

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081718\  
 Data File : PL039287.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Aug 2018 22:49  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 18 00:12:31 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081318.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 15 15:04:22 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... | 3.305 | 3.907 | 312.0E6 | 133.1E6  | 44.630   | 49.643     |
| 2)                          | SA Decachlor... | 7.962 | 8.895 | 304.1E6 | 114.7E6  | 43.301   | 49.439     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.733 | 4.285 | 527.6E6 | 211.4E6  | 44.631   | 50.194     |
| 3)                          | MA gamma-BHC... | 4.008 | 4.564 | 477.4E6 | 190.3E6  | 45.014   | 47.251     |
| 4)                          | MA Heptachlor   | 4.290 | 5.071 | 476.0E6 | 187.8E6  | 45.219   | 52.527     |
| 5)                          | MB Aldrin       | 4.528 | 5.372 | 454.0E6 | 178.0E6  | 45.328   | 50.272     |
| 6)                          | B beta-BHC      | 4.263 | 4.726 | 206.3E6 | 85234377 | 44.403   | 48.663     |
| 7)                          | B delta-BHC     | 4.456 | 4.939 | 488.1E6 | 189.1E6  | 44.971   | 47.489     |
| 8)                          | B Heptachlo...  | 4.964 | 5.751 | 424.6E6 | 168.0E6  | 44.465   | 49.958     |
| 9)                          | A Endosulfan I  | 5.293 | 6.102 | 394.3E6 | 145.4E6  | 45.029   | 49.575     |
| 10)                         | B gamma-Chl...  | 5.186 | 5.983 | 440.8E6 | 160.5E6  | 44.631   | 49.586     |
| 11)                         | B alpha-Chl...  | 5.242 | 6.056 | 423.5E6 | 161.6E6  | 44.086   | 49.940     |
| 12)                         | B 4,4'-DDE      | 5.410 | 6.212 | 426.1E6 | 156.3E6  | 44.502   | 50.538     |
| 13)                         | MA Dieldrin     | 5.532 | 6.356 | 438.7E6 | 152.3E6  | 44.983   | 50.259     |
| 14)                         | MA Endrin       | 5.784 | 6.569 | 396.8E6 | 126.6E6  | 44.331   | 49.235     |
| 15)                         | B Endosulfa...  | 6.060 | 6.773 | 388.5E6 | 127.8E6  | 44.682   | 49.739     |
| 16)                         | A 4,4'-DDD      | 5.921 | 6.693 | 348.2E6 | 114.0E6  | 43.694   | 50.925     |
| 17)                         | MA 4,4'-DDT     | 6.154 | 6.991 | 341.8E6 | 113.7E6  | 45.090   | 48.299     |
| 18)                         | B Endrin al...  | 6.227 | 6.895 | 300.1E6 | 108.5E6  | 44.285   | 49.966     |
| 19)                         | B Endosulfa...  | 6.437 | 7.117 | 361.9E6 | 119.1E6  | 44.474   | 49.686     |
| 20)                         | A Methoxychlor  | 6.702 | 7.447 | 179.9E6 | 61481755 | 43.962   | 49.640     |
| 21)                         | B Endrin ke...  | 6.920 | 7.580 | 384.7E6 | 121.8E6  | 44.701   | 49.292     |
| 23)                         | Chlordane-1     | 4.177 | 4.939 | 4489865 | 189.1E6  | 14.182   | 1513.451 # |
| 24)                         | Chlordane-2     | 0.000 | 5.372 | 0       | 178.0E6  | N.D.     | 1405.024 # |
| 25)                         | Chlordane-3     | 5.186 | 5.983 | 440.8E6 | 160.5E6  | 403.573  | 372.895    |
| 26)                         | Chlordane-4     | 5.242 | 6.056 | 423.5E6 | 161.6E6  | 423.824  | 311.455 #  |
| 27)                         | Chlordane-5     | 6.060 | 6.895 | 388.5E6 | 108.5E6  | 1197.917 | 1172.847   |
| -----                       |                 |       |       |         |          |          |            |

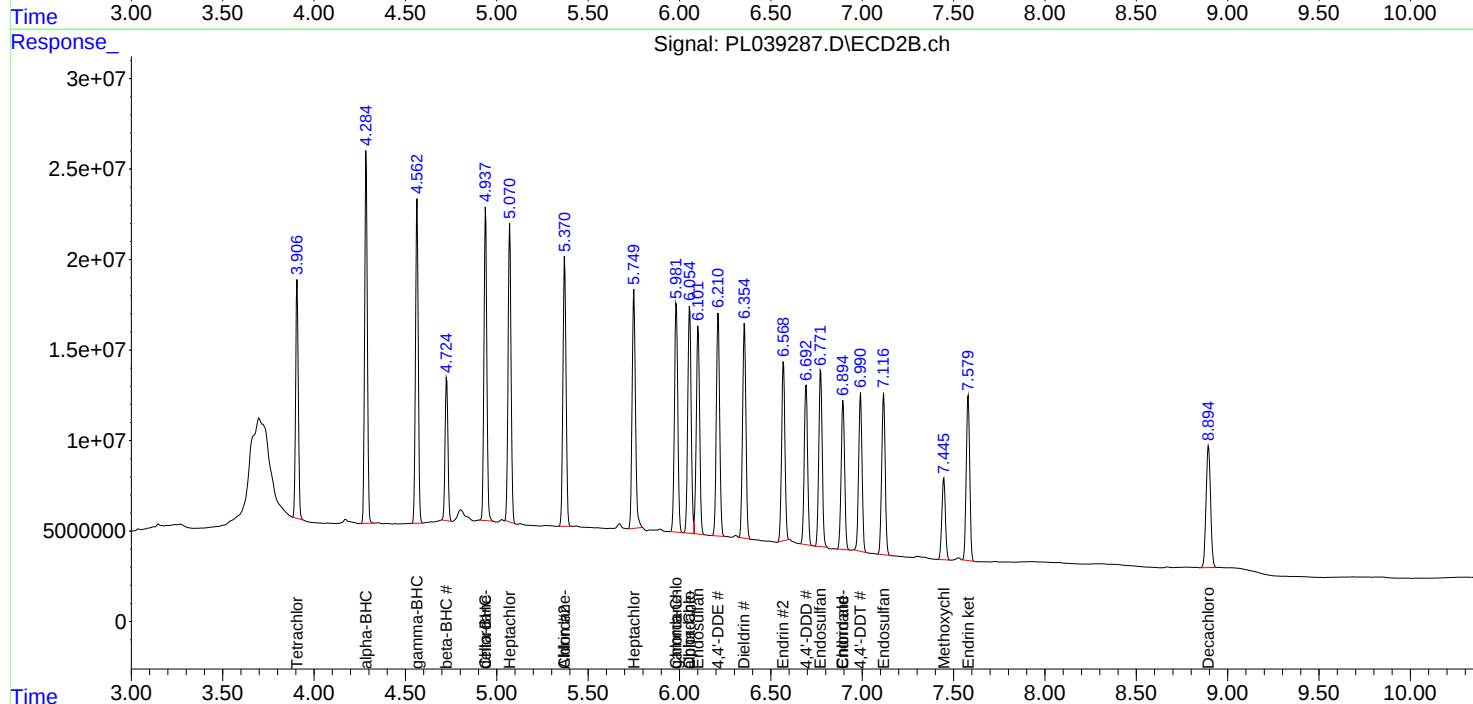
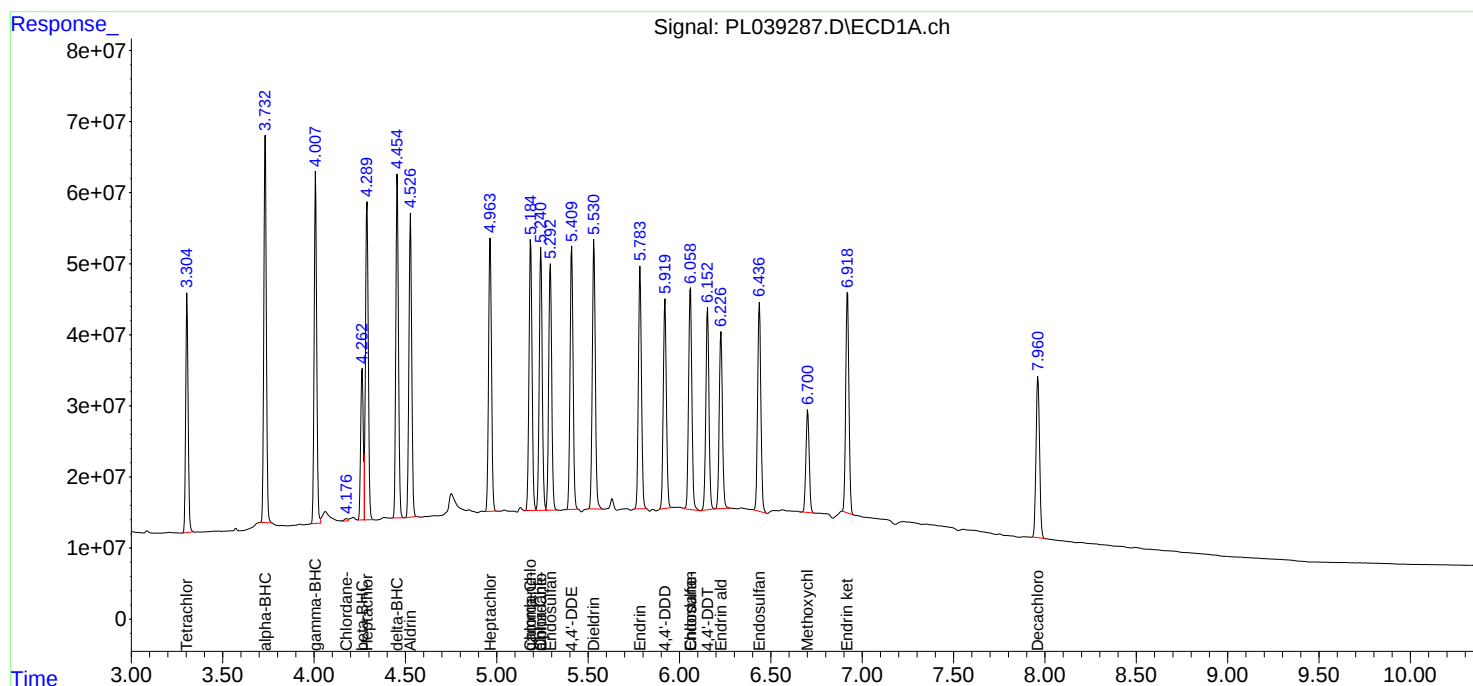
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

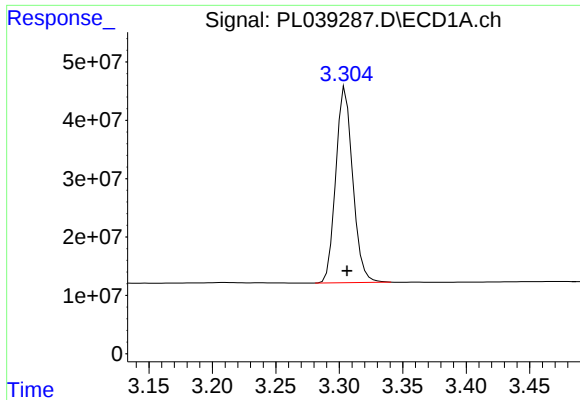
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081718\  
Data File : PL039287.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Aug 2018 22:49  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 18 00:12:31 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081318.M  
Quant Title : GC Extractables  
QLast Update : Wed Aug 15 15:04:22 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

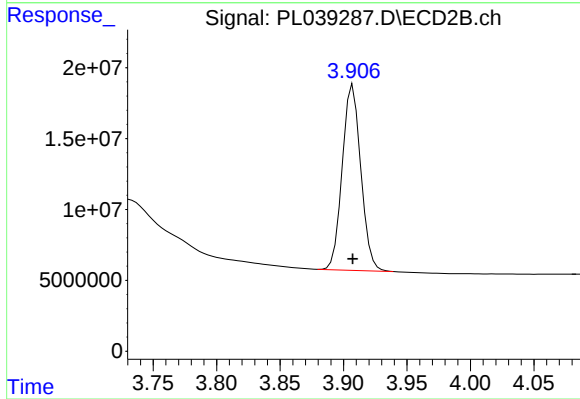




#1 Tetrachloro-m-xylene

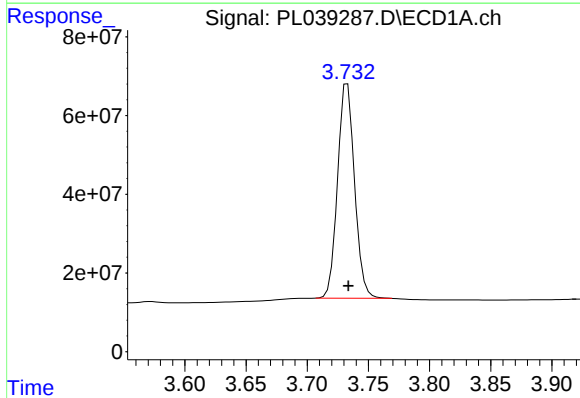
R.T.: 3.305 min  
Delta R.T.: -0.001 min  
Response: 311980259  
Conc: 44.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



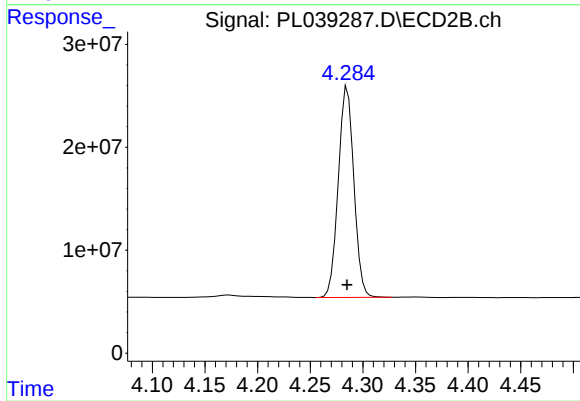
#1 Tetrachloro-m-xylene

R.T.: 3.907 min  
Delta R.T.: 0.000 min  
Response: 133088388  
Conc: 49.64 ng/ml



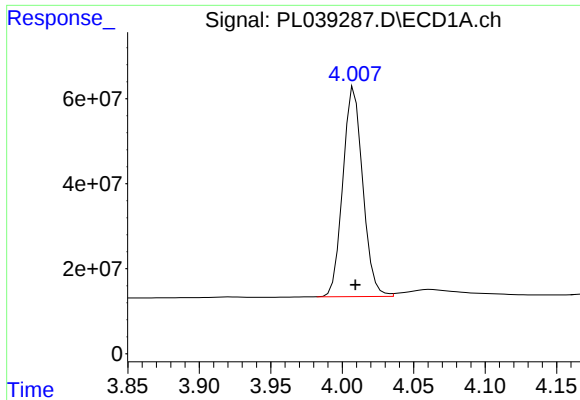
#2 alpha-BHC

R.T.: 3.733 min  
Delta R.T.: 0.000 min  
Response: 527556807  
Conc: 44.63 ng/ml



#2 alpha-BHC

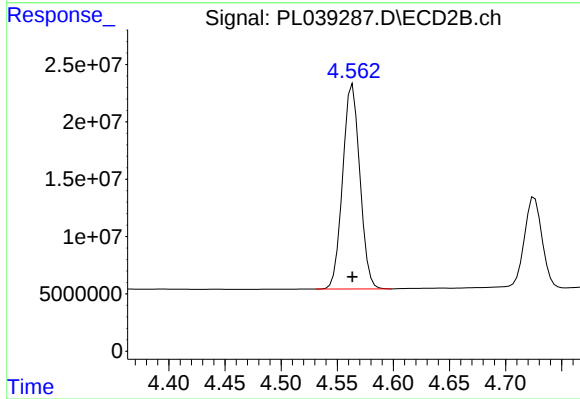
R.T.: 4.285 min  
Delta R.T.: 0.000 min  
Response: 211366021  
Conc: 50.19 ng/ml



#3 gamma-BHC (Lindane)

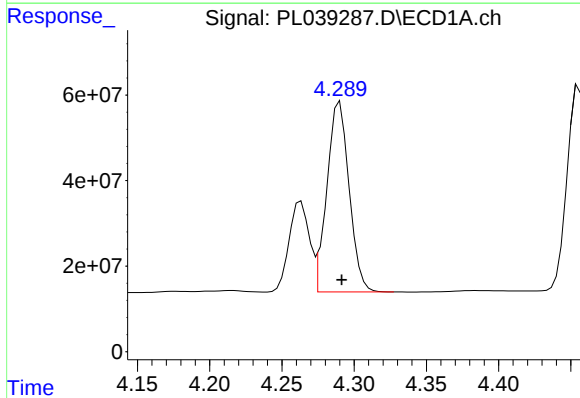
R.T.: 4.008 min  
Delta R.T.: 0.000 min  
Response: 477447725  
Conc: 45.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



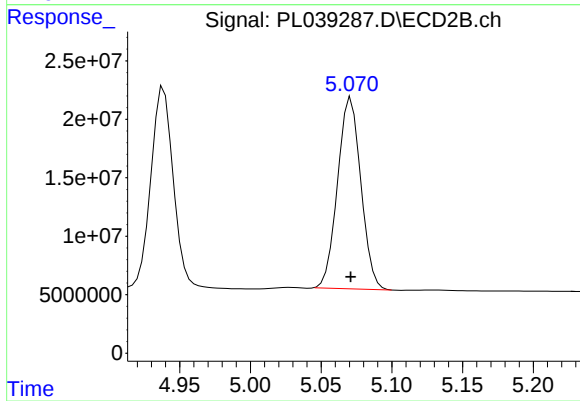
#3 gamma-BHC (Lindane)

R.T.: 4.564 min  
Delta R.T.: 0.000 min  
Response: 190256007  
Conc: 47.25 ng/ml



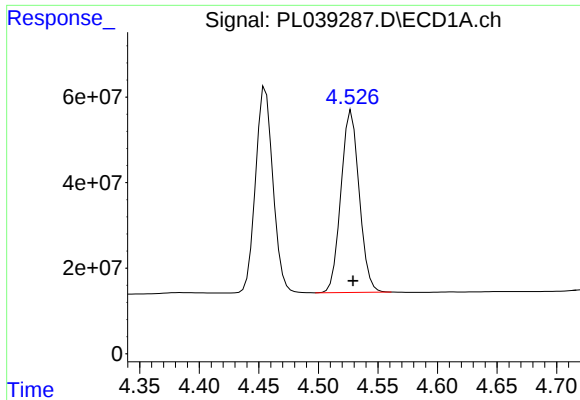
#4 Heptachlor

R.T.: 4.290 min  
Delta R.T.: -0.001 min  
Response: 476029051  
Conc: 45.22 ng/ml



#4 Heptachlor

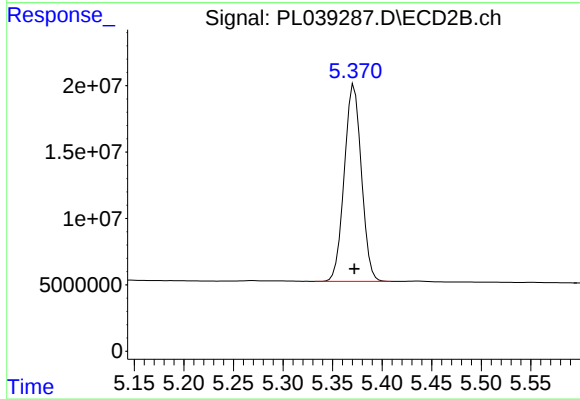
R.T.: 5.071 min  
Delta R.T.: 0.000 min  
Response: 187827570  
Conc: 52.53 ng/ml



#5 Aldrin

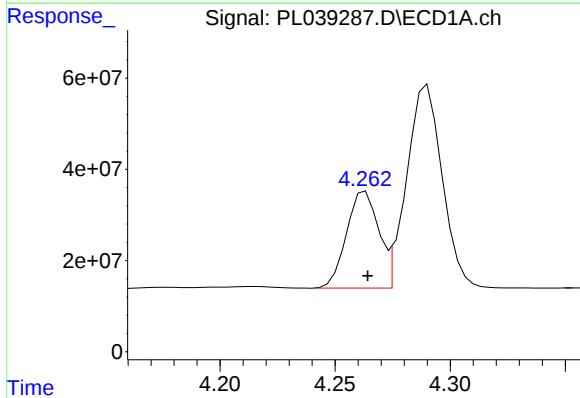
R.T.: 4.528 min  
Delta R.T.: -0.001 min  
Response: 453994217  
Conc: 45.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



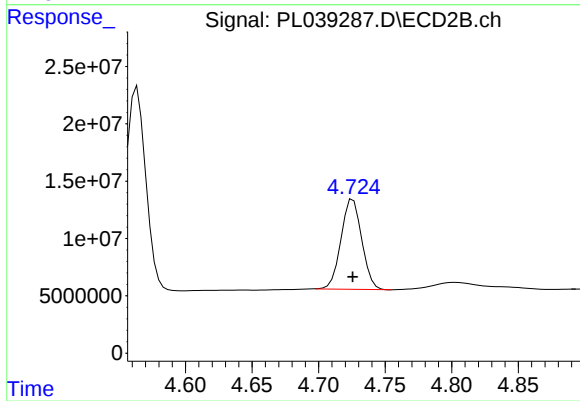
#5 Aldrin

R.T.: 5.372 min  
Delta R.T.: 0.000 min  
Response: 177967289  
Conc: 50.27 ng/ml



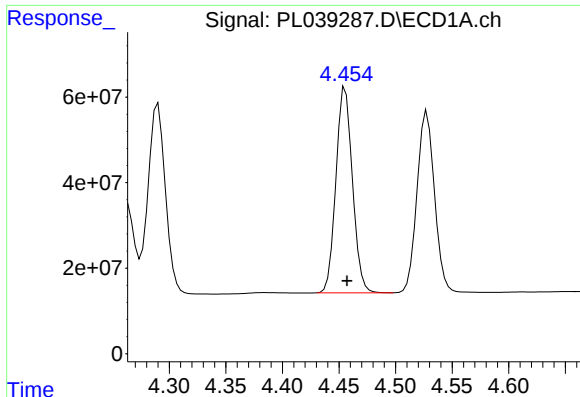
#6 beta-BHC

R.T.: 4.263 min  
Delta R.T.: 0.000 min  
Response: 206275457  
Conc: 44.40 ng/ml



#6 beta-BHC

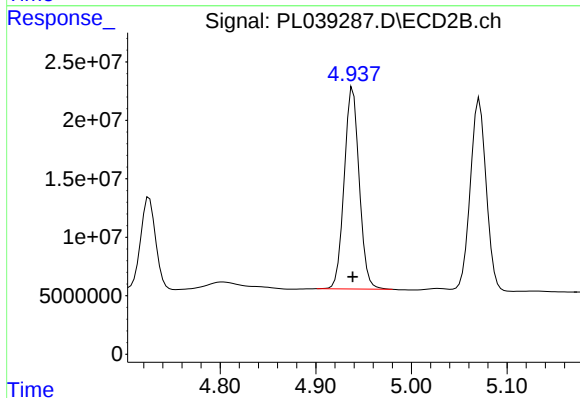
R.T.: 4.726 min  
Delta R.T.: 0.000 min  
Response: 85234377  
Conc: 48.66 ng/ml



#7 delta-BHC

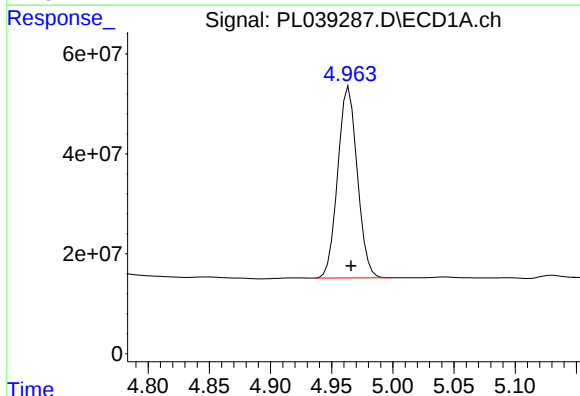
R.T.: 4.456 min  
Delta R.T.: -0.001 min  
Response: 488129344  
Conc: 44.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



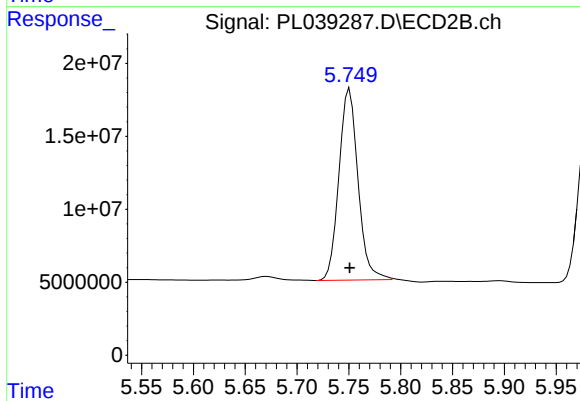
#7 delta-BHC

R.T.: 4.939 min  
Delta R.T.: 0.000 min  
Response: 189082647  
Conc: 47.49 ng/ml



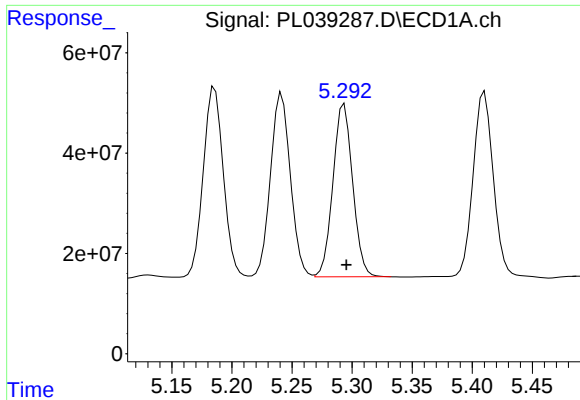
#8 Heptachlor epoxide

R.T.: 4.964 min  
Delta R.T.: -0.002 min  
Response: 424614438  
Conc: 44.47 ng/ml



#8 Heptachlor epoxide

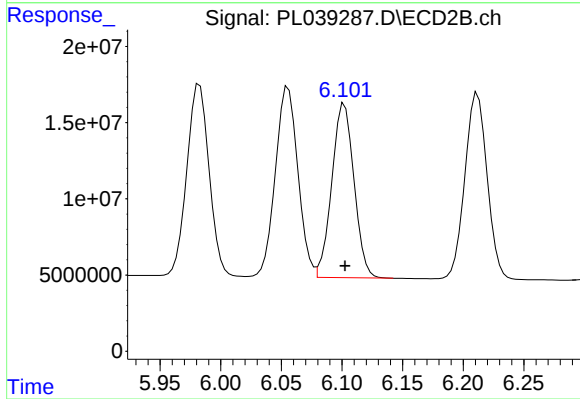
R.T.: 5.751 min  
Delta R.T.: 0.000 min  
Response: 168011766  
Conc: 49.96 ng/ml



#9 Endosulfan I

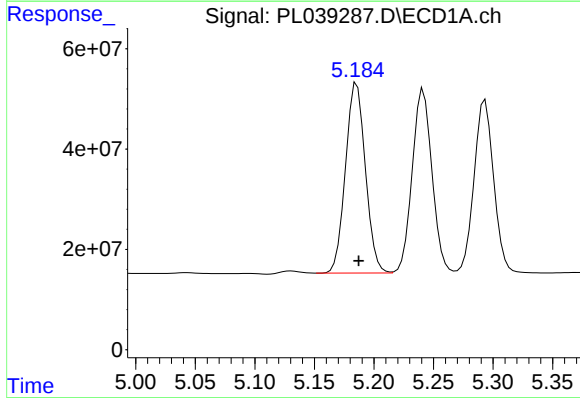
R.T.: 5.293 min  
Delta R.T.: -0.002 min  
Response: 394286478  
Conc: 45.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



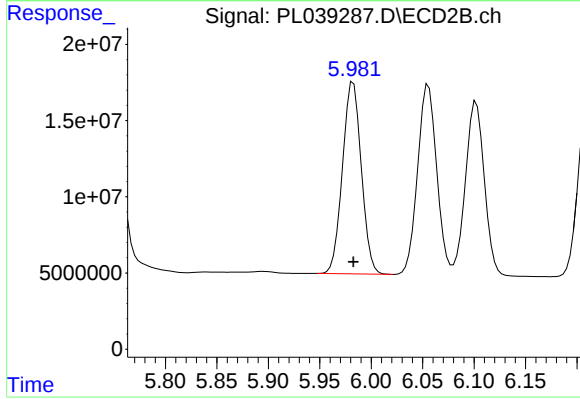
#9 Endosulfan I

R.T.: 6.102 min  
Delta R.T.: 0.000 min  
Response: 145430014  
Conc: 49.57 ng/ml



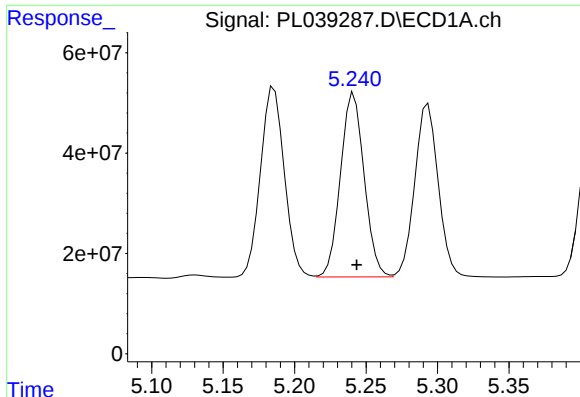
#10 gamma-Chlordane

R.T.: 5.186 min  
Delta R.T.: -0.002 min  
Response: 440808375  
Conc: 44.63 ng/ml



#10 gamma-Chlordane

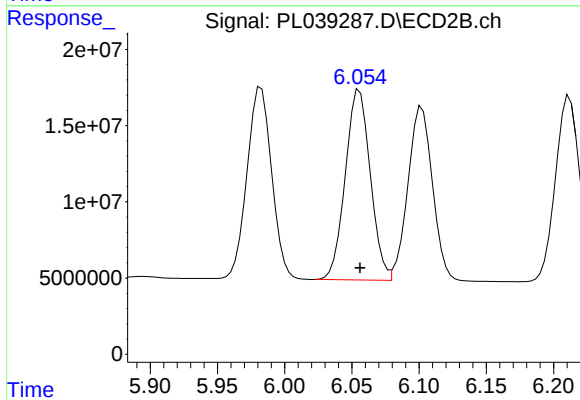
R.T.: 5.983 min  
Delta R.T.: 0.000 min  
Response: 160481992  
Conc: 49.59 ng/ml



#11 alpha-Chlordane

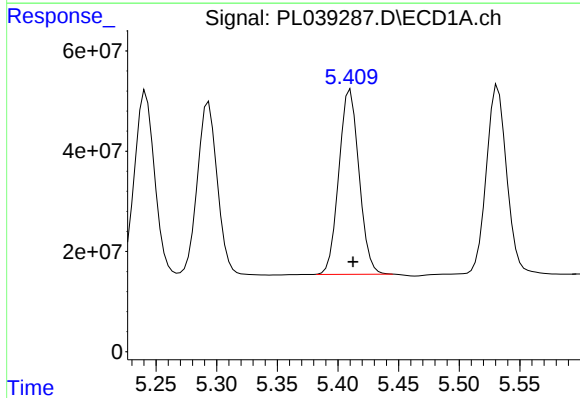
R.T.: 5.242 min  
Delta R.T.: -0.002 min  
Response: 423549169  
Conc: 44.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



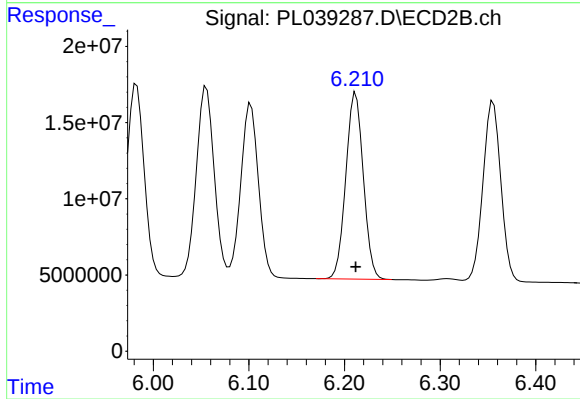
#11 alpha-Chlordane

R.T.: 6.056 min  
Delta R.T.: 0.000 min  
Response: 161557848  
Conc: 49.94 ng/ml



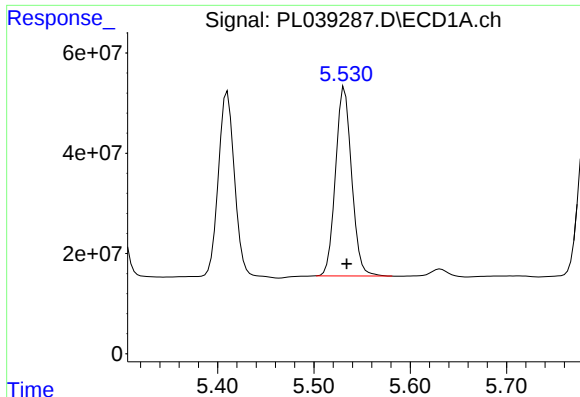
#12 4,4'-DDE

R.T.: 5.410 min  
Delta R.T.: -0.002 min  
Response: 426148662  
Conc: 44.50 ng/ml



#12 4,4'-DDE

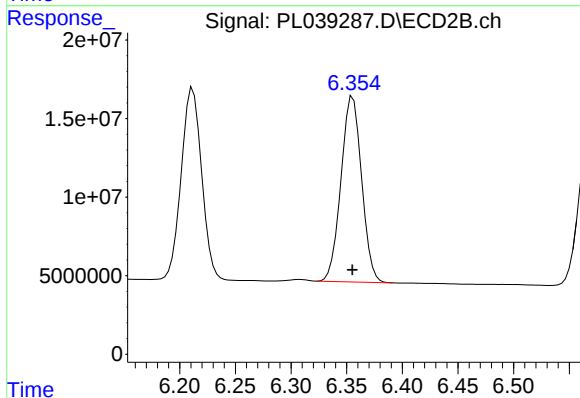
R.T.: 6.212 min  
Delta R.T.: 0.000 min  
Response: 156263682  
Conc: 50.54 ng/ml



#13 Dieldrin

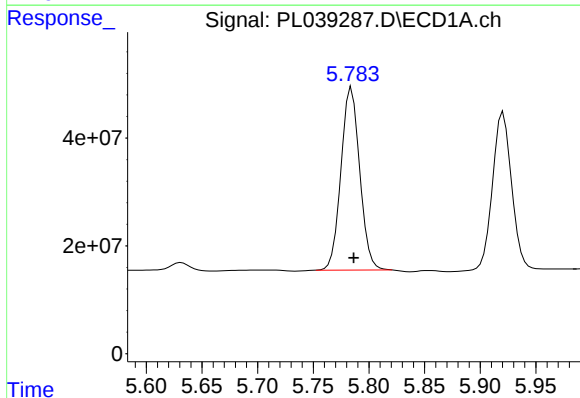
R.T.: 5.532 min  
Delta R.T.: -0.002 min  
Response: 438658875  
Conc: 44.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



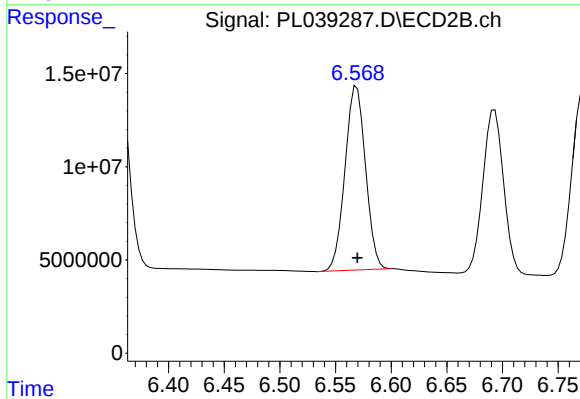
#13 Dieldrin

R.T.: 6.356 min  
Delta R.T.: 0.000 min  
Response: 152253403  
Conc: 50.26 ng/ml



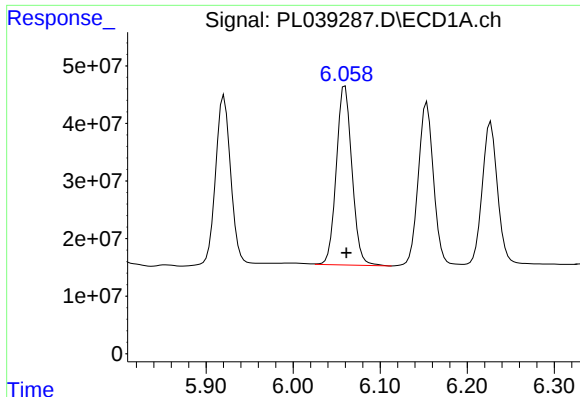
#14 Endrin

R.T.: 5.784 min  
Delta R.T.: -0.002 min  
Response: 396803326  
Conc: 44.33 ng/ml



#14 Endrin

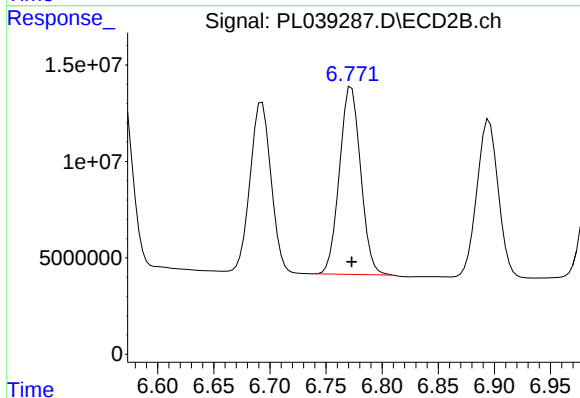
R.T.: 6.569 min  
Delta R.T.: 0.000 min  
Response: 126595637  
Conc: 49.24 ng/ml



#15 Endosulfan II

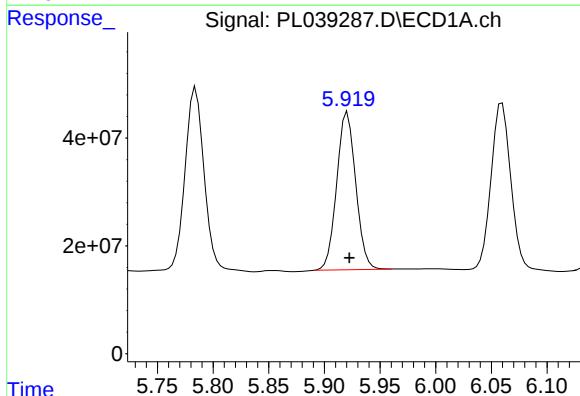
R.T.: 6.060 min  
Delta R.T.: -0.001 min  
Response: 388520237  
Conc: 44.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



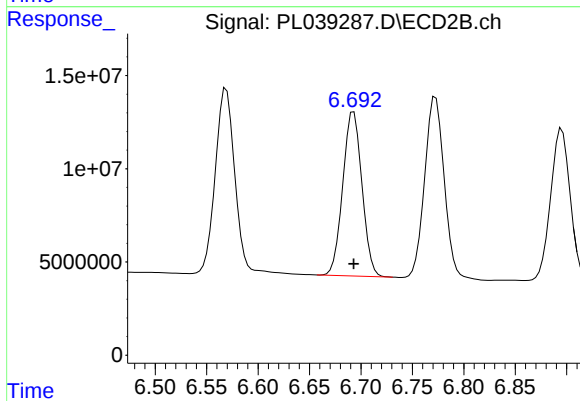
#15 Endosulfan II

R.T.: 6.773 min  
Delta R.T.: 0.000 min  
Response: 127757987  
Conc: 49.74 ng/ml



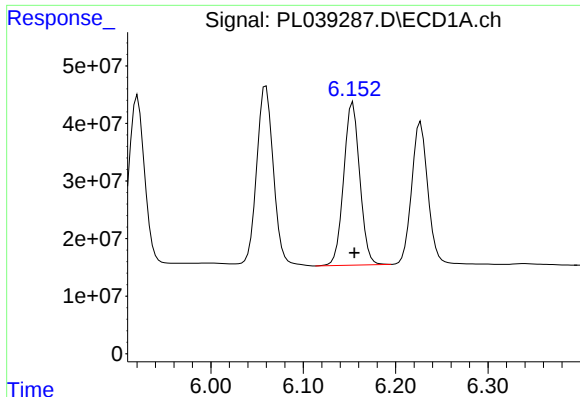
#16 4,4'-DDD

R.T.: 5.921 min  
Delta R.T.: -0.002 min  
Response: 348210765  
Conc: 43.69 ng/ml



#16 4,4'-DDD

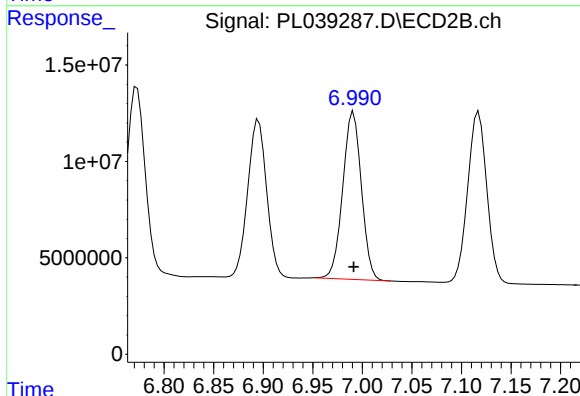
R.T.: 6.693 min  
Delta R.T.: 0.000 min  
Response: 114042361  
Conc: 50.92 ng/ml



#17 4,4'-DDT

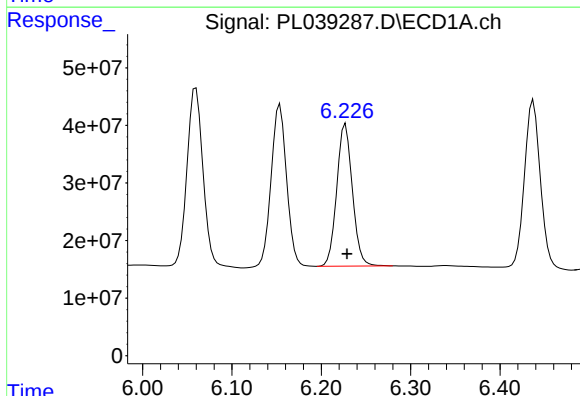
R.T.: 6.154 min  
Delta R.T.: -0.002 min  
Response: 341805038  
Conc: 45.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



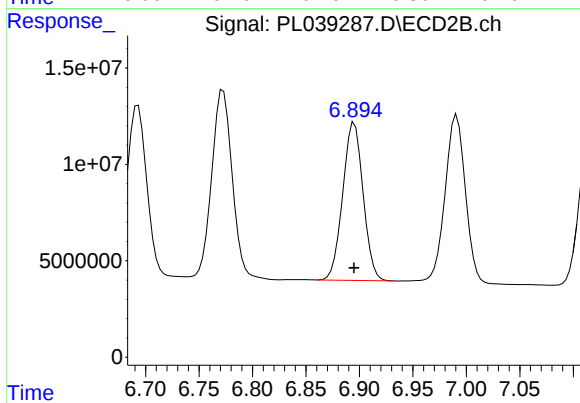
#17 4,4'-DDT

R.T.: 6.991 min  
Delta R.T.: 0.000 min  
Response: 113694674  
Conc: 48.30 ng/ml



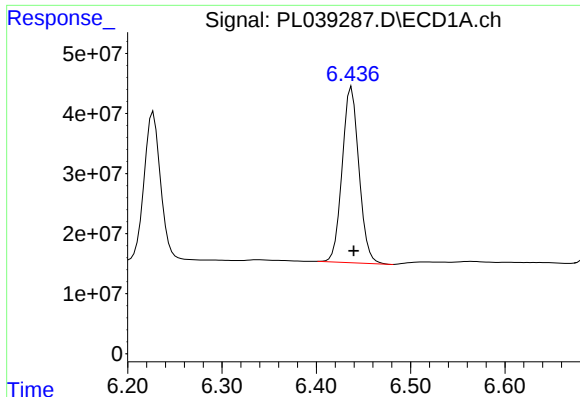
#18 Endrin aldehyde

R.T.: 6.227 min  
Delta R.T.: -0.002 min  
Response: 300110765  
Conc: 44.28 ng/ml



#18 Endrin aldehyde

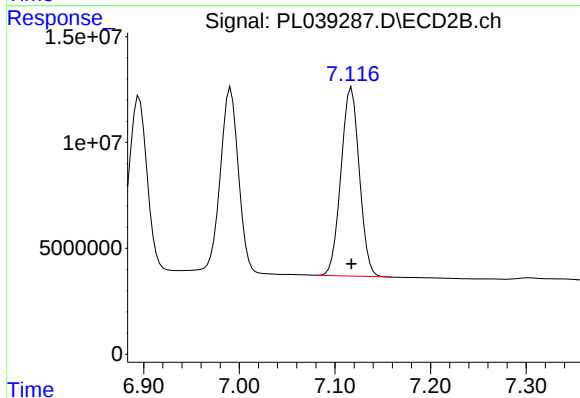
R.T.: 6.895 min  
Delta R.T.: 0.000 min  
Response: 108492820  
Conc: 49.97 ng/ml



#19 Endosulfan Sulfate

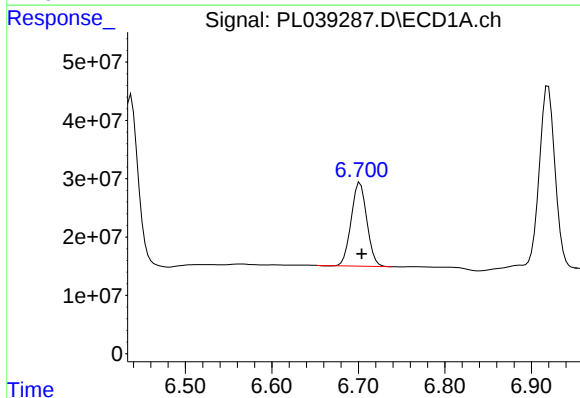
R.T.: 6.437 min  
Delta R.T.: -0.002 min  
Response: 361875771  
Conc: 44.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



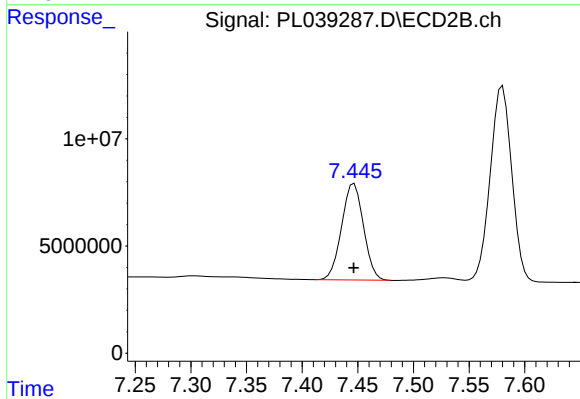
#19 Endosulfan Sulfate

R.T.: 7.117 min  
Delta R.T.: 0.000 min  
Response: 119112758  
Conc: 49.69 ng/ml



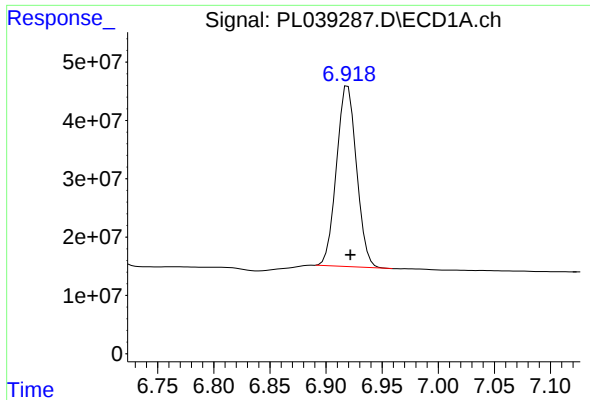
#20 Methoxychlor

R.T.: 6.702 min  
Delta R.T.: -0.002 min  
Response: 179900854  
Conc: 43.96 ng/ml



#20 Methoxychlor

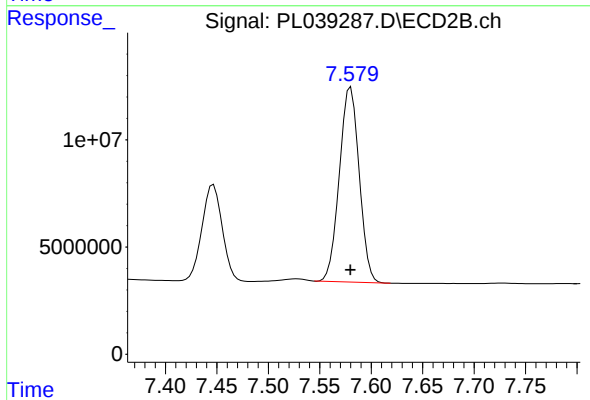
R.T.: 7.447 min  
Delta R.T.: 0.000 min  
Response: 61481755  
Conc: 49.64 ng/ml



#21 Endrin ketone

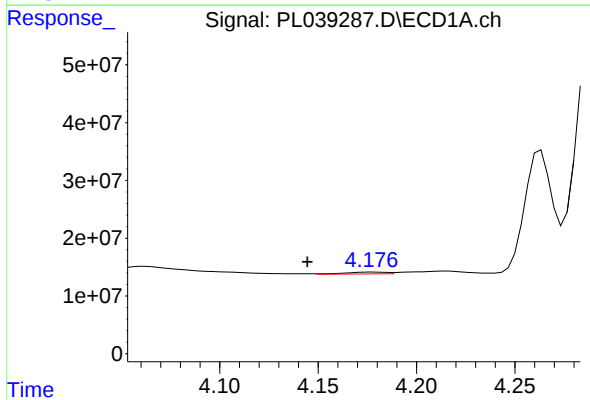
R.T.: 6.920 min  
Delta R.T.: -0.002 min  
Response: 384736067  
Conc: 44.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



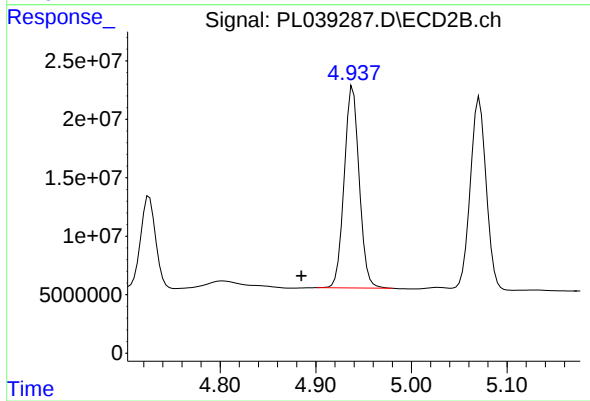
#21 Endrin ketone

R.T.: 7.580 min  
Delta R.T.: 0.000 min  
Response: 121799497  
Conc: 49.29 ng/ml



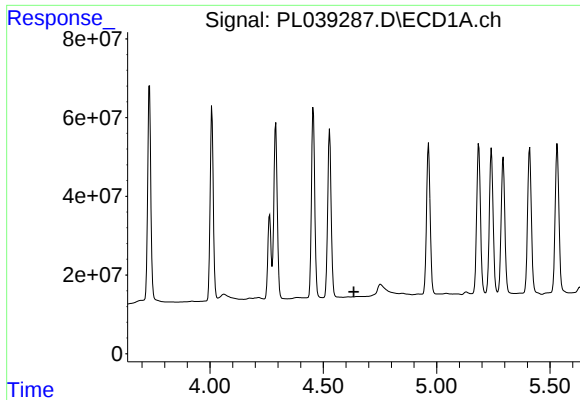
#23 Chlordane-1

R.T.: 4.177 min  
Delta R.T.: 0.033 min  
Response: 4489865  
Conc: 14.18 ng/ml



#23 Chlordane-1

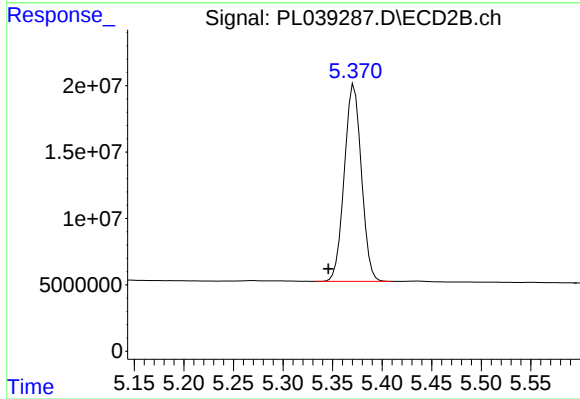
R.T.: 4.939 min  
Delta R.T.: 0.054 min  
Response: 189082647  
Conc: 1513.45 ng/ml



#24 Chlordane-2

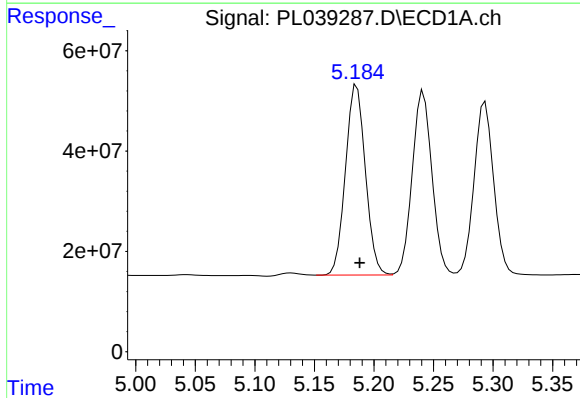
R.T.: 0.000 min  
Exp R.T.: 4.635 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



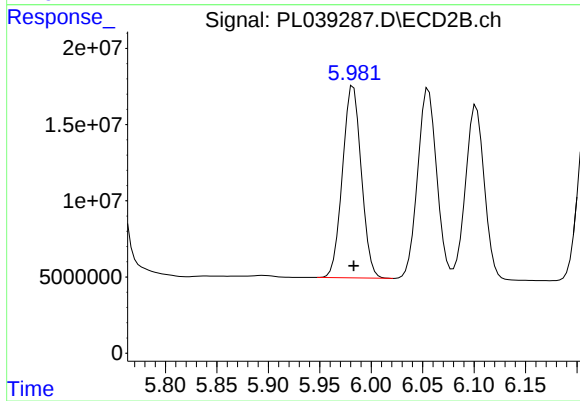
#24 Chlordane-2

R.T.: 5.372 min  
Delta R.T.: 0.026 min  
Response: 177967289  
Conc: 1405.02 ng/ml



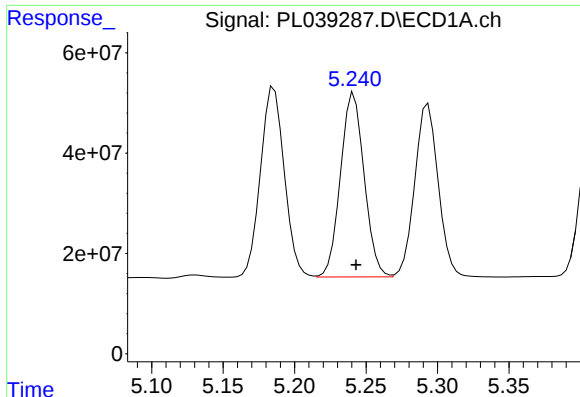
#25 Chlordane-3

R.T.: 5.186 min  
Delta R.T.: -0.002 min  
Response: 440808375  
Conc: 403.57 ng/ml



#25 Chlordane-3

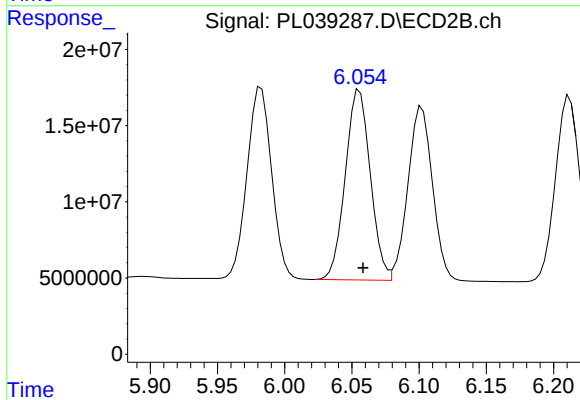
R.T.: 5.983 min  
Delta R.T.: 0.000 min  
Response: 160481992  
Conc: 372.90 ng/ml



#26 Chlordane-4

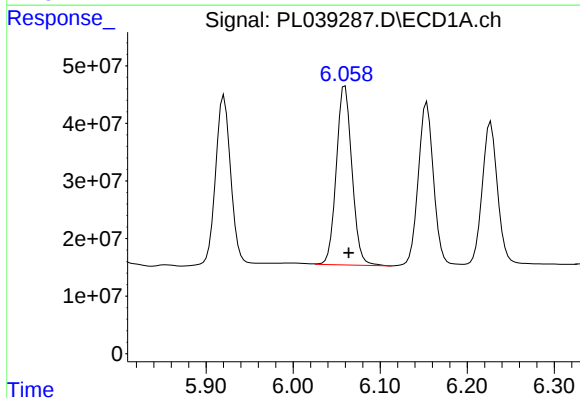
R.T.: 5.242 min  
Delta R.T.: -0.001 min  
Response: 423549169  
Conc: 423.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



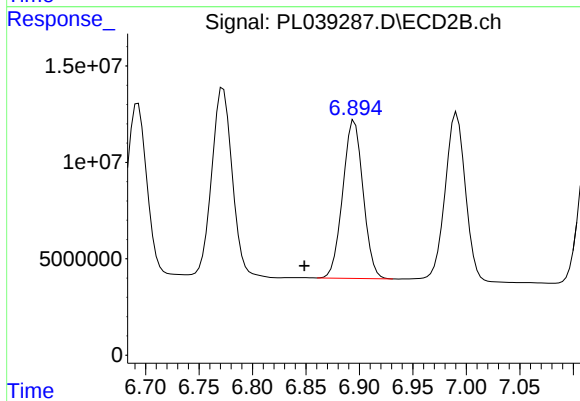
#26 Chlordane-4

R.T.: 6.056 min  
Delta R.T.: -0.003 min  
Response: 161557848  
Conc: 311.46 ng/ml



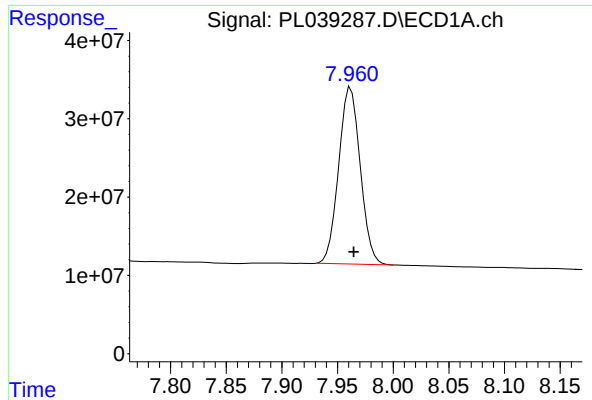
#27 Chlordane-5

R.T.: 6.060 min  
Delta R.T.: -0.004 min  
Response: 388520237  
Conc: 1197.92 ng/ml



#27 Chlordane-5

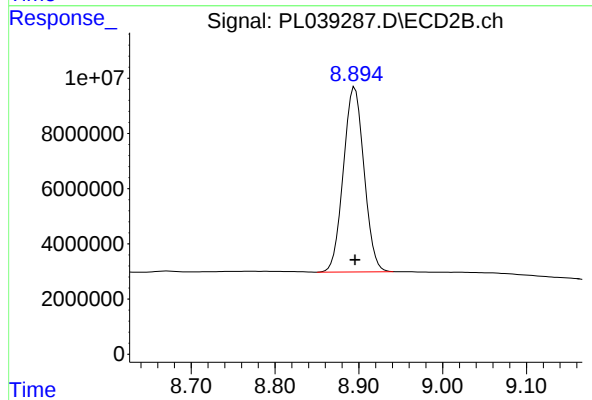
R.T.: 6.895 min  
Delta R.T.: 0.047 min  
Response: 108492820  
Conc: 1172.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.962 min  
Delta R.T.: -0.002 min  
Response: 304123148  
Conc: 43.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.895 min  
Delta R.T.: 0.000 min  
Response: 114728056  
Conc: 49.44 ng/ml