

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030325\  
 Data File : PL094471.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Mar 2025 12:41  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 03 14:47:05 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... | 3.537  | 2.771  | 128.2E6  | 172.4E6  | 50.506   | 54.029     |
| 28)                         | SA Decachlor... | 9.049  | 7.904  | 92958757 | 156.4E6  | 43.699   | 40.671     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.993  | 3.274  | 185.5E6  | 260.3E6  | 49.034   | 52.968     |
| 3)                          | MA gamma-BHC... | 4.325  | 3.603  | 179.3E6  | 248.5E6  | 48.525   | 52.759     |
| 4)                          | MA Heptachlor   | 4.912  | 3.941  | 157.4E6  | 231.5E6  | 46.438   | 49.041     |
| 5)                          | MB Aldrin       | 5.254  | 4.220  | 162.4E6  | 237.5E6  | 47.323   | 51.401     |
| 6)                          | B beta-BHC      | 4.524  | 3.904  | 77966229 | 103.8E6  | 48.823   | 52.187     |
| 7)                          | B delta-BHC     | 4.771  | 4.132  | 172.7E6  | 248.3E6  | 48.813   | 52.438     |
| 8)                          | B Heptachlo...  | 5.680  | 4.723  | 144.0E6  | 214.3E6  | 47.786   | 50.357     |
| 9)                          | A Endosulfan I  | 6.066  | 5.092  | 126.1E6  | 195.1E6  | 45.871   | 48.948     |
| 10)                         | B gamma-Chl...  | 5.937  | 4.972  | 136.7E6  | 217.0E6  | 46.562   | 50.007     |
| 11)                         | B alpha-Chl...  | 6.015  | 5.035  | 135.1E6  | 213.6E6  | 46.623   | 49.465     |
| 12)                         | B 4,4'-DDE      | 6.189  | 5.224  | 126.1E6  | 214.1E6  | 48.299   | 50.981     |
| 13)                         | MA Dieldrin     | 6.340  | 5.356  | 131.8E6  | 216.8E6  | 46.262   | 49.470     |
| 14)                         | MA Endrin       | 6.570  | 5.631  | 106.7E6  | 180.0E6  | 41.818   | 52.855 #   |
| 15)                         | B Endosulfa...  | 6.790  | 5.926  | 110.1E6  | 185.0E6  | 43.743   | 49.484     |
| 16)                         | A 4,4'-DDD      | 6.706  | 5.779  | 98333432 | 176.8E6  | 53.160   | 55.498     |
| 17)                         | MA 4,4'-DDT     | 7.019  | 6.029  | 87657781 | 152.9E6  | 41.741   | 42.990     |
| 18)                         | B Endrin al...  | 6.920  | 6.105  | 87805055 | 148.1E6  | 45.102   | 46.875     |
| 19)                         | B Endosulfa...  | 7.155  | 6.328  | 100.4E6  | 173.9E6  | 44.371   | 47.080     |
| 20)                         | A Methoxychlor  | 7.496  | 6.604  | 46314762 | 79789442 | 41.686   | 40.896     |
| 21)                         | B Endrin ke...  | 7.639  | 6.833  | 112.8E6  | 202.4E6  | 44.983   | 47.426     |
| 22)                         | Mirex           | 8.112  | 7.013  | 87427870 | 156.3E6  | 42.373   | 44.832     |
| 23)                         | Chlordane-1     | 0.000  | 3.770  | 0        | 58261    | N.D.     | 0.429 #    |
| 24)                         | Chlordane-2     | 5.254f | 4.362f | 162.4E6  | 870384   | 1294.975 | 5.520 #    |
| 25)                         | Chlordane-3     | 5.937  | 4.972  | 136.7E6  | 217.0E6  | 312.228  | 456.709 #  |
| 26)                         | Chlordane-4     | 6.015  | 5.035  | 135.1E6  | 213.6E6  | 254.837  | 454.351 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.926  | 0        | 185.0E6  | N.D.     | 1130.212 # |
| -----                       |                 |        |        |          |          |          |            |

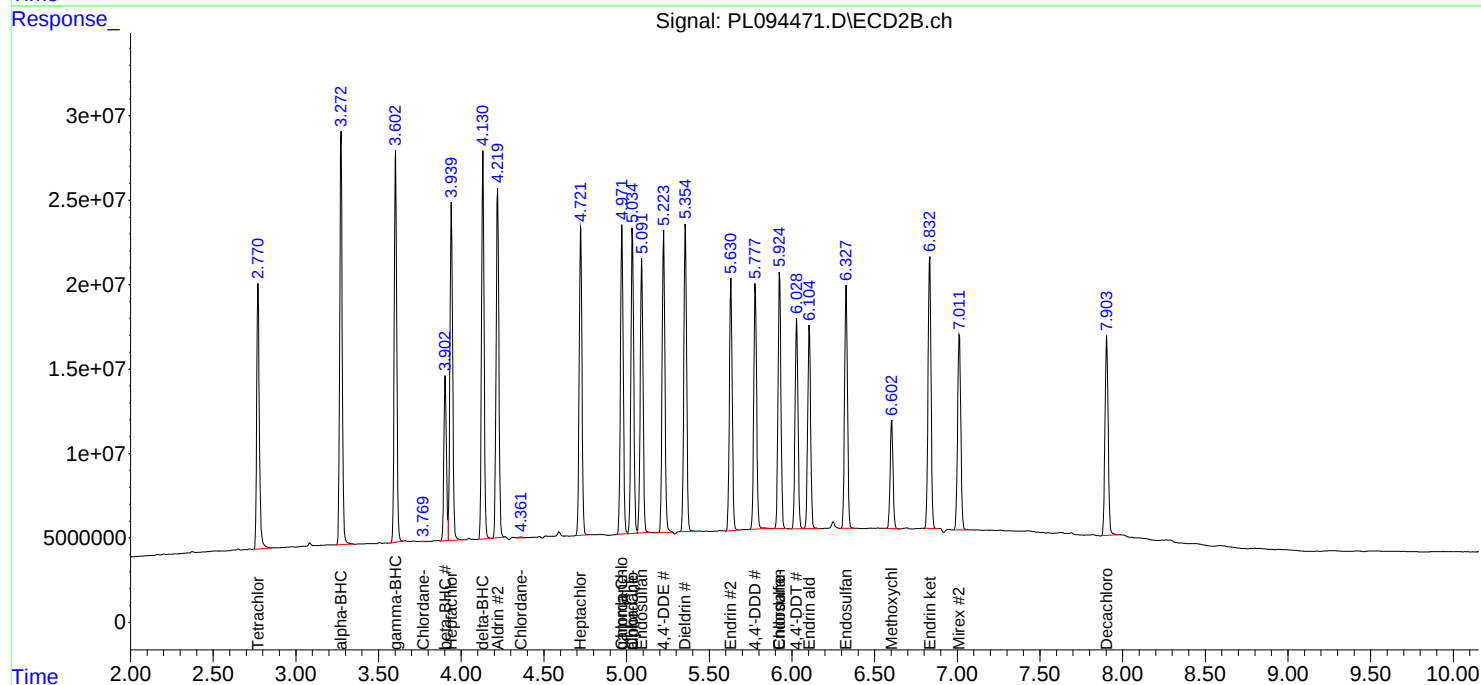
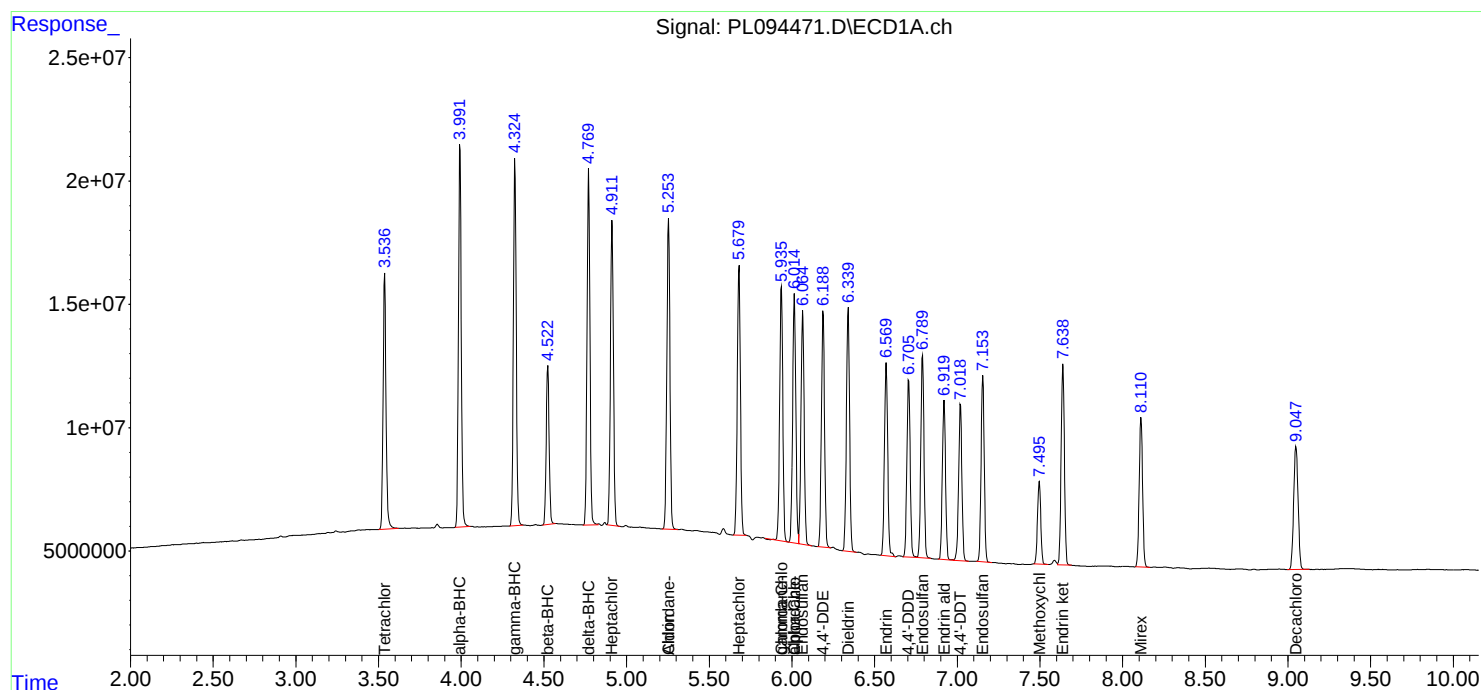
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

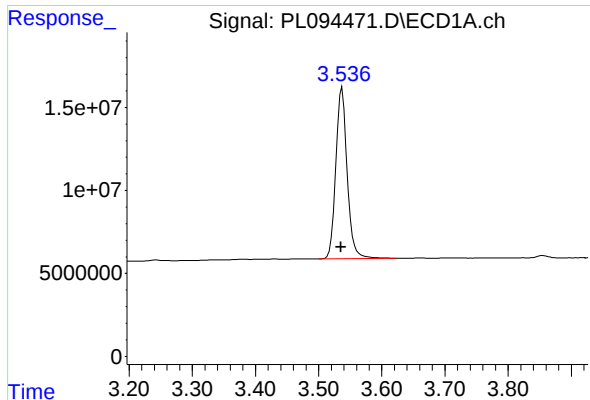
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030325\  
Data File : PL094471.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Mar 2025 12:41  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 03 14:47:05 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

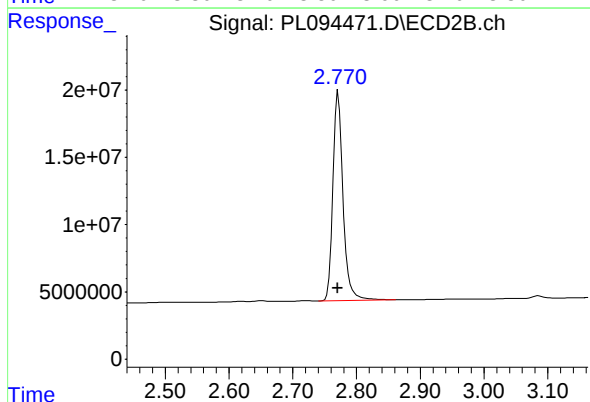




#1 Tetrachloro-m-xylene

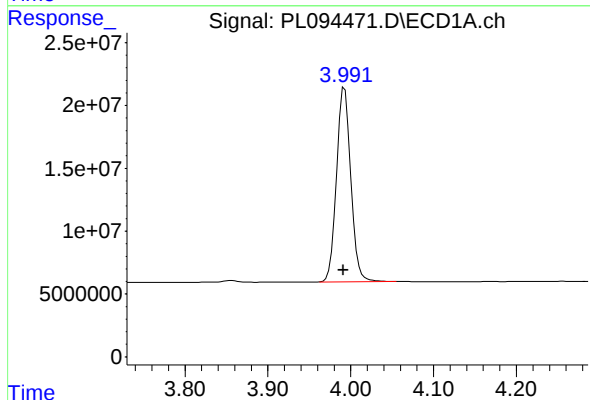
R.T.: 3.537 min  
Delta R.T.: 0.002 min  
Response: 128240394  
Conc: 50.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



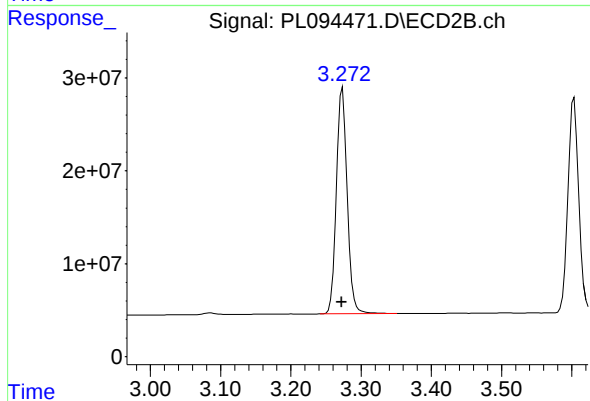
#1 Tetrachloro-m-xylene

R.T.: 2.771 min  
Delta R.T.: 0.001 min  
Response: 172415799  
Conc: 54.03 ng/ml



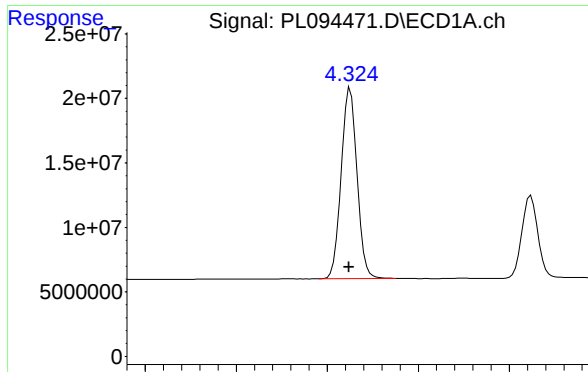
#2 alpha-BHC

R.T.: 3.993 min  
Delta R.T.: 0.001 min  
Response: 185479429  
Conc: 49.03 ng/ml



#2 alpha-BHC

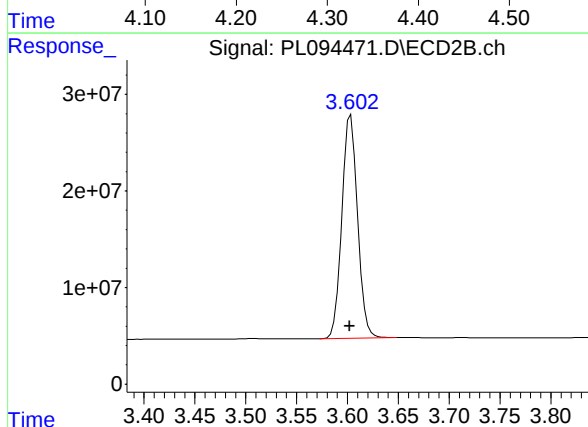
R.T.: 3.274 min  
Delta R.T.: 0.001 min  
Response: 260328909  
Conc: 52.97 ng/ml



#3 gamma-BHC (Lindane)

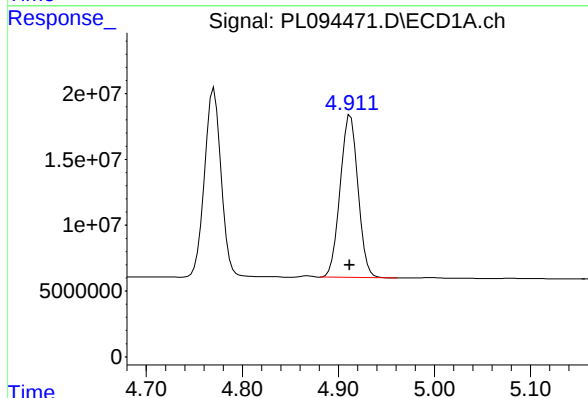
R.T.: 4.325 min  
Delta R.T.: 0.001 min  
Response: 179285476  
Conc: 48.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



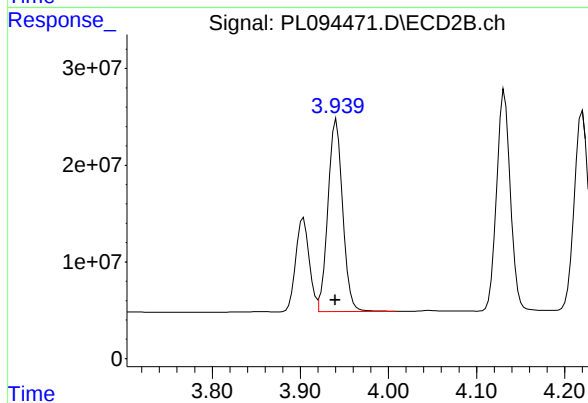
#3 gamma-BHC (Lindane)

R.T.: 3.603 min  
Delta R.T.: 0.001 min  
Response: 248493202  
Conc: 52.76 ng/ml



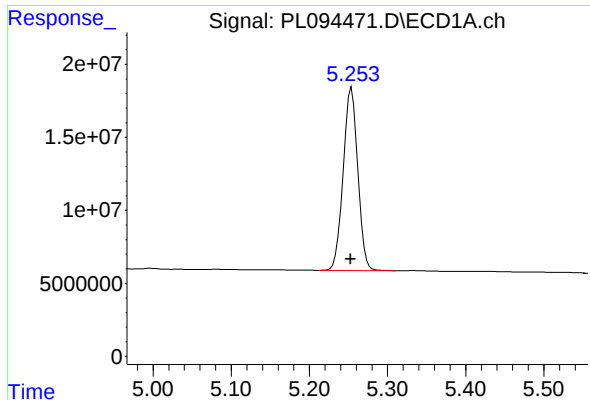
#4 Heptachlor

R.T.: 4.912 min  
Delta R.T.: 0.000 min  
Response: 157441166  
Conc: 46.44 ng/ml



#4 Heptachlor

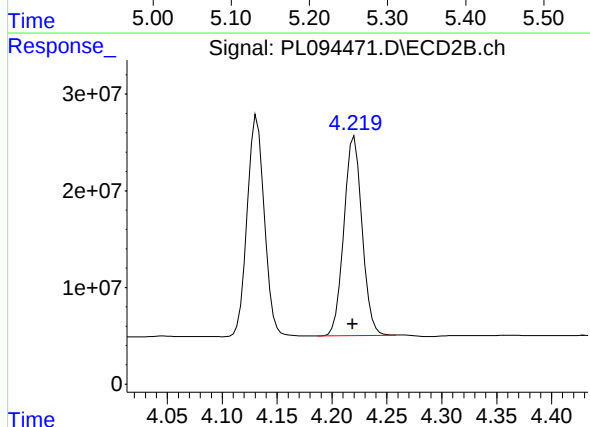
R.T.: 3.941 min  
Delta R.T.: 0.001 min  
Response: 231487795  
Conc: 49.04 ng/ml



#5 Aldrin

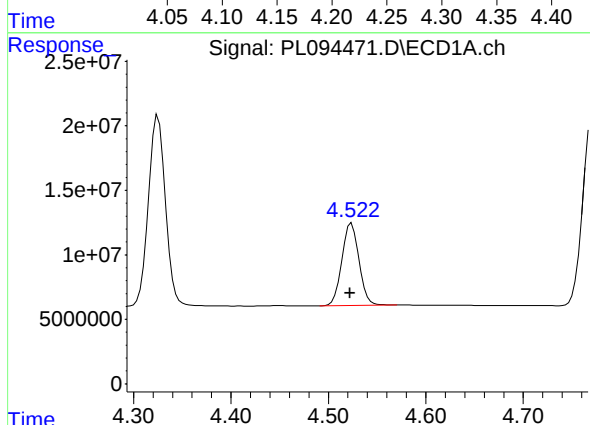
R.T.: 5.254 min  
Delta R.T.: 0.000 min  
Response: 162401545  
Conc: 47.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



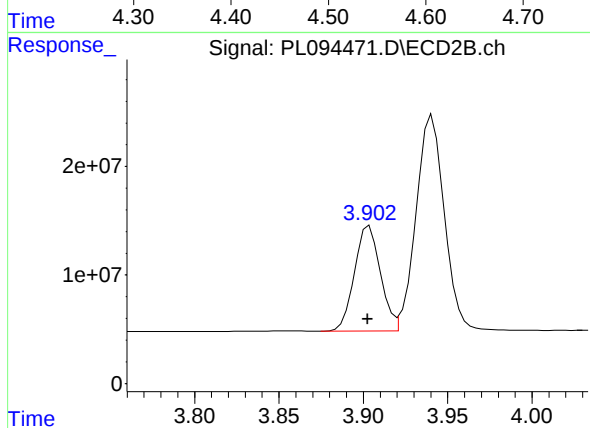
#5 Aldrin

R.T.: 4.220 min  
Delta R.T.: 0.001 min  
Response: 237489780  
Conc: 51.40 ng/ml



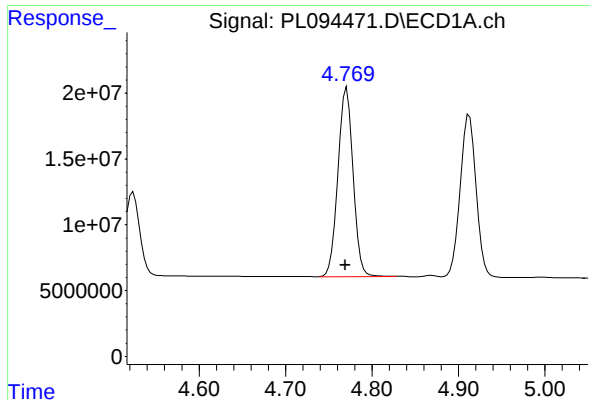
#6 beta-BHC

R.T.: 4.524 min  
Delta R.T.: 0.002 min  
Response: 77966229  
Conc: 48.82 ng/ml



#6 beta-BHC

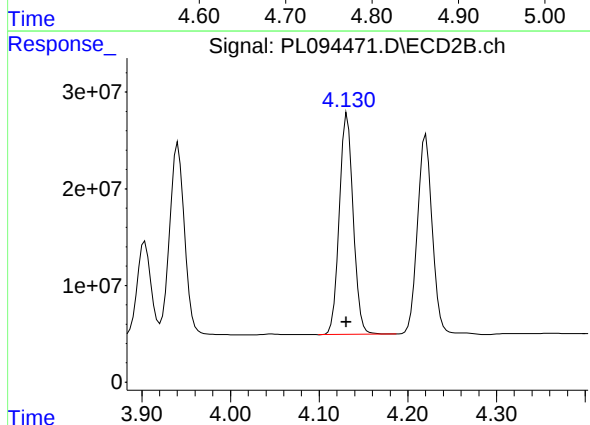
R.T.: 3.904 min  
Delta R.T.: 0.000 min  
Response: 103796931  
Conc: 52.19 ng/ml



#7 delta-BHC

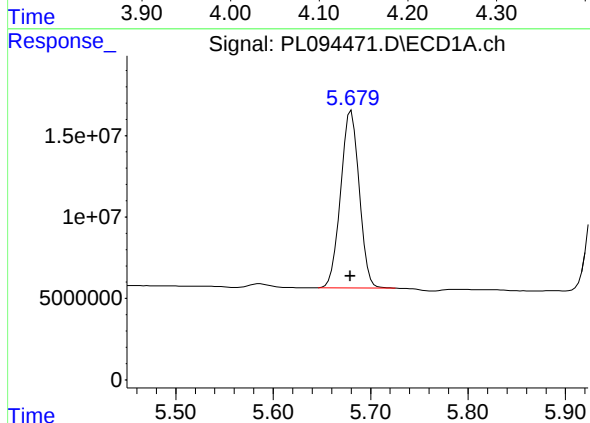
R.T.: 4.771 min  
Delta R.T.: 0.002 min  
Response: 172713137  
Conc: 48.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



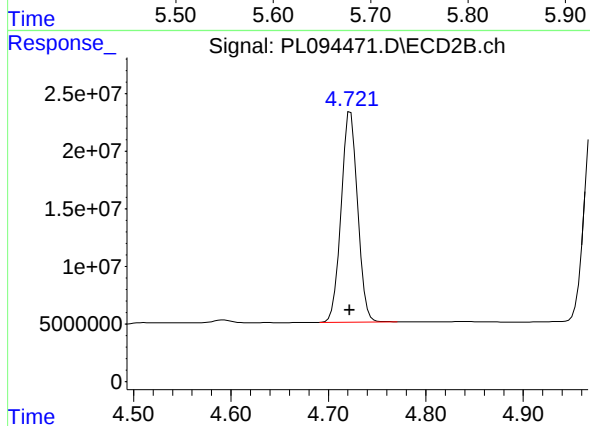
#7 delta-BHC

R.T.: 4.132 min  
Delta R.T.: 0.001 min  
Response: 248331568  
Conc: 52.44 ng/ml



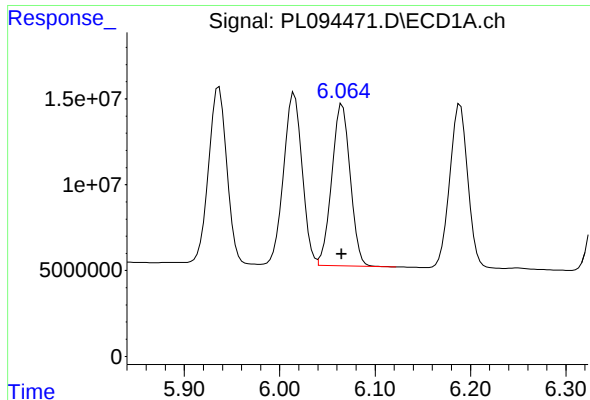
#8 Heptachlor epoxide

R.T.: 5.680 min  
Delta R.T.: 0.001 min  
Response: 143998084  
Conc: 47.79 ng/ml



#8 Heptachlor epoxide

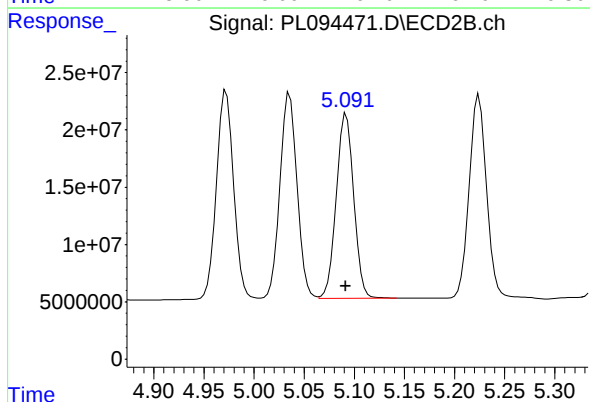
R.T.: 4.723 min  
Delta R.T.: 0.000 min  
Response: 214288082  
Conc: 50.36 ng/ml



#9 Endosulfan I

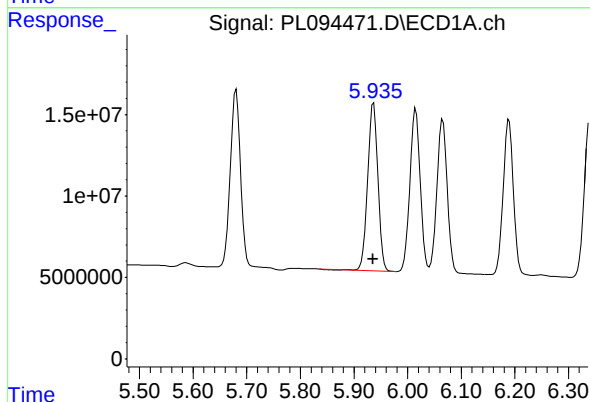
R.T.: 6.066 min  
Delta R.T.: 0.000 min  
Response: 126083612  
Conc: 45.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



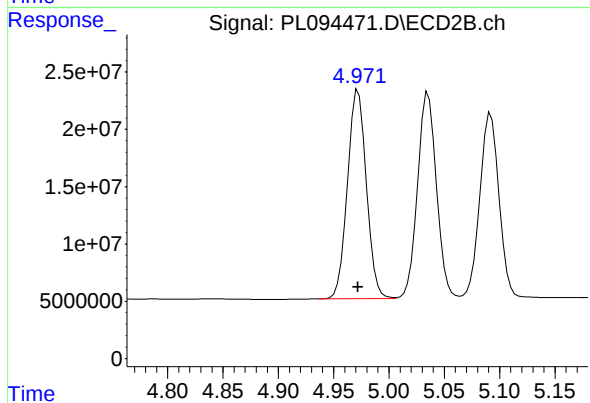
#9 Endosulfan I

R.T.: 5.092 min  
Delta R.T.: 0.000 min  
Response: 195135126  
Conc: 48.95 ng/ml



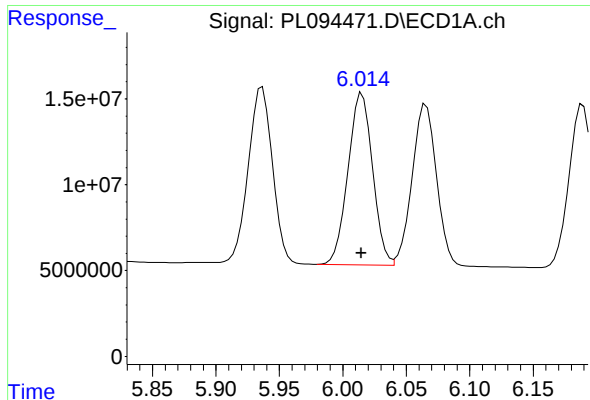
#10 gamma-Chlordane

R.T.: 5.937 min  
Delta R.T.: 0.001 min  
Response: 136710960  
Conc: 46.56 ng/ml



#10 gamma-Chlordane

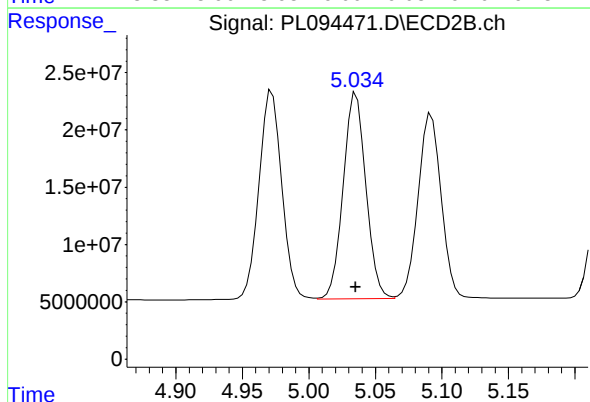
R.T.: 4.972 min  
Delta R.T.: 0.000 min  
Response: 216971241  
Conc: 50.01 ng/ml



#11 alpha-Chlordane

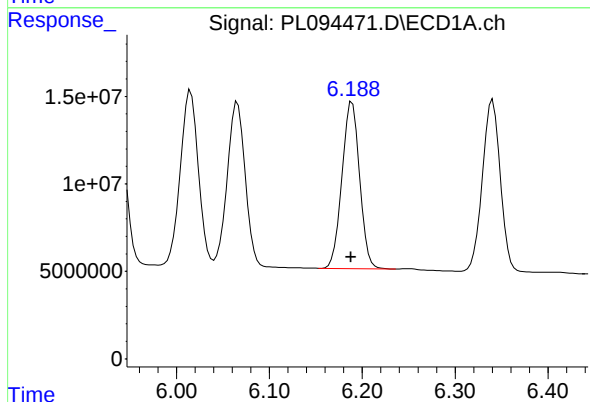
R.T.: 6.015 min  
Delta R.T.: 0.000 min  
Response: 135071118  
Conc: 46.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



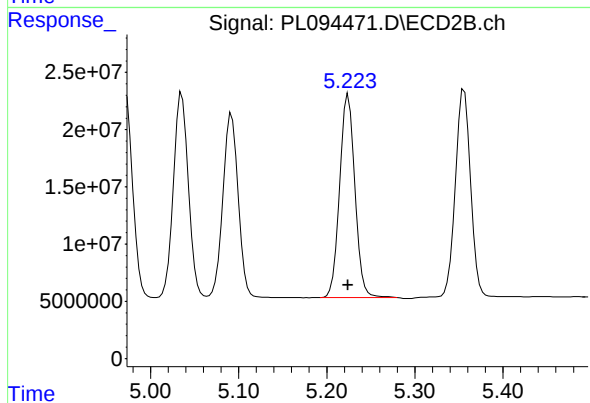
#11 alpha-Chlordane

R.T.: 5.035 min  
Delta R.T.: 0.000 min  
Response: 213570306  
Conc: 49.47 ng/ml



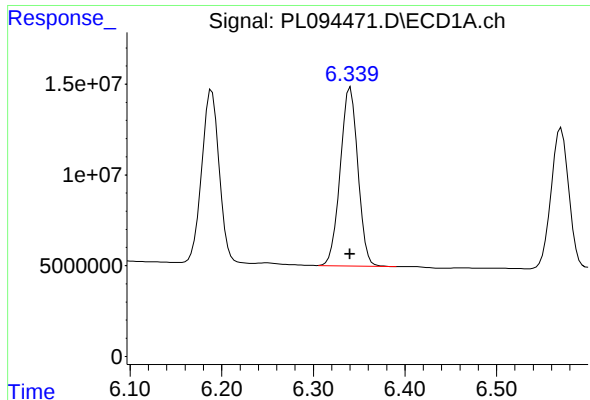
#12 4,4'-DDE

R.T.: 6.189 min  
Delta R.T.: 0.001 min  
Response: 126142922  
Conc: 48.30 ng/ml



#12 4,4'-DDE

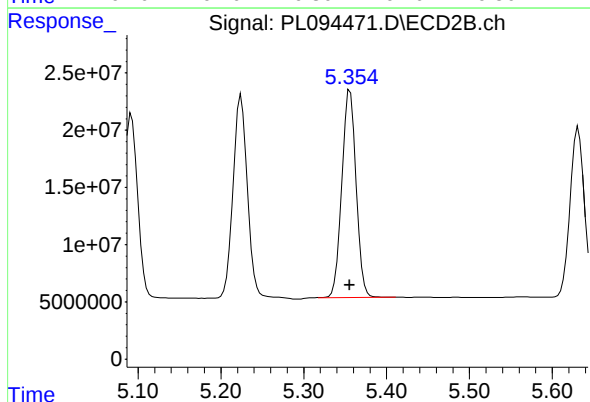
R.T.: 5.224 min  
Delta R.T.: 0.000 min  
Response: 214120981  
Conc: 50.98 ng/ml



#13 Dieldrin

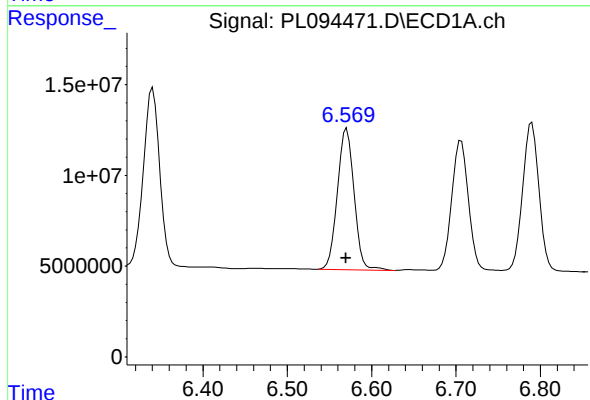
R.T.: 6.340 min  
Delta R.T.: 0.000 min  
Response: 131803308  
Conc: 46.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



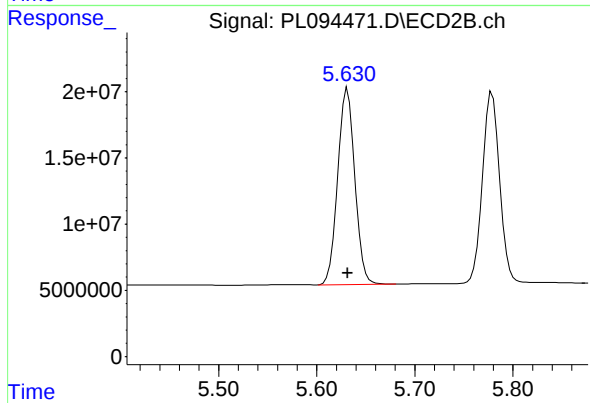
#13 Dieldrin

R.T.: 5.356 min  
Delta R.T.: 0.000 min  
Response: 216765949  
Conc: 49.47 ng/ml



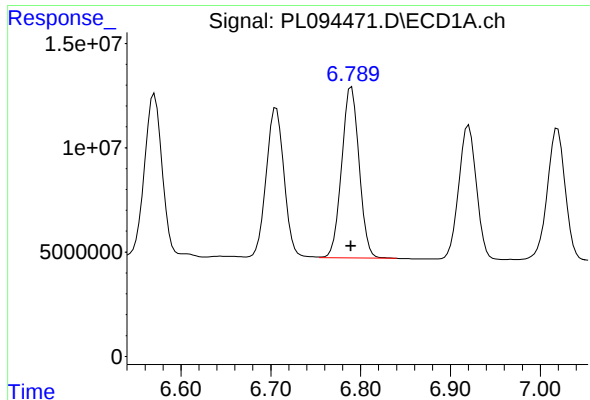
#14 Endrin

R.T.: 6.570 min  
Delta R.T.: 0.000 min  
Response: 106730795  
Conc: 41.82 ng/ml



#14 Endrin

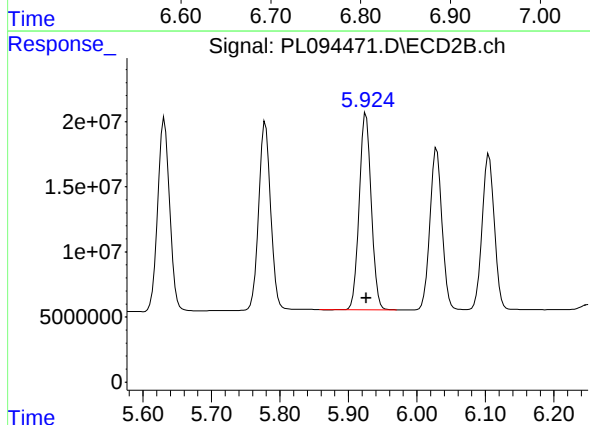
R.T.: 5.631 min  
Delta R.T.: 0.000 min  
Response: 179957828  
Conc: 52.86 ng/ml



#15 Endosulfan II

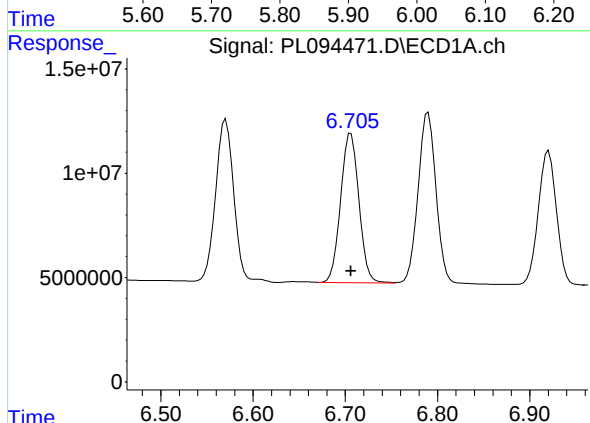
R.T.: 6.790 min  
Delta R.T.: 0.000 min  
Response: 110110594  
Conc: 43.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



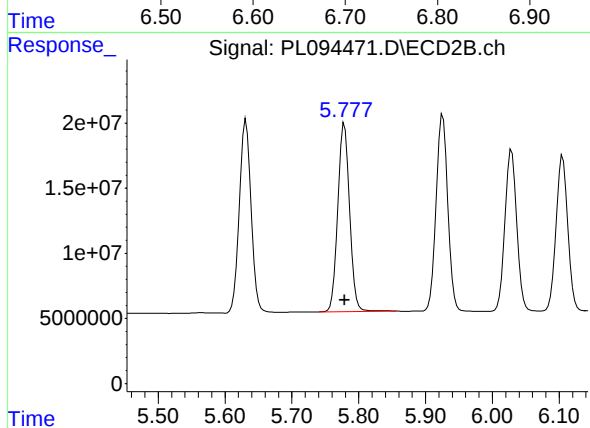
#15 Endosulfan II

R.T.: 5.926 min  
Delta R.T.: 0.000 min  
Response: 185045499  
Conc: 49.48 ng/ml



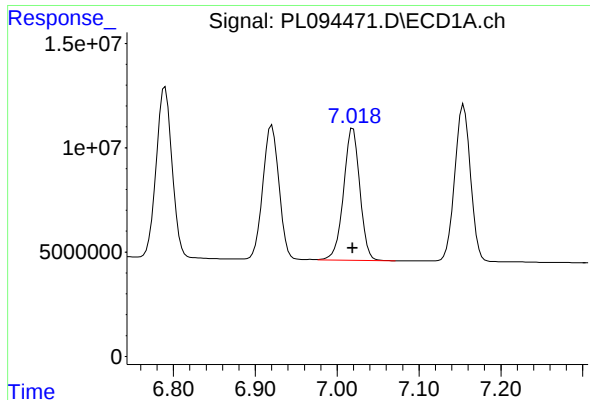
#16 4,4'-DDD

R.T.: 6.706 min  
Delta R.T.: 0.000 min  
Response: 98333432  
Conc: 53.16 ng/ml



#16 4,4'-DDD

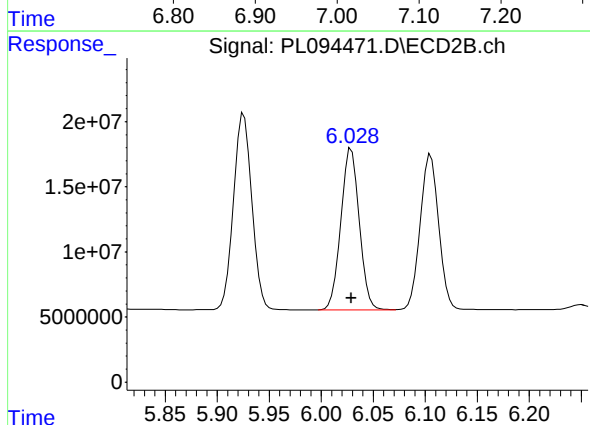
R.T.: 5.779 min  
Delta R.T.: 0.000 min  
Response: 176779759  
Conc: 55.50 ng/ml



#17 4,4'-DDT

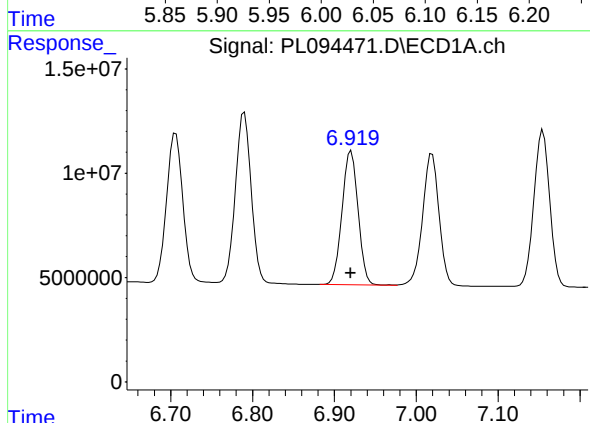
R.T.: 7.019 min  
Delta R.T.: 0.000 min  
Response: 87657781  
Conc: 41.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



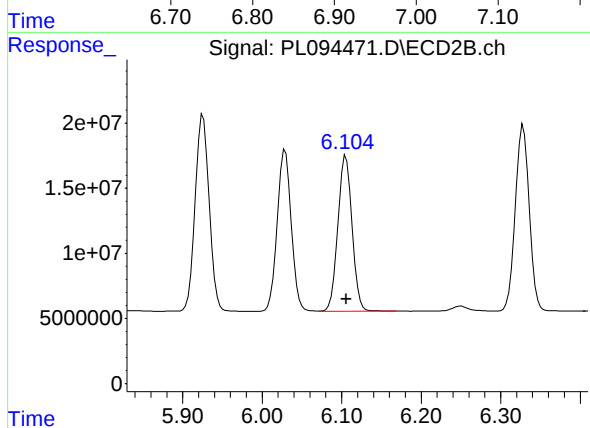
#17 4,4'-DDT

R.T.: 6.029 min  
Delta R.T.: 0.000 min  
Response: 152914275  
Conc: 42.99 ng/ml



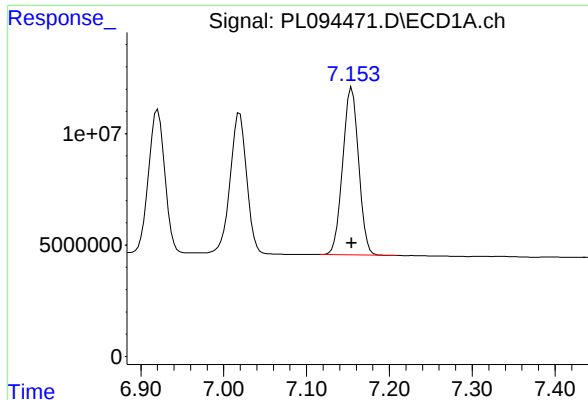
#18 Endrin aldehyde

R.T.: 6.920 min  
Delta R.T.: 0.000 min  
Response: 87805055  
Conc: 45.10 ng/ml



#18 Endrin aldehyde

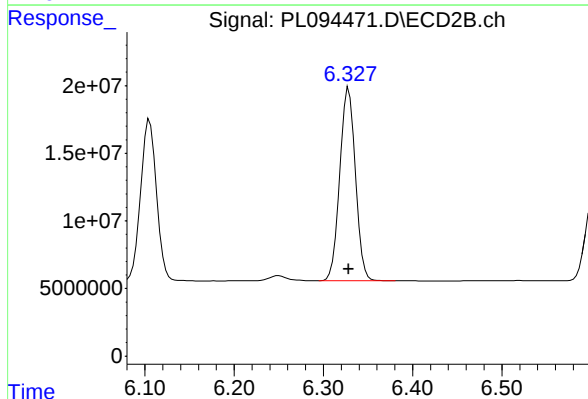
R.T.: 6.105 min  
Delta R.T.: 0.000 min  
Response: 148144063  
Conc: 46.87 ng/ml



#19 Endosulfan Sulfate

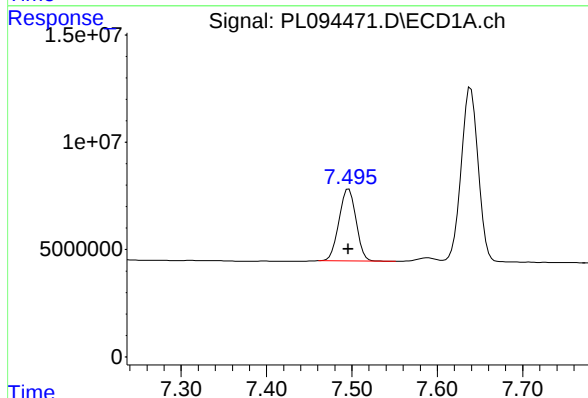
R.T.: 7.155 min  
Delta R.T.: 0.000 min  
Response: 100449104  
Conc: 44.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



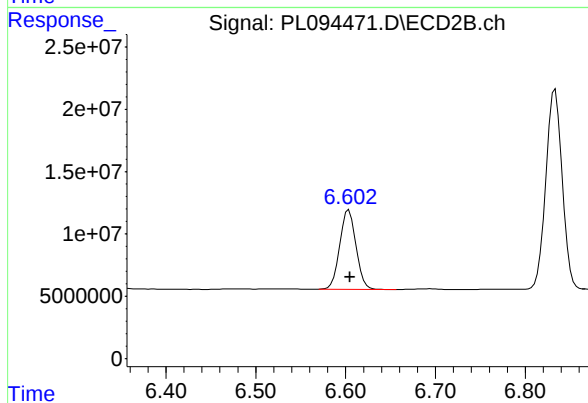
#19 Endosulfan Sulfate

R.T.: 6.328 min  
Delta R.T.: 0.000 min  
Response: 173897132  
Conc: 47.08 ng/ml



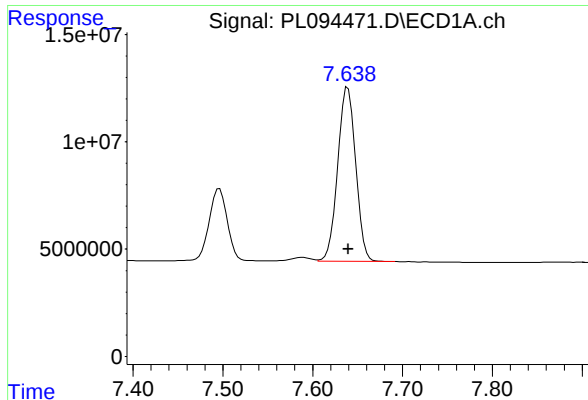
#20 Methoxychlor

R.T.: 7.496 min  
Delta R.T.: 0.000 min  
Response: 46314762  
Conc: 41.69 ng/ml



#20 Methoxychlor

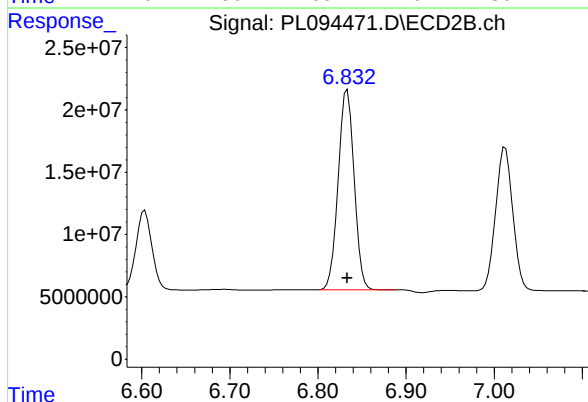
R.T.: 6.604 min  
Delta R.T.: -0.001 min  
Response: 79789442  
Conc: 40.90 ng/ml



#21 Endrin ketone

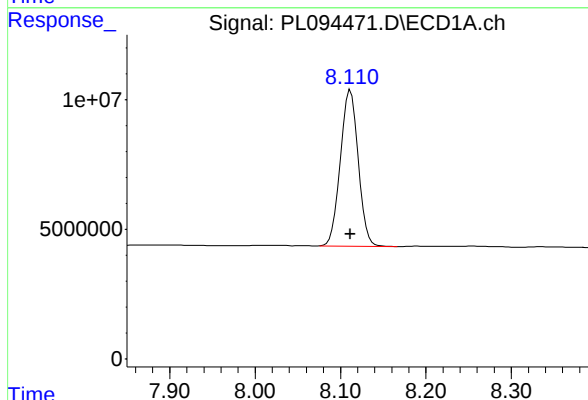
R.T.: 7.639 min  
Delta R.T.: 0.000 min  
Response: 112769261  
Conc: 44.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



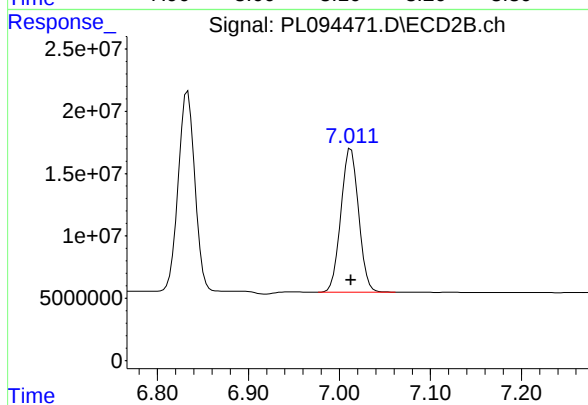
#21 Endrin ketone

R.T.: 6.833 min  
Delta R.T.: 0.000 min  
Response: 202391181  
Conc: 47.43 ng/ml



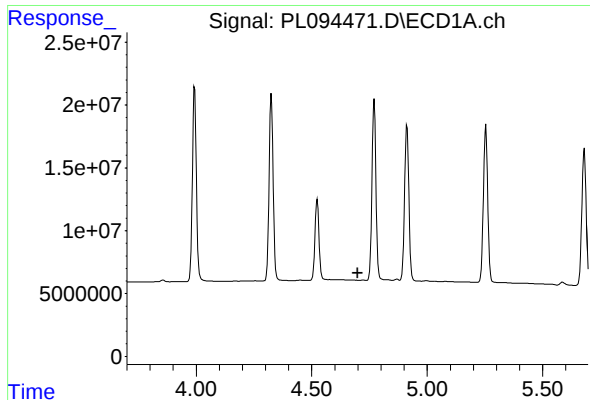
#22 Mirex

R.T.: 8.112 min  
Delta R.T.: 0.000 min  
Response: 87427870  
Conc: 42.37 ng/ml



#22 Mirex

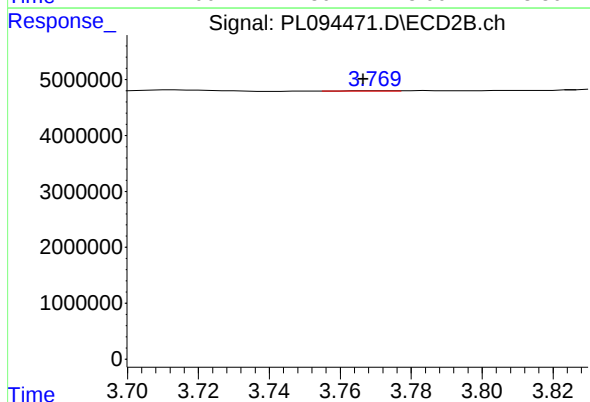
R.T.: 7.013 min  
Delta R.T.: 0.000 min  
Response: 156329929  
Conc: 44.83 ng/ml



#23 Chlordane-1

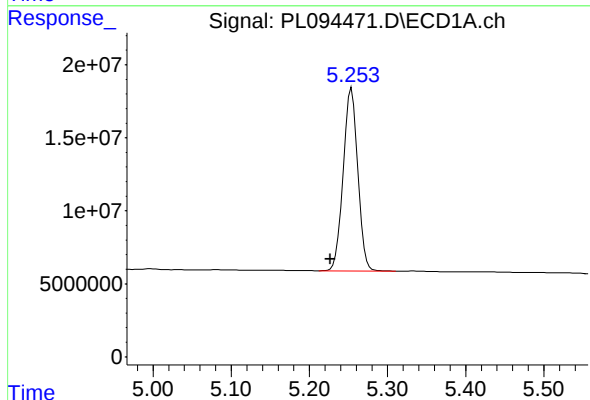
R.T.: 0.000 min  
Exp R.T.: 4.698 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



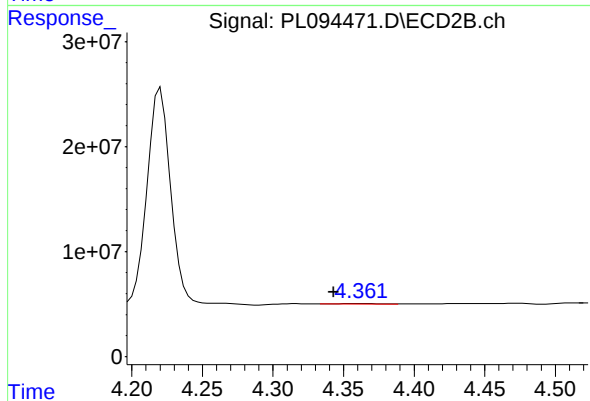
#23 Chlordane-1

R.T.: 3.770 min  
Delta R.T.: 0.004 min  
Response: 58261  
Conc: 0.43 ng/ml



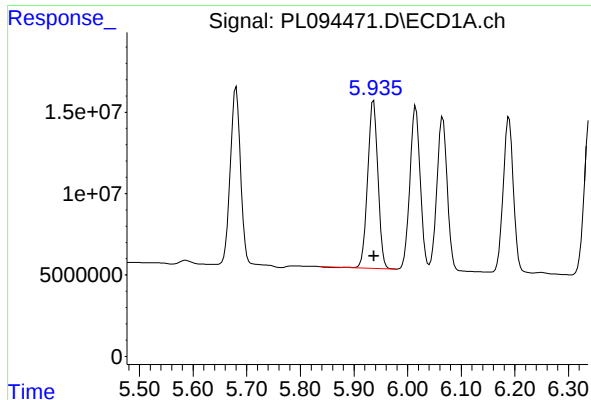
#24 Chlordane-2

R.T.: 5.254 min  
Delta R.T.: 0.027 min  
Response: 162401545  
Conc: 1294.97 ng/ml



#24 Chlordane-2

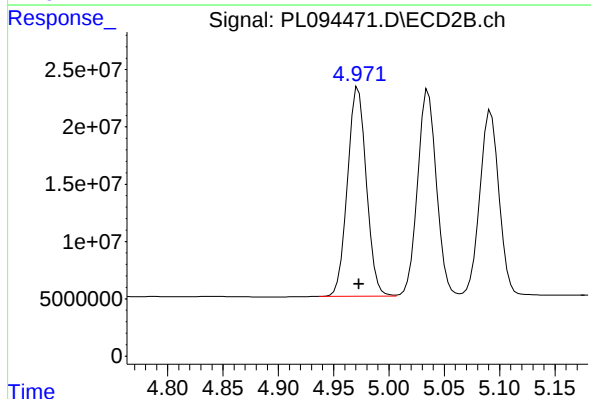
R.T.: 4.362 min  
Delta R.T.: 0.019 min  
Response: 870384  
Conc: 5.52 ng/ml



#25 Chlordane-3

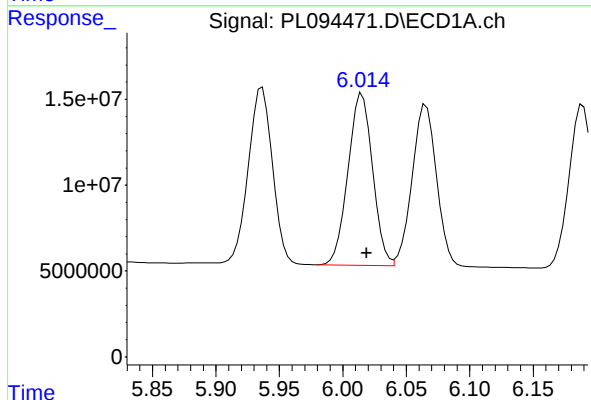
R.T.: 5.937 min  
Delta R.T.: -0.001 min  
Response: 136710960  
Conc: 312.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



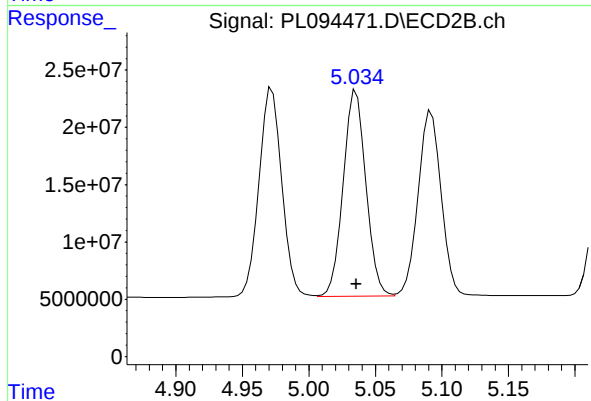
#25 Chlordane-3

R.T.: 4.972 min  
Delta R.T.: 0.000 min  
Response: 216971241  
Conc: 456.71 ng/ml



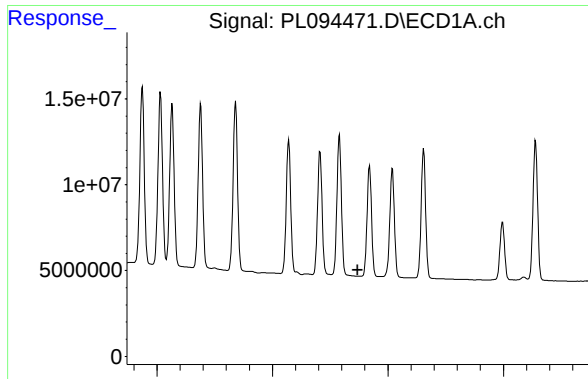
#26 Chlordane-4

R.T.: 6.015 min  
Delta R.T.: -0.004 min  
Response: 135071118  
Conc: 254.84 ng/ml



#26 Chlordane-4

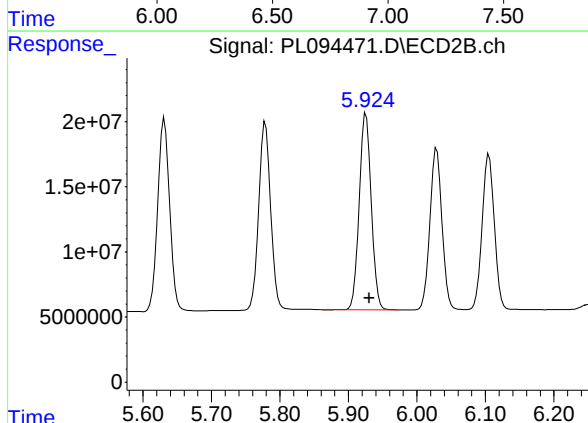
R.T.: 5.035 min  
Delta R.T.: 0.000 min  
Response: 213570306  
Conc: 454.35 ng/ml



#27 Chlordane-5

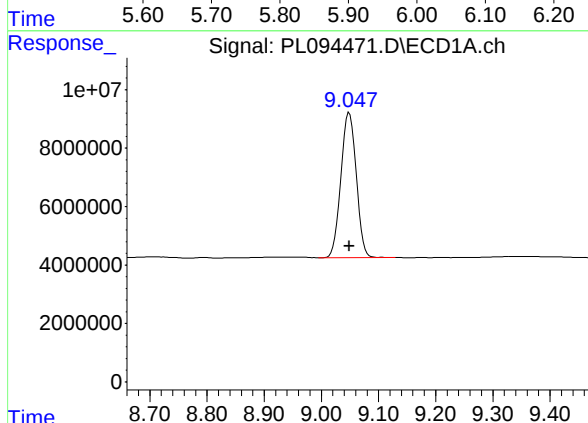
R.T.: 0.000 min  
Exp R.T.: 6.868 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



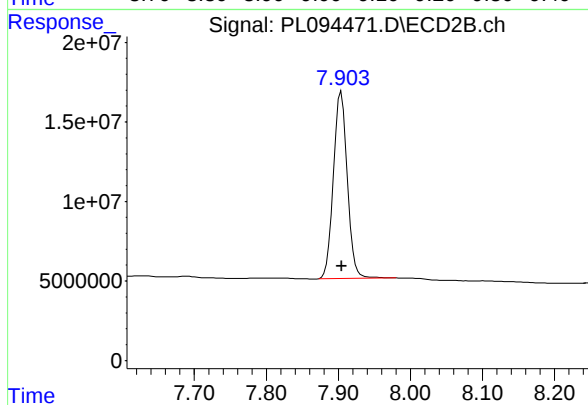
#27 Chlordane-5

R.T.: 5.926 min  
Delta R.T.: -0.005 min  
Response: 185045499  
Conc: 1130.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.049 min  
Delta R.T.: 0.000 min  
Response: 92958757  
Conc: 43.70 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.904 min  
Delta R.T.: 0.000 min  
Response: 156405911  
Conc: 40.67 ng/ml