

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041719\  
 Data File : PL047517.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Apr 2019 19:23  
 Operator : AJ\SJ  
 Sample : K2444-03  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 FK-GF-02-037-B

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 18 01:16:56 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032219.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 22 13:40:08 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... | 3.357  | 3.976  | 132.9E6  | 45259852 | 18.272 | 19.768  |
| 28)                         | SA Decachlor... | 8.032  | 9.027  | 149.3E6  | 46491961 | 17.752 | 20.053  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 4)                          | MA Heptachlor   | 4.349  | 5.156  | 8822782  | 932531   | 0.800  | 0.303 # |
| 6)                          | B beta-BHC      | 4.349f | 0.000  | 8822782  | 0        | 1.960  | N.D. #  |
| 8)                          | B Heptachlo...  | 0.000  | 5.835f | 0        | 3554609  | N.D.   | 1.348 # |
| 9)                          | A Endosulfan I  | 5.390f | 0.000  | 3777502  | 0        | 0.402  | N.D. #  |
| 10)                         | B gamma-Chl...  | 5.249  | 6.080  | 52113631 | 15365767 | 5.073  | 5.414   |
| 11)                         | B alpha-Chl...  | 5.305  | 6.153  | 45877209 | 19654021 | 4.525  | 6.929 # |
| 12)                         | B 4,4'-DDE      | 5.472  | 6.309  | 6420334  | 3701995  | 0.697  | 1.491 # |
| 13)                         | MA Dieldrin     | 5.613  | 6.451f | 16836378 | 3911597  | 1.678  | 1.443   |
| 14)                         | MA Endrin       | 5.852  | 0.000  | 5360865  | 0        | 0.569  | N.D. #  |
| 15)                         | B Endosulfa...  | 6.128  | 6.870f | 10328834 | 1234562  | 1.153  | 0.512 # |
| 16)                         | A 4,4'-DDD      | 0.000  | 6.804  | 0        | 11571103 | N.D.   | 5.751 # |
| 17)                         | MA 4,4'-DDT     | 6.214  | 0.000  | 33183778 | 0        | 4.381  | N.D. #  |
| 18)                         | B Endrin al...  | 6.305  | 0.000  | 10834979 | 0        | 1.446  | N.D. #  |
| 19)                         | B Endosulfa...  | 6.496f | 0.000  | 19507519 | 0        | 2.376  | N.D. #  |
| 21)                         | B Endrin ke...  | 7.012f | 0.000  | 10172745 | 0        | 1.100  | N.D. #  |
| 23)                         | Chlordane-1     | 4.201  | 4.966  | 13113531 | 3454432  | 38.994 | 31.921  |
| 24)                         | Chlordane-2     | 4.693  | 5.435  | 14220969 | 5174822  | 37.481 | 44.301  |
| 25)                         | Chlordane-3     | 5.249  | 6.080  | 52113631 | 15365767 | 46.794 | 40.302  |
| 26)                         | Chlordane-4     | 5.305  | 6.153  | 45877209 | 19654021 | 44.366 | 42.594  |
| 27)                         | Chlordane-5     | 6.128  | 6.955  | 10328834 | 347186   | 30.266 | 3.865 # |
| -----                       |                 |        |        |          |          |        |         |

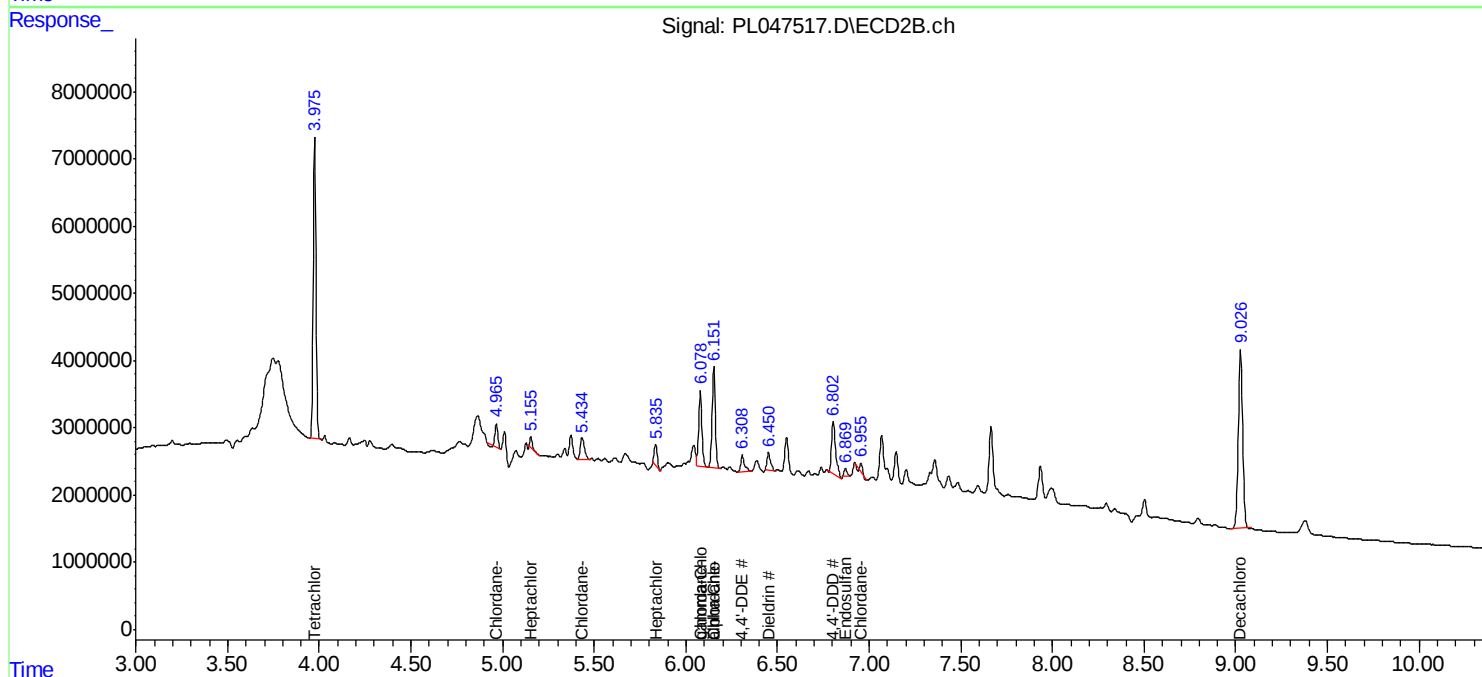
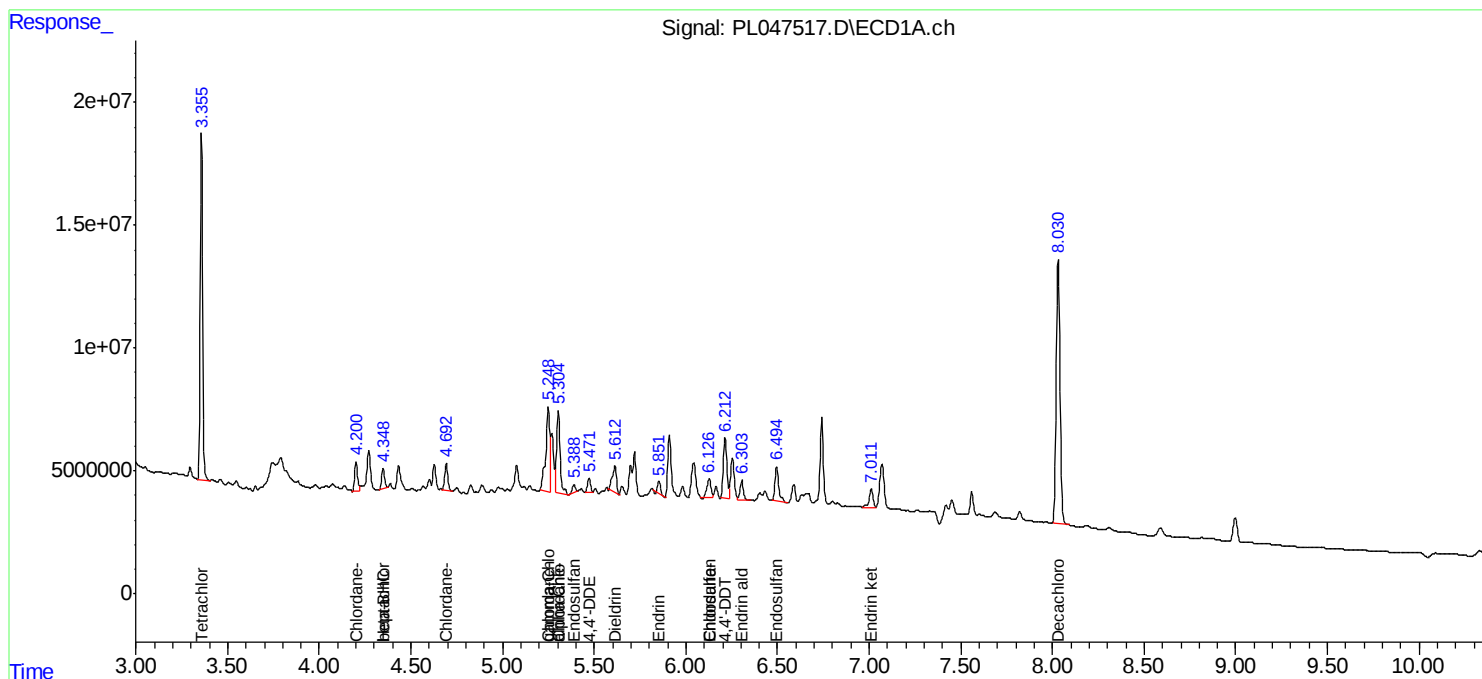
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

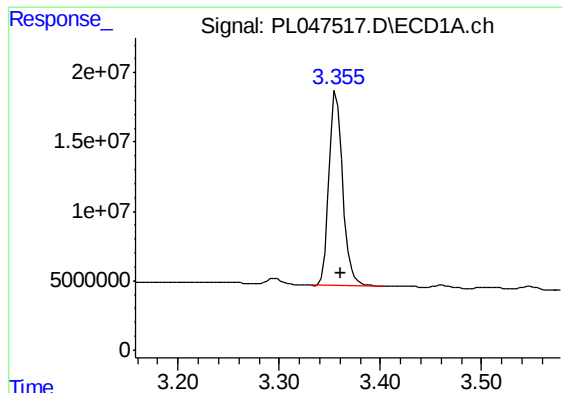
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041719\  
Data File : PL047517.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Apr 2019 19:23  
Operator : AJ\SJ  
Sample : K2444-03  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
FK-GF-02-037-B

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 18 01:16:56 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032219.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 22 13:40:08 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

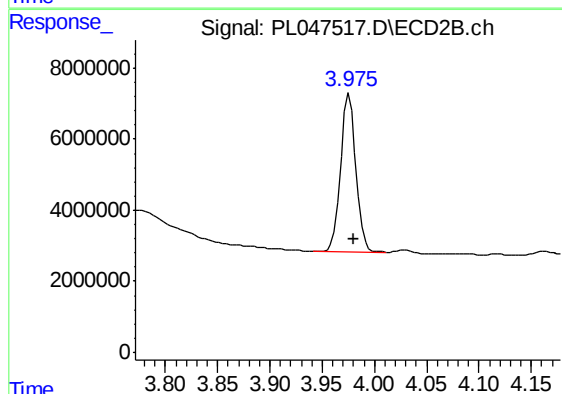




#1 Tetrachloro-m-xylene

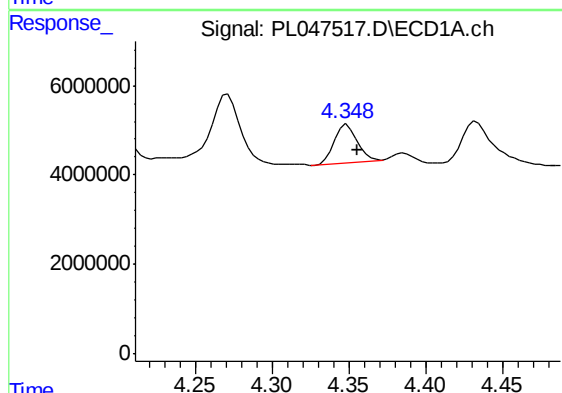
R.T.: 3.357 min  
Delta R.T.: -0.004 min  
Response: 132919428  
Conc: 18.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-GF-02-037-B



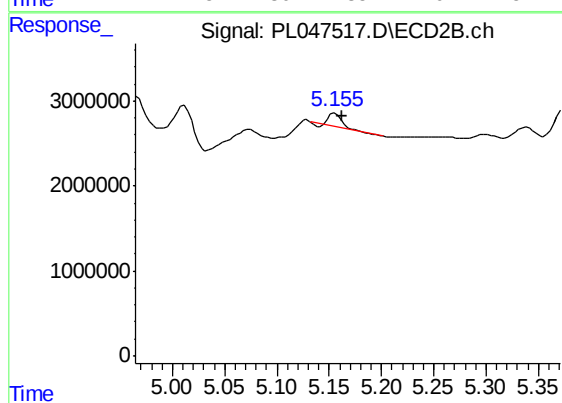
#1 Tetrachloro-m-xylene

R.T.: 3.976 min  
Delta R.T.: -0.005 min  
Response: 45259852  
Conc: 19.77 ng/ml



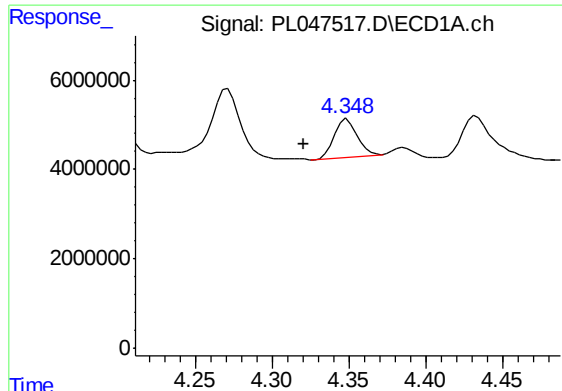
#4 Heptachlor

R.T.: 4.349 min  
Delta R.T.: -0.007 min  
Response: 8822782  
Conc: 0.80 ng/ml



#4 Heptachlor

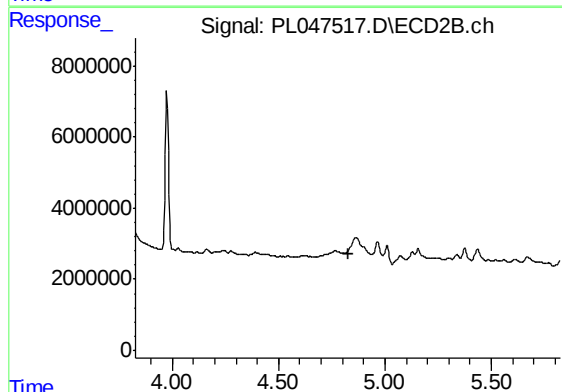
R.T.: 5.156 min  
Delta R.T.: -0.007 min  
Response: 932531  
Conc: 0.30 ng/ml



#6 beta-BHC

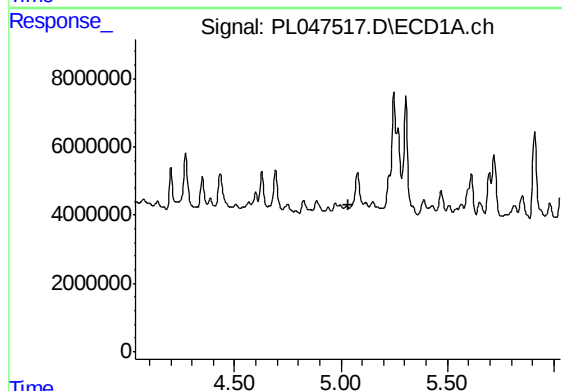
R.T.: 4.349 min  
Delta R.T.: 0.028 min  
Response: 8822782  
Conc: 1.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-GF-02-037-B



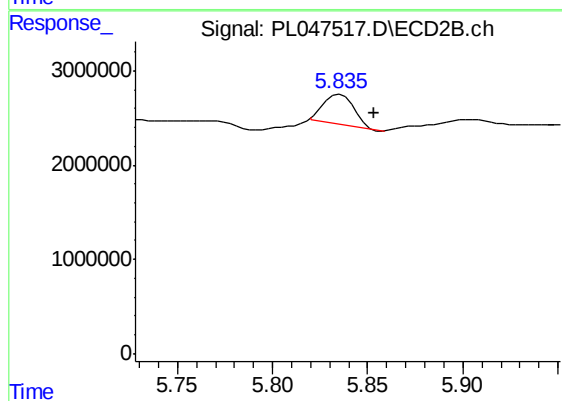
#6 beta-BHC

R.T.: 0.000 min  
Exp R.T. : 4.828 min  
Response: 0  
Conc: N.D.



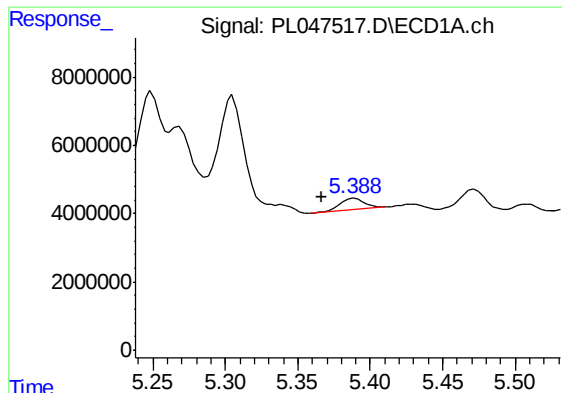
#8 Heptachlor epoxide

R.T.: 0.000 min  
Exp R.T. : 5.034 min  
Response: 0  
Conc: N.D.



#8 Heptachlor epoxide

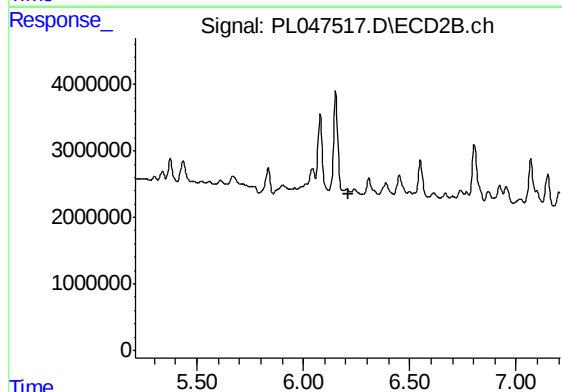
R.T.: 5.835 min  
Delta R.T.: -0.018 min  
Response: 3554609  
Conc: 1.35 ng/ml



#9 Endosulfan I

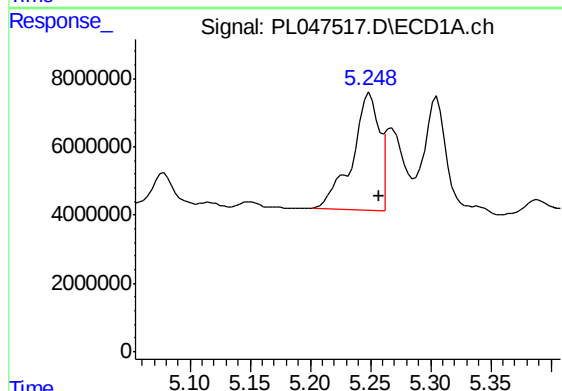
R.T.: 5.390 min  
Delta R.T.: 0.023 min  
Response: 3777502  
Conc: 0.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-GF-02-037-B



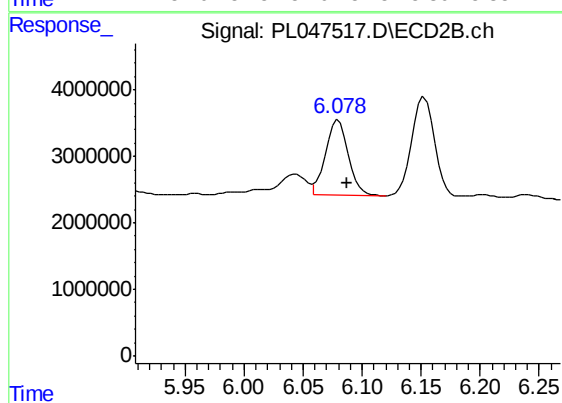
#9 Endosulfan I

R.T.: 0.000 min  
Exp R.T. : 6.210 min  
Response: 0  
Conc: N.D.



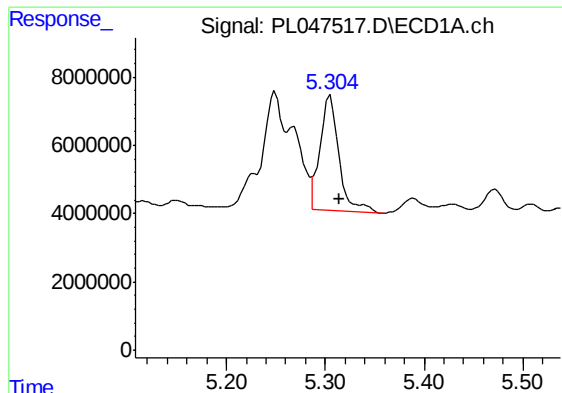
#10 gamma-Chlordane

R.T.: 5.249 min  
Delta R.T.: -0.008 min  
Response: 52113631  
Conc: 5.07 ng/ml



#10 gamma-Chlordane

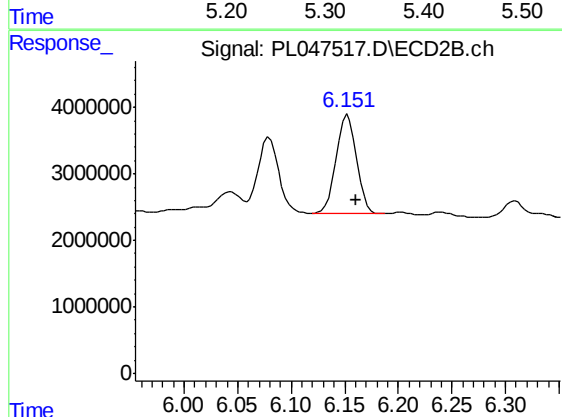
R.T.: 6.080 min  
Delta R.T.: -0.008 min  
Response: 15365767  
Conc: 5.41 ng/ml



#11 alpha-Chlordane

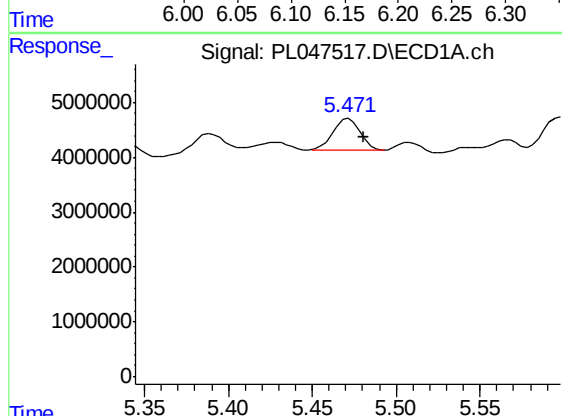
R.T.: 5.305 min  
Delta R.T.: -0.009 min  
Response: 45877209  
Conc: 4.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-GF-02-037-B



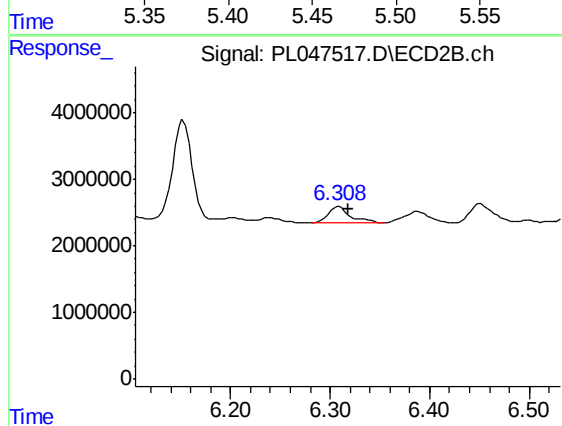
#11 alpha-Chlordane

R.T.: 6.153 min  
Delta R.T.: -0.007 min  
Response: 19654021  
Conc: 6.93 ng/ml



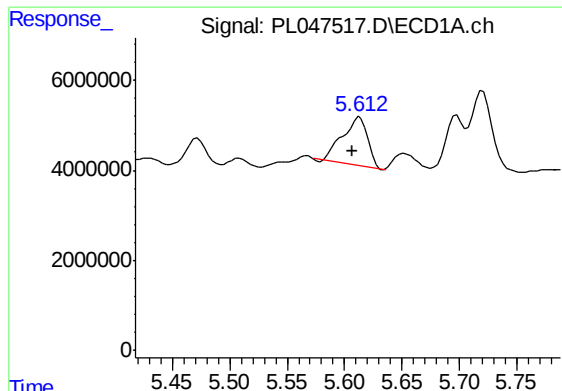
#12 4,4'-DDE

R.T.: 5.472 min  
Delta R.T.: -0.009 min  
Response: 6420334  
Conc: 0.70 ng/ml



#12 4,4'-DDE

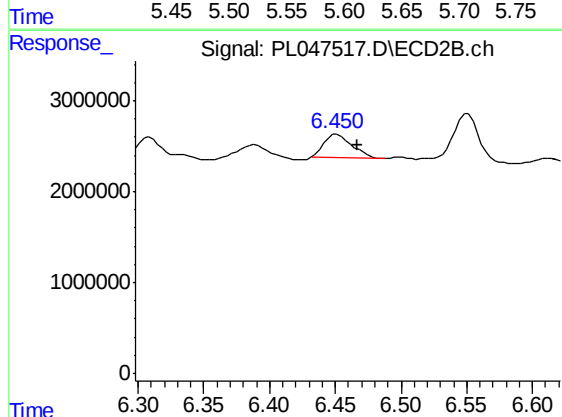
R.T.: 6.309 min  
Delta R.T.: -0.009 min  
Response: 3701995  
Conc: 1.49 ng/ml



#13 Dieldrin

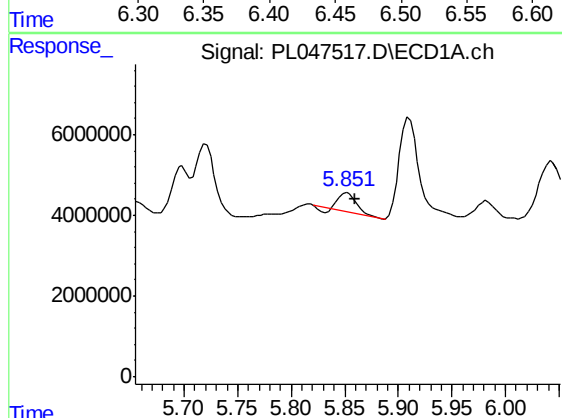
R.T.: 5.613 min  
Delta R.T.: 0.007 min  
Response: 16836378  
Conc: 1.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-GF-02-037-B



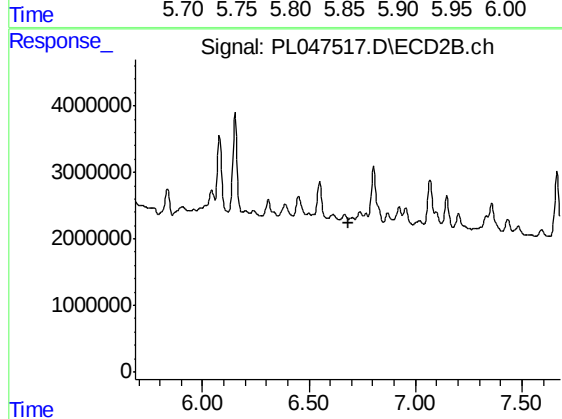
#13 Dieldrin

R.T.: 6.451 min  
Delta R.T.: -0.016 min  
Response: 3911597  
Conc: 1.44 ng/ml



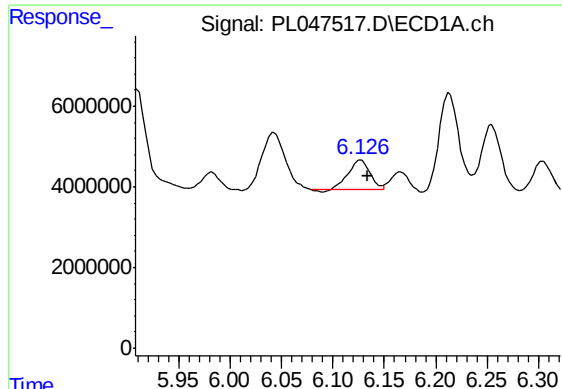
#14 Endrin

R.T.: 5.852 min  
Delta R.T.: -0.007 min  
Response: 5360865  
Conc: 0.57 ng/ml



#14 Endrin

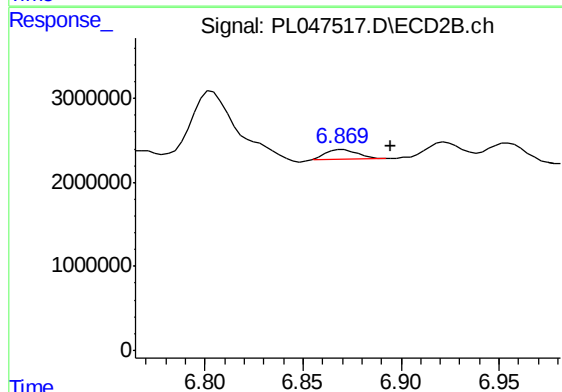
R.T.: 0.000 min  
Exp R.T. : 6.684 min  
Response: 0  
Conc: N.D.



#15 Endosulfan II

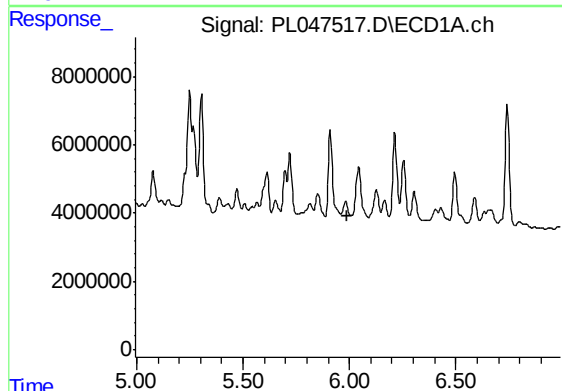
R.T.: 6.128 min  
Delta R.T.: -0.006 min  
Response: 10328834  
Conc: 1.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-GF-02-037-B



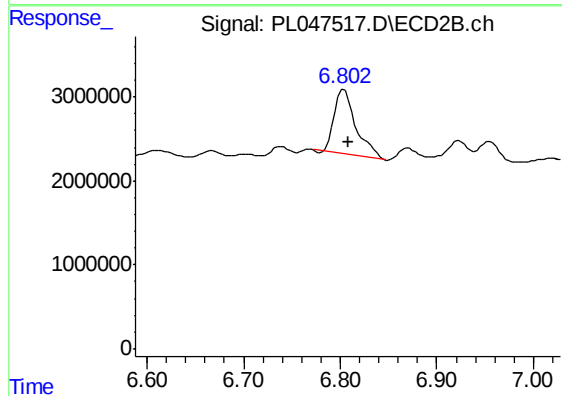
#15 Endosulfan II

R.T.: 6.870 min  
Delta R.T.: -0.024 min  
Response: 1234562  
Conc: 0.51 ng/ml



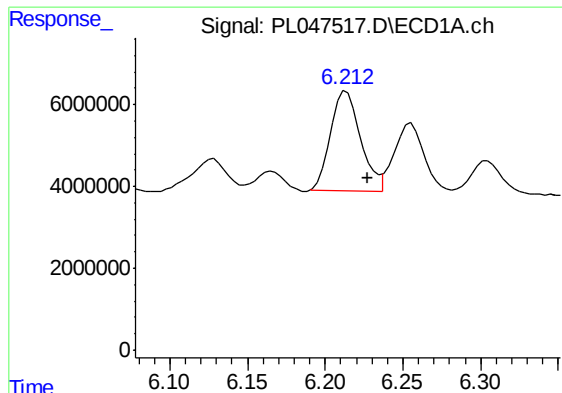
#16 4,4'-DDD

R.T.: 0.000 min  
Exp R.T. : 5.993 min  
Response: 0  
Conc: N.D.



#16 4,4'-DDD

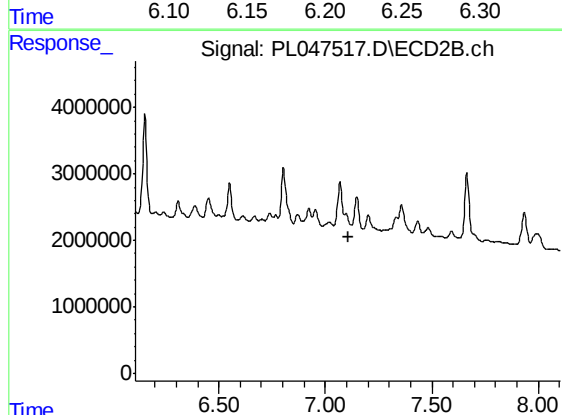
R.T.: 6.804 min  
Delta R.T.: -0.005 min  
Response: 11571103  
Conc: 5.75 ng/ml



#17 4,4'-DDT

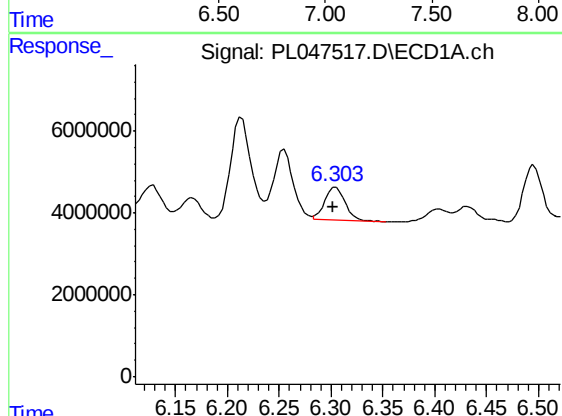
R.T.: 6.214 min  
Delta R.T.: -0.014 min  
Response: 33183778  
Conc: 4.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-GF-02-037-B



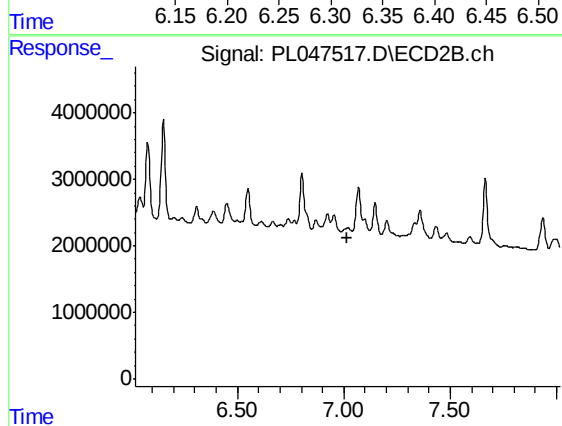
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T. : 7.107 min  
Response: 0  
Conc: N.D.



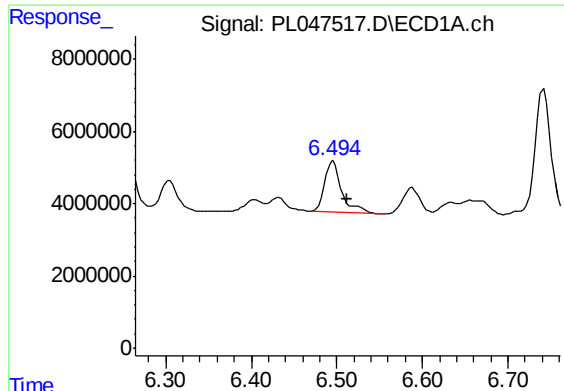
#18 Endrin aldehyde

R.T.: 6.305 min  
Delta R.T.: 0.003 min  
Response: 10834979  
Conc: 1.45 ng/ml



#18 Endrin aldehyde

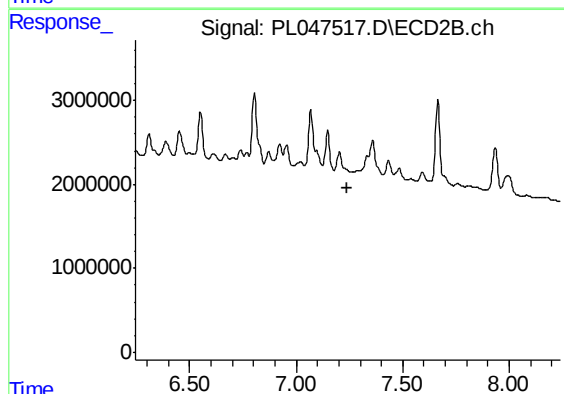
R.T.: 0.000 min  
Exp R.T. : 7.019 min  
Response: 0  
Conc: N.D.



#19 Endosulfan Sulfate

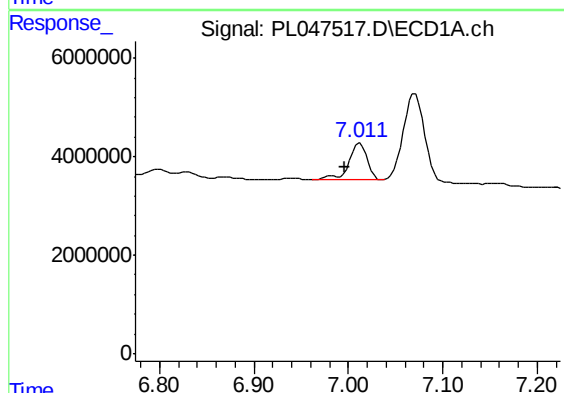
R.T.: 6.496 min  
Delta R.T.: -0.017 min  
Response: 19507519  
Conc: 2.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-GF-02-037-B



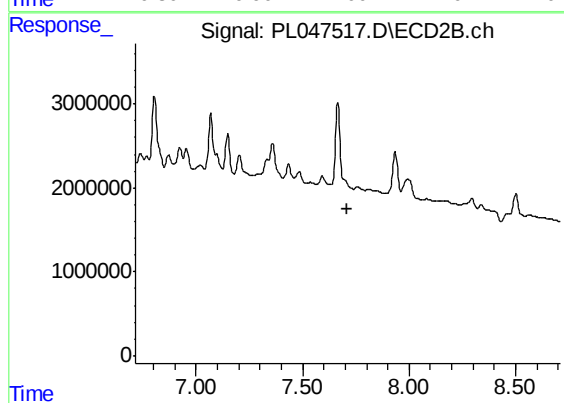
#19 Endosulfan Sulfate

R.T.: 0.000 min  
Exp R.T. : 7.242 min  
Response: 0  
Conc: N.D.



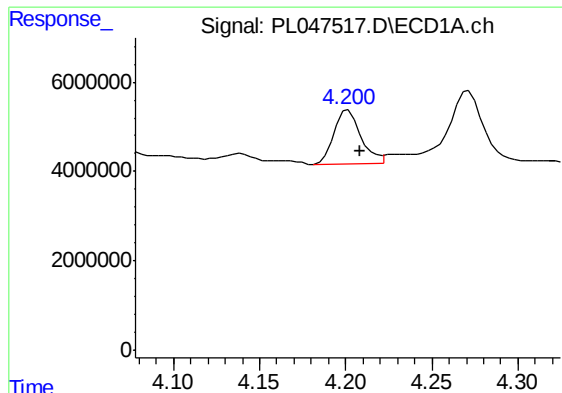
#21 Endrin ketone

R.T.: 7.012 min  
Delta R.T.: 0.016 min  
Response: 10172745  
Conc: 1.10 ng/ml



#21 Endrin ketone

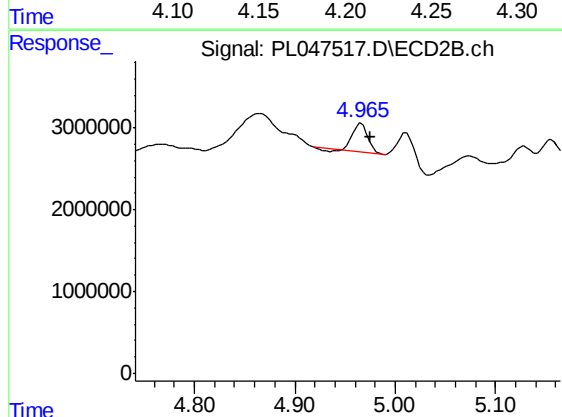
R.T.: 0.000 min  
Exp R.T. : 7.712 min  
Response: 0  
Conc: N.D.



#23 Chlordane-1

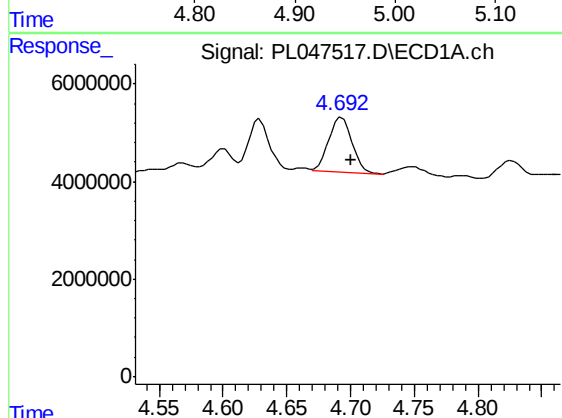
R.T.: 4.201 min  
Delta R.T.: -0.007 min  
Response: 13113531  
Conc: 38.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-GF-02-037-B



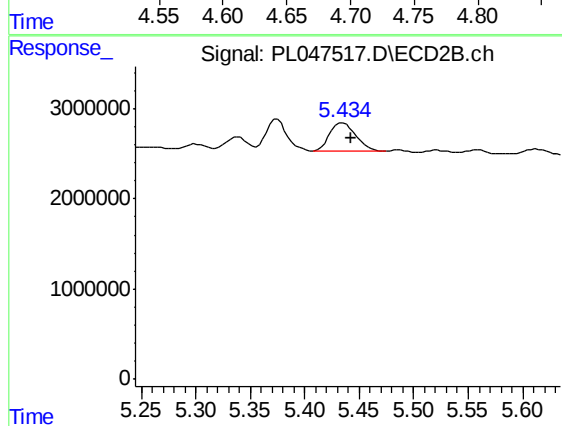
#23 Chlordane-1

R.T.: 4.966 min  
Delta R.T.: -0.009 min  
Response: 3454432  
Conc: 31.92 ng/ml



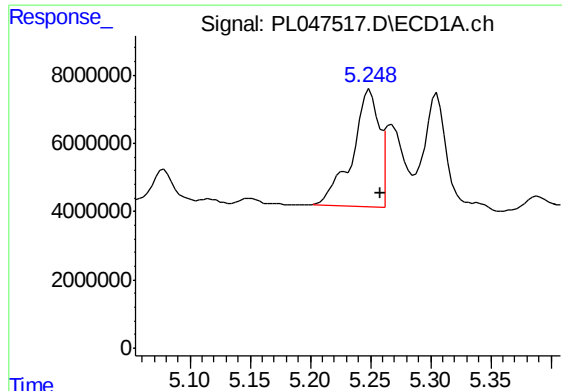
#24 Chlordane-2

R.T.: 4.693 min  
Delta R.T.: -0.007 min  
Response: 14220969  
Conc: 37.48 ng/ml



#24 Chlordane-2

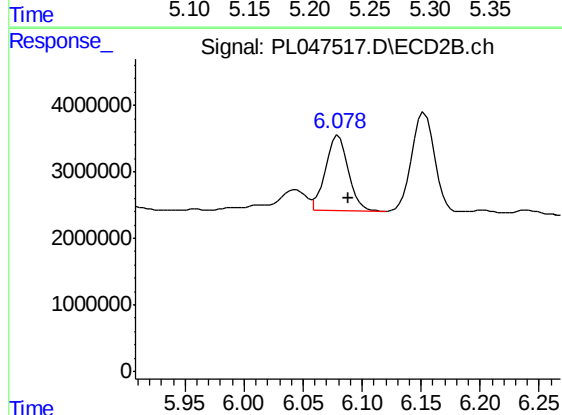
R.T.: 5.435 min  
Delta R.T.: -0.008 min  
Response: 5174822  
Conc: 44.30 ng/ml



#25 Chlordane-3

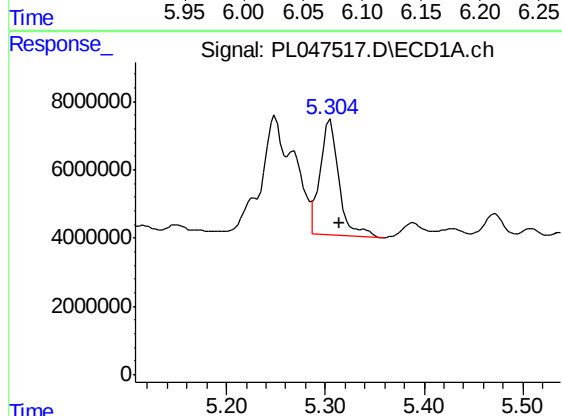
R.T.: 5.249 min  
Delta R.T.: -0.009 min  
Response: 52113631  
Conc: 46.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-GF-02-037-B



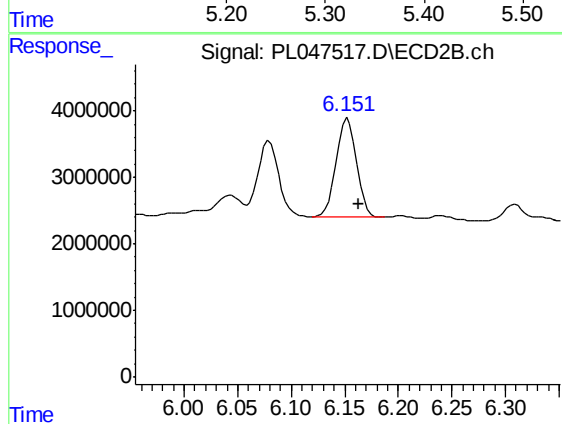
#25 Chlordane-3

R.T.: 6.080 min  
Delta R.T.: -0.009 min  
Response: 15365767  
Conc: 40.30 ng/ml



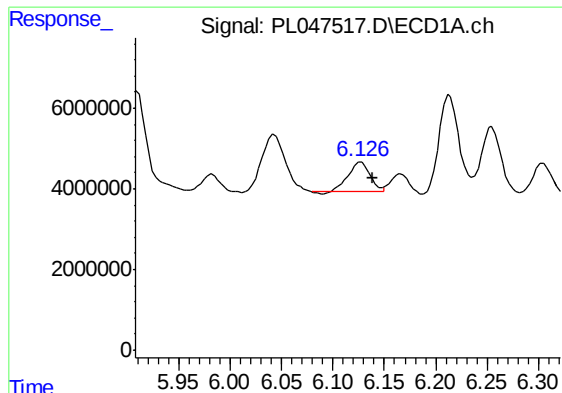
#26 Chlordane-4

R.T.: 5.305 min  
Delta R.T.: -0.009 min  
Response: 45877209  
Conc: 44.37 ng/ml



#26 Chlordane-4

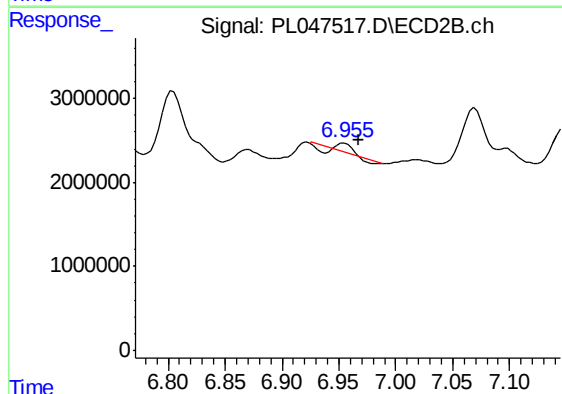
R.T.: 6.153 min  
Delta R.T.: -0.010 min  
Response: 19654021  
Conc: 42.59 ng/ml



#27 Chlordane-5

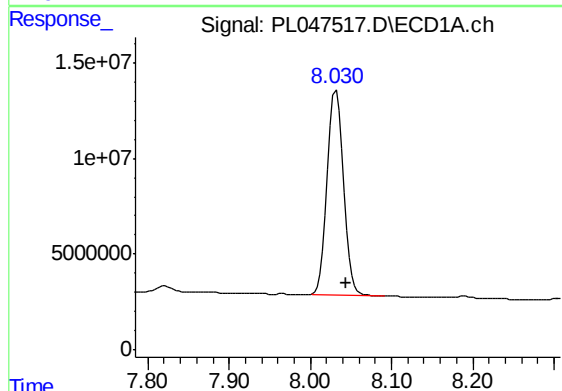
R.T.: 6.128 min  
Delta R.T.: -0.012 min  
Response: 10328834  
Conc: 30.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
FK-GF-02-037-B



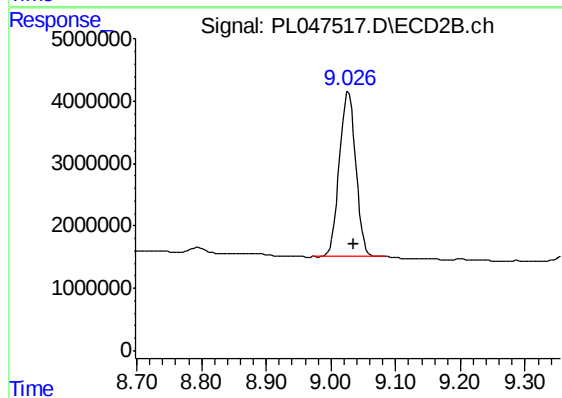
#27 Chlordane-5

R.T.: 6.955 min  
Delta R.T.: -0.013 min  
Response: 347186  
Conc: 3.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.032 min  
Delta R.T.: -0.012 min  
Response: 149312247  
Conc: 17.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.027 min  
Delta R.T.: -0.008 min  
Response: 46491961  
Conc: 20.05 ng/ml