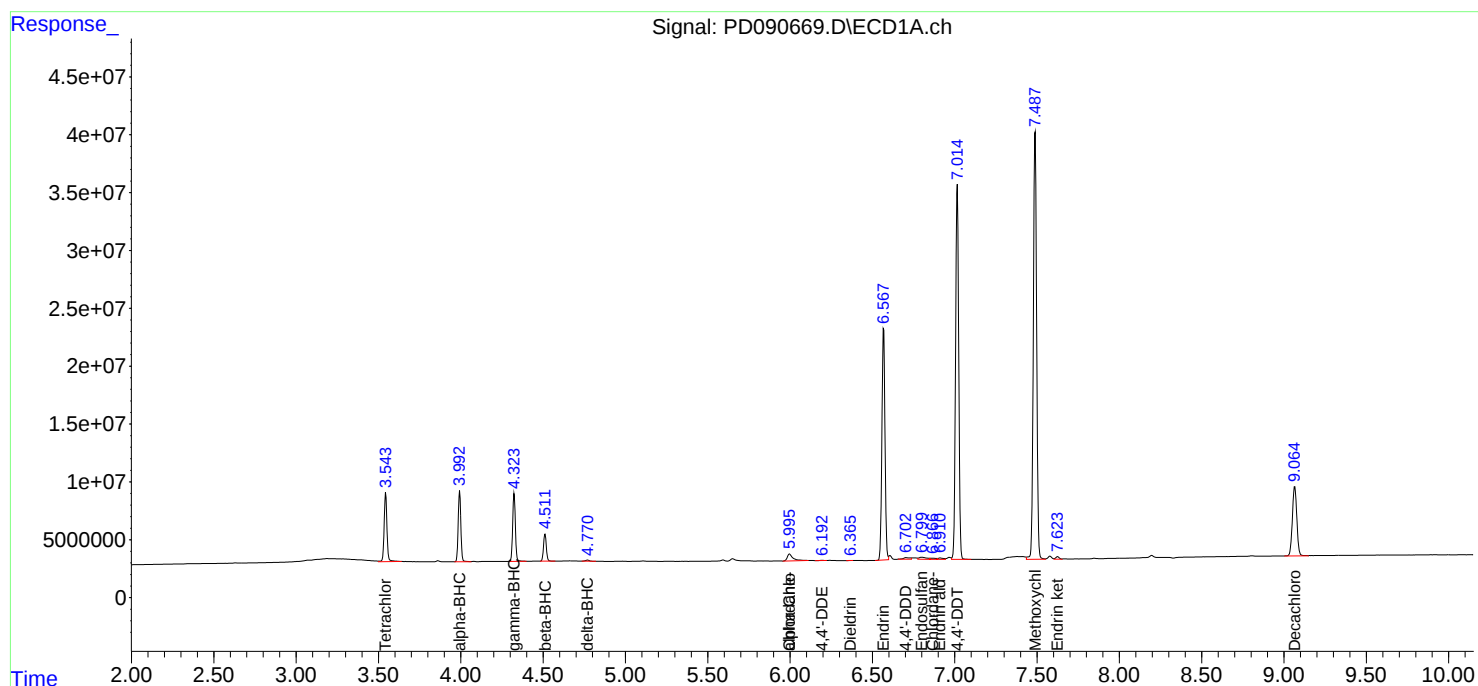
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

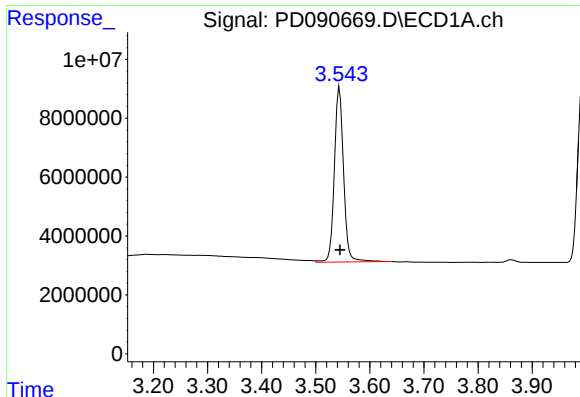
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD101725\
Data File : PD090669.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Oct 2025 20:04
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 02:29:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD101725.M
Quant Title : GC Extractables
QLast Update : Fri Oct 17 17:43:28 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

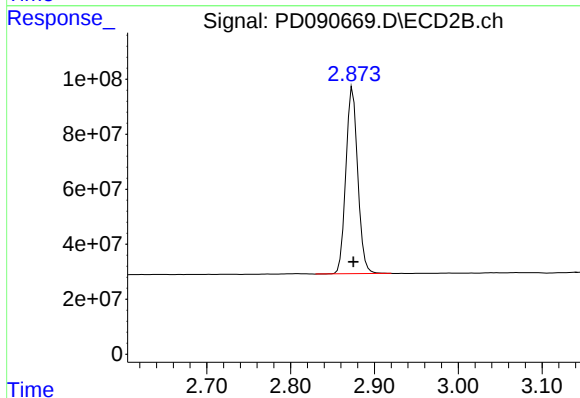




#1 Tetrachloro-m-xylene

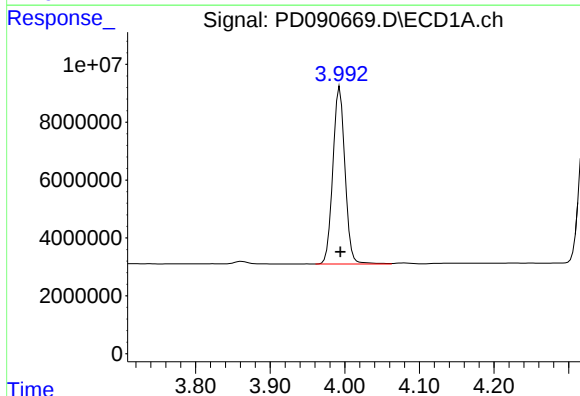
R.T.: 3.544 min
Delta R.T.: -0.001 min
Response: 70552955
Conc: 22.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



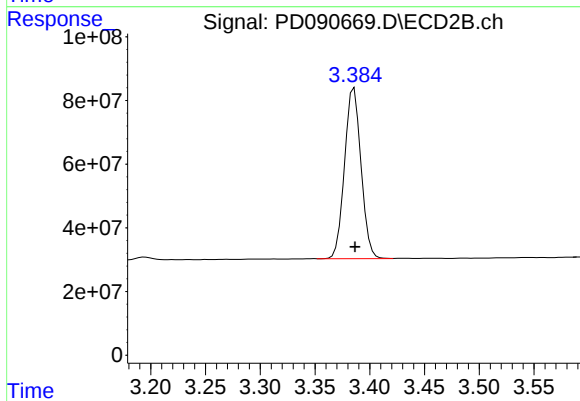
#1 Tetrachloro-m-xylene

R.T.: 2.874 min
Delta R.T.: 0.000 min
Response: 668820442
Conc: 22.46 ng/ml



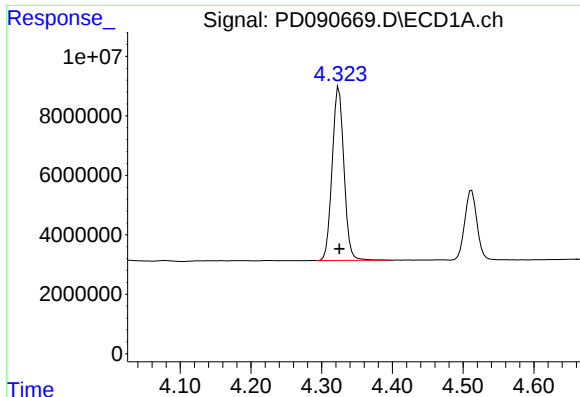
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 69124953
Conc: 9.63 ng/ml



#2 alpha-BHC

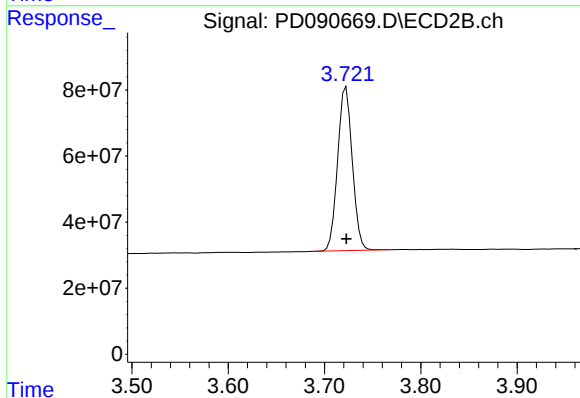
R.T.: 3.386 min
Delta R.T.: 0.000 min
Response: 561054467
Conc: 10.98 ng/ml



#3 gamma-BHC (Lindane)

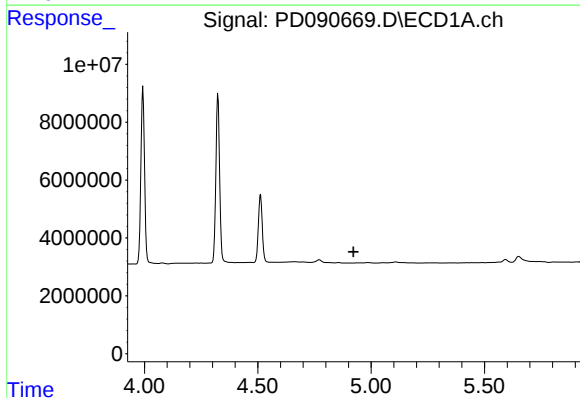
R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 67550443
Conc: 9.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



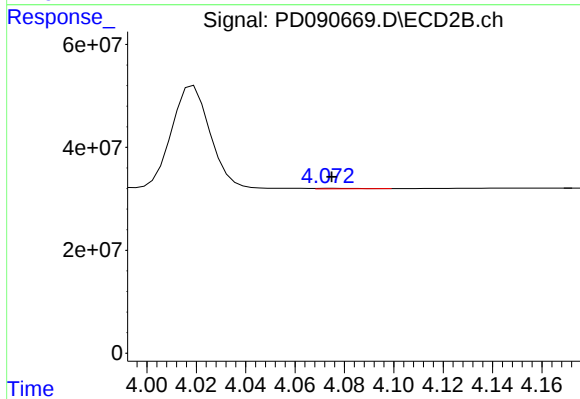
#3 gamma-BHC (Lindane)

R.T.: 3.723 min
Delta R.T.: 0.000 min
Response: 525287565
Conc: 11.12 ng/ml



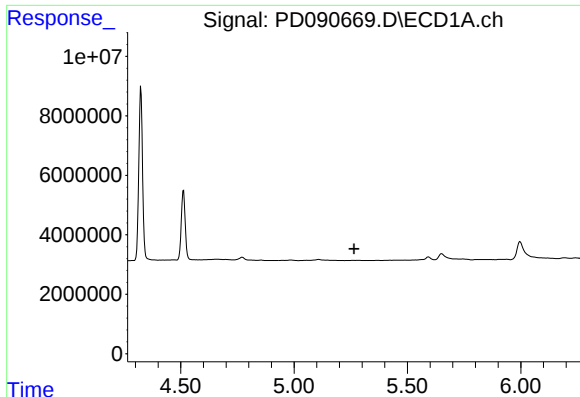
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.923 min
Response: 0
Conc: N.D.



#4 Heptachlor

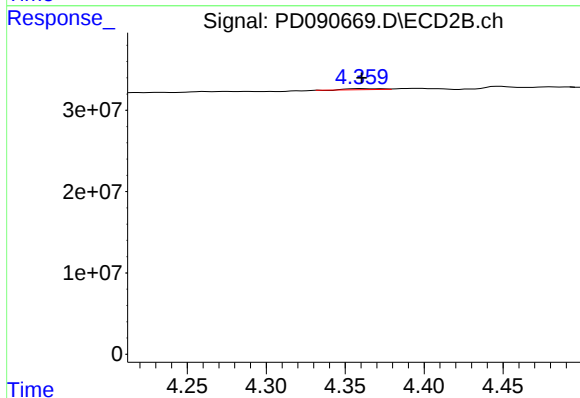
R.T.: 4.074 min
Delta R.T.: 0.000 min
Response: 1103345
Conc: 0.02 ng/ml



#5 Aldrin

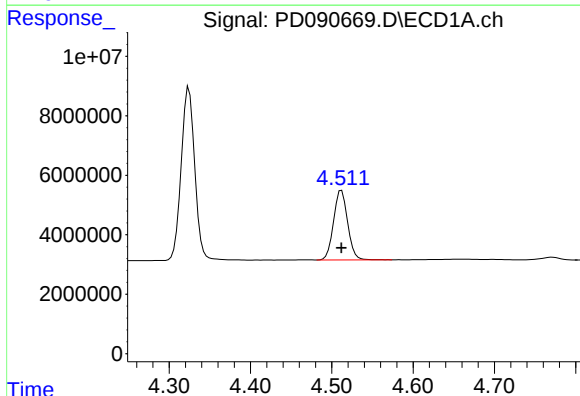
R.T.: 0.000 min
Exp R.T.: 5.264 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



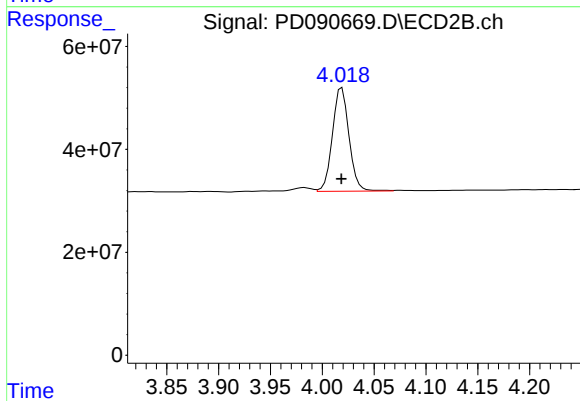
#5 Aldrin

R.T.: 4.360 min
Delta R.T.: 0.000 min
Response: 1826962
Conc: 0.04 ng/ml



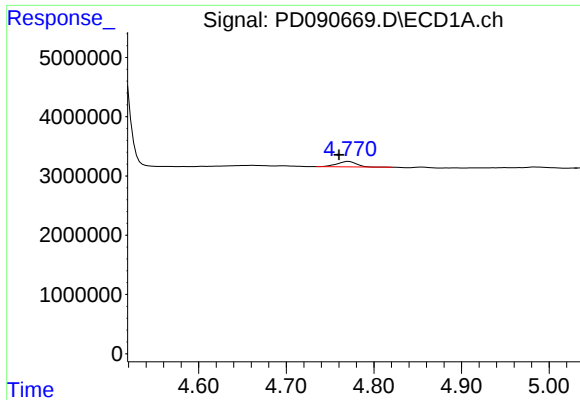
#6 beta-BHC

R.T.: 4.512 min
Delta R.T.: 0.000 min
Response: 28133405
Conc: 10.74 ng/ml



#6 beta-BHC

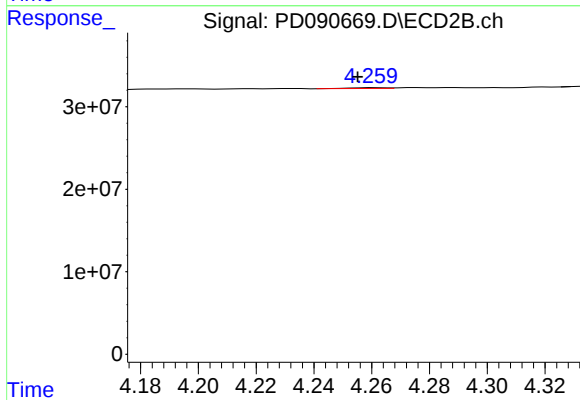
R.T.: 4.019 min
Delta R.T.: 0.000 min
Response: 224046983
Conc: 11.30 ng/ml



#7 delta-BHC

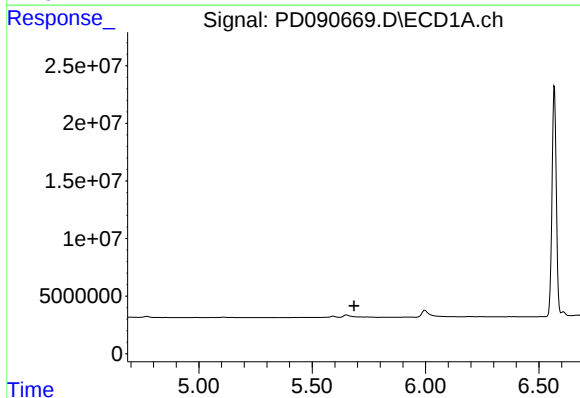
R.T.: 4.771 min
Delta R.T.: 0.011 min
Response: 1426052
Conc: 0.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



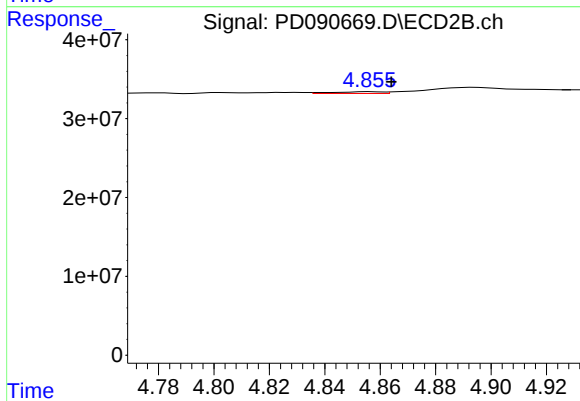
#7 delta-BHC

R.T.: 4.261 min
Delta R.T.: 0.006 min
Response: 773262
Conc: 0.02 ng/ml



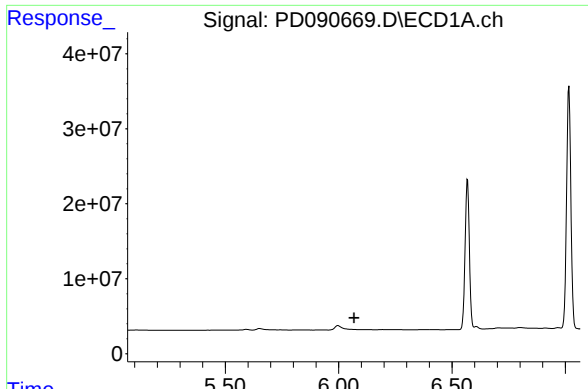
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.684 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

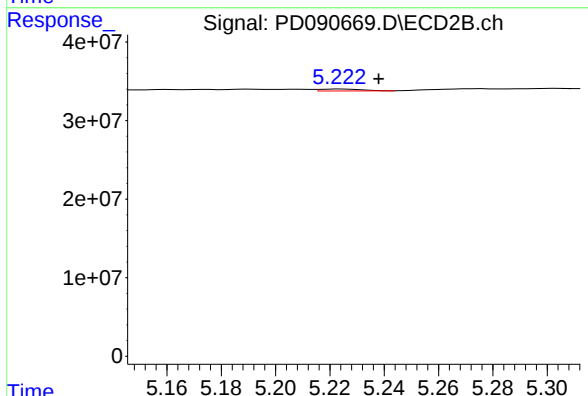
R.T.: 4.857 min
Delta R.T.: -0.007 min
Response: 2839391
Conc: 0.07 ng/ml



#9 Endosulfan I

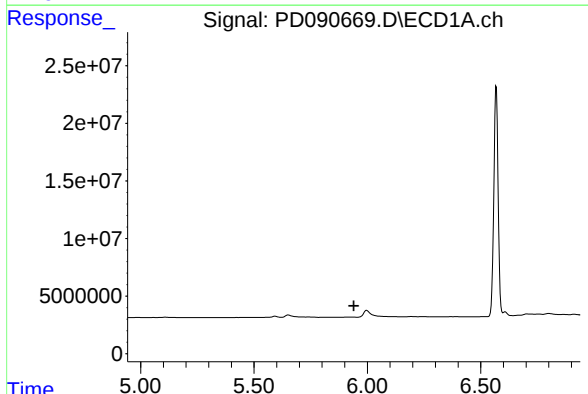
R.T.: 0.000 min
Exp R.T.: 6.068 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



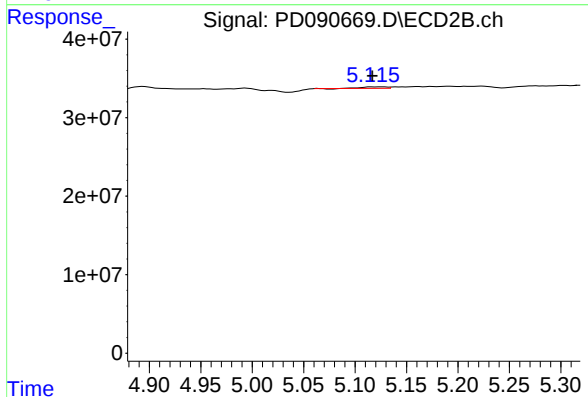
#9 Endosulfan I

R.T.: 5.224 min
Delta R.T.: -0.014 min
Response: 2509601
Conc: 0.06 ng/ml



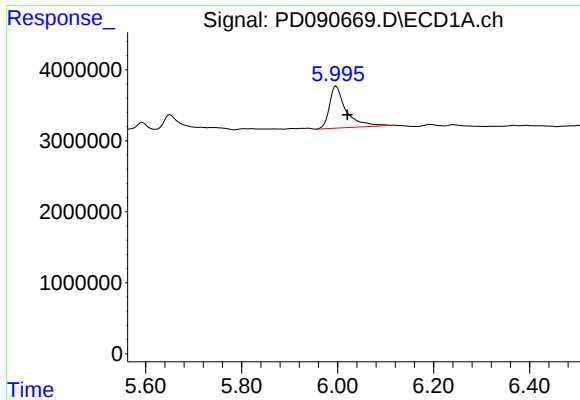
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T.: 5.940 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

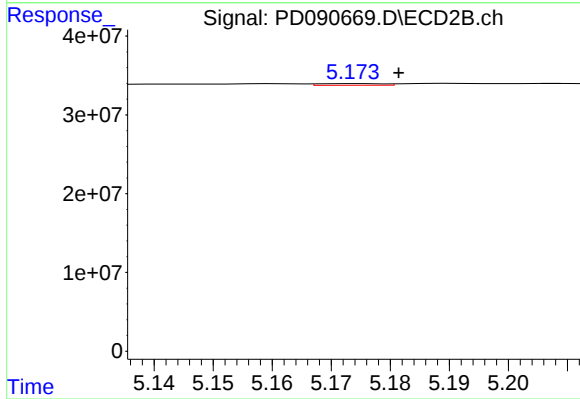
R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 2870405
Conc: 0.06 ng/ml



#11 alpha-Chlordane

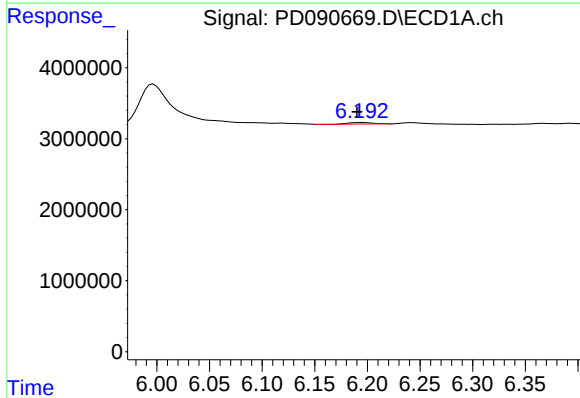
R.T.: 5.997 min
Delta R.T.: -0.024 min
Response: 14134286
Conc: 2.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



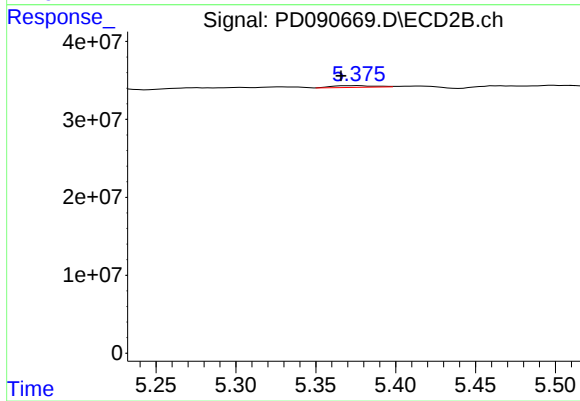
#11 alpha-Chlordane

R.T.: 5.175 min
Delta R.T.: -0.007 min
Response: 1636853
Conc: 0.04 ng/ml



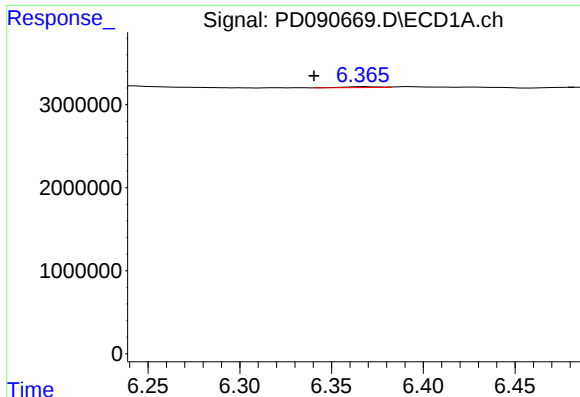
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: 0.003 min
Response: 320756
Conc: 0.06 ng/ml



#12 4,4'-DDE

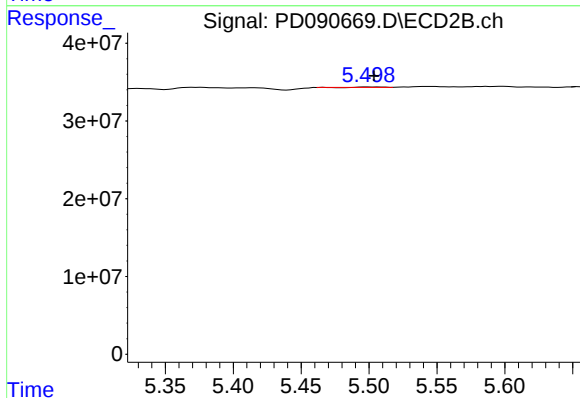
R.T.: 5.377 min
Delta R.T.: 0.011 min
Response: 4166587
Conc: 0.10 ng/ml



#13 Dieldrin

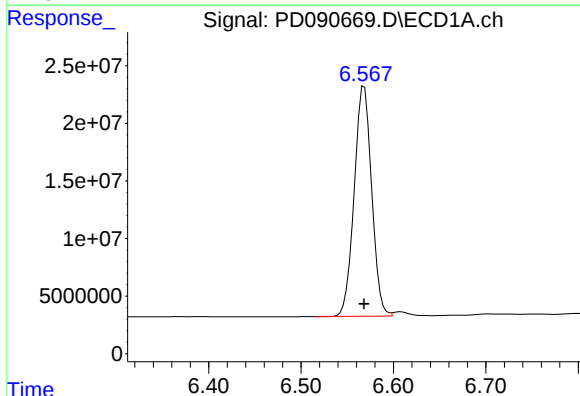
R.T.: 6.368 min
Delta R.T.: 0.027 min
Response: 142574
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



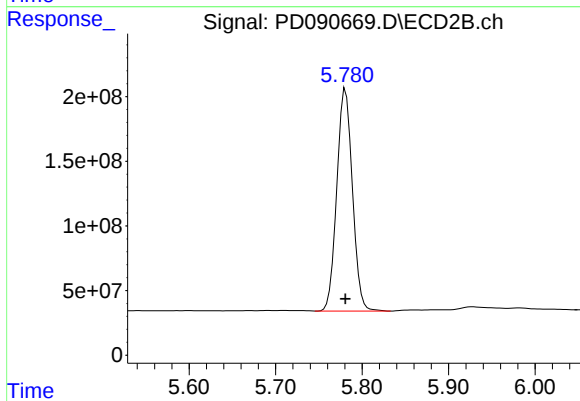
#13 Dieldrin

R.T.: 5.499 min
Delta R.T.: -0.005 min
Response: 354133
Conc: 0.01 ng/ml



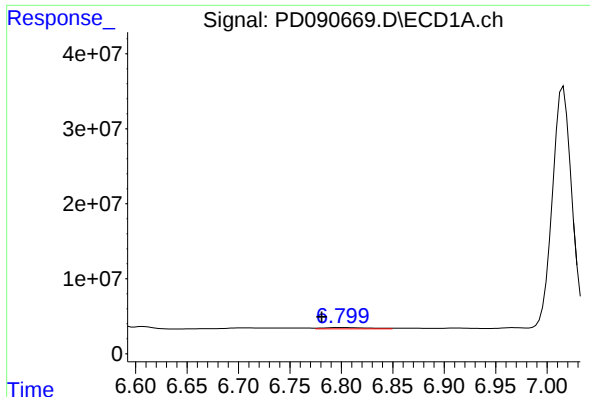
#14 Endrin

R.T.: 6.568 min
Delta R.T.: 0.000 min
Response: 262109894
Conc: 52.91 ng/ml



#14 Endrin

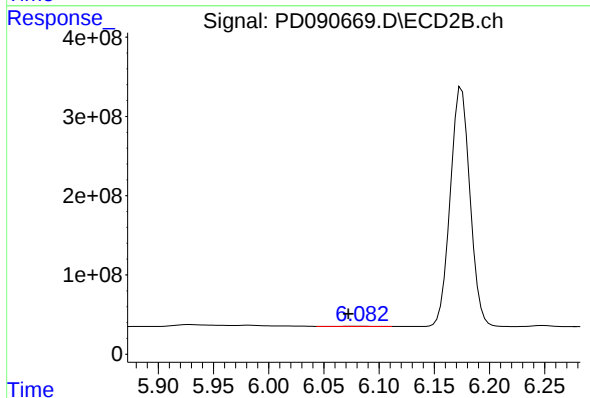
R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 2149779887
Conc: 53.09 ng/ml



#15 Endosulfan II

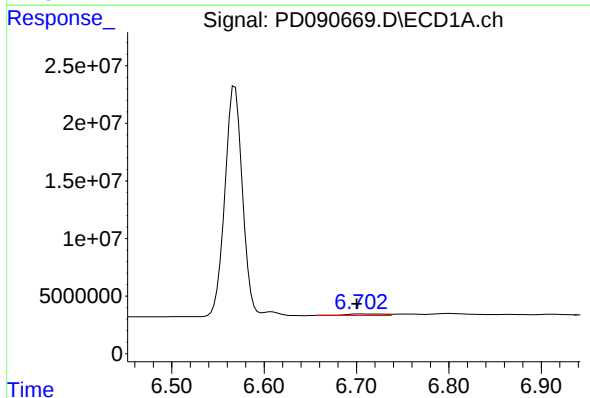
R.T.: 6.800 min
Delta R.T.: 0.019 min
Response: 5710480
Conc: 1.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



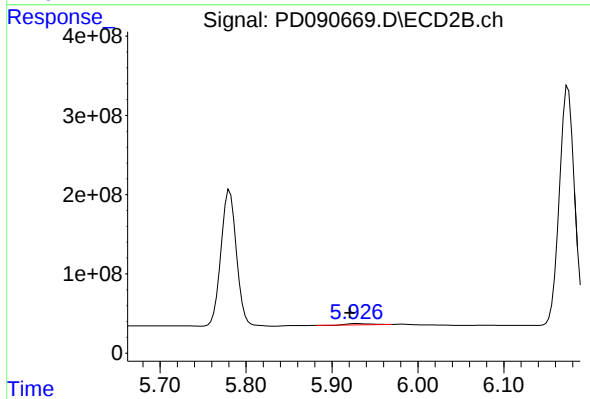
#15 Endosulfan II

R.T.: 6.083 min
Delta R.T.: 0.011 min
Response: 3442834
Conc: 0.09 ng/ml



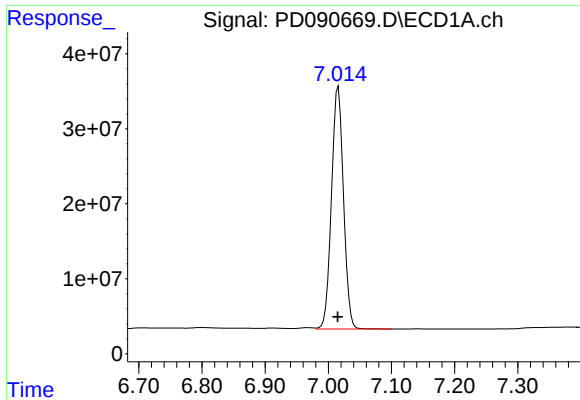
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.004 min
Response: 3856201
Conc: 0.95 ng/ml



#16 4,4'-DDD

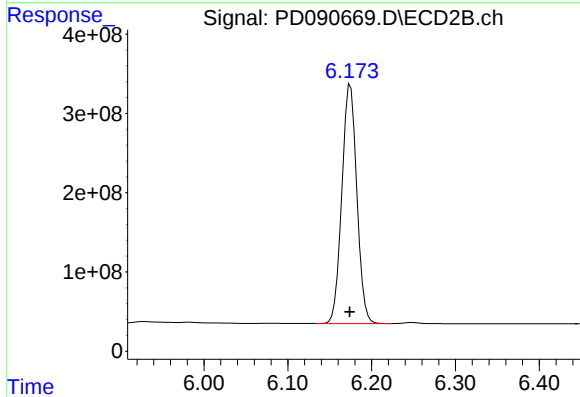
R.T.: 5.928 min
Delta R.T.: 0.007 min
Response: 30678333
Conc: 0.84 ng/ml



#17 4,4'-DDT

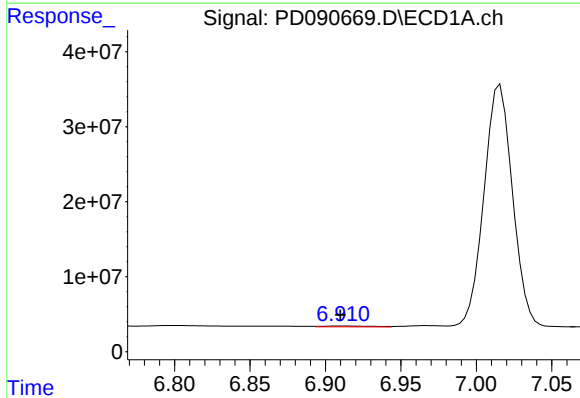
R.T.: 7.016 min
Delta R.T.: 0.000 min
Response: 427080097
Conc: 103.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



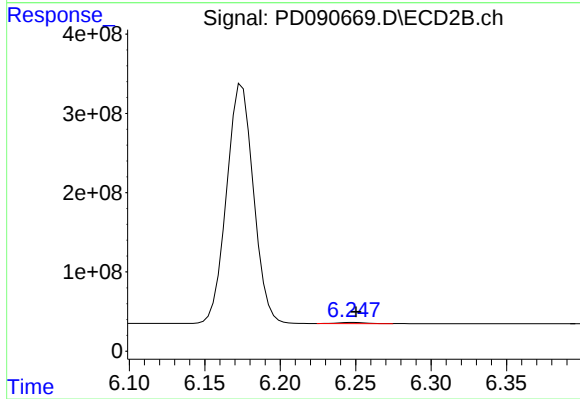
#17 4,4'-DDT

R.T.: 6.175 min
Delta R.T.: 0.000 min
Response: 3754007771
Conc: 107.03 ng/ml



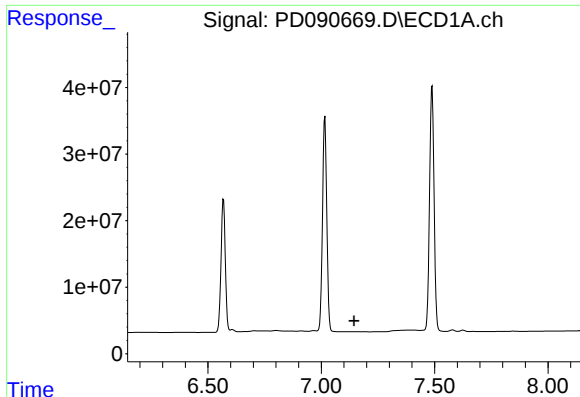
#18 Endrin aldehyde

R.T.: 6.911 min
Delta R.T.: 0.002 min
Response: 2708942
Conc: 0.74 ng/ml



#18 Endrin aldehyde

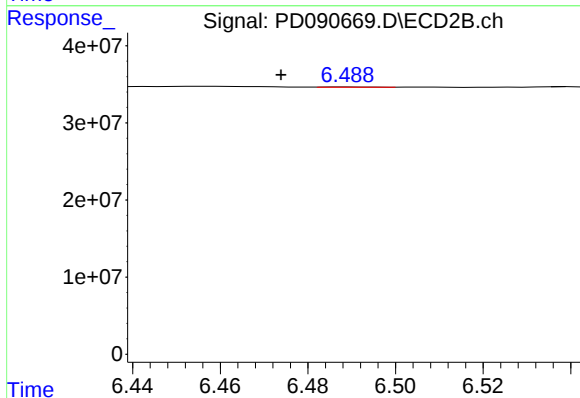
R.T.: 6.248 min
Delta R.T.: -0.002 min
Response: 20792420
Conc: 0.75 ng/ml



#19 Endosulfan Sulfate

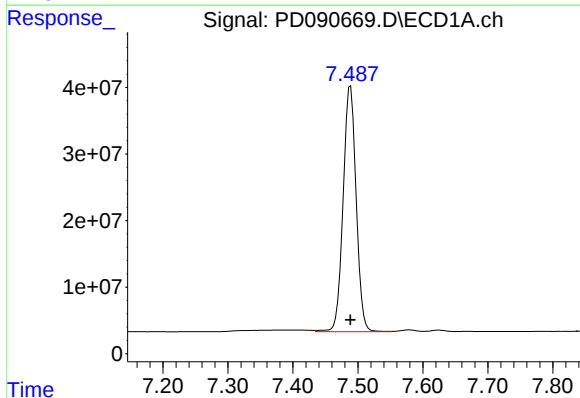
R.T.: 0.000 min
Exp R.T.: 7.145 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



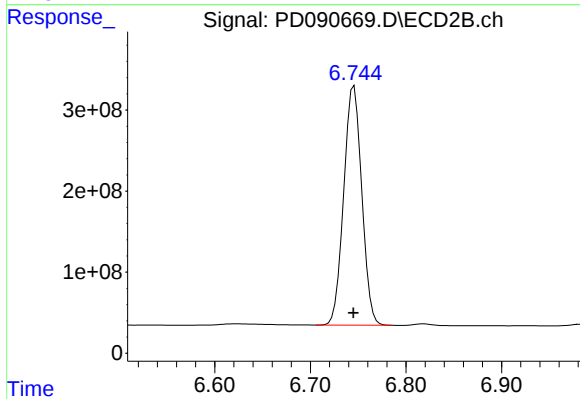
#19 Endosulfan Sulfate

R.T.: 6.490 min
Delta R.T.: 0.016 min
Response: 313368
Conc: 0.01 ng/ml



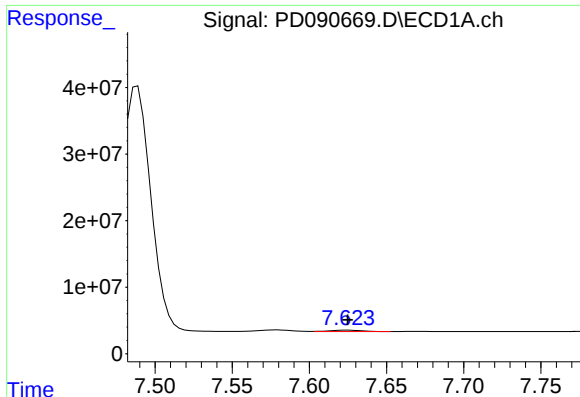
#20 Methoxychlor

R.T.: 7.489 min
Delta R.T.: 0.000 min
Response: 515545040
Conc: 242.54 ng/ml



#20 Methoxychlor

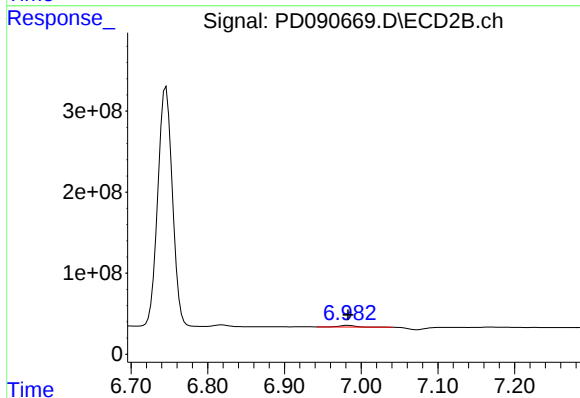
R.T.: 6.746 min
Delta R.T.: 0.000 min
Response: 3886751103
Conc: 223.02 ng/ml



#21 Endrin ketone

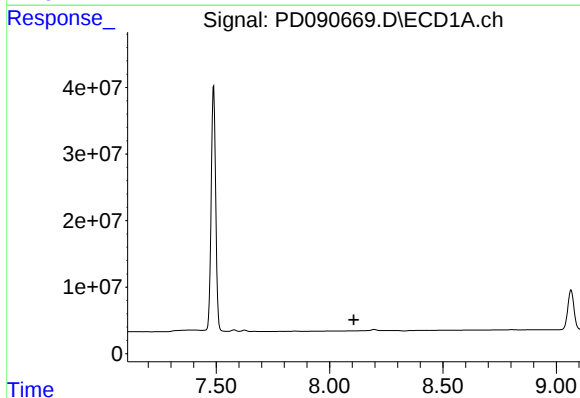
R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 3150739
Conc: 0.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



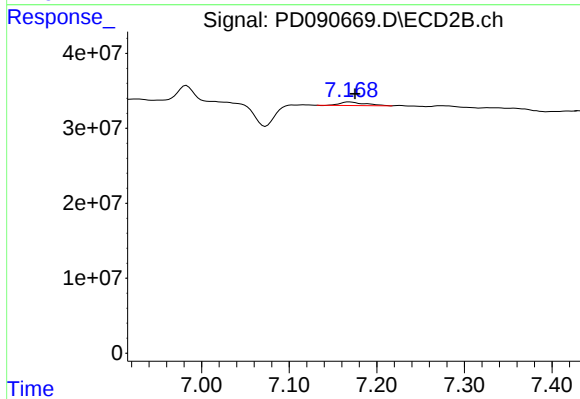
#21 Endrin ketone

R.T.: 6.983 min
Delta R.T.: 0.000 min
Response: 30155925
Conc: 0.80 ng/ml



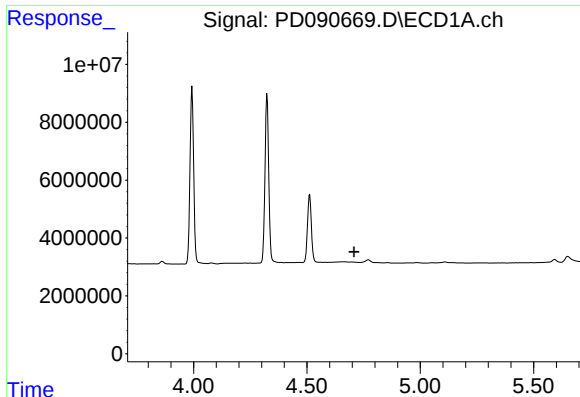
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.107 min
Response: 0
Conc: N.D.



#22 Mirex

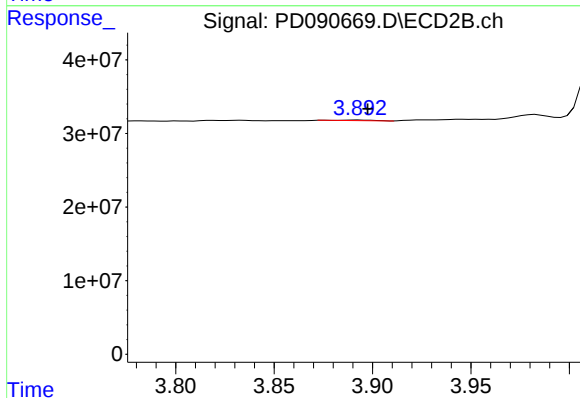
R.T.: 7.169 min
Delta R.T.: -0.006 min
Response: 9401085
Conc: 0.37 ng/ml



#23 Chlordane-1

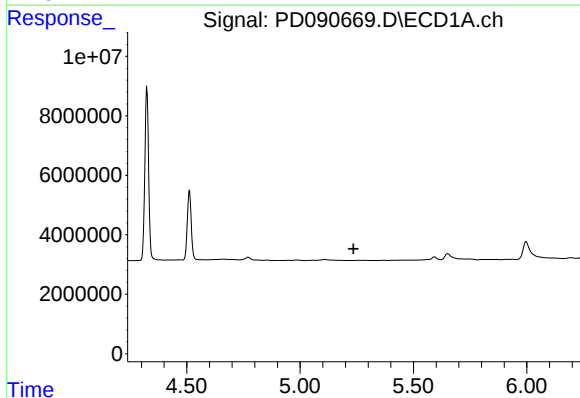
R.T.: 0.000 min
Exp R.T.: 4.709 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



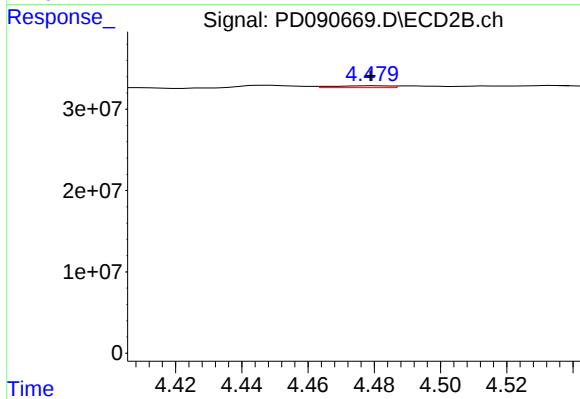
#23 Chlordane-1

R.T.: 3.894 min
Delta R.T.: -0.004 min
Response: 887278
Conc: 0.71 ng/ml



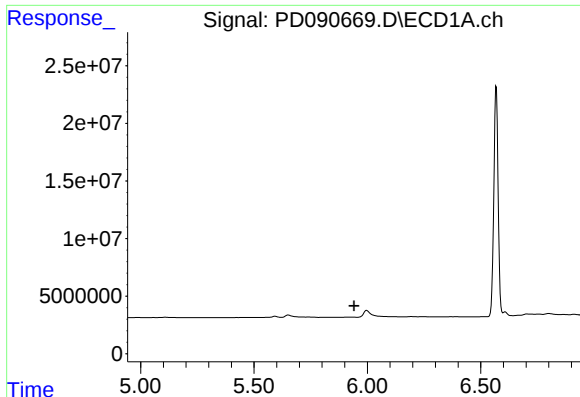
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.236 min
Response: 0
Conc: N.D.



#24 Chlordane-2

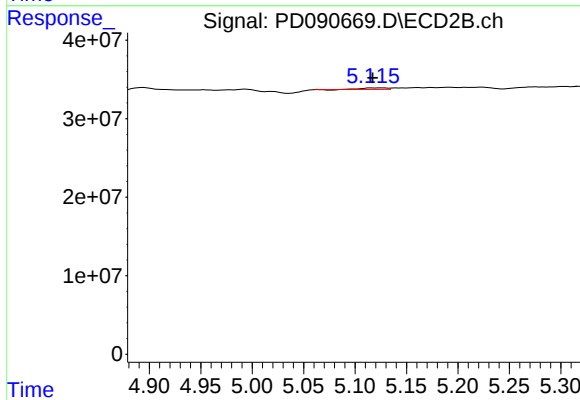
R.T.: 4.480 min
Delta R.T.: 0.001 min
Response: 2773103
Conc: 2.13 ng/ml



#25 Chlordane-3

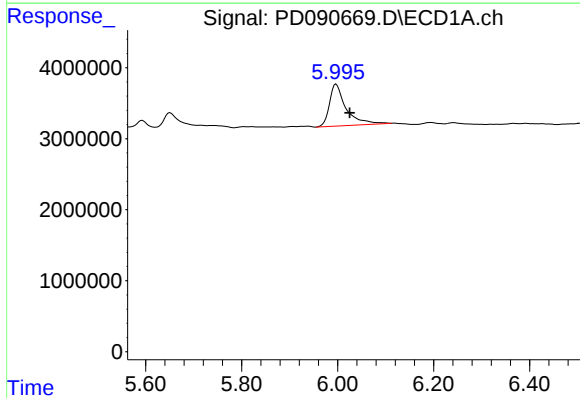
R.T.: 0.000 min
Exp R.T.: 5.941 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



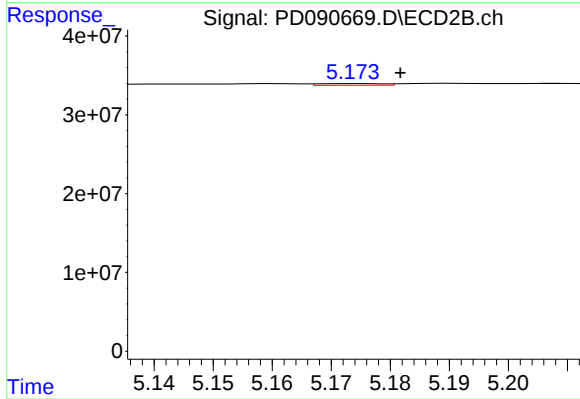
#25 Chlordane-3

R.T.: 5.116 min
Delta R.T.: 0.000 min
Response: 2870405
Conc: 0.74 ng/ml



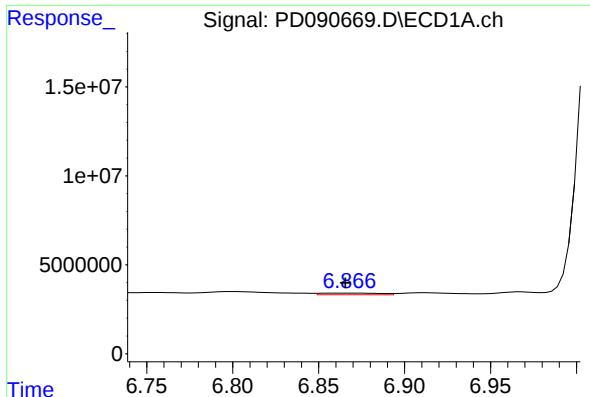
#26 Chlordane-4

R.T.: 5.997 min
Delta R.T.: -0.029 min
Response: 14134286
Conc: 14.59 ng/ml



#26 Chlordane-4

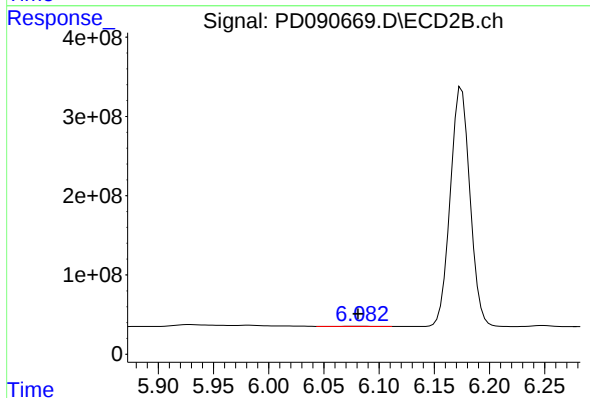
R.T.: 5.175 min
Delta R.T.: -0.007 min
Response: 1636853
Conc: 0.49 ng/ml



#27 Chlordane-5

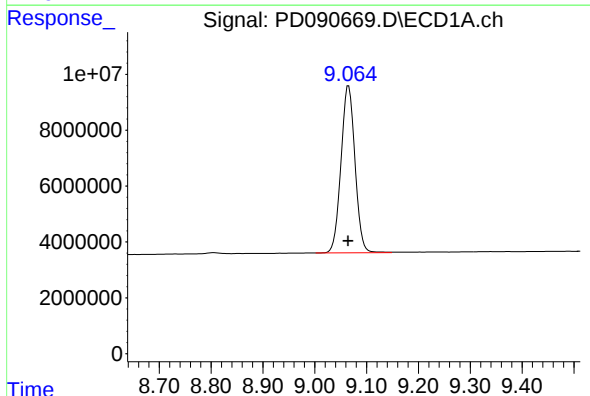
R.T.: 6.868 min
Delta R.T.: 0.002 min
Response: 2341273
Conc: 15.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



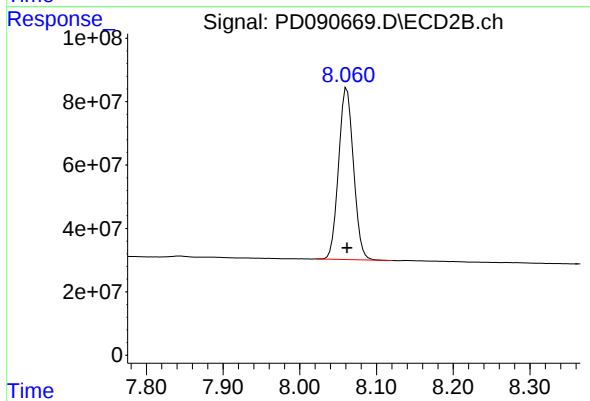
#27 Chlordane-5

R.T.: 6.083 min
Delta R.T.: 0.002 min
Response: 3442834
Conc: 2.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.001 min
Response: 112029810
Conc: 23.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.061 min
Delta R.T.: 0.000 min
Response: 732040565
Conc: 24.17 ng/ml