

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030121\  
 Data File : PL064998.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Mar 2021 13:23  
 Operator : AR\AJ  
 Sample : M1509-01MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 01 15:17:51 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020821.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 09 04:41:29 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... | 3.424 | 4.100 | 60290412 | 54607262 | 21.429   | 25.279    |
| 2)                          | SA Decachlor... | 8.147 | 9.259 | 48620379 | 43067313 | 21.621   | 22.674    |
| Target Compounds            |                 |       |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.856 | 4.502 | 235.4E6  | 175.2E6  | 50.750   | 57.847    |
| 3)                          | MA gamma-BHC... | 4.137 | 4.794 | 222.1E6  | 167.8E6  | 51.360   | 59.058    |
| 4)                          | MA Heptachlor   | 4.434 | 5.306 | 204.6E6  | 169.1E6  | 49.891   | 57.075    |
| 5)                          | MB Aldrin       | 4.678 | 5.616 | 56196060 | 187.9E6  | 15.092   | 76.601 #  |
| 6)                          | B beta-BHC      | 4.388 | 4.972 | 86014886 | 34701937 | 50.325   | 24.608 #  |
| 7)                          | B delta-BHC     | 4.589 | 5.195 | 207.4E6  | 146.7E6  | 51.307   | 54.298    |
| 8)                          | B Heptachlo...  | 5.119 | 6.011 | 207.7E6  | 149.2E6  | 59.824   | 67.611    |
| 9)                          | A Endosulfan I  | 5.456 | 6.373 | 153.5E6  | 121.9E6  | 47.859   | 58.116    |
| 10)                         | B gamma-Chl...  | 5.345 | 6.247 | 225.2E6  | 151.2E6  | 64.222   | 65.431    |
| 11)                         | B alpha-Chl...  | 5.403 | 6.319 | 185.3E6  | 172.8E6  | 53.503   | 75.071 #  |
| 12)                         | B 4,4'-DDE      | 5.569 | 6.476 | 395.1E6  | 300.8E6  | 126.257  | 148.344   |
| 13)                         | MA Dieldrin     | 5.696 | 6.634 | 183.1E6  | 123.6E6  | 55.828   | 57.813    |
| 14)                         | MA Endrin       | 5.952 | 6.856 | 163.6E6  | 110.3E6  | 54.456   | 61.012    |
| 15)                         | B Endosulfa...  | 6.225 | 7.071 | 190.5E6  | 123.1E6  | 66.143   | 65.304    |
| 16)                         | A 4,4'-DDD      | 6.083 | 6.975 | 145.1E6  | 111.9E6  | 57.299   | 64.532    |
| 17)                         | MA 4,4'-DDT     | 6.321 | 7.275 | 252.2E6  | 199.2E6  | 111.844  | 130.673   |
| 18)                         | B Endrin al...  | 6.392 | 7.197 | 127.1E6  | 88988755 | 52.127   | 54.649    |
| 19)                         | B Endosulfa...  | 6.605 | 7.420 | 155.4E6  | 105.0E6  | 54.793   | 58.335    |
| 20)                         | A Methoxychlor  | 6.868 | 7.736 | 60337772 | 55147400 | 46.598   | 61.007 #  |
| 21)                         | B Endrin ke...  | 7.091 | 7.899 | 135.3E6  | 101.5E6  | 47.192   | 53.081    |
| 22)                         | Mirex           | 7.274 | 8.350 | 111.8E6  | 78250460 | 52.924   | 56.294    |
| 23)                         | Chlordane-1     | 4.285 | 0.000 | 9124618  | 0        | 80.268   | N.D. #    |
| 24)                         | Chlordane-2     | 4.786 | 5.586 | 62363493 | 34522551 | 504.027  | 395.927   |
| 25)                         | Chlordane-3     | 5.345 | 6.247 | 225.2E6  | 151.2E6  | 685.263  | 494.549 # |
| 26)                         | Chlordane-4     | 5.403 | 6.319 | 185.3E6  | 172.8E6  | 673.491  | 466.504 # |
| 27)                         | Chlordane-5     | 6.225 | 7.138 | 190.5E6  | 5820729  | 1882.388 | 103.142 # |
| -----                       |                 |       |       |          |          |          |           |

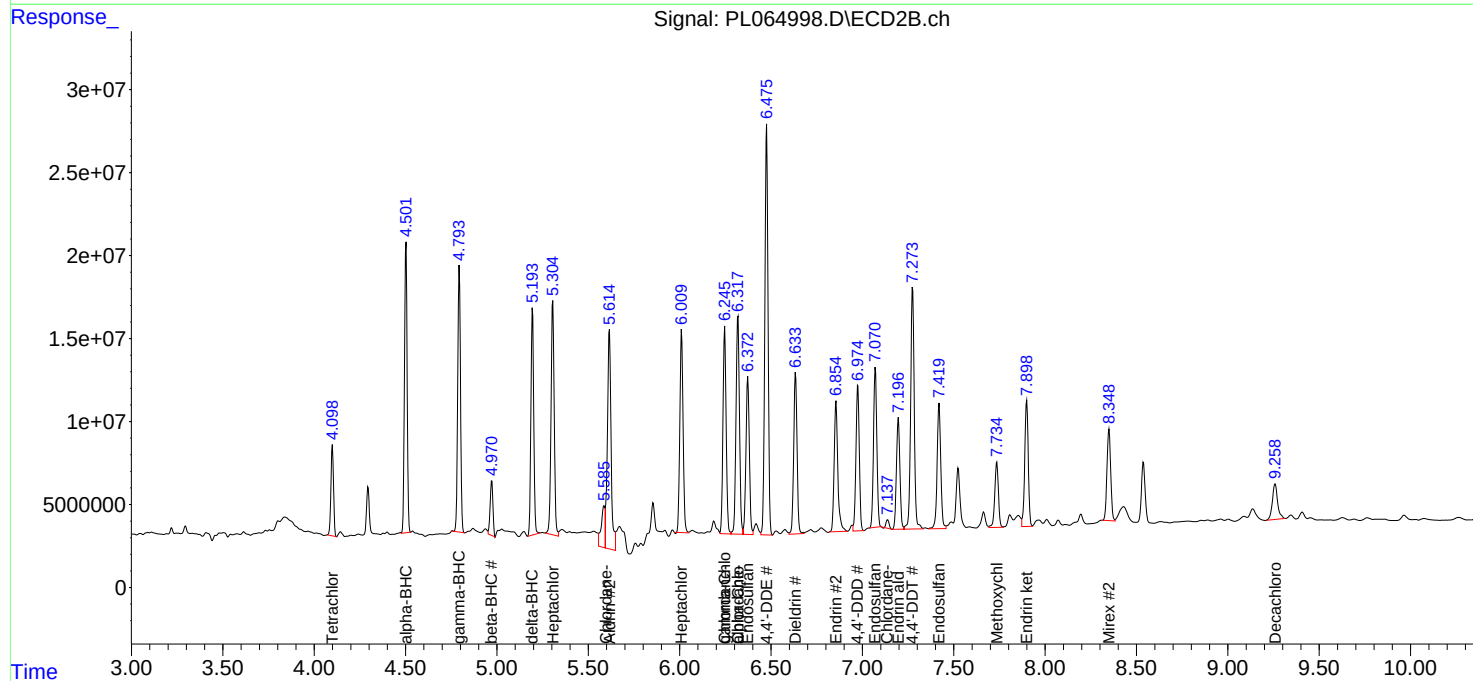
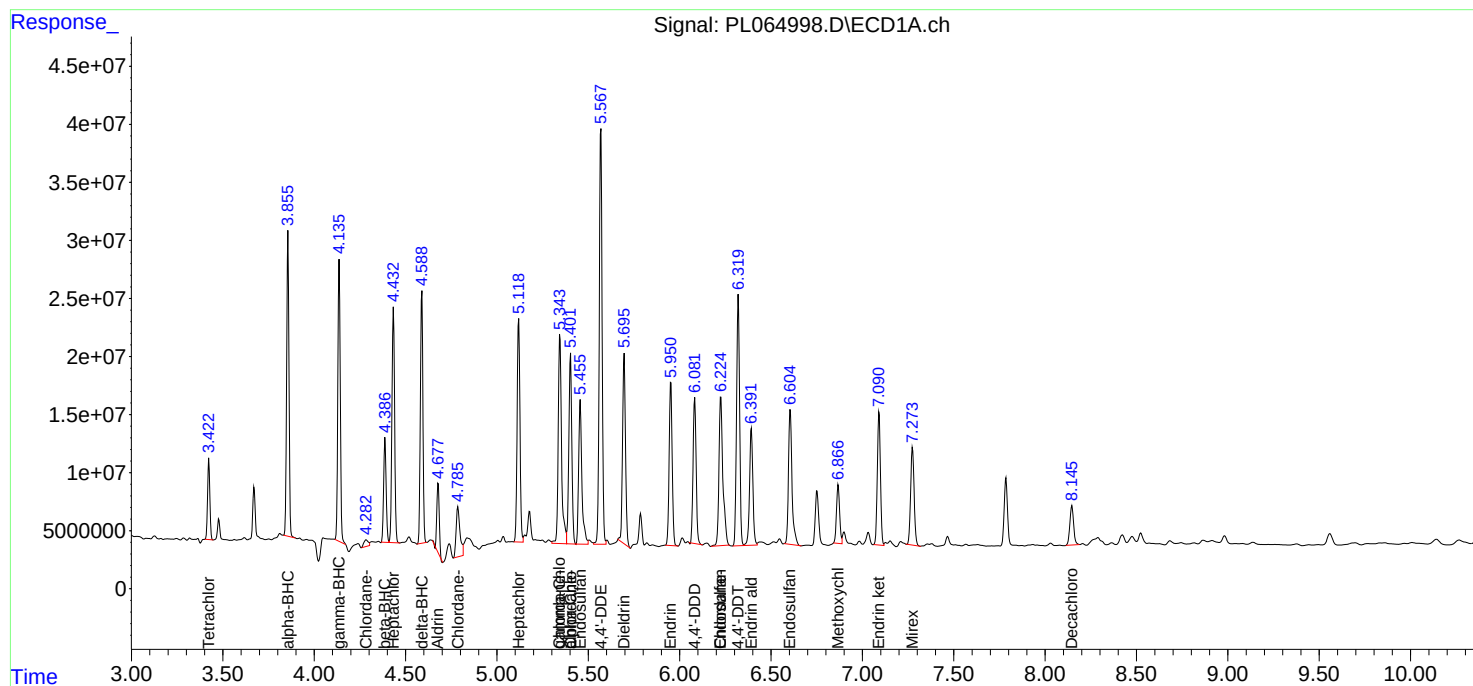
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

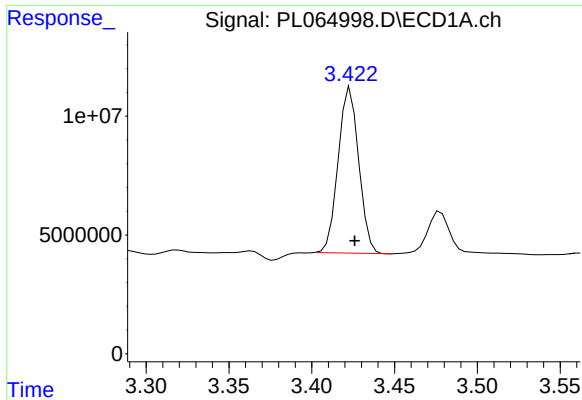
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030121\  
Data File : PL064998.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Mar 2021 13:23  
Operator : AR\AJ  
Sample : M1509-01MS  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 01 15:17:51 2021  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020821.M  
Quant Title : GC Extractables  
QLast Update : Tue Feb 09 04:41:29 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

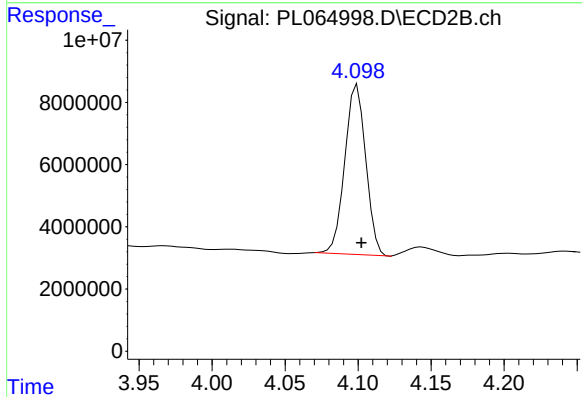




#1 Tetrachloro-m-xylene

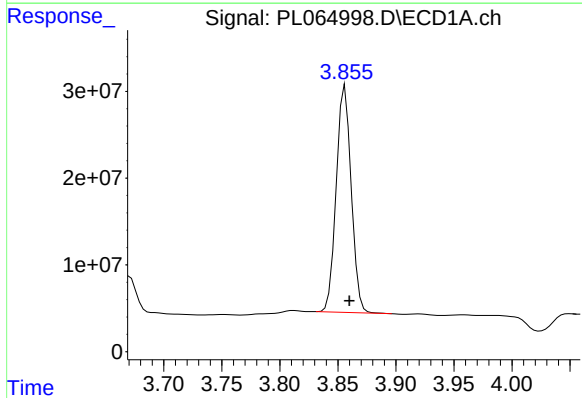
R.T.: 3.424 min  
Delta R.T.: -0.002 min  
Response: 60290412  
Conc: 21.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



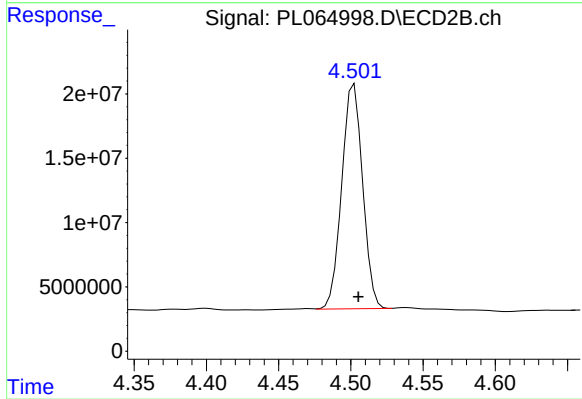
#1 Tetrachloro-m-xylene

R.T.: 4.100 min  
Delta R.T.: -0.003 min  
Response: 54607262  
Conc: 25.28 ng/ml



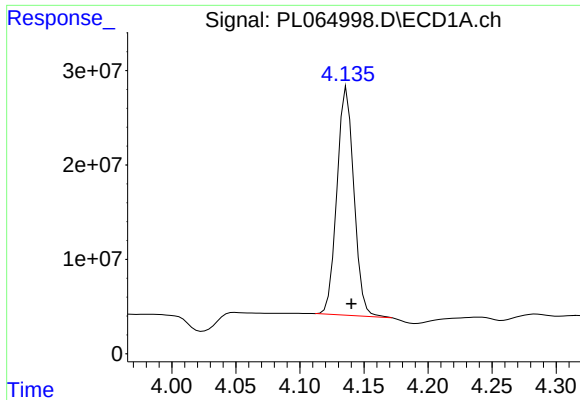
#2 alpha-BHC

R.T.: 3.856 min  
Delta R.T.: -0.004 min  
Response: 235355438  
Conc: 50.75 ng/ml



#2 alpha-BHC

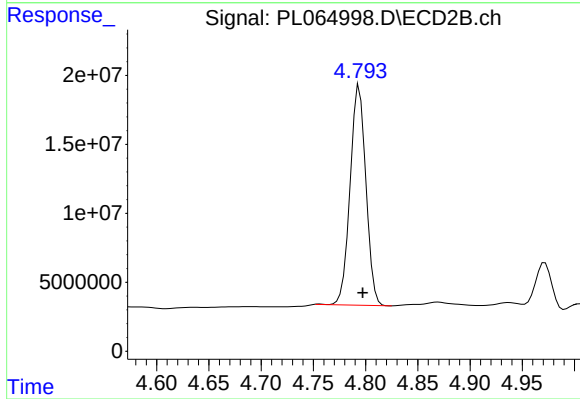
R.T.: 4.502 min  
Delta R.T.: -0.003 min  
Response: 175217427  
Conc: 57.85 ng/ml



#3 gamma-BHC (Lindane)

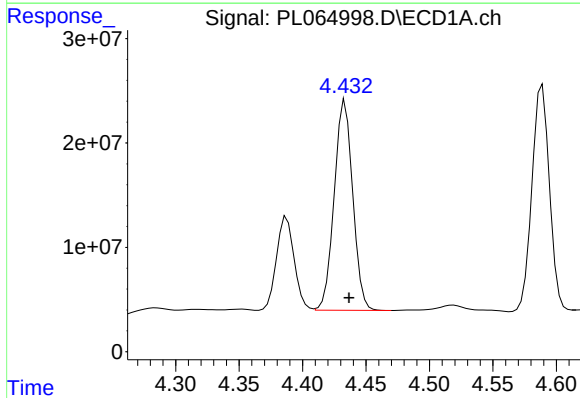
R.T.: 4.137 min  
Delta R.T.: -0.003 min  
Response: 222056104  
Conc: 51.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



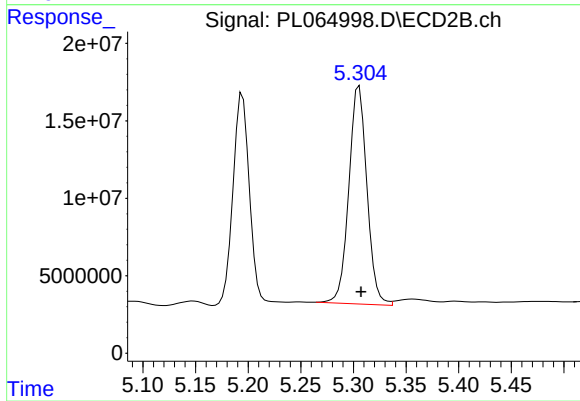
#3 gamma-BHC (Lindane)

R.T.: 4.794 min  
Delta R.T.: -0.003 min  
Response: 167751767  
Conc: 59.06 ng/ml



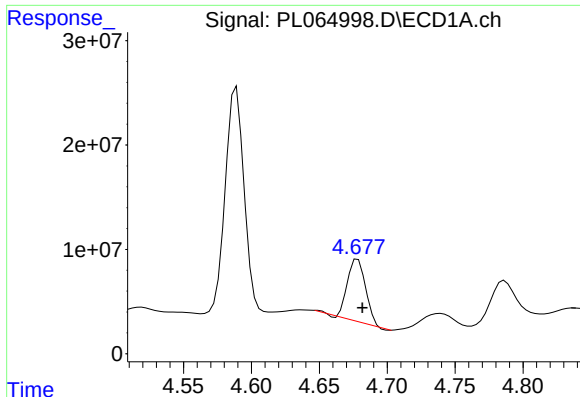
#4 Heptachlor

R.T.: 4.434 min  
Delta R.T.: -0.003 min  
Response: 204558929  
Conc: 49.89 ng/ml



#4 Heptachlor

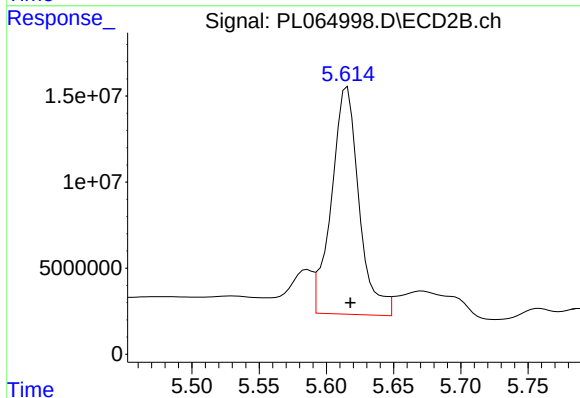
R.T.: 5.306 min  
Delta R.T.: -0.002 min  
Response: 169089055  
Conc: 57.08 ng/ml



#5 Aldrin

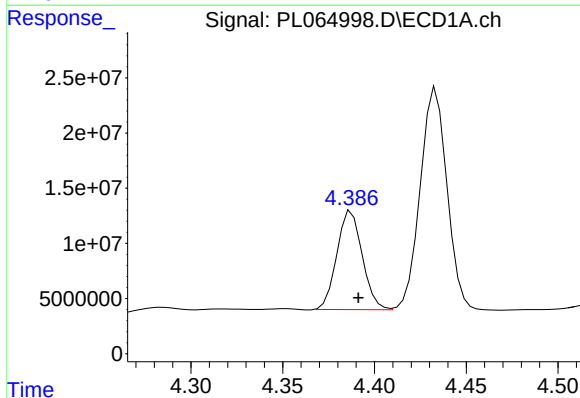
R.T.: 4.678 min  
Delta R.T.: -0.003 min  
Response: 56196060  
Conc: 15.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



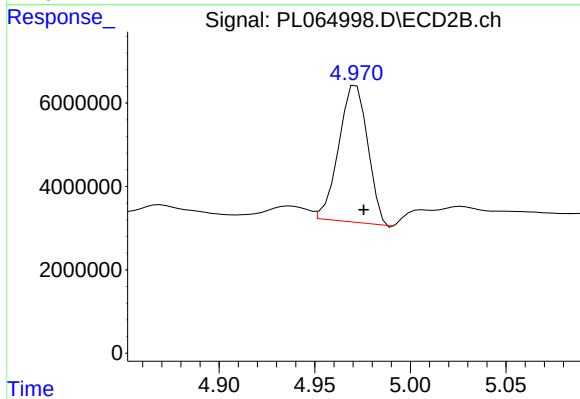
#5 Aldrin

R.T.: 5.616 min  
Delta R.T.: -0.002 min  
Response: 187854223  
Conc: 76.60 ng/ml



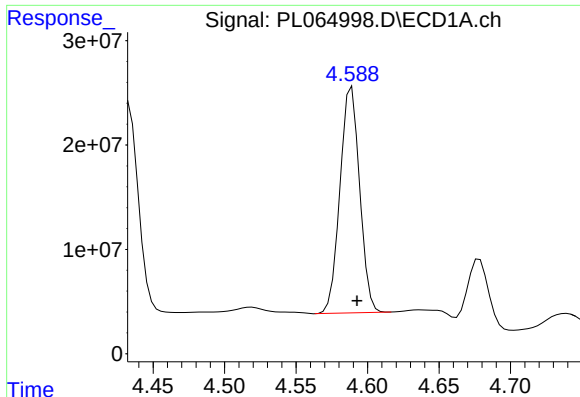
#6 beta-BHC

R.T.: 4.388 min  
Delta R.T.: -0.004 min  
Response: 86014886  
Conc: 50.33 ng/ml



#6 beta-BHC

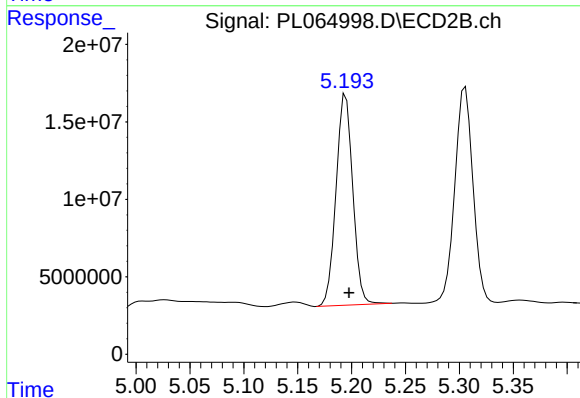
R.T.: 4.972 min  
Delta R.T.: -0.004 min  
Response: 34701937  
Conc: 24.61 ng/ml



#7 delta-BHC

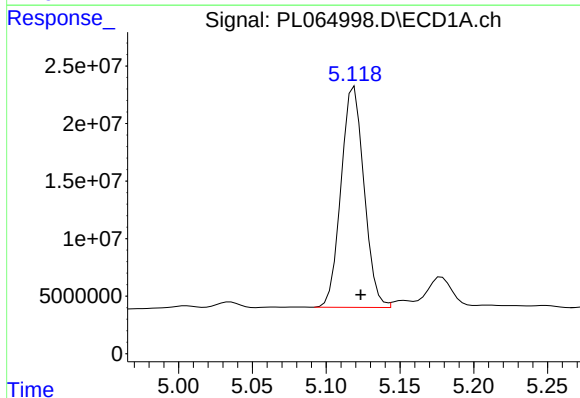
R.T.: 4.589 min  
Delta R.T.: -0.004 min  
Response: 207396087  
Conc: 51.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



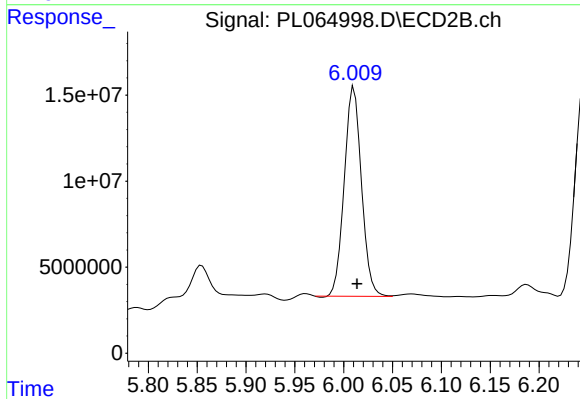
#7 delta-BHC

R.T.: 5.195 min  
Delta R.T.: -0.003 min  
Response: 146699640  
Conc: 54.30 ng/ml



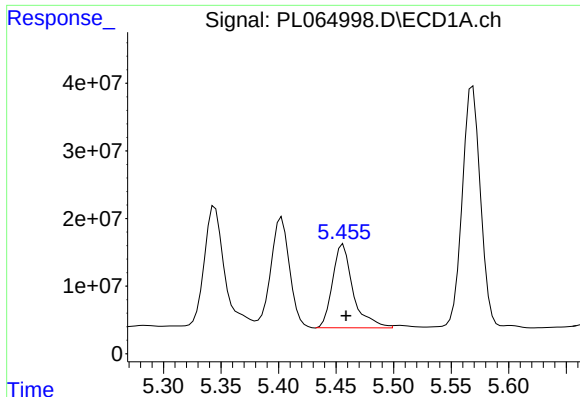
#8 Heptachlor epoxide

R.T.: 5.119 min  
Delta R.T.: -0.004 min  
Response: 207702129  
Conc: 59.82 ng/ml



#8 Heptachlor epoxide

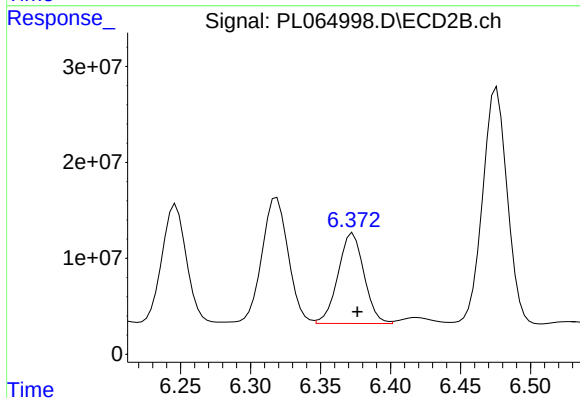
R.T.: 6.011 min  
Delta R.T.: -0.003 min  
Response: 149169159  
Conc: 67.61 ng/ml



#9 Endosulfan I

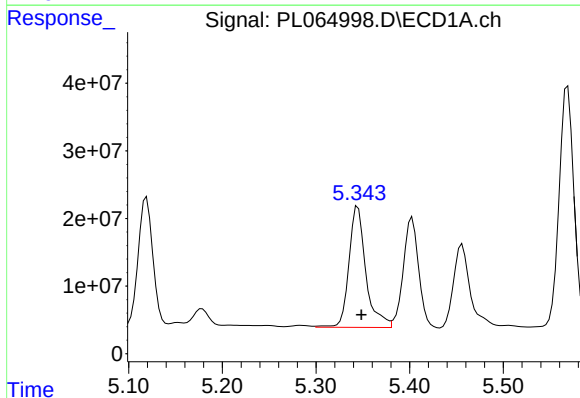
R.T.: 5.456 min  
Delta R.T.: -0.003 min  
Response: 153479889  
Conc: 47.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



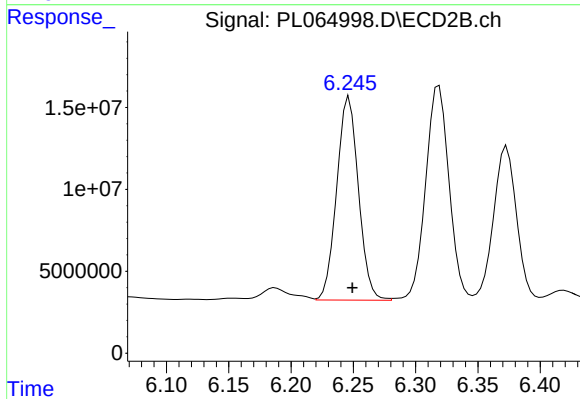
#9 Endosulfan I

R.T.: 6.373 min  
Delta R.T.: -0.003 min  
Response: 121895835  
Conc: 58.12 ng/ml



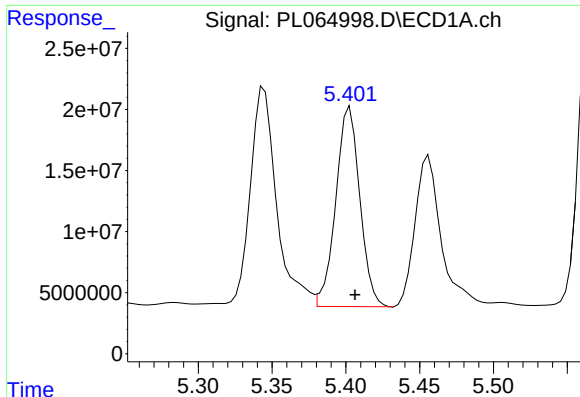
#10 gamma-Chlordane

R.T.: 5.345 min  
Delta R.T.: -0.004 min  
Response: 225187574  
Conc: 64.22 ng/ml



#10 gamma-Chlordane

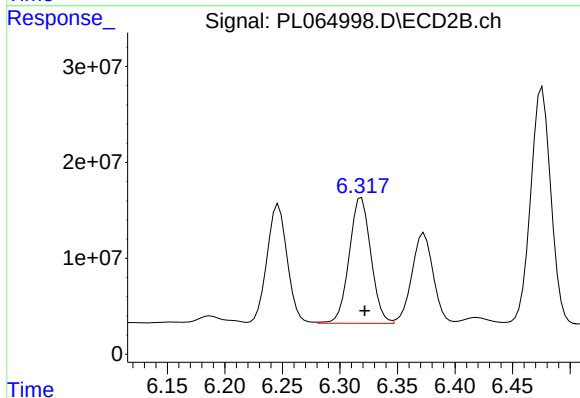
R.T.: 6.247 min  
Delta R.T.: -0.003 min  
Response: 151212371  
Conc: 65.43 ng/ml



#11 alpha-Chlordane

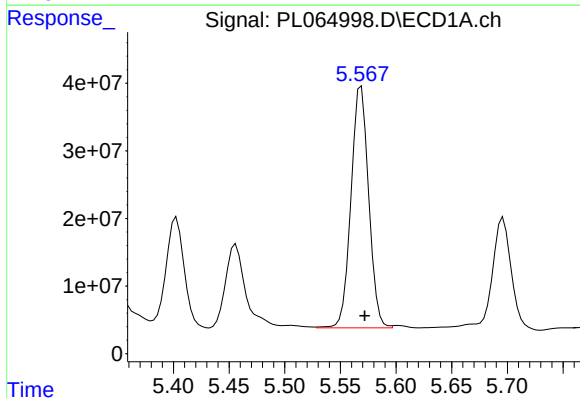
R.T.: 5.403 min  
Delta R.T.: -0.003 min  
Response: 185307948  
Conc: 53.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



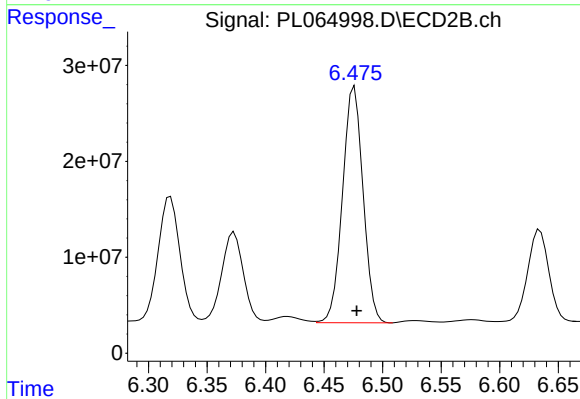
#11 alpha-Chlordane

R.T.: 6.319 min  
Delta R.T.: -0.003 min  
Response: 172829207  
Conc: 75.07 ng/ml



#12 4,4'-DDE

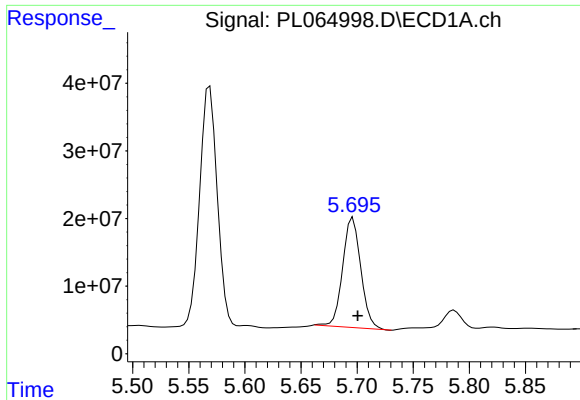
R.T.: 5.569 min  
Delta R.T.: -0.003 min  
Response: 395110323  
Conc: 126.26 ng/ml



#12 4,4'-DDE

R.T.: 6.476 min  
Delta R.T.: -0.002 min  
Response: 300844073  
Conc: 148.34 ng/ml

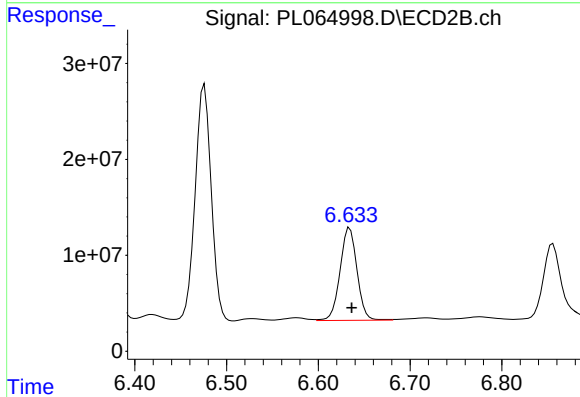




#13 Dieldrin

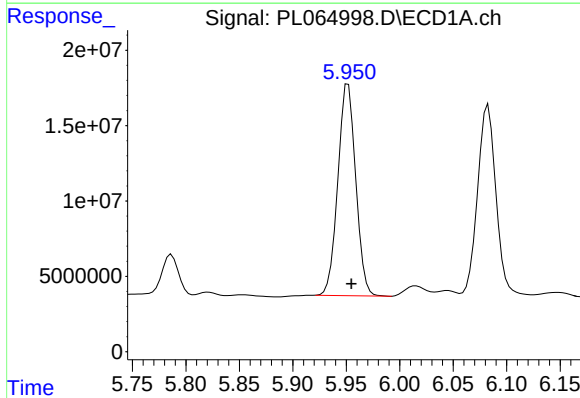
R.T.: 5.696 min  
Delta R.T.: -0.004 min  
Response: 183126941  
Conc: 55.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



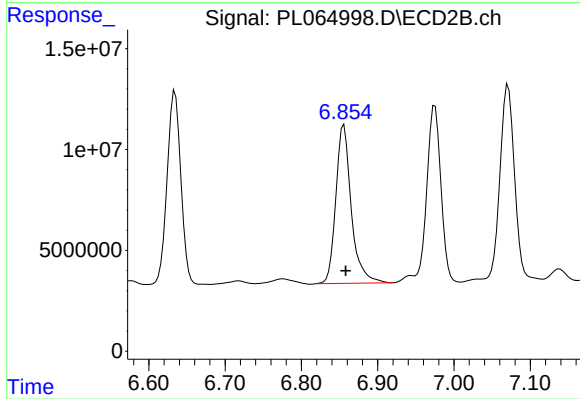
#13 Dieldrin

R.T.: 6.634 min  
Delta R.T.: -0.002 min  
Response: 123584361  
Conc: 57.81 ng/ml



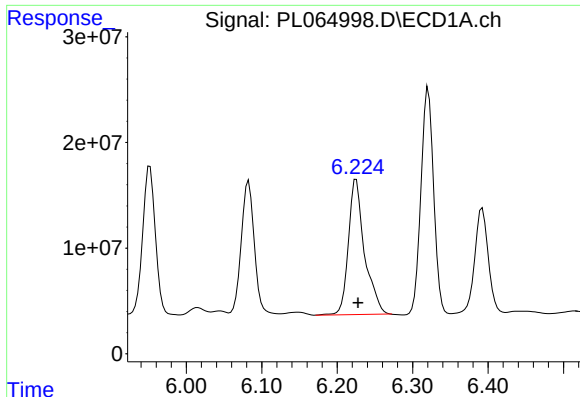
#14 Endrin

R.T.: 5.952 min  
Delta R.T.: -0.003 min  
Response: 163552578  
Conc: 54.46 ng/ml



#14 Endrin

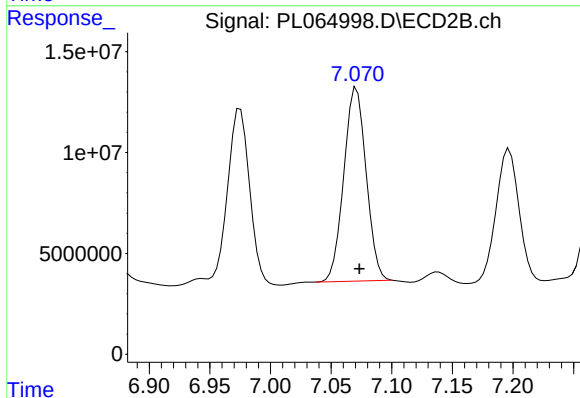
R.T.: 6.856 min  
Delta R.T.: -0.003 min  
Response: 110297624  
Conc: 61.01 ng/ml



#15 Endosulfan II

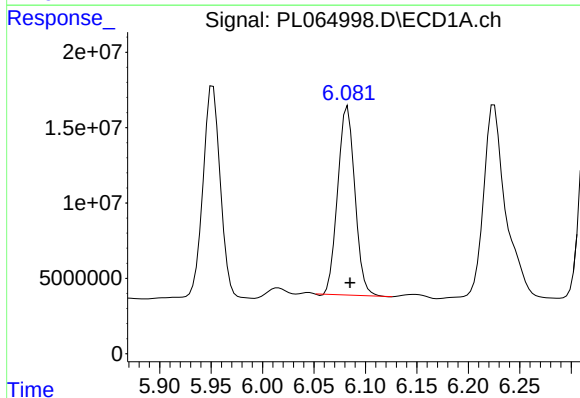
R.T.: 6.225 min  
Delta R.T.: -0.003 min  
Response: 190457465  
Conc: 66.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



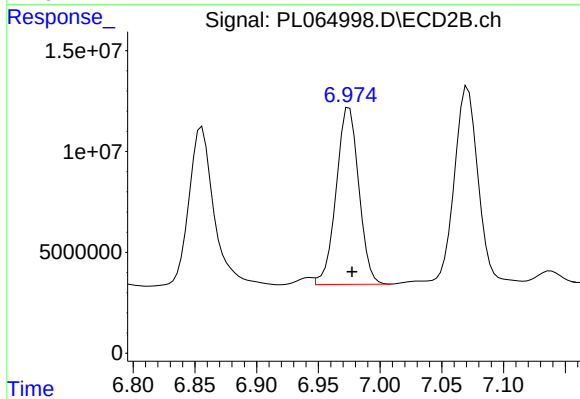
#15 Endosulfan II

R.T.: 7.071 min  
Delta R.T.: -0.002 min  
Response: 123054553  
Conc: 65.30 ng/ml



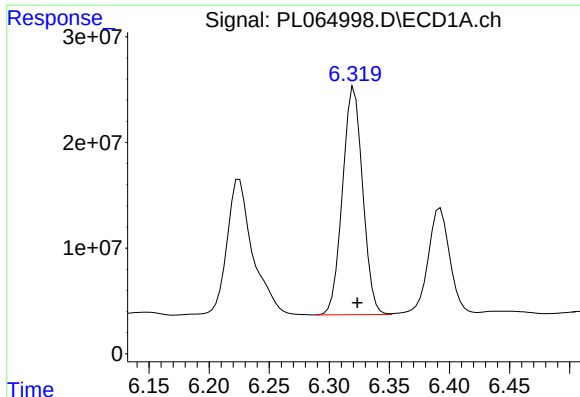
#16 4,4'-DDD

R.T.: 6.083 min  
Delta R.T.: -0.003 min  
Response: 145114356  
Conc: 57.30 ng/ml



#16 4,4'-DDD

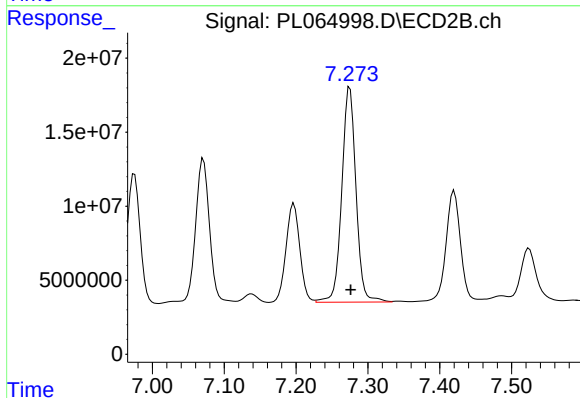
R.T.: 6.975 min  
Delta R.T.: -0.002 min  
Response: 111872646  
Conc: 64.53 ng/ml



#17 4,4'-DDT

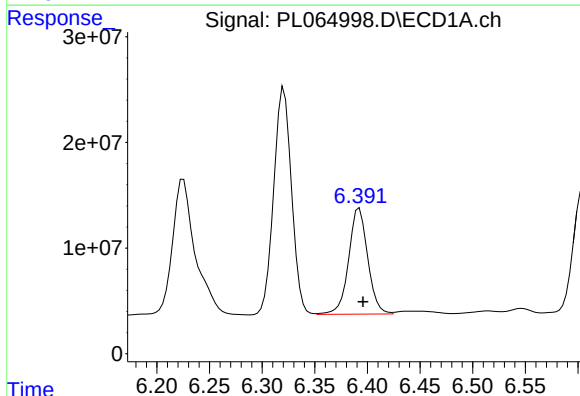
R.T.: 6.321 min  
Delta R.T.: -0.003 min  
Response: 252206411  
Conc: 111.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



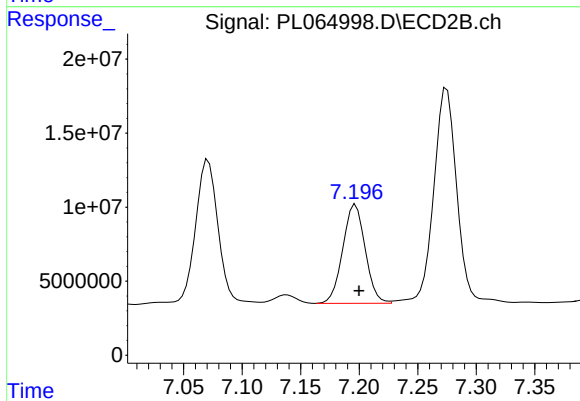
#17 4,4'-DDT

R.T.: 7.275 min  
Delta R.T.: -0.001 min  
Response: 199231535  
Conc: 130.67 ng/ml



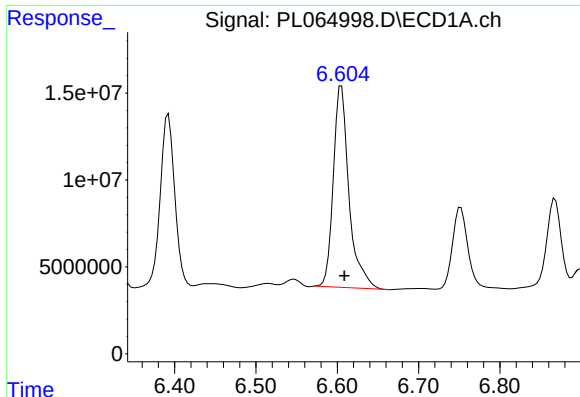
#18 Endrin aldehyde

R.T.: 6.392 min  
Delta R.T.: -0.003 min  
Response: 127093241  
Conc: 52.13 ng/ml



#18 Endrin aldehyde

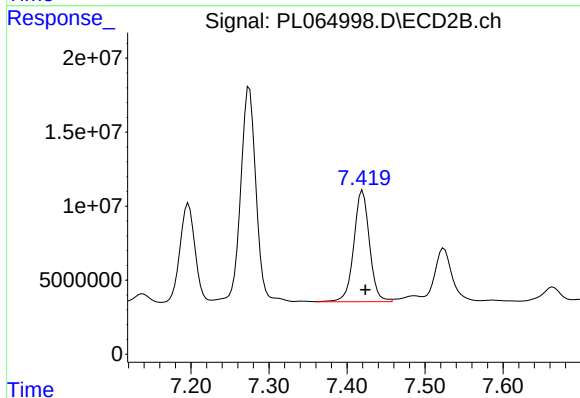
R.T.: 7.197 min  
Delta R.T.: -0.003 min  
Response: 88988755  
Conc: 54.65 ng/ml



#19 Endosulfan Sulfate

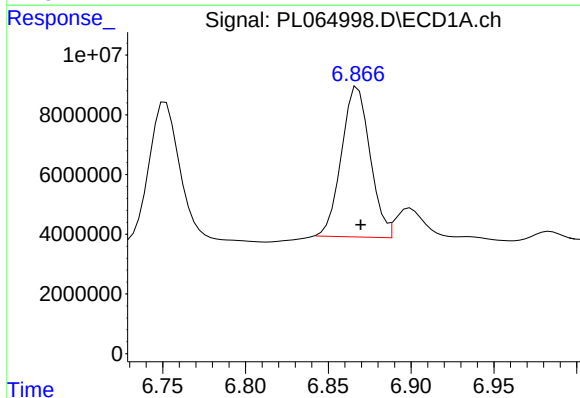
R.T.: 6.605 min  
Delta R.T.: -0.004 min  
Response: 155387164  
Conc: 54.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



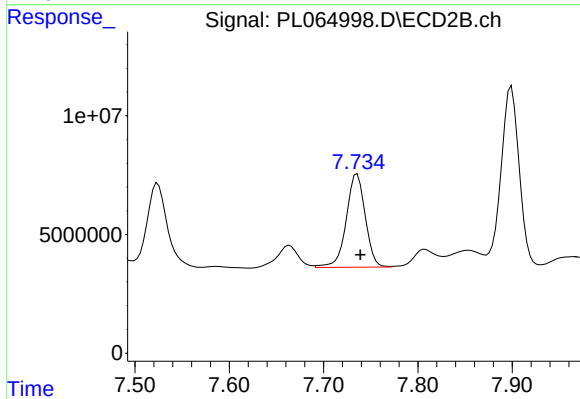
#19 Endosulfan Sulfate

R.T.: 7.420 min  
Delta R.T.: -0.004 min  
Response: 104979697  
Conc: 58.33 ng/ml



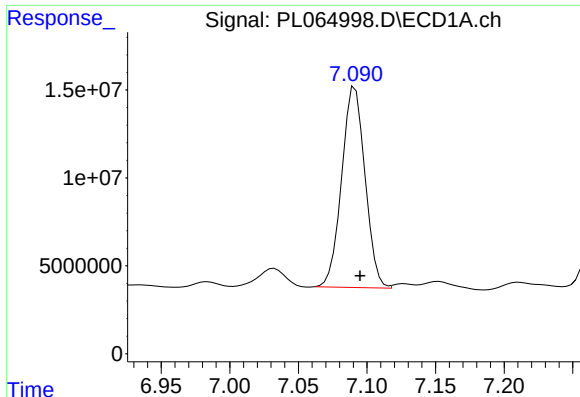
#20 Methoxychlor

R.T.: 6.868 min  
Delta R.T.: -0.002 min  
Response: 60337772  
Conc: 46.60 ng/ml



#20 Methoxychlor

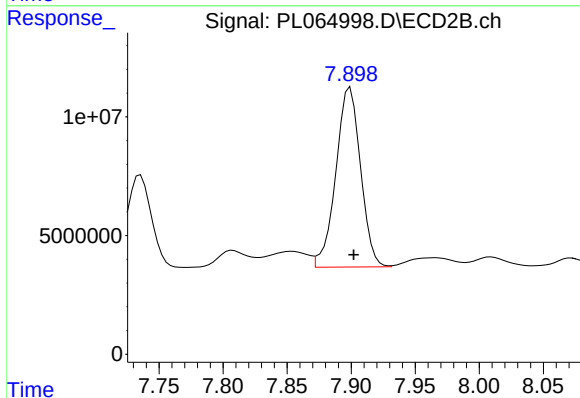
R.T.: 7.736 min  
Delta R.T.: -0.003 min  
Response: 55147400  
Conc: 61.01 ng/ml



#21 Endrin ketone

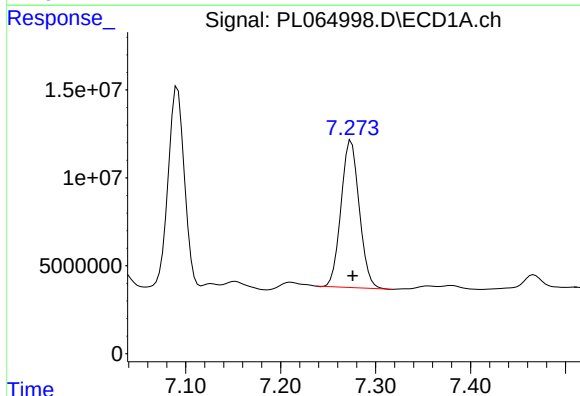
R.T.: 7.091 min  
Delta R.T.: -0.004 min  
Response: 135348992  
Conc: 47.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



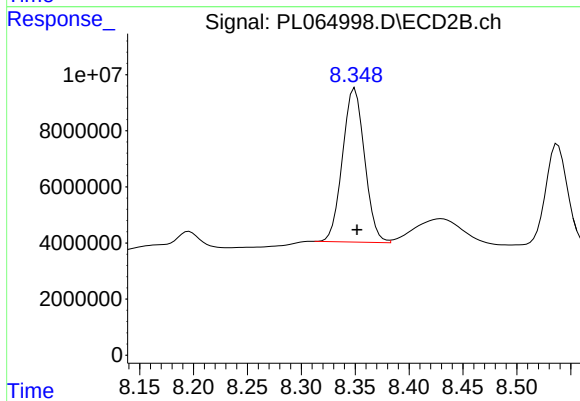
#21 Endrin ketone

R.T.: 7.899 min  
Delta R.T.: -0.003 min  
Response: 101473666  
Conc: 53.08 ng/ml



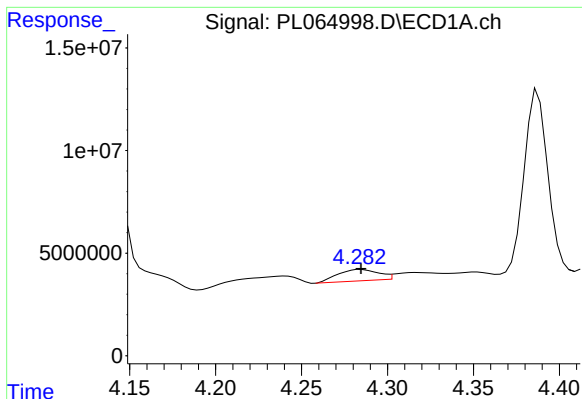
#22 Mirex

R.T.: 7.274 min  
Delta R.T.: -0.001 min  
Response: 111825693  
Conc: 52.92 ng/ml



#22 Mirex

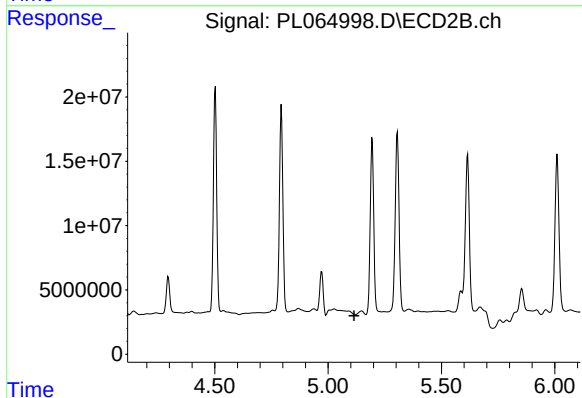
R.T.: 8.350 min  
Delta R.T.: -0.002 min  
Response: 78250460  
Conc: 56.29 ng/ml



#23 Chlordane-1

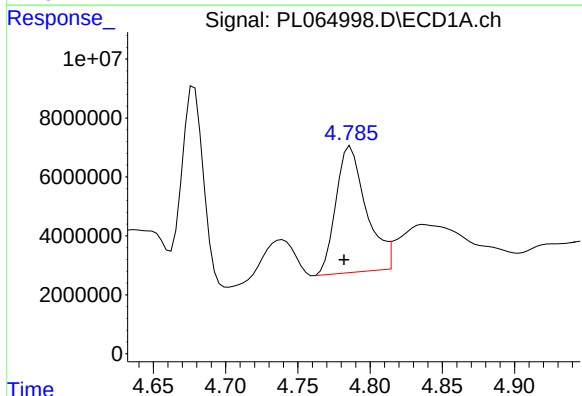
R.T.: 4.285 min  
Delta R.T.: 0.000 min  
Response: 9124618  
Conc: 80.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



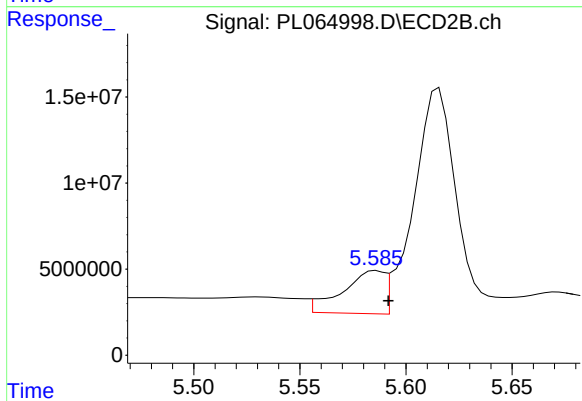
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 5.114 min  
Response: 0  
Conc: N.D.



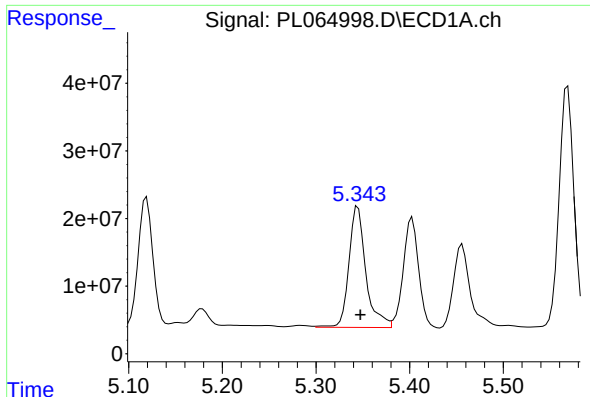
#24 Chlordane-2

R.T.: 4.786 min  
Delta R.T.: 0.005 min  
Response: 62363493  
Conc: 504.03 ng/ml



#24 Chlordane-2

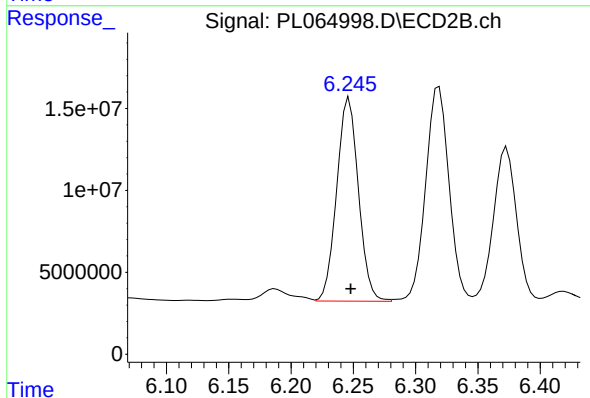
R.T.: 5.586 min  
Delta R.T.: -0.006 min  
Response: 34522551  
Conc: 395.93 ng/ml



#25 Chlordane-3

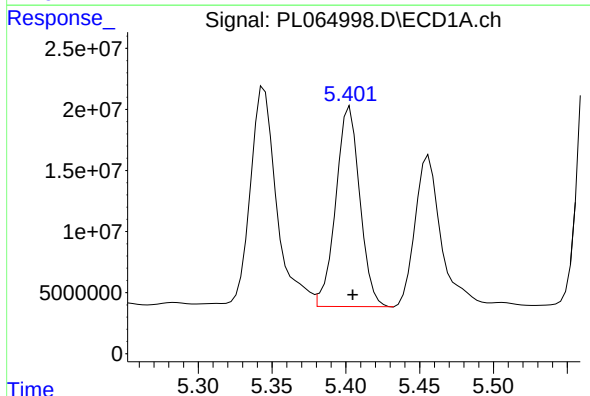
R.T.: 5.345 min  
Delta R.T.: -0.003 min  
Response: 225187574  
Conc: 685.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



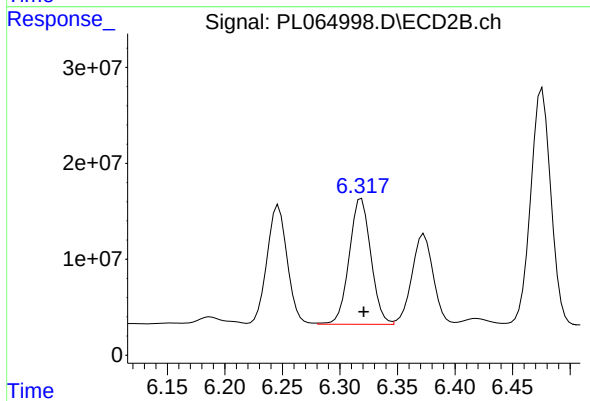
#25 Chlordane-3

R.T.: 6.247 min  
Delta R.T.: -0.001 min  
Response: 151212371  
Conc: 494.55 ng/ml



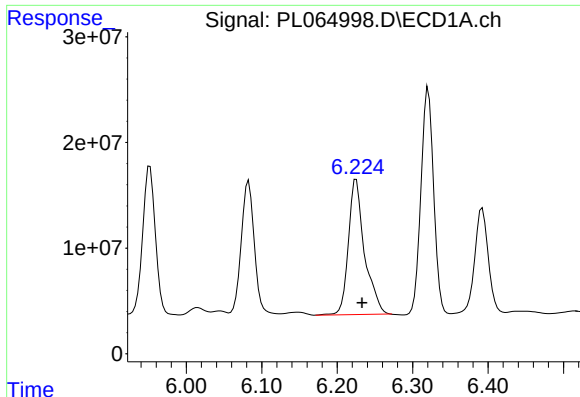
#26 Chlordane-4

R.T.: 5.403 min  
Delta R.T.: -0.002 min  
Response: 185307948  
Conc: 673.49 ng/ml



#26 Chlordane-4

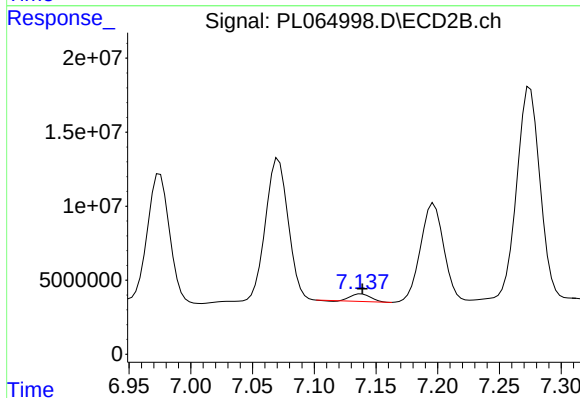
R.T.: 6.319 min  
Delta R.T.: -0.002 min  
Response: 172829207  
Conc: 466.50 ng/ml



#27 Chlordane-5

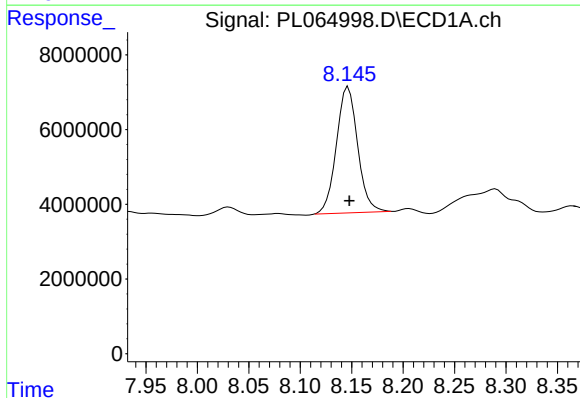
R.T.: 6.225 min  
Delta R.T.: -0.008 min  
Response: 190457465  
Conc: 1882.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



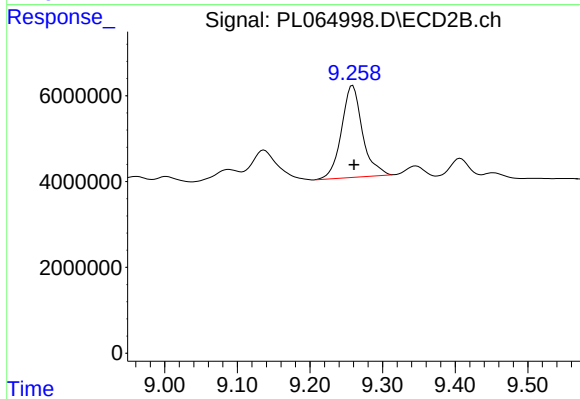
#27 Chlordane-5

R.T.: 7.138 min  
Delta R.T.: 0.000 min  
Response: 5820729  
Conc: 103.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.147 min  
Delta R.T.: -0.001 min  
Response: 48620379  
Conc: 21.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.259 min  
Delta R.T.: -0.002 min  
Response: 43067313  
Conc: 22.67 ng/ml