

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102320\  
 Data File : PL062574.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 Oct 2020 18:29  
 Operator : DD\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 23 18:47:41 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102120.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Oct 22 04:25:31 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... | 3.413  | 3.952  | 93584669 | 164.2E6  | 54.407   | 55.877     |
| 28)                         | SA Decachlor... | 8.129  | 8.991  | 78501008 | 112.3E6  | 48.932   | 53.679     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.845  | 4.339  | 140.1E6  | 255.6E6  | 54.939   | 57.521     |
| 3)                          | MA gamma-BHC... | 4.124  | 4.621  | 125.3E6  | 236.0E6  | 54.092   | 56.526     |
| 4)                          | MA Heptachlor   | 4.421  | 5.127  | 113.6E6  | 214.8E6  | 52.919   | 53.866     |
| 5)                          | MB Aldrin       | 4.665  | 5.430  | 104.2E6  | 201.4E6  | 54.573   | 55.651     |
| 6)                          | B beta-BHC      | 4.373  | 4.792  | 51847684 | 100.5E6  | 54.280   | 53.367     |
| 7)                          | B delta-BHC     | 4.574  | 5.007  | 119.8E6  | 208.5E6  | 55.119   | 59.570     |
| 8)                          | B Heptachlo...  | 5.104  | 5.815  | 106.4E6  | 194.4E6  | 58.317   | 60.025     |
| 9)                          | A Endosulfan I  | 5.439  | 6.171  | 90249442 | 163.5E6  | 53.989   | 51.828     |
| 10)                         | B gamma-Chl...  | 5.330  | 6.049  | 96728125 | 178.3E6  | 53.691   | 52.952     |
| 11)                         | B alpha-Chl...  | 5.387  | 6.121  | 96463742 | 175.4E6  | 53.361   | 52.055     |
| 12)                         | B 4,4'-DDE      | 5.552  | 6.280  | 89386427 | 166.4E6  | 54.028   | 51.656     |
| 13)                         | MA Dieldrin     | 5.681  | 6.427  | 94787967 | 165.4E6  | 53.644   | 51.665     |
| 14)                         | MA Endrin       | 5.935  | 6.644  | 82593398 | 133.4E6  | 49.642   | 47.796     |
| 15)                         | B Endosulfa...  | 6.208  | 6.854  | 85644365 | 140.5E6  | 51.948   | 49.158     |
| 16)                         | A 4,4'-DDD      | 6.064  | 6.769  | 82290678 | 142.7E6  | 58.177   | 55.736     |
| 17)                         | MA 4,4'-DDT     | 6.303  | 7.067  | 60807782 | 104.0E6  | 45.564   | 46.320     |
| 18)                         | B Endrin al...  | 6.374  | 6.978  | 73995933 | 118.5E6  | 50.958   | 51.969     |
| 19)                         | B Endosulfa...  | 6.587  | 7.200  | 83599561 | 128.8E6  | 50.659   | 53.672     |
| 20)                         | A Methoxychlor  | 6.847  | 7.526  | 37878785 | 57214840 | 43.979   | 46.309     |
| 21)                         | B Endrin ke...  | 7.073  | 7.669  | 95791855 | 135.5E6  | 53.129   | 57.157     |
| 22)                         | Mirex           | 7.259  | 8.122  | 69776341 | 90387755 | 49.218   | 53.042     |
| 23)                         | Chlordane-1     | 4.298f | 0.000  | 974671   | 0        | 18.907   | N.D. #     |
| 24)                         | Chlordane-2     | 0.000  | 5.430f | 0        | 201.4E6  | N.D.     | 1847.360 # |
| 25)                         | Chlordane-3     | 5.330  | 6.049  | 96728125 | 178.3E6  | 631.678  | 441.290 #  |
| 26)                         | Chlordane-4     | 5.387  | 6.121  | 96463742 | 175.4E6  | 740.544  | 362.118 #  |
| 27)                         | Chlordane-5     | 6.208  | 0.000  | 85644365 | 0        | 1775.173 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

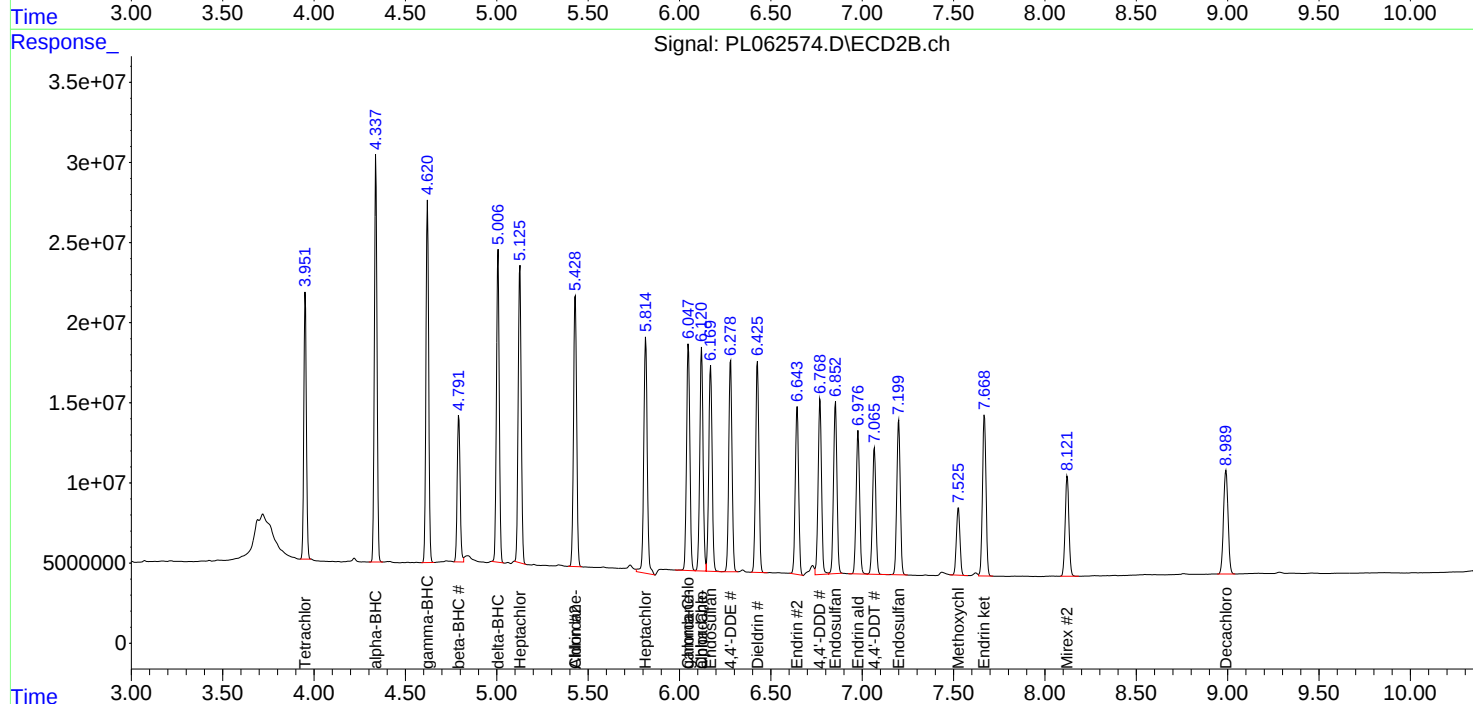
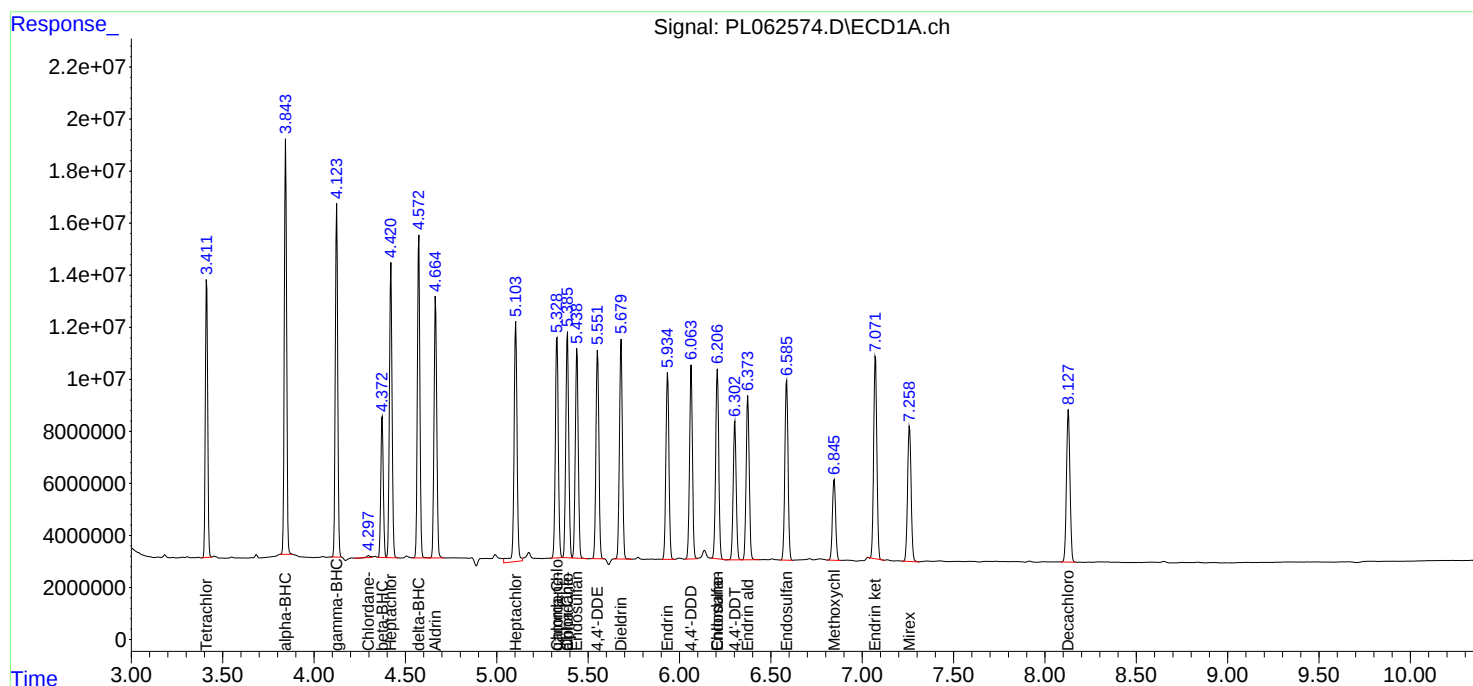
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

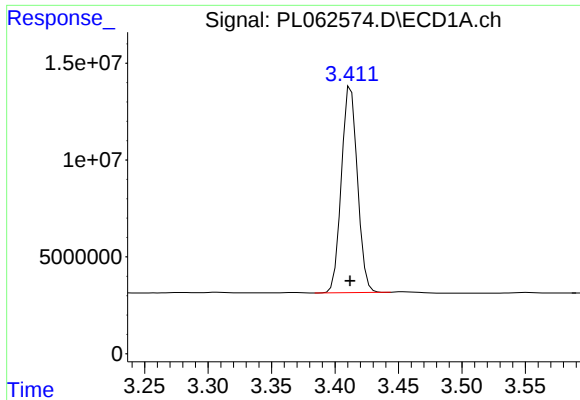
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102320\  
Data File : PL062574.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 Oct 2020 18:29  
Operator : DD\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 23 18:47:41 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102120.M  
Quant Title : GC Extractables  
QLast Update : Thu Oct 22 04:25:31 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

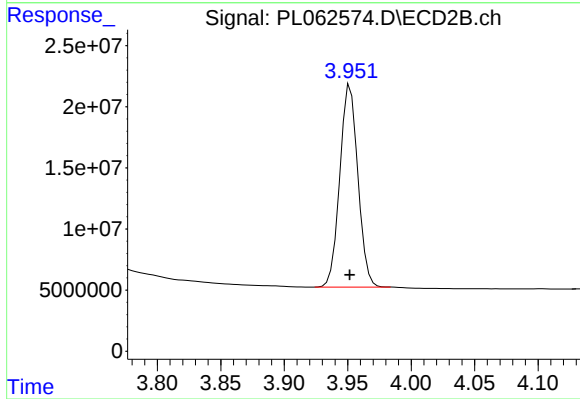




#1 Tetrachloro-m-xylene

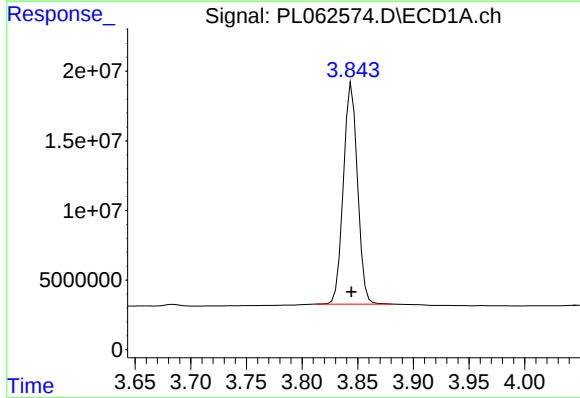
R.T.: 3.413 min  
Delta R.T.: 0.000 min  
Response: 93584669  
Conc: 54.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



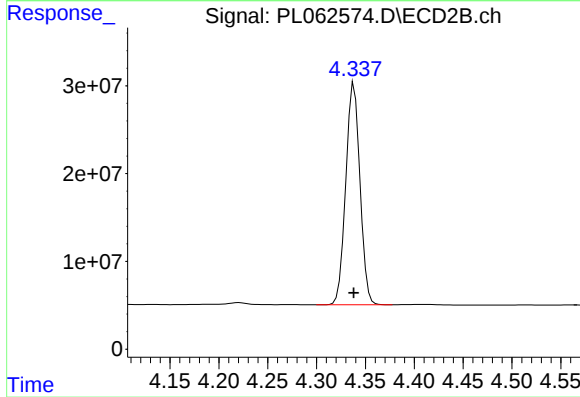
#1 Tetrachloro-m-xylene

R.T.: 3.952 min  
Delta R.T.: 0.000 min  
Response: 164205940  
Conc: 55.88 ng/ml



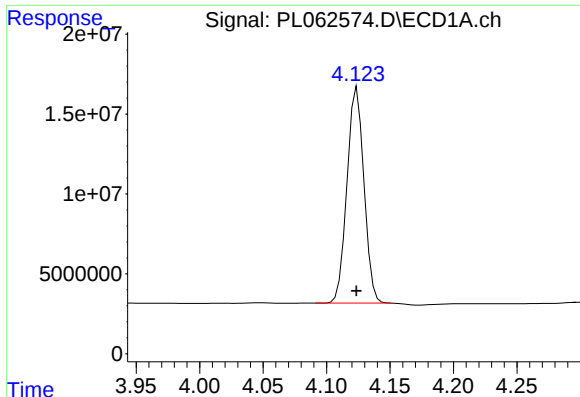
#2 alpha-BHC

R.T.: 3.845 min  
Delta R.T.: 0.000 min  
Response: 140078676  
Conc: 54.94 ng/ml



#2 alpha-BHC

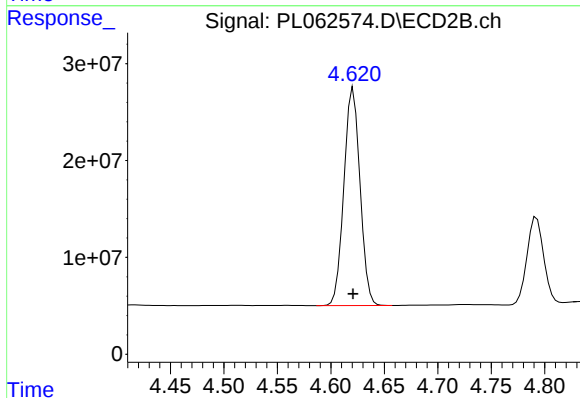
R.T.: 4.339 min  
Delta R.T.: 0.000 min  
Response: 255579757  
Conc: 57.52 ng/ml



#3 gamma-BHC (Lindane)

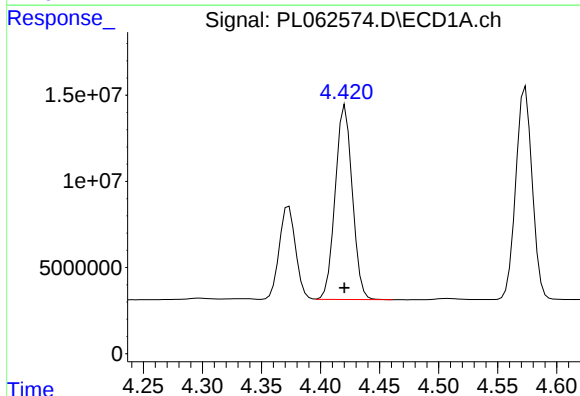
R.T.: 4.124 min  
Delta R.T.: 0.000 min  
Response: 125313472  
Conc: 54.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



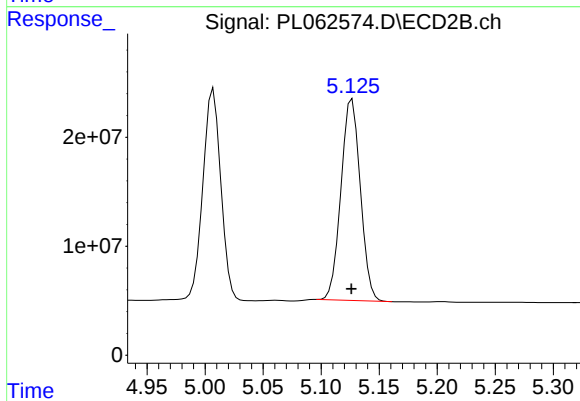
#3 gamma-BHC (Lindane)

R.T.: 4.621 min  
Delta R.T.: 0.000 min  
Response: 236038409  
Conc: 56.53 ng/ml



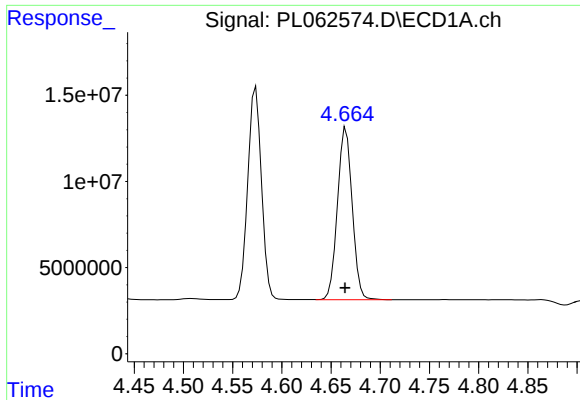
#4 Heptachlor

R.T.: 4.421 min  
Delta R.T.: 0.000 min  
Response: 113553796  
Conc: 52.92 ng/ml



#4 Heptachlor

R.T.: 5.127 min  
Delta R.T.: 0.000 min  
Response: 214814343  
Conc: 53.87 ng/ml



#5 Aldrin

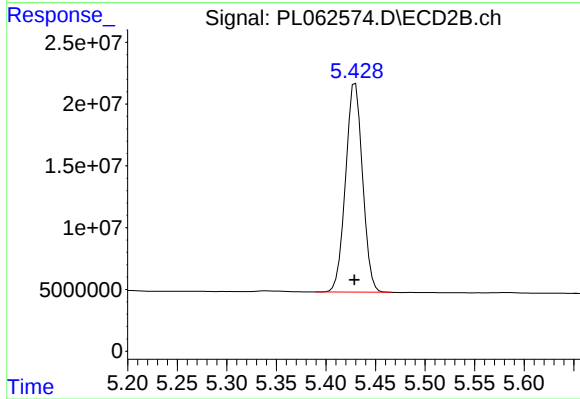
R.T.: 4.665 min

Delta R.T.: 0.000 min

Response: 104166189

Conc: 54.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



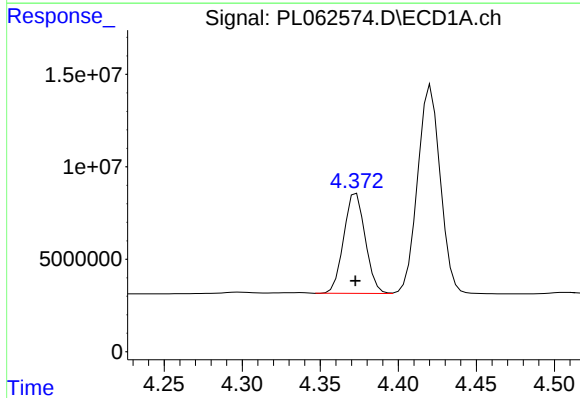
#5 Aldrin

R.T.: 5.430 min

Delta R.T.: 0.001 min

Response: 201428680

Conc: 55.65 ng/ml



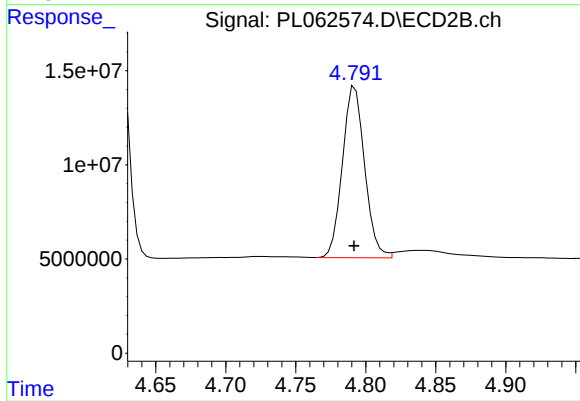
#6 beta-BHC

R.T.: 4.373 min

Delta R.T.: 0.000 min

Response: 51847684

Conc: 54.28 ng/ml



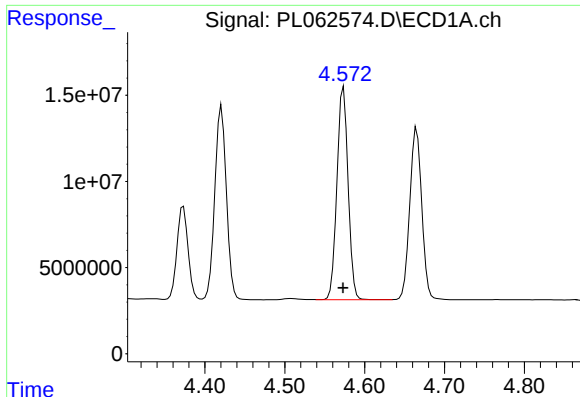
#6 beta-BHC

R.T.: 4.792 min

Delta R.T.: 0.000 min

Response: 100491049

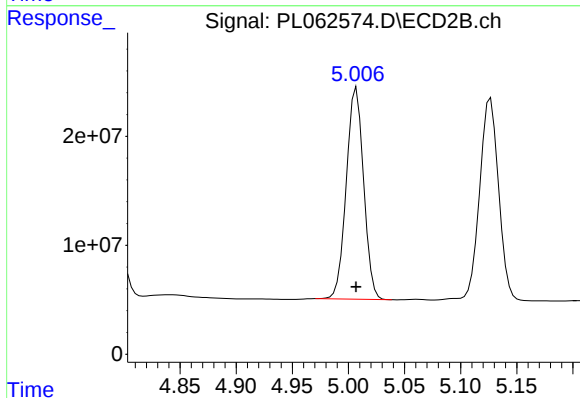
Conc: 53.37 ng/ml



#7 delta-BHC

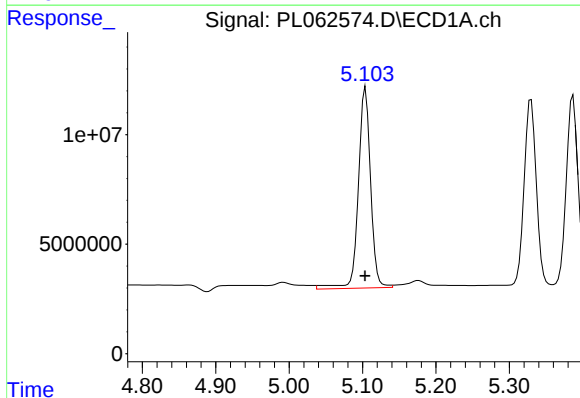
R.T.: 4.574 min  
Delta R.T.: 0.000 min  
Response: 119785208  
Conc: 55.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



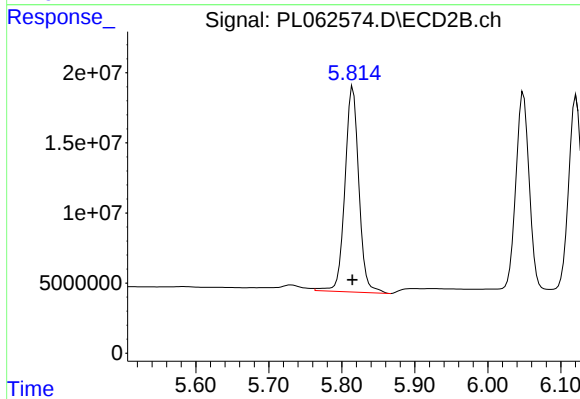
#7 delta-BHC

R.T.: 5.007 min  
Delta R.T.: 0.000 min  
Response: 208464206  
Conc: 59.57 ng/ml



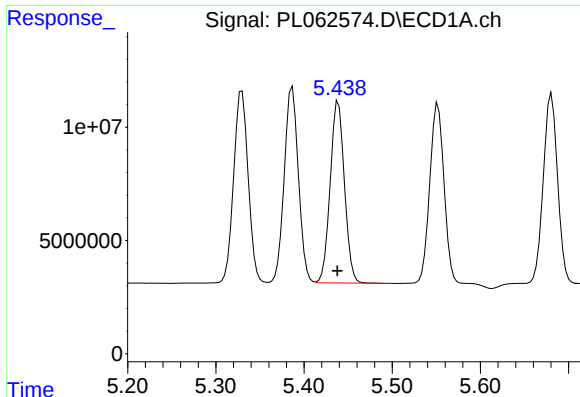
#8 Heptachlor epoxide

R.T.: 5.104 min  
Delta R.T.: 0.000 min  
Response: 106404230  
Conc: 58.32 ng/ml



#8 Heptachlor epoxide

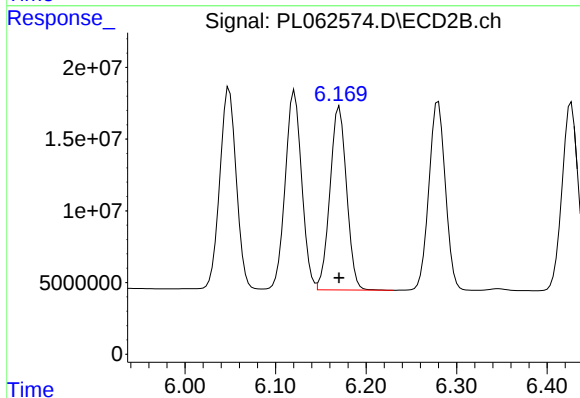
R.T.: 5.815 min  
Delta R.T.: 0.000 min  
Response: 194398748  
Conc: 60.03 ng/ml



#9 Endosulfan I

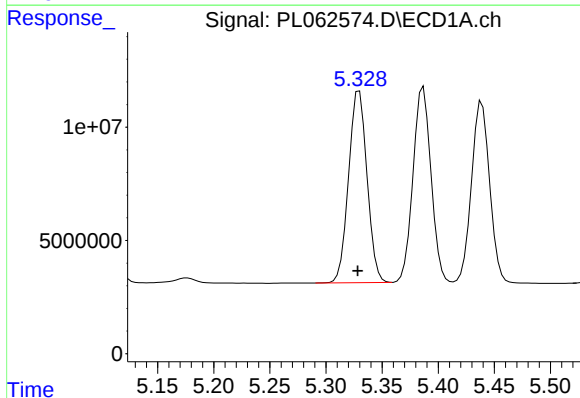
R.T.: 5.439 min  
Delta R.T.: 0.001 min  
Response: 90249442  
Conc: 53.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



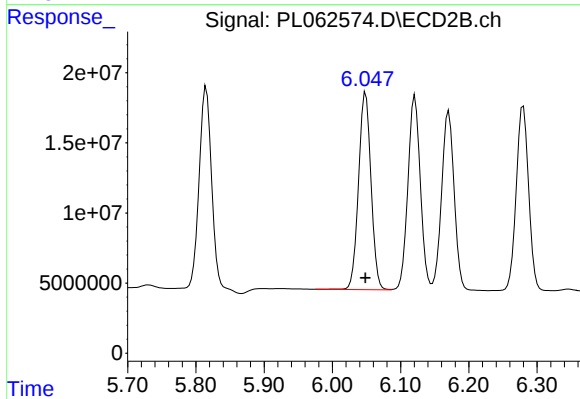
#9 Endosulfan I

R.T.: 6.171 min  
Delta R.T.: 0.000 min  
Response: 163456980  
Conc: 51.83 ng/ml



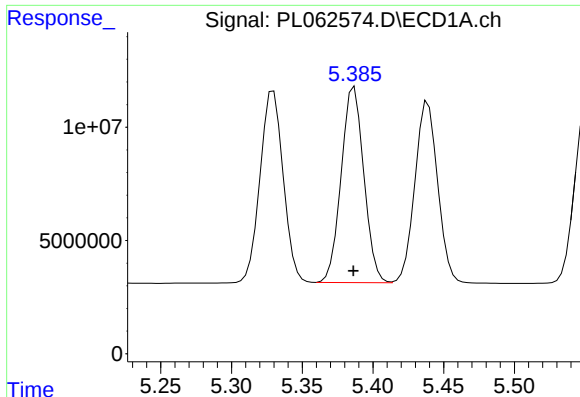
#10 gamma-Chlordane

R.T.: 5.330 min  
Delta R.T.: 0.001 min  
Response: 96728125  
Conc: 53.69 ng/ml



#10 gamma-Chlordane

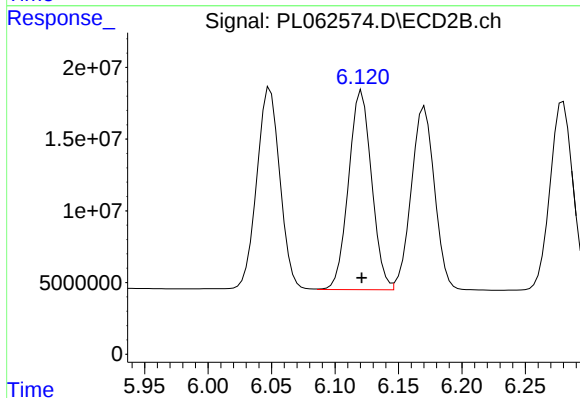
R.T.: 6.049 min  
Delta R.T.: 0.000 min  
Response: 178255267  
Conc: 52.95 ng/ml



#11 alpha-Chlordane

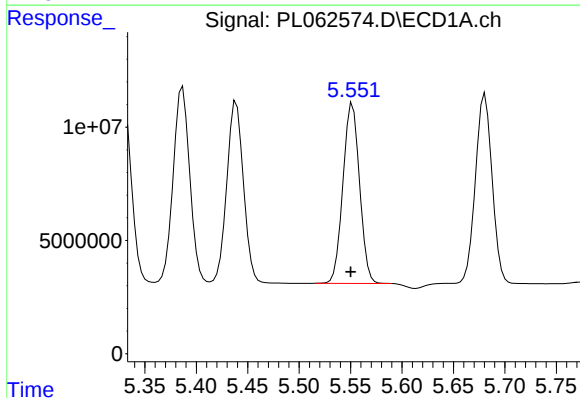
R.T.: 5.387 min  
Delta R.T.: 0.000 min  
Response: 96463742  
Conc: 53.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



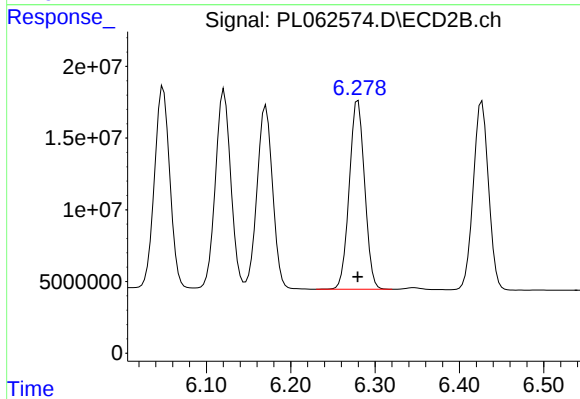
#11 alpha-Chlordane

R.T.: 6.121 min  
Delta R.T.: 0.000 min  
Response: 175369047  
Conc: 52.06 ng/ml



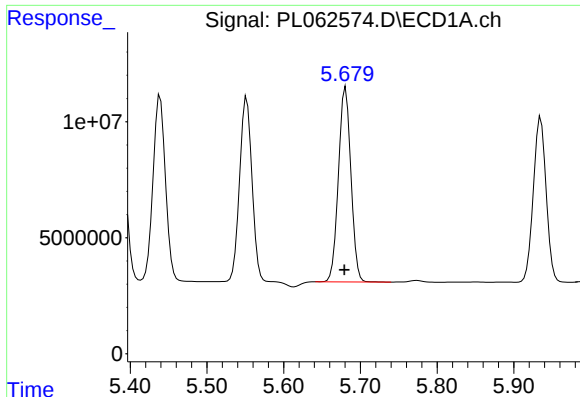
#12 4,4'-DDE

R.T.: 5.552 min  
Delta R.T.: 0.002 min  
Response: 89386427  
Conc: 54.03 ng/ml



#12 4,4'-DDE

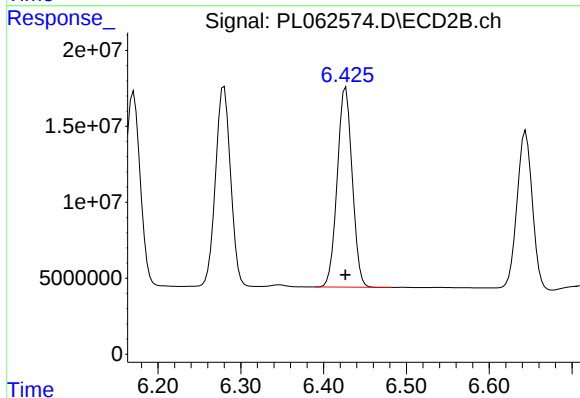
R.T.: 6.280 min  
Delta R.T.: 0.000 min  
Response: 166436270  
Conc: 51.66 ng/ml



#13 Dieldrin

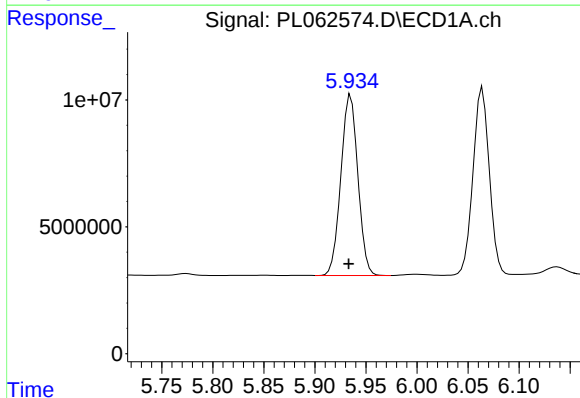
R.T.: 5.681 min  
Delta R.T.: 0.002 min  
Response: 94787967  
Conc: 53.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



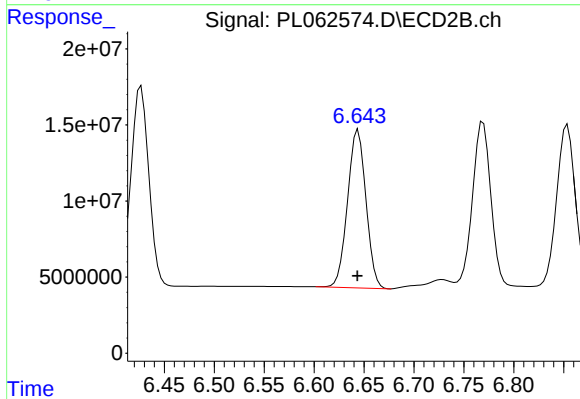
#13 Dieldrin

R.T.: 6.427 min  
Delta R.T.: 0.000 min  
Response: 165373470  
Conc: 51.67 ng/ml



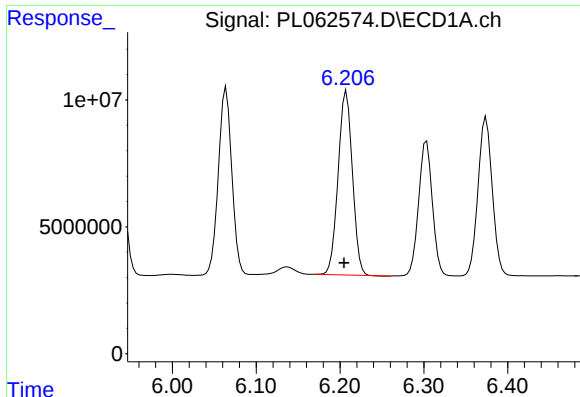
#14 Endrin

R.T.: 5.935 min  
Delta R.T.: 0.002 min  
Response: 82593398  
Conc: 49.64 ng/ml



#14 Endrin

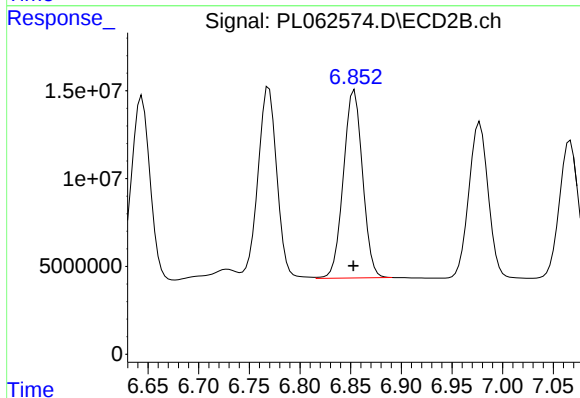
R.T.: 6.644 min  
Delta R.T.: 0.000 min  
Response: 133403959  
Conc: 47.80 ng/ml



#15 Endosulfan II

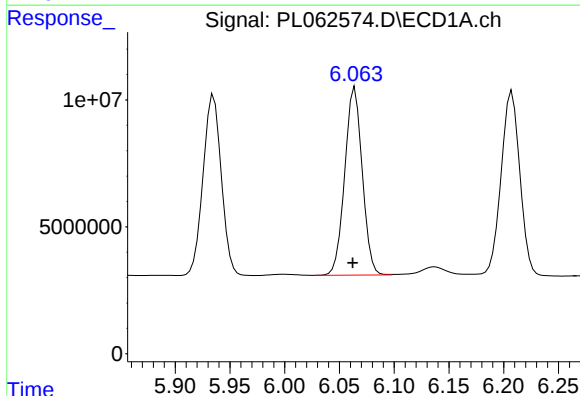
R.T.: 6.208 min  
Delta R.T.: 0.003 min  
Response: 85644365  
Conc: 51.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



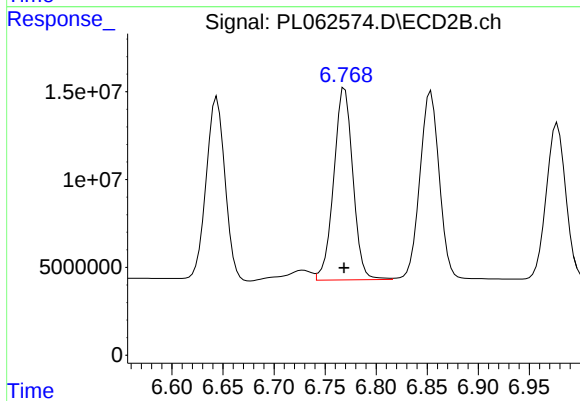
#15 Endosulfan II

R.T.: 6.854 min  
Delta R.T.: 0.001 min  
Response: 140525305  
Conc: 49.16 ng/ml



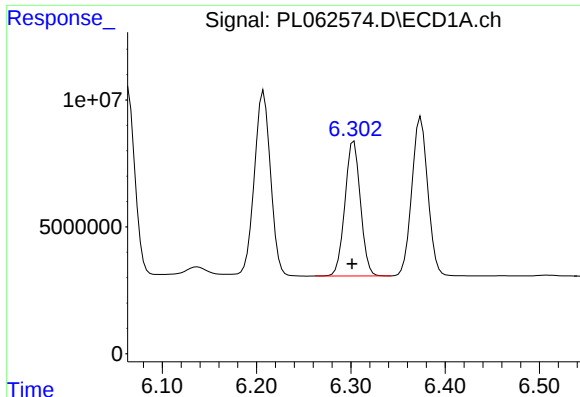
#16 4,4'-DDD

R.T.: 6.064 min  
Delta R.T.: 0.002 min  
Response: 82290678  
Conc: 58.18 ng/ml



#16 4,4'-DDD

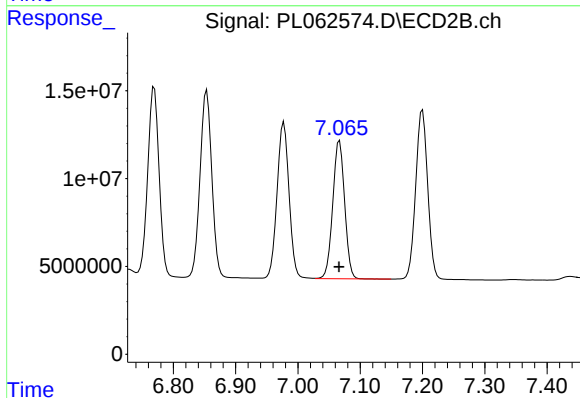
R.T.: 6.769 min  
Delta R.T.: 0.000 min  
Response: 142683380  
Conc: 55.74 ng/ml



#17 4,4'-DDT

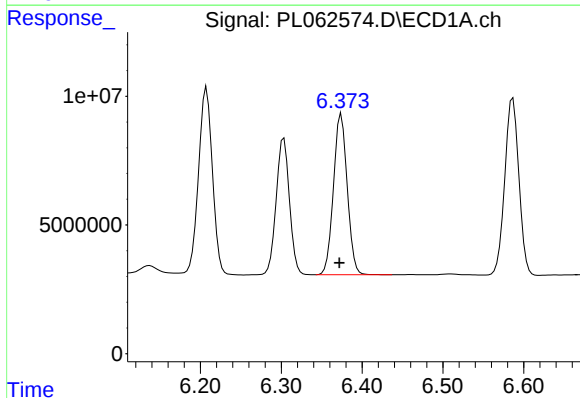
R.T.: 6.303 min  
Delta R.T.: 0.002 min  
Response: 60807782  
Conc: 45.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



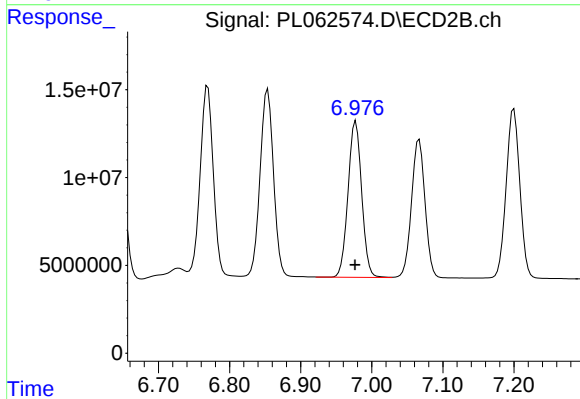
#17 4,4'-DDT

R.T.: 7.067 min  
Delta R.T.: 0.000 min  
Response: 104000862  
Conc: 46.32 ng/ml



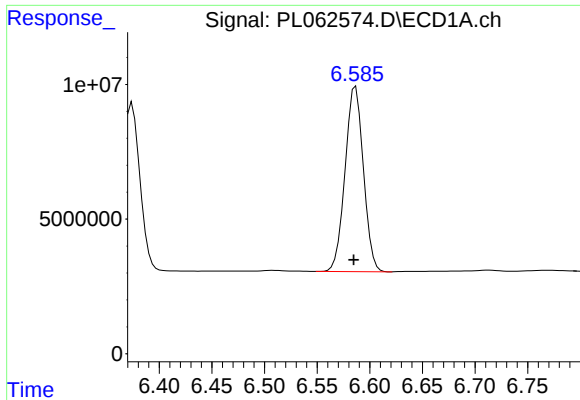
#18 Endrin aldehyde

R.T.: 6.374 min  
Delta R.T.: 0.002 min  
Response: 73995933  
Conc: 50.96 ng/ml



#18 Endrin aldehyde

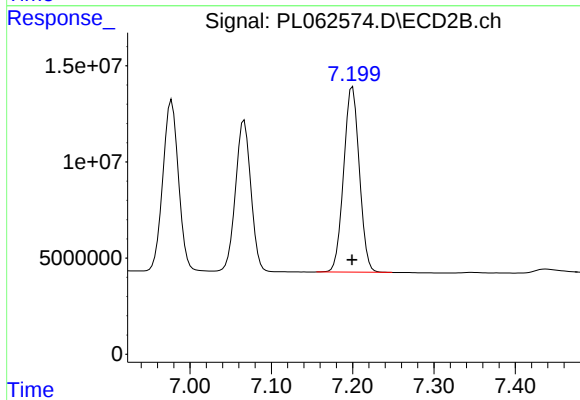
R.T.: 6.978 min  
Delta R.T.: 0.001 min  
Response: 118520829  
Conc: 51.97 ng/ml



#19 Endosulfan Sulfate

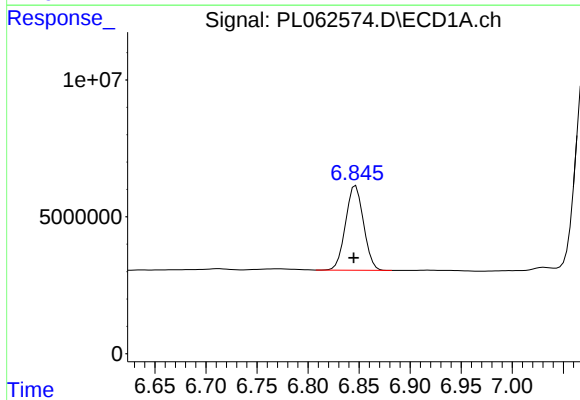
R.T.: 6.587 min  
Delta R.T.: 0.002 min  
Response: 83599561  
Conc: 50.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



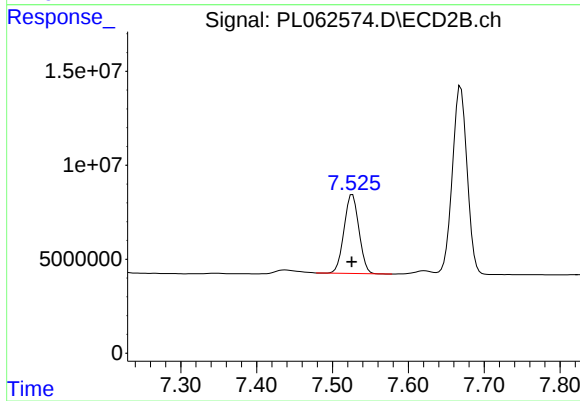
#19 Endosulfan Sulfate

R.T.: 7.200 min  
Delta R.T.: 0.000 min  
Response: 128770279  
Conc: 53.67 ng/ml



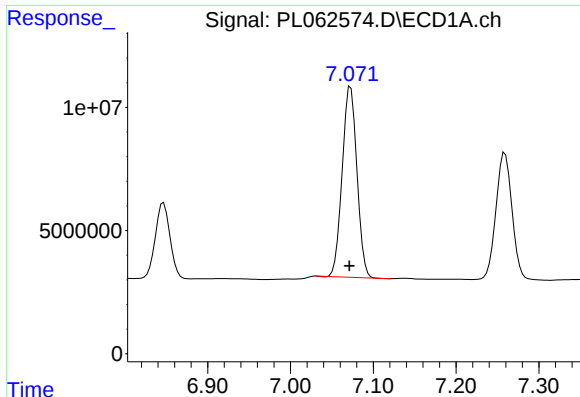
#20 Methoxychlor

R.T.: 6.847 min  
Delta R.T.: 0.002 min  
Response: 37878785  
Conc: 43.98 ng/ml



#20 Methoxychlor

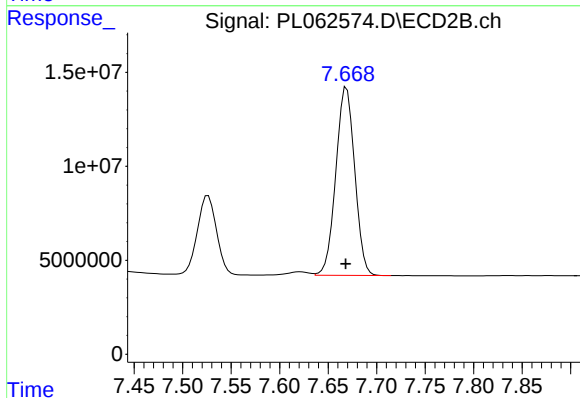
R.T.: 7.526 min  
Delta R.T.: 0.000 min  
Response: 57214840  
Conc: 46.31 ng/ml



#21 Endrin ketone

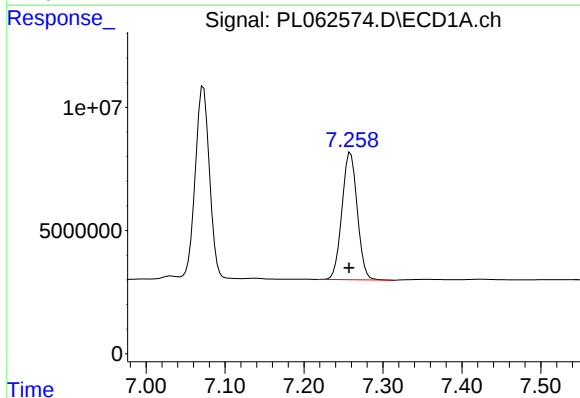
R.T.: 7.073 min  
Delta R.T.: 0.002 min  
Response: 95791855  
Conc: 53.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



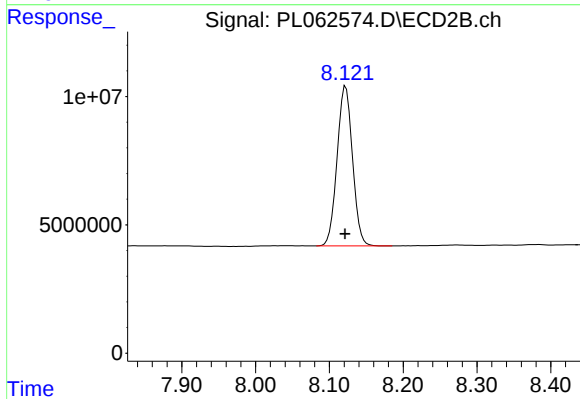
#21 Endrin ketone

R.T.: 7.669 min  
Delta R.T.: 0.000 min  
Response: 135451206  
Conc: 57.16 ng/ml



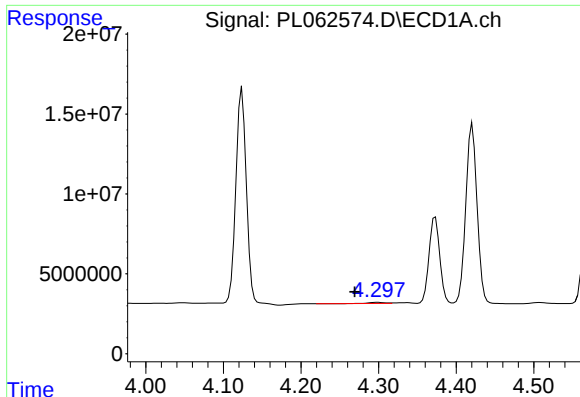
#22 Mirex

R.T.: 7.259 min  
Delta R.T.: 0.002 min  
Response: 69776341  
Conc: 49.22 ng/ml



#22 Mirex

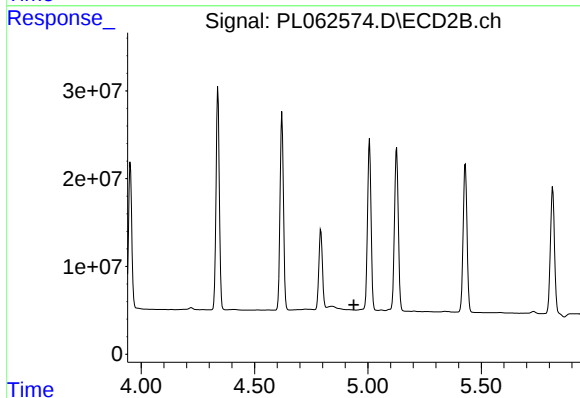
R.T.: 8.122 min  
Delta R.T.: 0.001 min  
Response: 90387755  
Conc: 53.04 ng/ml



#23 Chlordane-1

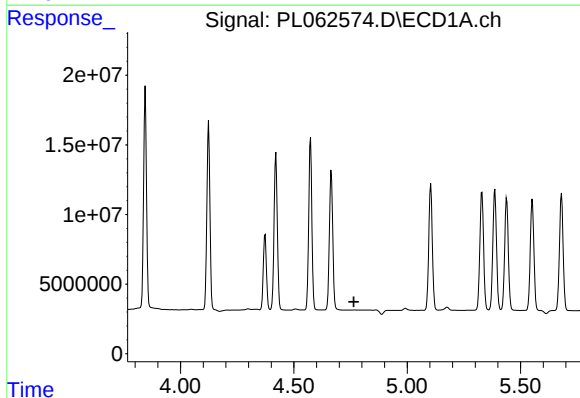
R.T.: 4.298 min  
Delta R.T.: 0.029 min  
Response: 974671  
Conc: 18.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



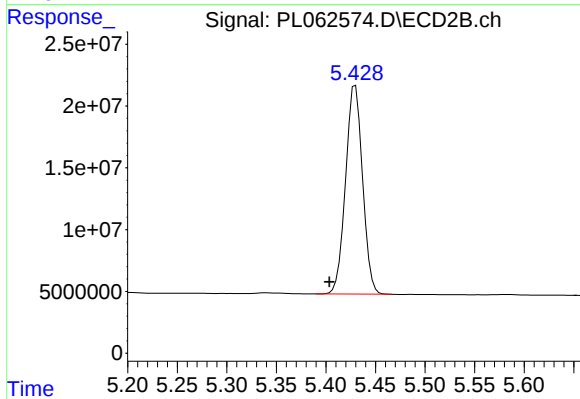
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.938 min  
Response: 0  
Conc: N.D.



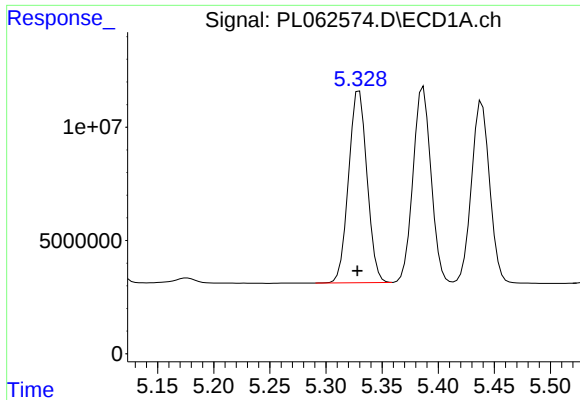
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.765 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

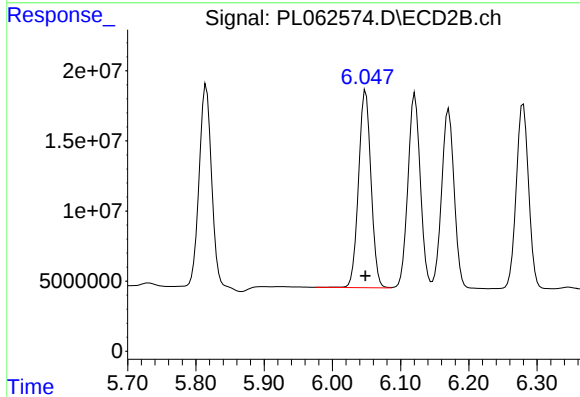
R.T.: 5.430 min  
Delta R.T.: 0.026 min  
Response: 201428680  
Conc: 1847.36 ng/ml



#25 Chlordane-3

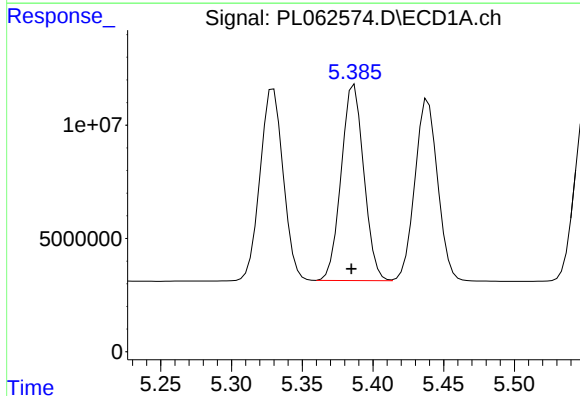
R.T.: 5.330 min  
Delta R.T.: 0.002 min  
Response: 96728125  
Conc: 631.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



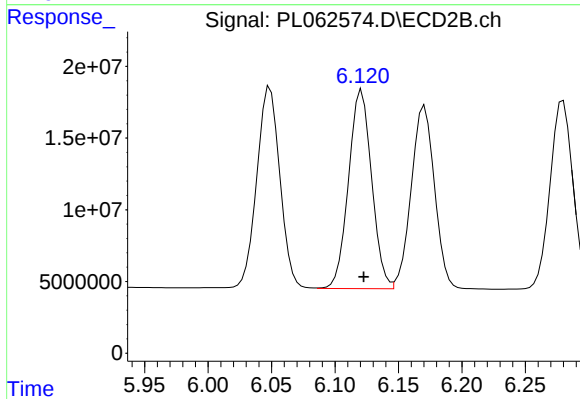
#25 Chlordane-3

R.T.: 6.049 min  
Delta R.T.: 0.000 min  
Response: 178255267  
Conc: 441.29 ng/ml



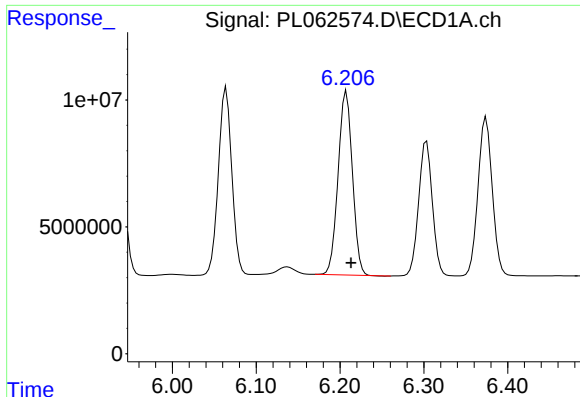
#26 Chlordane-4

R.T.: 5.387 min  
Delta R.T.: 0.002 min  
Response: 96463742  
Conc: 740.54 ng/ml



#26 Chlordane-4

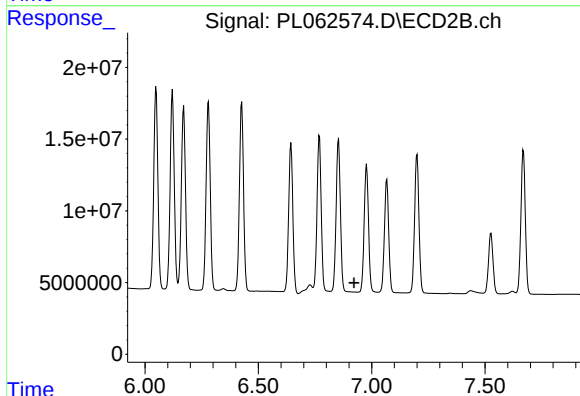
R.T.: 6.121 min  
Delta R.T.: -0.002 min  
Response: 175369047  
Conc: 362.12 ng/ml



#27 Chlordane-5

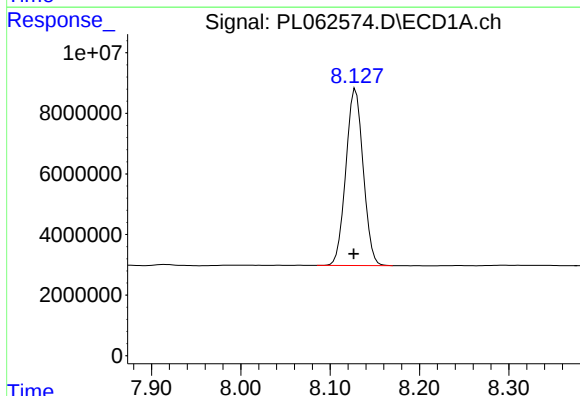
R.T.: 6.208 min  
Delta R.T.: -0.005 min  
Response: 85644365  
Conc: 1775.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



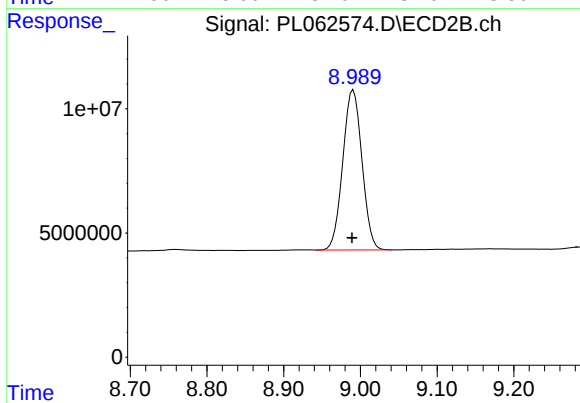
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T.: 6.923 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.129 min  
Delta R.T.: 0.002 min  
Response: 78501008  
Conc: 48.93 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.991 min  
Delta R.T.: 0.002 min  
Response: 112346891  
Conc: 53.68 ng/ml