

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072822\  
 Data File : PL076704.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Jul 2022 14:56  
 Operator : AR\AJ  
 Sample : PB146488BS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 28 00:10:14 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL072622.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 26 05:22:48 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... | 3.421  | 2.643  | 21839777 | 56455127 | 21.162   | 19.033    |
| 28)                         | SA Decachlor... | 8.913  | 7.749  | 19360639 | 52121332 | 21.952   | 20.306    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.886  | 3.136  | 78789016 | 205.0E6  | 54.633   | 49.104    |
| 3)                          | MA gamma-BHC... | 4.221  | 3.461  | 72894075 | 186.5E6  | 53.987   | 48.944    |
| 4)                          | MA Heptachlor   | 4.797  | 3.794  | 72098593 | 183.7E6  | 53.724   | 48.640    |
| 5)                          | MB Aldrin       | 5.138  | 4.069  | 66880177 | 173.0E6  | 55.681   | 49.182    |
| 6)                          | B beta-BHC      | 4.432  | 3.758  | 31884284 | 77173275 | 53.431   | 45.512    |
| 7)                          | B delta-BHC     | 4.676  | 3.983  | 64186996 | 189.6E6  | 57.907   | 49.718    |
| 8)                          | B Heptachlo...  | 5.570  | 4.568  | 65146574 | 154.6E6  | 58.424   | 48.738    |
| 9)                          | A Endosulfan I  | 5.957  | 4.934  | 55945714 | 139.7E6  | 54.154   | 48.276    |
| 10)                         | B gamma-Chl...  | 5.826  | 4.818  | 61159339 | 160.5E6  | 55.160   | 50.149    |
| 11)                         | B alpha-Chl...  | 5.903  | 4.880  | 60405821 | 157.6E6  | 54.600   | 50.494    |
| 12)                         | B 4,4'-DDE      | 6.082  | 5.075  | 53834967 | 148.9E6  | 54.848   | 50.086    |
| 13)                         | MA Dieldrin     | 6.234  | 5.197  | 58687086 | 151.8E6  | 55.762   | 48.931    |
| 14)                         | MA Endrin       | 6.465  | 5.470  | 56382189 | 158.5E6  | 58.695   | 63.128    |
| 15)                         | B Endosulfa...  | 6.693  | 5.766  | 52232109 | 122.0E6  | 58.196   | 50.890    |
| 16)                         | A 4,4'-DDD      | 6.606  | 5.627  | 52168670 | 121.9E6  | 62.578   | 51.445    |
| 17)                         | MA 4,4'-DDT     | 6.916  | 5.876  | 47594672 | 115.8E6  | 52.374   | 48.218    |
| 18)                         | B Endrin al...  | 6.824  | 5.945  | 40646320 | 95816980 | 55.753   | 50.857    |
| 19)                         | B Endosulfa...  | 7.057  | 6.168  | 49074994 | 122.4E6  | 54.570   | 49.747    |
| 20)                         | A Methoxychlor  | 7.396  | 6.454  | 43344300 | 61849462 | 85.657   | 47.289 #  |
| 21)                         | B Endrin ke...  | 7.545  | 6.668  | 54086039 | 46540363 | 52.890   | 17.147 #  |
| 22)                         | Mirex           | 8.006  | 6.845  | 36125814 | 97040835 | 46.704   | 48.389    |
| 24)                         | Chlordane-2     | 5.138f | 4.191  | 66880177 | -60112   | 1826.404 | N.D. #    |
| 25)                         | Chlordane-3     | 5.826  | 4.818  | 61159339 | 160.5E6  | 441.427  | 566.944 # |
| 26)                         | Chlordane-4     | 5.903  | 4.880  | 60405821 | 157.6E6  | 352.237  | 530.832 # |
| 27)                         | Chlordane-5     | 0.000  | 5.559f | 0        | 518394   | N.D.     | 6.474 #   |
| -----                       |                 |        |        |          |          |          |           |

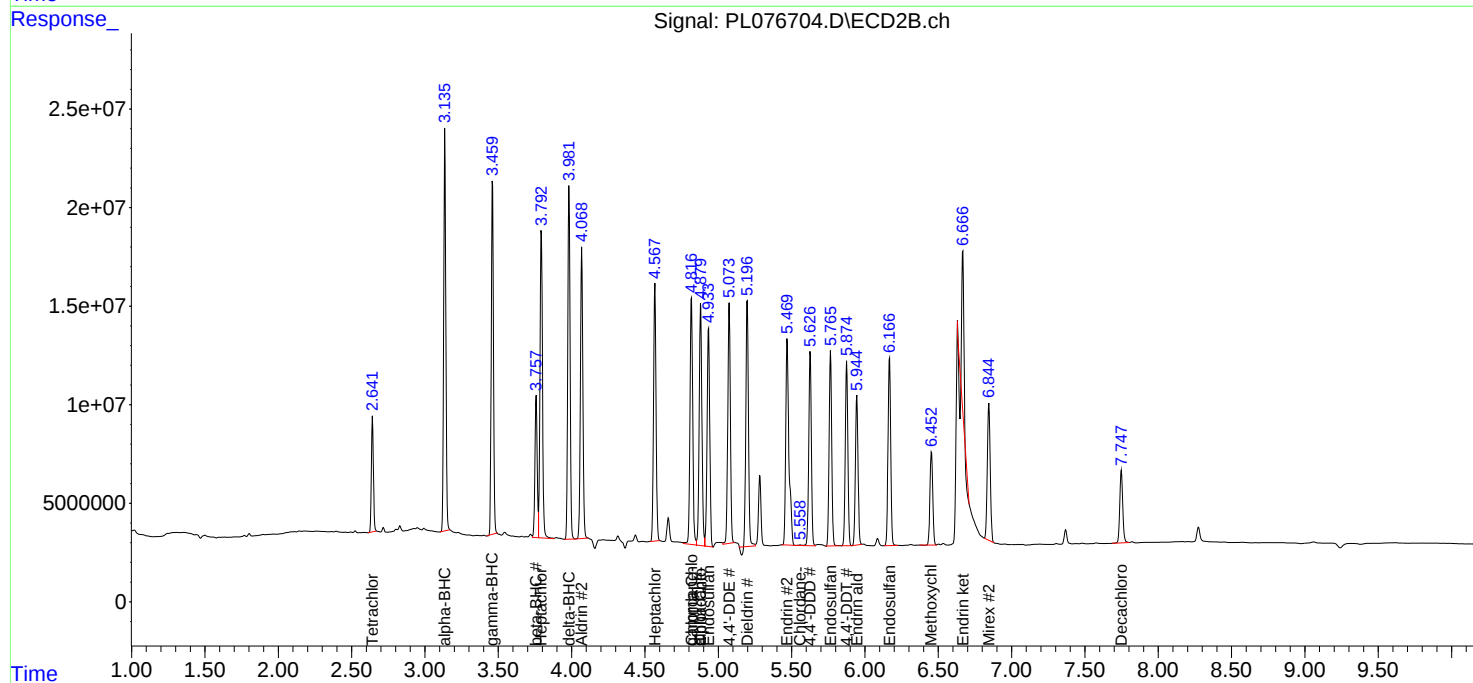
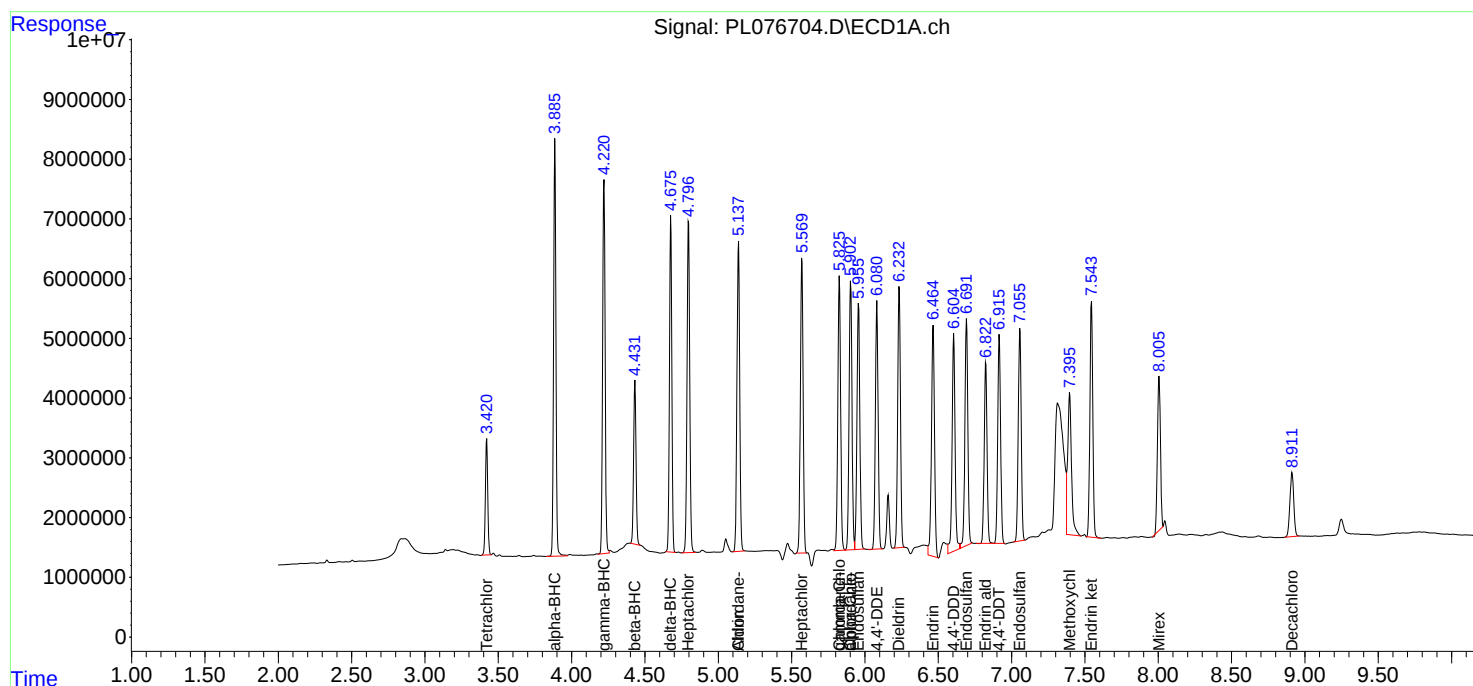
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

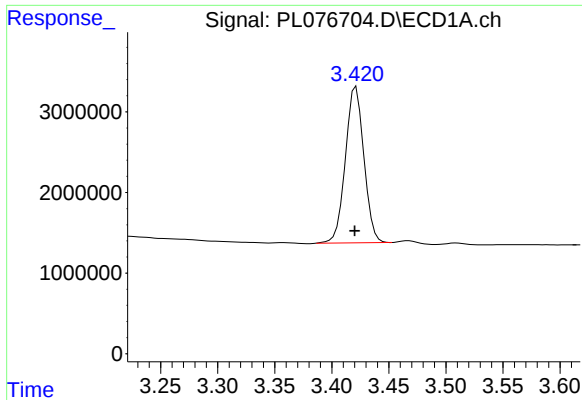
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL072822\  
Data File : PL076704.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 27 Jul 2022 14:56  
Operator : AR\AJ  
Sample : PB146488BS  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 28 00:10:14 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL072622.M  
Quant Title : GC Extractables  
QLast Update : Tue Jul 26 05:22:48 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

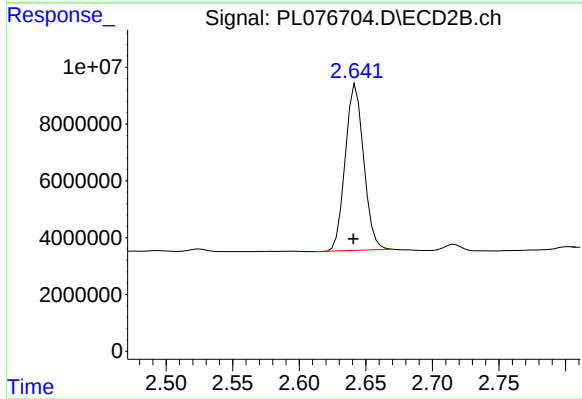




#1 Tetrachloro-m-xylene

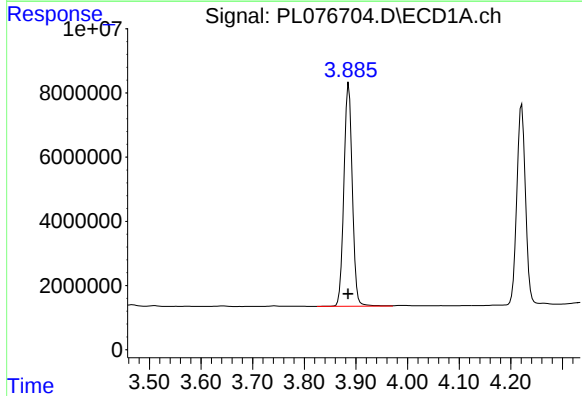
R.T.: 3.421 min  
Delta R.T.: 0.001 min  
Response: 21839777  
Conc: 21.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



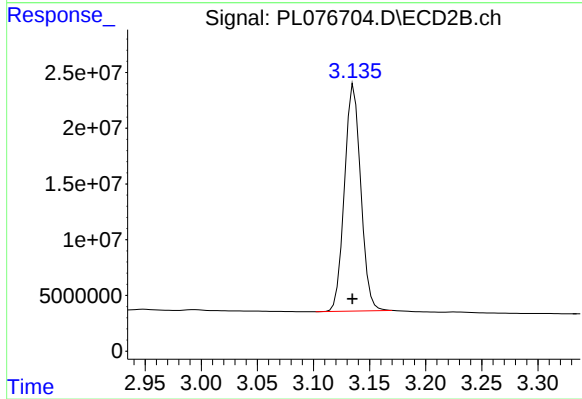
#1 Tetrachloro-m-xylene

R.T.: 2.643 min  
Delta R.T.: 0.002 min  
Response: 56455127  
Conc: 19.03 ng/ml



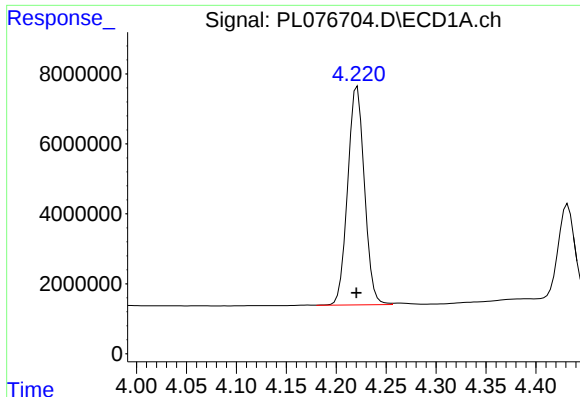
#2 alpha-BHC

R.T.: 3.886 min  
Delta R.T.: 0.001 min  
Response: 78789016  
Conc: 54.63 ng/ml



#2 alpha-BHC

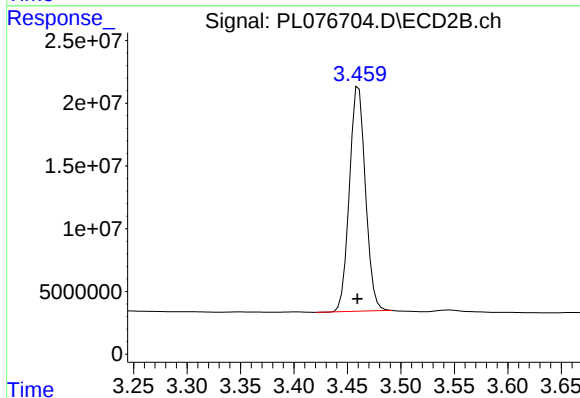
R.T.: 3.136 min  
Delta R.T.: 0.001 min  
Response: 205014853  
Conc: 49.10 ng/ml



#3 gamma-BHC (Lindane)

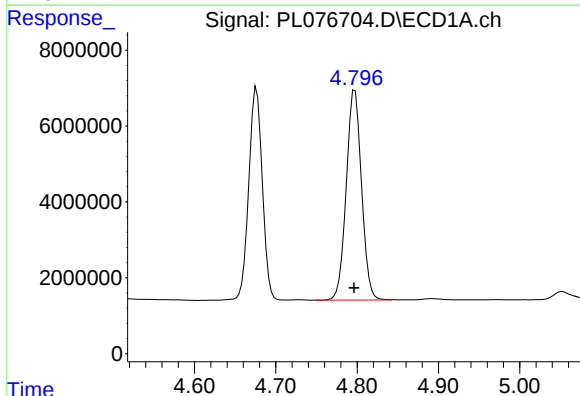
R.T.: 4.221 min  
Delta R.T.: 0.000 min  
Response: 72894075  
Conc: 53.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



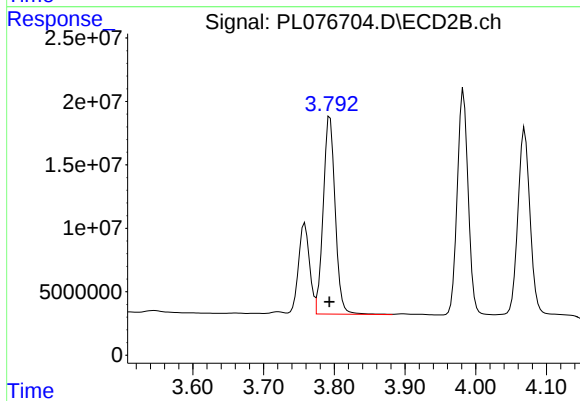
#3 gamma-BHC (Lindane)

R.T.: 3.461 min  
Delta R.T.: 0.001 min  
Response: 186547188  
Conc: 48.94 ng/ml



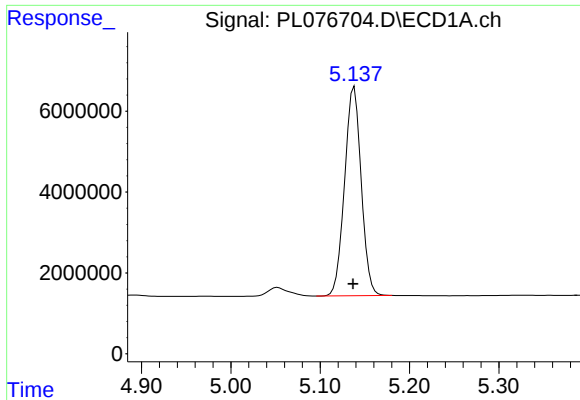
#4 Heptachlor

R.T.: 4.797 min  
Delta R.T.: 0.000 min  
Response: 72098593  
Conc: 53.72 ng/ml



#4 Heptachlor

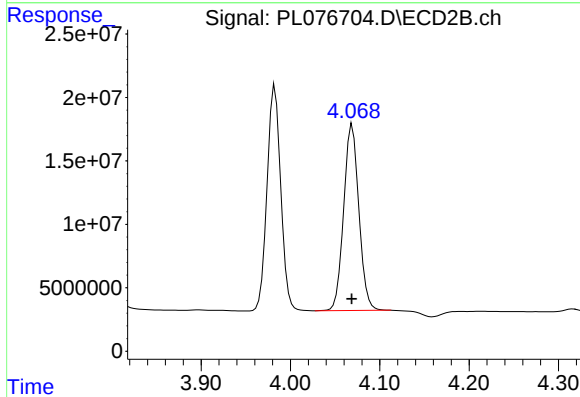
R.T.: 3.794 min  
Delta R.T.: 0.000 min  
Response: 183657731  
Conc: 48.64 ng/ml



#5 Aldrin

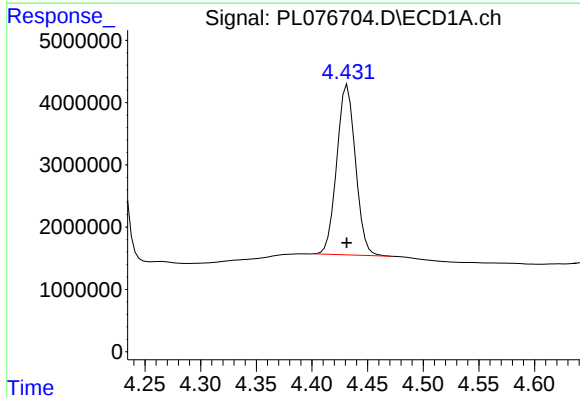
R.T.: 5.138 min  
Delta R.T.: 0.001 min  
Response: 66880177  
Conc: 55.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



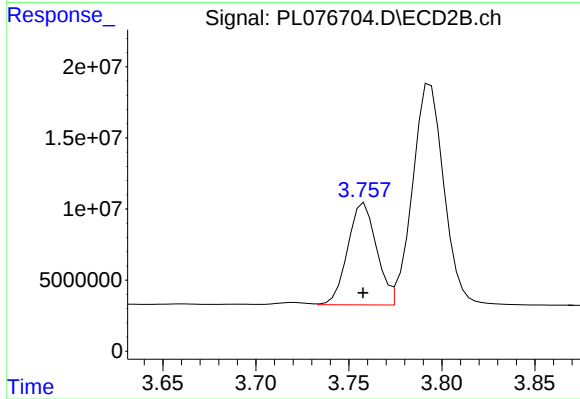
#5 Aldrin

R.T.: 4.069 min  
Delta R.T.: 0.000 min  
Response: 173012786  
Conc: 49.18 ng/ml



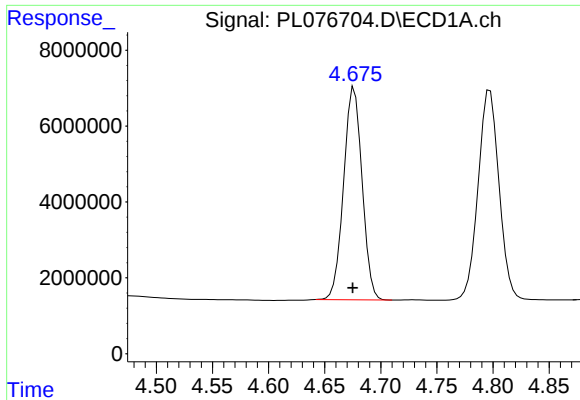
#6 beta-BHC

R.T.: 4.432 min  
Delta R.T.: 0.000 min  
Response: 31884284  
Conc: 53.43 ng/ml



#6 beta-BHC

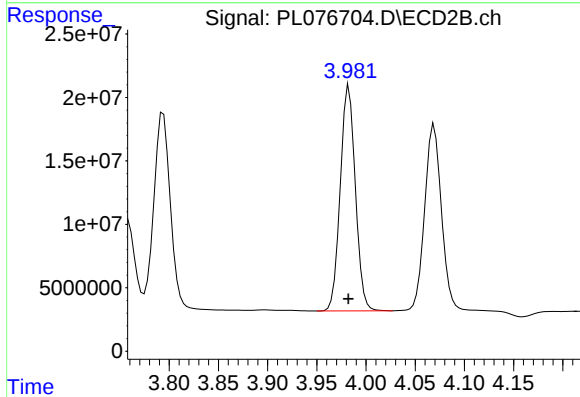
R.T.: 3.758 min  
Delta R.T.: 0.000 min  
Response: 77173275  
Conc: 45.51 ng/ml



#7 delta-BHC

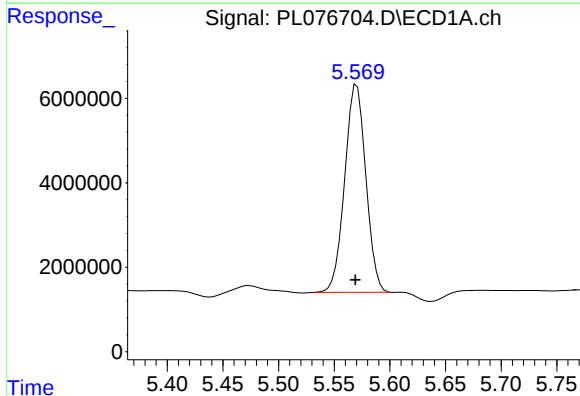
R.T.: 4.676 min  
Delta R.T.: 0.002 min  
Response: 64186996  
Conc: 57.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



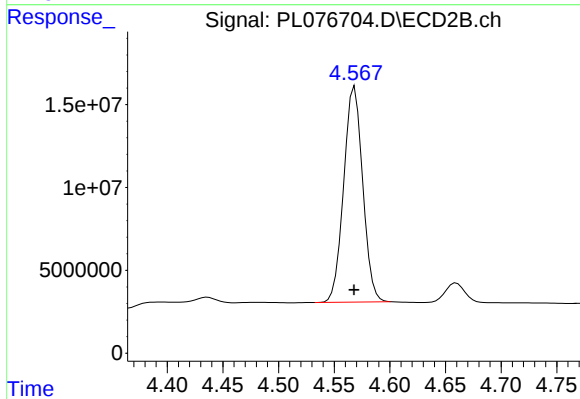
#7 delta-BHC

R.T.: 3.983 min  
Delta R.T.: 0.000 min  
Response: 189592207  
Conc: 49.72 ng/ml



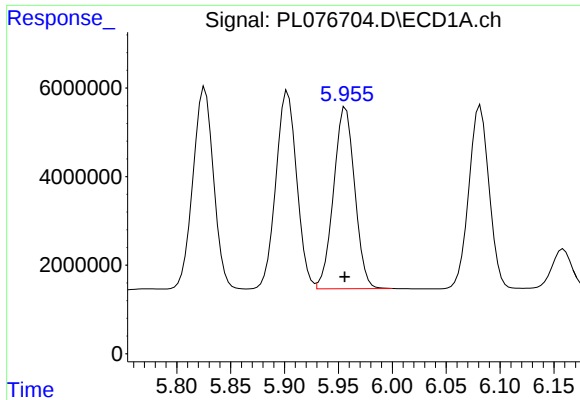
#8 Heptachlor epoxide

R.T.: 5.570 min  
Delta R.T.: 0.001 min  
Response: 65146574  
Conc: 58.42 ng/ml



#8 Heptachlor epoxide

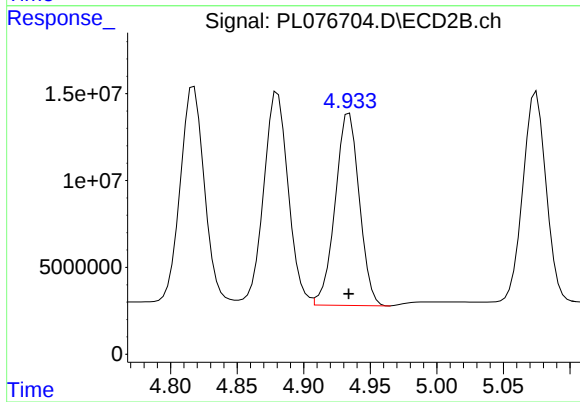
R.T.: 4.568 min  
Delta R.T.: 0.000 min  
Response: 154585399  
Conc: 48.74 ng/ml



#9 Endosulfan I

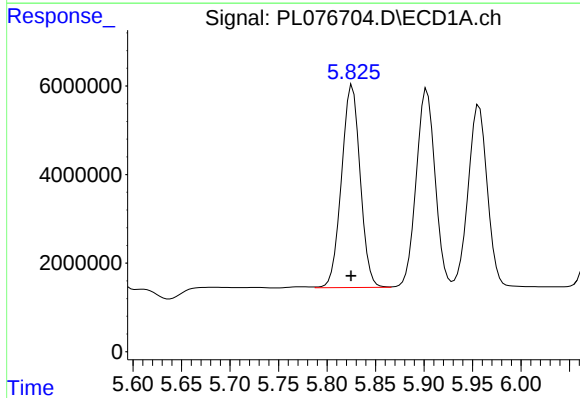
R.T.: 5.957 min  
Delta R.T.: 0.001 min  
Response: 55945714  
Conc: 54.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



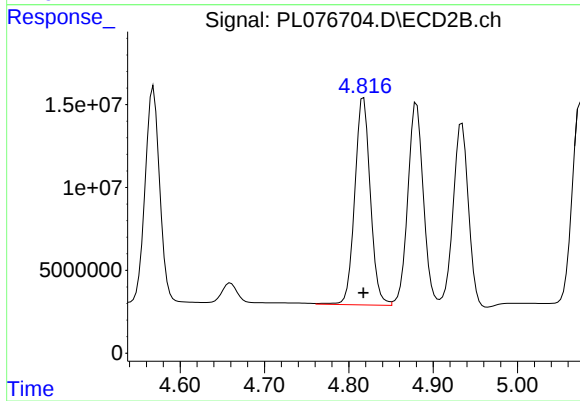
#9 Endosulfan I

R.T.: 4.934 min  
Delta R.T.: 0.000 min  
Response: 139697603  
Conc: 48.28 ng/ml



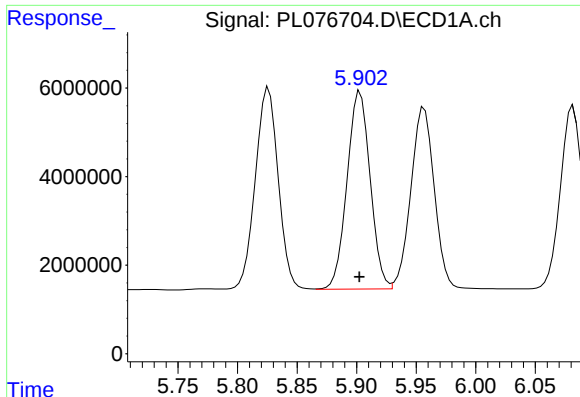
#10 gamma-Chlordane

R.T.: 5.826 min  
Delta R.T.: 0.001 min  
Response: 61159339  
Conc: 55.16 ng/ml



#10 gamma-Chlordane

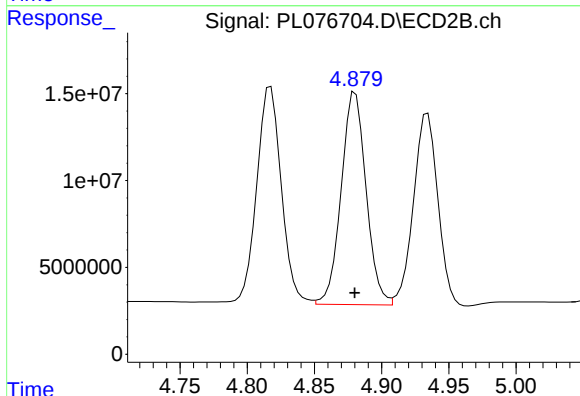
R.T.: 4.818 min  
Delta R.T.: 0.000 min  
Response: 160499228  
Conc: 50.15 ng/ml



#11 alpha-Chlordane

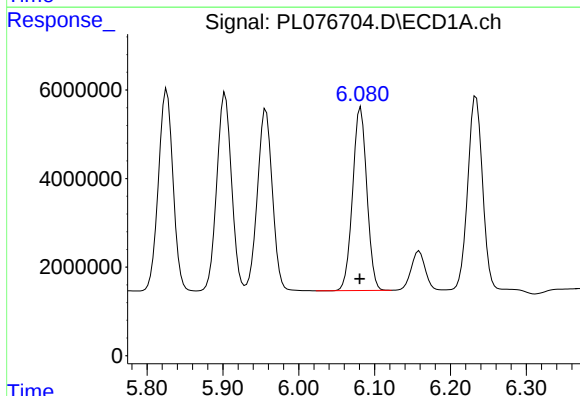
R.T.: 5.903 min  
Delta R.T.: 0.000 min  
Response: 60405821  
Conc: 54.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



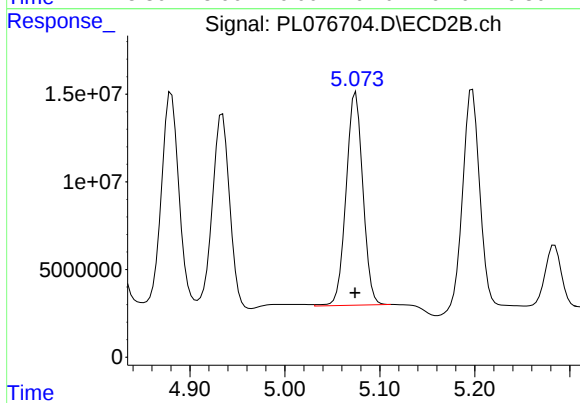
#11 alpha-Chlordane

R.T.: 4.880 min  
Delta R.T.: 0.000 min  
Response: 157586126  
Conc: 50.49 ng/ml



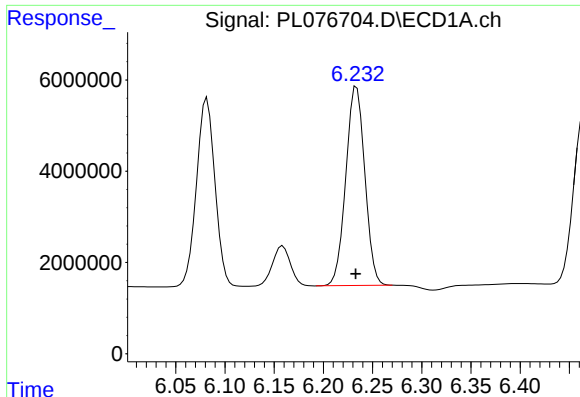
#12 4,4'-DDE

R.T.: 6.082 min  
Delta R.T.: 0.001 min  
Response: 53834967  
Conc: 54.85 ng/ml



#12 4,4'-DDE

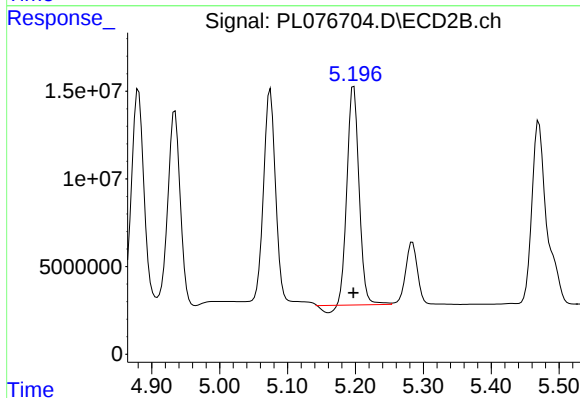
R.T.: 5.075 min  
Delta R.T.: 0.000 min  
Response: 148860181  
Conc: 50.09 ng/ml



#13 Dieldrin

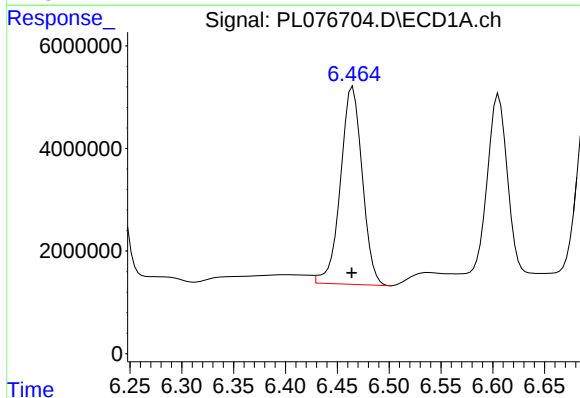
R.T.: 6.234 min  
Delta R.T.: 0.001 min  
Response: 58687086  
Conc: 55.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



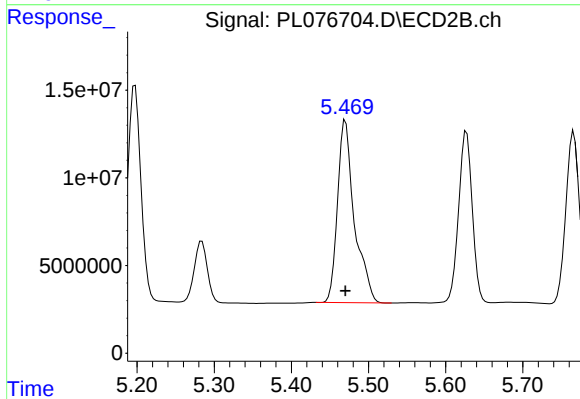
#13 Dieldrin

R.T.: 5.197 min  
Delta R.T.: 0.000 min  
Response: 151833839  
Conc: 48.93 ng/ml



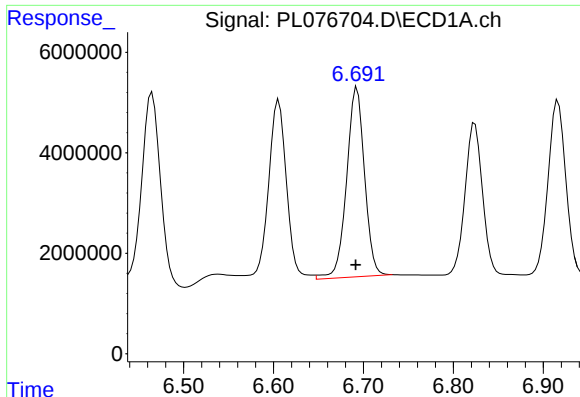
#14 Endrin

R.T.: 6.465 min  
Delta R.T.: 0.001 min  
Response: 56382189  
Conc: 58.70 ng/ml



#14 Endrin

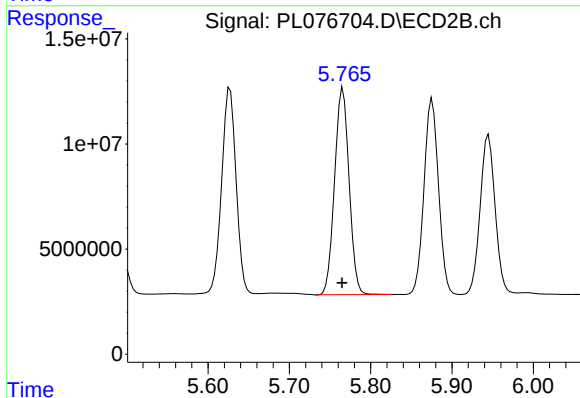
R.T.: 5.470 min  
Delta R.T.: 0.000 min  
Response: 158481158  
Conc: 63.13 ng/ml



#15 Endosulfan II

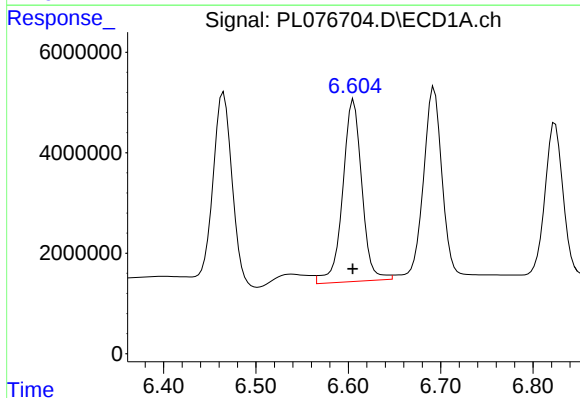
R.T.: 6.693 min  
Delta R.T.: 0.002 min  
Response: 52232109  
Conc: 58.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



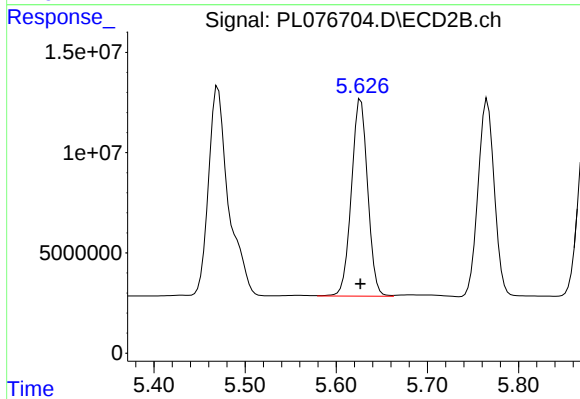
#15 Endosulfan II

R.T.: 5.766 min  
Delta R.T.: 0.001 min  
Response: 122037465  
Conc: 50.89 ng/ml



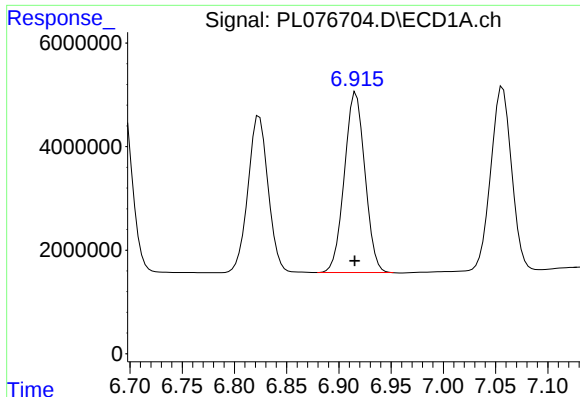
#16 4,4'-DDD

R.T.: 6.606 min  
Delta R.T.: 0.001 min  
Response: 52168670  
Conc: 62.58 ng/ml



#16 4,4'-DDD

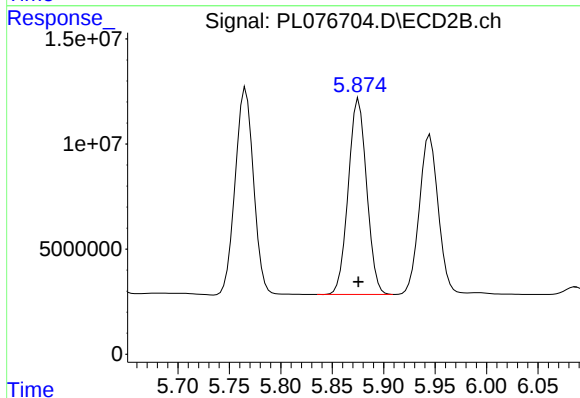
R.T.: 5.627 min  
Delta R.T.: 0.000 min  
Response: 121874393  
Conc: 51.45 ng/ml



#17 4,4'-DDT

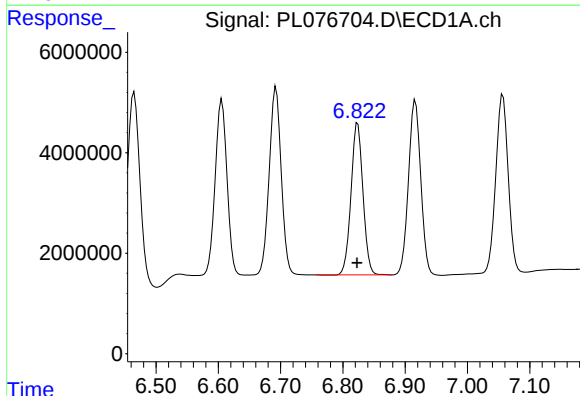
R.T.: 6.916 min  
Delta R.T.: 0.001 min  
Response: 47594672  
Conc: 52.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



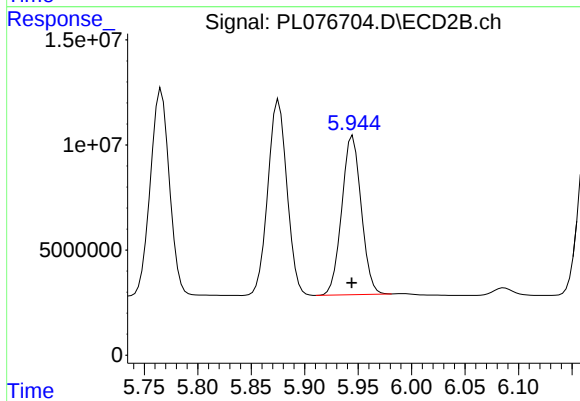
#17 4,4'-DDT

R.T.: 5.876 min  
Delta R.T.: 0.000 min  
Response: 115849152  
Conc: 48.22 ng/ml



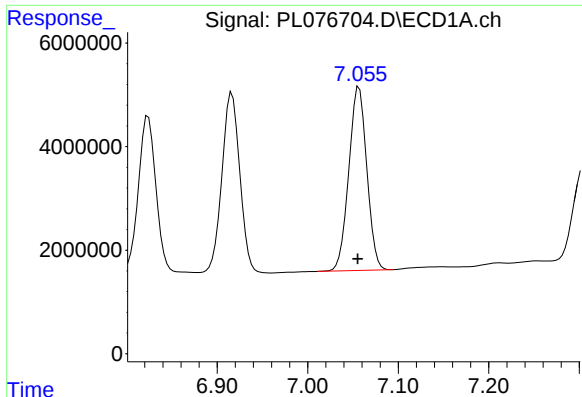
#18 Endrin aldehyde

R.T.: 6.824 min  
Delta R.T.: 0.001 min  
Response: 40646320  
Conc: 55.75 ng/ml



#18 Endrin aldehyde

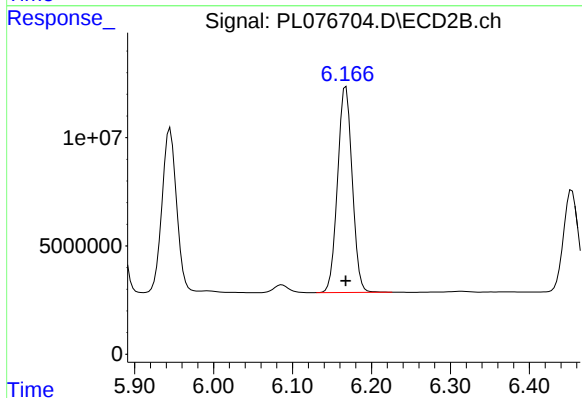
R.T.: 5.945 min  
Delta R.T.: 0.000 min  
Response: 95816980  
Conc: 50.86 ng/ml



#19 Endosulfan Sulfate

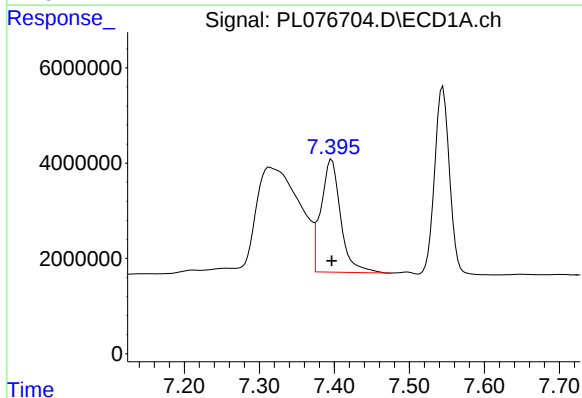
R.T.: 7.057 min  
Delta R.T.: 0.001 min  
Response: 49074994  
Conc: 54.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



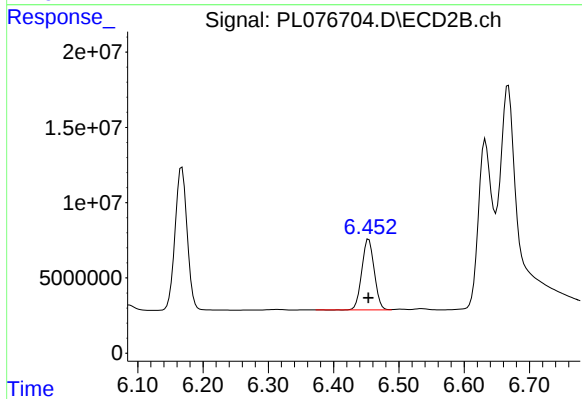
#19 Endosulfan Sulfate

R.T.: 6.168 min  
Delta R.T.: 0.000 min  
Response: 122363245  
Conc: 49.75 ng/ml



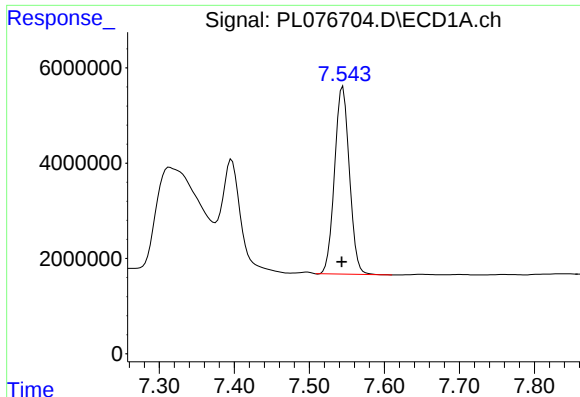
#20 Methoxychlor

R.T.: 7.396 min  
Delta R.T.: 0.000 min  
Response: 43344300  
Conc: 85.66 ng/ml



#20 Methoxychlor

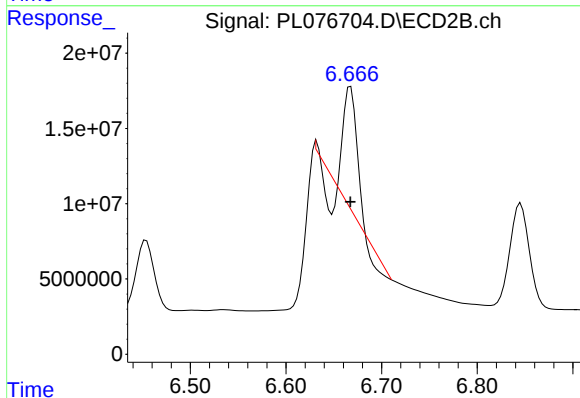
R.T.: 6.454 min  
Delta R.T.: 0.000 min  
Response: 61849462  
Conc: 47.29 ng/ml



#21 Endrin ketone

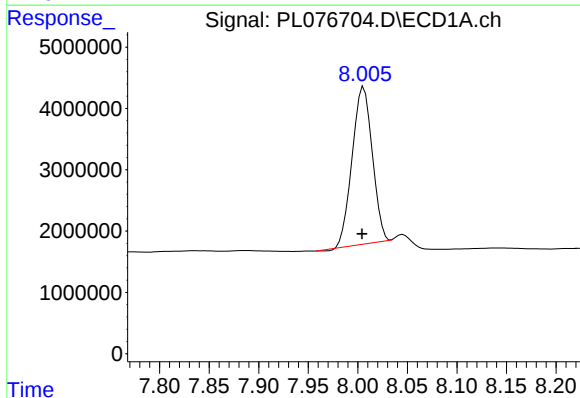
R.T.: 7.545 min  
Delta R.T.: 0.001 min  
Response: 54086039  
Conc: 52.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



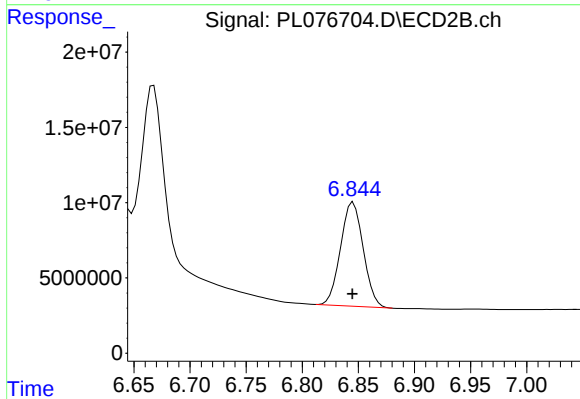
#21 Endrin ketone

R.T.: 6.668 min  
Delta R.T.: 0.000 min  
Response: 46540363  
Conc: 17.15 ng/ml



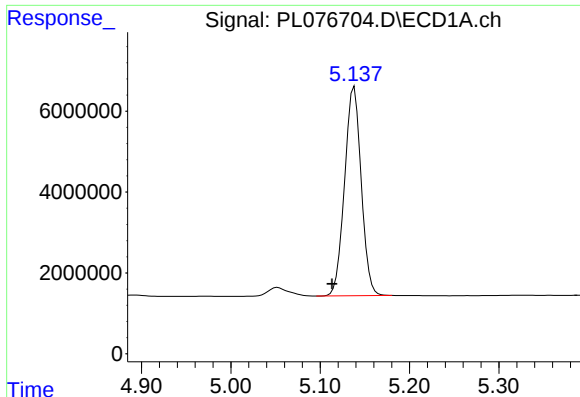
#22 Mirex

R.T.: 8.006 min  
Delta R.T.: 0.002 min  
Response: 36125814  
Conc: 46.70 ng/ml



#22 Mirex

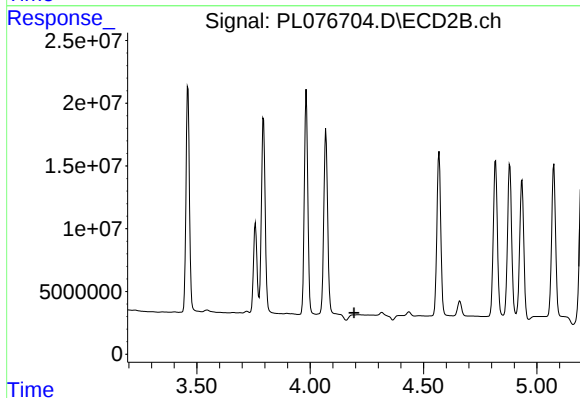
R.T.: 6.845 min  
Delta R.T.: 0.000 min  
Response: 97040835  
Conc: 48.39 ng/ml



#24 Chlordane-2

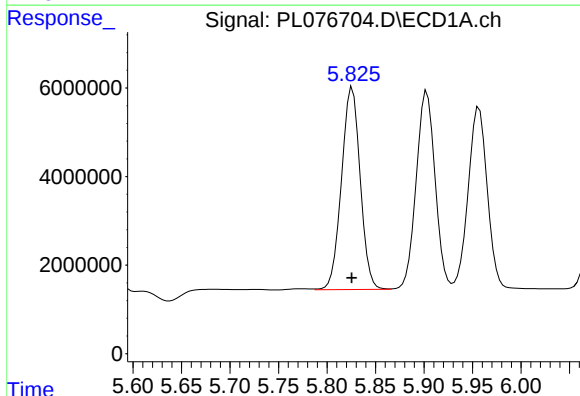
R.T.: 5.138 min  
Delta R.T.: 0.025 min  
Response: 66880177  
Conc: 1826.40 ng/m

Instrument :  
ECD\_L  
ClientSampleId :



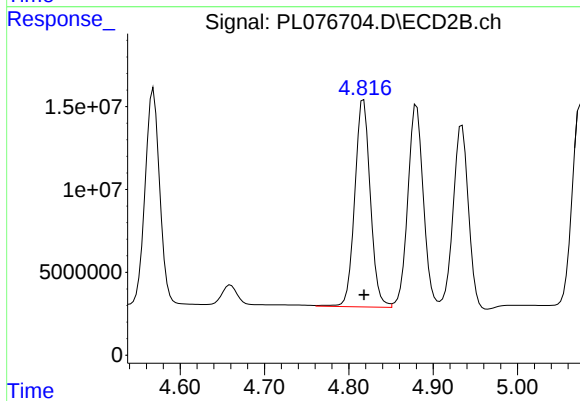
#24 Chlordane-2

R.T.: 4.191 min  
Delta R.T.: -0.003 min  
Response: -60112  
Conc: N.D.



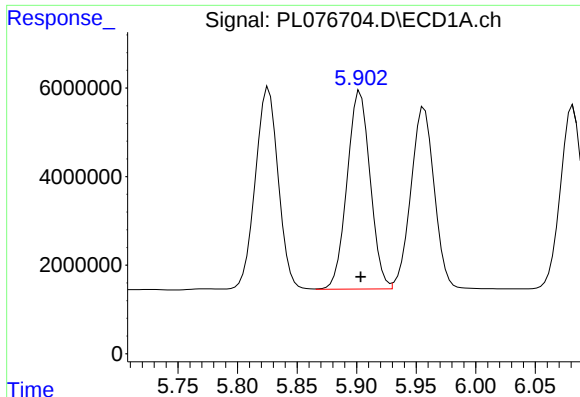
#25 Chlordane-3

R.T.: 5.826 min  
Delta R.T.: 0.000 min  
Response: 61159339  
Conc: 441.43 ng/ml



#25 Chlordane-3

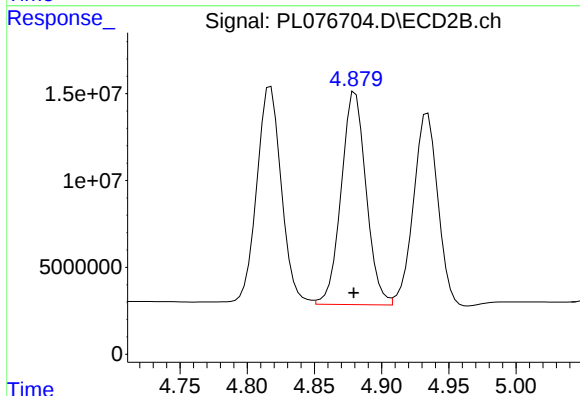
R.T.: 4.818 min  
Delta R.T.: 0.000 min  
Response: 160499228  
Conc: 566.94 ng/ml



#26 Chlordane-4

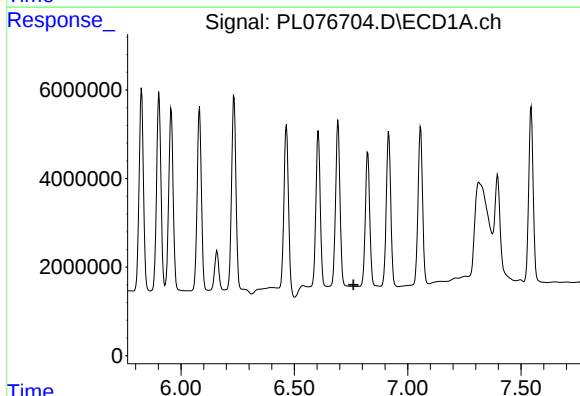
R.T.: 5.903 min  
Delta R.T.: 0.000 min  
Response: 60405821  
Conc: 352.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



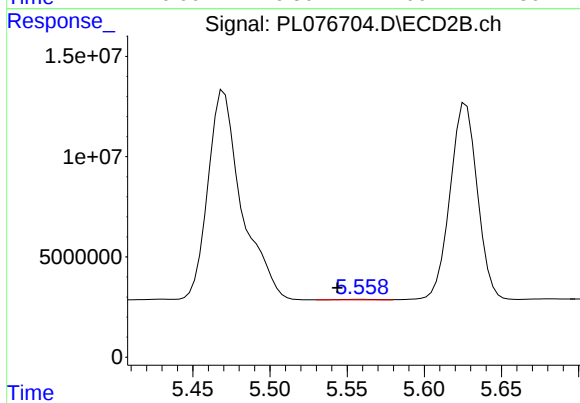
#26 Chlordane-4

R.T.: 4.880 min  
Delta R.T.: 0.001 min  
Response: 157586126  
Conc: 530.83 ng/ml



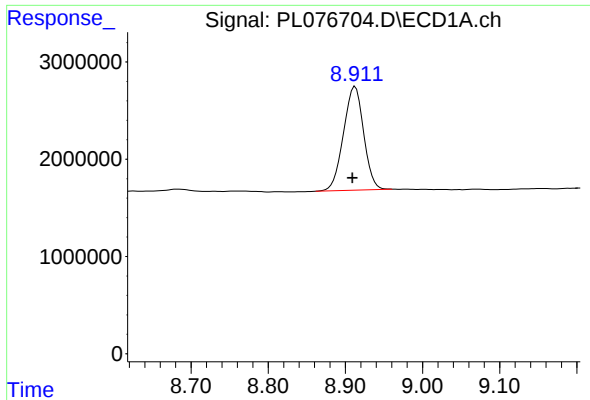
#27 Chlordane-5

R.T.: 0.000 min  
Exp R.T. : 6.761 min  
Response: 0  
Conc: N.D.



#27 Chlordane-5

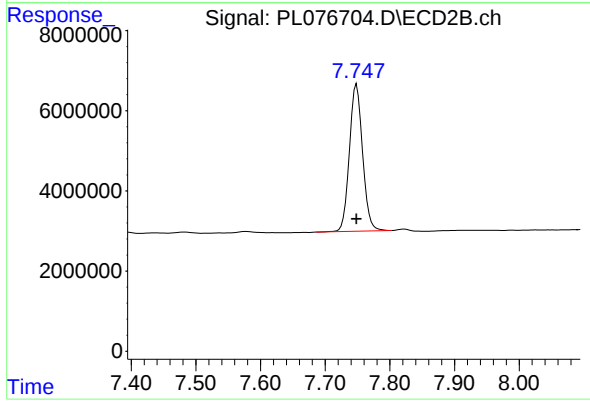
R.T.: 5.559 min  
Delta R.T.: 0.016 min  
Response: 518394  
Conc: 6.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.913 min  
Delta R.T.: 0.003 min  
Response: 19360639  
Conc: 21.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.749 min  
Delta R.T.: 0.000 min  
Response: 52121332  
Conc: 20.31 ng/ml