

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102422\  
 Data File : PL078489.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Oct 2022 12:01  
 Operator : AR\AJ  
 Sample : PB148474BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 24 22:36:50 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... | 3.324  | 2.573 | 45964928 | 61765104 | 24.103   | 24.191    |
| 28)                         | SA Decachlor... | 8.775  | 7.643 | 40743861 | 49642926 | 27.084   | 26.209    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.785  | 3.060 | 134.2E6  | 176.7E6  | 46.750   | 44.753    |
| 3)                          | MA gamma-BHC... | 4.117  | 3.381 | 124.9E6  | 162.4E6  | 46.746   | 45.176    |
| 4)                          | MA Heptachlor   | 4.688  | 3.708 | 121.4E6  | 154.3E6  | 46.778   | 44.501    |
| 5)                          | MB Aldrin       | 5.027  | 3.980 | 119.5E6  | 160.6E6  | 48.268   | 45.859    |
| 6)                          | B beta-BHC      | 4.332  | 3.680 | 51640828 | 61518097 | 44.828   | 42.874    |
| 7)                          | B delta-BHC     | 4.573  | 3.900 | 117.7E6  | 161.2E6  | 51.675   | 44.257    |
| 8)                          | B Heptachlo...  | 5.460  | 4.477 | 107.6E6  | 136.8E6  | 50.668   | 45.386    |
| 9)                          | A Endosulfan I  | 5.844  | 4.839 | 99097919 | 127.2E6  | 46.447   | 44.423    |
| 10)                         | B gamma-Chl...  | 5.716  | 4.725 | 108.2E6  | 136.0E6  | 47.941   | 44.396    |
| 11)                         | B alpha-Chl...  | 5.792  | 4.787 | 107.1E6  | 132.5E6  | 46.272   | 44.467    |
| 12)                         | B 4,4'-DDE      | 5.975  | 4.981 | 95401309 | 125.3E6  | 47.668   | 46.025    |
| 13)                         | MA Dieldrin     | 6.121  | 5.102 | 104.4E6  | 137.4E6  | 48.405   | 46.357    |
| 14)                         | MA Endrin       | 6.353  | 5.372 | 85042311 | 117.0E6  | 44.810   | 44.927    |
| 15)                         | B Endosulfa...  | 6.582  | 5.668 | 87112346 | 114.5E6  | 46.431   | 50.309    |
| 16)                         | A 4,4'-DDD      | 6.499  | 5.532 | 78979609 | 104.2E6  | 47.378   | 47.454    |
| 17)                         | MA 4,4'-DDT     | 6.810  | 5.779 | 79035077 | 100.7E6  | 44.096   | 46.415    |
| 18)                         | B Endrin al...  | 6.713  | 5.847 | 73596452 | 91956124 | 50.580   | 48.997    |
| 19)                         | B Endosulfa...  | 6.946  | 6.069 | 86588123 | 109.5E6  | 47.061   | 45.979    |
| 20)                         | A Methoxychlor  | 7.294  | 6.356 | 41252336 | 51388928 | 44.796   | 45.285    |
| 21)                         | B Endrin ke...  | 7.432  | 6.566 | 94405047 | 125.5E6  | 50.178   | 48.566    |
| 22)                         | Mirex           | 7.889  | 6.738 | 71153267 | 89889921 | 48.741   | 45.677    |
| 24)                         | Chlordane-2     | 5.027f | 0.000 | 119.5E6  | 0        | 1444.760 | N.D. #    |
| 25)                         | Chlordane-3     | 5.716  | 4.725 | 108.2E6  | 136.0E6  | 323.937  | 446.375 # |
| 26)                         | Chlordane-4     | 5.792  | 4.787 | 107.1E6  | 132.5E6  | 260.786  | 405.580 # |
| -----                       |                 |        |       |          |          |          |           |

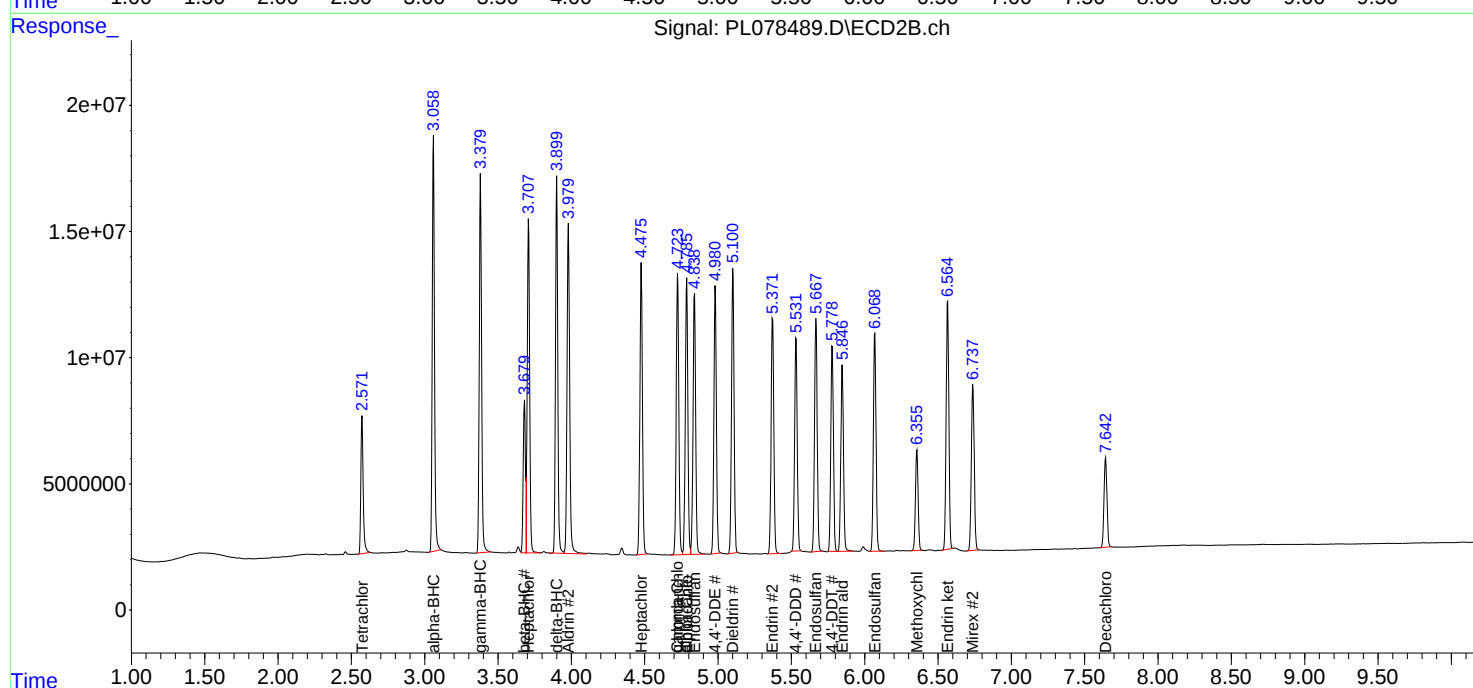
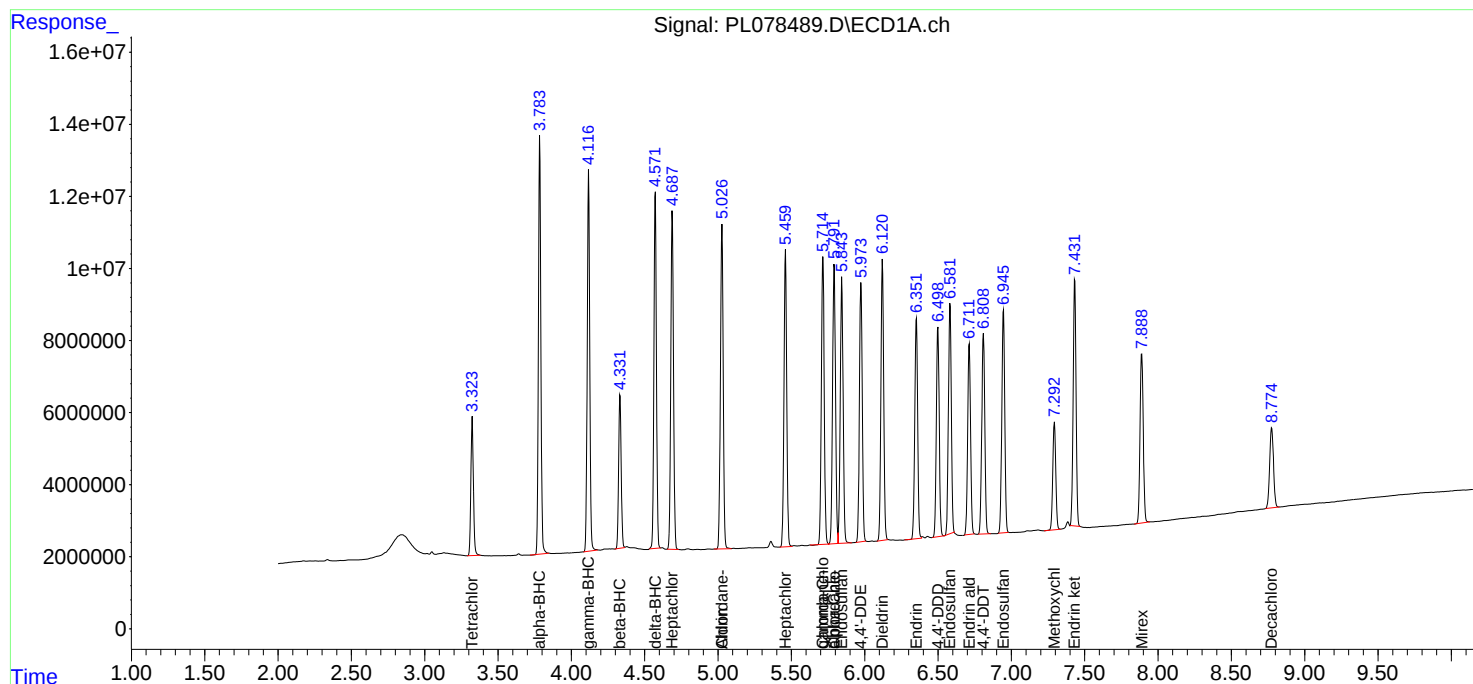
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

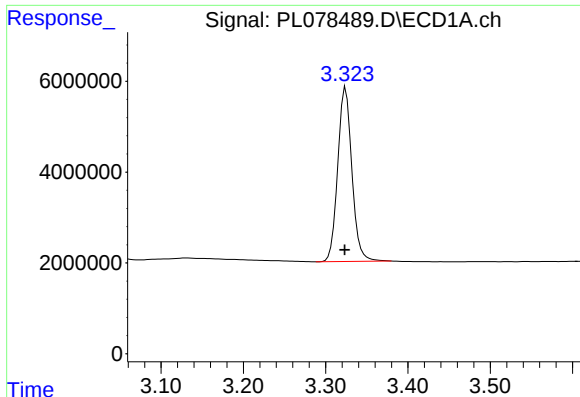
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102422\  
Data File : PL078489.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Oct 2022 12:01  
Operator : AR\AJ  
Sample : PB148474BS  
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ALS Vial : 5 Sample Multiplier: 1

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ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 22:36:50 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102122.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 21 07:08:41 2022  
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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

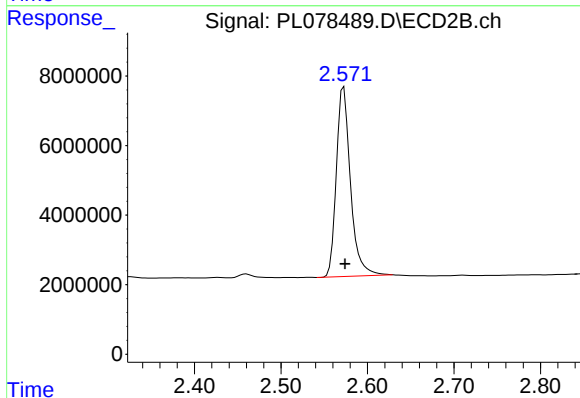




#1 Tetrachloro-m-xylene

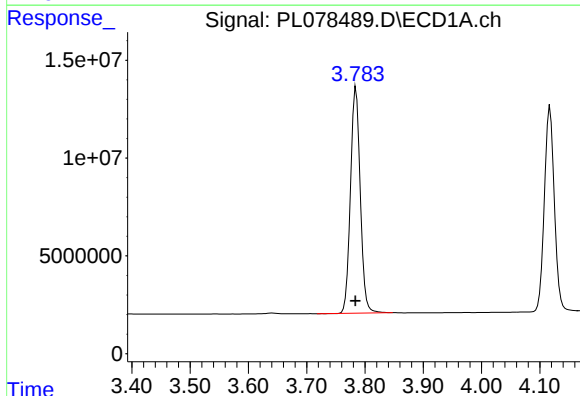
R.T.: 3.324 min  
Delta R.T.: 0.001 min  
Response: 45964928  
Conc: 24.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



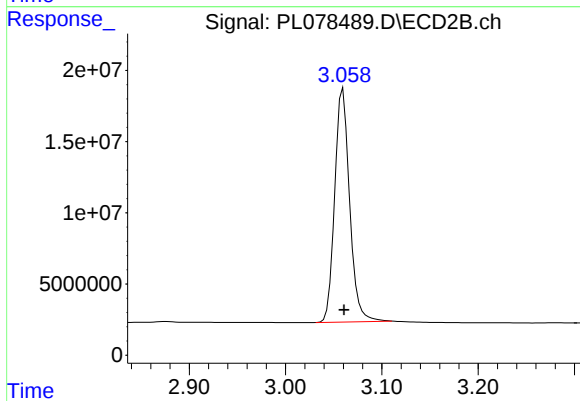
#1 Tetrachloro-m-xylene

R.T.: 2.573 min  
Delta R.T.: -0.001 min  
Response: 61765104  
Conc: 24.19 ng/ml



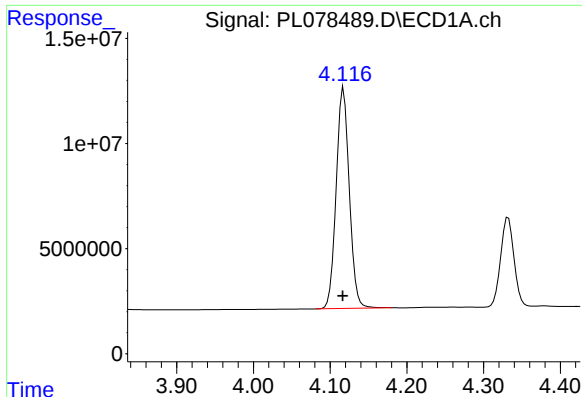
#2 alpha-BHC

R.T.: 3.785 min  
Delta R.T.: 0.000 min  
Response: 134236465  
Conc: 46.75 ng/ml



#2 alpha-BHC

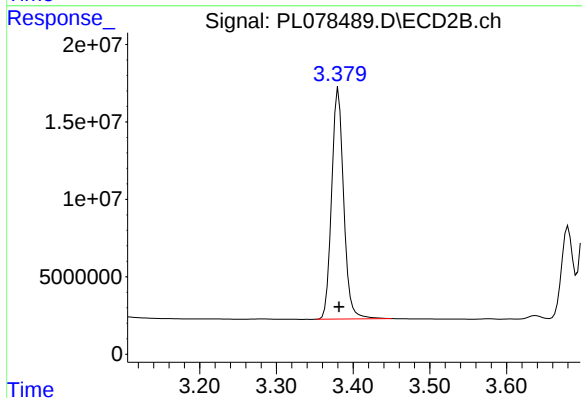
R.T.: 3.060 min  
Delta R.T.: 0.000 min  
Response: 176729630  
Conc: 44.75 ng/ml



#3 gamma-BHC (Lindane)

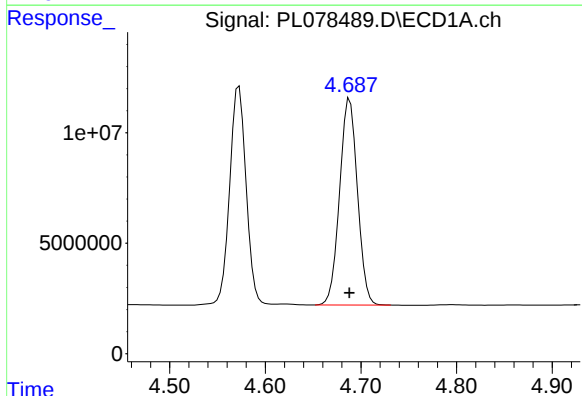
R.T.: 4.117 min  
Delta R.T.: 0.001 min  
Response: 124892024  
Conc: 46.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



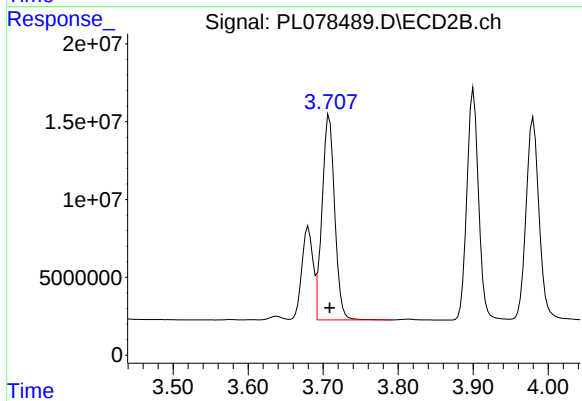
#3 gamma-BHC (Lindane)

R.T.: 3.381 min  
Delta R.T.: 0.000 min  
Response: 162372294  
Conc: 45.18 ng/ml



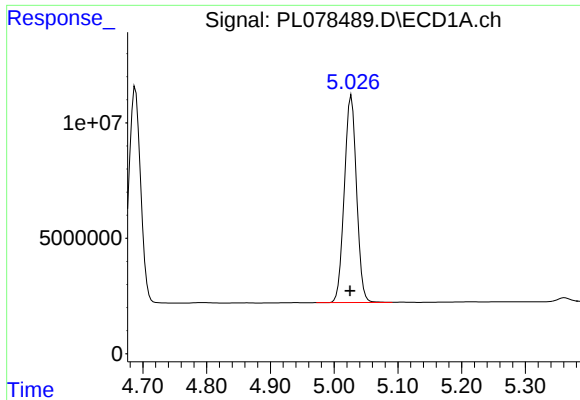
#4 Heptachlor

R.T.: 4.688 min  
Delta R.T.: 0.000 min  
Response: 121435833  
Conc: 46.78 ng/ml



#4 Heptachlor

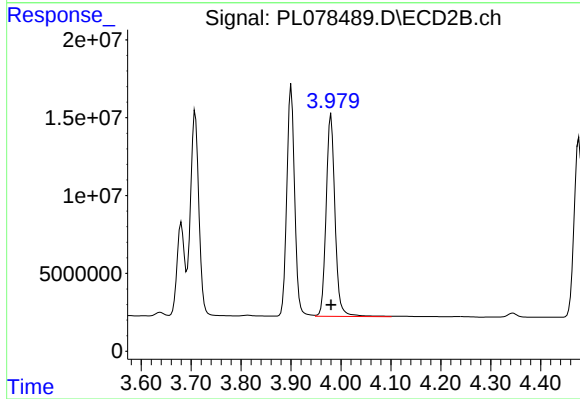
R.T.: 3.708 min  
Delta R.T.: 0.000 min  
Response: 154321081  
Conc: 44.50 ng/ml



#5 Aldrin

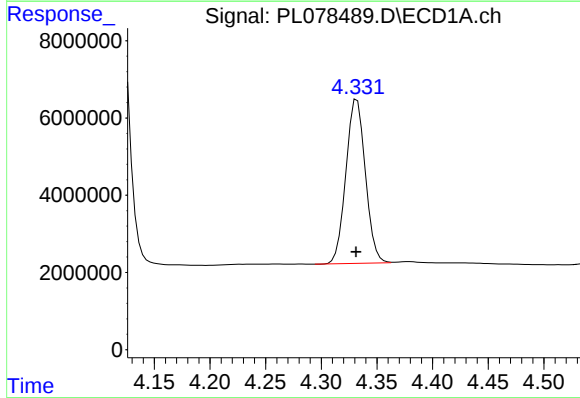
R.T.: 5.027 min  
Delta R.T.: 0.002 min  
Response: 119544936  
Conc: 48.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



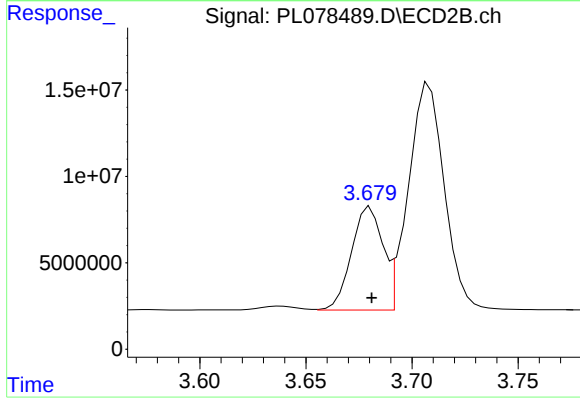
#5 Aldrin

R.T.: 3.980 min  
Delta R.T.: 0.000 min  
Response: 160584441  
Conc: 45.86 ng/ml



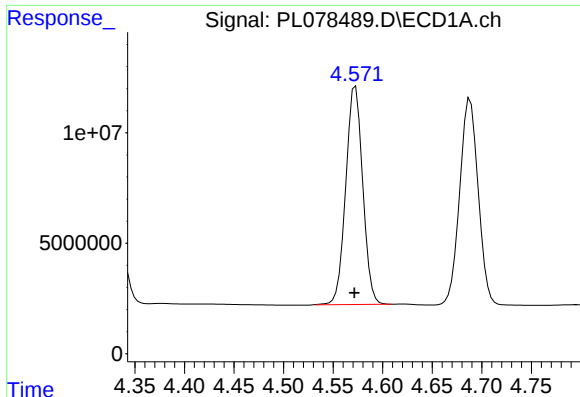
#6 beta-BHC

R.T.: 4.332 min  
Delta R.T.: 0.001 min  
Response: 51640828  
Conc: 44.83 ng/ml



#6 beta-BHC

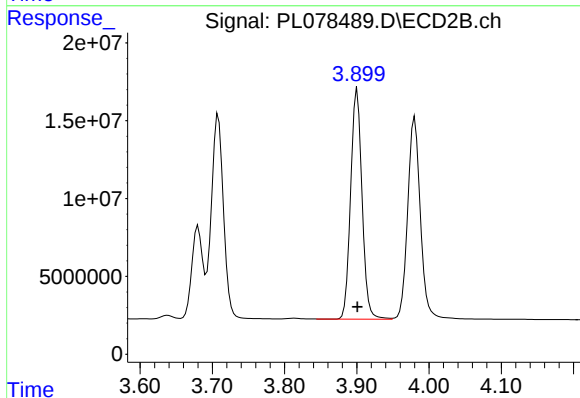
R.T.: 3.680 min  
Delta R.T.: 0.000 min  
Response: 61518097  
Conc: 42.87 ng/ml



#7 delta-BHC

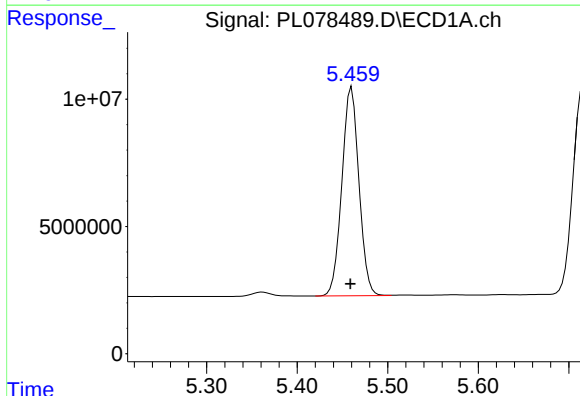
R.T.: 4.573 min  
Delta R.T.: 0.000 min  
Response: 117657418  
Conc: 51.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



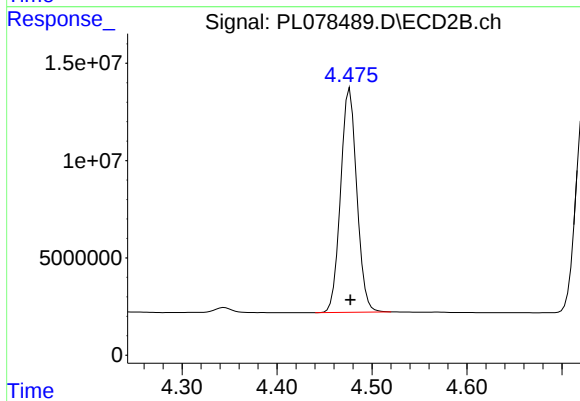
#7 delta-BHC

R.T.: 3.900 min  
Delta R.T.: 0.000 min  
Response: 161155478  
Conc: 44.26 ng/ml



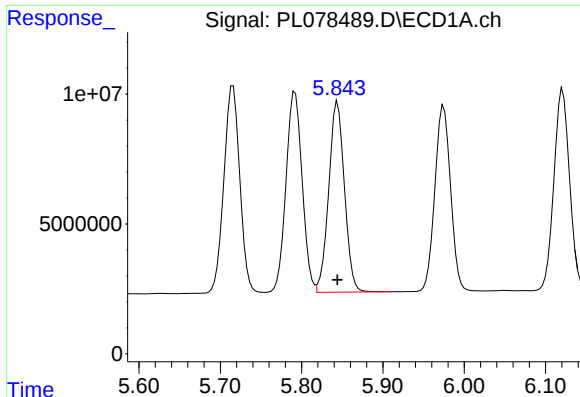
#8 Heptachlor epoxide

R.T.: 5.460 min  
Delta R.T.: 0.001 min  
Response: 107568241  
Conc: 50.67 ng/ml



#8 Heptachlor epoxide

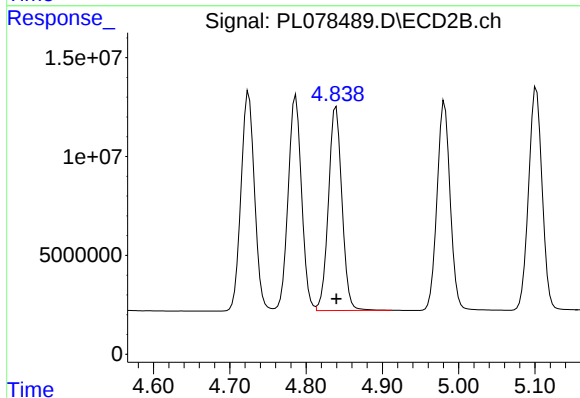
R.T.: 4.477 min  
Delta R.T.: 0.000 min  
Response: 136759579  
Conc: 45.39 ng/ml



#9 Endosulfan I

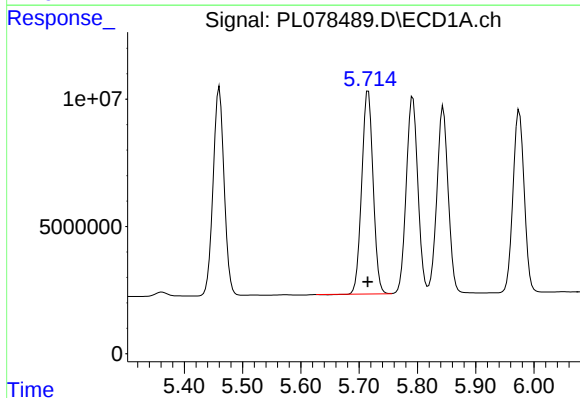
R.T.: 5.844 min  
Delta R.T.: 0.000 min  
Response: 99097919  
Conc: 46.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



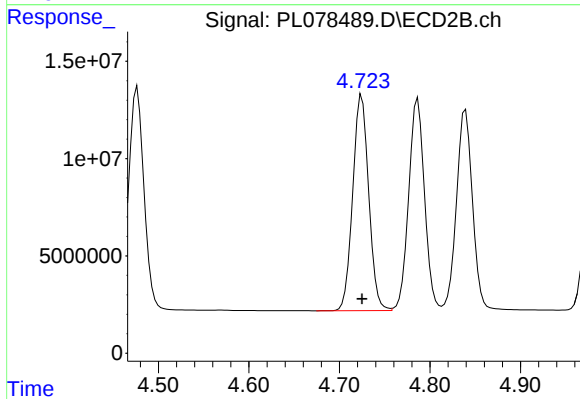
#9 Endosulfan I

R.T.: 4.839 min  
Delta R.T.: 0.000 min  
Response: 127167086  
Conc: 44.42 ng/ml



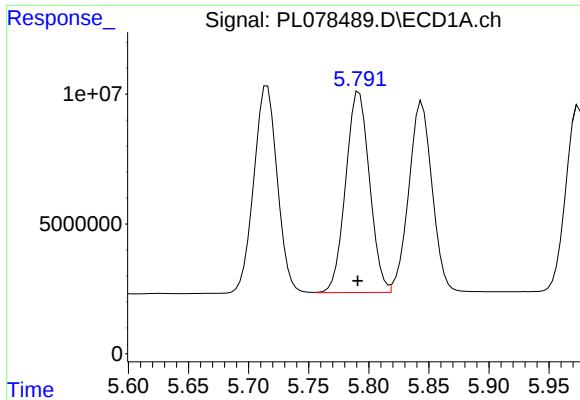
#10 gamma-Chlordane

R.T.: 5.716 min  
Delta R.T.: 0.001 min  
Response: 108209225  
Conc: 47.94 ng/ml



#10 gamma-Chlordane

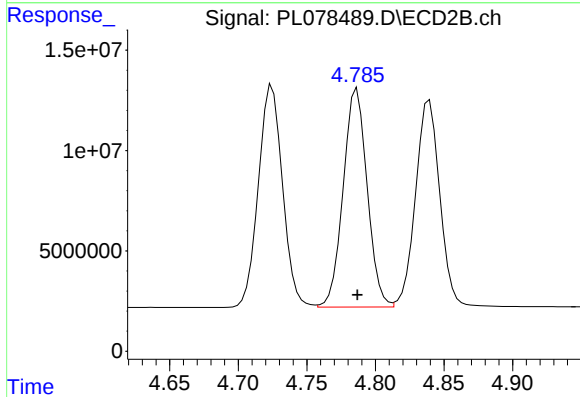
R.T.: 4.725 min  
Delta R.T.: 0.000 min  
Response: 136048259  
Conc: 44.40 ng/ml



#11 alpha-Chlordane

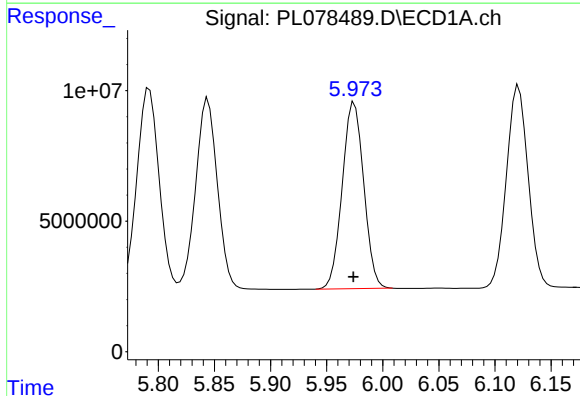
R.T.: 5.792 min  
Delta R.T.: 0.000 min  
Response: 107063193  
Conc: 46.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



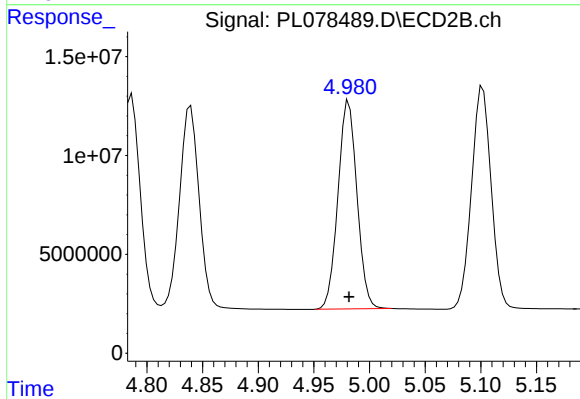
#11 alpha-Chlordane

R.T.: 4.787 min  
Delta R.T.: 0.000 min  
Response: 132528863  
Conc: 44.47 ng/ml



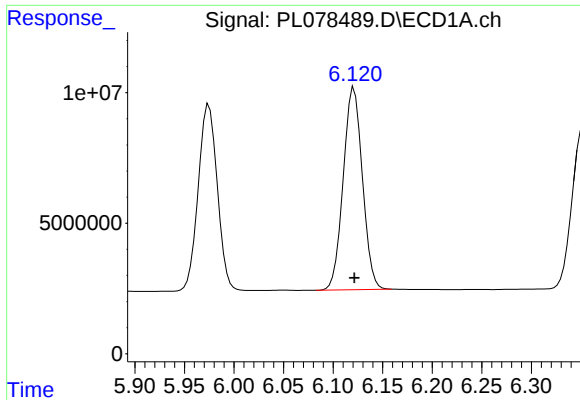
#12 4,4'-DDE

R.T.: 5.975 min  
Delta R.T.: 0.000 min  
Response: 95401309  
Conc: 47.67 ng/ml



#12 4,4'-DDE

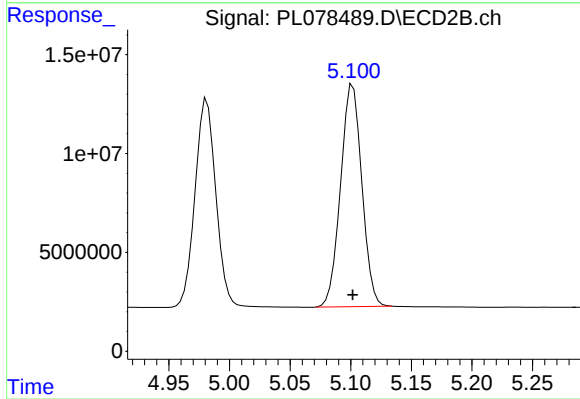
R.T.: 4.981 min  
Delta R.T.: 0.000 min  
Response: 125304240  
Conc: 46.02 ng/ml



#13 Dieldrin

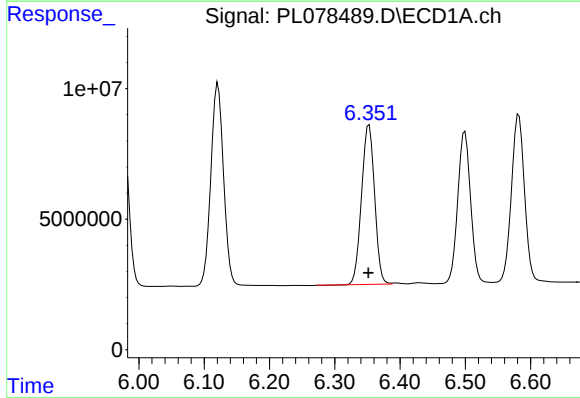
R.T.: 6.121 min  
Delta R.T.: 0.000 min  
Response: 104386145  
Conc: 48.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



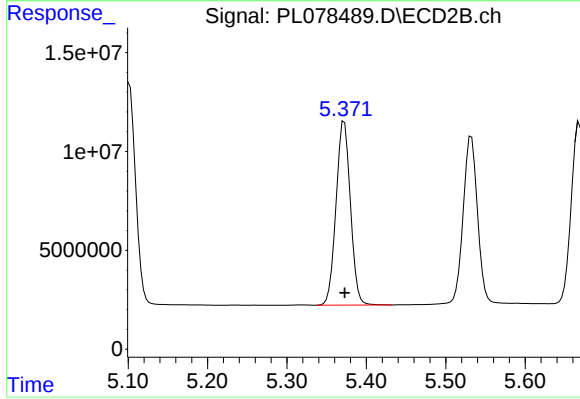
#13 Dieldrin

R.T.: 5.102 min  
Delta R.T.: 0.000 min  
Response: 137360165  
Conc: 46.36 ng/ml



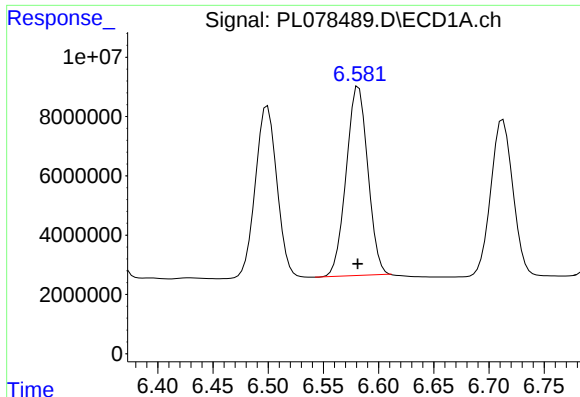
#14 Endrin

R.T.: 6.353 min  
Delta R.T.: 0.001 min  
Response: 85042311  
Conc: 44.81 ng/ml



#14 Endrin

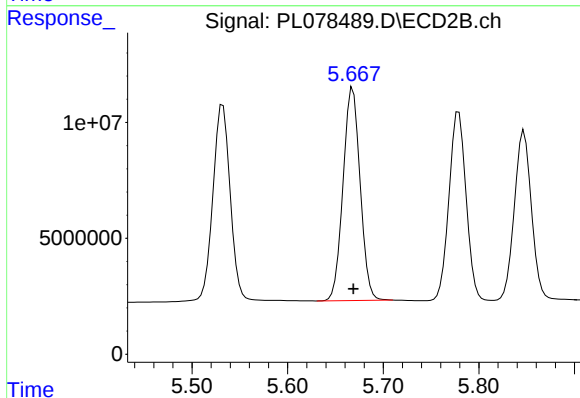
R.T.: 5.372 min  
Delta R.T.: 0.000 min  
Response: 117046486  
Conc: 44.93 ng/ml



#15 Endosulfan II

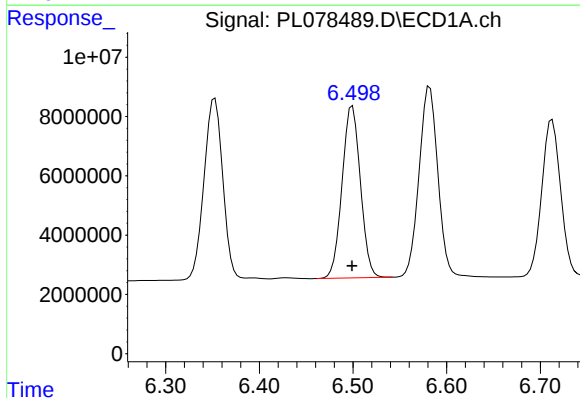
R.T.: 6.582 min  
Delta R.T.: 0.000 min  
Response: 87112346  
Conc: 46.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



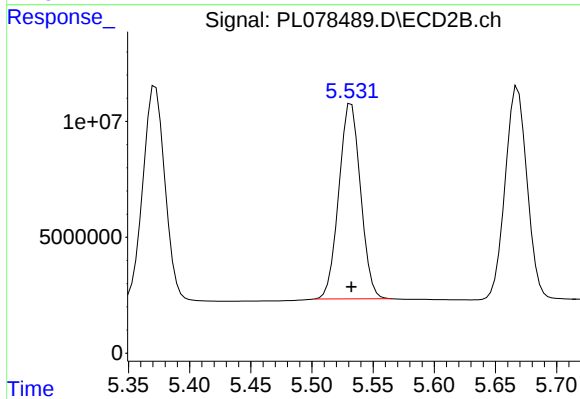
#15 Endosulfan II

R.T.: 5.668 min  
Delta R.T.: 0.000 min  
Response: 114516273  
Conc: 50.31 ng/ml



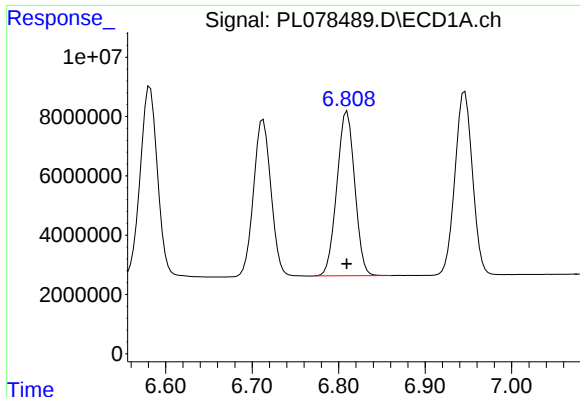
#16 4,4'-DDD

R.T.: 6.499 min  
Delta R.T.: 0.000 min  
Response: 78979609  
Conc: 47.38 ng/ml



#16 4,4'-DDD

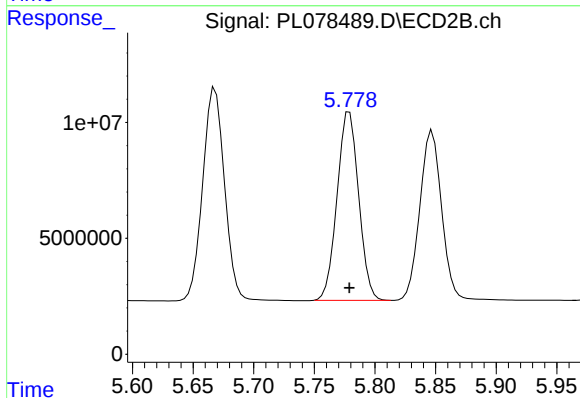
R.T.: 5.532 min  
Delta R.T.: 0.000 min  
Response: 104227534  
Conc: 47.45 ng/ml



#17 4,4'-DDT

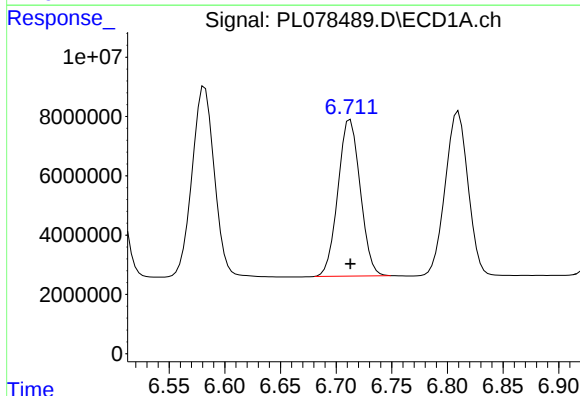
R.T.: 6.810 min  
Delta R.T.: 0.000 min  
Response: 79035077  
Conc: 44.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



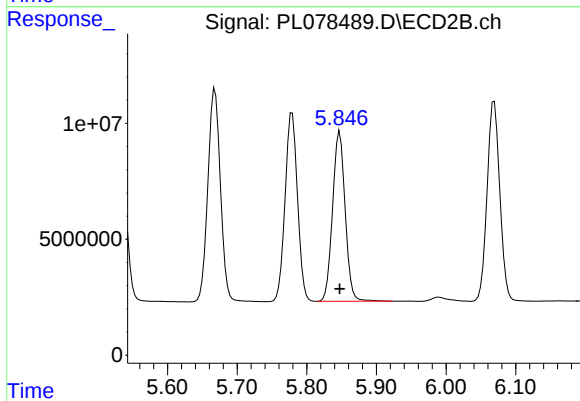
#17 4,4'-DDT

R.T.: 5.779 min  
Delta R.T.: 0.000 min  
Response: 100679548  
Conc: 46.41 ng/ml



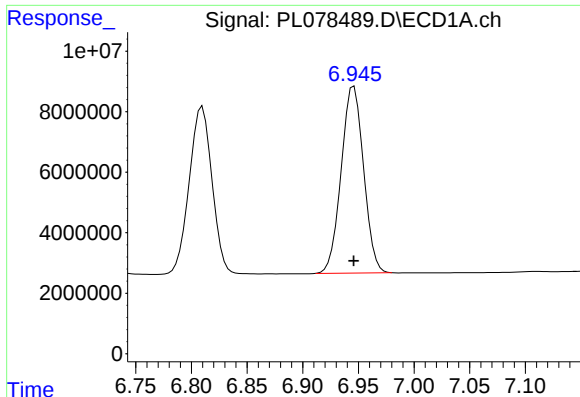
#18 Endrin aldehyde

R.T.: 6.713 min  
Delta R.T.: 0.000 min  
Response: 73596452  
Conc: 50.58 ng/ml



#18 Endrin aldehyde

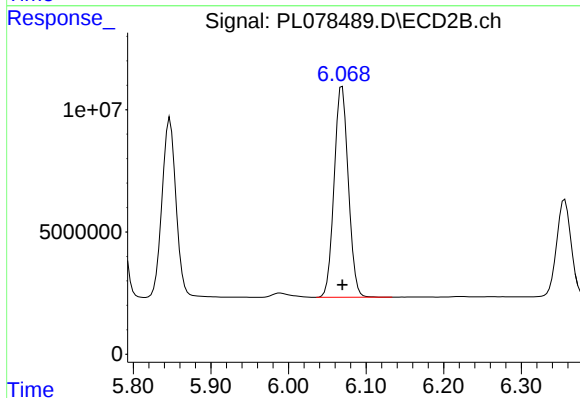
R.T.: 5.847 min  
Delta R.T.: 0.000 min  
Response: 91956124  
Conc: 49.00 ng/ml



#19 Endosulfan Sulfate

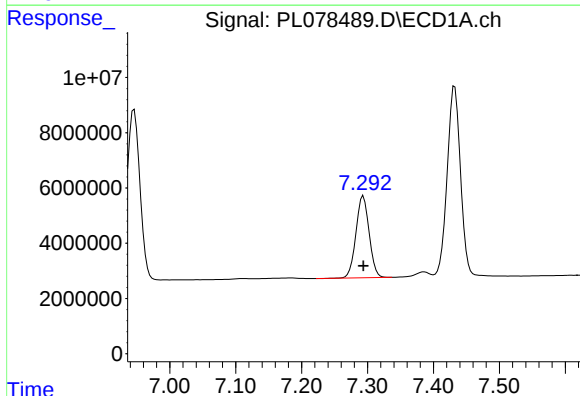
R.T.: 6.946 min  
Delta R.T.: 0.000 min  
Response: 86588123  
Conc: 47.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



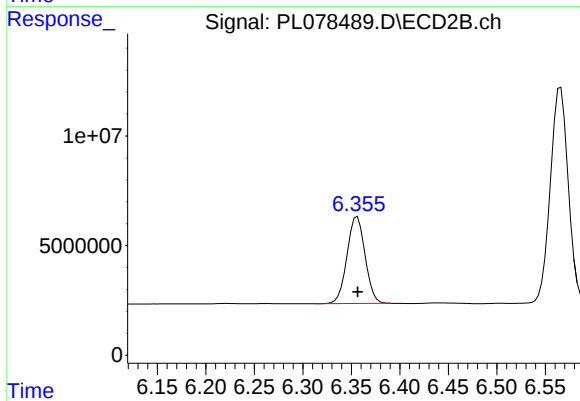
#19 Endosulfan Sulfate

R.T.: 6.069 min  
Delta R.T.: 0.000 min  
Response: 109452020  
Conc: 45.98 ng/ml



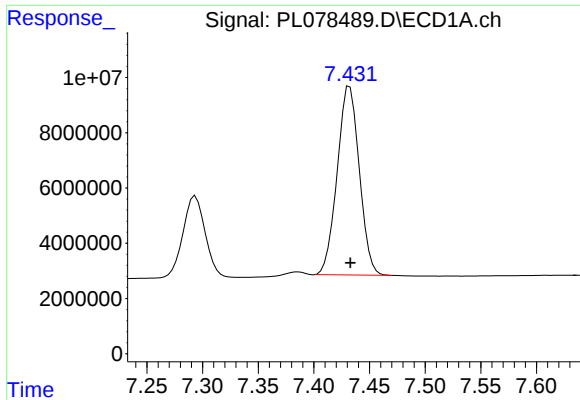
#20 Methoxychlor

R.T.: 7.294 min  
Delta R.T.: 0.000 min  
Response: 41252336  
Conc: 44.80 ng/ml



#20 Methoxychlor

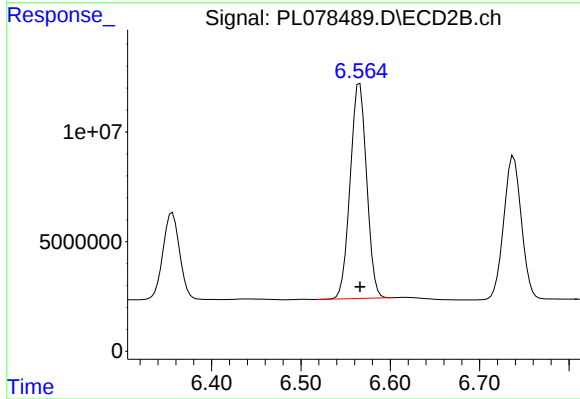
R.T.: 6.356 min  
Delta R.T.: 0.000 min  
Response: 51388928  
Conc: 45.28 ng/ml



#21 Endrin ketone

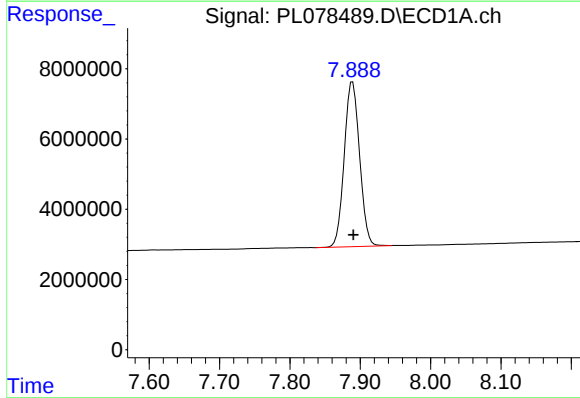
R.T.: 7.432 min  
Delta R.T.: 0.000 min  
Response: 94405047  
Conc: 50.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



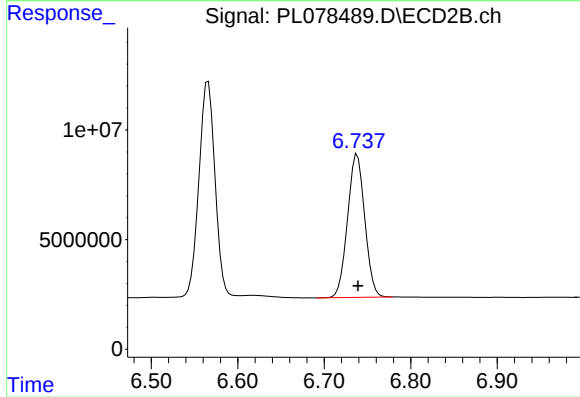
#21 Endrin ketone

R.T.: 6.566 min  
Delta R.T.: 0.000 min  
Response: 125531001  
Conc: 48.57 ng/ml



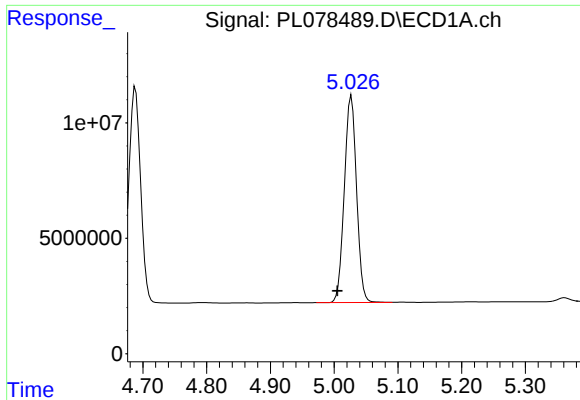
#22 Mirex

R.T.: 7.889 min  
Delta R.T.: -0.001 min  
Response: 71153267  
Conc: 48.74 ng/ml



#22 Mirex

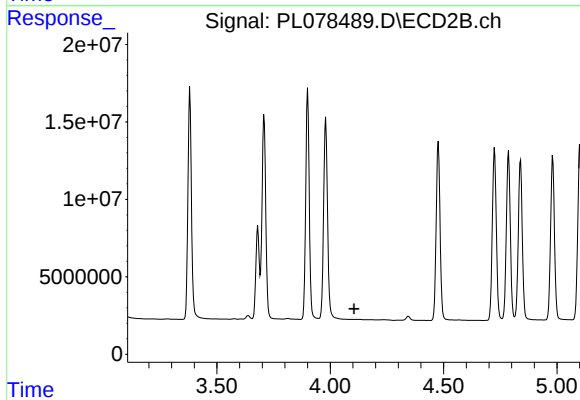
R.T.: 6.738 min  
Delta R.T.: 0.000 min  
Response: 89889921  
Conc: 45.68 ng/ml



#24 Chlordane-2

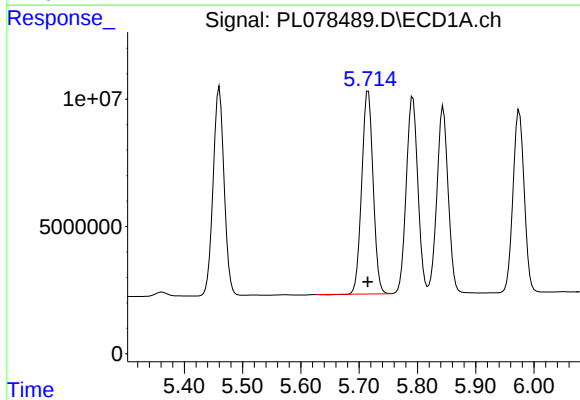
R.T.: 5.027 min  
Delta R.T.: 0.022 min  
Response: 119544936  
Conc: 1444.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



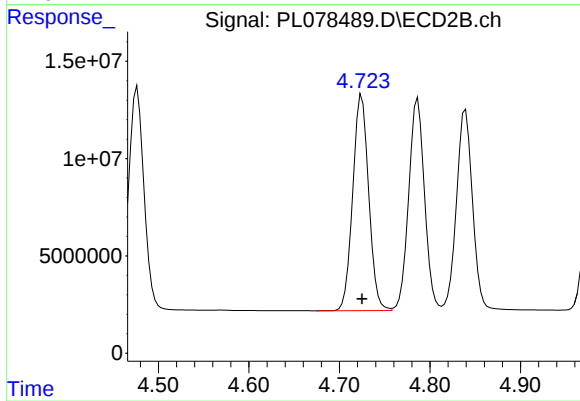
#24 Chlordane-2

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



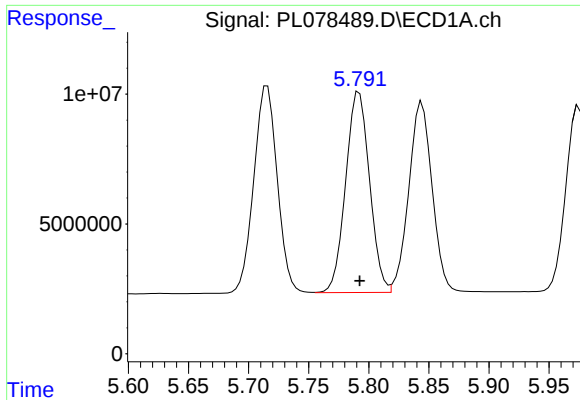
#25 Chlordane-3

R.T.: 5.716 min  
Delta R.T.: 0.001 min  
Response: 108209225  
Conc: 323.94 ng/ml



#25 Chlordane-3

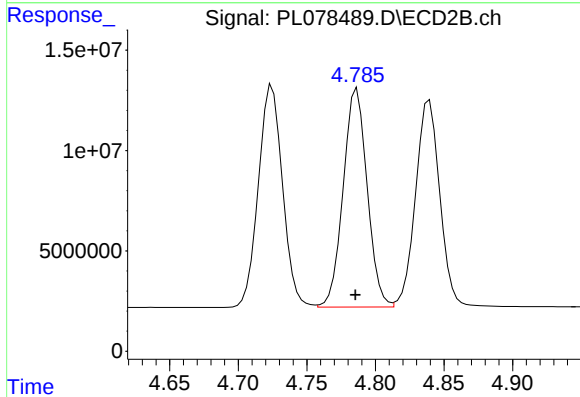
R.T.: 4.725 min  
Delta R.T.: 0.000 min  
Response: 136048259  
Conc: 446.38 ng/ml



#26 Chlordane-4

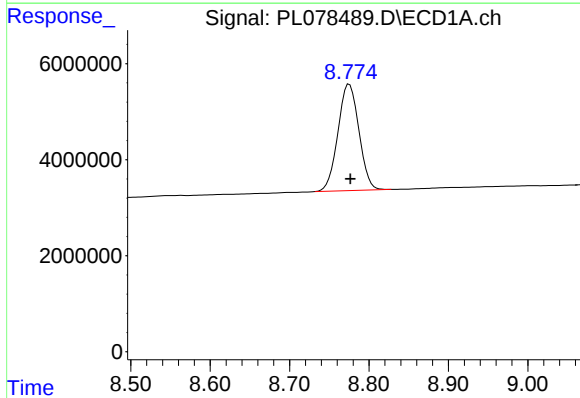
R.T.: 5.792 min  
Delta R.T.: 0.000 min  
Response: 107063193  
Conc: 260.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



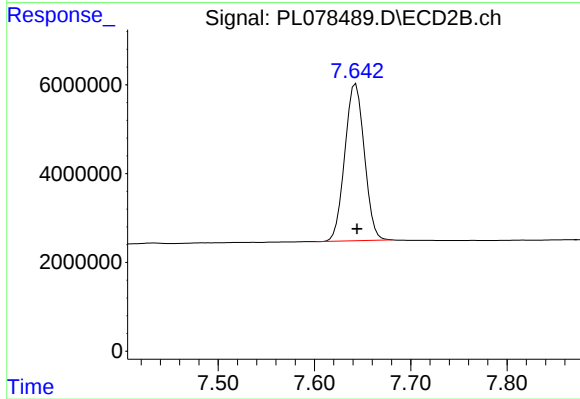
#26 Chlordane-4

R.T.: 4.787 min  
Delta R.T.: 0.001 min  
Response: 132528863  
Conc: 405.58 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.775 min  
Delta R.T.: -0.001 min  
Response: 40743861  
Conc: 27.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.643 min  
Delta R.T.: -0.001 min  
Response: 49642926  
Conc: 26.21 ng/ml