

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082919\  
 Data File : PL051991.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Aug 2019 20:16  
 Operator : SG\AJ  
 Sample : K4095-16MS  
 Misc :  
 ALS Vial : 41 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SU-01-082819MS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 30 00:51:13 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Aug 19 18:03:07 2019  
 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... | 3.314 | 3.924 | 189.5E6 | 48843884 | 22.140 | 22.356 |
| 28)                         | SA Decachlor... | 7.972 | 8.950 | 217.4E6 | 55450085 | 17.912 | 18.217 |
| Target Compounds            |                 |       |       |         |          |        |        |
| 2)                          | A alpha-BHC     | 3.741 | 4.313 | 890.0E6 | 176.7E6  | 61.419 | 54.826 |
| 3)                          | MA gamma-BHC... | 4.016 | 4.596 | 842.1E6 | 178.9E6  | 64.005 | 56.824 |
| 4)                          | MA Heptachlor   | 4.299 | 5.097 | 900.5E6 | 202.6E6  | 59.484 | 57.773 |
| 5)                          | MB Aldrin       | 4.537 | 5.398 | 879.4E6 | 198.0E6  | 60.855 | 60.395 |
| 6)                          | B beta-BHC      | 4.271 | 4.773 | 343.1E6 | 85849196 | 60.079 | 58.905 |
| 7)                          | B delta-BHC     | 4.464 | 4.986 | 853.9E6 | 176.4E6  | 57.426 | 56.358 |
| 8)                          | B Heptachlo...  | 4.973 | 5.785 | 835.4E6 | 194.7E6  | 59.737 | 57.686 |
| 9)                          | A Endosulfan I  | 5.303 | 6.140 | 807.3E6 | 187.6E6  | 60.047 | 58.013 |
| 10)                         | B gamma-Chl...  | 5.195 | 6.019 | 877.9E6 | 202.7E6  | 58.795 | 55.507 |
| 11)                         | B alpha-Chl...  | 5.250 | 6.090 | 850.0E6 | 200.6E6  | 58.734 | 58.134 |
| 12)                         | B 4,4'-DDE      | 5.418 | 6.251 | 850.0E6 | 204.9E6  | 62.112 | 58.195 |
| 13)                         | MA Dieldrin     | 5.541 | 6.397 | 894.1E6 | 201.2E6  | 58.801 | 58.754 |
| 14)                         | MA Endrin       | 5.794 | 6.614 | 828.3E6 | 175.3E6  | 56.789 | 57.943 |
| 15)                         | B Endosulfa...  | 6.069 | 6.826 | 780.0E6 | 179.5E6  | 56.060 | 54.456 |
| 16)                         | A 4,4'-DDD      | 5.929 | 6.742 | 696.7E6 | 160.6E6  | 56.894 | 59.328 |
| 17)                         | MA 4,4'-DDT     | 6.162 | 7.038 | 732.6E6 | 169.9E6  | 57.452 | 58.043 |
| 18)                         | B Endrin al...  | 6.236 | 6.950 | 633.4E6 | 153.3E6  | 54.443 | 54.249 |
| 19)                         | B Endosulfa...  | 6.447 | 7.173 | 733.2E6 | 179.7E6  | 56.361 | 58.179 |
| 20)                         | A Methoxychlor  | 6.707 | 7.499 | 365.2E6 | 92092388 | 53.867 | 54.908 |
| 21)                         | B Endrin ke...  | 6.928 | 7.641 | 789.7E6 | 185.0E6  | 55.819 | 57.809 |
| 22)                         | Mirex           | 7.101 | 8.088 | 550.8E6 | 138.0E6  | 52.028 | 56.723 |
| -----                       |                 |       |       |         |          |        |        |

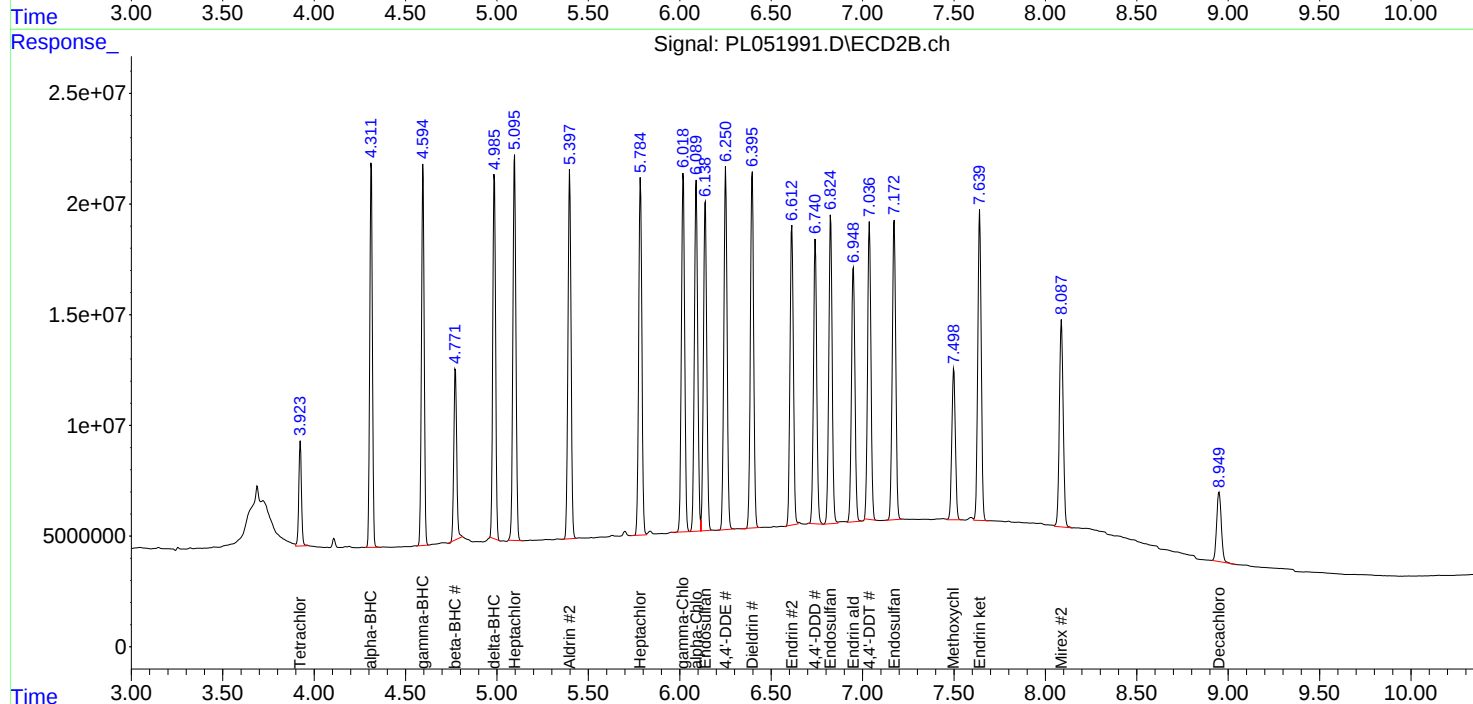
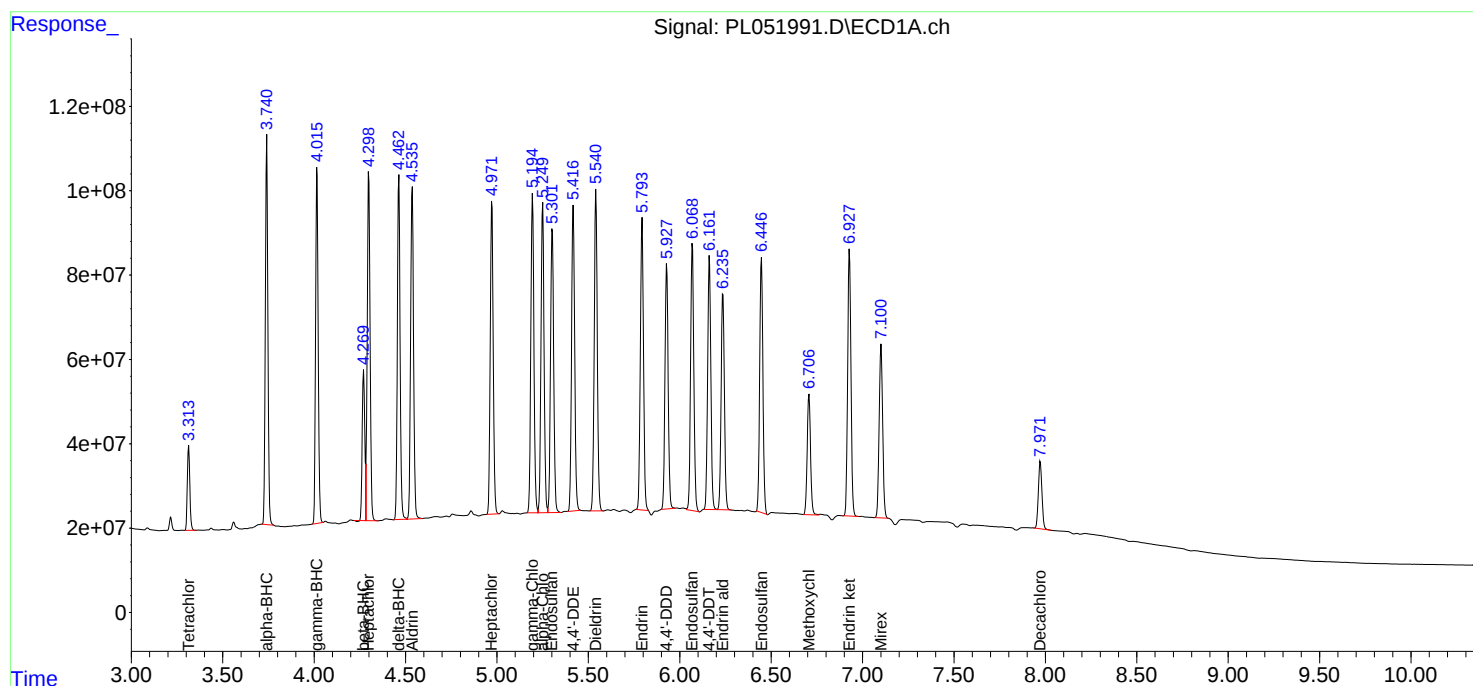
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

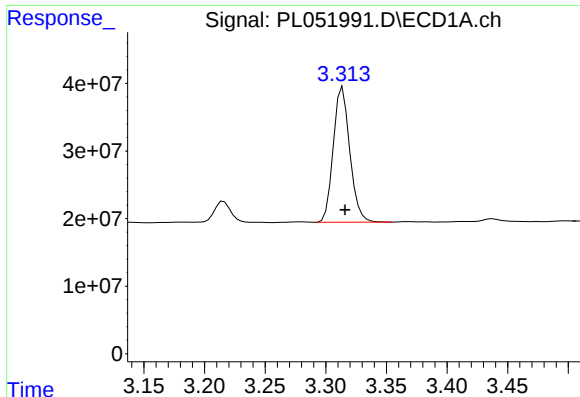
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL082919\  
Data File : PL051991.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Aug 2019 20:16  
Operator : SG\AJ  
Sample : K4095-16MS  
Misc :  
ALS Vial : 41 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
SU-01-082819MS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 30 00:51:13 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081919.M  
Quant Title : GC Extractables  
QLast Update : Mon Aug 19 18:03:07 2019  
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

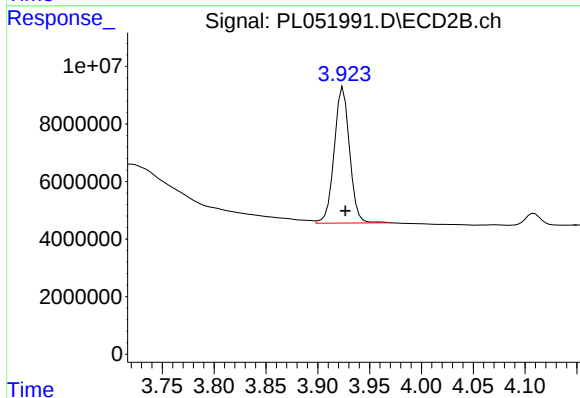




#1 Tetrachloro-m-xylene

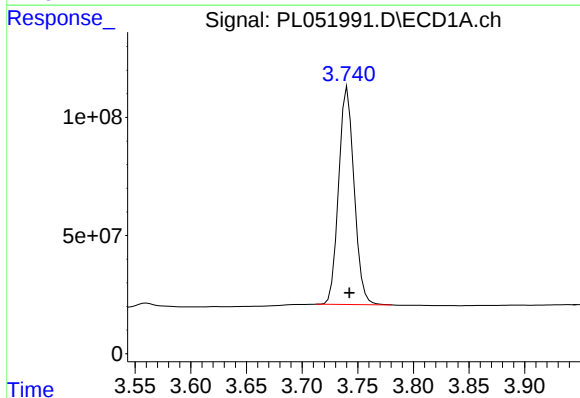
R.T.: 3.314 min  
Delta R.T.: -0.002 min  
Response: 189489489  
Conc: 22.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-01-082819MS



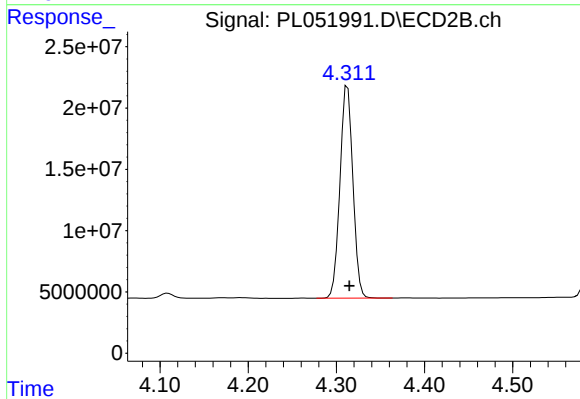
#1 Tetrachloro-m-xylene

R.T.: 3.924 min  
Delta R.T.: -0.002 min  
Response: 48843884  
Conc: 22.36 ng/ml



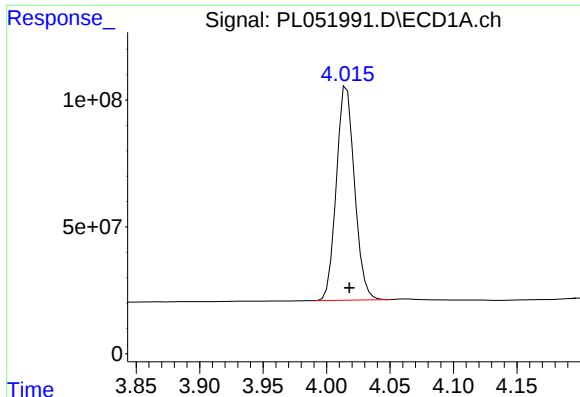
#2 alpha-BHC

R.T.: 3.741 min  
Delta R.T.: -0.002 min  
Response: 889951295  
Conc: 61.42 ng/ml



#2 alpha-BHC

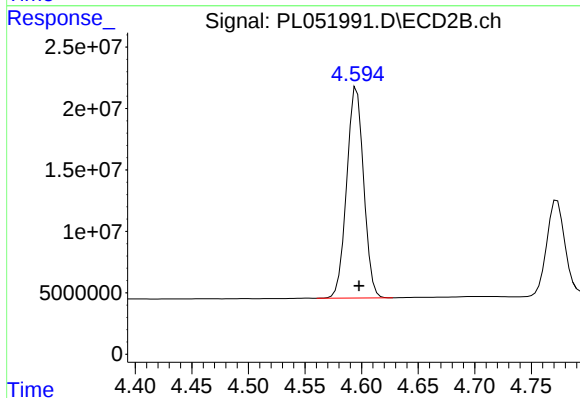
R.T.: 4.313 min  
Delta R.T.: -0.002 min  
Response: 176671585  
Conc: 54.83 ng/ml



#3 gamma-BHC (Lindane)

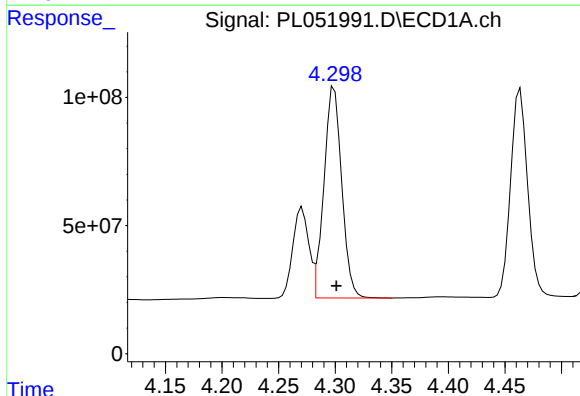
R.T.: 4.016 min  
Delta R.T.: -0.002 min  
Response: 842088989  
Conc: 64.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-01-082819MS



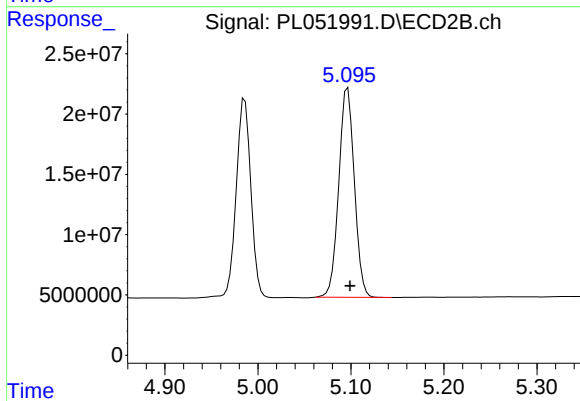
#3 gamma-BHC (Lindane)

R.T.: 4.596 min  
Delta R.T.: -0.002 min  
Response: 178899402  
Conc: 56.82 ng/ml



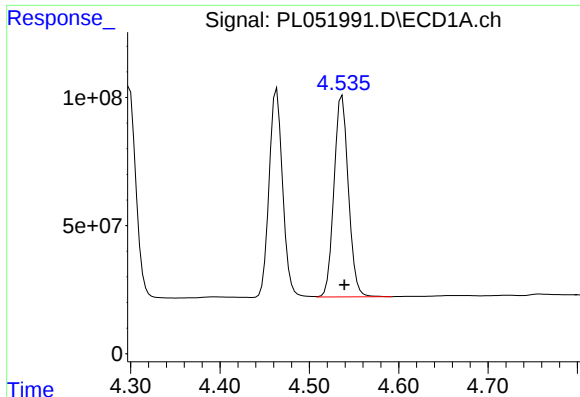
#4 Heptachlor

R.T.: 4.299 min  
Delta R.T.: -0.002 min  
Response: 900512794  
Conc: 59.48 ng/ml



#4 Heptachlor

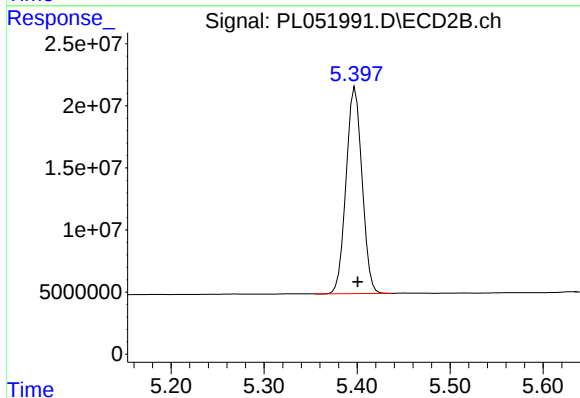
R.T.: 5.097 min  
Delta R.T.: -0.002 min  
Response: 202605311  
Conc: 57.77 ng/ml



#5 Aldrin

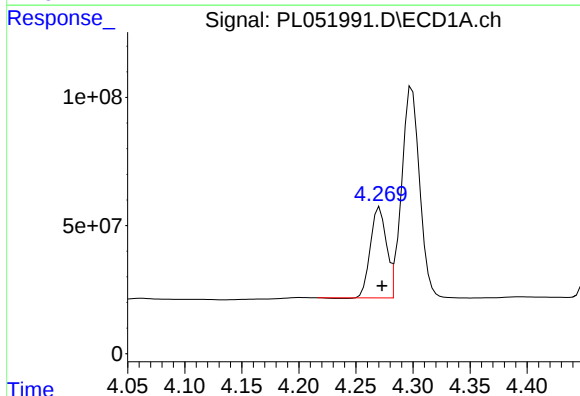
R.T.: 4.537 min  
Delta R.T.: -0.002 min  
Response: 879402551  
Conc: 60.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-01-082819MS



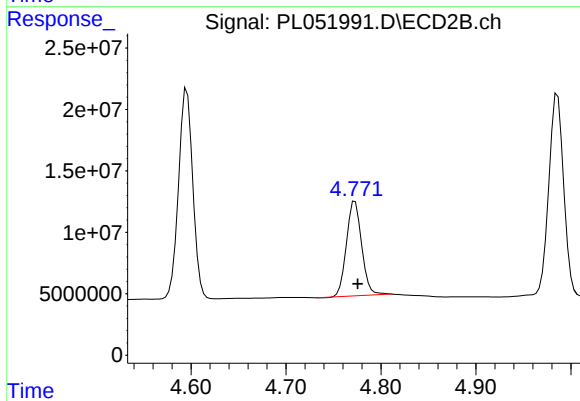
#5 Aldrin

R.T.: 5.398 min  
Delta R.T.: -0.003 min  
Response: 198028190  
Conc: 60.39 ng/ml



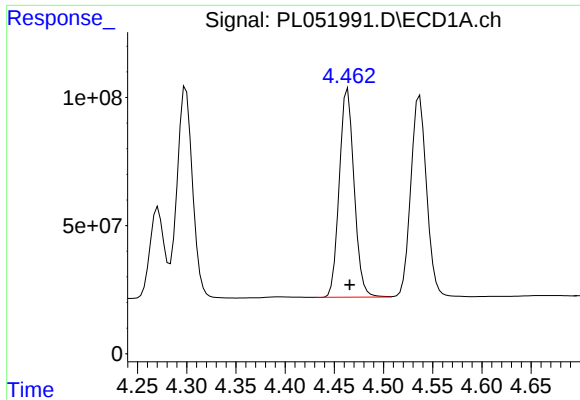
#6 beta-BHC

R.T.: 4.271 min  
Delta R.T.: -0.002 min  
Response: 343054433  
Conc: 60.08 ng/ml



#6 beta-BHC

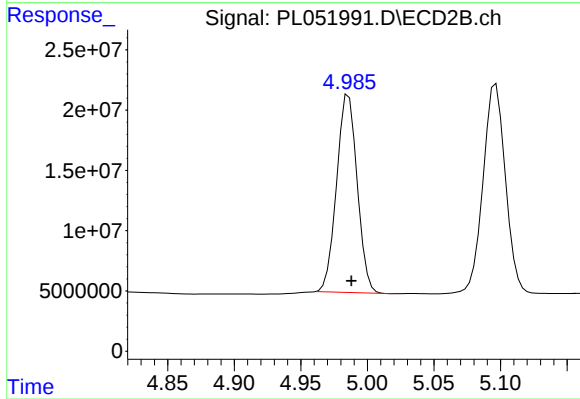
R.T.: 4.773 min  
Delta R.T.: -0.003 min  
Response: 85849196  
Conc: 58.90 ng/ml



#7 delta-BHC

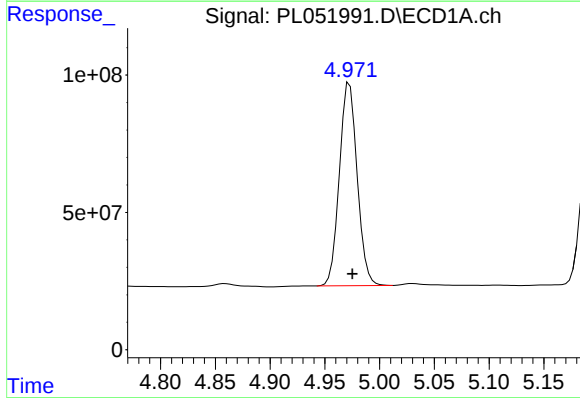
R.T.: 4.464 min  
Delta R.T.: -0.002 min  
Response: 853875781  
Conc: 57.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-01-082819MS



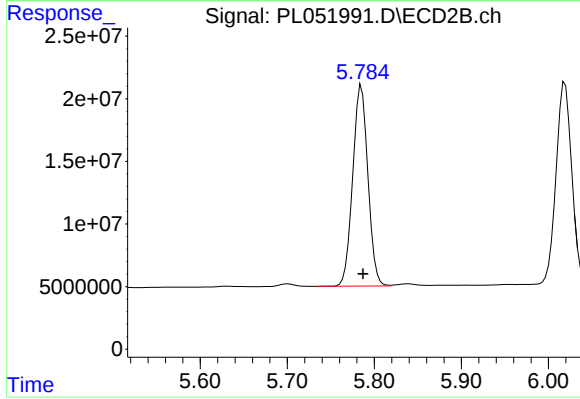
#7 delta-BHC

R.T.: 4.986 min  
Delta R.T.: -0.002 min  
Response: 176385156  
Conc: 56.36 ng/ml



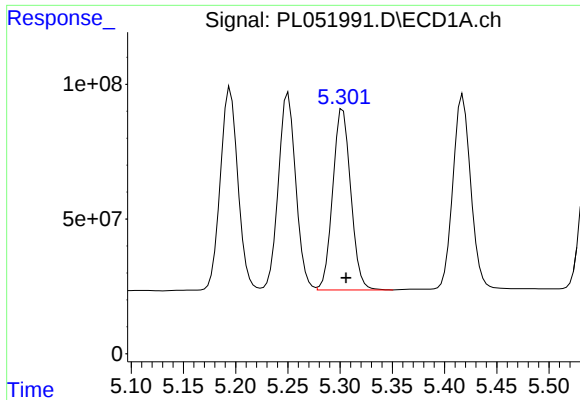
#8 Heptachlor epoxide

R.T.: 4.973 min  
Delta R.T.: -0.003 min  
Response: 835445660  
Conc: 59.74 ng/ml



#8 Heptachlor epoxide

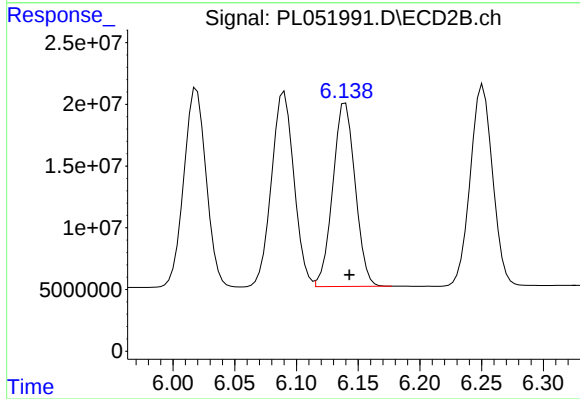
R.T.: 5.785 min  
Delta R.T.: -0.002 min  
Response: 194680801  
Conc: 57.69 ng/ml



#9 Endosulfan I

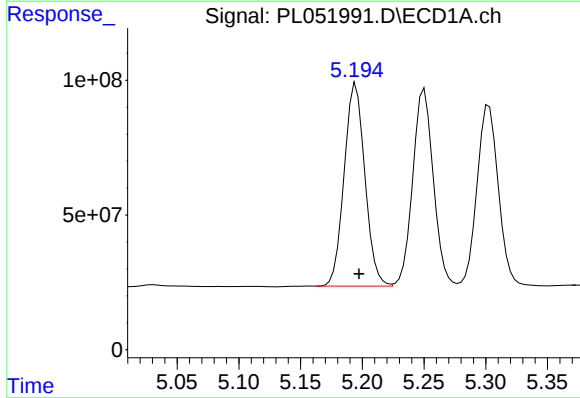
R.T.: 5.303 min  
Delta R.T.: -0.003 min  
Response: 807253362  
Conc: 60.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-01-082819MS



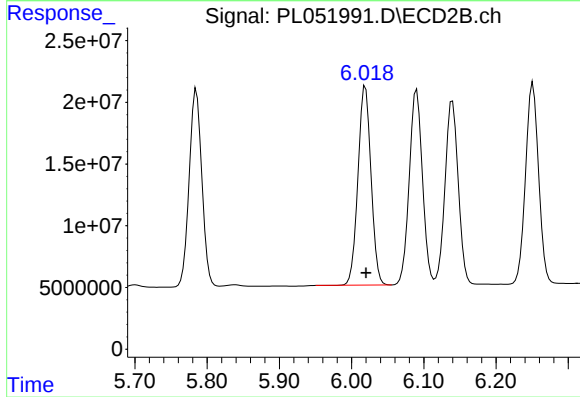
#9 Endosulfan I

R.T.: 6.140 min  
Delta R.T.: -0.003 min  
Response: 187565676  
Conc: 58.01 ng/ml



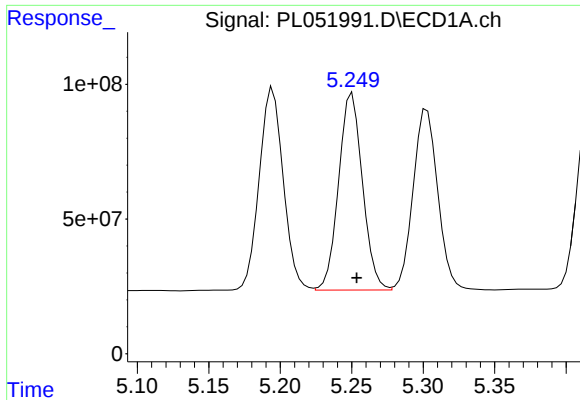
#10 gamma-Chlordane

R.T.: 5.195 min  
Delta R.T.: -0.002 min  
Response: 877924318  
Conc: 58.79 ng/ml



#10 gamma-Chlordane

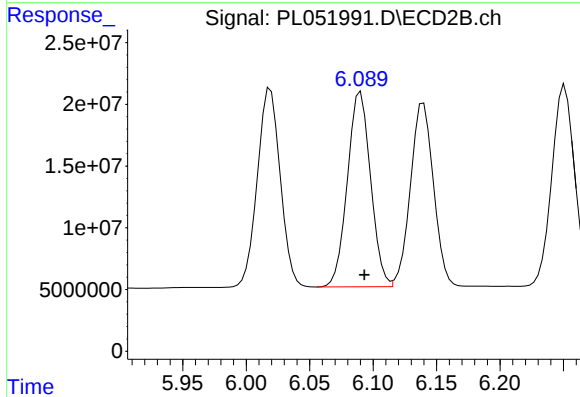
R.T.: 6.019 min  
Delta R.T.: -0.001 min  
Response: 202656466  
Conc: 55.51 ng/ml



#11 alpha-Chlordane

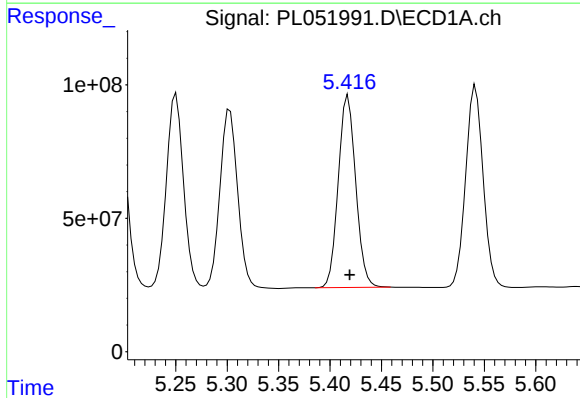
R.T.: 5.250 min  
Delta R.T.: -0.003 min  
Response: 849952534  
Conc: 58.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-01-082819MS



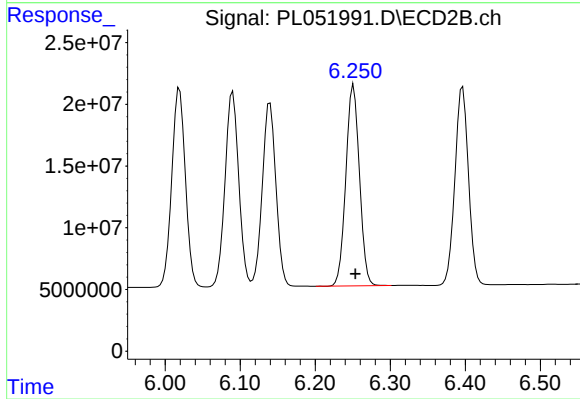
#11 alpha-Chlordane

R.T.: 6.090 min  
Delta R.T.: -0.003 min  
Response: 200619372  
Conc: 58.13 ng/ml



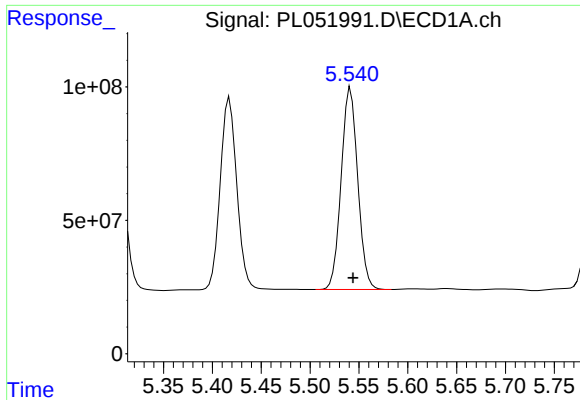
#12 4,4'-DDE

R.T.: 5.418 min  
Delta R.T.: -0.002 min  
Response: 850049560  
Conc: 62.11 ng/ml



#12 4,4'-DDE

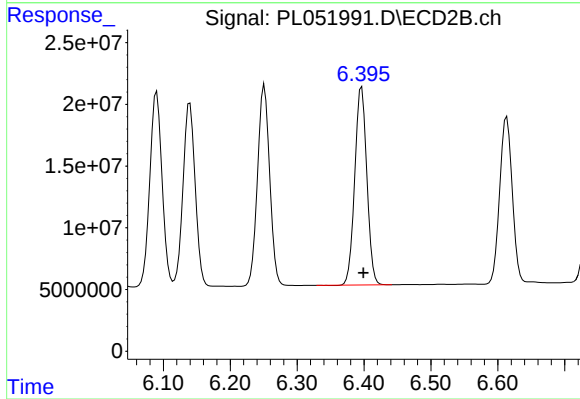
R.T.: 6.251 min  
Delta R.T.: -0.002 min  
Response: 204851737  
Conc: 58.20 ng/ml



#13 Dieldrin

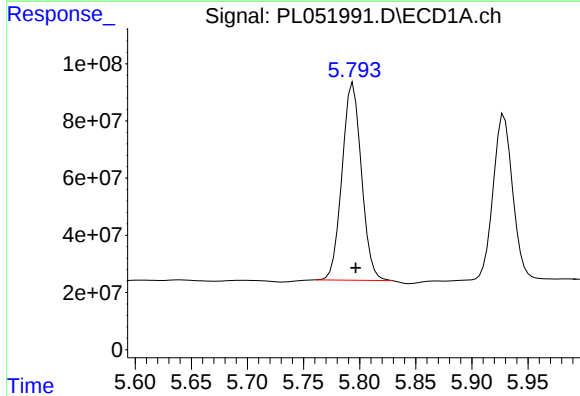
R.T.: 5.541 min  
Delta R.T.: -0.003 min  
Response: 894066903  
Conc: 58.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-01-082819MS



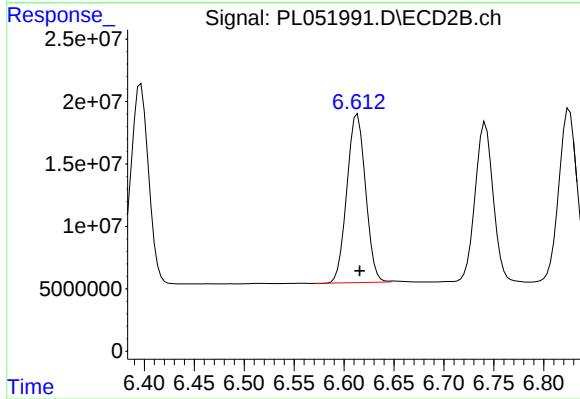
#13 Dieldrin

R.T.: 6.397 min  
Delta R.T.: -0.003 min  
Response: 201208959  
Conc: 58.75 ng/ml



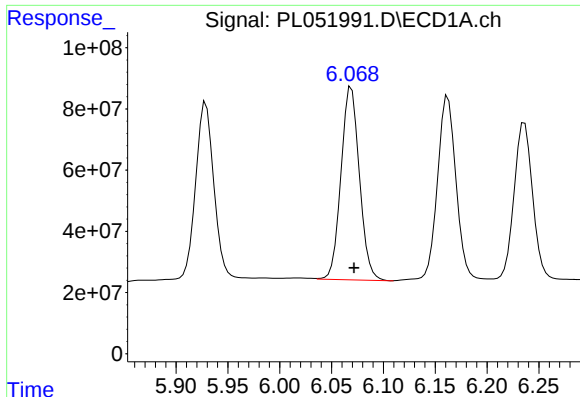
#14 Endrin

R.T.: 5.794 min  
Delta R.T.: -0.002 min  
Response: 828323277  
Conc: 56.79 ng/ml



#14 Endrin

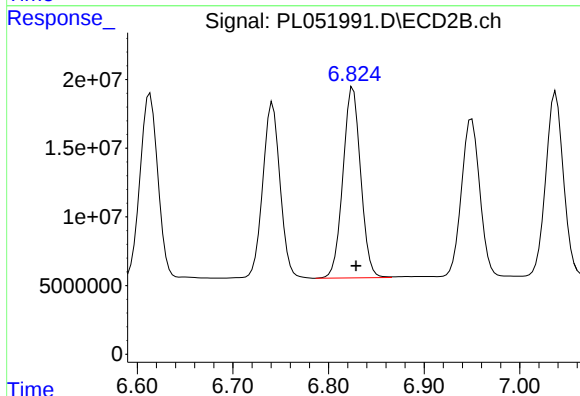
R.T.: 6.614 min  
Delta R.T.: -0.002 min  
Response: 175255090  
Conc: 57.94 ng/ml



#15 Endosulfan II

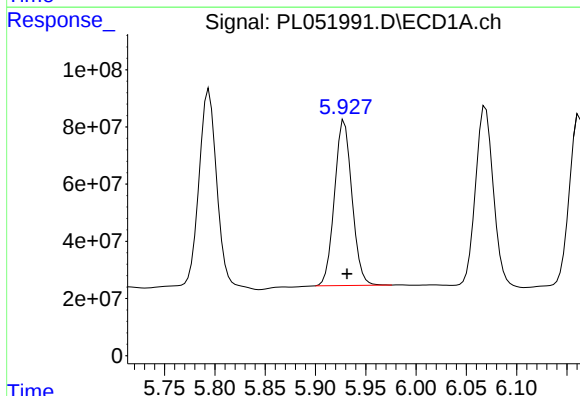
R.T.: 6.069 min  
Delta R.T.: -0.003 min  
Response: 780010541  
Conc: 56.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-01-082819MS



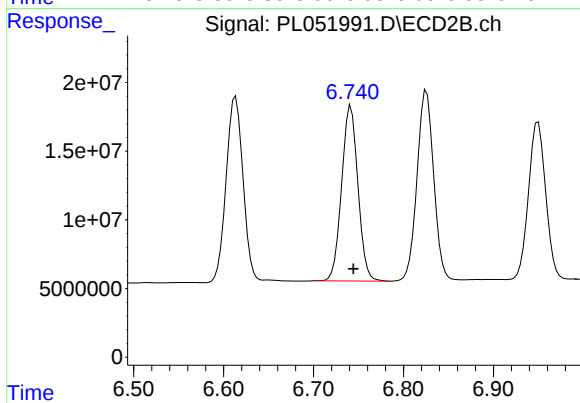
#15 Endosulfan II

R.T.: 6.826 min  
Delta R.T.: -0.003 min  
Response: 179488563  
Conc: 54.46 ng/ml



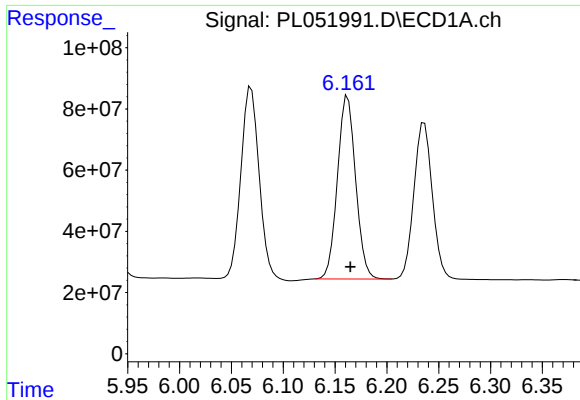
#16 4,4'-DDD

R.T.: 5.929 min  
Delta R.T.: -0.003 min  
Response: 696691884  
Conc: 56.89 ng/ml



#16 4,4'-DDD

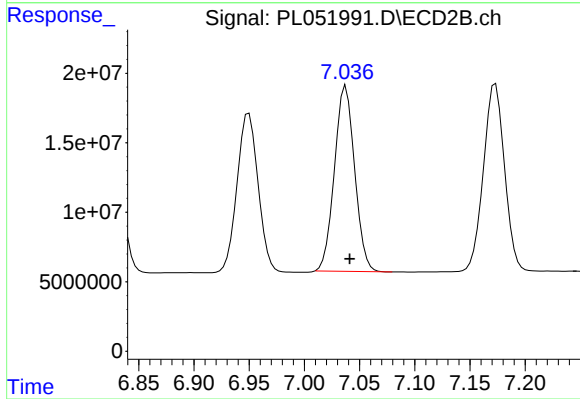
R.T.: 6.742 min  
Delta R.T.: -0.003 min  
Response: 160620567  
Conc: 59.33 ng/ml



#17 4,4'-DDT

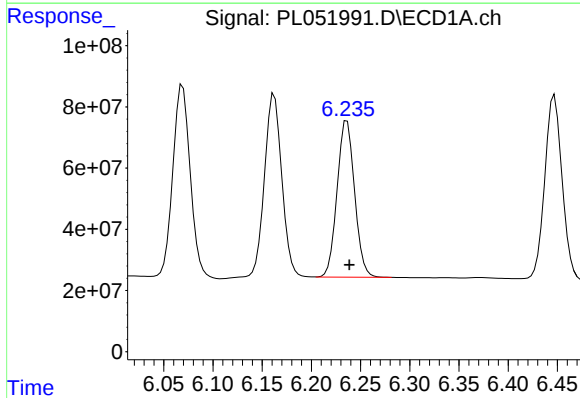
R.T.: 6.162 min  
Delta R.T.: -0.003 min  
Response: 732594319  
Conc: 57.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-01-082819MS



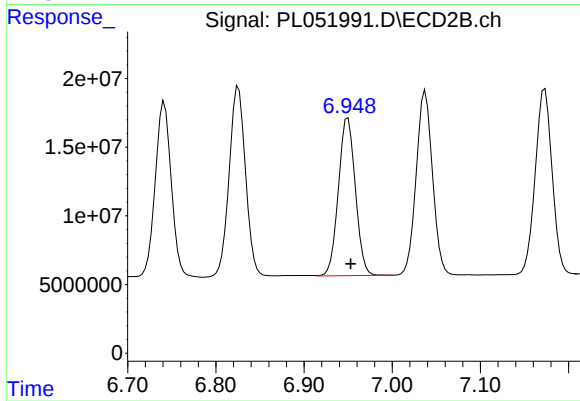
#17 4,4'-DDT

R.T.: 7.038 min  
Delta R.T.: -0.003 min  
Response: 169931598  
Conc: 58.04 ng/ml



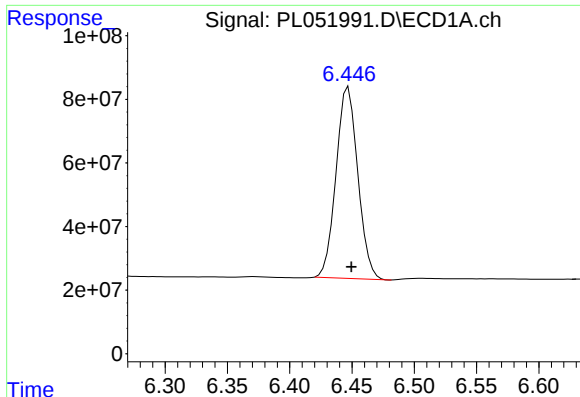
#18 Endrin aldehyde

R.T.: 6.236 min  
Delta R.T.: -0.003 min  
Response: 633351579  
Conc: 54.44 ng/ml



#18 Endrin aldehyde

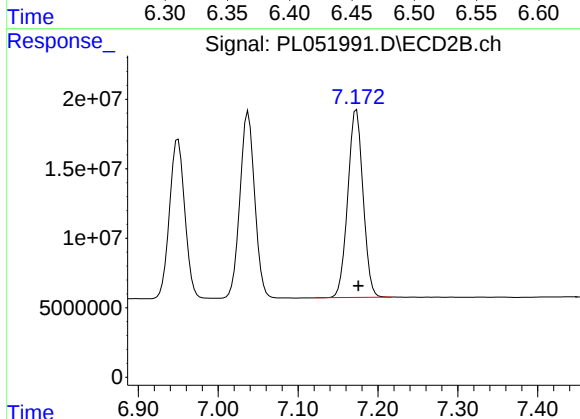
R.T.: 6.950 min  
Delta R.T.: -0.003 min  
Response: 153319348  
Conc: 54.25 ng/ml



#19 Endosulfan Sulfate

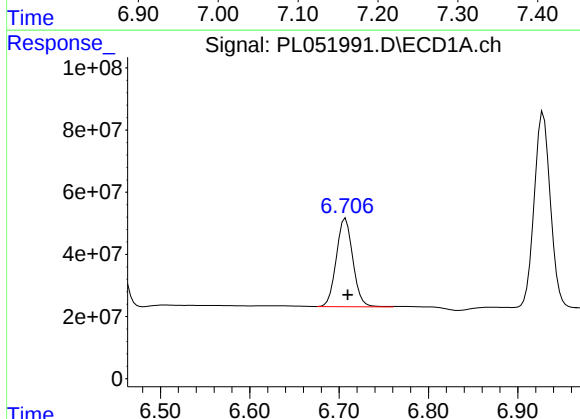
R.T.: 6.447 min  
Delta R.T.: -0.002 min  
Response: 733206122  
Conc: 56.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-01-082819MS



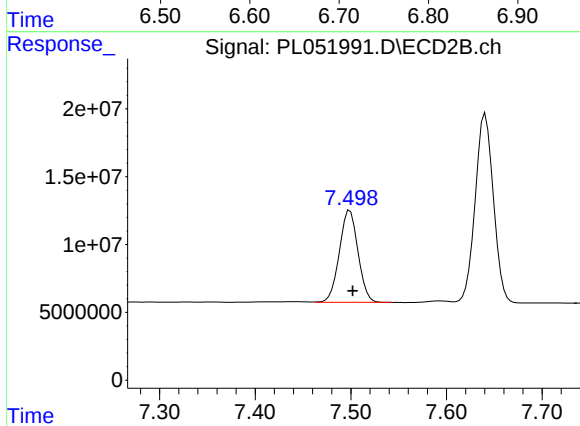
#19 Endosulfan Sulfate

R.T.: 7.173 min  
Delta R.T.: -0.003 min  
Response: 179658075  
Conc: 58.18 ng/ml



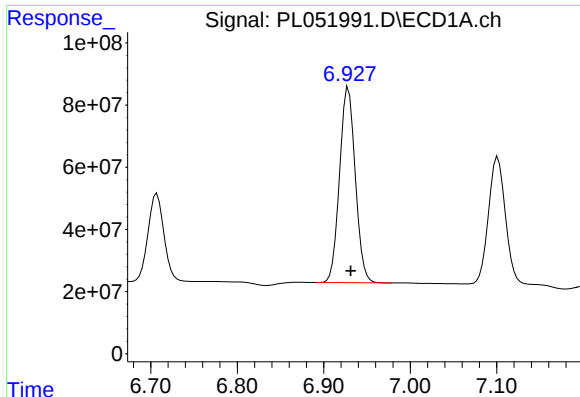
#20 Methoxychlor

R.T.: 6.707 min  
Delta R.T.: -0.002 min  
Response: 365203472  
Conc: 53.87 ng/ml



#20 Methoxychlor

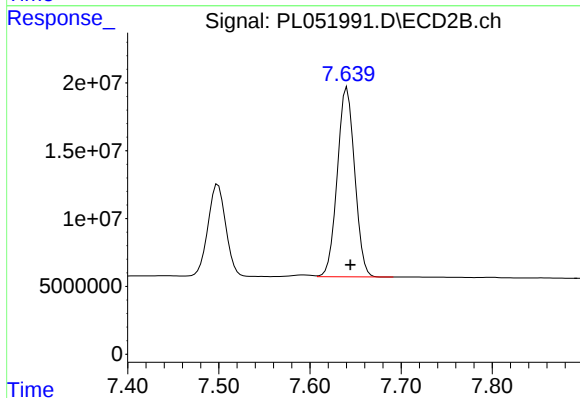
R.T.: 7.499 min  
Delta R.T.: -0.003 min  
Response: 92092388  
Conc: 54.91 ng/ml



#21 Endrin ketone

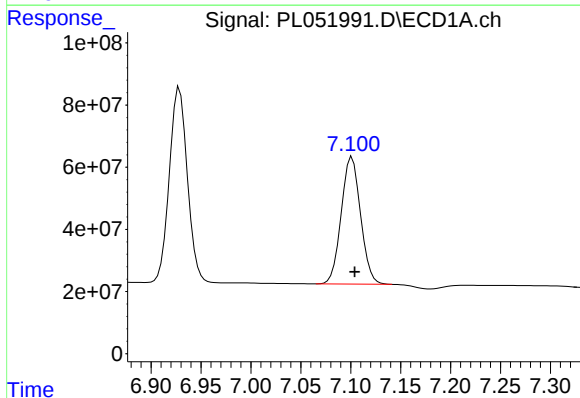
R.T.: 6.928 min  
Delta R.T.: -0.003 min  
Response: 789668829  
Conc: 55.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-01-082819MS



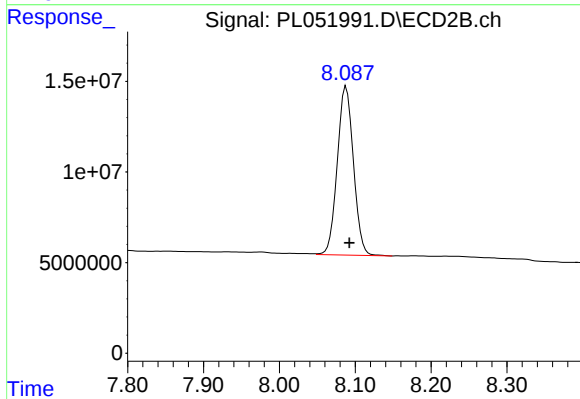
#21 Endrin ketone

R.T.: 7.641 min  
Delta R.T.: -0.003 min  
Response: 184958272  
Conc: 57.81 ng/ml



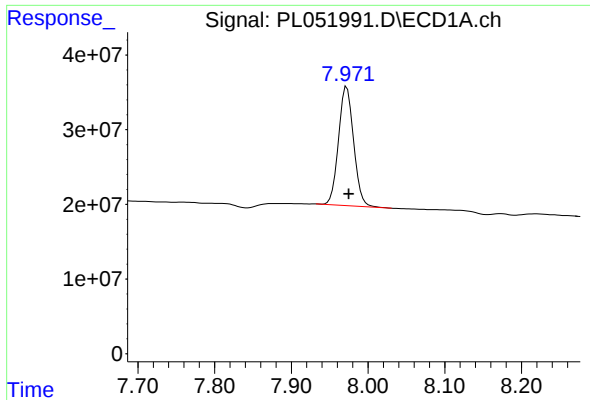
#22 Mirex

R.T.: 7.101 min  
Delta R.T.: -0.003 min  
Response: 550838081  
Conc: 52.03 ng/ml



#22 Mirex

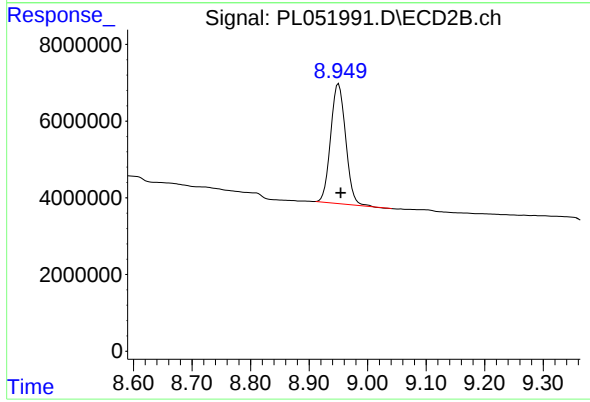
R.T.: 8.088 min  
Delta R.T.: -0.004 min  
Response: 137992157  
Conc: 56.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.972 min  
Delta R.T.: -0.002 min  
Response: 217407558  
Conc: 17.91 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SU-01-082819MS



#28 Decachlorobiphenyl

R.T.: 8.950 min  
Delta R.T.: -0.004 min  
Response: 55450085  
Conc: 18.22 ng/ml