

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110822\  
 Data File : PL078919.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Nov 2022 16:51  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 08 21:20:08 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  | 2.567  | 95590924 | 125.0E6  | 50.126   | 48.941    |
| 28)                         | SA Decachlor... | 8.771  | 7.635  | 72369715 | 95180089 | 48.107   | 50.251    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.785  | 3.053  | 146.6E6  | 192.7E6  | 51.062   | 48.795    |
| 3)                          | MA gamma-BHC... | 4.117  | 3.374  | 147.7E6  | 175.8E6  | 55.279   | 48.912    |
| 4)                          | MA Heptachlor   | 4.688  | 3.702  | 141.0E6  | 179.8E6  | 54.329   | 51.845    |
| 5)                          | MB Aldrin       | 5.026  | 3.973  | 127.4E6  | 179.1E6  | 51.459   | 51.148    |
| 6)                          | B beta-BHC      | 4.332  | 3.675  | 57892070 | 69733849 | 50.255   | 48.600    |
| 7)                          | B delta-BHC     | 4.573  | 3.894  | 115.9E6  | 179.7E6  | 50.889   | 49.355    |
| 8)                          | B Heptachlo...  | 5.459  | 4.470  | 105.0E6  | 150.9E6  | 49.459   | 50.069    |
| 9)                          | A Endosulfan I  | 5.843  | 4.832  | 108.0E6  | 143.4E6  | 50.640   | 50.081    |
| 10)                         | B gamma-Chl...  | 5.714  | 4.718  | 115.1E6  | 151.8E6  | 50.971   | 49.526    |
| 11)                         | B alpha-Chl...  | 5.791  | 4.779  | 116.4E6  | 149.0E6  | 50.317   | 49.981    |
| 12)                         | B 4,4'-DDE      | 5.974  | 4.975  | 100.8E6  | 133.7E6  | 50.359   | 49.098    |
| 13)                         | MA Dieldrin     | 6.121  | 5.094  | 107.2E6  | 143.4E6  | 49.724   | 48.393    |
| 14)                         | MA Endrin       | 6.351  | 5.364  | 95608737 | 131.3E6  | 50.378   | 50.402    |
| 15)                         | B Endosulfa...  | 6.580  | 5.662  | 89530738 | 115.1E6  | 47.720   | 50.551    |
| 16)                         | A 4,4'-DDD      | 6.498  | 5.525  | 80450200 | 111.3E6  | 48.260   | 50.670    |
| 17)                         | MA 4,4'-DDT     | 6.808  | 5.771  | 89538558 | 110.3E6  | 49.957   | 50.839    |
| 18)                         | B Endrin al...  | 6.711  | 5.839  | 70340823 | 92570092 | 48.342   | 49.324    |
| 19)                         | B Endosulfa...  | 6.944  | 6.062  | 88664127 | 121.3E6  | 48.189   | 50.952    |
| 20)                         | A Methoxychlor  | 7.292  | 6.348  | 46695388 | 62034613 | 50.707   | 54.666    |
| 21)                         | B Endrin ke...  | 7.430  | 6.558  | 90923812 | 135.0E6  | 48.328   | 52.220    |
| 22)                         | Mirex           | 7.887  | 6.730  | 70150205 | 98324613 | 48.054   | 49.963    |
| 24)                         | Chlordane-2     | 5.026f | 4.085f | 127.4E6  | 6307174  | 1540.286 | 59.263 #  |
| 25)                         | Chlordane-3     | 5.714  | 4.718  | 115.1E6  | 151.8E6  | 344.416  | 497.959 # |
| 26)                         | Chlordane-4     | 5.791  | 4.779  | 116.4E6  | 149.0E6  | 283.585  | 455.878 # |
| -----                       |                 |        |        |          |          |          |           |

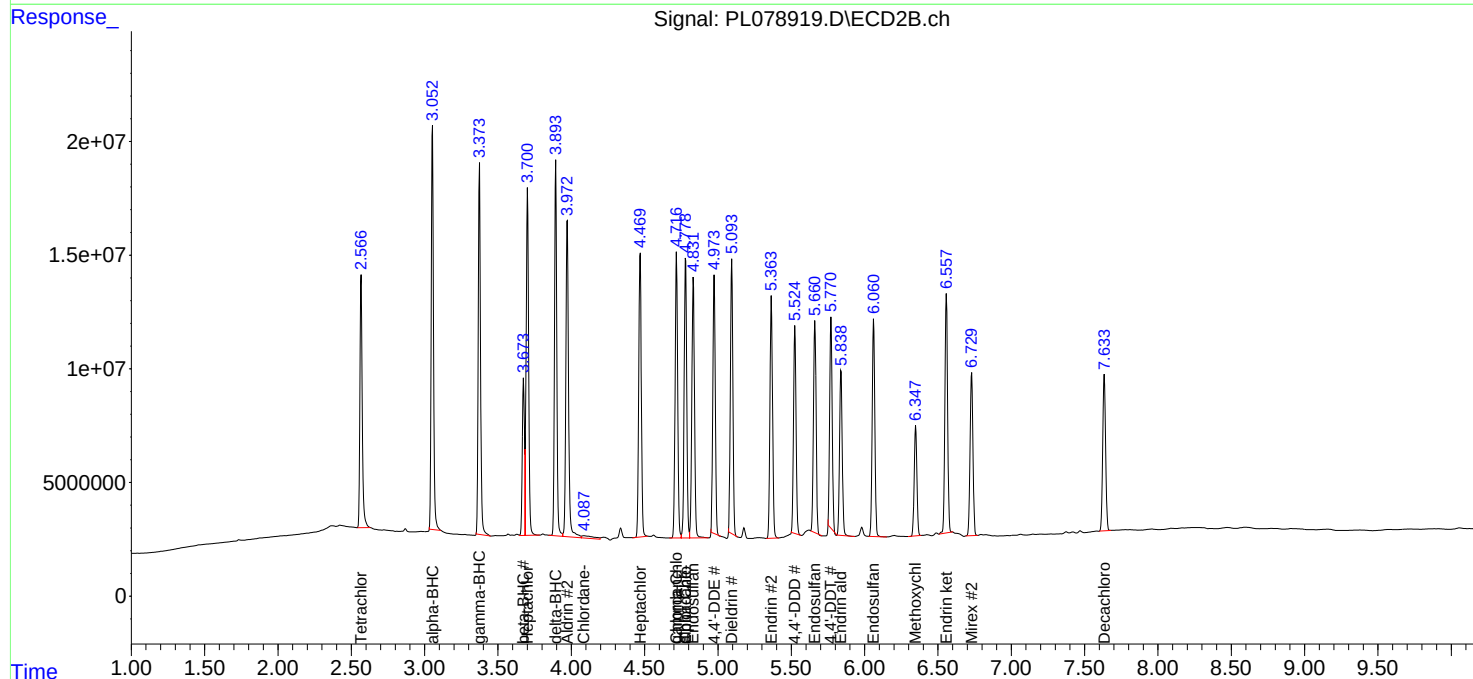
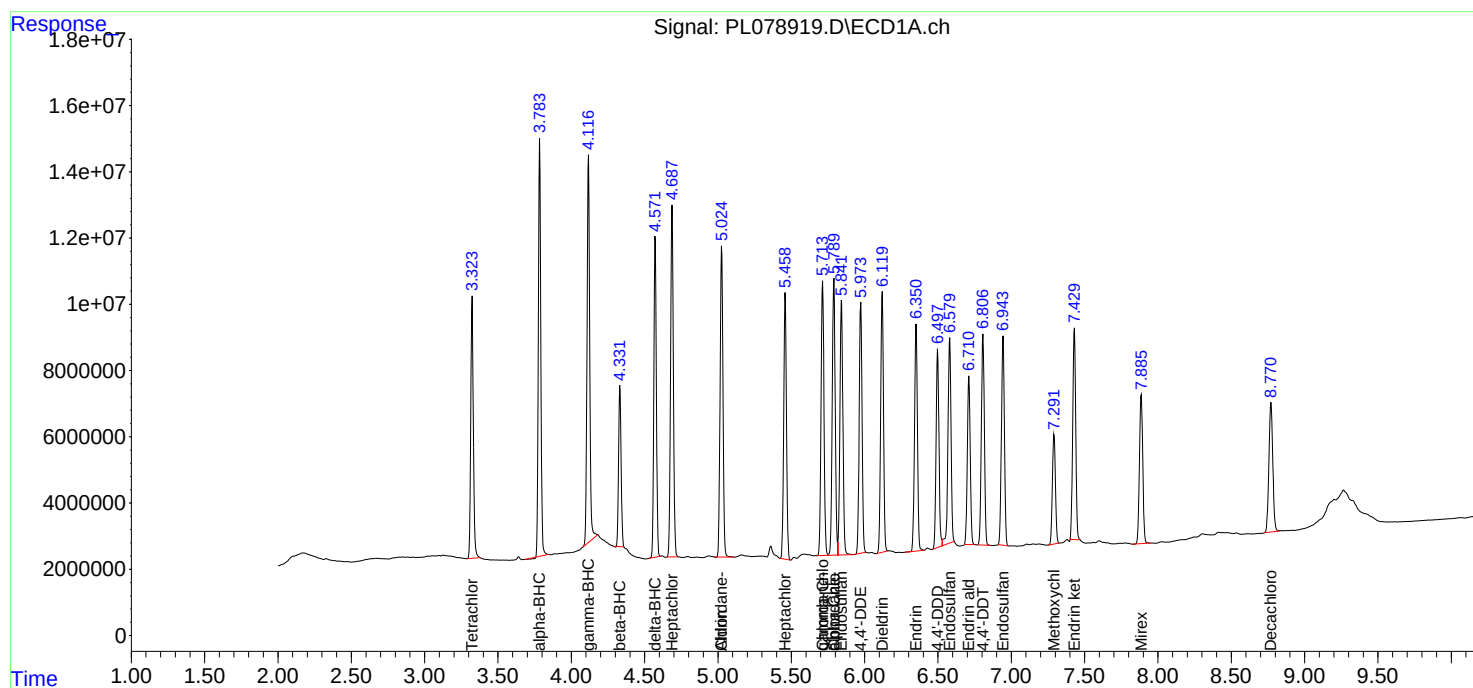
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

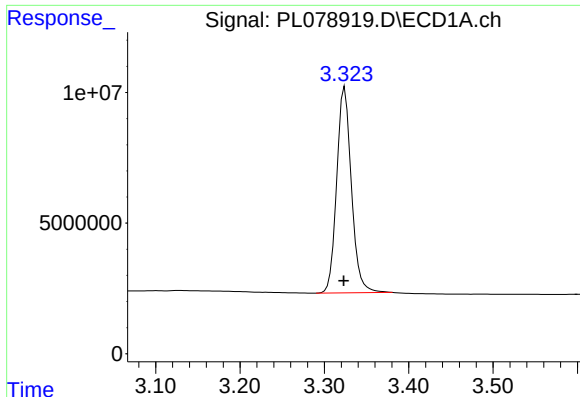
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110822\  
Data File : PL078919.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Nov 2022 16:51  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 08 21:20:08 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

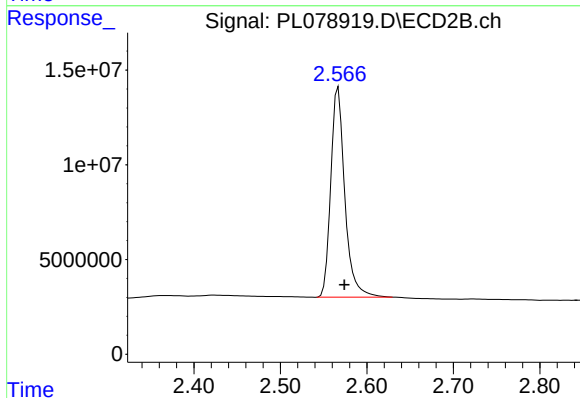




#1 Tetrachloro-m-xylene

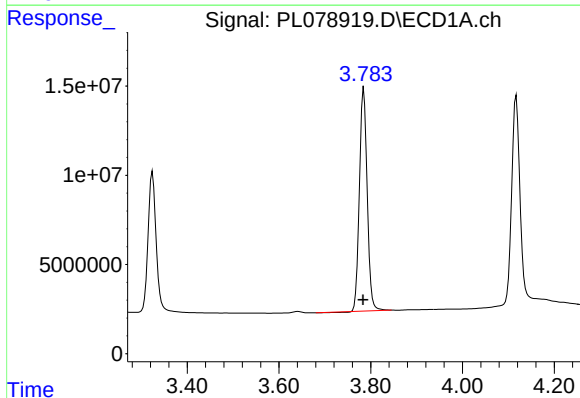
R.T.: 3.324 min  
Delta R.T.: 0.001 min  
Response: 95590924  
Conc: 50.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



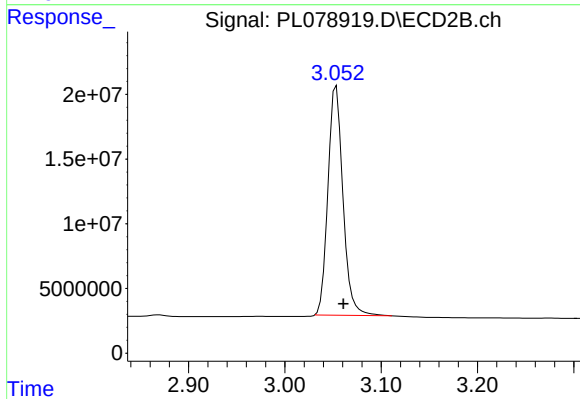
#1 Tetrachloro-m-xylene

R.T.: 2.567 min  
Delta R.T.: -0.007 min  
Response: 124955355  
Conc: 48.94 ng/ml



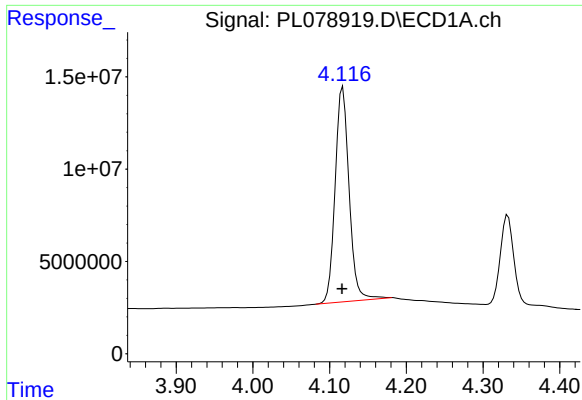
#2 alpha-BHC

R.T.: 3.785 min  
Delta R.T.: 0.001 min  
Response: 146618350  
Conc: 51.06 ng/ml



#2 alpha-BHC

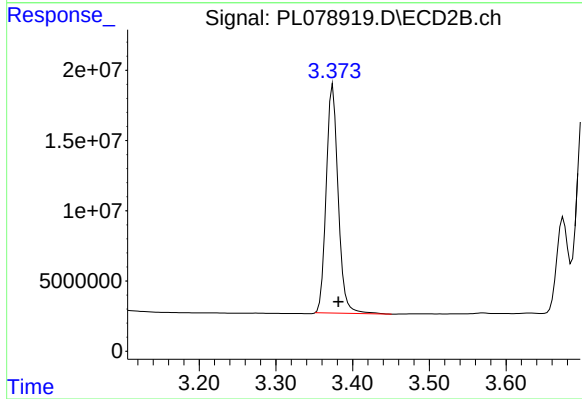
R.T.: 3.053 min  
Delta R.T.: -0.007 min  
Response: 192693069  
Conc: 48.79 ng/ml



#3 gamma-BHC (Lindane)

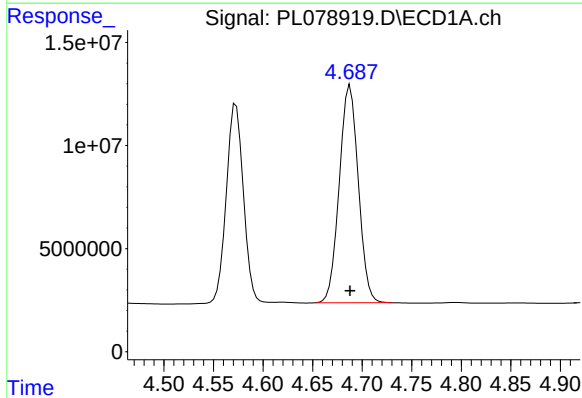
R.T.: 4.117 min  
Delta R.T.: 0.000 min  
Response: 147691721  
Conc: 55.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



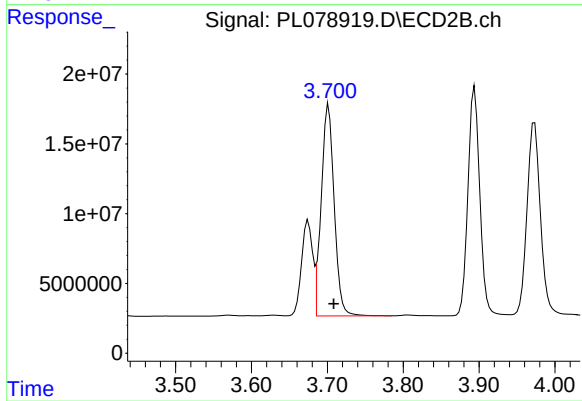
#3 gamma-BHC (Lindane)

R.T.: 3.374 min  
Delta R.T.: -0.007 min  
Response: 175798656  
Conc: 48.91 ng/ml



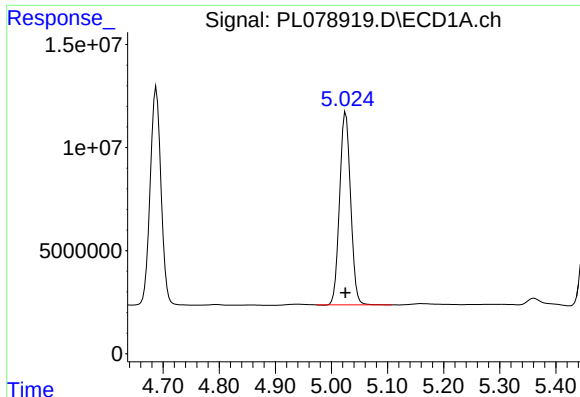
#4 Heptachlor

R.T.: 4.688 min  
Delta R.T.: 0.000 min  
Response: 141037619  
Conc: 54.33 ng/ml



#4 Heptachlor

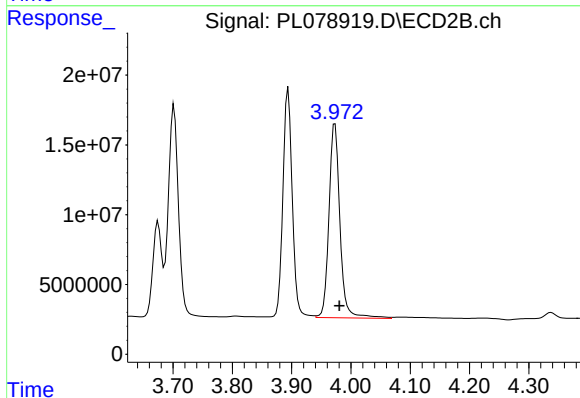
R.T.: 3.702 min  
Delta R.T.: -0.007 min  
Response: 179789105  
Conc: 51.85 ng/ml



#5 Aldrin

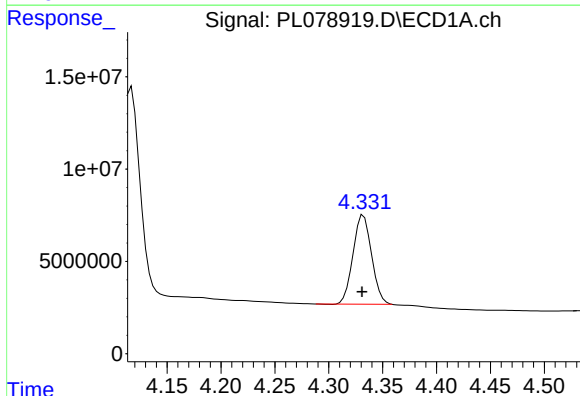
R.T.: 5.026 min  
Delta R.T.: 0.000 min  
Response: 127449083  
Conc: 51.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



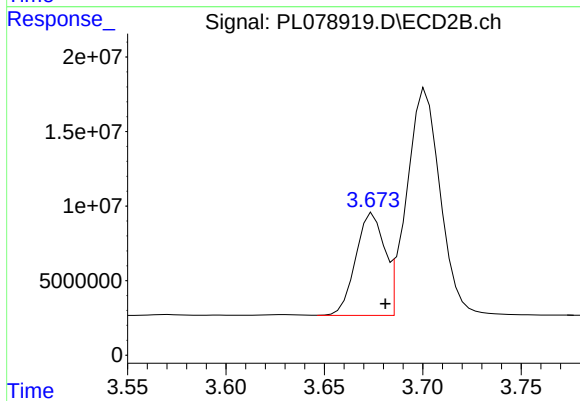
#5 Aldrin

R.T.: 3.973 min  
Delta R.T.: -0.007 min  
Response: 179105901  
Conc: 51.15 ng/ml



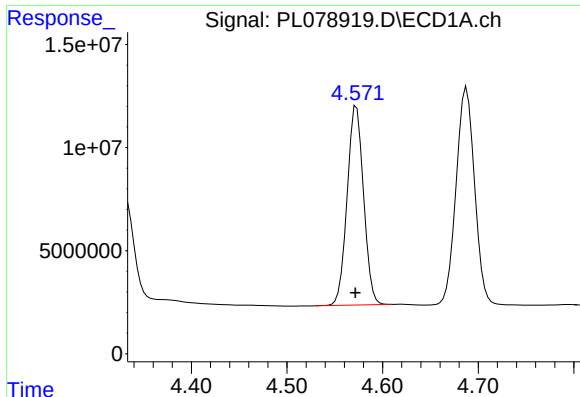
#6 beta-BHC

R.T.: 4.332 min  
Delta R.T.: 0.001 min  
Response: 57892070  
Conc: 50.25 ng/ml



#6 beta-BHC

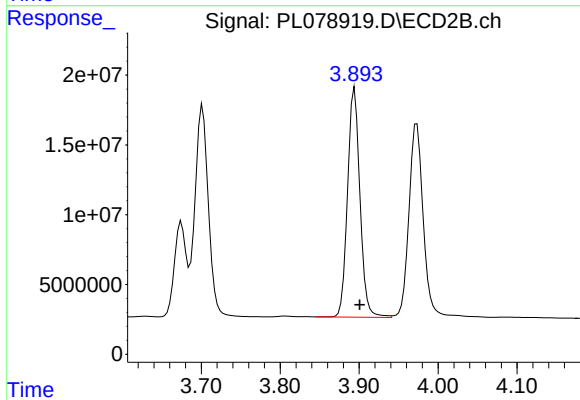
R.T.: 3.675 min  
Delta R.T.: -0.006 min  
Response: 69733849  
Conc: 48.60 ng/ml



#7 delta-BHC

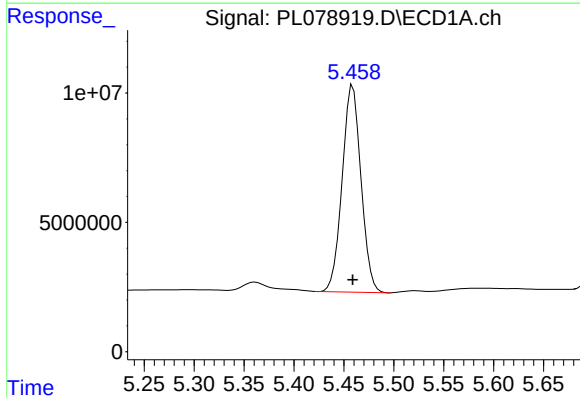
R.T.: 4.573 min  
Delta R.T.: 0.001 min  
Response: 115868017  
Conc: 50.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



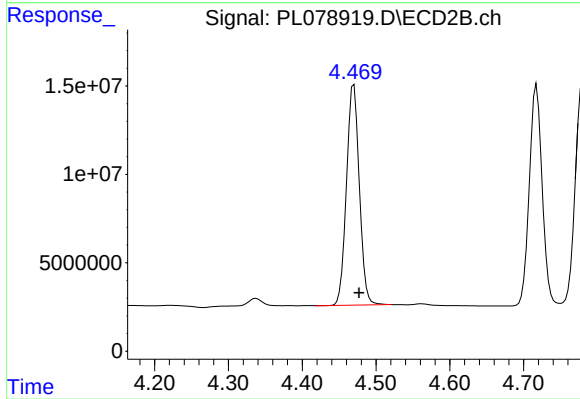
#7 delta-BHC

R.T.: 3.894 min  
Delta R.T.: -0.007 min  
Response: 179717365  
Conc: 49.35 ng/ml



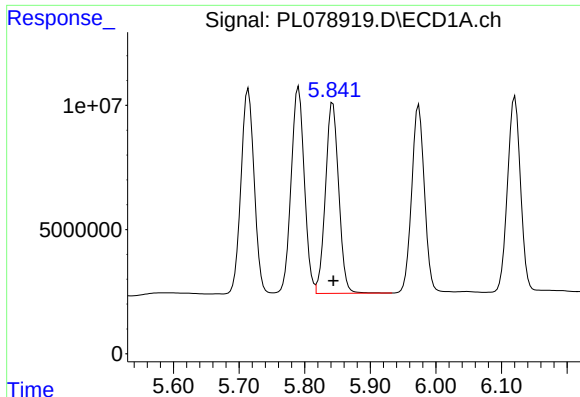
#8 Heptachlor epoxide

R.T.: 5.459 min  
Delta R.T.: 0.000 min  
Response: 105002809  
Conc: 49.46 ng/ml



#8 Heptachlor epoxide

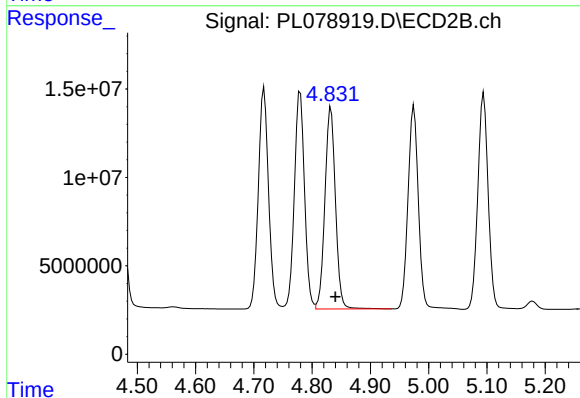
R.T.: 4.470 min  
Delta R.T.: -0.007 min  
Response: 150868811  
Conc: 50.07 ng/ml



#9 Endosulfan I

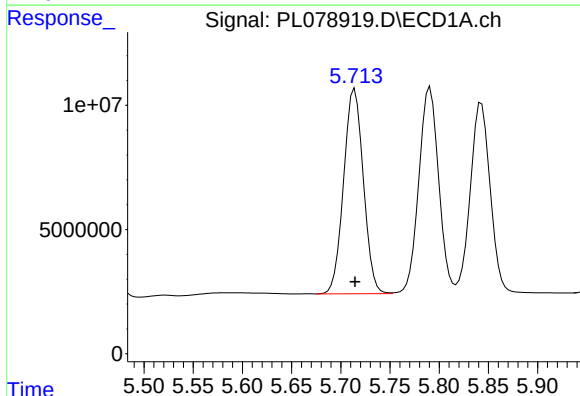
R.T.: 5.843 min  
Delta R.T.: -0.001 min  
Response: 108044604  
Conc: 50.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



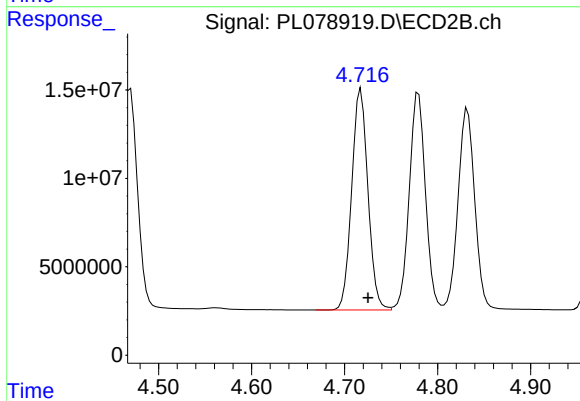
#9 Endosulfan I

R.T.: 4.832 min  
Delta R.T.: -0.007 min  
Response: 143364920  
Conc: 50.08 ng/ml



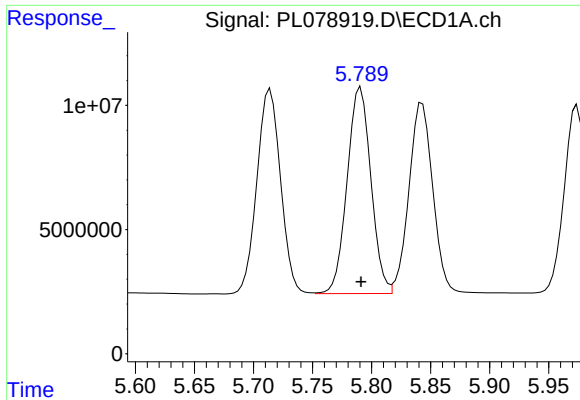
#10 gamma-Chlordane

R.T.: 5.714 min  
Delta R.T.: 0.000 min  
Response: 115050031  
Conc: 50.97 ng/ml



#10 gamma-Chlordane

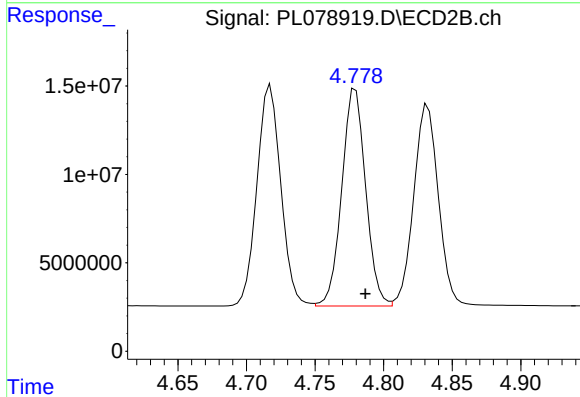
R.T.: 4.718 min  
Delta R.T.: -0.007 min  
Response: 151770090  
Conc: 49.53 ng/ml



#11 alpha-Chlordane

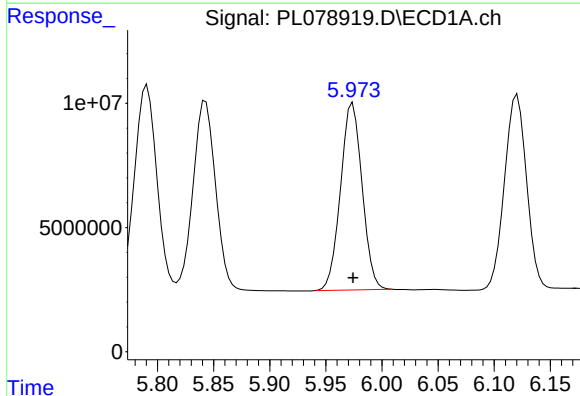
R.T.: 5.791 min  
Delta R.T.: 0.000 min  
Response: 116422951  
Conc: 50.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



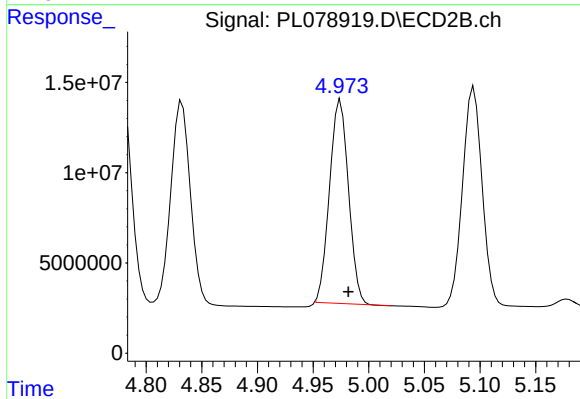
#11 alpha-Chlordane

R.T.: 4.779 min  
Delta R.T.: -0.007 min  
Response: 148964238  
Conc: 49.98 ng/ml



#12 4,4'-DDE

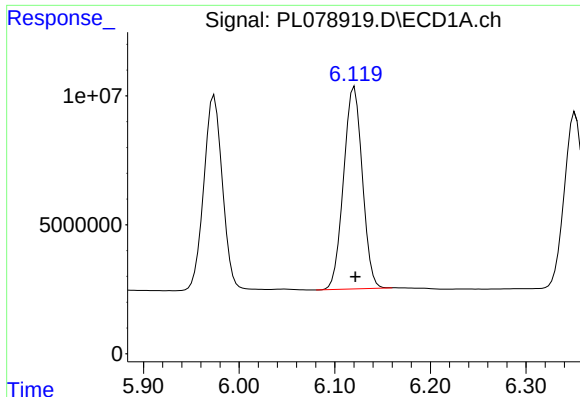
R.T.: 5.974 min  
Delta R.T.: 0.000 min  
Response: 100785942  
Conc: 50.36 ng/ml



#12 4,4'-DDE

R.T.: 4.975 min  
Delta R.T.: -0.007 min  
Response: 133669907  
Conc: 49.10 ng/ml

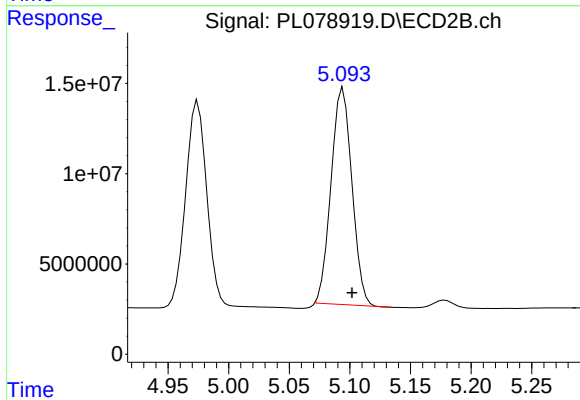




#13 Dieldrin

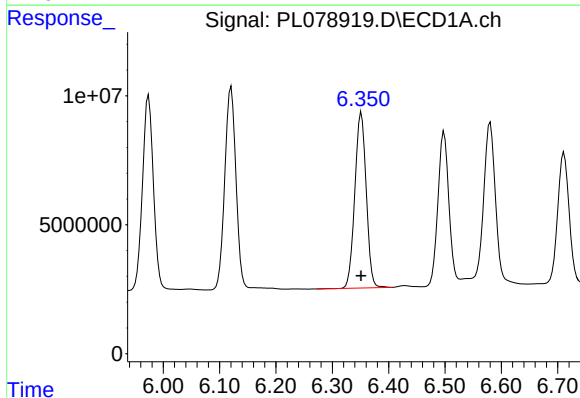
R.T.: 6.121 min  
Delta R.T.: 0.000 min  
Response: 107230031  
Conc: 49.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



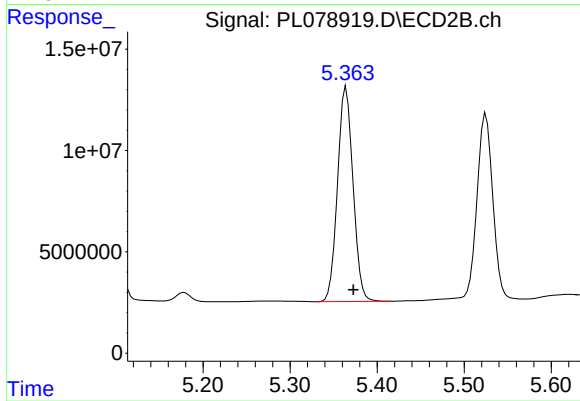
#13 Dieldrin

R.T.: 5.094 min  
Delta R.T.: -0.007 min  
Response: 143394117  
Conc: 48.39 ng/ml



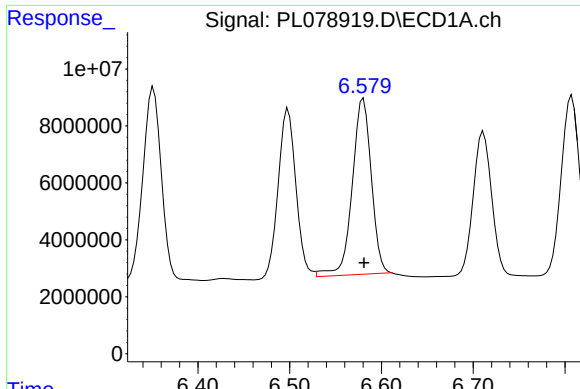
#14 Endrin

R.T.: 6.351 min  
Delta R.T.: 0.000 min  
Response: 95608737  
Conc: 50.38 ng/ml



#14 Endrin

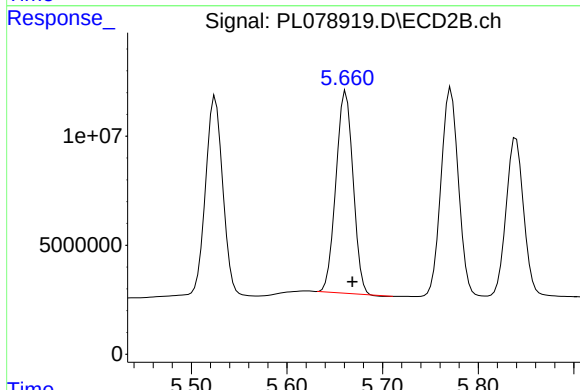
R.T.: 5.364 min  
Delta R.T.: -0.008 min  
Response: 131310467  
Conc: 50.40 ng/ml



#15 Endosulfan II

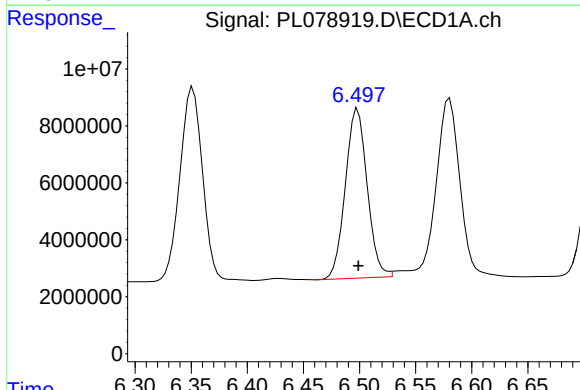
R.T.: 6.580 min  
Delta R.T.: 0.000 min  
Response: 89530738  
Conc: 47.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



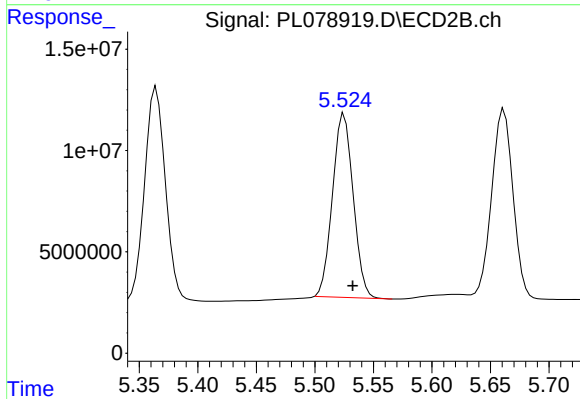
#15 Endosulfan II

R.T.: 5.662 min  
Delta R.T.: -0.007 min  
Response: 115067341  
Conc: 50.55 ng/ml



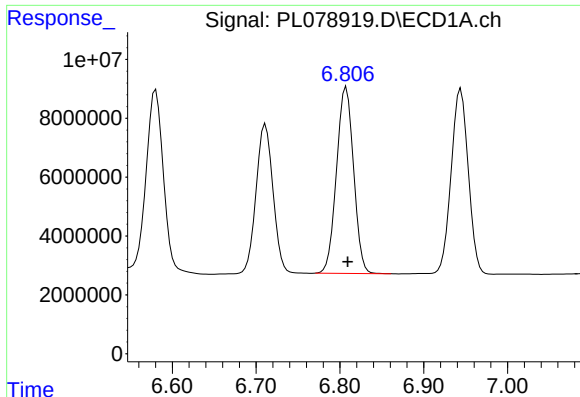
#16 4,4'-DDD

R.T.: 6.498 min  
Delta R.T.: 0.000 min  
Response: 80450200  
Conc: 48.26 ng/ml



#16 4,4'-DDD

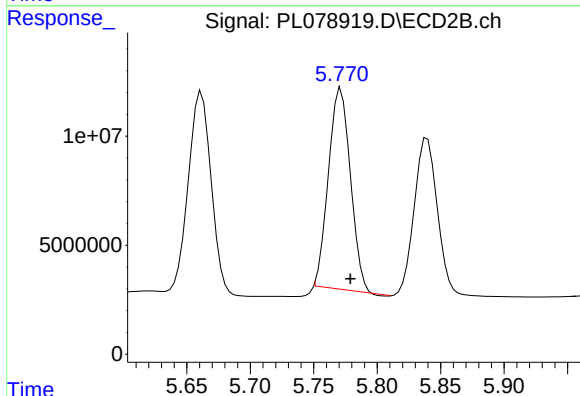
R.T.: 5.525 min  
Delta R.T.: -0.007 min  
Response: 111290565  
Conc: 50.67 ng/ml



#17 4,4'-DDT

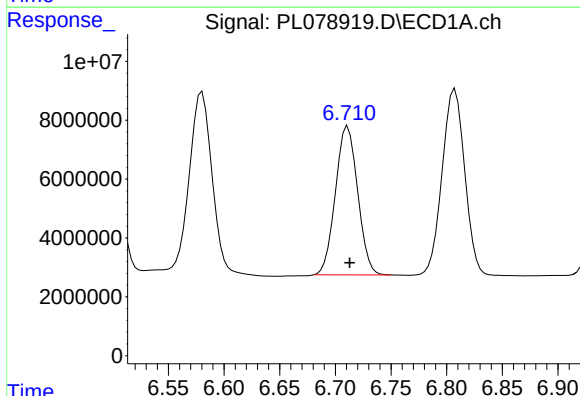
R.T.: 6.808 min  
Delta R.T.: -0.002 min  
Response: 89538558  
Conc: 49.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



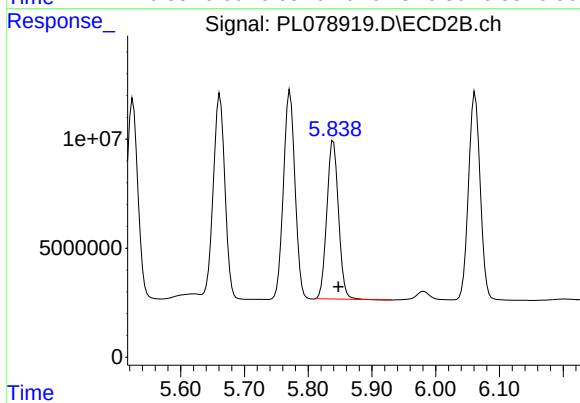
#17 4,4'-DDT

R.T.: 5.771 min  
Delta R.T.: -0.008 min  
Response: 110276688  
Conc: 50.84 ng/ml



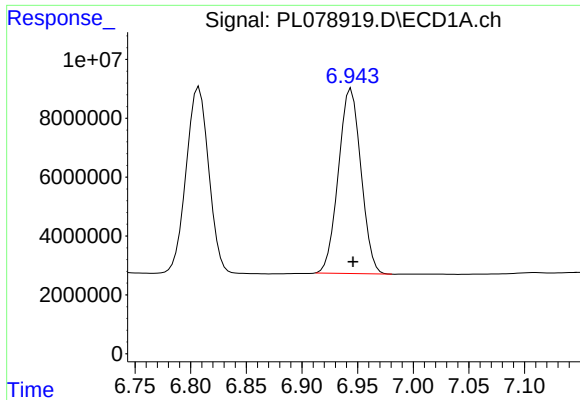
#18 Endrin aldehyde

R.T.: 6.711 min  
Delta R.T.: -0.002 min  
Response: 70340823  
Conc: 48.34 ng/ml



#18 Endrin aldehyde

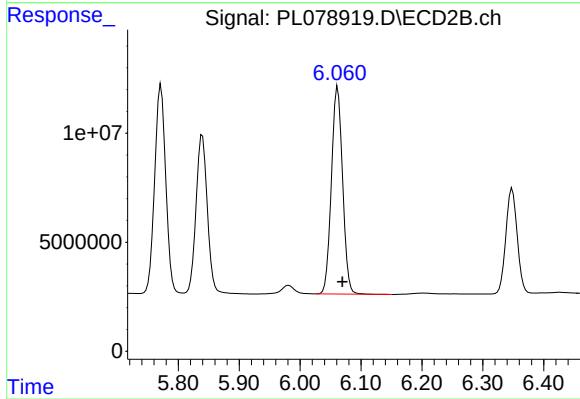
R.T.: 5.839 min  
Delta R.T.: -0.008 min  
Response: 92570092  
Conc: 49.32 ng/ml



#19 Endosulfan Sulfate

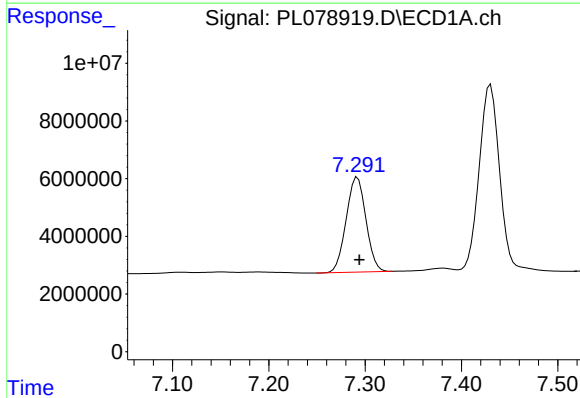
R.T.: 6.944 min  
Delta R.T.: -0.002 min  
Response: 88664127  
Conc: 48.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



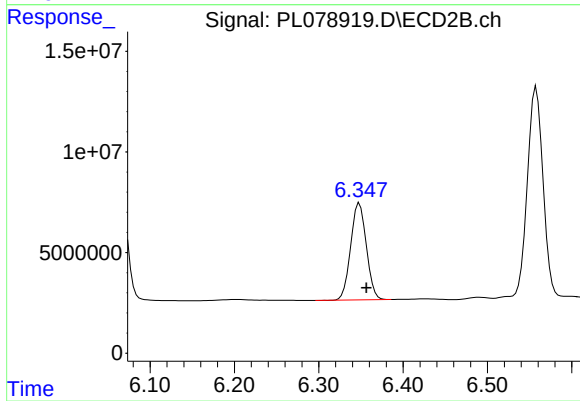
#19 Endosulfan Sulfate

R.T.: 6.062 min  
Delta R.T.: -0.008 min  
Response: 121291822  
Conc: 50.95 ng/ml



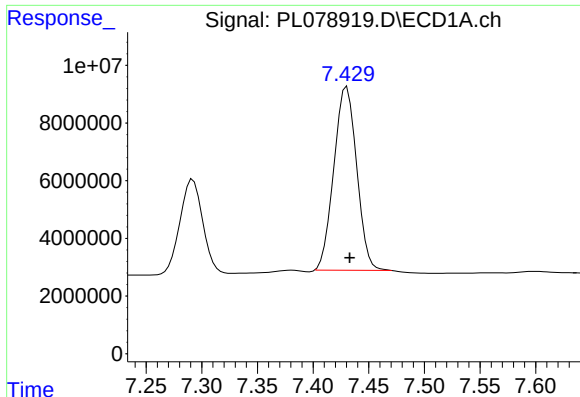
#20 Methoxychlor

R.T.: 7.292 min  
Delta R.T.: -0.002 min  
Response: 46695388  
Conc: 50.71 ng/ml



#20 Methoxychlor

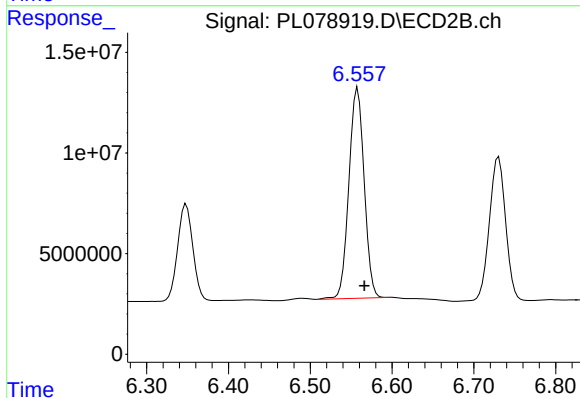
R.T.: 6.348 min  
Delta R.T.: -0.008 min  
Response: 62034613  
Conc: 54.67 ng/ml



#21 Endrin ketone

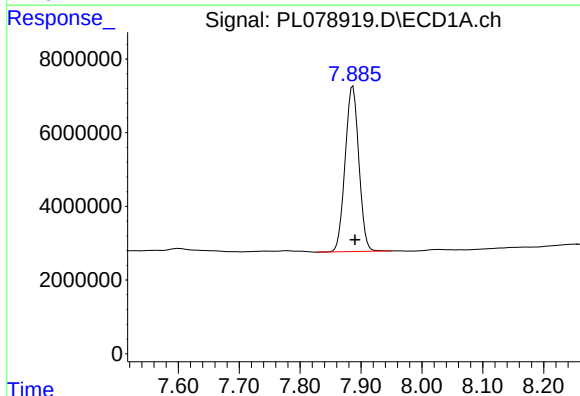
R.T.: 7.430 min  
Delta R.T.: -0.003 min  
Response: 90923812  
Conc: 48.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



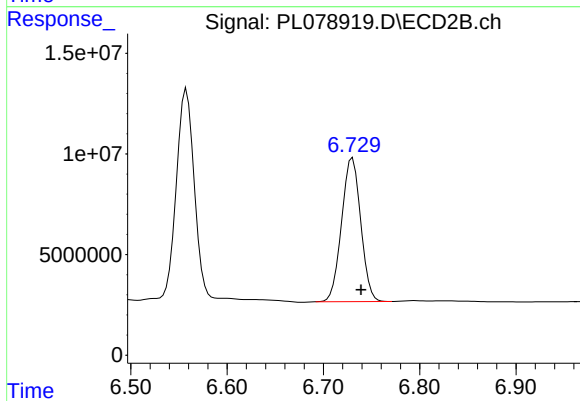
#21 Endrin ketone

R.T.: 6.558 min  
Delta R.T.: -0.008 min  
Response: 134973804  
Conc: 52.22 ng/ml



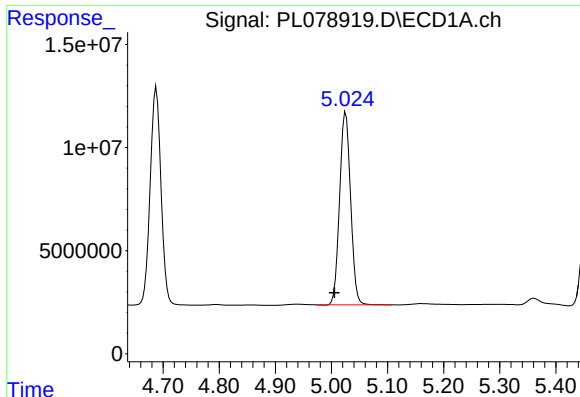
#22 Mirex

R.T.: 7.887 min  
Delta R.T.: -0.004 min  
Response: 70150205  
Conc: 48.05 ng/ml



#22 Mirex

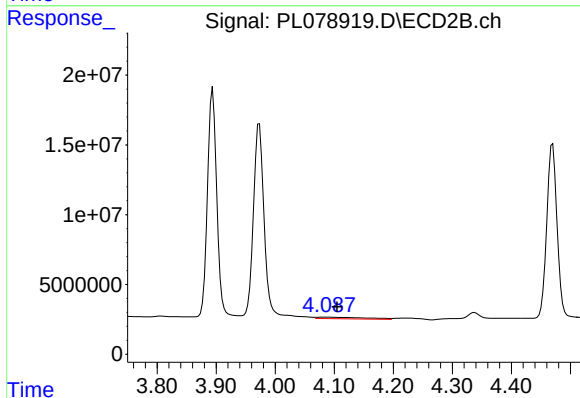
R.T.: 6.730 min  
Delta R.T.: -0.009 min  
Response: 98324613  
Conc: 49.96 ng/ml



#24 Chlordane-2

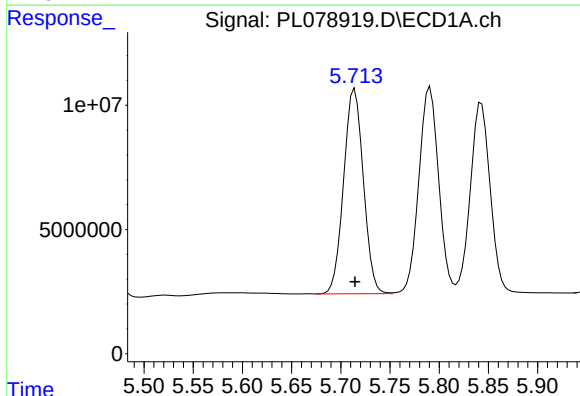
R.T.: 5.026 min  
Delta R.T.: 0.020 min  
Response: 127449083  
Conc: 1540.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



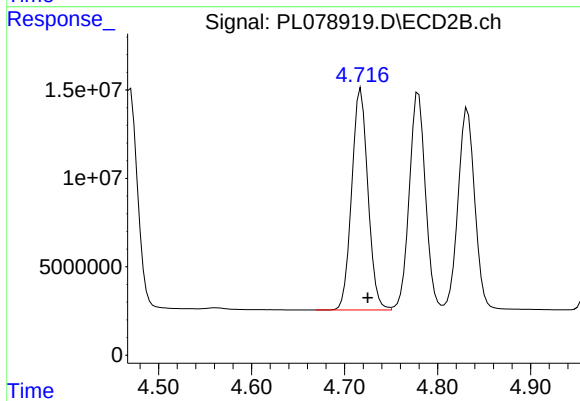
#24 Chlordane-2

R.T.: 4.085 min  
Delta R.T.: -0.019 min  
Response: 6307174  
Conc: 59.26 ng/ml



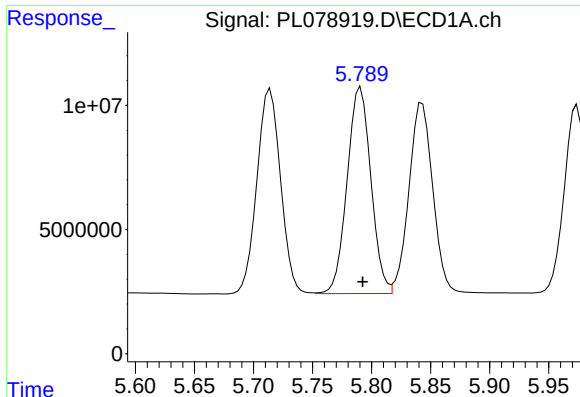
#25 Chlordane-3

R.T.: 5.714 min  
Delta R.T.: 0.000 min  
Response: 115050031  
Conc: 344.42 ng/ml



#25 Chlordane-3

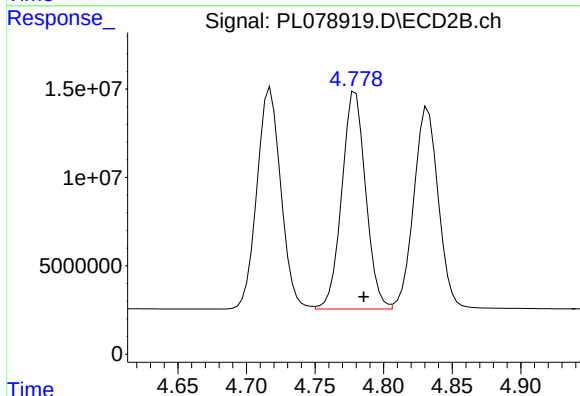
R.T.: 4.718 min  
Delta R.T.: -0.007 min  
Response: 151770090  
Conc: 497.96 ng/ml



#26 Chlordane-4

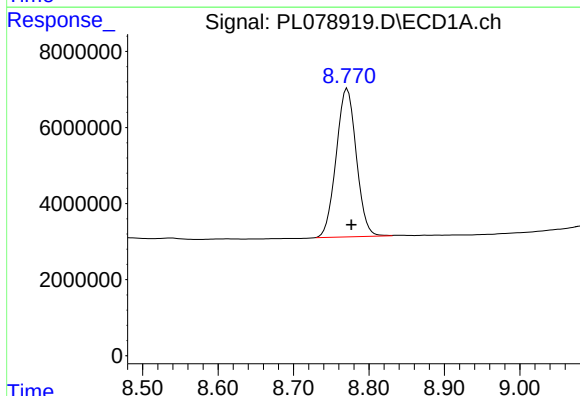
R.T.: 5.791 min  
Delta R.T.: -0.002 min  
Response: 116422951  
Conc: 283.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



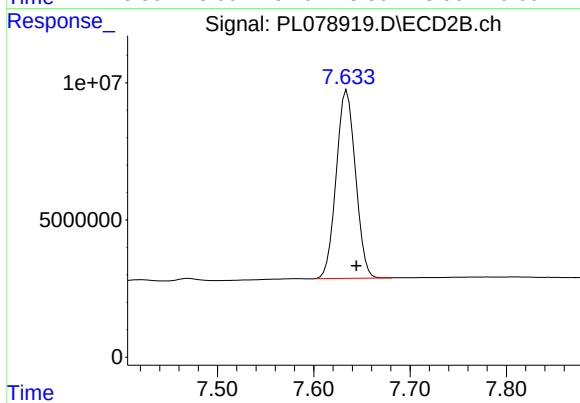
#26 Chlordane-4

R.T.: 4.779 min  
Delta R.T.: -0.006 min  
Response: 148964238  
Conc: 455.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.771 min  
Delta R.T.: -0.005 min  
Response: 72369715  
Conc: 48.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.635 min  
Delta R.T.: -0.010 min  
Response: 95180089  
Conc: 50.25 ng/ml