

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090324\  
 Data File : PL091476.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Sep 2024 12:38  
 Operator : AR\AJ  
 Sample : PB163087BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB163087BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 04 06:25:06 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 14 13:09:19 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... | 3.552 | 2.785 | 41530704 | 38593322 | 19.342  | 19.771    |
| 28)                         | SA Decachlor... | 9.069 | 7.928 | 35643854 | 40361840 | 23.380  | 21.309    |
| Target Compounds            |                 |       |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.008 | 3.288 | 143.7E6  | 149.2E6  | 47.929  | 53.807    |
| 3)                          | MA gamma-BHC... | 4.341 | 3.619 | 137.7E6  | 141.1E6  | 47.996  | 53.566    |
| 4)                          | MA Heptachlor   | 4.930 | 3.959 | 131.9E6  | 137.5E6  | 49.548  | 53.235    |
| 5)                          | MB Aldrin       | 5.272 | 4.239 | 123.7E6  | 132.0E6  | 47.946  | 53.675    |
| 6)                          | B beta-BHC      | 4.538 | 3.917 | 64127592 | 60839390 | 47.419  | 51.687    |
| 7)                          | B delta-BHC     | 4.785 | 4.147 | 130.8E6  | 133.1E6  | 48.060  | 52.512    |
| 8)                          | B Heptachlo...  | 5.698 | 4.742 | 118.7E6  | 120.3E6  | 48.535  | 53.365    |
| 9)                          | A Endosulfan I  | 6.083 | 5.112 | 108.8E6  | 113.5E6  | 48.461  | 53.793    |
| 10)                         | B gamma-Chl...  | 5.953 | 4.993 | 116.8E6  | 126.3E6  | 48.318  | 53.416    |
| 11)                         | B alpha-Chl...  | 6.033 | 5.056 | 116.0E6  | 125.4E6  | 48.174  | 53.323    |
| 12)                         | B 4,4'-DDE      | 6.205 | 5.245 | 103.1E6  | 113.2E6  | 49.289  | 54.200    |
| 13)                         | MA Dieldrin     | 6.358 | 5.377 | 114.7E6  | 122.2E6  | 48.683  | 53.640    |
| 14)                         | MA Endrin       | 6.587 | 5.652 | 92248780 | 107.5E6  | 47.570  | 52.784    |
| 15)                         | B Endosulfa...  | 6.806 | 5.947 | 101.9E6  | 106.5E6  | 50.359  | 55.032    |
| 16)                         | A 4,4'-DDD      | 6.722 | 5.800 | 87507156 | 86685542 | 57.899  | 52.512    |
| 17)                         | MA 4,4'-DDT     | 7.036 | 6.050 | 93382268 | 96649905 | 52.607  | 54.408    |
| 18)                         | B Endrin al...  | 6.936 | 6.126 | 80456556 | 82886441 | 50.398  | 53.211    |
| 19)                         | B Endosulfa...  | 7.171 | 6.348 | 95121134 | 102.3E6  | 49.577  | 53.069    |
| 20)                         | A Methoxychlor  | 7.510 | 6.626 | 51548838 | 48614653 | 54.824  | 48.958    |
| 21)                         | B Endrin ke...  | 7.655 | 6.855 | 104.4E6  | 115.2E6  | 49.716  | 52.913    |
| 22)                         | Mirex           | 8.129 | 7.036 | 84744322 | 96998467 | 49.816  | 51.970    |
| 24)                         | Chlordane-2     | 0.000 | 4.377 | 0        | 454744   | N.D.    | 4.840 #   |
| 25)                         | Chlordane-3     | 5.953 | 4.993 | 116.8E6  | 126.3E6  | 336.163 | 519.996 # |
| 26)                         | Chlordane-4     | 6.033 | 5.056 | 116.0E6  | 125.4E6  | 275.764 | 538.005 # |
| 27)                         | Chlordane-5     | 0.000 | 5.722 | 0        | 90369    | N.D.    | 1.305 #   |
| -----                       |                 |       |       |          |          |         |           |

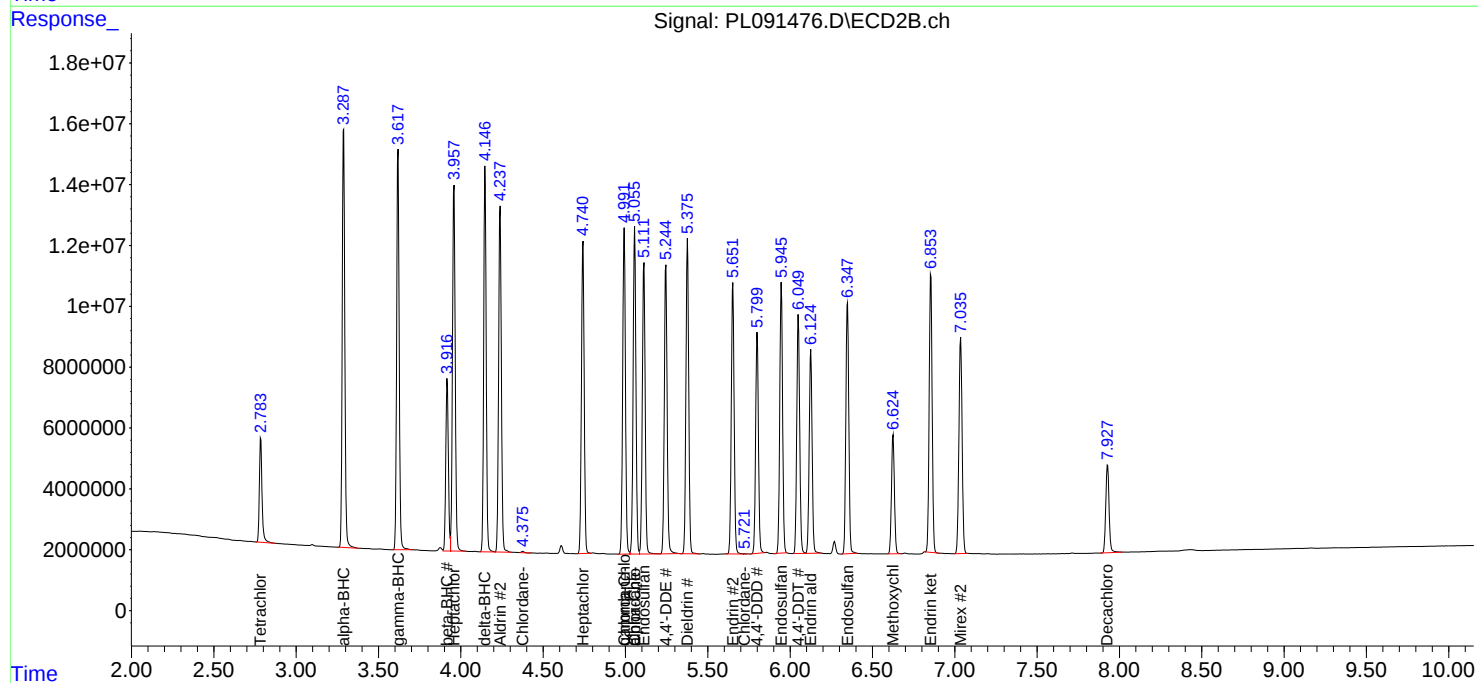
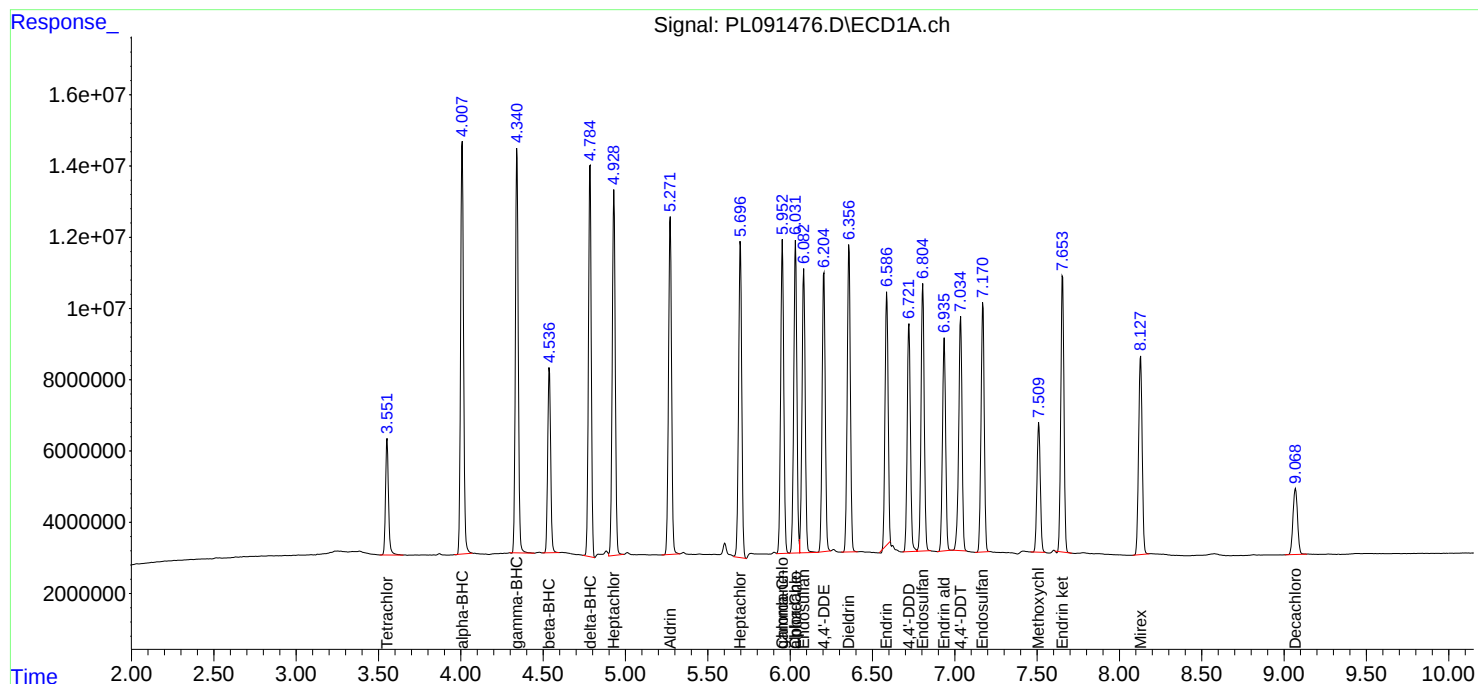
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

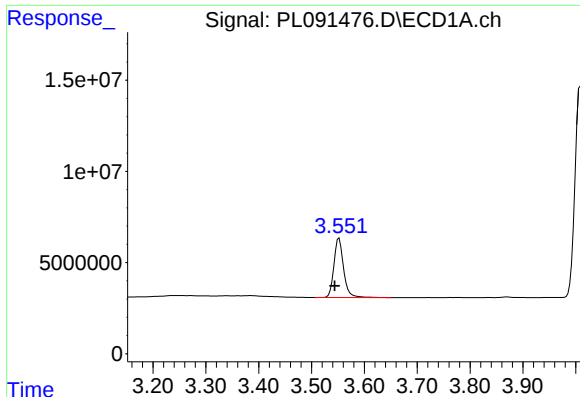
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090324\  
Data File : PL091476.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Sep 2024 12:38  
Operator : AR\AJ  
Sample : PB163087BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB163087BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 04 06:25:06 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081324.M  
Quant Title : GC Extractables  
QLast Update : Wed Aug 14 13:09:19 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

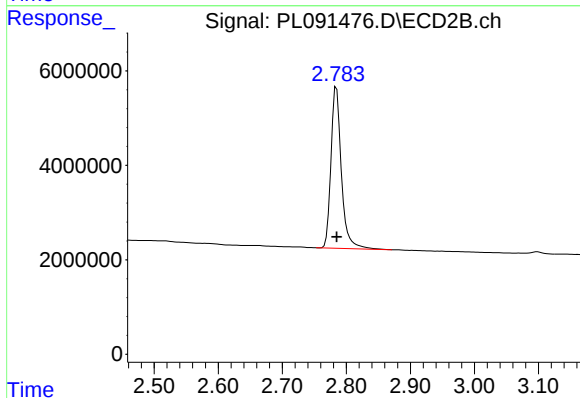




#1 Tetrachloro-m-xylene

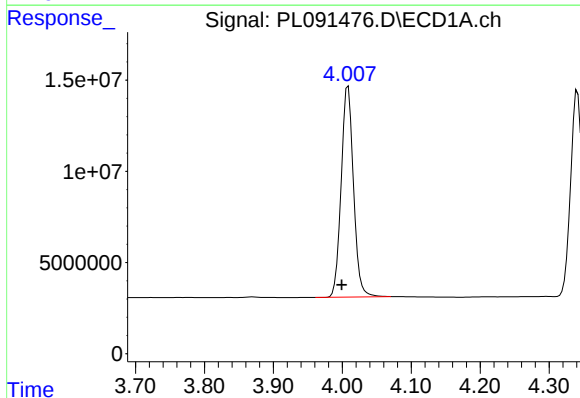
R.T.: 3.552 min  
Delta R.T.: 0.008 min  
Response: 41530704  
Conc: 19.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163087BS



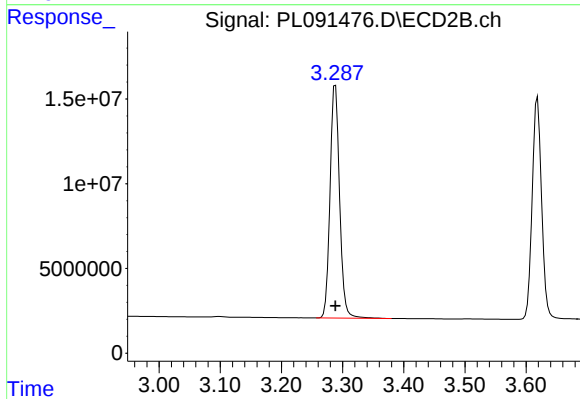
#1 Tetrachloro-m-xylene

R.T.: 2.785 min  
Delta R.T.: 0.000 min  
Response: 38593322  
Conc: 19.77 ng/ml



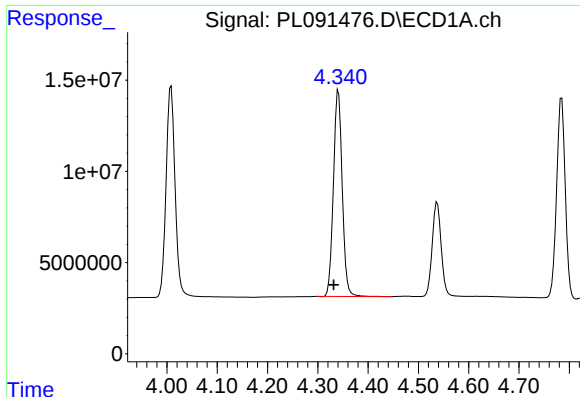
#2 alpha-BHC

R.T.: 4.008 min  
Delta R.T.: 0.009 min  
Response: 143681297  
Conc: 47.93 ng/ml



#2 alpha-BHC

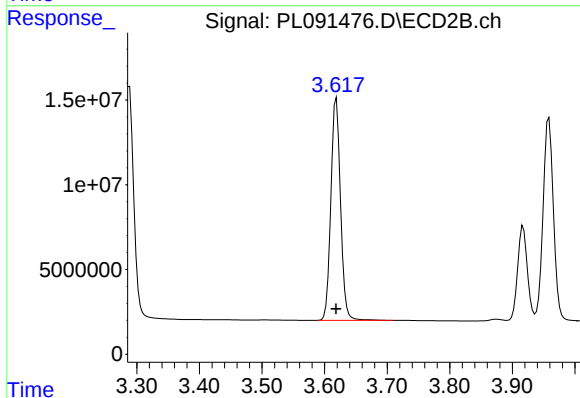
R.T.: 3.288 min  
Delta R.T.: 0.000 min  
Response: 149230138  
Conc: 53.81 ng/ml



#3 gamma-BHC (Lindane)

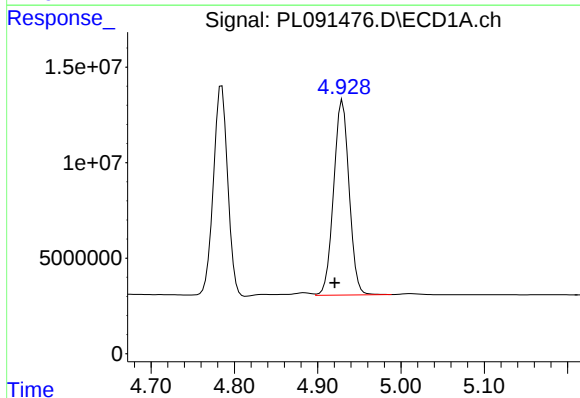
R.T.: 4.341 min  
Delta R.T.: 0.009 min  
Response: 137684630  
Conc: 48.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163087BS



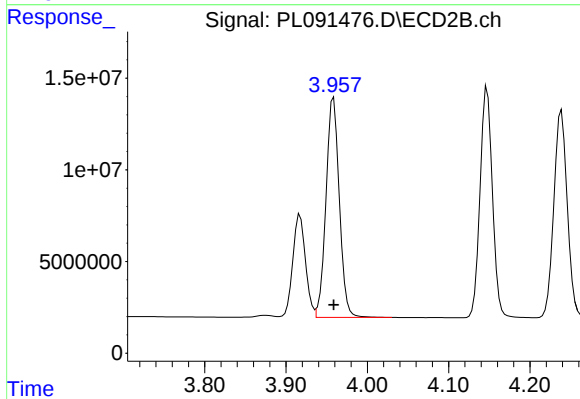
#3 gamma-BHC (Lindane)

R.T.: 3.619 min  
Delta R.T.: 0.000 min  
Response: 141088510  
Conc: 53.57 ng/ml



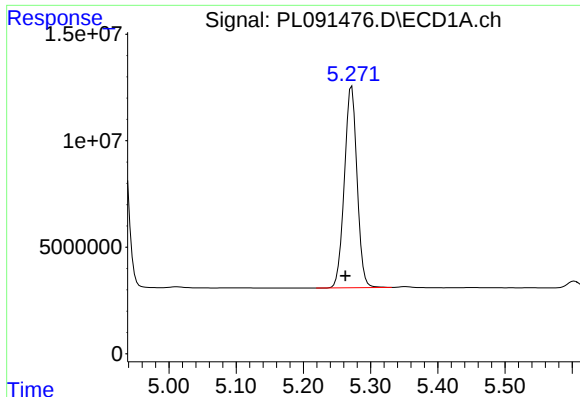
#4 Heptachlor

R.T.: 4.930 min  
Delta R.T.: 0.009 min  
Response: 131947671  
Conc: 49.55 ng/ml



#4 Heptachlor

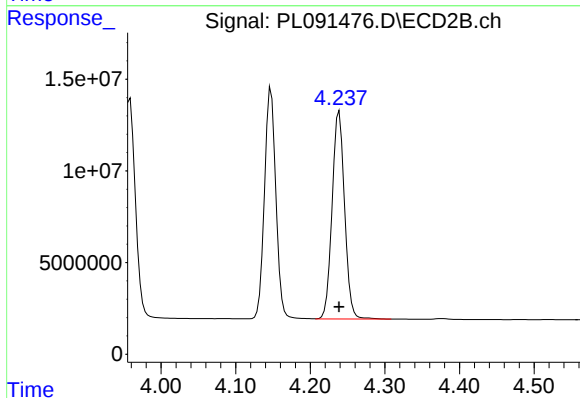
R.T.: 3.959 min  
Delta R.T.: 0.000 min  
Response: 137489794  
Conc: 53.23 ng/ml



#5 Aldrin

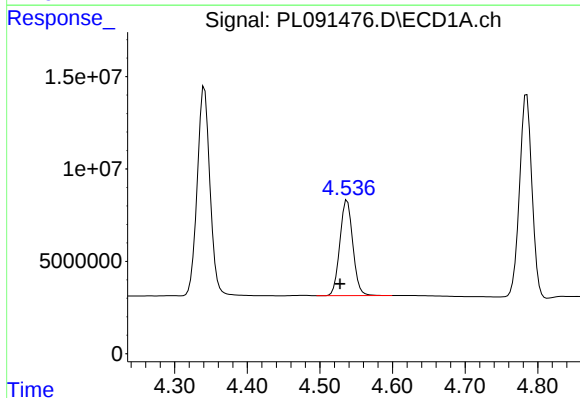
R.T.: 5.272 min  
Delta R.T.: 0.009 min  
Response: 123741791  
Conc: 47.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163087BS



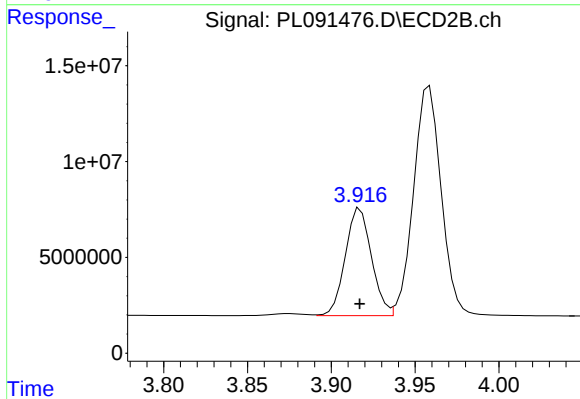
#5 Aldrin

R.T.: 4.239 min  
Delta R.T.: 0.000 min  
Response: 131997172  
Conc: 53.68 ng/ml



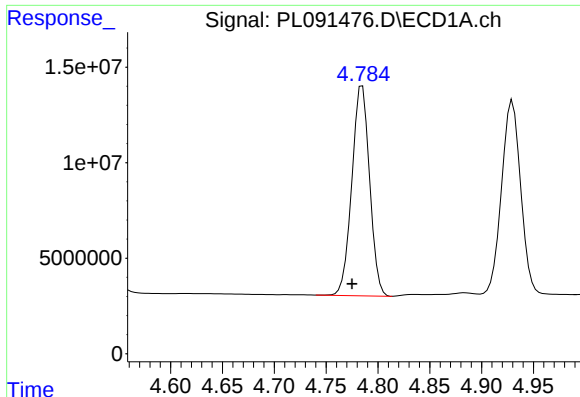
#6 beta-BHC

R.T.: 4.538 min  
Delta R.T.: 0.010 min  
Response: 64127592  
Conc: 47.42 ng/ml



#6 beta-BHC

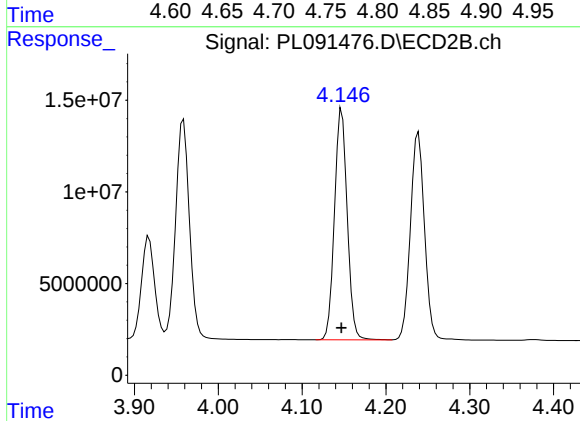
R.T.: 3.917 min  
Delta R.T.: 0.000 min  
Response: 60839390  
Conc: 51.69 ng/ml



#7 delta-BHC

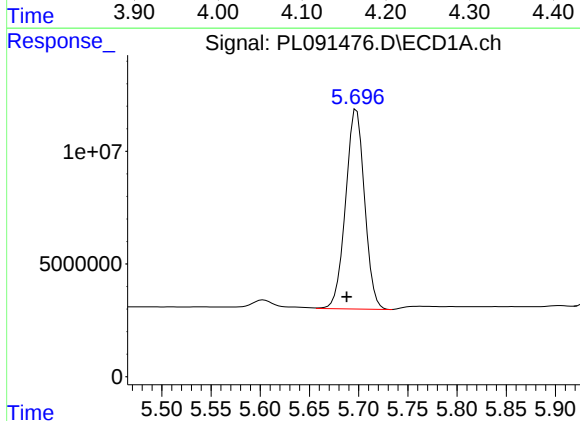
R.T.: 4.785 min  
Delta R.T.: 0.010 min  
Response: 130842919  
Conc: 48.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163087BS



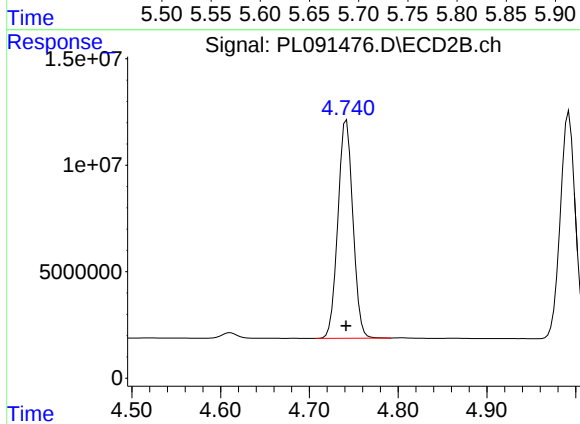
#7 delta-BHC

R.T.: 4.147 min  
Delta R.T.: 0.000 min  
Response: 133075360  
Conc: 52.51 ng/ml



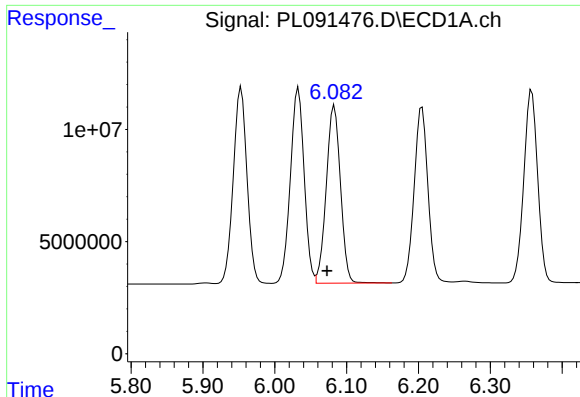
#8 Heptachlor epoxide

R.T.: 5.698 min  
Delta R.T.: 0.010 min  
Response: 118743855  
Conc: 48.54 ng/ml



#8 Heptachlor epoxide

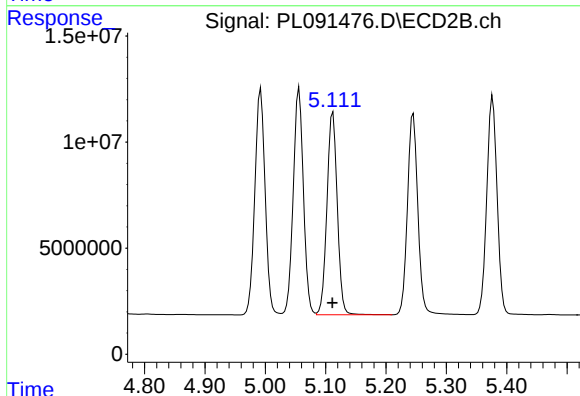
R.T.: 4.742 min  
Delta R.T.: 0.000 min  
Response: 120329011  
Conc: 53.36 ng/ml



#9 Endosulfan I

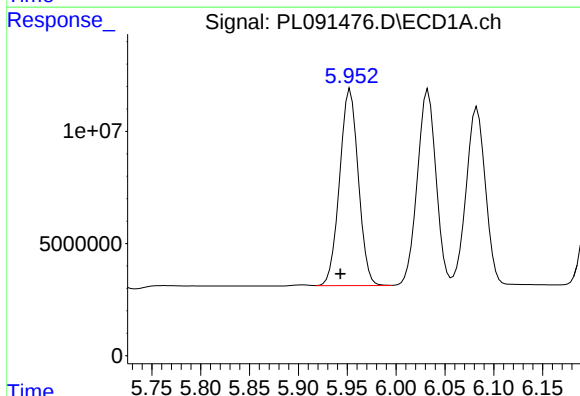
R.T.: 6.083 min  
Delta R.T.: 0.010 min  
Response: 108811884  
Conc: 48.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163087BS



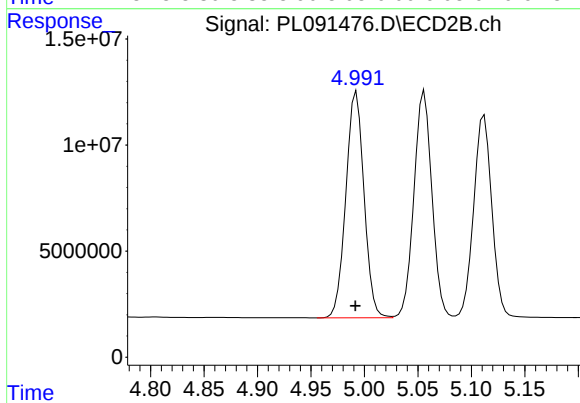
#9 Endosulfan I

R.T.: 5.112 min  
Delta R.T.: 0.000 min  
Response: 113512916  
Conc: 53.79 ng/ml



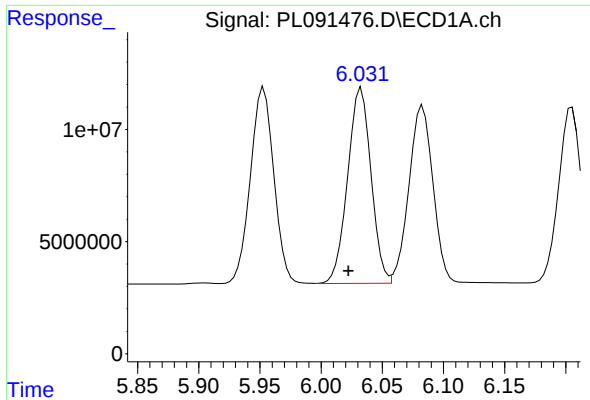
#10 gamma-Chlordane

R.T.: 5.953 min  
Delta R.T.: 0.010 min  
Response: 116757819  
Conc: 48.32 ng/ml



#10 gamma-Chlordane

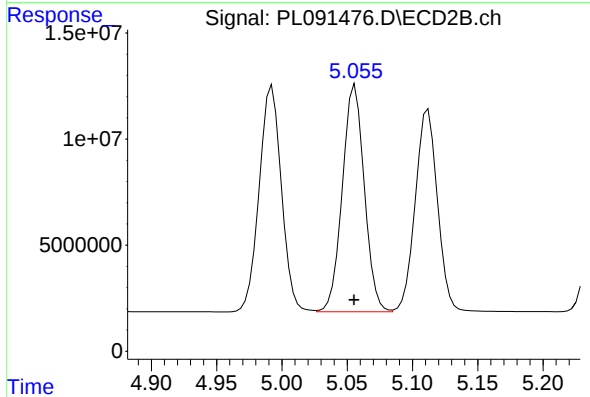
R.T.: 4.993 min  
Delta R.T.: 0.001 min  
Response: 126273558  
Conc: 53.42 ng/ml



#11 alpha-Chlordane

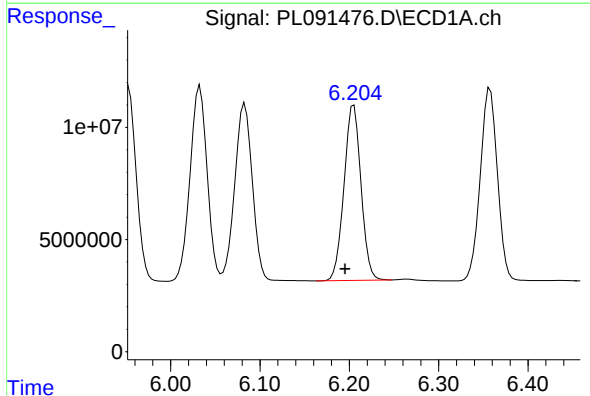
R.T.: 6.033 min  
Delta R.T.: 0.011 min  
Response: 115989759  
Conc: 48.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163087BS



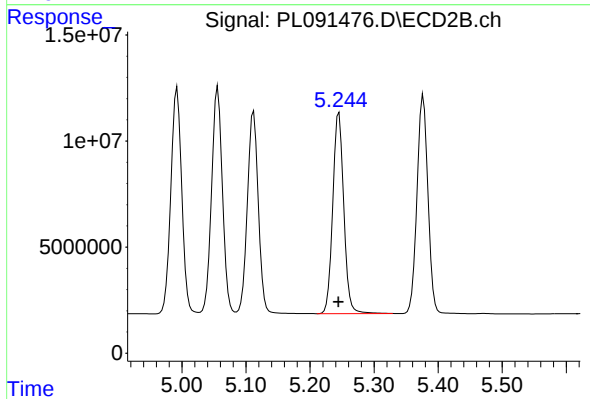
#11 alpha-Chlordane

R.T.: 5.056 min  
Delta R.T.: 0.000 min  
Response: 125445802  
Conc: 53.32 ng/ml



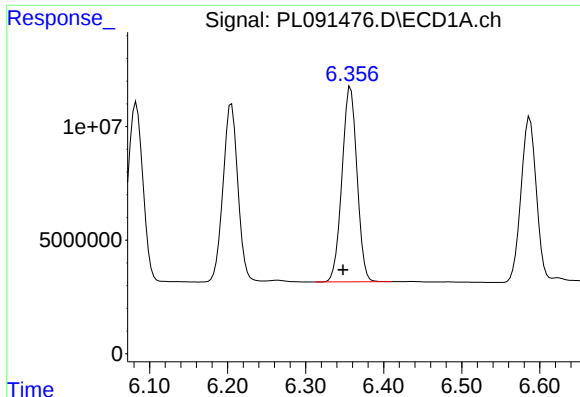
#12 4,4'-DDE

R.T.: 6.205 min  
Delta R.T.: 0.010 min  
Response: 103117690  
Conc: 49.29 ng/ml



#12 4,4'-DDE

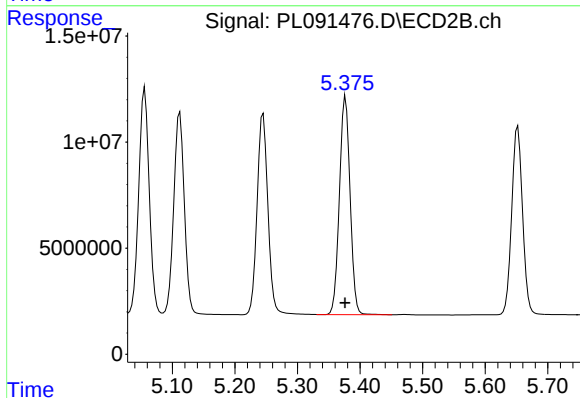
R.T.: 5.245 min  
Delta R.T.: 0.000 min  
Response: 113245519  
Conc: 54.20 ng/ml



#13 Dieldrin

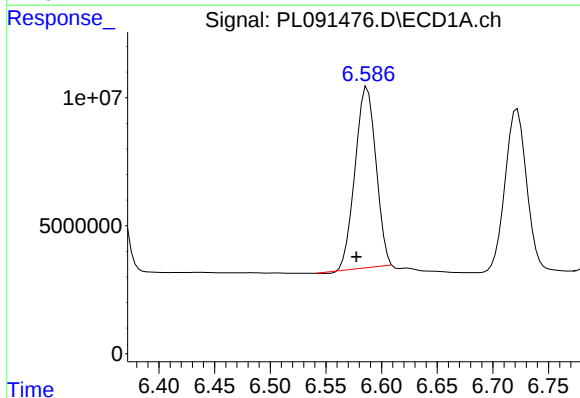
R.T.: 6.358 min  
Delta R.T.: 0.010 min  
Response: 114659505  
Conc: 48.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163087BS



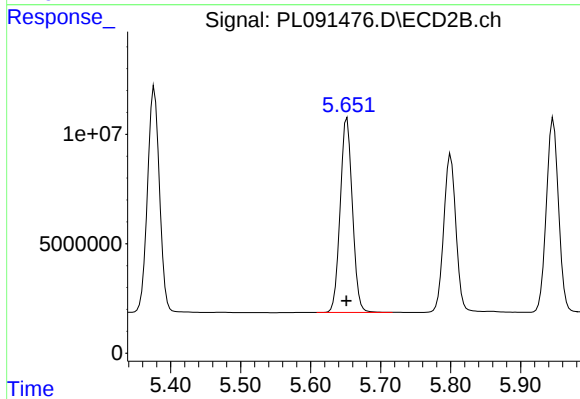
#13 Dieldrin

R.T.: 5.377 min  
Delta R.T.: 0.000 min  
Response: 122166523  
Conc: 53.64 ng/ml



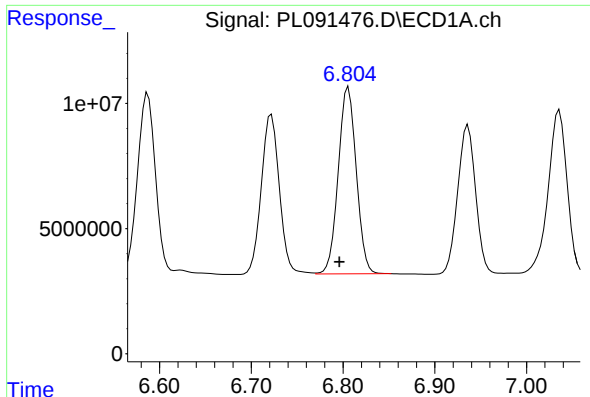
#14 Endrin

R.T.: 6.587 min  
Delta R.T.: 0.010 min  
Response: 92248780  
Conc: 47.57 ng/ml



#14 Endrin

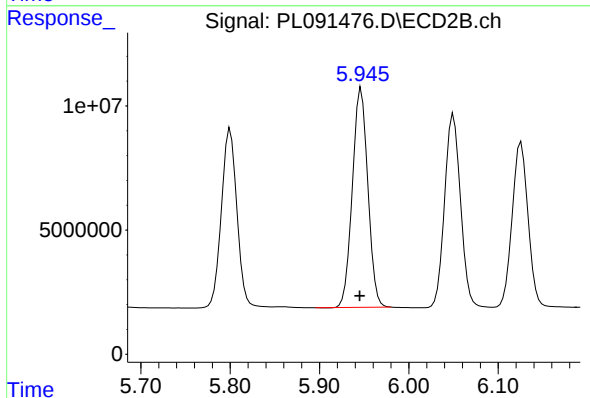
R.T.: 5.652 min  
Delta R.T.: 0.000 min  
Response: 107528117  
Conc: 52.78 ng/ml



#15 Endosulfan II

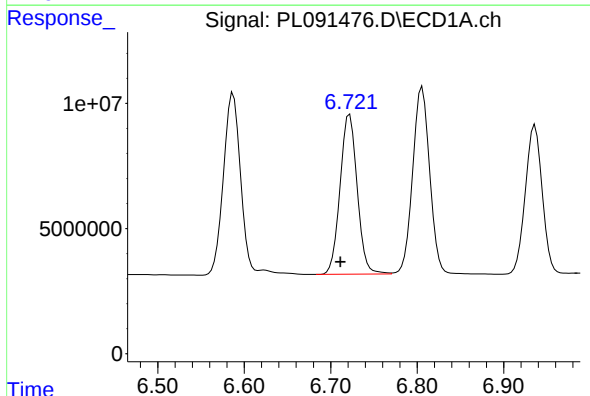
R.T.: 6.806 min  
Delta R.T.: 0.010 min  
Response: 101910709  
Conc: 50.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163087BS



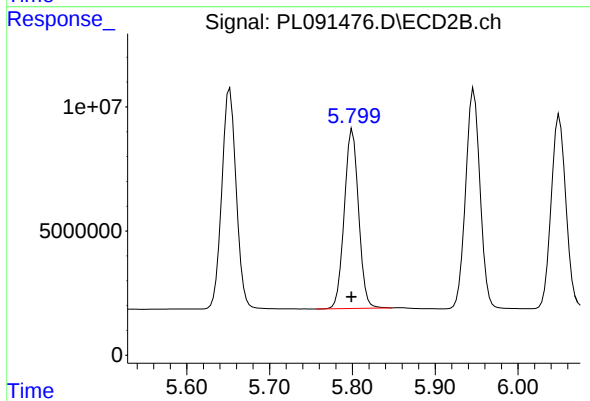
#15 Endosulfan II

R.T.: 5.947 min  
Delta R.T.: 0.002 min  
Response: 106468704  
Conc: 55.03 ng/ml



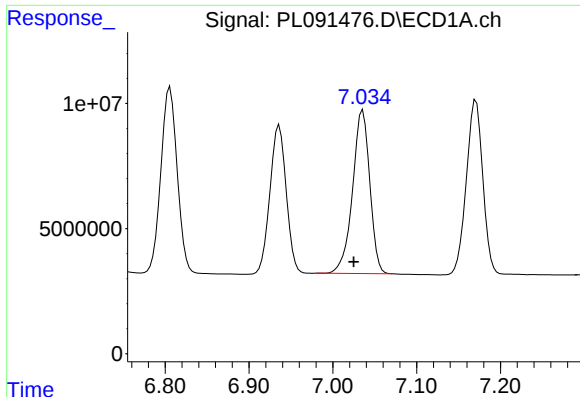
#16 4,4'-DDD

R.T.: 6.722 min  
Delta R.T.: 0.011 min  
Response: 87507156  
Conc: 57.90 ng/ml



#16 4,4'-DDD

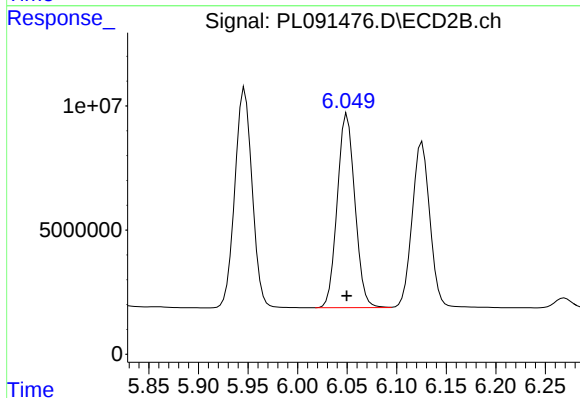
R.T.: 5.800 min  
Delta R.T.: 0.001 min  
Response: 86685542  
Conc: 52.51 ng/ml



#17 4,4'-DDT

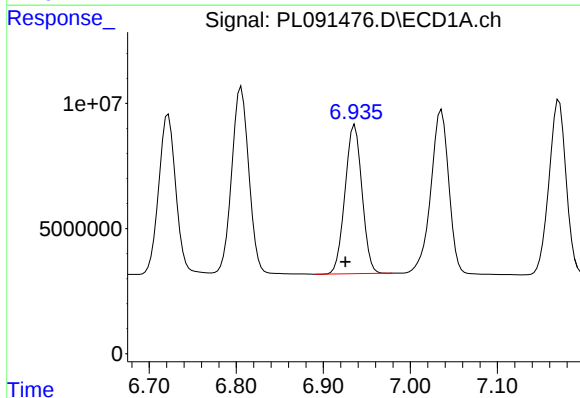
R.T.: 7.036 min  
Delta R.T.: 0.011 min  
Response: 93382268  
Conc: 52.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163087BS



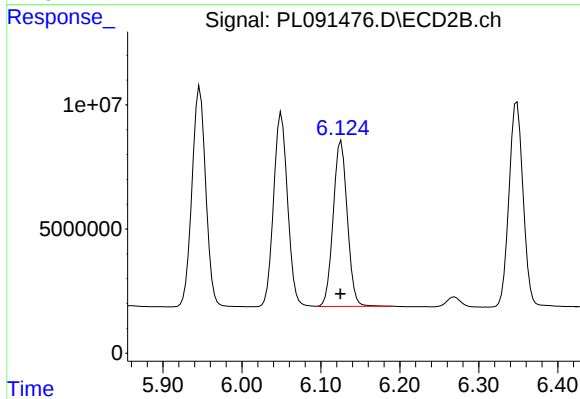
#17 4,4'-DDT

R.T.: 6.050 min  
Delta R.T.: 0.000 min  
Response: 96649905  
Conc: 54.41 ng/ml



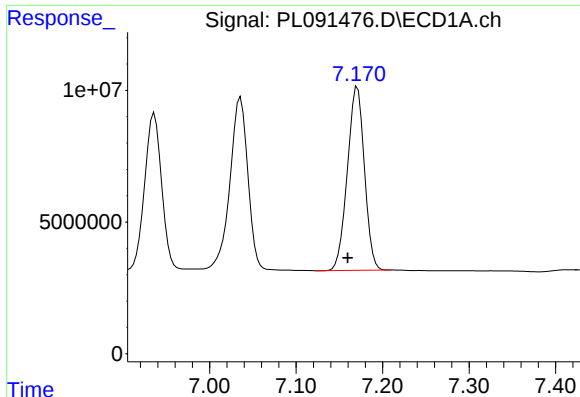
#18 Endrin aldehyde

R.T.: 6.936 min  
Delta R.T.: 0.011 min  
Response: 80456556  
Conc: 50.40 ng/ml



#18 Endrin aldehyde

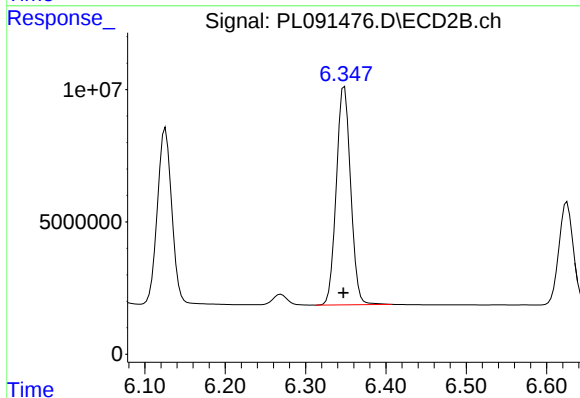
R.T.: 6.126 min  
Delta R.T.: 0.001 min  
Response: 82886441  
Conc: 53.21 ng/ml



#19 Endosulfan Sulfate

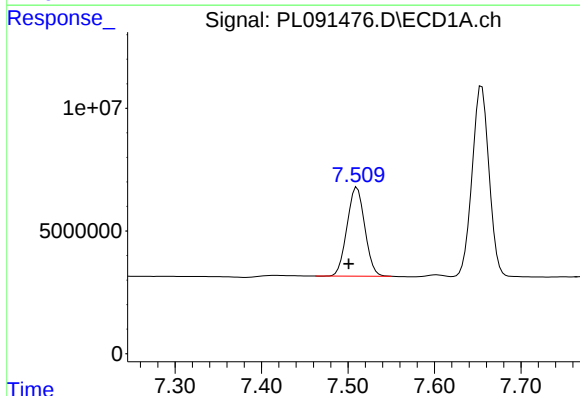
R.T.: 7.171 min  
Delta R.T.: 0.011 min  
Response: 95121134  
Conc: 49.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163087BS



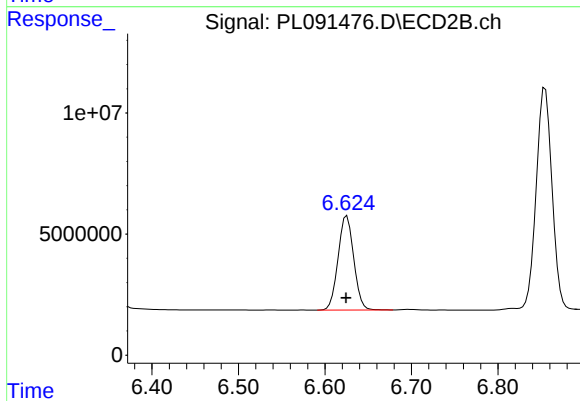
#19 Endosulfan Sulfate

R.T.: 6.348 min  
Delta R.T.: 0.001 min  
Response: 102316100  
Conc: 53.07 ng/ml



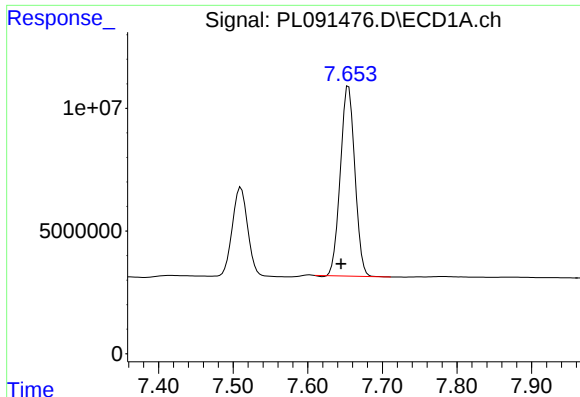
#20 Methoxychlor

R.T.: 7.510 min  
Delta R.T.: 0.010 min  
Response: 51548838  
Conc: 54.82 ng/ml



#20 Methoxychlor

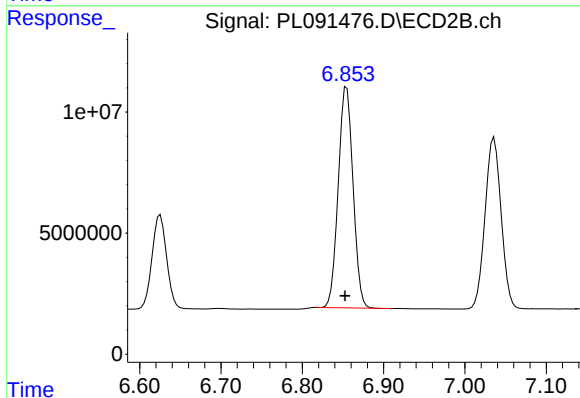
R.T.: 6.626 min  
Delta R.T.: 0.001 min  
Response: 48614653  
Conc: 48.96 ng/ml



#21 Endrin ketone

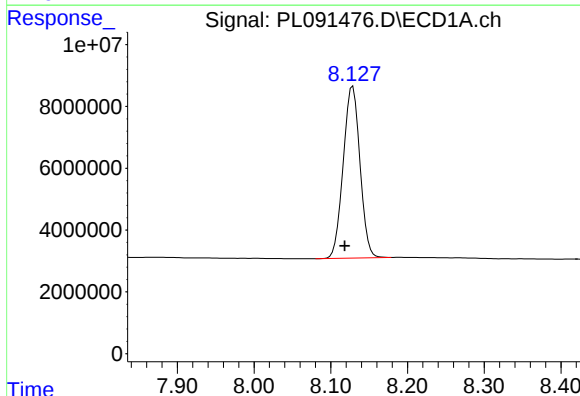
R.T.: 7.655 min  
Delta R.T.: 0.010 min  
Response: 104390778  
Conc: 49.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163087BS



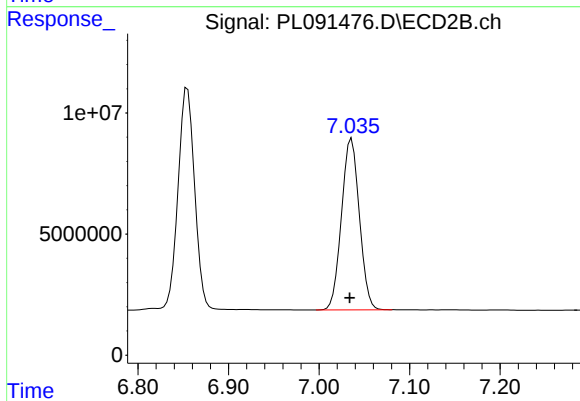
#21 Endrin ketone

R.T.: 6.855 min  
Delta R.T.: 0.002 min  
Response: 115242470  
Conc: 52.91 ng/ml



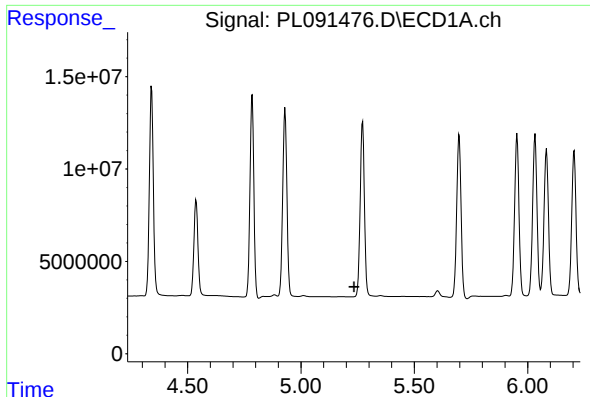
#22 Mirex

R.T.: 8.129 min  
Delta R.T.: 0.011 min  
Response: 84744322  
Conc: 49.82 ng/ml



#22 Mirex

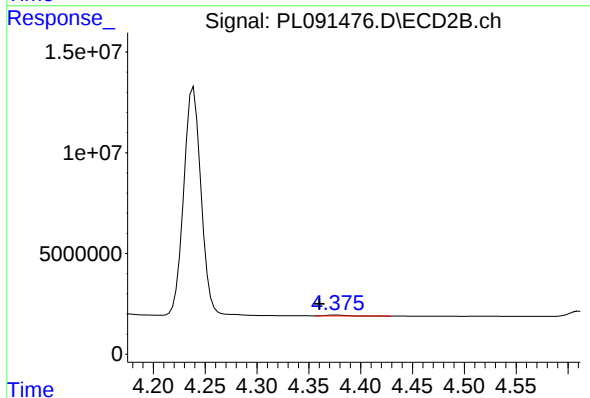
R.T.: 7.036 min  
Delta R.T.: 0.002 min  
Response: 96998467  
Conc: 51.97 ng/ml



#24 Chlordane-2

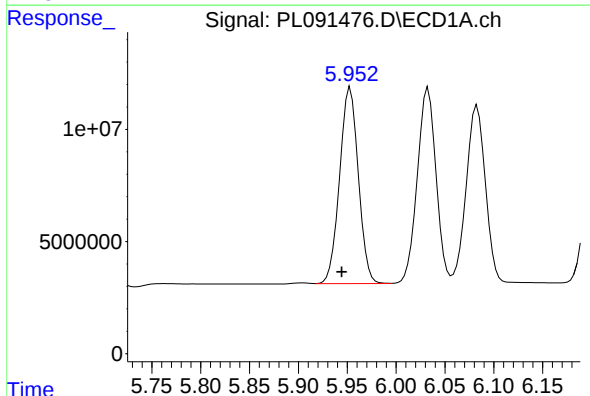
R.T.: 0.000 min  
Exp R.T.: 5.234 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB163087BS



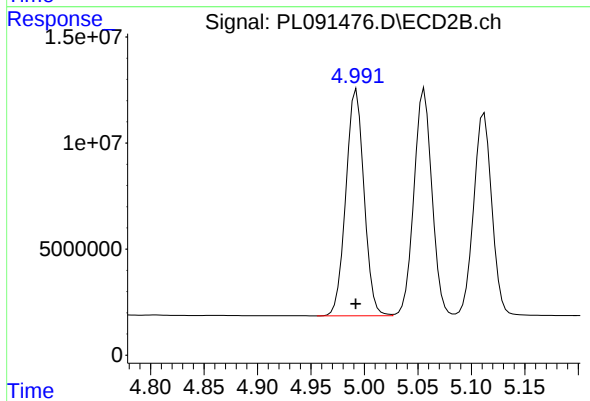
#24 Chlordane-2

R.T.: 4.377 min  
Delta R.T.: 0.016 min  
Response: 454744  
Conc: 4.84 ng/ml



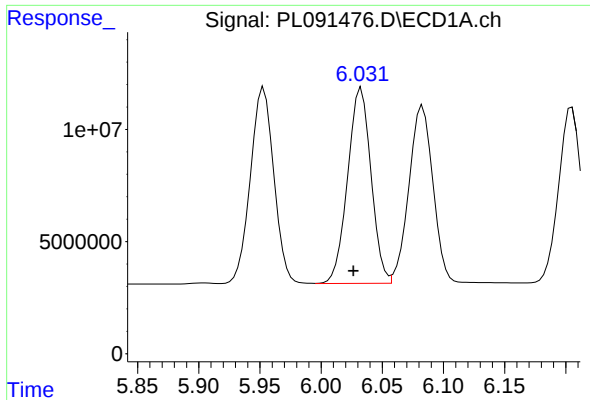
#25 Chlordane-3

R.T.: 5.953 min  
Delta R.T.: 0.009 min  
Response: 116757819  
Conc: 336.16 ng/ml



#25 Chlordane-3

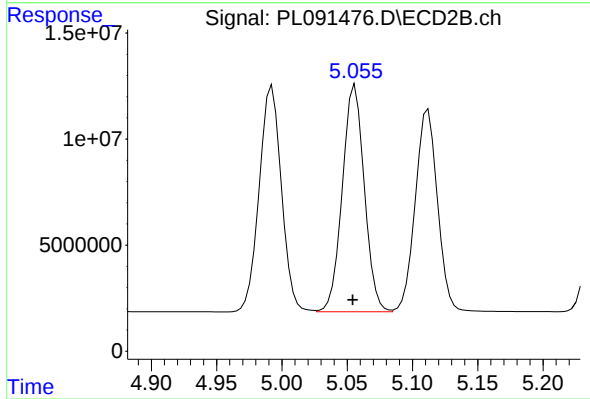
R.T.: 4.993 min  
Delta R.T.: 0.000 min  
Response: 126273558  
Conc: 520.00 ng/ml



#26 Chlordane-4

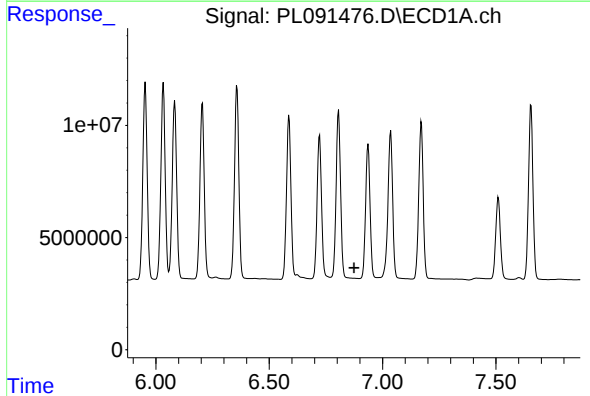
R.T.: 6.033 min  
Delta R.T.: 0.006 min  
Response: 115989759  
Conc: 275.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163087BS



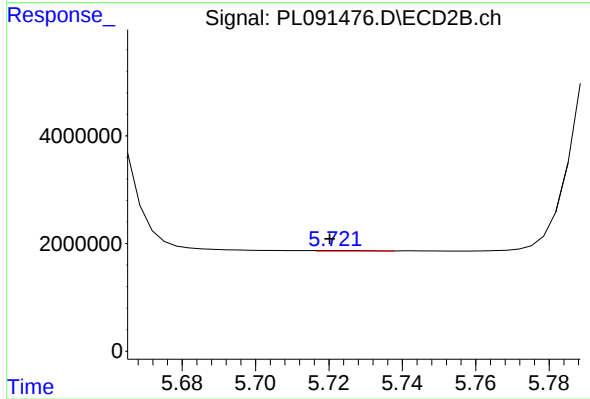
#26 Chlordane-4

R.T.: 5.056 min  
Delta R.T.: 0.002 min  
Response: 125445802  
Conc: 538.00 ng/ml



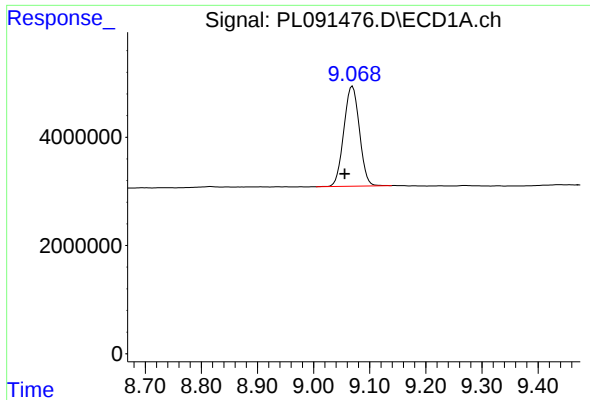
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.875 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

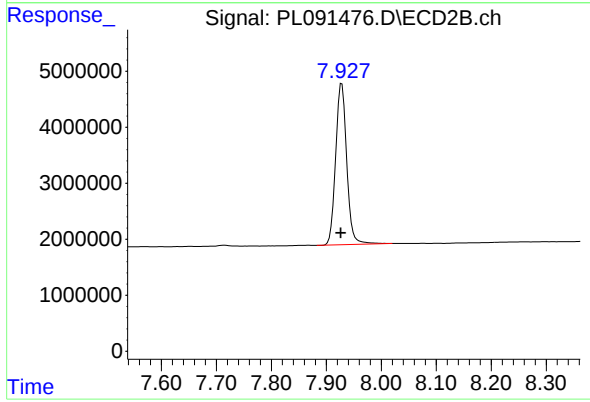
R.T.: 5.722 min  
Delta R.T.: 0.002 min  
Response: 90369  
Conc: 1.31 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.069 min  
Delta R.T.: 0.014 min  
Response: 35643854  
Conc: 23.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163087BS



#28 Decachlorobiphenyl

R.T.: 7.928 min  
Delta R.T.: 0.002 min  
Response: 40361840  
Conc: 21.31 ng/ml