

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090922\  
 Data File : PL077632.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 Sep 2022 23:12  
 Operator : AR\AJ  
 Sample : PB147528BS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB147528BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 11 03:13:55 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090722.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 07 14:34:08 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... | 3.422  | 2.625 | 28956550 | 48306177 | 16.936   | 18.255    |
| 28)                         | SA Decachlor... | 8.911  | 7.728 | 27283727 | 41104681 | 18.190   | 20.843    |
| Target Compounds            |                 |        |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 3.887  | 3.118 | 126.8E6  | 206.4E6  | 49.410   | 51.547    |
| 3)                          | MA gamma-BHC... | 4.222  | 3.442 | 117.5E6  | 184.0E6  | 49.115   | 58.868    |
| 4)                          | MA Heptachlor   | 4.798  | 3.775 | 113.4E6  | 185.1E6  | 48.458   | 55.773    |
| 5)                          | MB Aldrin       | 5.139  | 4.049 | 103.7E6  | 175.7E6  | 46.739   | 55.512    |
| 6)                          | B beta-BHC      | 4.435  | 3.742 | 49212682 | 75312528 | 47.966   | 52.623    |
| 7)                          | B delta-BHC     | 4.679  | 3.965 | 110.2E6  | 191.4E6  | 58.533   | 53.858    |
| 8)                          | B Heptachlo...  | 5.571  | 4.548 | 97195103 | 162.4E6  | 60.753   | 59.393    |
| 9)                          | A Endosulfan I  | 5.958  | 4.914 | 92473430 | 140.2E6  | 52.662   | 54.323    |
| 10)                         | B gamma-Chl...  | 5.827  | 4.797 | 101.4E6  | 147.6E6  | 54.059   | 52.691    |
| 11)                         | B alpha-Chl...  | 5.904  | 4.860 | 99708492 | 141.1E6  | 52.864   | 52.406    |
| 12)                         | B 4,4'-DDE      | 6.084  | 5.055 | 94190980 | 149.0E6  | 53.774   | 54.899    |
| 13)                         | MA Dieldrin     | 6.235  | 5.177 | 84491007 | 151.0E6  | 46.200   | 55.112    |
| 14)                         | MA Endrin       | 6.467  | 5.450 | 74634166 | 138.6E6  | 49.294   | 67.239 #  |
| 15)                         | B Endosulfa...  | 6.695  | 5.746 | 75433344 | 129.6E6  | 46.532   | 55.092    |
| 16)                         | A 4,4'-DDD      | 6.608  | 5.608 | 71194127 | 128.1E6  | 53.898   | 62.206    |
| 17)                         | MA 4,4'-DDT     | 6.918  | 5.856 | 78068652 | 131.2E6  | 49.243   | 61.468    |
| 18)                         | B Endrin al...  | 6.826  | 5.925 | 60973967 | 99560313 | 52.268   | 57.246    |
| 19)                         | B Endosulfa...  | 7.058  | 6.149 | 73393744 | 129.7E6  | 49.430   | 58.763    |
| 20)                         | A Methoxychlor  | 7.400  | 6.434 | 38061455 | 65442488 | 47.984   | 55.692    |
| 21)                         | B Endrin ke...  | 7.546  | 6.648 | 78990528 | 140.0E6  | 51.168   | 57.734    |
| 22)                         | Mirex           | 8.007  | 6.823 | 59487809 | 98176732 | 48.925   | 56.078    |
| 24)                         | Chlordane-2     | 5.139f | 0.000 | 103.7E6  | 0        | 1368.201 | N.D. #    |
| 25)                         | Chlordane-3     | 5.827  | 4.797 | 101.4E6  | 147.6E6  | 374.155  | 516.629 # |
| 26)                         | Chlordane-4     | 5.904  | 4.860 | 99708492 | 141.1E6  | 298.092  | 476.051 # |
| -----                       |                 |        |       |          |          |          |           |

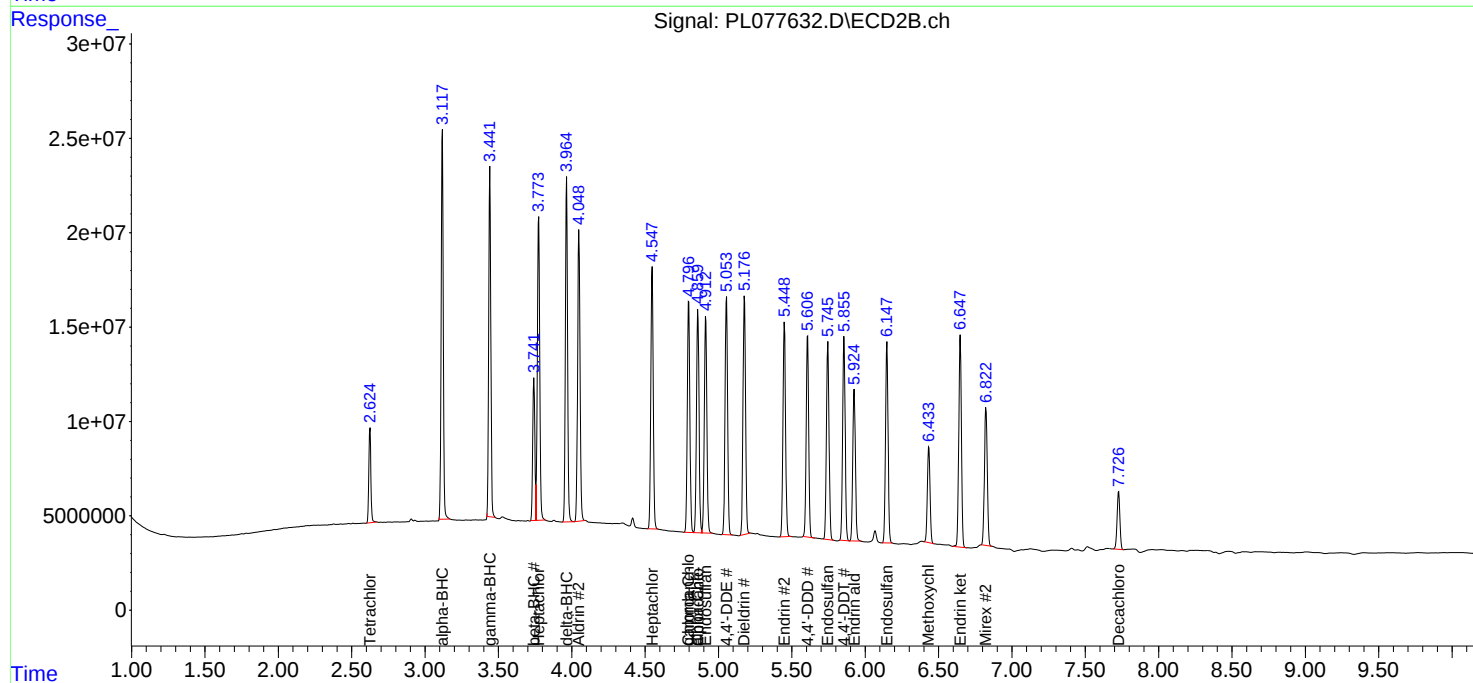
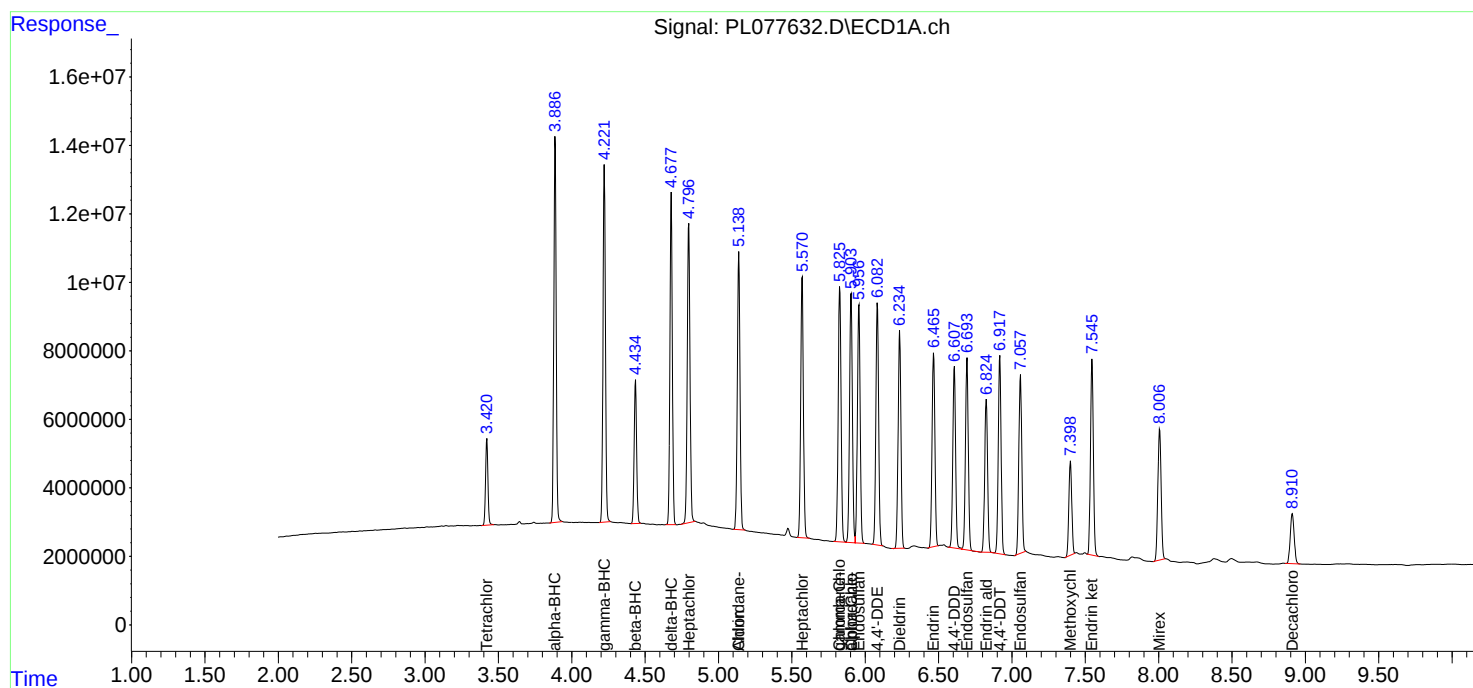
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

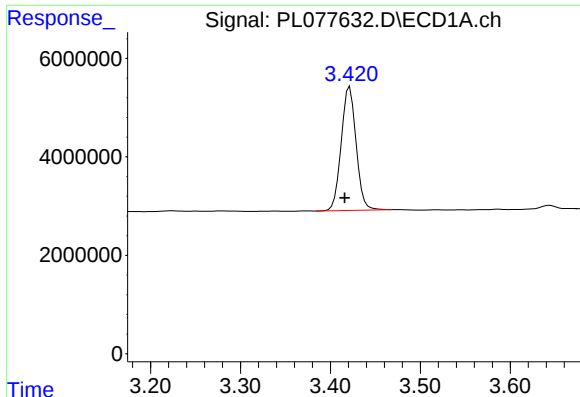
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090922\  
Data File : PL077632.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 09 Sep 2022 23:12  
Operator : AR\AJ  
Sample : PB147528BS  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PB147528BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 11 03:13:55 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090722.M  
Quant Title : GC Extractables  
QLast Update : Wed Sep 07 14:34:08 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

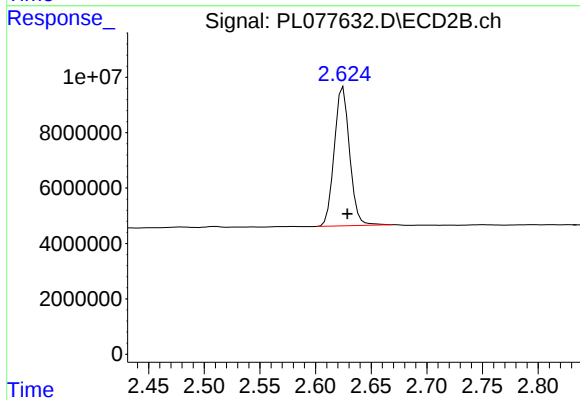




#1 Tetrachloro-m-xylene

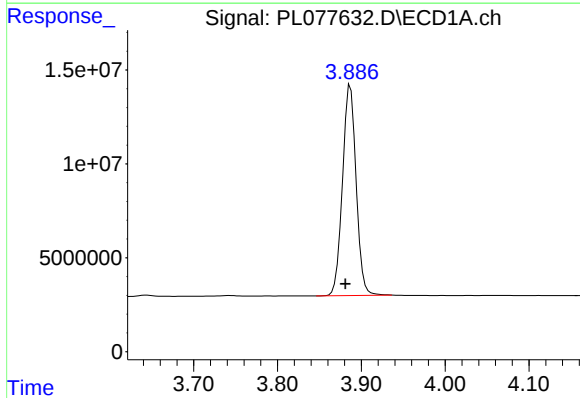
R.T.: 3.422 min  
Delta R.T.: 0.006 min  
Response: 28956550  
Conc: 16.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147528BS



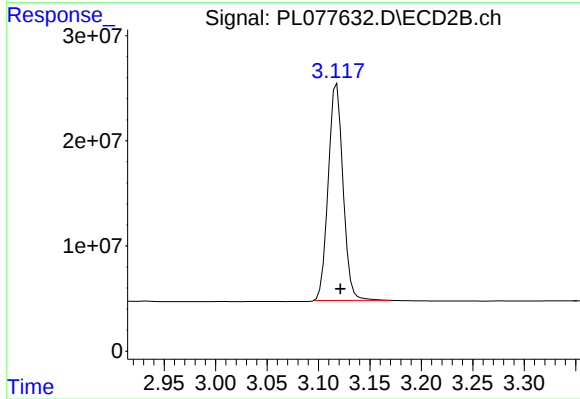
#1 Tetrachloro-m-xylene

R.T.: 2.625 min  
Delta R.T.: -0.004 min  
Response: 48306177  
Conc: 18.26 ng/ml



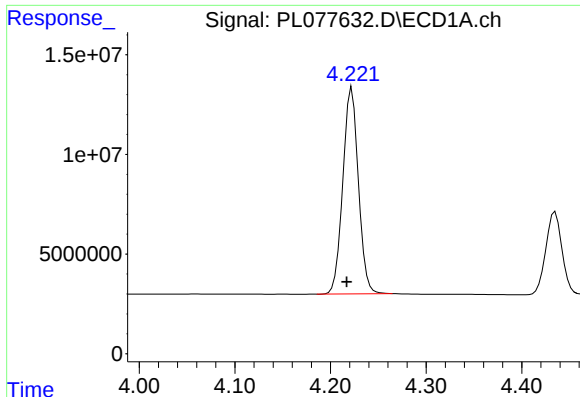
#2 alpha-BHC

R.T.: 3.887 min  
Delta R.T.: 0.006 min  
Response: 126808331  
Conc: 49.41 ng/ml



#2 alpha-BHC

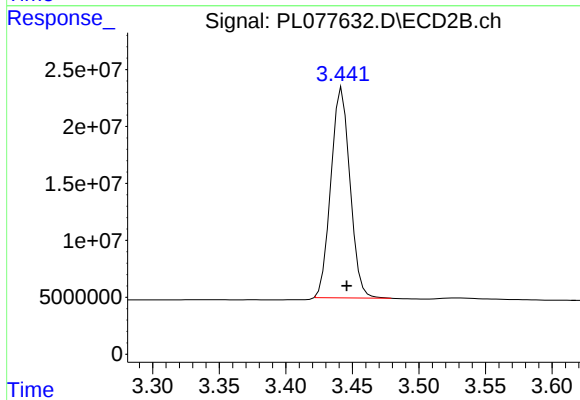
R.T.: 3.118 min  
Delta R.T.: -0.003 min  
Response: 206430293  
Conc: 51.55 ng/ml



#3 gamma-BHC (Lindane)

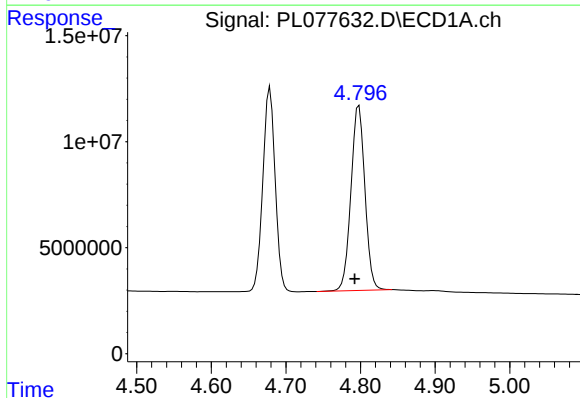
R.T.: 4.222 min  
Delta R.T.: 0.005 min  
Response: 117531027  
Conc: 49.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147528BS



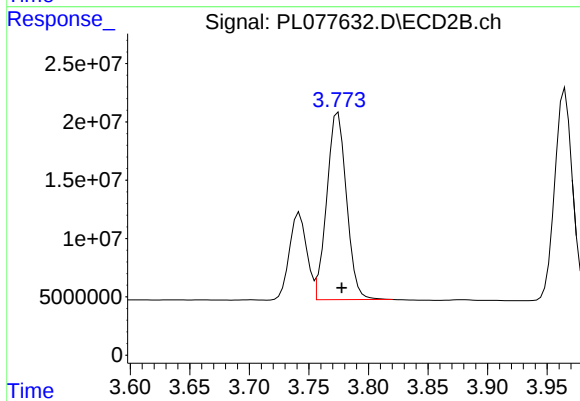
#3 gamma-BHC (Lindane)

R.T.: 3.442 min  
Delta R.T.: -0.004 min  
Response: 184029367  
Conc: 58.87 ng/ml



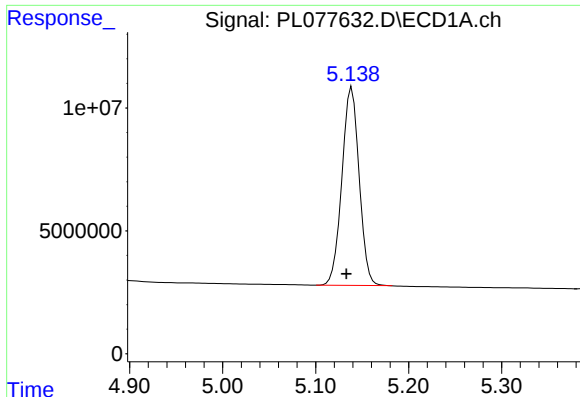
#4 Heptachlor

R.T.: 4.798 min  
Delta R.T.: 0.005 min  
Response: 113382422  
Conc: 48.46 ng/ml



#4 Heptachlor

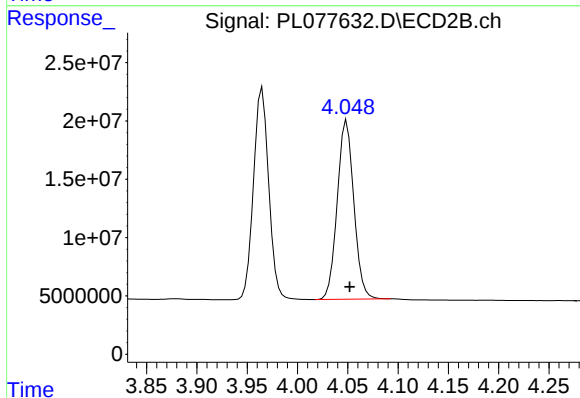
R.T.: 3.775 min  
Delta R.T.: -0.003 min  
Response: 185091871  
Conc: 55.77 ng/ml



#5 Aldrin

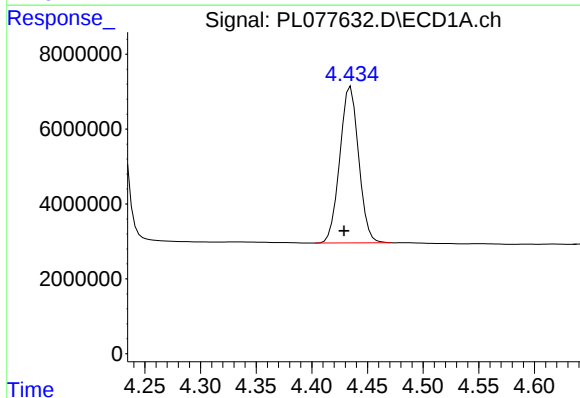
R.T.: 5.139 min  
Delta R.T.: 0.006 min  
Response: 103683143  
Conc: 46.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147528BS



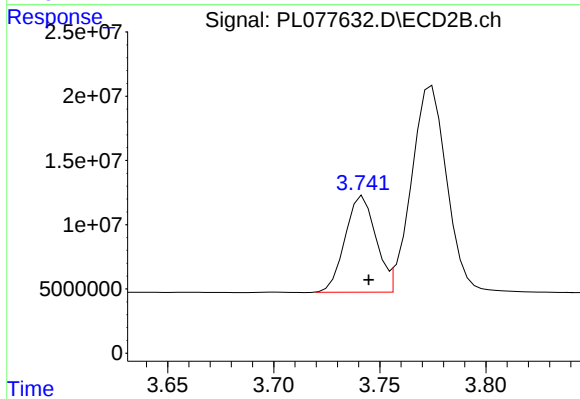
#5 Aldrin

R.T.: 4.049 min  
Delta R.T.: -0.003 min  
Response: 175706819  
Conc: 55.51 ng/ml



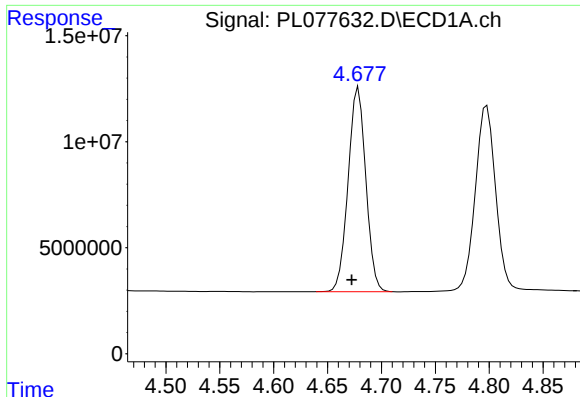
#6 beta-BHC

R.T.: 4.435 min  
Delta R.T.: 0.006 min  
Response: 49212682  
Conc: 47.97 ng/ml



#6 beta-BHC

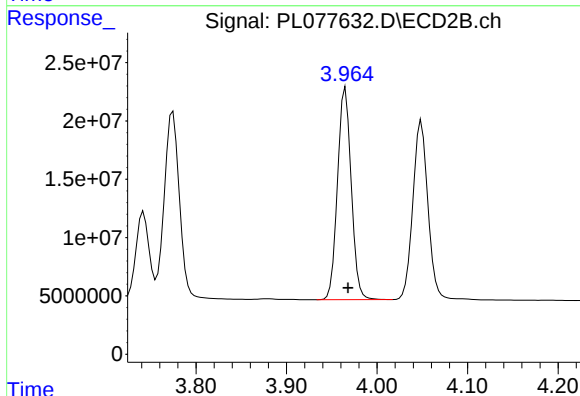
R.T.: 3.742 min  
Delta R.T.: -0.003 min  
Response: 75312528  
Conc: 52.62 ng/ml



#7 delta-BHC

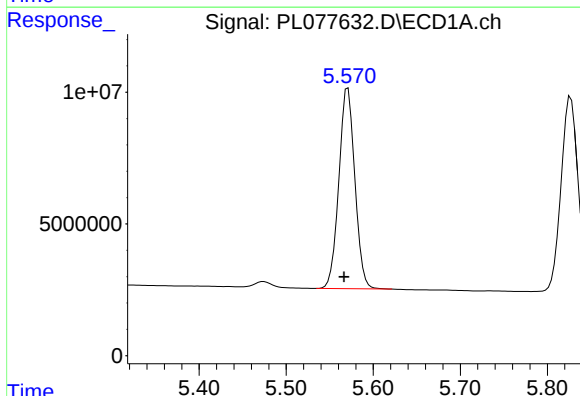
R.T.: 4.679 min  
Delta R.T.: 0.006 min  
Response: 110210368  
Conc: 58.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147528BS



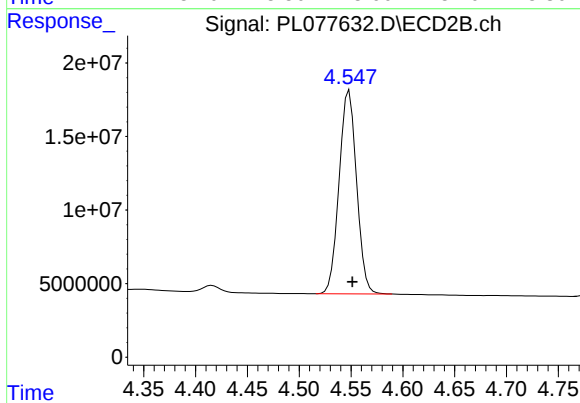
#7 delta-BHC

R.T.: 3.965 min  
Delta R.T.: -0.003 min  
Response: 191367717  
Conc: 53.86 ng/ml



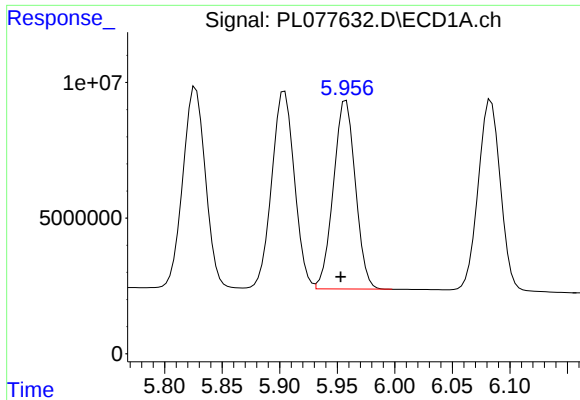
#8 Heptachlor epoxide

R.T.: 5.571 min  
Delta R.T.: 0.005 min  
Response: 97195103  
Conc: 60.75 ng/ml



#8 Heptachlor epoxide

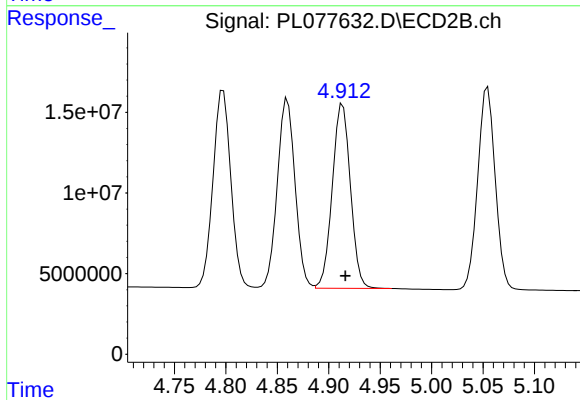
R.T.: 4.548 min  
Delta R.T.: -0.003 min  
Response: 162402944  
Conc: 59.39 ng/ml



#9 Endosulfan I

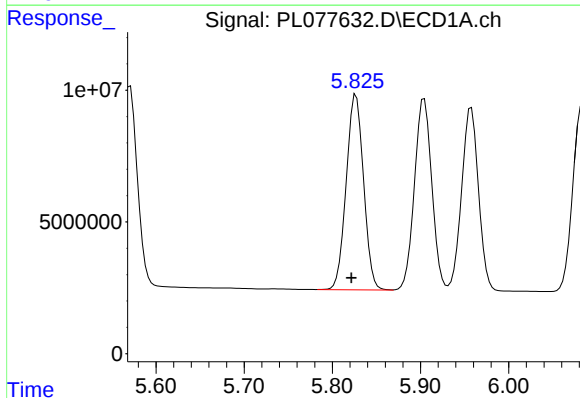
R.T.: 5.958 min  
Delta R.T.: 0.005 min  
Response: 92473430  
Conc: 52.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147528BS



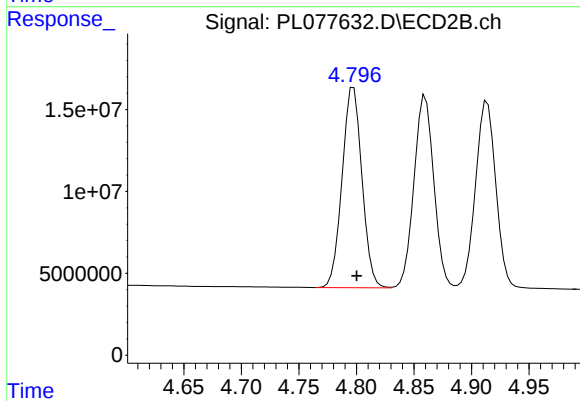
#9 Endosulfan I

R.T.: 4.914 min  
Delta R.T.: -0.003 min  
Response: 140200382  
Conc: 54.32 ng/ml



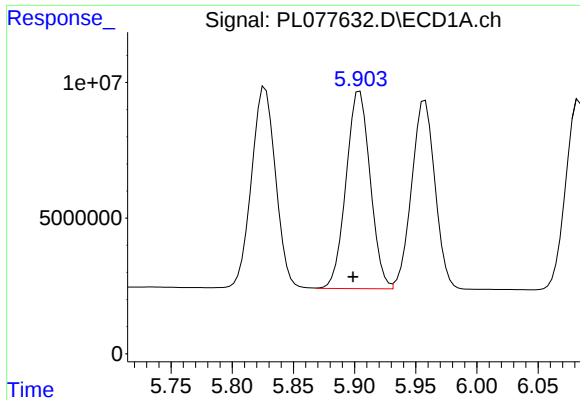
#10 gamma-Chlordane

R.T.: 5.827 min  
Delta R.T.: 0.005 min  
Response: 101381982  
Conc: 54.06 ng/ml



#10 gamma-Chlordane

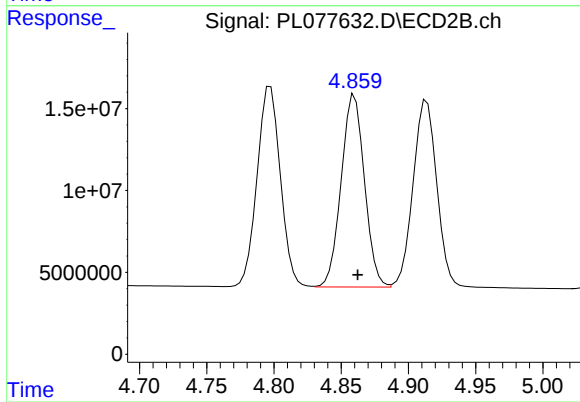
R.T.: 4.797 min  
Delta R.T.: -0.003 min  
Response: 147567337  
Conc: 52.69 ng/ml



#11 alpha-Chlordane

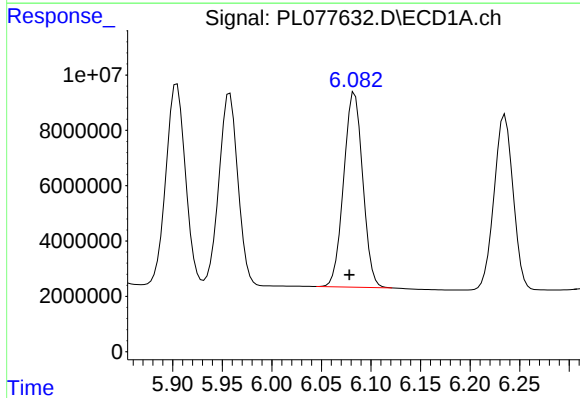
R.T.: 5.904 min  
Delta R.T.: 0.006 min  
Response: 99708492  
Conc: 52.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147528BS



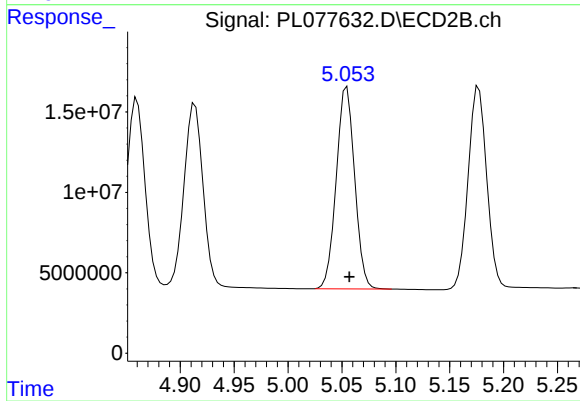
#11 alpha-Chlordane

R.T.: 4.860 min  
Delta R.T.: -0.003 min  
Response: 141115288  
Conc: 52.41 ng/ml



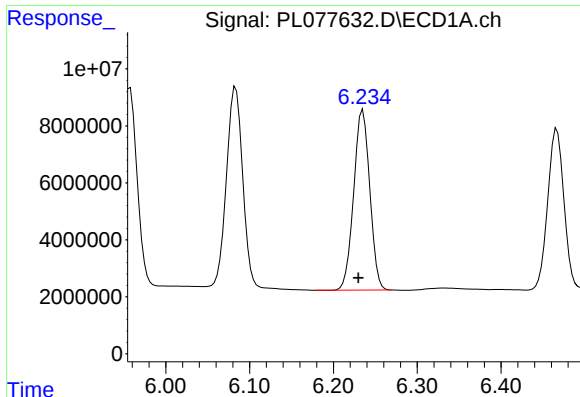
#12 4,4'-DDE

R.T.: 6.084 min  
Delta R.T.: 0.005 min  
Response: 94190980  
Conc: 53.77 ng/ml



#12 4,4'-DDE

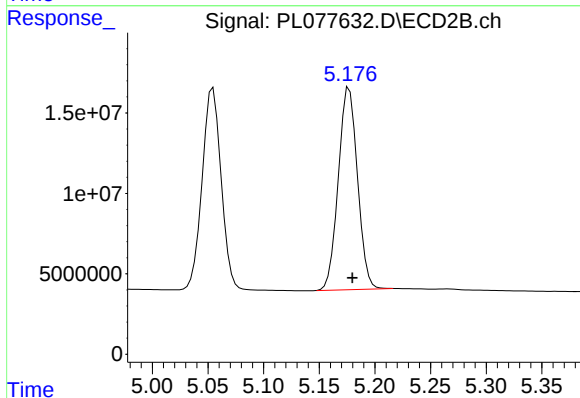
R.T.: 5.055 min  
Delta R.T.: -0.002 min  
Response: 149012738  
Conc: 54.90 ng/ml



#13 Dieldrin

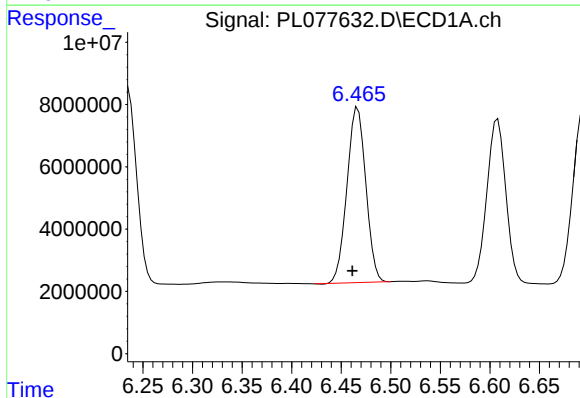
R.T.: 6.235 min  
Delta R.T.: 0.006 min  
Response: 84491007  
Conc: 46.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147528BS



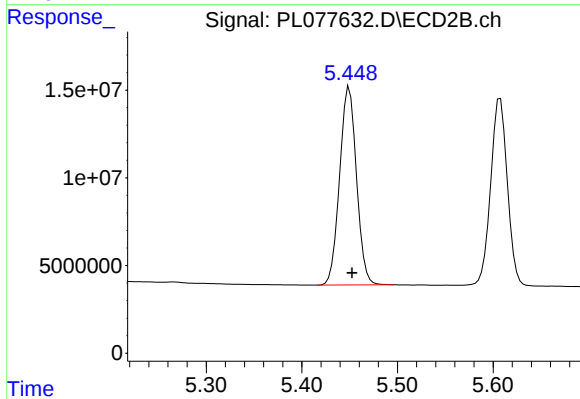
#13 Dieldrin

R.T.: 5.177 min  
Delta R.T.: -0.003 min  
Response: 150990404  
Conc: 55.11 ng/ml



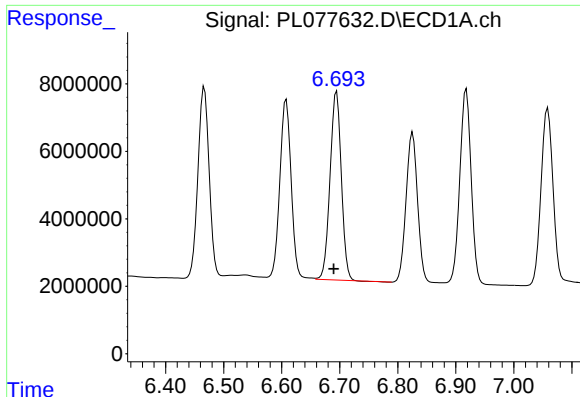
#14 Endrin

R.T.: 6.467 min  
Delta R.T.: 0.006 min  
Response: 74634166  
Conc: 49.29 ng/ml



#14 Endrin

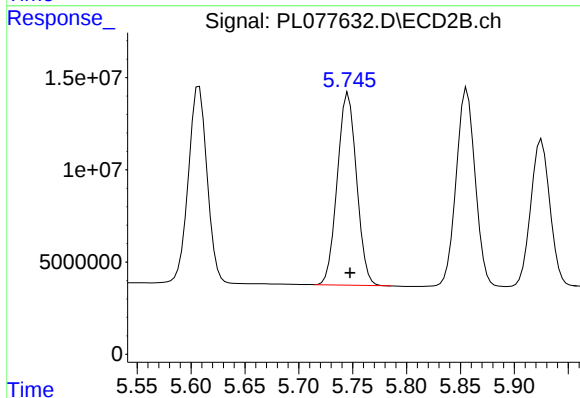
R.T.: 5.450 min  
Delta R.T.: -0.003 min  
Response: 138606003  
Conc: 67.24 ng/ml



#15 Endosulfan II

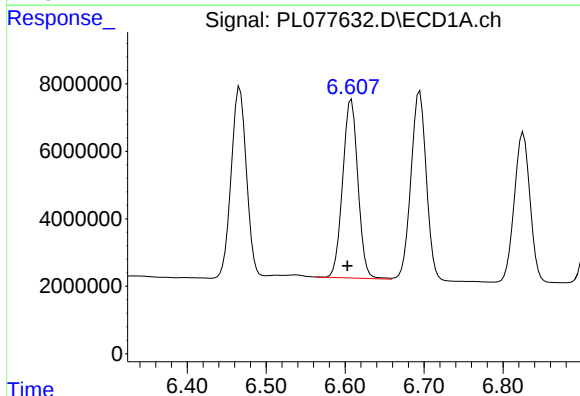
R.T.: 6.695 min  
Delta R.T.: 0.005 min  
Response: 75433344  
Conc: 46.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147528BS



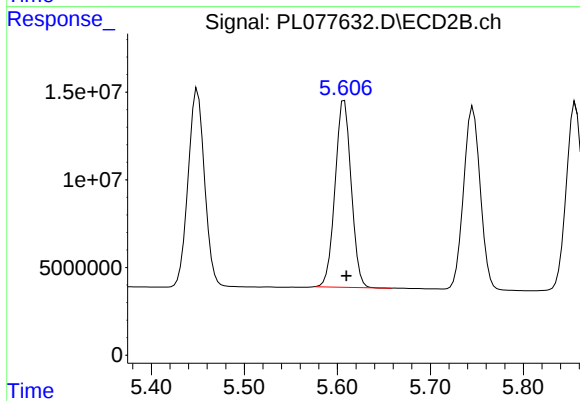
#15 Endosulfan II

R.T.: 5.746 min  
Delta R.T.: -0.002 min  
Response: 129572611  
Conc: 55.09 ng/ml



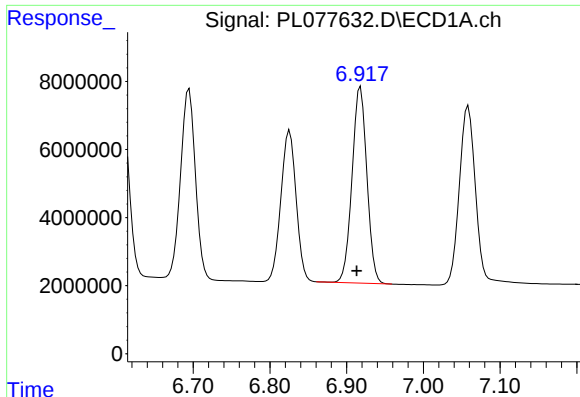
#16 4,4'-DDD

R.T.: 6.608 min  
Delta R.T.: 0.005 min  
Response: 71194127  
Conc: 53.90 ng/ml



#16 4,4'-DDD

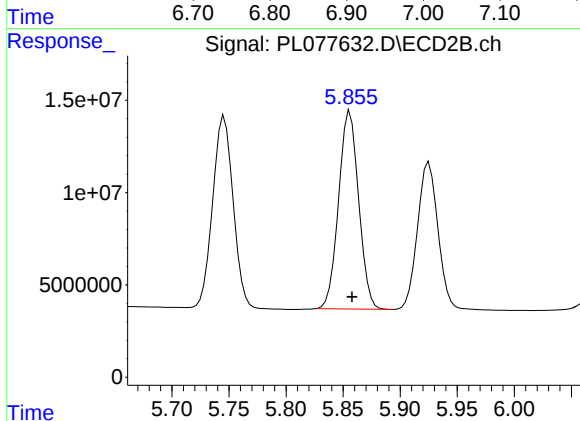
R.T.: 5.608 min  
Delta R.T.: -0.002 min  
Response: 128126680  
Conc: 62.21 ng/ml



#17 4,4'-DDT

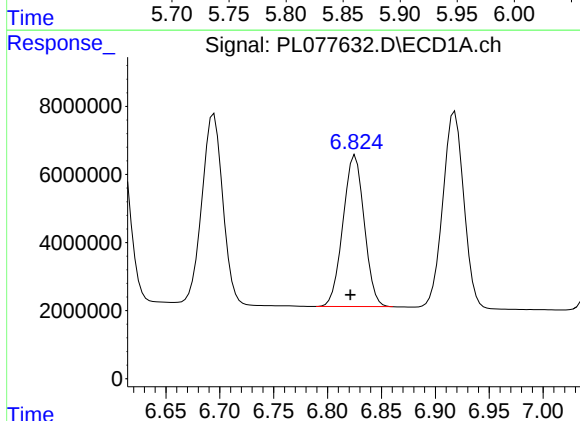
R.T.: 6.918 min  
Delta R.T.: 0.005 min  
Response: 78068652  
Conc: 49.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147528BS



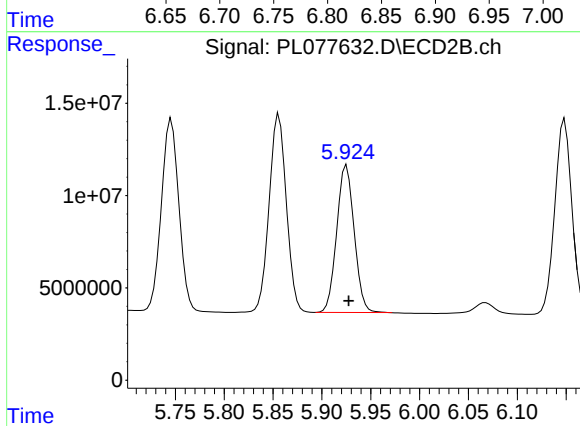
#17 4,4'-DDT

R.T.: 5.856 min  
Delta R.T.: -0.002 min  
Response: 131214604  
Conc: 61.47 ng/ml



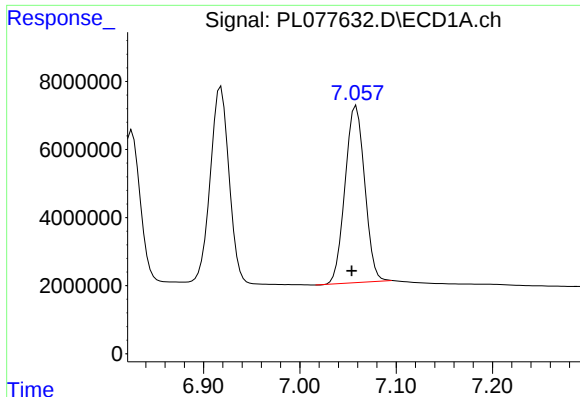
#18 Endrin aldehyde

R.T.: 6.826 min  
Delta R.T.: 0.005 min  
Response: 60973967  
Conc: 52.27 ng/ml



#18 Endrin aldehyde

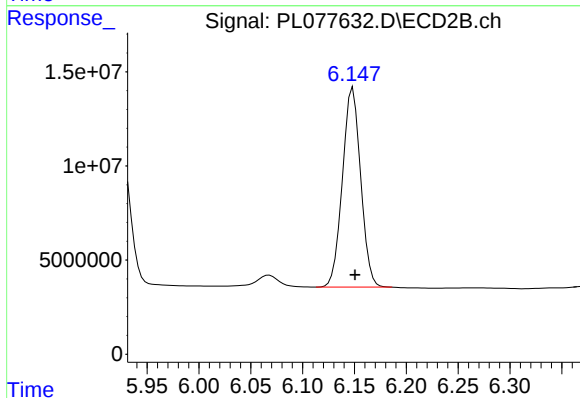
R.T.: 5.925 min  
Delta R.T.: -0.002 min  
Response: 99560313  
Conc: 57.25 ng/ml



#19 Endosulfan Sulfate

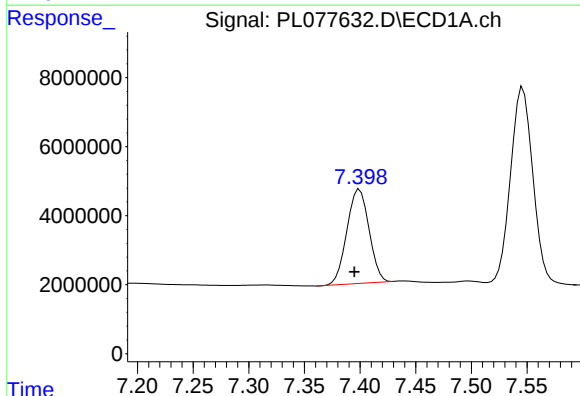
R.T.: 7.058 min  
Delta R.T.: 0.005 min  
Response: 73393744  
Conc: 49.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147528BS



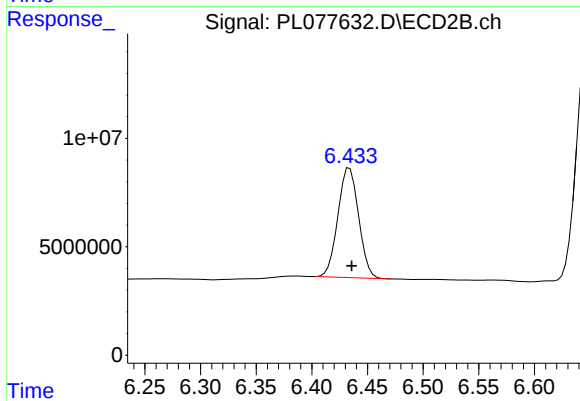
#19 Endosulfan Sulfate

R.T.: 6.149 min  
Delta R.T.: -0.002 min  
Response: 129672401  
Conc: 58.76 ng/ml



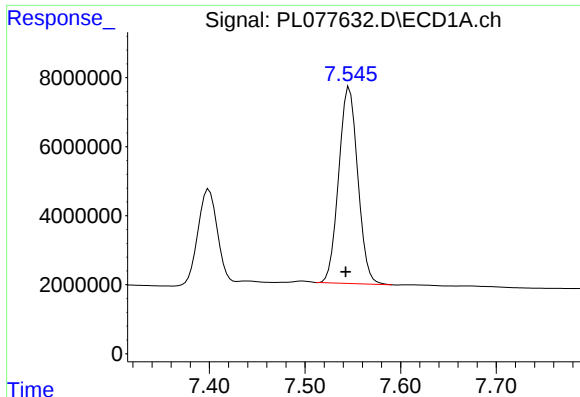
#20 Methoxychlor

R.T.: 7.400 min  
Delta R.T.: 0.005 min  
Response: 38061455  
Conc: 47.98 ng/ml



#20 Methoxychlor

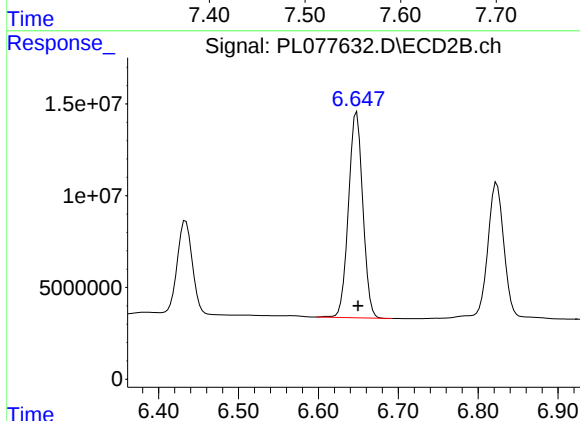
R.T.: 6.434 min  
Delta R.T.: -0.002 min  
Response: 65442488  
Conc: 55.69 ng/ml



#21 Endrin ketone

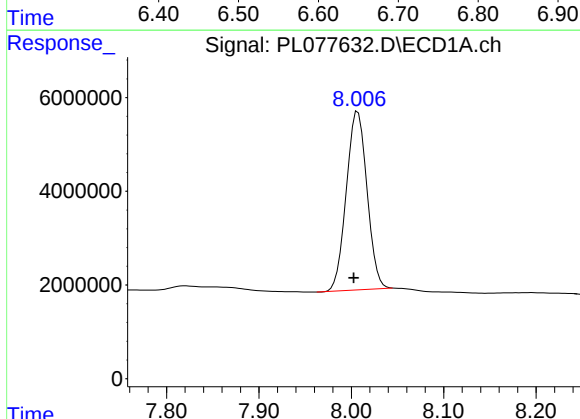
R.T.: 7.546 min  
Delta R.T.: 0.004 min  
Response: 78990528  
Conc: 51.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147528BS



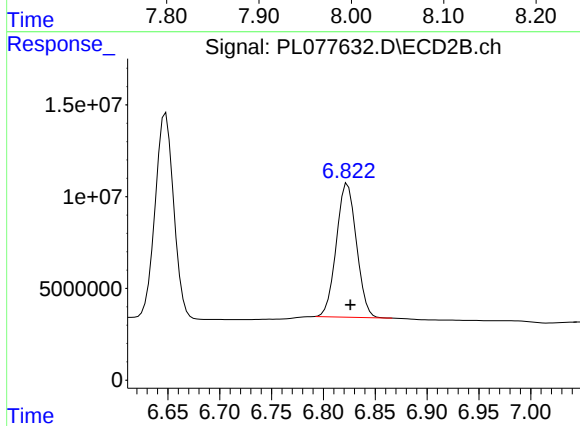
#21 Endrin ketone

R.T.: 6.648 min  
Delta R.T.: -0.002 min  
Response: 140033275  
Conc: 57.73 ng/ml



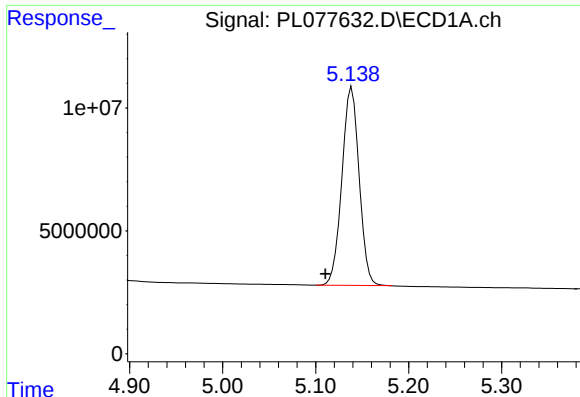
#22 Mirex

R.T.: 8.007 min  
Delta R.T.: 0.004 min  
Response: 59487809  
Conc: 48.93 ng/ml



#22 Mirex

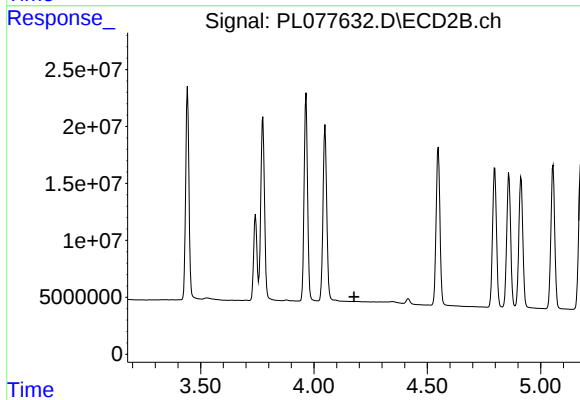
R.T.: 6.823 min  
Delta R.T.: -0.003 min  
Response: 98176732  
Conc: 56.08 ng/ml



#24 Chlordane-2

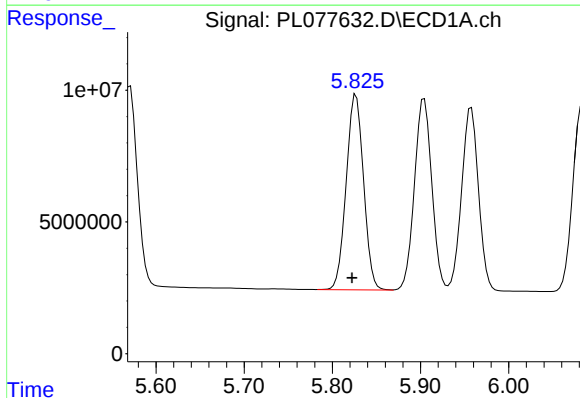
R.T.: 5.139 min  
Delta R.T.: 0.028 min  
Response: 103683143  
Conc: 1368.20 ng/m

Instrument :  
ECD\_L  
ClientSampleId :  
PB147528BS



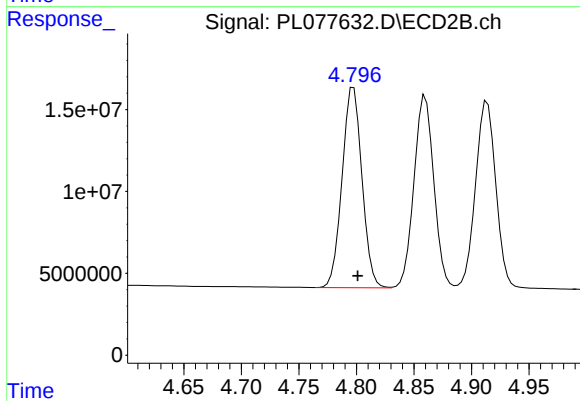
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.177 min  
Response: 0  
Conc: N.D.



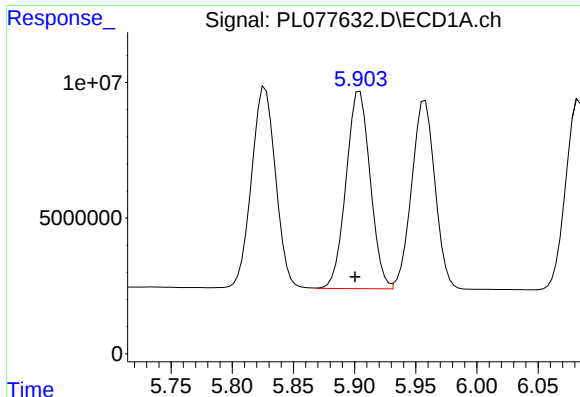
#25 Chlordane-3

R.T.: 5.827 min  
Delta R.T.: 0.005 min  
Response: 101381982  
Conc: 374.15 ng/ml



#25 Chlordane-3

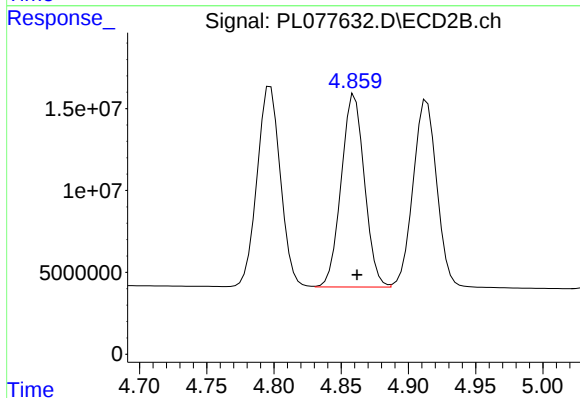
R.T.: 4.797 min  
Delta R.T.: -0.004 min  
Response: 147567337  
Conc: 516.63 ng/ml



#26 Chlordane-4

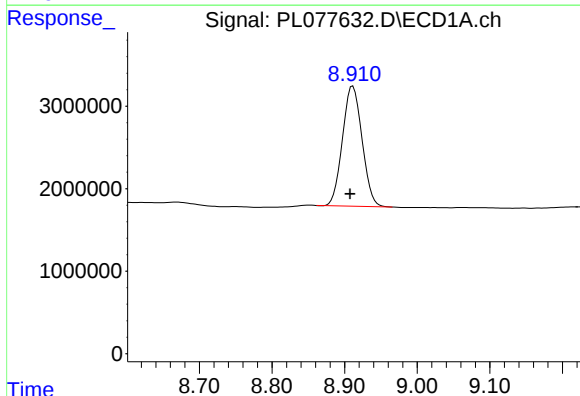
R.T.: 5.904 min  
Delta R.T.: 0.004 min  
Response: 99708492  
Conc: 298.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB147528BS



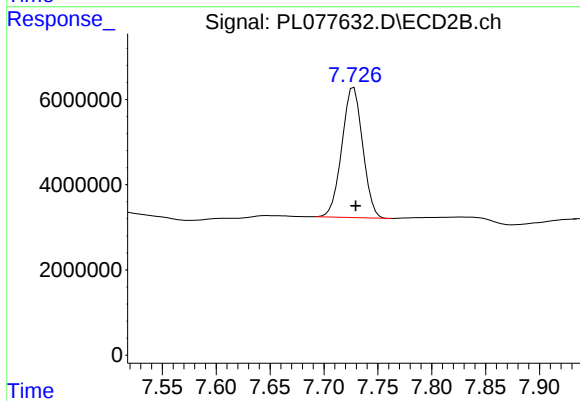
#26 Chlordane-4

R.T.: 4.860 min  
Delta R.T.: -0.002 min  
Response: 141115288  
Conc: 476.05 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.911 min  
Delta R.T.: 0.003 min  
Response: 27283727  
Conc: 18.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.728 min  
Delta R.T.: -0.002 min  
Response: 41104681  
Conc: 20.84 ng/ml