

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081925\  
 Data File : PD089984.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Aug 2025 10:03  
 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: Aug 20 07:12:21 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:16:54 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  | 2.877 | 56319153 | 443.7E6  | 19.190  | 20.120  |
| 28)                         | SA Decachlor... | 9.068  | 8.064 | 86173238 | 540.6E6  | 19.966  | 20.882  |
| Target Compounds            |                 |        |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.997  | 3.389 | 54803531 | 372.5E6  | 9.131   | 10.974  |
| 3)                          | MA gamma-BHC... | 4.328  | 3.725 | 54942357 | 339.5E6  | 9.594   | 10.891  |
| 4)                          | MA Heptachlor   | 4.926  | 4.074 | 218948   | 2791063  | 0.039   | 0.089 # |
| 5)                          | MB Aldrin       | 0.000  | 4.363 | 0        | 1122870  | N.D.    | 0.037 # |
| 6)                          | B beta-BHC      | 4.514  | 4.021 | 22844028 | 147.0E6  | 10.184  | 11.024  |
| 7)                          | B delta-BHC     | 4.771  | 4.257 | 1758379  | 563150   | 0.340   | 0.018 # |
| 8)                          | B Heptachlo...  | 5.680  | 4.871 | 2508703  | 4407803  | 0.511   | 0.159 # |
| 10)                         | B gamma-Chl...  | 5.941  | 5.119 | 419047   | 8048993  | 0.086   | 0.272 # |
| 11)                         | B alpha-Chl...  | 6.028  | 5.182 | 1071321  | 10673119 | 0.218   | 0.374 # |
| 12)                         | B 4,4'-DDE      | 6.198  | 5.372 | 274942   | 2436747  | 0.063   | 0.085 # |
| 13)                         | MA Dieldrin     | 0.000  | 5.493 | 0        | 108327   | N.D.    | 0.004 # |
| 14)                         | MA Endrin       | 6.571  | 5.783 | 205.1E6  | 1315.7E6 | 49.488  | 49.402  |
| 15)                         | B Endosulfa...  | 6.768f | 6.081 | 823315   | 3529677  | 0.195   | 0.140 # |
| 16)                         | A 4,4'-DDD      | 6.702  | 5.924 | 3488692  | 27245337 | 1.009   | 1.133   |
| 17)                         | MA 4,4'-DDT     | 7.018  | 6.176 | 373.6E6  | 2460.3E6 | 98.067  | 98.137  |
| 18)                         | B Endrin al...  | 6.913  | 6.250 | 1107762  | 14983472 | 0.386   | 0.870 # |
| 19)                         | B Endosulfa...  | 0.000  | 6.471 | 0        | 97899    | N.D.    | 0.004 # |
| 20)                         | A Methoxychlor  | 7.490  | 6.746 | 455.5E6  | 2571.4E6 | 227.105 | 199.402 |
| 21)                         | B Endrin ke...  | 7.626  | 6.983 | 2227652  | 28792004 | 0.537   | 1.081 # |
| 22)                         | Mirex           | 8.114  | 7.170 | 31781    | 5904418  | 0.010   | 0.286 # |
| 24)                         | Chlordane-2     | 0.000  | 4.481 | 0        | 2625525  | N.D.    | 2.741 # |
| 25)                         | Chlordane-3     | 5.941  | 5.119 | 419047   | 8048993  | 0.618   | 2.905 # |
| 26)                         | Chlordane-4     | 6.028  | 5.182 | 1071321  | 10673119 | 1.290   | 4.434 # |
| 27)                         | Chlordane-5     | 6.872  | 6.081 | 163374   | 3529677  | 1.166   | 3.209 # |
| -----                       |                 |        |       |          |          |         |         |

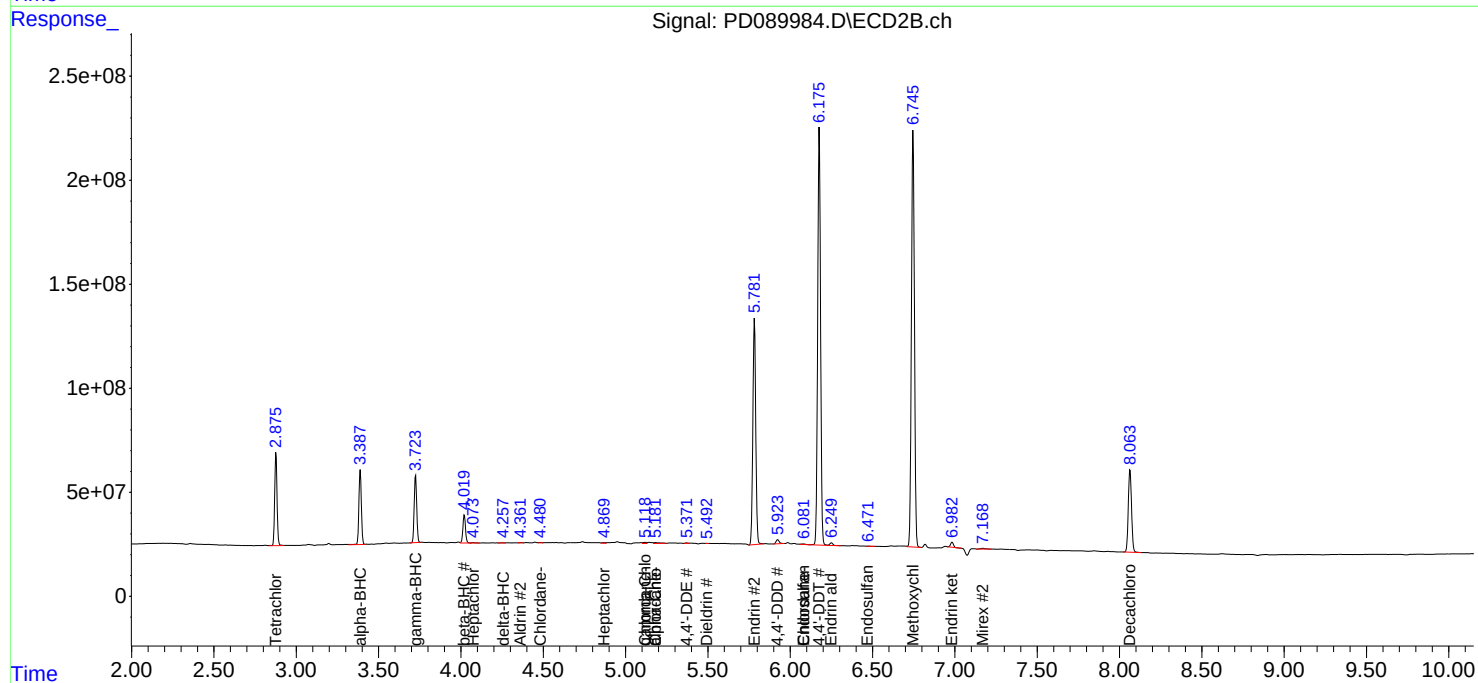
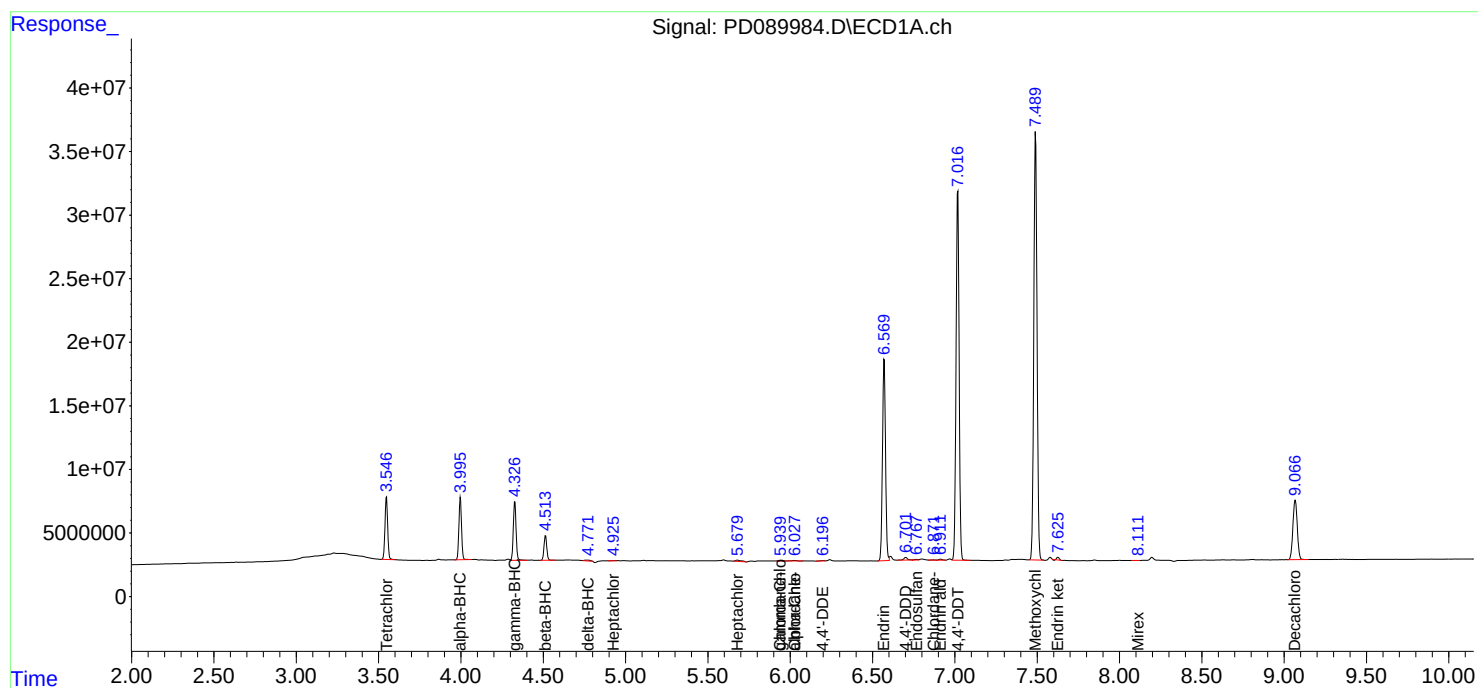
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

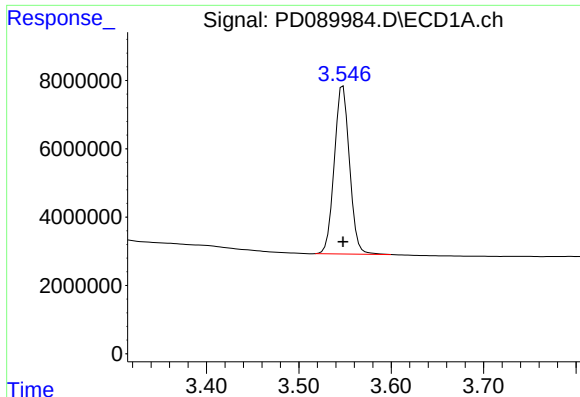
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081925\  
Data File : PD089984.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Aug 2025 10:03  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 20 07:12:21 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:16:54 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

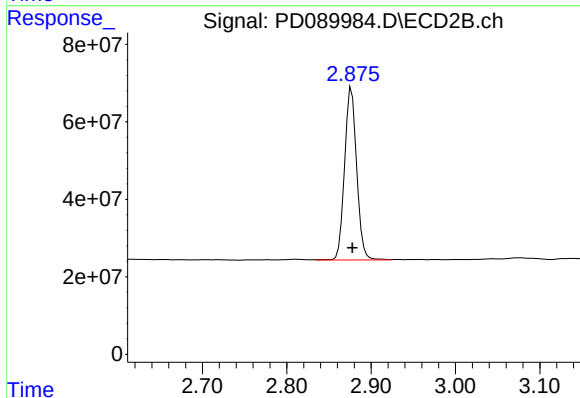




#1 Tetrachloro-m-xylene

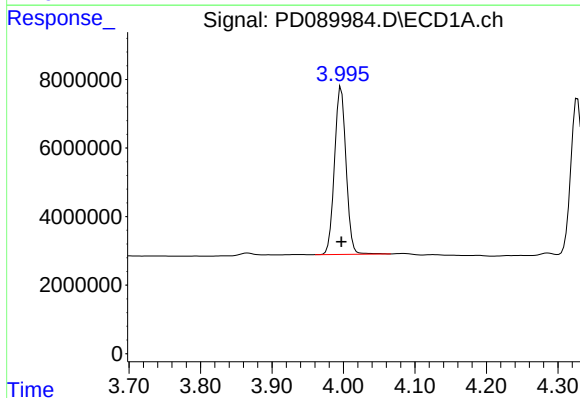
R.T.: 3.548 min  
Delta R.T.: 0.000 min  
Response: 56319153  
Conc: 19.19 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



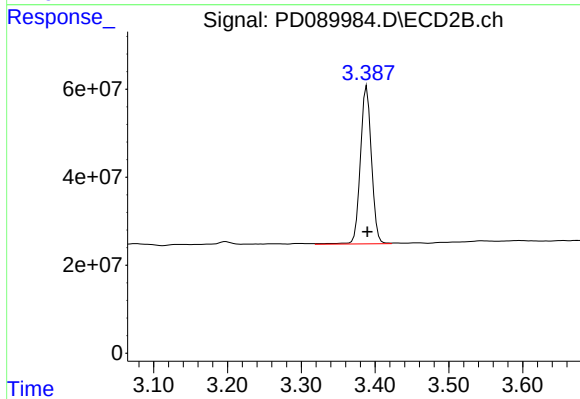
#1 Tetrachloro-m-xylene

R.T.: 2.877 min  
Delta R.T.: -0.001 min  
Response: 443663201  
Conc: 20.12 ng/ml



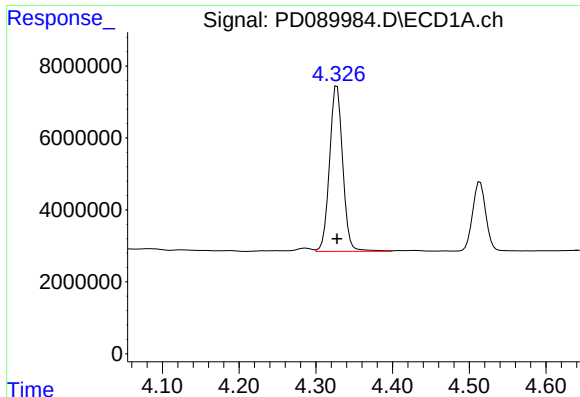
#2 alpha-BHC

R.T.: 3.997 min  
Delta R.T.: 0.000 min  
Response: 54803531  
Conc: 9.13 ng/ml



#2 alpha-BHC

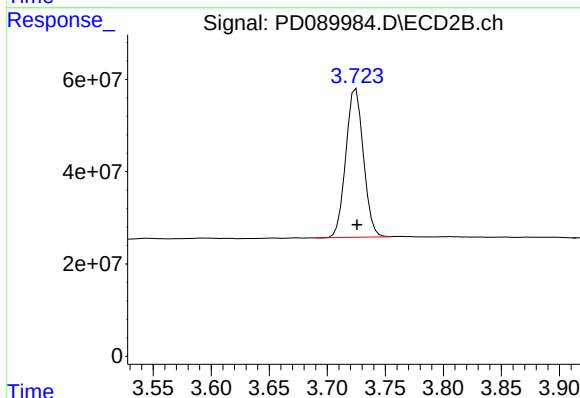
R.T.: 3.389 min  
Delta R.T.: 0.000 min  
Response: 372452044  
Conc: 10.97 ng/ml



#3 gamma-BHC (Lindane)

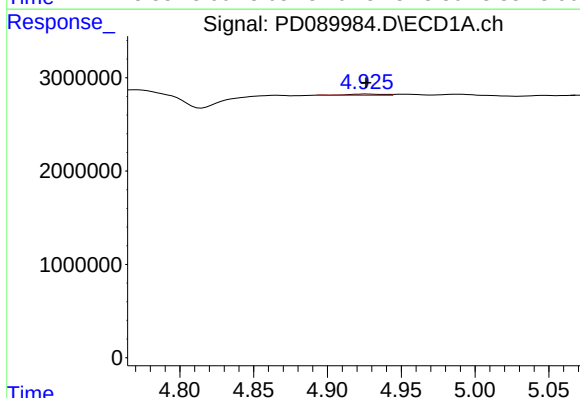
R.T.: 4.328 min  
Delta R.T.: 0.000 min  
Response: 54942357  
Conc: 9.59 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



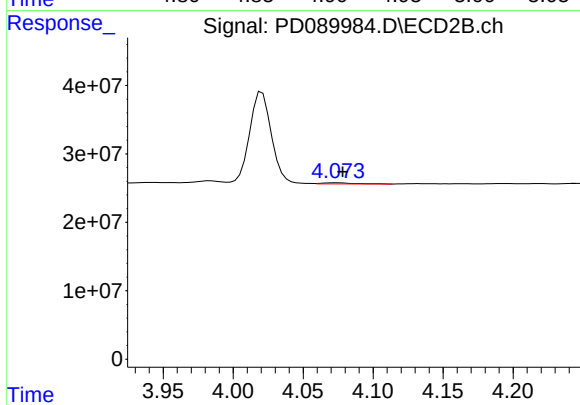
#3 gamma-BHC (Lindane)

R.T.: 3.725 min  
Delta R.T.: 0.000 min  
Response: 339483674  
Conc: 10.89 ng/ml



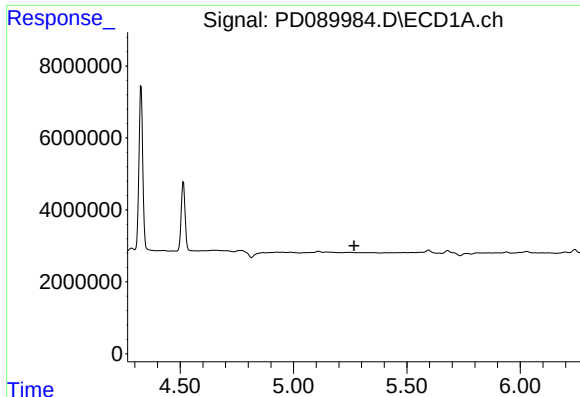
#4 Heptachlor

R.T.: 4.926 min  
Delta R.T.: 0.000 min  
Response: 218948  
Conc: 0.04 ng/ml



#4 Heptachlor

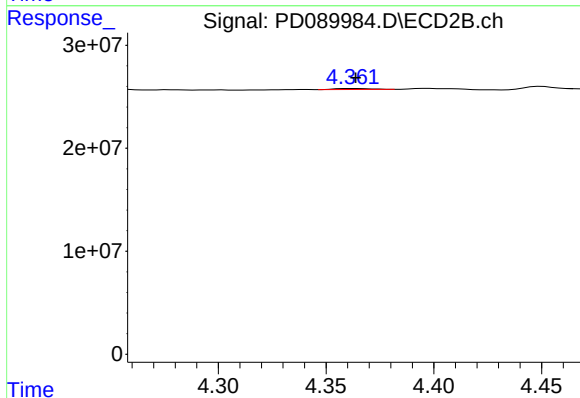
R.T.: 4.074 min  
Delta R.T.: -0.005 min  
Response: 2791063  
Conc: 0.09 ng/ml



#5 Aldrin

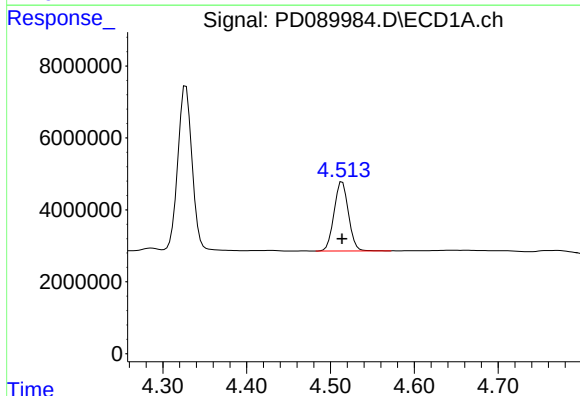
R.T.: 0.000 min  
Exp R.T.: 5.267 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



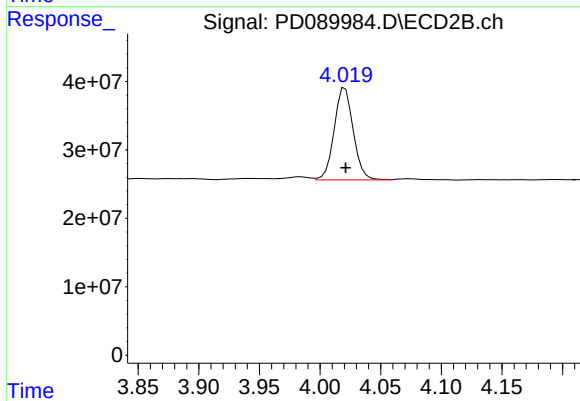
#5 Aldrin

R.T.: 4.363 min  
Delta R.T.: -0.001 min  
Response: 1122870  
Conc: 0.04 ng/ml



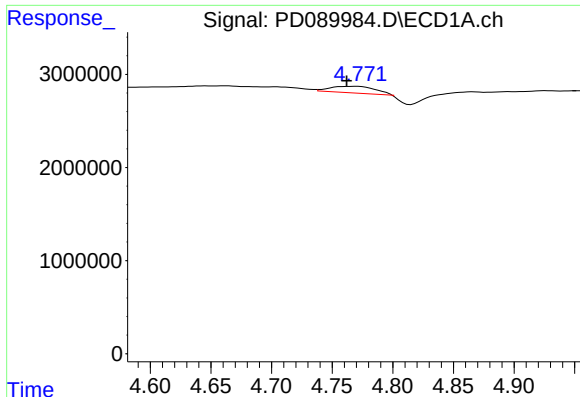
#6 beta-BHC

R.T.: 4.514 min  
Delta R.T.: 0.000 min  
Response: 22844028  
Conc: 10.18 ng/ml



#6 beta-BHC

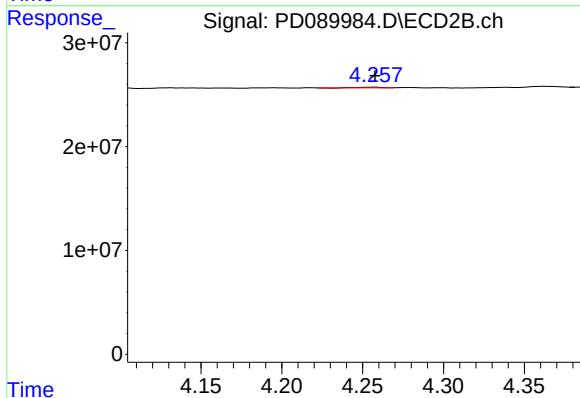
R.T.: 4.021 min  
Delta R.T.: 0.000 min  
Response: 146956569  
Conc: 11.02 ng/ml



#7 delta-BHC

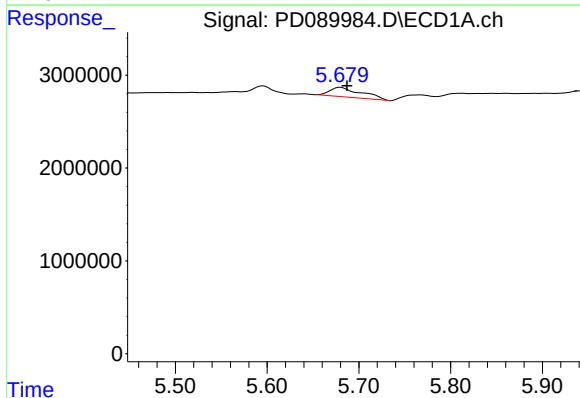
R.T.: 4.771 min  
Delta R.T.: 0.009 min  
Response: 1758379  
Conc: 0.34 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



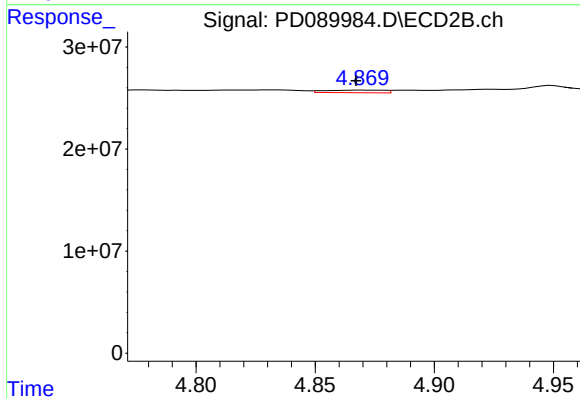
#7 delta-BHC

R.T.: 4.257 min  
Delta R.T.: 0.000 min  
Response: 563150  
Conc: 0.02 ng/ml



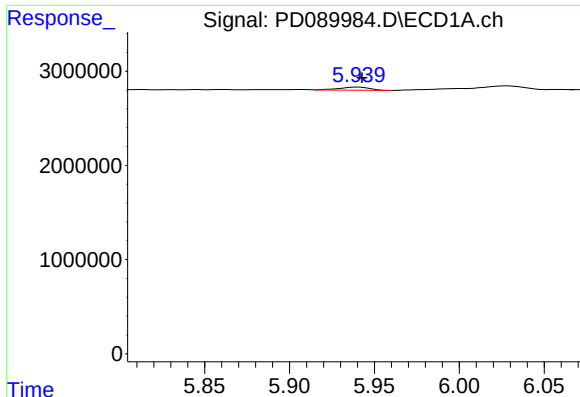
#8 Heptachlor epoxide

R.T.: 5.680 min  
Delta R.T.: -0.007 min  
Response: 2508703  
Conc: 0.51 ng/ml



#8 Heptachlor epoxide

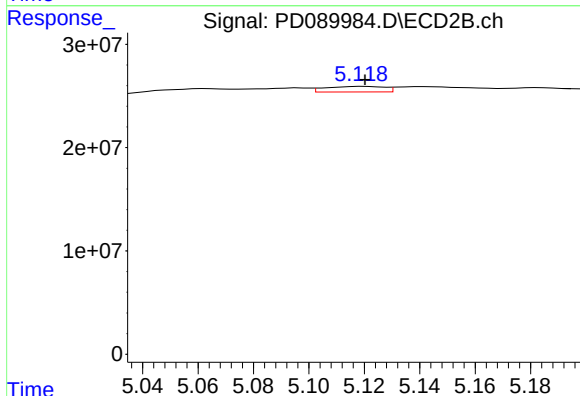
R.T.: 4.871 min  
Delta R.T.: 0.003 min  
Response: 4407803  
Conc: 0.16 ng/ml



#10 gamma-Chlordane

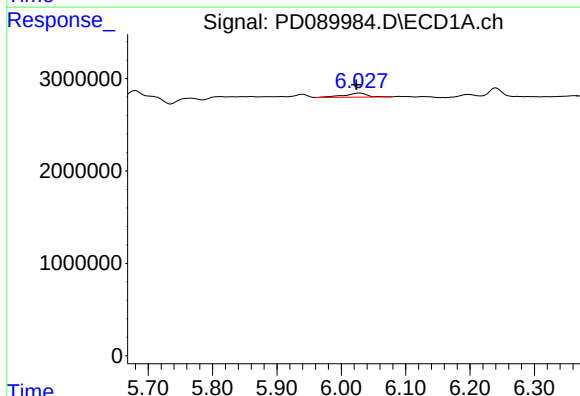
R.T.: 5.941 min  
Delta R.T.: -0.002 min  
Response: 419047  
Conc: 0.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



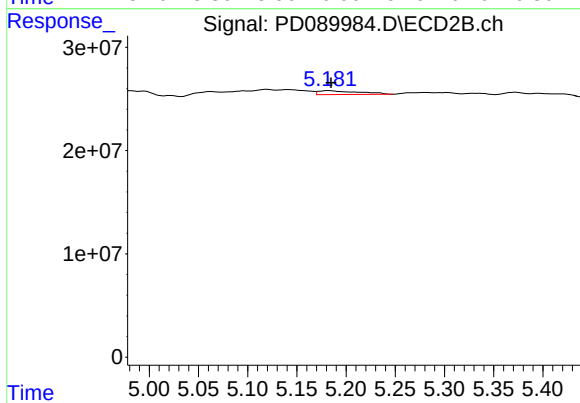
#10 gamma-Chlordane

R.T.: 5.119 min  
Delta R.T.: 0.000 min  
Response: 8048993  
Conc: 0.27 ng/ml



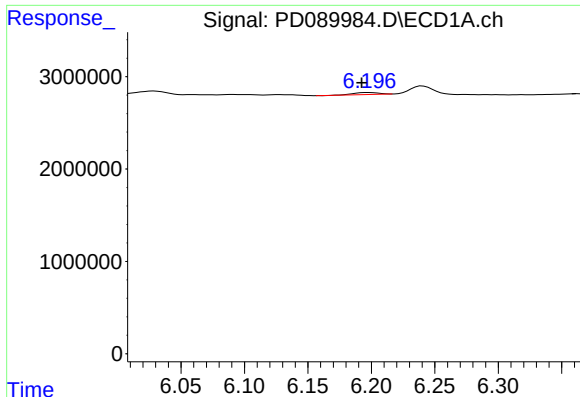
#11 alpha-Chlordane

R.T.: 6.028 min  
Delta R.T.: 0.005 min  
Response: 1071321  
Conc: 0.22 ng/ml



#11 alpha-Chlordane

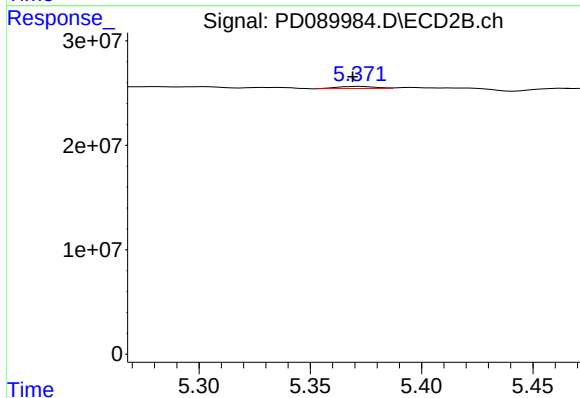
R.T.: 5.182 min  
Delta R.T.: -0.002 min  
Response: 10673119  
Conc: 0.37 ng/ml



#12 4,4'-DDE

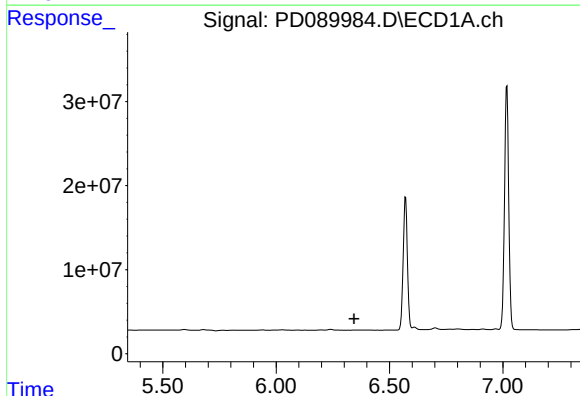
R.T.: 6.198 min  
Delta R.T.: 0.006 min  
Response: 274942  
Conc: 0.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



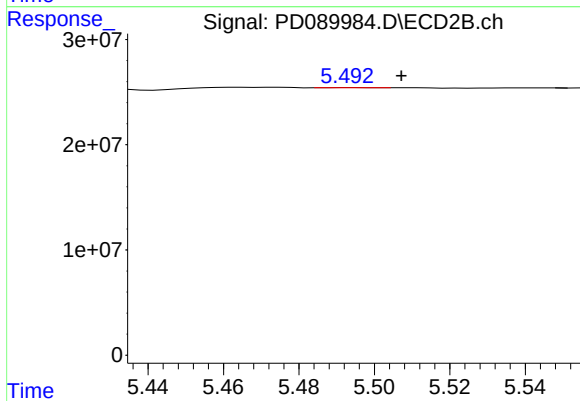
#12 4,4'-DDE

R.T.: 5.372 min  
Delta R.T.: 0.003 min  
Response: 2436747  
Conc: 0.08 ng/ml



#13 Dieldrin

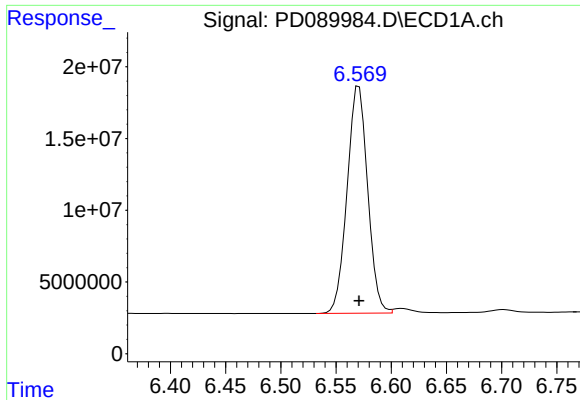
R.T.: 0.000 min  
Exp R.T. : 6.344 min  
Response: 0  
Conc: N.D.



#13 Dieldrin

R.T.: 5.493 min  
Delta R.T.: -0.014 min  
Response: 108327  
Conc: 0.00 ng/ml

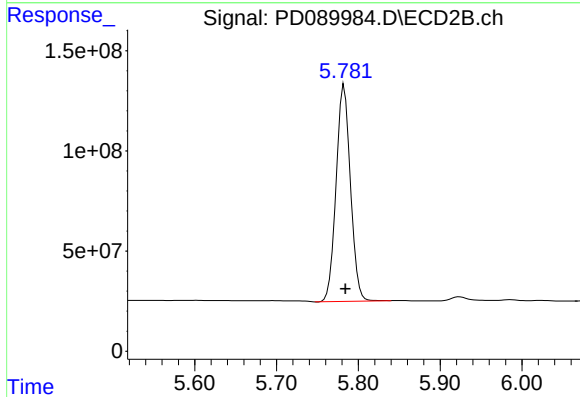




#14 Endrin

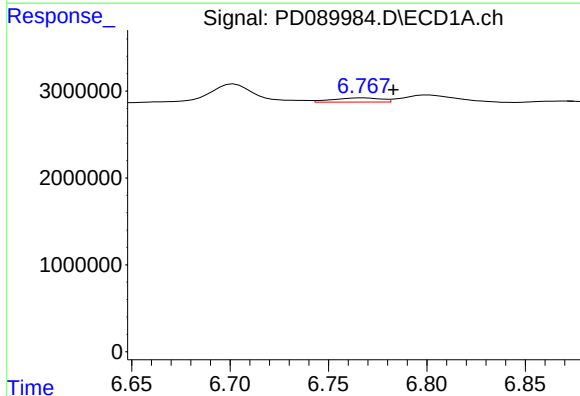
R.T.: 6.571 min  
Delta R.T.: 0.000 min  
Response: 205056866  
Conc: 49.49 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



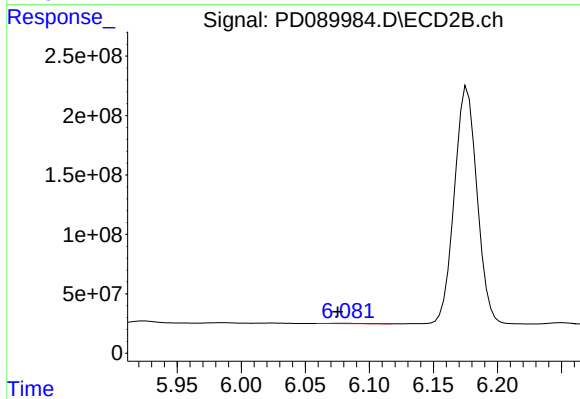
#14 Endrin

R.T.: 5.783 min  
Delta R.T.: -0.001 min  
Response: 1315676670  
Conc: 49.40 ng/ml



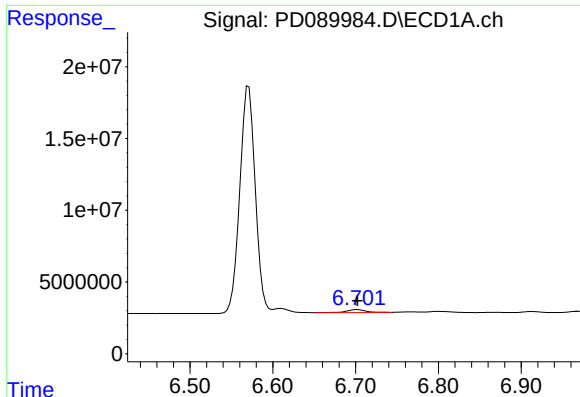
#15 Endosulfan II

R.T.: 6.768 min  
Delta R.T.: -0.015 min  
Response: 823315  
Conc: 0.20 ng/ml



#15 Endosulfan II

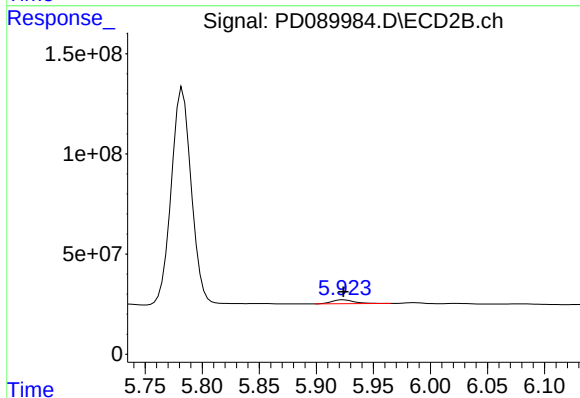
R.T.: 6.081 min  
Delta R.T.: 0.006 min  
Response: 3529677  
Conc: 0.14 ng/ml



#16 4,4'-DDD

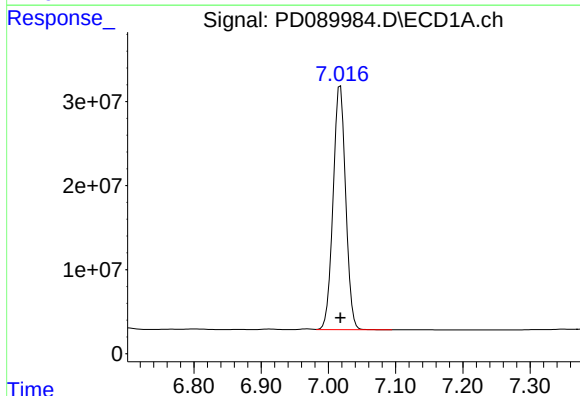
R.T.: 6.702 min  
Delta R.T.: 0.000 min  
Response: 3488692  
Conc: 1.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



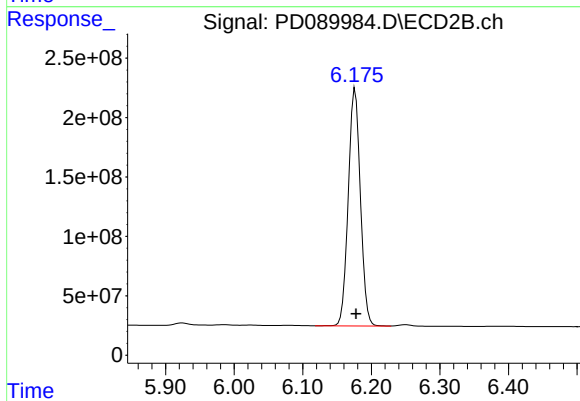
#16 4,4'-DDD

R.T.: 5.924 min  
Delta R.T.: 0.000 min  
Response: 27245337  
Conc: 1.13 ng/ml



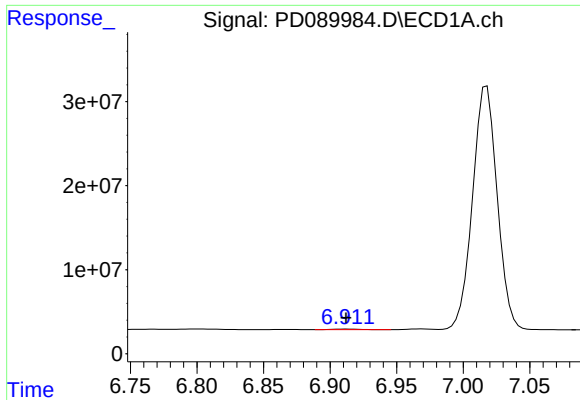
#17 4,4'-DDT

R.T.: 7.018 min  
Delta R.T.: 0.000 min  
Response: 373611044  
Conc: 98.07 ng/ml



#17 4,4'-DDT

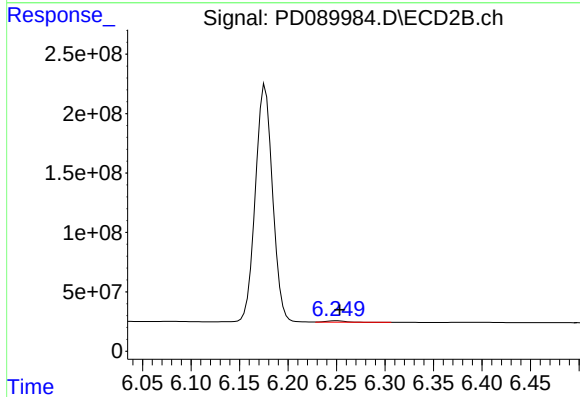
R.T.: 6.176 min  
Delta R.T.: -0.001 min  
Response: 2460278541  
Conc: 98.14 ng/ml



#18 Endrin aldehyde

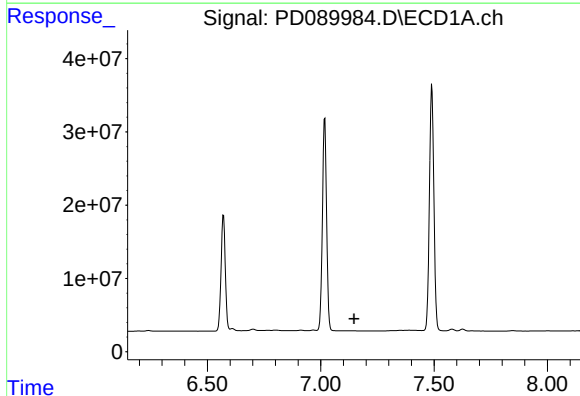
R.T.: 6.913 min  
Delta R.T.: 0.000 min  
Response: 1107762  
Conc: 0.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



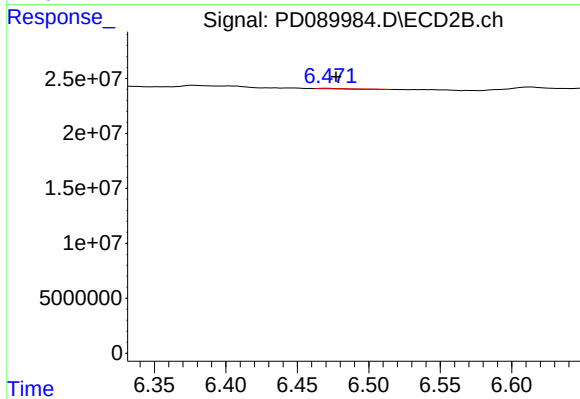
#18 Endrin aldehyde

R.T.: 6.250 min  
Delta R.T.: -0.003 min  
Response: 14983472  
Conc: 0.87 ng/ml



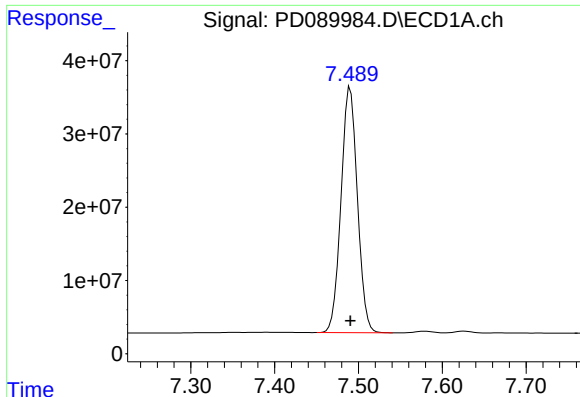
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.147 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

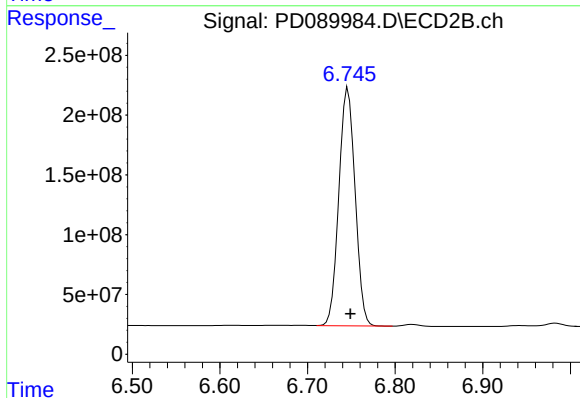
R.T.: 6.471 min  
Delta R.T.: -0.007 min  
Response: 97899  
Conc: 0.00 ng/ml



#20 Methoxychlor

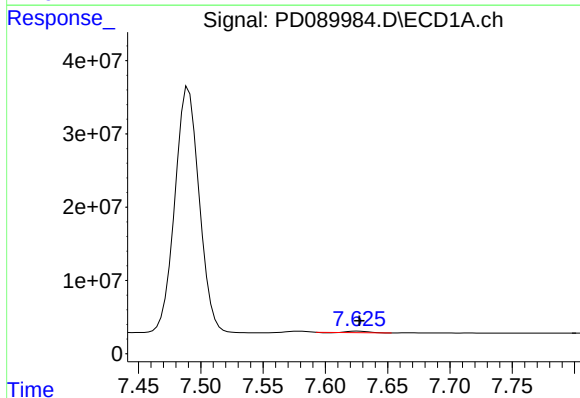
R.T.: 7.490 min  
Delta R.T.: 0.000 min  
Response: 455485322  
Conc: 227.10 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



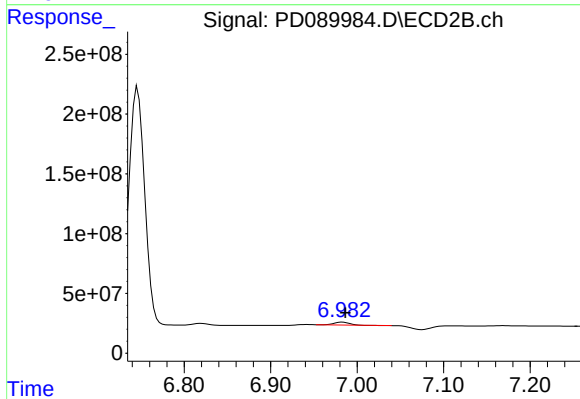
#20 Methoxychlor

R.T.: 6.746 min  
Delta R.T.: -0.003 min  
Response: 2571435825  
Conc: 199.40 ng/ml



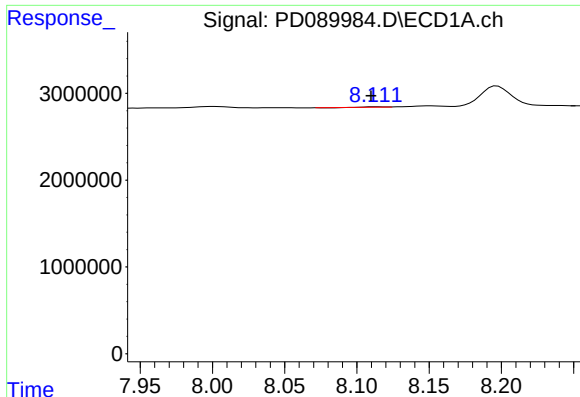
#21 Endrin ketone

R.T.: 7.626 min  
Delta R.T.: 0.000 min  
Response: 2227652  
Conc: 0.54 ng/ml



#21 Endrin ketone

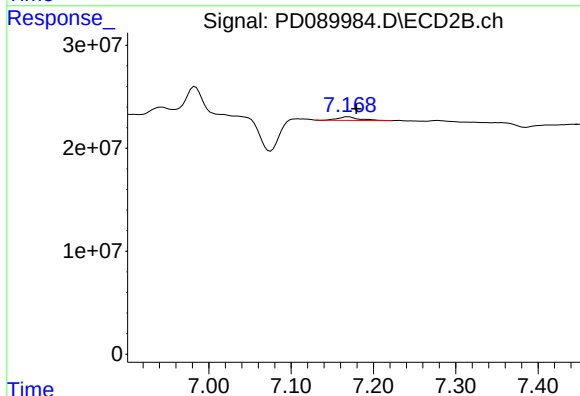
R.T.: 6.983 min  
Delta R.T.: -0.003 min  
Response: 28792004  
Conc: 1.08 ng/ml



#22 Mirex

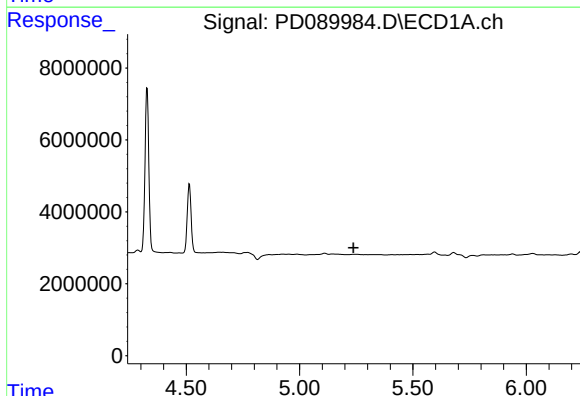
R.T.: 8.114 min  
Delta R.T.: 0.004 min  
Response: 31781  
Conc: 0.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



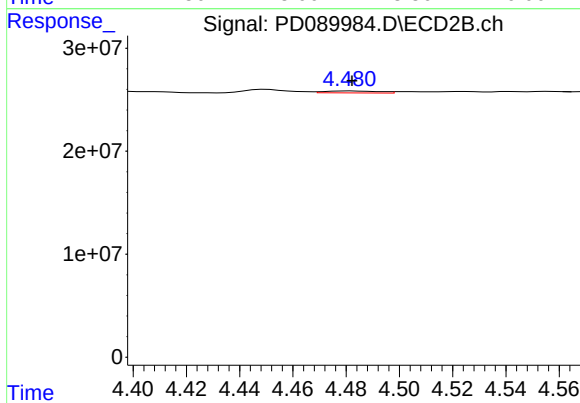
#22 Mirex

R.T.: 7.170 min  
Delta R.T.: -0.010 min  
Response: 5904418  
Conc: 0.29 ng/ml



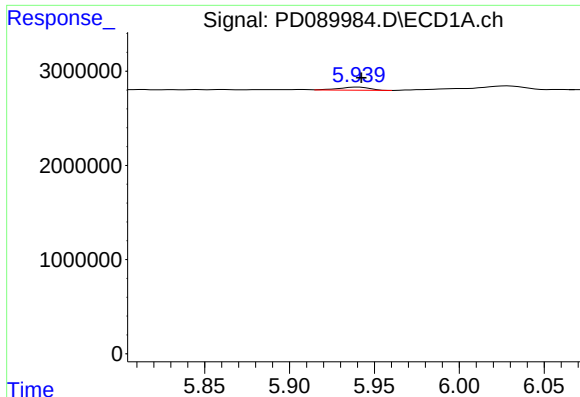
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 5.238 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

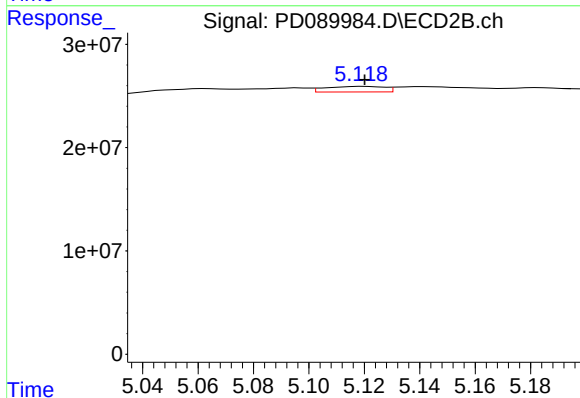
R.T.: 4.481 min  
Delta R.T.: 0.000 min  
Response: 2625525  
Conc: 2.74 ng/ml



#25 Chlordane-3

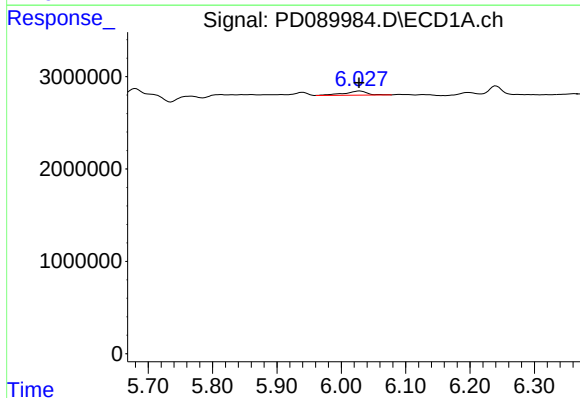
R.T.: 5.941 min  
Delta R.T.: -0.002 min  
Response: 419047  
Conc: 0.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



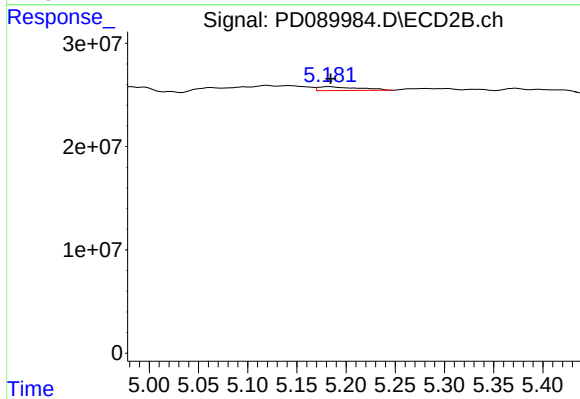
#25 Chlordane-3

R.T.: 5.119 min  
Delta R.T.: 0.000 min  
Response: 8048993  
Conc: 2.90 ng/ml



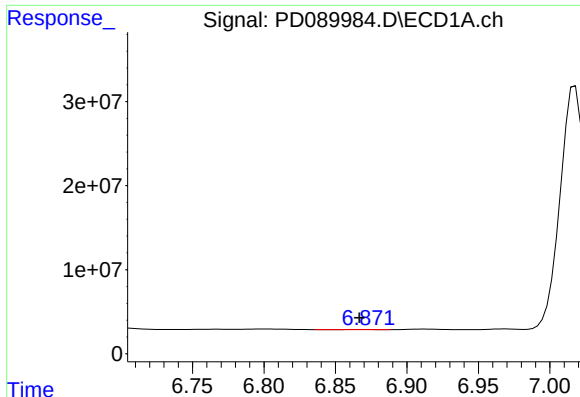
#26 Chlordane-4

R.T.: 6.028 min  
Delta R.T.: 0.000 min  
Response: 1071321  
Conc: 1.29 ng/ml



#26 Chlordane-4

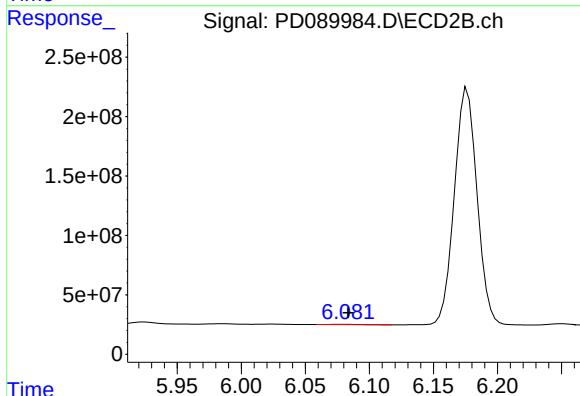
R.T.: 5.182 min  
Delta R.T.: -0.002 min  
Response: 10673119  
Conc: 4.43 ng/ml



#27 Chlordane-5

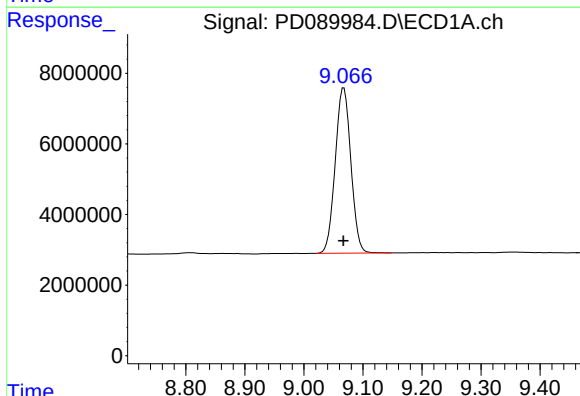
R.T.: 6.872 min  
Delta R.T.: 0.005 min  
Response: 163374  
Conc: 1.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM



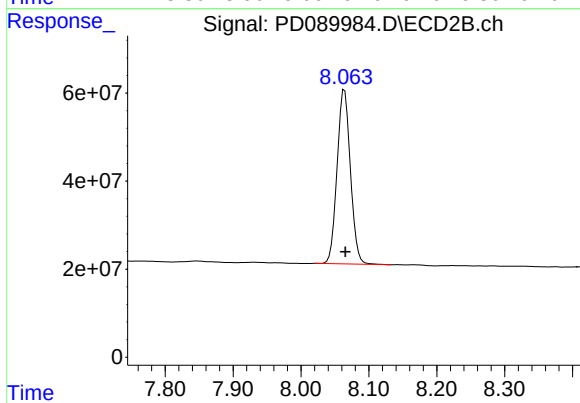
#27 Chlordane-5

R.T.: 6.081 min  
Delta R.T.: -0.002 min  
Response: 3529677  
Conc: 3.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min  
Delta R.T.: 0.000 min  
Response: 86173238  
Conc: 19.97 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.064 min  
Delta R.T.: -0.001 min  
Response: 540551866  
Conc: 20.88 ng/ml