

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042325\  
 Data File : PL095355.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Apr 2025 18:28  
 Operator : AR\AJ  
 Sample : Q1848-03MSD  
 Misc :  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 ETGI-275MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 24 01:27:41 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 16:23:18 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...          | 3.595  | 2.905  | 32499782 | 61194943 | 9.955    | 19.245 #   |
| Target Compounds            |        |        |          |          |          |            |
| 2) A alpha-BHC              | 4.045  | 3.415  | 195.4E6  | 167.4E6  | 39.439   | 37.625     |
| 3) MA gamma-BHC...          | 4.377  | 3.750  | 199.5E6  | 235.2E6  | 42.136   | 53.477 #   |
| 4) MA Heptachlor            | 4.975  | 4.103  | 169.3E6  | 167.9E6  | 37.012   | 38.544     |
| 5) MB Aldrin                | 5.317  | 4.388  | 222.7E6  | 160.7E6  | 48.496   | 39.054     |
| 6) B beta-BHC               | 4.563  | 4.042  | 40774300 | 85979676 | 19.721   | 41.419 #   |
| 7) B delta-BHC              | 0.000  | 4.278  | 0        | 153.0E6  | N.D.     | 34.919 #   |
| 8) B Heptachlo...           | 5.737  | 4.891  | 200.4E6  | 140.9E6  | 50.046   | 36.480 #   |
| 9) A Endosulfan I           | 6.122  | 5.282f | 137.7E6  | 730.6E6  | 36.256   | 199.590 #  |
| 10) B gamma-Chl...          | 5.992  | 5.145  | 222.7E6  | 163.7E6  | 54.595   | 40.404 #   |
| 11) B alpha-Chl...          | 6.073  | 5.209  | 220.9E6  | 177.4E6  | 54.324   | 44.554     |
| 12) B 4,4'-DDE              | 6.242  | 5.396  | 131.5E6  | 136.4E6  | 33.533   | 33.527     |
| 13) MA Dieldrin             | 6.395  | 5.528  | 150.6E6  | 212.7E6  | 39.064   | 52.300 #   |
| 14) MA Endrin               | 6.622  | 5.804  | 179.0E6  | 78979702 | 56.193   | 21.693 #   |
| 15) B Endosulfa...          | 6.833  | 6.096  | 132.6E6  | 207.4E6  | 41.548   | 57.765 #   |
| 16) A 4,4'-DDD              | 6.749  | 5.946  | 269.4E6  | 70415611 | 95.161   | 21.555 #   |
| 17) MA 4,4'-DDT             | 7.068  | 6.199  | 111.1E6  | 203.6E6  | 39.010   | 59.256 #   |
| 18) B Endrin al...          | 6.963  | 6.273  | 102.6E6  | 124.3E6  | 44.230   | 47.550     |
| 19) B Endosulfa...          | 7.196  | 6.500  | 76038784 | 136.8E6  | 27.139   | 41.241 #   |
| 20) A Methoxychlor          | 7.539  | 6.772  | 25396051 | 95631453 | 18.203   | 50.136 #   |
| 21) B Endrin ke...          | 7.674  | 7.002  | 293.4E6  | 77808303 | 102.915  | 22.097 #   |
| 22) Mirex                   | 8.160  | 7.200  | 342.1E6  | 67295510 | 143.992  | 23.347 #   |
| 23) Chlordane-1             | 4.761  | 3.920  | 2629153  | 20214817 | 13.448   | 130.724 #  |
| 24) Chlordane-2             | 5.317f | 4.536f | 222.7E6  | 23142581 | 1052.097 | 125.755 #  |
| 25) Chlordane-3             | 5.992  | 5.145  | 222.7E6  | 163.7E6  | 285.925  | 316.948    |
| 26) Chlordane-4             | 6.073  | 5.209  | 220.9E6  | 177.4E6  | 234.257  | 408.121 #  |
| 27) Chlordane-5             | 6.914  | 6.096  | 22302649 | 207.4E6  | 147.128  | 1122.886 # |
| -----                       |        |        |          |          |          |            |

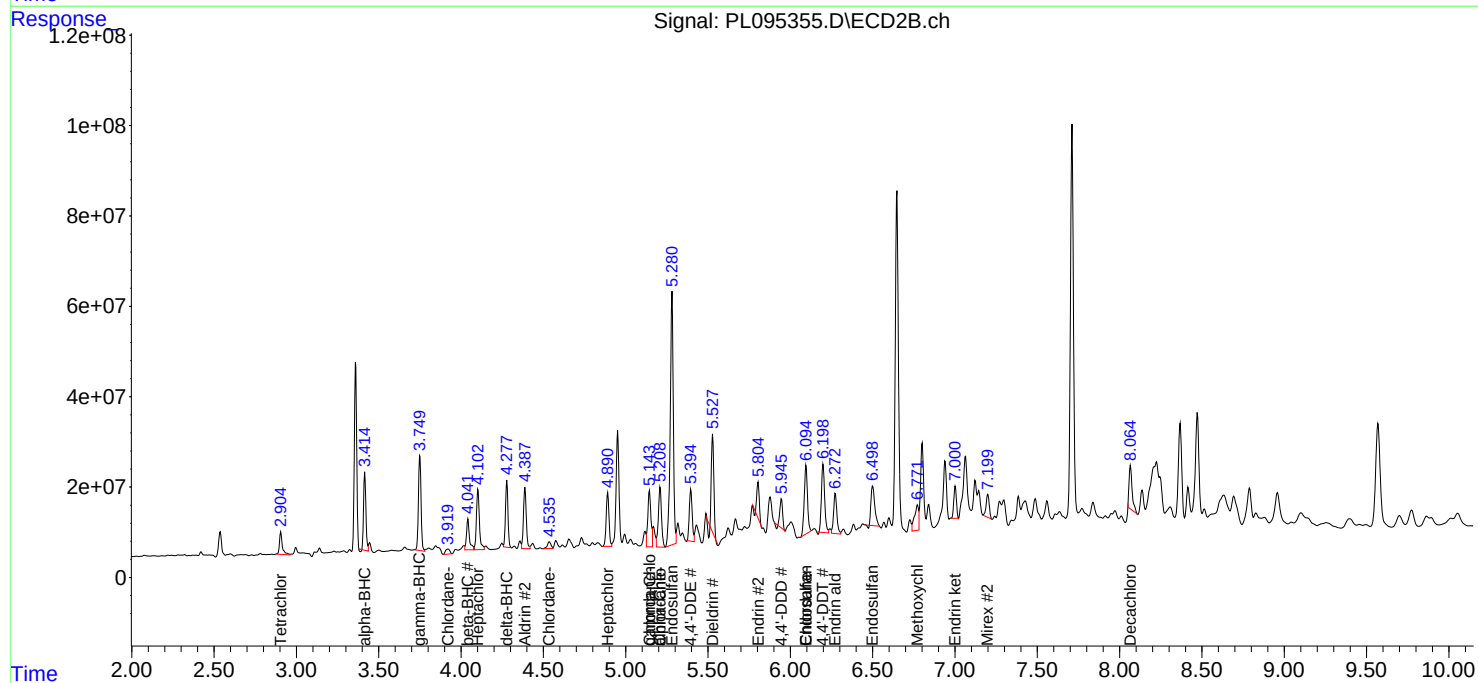
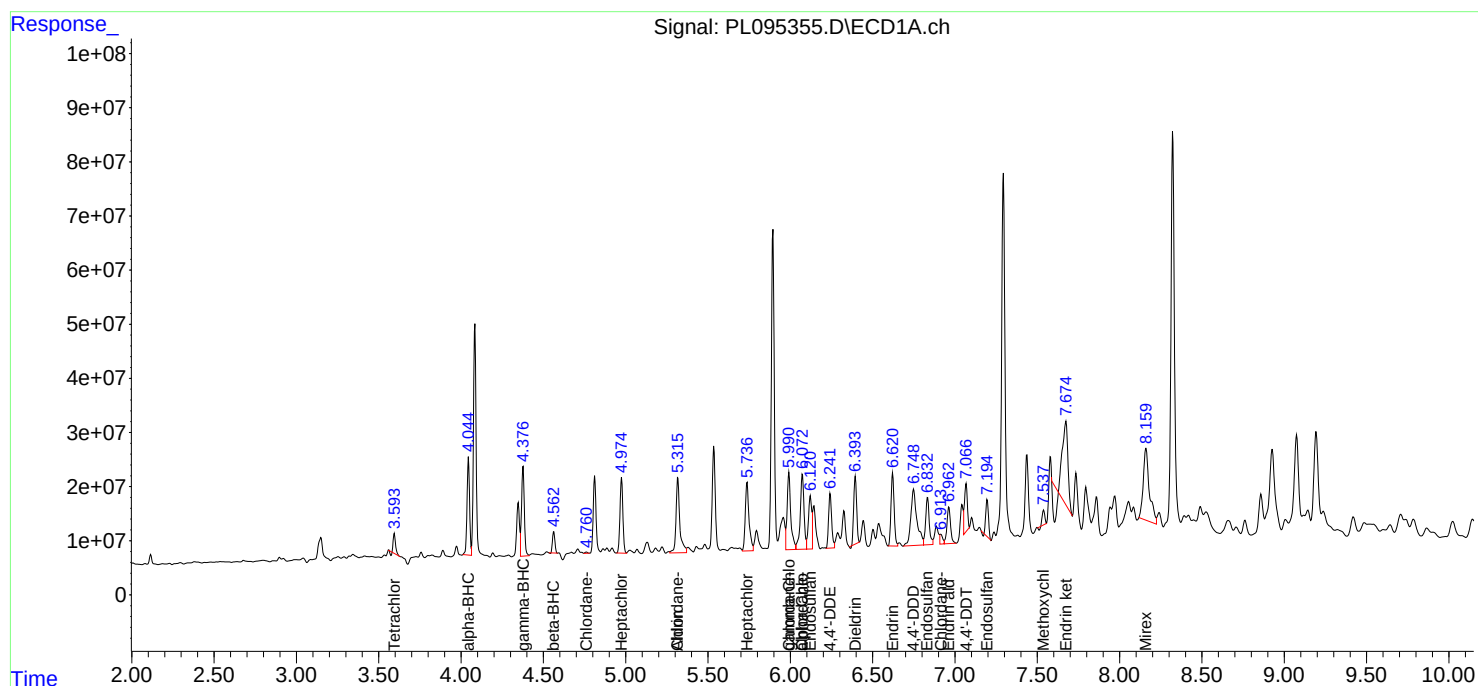
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

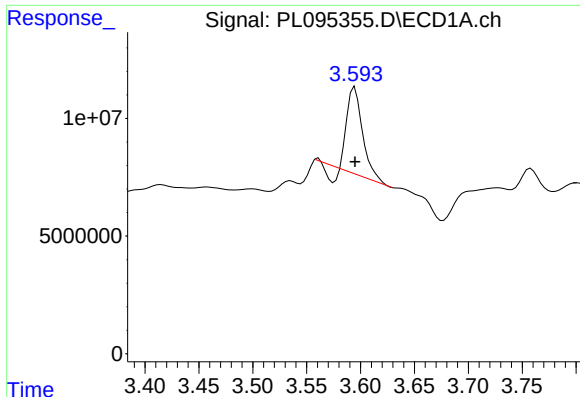
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042325\  
Data File : PL095355.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Apr 2025 18:28  
Operator : AR\AJ  
Sample : Q1848-03MSD  
Misc :  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
ETGI-275MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 24 01:27:41 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
Quant Title : GC Extractables  
QLast Update : Wed Apr 23 16:23:18 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

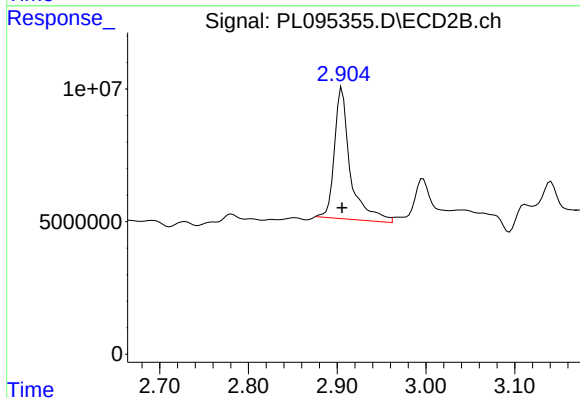




#1 Tetrachloro-m-xylene

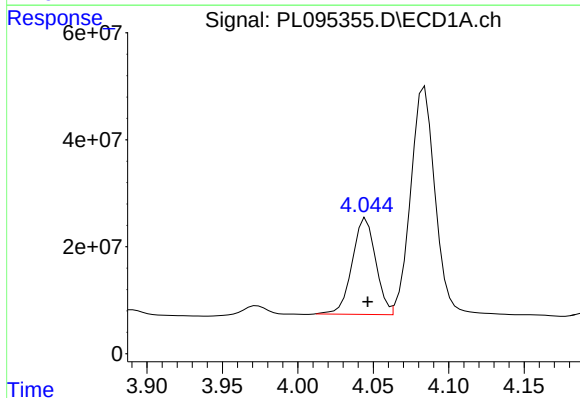
R.T.: 3.595 min  
Delta R.T.: 0.000 min  
Response: 32499782  
Conc: 9.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ETGI-275MSD



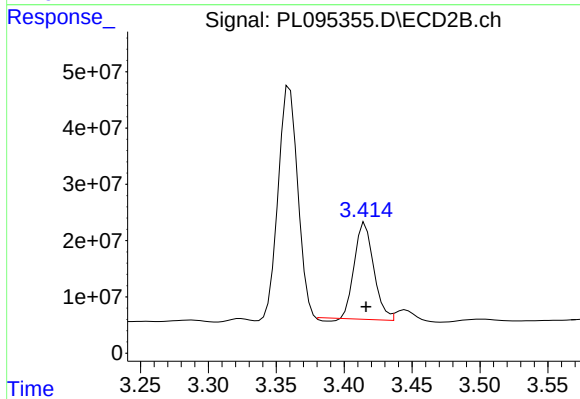
#1 Tetrachloro-m-xylene

R.T.: 2.905 min  
Delta R.T.: 0.000 min  
Response: 61194943  
Conc: 19.25 ng/ml



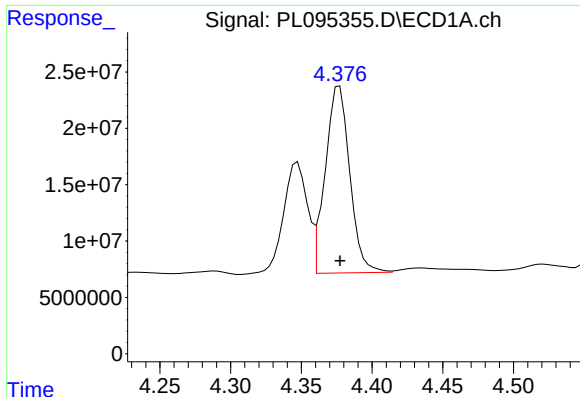
#2 alpha-BHC

R.T.: 4.045 min  
Delta R.T.: 0.000 min  
Response: 195370465  
Conc: 39.44 ng/ml



#2 alpha-BHC

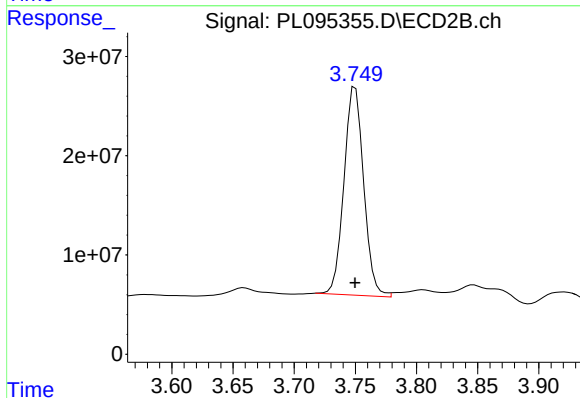
R.T.: 3.415 min  
Delta R.T.: 0.000 min  
Response: 167384879  
Conc: 37.63 ng/ml



#3 gamma-BHC (Lindane)

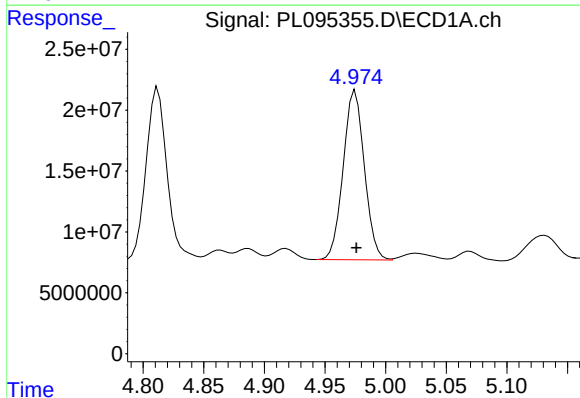
R.T.: 4.377 min  
Delta R.T.: 0.000 min  
Response: 199470677  
Conc: 42.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ETGI-275MSD



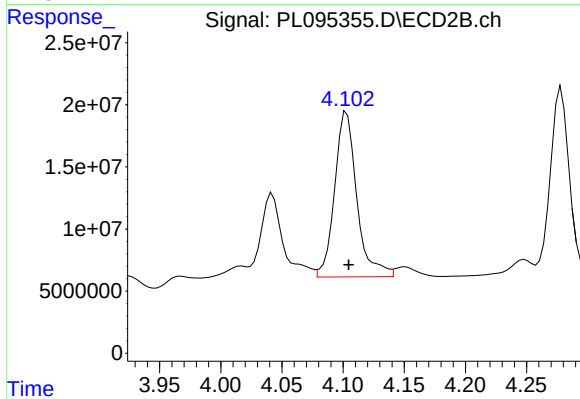
#3 gamma-BHC (Lindane)

R.T.: 3.750 min  
Delta R.T.: 0.000 min  
Response: 235205765  
Conc: 53.48 ng/ml



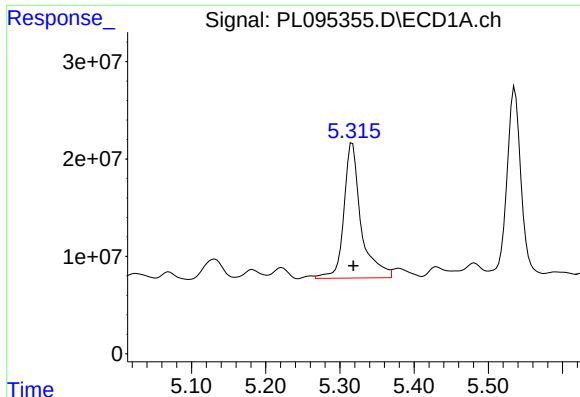
#4 Heptachlor

R.T.: 4.975 min  
Delta R.T.: 0.000 min  
Response: 169312049  
Conc: 37.01 ng/ml



#4 Heptachlor

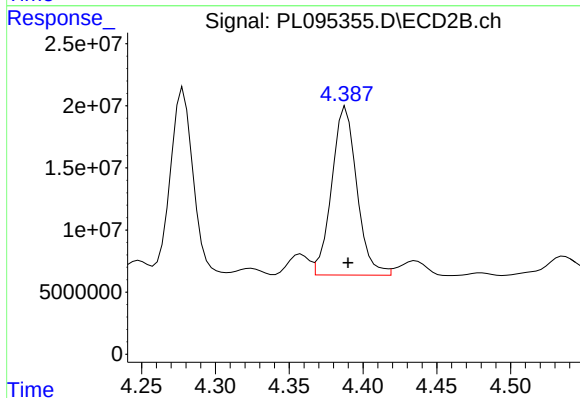
R.T.: 4.103 min  
Delta R.T.: -0.002 min  
Response: 167923996  
Conc: 38.54 ng/ml



#5 Aldrin

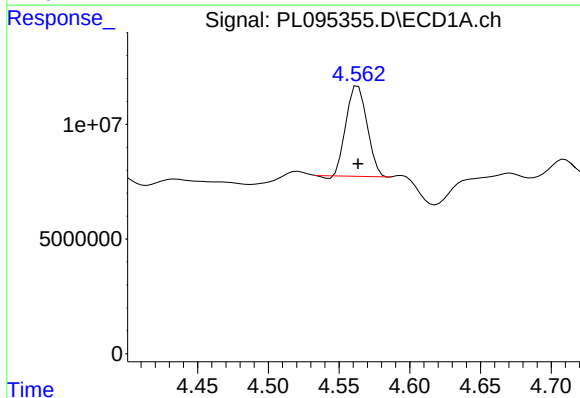
R.T.: 5.317 min  
Delta R.T.: -0.001 min  
Response: 222745462  
Conc: 48.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ETGI-275MSD



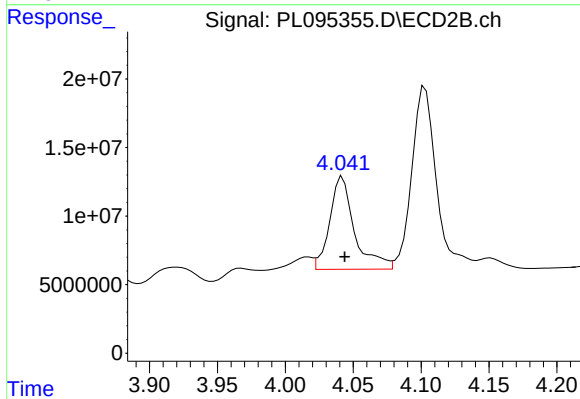
#5 Aldrin

R.T.: 4.388 min  
Delta R.T.: -0.002 min  
Response: 160732091  
Conc: 39.05 ng/ml



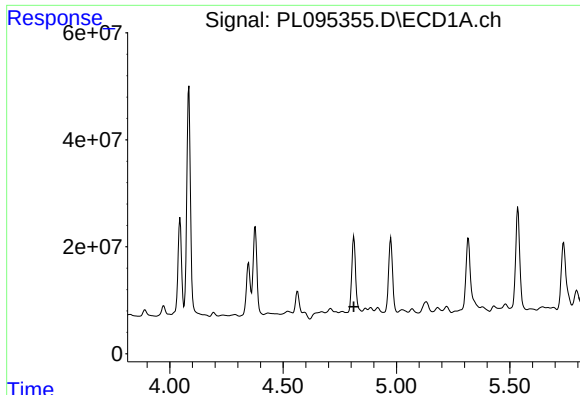
#6 beta-BHC

R.T.: 4.563 min  
Delta R.T.: 0.000 min  
Response: 40774300  
Conc: 19.72 ng/ml



#6 beta-BHC

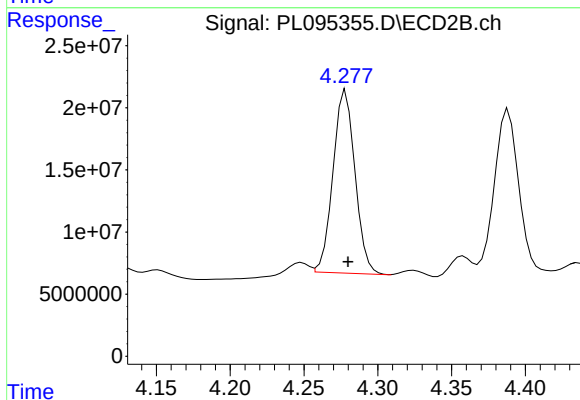
R.T.: 4.042 min  
Delta R.T.: -0.002 min  
Response: 85979676  
Conc: 41.42 ng/ml



#7 delta-BHC

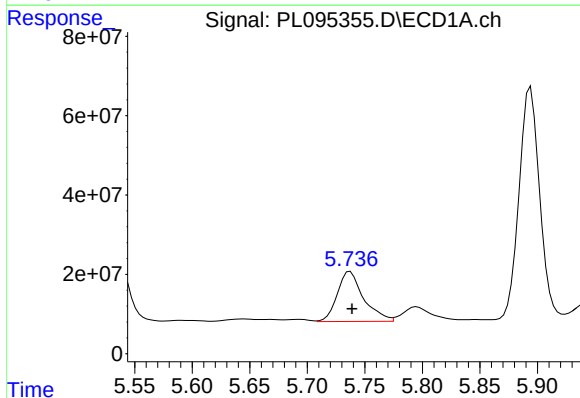
R.T.: 0.000 min  
Exp R.T.: 4.812 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
ETGI-275MSD



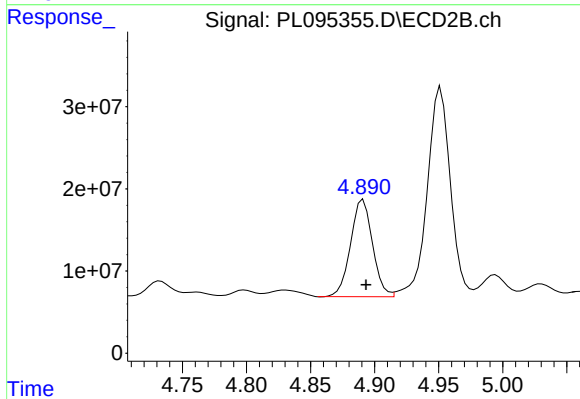
#7 delta-BHC

R.T.: 4.278 min  
Delta R.T.: -0.001 min  
Response: 153012352  
Conc: 34.92 ng/ml



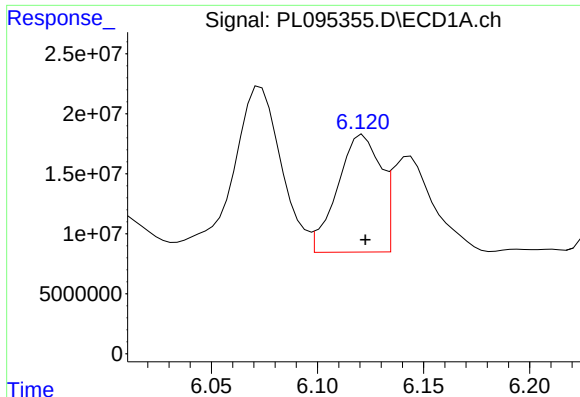
#8 Heptachlor epoxide

R.T.: 5.737 min  
Delta R.T.: -0.002 min  
Response: 200440261  
Conc: 50.05 ng/ml



#8 Heptachlor epoxide

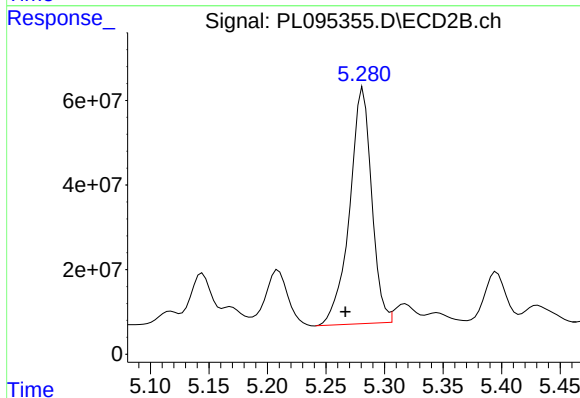
R.T.: 4.891 min  
Delta R.T.: -0.002 min  
Response: 140908369  
Conc: 36.48 ng/ml



#9 Endosulfan I

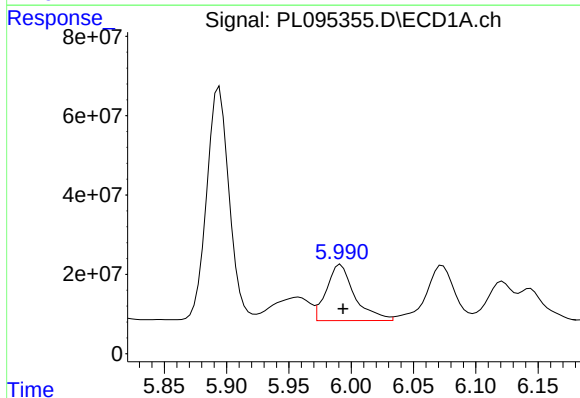
R.T.: 6.122 min  
Delta R.T.: 0.000 min  
Response: 137683859  
Conc: 36.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ETGI-275MSD



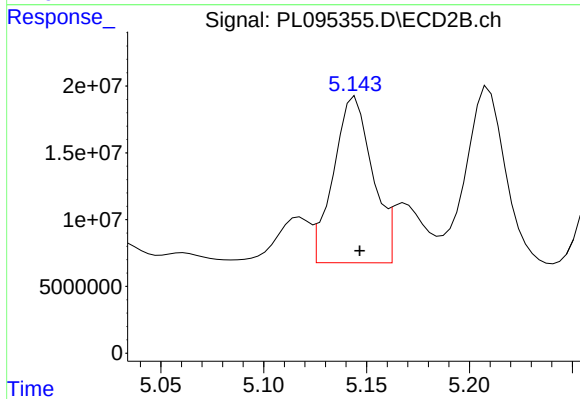
#9 Endosulfan I

R.T.: 5.282 min  
Delta R.T.: 0.015 min  
Response: 730585745  
Conc: 199.59 ng/ml



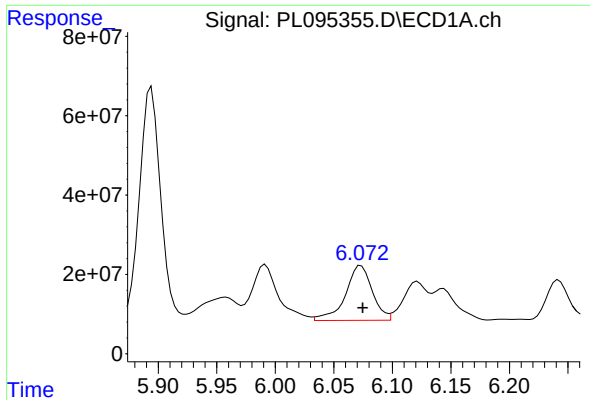
#10 gamma-Chlordane

R.T.: 5.992 min  
Delta R.T.: -0.002 min  
Response: 222714185  
Conc: 54.60 ng/ml



#10 gamma-Chlordane

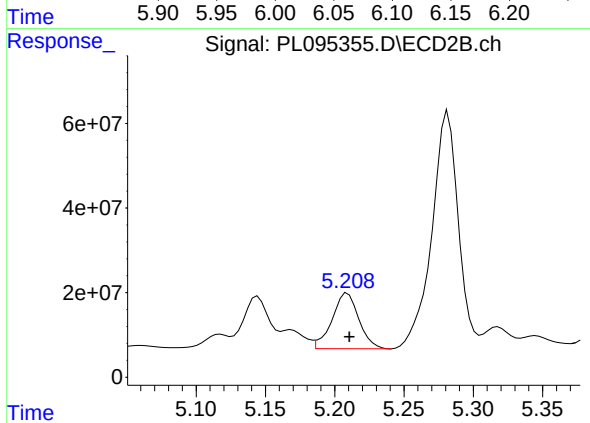
R.T.: 5.145 min  
Delta R.T.: -0.002 min  
Response: 163742091  
Conc: 40.40 ng/ml



#11 alpha-Chlordane

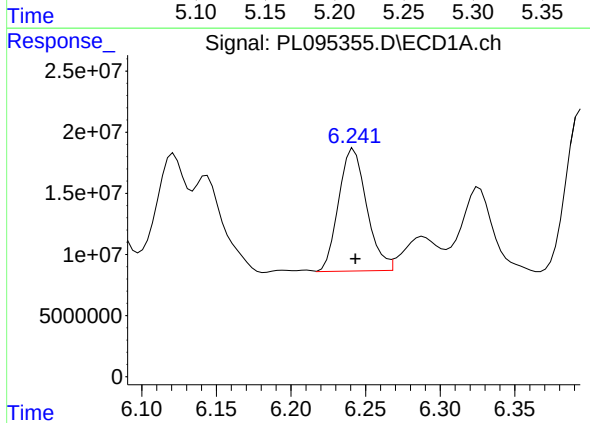
R.T.: 6.073 min  
Delta R.T.: -0.002 min  
Response: 220887418  
Conc: 54.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ETGI-275MSD



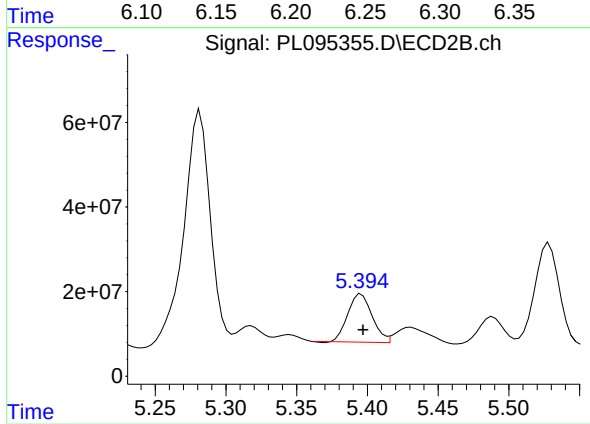
#11 alpha-Chlordane

R.T.: 5.209 min  
Delta R.T.: -0.001 min  
Response: 177374169  
Conc: 44.55 ng/ml



#12 4,4'-DDE

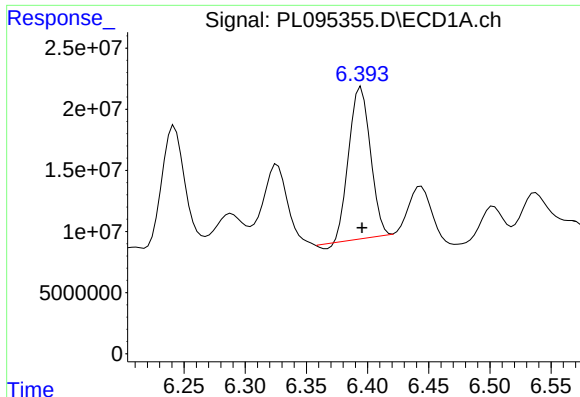
R.T.: 6.242 min  
Delta R.T.: 0.000 min  
Response: 131467735  
Conc: 33.53 ng/ml



#12 4,4'-DDE

R.T.: 5.396 min  
Delta R.T.: -0.001 min  
Response: 136352399  
Conc: 33.53 ng/ml

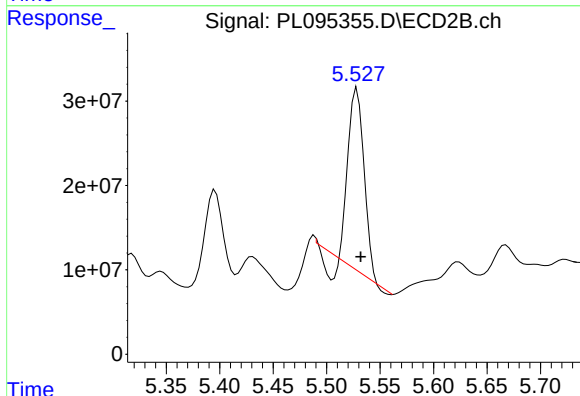




#13 Dieldrin

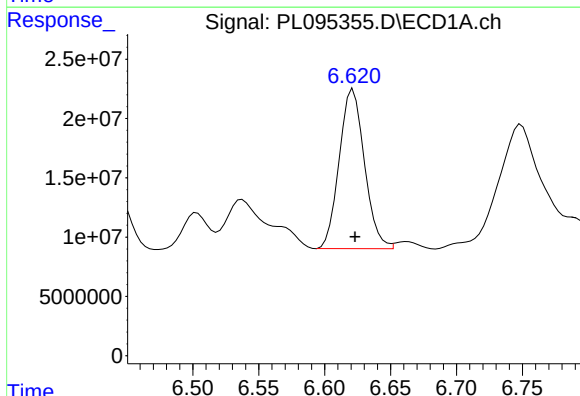
R.T.: 6.395 min  
Delta R.T.: 0.000 min  
Response: 150584274  
Conc: 39.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ETGI-275MSD



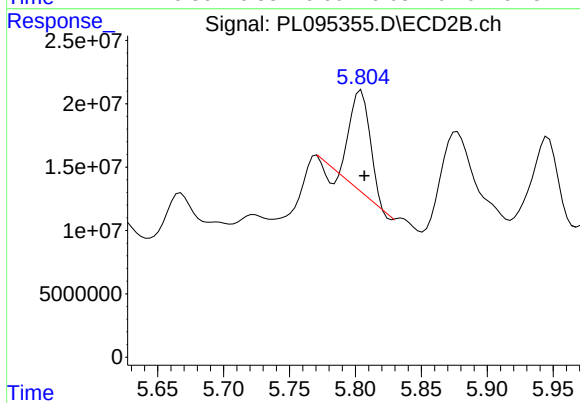
#13 Dieldrin

R.T.: 5.528 min  
Delta R.T.: -0.003 min  
Response: 212709060  
Conc: 52.30 ng/ml



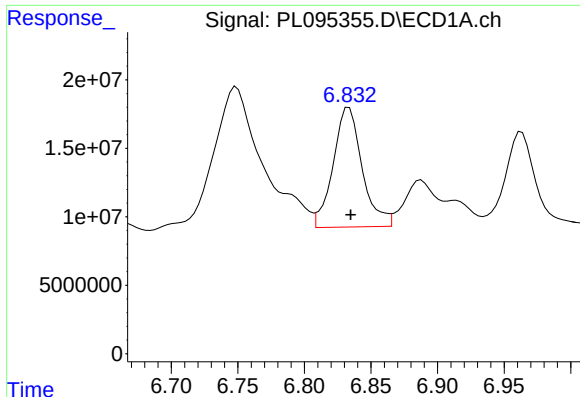
#14 Endrin

R.T.: 6.622 min  
Delta R.T.: -0.001 min  
Response: 178959378  
Conc: 56.19 ng/ml



#14 Endrin

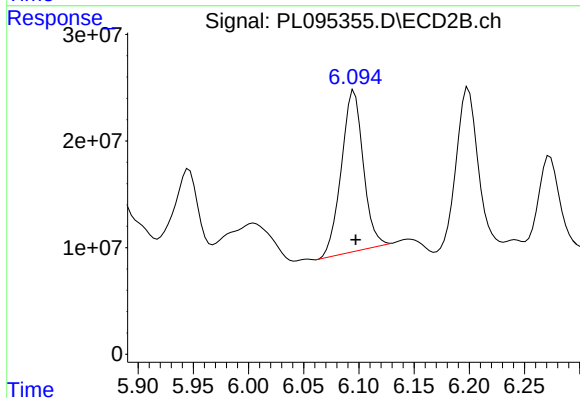
R.T.: 5.804 min  
Delta R.T.: -0.002 min  
Response: 78979702  
Conc: 21.69 ng/ml



#15 Endosulfan II

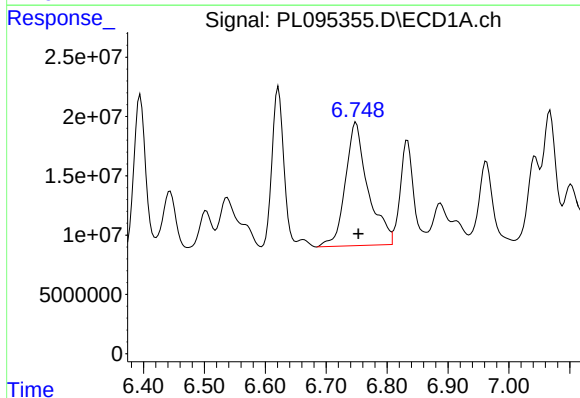
R.T.: 6.833 min  
Delta R.T.: -0.001 min  
Response: 132627757  
Conc: 41.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ETGI-275MSD



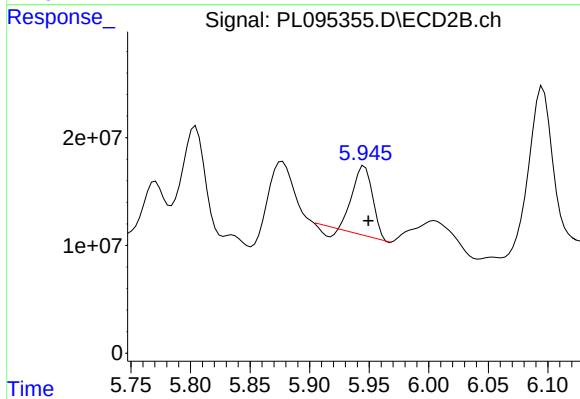
#15 Endosulfan II

R.T.: 6.096 min  
Delta R.T.: -0.002 min  
Response: 207440683  
Conc: 57.77 ng/ml



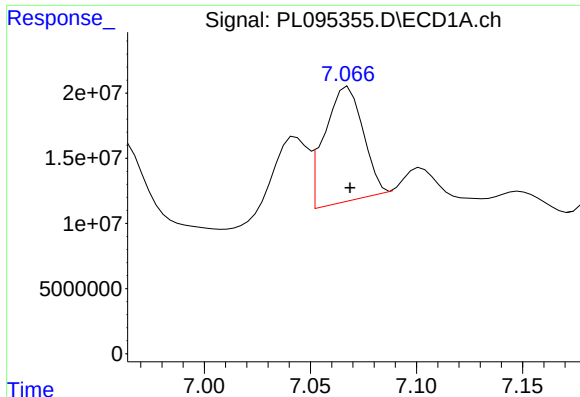
#16 4,4'-DDD

R.T.: 6.749 min  
Delta R.T.: -0.004 min  
Response: 269396978  
Conc: 95.16 ng/ml



#16 4,4'-DDD

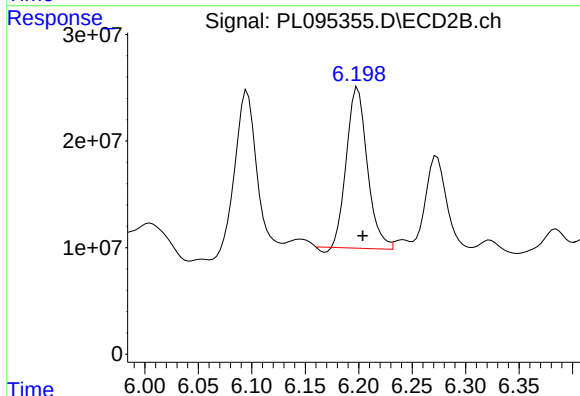
R.T.: 5.946 min  
Delta R.T.: -0.003 min  
Response: 70415611  
Conc: 21.55 ng/ml



#17 4,4'-DDT

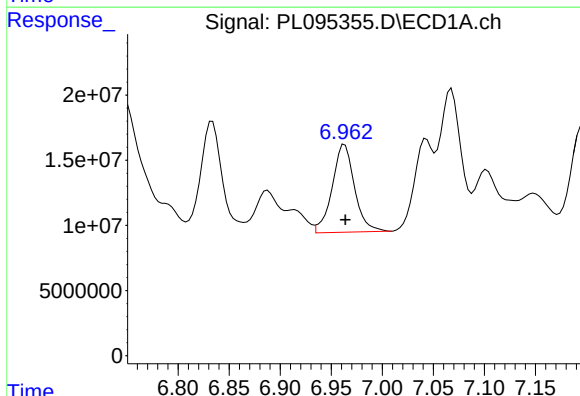
R.T.: 7.068 min  
Delta R.T.: 0.000 min  
Response: 111122268  
Conc: 39.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ETGI-275MSD



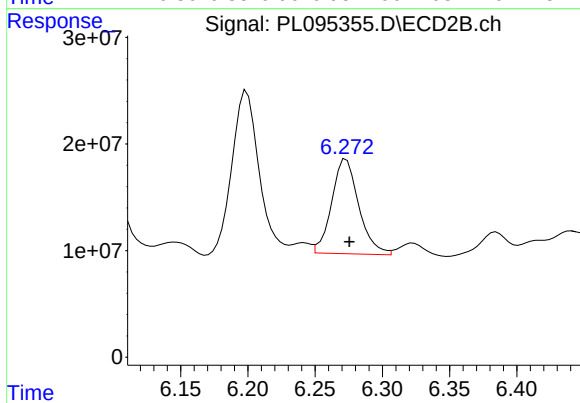
#17 4,4'-DDT

R.T.: 6.199 min  
Delta R.T.: -0.005 min  
Response: 203615602  
Conc: 59.26 ng/ml



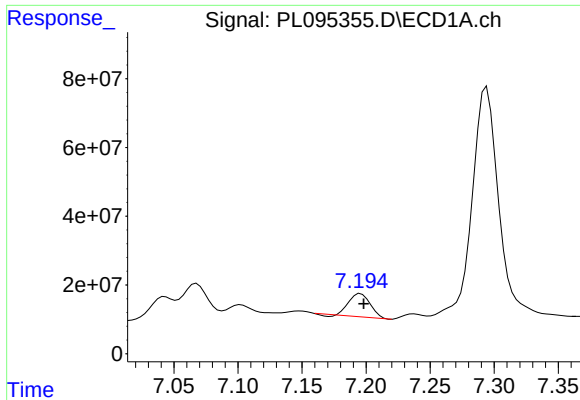
#18 Endrin aldehyde

R.T.: 6.963 min  
Delta R.T.: 0.000 min  
Response: 102648094  
Conc: 44.23 ng/ml



#18 Endrin aldehyde

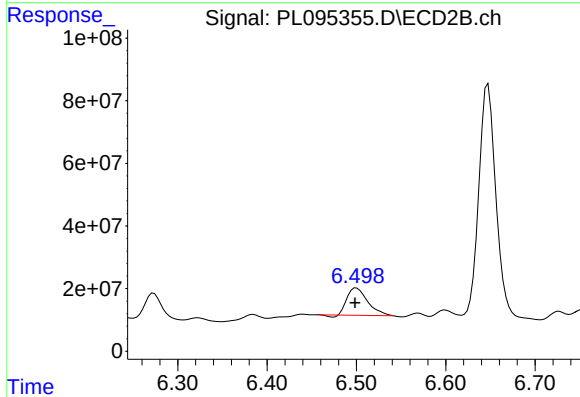
R.T.: 6.273 min  
Delta R.T.: -0.002 min  
Response: 124255412  
Conc: 47.55 ng/ml



#19 Endosulfan Sulfate

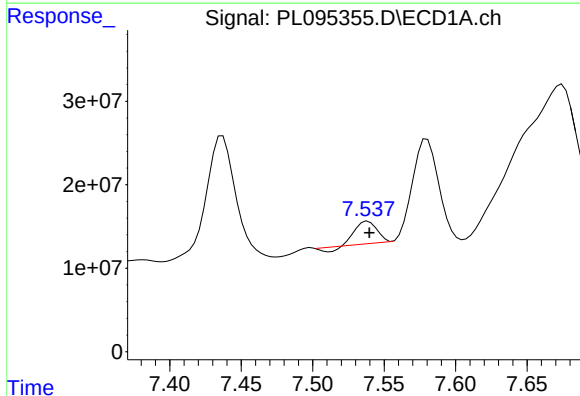
R.T.: 7.196 min  
Delta R.T.: -0.002 min  
Response: 76038784  
Conc: 27.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ETGI-275MSD



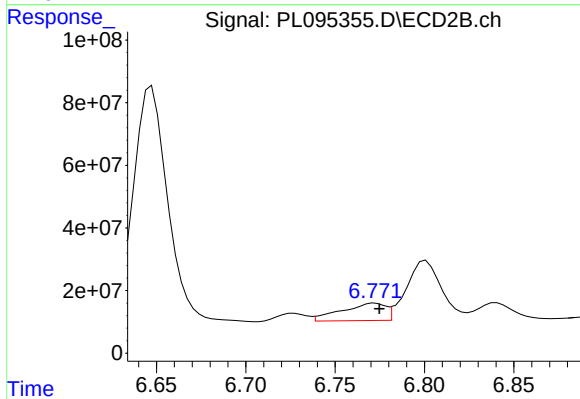
#19 Endosulfan Sulfate

R.T.: 6.500 min  
Delta R.T.: 0.002 min  
Response: 136833958  
Conc: 41.24 ng/ml



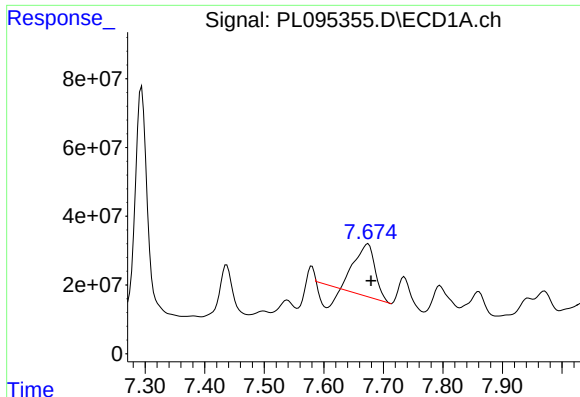
#20 Methoxychlor

R.T.: 7.539 min  
Delta R.T.: 0.000 min  
Response: 25396051  
Conc: 18.20 ng/ml



#20 Methoxychlor

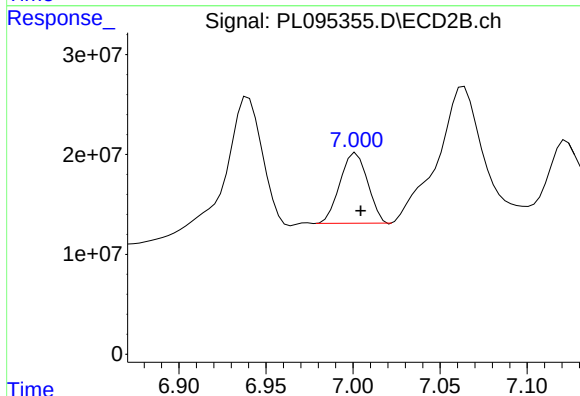
R.T.: 6.772 min  
Delta R.T.: -0.002 min  
Response: 95631453  
Conc: 50.14 ng/ml



#21 Endrin ketone

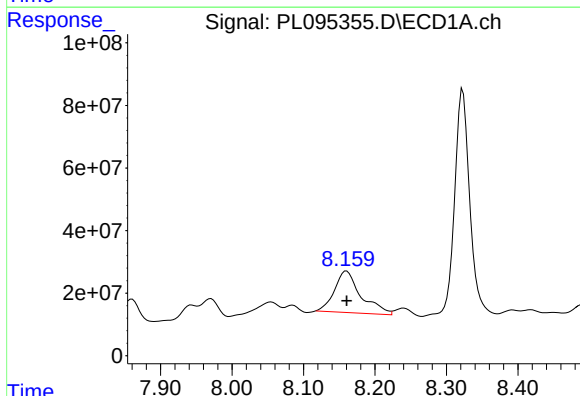
R.T.: 7.674 min  
Delta R.T.: -0.005 min  
Response: 293398479  
Conc: 102.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ETGI-275MSD



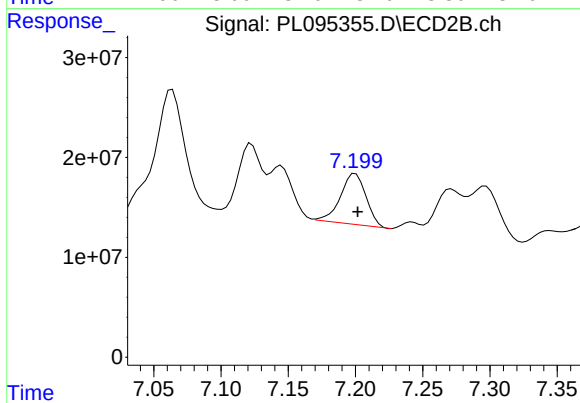
#21 Endrin ketone

R.T.: 7.002 min  
Delta R.T.: -0.003 min  
Response: 77808303  
Conc: 22.10 ng/ml



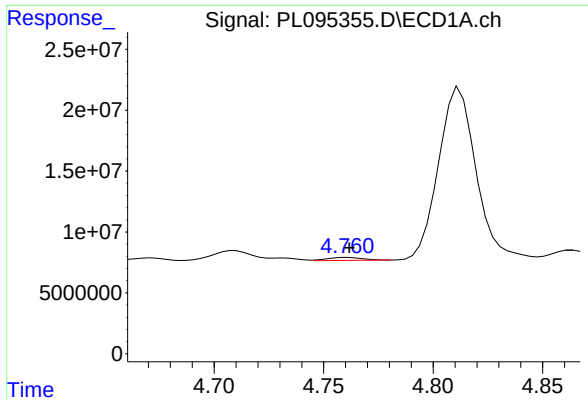
#22 Mirex

R.T.: 8.160 min  
Delta R.T.: 0.000 min  
Response: 342131702  
Conc: 143.99 ng/ml



#22 Mirex

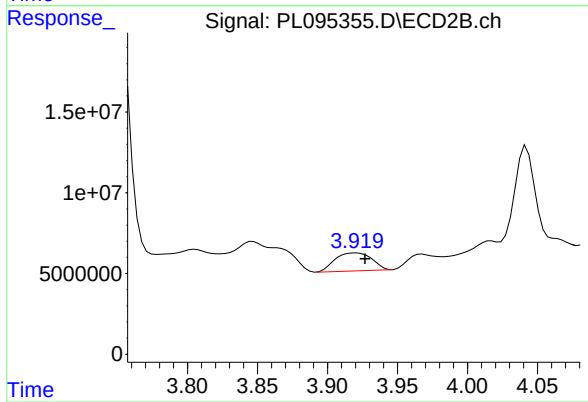
R.T.: 7.200 min  
Delta R.T.: -0.002 min  
Response: 67295510  
Conc: 23.35 ng/ml



#23 Chlordane-1

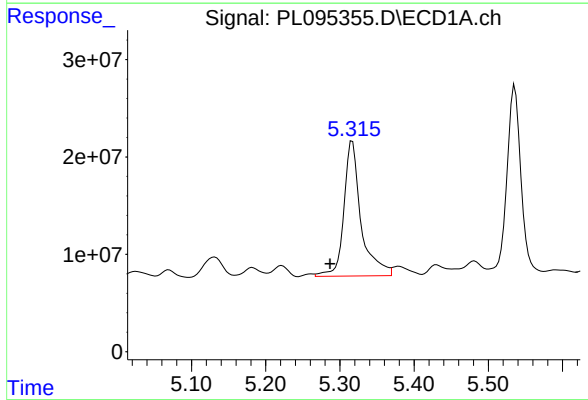
R.T.: 4.761 min  
Delta R.T.: 0.000 min  
Response: 2629153  
Conc: 13.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ETGI-275MSD



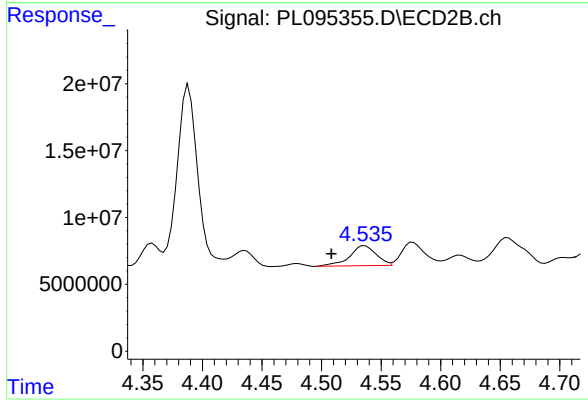
#23 Chlordane-1

R.T.: 3.920 min  
Delta R.T.: -0.007 min  
Response: 20214817  
Conc: 130.72 ng/ml



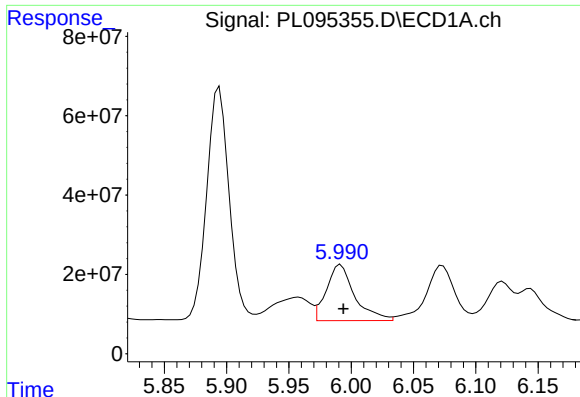
#24 Chlordane-2

R.T.: 5.317 min  
Delta R.T.: 0.030 min  
Response: 222745462  
Conc: 1052.10 ng/ml



#24 Chlordane-2

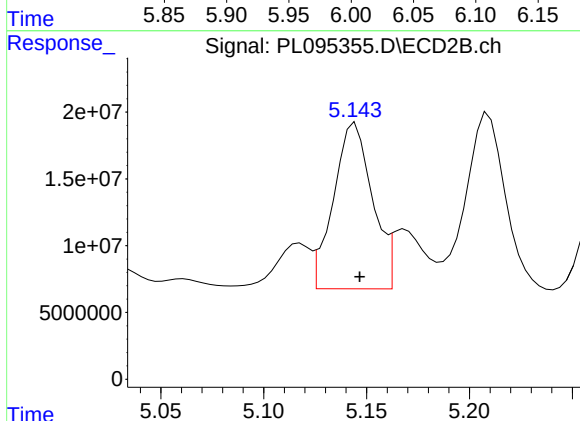
R.T.: 4.536 min  
Delta R.T.: 0.028 min  
Response: 23142581  
Conc: 125.76 ng/ml



#25 Chlordane-3

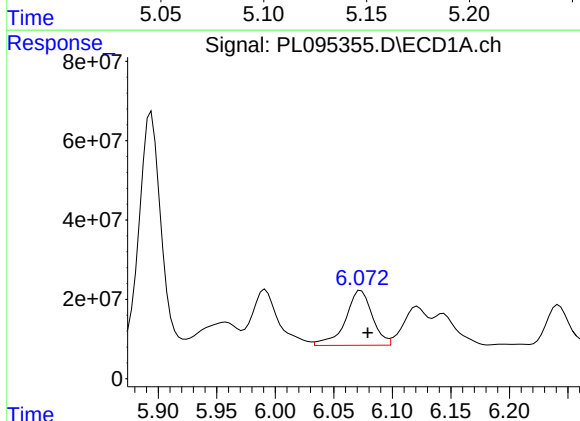
R.T.: 5.992 min  
Delta R.T.: -0.002 min  
Response: 222714185  
Conc: 285.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ETGI-275MSD



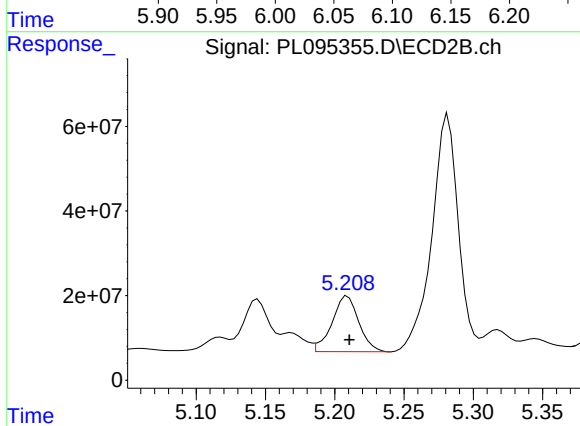
#25 Chlordane-3

R.T.: 5.145 min  
Delta R.T.: -0.002 min  
Response: 163742091  
Conc: 316.95 ng/ml



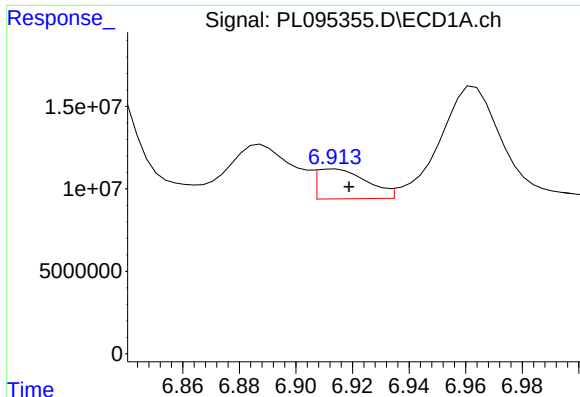
#26 Chlordane-4

R.T.: 6.073 min  
Delta R.T.: -0.006 min  
Response: 220887418  
Conc: 234.26 ng/ml



#26 Chlordane-4

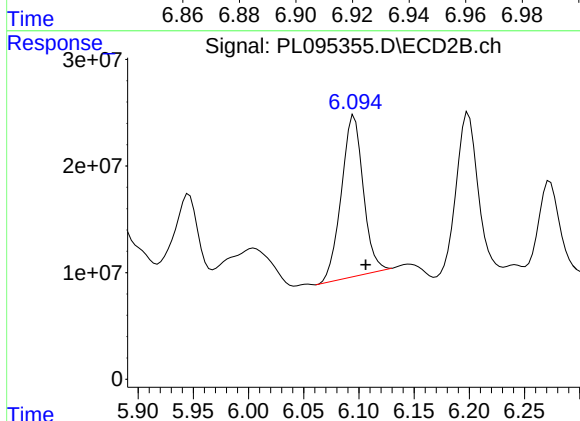
R.T.: 5.209 min  
Delta R.T.: -0.001 min  
Response: 177374169  
Conc: 408.12 ng/ml



#27 Chlordane-5

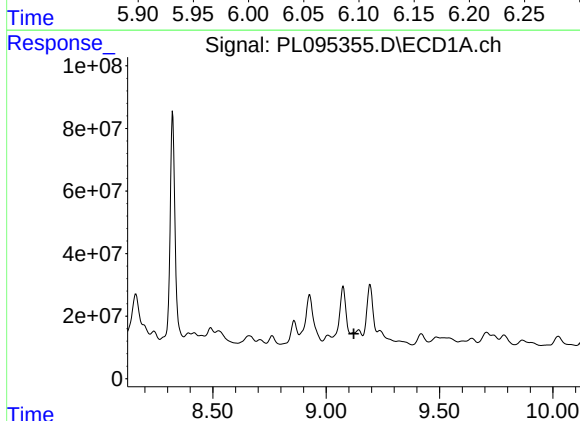
R.T.: 6.914 min  
Delta R.T.: -0.005 min  
Response: 22302649  
Conc: 147.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
ETGI-275MSD



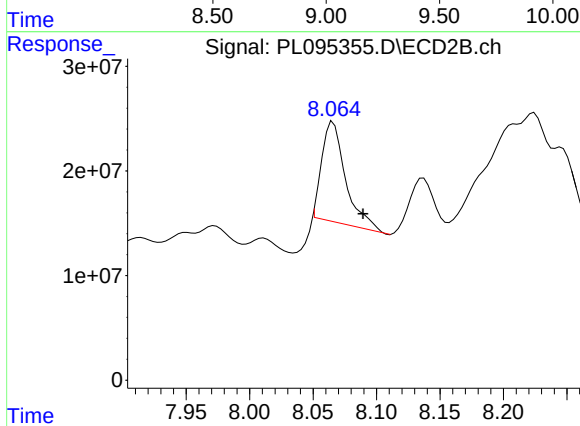
#27 Chlordane-5

R.T.: 6.096 min  
Delta R.T.: -0.011 min  
Response: 207440683  
Conc: 1122.89 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.144 min  
Delta R.T.: 0.022 min  
Response: -146605487  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.066 min  
Delta R.T.: -0.024 min  
Response: 124356876  
Conc: 42.02 ng/ml