

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051820\  
 Data File : PL058782.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 May 2020 19:18  
 Operator : AJ\MA  
 Sample : L2503-10MSD  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 18 23:11:56 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051220.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 15 06:18:53 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... | 3.531  | 4.077  | 32349972 | 54291112 | 19.691   | 25.081 #   |
| 28)                         | SA Decachlor... | 8.317  | 9.191  | 28472140 | 48940648 | 21.805   | 27.693 #   |
| Target Compounds            |                 |        |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.973  | 4.470  | 125.3E6  | 203.7E6  | 54.433   | 66.516     |
| 3)                          | MA gamma-BHC... | 4.259  | 4.758  | 109.5E6  | 191.7E6  | 53.377   | 65.397     |
| 4)                          | MA Heptachlor   | 4.567  | 5.272  | 94712124 | 181.5E6  | 50.133   | 64.750 #   |
| 5)                          | MB Aldrin       | 4.818  | 5.580  | 82194378 | 162.7E6  | 49.370   | 65.327 #   |
| 6)                          | B beta-BHC      | 4.509  | 4.925  | 47347742 | 88440578 | 53.409   | 66.678     |
| 7)                          | B delta-BHC     | 4.717  | 5.145  | 98710767 | 173.7E6  | 53.078   | 61.209     |
| 8)                          | B Heptachlo...  | 5.263  | 5.968  | 83874325 | 160.5E6  | 53.379   | 66.850 #   |
| 9)                          | A Endosulfan I  | 5.605  | 6.327  | 78938286 | 146.4E6  | 54.490   | 68.014     |
| 10)                         | B gamma-Chl...  | 5.492  | 6.202  | 83431430 | 159.5E6  | 53.699   | 67.895 #   |
| 11)                         | B alpha-Chl...  | 5.551  | 6.276  | 81403995 | 156.5E6  | 52.286   | 66.750 #   |
| 12)                         | B 4,4'-DDE      | 5.715  | 6.431  | 76449983 | 143.5E6  | 54.853   | 68.699 #   |
| 13)                         | MA Dieldrin     | 5.850  | 6.585  | 83033873 | 154.3E6  | 55.756   | 70.296 #   |
| 14)                         | MA Endrin       | 6.107  | 6.804  | 72556950 | 129.2E6  | 55.848   | 71.262 #   |
| 15)                         | B Endosulfa...  | 6.380  | 7.012  | 74997140 | 130.9E6  | 54.382   | 65.528     |
| 16)                         | A 4,4'-DDD      | 6.232  | 6.921  | 66502960 | 128.5E6  | 56.388   | 73.413 #   |
| 17)                         | MA 4,4'-DDT     | 6.475  | 7.222  | 66493674 | 117.6E6  | 54.492   | 69.475 #   |
| 18)                         | B Endrin al...  | 6.549  | 7.136  | 65925892 | 115.8E6  | 56.162   | 67.865     |
| 19)                         | B Endosulfa...  | 6.762  | 7.360  | 75777298 | 133.2E6  | 57.166   | 71.164     |
| 20)                         | A Methoxychlor  | 7.021  | 7.678  | 36452154 | 65180088 | 56.153   | 66.363     |
| 21)                         | B Endrin ke...  | 7.255  | 7.833  | 87438764 | 144.1E6  | 58.960   | 71.515     |
| 22)                         | Mirex           | 7.450  | 8.290  | 67581552 | 103.9E6  | 55.274   | 66.118     |
| 24)                         | Chlordane-2     | 0.000  | 5.580f | 0        | 162.7E6  | N.D.     | 1903.513 # |
| 25)                         | Chlordane-3     | 5.492  | 6.202  | 83431430 | 159.5E6  | 596.346  | 526.576    |
| 26)                         | Chlordane-4     | 5.551  | 6.276  | 81403995 | 156.5E6  | 709.260  | 429.321 #  |
| 27)                         | Chlordane-5     | 6.380f | 0.000  | 74997140 | 0        | 1536.580 | N.D. #     |
| -----                       |                 |        |        |          |          |          |            |

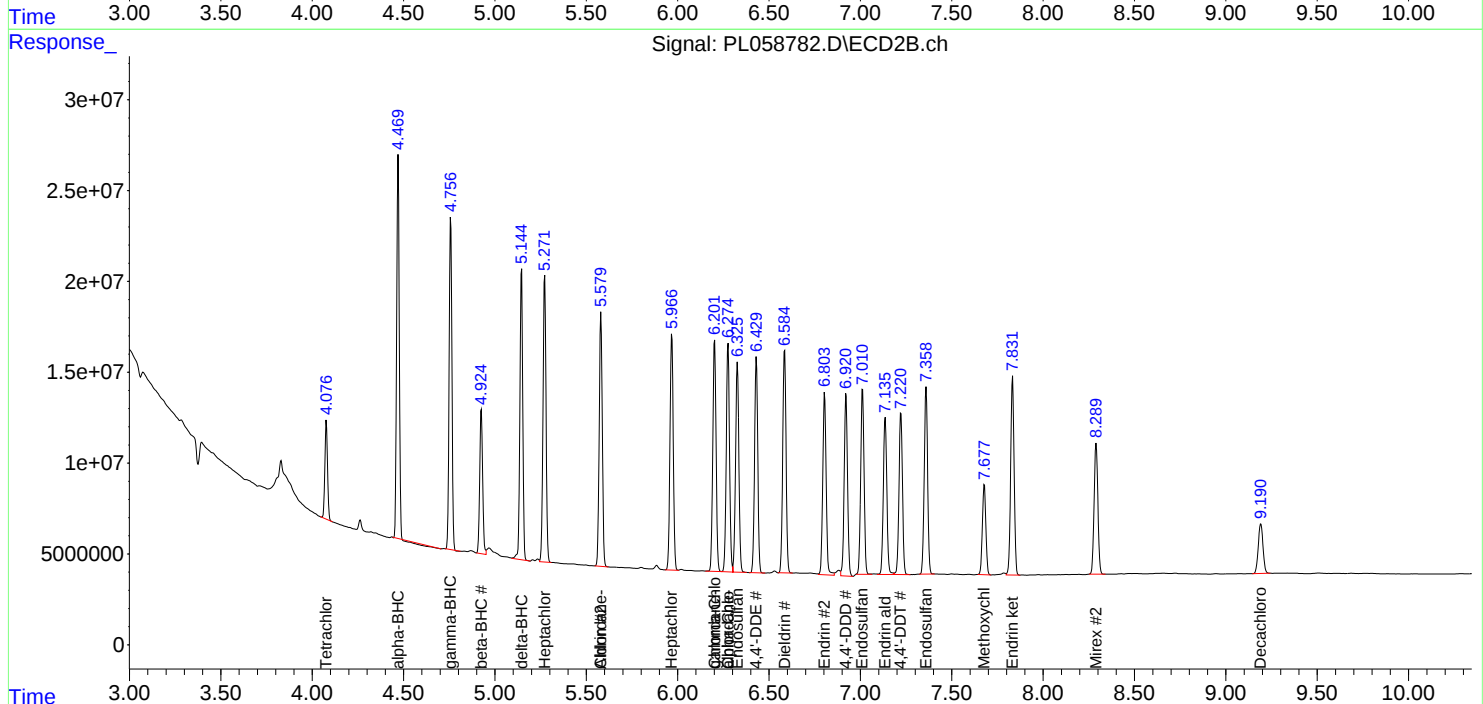
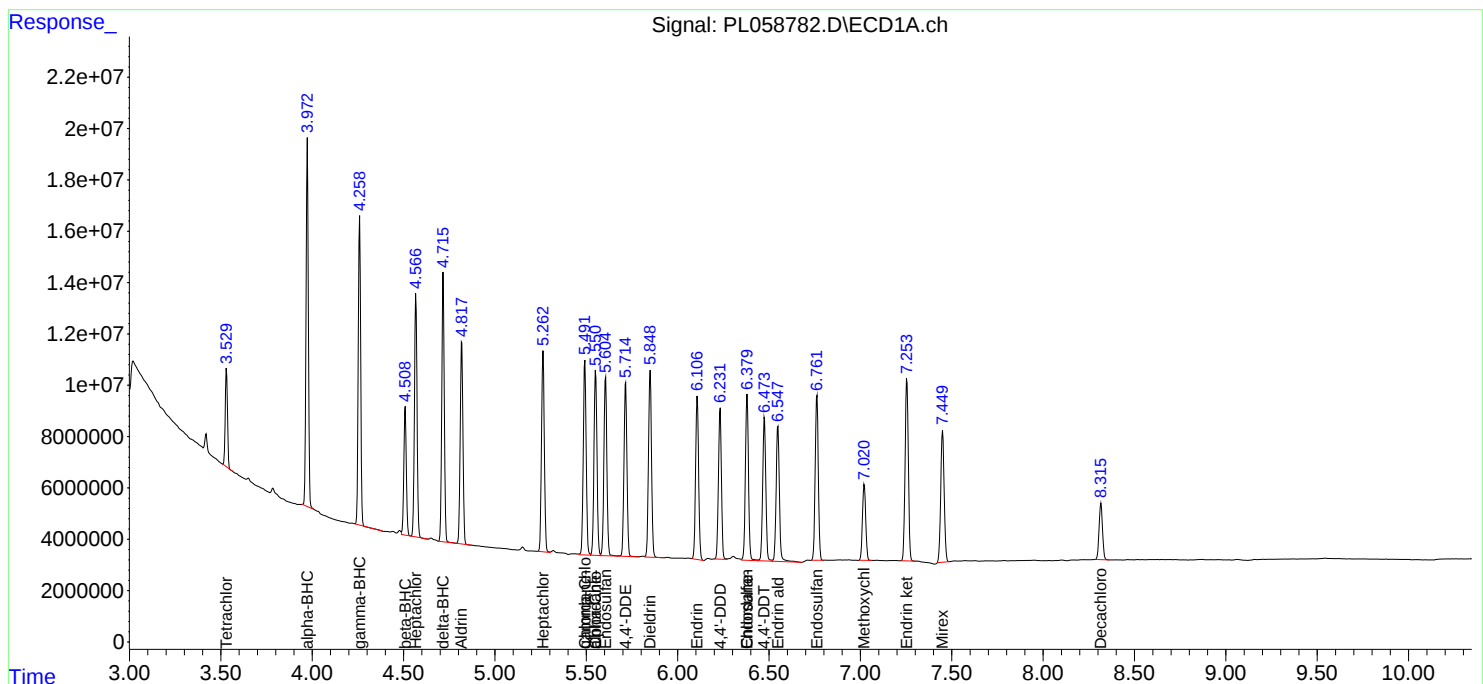
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

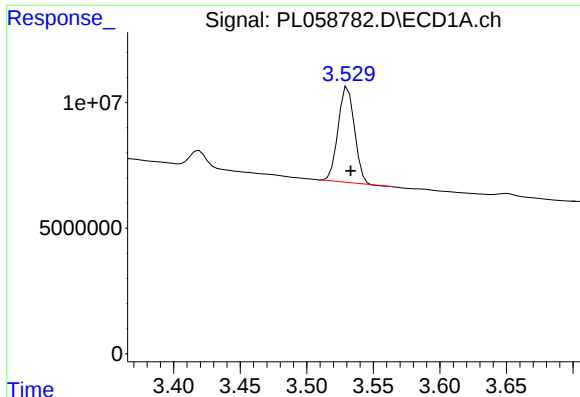
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051820\  
Data File : PL058782.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 May 2020 19:18  
Operator : AJ\MA  
Sample : L2503-10MSD  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 18 23:11:56 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051220.M  
Quant Title : GC Extractables  
QLast Update : Fri May 15 06:18:53 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

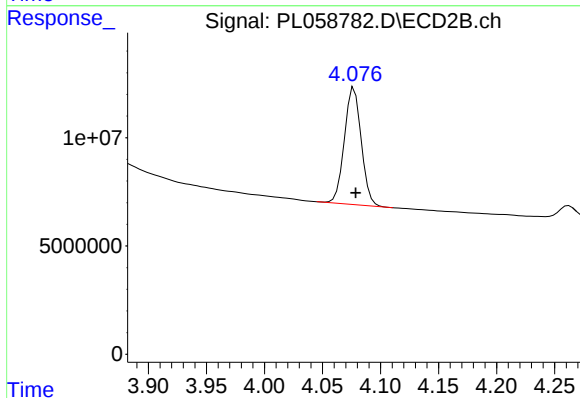




#1 Tetrachloro-m-xylene

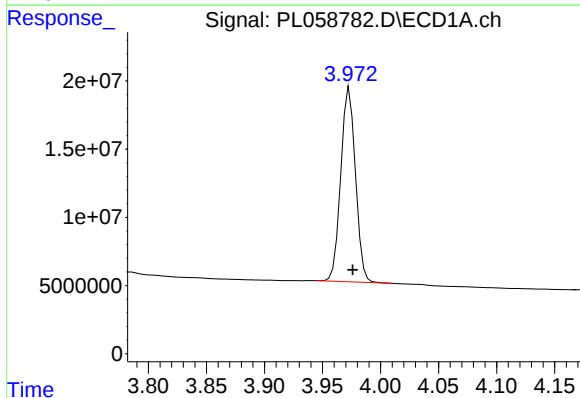
R.T.: 3.531 min  
Delta R.T.: -0.002 min  
Response: 32349972  
Conc: 19.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



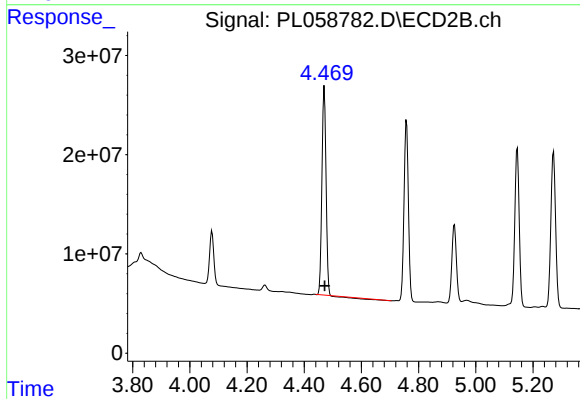
#1 Tetrachloro-m-xylene

R.T.: 4.077 min  
Delta R.T.: -0.001 min  
Response: 54291112  
Conc: 25.08 ng/ml



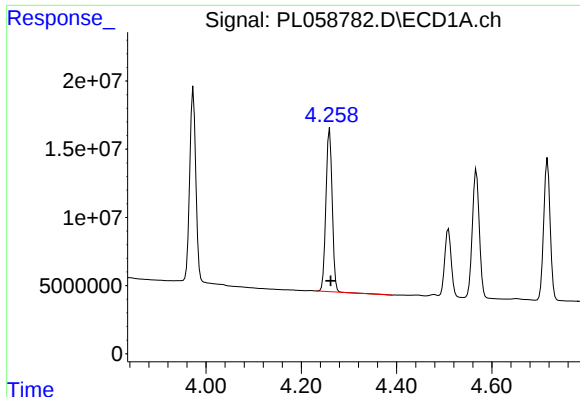
#2 alpha-BHC

R.T.: 3.973 min  
Delta R.T.: -0.003 min  
Response: 125309690  
Conc: 54.43 ng/ml



#2 alpha-BHC

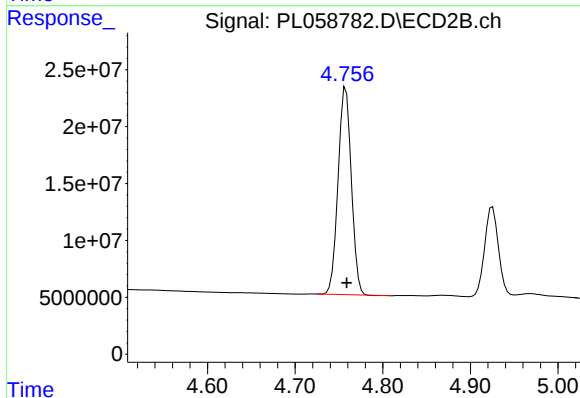
R.T.: 4.470 min  
Delta R.T.: -0.001 min  
Response: 203666234  
Conc: 66.52 ng/ml



#3 gamma-BHC (Lindane)

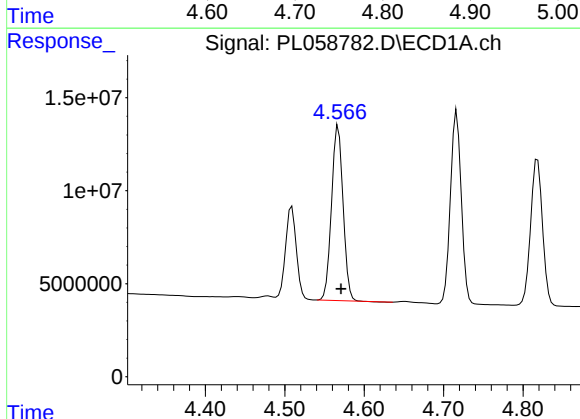
R.T.: 4.259 min  
Delta R.T.: -0.003 min  
Response: 109511004  
Conc: 53.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



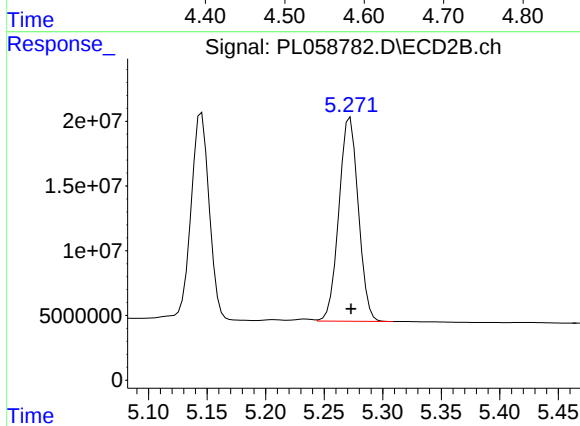
#3 gamma-BHC (Lindane)

R.T.: 4.758 min  
Delta R.T.: 0.000 min  
Response: 191731548  
Conc: 65.40 ng/ml



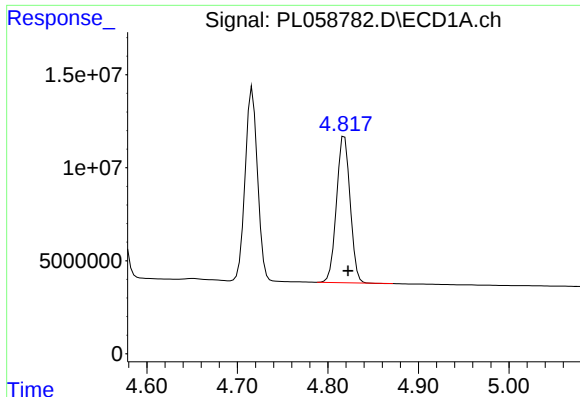
#4 Heptachlor

R.T.: 4.567 min  
Delta R.T.: -0.003 min  
Response: 94712124  
Conc: 50.13 ng/ml



#4 Heptachlor

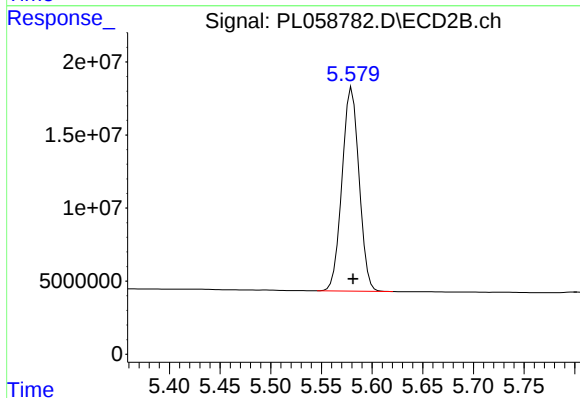
R.T.: 5.272 min  
Delta R.T.: 0.000 min  
Response: 181459023  
Conc: 64.75 ng/ml



#5 Aldrin

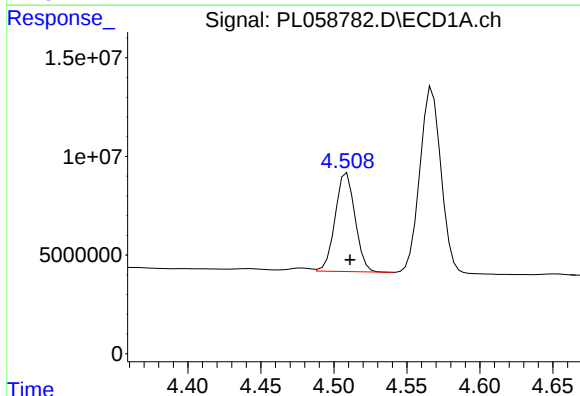
R.T.: 4.818 min  
Delta R.T.: -0.004 min  
Response: 82194378  
Conc: 49.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



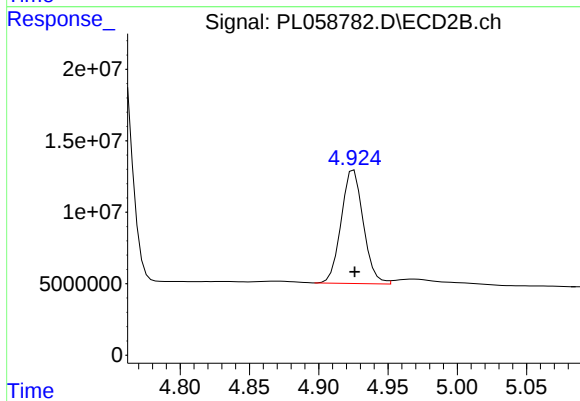
#5 Aldrin

R.T.: 5.580 min  
Delta R.T.: -0.001 min  
Response: 162665216  
Conc: 65.33 ng/ml



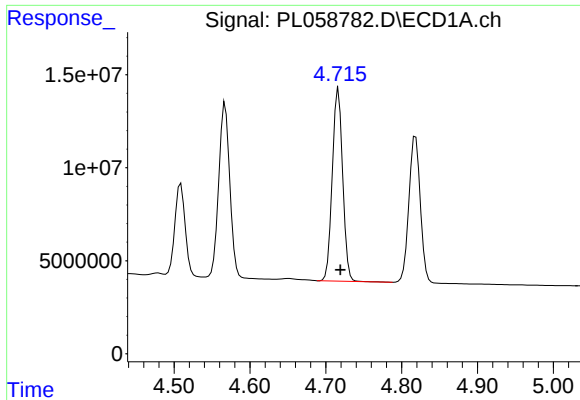
#6 beta-BHC

R.T.: 4.509 min  
Delta R.T.: -0.002 min  
Response: 47347742  
Conc: 53.41 ng/ml



#6 beta-BHC

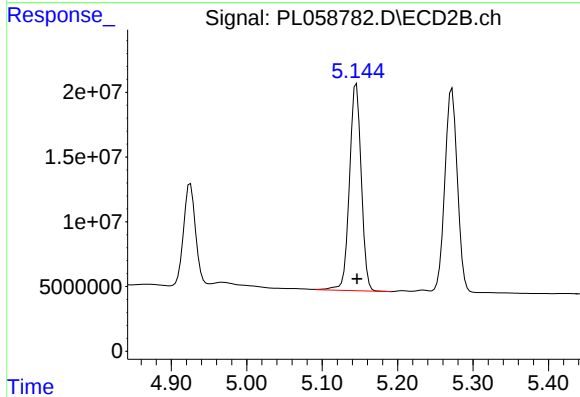
R.T.: 4.925 min  
Delta R.T.: 0.000 min  
Response: 88440578  
Conc: 66.68 ng/ml



#7 delta-BHC

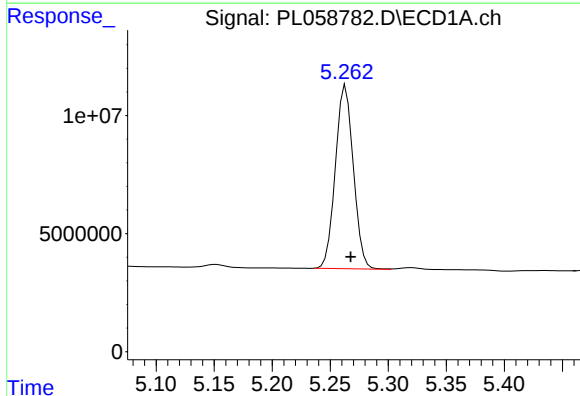
R.T.: 4.717 min  
Delta R.T.: -0.003 min  
Response: 98710767  
Conc: 53.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



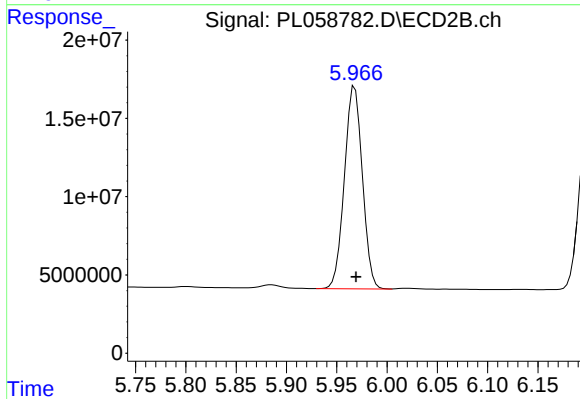
#7 delta-BHC

R.T.: 5.145 min  
Delta R.T.: -0.001 min  
Response: 173684640  
Conc: 61.21 ng/ml



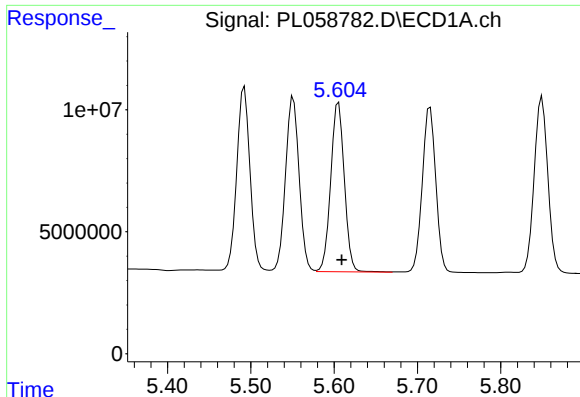
#8 Heptachlor epoxide

R.T.: 5.263 min  
Delta R.T.: -0.004 min  
Response: 83874325  
Conc: 53.38 ng/ml



#8 Heptachlor epoxide

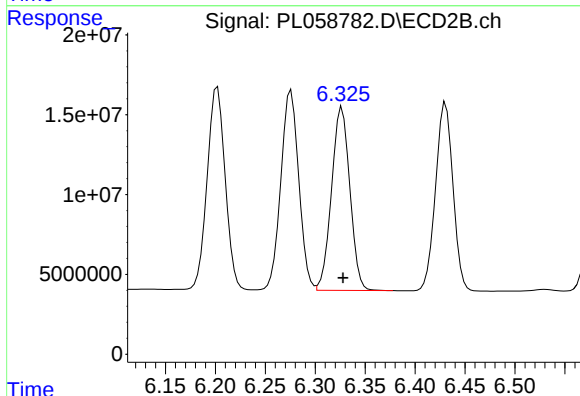
R.T.: 5.968 min  
Delta R.T.: -0.001 min  
Response: 160527573  
Conc: 66.85 ng/ml



#9 Endosulfan I

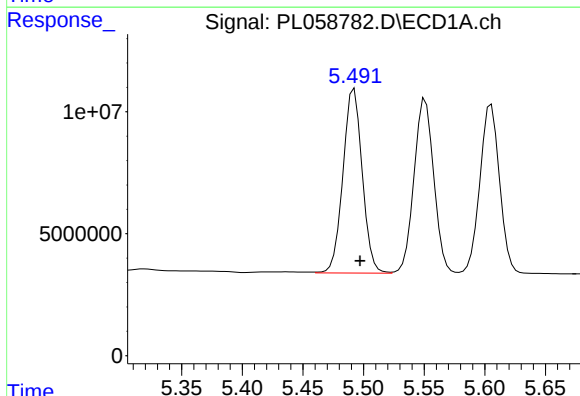
R.T.: 5.605 min  
Delta R.T.: -0.004 min  
Response: 78938286  
Conc: 54.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



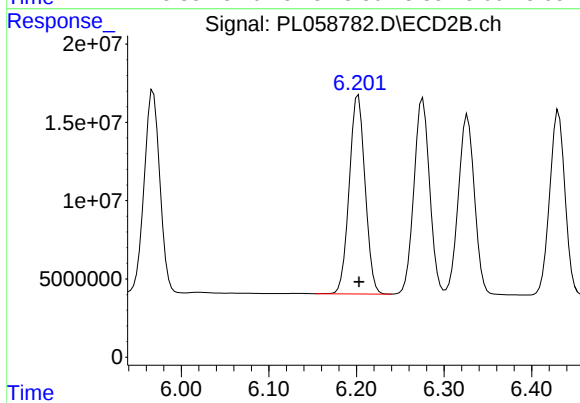
#9 Endosulfan I

R.T.: 6.327 min  
Delta R.T.: 0.000 min  
Response: 146368563  
Conc: 68.01 ng/ml



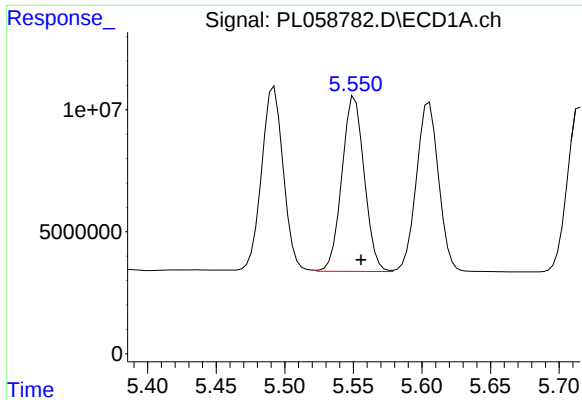
#10 gamma-Chlordane

R.T.: 5.492 min  
Delta R.T.: -0.005 min  
Response: 83431430  
Conc: 53.70 ng/ml



#10 gamma-Chlordane

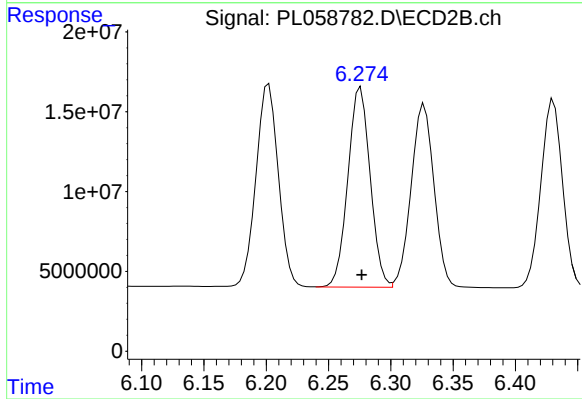
R.T.: 6.202 min  
Delta R.T.: 0.000 min  
Response: 159491650  
Conc: 67.90 ng/ml



#11 alpha-Chlordane

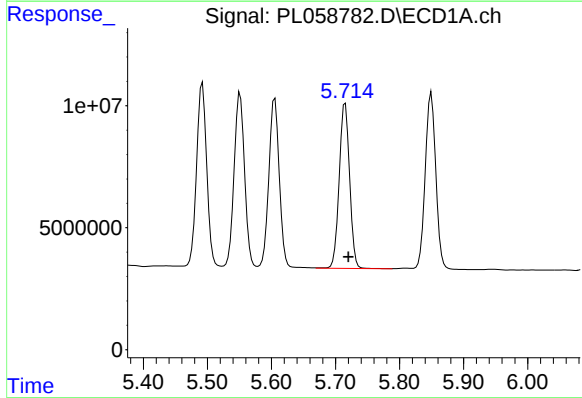
R.T.: 5.551 min  
Delta R.T.: -0.005 min  
Response: 81403995  
Conc: 52.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



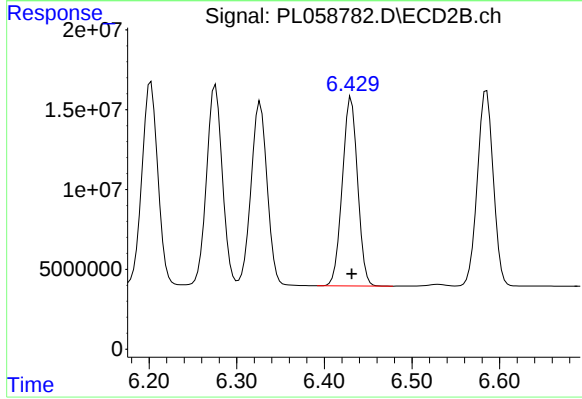
#11 alpha-Chlordane

R.T.: 6.276 min  
Delta R.T.: 0.000 min  
Response: 156471057  
Conc: 66.75 ng/ml



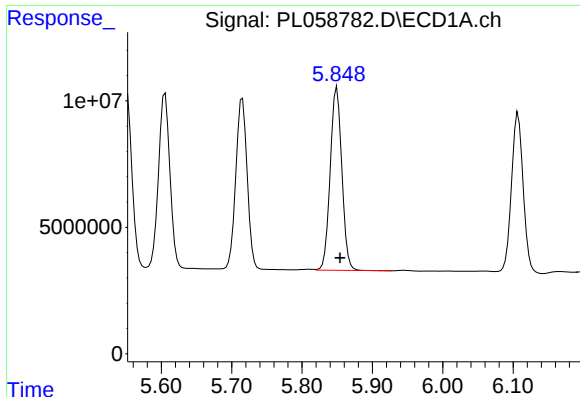
#12 4,4'-DDE

R.T.: 5.715 min  
Delta R.T.: -0.005 min  
Response: 76449983  
Conc: 54.85 ng/ml



#12 4,4'-DDE

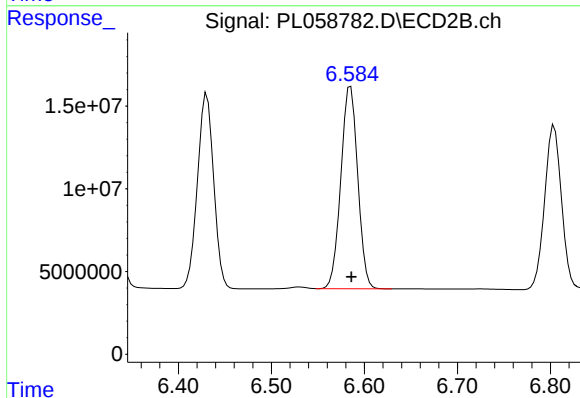
R.T.: 6.431 min  
Delta R.T.: 0.000 min  
Response: 143465779  
Conc: 68.70 ng/ml



#13 Dieldrin

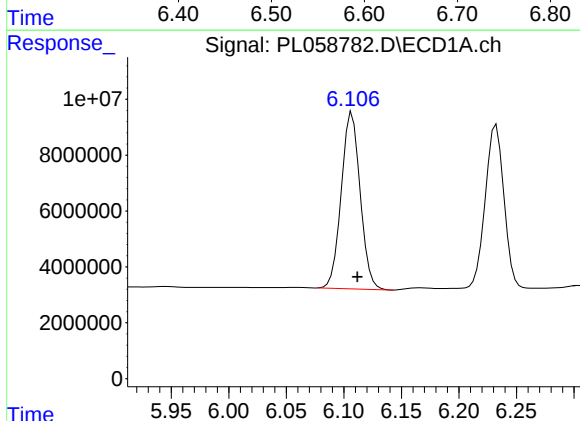
R.T.: 5.850 min  
Delta R.T.: -0.005 min  
Response: 83033873  
Conc: 55.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



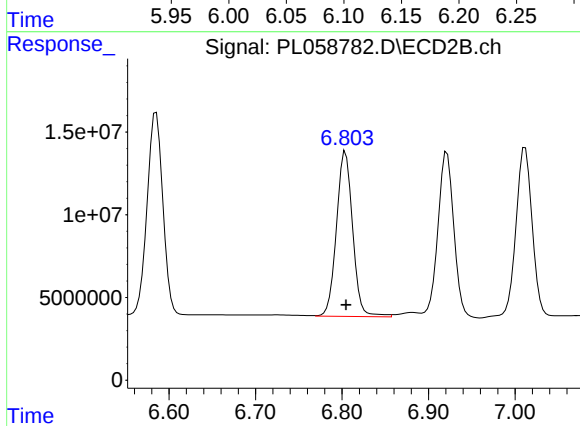
#13 Dieldrin

R.T.: 6.585 min  
Delta R.T.: 0.000 min  
Response: 154261464  
Conc: 70.30 ng/ml



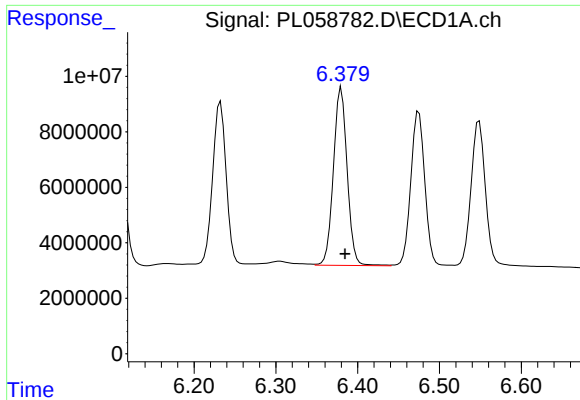
#14 Endrin

R.T.: 6.107 min  
Delta R.T.: -0.005 min  
Response: 72556950  
Conc: 55.85 ng/ml



#14 Endrin

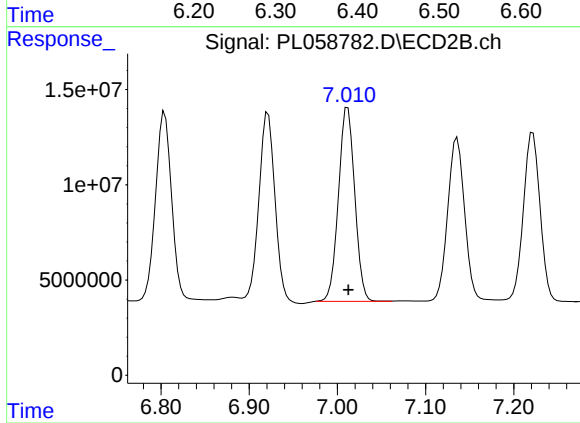
R.T.: 6.804 min  
Delta R.T.: 0.000 min  
Response: 129236333  
Conc: 71.26 ng/ml



#15 Endosulfan II

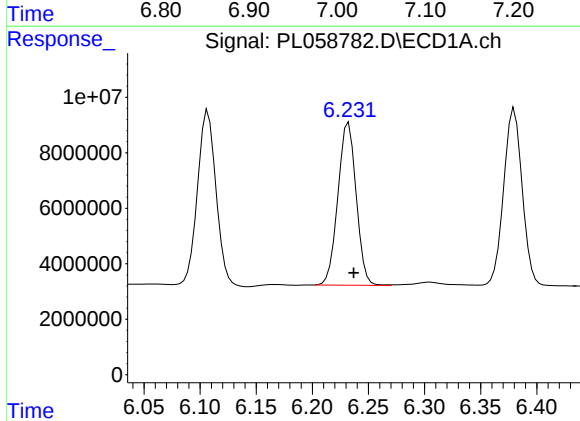
R.T.: 6.380 min  
Delta R.T.: -0.005 min  
Response: 74997140  
Conc: 54.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



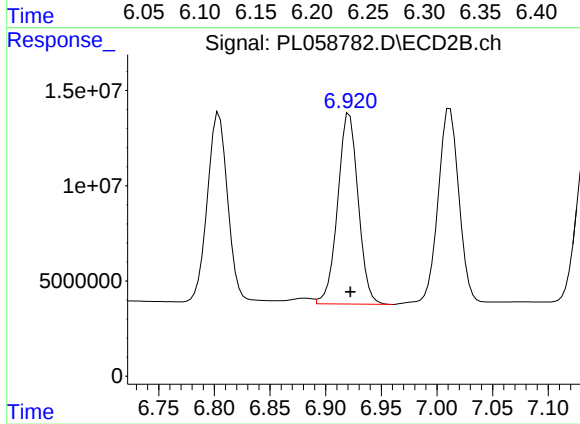
#15 Endosulfan II

R.T.: 7.012 min  
Delta R.T.: 0.000 min  
Response: 130861553  
Conc: 65.53 ng/ml



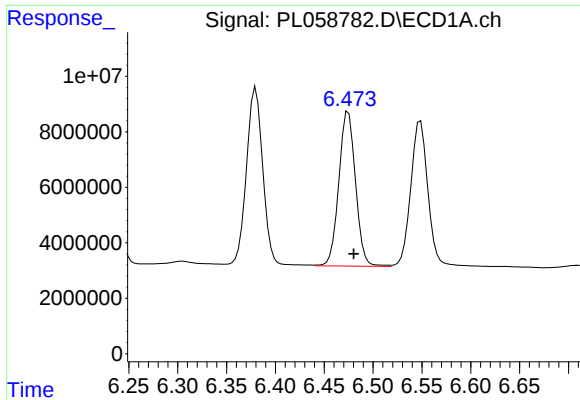
#16 4,4'-DDD

R.T.: 6.232 min  
Delta R.T.: -0.005 min  
Response: 66502960  
Conc: 56.39 ng/ml



#16 4,4'-DDD

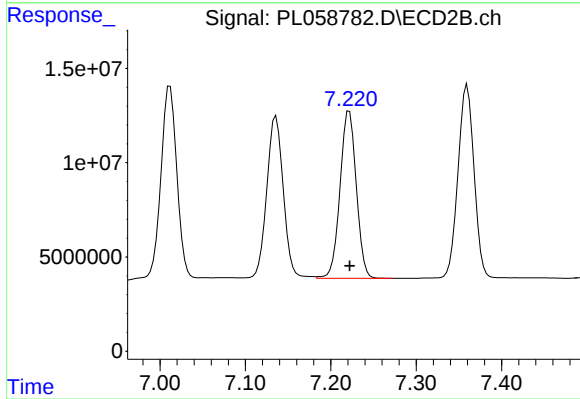
R.T.: 6.921 min  
Delta R.T.: 0.000 min  
Response: 128473520  
Conc: 73.41 ng/ml



#17 4,4'-DDT

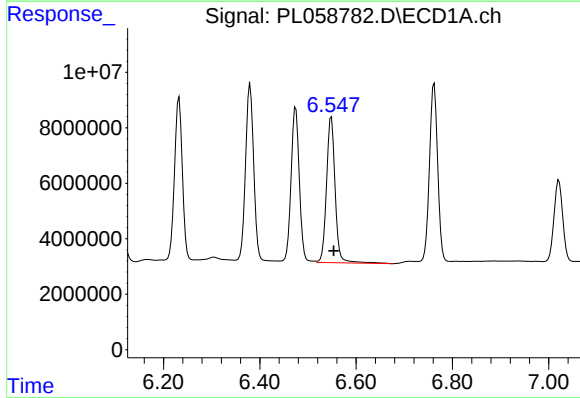
R.T.: 6.475 min  
Delta R.T.: -0.005 min  
Response: 66493674  
Conc: 54.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



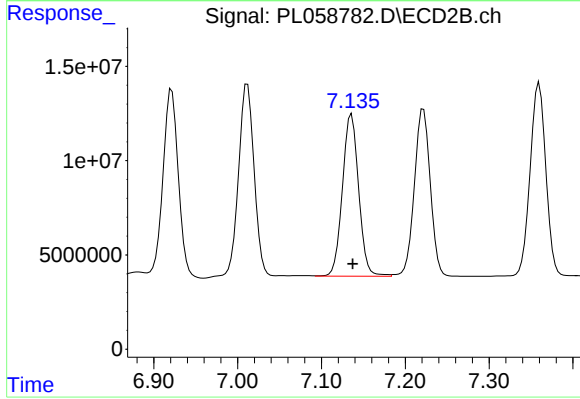
#17 4,4'-DDT

R.T.: 7.222 min  
Delta R.T.: 0.000 min  
Response: 117593147  
Conc: 69.48 ng/ml



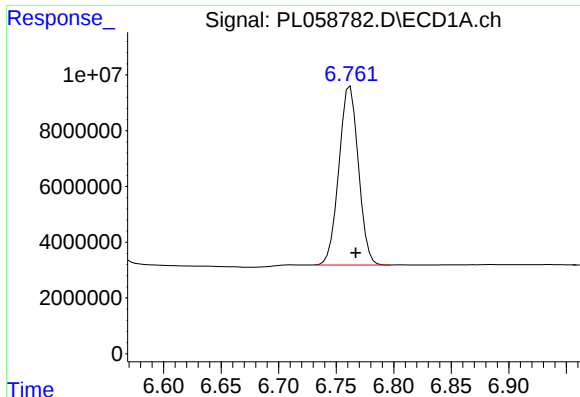
#18 Endrin aldehyde

R.T.: 6.549 min  
Delta R.T.: -0.005 min  
Response: 65925892  
Conc: 56.16 ng/ml



#18 Endrin aldehyde

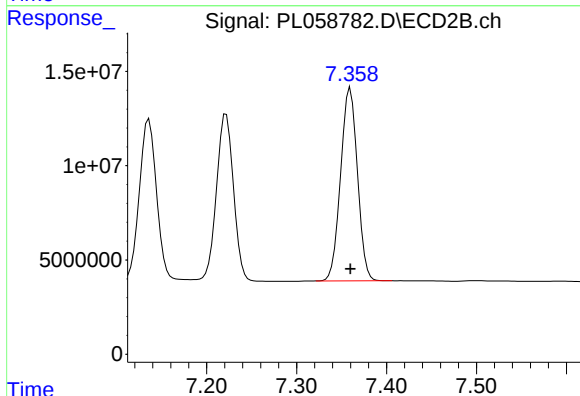
R.T.: 7.136 min  
Delta R.T.: -0.001 min  
Response: 115843655  
Conc: 67.87 ng/ml



#19 Endosulfan Sulfate

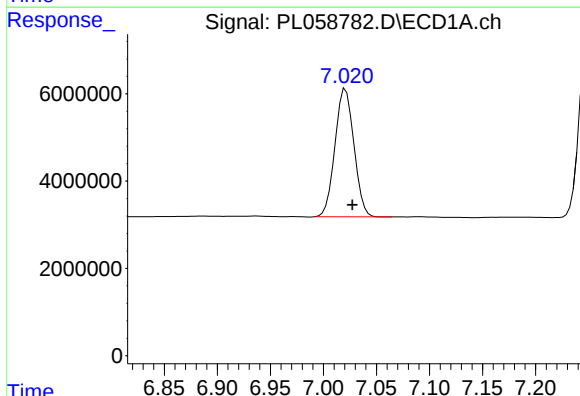
R.T.: 6.762 min  
Delta R.T.: -0.005 min  
Response: 75777298  
Conc: 57.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



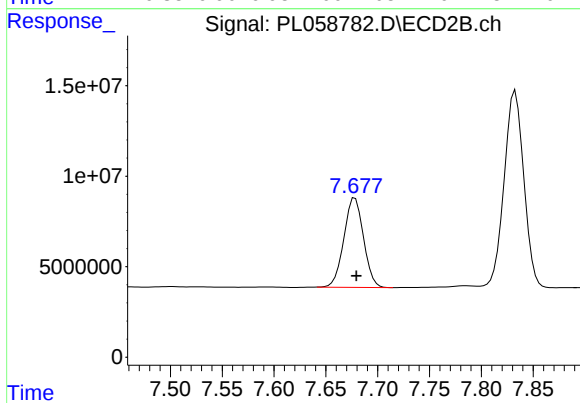
#19 Endosulfan Sulfate

R.T.: 7.360 min  
Delta R.T.: 0.000 min  
Response: 133183477  
Conc: 71.16 ng/ml



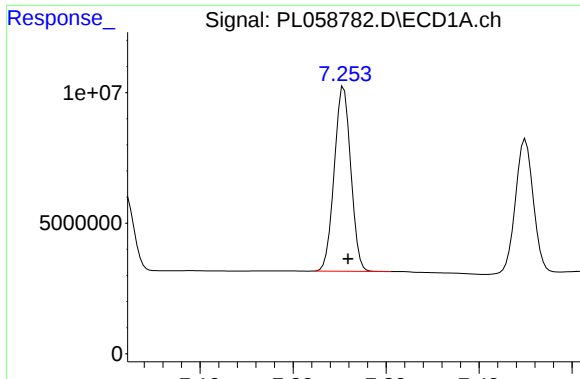
#20 Methoxychlor

R.T.: 7.021 min  
Delta R.T.: -0.006 min  
Response: 36452154  
Conc: 56.15 ng/ml



#20 Methoxychlor

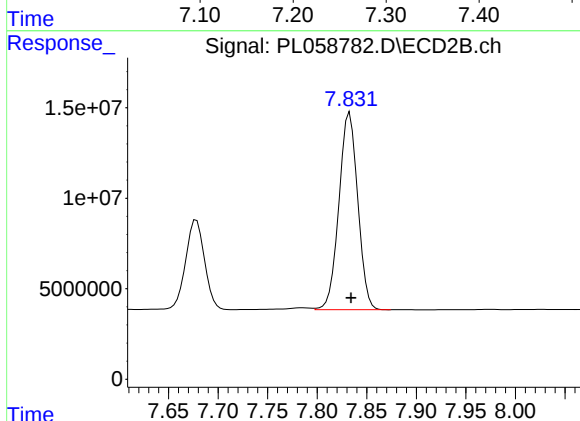
R.T.: 7.678 min  
Delta R.T.: -0.001 min  
Response: 65180088  
Conc: 66.36 ng/ml



#21 Endrin ketone

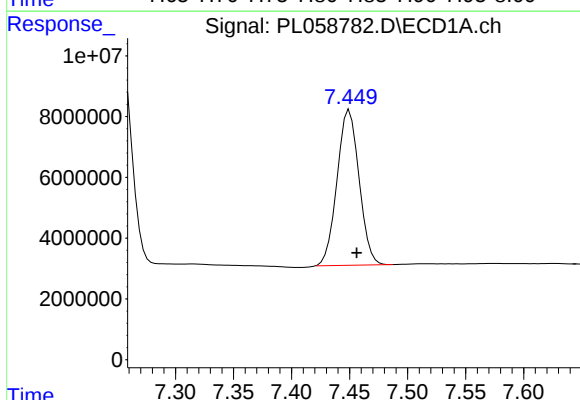
R.T.: 7.255 min  
Delta R.T.: -0.005 min  
Response: 87438764  
Conc: 58.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



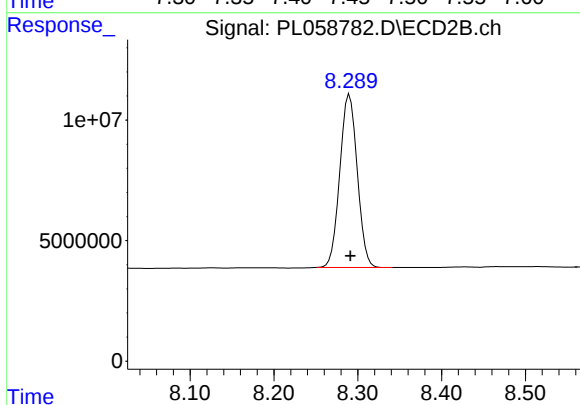
#21 Endrin ketone

R.T.: 7.833 min  
Delta R.T.: -0.001 min  
Response: 144060463  
Conc: 71.52 ng/ml



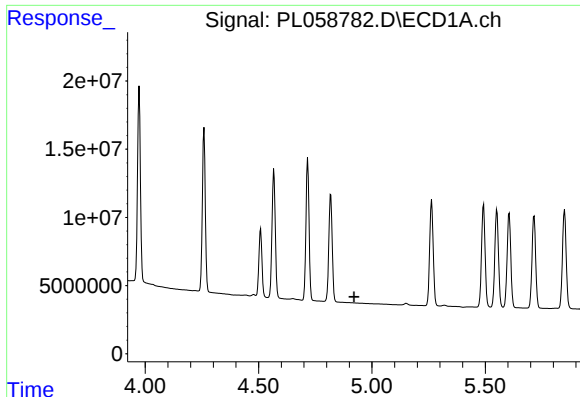
#22 Mirex

R.T.: 7.450 min  
Delta R.T.: -0.006 min  
Response: 67581552  
Conc: 55.27 ng/ml



#22 Mirex

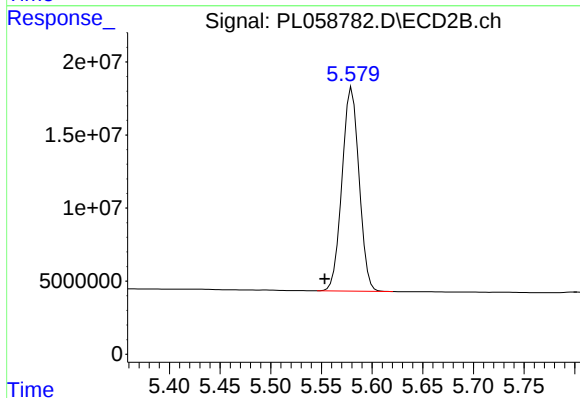
R.T.: 8.290 min  
Delta R.T.: -0.001 min  
Response: 103891371  
Conc: 66.12 ng/ml



#24 Chlordane-2

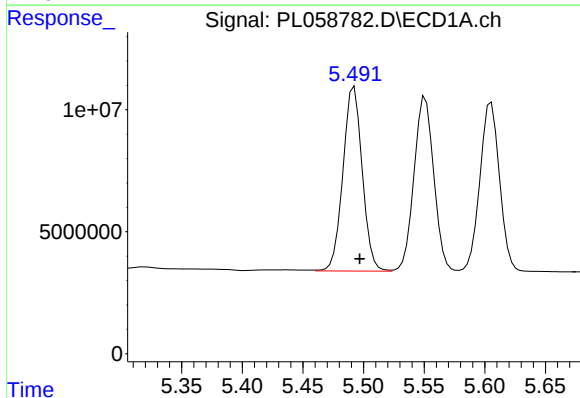
R.T.: 0.000 min  
Exp R.T.: 4.922 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



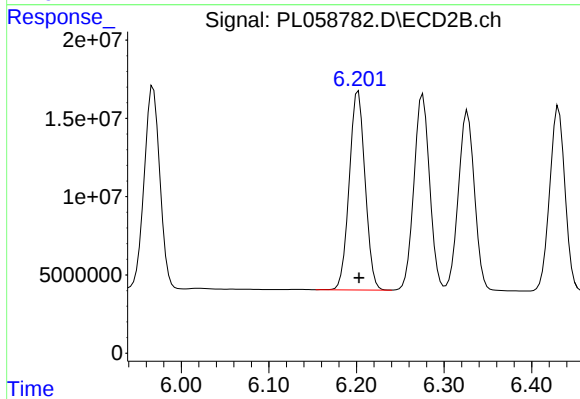
#24 Chlordane-2

R.T.: 5.580 min  
Delta R.T.: 0.027 min  
Response: 162665216  
Conc: 1903.51 ng/ml



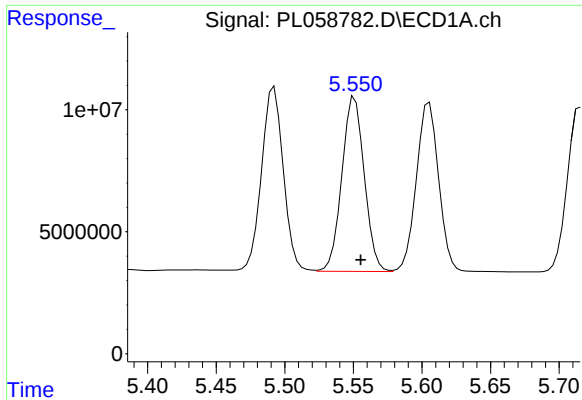
#25 Chlordane-3

R.T.: 5.492 min  
Delta R.T.: -0.005 min  
Response: 83431430  
Conc: 596.35 ng/ml



#25 Chlordane-3

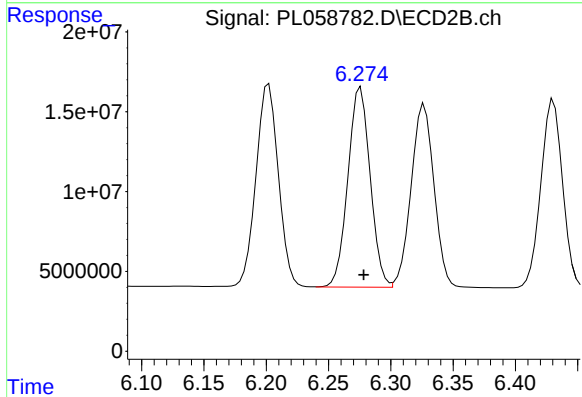
R.T.: 6.202 min  
Delta R.T.: 0.000 min  
Response: 159491650  
Conc: 526.58 ng/ml



#26 Chlordane-4

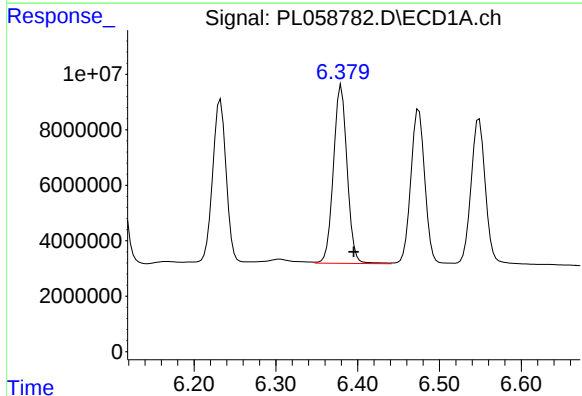
R.T.: 5.551 min  
Delta R.T.: -0.004 min  
Response: 81403995  
Conc: 709.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



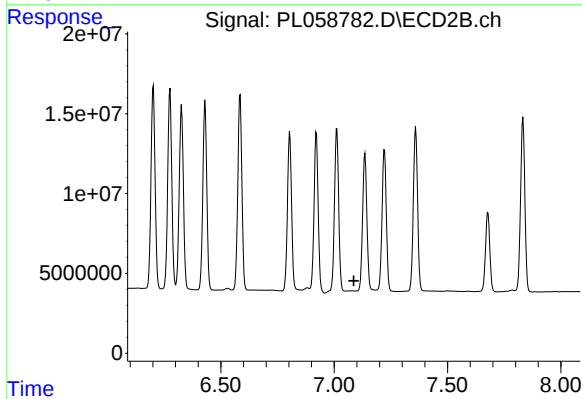
#26 Chlordane-4

R.T.: 6.276 min  
Delta R.T.: -0.002 min  
Response: 156471057  
Conc: 429.32 ng/ml



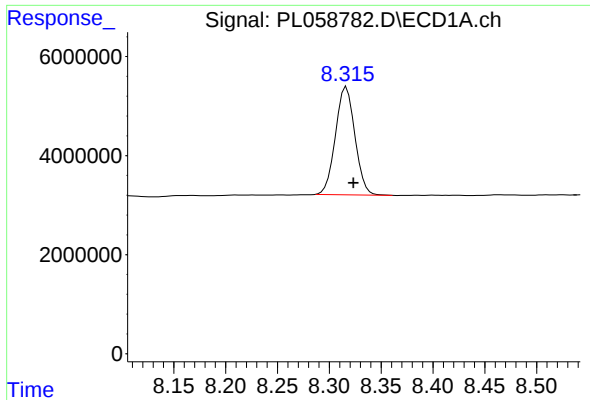
#27 Chlordane-5

R.T.: 6.380 min  
Delta R.T.: -0.015 min  
Response: 74997140  
Conc: 1536.58 ng/ml



#27 Chlordane-5

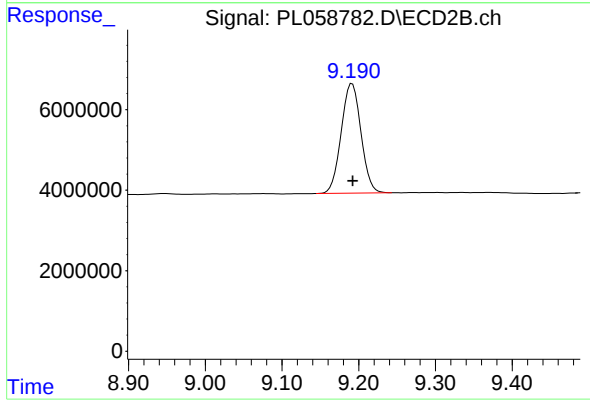
R.T.: 0.000 min  
Exp R.T.: 7.087 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.317 min  
Delta R.T.: -0.007 min  
Response: 28472140  
Conc: 21.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.191 min  
Delta R.T.: 0.000 min  
Response: 48940648  
Conc: 27.69 ng/ml