

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
 Data File : PL095530.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 May 2025 09:35  
 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: May 06 01:38:21 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... | 3.593  | 2.910 | 140.6E6  | 172.5E6 | 43.081   | 54.248 #   |
| 28)                         | SA Decachlor... | 9.116  | 8.086 | 121.7E6  | 144.1E6 | 43.907   | 48.697     |
| Target Compounds            |                 |        |       |          |         |          |            |
| 2)                          | A alpha-BHC     | 4.044  | 3.419 | 217.9E6  | 264.7E6 | 43.987   | 59.501 #   |
| 3)                          | MA gamma-BHC... | 4.375  | 3.752 | 219.8E6  | 251.3E6 | 46.427   | 57.127     |
| 4)                          | MA Heptachlor   | 4.973  | 4.106 | 197.0E6  | 242.9E6 | 43.062   | 55.753 #   |
| 5)                          | MB Aldrin       | 5.315  | 4.391 | 211.9E6  | 239.5E6 | 46.136   | 58.203 #   |
| 6)                          | B beta-BHC      | 4.560  | 4.046 | 88049620 | 115.1E6 | 42.587   | 55.466 #   |
| 7)                          | B delta-BHC     | 0.000  | 4.282 | 0        | 253.5E6 | N.D.     | 57.841 #   |
| 8)                          | B Heptachlo...  | 5.736  | 4.894 | 190.9E6  | 219.5E6 | 47.654   | 56.839     |
| 9)                          | A Endosulfan I  | 6.119  | 5.266 | 183.5E6  | 210.2E6 | 48.316   | 57.420     |
| 10)                         | B gamma-Chl...  | 5.990  | 5.146 | 195.9E6  | 227.9E6 | 48.022   | 56.228     |
| 11)                         | B alpha-Chl...  | 6.071  | 5.211 | 193.7E6  | 222.4E6 | 47.641   | 55.863     |
| 12)                         | B 4,4'-DDE      | 6.239  | 5.396 | 187.1E6  | 222.8E6 | 47.713   | 54.780     |
| 13)                         | MA Dieldrin     | 6.391  | 5.532 | 181.1E6  | 232.8E6 | 46.976   | 57.244     |
| 14)                         | MA Endrin       | 6.619  | 5.806 | 151.8E6  | 200.8E6 | 47.674   | 55.158     |
| 15)                         | B Endosulfa...  | 6.831  | 6.096 | 173.1E6  | 202.1E6 | 54.238   | 56.276     |
| 16)                         | A 4,4'-DDD      | 6.749  | 5.948 | 144.1E6  | 189.4E6 | 50.898   | 57.978     |
| 17)                         | MA 4,4'-DDT     | 7.064  | 6.202 | 133.4E6  | 193.2E6 | 46.819   | 56.231     |
| 18)                         | B Endrin al...  | 6.960  | 6.275 | 113.4E6  | 146.6E6 | 48.851   | 56.099     |
| 19)                         | B Endosulfa...  | 7.193  | 6.498 | 130.8E6  | 182.3E6 | 46.688   | 54.953     |
| 20)                         | A Methoxychlor  | 7.534  | 6.772 | 60523196 | 102.2E6 | 43.382   | 53.583     |
| 21)                         | B Endrin ke...  | 7.675  | 7.004 | 134.3E6  | 210.7E6 | 47.120   | 59.843 #   |
| 22)                         | Mirex           | 8.156  | 7.200 | 111.9E6  | 158.7E6 | 47.076   | 55.046     |
| 24)                         | Chlordane-2     | 5.315f | 0.000 | 211.9E6  | 0       | 1000.877 | N.D. #     |
| 25)                         | Chlordane-3     | 5.990  | 5.146 | 195.9E6  | 227.9E6 | 251.498  | 441.085 #  |
| 26)                         | Chlordane-4     | 6.071  | 5.211 | 193.7E6  | 222.4E6 | 205.435  | 511.708 #  |
| 27)                         | Chlordane-5     | 0.000  | 6.096 | 0        | 202.1E6 | N.D.     | 1093.933 # |
| -----                       |                 |        |       |          |         |          |            |

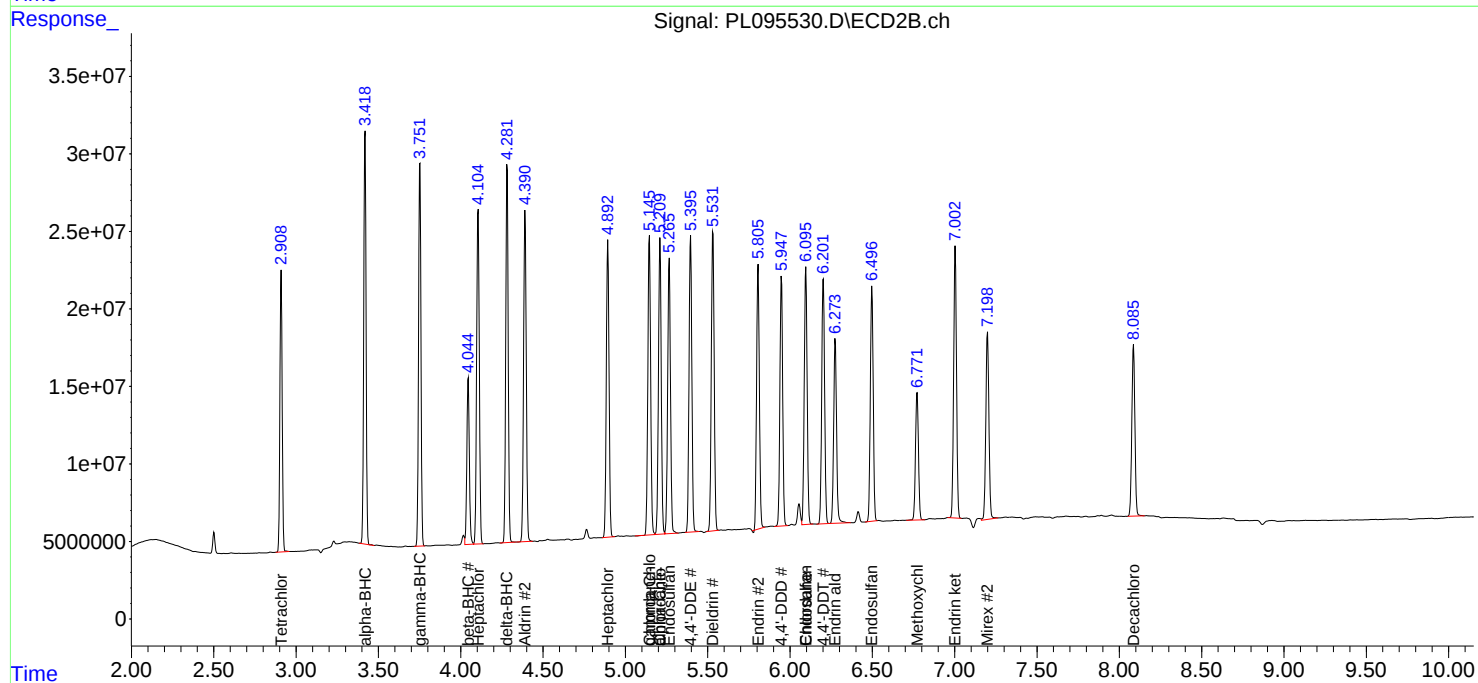
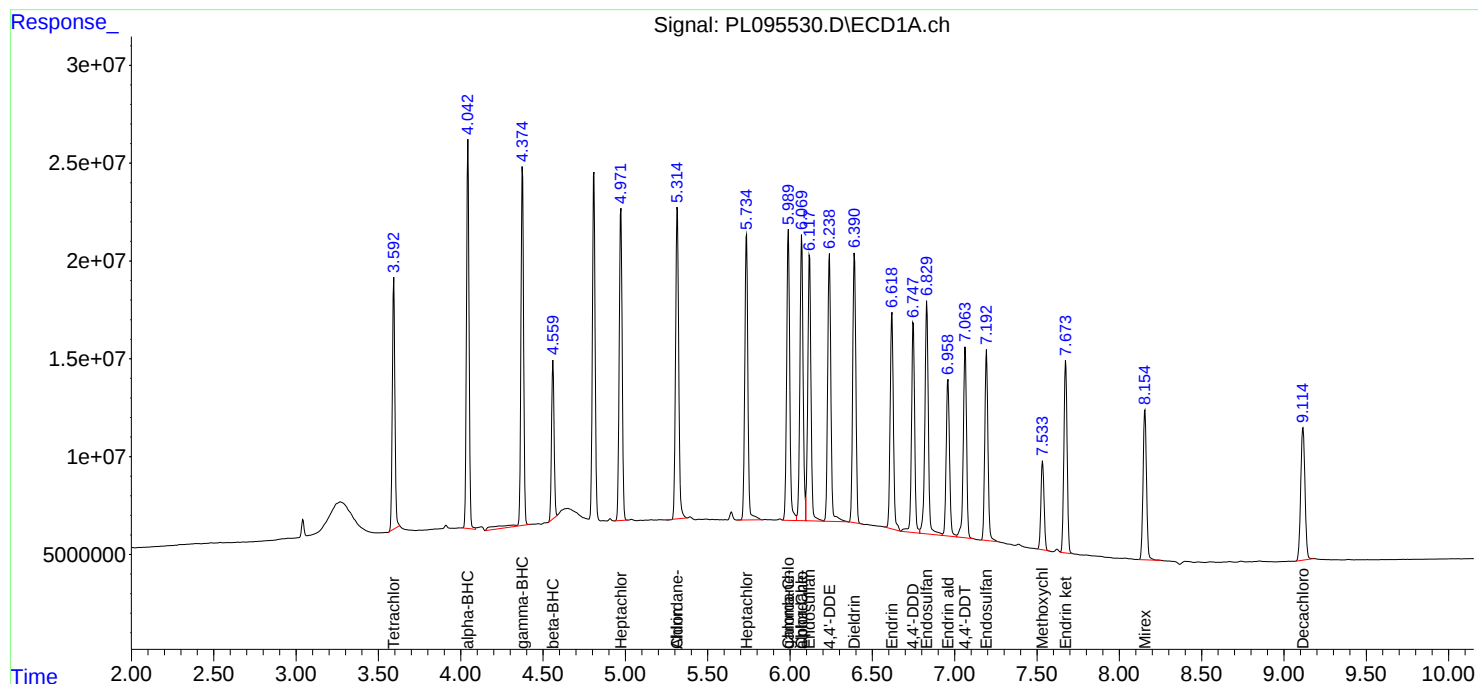
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

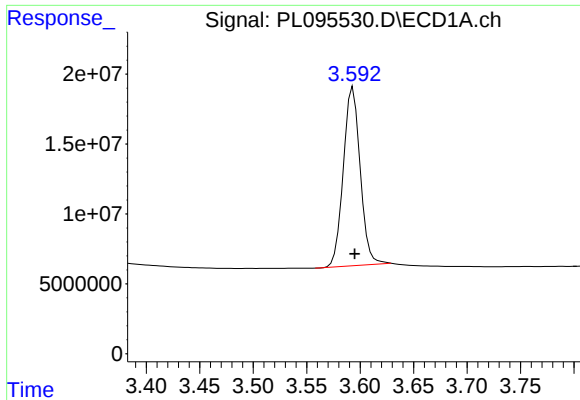
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050625\  
Data File : PL095530.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 May 2025 09:35  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 06 01:38:21 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

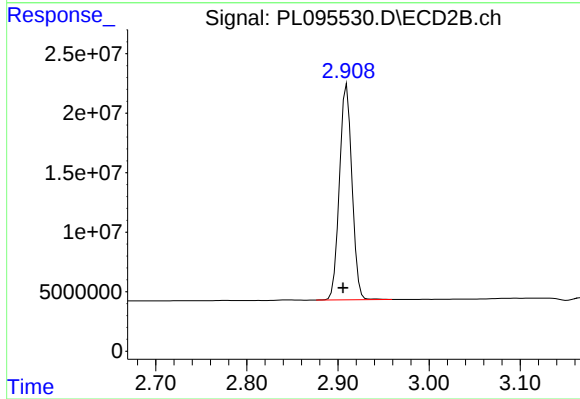




#1 Tetrachloro-m-xylene

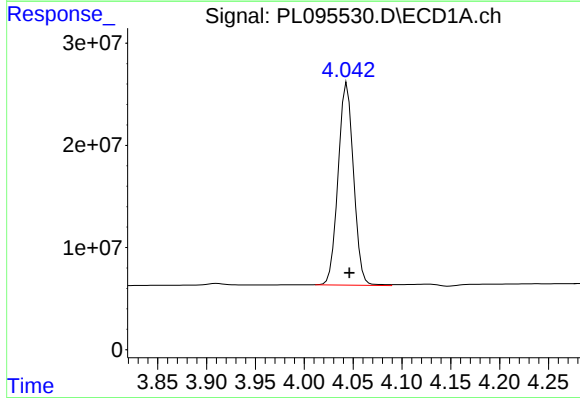
R.T.: 3.593 min  
Delta R.T.: -0.002 min  
Response: 140646200  
Conc: 43.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



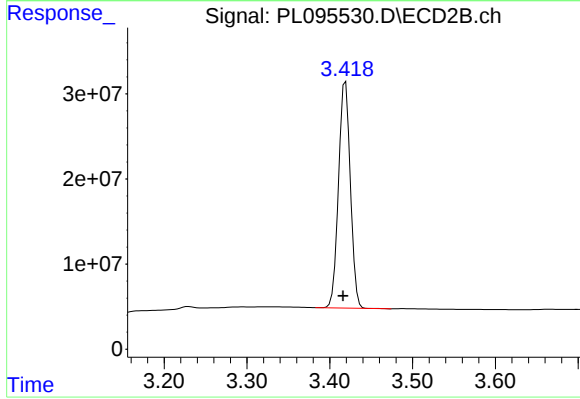
#1 Tetrachloro-m-xylene

R.T.: 2.910 min  
Delta R.T.: 0.004 min  
Response: 172494789  
Conc: 54.25 ng/ml



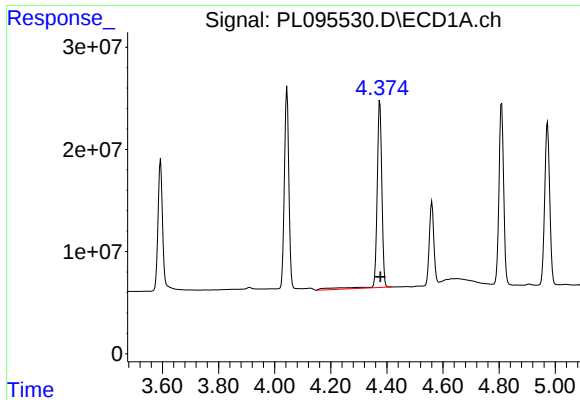
#2 alpha-BHC

R.T.: 4.044 min  
Delta R.T.: -0.002 min  
Response: 217899312  
Conc: 43.99 ng/ml



#2 alpha-BHC

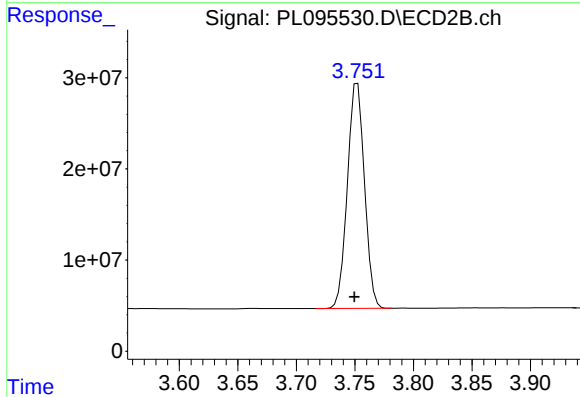
R.T.: 3.419 min  
Delta R.T.: 0.003 min  
Response: 264702098  
Conc: 59.50 ng/ml



#3 gamma-BHC (Lindane)

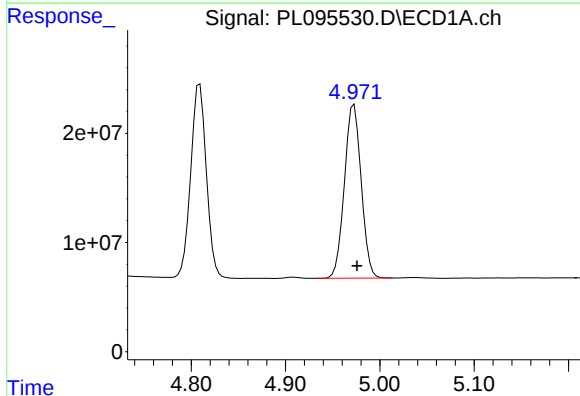
R.T.: 4.375 min  
Delta R.T.: -0.002 min  
Response: 219786703  
Conc: 46.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



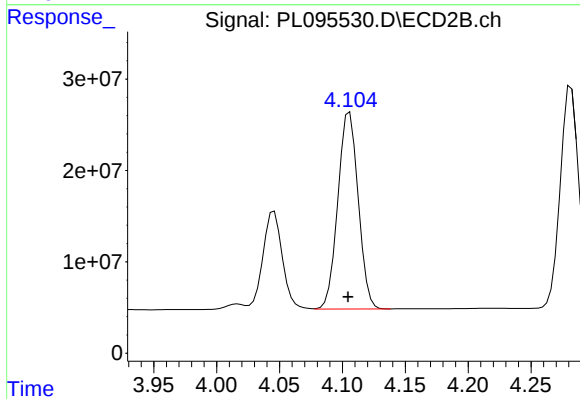
#3 gamma-BHC (Lindane)

R.T.: 3.752 min  
Delta R.T.: 0.002 min  
Response: 251257903  
Conc: 57.13 ng/ml



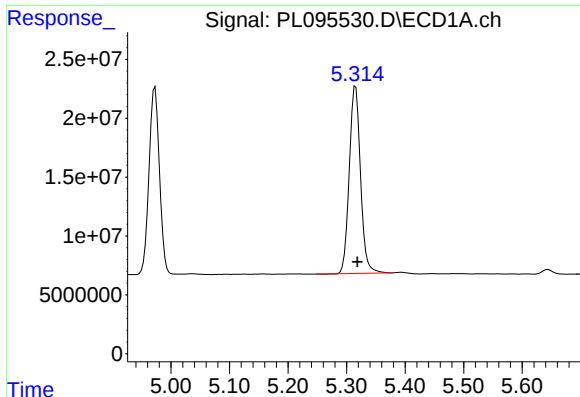
#4 Heptachlor

R.T.: 4.973 min  
Delta R.T.: -0.003 min  
Response: 196987634  
Conc: 43.06 ng/ml



#4 Heptachlor

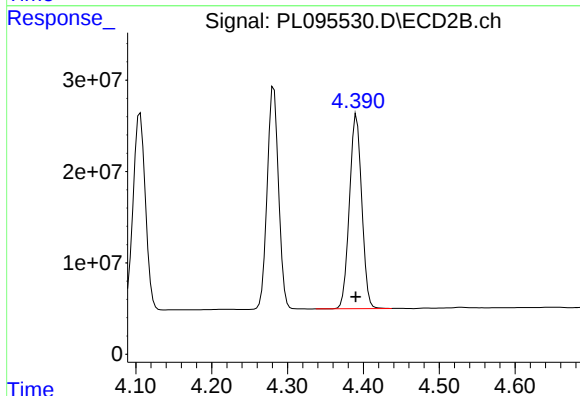
R.T.: 4.106 min  
Delta R.T.: 0.001 min  
Response: 242897344  
Conc: 55.75 ng/ml



#5 Aldrin

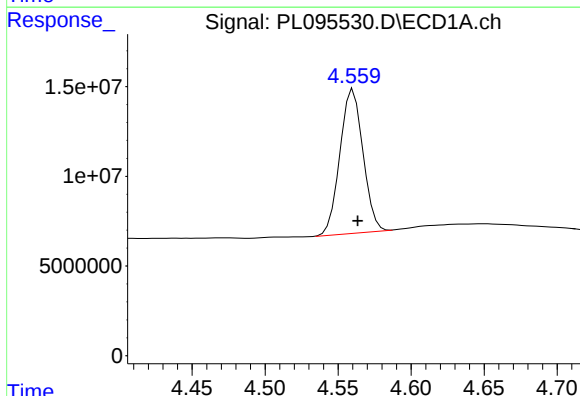
R.T.: 5.315 min  
Delta R.T.: -0.003 min  
Response: 211901465  
Conc: 46.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



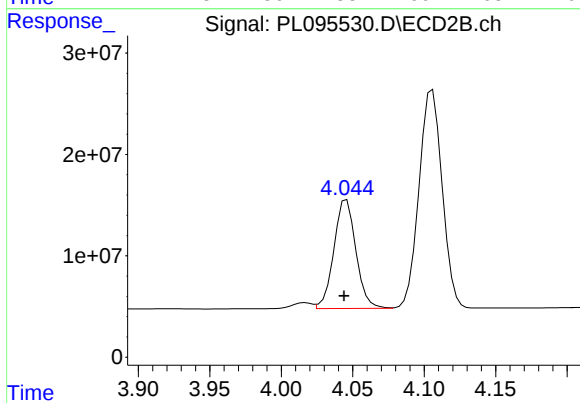
#5 Aldrin

R.T.: 4.391 min  
Delta R.T.: 0.000 min  
Response: 239546221  
Conc: 58.20 ng/ml



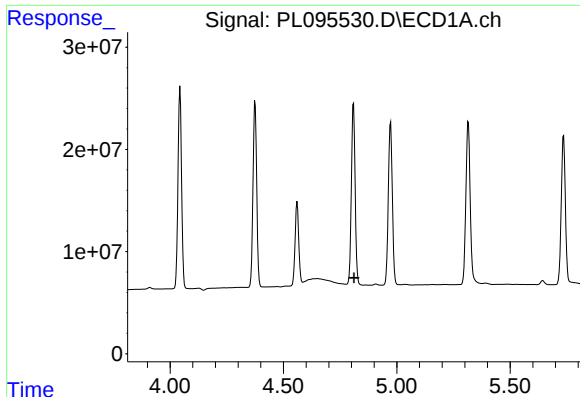
#6 beta-BHC

R.T.: 4.560 min  
Delta R.T.: -0.003 min  
Response: 88049620  
Conc: 42.59 ng/ml



#6 beta-BHC

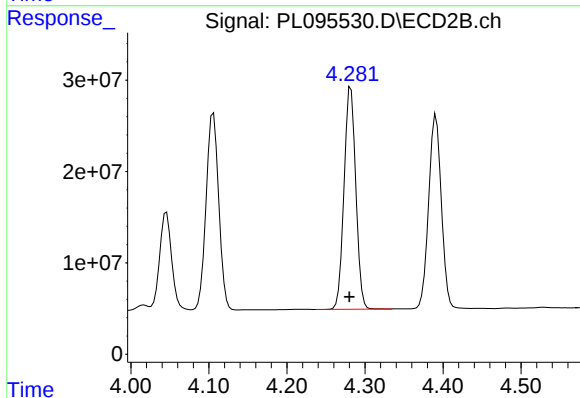
R.T.: 4.046 min  
Delta R.T.: 0.002 min  
Response: 115139438  
Conc: 55.47 ng/ml



#7 delta-BHC

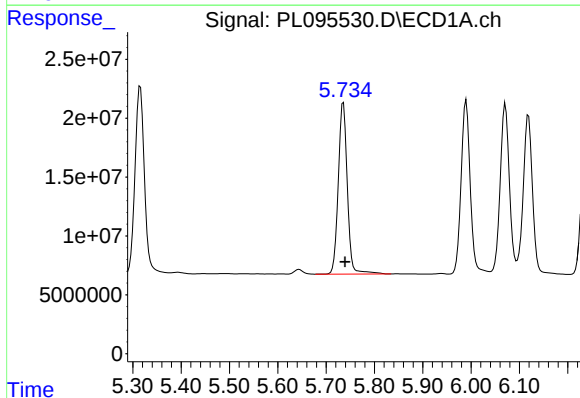
R.T.: 0.000 min  
Exp R.T.: 4.812 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



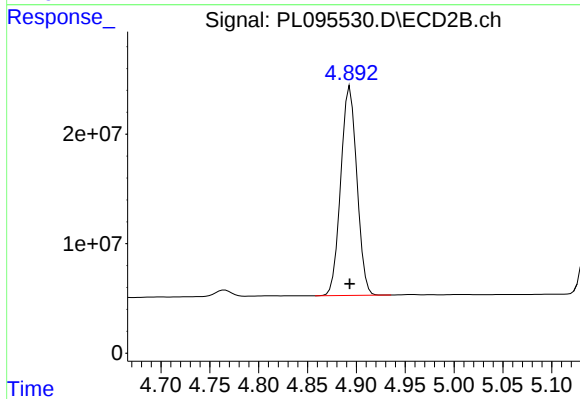
#7 delta-BHC

R.T.: 4.282 min  
Delta R.T.: 0.002 min  
Response: 253455297  
Conc: 57.84 ng/ml



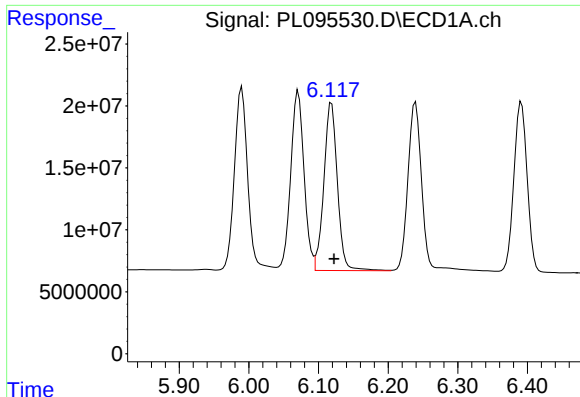
#8 Heptachlor epoxide

R.T.: 5.736 min  
Delta R.T.: -0.003 min  
Response: 190861209  
Conc: 47.65 ng/ml



#8 Heptachlor epoxide

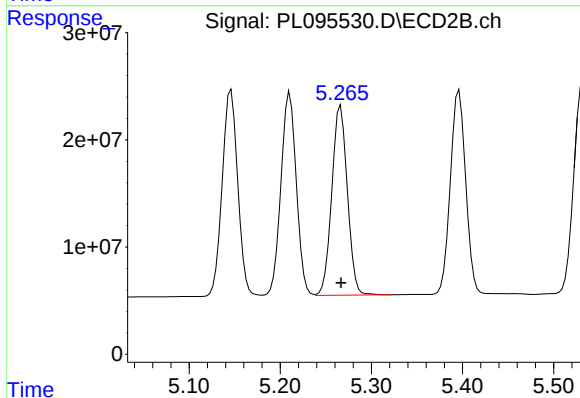
R.T.: 4.894 min  
Delta R.T.: 0.000 min  
Response: 219548420  
Conc: 56.84 ng/ml



#9 Endosulfan I

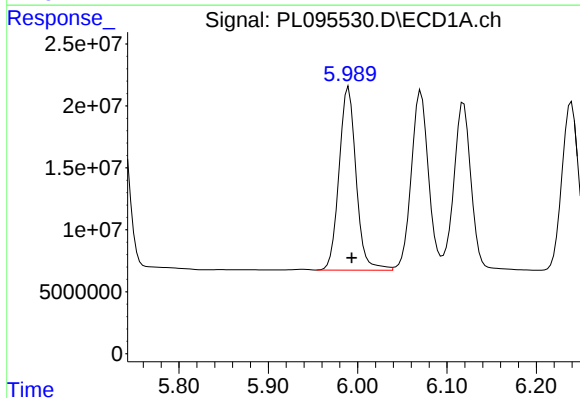
R.T.: 6.119 min  
Delta R.T.: -0.004 min  
Response: 183478787  
Conc: 48.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



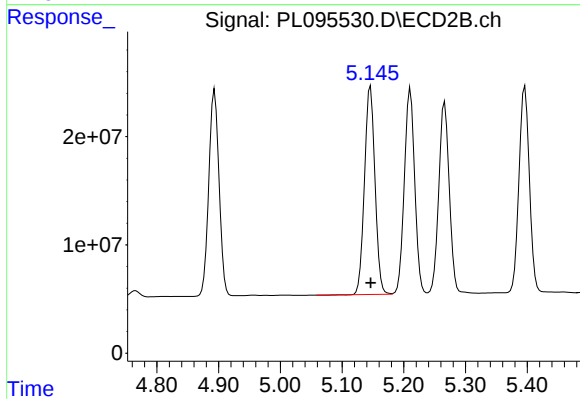
#9 Endosulfan I

R.T.: 5.266 min  
Delta R.T.: 0.000 min  
Response: 210181067  
Conc: 57.42 ng/ml



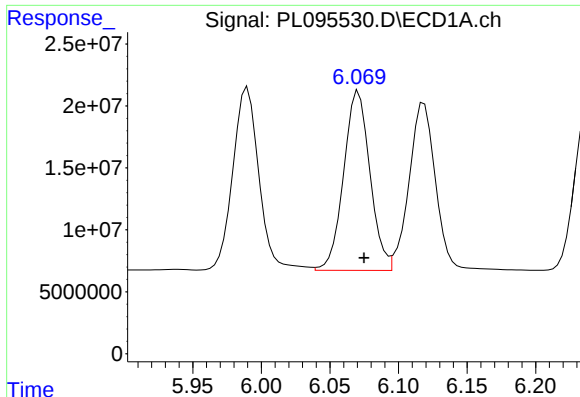
#10 gamma-Chlordane

R.T.: 5.990 min  
Delta R.T.: -0.004 min  
Response: 195898751  
Conc: 48.02 ng/ml



#10 gamma-Chlordane

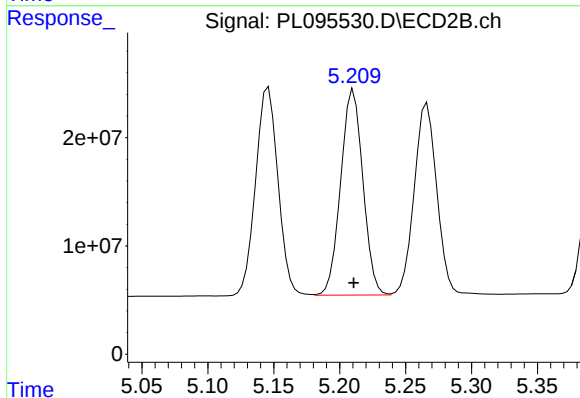
R.T.: 5.146 min  
Delta R.T.: 0.000 min  
Response: 227873977  
Conc: 56.23 ng/ml



#11 alpha-Chlordane

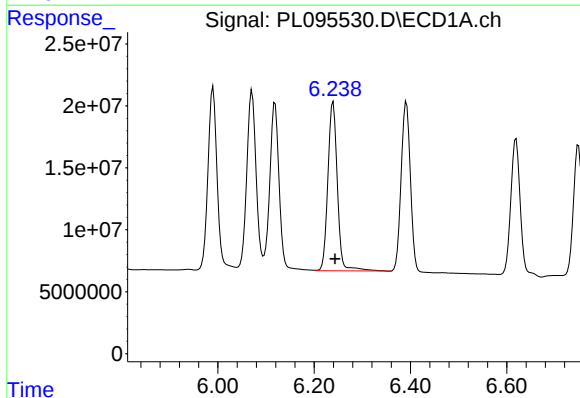
R.T.: 6.071 min  
Delta R.T.: -0.004 min  
Response: 193710998  
Conc: 47.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



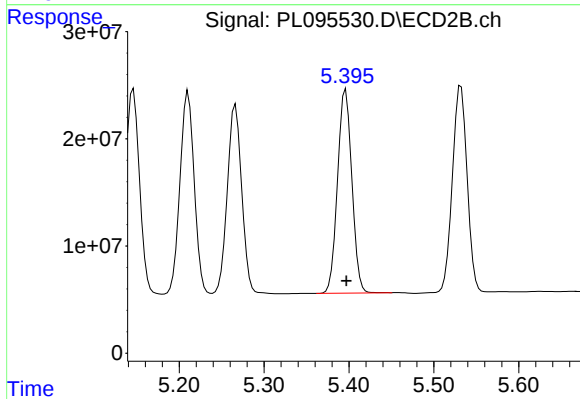
#11 alpha-Chlordane

R.T.: 5.211 min  
Delta R.T.: 0.000 min  
Response: 222394113  
Conc: 55.86 ng/ml



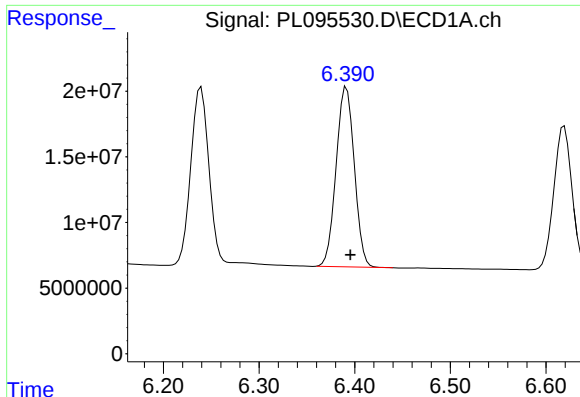
#12 4,4'-DDE

R.T.: 6.239 min  
Delta R.T.: -0.004 min  
Response: 187061781  
Conc: 47.71 ng/ml



#12 4,4'-DDE

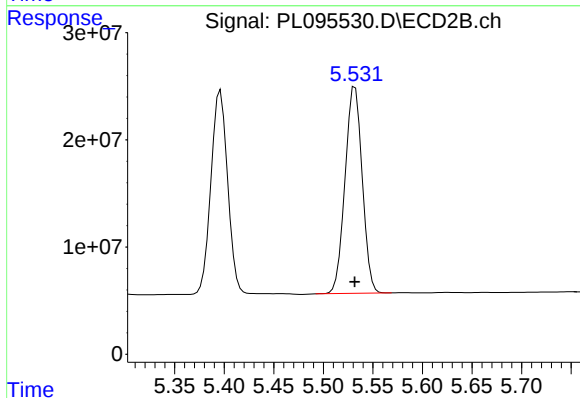
R.T.: 5.396 min  
Delta R.T.: 0.000 min  
Response: 222789853  
Conc: 54.78 ng/ml



#13 Dieldrin

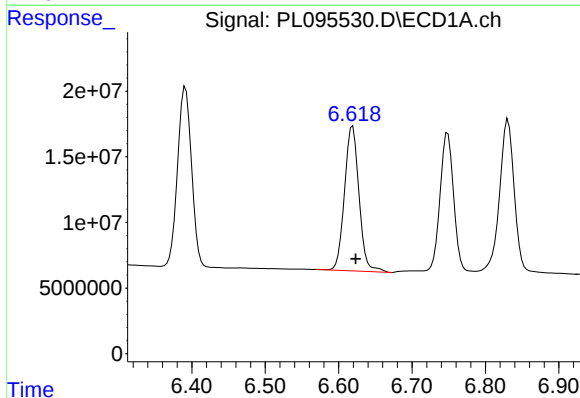
R.T.: 6.391 min  
Delta R.T.: -0.004 min  
Response: 181082966  
Conc: 46.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



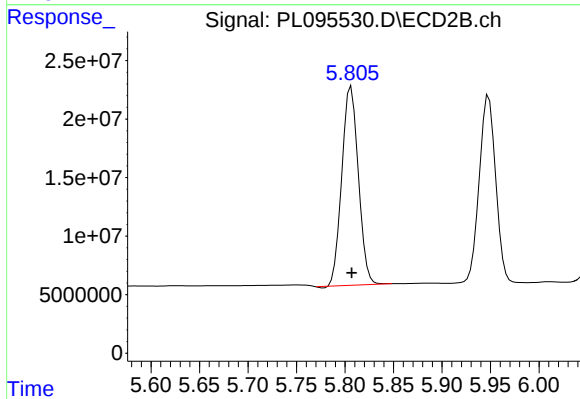
#13 Dieldrin

R.T.: 5.532 min  
Delta R.T.: 0.000 min  
Response: 232814494  
Conc: 57.24 ng/ml



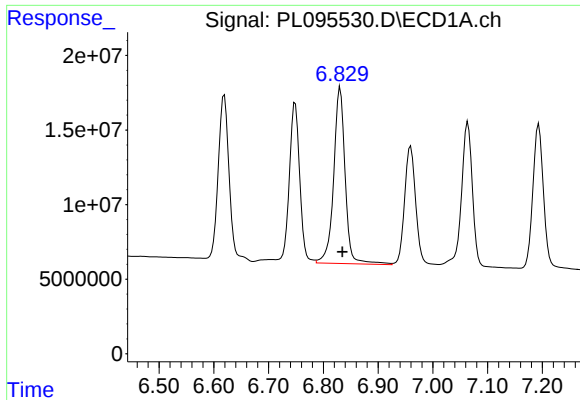
#14 Endrin

R.T.: 6.619 min  
Delta R.T.: -0.004 min  
Response: 151831115  
Conc: 47.67 ng/ml



#14 Endrin

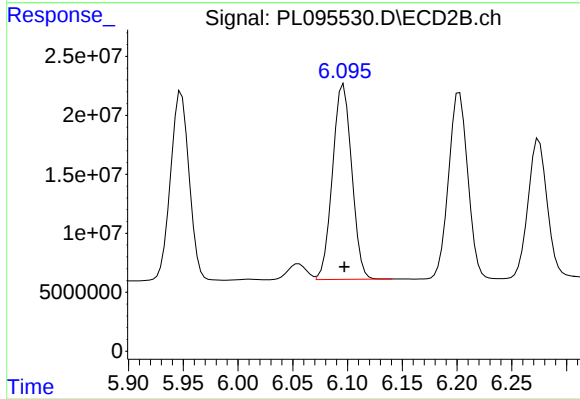
R.T.: 5.806 min  
Delta R.T.: 0.000 min  
Response: 200816364  
Conc: 55.16 ng/ml



#15 Endosulfan II

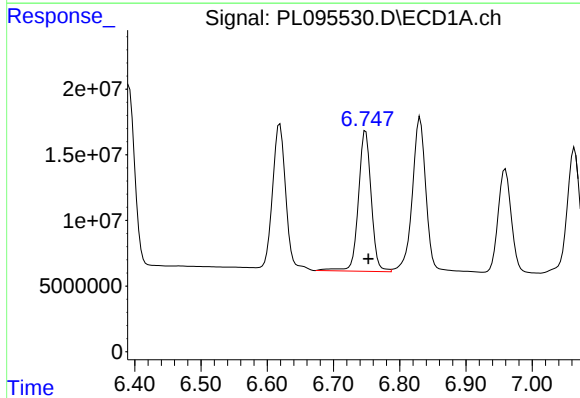
R.T.: 6.831 min  
Delta R.T.: -0.004 min  
Response: 173136197  
Conc: 54.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



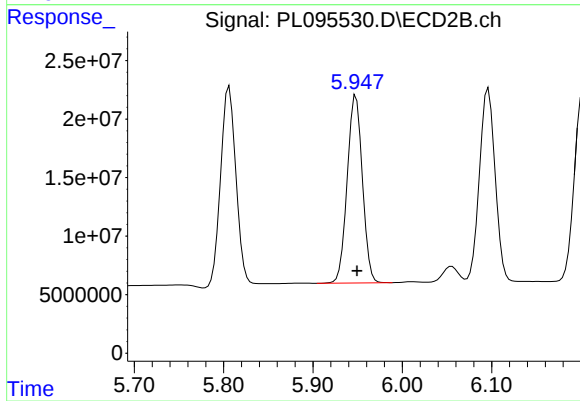
#15 Endosulfan II

R.T.: 6.096 min  
Delta R.T.: 0.000 min  
Response: 202092007  
Conc: 56.28 ng/ml



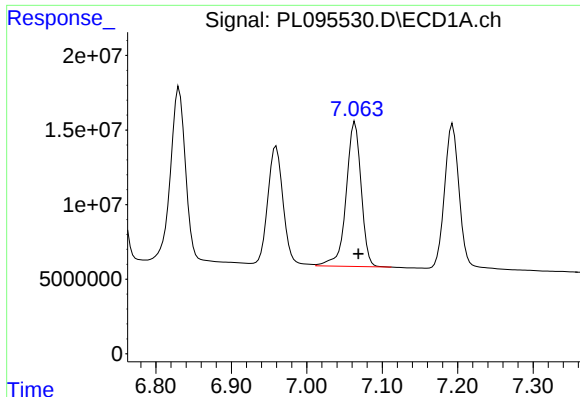
#16 4,4'-DDD

R.T.: 6.749 min  
Delta R.T.: -0.004 min  
Response: 144089628  
Conc: 50.90 ng/ml



#16 4,4'-DDD

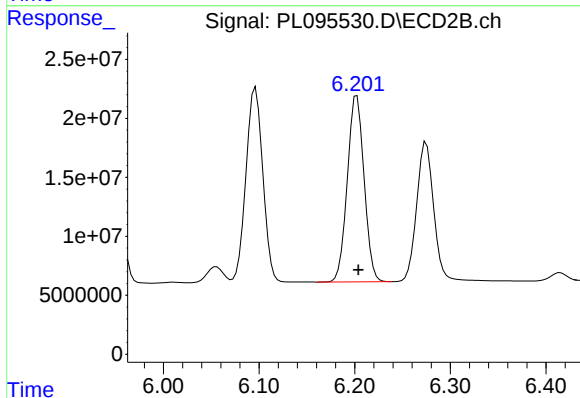
R.T.: 5.948 min  
Delta R.T.: -0.001 min  
Response: 189401761  
Conc: 57.98 ng/ml



#17 4,4'-DDT

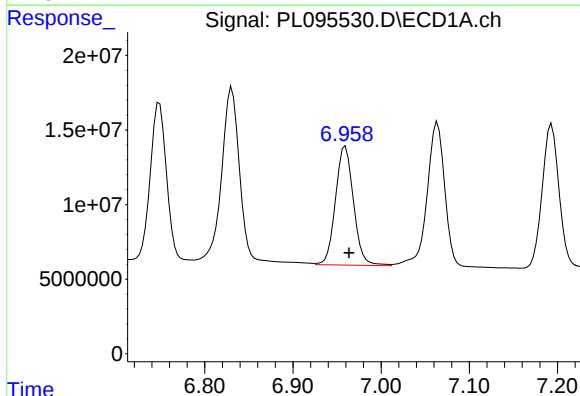
R.T.: 7.064 min  
Delta R.T.: -0.005 min  
Response: 133368521  
Conc: 46.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



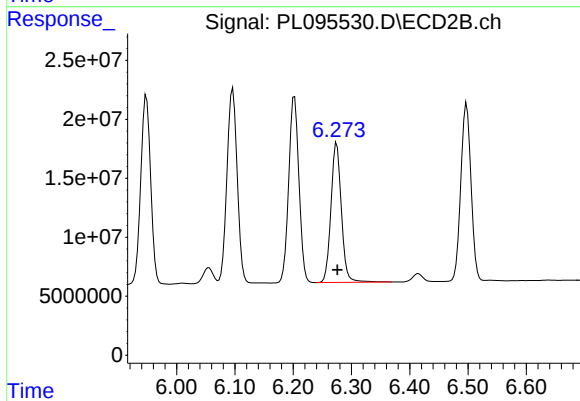
#17 4,4'-DDT

R.T.: 6.202 min  
Delta R.T.: -0.001 min  
Response: 193221103  
Conc: 56.23 ng/ml



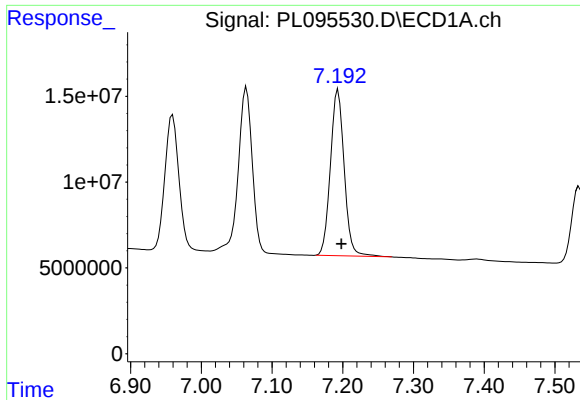
#18 Endrin aldehyde

R.T.: 6.960 min  
Delta R.T.: -0.004 min  
Response: 113372571  
Conc: 48.85 ng/ml



#18 Endrin aldehyde

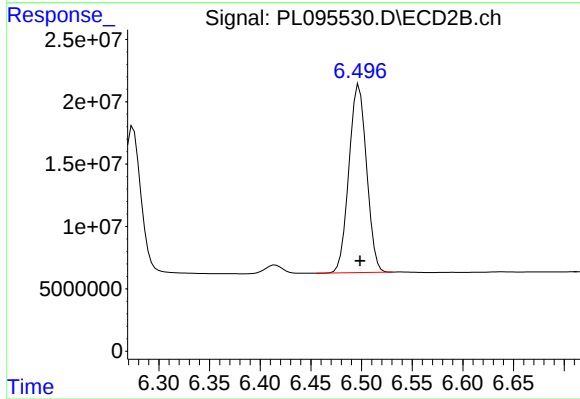
R.T.: 6.275 min  
Delta R.T.: 0.000 min  
Response: 146594822  
Conc: 56.10 ng/ml



#19 Endosulfan Sulfate

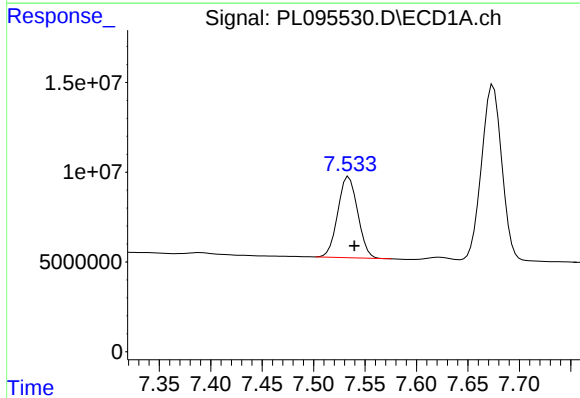
R.T.: 7.193 min  
Delta R.T.: -0.005 min  
Response: 130811428  
Conc: 46.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



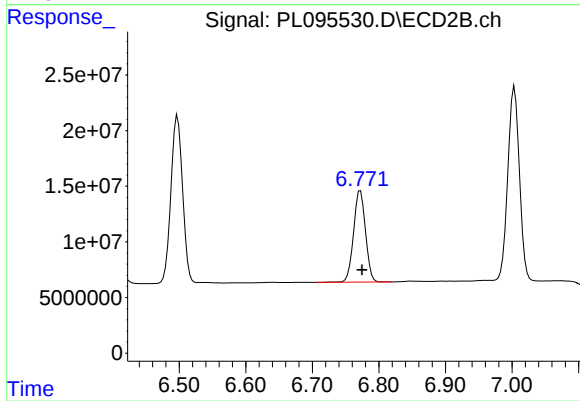
#19 Endosulfan Sulfate

R.T.: 6.498 min  
Delta R.T.: 0.000 min  
Response: 182329631  
Conc: 54.95 ng/ml



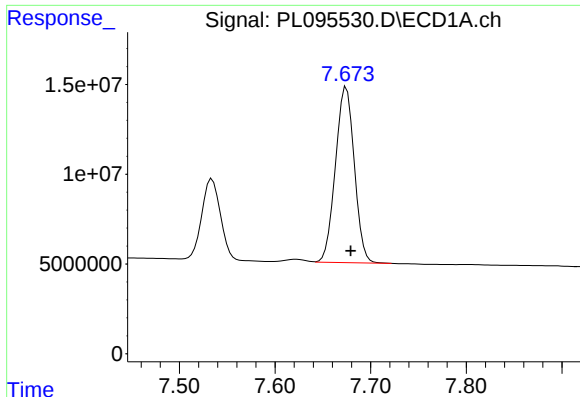
#20 Methoxychlor

R.T.: 7.534 min  
Delta R.T.: -0.005 min  
Response: 60523196  
Conc: 43.38 ng/ml



#20 Methoxychlor

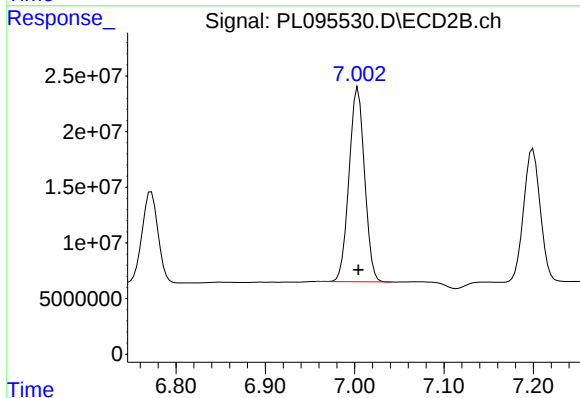
R.T.: 6.772 min  
Delta R.T.: -0.003 min  
Response: 102205968  
Conc: 53.58 ng/ml



#21 Endrin ketone

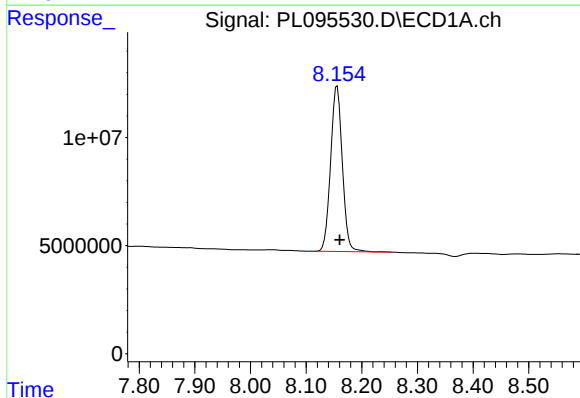
R.T.: 7.675 min  
Delta R.T.: -0.005 min  
Response: 134333902  
Conc: 47.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



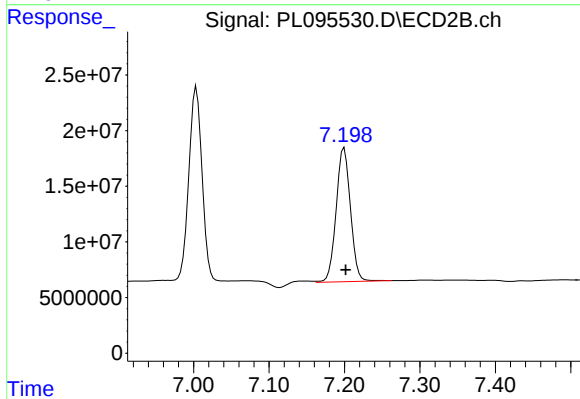
#21 Endrin ketone

R.T.: 7.004 min  
Delta R.T.: 0.000 min  
Response: 210726320  
Conc: 59.84 ng/ml



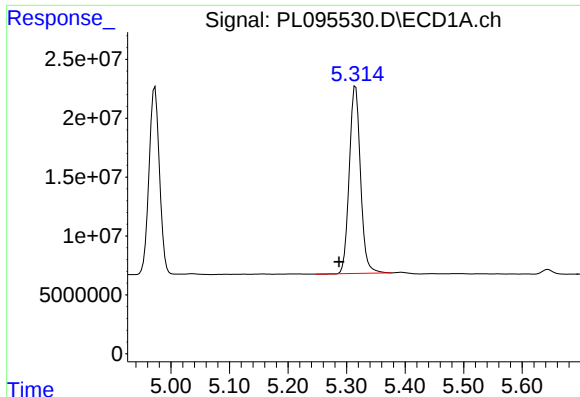
#22 Mirex

R.T.: 8.156 min  
Delta R.T.: -0.005 min  
Response: 111853445  
Conc: 47.08 ng/ml



#22 Mirex

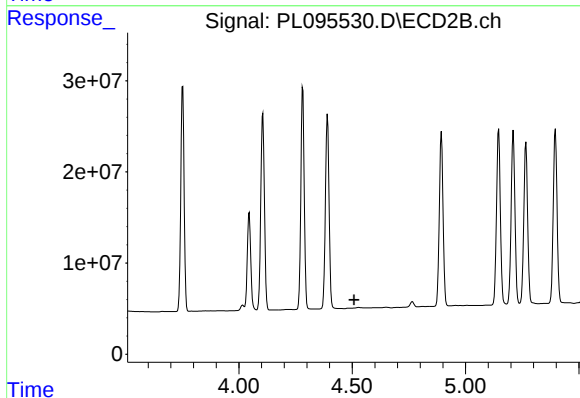
R.T.: 7.200 min  
Delta R.T.: -0.002 min  
Response: 158663826  
Conc: 55.05 ng/ml



#24 Chlordane-2

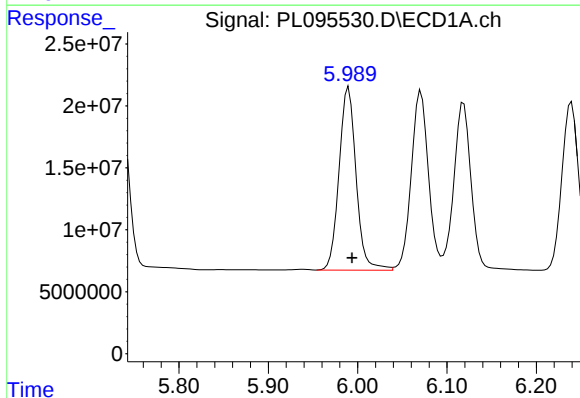
R.T.: 5.315 min  
Delta R.T.: 0.028 min  
Response: 211901465  
Conc: 1000.88 ng/m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



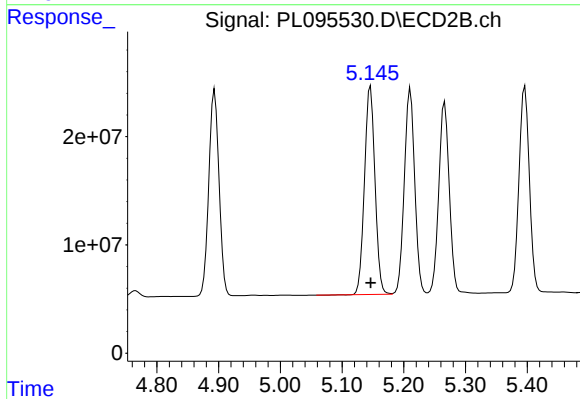
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.508 min  
Response: 0  
Conc: N.D.



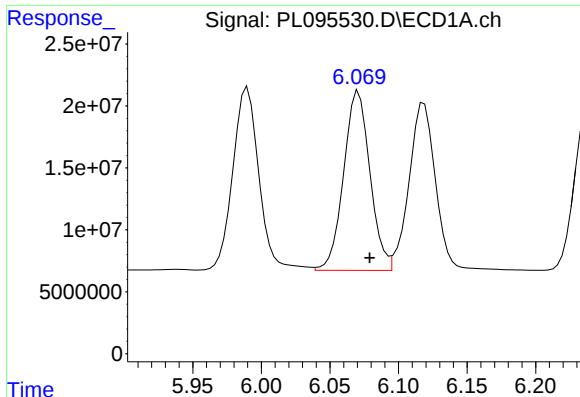
#25 Chlordane-3

R.T.: 5.990 min  
Delta R.T.: -0.004 min  
Response: 195898751  
Conc: 251.50 ng/ml



#25 Chlordane-3

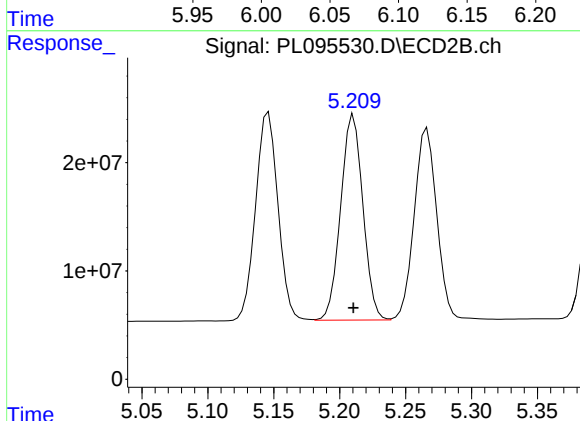
R.T.: 5.146 min  
Delta R.T.: 0.000 min  
Response: 227873977  
Conc: 441.08 ng/ml



#26 Chlordane-4

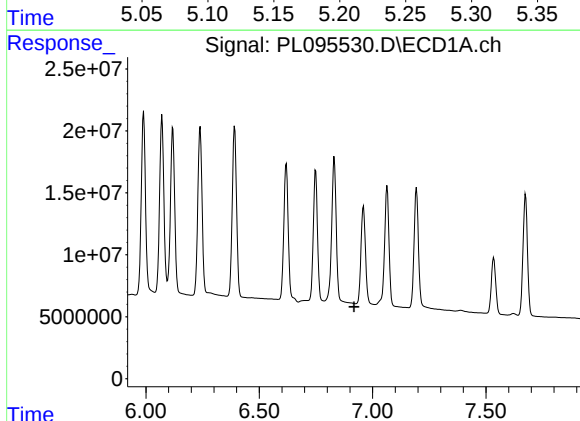
R.T.: 6.071 min  
Delta R.T.: -0.008 min  
Response: 193710998  
Conc: 205.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



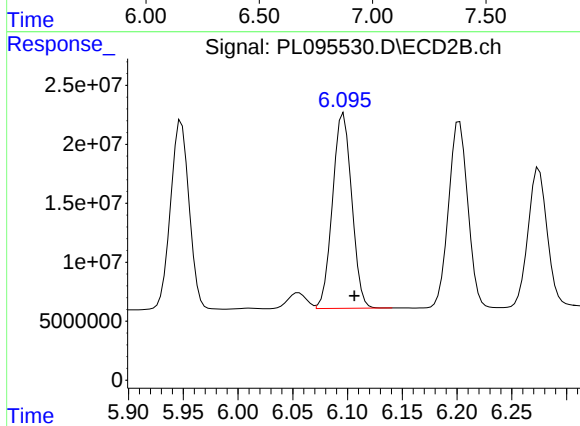
#26 Chlordane-4

R.T.: 5.211 min  
Delta R.T.: 0.000 min  
Response: 222394113  
Conc: 511.71 ng/ml



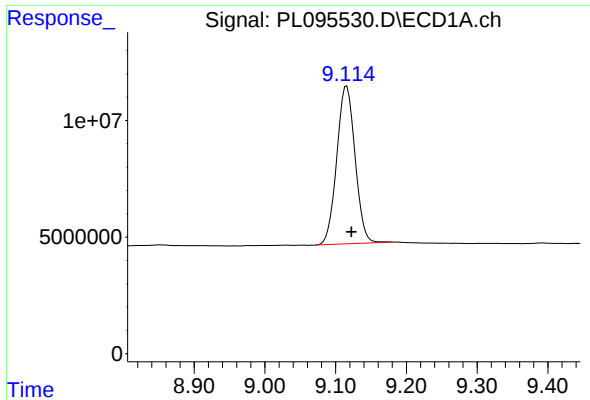
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.919 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

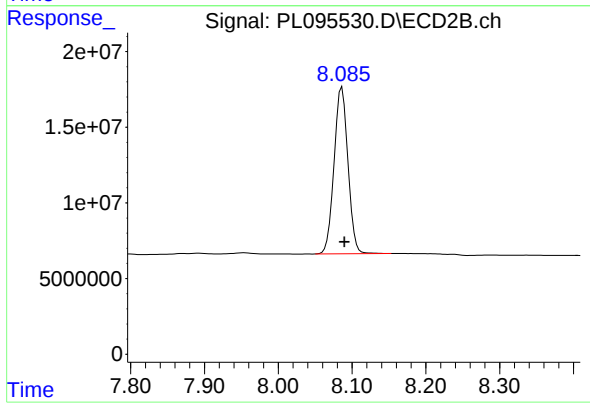
R.T.: 6.096 min  
Delta R.T.: -0.010 min  
Response: 202092007  
Conc: 1093.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.116 min  
Delta R.T.: -0.007 min  
Response: 121657534  
Conc: 43.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 8.086 min  
Delta R.T.: -0.003 min  
Response: 144107963  
Conc: 48.70 ng/ml