

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121120\  
 Data File : PL063464.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Dec 2020 14:35  
 Operator : DD\AJ  
 Sample : L4989-01MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 10 15:13:04 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121020.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Dec 10 10:28:14 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... | 3.409 | 3.949  | 35386467 | 63496786 | 20.795   | 20.259     |
| 28)                         | SA Decachlor... | 8.124 | 8.988  | 34551087 | 43655481 | 17.157   | 17.335     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.841 | 4.336  | 132.8E6  | 263.6E6  | 52.978   | 55.682     |
| 3)                          | MA gamma-BHC... | 4.120 | 4.618  | 121.8E6  | 230.8E6  | 53.463   | 51.779     |
| 4)                          | MA Heptachlor   | 4.417 | 5.123  | 112.1E6  | 215.3E6  | 52.238   | 52.438     |
| 5)                          | MB Aldrin       | 4.661 | 5.426  | 98843933 | 208.4E6  | 51.838   | 53.864     |
| 6)                          | B beta-BHC      | 4.370 | 4.790  | 50668526 | 96190574 | 52.183   | 48.422     |
| 7)                          | B delta-BHC     | 4.571 | 5.004  | 115.7E6  | 196.1E6  | 53.166   | 48.462     |
| 8)                          | B Heptachlo...  | 5.100 | 5.812  | 97774627 | 179.2E6  | 52.555   | 49.472     |
| 9)                          | A Endosulfan I  | 5.436 | 6.167  | 92516238 | 165.5E6  | 53.007   | 49.579     |
| 10)                         | B gamma-Chl...  | 5.326 | 6.045  | 112.1E6  | 191.3E6  | 60.291   | 53.898     |
| 11)                         | B alpha-Chl...  | 5.383 | 6.118  | 102.1E6  | 197.6E6  | 54.922   | 55.768     |
| 12)                         | B 4,4'-DDE      | 5.548 | 6.276  | 98469581 | 178.4E6  | 57.976   | 50.937     |
| 13)                         | MA Dieldrin     | 5.676 | 6.424  | 106.4E6  | 176.5E6  | 58.418   | 51.379     |
| 14)                         | MA Endrin       | 5.931 | 6.641  | 87501083 | 143.7E6  | 52.134   | 49.115     |
| 15)                         | B Endosulfa...  | 6.204 | 6.851  | 80035589 | 143.9E6  | 45.223   | 45.181     |
| 16)                         | A 4,4'-DDD      | 6.060 | 6.766  | 72264933 | 143.8E6  | 48.142   | 53.072     |
| 17)                         | MA 4,4'-DDT     | 6.299 | 7.065  | 77123960 | 146.1E6  | 56.203   | 57.153     |
| 18)                         | B Endrin al...  | 6.371 | 6.975  | 63324670 | 116.2E6  | 41.312   | 45.518     |
| 19)                         | B Endosulfa...  | 6.583 | 7.198  | 83094307 | 148.0E6  | 48.453   | 53.207     |
| 20)                         | A Methoxychlor  | 6.843 | 7.525  | 43335692 | 66568091 | 48.702   | 47.731     |
| 21)                         | B Endrin ke...  | 7.069 | 7.667  | 89980876 | 141.6E6  | 45.062   | 48.559     |
| 22)                         | Mirex           | 7.254 | 8.120  | 72577185 | 94715126 | 45.712   | 47.537     |
| 23)                         | Chlordane-1     | 4.272 | 0.000  | 4256914  | 0        | 77.869   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000 | 5.426f | 0        | 208.4E6  | N.D.     | 1651.328 # |
| 25)                         | Chlordane-3     | 5.326 | 6.045  | 112.1E6  | 191.3E6  | 647.255  | 415.146 #  |
| 26)                         | Chlordane-4     | 5.383 | 6.118  | 102.1E6  | 197.6E6  | 698.069  | 360.491 #  |
| 27)                         | Chlordane-5     | 6.204 | 6.919  | 80035589 | 8277219  | 1283.834 | 91.208 #   |
| -----                       |                 |       |        |          |          |          |            |

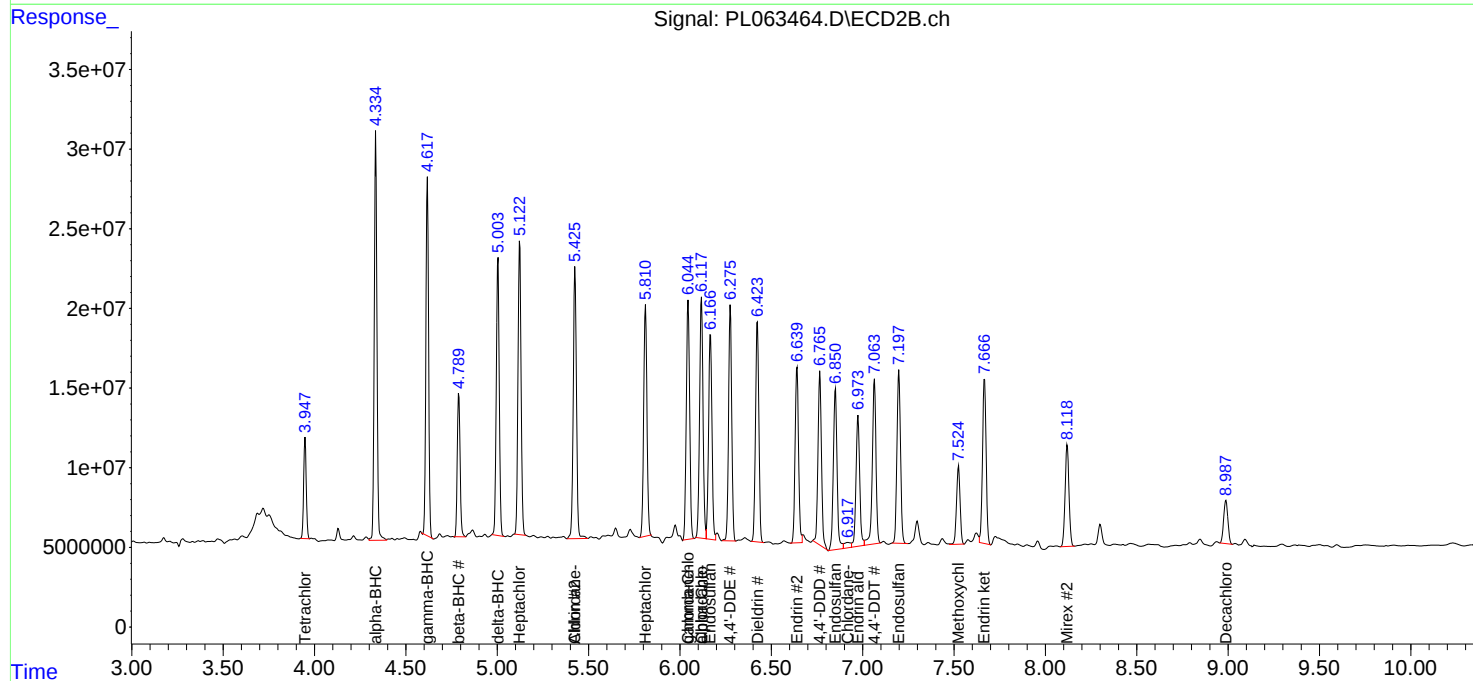
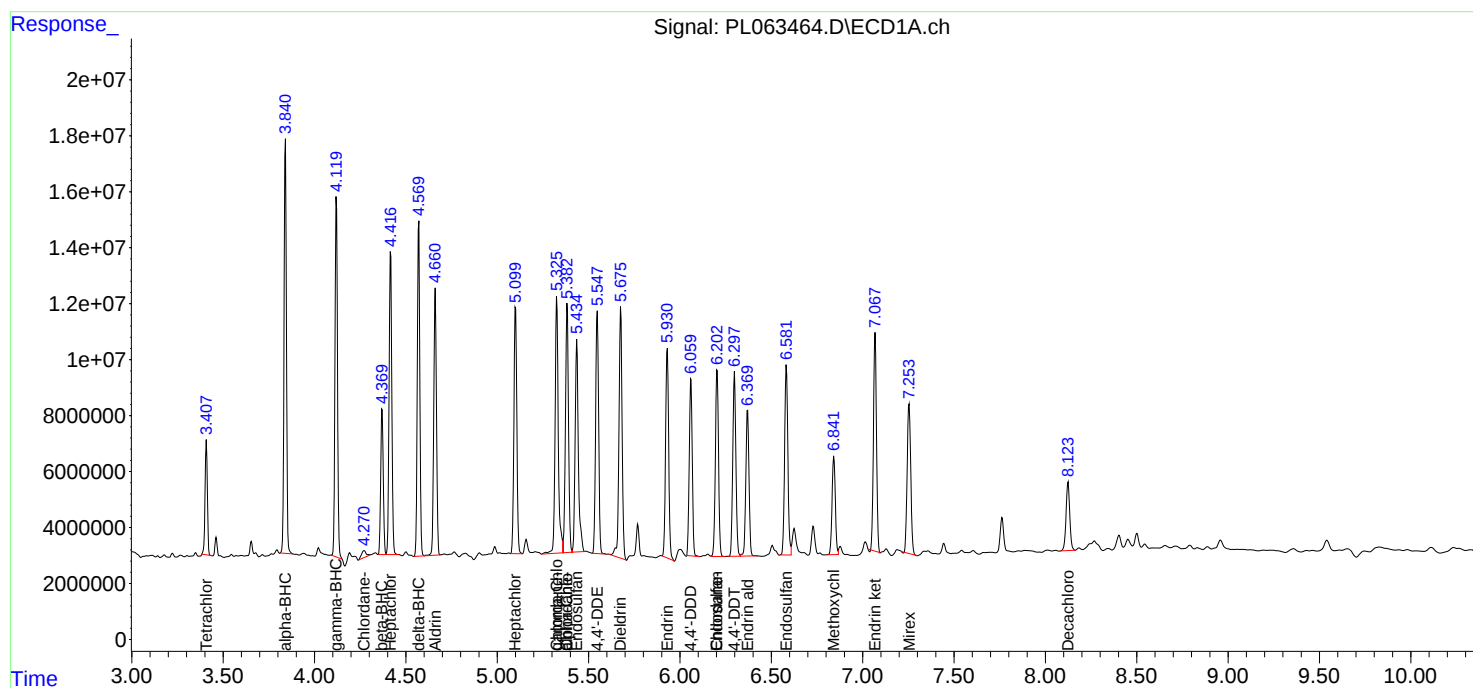
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

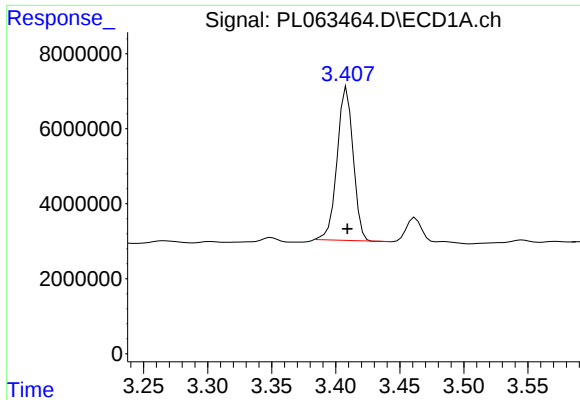
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121120\  
Data File : PL063464.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 10 Dec 2020 14:35  
Operator : DD\AJ  
Sample : L4989-01MS  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 10 15:13:04 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121020.M  
Quant Title : GC Extractables  
QLast Update : Thu Dec 10 10:28:14 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

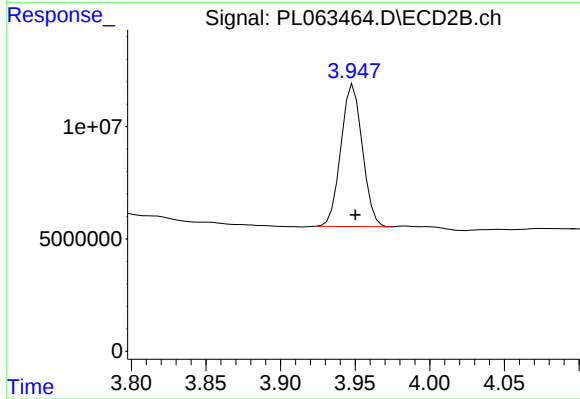




#1 Tetrachloro-m-xylene

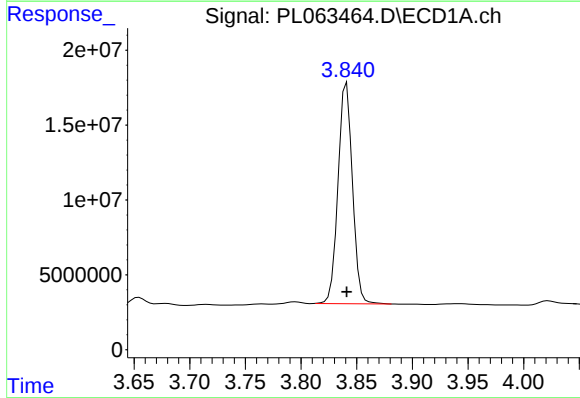
R.T.: 3.409 min  
Delta R.T.: 0.000 min  
Response: 35386467  
Conc: 20.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



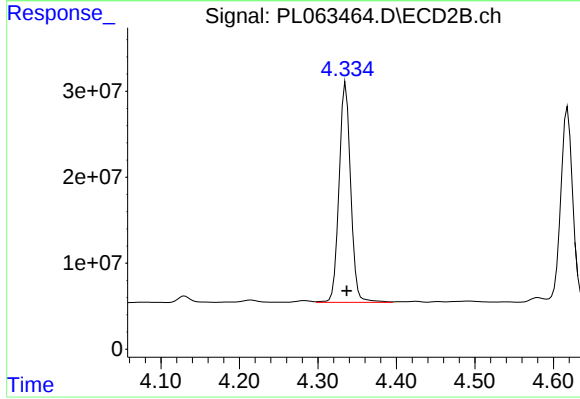
#1 Tetrachloro-m-xylene

R.T.: 3.949 min  
Delta R.T.: -0.001 min  
Response: 63496786  
Conc: 20.26 ng/ml



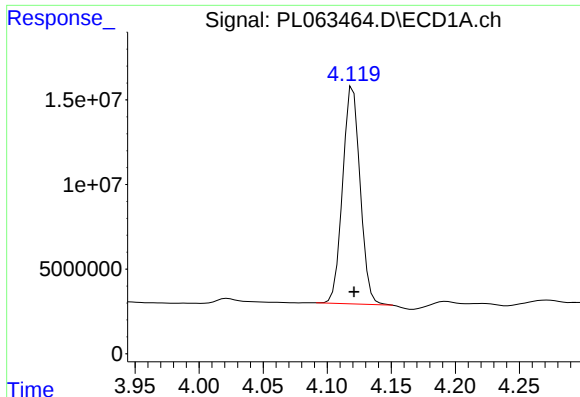
#2 alpha-BHC

R.T.: 3.841 min  
Delta R.T.: 0.000 min  
Response: 132791650  
Conc: 52.98 ng/ml



#2 alpha-BHC

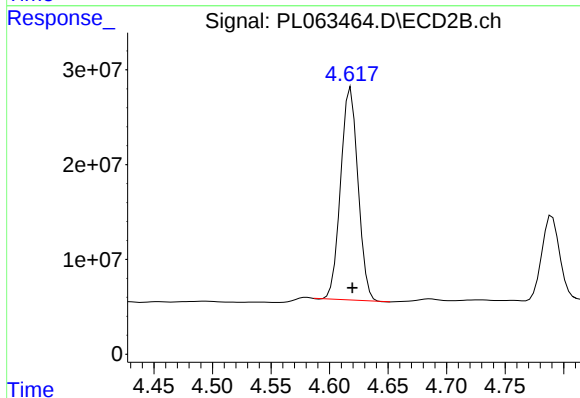
R.T.: 4.336 min  
Delta R.T.: 0.000 min  
Response: 263576127  
Conc: 55.68 ng/ml



#3 gamma-BHC (Lindane)

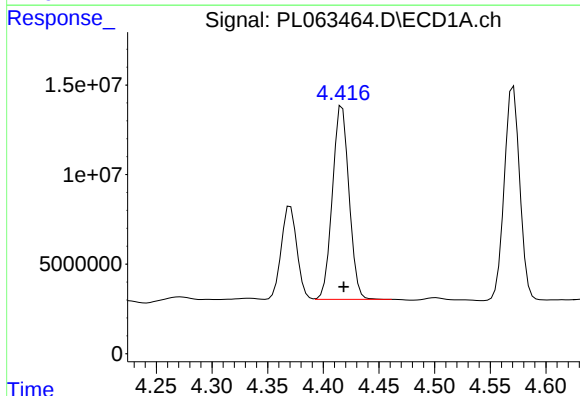
R.T.: 4.120 min  
Delta R.T.: 0.000 min  
Response: 121847862  
Conc: 53.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



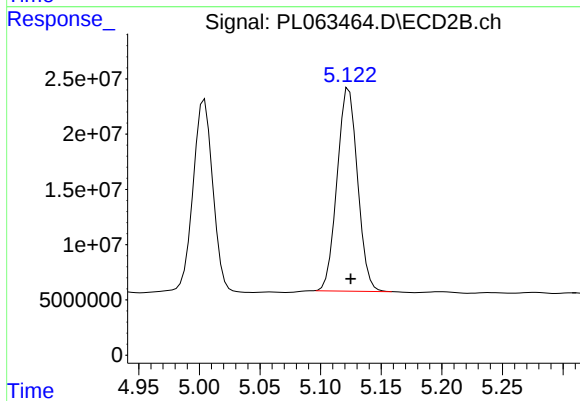
#3 gamma-BHC (Lindane)

R.T.: 4.618 min  
Delta R.T.: -0.001 min  
Response: 230846054  
Conc: 51.78 ng/ml



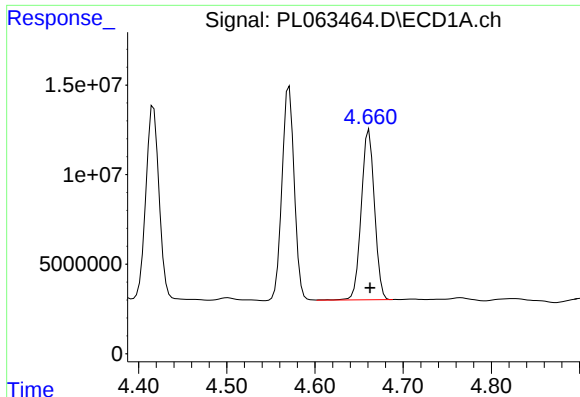
#4 Heptachlor

R.T.: 4.417 min  
Delta R.T.: -0.001 min  
Response: 112147268  
Conc: 52.24 ng/ml



#4 Heptachlor

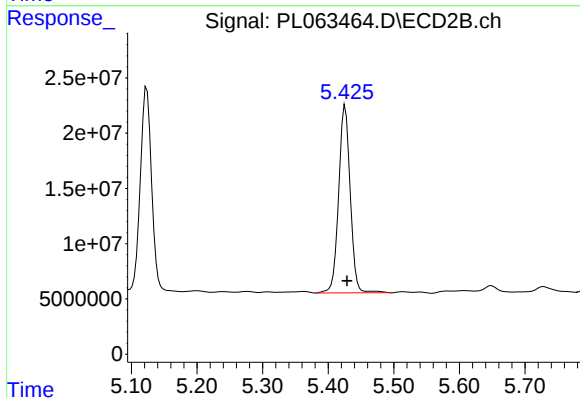
R.T.: 5.123 min  
Delta R.T.: -0.002 min  
Response: 215317009  
Conc: 52.44 ng/ml



#5 Aldrin

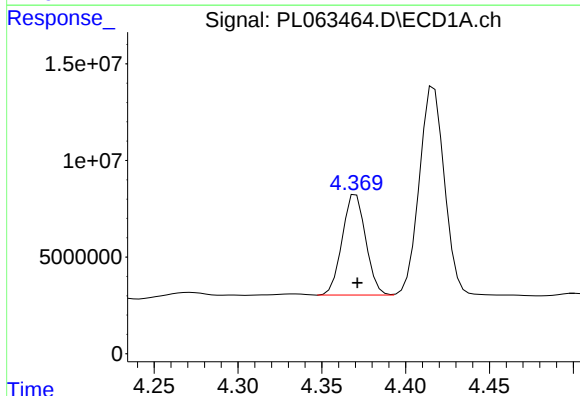
R.T.: 4.661 min  
Delta R.T.: -0.001 min  
Response: 98843933  
Conc: 51.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



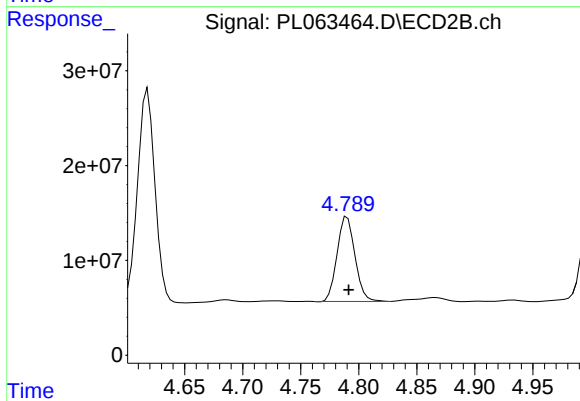
#5 Aldrin

R.T.: 5.426 min  
Delta R.T.: -0.003 min  
Response: 208405314  
Conc: 53.86 ng/ml



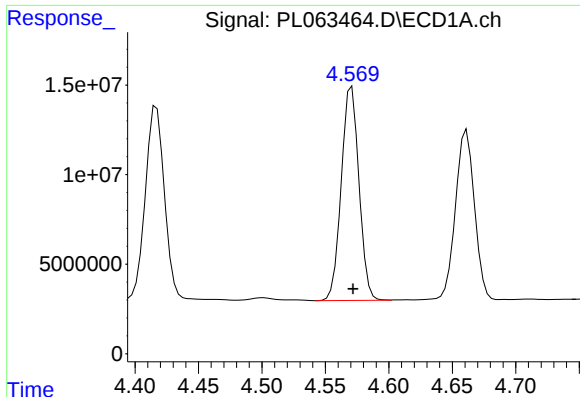
#6 beta-BHC

R.T.: 4.370 min  
Delta R.T.: 0.000 min  
Response: 50668526  
Conc: 52.18 ng/ml



#6 beta-BHC

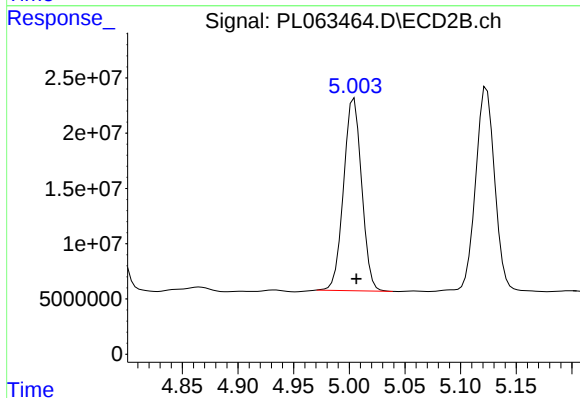
R.T.: 4.790 min  
Delta R.T.: -0.001 min  
Response: 96190574  
Conc: 48.42 ng/ml



#7 delta-BHC

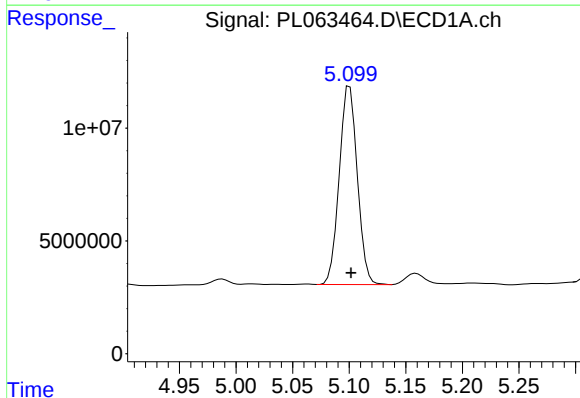
R.T.: 4.571 min  
Delta R.T.: -0.001 min  
Response: 115742830  
Conc: 53.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



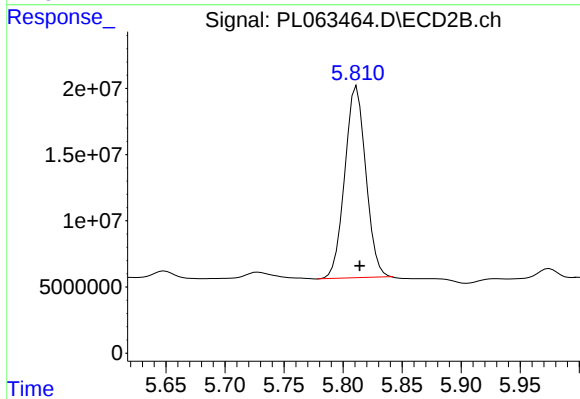
#7 delta-BHC

R.T.: 5.004 min  
Delta R.T.: -0.002 min  
Response: 196140415  
Conc: 48.46 ng/ml



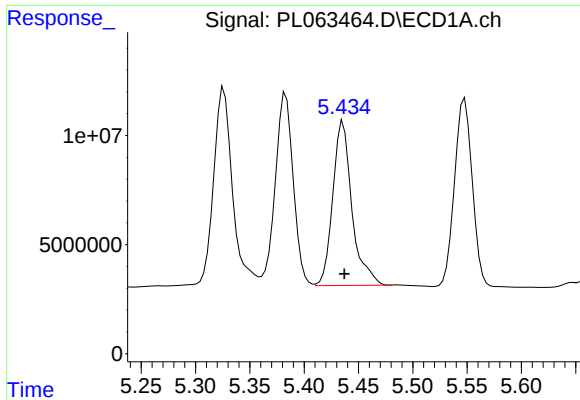
#8 Heptachlor epoxide

R.T.: 5.100 min  
Delta R.T.: -0.001 min  
Response: 97774627  
Conc: 52.55 ng/ml



#8 Heptachlor epoxide

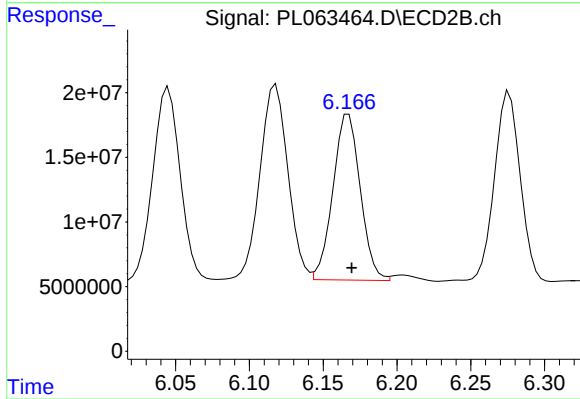
R.T.: 5.812 min  
Delta R.T.: -0.002 min  
Response: 179185098  
Conc: 49.47 ng/ml



#9 Endosulfan I

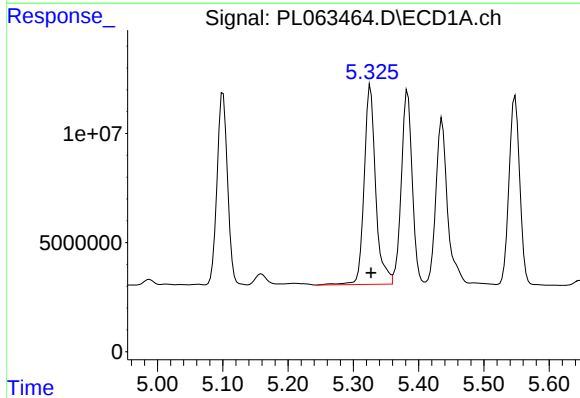
R.T.: 5.436 min  
Delta R.T.: -0.001 min  
Response: 92516238  
Conc: 53.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



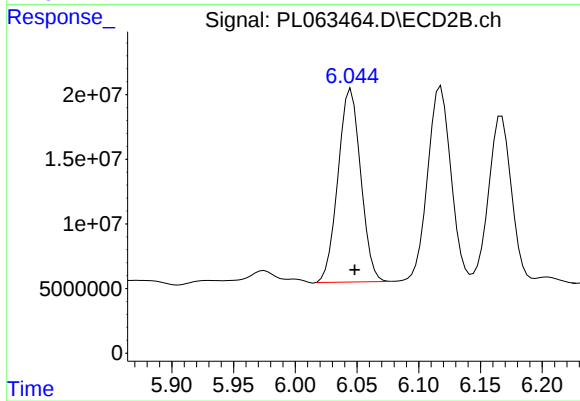
#9 Endosulfan I

R.T.: 6.167 min  
Delta R.T.: -0.002 min  
Response: 165477398  
Conc: 49.58 ng/ml



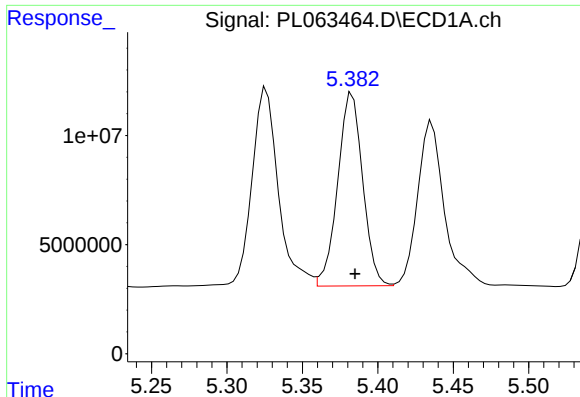
#10 gamma-Chlordane

R.T.: 5.326 min  
Delta R.T.: 0.000 min  
Response: 112141836  
Conc: 60.29 ng/ml



#10 gamma-Chlordane

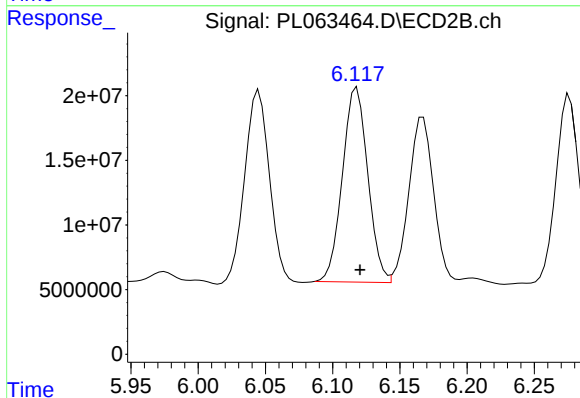
R.T.: 6.045 min  
Delta R.T.: -0.003 min  
Response: 191292357  
Conc: 53.90 ng/ml



#11 alpha-Chlordane

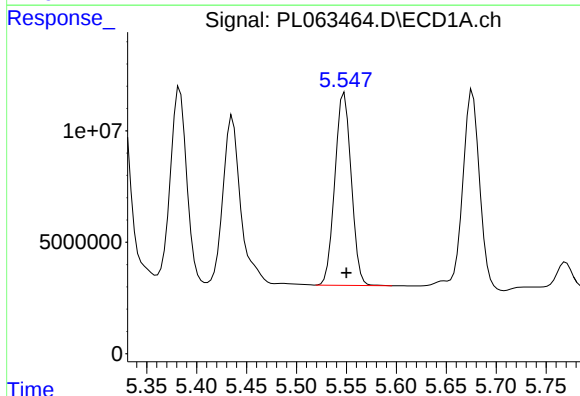
R.T.: 5.383 min  
Delta R.T.: -0.002 min  
Response: 102109512  
Conc: 54.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



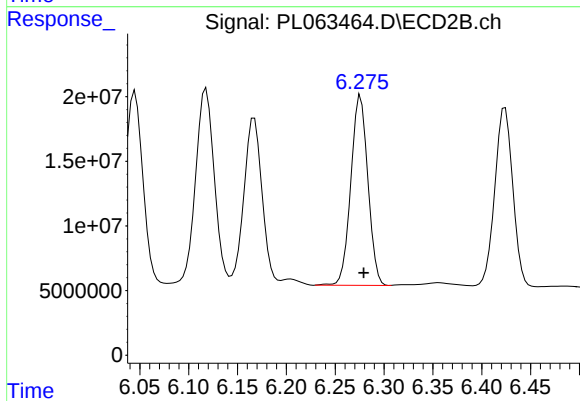
#11 alpha-Chlordane

R.T.: 6.118 min  
Delta R.T.: -0.002 min  
Response: 197646355  
Conc: 55.77 ng/ml



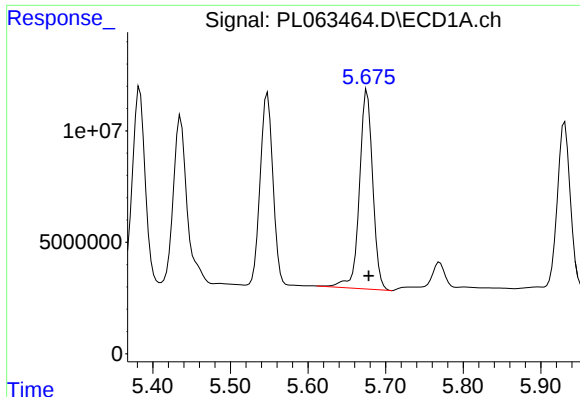
#12 4,4'-DDE

R.T.: 5.548 min  
Delta R.T.: -0.002 min  
Response: 98469581  
Conc: 57.98 ng/ml



#12 4,4'-DDE

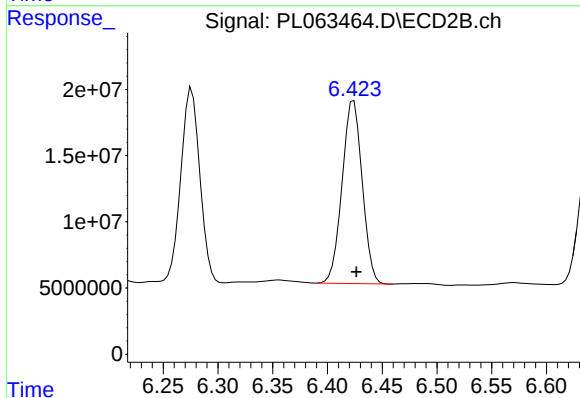
R.T.: 6.276 min  
Delta R.T.: -0.003 min  
Response: 178396518  
Conc: 50.94 ng/ml



#13 Dieldrin

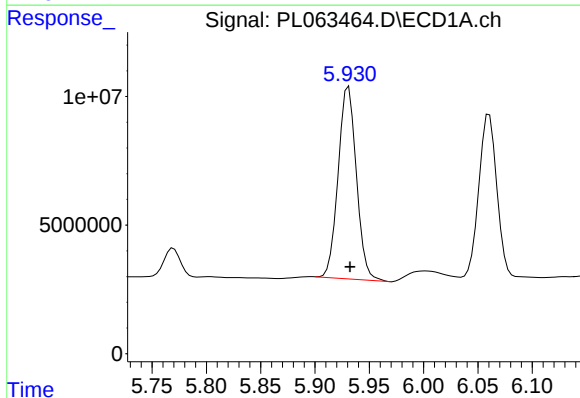
R.T.: 5.676 min  
Delta R.T.: -0.002 min  
Response: 106351067  
Conc: 58.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



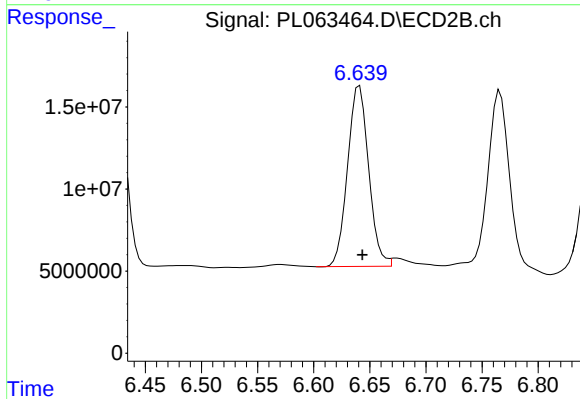
#13 Dieldrin

R.T.: 6.424 min  
Delta R.T.: -0.002 min  
Response: 176512594  
Conc: 51.38 ng/ml



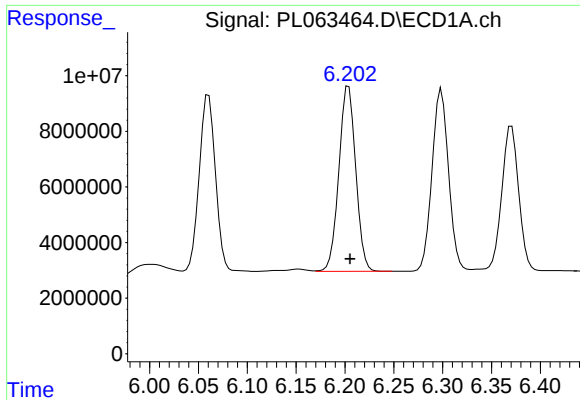
#14 Endrin

R.T.: 5.931 min  
Delta R.T.: -0.002 min  
Response: 87501083  
Conc: 52.13 ng/ml



#14 Endrin

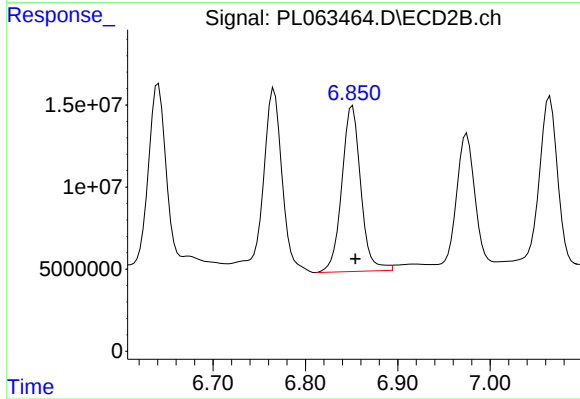
R.T.: 6.641 min  
Delta R.T.: -0.003 min  
Response: 143660360  
Conc: 49.11 ng/ml



#15 Endosulfan II

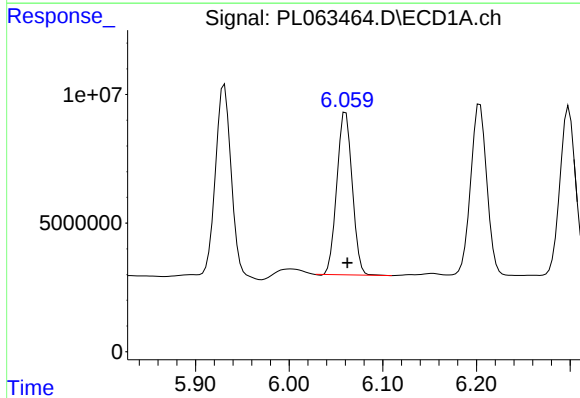
R.T.: 6.204 min  
Delta R.T.: -0.001 min  
Response: 80035589  
Conc: 45.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



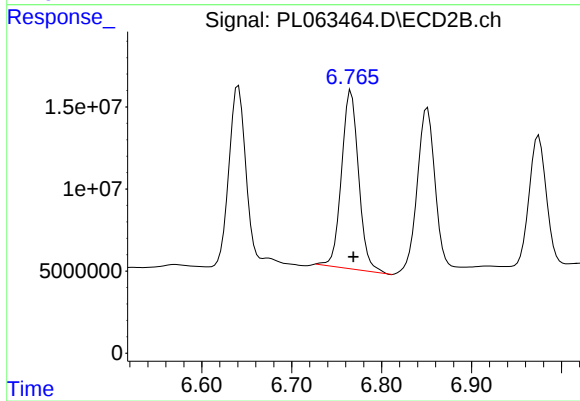
#15 Endosulfan II

R.T.: 6.851 min  
Delta R.T.: -0.003 min  
Response: 143903228  
Conc: 45.18 ng/ml



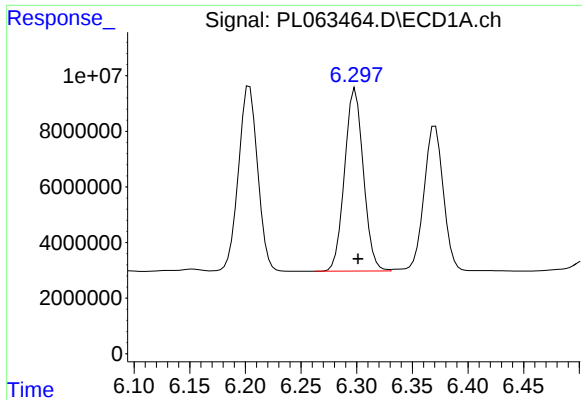
#16 4,4'-DDD

R.T.: 6.060 min  
Delta R.T.: -0.002 min  
Response: 72264933  
Conc: 48.14 ng/ml



#16 4,4'-DDD

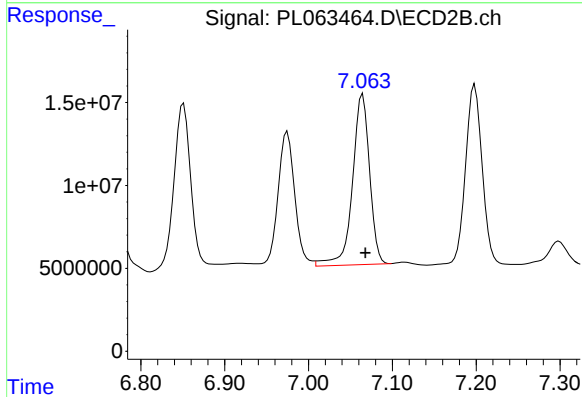
R.T.: 6.766 min  
Delta R.T.: -0.003 min  
Response: 143849980  
Conc: 53.07 ng/ml



#17 4,4'-DDT

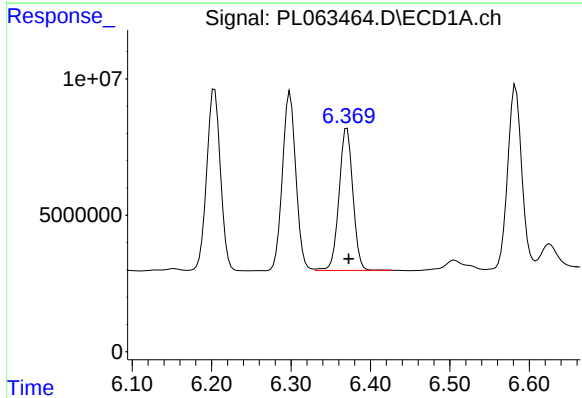
R.T.: 6.299 min  
Delta R.T.: -0.002 min  
Response: 77123960  
Conc: 56.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



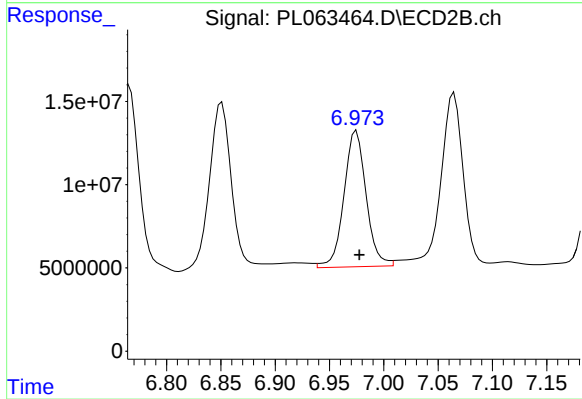
#17 4,4'-DDT

R.T.: 7.065 min  
Delta R.T.: -0.003 min  
Response: 146133849  
Conc: 57.15 ng/ml



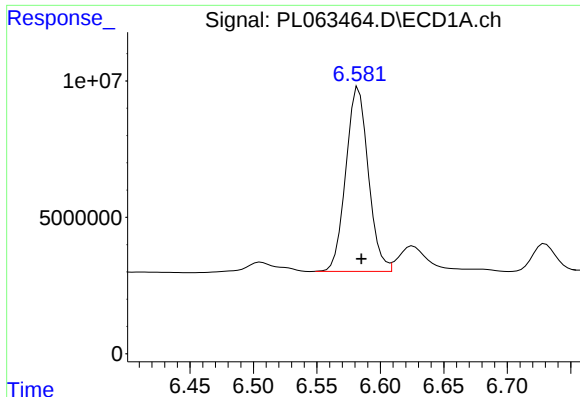
#18 Endrin aldehyde

R.T.: 6.371 min  
Delta R.T.: -0.002 min  
Response: 63324670  
Conc: 41.31 ng/ml



#18 Endrin aldehyde

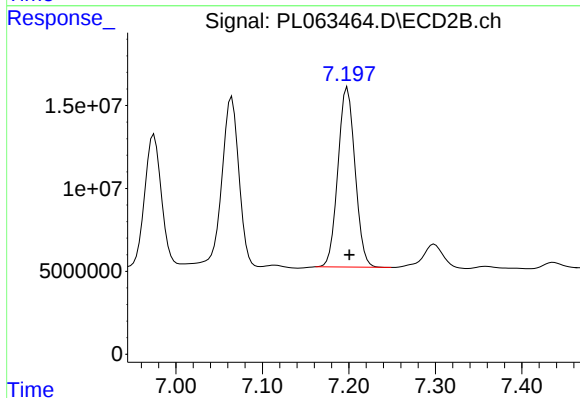
R.T.: 6.975 min  
Delta R.T.: -0.003 min  
Response: 116154165  
Conc: 45.52 ng/ml



#19 Endosulfan Sulfate

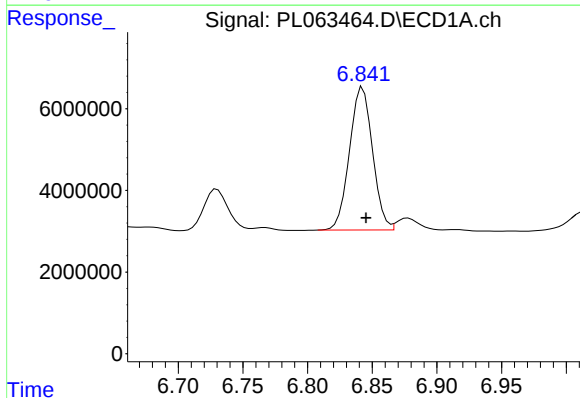
R.T.: 6.583 min  
Delta R.T.: -0.002 min  
Response: 83094307  
Conc: 48.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



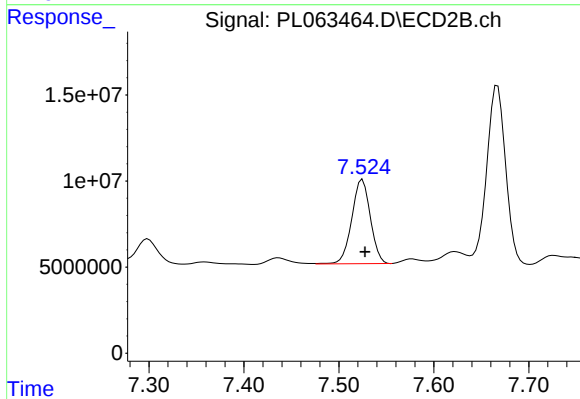
#19 Endosulfan Sulfate

R.T.: 7.198 min  
Delta R.T.: -0.003 min  
Response: 148011567  
Conc: 53.21 ng/ml



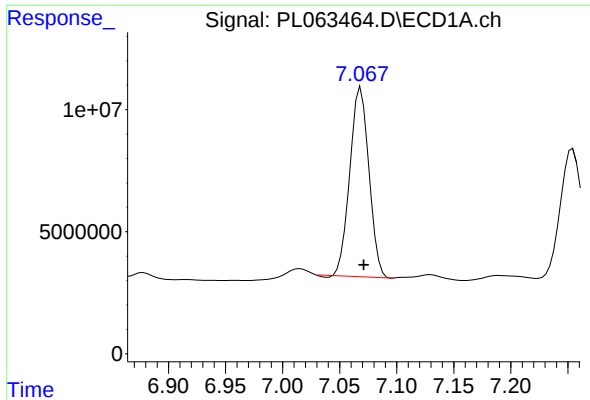
#20 Methoxychlor

R.T.: 6.843 min  
Delta R.T.: -0.003 min  
Response: 43335692  
Conc: 48.70 ng/ml



#20 Methoxychlor

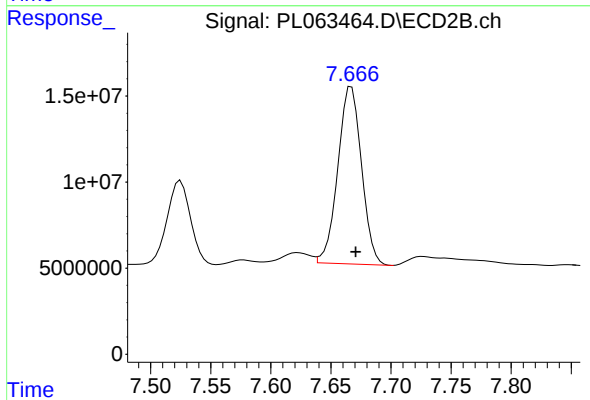
R.T.: 7.525 min  
Delta R.T.: -0.003 min  
Response: 66568091  
Conc: 47.73 ng/ml



#21 Endrin ketone

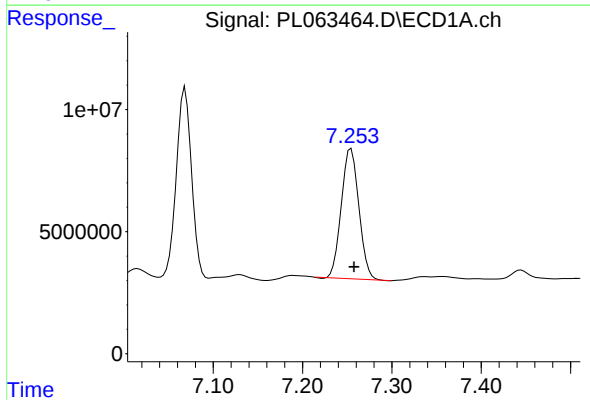
R.T.: 7.069 min  
Delta R.T.: -0.002 min  
Response: 89980876  
Conc: 45.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



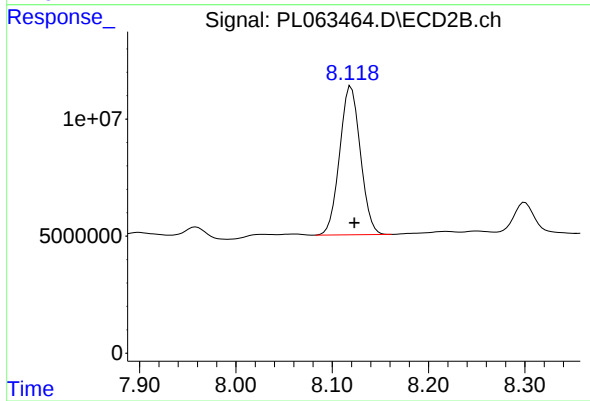
#21 Endrin ketone

R.T.: 7.667 min  
Delta R.T.: -0.004 min  
Response: 141637503  
Conc: 48.56 ng/ml



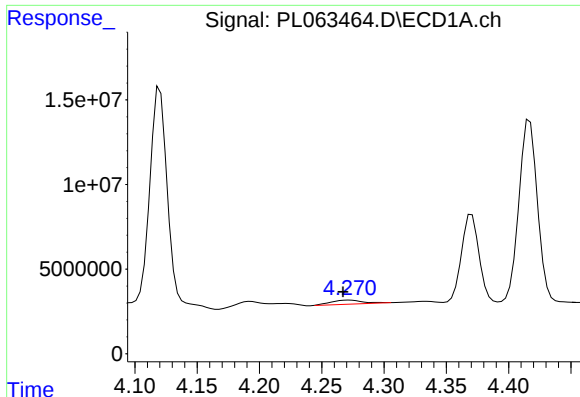
#22 Mirex

R.T.: 7.254 min  
Delta R.T.: -0.003 min  
Response: 72577185  
Conc: 45.71 ng/ml



#22 Mirex

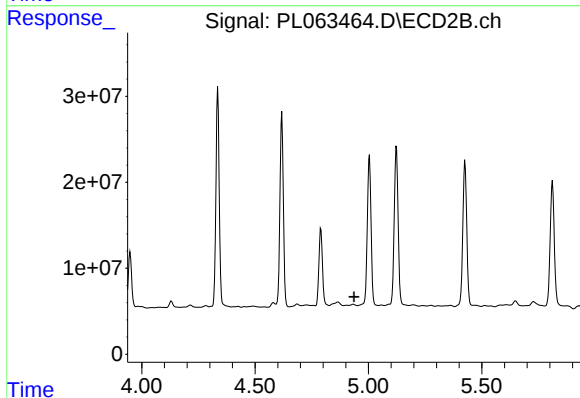
R.T.: 8.120 min  
Delta R.T.: -0.003 min  
Response: 94715126  
Conc: 47.54 ng/ml



#23 Chlordane-1

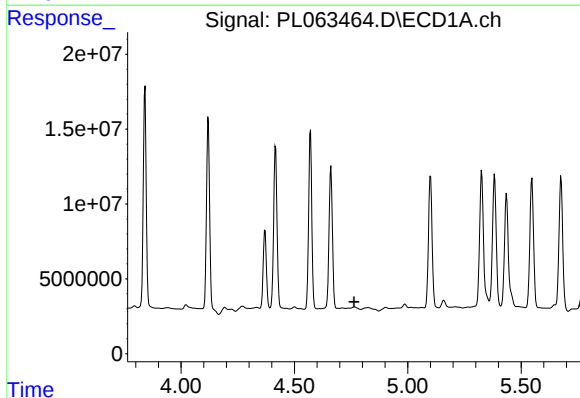
R.T.: 4.272 min  
Delta R.T.: 0.005 min  
Response: 4256914  
Conc: 77.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



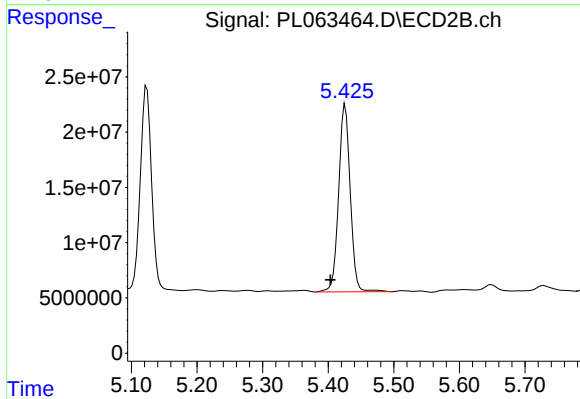
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.937 min  
Response: 0  
Conc: N.D.



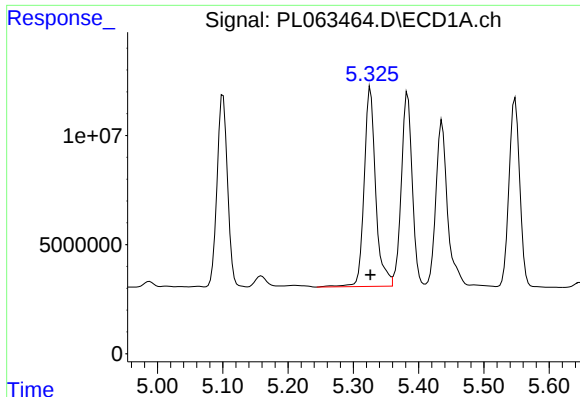
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.763 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

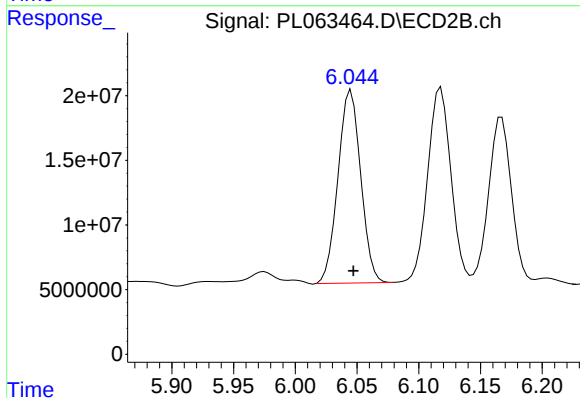
R.T.: 5.426 min  
Delta R.T.: 0.023 min  
Response: 208405314  
Conc: 1651.33 ng/ml



#25 Chlordane-3

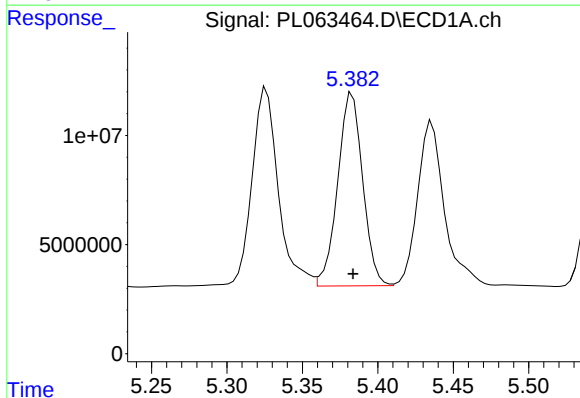
R.T.: 5.326 min  
Delta R.T.: 0.000 min  
Response: 112141836  
Conc: 647.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



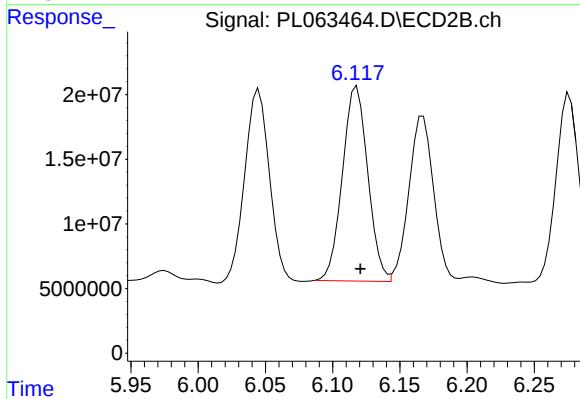
#25 Chlordane-3

R.T.: 6.045 min  
Delta R.T.: -0.002 min  
Response: 191292357  
Conc: 415.15 ng/ml



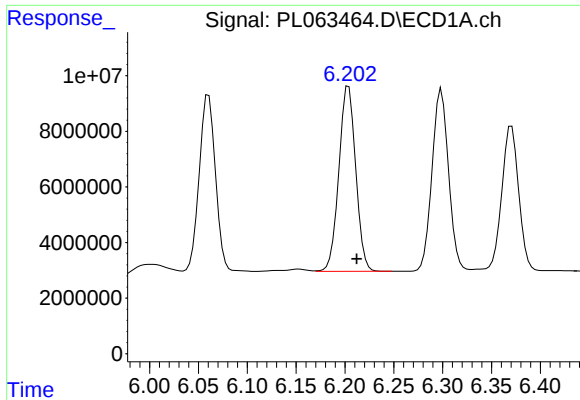
#26 Chlordane-4

R.T.: 5.383 min  
Delta R.T.: 0.000 min  
Response: 102109512  
Conc: 698.07 ng/ml



#26 Chlordane-4

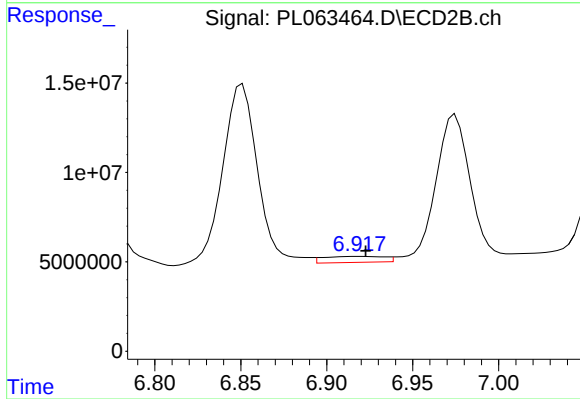
R.T.: 6.118 min  
Delta R.T.: -0.003 min  
Response: 197646355  
Conc: 360.49 ng/ml



#27 Chlordane-5

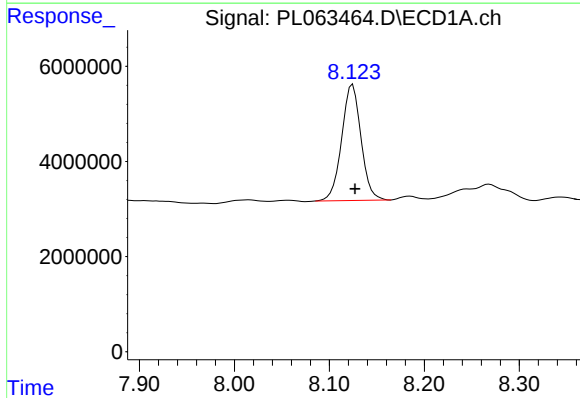
R.T.: 6.204 min  
Delta R.T.: -0.008 min  
Response: 80035589  
Conc: 1283.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



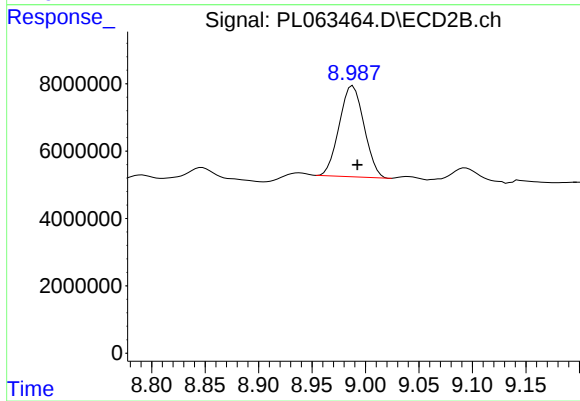
#27 Chlordane-5

R.T.: 6.919 min  
Delta R.T.: -0.004 min  
Response: 8277219  
Conc: 91.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.124 min  
Delta R.T.: -0.003 min  
Response: 34551087  
Conc: 17.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.988 min  
Delta R.T.: -0.004 min  
Response: 43655481  
Conc: 17.34 ng/ml