

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102222\  
 Data File : PL078459.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Oct 2022 12:06  
 Operator : AR\AJ  
 Sample : PB148453BSD  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 22 01:51:31 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102122.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 21 07:08:41 2022  
 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... | 3.327  | 2.584 | 47271495 | 61642496 | 24.788   | 24.143    |
| 28)                         | SA Decachlor... | 8.780  | 7.658 | 42165921 | 47742263 | 28.029   | 25.206    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.788  | 3.072 | 137.3E6  | 176.2E6  | 47.819   | 44.611    |
| 3)                          | MA gamma-BHC... | 4.121  | 3.393 | 128.7E6  | 162.7E6  | 48.188   | 45.272    |
| 4)                          | MA Heptachlor   | 4.692  | 3.721 | 128.2E6  | 158.8E6  | 49.388   | 45.806    |
| 5)                          | MB Aldrin       | 5.030  | 3.993 | 125.5E6  | 165.6E6  | 50.684   | 47.277    |
| 6)                          | B beta-BHC      | 4.336  | 3.693 | 52330008 | 61845689 | 45.427   | 43.103    |
| 7)                          | B delta-BHC     | 4.576  | 3.913 | 118.4E6  | 163.7E6  | 52.014   | 44.953    |
| 8)                          | B Heptachlo...  | 5.464  | 4.490 | 109.8E6  | 137.8E6  | 51.725   | 45.730    |
| 9)                          | A Endosulfan I  | 5.848  | 4.853 | 104.1E6  | 131.9E6  | 48.791   | 46.070    |
| 10)                         | B gamma-Chl...  | 5.719  | 4.738 | 113.9E6  | 139.6E6  | 50.470   | 45.569    |
| 11)                         | B alpha-Chl...  | 5.795  | 4.800 | 112.8E6  | 136.6E6  | 48.733   | 45.833    |
| 12)                         | B 4,4'-DDE      | 5.979  | 4.995 | 98471450 | 120.3E6  | 49.202   | 44.199    |
| 13)                         | MA Dieldrin     | 6.125  | 5.115 | 110.1E6  | 125.2E6  | 51.067   | 42.256    |
| 14)                         | MA Endrin       | 6.356  | 5.386 | 90712524 | 122.1E6  | 47.798   | 46.886    |
| 15)                         | B Endosulfa...  | 6.585  | 5.683 | 89329927 | 114.9E6  | 47.613   | 50.471    |
| 16)                         | A 4,4'-DDD      | 6.503  | 5.547 | 80925176 | 87796555 | 48.545   | 39.973    |
| 17)                         | MA 4,4'-DDT     | 6.813  | 5.793 | 84590384 | 91047005 | 47.196   | 41.974    |
| 18)                         | B Endrin al...  | 6.717  | 5.861 | 77476760 | 75136594 | 53.246   | 40.035    |
| 19)                         | B Endosulfa...  | 6.950  | 6.084 | 90972430 | 112.7E6  | 49.443   | 47.352    |
| 20)                         | A Methoxychlor  | 7.298  | 6.371 | 44002754 | 45712128 | 47.783   | 40.282    |
| 21)                         | B Endrin ke...  | 7.436  | 6.580 | 98345684 | 115.5E6  | 52.273   | 44.677    |
| 22)                         | Mirex           | 7.893  | 6.753 | 75272313 | 91567291 | 51.563   | 46.529    |
| 24)                         | Chlordane-2     | 5.030f | 0.000 | 125.5E6  | 0        | 1517.082 | N.D. #    |
| 25)                         | Chlordane-3     | 5.719  | 4.738 | 113.9E6  | 139.6E6  | 341.027  | 458.169 # |
| 26)                         | Chlordane-4     | 5.795  | 4.800 | 112.8E6  | 136.6E6  | 274.655  | 418.042 # |
| -----                       |                 |        |       |          |          |          |           |

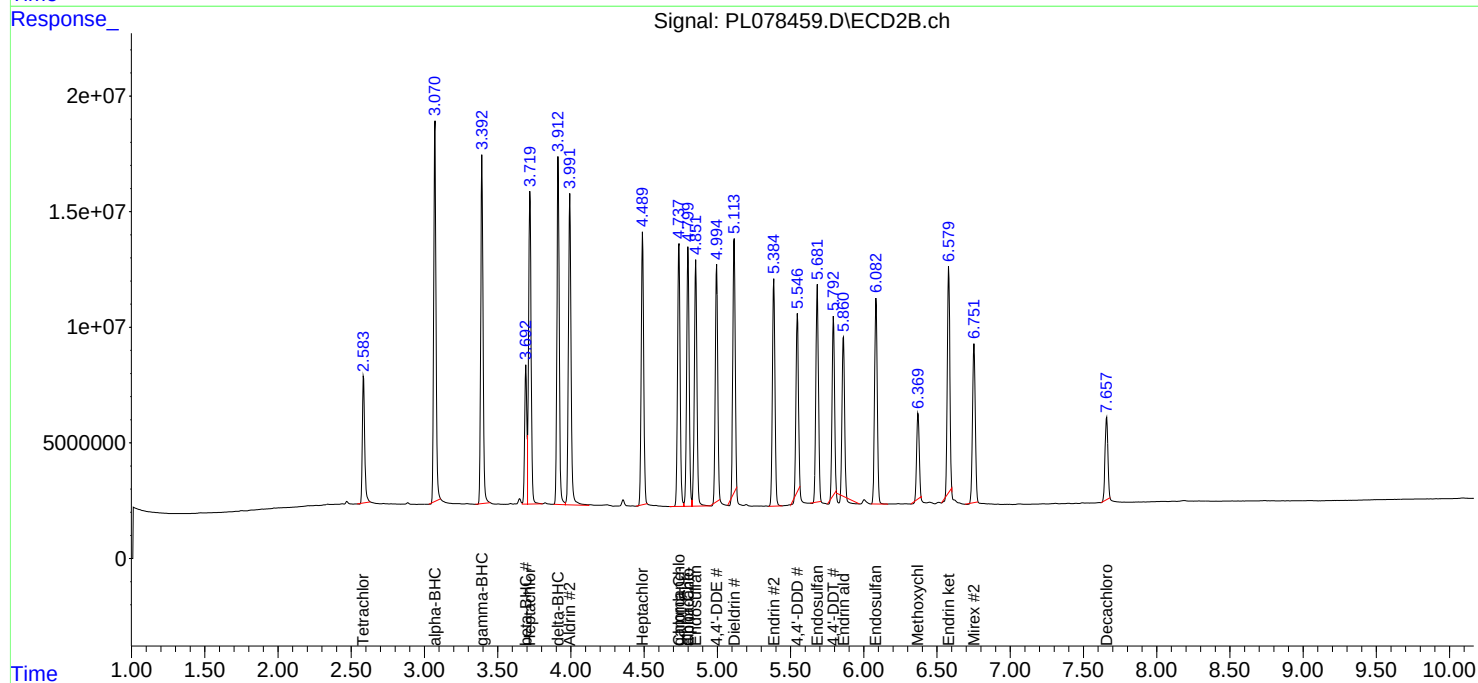
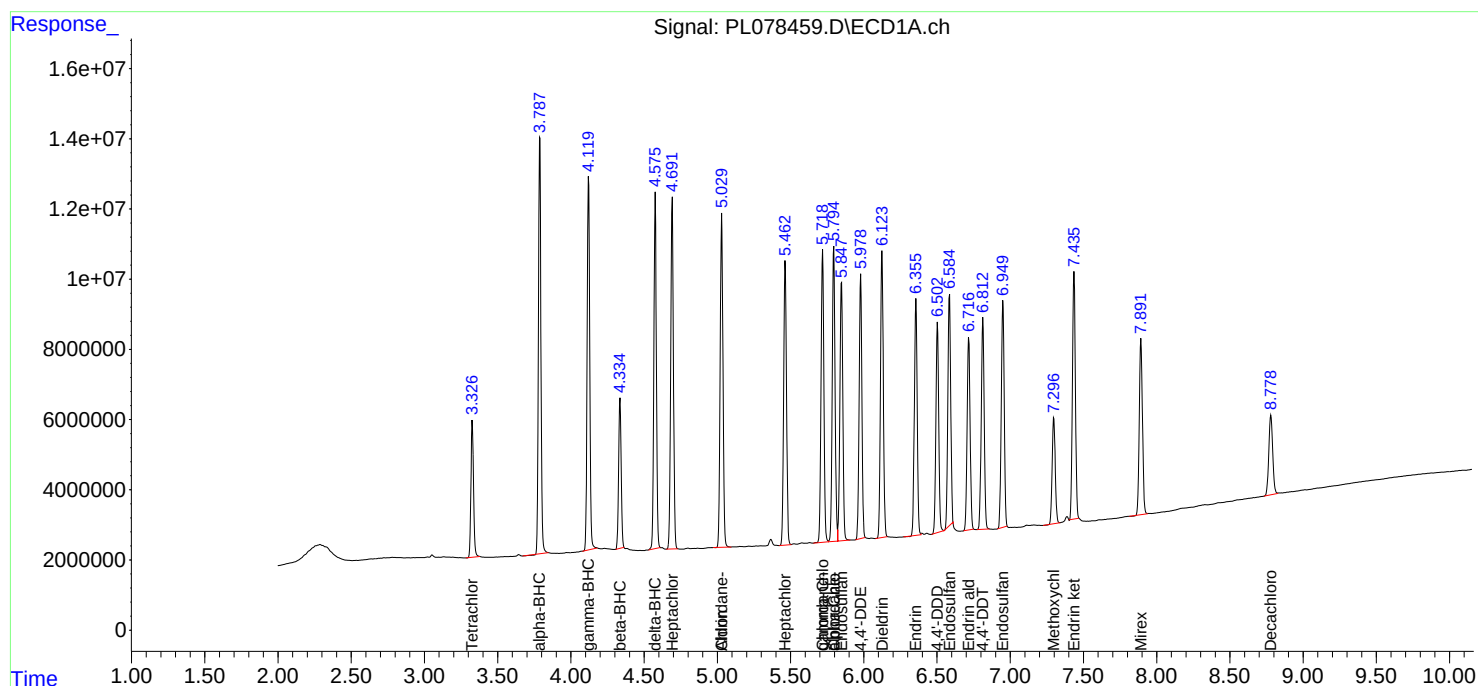
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

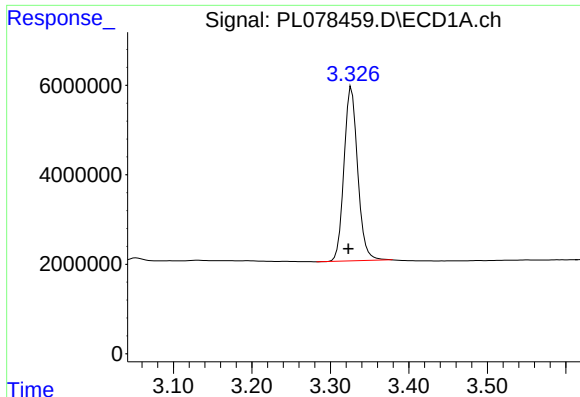
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102222\  
Data File : PL078459.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Oct 2022 12:06  
Operator : AR\AJ  
Sample : PB148453BSD  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 22 01:51:31 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102122.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 21 07:08:41 2022  
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

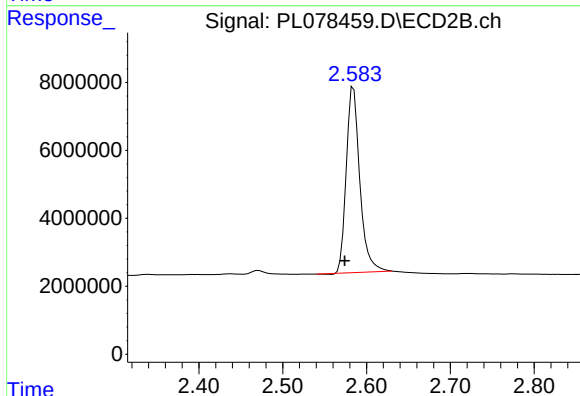




#1 Tetrachloro-m-xylene

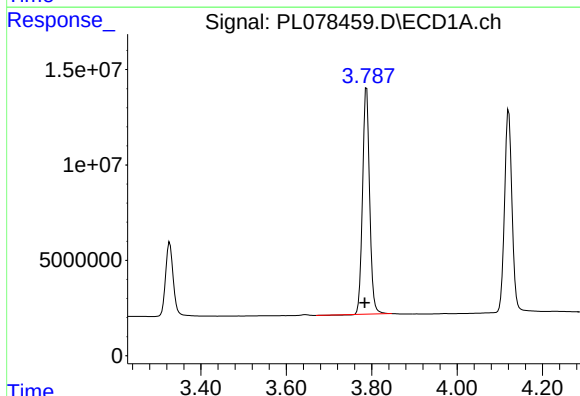
R.T.: 3.327 min  
Delta R.T.: 0.004 min  
Response: 47271495  
Conc: 24.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



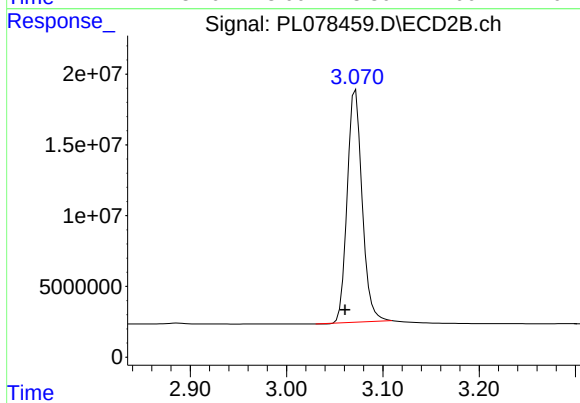
#1 Tetrachloro-m-xylene

R.T.: 2.584 min  
Delta R.T.: 0.011 min  
Response: 61642496  
Conc: 24.14 ng/ml



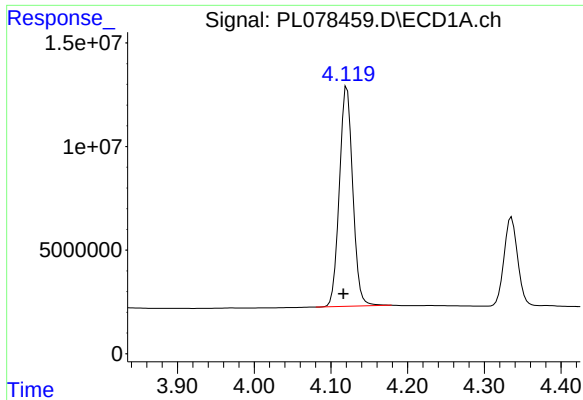
#2 alpha-BHC

R.T.: 3.788 min  
Delta R.T.: 0.004 min  
Response: 137307141  
Conc: 47.82 ng/ml



#2 alpha-BHC

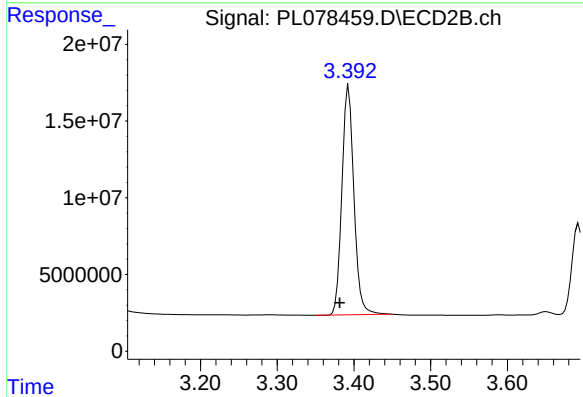
R.T.: 3.072 min  
Delta R.T.: 0.011 min  
Response: 176171177  
Conc: 44.61 ng/ml



#3 gamma-BHC (Lindane)

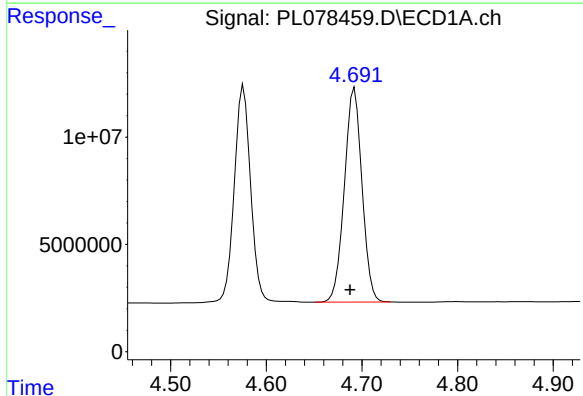
R.T.: 4.121 min  
Delta R.T.: 0.004 min  
Response: 128745286  
Conc: 48.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



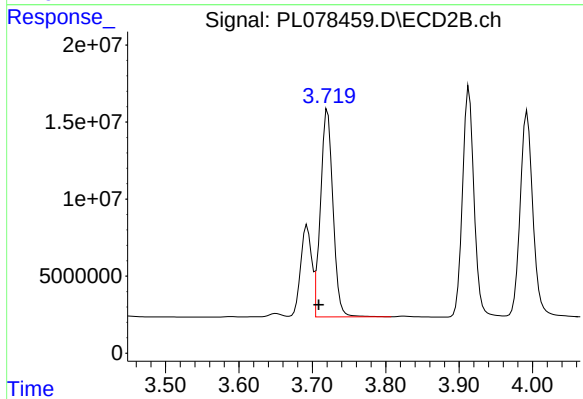
#3 gamma-BHC (Lindane)

R.T.: 3.393 min  
Delta R.T.: 0.011 min  
Response: 162714780  
Conc: 45.27 ng/ml



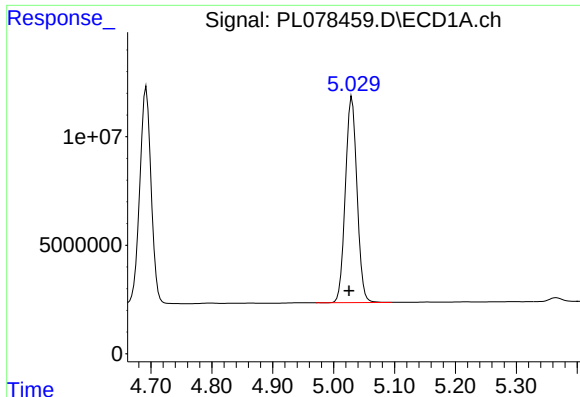
#4 Heptachlor

R.T.: 4.692 min  
Delta R.T.: 0.005 min  
Response: 128210969  
Conc: 49.39 ng/ml



#4 Heptachlor

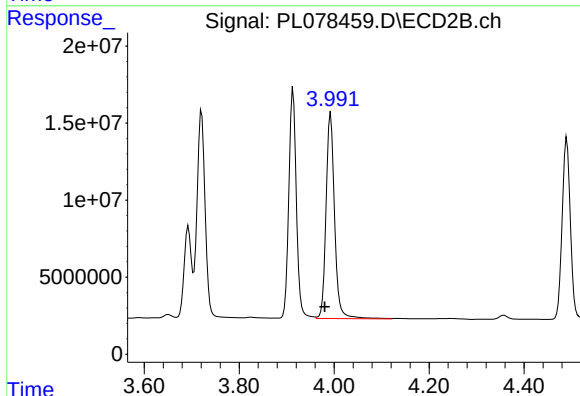
R.T.: 3.721 min  
Delta R.T.: 0.012 min  
Response: 158848093  
Conc: 45.81 ng/ml



#5 Aldrin

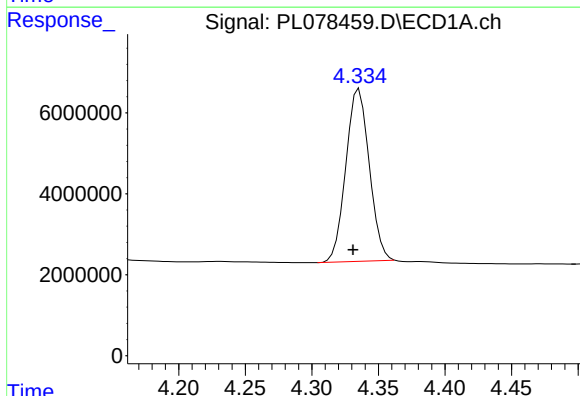
R.T.: 5.030 min  
Delta R.T.: 0.005 min  
Response: 125529139  
Conc: 50.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



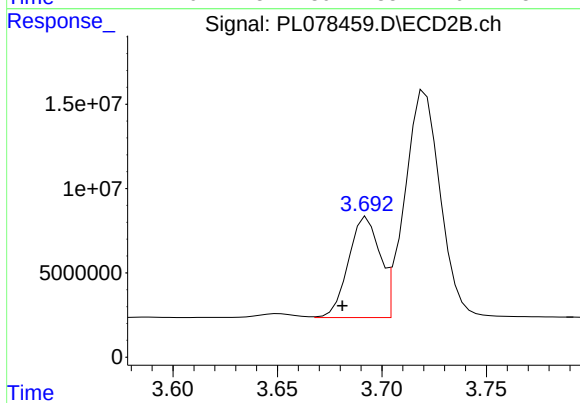
#5 Aldrin

R.T.: 3.993 min  
Delta R.T.: 0.012 min  
Response: 165550491  
Conc: 47.28 ng/ml



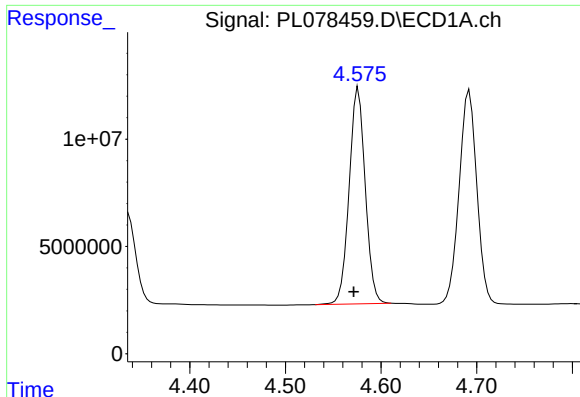
#6 beta-BHC

R.T.: 4.336 min  
Delta R.T.: 0.004 min  
Response: 52330008  
Conc: 45.43 ng/ml



#6 beta-BHC

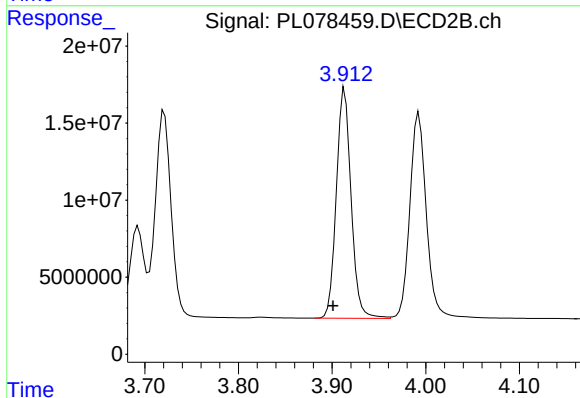
R.T.: 3.693 min  
Delta R.T.: 0.012 min  
Response: 61845689  
Conc: 43.10 ng/ml



#7 delta-BHC

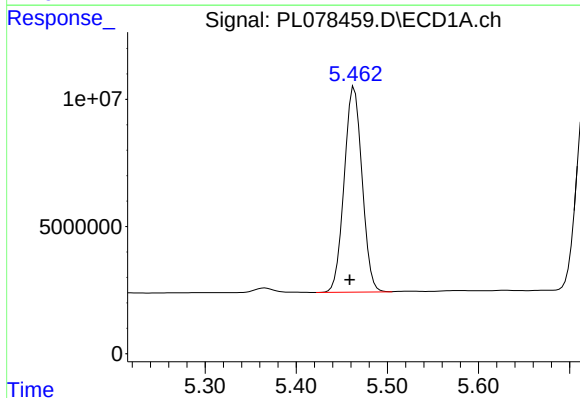
R.T.: 4.576 min  
Delta R.T.: 0.005 min  
Response: 118427462  
Conc: 52.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



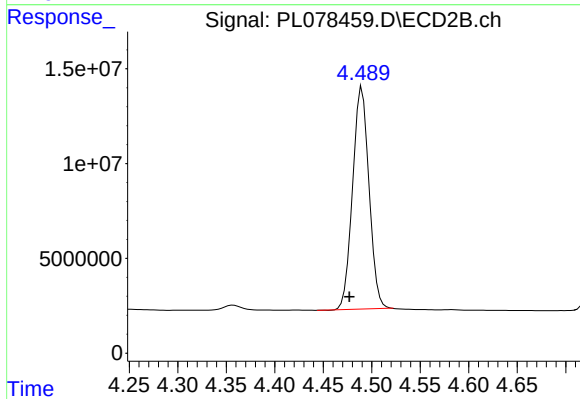
#7 delta-BHC

R.T.: 3.913 min  
Delta R.T.: 0.013 min  
Response: 163687835  
Conc: 44.95 ng/ml



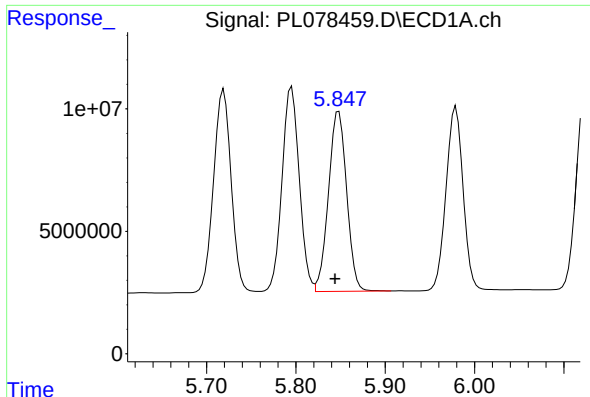
#8 Heptachlor epoxide

R.T.: 5.464 min  
Delta R.T.: 0.005 min  
Response: 109813817  
Conc: 51.73 ng/ml



#8 Heptachlor epoxide

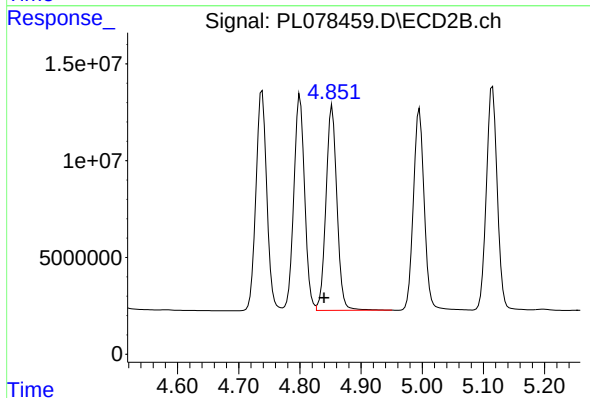
R.T.: 4.490 min  
Delta R.T.: 0.013 min  
Response: 137793815  
Conc: 45.73 ng/ml



#9 Endosulfan I

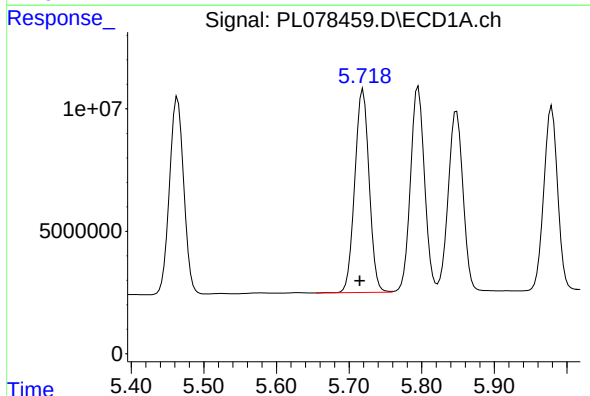
R.T.: 5.848 min  
Delta R.T.: 0.004 min  
Response: 104100369  
Conc: 48.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



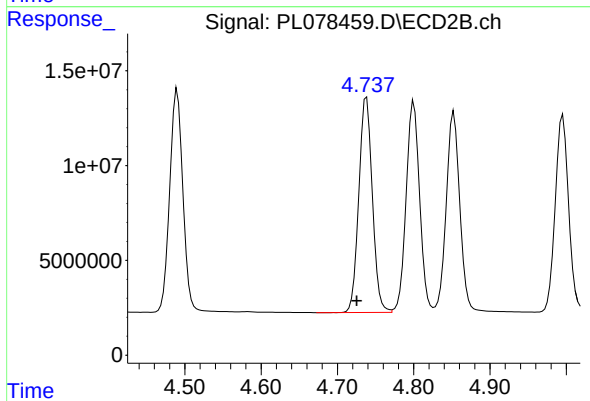
#9 Endosulfan I

R.T.: 4.853 min  
Delta R.T.: 0.013 min  
Response: 131881638  
Conc: 46.07 ng/ml



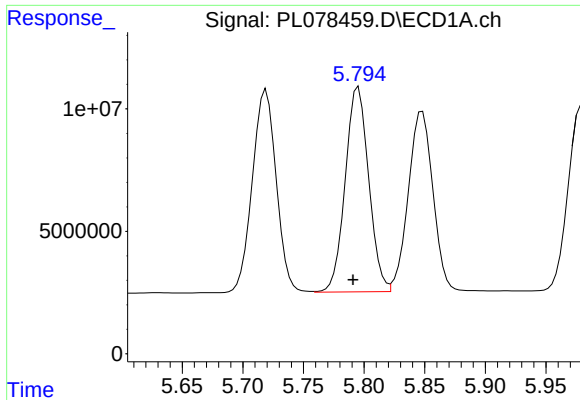
#10 gamma-Chlordane

R.T.: 5.719 min  
Delta R.T.: 0.005 min  
Response: 113917822  
Conc: 50.47 ng/ml



#10 gamma-Chlordane

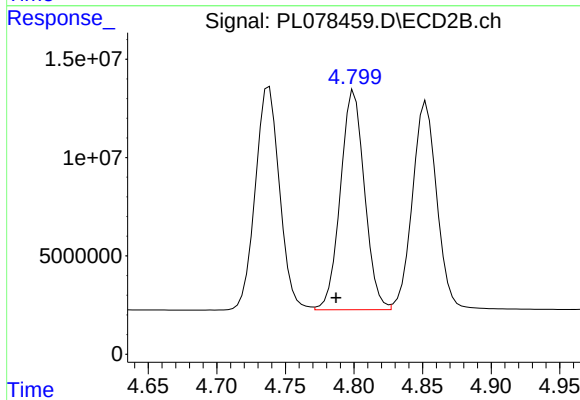
R.T.: 4.738 min  
Delta R.T.: 0.013 min  
Response: 139642798  
Conc: 45.57 ng/ml



#11 alpha-Chlordane

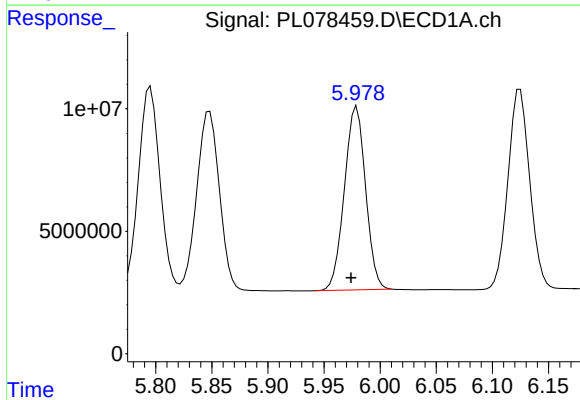
R.T.: 5.795 min  
Delta R.T.: 0.004 min  
Response: 112756967  
Conc: 48.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



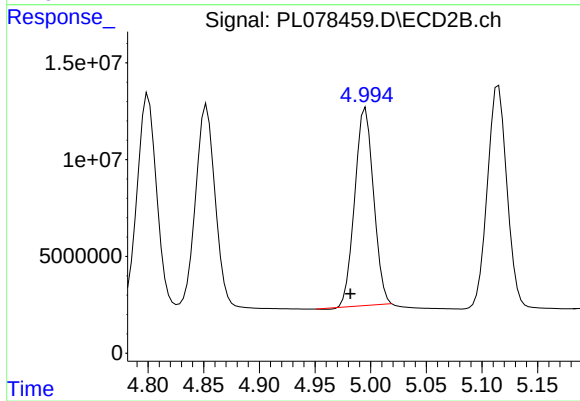
#11 alpha-Chlordane

R.T.: 4.800 min  
Delta R.T.: 0.013 min  
Response: 136600909  
Conc: 45.83 ng/ml



#12 4,4'-DDE

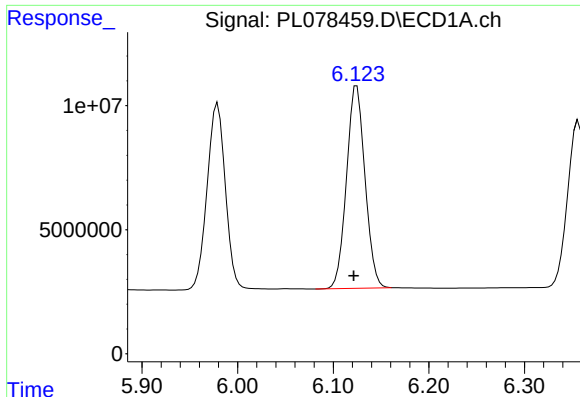
R.T.: 5.979 min  
Delta R.T.: 0.005 min  
Response: 98471450  
Conc: 49.20 ng/ml



#12 4,4'-DDE

R.T.: 4.995 min  
Delta R.T.: 0.014 min  
Response: 120333857  
Conc: 44.20 ng/ml

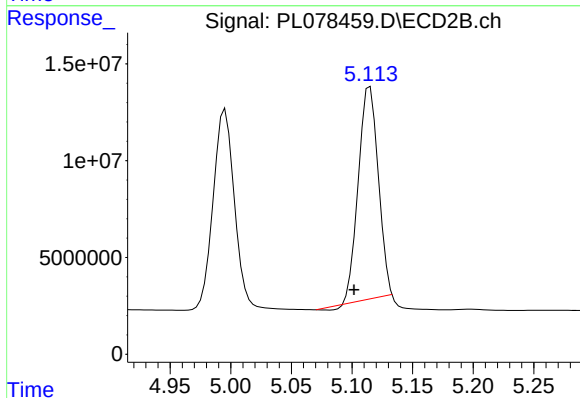




#13 Dieldrin

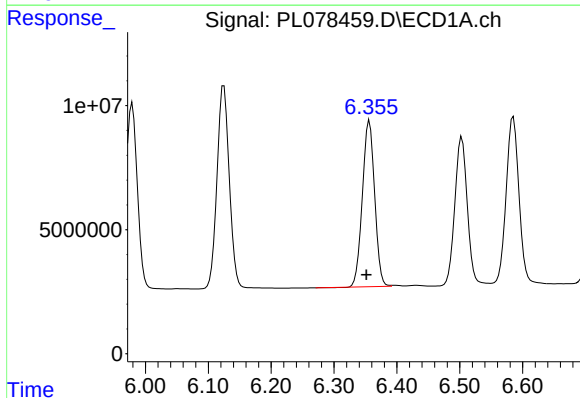
R.T.: 6.125 min  
Delta R.T.: 0.003 min  
Response: 110126484  
Conc: 51.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



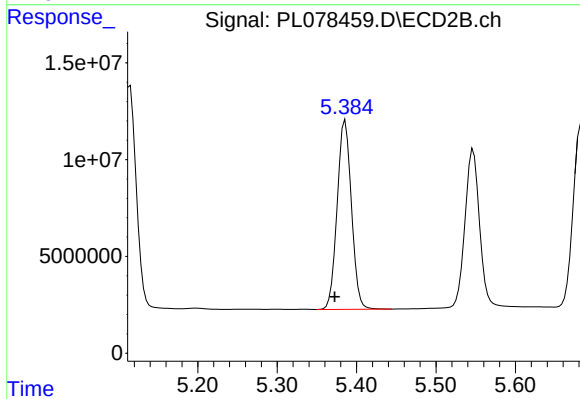
#13 Dieldrin

R.T.: 5.115 min  
Delta R.T.: 0.013 min  
Response: 125208480  
Conc: 42.26 ng/ml



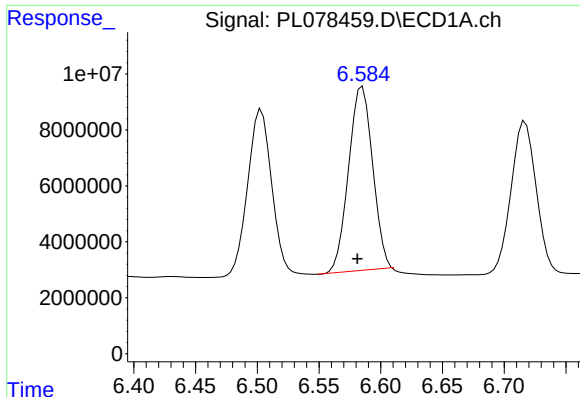
#14 Endrin

R.T.: 6.356 min  
Delta R.T.: 0.005 min  
Response: 90712524  
Conc: 47.80 ng/ml



#14 Endrin

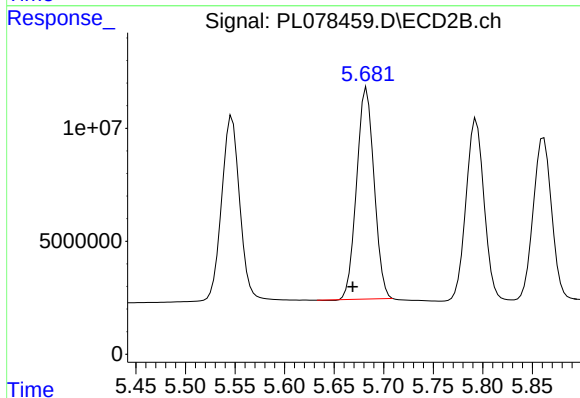
R.T.: 5.386 min  
Delta R.T.: 0.013 min  
Response: 122149015  
Conc: 46.89 ng/ml



#15 Endosulfan II

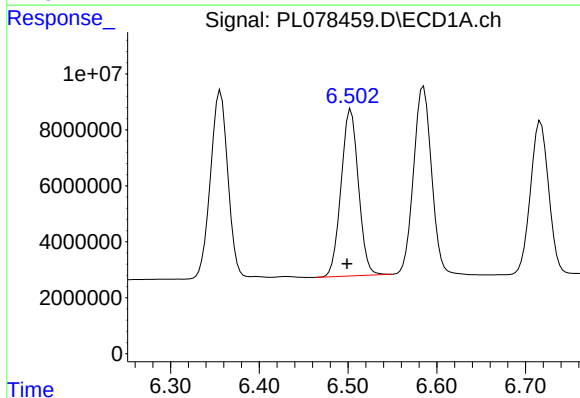
R.T.: 6.585 min  
Delta R.T.: 0.004 min  
Response: 89329927  
Conc: 47.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



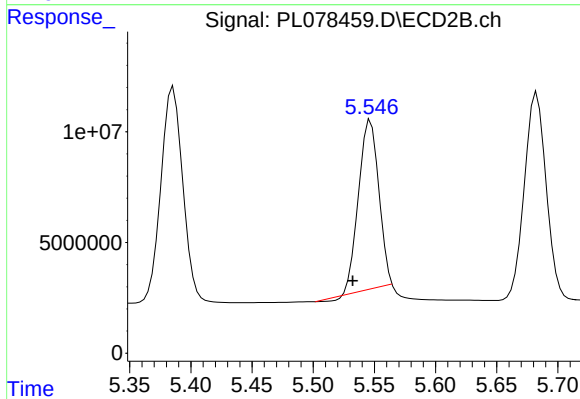
#15 Endosulfan II

R.T.: 5.683 min  
Delta R.T.: 0.014 min  
Response: 114884438  
Conc: 50.47 ng/ml



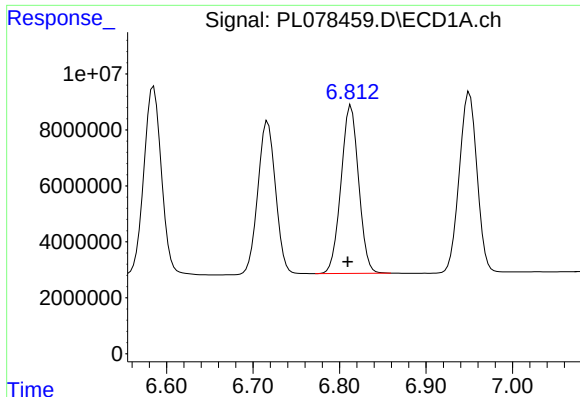
#16 4,4'-DDD

R.T.: 6.503 min  
Delta R.T.: 0.004 min  
Response: 80925176  
Conc: 48.54 ng/ml



#16 4,4'-DDD

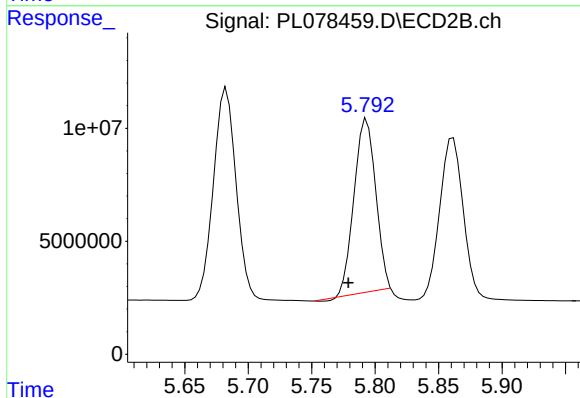
R.T.: 5.547 min  
Delta R.T.: 0.015 min  
Response: 87796555  
Conc: 39.97 ng/ml



#17 4,4'-DDT

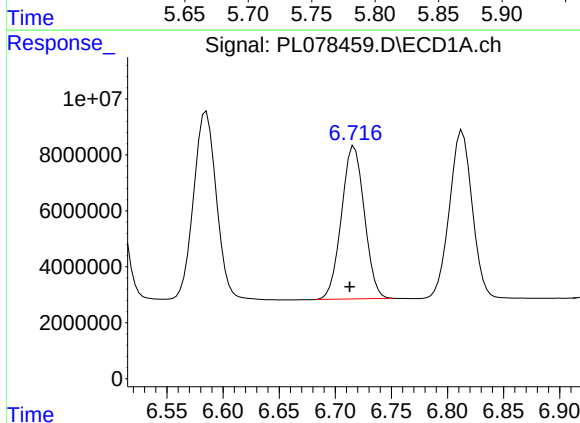
R.T.: 6.813 min  
Delta R.T.: 0.004 min  
Response: 84590384  
Conc: 47.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



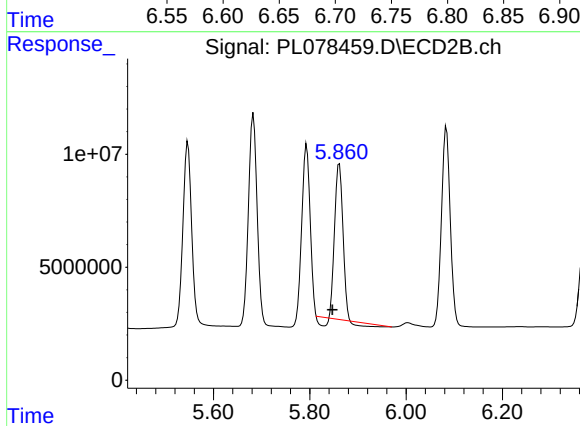
#17 4,4'-DDT

R.T.: 5.793 min  
Delta R.T.: 0.014 min  
Response: 91047005  
Conc: 41.97 ng/ml



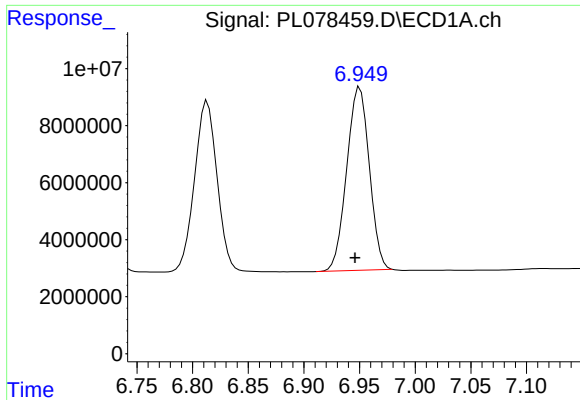
#18 Endrin aldehyde

R.T.: 6.717 min  
Delta R.T.: 0.004 min  
Response: 77476760  
Conc: 53.25 ng/ml



#18 Endrin aldehyde

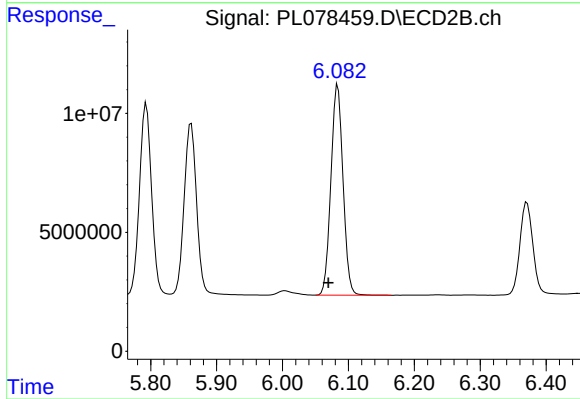
R.T.: 5.861 min  
Delta R.T.: 0.014 min  
Response: 75136594  
Conc: 40.03 ng/ml



#19 Endosulfan Sulfate

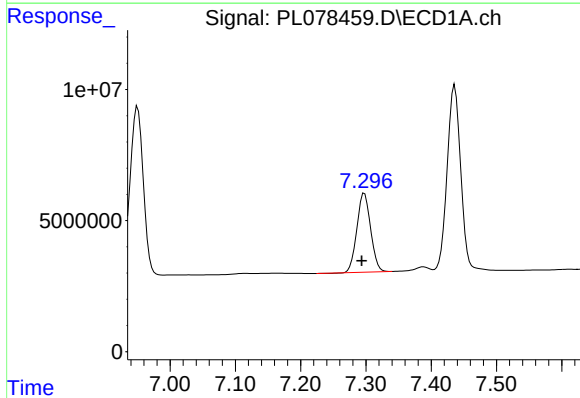
R.T.: 6.950 min  
Delta R.T.: 0.004 min  
Response: 90972430  
Conc: 49.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



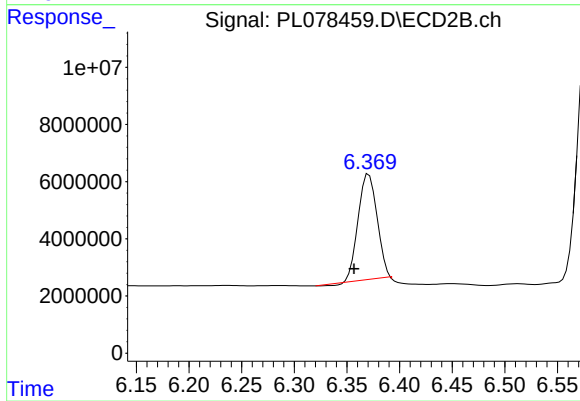
#19 Endosulfan Sulfate

R.T.: 6.084 min  
Delta R.T.: 0.014 min  
Response: 112720913  
Conc: 47.35 ng/ml



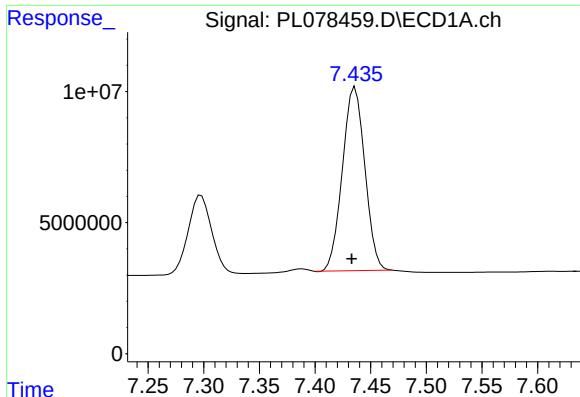
#20 Methoxychlor

R.T.: 7.298 min  
Delta R.T.: 0.004 min  
Response: 44002754  
Conc: 47.78 ng/ml



#20 Methoxychlor

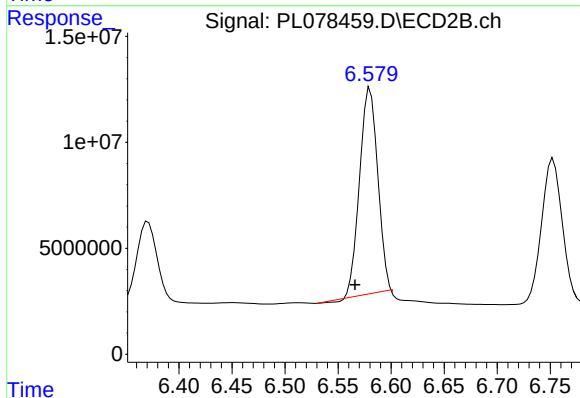
R.T.: 6.371 min  
Delta R.T.: 0.014 min  
Response: 45712128  
Conc: 40.28 ng/ml



#21 Endrin ketone

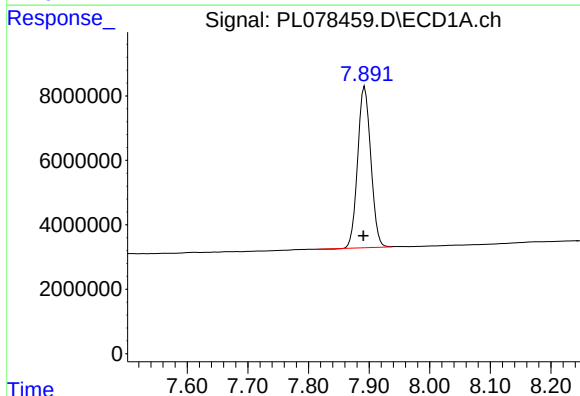
R.T.: 7.436 min  
Delta R.T.: 0.003 min  
Response: 98345684  
Conc: 52.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



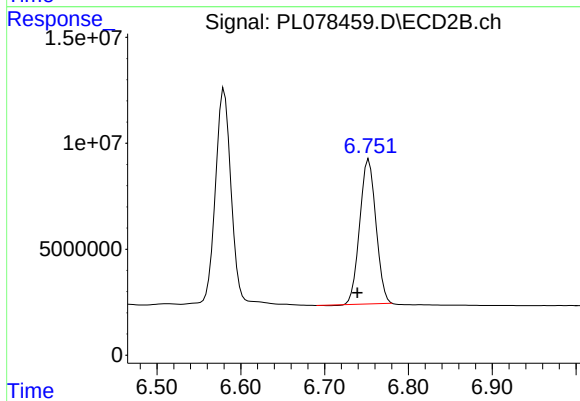
#21 Endrin ketone

R.T.: 6.580 min  
Delta R.T.: 0.014 min  
Response: 115477764  
Conc: 44.68 ng/ml



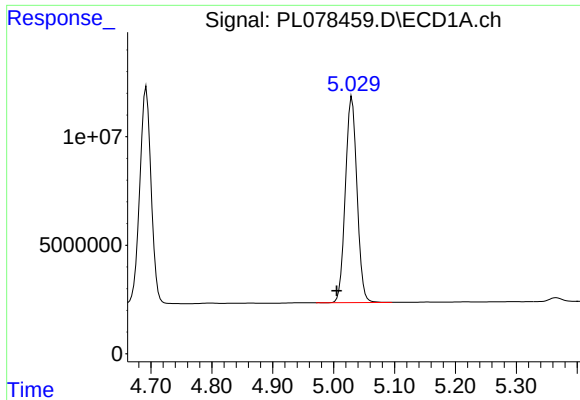
#22 Mirex

R.T.: 7.893 min  
Delta R.T.: 0.002 min  
Response: 75272313  
Conc: 51.56 ng/ml



#22 Mirex

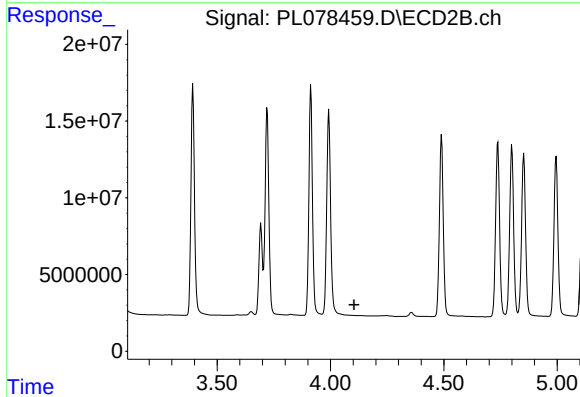
R.T.: 6.753 min  
Delta R.T.: 0.014 min  
Response: 91567291  
Conc: 46.53 ng/ml



#24 Chlordane-2

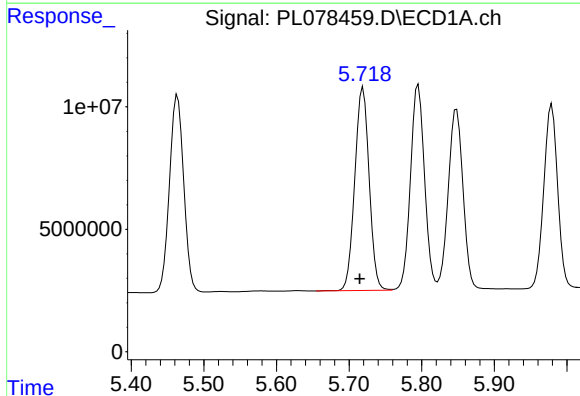
R.T.: 5.030 min  
Delta R.T.: 0.025 min  
Response: 125529139  
Conc: 1517.08 ng/m

Instrument :  
ECD\_L  
ClientSampleId :



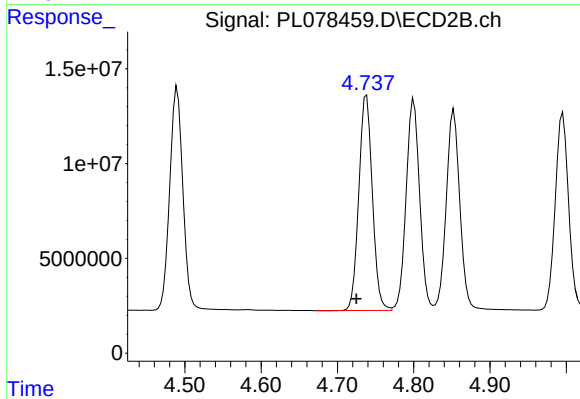
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.105 min  
Response: 0  
Conc: N.D.



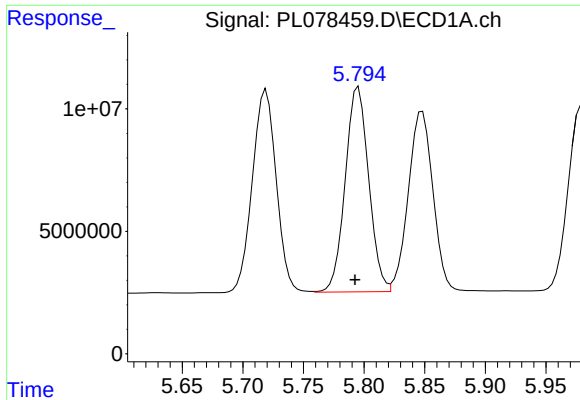
#25 Chlordane-3

R.T.: 5.719 min  
Delta R.T.: 0.005 min  
Response: 113917822  
Conc: 341.03 ng/ml



#25 Chlordane-3

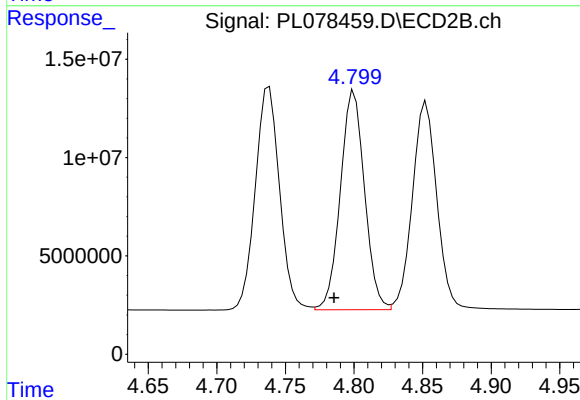
R.T.: 4.738 min  
Delta R.T.: 0.013 min  
Response: 139642798  
Conc: 458.17 ng/ml



#26 Chlordane-4

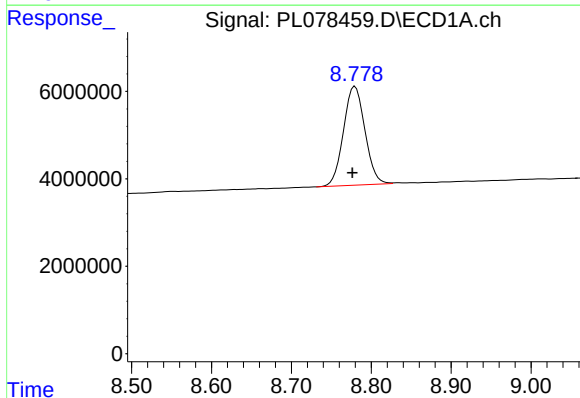
R.T.: 5.795 min  
Delta R.T.: 0.003 min  
Response: 112756967  
Conc: 274.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



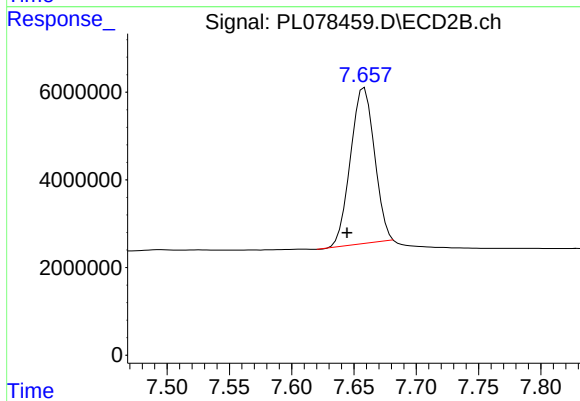
#26 Chlordane-4

R.T.: 4.800 min  
Delta R.T.: 0.015 min  
Response: 136600909  
Conc: 418.04 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.780 min  
Delta R.T.: 0.003 min  
Response: 42165921  
Conc: 28.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.658 min  
Delta R.T.: 0.014 min  
Response: 47742263  
Conc: 25.21 ng/ml