

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081924\  
 Data File : PL091207.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Aug 2024 15:45  
 Operator : AR\AJ  
 Sample : PB162812BS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB162812BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 20 06:18:58 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... | 3.550 | 2.783 | 44422425 | 40717259 | 20.689  | 20.859    |
| 28)                         | SA Decachlor... | 9.068 | 7.929 | 36928264 | 42913825 | 24.223  | 22.656    |
| Target Compounds            |                 |       |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.006 | 3.287 | 154.0E6  | 153.0E6  | 51.380  | 55.155    |
| 3)                          | MA gamma-BHC... | 4.339 | 3.617 | 145.0E6  | 144.0E6  | 50.556  | 54.679    |
| 4)                          | MA Heptachlor   | 4.929 | 3.958 | 134.5E6  | 136.7E6  | 50.498  | 52.920    |
| 5)                          | MB Aldrin       | 5.270 | 4.238 | 131.4E6  | 135.1E6  | 50.902  | 54.936    |
| 6)                          | B beta-BHC      | 4.535 | 3.917 | 66387641 | 62877349 | 49.090  | 53.419    |
| 7)                          | B delta-BHC     | 4.783 | 4.146 | 139.9E6  | 140.0E6  | 51.398  | 55.251    |
| 8)                          | B Heptachlo...  | 5.696 | 4.741 | 124.0E6  | 123.4E6  | 50.677  | 54.748    |
| 9)                          | A Endosulfan I  | 6.082 | 5.112 | 115.0E6  | 117.1E6  | 51.232  | 55.505    |
| 10)                         | B gamma-Chl...  | 5.952 | 4.992 | 125.7E6  | 130.9E6  | 52.033  | 55.360    |
| 11)                         | B alpha-Chl...  | 6.031 | 5.056 | 123.4E6  | 128.8E6  | 51.235  | 54.743    |
| 12)                         | B 4,4'-DDE      | 6.204 | 5.245 | 111.3E6  | 118.9E6  | 53.198  | 56.886    |
| 13)                         | MA Dieldrin     | 6.356 | 5.377 | 122.3E6  | 127.7E6  | 51.908  | 56.074    |
| 14)                         | MA Endrin       | 6.586 | 5.652 | 95338533 | 107.5E6  | 49.163  | 52.779    |
| 15)                         | B Endosulfa...  | 6.805 | 5.947 | 107.8E6  | 111.7E6  | 53.289  | 57.743    |
| 16)                         | A 4,4'-DDD      | 6.721 | 5.800 | 97588429 | 102.2E6  | 64.569  | 61.898    |
| 17)                         | MA 4,4'-DDT     | 7.035 | 6.050 | 91846581 | 94566616 | 51.742  | 53.235    |
| 18)                         | B Endrin al...  | 6.935 | 6.125 | 85260681 | 88067728 | 53.408  | 56.537    |
| 19)                         | B Endosulfa...  | 7.170 | 6.348 | 101.1E6  | 108.0E6  | 52.709  | 56.003    |
| 20)                         | A Methoxychlor  | 7.510 | 6.626 | 49694042 | 49341035 | 52.851  | 49.690    |
| 21)                         | B Endrin ke...  | 7.654 | 6.854 | 111.7E6  | 126.7E6  | 53.197  | 58.160    |
| 22)                         | Mirex           | 8.128 | 7.036 | 86486220 | 100.2E6  | 50.840  | 53.659    |
| 23)                         | Chlordane-1     | 0.000 | 3.796 | 0        | 22852    | N.D.    | 0.313 #   |
| 24)                         | Chlordane-2     | 0.000 | 4.376 | 0        | 533181   | N.D.    | 5.675 #   |
| 25)                         | Chlordane-3     | 5.952 | 4.992 | 125.7E6  | 130.9E6  | 362.008 | 538.917 # |
| 26)                         | Chlordane-4     | 6.031 | 5.056 | 123.4E6  | 128.8E6  | 293.288 | 552.328 # |
| 27)                         | Chlordane-5     | 0.000 | 5.720 | 0        | 288031   | N.D.    | 4.160 #   |
| -----                       |                 |       |       |          |          |         |           |

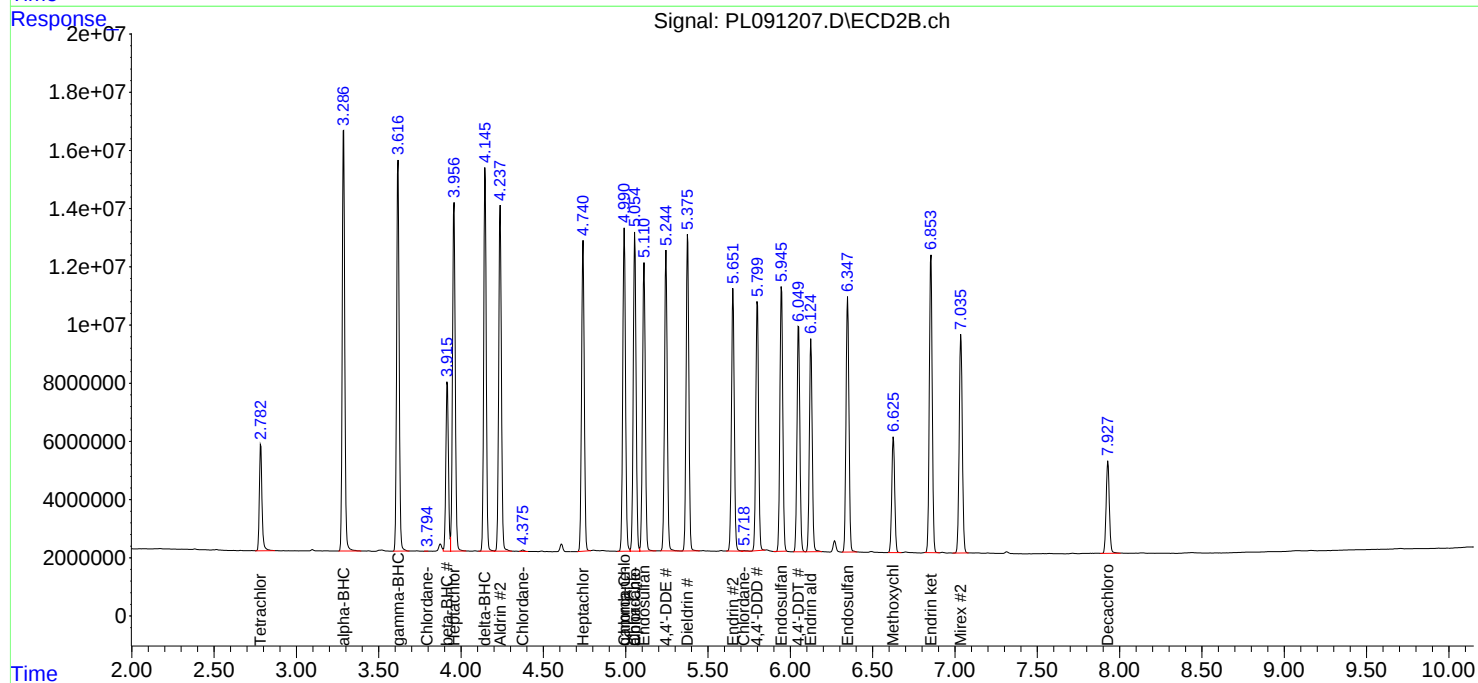
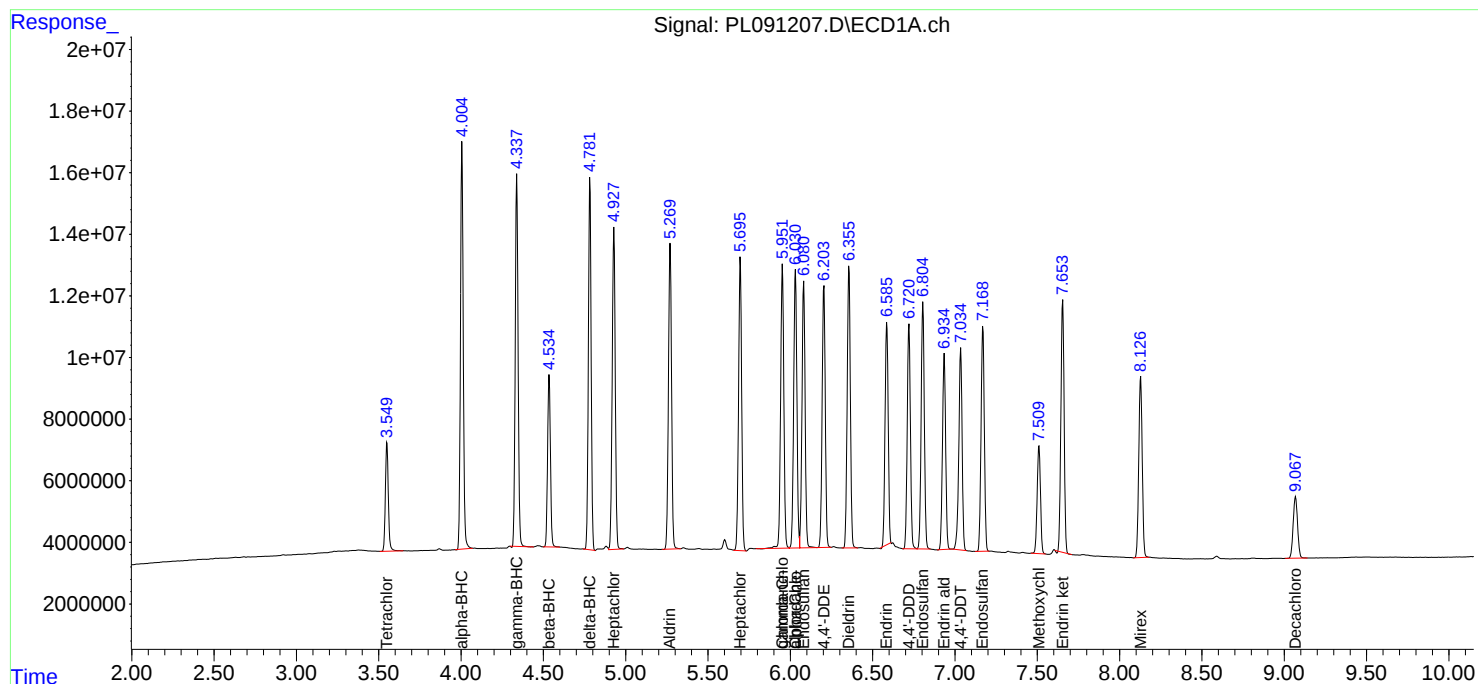
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

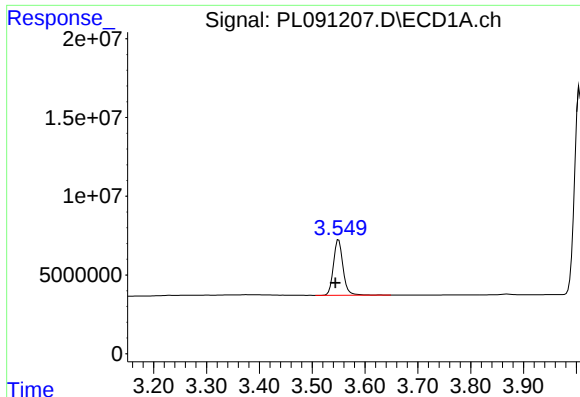
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081924\  
Data File : PL091207.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Aug 2024 15:45  
Operator : AR\AJ  
Sample : PB162812BS  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB162812BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 20 06:18:58 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

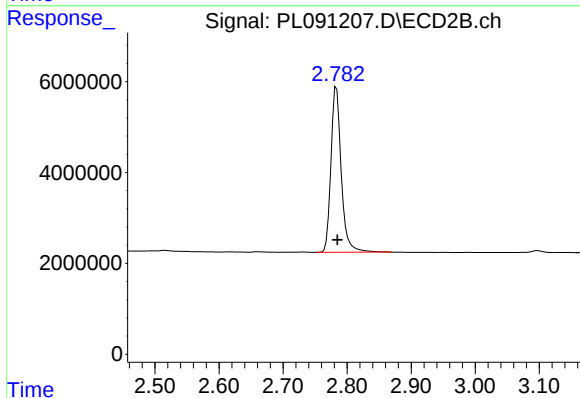




#1 Tetrachloro-m-xylene

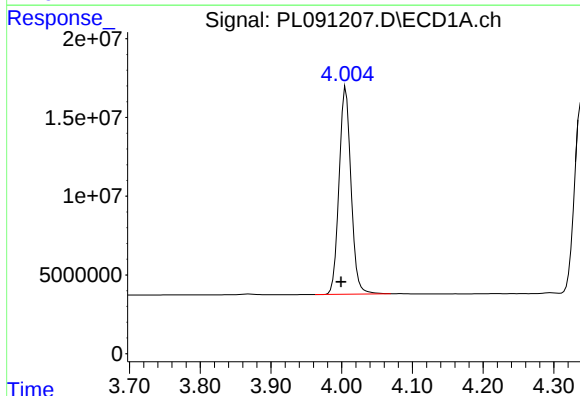
R.T.: 3.550 min  
Delta R.T.: 0.006 min  
Response: 44422425  
Conc: 20.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162812BS



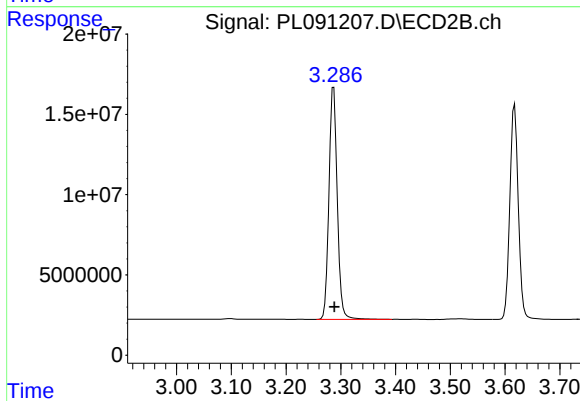
#1 Tetrachloro-m-xylene

R.T.: 2.783 min  
Delta R.T.: -0.002 min  
Response: 40717259  
Conc: 20.86 ng/ml



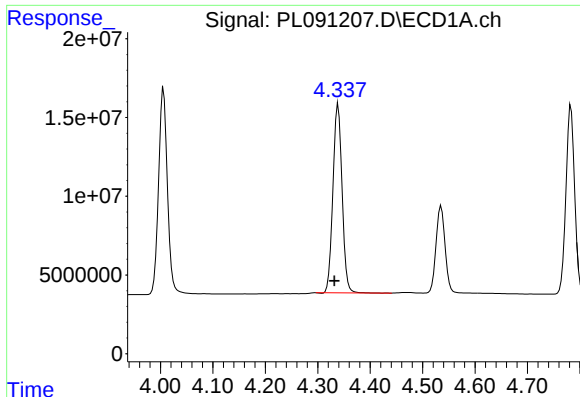
#2 alpha-BHC

R.T.: 4.006 min  
Delta R.T.: 0.007 min  
Response: 154028838  
Conc: 51.38 ng/ml



#2 alpha-BHC

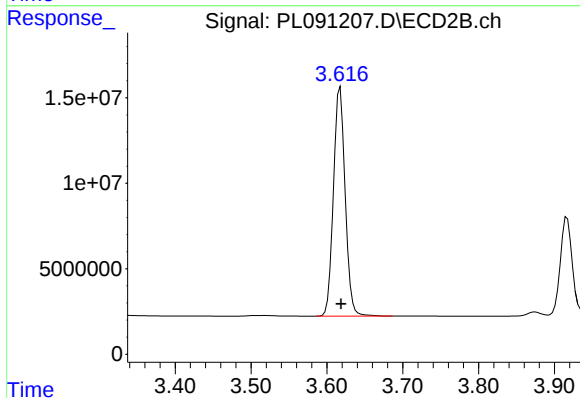
R.T.: 3.287 min  
Delta R.T.: -0.002 min  
Response: 152970579  
Conc: 55.16 ng/ml



#3 gamma-BHC (Lindane)

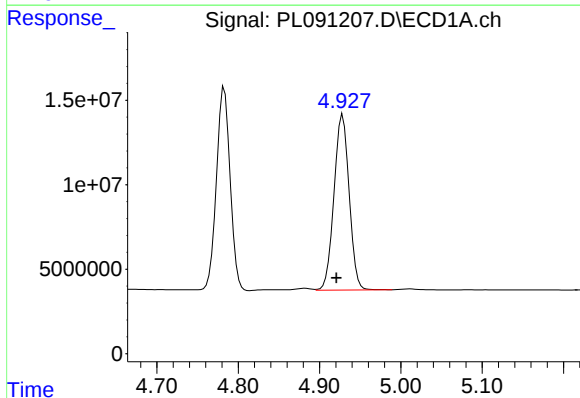
R.T.: 4.339 min  
Delta R.T.: 0.007 min  
Response: 145027143  
Conc: 50.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162812BS



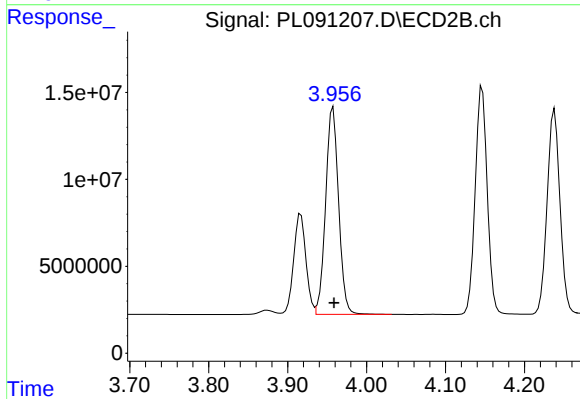
#3 gamma-BHC (Lindane)

R.T.: 3.617 min  
Delta R.T.: 0.000 min  
Response: 144020101  
Conc: 54.68 ng/ml



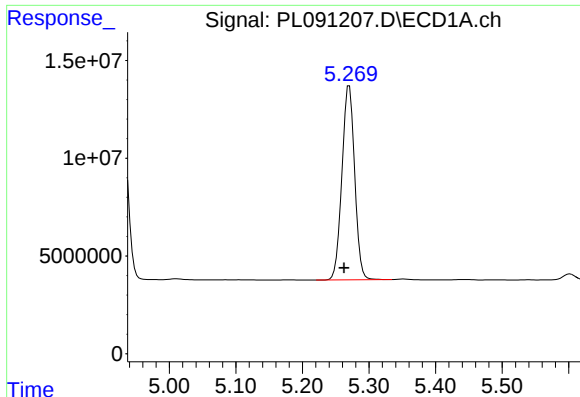
#4 Heptachlor

R.T.: 4.929 min  
Delta R.T.: 0.008 min  
Response: 134477609  
Conc: 50.50 ng/ml



#4 Heptachlor

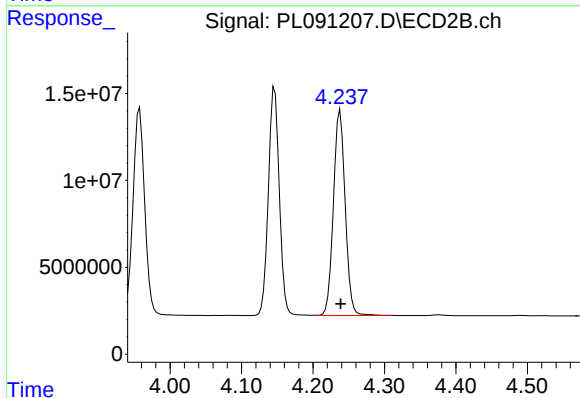
R.T.: 3.958 min  
Delta R.T.: -0.001 min  
Response: 136676328  
Conc: 52.92 ng/ml



#5 Aldrin

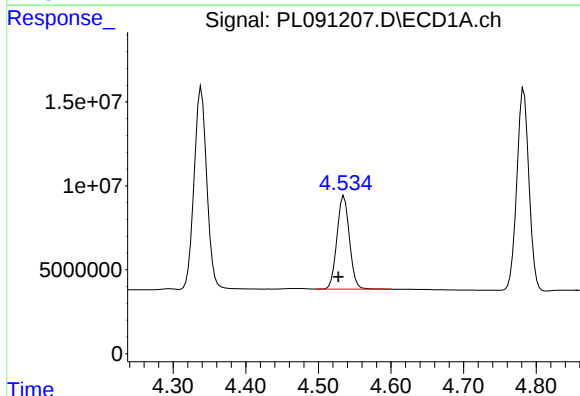
R.T.: 5.270 min  
Delta R.T.: 0.008 min  
Response: 131370893  
Conc: 50.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162812BS



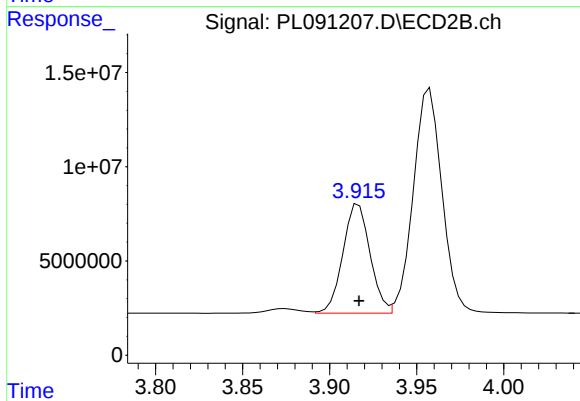
#5 Aldrin

R.T.: 4.238 min  
Delta R.T.: 0.000 min  
Response: 135096005  
Conc: 54.94 ng/ml



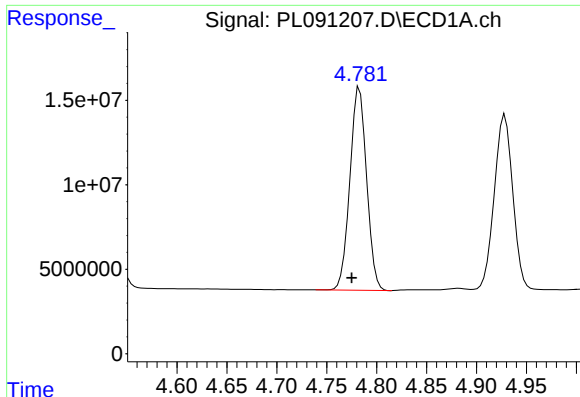
#6 beta-BHC

R.T.: 4.535 min  
Delta R.T.: 0.008 min  
Response: 66387641  
Conc: 49.09 ng/ml



#6 beta-BHC

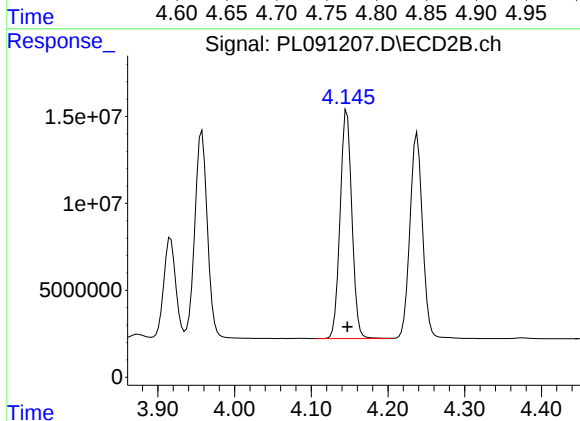
R.T.: 3.917 min  
Delta R.T.: 0.000 min  
Response: 62877349  
Conc: 53.42 ng/ml



#7 delta-BHC

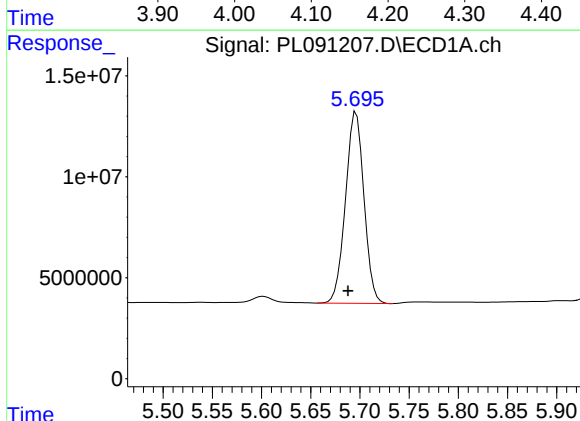
R.T.: 4.783 min  
Delta R.T.: 0.008 min  
Response: 139930992  
Conc: 51.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162812BS



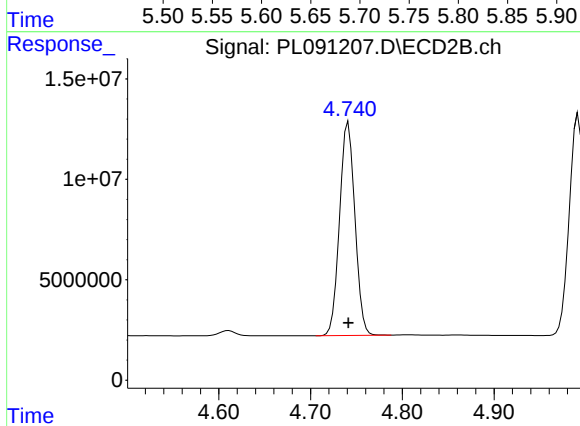
#7 delta-BHC

R.T.: 4.146 min  
Delta R.T.: 0.000 min  
Response: 140018496  
Conc: 55.25 ng/ml



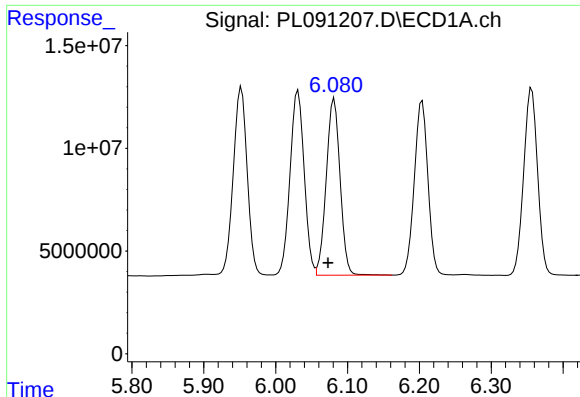
#8 Heptachlor epoxide

R.T.: 5.696 min  
Delta R.T.: 0.008 min  
Response: 123984251  
Conc: 50.68 ng/ml



#8 Heptachlor epoxide

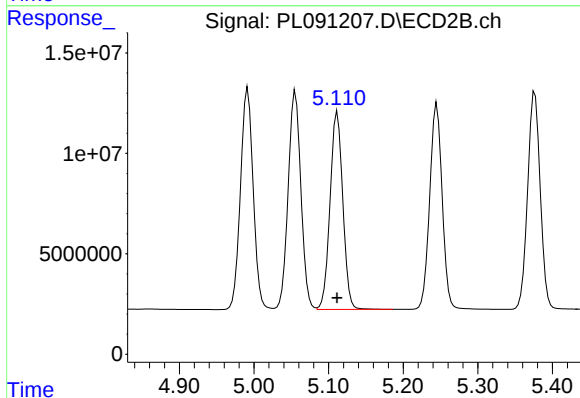
R.T.: 4.741 min  
Delta R.T.: 0.000 min  
Response: 123447926  
Conc: 54.75 ng/ml



#9 Endosulfan I

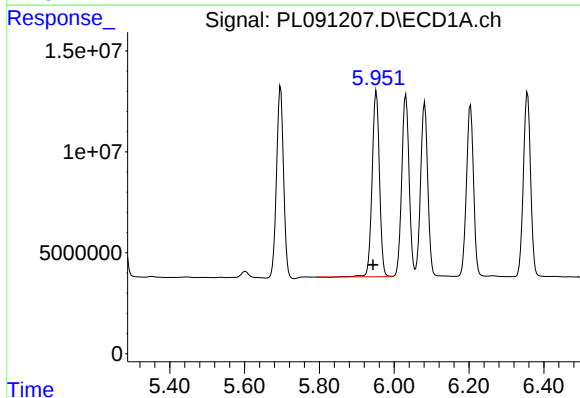
R.T.: 6.082 min  
Delta R.T.: 0.009 min  
Response: 115032185  
Conc: 51.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162812BS



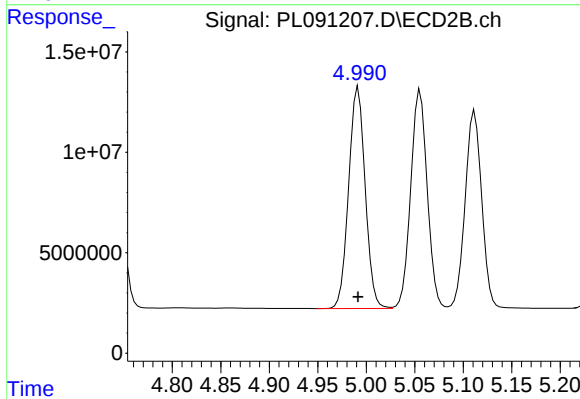
#9 Endosulfan I

R.T.: 5.112 min  
Delta R.T.: 0.000 min  
Response: 117124783  
Conc: 55.50 ng/ml



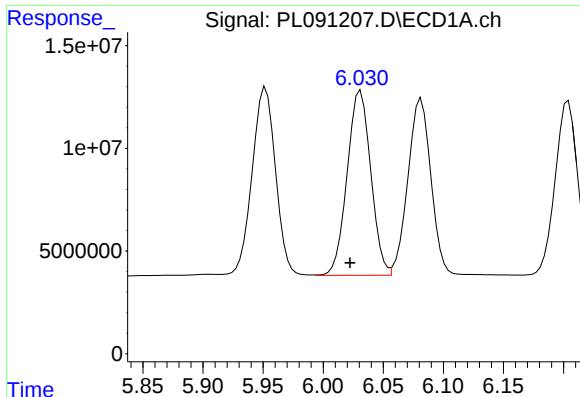
#10 gamma-Chlordane

R.T.: 5.952 min  
Delta R.T.: 0.009 min  
Response: 125734540  
Conc: 52.03 ng/ml



#10 gamma-Chlordane

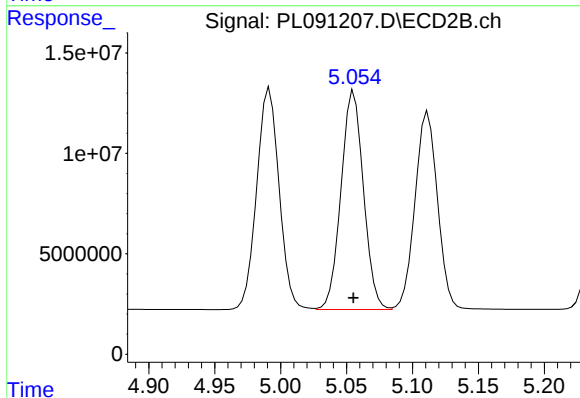
R.T.: 4.992 min  
Delta R.T.: 0.000 min  
Response: 130868136  
Conc: 55.36 ng/ml



#11 alpha-Chlordane

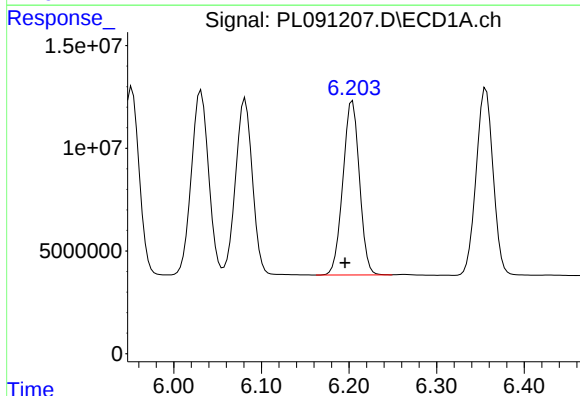
R.T.: 6.031 min  
Delta R.T.: 0.009 min  
Response: 123360498  
Conc: 51.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162812BS



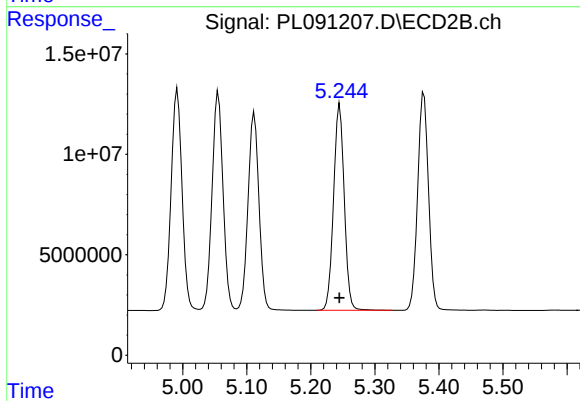
#11 alpha-Chlordane

R.T.: 5.056 min  
Delta R.T.: 0.000 min  
Response: 128785588  
Conc: 54.74 ng/ml



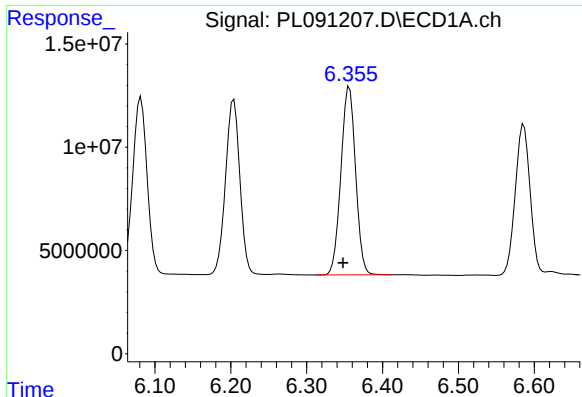
#12 4,4'-DDE

R.T.: 6.204 min  
Delta R.T.: 0.009 min  
Response: 111294696  
Conc: 53.20 ng/ml



#12 4,4'-DDE

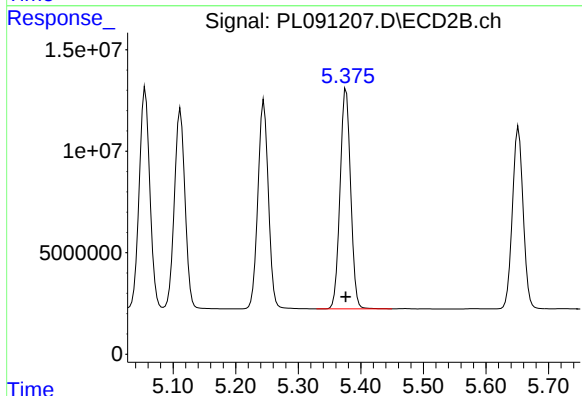
R.T.: 5.245 min  
Delta R.T.: 0.000 min  
Response: 118857956  
Conc: 56.89 ng/ml



#13 Dieldrin

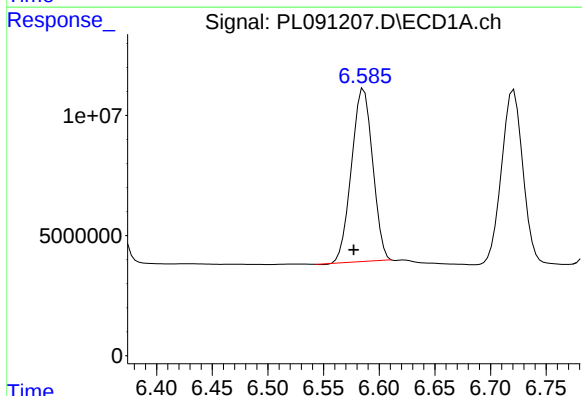
R.T.: 6.356 min  
Delta R.T.: 0.008 min  
Response: 122255196  
Conc: 51.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162812BS



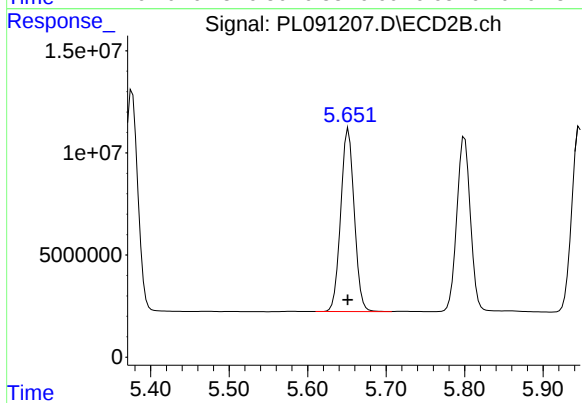
#13 Dieldrin

R.T.: 5.377 min  
Delta R.T.: 0.000 min  
Response: 127710461  
Conc: 56.07 ng/ml



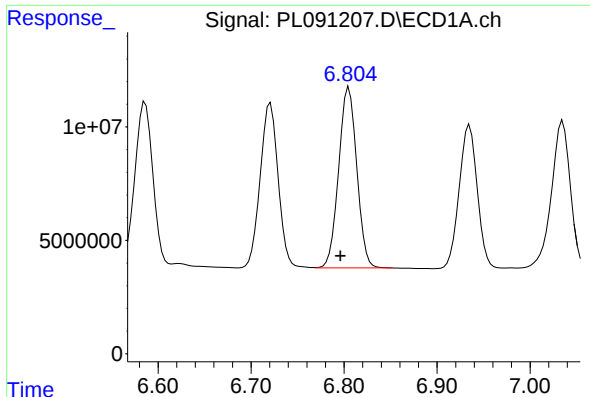
#14 Endrin

R.T.: 6.586 min  
Delta R.T.: 0.009 min  
Response: 95338533  
Conc: 49.16 ng/ml



#14 Endrin

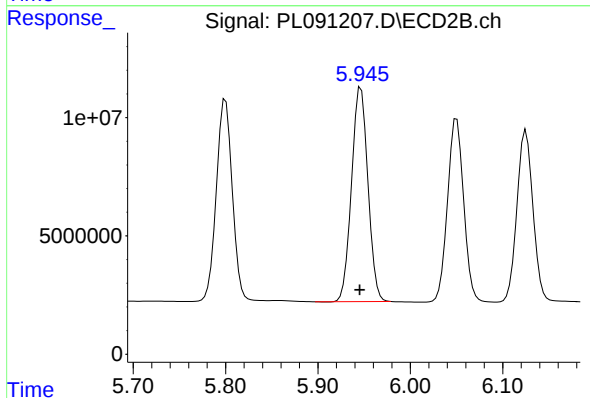
R.T.: 5.652 min  
Delta R.T.: 0.000 min  
Response: 107518624  
Conc: 52.78 ng/ml



#15 Endosulfan II

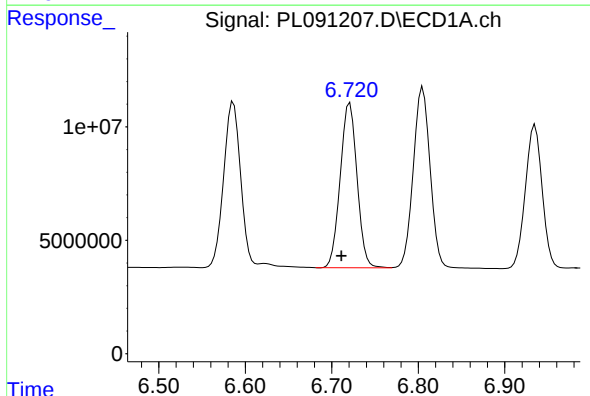
R.T.: 6.805 min  
Delta R.T.: 0.009 min  
Response: 107839328  
Conc: 53.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162812BS



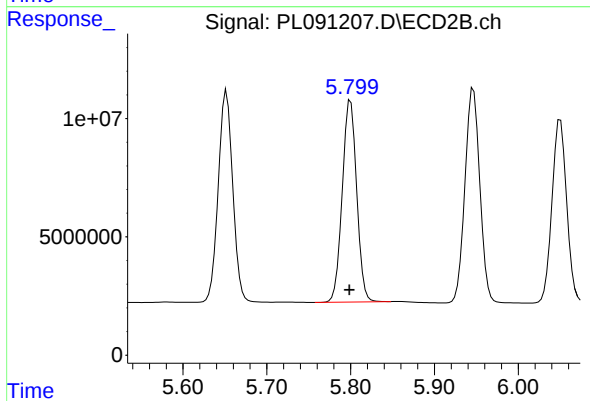
#15 Endosulfan II

R.T.: 5.947 min  
Delta R.T.: 0.002 min  
Response: 111714892  
Conc: 57.74 ng/ml



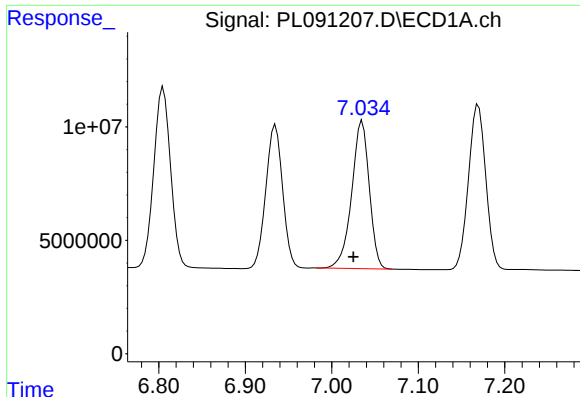
#16 4,4'-DDD

R.T.: 6.721 min  
Delta R.T.: 0.010 min  
Response: 97588429  
Conc: 64.57 ng/ml



#16 4,4'-DDD

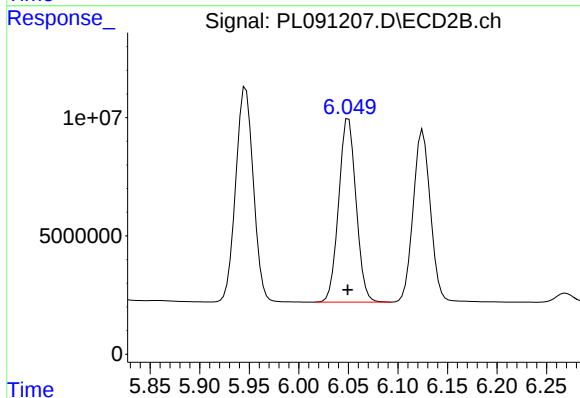
R.T.: 5.800 min  
Delta R.T.: 0.001 min  
Response: 102181225  
Conc: 61.90 ng/ml



#17 4,4'-DDT

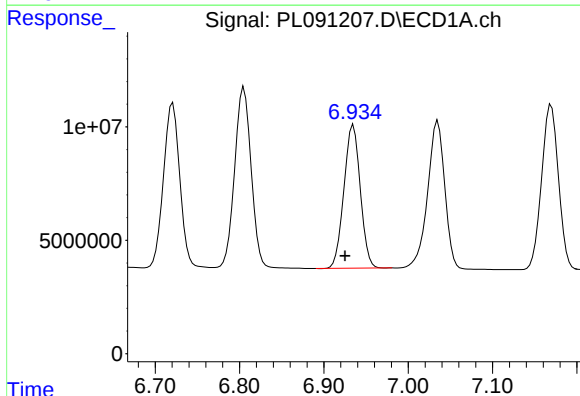
R.T.: 7.035 min  
Delta R.T.: 0.010 min  
Response: 91846581  
Conc: 51.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162812BS



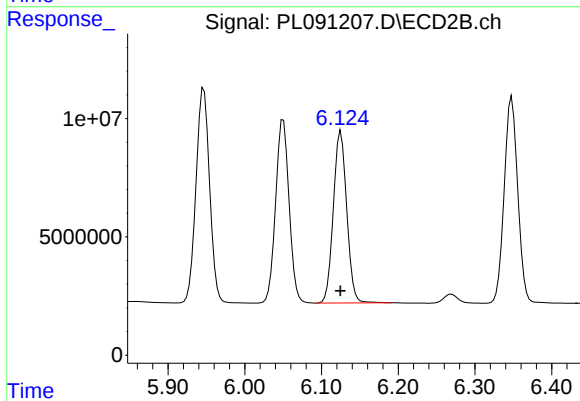
#17 4,4'-DDT

R.T.: 6.050 min  
Delta R.T.: 0.000 min  
Response: 94566616  
Conc: 53.23 ng/ml



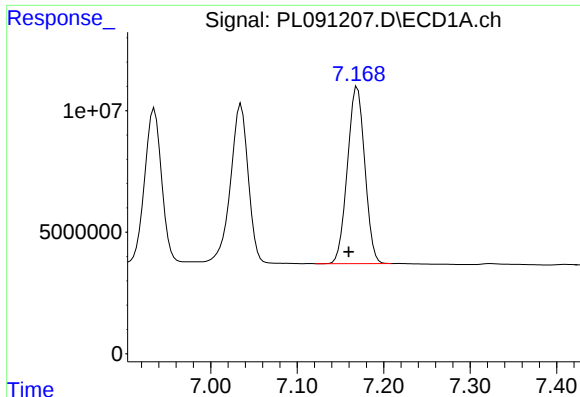
#18 Endrin aldehyde

R.T.: 6.935 min  
Delta R.T.: 0.010 min  
Response: 85260681  
Conc: 53.41 ng/ml



#18 Endrin aldehyde

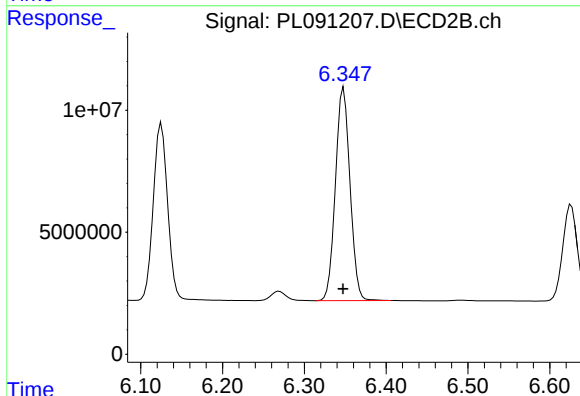
R.T.: 6.125 min  
Delta R.T.: 0.000 min  
Response: 88067728  
Conc: 56.54 ng/ml



#19 Endosulfan Sulfate

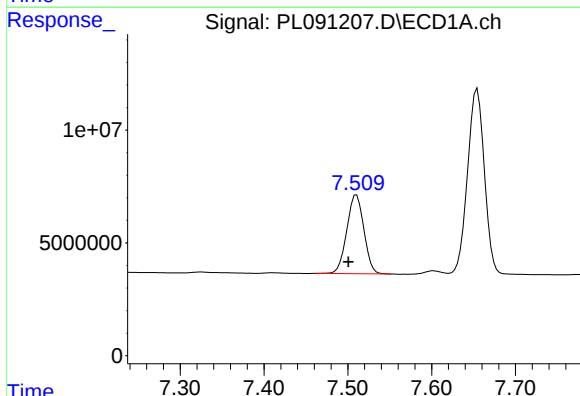
R.T.: 7.170 min  
Delta R.T.: 0.010 min  
Response: 101129600  
Conc: 52.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162812BS



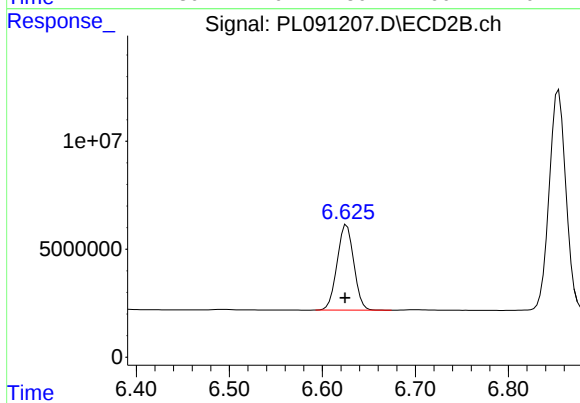
#19 Endosulfan Sulfate

R.T.: 6.348 min  
Delta R.T.: 0.000 min  
Response: 107974388  
Conc: 56.00 ng/ml



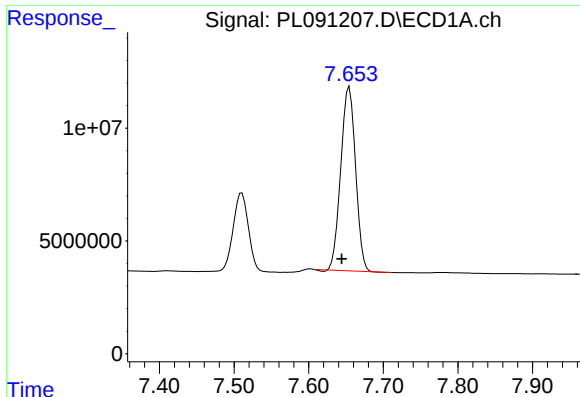
#20 Methoxychlor

R.T.: 7.510 min  
Delta R.T.: 0.010 min  
Response: 49694042  
Conc: 52.85 ng/ml



#20 Methoxychlor

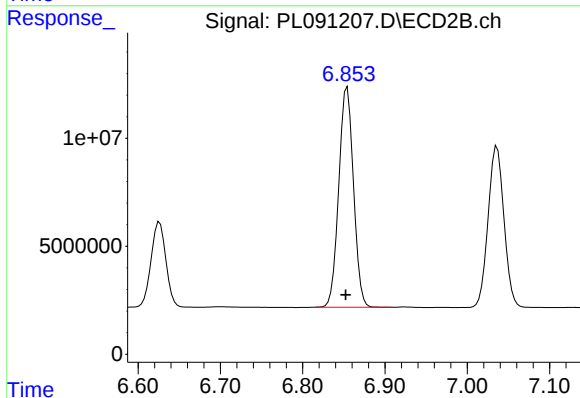
R.T.: 6.626 min  
Delta R.T.: 0.002 min  
Response: 49341035  
Conc: 49.69 ng/ml



#21 Endrin ketone

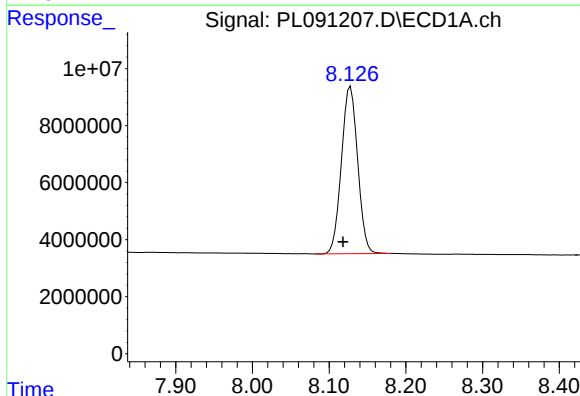
R.T.: 7.654 min  
Delta R.T.: 0.010 min  
Response: 111698793  
Conc: 53.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162812BS



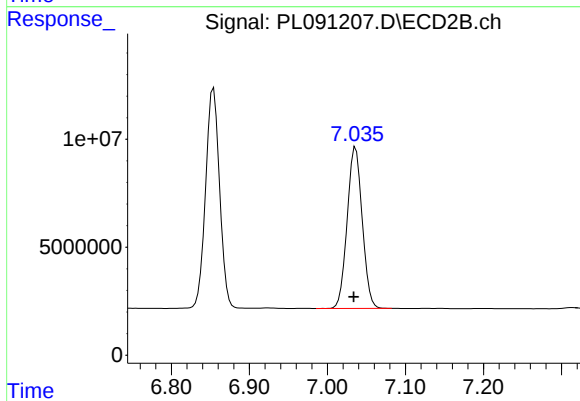
#21 Endrin ketone

R.T.: 6.854 min  
Delta R.T.: 0.002 min  
Response: 126671489  
Conc: 58.16 ng/ml



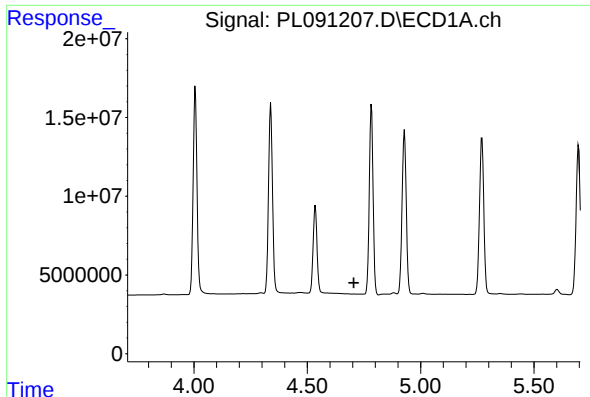
#22 Mirex

R.T.: 8.128 min  
Delta R.T.: 0.010 min  
Response: 86486220  
Conc: 50.84 ng/ml



#22 Mirex

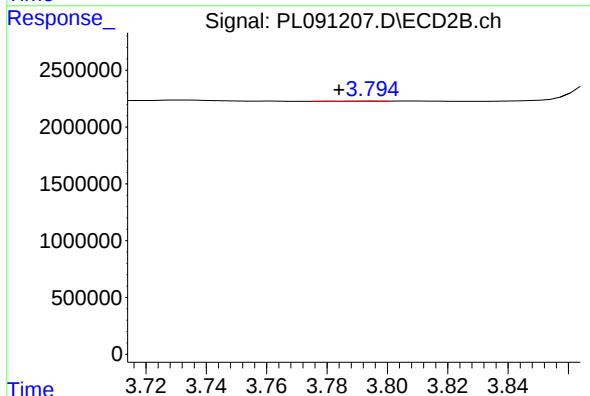
R.T.: 7.036 min  
Delta R.T.: 0.002 min  
Response: 100150127  
Conc: 53.66 ng/ml



#23 Chlordane-1

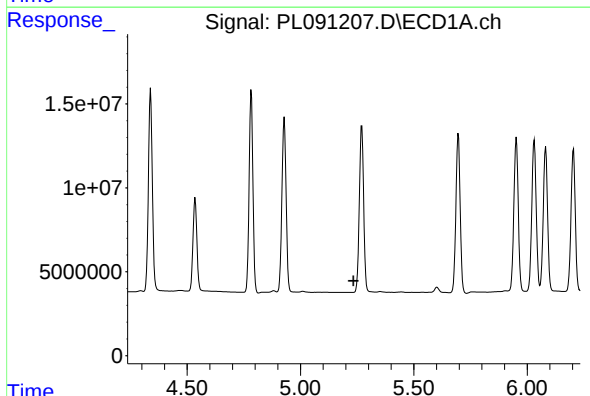
R.T.: 0.000 min  
Exp R.T.: 4.706 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB162812BS



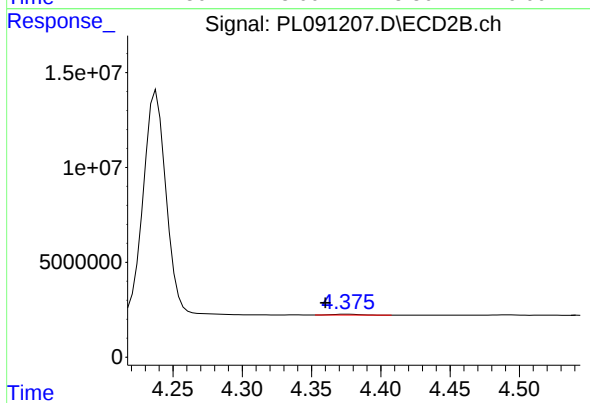
#23 Chlordane-1

R.T.: 3.796 min  
Delta R.T.: 0.012 min  
Response: 22852  
Conc: 0.31 ng/ml



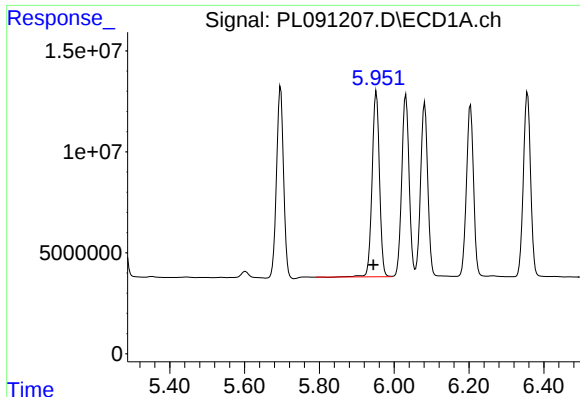
#24 Chlordane-2

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



#24 Chlordane-2

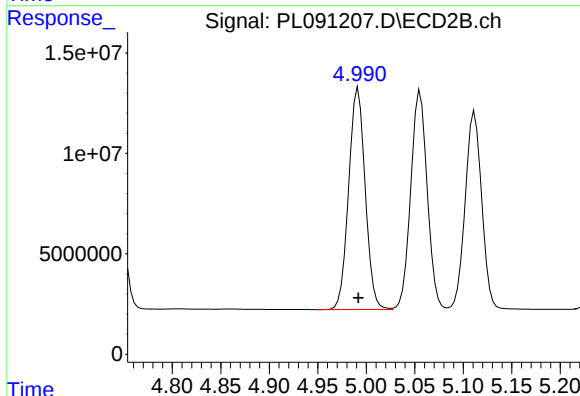
R.T.: 4.376 min  
Delta R.T.: 0.016 min  
Response: 533181  
Conc: 5.67 ng/ml



#25 Chlordane-3

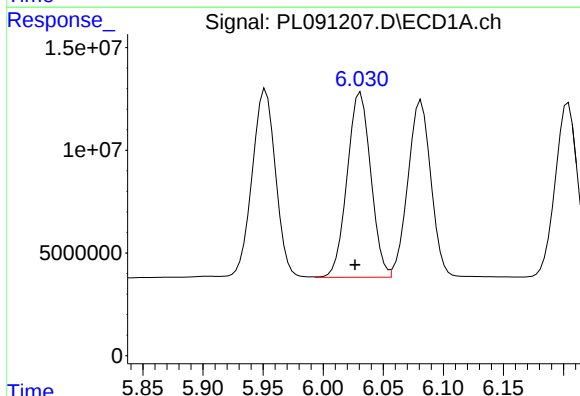
R.T.: 5.952 min  
Delta R.T.: 0.008 min  
Response: 125734540  
Conc: 362.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162812BS



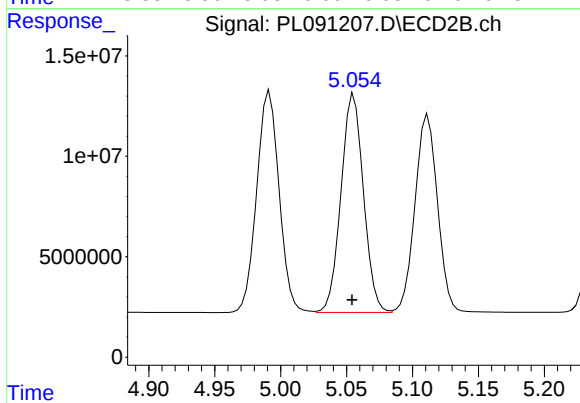
#25 Chlordane-3

R.T.: 4.992 min  
Delta R.T.: 0.000 min  
Response: 130868136  
Conc: 538.92 ng/ml



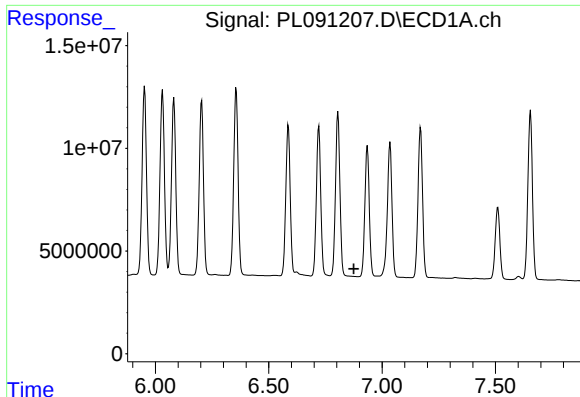
#26 Chlordane-4

R.T.: 6.031 min  
Delta R.T.: 0.005 min  
Response: 123360498  
Conc: 293.29 ng/ml



#26 Chlordane-4

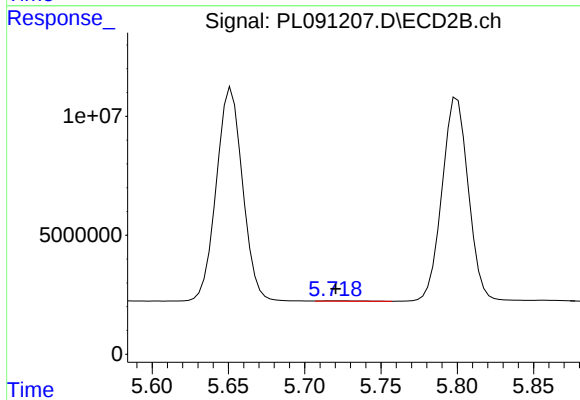
R.T.: 5.056 min  
Delta R.T.: 0.002 min  
Response: 128785588  
Conc: 552.33 ng/ml



#27 Chlordane-5

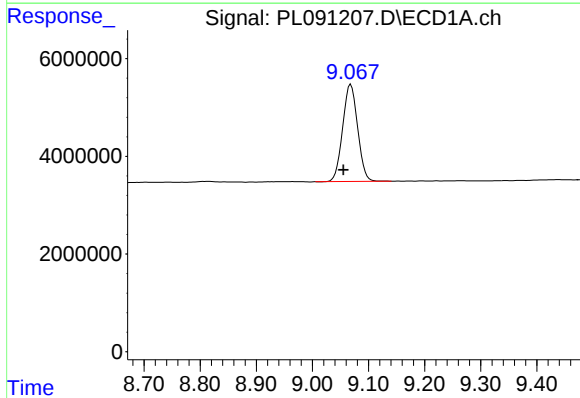
R.T.: 0.000 min  
Exp R.T.: 6.875 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB162812BS



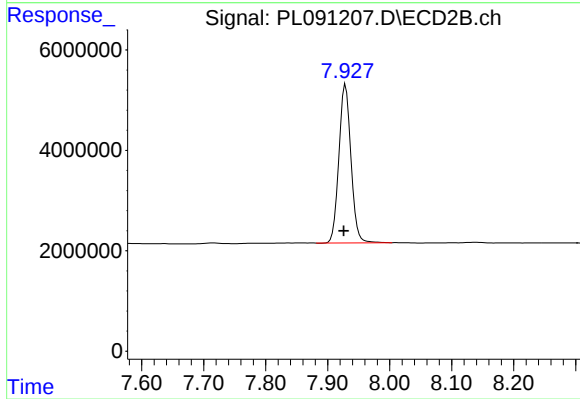
#27 Chlordane-5

R.T.: 5.720 min  
Delta R.T.: 0.000 min  
Response: 288031  
Conc: 4.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.068 min  
Delta R.T.: 0.013 min  
Response: 36928264  
Conc: 24.22 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.929 min  
Delta R.T.: 0.003 min  
Response: 42913825  
Conc: 22.66 ng/ml