

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092925\  
 Data File : PD090439.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Sep 2025 21:43  
 Operator : AR\AJ  
 Sample : Q3181-03MSD  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 30 02:35:03 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD091825.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 19 05:52:38 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... | 3.545  | 2.876  | 52424057 | 555.7E6  | 16.128   | 20.244 #  |
| 28)                         | SA Decachlor... | 9.063  | 8.061  | 72499501 | 473.8E6  | 15.026   | 14.617    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.994  | 3.387  | 256.4E6  | 1551.7E6 | 36.711   | 35.440    |
| 3)                          | MA gamma-BHC... | 4.325  | 3.723  | 227.9E6  | 1436.0E6 | 34.438   | 35.251    |
| 4)                          | MA Heptachlor   | 4.923  | 4.075  | 241.7E6  | 1462.2E6 | 36.546   | 35.911    |
| 5)                          | MB Aldrin       | 5.264  | 4.361  | 225.7E6  | 1383.2E6 | 35.540   | 34.637    |
| 6)                          | B beta-BHC      | 4.512  | 4.019  | 85415709 | 658.1E6  | 33.108   | 37.963    |
| 7)                          | B delta-BHC     | 4.760  | 4.255  | 3200259  | 1480.9E6 | 0.496    | 35.862 #  |
| 8)                          | B Heptachlo...  | 5.684  | 4.865  | 208.4E6  | 1458.6E6 | 36.470   | 39.565    |
| 9)                          | A Endosulfan I  | 6.068  | 5.239  | 176.2E6  | 1252.2E6 | 32.615   | 36.184    |
| 10)                         | B gamma-Chl...  | 5.939  | 5.117  | 202.1E6  | 1404.0E6 | 35.378   | 35.737    |
| 11)                         | B alpha-Chl...  | 6.020  | 5.182  | 166.4E6  | 1346.8E6 | 28.887   | 35.758    |
| 12)                         | B 4,4'-DDE      | 6.189  | 5.366  | 189.6E6  | 1364.2E6 | 36.405   | 35.637    |
| 13)                         | MA Dieldrin     | 6.340  | 5.504  | 217.7E6  | 1425.9E6 | 37.763   | 36.611    |
| 14)                         | MA Endrin       | 6.568  | 5.781  | 188.7E6  | 1316.5E6 | 38.553   | 36.741    |
| 15)                         | B Endosulfa...  | 6.780  | 6.072  | 188.9E6  | 1244.2E6 | 38.736   | 36.866    |
| 16)                         | A 4,4'-DDD      | 6.699  | 5.920  | 153.9E6  | 1168.9E6 | 37.552   | 36.045    |
| 17)                         | MA 4,4'-DDT     | 7.014  | 6.174  | 171.7E6  | 1256.0E6 | 38.569   | 36.534    |
| 18)                         | B Endrin al...  | 6.909  | 6.250  | 138.7E6  | 932.8E6  | 40.440   | 39.614    |
| 19)                         | B Endosulfa...  | 7.143  | 6.474  | 175.1E6  | 1212.1E6 | 38.060   | 37.077    |
| 20)                         | A Methoxychlor  | 7.487  | 6.745  | 89799011 | 650.8E6  | 38.107   | 37.404    |
| 21)                         | B Endrin ke...  | 7.624  | 6.982  | 187.9E6  | 1305.9E6 | 37.980   | 36.171    |
| 22)                         | Mirex           | 8.106  | 7.175  | 132.8E6  | 950.8E6  | 35.850   | 34.441    |
| 23)                         | Chlordane-1     | 0.000  | 3.904  | 0        | 69995469 | N.D.     | 58.160 #  |
| 24)                         | Chlordane-2     | 5.264f | 4.507f | 225.7E6  | 22168190 | 1051.653 | 17.728 #  |
| 25)                         | Chlordane-3     | 5.939  | 5.117  | 202.1E6  | 1404.0E6 | 241.423  | 370.383 # |
| 26)                         | Chlordane-4     | 6.020  | 5.182  | 166.4E6  | 1346.8E6 | 163.061  | 413.636 # |
| 27)                         | Chlordane-5     | 0.000  | 6.072  | 0        | 1244.2E6 | N.D.     | 819.869 # |
| -----                       |                 |        |        |          |          |          |           |

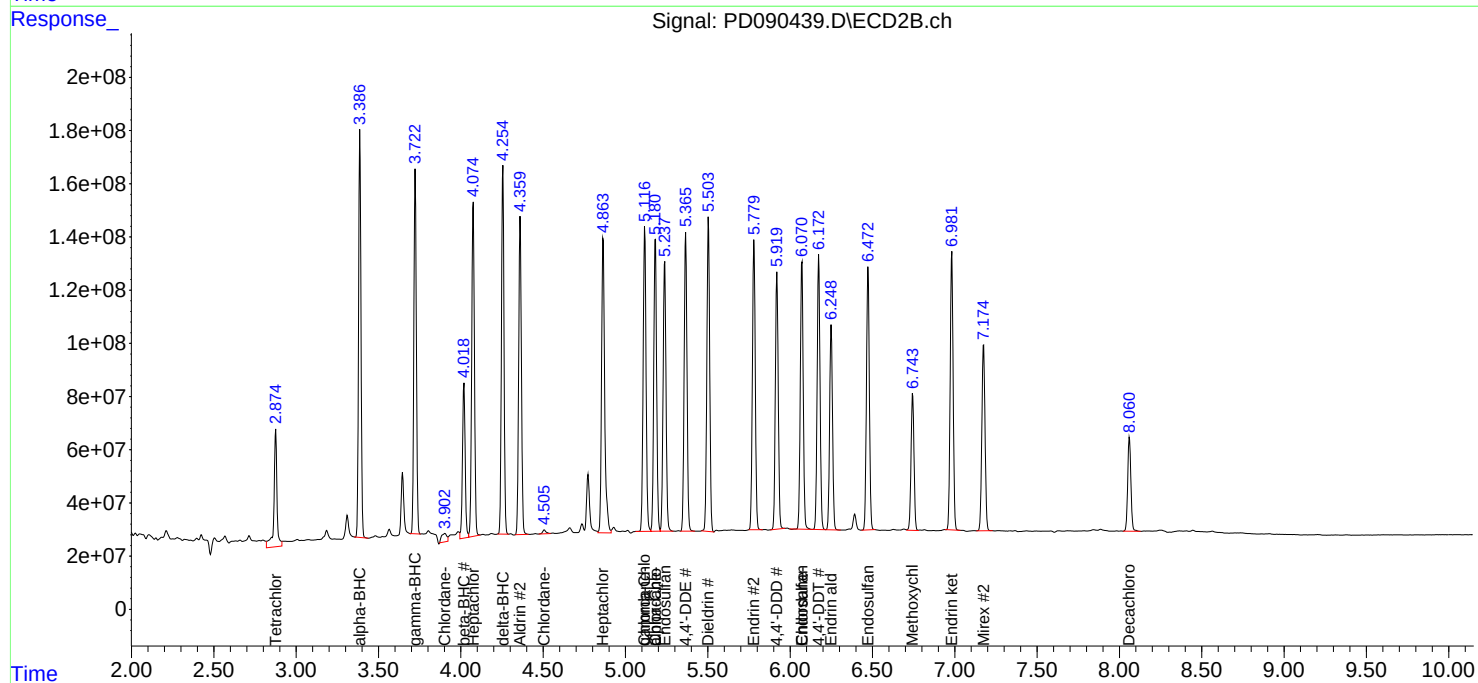
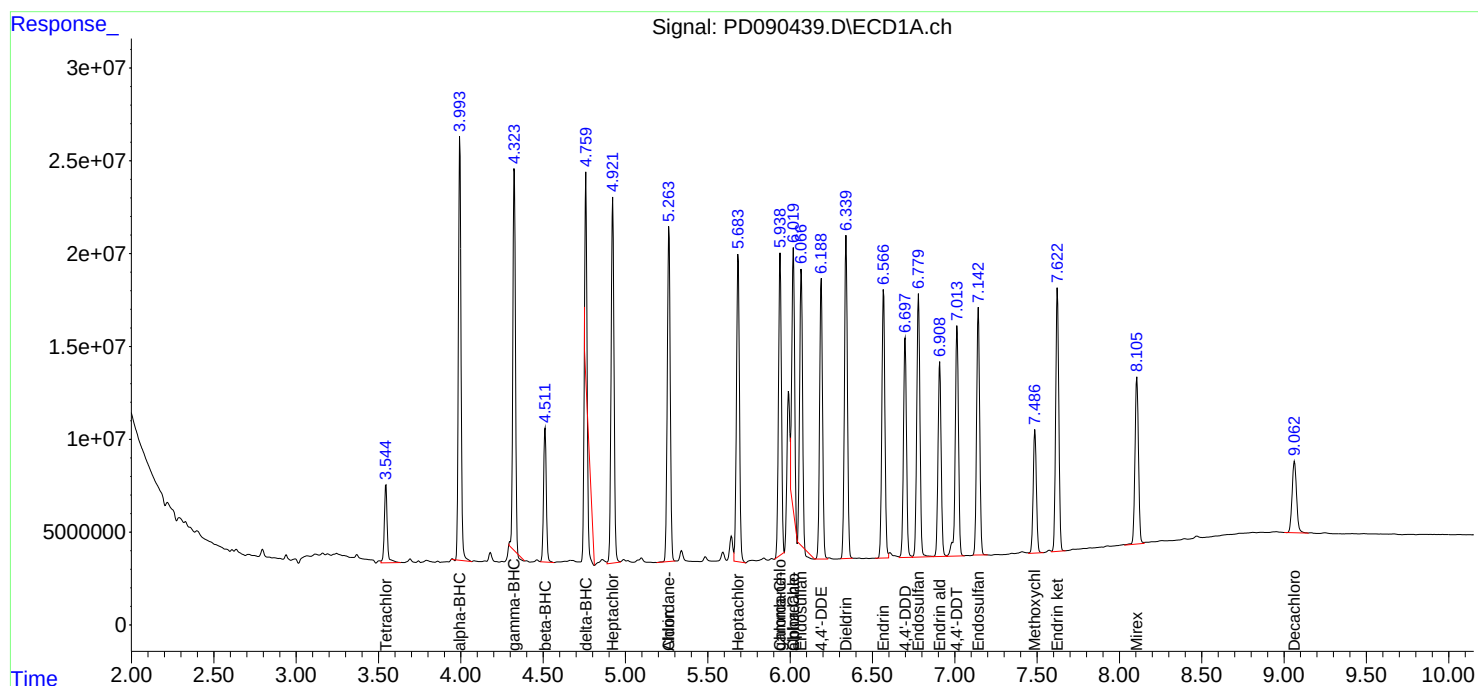
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

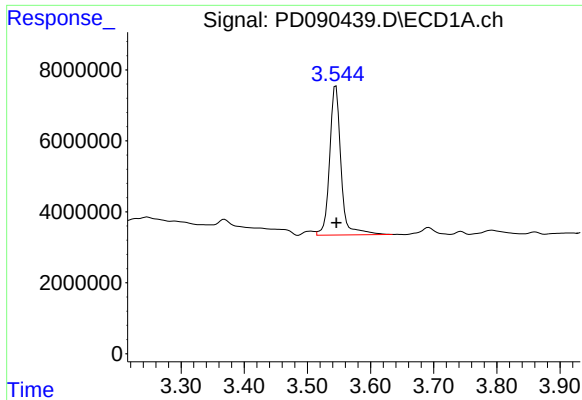
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD092925\  
Data File : PD090439.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Sep 2025 21:43  
Operator : AR\AJ  
Sample : Q3181-03MSD  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_D  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 30 02:35:03 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD091825.M  
Quant Title : GC Extractables  
QLast Update : Fri Sep 19 05:52:38 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

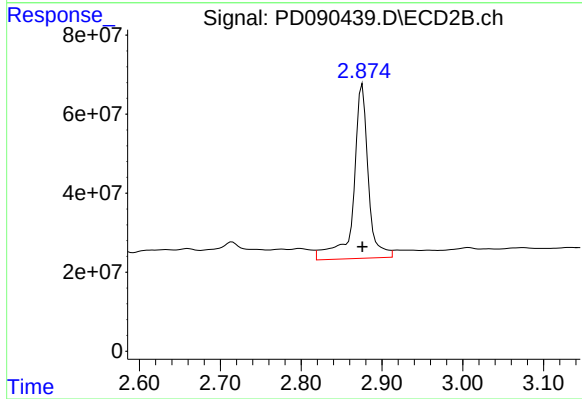




#1 Tetrachloro-m-xylene

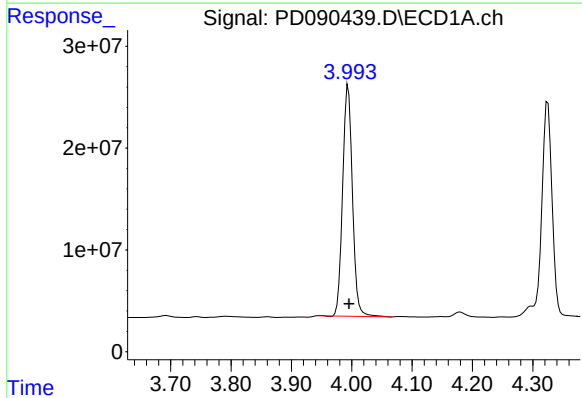
R.T.: 3.545 min  
Delta R.T.: 0.000 min  
Response: 52424057  
Conc: 16.13 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



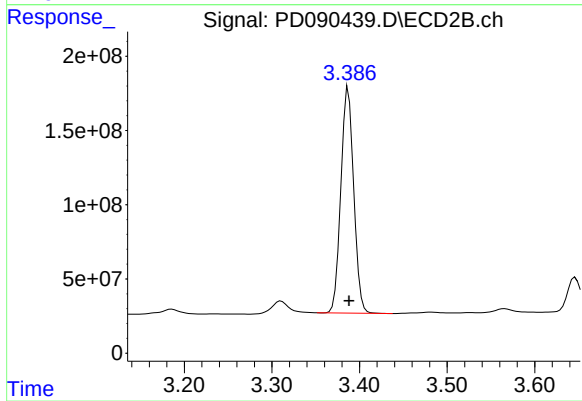
#1 Tetrachloro-m-xylene

R.T.: 2.876 min  
Delta R.T.: 0.000 min  
Response: 555689068  
Conc: 20.24 ng/ml



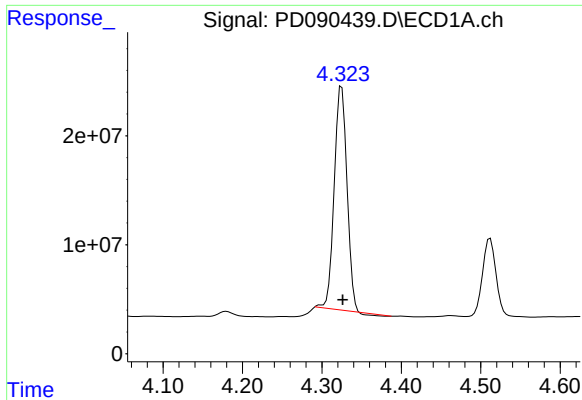
#2 alpha-BHC

R.T.: 3.994 min  
Delta R.T.: -0.001 min  
Response: 256408283  
Conc: 36.71 ng/ml



#2 alpha-BHC

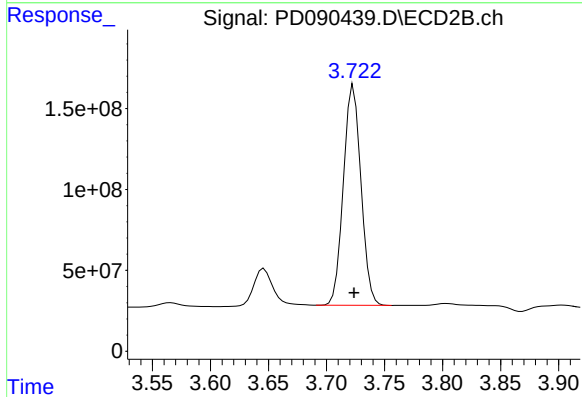
R.T.: 3.387 min  
Delta R.T.: 0.000 min  
Response: 1551674357  
Conc: 35.44 ng/ml



#3 gamma-BHC (Lindane)

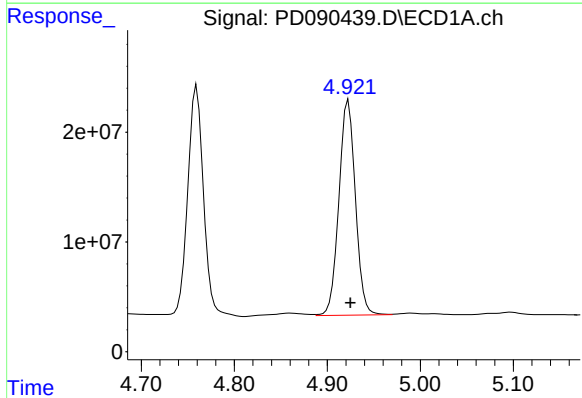
R.T.: 4.325 min  
Delta R.T.: -0.001 min  
Response: 227874307  
Conc: 34.44 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



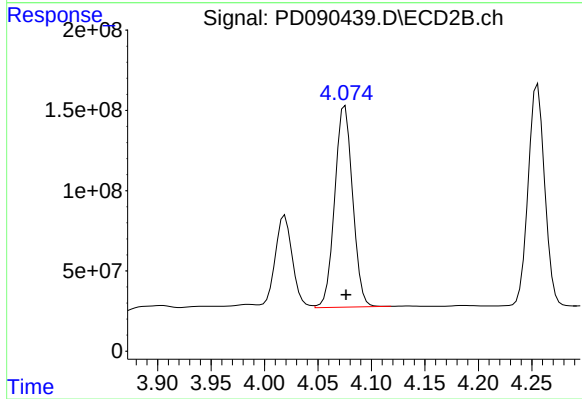
#3 gamma-BHC (Lindane)

R.T.: 3.723 min  
Delta R.T.: 0.000 min  
Response: 1435974443  
Conc: 35.25 ng/ml



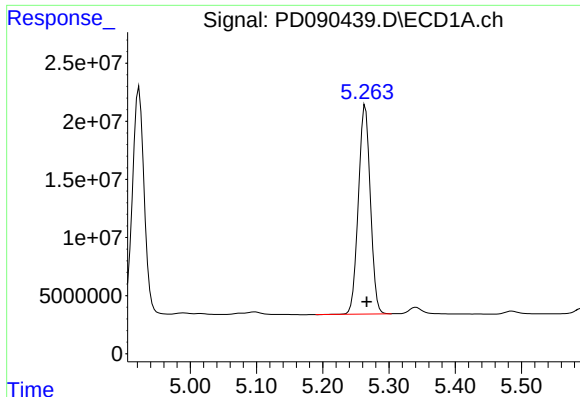
#4 Heptachlor

R.T.: 4.923 min  
Delta R.T.: -0.002 min  
Response: 241664001  
Conc: 36.55 ng/ml



#4 Heptachlor

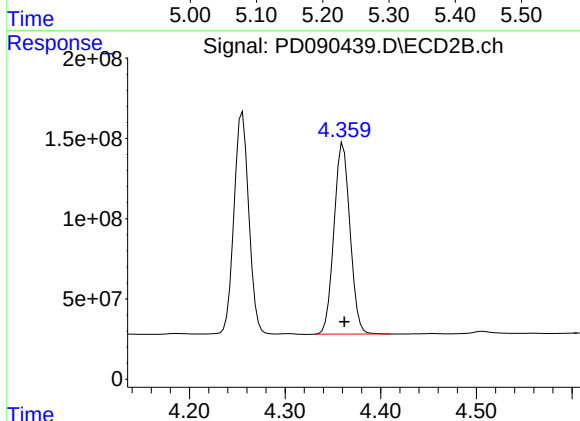
R.T.: 4.075 min  
Delta R.T.: -0.001 min  
Response: 1462179698  
Conc: 35.91 ng/ml



#5 Aldrin

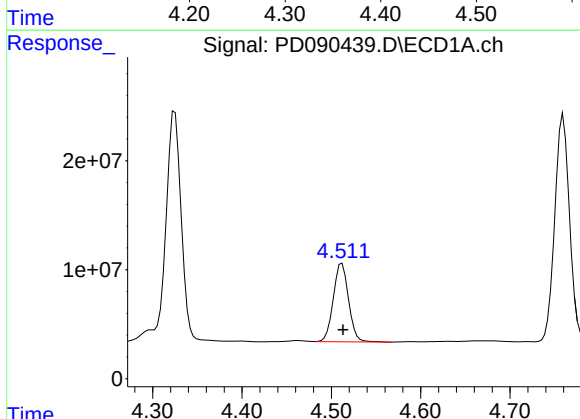
R.T.: 5.264 min  
Delta R.T.: -0.002 min  
Response: 225680103  
Conc: 35.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



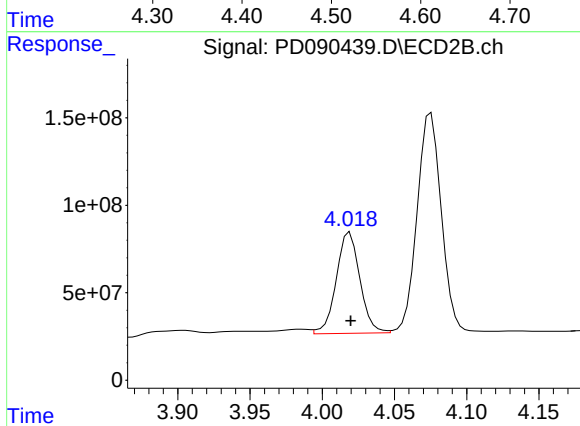
#5 Aldrin

R.T.: 4.361 min  
Delta R.T.: -0.001 min  
Response: 1383241101  
Conc: 34.64 ng/ml



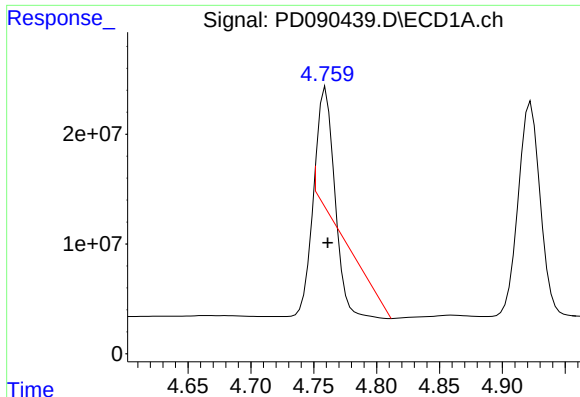
#6 beta-BHC

R.T.: 4.512 min  
Delta R.T.: -0.001 min  
Response: 85415709  
Conc: 33.11 ng/ml



#6 beta-BHC

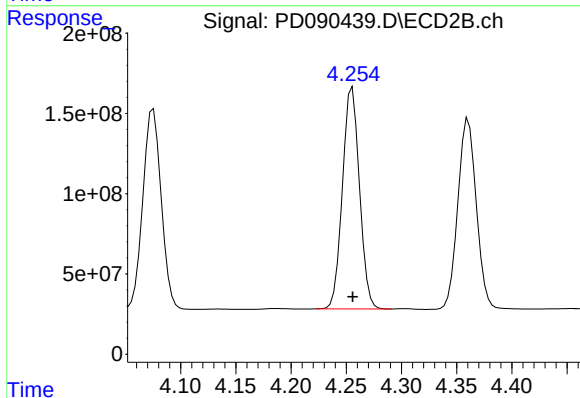
R.T.: 4.019 min  
Delta R.T.: 0.000 min  
Response: 658101367  
Conc: 37.96 ng/ml



#7 delta-BHC

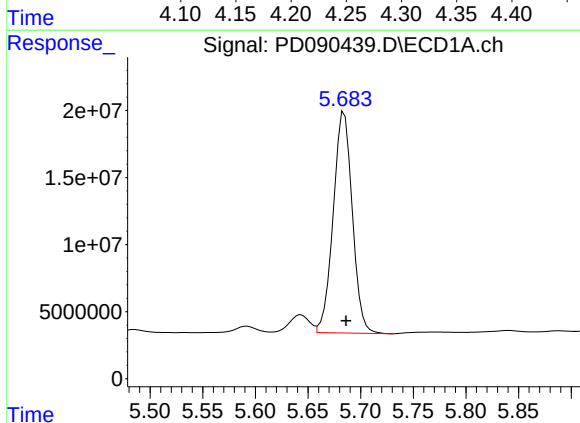
R.T.: 4.760 min  
Delta R.T.: -0.001 min  
Response: 3200259  
Conc: 0.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



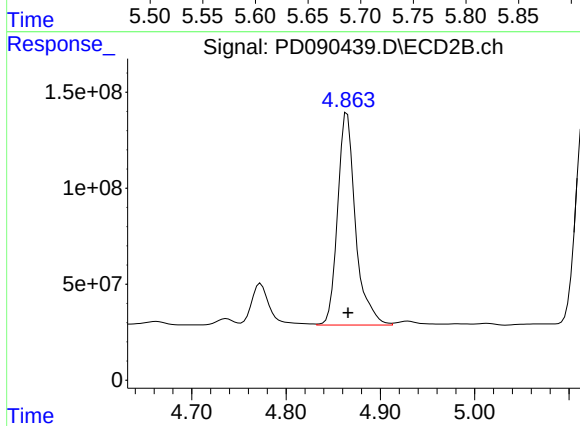
#7 delta-BHC

R.T.: 4.255 min  
Delta R.T.: 0.000 min  
Response: 1480910164  
Conc: 35.86 ng/ml



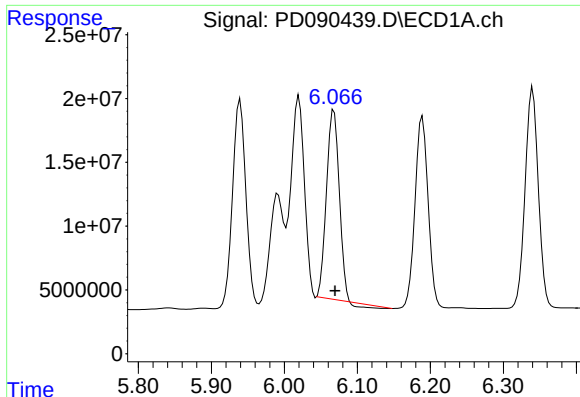
#8 Heptachlor epoxide

R.T.: 5.684 min  
Delta R.T.: -0.002 min  
Response: 208424414  
Conc: 36.47 ng/ml



#8 Heptachlor epoxide

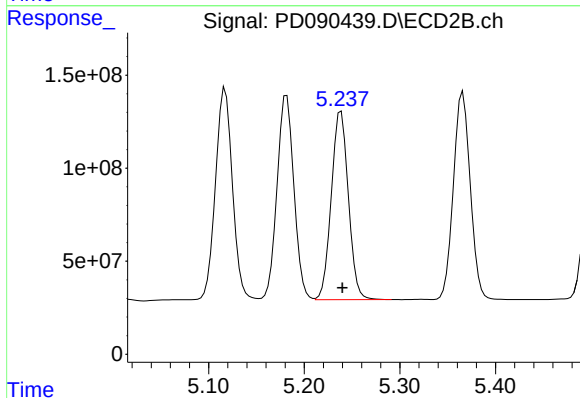
R.T.: 4.865 min  
Delta R.T.: -0.001 min  
Response: 1458579108  
Conc: 39.57 ng/ml



#9 Endosulfan I

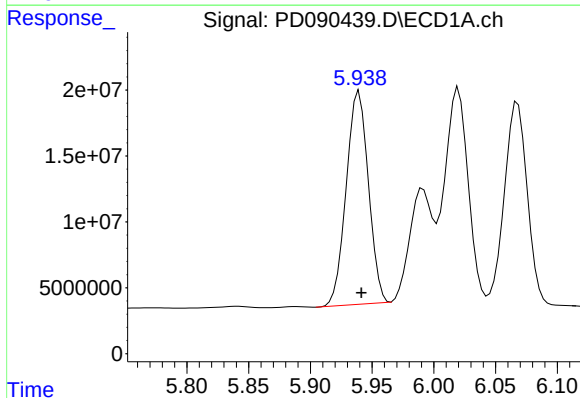
R.T.: 6.068 min  
Delta R.T.: -0.002 min  
Response: 176170123  
Conc: 32.62 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



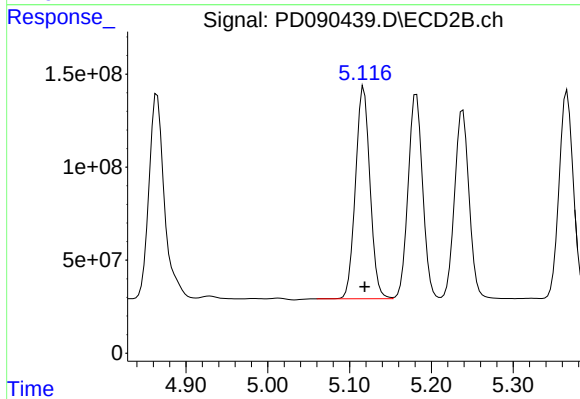
#9 Endosulfan I

R.T.: 5.239 min  
Delta R.T.: -0.001 min  
Response: 1252151468  
Conc: 36.18 ng/ml



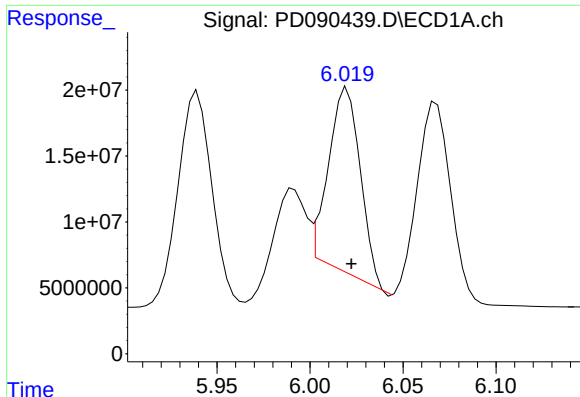
#10 gamma-Chlordane

R.T.: 5.939 min  
Delta R.T.: -0.002 min  
Response: 202074428  
Conc: 35.38 ng/ml



#10 gamma-Chlordane

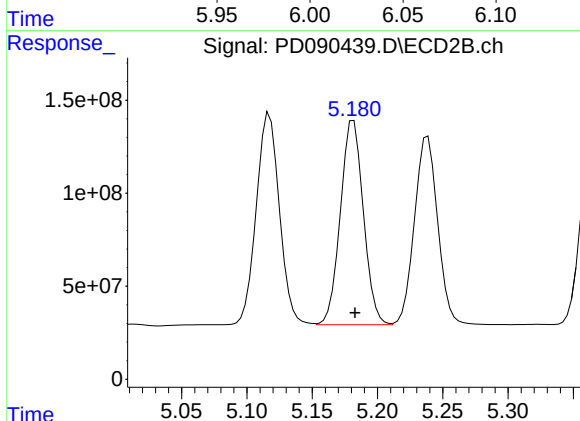
R.T.: 5.117 min  
Delta R.T.: -0.001 min  
Response: 1403962101  
Conc: 35.74 ng/ml



#11 alpha-Chlordane

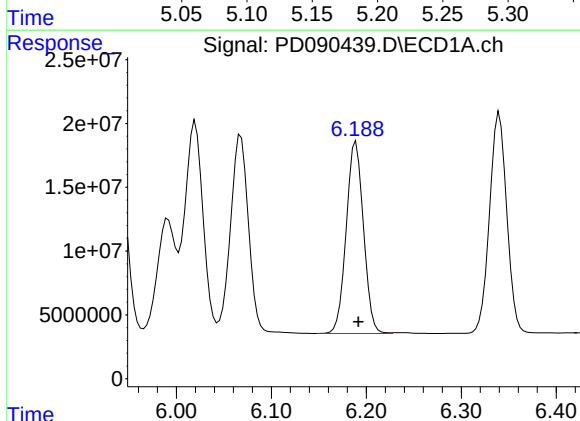
R.T.: 6.020 min  
Delta R.T.: -0.002 min  
Response: 166410857  
Conc: 28.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



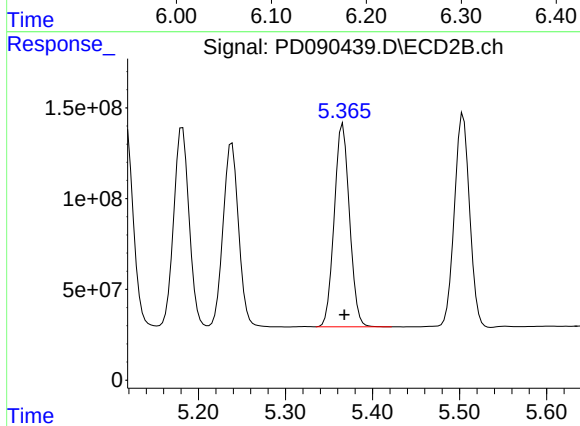
#11 alpha-Chlordane

R.T.: 5.182 min  
Delta R.T.: -0.001 min  
Response: 1346816384  
Conc: 35.76 ng/ml



#12 4,4'-DDE

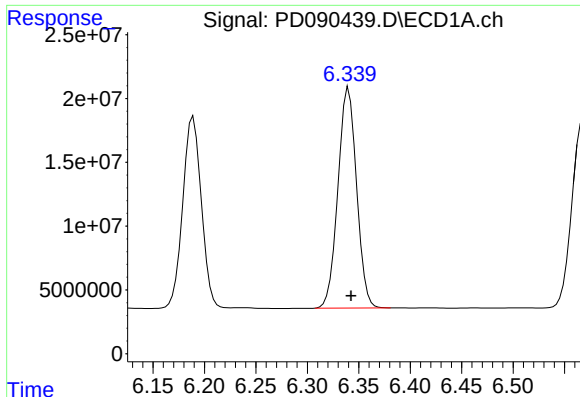
R.T.: 6.189 min  
Delta R.T.: -0.003 min  
Response: 189581909  
Conc: 36.41 ng/ml



#12 4,4'-DDE

R.T.: 5.366 min  
Delta R.T.: -0.002 min  
Response: 1364161418  
Conc: 35.64 ng/ml

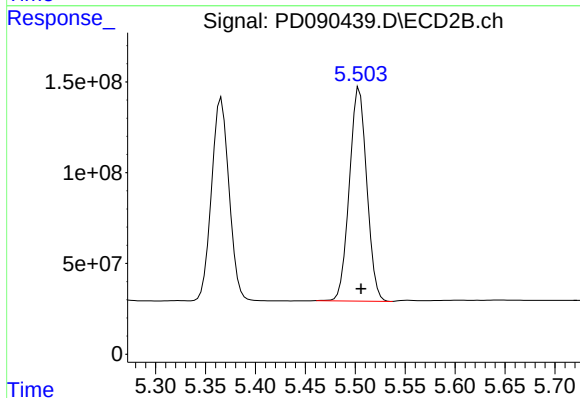




#13 Dieldrin

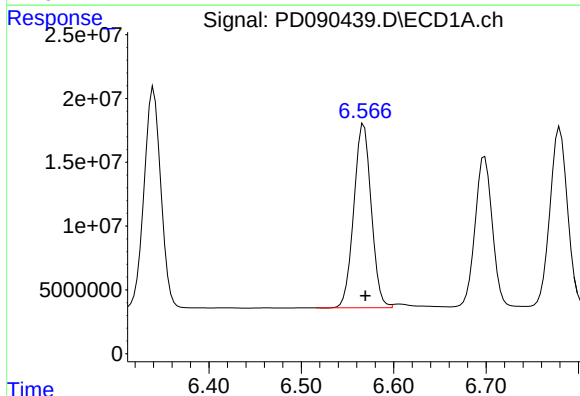
R.T.: 6.340 min  
Delta R.T.: -0.002 min  
Response: 217691448  
Conc: 37.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



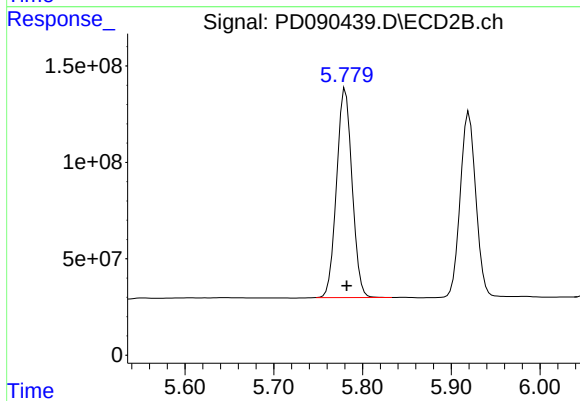
#13 Dieldrin

R.T.: 5.504 min  
Delta R.T.: -0.002 min  
Response: 1425859018  
Conc: 36.61 ng/ml



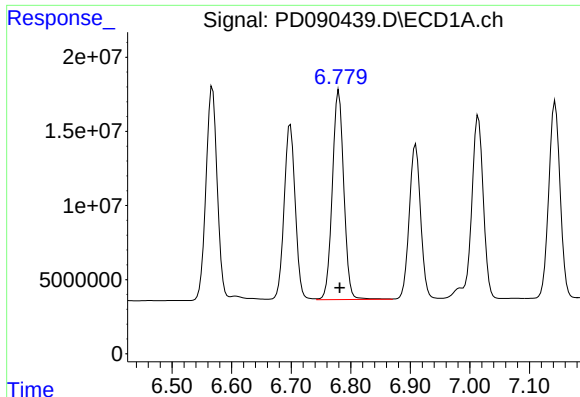
#14 Endrin

R.T.: 6.568 min  
Delta R.T.: -0.002 min  
Response: 188676128  
Conc: 38.55 ng/ml



#14 Endrin

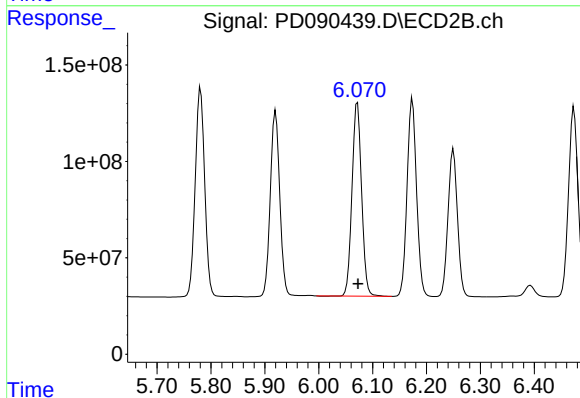
R.T.: 5.781 min  
Delta R.T.: -0.001 min  
Response: 1316497021  
Conc: 36.74 ng/ml



#15 Endosulfan II

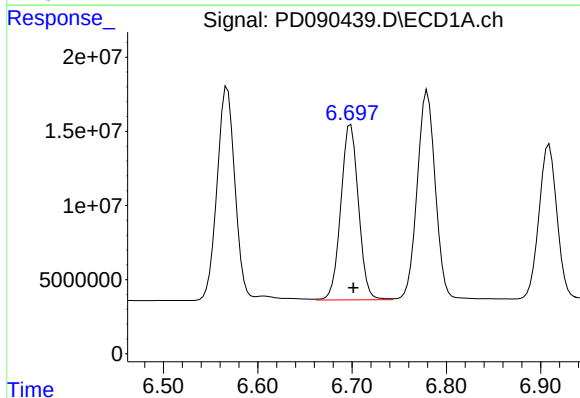
R.T.: 6.780 min  
Delta R.T.: -0.002 min  
Response: 188947976  
Conc: 38.74 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



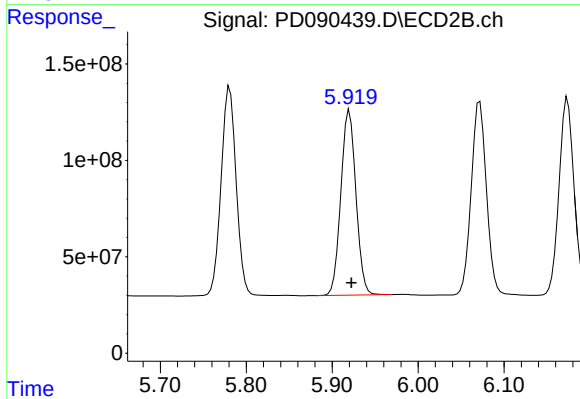
#15 Endosulfan II

R.T.: 6.072 min  
Delta R.T.: -0.001 min  
Response: 1244241473  
Conc: 36.87 ng/ml



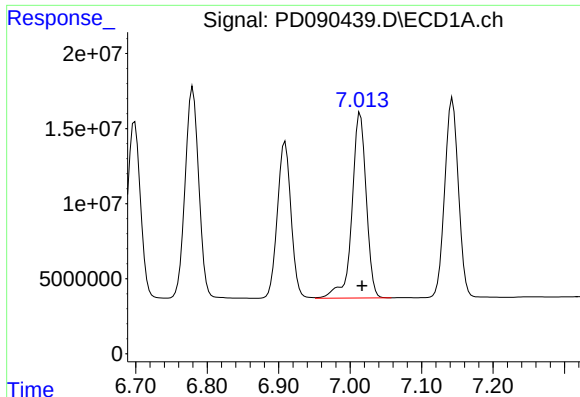
#16 4,4'-DDD

R.T.: 6.699 min  
Delta R.T.: -0.003 min  
Response: 153880770  
Conc: 37.55 ng/ml



#16 4,4'-DDD

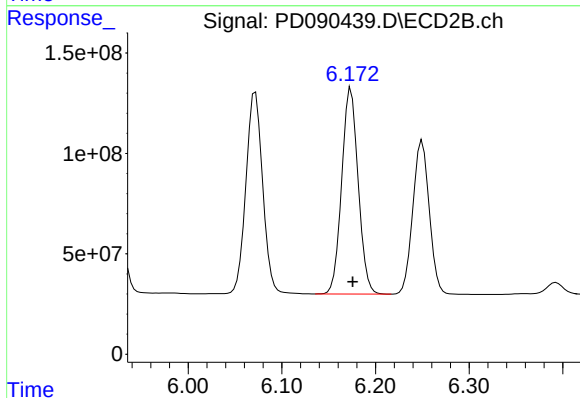
R.T.: 5.920 min  
Delta R.T.: -0.002 min  
Response: 1168862251  
Conc: 36.05 ng/ml



#17 4,4'-DDT

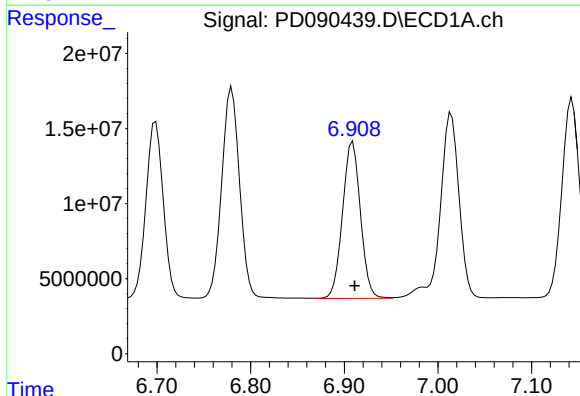
R.T.: 7.014 min  
Delta R.T.: -0.003 min  
Response: 171725220  
Conc: 38.57 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



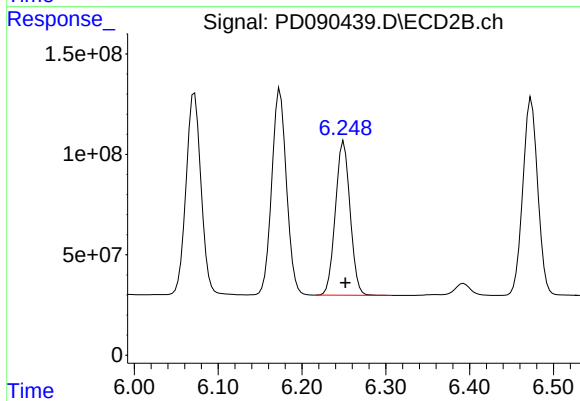
#17 4,4'-DDT

R.T.: 6.174 min  
Delta R.T.: -0.002 min  
Response: 1256007940  
Conc: 36.53 ng/ml



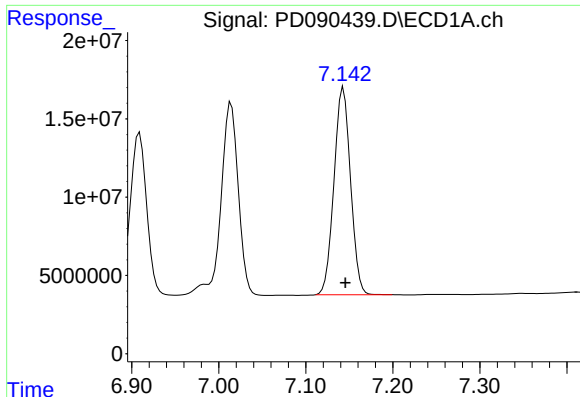
#18 Endrin aldehyde

R.T.: 6.909 min  
Delta R.T.: -0.002 min  
Response: 138732670  
Conc: 40.44 ng/ml



#18 Endrin aldehyde

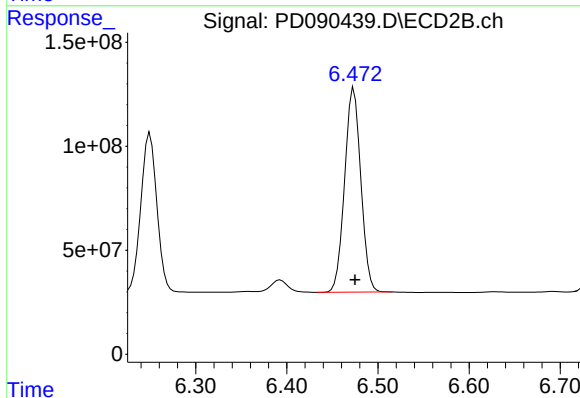
R.T.: 6.250 min  
Delta R.T.: -0.002 min  
Response: 932793386  
Conc: 39.61 ng/ml



#19 Endosulfan Sulfate

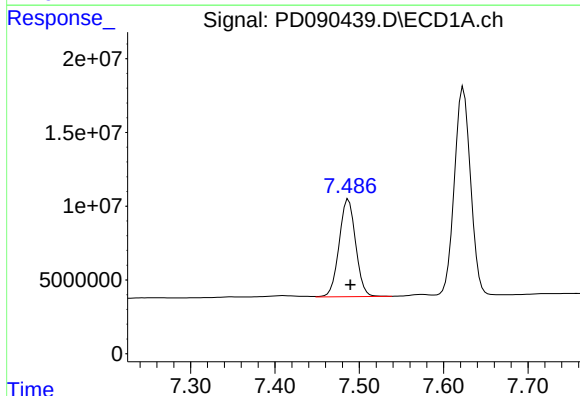
R.T.: 7.143 min  
Delta R.T.: -0.002 min  
Response: 175091285  
Conc: 38.06 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



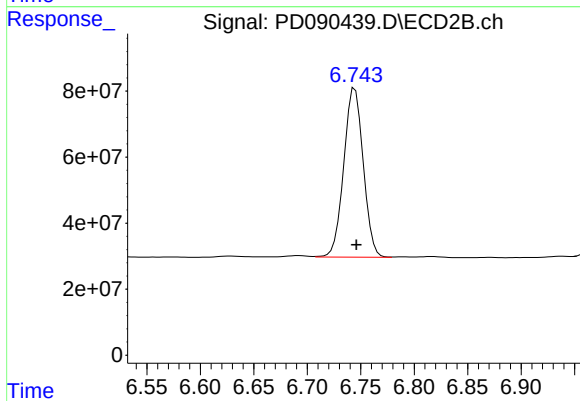
#19 Endosulfan Sulfate

R.T.: 6.474 min  
Delta R.T.: -0.001 min  
Response: 1212071729  
Conc: 37.08 ng/ml



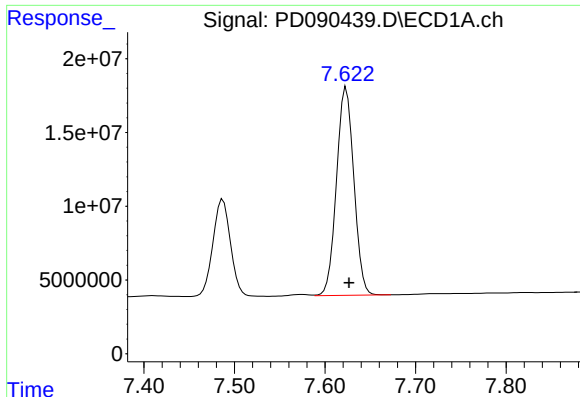
#20 Methoxychlor

R.T.: 7.487 min  
Delta R.T.: -0.002 min  
Response: 89799011  
Conc: 38.11 ng/ml



#20 Methoxychlor

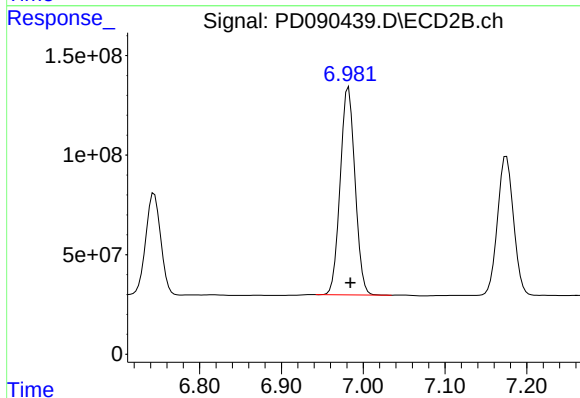
R.T.: 6.745 min  
Delta R.T.: -0.001 min  
Response: 650846437  
Conc: 37.40 ng/ml



#21 Endrin ketone

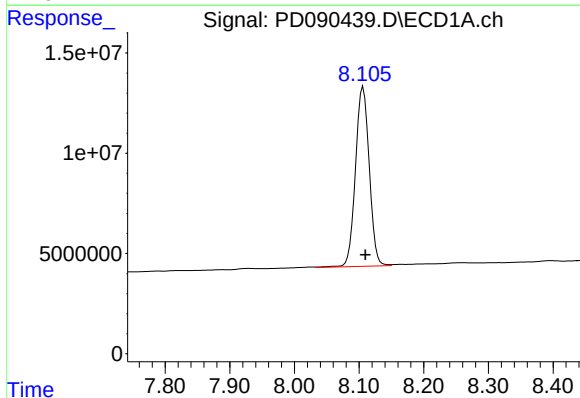
R.T.: 7.624 min  
Delta R.T.: -0.003 min  
Response: 187902271  
Conc: 37.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



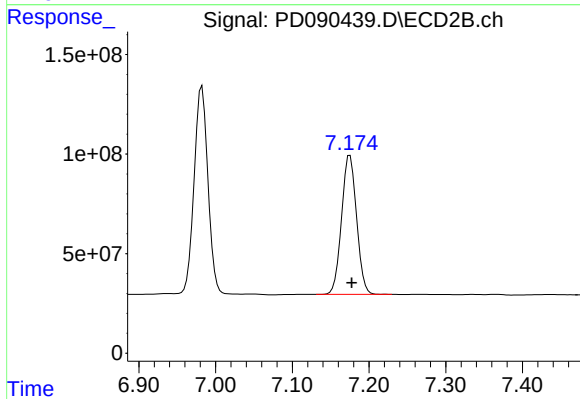
#21 Endrin ketone

R.T.: 6.982 min  
Delta R.T.: -0.002 min  
Response: 1305875735  
Conc: 36.17 ng/ml



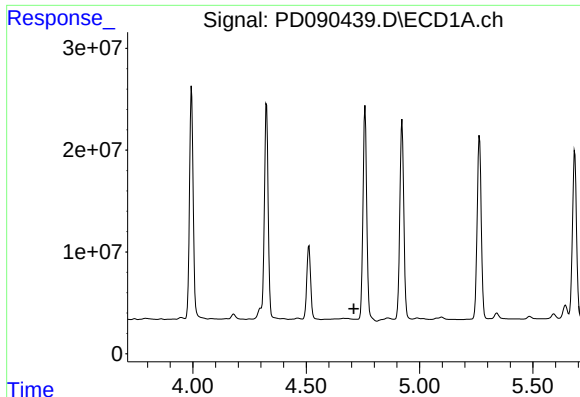
#22 Mirex

R.T.: 8.106 min  
Delta R.T.: -0.003 min  
Response: 132820657  
Conc: 35.85 ng/ml



#22 Mirex

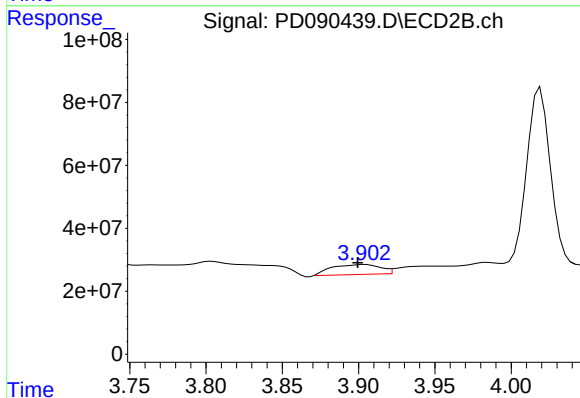
R.T.: 7.175 min  
Delta R.T.: -0.002 min  
Response: 950773825  
Conc: 34.44 ng/ml



#23 Chlordane-1

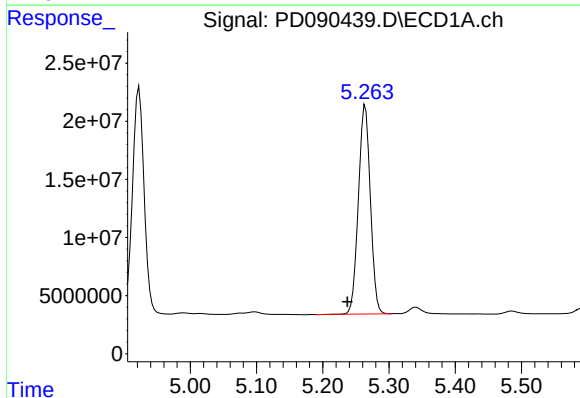
R.T.: 0.000 min  
Exp R.T.: 4.710 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



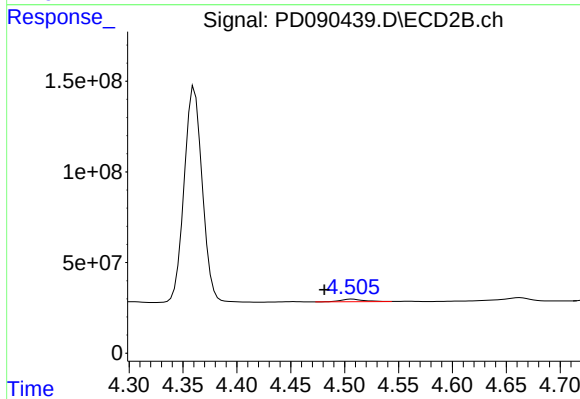
#23 Chlordane-1

R.T.: 3.904 min  
Delta R.T.: 0.004 min  
Response: 69995469  
Conc: 58.16 ng/ml



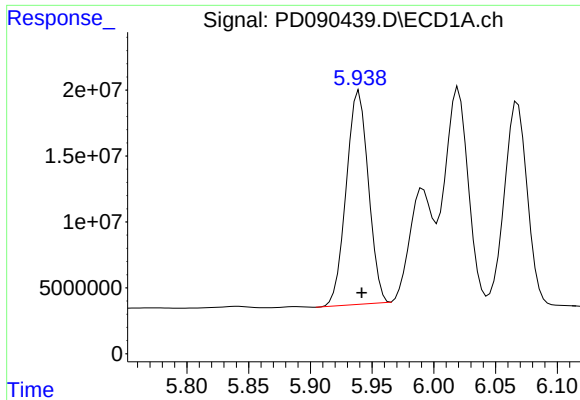
#24 Chlordane-2

R.T.: 5.264 min  
Delta R.T.: 0.027 min  
Response: 225680103  
Conc: 1051.65 ng/ml



#24 Chlordane-2

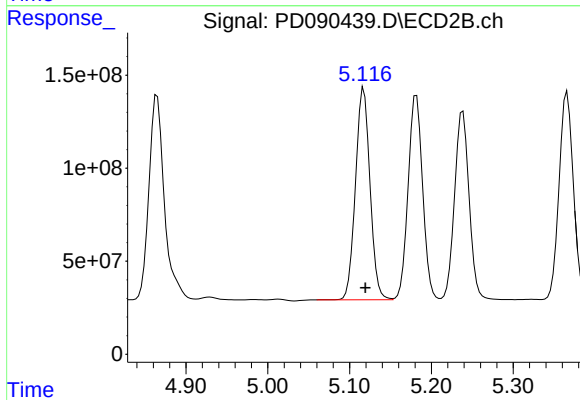
R.T.: 4.507 min  
Delta R.T.: 0.026 min  
Response: 22168190  
Conc: 17.73 ng/ml



#25 Chlordane-3

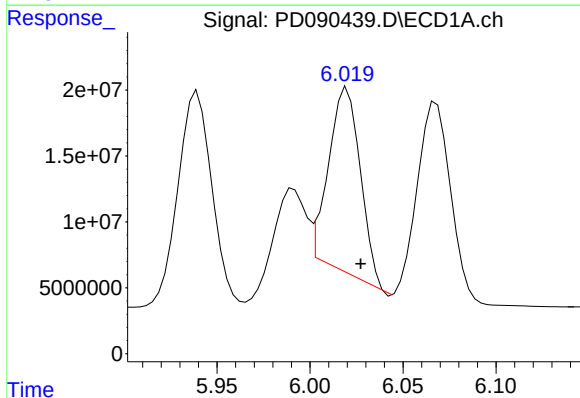
R.T.: 5.939 min  
Delta R.T.: -0.002 min  
Response: 202074428  
Conc: 241.42 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :



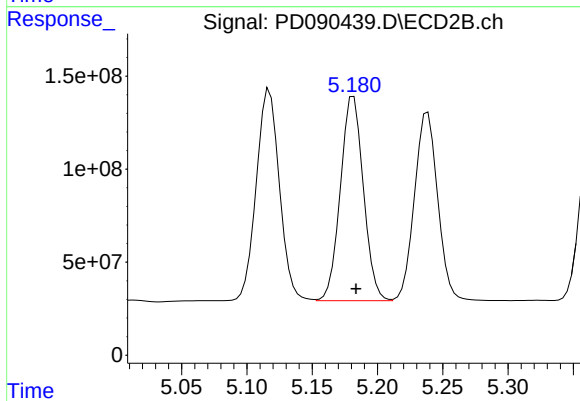
#25 Chlordane-3

R.T.: 5.117 min  
Delta R.T.: -0.002 min  
Response: 1403962101  
Conc: 370.38 ng/ml



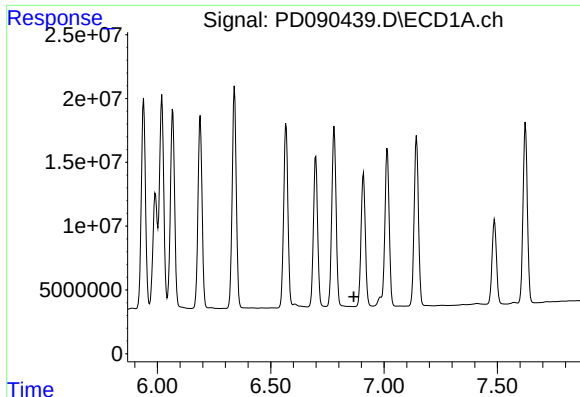
#26 Chlordane-4

R.T.: 6.020 min  
Delta R.T.: -0.007 min  
Response: 166410857  
Conc: 163.06 ng/ml



#26 Chlordane-4

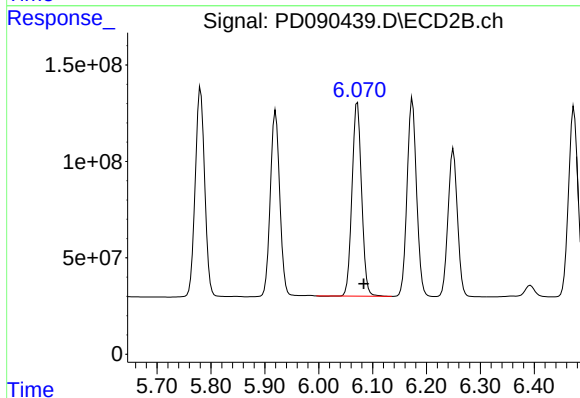
R.T.: 5.182 min  
Delta R.T.: -0.002 min  
Response: 1346816384  
Conc: 413.64 ng/ml



#27 Chlordane-5

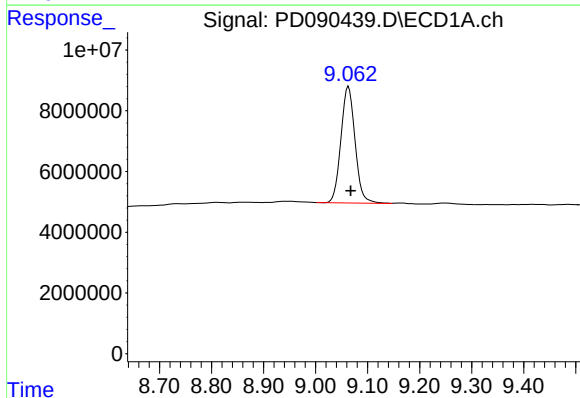
R.T.: 0.000 min  
Exp R.T.: 6.867 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_D  
ClientSampleId :



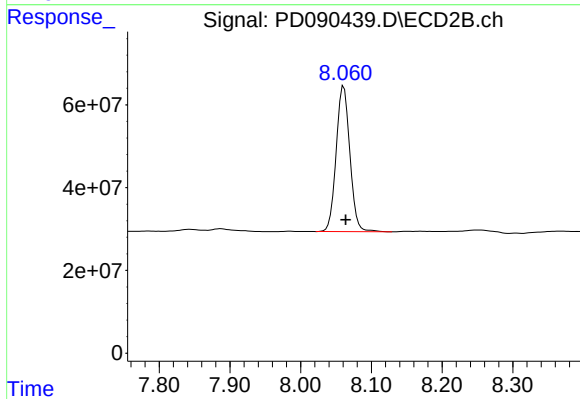
#27 Chlordane-5

R.T.: 6.072 min  
Delta R.T.: -0.012 min  
Response: 1244241473  
Conc: 819.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min  
Delta R.T.: -0.004 min  
Response: 72499501  
Conc: 15.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.061 min  
Delta R.T.: -0.003 min  
Response: 473816520  
Conc: 14.62 ng/ml