

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072425\  
 Data File : PD089598.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Jul 2025 15:32  
 Operator : AR\AJ  
 Sample : PB168922BS  
 Misc : BS / CHLOR  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB168928BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 24 02:10:46 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  | 2.877  | 48268875 | 475.8E6   | 16.752  | 24.315 # |
| 28)                         | SA Decachlor... | 9.068  | 8.067  | 82579624 | 496.2E6   | 20.107  | 20.195   |
| Target Compounds            |                 |        |        |          |           |         |          |
| 2)                          | A alpha-BHC     | 4.020f | 3.384  | 2695386  | 2115293   | 0.472   | 0.070 #  |
| 3)                          | MA gamma-BHC... | 4.354f | 3.718  | 1712843  | -3082479  | 0.310   | N.D. #   |
| 4)                          | MA Heptachlor   | 4.927  | 4.079  | 62527197 | 324.9E6   | 11.465  | 11.594   |
| 5)                          | MB Aldrin       | 5.239f | 4.379  | 43812987 | 27426993  | 8.373   | 1.001 #  |
| 7)                          | B delta-BHC     | 4.777  | 4.261  | 2921869  | 26004566  | 0.553   | 0.932 #  |
| 8)                          | B Heptachlo...  | 5.669f | 0.000  | 25307668 | 0         | 5.358   | N.D. #   |
| 9)                          | A Endosulfan I  | 0.000  | 5.226f | 0        | 58440334  | N.D.    | 2.461 #  |
| 10)                         | B gamma-Chl...  | 5.944  | 5.121  | 160.9E6  | 658.5E6   | 33.931  | 24.614 # |
| 11)                         | B alpha-Chl...  | 6.029  | 5.186  | 201.4E6  | 571.1E6   | 42.252  | 22.143 # |
| 12)                         | B 4,4'-DDE      | 6.179  | 5.361  | 1074977  | 17193991  | 0.250   | 0.655 #  |
| 13)                         | MA Dieldrin     | 6.350  | 5.490f | 11012876 | 25751686  | 2.333   | 0.974 #  |
| 14)                         | MA Endrin       | 6.595f | 5.786  | 3635453  | 50842806  | 0.893   | 2.103 #  |
| 15)                         | B Endosulfa...  | 6.766f | 6.085  | 4491188  | 266.7E6   | 1.104   | 11.611 # |
| 16)                         | A 4,4'-DDD      | 6.724f | 5.917  | 8307171  | -20108895 | 2.451   | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.989f | 6.179  | 2325789  | 3401014   | 0.616   | 0.145 #  |
| 18)                         | B Endrin al...  | 6.923  | 6.263  | 2554307  | 3255563   | 0.876   | 0.196 #  |
| 19)                         | B Endosulfa...  | 7.147  | 6.483  | 367746   | 9935273   | 0.097   | 0.448 #  |
| 20)                         | A Methoxychlor  | 7.484  | 6.758  | 704996   | 2435469   | 0.352   | 0.200 #  |
| 22)                         | Mirex           | 8.116  | 7.188  | 224244   | -244610   | 0.073   | N.D. #   |
| 23)                         | Chlordane-1     | 4.712  | 3.902  | 40146186 | 213.3E6   | 205.140 | 229.735  |
| 24)                         | Chlordane-2     | 5.239  | 4.484  | 43812987 | 225.7E6   | 217.880 | 230.245  |
| 25)                         | Chlordane-3     | 5.944  | 5.121  | 160.9E6  | 658.5E6   | 206.448 | 228.091  |
| 26)                         | Chlordane-4     | 6.029  | 5.186  | 201.4E6  | 571.1E6   | 212.174 | 236.759  |
| 27)                         | Chlordane-5     | 6.868  | 6.085  | 35226411 | 266.7E6   | 213.597 | 228.231  |
| -----                       |                 |        |        |          |           |         |          |

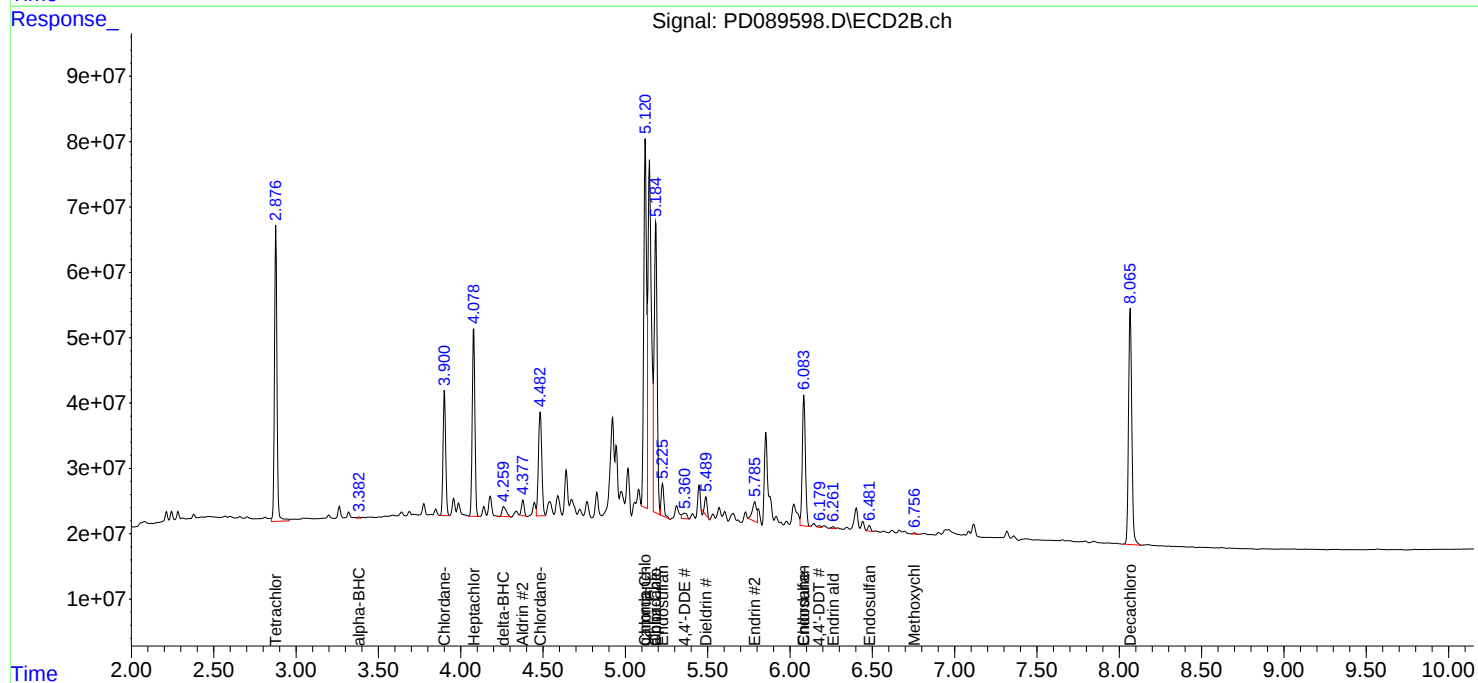
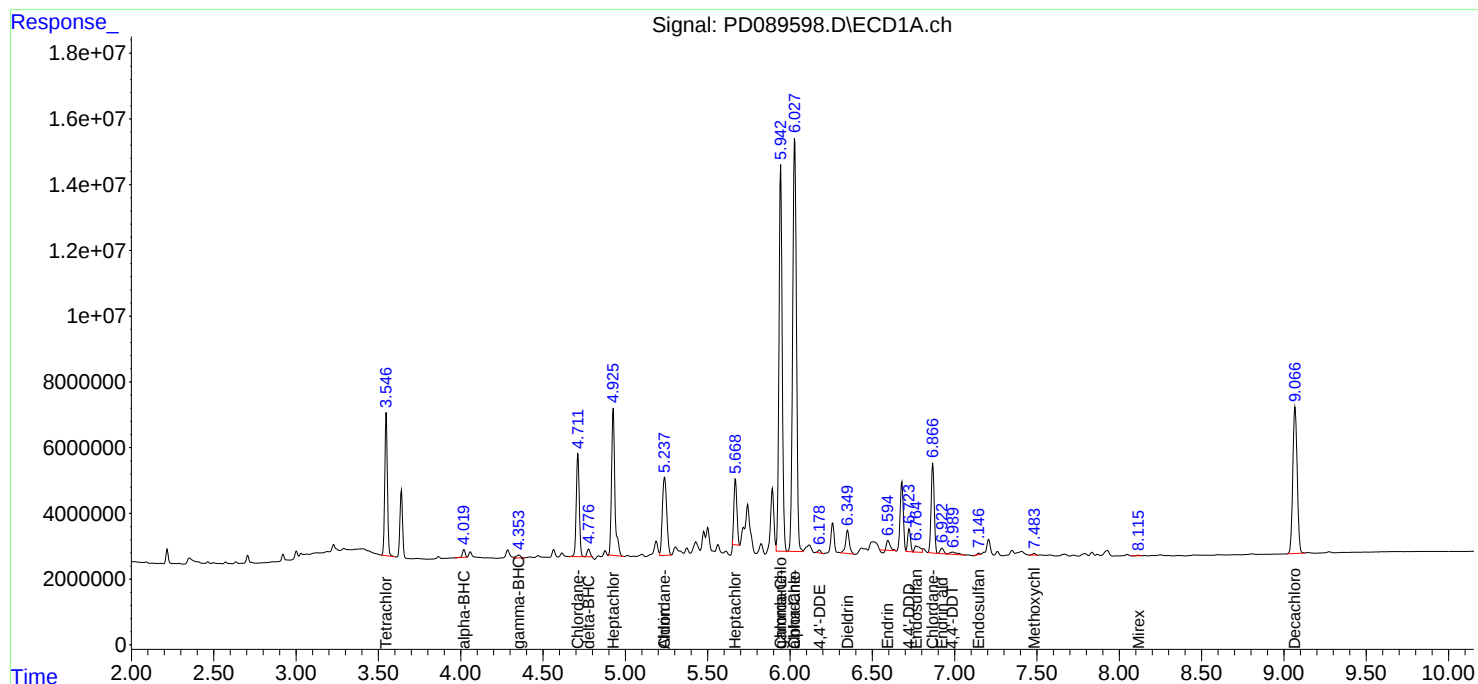
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

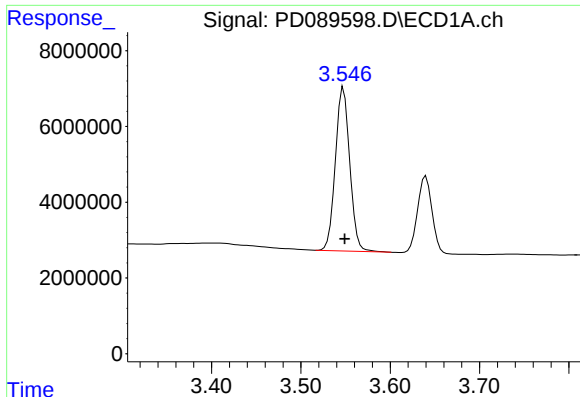
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD072425\  
Data File : PD089598.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Jul 2025 15:32  
Operator : AR\AJ  
Sample : PB168922BS  
Misc : BS / CHLOR  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
PB168928BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 24 02:10:46 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

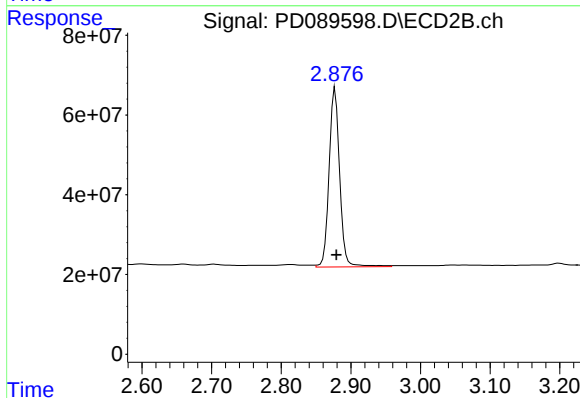




#1 Tetrachloro-m-xylene

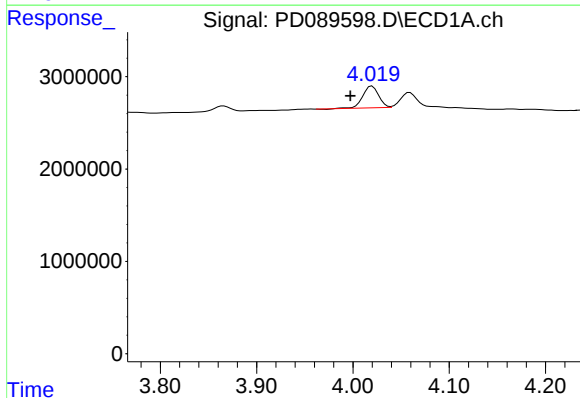
R.T.: 3.548 min  
Delta R.T.: -0.001 min  
Response: 48268875  
Conc: 16.75 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168928BS



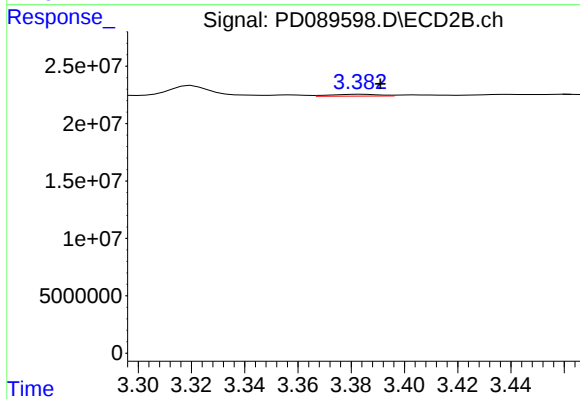
#1 Tetrachloro-m-xylene

R.T.: 2.877 min  
Delta R.T.: -0.002 min  
Response: 475751109  
Conc: 24.32 ng/ml



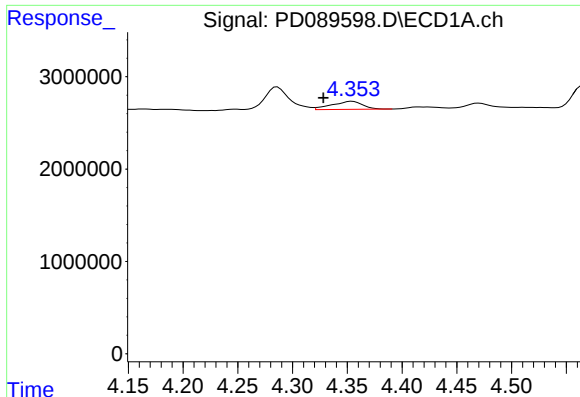
#2 alpha-BHC

R.T.: 4.020 min  
Delta R.T.: 0.023 min  
Response: 2695386  
Conc: 0.47 ng/ml



#2 alpha-BHC

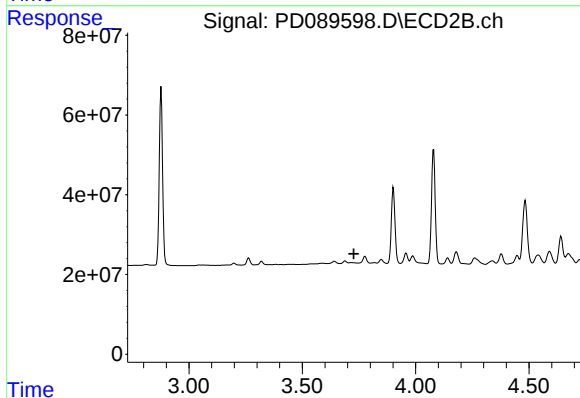
R.T.: 3.384 min  
Delta R.T.: -0.007 min  
Response: 2115293  
Conc: 0.07 ng/ml



#3 gamma-BHC (Lindane)

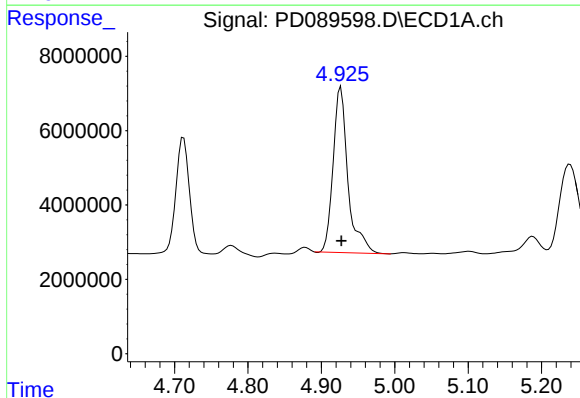
R.T.: 4.354 min  
Delta R.T.: 0.026 min  
Response: 1712843  
Conc: 0.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168928BS



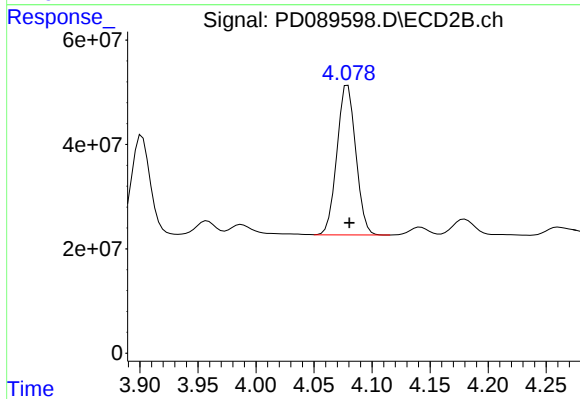
#3 gamma-BHC (Lindane)

R.T.: 3.718 min  
Delta R.T.: -0.010 min  
Response: -3082479  
Conc: N.D.



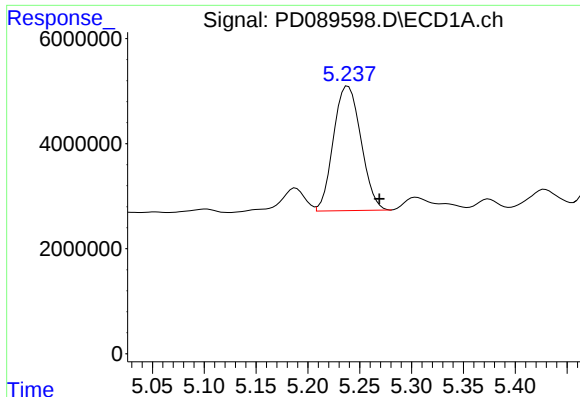
#4 Heptachlor

R.T.: 4.927 min  
Delta R.T.: 0.000 min  
Response: 62527197  
Conc: 11.46 ng/ml



#4 Heptachlor

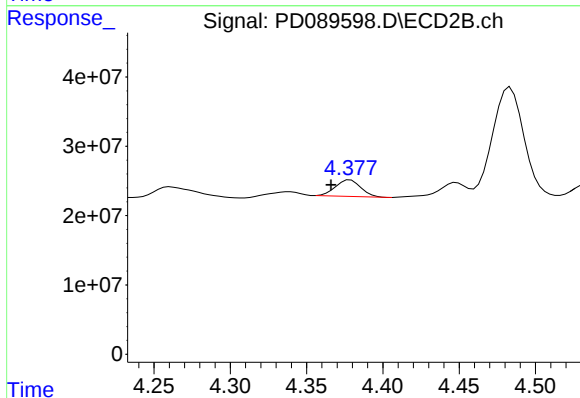
R.T.: 4.079 min  
Delta R.T.: -0.001 min  
Response: 324856315  
Conc: 11.59 ng/ml



#5 Aldrin

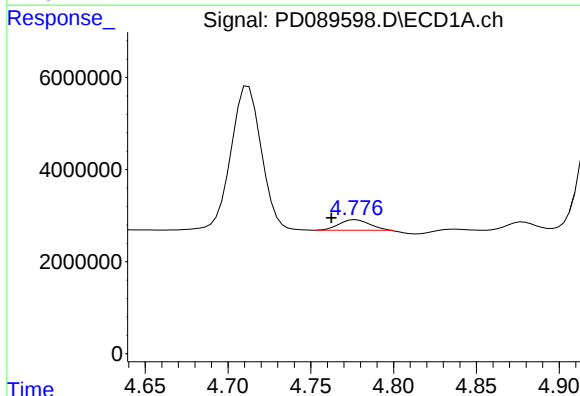
R.T.: 5.239 min  
Delta R.T.: -0.030 min  
Response: 43812987  
Conc: 8.37 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168928BS



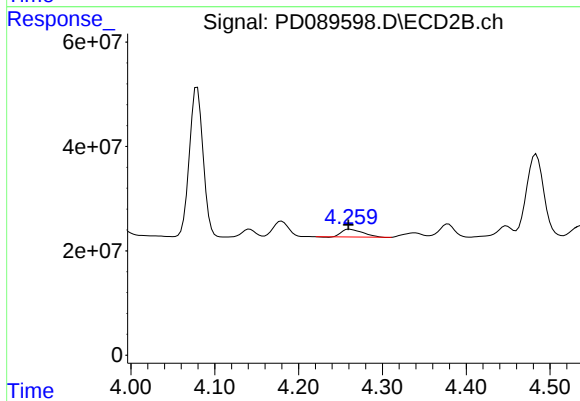
#5 Aldrin

R.T.: 4.379 min  
Delta R.T.: 0.012 min  
Response: 27426993  
Conc: 1.00 ng/ml



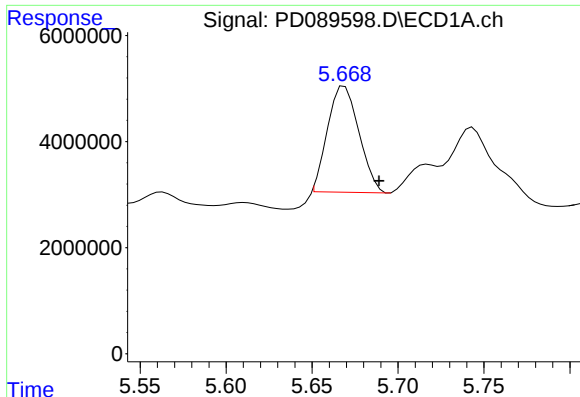
#7 delta-BHC

R.T.: 4.777 min  
Delta R.T.: 0.015 min  
Response: 2921869  
Conc: 0.55 ng/ml



#7 delta-BHC

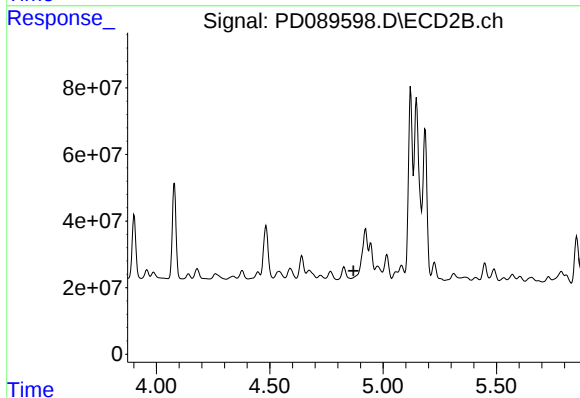
R.T.: 4.261 min  
Delta R.T.: 0.001 min  
Response: 26004566  
Conc: 0.93 ng/ml



#8 Heptachlor epoxide

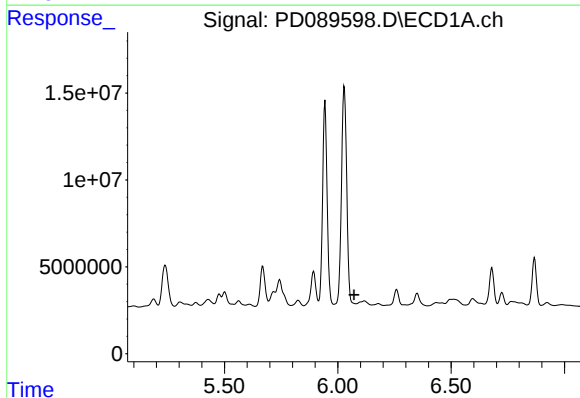
R.T.: 5.669 min  
Delta R.T.: -0.020 min  
Response: 25307668  
Conc: 5.36 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168928BS



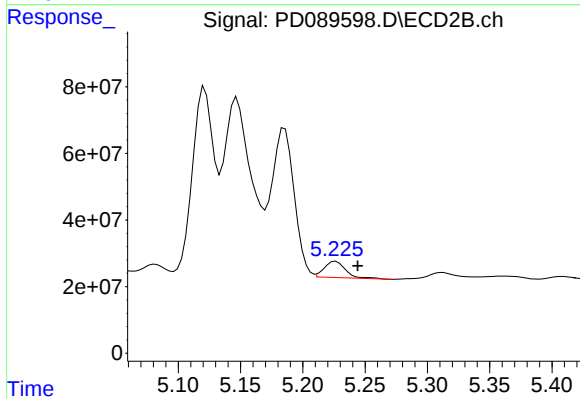
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 4.870 min  
Response: 0  
Conc: N.D.



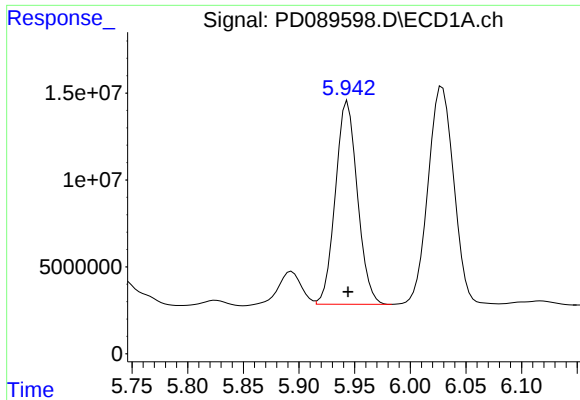
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.073 min  
Response: 0  
Conc: N.D.



#9 Endosulfan I

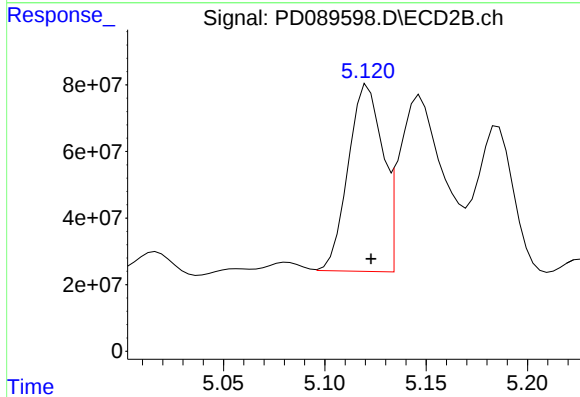
R.T.: 5.226 min  
Delta R.T.: -0.018 min  
Response: 58440334  
Conc: 2.46 ng/ml



#10 gamma-Chlordane

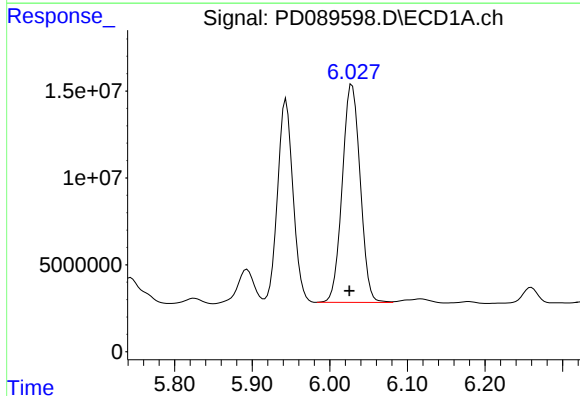
R.T.: 5.944 min  
Delta R.T.: 0.000 min  
Response: 160867860  
Conc: 33.93 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168928BS



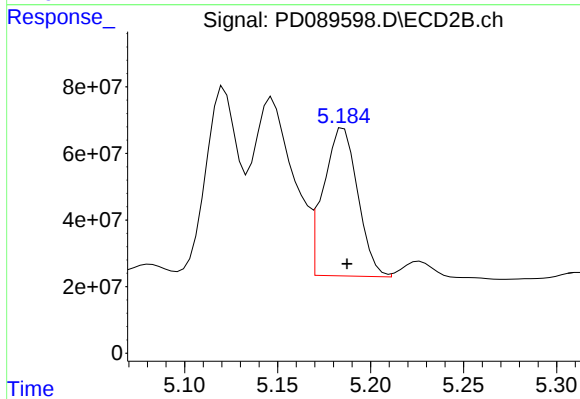
#10 gamma-Chlordane

R.T.: 5.121 min  
Delta R.T.: -0.001 min  
Response: 658500244  
Conc: 24.61 ng/ml



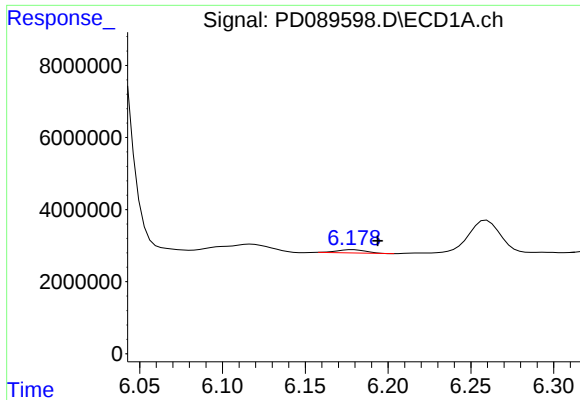
#11 alpha-Chlordane

R.T.: 6.029 min  
Delta R.T.: 0.003 min  
Response: 201403856  
Conc: 42.25 ng/ml



#11 alpha-Chlordane

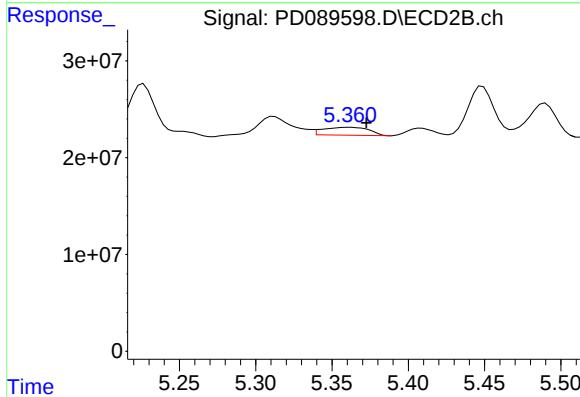
R.T.: 5.186 min  
Delta R.T.: -0.002 min  
Response: 571107370  
Conc: 22.14 ng/ml



#12 4,4'-DDE

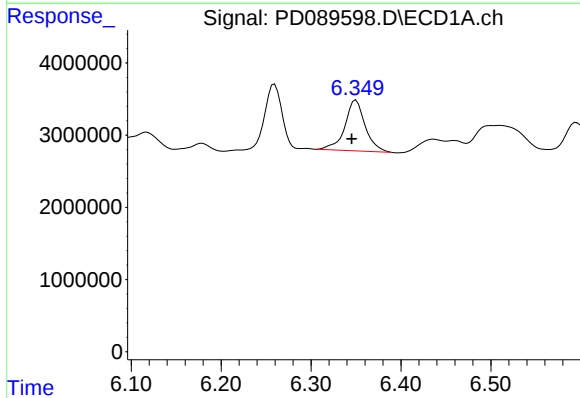
R.T.: 6.179 min  
Delta R.T.: -0.015 min  
Response: 1074977  
Conc: 0.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168928BS



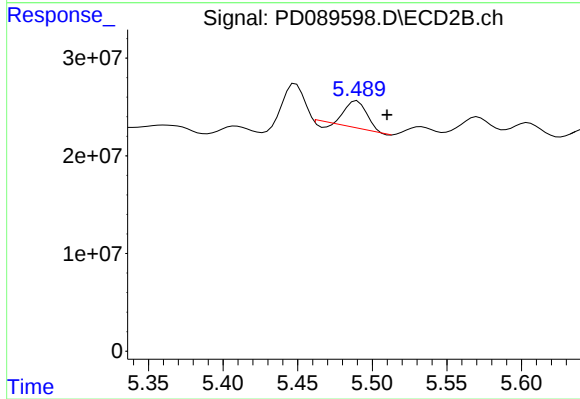
#12 4,4'-DDE

R.T.: 5.361 min  
Delta R.T.: -0.011 min  
Response: 17193991  
Conc: 0.65 ng/ml



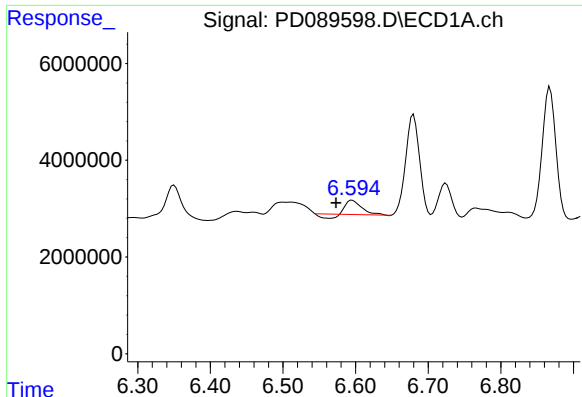
#13 Dieldrin

R.T.: 6.350 min  
Delta R.T.: 0.005 min  
Response: 11012876  
Conc: 2.33 ng/ml



#13 Dieldrin

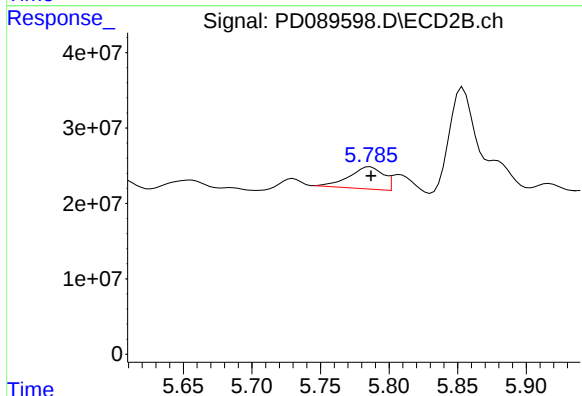
R.T.: 5.490 min  
Delta R.T.: -0.020 min  
Response: 25751686  
Conc: 0.97 ng/ml



#14 Endrin

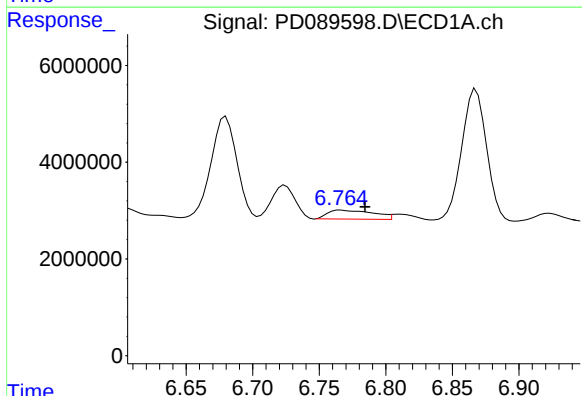
R.T.: 6.595 min  
Delta R.T.: 0.022 min  
Response: 3635453  
Conc: 0.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168928BS



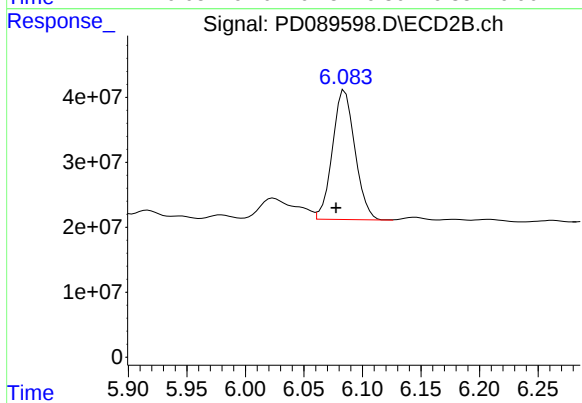
#14 Endrin

R.T.: 5.786 min  
Delta R.T.: 0.000 min  
Response: 50842806  
Conc: 2.10 ng/ml



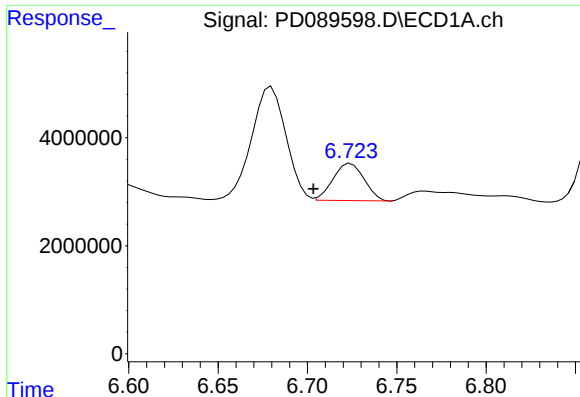
#15 Endosulfan II

R.T.: 6.766 min  
Delta R.T.: -0.018 min  
Response: 4491188  
Conc: 1.10 ng/ml



#15 Endosulfan II

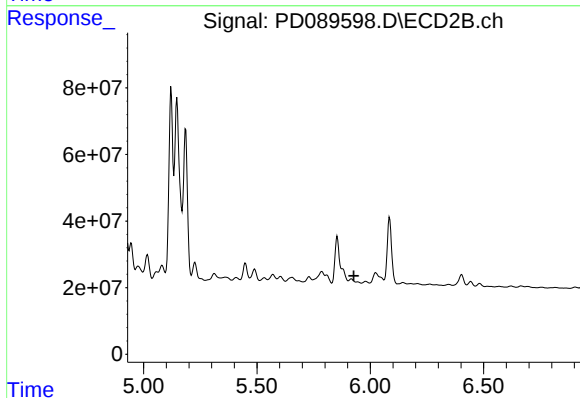
R.T.: 6.085 min  
Delta R.T.: 0.007 min  
Response: 266676549  
Conc: 11.61 ng/ml



#16 4,4'-DDD

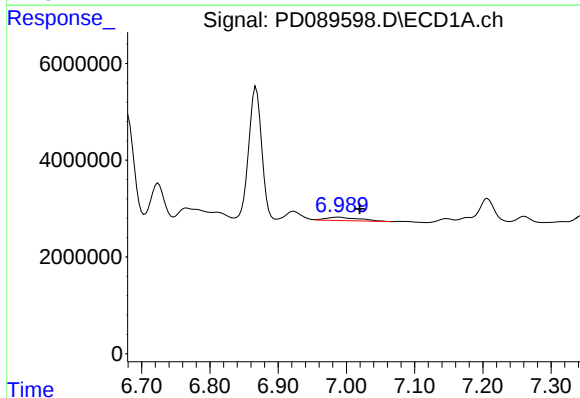
R.T.: 6.724 min  
Delta R.T.: 0.021 min  
Response: 8307171  
Conc: 2.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168928BS



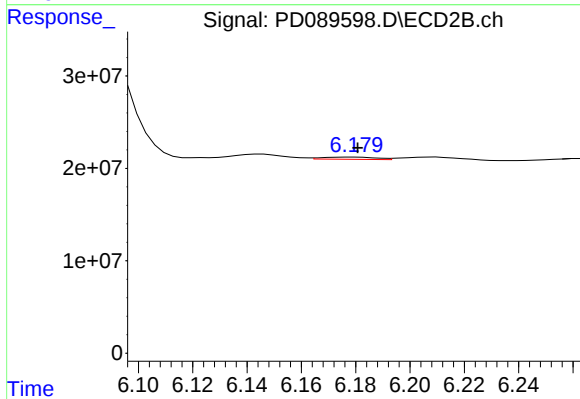
#16 4,4'-DDD

R.T.: 5.917 min  
Delta R.T.: -0.010 min  
Response: -20108895  
Conc: N.D.



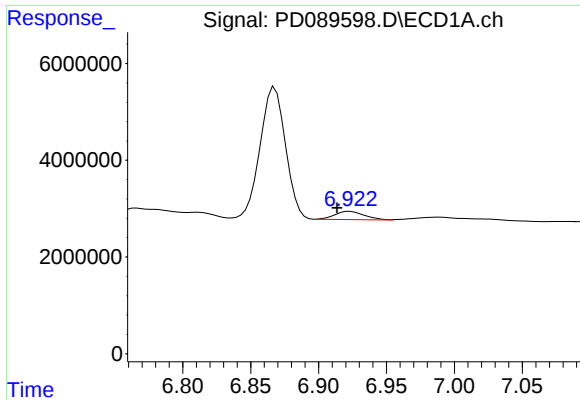
#17 4,4'-DDT

R.T.: 6.989 min  
Delta R.T.: -0.031 min  
Response: 2325789  
Conc: 0.62 ng/ml



#17 4,4'-DDT

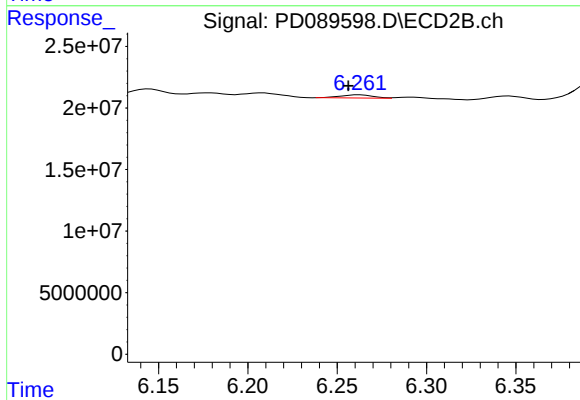
R.T.: 6.179 min  
Delta R.T.: -0.002 min  
Response: 3401014  
Conc: 0.15 ng/ml



#18 Endrin aldehyde

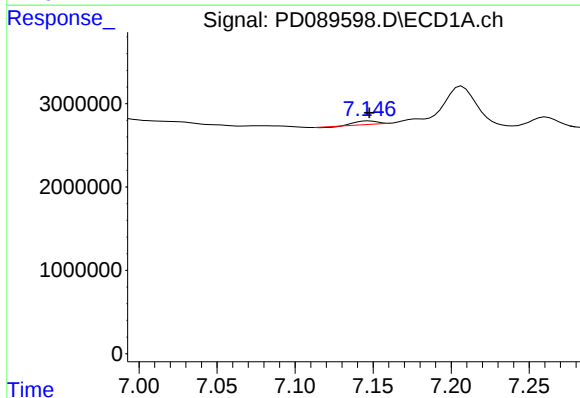
R.T.: 6.923 min  
Delta R.T.: 0.009 min  
Response: 2554307  
Conc: 0.88 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168928BS



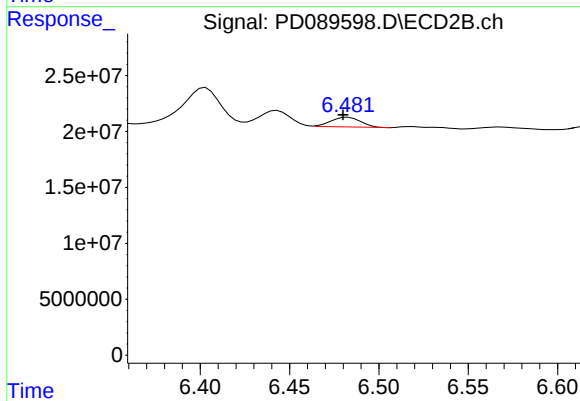
#18 Endrin aldehyde

R.T.: 6.263 min  
Delta R.T.: 0.006 min  
Response: 3255563  
Conc: 0.20 ng/ml



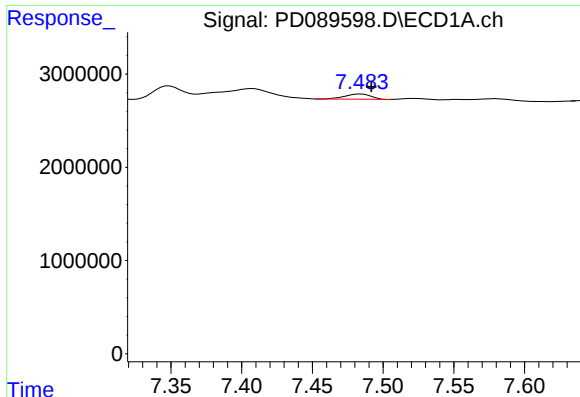
#19 Endosulfan Sulfate

R.T.: 7.147 min  
Delta R.T.: 0.000 min  
Response: 367746  
Conc: 0.10 ng/ml



#19 Endosulfan Sulfate

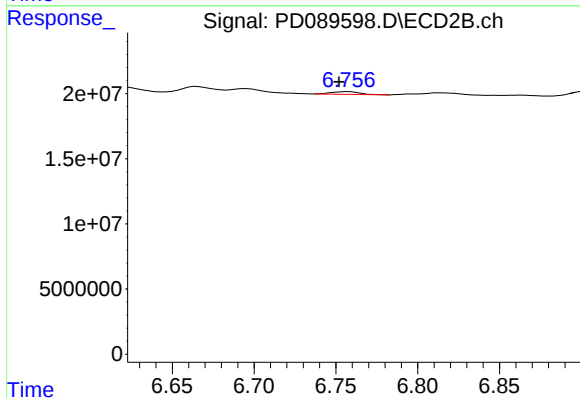
R.T.: 6.483 min  
Delta R.T.: 0.003 min  
Response: 9935273  
Conc: 0.45 ng/ml



#20 Methoxychlor

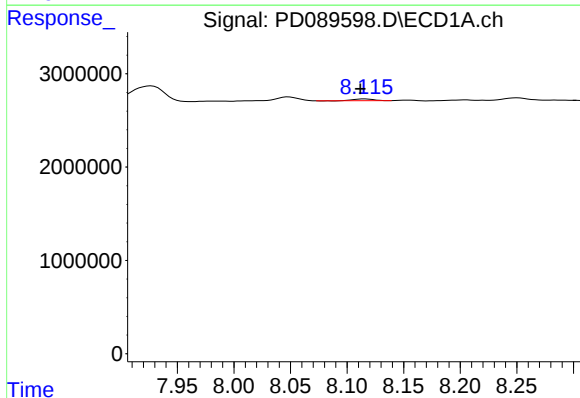
R.T.: 7.484 min  
Delta R.T.: -0.007 min  
Response: 704996  
Conc: 0.35 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168928BS



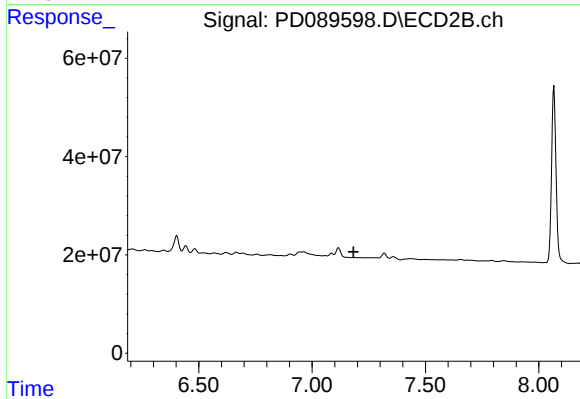
#20 Methoxychlor

R.T.: 6.758 min  
Delta R.T.: 0.006 min  
Response: 2435469  
Conc: 0.20 ng/ml



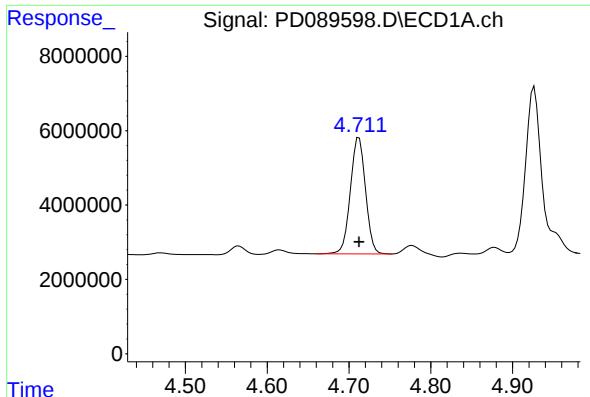
#22 Mirex

R.T.: 8.116 min  
Delta R.T.: 0.004 min  
Response: 224244  
Conc: 0.07 ng/ml



#22 Mirex

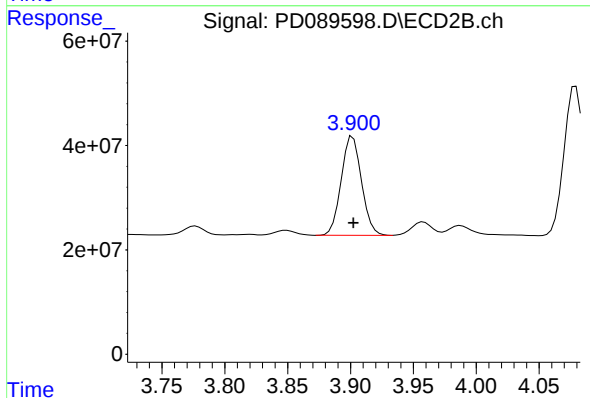
R.T.: 7.188 min  
Delta R.T.: 0.005 min  
Response: -244610  
Conc: N.D.



#23 Chlordane-1

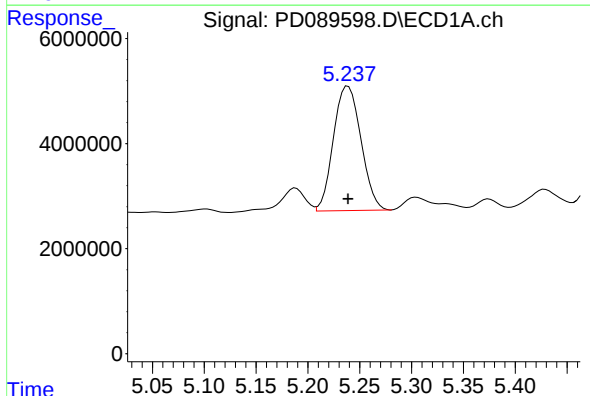
R.T.: 4.712 min  
Delta R.T.: 0.000 min  
Response: 40146186  
Conc: 205.14 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168928BS



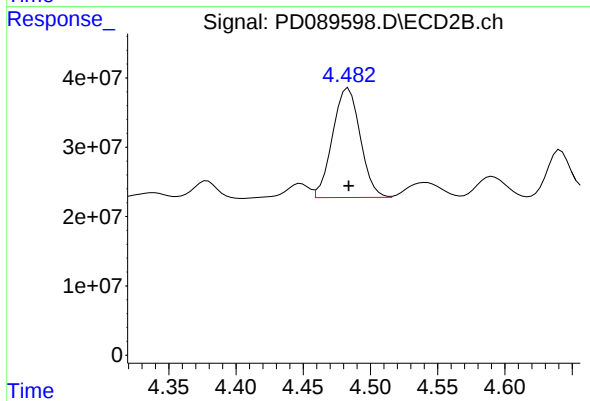
#23 Chlordane-1

R.T.: 3.902 min  
Delta R.T.: 0.000 min  
Response: 213348279  
Conc: 229.73 ng/ml



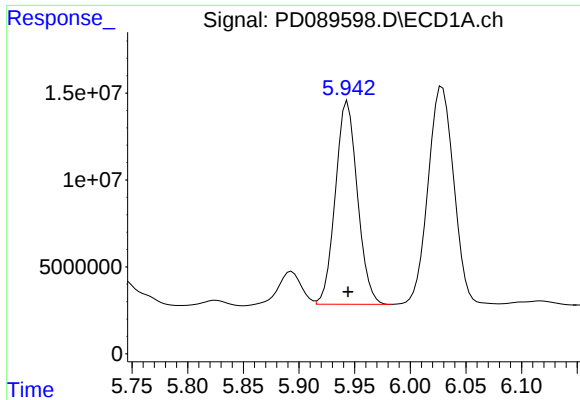
#24 Chlordane-2

R.T.: 5.239 min  
Delta R.T.: 0.000 min  
Response: 43812987  
Conc: 217.88 ng/ml



#24 Chlordane-2

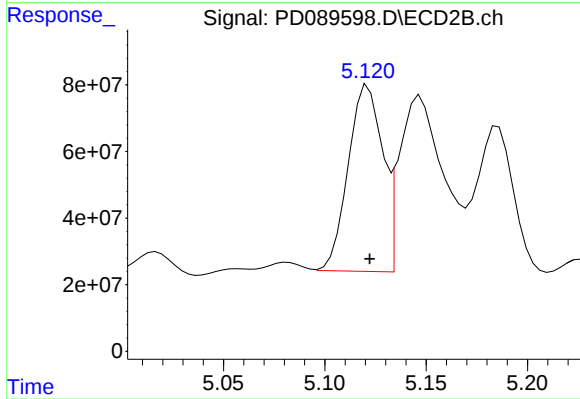
R.T.: 4.484 min  
Delta R.T.: 0.000 min  
Response: 225698156  
Conc: 230.24 ng/ml



#25 Chlordane-3

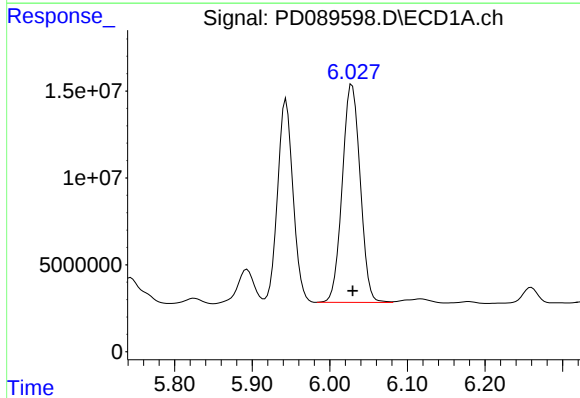
R.T.: 5.944 min  
Delta R.T.: 0.000 min  
Response: 160867860  
Conc: 206.45 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168928BS



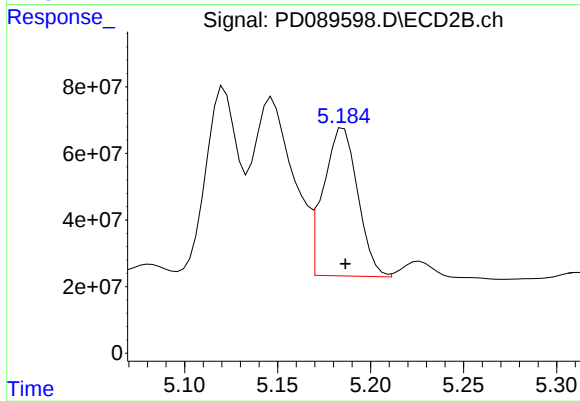
#25 Chlordane-3

R.T.: 5.121 min  
Delta R.T.: 0.000 min  
Response: 658500244  
Conc: 228.09 ng/ml



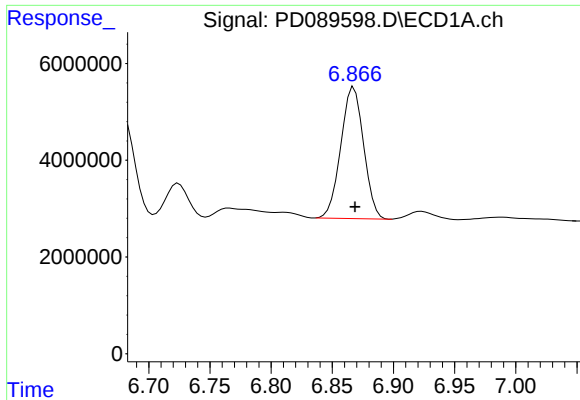
#26 Chlordane-4

R.T.: 6.029 min  
Delta R.T.: 0.000 min  
Response: 201403856  
Conc: 212.17 ng/ml



#26 Chlordane-4

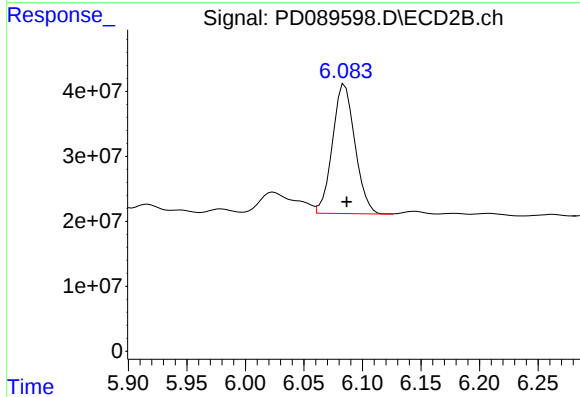
R.T.: 5.186 min  
Delta R.T.: 0.000 min  
Response: 571107370  
Conc: 236.76 ng/ml



#27 Chlordane-5

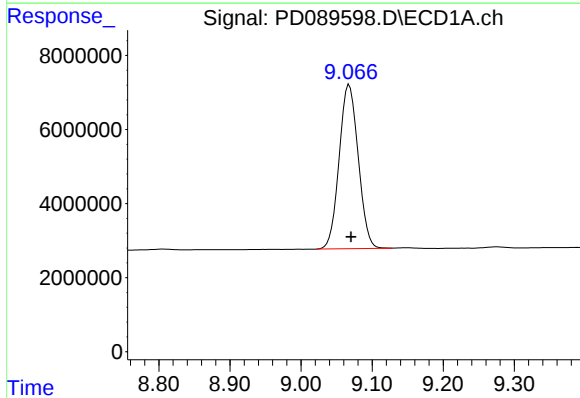
R.T.: 6.868 min  
Delta R.T.: 0.000 min  
Response: 35226411  
Conc: 213.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB168928BS



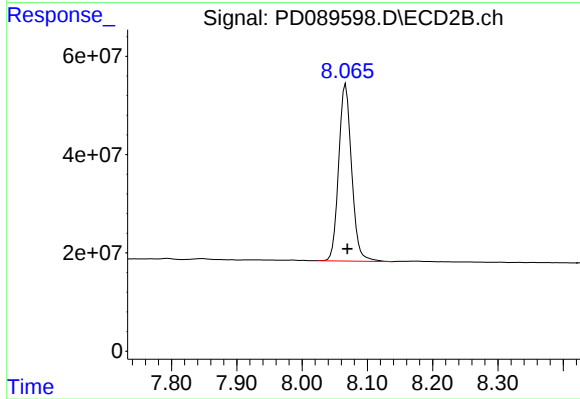
#27 Chlordane-5

R.T.: 6.085 min  
Delta R.T.: -0.002 min  
Response: 266676549  
Conc: 228.23 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min  
Delta R.T.: -0.003 min  
Response: 82579624  
Conc: 20.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.067 min  
Delta R.T.: -0.003 min  
Response: 496165833  
Conc: 20.20 ng/ml