

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011123\  
 Data File : PL080239.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Jan 2023 16:20  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 11 23:57:40 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL010423.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 05 05:11:24 2023  
 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... | 3.376 | 2.692 | 103.8E6  | 104.0E6  | 52.179  | 45.725    |
| 28)                         | SA Decachlor... | 8.894 | 7.843 | 89194318 | 94155183 | 51.986  | 41.675    |
| Target Compounds            |                 |       |       |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.828 | 3.193 | 148.1E6  | 153.0E6  | 51.821  | 45.694    |
| 3)                          | MA gamma-BHC... | 4.159 | 3.522 | 116.7E6  | 143.1E6  | 59.389  | 46.652    |
| 4)                          | MA Heptachlor   | 4.748 | 3.864 | 96445295 | 143.3E6  | 43.372  | 46.150    |
| 5)                          | MB Aldrin       | 5.089 | 4.143 | 93123317 | 153.5E6  | 46.930  | 52.015    |
| 6)                          | B beta-BHC      | 4.358 | 3.818 | 41689572 | 61297404 | 45.544  | 45.689    |
| 7)                          | B delta-BHC     | 4.602 | 4.047 | 86894466 | 143.3E6  | 43.261  | 48.749    |
| 8)                          | B Heptachlo...  | 5.519 | 4.646 | 106.6E6  | 125.3E6  | 58.603  | 45.755    |
| 9)                          | A Endosulfan I  | 5.903 | 5.015 | 98698229 | 110.4E6  | 57.518  | 42.619 #  |
| 10)                         | B gamma-Chl...  | 5.777 | 4.897 | 104.8E6  | 128.3E6  | 58.108  | 45.960    |
| 11)                         | B alpha-Chl...  | 5.856 | 4.961 | 99837472 | 128.3E6  | 55.516  | 45.918    |
| 12)                         | B 4,4'-DDE      | 6.041 | 5.154 | 84824895 | 105.5E6  | 53.886  | 45.453    |
| 13)                         | MA Dieldrin     | 6.181 | 5.281 | 87965723 | 123.6E6  | 51.389  | 47.250    |
| 14)                         | MA Endrin       | 6.411 | 5.555 | 76298131 | 100.5E6  | 49.751  | 44.639    |
| 15)                         | B Endosulfa...  | 6.633 | 5.849 | 83068233 | 94042108 | 53.985  | 43.314    |
| 16)                         | A 4,4'-DDD      | 6.562 | 5.708 | 78502776 | 86806460 | 59.649  | 47.041    |
| 17)                         | MA 4,4'-DDT     | 6.880 | 5.959 | 70693554 | 85417698 | 47.288  | 41.949    |
| 18)                         | B Endrin al...  | 6.765 | 6.029 | 58815305 | 74351833 | 48.399  | 42.345    |
| 19)                         | B Endosulfa...  | 7.002 | 6.252 | 81744635 | 96632079 | 49.985  | 43.494    |
| 20)                         | A Methoxychlor  | 7.371 | 6.537 | 42255175 | 48768705 | 47.517  | 42.553    |
| 21)                         | B Endrin ke...  | 7.486 | 6.756 | 92471544 | 104.8E6  | 51.958  | 42.996    |
| 22)                         | Mirex           | 7.963 | 6.941 | 78082469 | 88301055 | 50.357  | 42.779    |
| 23)                         | Chlordane-1     | 0.000 | 3.692 | 0        | 132784   | N.D.    | 1.706 #   |
| 24)                         | Chlordane-2     | 0.000 | 4.276 | 0        | 10681279 | N.D.    | 122.749 # |
| 25)                         | Chlordane-3     | 5.777 | 4.897 | 104.8E6  | 128.3E6  | 419.068 | 490.354   |
| 26)                         | Chlordane-4     | 5.856 | 4.961 | 99837472 | 128.3E6  | 323.183 | 487.457 # |
| 27)                         | Chlordane-5     | 6.701 | 5.634 | 1647393  | 80707    | 25.756  | 1.097 #   |
| -----                       |                 |       |       |          |          |         |           |

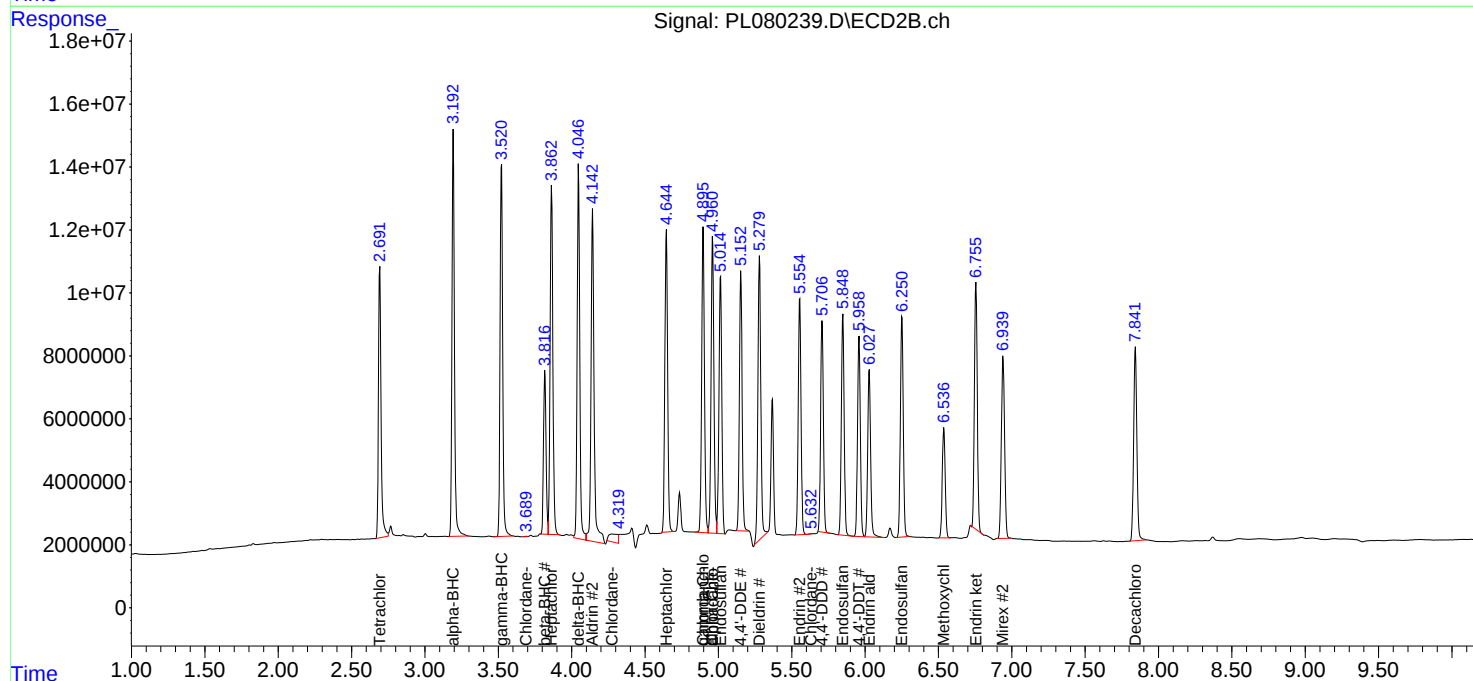
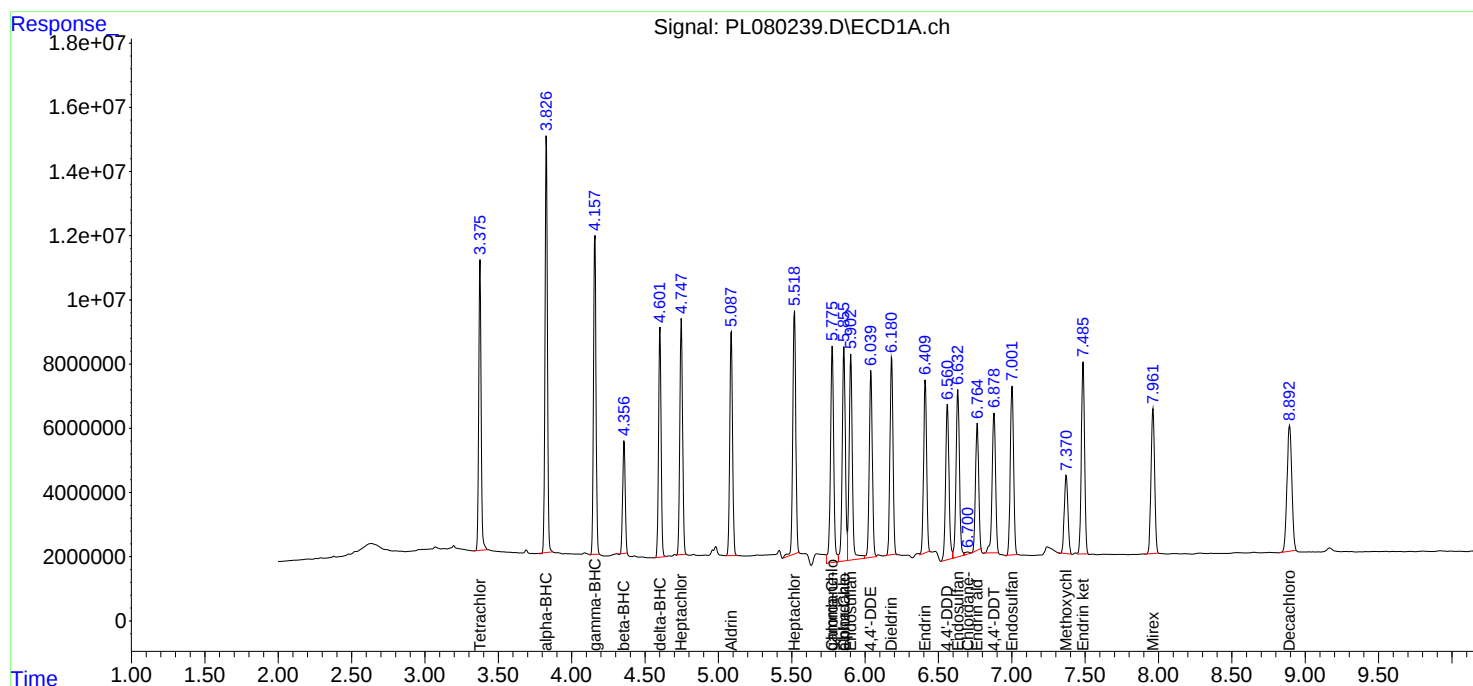
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

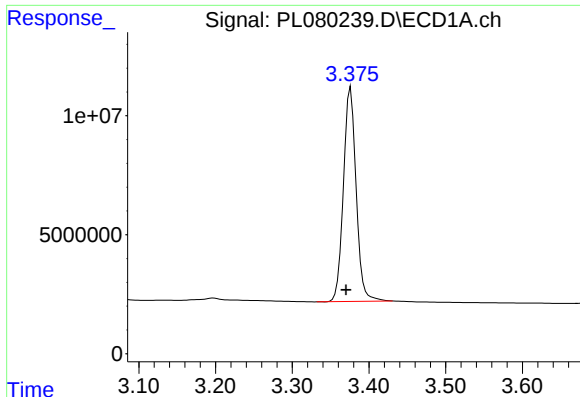
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011123\  
Data File : PL080239.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Jan 2023 16:20  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 11 23:57:40 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL010423.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 05 05:11:24 2023  
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

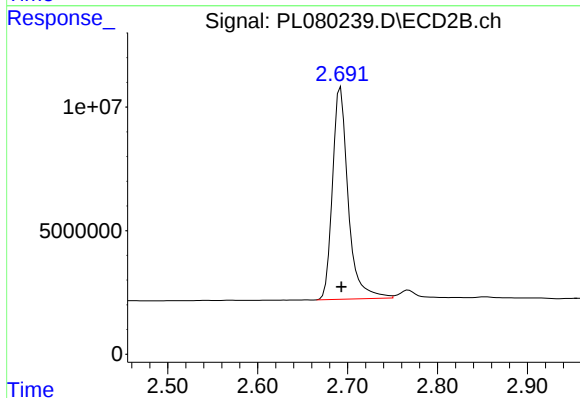




#1 Tetrachloro-m-xylene

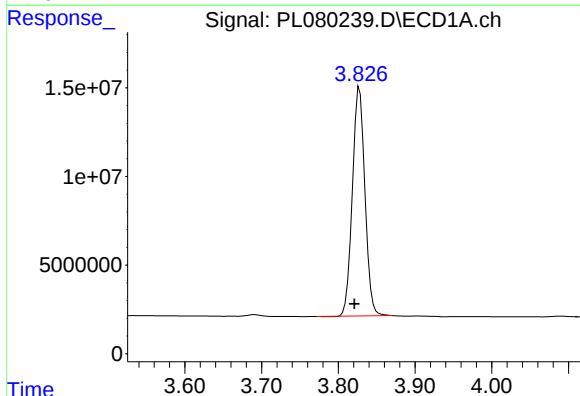
R.T.: 3.376 min  
Delta R.T.: 0.006 min  
Response: 103791365  
Conc: 52.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



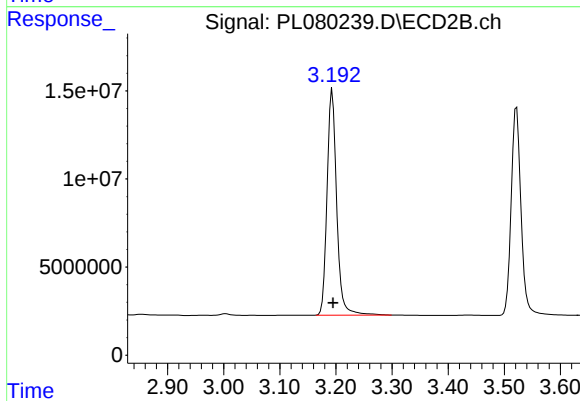
#1 Tetrachloro-m-xylene

R.T.: 2.692 min  
Delta R.T.: 0.000 min  
Response: 103969830  
Conc: 45.72 ng/ml



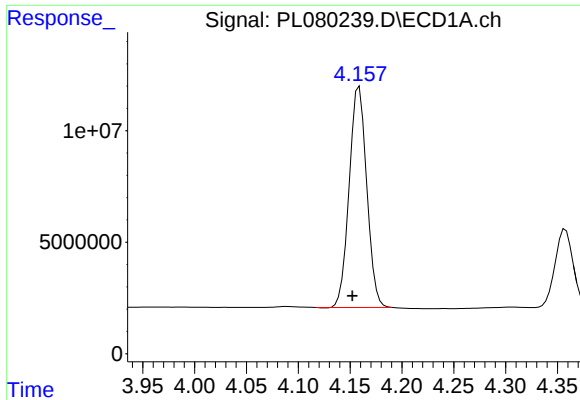
#2 alpha-BHC

R.T.: 3.828 min  
Delta R.T.: 0.007 min  
Response: 148055167  
Conc: 51.82 ng/ml



#2 alpha-BHC

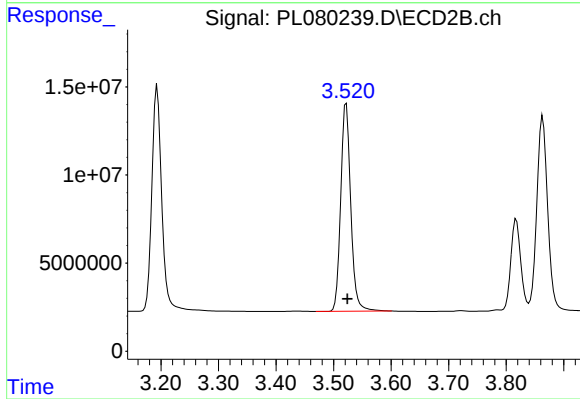
R.T.: 3.193 min  
Delta R.T.: -0.002 min  
Response: 153038812  
Conc: 45.69 ng/ml



#3 gamma-BHC (Lindane)

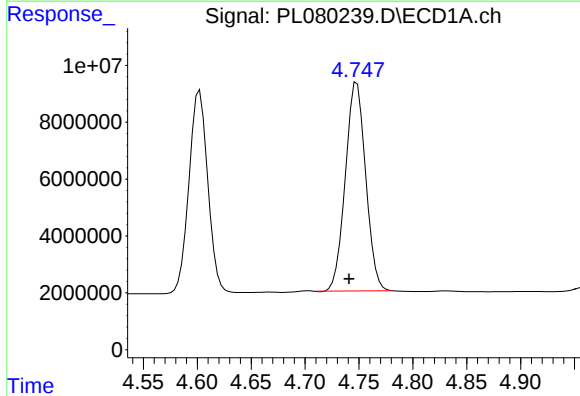
R.T.: 4.159 min  
Delta R.T.: 0.007 min  
Response: 116718726  
Conc: 59.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



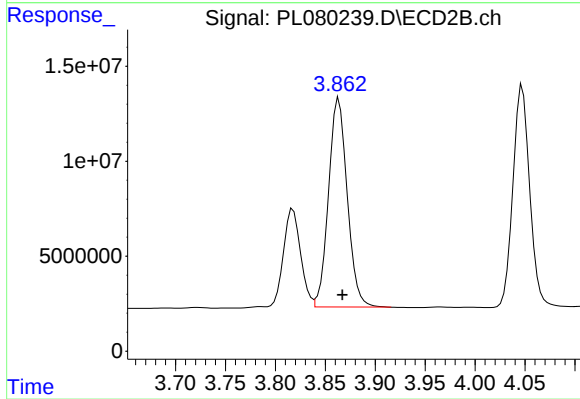
#3 gamma-BHC (Lindane)

R.T.: 3.522 min  
Delta R.T.: -0.002 min  
Response: 143066683  
Conc: 46.65 ng/ml



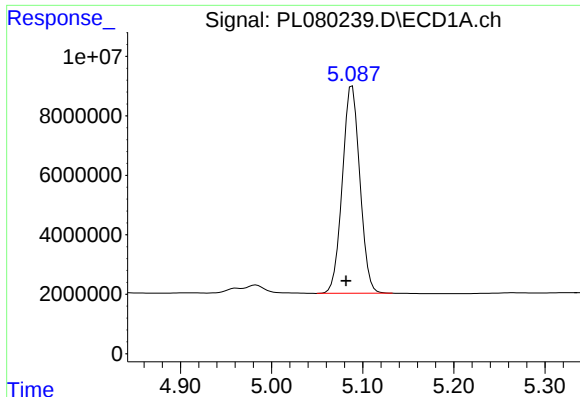
#4 Heptachlor

R.T.: 4.748 min  
Delta R.T.: 0.007 min  
Response: 96445295  
Conc: 43.37 ng/ml



#4 Heptachlor

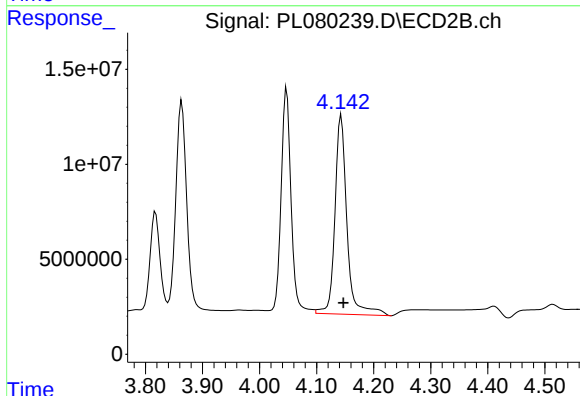
R.T.: 3.864 min  
Delta R.T.: -0.004 min  
Response: 143264297  
Conc: 46.15 ng/ml



#5 Aldrin

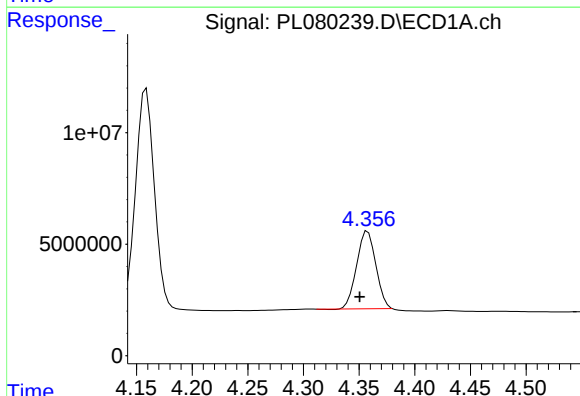
R.T.: 5.089 min  
Delta R.T.: 0.007 min  
Response: 93123317  
Conc: 46.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



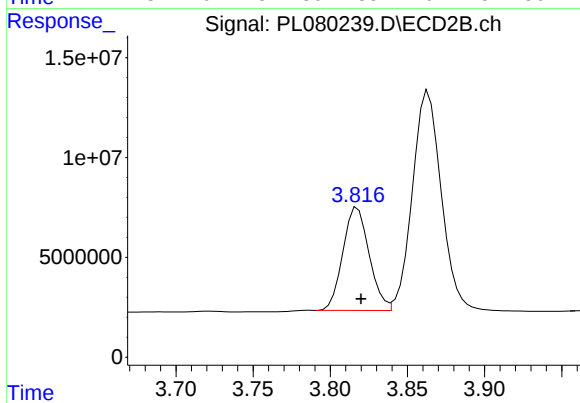
#5 Aldrin

R.T.: 4.143 min  
Delta R.T.: -0.004 min  
Response: 153494493  
Conc: 52.01 ng/ml



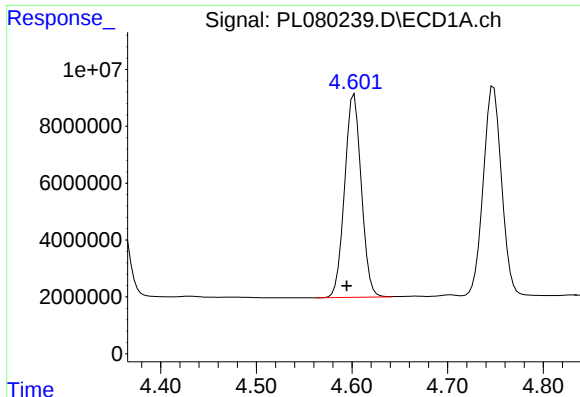
#6 beta-BHC

R.T.: 4.358 min  
Delta R.T.: 0.007 min  
Response: 41689572  
Conc: 45.54 ng/ml



#6 beta-BHC

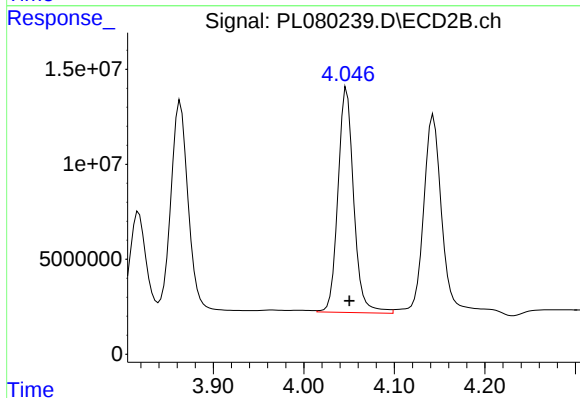
R.T.: 3.818 min  
Delta R.T.: -0.002 min  
Response: 61297404  
Conc: 45.69 ng/ml



#7 delta-BHC

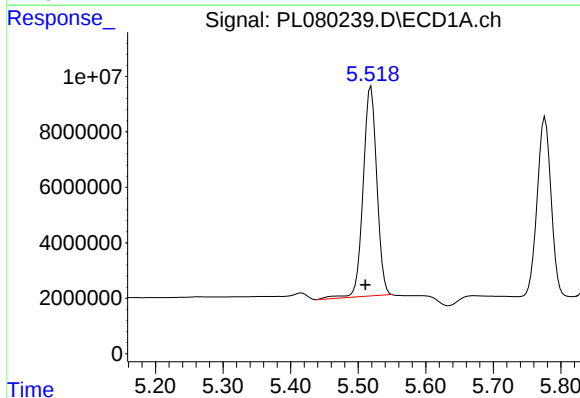
R.T.: 4.602 min  
Delta R.T.: 0.008 min  
Response: 86894466  
Conc: 43.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



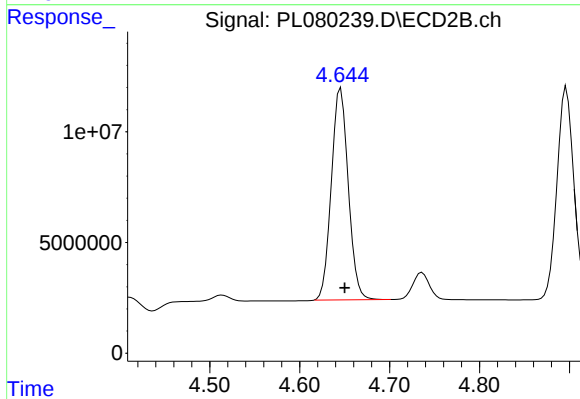
#7 delta-BHC

R.T.: 4.047 min  
Delta R.T.: -0.003 min  
Response: 143326543  
Conc: 48.75 ng/ml



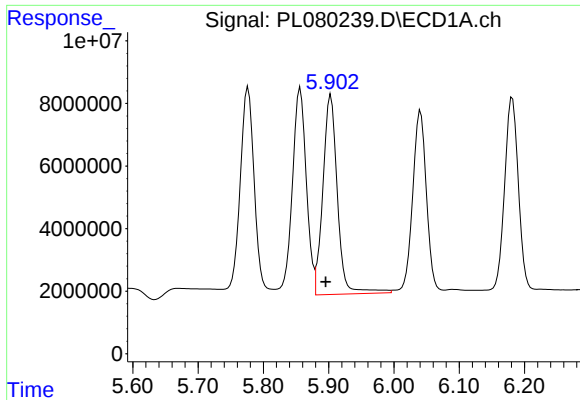
#8 Heptachlor epoxide

R.T.: 5.519 min  
Delta R.T.: 0.008 min  
Response: 106632895  
Conc: 58.60 ng/ml



#8 Heptachlor epoxide

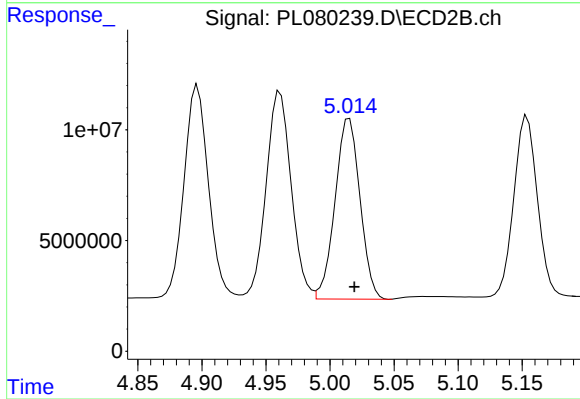
R.T.: 4.646 min  
Delta R.T.: -0.004 min  
Response: 125349034  
Conc: 45.75 ng/ml



#9 Endosulfan I

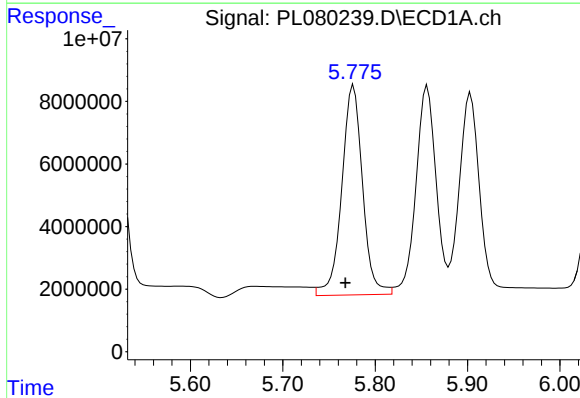
R.T.: 5.903 min  
Delta R.T.: 0.008 min  
Response: 98698229  
Conc: 57.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



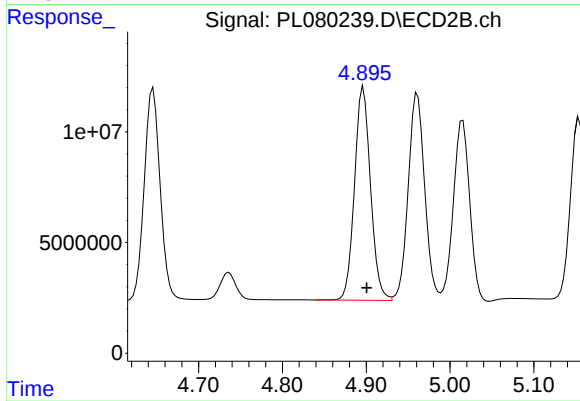
#9 Endosulfan I

R.T.: 5.015 min  
Delta R.T.: -0.004 min  
Response: 110386676  
Conc: 42.62 ng/ml



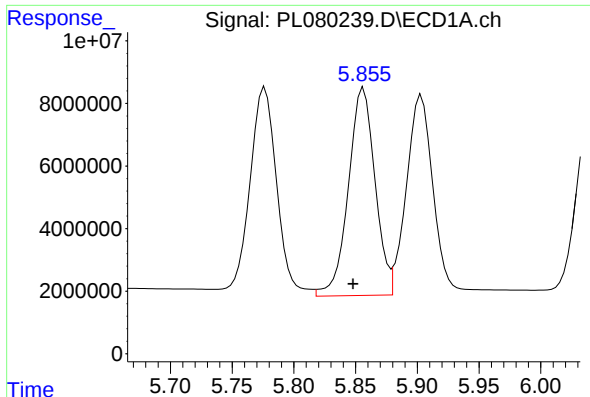
#10 gamma-Chlordane

R.T.: 5.777 min  
Delta R.T.: 0.009 min  
Response: 104834092  
Conc: 58.11 ng/ml



#10 gamma-Chlordane

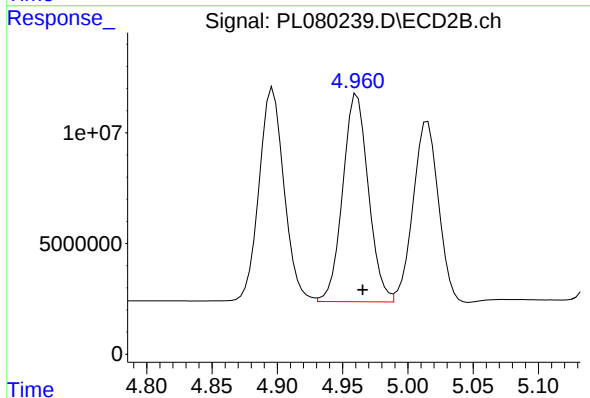
R.T.: 4.897 min  
Delta R.T.: -0.004 min  
Response: 128277044  
Conc: 45.96 ng/ml



#11 alpha-Chlordane

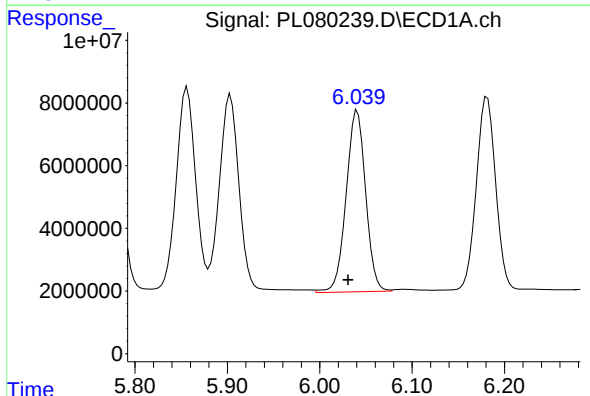
R.T.: 5.856 min  
Delta R.T.: 0.009 min  
Response: 99837472  
Conc: 55.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



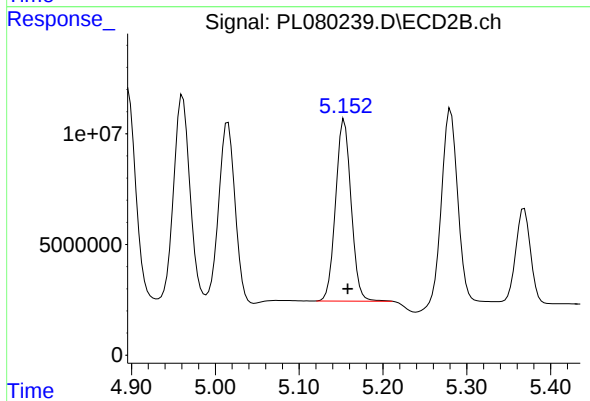
#11 alpha-Chlordane

R.T.: 4.961 min  
Delta R.T.: -0.004 min  
Response: 128290309  
Conc: 45.92 ng/ml



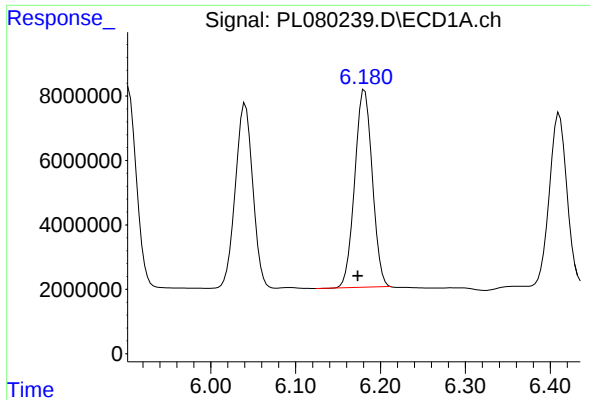
#12 4,4'-DDE

R.T.: 6.041 min  
Delta R.T.: 0.010 min  
Response: 84824895  
Conc: 53.89 ng/ml



#12 4,4'-DDE

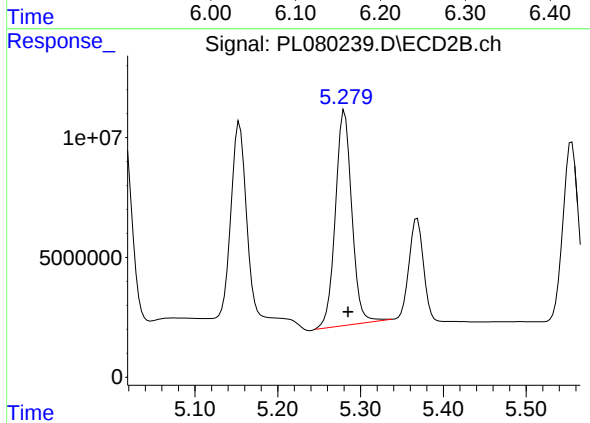
R.T.: 5.154 min  
Delta R.T.: -0.004 min  
Response: 105464279  
Conc: 45.45 ng/ml



#13 Dieldrin

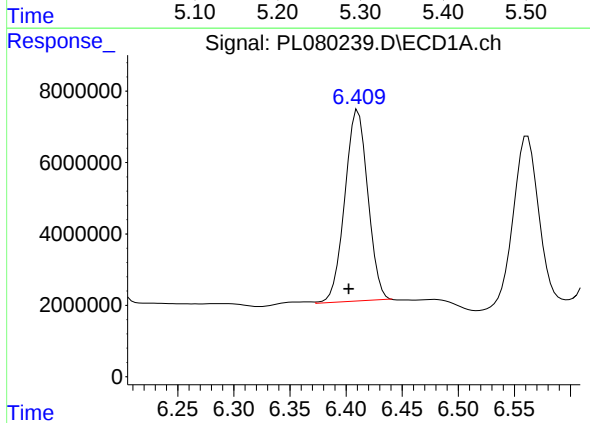
R.T.: 6.181 min  
Delta R.T.: 0.008 min  
Response: 87965723  
Conc: 51.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



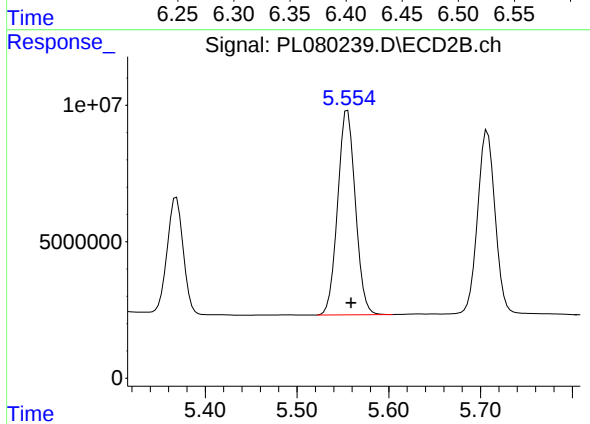
#13 Dieldrin

R.T.: 5.281 min  
Delta R.T.: -0.004 min  
Response: 123585195  
Conc: 47.25 ng/ml



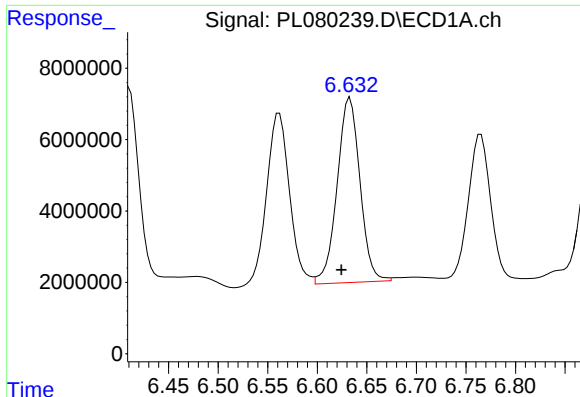
#14 Endrin

R.T.: 6.411 min  
Delta R.T.: 0.008 min  
Response: 76298131  
Conc: 49.75 ng/ml



#14 Endrin

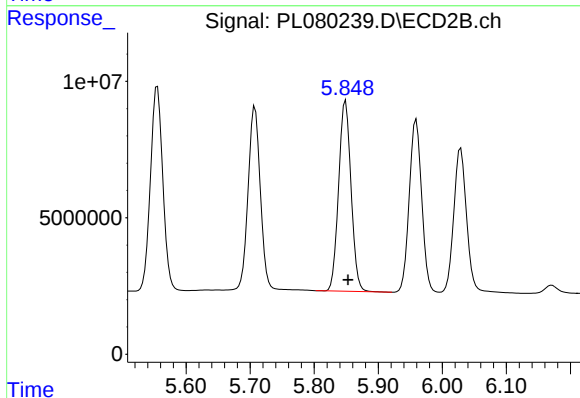
R.T.: 5.555 min  
Delta R.T.: -0.004 min  
Response: 100460621  
Conc: 44.64 ng/ml



#15 Endosulfan II

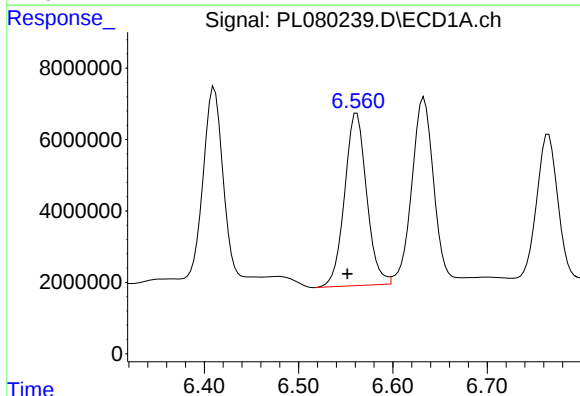
R.T.: 6.633 min  
Delta R.T.: 0.009 min  
Response: 83068233  
Conc: 53.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



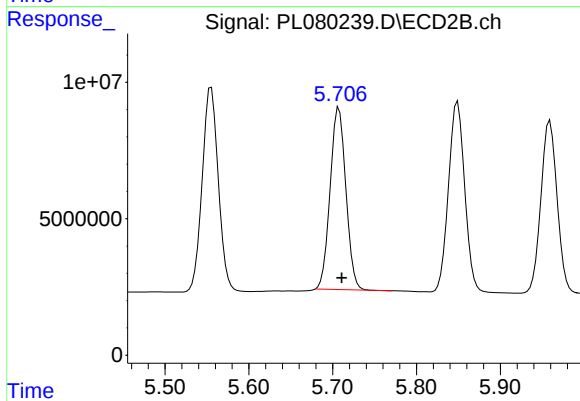
#15 Endosulfan II

R.T.: 5.849 min  
Delta R.T.: -0.003 min  
Response: 94042108  
Conc: 43.31 ng/ml



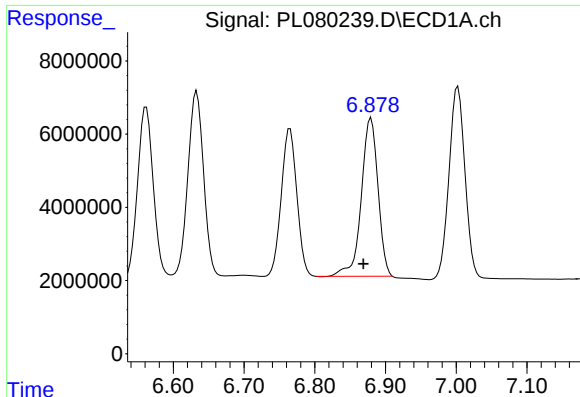
#16 4,4'-DDD

R.T.: 6.562 min  
Delta R.T.: 0.010 min  
Response: 78502776  
Conc: 59.65 ng/ml



#16 4,4'-DDD

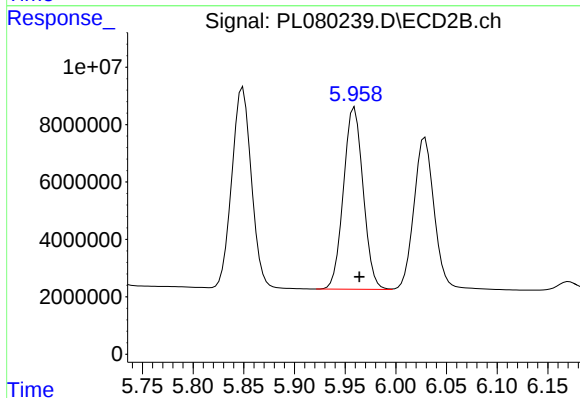
R.T.: 5.708 min  
Delta R.T.: -0.003 min  
Response: 86806460  
Conc: 47.04 ng/ml



#17 4,4'-DDT

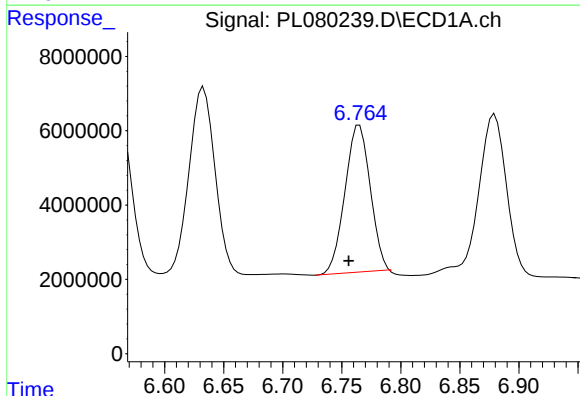
R.T.: 6.880 min  
Delta R.T.: 0.011 min  
Response: 70693554  
Conc: 47.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



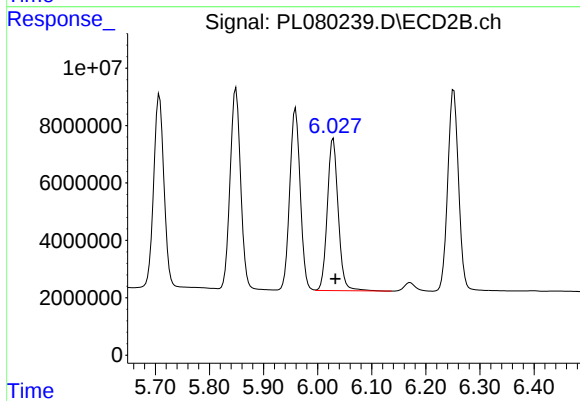
#17 4,4'-DDT

R.T.: 5.959 min  
Delta R.T.: -0.005 min  
Response: 85417698  
Conc: 41.95 ng/ml



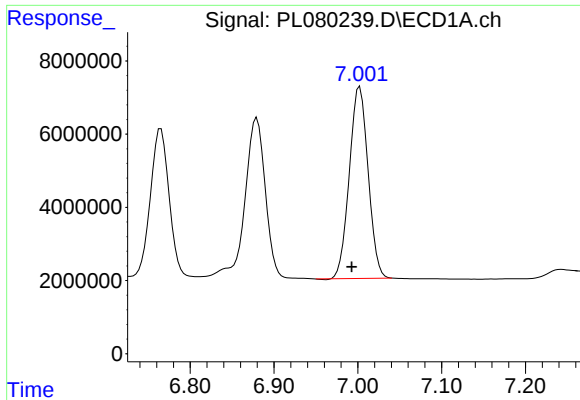
#18 Endrin aldehyde

R.T.: 6.765 min  
Delta R.T.: 0.009 min  
Response: 58815305  
Conc: 48.40 ng/ml



#18 Endrin aldehyde

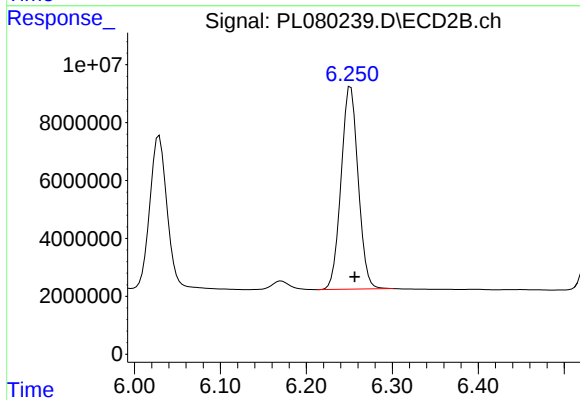
R.T.: 6.029 min  
Delta R.T.: -0.004 min  
Response: 74351833  
Conc: 42.35 ng/ml



#19 Endosulfan Sulfate

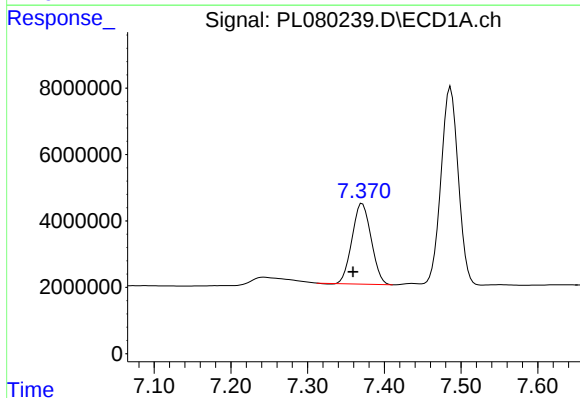
R.T.: 7.002 min  
Delta R.T.: 0.010 min  
Response: 81744635  
Conc: 49.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



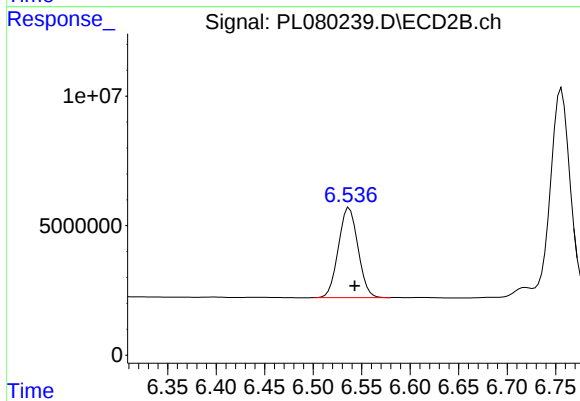
#19 Endosulfan Sulfate

R.T.: 6.252 min  
Delta R.T.: -0.005 min  
Response: 96632079  
Conc: 43.49 ng/ml



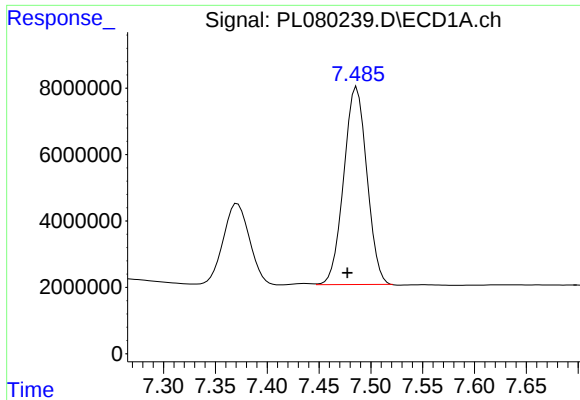
#20 Methoxychlor

R.T.: 7.371 min  
Delta R.T.: 0.012 min  
Response: 42255175  
Conc: 47.52 ng/ml



#20 Methoxychlor

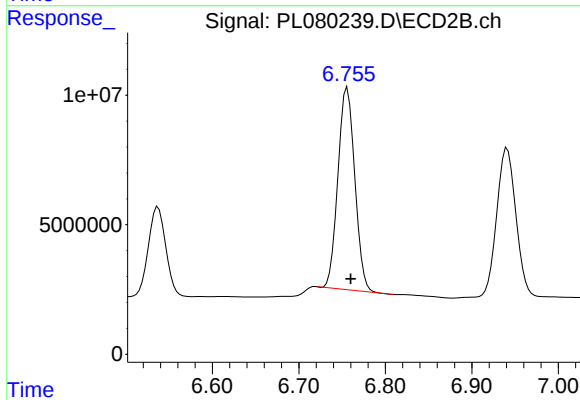
R.T.: 6.537 min  
Delta R.T.: -0.006 min  
Response: 48768705  
Conc: 42.55 ng/ml



#21 Endrin ketone

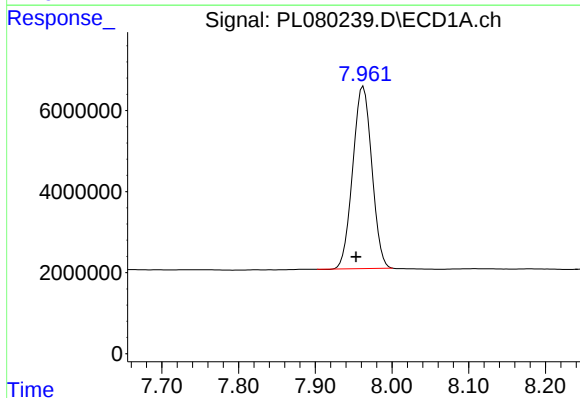
R.T.: 7.486 min  
Delta R.T.: 0.009 min  
Response: 92471544  
Conc: 51.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



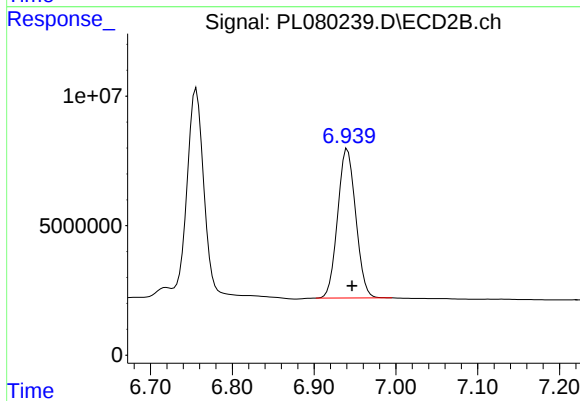
#21 Endrin ketone

R.T.: 6.756 min  
Delta R.T.: -0.004 min  
Response: 104782899  
Conc: 43.00 ng/ml



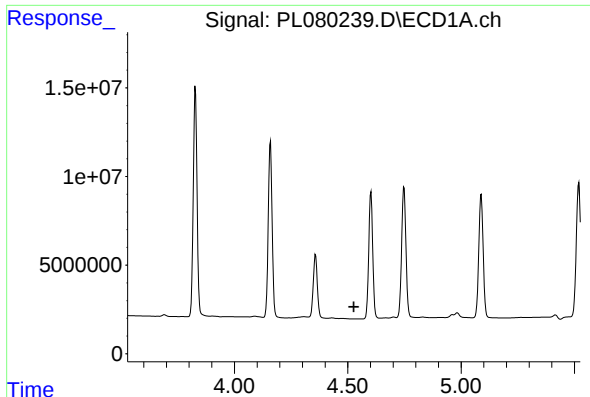
#22 Mirex

R.T.: 7.963 min  
Delta R.T.: 0.010 min  
Response: 78082469  
Conc: 50.36 ng/ml



#22 Mirex

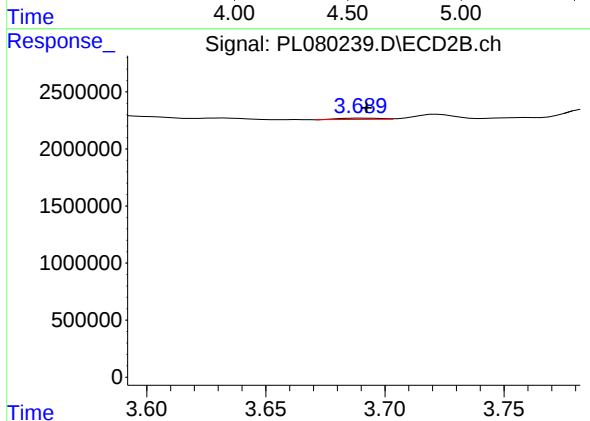
R.T.: 6.941 min  
Delta R.T.: -0.005 min  
Response: 88301055  
Conc: 42.78 ng/ml



#23 Chlordane-1

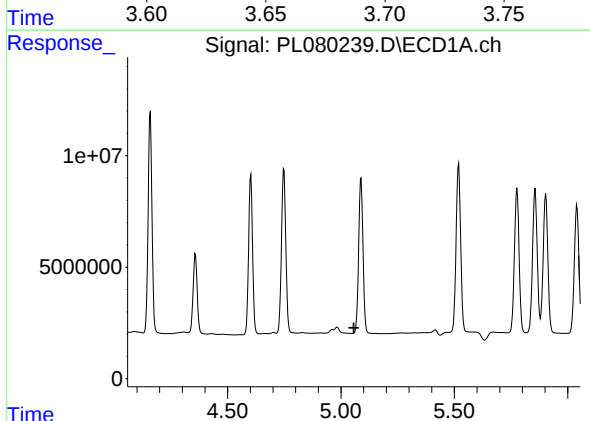
R.T.: 0.000 min  
Exp R.T.: 4.526 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



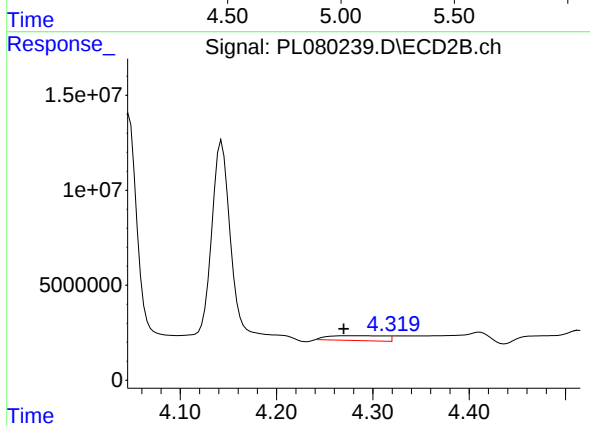
#23 Chlordane-1

R.T.: 3.692 min  
Delta R.T.: 0.000 min  
Response: 132784  
Conc: 1.71 ng/ml



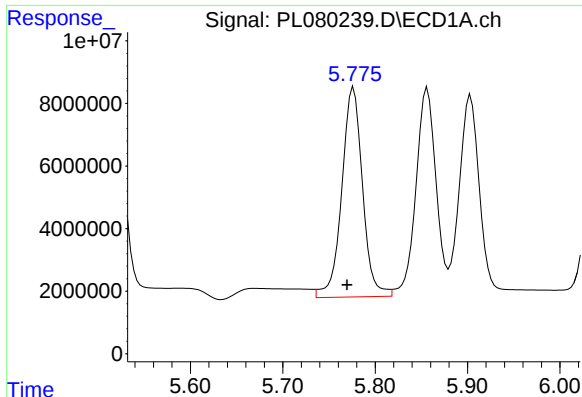
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T.: 5.057 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

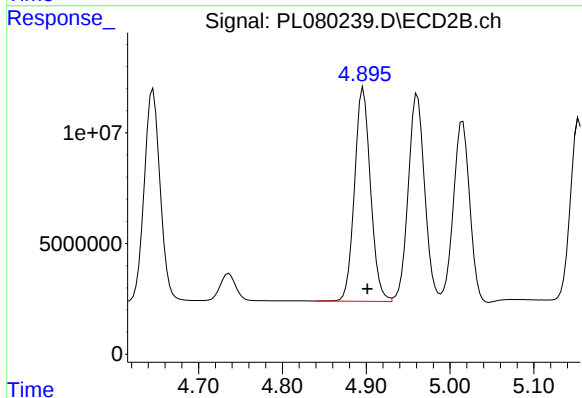
R.T.: 4.276 min  
Delta R.T.: 0.007 min  
Response: 10681279  
Conc: 122.75 ng/ml



#25 Chlordane-3

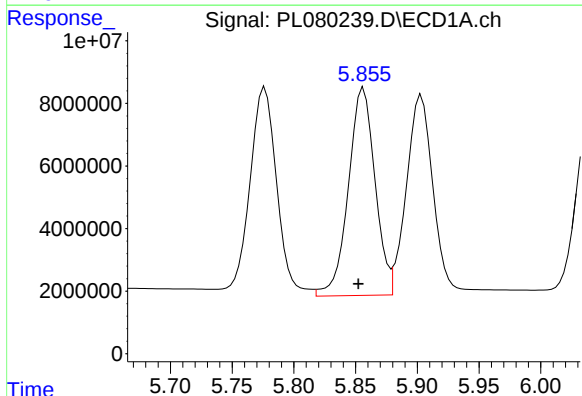
R.T.: 5.777 min  
Delta R.T.: 0.007 min  
Response: 104834092  
Conc: 419.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



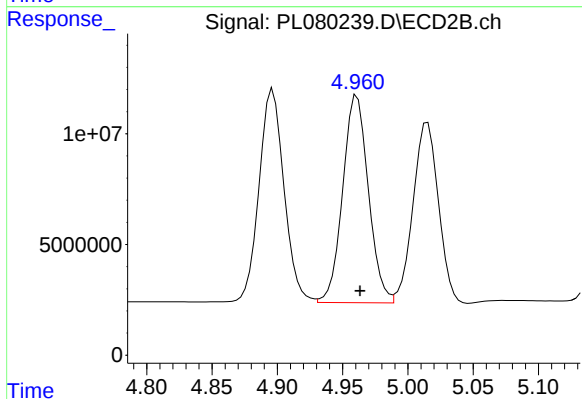
#25 Chlordane-3

R.T.: 4.897 min  
Delta R.T.: -0.005 min  
Response: 128277044  
Conc: 490.35 ng/ml



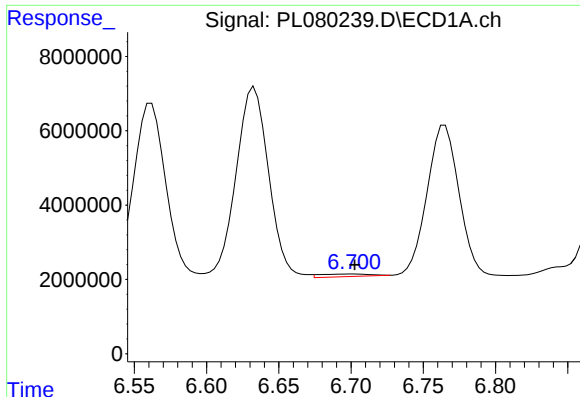
#26 Chlordane-4

R.T.: 5.856 min  
Delta R.T.: 0.004 min  
Response: 99837472  
Conc: 323.18 ng/ml



#26 Chlordane-4

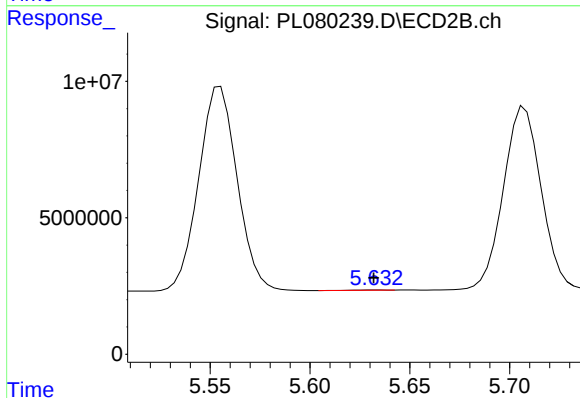
R.T.: 4.961 min  
Delta R.T.: -0.002 min  
Response: 128290309  
Conc: 487.46 ng/ml



#27 Chlordane-5

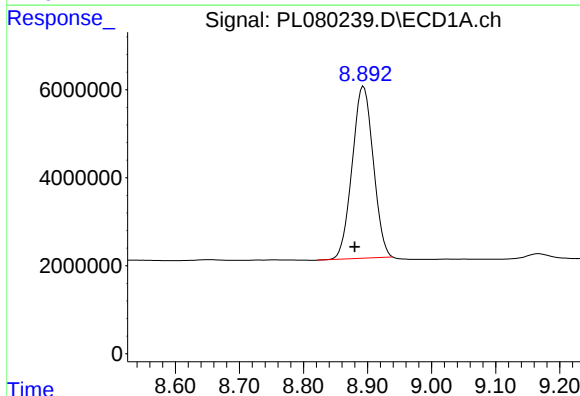
R.T.: 6.701 min  
Delta R.T.: -0.001 min  
Response: 1647393  
Conc: 25.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



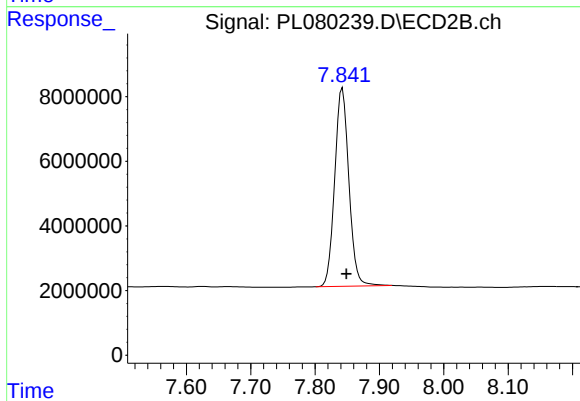
#27 Chlordane-5

R.T.: 5.634 min  
Delta R.T.: 0.002 min  
Response: 80707  
Conc: 1.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.894 min  
Delta R.T.: 0.014 min  
Response: 89194318  
Conc: 51.99 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.843 min  
Delta R.T.: -0.006 min  
Response: 94155183  
Conc: 41.67 ng/ml