

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL083018\  
 Data File : PL039619.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 30 Aug 2018 18:49  
 Operator : AJ\SJ  
 Sample : J4677-02MS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 31 02:12:10 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... | 3.303 | 3.906 | 147.8E6  | 63617504 | 21.136   | 23.730     |
| 28)                         | SA Decachlor... | 7.957 | 8.893 | 140.8E6  | 56823087 | 20.050   | 24.486     |
| Target Compounds            |                 |       |       |          |          |          |            |
| 2)                          | A alpha-BHC     | 3.731 | 4.284 | 647.2E6  | 268.6E6  | 54.753   | 63.781     |
| 3)                          | MA gamma-BHC... | 4.006 | 4.562 | 580.7E6  | 209.5E6  | 54.753   | 52.035     |
| 4)                          | MA Heptachlor   | 4.287 | 5.069 | 562.5E6  | 238.0E6  | 53.430   | 66.564     |
| 5)                          | MB Aldrin       | 4.524 | 5.369 | 560.9E6  | 224.5E6  | 56.002   | 63.424     |
| 6)                          | B beta-BHC      | 4.261 | 4.725 | 246.3E6  | 106.2E6  | 53.021   | 60.645     |
| 7)                          | B delta-BHC     | 4.453 | 4.937 | 604.7E6  | 246.6E6  | 55.708   | 61.943     |
| 8)                          | B Heptachlo...  | 4.960 | 5.748 | 532.1E6  | 207.2E6  | 55.724   | 61.606     |
| 9)                          | A Endosulfan I  | 5.290 | 6.100 | 493.3E6  | 179.3E6  | 56.339   | 61.117     |
| 10)                         | B gamma-Chl...  | 5.182 | 5.980 | 548.9E6  | 202.8E6  | 55.575   | 62.654     |
| 11)                         | B alpha-Chl...  | 5.238 | 6.053 | 529.2E6  | 198.3E6  | 55.084   | 61.293     |
| 12)                         | B 4,4'-DDE      | 5.406 | 6.210 | 527.9E6  | 191.5E6  | 55.129   | 61.934     |
| 13)                         | MA Dieldrin     | 5.528 | 6.353 | 548.9E6  | 188.1E6  | 56.287   | 62.086     |
| 14)                         | MA Endrin       | 5.780 | 6.567 | 477.3E6  | 151.8E6  | 53.318   | 59.036     |
| 15)                         | B Endosulfa...  | 6.056 | 6.771 | 470.7E6  | 156.5E6  | 54.130   | 60.910     |
| 16)                         | A 4,4'-DDD      | 5.917 | 6.691 | 430.4E6  | 143.5E6  | 54.005   | 64.085     |
| 17)                         | MA 4,4'-DDT     | 6.150 | 6.989 | 399.7E6  | 132.0E6  | 52.732   | 56.089     |
| 18)                         | B Endrin al...  | 6.223 | 6.893 | 363.7E6  | 131.3E6  | 53.668   | 60.479     |
| 19)                         | B Endosulfa...  | 6.434 | 7.115 | 439.4E6  | 143.8E6  | 53.999   | 59.989     |
| 20)                         | A Methoxychlor  | 6.697 | 7.445 | 210.9E6  | 69803714 | 51.527   | 56.360     |
| 21)                         | B Endrin ke...  | 6.916 | 7.578 | 469.6E6  | 146.8E6  | 54.559   | 59.414     |
| 23)                         | Chlordane-1     | 4.214 | 4.937 | 25839001 | 246.6E6  | 81.617   | 1974.078 # |
| 24)                         | Chlordane-2     | 4.667 | 5.369 | 7203167  | 224.5E6  | 20.605   | 1772.597 # |
| 25)                         | Chlordane-3     | 5.182 | 5.980 | 548.9E6  | 202.8E6  | 502.532  | 471.168    |
| 26)                         | Chlordane-4     | 5.238 | 6.053 | 529.2E6  | 198.3E6  | 529.546  | 382.256 #  |
| 27)                         | Chlordane-5     | 6.056 | 6.893 | 470.7E6  | 131.3E6  | 1451.212 | 1419.614   |
| -----                       |                 |       |       |          |          |          |            |

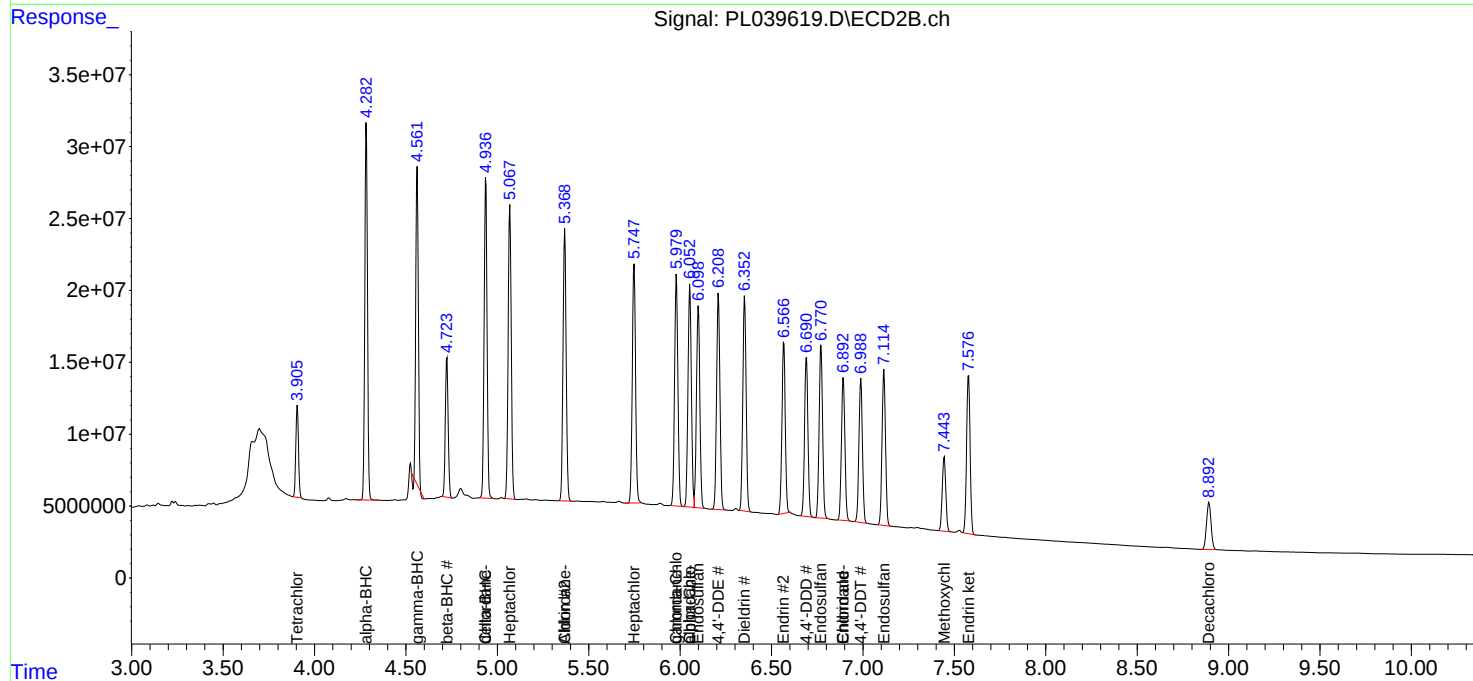
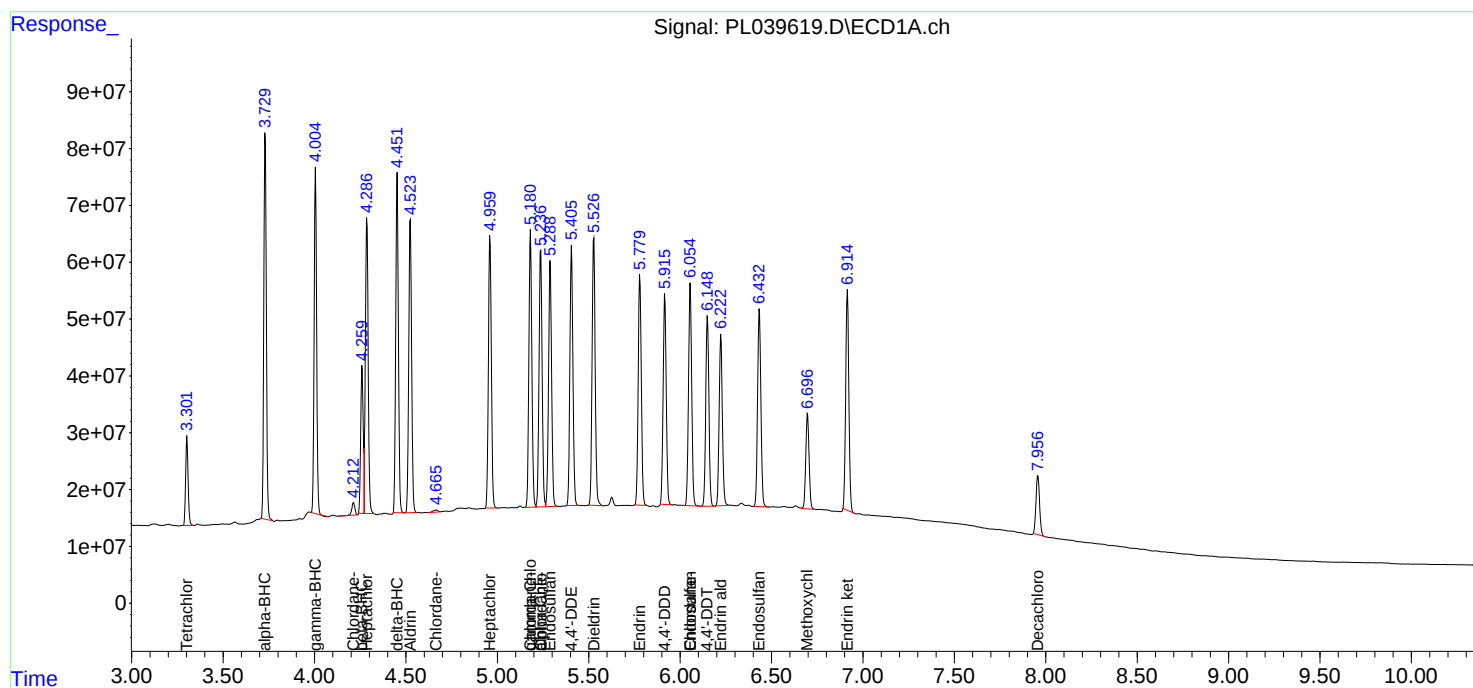
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

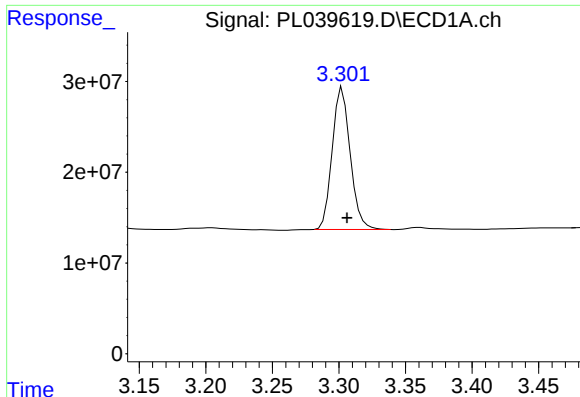
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL083018\  
Data File : PL039619.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 30 Aug 2018 18:49  
Operator : AJ\SJ  
Sample : J4677-02MS  
Misc :  
ALS Vial : 21 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 31 02:12:10 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

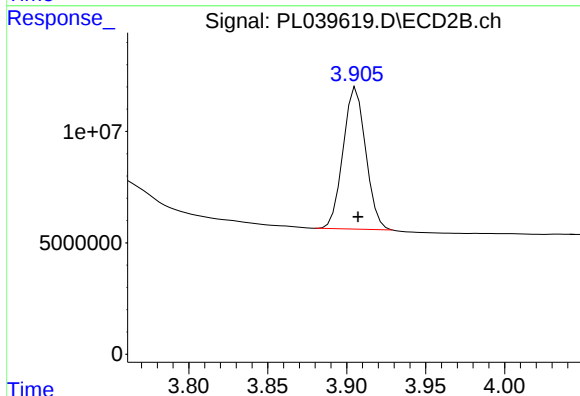




#1 Tetrachloro-m-xylene

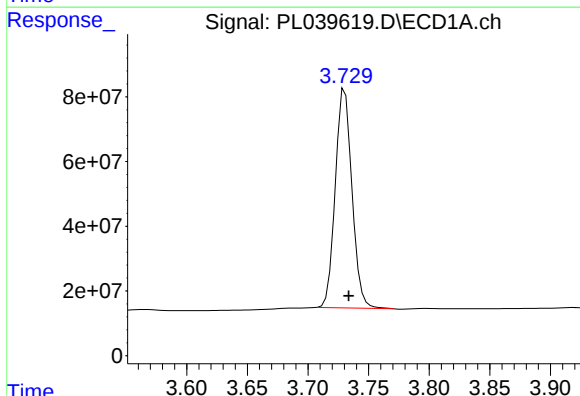
R.T.: 3.303 min  
Delta R.T.: -0.003 min  
Response: 147751052  
Conc: 21.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



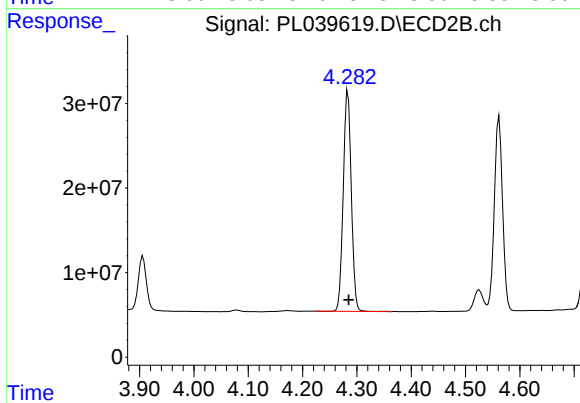
#1 Tetrachloro-m-xylene

R.T.: 3.906 min  
Delta R.T.: -0.001 min  
Response: 63617504  
Conc: 23.73 ng/ml



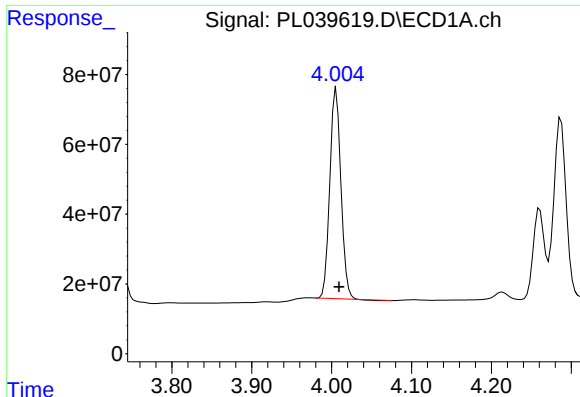
#2 alpha-BHC

R.T.: 3.731 min  
Delta R.T.: -0.003 min  
Response: 647198279  
Conc: 54.75 ng/ml



#2 alpha-BHC

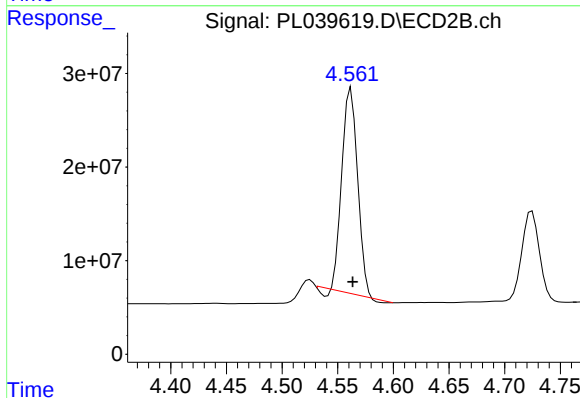
R.T.: 4.284 min  
Delta R.T.: -0.001 min  
Response: 268581971  
Conc: 63.78 ng/ml



#3 gamma-BHC (Lindane)

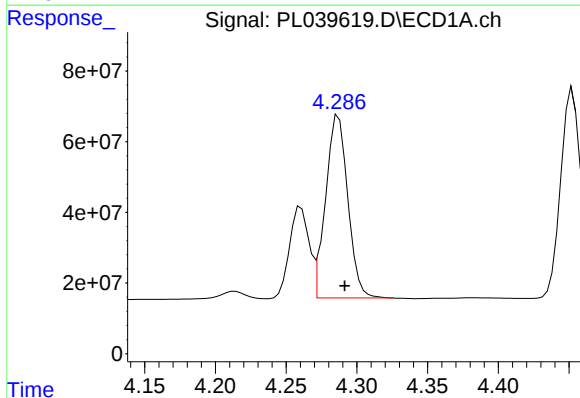
R.T.: 4.006 min  
Delta R.T.: -0.004 min  
Response: 580743479  
Conc: 54.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



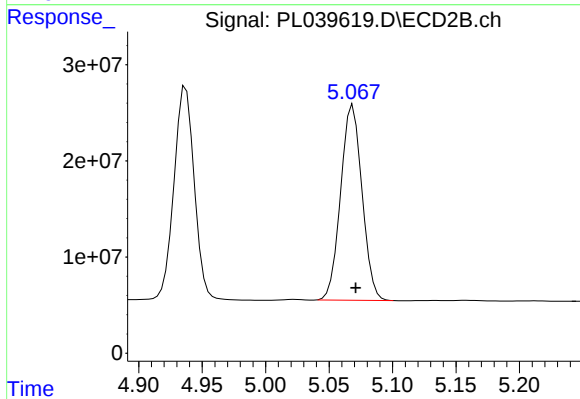
#3 gamma-BHC (Lindane)

R.T.: 4.562 min  
Delta R.T.: -0.001 min  
Response: 209519855  
Conc: 52.03 ng/ml



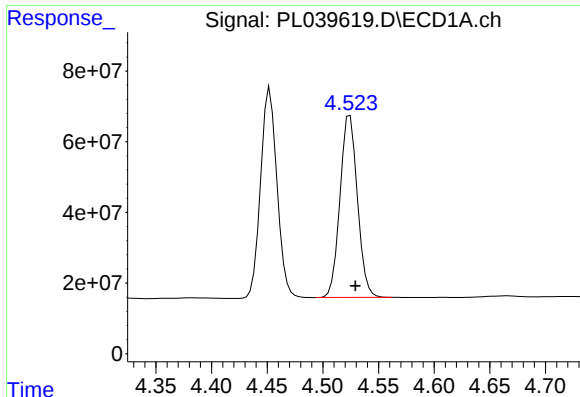
#4 Heptachlor

R.T.: 4.287 min  
Delta R.T.: -0.004 min  
Response: 562463896  
Conc: 53.43 ng/ml



#4 Heptachlor

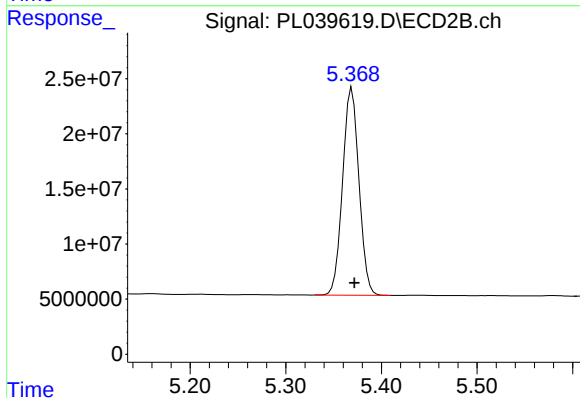
R.T.: 5.069 min  
Delta R.T.: -0.002 min  
Response: 238021591  
Conc: 66.56 ng/ml



#5 Aldrin

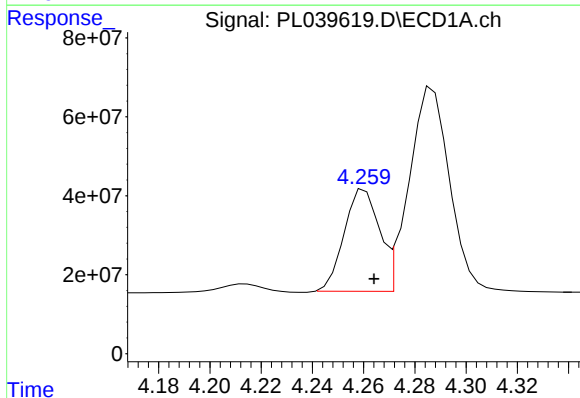
R.T.: 4.524 min  
Delta R.T.: -0.005 min  
Response: 560911770  
Conc: 56.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



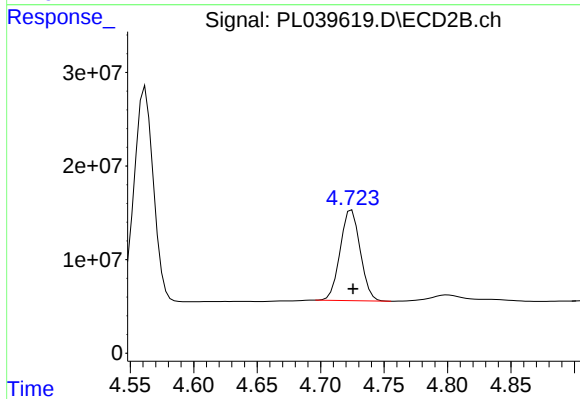
#5 Aldrin

R.T.: 5.369 min  
Delta R.T.: -0.003 min  
Response: 224525876  
Conc: 63.42 ng/ml



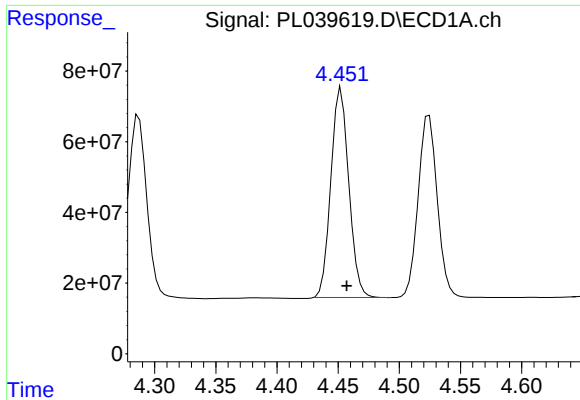
#6 beta-BHC

R.T.: 4.261 min  
Delta R.T.: -0.004 min  
Response: 246308587  
Conc: 53.02 ng/ml



#6 beta-BHC

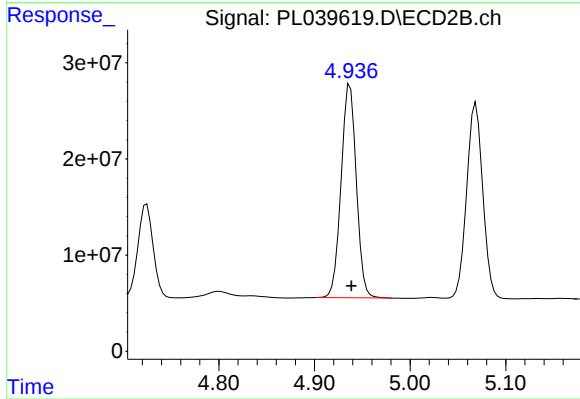
R.T.: 4.725 min  
Delta R.T.: -0.001 min  
Response: 106222652  
Conc: 60.65 ng/ml



#7 delta-BHC

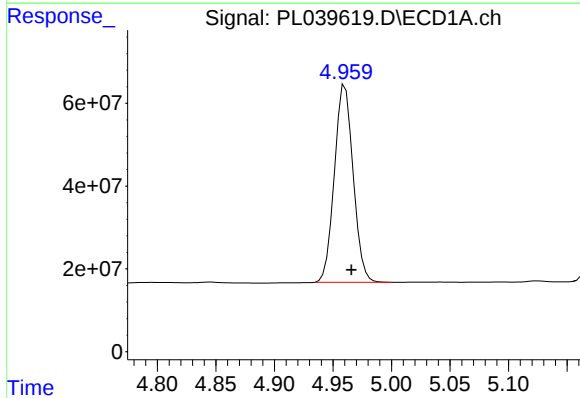
R.T.: 4.453 min  
Delta R.T.: -0.005 min  
Response: 604674846  
Conc: 55.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



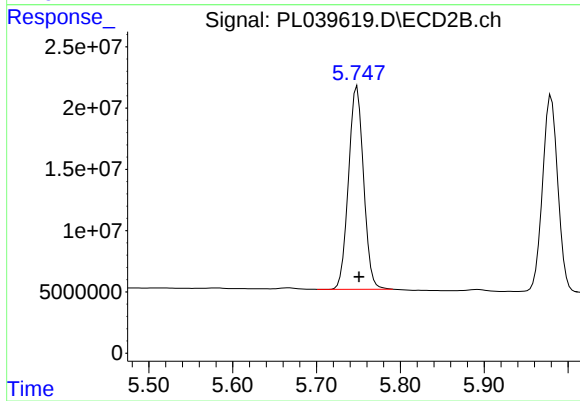
#7 delta-BHC

R.T.: 4.937 min  
Delta R.T.: -0.001 min  
Response: 246631032  
Conc: 61.94 ng/ml



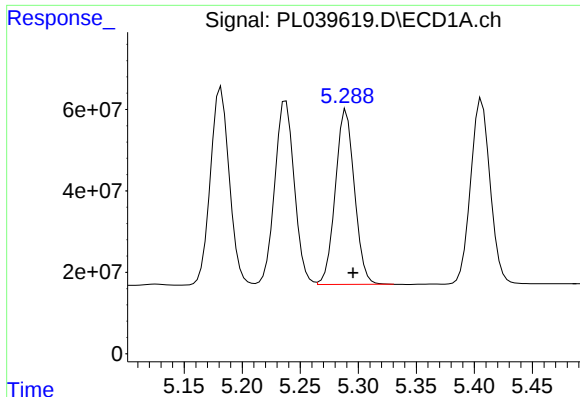
#8 Heptachlor epoxide

R.T.: 4.960 min  
Delta R.T.: -0.005 min  
Response: 532131391  
Conc: 55.72 ng/ml



#8 Heptachlor epoxide

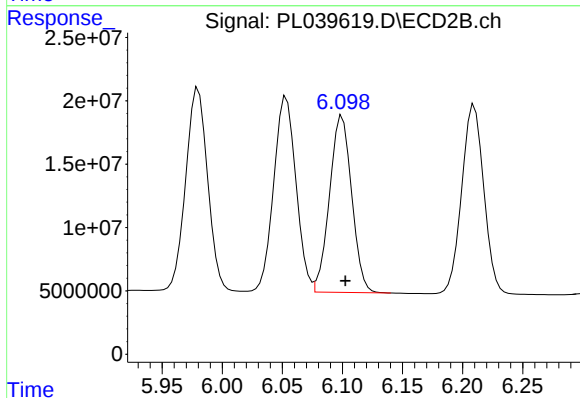
R.T.: 5.748 min  
Delta R.T.: -0.002 min  
Response: 207184708  
Conc: 61.61 ng/ml



#9 Endosulfan I

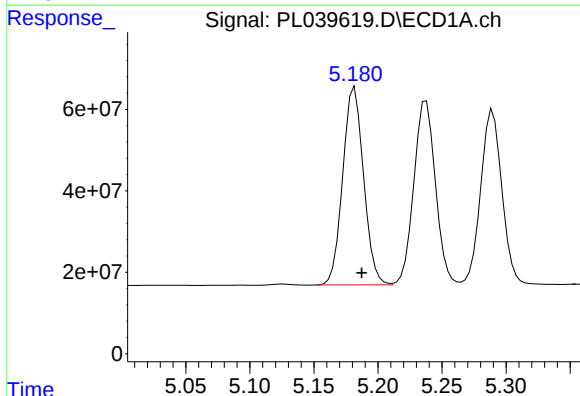
R.T.: 5.290 min  
Delta R.T.: -0.006 min  
Response: 493312205  
Conc: 56.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



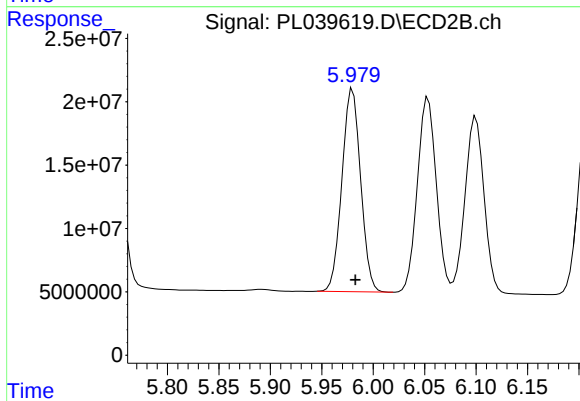
#9 Endosulfan I

R.T.: 6.100 min  
Delta R.T.: -0.003 min  
Response: 179289591  
Conc: 61.12 ng/ml



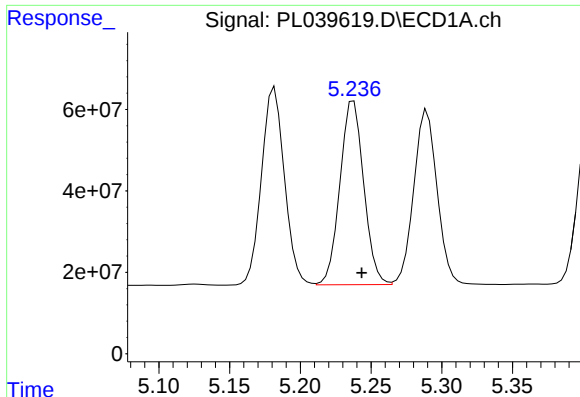
#10 gamma-Chlordane

R.T.: 5.182 min  
Delta R.T.: -0.005 min  
Response: 548897871  
Conc: 55.57 ng/ml



#10 gamma-Chlordane

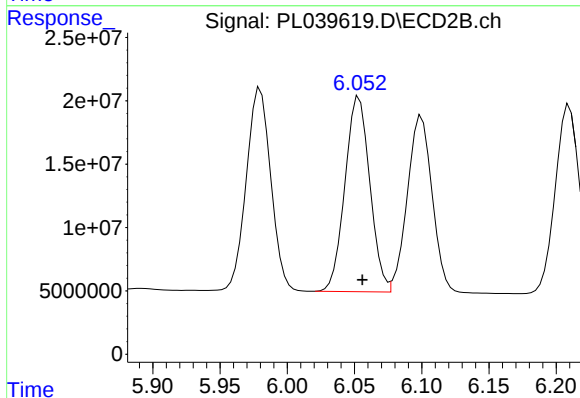
R.T.: 5.980 min  
Delta R.T.: -0.003 min  
Response: 202775467  
Conc: 62.65 ng/ml



#11 alpha-Chlordane

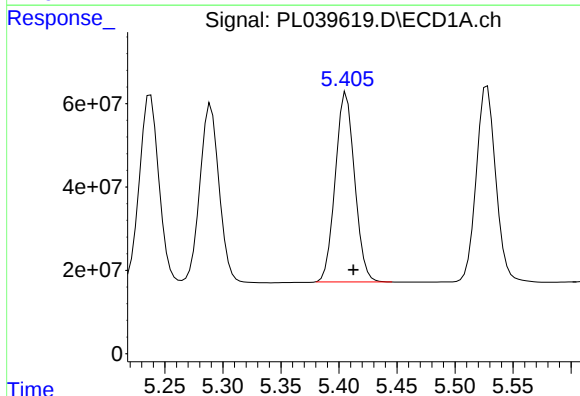
R.T.: 5.238 min  
Delta R.T.: -0.006 min  
Response: 529201873  
Conc: 55.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



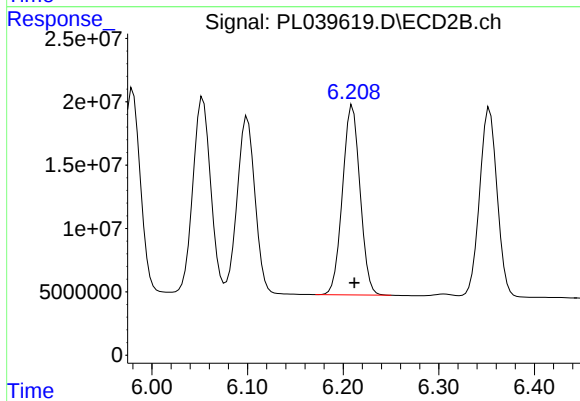
#11 alpha-Chlordane

R.T.: 6.053 min  
Delta R.T.: -0.003 min  
Response: 198283465  
Conc: 61.29 ng/ml



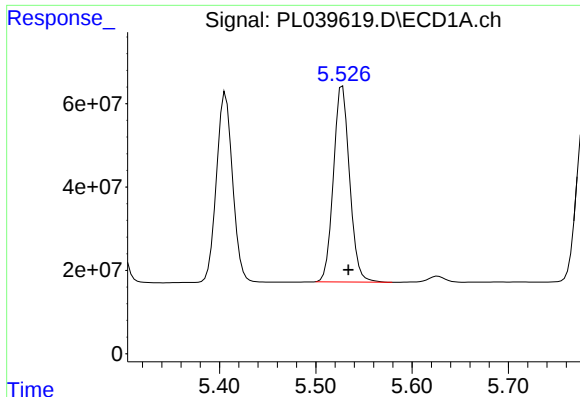
#12 4,4'-DDE

R.T.: 5.406 min  
Delta R.T.: -0.006 min  
Response: 527910257  
Conc: 55.13 ng/ml



#12 4,4'-DDE

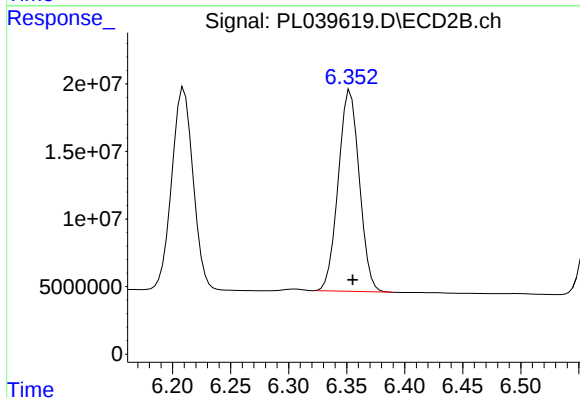
R.T.: 6.210 min  
Delta R.T.: -0.002 min  
Response: 191501472  
Conc: 61.93 ng/ml



#13 Dieldrin

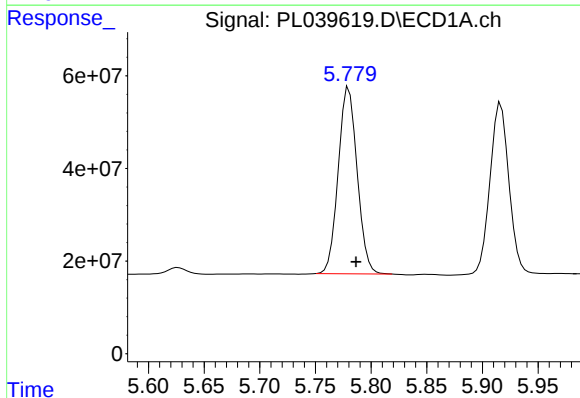
R.T.: 5.528 min  
Delta R.T.: -0.006 min  
Response: 548894708  
Conc: 56.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



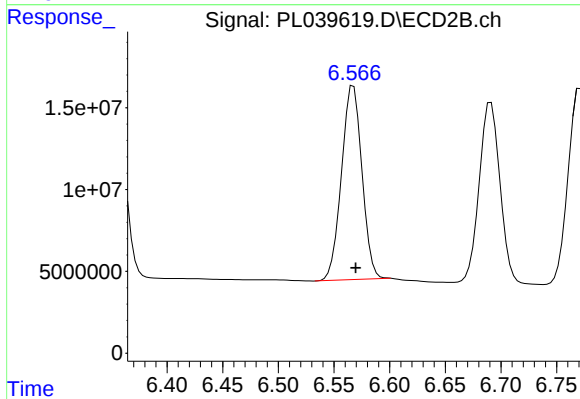
#13 Dieldrin

R.T.: 6.353 min  
Delta R.T.: -0.002 min  
Response: 188080677  
Conc: 62.09 ng/ml



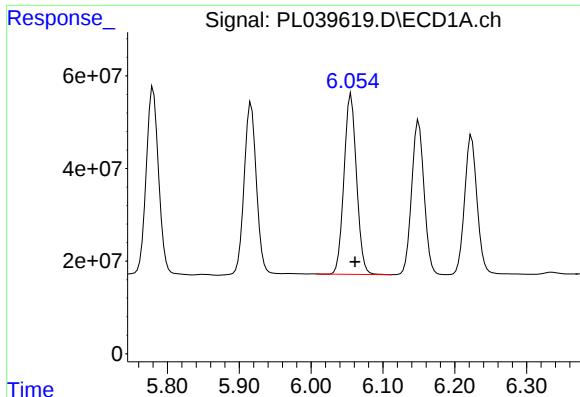
#14 Endrin

R.T.: 5.780 min  
Delta R.T.: -0.007 min  
Response: 477252983  
Conc: 53.32 ng/ml



#14 Endrin

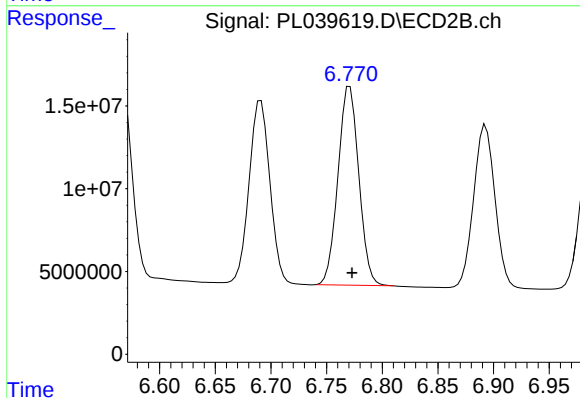
R.T.: 6.567 min  
Delta R.T.: -0.002 min  
Response: 151796314  
Conc: 59.04 ng/ml



#15 Endosulfan II

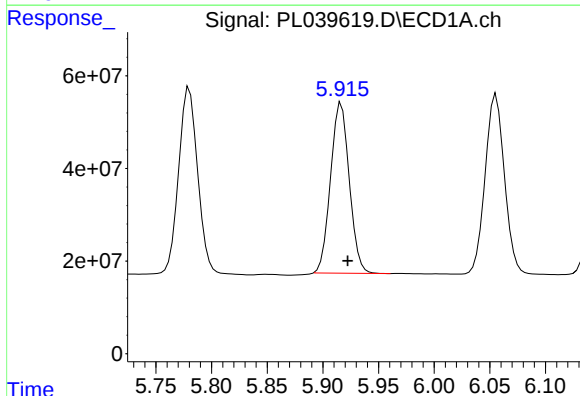
R.T.: 6.056 min  
Delta R.T.: -0.005 min  
Response: 470671450  
Conc: 54.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



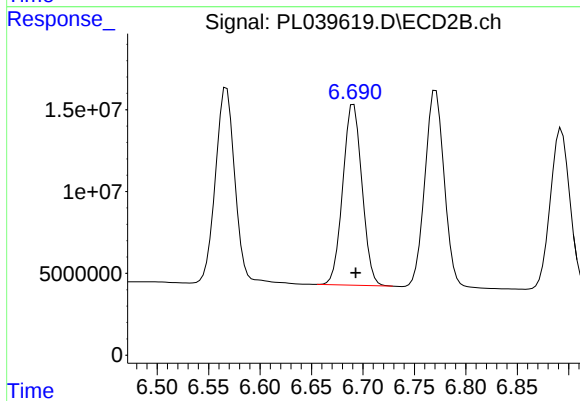
#15 Endosulfan II

R.T.: 6.771 min  
Delta R.T.: -0.002 min  
Response: 156451419  
Conc: 60.91 ng/ml



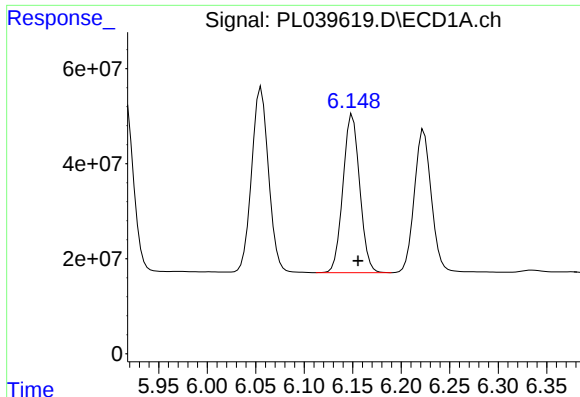
#16 4,4'-DDD

R.T.: 5.917 min  
Delta R.T.: -0.006 min  
Response: 430376453  
Conc: 54.00 ng/ml



#16 4,4'-DDD

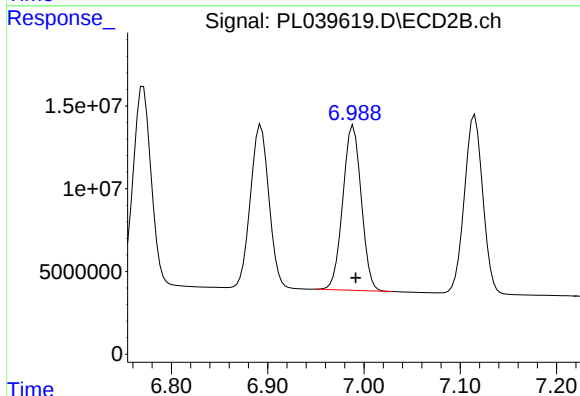
R.T.: 6.691 min  
Delta R.T.: -0.002 min  
Response: 143514032  
Conc: 64.09 ng/ml



#17 4,4'-DDT

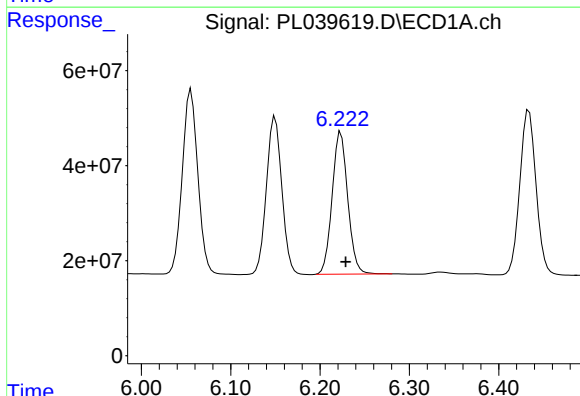
R.T.: 6.150 min  
Delta R.T.: -0.006 min  
Response: 399736645  
Conc: 52.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



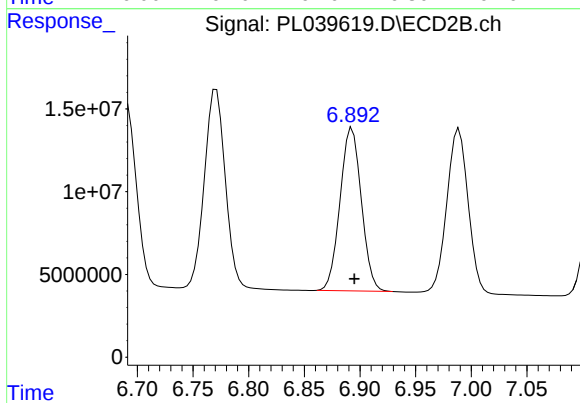
#17 4,4'-DDT

R.T.: 6.989 min  
Delta R.T.: -0.002 min  
Response: 132030239  
Conc: 56.09 ng/ml



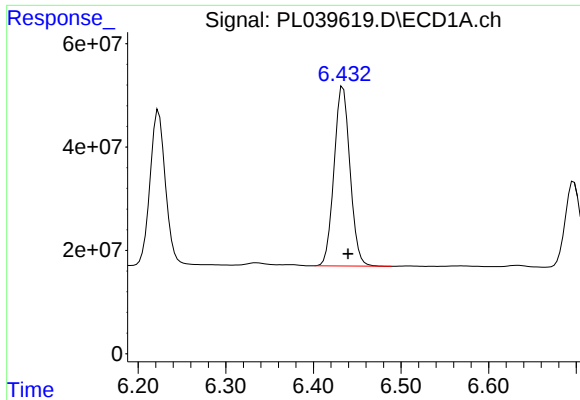
#18 Endrin aldehyde

R.T.: 6.223 min  
Delta R.T.: -0.006 min  
Response: 363700776  
Conc: 53.67 ng/ml



#18 Endrin aldehyde

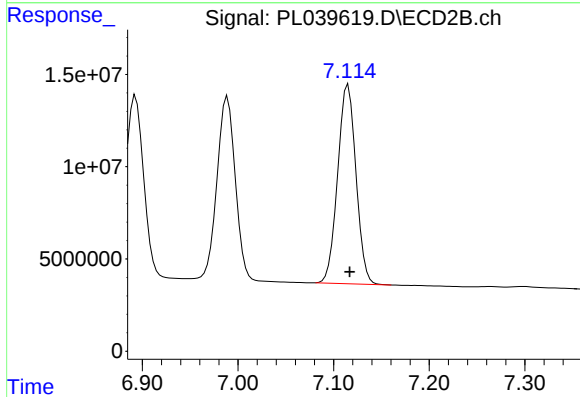
R.T.: 6.893 min  
Delta R.T.: -0.002 min  
Response: 131319687  
Conc: 60.48 ng/ml



#19 Endosulfan Sulfate

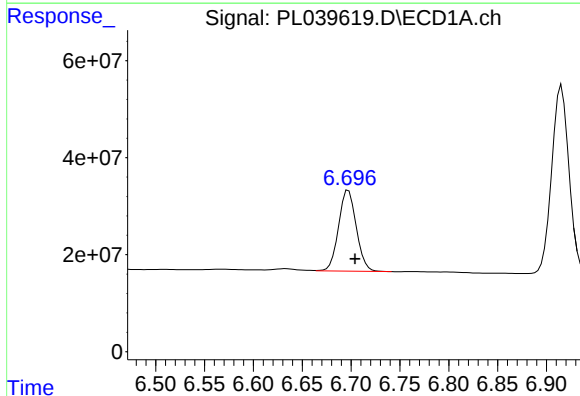
R.T.: 6.434 min  
Delta R.T.: -0.006 min  
Response: 439378194  
Conc: 54.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



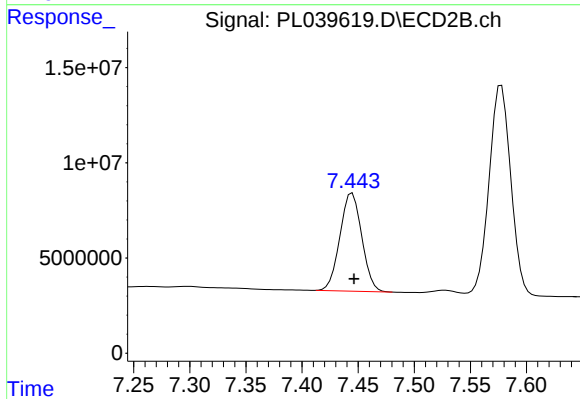
#19 Endosulfan Sulfate

R.T.: 7.115 min  
Delta R.T.: -0.002 min  
Response: 143811711  
Conc: 59.99 ng/ml



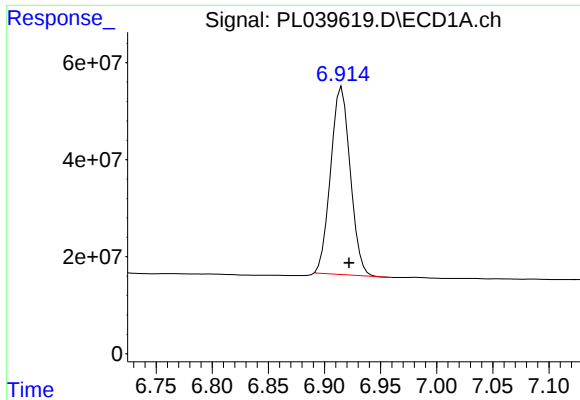
#20 Methoxychlor

R.T.: 6.697 min  
Delta R.T.: -0.007 min  
Response: 210861718  
Conc: 51.53 ng/ml



#20 Methoxychlor

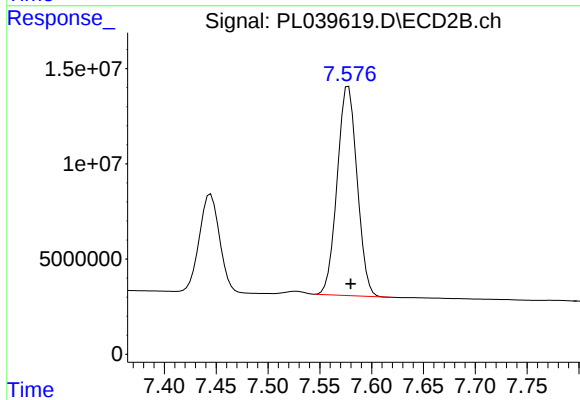
R.T.: 7.445 min  
Delta R.T.: -0.002 min  
Response: 69803714  
Conc: 56.36 ng/ml



#21 Endrin ketone

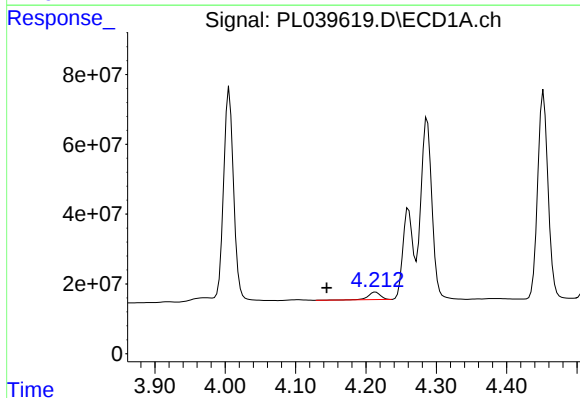
R.T.: 6.916 min  
Delta R.T.: -0.006 min  
Response: 469584111  
Conc: 54.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



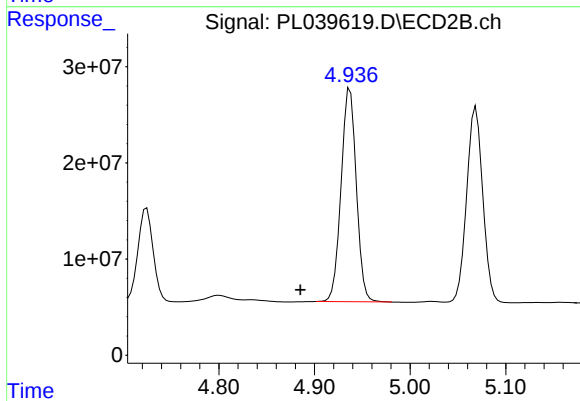
#21 Endrin ketone

R.T.: 7.578 min  
Delta R.T.: -0.002 min  
Response: 146810804  
Conc: 59.41 ng/ml



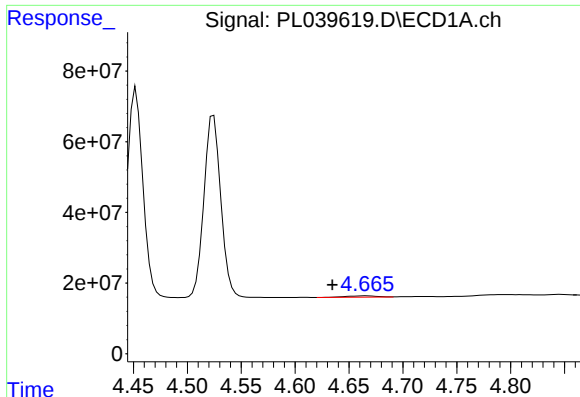
#23 Chlordane-1

R.T.: 4.214 min  
Delta R.T.: 0.069 min  
Response: 25839001  
Conc: 81.62 ng/ml



#23 Chlordane-1

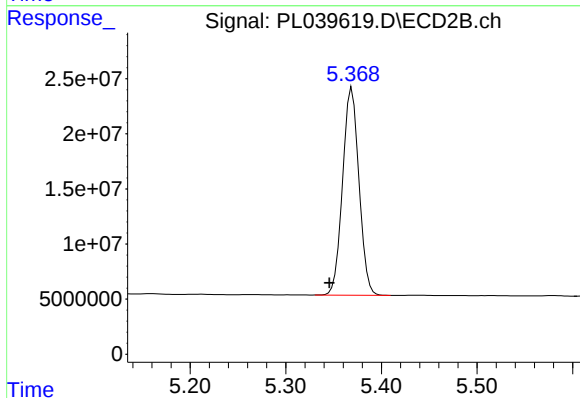
R.T.: 4.937 min  
Delta R.T.: 0.052 min  
Response: 246631032  
Conc: 1974.08 ng/ml



#24 Chlordane-2

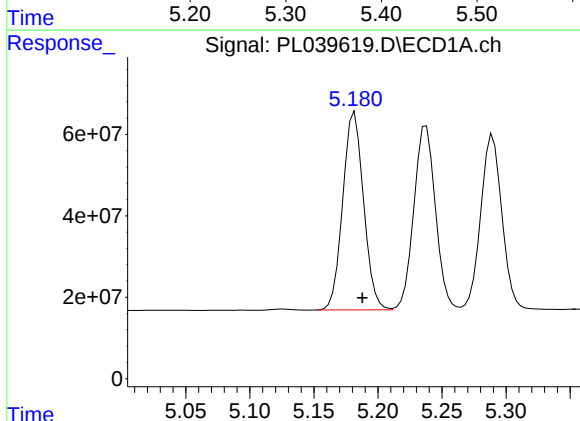
R.T.: 4.667 min  
Delta R.T.: 0.032 min  
Response: 7203167  
Conc: 20.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



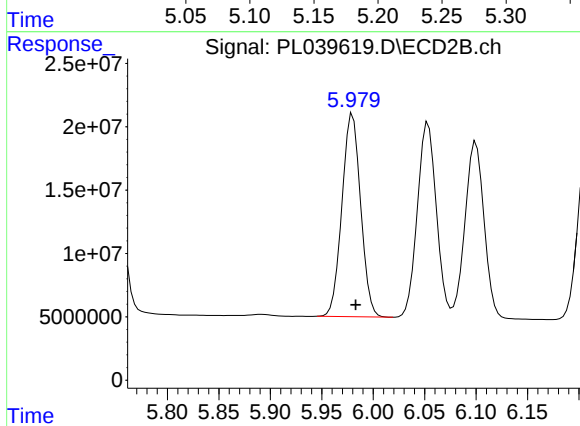
#24 Chlordane-2

R.T.: 5.369 min  
Delta R.T.: 0.023 min  
Response: 224525876  
Conc: 1772.60 ng/ml



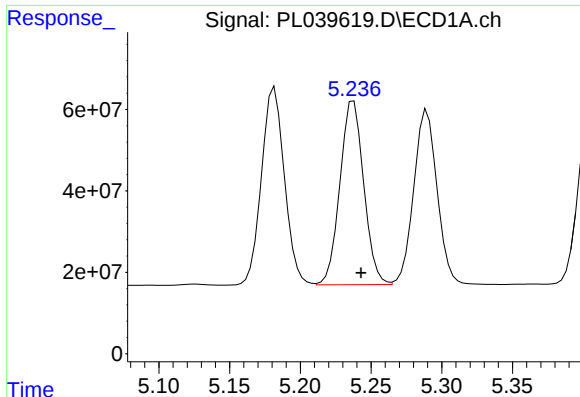
#25 Chlordane-3

R.T.: 5.182 min  
Delta R.T.: -0.006 min  
Response: 548897871  
Conc: 502.53 ng/ml



#25 Chlordane-3

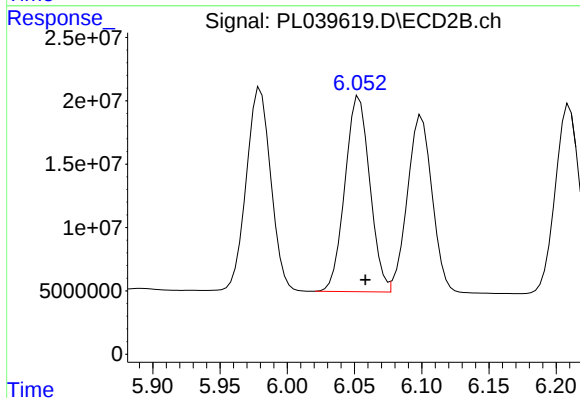
R.T.: 5.980 min  
Delta R.T.: -0.003 min  
Response: 202775467  
Conc: 471.17 ng/ml



#26 Chlordane-4

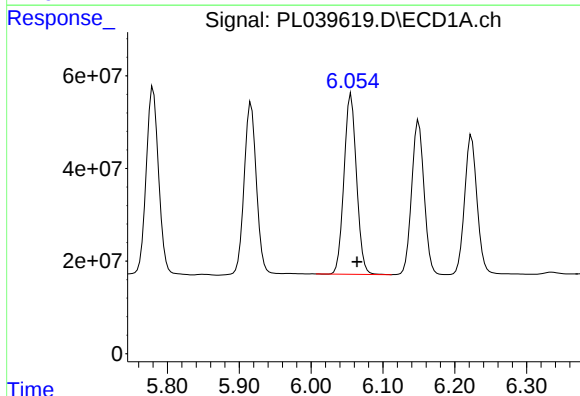
R.T.: 5.238 min  
Delta R.T.: -0.005 min  
Response: 529201873  
Conc: 529.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



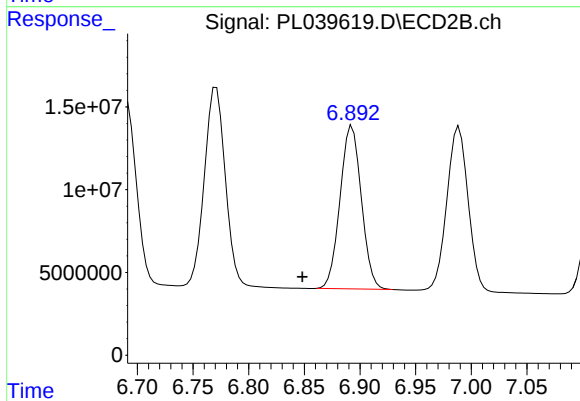
#26 Chlordane-4

R.T.: 6.053 min  
Delta R.T.: -0.005 min  
Response: 198283465  
Conc: 382.26 ng/ml



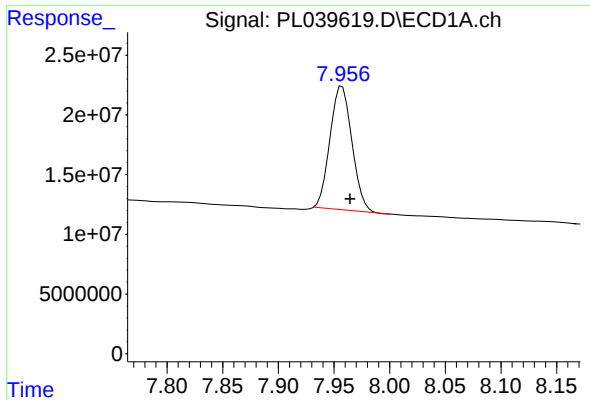
#27 Chlordane-5

R.T.: 6.056 min  
Delta R.T.: -0.008 min  
Response: 470671450  
Conc: 1451.21 ng/ml



#27 Chlordane-5

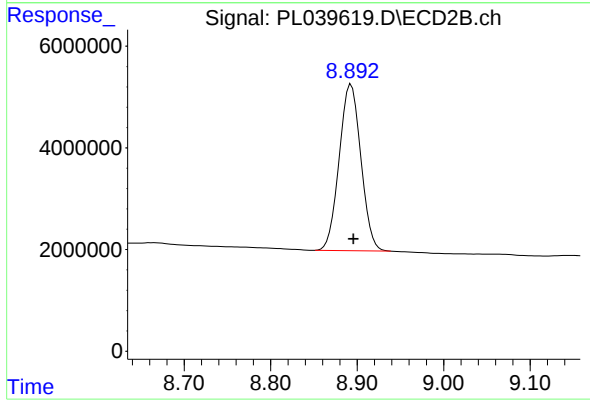
R.T.: 6.893 min  
Delta R.T.: 0.045 min  
Response: 131319687  
Conc: 1419.61 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.957 min  
Delta R.T.: -0.007 min  
Response: 140816136  
Conc: 20.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.893 min  
Delta R.T.: -0.002 min  
Response: 56823087  
Conc: 24.49 ng/ml