

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061524\  
 Data File : PL090176CC-2.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Jun 2024 22:56  
 Operator : AR\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: Jun 14 01:54:05 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052424.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 24 14:57:01 2024  
 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... | 3.548  | 2.792  | 108.6E6  | 78122378 | 51.869   | 54.485    |
| 28)                         | SA Decachlor... | 9.059  | 7.936  | 65899454 | 63782902 | 44.818   | 42.922    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 4.003  | 3.296  | 153.8E6  | 116.4E6  | 51.597   | 54.466    |
| 3)                          | MA gamma-BHC... | 4.335  | 3.626  | 150.0E6  | 114.5E6  | 51.604   | 54.730    |
| 4)                          | MA Heptachlor   | 4.925  | 3.967  | 131.3E6  | 107.7E6  | 50.284   | 53.964    |
| 5)                          | MB Aldrin       | 5.266  | 4.248  | 130.2E6  | 107.4E6  | 48.974   | 53.764    |
| 6)                          | B beta-BHC      | 4.531  | 3.924  | 66357636 | 49565718 | 50.803   | 54.182    |
| 7)                          | B delta-BHC     | 4.778  | 4.154  | 143.3E6  | 114.4E6  | 52.033   | 56.776    |
| 8)                          | B Heptachlo...  | 5.691  | 4.750  | 122.0E6  | 96120923 | 48.998   | 52.376    |
| 9)                          | A Endosulfan I  | 6.077  | 5.120  | 106.7E6  | 87499429 | 47.253   | 51.218    |
| 10)                         | B gamma-Chl...  | 5.947  | 5.001  | 113.1E6  | 96713063 | 46.758   | 51.889    |
| 11)                         | B alpha-Chl...  | 6.026  | 5.064  | 113.1E6  | 96790070 | 47.102   | 51.587    |
| 12)                         | B 4,4'-DDE      | 6.198  | 5.253  | 101.2E6  | 88455935 | 46.516   | 52.946    |
| 13)                         | MA Dieldrin     | 6.351  | 5.385  | 112.3E6  | 95113458 | 47.350   | 51.618    |
| 14)                         | MA Endrin       | 6.581  | 5.660  | 96720663 | 84220786 | 48.108   | 51.418    |
| 15)                         | B Endosulfa...  | 6.799  | 5.954  | 97294801 | 79760417 | 46.670   | 49.526    |
| 16)                         | A 4,4'-DDD      | 6.714  | 5.808  | 83795419 | 72122665 | 47.839   | 51.166    |
| 17)                         | MA 4,4'-DDT     | 7.029  | 6.058  | 87506430 | 74442921 | 47.530   | 49.021    |
| 18)                         | B Endrin al...  | 6.928  | 6.133  | 73622483 | 60936916 | 47.496   | 50.213    |
| 19)                         | B Endosulfa...  | 7.163  | 6.356  | 87573656 | 77465090 | 45.759   | 49.257    |
| 20)                         | A Methoxychlor  | 7.503  | 6.634  | 46380468 | 42799912 | 47.222   | 48.112    |
| 21)                         | B Endrin ke...  | 7.647  | 6.861  | 96933952 | 87227740 | 46.034   | 47.866    |
| 22)                         | Mirex           | 8.122  | 7.044  | 72027383 | 69049596 | 43.296   | 44.961    |
| 23)                         | Chlordane-1     | 4.736f | 3.789  | 5499     | 24306    | 0.051    | 0.371 #   |
| 24)                         | Chlordane-2     | 5.266f | 4.385  | 130.2E6  | 1450471  | 1083.802 | 18.183 #  |
| 25)                         | Chlordane-3     | 5.947  | 5.001  | 113.1E6  | 96713063 | 282.588  | 434.488 # |
| 26)                         | Chlordane-4     | 6.026  | 5.064  | 113.1E6  | 96790070 | 231.430  | 457.771 # |
| 27)                         | Chlordane-5     | 0.000  | 5.756f | 0        | 166559   | N.D.     | 2.453 #   |
| -----                       |                 |        |        |          |          |          |           |

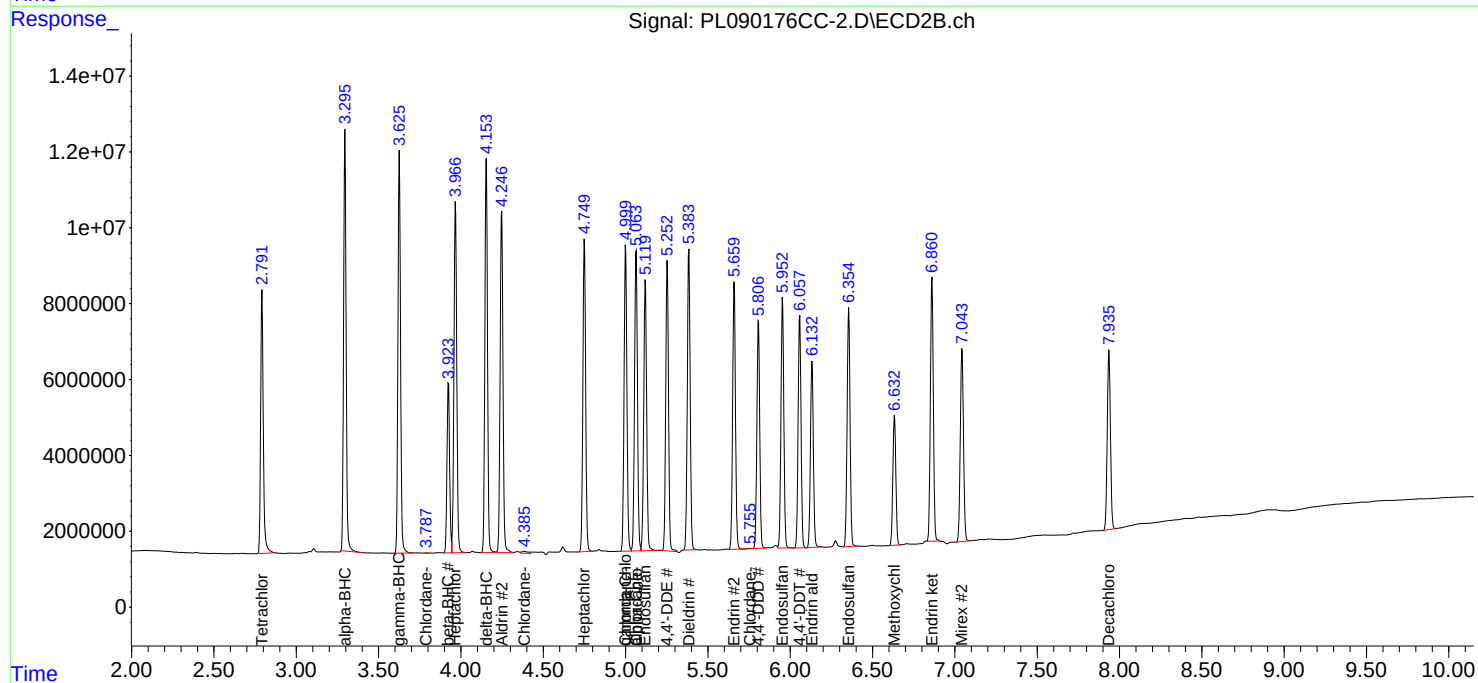
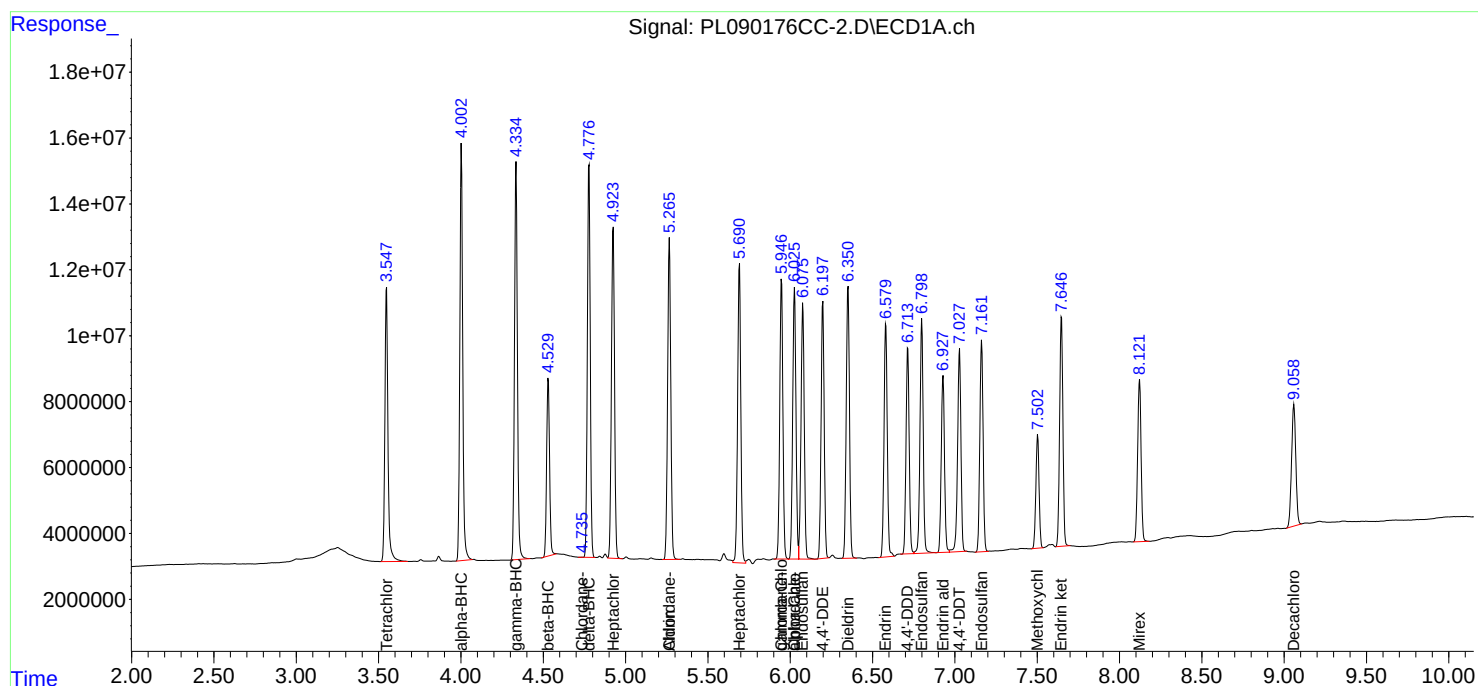
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

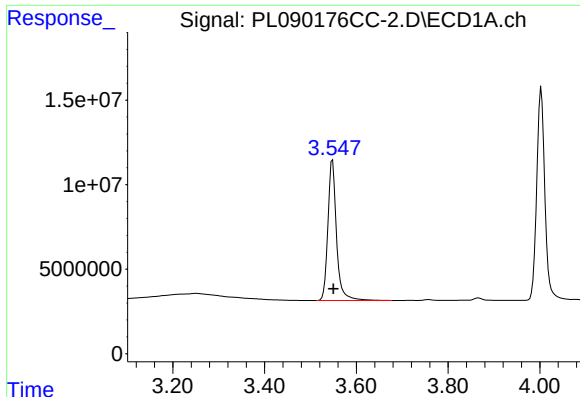
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061524\  
Data File : PL090176CC-2.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Jun 2024 22:56  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 14 01:54:05 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052424.M  
Quant Title : GC Extractables  
QLast Update : Fri May 24 14:57:01 2024  
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

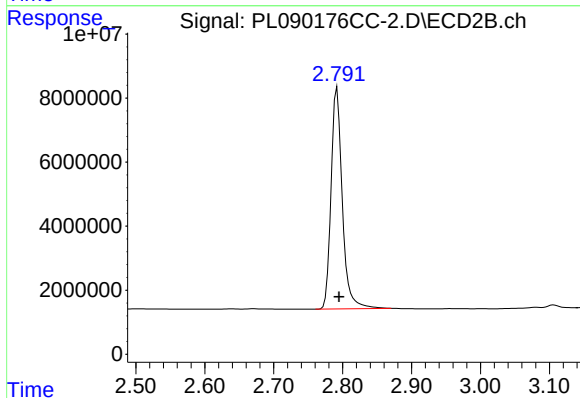




#1 Tetrachloro-m-xylene

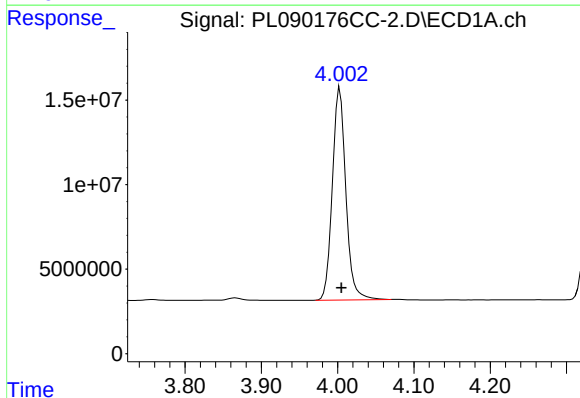
R.T.: 3.548 min  
Delta R.T.: -0.002 min  
Response: 108600266  
Conc: 51.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



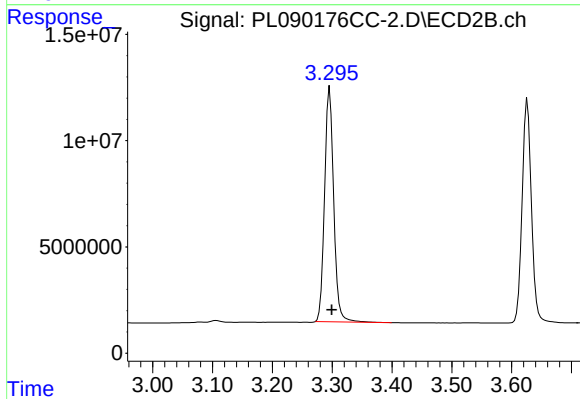
#1 Tetrachloro-m-xylene

R.T.: 2.792 min  
Delta R.T.: -0.003 min  
Response: 78122378  
Conc: 54.48 ng/ml



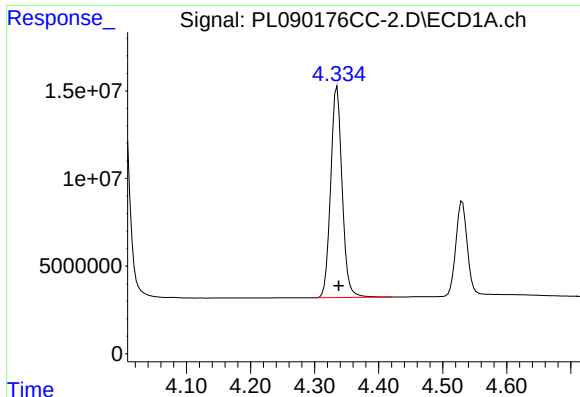
#2 alpha-BHC

R.T.: 4.003 min  
Delta R.T.: -0.002 min  
Response: 153836675  
Conc: 51.60 ng/ml



#2 alpha-BHC

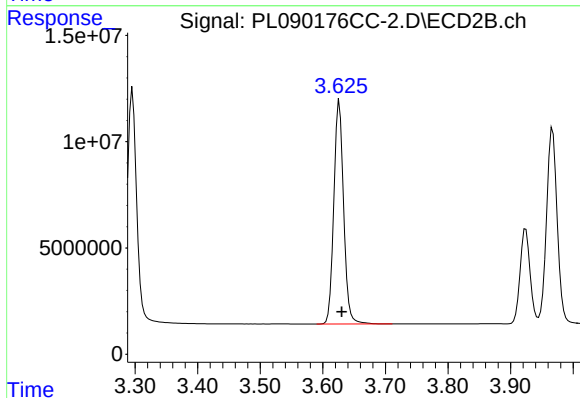
R.T.: 3.296 min  
Delta R.T.: -0.004 min  
Response: 116426753  
Conc: 54.47 ng/ml



#3 gamma-BHC (Lindane)

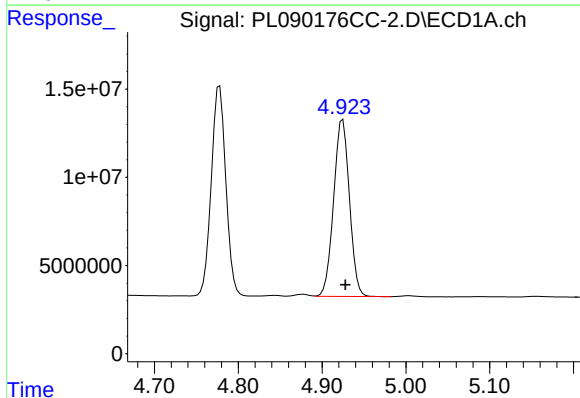
R.T.: 4.335 min  
Delta R.T.: -0.002 min  
Response: 149970974  
Conc: 51.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



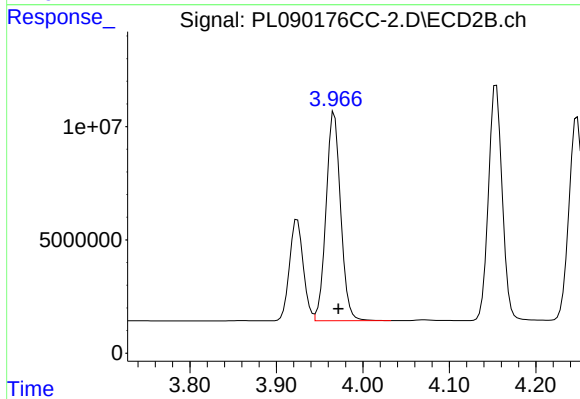
#3 gamma-BHC (Lindane)

R.T.: 3.626 min  
Delta R.T.: -0.004 min  
Response: 114470293  
Conc: 54.73 ng/ml



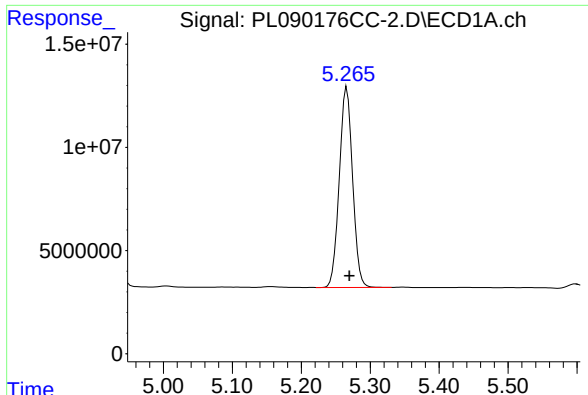
#4 Heptachlor

R.T.: 4.925 min  
Delta R.T.: -0.003 min  
Response: 131266351  
Conc: 50.28 ng/ml



#4 Heptachlor

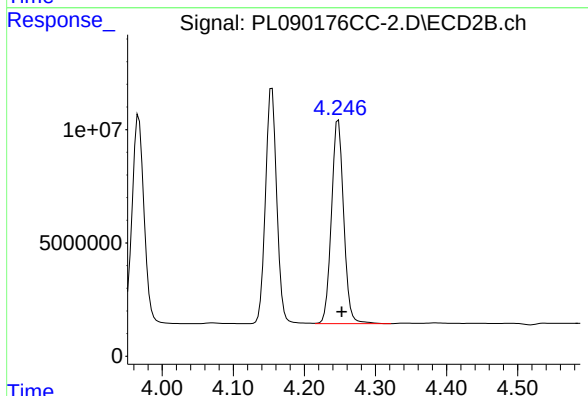
R.T.: 3.967 min  
Delta R.T.: -0.005 min  
Response: 107700194  
Conc: 53.96 ng/ml



#5 Aldrin

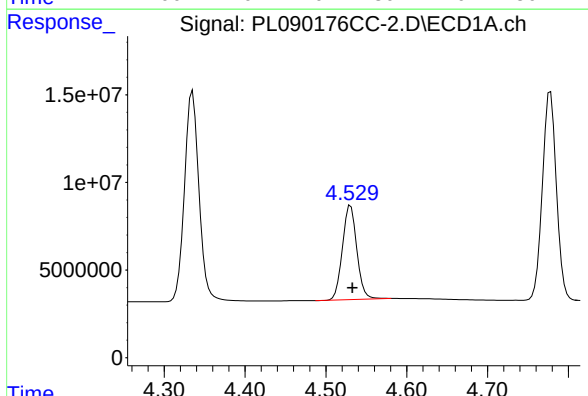
R.T.: 5.266 min  
Delta R.T.: -0.004 min  
Response: 130158304  
Conc: 48.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



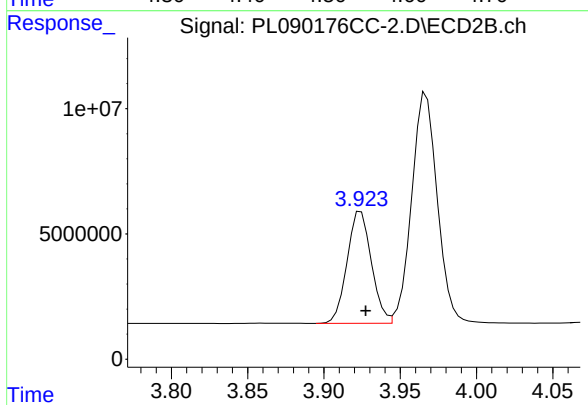
#5 Aldrin

R.T.: 4.248 min  
Delta R.T.: -0.005 min  
Response: 107432558  
Conc: 53.76 ng/ml



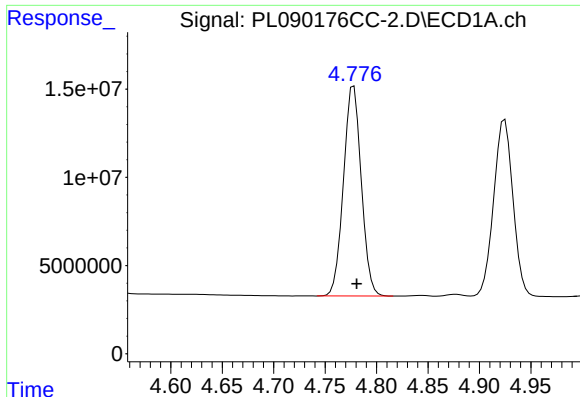
#6 beta-BHC

R.T.: 4.531 min  
Delta R.T.: -0.002 min  
Response: 66357636  
Conc: 50.80 ng/ml



#6 beta-BHC

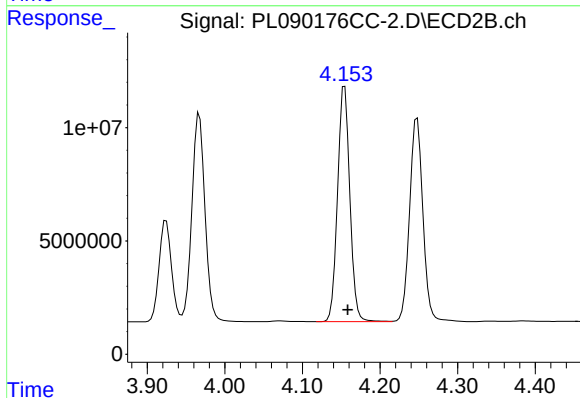
R.T.: 3.924 min  
Delta R.T.: -0.003 min  
Response: 49565718  
Conc: 54.18 ng/ml



#7 delta-BHC

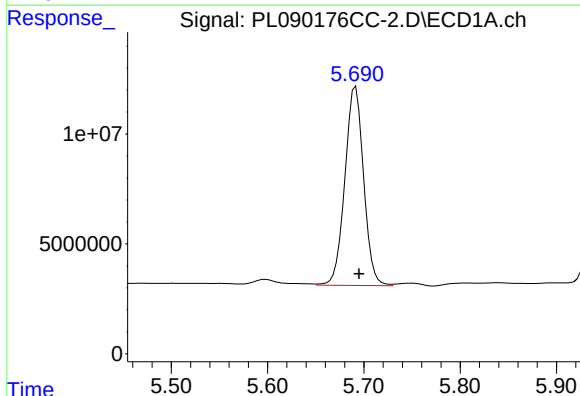
R.T.: 4.778 min  
Delta R.T.: -0.003 min  
Response: 143340508  
Conc: 52.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



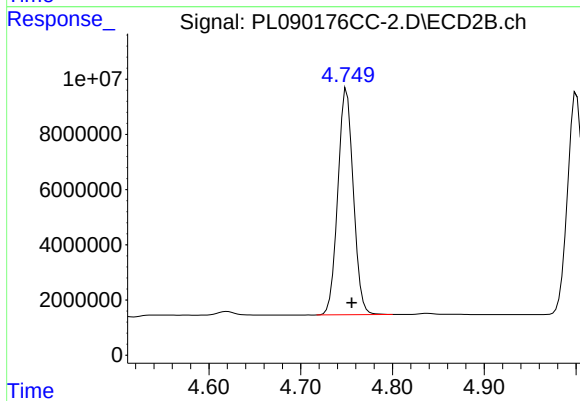
#7 delta-BHC

R.T.: 4.154 min  
Delta R.T.: -0.004 min  
Response: 114430008  
Conc: 56.78 ng/ml



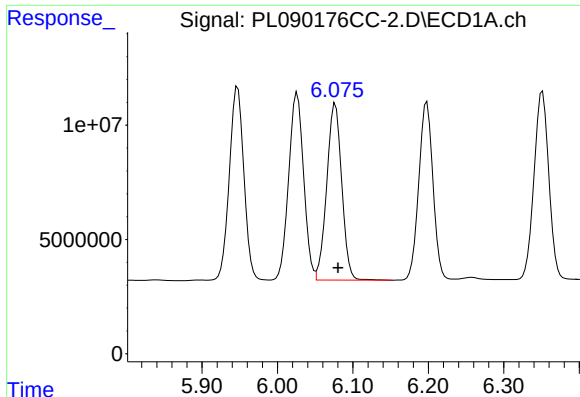
#8 Heptachlor epoxide

R.T.: 5.691 min  
Delta R.T.: -0.004 min  
Response: 122041177  
Conc: 49.00 ng/ml



#8 Heptachlor epoxide

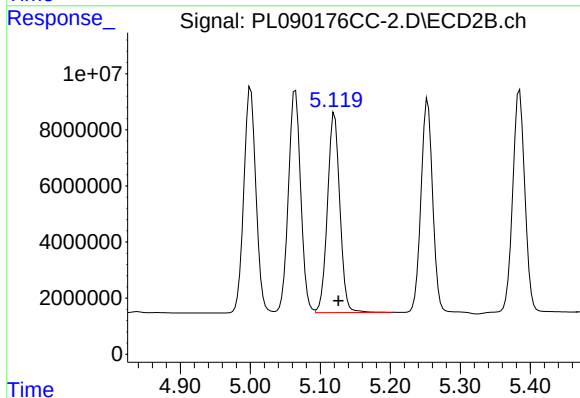
R.T.: 4.750 min  
Delta R.T.: -0.005 min  
Response: 96120923  
Conc: 52.38 ng/ml



#9 Endosulfan I

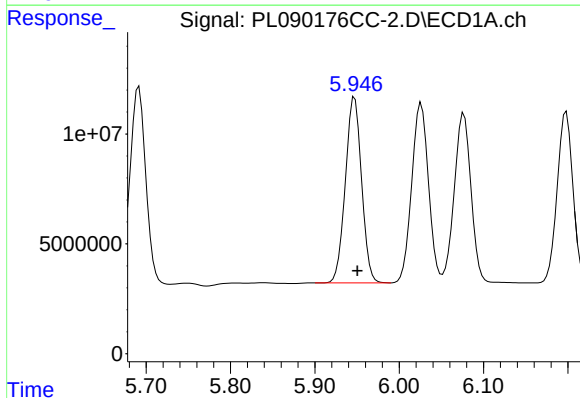
R.T.: 6.077 min  
Delta R.T.: -0.004 min  
Response: 106721581  
Conc: 47.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



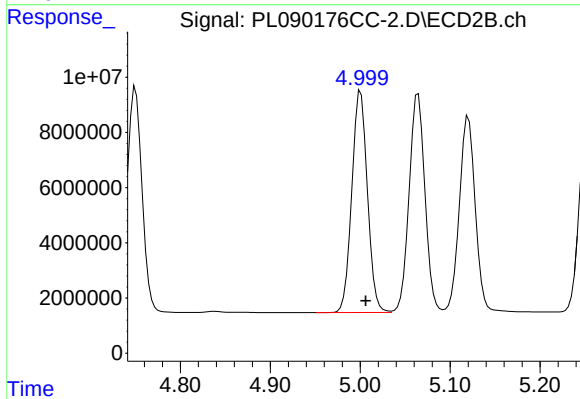
#9 Endosulfan I

R.T.: 5.120 min  
Delta R.T.: -0.006 min  
Response: 87499429  
Conc: 51.22 ng/ml



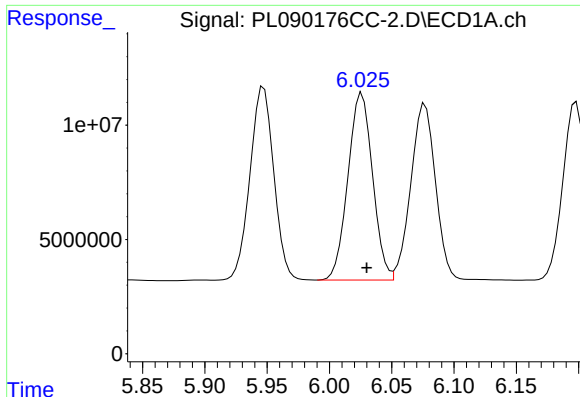
#10 gamma-Chlordane

R.T.: 5.947 min  
Delta R.T.: -0.003 min  
Response: 113077288  
Conc: 46.76 ng/ml



#10 gamma-Chlordane

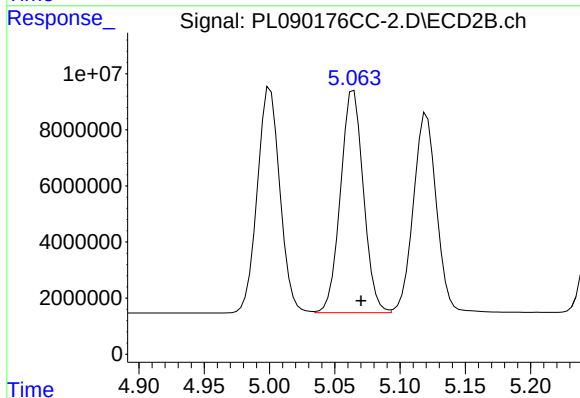
R.T.: 5.001 min  
Delta R.T.: -0.006 min  
Response: 96713063  
Conc: 51.89 ng/ml



#11 alpha-Chlordane

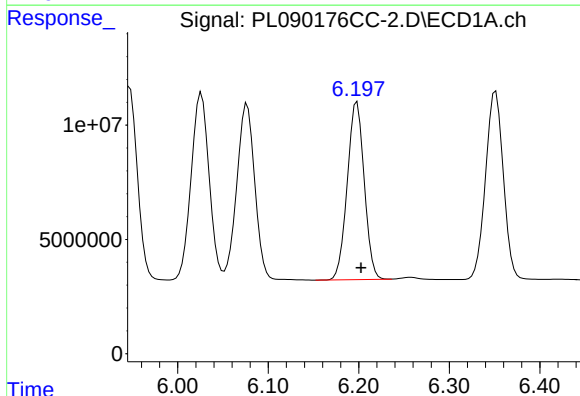
R.T.: 6.026 min  
Delta R.T.: -0.004 min  
Response: 113141948  
Conc: 47.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



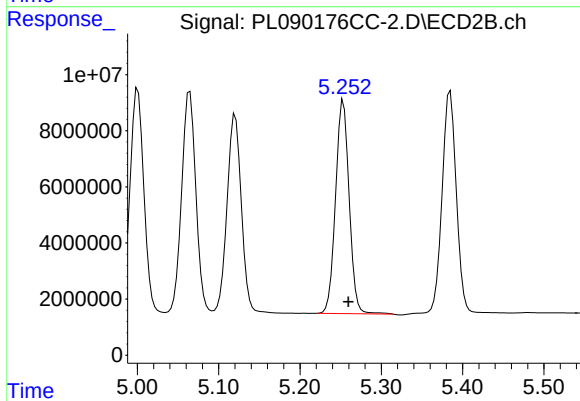
#11 alpha-Chlordane

R.T.: 5.064 min  
Delta R.T.: -0.006 min  
Response: 96790070  
Conc: 51.59 ng/ml



#12 4,4'-DDE

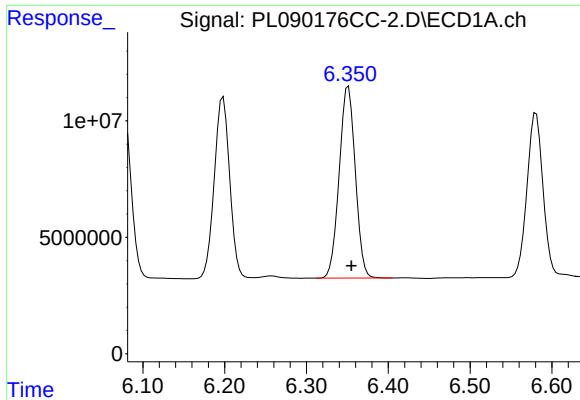
R.T.: 6.198 min  
Delta R.T.: -0.004 min  
Response: 101189542  
Conc: 46.52 ng/ml



#12 4,4'-DDE

R.T.: 5.253 min  
Delta R.T.: -0.006 min  
Response: 88455935  
Conc: 52.95 ng/ml

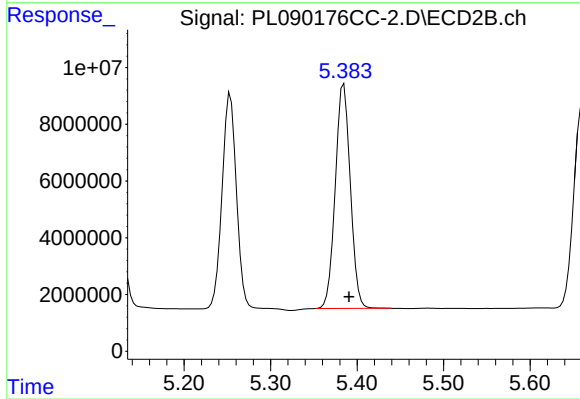




#13 Dieldrin

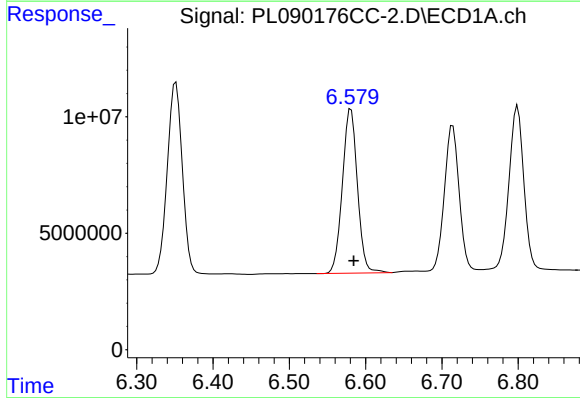
R.T.: 6.351 min  
Delta R.T.: -0.004 min  
Response: 112252393  
Conc: 47.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



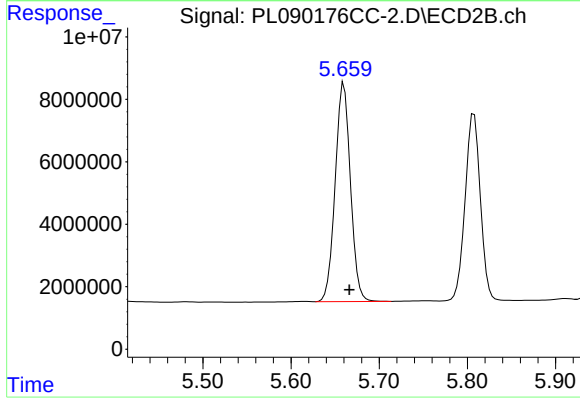
#13 Dieldrin

R.T.: 5.385 min  
Delta R.T.: -0.006 min  
Response: 95113458  
Conc: 51.62 ng/ml



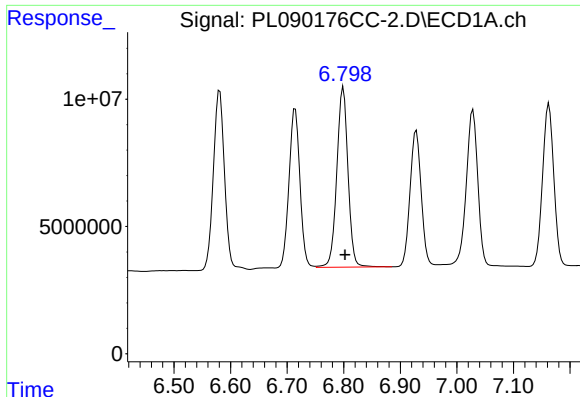
#14 Endrin

R.T.: 6.581 min  
Delta R.T.: -0.004 min  
Response: 96720663  
Conc: 48.11 ng/ml



#14 Endrin

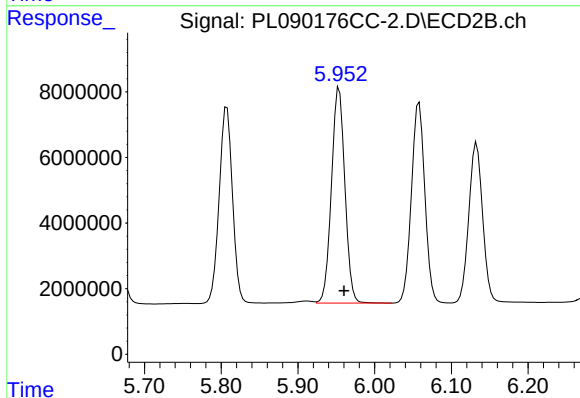
R.T.: 5.660 min  
Delta R.T.: -0.006 min  
Response: 84220786  
Conc: 51.42 ng/ml



#15 Endosulfan II

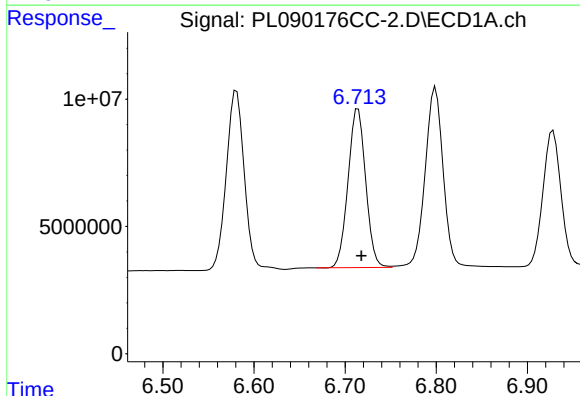
R.T.: 6.799 min  
Delta R.T.: -0.003 min  
Response: 97294801  
Conc: 46.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



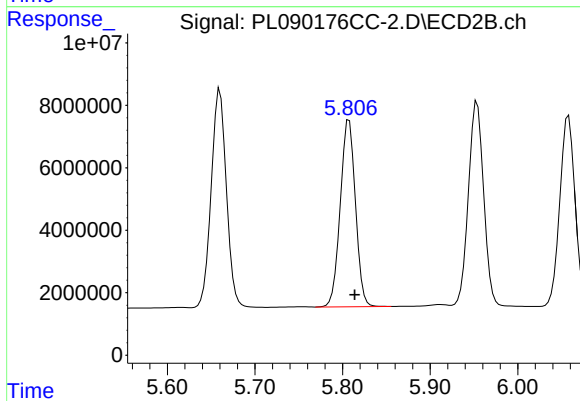
#15 Endosulfan II

R.T.: 5.954 min  
Delta R.T.: -0.006 min  
Response: 79760417  
Conc: 49.53 ng/ml



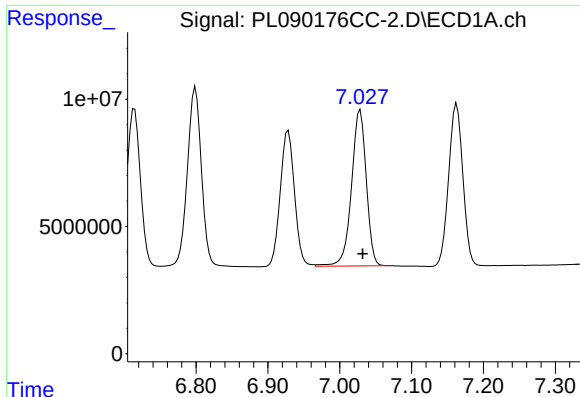
#16 4,4'-DDD

R.T.: 6.714 min  
Delta R.T.: -0.004 min  
Response: 83795419  
Conc: 47.84 ng/ml



#16 4,4'-DDD

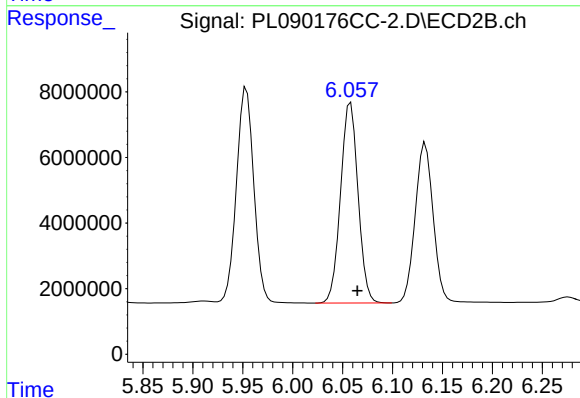
R.T.: 5.808 min  
Delta R.T.: -0.006 min  
Response: 72122665  
Conc: 51.17 ng/ml



#17 4,4'-DDT

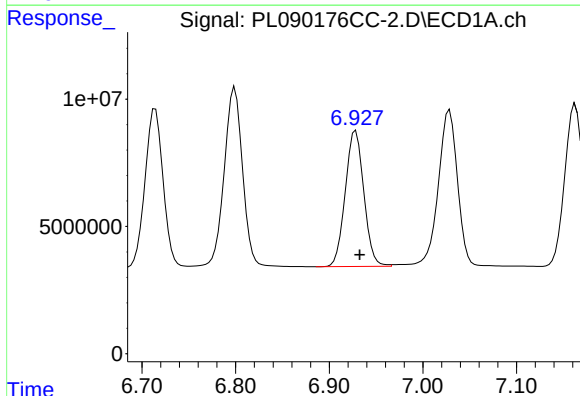
R.T.: 7.029 min  
Delta R.T.: -0.004 min  
Response: 87506430  
Conc: 47.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



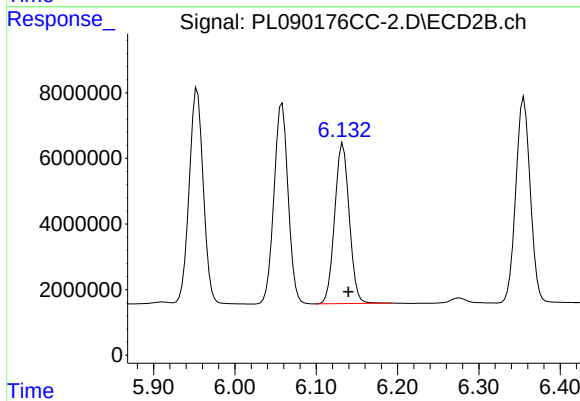
#17 4,4'-DDT

R.T.: 6.058 min  
Delta R.T.: -0.007 min  
Response: 74442921  
Conc: 49.02 ng/ml



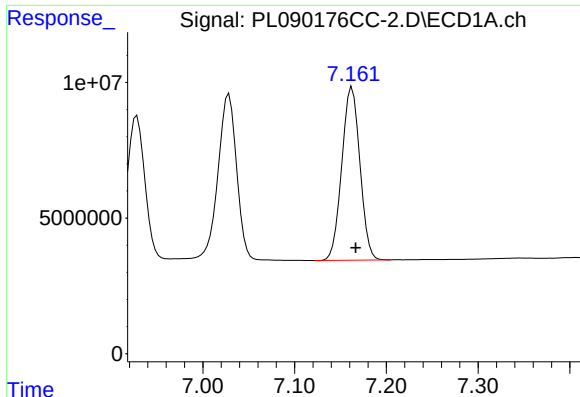
#18 Endrin aldehyde

R.T.: 6.928 min  
Delta R.T.: -0.004 min  
Response: 73622483  
Conc: 47.50 ng/ml



#18 Endrin aldehyde

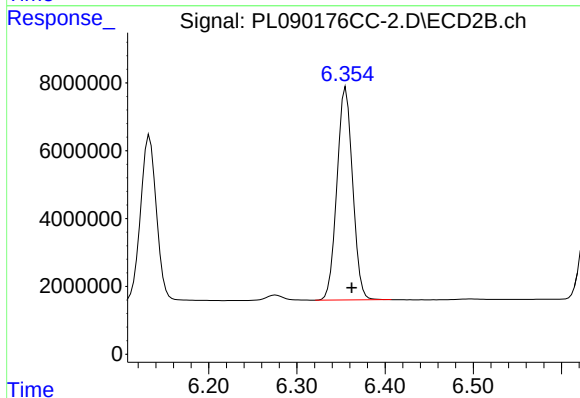
R.T.: 6.133 min  
Delta R.T.: -0.007 min  
Response: 60936916  
Conc: 50.21 ng/ml



#19 Endosulfan Sulfate

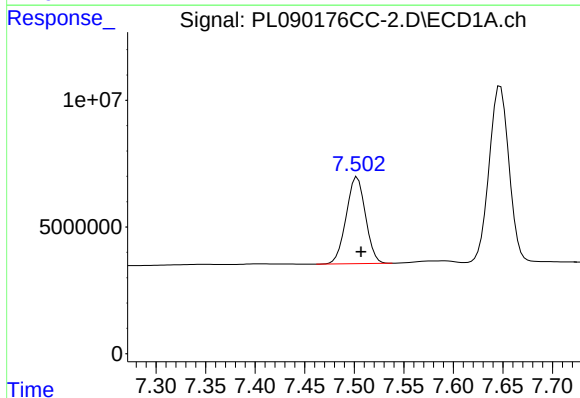
R.T.: 7.163 min  
Delta R.T.: -0.004 min  
Response: 87573656  
Conc: 45.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



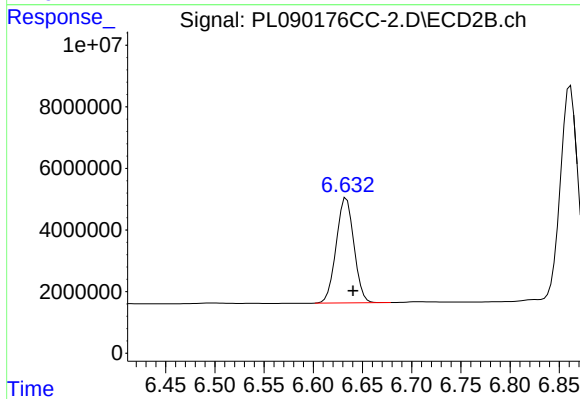
#19 Endosulfan Sulfate

R.T.: 6.356 min  
Delta R.T.: -0.007 min  
Response: 77465090  
Conc: 49.26 ng/ml



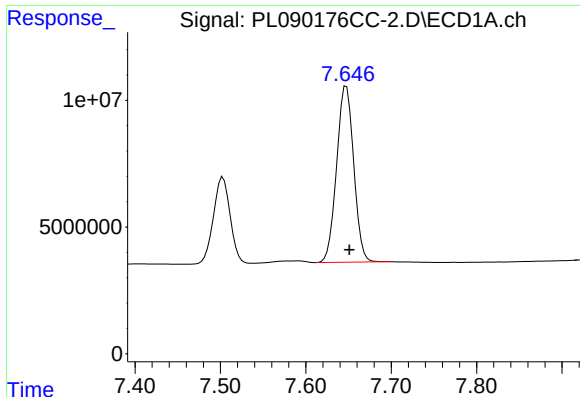
#20 Methoxychlor

R.T.: 7.503 min  
Delta R.T.: -0.004 min  
Response: 46380468  
Conc: 47.22 ng/ml



#20 Methoxychlor

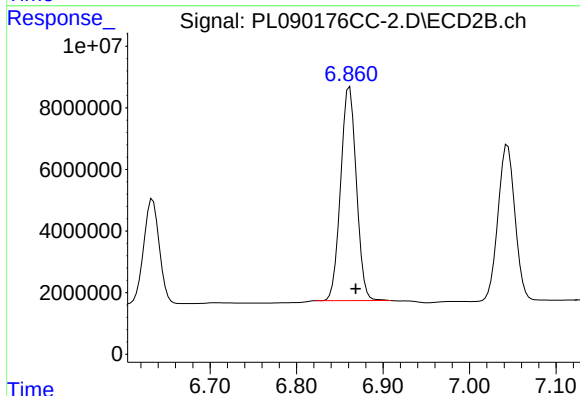
R.T.: 6.634 min  
Delta R.T.: -0.007 min  
Response: 42799912  
Conc: 48.11 ng/ml



#21 Endrin ketone

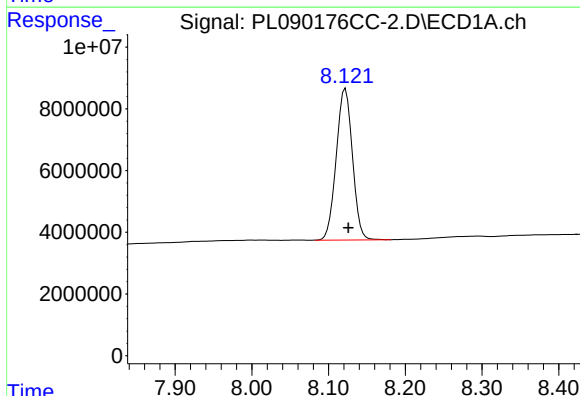
R.T.: 7.647 min  
Delta R.T.: -0.004 min  
Response: 96933952  
Conc: 46.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



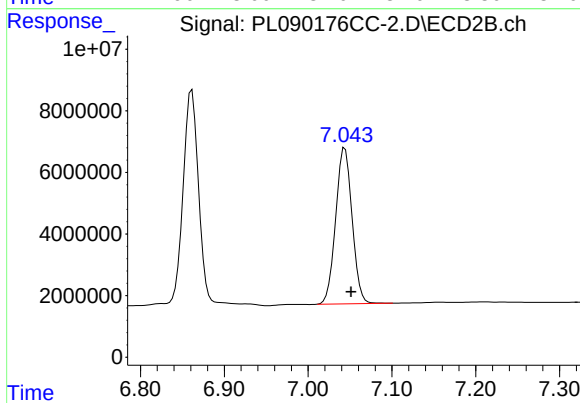
#21 Endrin ketone

R.T.: 6.861 min  
Delta R.T.: -0.007 min  
Response: 87227740  
Conc: 47.87 ng/ml



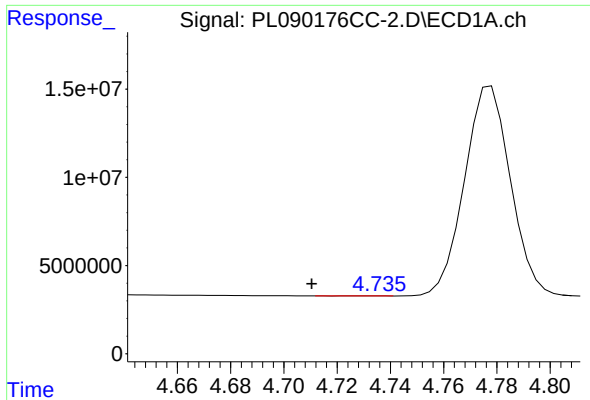
#22 Mirex

R.T.: 8.122 min  
Delta R.T.: -0.004 min  
Response: 72027383  
Conc: 43.30 ng/ml



#22 Mirex

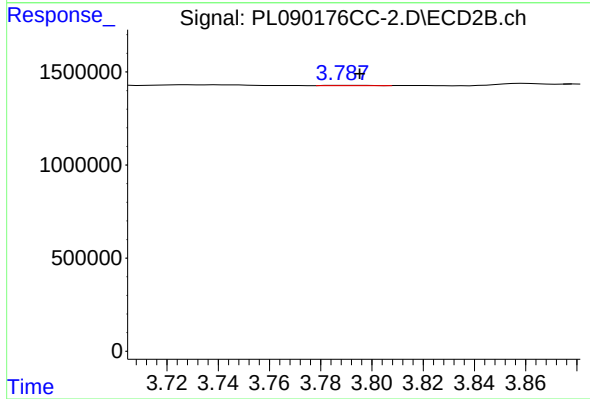
R.T.: 7.044 min  
Delta R.T.: -0.007 min  
Response: 69049596  
Conc: 44.96 ng/ml



#23 Chlordane-1

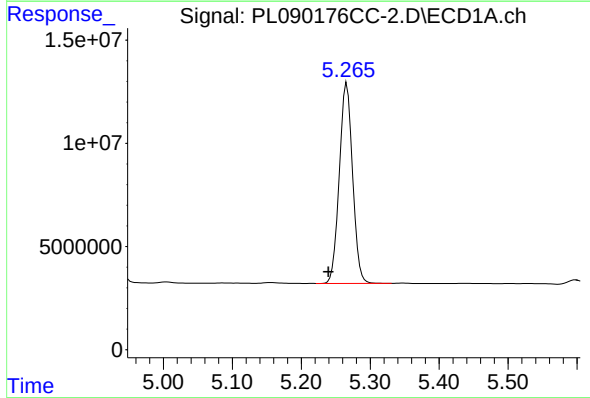
R.T.: 4.736 min  
Delta R.T.: 0.026 min  
Response: 5499  
Conc: 0.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



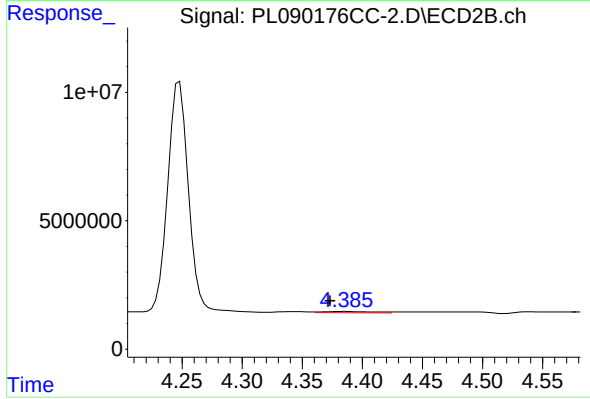
#23 Chlordane-1

R.T.: 3.789 min  
Delta R.T.: -0.006 min  
Response: 24306  
Conc: 0.37 ng/ml



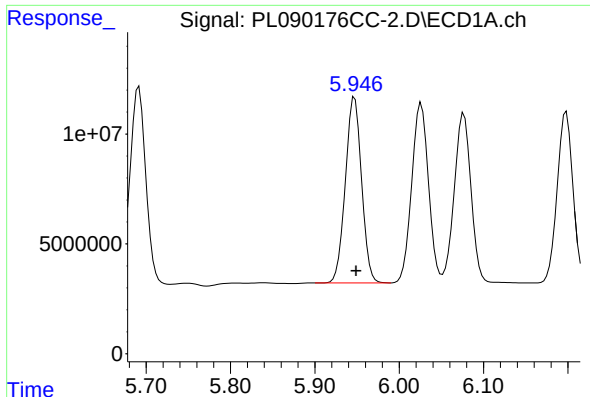
#24 Chlordane-2

R.T.: 5.266 min  
Delta R.T.: 0.027 min  
Response: 130158304  
Conc: 1083.80 ng/ml



#24 Chlordane-2

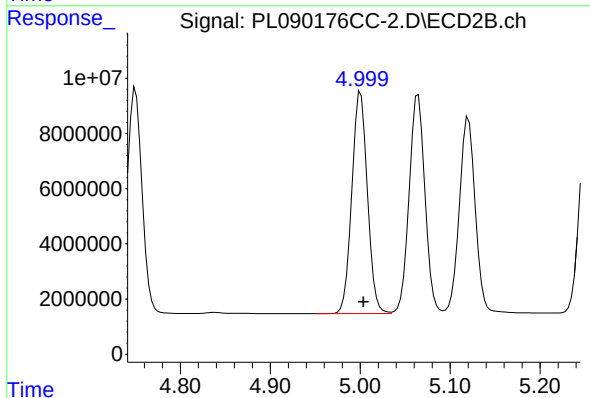
R.T.: 4.385 min  
Delta R.T.: 0.012 min  
Response: 1450471  
Conc: 18.18 ng/ml



#25 Chlordane-3

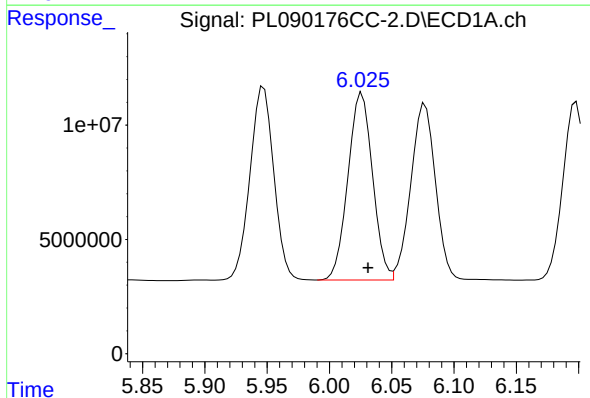
R.T.: 5.947 min  
Delta R.T.: -0.002 min  
Response: 113077288  
Conc: 282.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



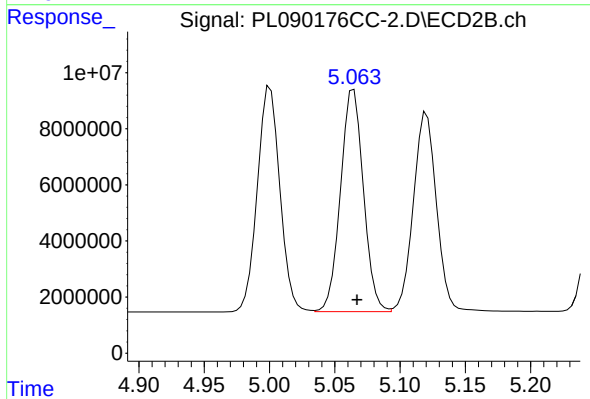
#25 Chlordane-3

R.T.: 5.001 min  
Delta R.T.: -0.003 min  
Response: 96713063  
Conc: 434.49 ng/ml



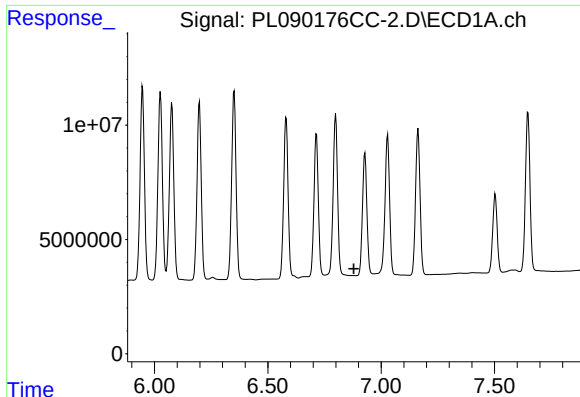
#26 Chlordane-4

R.T.: 6.026 min  
Delta R.T.: -0.005 min  
Response: 113141948  
Conc: 231.43 ng/ml



#26 Chlordane-4

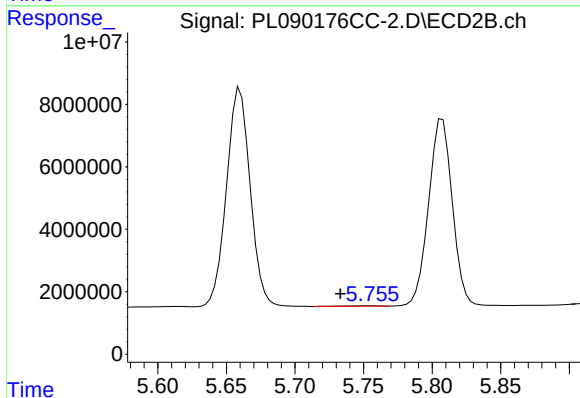
R.T.: 5.064 min  
Delta R.T.: -0.003 min  
Response: 96790070  
Conc: 457.77 ng/ml



#27 Chlordane-5

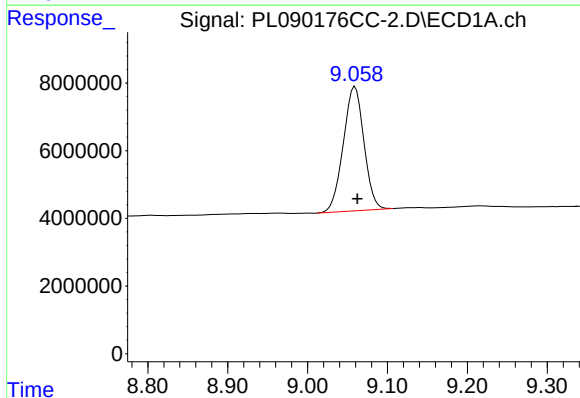
R.T.: 0.000 min  
Exp R.T.: 6.879 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



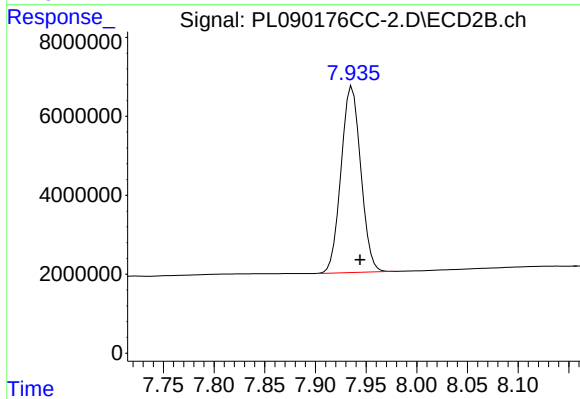
#27 Chlordane-5

R.T.: 5.756 min  
Delta R.T.: 0.023 min  
Response: 166559  
Conc: 2.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.059 min  
Delta R.T.: -0.003 min  
Response: 65899454  
Conc: 44.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.936 min  
Delta R.T.: -0.008 min  
Response: 63782902  
Conc: 42.92 ng/ml