

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071320\  
 Data File : PL059853.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Jul 2020 15:36  
 Operator : DD\AJ  
 Sample : L3184-06MS  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 13 17:07:01 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071020.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 10 18:52:06 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... | 3.465 | 4.011  | 34451081 | 46547758 | 17.811   | 17.564     |
| 2)                          | SA Decachlor... | 8.228 | 9.102  | 28578901 | 37522204 | 17.372   | 17.941     |
| Target Compounds            |                 |       |        |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.902 | 4.401  | 146.6E6  | 200.6E6  | 51.008   | 51.951     |
| 3)                          | MA gamma-BHC... | 4.185 | 4.686  | 124.5E6  | 183.0E6  | 50.423   | 50.468     |
| 4)                          | MA Heptachlor   | 4.488 | 5.198  | 110.3E6  | 167.0E6  | 49.196   | 49.634     |
| 5)                          | MB Aldrin       | 4.737 | 5.504  | 95277339 | 152.3E6  | 48.285   | 48.891     |
| 6)                          | B beta-BHC      | 4.436 | 4.856  | 53818512 | 82353081 | 52.698   | 54.472     |
| 7)                          | B delta-BHC     | 4.641 | 5.074  | 116.1E6  | 164.8E6  | 52.235   | 52.895     |
| 8)                          | B Heptachlo...  | 5.180 | 5.892  | 91941769 | 142.3E6  | 50.091   | 52.849     |
| 9)                          | A Endosulfan I  | 5.519 | 6.250  | 86107166 | 138.2E6  | 51.185   | 51.818     |
| 10)                         | B gamma-Chl...  | 5.409 | 6.127  | 90760101 | 145.8E6  | 50.029   | 50.908     |
| 11)                         | B alpha-Chl...  | 5.467 | 6.200  | 89134614 | 145.0E6  | 49.429   | 50.706     |
| 12)                         | B 4,4'-DDE      | 5.632 | 6.357  | 82852130 | 136.2E6  | 49.751   | 50.896     |
| 13)                         | MA Dieldrin     | 5.763 | 6.507  | 91194643 | 144.5E6  | 51.682   | 52.247     |
| 14)                         | MA Endrin       | 6.020 | 6.726  | 79123056 | 119.9E6  | 54.359   | 56.318     |
| 15)                         | B Endosulfa...  | 6.294 | 6.935  | 80995853 | 123.3E6  | 48.496   | 49.081     |
| 16)                         | A 4,4'-DDD      | 6.148 | 6.848  | 73772862 | 118.9E6  | 48.327   | 51.816     |
| 17)                         | MA 4,4'-DDT     | 6.390 | 7.148  | 66153225 | 102.5E6  | 50.880   | 52.077     |
| 18)                         | B Endrin al...  | 6.462 | 7.059  | 69509987 | 108.1E6  | 48.725   | 49.783     |
| 19)                         | B Endosulfa...  | 6.675 | 7.284  | 83734194 | 126.5E6  | 50.939   | 54.106     |
| 20)                         | A Methoxychlor  | 6.937 | 7.608  | 38238967 | 58540351 | 51.123   | 51.567     |
| 21)                         | B Endrin ke...  | 7.166 | 7.755  | 96202448 | 135.6E6  | 51.260   | 52.509     |
| 22)                         | Mirex           | 7.356 | 8.212  | 66067753 | 89470257 | 46.439   | 48.409     |
| 24)                         | Chlordane-2     | 0.000 | 5.504f | 0        | 152.3E6  | N.D.     | 1329.107 # |
| 25)                         | Chlordane-3     | 5.409 | 6.127  | 90760101 | 145.8E6  | 536.675  | 376.771 #  |
| 26)                         | Chlordane-4     | 5.467 | 6.200  | 89134614 | 145.0E6  | 638.868  | 313.205 #  |
| 27)                         | Chlordane-5     | 6.294 | 0.000  | 80995853 | 0        | 1427.479 | N.D. #     |
| -----                       |                 |       |        |          |          |          |            |

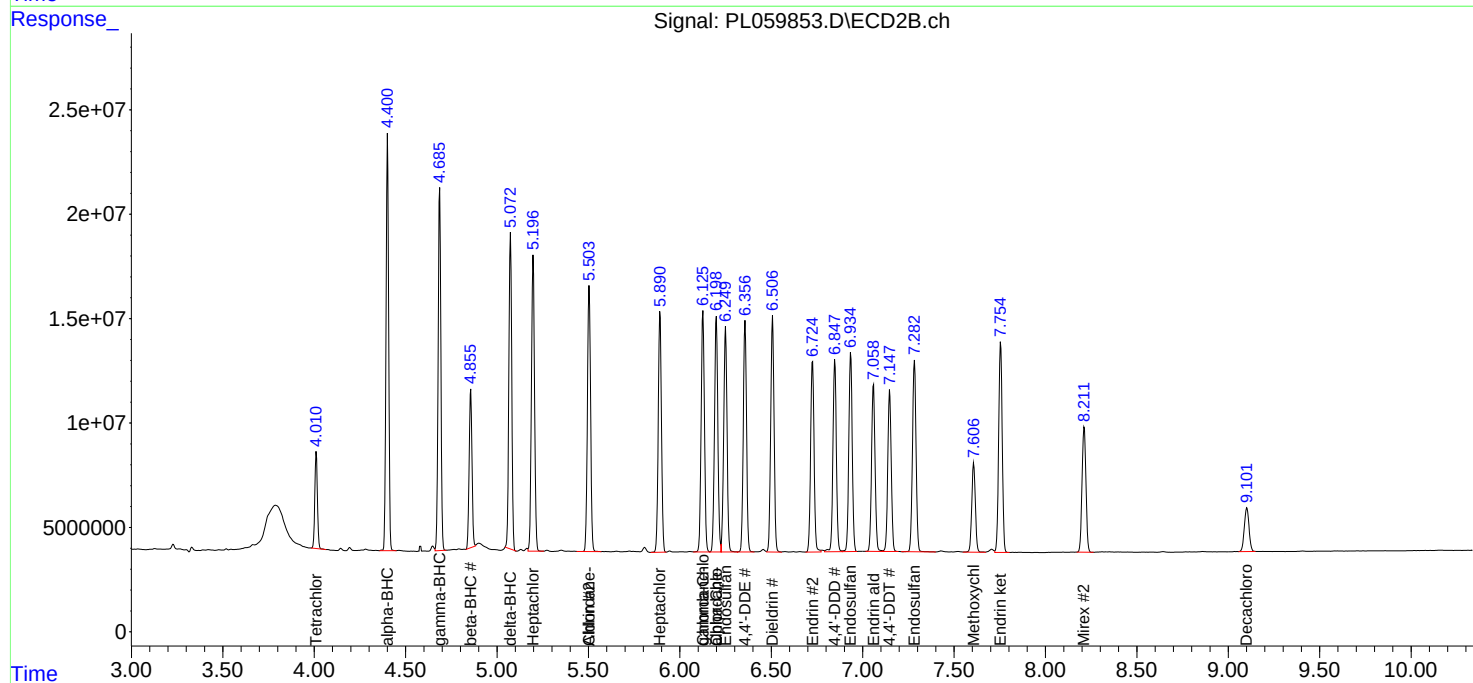
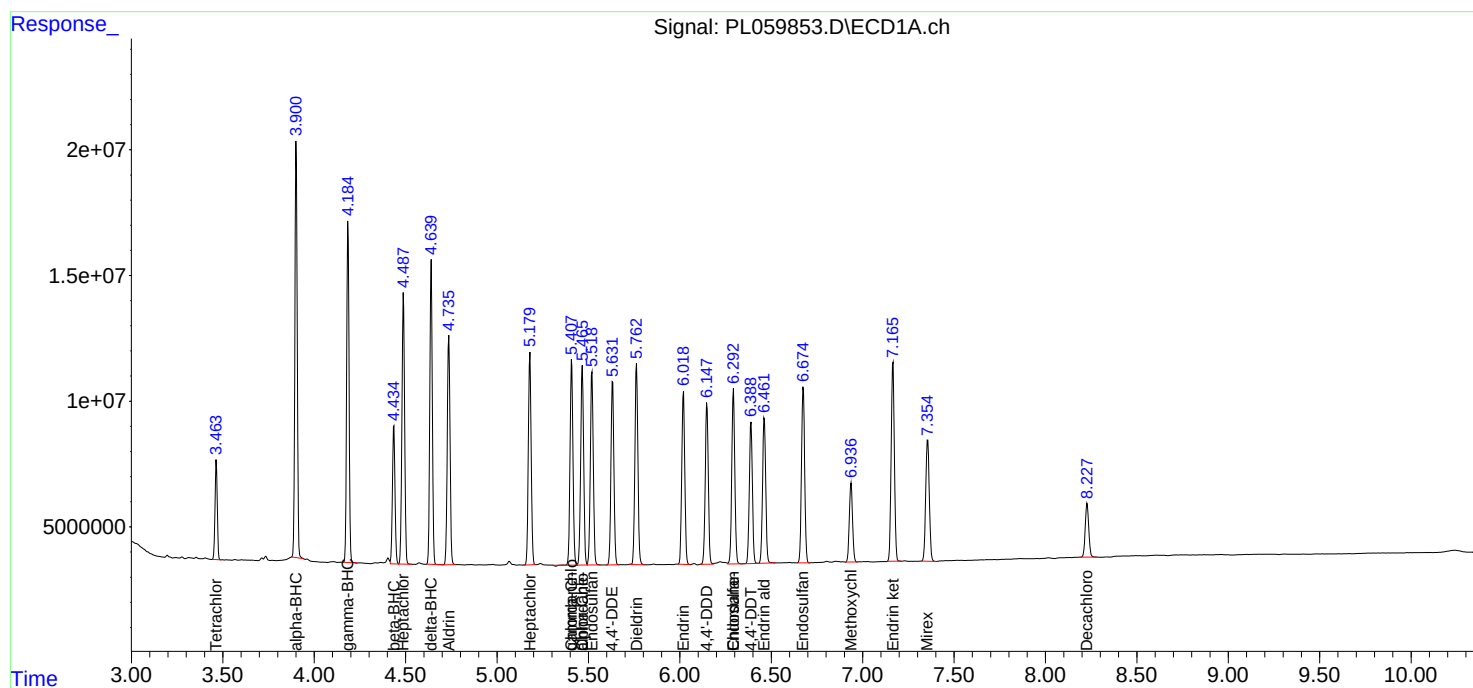
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

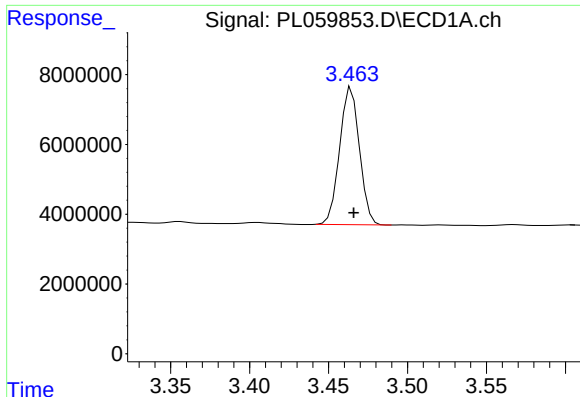
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071320\  
Data File : PL059853.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 13 Jul 2020 15:36  
Operator : DD\AJ  
Sample : L3184-06MS  
Misc :  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jul 13 17:07:01 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL071020.M  
Quant Title : GC Extractables  
QLast Update : Fri Jul 10 18:52:06 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

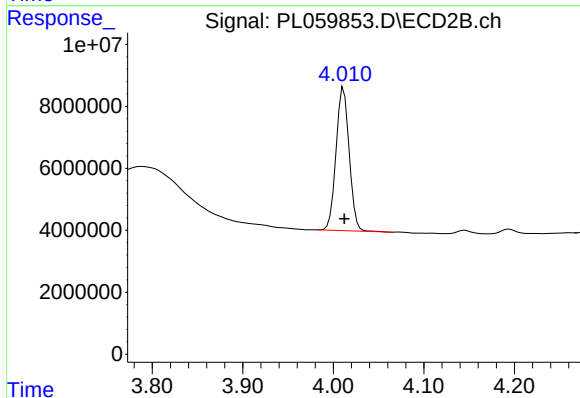




#1 Tetrachloro-m-xylene

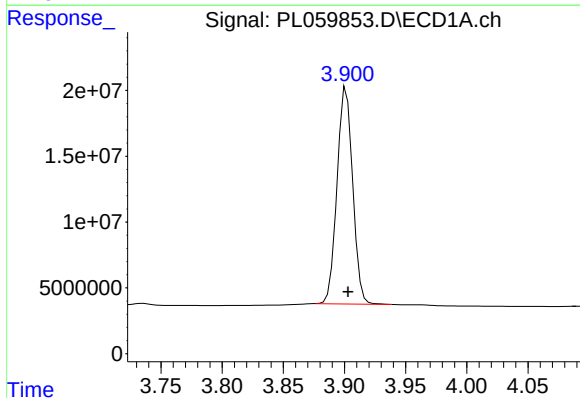
R.T.: 3.465 min  
Delta R.T.: -0.001 min  
Response: 34451081  
Conc: 17.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



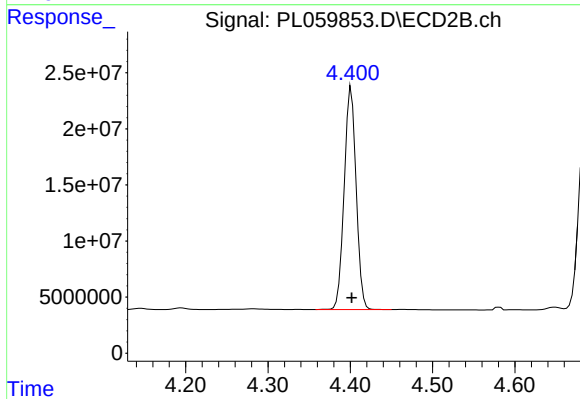
#1 Tetrachloro-m-xylene

R.T.: 4.011 min  
Delta R.T.: 0.000 min  
Response: 46547758  
Conc: 17.56 ng/ml



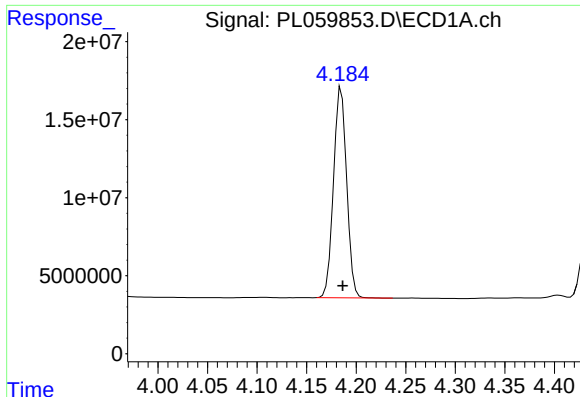
#2 alpha-BHC

R.T.: 3.902 min  
Delta R.T.: -0.001 min  
Response: 146614278  
Conc: 51.01 ng/ml



#2 alpha-BHC

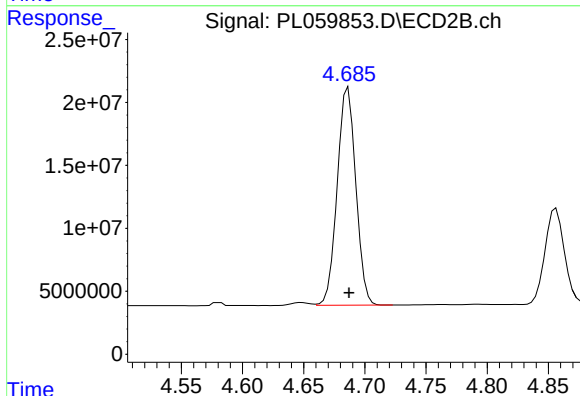
R.T.: 4.401 min  
Delta R.T.: 0.000 min  
Response: 200559755  
Conc: 51.95 ng/ml



#3 gamma-BHC (Lindane)

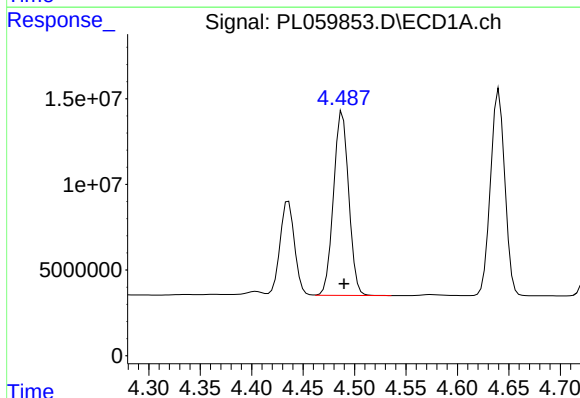
R.T.: 4.185 min  
Delta R.T.: -0.001 min  
Response: 124525232  
Conc: 50.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



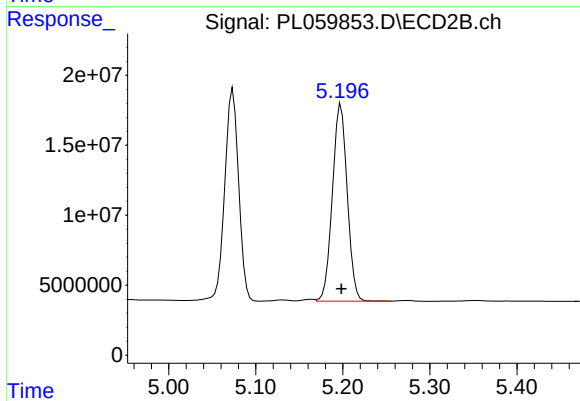
#3 gamma-BHC (Lindane)

R.T.: 4.686 min  
Delta R.T.: 0.000 min  
Response: 183044234  
Conc: 50.47 ng/ml



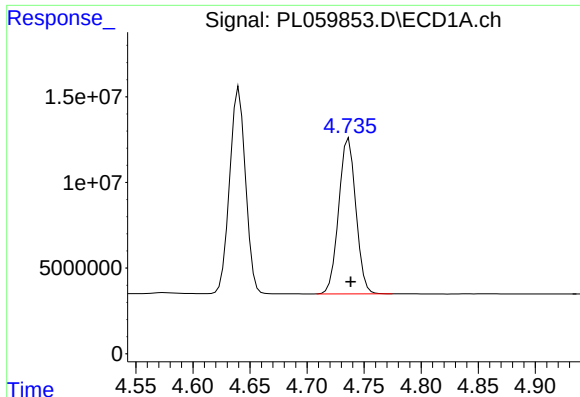
#4 Heptachlor

R.T.: 4.488 min  
Delta R.T.: -0.001 min  
Response: 110334360  
Conc: 49.20 ng/ml



#4 Heptachlor

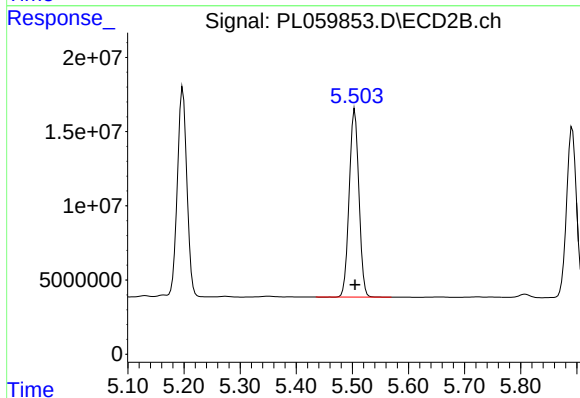
R.T.: 5.198 min  
Delta R.T.: 0.000 min  
Response: 166974263  
Conc: 49.63 ng/ml



#5 Aldrin

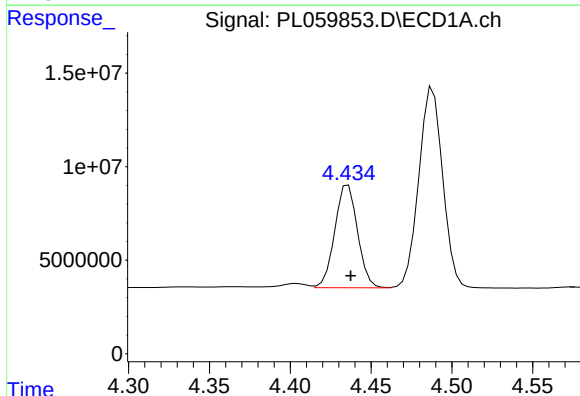
R.T.: 4.737 min  
Delta R.T.: -0.002 min  
Response: 95277339  
Conc: 48.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



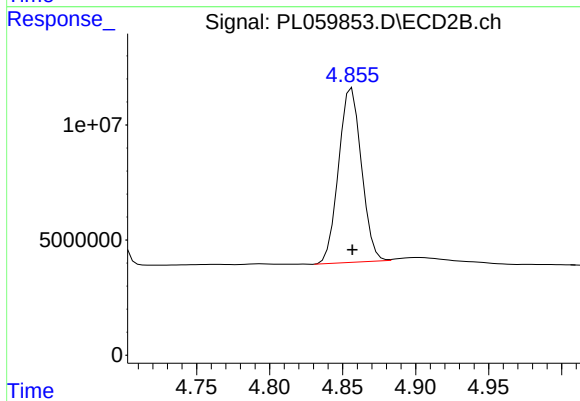
#5 Aldrin

R.T.: 5.504 min  
Delta R.T.: 0.000 min  
Response: 152282665  
Conc: 48.89 ng/ml



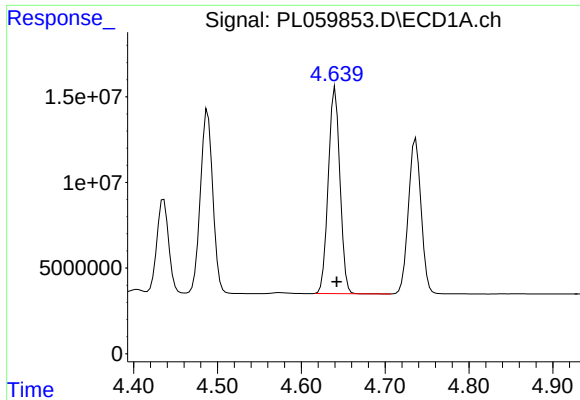
#6 beta-BHC

R.T.: 4.436 min  
Delta R.T.: -0.001 min  
Response: 53818512  
Conc: 52.70 ng/ml



#6 beta-BHC

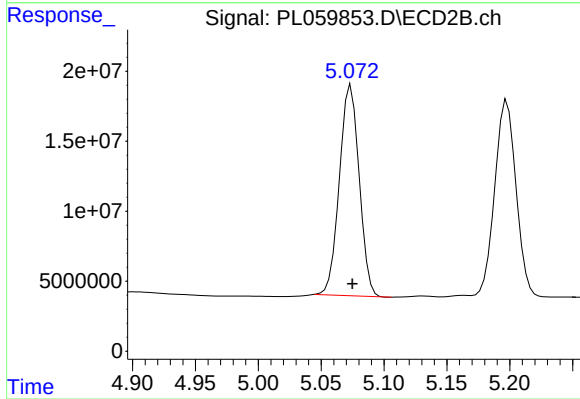
R.T.: 4.856 min  
Delta R.T.: 0.000 min  
Response: 82353081  
Conc: 54.47 ng/ml



#7 delta-BHC

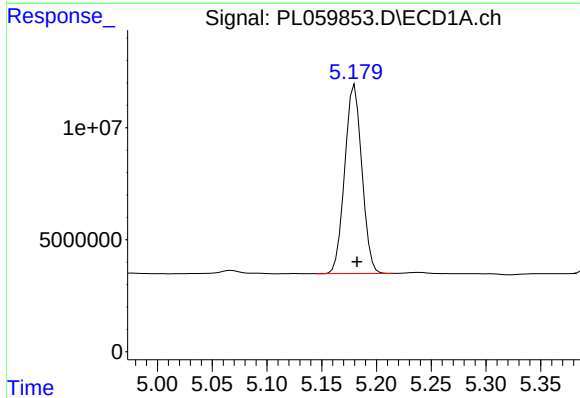
R.T.: 4.641 min  
Delta R.T.: -0.002 min  
Response: 116121354  
Conc: 52.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



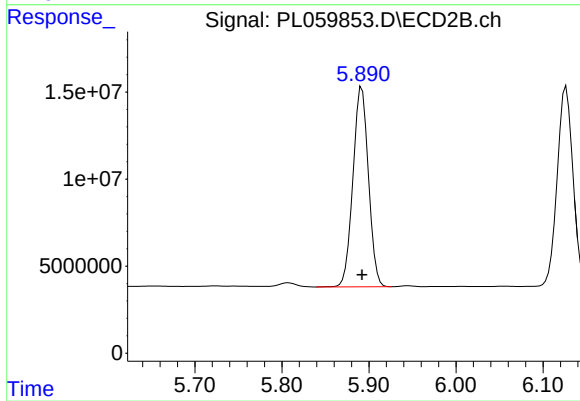
#7 delta-BHC

R.T.: 5.074 min  
Delta R.T.: -0.001 min  
Response: 164803311  
Conc: 52.89 ng/ml



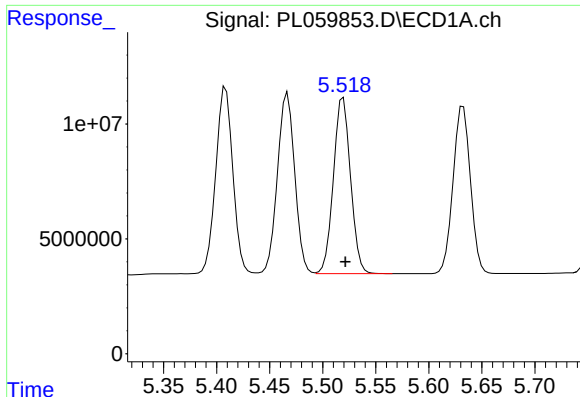
#8 Heptachlor epoxide

R.T.: 5.180 min  
Delta R.T.: -0.002 min  
Response: 91941769  
Conc: 50.09 ng/ml



#8 Heptachlor epoxide

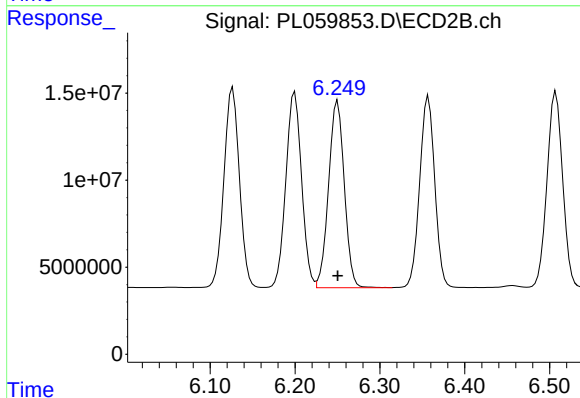
R.T.: 5.892 min  
Delta R.T.: 0.000 min  
Response: 142335582  
Conc: 52.85 ng/ml



#9 Endosulfan I

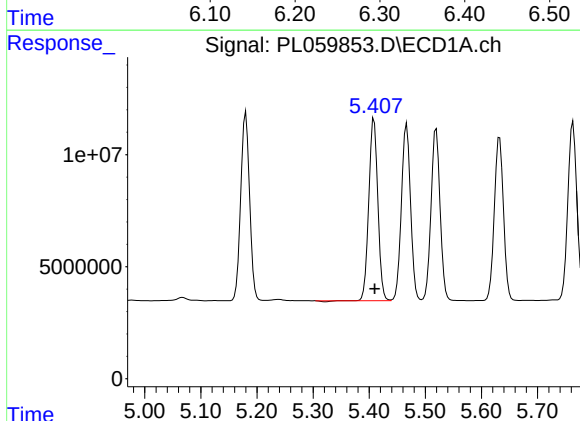
R.T.: 5.519 min  
Delta R.T.: -0.002 min  
Response: 86107166  
Conc: 51.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



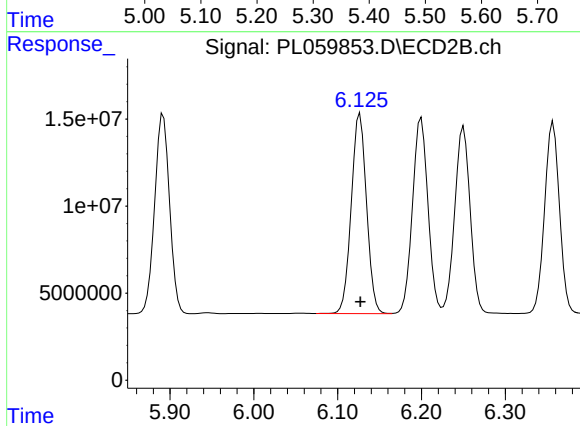
#9 Endosulfan I

R.T.: 6.250 min  
Delta R.T.: 0.000 min  
Response: 138215296  
Conc: 51.82 ng/ml



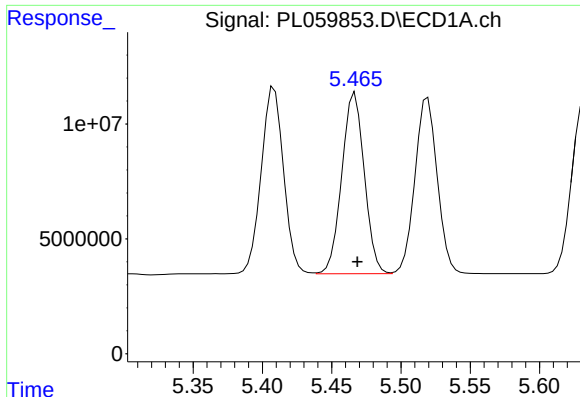
#10 gamma-Chlordane

R.T.: 5.409 min  
Delta R.T.: -0.001 min  
Response: 90760101  
Conc: 50.03 ng/ml



#10 gamma-Chlordane

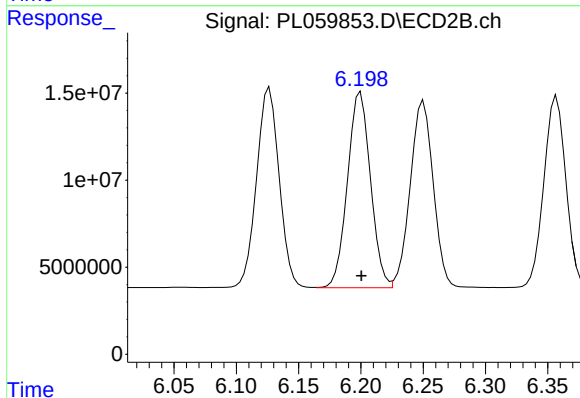
R.T.: 6.127 min  
Delta R.T.: 0.000 min  
Response: 145779358  
Conc: 50.91 ng/ml



#11 alpha-Chlordane

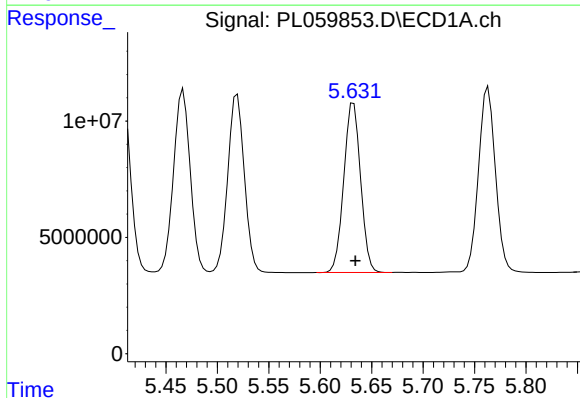
R.T.: 5.467 min  
Delta R.T.: -0.002 min  
Response: 89134614  
Conc: 49.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



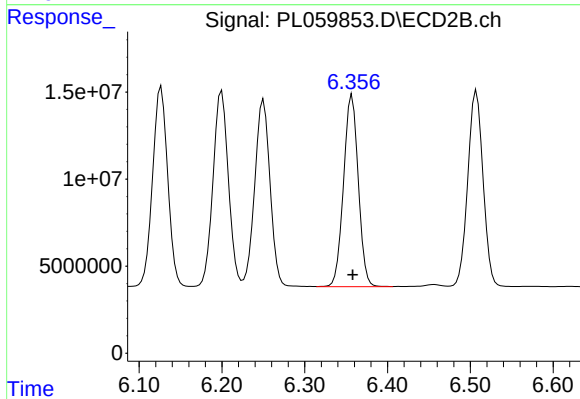
#11 alpha-Chlordane

R.T.: 6.200 min  
Delta R.T.: 0.000 min  
Response: 144982526  
Conc: 50.71 ng/ml



#12 4,4'-DDE

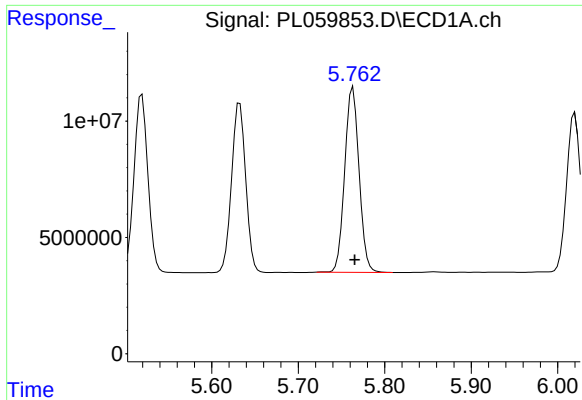
R.T.: 5.632 min  
Delta R.T.: -0.002 min  
Response: 82852130  
Conc: 49.75 ng/ml



#12 4,4'-DDE

R.T.: 6.357 min  
Delta R.T.: 0.000 min  
Response: 136232582  
Conc: 50.90 ng/ml

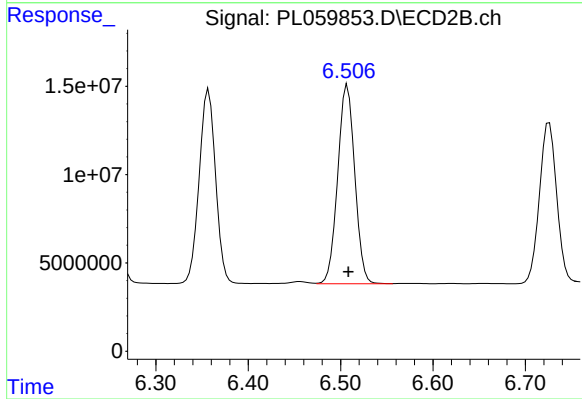




#13 Dieldrin

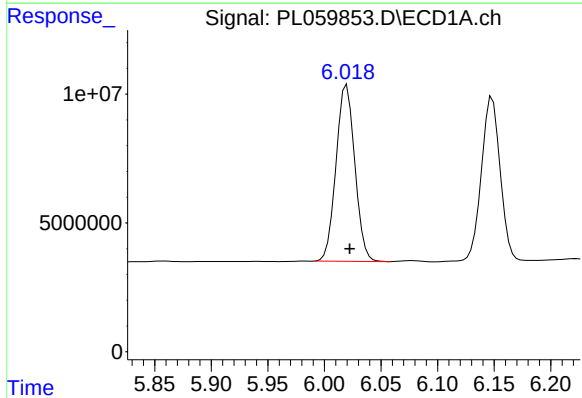
R.T.: 5.763 min  
Delta R.T.: -0.002 min  
Response: 91194643  
Conc: 51.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



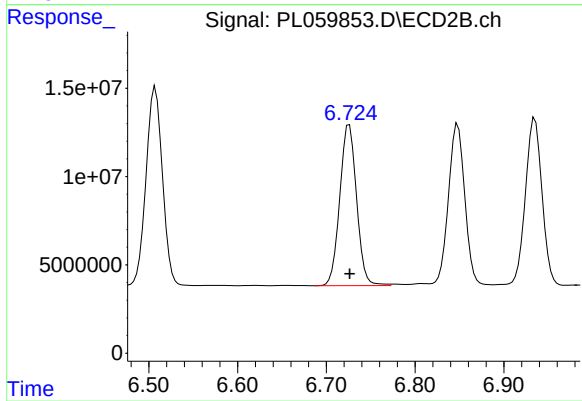
#13 Dieldrin

R.T.: 6.507 min  
Delta R.T.: 0.000 min  
Response: 144528115  
Conc: 52.25 ng/ml



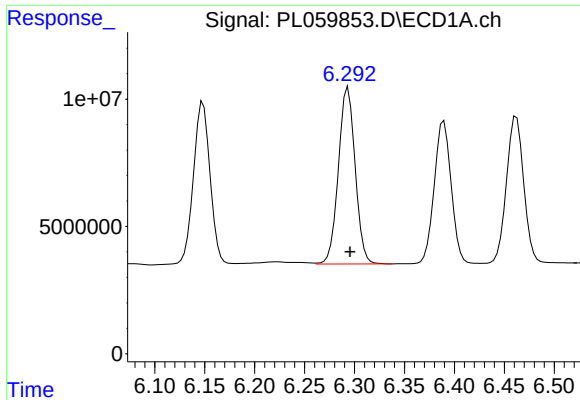
#14 Endrin

R.T.: 6.020 min  
Delta R.T.: -0.003 min  
Response: 79123056  
Conc: 54.36 ng/ml



#14 Endrin

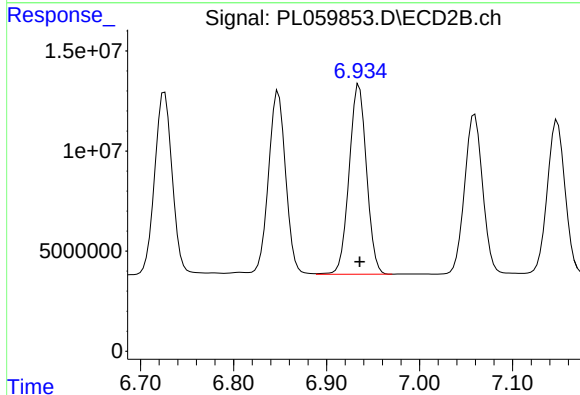
R.T.: 6.726 min  
Delta R.T.: 0.000 min  
Response: 119850629  
Conc: 56.32 ng/ml



#15 Endosulfan II

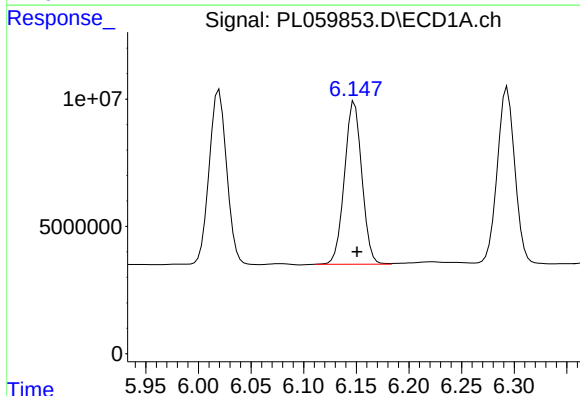
R.T.: 6.294 min  
Delta R.T.: -0.002 min  
Response: 80995853  
Conc: 48.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



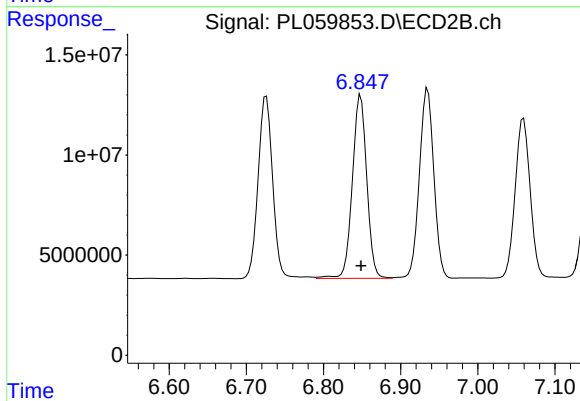
#15 Endosulfan II

R.T.: 6.935 min  
Delta R.T.: 0.000 min  
Response: 123272435  
Conc: 49.08 ng/ml



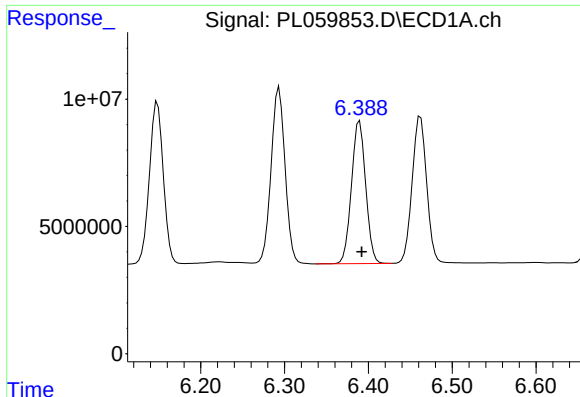
#16 4,4'-DDD

R.T.: 6.148 min  
Delta R.T.: -0.002 min  
Response: 73772862  
Conc: 48.33 ng/ml



#16 4,4'-DDD

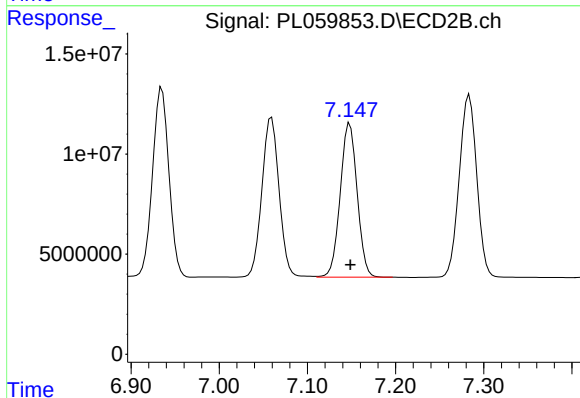
R.T.: 6.848 min  
Delta R.T.: 0.000 min  
Response: 118943331  
Conc: 51.82 ng/ml



#17 4,4'-DDT

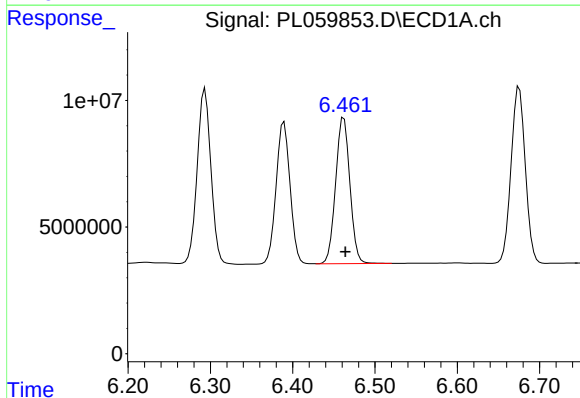
R.T.: 6.390 min  
Delta R.T.: -0.002 min  
Response: 66153225  
Conc: 50.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



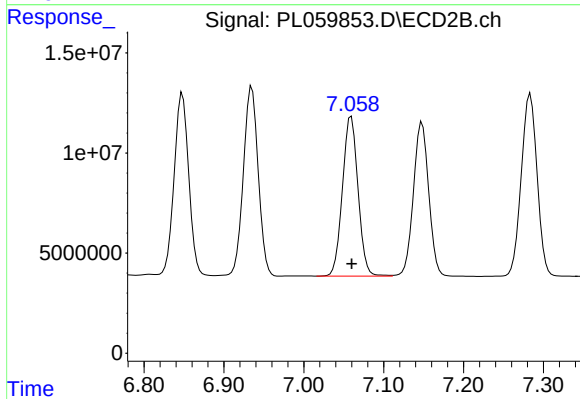
#17 4,4'-DDT

R.T.: 7.148 min  
Delta R.T.: 0.000 min  
Response: 102541886  
Conc: 52.08 ng/ml



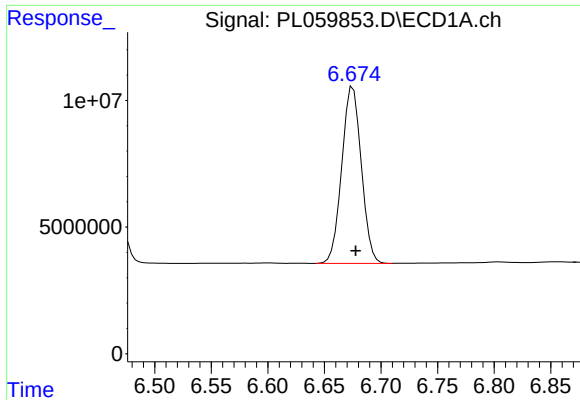
#18 Endrin aldehyde

R.T.: 6.462 min  
Delta R.T.: -0.002 min  
Response: 69509987  
Conc: 48.73 ng/ml



#18 Endrin aldehyde

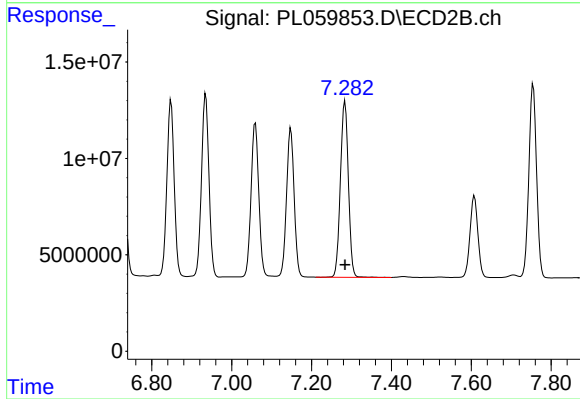
R.T.: 7.059 min  
Delta R.T.: 0.000 min  
Response: 108120454  
Conc: 49.78 ng/ml



#19 Endosulfan Sulfate

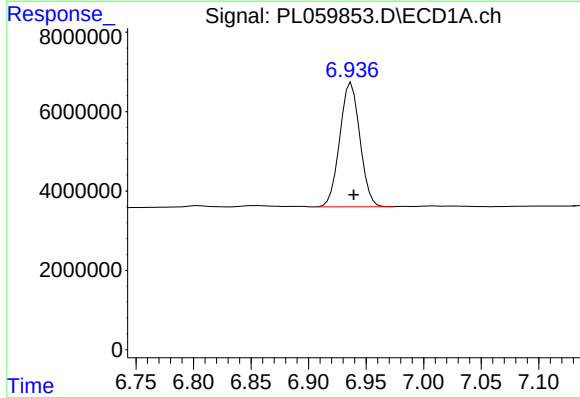
R.T.: 6.675 min  
Delta R.T.: -0.003 min  
Response: 83734194  
Conc: 50.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



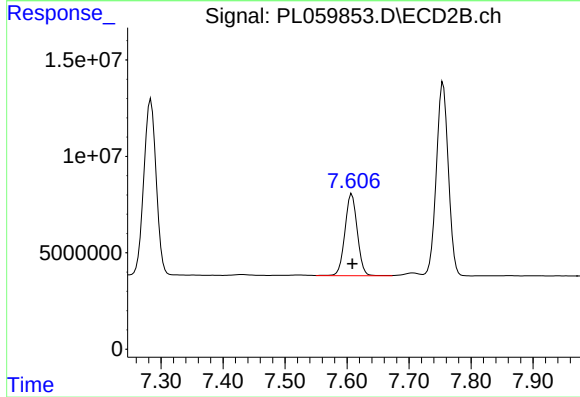
#19 Endosulfan Sulfate

R.T.: 7.284 min  
Delta R.T.: 0.000 min  
Response: 126548491  
Conc: 54.11 ng/ml



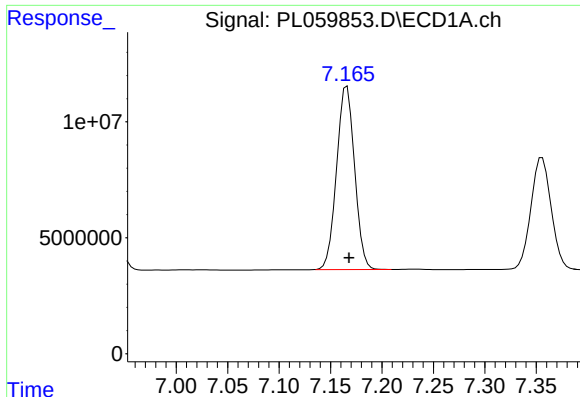
#20 Methoxychlor

R.T.: 6.937 min  
Delta R.T.: -0.002 min  
Response: 38238967  
Conc: 51.12 ng/ml



#20 Methoxychlor

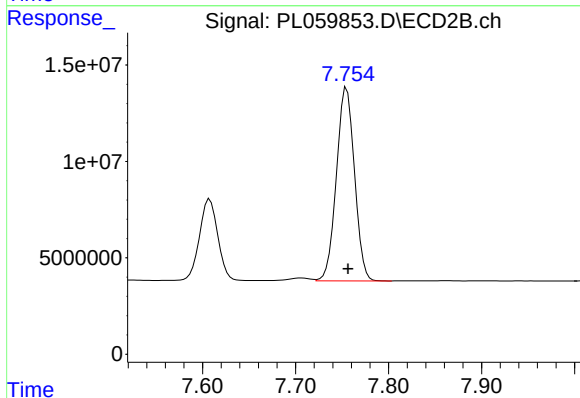
R.T.: 7.608 min  
Delta R.T.: 0.000 min  
Response: 58540351  
Conc: 51.57 ng/ml



#21 Endrin ketone

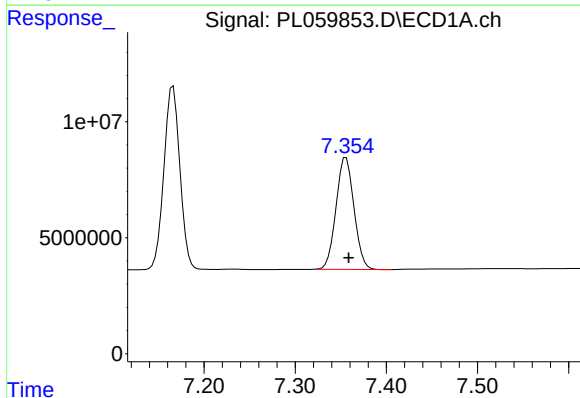
R.T.: 7.166 min  
Delta R.T.: -0.002 min  
Response: 96202448  
Conc: 51.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



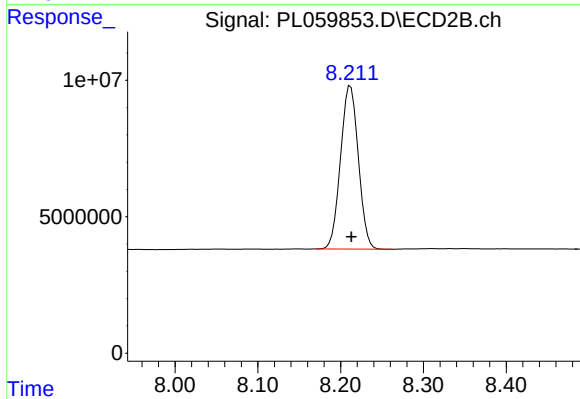
#21 Endrin ketone

R.T.: 7.755 min  
Delta R.T.: -0.001 min  
Response: 135616008  
Conc: 52.51 ng/ml



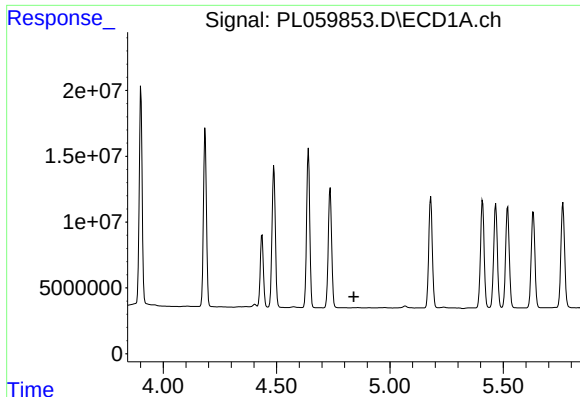
#22 Mirex

R.T.: 7.356 min  
Delta R.T.: -0.003 min  
Response: 66067753  
Conc: 46.44 ng/ml



#22 Mirex

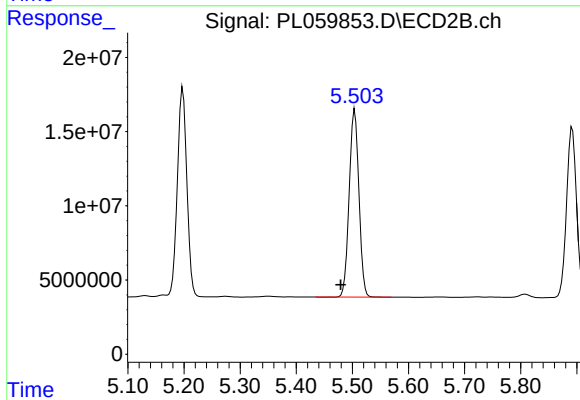
R.T.: 8.212 min  
Delta R.T.: 0.000 min  
Response: 89470257  
Conc: 48.41 ng/ml



#24 Chlordane-2

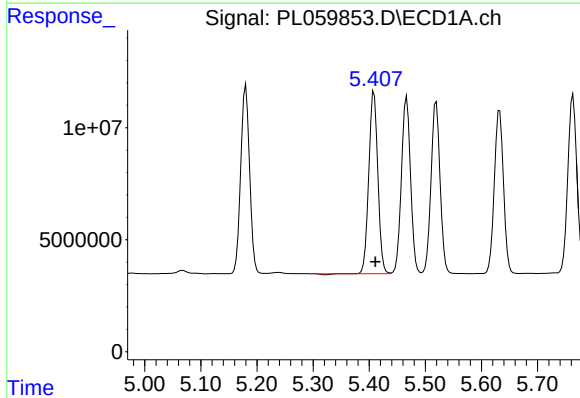
R.T.: 0.000 min  
Exp R.T.: 4.840 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



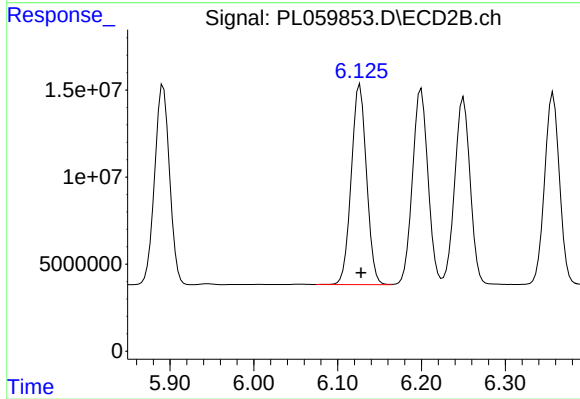
#24 Chlordane-2

R.T.: 5.504 min  
Delta R.T.: 0.025 min  
Response: 152282665  
Conc: 1329.11 ng/ml



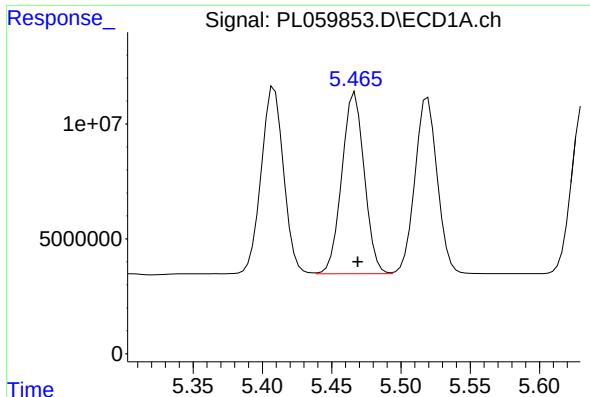
#25 Chlordane-3

R.T.: 5.409 min  
Delta R.T.: -0.002 min  
Response: 90760101  
Conc: 536.68 ng/ml



#25 Chlordane-3

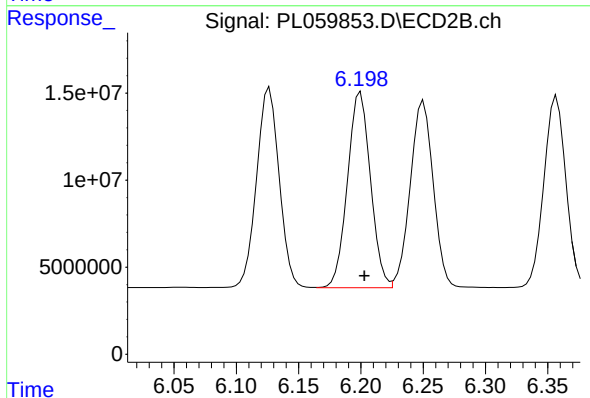
R.T.: 6.127 min  
Delta R.T.: -0.001 min  
Response: 145779358  
Conc: 376.77 ng/ml



#26 Chlordane-4

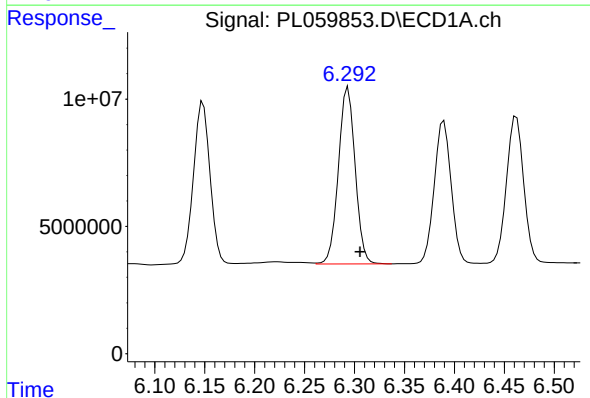
R.T.: 5.467 min  
Delta R.T.: -0.002 min  
Response: 89134614  
Conc: 638.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



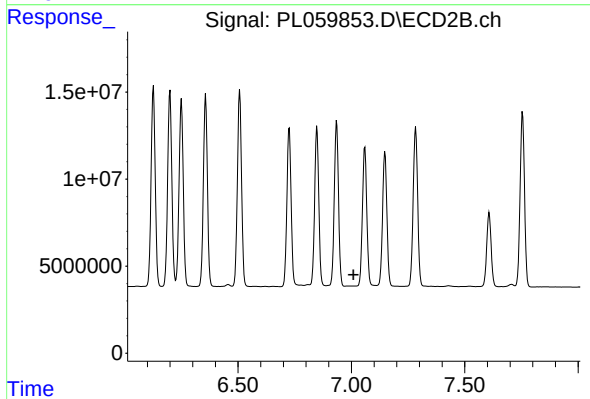
#26 Chlordane-4

R.T.: 6.200 min  
Delta R.T.: -0.003 min  
Response: 144982526  
Conc: 313.21 ng/ml



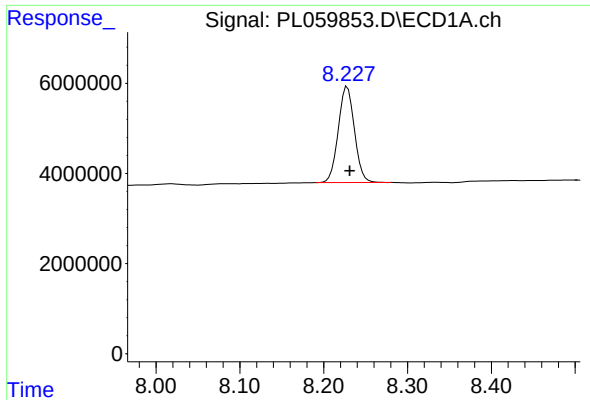
#27 Chlordane-5

R.T.: 6.294 min  
Delta R.T.: -0.012 min  
Response: 80995853  
Conc: 1427.48 ng/ml



#27 Chlordane-5

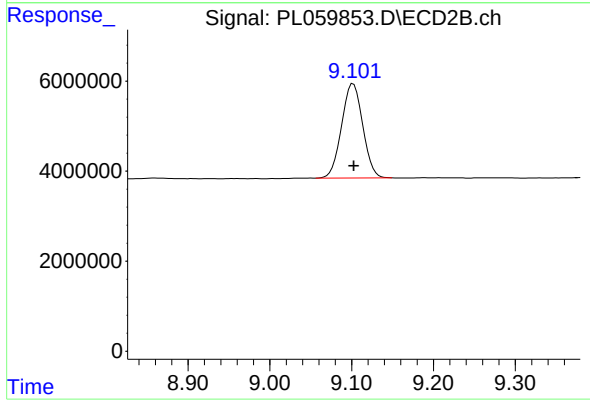
R.T.: 0.000 min  
Exp R.T.: 7.010 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.228 min  
Delta R.T.: -0.003 min  
Response: 28578901  
Conc: 17.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.102 min  
Delta R.T.: 0.000 min  
Response: 37522204  
Conc: 17.94 ng/ml