

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042423\  
 Data File : PL082289.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Apr 2023 13:33  
 Operator : AR\AJ  
 Sample : PB152322BS  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 24 22:31:46 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Apr 21 03:12:31 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... | 3.325  | 2.648  | 57393866 | 48267385 | 21.486   | 20.834     |
| 28)                         | SA Decachlor... | 8.747  | 7.762  | 48426352 | 52172348 | 25.366   | 22.858     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.775  | 3.147  | 184.0E6  | 151.1E6  | 46.232   | 44.408     |
| 3)                          | MA gamma-BHC... | 4.104  | 3.474  | 171.8E6  | 142.4E6  | 45.937   | 44.291     |
| 4)                          | MA Heptachlor   | 4.682  | 3.806  | 167.8E6  | 149.1E6  | 45.919   | 43.568     |
| 5)                          | MB Aldrin       | 5.019  | 4.083  | 160.6E6  | 144.3E6  | 48.716   | 45.823     |
| 6)                          | B beta-BHC      | 4.306  | 3.774  | 73537229 | 58184524 | 43.118   | 42.645     |
| 7)                          | B delta-BHC     | 4.548  | 4.000  | 170.2E6  | 138.3E6  | 47.305   | 45.088     |
| 8)                          | B Heptachlo...  | 5.446  | 4.585  | 142.5E6  | 130.6E6  | 46.706   | 45.346     |
| 9)                          | A Endosulfan I  | 5.826  | 4.952  | 130.6E6  | 119.8E6  | 47.100   | 44.871     |
| 10)                         | B gamma-Chl...  | 5.700  | 4.834  | 146.4E6  | 131.7E6  | 48.697   | 45.393     |
| 11)                         | B alpha-Chl...  | 5.778  | 4.897  | 142.3E6  | 130.9E6  | 47.692   | 45.085     |
| 12)                         | B 4,4'-DDE      | 5.956  | 5.088  | 124.6E6  | 109.0E6  | 49.020   | 47.397     |
| 13)                         | MA Dieldrin     | 6.101  | 5.217  | 137.1E6  | 126.7E6  | 49.695   | 46.923     |
| 14)                         | MA Endrin       | 6.329  | 5.491  | 117.7E6  | 112.7E6  | 48.525   | 46.092     |
| 15)                         | B Endosulfa...  | 6.550  | 5.788  | 116.8E6  | 110.3E6  | 47.992   | 48.941     |
| 16)                         | A 4,4'-DDD      | 6.472  | 5.642  | 101.6E6  | 89283831 | 50.125   | 47.735     |
| 17)                         | MA 4,4'-DDT     | 6.784  | 5.891  | 104.5E6  | 96024795 | 45.669   | 45.454     |
| 18)                         | B Endrin al...  | 6.681  | 5.968  | 97037247 | 91294376 | 51.501   | 48.785     |
| 19)                         | B Endosulfa...  | 6.915  | 6.191  | 115.7E6  | 110.0E6  | 48.777   | 46.716     |
| 20)                         | A Methoxychlor  | 7.264  | 6.470  | 57365381 | 55165480 | 47.008   | 45.522     |
| 21)                         | B Endrin ke...  | 7.394  | 6.696  | 119.0E6  | 121.6E6  | 49.700   | 47.896     |
| 22)                         | Mirex           | 7.858  | 6.868  | 92925896 | 103.4E6  | 47.500   | 44.867     |
| 23)                         | Chlordane-1     | 0.000  | 3.635  | 0        | 84580    | N.D.     | 0.954 #    |
| 24)                         | Chlordane-2     | 5.019f | 4.223f | 160.6E6  | 1455303  | 1349.357 | 12.977 #   |
| 25)                         | Chlordane-3     | 5.700  | 4.834  | 146.4E6  | 131.7E6  | 339.183  | 463.636 #  |
| 26)                         | Chlordane-4     | 5.778  | 4.897  | 142.3E6  | 130.9E6  | 273.780  | 438.581 #  |
| 27)                         | Chlordane-5     | 0.000  | 5.788  | 0        | 110.3E6  | N.D.     | 1117.570 # |
| -----                       |                 |        |        |          |          |          |            |

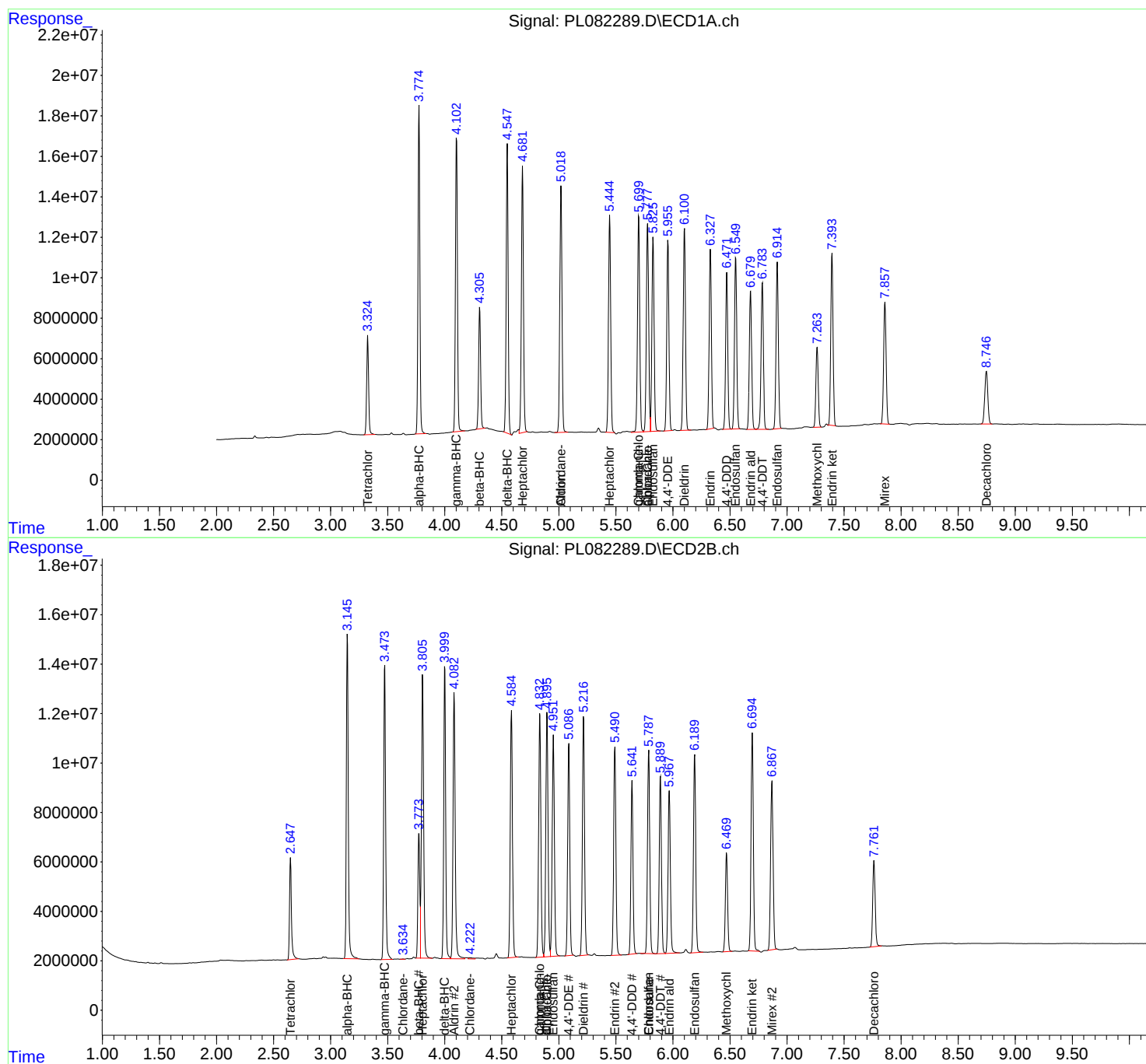
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

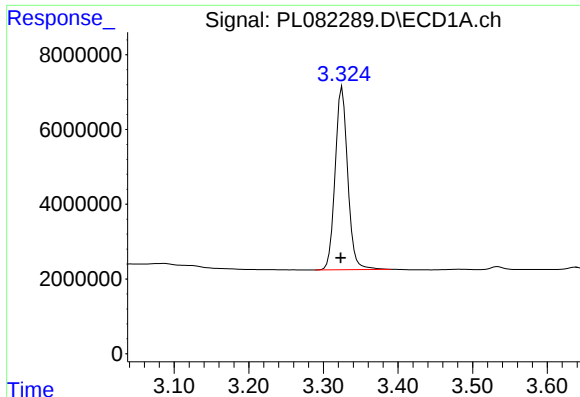
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042423\  
Data File : PL082289.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Apr 2023 13:33  
Operator : AR\AJ  
Sample : PB152322BS  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 24 22:31:46 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042023.M  
Quant Title : GC Extractables  
QLast Update : Fri Apr 21 03:12:31 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

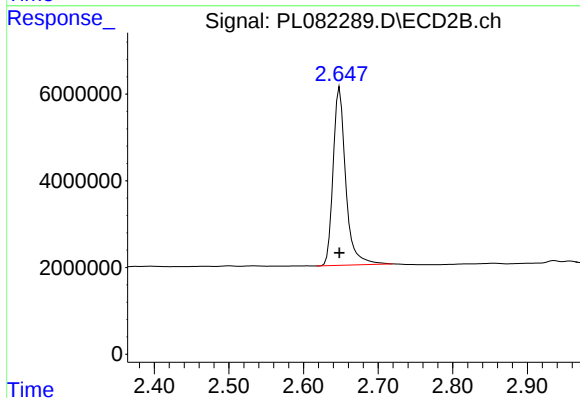




#1 Tetrachloro-m-xylene

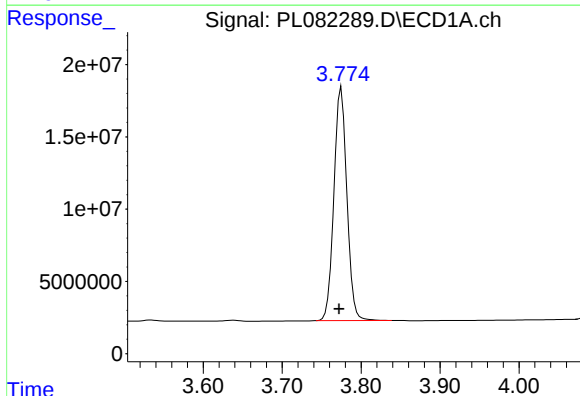
R.T.: 3.325 min  
Delta R.T.: 0.002 min  
Response: 57393866  
Conc: 21.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



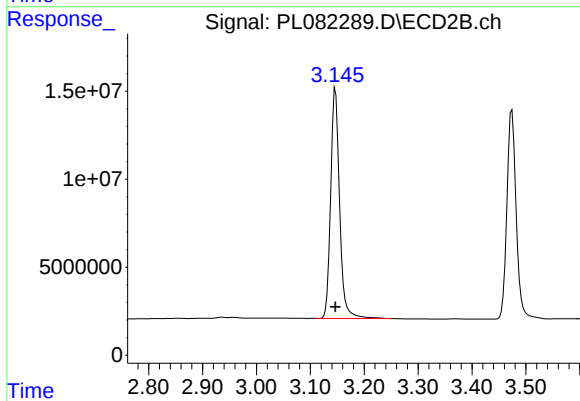
#1 Tetrachloro-m-xylene

R.T.: 2.648 min  
Delta R.T.: 0.000 min  
Response: 48267385  
Conc: 20.83 ng/ml



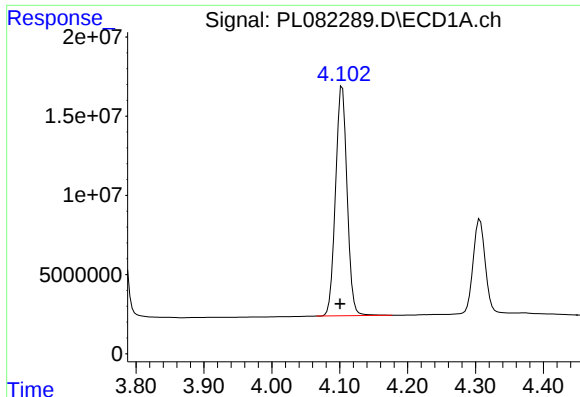
#2 alpha-BHC

R.T.: 3.775 min  
Delta R.T.: 0.003 min  
Response: 184015862  
Conc: 46.23 ng/ml



#2 alpha-BHC

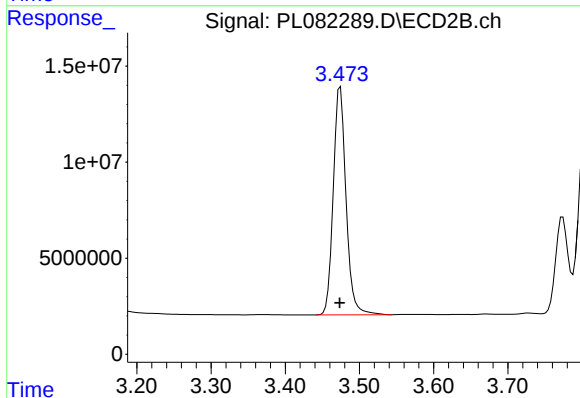
R.T.: 3.147 min  
Delta R.T.: 0.000 min  
Response: 151141140  
Conc: 44.41 ng/ml



#3 gamma-BHC (Lindane)

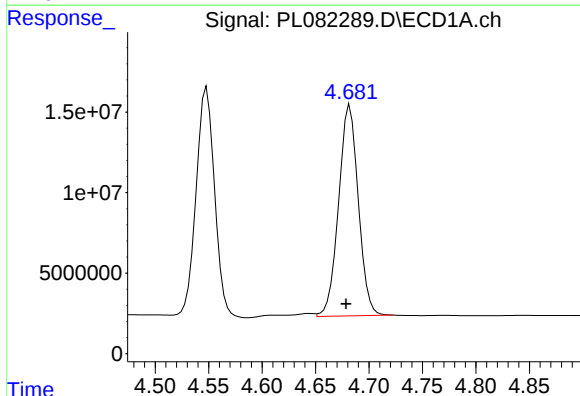
R.T.: 4.104 min  
Delta R.T.: 0.003 min  
Response: 171753879  
Conc: 45.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



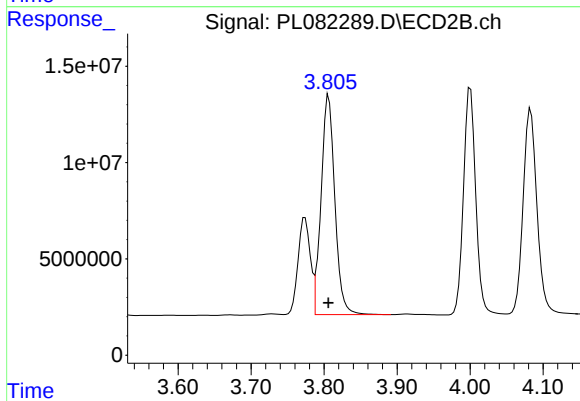
#3 gamma-BHC (Lindane)

R.T.: 3.474 min  
Delta R.T.: 0.000 min  
Response: 142406734  
Conc: 44.29 ng/ml



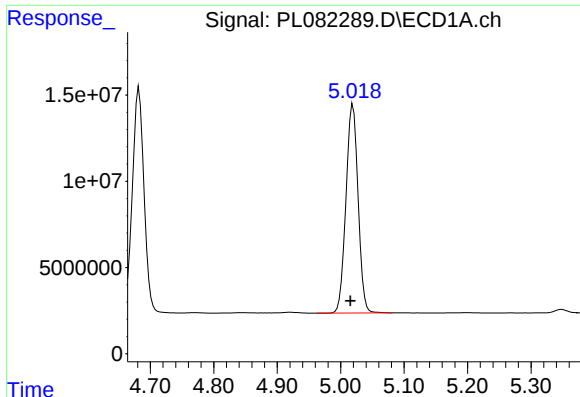
#4 Heptachlor

R.T.: 4.682 min  
Delta R.T.: 0.004 min  
Response: 167783100  
Conc: 45.92 ng/ml



#4 Heptachlor

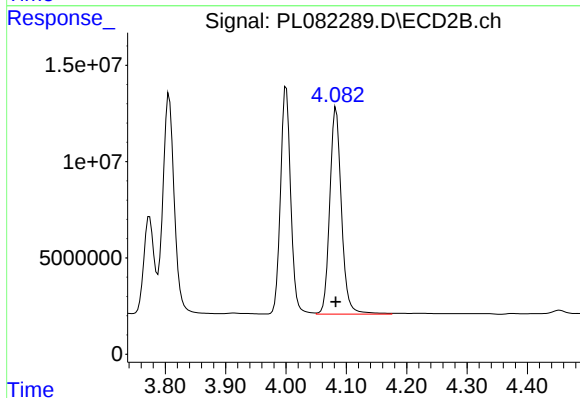
R.T.: 3.806 min  
Delta R.T.: 0.000 min  
Response: 149142271  
Conc: 43.57 ng/ml



#5 Aldrin

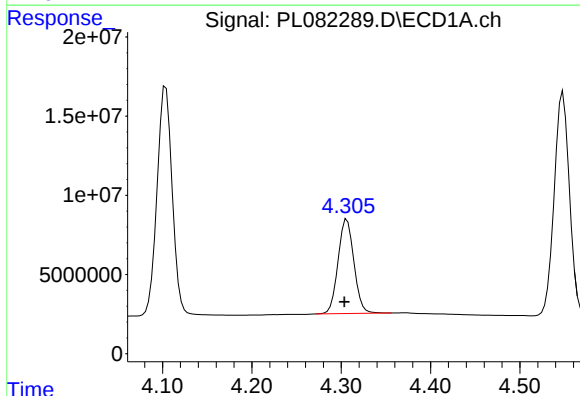
R.T.: 5.019 min  
Delta R.T.: 0.004 min  
Response: 160644283  
Conc: 48.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



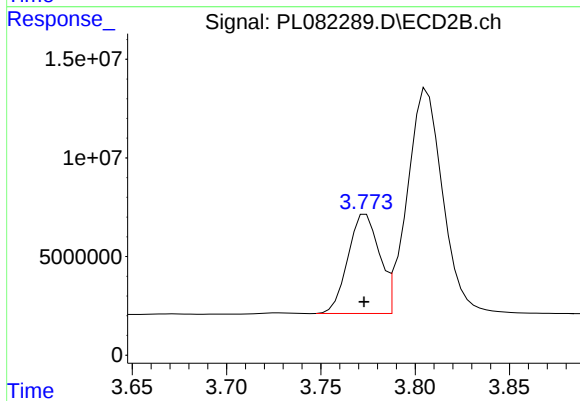
#5 Aldrin

R.T.: 4.083 min  
Delta R.T.: 0.000 min  
Response: 144335478  
Conc: 45.82 ng/ml



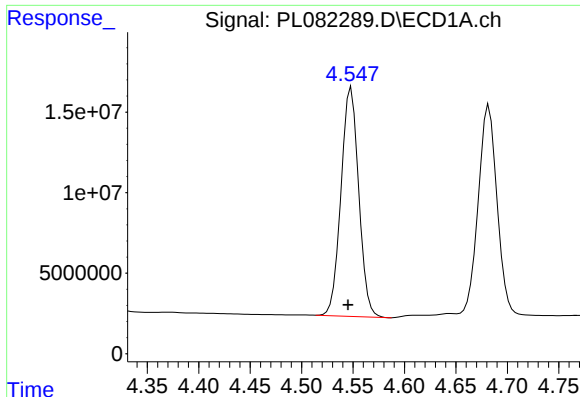
#6 beta-BHC

R.T.: 4.306 min  
Delta R.T.: 0.003 min  
Response: 73537229  
Conc: 43.12 ng/ml



#6 beta-BHC

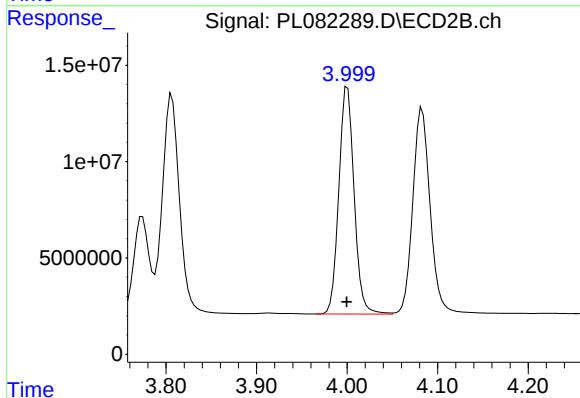
R.T.: 3.774 min  
Delta R.T.: 0.000 min  
Response: 58184524  
Conc: 42.64 ng/ml



#7 delta-BHC

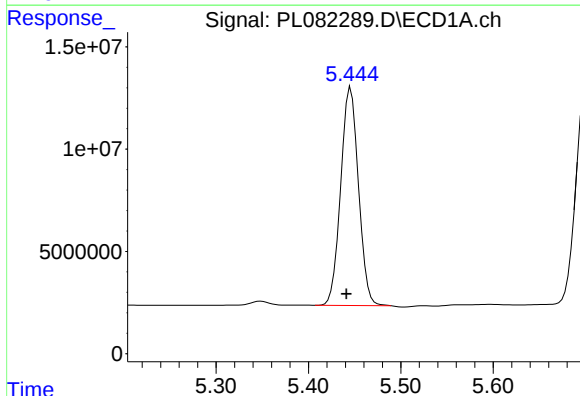
R.T.: 4.548 min  
Delta R.T.: 0.003 min  
Response: 170192810  
Conc: 47.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



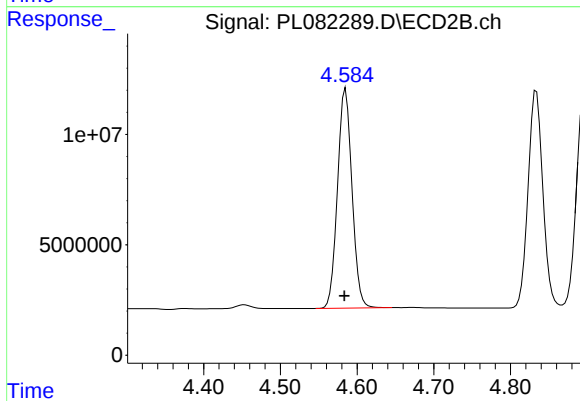
#7 delta-BHC

R.T.: 4.000 min  
Delta R.T.: 0.000 min  
Response: 138302157  
Conc: 45.09 ng/ml



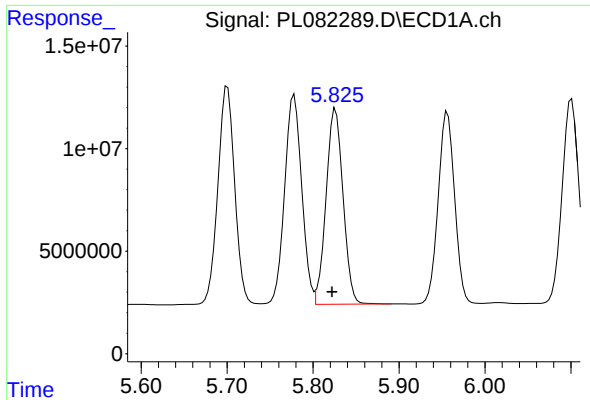
#8 Heptachlor epoxide

R.T.: 5.446 min  
Delta R.T.: 0.005 min  
Response: 142468325  
Conc: 46.71 ng/ml



#8 Heptachlor epoxide

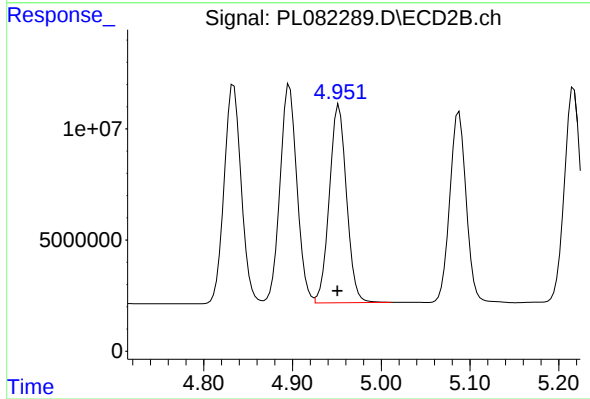
R.T.: 4.585 min  
Delta R.T.: 0.002 min  
Response: 130637428  
Conc: 45.35 ng/ml



#9 Endosulfan I

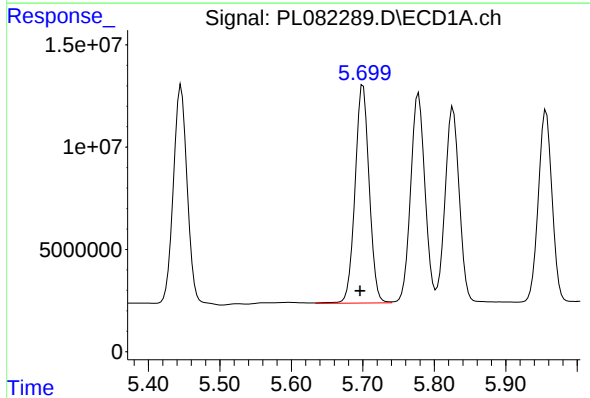
R.T.: 5.826 min  
Delta R.T.: 0.004 min  
Response: 130595036  
Conc: 47.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



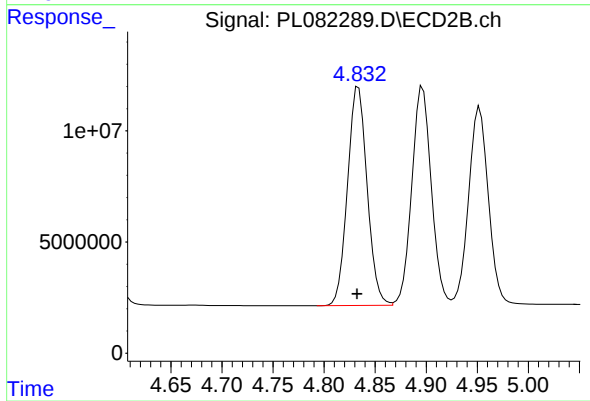
#9 Endosulfan I

R.T.: 4.952 min  
Delta R.T.: 0.002 min  
Response: 119780097  
Conc: 44.87 ng/ml



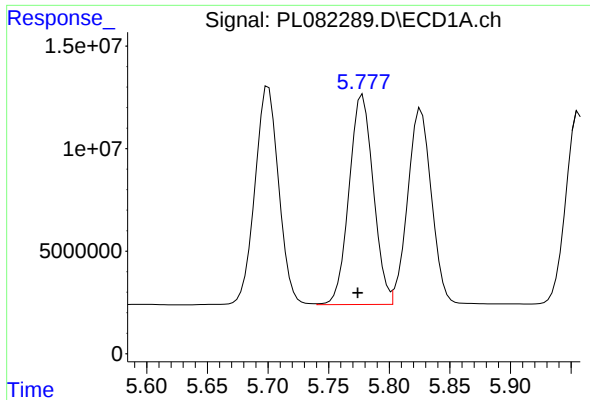
#10 gamma-Chlordane

R.T.: 5.700 min  
Delta R.T.: 0.004 min  
Response: 146426368  
Conc: 48.70 ng/ml



#10 gamma-Chlordane

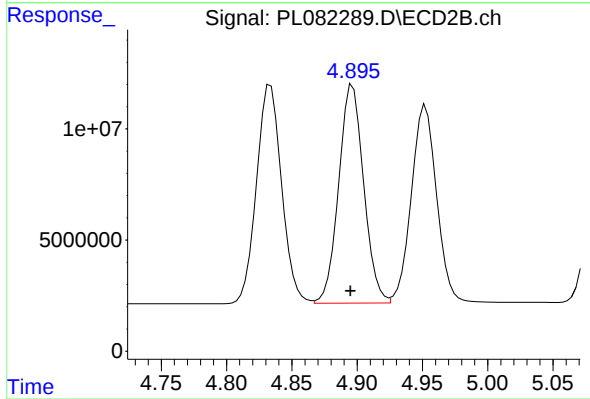
R.T.: 4.834 min  
Delta R.T.: 0.001 min  
Response: 131723396  
Conc: 45.39 ng/ml



#11 alpha-Chlordane

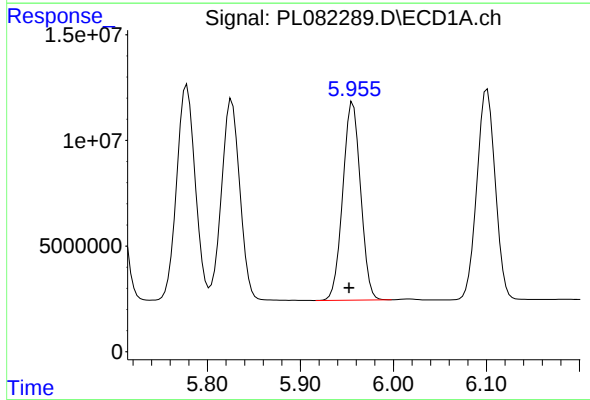
R.T.: 5.778 min  
Delta R.T.: 0.004 min  
Response: 142342411  
Conc: 47.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



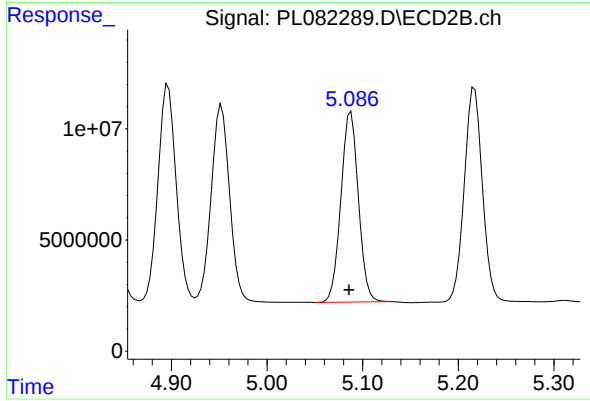
#11 alpha-Chlordane

R.T.: 4.897 min  
Delta R.T.: 0.002 min  
Response: 130875363  
Conc: 45.09 ng/ml



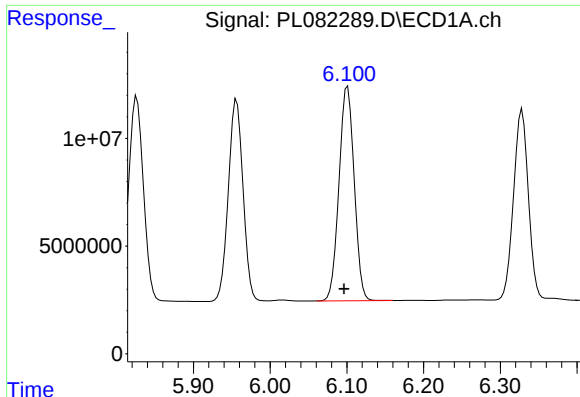
#12 4,4'-DDE

R.T.: 5.956 min  
Delta R.T.: 0.004 min  
Response: 124611520  
Conc: 49.02 ng/ml



#12 4,4'-DDE

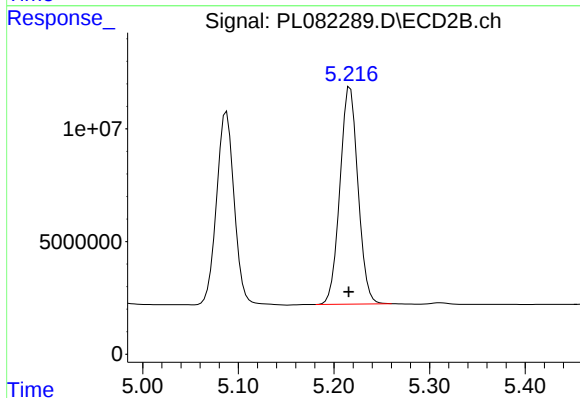
R.T.: 5.088 min  
Delta R.T.: 0.002 min  
Response: 108964226  
Conc: 47.40 ng/ml



#13 Dieldrin

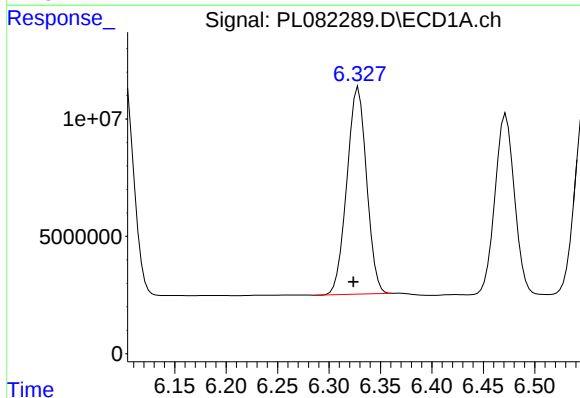
R.T.: 6.101 min  
Delta R.T.: 0.004 min  
Response: 137115813  
Conc: 49.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



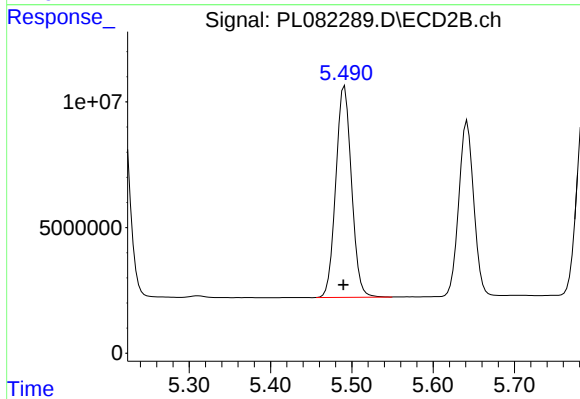
#13 Dieldrin

R.T.: 5.217 min  
Delta R.T.: 0.002 min  
Response: 126709696  
Conc: 46.92 ng/ml



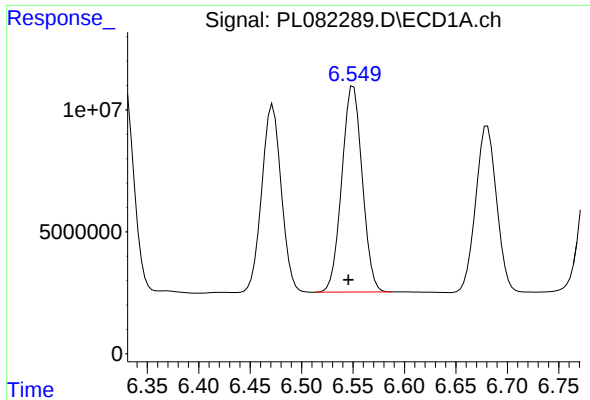
#14 Endrin

R.T.: 6.329 min  
Delta R.T.: 0.005 min  
Response: 117651292  
Conc: 48.52 ng/ml



#14 Endrin

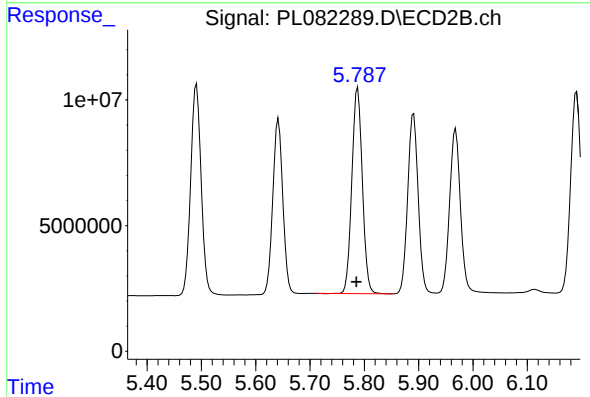
R.T.: 5.491 min  
Delta R.T.: 0.002 min  
Response: 112740035  
Conc: 46.09 ng/ml



#15 Endosulfan II

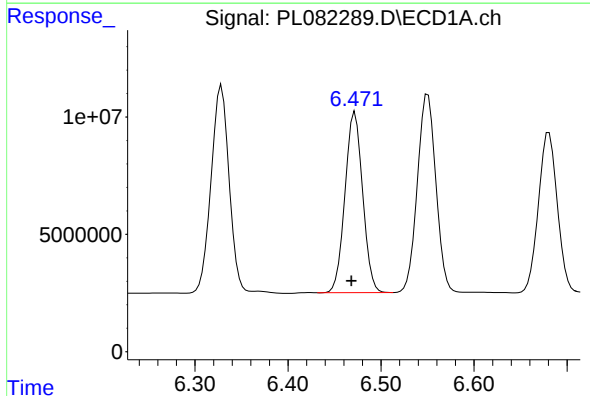
R.T.: 6.550 min  
Delta R.T.: 0.005 min  
Response: 116840621  
Conc: 47.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



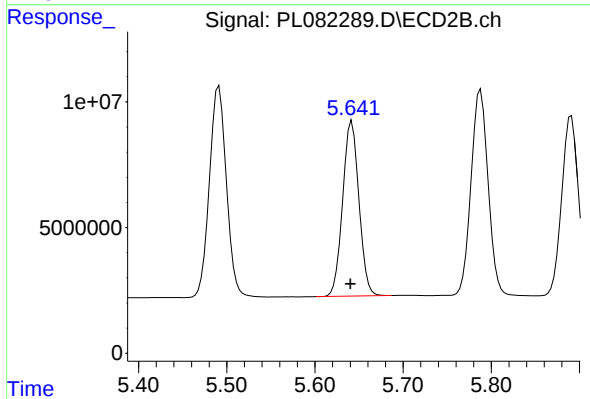
#15 Endosulfan II

R.T.: 5.788 min  
Delta R.T.: 0.002 min  
Response: 110317992  
Conc: 48.94 ng/ml



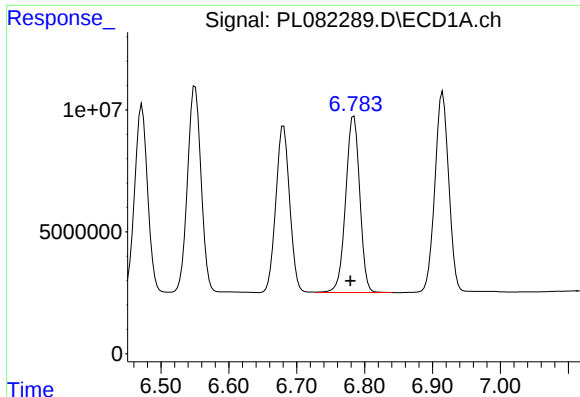
#16 4,4'-DDD

R.T.: 6.472 min  
Delta R.T.: 0.004 min  
Response: 101612712  
Conc: 50.12 ng/ml



#16 4,4'-DDD

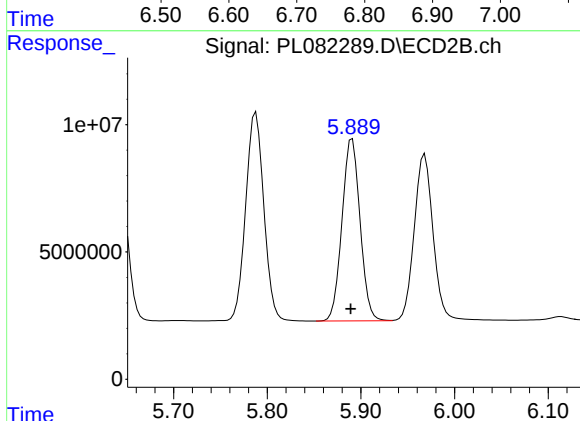
R.T.: 5.642 min  
Delta R.T.: 0.002 min  
Response: 89283831  
Conc: 47.74 ng/ml



#17 4,4'-DDT

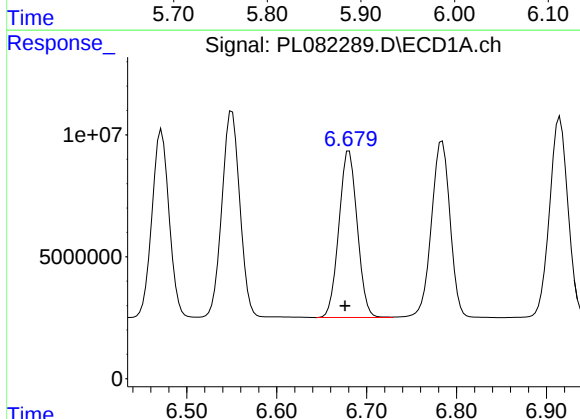
R.T.: 6.784 min  
Delta R.T.: 0.005 min  
Response: 104478466  
Conc: 45.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



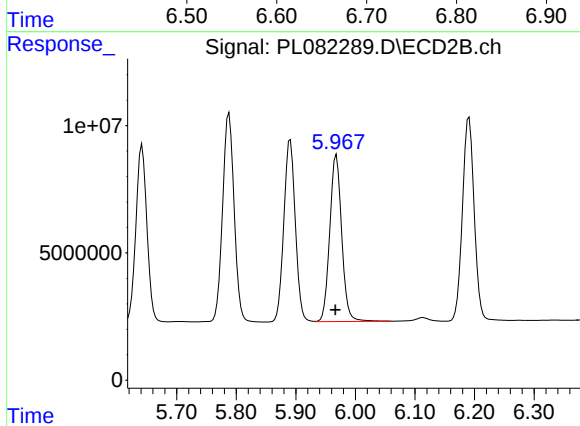
#17 4,4'-DDT

R.T.: 5.891 min  
Delta R.T.: 0.002 min  
Response: 96024795  
Conc: 45.45 ng/ml



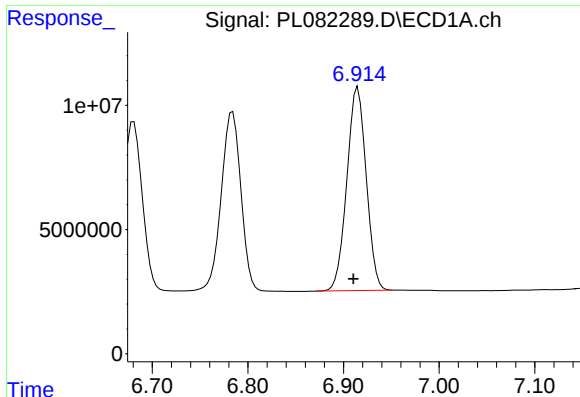
#18 Endrin aldehyde

R.T.: 6.681 min  
Delta R.T.: 0.004 min  
Response: 97037247  
Conc: 51.50 ng/ml



#18 Endrin aldehyde

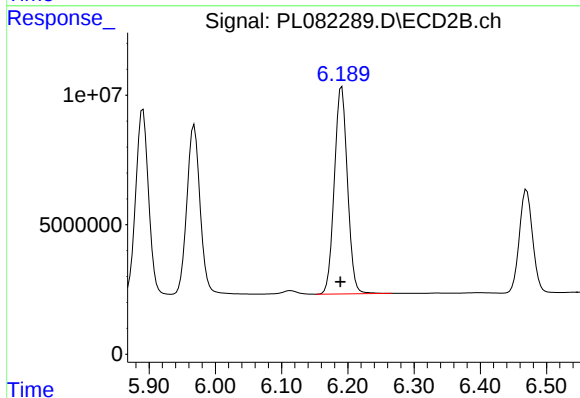
R.T.: 5.968 min  
Delta R.T.: 0.002 min  
Response: 91294376  
Conc: 48.78 ng/ml



#19 Endosulfan Sulfate

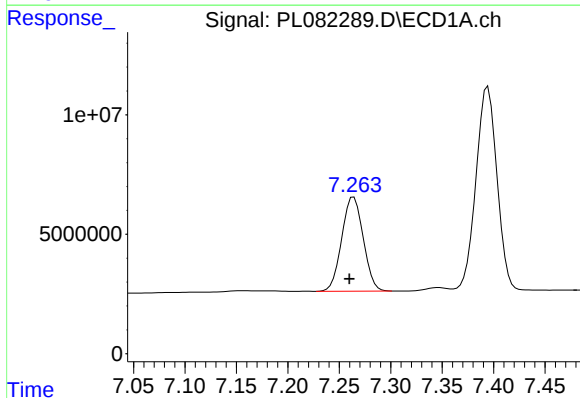
R.T.: 6.915 min  
Delta R.T.: 0.005 min  
Response: 115675749  
Conc: 48.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



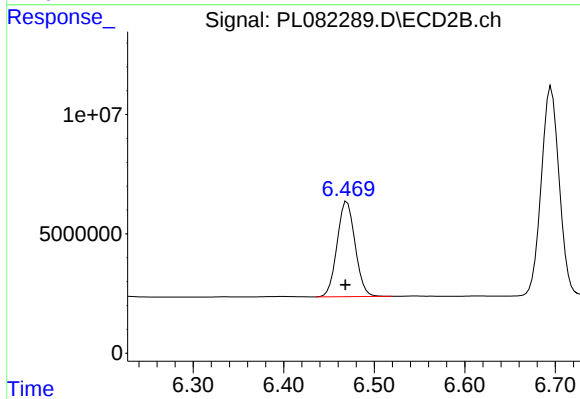
#19 Endosulfan Sulfate

R.T.: 6.191 min  
Delta R.T.: 0.002 min  
Response: 109981869  
Conc: 46.72 ng/ml



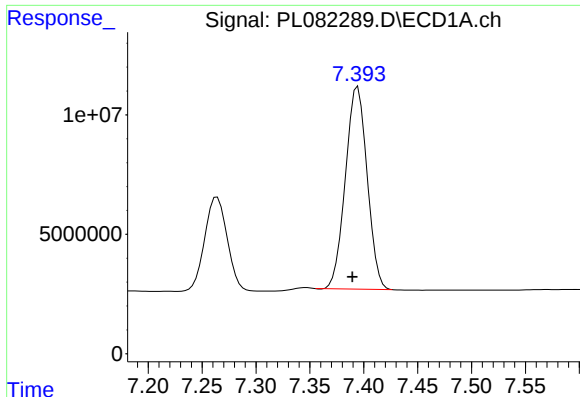
#20 Methoxychlor

R.T.: 7.264 min  
Delta R.T.: 0.004 min  
Response: 57365381  
Conc: 47.01 ng/ml



#20 Methoxychlor

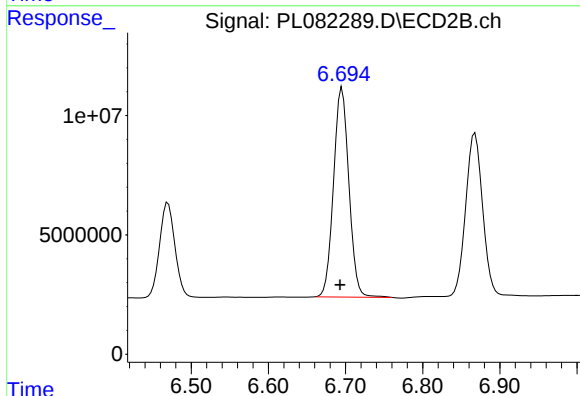
R.T.: 6.470 min  
Delta R.T.: 0.002 min  
Response: 55165480  
Conc: 45.52 ng/ml



#21 Endrin ketone

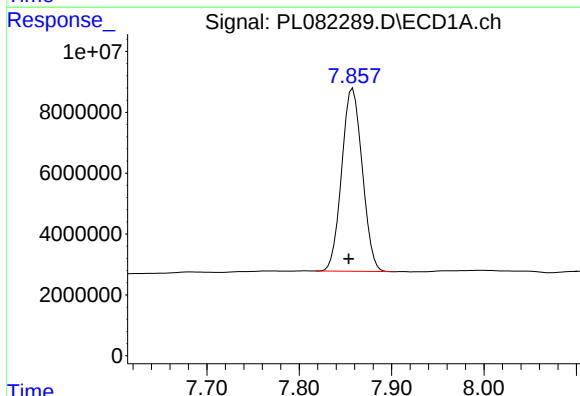
R.T.: 7.394 min  
Delta R.T.: 0.005 min  
Response: 119002552  
Conc: 49.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



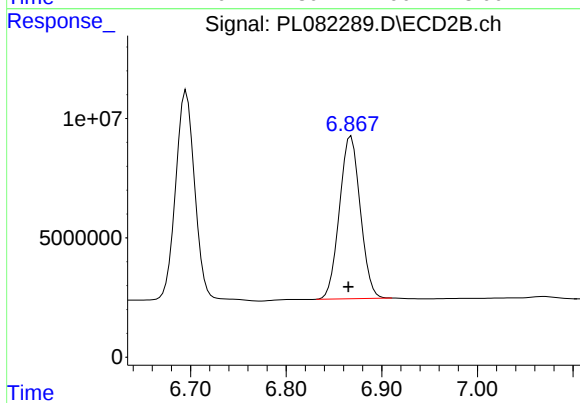
#21 Endrin ketone

R.T.: 6.696 min  
Delta R.T.: 0.003 min  
Response: 121569681  
Conc: 47.90 ng/ml



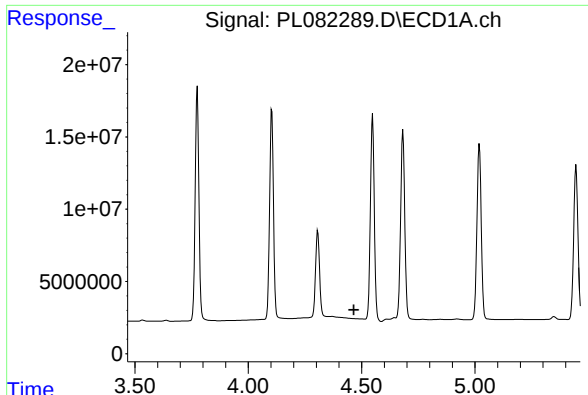
#22 Mirex

R.T.: 7.858 min  
Delta R.T.: 0.004 min  
Response: 92925896  
Conc: 47.50 ng/ml



#22 Mirex

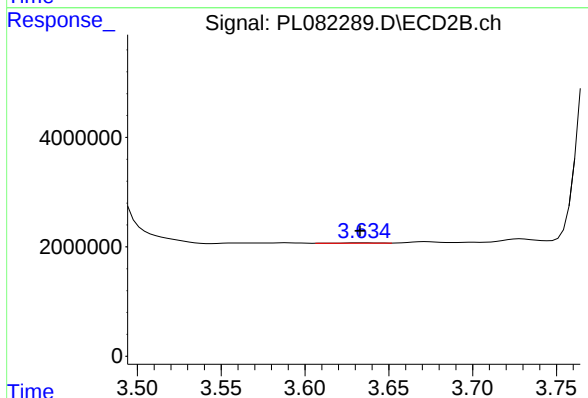
R.T.: 6.868 min  
Delta R.T.: 0.003 min  
Response: 103385809  
Conc: 44.87 ng/ml



#23 Chlordane-1

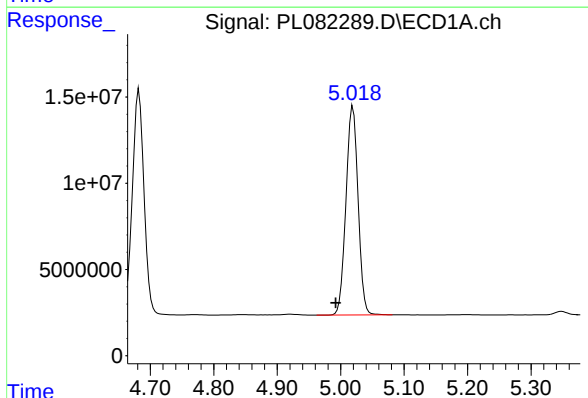
R.T.: 0.000 min  
Exp R.T.: 4.466 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



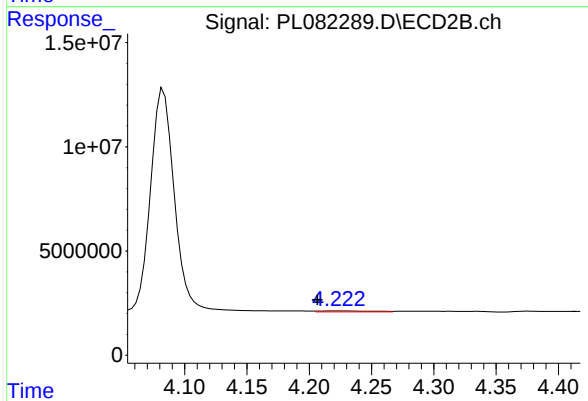
#23 Chlordane-1

R.T.: 3.635 min  
Delta R.T.: 0.002 min  
Response: 84580  
Conc: 0.95 ng/ml



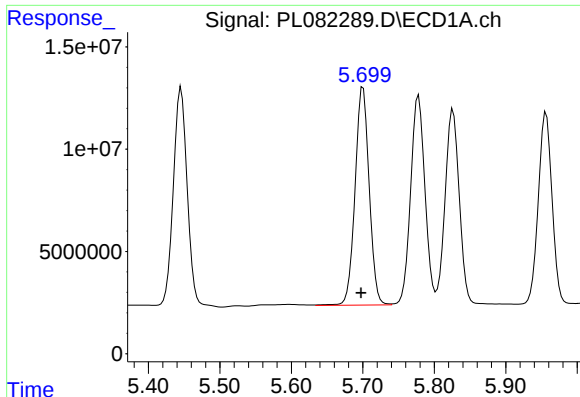
#24 Chlordane-2

R.T.: 5.019 min  
Delta R.T.: 0.027 min  
Response: 160644283  
Conc: 1349.36 ng/ml



#24 Chlordane-2

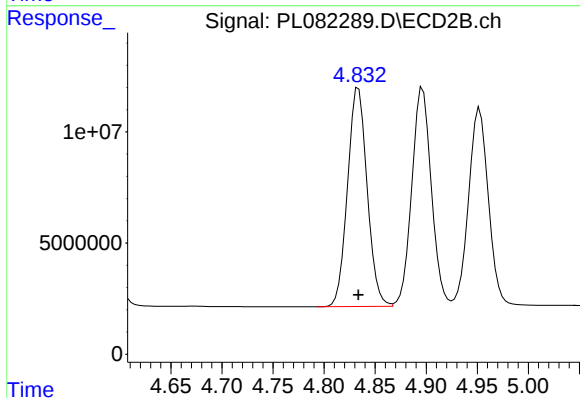
R.T.: 4.223 min  
Delta R.T.: 0.016 min  
Response: 1455303  
Conc: 12.98 ng/ml



#25 Chlordane-3

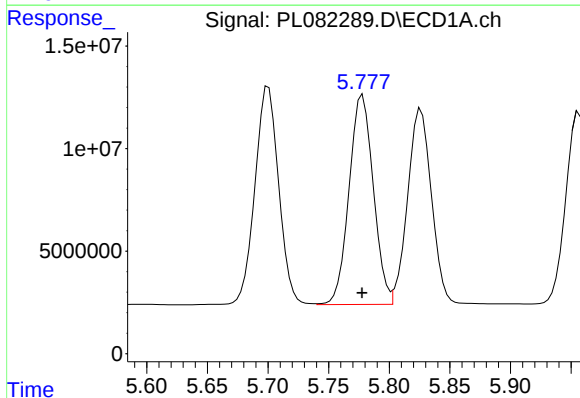
R.T.: 5.700 min  
Delta R.T.: 0.003 min  
Response: 146426368  
Conc: 339.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



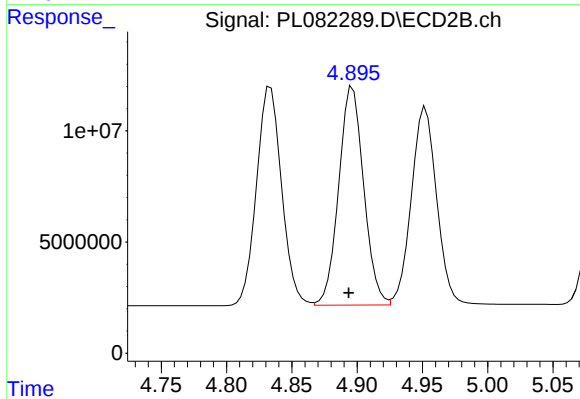
#25 Chlordane-3

R.T.: 4.834 min  
Delta R.T.: 0.000 min  
Response: 131723396  
Conc: 463.64 ng/ml



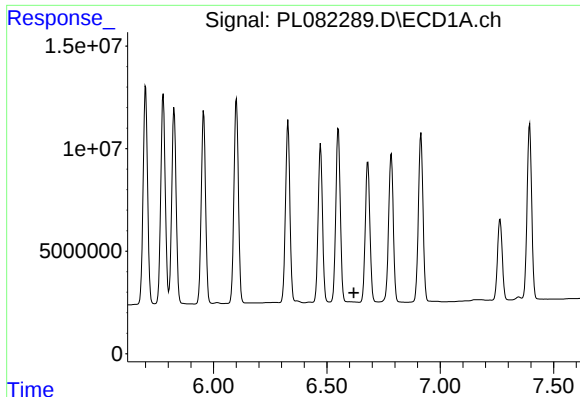
#26 Chlordane-4

R.T.: 5.778 min  
Delta R.T.: 0.000 min  
Response: 142342411  
Conc: 273.78 ng/ml



#26 Chlordane-4

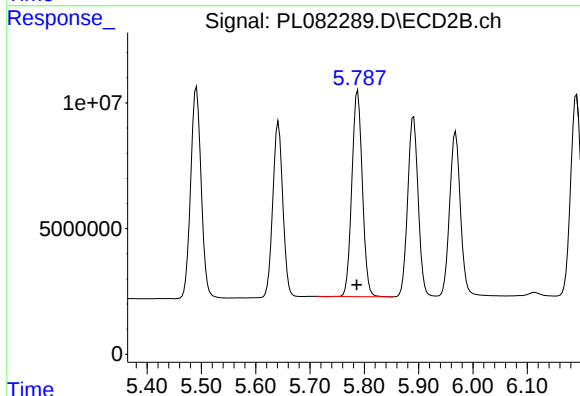
R.T.: 4.897 min  
Delta R.T.: 0.003 min  
Response: 130875363  
Conc: 438.58 ng/ml



#27 Chlordane-5

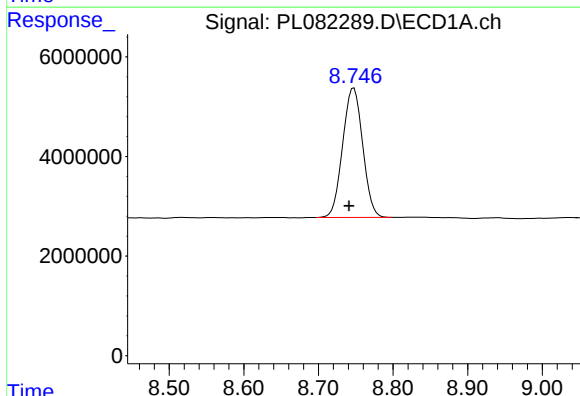
R.T.: 0.000 min  
Exp R.T.: 6.619 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



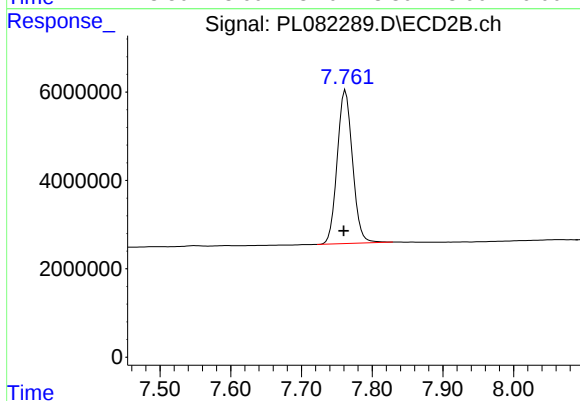
#27 Chlordane-5

R.T.: 5.788 min  
Delta R.T.: 0.002 min  
Response: 110317992  
Conc: 1117.57 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.747 min  
Delta R.T.: 0.006 min  
Response: 48426352  
Conc: 25.37 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.762 min  
Delta R.T.: 0.002 min  
Response: 52172348  
Conc: 22.86 ng/ml