

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022125\  
 Data File : PL094367.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Feb 2025 20:59  
 Operator : AR\AJ  
 Sample : Q1393-01MSD  
 Misc :  
 ALS Vial : 44 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 22 00:31:16 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... | 3.536  | 2.770 | 52054236 | 66225245 | 20.501   | 20.753     |
| 28)                         | SA Decachlor... | 9.046  | 7.902 | 45444900 | 74759261 | 21.363   | 19.440     |
| Target Compounds            |                 |        |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.991  | 3.272 | 166.7E6  | 226.3E6  | 44.063   | 46.035     |
| 3)                          | MA gamma-BHC... | 4.324  | 3.602 | 159.7E6  | 215.9E6  | 43.217   | 45.842     |
| 4)                          | MA Heptachlor   | 4.911  | 3.939 | 150.0E6  | 221.5E6  | 44.241   | 46.925     |
| 5)                          | MB Aldrin       | 5.252  | 4.219 | 146.1E6  | 213.8E6  | 42.577   | 46.279     |
| 6)                          | B beta-BHC      | 4.522  | 3.902 | 73482260 | 94855446 | 46.016   | 47.692     |
| 7)                          | B delta-BHC     | 4.769  | 4.130 | 156.9E6  | 216.0E6  | 44.352   | 45.620     |
| 8)                          | B Heptachlo...  | 5.678  | 4.721 | 144.3E6  | 196.9E6  | 47.896   | 46.262     |
| 9)                          | A Endosulfan I  | 6.064  | 5.090 | 116.0E6  | 182.1E6  | 42.190   | 45.672     |
| 10)                         | B gamma-Chl...  | 5.935  | 4.971 | 165.8E6  | 229.1E6  | 56.481   | 52.806     |
| 11)                         | B alpha-Chl...  | 6.013  | 5.034 | 125.3E6  | 204.2E6  | 43.261   | 47.297     |
| 12)                         | B 4,4'-DDE      | 6.187  | 5.223 | 136.0E6  | 192.3E6  | 52.067   | 45.797     |
| 13)                         | MA Dieldrin     | 6.338  | 5.355 | 127.2E6  | 254.5E6  | 44.630   | 58.082 #   |
| 14)                         | MA Endrin       | 6.568  | 5.630 | 143.2E6  | 121.7E6  | 56.105   | 35.735 #   |
| 15)                         | B Endosulfa...  | 6.788  | 5.923 | 100.6E6  | 213.4E6  | 39.977   | 57.067 #   |
| 16)                         | A 4,4'-DDD      | 6.706  | 5.778 | 126.9E6  | 150.8E6  | 68.603   | 47.329 #   |
| 17)                         | MA 4,4'-DDT     | 7.018  | 6.026 | 104.4E6  | 275.8E6  | 49.730   | 77.538 #   |
| 18)                         | B Endrin al...  | 6.919  | 6.104 | 85394058 | 140.7E6  | 43.864   | 44.510     |
| 19)                         | B Endosulfa...  | 7.153  | 6.326 | 104.5E6  | 201.0E6  | 46.163   | 54.405     |
| 20)                         | A Methoxychlor  | 7.494  | 6.603 | 48360543 | 69112520 | 43.527   | 35.424     |
| 21)                         | B Endrin ke...  | 7.638  | 6.832 | 123.9E6  | 193.0E6  | 49.411   | 45.214     |
| 22)                         | Mirex           | 8.110  | 7.011 | 85092042 | 146.1E6  | 41.241   | 41.909     |
| 23)                         | Chlordane-1     | 0.000  | 3.761 | 0        | 1375130  | N.D.     | 10.125 #   |
| 24)                         | Chlordane-2     | 5.252f | 4.355 | 146.1E6  | 1020474  | 1165.084 | 6.472 #    |
| 25)                         | Chlordane-3     | 5.935  | 4.971 | 165.8E6  | 229.1E6  | 378.743  | 482.271 #  |
| 26)                         | Chlordane-4     | 6.013  | 5.034 | 125.3E6  | 204.2E6  | 236.460  | 434.438 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.923 | 0        | 213.4E6  | N.D.     | 1303.426 # |
| -----                       |                 |        |       |          |          |          |            |

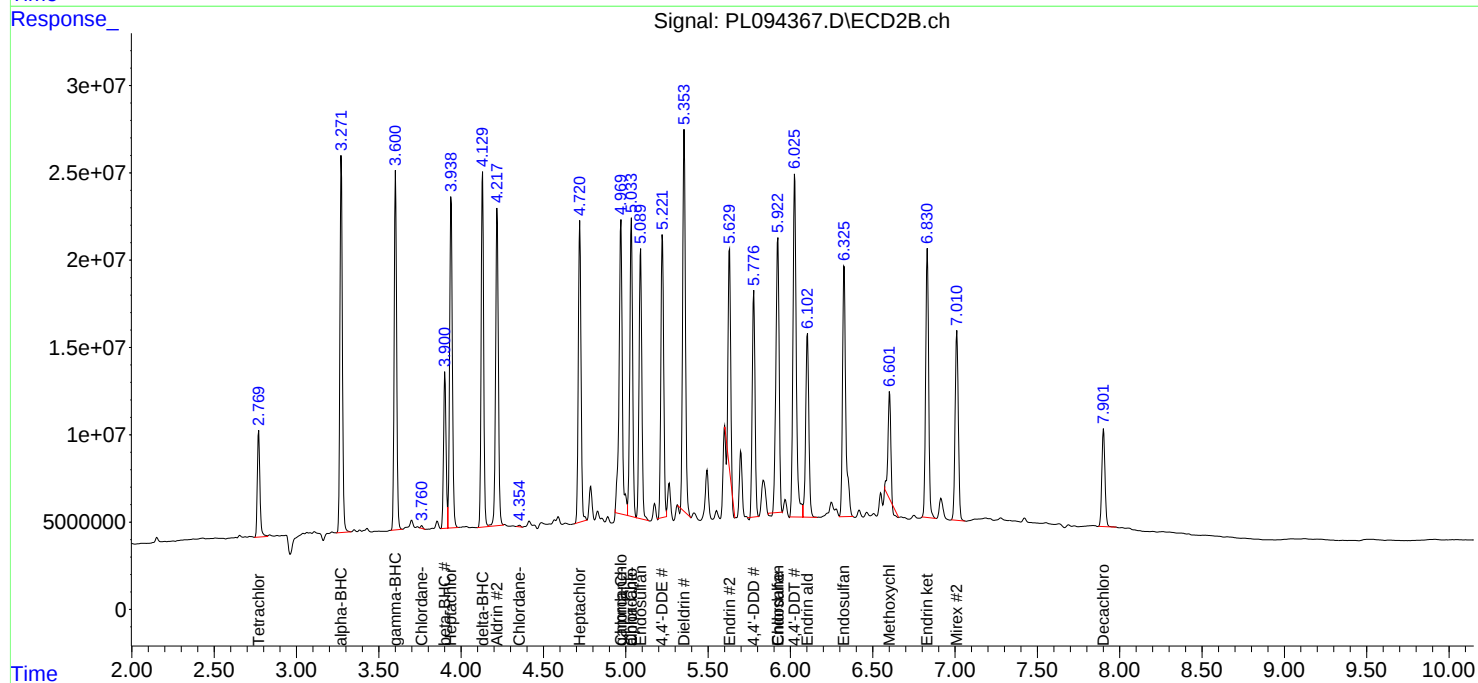
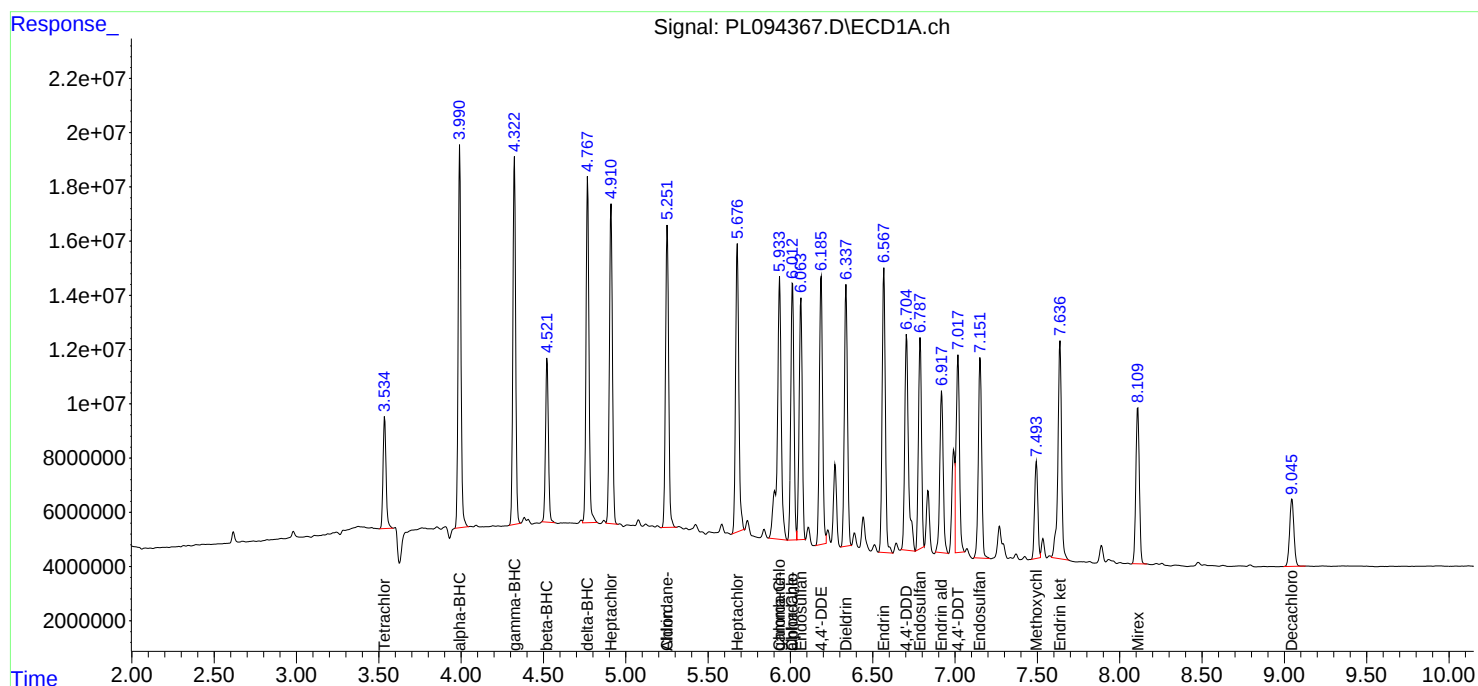
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

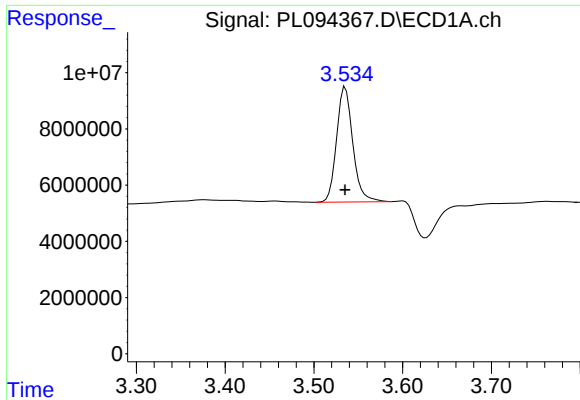
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022125\  
Data File : PL094367.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Feb 2025 20:59  
Operator : AR\AJ  
Sample : Q1393-01MSD  
Misc :  
ALS Vial : 44 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 22 00:31:16 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

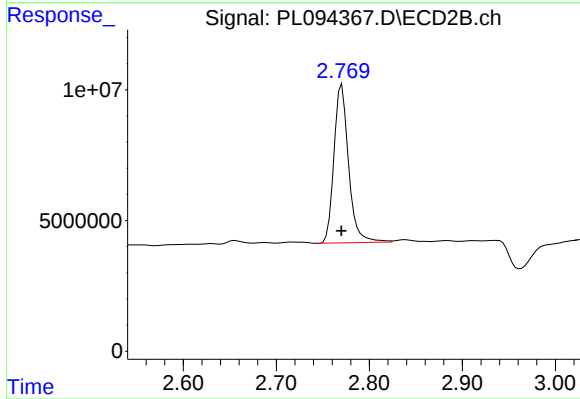




#1 Tetrachloro-m-xylene

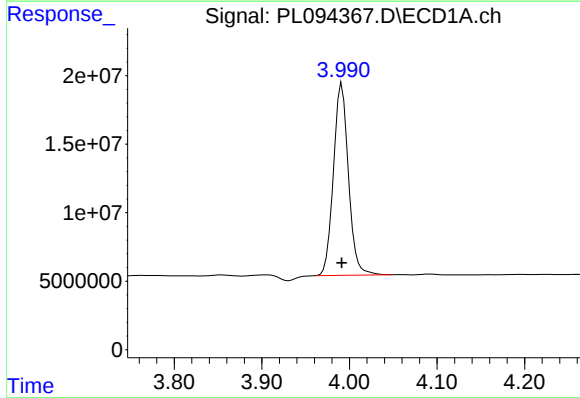
R.T.: 3.536 min  
Delta R.T.: 0.000 min  
Response: 52054236  
Conc: 20.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



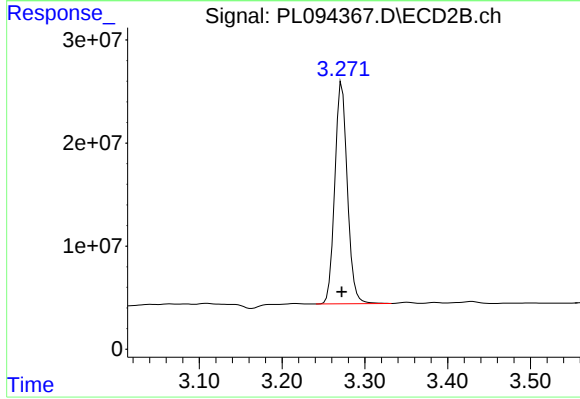
#1 Tetrachloro-m-xylene

R.T.: 2.770 min  
Delta R.T.: 0.000 min  
Response: 66225245  
Conc: 20.75 ng/ml



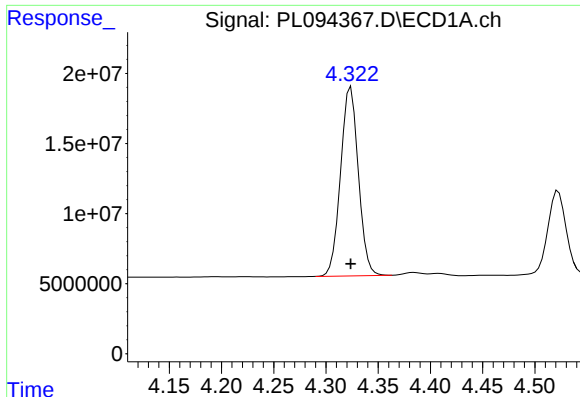
#2 alpha-BHC

R.T.: 3.991 min  
Delta R.T.: 0.000 min  
Response: 166674945  
Conc: 44.06 ng/ml



#2 alpha-BHC

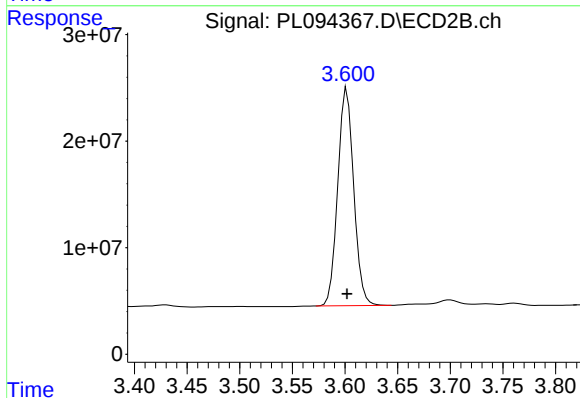
R.T.: 3.272 min  
Delta R.T.: 0.000 min  
Response: 226250879  
Conc: 46.03 ng/ml



#3 gamma-BHC (Lindane)

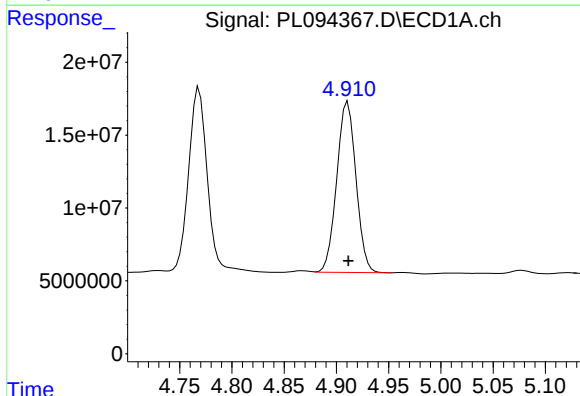
R.T.: 4.324 min  
Delta R.T.: 0.000 min  
Response: 159673749  
Conc: 43.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



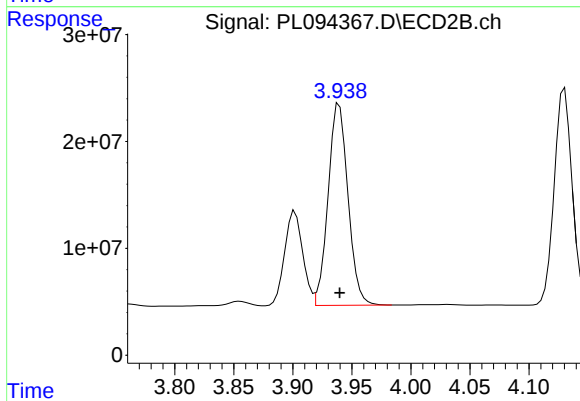
#3 gamma-BHC (Lindane)

R.T.: 3.602 min  
Delta R.T.: 0.000 min  
Response: 215912820  
Conc: 45.84 ng/ml



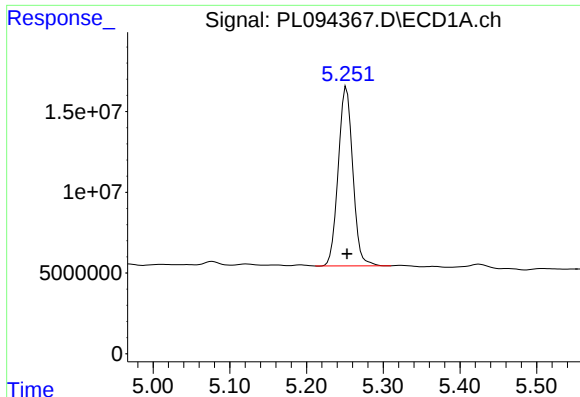
#4 Heptachlor

R.T.: 4.911 min  
Delta R.T.: 0.000 min  
Response: 149993776  
Conc: 44.24 ng/ml



#4 Heptachlor

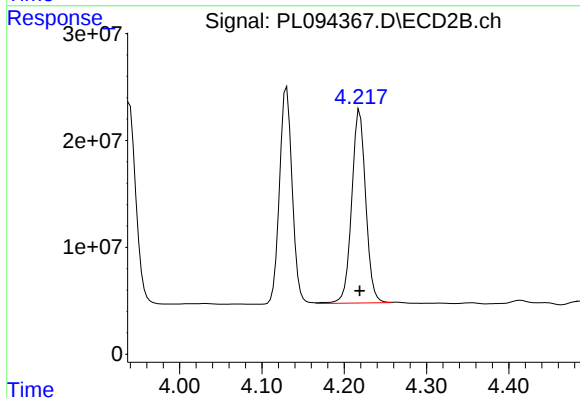
R.T.: 3.939 min  
Delta R.T.: 0.000 min  
Response: 221500355  
Conc: 46.92 ng/ml



#5 Aldrin

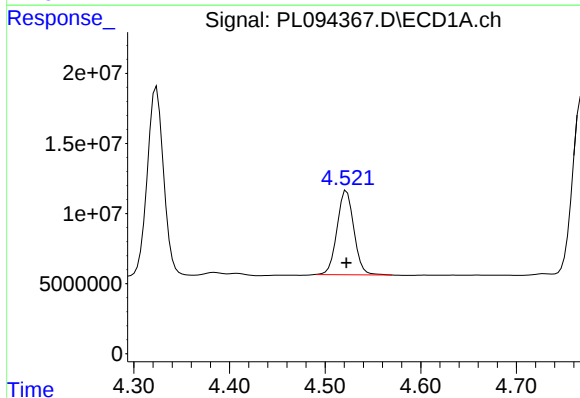
R.T.: 5.252 min  
Delta R.T.: -0.001 min  
Response: 146112073  
Conc: 42.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



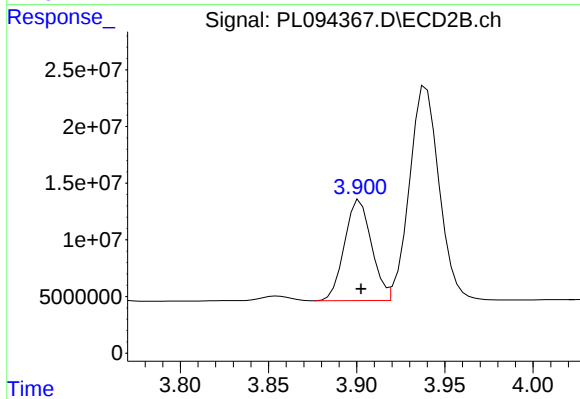
#5 Aldrin

R.T.: 4.219 min  
Delta R.T.: 0.000 min  
Response: 213826805  
Conc: 46.28 ng/ml



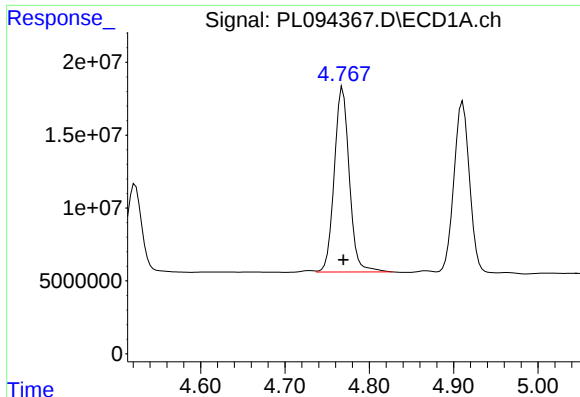
#6 beta-BHC

R.T.: 4.522 min  
Delta R.T.: 0.000 min  
Response: 73482260  
Conc: 46.02 ng/ml



#6 beta-BHC

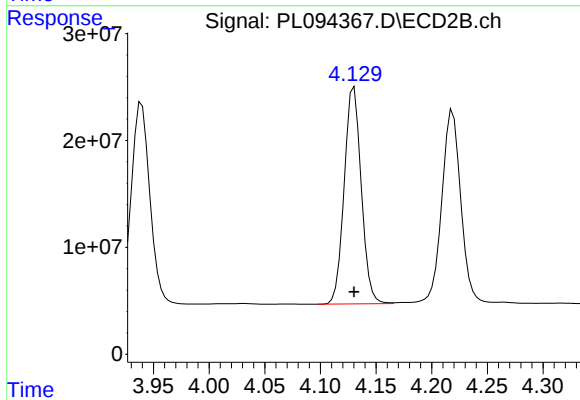
R.T.: 3.902 min  
Delta R.T.: 0.000 min  
Response: 94855446  
Conc: 47.69 ng/ml



#7 delta-BHC

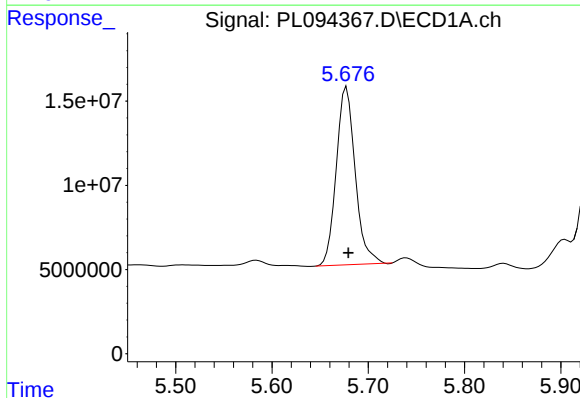
R.T.: 4.769 min  
Delta R.T.: 0.000 min  
Response: 156929851  
Conc: 44.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



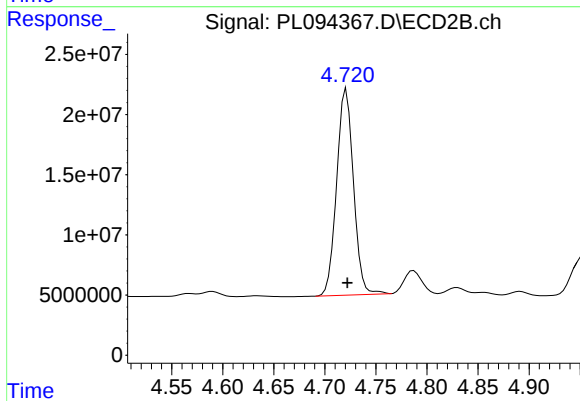
#7 delta-BHC

R.T.: 4.130 min  
Delta R.T.: 0.000 min  
Response: 216042961  
Conc: 45.62 ng/ml



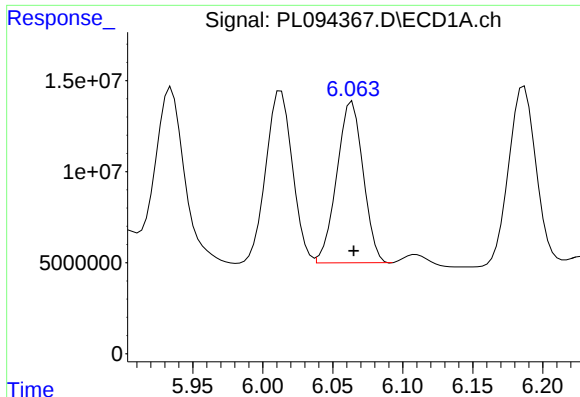
#8 Heptachlor epoxide

R.T.: 5.678 min  
Delta R.T.: -0.002 min  
Response: 144328616  
Conc: 47.90 ng/ml



#8 Heptachlor epoxide

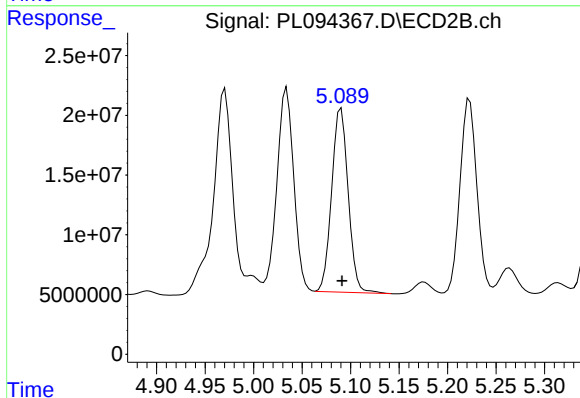
R.T.: 4.721 min  
Delta R.T.: 0.000 min  
Response: 196862295  
Conc: 46.26 ng/ml



#9 Endosulfan I

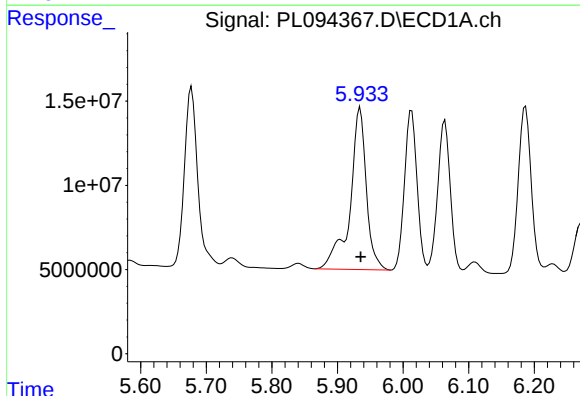
R.T.: 6.064 min  
Delta R.T.: -0.001 min  
Response: 115964422  
Conc: 42.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



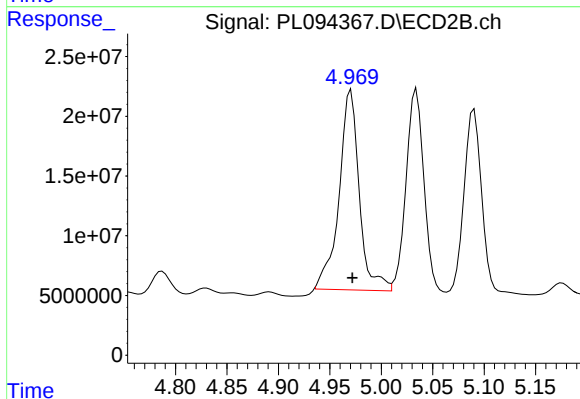
#9 Endosulfan I

R.T.: 5.090 min  
Delta R.T.: 0.000 min  
Response: 182075812  
Conc: 45.67 ng/ml



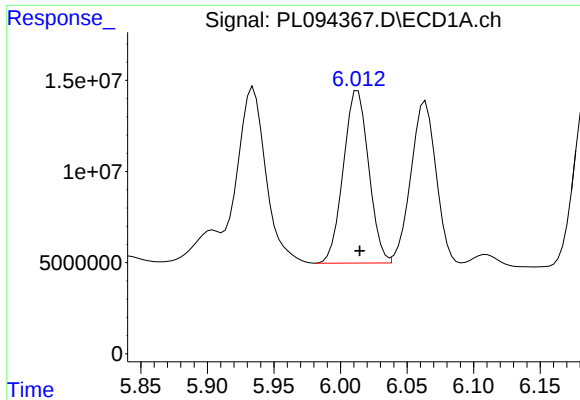
#10 gamma-Chlordane

R.T.: 5.935 min  
Delta R.T.: 0.000 min  
Response: 165835008  
Conc: 56.48 ng/ml



#10 gamma-Chlordane

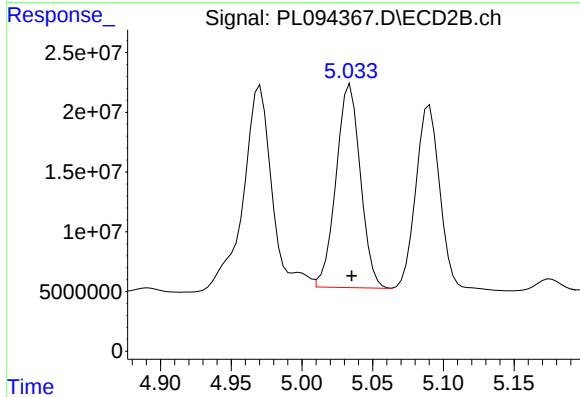
R.T.: 4.971 min  
Delta R.T.: -0.001 min  
Response: 229115067  
Conc: 52.81 ng/ml



#11 alpha-Chlordane

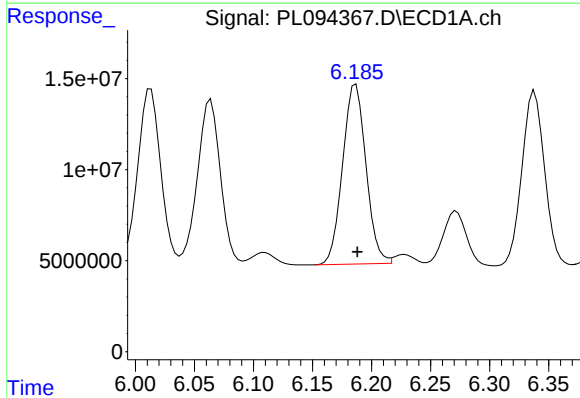
R.T.: 6.013 min  
Delta R.T.: -0.001 min  
Response: 125330850  
Conc: 43.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



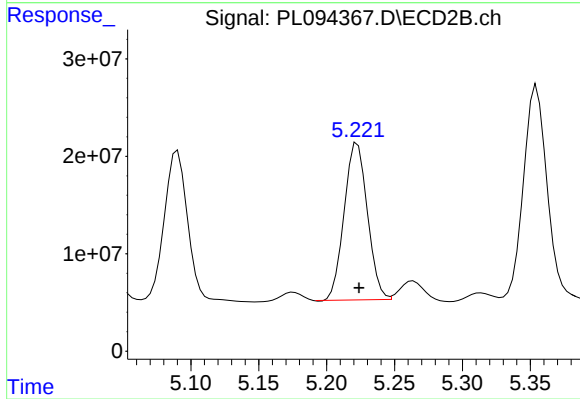
#11 alpha-Chlordane

R.T.: 5.034 min  
Delta R.T.: -0.001 min  
Response: 204210280  
Conc: 47.30 ng/ml



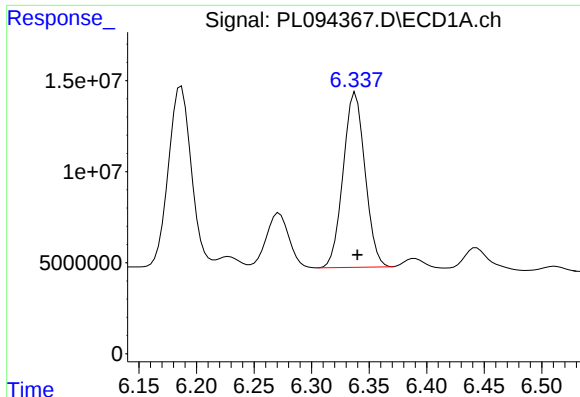
#12 4,4'-DDE

R.T.: 6.187 min  
Delta R.T.: -0.001 min  
Response: 135983765  
Conc: 52.07 ng/ml



#12 4,4'-DDE

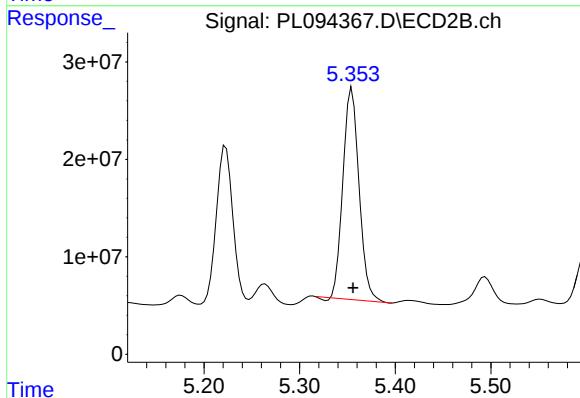
R.T.: 5.223 min  
Delta R.T.: -0.001 min  
Response: 192345287  
Conc: 45.80 ng/ml



#13 Dieldrin

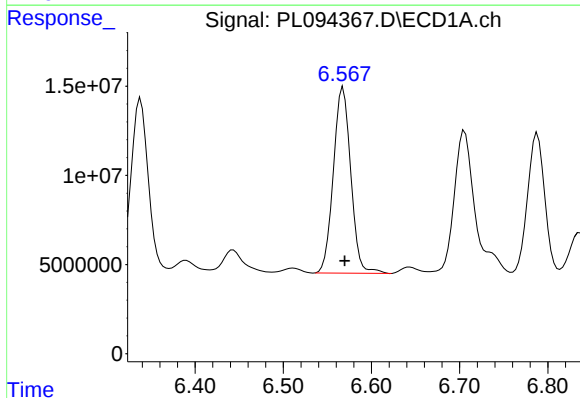
R.T.: 6.338 min  
Delta R.T.: -0.002 min  
Response: 127152810  
Conc: 44.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



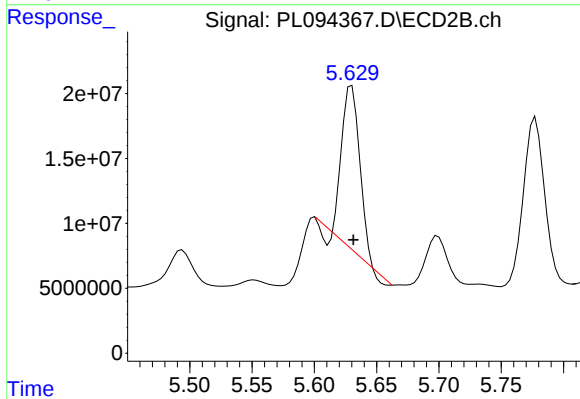
#13 Dieldrin

R.T.: 5.355 min  
Delta R.T.: -0.001 min  
Response: 254503728  
Conc: 58.08 ng/ml



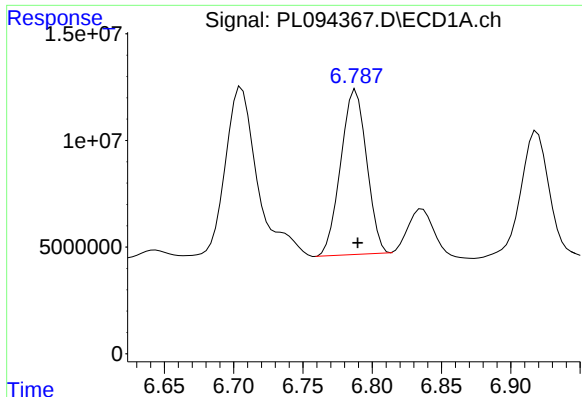
#14 Endrin

R.T.: 6.568 min  
Delta R.T.: -0.002 min  
Response: 143196912  
Conc: 56.11 ng/ml



#14 Endrin

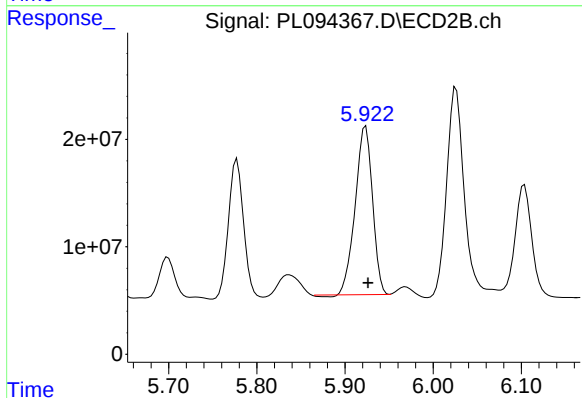
R.T.: 5.630 min  
Delta R.T.: -0.001 min  
Response: 121666234  
Conc: 35.73 ng/ml



#15 Endosulfan II

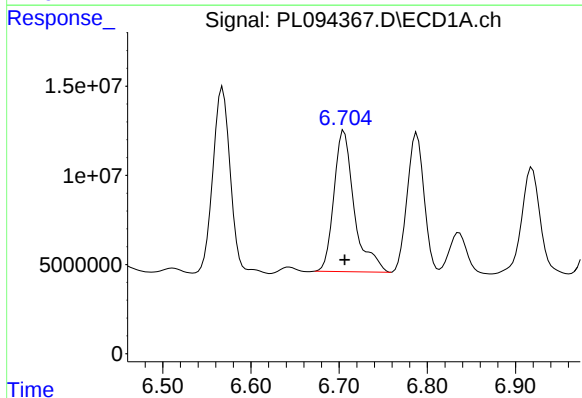
R.T.: 6.788 min  
Delta R.T.: -0.001 min  
Response: 100631510  
Conc: 39.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



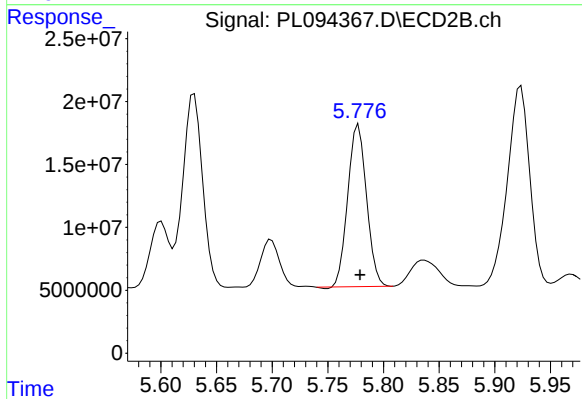
#15 Endosulfan II

R.T.: 5.923 min  
Delta R.T.: -0.003 min  
Response: 213405190  
Conc: 57.07 ng/ml



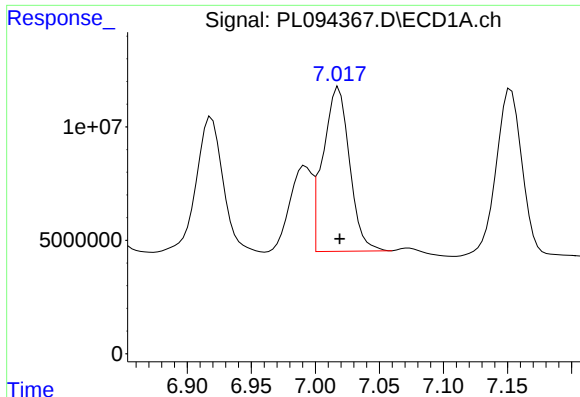
#16 4,4'-DDD

R.T.: 6.706 min  
Delta R.T.: 0.000 min  
Response: 126899367  
Conc: 68.60 ng/ml



#16 4,4'-DDD

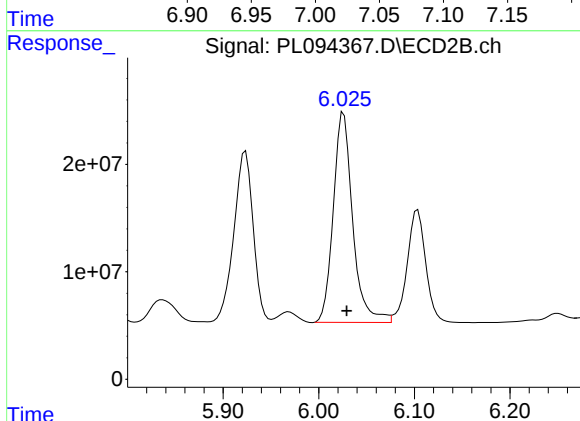
R.T.: 5.778 min  
Delta R.T.: -0.001 min  
Response: 150758686  
Conc: 47.33 ng/ml



#17 4,4'-DDT

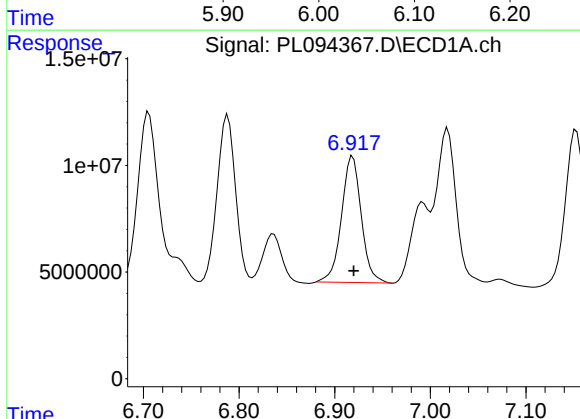
R.T.: 7.018 min  
Delta R.T.: 0.000 min  
Response: 104435152  
Conc: 49.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



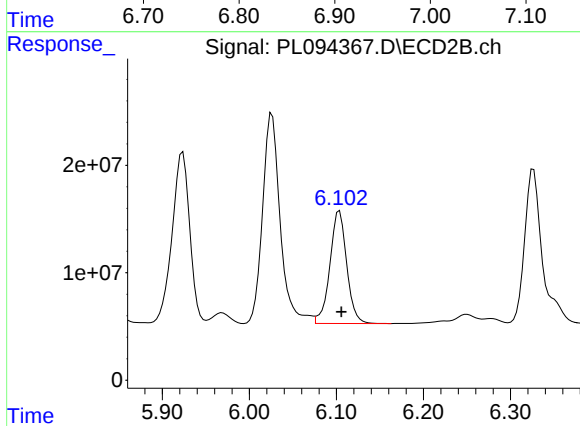
#17 4,4'-DDT

R.T.: 6.026 min  
Delta R.T.: -0.003 min  
Response: 275803693  
Conc: 77.54 ng/ml



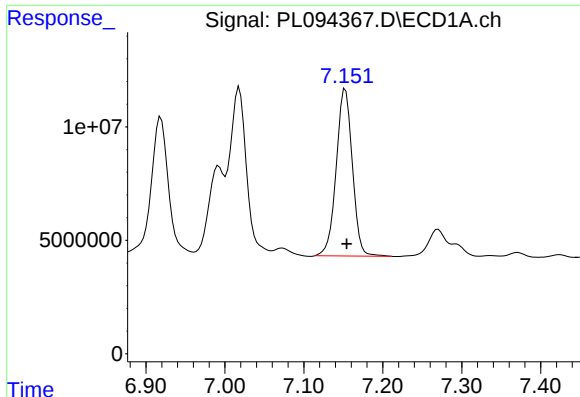
#18 Endrin aldehyde

R.T.: 6.919 min  
Delta R.T.: -0.001 min  
Response: 85394058  
Conc: 43.86 ng/ml



#18 Endrin aldehyde

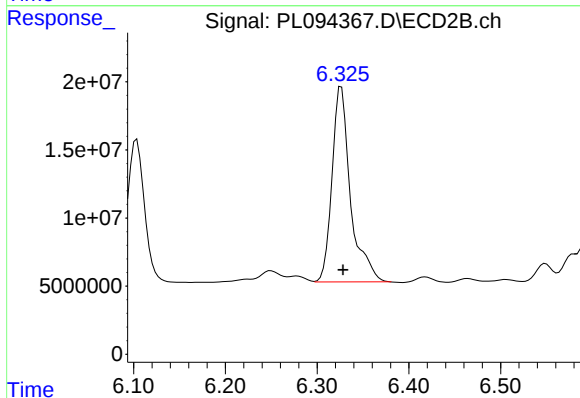
R.T.: 6.104 min  
Delta R.T.: -0.002 min  
Response: 140671218  
Conc: 44.51 ng/ml



#19 Endosulfan Sulfate

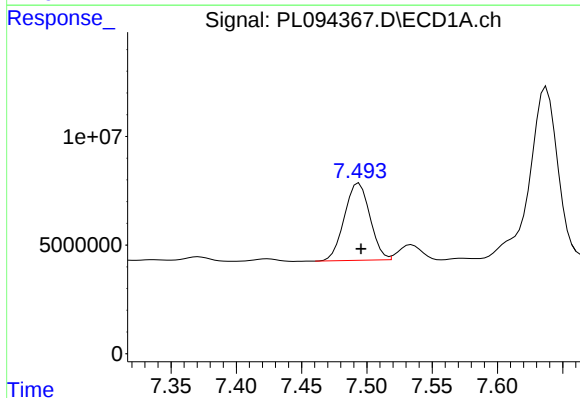
R.T.: 7.153 min  
Delta R.T.: -0.002 min  
Response: 104506685  
Conc: 46.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



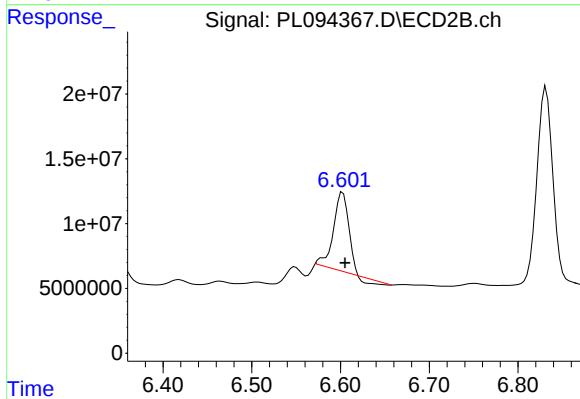
#19 Endosulfan Sulfate

R.T.: 6.326 min  
Delta R.T.: -0.002 min  
Response: 200954861  
Conc: 54.41 ng/ml



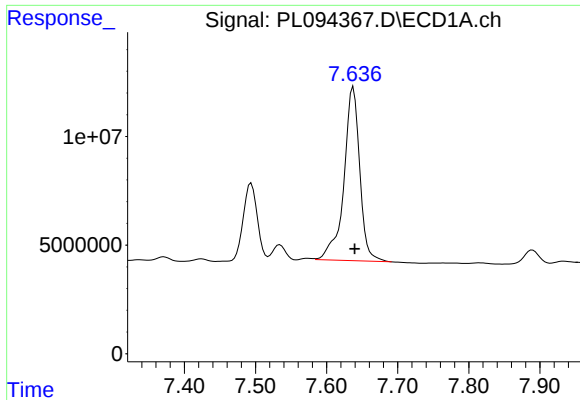
#20 Methoxychlor

R.T.: 7.494 min  
Delta R.T.: -0.002 min  
Response: 48360543  
Conc: 43.53 ng/ml



#20 Methoxychlor

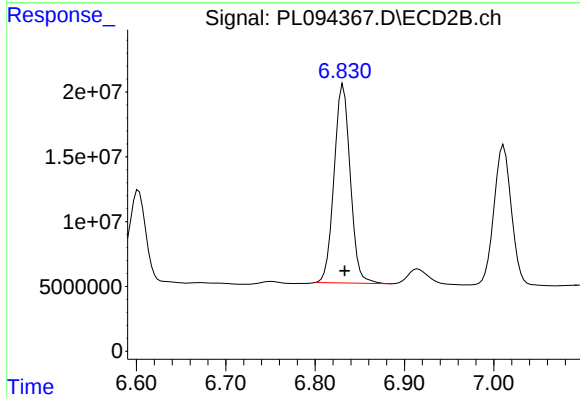
R.T.: 6.603 min  
Delta R.T.: -0.002 min  
Response: 69112520  
Conc: 35.42 ng/ml



#21 Endrin ketone

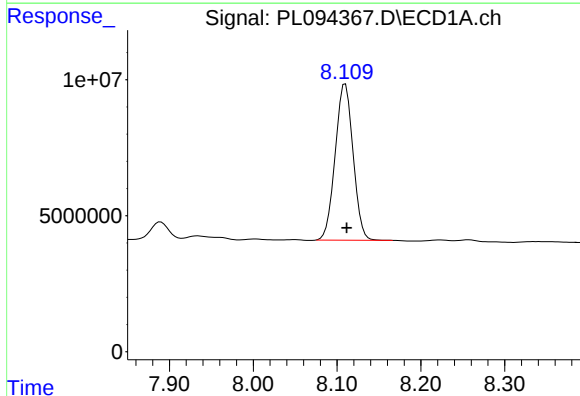
R.T.: 7.638 min  
Delta R.T.: -0.002 min  
Response: 123868869  
Conc: 49.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



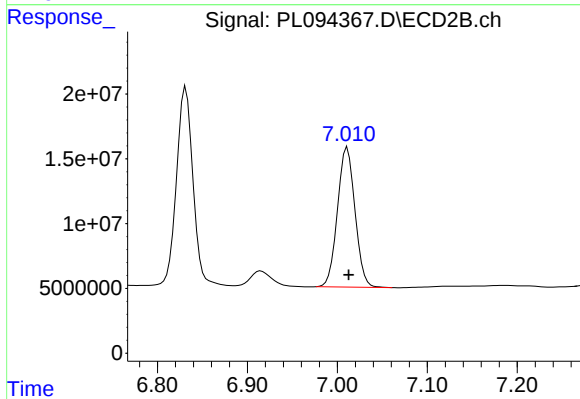
#21 Endrin ketone

R.T.: 6.832 min  
Delta R.T.: -0.002 min  
Response: 192953279  
Conc: 45.21 ng/ml



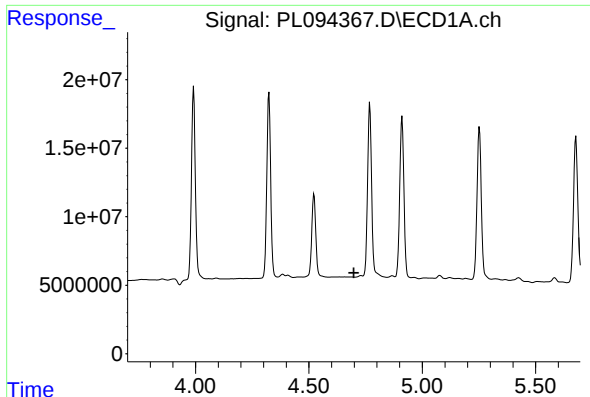
#22 Mirex

R.T.: 8.110 min  
Delta R.T.: -0.002 min  
Response: 85092042  
Conc: 41.24 ng/ml



#22 Mirex

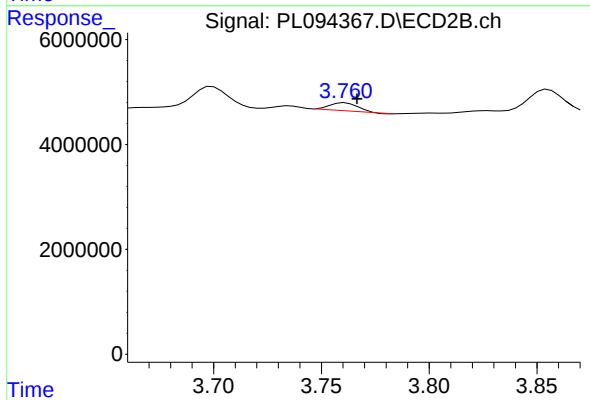
R.T.: 7.011 min  
Delta R.T.: -0.002 min  
Response: 146139247  
Conc: 41.91 ng/ml



#23 Chlordane-1

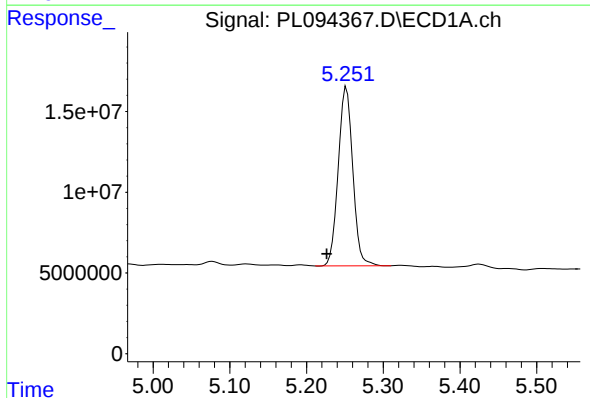
R.T.: 0.000 min  
Exp R.T.: 4.698 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



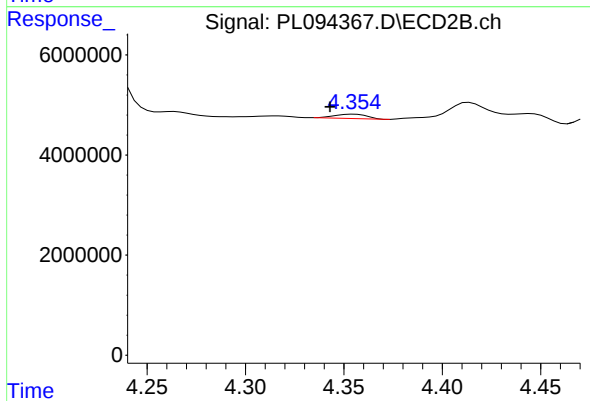
#23 Chlordane-1

R.T.: 3.761 min  
Delta R.T.: -0.006 min  
Response: 1375130  
Conc: 10.13 ng/ml



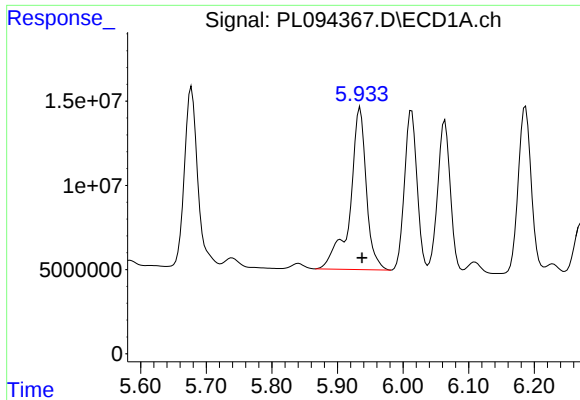
#24 Chlordane-2

R.T.: 5.252 min  
Delta R.T.: 0.025 min  
Response: 146112073  
Conc: 1165.08 ng/ml



#24 Chlordane-2

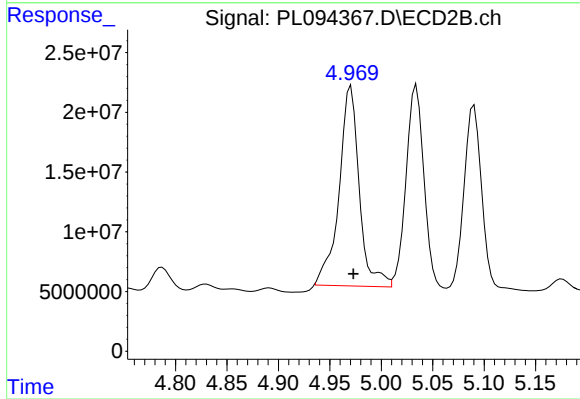
R.T.: 4.355 min  
Delta R.T.: 0.012 min  
Response: 1020474  
Conc: 6.47 ng/ml



#25 Chlordane-3

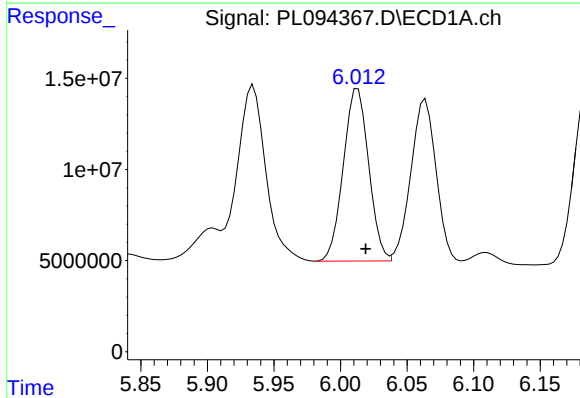
R.T.: 5.935 min  
Delta R.T.: -0.003 min  
Response: 165835008  
Conc: 378.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



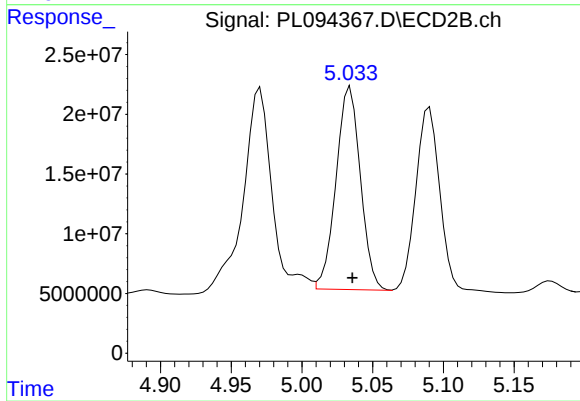
#25 Chlordane-3

R.T.: 4.971 min  
Delta R.T.: -0.002 min  
Response: 229115067  
Conc: 482.27 ng/ml



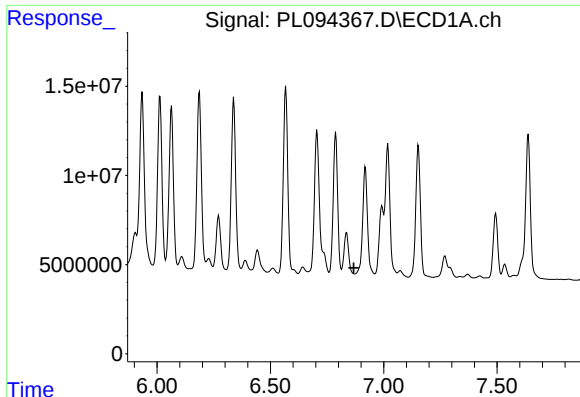
#26 Chlordane-4

R.T.: 6.013 min  
Delta R.T.: -0.006 min  
Response: 125330850  
Conc: 236.46 ng/ml



#26 Chlordane-4

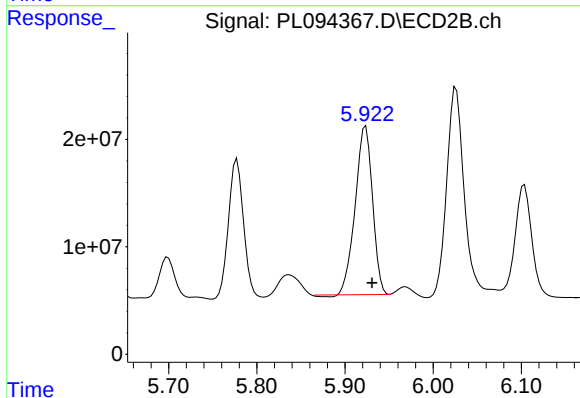
R.T.: 5.034 min  
Delta R.T.: -0.001 min  
Response: 204210280  
Conc: 434.44 ng/ml



#27 Chlordane-5

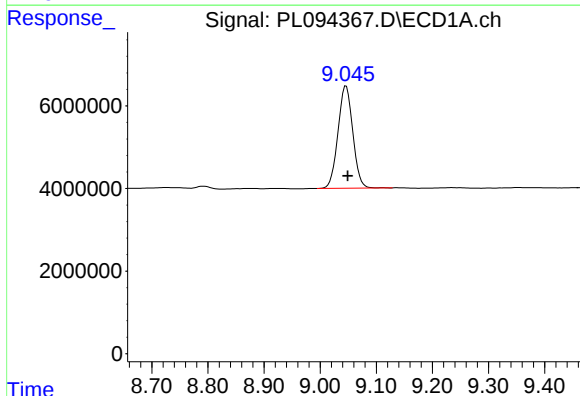
R.T.: 0.000 min  
Exp R.T.: 6.868 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



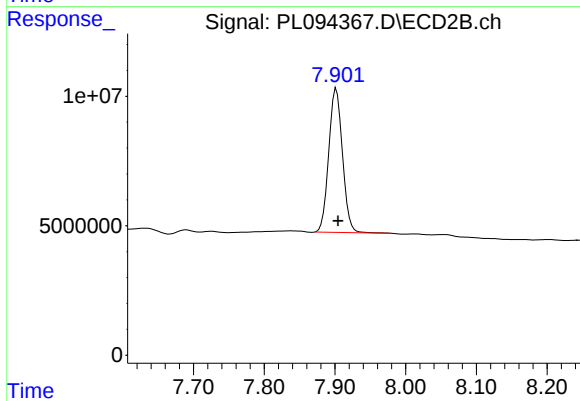
#27 Chlordane-5

R.T.: 5.923 min  
Delta R.T.: -0.007 min  
Response: 213405190  
Conc: 1303.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.046 min  
Delta R.T.: -0.003 min  
Response: 45444900  
Conc: 21.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.902 min  
Delta R.T.: -0.002 min  
Response: 74759261  
Conc: 19.44 ng/ml