

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122118\  
 Data File : PL043411.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 Dec 2018 04:35  
 Operator : AJ\SJ  
 Sample : J6482-04MS  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 R20-OSMS

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 22 05:44:27 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 07 00:20:08 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... | 3.465 | 4.102 | 112.7E6  | -16039972 | 18.376   | N.D.     | # |
| 28)                         | SA Decachlor... | 8.205 | 9.239 | 106.7E6  | 35239787  | 16.340   | 13.510   |   |
| Target Compounds            |                 |       |       |          |           |          |          |   |
| 2)                          | A alpha-BHC     | 3.905 | 4.498 | 461.0E6  | 192.3E6   | 48.771   | 42.516   |   |
| 3)                          | MA gamma-BHC... | 4.188 | 4.788 | 427.2E6  | 261.9E6   | 49.480   | 62.454   | # |
| 4)                          | MA Heptachlor   | 4.483 | 5.304 | 418.8E6  | 135.2E6   | 47.206   | 33.005   | # |
| 5)                          | MB Aldrin       | 4.730 | 5.612 | 337.6E6  | 165.6E6   | 39.821   | 40.558   |   |
| 6)                          | B beta-BHC      | 4.442 | 4.957 | 147.3E6  | 36232670  | 39.942   | 21.402   | # |
| 7)                          | B delta-BHC     | 4.644 | 5.178 | 348.4E6  | 197.9E6   | 43.024   | 46.043   |   |
| 8)                          | B Heptachlo...  | 5.173 | 6.001 | 310.1E6  | 156.4E6   | 39.116   | 41.242   |   |
| 9)                          | A Endosulfan I  | 5.511 | 6.362 | 396.0E6  | 150.1E6   | 54.053   | 44.218   |   |
| 10)                         | B gamma-Chl...  | 5.399 | 6.236 | 417.6E6  | 224.9E6   | 51.803   | 61.231   |   |
| 11)                         | B alpha-Chl...  | 5.456 | 6.310 | 368.6E6  | 127.0E6   | 46.432   | 35.324   |   |
| 12)                         | B 4,4'-DDE      | 5.622 | 6.465 | 368.3E6  | 122.8E6   | 53.200   | 33.895   | # |
| 13)                         | MA Dieldrin     | 5.754 | 6.621 | 410.6E6  | 142.4E6   | 52.806   | 39.271   | # |
| 14)                         | MA Endrin       | 6.011 | 6.840 | 364.0E6  | 151.0E6   | 50.549   | 48.356   |   |
| 15)                         | B Endosulfa...  | 6.286 | 7.049 | 313.1E6  | 150.6E6   | 47.070   | 49.740   |   |
| 16)                         | A 4,4'-DDD      | 6.140 | 6.957 | 286.8E6  | 112.0E6   | 50.567   | 38.207   |   |
| 17)                         | MA 4,4'-DDT     | 6.377 | 7.258 | 308.6E6  | 128.2E6   | 51.870   | 43.650   |   |
| 18)                         | B Endrin al...  | 6.454 | 7.174 | 279.9E6  | 123.0E6   | 50.784   | 49.034   |   |
| 19)                         | B Endosulfa...  | 6.666 | 7.398 | 341.7E6  | 82641110  | 51.006   | 27.487   | # |
| 20)                         | A Methoxychlor  | 6.925 | 7.714 | 193.1E6  | 71217594  | 57.562   | 47.217   |   |
| 21)                         | B Endrin ke...  | 7.156 | 7.871 | 359.4E6  | 138.6E6   | 49.702   | 45.336   |   |
| 23)                         | Chlordane-1     | 4.338 | 5.101 | 46187448 | 15625135  | 171.888  | 110.555  | # |
| 24)                         | Chlordane-2     | 4.825 | 5.612 | 7573277  | 165.6E6   | 26.385   | 1154.163 | # |
| 25)                         | Chlordane-3     | 5.399 | 6.236 | 417.6E6  | 224.9E6   | 502.537  | 458.051  |   |
| 26)                         | Chlordane-4     | 5.456 | 6.310 | 368.6E6  | 127.0E6   | 487.539  | 222.586  | # |
| 27)                         | Chlordane-5     | 6.286 | 7.110 | 313.1E6  | 40874750  | 1305.422 | 348.644  | # |
| -----                       |                 |       |       |          |           |          |          |   |

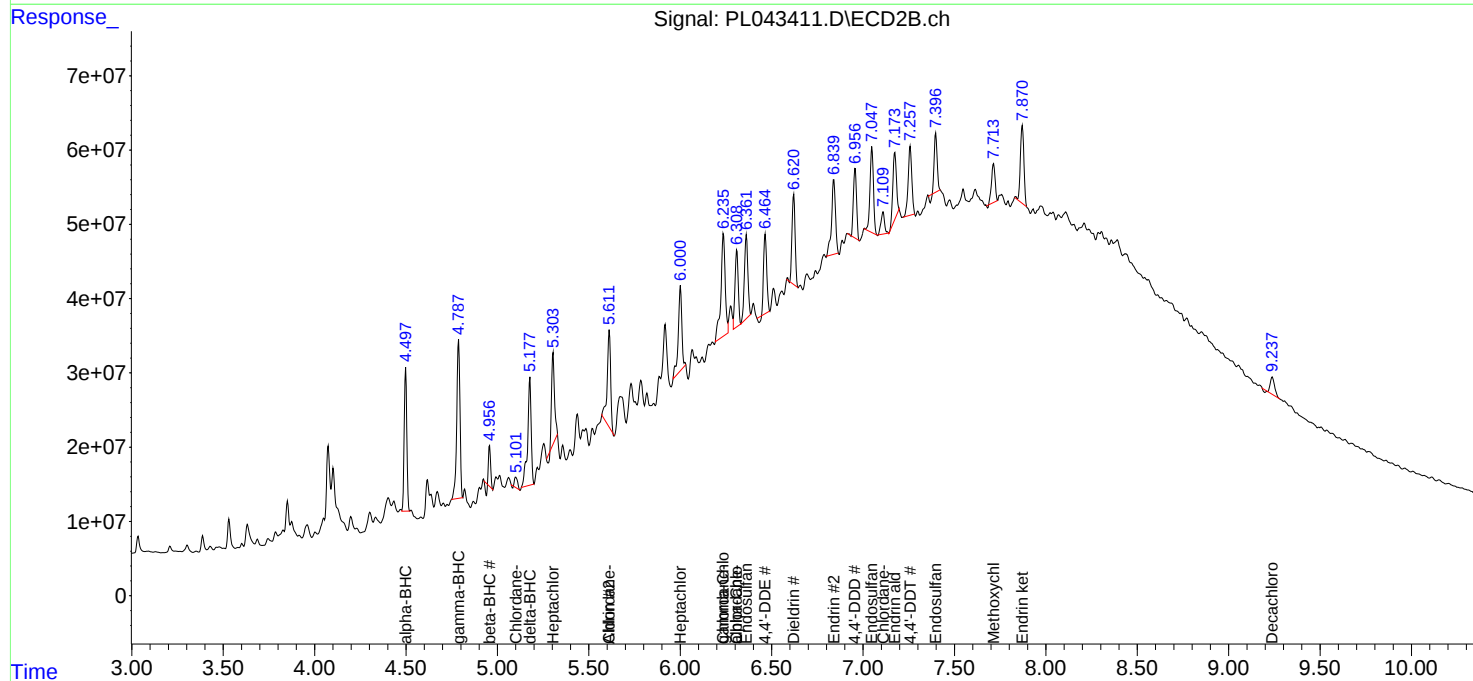
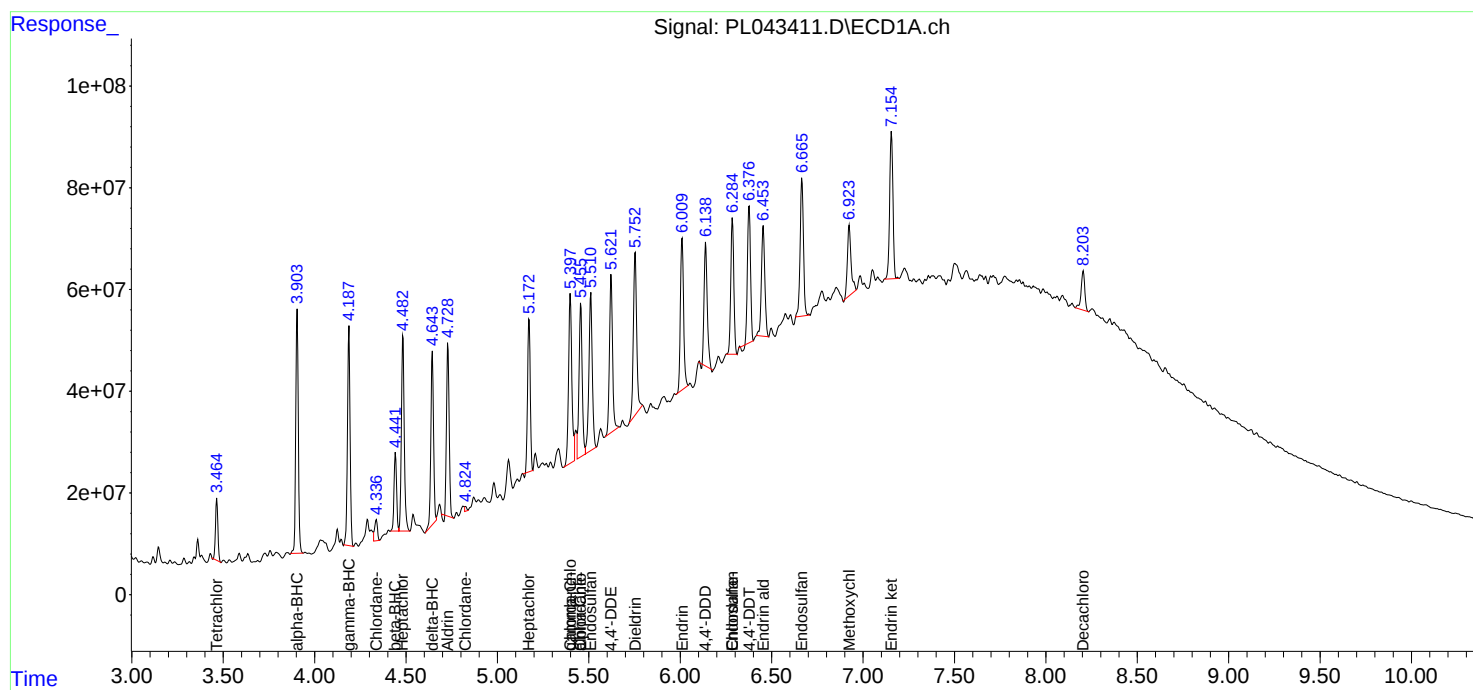
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

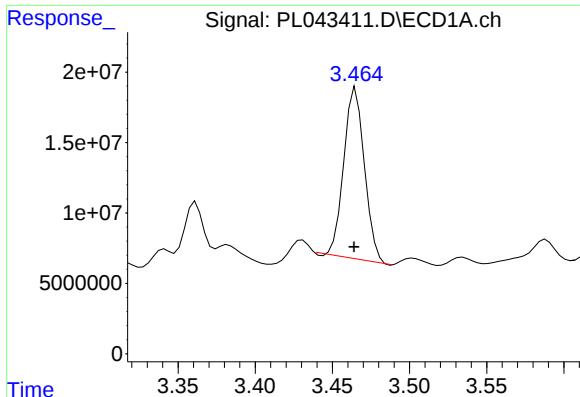
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122118\  
Data File : PL043411.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 22 Dec 2018 04:35  
Operator : AJ\SJ  
Sample : J6482-04MS  
Misc :  
ALS Vial : 60 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
R20-OSMS

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 22 05:44:27 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL120618.M  
Quant Title : GC Extractables  
QLast Update : Fri Dec 07 00:20:08 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

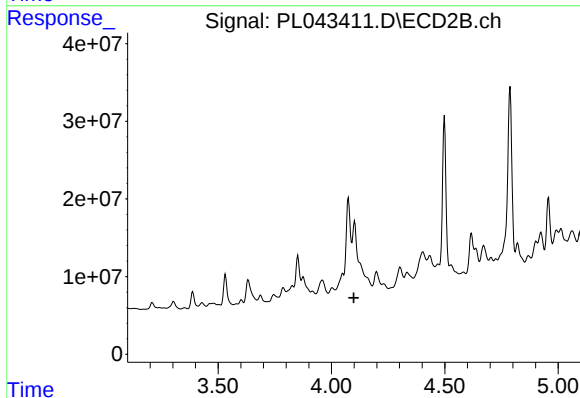




#1 Tetrachloro-m-xylene

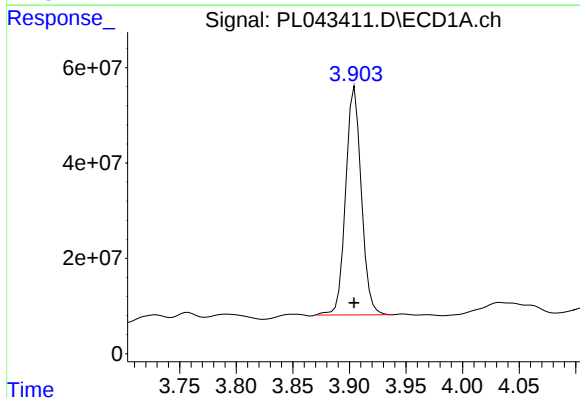
R.T.: 3.465 min  
Delta R.T.: 0.001 min  
Response: 112700042  
Conc: 18.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
R20-OSMS



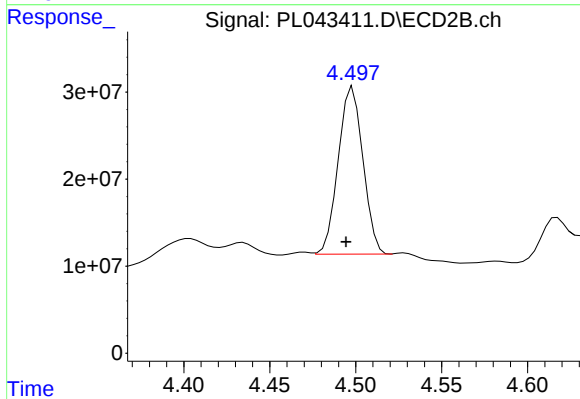
#1 Tetrachloro-m-xylene

R.T.: 4.102 min  
Delta R.T.: 0.003 min  
Response: -16039972  
Conc: N.D.



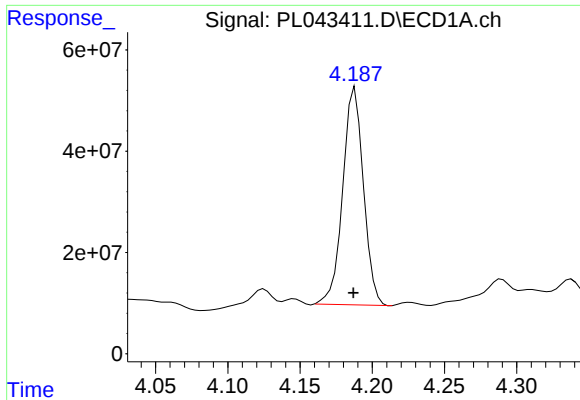
#2 alpha-BHC

R.T.: 3.905 min  
Delta R.T.: 0.000 min  
Response: 461049724  
Conc: 48.77 ng/ml



#2 alpha-BHC

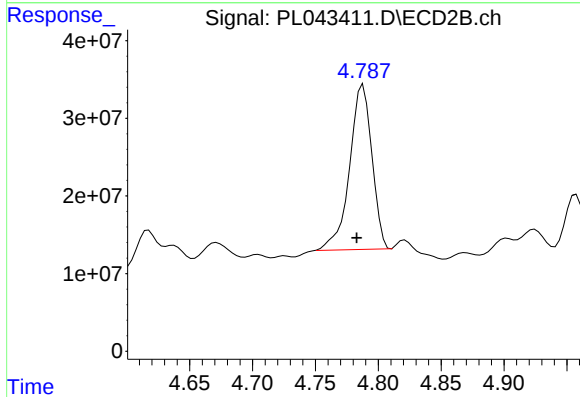
R.T.: 4.498 min  
Delta R.T.: 0.004 min  
Response: 192318881  
Conc: 42.52 ng/ml



#3 gamma-BHC (Lindane)

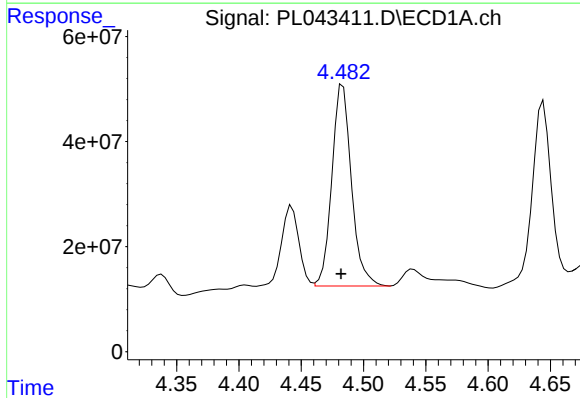
R.T.: 4.188 min  
Delta R.T.: 0.001 min  
Response: 427236224  
Conc: 49.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
R20-OSMS



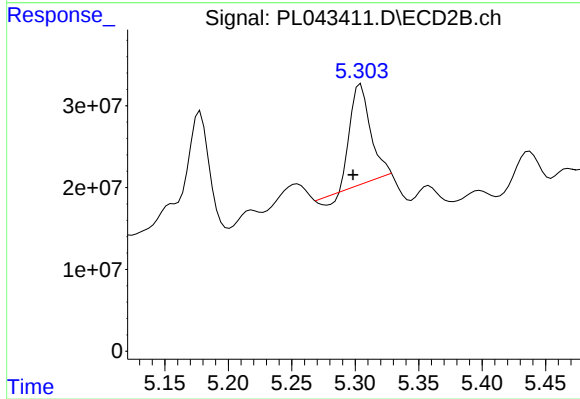
#3 gamma-BHC (Lindane)

R.T.: 4.788 min  
Delta R.T.: 0.005 min  
Response: 261942288  
Conc: 62.45 ng/ml



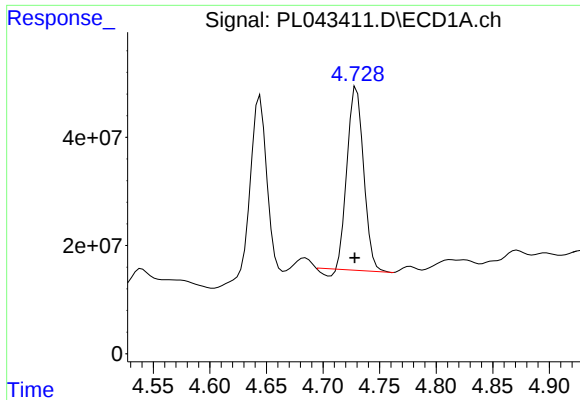
#4 Heptachlor

R.T.: 4.483 min  
Delta R.T.: 0.001 min  
Response: 418841117  
Conc: 47.21 ng/ml



#4 Heptachlor

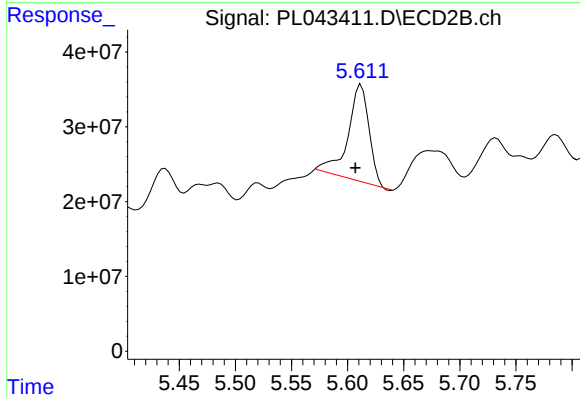
R.T.: 5.304 min  
Delta R.T.: 0.006 min  
Response: 135201851  
Conc: 33.01 ng/ml



#5 Aldrin

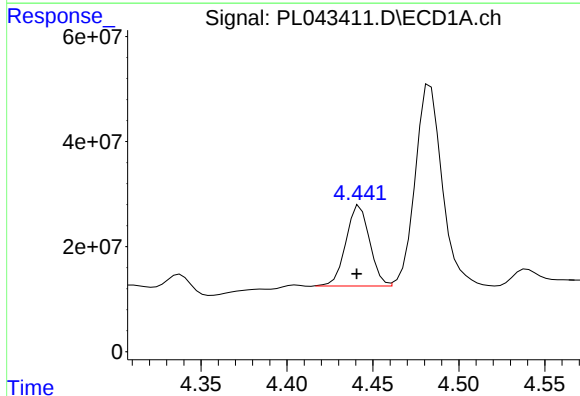
R.T.: 4.730 min  
Delta R.T.: 0.002 min  
Response: 337624071  
Conc: 39.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
R20-OSMS



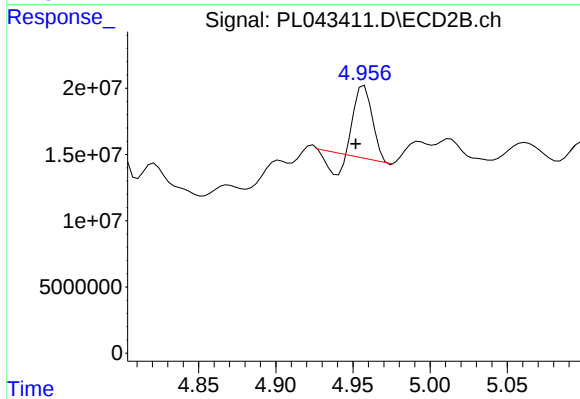
#5 Aldrin

R.T.: 5.612 min  
Delta R.T.: 0.005 min  
Response: 165555239  
Conc: 40.56 ng/ml



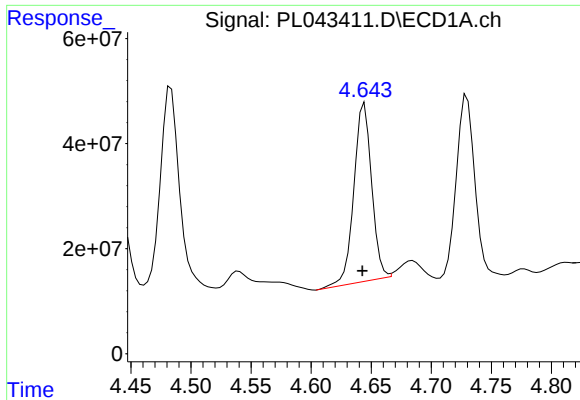
#6 beta-BHC

R.T.: 4.442 min  
Delta R.T.: 0.002 min  
Response: 147324955  
Conc: 39.94 ng/ml



#6 beta-BHC

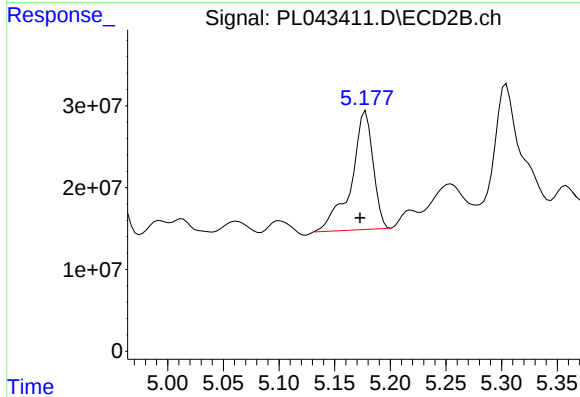
R.T.: 4.957 min  
Delta R.T.: 0.006 min  
Response: 36232670  
Conc: 21.40 ng/ml



#7 delta-BHC

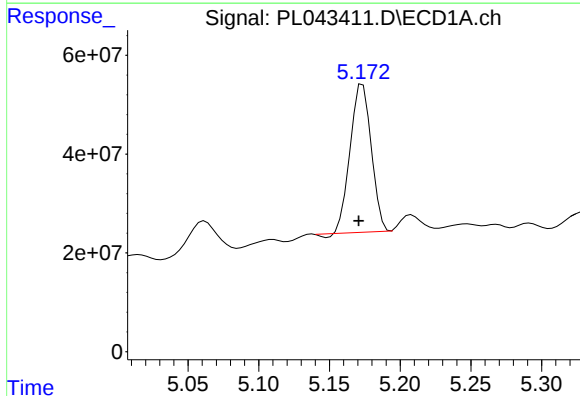
R.T.: 4.644 min  
Delta R.T.: 0.002 min  
Response: 348417430  
Conc: 43.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
R20-OSMS



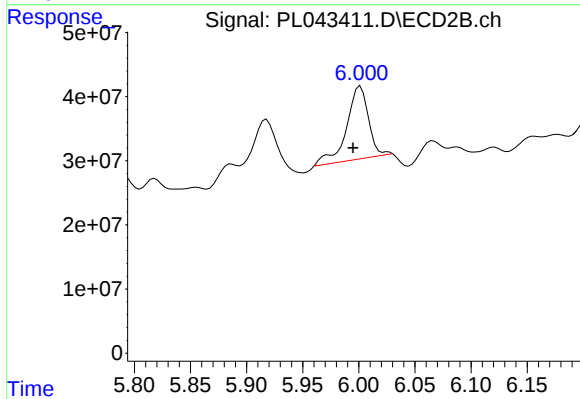
#7 delta-BHC

R.T.: 5.178 min  
Delta R.T.: 0.005 min  
Response: 197873694  
Conc: 46.04 ng/ml



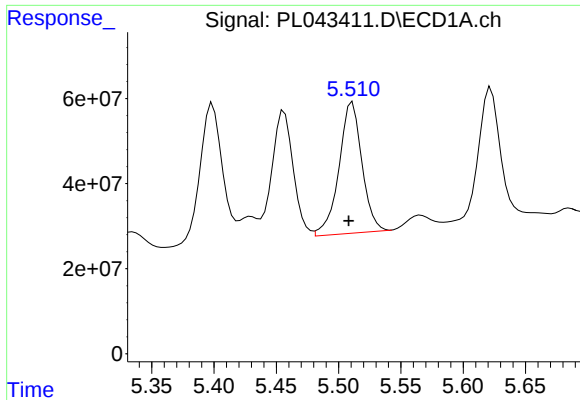
#8 Heptachlor epoxide

R.T.: 5.173 min  
Delta R.T.: 0.003 min  
Response: 310065757  
Conc: 39.12 ng/ml



#8 Heptachlor epoxide

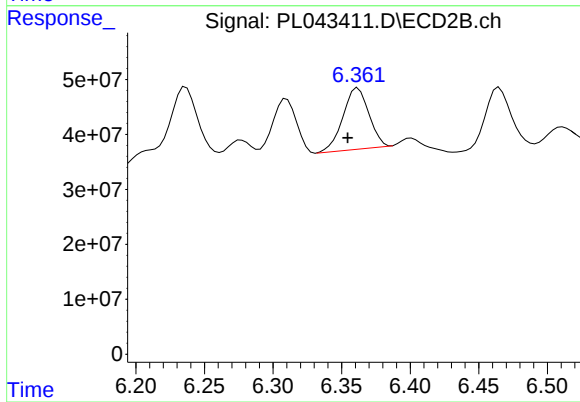
R.T.: 6.001 min  
Delta R.T.: 0.007 min  
Response: 156390036  
Conc: 41.24 ng/ml



#9 Endosulfan I

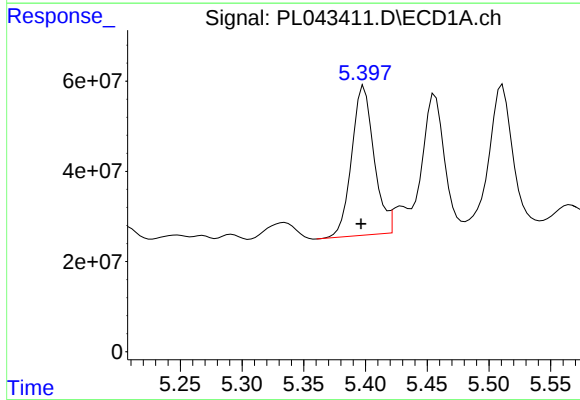
R.T.: 5.511 min  
Delta R.T.: 0.003 min  
Response: 395983308  
Conc: 54.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
R20-OSMS



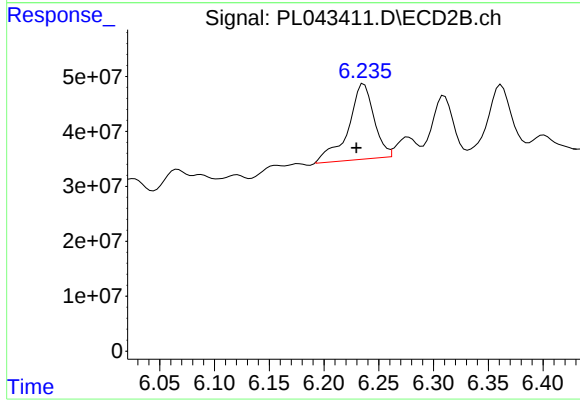
#9 Endosulfan I

R.T.: 6.362 min  
Delta R.T.: 0.008 min  
Response: 150134396  
Conc: 44.22 ng/ml



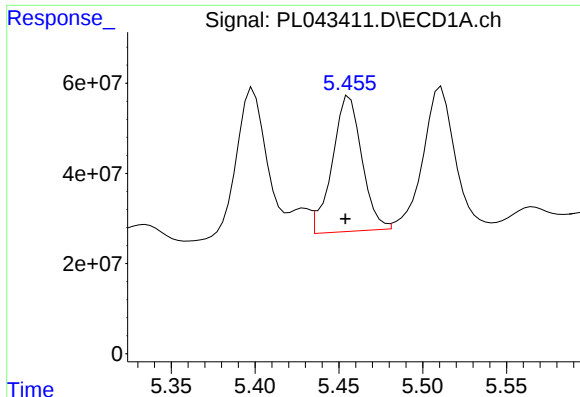
#10 gamma-Chlordane

R.T.: 5.399 min  
Delta R.T.: 0.002 min  
Response: 417628806  
Conc: 51.80 ng/ml



#10 gamma-Chlordane

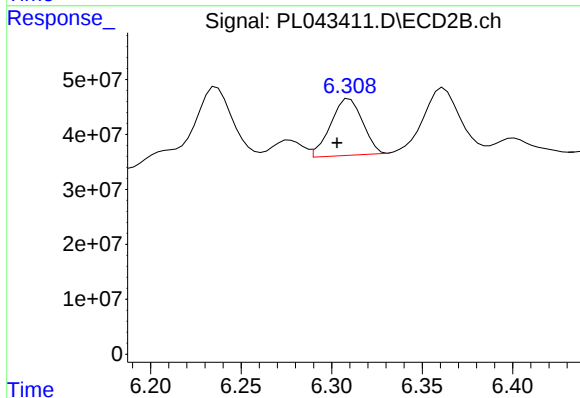
R.T.: 6.236 min  
Delta R.T.: 0.007 min  
Response: 224936805  
Conc: 61.23 ng/ml



#11 alpha-Chlordane

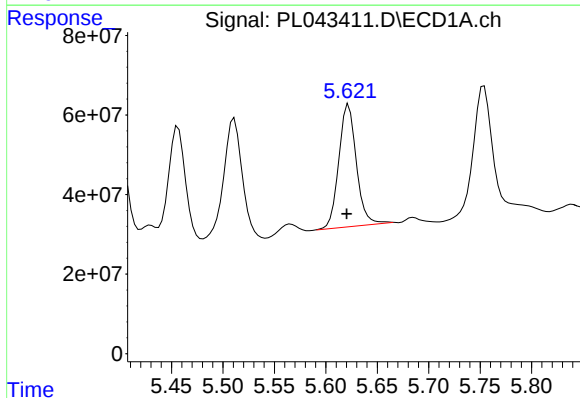
R.T.: 5.456 min  
Delta R.T.: 0.002 min  
Response: 368627379  
Conc: 46.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
R20-OSMS



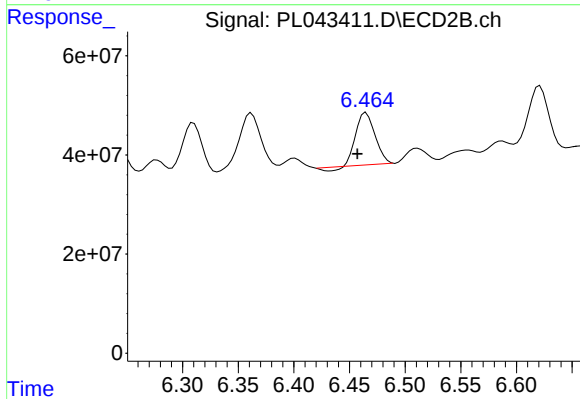
#11 alpha-Chlordane

R.T.: 6.310 min  
Delta R.T.: 0.007 min  
Response: 127040914  
Conc: 35.32 ng/ml



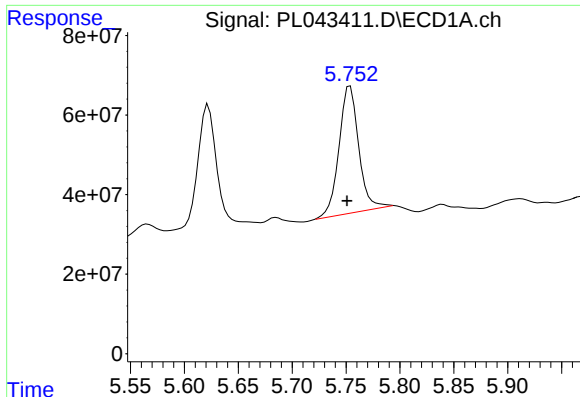
#12 4,4'-DDE

R.T.: 5.622 min  
Delta R.T.: 0.002 min  
Response: 368299063  
Conc: 53.20 ng/ml



#12 4,4'-DDE

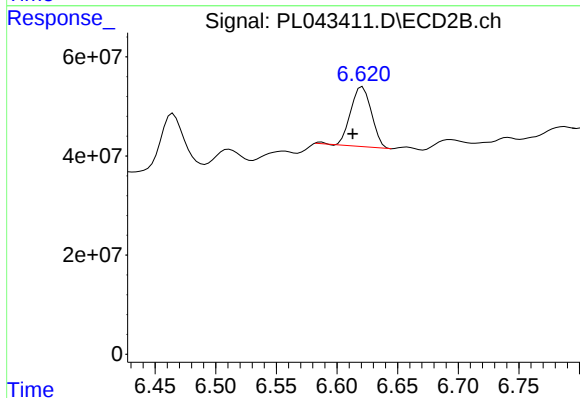
R.T.: 6.465 min  
Delta R.T.: 0.008 min  
Response: 122827010  
Conc: 33.90 ng/ml



#13 Dieldrin

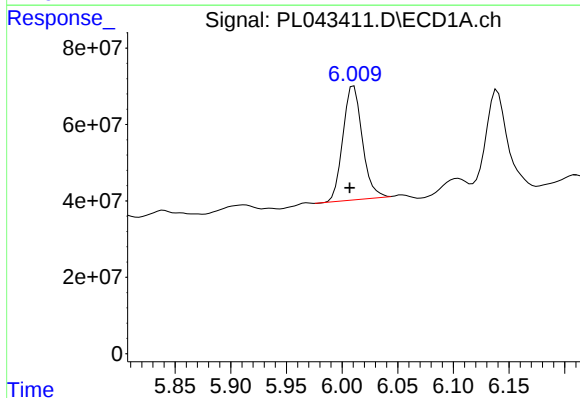
R.T.: 5.754 min  
Delta R.T.: 0.003 min  
Response: 410554181  
Conc: 52.81 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
R20-OSMS



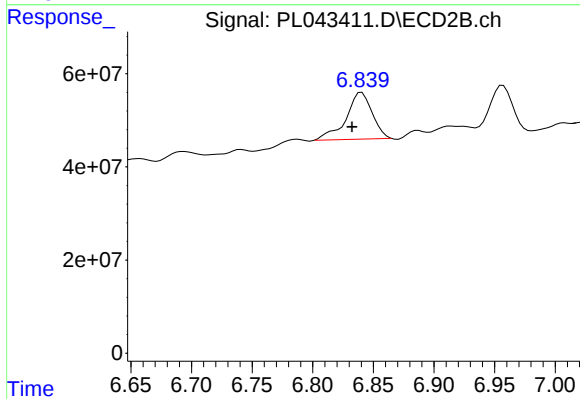
#13 Dieldrin

R.T.: 6.621 min  
Delta R.T.: 0.008 min  
Response: 142385436  
Conc: 39.27 ng/ml



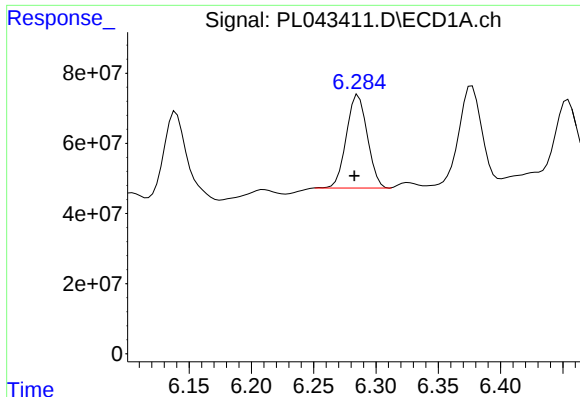
#14 Endrin

R.T.: 6.011 min  
Delta R.T.: 0.003 min  
Response: 363979813  
Conc: 50.55 ng/ml



#14 Endrin

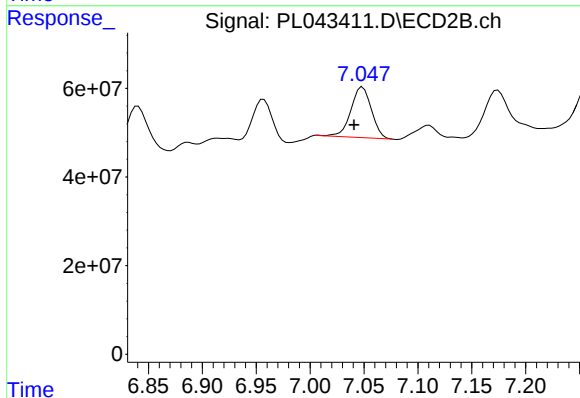
R.T.: 6.840 min  
Delta R.T.: 0.008 min  
Response: 150965488  
Conc: 48.36 ng/ml



#15 Endosulfan II

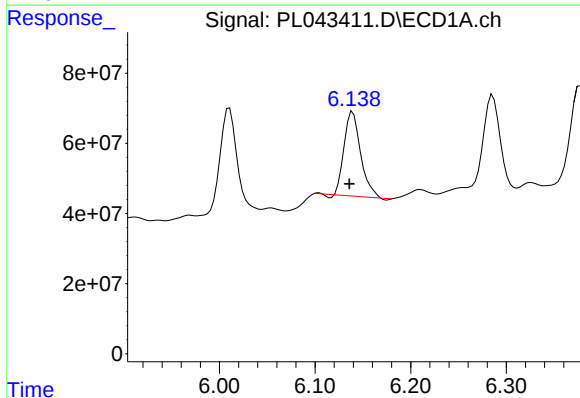
R.T.: 6.286 min  
Delta R.T.: 0.003 min  
Response: 313112033  
Conc: 47.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
R20-OSMS



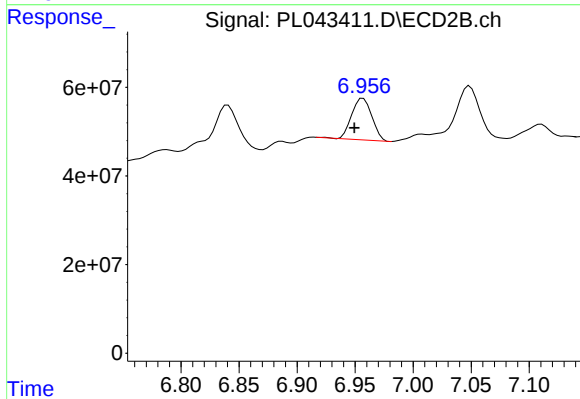
#15 Endosulfan II

R.T.: 7.049 min  
Delta R.T.: 0.008 min  
Response: 150606541  
Conc: 49.74 ng/ml



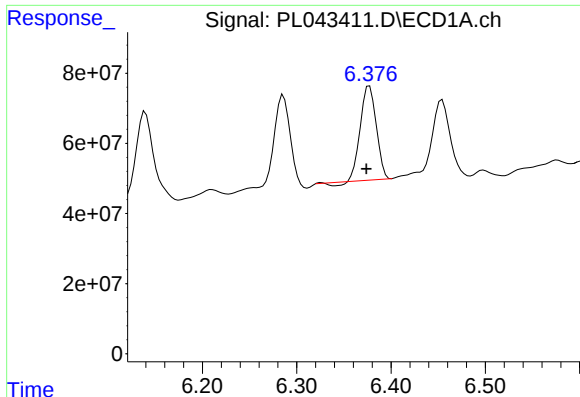
#16 4,4'-DDD

R.T.: 6.140 min  
Delta R.T.: 0.004 min  
Response: 286771433  
Conc: 50.57 ng/ml



#16 4,4'-DDD

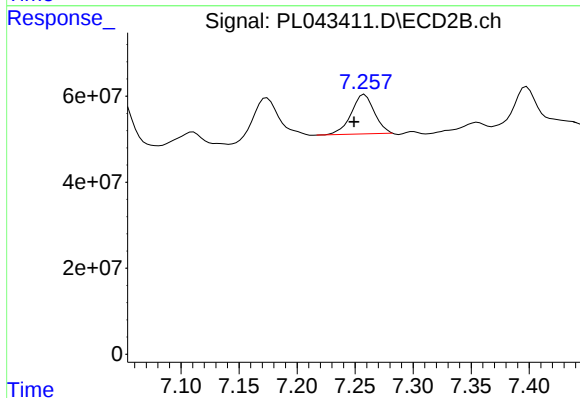
R.T.: 6.957 min  
Delta R.T.: 0.008 min  
Response: 112043992  
Conc: 38.21 ng/ml



#17 4,4'-DDT

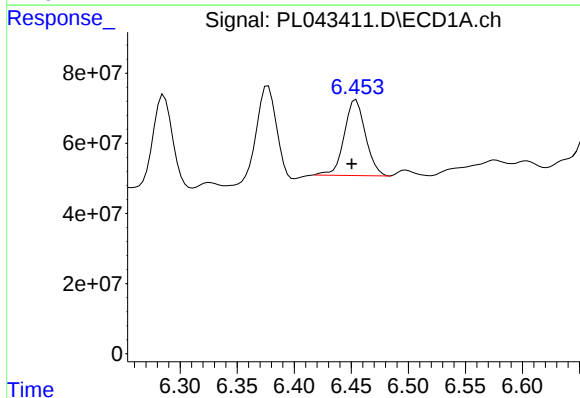
R.T.: 6.377 min  
Delta R.T.: 0.003 min  
Response: 308568945  
Conc: 51.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
R20-OSMS



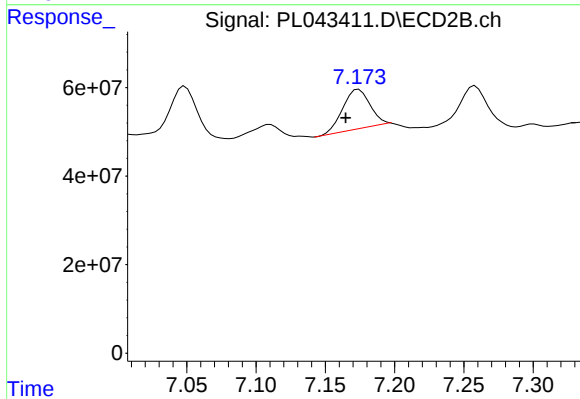
#17 4,4'-DDT

R.T.: 7.258 min  
Delta R.T.: 0.009 min  
Response: 128203711  
Conc: 43.65 ng/ml



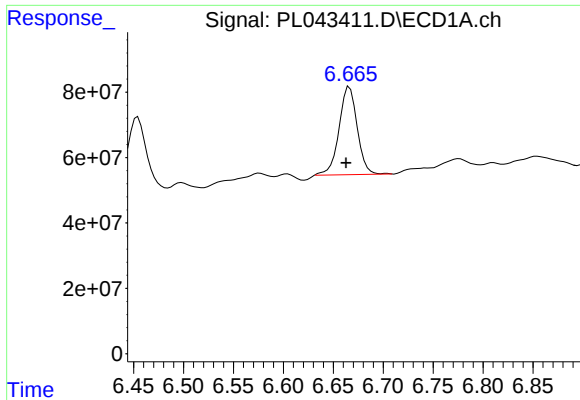
#18 Endrin aldehyde

R.T.: 6.454 min  
Delta R.T.: 0.004 min  
Response: 279855559  
Conc: 50.78 ng/ml



#18 Endrin aldehyde

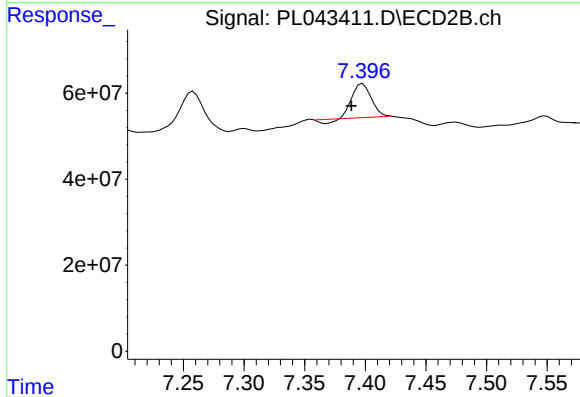
R.T.: 7.174 min  
Delta R.T.: 0.009 min  
Response: 122990754  
Conc: 49.03 ng/ml



#19 Endosulfan Sulfate

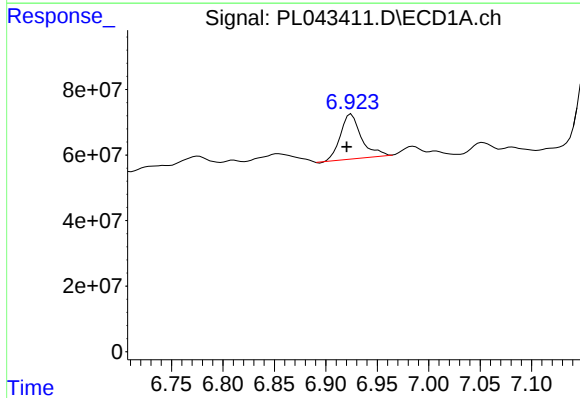
R.T.: 6.666 min  
Delta R.T.: 0.004 min  
Response: 341676709  
Conc: 51.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
R20-OSMS



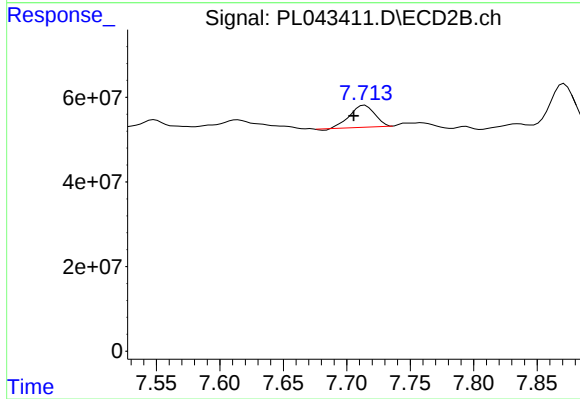
#19 Endosulfan Sulfate

R.T.: 7.398 min  
Delta R.T.: 0.009 min  
Response: 82641110  
Conc: 27.49 ng/ml



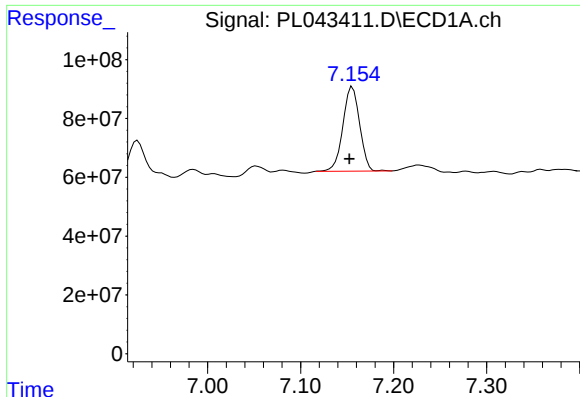
#20 Methoxychlor

R.T.: 6.925 min  
Delta R.T.: 0.005 min  
Response: 193144064  
Conc: 57.56 ng/ml



#20 Methoxychlor

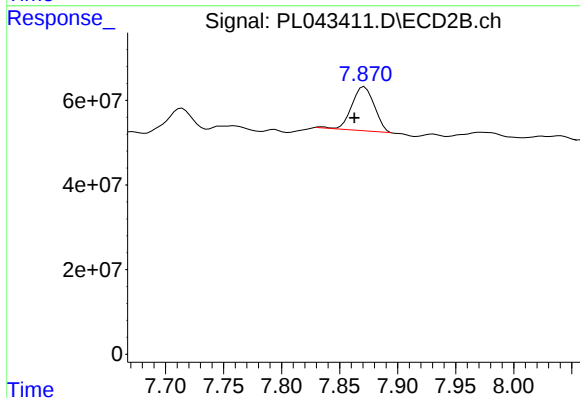
R.T.: 7.714 min  
Delta R.T.: 0.009 min  
Response: 71217594  
Conc: 47.22 ng/ml



#21 Endrin ketone

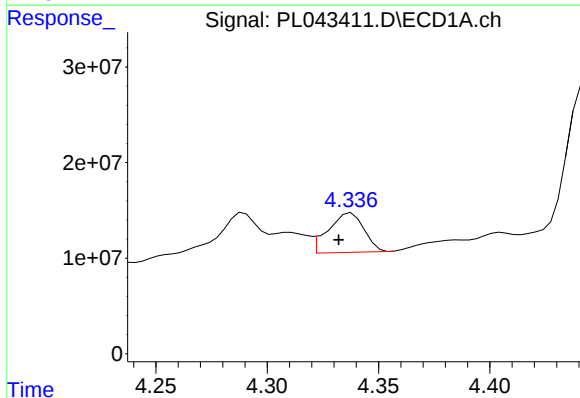
R.T.: 7.156 min  
Delta R.T.: 0.003 min  
Response: 359376533  
Conc: 49.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
R20-OSMS



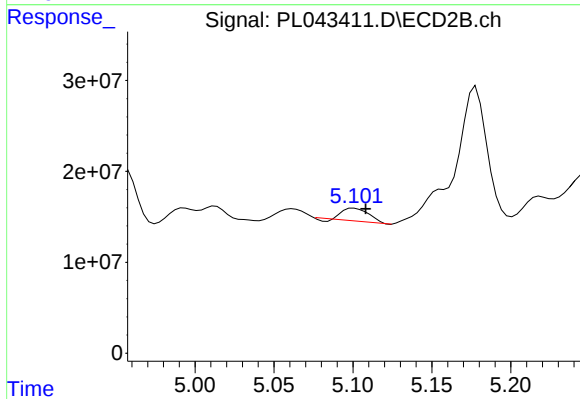
#21 Endrin ketone

R.T.: 7.871 min  
Delta R.T.: 0.008 min  
Response: 138574756  
Conc: 45.34 ng/ml



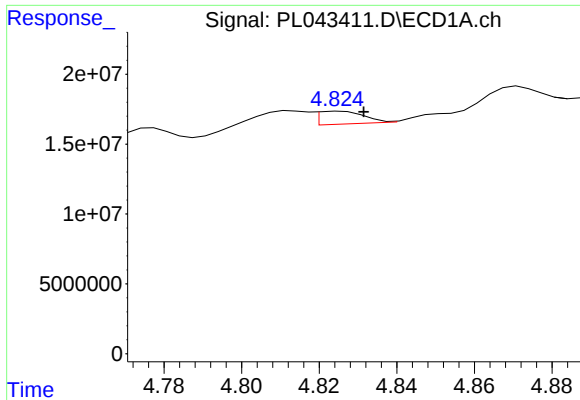
#23 Chlordane-1

R.T.: 4.338 min  
Delta R.T.: 0.006 min  
Response: 46187448  
Conc: 171.89 ng/ml



#23 Chlordane-1

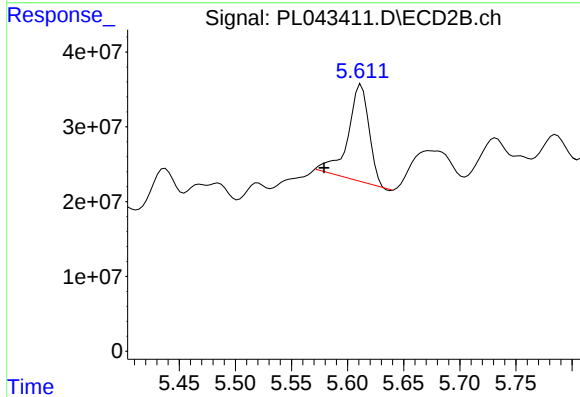
R.T.: 5.101 min  
Delta R.T.: -0.007 min  
Response: 15625135  
Conc: 110.56 ng/ml



#24 Chlordane-2

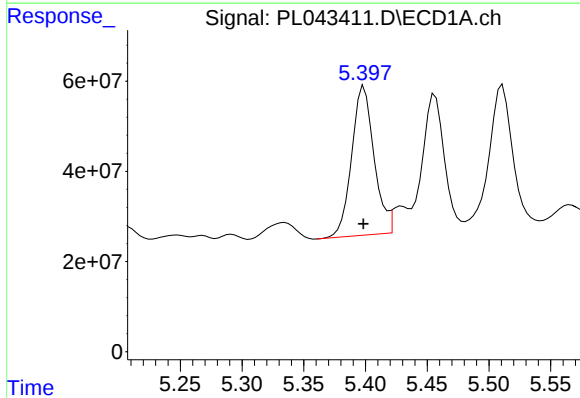
R.T.: 4.825 min  
Delta R.T.: -0.006 min  
Response: 7573277  
Conc: 26.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
R20-OSMS



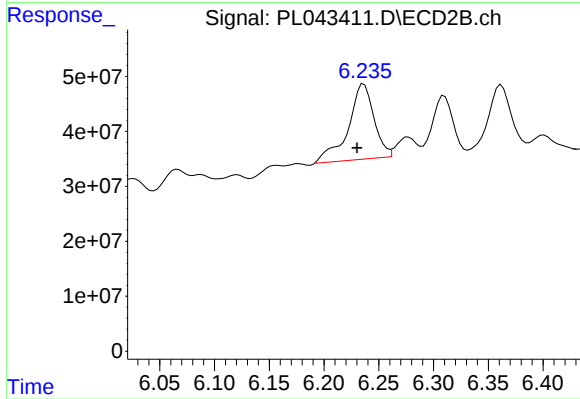
#24 Chlordane-2

R.T.: 5.612 min  
Delta R.T.: 0.033 min  
Response: 16555239  
Conc: 1154.16 ng/ml



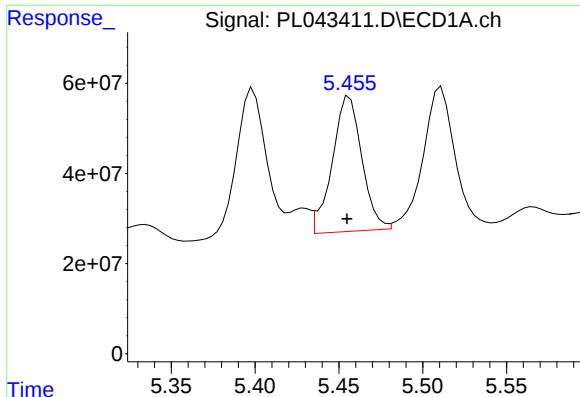
#25 Chlordane-3

R.T.: 5.399 min  
Delta R.T.: 0.000 min  
Response: 417628806  
Conc: 502.54 ng/ml



#25 Chlordane-3

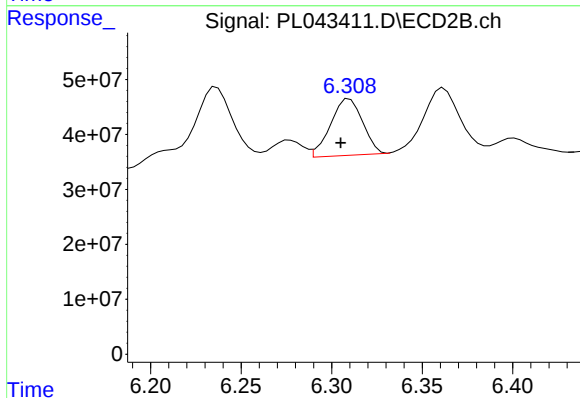
R.T.: 6.236 min  
Delta R.T.: 0.006 min  
Response: 224936805  
Conc: 458.05 ng/ml



#26 Chlordane-4

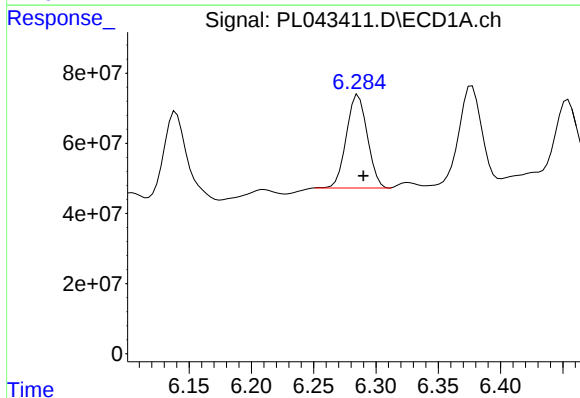
R.T.: 5.456 min  
Delta R.T.: 0.001 min  
Response: 368627379  
Conc: 487.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
R20-OSMS



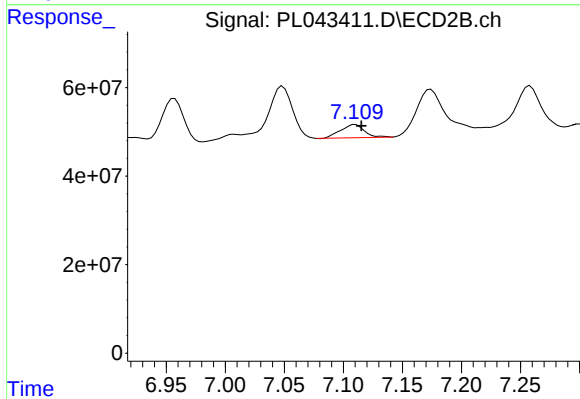
#26 Chlordane-4

R.T.: 6.310 min  
Delta R.T.: 0.005 min  
Response: 127040914  
Conc: 222.59 ng/ml



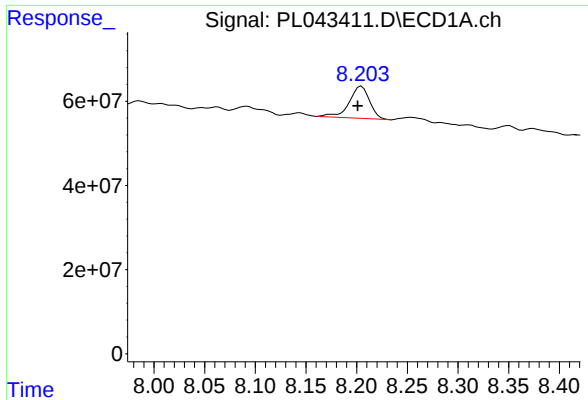
#27 Chlordane-5

R.T.: 6.286 min  
Delta R.T.: -0.004 min  
Response: 313112033  
Conc: 1305.42 ng/ml



#27 Chlordane-5

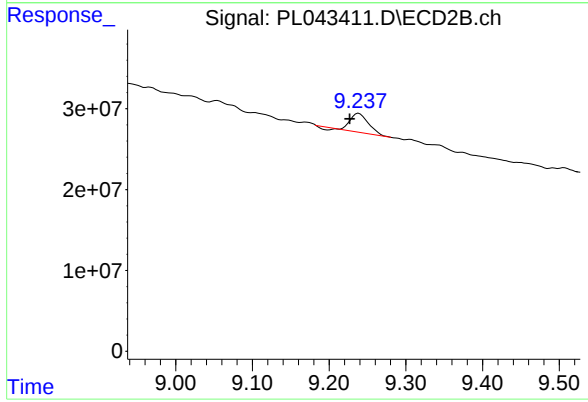
R.T.: 7.110 min  
Delta R.T.: -0.005 min  
Response: 40874750  
Conc: 348.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.205 min  
Delta R.T.: 0.004 min  
Response: 106701851  
Conc: 16.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
R20-OSMS



#28 Decachlorobiphenyl

R.T.: 9.239 min  
Delta R.T.: 0.012 min  
Response: 35239787  
Conc: 13.51 ng/ml