

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061418\  
 Data File : PL036967.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Jun 2018 02:50  
 Operator : UA\AJ  
 Sample : PB110232BSD  
 Misc :  
 ALS Vial : 56 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 15 03:34:52 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL061418.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 14 16:13:31 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|-------|-------|----------|----------|----------|------------|
| -----                       |                 |       |       |          |          |          |            |
| System Monitoring Compounds |                 |       |       |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.340 | 3.938 | 130.9E6  | 48099202 | 18.407   | 18.814     |
| 28)                         | SA Decachlor... | 8.024 | 8.950 | 116.4E6  | 45080711 | 17.894   | 17.672     |
| Target Compounds            |                 |       |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.771 | 4.317 | 579.7E6  | 197.6E6  | 51.781   | 55.123     |
| 3)                          | MA gamma-BHC... | 4.048 | 4.597 | 514.8E6  | 175.2E6  | 53.209   | 54.596     |
| 4)                          | MA Heptachlor   | 4.334 | 5.108 | 484.3E6  | 176.7E6  | 52.453   | 54.470     |
| 5)                          | MB Aldrin       | 4.574 | 5.411 | 491.6E6  | 161.5E6  | 53.187   | 54.668     |
| 6)                          | B beta-BHC      | 4.301 | 4.757 | 223.1E6  | 79707805 | 52.239   | 53.193     |
| 7)                          | B delta-BHC     | 4.497 | 4.972 | 515.2E6  | 164.1E6  | 53.689   | 59.402     |
| 8)                          | B Heptachlo...  | 5.013 | 5.791 | 455.2E6  | 149.6E6  | 54.012   | 54.210     |
| 9)                          | A Endosulfan I  | 5.345 | 6.143 | 401.5E6  | 130.3E6  | 52.549   | 53.098     |
| 10)                         | B gamma-Chl...  | 5.236 | 6.023 | 445.9E6  | 148.7E6  | 53.016   | 53.454     |
| 11)                         | B alpha-Chl...  | 5.293 | 6.097 | 430.3E6  | 146.5E6  | 52.825   | 53.277     |
| 12)                         | B 4,4'-DDE      | 5.462 | 6.252 | 422.3E6  | 129.4E6  | 53.695   | 52.752     |
| 13)                         | MA Dieldrin     | 5.585 | 6.397 | 428.1E6  | 137.8E6  | 53.296   | 53.556     |
| 14)                         | MA Endrin       | 5.839 | 6.611 | 374.2E6  | 119.2E6  | 53.714   | 53.269     |
| 15)                         | B Endosulfa...  | 6.114 | 6.814 | 356.3E6  | 124.1E6  | 53.083   | 51.080     |
| 16)                         | A 4,4'-DDD      | 5.974 | 6.733 | 320.1E6  | 108.7E6  | 53.690   | 55.298     |
| 17)                         | MA 4,4'-DDT     | 6.209 | 7.033 | 309.7E6  | 110.5E6  | 52.745   | 52.524     |
| 18)                         | B Endrin al...  | 6.282 | 6.937 | 271.1E6  | 104.3E6  | 53.428   | 53.639     |
| 19)                         | B Endosulfa...  | 6.492 | 7.159 | 322.8E6  | 116.9E6  | 53.376   | 53.882     |
| 20)                         | A Methoxychlor  | 6.758 | 7.487 | 162.6E6  | 64117923 | 51.233   | 52.933     |
| 21)                         | B Endrin ke...  | 6.976 | 7.623 | 354.4E6  | 122.9E6  | 54.064   | 53.942     |
| 23)                         | Chlordane-1     | 4.127 | 4.972 | 18763620 | 164.1E6  | 65.120   | 1448.081 # |
| 24)                         | Chlordane-2     | 0.000 | 5.411 | 0        | 161.5E6  | N.D.     | 1391.659 # |
| 25)                         | Chlordane-3     | 5.236 | 6.023 | 445.9E6  | 148.7E6  | 474.317  | 397.446    |
| 26)                         | Chlordane-4     | 5.293 | 6.097 | 430.3E6  | 146.5E6  | 506.443  | 329.113 #  |
| 27)                         | Chlordane-5     | 5.839 | 6.937 | 374.2E6  | 104.3E6  | 3000.296 | 1237.184 # |
| -----                       |                 |       |       |          |          |          |            |

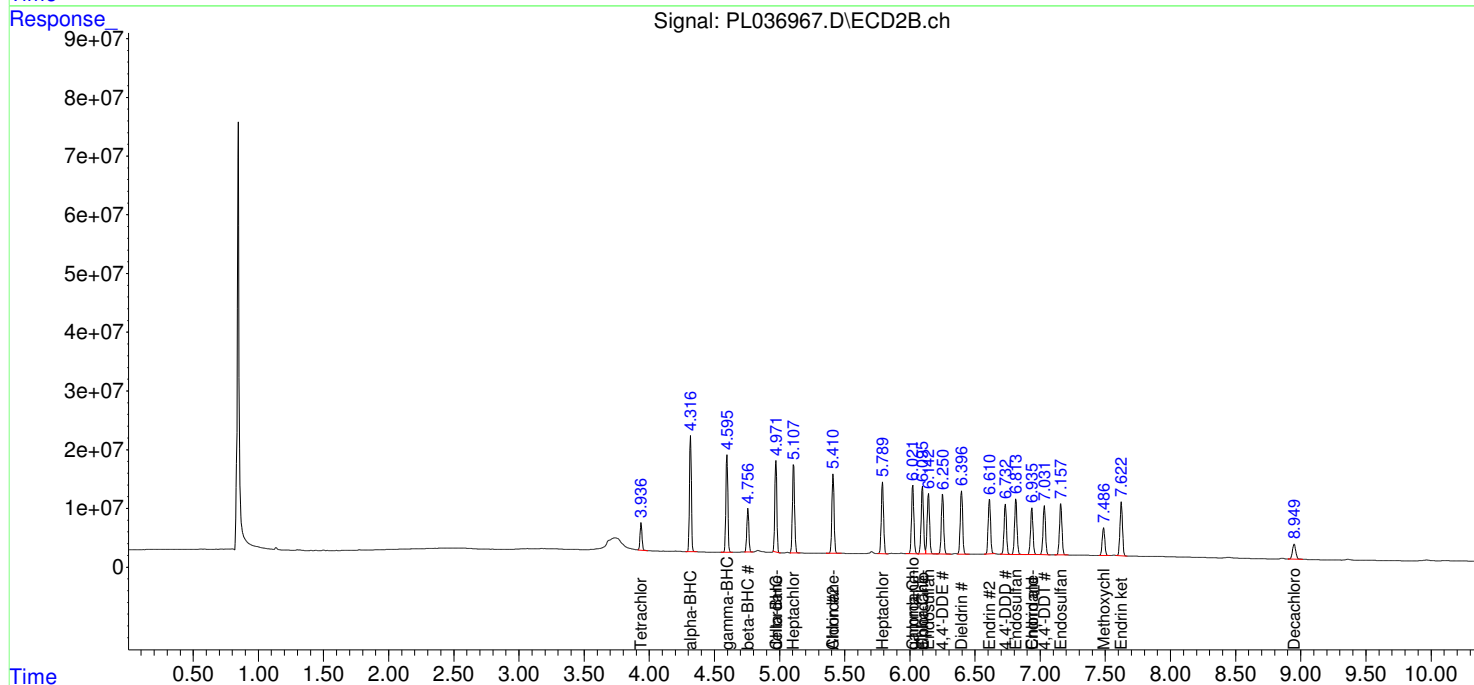
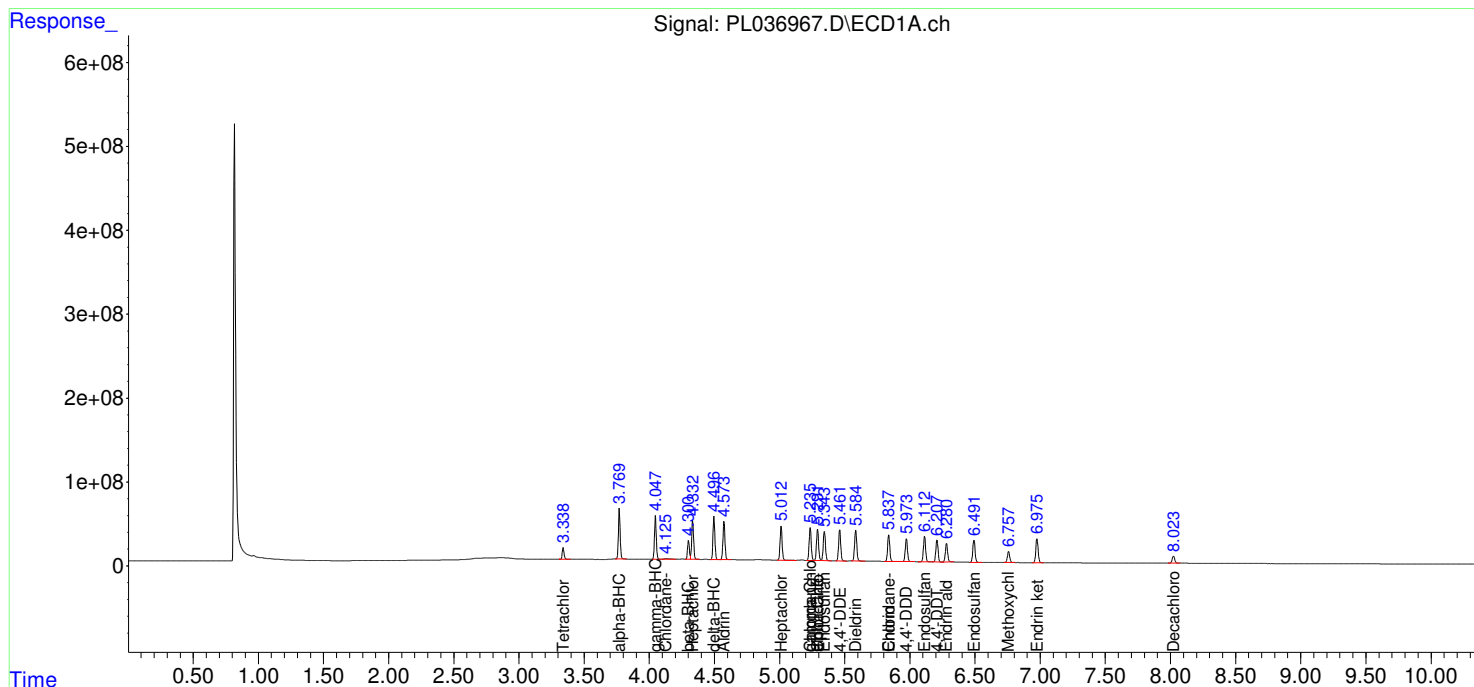
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

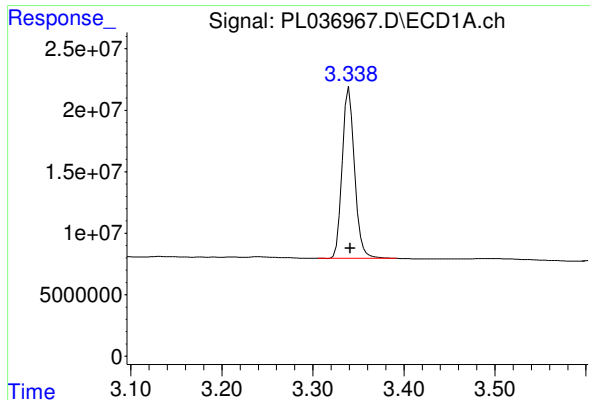
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061418\  
Data File : PL036967.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Jun 2018 02:50  
Operator : UA\AJ  
Sample : PB110232BSD  
Misc :  
ALS Vial : 56 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 15 03:34:52 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL061418.M  
Quant Title : GC Extractables  
QLast Update : Thu Jun 14 16:13:31 2018  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

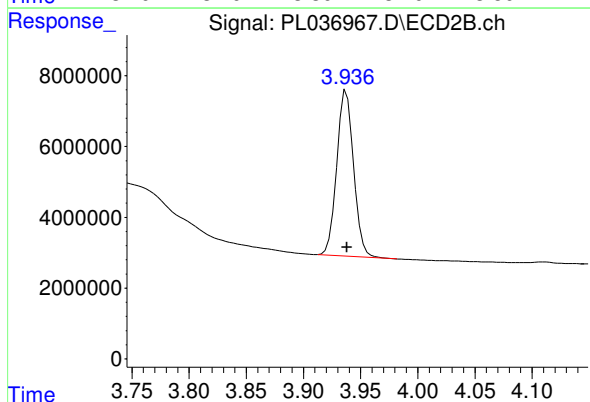




#1 Tetrachloro-m-xylene

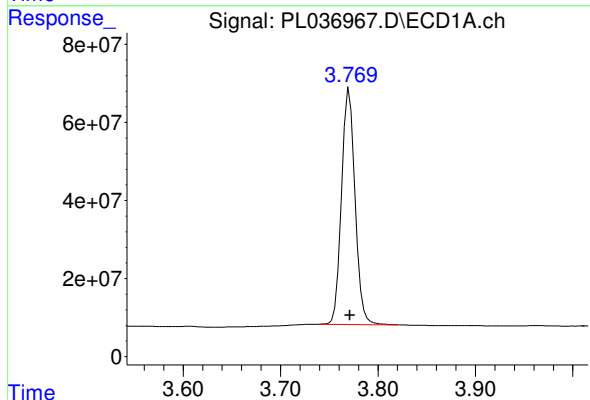
R.T.: 3.340 min  
Delta R.T.: -0.001 min  
Response: 130899911  
Conc: 18.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



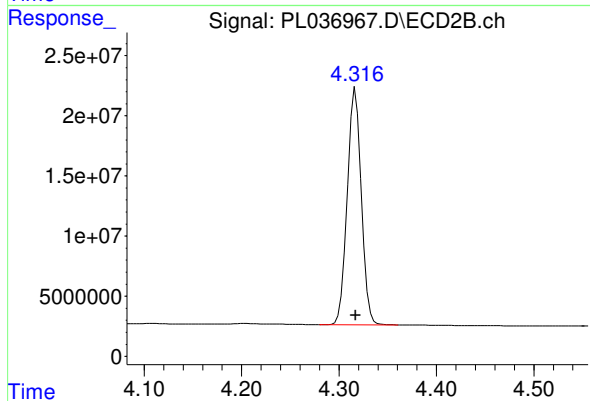
#1 Tetrachloro-m-xylene

R.T.: 3.938 min  
Delta R.T.: 0.000 min  
Response: 48099202  
Conc: 18.81 ng/ml



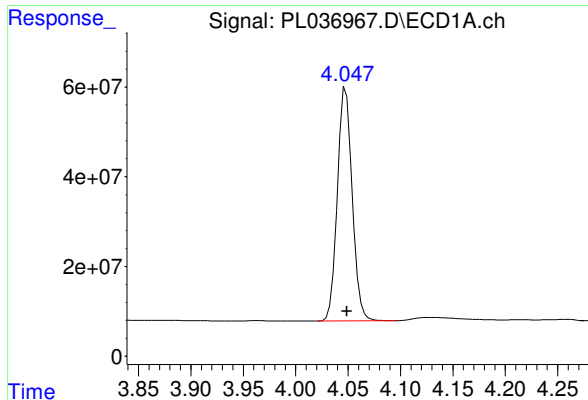
#2 alpha-BHC

R.T.: 3.771 min  
Delta R.T.: 0.000 min  
Response: 579685779  
Conc: 51.78 ng/ml



#2 alpha-BHC

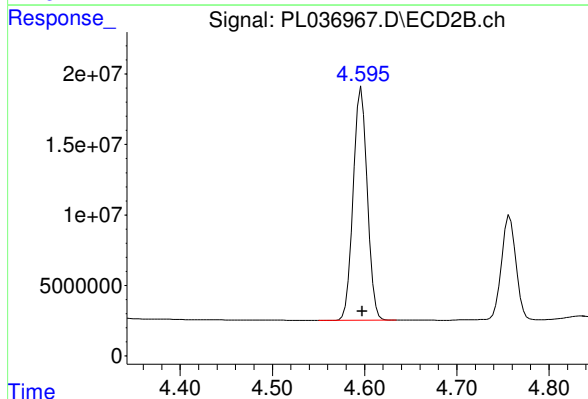
R.T.: 4.317 min  
Delta R.T.: 0.000 min  
Response: 197612751  
Conc: 55.12 ng/ml



#3 gamma-BHC (Lindane)

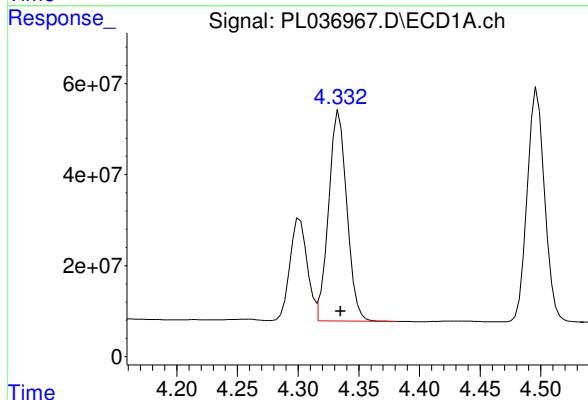
R.T.: 4.048 min  
Delta R.T.: 0.000 min  
Response: 514827829  
Conc: 53.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



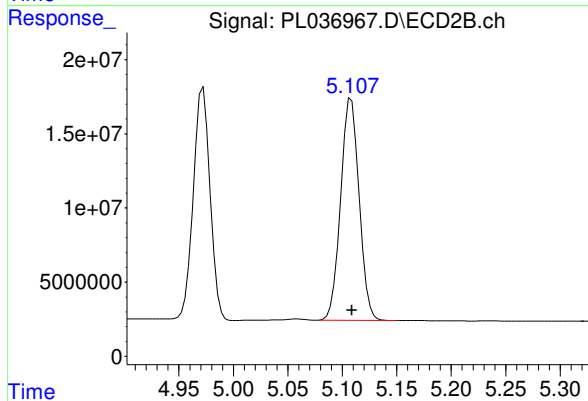
#3 gamma-BHC (Lindane)

R.T.: 4.597 min  
Delta R.T.: 0.000 min  
Response: 175249238  
Conc: 54.60 ng/ml



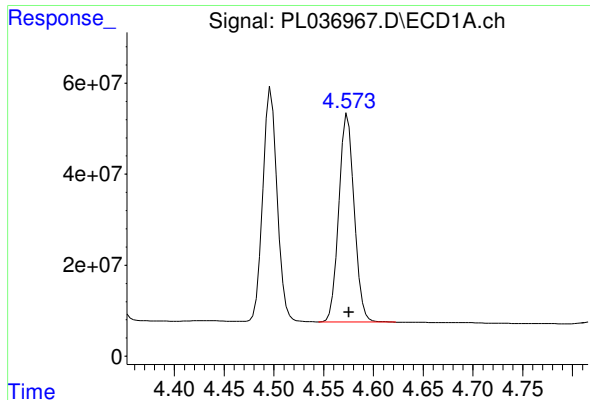
#4 Heptachlor

R.T.: 4.334 min  
Delta R.T.: -0.001 min  
Response: 484319672  
Conc: 52.45 ng/ml



#4 Heptachlor

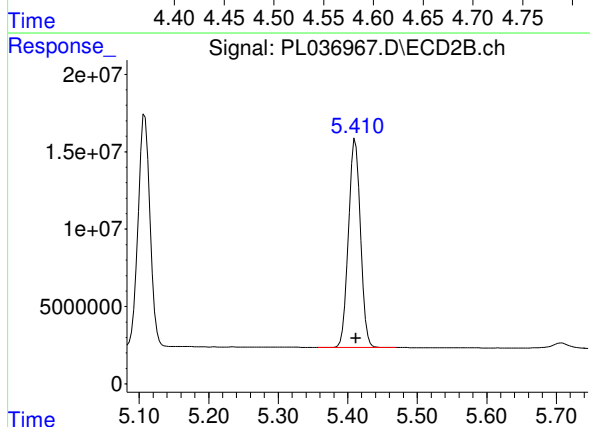
R.T.: 5.108 min  
Delta R.T.: 0.000 min  
Response: 176682785  
Conc: 54.47 ng/ml



#5 Aldrin

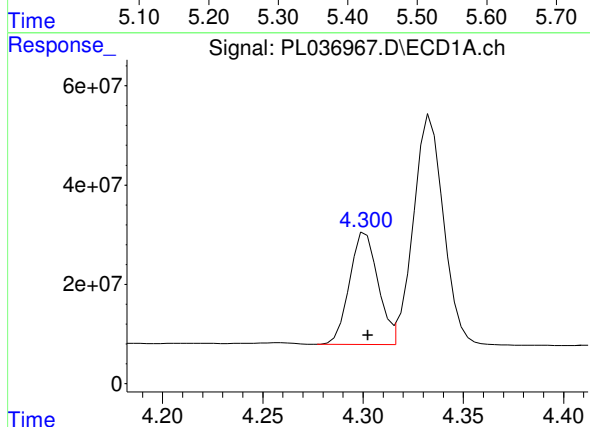
R.T.: 4.574 min  
Delta R.T.: -0.001 min  
Response: 491645210  
Conc: 53.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



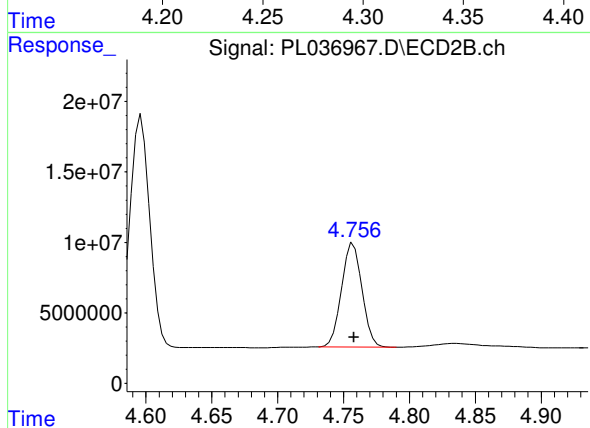
#5 Aldrin

R.T.: 5.411 min  
Delta R.T.: 0.000 min  
Response: 161537318  
Conc: 54.67 ng/ml



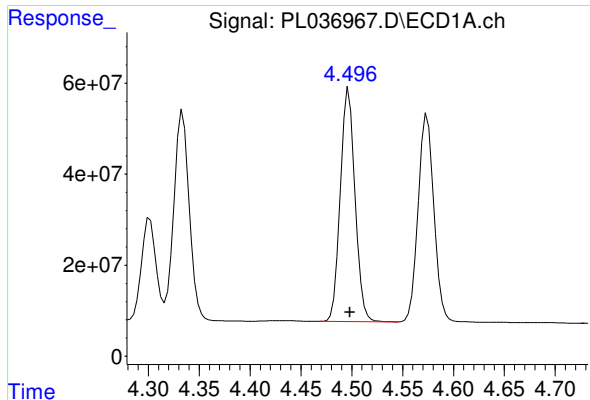
#6 beta-BHC

R.T.: 4.301 min  
Delta R.T.: -0.001 min  
Response: 223087047  
Conc: 52.24 ng/ml



#6 beta-BHC

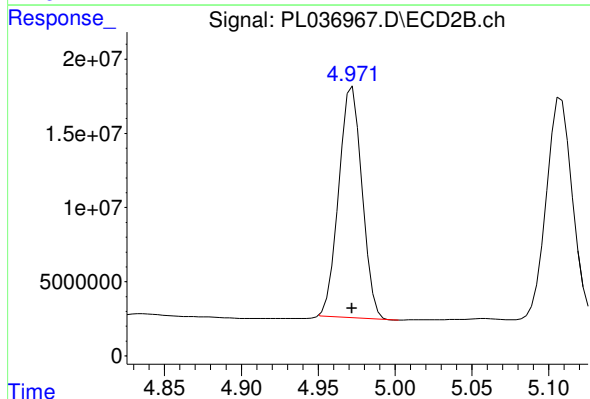
R.T.: 4.757 min  
Delta R.T.: 0.000 min  
Response: 79707805  
Conc: 53.19 ng/ml



#7 delta-BHC

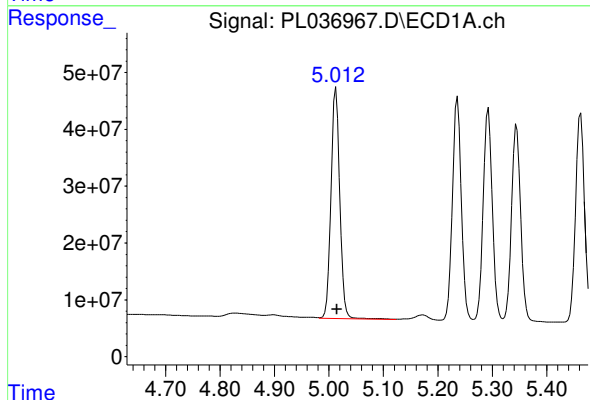
R.T.: 4.497 min  
Delta R.T.: -0.001 min  
Response: 515227256  
Conc: 53.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



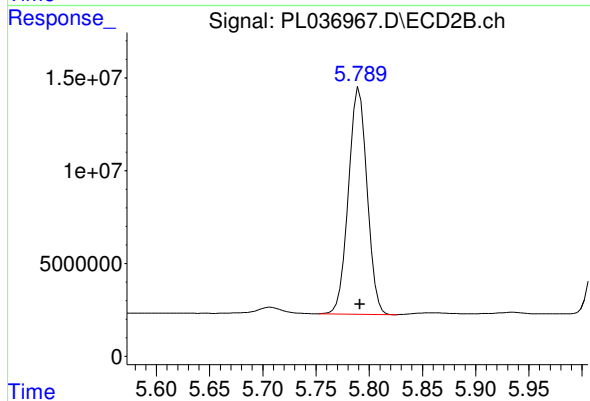
#7 delta-BHC

R.T.: 4.972 min  
Delta R.T.: 0.000 min  
Response: 164093959  
Conc: 59.40 ng/ml



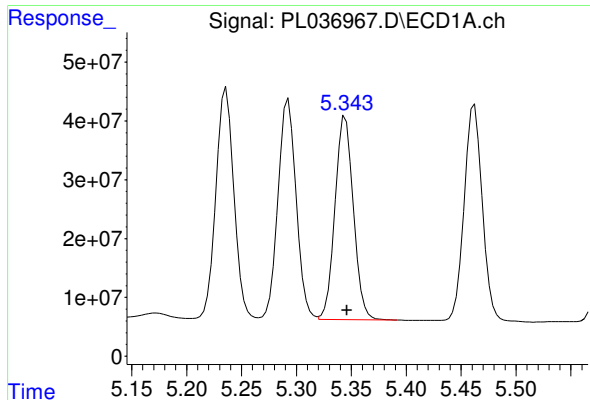
#8 Heptachlor epoxide

R.T.: 5.013 min  
Delta R.T.: -0.002 min  
Response: 455248725  
Conc: 54.01 ng/ml



#8 Heptachlor epoxide

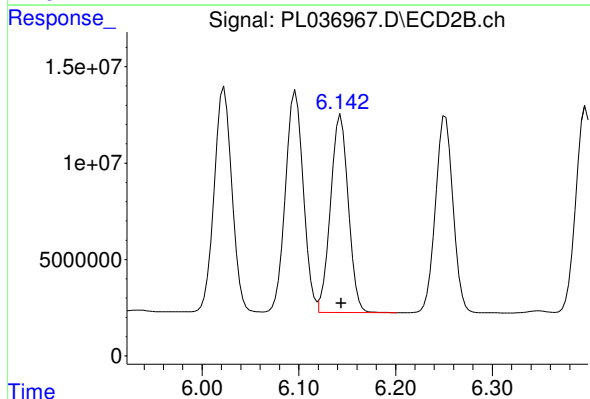
R.T.: 5.791 min  
Delta R.T.: 0.000 min  
Response: 149582092  
Conc: 54.21 ng/ml



#9 Endosulfan I

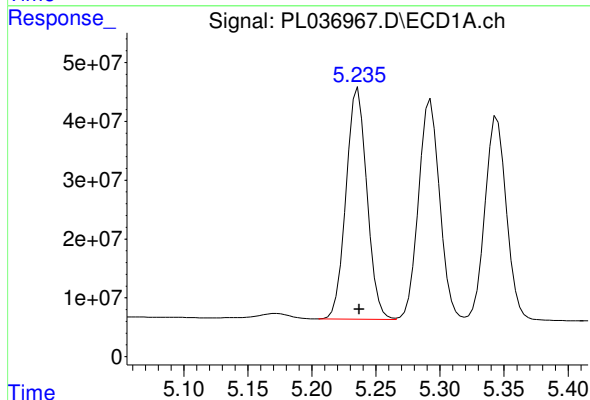
R.T.: 5.345 min  
Delta R.T.: -0.001 min  
Response: 401537113  
Conc: 52.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



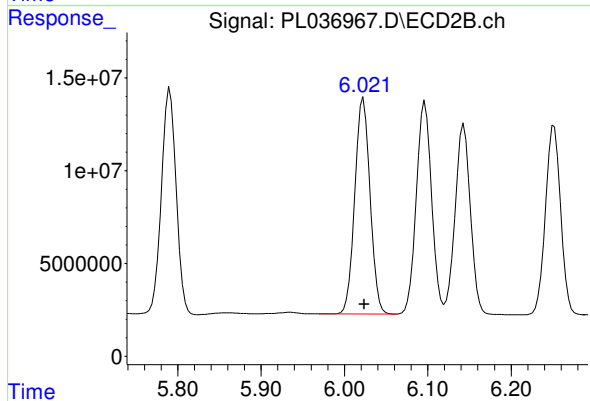
#9 Endosulfan I

R.T.: 6.143 min  
Delta R.T.: 0.000 min  
Response: 130322086  
Conc: 53.10 ng/ml



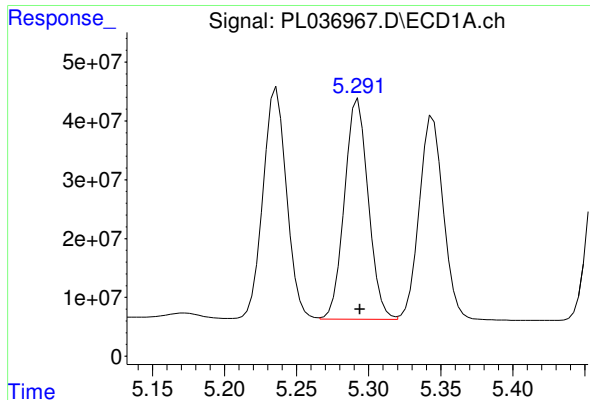
#10 gamma-Chlordane

R.T.: 5.236 min  
Delta R.T.: 0.000 min  
Response: 445870983  
Conc: 53.02 ng/ml



#10 gamma-Chlordane

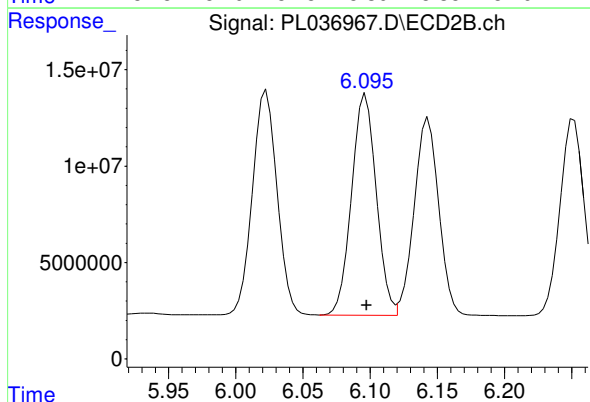
R.T.: 6.023 min  
Delta R.T.: 0.000 min  
Response: 148686842  
Conc: 53.45 ng/ml



#11 alpha-Chlordane

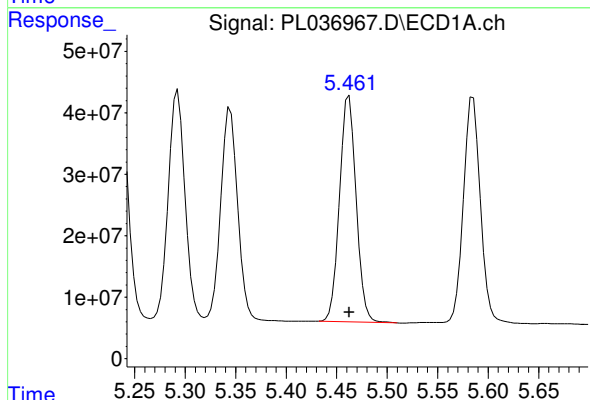
R.T.: 5.293 min  
Delta R.T.: -0.001 min  
Response: 430336335  
Conc: 52.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



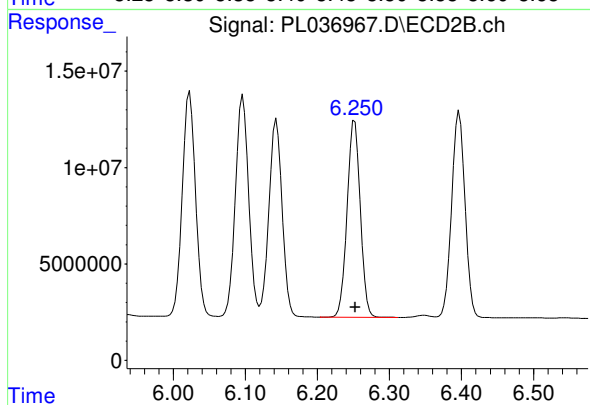
#11 alpha-Chlordane

R.T.: 6.097 min  
Delta R.T.: 0.000 min  
Response: 146535809  
Conc: 53.28 ng/ml



#12 4,4'-DDE

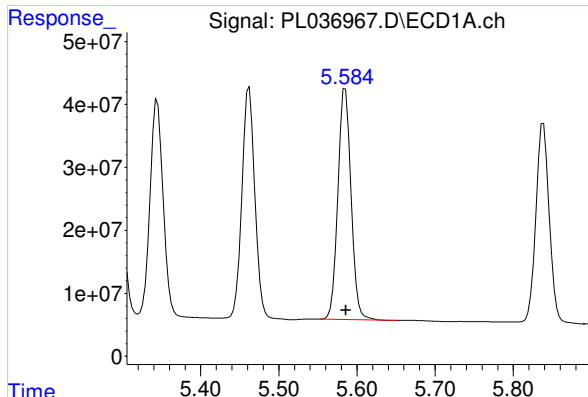
R.T.: 5.462 min  
Delta R.T.: 0.000 min  
Response: 422309699  
Conc: 53.70 ng/ml



#12 4,4'-DDE

R.T.: 6.252 min  
Delta R.T.: 0.000 min  
Response: 129427662  
Conc: 52.75 ng/ml

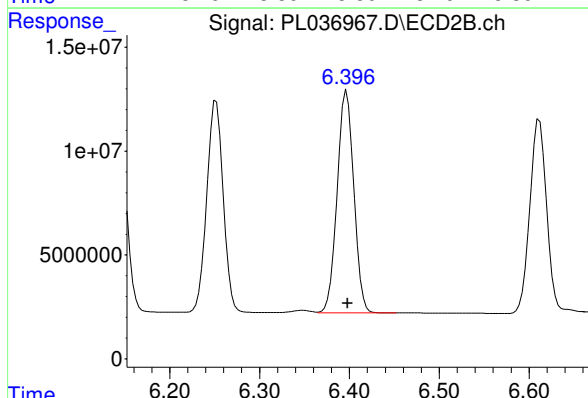




#13 Dieldrin

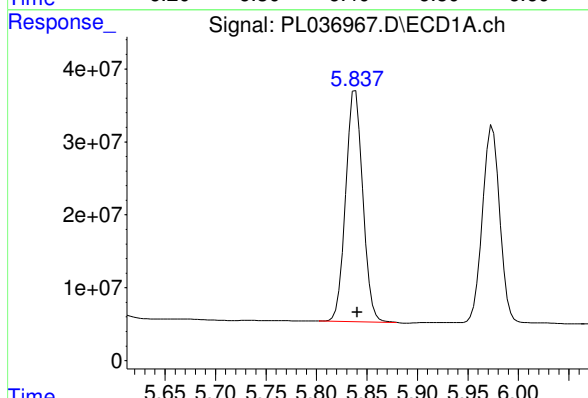
R.T.: 5.585 min  
Delta R.T.: 0.000 min  
Response: 428097427  
Conc: 53.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



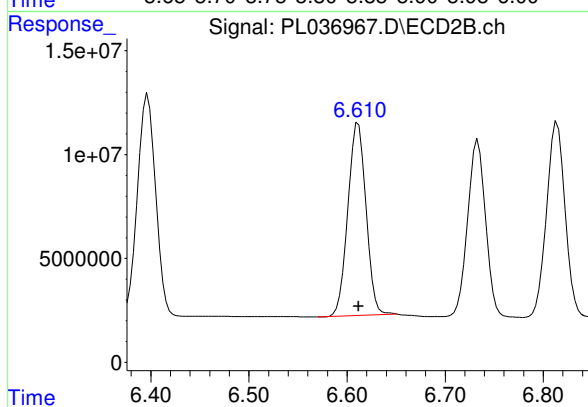
#13 Dieldrin

R.T.: 6.397 min  
Delta R.T.: 0.000 min  
Response: 137833989  
Conc: 53.56 ng/ml



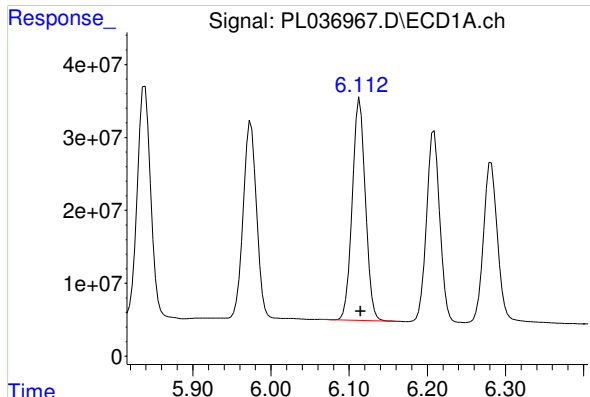
#14 Endrin

R.T.: 5.839 min  
Delta R.T.: -0.002 min  
Response: 374236990  
Conc: 53.71 ng/ml



#14 Endrin

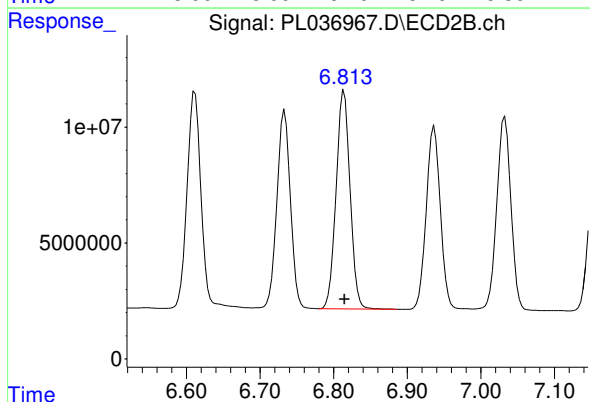
R.T.: 6.611 min  
Delta R.T.: 0.000 min  
Response: 119207808  
Conc: 53.27 ng/ml



#15 Endosulfan II

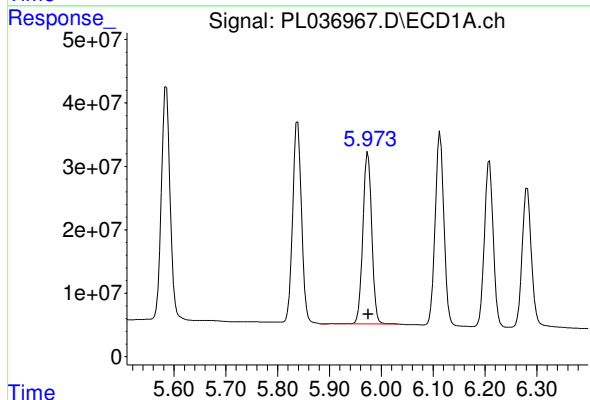
R.T.: 6.114 min  
Delta R.T.: 0.000 min  
Response: 356268241  
Conc: 53.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



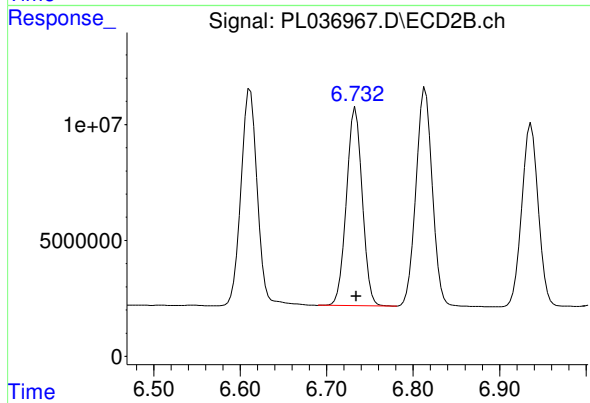
#15 Endosulfan II

R.T.: 6.814 min  
Delta R.T.: 0.000 min  
Response: 124101586  
Conc: 51.08 ng/ml



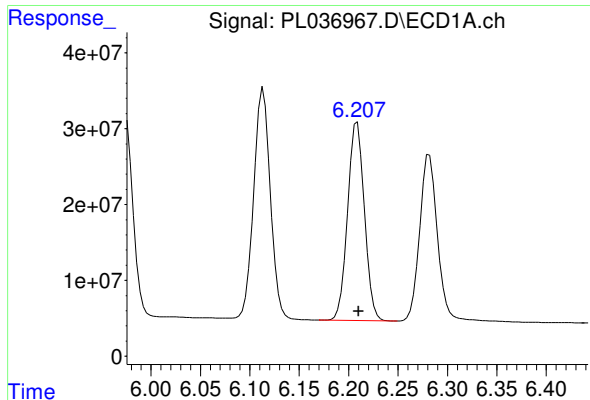
#16 4,4'-DDD

R.T.: 5.974 min  
Delta R.T.: 0.000 min  
Response: 320125450  
Conc: 53.69 ng/ml



#16 4,4'-DDD

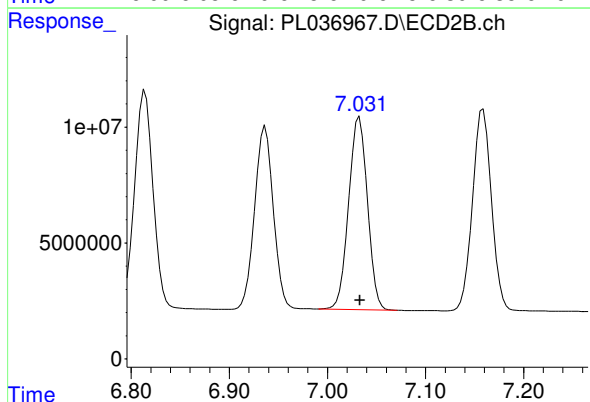
R.T.: 6.733 min  
Delta R.T.: 0.000 min  
Response: 108733791  
Conc: 55.30 ng/ml



#17 4,4'-DDT

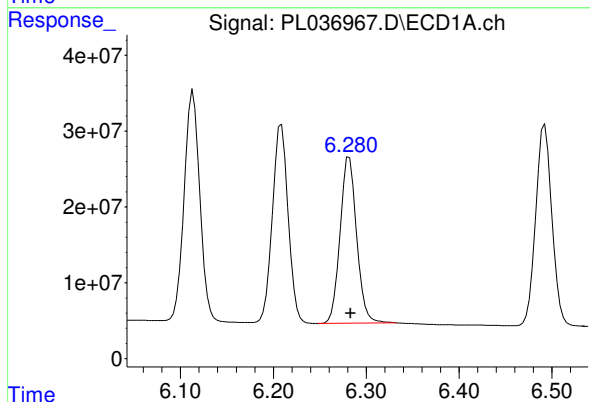
R.T.: 6.209 min  
Delta R.T.: -0.001 min  
Response: 309651843  
Conc: 52.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



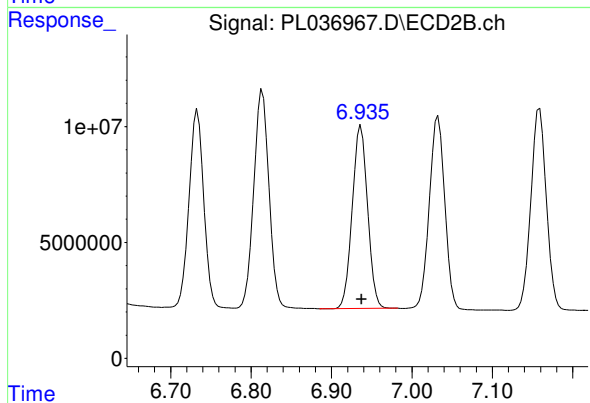
#17 4,4'-DDT

R.T.: 7.033 min  
Delta R.T.: 0.000 min  
Response: 110533674  
Conc: 52.52 ng/ml



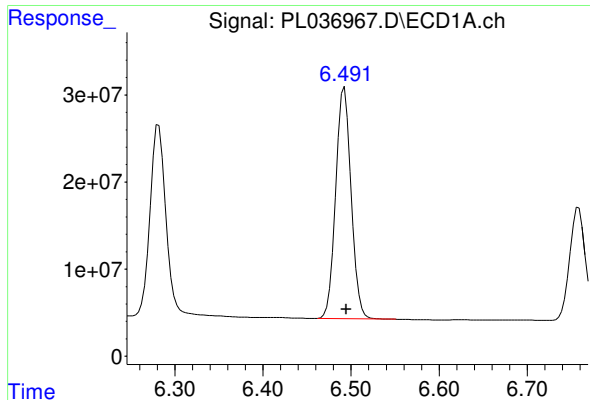
#18 Endrin aldehyde

R.T.: 6.282 min  
Delta R.T.: -0.001 min  
Response: 271149268  
Conc: 53.43 ng/ml



#18 Endrin aldehyde

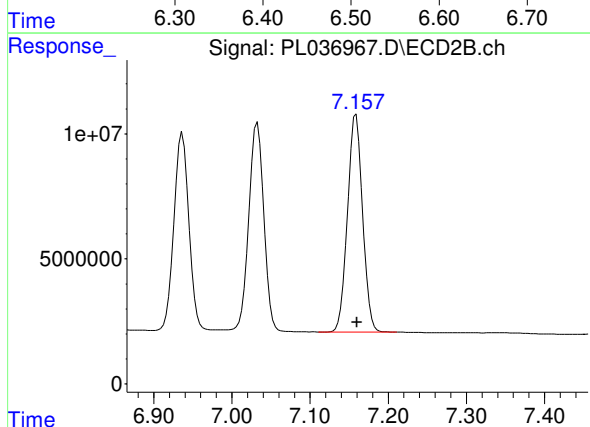
R.T.: 6.937 min  
Delta R.T.: 0.000 min  
Response: 104307365  
Conc: 53.64 ng/ml



#19 Endosulfan Sulfate

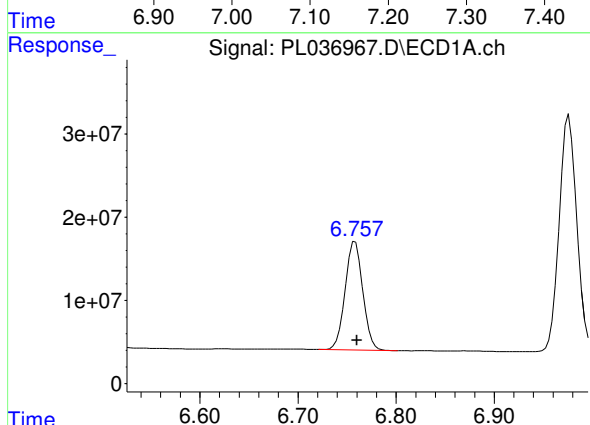
R.T.: 6.492 min  
Delta R.T.: -0.002 min  
Response: 322782145  
Conc: 53.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



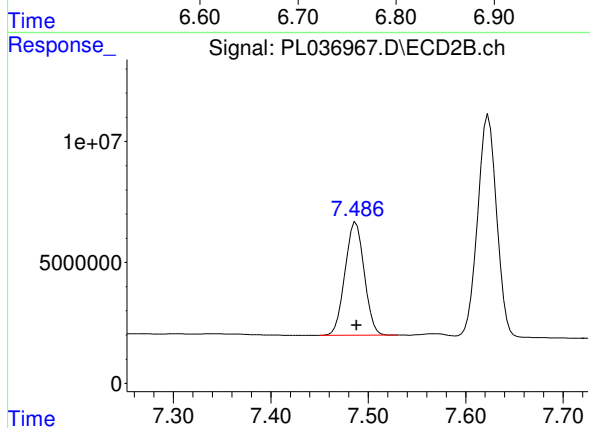
#19 Endosulfan Sulfate

R.T.: 7.159 min  
Delta R.T.: 0.000 min  
Response: 116887732  
Conc: 53.88 ng/ml



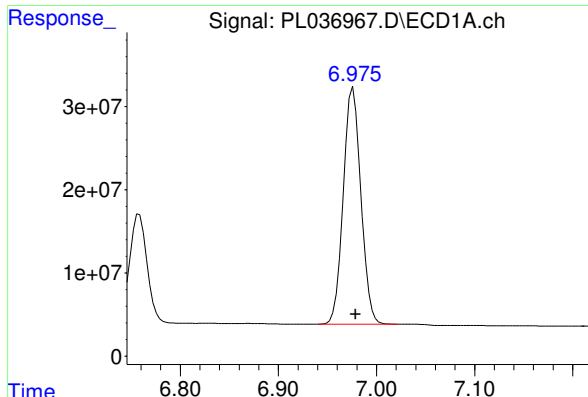
#20 Methoxychlor

R.T.: 6.758 min  
Delta R.T.: -0.001 min  
Response: 162619044  
Conc: 51.23 ng/ml



#20 Methoxychlor

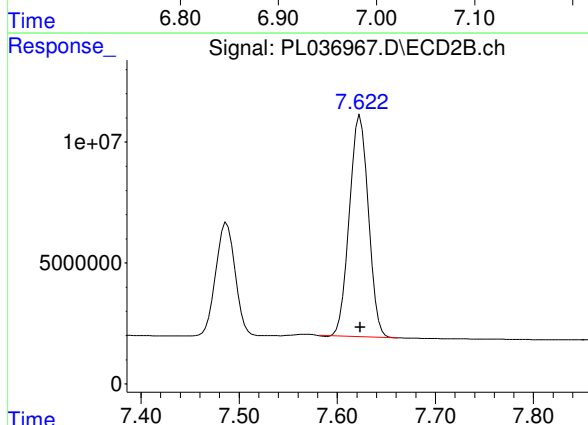
R.T.: 7.487 min  
Delta R.T.: 0.000 min  
Response: 64117923  
Conc: 52.93 ng/ml



#21 Endrin ketone

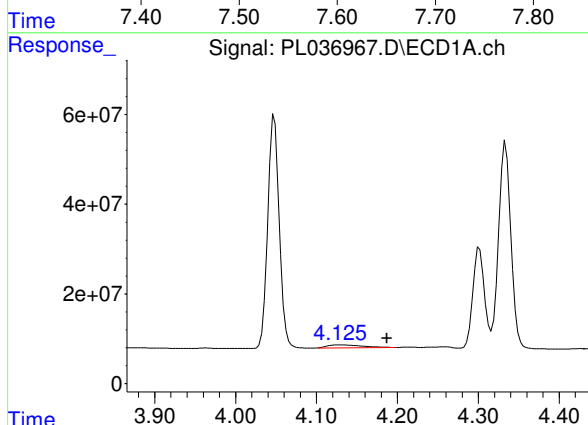
R.T.: 6.976 min  
Delta R.T.: -0.002 min  
Response: 354426337  
Conc: 54.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



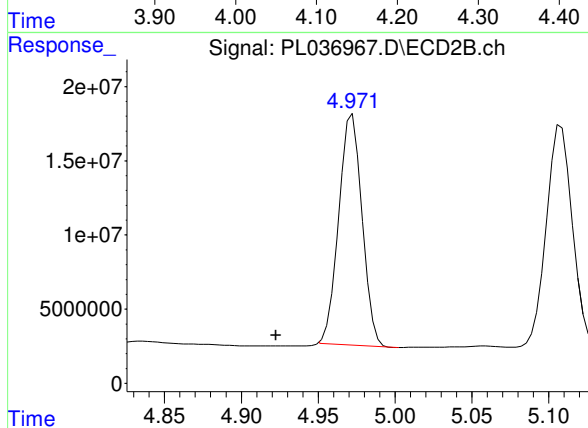
#21 Endrin ketone

R.T.: 7.623 min  
Delta R.T.: 0.000 min  
Response: 122897079  
Conc: 53.94 ng/ml



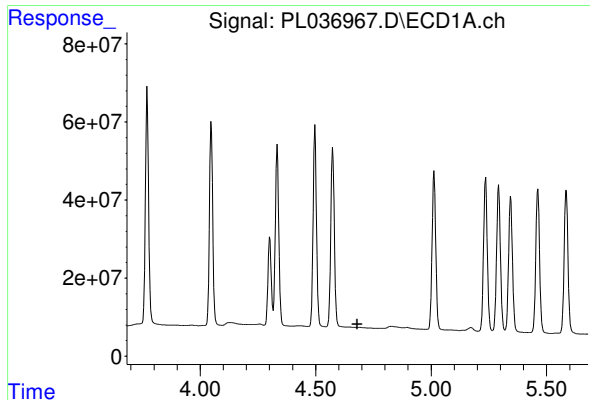
#23 Chlordane-1

R.T.: 4.127 min  
Delta R.T.: -0.059 min  
Response: 18763620  
Conc: 65.12 ng/ml



#23 Chlordane-1

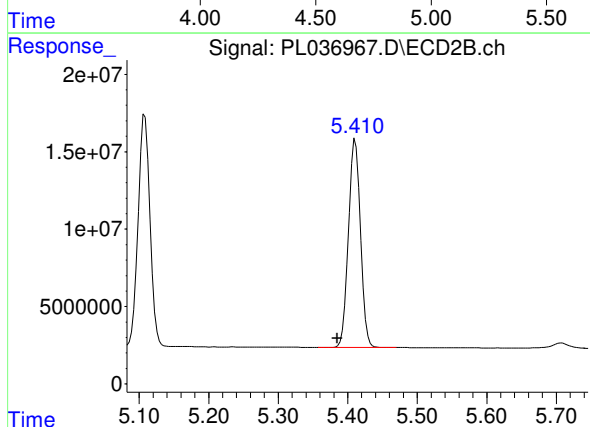
R.T.: 4.972 min  
Delta R.T.: 0.050 min  
Response: 164093959  
Conc: 1448.08 ng/ml



#24 Chlordane-2

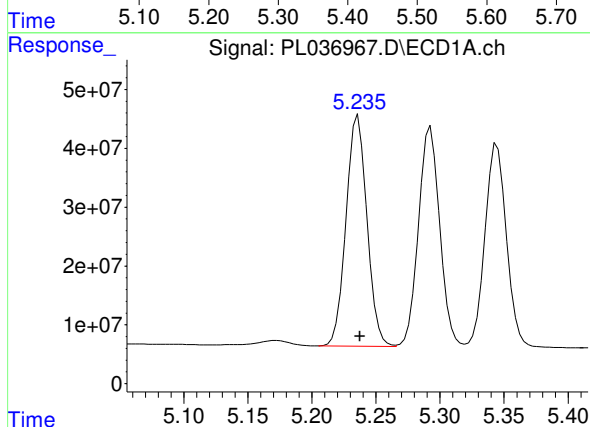
R.T.: 0.000 min  
Exp R.T.: 4.681 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



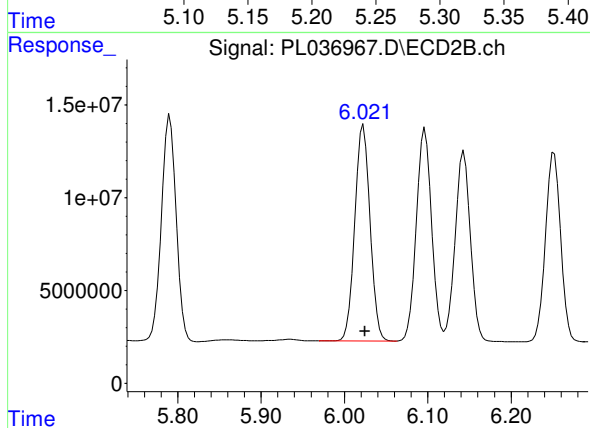
#24 Chlordane-2

R.T.: 5.411 min  
Delta R.T.: 0.026 min  
Response: 161537318  
Conc: 1391.66 ng/ml



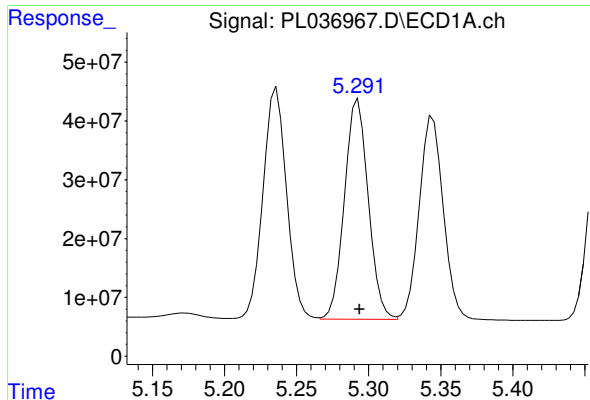
#25 Chlordane-3

R.T.: 5.236 min  
Delta R.T.: -0.001 min  
Response: 445870983  
Conc: 474.32 ng/ml



#25 Chlordane-3

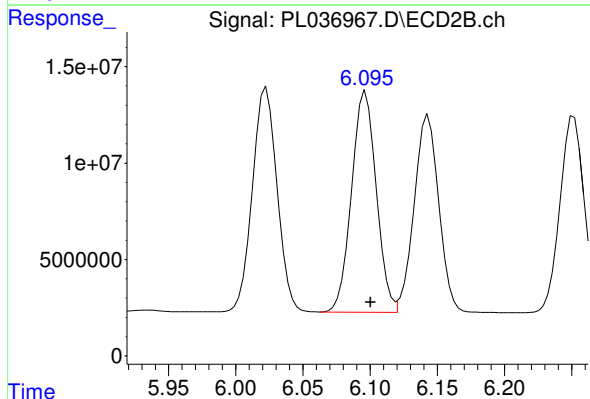
R.T.: 6.023 min  
Delta R.T.: -0.001 min  
Response: 148686842  
Conc: 397.45 ng/ml



#26 Chlordane-4

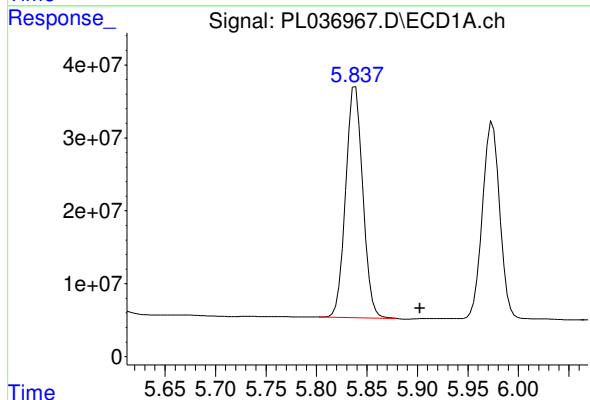
R.T.: 5.293 min  
Delta R.T.: 0.000 min  
Response: 430336335  
Conc: 506.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



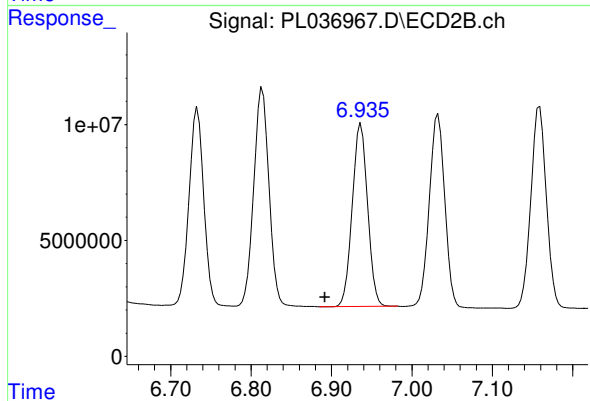
#26 Chlordane-4

R.T.: 6.097 min  
Delta R.T.: -0.004 min  
Response: 146535809  
Conc: 329.11 ng/ml



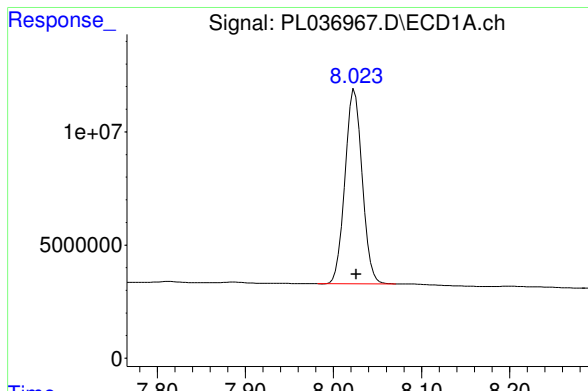
#27 Chlordane-5

R.T.: 5.839 min  
Delta R.T.: -0.064 min  
Response: 374236990  
Conc: 3000.30 ng/ml



#27 Chlordane-5

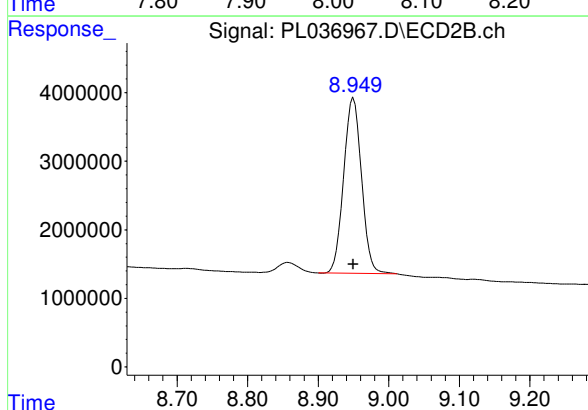
R.T.: 6.937 min  
Delta R.T.: 0.045 min  
Response: 104307365  
Conc: 1237.18 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.024 min  
Delta R.T.: -0.002 min  
Response: 116418355  
Conc: 17.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.950 min  
Delta R.T.: 0.000 min  
Response: 45080711  
Conc: 17.67 ng/ml