

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111122\  
 Data File : PL079075.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Nov 2022 05:33  
 Operator : AR\AJ  
 Sample : PB148987BSD  
 Misc :  
 ALS Vial : 58 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 12 07:21:47 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... | 3.321  | 2.568  | 33592864 | 43249641 | 17.615  | 16.939    |
| 28)                         | SA Decachlor... | 8.772  | 7.636  | 23772748 | 34010051 | 15.803  | 17.956    |
| Target Compounds            |                 |        |        |          |          |         |           |
| 2)                          | A alpha-BHC     | 3.781  | 3.054  | 33192697 | 44376286 | 11.560  | 11.237    |
| 3)                          | MA gamma-BHC... | 4.115  | 3.375  | 29530580 | 45526171 | 11.053  | 12.667    |
| 4)                          | MA Heptachlor   | 4.686  | 3.702  | 31647522 | 43574524 | 12.191  | 12.565    |
| 5)                          | MB Aldrin       | 5.023  | 3.974  | 29679666 | 50706616 | 11.984  | 14.481    |
| 6)                          | B beta-BHC      | 4.330  | 3.676  | 14990467 | 19788157 | 13.013  | 13.791    |
| 7)                          | B delta-BHC     | 4.570  | 3.895  | 15586806 | 43513425 | 6.846   | 11.950 #  |
| 8)                          | B Heptachlo...  | 5.457  | 4.470  | 32141655 | 39416205 | 15.140  | 13.081    |
| 9)                          | A Endosulfan I  | 5.842  | 4.833  | 26117389 | 35459121 | 12.241  | 12.387    |
| 10)                         | B gamma-Chl...  | 5.713  | 4.718  | 27785147 | 37385901 | 12.310  | 12.200    |
| 11)                         | B alpha-Chl...  | 5.789  | 4.780  | 27909092 | 37260991 | 12.062  | 12.502    |
| 12)                         | B 4,4'-DDE      | 5.972  | 4.975  | 22898556 | 33018320 | 11.442  | 12.128    |
| 13)                         | MA Dieldrin     | 6.119  | 5.095  | 25047629 | 36911181 | 11.615  | 12.457    |
| 14)                         | MA Endrin       | 6.350  | 5.365  | 23856983 | 30107219 | 12.571  | 11.556    |
| 15)                         | B Endosulfa...  | 6.580  | 5.662  | 19332294 | 29757502 | 10.304  | 13.073 #  |
| 16)                         | A 4,4'-DDD      | 6.498  | 5.526  | 18648100 | 28560874 | 11.186  | 13.004    |
| 17)                         | MA 4,4'-DDT     | 6.808  | 5.773  | 18694053 | 25914278 | 10.430  | 11.947    |
| 18)                         | B Endrin al...  | 6.712  | 5.841  | 16449805 | 23822290 | 11.305  | 12.693    |
| 19)                         | B Endosulfa...  | 6.944  | 6.063  | 20520689 | 31494667 | 11.153  | 13.230    |
| 20)                         | A Methoxychlor  | 7.291  | 6.349  | 10371162 | 15267554 | 11.262  | 13.454    |
| 21)                         | B Endrin ke...  | 7.430  | 6.559  | 19862025 | 34469319 | 10.557  | 13.336 #  |
| 22)                         | Mirex           | 7.888  | 6.732  | 17298436 | 27270579 | 11.850  | 13.857    |
| 23)                         | Chlordane-1     | 0.000  | 3.556f | 0        | 3003842  | N.D.    | 29.784 #  |
| 24)                         | Chlordane-2     | 5.023f | 4.085f | 29679666 | 19628201 | 358.694 | 184.430 # |
| 25)                         | Chlordane-3     | 5.713  | 4.718  | 27785147 | 37385901 | 83.178  | 122.663 # |
| 26)                         | Chlordane-4     | 5.789  | 4.780  | 27909092 | 37260991 | 67.981  | 114.030 # |
| -----                       |                 |        |        |          |          |         |           |

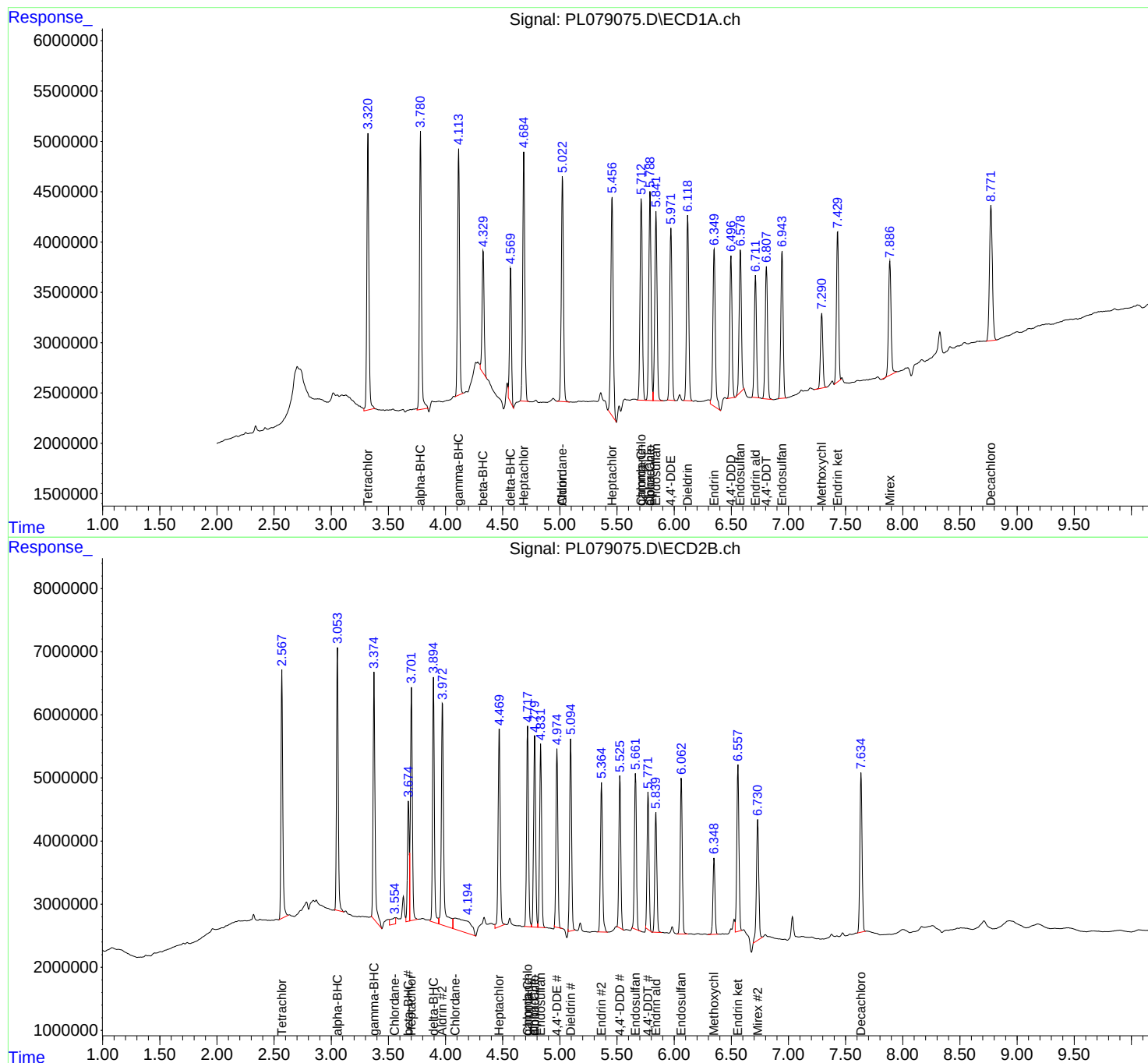
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

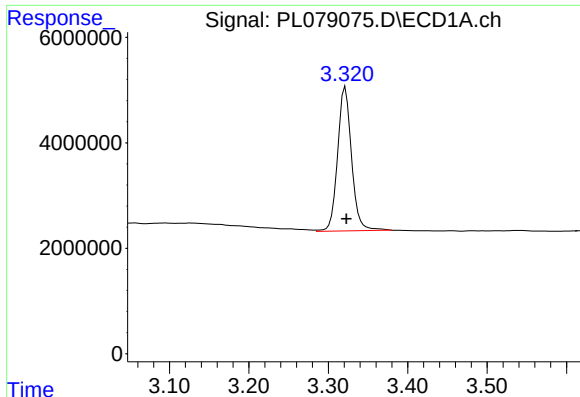
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL111122\  
Data File : PL079075.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Nov 2022 05:33  
Operator : AR\AJ  
Sample : PB148987BSD  
Misc :  
ALS Vial : 58 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 12 07:21:47 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

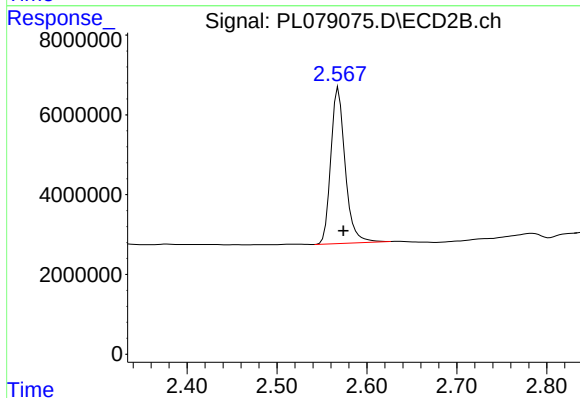




#1 Tetrachloro-m-xylene

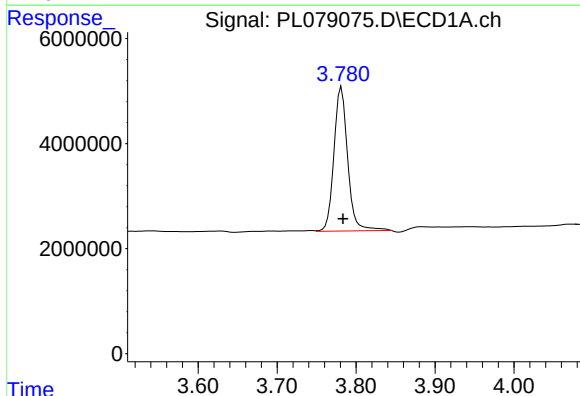
R.T.: 3.321 min  
Delta R.T.: -0.002 min  
Response: 33592864  
Conc: 17.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



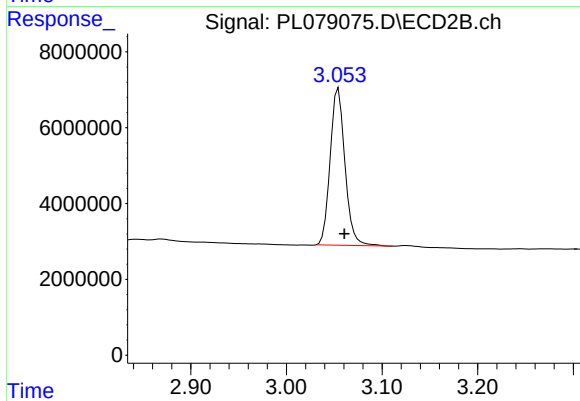
#1 Tetrachloro-m-xylene

R.T.: 2.568 min  
Delta R.T.: -0.005 min  
Response: 43249641  
Conc: 16.94 ng/ml



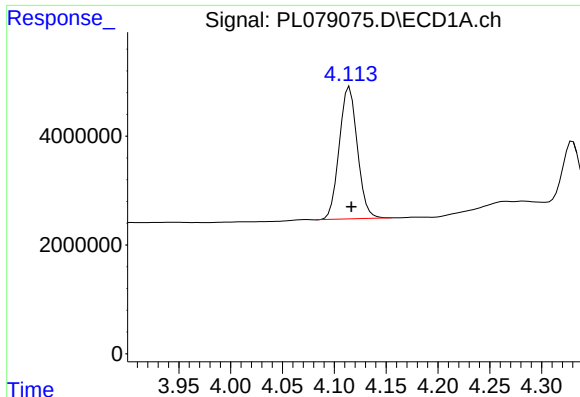
#2 alpha-BHC

R.T.: 3.781 min  
Delta R.T.: -0.002 min  
Response: 33192697  
Conc: 11.56 ng/ml



#2 alpha-BHC

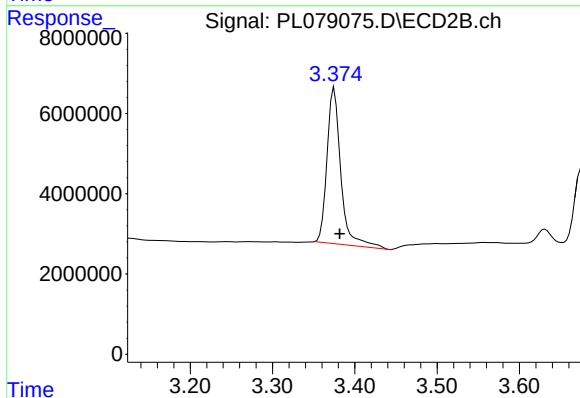
R.T.: 3.054 min  
Delta R.T.: -0.006 min  
Response: 44376286  
Conc: 11.24 ng/ml



#3 gamma-BHC (Lindane)

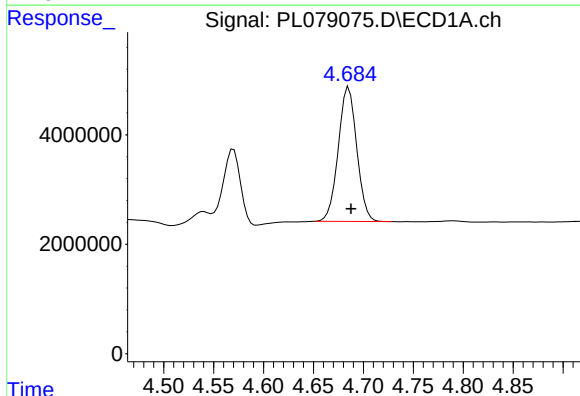
R.T.: 4.115 min  
Delta R.T.: -0.002 min  
Response: 29530580  
Conc: 11.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



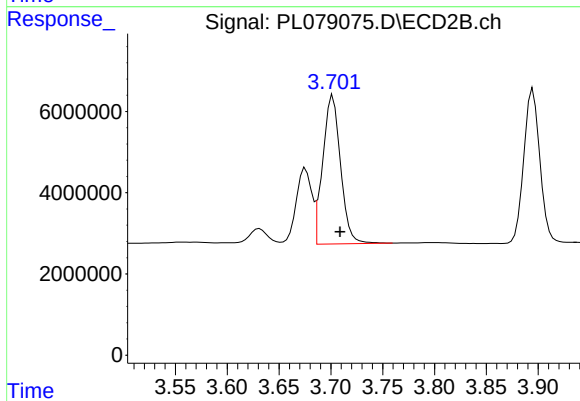
#3 gamma-BHC (Lindane)

R.T.: 3.375 min  
Delta R.T.: -0.007 min  
Response: 45526171  
Conc: 12.67 ng/ml



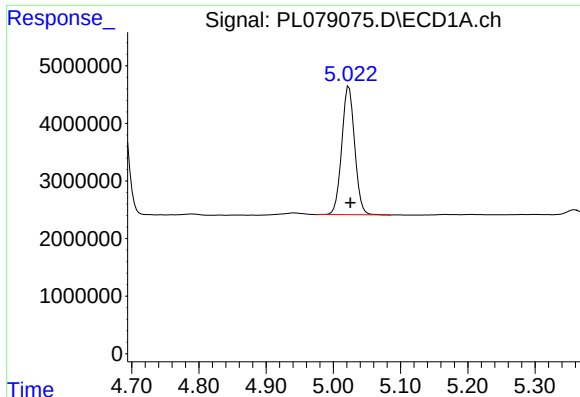
#4 Heptachlor

R.T.: 4.686 min  
Delta R.T.: -0.002 min  
Response: 31647522  
Conc: 12.19 ng/ml



#4 Heptachlor

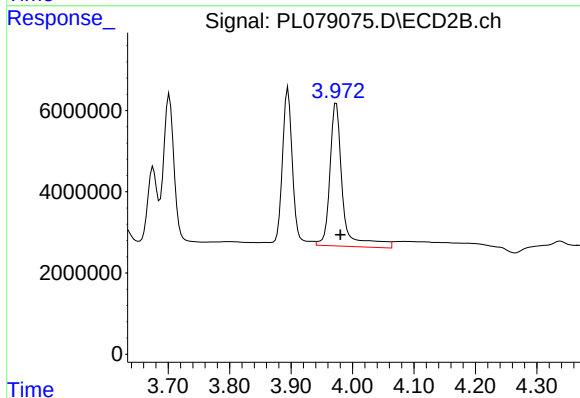
R.T.: 3.702 min  
Delta R.T.: -0.007 min  
Response: 43574524  
Conc: 12.57 ng/ml



#5 Aldrin

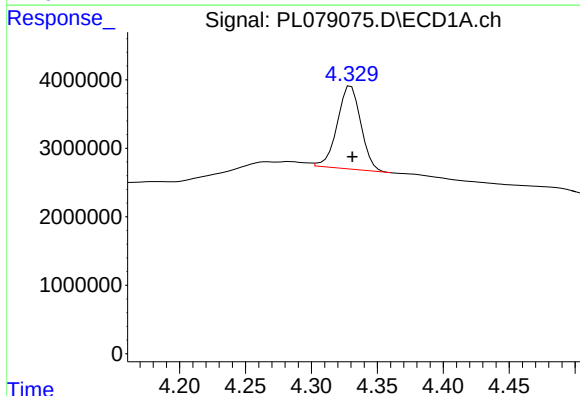
R.T.: 5.023 min  
Delta R.T.: -0.002 min  
Response: 29679666  
Conc: 11.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



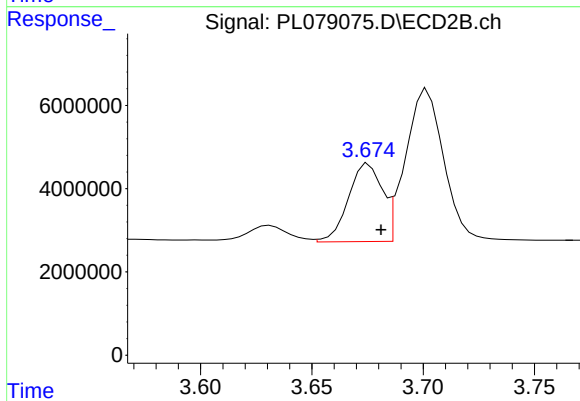
#5 Aldrin

R.T.: 3.974 min  
Delta R.T.: -0.007 min  
Response: 50706616  
Conc: 14.48 ng/ml



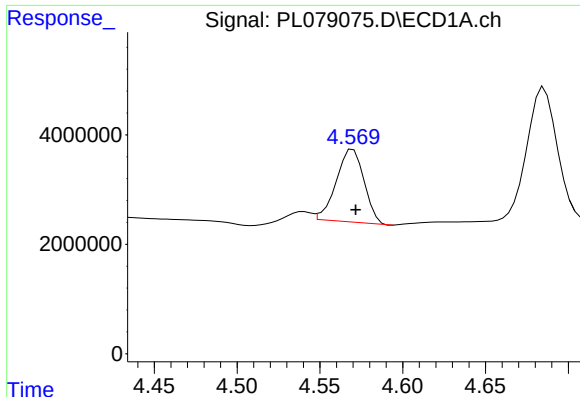
#6 beta-BHC

R.T.: 4.330 min  
Delta R.T.: -0.001 min  
Response: 14990467  
Conc: 13.01 ng/ml



#6 beta-BHC

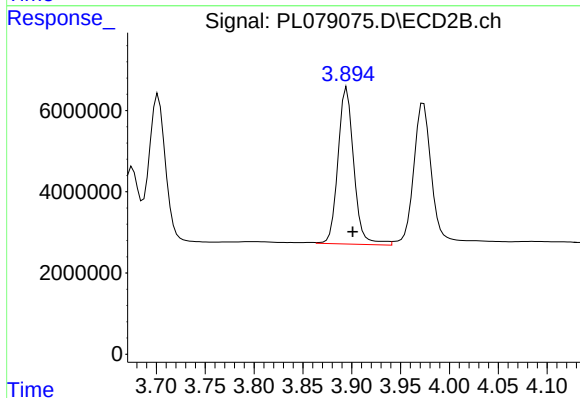
R.T.: 3.676 min  
Delta R.T.: -0.006 min  
Response: 19788157  
Conc: 13.79 ng/ml



#7 delta-BHC

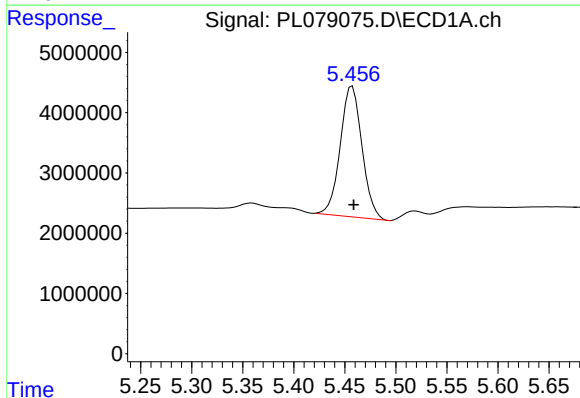
R.T.: 4.570 min  
Delta R.T.: -0.002 min  
Response: 15586806  
Conc: 6.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



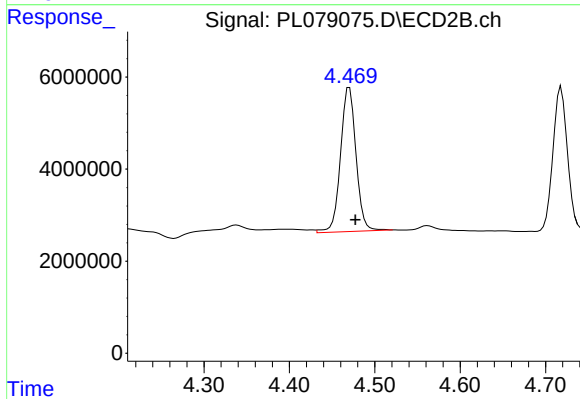
#7 delta-BHC

R.T.: 3.895 min  
Delta R.T.: -0.006 min  
Response: 43513425  
Conc: 11.95 ng/ml



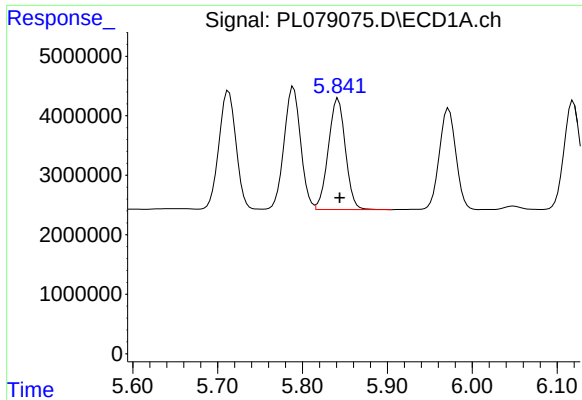
#8 Heptachlor epoxide

R.T.: 5.457 min  
Delta R.T.: -0.001 min  
Response: 32141655  
Conc: 15.14 ng/ml



#8 Heptachlor epoxide

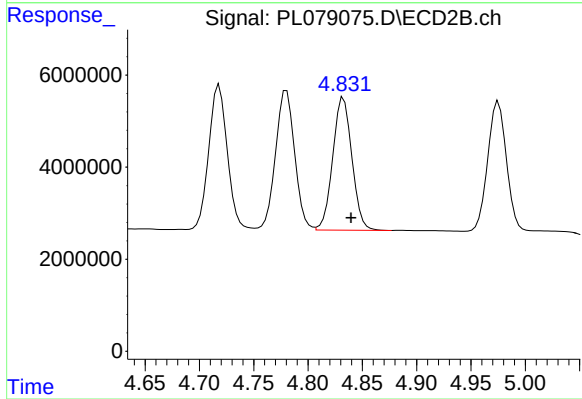
R.T.: 4.470 min  
Delta R.T.: -0.007 min  
Response: 39416205  
Conc: 13.08 ng/ml



#9 Endosulfan I

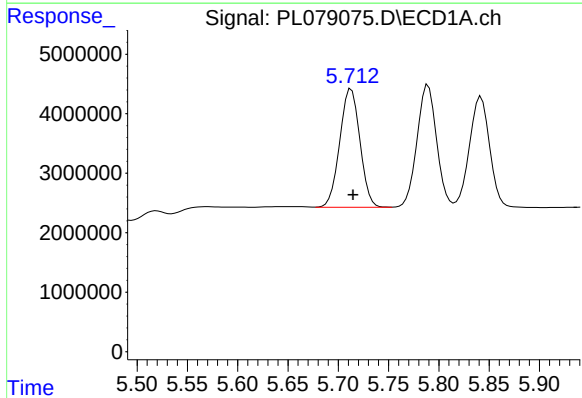
R.T.: 5.842 min  
Delta R.T.: -0.002 min  
Response: 26117389  
Conc: 12.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



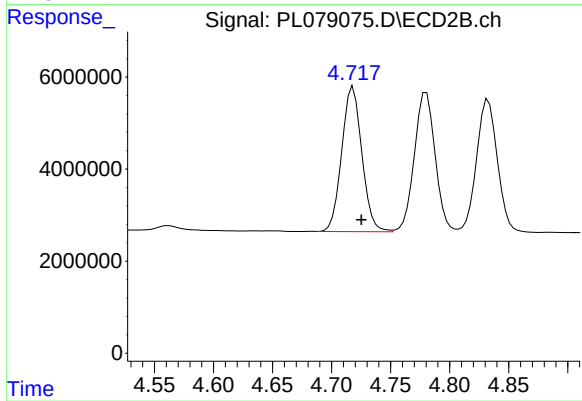
#9 Endosulfan I

R.T.: 4.833 min  
Delta R.T.: -0.007 min  
Response: 35459121  
Conc: 12.39 ng/ml



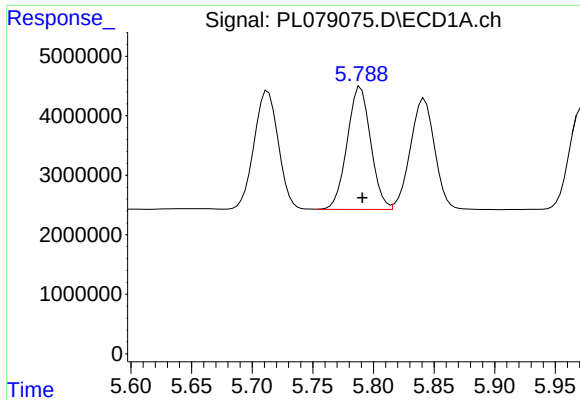
#10 gamma-Chlordane

R.T.: 5.713 min  
Delta R.T.: -0.002 min  
Response: 27785147  
Conc: 12.31 ng/ml



#10 gamma-Chlordane

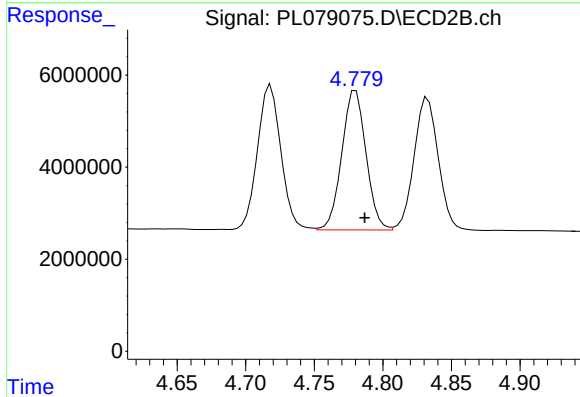
R.T.: 4.718 min  
Delta R.T.: -0.007 min  
Response: 37385901  
Conc: 12.20 ng/ml



#11 alpha-Chlordane

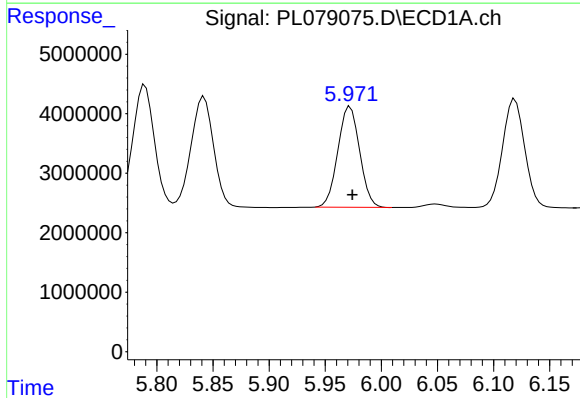
R.T.: 5.789 min  
Delta R.T.: -0.002 min  
Response: 27909092  
Conc: 12.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



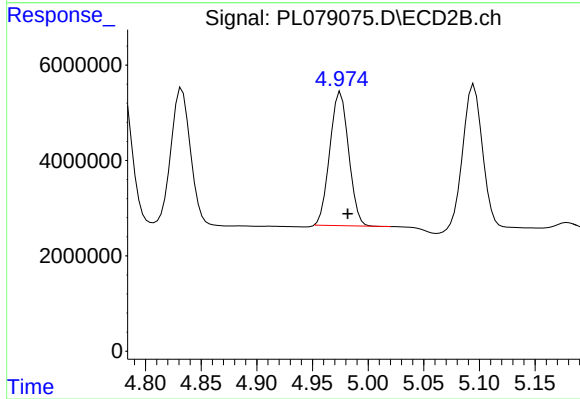
#11 alpha-Chlordane

R.T.: 4.780 min  
Delta R.T.: -0.007 min  
Response: 37260991  
Conc: 12.50 ng/ml



#12 4,4'-DDE

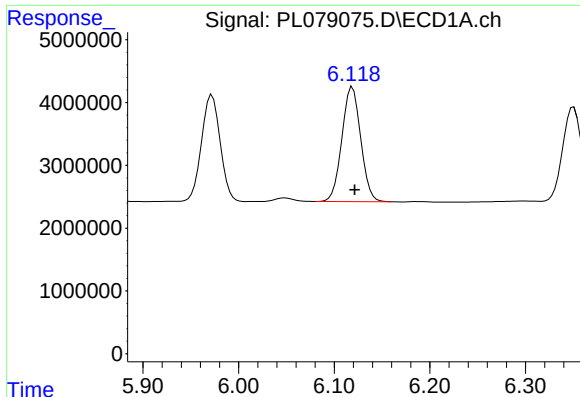
R.T.: 5.972 min  
Delta R.T.: -0.002 min  
Response: 22898556  
Conc: 11.44 ng/ml



#12 4,4'-DDE

R.T.: 4.975 min  
Delta R.T.: -0.006 min  
Response: 33018320  
Conc: 12.13 ng/ml

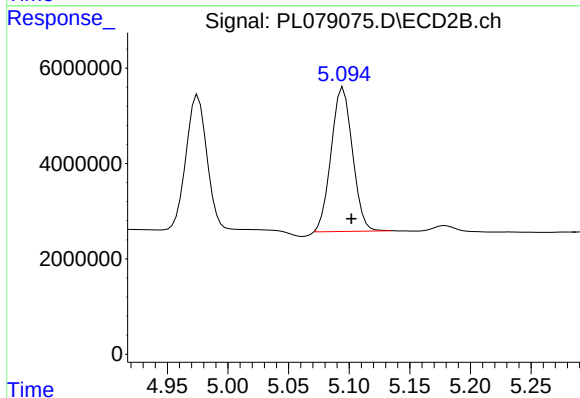




#13 Dieldrin

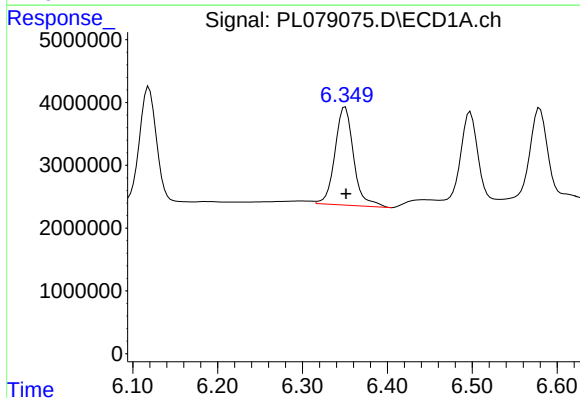
R.T.: 6.119 min  
Delta R.T.: -0.002 min  
Response: 25047629  
Conc: 11.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



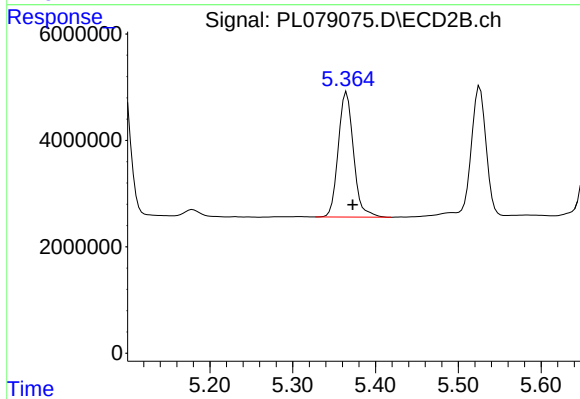
#13 Dieldrin

R.T.: 5.095 min  
Delta R.T.: -0.007 min  
Response: 36911181  
Conc: 12.46 ng/ml



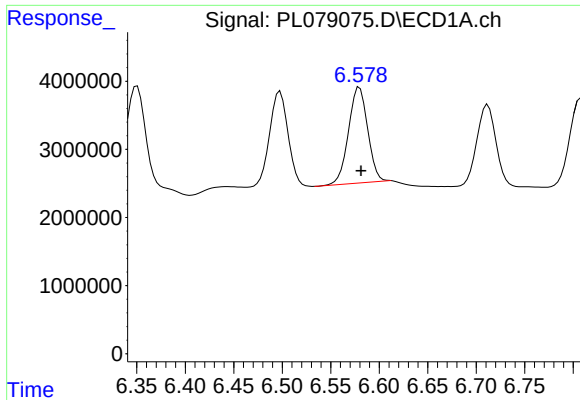
#14 Endrin

R.T.: 6.350 min  
Delta R.T.: -0.001 min  
Response: 23856983  
Conc: 12.57 ng/ml



#14 Endrin

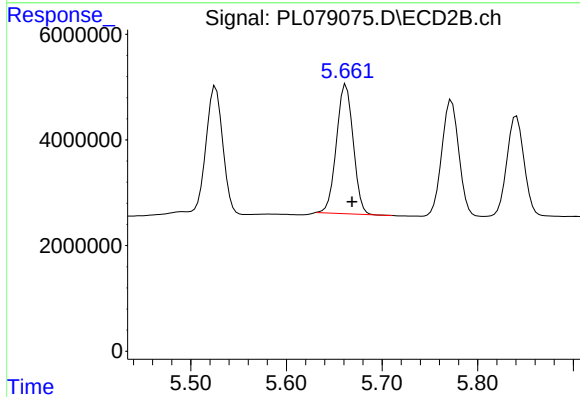
R.T.: 5.365 min  
Delta R.T.: -0.007 min  
Response: 30107219  
Conc: 11.56 ng/ml



#15 Endosulfan II

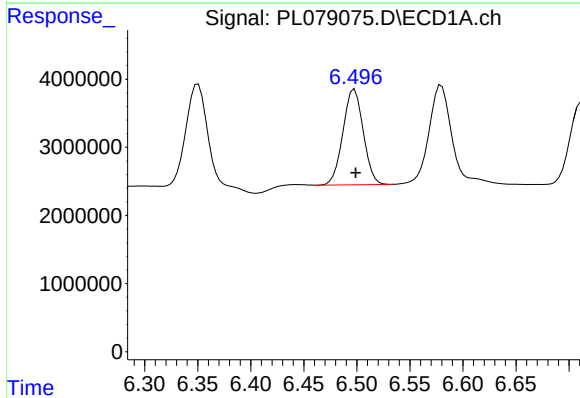
R.T.: 6.580 min  
Delta R.T.: -0.002 min  
Response: 19332294  
Conc: 10.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



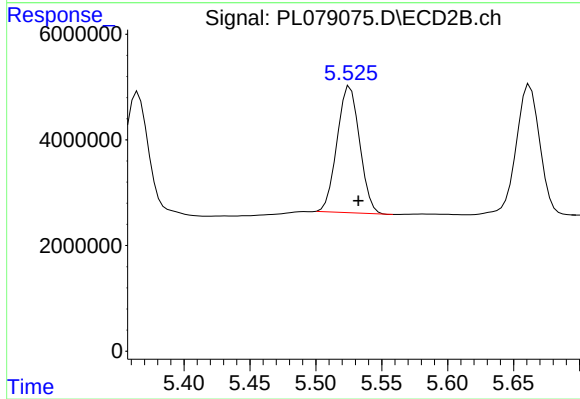
#15 Endosulfan II

R.T.: 5.662 min  
Delta R.T.: -0.006 min  
Response: 29757502  
Conc: 13.07 ng/ml



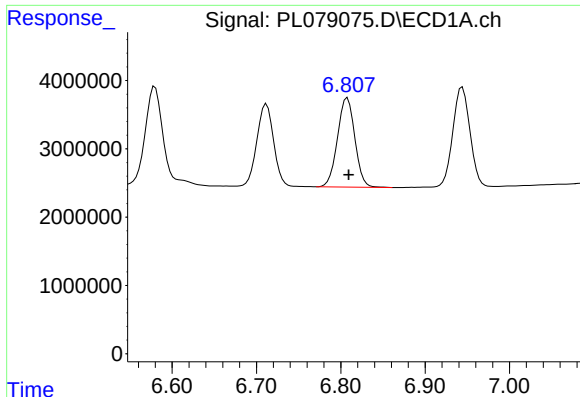
#16 4,4'-DDD

R.T.: 6.498 min  
Delta R.T.: -0.001 min  
Response: 18648100  
Conc: 11.19 ng/ml



#16 4,4'-DDD

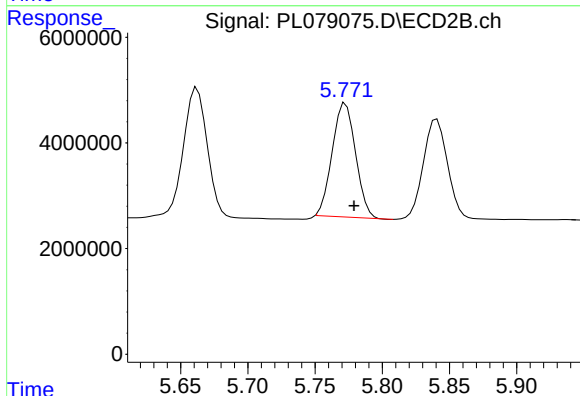
R.T.: 5.526 min  
Delta R.T.: -0.006 min  
Response: 28560874  
Conc: 13.00 ng/ml



#17 4,4'-DDT

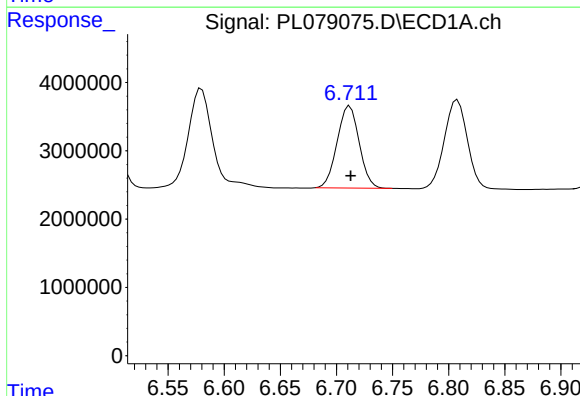
R.T.: 6.808 min  
Delta R.T.: -0.001 min  
Response: 18694053  
Conc: 10.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



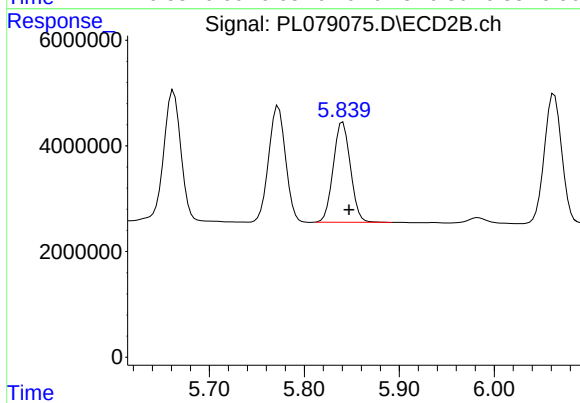
#17 4,4'-DDT

R.T.: 5.773 min  
Delta R.T.: -0.006 min  
Response: 25914278  
Conc: 11.95 ng/ml



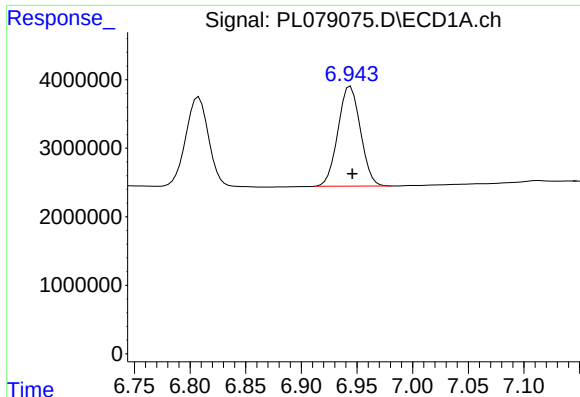
#18 Endrin aldehyde

R.T.: 6.712 min  
Delta R.T.: 0.000 min  
Response: 16449805  
Conc: 11.31 ng/ml



#18 Endrin aldehyde

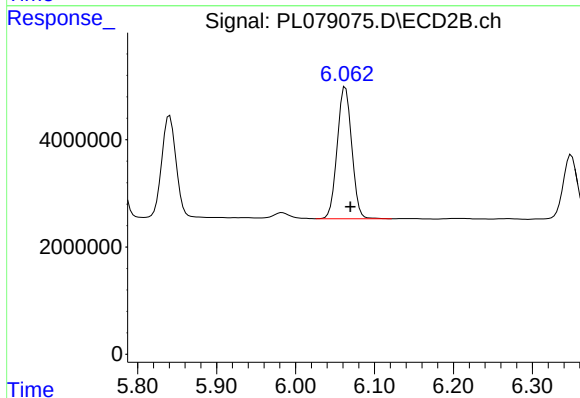
R.T.: 5.841 min  
Delta R.T.: -0.007 min  
Response: 23822290  
Conc: 12.69 ng/ml



#19 Endosulfan Sulfate

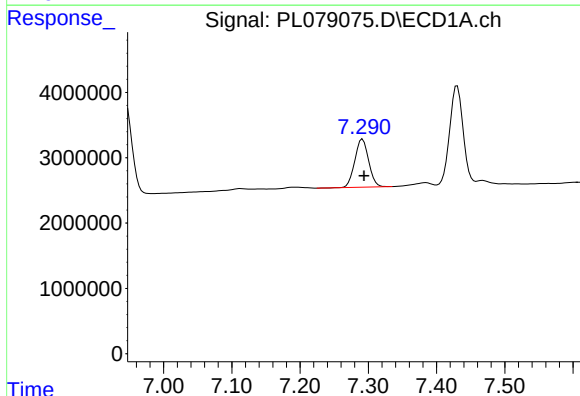
R.T.: 6.944 min  
Delta R.T.: -0.002 min  
Response: 20520689  
Conc: 11.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



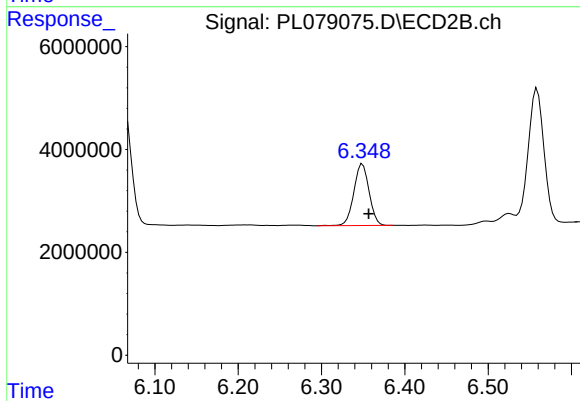
#19 Endosulfan Sulfate

R.T.: 6.063 min  
Delta R.T.: -0.006 min  
Response: 31494667  
Conc: 13.23 ng/ml



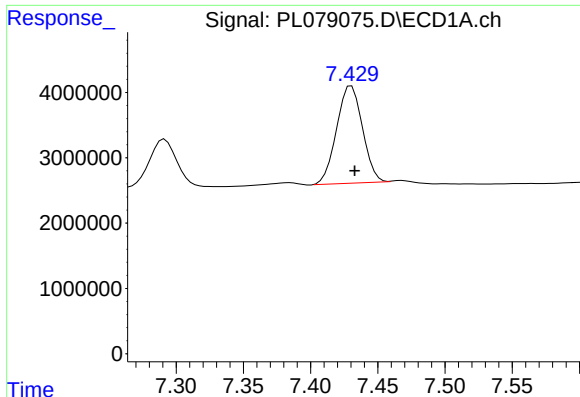
#20 Methoxychlor

R.T.: 7.291 min  
Delta R.T.: -0.002 min  
Response: 10371162  
Conc: 11.26 ng/ml



#20 Methoxychlor

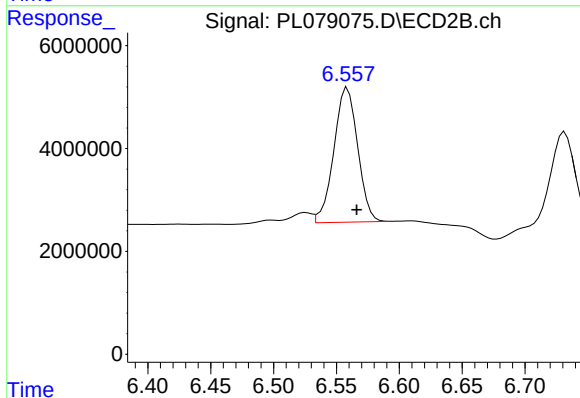
R.T.: 6.349 min  
Delta R.T.: -0.007 min  
Response: 15267554  
Conc: 13.45 ng/ml



#21 Endrin ketone

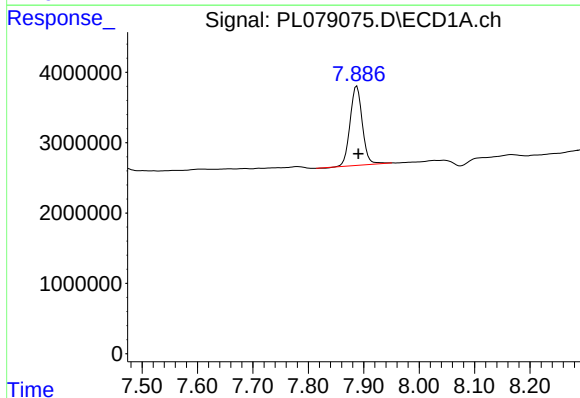
R.T.: 7.430 min  
Delta R.T.: -0.003 min  
Response: 19862025  
Conc: 10.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



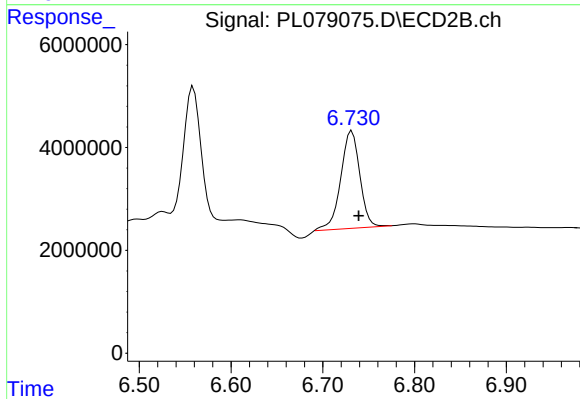
#21 Endrin ketone

R.T.: 6.559 min  
Delta R.T.: -0.007 min  
Response: 34469319  
Conc: 13.34 ng/ml



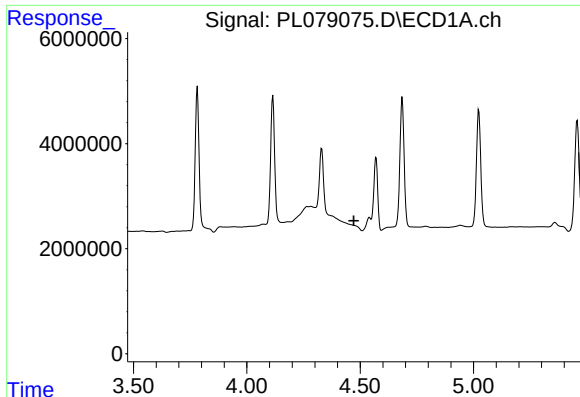
#22 Mirex

R.T.: 7.888 min  
Delta R.T.: -0.003 min  
Response: 17298436  
Conc: 11.85 ng/ml



#22 Mirex

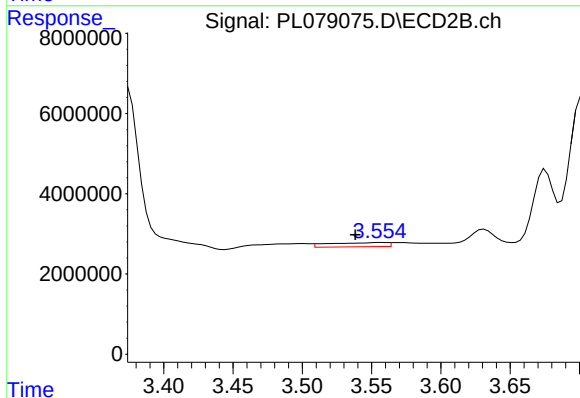
R.T.: 6.732 min  
Delta R.T.: -0.007 min  
Response: 27270579  
Conc: 13.86 ng/ml



#23 Chlordane-1

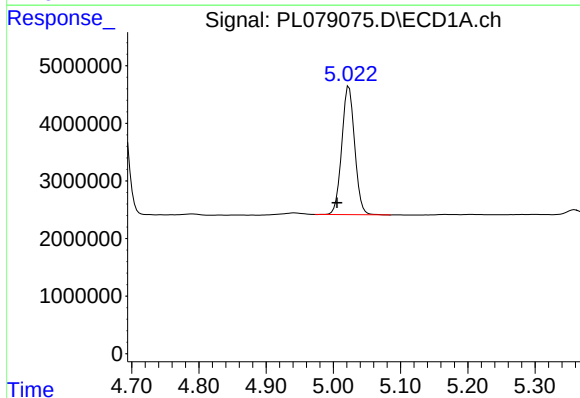
R.T.: 0.000 min  
Exp R.T.: 4.472 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



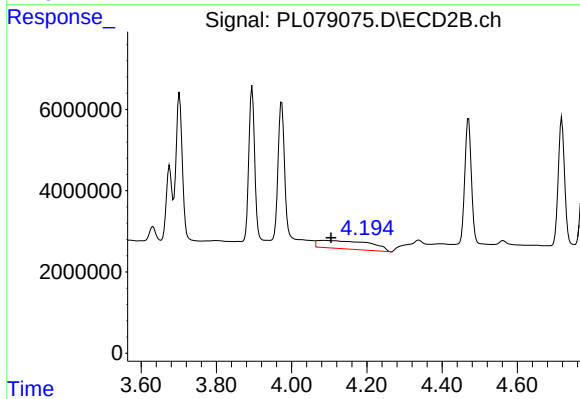
#23 Chlordane-1

R.T.: 3.556 min  
Delta R.T.: 0.018 min  
Response: 3003842  
Conc: 29.78 ng/ml



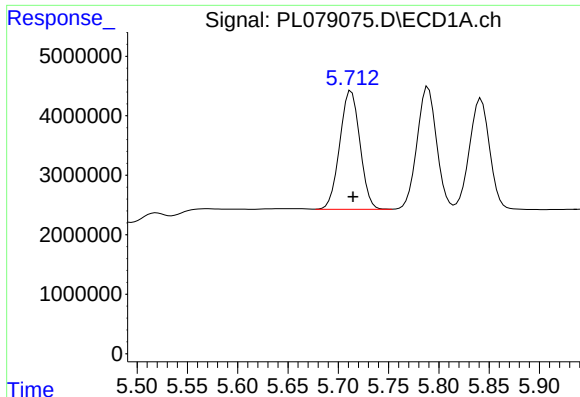
#24 Chlordane-2

R.T.: 5.023 min  
Delta R.T.: 0.018 min  
Response: 29679666  
Conc: 358.69 ng/ml



#24 Chlordane-2

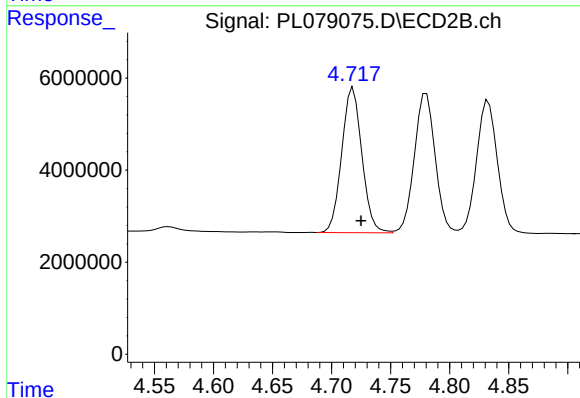
R.T.: 4.085 min  
Delta R.T.: -0.020 min  
Response: 19628201  
Conc: 184.43 ng/ml



#25 Chlordane-3

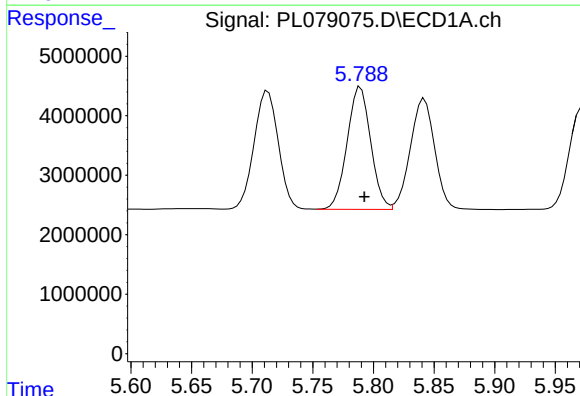
R.T.: 5.713 min  
Delta R.T.: -0.002 min  
Response: 27785147  
Conc: 83.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



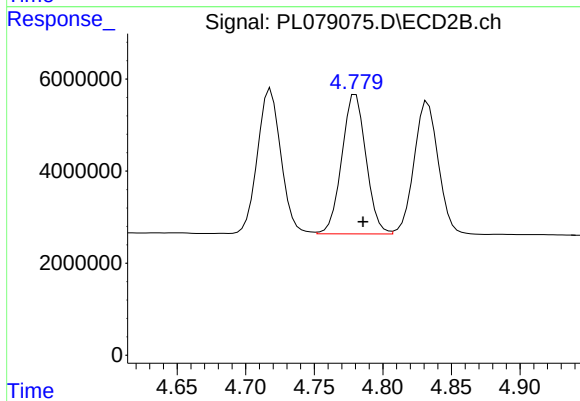
#25 Chlordane-3

R.T.: 4.718 min  
Delta R.T.: -0.007 min  
Response: 37385901  
Conc: 122.66 ng/ml



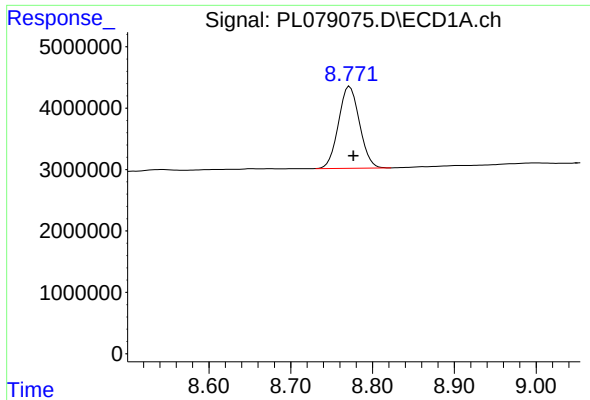
#26 Chlordane-4

R.T.: 5.789 min  
Delta R.T.: -0.003 min  
Response: 27909092  
Conc: 67.98 ng/ml



#26 Chlordane-4

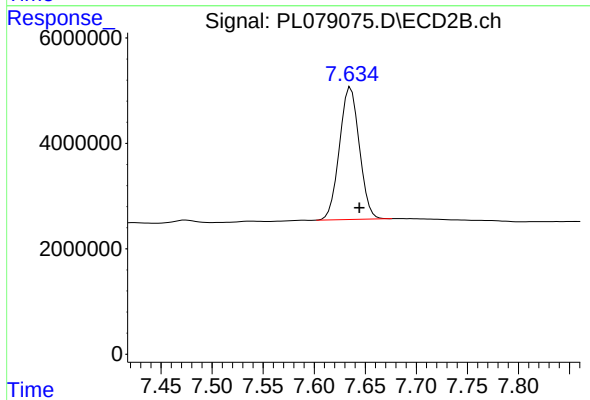
R.T.: 4.780 min  
Delta R.T.: -0.005 min  
Response: 37260991  
Conc: 114.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.772 min  
Delta R.T.: -0.004 min  
Response: 23772748  
Conc: 15.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 7.636 min  
Delta R.T.: -0.009 min  
Response: 34010051  
Conc: 17.96 ng/ml