

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030325\  
 Data File : PL094467.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Mar 2025 10:28  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 03 13:10:13 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022125.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Feb 21 14:52:19 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... | 3.541 | 2.771  | 131.8E6  | 172.7E6  | 51.925  | 54.114     |
| 28)                         | SA Decachlor... | 9.055 | 7.906  | 98249458 | 170.1E6  | 46.186  | 44.235     |
| Target Compounds            |                 |       |        |          |          |         |            |
| 2)                          | A alpha-BHC     | 3.997 | 3.273  | 189.1E6  | 261.8E6  | 49.994  | 53.277     |
| 3)                          | MA gamma-BHC... | 4.330 | 3.603  | 182.4E6  | 250.7E6  | 49.364  | 53.234     |
| 4)                          | MA Heptachlor   | 4.917 | 3.941  | 165.2E6  | 238.9E6  | 48.739  | 50.620     |
| 5)                          | MB Aldrin       | 5.259 | 4.220  | 167.3E6  | 241.0E6  | 48.737  | 52.169     |
| 6)                          | B beta-BHC      | 4.528 | 3.903  | 78598782 | 104.7E6  | 49.220  | 52.656     |
| 7)                          | B delta-BHC     | 4.776 | 4.132  | 174.1E6  | 251.3E6  | 49.201  | 53.069     |
| 8)                          | B Heptachlo...  | 5.685 | 4.723  | 146.9E6  | 220.0E6  | 48.748  | 51.689     |
| 9)                          | A Endosulfan I  | 6.071 | 5.093  | 130.4E6  | 204.7E6  | 47.427  | 51.355     |
| 10)                         | B gamma-Chl...  | 5.942 | 4.973  | 140.3E6  | 223.8E6  | 47.799  | 51.571     |
| 11)                         | B alpha-Chl...  | 6.020 | 5.037  | 139.4E6  | 220.6E6  | 48.123  | 51.083     |
| 12)                         | B 4,4'-DDE      | 6.195 | 5.226  | 131.0E6  | 218.1E6  | 50.149  | 51.920     |
| 13)                         | MA Dieldrin     | 6.346 | 5.357  | 135.6E6  | 225.4E6  | 47.598  | 51.448     |
| 14)                         | MA Endrin       | 6.576 | 5.632  | 106.9E6  | 180.5E6  | 41.893  | 53.003 #   |
| 15)                         | B Endosulfa...  | 6.795 | 5.928  | 114.8E6  | 194.5E6  | 45.591  | 52.023     |
| 16)                         | A 4,4'-DDD      | 6.712 | 5.781  | 100.9E6  | 180.8E6  | 54.524  | 56.769     |
| 17)                         | MA 4,4'-DDT     | 7.025 | 6.031  | 96308137 | 169.8E6  | 45.860  | 47.735     |
| 18)                         | B Endrin al...  | 6.926 | 6.107  | 94579422 | 158.9E6  | 48.582  | 50.270     |
| 19)                         | B Endosulfa...  | 7.160 | 6.330  | 105.2E6  | 185.4E6  | 46.487  | 50.199     |
| 20)                         | A Methoxychlor  | 7.501 | 6.606  | 49509643 | 86911161 | 44.561  | 44.546     |
| 21)                         | B Endrin ke...  | 7.645 | 6.835  | 120.4E6  | 224.7E6  | 48.034  | 52.643     |
| 22)                         | Mirex           | 8.117 | 7.015  | 92504664 | 173.0E6  | 44.833  | 49.611     |
| 24)                         | Chlordane-2     | 0.000 | 4.361f | 0        | 614158   | N.D.    | 3.895 #    |
| 25)                         | Chlordane-3     | 5.942 | 4.973  | 140.3E6  | 223.8E6  | 320.528 | 470.991 #  |
| 26)                         | Chlordane-4     | 6.020 | 5.037  | 139.4E6  | 220.6E6  | 263.036 | 469.210 #  |
| 27)                         | Chlordane-5     | 0.000 | 5.928  | 0        | 194.5E6  | N.D.    | 1188.201 # |
| -----                       |                 |       |        |          |          |         |            |

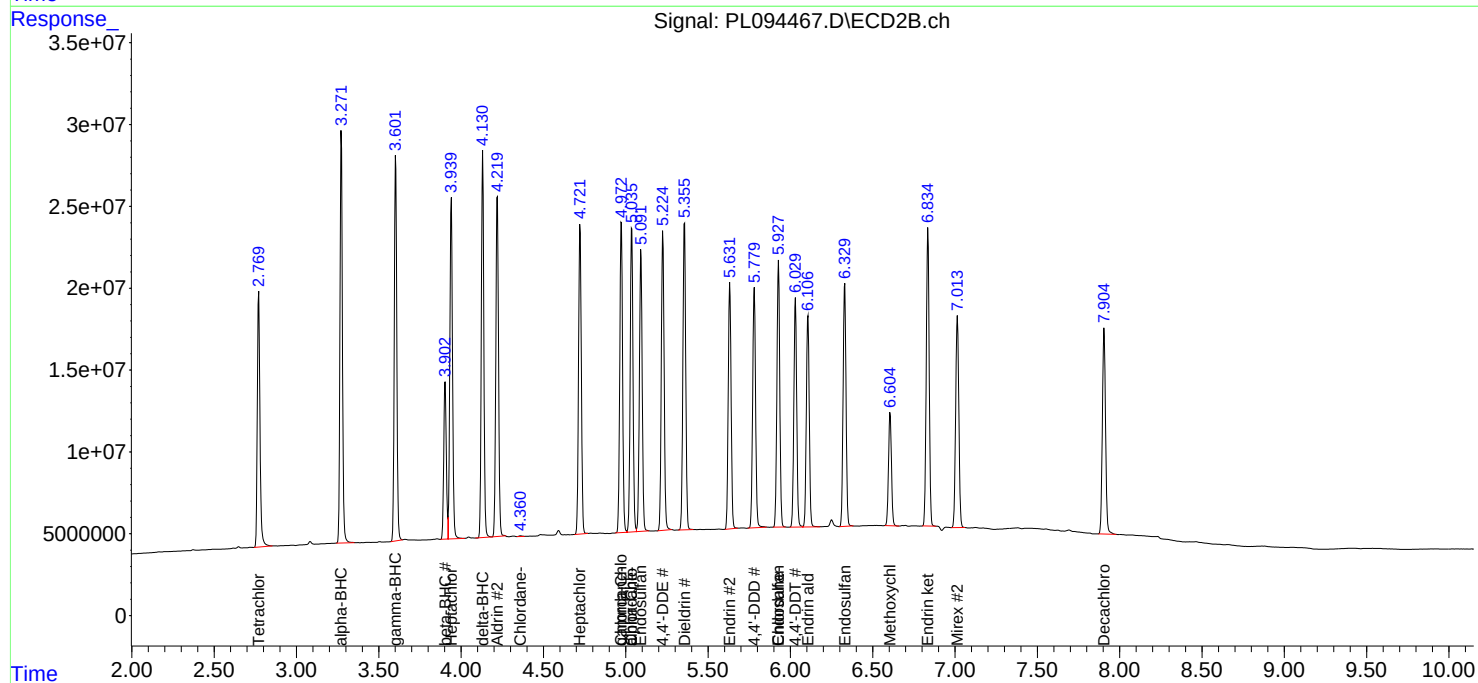
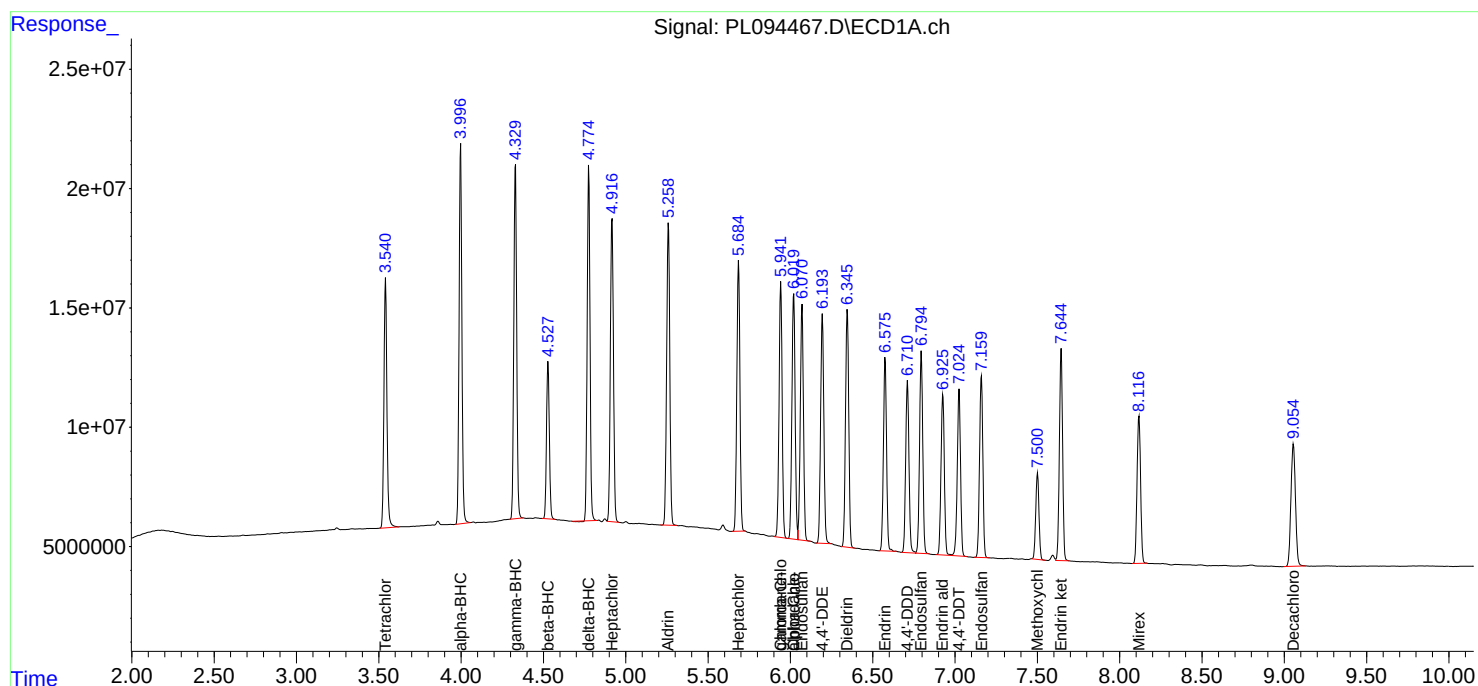
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

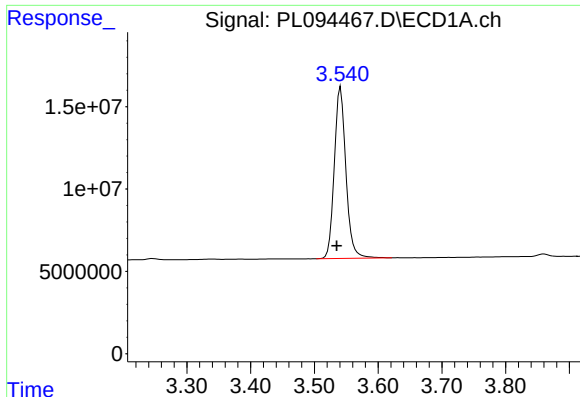
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030325\  
Data File : PL094467.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Mar 2025 10:28  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 03 13:10:13 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022125.M  
Quant Title : GC Extractables  
QLast Update : Fri Feb 21 14:52:19 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

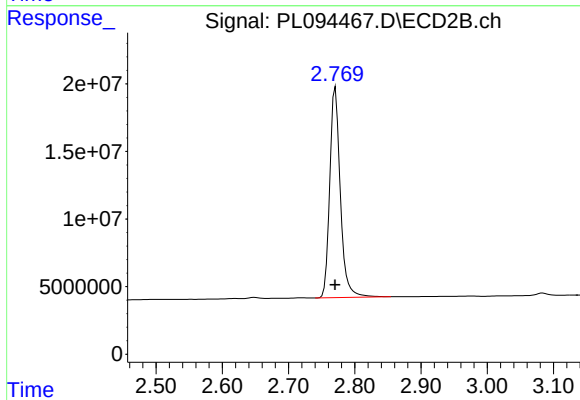




#1 Tetrachloro-m-xylene

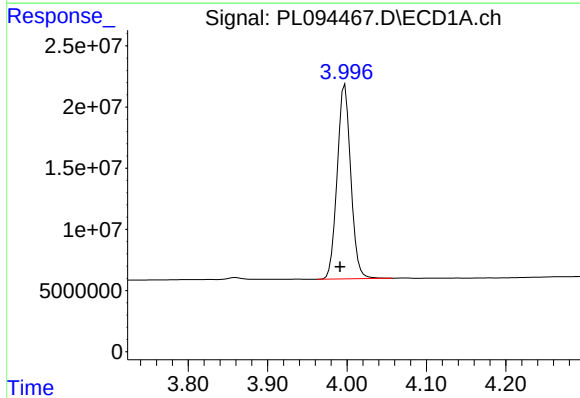
R.T.: 3.541 min  
Delta R.T.: 0.006 min  
Response: 131843325  
Conc: 51.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



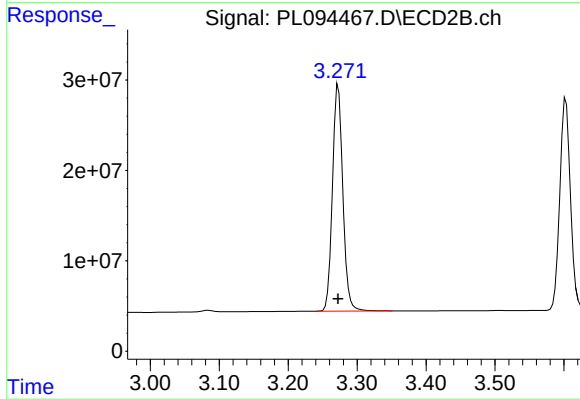
#1 Tetrachloro-m-xylene

R.T.: 2.771 min  
Delta R.T.: 0.000 min  
Response: 172687474  
Conc: 54.11 ng/ml



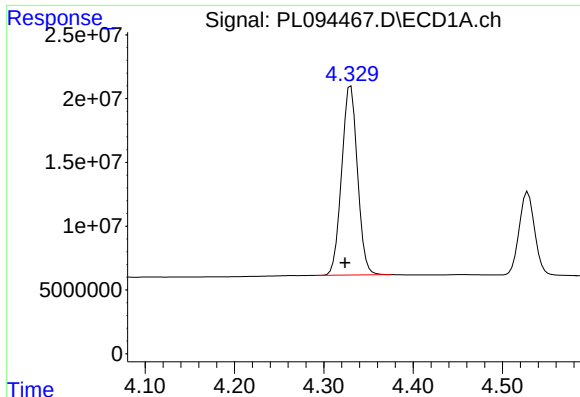
#2 alpha-BHC

R.T.: 3.997 min  
Delta R.T.: 0.006 min  
Response: 189108836  
Conc: 49.99 ng/ml



#2 alpha-BHC

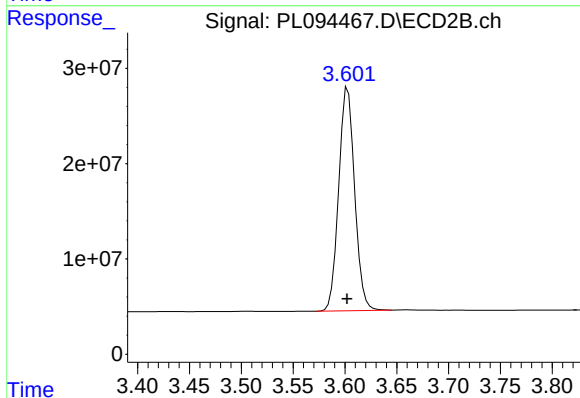
R.T.: 3.273 min  
Delta R.T.: 0.000 min  
Response: 261846047  
Conc: 53.28 ng/ml



#3 gamma-BHC (Lindane)

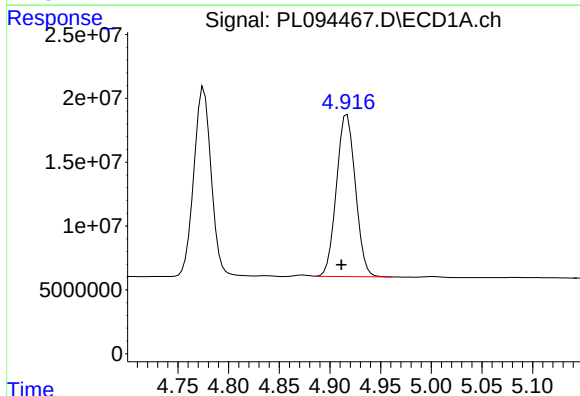
R.T.: 4.330 min  
Delta R.T.: 0.007 min  
Response: 182385122  
Conc: 49.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



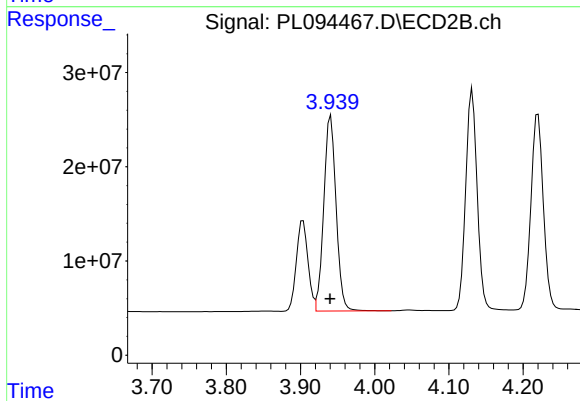
#3 gamma-BHC (Lindane)

R.T.: 3.603 min  
Delta R.T.: 0.000 min  
Response: 250726988  
Conc: 53.23 ng/ml



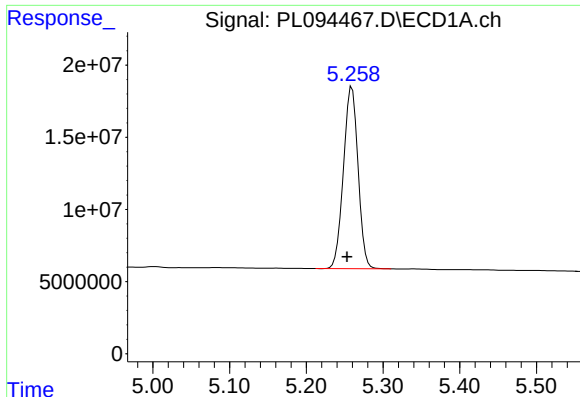
#4 Heptachlor

R.T.: 4.917 min  
Delta R.T.: 0.005 min  
Response: 165242923  
Conc: 48.74 ng/ml



#4 Heptachlor

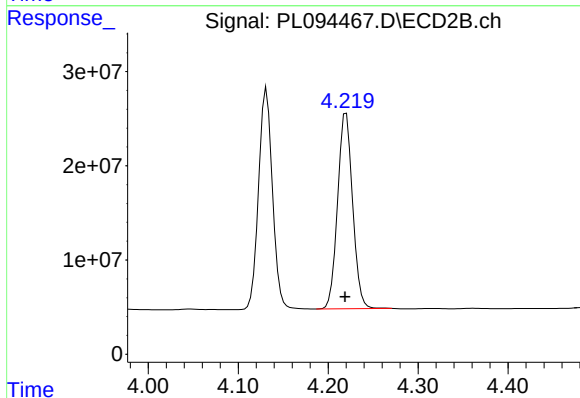
R.T.: 3.941 min  
Delta R.T.: 0.001 min  
Response: 238942186  
Conc: 50.62 ng/ml



#5 Aldrin

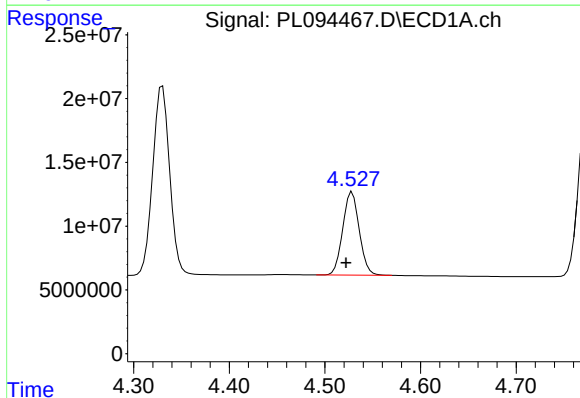
R.T.: 5.259 min  
Delta R.T.: 0.006 min  
Response: 167254339  
Conc: 48.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



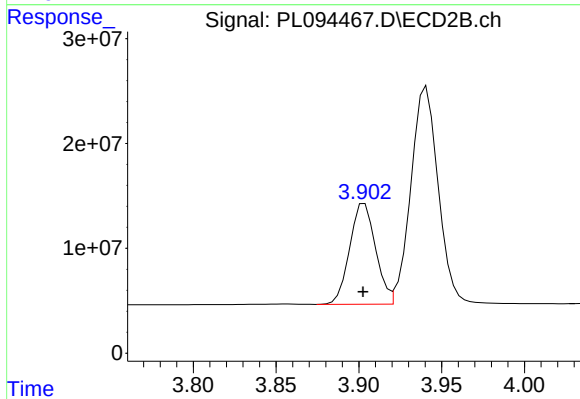
#5 Aldrin

R.T.: 4.220 min  
Delta R.T.: 0.001 min  
Response: 241039492  
Conc: 52.17 ng/ml



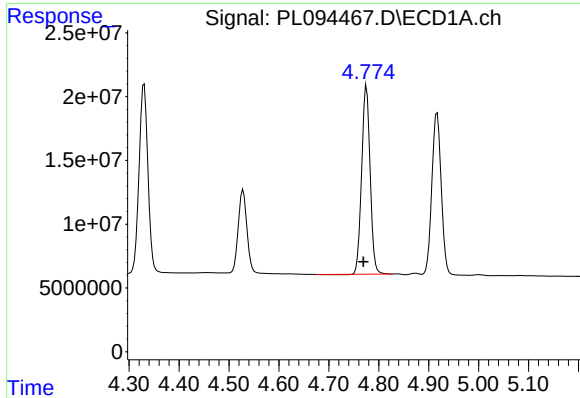
#6 beta-BHC

R.T.: 4.528 min  
Delta R.T.: 0.006 min  
Response: 78598782  
Conc: 49.22 ng/ml



#6 beta-BHC

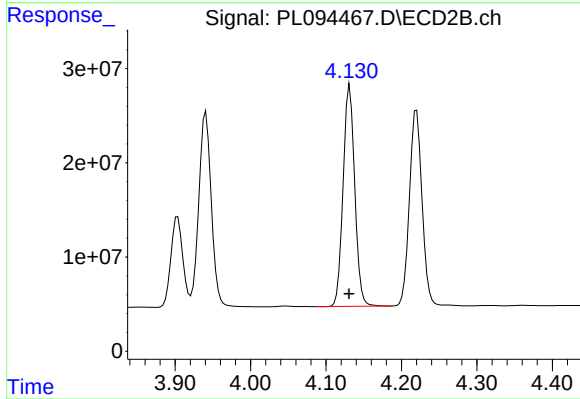
R.T.: 3.903 min  
Delta R.T.: 0.000 min  
Response: 104728095  
Conc: 52.66 ng/ml



#7 delta-BHC

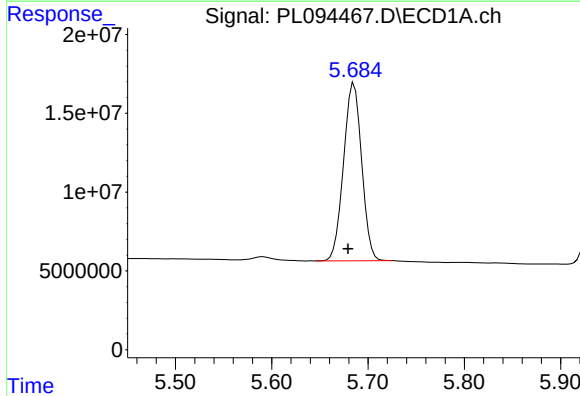
R.T.: 4.776 min  
Delta R.T.: 0.006 min  
Response: 174086075  
Conc: 49.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



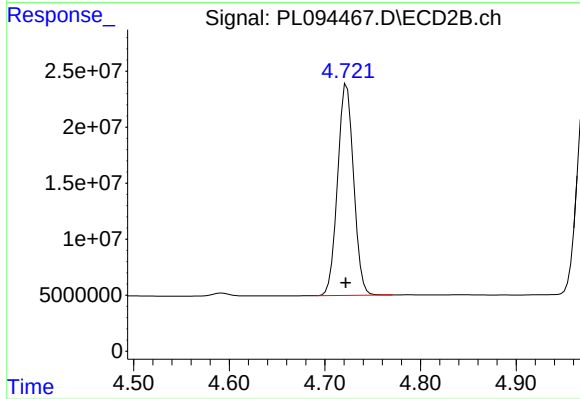
#7 delta-BHC

R.T.: 4.132 min  
Delta R.T.: 0.001 min  
Response: 251320747  
Conc: 53.07 ng/ml



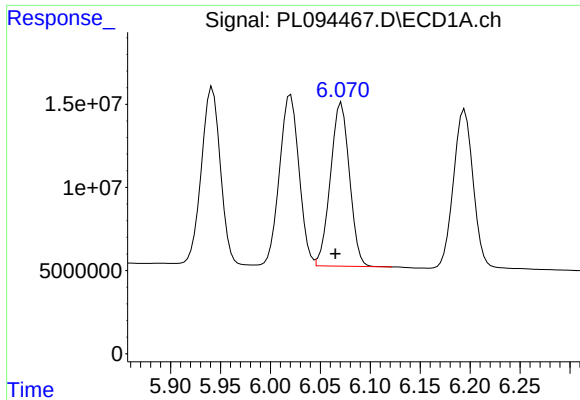
#8 Heptachlor epoxide

R.T.: 5.685 min  
Delta R.T.: 0.006 min  
Response: 146896008  
Conc: 48.75 ng/ml



#8 Heptachlor epoxide

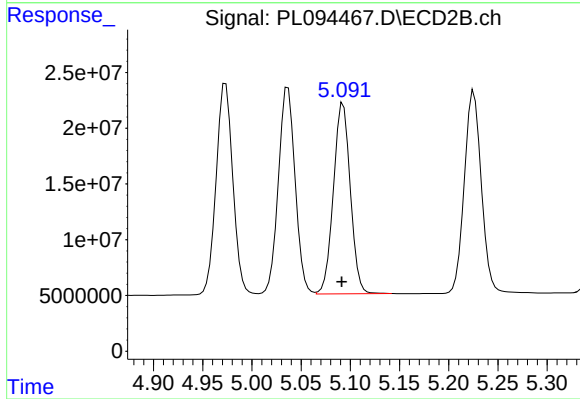
R.T.: 4.723 min  
Delta R.T.: 0.000 min  
Response: 219957912  
Conc: 51.69 ng/ml



#9 Endosulfan I

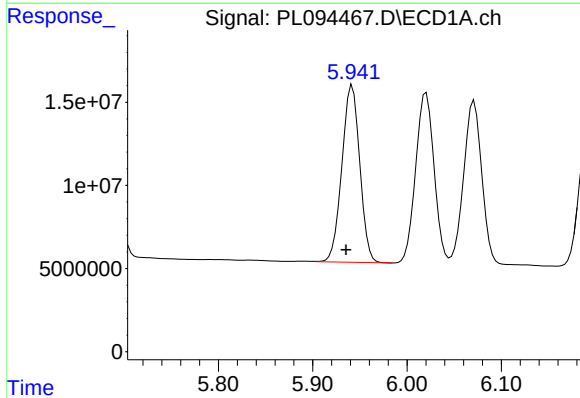
R.T.: 6.071 min  
Delta R.T.: 0.006 min  
Response: 130360303  
Conc: 47.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



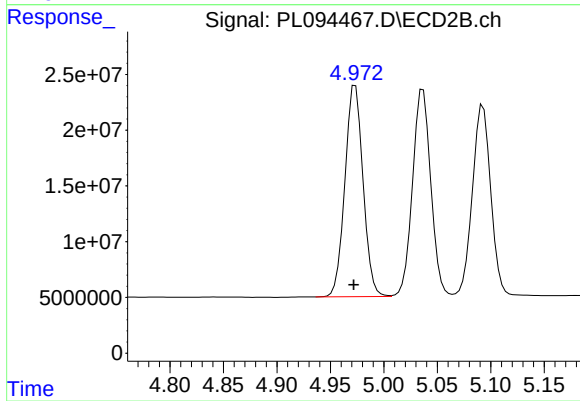
#9 Endosulfan I

R.T.: 5.093 min  
Delta R.T.: 0.002 min  
Response: 204730629  
Conc: 51.36 ng/ml



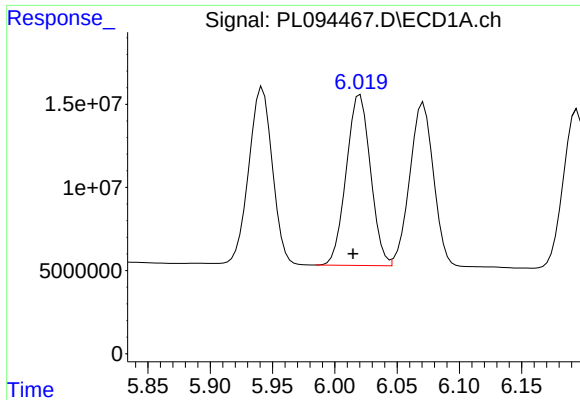
#10 gamma-Chlordane

R.T.: 5.942 min  
Delta R.T.: 0.007 min  
Response: 140345314  
Conc: 47.80 ng/ml



#10 gamma-Chlordane

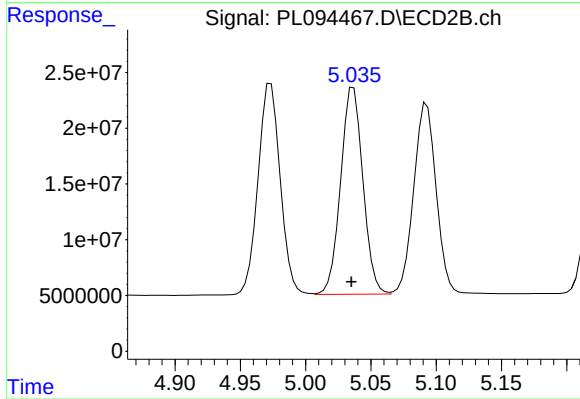
R.T.: 4.973 min  
Delta R.T.: 0.001 min  
Response: 223756335  
Conc: 51.57 ng/ml



#11 alpha-Chlordane

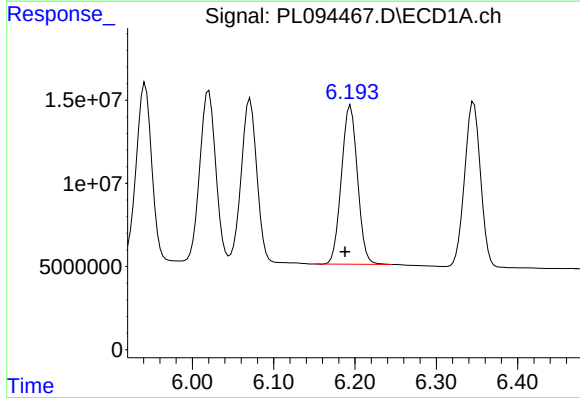
R.T.: 6.020 min  
Delta R.T.: 0.006 min  
Response: 139417160  
Conc: 48.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



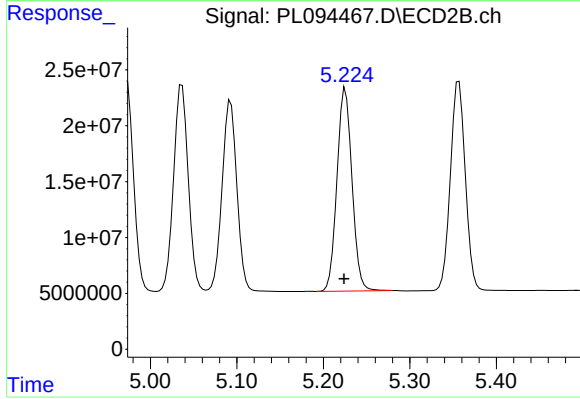
#11 alpha-Chlordane

R.T.: 5.037 min  
Delta R.T.: 0.001 min  
Response: 220555238  
Conc: 51.08 ng/ml



#12 4,4'-DDE

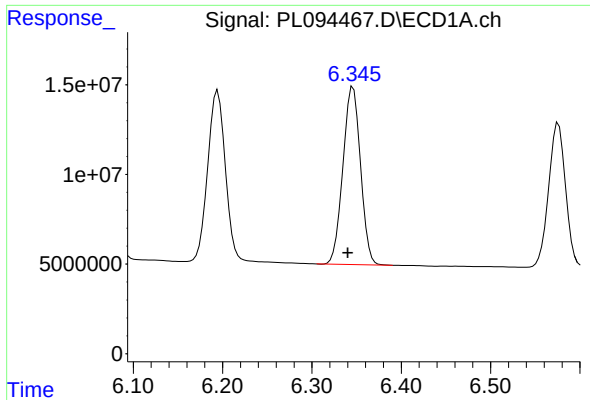
R.T.: 6.195 min  
Delta R.T.: 0.006 min  
Response: 130974764  
Conc: 50.15 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min  
Delta R.T.: 0.002 min  
Response: 218063001  
Conc: 51.92 ng/ml

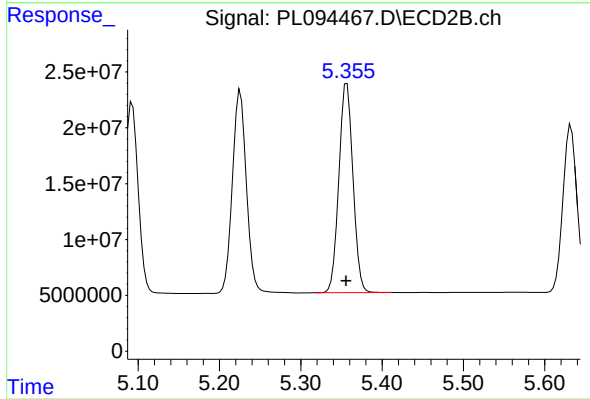




#13 Dieldrin

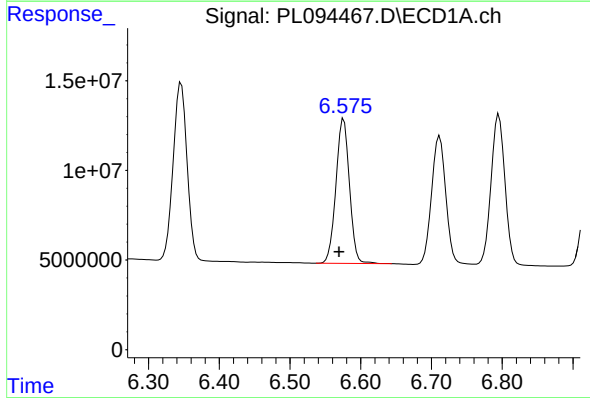
R.T.: 6.346 min  
Delta R.T.: 0.006 min  
Response: 135608558  
Conc: 47.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



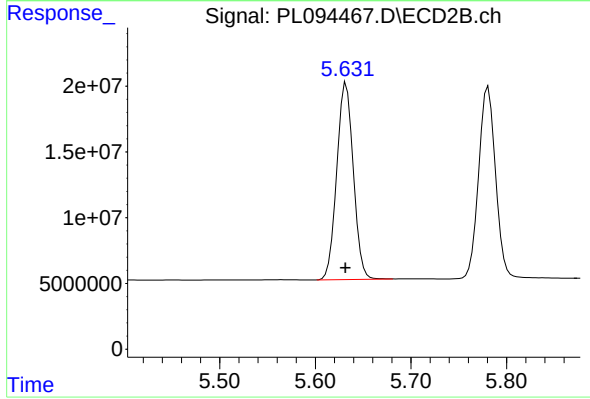
#13 Dieldrin

R.T.: 5.357 min  
Delta R.T.: 0.001 min  
Response: 225433571  
Conc: 51.45 ng/ml



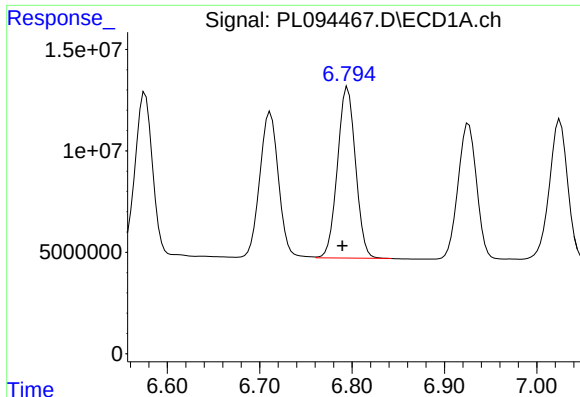
#14 Endrin

R.T.: 6.576 min  
Delta R.T.: 0.006 min  
Response: 106921643  
Conc: 41.89 ng/ml



#14 Endrin

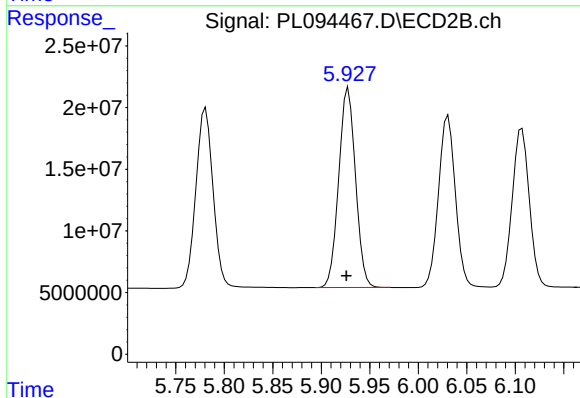
R.T.: 5.632 min  
Delta R.T.: 0.000 min  
Response: 180459264  
Conc: 53.00 ng/ml



#15 Endosulfan II

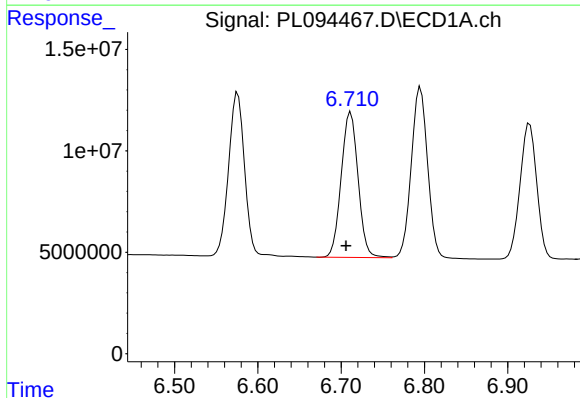
R.T.: 6.795 min  
Delta R.T.: 0.006 min  
Response: 114763015  
Conc: 45.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



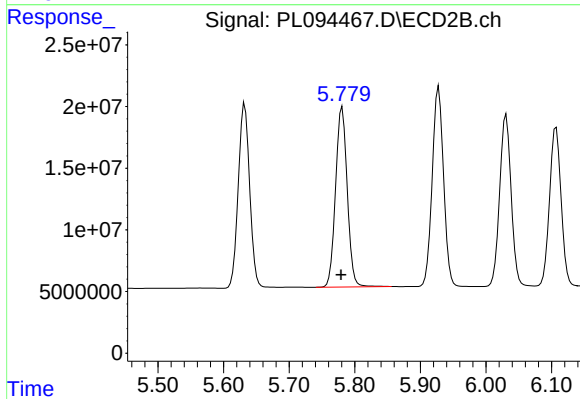
#15 Endosulfan II

R.T.: 5.928 min  
Delta R.T.: 0.002 min  
Response: 194539920  
Conc: 52.02 ng/ml



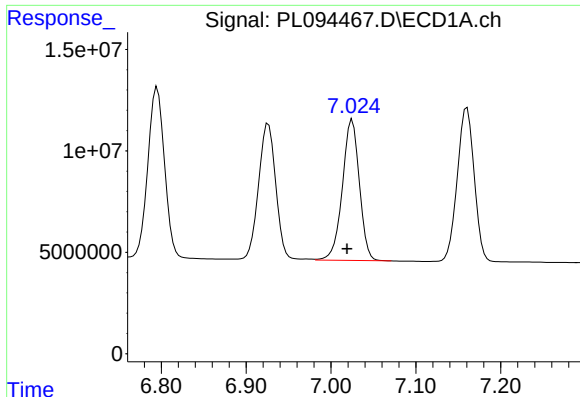
#16 4,4'-DDD

R.T.: 6.712 min  
Delta R.T.: 0.005 min  
Response: 100855449  
Conc: 54.52 ng/ml



#16 4,4'-DDD

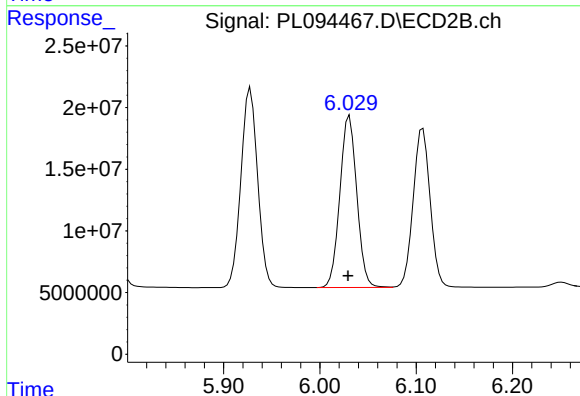
R.T.: 5.781 min  
Delta R.T.: 0.002 min  
Response: 180826993  
Conc: 56.77 ng/ml



#17 4,4'-DDT

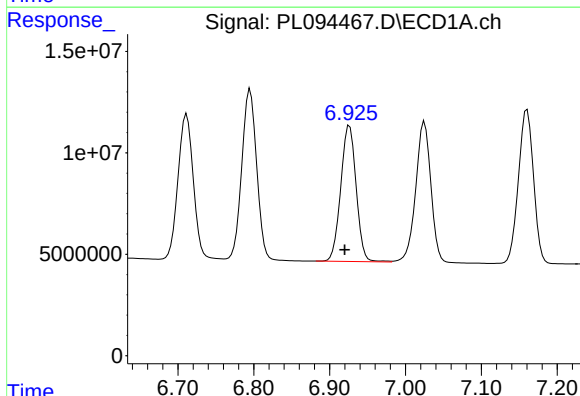
R.T.: 7.025 min  
Delta R.T.: 0.006 min  
Response: 96308137  
Conc: 45.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



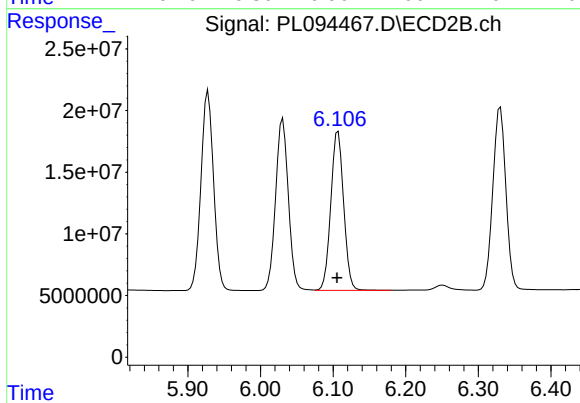
#17 4,4'-DDT

R.T.: 6.031 min  
Delta R.T.: 0.002 min  
Response: 169792213  
Conc: 47.73 ng/ml



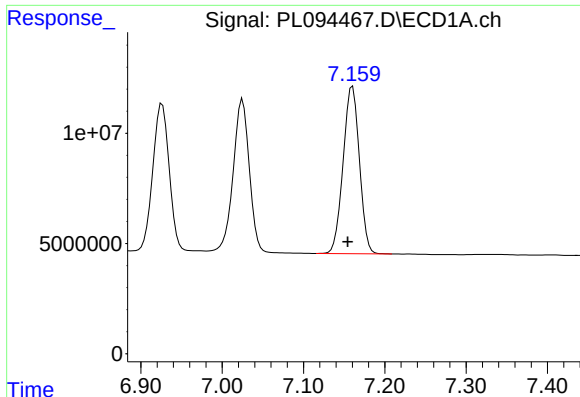
#18 Endrin aldehyde

R.T.: 6.926 min  
Delta R.T.: 0.006 min  
Response: 94579422  
Conc: 48.58 ng/ml



#18 Endrin aldehyde

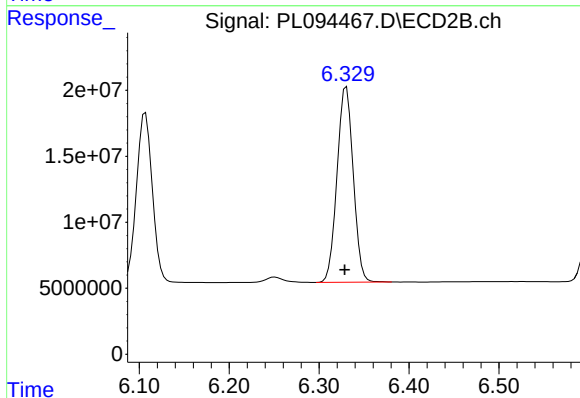
R.T.: 6.107 min  
Delta R.T.: 0.001 min  
Response: 158873834  
Conc: 50.27 ng/ml



#19 Endosulfan Sulfate

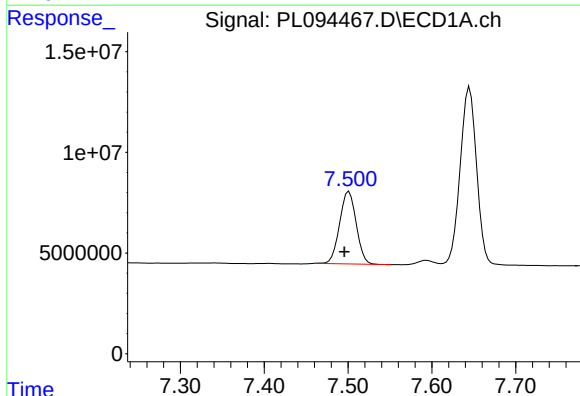
R.T.: 7.160 min  
Delta R.T.: 0.006 min  
Response: 105239519  
Conc: 46.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



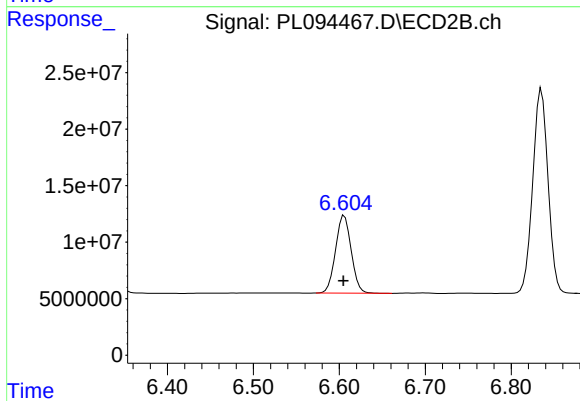
#19 Endosulfan Sulfate

R.T.: 6.330 min  
Delta R.T.: 0.002 min  
Response: 185416484  
Conc: 50.20 ng/ml



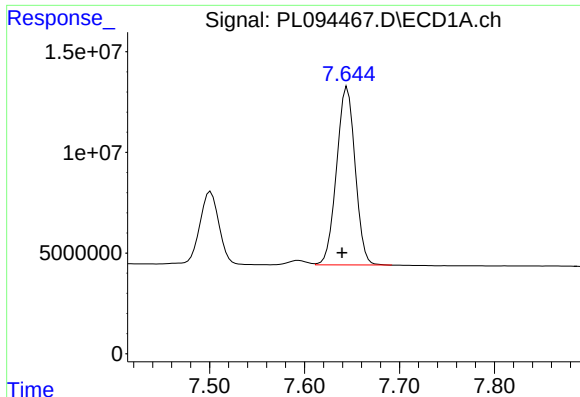
#20 Methoxychlor

R.T.: 7.501 min  
Delta R.T.: 0.006 min  
Response: 49509643  
Conc: 44.56 ng/ml



#20 Methoxychlor

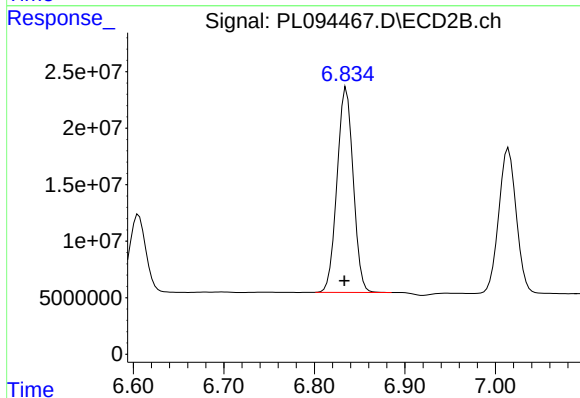
R.T.: 6.606 min  
Delta R.T.: 0.001 min  
Response: 86911161  
Conc: 44.55 ng/ml



#21 Endrin ketone

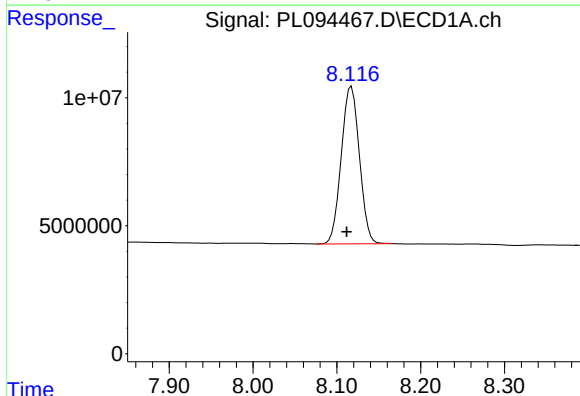
R.T.: 7.645 min  
Delta R.T.: 0.006 min  
Response: 120417612  
Conc: 48.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



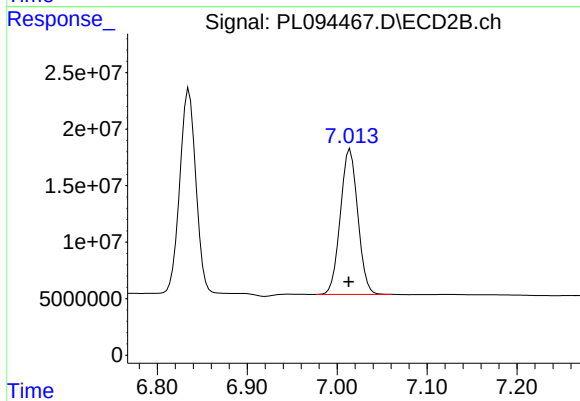
#21 Endrin ketone

R.T.: 6.835 min  
Delta R.T.: 0.002 min  
Response: 224653926  
Conc: 52.64 ng/ml



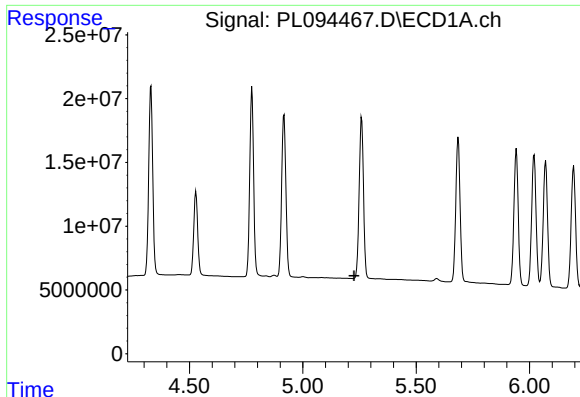
#22 Mirex

R.T.: 8.117 min  
Delta R.T.: 0.006 min  
Response: 92504664  
Conc: 44.83 ng/ml



#22 Mirex

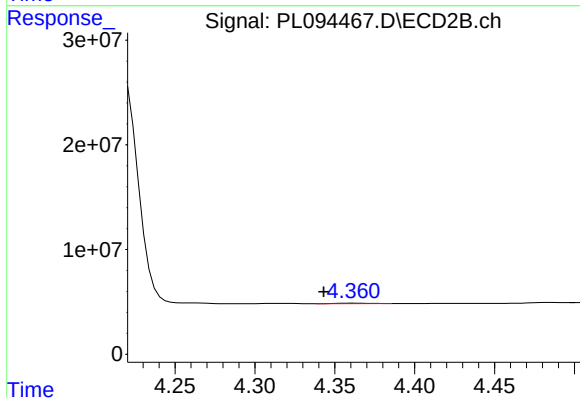
R.T.: 7.015 min  
Delta R.T.: 0.002 min  
Response: 172996623  
Conc: 49.61 ng/ml



#24 Chlordane-2

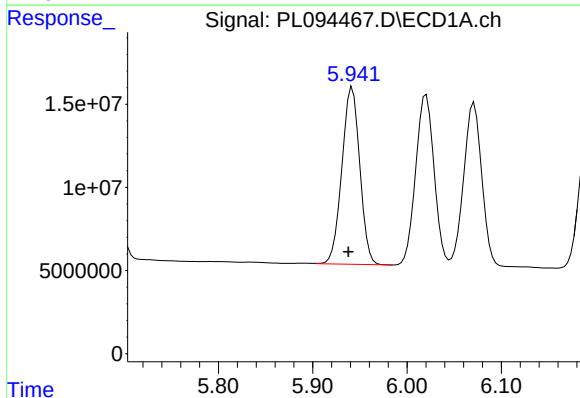
R.T.: 0.000 min  
Exp R.T.: 5.227 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



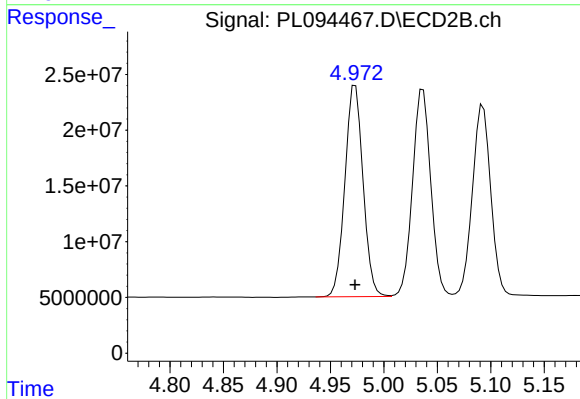
#24 Chlordane-2

R.T.: 4.361 min  
Delta R.T.: 0.018 min  
Response: 614158  
Conc: 3.90 ng/ml



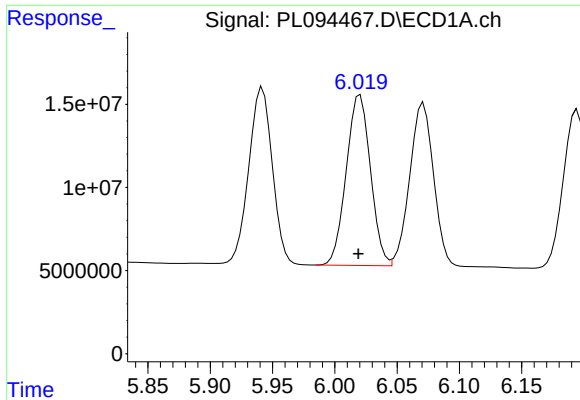
#25 Chlordane-3

R.T.: 5.942 min  
Delta R.T.: 0.004 min  
Response: 140345314  
Conc: 320.53 ng/ml



#25 Chlordane-3

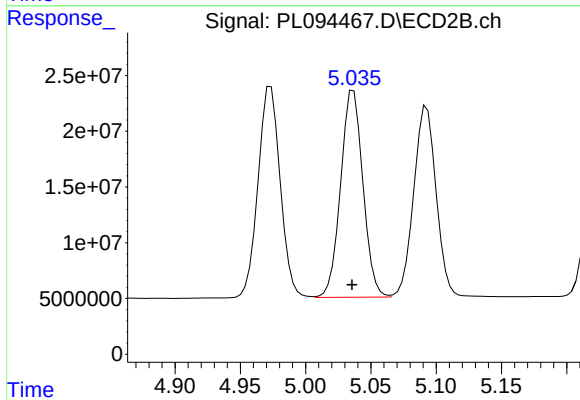
R.T.: 4.973 min  
Delta R.T.: 0.000 min  
Response: 223756335  
Conc: 470.99 ng/ml



#26 Chlordane-4

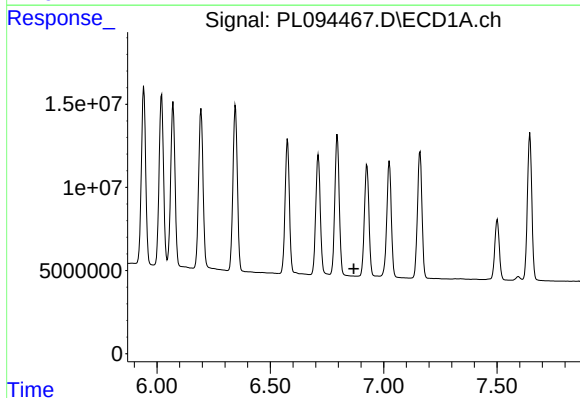
R.T.: 6.020 min  
Delta R.T.: 0.001 min  
Response: 139417160  
Conc: 263.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



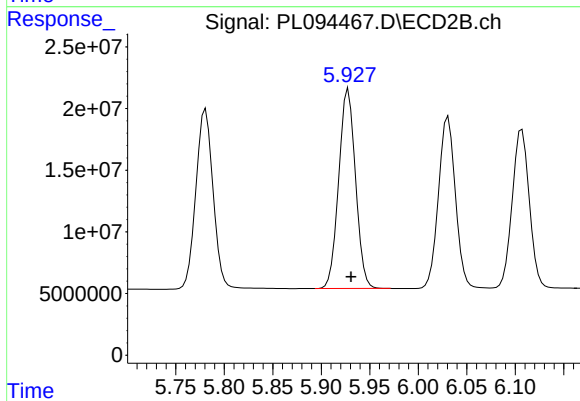
#26 Chlordane-4

R.T.: 5.037 min  
Delta R.T.: 0.001 min  
Response: 220555238  
Conc: 469.21 ng/ml



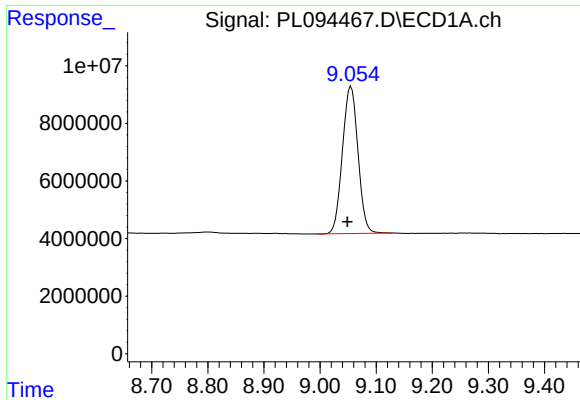
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.868 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

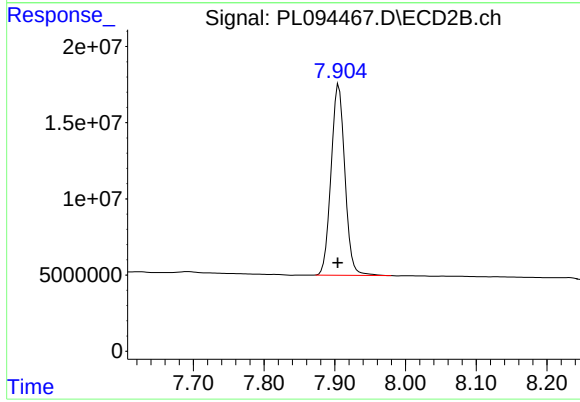
R.T.: 5.928 min  
Delta R.T.: -0.003 min  
Response: 194539920  
Conc: 1188.20 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.055 min  
Delta R.T.: 0.006 min  
Response: 98249458  
Conc: 46.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.906 min  
Delta R.T.: 0.001 min  
Response: 170110943  
Conc: 44.23 ng/ml