

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122118\  
 Data File : PL043352.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 21 Dec 2018 14:00  
 Operator : AJ\SJ  
 Sample : J6188-03  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 BU-01-122018

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 21 22:35:19 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... | 3.464  | 4.100  | 62853264 | 35538894 | 10.249  | 11.991   |
| 28)                         | SA Decachlor... | 8.204  | 9.233  | 55424462 | 23366643 | 8.488   | 8.958    |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.859f | 4.505  | 3007516  | 1024620  | 0.318   | 0.227 #  |
| 4)                          | MA Heptachlor   | 4.482  | 5.300  | 5718751  | 2547028  | 0.645   | 0.622    |
| 5)                          | MB Aldrin       | 4.728  | 0.000  | 1571345  | 0        | 0.185   | N.D. #   |
| 6)                          | B beta-BHC      | 4.482f | 0.000  | 5718751  | 0        | 1.550   | N.D. #   |
| 7)                          | B delta-BHC     | 0.000  | 5.172  | 0        | 1968082  | N.D.    | 0.458 #  |
| 8)                          | B Heptachlo...  | 0.000  | 6.011  | 0        | 4225576  | N.D.    | 1.114 #  |
| 9)                          | A Endosulfan I  | 5.454f | 6.307f | 8200925  | 10777074 | 1.119   | 3.174 #  |
| 10)                         | B gamma-Chl...  | 5.418  | 6.232  | 16360131 | 4703095  | 2.029   | 1.280 #  |
| 11)                         | B alpha-Chl...  | 5.454  | 6.307  | 8200925  | 10777074 | 1.033   | 2.997 #  |
| 12)                         | B 4,4'-DDE      | 5.620  | 6.460  | 1930056  | 3109770  | 0.279   | 0.858 #  |
| 13)                         | MA Dieldrin     | 5.696f | 0.000  | 1041903  | 0        | 0.134   | N.D. #   |
| 14)                         | MA Endrin       | 6.068f | 0.000  | 1661137  | 0        | 0.231   | N.D. #   |
| 15)                         | B Endosulfa...  | 6.290  | 0.000  | 3663301  | 0        | 0.551   | N.D. #   |
| 16)                         | A 4,4'-DDD      | 6.068f | 0.000  | 1661137  | 0        | 0.293   | N.D. #   |
| 17)                         | MA 4,4'-DDT     | 6.372  | 0.000  | 1177898  | 0        | 0.198   | N.D. #   |
| 18)                         | B Endrin al...  | 0.000  | 7.117f | 0        | 2206123  | N.D.    | 0.880 #  |
| 21)                         | B Endrin ke...  | 7.176  | 7.824f | 1606029  | 734765   | 0.222   | 0.240    |
| 23)                         | Chlordane-1     | 4.331  | 5.108  | 27216886 | 14815816 | 101.289 | 104.829  |
| 24)                         | Chlordane-2     | 4.833  | 0.000  | 9871089  | 0        | 34.391  | N.D. #   |
| 25)                         | Chlordane-3     | 5.418  | 6.232  | 16360131 | 4703095  | 19.686  | 9.577 #  |
| 26)                         | Chlordane-4     | 5.454  | 6.307  | 8200925  | 10777074 | 10.846  | 18.882 # |
| 27)                         | Chlordane-5     | 6.290  | 7.117  | 3663301  | 2206123  | 15.273  | 18.817   |
| -----                       |                 |        |        |          |          |         |          |

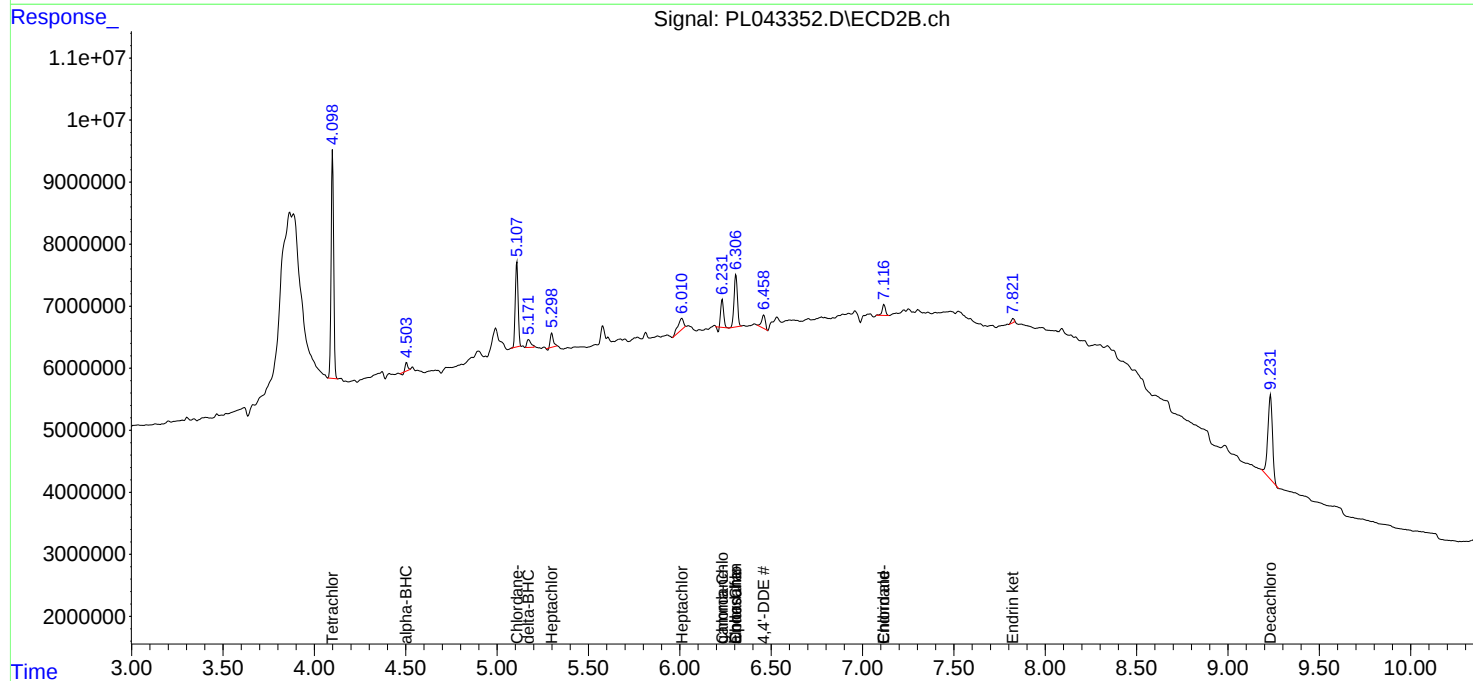
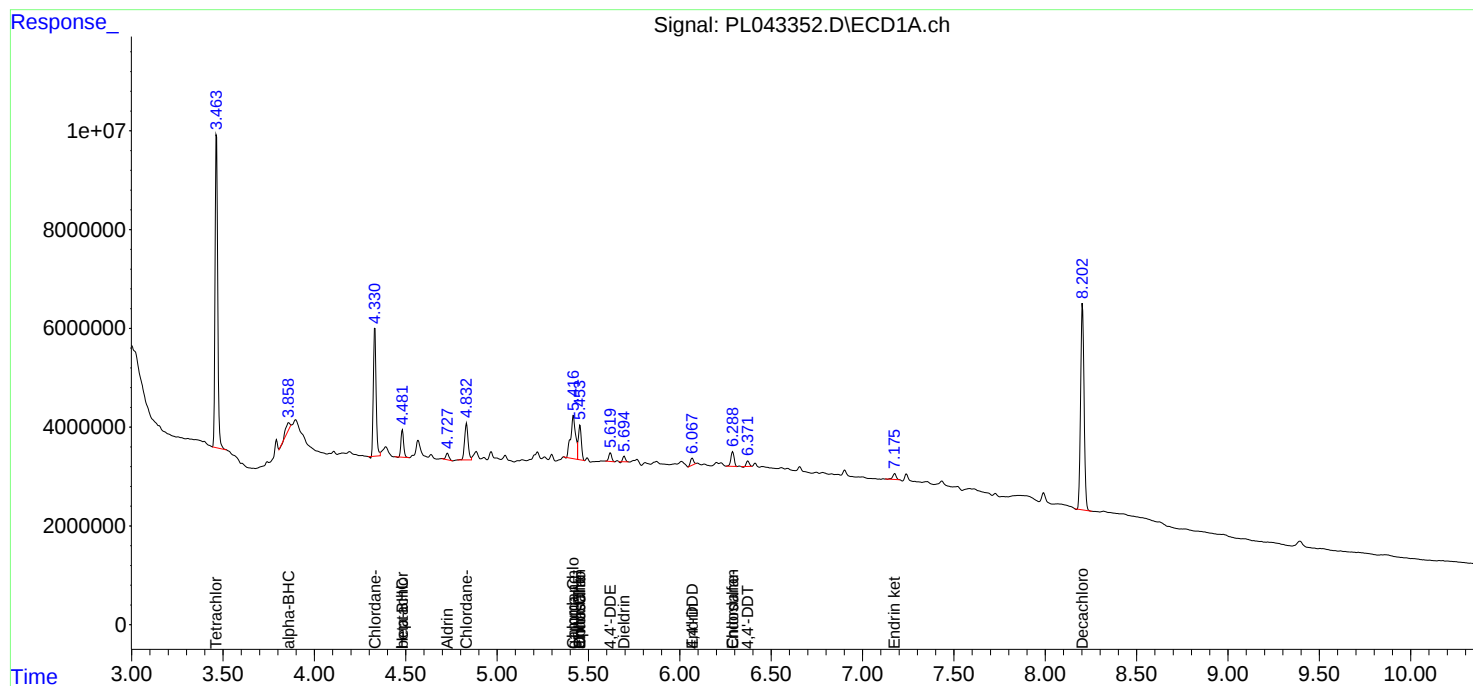
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

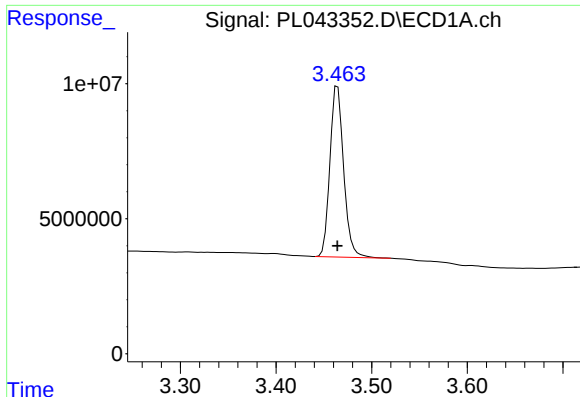
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL122118\  
Data File : PL043352.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 21 Dec 2018 14:00  
Operator : AJ\SJ  
Sample : J6188-03  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
BU-01-122018

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 21 22:35:19 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

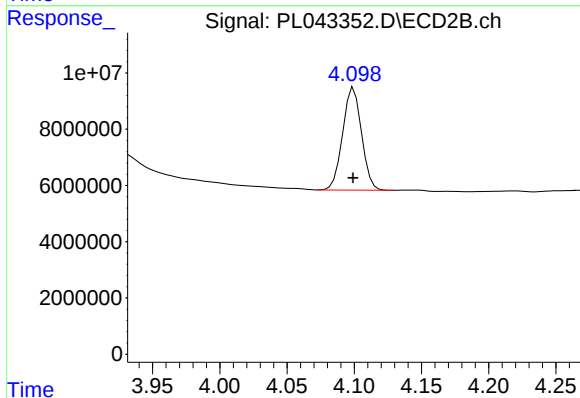




#1 Tetrachloro-m-xylene

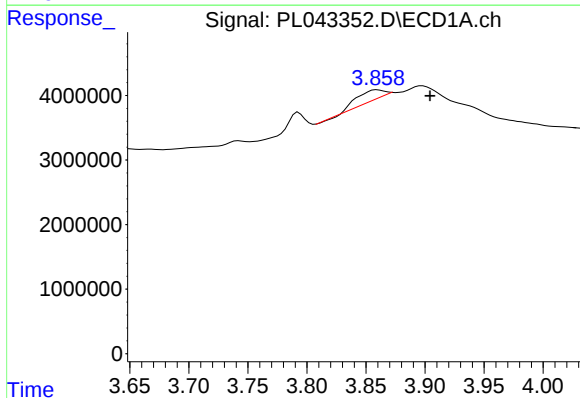
R.T.: 3.464 min  
Delta R.T.: 0.000 min  
Response: 62853264  
Conc: 10.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-122018



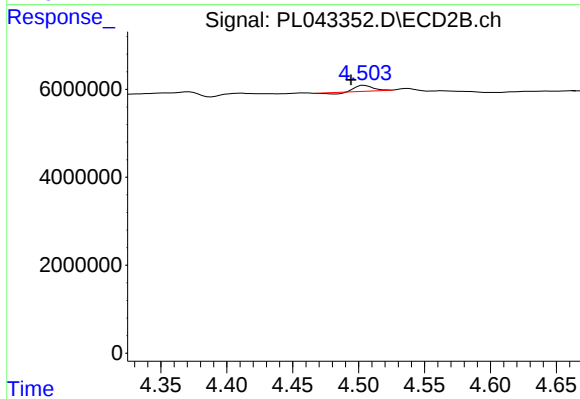
#1 Tetrachloro-m-xylene

R.T.: 4.100 min  
Delta R.T.: 0.000 min  
Response: 35538894  
Conc: 11.99 ng/ml



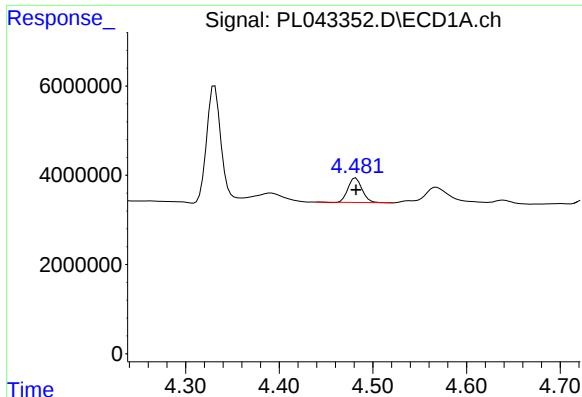
#2 alpha-BHC

R.T.: 3.859 min  
Delta R.T.: -0.045 min  
Response: 3007516  
Conc: 0.32 ng/ml



#2 alpha-BHC

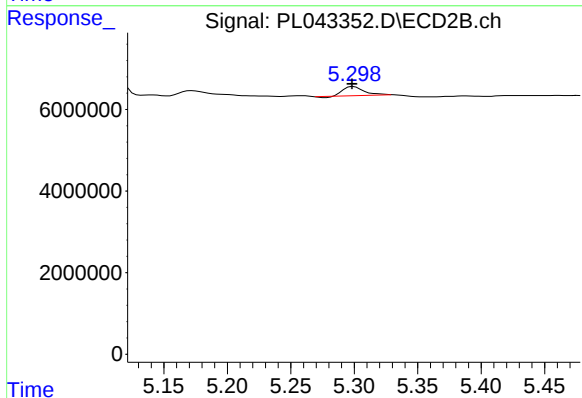
R.T.: 4.505 min  
Delta R.T.: 0.010 min  
Response: 1024620  
Conc: 0.23 ng/ml



#4 Heptachlor

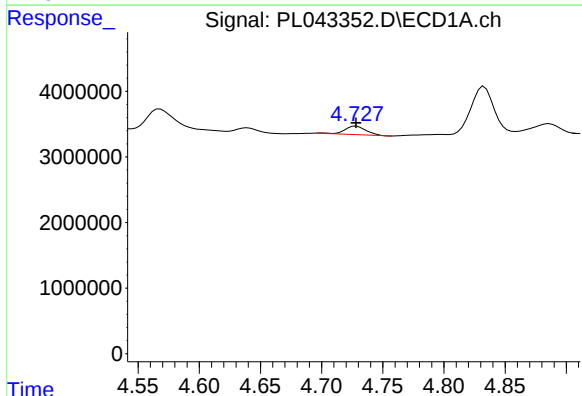
R.T.: 4.482 min  
Delta R.T.: 0.000 min  
Response: 5718751  
Conc: 0.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-122018



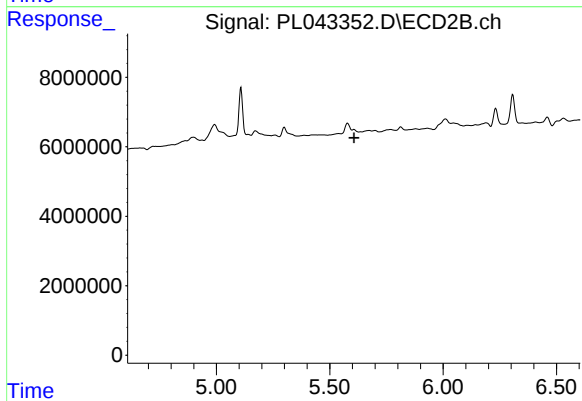
#4 Heptachlor

R.T.: 5.300 min  
Delta R.T.: 0.001 min  
Response: 2547028  
Conc: 0.62 ng/ml



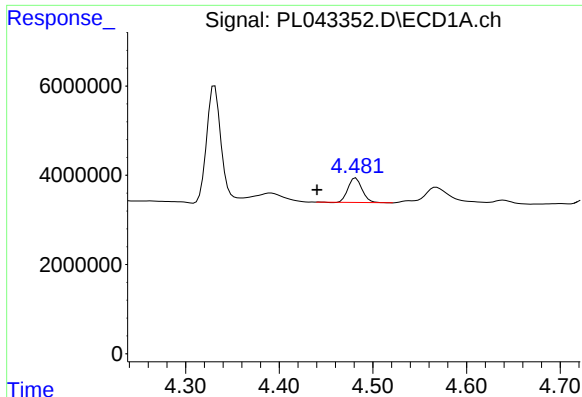
#5 Aldrin

R.T.: 4.728 min  
Delta R.T.: 0.000 min  
Response: 1571345  
Conc: 0.19 ng/ml



#5 Aldrin

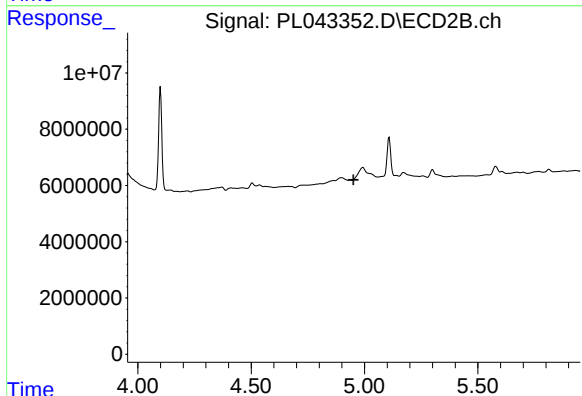
R.T.: 0.000 min  
Exp R.T.: 5.607 min  
Response: 0  
Conc: N.D.



#6 beta-BHC

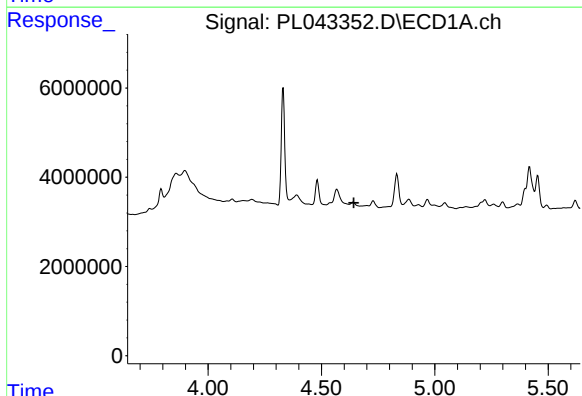
R.T.: 4.482 min  
Delta R.T.: 0.041 min  
Response: 5718751  
Conc: 1.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-122018



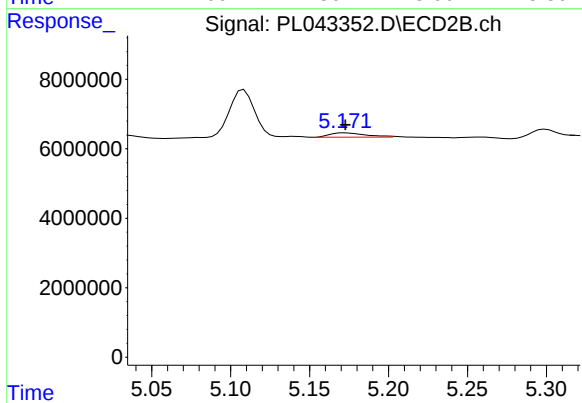
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.952 min  
Response: 0  
Conc: N.D.



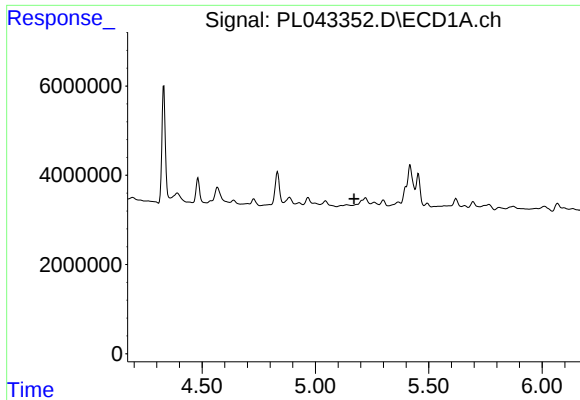
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.643 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

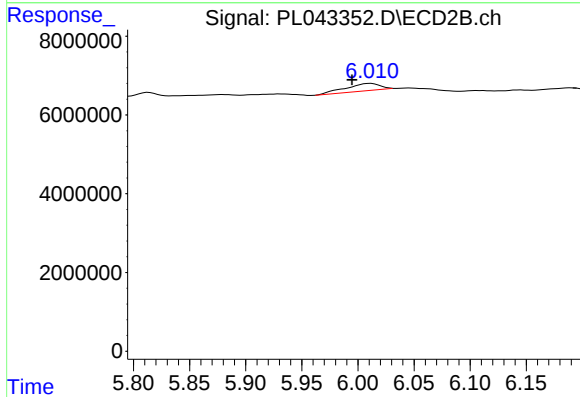
R.T.: 5.172 min  
Delta R.T.: 0.000 min  
Response: 1968082  
Conc: 0.46 ng/ml



#8 Heptachlor epoxide

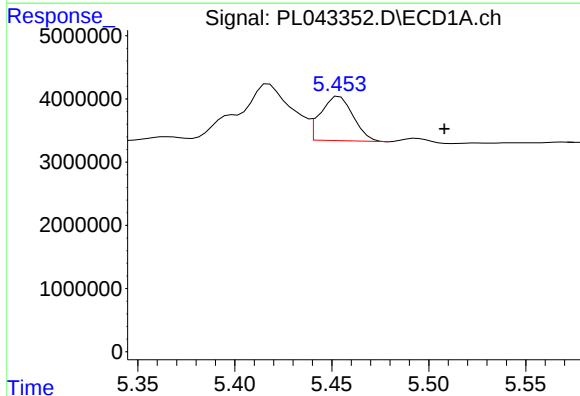
R.T.: 0.000 min  
Exp R.T.: 5.171 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-122018



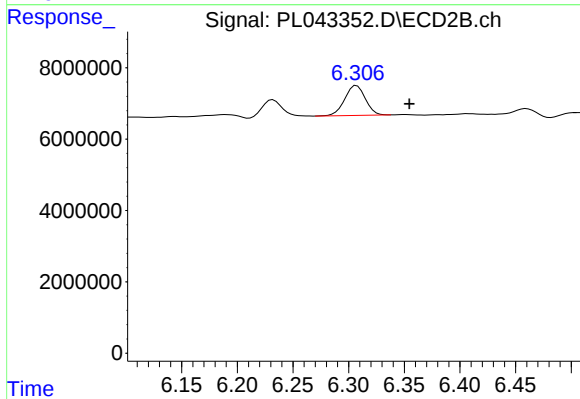
#8 Heptachlor epoxide

R.T.: 6.011 min  
Delta R.T.: 0.017 min  
Response: 4225576  
Conc: 1.11 ng/ml



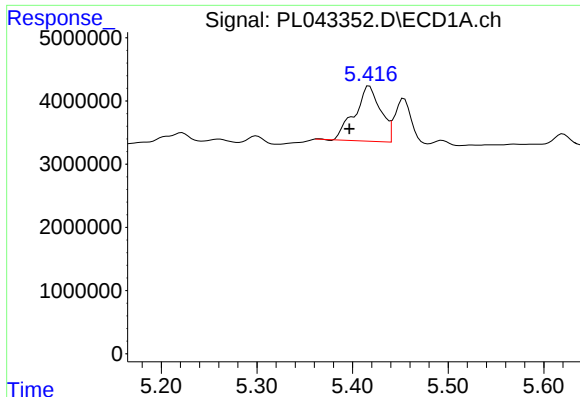
#9 Endosulfan I

R.T.: 5.454 min  
Delta R.T.: -0.054 min  
Response: 8200925  
Conc: 1.12 ng/ml



#9 Endosulfan I

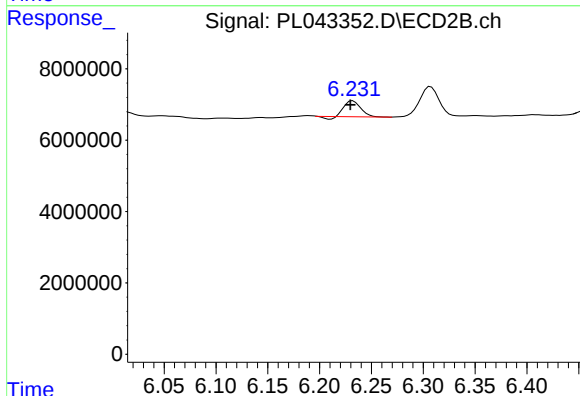
R.T.: 6.307 min  
Delta R.T.: -0.047 min  
Response: 10777074  
Conc: 3.17 ng/ml



#10 gamma-Chlordane

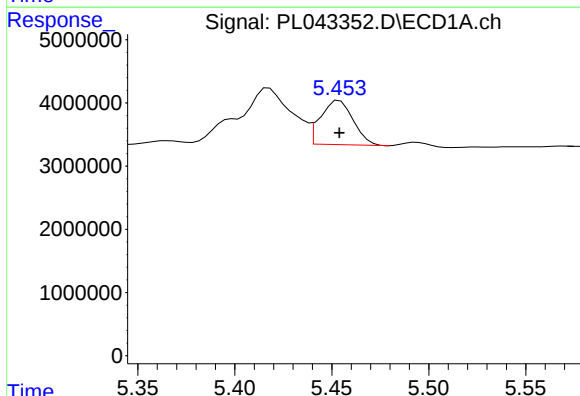
R.T.: 5.418 min  
Delta R.T.: 0.021 min  
Response: 16360131  
Conc: 2.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-122018



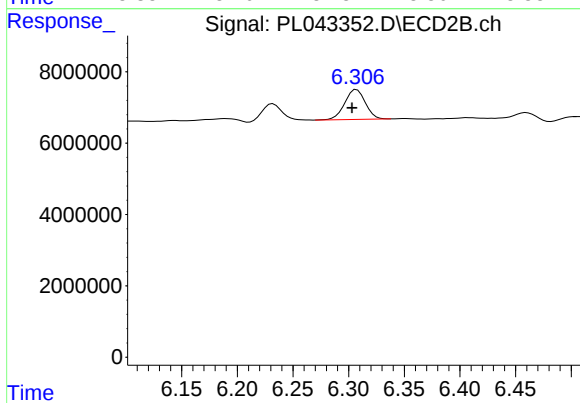
#10 gamma-Chlordane

R.T.: 6.232 min  
Delta R.T.: 0.002 min  
Response: 4703095  
Conc: 1.28 ng/ml



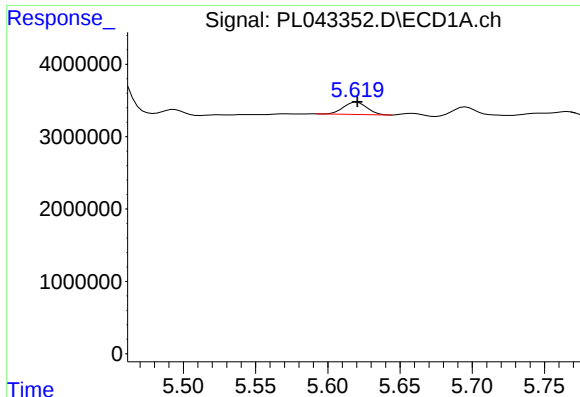
#11 alpha-Chlordane

R.T.: 5.454 min  
Delta R.T.: 0.000 min  
Response: 8200925  
Conc: 1.03 ng/ml



#11 alpha-Chlordane

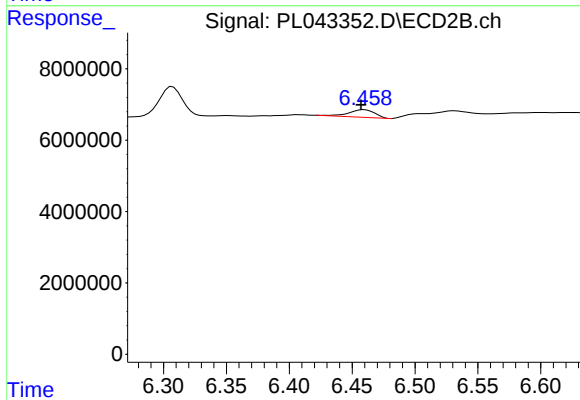
R.T.: 6.307 min  
Delta R.T.: 0.004 min  
Response: 10777074  
Conc: 3.00 ng/ml



#12 4,4'-DDE

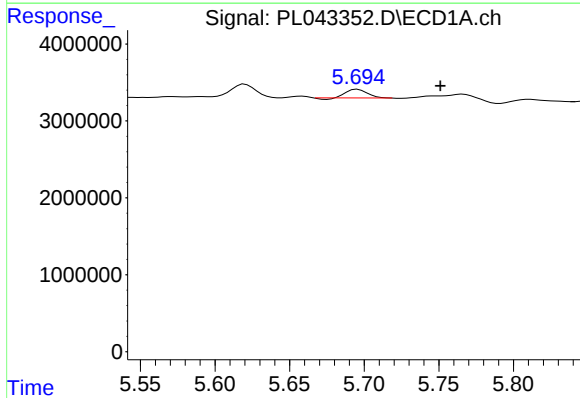
R.T.: 5.620 min  
Delta R.T.: 0.000 min  
Response: 1930056  
Conc: 0.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-122018



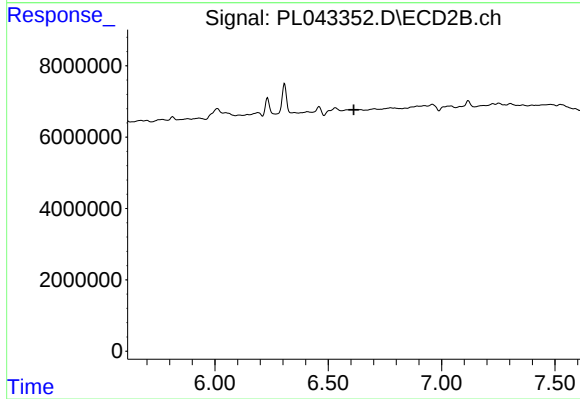
#12 4,4'-DDE

R.T.: 6.460 min  
Delta R.T.: 0.003 min  
Response: 3109770  
Conc: 0.86 ng/ml



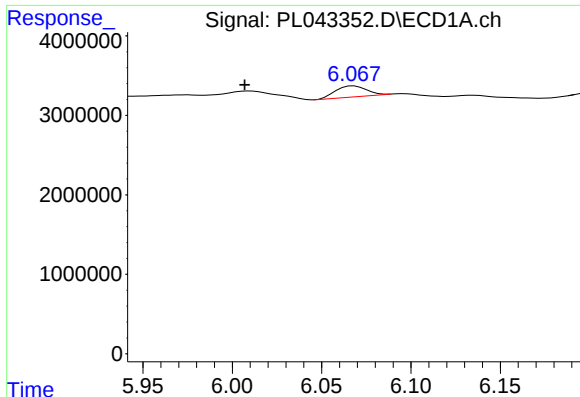
#13 Dieldrin

R.T.: 5.696 min  
Delta R.T.: -0.055 min  
Response: 1041903  
Conc: 0.13 ng/ml



#13 Dieldrin

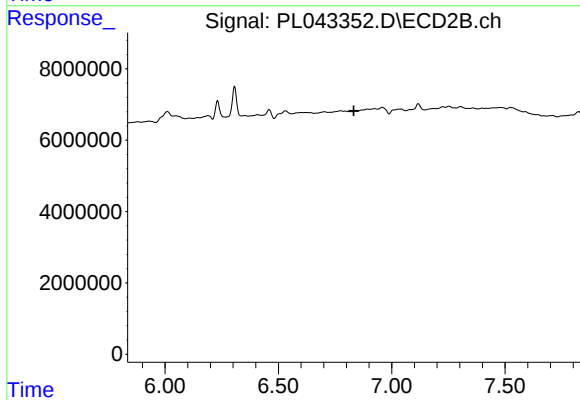
R.T.: 0.000 min  
Exp R.T.: 6.613 min  
Response: 0  
Conc: N.D.



#14 Endrin

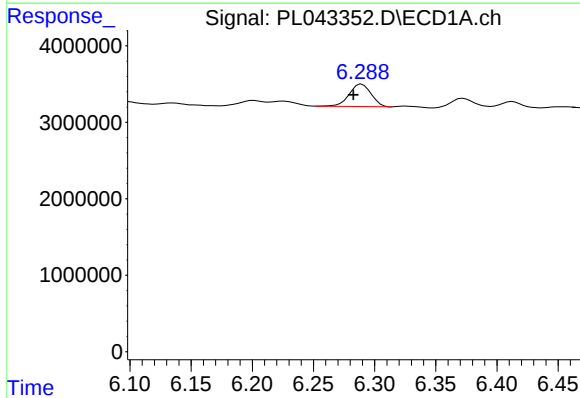
R.T.: 6.068 min  
Delta R.T.: 0.061 min  
Response: 1661137  
Conc: 0.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-122018



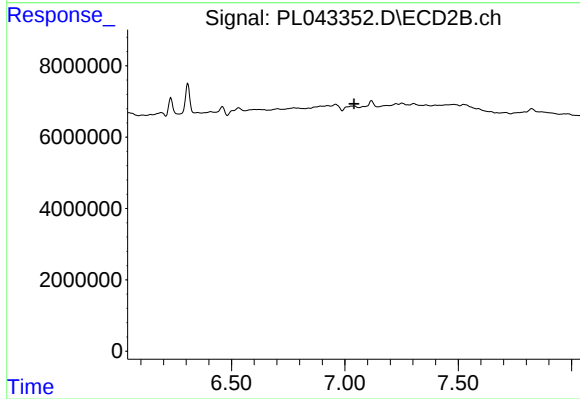
#14 Endrin

R.T.: 0.000 min  
Exp R.T. : 6.832 min  
Response: 0  
Conc: N.D.



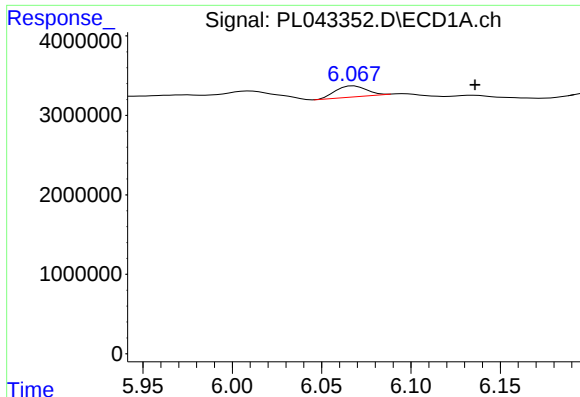
#15 Endosulfan II

R.T.: 6.290 min  
Delta R.T.: 0.007 min  
Response: 3663301  
Conc: 0.55 ng/ml



#15 Endosulfan II

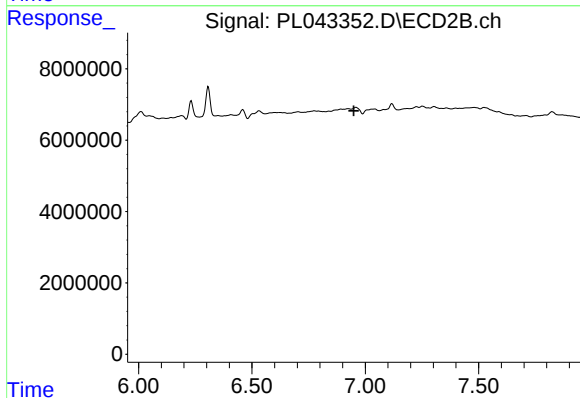
R.T.: 0.000 min  
Exp R.T. : 7.041 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

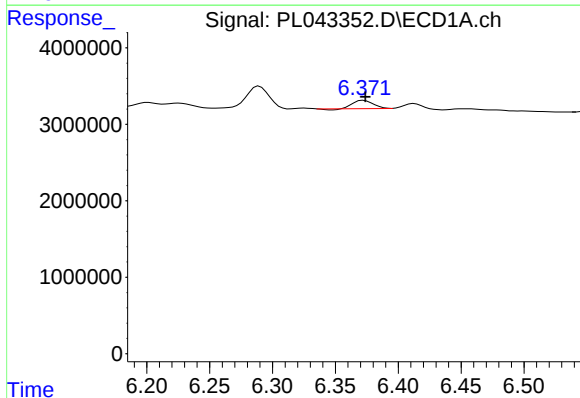
R.T.: 6.068 min  
Delta R.T.: -0.068 min  
Response: 1661137  
Conc: 0.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-122018



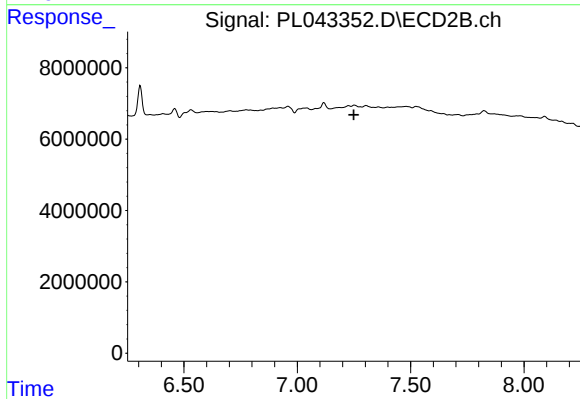
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 6.949 min  
Response: 0  
Conc: N.D.



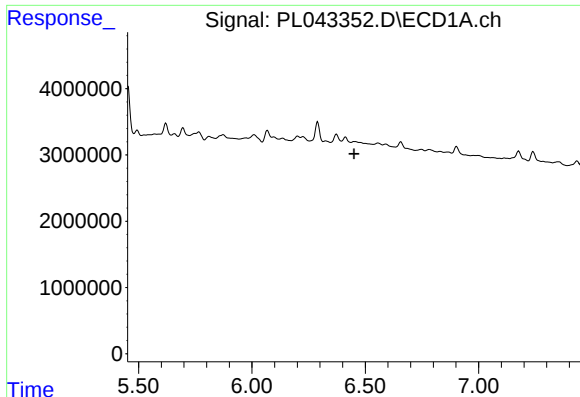
#17 4,4'-DDT

R.T.: 6.372 min  
Delta R.T.: -0.001 min  
Response: 1177898  
Conc: 0.20 ng/ml



#17 4,4'-DDT

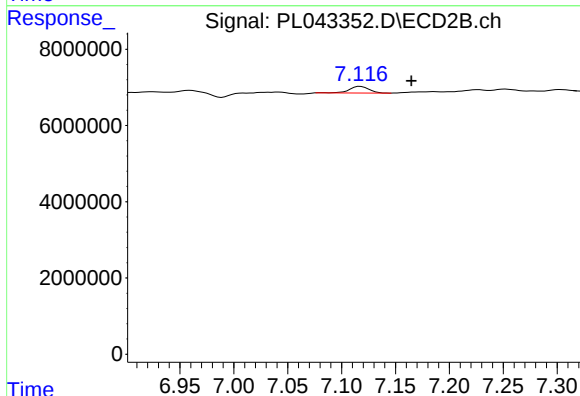
R.T.: 0.000 min  
Exp R.T. : 7.249 min  
Response: 0  
Conc: N.D.



#18 Endrin aldehyde

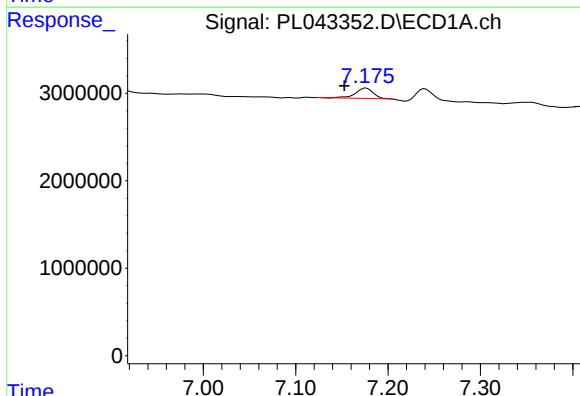
R.T.: 0.000 min  
Exp R.T.: 6.450 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-122018



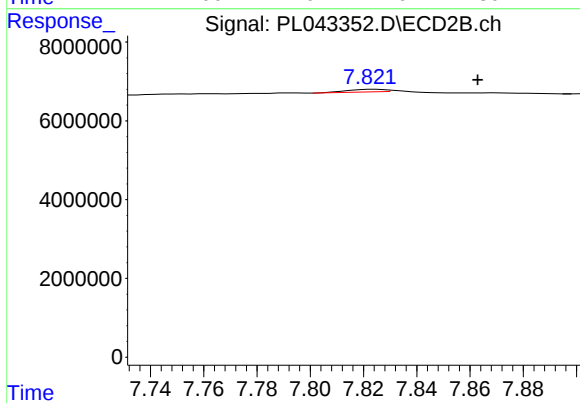
#18 Endrin aldehyde

R.T.: 7.117 min  
Delta R.T.: -0.047 min  
Response: 2206123  
Conc: 0.88 ng/ml



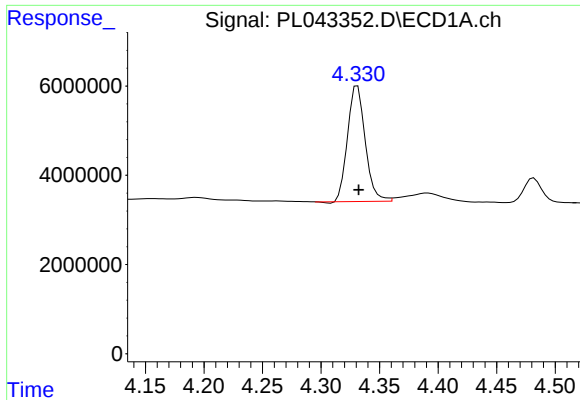
#21 Endrin ketone

R.T.: 7.176 min  
Delta R.T.: 0.024 min  
Response: 1606029  
Conc: 0.22 ng/ml



#21 Endrin ketone

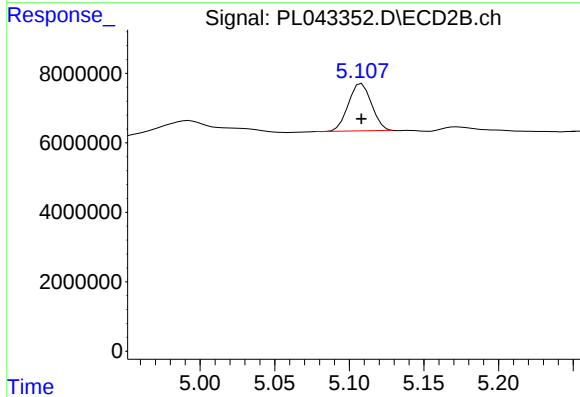
R.T.: 7.824 min  
Delta R.T.: -0.039 min  
Response: 734765  
Conc: 0.24 ng/ml



#23 Chlordane-1

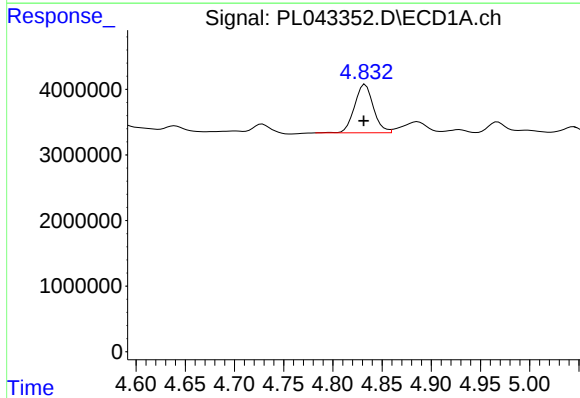
R.T.: 4.331 min  
Delta R.T.: -0.001 min  
Response: 27216886  
Conc: 101.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-122018



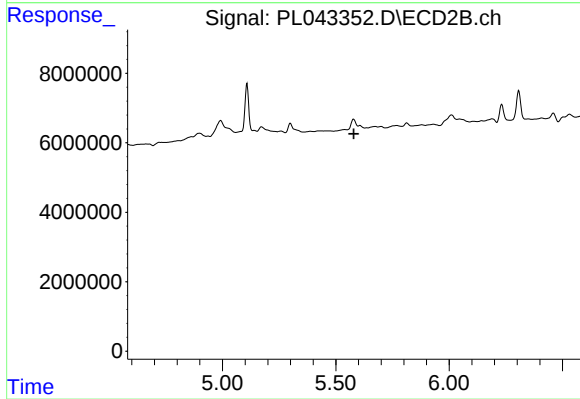
#23 Chlordane-1

R.T.: 5.108 min  
Delta R.T.: 0.000 min  
Response: 14815816  
Conc: 104.83 ng/ml



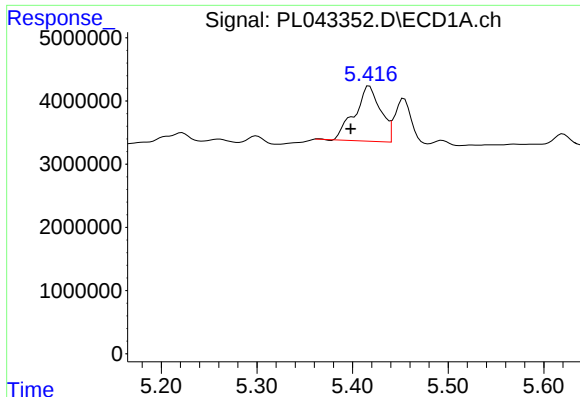
#24 Chlordane-2

R.T.: 4.833 min  
Delta R.T.: 0.001 min  
Response: 9871089  
Conc: 34.39 ng/ml



#24 Chlordane-2

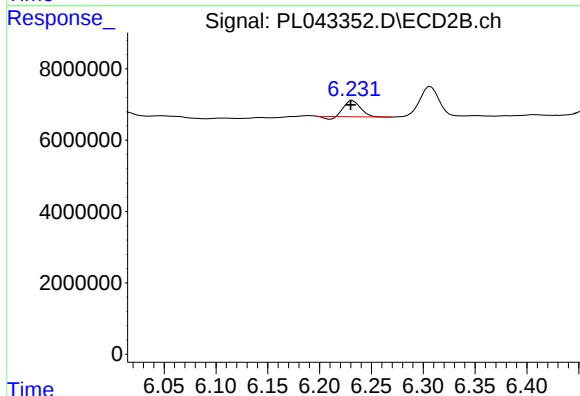
R.T.: 0.000 min  
Exp R.T.: 5.579 min  
Response: 0  
Conc: N.D.



#25 Chlordane-3

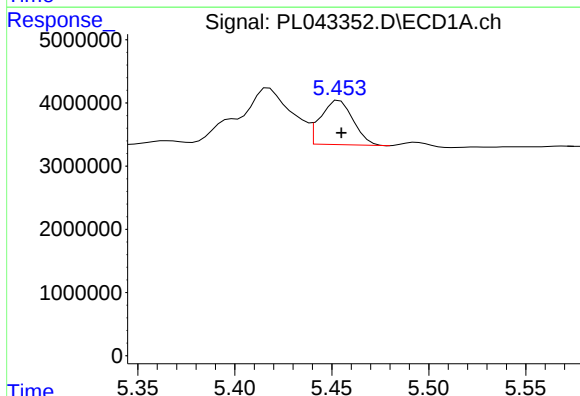
R.T.: 5.418 min  
Delta R.T.: 0.019 min  
Response: 16360131  
Conc: 19.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-122018



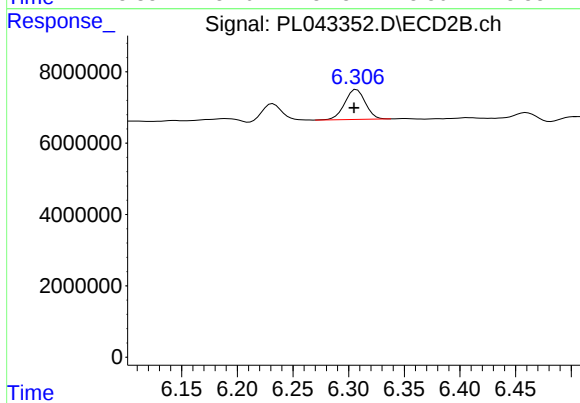
#25 Chlordane-3

R.T.: 6.232 min  
Delta R.T.: 0.002 min  
Response: 4703095  
Conc: 9.58 ng/ml



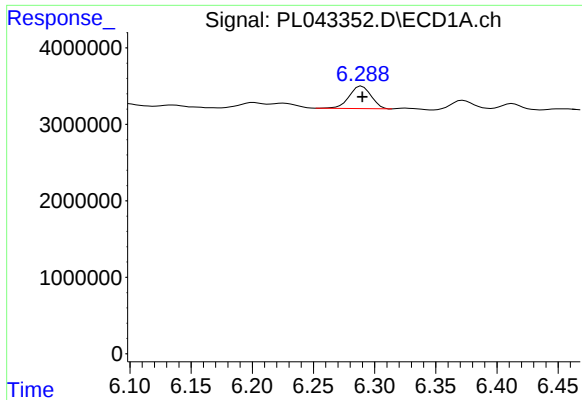
#26 Chlordane-4

R.T.: 5.454 min  
Delta R.T.: 0.000 min  
Response: 8200925  
Conc: 10.85 ng/ml



#26 Chlordane-4

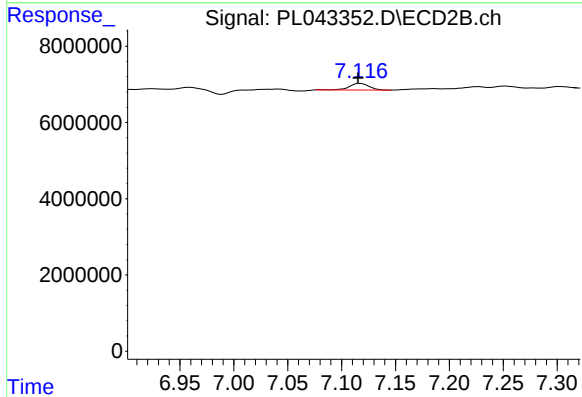
R.T.: 6.307 min  
Delta R.T.: 0.002 min  
Response: 10777074  
Conc: 18.88 ng/ml



#27 Chlordane-5

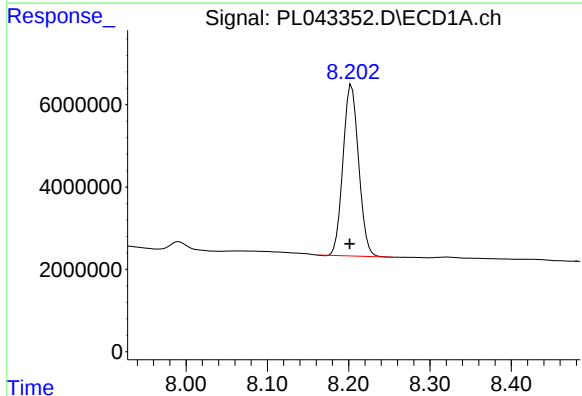
R.T.: 6.290 min  
Delta R.T.: 0.000 min  
Response: 3663301  
Conc: 15.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BU-01-122018



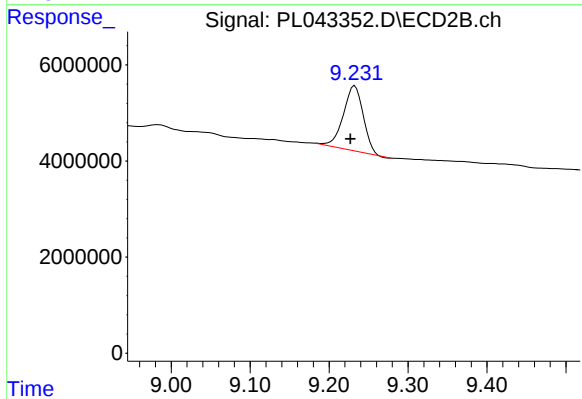
#27 Chlordane-5

R.T.: 7.117 min  
Delta R.T.: 0.002 min  
Response: 2206123  
Conc: 18.82 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.204 min  
Delta R.T.: 0.002 min  
Response: 55424462  
Conc: 8.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.233 min  
Delta R.T.: 0.006 min  
Response: 23366643  
Conc: 8.96 ng/ml