

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL093022\  
 Data File : PL078018.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Sep 2022 18:04  
 Operator : AR\AJ  
 Sample : N4912-01MSD  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 30 23:45:06 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091222.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 13 13:26:11 2022  
 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... | 3.414  | 2.623  | 32411271 | 56369520 | 20.219   | 18.988    |
| 28)                         | SA Decachlor... | 8.902  | 7.718  | 17650470 | 26312091 | 13.657   | 10.482    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.879  | 3.115  | 134.0E6  | 225.6E6  | 56.484   | 49.754    |
| 3)                          | MA gamma-BHC... | 4.215  | 3.439  | 122.3E6  | 201.4E6  | 55.296   | 49.885    |
| 4)                          | MA Heptachlor   | 4.790  | 3.770  | 123.3E6  | 191.4E6  | 55.681   | 48.331    |
| 5)                          | MB Aldrin       | 5.130  | 4.044  | 119.5E6  | 198.2E6  | 60.132   | 52.236    |
| 6)                          | B beta-BHC      | 4.428  | 3.739  | 53225758 | 77109849 | 54.766   | 46.317    |
| 7)                          | B delta-BHC     | 4.671  | 3.962  | 111.7E6  | 201.0E6  | 54.403   | 49.529    |
| 8)                          | B Heptachlo...  | 5.564  | 4.543  | 103.6E6  | 169.2E6  | 59.414   | 50.026    |
| 9)                          | A Endosulfan I  | 5.949  | 4.908  | 92077215 | 150.8E6  | 57.130   | 47.780    |
| 10)                         | B gamma-Chl...  | 5.818  | 4.792  | 104.6E6  | 171.6E6  | 59.756   | 50.345    |
| 11)                         | B alpha-Chl...  | 5.895  | 4.854  | 102.1E6  | 165.5E6  | 59.112   | 49.980    |
| 12)                         | B 4,4'-DDE      | 6.074  | 5.048  | 89598272 | 164.6E6  | 56.285   | 50.575    |
| 13)                         | MA Dieldrin     | 6.226  | 5.171  | 95474681 | 177.6E6  | 59.153   | 53.562    |
| 14)                         | MA Endrin       | 6.459  | 5.443  | 79586712 | 150.4E6  | 57.547   | 52.741    |
| 15)                         | B Endosulfa...  | 6.686  | 5.740  | 82685869 | 142.3E6  | 59.858   | 54.006    |
| 16)                         | A 4,4'-DDD      | 6.599  | 5.601  | 74515273 | 136.7E6  | 63.641   | 52.781    |
| 17)                         | MA 4,4'-DDT     | 6.911  | 5.849  | 68130193 | 121.9E6  | 53.767   | 46.275    |
| 18)                         | B Endrin al...  | 6.818  | 5.919  | 66104390 | 111.6E6  | 62.511   | 54.075    |
| 19)                         | B Endosulfa...  | 7.050  | 6.142  | 74531789 | 133.7E6  | 58.201   | 49.717    |
| 20)                         | A Methoxychlor  | 7.391  | 6.426  | 36012064 | 65766459 | 54.526   | 48.025    |
| 21)                         | B Endrin ke...  | 7.539  | 6.641  | 77967379 | 146.5E6  | 56.425   | 48.367    |
| 22)                         | Mirex           | 7.999  | 6.816  | 59857794 | 103.9E6  | 57.008   | 48.331    |
| 23)                         | Chlordane-1     | 4.550f | 3.619f | 528469   | 5603117  | 8.501    | 51.564 #  |
| 24)                         | Chlordane-2     | 5.130f | 4.190f | 119.5E6  | 486079   | 1792.414 | 4.058 #   |
| 25)                         | Chlordane-3     | 5.818  | 4.792  | 104.6E6  | 171.6E6  | 424.855  | 498.827   |
| 26)                         | Chlordane-4     | 5.895  | 4.854  | 102.1E6  | 165.5E6  | 343.134  | 456.193 # |
| 27)                         | Chlordane-5     | 0.000  | 5.539f | 0        | 2556295  | N.D.     | 27.168 #  |
| -----                       |                 |        |        |          |          |          |           |

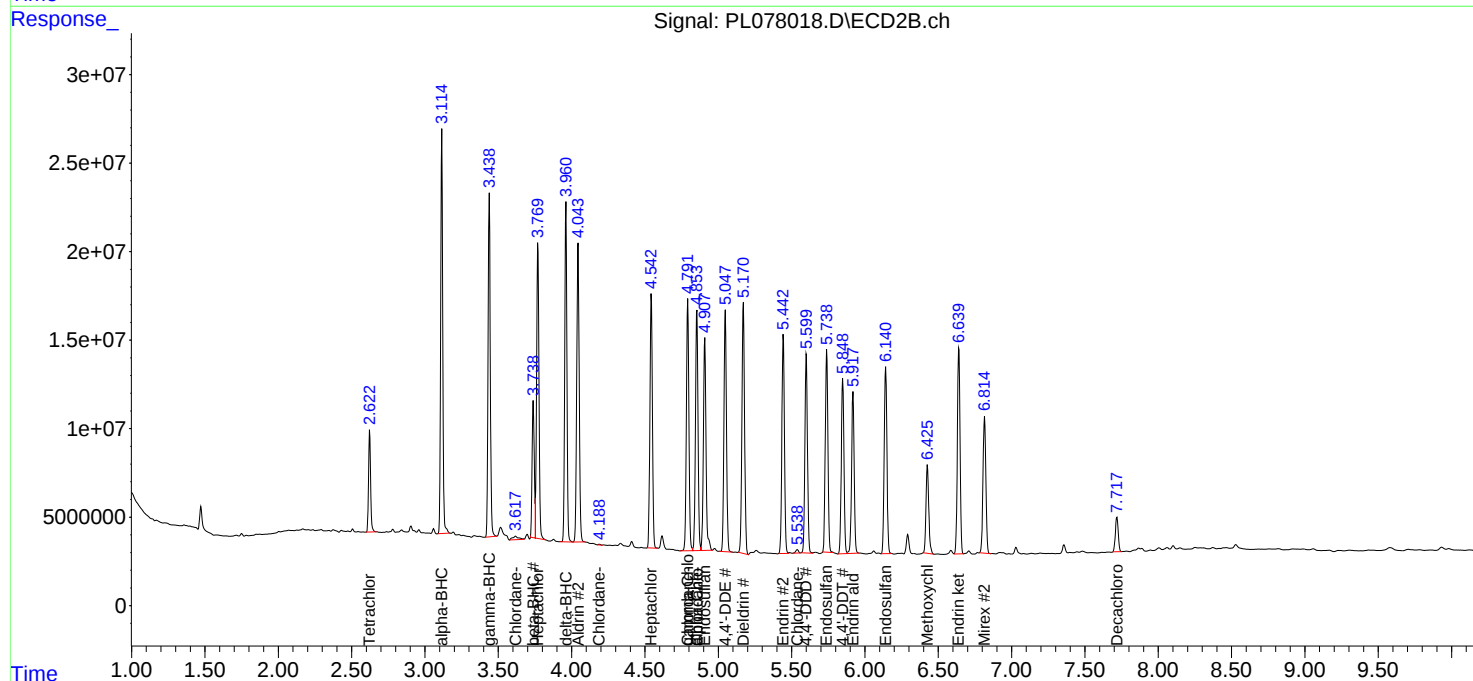
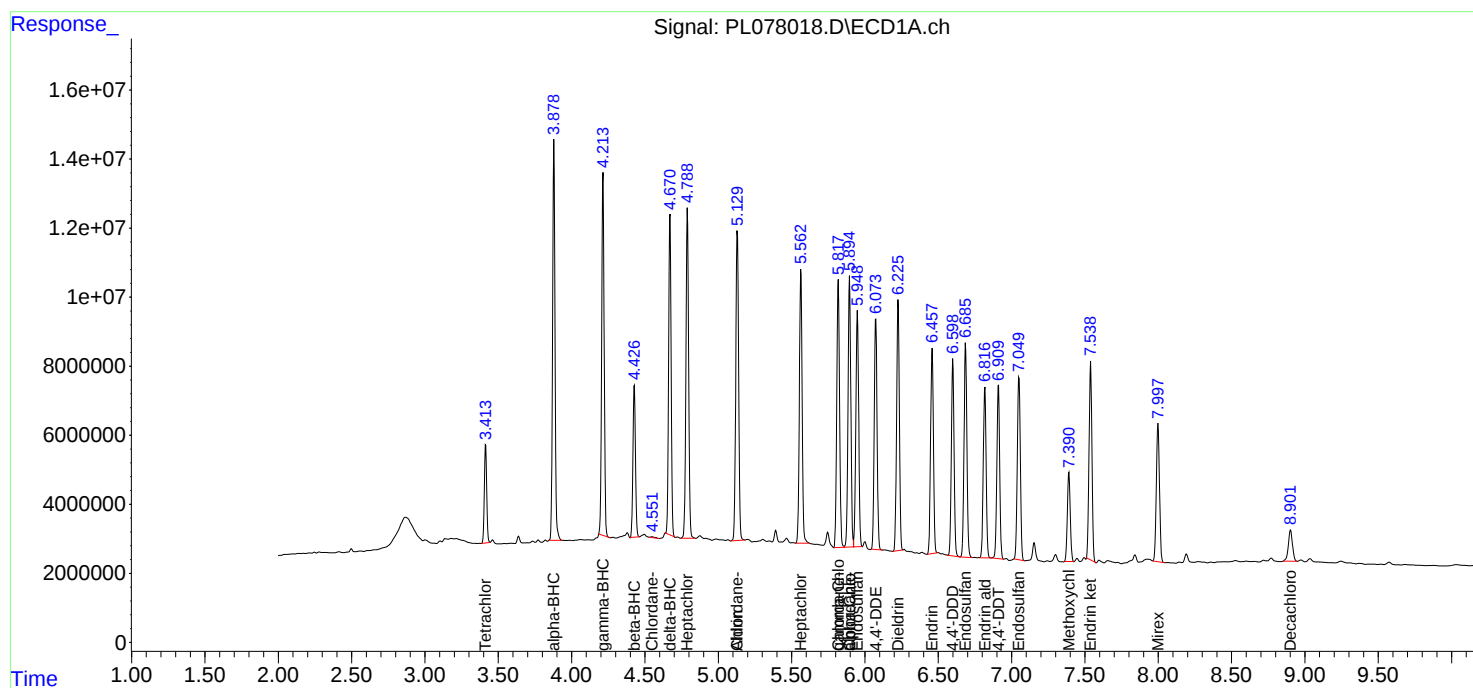
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

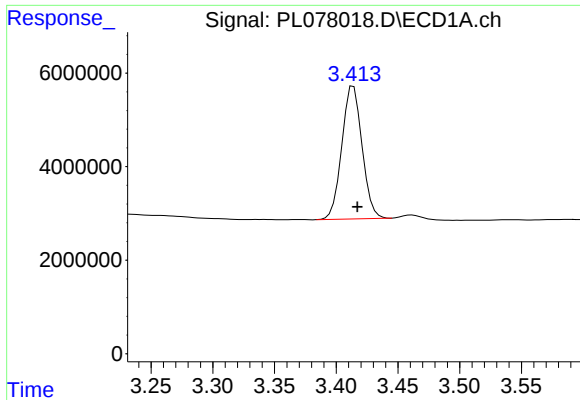
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL093022\  
Data File : PL078018.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Sep 2022 18:04  
Operator : AR\AJ  
Sample : N4912-01MSD  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 30 23:45:06 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091222.M  
Quant Title : GC Extractables  
QLast Update : Tue Sep 13 13:26:11 2022  
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

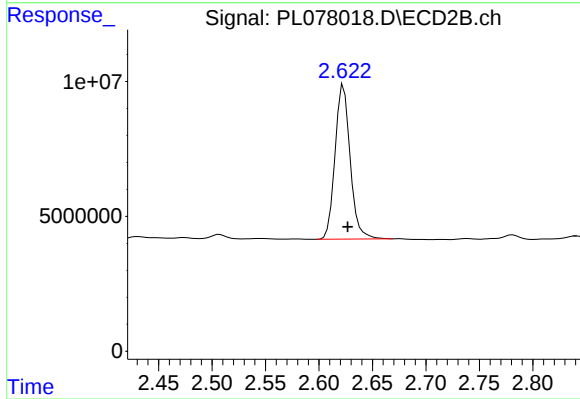




#1 Tetrachloro-m-xylene

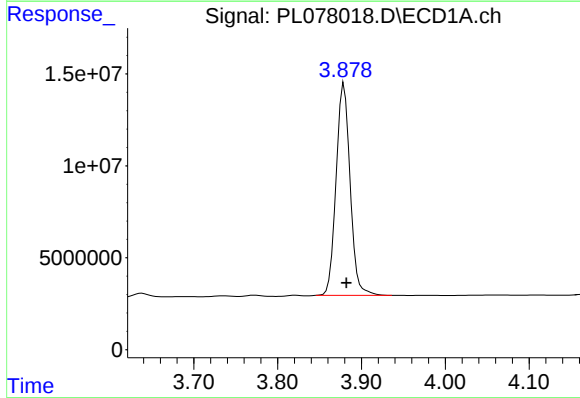
R.T.: 3.414 min  
Delta R.T.: -0.003 min  
Response: 32411271  
Conc: 20.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



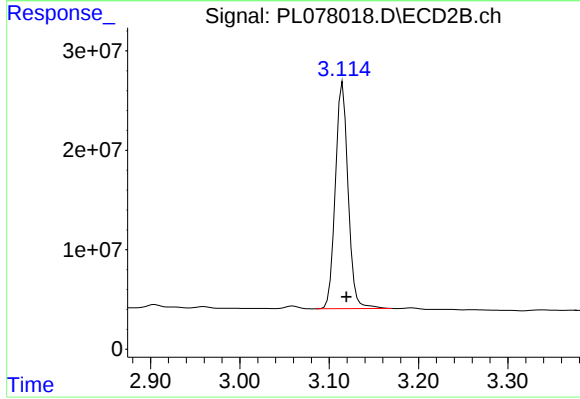
#1 Tetrachloro-m-xylene

R.T.: 2.623 min  
Delta R.T.: -0.004 min  
Response: 56369520  
Conc: 18.99 ng/ml



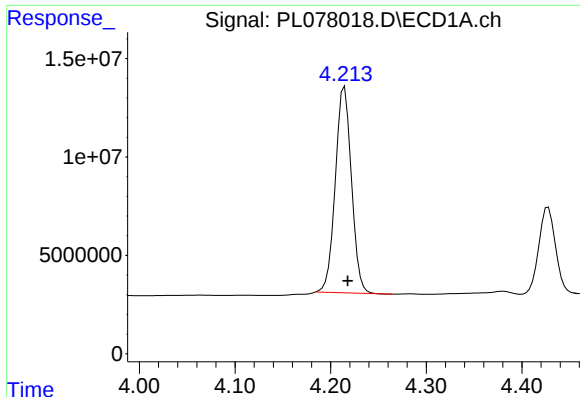
#2 alpha-BHC

R.T.: 3.879 min  
Delta R.T.: -0.003 min  
Response: 134042126  
Conc: 56.48 ng/ml



#2 alpha-BHC

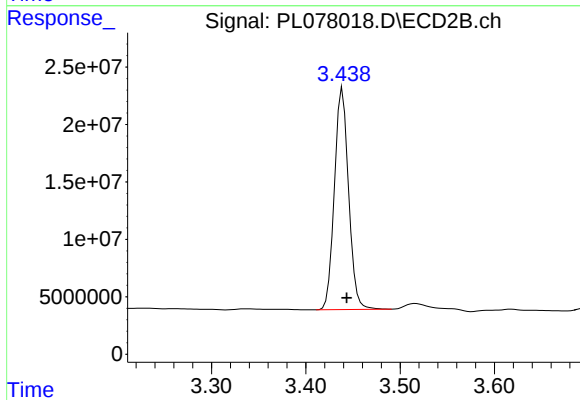
R.T.: 3.115 min  
Delta R.T.: -0.004 min  
Response: 225641929  
Conc: 49.75 ng/ml



#3 gamma-BHC (Lindane)

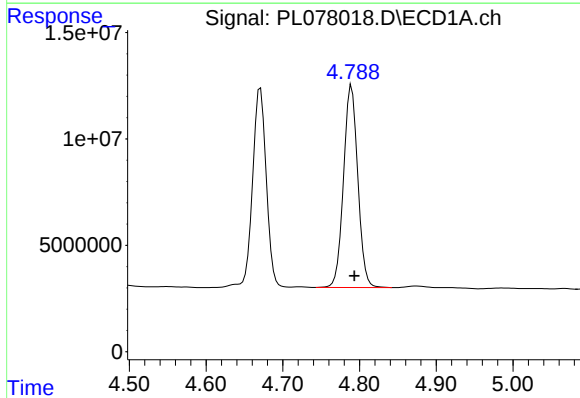
R.T.: 4.215 min  
Delta R.T.: -0.003 min  
Response: 122338237  
Conc: 55.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



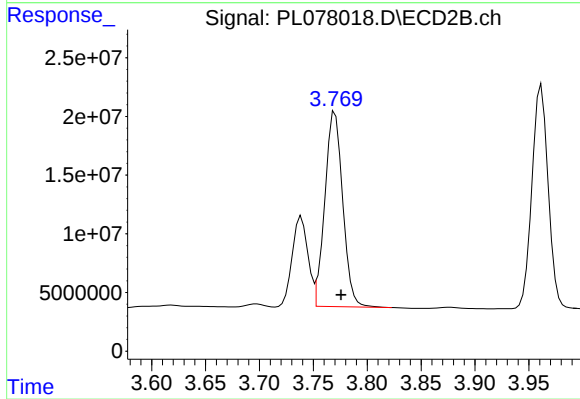
#3 gamma-BHC (Lindane)

R.T.: 3.439 min  
Delta R.T.: -0.005 min  
Response: 201444730  
Conc: 49.88 ng/ml



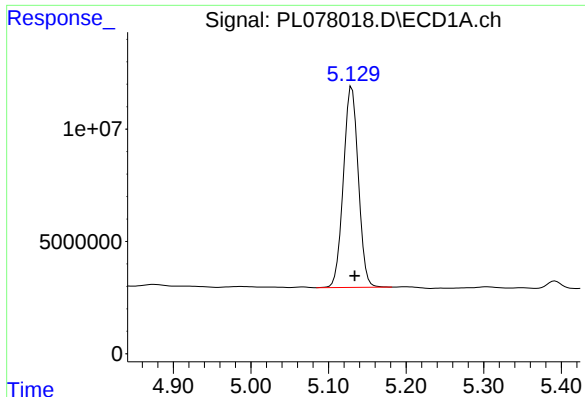
#4 Heptachlor

R.T.: 4.790 min  
Delta R.T.: -0.004 min  
Response: 123280783  
Conc: 55.68 ng/ml



#4 Heptachlor

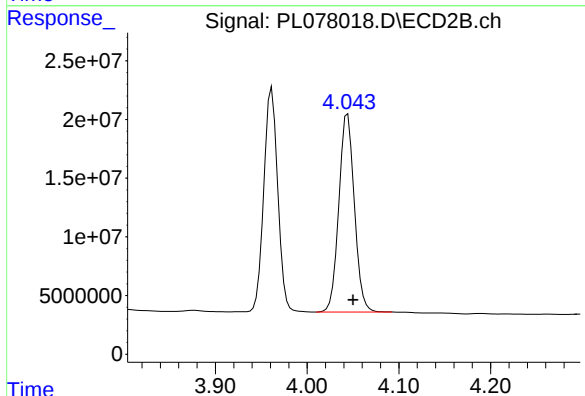
R.T.: 3.770 min  
Delta R.T.: -0.005 min  
Response: 191418221  
Conc: 48.33 ng/ml



#5 Aldrin

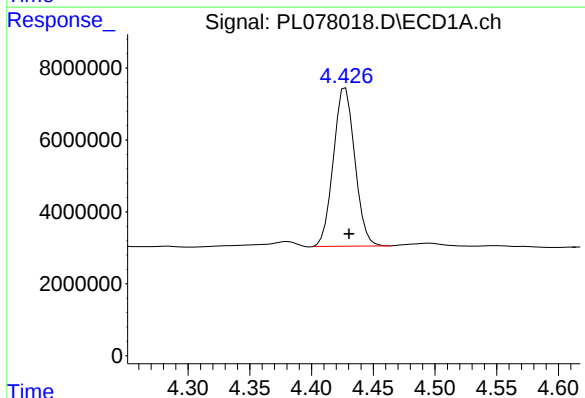
R.T.: 5.130 min  
Delta R.T.: -0.004 min  
Response: 119508081  
Conc: 60.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



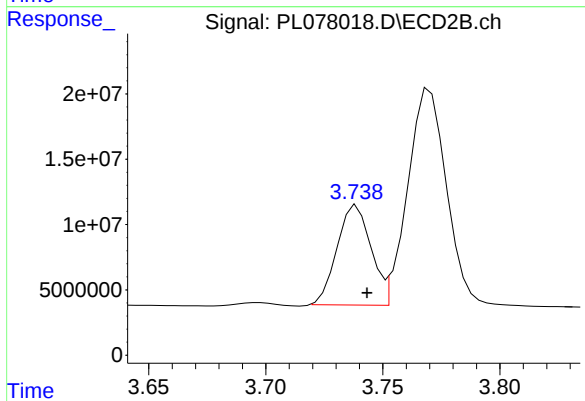
#5 Aldrin

R.T.: 4.044 min  
Delta R.T.: -0.006 min  
Response: 198228814  
Conc: 52.24 ng/ml



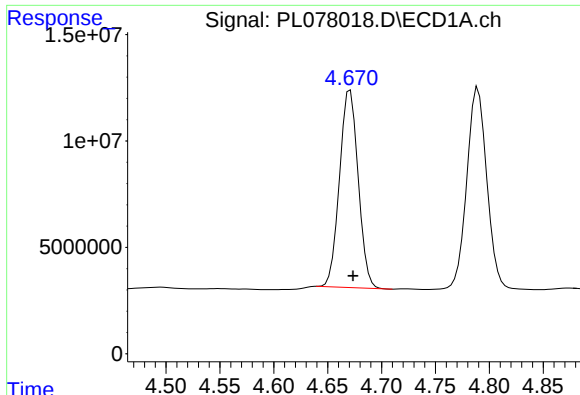
#6 beta-BHC

R.T.: 4.428 min  
Delta R.T.: -0.003 min  
Response: 53225758  
Conc: 54.77 ng/ml



#6 beta-BHC

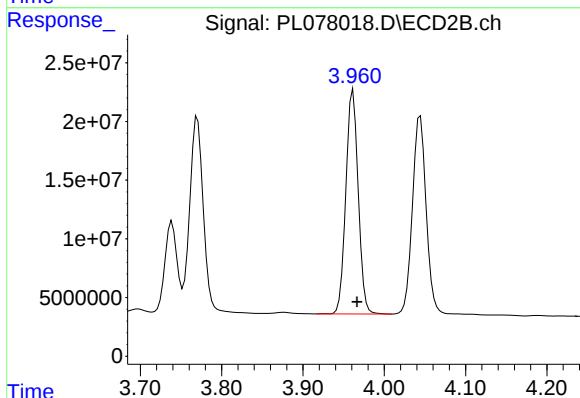
R.T.: 3.739 min  
Delta R.T.: -0.004 min  
Response: 77109849  
Conc: 46.32 ng/ml



#7 delta-BHC

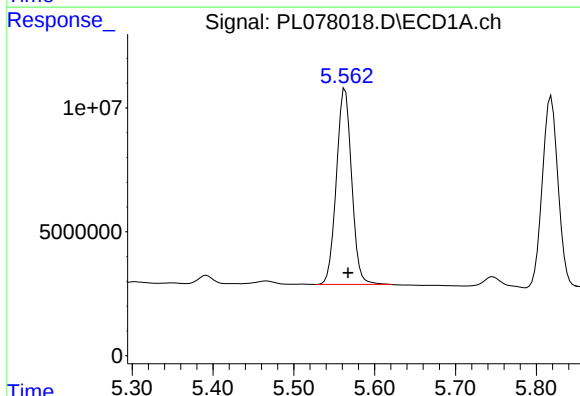
R.T.: 4.671 min  
Delta R.T.: -0.003 min  
Response: 111699606  
Conc: 54.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



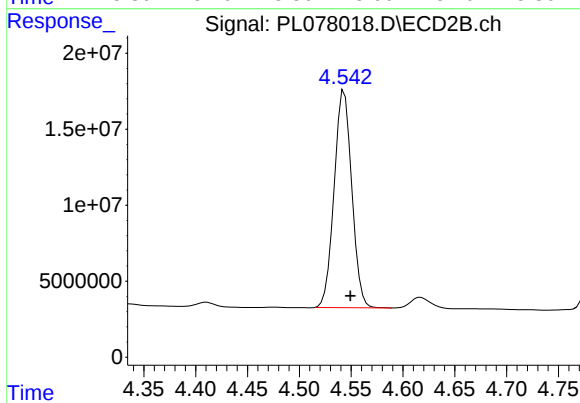
#7 delta-BHC

R.T.: 3.962 min  
Delta R.T.: -0.005 min  
Response: 200975591  
Conc: 49.53 ng/ml



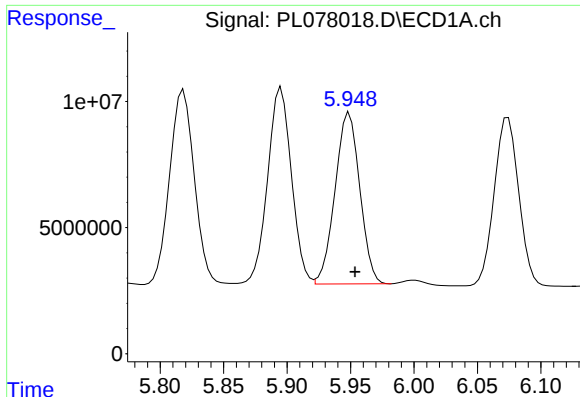
#8 Heptachlor epoxide

R.T.: 5.564 min  
Delta R.T.: -0.004 min  
Response: 103575996  
Conc: 59.41 ng/ml



#8 Heptachlor epoxide

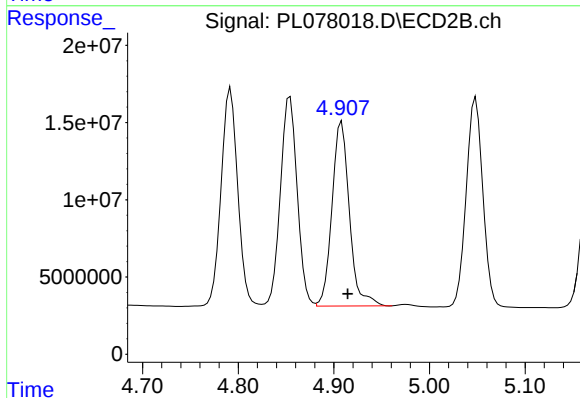
R.T.: 4.543 min  
Delta R.T.: -0.006 min  
Response: 169157424  
Conc: 50.03 ng/ml



#9 Endosulfan I

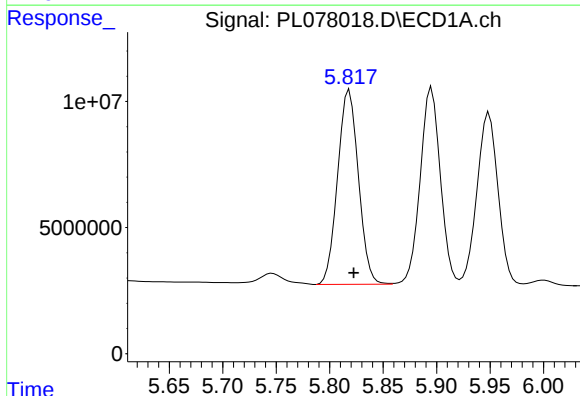
R.T.: 5.949 min  
Delta R.T.: -0.004 min  
Response: 92077215  
Conc: 57.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



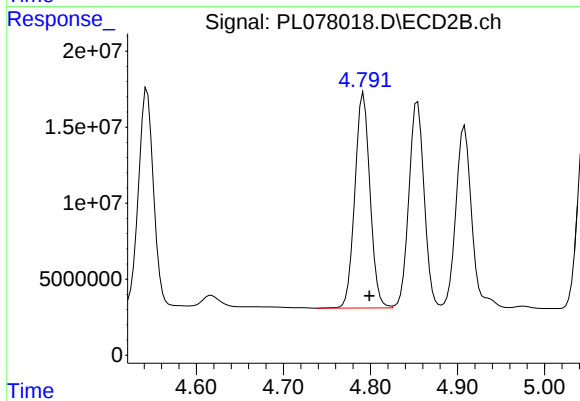
#9 Endosulfan I

R.T.: 4.908 min  
Delta R.T.: -0.006 min  
Response: 150757981  
Conc: 47.78 ng/ml



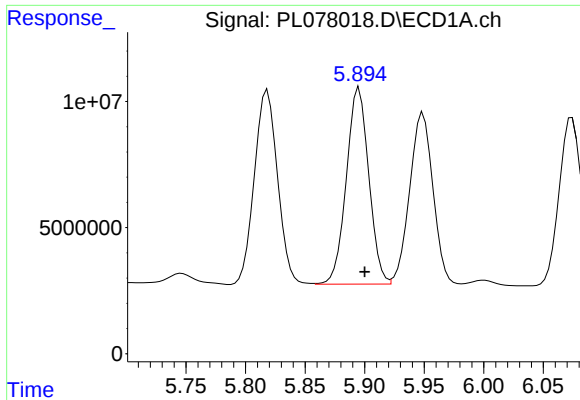
#10 gamma-Chlordane

R.T.: 5.818 min  
Delta R.T.: -0.004 min  
Response: 104625808  
Conc: 59.76 ng/ml



#10 gamma-Chlordane

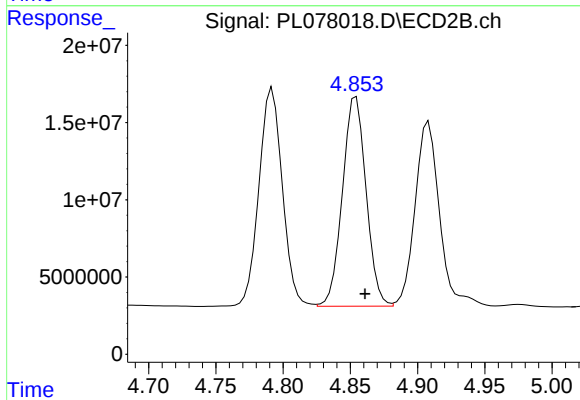
R.T.: 4.792 min  
Delta R.T.: -0.007 min  
Response: 171590369  
Conc: 50.34 ng/ml



#11 alpha-Chlordane

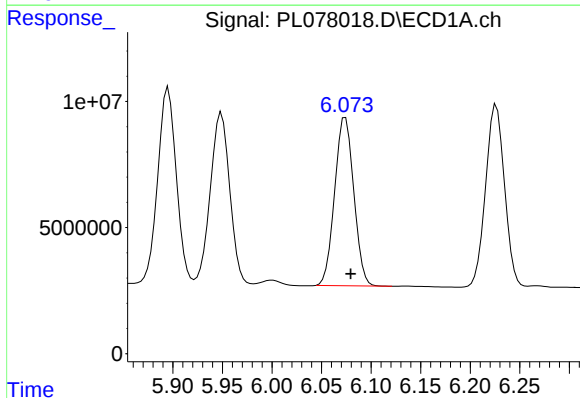
R.T.: 5.895 min  
Delta R.T.: -0.005 min  
Response: 102106410  
Conc: 59.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



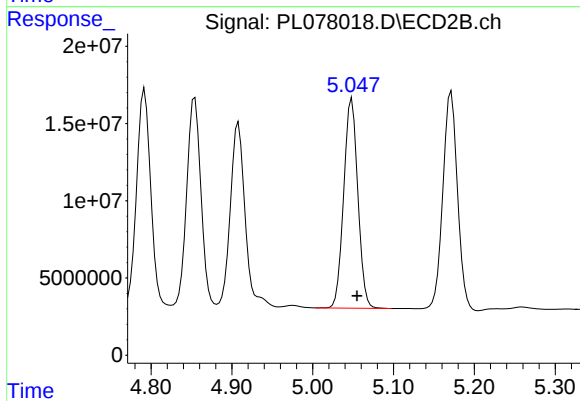
#11 alpha-Chlordane

R.T.: 4.854 min  
Delta R.T.: -0.007 min  
Response: 165515259  
Conc: 49.98 ng/ml



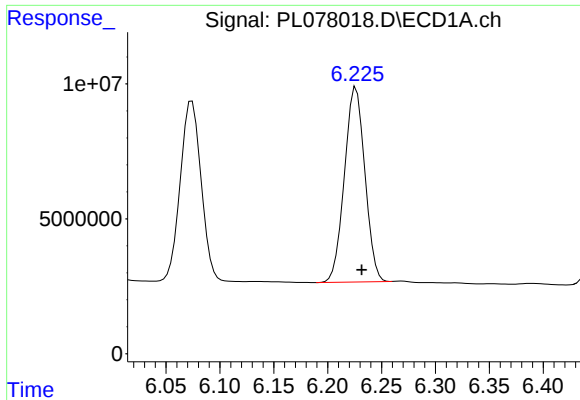
#12 4,4'-DDE

R.T.: 6.074 min  
Delta R.T.: -0.005 min  
Response: 89598272  
Conc: 56.29 ng/ml



#12 4,4'-DDE

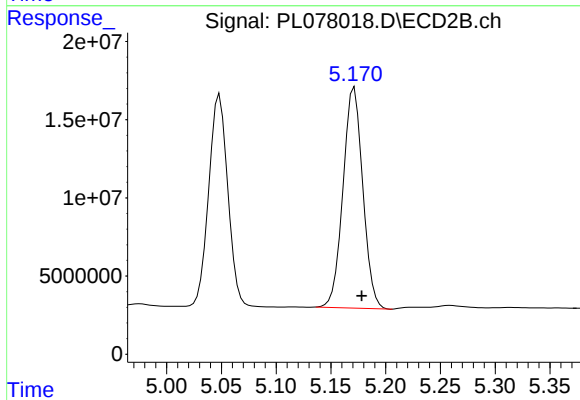
R.T.: 5.048 min  
Delta R.T.: -0.007 min  
Response: 164561946  
Conc: 50.58 ng/ml



#13 Dieldrin

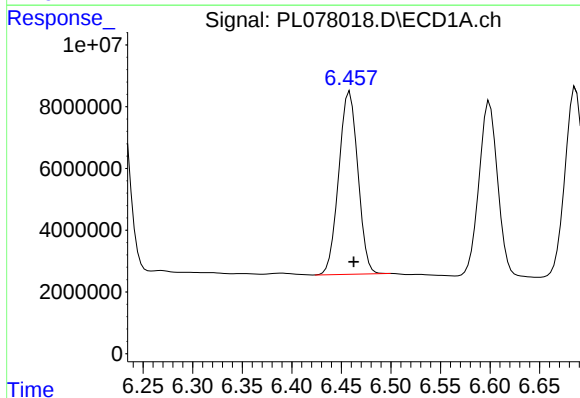
R.T.: 6.226 min  
Delta R.T.: -0.005 min  
Response: 95474681  
Conc: 59.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



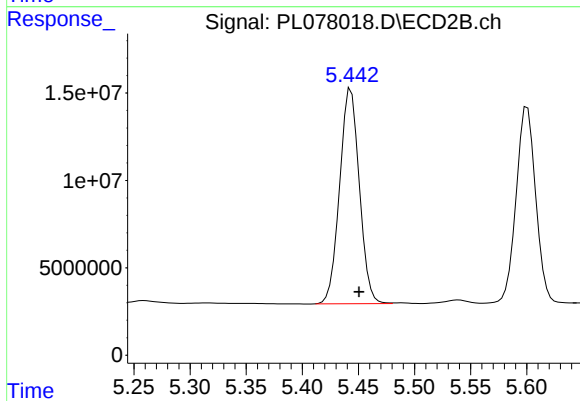
#13 Dieldrin

R.T.: 5.171 min  
Delta R.T.: -0.007 min  
Response: 177596897  
Conc: 53.56 ng/ml



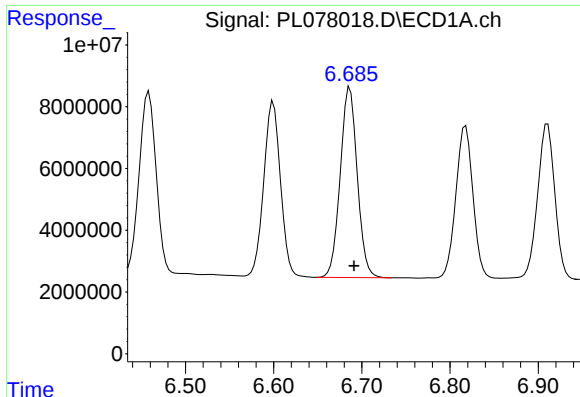
#14 Endrin

R.T.: 6.459 min  
Delta R.T.: -0.004 min  
Response: 79586712  
Conc: 57.55 ng/ml



#14 Endrin

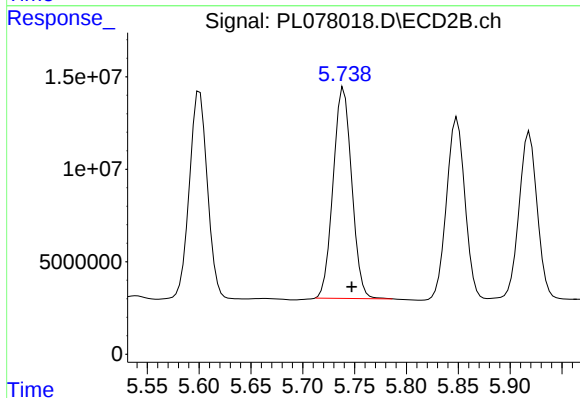
R.T.: 5.443 min  
Delta R.T.: -0.007 min  
Response: 150388981  
Conc: 52.74 ng/ml



#15 Endosulfan II

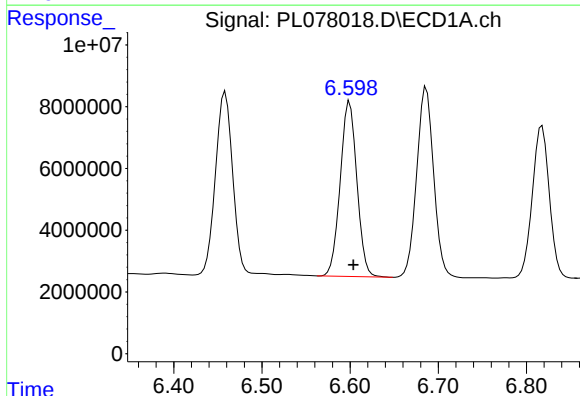
R.T.: 6.686 min  
Delta R.T.: -0.005 min  
Response: 82685869  
Conc: 59.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



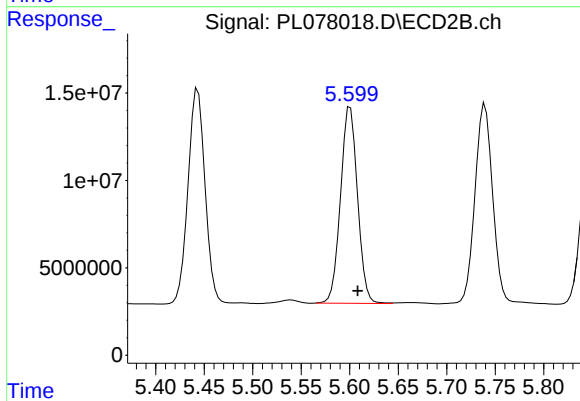
#15 Endosulfan II

R.T.: 5.740 min  
Delta R.T.: -0.008 min  
Response: 142314599  
Conc: 54.01 ng/ml



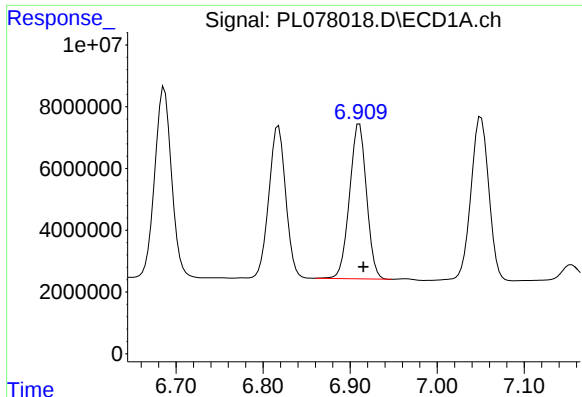
#16 4,4'-DDD

R.T.: 6.599 min  
Delta R.T.: -0.004 min  
Response: 74515273  
Conc: 63.64 ng/ml



#16 4,4'-DDD

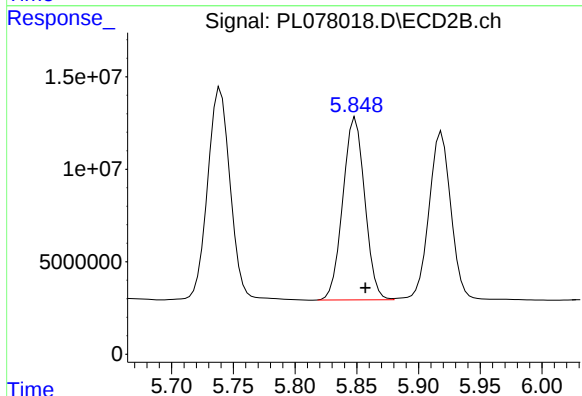
R.T.: 5.601 min  
Delta R.T.: -0.008 min  
Response: 136735444  
Conc: 52.78 ng/ml



#17 4,4'-DDT

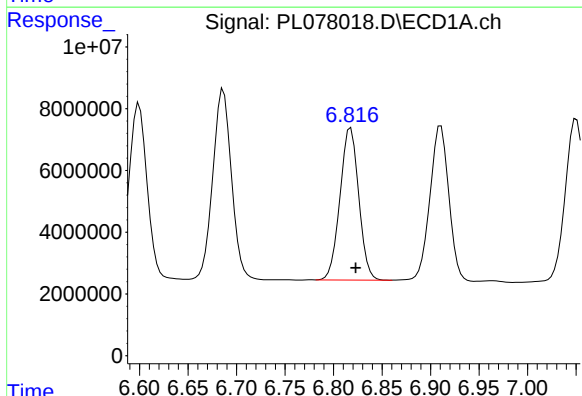
R.T.: 6.911 min  
Delta R.T.: -0.004 min  
Response: 68130193  
Conc: 53.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



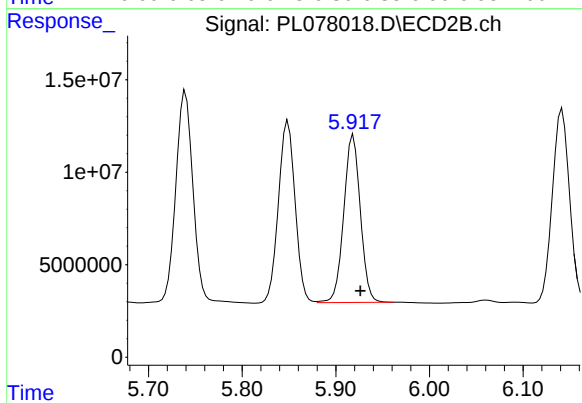
#17 4,4'-DDT

R.T.: 5.849 min  
Delta R.T.: -0.008 min  
Response: 121924732  
Conc: 46.27 ng/ml



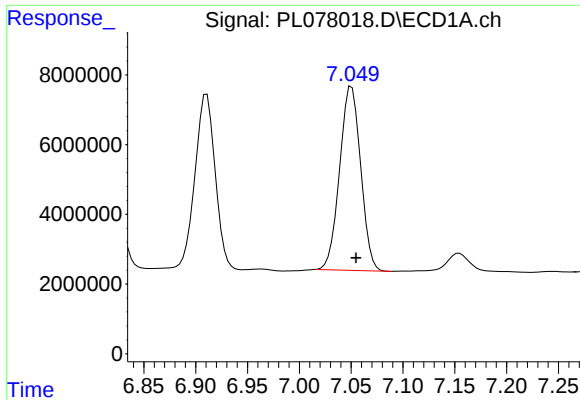
#18 Endrin aldehyde

R.T.: 6.818 min  
Delta R.T.: -0.005 min  
Response: 66104390  
Conc: 62.51 ng/ml



#18 Endrin aldehyde

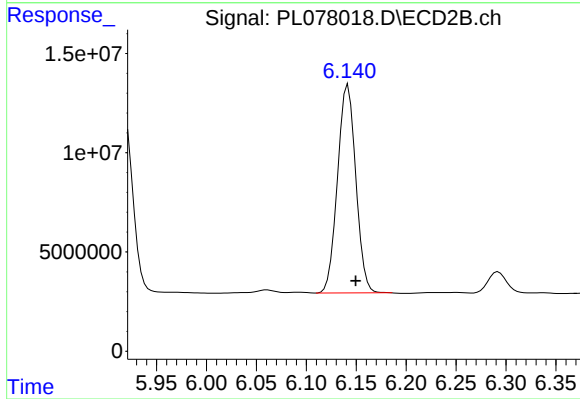
R.T.: 5.919 min  
Delta R.T.: -0.007 min  
Response: 111585616  
Conc: 54.07 ng/ml



#19 Endosulfan Sulfate

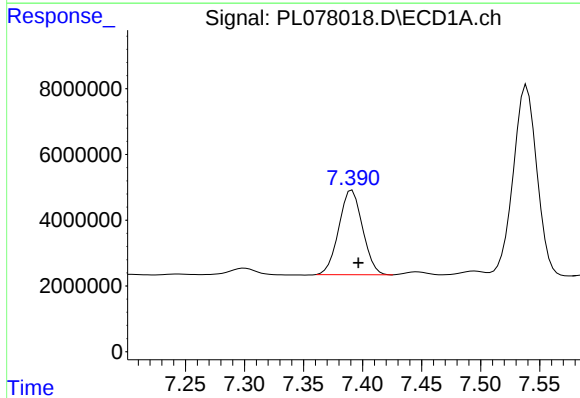
R.T.: 7.050 min  
Delta R.T.: -0.004 min  
Response: 74531789  
Conc: 58.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



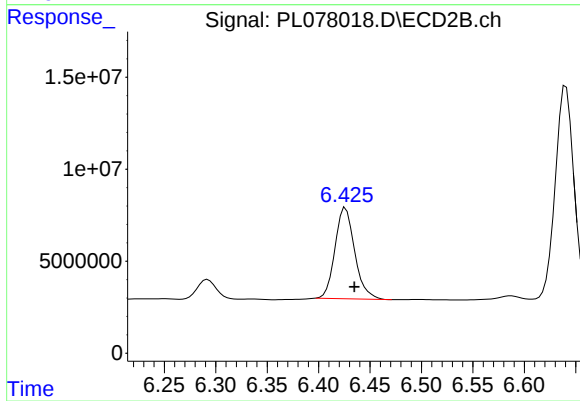
#19 Endosulfan Sulfate

R.T.: 6.142 min  
Delta R.T.: -0.008 min  
Response: 133696500  
Conc: 49.72 ng/ml



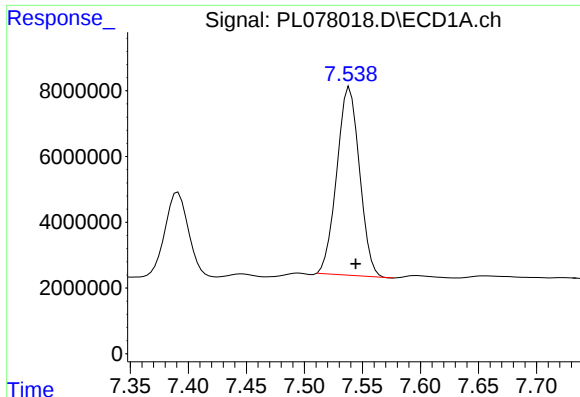
#20 Methoxychlor

R.T.: 7.391 min  
Delta R.T.: -0.005 min  
Response: 36012064  
Conc: 54.53 ng/ml



#20 Methoxychlor

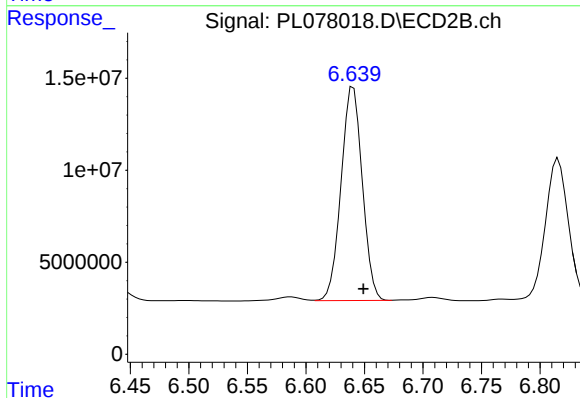
R.T.: 6.426 min  
Delta R.T.: -0.009 min  
Response: 65766459  
Conc: 48.02 ng/ml



#21 Endrin ketone

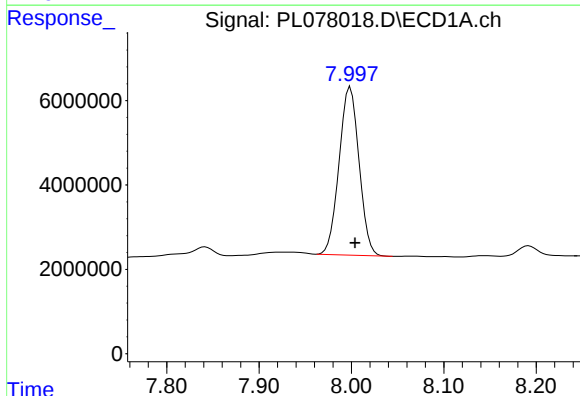
R.T.: 7.539 min  
Delta R.T.: -0.005 min  
Response: 77967379  
Conc: 56.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



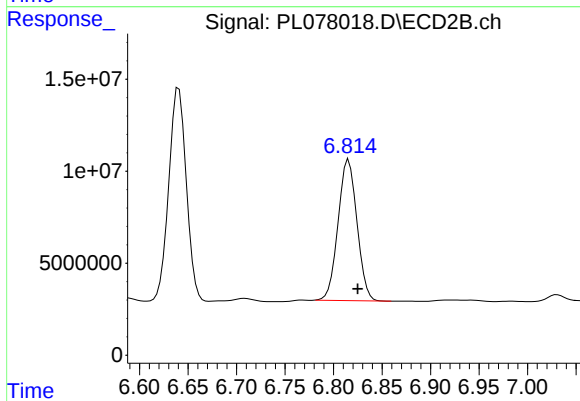
#21 Endrin ketone

R.T.: 6.641 min  
Delta R.T.: -0.008 min  
Response: 146471539  
Conc: 48.37 ng/ml



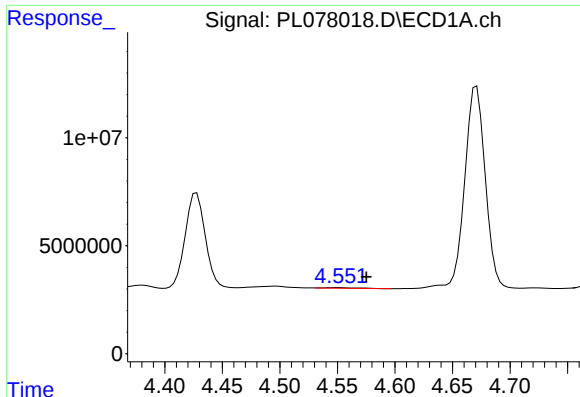
#22 Mirex

R.T.: 7.999 min  
Delta R.T.: -0.005 min  
Response: 59857794  
Conc: 57.01 ng/ml



#22 Mirex

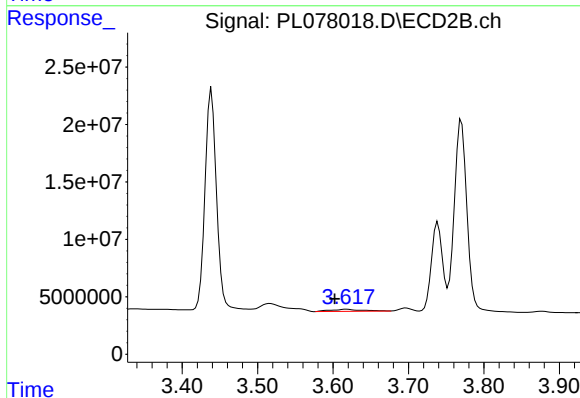
R.T.: 6.816 min  
Delta R.T.: -0.009 min  
Response: 103905316  
Conc: 48.33 ng/ml



#23 Chlordane-1

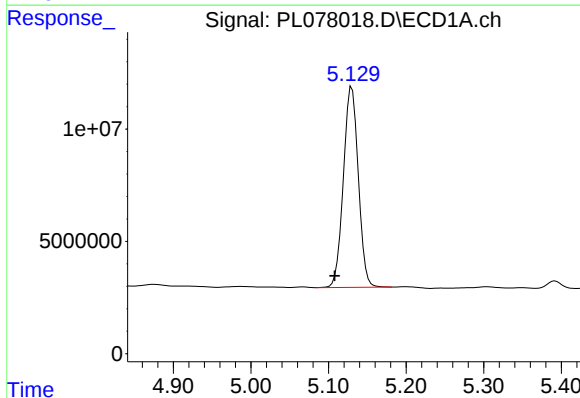
R.T.: 4.550 min  
Delta R.T.: -0.026 min  
Response: 528469  
Conc: 8.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



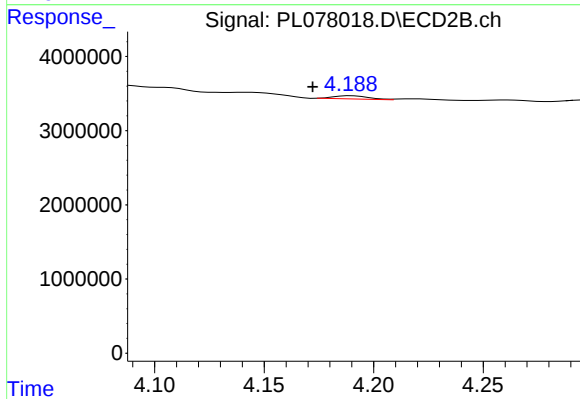
#23 Chlordane-1

R.T.: 3.619 min  
Delta R.T.: 0.016 min  
Response: 5603117  
Conc: 51.56 ng/ml



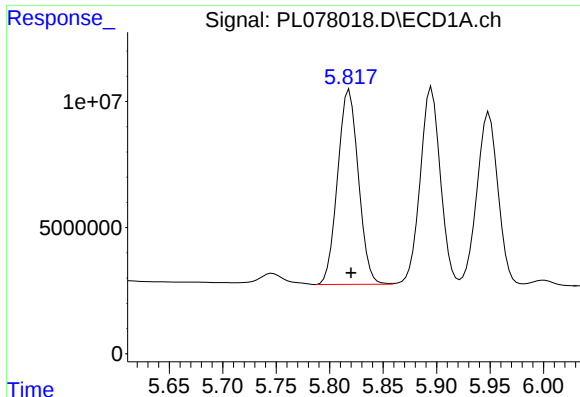
#24 Chlordane-2

R.T.: 5.130 min  
Delta R.T.: 0.022 min  
Response: 119508081  
Conc: 1792.41 ng/ml



#24 Chlordane-2

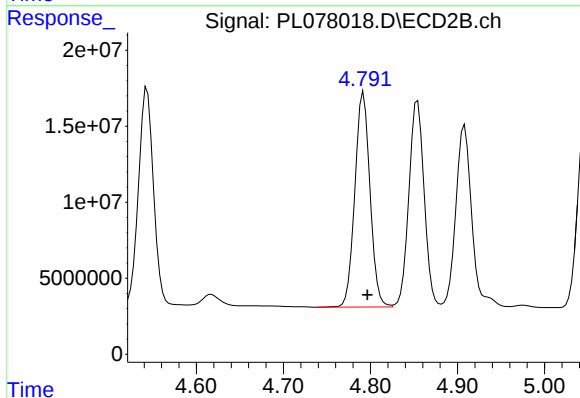
R.T.: 4.190 min  
Delta R.T.: 0.018 min  
Response: 486079  
Conc: 4.06 ng/ml



#25 Chlordane-3

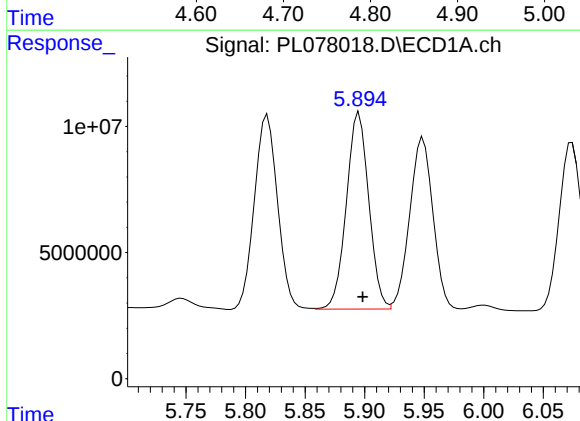
R.T.: 5.818 min  
Delta R.T.: -0.001 min  
Response: 104625808  
Conc: 424.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



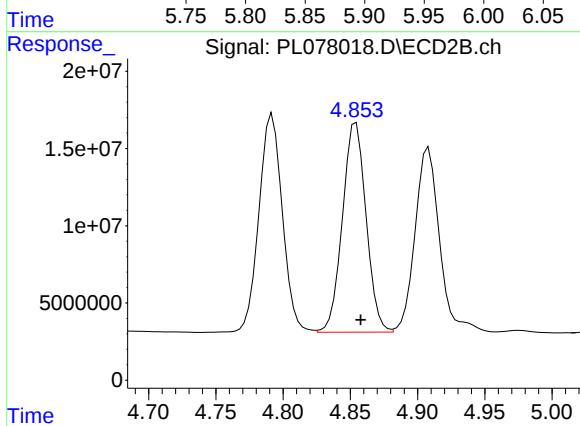
#25 Chlordane-3

R.T.: 4.792 min  
Delta R.T.: -0.005 min  
Response: 171590369  
Conc: 498.83 ng/ml



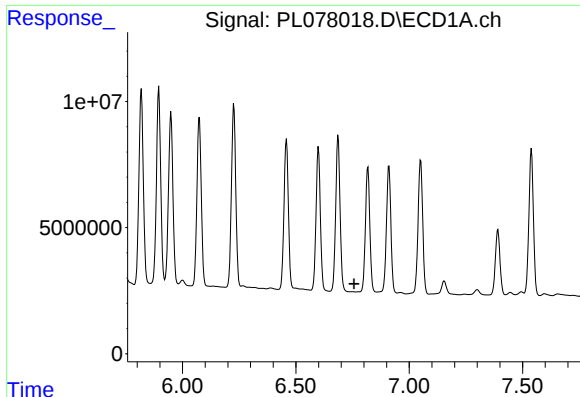
#26 Chlordane-4

R.T.: 5.895 min  
Delta R.T.: -0.003 min  
Response: 102106410  
Conc: 343.13 ng/ml



#26 Chlordane-4

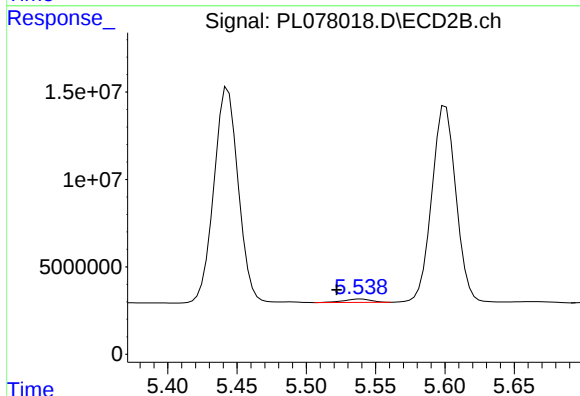
R.T.: 4.854 min  
Delta R.T.: -0.003 min  
Response: 165515259  
Conc: 456.19 ng/ml



#27 Chlordane-5

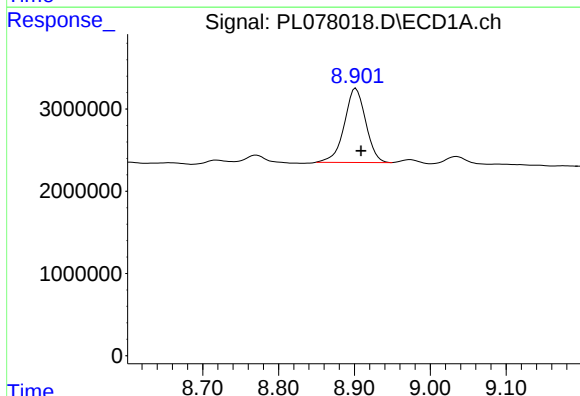
R.T.: 0.000 min  
Exp R.T.: 6.757 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



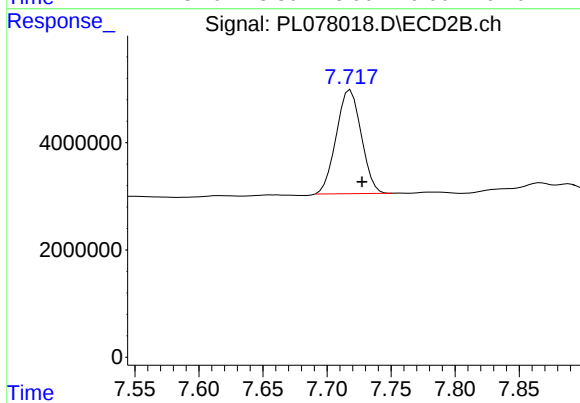
#27 Chlordane-5

R.T.: 5.539 min  
Delta R.T.: 0.017 min  
Response: 2556295  
Conc: 27.17 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.902 min  
Delta R.T.: -0.007 min  
Response: 17650470  
Conc: 13.66 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.718 min  
Delta R.T.: -0.009 min  
Response: 26312091  
Conc: 10.48 ng/ml