

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020420\  
 Data File : PL056330.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Feb 2020 19:34  
 Operator : AJ\MA  
 Sample : PB126561BS  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB126561BS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 05 03:21:08 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012820.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 28 13:10:37 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... | 3.498 | 4.017  | 187.1E6 | 59963148 | 17.869   | 20.507     |
| 28)                         | SA Decachlor... | 8.252 | 9.093  | 146.0E6 | 35631424 | 13.864   | 15.753     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.937 | 4.406  | 857.4E6 | 231.1E6  | 48.113   | 52.794     |
| 3)                          | MA gamma-BHC... | 4.220 | 4.691  | 809.8E6 | 214.9E6  | 49.454   | 52.413     |
| 4)                          | MA Heptachlor   | 4.522 | 5.198  | 772.0E6 | 185.7E6  | 48.084   | 51.896     |
| 5)                          | MB Aldrin       | 4.771 | 5.504  | 750.0E6 | 174.7E6  | 46.107   | 49.707     |
| 6)                          | B beta-BHC      | 4.471 | 4.863  | 312.0E6 | 85730397 | 47.361   | 52.292     |
| 7)                          | B delta-BHC     | 4.676 | 5.080  | 722.7E6 | 165.0E6  | 45.075   | 51.445     |
| 8)                          | B Heptachlo...  | 5.214 | 5.891  | 744.5E6 | 162.8E6  | 48.407   | 52.305     |
| 9)                          | A Endosulfan I  | 5.554 | 6.249  | 683.0E6 | 154.3E6  | 47.063   | 51.574     |
| 10)                         | B gamma-Chl...  | 5.441 | 6.126  | 741.3E6 | 160.8E6  | 47.266   | 50.572     |
| 11)                         | B alpha-Chl...  | 5.500 | 6.198  | 722.2E6 | 161.1E6  | 46.951   | 50.813     |
| 12)                         | B 4,4'-DDE      | 5.662 | 6.356  | 661.7E6 | 149.6E6  | 45.658   | 49.949     |
| 13)                         | MA Dieldrin     | 5.797 | 6.506  | 712.7E6 | 162.1E6  | 46.341   | 52.239     |
| 14)                         | MA Endrin       | 6.055 | 6.725  | 614.8E6 | 132.5E6  | 43.756   | 50.566     |
| 15)                         | B Endosulfa...  | 6.328 | 6.935  | 581.1E6 | 137.4E6  | 44.430   | 51.048     |
| 16)                         | A 4,4'-DDD      | 6.179 | 6.849  | 519.5E6 | 127.4E6  | 48.330   | 54.007     |
| 17)                         | MA 4,4'-DDT     | 6.419 | 7.147  | 483.2E6 | 108.3E6  | 44.211   | 47.194     |
| 18)                         | B Endrin al...  | 6.495 | 7.059  | 501.7E6 | 113.3E6  | 45.854   | 49.894     |
| 19)                         | B Endosulfa...  | 6.708 | 7.284  | 539.9E6 | 123.5E6  | 44.404   | 48.806     |
| 20)                         | A Methoxychlor  | 6.963 | 7.607  | 241.7E6 | 58972430 | 45.502   | 48.098     |
| 21)                         | B Endrin ke...  | 7.200 | 7.756  | 592.9E6 | 136.4E6  | 45.312   | 51.145     |
| 22)                         | Mirex           | 7.390 | 8.210  | 342.2E6 | 77731779 | 37.037   | 42.761     |
| 24)                         | Chlordane-2     | 0.000 | 5.504f | 0       | 174.7E6  | N.D.     | 1768.791 # |
| 25)                         | Chlordane-3     | 5.441 | 6.126  | 741.3E6 | 160.8E6  | 587.131  | 427.919 #  |
| 26)                         | Chlordane-4     | 5.500 | 6.198  | 722.2E6 | 161.1E6  | 667.485  | 366.588 #  |
| 27)                         | Chlordane-5     | 6.328 | 0.000  | 581.1E6 | 0        | 1400.744 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

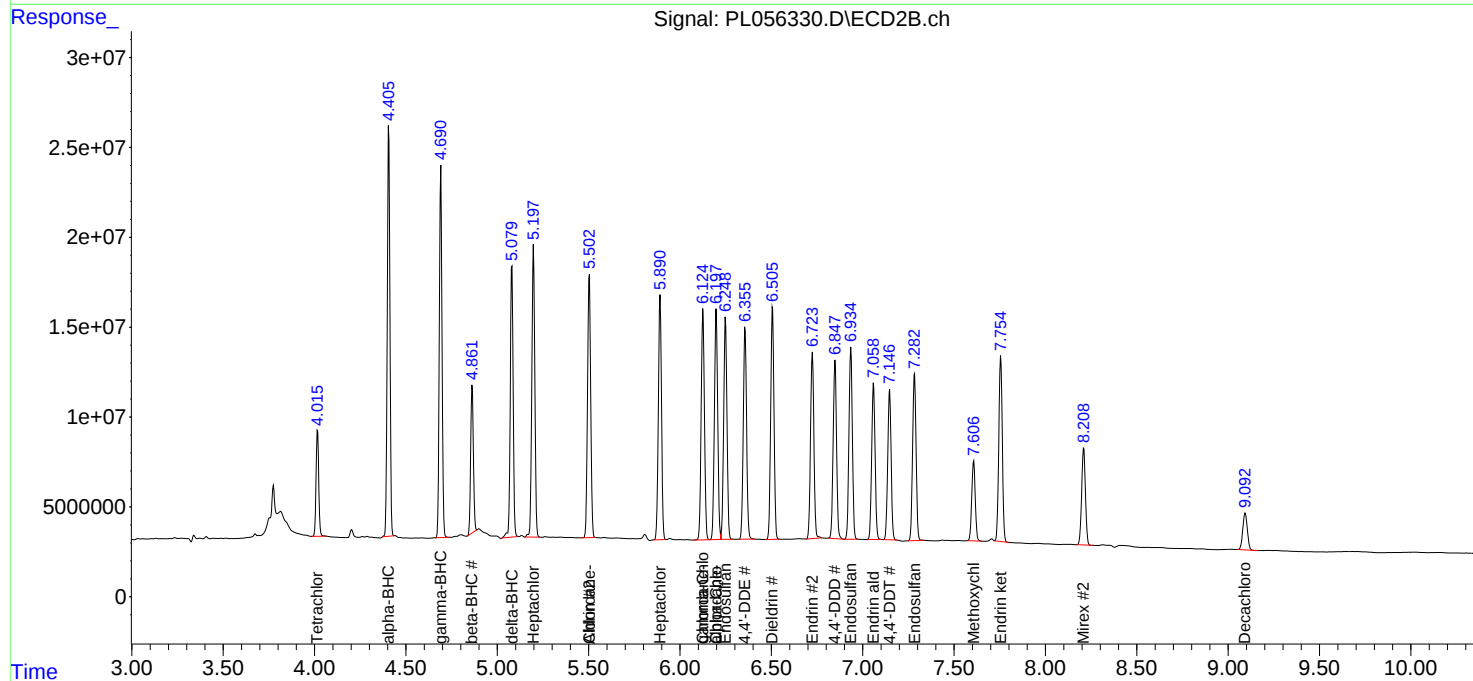
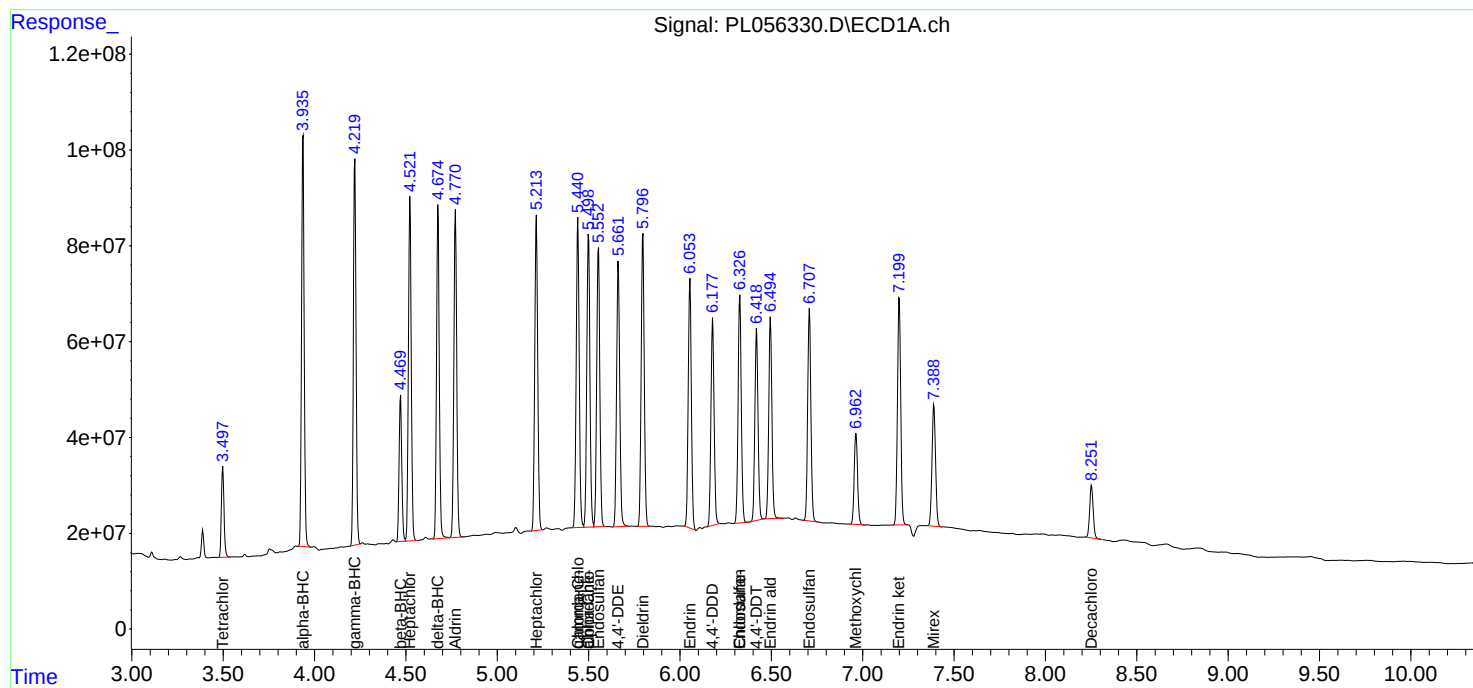
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

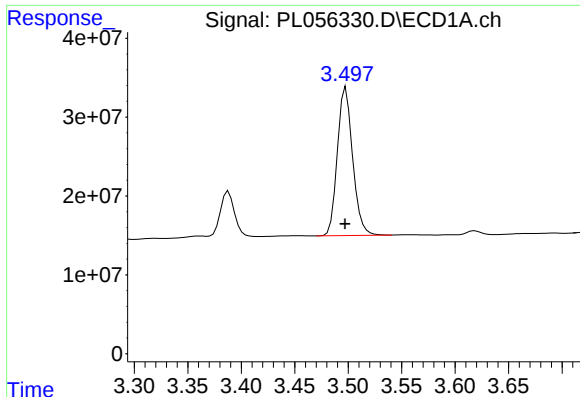
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL020420\  
Data File : PL056330.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Feb 2020 19:34  
Operator : AJ\MA  
Sample : PB126561BS  
Misc :  
ALS Vial : 30 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
PB126561BS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 05 03:21:08 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012820.M  
Quant Title : GC Extractables  
QLast Update : Tue Jan 28 13:10:37 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

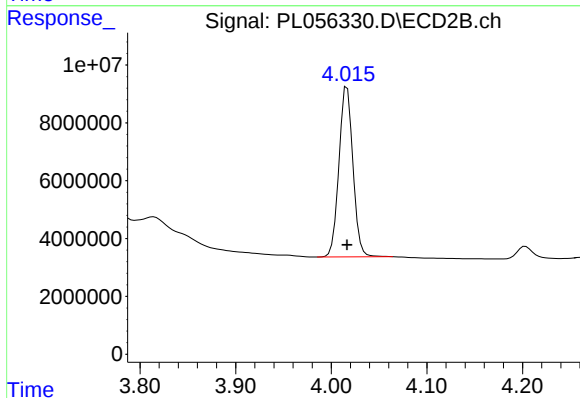




#1 Tetrachloro-m-xylene

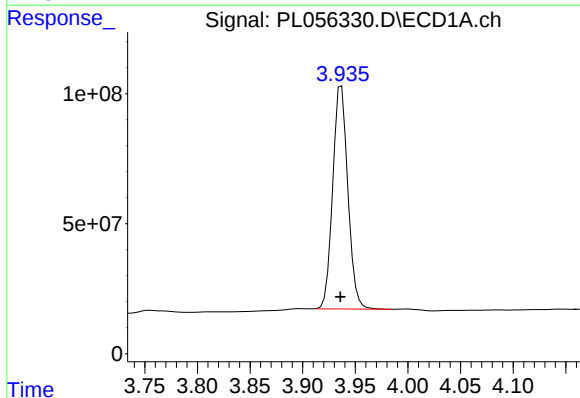
R.T.: 3.498 min  
Delta R.T.: 0.000 min  
Response: 187142161  
Conc: 17.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126561BS



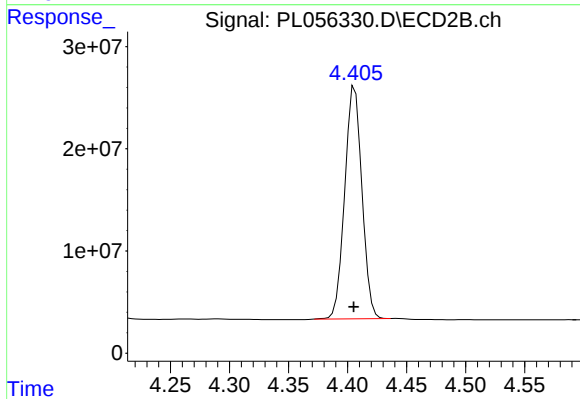
#1 Tetrachloro-m-xylene

R.T.: 4.017 min  
Delta R.T.: 0.000 min  
Response: 59963148  
Conc: 20.51 ng/ml



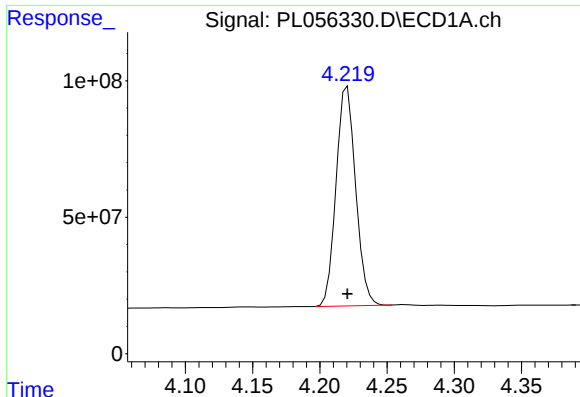
#2 alpha-BHC

R.T.: 3.937 min  
Delta R.T.: 0.000 min  
Response: 857387724  
Conc: 48.11 ng/ml



#2 alpha-BHC

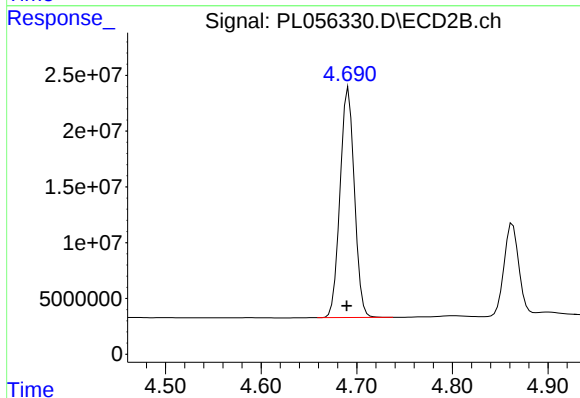
R.T.: 4.406 min  
Delta R.T.: 0.000 min  
Response: 231089256  
Conc: 52.79 ng/ml



#3 gamma-BHC (Lindane)

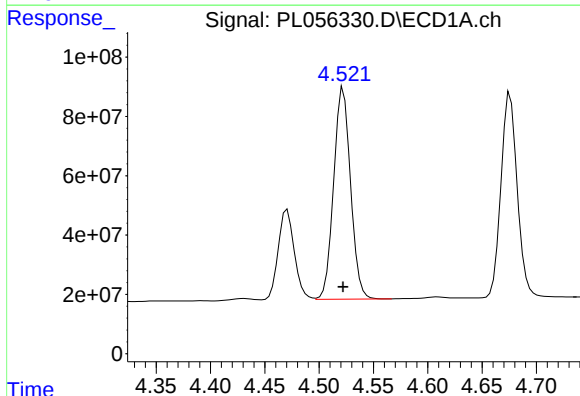
R.T.: 4.220 min  
Delta R.T.: 0.000 min  
Response: 809754157  
Conc: 49.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126561BS



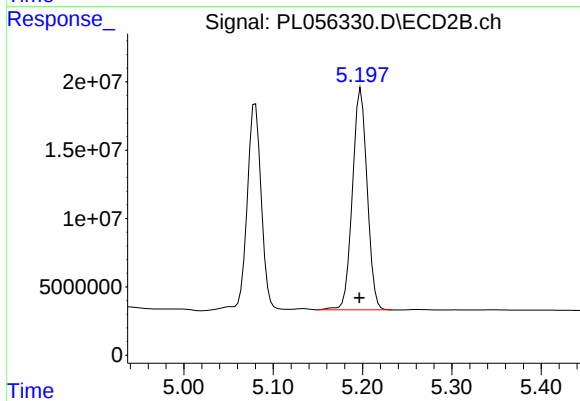
#3 gamma-BHC (Lindane)

R.T.: 4.691 min  
Delta R.T.: 0.002 min  
Response: 214932230  
Conc: 52.41 ng/ml



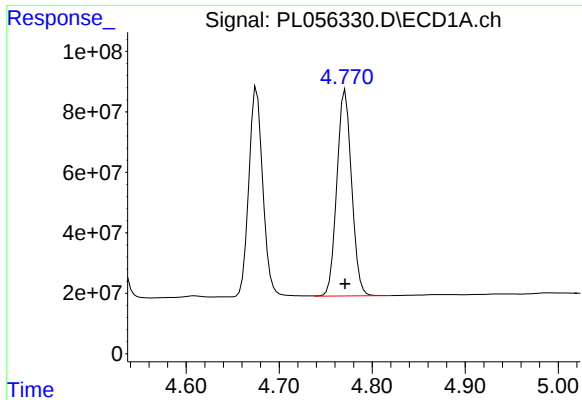
#4 Heptachlor

R.T.: 4.522 min  
Delta R.T.: 0.000 min  
Response: 771978957  
Conc: 48.08 ng/ml



#4 Heptachlor

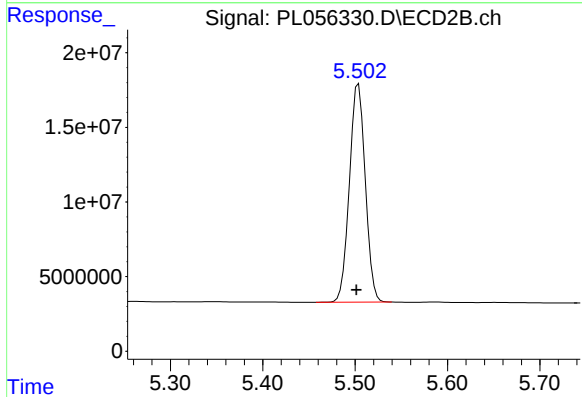
R.T.: 5.198 min  
Delta R.T.: 0.002 min  
Response: 185670466  
Conc: 51.90 ng/ml



#5 Aldrin

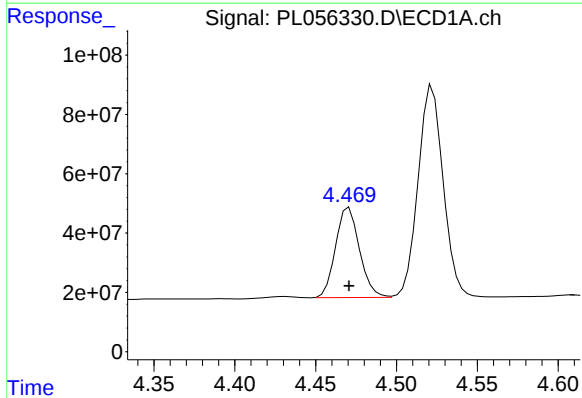
R.T.: 4.771 min  
Delta R.T.: 0.000 min  
Response: 750031792  
Conc: 46.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126561BS



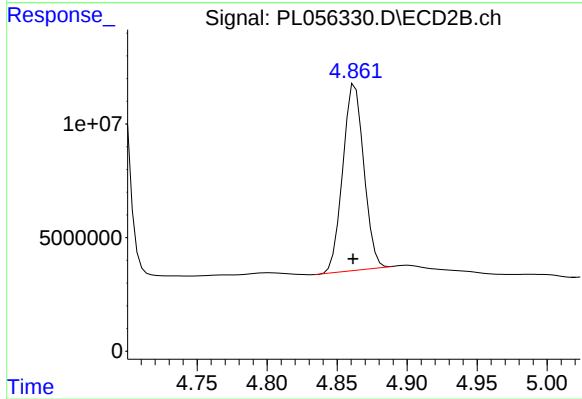
#5 Aldrin

R.T.: 5.504 min  
Delta R.T.: 0.002 min  
Response: 174699681  
Conc: 49.71 ng/ml



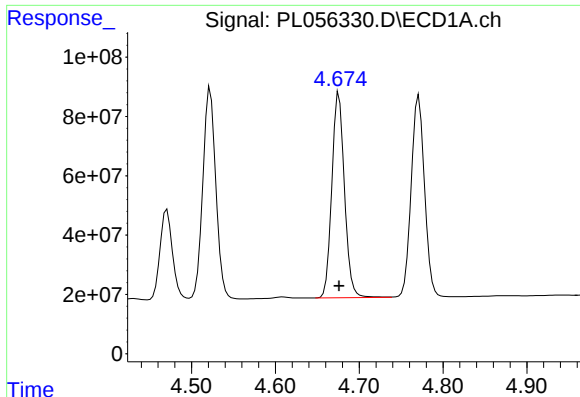
#6 beta-BHC

R.T.: 4.471 min  
Delta R.T.: 0.000 min  
Response: 311959883  
Conc: 47.36 ng/ml



#6 beta-BHC

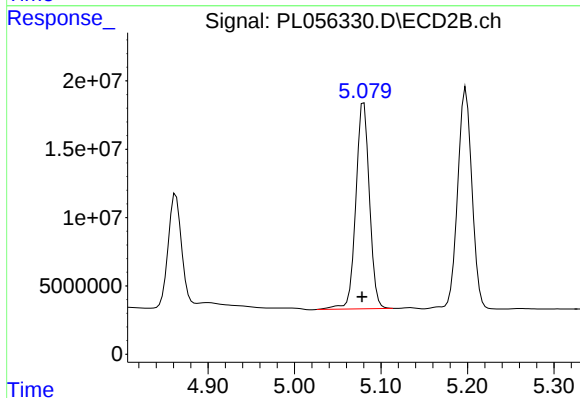
R.T.: 4.863 min  
Delta R.T.: 0.001 min  
Response: 85730397  
Conc: 52.29 ng/ml



#7 delta-BHC

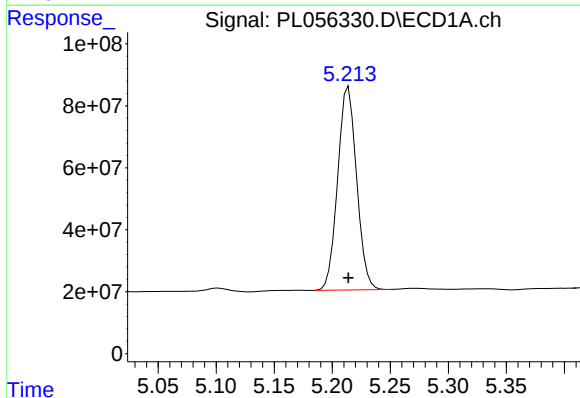
R.T.: 4.676 min  
Delta R.T.: 0.000 min  
Response: 722654173  
Conc: 45.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126561BS



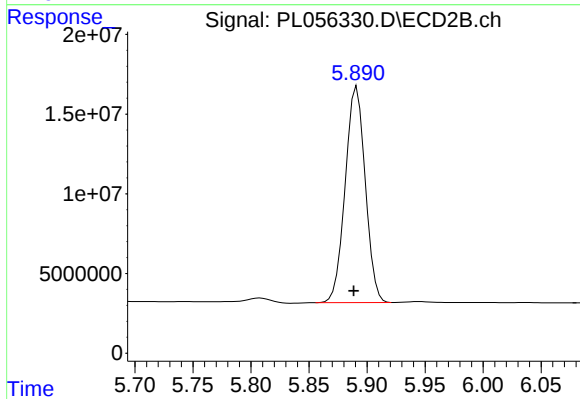
#7 delta-BHC

R.T.: 5.080 min  
Delta R.T.: 0.002 min  
Response: 164991373  
Conc: 51.45 ng/ml



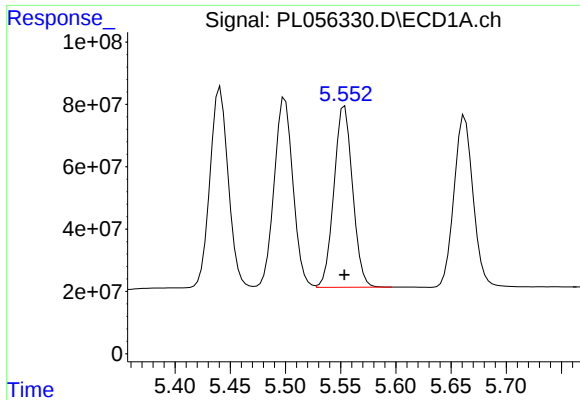
#8 Heptachlor epoxide

R.T.: 5.214 min  
Delta R.T.: 0.000 min  
Response: 744528776  
Conc: 48.41 ng/ml



#8 Heptachlor epoxide

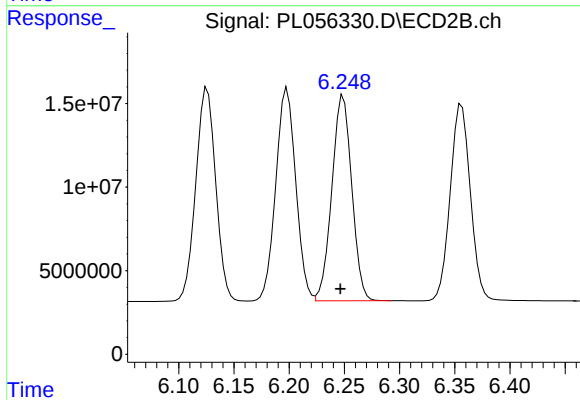
R.T.: 5.891 min  
Delta R.T.: 0.003 min  
Response: 162802021  
Conc: 52.30 ng/ml



#9 Endosulfan I

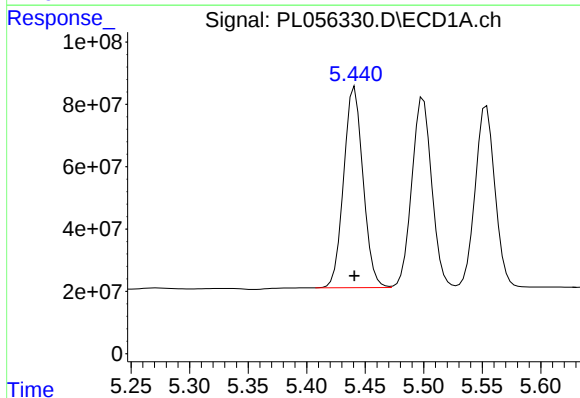
R.T.: 5.554 min  
Delta R.T.: 0.000 min  
Response: 682953891  
Conc: 47.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126561BS



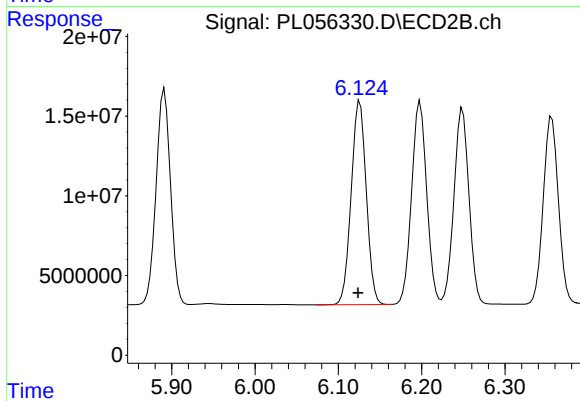
#9 Endosulfan I

R.T.: 6.249 min  
Delta R.T.: 0.003 min  
Response: 154348869  
Conc: 51.57 ng/ml



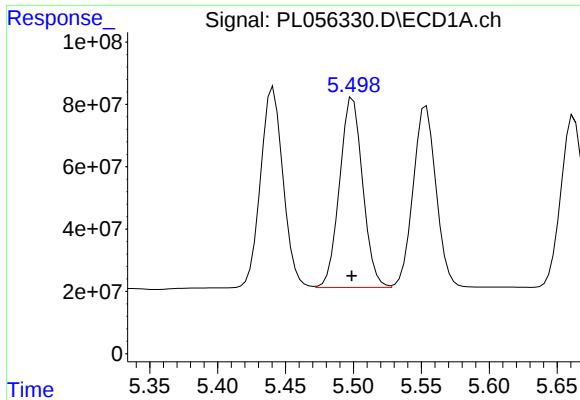
#10 gamma-Chlordane

R.T.: 5.441 min  
Delta R.T.: 0.000 min  
Response: 741277367  
Conc: 47.27 ng/ml



#10 gamma-Chlordane

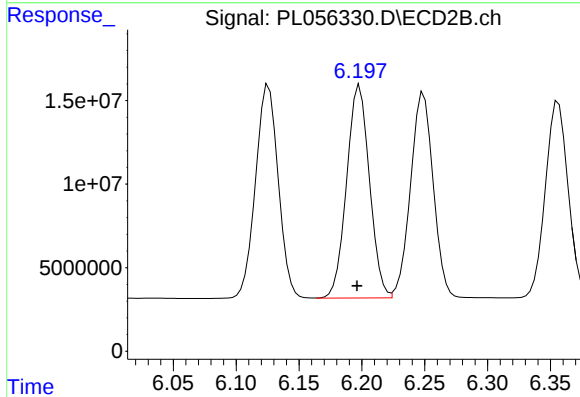
R.T.: 6.126 min  
Delta R.T.: 0.002 min  
Response: 160827187  
Conc: 50.57 ng/ml



#11 alpha-Chlordane

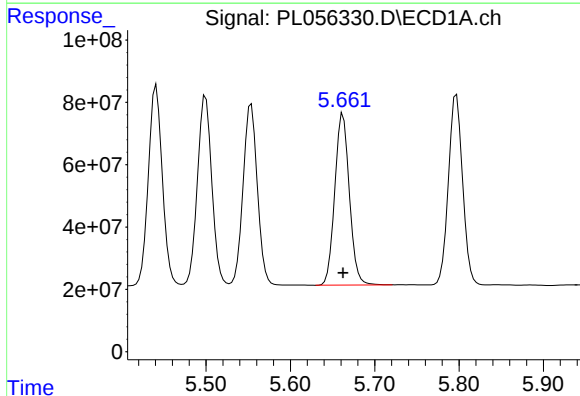
R.T.: 5.500 min  
Delta R.T.: 0.000 min  
Response: 722244396  
Conc: 46.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126561BS



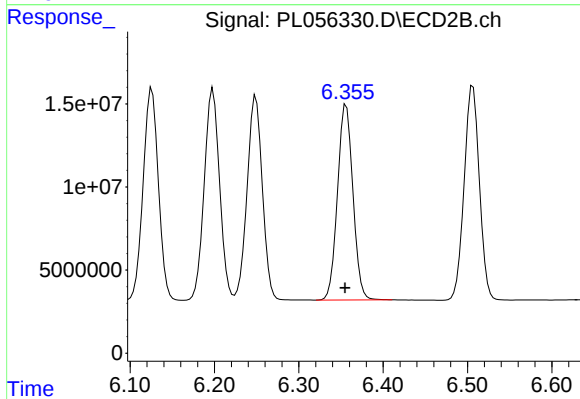
#11 alpha-Chlordane

R.T.: 6.198 min  
Delta R.T.: 0.002 min  
Response: 161062547  
Conc: 50.81 ng/ml



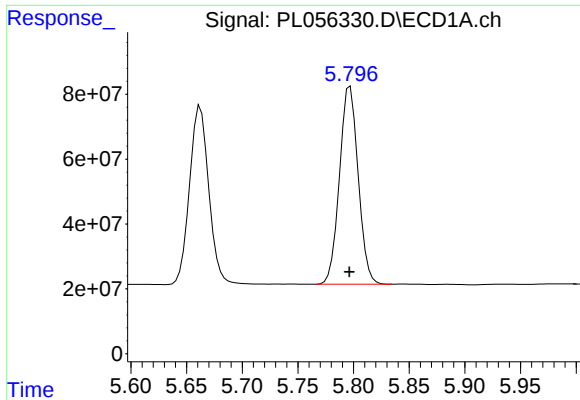
#12 4,4'-DDE

R.T.: 5.662 min  
Delta R.T.: 0.000 min  
Response: 661749876  
Conc: 45.66 ng/ml



#12 4,4'-DDE

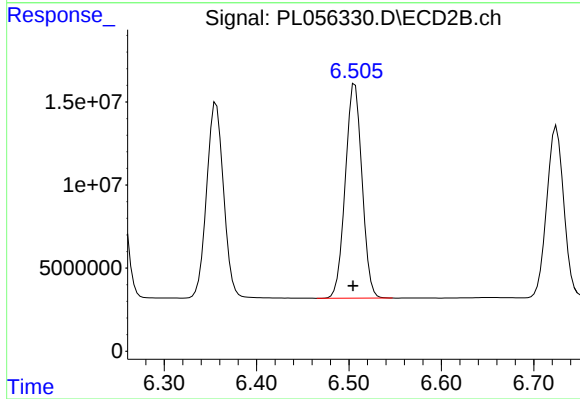
R.T.: 6.356 min  
Delta R.T.: 0.002 min  
Response: 149615668  
Conc: 49.95 ng/ml



#13 Dieldrin

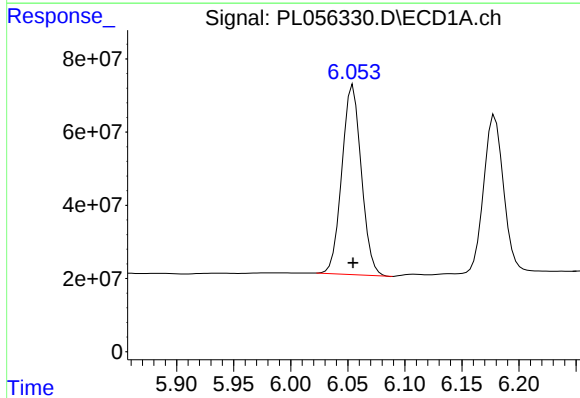
R.T.: 5.797 min  
Delta R.T.: 0.000 min  
Response: 712722384  
Conc: 46.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126561BS



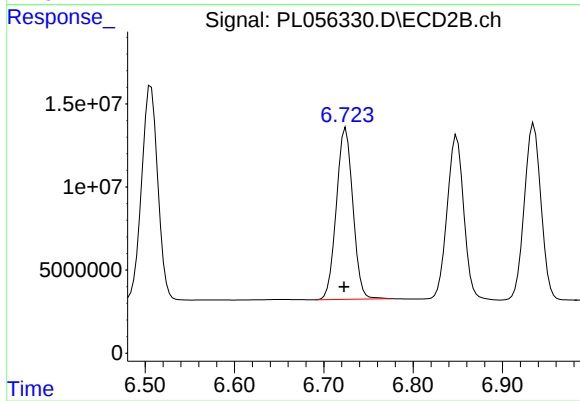
#13 Dieldrin

R.T.: 6.506 min  
Delta R.T.: 0.002 min  
Response: 162147966  
Conc: 52.24 ng/ml



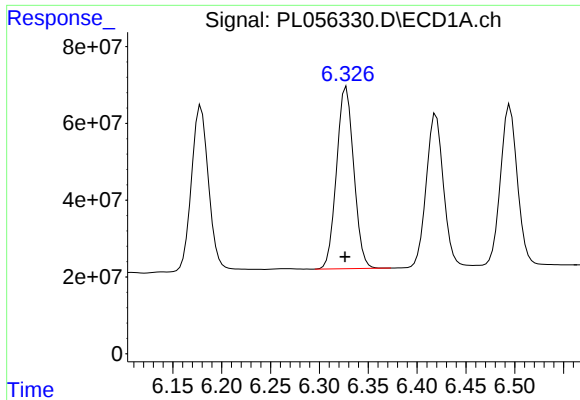
#14 Endrin

R.T.: 6.055 min  
Delta R.T.: 0.000 min  
Response: 614846522  
Conc: 43.76 ng/ml



#14 Endrin

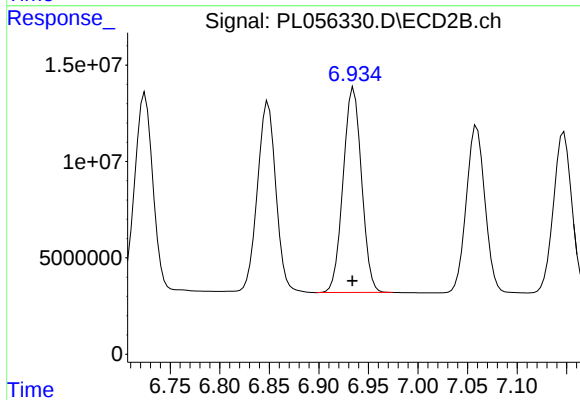
R.T.: 6.725 min  
Delta R.T.: 0.002 min  
Response: 132517900  
Conc: 50.57 ng/ml



#15 Endosulfan II

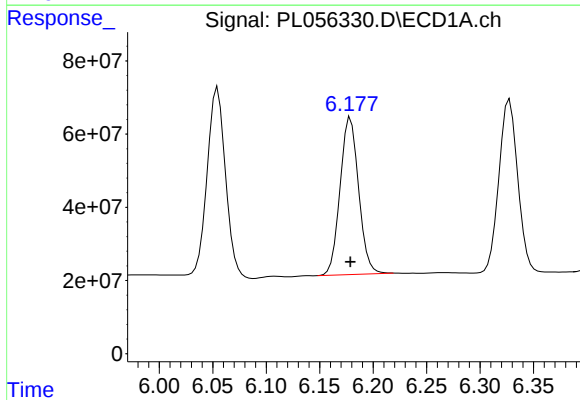
R.T.: 6.328 min  
Delta R.T.: 0.001 min  
Response: 581073533  
Conc: 44.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126561BS



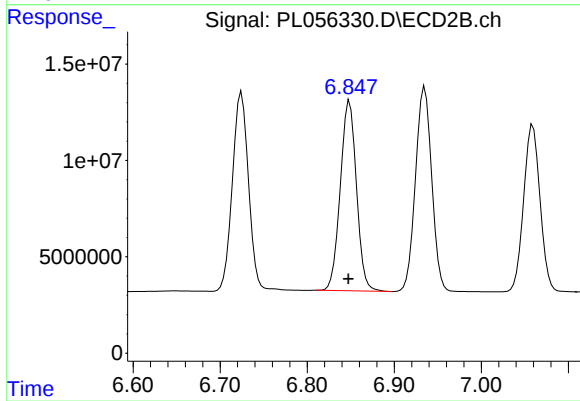
#15 Endosulfan II

R.T.: 6.935 min  
Delta R.T.: 0.001 min  
Response: 137425991  
Conc: 51.05 ng/ml



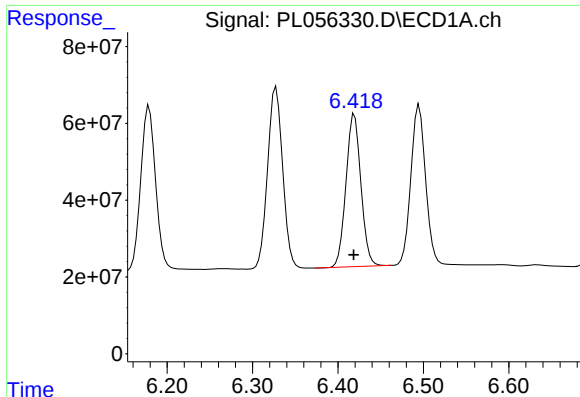
#16 4,4'-DDD

R.T.: 6.179 min  
Delta R.T.: 0.000 min  
Response: 519501511  
Conc: 48.33 ng/ml



#16 4,4'-DDD

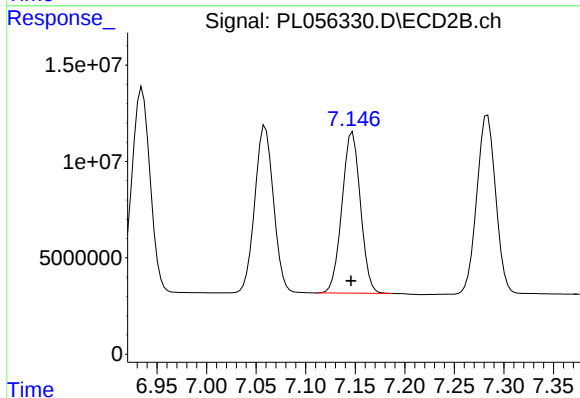
R.T.: 6.849 min  
Delta R.T.: 0.002 min  
Response: 127427495  
Conc: 54.01 ng/ml



#17 4,4'-DDT

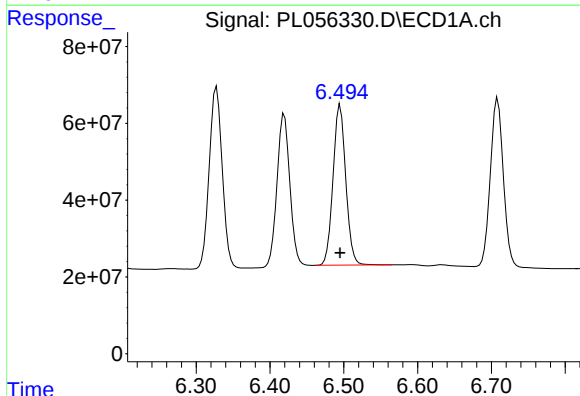
R.T.: 6.419 min  
Delta R.T.: 0.000 min  
Response: 483176444  
Conc: 44.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126561BS



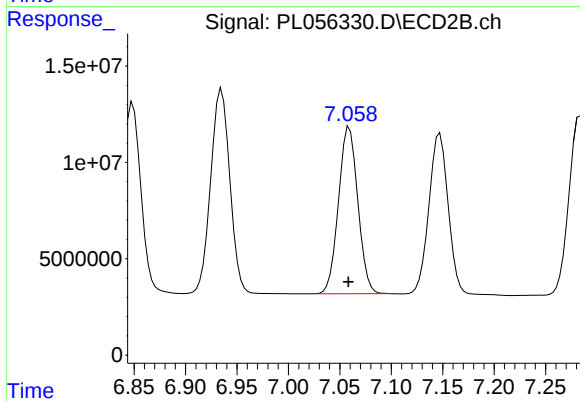
#17 4,4'-DDT

R.T.: 7.147 min  
Delta R.T.: 0.001 min  
Response: 108347251  
Conc: 47.19 ng/ml



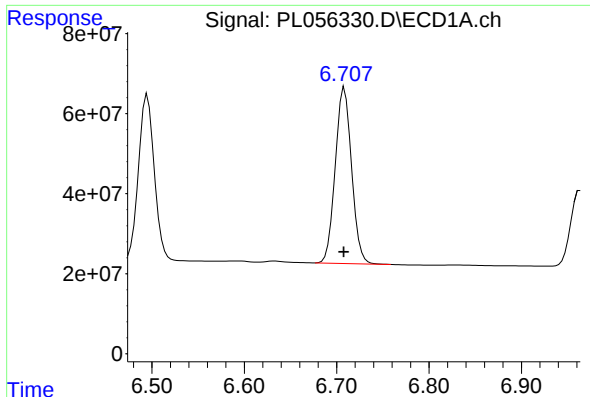
#18 Endrin aldehyde

R.T.: 6.495 min  
Delta R.T.: 0.000 min  
Response: 501678155  
Conc: 45.85 ng/ml



#18 Endrin aldehyde

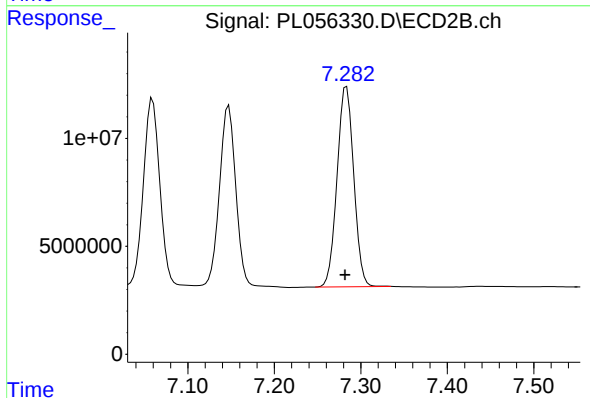
R.T.: 7.059 min  
Delta R.T.: 0.000 min  
Response: 113271353  
Conc: 49.89 ng/ml



#19 Endosulfan Sulfate

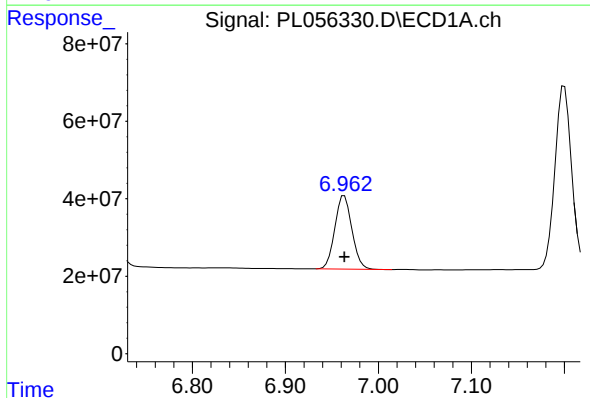
R.T.: 6.708 min  
Delta R.T.: 0.000 min  
Response: 539858742  
Conc: 44.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126561BS



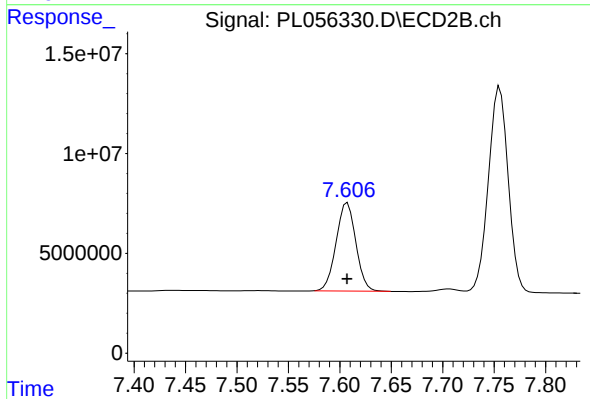
#19 Endosulfan Sulfate

R.T.: 7.284 min  
Delta R.T.: 0.002 min  
Response: 123516085  
Conc: 48.81 ng/ml



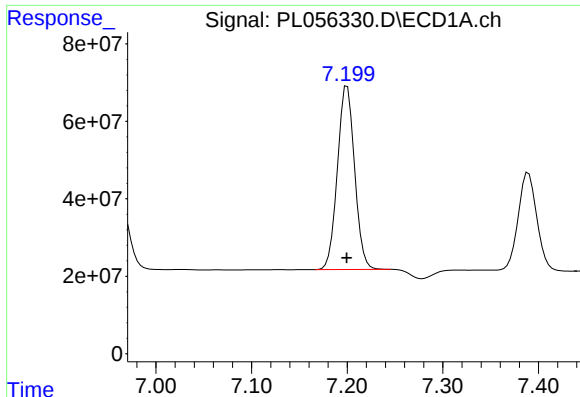
#20 Methoxychlor

R.T.: 6.963 min  
Delta R.T.: 0.000 min  
Response: 241718921  
Conc: 45.50 ng/ml



#20 Methoxychlor

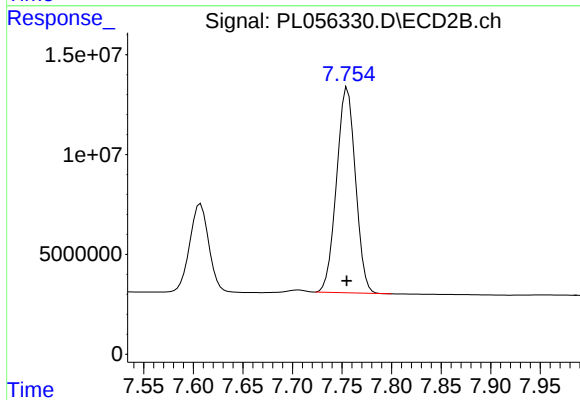
R.T.: 7.607 min  
Delta R.T.: 0.000 min  
Response: 58972430  
Conc: 48.10 ng/ml



#21 Endrin ketone

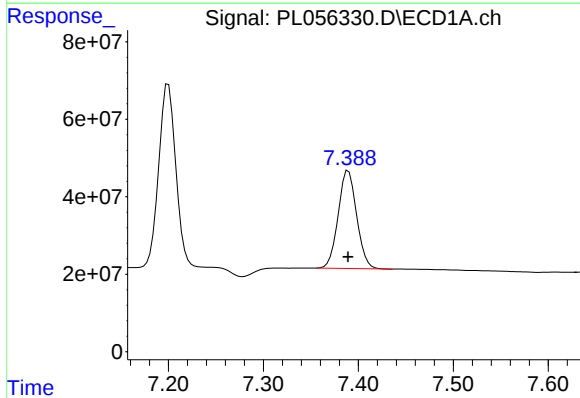
R.T.: 7.200 min  
Delta R.T.: 0.000 min  
Response: 592909014  
Conc: 45.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126561BS



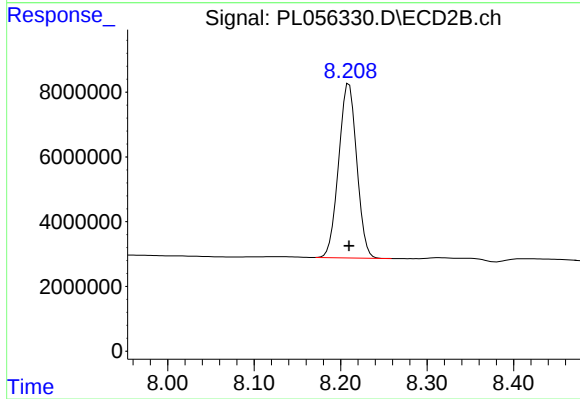
#21 Endrin ketone

R.T.: 7.756 min  
Delta R.T.: 0.000 min  
Response: 136397420  
Conc: 51.14 ng/ml



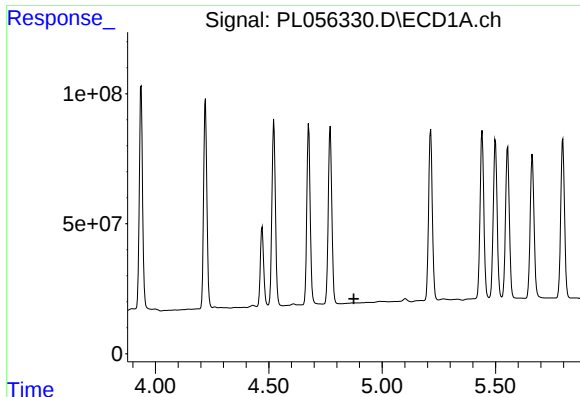
#22 Mirex

R.T.: 7.390 min  
Delta R.T.: 0.000 min  
Response: 342199424  
Conc: 37.04 ng/ml



#22 Mirex

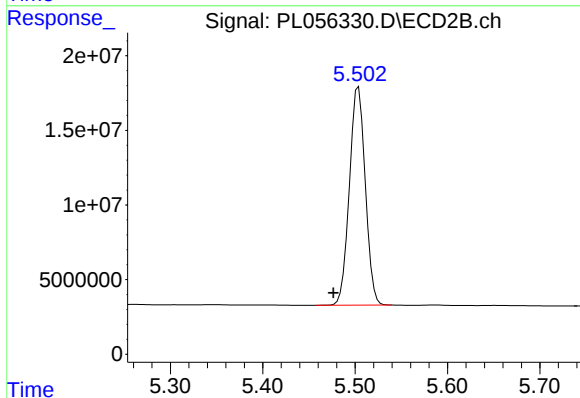
R.T.: 8.210 min  
Delta R.T.: 0.000 min  
Response: 77731779  
Conc: 42.76 ng/ml



#24 Chlordane-2

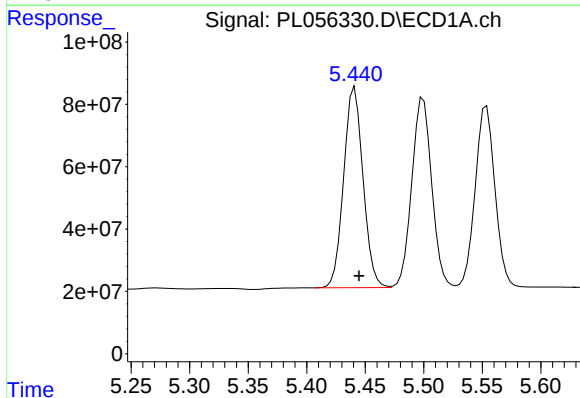
R.T.: 0.000 min  
Exp R.T.: 4.875 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PB126561BS



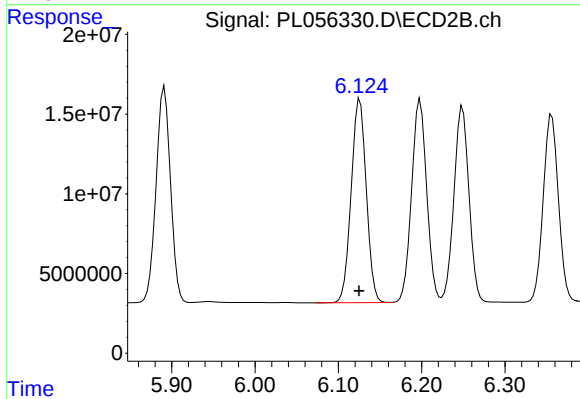
#24 Chlordane-2

R.T.: 5.504 min  
Delta R.T.: 0.027 min  
Response: 174699681  
Conc: 1768.79 ng/ml



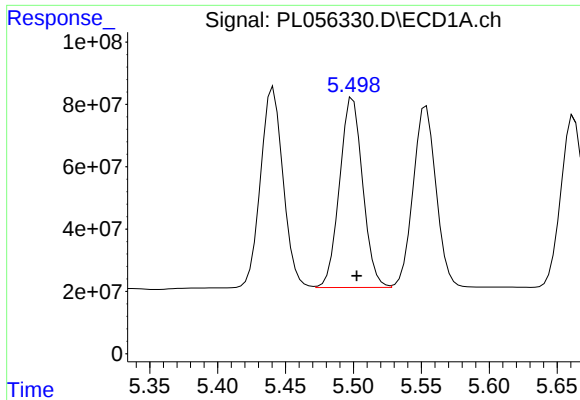
#25 Chlordane-3

R.T.: 5.441 min  
Delta R.T.: -0.004 min  
Response: 741277367  
Conc: 587.13 ng/ml



#25 Chlordane-3

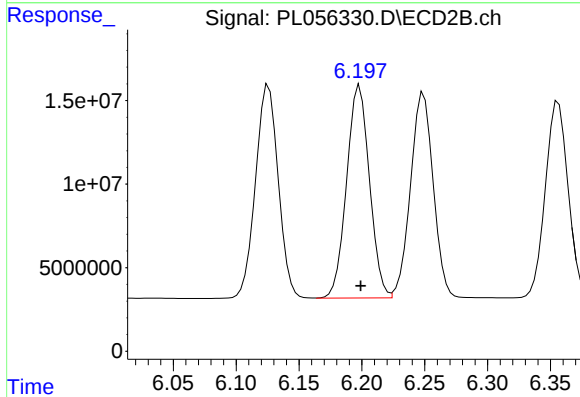
R.T.: 6.126 min  
Delta R.T.: 0.000 min  
Response: 160827187  
Conc: 427.92 ng/ml



#26 Chlordane-4

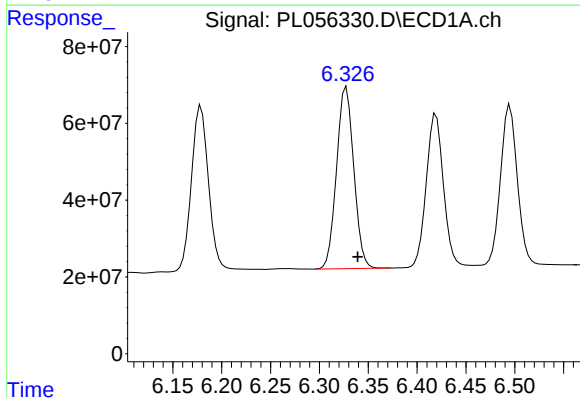
R.T.: 5.500 min  
Delta R.T.: -0.003 min  
Response: 722244396  
Conc: 667.49 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126561BS



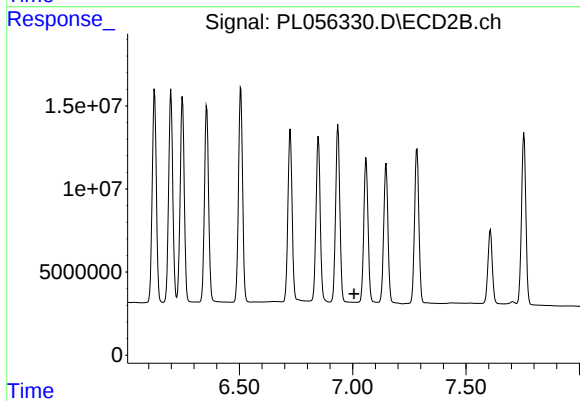
#26 Chlordane-4

R.T.: 6.198 min  
Delta R.T.: 0.000 min  
Response: 161062547  
Conc: 366.59 ng/ml



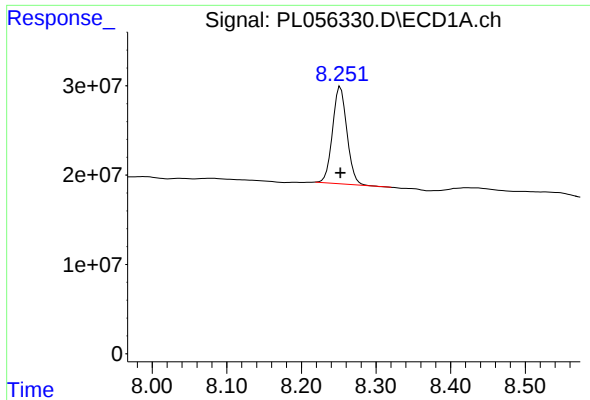
#27 Chlordane-5

R.T.: 6.328 min  
Delta R.T.: -0.012 min  
Response: 581073533  
Conc: 1400.74 ng/ml



#27 Chlordane-5

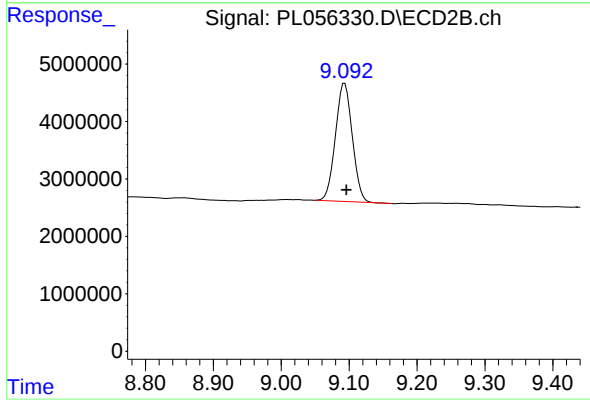
R.T.: 0.000 min  
Exp R.T.: 7.007 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.252 min  
Delta R.T.: 0.000 min  
Response: 145962875  
Conc: 13.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB126561BS



#28 Decachlorobiphenyl

R.T.: 9.093 min  
Delta R.T.: -0.003 min  
Response: 35631424  
Conc: 15.75 ng/ml