

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030220\  
 Data File : PL056954.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Mar 2020 21:56  
 Operator : AJ\MA  
 Sample : L1743-04MSD  
 Misc :  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 03 06:01:31 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022720.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 27 13:35:45 2020  
 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... | 3.498  | 4.003  | 482.4E6     | 218.4E6   | 26.976    | 40.746 #    |
| 28)                         | SA Decachlor... | 8.283f | 9.069  | 2234.9E6    | 111.2E6   | 112.516   | 26.278 #    |
| Target Compounds            |                 |        |        |             |           |           |             |
| 2)                          | A alpha-BHC     | 3.937  | 4.397  | 1421.8E6    | 3012.8E6  | 46.707    | 365.658 #   |
| 3)                          | MA gamma-BHC... | 4.221  | 4.695  | 1887.8E6    | 622.6E6   | 65.674    | 81.210      |
| 4)                          | MA Heptachlor   | 4.514  | 5.182  | 33977.5E6   | 24065.3E6 | 1208.654  | 3741.425 #  |
| 5)                          | MB Aldrin       | 4.779  | 5.517  | 8644.4E6    | 1008.7E6  | 307.771   | 151.864 #   |
| 6)                          | B beta-BHC      | 4.471  | 4.871  | 636.3E6     | 132.9E6   | 56.393    | 39.839 #    |
| 7)                          | B delta-BHC     | 4.678  | 5.065  | 14870.7E6   | 3675811   | 529.309   | 0.582 #     |
| 8)                          | B Heptachlo...  | 0.000  | 5.892  | 0 6930.5E6  | N.D.      | 1161.987  | #           |
| 9)                          | A Endosulfan I  | 5.536  | 6.226  | 2938.1E6    | 926.5E6   | 118.053   | 165.131 #   |
| 10)                         | B gamma-Chl...  | 0.000  | 6.101f | 0 34427.2E6 | N.D.      | 5744.043  | #           |
| 11)                         | B alpha-Chl...  | 0.000  | 6.184  | 0 37828.1E6 | N.D.      | 6358.762  | #           |
| 12)                         | B 4,4'-DDE      | 5.669  | 6.368  | 505.4E6     | 241.4E6   | 19.637    | 41.468 #    |
| 13)                         | MA Dieldrin     | 5.786  | 6.485  | 9664.0E6    | 4679.2E6  | 356.579   | 786.118 #   |
| 14)                         | MA Endrin       | 6.048  | 6.730  | 11996.3E6   | 1986.4E6  | 492.412   | 386.797     |
| 15)                         | B Endosulfa...  | 6.334  | 6.926  | 38932.7E6   | 2011.1E6  | 1808.567  | 376.792 #   |
| 16)                         | A 4,4'-DDD      | 6.182  | 6.846  | 736.6E6     | 4737.9E6  | 37.432    | 984.895 #   |
| 17)                         | MA 4,4'-DDT     | 6.423  | 7.138  | 2659.9E6    | 1364.7E6  | 132.488   | 298.977 #   |
| 18)                         | B Endrin al...  | 6.501  | 7.031f | 1814.3E6    | 2356.9E6  | 91.702    | 534.415 #   |
| 19)                         | B Endosulfa...  | 6.714  | 7.265  | -613478380  | 875.3E6   | N.D.      | 181.187     |
| 20)                         | A Methoxychlor  | 6.971  | 7.614  | 877.3E6     | 219.0E6   | 84.688    | 93.633      |
| 21)                         | B Endrin ke...  | 7.200  | 7.746  | 1642.7E6    | 508.4E6   | 66.690    | 98.773 #    |
| 22)                         | Mirex           | 7.391  | 8.189  | 365.9E6     | 284.1E6   | 25.800    | 84.300 #    |
| 23)                         | Chlordane-1     | 4.378  | 4.995f | 34629.9E6   | 15103.3E6 | 49728.139 | 76209.810 # |
| 24)                         | Chlordane-2     | 4.867  | 5.466f | 20699.1E6   | 19671.2E6 | 26658.906 | 94348.641 # |
| 25)                         | Chlordane-3     | 0.000  | 6.101f | 0 34427.2E6 | N.D.      | 45184.380 | #           |
| 26)                         | Chlordane-4     | 0.000  | 6.184f | 0 37828.1E6 | N.D.      | 42584.084 | #           |
| 27)                         | Chlordane-5     | 6.334  | 7.031f | 38932.7E6   | 2356.9E6  | 47006.191 | 13831.936 # |
| -----                       |                 |        |        |             |           |           |             |

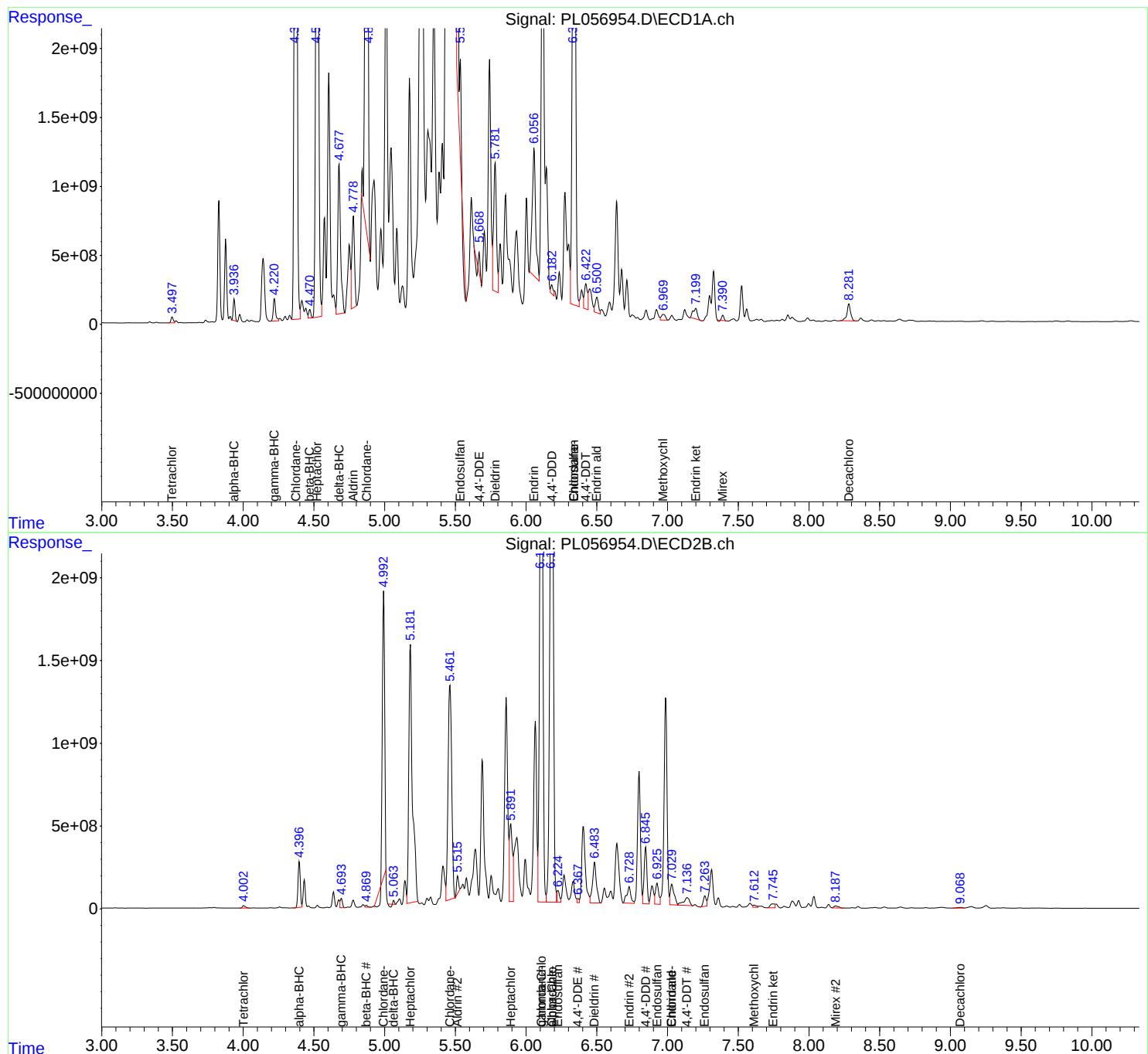
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

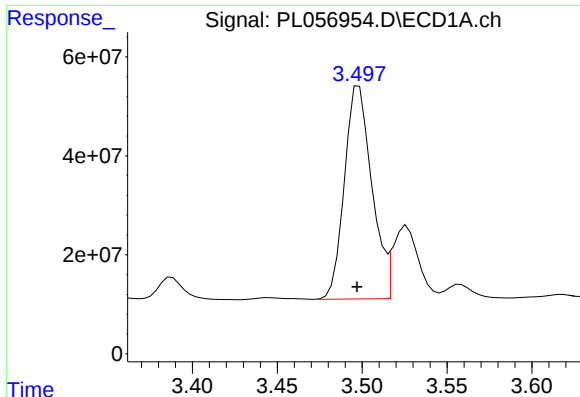
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030220\  
Data File : PL056954.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 02 Mar 2020 21:56  
Operator : AJ\MA  
Sample : L1743-04MSD  
Misc :  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 03 06:01:31 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022720.M  
Quant Title : GC Extractables  
QLast Update : Thu Feb 27 13:35:45 2020  
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

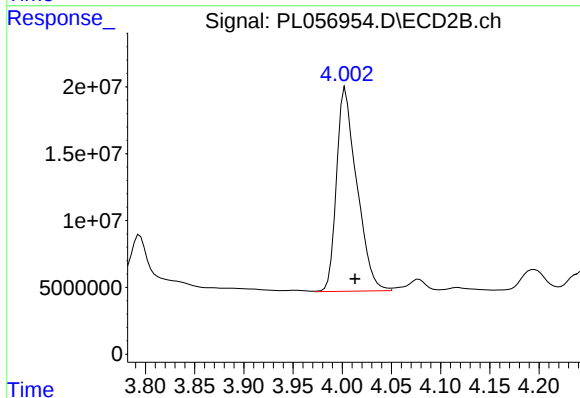




#1 Tetrachloro-m-xylene

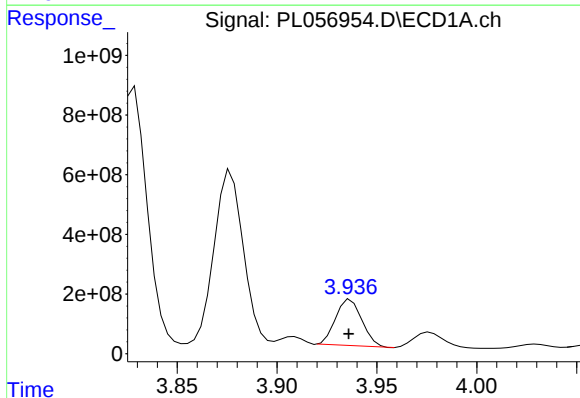
R.T.: 3.498 min  
Delta R.T.: 0.001 min  
Response: 482414288  
Conc: 26.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



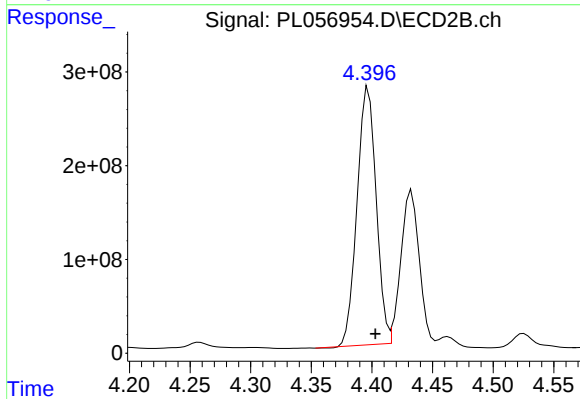
#1 Tetrachloro-m-xylene

R.T.: 4.003 min  
Delta R.T.: -0.010 min  
Response: 218353668  
Conc: 40.75 ng/ml



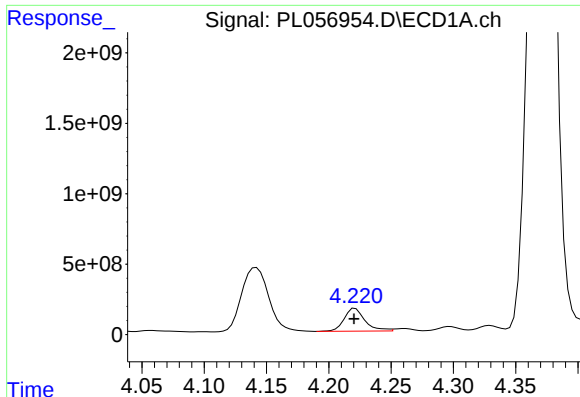
#2 alpha-BHC

R.T.: 3.937 min  
Delta R.T.: 0.001 min  
Response: 1421788832  
Conc: 46.71 ng/ml



#2 alpha-BHC

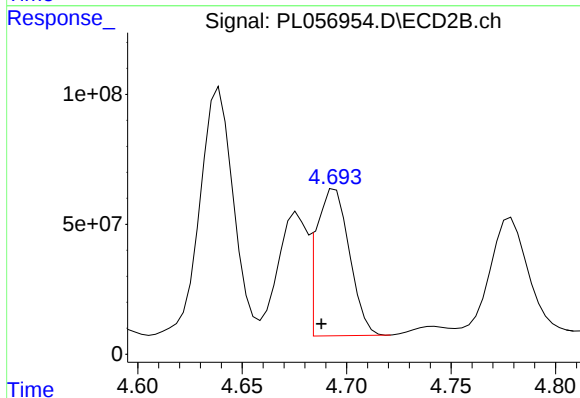
R.T.: 4.397 min  
Delta R.T.: -0.006 min  
Response: 3012835695  
Conc: 365.66 ng/ml



#3 gamma-BHC (Lindane)

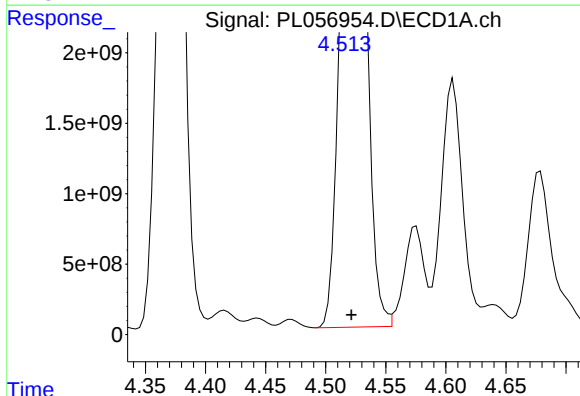
R.T.: 4.221 min  
Delta R.T.: 0.000 min  
Response: 1887757763  
Conc: 65.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



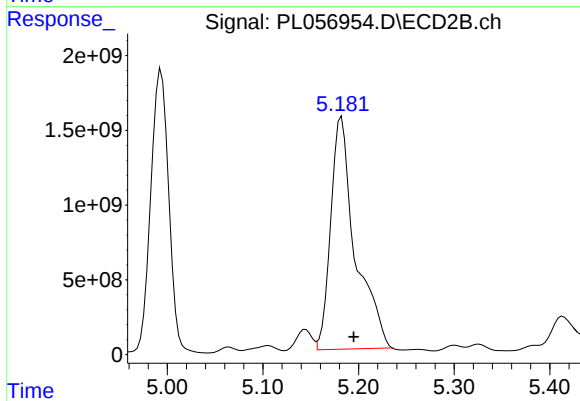
#3 gamma-BHC (Lindane)

R.T.: 4.695 min  
Delta R.T.: 0.007 min  
Response: 622625483  
Conc: 81.21 ng/ml



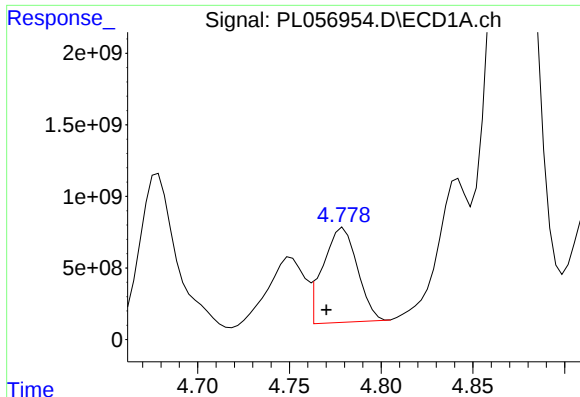
#4 Heptachlor

R.T.: 4.514 min  
Delta R.T.: -0.007 min  
Response: 33977547229  
Conc: 1208.65 ng/ml



#4 Heptachlor

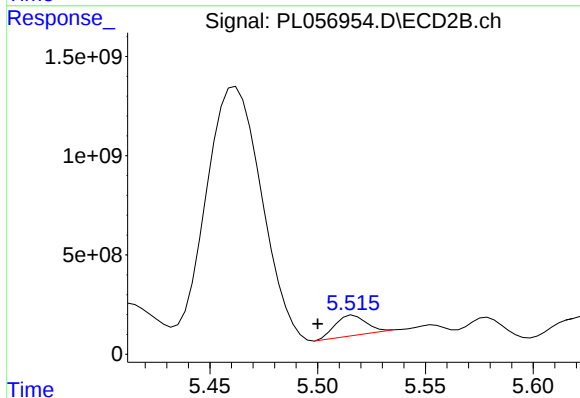
R.T.: 5.182 min  
Delta R.T.: -0.013 min  
Response: 24065264490  
Conc: 3741.43 ng/ml



#5 Aldrin

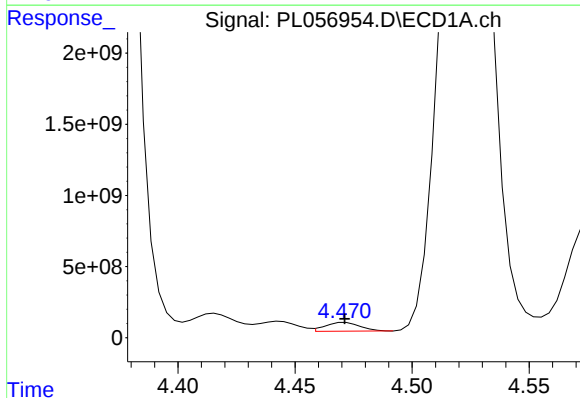
R.T.: 4.779 min  
Delta R.T.: 0.009 min  
Response: 8644410259  
Conc: 307.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



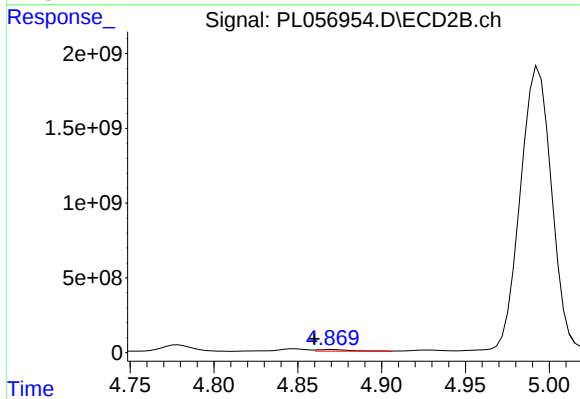
#5 Aldrin

R.T.: 5.517 min  
Delta R.T.: 0.017 min  
Response: 1008673790  
Conc: 151.86 ng/ml



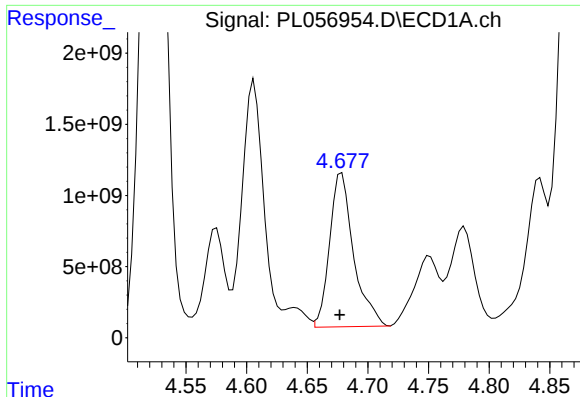
#6 beta-BHC

R.T.: 4.471 min  
Delta R.T.: 0.000 min  
Response: 636267157  
Conc: 56.39 ng/ml



#6 beta-BHC

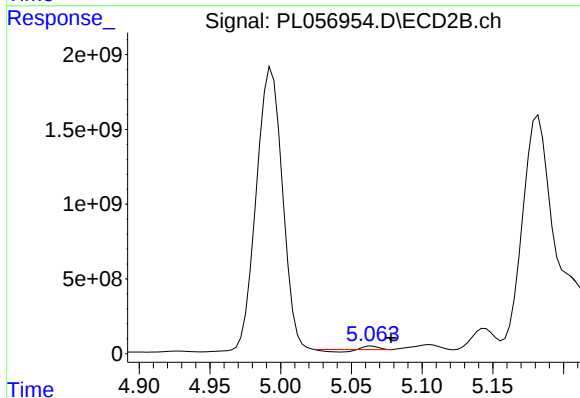
R.T.: 4.871 min  
Delta R.T.: 0.011 min  
Response: 132886098  
Conc: 39.84 ng/ml



#7 delta-BHC

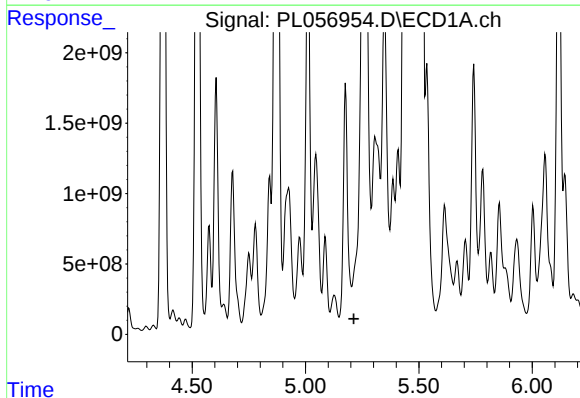
R.T.: 4.678 min  
Delta R.T.: 0.002 min  
Response: 14870696154  
Conc: 529.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



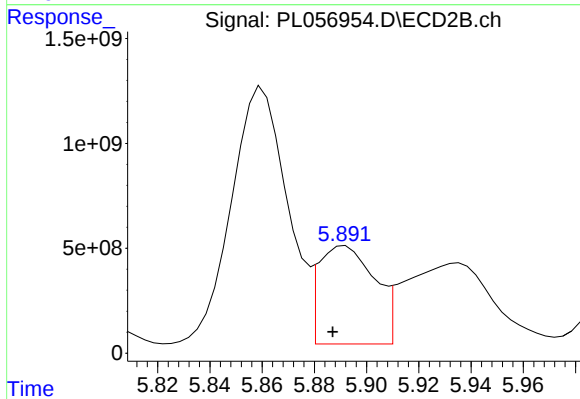
#7 delta-BHC

R.T.: 5.065 min  
Delta R.T.: -0.013 min  
Response: 3675811  
Conc: 0.58 ng/ml



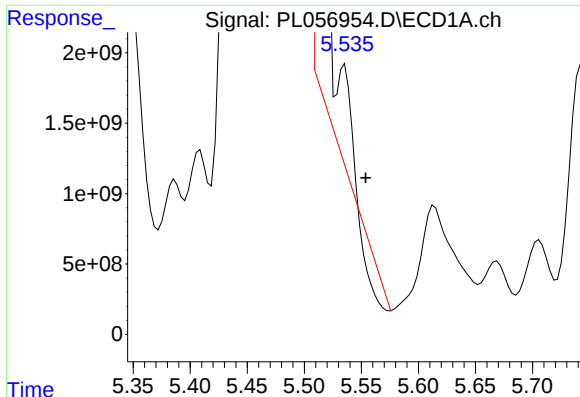
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.214 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

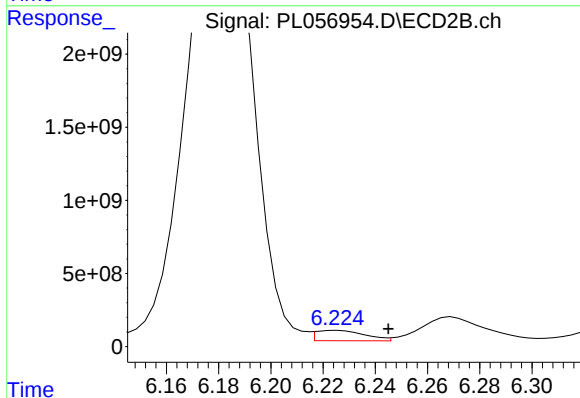
R.T.: 5.892 min  
Delta R.T.: 0.005 min  
Response: 6930477517  
Conc: 1161.99 ng/ml



#9 Endosulfan I

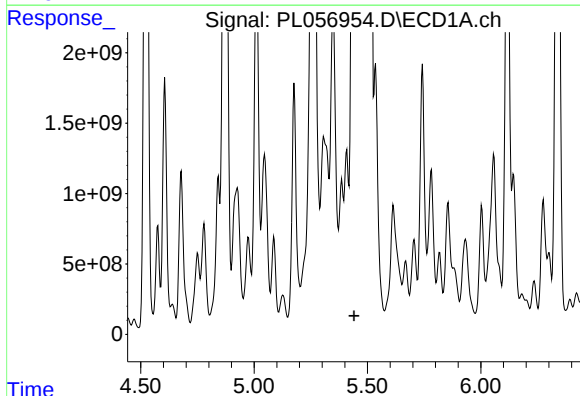
R.T.: 5.536 min  
Delta R.T.: -0.018 min  
Response: 2938083519  
Conc: 118.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



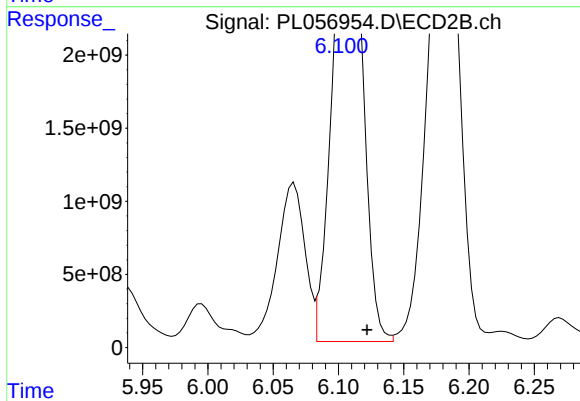
#9 Endosulfan I

R.T.: 6.226 min  
Delta R.T.: -0.019 min  
Response: 926549865  
Conc: 165.13 ng/ml



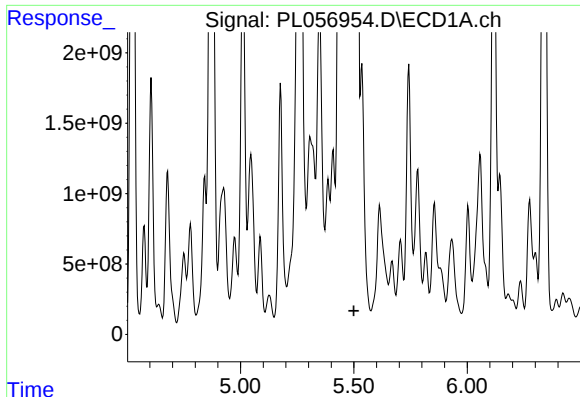
#10 gamma-Chlordane

R.T.: 0.000 min  
Exp R.T. : 5.441 min  
Response: 0  
Conc: N.D.



#10 gamma-Chlordane

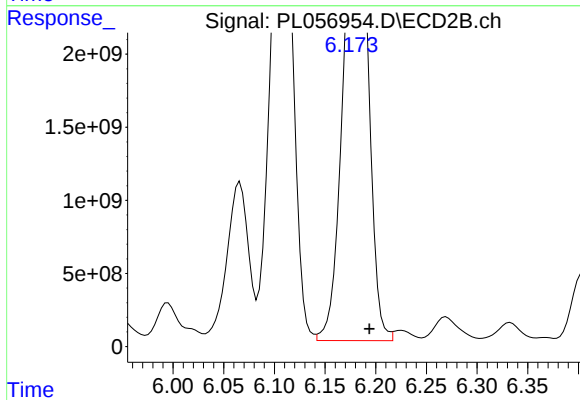
R.T.: 6.101 min  
Delta R.T.: -0.021 min  
Response: 34427192782  
Conc: 5744.04 ng/ml



#11 alpha-Chlordane

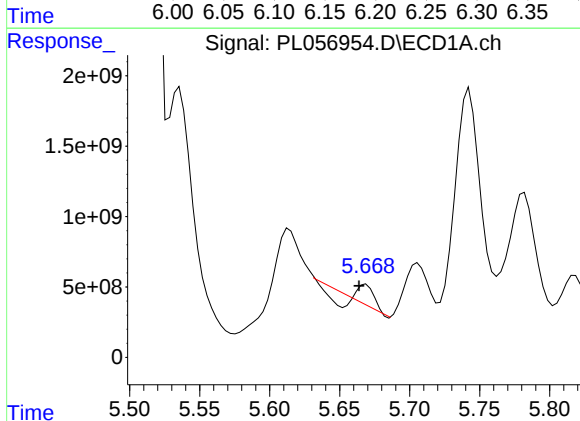
R.T.: 0.000 min  
Exp R.T.: 5.499 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



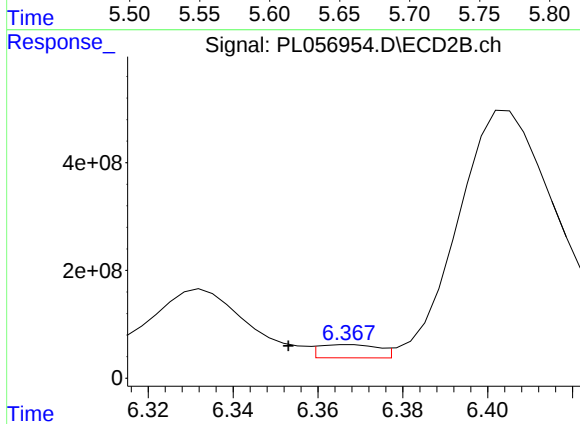
#11 alpha-Chlordane

R.T.: 6.184 min  
Delta R.T.: -0.010 min  
Response: 37828073448  
Conc: 6358.76 ng/ml



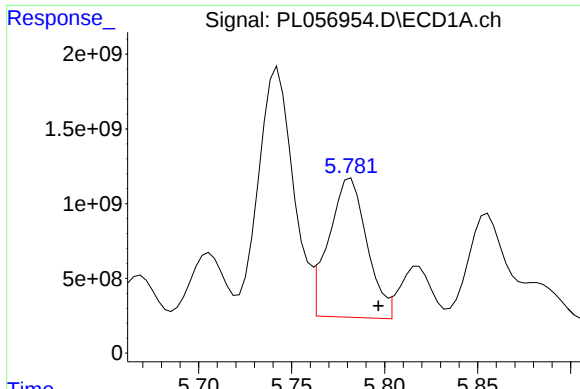
#12 4,4'-DDE

R.T.: 5.669 min  
Delta R.T.: 0.005 min  
Response: 505384930  
Conc: 19.64 ng/ml



#12 4,4'-DDE

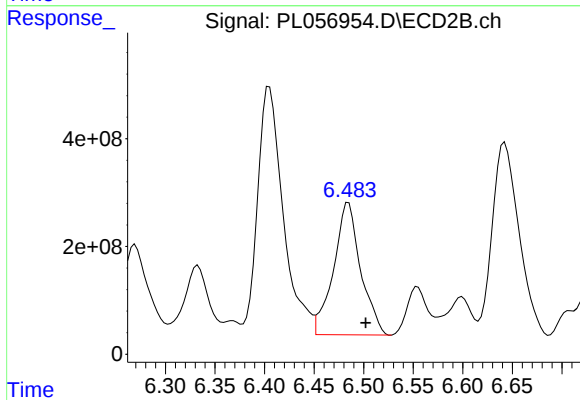
R.T.: 6.368 min  
Delta R.T.: 0.015 min  
Response: 241425747  
Conc: 41.47 ng/ml



#13 Dieldrin

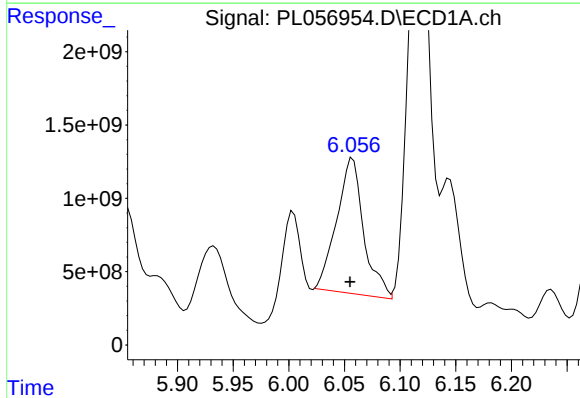
R.T.: 5.786 min  
Delta R.T.: -0.011 min  
Response: 9663998346  
Conc: 356.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



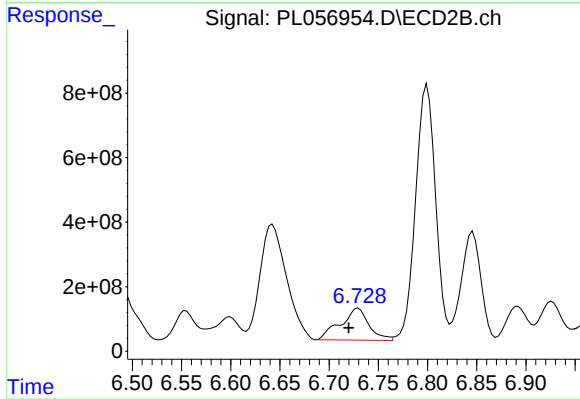
#13 Dieldrin

R.T.: 6.485 min  
Delta R.T.: -0.017 min  
Response: 4679225527  
Conc: 786.12 ng/ml



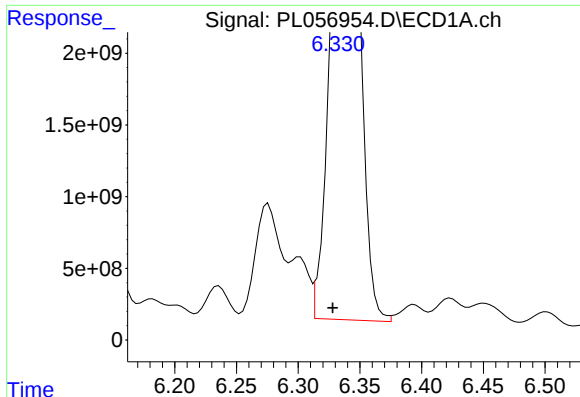
#14 Endrin

R.T.: 6.048 min  
Delta R.T.: -0.007 min  
Response: 11996331689  
Conc: 492.41 ng/ml



#14 Endrin

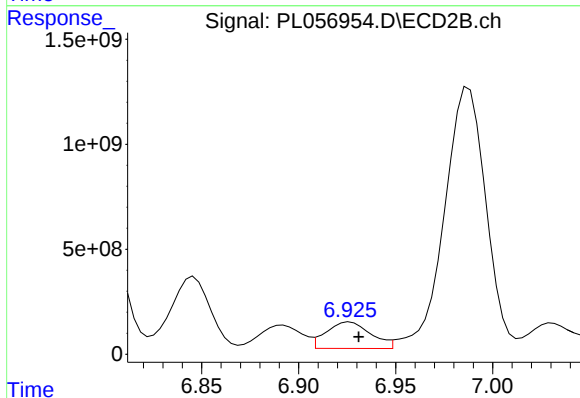
R.T.: 6.730 min  
Delta R.T.: 0.010 min  
Response: 1986406533  
Conc: 386.80 ng/ml



#15 Endosulfan II

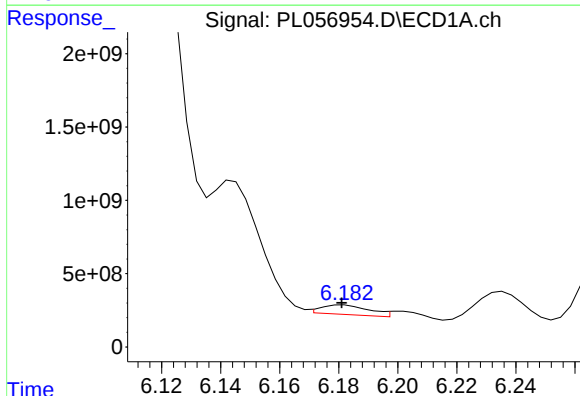
R.T.: 6.334 min  
Delta R.T.: 0.006 min  
Response: 38932730701  
Conc: 1808.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



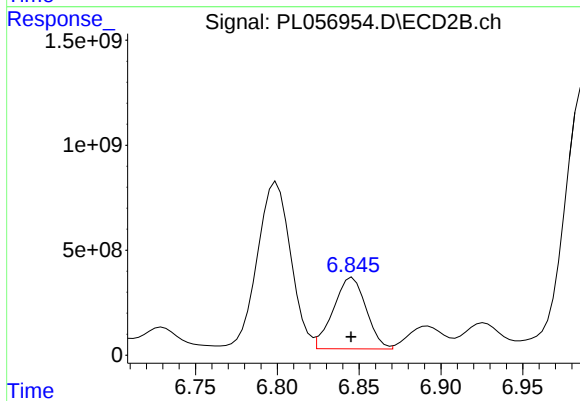
#15 Endosulfan II

R.T.: 6.926 min  
Delta R.T.: -0.005 min  
Response: 2011078410  
Conc: 376.79 ng/ml



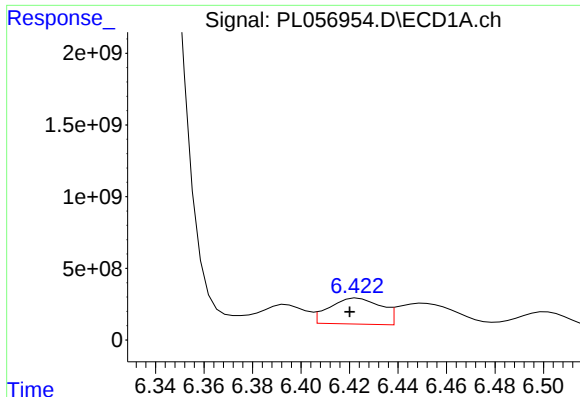
#16 4,4'-DDD

R.T.: 6.182 min  
Delta R.T.: 0.000 min  
Response: 736623986  
Conc: 37.43 ng/ml



#16 4,4'-DDD

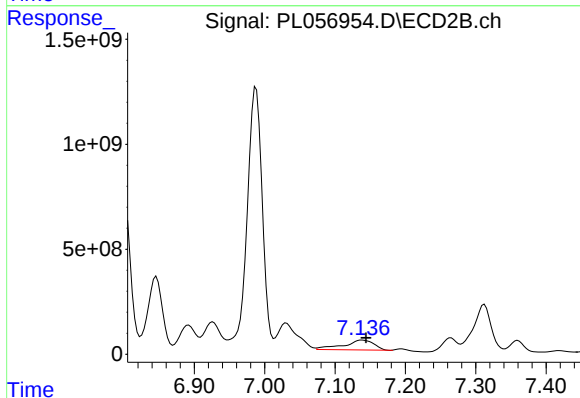
R.T.: 6.846 min  
Delta R.T.: 0.001 min  
Response: 4737857498  
Conc: 984.90 ng/ml



#17 4,4'-DDT

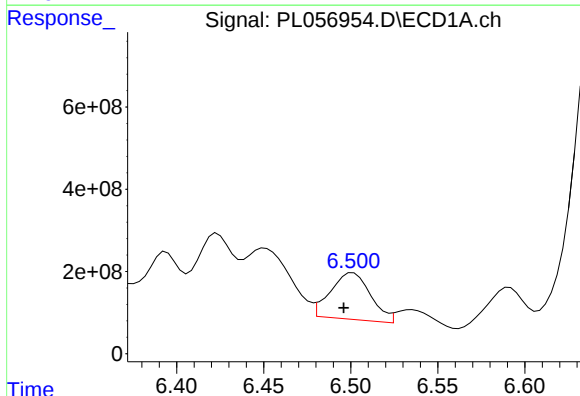
R.T.: 6.423 min  
Delta R.T.: 0.003 min  
Response: 2659890141  
Conc: 132.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



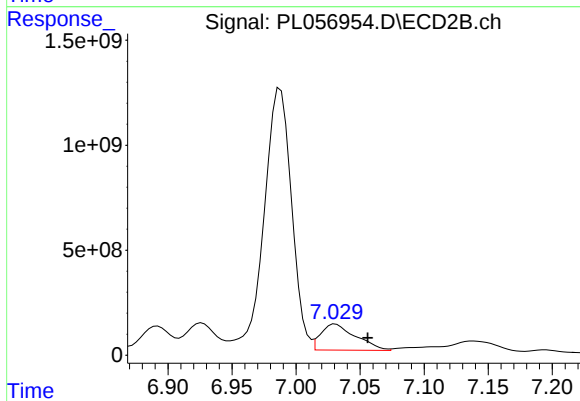
#17 4,4'-DDT

R.T.: 7.138 min  
Delta R.T.: -0.006 min  
Response: 1364670721  
Conc: 298.98 ng/ml



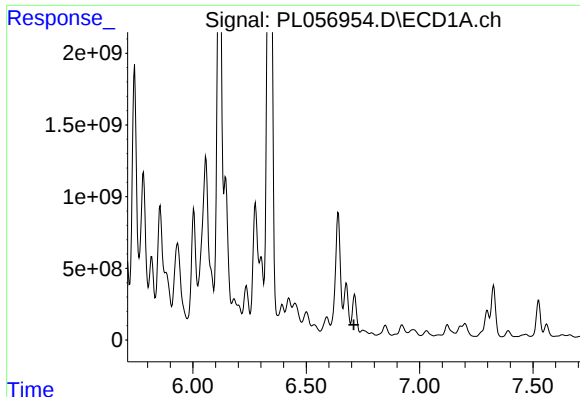
#18 Endrin aldehyde

R.T.: 6.501 min  
Delta R.T.: 0.005 min  
Response: 1814318609  
Conc: 91.70 ng/ml



#18 Endrin aldehyde

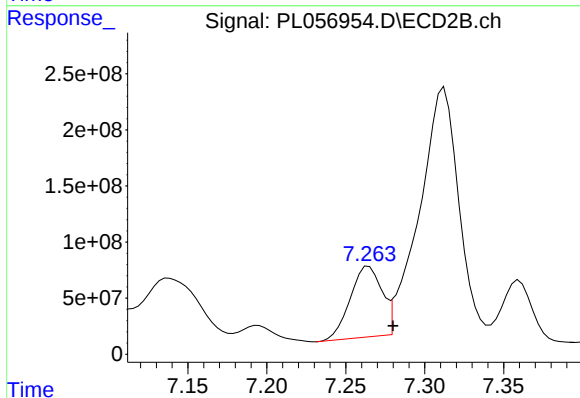
R.T.: 7.031 min  
Delta R.T.: -0.025 min  
Response: 2356922247  
Conc: 534.41 ng/ml



#19 Endosulfan Sulfate

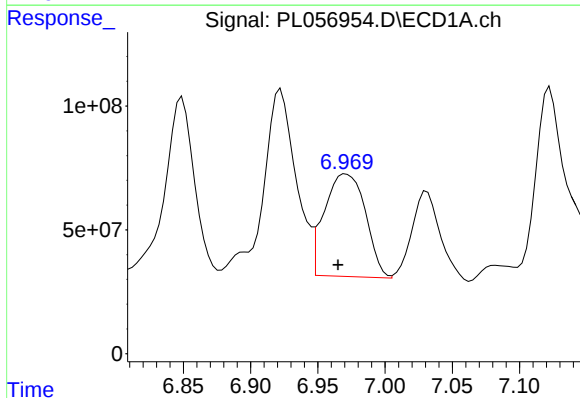
R.T.: 6.714 min  
Delta R.T.: 0.004 min  
Response: -613478380  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



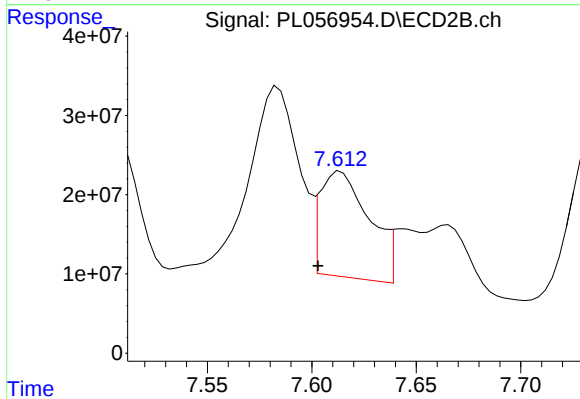
#19 Endosulfan Sulfate

R.T.: 7.265 min  
Delta R.T.: -0.015 min  
Response: 875331202  
Conc: 181.19 ng/ml



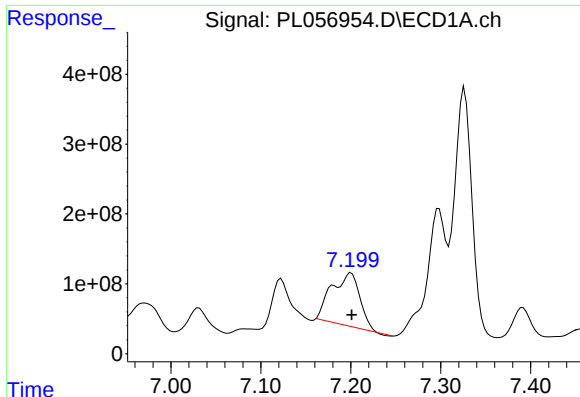
#20 Methoxychlor

R.T.: 6.971 min  
Delta R.T.: 0.006 min  
Response: 877341168  
Conc: 84.69 ng/ml



#20 Methoxychlor

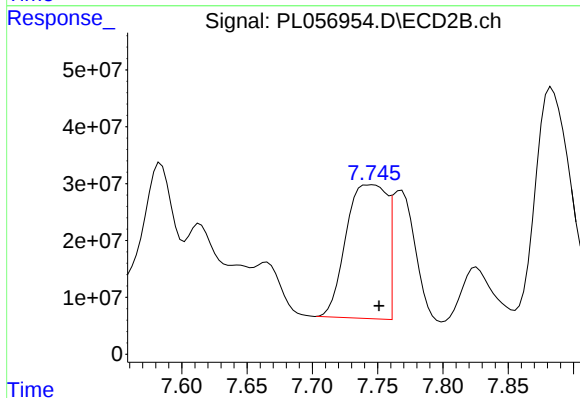
R.T.: 7.614 min  
Delta R.T.: 0.011 min  
Response: 218994789  
Conc: 93.63 ng/ml



#21 Endrin ketone

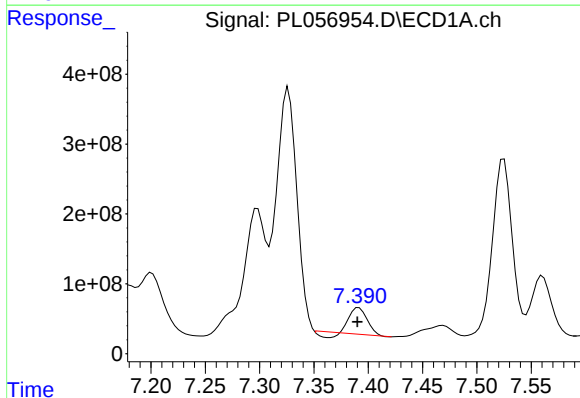
R.T.: 7.200 min  
Delta R.T.: 0.000 min  
Response: 1642745940  
Conc: 66.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



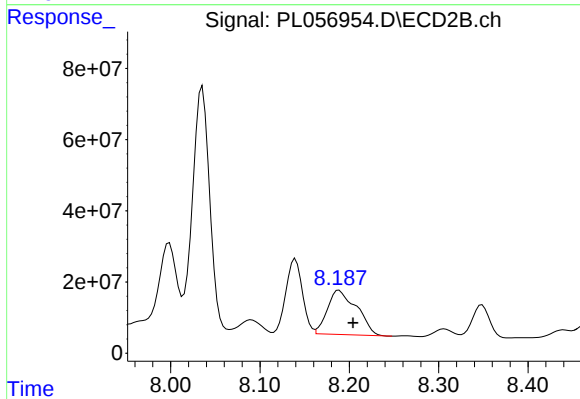
#21 Endrin ketone

R.T.: 7.746 min  
Delta R.T.: -0.005 min  
Response: 508421932  
Conc: 98.77 ng/ml



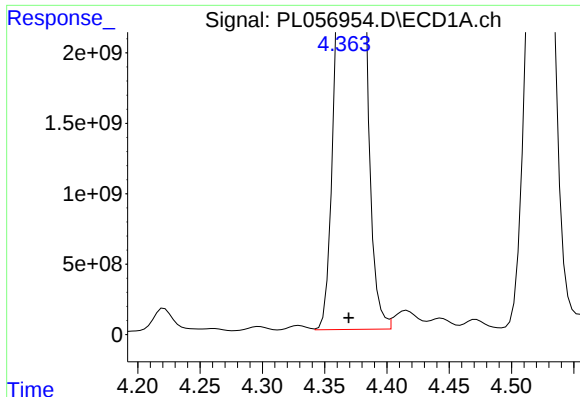
#22 Mirex

R.T.: 7.391 min  
Delta R.T.: 0.001 min  
Response: 365893435  
Conc: 25.80 ng/ml



#22 Mirex

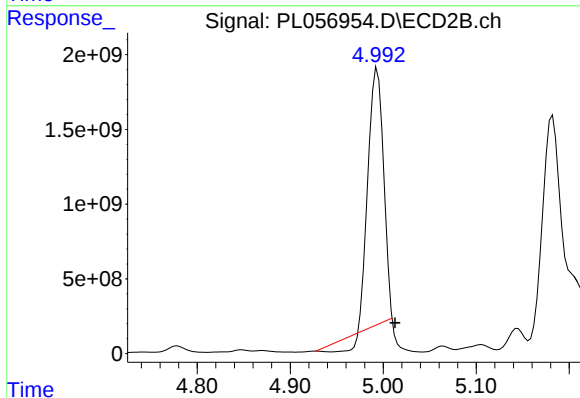
R.T.: 8.189 min  
Delta R.T.: -0.015 min  
Response: 284132034  
Conc: 84.30 ng/ml



#23 Chlordane-1

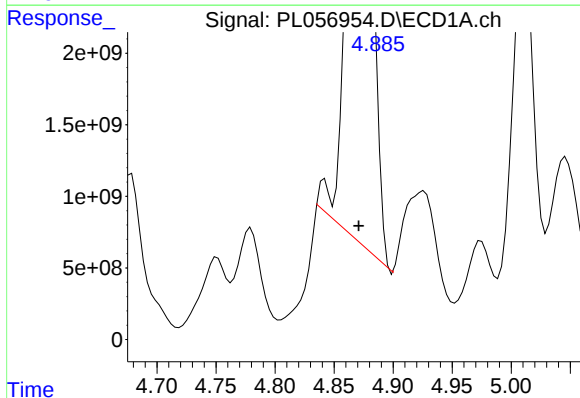
R.T.: 4.378 min  
Delta R.T.: 0.008 min  
Response: 34629933442  
Conc: 49728.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



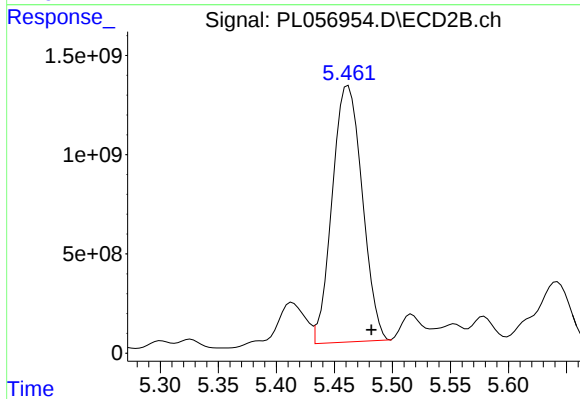
#23 Chlordane-1

R.T.: 4.995 min  
Delta R.T.: -0.017 min  
Response: 15103300850  
Conc: 76209.81 ng/ml



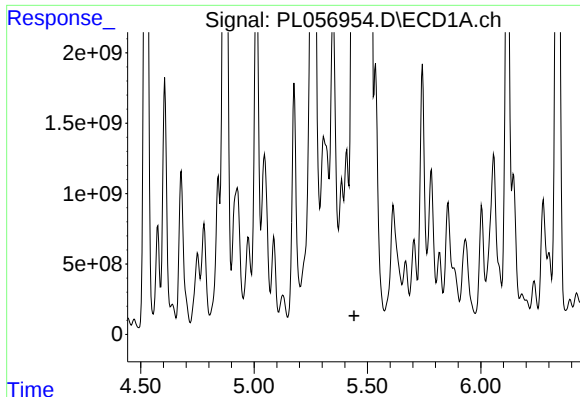
#24 Chlordane-2

R.T.: 4.867 min  
Delta R.T.: -0.004 min  
Response: 20699114262  
Conc: 26658.91 ng/ml



#24 Chlordane-2

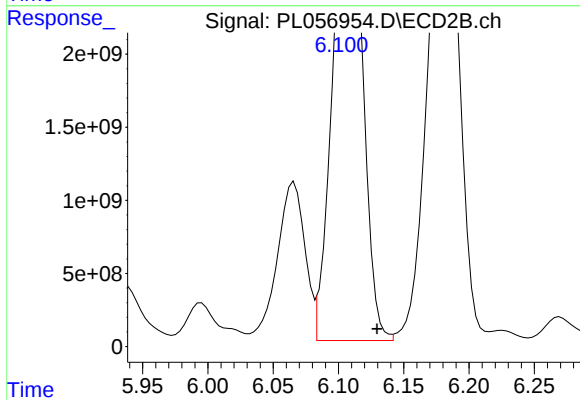
R.T.: 5.466 min  
Delta R.T.: -0.016 min  
Response: 19671201989  
Conc: 94348.64 ng/ml



#25 Chlordane-3

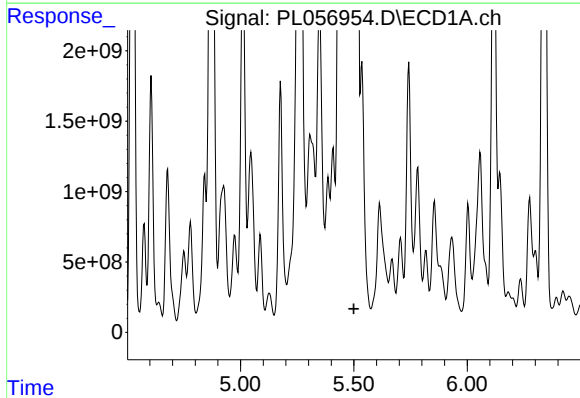
R.T.: 0.000 min  
Exp R.T.: 5.442 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



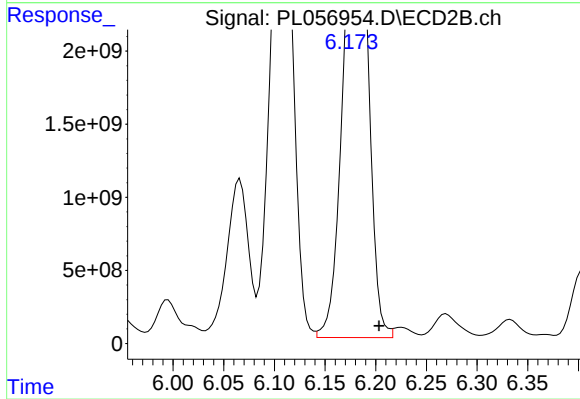
#25 Chlordane-3

R.T.: 6.101 min  
Delta R.T.: -0.029 min  
Response: 34427192782  
Conc: 45184.38 ng/ml



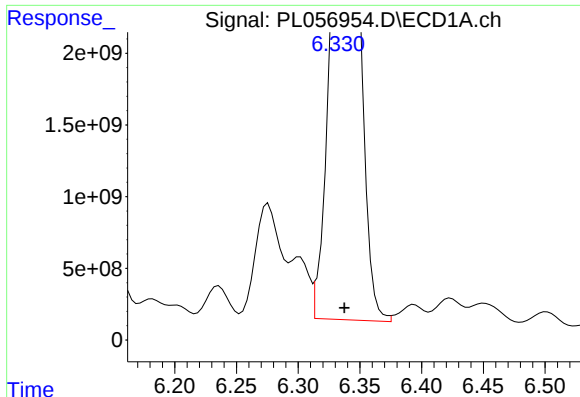
#26 Chlordane-4

R.T.: 0.000 min  
Exp R.T.: 5.500 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

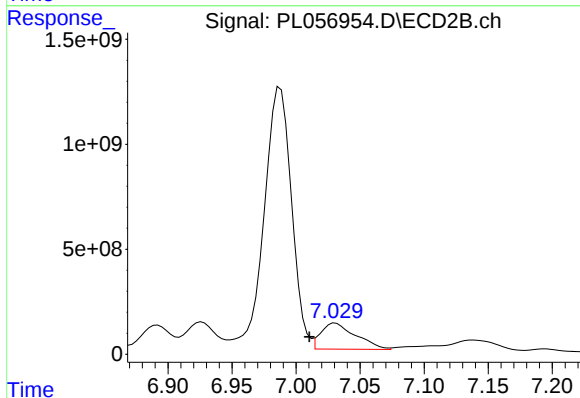
R.T.: 6.184 min  
Delta R.T.: -0.019 min  
Response: 37828073448  
Conc: 42584.08 ng/ml



#27 Chlordane-5

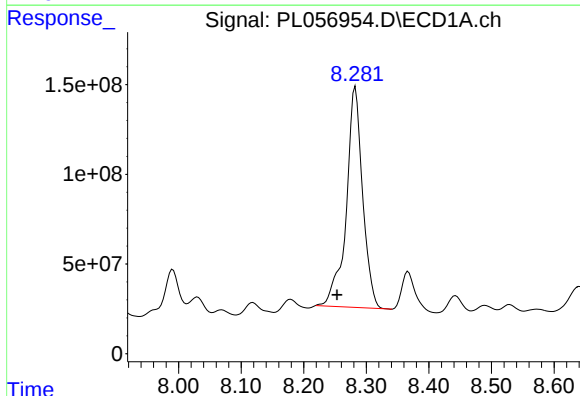
R.T.: 6.334 min  
Delta R.T.: -0.003 min  
Response: 38932730701  
Conc: 47006.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



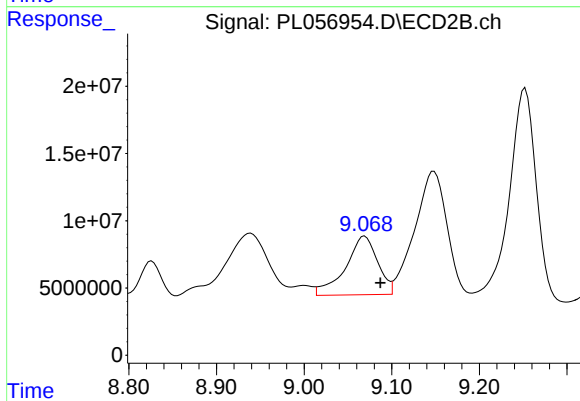
#27 Chlordane-5

R.T.: 7.031 min  
Delta R.T.: 0.020 min  
Response: 2356922247  
Conc: 13831.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.283 min  
Delta R.T.: 0.029 min  
Response: 2234880932  
Conc: 112.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min  
Delta R.T.: -0.018 min  
Response: 111217959  
Conc: 26.28 ng/ml