

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081624\  
 Data File : PL091136.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Aug 2024 10:56  
 Operator : AR\AJ  
 Sample : PB162751BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB162751BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 16 11:51:06 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... | 3.550 | 2.786  | 39093898 | 36046457 | 18.207  | 18.466    |
| 28)                         | SA Decachlor... | 9.063 | 7.930  | 30869016 | 35303312 | 20.248  | 18.638    |
| Target Compounds            |                 |       |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 4.005 | 3.290  | 135.6E6  | 136.6E6  | 45.217  | 49.270    |
| 3)                          | MA gamma-BHC... | 4.338 | 3.621  | 127.5E6  | 129.6E6  | 44.439  | 49.211    |
| 4)                          | MA Heptachlor   | 4.927 | 3.961  | 118.5E6  | 123.3E6  | 44.517  | 47.724    |
| 5)                          | MB Aldrin       | 5.269 | 4.241  | 116.8E6  | 120.6E6  | 45.256  | 49.035    |
| 6)                          | B beta-BHC      | 4.534 | 3.919  | 60513868 | 56875559 | 44.747  | 48.320    |
| 7)                          | B delta-BHC     | 4.782 | 4.149  | 123.6E6  | 126.5E6  | 45.402  | 49.907    |
| 8)                          | B Heptachlo...  | 5.695 | 4.744  | 110.1E6  | 111.5E6  | 44.983  | 49.450    |
| 9)                          | A Endosulfan I  | 6.080 | 5.114  | 101.3E6  | 104.5E6  | 45.131  | 49.532    |
| 10)                         | B gamma-Chl...  | 5.951 | 4.994  | 110.3E6  | 116.4E6  | 45.644  | 49.222    |
| 11)                         | B alpha-Chl...  | 6.029 | 5.058  | 108.5E6  | 115.2E6  | 45.055  | 48.959    |
| 12)                         | B 4,4'-DDE      | 6.202 | 5.247  | 96190078 | 105.1E6  | 45.978  | 50.278    |
| 13)                         | MA Dieldrin     | 6.355 | 5.378  | 106.3E6  | 113.2E6  | 45.121  | 49.683    |
| 14)                         | MA Endrin       | 6.584 | 5.654  | 86301765 | 100.1E6  | 44.503  | 49.148    |
| 15)                         | B Endosulfa...  | 6.803 | 5.948  | 92799158 | 98865265 | 45.857  | 51.101    |
| 16)                         | A 4,4'-DDD      | 6.718 | 5.802  | 81777211 | 88001225 | 54.108  | 53.309    |
| 17)                         | MA 4,4'-DDT     | 7.032 | 6.052  | 80806466 | 86175512 | 45.523  | 48.511    |
| 18)                         | B Endrin al...  | 6.933 | 6.127  | 73580245 | 77501377 | 46.091  | 49.754    |
| 19)                         | B Endosulfa...  | 7.167 | 6.350  | 87623419 | 94373229 | 45.669  | 48.949    |
| 20)                         | A Methoxychlor  | 7.508 | 6.627  | 44282209 | 46345686 | 47.096  | 46.673    |
| 21)                         | B Endrin ke...  | 7.651 | 6.856  | 95126335 | 106.3E6  | 45.304  | 48.787    |
| 22)                         | Mirex           | 8.125 | 7.037  | 75757134 | 86491068 | 44.533  | 46.340    |
| 23)                         | Chlordane-1     | 0.000 | 3.811f | 0        | 81137    | N.D.    | 1.113 #   |
| 24)                         | Chlordane-2     | 0.000 | 4.378f | 0        | 467175   | N.D.    | 4.972 #   |
| 25)                         | Chlordane-3     | 5.951 | 4.994  | 110.3E6  | 116.4E6  | 317.556 | 479.167 # |
| 26)                         | Chlordane-4     | 6.029 | 5.058  | 108.5E6  | 115.2E6  | 257.908 | 493.971 # |
| 27)                         | Chlordane-5     | 0.000 | 5.726  | 0        | 320833   | N.D.    | 4.634 #   |
| -----                       |                 |       |        |          |          |         |           |

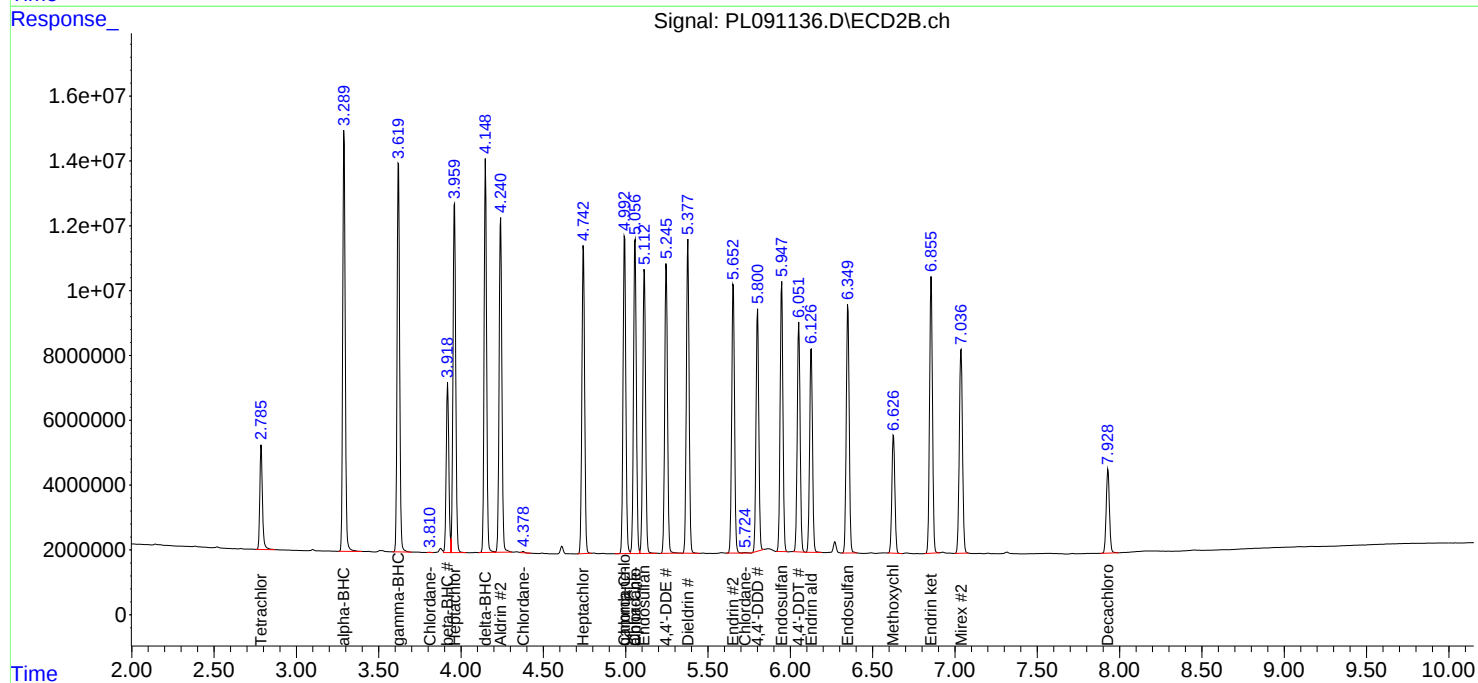
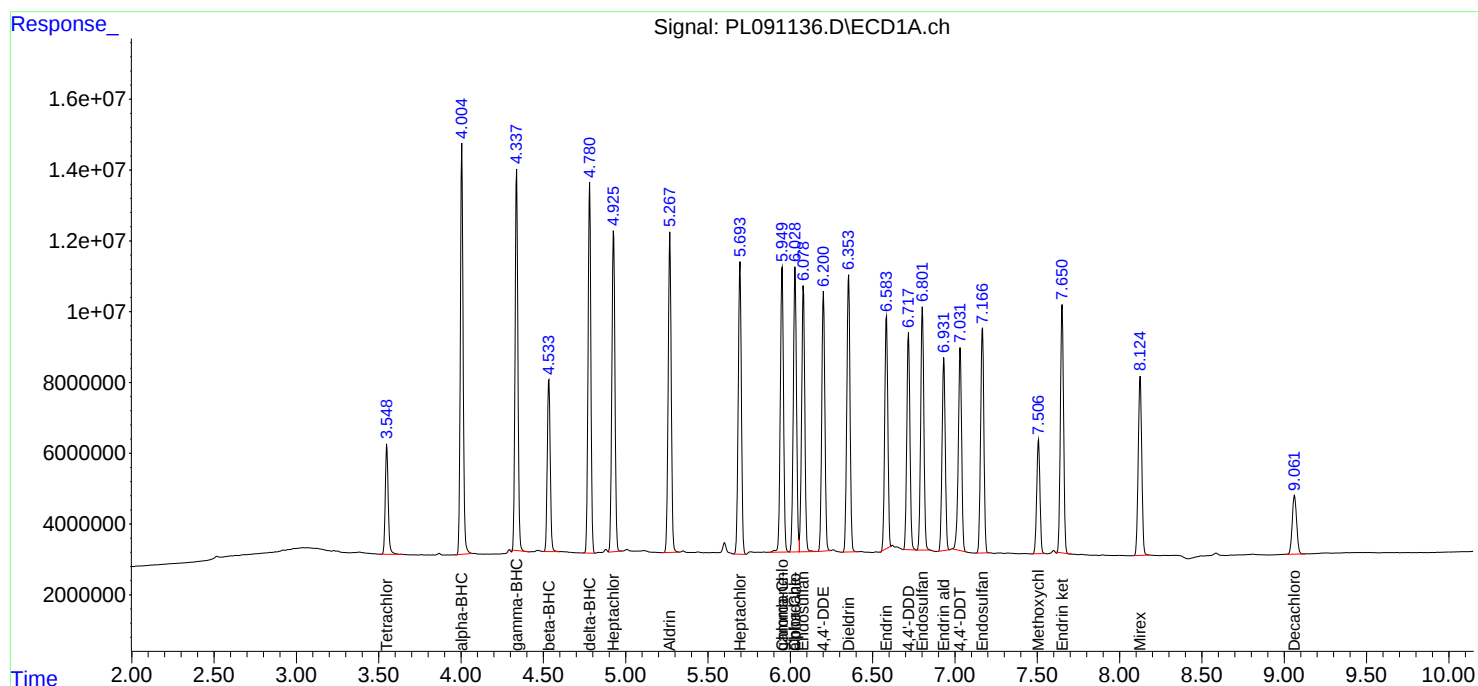
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

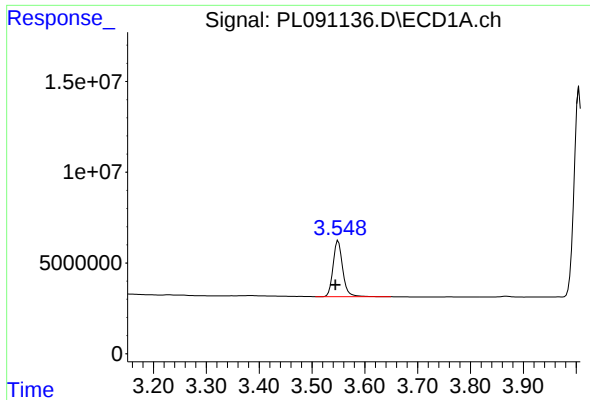
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081624\  
Data File : PL091136.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Aug 2024 10:56  
Operator : AR\AJ  
Sample : PB162751BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB162751BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 16 11:51:06 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

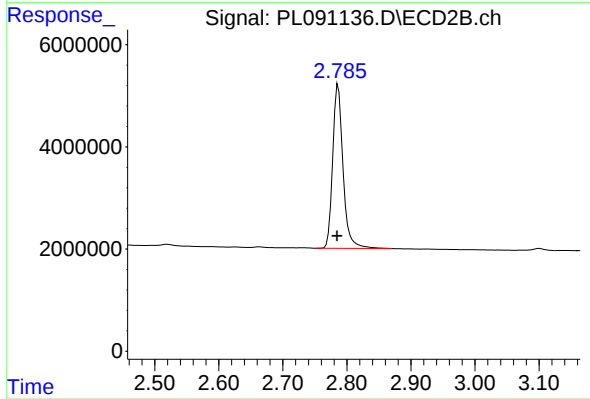




#1 Tetrachloro-m-xylene

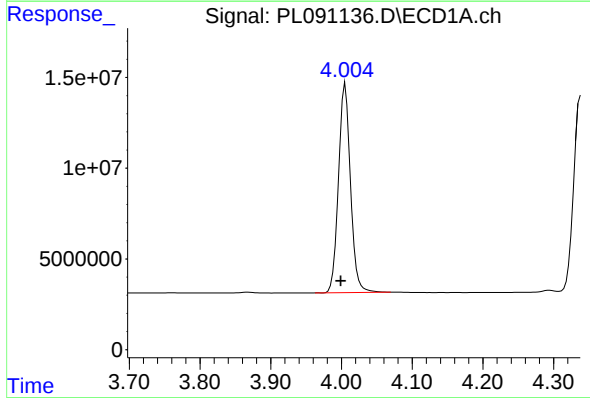
R.T.: 3.550 min  
Delta R.T.: 0.006 min  
Response: 39093898  
Conc: 18.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162751BS



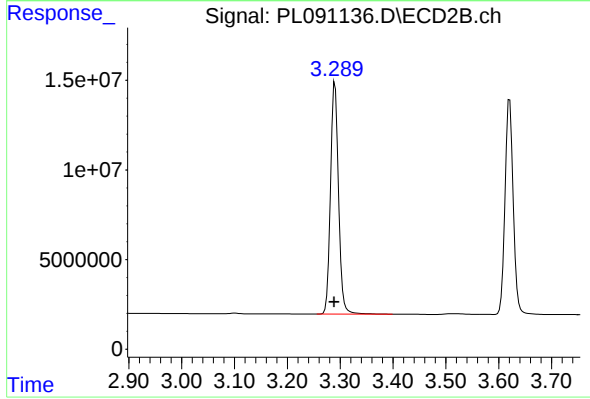
#1 Tetrachloro-m-xylene

R.T.: 2.786 min  
Delta R.T.: 0.002 min  
Response: 36046457  
Conc: 18.47 ng/ml



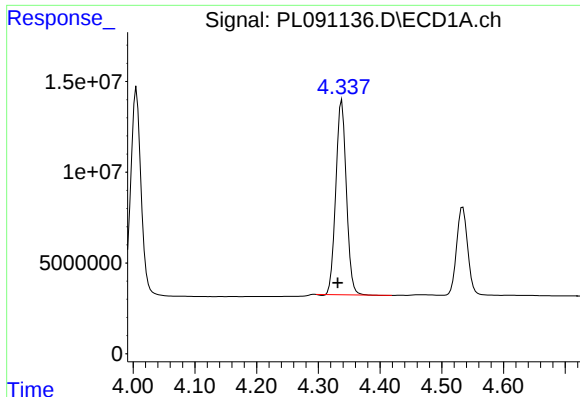
#2 alpha-BHC

R.T.: 4.005 min  
Delta R.T.: 0.006 min  
Response: 135550749  
Conc: 45.22 ng/ml



#2 alpha-BHC

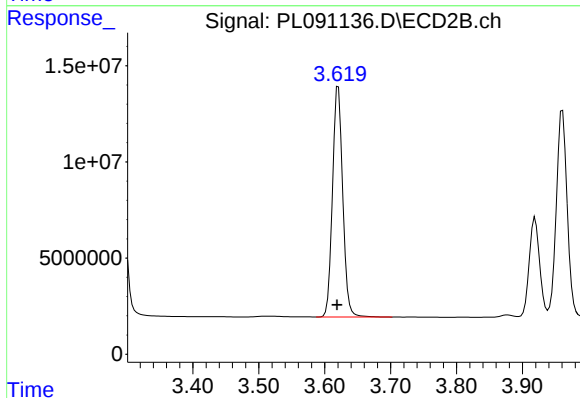
R.T.: 3.290 min  
Delta R.T.: 0.002 min  
Response: 136648795  
Conc: 49.27 ng/ml



#3 gamma-BHC (Lindane)

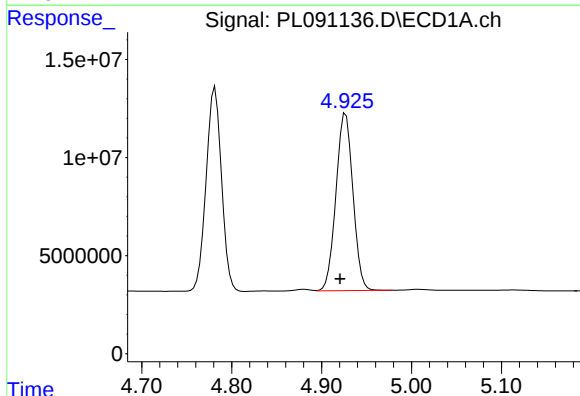
R.T.: 4.338 min  
Delta R.T.: 0.006 min  
Response: 127480832  
Conc: 44.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162751BS



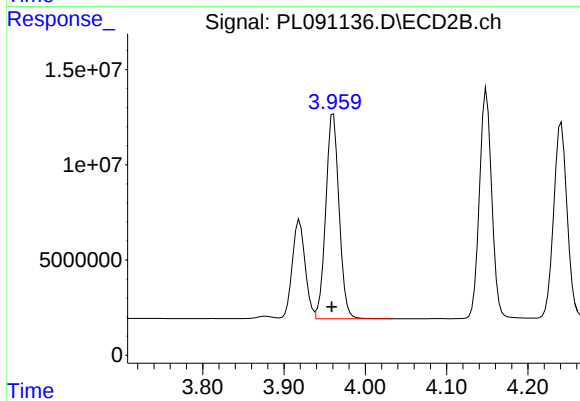
#3 gamma-BHC (Lindane)

R.T.: 3.621 min  
Delta R.T.: 0.002 min  
Response: 129618297  
Conc: 49.21 ng/ml



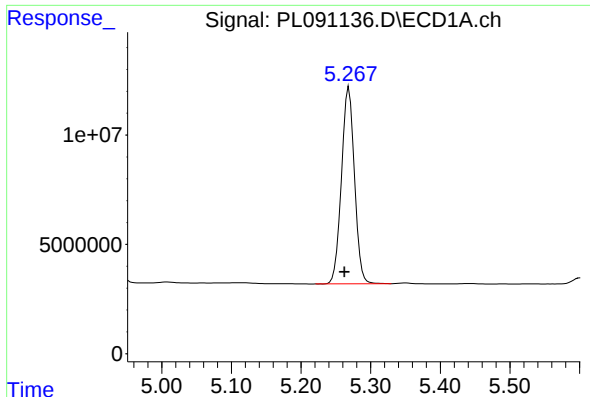
#4 Heptachlor

R.T.: 4.927 min  
Delta R.T.: 0.006 min  
Response: 118548258  
Conc: 44.52 ng/ml



#4 Heptachlor

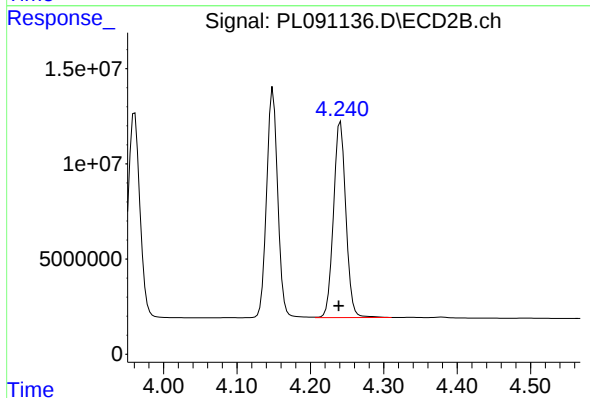
R.T.: 3.961 min  
Delta R.T.: 0.002 min  
Response: 123257032  
Conc: 47.72 ng/ml



#5 Aldrin

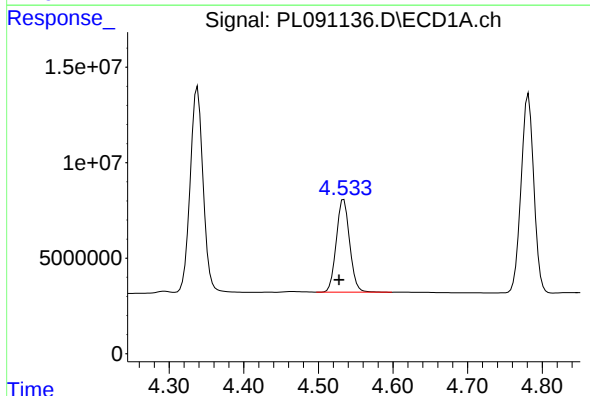
R.T.: 5.269 min  
Delta R.T.: 0.006 min  
Response: 116799905  
Conc: 45.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162751BS



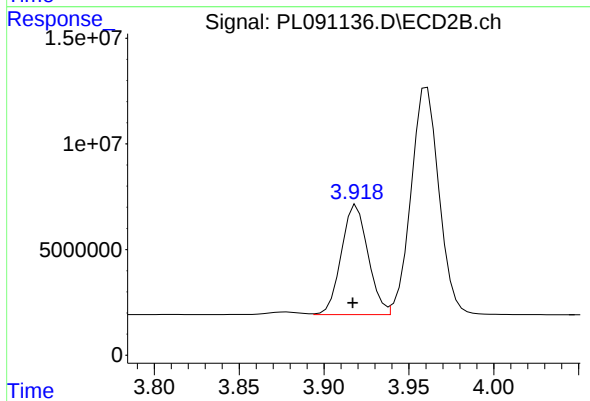
#5 Aldrin

R.T.: 4.241 min  
Delta R.T.: 0.002 min  
Response: 120585958  
Conc: 49.04 ng/ml



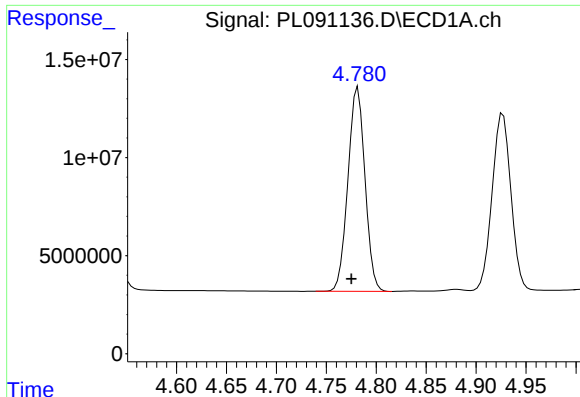
#6 beta-BHC

R.T.: 4.534 min  
Delta R.T.: 0.006 min  
Response: 60513868  
Conc: 44.75 ng/ml



#6 beta-BHC

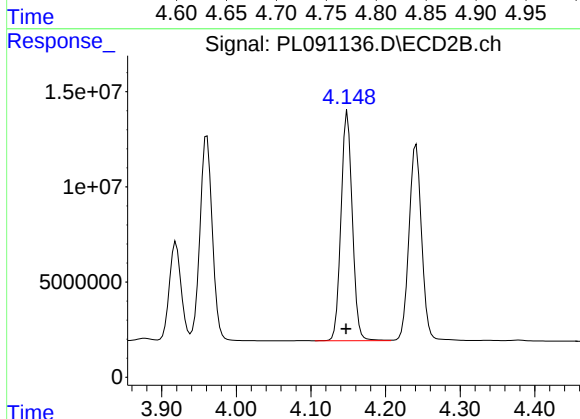
R.T.: 3.919 min  
Delta R.T.: 0.002 min  
Response: 56875559  
Conc: 48.32 ng/ml



#7 delta-BHC

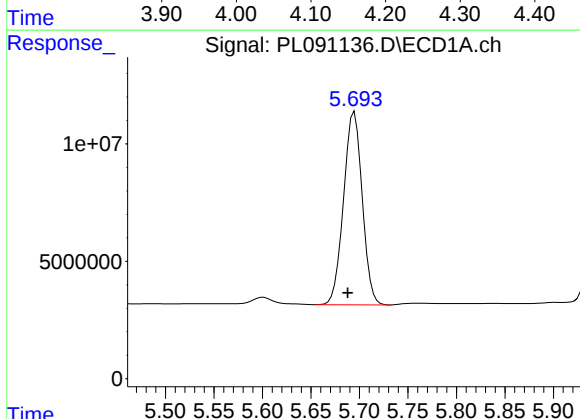
R.T.: 4.782 min  
Delta R.T.: 0.007 min  
Response: 123606689  
Conc: 45.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162751BS



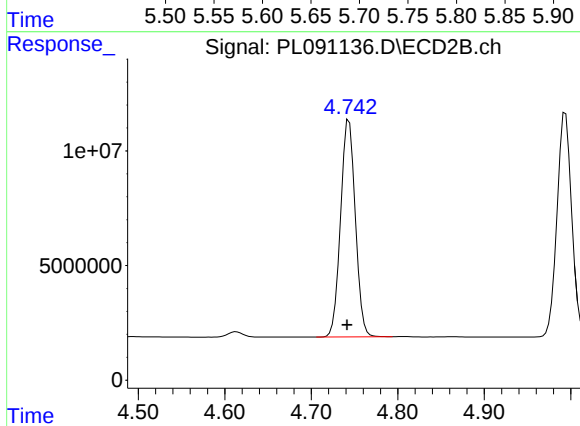
#7 delta-BHC

R.T.: 4.149 min  
Delta R.T.: 0.002 min  
Response: 126476076  
Conc: 49.91 ng/ml



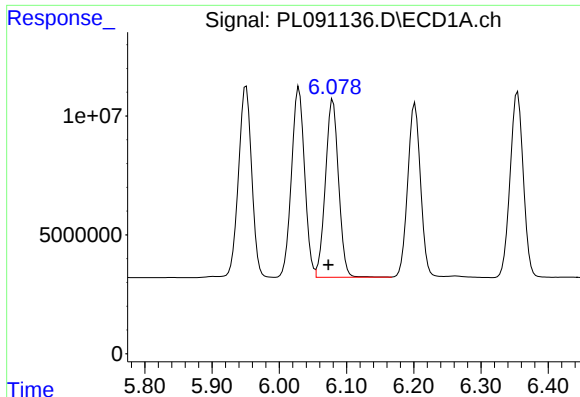
#8 Heptachlor epoxide

R.T.: 5.695 min  
Delta R.T.: 0.007 min  
Response: 110053382  
Conc: 44.98 ng/ml



#8 Heptachlor epoxide

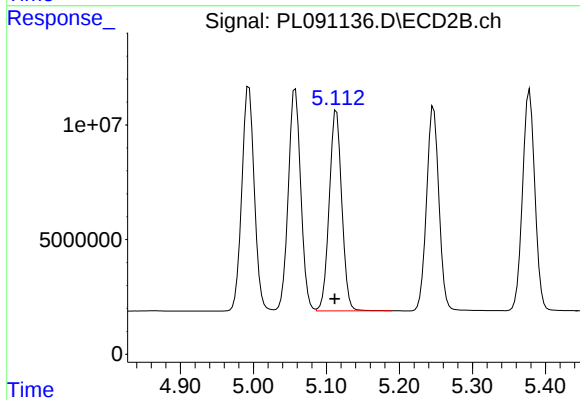
R.T.: 4.744 min  
Delta R.T.: 0.002 min  
Response: 111501654  
Conc: 49.45 ng/ml



#9 Endosulfan I

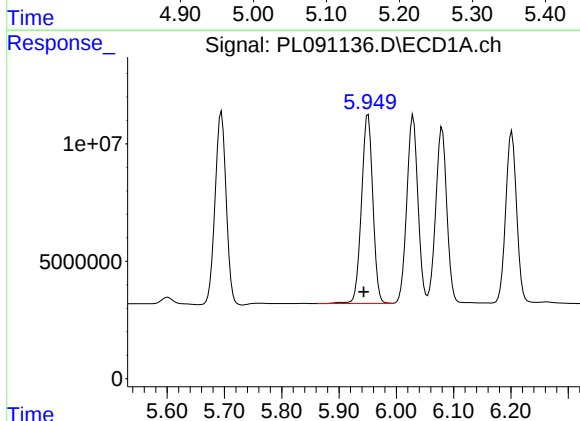
R.T.: 6.080 min  
Delta R.T.: 0.007 min  
Response: 101334728  
Conc: 45.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162751BS



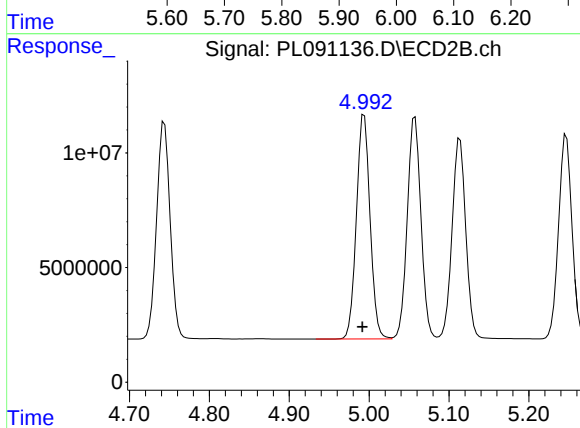
#9 Endosulfan I

R.T.: 5.114 min  
Delta R.T.: 0.002 min  
Response: 104521450  
Conc: 49.53 ng/ml



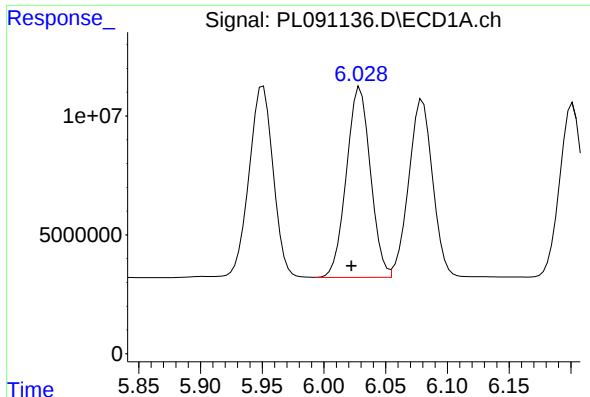
#10 gamma-Chlordane

R.T.: 5.951 min  
Delta R.T.: 0.008 min  
Response: 110295219  
Conc: 45.64 ng/ml



#10 gamma-Chlordane

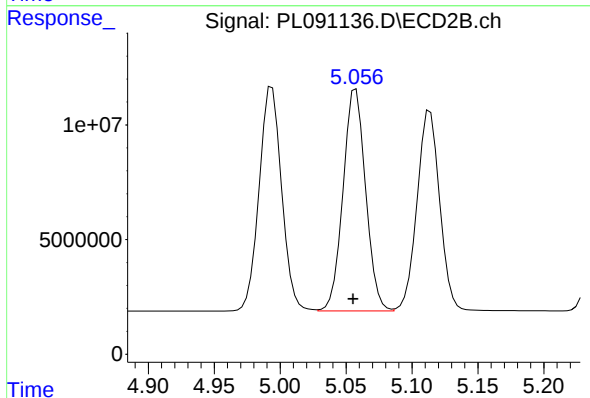
R.T.: 4.994 min  
Delta R.T.: 0.002 min  
Response: 116358821  
Conc: 49.22 ng/ml



#11 alpha-Chlordane

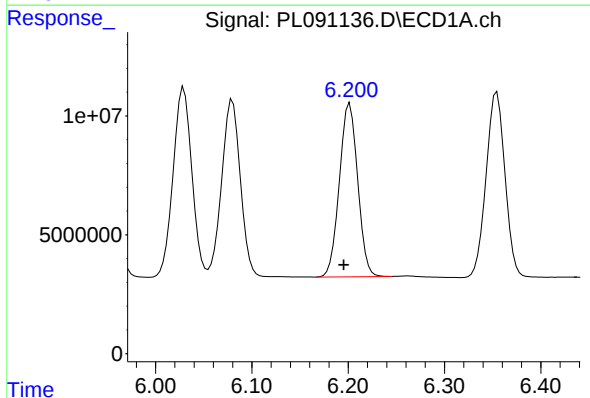
R.T.: 6.029 min  
Delta R.T.: 0.007 min  
Response: 108479005  
Conc: 45.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162751BS



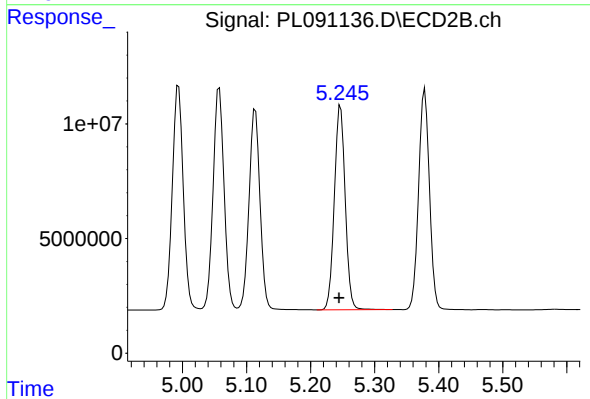
#11 alpha-Chlordane

R.T.: 5.058 min  
Delta R.T.: 0.002 min  
Response: 115178490  
Conc: 48.96 ng/ml



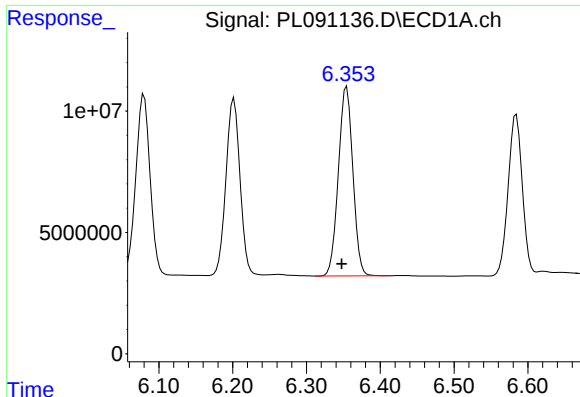
#12 4,4'-DDE

R.T.: 6.202 min  
Delta R.T.: 0.006 min  
Response: 96190078  
Conc: 45.98 ng/ml



#12 4,4'-DDE

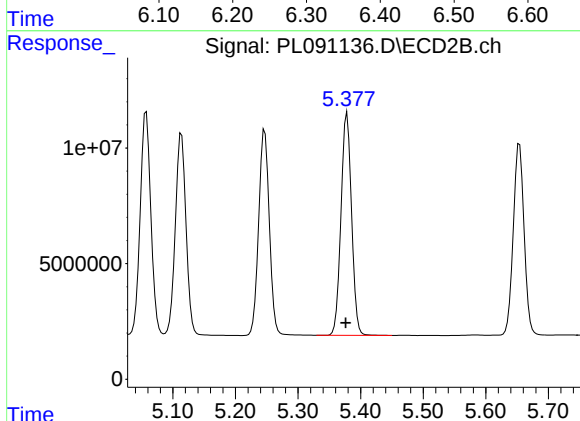
R.T.: 5.247 min  
Delta R.T.: 0.002 min  
Response: 105050772  
Conc: 50.28 ng/ml



#13 Dieldrin

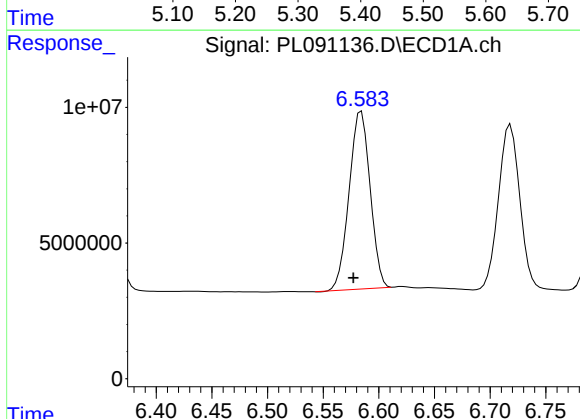
R.T.: 6.355 min  
Delta R.T.: 0.006 min  
Response: 106270061  
Conc: 45.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162751BS



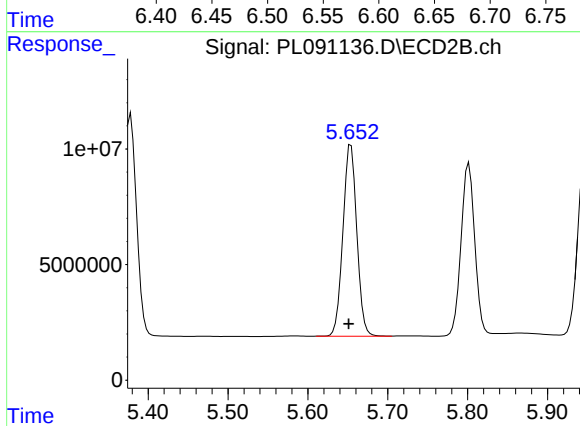
#13 Dieldrin

R.T.: 5.378 min  
Delta R.T.: 0.002 min  
Response: 113155193  
Conc: 49.68 ng/ml



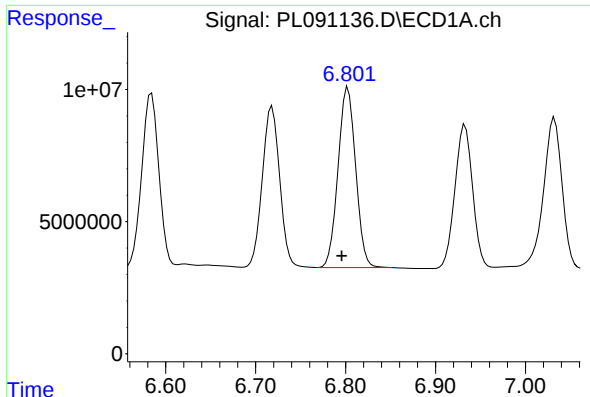
#14 Endrin

R.T.: 6.584 min  
Delta R.T.: 0.007 min  
Response: 86301765  
Conc: 44.50 ng/ml



#14 Endrin

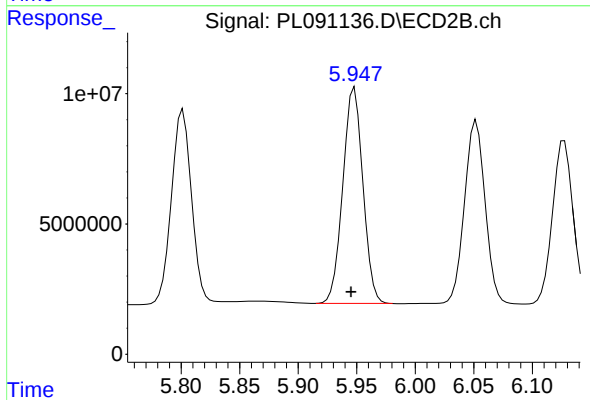
R.T.: 5.654 min  
Delta R.T.: 0.003 min  
Response: 100121535  
Conc: 49.15 ng/ml



#15 Endosulfan II

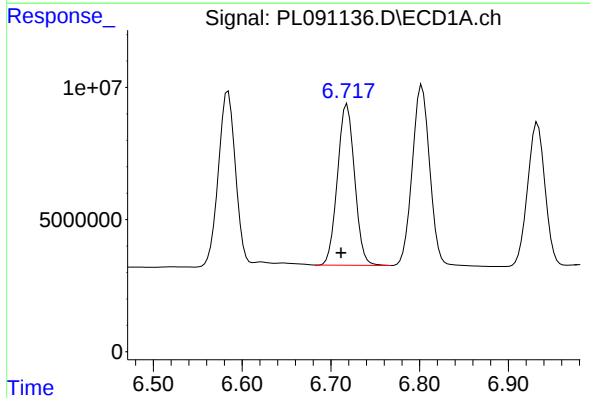
R.T.: 6.803 min  
Delta R.T.: 0.007 min  
Response: 92799158  
Conc: 45.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162751BS



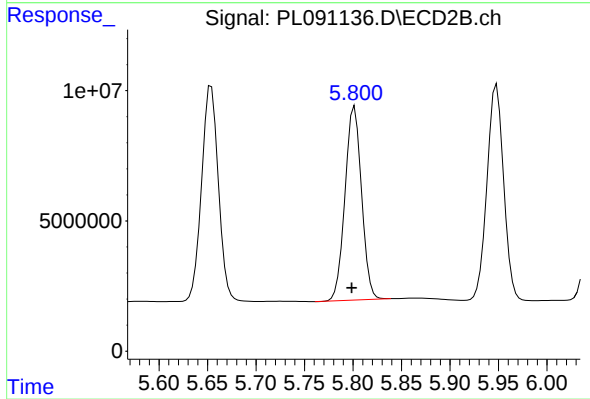
#15 Endosulfan II

R.T.: 5.948 min  
Delta R.T.: 0.003 min  
Response: 98865265  
Conc: 51.10 ng/ml



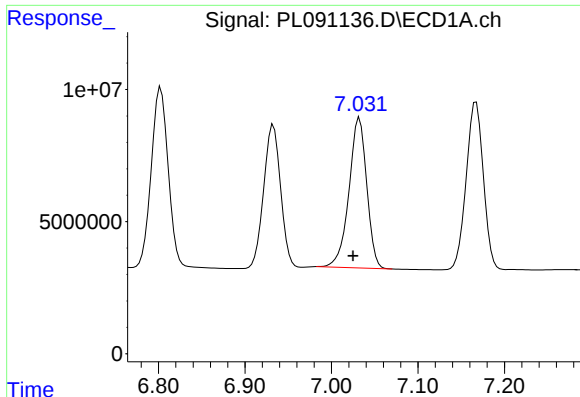
#16 4,4'-DDD

R.T.: 6.718 min  
Delta R.T.: 0.007 min  
Response: 81777211  
Conc: 54.11 ng/ml



#16 4,4'-DDD

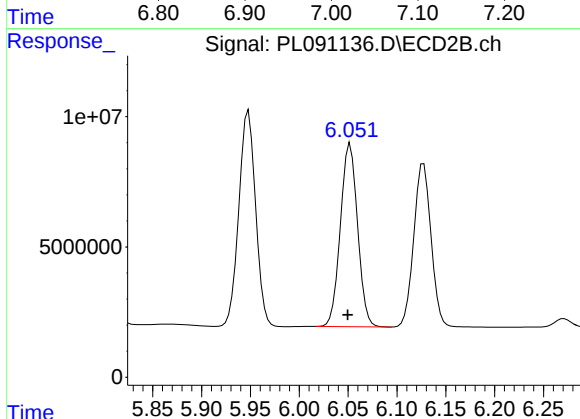
R.T.: 5.802 min  
Delta R.T.: 0.003 min  
Response: 88001225  
Conc: 53.31 ng/ml



#17 4,4'-DDT

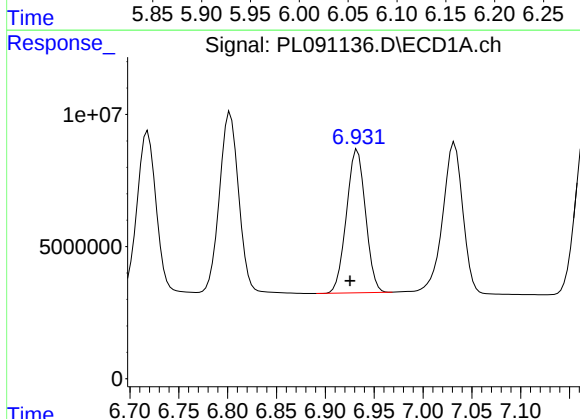
R.T.: 7.032 min  
Delta R.T.: 0.007 min  
Response: 80806466  
Conc: 45.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162751BS



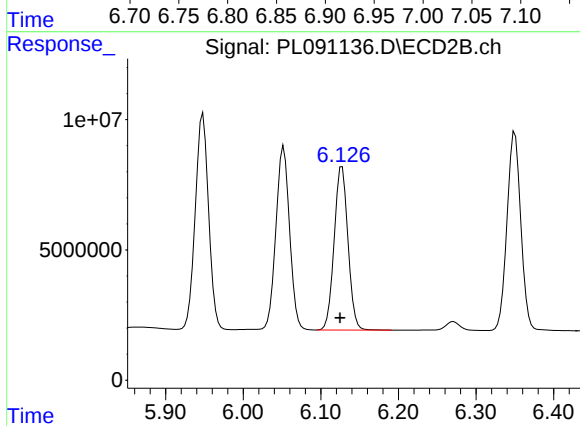
#17 4,4'-DDT

R.T.: 6.052 min  
Delta R.T.: 0.003 min  
Response: 86175512  
Conc: 48.51 ng/ml



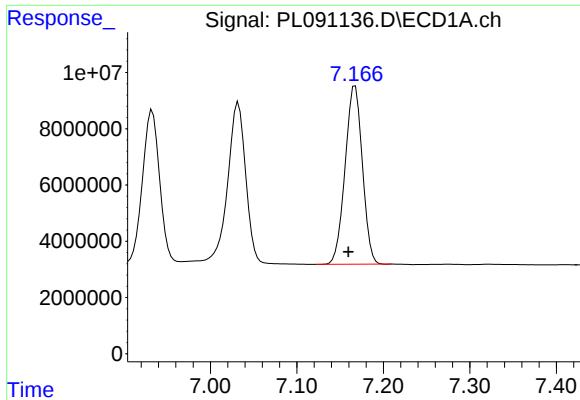
#18 Endrin aldehyde

R.T.: 6.933 min  
Delta R.T.: 0.008 min  
Response: 73580245  
Conc: 46.09 ng/ml



#18 Endrin aldehyde

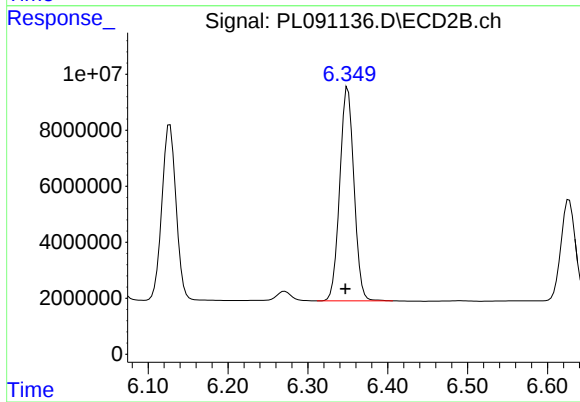
R.T.: 6.127 min  
Delta R.T.: 0.003 min  
Response: 77501377  
Conc: 49.75 ng/ml



#19 Endosulfan Sulfate

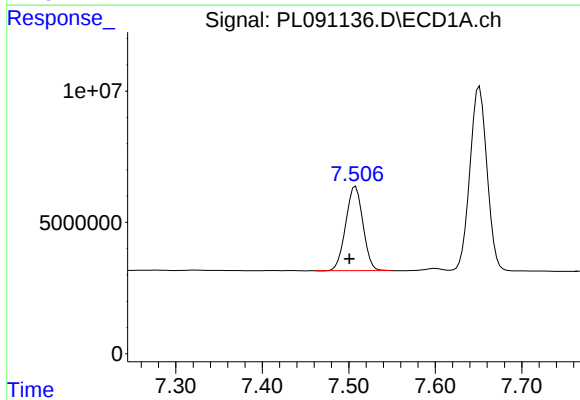
R.T.: 7.167 min  
Delta R.T.: 0.008 min  
Response: 87623419  
Conc: 45.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162751BS



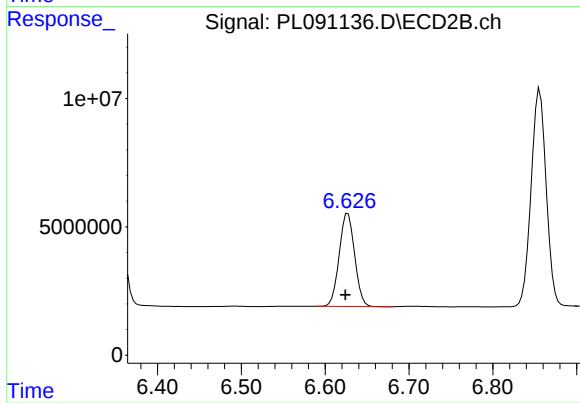
#19 Endosulfan Sulfate

R.T.: 6.350 min  
Delta R.T.: 0.003 min  
Response: 94373229  
Conc: 48.95 ng/ml



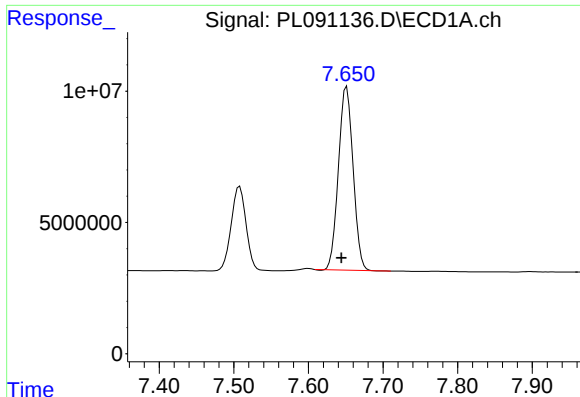
#20 Methoxychlor

R.T.: 7.508 min  
Delta R.T.: 0.007 min  
Response: 44282209  
Conc: 47.10 ng/ml



#20 Methoxychlor

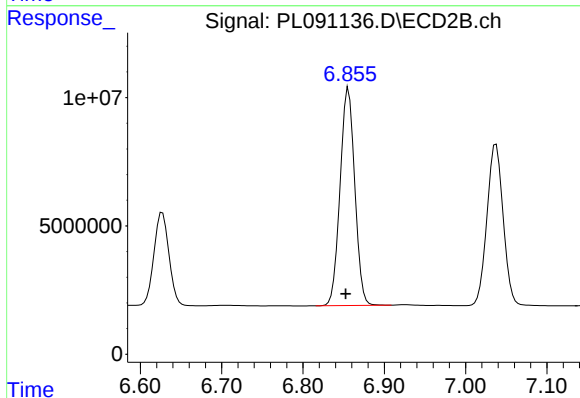
R.T.: 6.627 min  
Delta R.T.: 0.003 min  
Response: 46345686  
Conc: 46.67 ng/ml



#21 Endrin ketone

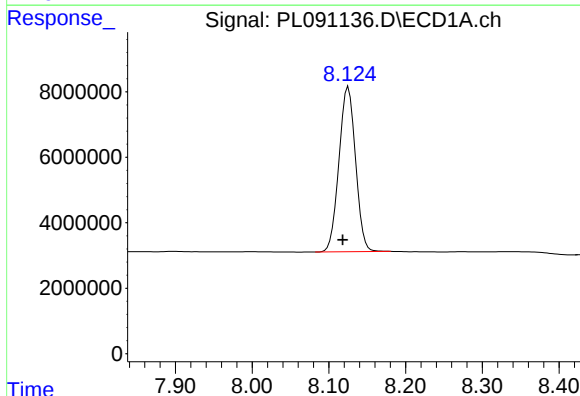
R.T.: 7.651 min  
Delta R.T.: 0.007 min  
Response: 95126335  
Conc: 45.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162751BS



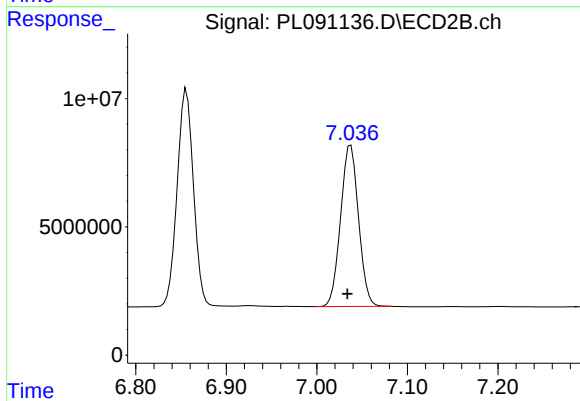
#21 Endrin ketone

R.T.: 6.856 min  
Delta R.T.: 0.003 min  
Response: 106257059  
Conc: 48.79 ng/ml



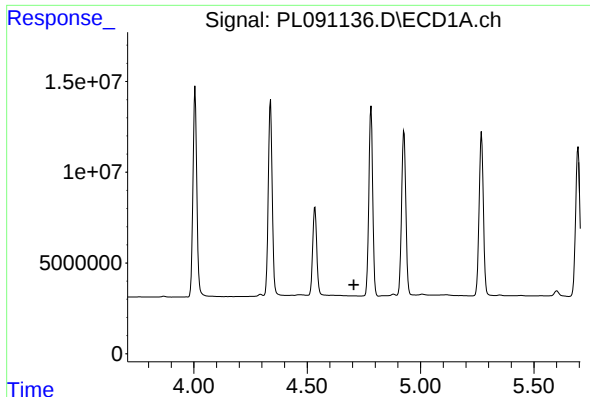
#22 Mirex

R.T.: 8.125 min  
Delta R.T.: 0.007 min  
Response: 75757134  
Conc: 44.53 ng/ml



#22 Mirex

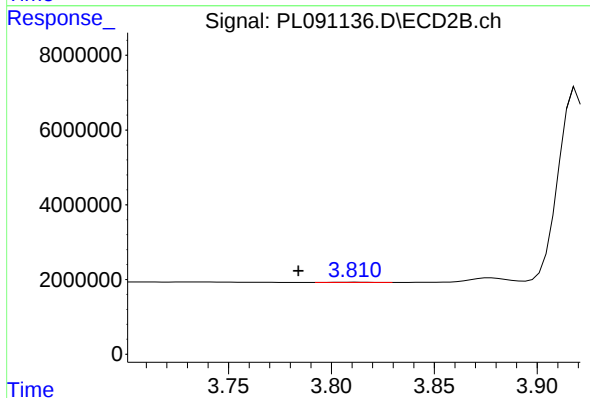
R.T.: 7.037 min  
Delta R.T.: 0.004 min  
Response: 86491068  
Conc: 46.34 ng/ml



#23 Chlordane-1

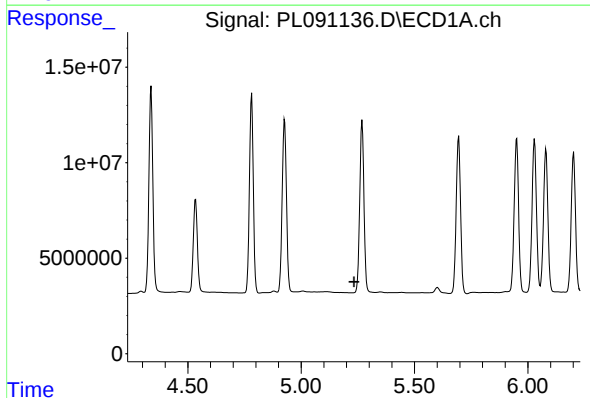
R.T.: 0.000 min  
Exp R.T.: 4.706 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB162751BS



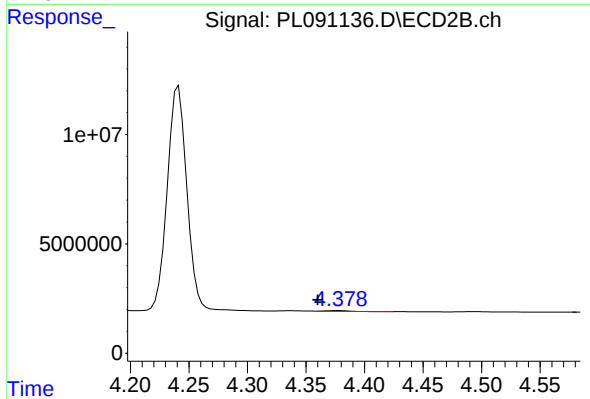
#23 Chlordane-1

R.T.: 3.811 min  
Delta R.T.: 0.027 min  
Response: 81137  
Conc: 1.11 ng/ml



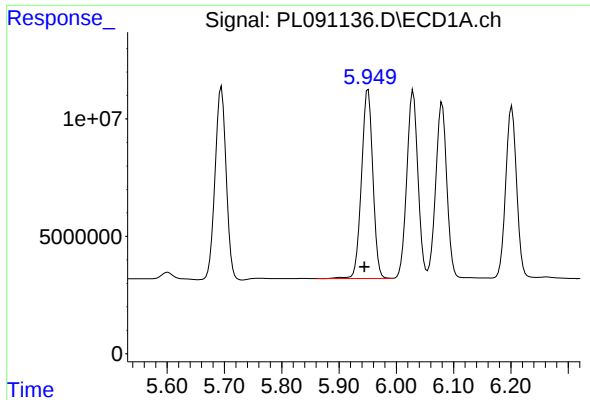
#24 Chlordane-2

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



#24 Chlordane-2

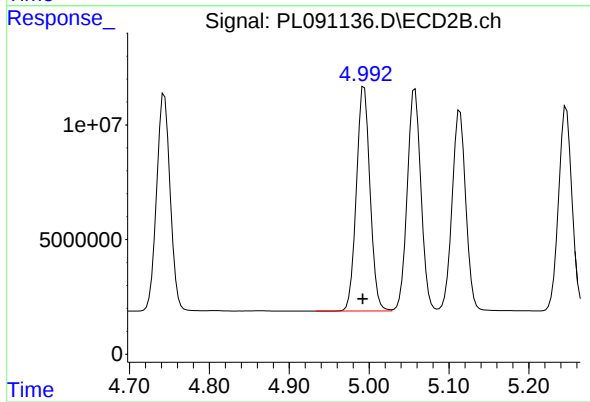
R.T.: 4.378 min  
Delta R.T.: 0.018 min  
Response: 467175  
Conc: 4.97 ng/ml



#25 Chlordane-3

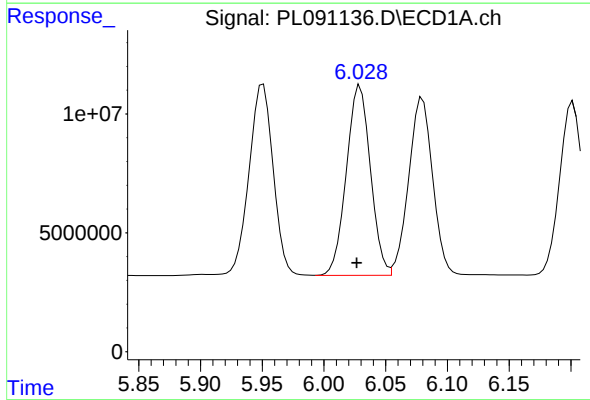
R.T.: 5.951 min  
Delta R.T.: 0.006 min  
Response: 110295219  
Conc: 317.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB162751BS



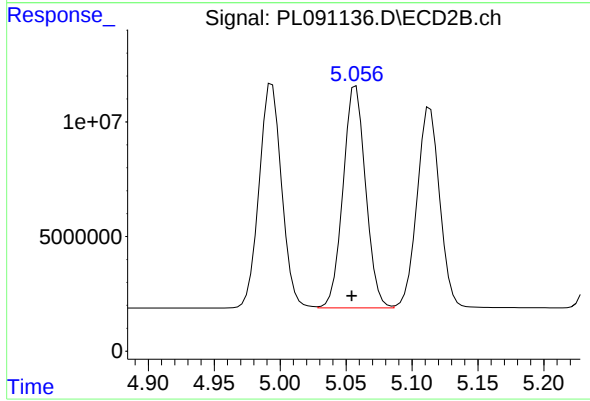
#25 Chlordane-3

R.T.: 4.994 min  
Delta R.T.: 0.002 min  
Response: 116358821  
Conc: 479.17 ng/ml



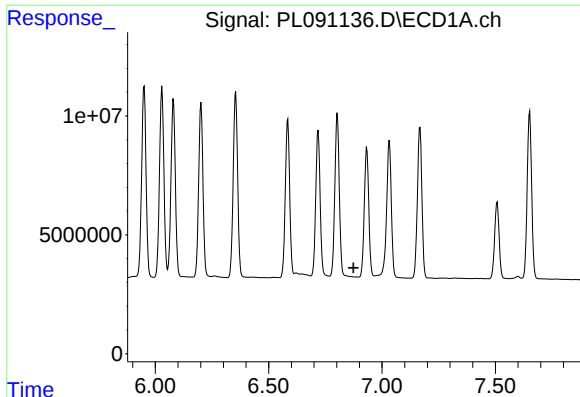
#26 Chlordane-4

R.T.: 6.029 min  
Delta R.T.: 0.003 min  
Response: 108479005  
Conc: 257.91 ng/ml



#26 Chlordane-4

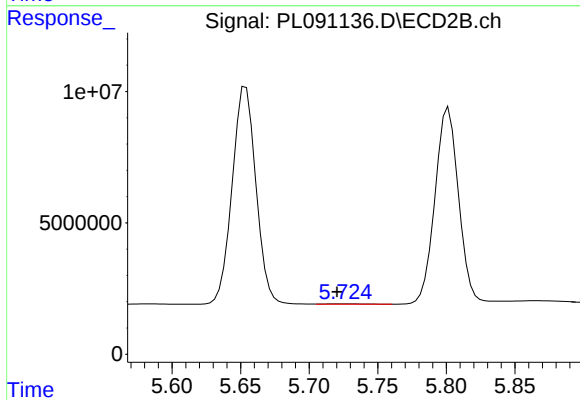
R.T.: 5.058 min  
Delta R.T.: 0.003 min  
Response: 115178490  
Conc: 493.97 ng/ml



#27 Chlordane-5

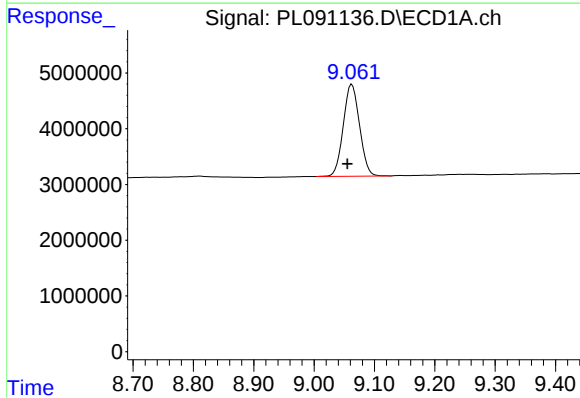
R.T.: 0.000 min  
Exp R.T.: 6.875 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB162751BS



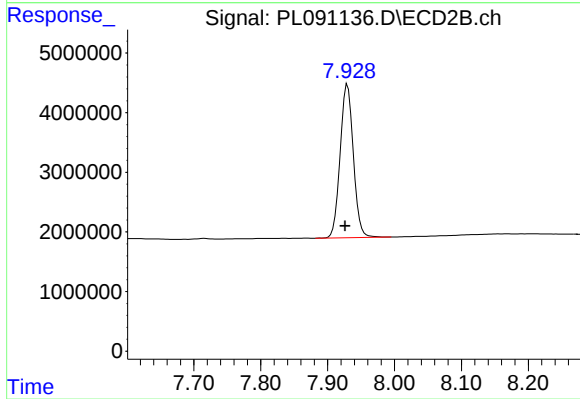
#27 Chlordane-5

R.T.: 5.726 min  
Delta R.T.: 0.005 min  
Response: 320833  
Conc: 4.63 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.063 min  
Delta R.T.: 0.007 min  
Response: 30869016  
Conc: 20.25 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.930 min  
Delta R.T.: 0.004 min  
Response: 35303312  
Conc: 18.64 ng/ml