

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082820\  
 Data File : PL061053.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Aug 2020 13:41  
 Operator : DD\AJ  
 Sample : L3816-02MSD  
 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: Aug 28 16:21:33 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082520.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 25 16:59:57 2020  
 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... | 3.460 | 4.008  | 36753322 | 48965063 | 19.916   | 18.840     |
| 28)                         | SA Decachlor... | 8.215 | 9.097  | 31579152 | 43430881 | 18.746   | 20.583     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.896 | 4.398  | 124.9E6  | 174.3E6  | 44.185   | 42.908     |
| 3)                          | MA gamma-BHC... | 4.180 | 4.683  | 110.7E6  | 157.8E6  | 43.360   | 41.952     |
| 4)                          | MA Heptachlor   | 4.481 | 5.194  | 104.8E6  | 158.4E6  | 44.675   | 43.292     |
| 5)                          | MB Aldrin       | 4.729 | 5.500  | 92794860 | 144.4E6  | 44.472   | 42.834     |
| 6)                          | B beta-BHC      | 4.430 | 4.854  | 47718172 | 70296062 | 46.714   | 47.201     |
| 7)                          | B delta-BHC     | 4.635 | 5.072  | 106.3E6  | 116.4E6  | 44.733   | 42.371     |
| 8)                          | B Heptachlo...  | 5.172 | 5.888  | 89002459 | 120.3E6  | 45.143   | 45.995     |
| 9)                          | A Endosulfan I  | 5.511 | 6.245  | 82052674 | 121.2E6  | 45.155   | 42.171     |
| 10)                         | B gamma-Chl...  | 5.400 | 6.122  | 88588218 | 132.2E6  | 45.085   | 42.567     |
| 11)                         | B alpha-Chl...  | 5.458 | 6.195  | 87190064 | 130.8E6  | 44.674   | 42.072     |
| 12)                         | B 4,4'-DDE      | 5.623 | 6.354  | 81226515 | 119.0E6  | 44.144   | 41.172     |
| 13)                         | MA Dieldrin     | 5.754 | 6.503  | 86780209 | 126.0E6  | 45.093   | 42.187     |
| 14)                         | MA Endrin       | 6.010 | 6.722  | 78983650 | 105.9E6  | 43.431   | 41.694     |
| 15)                         | B Endosulfa...  | 6.284 | 6.932  | 76448897 | 106.5E6  | 42.829   | 41.395     |
| 16)                         | A 4,4'-DDD      | 6.138 | 6.845  | 65650757 | 96339063 | 41.528   | 41.252     |
| 17)                         | MA 4,4'-DDT     | 6.379 | 7.145  | 68044421 | 95554892 | 45.015   | 41.492     |
| 18)                         | B Endrin al...  | 6.451 | 7.056  | 65991069 | 91727219 | 43.580   | 42.046     |
| 19)                         | B Endosulfa...  | 6.665 | 7.280  | 78613676 | 106.2E6  | 45.905   | 43.823     |
| 20)                         | A Methoxychlor  | 6.925 | 7.605  | 39630399 | 54616738 | 44.147   | 42.246     |
| 21)                         | B Endrin ke...  | 7.155 | 7.752  | 85197216 | 114.8E6  | 44.137   | 46.129     |
| 22)                         | Mirex           | 7.344 | 8.208  | 65520763 | 82706859 | 46.003   | 47.532     |
| 24)                         | Chlordane-2     | 0.000 | 5.500f | 0        | 144.4E6  | N.D.     | 1402.804 # |
| 25)                         | Chlordane-3     | 5.400 | 6.122  | 88588218 | 132.2E6  | 490.841  | 330.793 #  |
| 26)                         | Chlordane-4     | 5.458 | 6.195  | 87190064 | 130.8E6  | 586.404  | 272.083 #  |
| 27)                         | Chlordane-5     | 6.284 | 0.000  | 76448897 | 0        | 1221.703 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

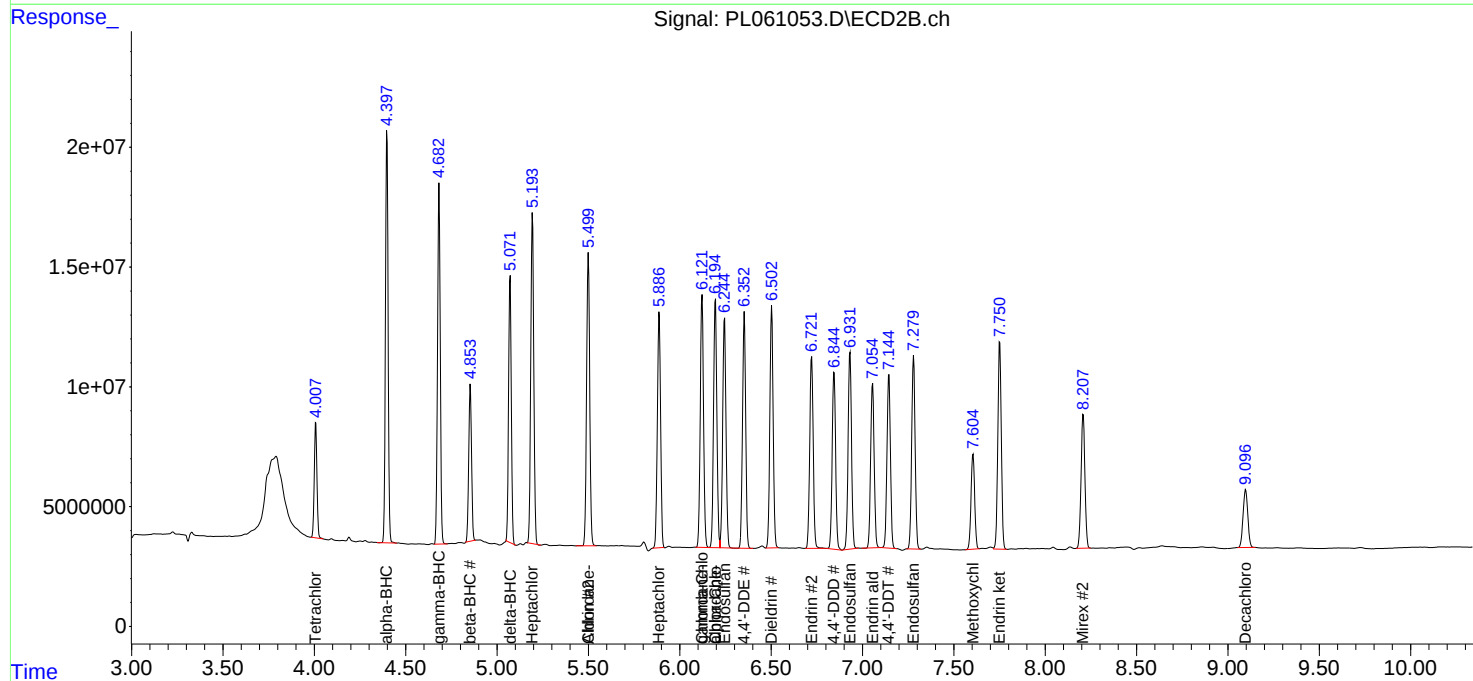
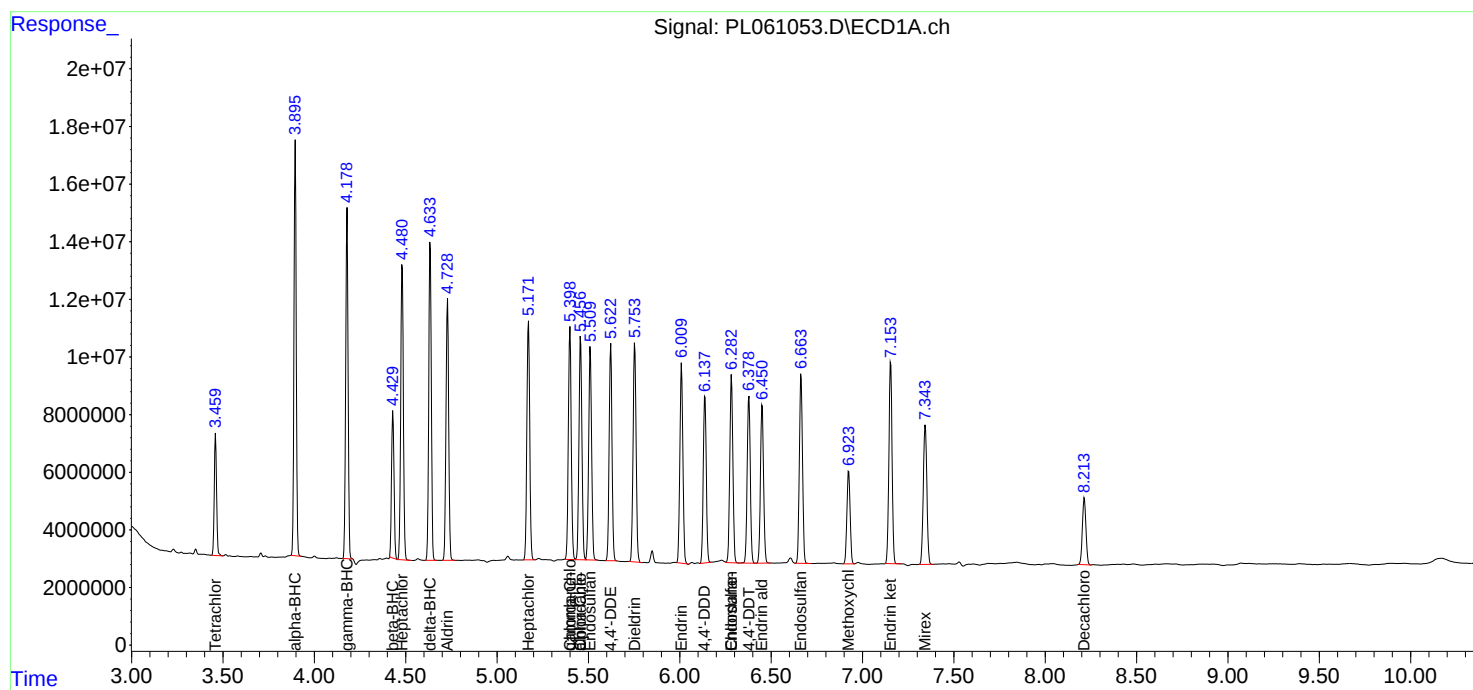
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

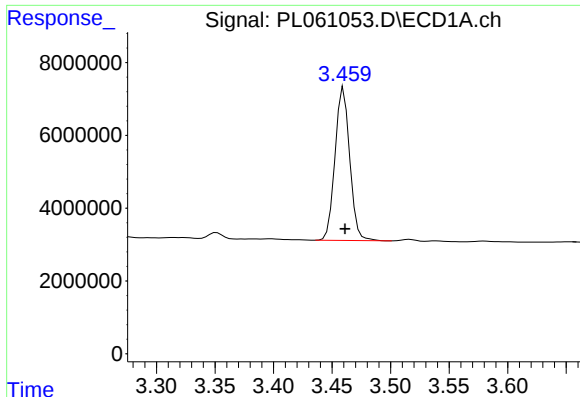
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082820\  
Data File : PL061053.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Aug 2020 13:41  
Operator : DD\AJ  
Sample : L3816-02MSD  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 28 16:21:33 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL082520.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 25 16:59:57 2020  
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

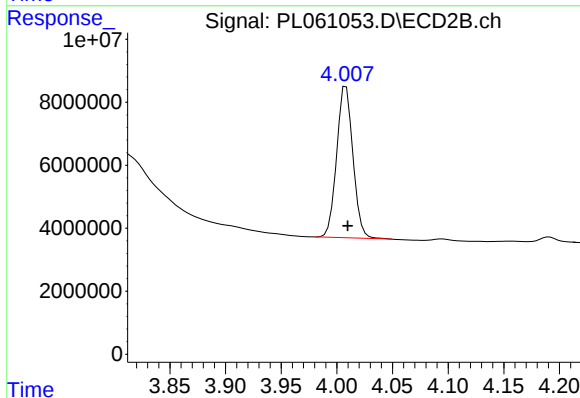




#1 Tetrachloro-m-xylene

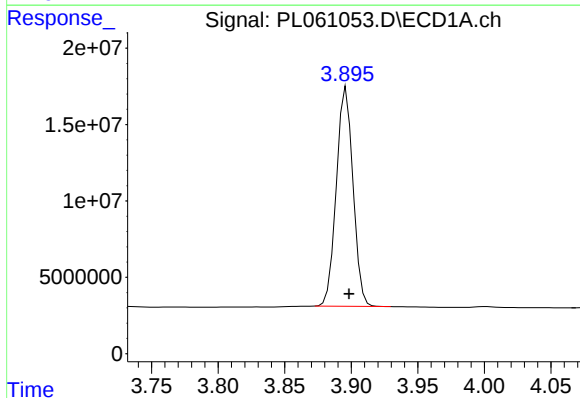
R.T.: 3.460 min  
Delta R.T.: 0.000 min  
Response: 36753322  
Conc: 19.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



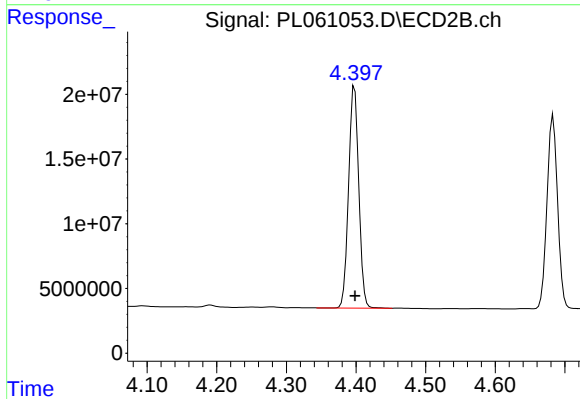
#1 Tetrachloro-m-xylene

R.T.: 4.008 min  
Delta R.T.: -0.001 min  
Response: 48965063  
Conc: 18.84 ng/ml



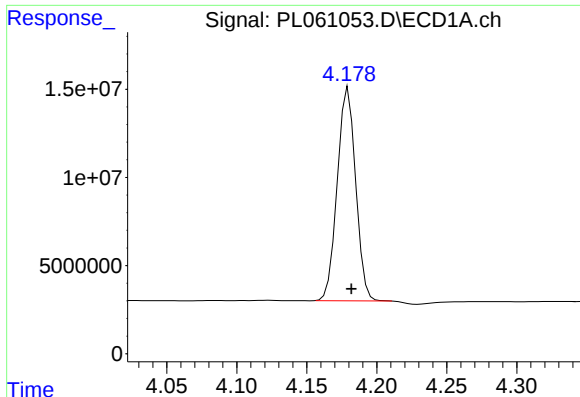
#2 alpha-BHC

R.T.: 3.896 min  
Delta R.T.: -0.002 min  
Response: 124948172  
Conc: 44.19 ng/ml



#2 alpha-BHC

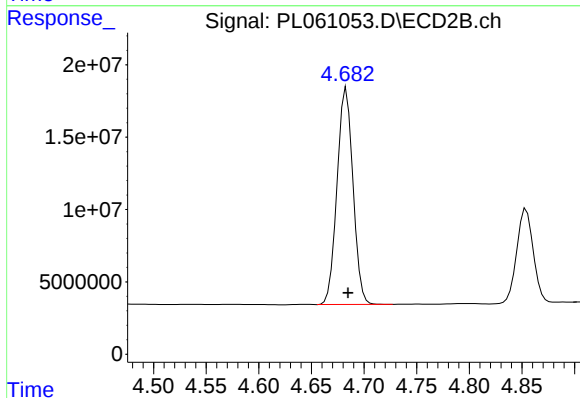
R.T.: 4.398 min  
Delta R.T.: 0.000 min  
Response: 174303926  
Conc: 42.91 ng/ml



#3 gamma-BHC (Lindane)

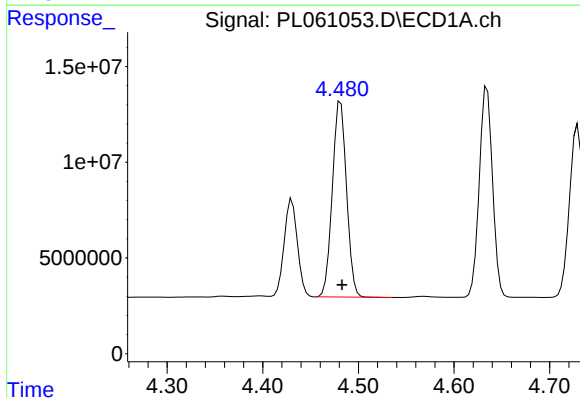
R.T.: 4.180 min  
Delta R.T.: -0.002 min  
Response: 110694218  
Conc: 43.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



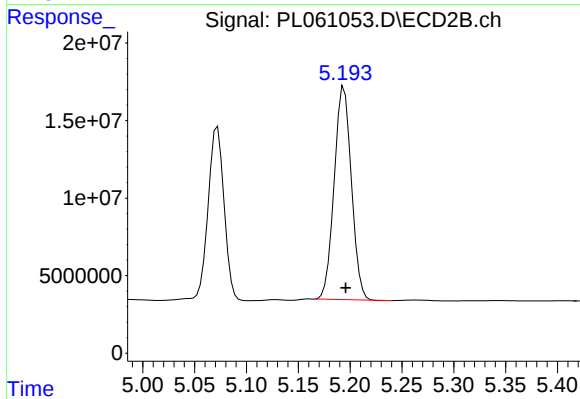
#3 gamma-BHC (Lindane)

R.T.: 4.683 min  
Delta R.T.: -0.002 min  
Response: 157796217  
Conc: 41.95 ng/ml



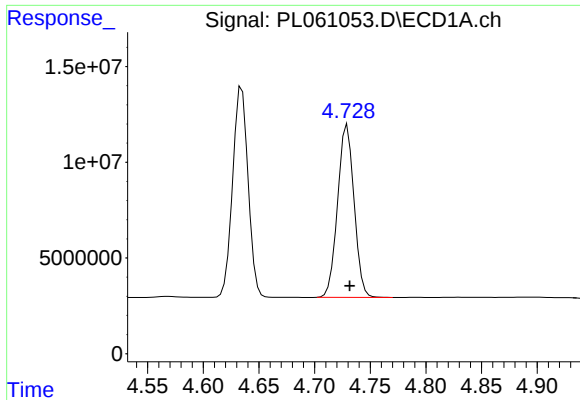
#4 Heptachlor

R.T.: 4.481 min  
Delta R.T.: -0.002 min  
Response: 104847912  
Conc: 44.67 ng/ml



#4 Heptachlor

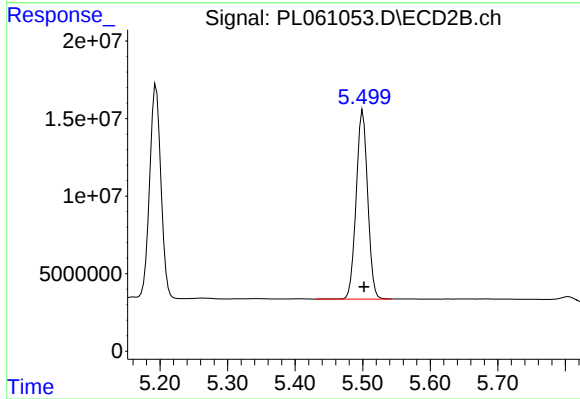
R.T.: 5.194 min  
Delta R.T.: -0.002 min  
Response: 158409089  
Conc: 43.29 ng/ml



#5 Aldrin

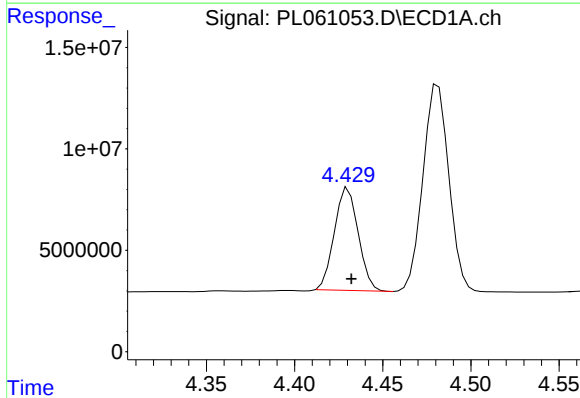
R.T.: 4.729 min  
Delta R.T.: -0.002 min  
Response: 92794860  
Conc: 44.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



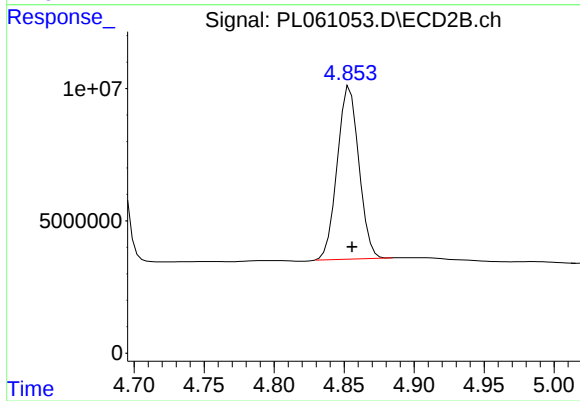
#5 Aldrin

R.T.: 5.500 min  
Delta R.T.: -0.002 min  
Response: 144363995  
Conc: 42.83 ng/ml



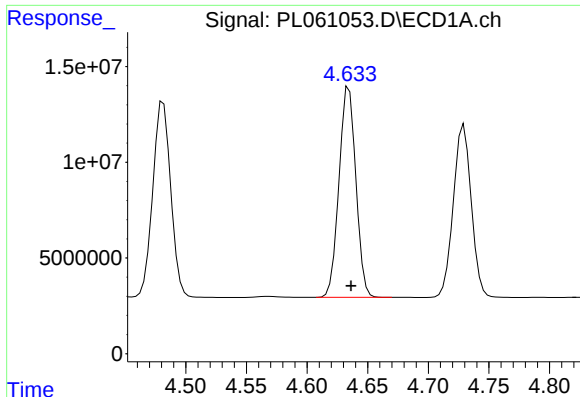
#6 beta-BHC

R.T.: 4.430 min  
Delta R.T.: -0.002 min  
Response: 47718172  
Conc: 46.71 ng/ml



#6 beta-BHC

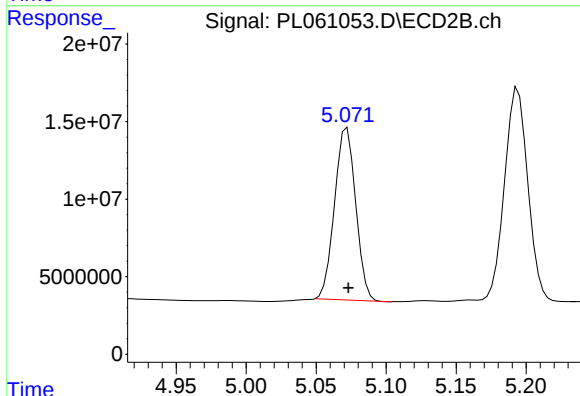
R.T.: 4.854 min  
Delta R.T.: -0.002 min  
Response: 70296062  
Conc: 47.20 ng/ml



#7 delta-BHC

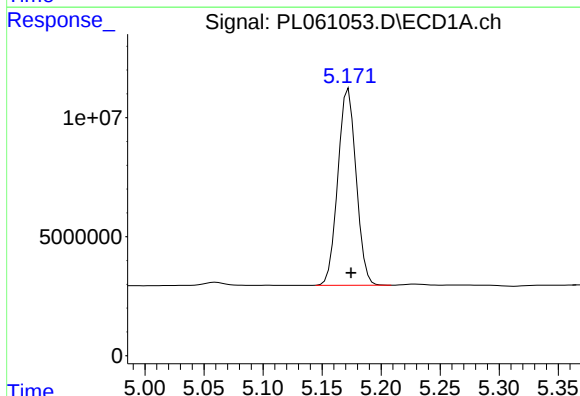
R.T.: 4.635 min  
Delta R.T.: -0.002 min  
Response: 106291666  
Conc: 44.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



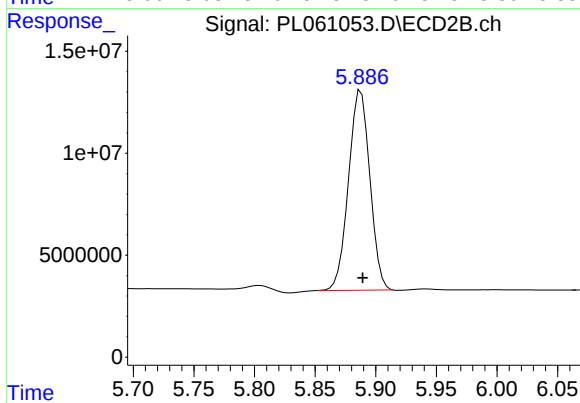
#7 delta-BHC

R.T.: 5.072 min  
Delta R.T.: -0.001 min  
Response: 116385241  
Conc: 42.37 ng/ml



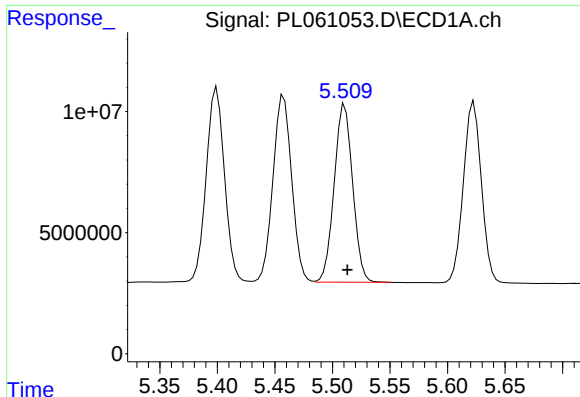
#8 Heptachlor epoxide

R.T.: 5.172 min  
Delta R.T.: -0.002 min  
Response: 89002459  
Conc: 45.14 ng/ml



#8 Heptachlor epoxide

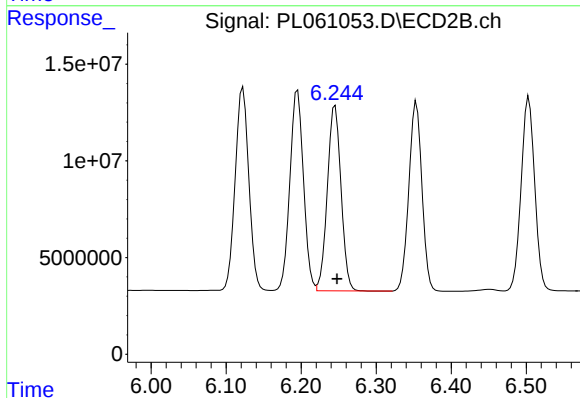
R.T.: 5.888 min  
Delta R.T.: -0.001 min  
Response: 120310168  
Conc: 46.00 ng/ml



#9 Endosulfan I

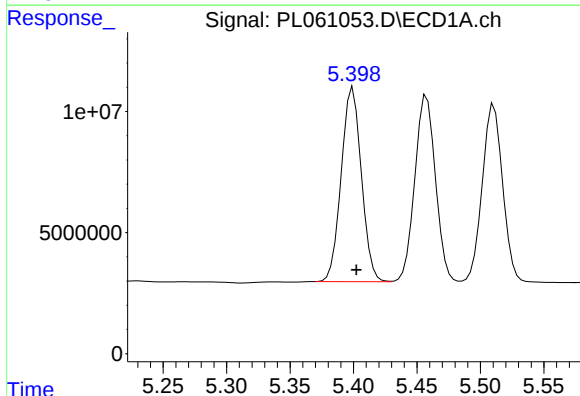
R.T.: 5.511 min  
Delta R.T.: -0.002 min  
Response: 82052674  
Conc: 45.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



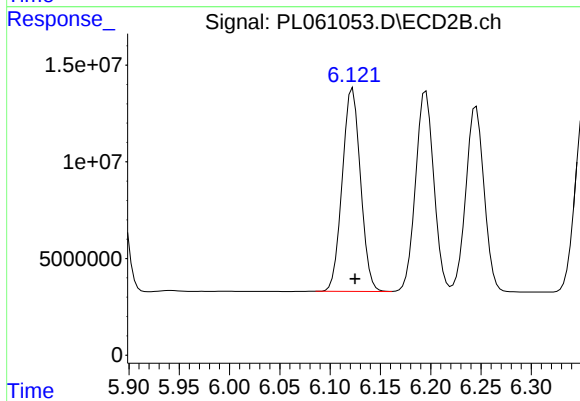
#9 Endosulfan I

R.T.: 6.245 min  
Delta R.T.: -0.003 min  
Response: 121243401  
Conc: 42.17 ng/ml



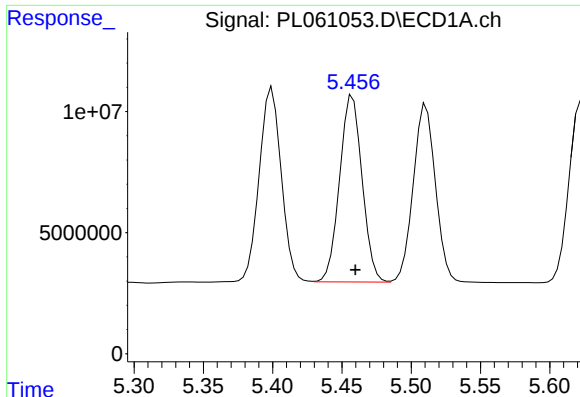
#10 gamma-Chlordane

R.T.: 5.400 min  
Delta R.T.: -0.003 min  
Response: 88588218  
Conc: 45.08 ng/ml



#10 gamma-Chlordane

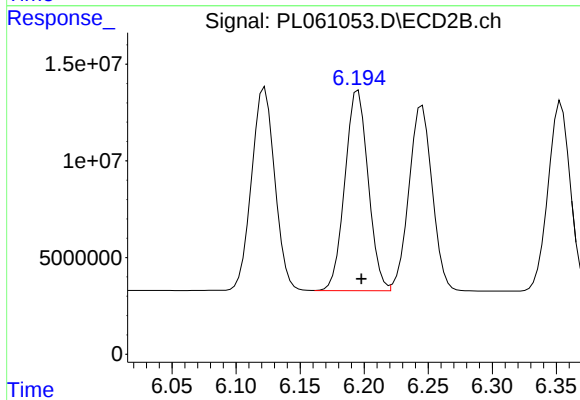
R.T.: 6.122 min  
Delta R.T.: -0.002 min  
Response: 132212049  
Conc: 42.57 ng/ml



#11 alpha-Chlordane

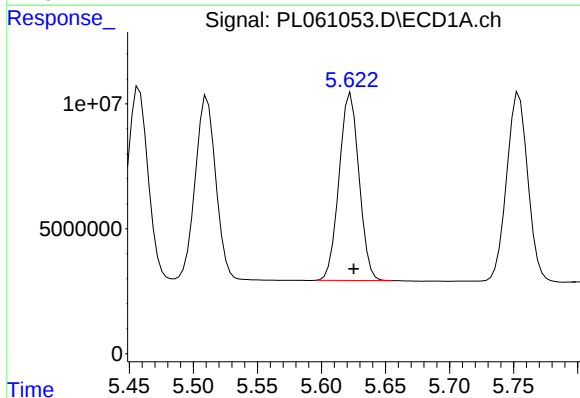
R.T.: 5.458 min  
Delta R.T.: -0.002 min  
Response: 87190064  
Conc: 44.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



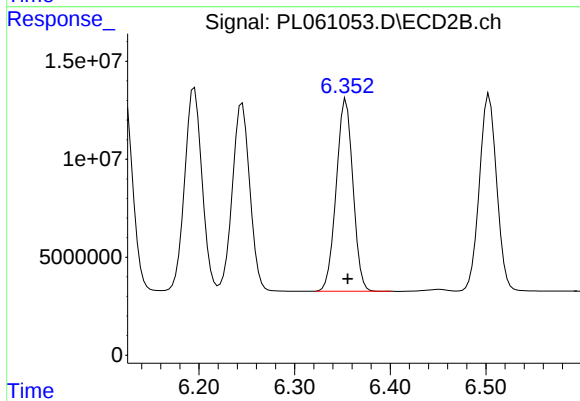
#11 alpha-Chlordane

R.T.: 6.195 min  
Delta R.T.: -0.002 min  
Response: 130797745  
Conc: 42.07 ng/ml



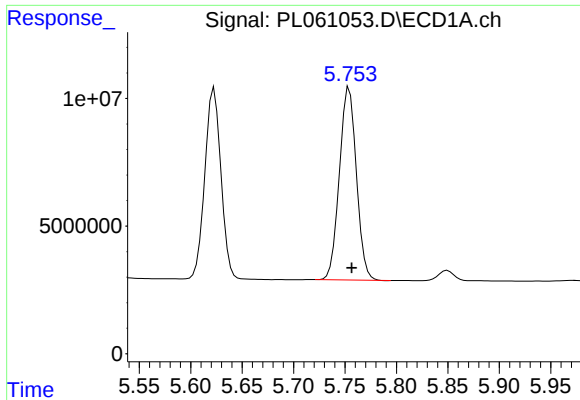
#12 4,4'-DDE

R.T.: 5.623 min  
Delta R.T.: -0.002 min  
Response: 81226515  
Conc: 44.14 ng/ml



#12 4,4'-DDE

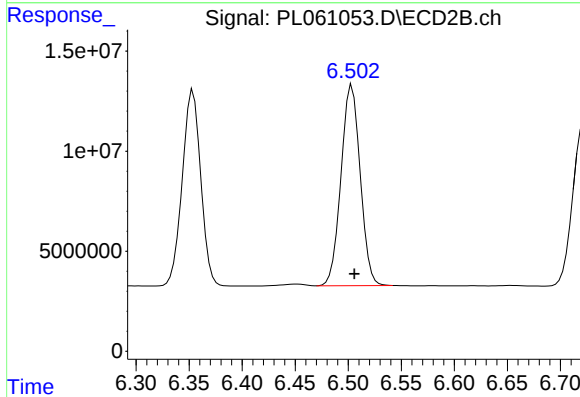
R.T.: 6.354 min  
Delta R.T.: -0.002 min  
Response: 118997329  
Conc: 41.17 ng/ml



#13 Dieldrin

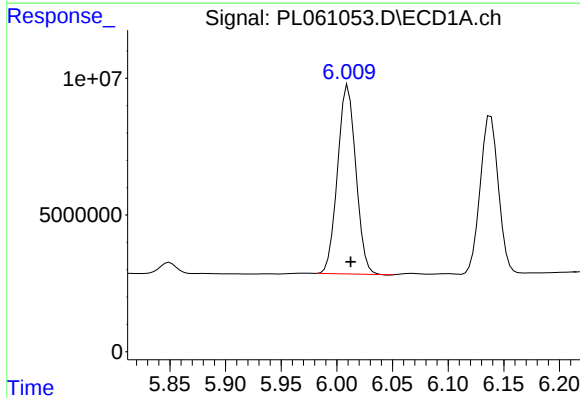
R.T.: 5.754 min  
Delta R.T.: -0.002 min  
Response: 86780209  
Conc: 45.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



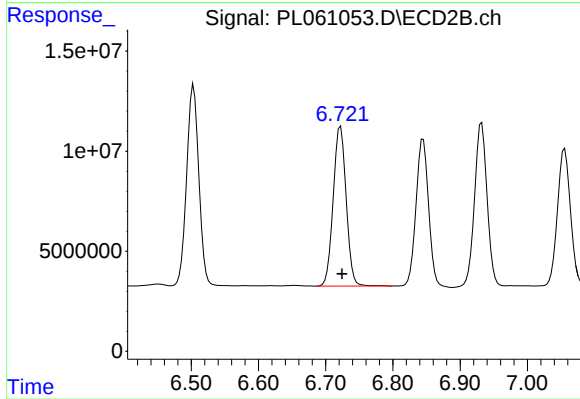
#13 Dieldrin

R.T.: 6.503 min  
Delta R.T.: -0.002 min  
Response: 125986302  
Conc: 42.19 ng/ml



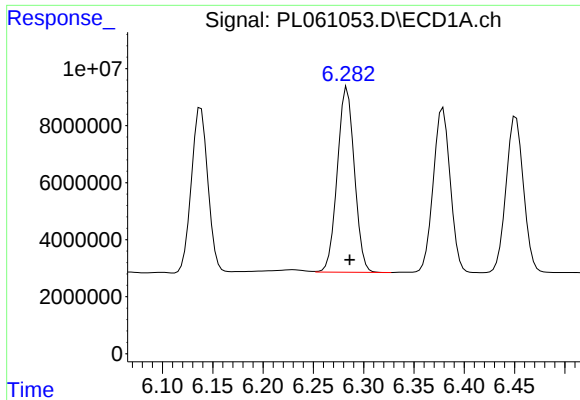
#14 Endrin

R.T.: 6.010 min  
Delta R.T.: -0.002 min  
Response: 78983650  
Conc: 43.43 ng/ml



#14 Endrin

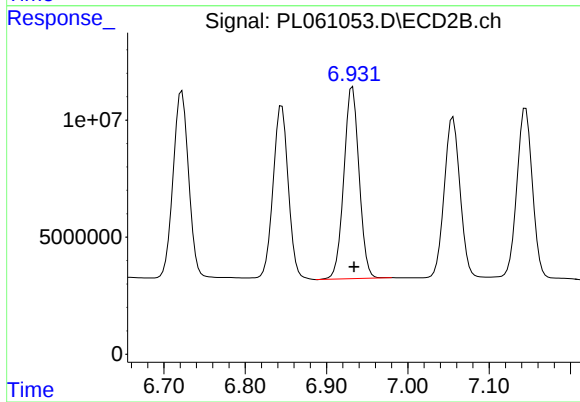
R.T.: 6.722 min  
Delta R.T.: -0.002 min  
Response: 105896401  
Conc: 41.69 ng/ml



#15 Endosulfan II

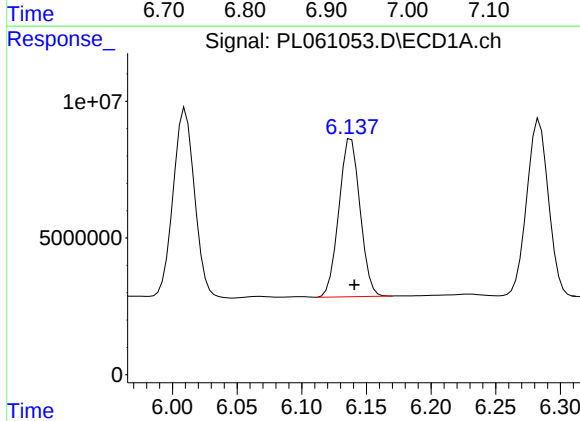
R.T.: 6.284 min  
Delta R.T.: -0.003 min  
Response: 76448897  
Conc: 42.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



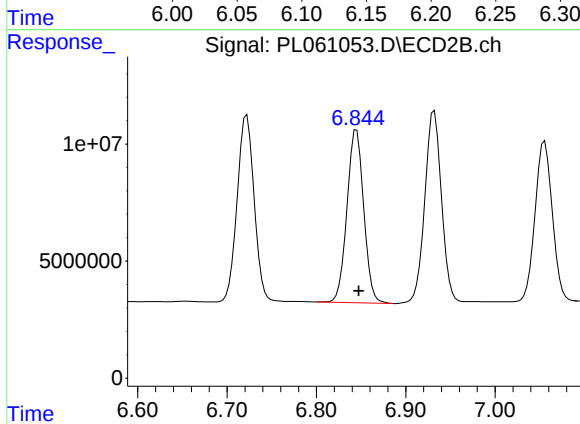
#15 Endosulfan II

R.T.: 6.932 min  
Delta R.T.: -0.002 min  
Response: 106485132  
Conc: 41.39 ng/ml



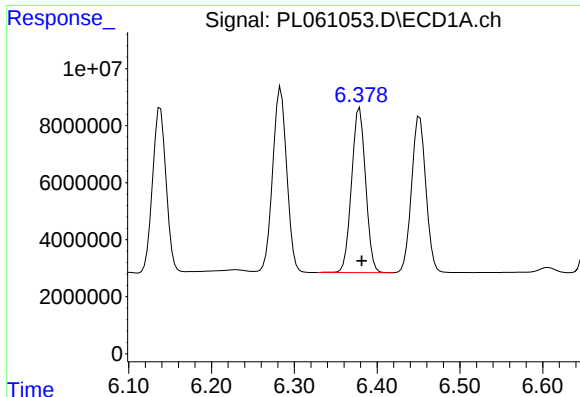
#16 4,4'-DDD

R.T.: 6.138 min  
Delta R.T.: -0.002 min  
Response: 65650757  
Conc: 41.53 ng/ml



#16 4,4'-DDD

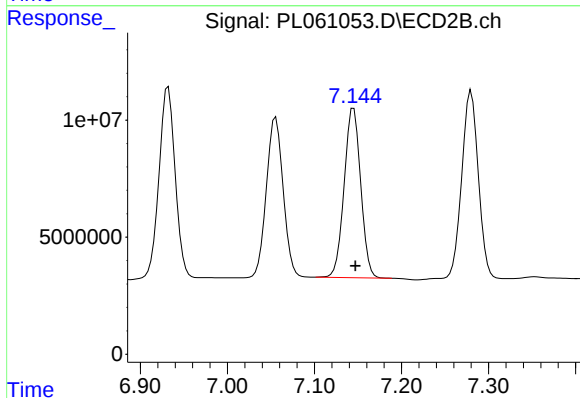
R.T.: 6.845 min  
Delta R.T.: -0.002 min  
Response: 96339063  
Conc: 41.25 ng/ml



#17 4,4'-DDT

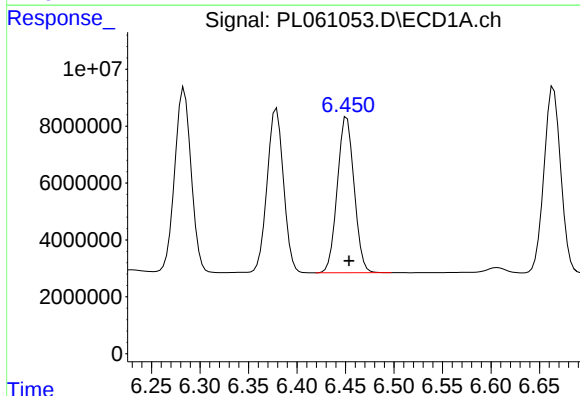
R.T.: 6.379 min  
Delta R.T.: -0.003 min  
Response: 68044421  
Conc: 45.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



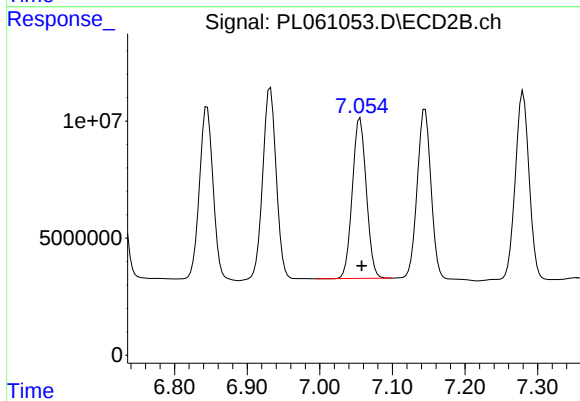
#17 4,4'-DDT

R.T.: 7.145 min  
Delta R.T.: -0.002 min  
Response: 95554892  
Conc: 41.49 ng/ml



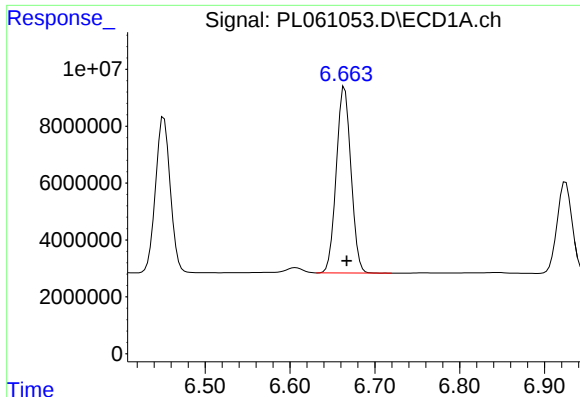
#18 Endrin aldehyde

R.T.: 6.451 min  
Delta R.T.: -0.002 min  
Response: 65991069  
Conc: 43.58 ng/ml



#18 Endrin aldehyde

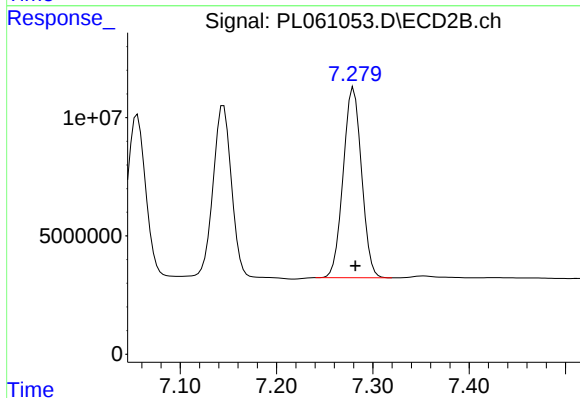
R.T.: 7.056 min  
Delta R.T.: -0.002 min  
Response: 91727219  
Conc: 42.05 ng/ml



#19 Endosulfan Sulfate

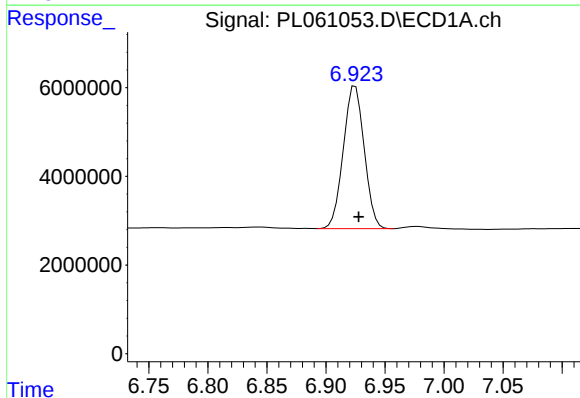
R.T.: 6.665 min  
Delta R.T.: -0.002 min  
Response: 78613676  
Conc: 45.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



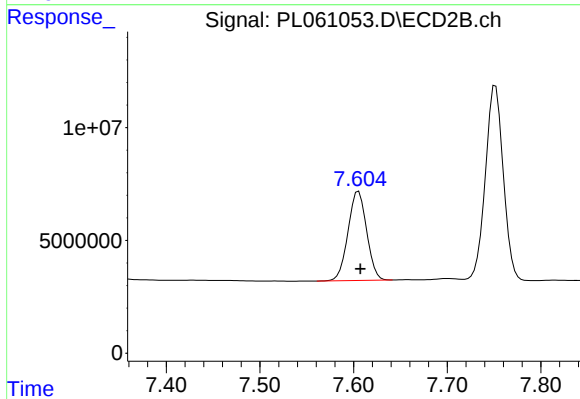
#19 Endosulfan Sulfate

R.T.: 7.280 min  
Delta R.T.: -0.002 min  
Response: 106212054  
Conc: 43.82 ng/ml



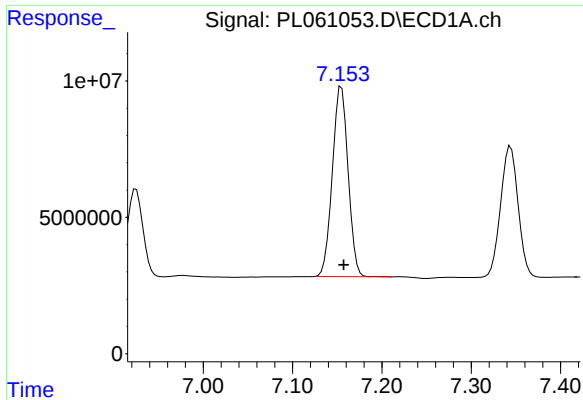
#20 Methoxychlor

R.T.: 6.925 min  
Delta R.T.: -0.003 min  
Response: 39630399  
Conc: 44.15 ng/ml



#20 Methoxychlor

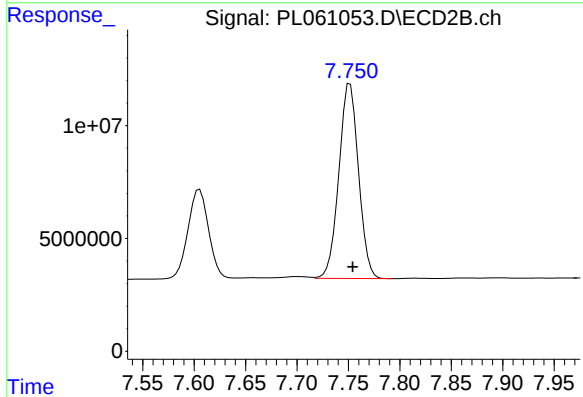
R.T.: 7.605 min  
Delta R.T.: -0.002 min  
Response: 54616738  
Conc: 42.25 ng/ml



#21 Endrin ketone

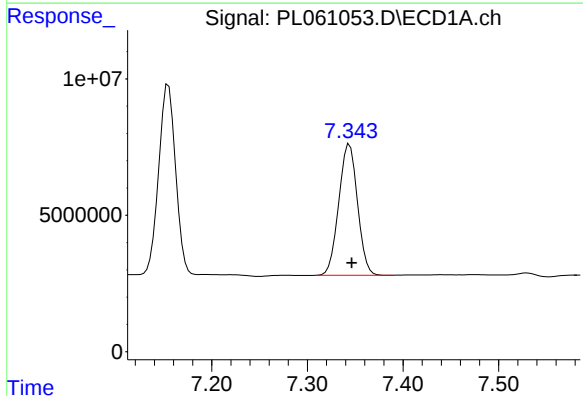
R.T.: 7.155 min  
Delta R.T.: -0.003 min  
Response: 85197216  
Conc: 44.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



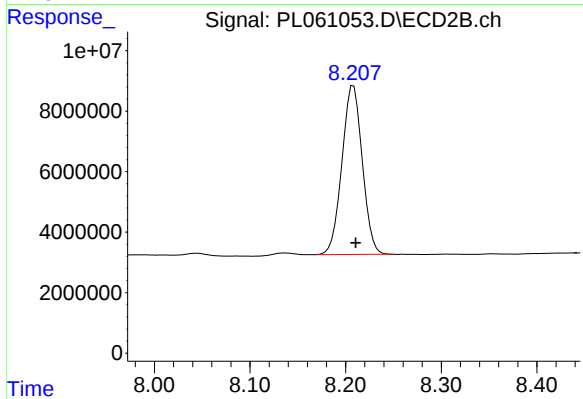
#21 Endrin ketone

R.T.: 7.752 min  
Delta R.T.: -0.003 min  
Response: 114813974  
Conc: 46.13 ng/ml



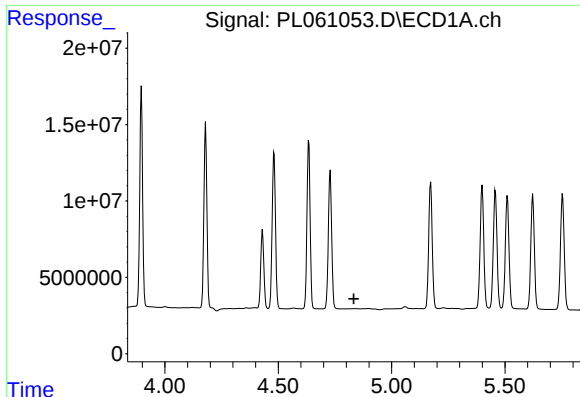
#22 Mirex

R.T.: 7.344 min  
Delta R.T.: -0.002 min  
Response: 65520763  
Conc: 46.00 ng/ml



#22 Mirex

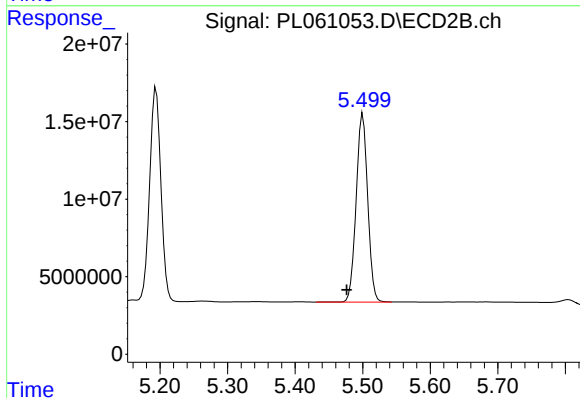
R.T.: 8.208 min  
Delta R.T.: -0.002 min  
Response: 82706859  
Conc: 47.53 ng/ml



#24 Chlordane-2

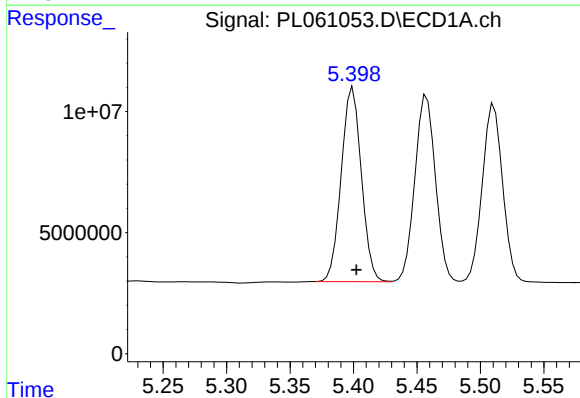
R.T.: 0.000 min  
Exp R.T.: 4.833 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



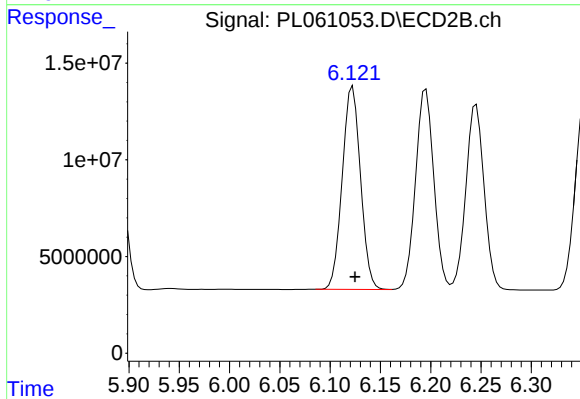
#24 Chlordane-2

R.T.: 5.500 min  
Delta R.T.: 0.024 min  
Response: 144363995  
Conc: 1402.80 ng/ml



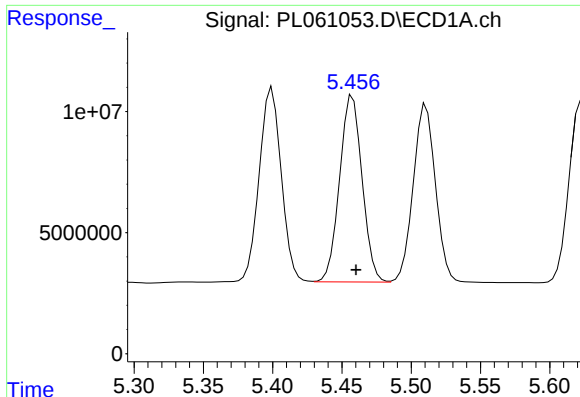
#25 Chlordane-3

R.T.: 5.400 min  
Delta R.T.: -0.003 min  
Response: 88588218  
Conc: 490.84 ng/ml



#25 Chlordane-3

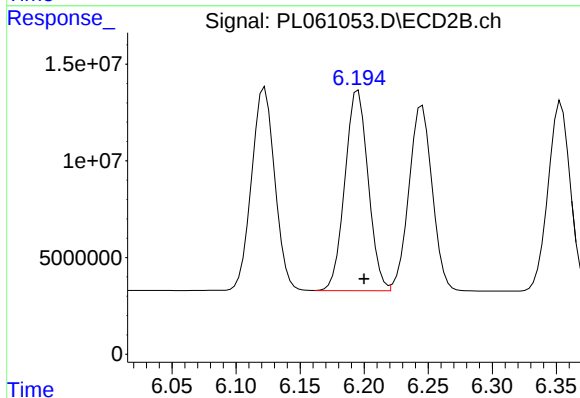
R.T.: 6.122 min  
Delta R.T.: -0.002 min  
Response: 132212049  
Conc: 330.79 ng/ml



#26 Chlordane-4

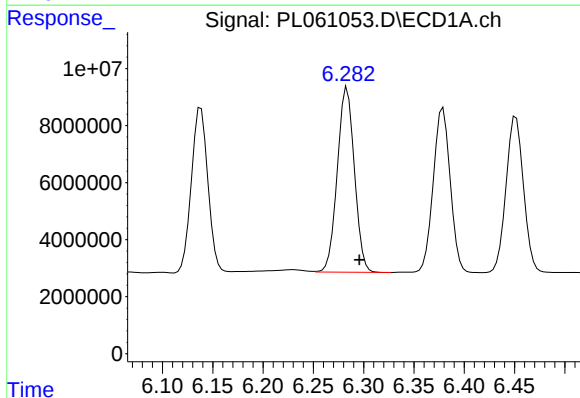
R.T.: 5.458 min  
Delta R.T.: -0.003 min  
Response: 87190064  
Conc: 586.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



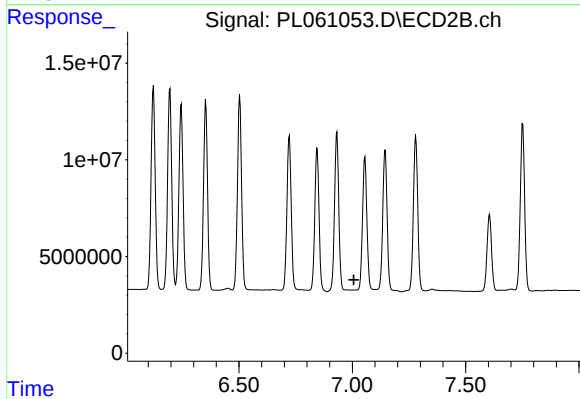
#26 Chlordane-4

R.T.: 6.195 min  
Delta R.T.: -0.004 min  
Response: 130797745  
Conc: 272.08 ng/ml



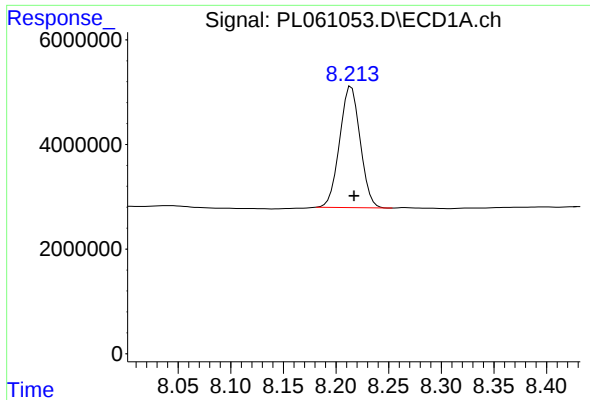
#27 Chlordane-5

R.T.: 6.284 min  
Delta R.T.: -0.012 min  
Response: 76448897  
Conc: 1221.70 ng/ml



#27 Chlordane-5

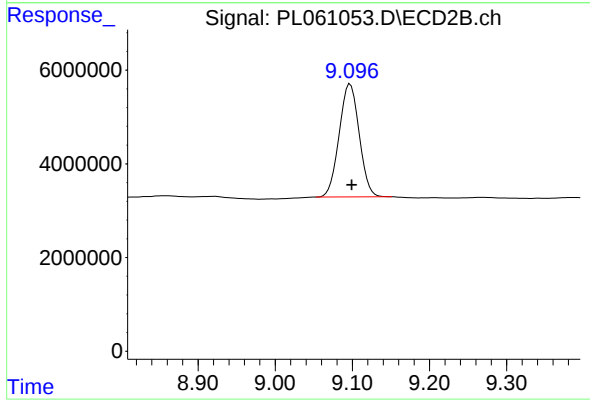
R.T.: 0.000 min  
Exp R.T.: 7.007 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.215 min  
Delta R.T.: -0.003 min  
Response: 31579152  
Conc: 18.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.097 min  
Delta R.T.: -0.002 min  
Response: 43430881  
Conc: 20.58 ng/ml