

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL120518\  
 Data File : PL042830.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Dec 2018 18:39  
 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: Dec 06 00:09:21 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112018.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Nov 20 02:29:59 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... | 3.466 | 4.101 | 285.6E6 | 151.0E6  | 48.540   | 52.505     |
| 28)                         | SA Decachlor... | 8.202 | 9.232 | 300.8E6 | 126.3E6  | 47.733   | 52.380     |
| Target Compounds            |                 |       |       |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.906 | 4.496 | 451.7E6 | 231.9E6  | 50.060   | 54.152     |
| 3)                          | MA gamma-BHC... | 4.189 | 4.785 | 412.7E6 | 212.4E6  | 50.077   | 53.747     |
| 4)                          | MA Heptachlor   | 4.484 | 5.300 | 392.2E6 | 191.4E6  | 45.068   | 48.783     |
| 5)                          | MB Aldrin       | 4.730 | 5.609 | 404.8E6 | 205.3E6  | 49.864   | 53.458     |
| 6)                          | B beta-BHC      | 4.443 | 4.954 | 171.1E6 | 86157050 | 48.296   | 54.608     |
| 7)                          | B delta-BHC     | 4.645 | 5.175 | 388.8E6 | 202.5E6  | 50.770   | 55.024     |
| 8)                          | B Heptachlo...  | 5.173 | 5.998 | 373.7E6 | 187.7E6  | 49.302   | 52.339     |
| 9)                          | A Endosulfan I  | 5.511 | 6.358 | 343.5E6 | 169.7E6  | 49.630   | 53.751     |
| 10)                         | B gamma-Chl...  | 5.399 | 6.233 | 379.0E6 | 183.1E6  | 49.704   | 53.770     |
| 11)                         | B alpha-Chl...  | 5.456 | 6.306 | 371.1E6 | 178.2E6  | 49.434   | 53.278     |
| 12)                         | B 4,4'-DDE      | 5.623 | 6.460 | 337.0E6 | 180.3E6  | 51.488   | 54.178     |
| 13)                         | MA Dieldrin     | 5.753 | 6.616 | 370.8E6 | 182.6E6  | 50.397   | 54.860     |
| 14)                         | MA Endrin       | 6.010 | 6.836 | 284.8E6 | 126.5E6  | 43.548   | 45.914     |
| 15)                         | B Endosulfa...  | 6.285 | 7.044 | 315.4E6 | 152.1E6  | 50.456   | 55.068     |
| 16)                         | A 4,4'-DDD      | 6.139 | 6.953 | 290.1E6 | 150.7E6  | 54.798   | 57.256     |
| 17)                         | MA 4,4'-DDT     | 6.376 | 7.252 | 238.5E6 | 124.5E6  | 42.844   | 47.138     |
| 18)                         | B Endrin al...  | 6.453 | 7.169 | 266.8E6 | 129.1E6  | 51.315   | 56.329     |
| 19)                         | B Endosulfa...  | 6.665 | 7.392 | 318.0E6 | 150.0E6  | 50.975   | 53.930     |
| 20)                         | A Methoxychlor  | 6.923 | 7.709 | 132.4E6 | 63143378 | 41.996   | 46.312     |
| 21)                         | B Endrin ke...  | 7.154 | 7.866 | 374.4E6 | 163.3E6  | 54.067   | 59.073     |
| 23)                         | Chlordane-1     | 4.362 | 5.175 | 1662764 | 202.5E6  | 6.014    | 1523.316 # |
| 24)                         | Chlordane-2     | 0.000 | 5.609 | 0       | 205.3E6  | N.D.     | 1472.275 # |
| 25)                         | Chlordane-3     | 5.399 | 6.233 | 379.0E6 | 183.1E6  | 432.321  | 389.538    |
| 26)                         | Chlordane-4     | 5.456 | 6.306 | 371.1E6 | 178.2E6  | 488.972  | 325.594 #  |
| 27)                         | Chlordane-5     | 6.285 | 7.169 | 315.4E6 | 129.1E6  | 1058.405 | 1342.475 # |
| -----                       |                 |       |       |         |          |          |            |

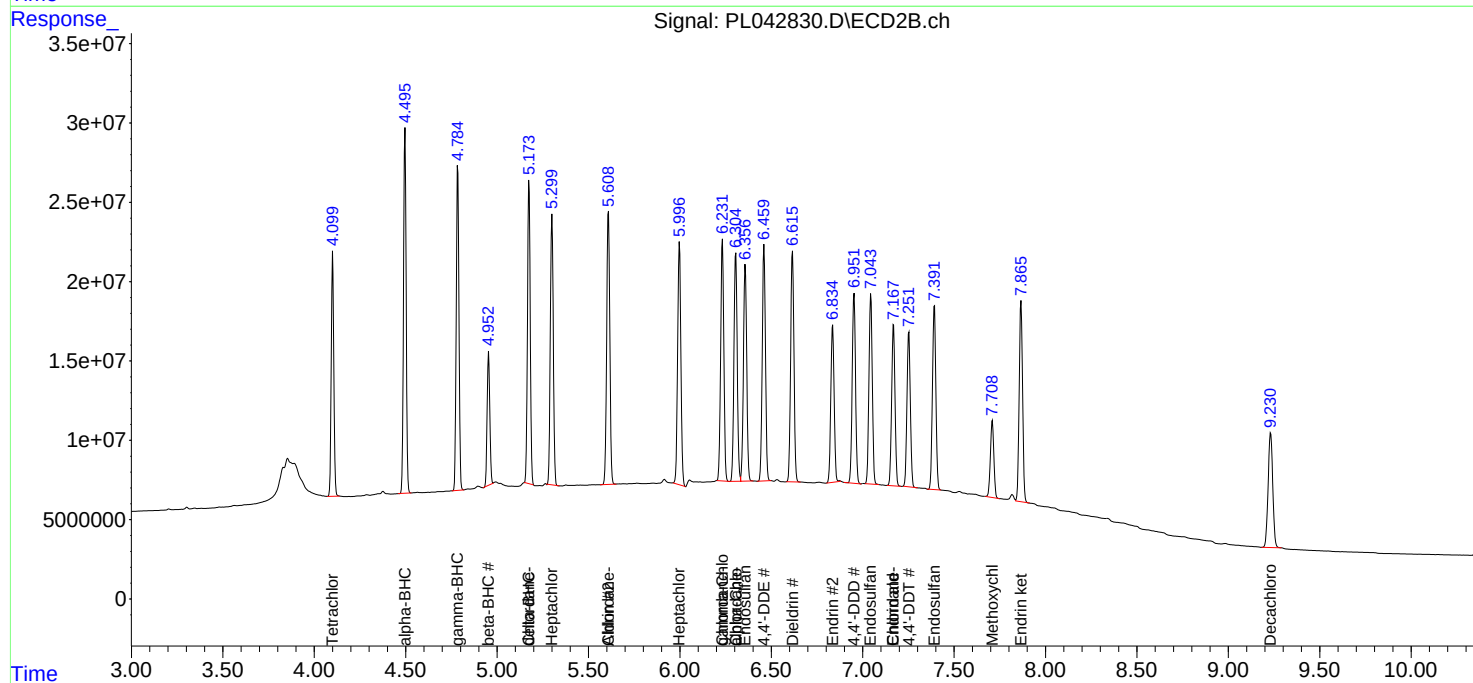
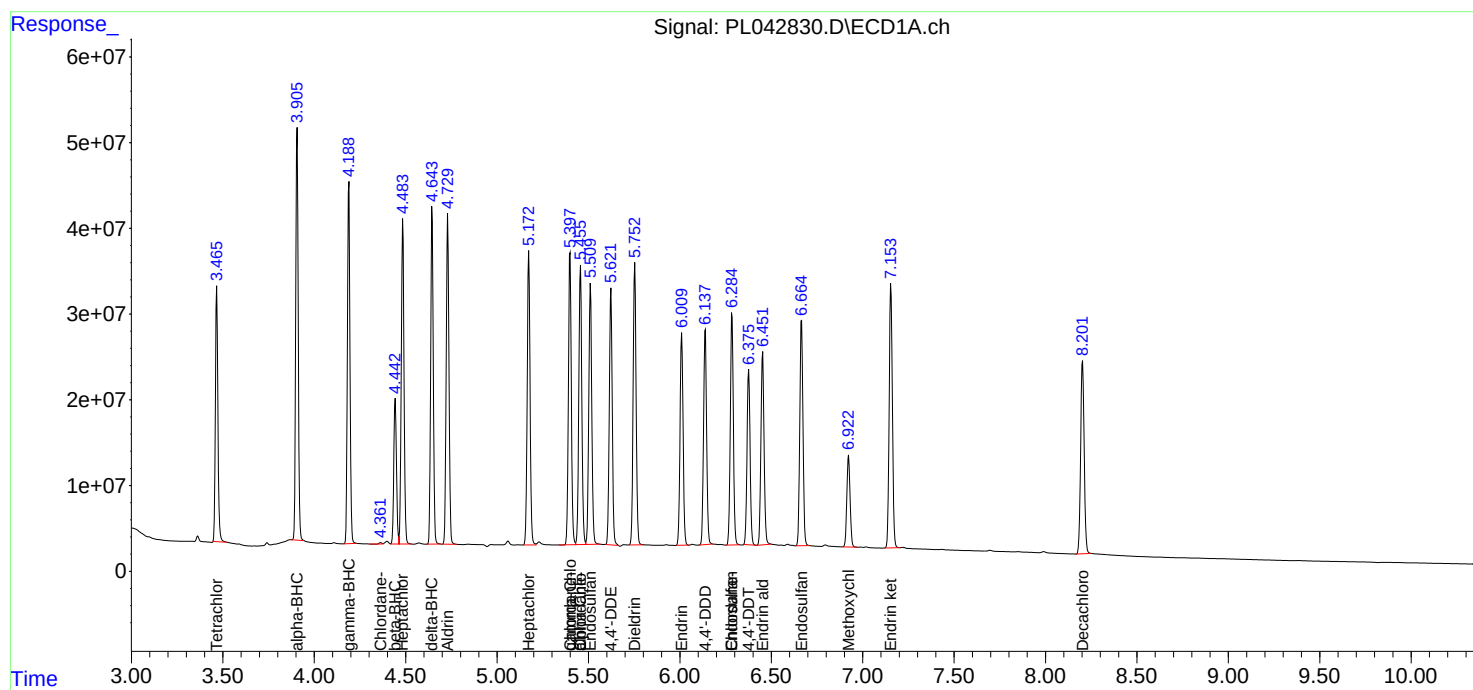
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

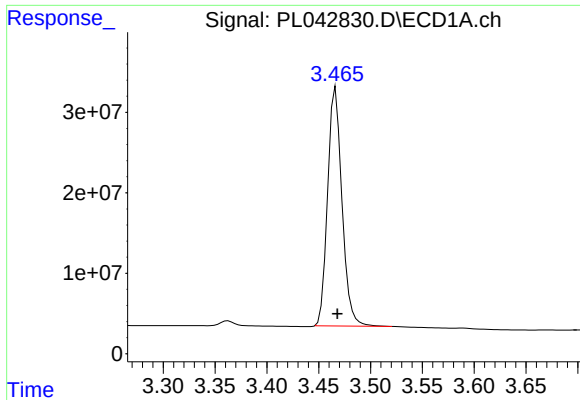
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL120518\  
Data File : PL042830.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Dec 2018 18:39  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 06 00:09:21 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112018.M  
Quant Title : GC Extractables  
QLast Update : Tue Nov 20 02:29:59 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

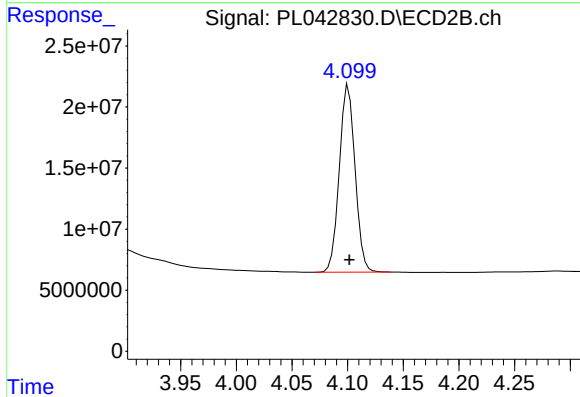




#1 Tetrachloro-m-xylene

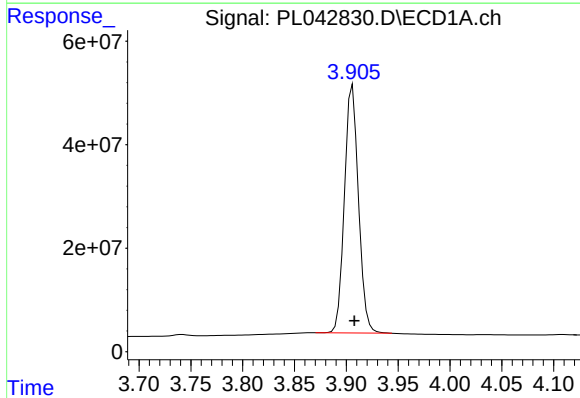
R.T.: 3.466 min  
Delta R.T.: -0.002 min  
Response: 285581971  
Conc: 48.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



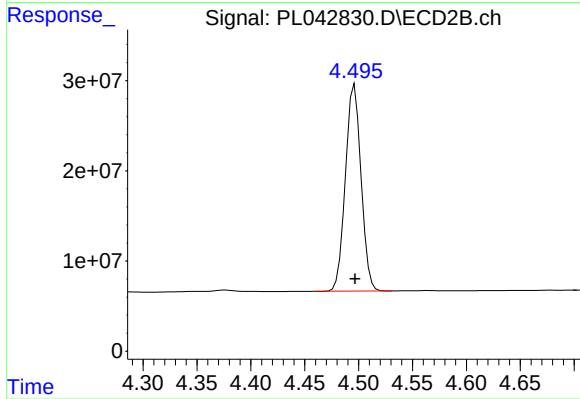
#1 Tetrachloro-m-xylene

R.T.: 4.101 min  
Delta R.T.: 0.000 min  
Response: 151010676  
Conc: 52.50 ng/ml



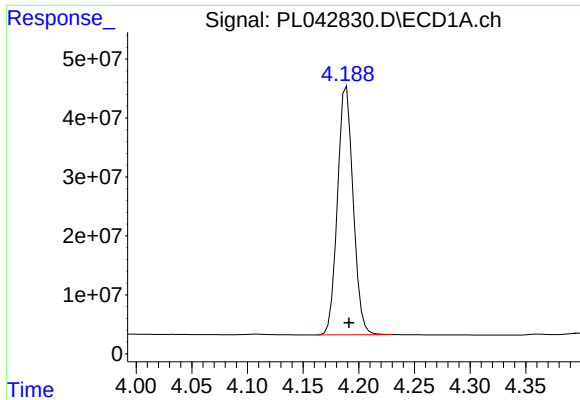
#2 alpha-BHC

R.T.: 3.906 min  
Delta R.T.: -0.002 min  
Response: 451705256  
Conc: 50.06 ng/ml



#2 alpha-BHC

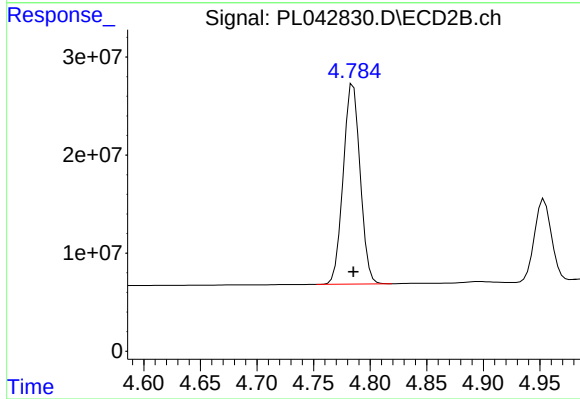
R.T.: 4.496 min  
Delta R.T.: 0.000 min  
Response: 231904847  
Conc: 54.15 ng/ml



#3 gamma-BHC (Lindane)

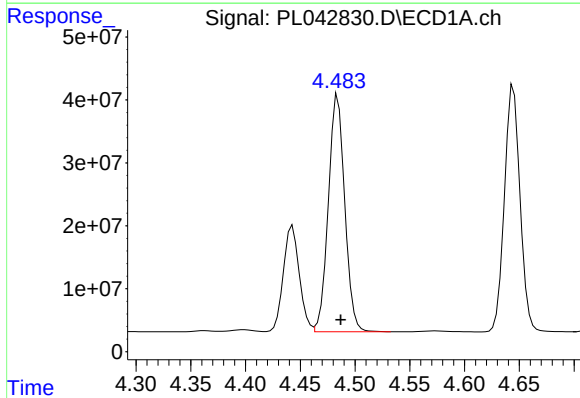
R.T.: 4.189 min  
Delta R.T.: -0.002 min  
Response: 412732846  
Conc: 50.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



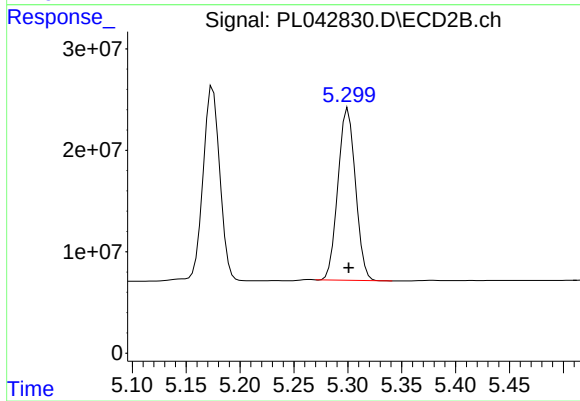
#3 gamma-BHC (Lindane)

R.T.: 4.785 min  
Delta R.T.: 0.000 min  
Response: 212386143  
Conc: 53.75 ng/ml



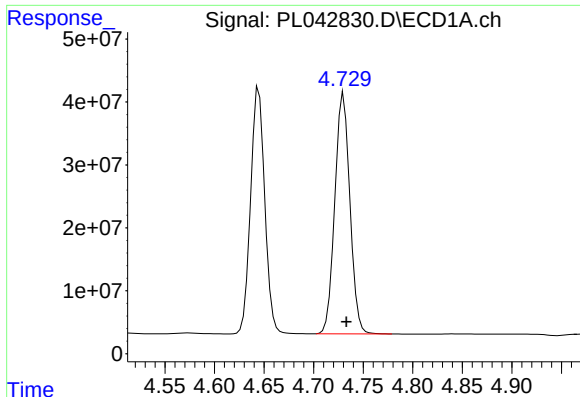
#4 Heptachlor

R.T.: 4.484 min  
Delta R.T.: -0.002 min  
Response: 392151090  
Conc: 45.07 ng/ml



#4 Heptachlor

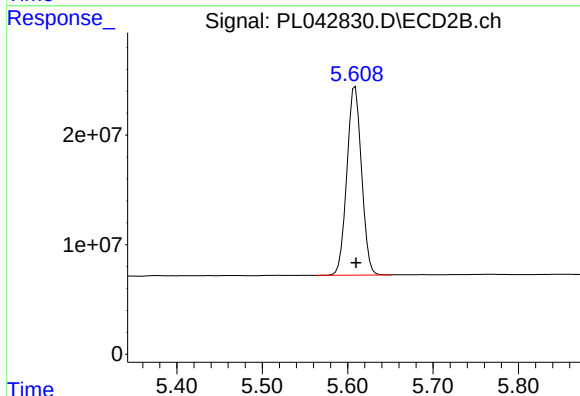
R.T.: 5.300 min  
Delta R.T.: 0.000 min  
Response: 191369211  
Conc: 48.78 ng/ml



#5 Aldrin

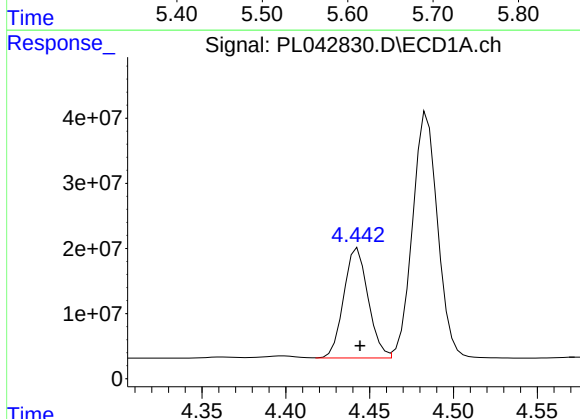
R.T.: 4.730 min  
Delta R.T.: -0.003 min  
Response: 404845563  
Conc: 49.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



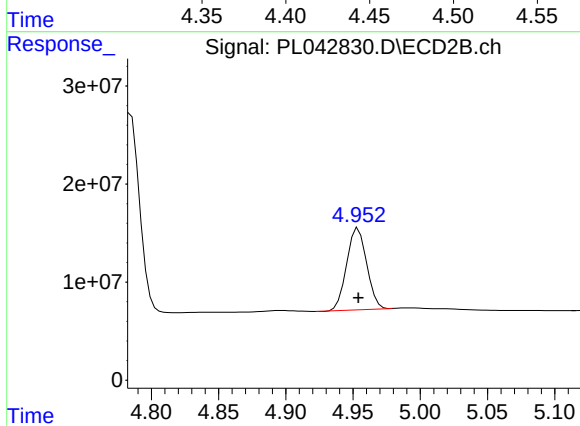
#5 Aldrin

R.T.: 5.609 min  
Delta R.T.: 0.000 min  
Response: 205300039  
Conc: 53.46 ng/ml



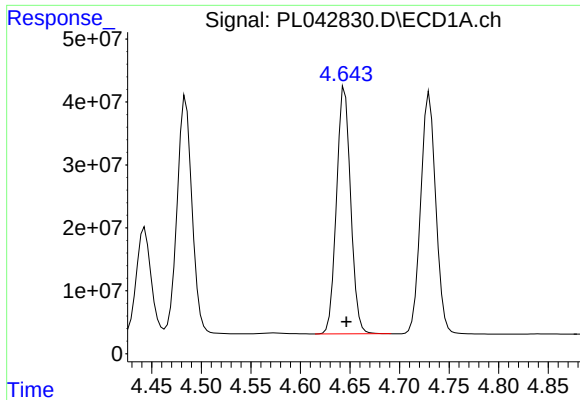
#6 beta-BHC

R.T.: 4.443 min  
Delta R.T.: -0.001 min  
Response: 171099296  
Conc: 48.30 ng/ml



#6 beta-BHC

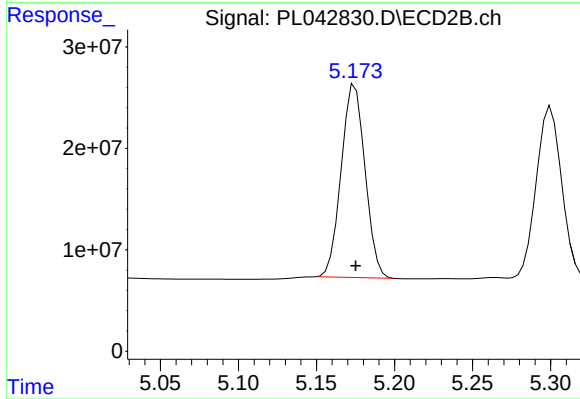
R.T.: 4.954 min  
Delta R.T.: 0.000 min  
Response: 86157050  
Conc: 54.61 ng/ml



#7 delta-BHC

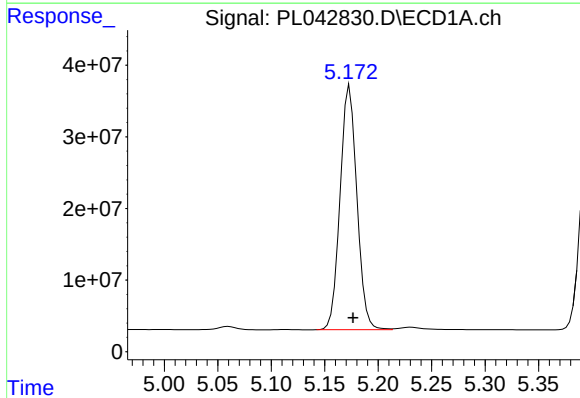
R.T.: 4.645 min  
Delta R.T.: -0.002 min  
Response: 388791287  
Conc: 50.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



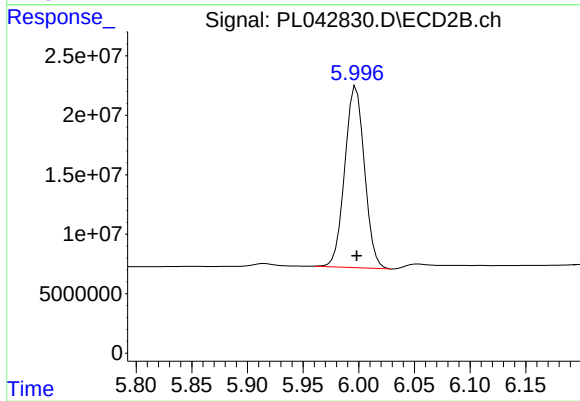
#7 delta-BHC

R.T.: 5.175 min  
Delta R.T.: 0.000 min  
Response: 202498053  
Conc: 55.02 ng/ml



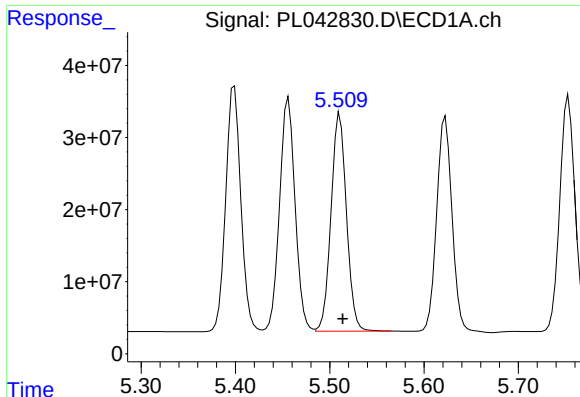
#8 Heptachlor epoxide

R.T.: 5.173 min  
Delta R.T.: -0.003 min  
Response: 373687151  
Conc: 49.30 ng/ml



#8 Heptachlor epoxide

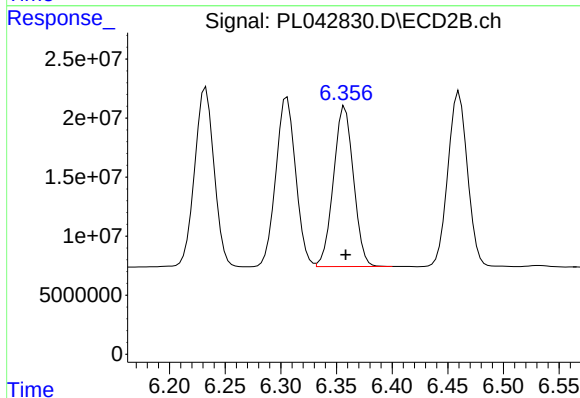
R.T.: 5.998 min  
Delta R.T.: 0.000 min  
Response: 187667455  
Conc: 52.34 ng/ml



#9 Endosulfan I

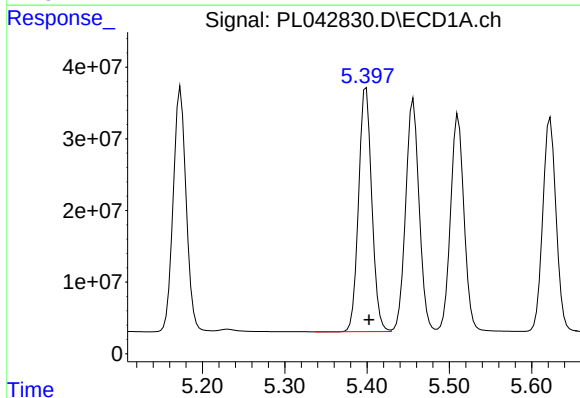
R.T.: 5.511 min  
Delta R.T.: -0.003 min  
Response: 343456714  
Conc: 49.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



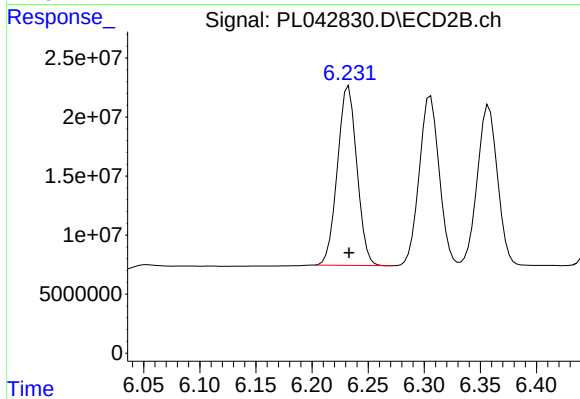
#9 Endosulfan I

R.T.: 6.358 min  
Delta R.T.: 0.000 min  
Response: 169748004  
Conc: 53.75 ng/ml



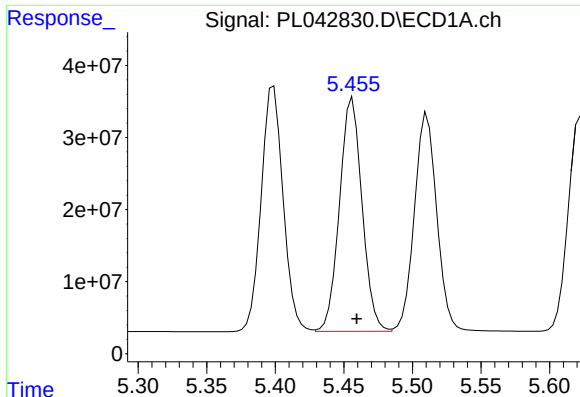
#10 gamma-Chlordane

R.T.: 5.399 min  
Delta R.T.: -0.003 min  
Response: 378968380  
Conc: 49.70 ng/ml



#10 gamma-Chlordane

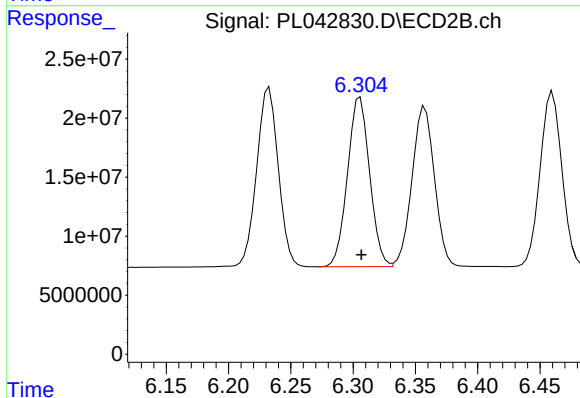
R.T.: 6.233 min  
Delta R.T.: 0.000 min  
Response: 183053766  
Conc: 53.77 ng/ml



#11 alpha-Chlordane

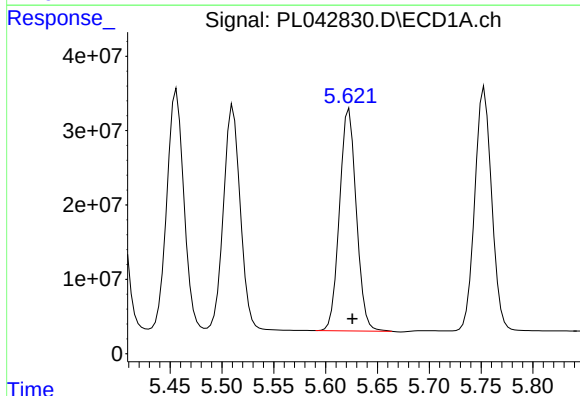
R.T.: 5.456 min  
Delta R.T.: -0.003 min  
Response: 371090975  
Conc: 49.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



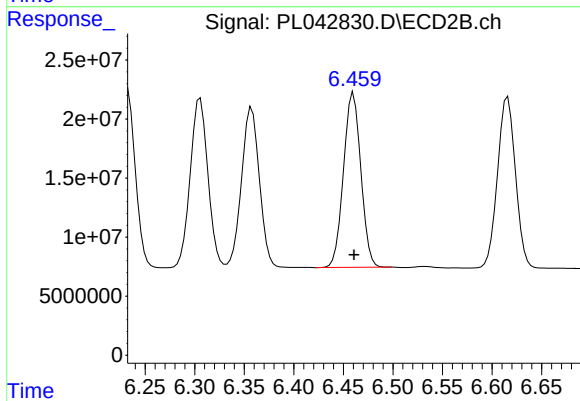
#11 alpha-Chlordane

R.T.: 6.306 min  
Delta R.T.: 0.000 min  
Response: 178150787  
Conc: 53.28 ng/ml



#12 4,4'-DDE

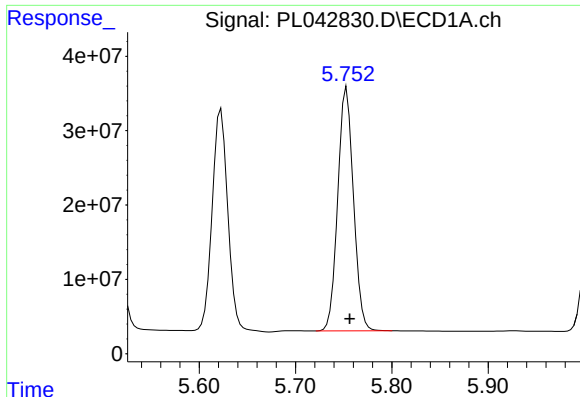
R.T.: 5.623 min  
Delta R.T.: -0.003 min  
Response: 336997513  
Conc: 51.49 ng/ml



#12 4,4'-DDE

R.T.: 6.460 min  
Delta R.T.: 0.000 min  
Response: 180314292  
Conc: 54.18 ng/ml

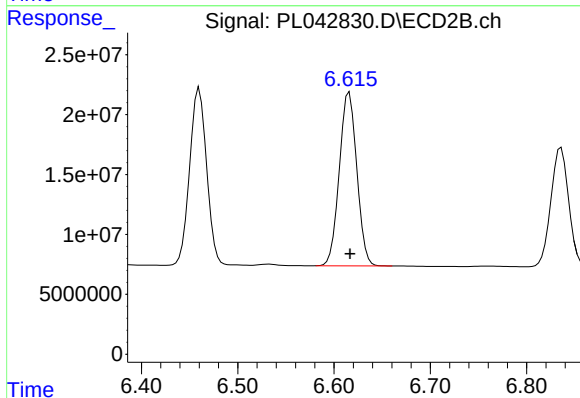




#13 Dieldrin

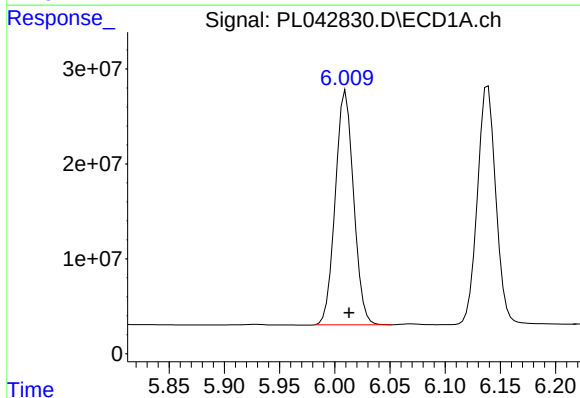
R.T.: 5.753 min  
Delta R.T.: -0.003 min  
Response: 370756095  
Conc: 50.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



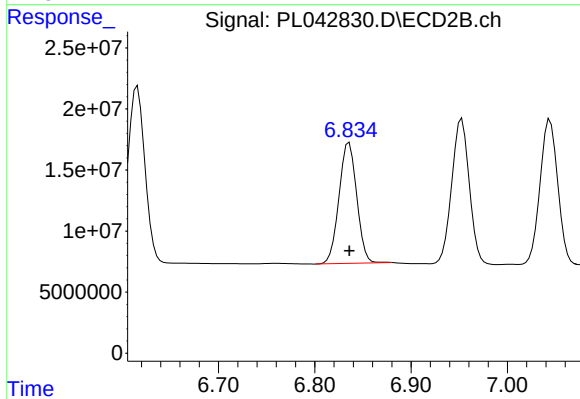
#13 Dieldrin

R.T.: 6.616 min  
Delta R.T.: 0.000 min  
Response: 182603547  
Conc: 54.86 ng/ml



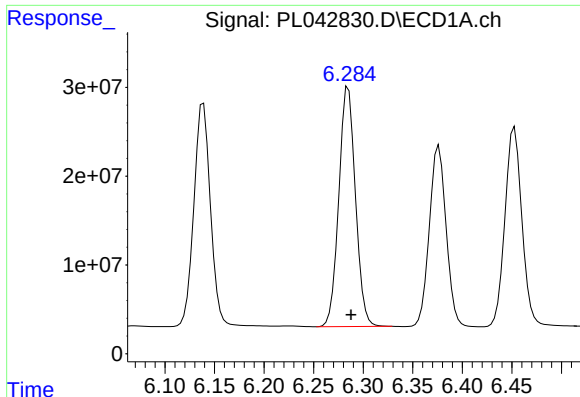
#14 Endrin

R.T.: 6.010 min  
Delta R.T.: -0.003 min  
Response: 284819227  
Conc: 43.55 ng/ml



#14 Endrin

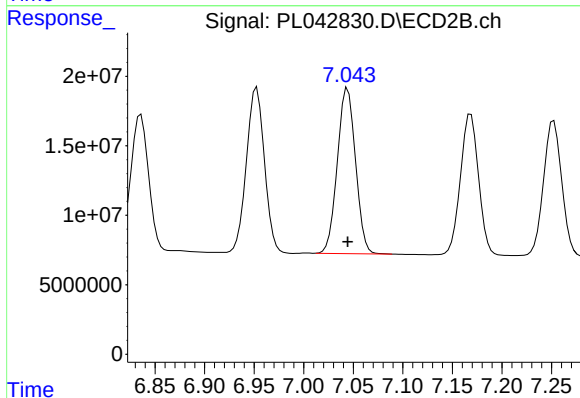
R.T.: 6.836 min  
Delta R.T.: 0.000 min  
Response: 126473502  
Conc: 45.91 ng/ml



#15 Endosulfan II

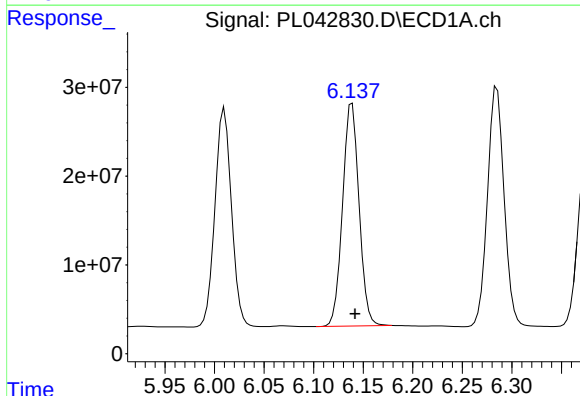
R.T.: 6.285 min  
Delta R.T.: -0.003 min  
Response: 315375185  
Conc: 50.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



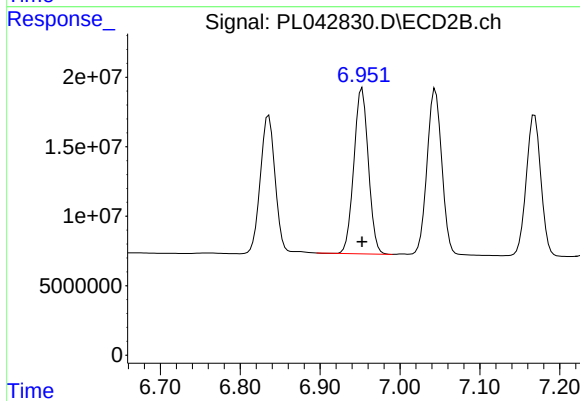
#15 Endosulfan II

R.T.: 7.044 min  
Delta R.T.: 0.000 min  
Response: 152081699  
Conc: 55.07 ng/ml



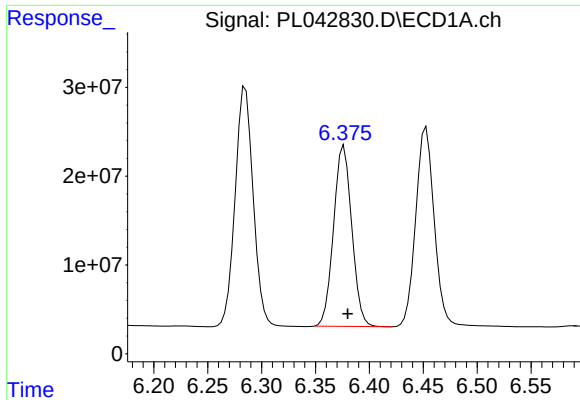
#16 4,4'-DDD

R.T.: 6.139 min  
Delta R.T.: -0.003 min  
Response: 290145596  
Conc: 54.80 ng/ml



#16 4,4'-DDD

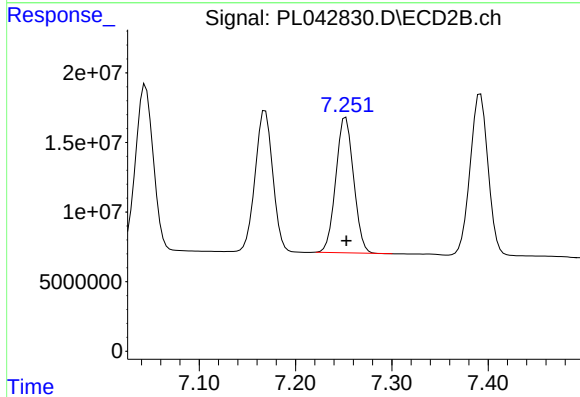
R.T.: 6.953 min  
Delta R.T.: 0.000 min  
Response: 150705965  
Conc: 57.26 ng/ml



#17 4,4'-DDT

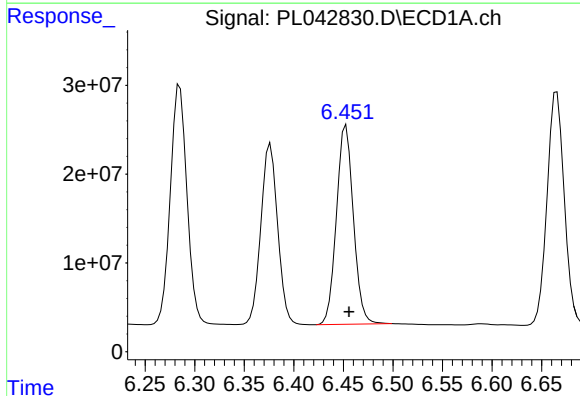
R.T.: 6.376 min  
Delta R.T.: -0.003 min  
Response: 238504170  
Conc: 42.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



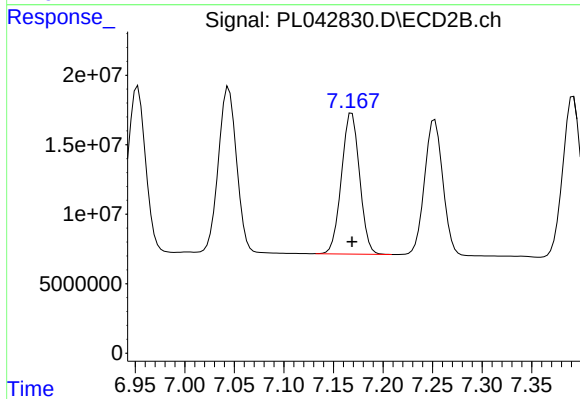
#17 4,4'-DDT

R.T.: 7.252 min  
Delta R.T.: 0.000 min  
Response: 124471856  
Conc: 47.14 ng/ml



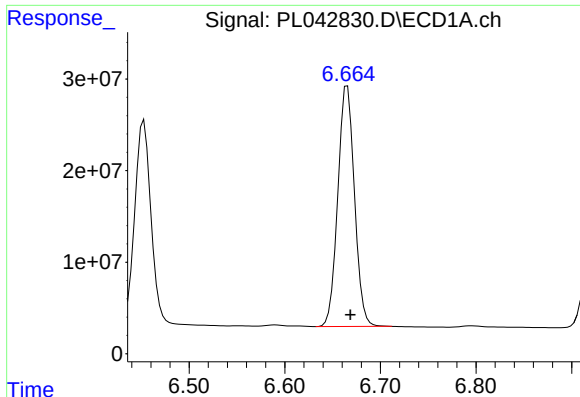
#18 Endrin aldehyde

R.T.: 6.453 min  
Delta R.T.: -0.003 min  
Response: 266769975  
Conc: 51.32 ng/ml



#18 Endrin aldehyde

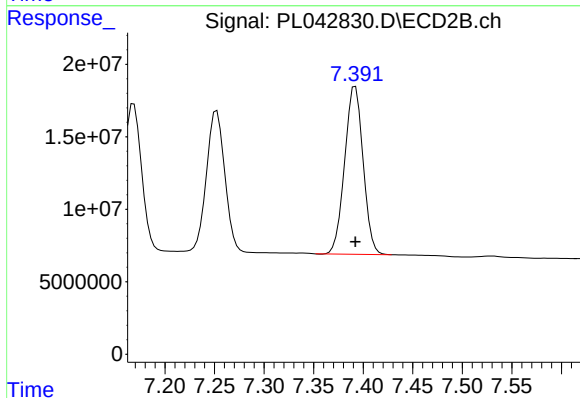
R.T.: 7.169 min  
Delta R.T.: 0.000 min  
Response: 129139981  
Conc: 56.33 ng/ml



#19 Endosulfan Sulfate

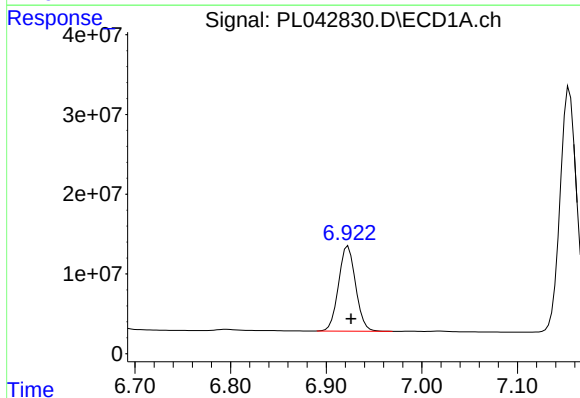
R.T.: 6.665 min  
Delta R.T.: -0.003 min  
Response: 318047852  
Conc: 50.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



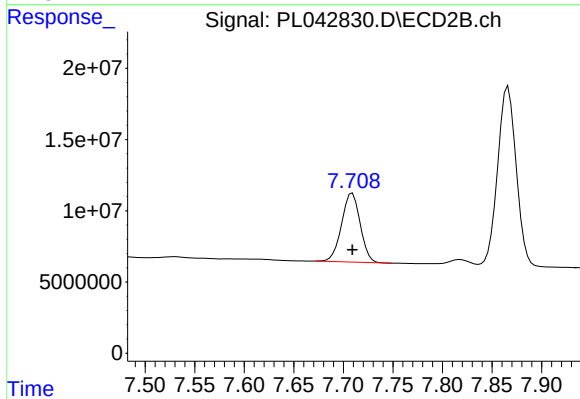
#19 Endosulfan Sulfate

R.T.: 7.392 min  
Delta R.T.: 0.000 min  
Response: 149981659  
Conc: 53.93 ng/ml



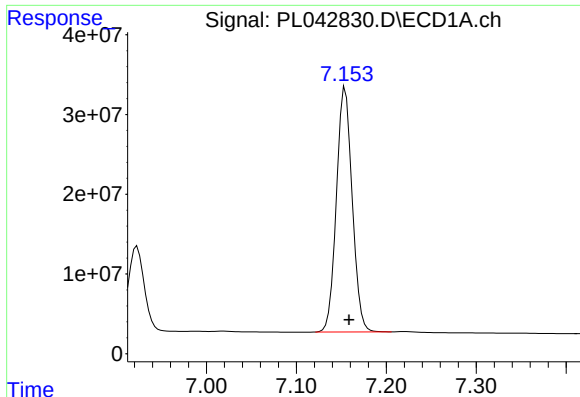
#20 Methoxychlor

R.T.: 6.923 min  
Delta R.T.: -0.003 min  
Response: 132448639  
Conc: 42.00 ng/ml



#20 Methoxychlor

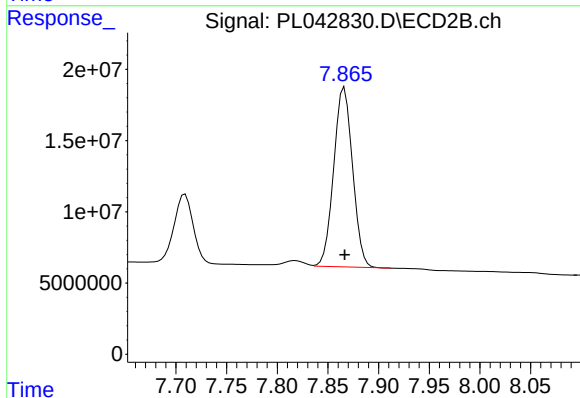
R.T.: 7.709 min  
Delta R.T.: 0.000 min  
Response: 63143378  
Conc: 46.31 ng/ml



#21 Endrin ketone

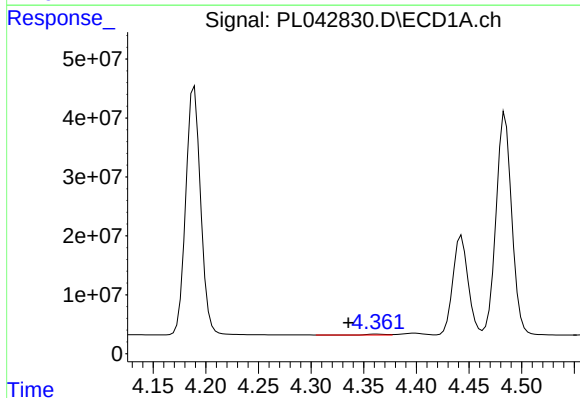
R.T.: 7.154 min  
Delta R.T.: -0.004 min  
Response: 374383483  
Conc: 54.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



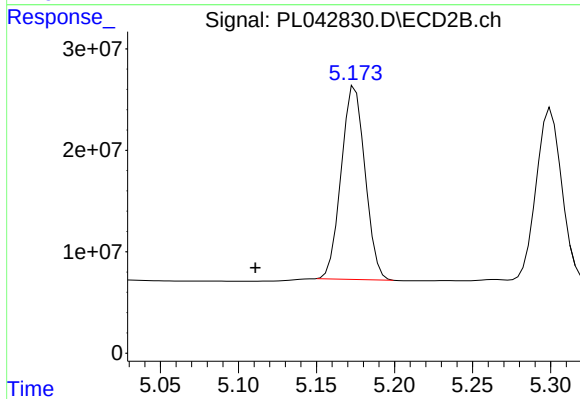
#21 Endrin ketone

R.T.: 7.866 min  
Delta R.T.: 0.000 min  
Response: 163275147  
Conc: 59.07 ng/ml



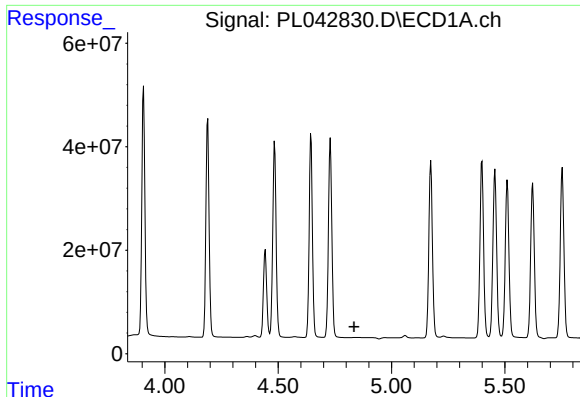
#23 Chlordane-1

R.T.: 4.362 min  
Delta R.T.: 0.027 min  
Response: 1662764  
Conc: 6.01 ng/ml



#23 Chlordane-1

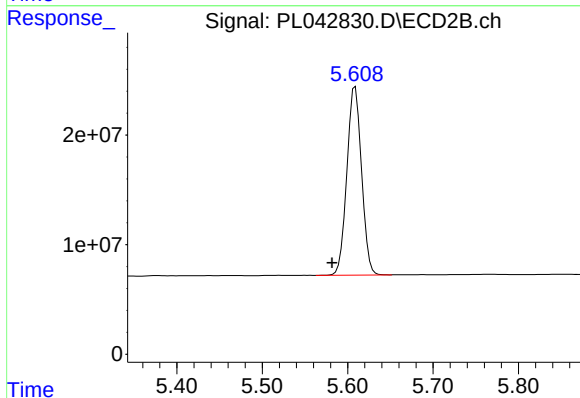
R.T.: 5.175 min  
Delta R.T.: 0.064 min  
Response: 202498053  
Conc: 1523.32 ng/ml



#24 Chlordane-2

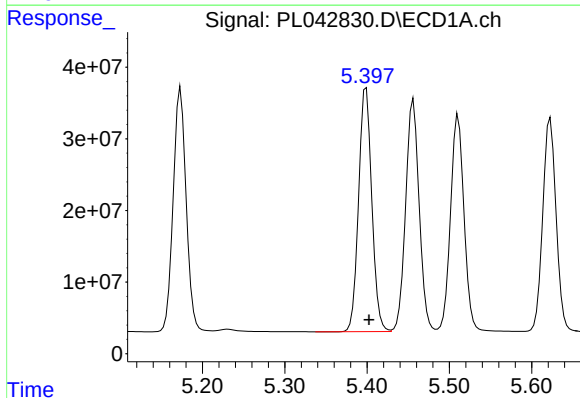
R.T.: 0.000 min  
Exp R.T.: 4.835 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :



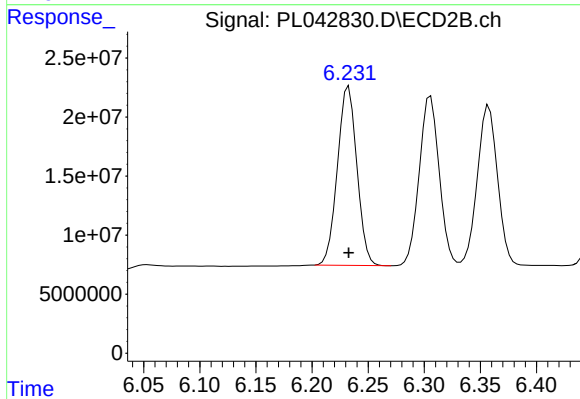
#24 Chlordane-2

R.T.: 5.609 min  
Delta R.T.: 0.027 min  
Response: 205300039  
Conc: 1472.28 ng/ml



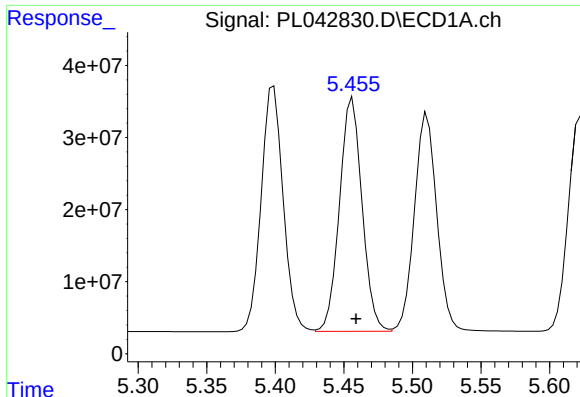
#25 Chlordane-3

R.T.: 5.399 min  
Delta R.T.: -0.003 min  
Response: 378968380  
Conc: 432.32 ng/ml



#25 Chlordane-3

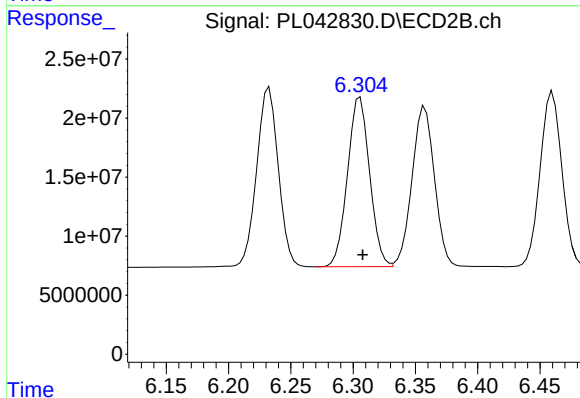
R.T.: 6.233 min  
Delta R.T.: 0.000 min  
Response: 183053766  
Conc: 389.54 ng/ml



#26 Chlordane-4

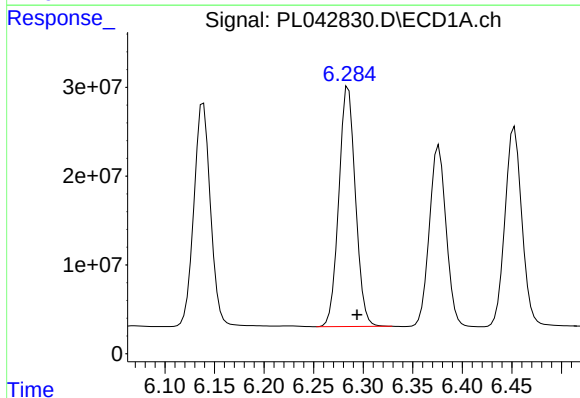
R.T.: 5.456 min  
Delta R.T.: -0.002 min  
Response: 371090975  
Conc: 488.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



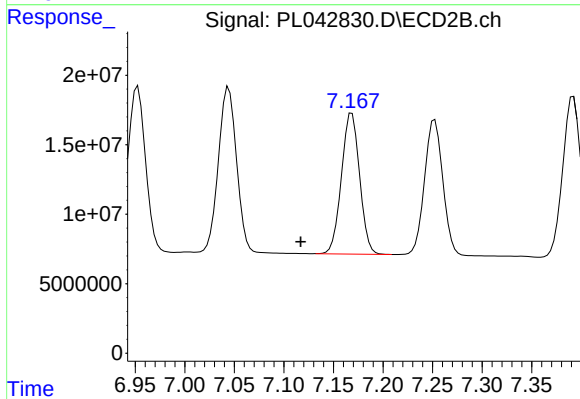
#26 Chlordane-4

R.T.: 6.306 min  
Delta R.T.: -0.002 min  
Response: 178150787  
Conc: 325.59 ng/ml



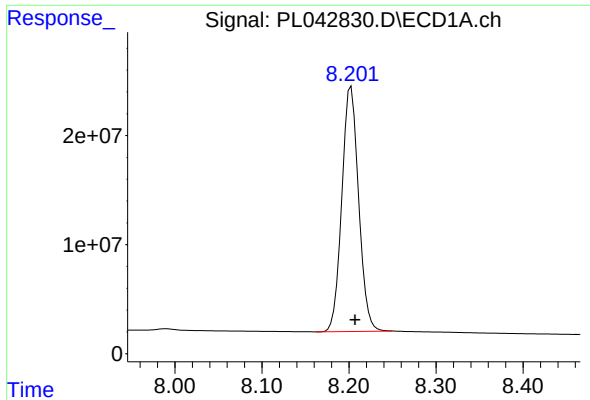
#27 Chlordane-5

R.T.: 6.285 min  
Delta R.T.: -0.009 min  
Response: 315375185  
Conc: 1058.40 ng/ml



#27 Chlordane-5

R.T.: 7.169 min  
Delta R.T.: 0.052 min  
Response: 129139981  
Conc: 1342.48 ng/ml



#28 Decachlorobiphenyl

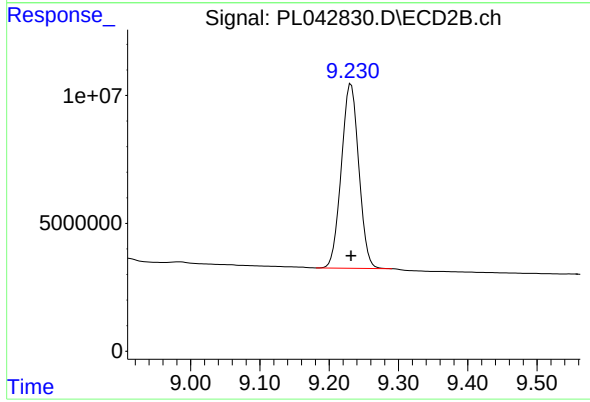
R.T.: 8.202 min

Delta R.T.: -0.004 min

Response: 300820911

Conc: 47.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.232 min

Delta R.T.: 0.000 min

Response: 126332294

Conc: 52.38 ng/ml