

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121719\  
 Data File : PL055021.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Dec 2019 10:21  
 Operator : SG\AJ  
 Sample : K6110-04MS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 17 10:45:34 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112619.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Nov 27 01:19:55 2019  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

|                             | Compound        | RT#1  | RT#2   | Resp#1  | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|--------|---------|----------|----------|------------|
| -----                       |                 |       |        |         |          |          |            |
| System Monitoring Compounds |                 |       |        |         |          |          |            |
| 1)                          | SA Tetrachlo... | 3.537 | 4.050  | 226.3E6 | 63069127 | 19.450   | 24.715 #   |
| 28)                         | SA Decachlor... | 8.316 | 9.150  | 177.9E6 | 46509970 | 18.576   | 19.400     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.979 | 4.441  | 947.5E6 | 221.2E6  | 49.909   | 62.448 #   |
| 3)                          | MA gamma-BHC... | 4.266 | 4.727  | 879.2E6 | 201.0E6  | 51.578   | 61.641     |
| 4)                          | MA Heptachlor   | 4.571 | 5.236  | 923.5E6 | 187.7E6  | 52.374   | 62.180     |
| 5)                          | MB Aldrin       | 4.822 | 5.542  | 869.6E6 | 179.6E6  | 53.351   | 64.437     |
| 6)                          | B beta-BHC      | 4.516 | 4.898  | 375.8E6 | 87307352 | 50.666   | 61.998     |
| 7)                          | B delta-BHC     | 4.724 | 5.116  | 574.9E6 | 98306540 | 35.365   | 36.871     |
| 8)                          | B Heptachlo...  | 5.267 | 5.928  | 816.4E6 | 138.6E6  | 53.976   | 55.474     |
| 9)                          | A Endosulfan I  | 5.609 | 6.286  | 730.3E6 | 147.4E6  | 53.556   | 59.602     |
| 10)                         | B gamma-Chl...  | 5.496 | 6.163  | 814.1E6 | 159.5E6  | 53.688   | 60.548     |
| 11)                         | B alpha-Chl...  | 5.554 | 6.235  | 773.6E6 | 156.6E6  | 52.465   | 59.635     |
| 12)                         | B 4,4'-DDE      | 5.717 | 6.392  | 723.7E6 | 150.2E6  | 54.393   | 60.695     |
| 13)                         | MA Dieldrin     | 5.854 | 6.544  | 759.2E6 | 153.3E6  | 53.537   | 60.222     |
| 14)                         | MA Endrin       | 6.112 | 6.762  | 686.4E6 | 122.9E6  | 53.907   | 55.453     |
| 15)                         | B Endosulfa...  | 6.385 | 6.973  | 610.9E6 | 130.9E6  | 50.485   | 55.695     |
| 16)                         | A 4,4'-DDD      | 6.235 | 6.884  | 521.8E6 | 116.4E6  | 53.426   | 60.614     |
| 17)                         | MA 4,4'-DDT     | 6.477 | 7.184  | 546.1E6 | 116.7E6  | 52.126   | 58.922     |
| 18)                         | B Endrin al...  | 6.554 | 7.097  | 485.6E6 | 111.0E6  | 49.032   | 56.603     |
| 19)                         | B Endosulfa...  | 6.768 | 7.321  | 539.3E6 | 122.4E6  | 50.359   | 57.707     |
| 20)                         | A Methoxychlor  | 7.022 | 7.644  | 260.7E6 | 60177279 | 52.008   | 52.755     |
| 21)                         | B Endrin ke...  | 7.261 | 7.795  | 570.9E6 | 132.7E6  | 52.522   | 58.966     |
| 22)                         | Mirex           | 7.454 | 8.252  | 396.6E6 | 92918163 | 48.854   | 53.762     |
| 24)                         | Chlordane-2     | 0.000 | 5.542f | 0       | 179.6E6  | N.D.     | 2003.400 # |
| 25)                         | Chlordane-3     | 5.496 | 6.163  | 814.1E6 | 159.5E6  | 633.998  | 513.872    |
| 26)                         | Chlordane-4     | 5.554 | 6.235  | 773.6E6 | 156.6E6  | 732.414  | 416.120 #  |
| 27)                         | Chlordane-5     | 6.385 | 0.000  | 610.9E6 | 0        | 1622.511 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

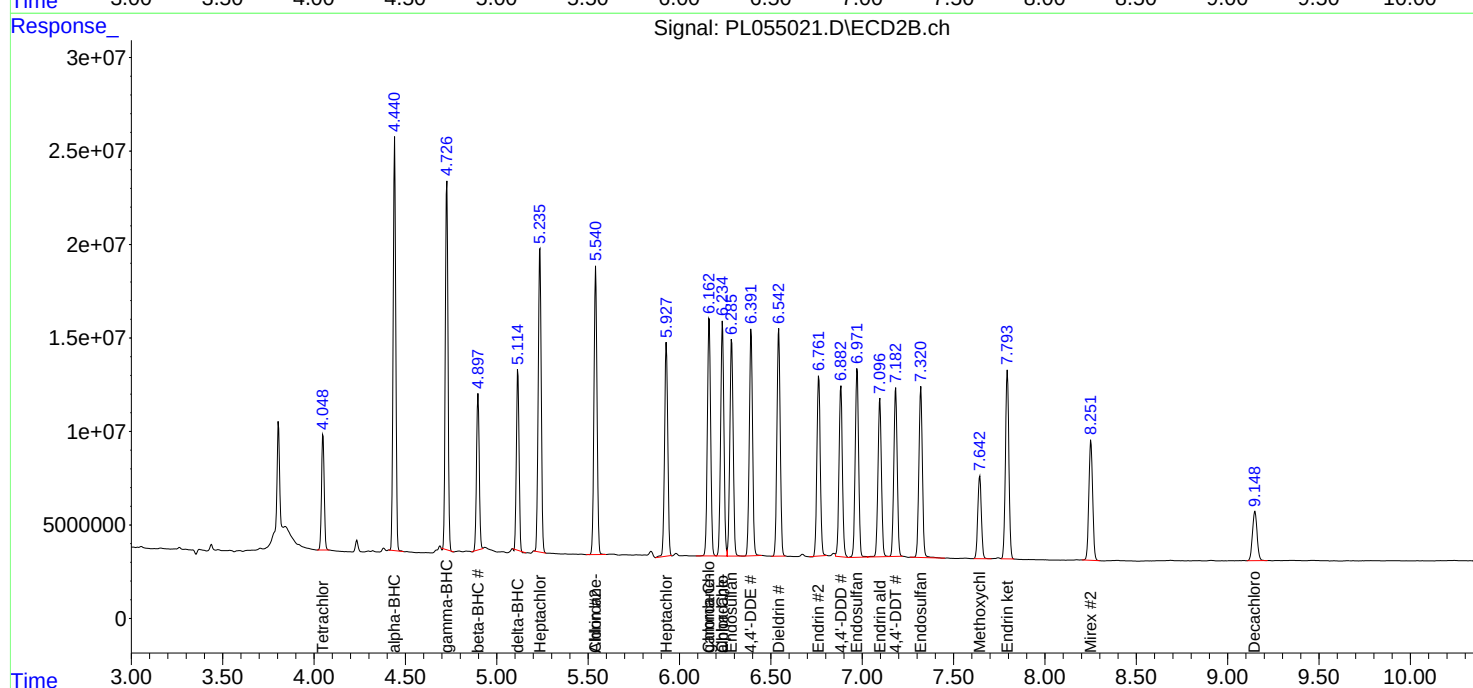
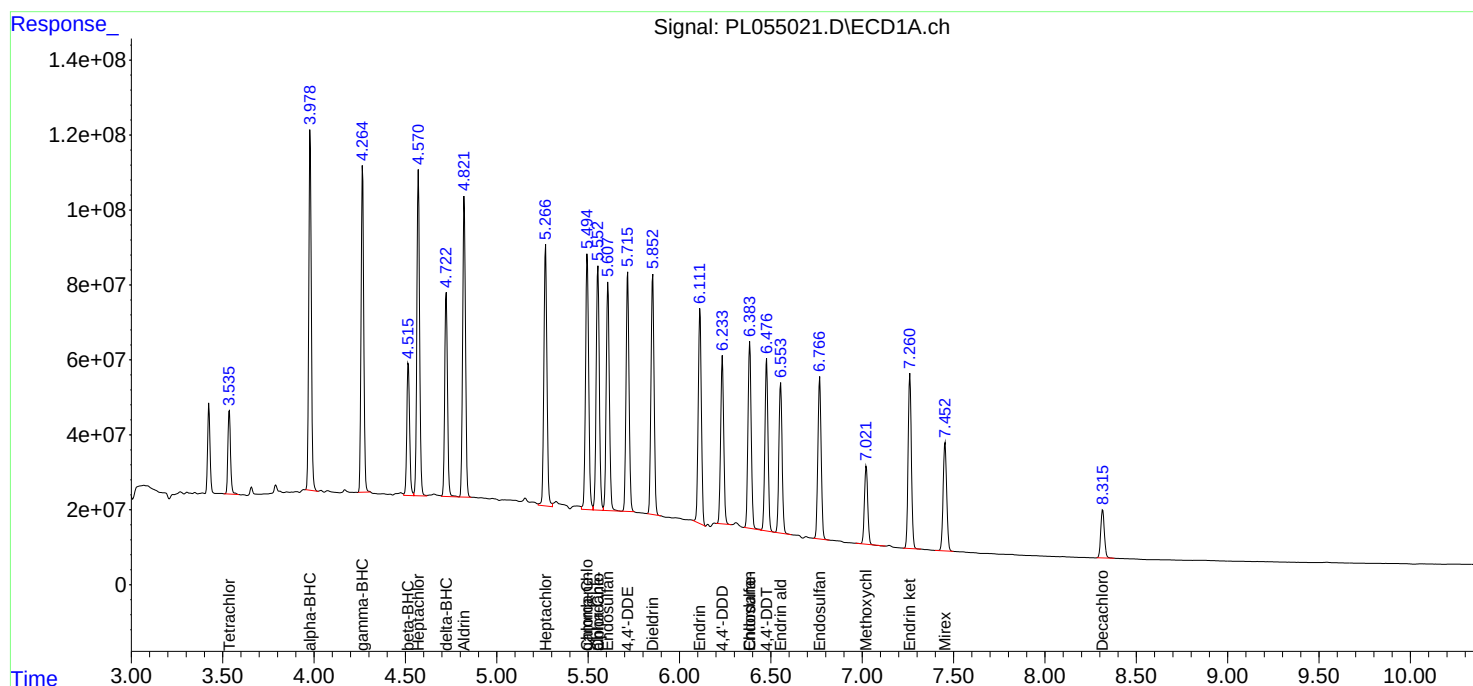
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

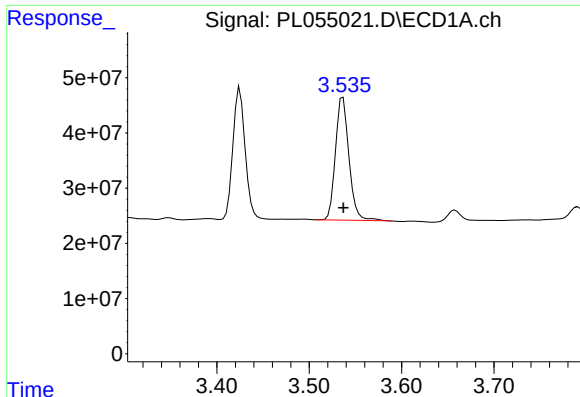
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121719\  
Data File : PL055021.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Dec 2019 10:21  
Operator : SG\AJ  
Sample : K6110-04MS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 17 10:45:34 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112619.M  
Quant Title : GC Extractables  
QLast Update : Wed Nov 27 01:19:55 2019  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

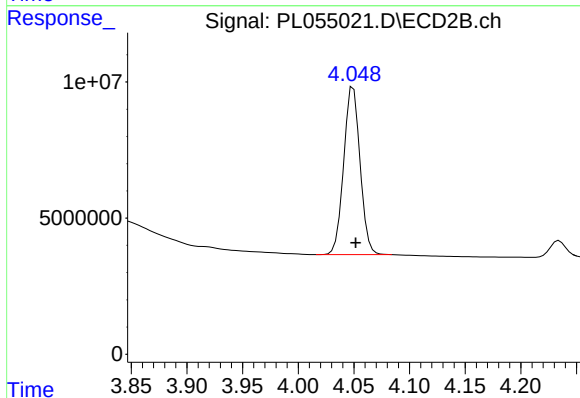




#1 Tetrachloro-m-xylene

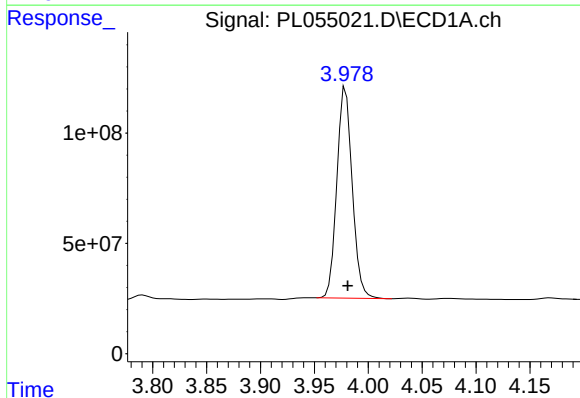
R.T.: 3.537 min  
Delta R.T.: 0.000 min  
Response: 226285059  
Conc: 19.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



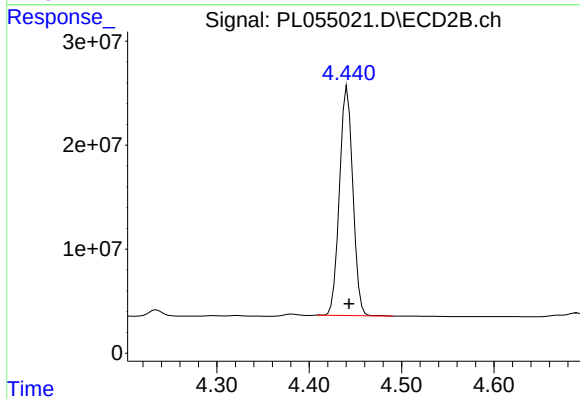
#1 Tetrachloro-m-xylene

R.T.: 4.050 min  
Delta R.T.: -0.002 min  
Response: 63069127  
Conc: 24.72 ng/ml



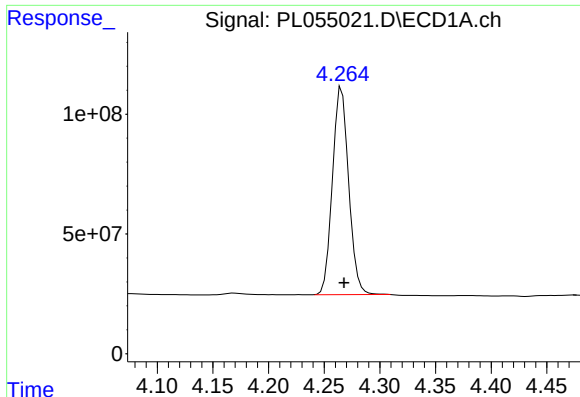
#2 alpha-BHC

R.T.: 3.979 min  
Delta R.T.: -0.002 min  
Response: 947475463  
Conc: 49.91 ng/ml



#2 alpha-BHC

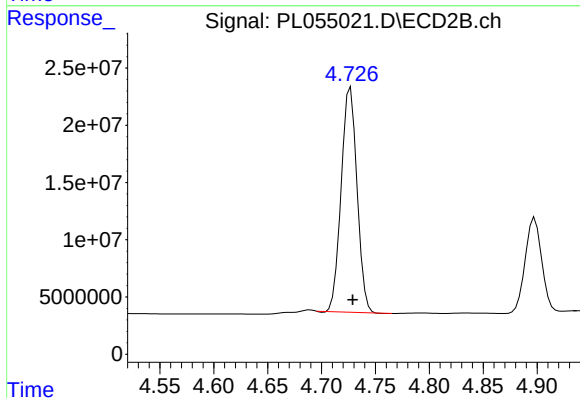
R.T.: 4.441 min  
Delta R.T.: -0.002 min  
Response: 221237758  
Conc: 62.45 ng/ml



#3 gamma-BHC (Lindane)

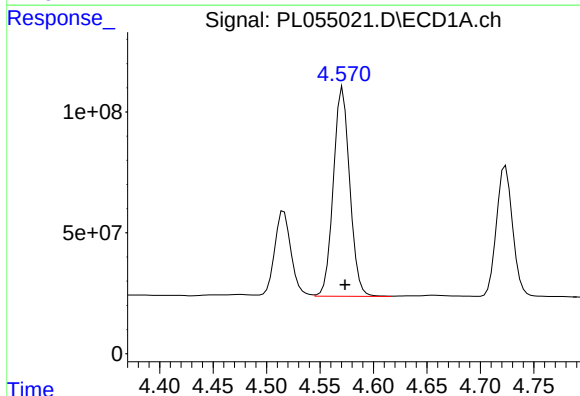
R.T.: 4.266 min  
Delta R.T.: -0.002 min  
Response: 879186664  
Conc: 51.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



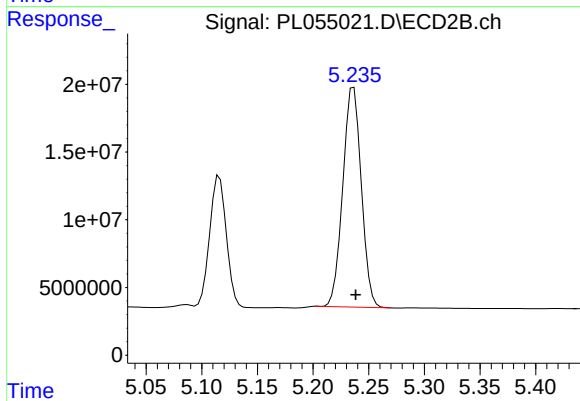
#3 gamma-BHC (Lindane)

R.T.: 4.727 min  
Delta R.T.: -0.002 min  
Response: 200982048  
Conc: 61.64 ng/ml



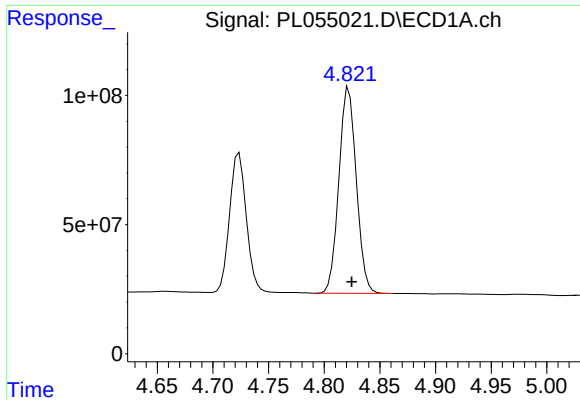
#4 Heptachlor

R.T.: 4.571 min  
Delta R.T.: -0.002 min  
Response: 923545894  
Conc: 52.37 ng/ml



#4 Heptachlor

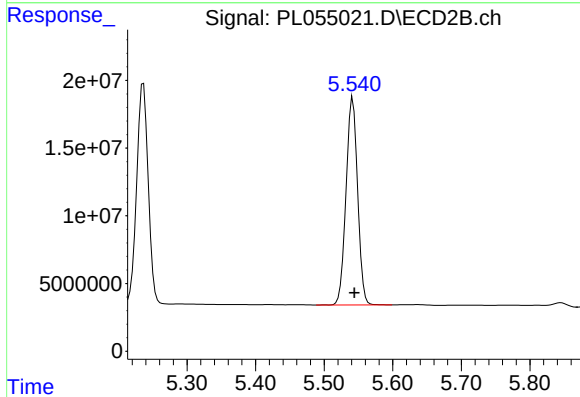
R.T.: 5.236 min  
Delta R.T.: -0.002 min  
Response: 187657338  
Conc: 62.18 ng/ml



#5 Aldrin

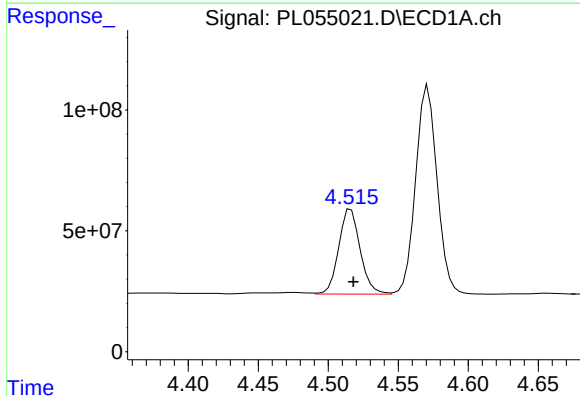
R.T.: 4.822 min  
Delta R.T.: -0.003 min  
Response: 869623819  
Conc: 53.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



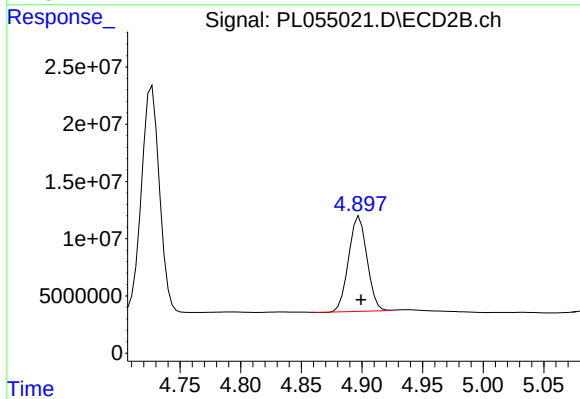
#5 Aldrin

R.T.: 5.542 min  
Delta R.T.: -0.002 min  
Response: 179552789  
Conc: 64.44 ng/ml



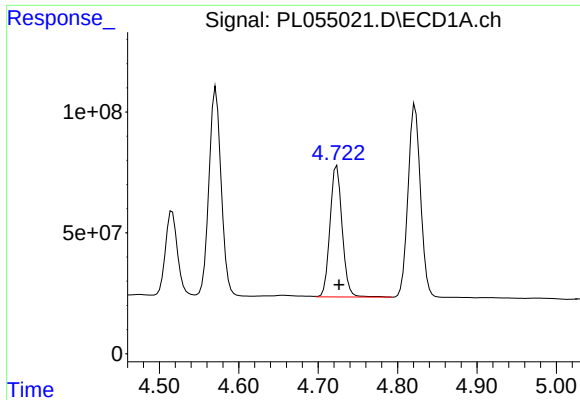
#6 beta-BHC

R.T.: 4.516 min  
Delta R.T.: -0.002 min  
Response: 375785594  
Conc: 50.67 ng/ml



#6 beta-BHC

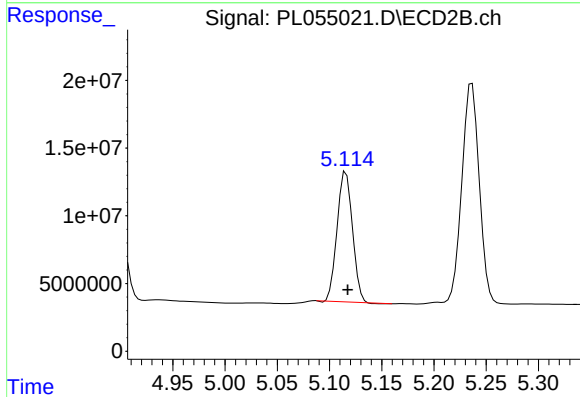
R.T.: 4.898 min  
Delta R.T.: -0.001 min  
Response: 87307352  
Conc: 62.00 ng/ml



#7 delta-BHC

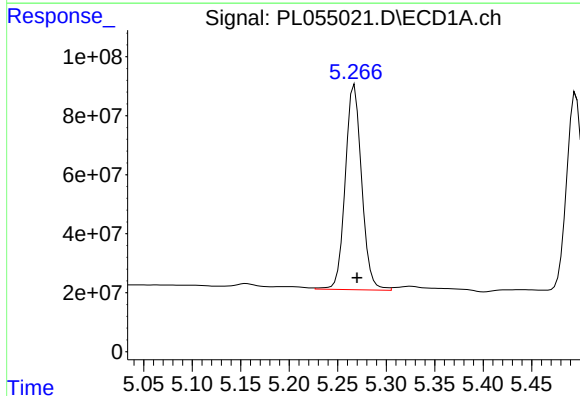
R.T.: 4.724 min  
Delta R.T.: -0.003 min  
Response: 574864445  
Conc: 35.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



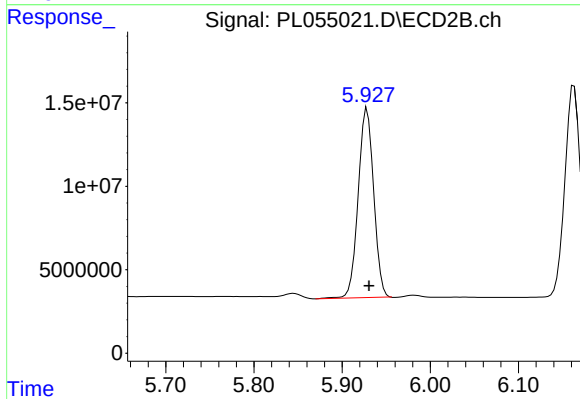
#7 delta-BHC

R.T.: 5.116 min  
Delta R.T.: -0.002 min  
Response: 98306540  
Conc: 36.87 ng/ml



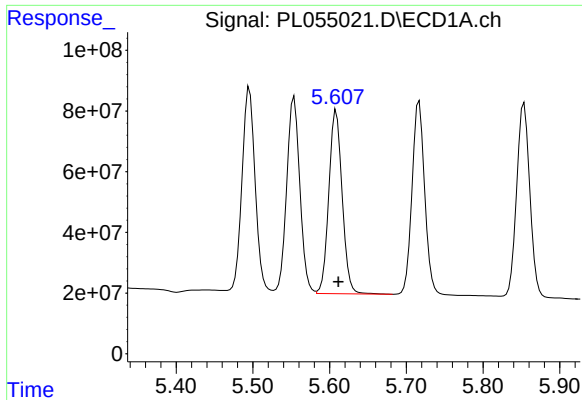
#8 Heptachlor epoxide

R.T.: 5.267 min  
Delta R.T.: -0.003 min  
Response: 816449021  
Conc: 53.98 ng/ml



#8 Heptachlor epoxide

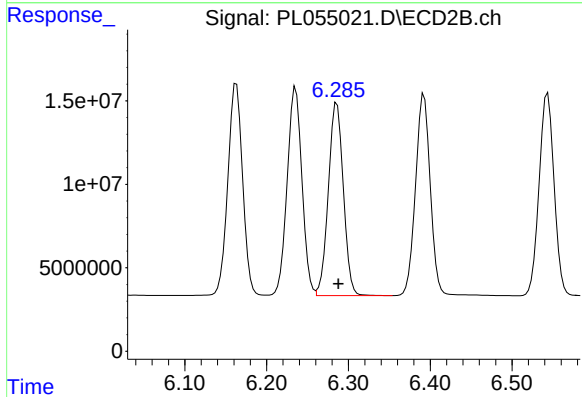
R.T.: 5.928 min  
Delta R.T.: -0.002 min  
Response: 138585303  
Conc: 55.47 ng/ml



#9 Endosulfan I

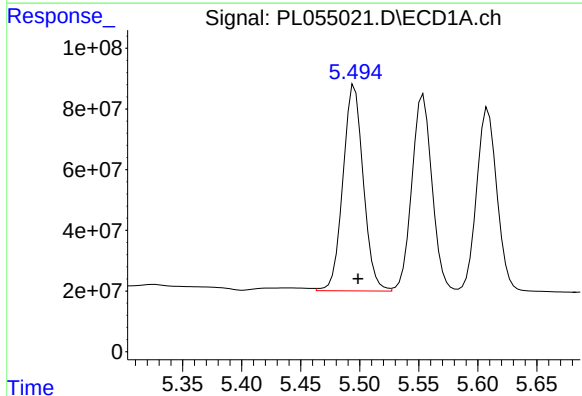
R.T.: 5.609 min  
Delta R.T.: -0.003 min  
Response: 730333232  
Conc: 53.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



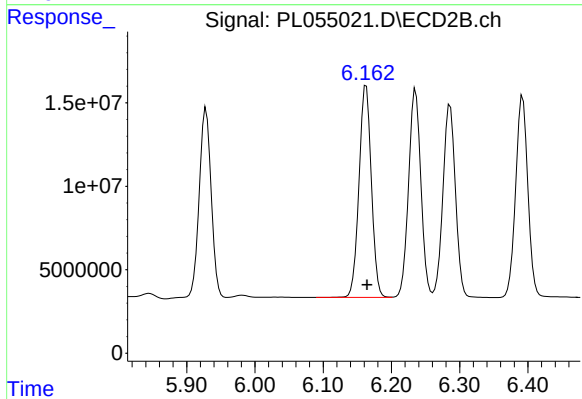
#9 Endosulfan I

R.T.: 6.286 min  
Delta R.T.: -0.002 min  
Response: 147425739  
Conc: 59.60 ng/ml



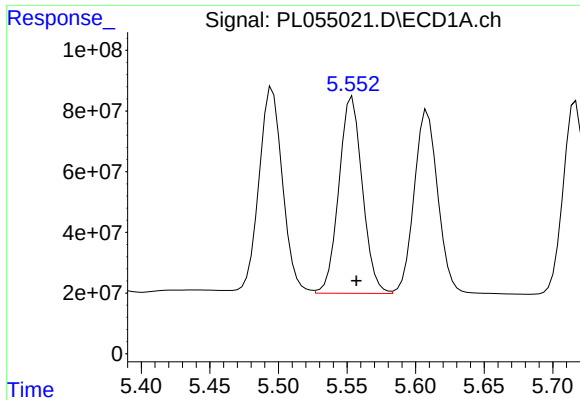
#10 gamma-Chlordane

R.T.: 5.496 min  
Delta R.T.: -0.003 min  
Response: 814135850  
Conc: 53.69 ng/ml



#10 gamma-Chlordane

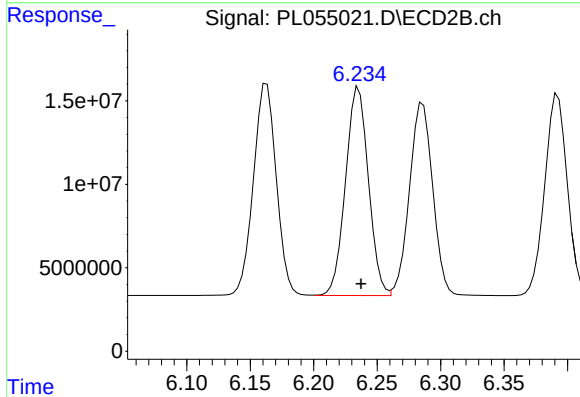
R.T.: 6.163 min  
Delta R.T.: -0.002 min  
Response: 159506511  
Conc: 60.55 ng/ml



#11 alpha-Chlordane

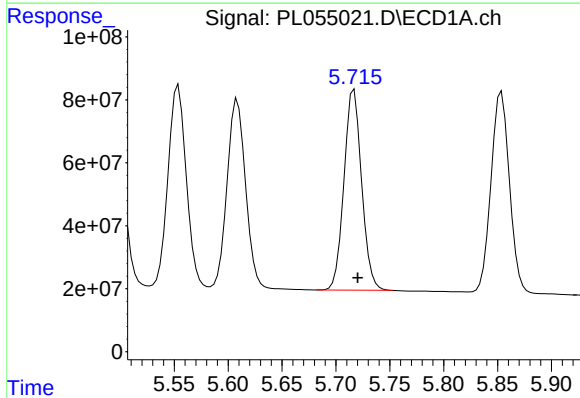
R.T.: 5.554 min  
Delta R.T.: -0.003 min  
Response: 773641143  
Conc: 52.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



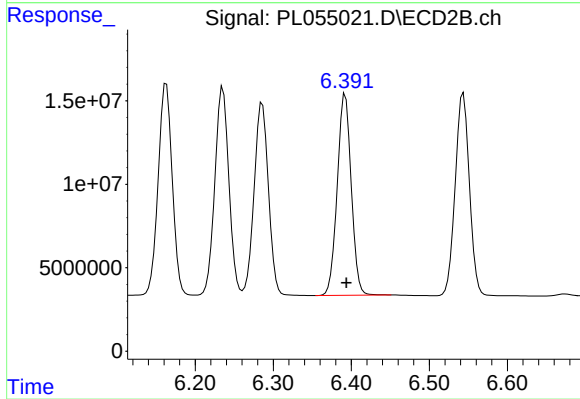
#11 alpha-Chlordane

R.T.: 6.235 min  
Delta R.T.: -0.002 min  
Response: 156581269  
Conc: 59.63 ng/ml



#12 4,4'-DDE

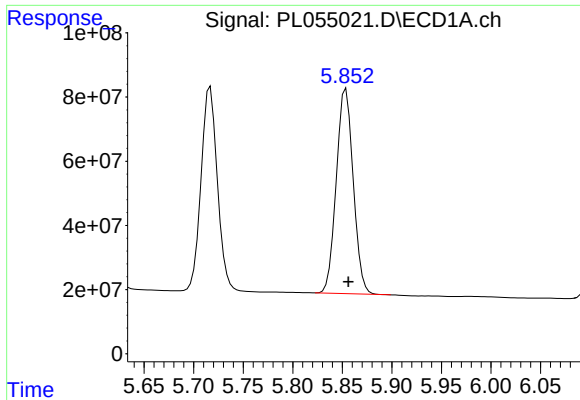
R.T.: 5.717 min  
Delta R.T.: -0.003 min  
Response: 723694531  
Conc: 54.39 ng/ml



#12 4,4'-DDE

R.T.: 6.392 min  
Delta R.T.: -0.001 min  
Response: 150244868  
Conc: 60.70 ng/ml

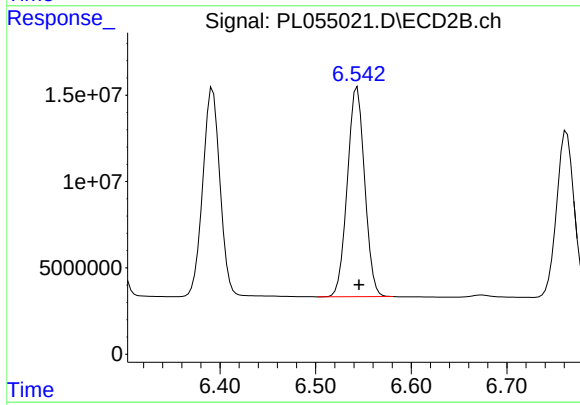




#13 Dieldrin

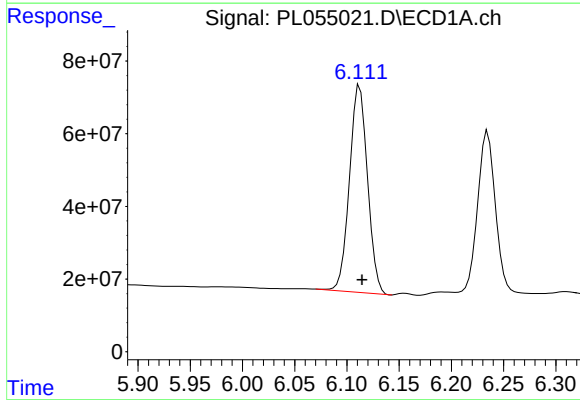
R.T.: 5.854 min  
Delta R.T.: -0.002 min  
Response: 759195350  
Conc: 53.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



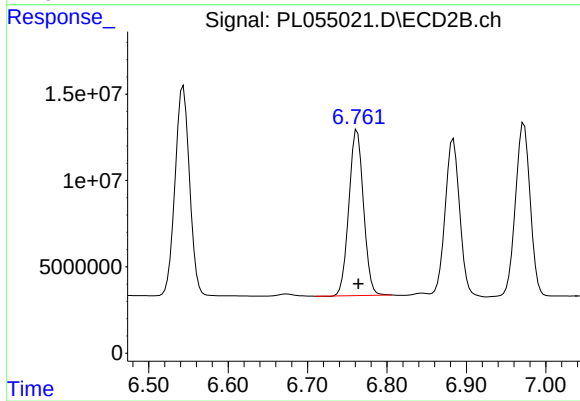
#13 Dieldrin

R.T.: 6.544 min  
Delta R.T.: -0.002 min  
Response: 153282892  
Conc: 60.22 ng/ml



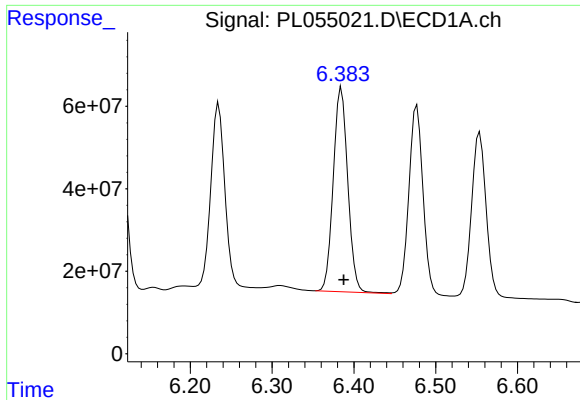
#14 Endrin

R.T.: 6.112 min  
Delta R.T.: -0.002 min  
Response: 686439074  
Conc: 53.91 ng/ml



#14 Endrin

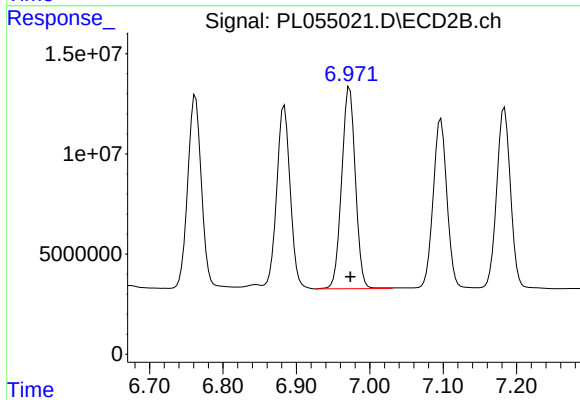
R.T.: 6.762 min  
Delta R.T.: -0.002 min  
Response: 122850585  
Conc: 55.45 ng/ml



#15 Endosulfan II

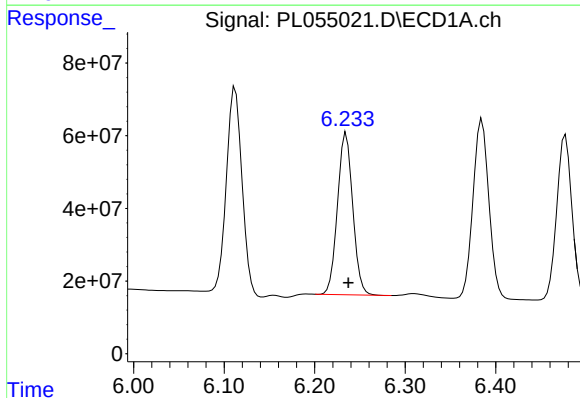
R.T.: 6.385 min  
Delta R.T.: -0.003 min  
Response: 610878155  
Conc: 50.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



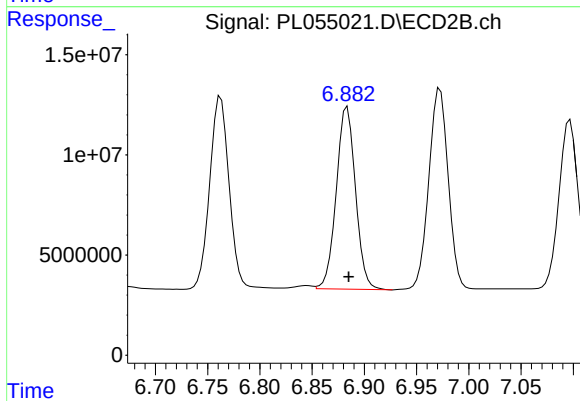
#15 Endosulfan II

R.T.: 6.973 min  
Delta R.T.: -0.001 min  
Response: 130938453  
Conc: 55.69 ng/ml



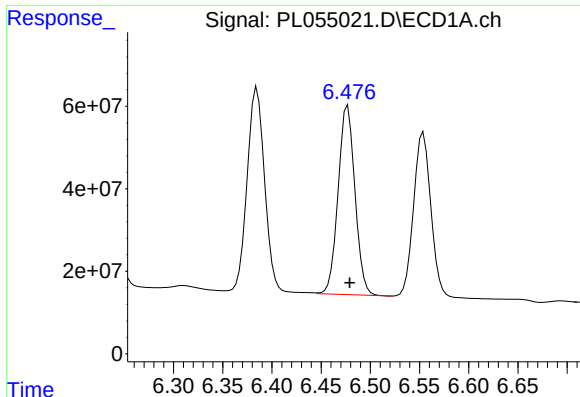
#16 4,4'-DDD

R.T.: 6.235 min  
Delta R.T.: -0.002 min  
Response: 521833565  
Conc: 53.43 ng/ml



#16 4,4'-DDD

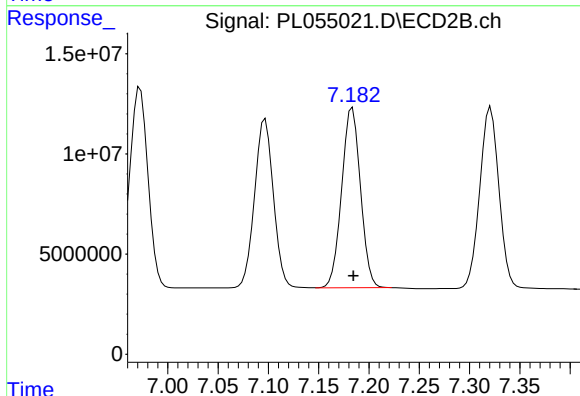
R.T.: 6.884 min  
Delta R.T.: -0.001 min  
Response: 116383930  
Conc: 60.61 ng/ml



#17 4,4'-DDT

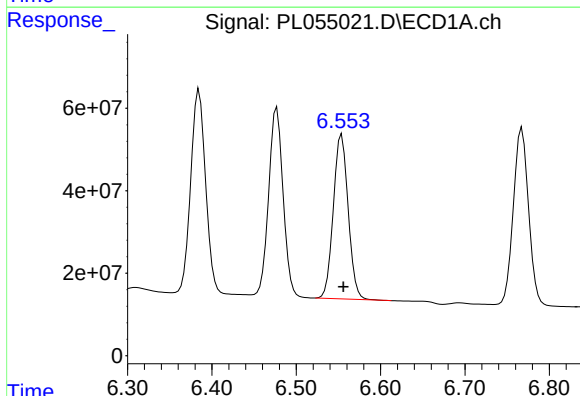
R.T.: 6.477 min  
Delta R.T.: -0.002 min  
Response: 546083362  
Conc: 52.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



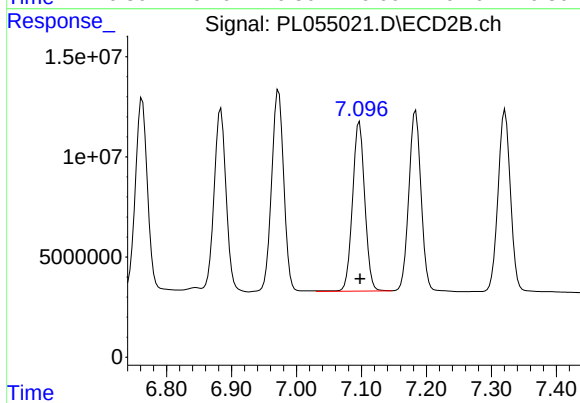
#17 4,4'-DDT

R.T.: 7.184 min  
Delta R.T.: -0.001 min  
Response: 116744866  
Conc: 58.92 ng/ml



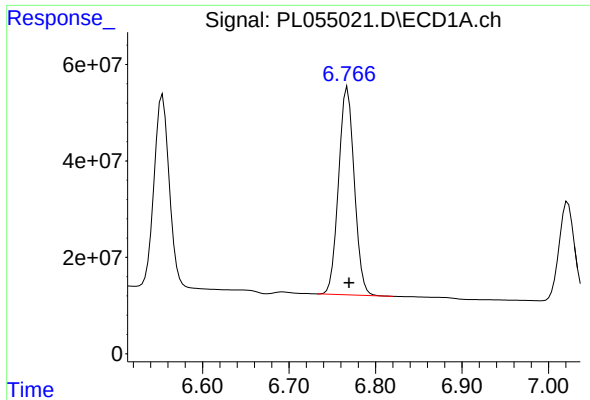
#18 Endrin aldehyde

R.T.: 6.554 min  
Delta R.T.: -0.002 min  
Response: 485559373  
Conc: 49.03 ng/ml



#18 Endrin aldehyde

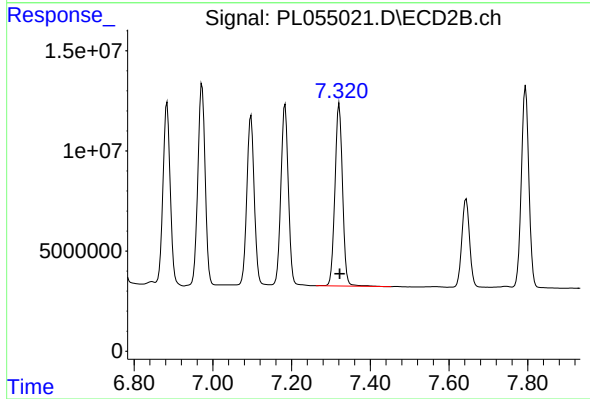
R.T.: 7.097 min  
Delta R.T.: 0.000 min  
Response: 110952055  
Conc: 56.60 ng/ml



#19 Endosulfan Sulfate

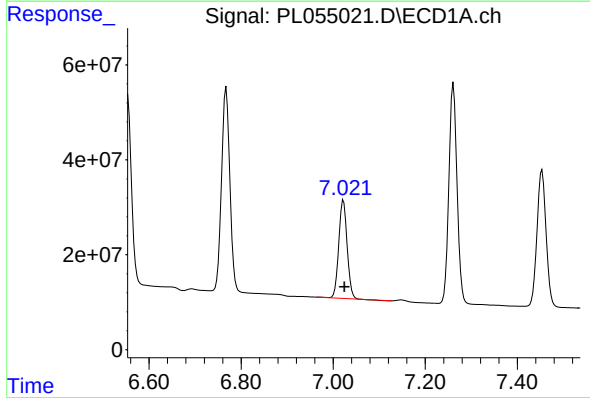
R.T.: 6.768 min  
Delta R.T.: -0.002 min  
Response: 539288728  
Conc: 50.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



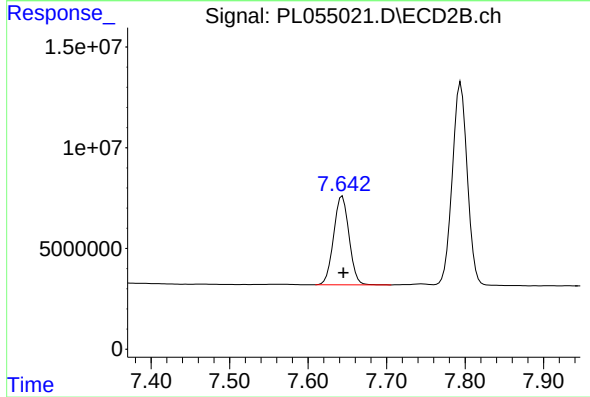
#19 Endosulfan Sulfate

R.T.: 7.321 min  
Delta R.T.: 0.000 min  
Response: 122367160  
Conc: 57.71 ng/ml



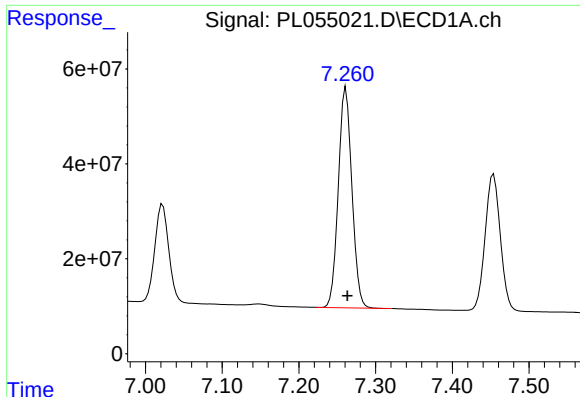
#20 Methoxychlor

R.T.: 7.022 min  
Delta R.T.: -0.002 min  
Response: 260650511  
Conc: 52.01 ng/ml



#20 Methoxychlor

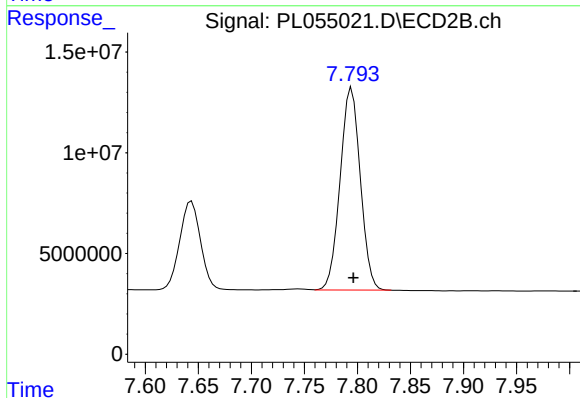
R.T.: 7.644 min  
Delta R.T.: -0.001 min  
Response: 60177279  
Conc: 52.76 ng/ml



#21 Endrin ketone

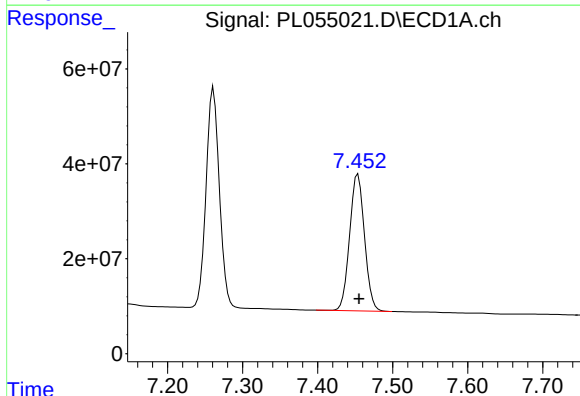
R.T.: 7.261 min  
Delta R.T.: -0.002 min  
Response: 570864167  
Conc: 52.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



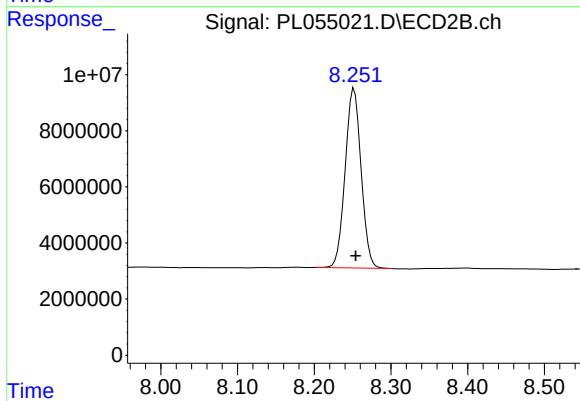
#21 Endrin ketone

R.T.: 7.795 min  
Delta R.T.: -0.002 min  
Response: 132728033  
Conc: 58.97 ng/ml



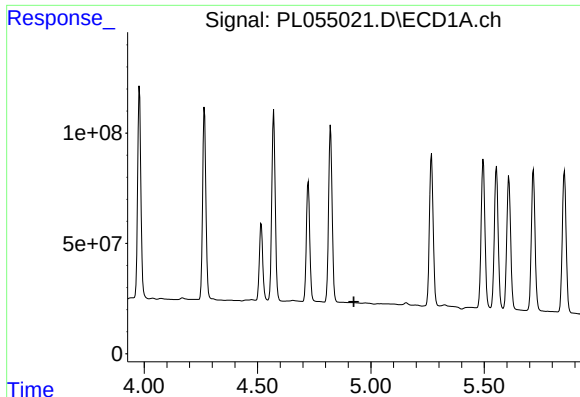
#22 Mirex

R.T.: 7.454 min  
Delta R.T.: -0.002 min  
Response: 396621685  
Conc: 48.85 ng/ml



#22 Mirex

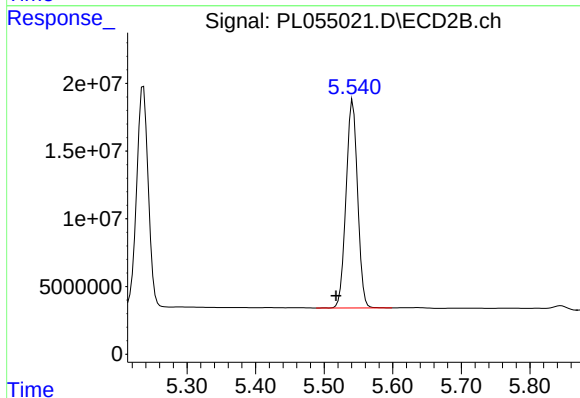
R.T.: 8.252 min  
Delta R.T.: -0.002 min  
Response: 92918163  
Conc: 53.76 ng/ml



#24 Chlordane-2

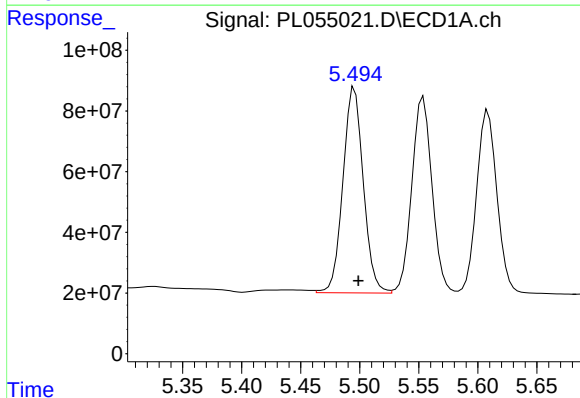
R.T.: 0.000 min  
Exp R.T.: 4.924 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



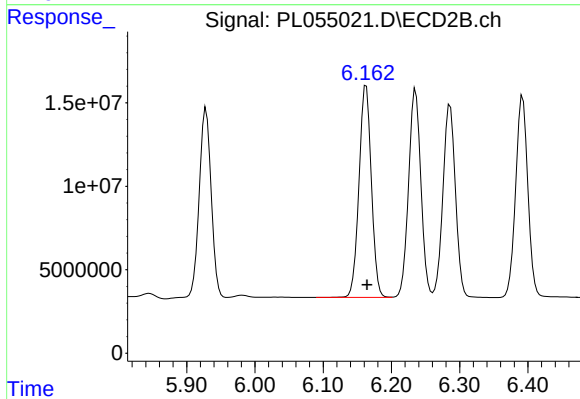
#24 Chlordane-2

R.T.: 5.542 min  
Delta R.T.: 0.025 min  
Response: 179552789  
Conc: 2003.40 ng/ml



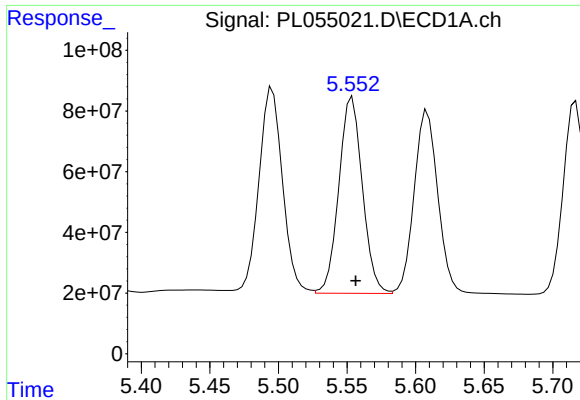
#25 Chlordane-3

R.T.: 5.496 min  
Delta R.T.: -0.003 min  
Response: 814135850  
Conc: 634.00 ng/ml



#25 Chlordane-3

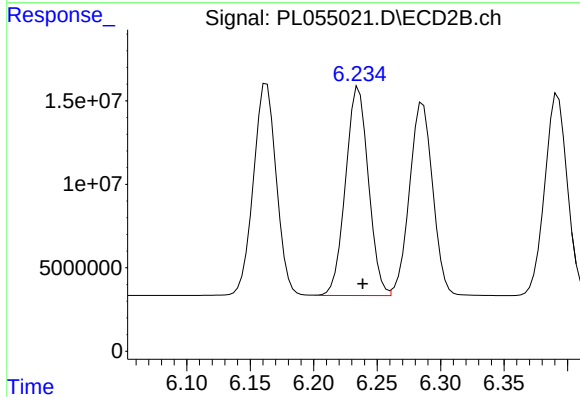
R.T.: 6.163 min  
Delta R.T.: -0.001 min  
Response: 159506511  
Conc: 513.87 ng/ml



#26 Chlordane-4

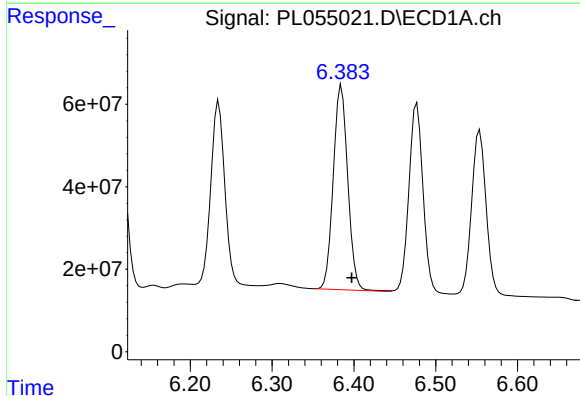
R.T.: 5.554 min  
Delta R.T.: -0.002 min  
Response: 773641143  
Conc: 732.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



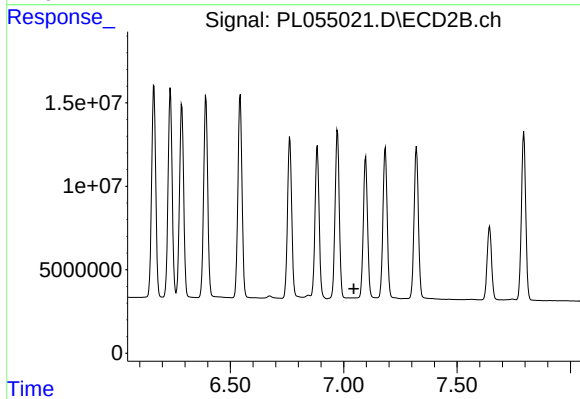
#26 Chlordane-4

R.T.: 6.235 min  
Delta R.T.: -0.003 min  
Response: 156581269  
Conc: 416.12 ng/ml



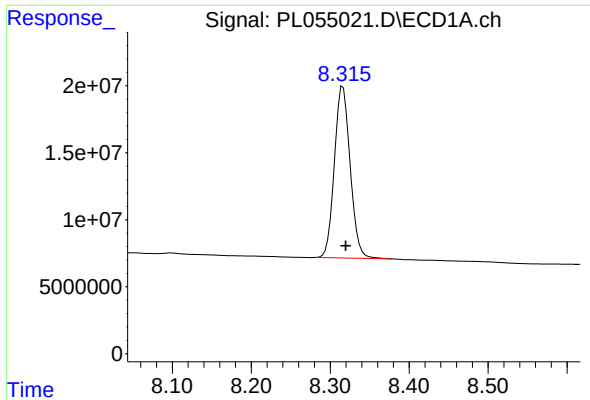
#27 Chlordane-5

R.T.: 6.385 min  
Delta R.T.: -0.013 min  
Response: 610878155  
Conc: 1622.51 ng/ml



#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 7.045 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

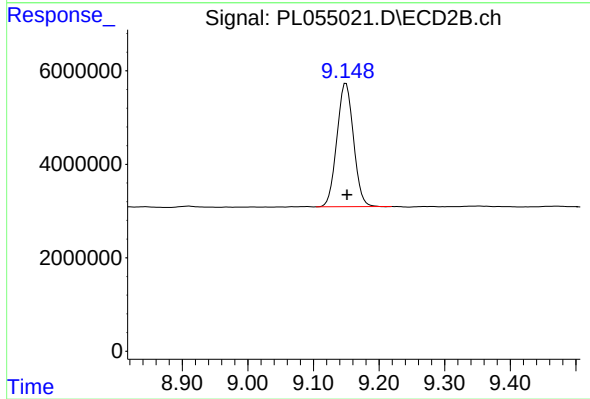
R.T.: 8.316 min

Delta R.T.: -0.003 min

Response: 177889566

Conc: 18.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.150 min

Delta R.T.: -0.002 min

Response: 46509970

Conc: 19.40 ng/ml