

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070725\  
 Data File : PD089362.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 07 Jul 2025 18:23  
 Operator : AR\AJ  
 Sample : Q2514-01MSD  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 TP-92MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 08 02:26:43 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:39:05 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... | 3.550  | 2.881 | 54938373 | 624.6E6  | 19.255   | 36.843 #  |
| 28)                         | SA Decachlor... | 9.071  | 8.070 | 54539068 | 214.0E6  | 13.886   | 10.825    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.999  | 3.393 | 251.1E6  | 1574.4E6 | 43.077   | 58.752 #  |
| 3)                          | MA gamma-BHC... | 4.330  | 3.729 | 239.5E6  | 1139.2E6 | 42.907   | 46.014    |
| 4)                          | MA Heptachlor   | 4.929  | 4.082 | 233.5E6  | 1145.9E6 | 42.827   | 45.767    |
| 5)                          | MB Aldrin       | 5.270  | 4.368 | 219.4E6  | 1104.5E6 | 41.287   | 45.608    |
| 6)                          | B beta-BHC      | 4.515  | 4.024 | 91390303 | 499.1E6  | 41.407   | 46.440    |
| 7)                          | B delta-BHC     | 4.764  | 4.261 | 237.5E6  | 1133.0E6 | 46.263   | 45.550    |
| 8)                          | B Heptachlo...  | 5.690  | 4.871 | 186.3E6  | 1014.5E6 | 38.624   | 46.327    |
| 9)                          | A Endosulfan I  | 6.073  | 5.245 | 172.0E6  | 925.9E6  | 38.154   | 44.424    |
| 10)                         | B gamma-Chl...  | 5.945  | 5.124 | 184.8E6  | 1050.1E6 | 38.603   | 43.896    |
| 11)                         | B alpha-Chl...  | 6.026  | 5.188 | 184.6E6  | 1000.5E6 | 38.149   | 43.696    |
| 12)                         | B 4,4'-DDE      | 6.195  | 5.373 | 160.6E6  | 971.9E6  | 36.817   | 42.411    |
| 13)                         | MA Dieldrin     | 6.346  | 5.511 | 174.5E6  | 932.4E6  | 36.378   | 40.173    |
| 14)                         | MA Endrin       | 6.573  | 5.788 | 151.5E6  | 842.9E6  | 36.720   | 38.818    |
| 15)                         | B Endosulfa...  | 6.785  | 6.079 | 140.6E6  | 738.1E6  | 34.838   | 36.543    |
| 16)                         | A 4,4'-DDD      | 6.704  | 5.928 | 120.8E6  | 688.2E6  | 35.208   | 35.979    |
| 17)                         | MA 4,4'-DDT     | 7.020  | 6.182 | 127.0E6  | 743.9E6  | 33.524   | 36.683    |
| 18)                         | B Endrin al...  | 6.914  | 6.258 | 108.8E6  | 548.4E6  | 35.525   | 35.816    |
| 19)                         | B Endosulfa...  | 7.148  | 6.481 | 127.2E6  | 701.2E6  | 33.151   | 35.736    |
| 20)                         | A Methoxychlor  | 7.492  | 6.753 | 64030454 | 366.7E6  | 31.688   | 34.051    |
| 21)                         | B Endrin ke...  | 7.629  | 6.990 | 134.5E6  | 691.6E6  | 33.021   | 32.014    |
| 22)                         | Mirex           | 8.112  | 7.183 | 96816310 | 499.8E6  | 31.846   | 29.967    |
| 23)                         | Chlordane-1     | 4.688f | 3.902 | 1979362  | 8485472  | 9.248    | 9.102     |
| 24)                         | Chlordane-2     | 5.270f | 4.506 | 219.4E6  | 22575370 | 1004.772 | 23.723 #  |
| 25)                         | Chlordane-3     | 5.945  | 5.124 | 184.8E6  | 1050.1E6 | 214.305  | 353.547 # |
| 26)                         | Chlordane-4     | 6.026  | 5.188 | 184.6E6  | 1000.5E6 | 175.678  | 399.127 # |
| 27)                         | Chlordane-5     | 0.000  | 6.079 | 0        | 738.1E6  | N.D.     | 652.187 # |
| -----                       |                 |        |       |          |          |          |           |

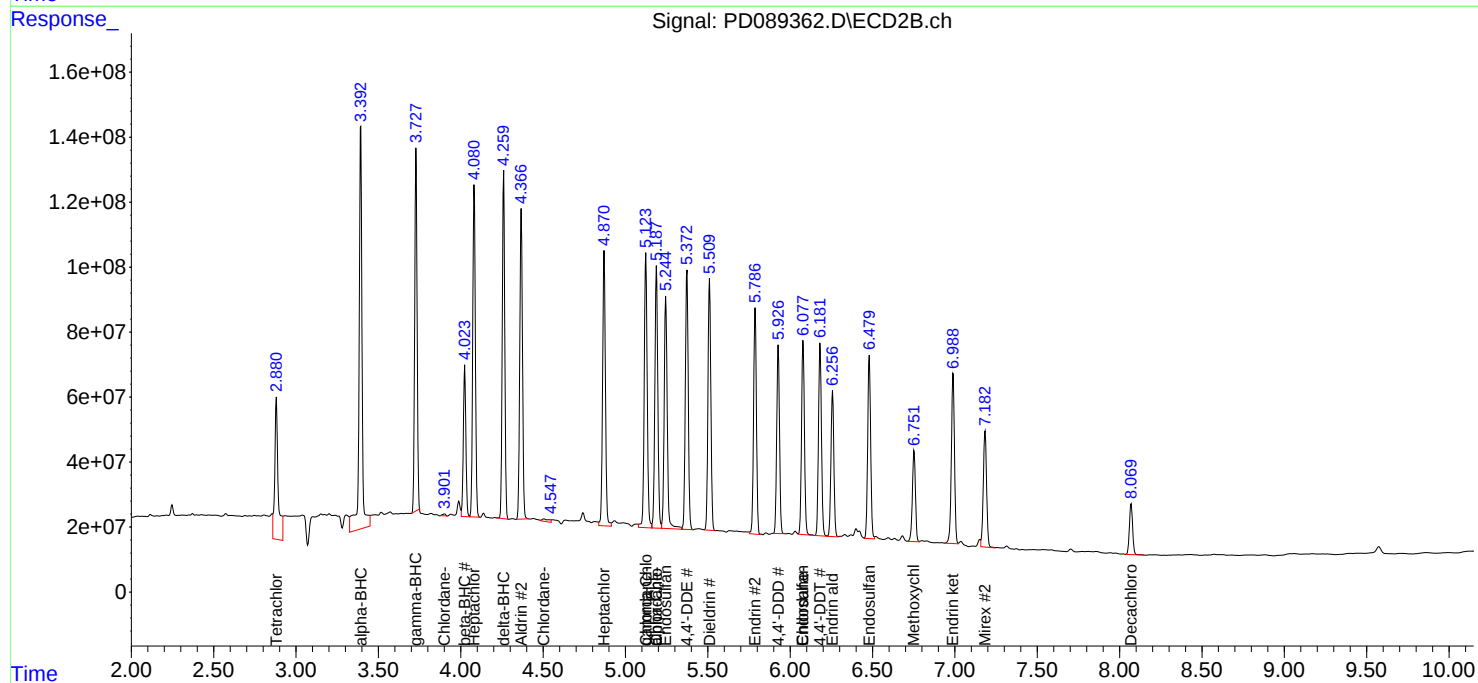
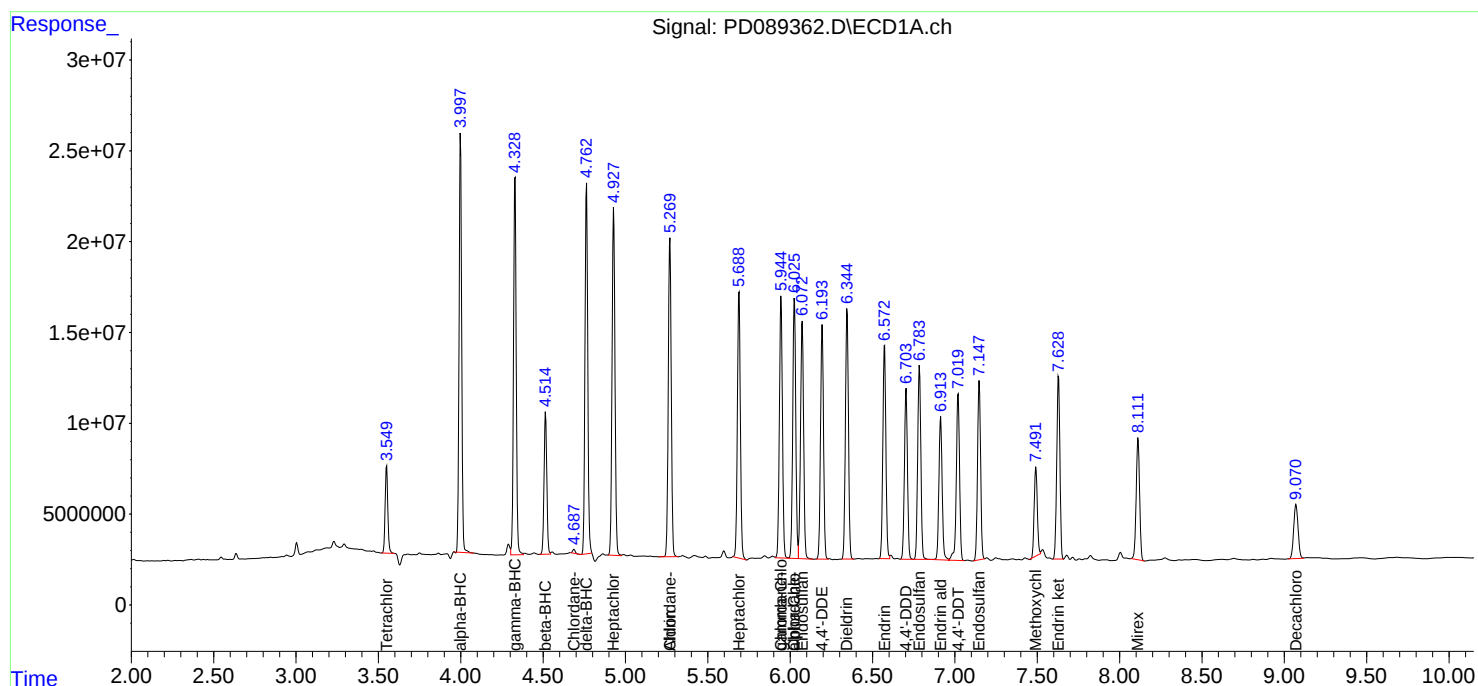
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

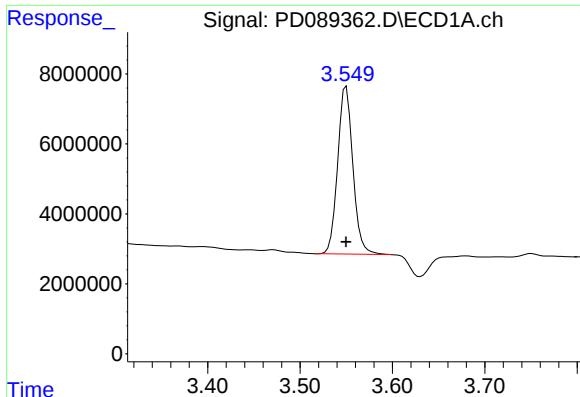
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070725\  
Data File : PD089362.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 07 Jul 2025 18:23  
Operator : AR\AJ  
Sample : Q2514-01MSD  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :  
TP-92MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 08 02:26:43 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
Quant Title : GC Extractables  
QLast Update : Wed Jun 18 05:39:05 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

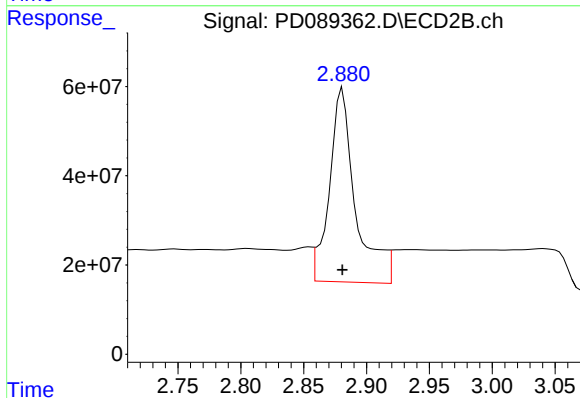




#1 Tetrachloro-m-xylene

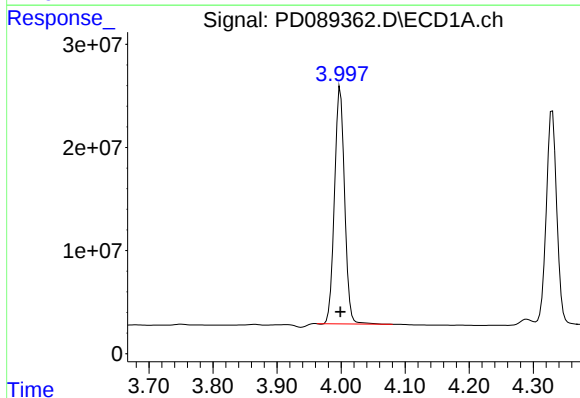
R.T.: 3.550 min  
Delta R.T.: 0.000 min  
Response: 54938373  
Conc: 19.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-92MSD



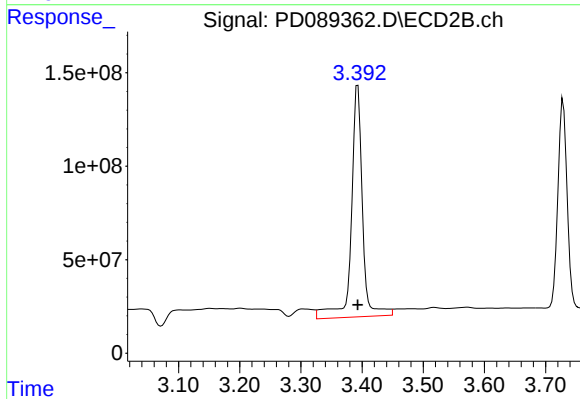
#1 Tetrachloro-m-xylene

R.T.: 2.881 min  
Delta R.T.: 0.000 min  
Response: 624608543  
Conc: 36.84 ng/ml



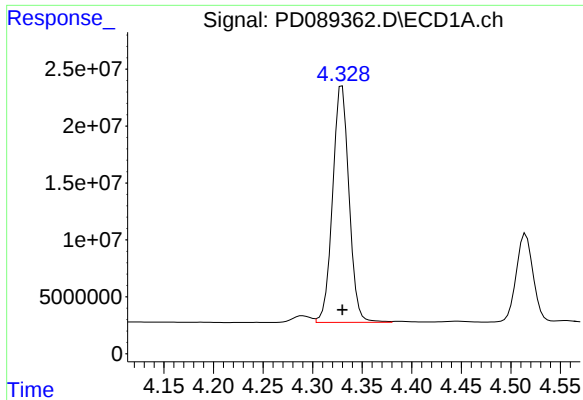
#2 alpha-BHC

R.T.: 3.999 min  
Delta R.T.: 0.000 min  
Response: 251101486  
Conc: 43.08 ng/ml



#2 alpha-BHC

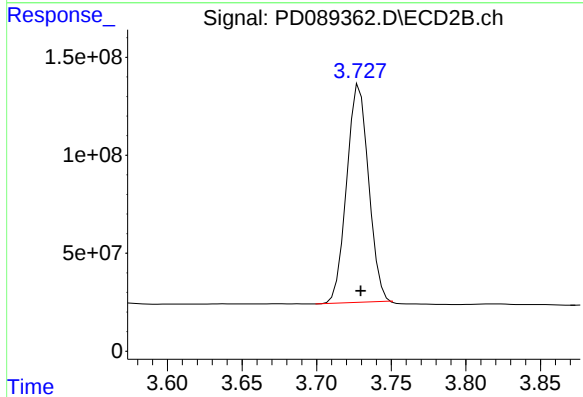
R.T.: 3.393 min  
Delta R.T.: 0.000 min  
Response: 1574383516  
Conc: 58.75 ng/ml



#3 gamma-BHC (Lindane)

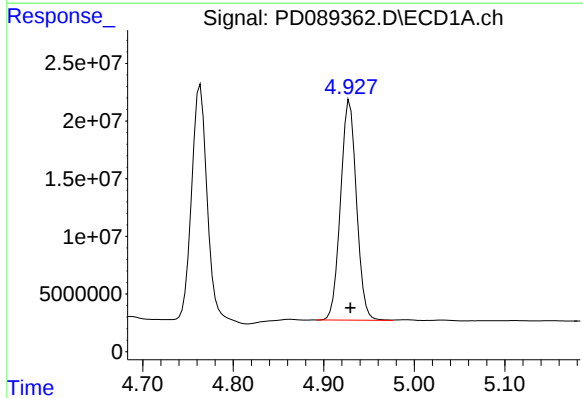
R.T.: 4.330 min  
Delta R.T.: 0.000 min  
Response: 239492302  
Conc: 42.91 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-92MSD



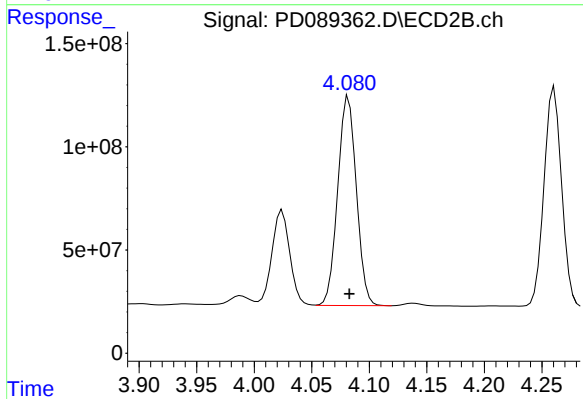
#3 gamma-BHC (Lindane)

R.T.: 3.729 min  
Delta R.T.: 0.000 min  
Response: 1139164187  
Conc: 46.01 ng/ml



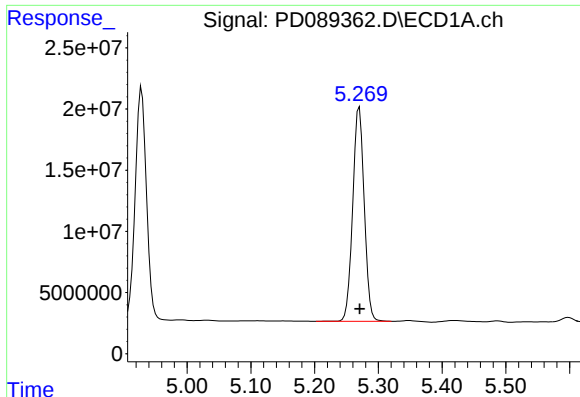
#4 Heptachlor

R.T.: 4.929 min  
Delta R.T.: 0.000 min  
Response: 233490483  
Conc: 42.83 ng/ml



#4 Heptachlor

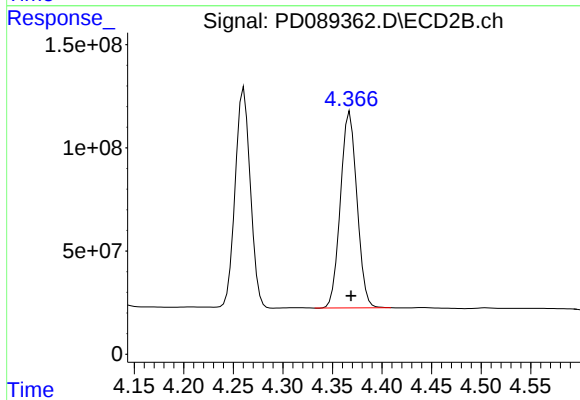
R.T.: 4.082 min  
Delta R.T.: 0.000 min  
Response: 1145937035  
Conc: 45.77 ng/ml



#5 Aldrin

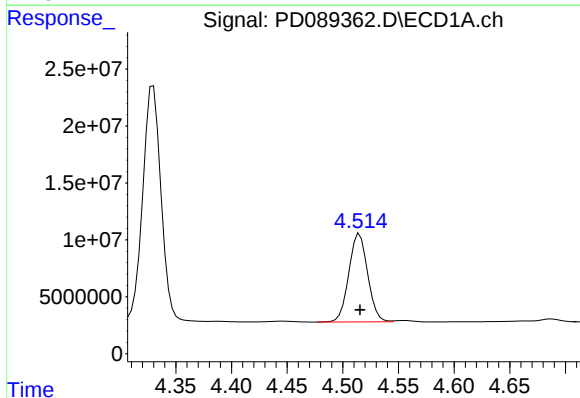
R.T.: 5.270 min  
Delta R.T.: 0.000 min  
Response: 219355616  
Conc: 41.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-92MSD



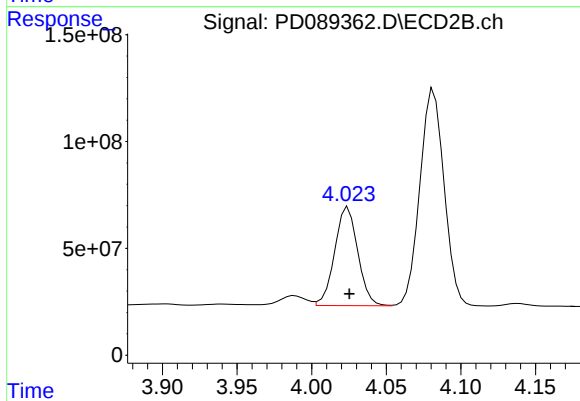
#5 Aldrin

R.T.: 4.368 min  
Delta R.T.: -0.001 min  
Response: 1104510353  
Conc: 45.61 ng/ml



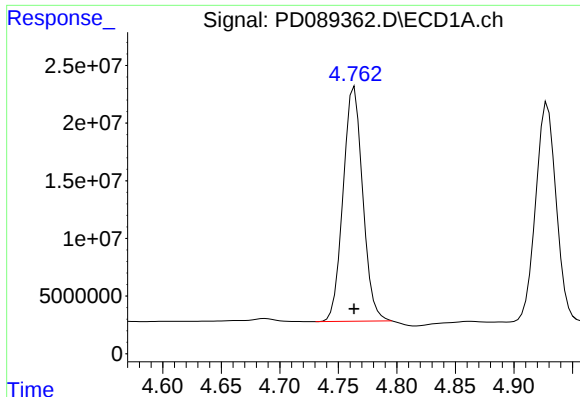
#6 beta-BHC

R.T.: 4.515 min  
Delta R.T.: 0.000 min  
Response: 91390303  
Conc: 41.41 ng/ml



#6 beta-BHC

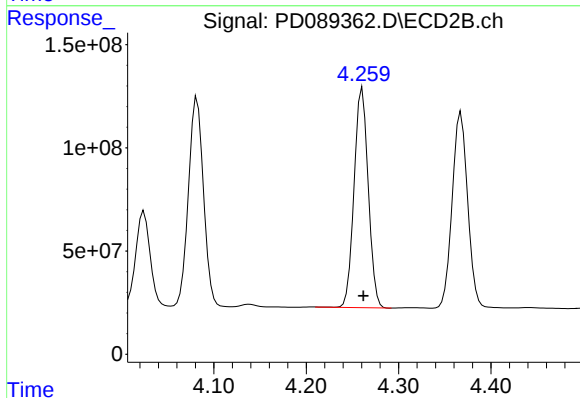
R.T.: 4.024 min  
Delta R.T.: -0.001 min  
Response: 499058163  
Conc: 46.44 ng/ml



#7 delta-BHC

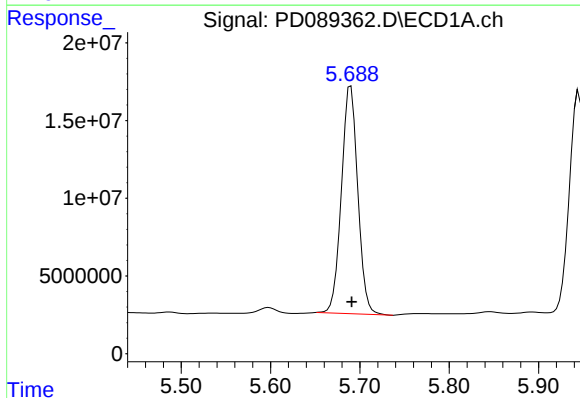
R.T.: 4.764 min  
Delta R.T.: 0.000 min  
Response: 237462655  
Conc: 46.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-92MSD



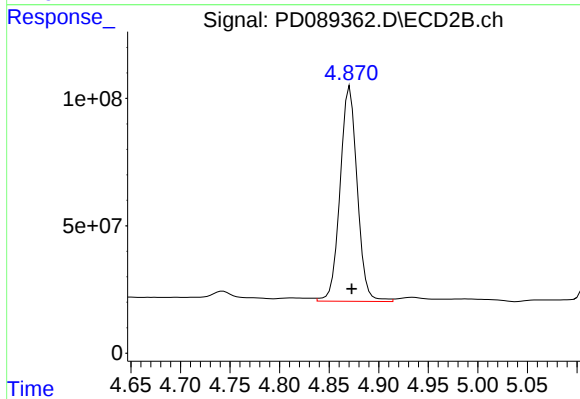
#7 delta-BHC

R.T.: 4.261 min  
Delta R.T.: -0.001 min  
Response: 1133004725  
Conc: 45.55 ng/ml



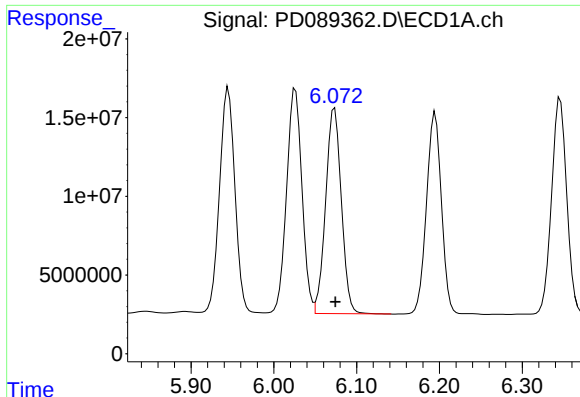
#8 Heptachlor epoxide

R.T.: 5.690 min  
Delta R.T.: -0.001 min  
Response: 186317750  
Conc: 38.62 ng/ml



#8 Heptachlor epoxide

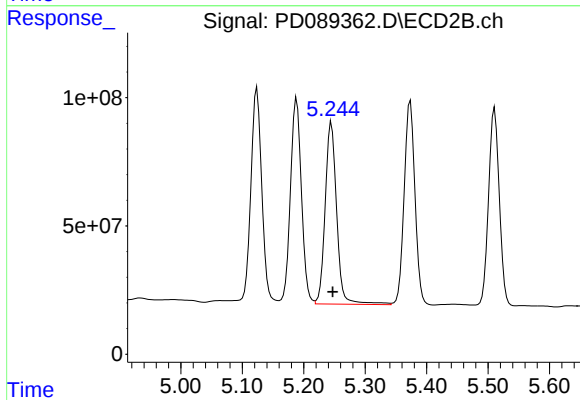
R.T.: 4.871 min  
Delta R.T.: -0.002 min  
Response: 1014471613  
Conc: 46.33 ng/ml



#9 Endosulfan I

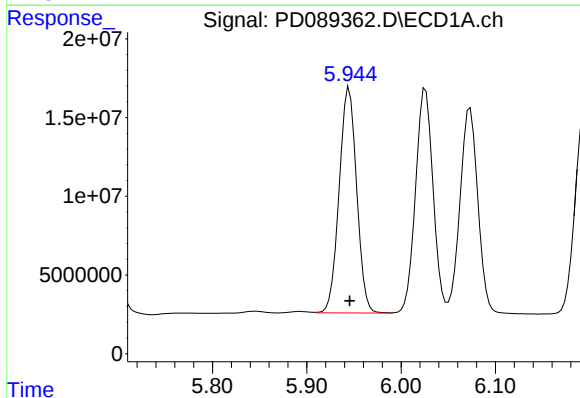
R.T.: 6.073 min  
Delta R.T.: 0.000 min  
Response: 171975109  
Conc: 38.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-92MSD



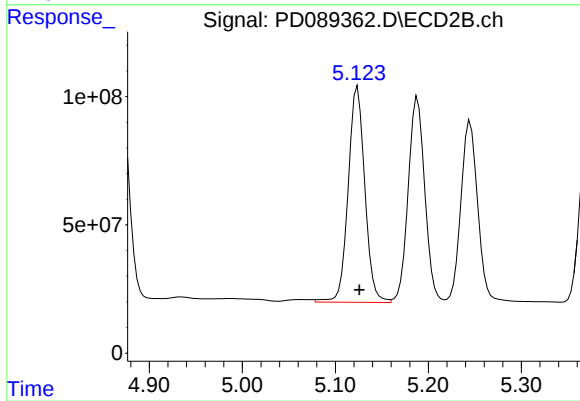
#9 Endosulfan I

R.T.: 5.245 min  
Delta R.T.: -0.002 min  
Response: 925901754  
Conc: 44.42 ng/ml



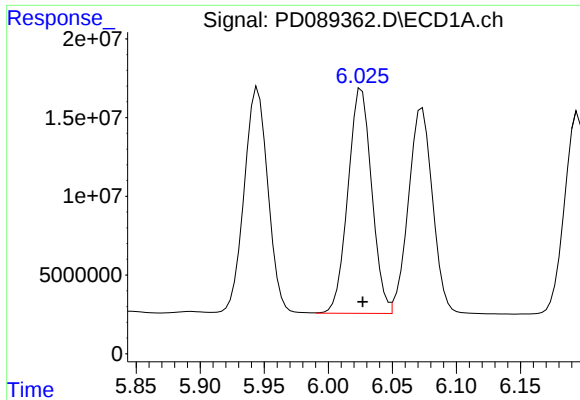
#10 gamma-Chlordane

R.T.: 5.945 min  
Delta R.T.: 0.000 min  
Response: 184834614  
Conc: 38.60 ng/ml



#10 gamma-Chlordane

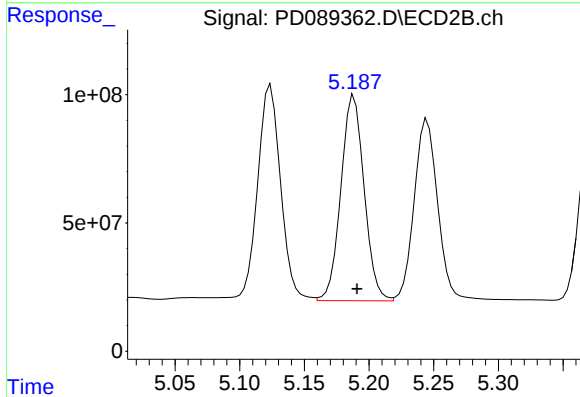
R.T.: 5.124 min  
Delta R.T.: -0.002 min  
Response: 1050106528  
Conc: 43.90 ng/ml



#11 alpha-Chlordane

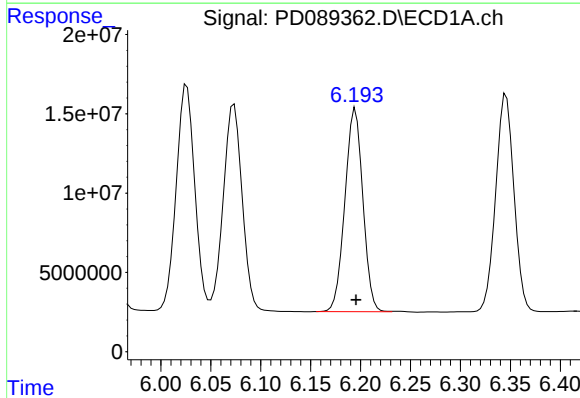
R.T.: 6.026 min  
Delta R.T.: 0.000 min  
Response: 184586032  
Conc: 38.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-92MSD



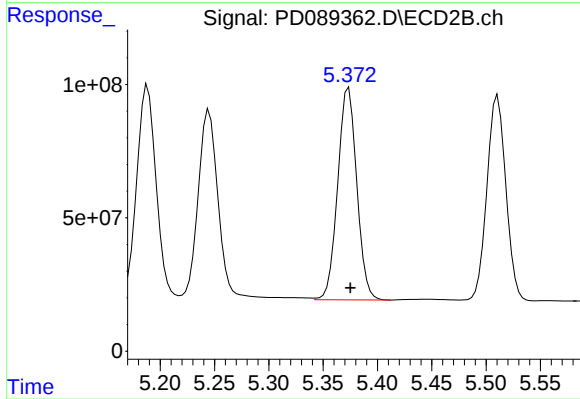
#11 alpha-Chlordane

R.T.: 5.188 min  
Delta R.T.: -0.002 min  
Response: 1000498609  
Conc: 43.70 ng/ml



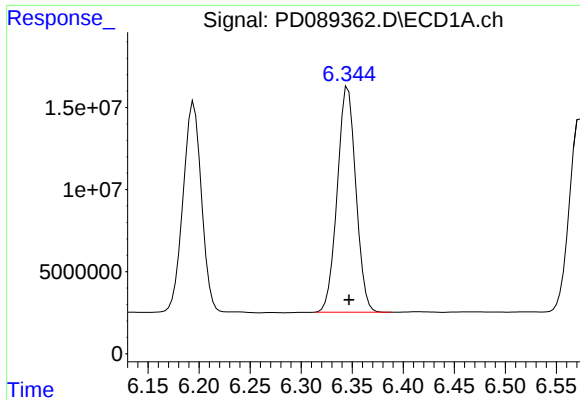
#12 4,4'-DDE

R.T.: 6.195 min  
Delta R.T.: 0.000 min  
Response: 160559458  
Conc: 36.82 ng/ml



#12 4,4'-DDE

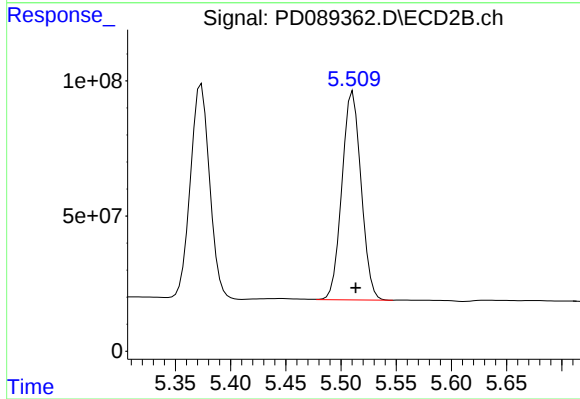
R.T.: 5.373 min  
Delta R.T.: -0.002 min  
Response: 971883581  
Conc: 42.41 ng/ml



#13 Dieldrin

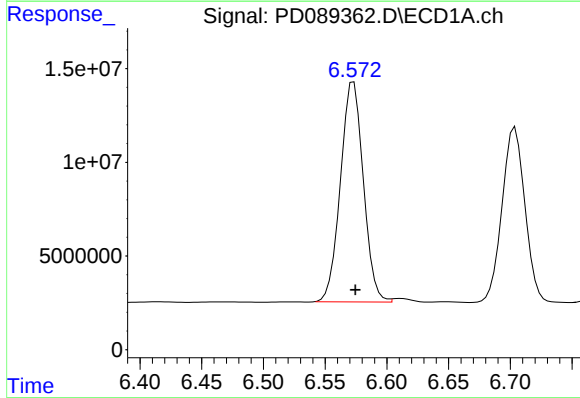
R.T.: 6.346 min  
Delta R.T.: -0.001 min  
Response: 174521794  
Conc: 36.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-92MSD



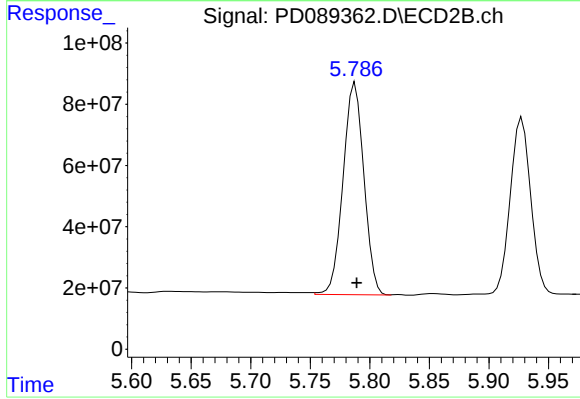
#13 Dieldrin

R.T.: 5.511 min  
Delta R.T.: -0.002 min  
Response: 932352727  
Conc: 40.17 ng/ml



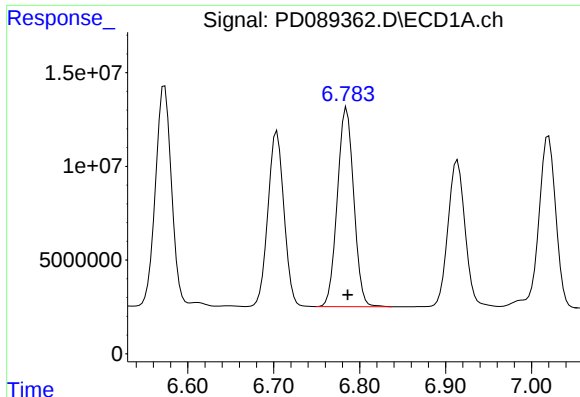
#14 Endrin

R.T.: 6.573 min  
Delta R.T.: -0.001 min  
Response: 151491455  
Conc: 36.72 ng/ml



#14 Endrin

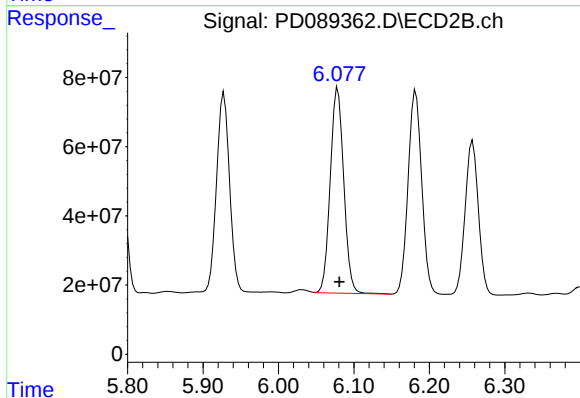
R.T.: 5.788 min  
Delta R.T.: -0.001 min  
Response: 842881953  
Conc: 38.82 ng/ml



#15 Endosulfan II

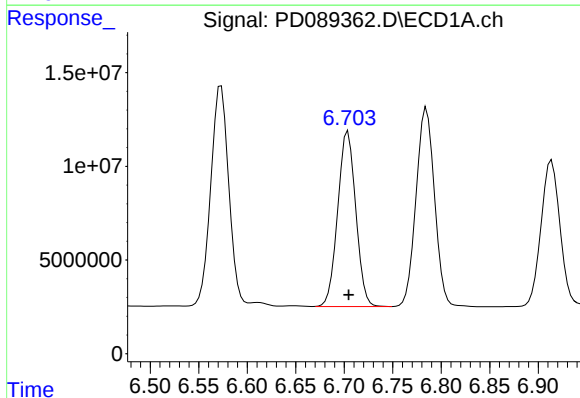
R.T.: 6.785 min  
Delta R.T.: -0.001 min  
Response: 140626573  
Conc: 34.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-92MSD



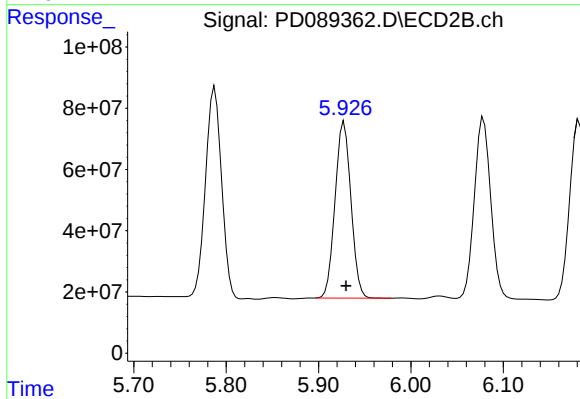
#15 Endosulfan II

R.T.: 6.079 min  
Delta R.T.: -0.002 min  
Response: 738054981  
Conc: 36.54 ng/ml



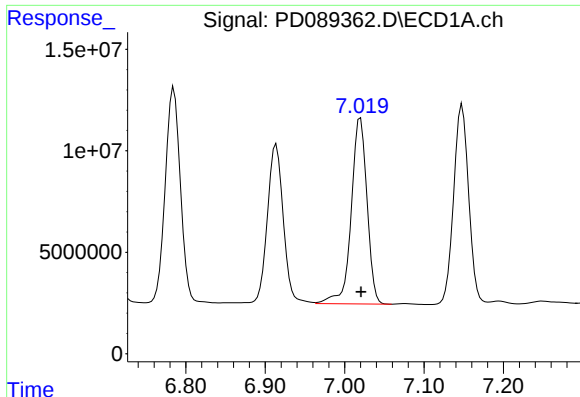
#16 4,4'-DDD

R.T.: 6.704 min  
Delta R.T.: 0.000 min  
Response: 120834225  
Conc: 35.21 ng/ml



#16 4,4'-DDD

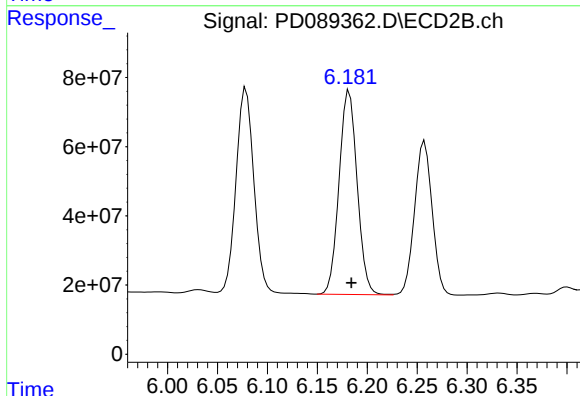
R.T.: 5.928 min  
Delta R.T.: -0.002 min  
Response: 688246676  
Conc: 35.98 ng/ml



#17 4,4'-DDT

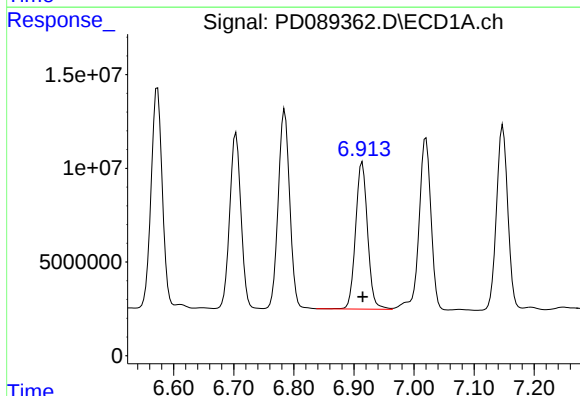
R.T.: 7.020 min  
Delta R.T.: 0.000 min  
Response: 126996927  
Conc: 33.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-92MSD



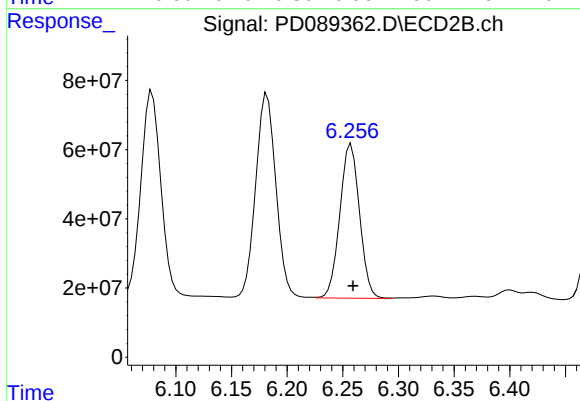
#17 4,4'-DDT

R.T.: 6.182 min  
Delta R.T.: -0.002 min  
Response: 743899648  
Conc: 36.68 ng/ml



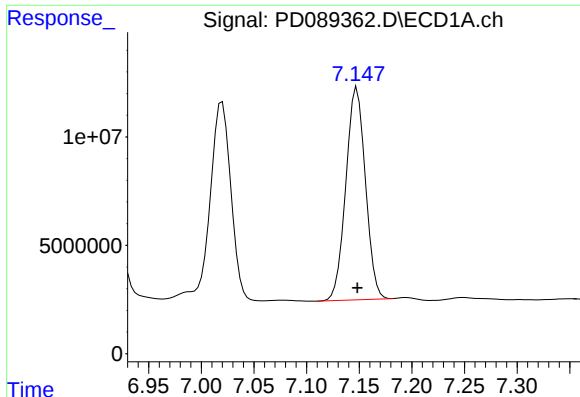
#18 Endrin aldehyde

R.T.: 6.914 min  
Delta R.T.: 0.000 min  
Response: 108847695  
Conc: 35.53 ng/ml



#18 Endrin aldehyde

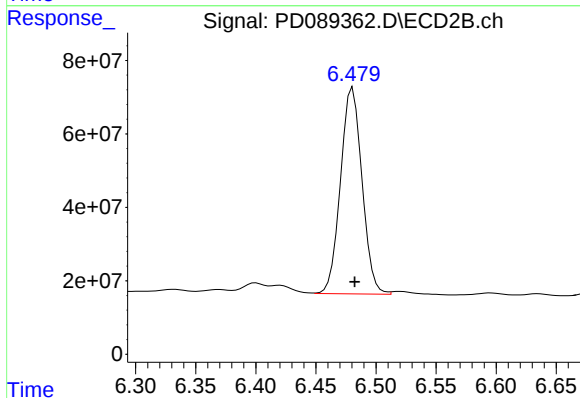
R.T.: 6.258 min  
Delta R.T.: -0.002 min  
Response: 548387452  
Conc: 35.82 ng/ml



#19 Endosulfan Sulfate

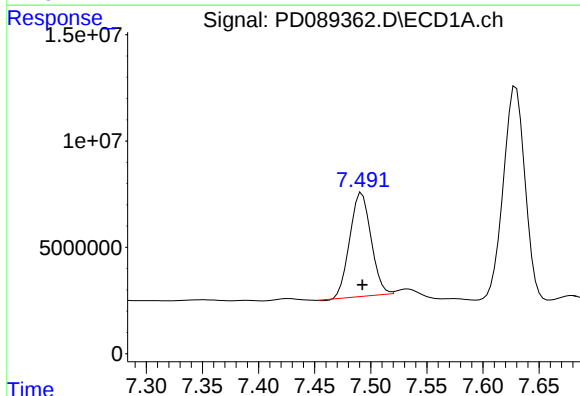
R.T.: 7.148 min  
Delta R.T.: 0.000 min  
Response: 127206707  
Conc: 33.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-92MSD



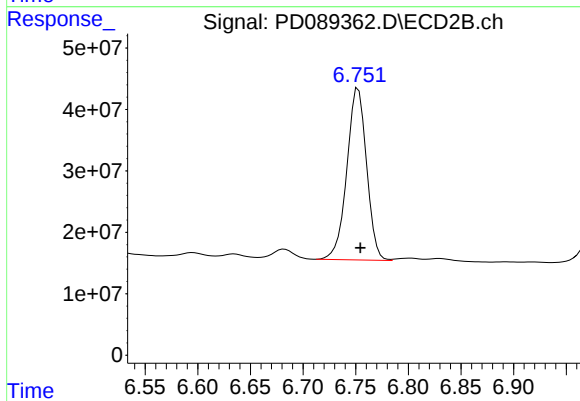
#19 Endosulfan Sulfate

R.T.: 6.481 min  
Delta R.T.: -0.002 min  
Response: 701175457  
Conc: 35.74 ng/ml



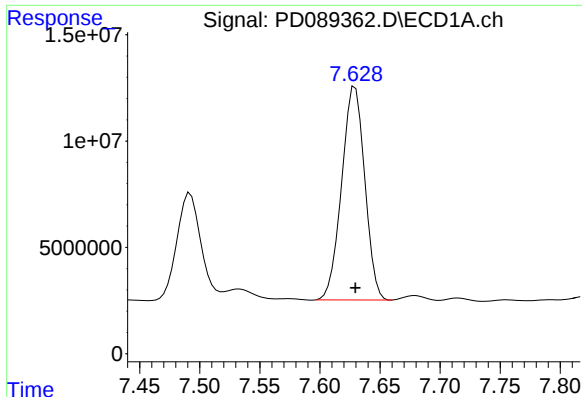
#20 Methoxychlor

R.T.: 7.492 min  
Delta R.T.: 0.000 min  
Response: 64030454  
Conc: 31.69 ng/ml



#20 Methoxychlor

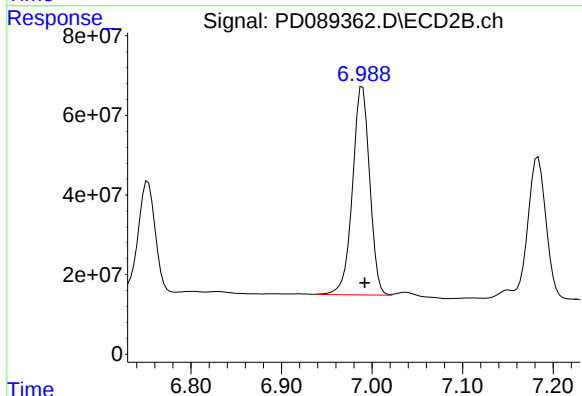
R.T.: 6.753 min  
Delta R.T.: -0.002 min  
Response: 366660379  
Conc: 34.05 ng/ml



#21 Endrin ketone

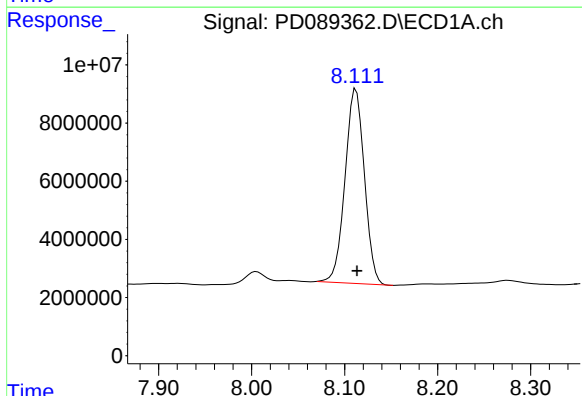
R.T.: 7.629 min  
Delta R.T.: 0.000 min  
Response: 134496571  
Conc: 33.02 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-92MSD



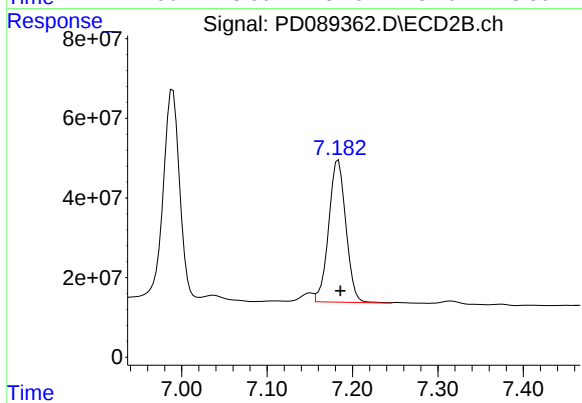
#21 Endrin ketone

R.T.: 6.990 min  
Delta R.T.: -0.003 min  
Response: 691566449  
Conc: 32.01 ng/ml



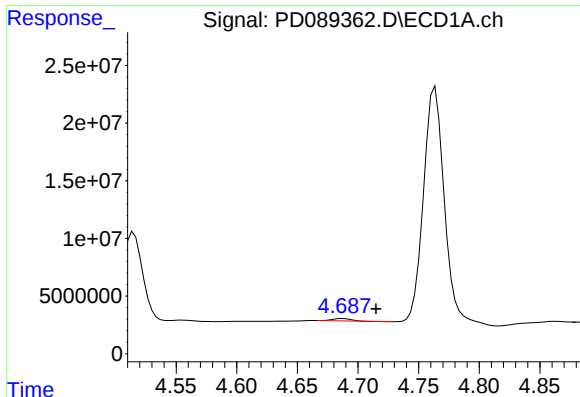
#22 Mirex

R.T.: 8.112 min  
Delta R.T.: -0.001 min  
Response: 96816310  
Conc: 31.85 ng/ml



#22 Mirex

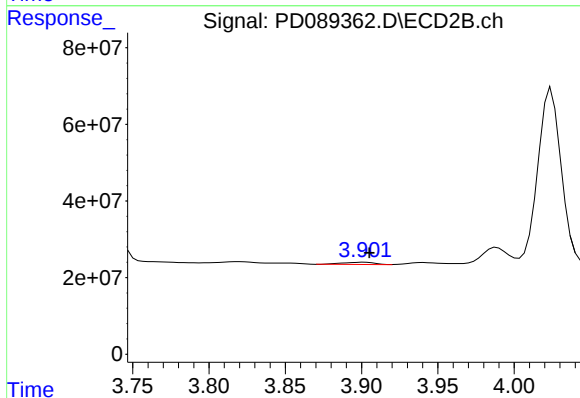
R.T.: 7.183 min  
Delta R.T.: -0.002 min  
Response: 499790617  
Conc: 29.97 ng/ml



#23 Chlordane-1

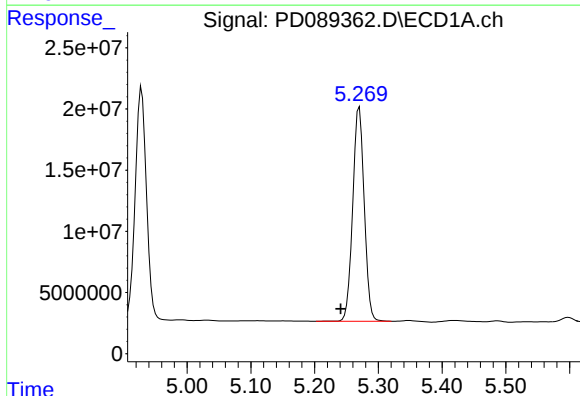
R.T.: 4.688 min  
Delta R.T.: -0.027 min  
Response: 1979362  
Conc: 9.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-92MSD



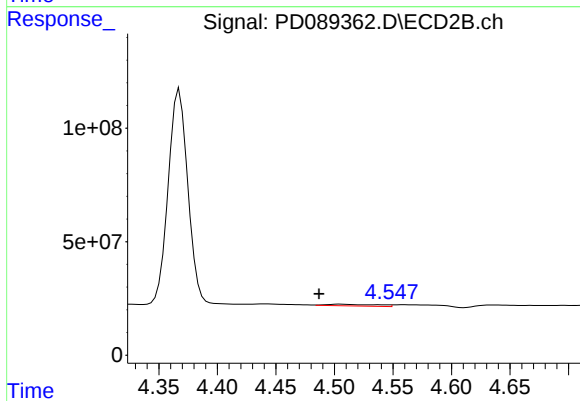
#23 Chlordane-1

R.T.: 3.902 min  
Delta R.T.: -0.003 min  
Response: 8485472  
Conc: 9.10 ng/ml



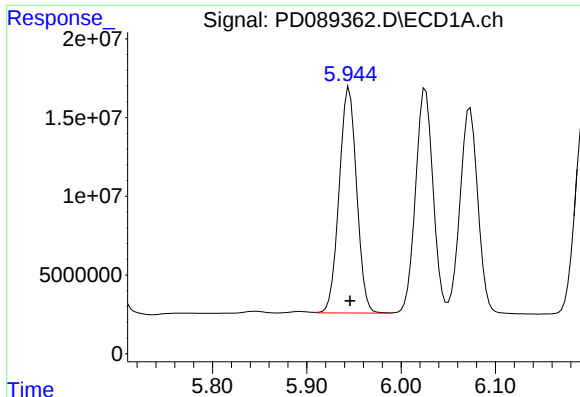
#24 Chlordane-2

R.T.: 5.270 min  
Delta R.T.: 0.029 min  
Response: 219355616  
Conc: 1004.77 ng/ml



#24 Chlordane-2

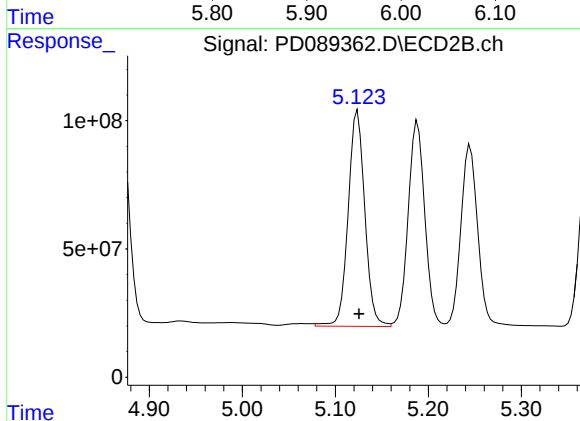
R.T.: 4.506 min  
Delta R.T.: 0.019 min  
Response: 22575370  
Conc: 23.72 ng/ml



#25 Chlordane-3

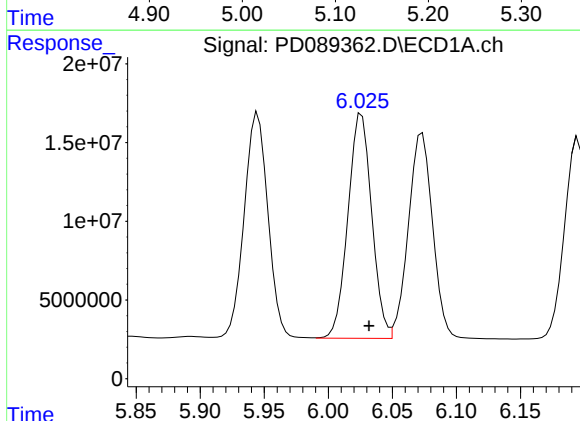
R.T.: 5.945 min  
Delta R.T.: 0.000 min  
Response: 184834614  
Conc: 214.31 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
TP-92MSD



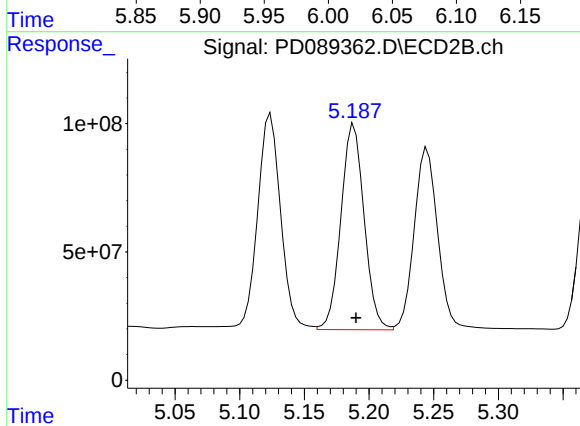
#25 Chlordane-3

R.T.: 5.124 min  
Delta R.T.: -0.002 min  
Response: 1050106528  
Conc: 353.55 ng/ml



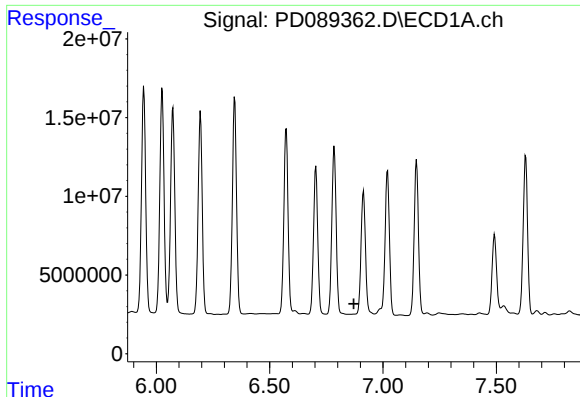
#26 Chlordane-4

R.T.: 6.026 min  
Delta R.T.: -0.006 min  
Response: 184586032  
Conc: 175.68 ng/ml



#26 Chlordane-4

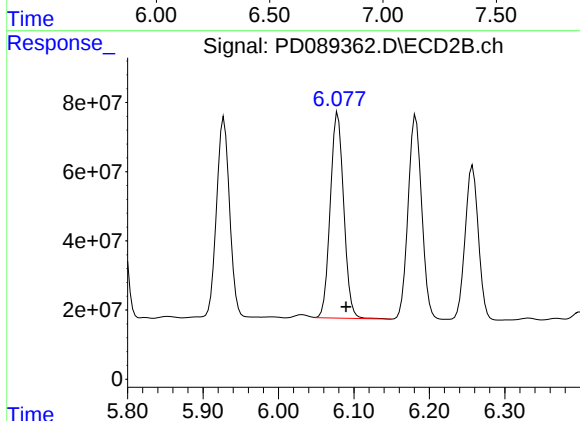
R.T.: 5.188 min  
Delta R.T.: -0.001 min  
Response: 1000498609  
Conc: 399.13 ng/ml



#27 Chlordane-5

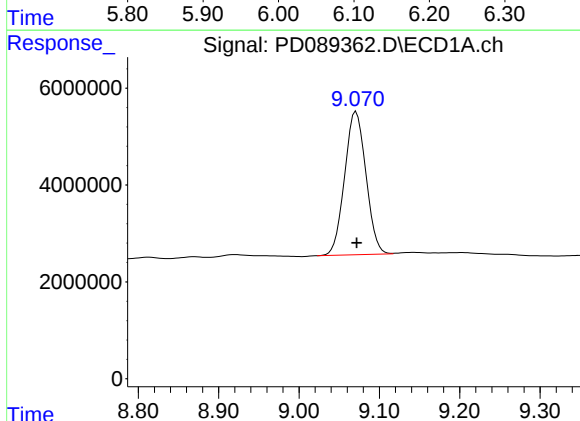
R.T.: 0.000 min  
Exp R.T.: 6.871 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :  
TP-92MSD



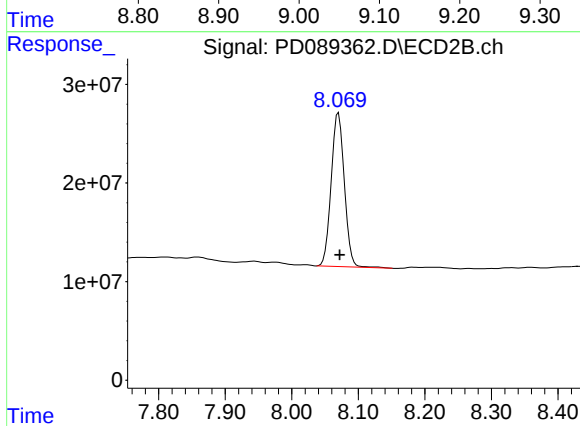
#27 Chlordane-5

R.T.: 6.079 min  
Delta R.T.: -0.011 min  
Response: 738054981  
Conc: 652.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min  
Delta R.T.: 0.000 min  
Response: 54539068  
Conc: 13.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.070 min  
Delta R.T.: -0.002 min  
Response: 214011977  
Conc: 10.83 ng/ml