

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020521\  
 Data File : PL064652.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Feb 2021 16:20  
 Operator : AR\AJ  
 Sample : M1315-01MSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SP-1MSD

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 06 02:44:49 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012921.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jan 29 04:48:57 2021  
 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... | 3.433 | 4.108 | 76664475 | 54768015 | 25.184   | 22.992    |
| 28)                         | SA Decachlor... | 8.164 | 9.273 | 53736924 | 41739600 | 17.052   | 20.387    |
| Target Compounds            |                 |       |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.866 | 4.510 | 254.3E6  | 182.5E6  | 50.700   | 52.791    |
| 3)                          | MA gamma-BHC... | 4.146 | 4.802 | 236.4E6  | 176.9E6  | 50.467   | 53.655    |
| 4)                          | MA Heptachlor   | 4.446 | 5.315 | 225.1E6  | 178.4E6  | 48.692   | 51.194    |
| 5)                          | MB Aldrin       | 4.691 | 5.626 | 208.8E6  | 156.1E6  | 49.137   | 52.294    |
| 6)                          | B beta-BHC      | 4.396 | 4.979 | 95603456 | 77112748 | 49.468   | 45.569    |
| 7)                          | B delta-BHC     | 4.598 | 5.200 | 213.6E6  | 149.7E6  | 45.905   | 48.586    |
| 8)                          | B Heptachlo...  | 5.132 | 6.020 | 193.1E6  | 142.2E6  | 47.392   | 55.524    |
| 9)                          | A Endosulfan I  | 5.468 | 6.383 | 174.8E6  | 132.7E6  | 46.276   | 49.903    |
| 10)                         | B gamma-Chl...  | 5.358 | 6.256 | 211.0E6  | 148.6E6  | 50.964   | 51.109    |
| 11)                         | B alpha-Chl...  | 5.416 | 6.329 | 196.4E6  | 148.0E6  | 47.907   | 50.287    |
| 12)                         | B 4,4'-DDE      | 5.582 | 6.486 | 386.4E6  | 296.7E6  | 102.516  | 114.604   |
| 13)                         | MA Dieldrin     | 5.709 | 6.644 | 229.2E6  | 139.0E6  | 57.299   | 50.406    |
| 14)                         | MA Endrin       | 5.965 | 6.866 | 207.9E6  | 140.6E6  | 56.832   | 61.254    |
| 15)                         | B Endosulfa...  | 6.236 | 7.079 | 174.3E6  | 106.2E6  | 48.182   | 43.008    |
| 16)                         | A 4,4'-DDD      | 6.096 | 6.984 | 282.4E6  | 223.2E6  | 89.723   | 96.960    |
| 17)                         | MA 4,4'-DDT     | 6.335 | 7.284 | 480.0E6  | 347.9E6  | 156.388  | 169.374   |
| 18)                         | B Endrin al...  | 6.405 | 7.204 | 150.8E6  | 87854808 | 49.172   | 41.373    |
| 19)                         | B Endosulfa...  | 6.617 | 7.428 | 165.8E6  | 107.8E6  | 45.605   | 44.846    |
| 20)                         | A Methoxychlor  | 6.882 | 7.743 | 76784522 | 50432558 | 42.509   | 39.863    |
| 21)                         | B Endrin ke...  | 7.104 | 7.907 | 165.8E6  | 138.1E6  | 42.544   | 56.790 #  |
| 22)                         | Mirex           | 7.291 | 8.360 | 126.8E6  | 82374954 | 42.327   | 42.893    |
| 23)                         | Chlordane-1     | 4.300 | 0.000 | 5863522  | 0        | 53.342   | N.D. #    |
| 25)                         | Chlordane-3     | 5.358 | 6.256 | 211.0E6  | 148.6E6  | 584.926  | 414.473 # |
| 26)                         | Chlordane-4     | 5.416 | 6.329 | 196.4E6  | 148.0E6  | 660.454  | 336.485 # |
| 27)                         | Chlordane-5     | 6.236 | 0.000 | 174.3E6  | 0        | 1463.989 | N.D. #    |
| -----                       |                 |       |       |          |          |          |           |

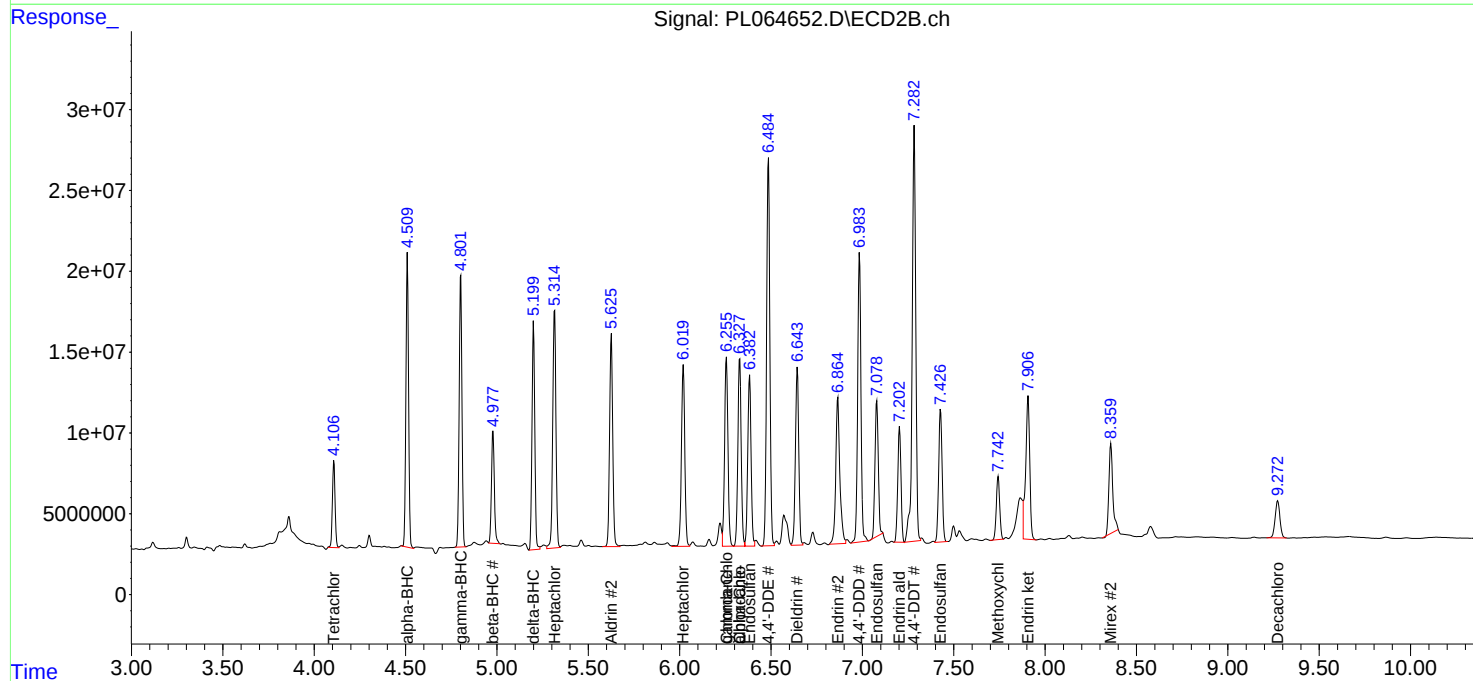
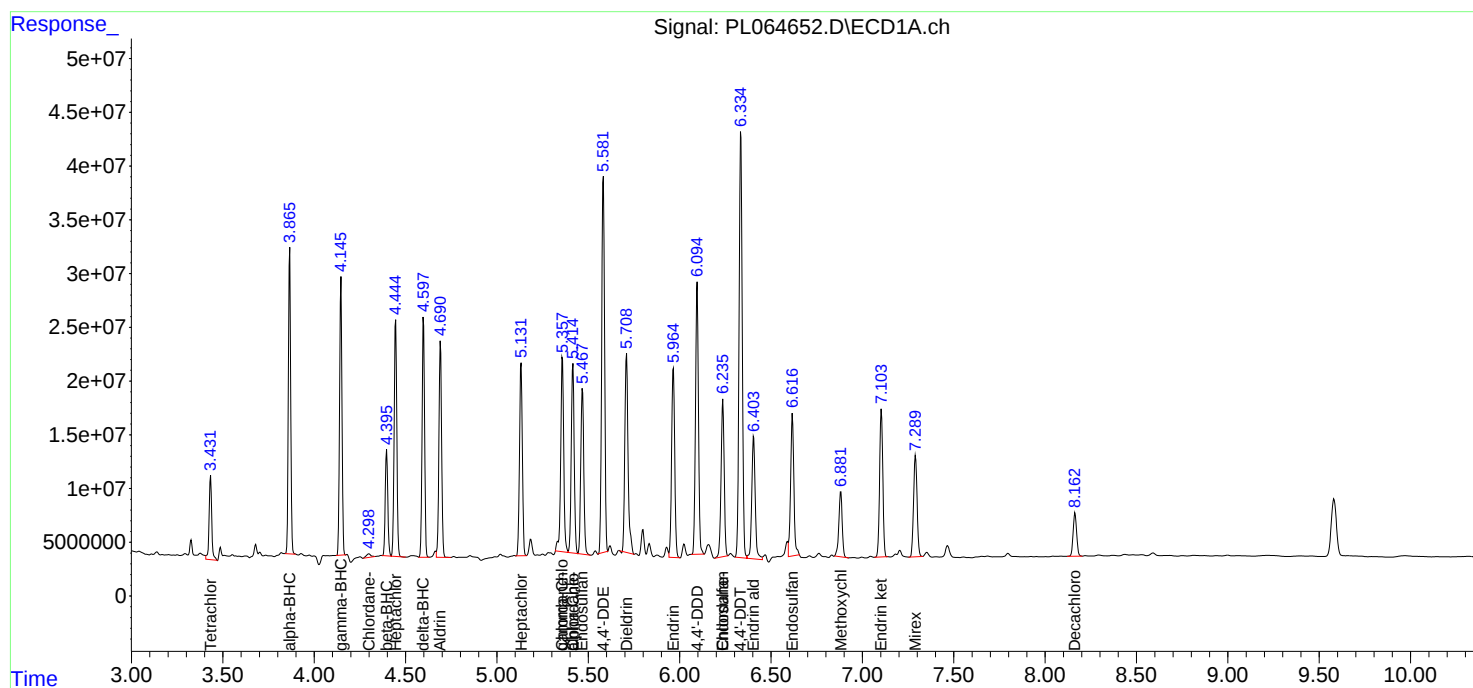
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

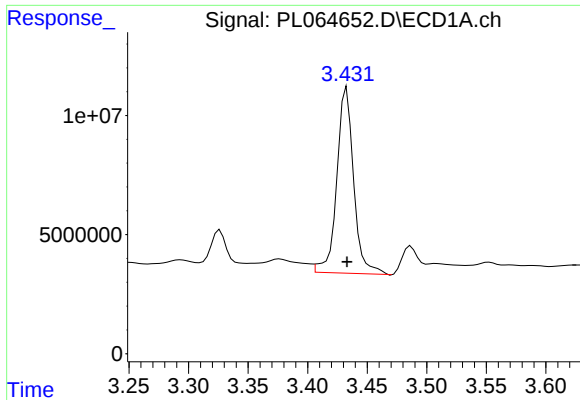
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020521\  
Data File : PL064652.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Feb 2021 16:20  
Operator : AR\AJ  
Sample : M1315-01MSD  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1MSD

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 06 02:44:49 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012921.M  
Quant Title : GC Extractables  
QLast Update : Fri Jan 29 04:48:57 2021  
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

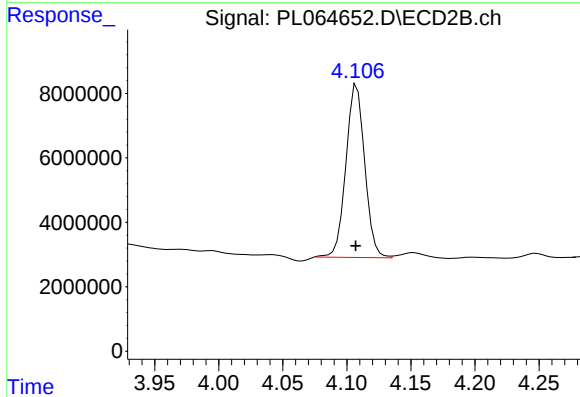




#1 Tetrachloro-m-xylene

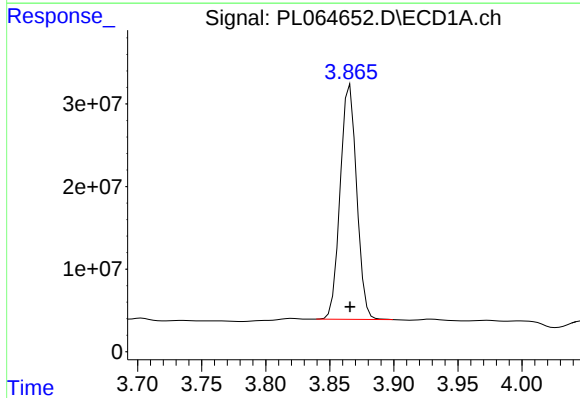
R.T.: 3.433 min  
Delta R.T.: 0.000 min  
Response: 76664475  
Conc: 25.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1MSD



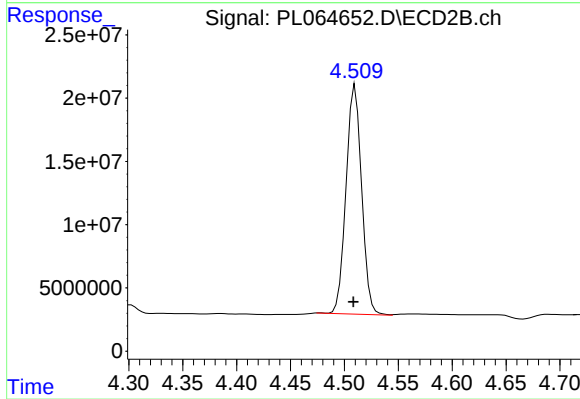
#1 Tetrachloro-m-xylene

R.T.: 4.108 min  
Delta R.T.: 0.000 min  
Response: 54768015  
Conc: 22.99 ng/ml



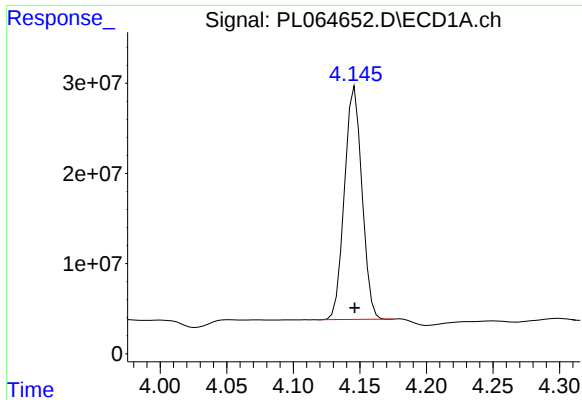
#2 alpha-BHC

R.T.: 3.866 min  
Delta R.T.: 0.000 min  
Response: 254328171  
Conc: 50.70 ng/ml



#2 alpha-BHC

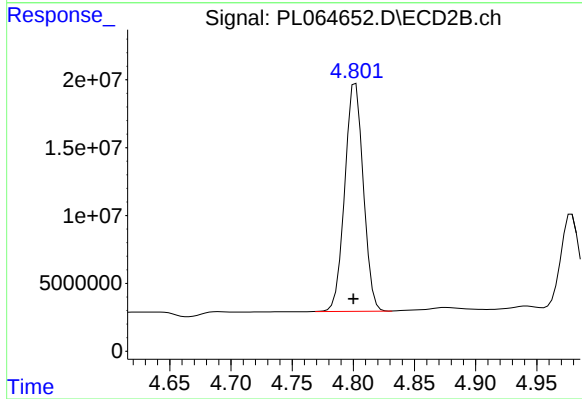
R.T.: 4.510 min  
Delta R.T.: 0.002 min  
Response: 182514078  
Conc: 52.79 ng/ml



#3 gamma-BHC (Lindane)

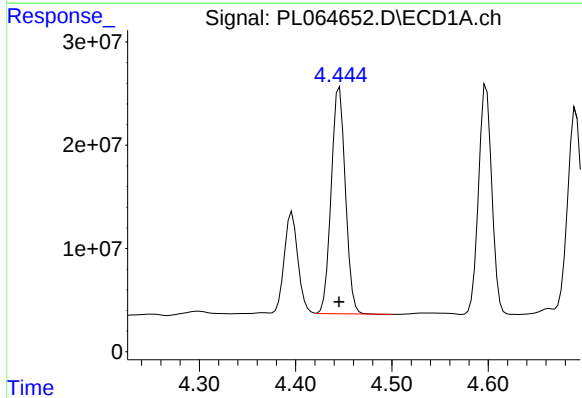
R.T.: 4.146 min  
Delta R.T.: 0.000 min  
Response: 236359223  
Conc: 50.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1MSD



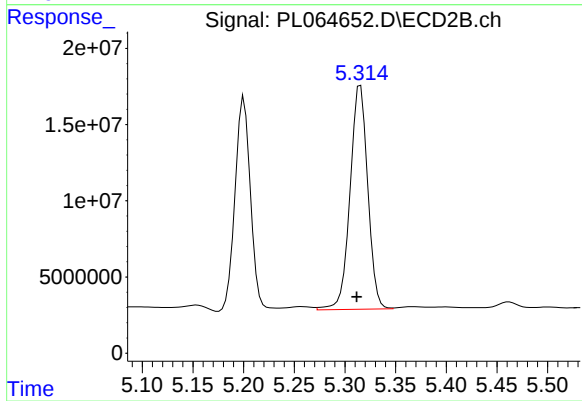
#3 gamma-BHC (Lindane)

R.T.: 4.802 min  
Delta R.T.: 0.002 min  
Response: 176897259  
Conc: 53.66 ng/ml



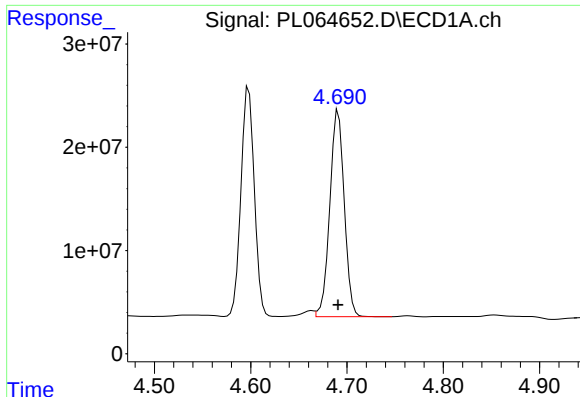
#4 Heptachlor

R.T.: 4.446 min  
Delta R.T.: 0.000 min  
Response: 225147494  
Conc: 48.69 ng/ml



#4 Heptachlor

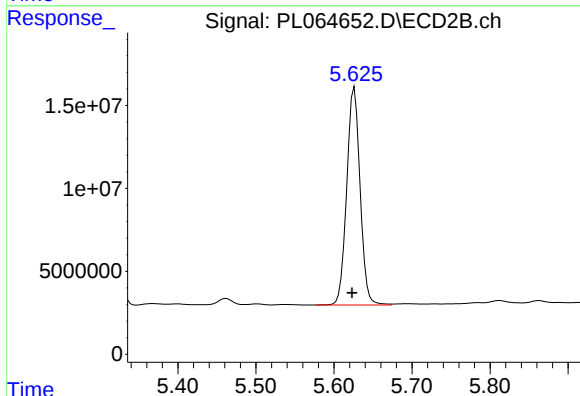
R.T.: 5.315 min  
Delta R.T.: 0.004 min  
Response: 178424968  
Conc: 51.19 ng/ml



#5 Aldrin

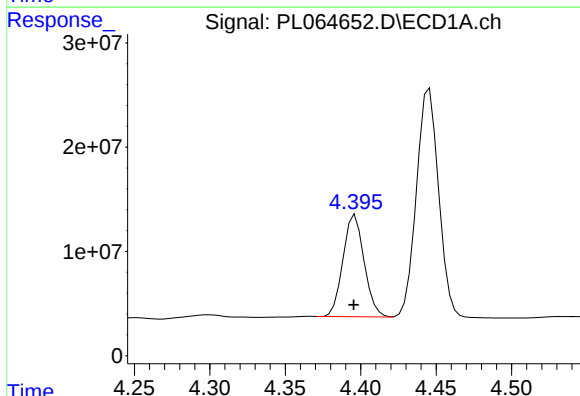
R.T.: 4.691 min  
Delta R.T.: 0.000 min  
Response: 208803463  
Conc: 49.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1MSD



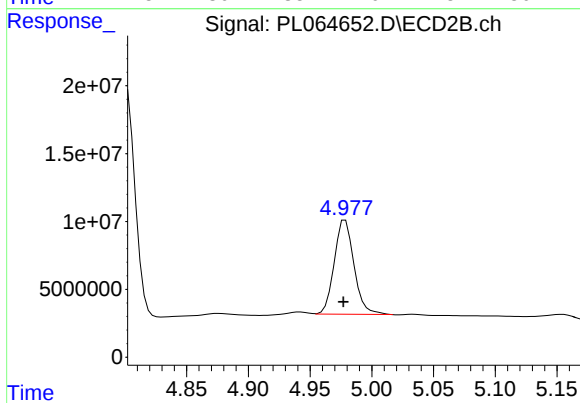
#5 Aldrin

R.T.: 5.626 min  
Delta R.T.: 0.003 min  
Response: 156086667  
Conc: 52.29 ng/ml



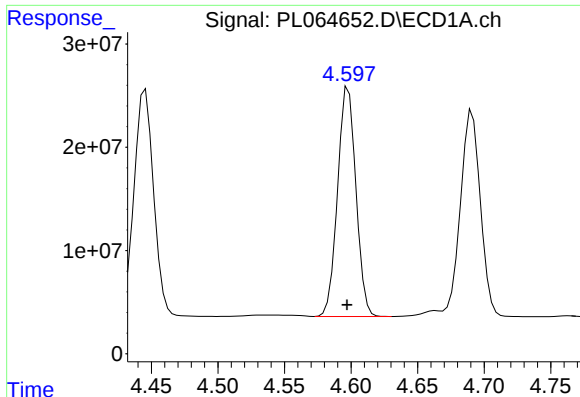
#6 beta-BHC

R.T.: 4.396 min  
Delta R.T.: 0.000 min  
Response: 95603456  
Conc: 49.47 ng/ml



#6 beta-BHC

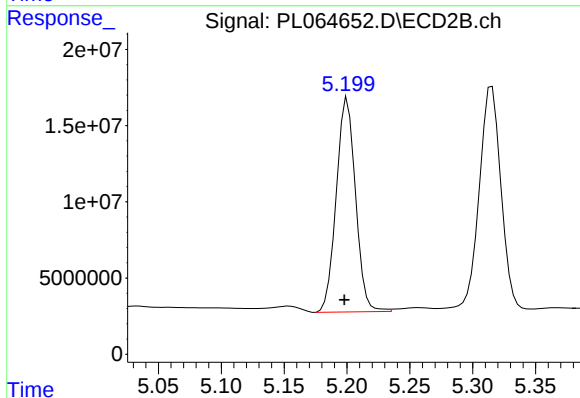
R.T.: 4.979 min  
Delta R.T.: 0.002 min  
Response: 77112748  
Conc: 45.57 ng/ml



#7 delta-BHC

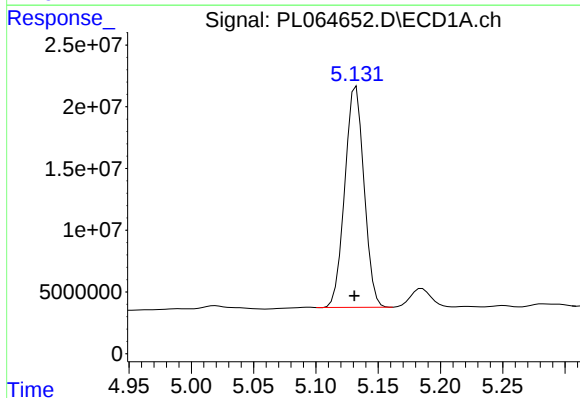
R.T.: 4.598 min  
Delta R.T.: 0.000 min  
Response: 213601955  
Conc: 45.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1MSD



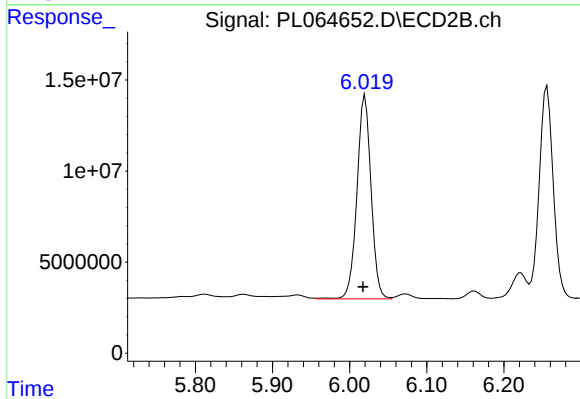
#7 delta-BHC

R.T.: 5.200 min  
Delta R.T.: 0.002 min  
Response: 149654737  
Conc: 48.59 ng/ml



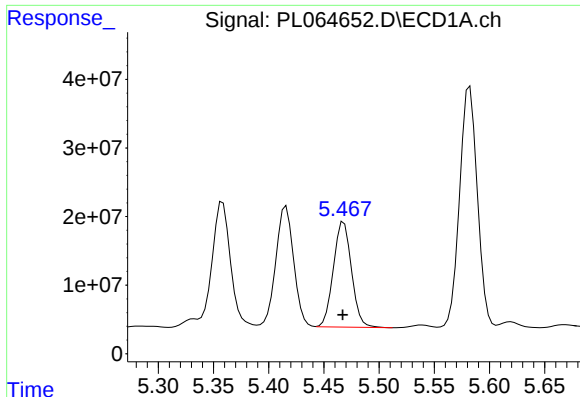
#8 Heptachlor epoxide

R.T.: 5.132 min  
Delta R.T.: 0.001 min  
Response: 193052882  
Conc: 47.39 ng/ml



#8 Heptachlor epoxide

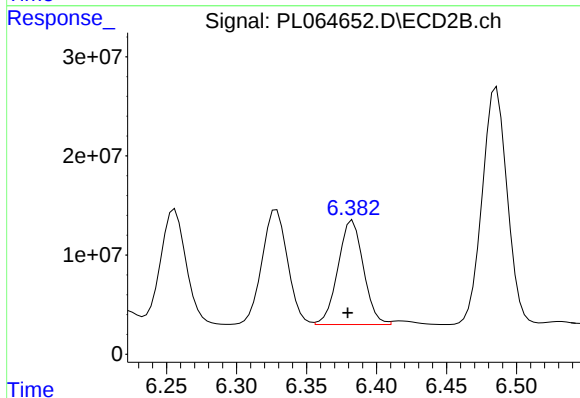
R.T.: 6.020 min  
Delta R.T.: 0.002 min  
Response: 142226641  
Conc: 55.52 ng/ml



#9 Endosulfan I

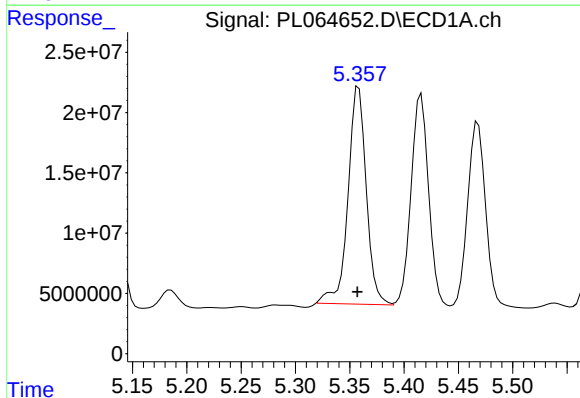
R.T.: 5.468 min  
Delta R.T.: 0.001 min  
Response: 174754803  
Conc: 46.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1MSD



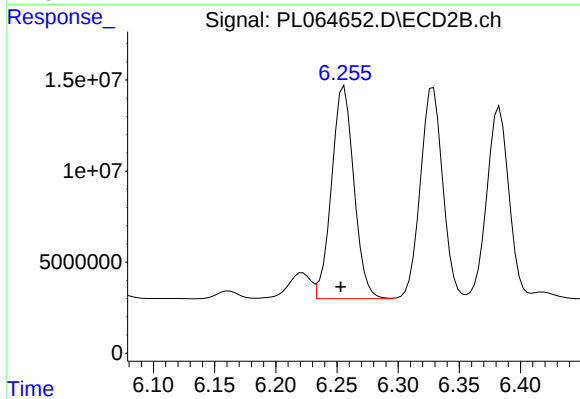
#9 Endosulfan I

R.T.: 6.383 min  
Delta R.T.: 0.004 min  
Response: 132727751  
Conc: 49.90 ng/ml



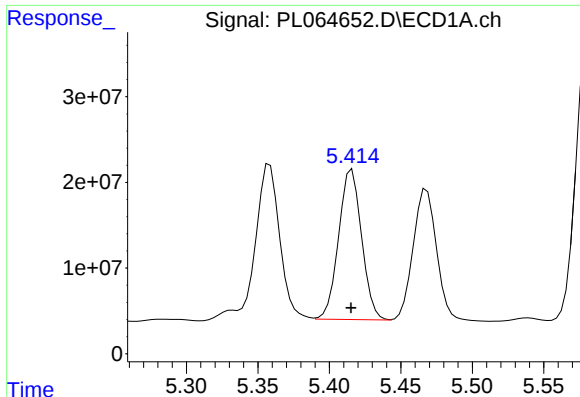
#10 gamma-Chlordane

R.T.: 5.358 min  
Delta R.T.: 0.001 min  
Response: 210999016  
Conc: 50.96 ng/ml



#10 gamma-Chlordane

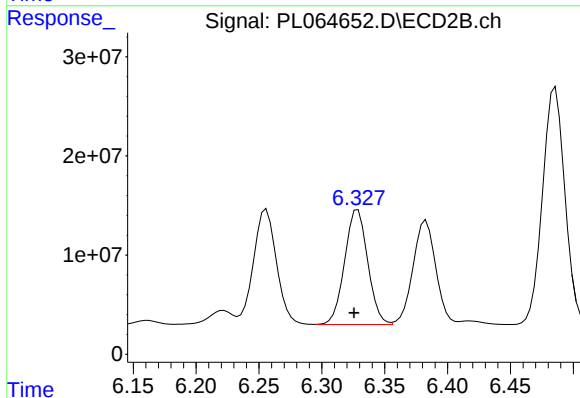
R.T.: 6.256 min  
Delta R.T.: 0.003 min  
Response: 148583435  
Conc: 51.11 ng/ml



#11 alpha-Chlordane

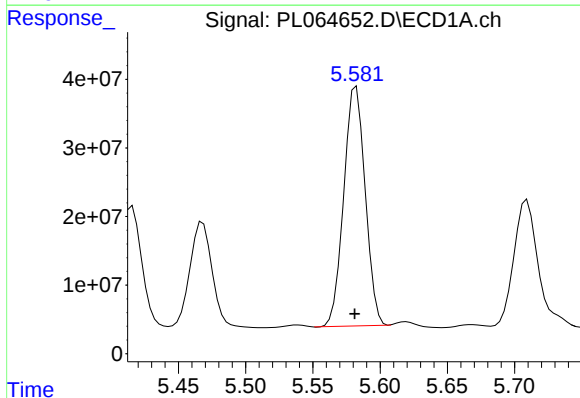
R.T.: 5.416 min  
Delta R.T.: 0.000 min  
Response: 196449492  
Conc: 47.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1MSD



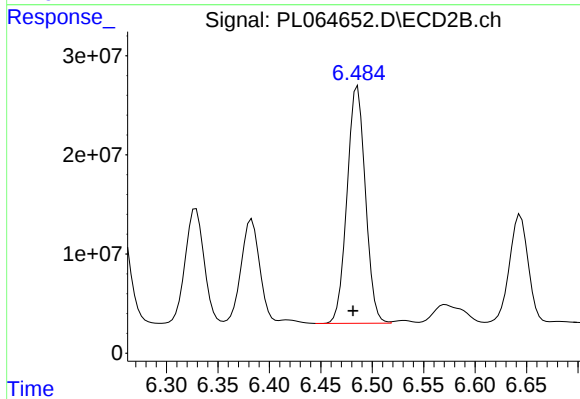
#11 alpha-Chlordane

R.T.: 6.329 min  
Delta R.T.: 0.003 min  
Response: 147971914  
Conc: 50.29 ng/ml



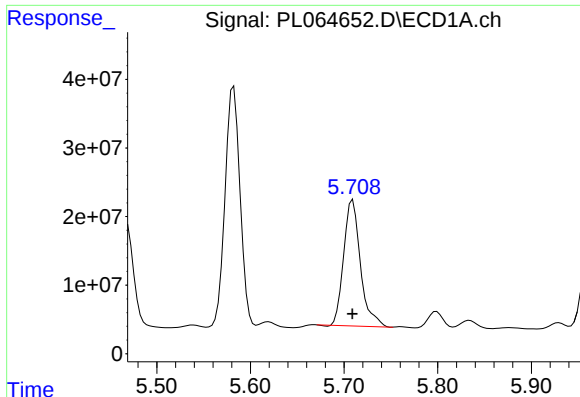
#12 4,4'-DDE

R.T.: 5.582 min  
Delta R.T.: 0.001 min  
Response: 386438485  
Conc: 102.52 ng/ml



#12 4,4'-DDE

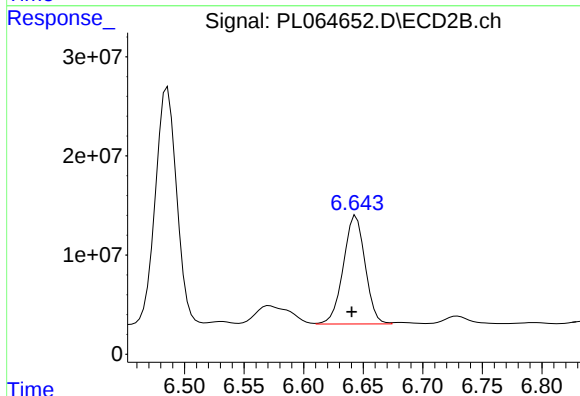
R.T.: 6.486 min  
Delta R.T.: 0.004 min  
Response: 296745866  
Conc: 114.60 ng/ml



#13 Dieldrin

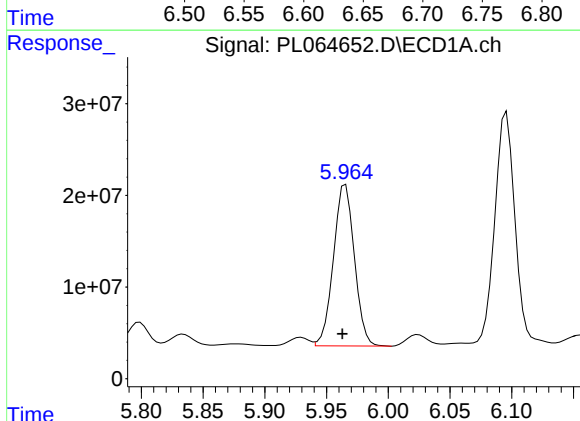
R.T.: 5.709 min  
Delta R.T.: 0.000 min  
Response: 229155130  
Conc: 57.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1MSD



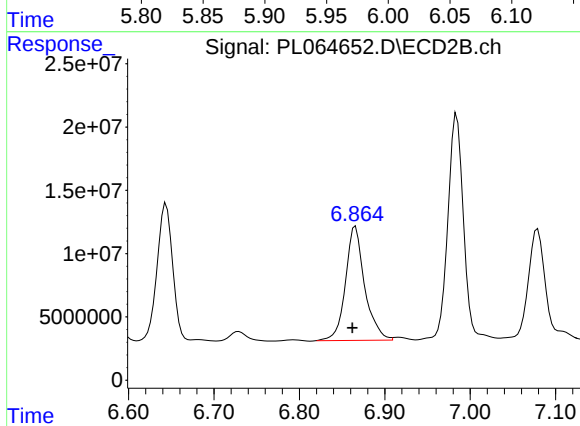
#13 Dieldrin

R.T.: 6.644 min  
Delta R.T.: 0.004 min  
Response: 138968091  
Conc: 50.41 ng/ml



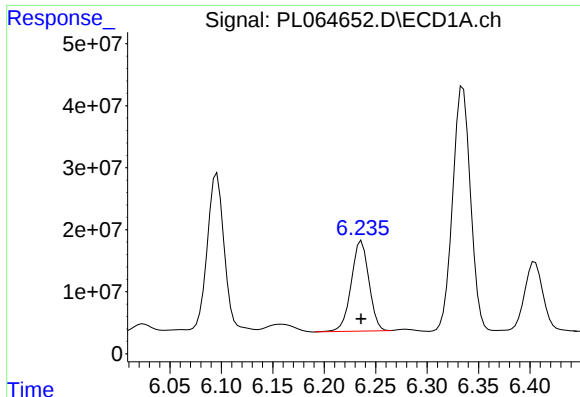
#14 Endrin

R.T.: 5.965 min  
Delta R.T.: 0.002 min  
Response: 207882096  
Conc: 56.83 ng/ml



#14 Endrin

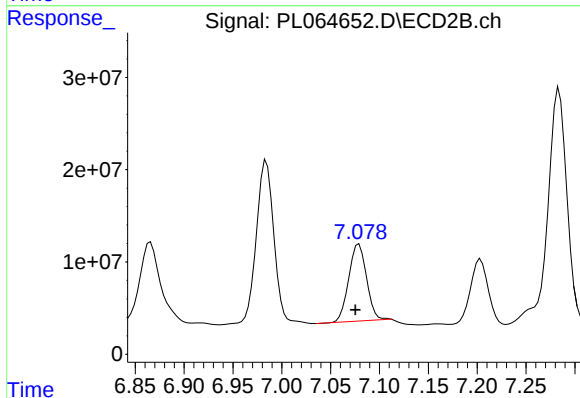
R.T.: 6.866 min  
Delta R.T.: 0.004 min  
Response: 140610935  
Conc: 61.25 ng/ml



#15 Endosulfan II

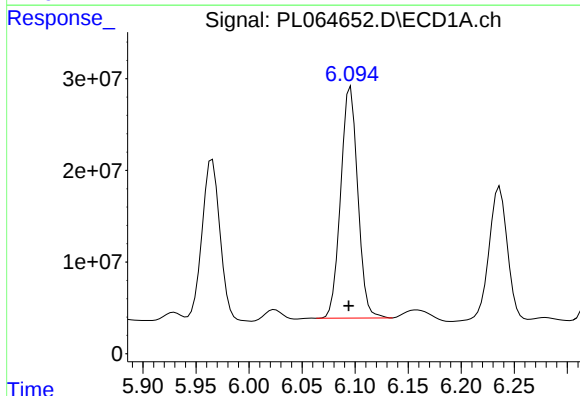
R.T.: 6.236 min  
Delta R.T.: 0.000 min  
Response: 174286136  
Conc: 48.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1MSD



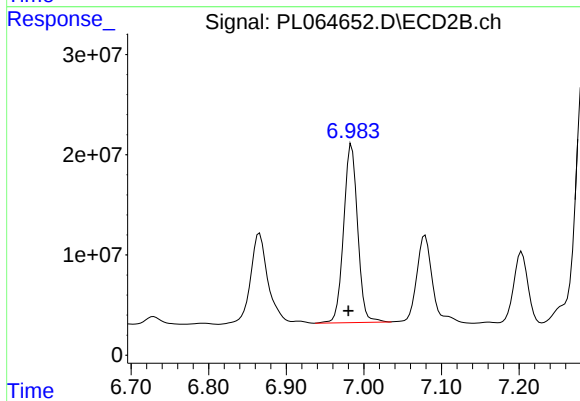
#15 Endosulfan II

R.T.: 7.079 min  
Delta R.T.: 0.004 min  
Response: 106162617  
Conc: 43.01 ng/ml



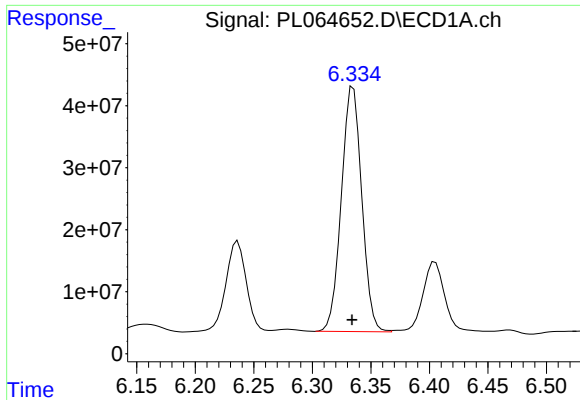
#16 4,4'-DDD

R.T.: 6.096 min  
Delta R.T.: 0.002 min  
Response: 282356811  
Conc: 89.72 ng/ml



#16 4,4'-DDD

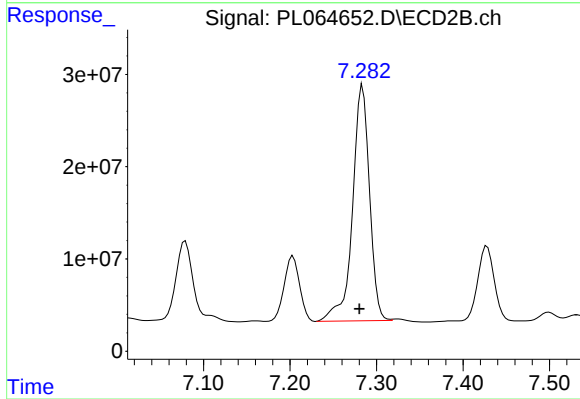
R.T.: 6.984 min  
Delta R.T.: 0.004 min  
Response: 223191802  
Conc: 96.96 ng/ml



#17 4,4'-DDT

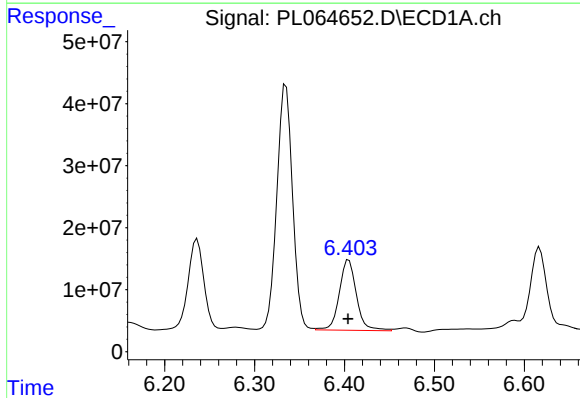
R.T.: 6.335 min  
Delta R.T.: 0.001 min  
Response: 479957459  
Conc: 156.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1MSD



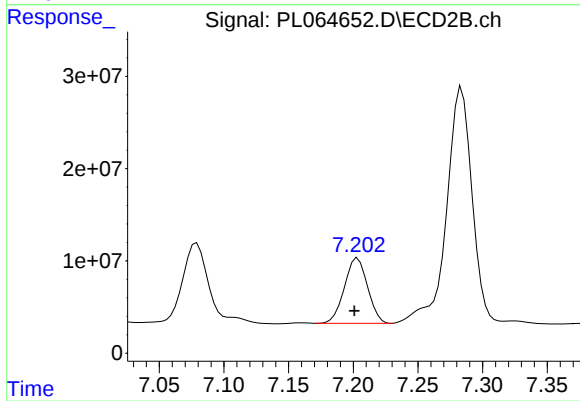
#17 4,4'-DDT

R.T.: 7.284 min  
Delta R.T.: 0.004 min  
Response: 347897876  
Conc: 169.37 ng/ml



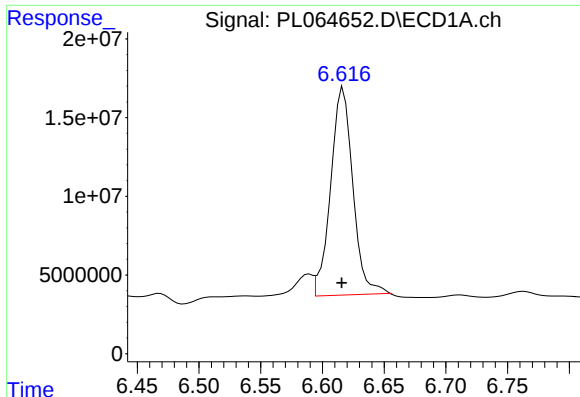
#18 Endrin aldehyde

R.T.: 6.405 min  
Delta R.T.: 0.000 min  
Response: 150821103  
Conc: 49.17 ng/ml



#18 Endrin aldehyde

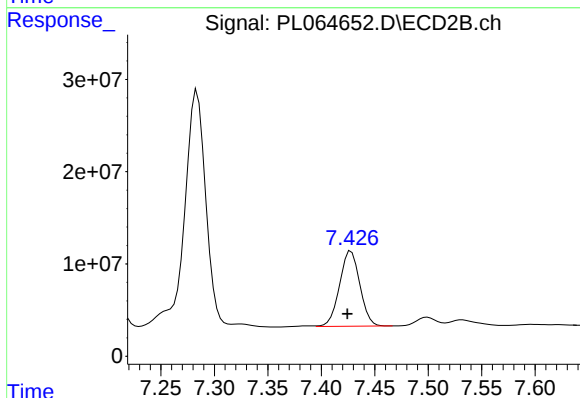
R.T.: 7.204 min  
Delta R.T.: 0.003 min  
Response: 87854808  
Conc: 41.37 ng/ml



#19 Endosulfan Sulfate

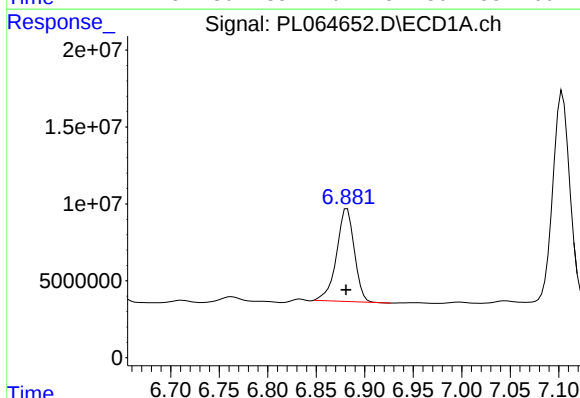
R.T.: 6.617 min  
Delta R.T.: 0.001 min  
Response: 165766987  
Conc: 45.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1MSD



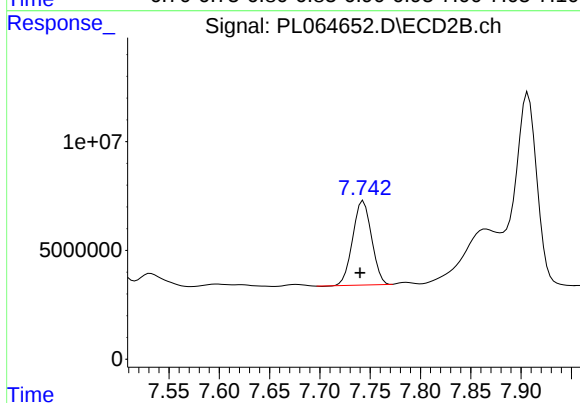
#19 Endosulfan Sulfate

R.T.: 7.428 min  
Delta R.T.: 0.003 min  
Response: 107829511  
Conc: 44.85 ng/ml



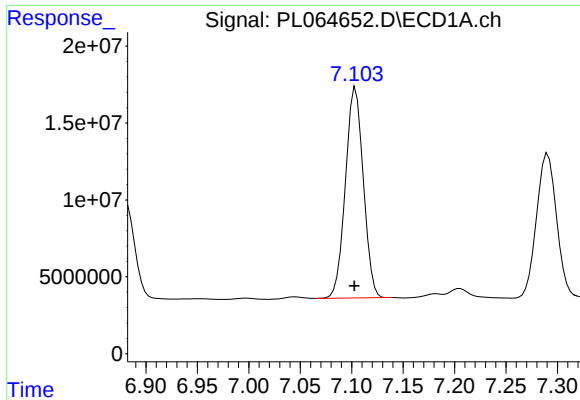
#20 Methoxychlor

R.T.: 6.882 min  
Delta R.T.: 0.001 min  
Response: 76784522  
Conc: 42.51 ng/ml



#20 Methoxychlor

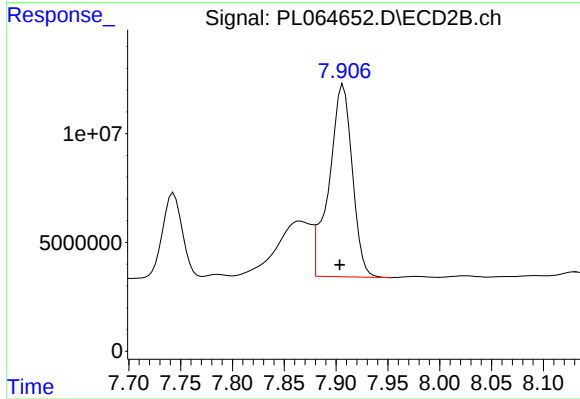
R.T.: 7.743 min  
Delta R.T.: 0.003 min  
Response: 50432558  
Conc: 39.86 ng/ml



#21 Endrin ketone

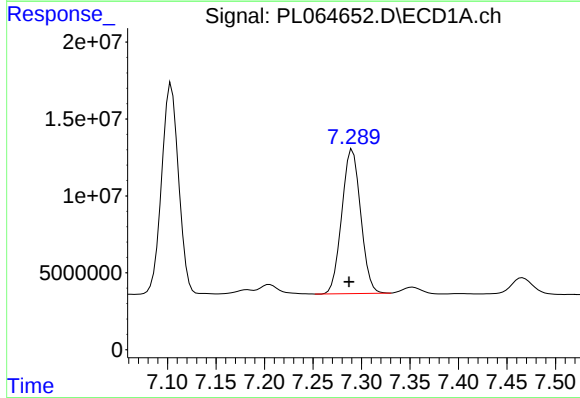
R.T.: 7.104 min  
Delta R.T.: 0.001 min  
Response: 165827096  
Conc: 42.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1MSD



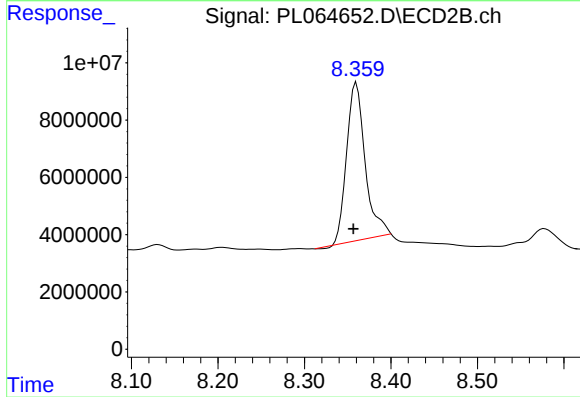
#21 Endrin ketone

R.T.: 7.907 min  
Delta R.T.: 0.003 min  
Response: 138095514  
Conc: 56.79 ng/ml



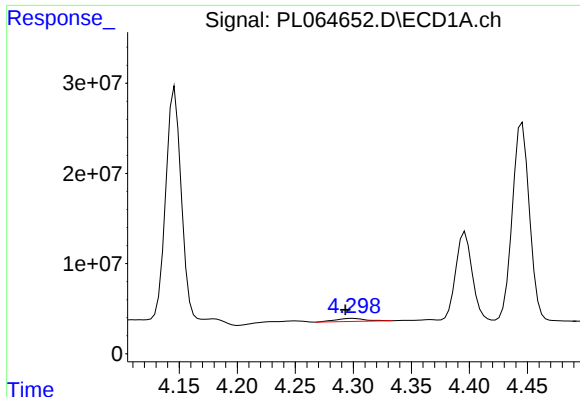
#22 Mirex

R.T.: 7.291 min  
Delta R.T.: 0.003 min  
Response: 126813807  
Conc: 42.33 ng/ml



#22 Mirex

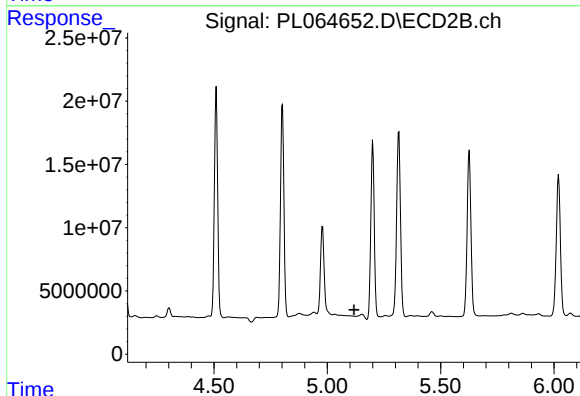
R.T.: 8.360 min  
Delta R.T.: 0.003 min  
Response: 82374954  
Conc: 42.89 ng/ml



#23 Chlordane-1

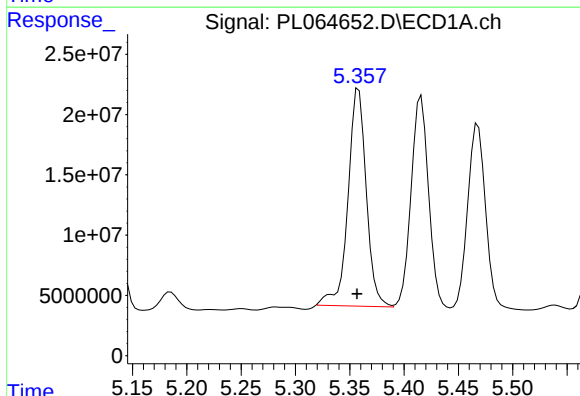
R.T.: 4.300 min  
Delta R.T.: 0.006 min  
Response: 5863522  
Conc: 53.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1MSD



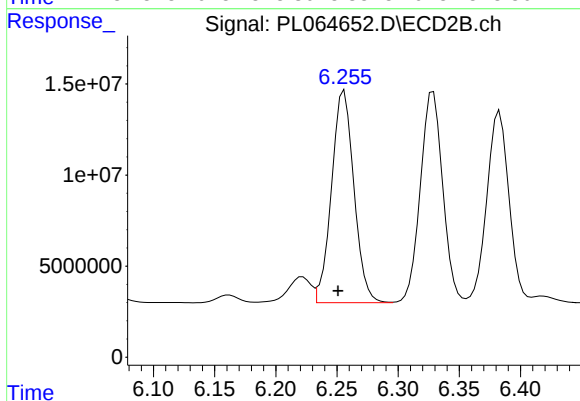
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.119 min  
Response: 0  
Conc: N.D.



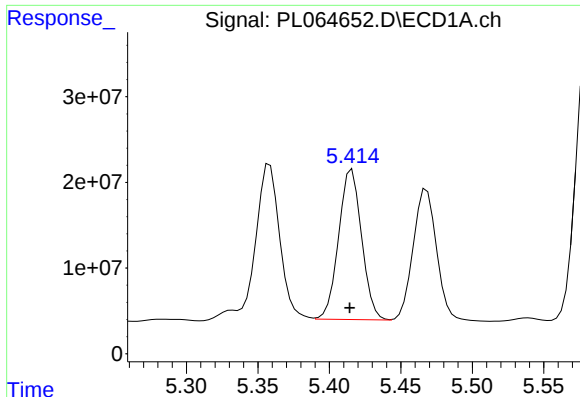
#25 Chlordane-3

R.T.: 5.358 min  
Delta R.T.: 0.002 min  
Response: 210999016  
Conc: 584.93 ng/ml



#25 Chlordane-3

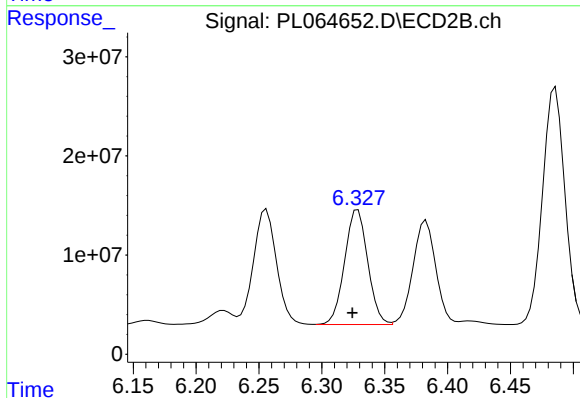
R.T.: 6.256 min  
Delta R.T.: 0.005 min  
Response: 148583435  
Conc: 414.47 ng/ml



#26 Chlordane-4

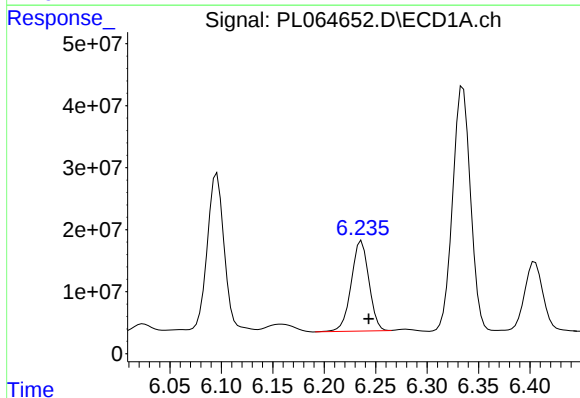
R.T.: 5.416 min  
Delta R.T.: 0.001 min  
Response: 196449492  
Conc: 660.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1MSD



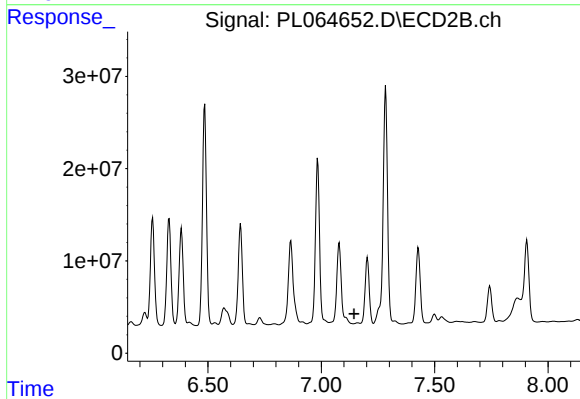
#26 Chlordane-4

R.T.: 6.329 min  
Delta R.T.: 0.004 min  
Response: 147971914  
Conc: 336.49 ng/ml



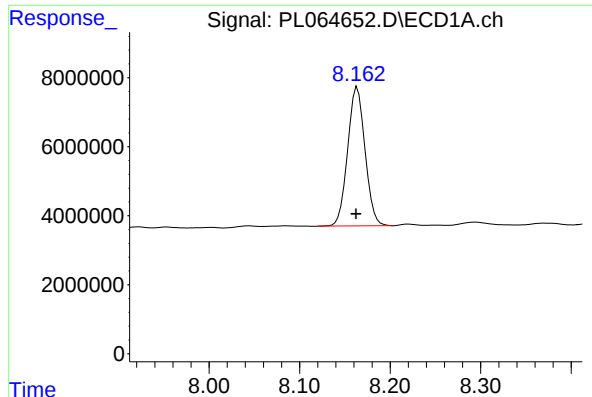
#27 Chlordane-5

R.T.: 6.236 min  
Delta R.T.: -0.007 min  
Response: 174286136  
Conc: 1463.99 ng/ml



#27 Chlordane-5

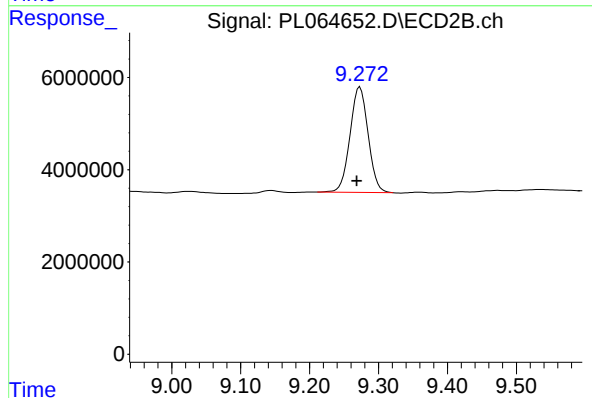
R.T.: 0.000 min  
Exp R.T.: 7.144 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.164 min  
Delta R.T.: 0.001 min  
Response: 53736924  
Conc: 17.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SP-1MSD



#28 Decachlorobiphenyl

R.T.: 9.273 min  
Delta R.T.: 0.005 min  
Response: 41739600  
Conc: 20.39 ng/ml