

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071125\  
 Data File : PL096343.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Jul 2025 15:54  
 Operator : AR\AJ  
 Sample : Q2489-01MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 11 22:49:54 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL070725.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 07 15:22:07 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 x0.25µm

|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|-------|----------|----------|----------|------------|
| -----                       |                 |        |       |          |          |          |            |
| System Monitoring Compounds |                 |        |       |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.536  | 2.827 | 78688085 | 106.8E6  | 21.564   | 18.508     |
| 2)                          | SA Decachlor... | 9.018  | 7.994 | 65963011 | 104.3E6  | 23.449   | 20.914     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.984  | 3.333 | 308.8E6  | 436.5E6  | 60.041   | 51.750     |
| 3)                          | MA gamma-BHC... | 4.312  | 3.665 | 292.7E6  | 405.8E6  | 58.780   | 51.523     |
| 4)                          | MA Heptachlor   | 4.905  | 4.015 | 269.4E6  | 368.1E6  | 58.806   | 48.380     |
| 5)                          | MB Aldrin       | 5.245  | 4.298 | 284.3E6  | 329.8E6  | 58.812   | 45.199     |
| 6)                          | B beta-BHC      | 4.498  | 3.961 | 122.2E6  | 169.0E6  | 58.784   | 49.368     |
| 7)                          | B delta-BHC     | 4.744  | 4.195 | 273.5E6  | 397.4E6  | 61.038   | 51.602     |
| 8)                          | B Heptachlo...  | 5.664  | 4.800 | 326.7E6  | 334.4E6  | 78.750   | 50.018 #   |
| 9)                          | A Endosulfan I  | 6.046  | 5.171 | 275.6E6  | 316.8E6  | 68.273   | 44.154 #   |
| 10)                         | B gamma-Chl...  | 5.918  | 5.052 | 295.8E6  | 377.4E6  | 66.849   | 53.767     |
| 11)                         | B alpha-Chl...  | 5.998  | 5.116 | 279.4E6  | 372.6E6  | 63.798   | 49.543     |
| 12)                         | B 4,4'-DDE      | 6.168  | 5.305 | 224.8E6  | 325.7E6  | 60.633   | 50.388     |
| 13)                         | MA Dieldrin     | 6.318  | 5.436 | 252.2E6  | 344.5E6  | 59.634   | 50.524     |
| 14)                         | MA Endrin       | 6.544  | 5.711 | 216.7E6  | 345.8E6  | 69.682   | 56.726     |
| 15)                         | B Endosulfa...  | 6.757  | 6.002 | 256.8E6  | 298.1E6  | 74.007   | 50.841 #   |
| 16)                         | A 4,4'-DDD      | 6.677  | 5.858 | 214.2E6  | 276.7E6  | 73.582   | 53.951 #   |
| 17)                         | MA 4,4'-DDT     | 6.991  | 6.110 | 205.9E6  | 291.8E6  | 67.830   | 50.886     |
| 18)                         | B Endrin al...  | 6.885  | 6.180 | 172.7E6  | 235.2E6  | 77.238   | 52.799 #   |
| 19)                         | B Endosulfa...  | 7.118  | 6.404 | 186.8E6  | 289.1E6  | 61.075   | 51.400     |
| 20)                         | A Methoxychlor  | 7.463  | 6.683 | 112.8E6  | 159.3E6  | 71.631   | 52.432 #   |
| 21)                         | B Endrin ke...  | 7.598  | 6.908 | 195.9E6  | 463.3E6  | 59.341   | 74.095     |
| 22)                         | Mirex           | 8.079  | 7.099 | 164.5E6  | 248.1E6  | 59.124   | 49.935     |
| 24)                         | Chlordane-2     | 5.245f | 4.433 | 284.3E6  | 40489373 | 1452.047 | 147.314 #  |
| 25)                         | Chlordane-3     | 5.918  | 5.052 | 295.8E6  | 377.4E6  | 401.484  | 469.123    |
| 26)                         | Chlordane-4     | 5.998  | 5.116 | 279.4E6  | 372.6E6  | 311.362  | 495.821 #  |
| 27)                         | Chlordane-5     | 6.835  | 6.002 | 16970446 | 298.1E6  | 112.434  | 1051.771 # |
| -----                       |                 |        |       |          |          |          |            |

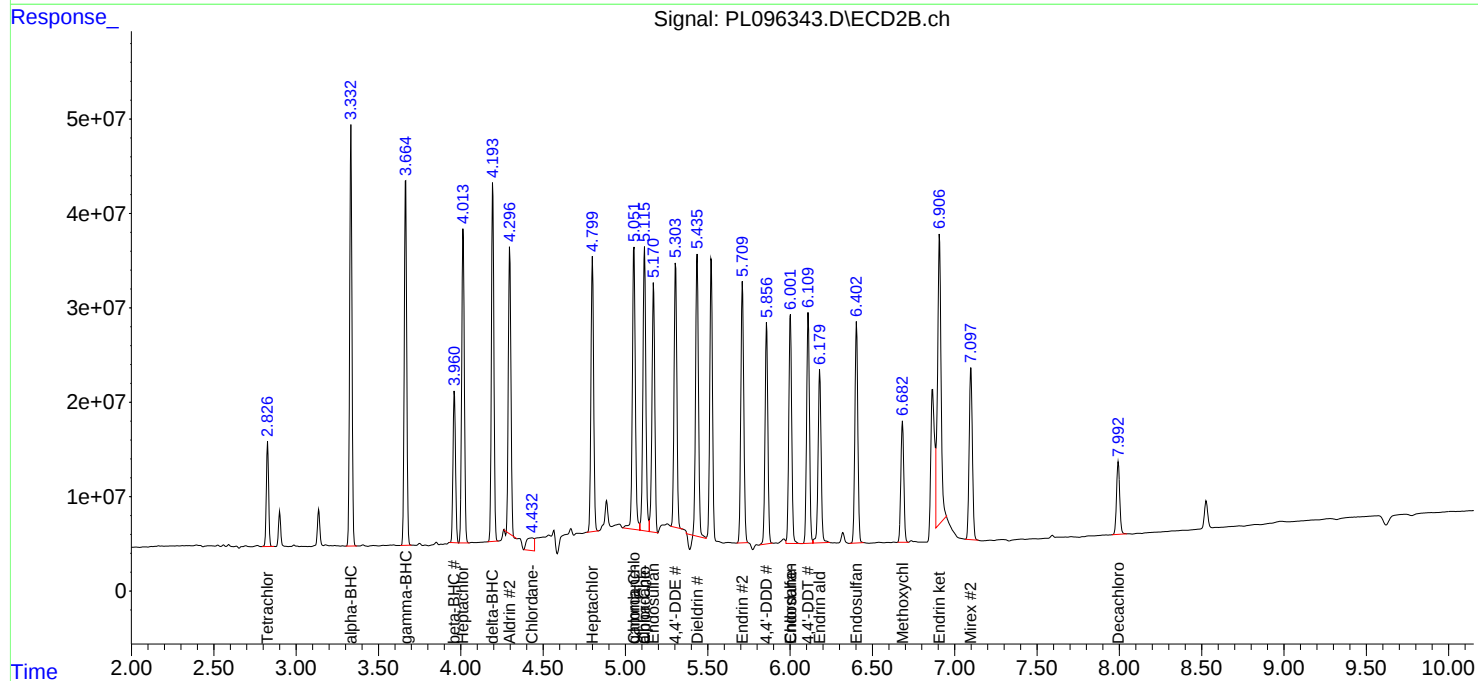
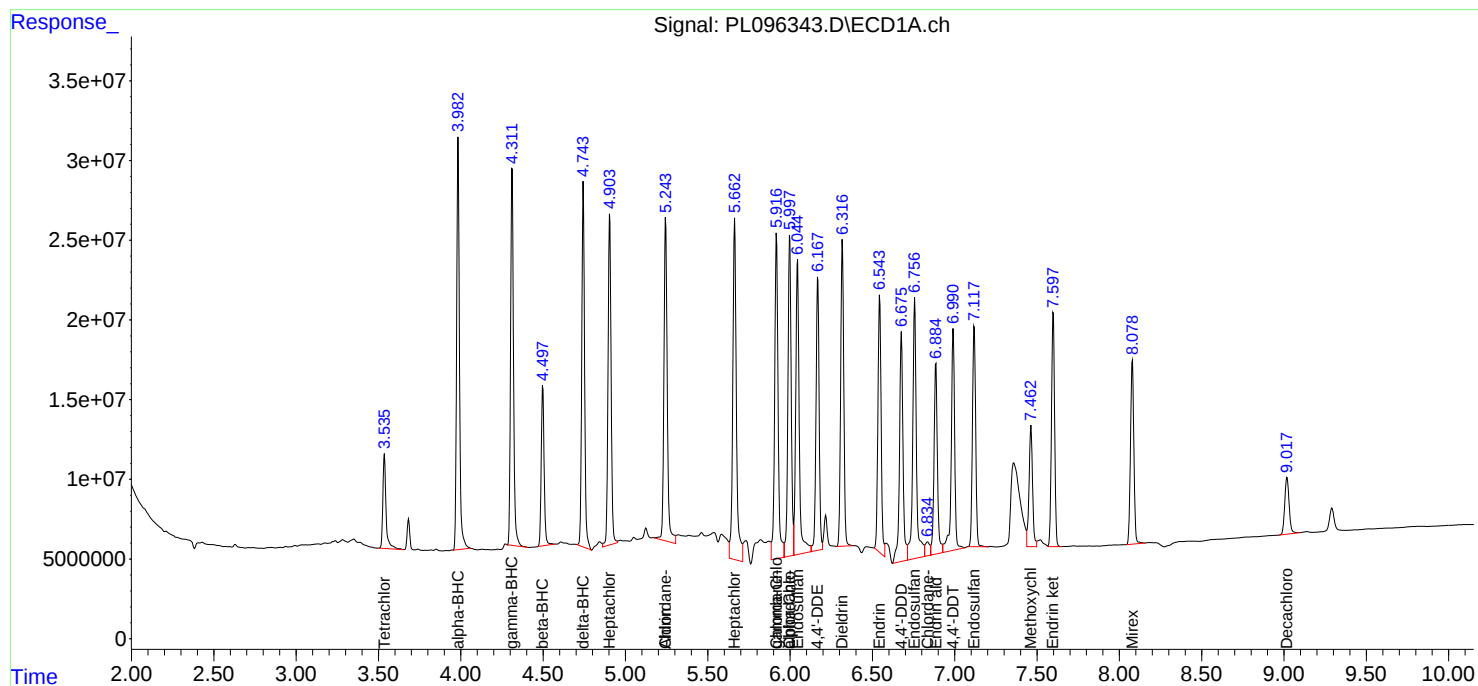
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

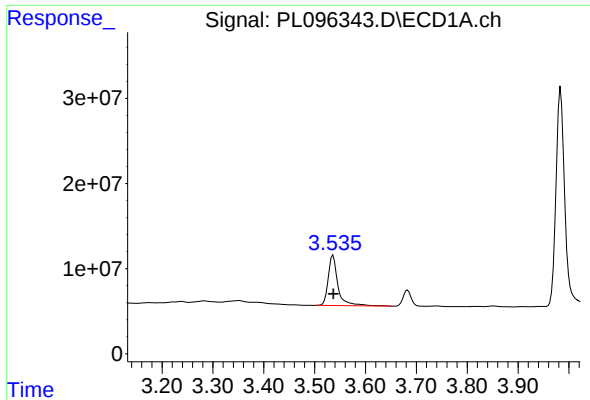
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071125\  
Data File : PL096343.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Jul 2025 15:54  
Operator : AR\AJ  
Sample : Q2489-01MS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 11 22:49:54 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL070725.M  
Quant Title : GC Extractables  
QLast Update : Mon Jul 07 15:22:07 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 x0.25µm

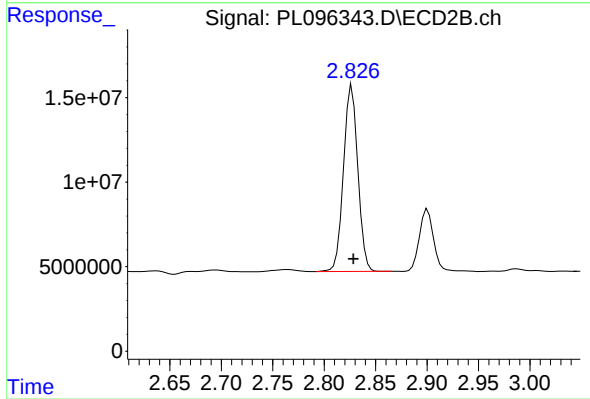




#1 Tetrachloro-m-xylene

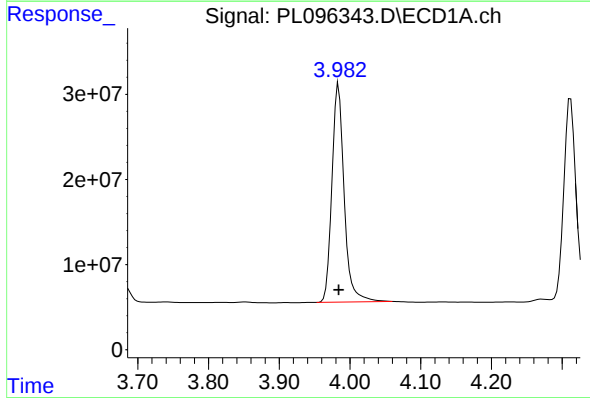
R.T.: 3.536 min  
Delta R.T.: 0.000 min  
Response: 78688085  
Conc: 21.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



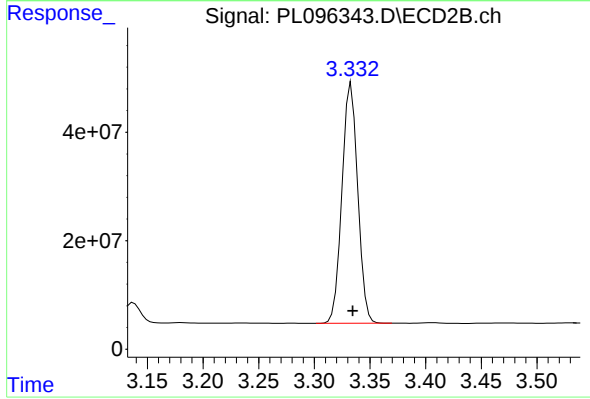
#1 Tetrachloro-m-xylene

R.T.: 2.827 min  
Delta R.T.: -0.001 min  
Response: 106812254  
Conc: 18.51 ng/ml



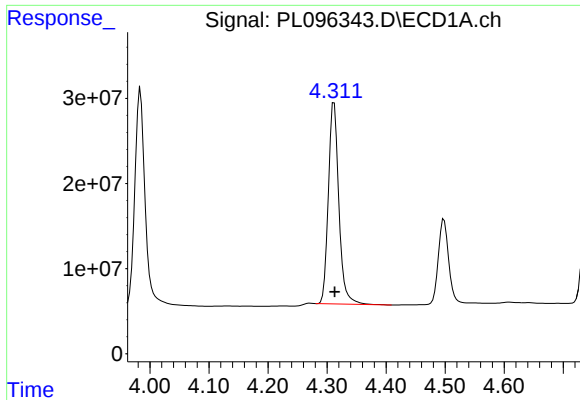
#2 alpha-BHC

R.T.: 3.984 min  
Delta R.T.: 0.000 min  
Response: 308797249  
Conc: 60.04 ng/ml



#2 alpha-BHC

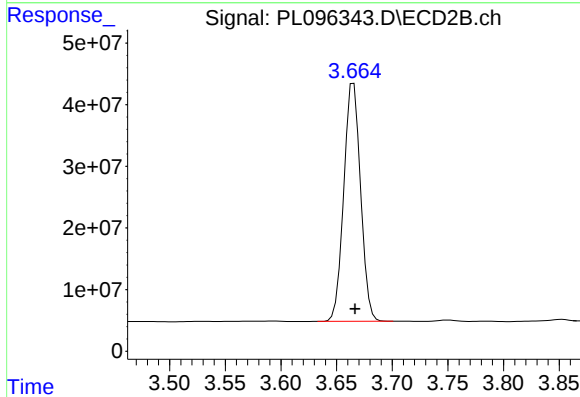
R.T.: 3.333 min  
Delta R.T.: -0.001 min  
Response: 436479107  
Conc: 51.75 ng/ml



#3 gamma-BHC (Lindane)

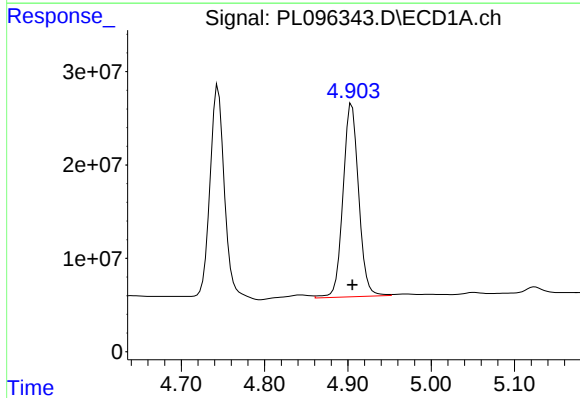
R.T.: 4.312 min  
Delta R.T.: -0.001 min  
Response: 292702141  
Conc: 58.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



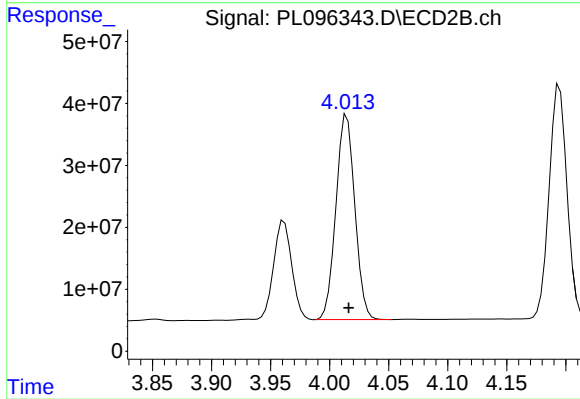
#3 gamma-BHC (Lindane)

R.T.: 3.665 min  
Delta R.T.: -0.001 min  
Response: 405787572  
Conc: 51.52 ng/ml



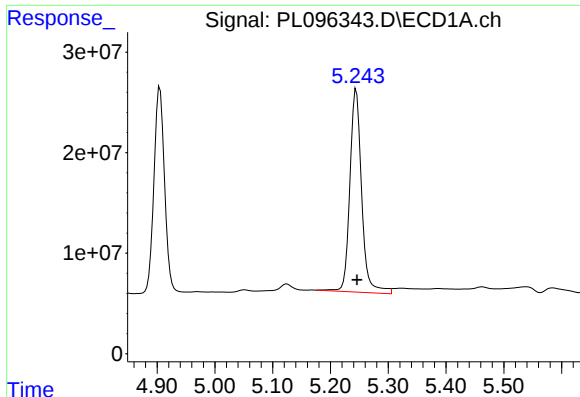
#4 Heptachlor

R.T.: 4.905 min  
Delta R.T.: 0.000 min  
Response: 269401135  
Conc: 58.81 ng/ml



#4 Heptachlor

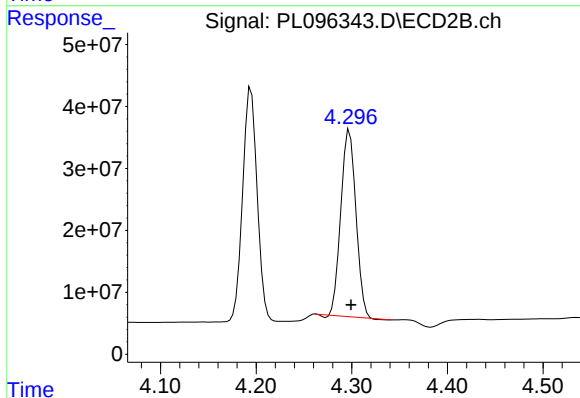
R.T.: 4.015 min  
Delta R.T.: -0.002 min  
Response: 368066676  
Conc: 48.38 ng/ml



#5 Aldrin

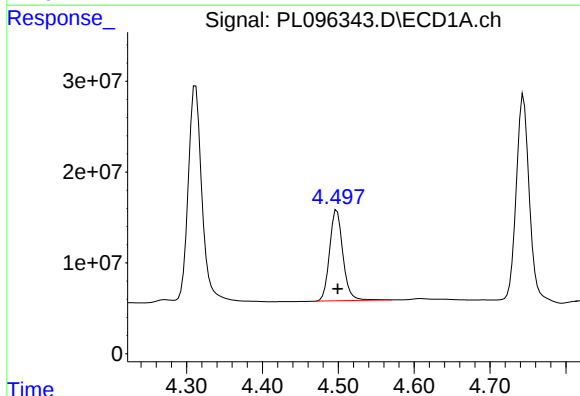
R.T.: 5.245 min  
Delta R.T.: -0.001 min  
Response: 284281824  
Conc: 58.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



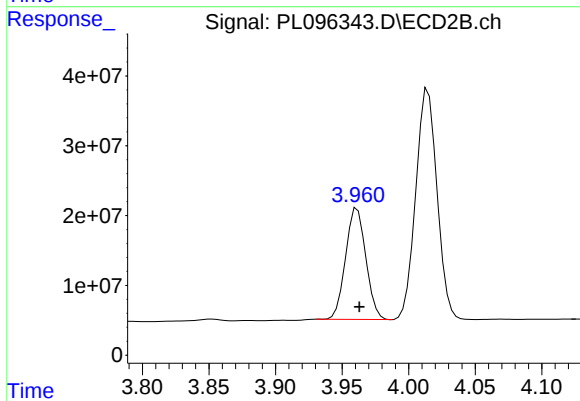
#5 Aldrin

R.T.: 4.298 min  
Delta R.T.: -0.002 min  
Response: 329754702  
Conc: 45.20 ng/ml



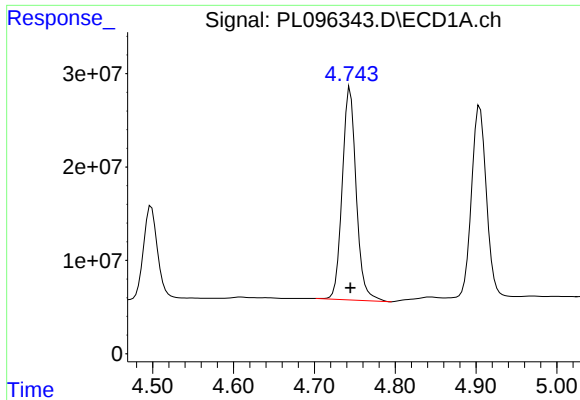
#6 beta-BHC

R.T.: 4.498 min  
Delta R.T.: -0.001 min  
Response: 122199018  
Conc: 58.78 ng/ml



#6 beta-BHC

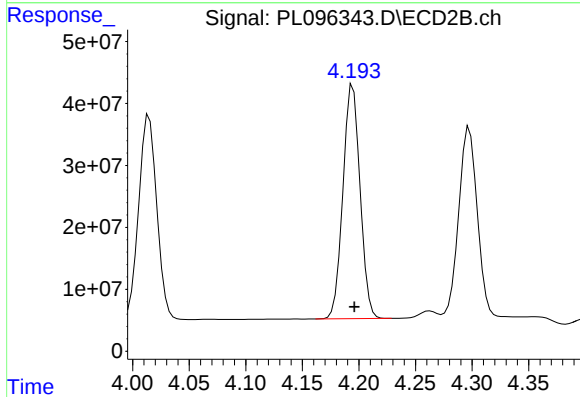
R.T.: 3.961 min  
Delta R.T.: -0.002 min  
Response: 169032049  
Conc: 49.37 ng/ml



#7 delta-BHC

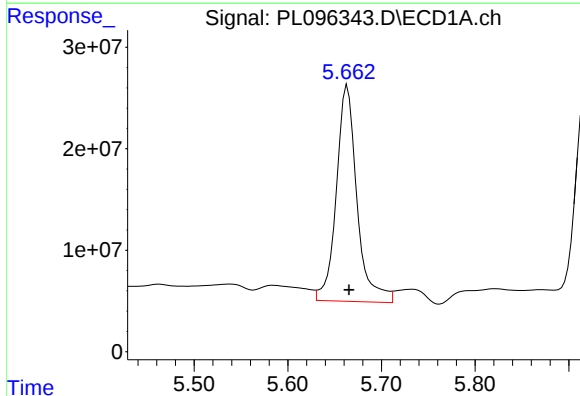
R.T.: 4.744 min  
Delta R.T.: 0.000 min  
Response: 273530039  
Conc: 61.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



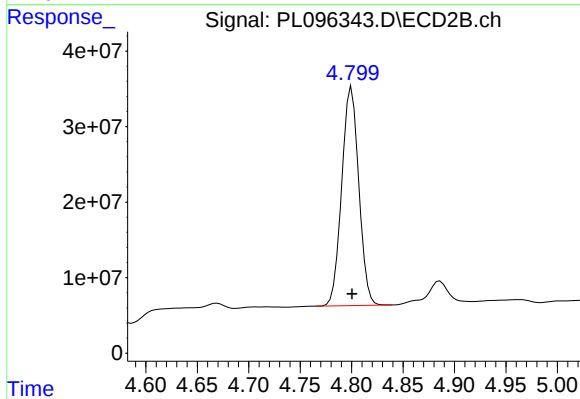
#7 delta-BHC

R.T.: 4.195 min  
Delta R.T.: -0.001 min  
Response: 397434825  
Conc: 51.60 ng/ml



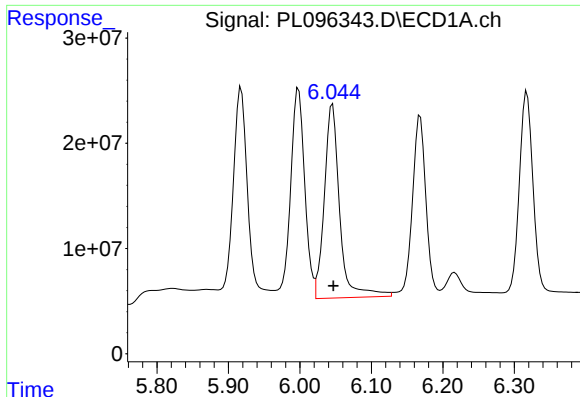
#8 Heptachlor epoxide

R.T.: 5.664 min  
Delta R.T.: -0.002 min  
Response: 326745637  
Conc: 78.75 ng/ml



#8 Heptachlor epoxide

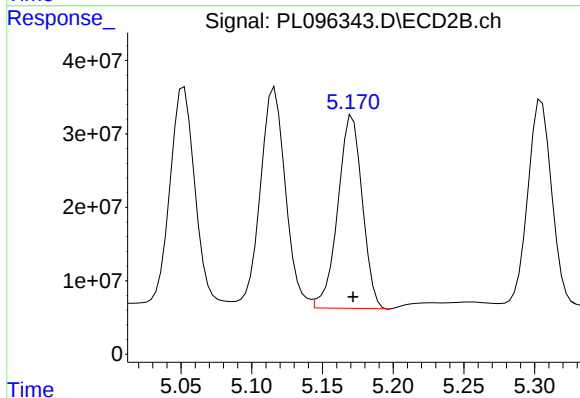
R.T.: 4.800 min  
Delta R.T.: 0.000 min  
Response: 334362192  
Conc: 50.02 ng/ml



#9 Endosulfan I

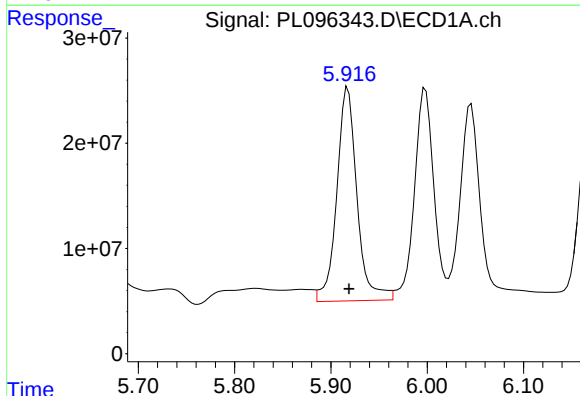
R.T.: 6.046 min  
Delta R.T.: -0.001 min  
Response: 275637332  
Conc: 68.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



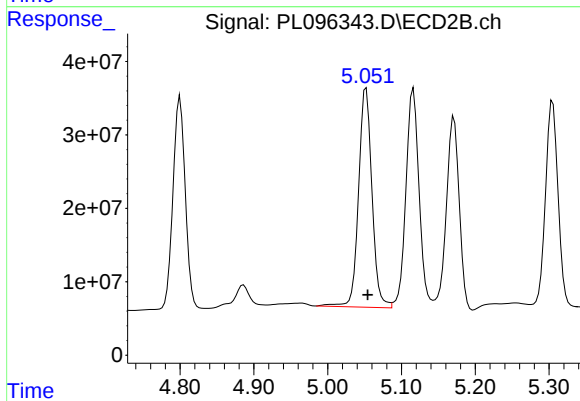
#9 Endosulfan I

R.T.: 5.171 min  
Delta R.T.: 0.000 min  
Response: 316766877  
Conc: 44.15 ng/ml



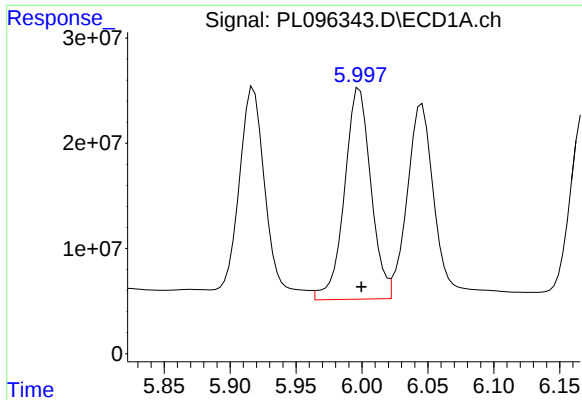
#10 gamma-Chlordane

R.T.: 5.918 min  
Delta R.T.: 0.000 min  
Response: 295795011  
Conc: 66.85 ng/ml



#10 gamma-Chlordane

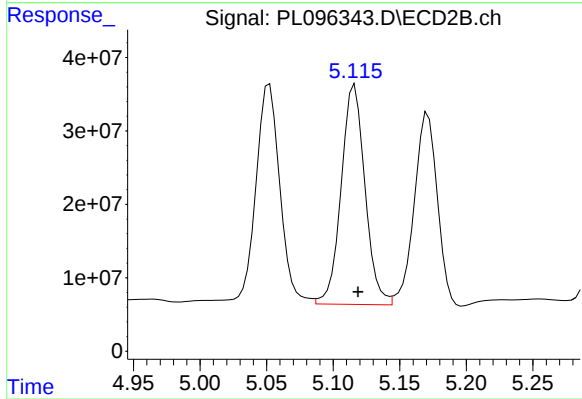
R.T.: 5.052 min  
Delta R.T.: -0.002 min  
Response: 377427084  
Conc: 53.77 ng/ml



#11 alpha-Chlordane

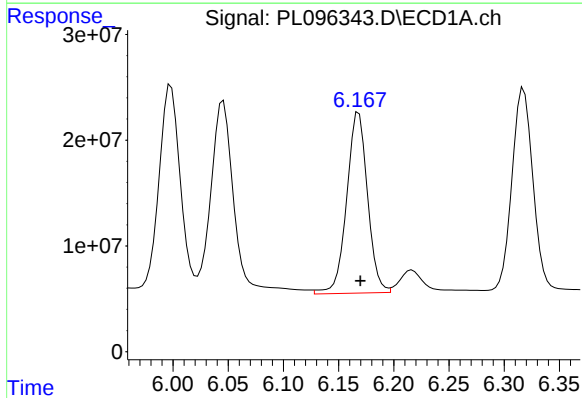
R.T.: 5.998 min  
Delta R.T.: -0.001 min  
Response: 279362263  
Conc: 63.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



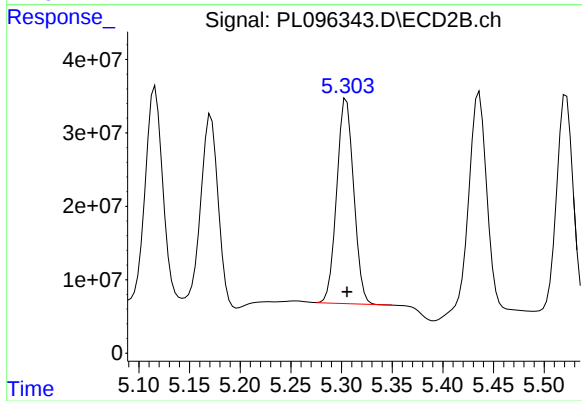
#11 alpha-Chlordane

R.T.: 5.116 min  
Delta R.T.: -0.003 min  
Response: 372573167  
Conc: 49.54 ng/ml



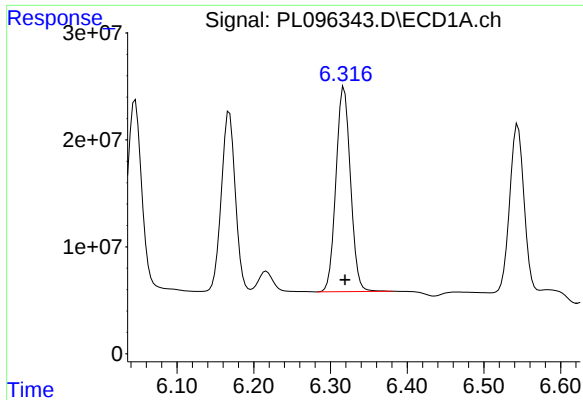
#12 4,4'-DDE

R.T.: 6.168 min  
Delta R.T.: -0.001 min  
Response: 224794824  
Conc: 60.63 ng/ml



#12 4,4'-DDE

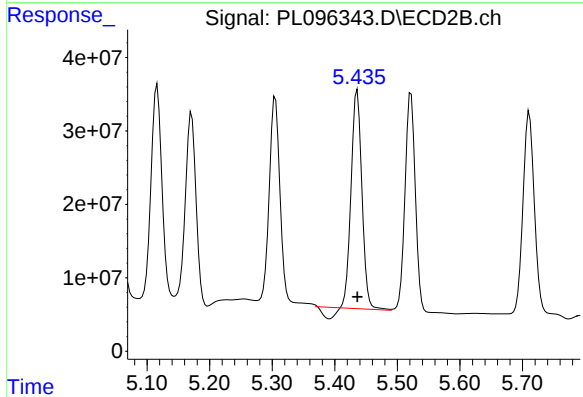
R.T.: 5.305 min  
Delta R.T.: 0.000 min  
Response: 325693148  
Conc: 50.39 ng/ml



#13 Dieldrin

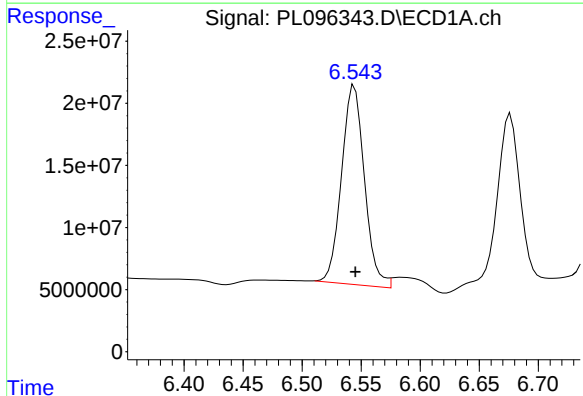
R.T.: 6.318 min  
Delta R.T.: -0.001 min  
Response: 252157387  
Conc: 59.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



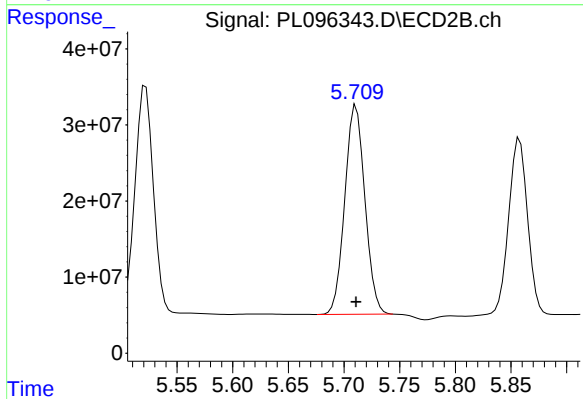
#13 Dieldrin

R.T.: 5.436 min  
Delta R.T.: 0.000 min  
Response: 344533865  
Conc: 50.52 ng/ml



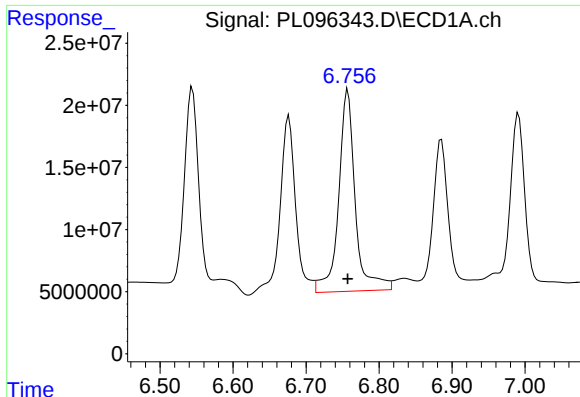
#14 Endrin

R.T.: 6.544 min  
Delta R.T.: 0.000 min  
Response: 216726869  
Conc: 69.68 ng/ml



#14 Endrin

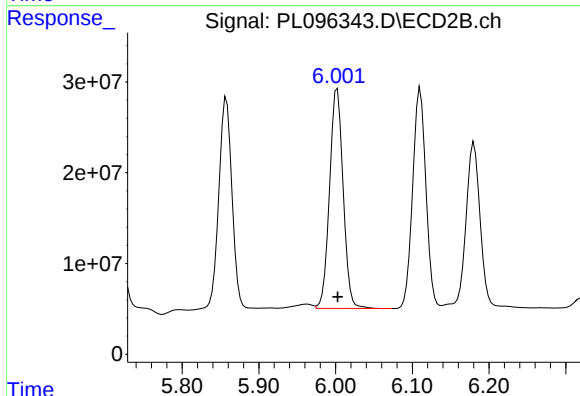
R.T.: 5.711 min  
Delta R.T.: 0.000 min  
Response: 345830381  
Conc: 56.73 ng/ml



#15 Endosulfan II

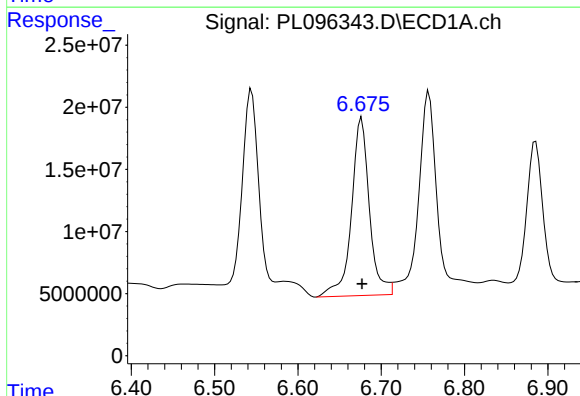
R.T.: 6.757 min  
Delta R.T.: 0.000 min  
Response: 256806526  
Conc: 74.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



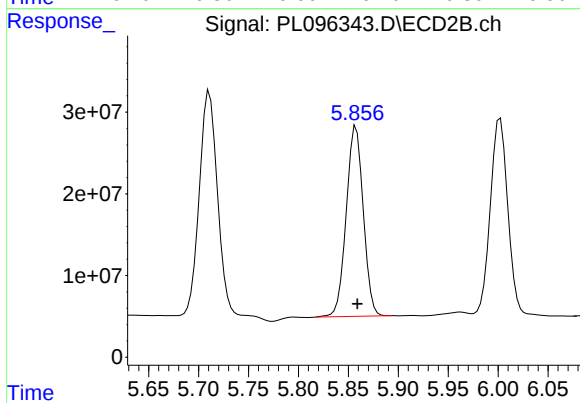
#15 Endosulfan II

R.T.: 6.002 min  
Delta R.T.: 0.000 min  
Response: 298124883  
Conc: 50.84 ng/ml



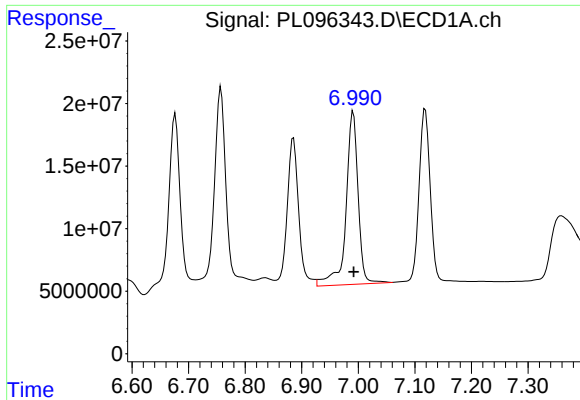
#16 4,4'-DDD

R.T.: 6.677 min  
Delta R.T.: 0.000 min  
Response: 214248388  
Conc: 73.58 ng/ml



#16 4,4'-DDD

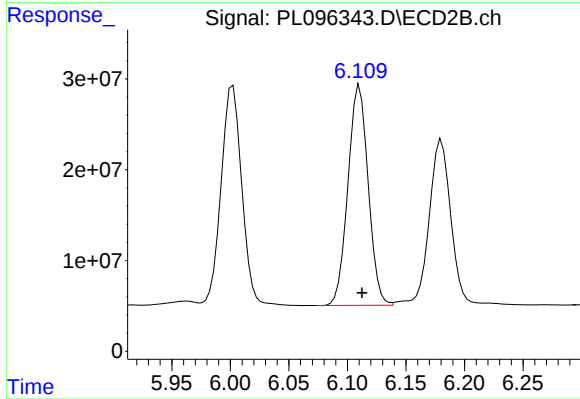
R.T.: 5.858 min  
Delta R.T.: -0.001 min  
Response: 276697197  
Conc: 53.95 ng/ml



#17 4,4'-DDT

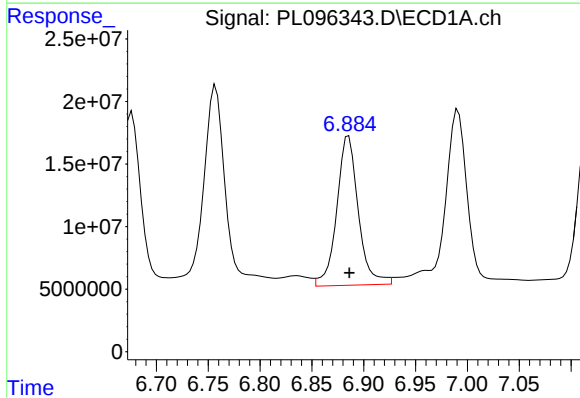
R.T.: 6.991 min  
Delta R.T.: 0.000 min  
Response: 205879099  
Conc: 67.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



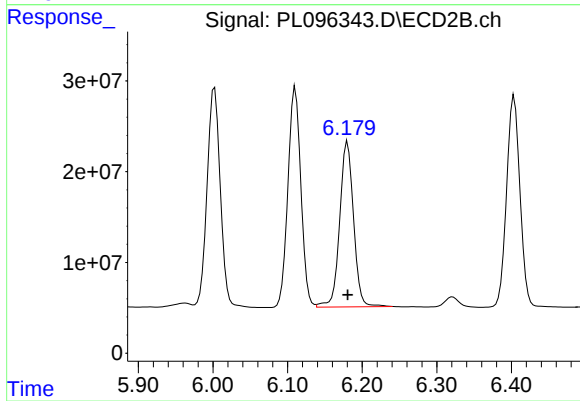
#17 4,4'-DDT

R.T.: 6.110 min  
Delta R.T.: -0.002 min  
Response: 291835880  
Conc: 50.89 ng/ml



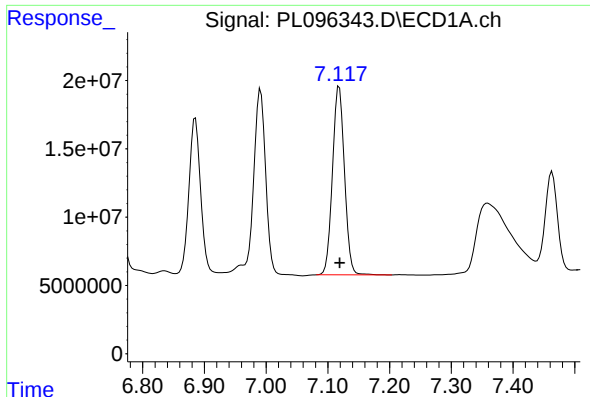
#18 Endrin aldehyde

R.T.: 6.885 min  
Delta R.T.: 0.000 min  
Response: 172669851  
Conc: 77.24 ng/ml



#18 Endrin aldehyde

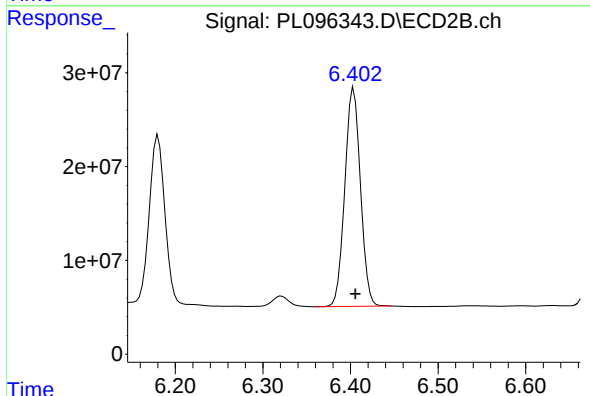
R.T.: 6.180 min  
Delta R.T.: 0.000 min  
Response: 235197141  
Conc: 52.80 ng/ml



#19 Endosulfan Sulfate

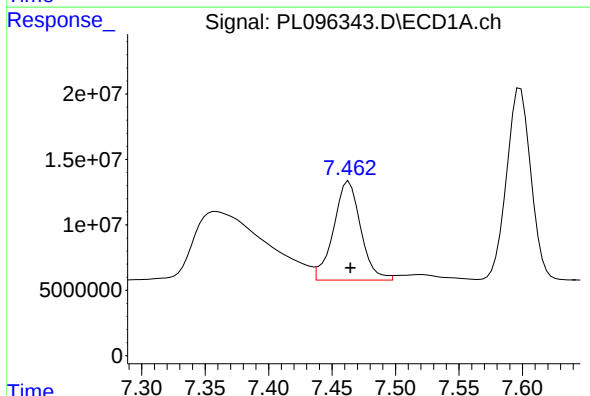
R.T.: 7.118 min  
Delta R.T.: -0.001 min  
Response: 186819867  
Conc: 61.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



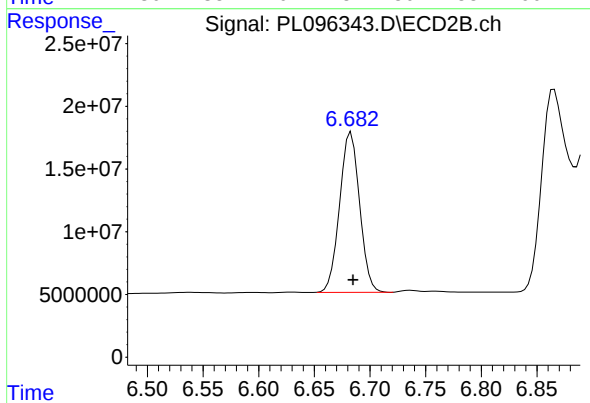
#19 Endosulfan Sulfate

R.T.: 6.404 min  
Delta R.T.: -0.002 min  
Response: 289094231  
Conc: 51.40 ng/ml



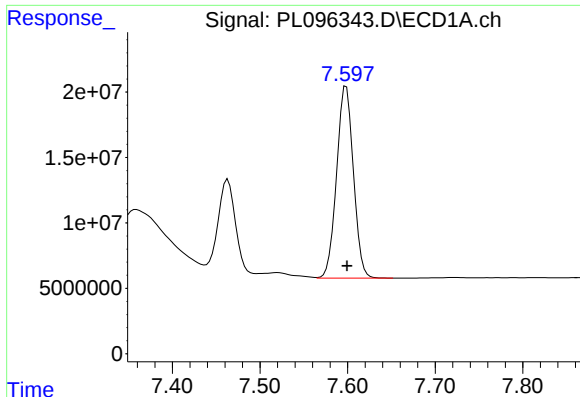
#20 Methoxychlor

R.T.: 7.463 min  
Delta R.T.: -0.001 min  
Response: 112846603  
Conc: 71.63 ng/ml



#20 Methoxychlor

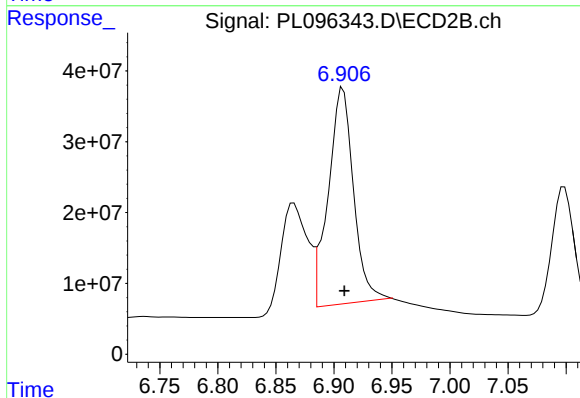
R.T.: 6.683 min  
Delta R.T.: -0.002 min  
Response: 159275336  
Conc: 52.43 ng/ml



#21 Endrin ketone

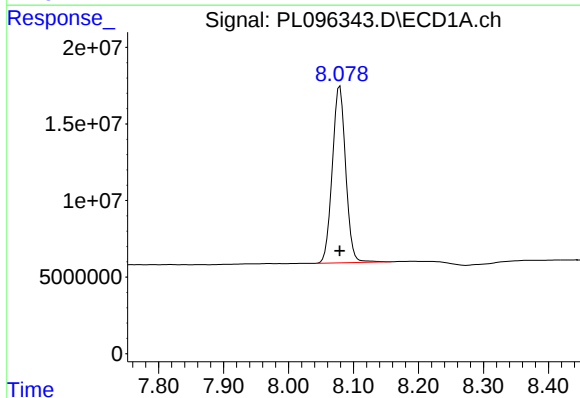
R.T.: 7.598 min  
Delta R.T.: 0.000 min  
Response: 195922003  
Conc: 59.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



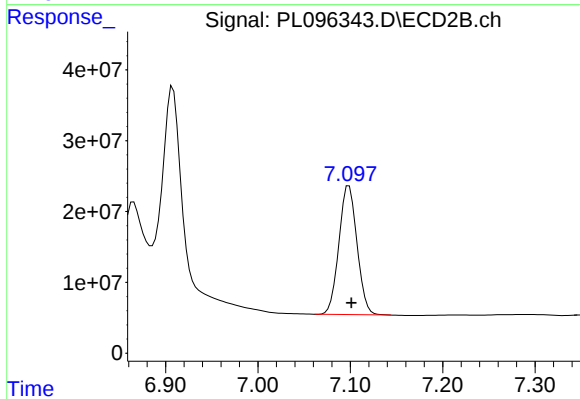
#21 Endrin ketone

R.T.: 6.908 min  
Delta R.T.: -0.001 min  
Response: 463258162  
Conc: 74.09 ng/ml



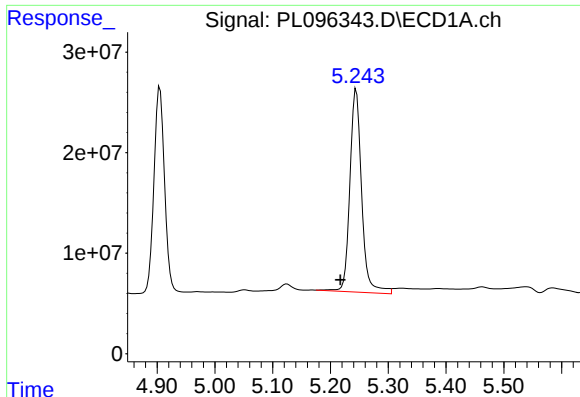
#22 Mirex

R.T.: 8.079 min  
Delta R.T.: 0.000 min  
Response: 164496379  
Conc: 59.12 ng/ml



#22 Mirex

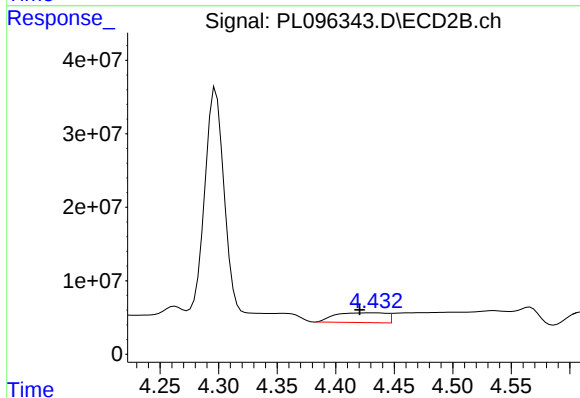
R.T.: 7.099 min  
Delta R.T.: -0.003 min  
Response: 248084659  
Conc: 49.93 ng/ml



#24 Chlordane-2

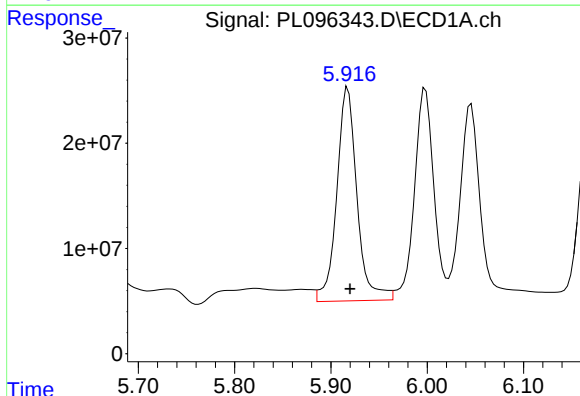
R.T.: 5.245 min  
Delta R.T.: 0.028 min  
Response: 284281824  
Conc: 1452.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



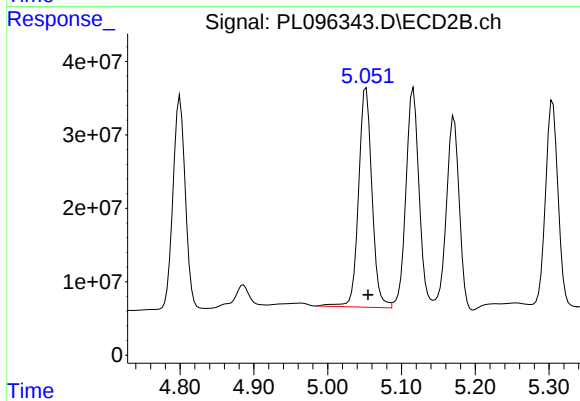
#24 Chlordane-2

R.T.: 4.433 min  
Delta R.T.: 0.013 min  
Response: 40489373  
Conc: 147.31 ng/ml



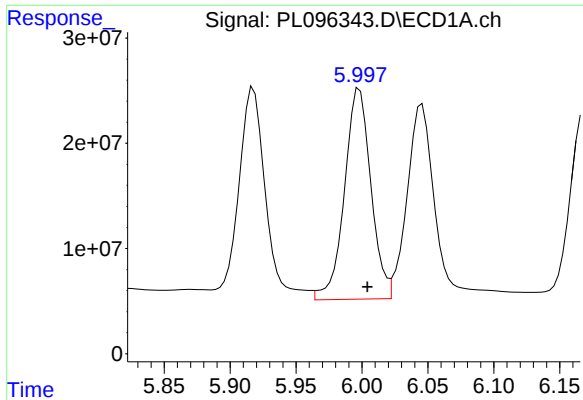
#25 Chlordane-3

R.T.: 5.918 min  
Delta R.T.: -0.002 min  
Response: 295795011  
Conc: 401.48 ng/ml



#25 Chlordane-3

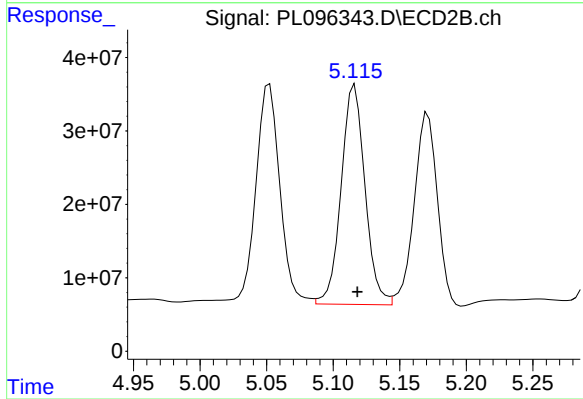
R.T.: 5.052 min  
Delta R.T.: -0.003 min  
Response: 377427084  
Conc: 469.12 ng/ml



#26 Chlordane-4

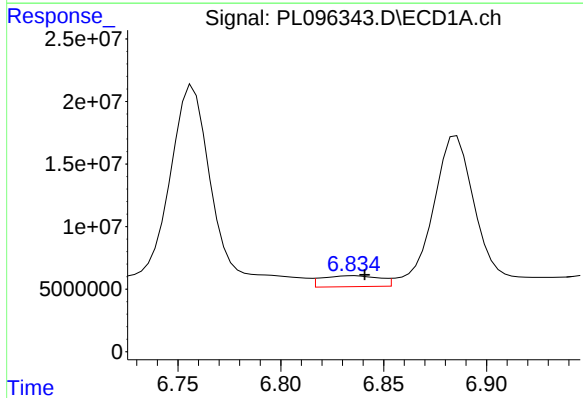
R.T.: 5.998 min  
Delta R.T.: -0.006 min  
Response: 279362263  
Conc: 311.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



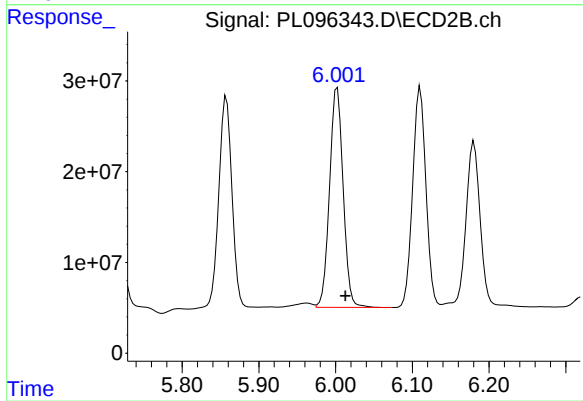
#26 Chlordane-4

R.T.: 5.116 min  
Delta R.T.: -0.002 min  
Response: 372573167  
Conc: 495.82 ng/ml



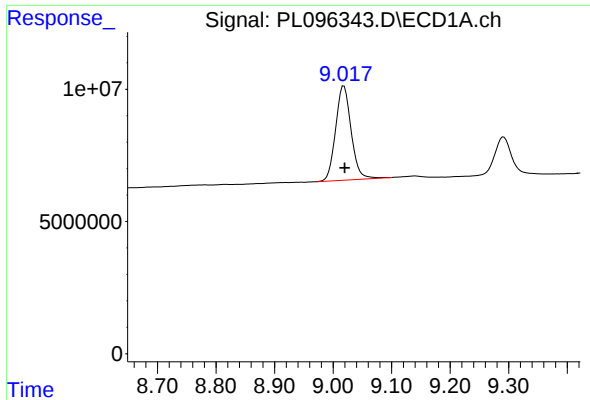
#27 Chlordane-5

R.T.: 6.835 min  
Delta R.T.: -0.005 min  
Response: 16970446  
Conc: 112.43 ng/ml



#27 Chlordane-5

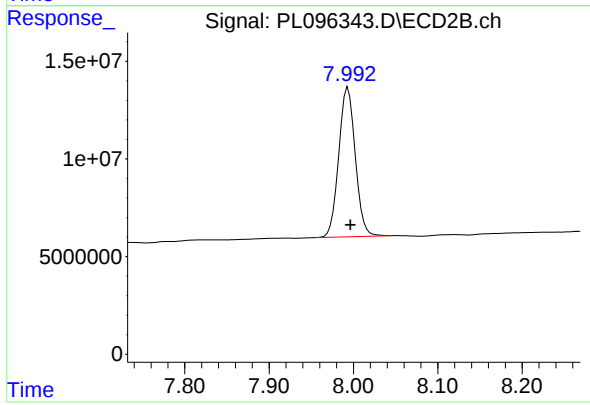
R.T.: 6.002 min  
Delta R.T.: -0.010 min  
Response: 298124883  
Conc: 1051.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.018 min  
Delta R.T.: -0.001 min  
Response: 65963011  
Conc: 23.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.994 min  
Delta R.T.: -0.003 min  
Response: 104288303  
Conc: 20.91 ng/ml