

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051119\  
 Data File : PL048466.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 May 2019 06:52  
 Operator : AJ\SJ  
 Sample : K2613-05  
 Misc :  
 ALS Vial : 72 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 BFH39

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 13 01:39:07 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL050919CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 10 01:24:11 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 x 0.50µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml    | ng/ml      |
|-----------------------------|-----------------|--------|--------|----------|----------|----------|------------|
| -----                       |                 |        |        |          |          |          |            |
| System Monitoring Compounds |                 |        |        |          |          |          |            |
| 1)                          | SA Tetrachlo... | 3.328  | 3.940  | 121.5E6  | 32249226 | 11.719   | 12.233     |
| 27)                         | SA Decachlor... | 7.996  | 8.977  | 185.4E6  | 50820295 | 17.395   | 18.642     |
| Target Compounds            |                 |        |        |          |          |          |            |
| 3)                          | MA gamma-BHC... | 4.075f | 4.573f | 14450997 | 3470498  | 0.978    | 1.014      |
| 5)                          | MB Aldrin       | 4.568  | 0.000  | 13358052 | 0        | 0.896    | N.D. #     |
| 6)                          | B beta-BHC      | 4.242f | 0.000  | 6544941  | 0        | 0.948    | N.D. #     |
| 8)                          | B Heptachlo...  | 5.046f | 5.796  | 20531339 | 7400161  | 1.485    | 2.506 #    |
| 9)                          | A Endosulfan I  | 5.293  | 6.111f | 33496420 | 6631157  | 2.543    | 2.188      |
| 10)                         | B trans-Chl...  | 5.193  | 6.056  | 78450820 | 13375491 | 5.432    | 4.164      |
| 11)                         | B cis-Chlor...  | 5.293  | 6.111  | 33496420 | 6631157  | 2.396    | 2.077      |
| 12)                         | B 4,4'-DDE      | 5.426  | 6.281  | 57231165 | 17130352 | 4.064    | 5.570 #    |
| 13)                         | MA Dieldrin     | 5.579  | 6.409  | 128.8E6  | 40377941 | 9.009    | 12.816 #   |
| 14)                         | MA Endrin       | 5.818  | 6.629  | 156.7E6  | 12945230 | 12.556   | 4.922 #    |
| 15)                         | B Endosulfa...  | 6.077  | 6.829  | 23554016 | 15005839 | 1.880    | 5.329 #    |
| 16)                         | A 4,4'-DDD      | 6.009f | 6.765  | 179.4E6  | 180.6E6  | 16.653   | 73.837 #   |
| 17)                         | MA 4,4'-DDT     | 6.177  | 7.028  | 458.8E6  | 95472704 | 41.179   | 37.968     |
| 19)                         | B Endosulfa...  | 6.460  | 7.163  | 355.7E6  | 9691717  | 31.039   | 3.657 #    |
| 20)                         | A Methoxychlor  | 6.708  | 7.505  | 999.0E6  | 6804186  | 181.173  | 4.983 #    |
| 21)                         | B Endrin ke...  | 6.977  | 7.626  | 290.4E6  | 183.2E6  | 24.698   | 69.465 #   |
| 22)                         | Toxaphene-1     | 5.532  | 6.351  | 5945988  | 7451985  | 85.326   | 489.926 #  |
| 23)                         | Toxaphene-2     | 5.686  | 6.629  | 255.7E6  | 12945230 | 3187.767 | 723.390 #  |
| 24)                         | Toxaphene-3     | 6.133  | 7.028  | 148.8E6  | 95472704 | 763.611  | 4053.284 # |
| 25)                         | Toxaphene-4     | 6.398  | 7.319  | 58322340 | 103.2E6  | 298.995  | 5156.066 # |
| 26)                         | Toxaphene-5     | 6.790  | 7.626  | 31670578 | 183.2E6  | 137.385  | 5564.645 # |
| -----                       |                 |        |        |          |          |          |            |

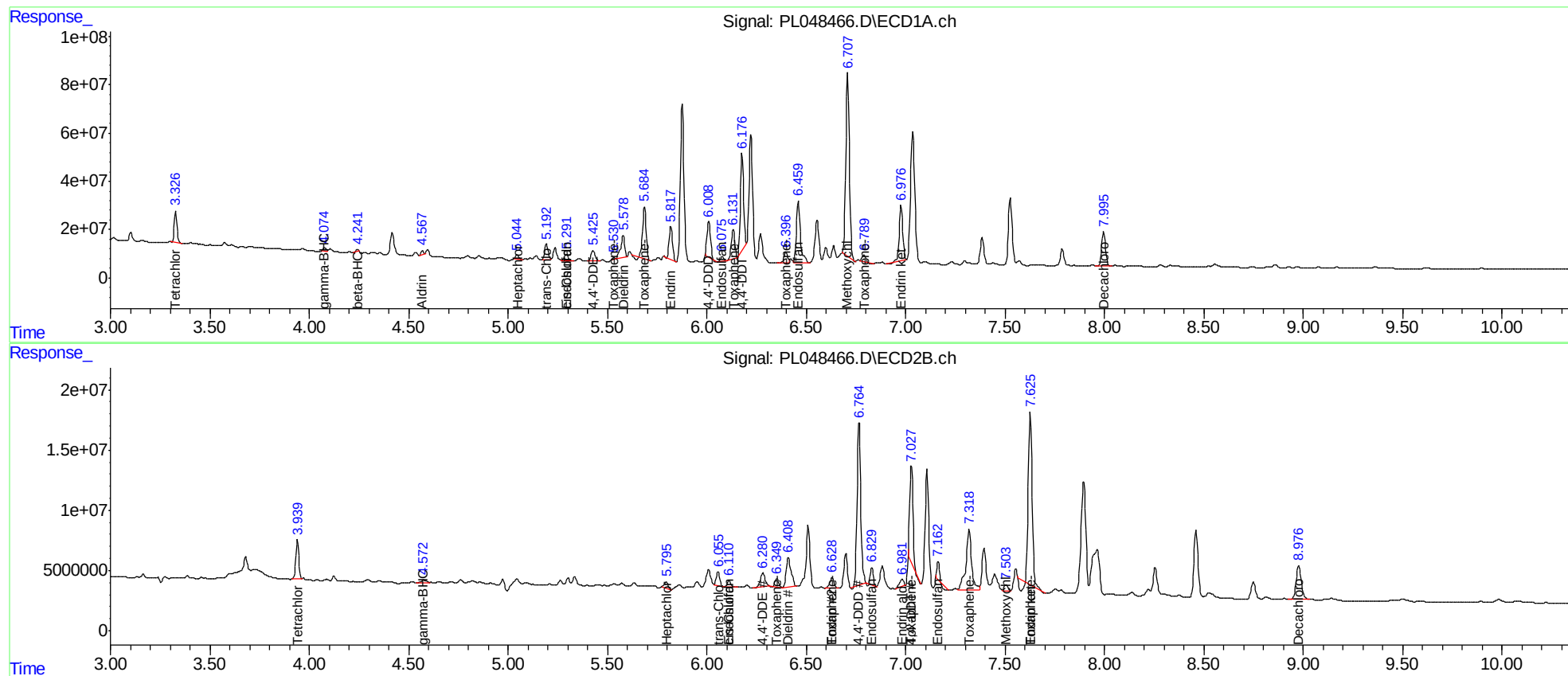
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

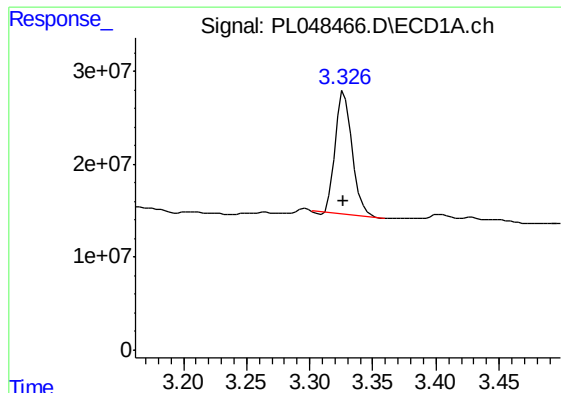
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL051119\  
Data File : PL048466.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 May 2019 06:52  
Operator : AJ\SJ  
Sample : K2613-05  
Misc :  
ALS Vial : 72 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampled :  
BFH39

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 13 01:39:07 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL050919CLP.M  
Quant Title : GC Extractables  
QLast Update : Fri May 10 01:24:11 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 x 0.50µm

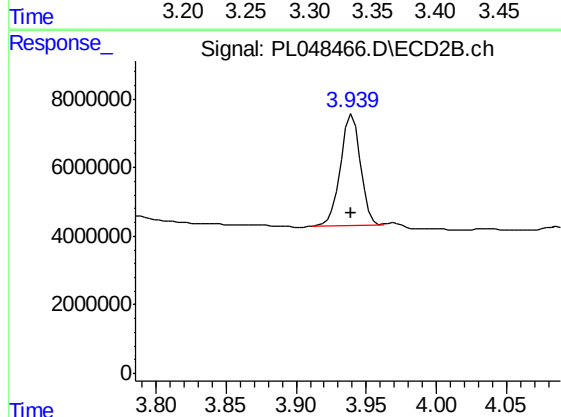




#1 Tetrachloro-m-xylene

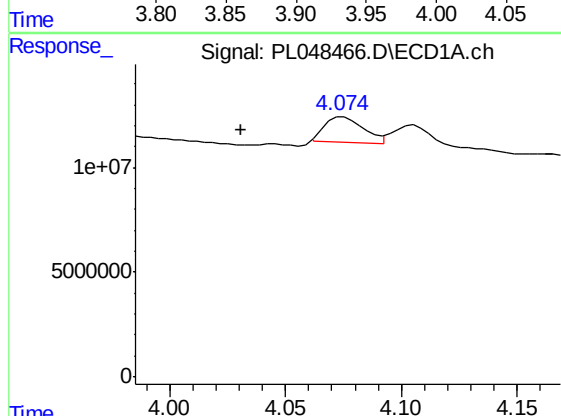
R.T.: 3.328 min  
Delta R.T.: 0.000 min  
Response: 121499432  
Conc: 11.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BFH39



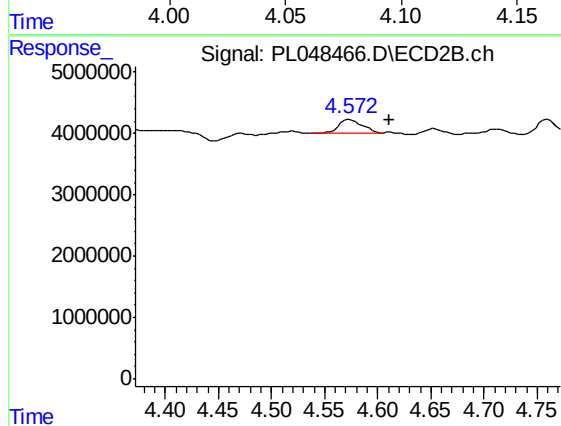
#1 Tetrachloro-m-xylene

R.T.: 3.940 min  
Delta R.T.: 0.000 min  
Response: 32249226  
Conc: 12.23 ng/ml



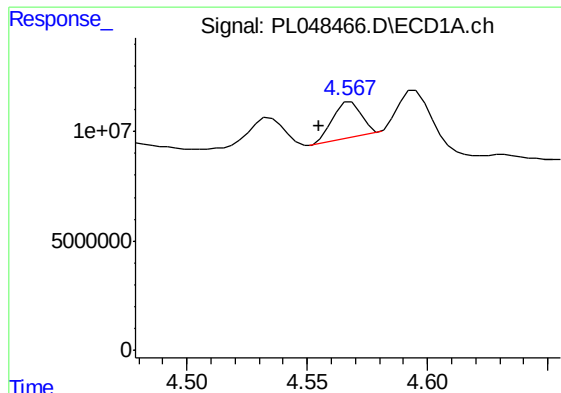
#3 gamma-BHC (Lindane)

R.T.: 4.075 min  
Delta R.T.: 0.044 min  
Response: 14450997  
Conc: 0.98 ng/ml



#3 gamma-BHC (Lindane)

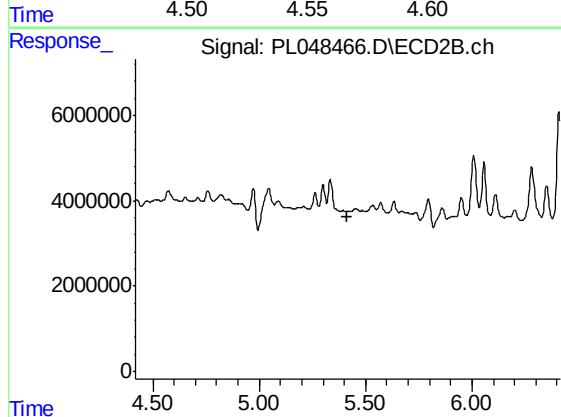
R.T.: 4.573 min  
Delta R.T.: -0.038 min  
Response: 3470498  
Conc: 1.01 ng/ml



#5 Aldrin

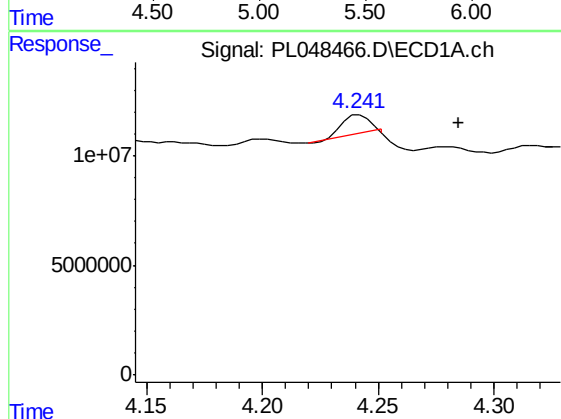
R.T.: 4.568 min  
Delta R.T.: 0.013 min  
Response: 13358052  
Conc: 0.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BFH39



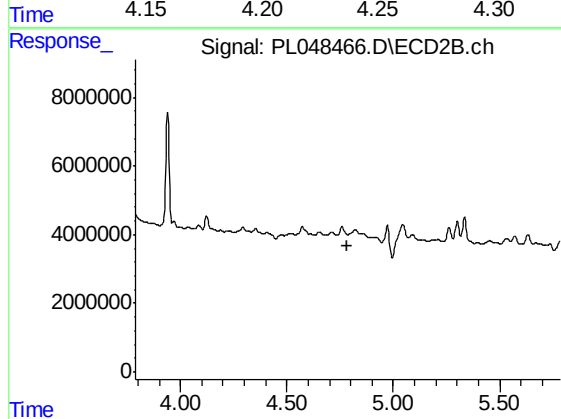
#5 Aldrin

R.T.: 0.000 min  
Exp R.T. : 5.417 min  
Response: 0  
Conc: N.D.



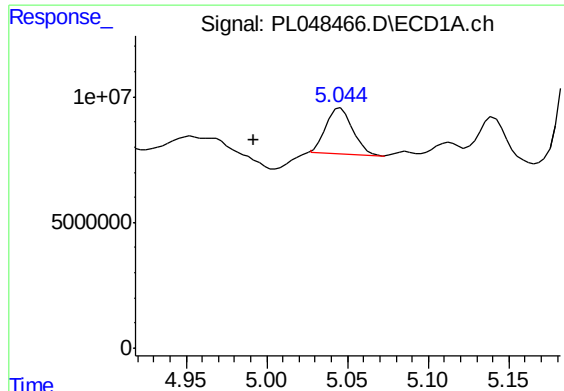
#6 beta-BHC

R.T.: 4.242 min  
Delta R.T.: -0.043 min  
Response: 6544941  
Conc: 0.95 ng/ml



#6 beta-BHC

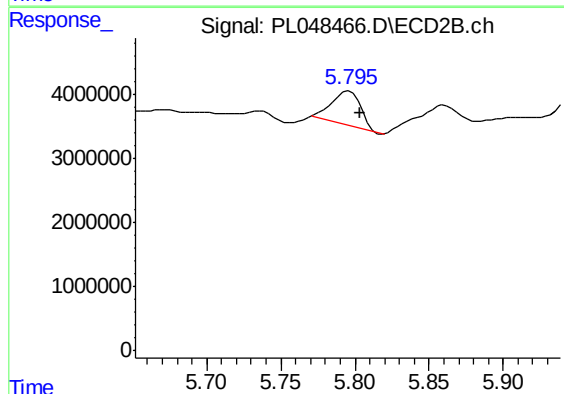
R.T.: 0.000 min  
Exp R.T. : 4.785 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

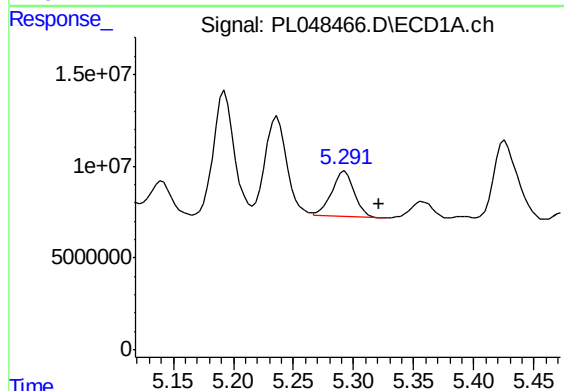
R.T.: 5.046 min  
Delta R.T.: 0.054 min  
Response: 20531339  
Conc: 1.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BFH39



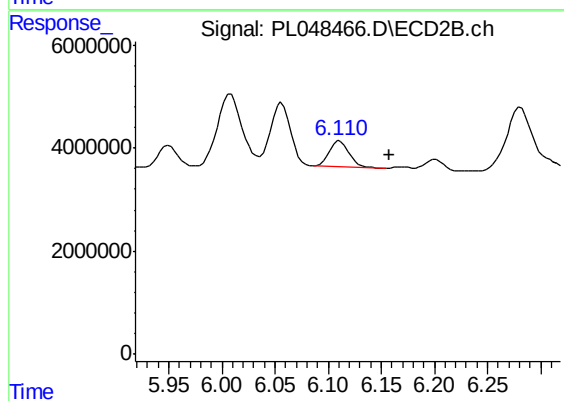
#8 Heptachlor epoxide

R.T.: 5.796 min  
Delta R.T.: -0.007 min  
Response: 7400161  
Conc: 2.51 ng/ml



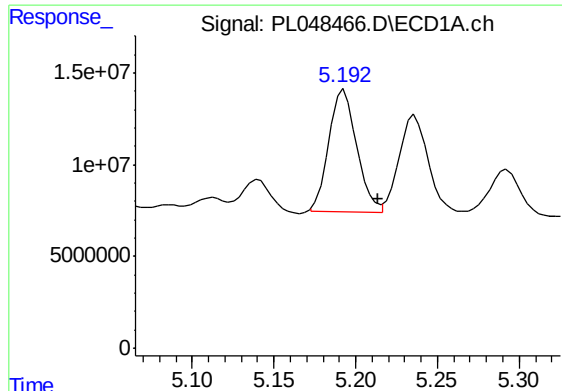
#9 Endosulfan I

R.T.: 5.293 min  
Delta R.T.: -0.029 min  
Response: 33496420  
Conc: 2.54 ng/ml



#9 Endosulfan I

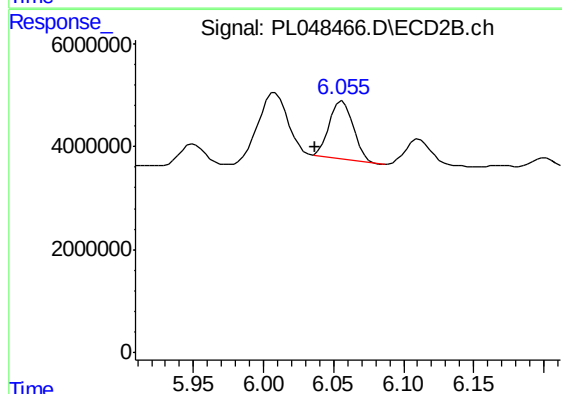
R.T.: 6.111 min  
Delta R.T.: -0.047 min  
Response: 6631157  
Conc: 2.19 ng/ml



#10 trans-Chlordane

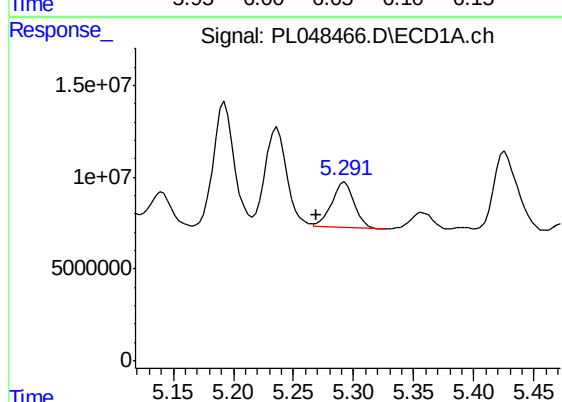
R.T.: 5.193 min  
Delta R.T.: -0.021 min  
Response: 78450820  
Conc: 5.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BFH39



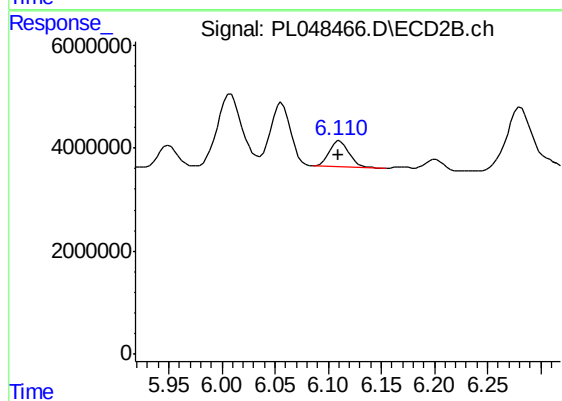
#10 trans-Chlordane

R.T.: 6.056 min  
Delta R.T.: 0.019 min  
Response: 13375491  
Conc: 4.16 ng/ml



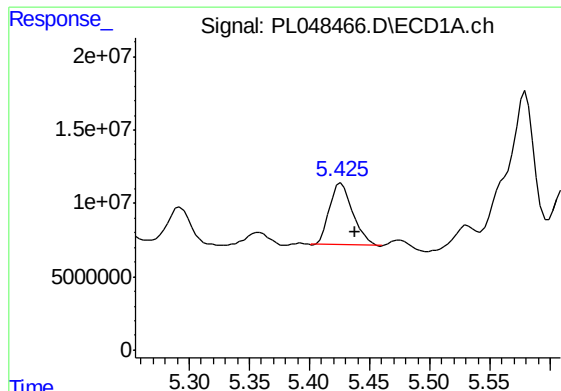
#11 cis-Chlordane

R.T.: 5.293 min  
Delta R.T.: 0.023 min  
Response: 33496420  
Conc: 2.40 ng/ml



#11 cis-Chlordane

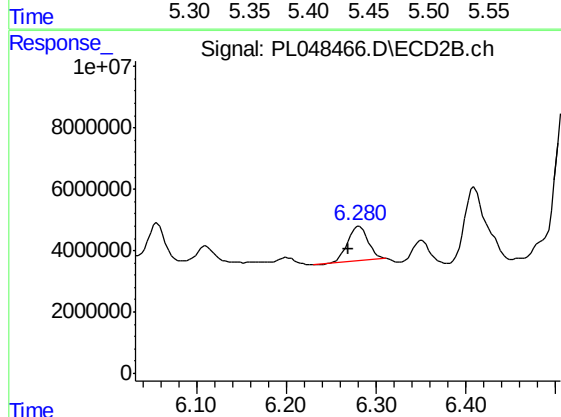
R.T.: 6.111 min  
Delta R.T.: 0.002 min  
Response: 6631157  
Conc: 2.08 ng/ml



#12 4,4'-DDE

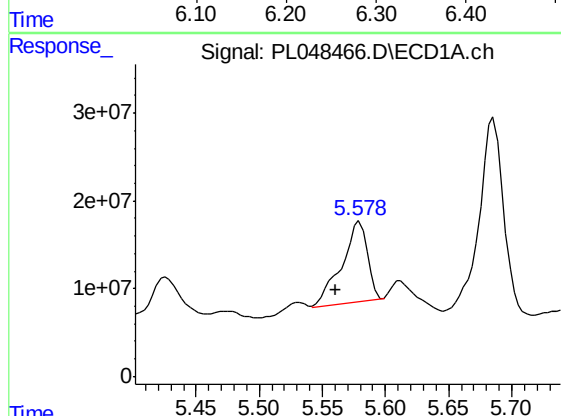
R.T.: 5.426 min  
Delta R.T.: -0.012 min  
Response: 57231165  
Conc: 4.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BFH39



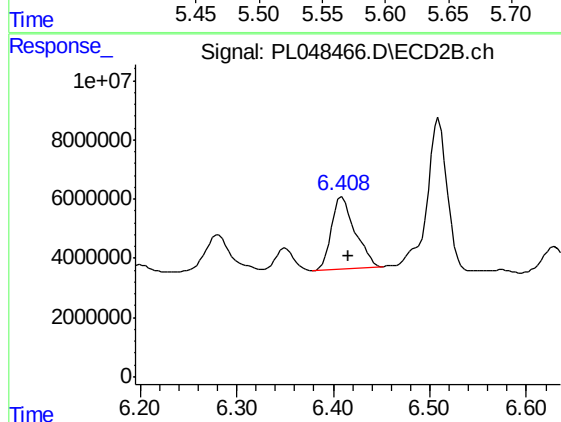
#12 4,4'-DDE

R.T.: 6.281 min  
Delta R.T.: 0.012 min  
Response: 17130352  
Conc: 5.57 ng/ml



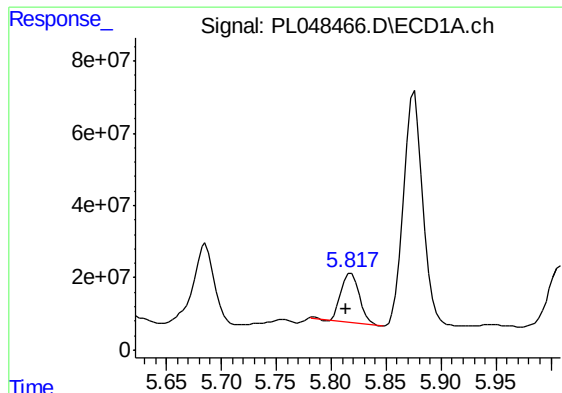
#13 Dieldrin

R.T.: 5.579 min  
Delta R.T.: 0.019 min  
Response: 128815187  
Conc: 9.01 ng/ml



#13 Dieldrin

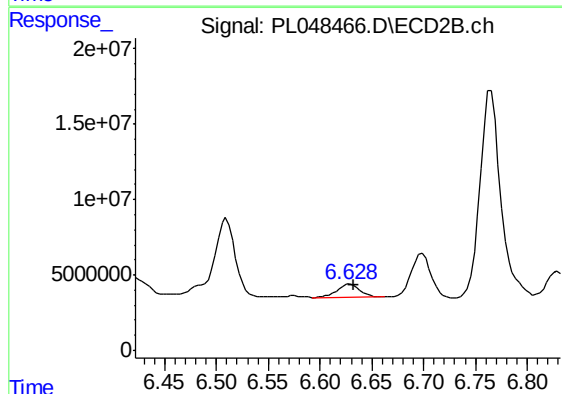
R.T.: 6.409 min  
Delta R.T.: -0.006 min  
Response: 40377941  
Conc: 12.82 ng/ml



#14 Endrin

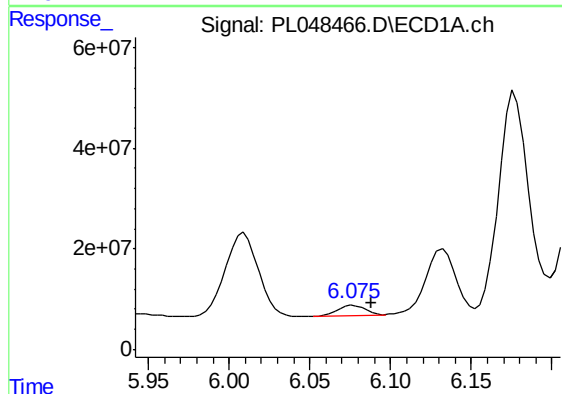
R.T.: 5.818 min  
Delta R.T.: 0.005 min  
Response: 156710763  
Conc: 12.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BFH39



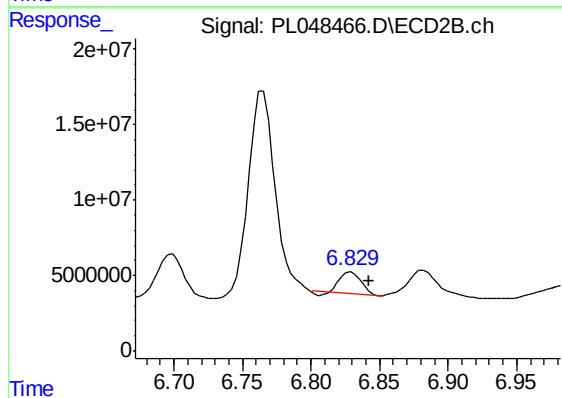
#14 Endrin

R.T.: 6.629 min  
Delta R.T.: -0.003 min  
Response: 12945230  
Conc: 4.92 ng/ml



#15 Endosulfan II

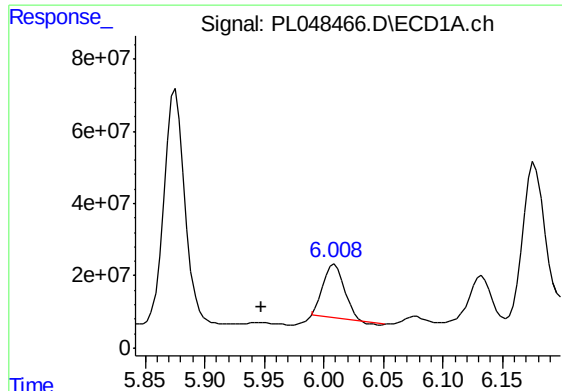
R.T.: 6.077 min  
Delta R.T.: -0.011 min  
Response: 23554016  
Conc: 1.88 ng/ml



#15 Endosulfan II

R.T.: 6.829 min  
Delta R.T.: -0.013 min  
Response: 15005839  
Conc: 5.33 ng/ml

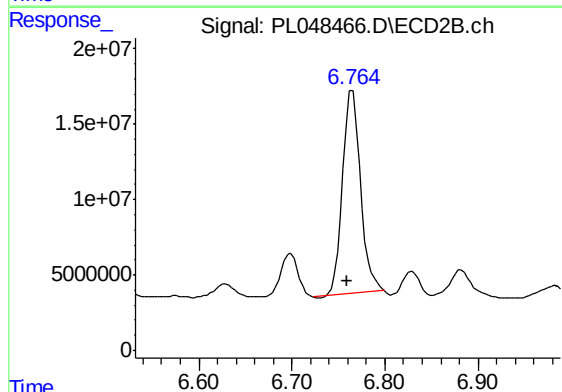




#16 4,4'-DDD

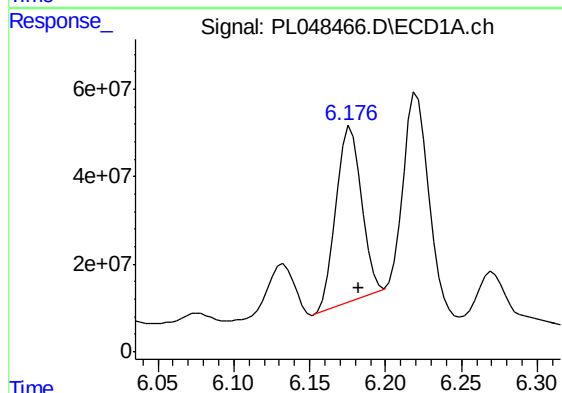
R.T.: 6.009 min  
Delta R.T.: 0.061 min  
Response: 179414633  
Conc: 16.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BFH39



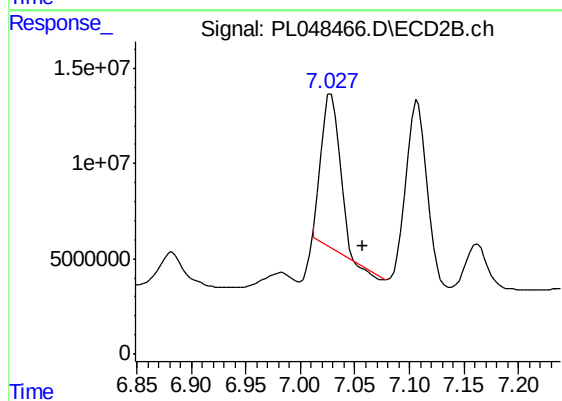
#16 4,4'-DDD

R.T.: 6.765 min  
Delta R.T.: 0.006 min  
Response: 180603295  
Conc: 73.84 ng/ml



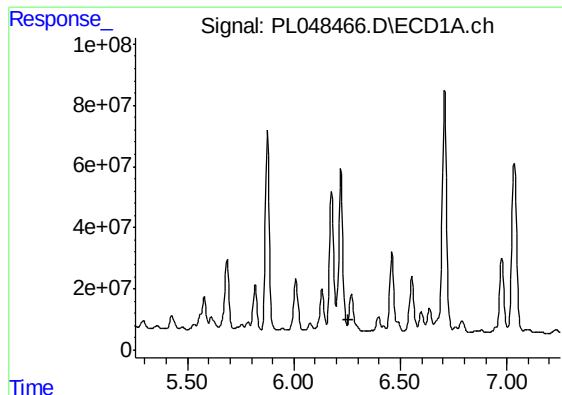
#17 4,4'-DDT

R.T.: 6.177 min  
Delta R.T.: -0.005 min  
Response: 458778827  
Conc: 41.18 ng/ml



#17 4,4'-DDT

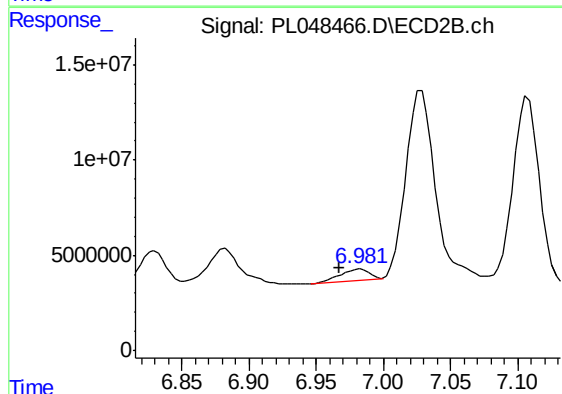
R.T.: 7.028 min  
Delta R.T.: -0.029 min  
Response: 95472704  
Conc: 37.97 ng/ml



#18 Endrin aldehyde

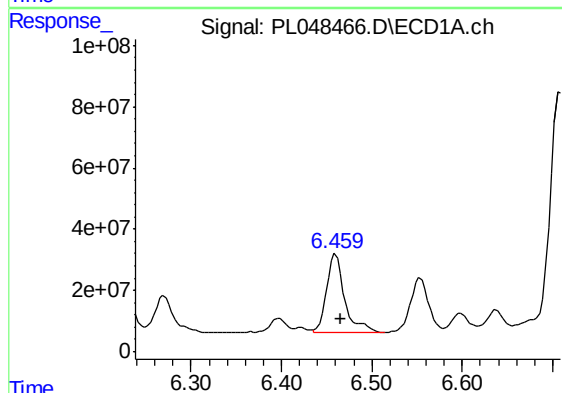
R.T.: 6.270 min  
Delta R.T.: 0.015 min  
Response: -263190665  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
BFH39



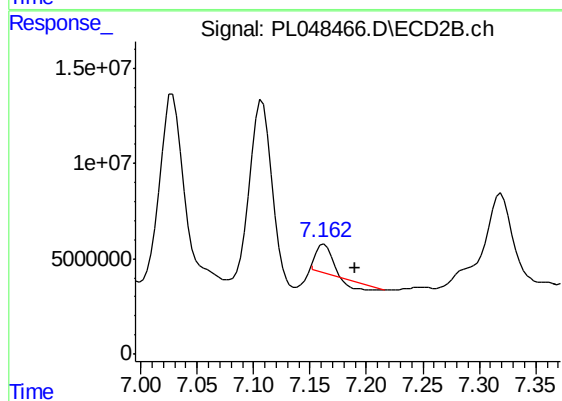
#18 Endrin aldehyde

R.T.: 6.983 min  
Delta R.T.: 0.016 min  
Response: 8643258  
Conc: 3.72 ng/ml



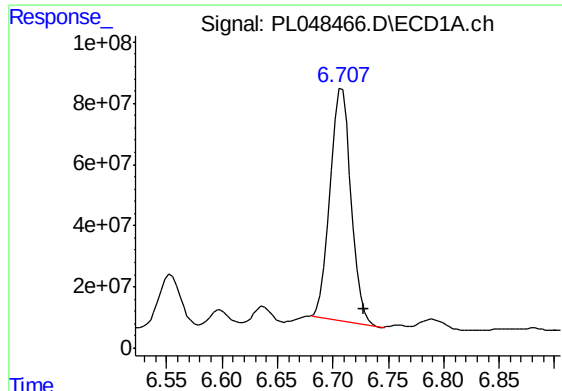
#19 Endosulfan Sulfate

R.T.: 6.460 min  
Delta R.T.: -0.005 min  
Response: 355690563  
Conc: 31.04 ng/ml



#19 Endosulfan Sulfate

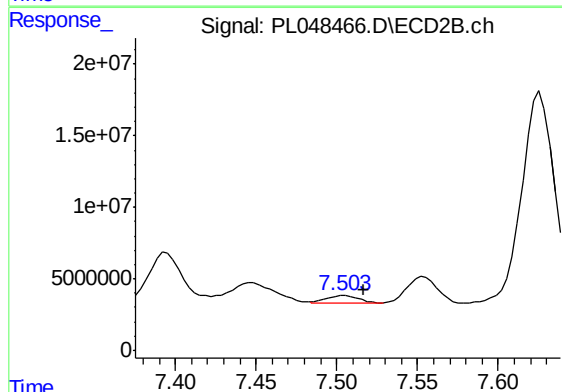
R.T.: 7.163 min  
Delta R.T.: -0.027 min  
Response: 9691717  
Conc: 3.66 ng/ml



#20 Methoxychlor

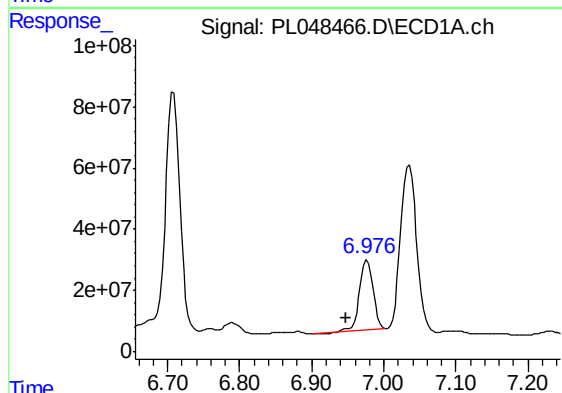
R.T.: 6.708 min  
Delta R.T.: -0.020 min  
Response: 999010557  
Conc: 181.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BFH39



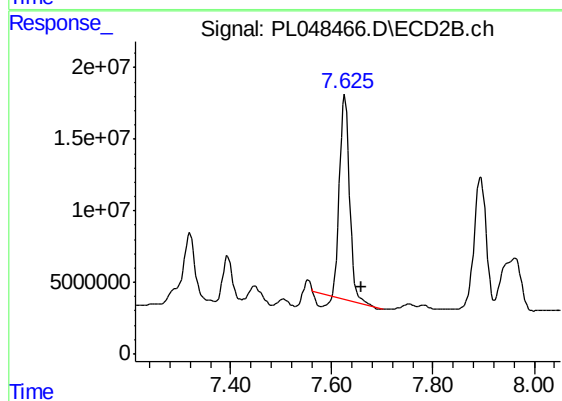
#20 Methoxychlor

R.T.: 7.505 min  
Delta R.T.: -0.012 min  
Response: 6804186  
Conc: 4.98 ng/ml



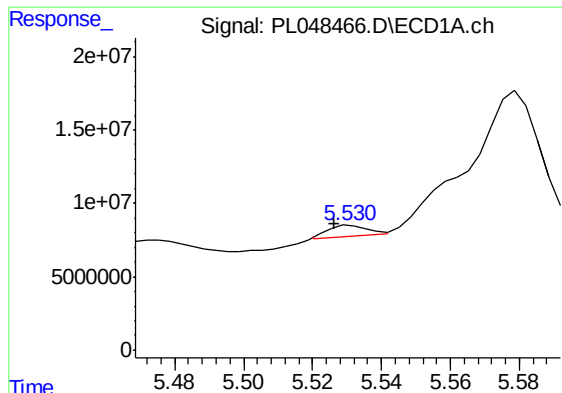
#21 Endrin ketone

R.T.: 6.977 min  
Delta R.T.: 0.029 min  
Response: 290424469  
Conc: 24.70 ng/ml



#21 Endrin ketone

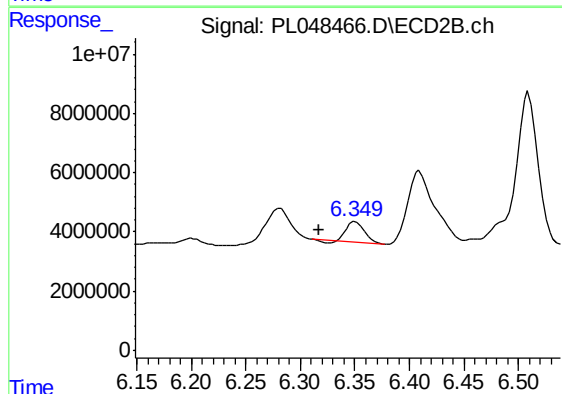
R.T.: 7.626 min  
Delta R.T.: -0.032 min  
Response: 183233349  
Conc: 69.47 ng/ml



#22 Toxaphene-1

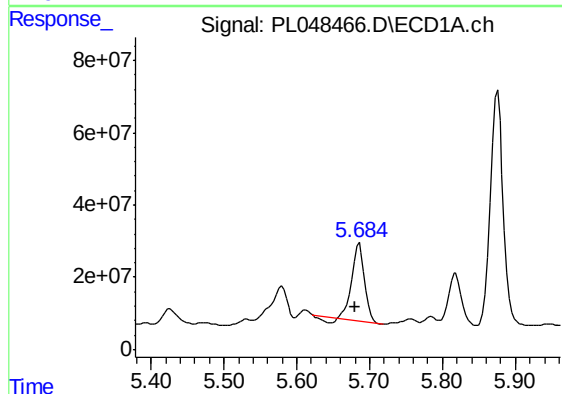
R.T.: 5.532 min  
Delta R.T.: 0.005 min  
Response: 5945988  
Conc: 85.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BFH39



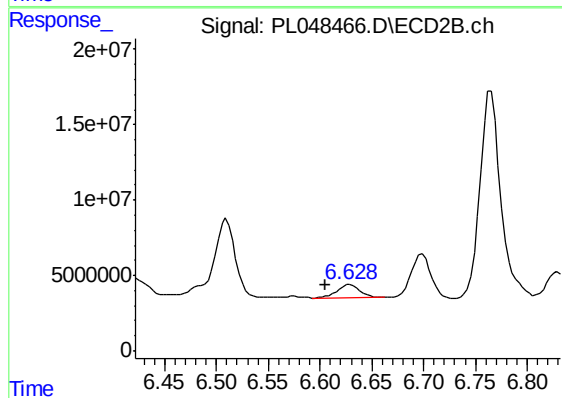
#22 Toxaphene-1

R.T.: 6.351 min  
Delta R.T.: 0.034 min  
Response: 7451985  
Conc: 489.93 ng/ml



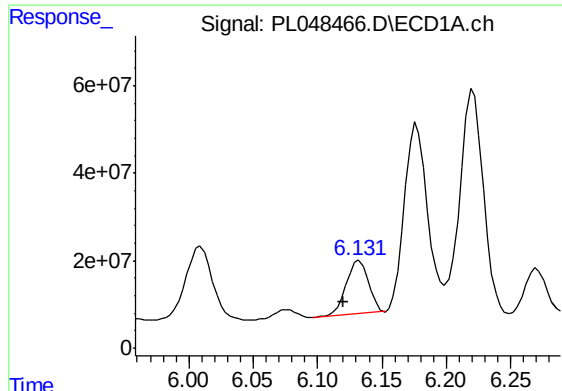
#23 Toxaphene-2

R.T.: 5.686 min  
Delta R.T.: 0.005 min  
Response: 255747288  
Conc: 3187.77 ng/ml



#23 Toxaphene-2

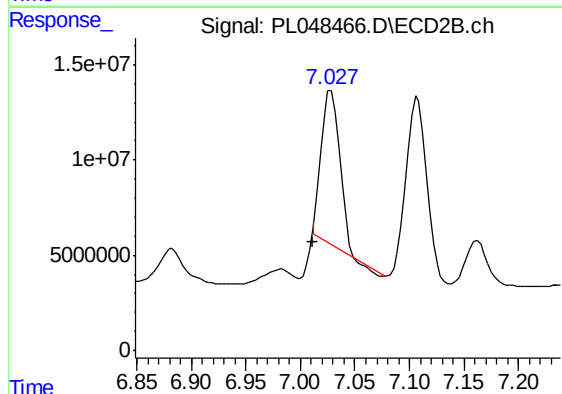
R.T.: 6.629 min  
Delta R.T.: 0.024 min  
Response: 12945230  
Conc: 723.39 ng/ml



#24 Toxaphene-3

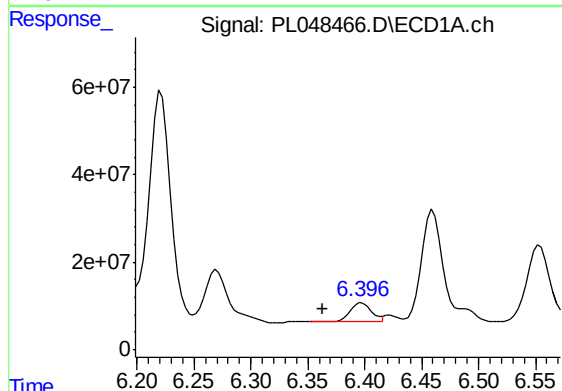
R.T.: 6.133 min  
Delta R.T.: 0.013 min  
Response: 148778793  
Conc: 763.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BFH39



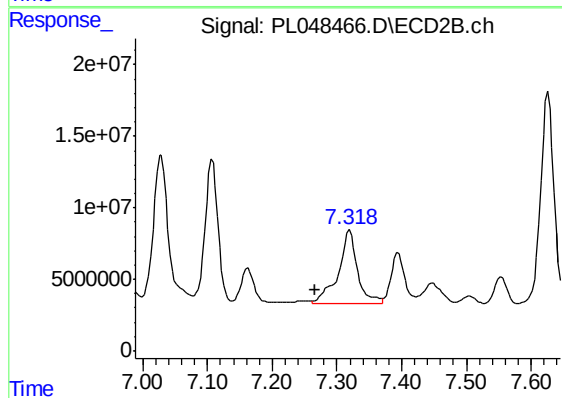
#24 Toxaphene-3

R.T.: 7.028 min  
Delta R.T.: 0.017 min  
Response: 95472704  
Conc: 4053.28 ng/ml



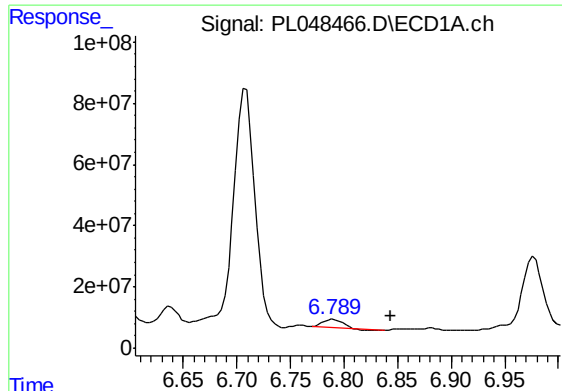
#25 Toxaphene-4

R.T.: 6.398 min  
Delta R.T.: 0.035 min  
Response: 58322340  
Conc: 298.99 ng/ml



#25 Toxaphene-4

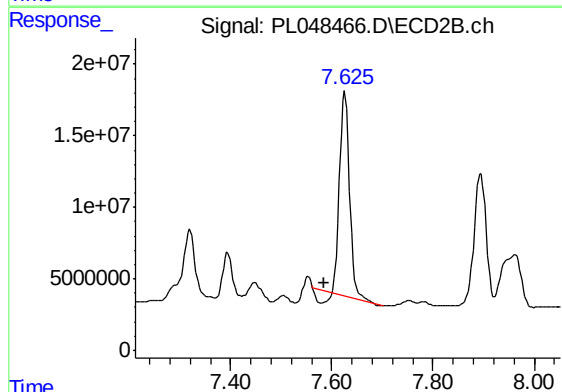
R.T.: 7.319 min  
Delta R.T.: 0.054 min  
Response: 103193854  
Conc: 5156.07 ng/ml



#26 Toxaphene-5

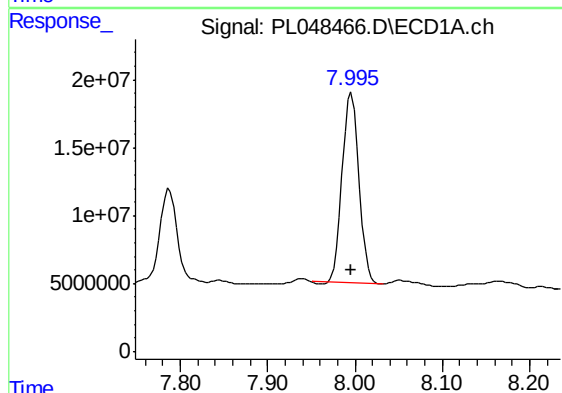
R.T.: 6.790 min  
Delta R.T.: -0.053 min  
Response: 31670578  
Conc: 137.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
BFH39



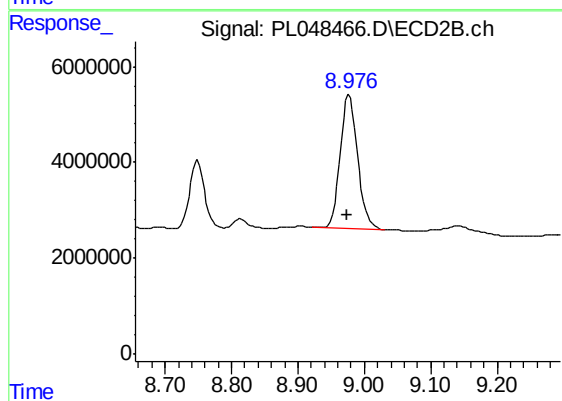
#26 Toxaphene-5

R.T.: 7.626 min  
Delta R.T.: 0.040 min  
Response: 183233349  
Conc: 5564.65 ng/ml



#27 Decachlorobiphenyl

R.T.: 7.996 min  
Delta R.T.: 0.000 min  
Response: 185366828  
Conc: 17.40 ng/ml



#27 Decachlorobiphenyl

R.T.: 8.977 min  
Delta R.T.: 0.002 min  
Response: 50820295  
Conc: 18.64 ng/ml