

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060525\  
 Data File : PL095956.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Jun 2025 16:37  
 Operator : AR\AJ  
 Sample : Q2208-1MS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 BU-703-COMP-06MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 06 00:51:36 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... | 3.573  | 2.886 | 87210459 | 76515208 | 27.640   | 19.549 #  |
| 28)                         | SA Decachlor... | 9.098  | 8.059 | 37442156 | 71298358 | 15.890   | 16.299    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 4.024  | 3.395 | 252.3E6  | 326.5E6  | 52.037   | 55.740    |
| 3)                          | MA gamma-BHC... | 4.355  | 3.728 | 232.2E6  | 307.3E6  | 51.933   | 54.861    |
| 4)                          | MA Heptachlor   | 4.953  | 4.081 | 190.1E6  | 290.1E6  | 50.235   | 51.722    |
| 5)                          | MB Aldrin       | 5.295  | 4.365 | 219.9E6  | 290.9E6  | 51.407   | 54.818    |
| 6)                          | B beta-BHC      | 4.543  | 4.024 | 101.3E6  | 130.1E6  | 51.397   | 52.507    |
| 7)                          | B delta-BHC     | 4.791  | 4.259 | 226.0E6  | 306.8E6  | 50.971   | 54.324    |
| 8)                          | B Heptachlo...  | 5.716  | 4.867 | 195.3E6  | 268.8E6  | 51.161   | 54.449    |
| 9)                          | A Endosulfan I  | 6.100  | 5.239 | 182.6E6  | 260.9E6  | 49.828   | 54.749    |
| 10)                         | B gamma-Chl...  | 5.970  | 5.120 | 196.3E6  | 284.6E6  | 50.434   | 54.188    |
| 11)                         | B alpha-Chl...  | 6.051  | 5.184 | 195.4E6  | 281.7E6  | 49.492   | 54.139    |
| 12)                         | B 4,4'-DDE      | 6.222  | 5.370 | 183.4E6  | 282.8E6  | 49.991   | 52.731    |
| 13)                         | MA Dieldrin     | 6.373  | 5.504 | 194.9E6  | 281.2E6  | 50.491   | 53.059    |
| 14)                         | MA Endrin       | 6.600  | 5.779 | 144.2E6  | 239.5E6  | 44.674   | 49.110    |
| 15)                         | B Endosulfa...  | 6.812  | 6.070 | 158.8E6  | 254.2E6  | 46.087   | 53.503    |
| 16)                         | A 4,4'-DDD      | 6.732  | 5.923 | 152.1E6  | 242.3E6  | 51.913   | 55.246    |
| 17)                         | MA 4,4'-DDT     | 7.047  | 6.175 | 115.6E6  | 213.0E6  | 42.743   | 44.536    |
| 18)                         | B Endrin al...  | 6.942  | 6.247 | 119.4E6  | 184.6E6  | 49.372   | 53.440    |
| 19)                         | B Endosulfa...  | 7.176  | 6.470 | 142.2E6  | 218.1E6  | 47.593   | 48.526    |
| 20)                         | A Methoxychlor  | 7.519  | 6.746 | 55159945 | 109.7E6  | 43.252   | 41.914    |
| 21)                         | B Endrin ke...  | 7.656  | 6.976 | 155.9E6  | 273.6E6  | 49.240   | 52.884    |
| 22)                         | Mirex           | 8.137  | 7.170 | 110.1E6  | 196.9E6  | 47.576   | 48.486    |
| 24)                         | Chlordane-2     | 5.295f | 0.000 | 219.9E6  | 0        | 1144.307 | N.D. #    |
| 25)                         | Chlordane-3     | 5.970  | 5.120 | 196.3E6  | 284.6E6  | 265.608  | 431.978 # |
| 26)                         | Chlordane-4     | 6.051  | 5.184 | 195.4E6  | 281.7E6  | 217.406  | 493.379 # |
| 27)                         | Chlordane-5     | 0.000  | 6.070 | 0        | 254.2E6  | N.D.     | 997.250 # |
| -----                       |                 |        |       |          |          |          |           |

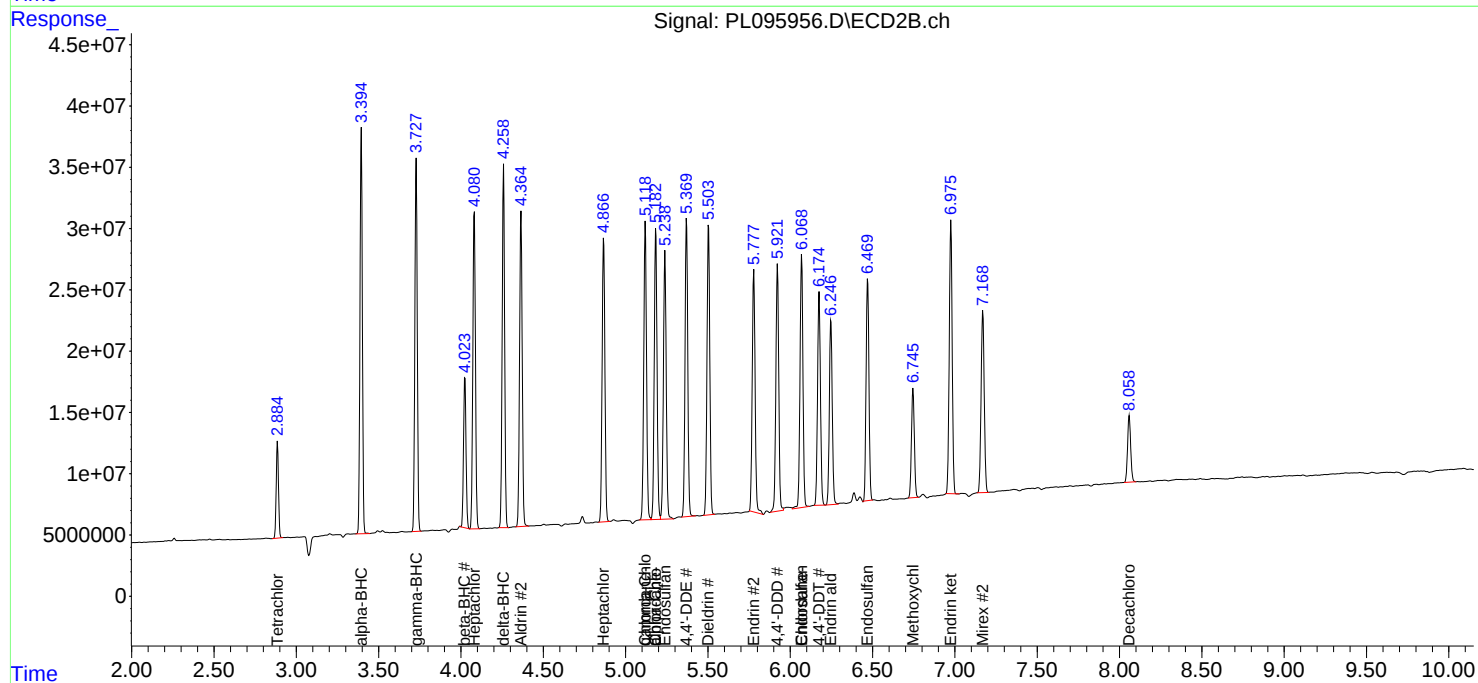
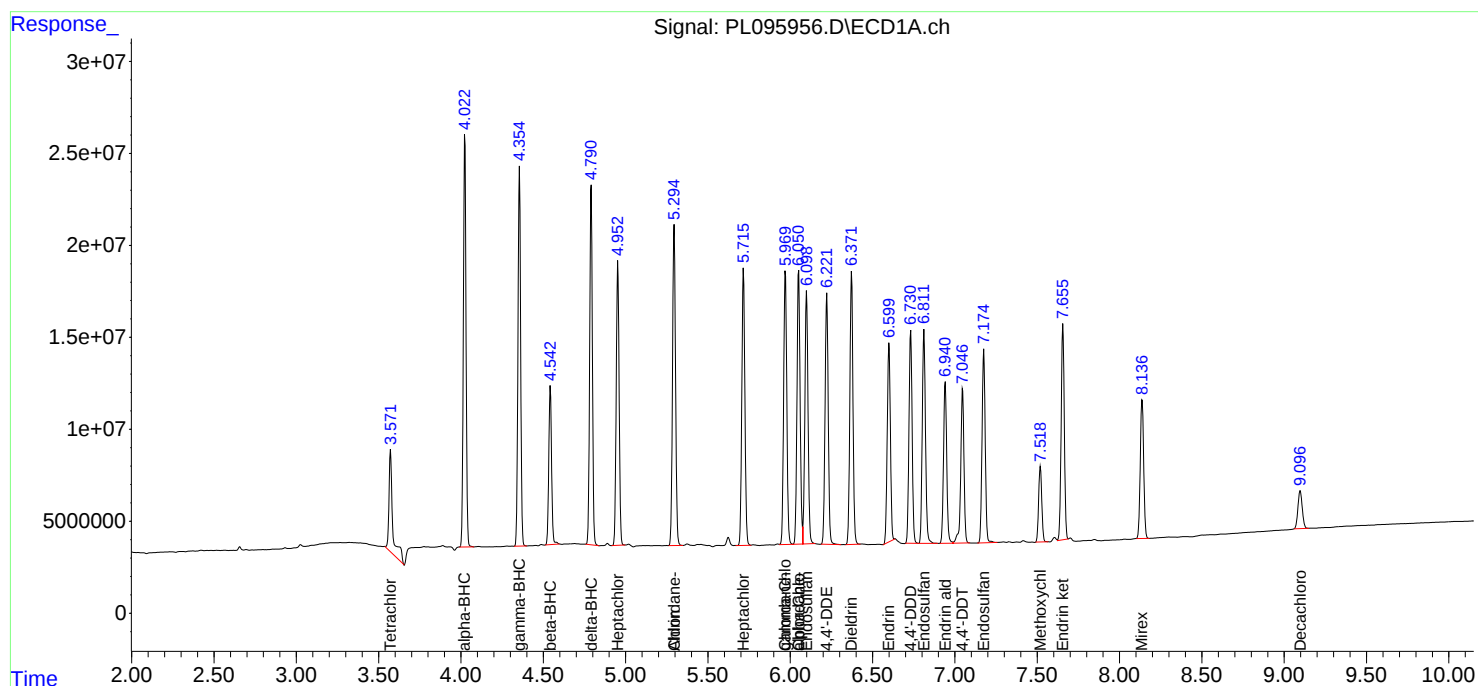
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

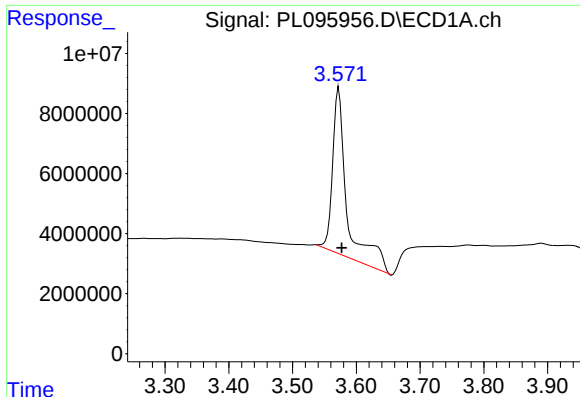
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060525\  
Data File : PL095956.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Jun 2025 16:37  
Operator : AR\AJ  
Sample : Q2208-1MS  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
BU-703-COMP-06MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 06 00:51:36 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

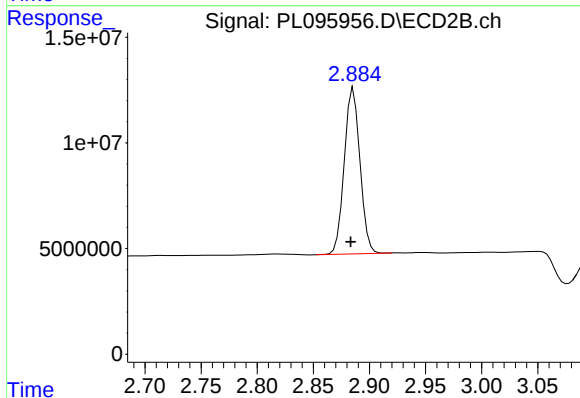




#1 Tetrachloro-m-xylene

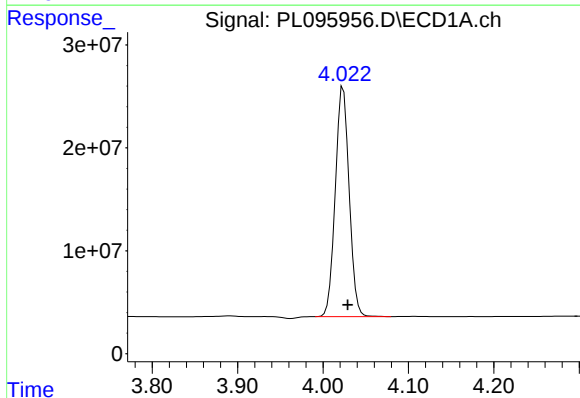
R.T.: 3.573 min  
Delta R.T.: -0.004 min  
Response: 87210459  
Conc: 27.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-703-COMP-06MS



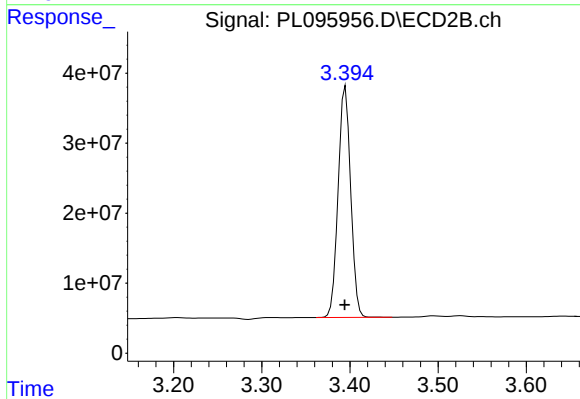
#1 Tetrachloro-m-xylene

R.T.: 2.886 min  
Delta R.T.: 0.002 min  
Response: 76515208  
Conc: 19.55 ng/ml



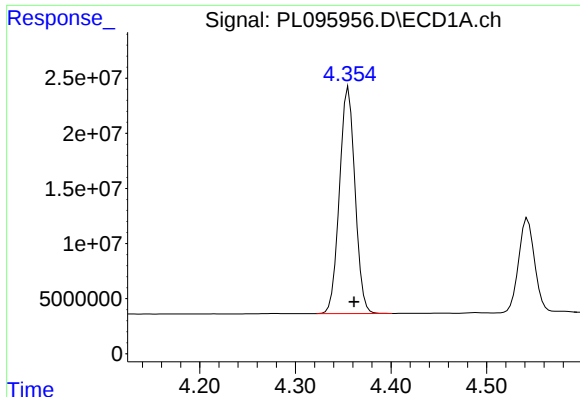
#2 alpha-BHC

R.T.: 4.024 min  
Delta R.T.: -0.005 min  
Response: 252270519  
Conc: 52.04 ng/ml



#2 alpha-BHC

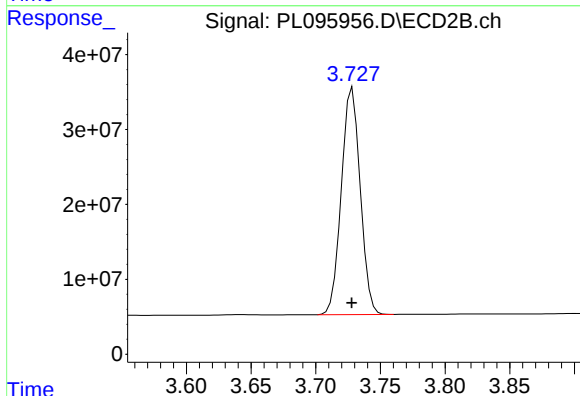
R.T.: 3.395 min  
Delta R.T.: 0.001 min  
Response: 326485577  
Conc: 55.74 ng/ml



#3 gamma-BHC (Lindane)

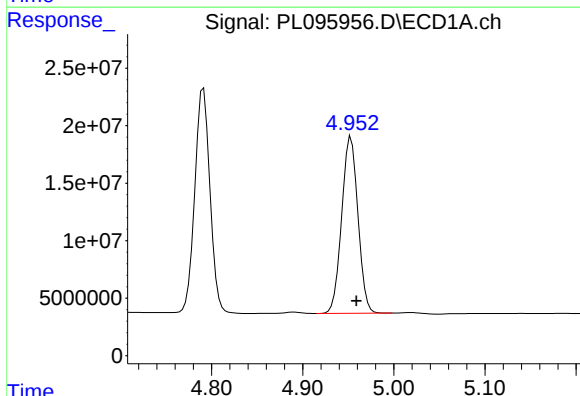
R.T.: 4.355 min  
Delta R.T.: -0.006 min  
Response: 232238829  
Conc: 51.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-703-COMP-06MS



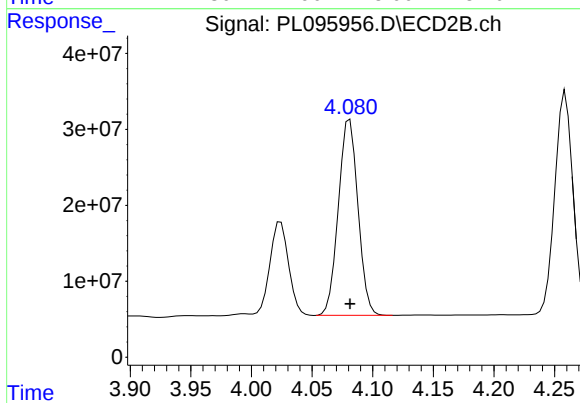
#3 gamma-BHC (Lindane)

R.T.: 3.728 min  
Delta R.T.: 0.000 min  
Response: 307290436  
Conc: 54.86 ng/ml



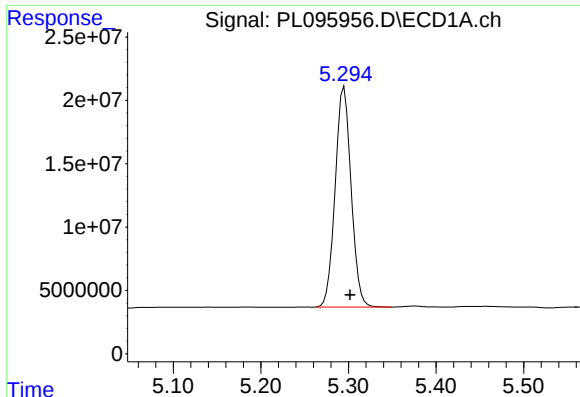
#4 Heptachlor

R.T.: 4.953 min  
Delta R.T.: -0.006 min  
Response: 190140868  
Conc: 50.23 ng/ml



#4 Heptachlor

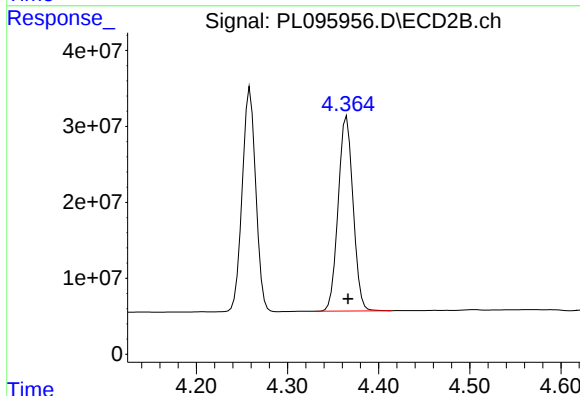
R.T.: 4.081 min  
Delta R.T.: 0.000 min  
Response: 290112166  
Conc: 51.72 ng/ml



#5 Aldrin

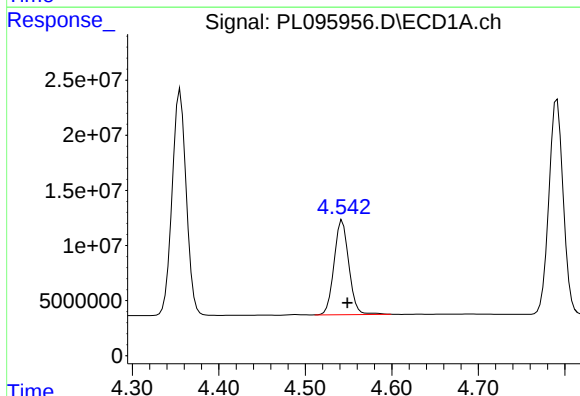
R.T.: 5.295 min  
Delta R.T.: -0.007 min  
Response: 219904266  
Conc: 51.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-703-COMP-06MS



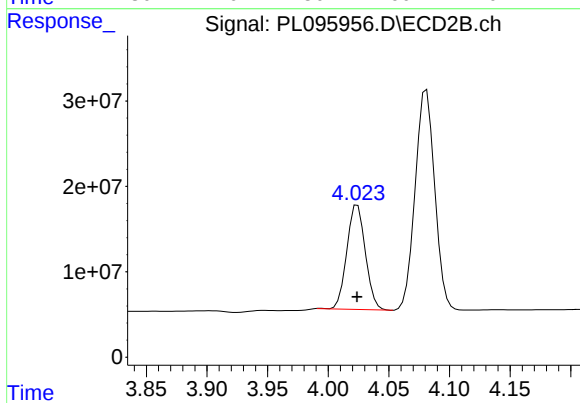
#5 Aldrin

R.T.: 4.365 min  
Delta R.T.: -0.001 min  
Response: 290926473  
Conc: 54.82 ng/ml



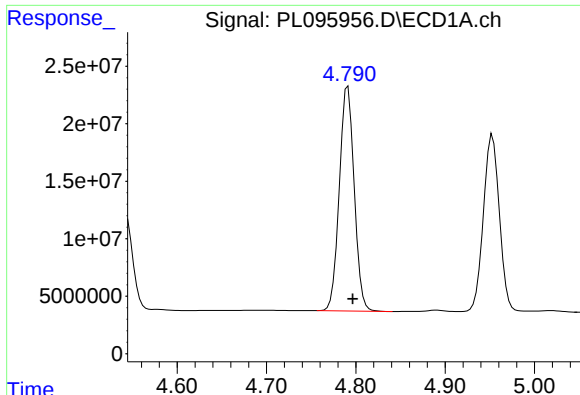
#6 beta-BHC

R.T.: 4.543 min  
Delta R.T.: -0.006 min  
Response: 101321814  
Conc: 51.40 ng/ml



#6 beta-BHC

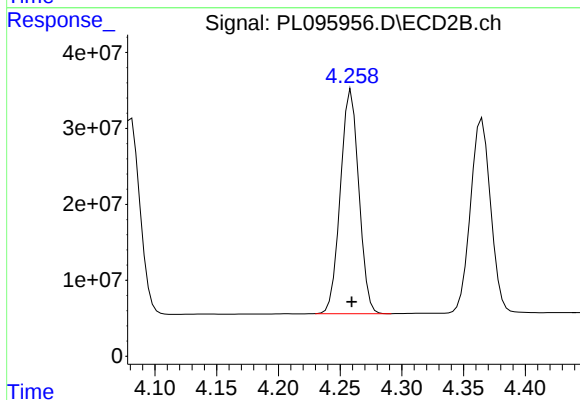
R.T.: 4.024 min  
Delta R.T.: 0.000 min  
Response: 130088478  
Conc: 52.51 ng/ml



#7 delta-BHC

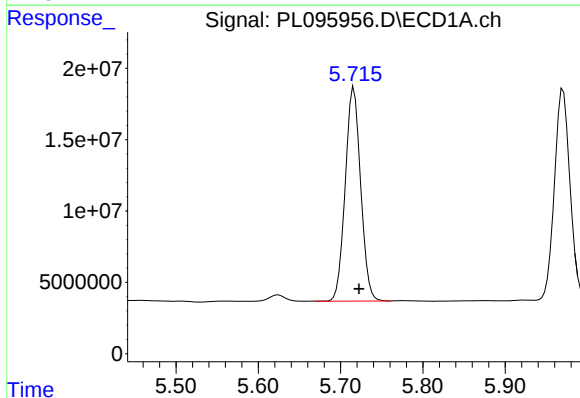
R.T.: 4.791 min  
Delta R.T.: -0.005 min  
Response: 225985962  
Conc: 50.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-703-COMP-06MS



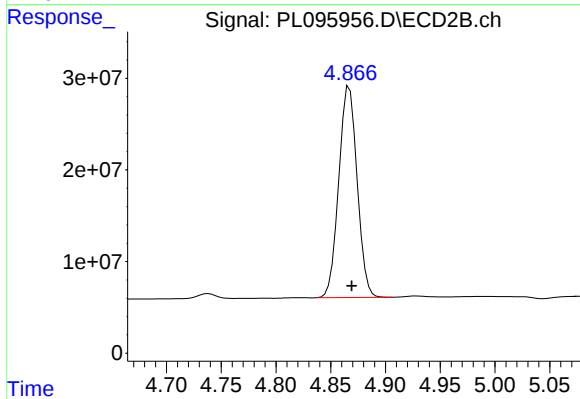
#7 delta-BHC

R.T.: 4.259 min  
Delta R.T.: 0.000 min  
Response: 306785409  
Conc: 54.32 ng/ml



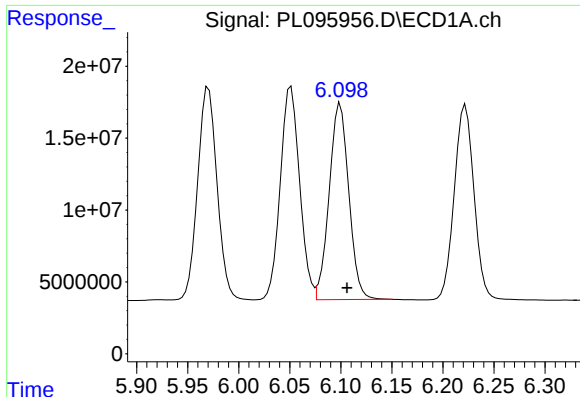
#8 Heptachlor epoxide

R.T.: 5.716 min  
Delta R.T.: -0.006 min  
Response: 195275092  
Conc: 51.16 ng/ml



#8 Heptachlor epoxide

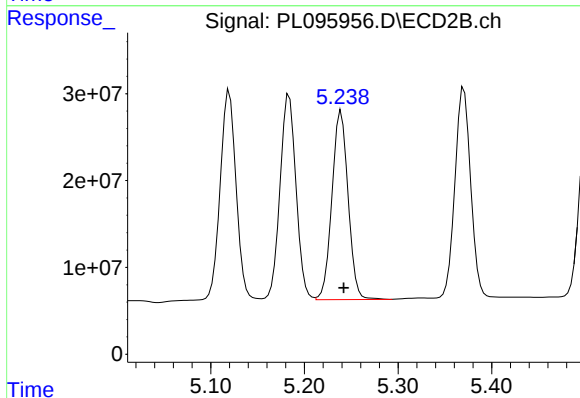
R.T.: 4.867 min  
Delta R.T.: -0.002 min  
Response: 268836285  
Conc: 54.45 ng/ml



#9 Endosulfan I

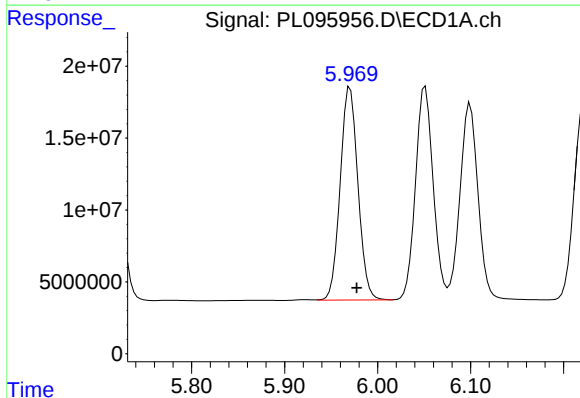
R.T.: 6.100 min  
Delta R.T.: -0.006 min  
Response: 182613115  
Conc: 49.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-703-COMP-06MS



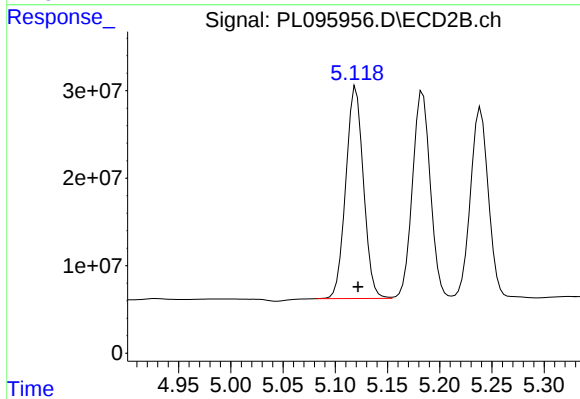
#9 Endosulfan I

R.T.: 5.239 min  
Delta R.T.: -0.003 min  
Response: 260878111  
Conc: 54.75 ng/ml



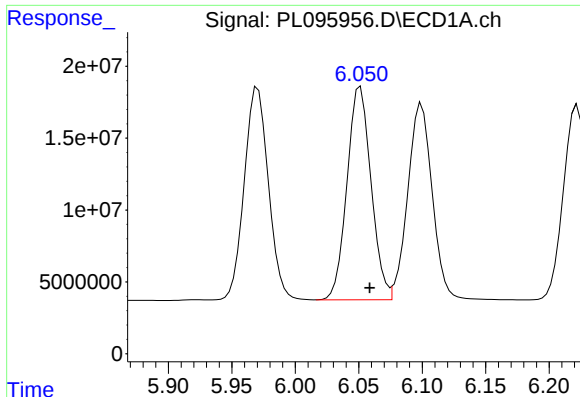
#10 gamma-Chlordane

R.T.: 5.970 min  
Delta R.T.: -0.007 min  
Response: 196291856  
Conc: 50.43 ng/ml



#10 gamma-Chlordane

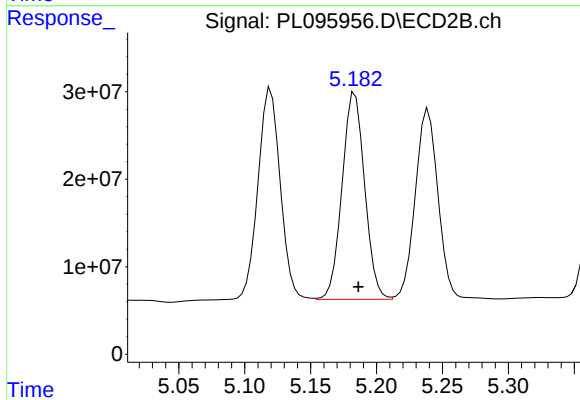
R.T.: 5.120 min  
Delta R.T.: -0.002 min  
Response: 284632295  
Conc: 54.19 ng/ml



#11 alpha-Chlordane

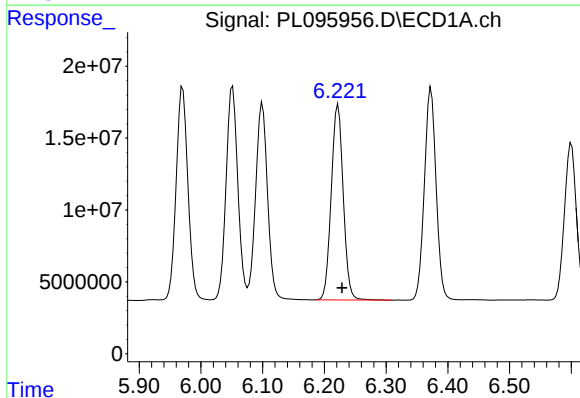
R.T.: 6.051 min  
Delta R.T.: -0.007 min  
Response: 195401876  
Conc: 49.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-703-COMP-06MS



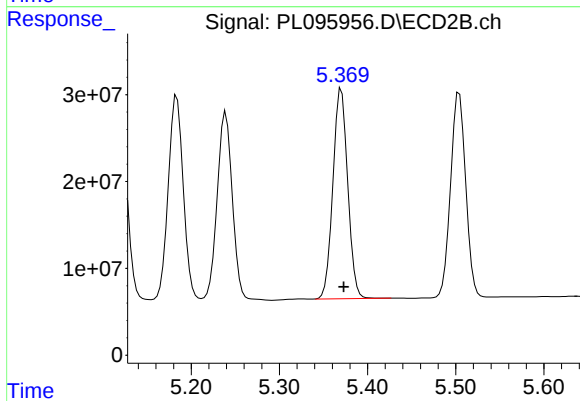
#11 alpha-Chlordane

R.T.: 5.184 min  
Delta R.T.: -0.003 min  
Response: 281674465  
Conc: 54.14 ng/ml



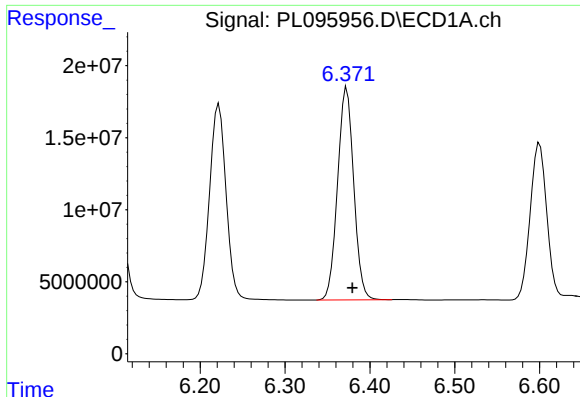
#12 4,4'-DDE

R.T.: 6.222 min  
Delta R.T.: -0.007 min  
Response: 183362124  
Conc: 49.99 ng/ml



#12 4,4'-DDE

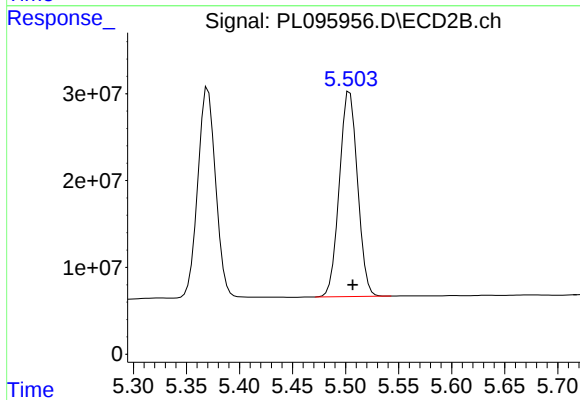
R.T.: 5.370 min  
Delta R.T.: -0.003 min  
Response: 282752014  
Conc: 52.73 ng/ml



#13 Dieldrin

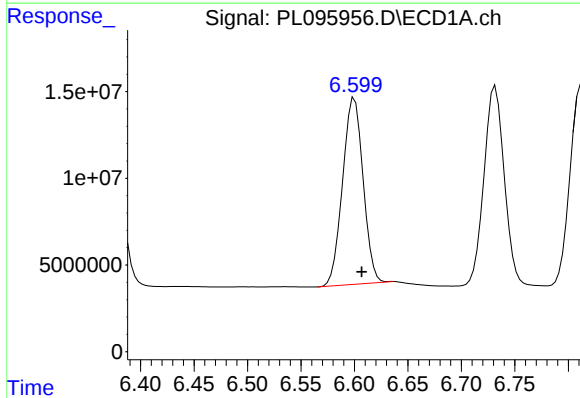
R.T.: 6.373 min  
Delta R.T.: -0.007 min  
Response: 194853187  
Conc: 50.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-703-COMP-06MS



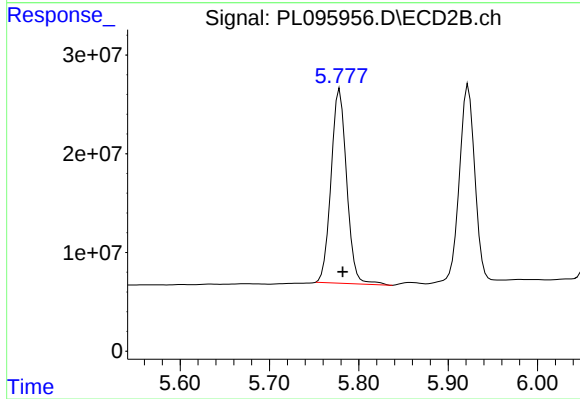
#13 Dieldrin

R.T.: 5.504 min  
Delta R.T.: -0.003 min  
Response: 281218044  
Conc: 53.06 ng/ml



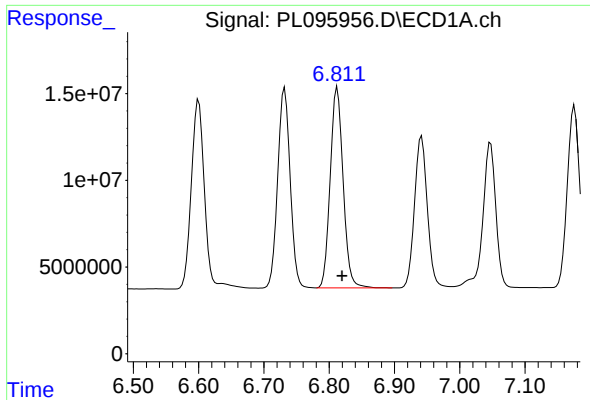
#14 Endrin

R.T.: 6.600 min  
Delta R.T.: -0.007 min  
Response: 144150862  
Conc: 44.67 ng/ml



#14 Endrin

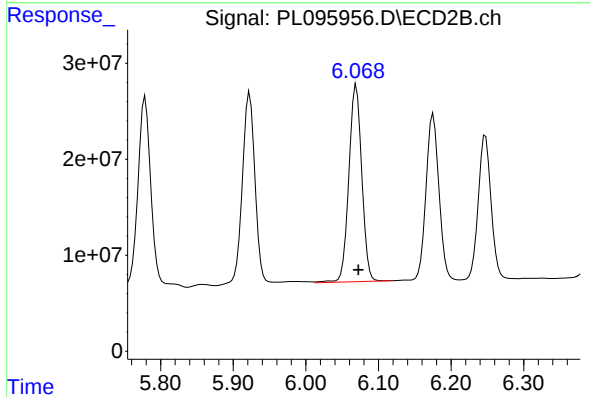
R.T.: 5.779 min  
Delta R.T.: -0.003 min  
Response: 239464125  
Conc: 49.11 ng/ml



#15 Endosulfan II

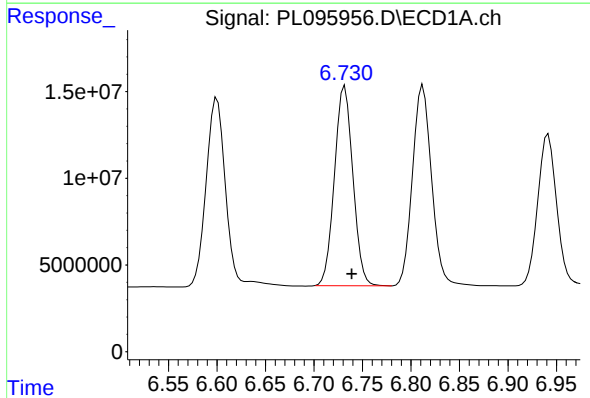
R.T.: 6.812 min  
Delta R.T.: -0.007 min  
Response: 158816438  
Conc: 46.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-703-COMP-06MS



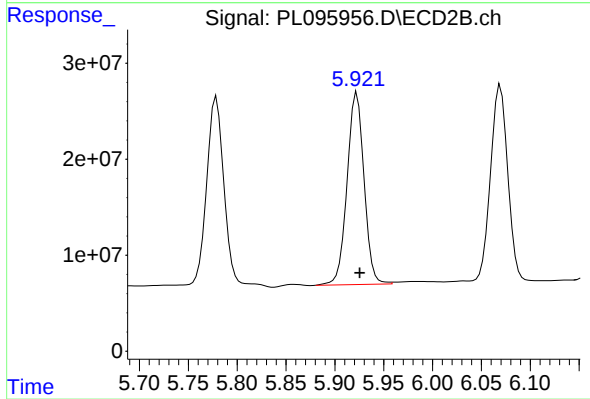
#15 Endosulfan II

R.T.: 6.070 min  
Delta R.T.: -0.003 min  
Response: 254232660  
Conc: 53.50 ng/ml



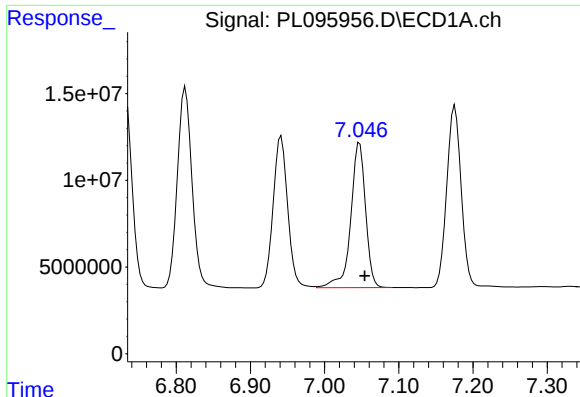
#16 4,4'-DDD

R.T.: 6.732 min  
Delta R.T.: -0.007 min  
Response: 152135429  
Conc: 51.91 ng/ml



#16 4,4'-DDD

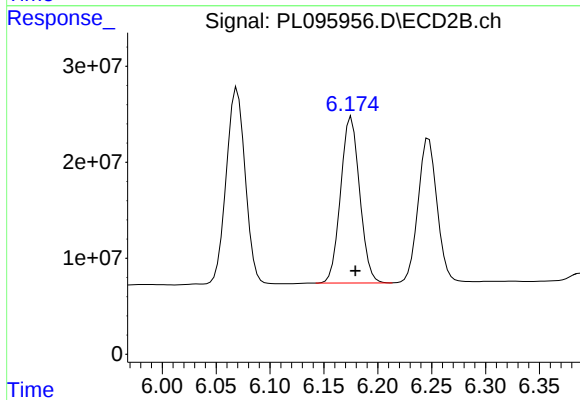
R.T.: 5.923 min  
Delta R.T.: -0.003 min  
Response: 242251312  
Conc: 55.25 ng/ml



#17 4,4'-DDT

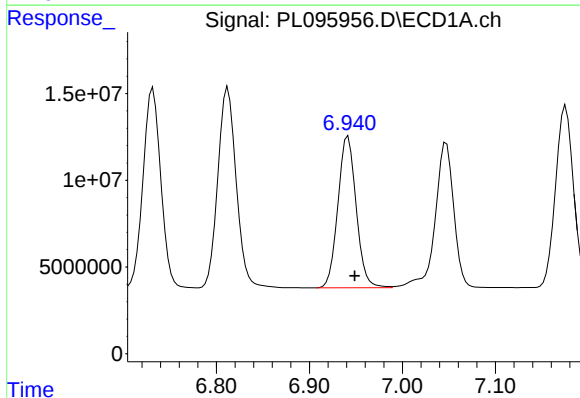
R.T.: 7.047 min  
Delta R.T.: -0.007 min  
Response: 115626025  
Conc: 42.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-703-COMP-06MS



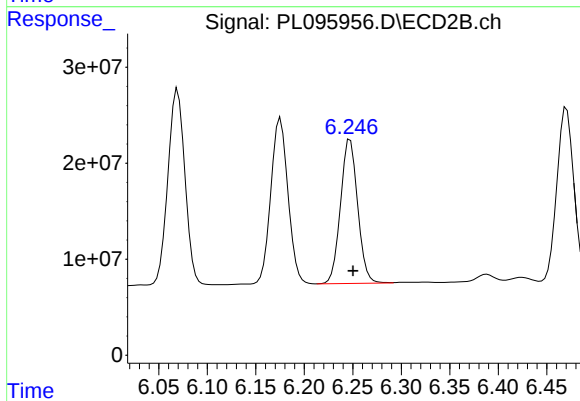
#17 4,4'-DDT

R.T.: 6.175 min  
Delta R.T.: -0.004 min  
Response: 212999887  
Conc: 44.54 ng/ml



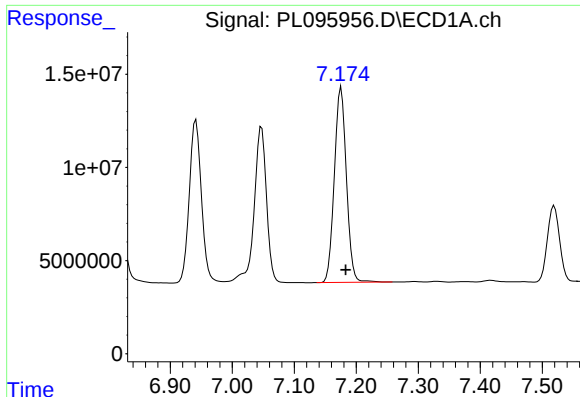
#18 Endrin aldehyde

R.T.: 6.942 min  
Delta R.T.: -0.007 min  
Response: 119362229  
Conc: 49.37 ng/ml



#18 Endrin aldehyde

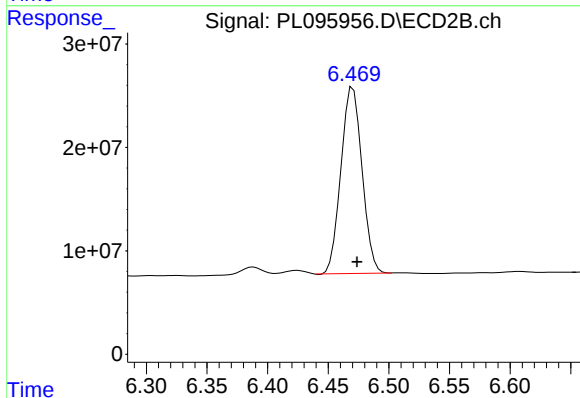
R.T.: 6.247 min  
Delta R.T.: -0.003 min  
Response: 184597404  
Conc: 53.44 ng/ml



#19 Endosulfan Sulfate

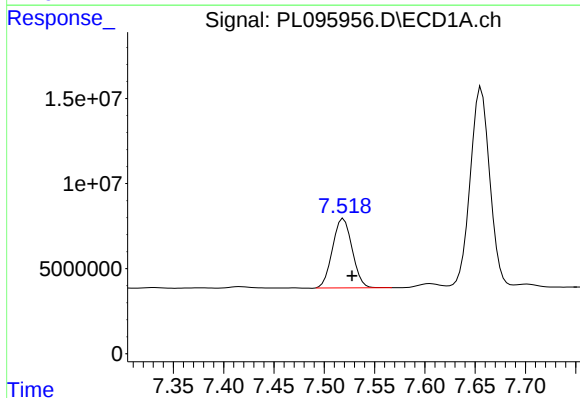
R.T.: 7.176 min  
Delta R.T.: -0.008 min  
Response: 142155383  
Conc: 47.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-703-COMP-06MS



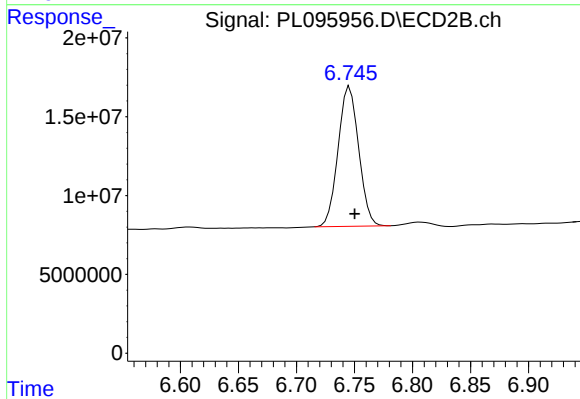
#19 Endosulfan Sulfate

R.T.: 6.470 min  
Delta R.T.: -0.003 min  
Response: 218110055  
Conc: 48.53 ng/ml



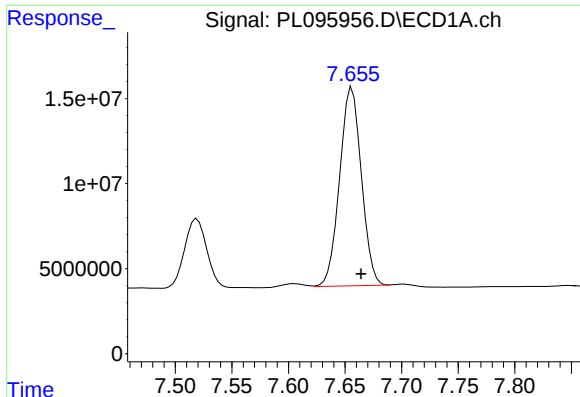
#20 Methoxychlor

R.T.: 7.519 min  
Delta R.T.: -0.008 min  
Response: 55159945  
Conc: 43.25 ng/ml



#20 Methoxychlor

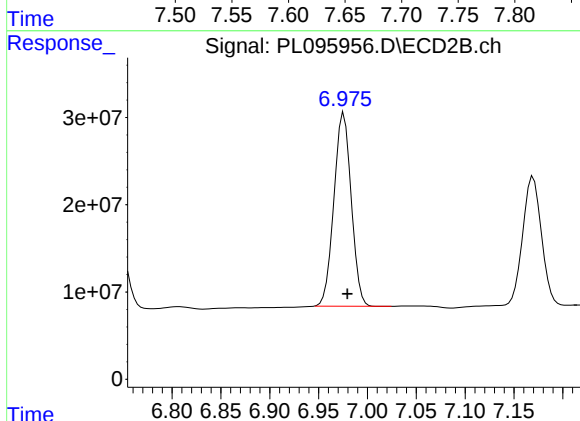
R.T.: 6.746 min  
Delta R.T.: -0.004 min  
Response: 109651323  
Conc: 41.91 ng/ml



#21 Endrin ketone

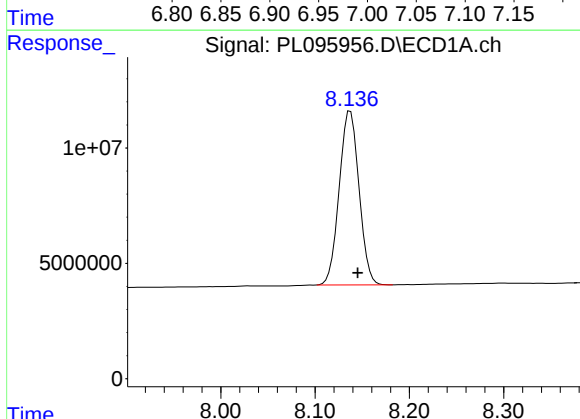
R.T.: 7.656 min  
Delta R.T.: -0.008 min  
Response: 155939406  
Conc: 49.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-703-COMP-06MS



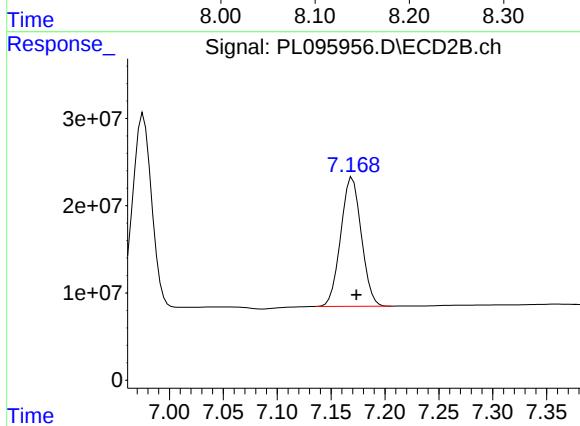
#21 Endrin ketone

R.T.: 6.976 min  
Delta R.T.: -0.004 min  
Response: 273617226  
Conc: 52.88 ng/ml



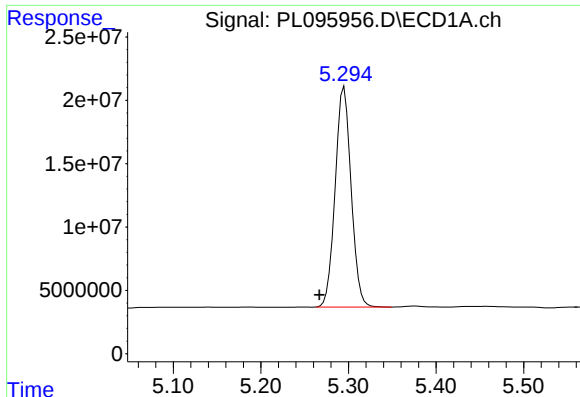
#22 Mirex

R.T.: 8.137 min  
Delta R.T.: -0.008 min  
Response: 110079476  
Conc: 47.58 ng/ml



#22 Mirex

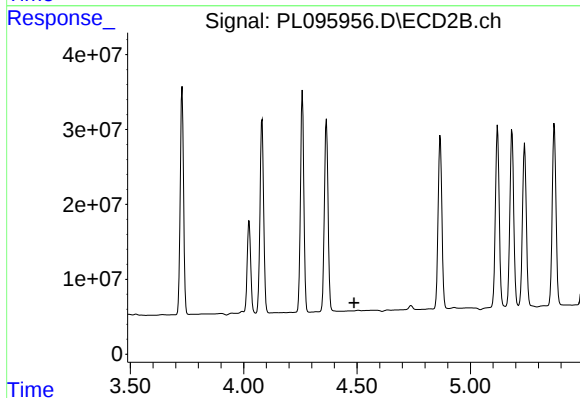
R.T.: 7.170 min  
Delta R.T.: -0.004 min  
Response: 196878590  
Conc: 48.49 ng/ml



#24 Chlordane-2

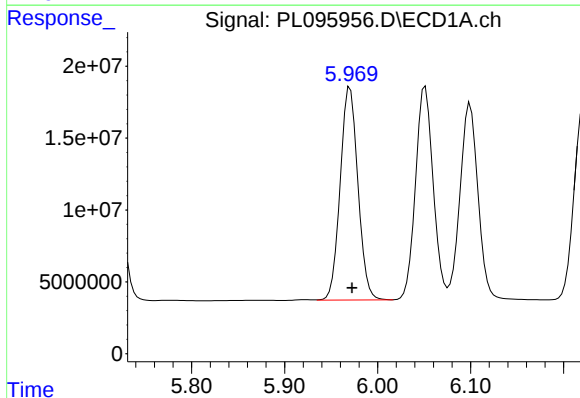
R.T.: 5.295 min  
Delta R.T.: 0.028 min  
Response: 219904266  
Conc: 1144.31 ng/m

Instrument :  
ECD\_L  
ClientSampleId :  
BU-703-COMP-06MS



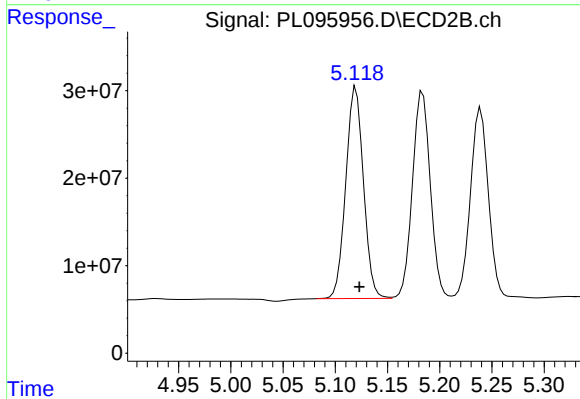
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.487 min  
Response: 0  
Conc: N.D.



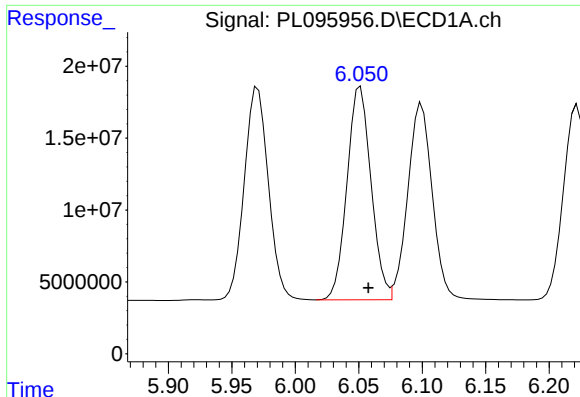
#25 Chlordane-3

R.T.: 5.970 min  
Delta R.T.: -0.002 min  
Response: 196291856  
Conc: 265.61 ng/ml



#25 Chlordane-3

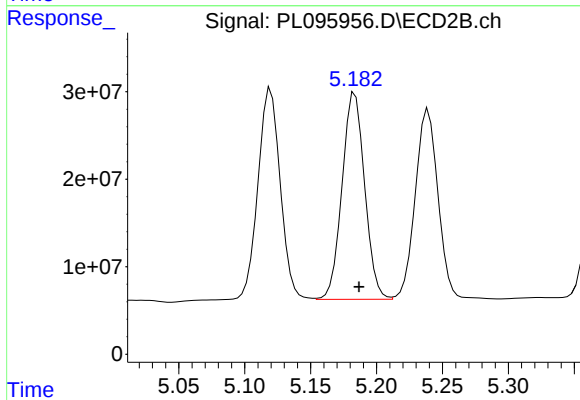
R.T.: 5.120 min  
Delta R.T.: -0.003 min  
Response: 284632295  
Conc: 431.98 ng/ml



#26 Chlordane-4

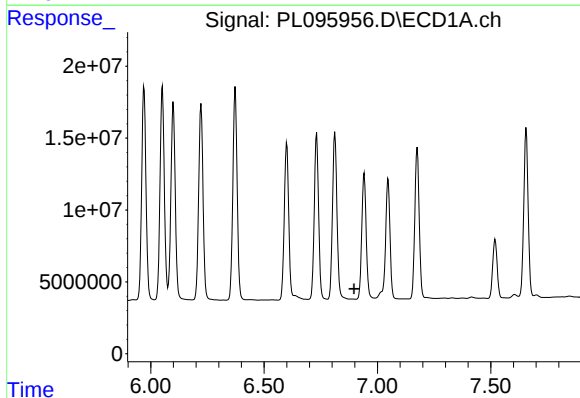
R.T.: 6.051 min  
Delta R.T.: -0.006 min  
Response: 195401876  
Conc: 217.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-703-COMP-06MS



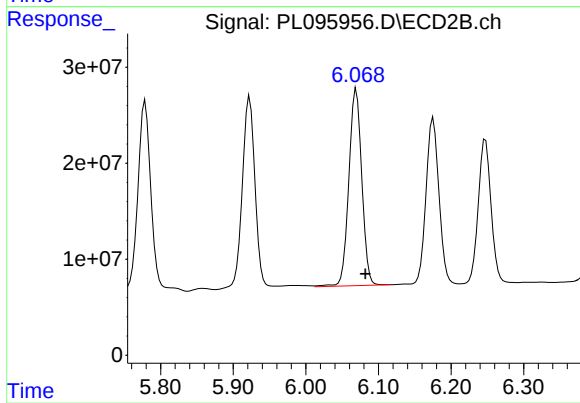
#26 Chlordane-4

R.T.: 5.184 min  
Delta R.T.: -0.003 min  
Response: 281674465  
Conc: 493.38 ng/ml



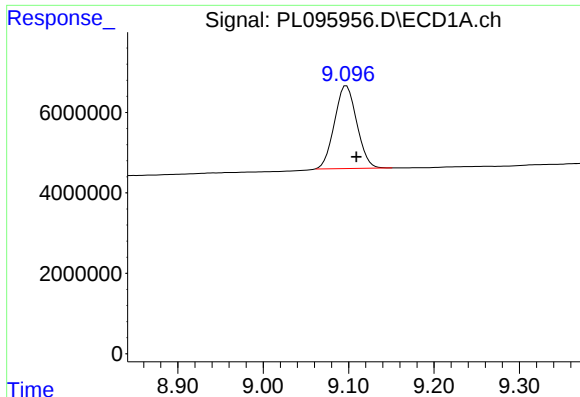
#27 Chlordane-5

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



#27 Chlordane-5

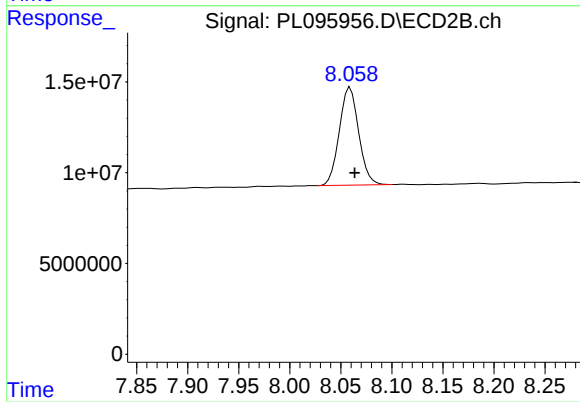
R.T.: 6.070 min  
Delta R.T.: -0.013 min  
Response: 254232660  
Conc: 997.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.098 min  
Delta R.T.: -0.011 min  
Response: 37442156  
Conc: 15.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-703-COMP-06MS



#28 Decachlorobiphenyl

R.T.: 8.059 min  
Delta R.T.: -0.004 min  
Response: 71298358  
Conc: 16.30 ng/ml