

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060325\  
 Data File : PL095907.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jun 2025 19:18  
 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: Jun 04 03:40:27 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052125.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 22 06:29:30 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... | 3.572  | 2.885 | 173.4E6  | 223.8E6 | 54.959   | 57.174     |
| 2)                          | SA Decachlor... | 9.097  | 8.059 | 115.5E6  | 225.8E6 | 49.017   | 51.624     |
| Target Compounds            |                 |        |       |          |         |          |            |
| 2)                          | A alpha-BHC     | 4.024  | 3.395 | 268.4E6  | 346.5E6 | 55.359   | 59.153     |
| 3)                          | MA gamma-BHC... | 4.355  | 3.729 | 246.9E6  | 325.9E6 | 55.212   | 58.186     |
| 4)                          | MA Heptachlor   | 4.953  | 4.081 | 203.4E6  | 314.5E6 | 53.750   | 56.077     |
| 5)                          | MB Aldrin       | 5.295  | 4.365 | 234.0E6  | 316.5E6 | 54.702   | 59.634     |
| 6)                          | B beta-BHC      | 4.542  | 4.024 | 106.9E6  | 142.1E6 | 54.215   | 57.341     |
| 7)                          | B delta-BHC     | 4.791  | 4.259 | 242.7E6  | 328.8E6 | 54.747   | 58.214     |
| 8)                          | B Heptachlo...  | 5.716  | 4.867 | 206.6E6  | 283.8E6 | 54.137   | 57.475     |
| 9)                          | A Endosulfan I  | 6.099  | 5.239 | 194.9E6  | 252.1E6 | 53.177   | 52.913     |
| 10)                         | B gamma-Chl...  | 5.970  | 5.120 | 217.8E6  | 304.2E6 | 55.960   | 57.912     |
| 11)                         | B alpha-Chl...  | 6.051  | 5.184 | 209.3E6  | 300.0E6 | 53.020   | 57.655     |
| 12)                         | B 4,4'-DDE      | 6.221  | 5.371 | 187.8E6  | 325.9E6 | 51.204   | 60.779     |
| 13)                         | MA Dieldrin     | 6.371  | 5.504 | 206.1E6  | 303.6E6 | 53.396   | 57.290     |
| 14)                         | MA Endrin       | 6.599  | 5.779 | 156.5E6  | 269.8E6 | 48.513   | 55.329     |
| 15)                         | B Endosulfa...  | 6.812  | 6.070 | 165.2E6  | 267.7E6 | 47.935   | 56.331     |
| 16)                         | A 4,4'-DDD      | 6.731  | 5.923 | 158.8E6  | 255.4E6 | 54.172   | 58.238     |
| 17)                         | MA 4,4'-DDT     | 7.046  | 6.176 | 129.2E6  | 233.8E6 | 47.762   | 48.892     |
| 18)                         | B Endrin al...  | 6.940  | 6.247 | 125.8E6  | 189.9E6 | 52.045   | 54.982     |
| 19)                         | B Endosulfa...  | 7.175  | 6.471 | 153.3E6  | 245.9E6 | 51.324   | 54.714     |
| 20)                         | A Methoxychlor  | 7.519  | 6.746 | 61704179 | 123.4E6 | 48.383   | 47.167     |
| 21)                         | B Endrin ke...  | 7.655  | 6.976 | 167.9E6  | 284.8E6 | 53.029   | 55.048     |
| 22)                         | Mirex           | 8.136  | 7.170 | 119.5E6  | 213.2E6 | 51.655   | 52.508     |
| 24)                         | Chlordane-2     | 5.295f | 4.477 | 234.0E6  | 6723148 | 1217.664 | 30.182 #   |
| 25)                         | Chlordane-3     | 5.970  | 5.120 | 217.8E6  | 304.2E6 | 294.711  | 461.669 #  |
| 26)                         | Chlordane-4     | 6.051  | 5.184 | 209.3E6  | 300.0E6 | 232.905  | 525.419 #  |
| 27)                         | Chlordane-5     | 0.000  | 6.070 | 0        | 267.7E6 | N.D.     | 1049.961 # |
| -----                       |                 |        |       |          |         |          |            |

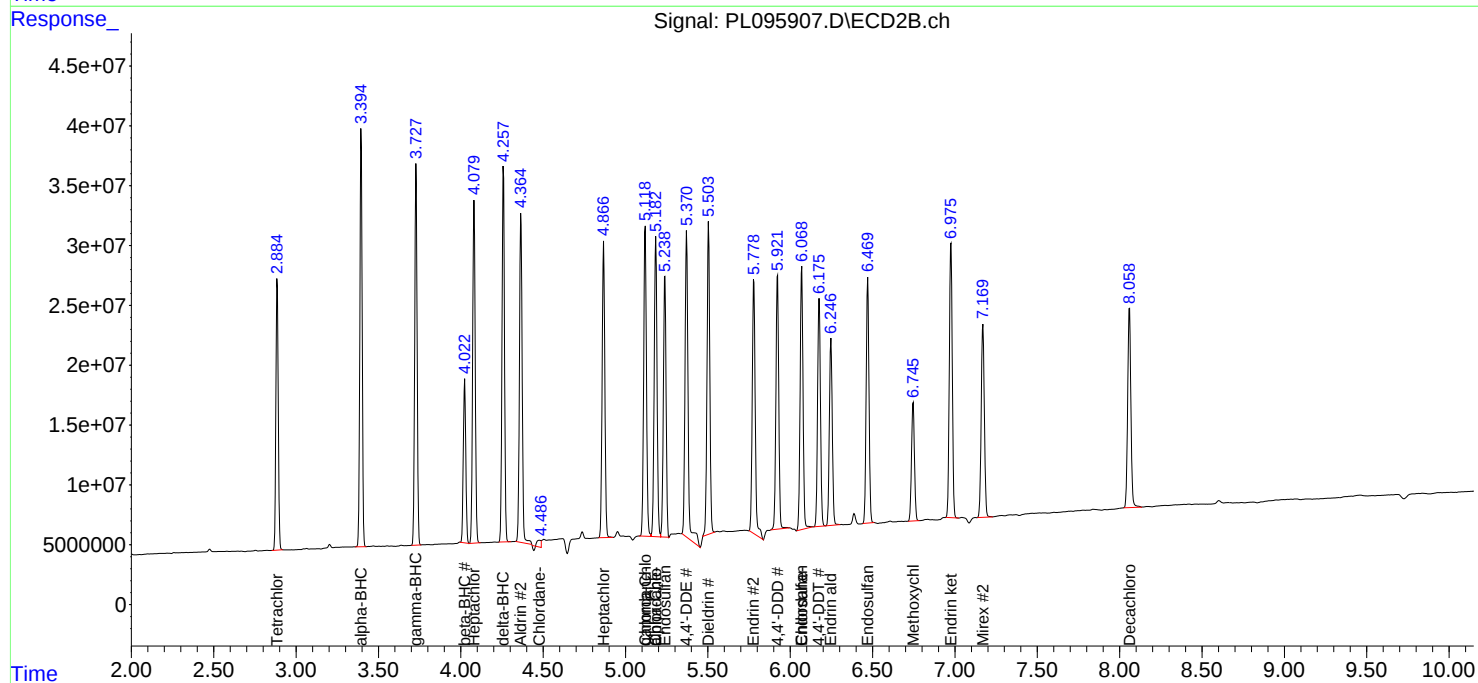
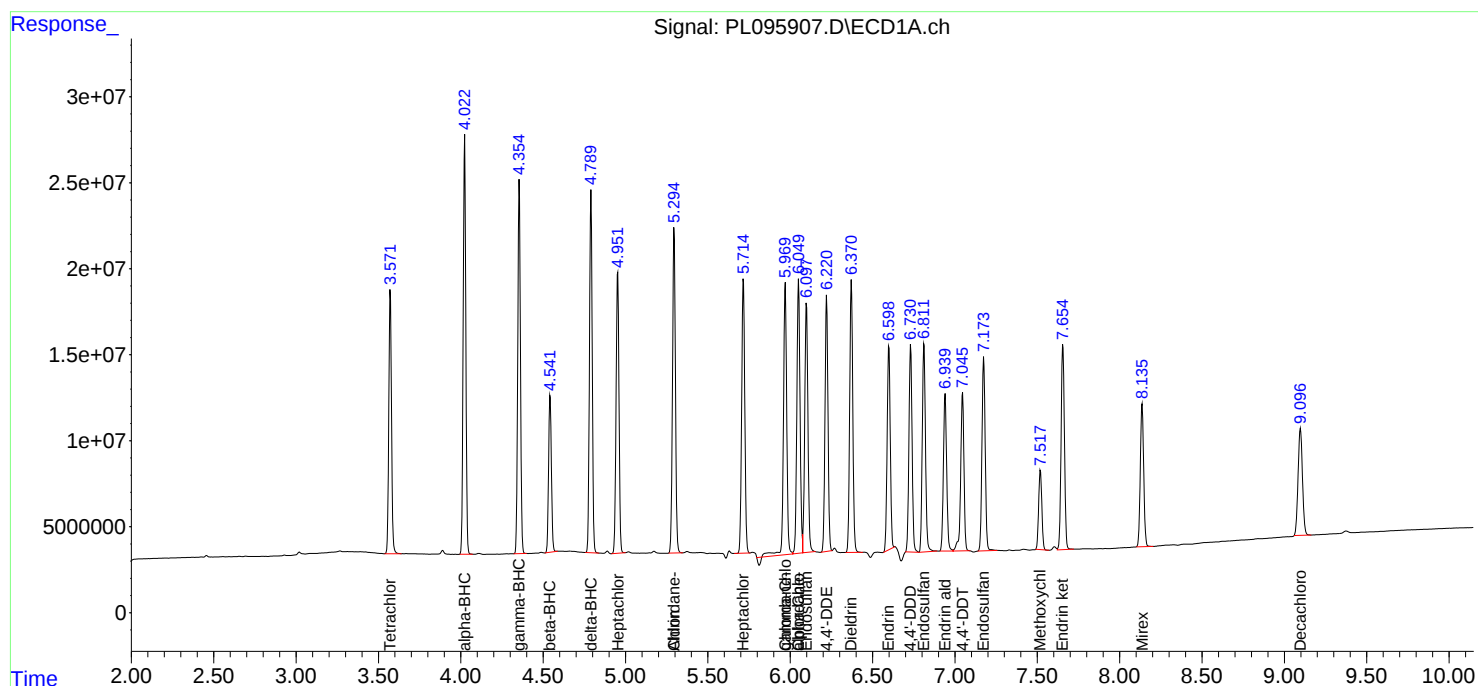
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

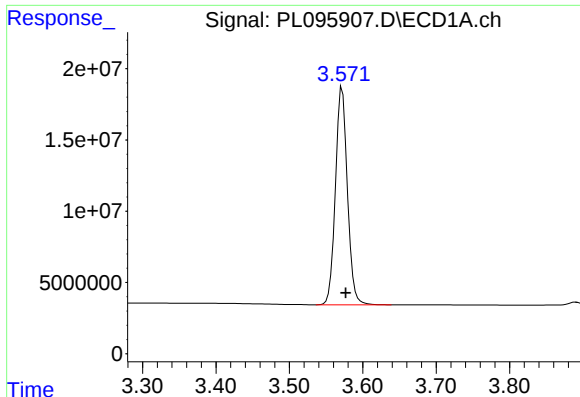
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060325\  
Data File : PL095907.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jun 2025 19:18  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 04 03:40:27 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052125.M  
Quant Title : GC Extractables  
QLast Update : Thu May 22 06:29:30 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

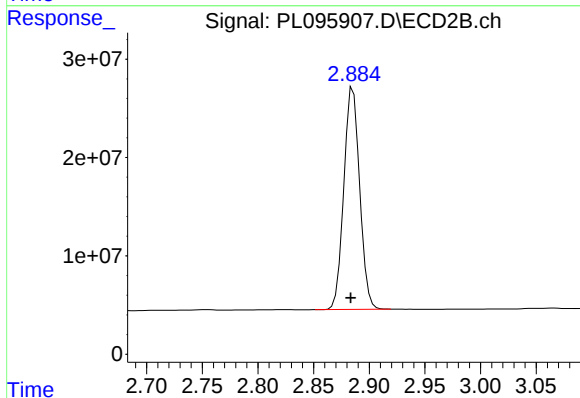




#1 Tetrachloro-m-xylene

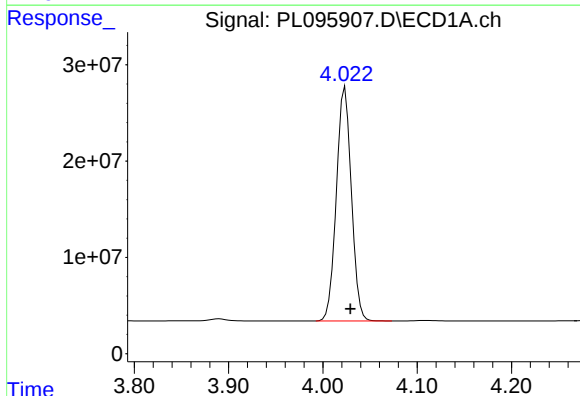
R.T.: 3.572 min  
Delta R.T.: -0.005 min  
Response: 173409721  
Conc: 54.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



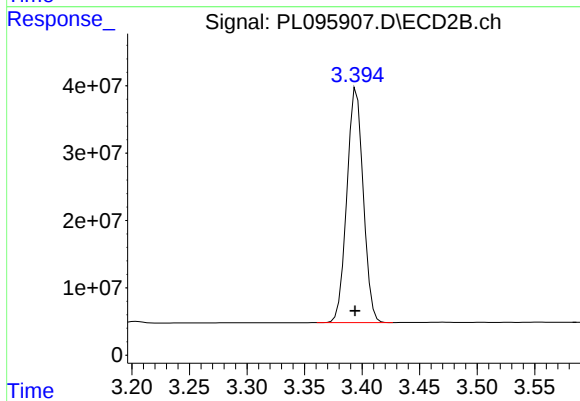
#1 Tetrachloro-m-xylene

R.T.: 2.885 min  
Delta R.T.: 0.002 min  
Response: 223777034  
Conc: 57.17 ng/ml



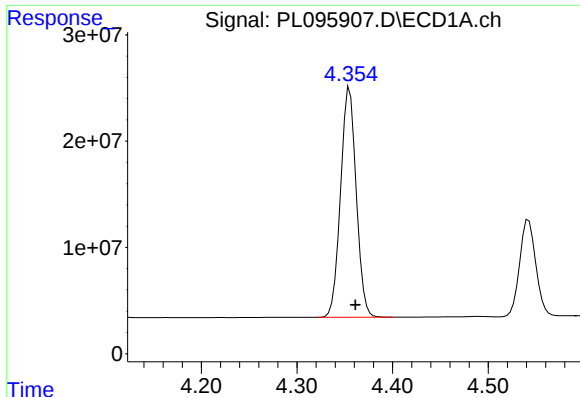
#2 alpha-BHC

R.T.: 4.024 min  
Delta R.T.: -0.006 min  
Response: 268377006  
Conc: 55.36 ng/ml



#2 alpha-BHC

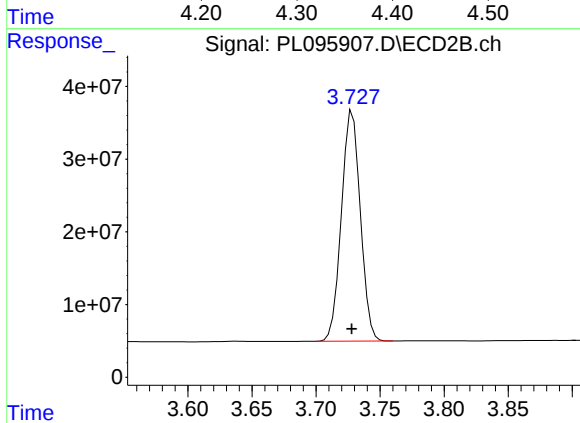
R.T.: 3.395 min  
Delta R.T.: 0.001 min  
Response: 346478637  
Conc: 59.15 ng/ml



#3 gamma-BHC (Lindane)

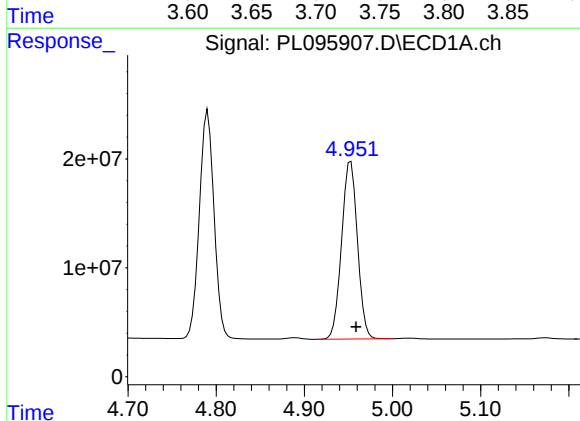
R.T.: 4.355 min  
Delta R.T.: -0.006 min  
Response: 246901099  
Conc: 55.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



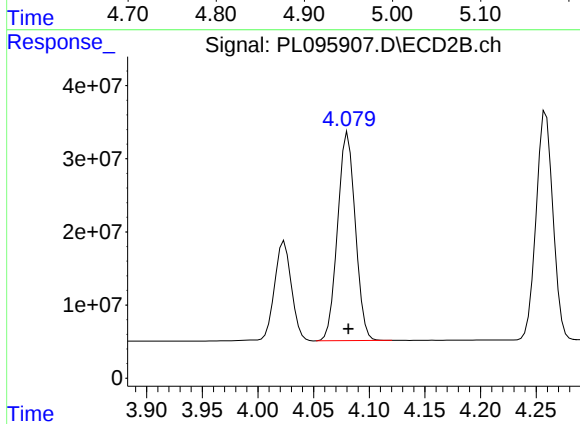
#3 gamma-BHC (Lindane)

R.T.: 3.729 min  
Delta R.T.: 0.000 min  
Response: 325912950  
Conc: 58.19 ng/ml



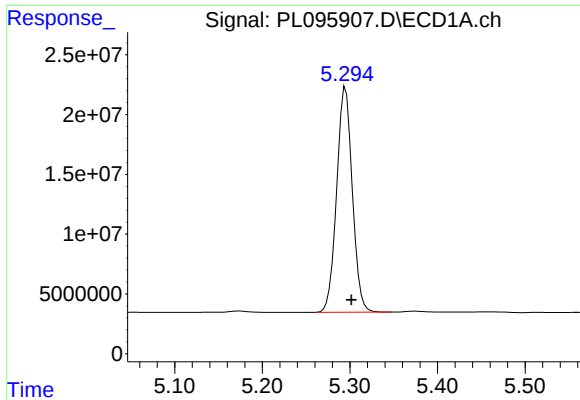
#4 Heptachlor

R.T.: 4.953 min  
Delta R.T.: -0.006 min  
Response: 203445224  
Conc: 53.75 ng/ml



#4 Heptachlor

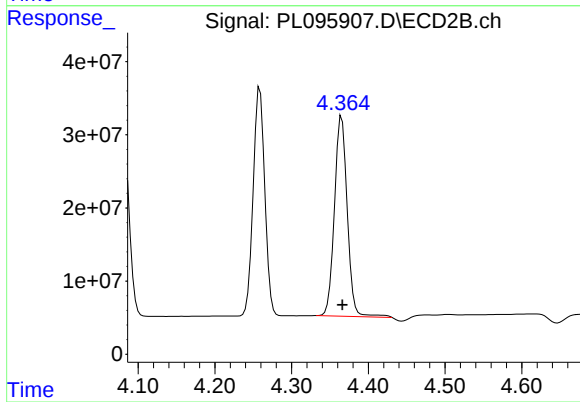
R.T.: 4.081 min  
Delta R.T.: 0.000 min  
Response: 314541877  
Conc: 56.08 ng/ml



#5 Aldrin

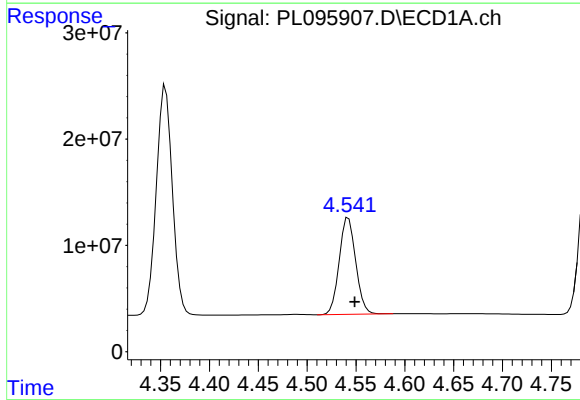
R.T.: 5.295 min  
Delta R.T.: -0.007 min  
Response: 234001361  
Conc: 54.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



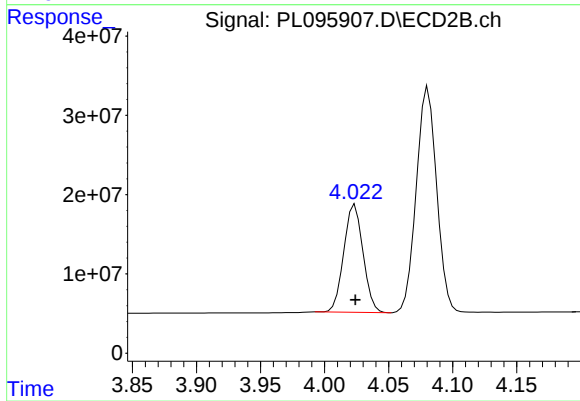
#5 Aldrin

R.T.: 4.365 min  
Delta R.T.: 0.000 min  
Response: 316482439  
Conc: 59.63 ng/ml



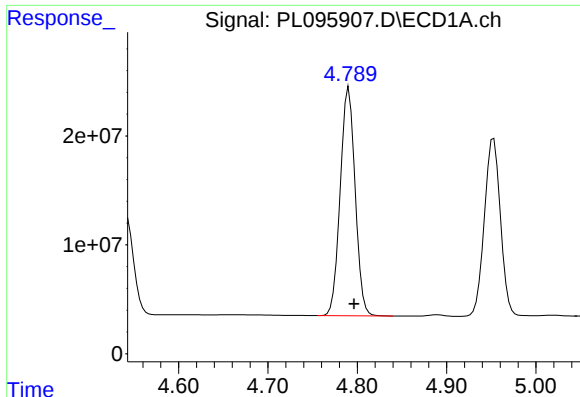
#6 beta-BHC

R.T.: 4.542 min  
Delta R.T.: -0.006 min  
Response: 106876680  
Conc: 54.21 ng/ml



#6 beta-BHC

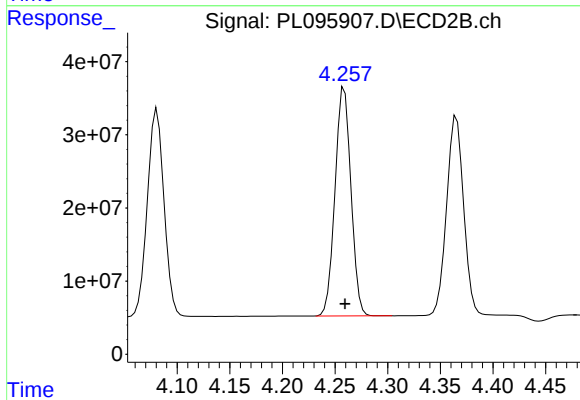
R.T.: 4.024 min  
Delta R.T.: 0.000 min  
Response: 142065216  
Conc: 57.34 ng/ml



#7 delta-BHC

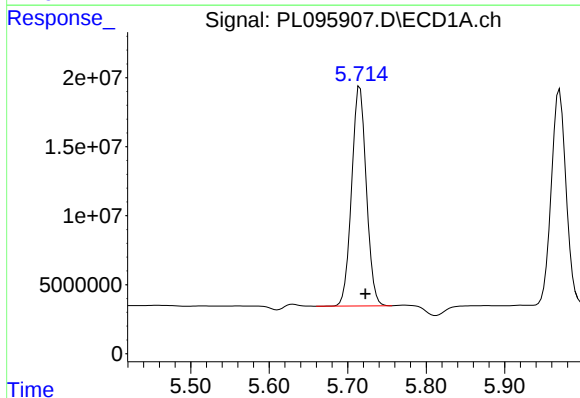
R.T.: 4.791 min  
Delta R.T.: -0.006 min  
Response: 242725780  
Conc: 54.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



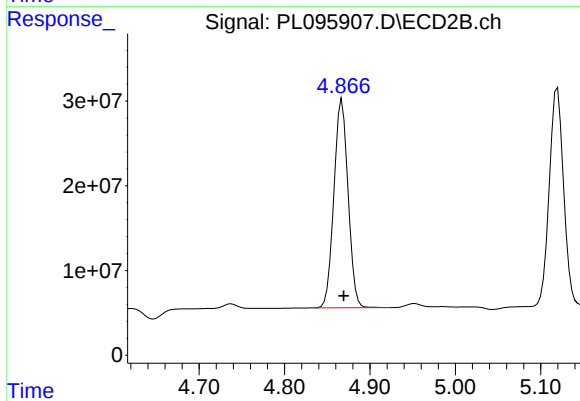
#7 delta-BHC

R.T.: 4.259 min  
Delta R.T.: 0.000 min  
Response: 328756758  
Conc: 58.21 ng/ml



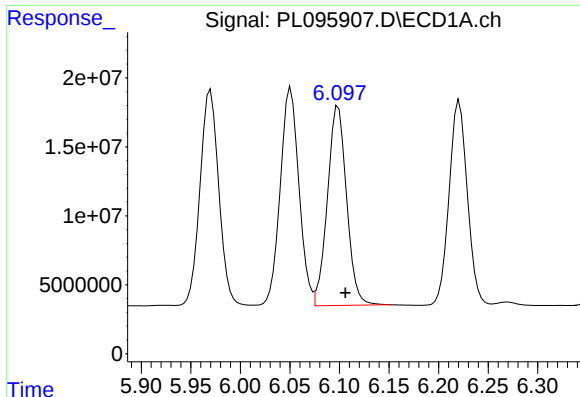
#8 Heptachlor epoxide

R.T.: 5.716 min  
Delta R.T.: -0.007 min  
Response: 206634463  
Conc: 54.14 ng/ml



#8 Heptachlor epoxide

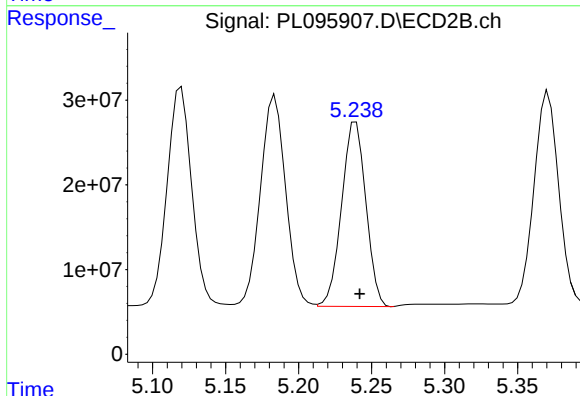
R.T.: 4.867 min  
Delta R.T.: -0.002 min  
Response: 283780635  
Conc: 57.48 ng/ml



#9 Endosulfan I

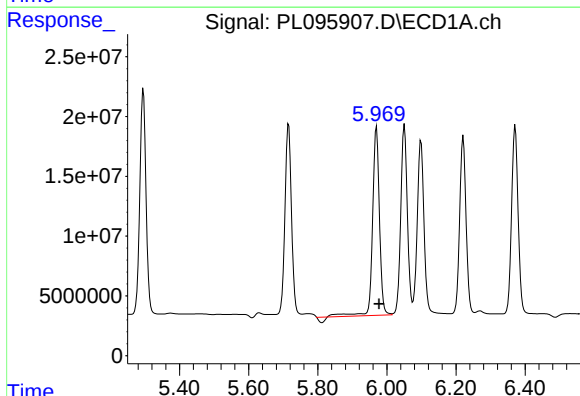
R.T.: 6.099 min  
Delta R.T.: -0.007 min  
Response: 194884768  
Conc: 53.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



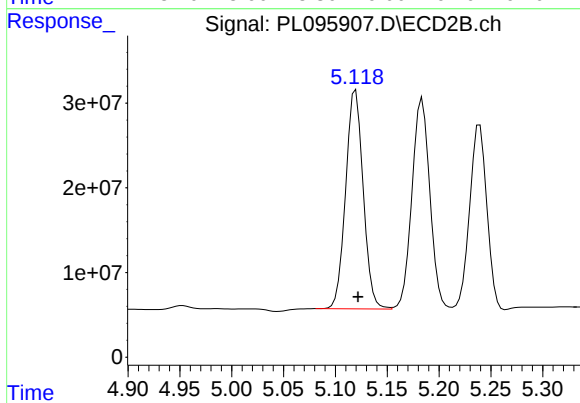
#9 Endosulfan I

R.T.: 5.239 min  
Delta R.T.: -0.003 min  
Response: 252131302  
Conc: 52.91 ng/ml



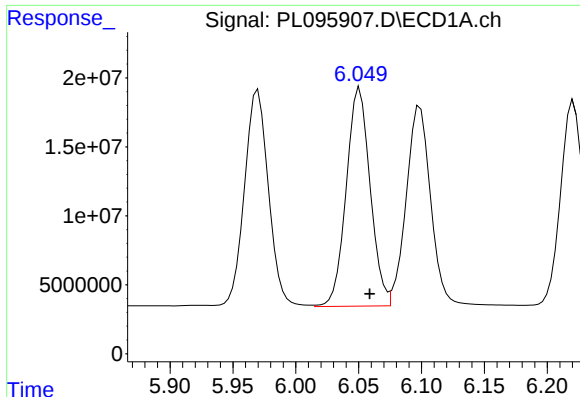
#10 gamma-Chlordane

R.T.: 5.970 min  
Delta R.T.: -0.007 min  
Response: 217799709  
Conc: 55.96 ng/ml



#10 gamma-Chlordane

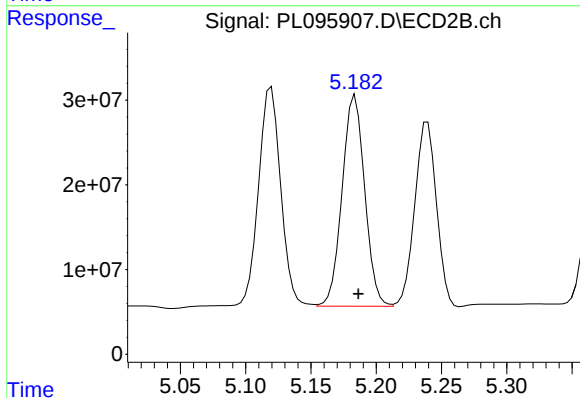
R.T.: 5.120 min  
Delta R.T.: -0.002 min  
Response: 304195346  
Conc: 57.91 ng/ml



#11 alpha-Chlordane

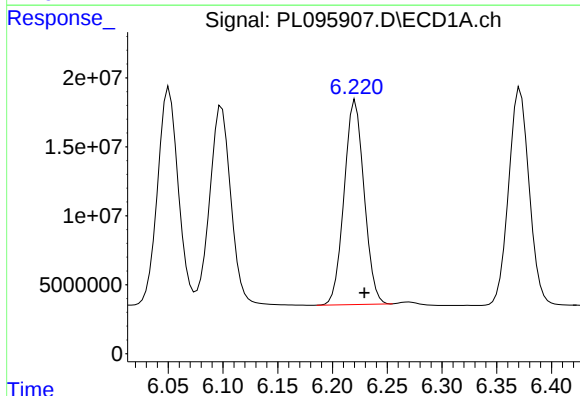
R.T.: 6.051 min  
Delta R.T.: -0.008 min  
Response: 209332135  
Conc: 53.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



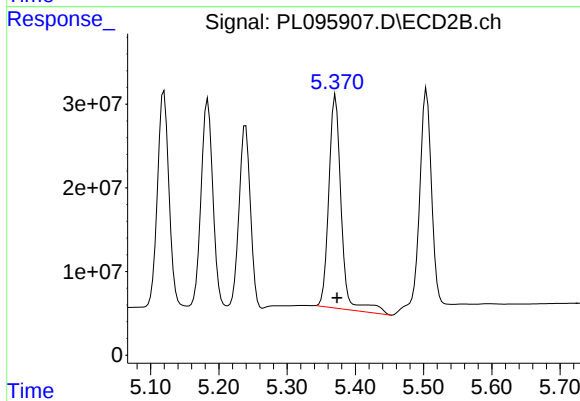
#11 alpha-Chlordane

R.T.: 5.184 min  
Delta R.T.: -0.003 min  
Response: 299966129  
Conc: 57.66 ng/ml



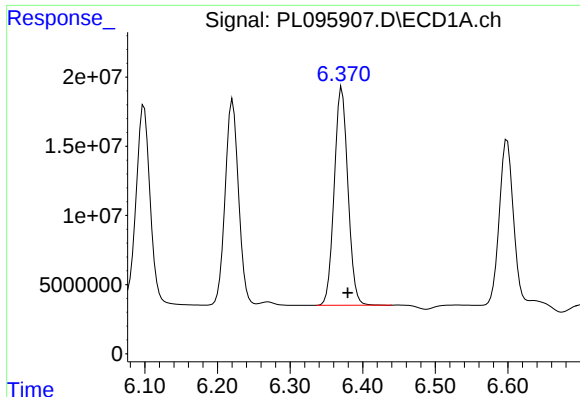
#12 4,4'-DDE

R.T.: 6.221 min  
Delta R.T.: -0.008 min  
Response: 187811169  
Conc: 51.20 ng/ml



#12 4,4'-DDE

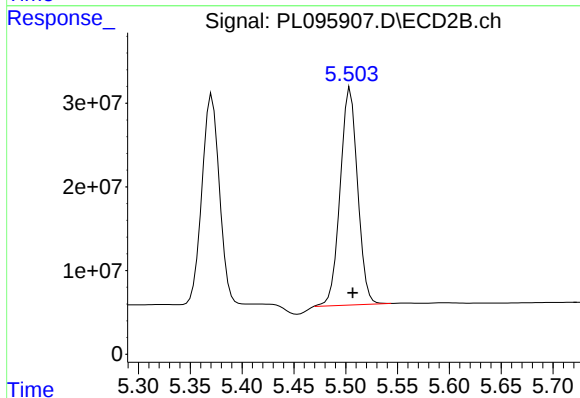
R.T.: 5.371 min  
Delta R.T.: -0.002 min  
Response: 325905161  
Conc: 60.78 ng/ml



#13 Dieldrin

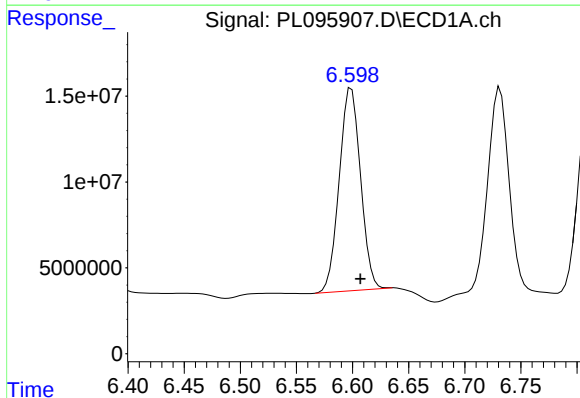
R.T.: 6.371 min  
Delta R.T.: -0.008 min  
Response: 206066013  
Conc: 53.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



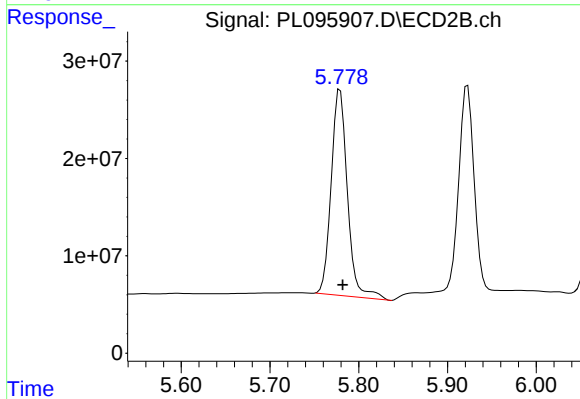
#13 Dieldrin

R.T.: 5.504 min  
Delta R.T.: -0.002 min  
Response: 303641190  
Conc: 57.29 ng/ml



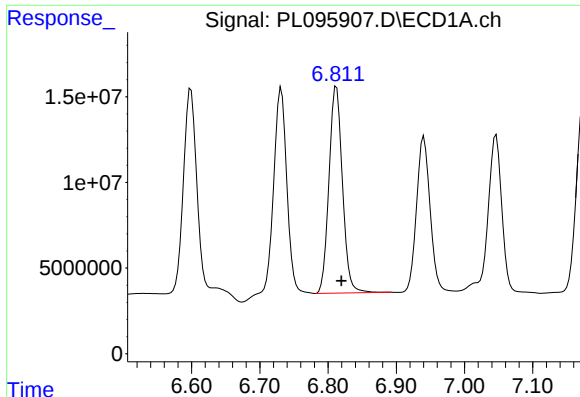
#14 Endrin

R.T.: 6.599 min  
Delta R.T.: -0.008 min  
Response: 156539604  
Conc: 48.51 ng/ml



#14 Endrin

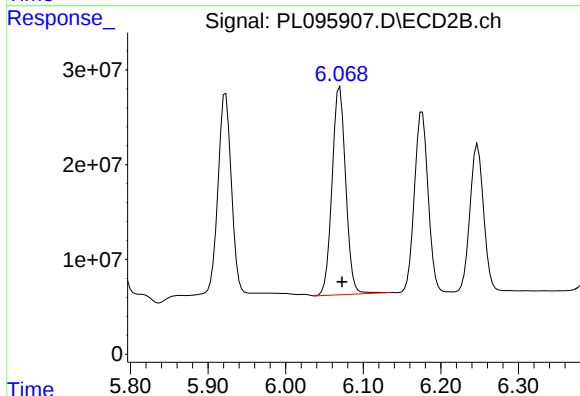
R.T.: 5.779 min  
Delta R.T.: -0.003 min  
Response: 269790238  
Conc: 55.33 ng/ml



#15 Endosulfan II

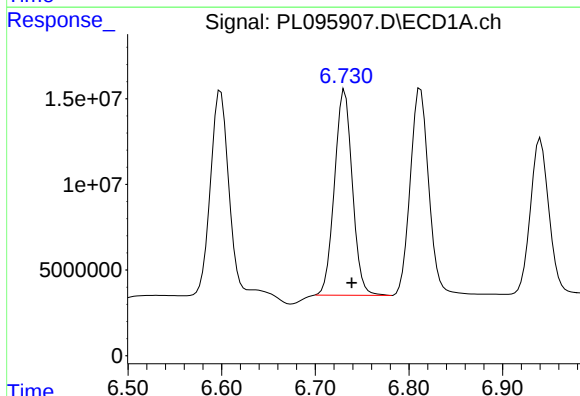
R.T.: 6.812 min  
Delta R.T.: -0.008 min  
Response: 165186294  
Conc: 47.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



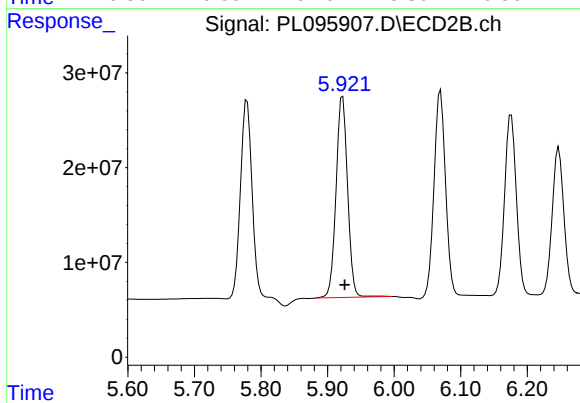
#15 Endosulfan II

R.T.: 6.070 min  
Delta R.T.: -0.003 min  
Response: 267670514  
Conc: 56.33 ng/ml



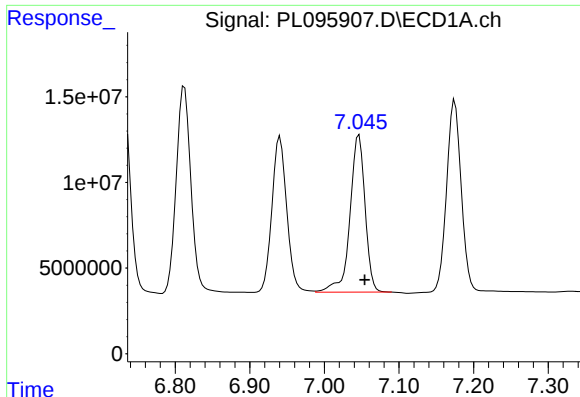
#16 4,4'-DDD

R.T.: 6.731 min  
Delta R.T.: -0.007 min  
Response: 158756044  
Conc: 54.17 ng/ml



#16 4,4'-DDD

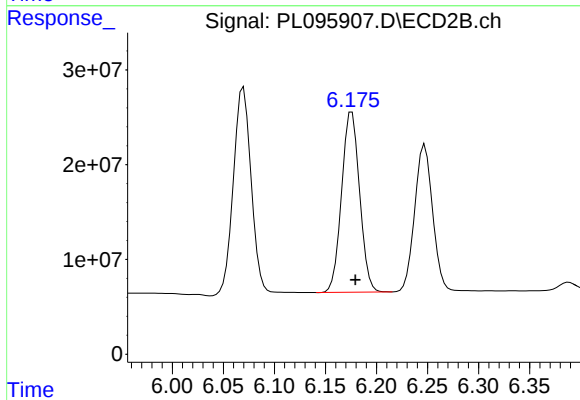
R.T.: 5.923 min  
Delta R.T.: -0.003 min  
Response: 255369960  
Conc: 58.24 ng/ml



#17 4,4'-DDT

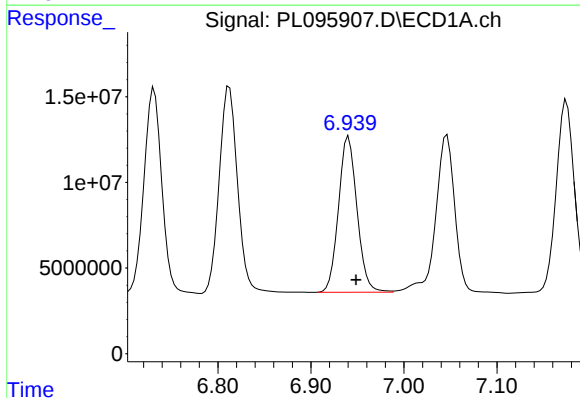
R.T.: 7.046 min  
Delta R.T.: -0.008 min  
Response: 129203568  
Conc: 47.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



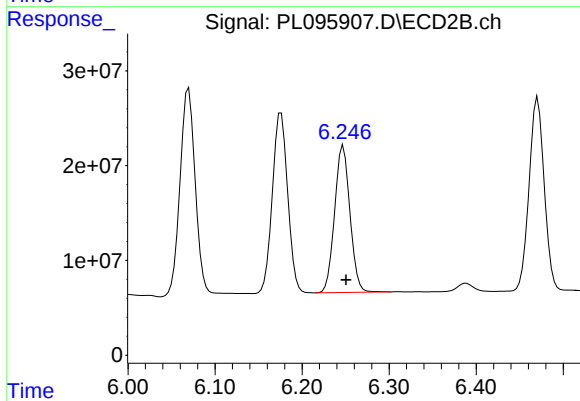
#17 4,4'-DDT

R.T.: 6.176 min  
Delta R.T.: -0.003 min  
Response: 233831269  
Conc: 48.89 ng/ml



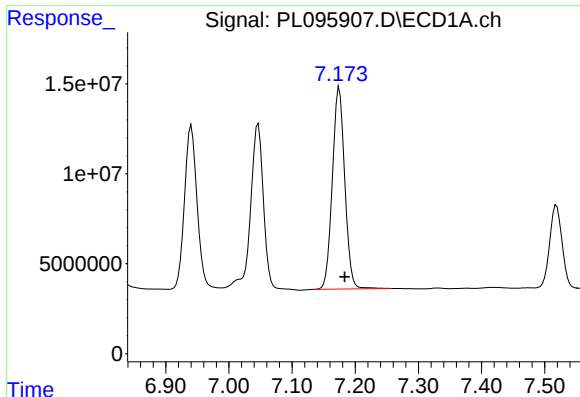
#18 Endrin aldehyde

R.T.: 6.940 min  
Delta R.T.: -0.008 min  
Response: 125825809  
Conc: 52.05 ng/ml



#18 Endrin aldehyde

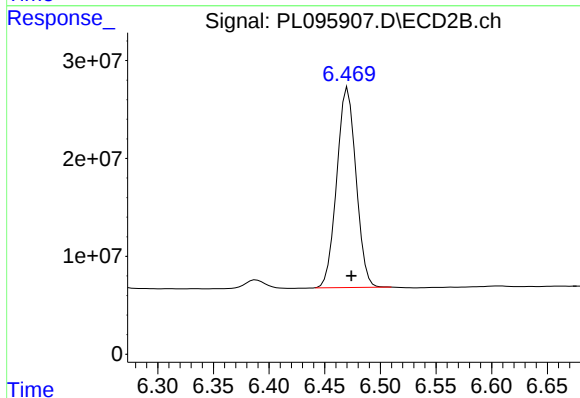
R.T.: 6.247 min  
Delta R.T.: -0.003 min  
Response: 189923319  
Conc: 54.98 ng/ml



#19 Endosulfan Sulfate

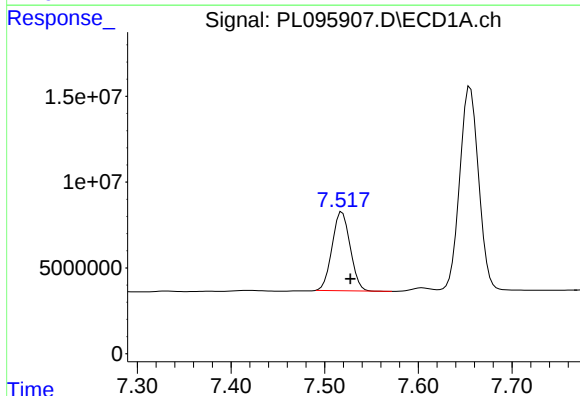
R.T.: 7.175 min  
Delta R.T.: -0.009 min  
Response: 153302133  
Conc: 51.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



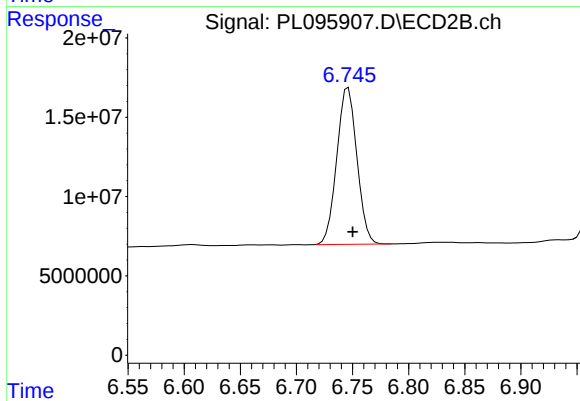
#19 Endosulfan Sulfate

R.T.: 6.471 min  
Delta R.T.: -0.003 min  
Response: 245927568  
Conc: 54.71 ng/ml



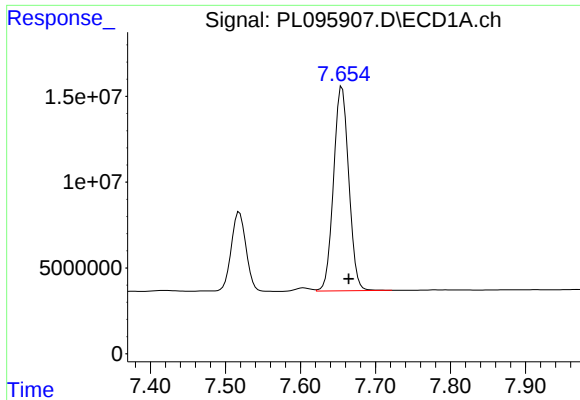
#20 Methoxychlor

R.T.: 7.519 min  
Delta R.T.: -0.009 min  
Response: 61704179  
Conc: 48.38 ng/ml



#20 Methoxychlor

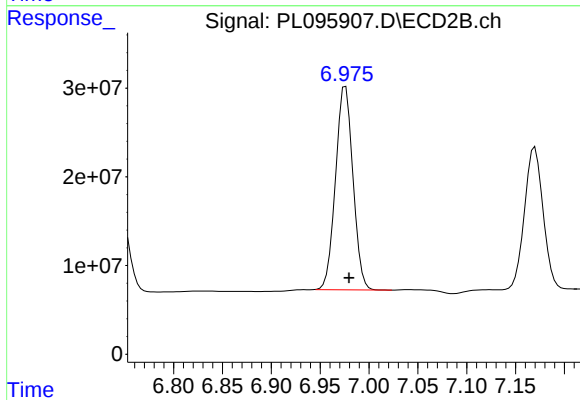
R.T.: 6.746 min  
Delta R.T.: -0.004 min  
Response: 123393765  
Conc: 47.17 ng/ml



#21 Endrin ketone

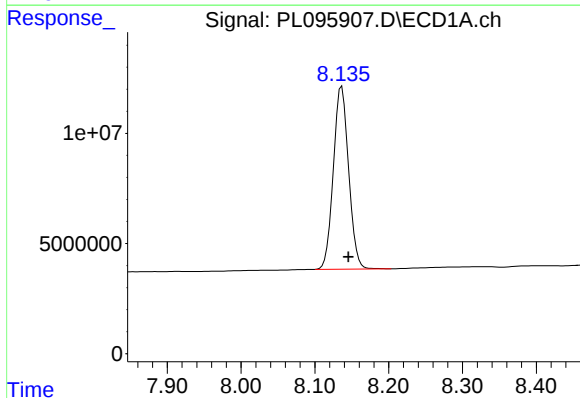
R.T.: 7.655 min  
Delta R.T.: -0.009 min  
Response: 167938901  
Conc: 53.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



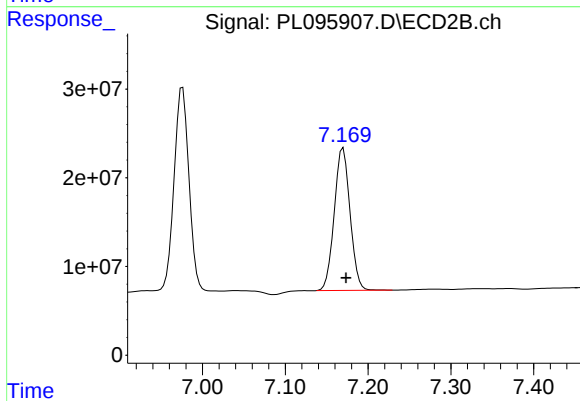
#21 Endrin ketone

R.T.: 6.976 min  
Delta R.T.: -0.004 min  
Response: 284813550  
Conc: 55.05 ng/ml



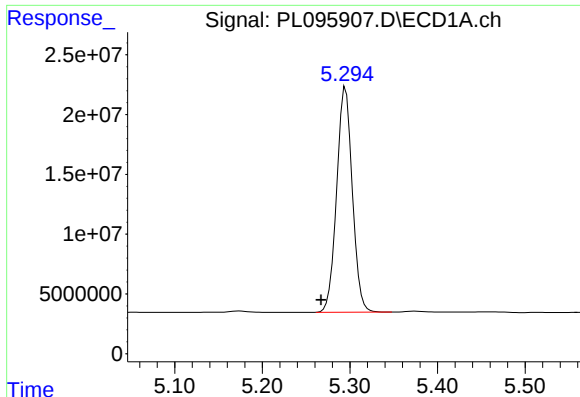
#22 Mirex

R.T.: 8.136 min  
Delta R.T.: -0.009 min  
Response: 119517422  
Conc: 51.65 ng/ml



#22 Mirex

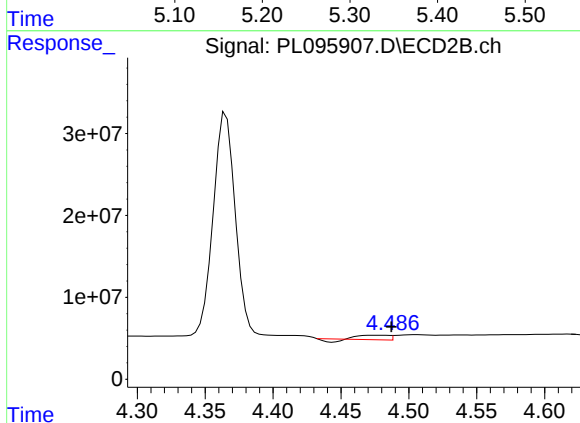
R.T.: 7.170 min  
Delta R.T.: -0.004 min  
Response: 213207778  
Conc: 52.51 ng/ml



#24 Chlordane-2

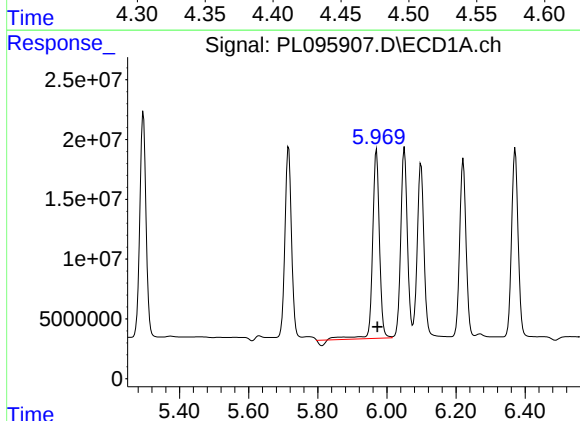
R.T.: 5.295 min  
Delta R.T.: 0.028 min  
Response: 234001361  
Conc: 1217.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



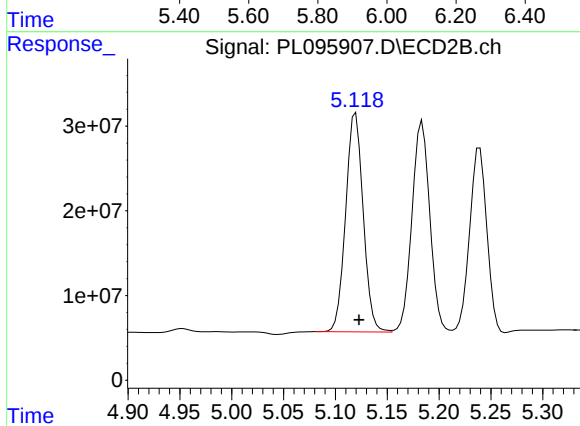
#24 Chlordane-2

R.T.: 4.477 min  
Delta R.T.: -0.010 min  
Response: 6723148  
Conc: 30.18 ng/ml



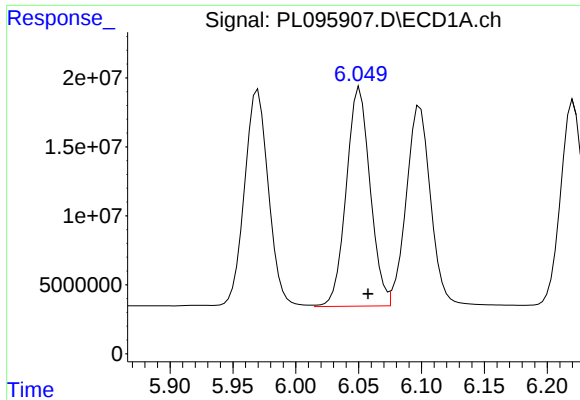
#25 Chlordane-3

R.T.: 5.970 min  
Delta R.T.: -0.003 min  
Response: 217799709  
Conc: 294.71 ng/ml



#25 Chlordane-3

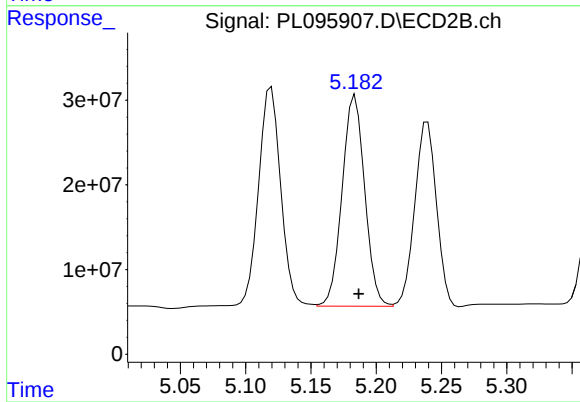
R.T.: 5.120 min  
Delta R.T.: -0.003 min  
Response: 304195346  
Conc: 461.67 ng/ml



#26 Chlordane-4

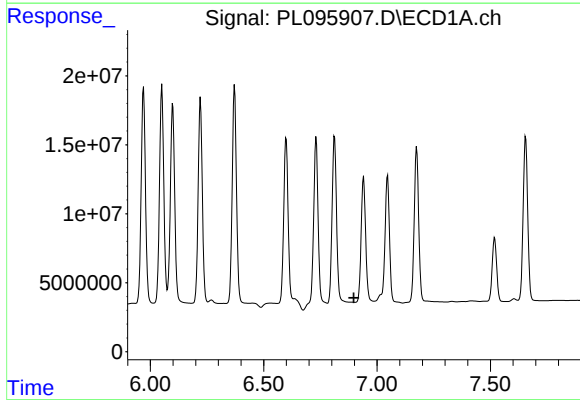
R.T.: 6.051 min  
Delta R.T.: -0.007 min  
Response: 209332135  
Conc: 232.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



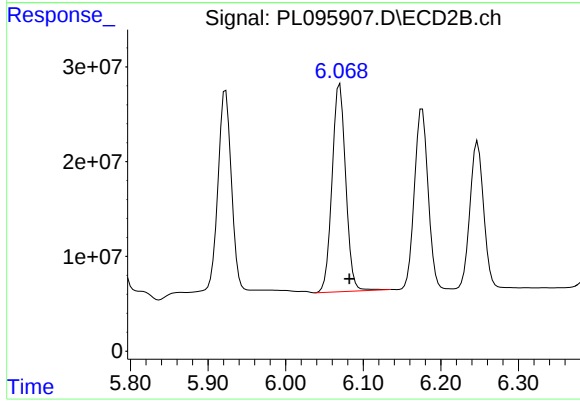
#26 Chlordane-4

R.T.: 5.184 min  
Delta R.T.: -0.003 min  
Response: 299966129  
Conc: 525.42 ng/ml



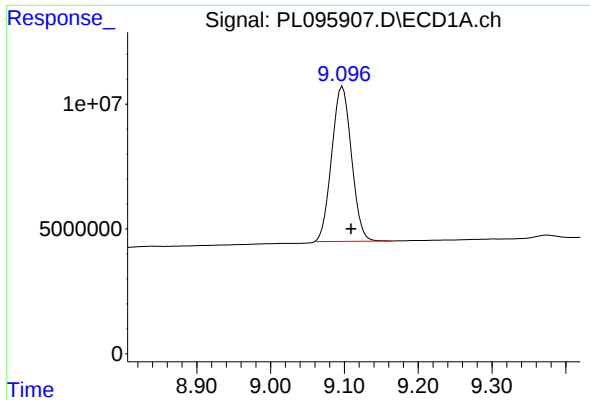
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.897 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

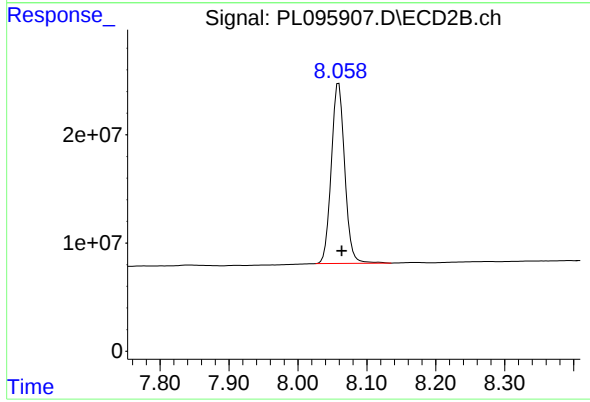
R.T.: 6.070 min  
Delta R.T.: -0.012 min  
Response: 267670514  
Conc: 1049.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.097 min  
Delta R.T.: -0.012 min  
Response: 115500460  
Conc: 49.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 8.059 min  
Delta R.T.: -0.004 min  
Response: 225828316  
Conc: 51.62 ng/ml