

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092222\  
 Data File : PL077876.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Sep 2022 09:17  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 22 18:17:03 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL091222.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Sep 13 13:26:11 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

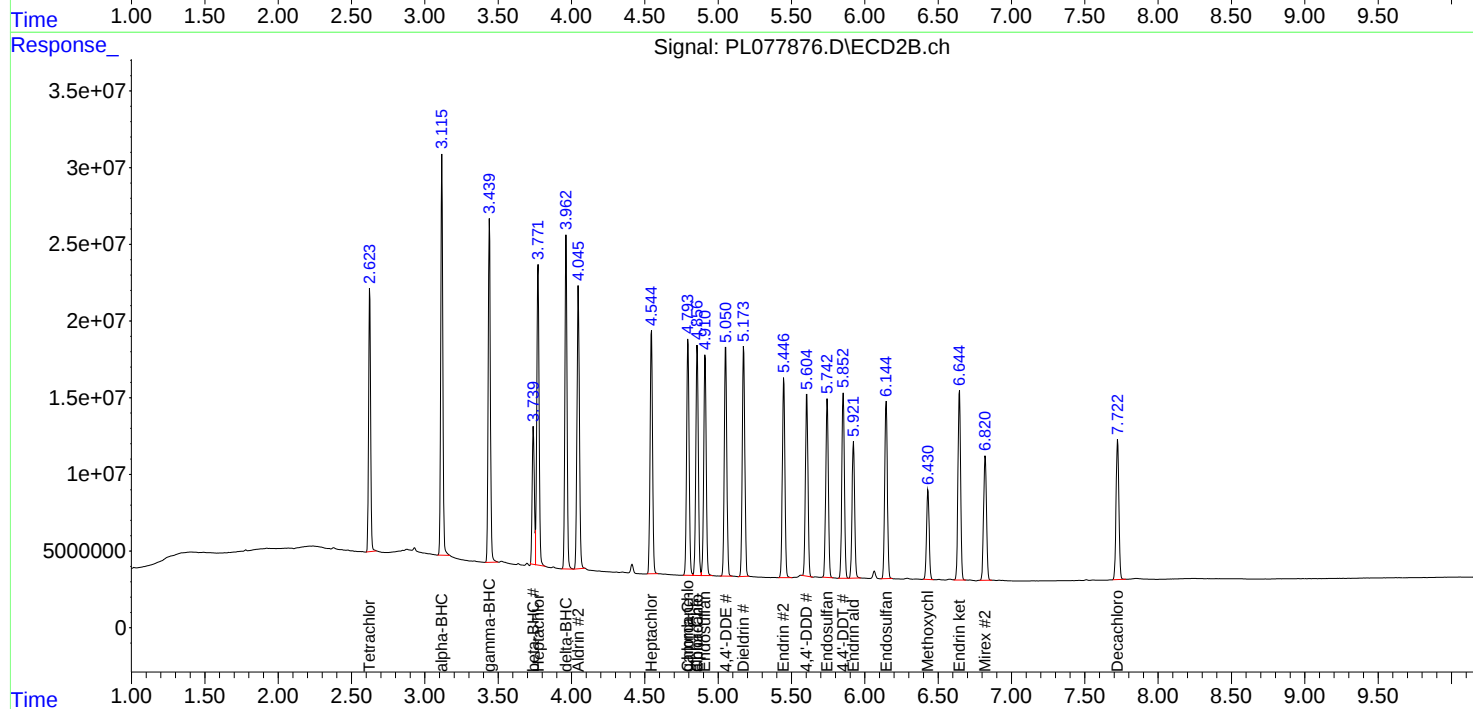
Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

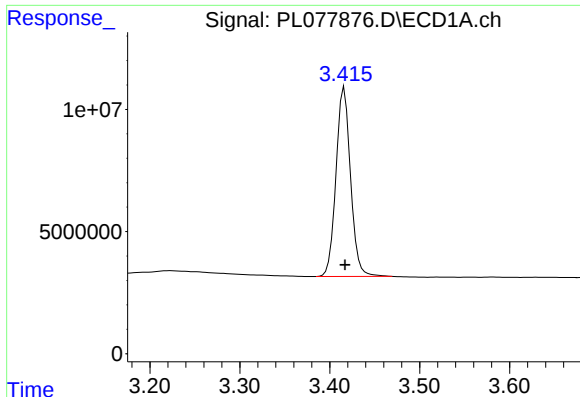
|                             | Compound        | RT#1   | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml     |
|-----------------------------|-----------------|--------|-------|----------|----------|----------|-----------|
| -----                       |                 |        |       |          |          |          |           |
| System Monitoring Compounds |                 |        |       |          |          |          |           |
| 1)                          | SA Tetrachlo... | 3.416  | 2.624 | 87048184 | 164.7E6  | 54.304   | 55.465    |
| 28)                         | SA Decachlor... | 8.909  | 7.724 | 65588618 | 122.0E6  | 50.748   | 48.607    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.882  | 3.117 | 132.4E6  | 257.3E6  | 55.778   | 56.739    |
| 3)                          | MA gamma-BHC... | 4.217  | 3.441 | 121.9E6  | 230.3E6  | 55.117   | 57.023    |
| 4)                          | MA Heptachlor   | 4.793  | 3.772 | 121.8E6  | 219.2E6  | 55.028   | 55.335    |
| 5)                          | MB Aldrin       | 5.134  | 4.047 | 109.4E6  | 210.4E6  | 55.053   | 55.452    |
| 6)                          | B beta-BHC      | 4.430  | 3.740 | 52600965 | 89417013 | 54.123   | 53.710    |
| 7)                          | B delta-BHC     | 4.674  | 3.963 | 111.6E6  | 224.4E6  | 54.375   | 55.307    |
| 8)                          | B Heptachlo...  | 5.567  | 4.545 | 97409248 | 185.1E6  | 55.876   | 54.739    |
| 9)                          | A Endosulfan I  | 5.954  | 4.911 | 87528917 | 172.1E6  | 54.308   | 54.558    |
| 10)                         | B gamma-Chl...  | 5.823  | 4.794 | 95295713 | 186.2E6  | 54.427   | 54.622    |
| 11)                         | B alpha-Chl...  | 5.900  | 4.857 | 93949102 | 180.8E6  | 54.390   | 54.602    |
| 12)                         | B 4,4'-DDE      | 6.080  | 5.052 | 87280055 | 178.8E6  | 54.829   | 54.941    |
| 13)                         | MA Dieldrin     | 6.231  | 5.174 | 86799080 | 181.8E6  | 53.778   | 54.841    |
| 14)                         | MA Endrin       | 6.463  | 5.448 | 73372942 | 159.2E6  | 53.054   | 55.831    |
| 15)                         | B Endosulfa...  | 6.691  | 5.744 | 70668122 | 143.6E6  | 51.158   | 54.496    |
| 16)                         | A 4,4'-DDD      | 6.605  | 5.605 | 64302193 | 143.0E6  | 54.919   | 55.213    |
| 17)                         | MA 4,4'-DDT     | 6.915  | 5.853 | 68549155 | 146.0E6  | 54.098   | 55.415    |
| 18)                         | B Endrin al...  | 6.822  | 5.923 | 55685618 | 110.2E6  | 52.659   | 53.406    |
| 19)                         | B Endosulfa...  | 7.055  | 6.146 | 67484221 | 143.2E6  | 52.697   | 53.238    |
| 20)                         | A Methoxychlor  | 7.397  | 6.431 | 34941877 | 72907331 | 52.906   | 53.239    |
| 21)                         | B Endrin ke...  | 7.544  | 6.645 | 71644233 | 155.5E6  | 51.849   | 51.336    |
| 22)                         | Mirex           | 8.005  | 6.821 | 54120370 | 112.0E6  | 51.544   | 52.075    |
| 24)                         | Chlordane-2     | 5.134f | 0.000 | 109.4E6  | 0        | 1641.029 | N.D. #    |
| 25)                         | Chlordane-3     | 5.823  | 4.794 | 95295713 | 186.2E6  | 386.968  | 541.209 # |
| 26)                         | Chlordane-4     | 5.900  | 4.857 | 93949102 | 180.8E6  | 315.721  | 498.388 # |
| -----                       |                 |        |       |          |          |          |           |

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

**Instrument :**  
ECD\_L  
**ClientSampleId :**  
PSTDCCC050

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

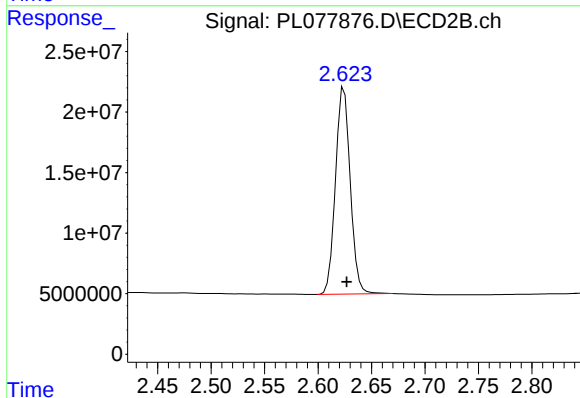




#1 Tetrachloro-m-xylene

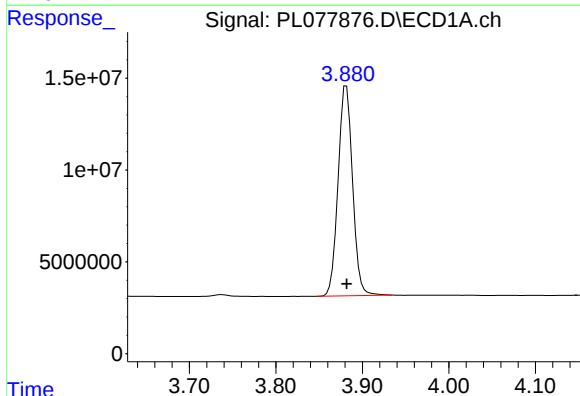
R.T.: 3.416 min  
Delta R.T.: 0.000 min  
Response: 87048184  
Conc: 54.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



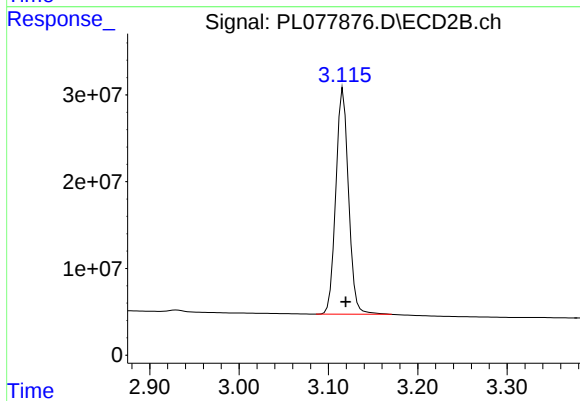
#1 Tetrachloro-m-xylene

R.T.: 2.624 min  
Delta R.T.: -0.002 min  
Response: 164662079  
Conc: 55.47 ng/ml



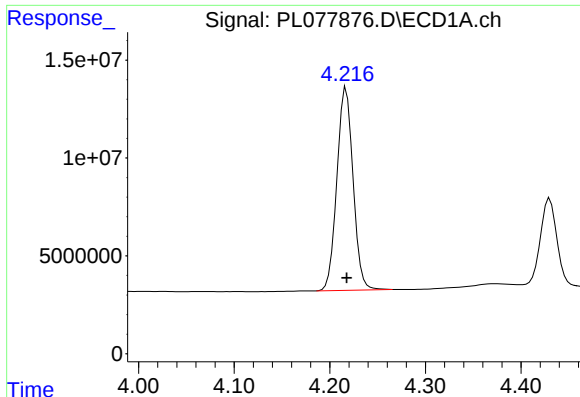
#2 alpha-BHC

R.T.: 3.882 min  
Delta R.T.: 0.000 min  
Response: 132366792  
Conc: 55.78 ng/ml



#2 alpha-BHC

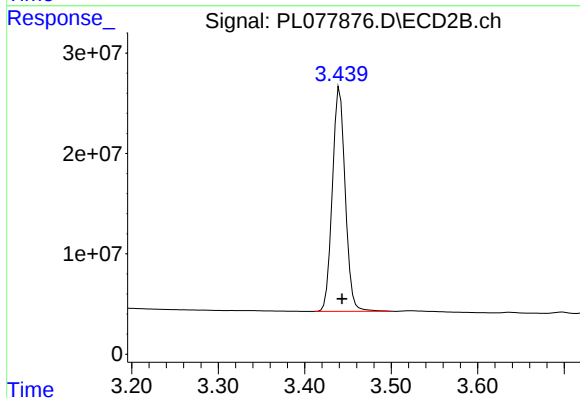
R.T.: 3.117 min  
Delta R.T.: -0.003 min  
Response: 257319354  
Conc: 56.74 ng/ml



#3 gamma-BHC (Lindane)

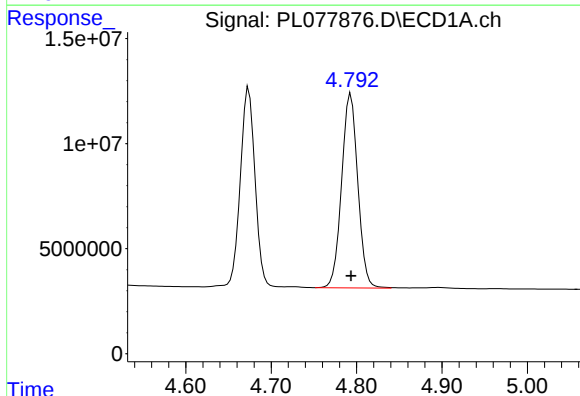
R.T.: 4.217 min  
Delta R.T.: 0.000 min  
Response: 121942620  
Conc: 55.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



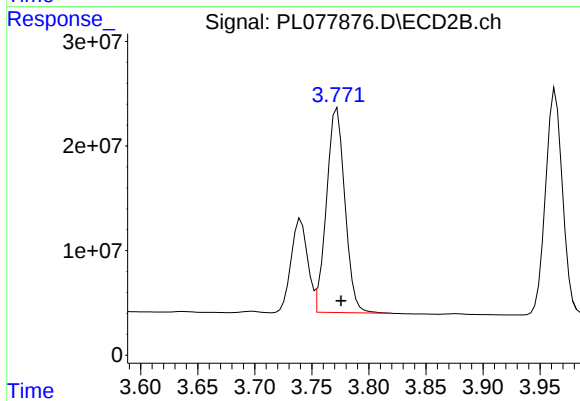
#3 gamma-BHC (Lindane)

R.T.: 3.441 min  
Delta R.T.: -0.003 min  
Response: 230270352  
Conc: 57.02 ng/ml



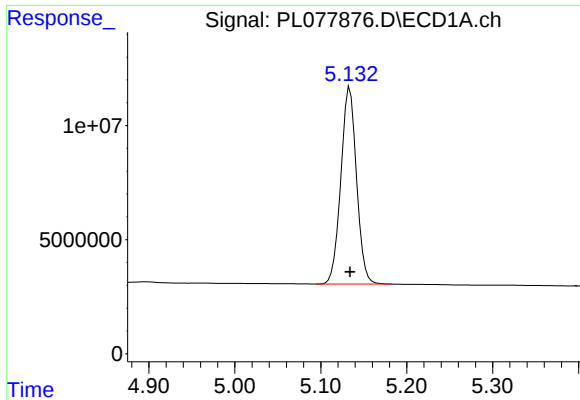
#4 Heptachlor

R.T.: 4.793 min  
Delta R.T.: 0.000 min  
Response: 121833658  
Conc: 55.03 ng/ml



#4 Heptachlor

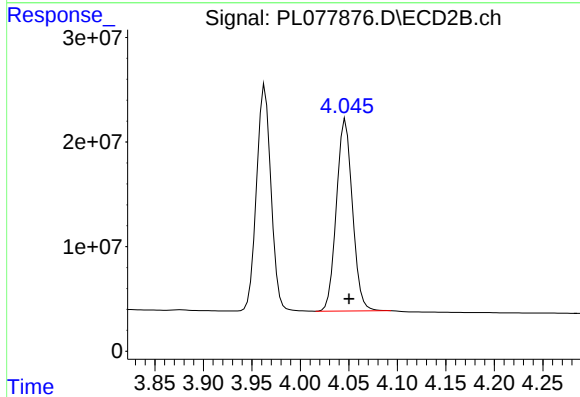
R.T.: 3.772 min  
Delta R.T.: -0.003 min  
Response: 219161304  
Conc: 55.34 ng/ml



#5 Aldrin

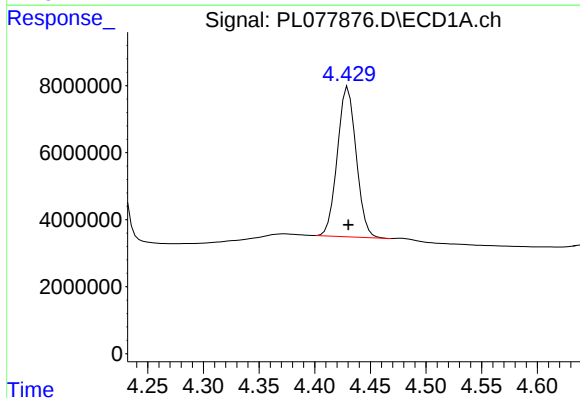
R.T.: 5.134 min  
Delta R.T.: 0.000 min  
Response: 109414594  
Conc: 55.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



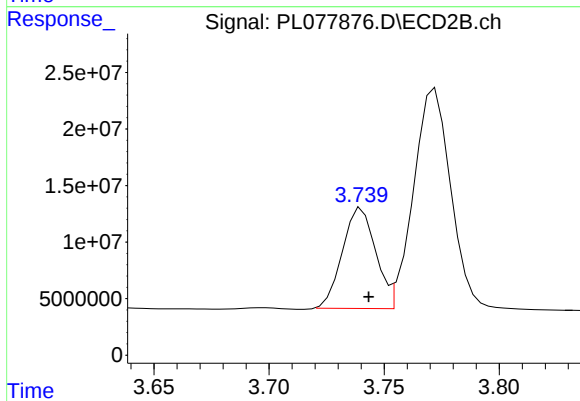
#5 Aldrin

R.T.: 4.047 min  
Delta R.T.: -0.004 min  
Response: 210435492  
Conc: 55.45 ng/ml



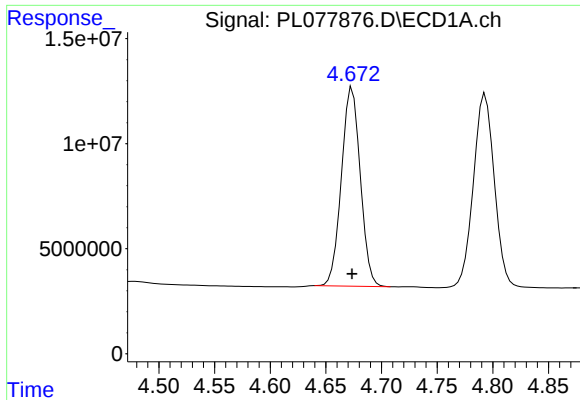
#6 beta-BHC

R.T.: 4.430 min  
Delta R.T.: 0.000 min  
Response: 52600965  
Conc: 54.12 ng/ml



#6 beta-BHC

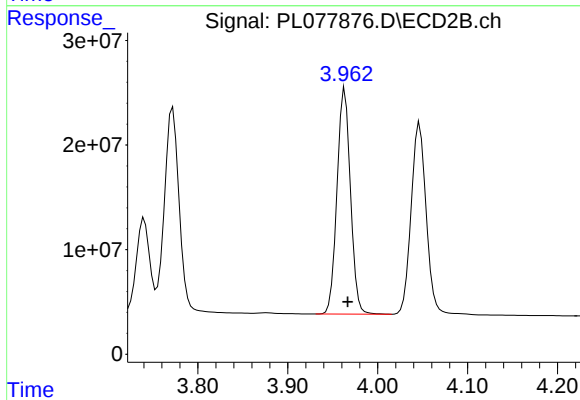
R.T.: 3.740 min  
Delta R.T.: -0.003 min  
Response: 89417013  
Conc: 53.71 ng/ml



#7 delta-BHC

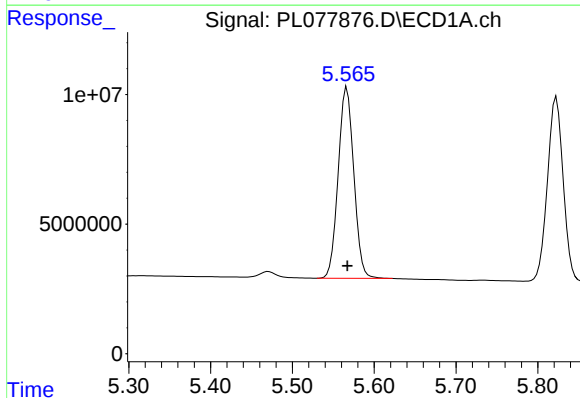
R.T.: 4.674 min  
Delta R.T.: 0.000 min  
Response: 111643400  
Conc: 54.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



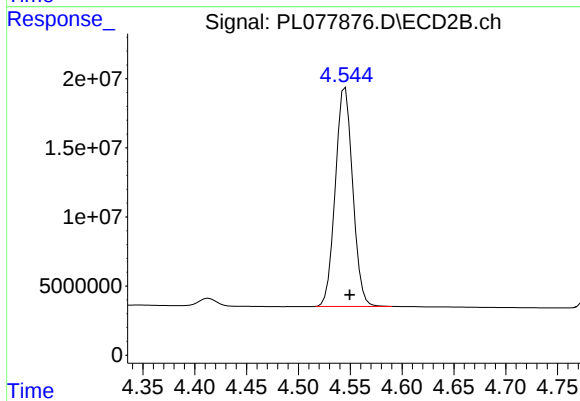
#7 delta-BHC

R.T.: 3.963 min  
Delta R.T.: -0.003 min  
Response: 224421469  
Conc: 55.31 ng/ml



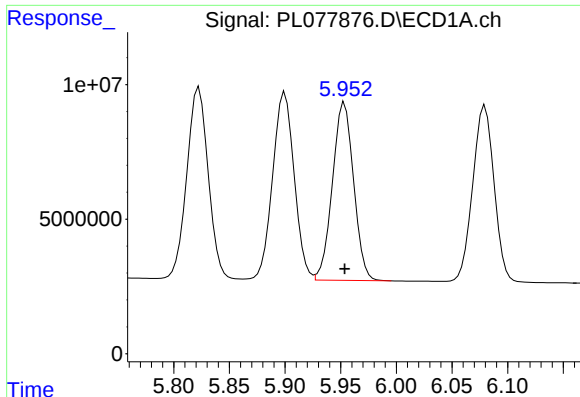
#8 Heptachlor epoxide

R.T.: 5.567 min  
Delta R.T.: 0.000 min  
Response: 97409248  
Conc: 55.88 ng/ml



#8 Heptachlor epoxide

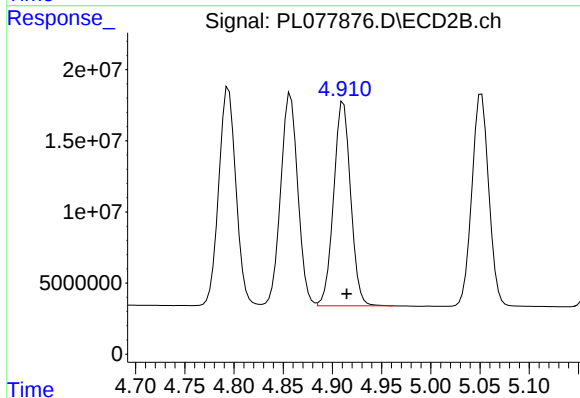
R.T.: 4.545 min  
Delta R.T.: -0.004 min  
Response: 185095654  
Conc: 54.74 ng/ml



#9 Endosulfan I

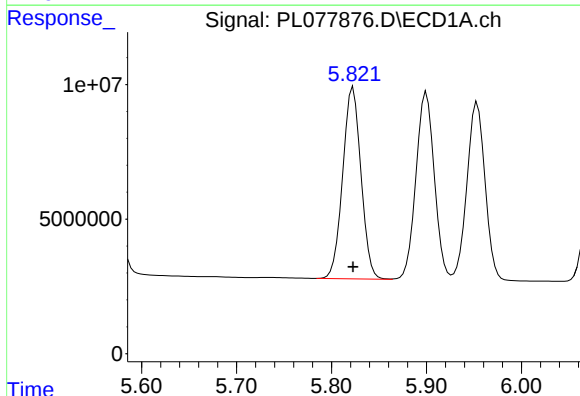
R.T.: 5.954 min  
Delta R.T.: 0.000 min  
Response: 87528917  
Conc: 54.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



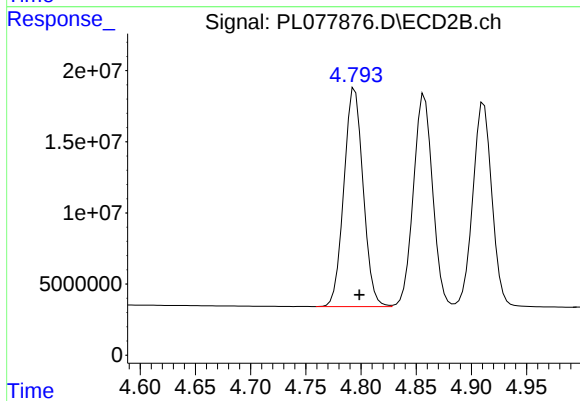
#9 Endosulfan I

R.T.: 4.911 min  
Delta R.T.: -0.003 min  
Response: 172142989  
Conc: 54.56 ng/ml



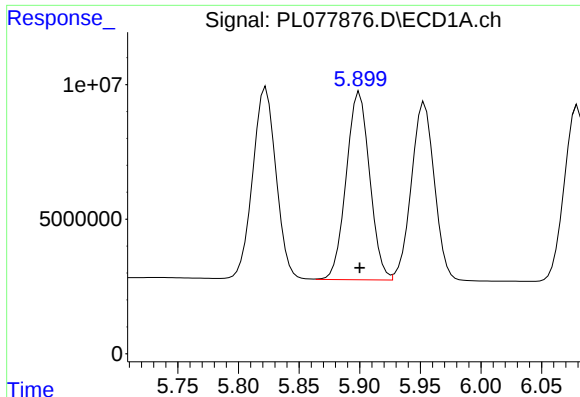
#10 gamma-Chlordane

R.T.: 5.823 min  
Delta R.T.: 0.000 min  
Response: 95295713  
Conc: 54.43 ng/ml



#10 gamma-Chlordane

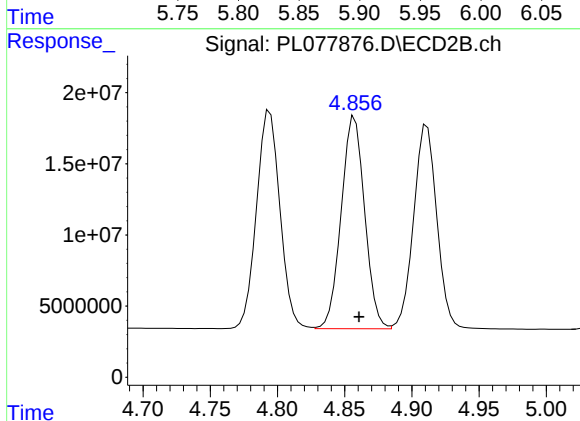
R.T.: 4.794 min  
Delta R.T.: -0.004 min  
Response: 186169147  
Conc: 54.62 ng/ml



#11 alpha-Chlordane

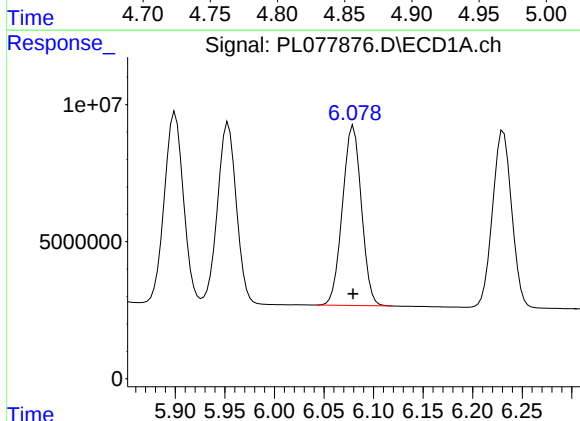
R.T.: 5.900 min  
Delta R.T.: 0.000 min  
Response: 93949102  
Conc: 54.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



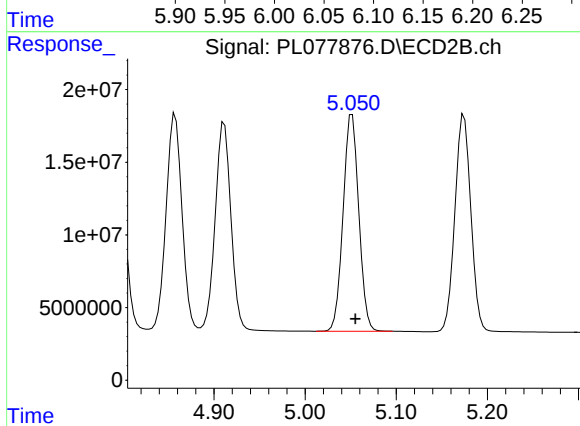
#11 alpha-Chlordane

R.T.: 4.857 min  
Delta R.T.: -0.003 min  
Response: 180824061  
Conc: 54.60 ng/ml



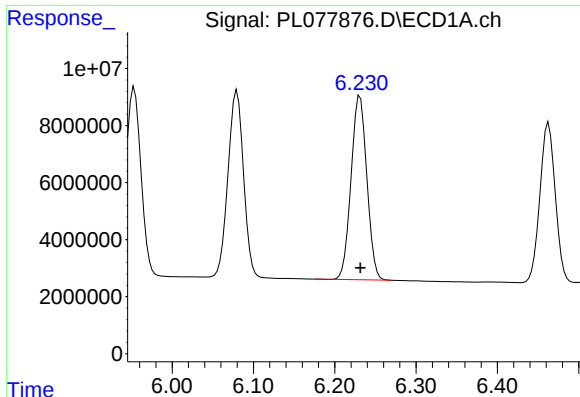
#12 4,4'-DDE

R.T.: 6.080 min  
Delta R.T.: 0.000 min  
Response: 87280055  
Conc: 54.83 ng/ml



#12 4,4'-DDE

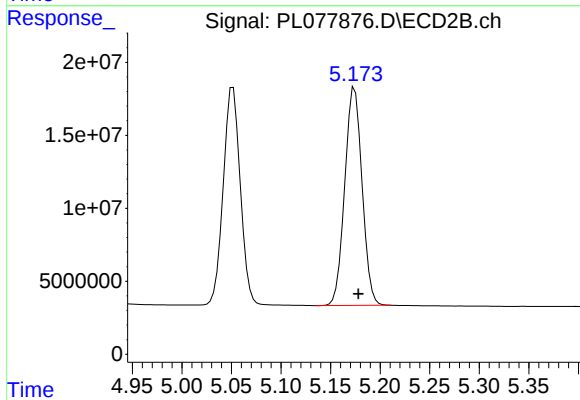
R.T.: 5.052 min  
Delta R.T.: -0.003 min  
Response: 178766349  
Conc: 54.94 ng/ml



#13 Dieldrin

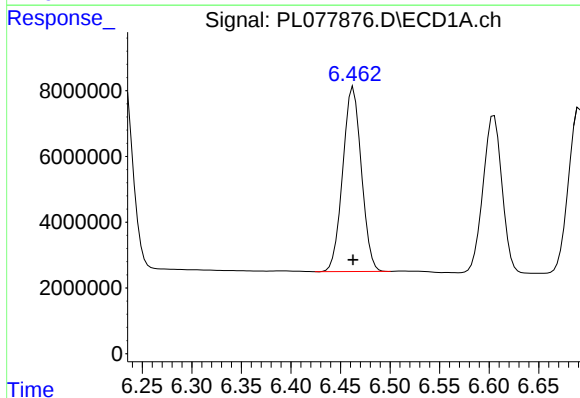
R.T.: 6.231 min  
Delta R.T.: 0.000 min  
Response: 86799080  
Conc: 53.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



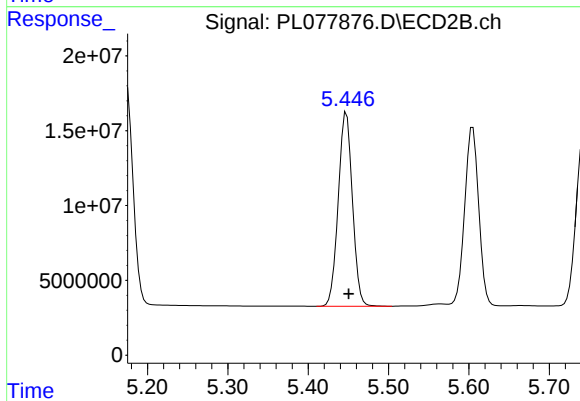
#13 Dieldrin

R.T.: 5.174 min  
Delta R.T.: -0.004 min  
Response: 181837362  
Conc: 54.84 ng/ml



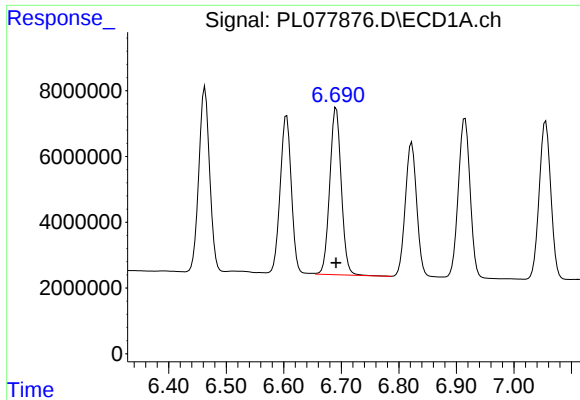
#14 Endrin

R.T.: 6.463 min  
Delta R.T.: 0.000 min  
Response: 73372942  
Conc: 53.05 ng/ml



#14 Endrin

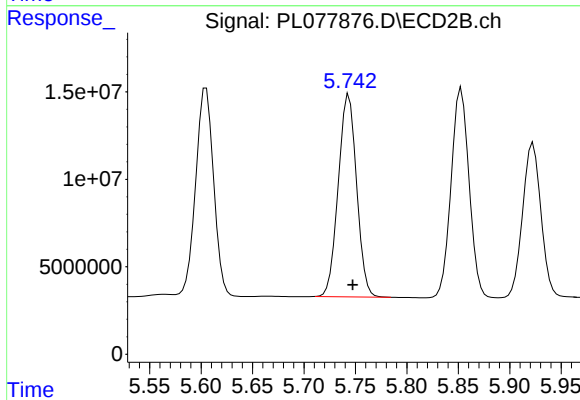
R.T.: 5.448 min  
Delta R.T.: -0.003 min  
Response: 159202214  
Conc: 55.83 ng/ml



#15 Endosulfan II

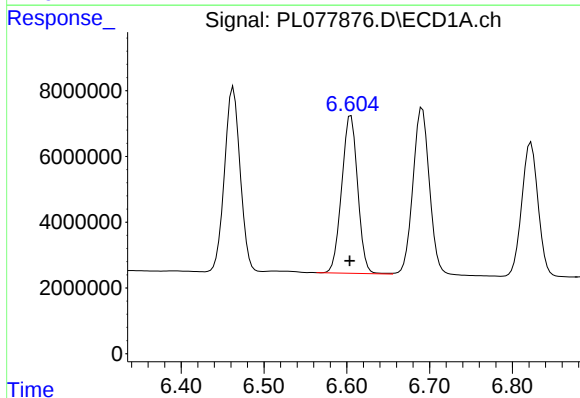
R.T.: 6.691 min  
Delta R.T.: 0.000 min  
Response: 70668122  
Conc: 51.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



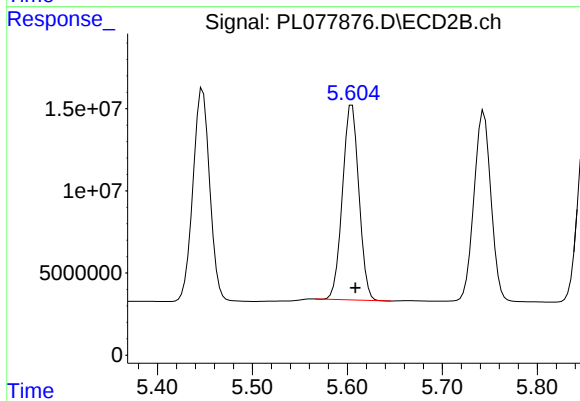
#15 Endosulfan II

R.T.: 5.744 min  
Delta R.T.: -0.003 min  
Response: 143607300  
Conc: 54.50 ng/ml



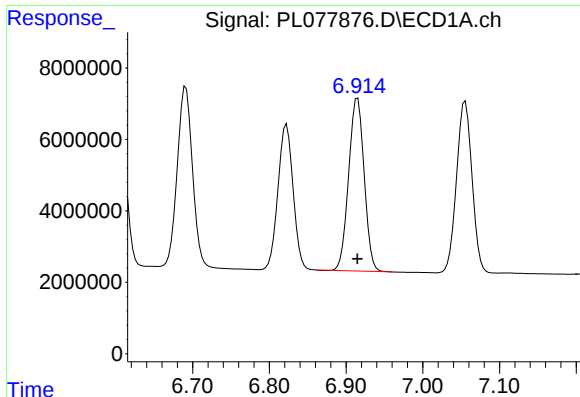
#16 4,4'-DDD

R.T.: 6.605 min  
Delta R.T.: 0.001 min  
Response: 64302193  
Conc: 54.92 ng/ml



#16 4,4'-DDD

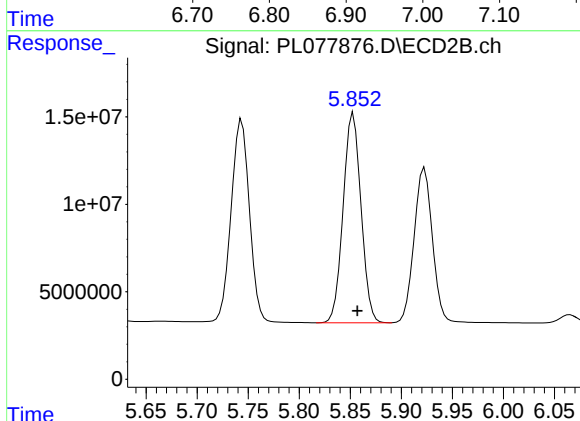
R.T.: 5.605 min  
Delta R.T.: -0.003 min  
Response: 143035219  
Conc: 55.21 ng/ml



#17 4,4'-DDT

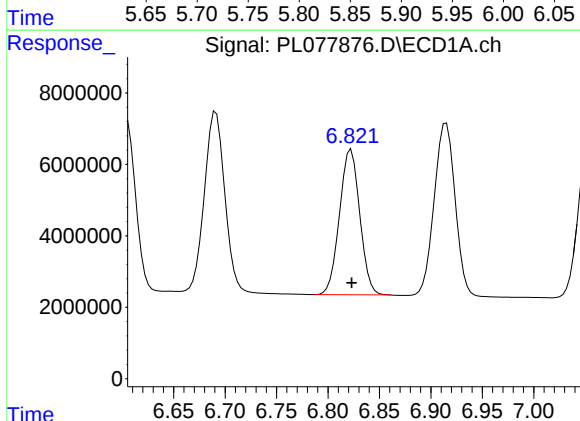
R.T.: 6.915 min  
Delta R.T.: 0.000 min  
Response: 68549155  
Conc: 54.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



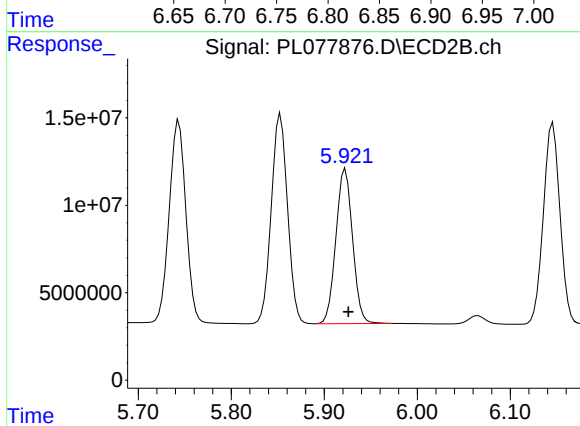
#17 4,4'-DDT

R.T.: 5.853 min  
Delta R.T.: -0.004 min  
Response: 146006861  
Conc: 55.41 ng/ml



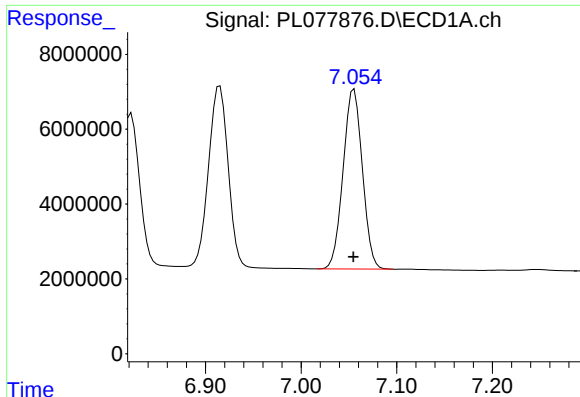
#18 Endrin aldehyde

R.T.: 6.822 min  
Delta R.T.: 0.000 min  
Response: 55685618  
Conc: 52.66 ng/ml



#18 Endrin aldehyde

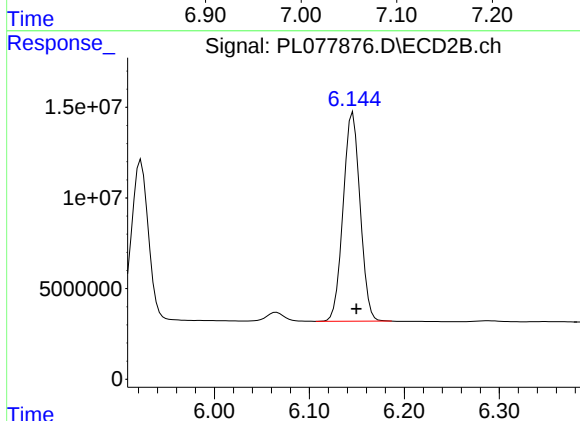
R.T.: 5.923 min  
Delta R.T.: -0.003 min  
Response: 110206495  
Conc: 53.41 ng/ml



#19 Endosulfan Sulfate

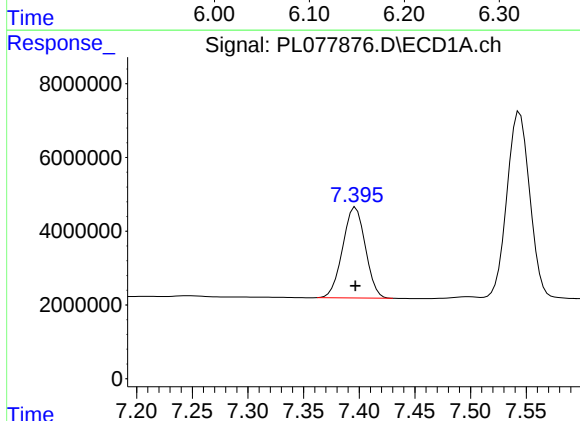
R.T.: 7.055 min  
Delta R.T.: 0.000 min  
Response: 67484221  
Conc: 52.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



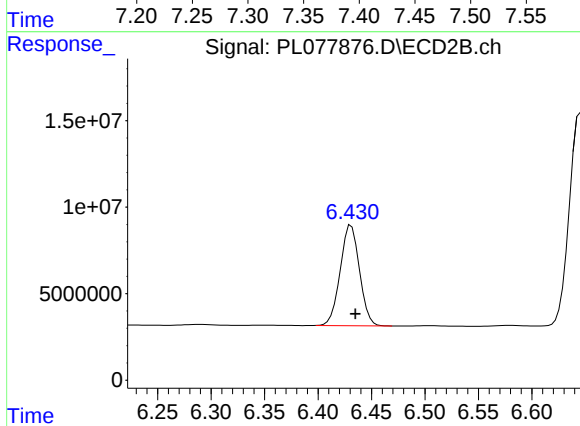
#19 Endosulfan Sulfate

R.T.: 6.146 min  
Delta R.T.: -0.004 min  
Response: 143165512  
Conc: 53.24 ng/ml



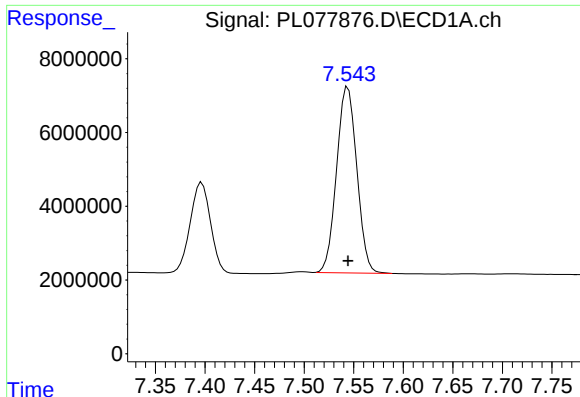
#20 Methoxychlor

R.T.: 7.397 min  
Delta R.T.: 0.000 min  
Response: 34941877  
Conc: 52.91 ng/ml



#20 Methoxychlor

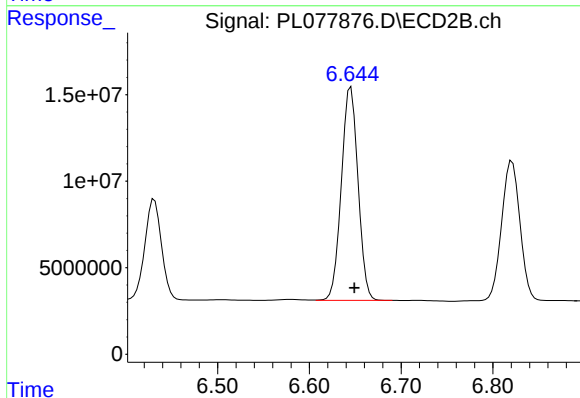
R.T.: 6.431 min  
Delta R.T.: -0.004 min  
Response: 72907331  
Conc: 53.24 ng/ml



#21 Endrin ketone

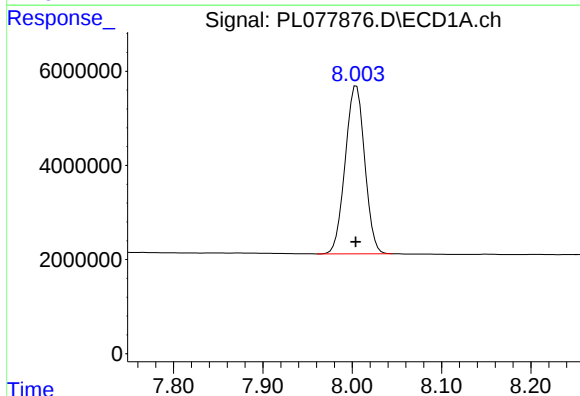
R.T.: 7.544 min  
Delta R.T.: 0.000 min  
Response: 71644233  
Conc: 51.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



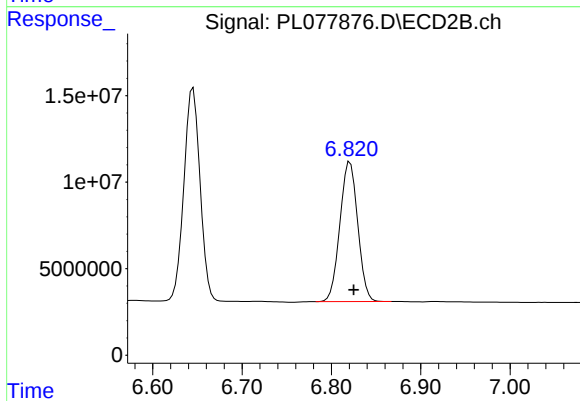
#21 Endrin ketone

R.T.: 6.645 min  
Delta R.T.: -0.004 min  
Response: 155463869  
Conc: 51.34 ng/ml



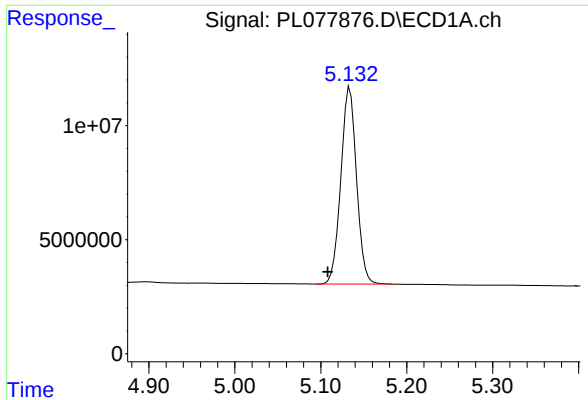
#22 Mirex

R.T.: 8.005 min  
Delta R.T.: 0.000 min  
Response: 54120370  
Conc: 51.54 ng/ml



#22 Mirex

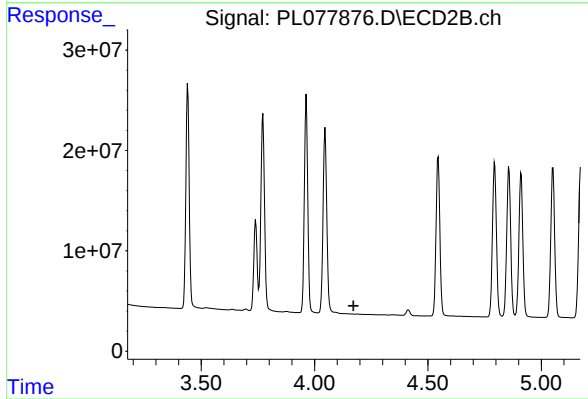
R.T.: 6.821 min  
Delta R.T.: -0.004 min  
Response: 111954929  
Conc: 52.08 ng/ml



#24 Chlordane-2

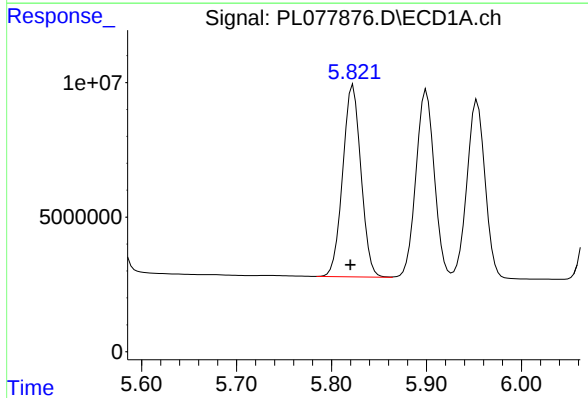
R.T.: 5.134 min  
Delta R.T.: 0.026 min  
Response: 109414594  
Conc: 1641.03 ng/m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



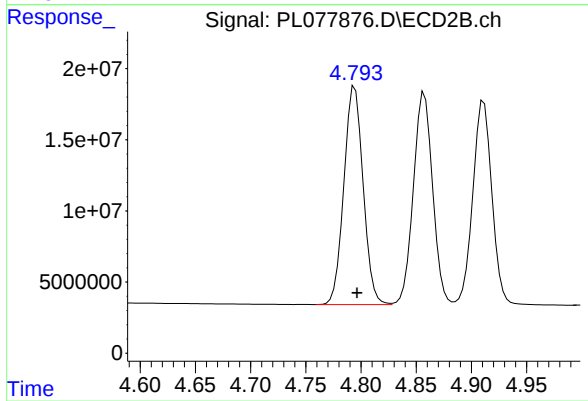
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.172 min  
Response: 0  
Conc: N.D.



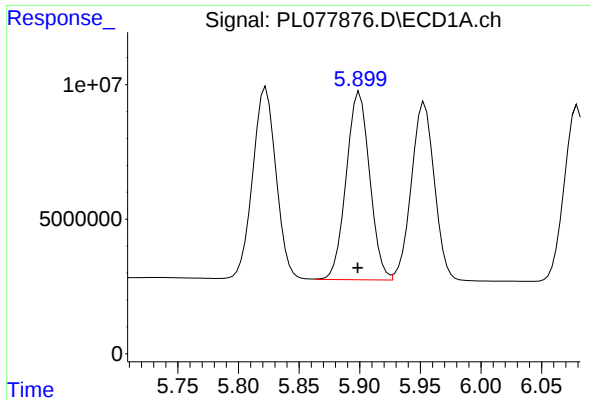
#25 Chlordane-3

R.T.: 5.823 min  
Delta R.T.: 0.003 min  
Response: 95295713  
Conc: 386.97 ng/ml



#25 Chlordane-3

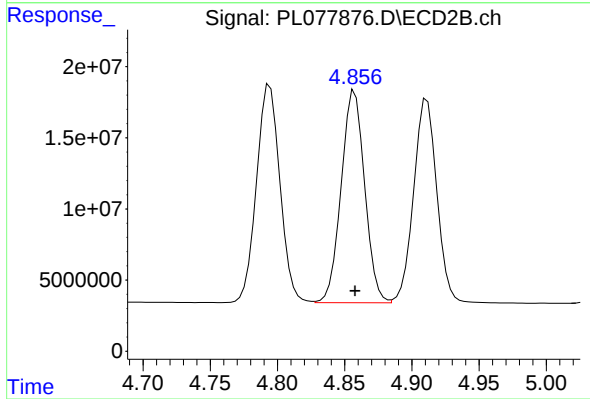
R.T.: 4.794 min  
Delta R.T.: -0.002 min  
Response: 186169147  
Conc: 541.21 ng/ml



#26 Chlordane-4

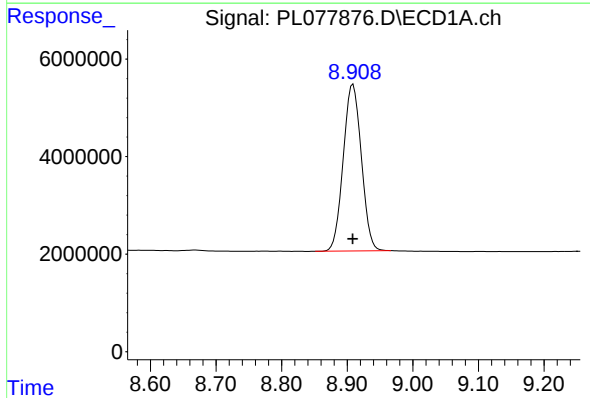
R.T.: 5.900 min  
Delta R.T.: 0.002 min  
Response: 93949102  
Conc: 315.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



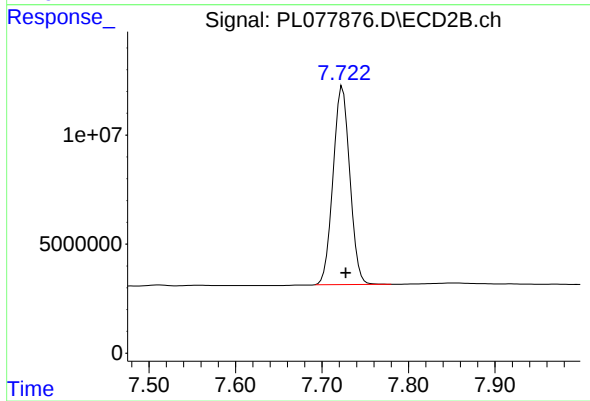
#26 Chlordane-4

R.T.: 4.857 min  
Delta R.T.: 0.000 min  
Response: 180824061  
Conc: 498.39 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.909 min  
Delta R.T.: 0.000 min  
Response: 65588618  
Conc: 50.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.724 min  
Delta R.T.: -0.004 min  
Response: 122015181  
Conc: 48.61 ng/ml