

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062618\  
 Data File : PL037443.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Jun 2018 19:00  
 Operator : UA\AJ  
 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: Jun 27 05:13:22 2018  
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL062018.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 21 02:27:11 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... | 3.335 | 3.936 | 385.4E6  | 139.2E6  | 48.718   | 50.295     |
| 28)                         | SA Decachlor... | 8.014 | 8.947 | 310.5E6  | 95886541 | 51.463   | 48.331     |
| Target Compounds            |                 |       |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.765 | 4.315 | 607.5E6  | 200.3E6  | 49.623   | 51.630     |
| 3)                          | MA gamma-BHC... | 4.042 | 4.595 | 542.1E6  | 175.4E6  | 52.553   | 50.783     |
| 4)                          | MA Heptachlor   | 4.327 | 5.106 | 529.0E6  | 173.4E6  | 51.636   | 50.178     |
| 5)                          | MB Aldrin       | 4.567 | 5.409 | 522.9E6  | 157.0E6  | 51.372   | 50.058     |
| 6)                          | B beta-BHC      | 4.296 | 4.757 | 236.5E6  | 78944908 | 51.846   | 48.952     |
| 7)                          | B delta-BHC     | 4.491 | 4.971 | 538.5E6  | 161.7E6  | 50.903   | 57.351     |
| 8)                          | B Heptachlo...  | 5.005 | 5.788 | 489.8E6  | 150.7E6  | 52.287   | 52.848     |
| 9)                          | A Endosulfan I  | 5.337 | 6.141 | 432.4E6  | 125.2E6  | 51.104   | 48.825     |
| 10)                         | B gamma-Chl...  | 5.227 | 6.021 | 487.1E6  | 143.2E6  | 52.006   | 50.858     |
| 11)                         | B alpha-Chl...  | 5.284 | 6.095 | 465.9E6  | 141.4E6  | 51.306   | 49.132     |
| 12)                         | B 4,4'-DDE      | 5.453 | 6.250 | 464.3E6  | 123.4E6  | 52.572   | 48.485     |
| 13)                         | MA Dieldrin     | 5.577 | 6.395 | 457.1E6  | 131.9E6  | 51.627   | 49.419     |
| 14)                         | MA Endrin       | 5.830 | 6.609 | 405.3E6  | 115.2E6  | 51.451   | 50.100     |
| 15)                         | B Endosulfa...  | 6.104 | 6.812 | 379.8E6  | 115.8E6  | 51.653   | 46.696     |
| 16)                         | A 4,4'-DDD      | 5.965 | 6.731 | 346.1E6  | 99620284 | 52.701   | 48.532     |
| 17)                         | MA 4,4'-DDT     | 6.200 | 7.031 | 337.4E6  | 103.2E6  | 52.253   | 48.744     |
| 18)                         | B Endrin al...  | 6.273 | 6.935 | 289.5E6  | 96038001 | 51.836   | 47.726     |
| 19)                         | B Endosulfa...  | 6.484 | 7.157 | 341.1E6  | 106.6E6  | 50.989   | 48.991     |
| 20)                         | A Methoxychlor  | 6.749 | 7.485 | 171.7E6  | 58169165 | 50.524   | 51.967     |
| 21)                         | B Endrin ke...  | 6.968 | 7.621 | 355.9E6  | 108.8E6  | 50.038   | 53.611     |
| 23)                         | Chlordane-1     | 4.120 | 4.971 | 13132122 | 161.7E6  | 42.768   | 1346.075 # |
| 24)                         | Chlordane-2     | 0.000 | 5.409 | 0        | 157.0E6  | N.D.     | 1240.940 # |
| 25)                         | Chlordane-3     | 5.227 | 6.021 | 487.1E6  | 143.2E6  | 458.270  | 366.253    |
| 26)                         | Chlordane-4     | 5.284 | 6.095 | 465.9E6  | 141.4E6  | 483.575  | 295.112 #  |
| 27)                         | Chlordane-5     | 5.830 | 6.935 | 405.3E6  | 96038001 | 3097.094 | 1067.290 # |
| -----                       |                 |       |       |          |          |          |            |

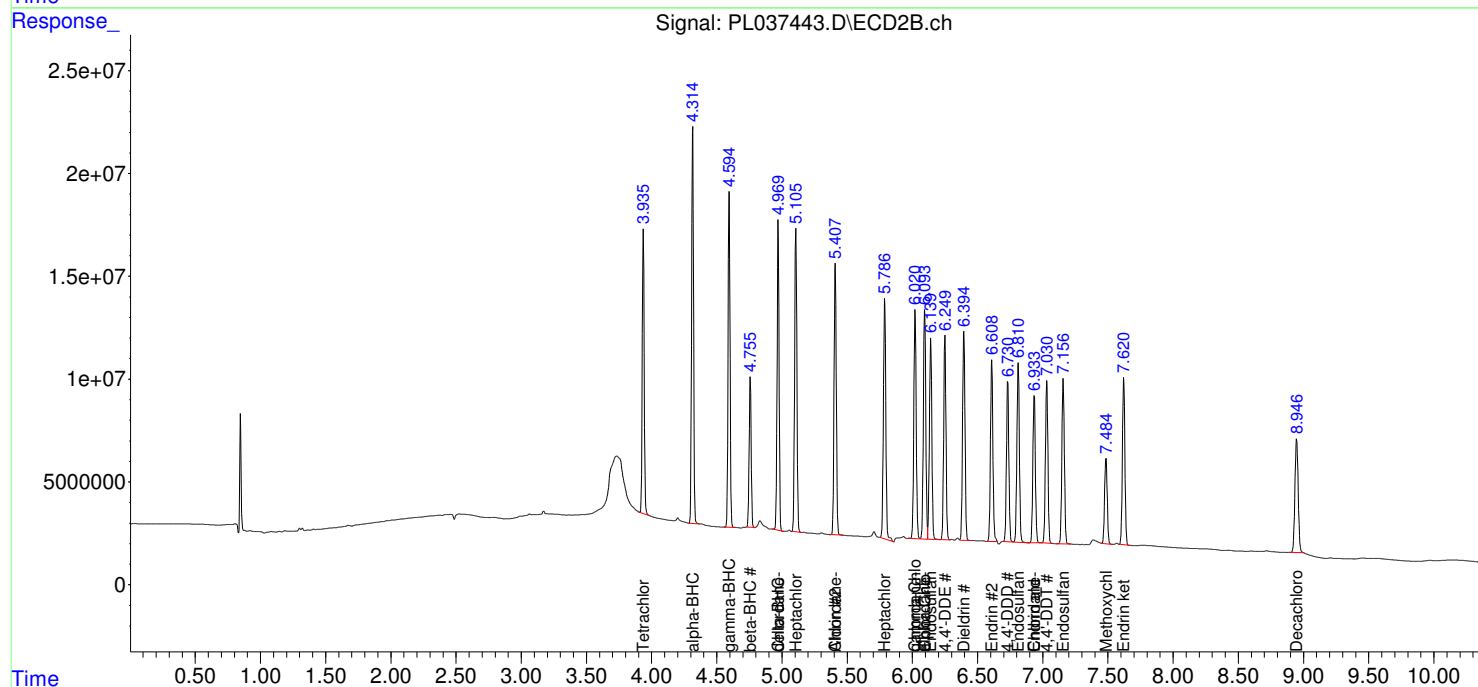
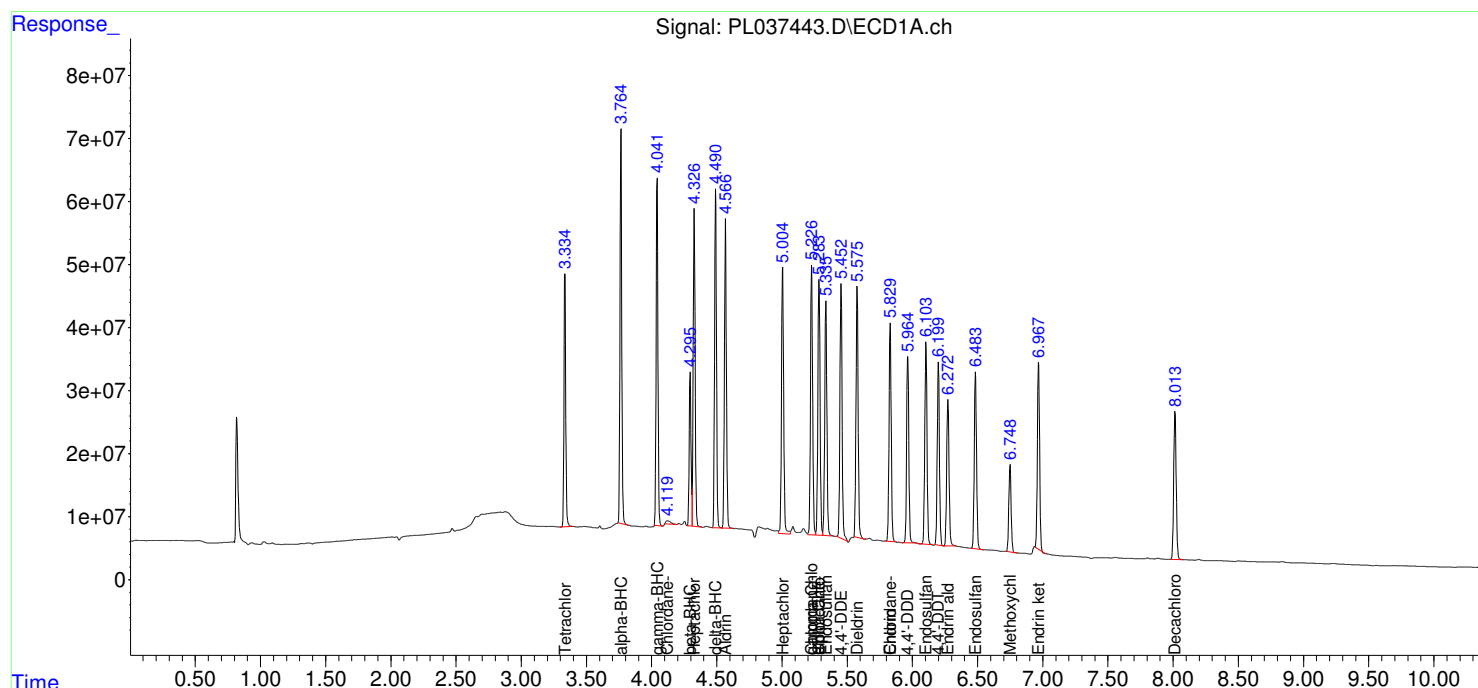
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

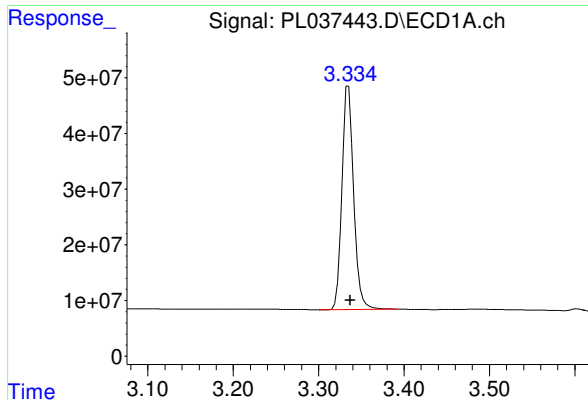
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062618\  
Data File : PL037443.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Jun 2018 19:00  
Operator : UA\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 27 05:13:22 2018  
Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD\_L\methods\PL062018.M  
Quant Title : GC Extractables  
QLast Update : Thu Jun 21 02:27:11 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

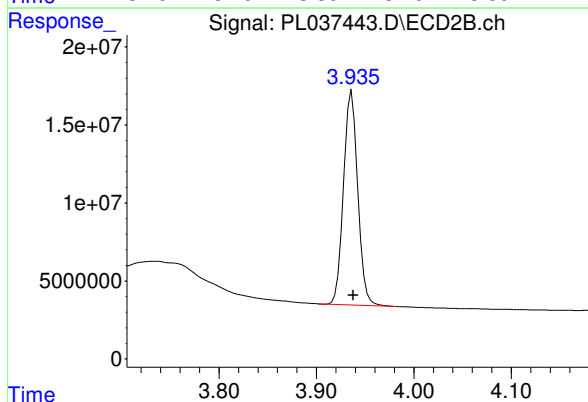




#1 Tetrachloro-m-xylene

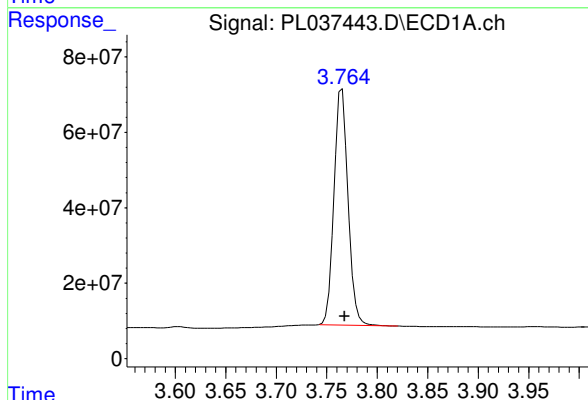
R.T.: 3.335 min  
Delta R.T.: -0.002 min  
Response: 385372122  
Conc: 48.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



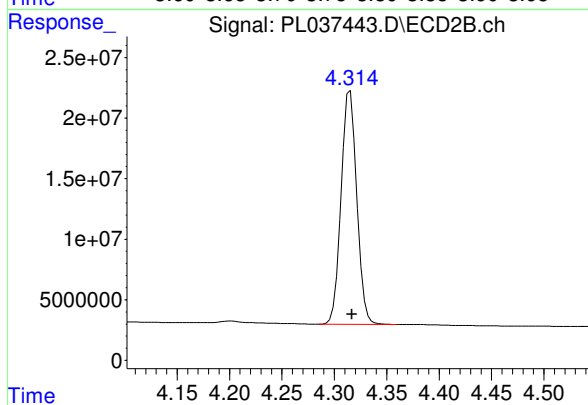
#1 Tetrachloro-m-xylene

R.T.: 3.936 min  
Delta R.T.: -0.001 min  
Response: 139153505  
Conc: 50.30 ng/ml



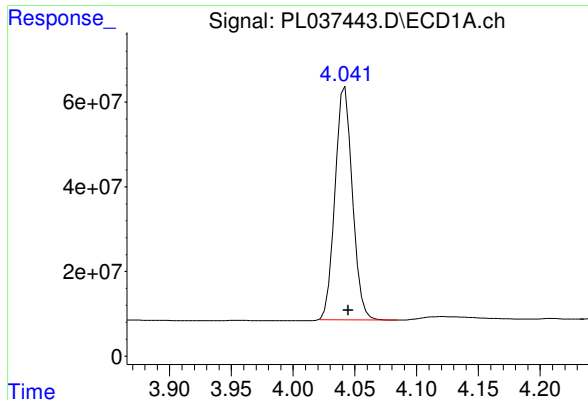
#2 alpha-BHC

R.T.: 3.765 min  
Delta R.T.: -0.002 min  
Response: 607526827  
Conc: 49.62 ng/ml



#2 alpha-BHC

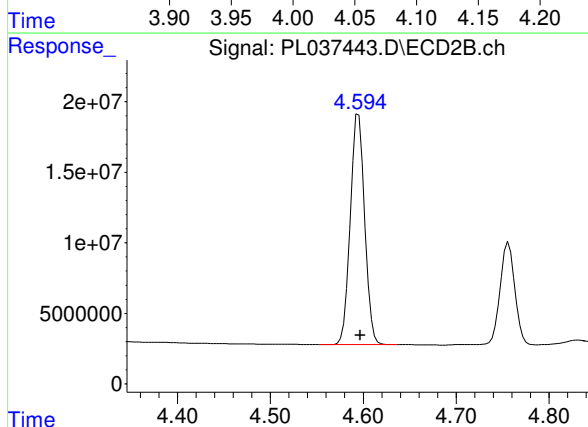
R.T.: 4.315 min  
Delta R.T.: -0.001 min  
Response: 200337206  
Conc: 51.63 ng/ml



#3 gamma-BHC (Lindane)

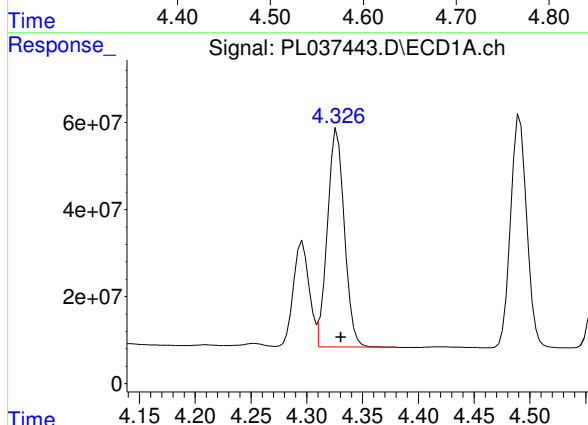
R.T.: 4.042 min  
Delta R.T.: -0.002 min  
Response: 542066353  
Conc: 52.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



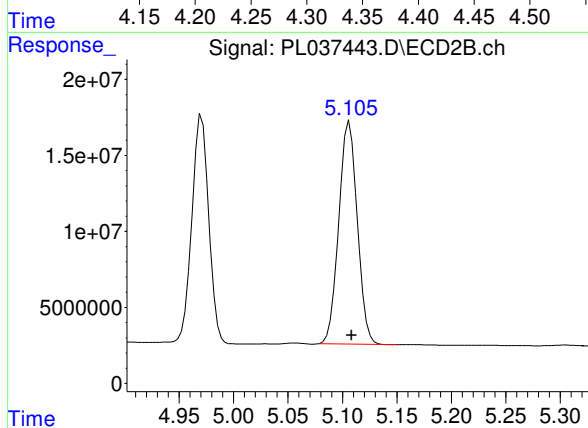
#3 gamma-BHC (Lindane)

R.T.: 4.595 min  
Delta R.T.: -0.002 min  
Response: 175389066  
Conc: 50.78 ng/ml



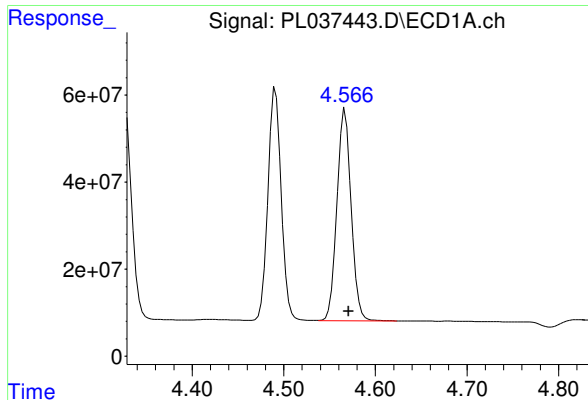
#4 Heptachlor

R.T.: 4.327 min  
Delta R.T.: -0.003 min  
Response: 529031339  
Conc: 51.64 ng/ml



#4 Heptachlor

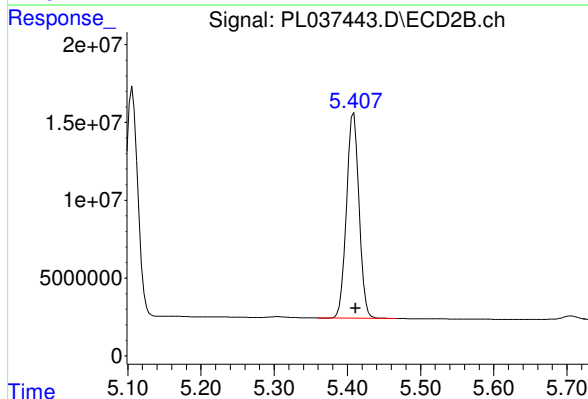
R.T.: 5.106 min  
Delta R.T.: -0.002 min  
Response: 173435871  
Conc: 50.18 ng/ml



#5 Aldrin

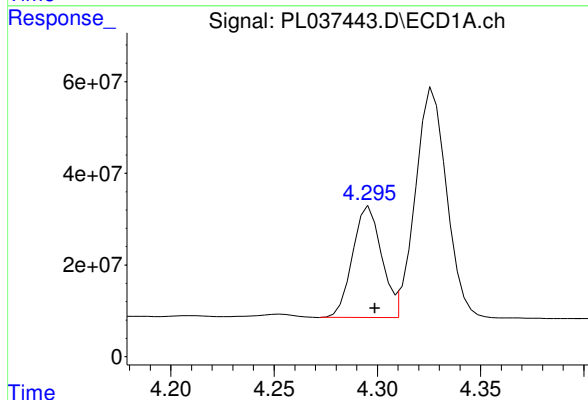
R.T.: 4.567 min  
Delta R.T.: -0.004 min  
Response: 522899453  
Conc: 51.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



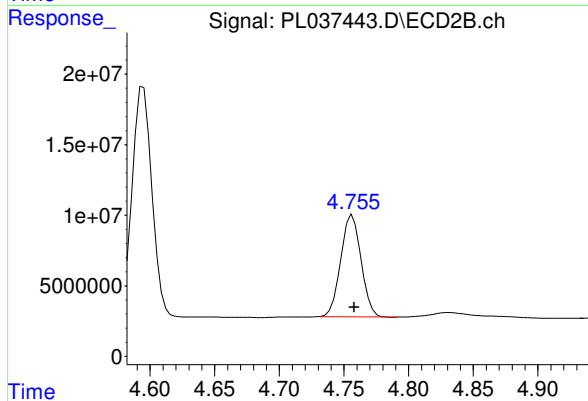
#5 Aldrin

R.T.: 5.409 min  
Delta R.T.: -0.002 min  
Response: 157041915  
Conc: 50.06 ng/ml



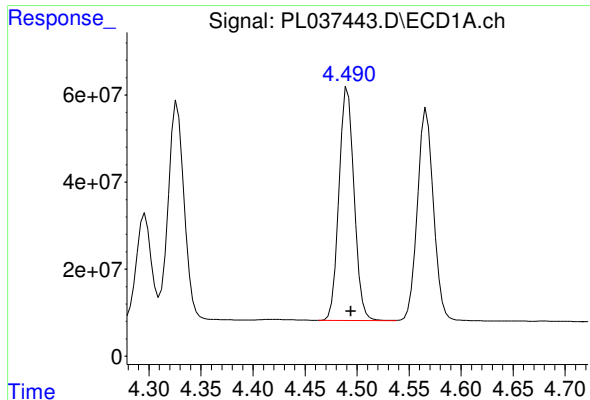
#6 beta-BHC

R.T.: 4.296 min  
Delta R.T.: -0.003 min  
Response: 236465894  
Conc: 51.85 ng/ml



#6 beta-BHC

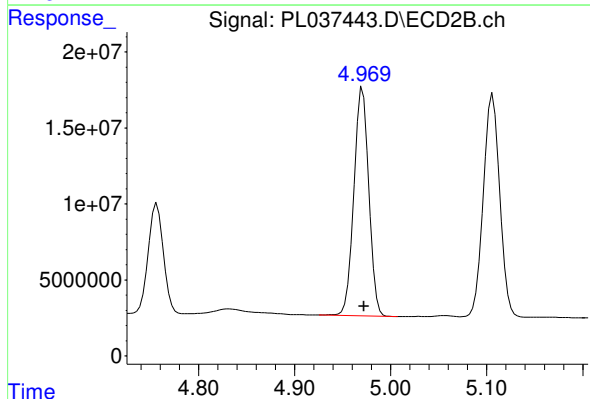
R.T.: 4.757 min  
Delta R.T.: -0.001 min  
Response: 78944908  
Conc: 48.95 ng/ml



#7 delta-BHC

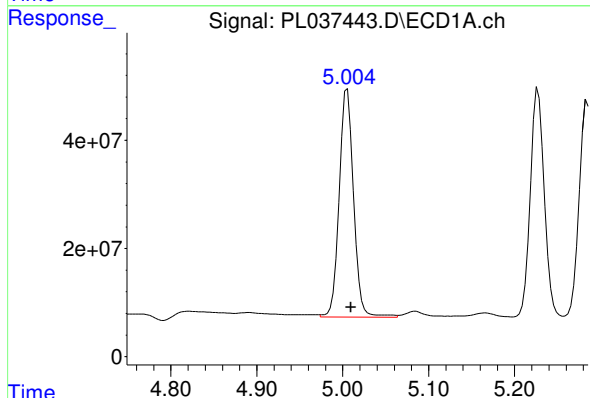
R.T.: 4.491 min  
Delta R.T.: -0.003 min  
Response: 538500278  
Conc: 50.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



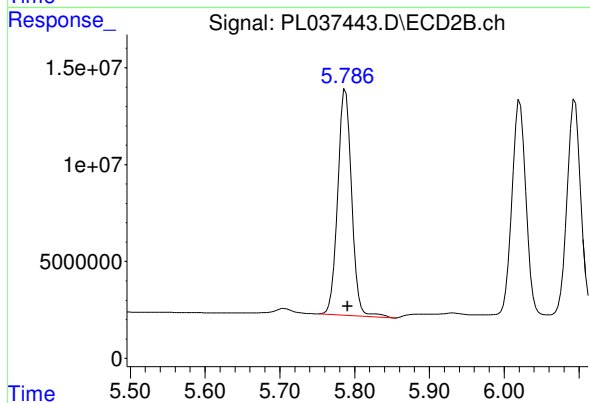
#7 delta-BHC

R.T.: 4.971 min  
Delta R.T.: -0.001 min  
Response: 161745696  
Conc: 57.35 ng/ml



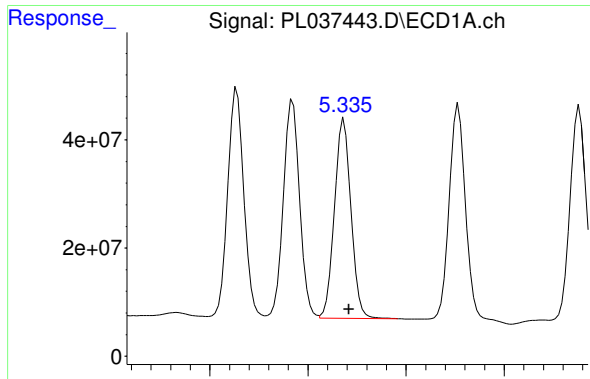
#8 Heptachlor epoxide

R.T.: 5.005 min  
Delta R.T.: -0.004 min  
Response: 489769875  
Conc: 52.29 ng/ml



#8 Heptachlor epoxide

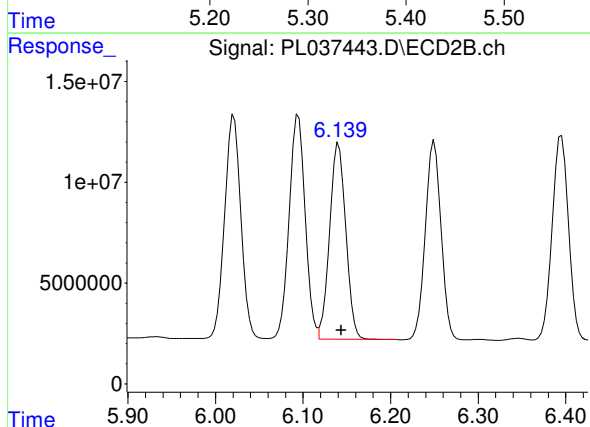
R.T.: 5.788 min  
Delta R.T.: -0.003 min  
Response: 150652326  
Conc: 52.85 ng/ml



#9 Endosulfan I

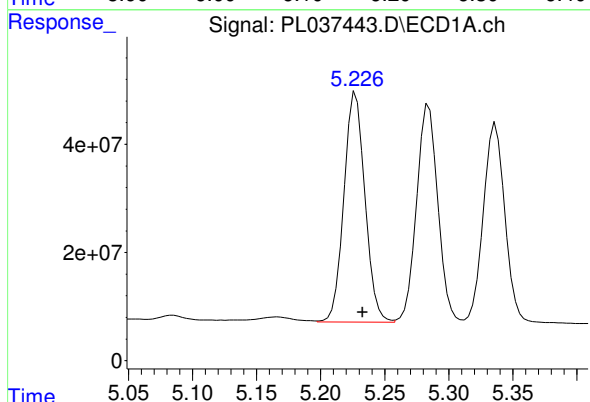
R.T.: 5.337 min  
Delta R.T.: -0.005 min  
Response: 432382152  
Conc: 51.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



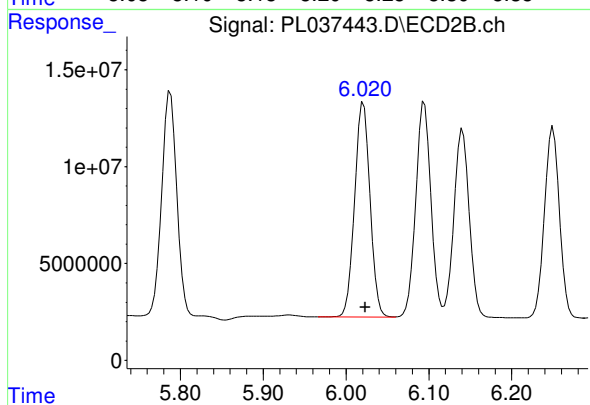
#9 Endosulfan I

R.T.: 6.141 min  
Delta R.T.: -0.003 min  
Response: 125225705  
Conc: 48.82 ng/ml



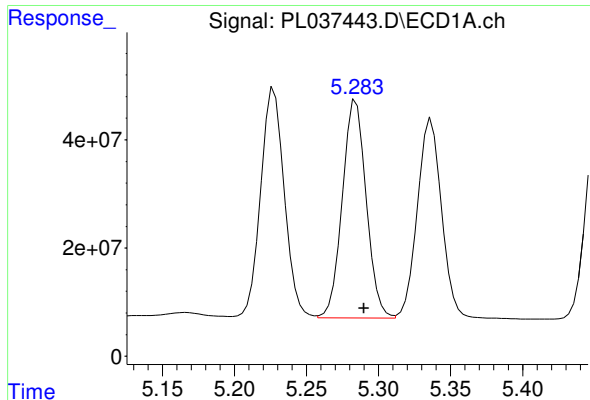
#10 gamma-Chlordane

R.T.: 5.227 min  
Delta R.T.: -0.005 min  
Response: 487104361  
Conc: 52.01 ng/ml



#10 gamma-Chlordane

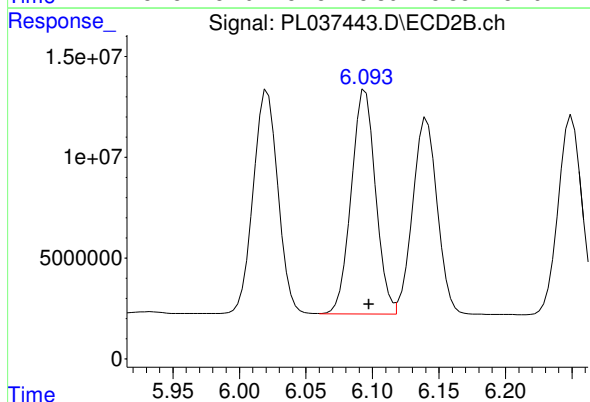
R.T.: 6.021 min  
Delta R.T.: -0.002 min  
Response: 143235934  
Conc: 50.86 ng/ml



#11 alpha-Chlordane

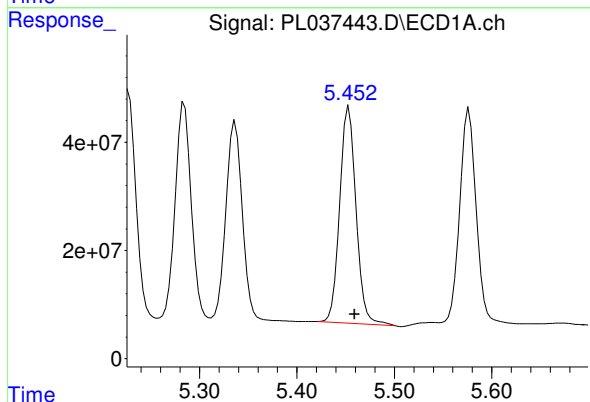
R.T.: 5.284 min  
Delta R.T.: -0.005 min  
Response: 465928257  
Conc: 51.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



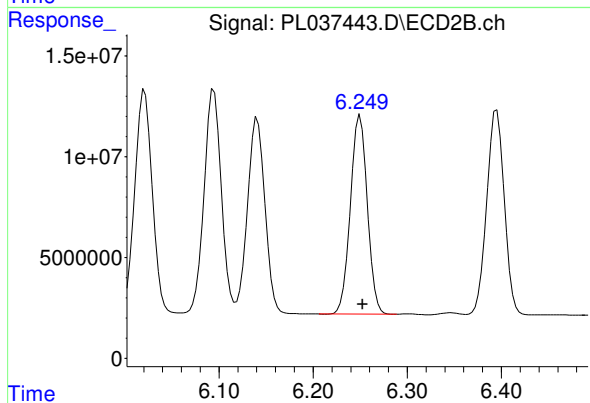
#11 alpha-Chlordane

R.T.: 6.095 min  
Delta R.T.: -0.003 min  
Response: 141415270  
Conc: 49.13 ng/ml



#12 4,4'-DDE

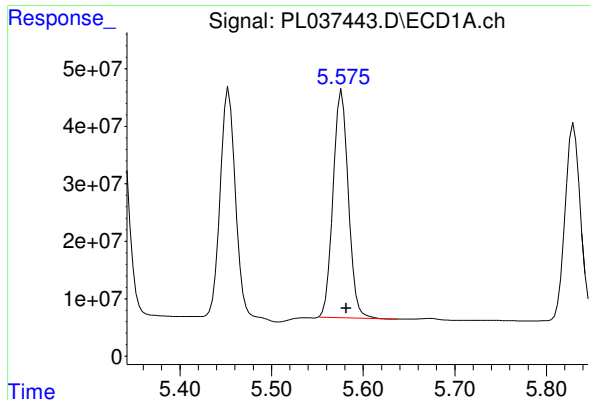
R.T.: 5.453 min  
Delta R.T.: -0.006 min  
Response: 464347667  
Conc: 52.57 ng/ml



#12 4,4'-DDE

R.T.: 6.250 min  
Delta R.T.: -0.002 min  
Response: 123378571  
Conc: 48.49 ng/ml

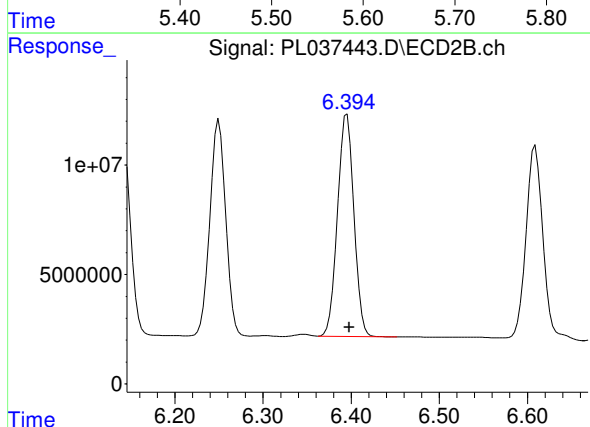




#13 Dieldrin

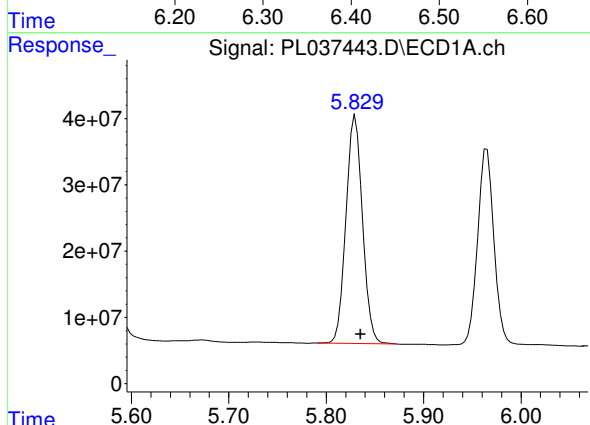
R.T.: 5.577 min  
Delta R.T.: -0.005 min  
Response: 457063555  
Conc: 51.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



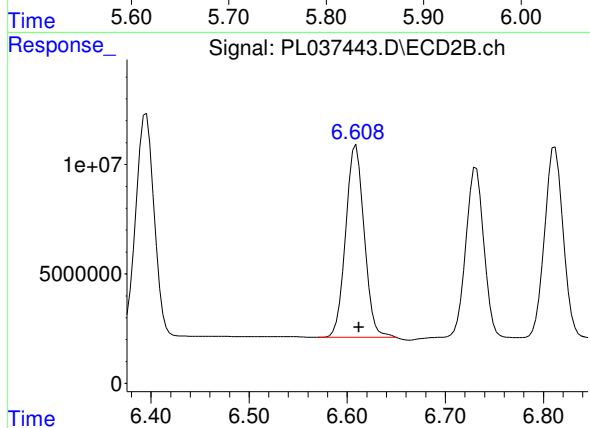
#13 Dieldrin

R.T.: 6.395 min  
Delta R.T.: -0.002 min  
Response: 131911387  
Conc: 49.42 ng/ml



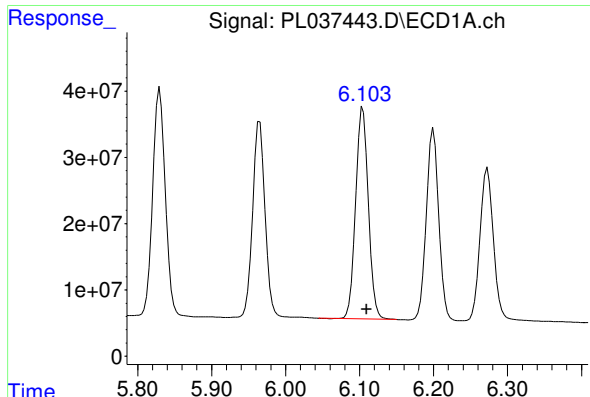
#14 Endrin

R.T.: 5.830 min  
Delta R.T.: -0.005 min  
Response: 405311165  
Conc: 51.45 ng/ml



#14 Endrin

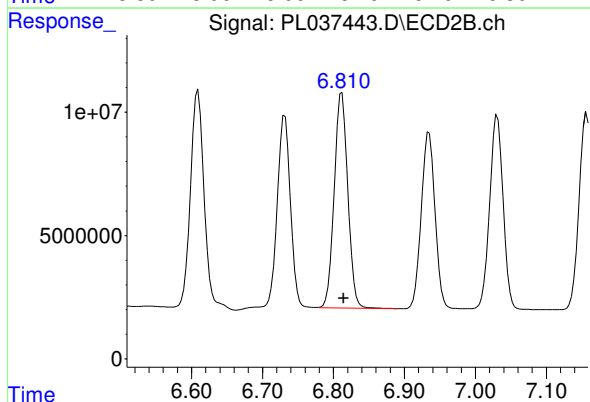
R.T.: 6.609 min  
Delta R.T.: -0.003 min  
Response: 115193927  
Conc: 50.10 ng/ml



#15 Endosulfan II

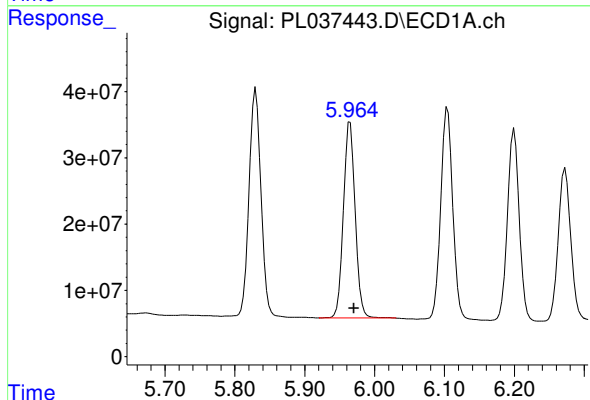
R.T.: 6.104 min  
Delta R.T.: -0.005 min  
Response: 379828619  
Conc: 51.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



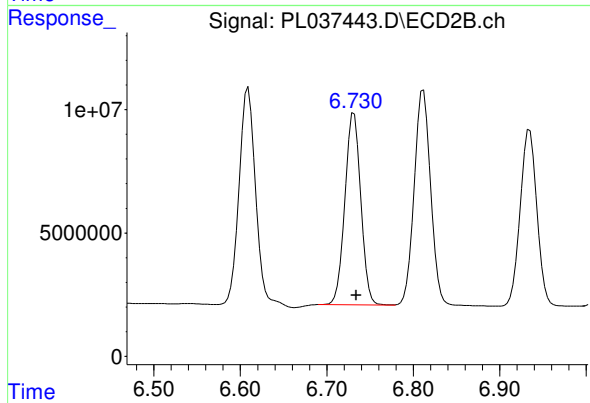
#15 Endosulfan II

R.T.: 6.812 min  
Delta R.T.: -0.003 min  
Response: 115809228  
Conc: 46.70 ng/ml



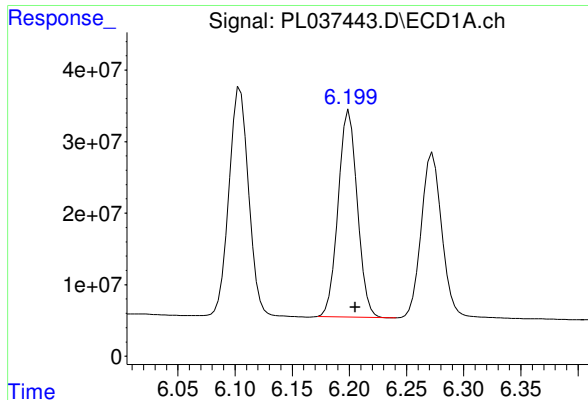
#16 4,4'-DDD

R.T.: 5.965 min  
Delta R.T.: -0.005 min  
Response: 346093465  
Conc: 52.70 ng/ml



#16 4,4'-DDD

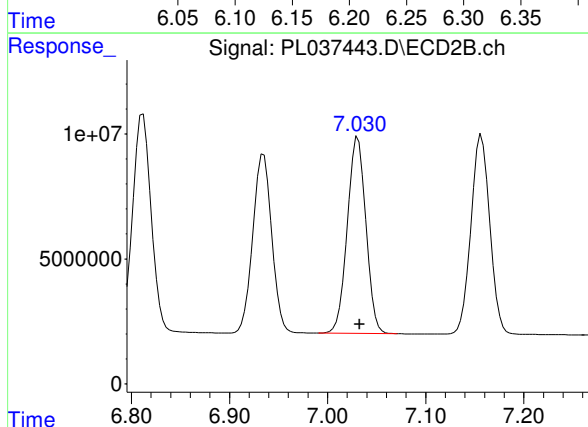
R.T.: 6.731 min  
Delta R.T.: -0.002 min  
Response: 99620284  
Conc: 48.53 ng/ml



#17 4,4'-DDT

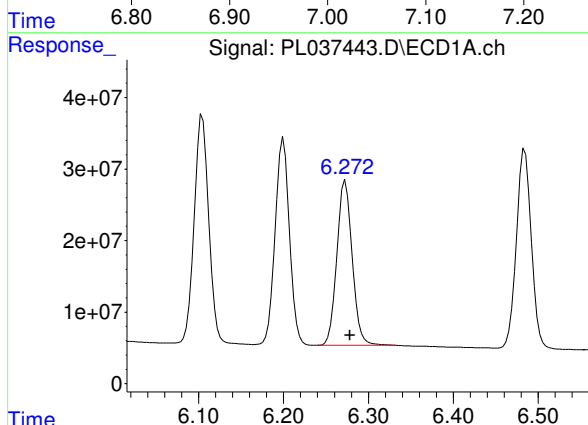
R.T.: 6.200 min  
Delta R.T.: -0.005 min  
Response: 337365253  
Conc: 52.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



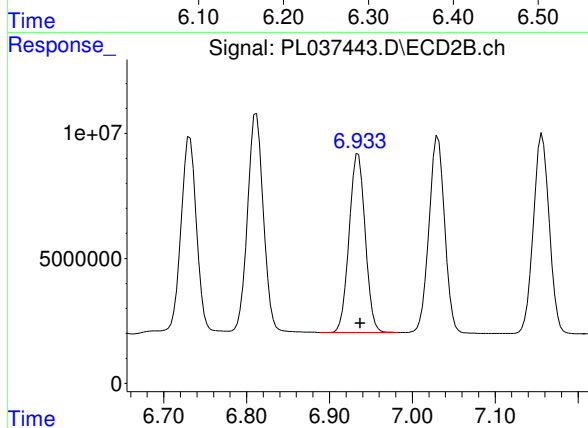
#17 4,4'-DDT

R.T.: 7.031 min  
Delta R.T.: -0.002 min  
Response: 103248358  
Conc: 48.74 ng/ml



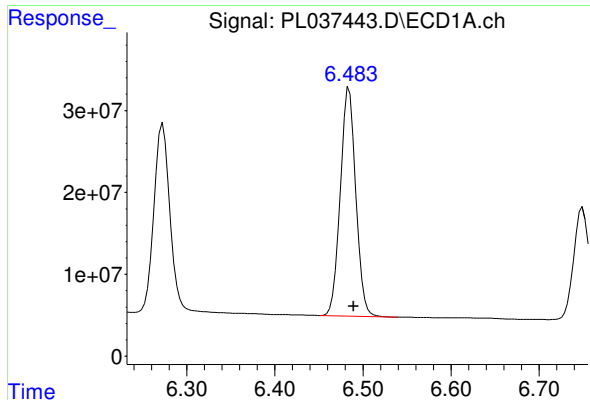
#18 Endrin aldehyde

R.T.: 6.273 min  
Delta R.T.: -0.005 min  
Response: 289480177  
Conc: 51.84 ng/ml



#18 Endrin aldehyde

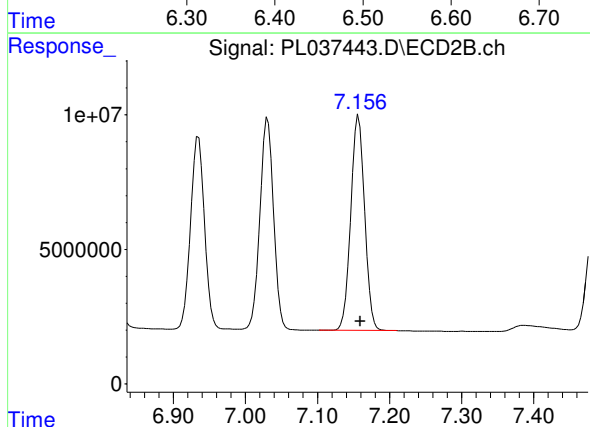
R.T.: 6.935 min  
Delta R.T.: -0.002 min  
Response: 96038001  
Conc: 47.73 ng/ml



#19 Endosulfan Sulfate

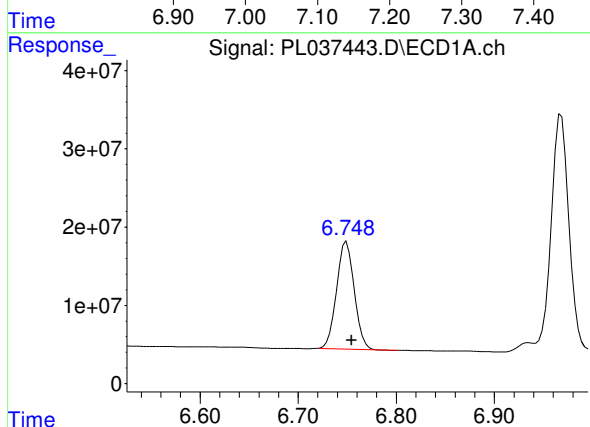
R.T.: 6.484 min  
Delta R.T.: -0.005 min  
Response: 341118984  
Conc: 50.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



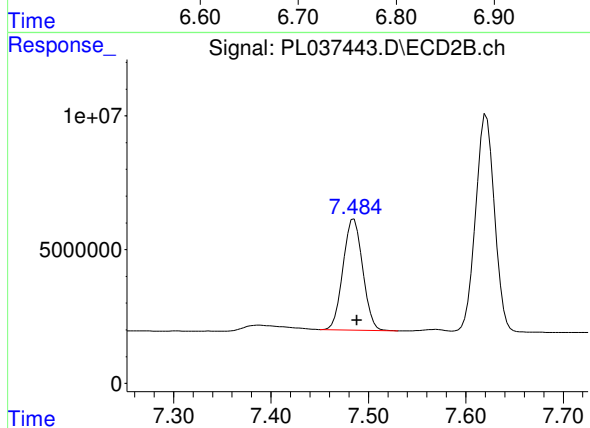
#19 Endosulfan Sulfate

R.T.: 7.157 min  
Delta R.T.: -0.002 min  
Response: 106626406  
Conc: 48.99 ng/ml



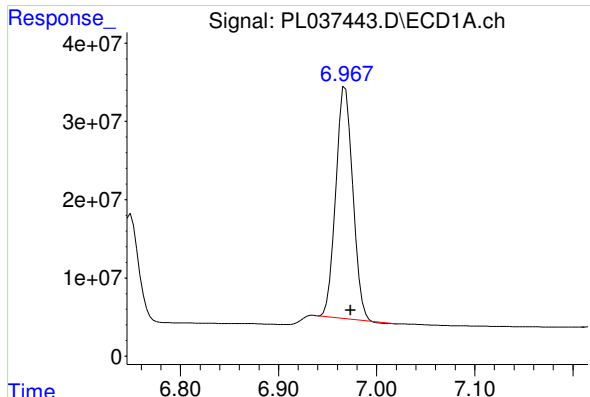
#20 Methoxychlor

R.T.: 6.749 min  
Delta R.T.: -0.005 min  
Response: 171730021  
Conc: 50.52 ng/ml



#20 Methoxychlor

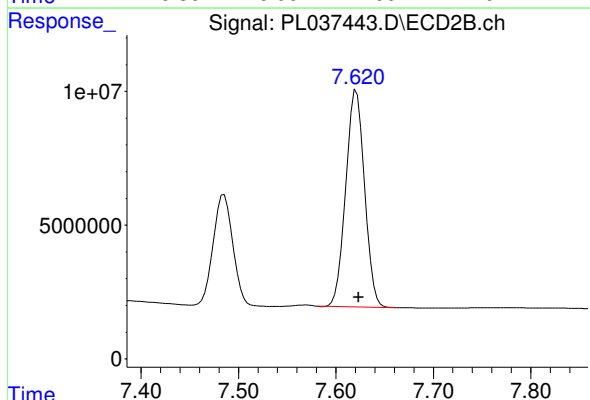
R.T.: 7.485 min  
Delta R.T.: -0.003 min  
Response: 58169165  
Conc: 51.97 ng/ml



#21 Endrin ketone

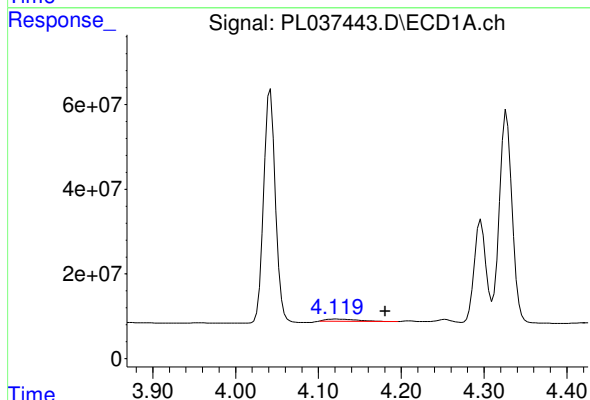
R.T.: 6.968 min  
Delta R.T.: -0.005 min  
Response: 355852093  
Conc: 50.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



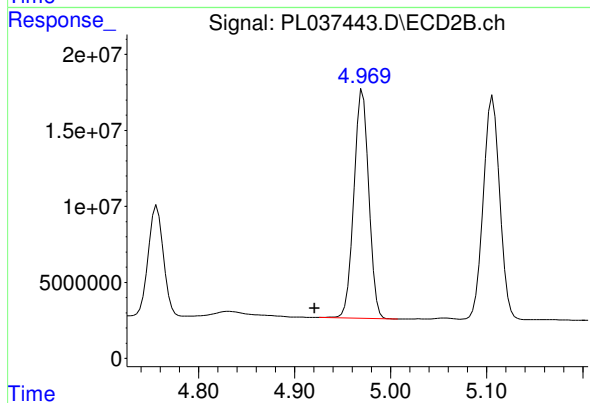
#21 Endrin ketone

R.T.: 7.621 min  
Delta R.T.: -0.002 min  
Response: 108812614  
Conc: 53.61 ng/ml



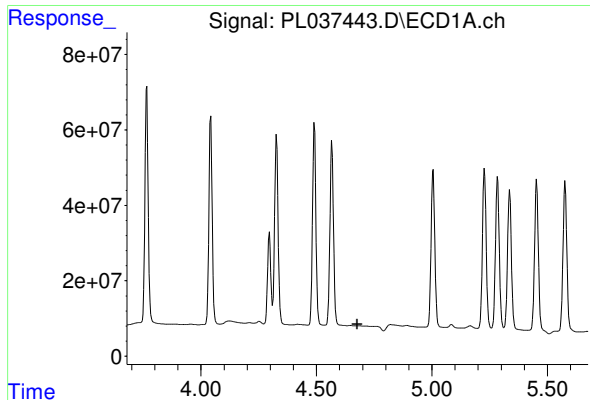
#23 Chlordane-1

R.T.: 4.120 min  
Delta R.T.: -0.060 min  
Response: 13132122  
Conc: 42.77 ng/ml



#23 Chlordane-1

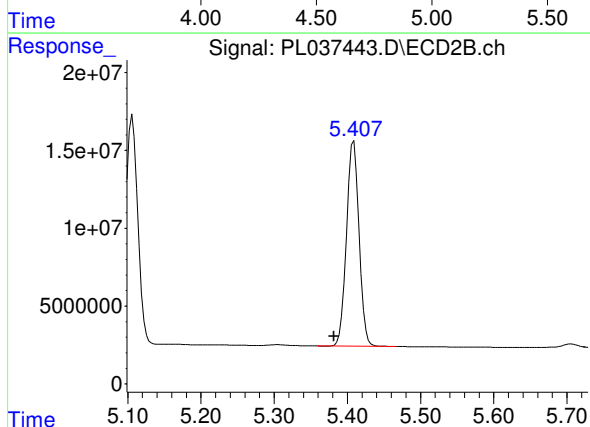
R.T.: 4.971 min  
Delta R.T.: 0.050 min  
Response: 161745696  
Conc: 1346.08 ng/ml



#24 Chlordane-2

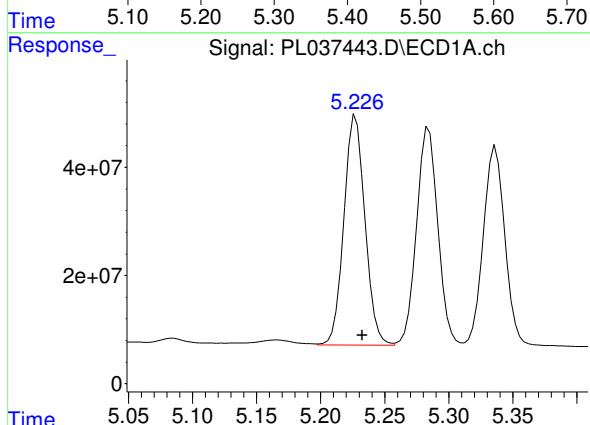
R.T.: 0.000 min  
Exp R.T.: 4.676 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



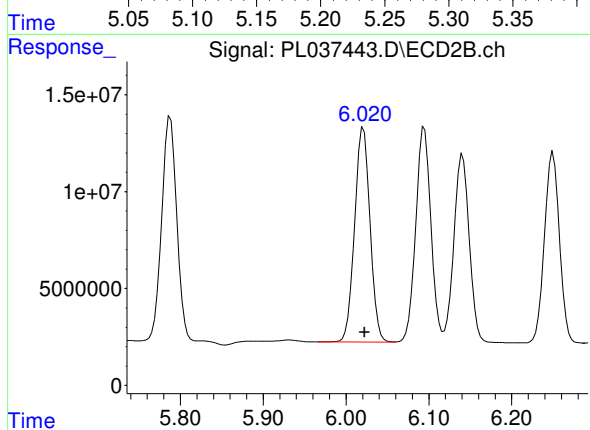
#24 Chlordane-2

R.T.: 5.409 min  
Delta R.T.: 0.027 min  
Response: 157041915  
Conc: 1240.94 ng/ml



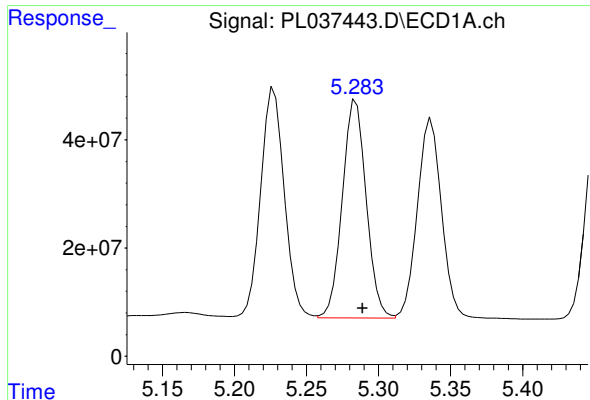
#25 Chlordane-3

R.T.: 5.227 min  
Delta R.T.: -0.005 min  
Response: 487104361  
Conc: 458.27 ng/ml



#25 Chlordane-3

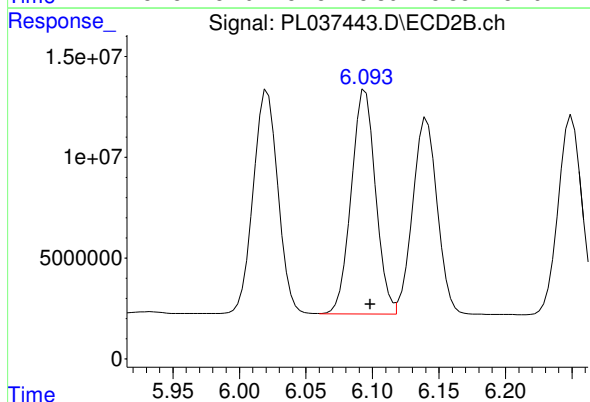
R.T.: 6.021 min  
Delta R.T.: -0.001 min  
Response: 143235934  
Conc: 366.25 ng/ml



#26 Chlordane-4

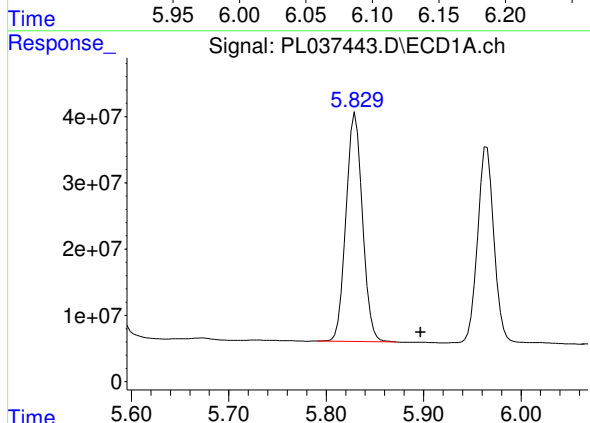
R.T.: 5.284 min  
Delta R.T.: -0.004 min  
Response: 465928257  
Conc: 483.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



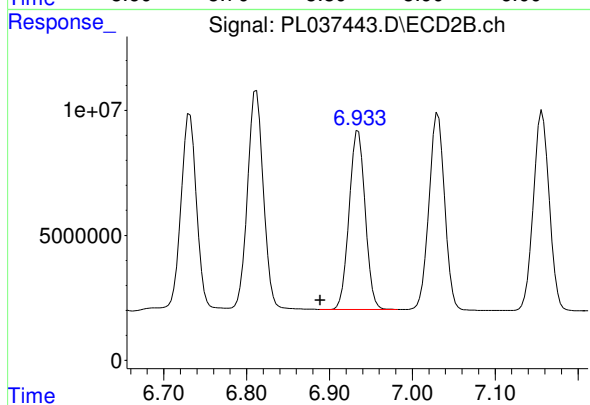
#26 Chlordane-4

R.T.: 6.095 min  
Delta R.T.: -0.004 min  
Response: 141415270  
Conc: 295.11 ng/ml



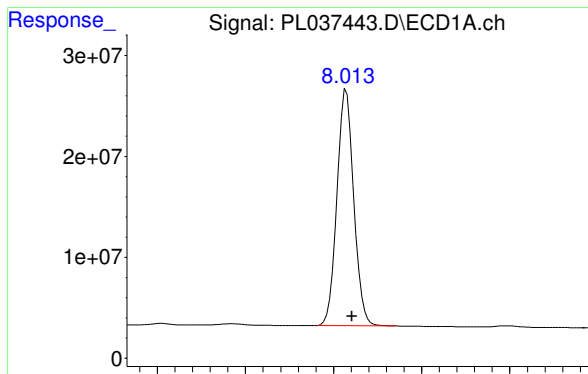
#27 Chlordane-5

R.T.: 5.830 min  
Delta R.T.: -0.067 min  
Response: 405311165  
Conc: 3097.09 ng/ml



#27 Chlordane-5

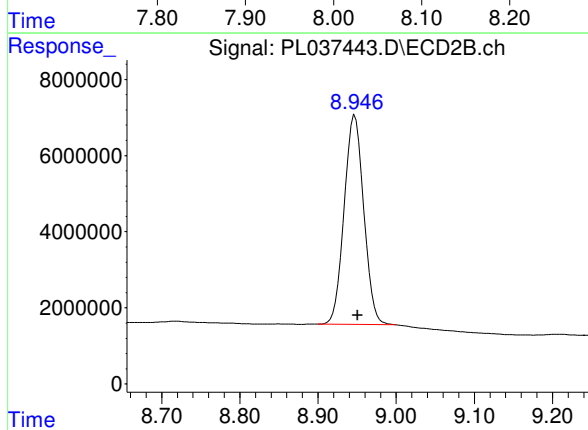
R.T.: 6.935 min  
Delta R.T.: 0.046 min  
Response: 96038001  
Conc: 1067.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.014 min  
Delta R.T.: -0.006 min  
Response: 310528109  
Conc: 51.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.947 min  
Delta R.T.: -0.004 min  
Response: 95886541  
Conc: 48.33 ng/ml