

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032620\  
 Data File : PL057574.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Mar 2020 15:07  
 Operator : AJ\MA  
 Sample : L2028-01MSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 27 01:10:33 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031420.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 16 09:40:37 2020  
 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... | 3.458 | 3.956  | 181.8E6 | 42462174 | 19.616   | 19.572     |
| 28)                         | SA Decachlor... | 8.205 | 8.978  | 183.4E6 | 42190033 | 17.333   | 19.027     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.895 | 4.344  | 925.7E6 | 186.4E6  | 58.113   | 58.043     |
| 3)                          | MA gamma-BHC... | 4.178 | 4.626  | 836.5E6 | 181.3E6  | 58.198   | 57.773     |
| 4)                          | MA Heptachlor   | 4.478 | 5.128  | 873.9E6 | 194.6E6  | 58.837   | 61.835     |
| 5)                          | MB Aldrin       | 4.726 | 5.430  | 815.2E6 | 188.4E6  | 59.096   | 61.771     |
| 6)                          | B beta-BHC      | 4.430 | 4.799  | 354.3E6 | 87530466 | 60.264   | 60.686     |
| 7)                          | B delta-BHC     | 4.634 | 5.013  | 802.7E6 | 137.5E6  | 57.192   | 52.746     |
| 8)                          | B Heptachlo...  | 5.169 | 5.814  | 741.9E6 | 165.9E6  | 57.889   | 60.807     |
| 9)                          | A Endosulfan I  | 5.507 | 6.169  | 687.1E6 | 174.4E6  | 57.787   | 61.292     |
| 10)                         | B gamma-Chl...  | 5.396 | 6.047  | 752.0E6 | 187.7E6  | 57.666   | 60.908     |
| 11)                         | B alpha-Chl...  | 5.454 | 6.119  | 727.4E6 | 188.1E6  | 56.290   | 60.425     |
| 12)                         | B 4,4'-DDE      | 5.618 | 6.278  | 732.1E6 | 177.3E6  | 58.781   | 62.365     |
| 13)                         | MA Dieldrin     | 5.751 | 6.424  | 739.5E6 | 182.7E6  | 58.632   | 61.757     |
| 14)                         | MA Endrin       | 6.008 | 6.641  | 644.6E6 | 145.5E6  | 56.393   | 60.311     |
| 15)                         | B Endosulfa...  | 6.281 | 6.851  | 597.7E6 | 145.0E6  | 55.036   | 55.193     |
| 16)                         | A 4,4'-DDD      | 6.134 | 6.767  | 555.3E6 | 136.3E6  | 56.656   | 59.664     |
| 17)                         | MA 4,4'-DDT     | 6.374 | 7.064  | 580.6E6 | 130.4E6  | 58.214   | 57.256     |
| 18)                         | B Endrin al...  | 6.449 | 6.975  | 511.8E6 | 125.7E6  | 55.414   | 56.536     |
| 19)                         | B Endosulfa...  | 6.662 | 7.197  | 580.5E6 | 138.6E6  | 57.802   | 56.841     |
| 20)                         | A Methoxychlor  | 6.919 | 7.523  | 283.4E6 | 71334991 | 52.819   | 54.848     |
| 21)                         | B Endrin ke...  | 7.152 | 7.665  | 635.5E6 | 147.3E6  | 56.222   | 56.914     |
| 22)                         | Mirex           | 7.340 | 8.115  | 455.9E6 | 107.7E6  | 56.295   | 56.401     |
| 23)                         | Chlordane-1     | 4.331 | 0.000  | 1042712 | 0        | 3.213    | N.D. #     |
| 24)                         | Chlordane-2     | 4.830 | 5.430f | 1037147 | 188.4E6  | 2.854    | 1999.619 # |
| 25)                         | Chlordane-3     | 5.396 | 6.047  | 752.0E6 | 187.7E6  | 666.831  | 495.057 #  |
| 26)                         | Chlordane-4     | 5.454 | 6.119  | 727.4E6 | 188.1E6  | 758.783  | 410.935 #  |
| 27)                         | Chlordane-5     | 6.281 | 0.000  | 597.7E6 | 0        | 1642.791 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

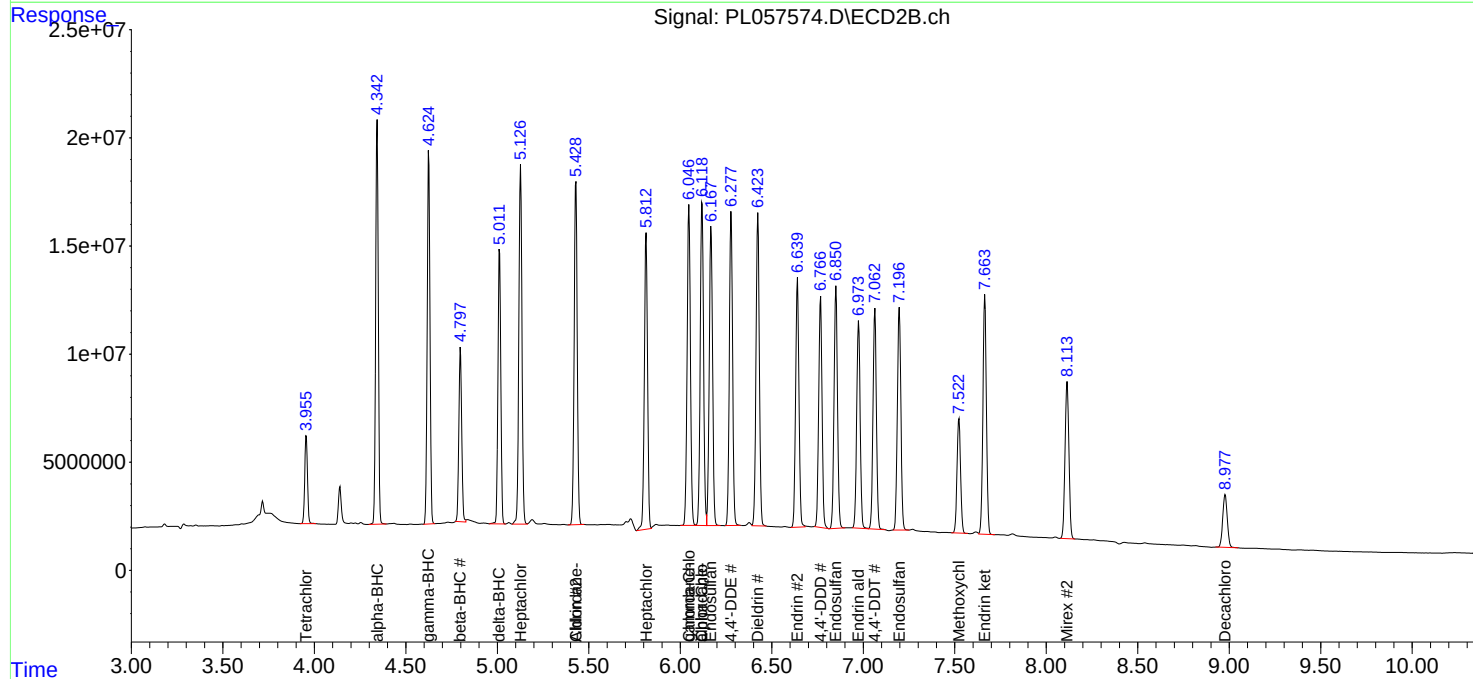
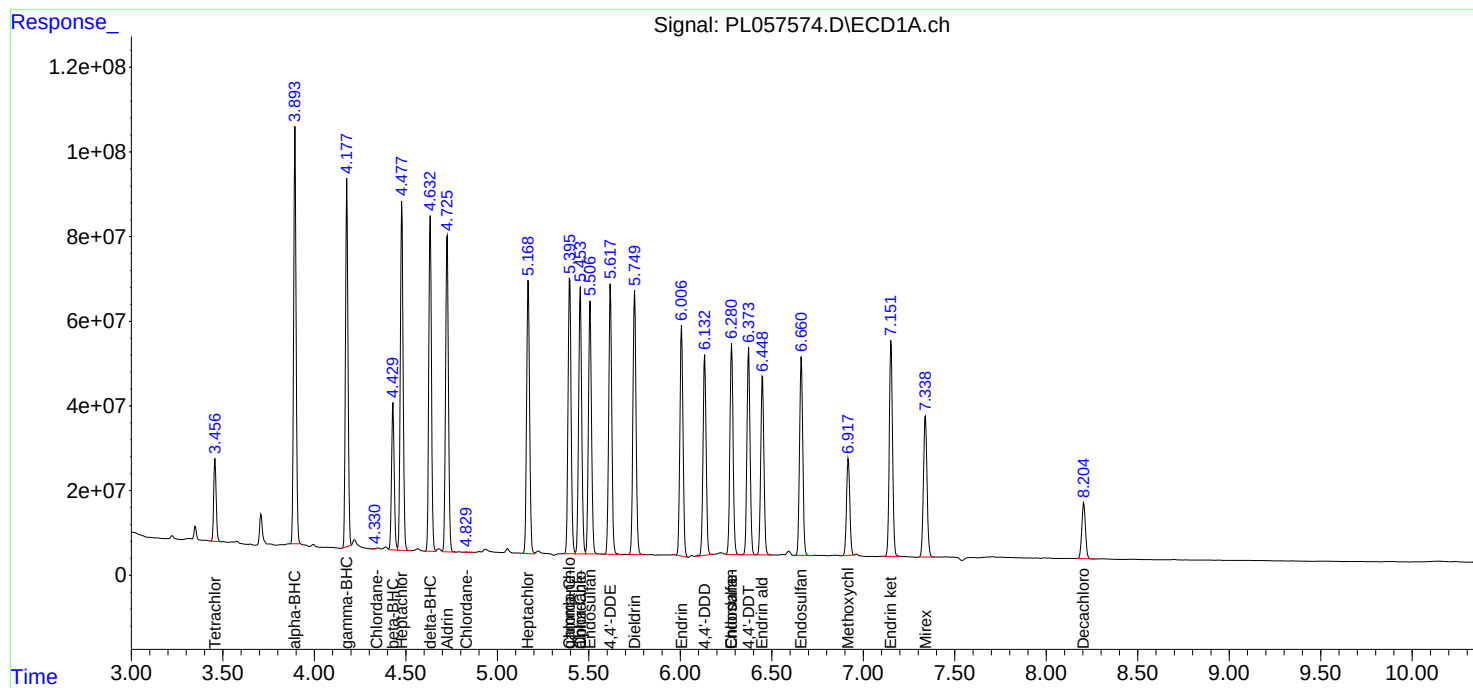
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

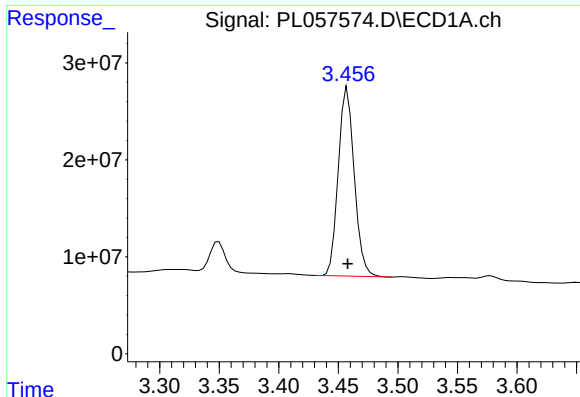
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032620\  
Data File : PL057574.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Mar 2020 15:07  
Operator : AJ\MA  
Sample : L2028-01MSD  
Misc :  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 27 01:10:33 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031420.M  
Quant Title : GC Extractables  
QLast Update : Mon Mar 16 09:40:37 2020  
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

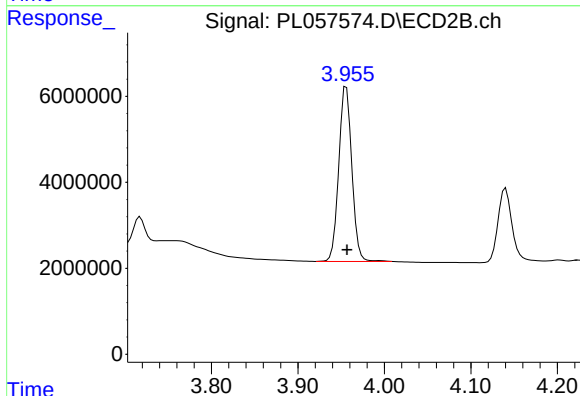




#1 Tetrachloro-m-xylene

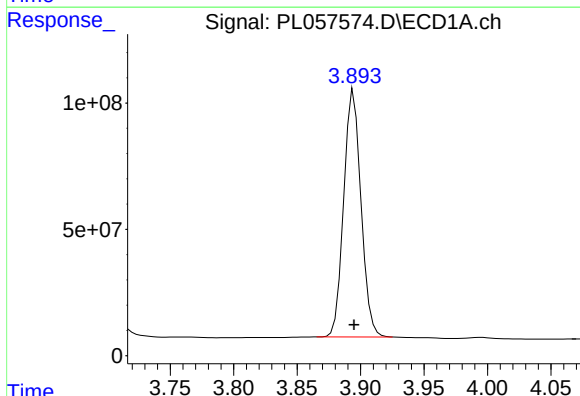
R.T.: 3.458 min  
Delta R.T.: 0.000 min  
Response: 181832435  
Conc: 19.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



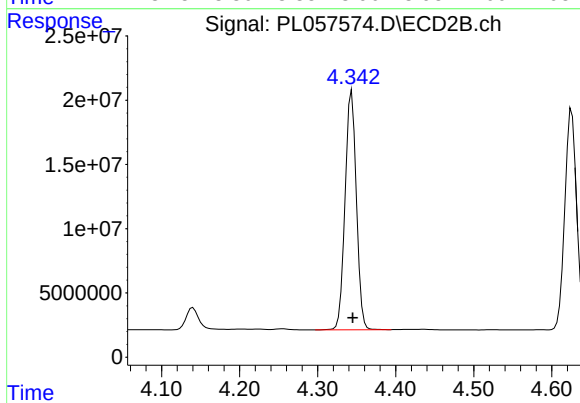
#1 Tetrachloro-m-xylene

R.T.: 3.956 min  
Delta R.T.: 0.000 min  
Response: 42462174  
Conc: 19.57 ng/ml



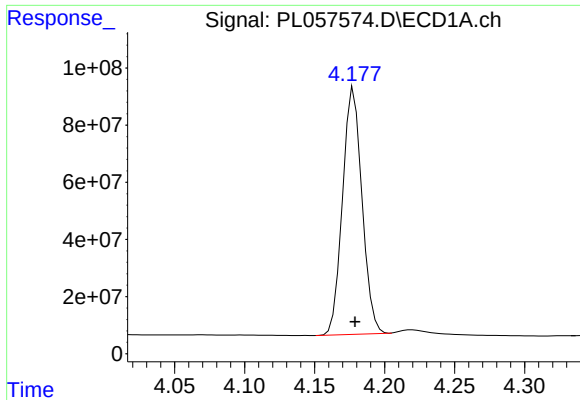
#2 alpha-BHC

R.T.: 3.895 min  
Delta R.T.: 0.000 min  
Response: 925708207  
Conc: 58.11 ng/ml



#2 alpha-BHC

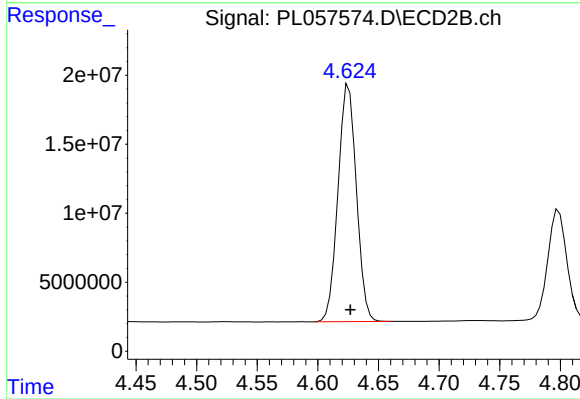
R.T.: 4.344 min  
Delta R.T.: -0.001 min  
Response: 186436654  
Conc: 58.04 ng/ml



#3 gamma-BHC (Lindane)

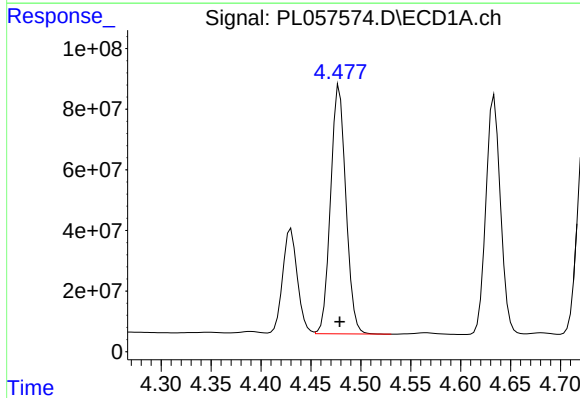
R.T.: 4.178 min  
Delta R.T.: -0.001 min  
Response: 836470833  
Conc: 58.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



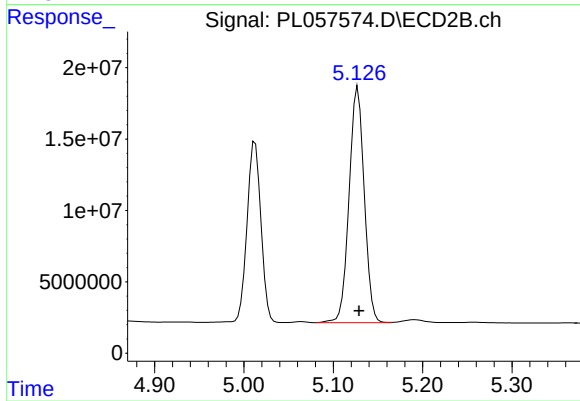
#3 gamma-BHC (Lindane)

R.T.: 4.626 min  
Delta R.T.: -0.001 min  
Response: 181258953  
Conc: 57.77 ng/ml



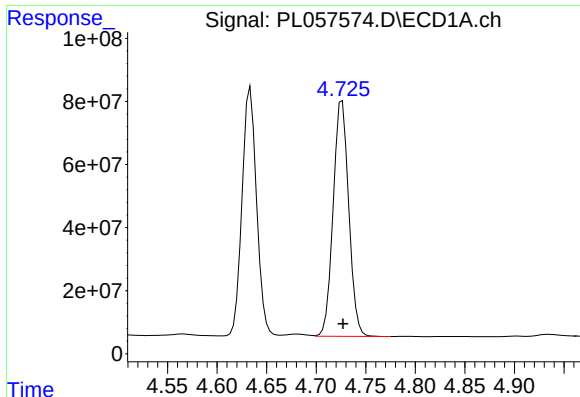
#4 Heptachlor

R.T.: 4.478 min  
Delta R.T.: 0.000 min  
Response: 873856427  
Conc: 58.84 ng/ml



#4 Heptachlor

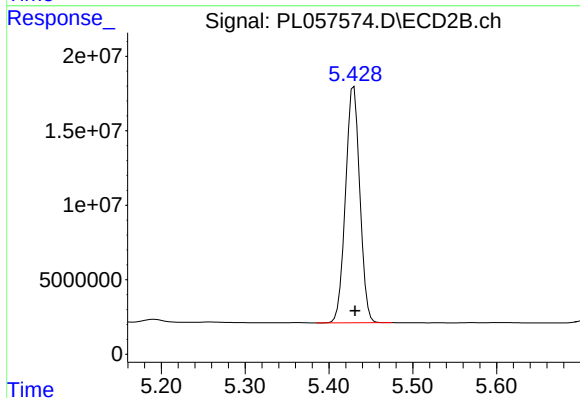
R.T.: 5.128 min  
Delta R.T.: -0.001 min  
Response: 194637767  
Conc: 61.83 ng/ml



#5 Aldrin

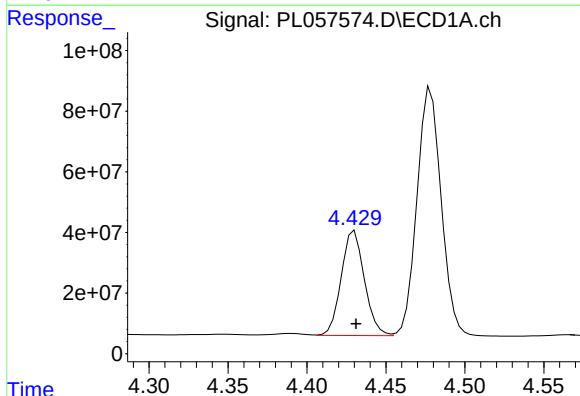
R.T.: 4.726 min  
Delta R.T.: 0.000 min  
Response: 815193157  
Conc: 59.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



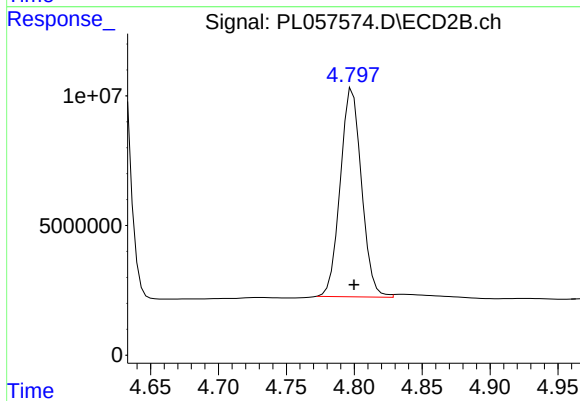
#5 Aldrin

R.T.: 5.430 min  
Delta R.T.: -0.001 min  
Response: 188446413  
Conc: 61.77 ng/ml



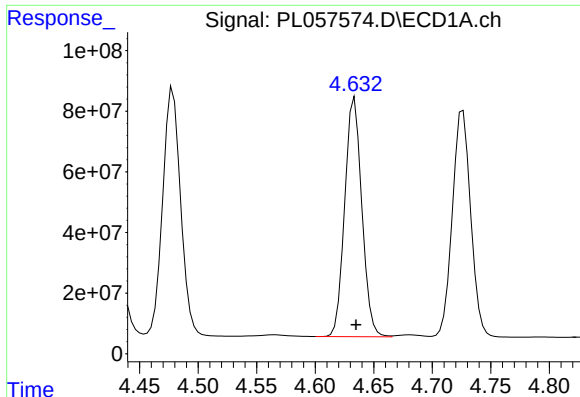
#6 beta-BHC

R.T.: 4.430 min  
Delta R.T.: 0.000 min  
Response: 354299826  
Conc: 60.26 ng/ml



#6 beta-BHC

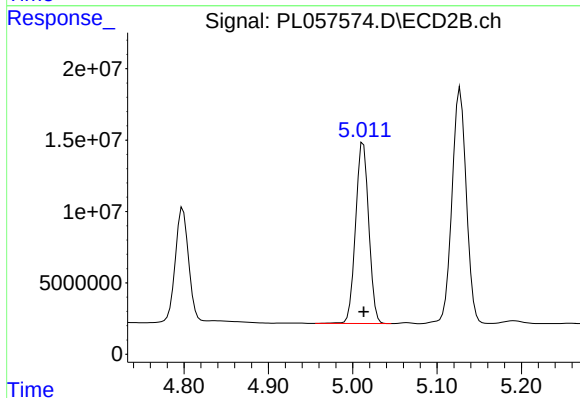
R.T.: 4.799 min  
Delta R.T.: -0.001 min  
Response: 87530466  
Conc: 60.69 ng/ml



#7 delta-BHC

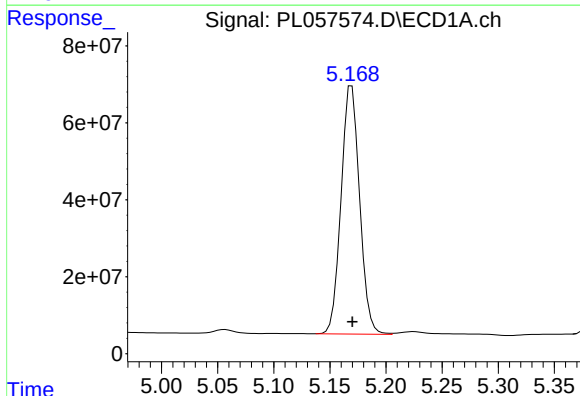
R.T.: 4.634 min  
Delta R.T.: -0.001 min  
Response: 802705661  
Conc: 57.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



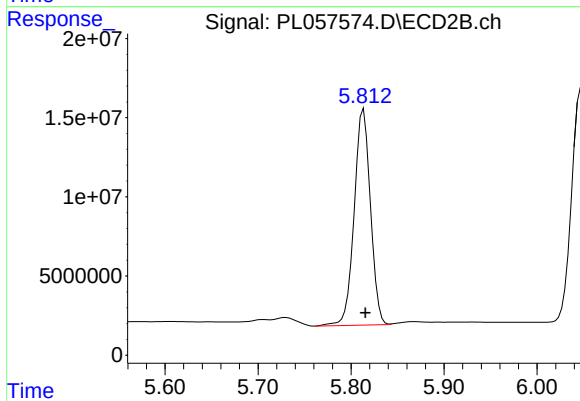
#7 delta-BHC

R.T.: 5.013 min  
Delta R.T.: 0.000 min  
Response: 137497259  
Conc: 52.75 ng/ml



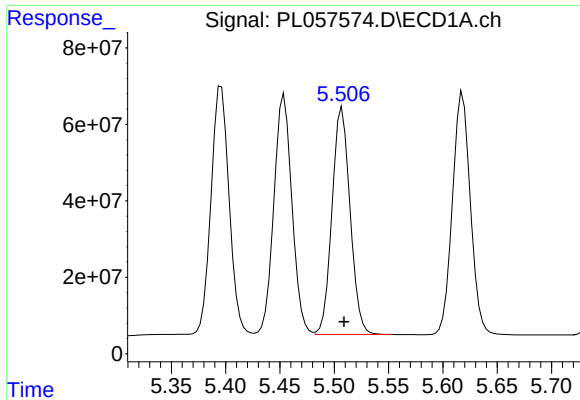
#8 Heptachlor epoxide

R.T.: 5.169 min  
Delta R.T.: 0.000 min  
Response: 741900343  
Conc: 57.89 ng/ml



#8 Heptachlor epoxide

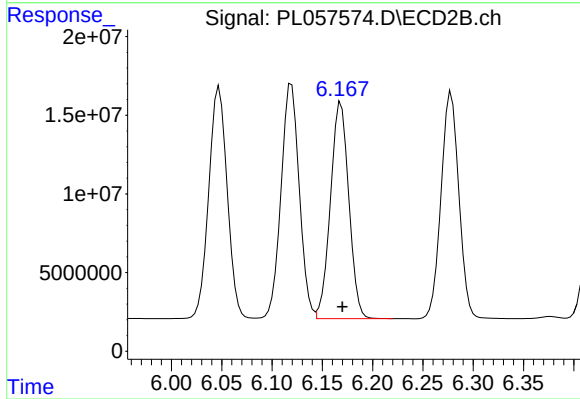
R.T.: 5.814 min  
Delta R.T.: -0.002 min  
Response: 165921752  
Conc: 60.81 ng/ml



#9 Endosulfan I

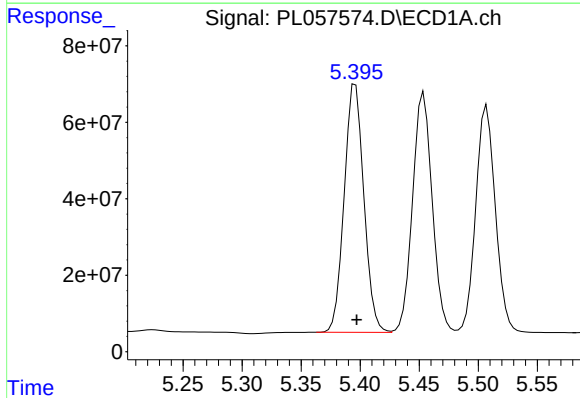
R.T.: 5.507 min  
Delta R.T.: -0.002 min  
Response: 687076721  
Conc: 57.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



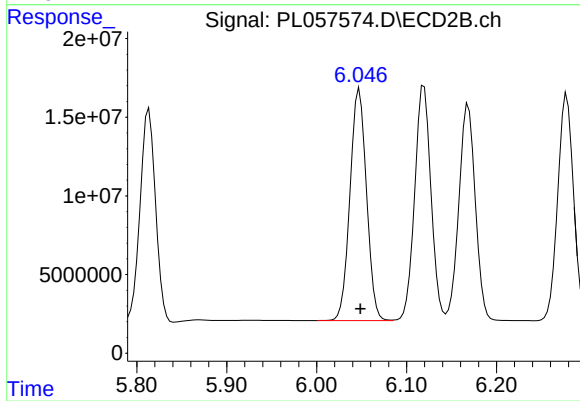
#9 Endosulfan I

R.T.: 6.169 min  
Delta R.T.: -0.001 min  
Response: 174395280  
Conc: 61.29 ng/ml



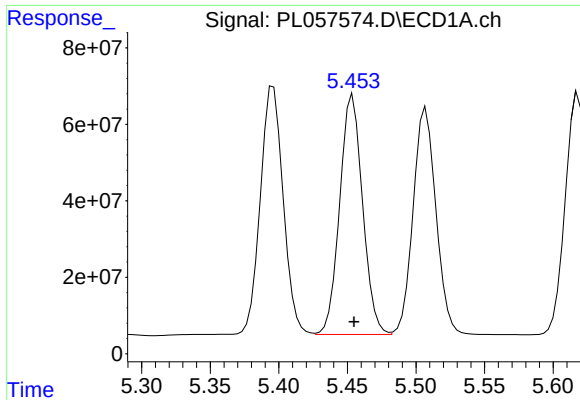
#10 gamma-Chlordane

R.T.: 5.396 min  
Delta R.T.: 0.000 min  
Response: 751971964  
Conc: 57.67 ng/ml



#10 gamma-Chlordane

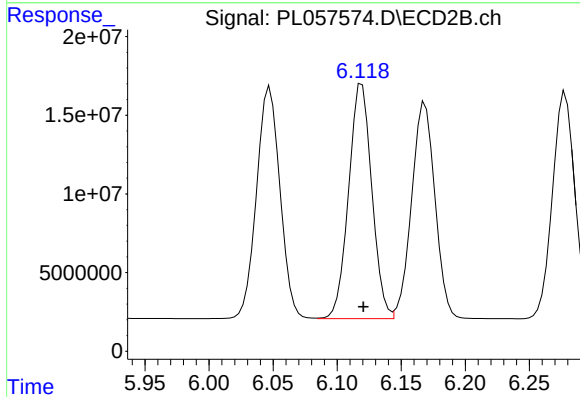
R.T.: 6.047 min  
Delta R.T.: -0.001 min  
Response: 187725186  
Conc: 60.91 ng/ml



#11 alpha-Chlordane

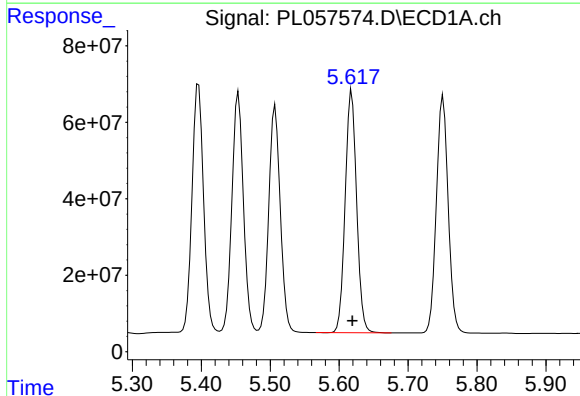
R.T.: 5.454 min  
Delta R.T.: -0.001 min  
Response: 727422625  
Conc: 56.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



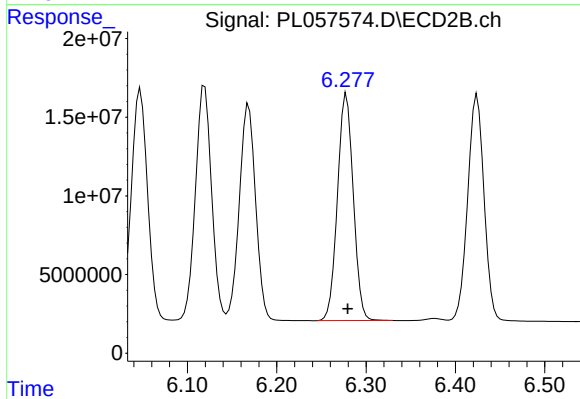
#11 alpha-Chlordane

R.T.: 6.119 min  
Delta R.T.: -0.001 min  
Response: 188082963  
Conc: 60.43 ng/ml



#12 4,4'-DDE

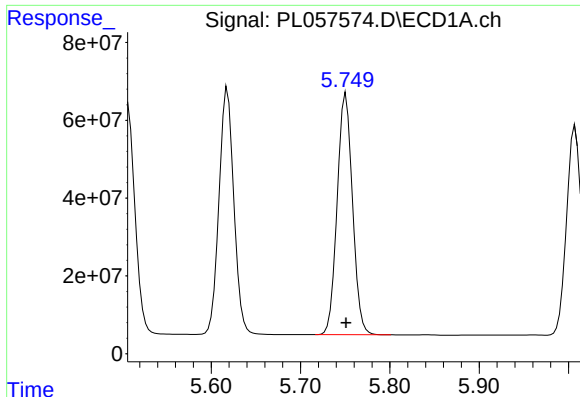
R.T.: 5.618 min  
Delta R.T.: 0.000 min  
Response: 732148136  
Conc: 58.78 ng/ml



#12 4,4'-DDE

R.T.: 6.278 min  
Delta R.T.: -0.001 min  
Response: 177268219  
Conc: 62.36 ng/ml

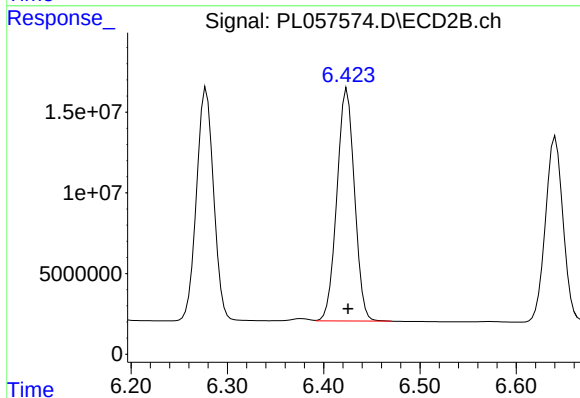




#13 Dieldrin

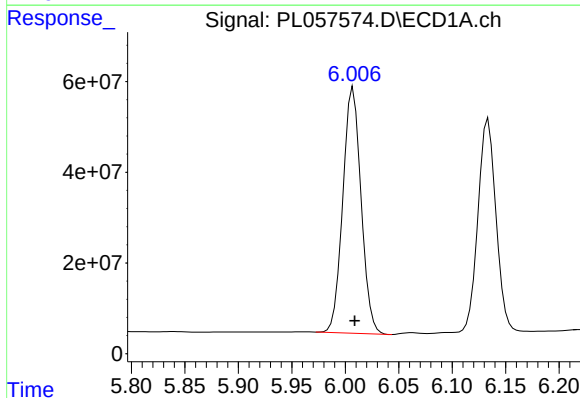
R.T.: 5.751 min  
Delta R.T.: 0.000 min  
Response: 739505787  
Conc: 58.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



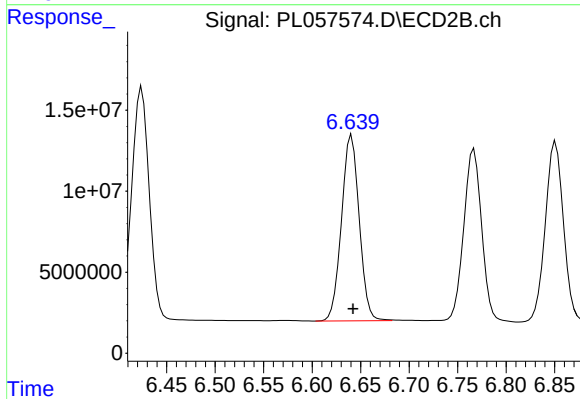
#13 Dieldrin

R.T.: 6.424 min  
Delta R.T.: 0.000 min  
Response: 182676272  
Conc: 61.76 ng/ml



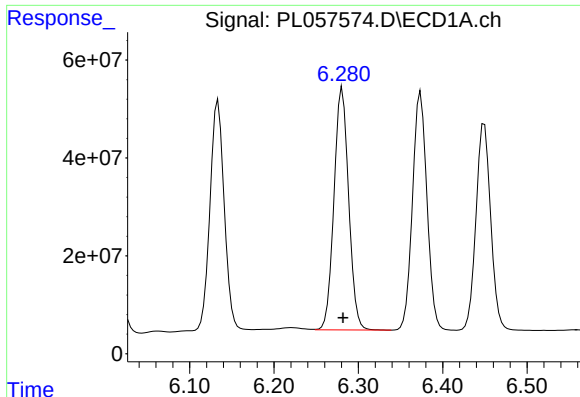
#14 Endrin

R.T.: 6.008 min  
Delta R.T.: -0.001 min  
Response: 644647827  
Conc: 56.39 ng/ml



#14 Endrin

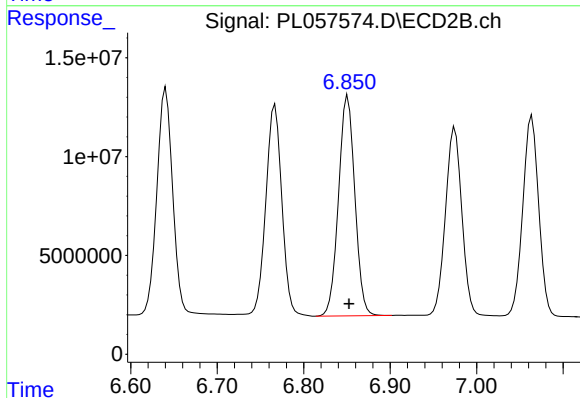
R.T.: 6.641 min  
Delta R.T.: -0.001 min  
Response: 145516604  
Conc: 60.31 ng/ml



#15 Endosulfan II

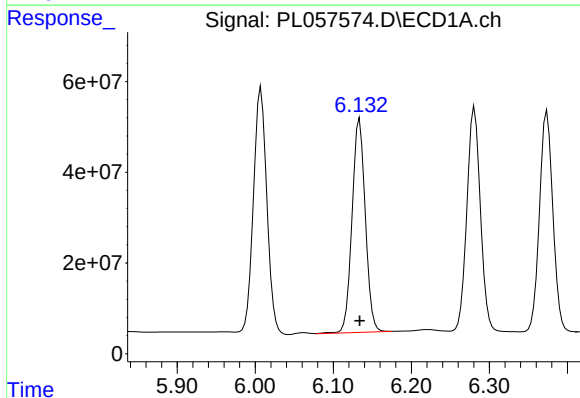
R.T.: 6.281 min  
Delta R.T.: 0.000 min  
Response: 597742215  
Conc: 55.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



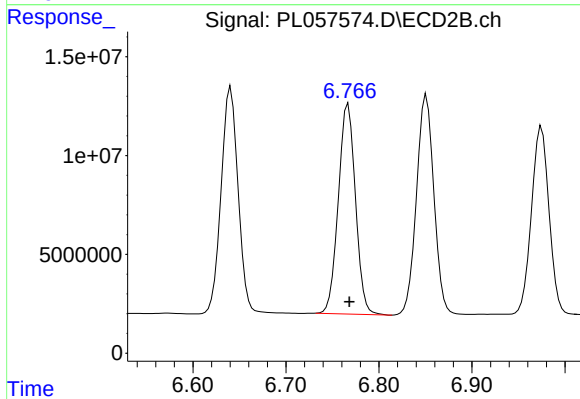
#15 Endosulfan II

R.T.: 6.851 min  
Delta R.T.: -0.001 min  
Response: 144983372  
Conc: 55.19 ng/ml



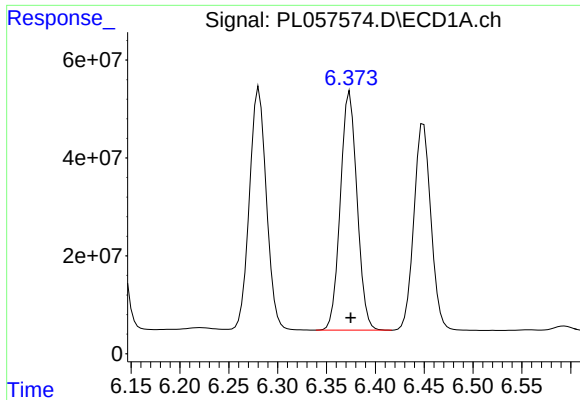
#16 4,4'-DDD

R.T.: 6.134 min  
Delta R.T.: 0.000 min  
Response: 555307082  
Conc: 56.66 ng/ml



#16 4,4'-DDD

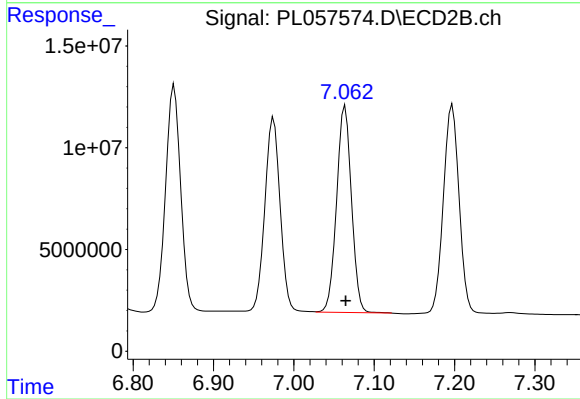
R.T.: 6.767 min  
Delta R.T.: -0.001 min  
Response: 136256853  
Conc: 59.66 ng/ml



#17 4,4'-DDT

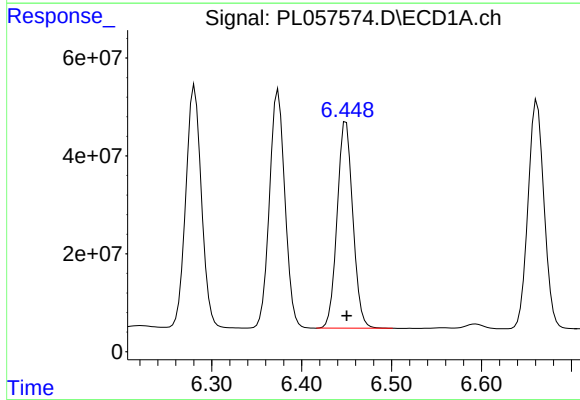
R.T.: 6.374 min  
Delta R.T.: -0.001 min  
Response: 580552911  
Conc: 58.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



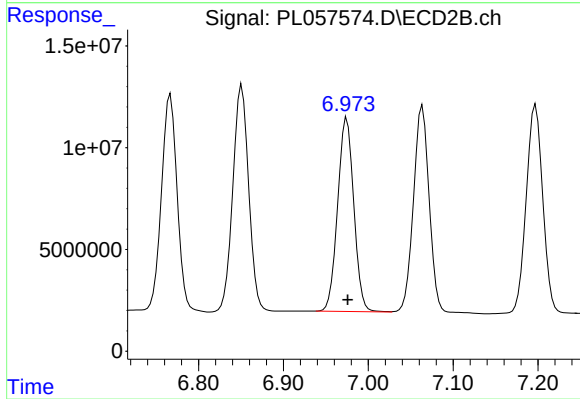
#17 4,4'-DDT

R.T.: 7.064 min  
Delta R.T.: 0.000 min  
Response: 130410121  
Conc: 57.26 ng/ml



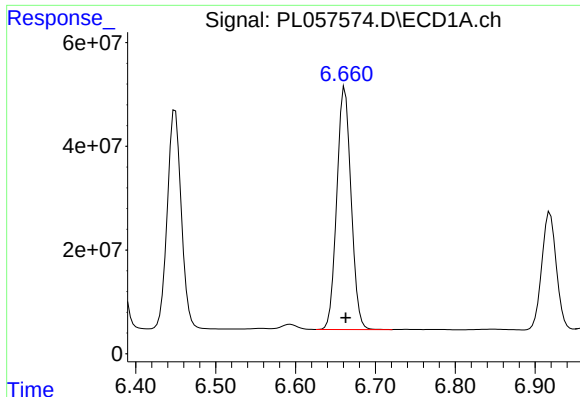
#18 Endrin aldehyde

R.T.: 6.449 min  
Delta R.T.: 0.000 min  
Response: 511763260  
Conc: 55.41 ng/ml



#18 Endrin aldehyde

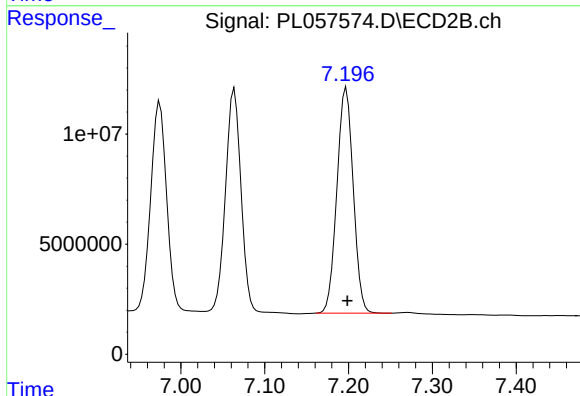
R.T.: 6.975 min  
Delta R.T.: 0.000 min  
Response: 125682573  
Conc: 56.54 ng/ml



#19 Endosulfan Sulfate

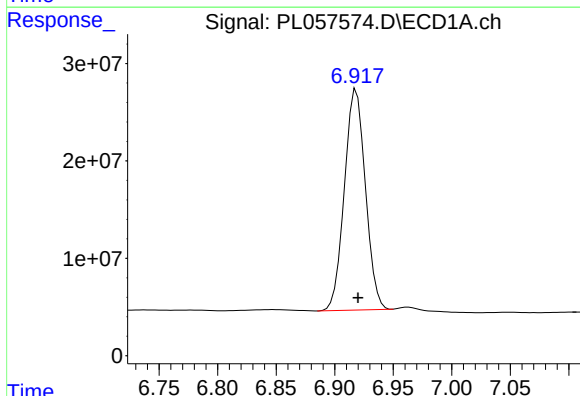
R.T.: 6.662 min  
Delta R.T.: -0.001 min  
Response: 580479964  
Conc: 57.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



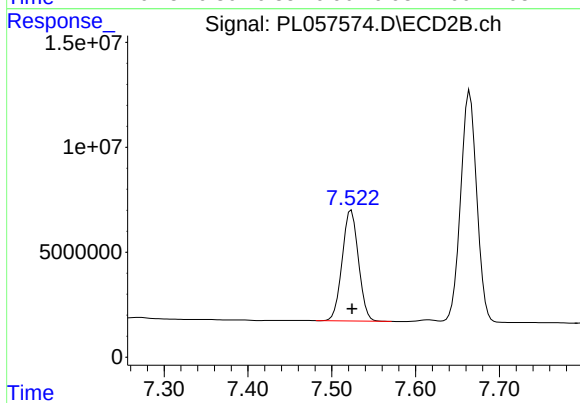
#19 Endosulfan Sulfate

R.T.: 7.197 min  
Delta R.T.: -0.002 min  
Response: 138639129  
Conc: 56.84 ng/ml



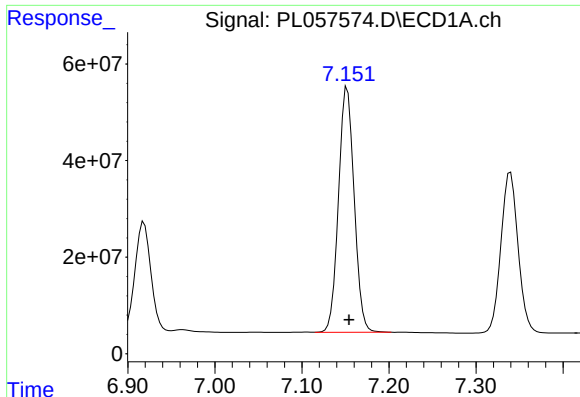
#20 Methoxychlor

R.T.: 6.919 min  
Delta R.T.: -0.001 min  
Response: 283417200  
Conc: 52.82 ng/ml



#20 Methoxychlor

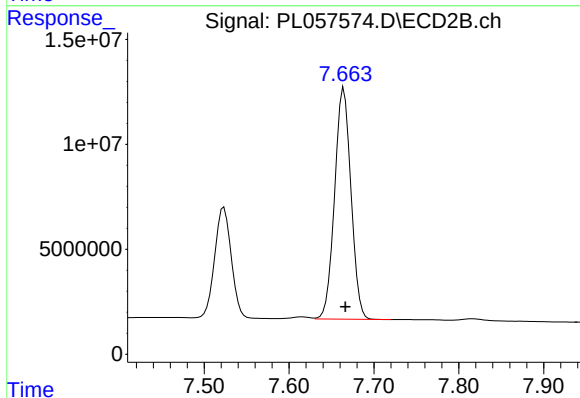
R.T.: 7.523 min  
Delta R.T.: 0.000 min  
Response: 71334991  
Conc: 54.85 ng/ml



#21 Endrin ketone

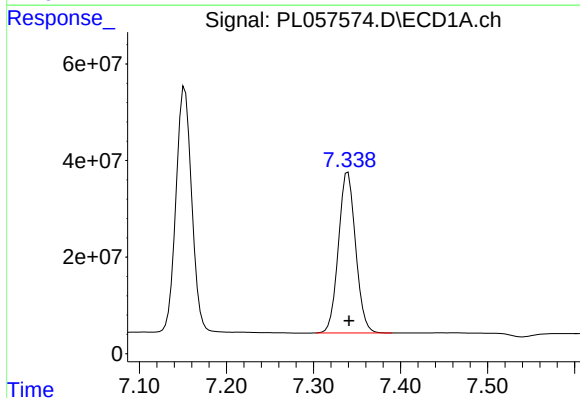
R.T.: 7.152 min  
Delta R.T.: -0.002 min  
Response: 635458439  
Conc: 56.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



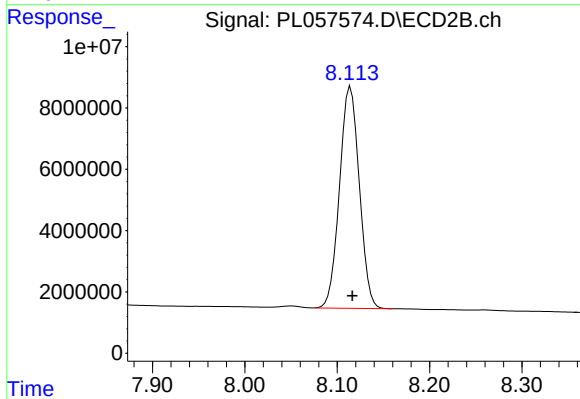
#21 Endrin ketone

R.T.: 7.665 min  
Delta R.T.: -0.002 min  
Response: 147327678  
Conc: 56.91 ng/ml



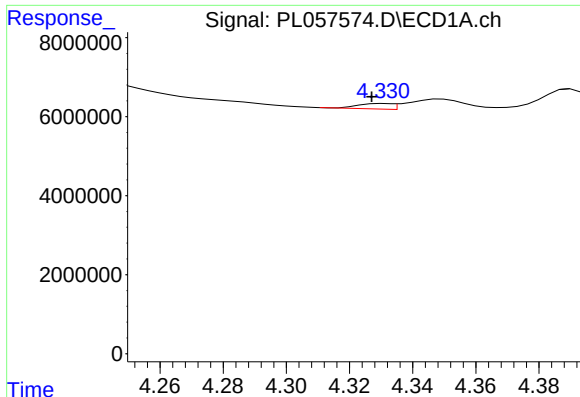
#22 Mirex

R.T.: 7.340 min  
Delta R.T.: -0.001 min  
Response: 455947274  
Conc: 56.29 ng/ml



#22 Mirex

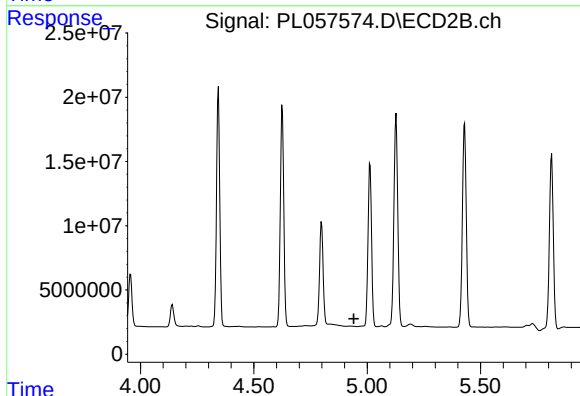
R.T.: 8.115 min  
Delta R.T.: -0.002 min  
Response: 107699637  
Conc: 56.40 ng/ml



#23 Chlordane-1

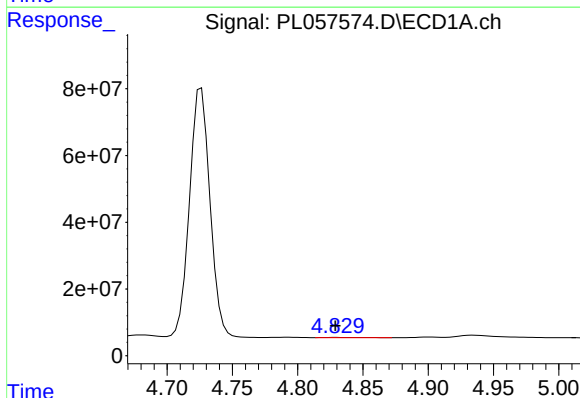
R.T.: 4.331 min  
Delta R.T.: 0.004 min  
Response: 1042712  
Conc: 3.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



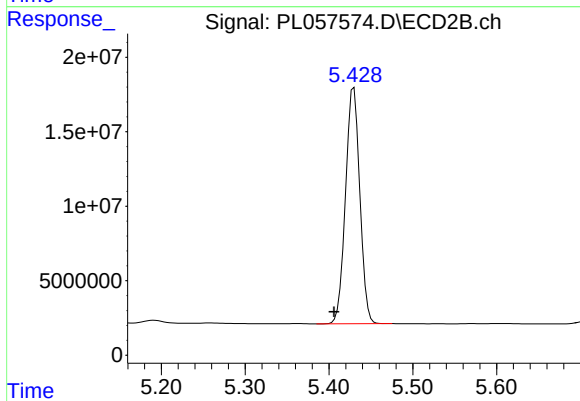
#23 Chlordane-1

R.T.: 0.000 min  
Exp R.T. : 4.941 min  
Response: 0  
Conc: N.D.



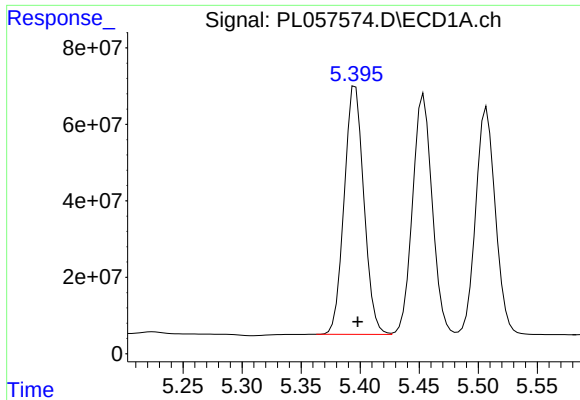
#24 Chlordane-2

R.T.: 4.830 min  
Delta R.T.: 0.000 min  
Response: 1037147  
Conc: 2.85 ng/ml



#24 Chlordane-2

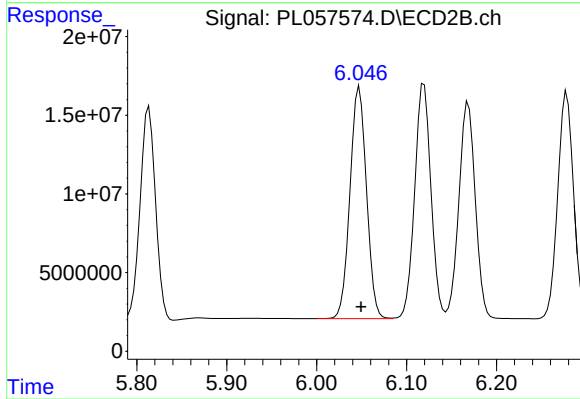
R.T.: 5.430 min  
Delta R.T.: 0.024 min  
Response: 188446413  
Conc: 1999.62 ng/ml



#25 Chlordane-3

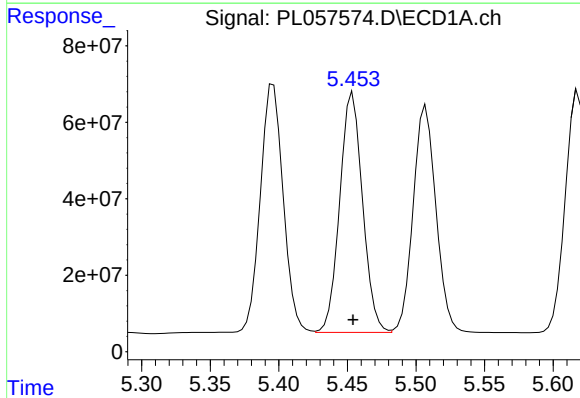
R.T.: 5.396 min  
Delta R.T.: -0.002 min  
Response: 751971964  
Conc: 666.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



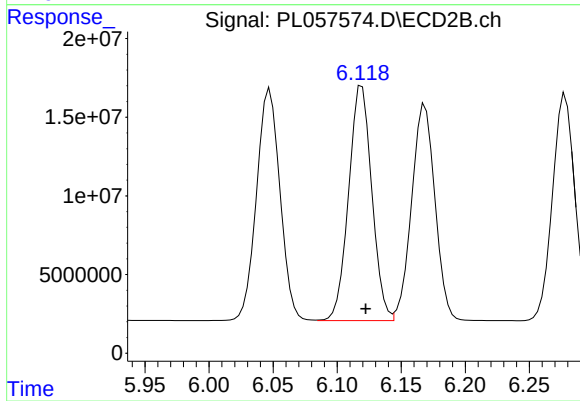
#25 Chlordane-3

R.T.: 6.047 min  
Delta R.T.: -0.002 min  
Response: 187725186  
Conc: 495.06 ng/ml



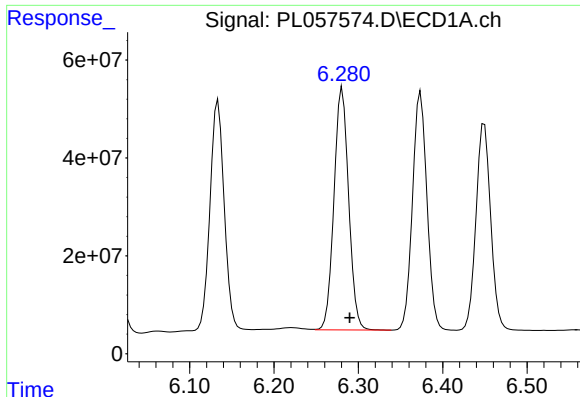
#26 Chlordane-4

R.T.: 5.454 min  
Delta R.T.: 0.000 min  
Response: 727422625  
Conc: 758.78 ng/ml



#26 Chlordane-4

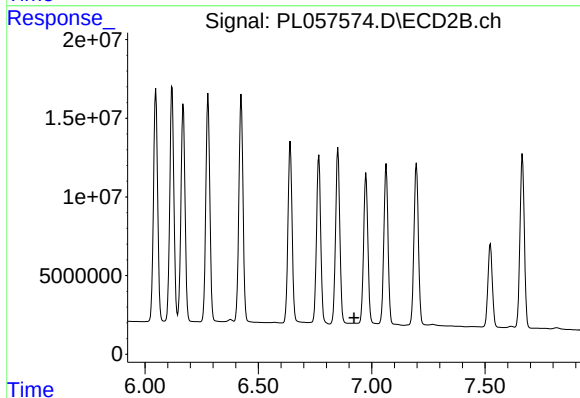
R.T.: 6.119 min  
Delta R.T.: -0.003 min  
Response: 188082963  
Conc: 410.93 ng/ml



#27 Chlordane-5

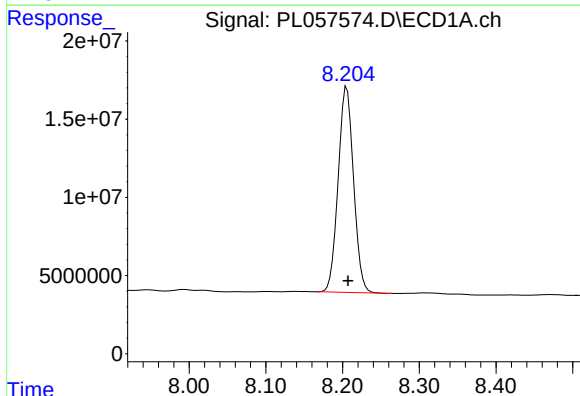
R.T.: 6.281 min  
Delta R.T.: -0.009 min  
Response: 597742215  
Conc: 1642.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



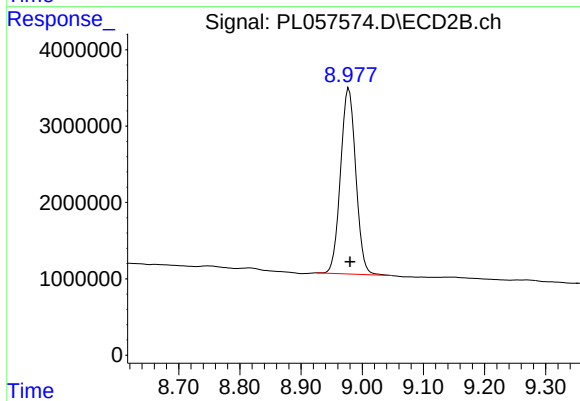
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.922 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.205 min  
Delta R.T.: -0.002 min  
Response: 183400586  
Conc: 17.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.978 min  
Delta R.T.: -0.002 min  
Response: 42190033  
Conc: 19.03 ng/ml