

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041819\  
 Data File : PL047575.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Apr 2019 16:53  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 19 01:13:24 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... | 3.358 | 3.976  | 399.6E6 | 126.2E6  | 54.928   | 55.126     |
| 28)                         | SA Decachlor... | 8.033 | 9.028  | 356.0E6 | 110.5E6  | 42.329   | 47.669     |
| Target Compounds            |                 |       |        |         |          |          |            |
| 2)                          | A alpha-BHC     | 3.787 | 4.366  | 661.4E6 | 181.0E6  | 56.715   | 56.322     |
| 3)                          | MA gamma-BHC... | 4.064 | 4.650  | 594.6E6 | 165.9E6  | 55.339   | 55.428     |
| 4)                          | MA Heptachlor   | 4.350 | 5.156  | 588.1E6 | 161.7E6  | 53.340   | 52.557     |
| 5)                          | MB Aldrin       | 4.590 | 5.460  | 558.4E6 | 153.2E6  | 54.133   | 53.485     |
| 6)                          | B beta-BHC      | 4.317 | 4.823  | 239.2E6 | 72865027 | 53.133   | 54.964     |
| 7)                          | B delta-BHC     | 4.512 | 5.039  | 560.4E6 | 140.6E6  | 55.361   | 60.587     |
| 8)                          | B Heptachlor... | 5.027 | 5.846  | 509.4E6 | 137.7E6  | 52.232   | 52.199     |
| 9)                          | A Endosulfan I  | 5.359 | 6.202  | 479.1E6 | 133.6E6  | 50.952   | 51.201     |
| 10)                         | B gamma-Chl...  | 5.250 | 6.081  | 527.5E6 | 146.7E6  | 51.352   | 51.674     |
| 11)                         | B alpha-Chl...  | 5.306 | 6.152  | 513.1E6 | 145.3E6  | 50.610   | 51.207     |
| 12)                         | B 4,4'-DDE      | 5.473 | 6.311  | 463.8E6 | 127.2E6  | 50.377   | 51.229     |
| 13)                         | MA Dieldrin     | 5.598 | 6.459  | 507.9E6 | 136.0E6  | 50.611   | 50.172     |
| 14)                         | MA Endrin       | 5.851 | 6.677  | 413.3E6 | 104.8E6  | 43.875   | 43.872     |
| 15)                         | B Endosulfa...  | 6.126 | 6.887  | 435.8E6 | 119.6E6  | 48.644   | 49.568     |
| 16)                         | A 4,4'-DDD      | 5.984 | 6.801  | 397.6E6 | 105.9E6  | 52.605   | 52.628     |
| 17)                         | MA 4,4'-DDT     | 6.219 | 7.099  | 337.7E6 | 91741436 | 44.590   | 43.750     |
| 18)                         | B Endrin al...  | 6.293 | 7.011  | 365.4E6 | 104.8E6  | 48.754   | 49.362     |
| 19)                         | B Endosulfa...  | 6.504 | 7.234  | 381.2E6 | 112.1E6  | 46.430   | 47.538     |
| 20)                         | A Methoxychlor  | 6.764 | 7.558  | 172.1E6 | 53827786 | 40.504   | 42.225     |
| 21)                         | B Endrin ke...  | 6.988 | 7.704  | 447.8E6 | 123.4E6  | 48.433   | 49.653     |
| 22)                         | Mirex           | 7.163 | 8.155  | 310.6E6 | 94195634 | 42.626   | 47.094     |
| 24)                         | Chlordane-2     | 0.000 | 5.460f | 0       | 153.2E6  | N.D.     | 1311.824 # |
| 25)                         | Chlordane-3     | 5.250 | 6.081  | 527.5E6 | 146.7E6  | 473.675  | 384.649    |
| 26)                         | Chlordane-4     | 5.306 | 6.152  | 513.1E6 | 145.3E6  | 496.239  | 314.803 #  |
| 27)                         | Chlordane-5     | 6.126 | 0.000  | 435.8E6 | 0        | 1277.097 | N.D. #     |
| -----                       |                 |       |        |         |          |          |            |

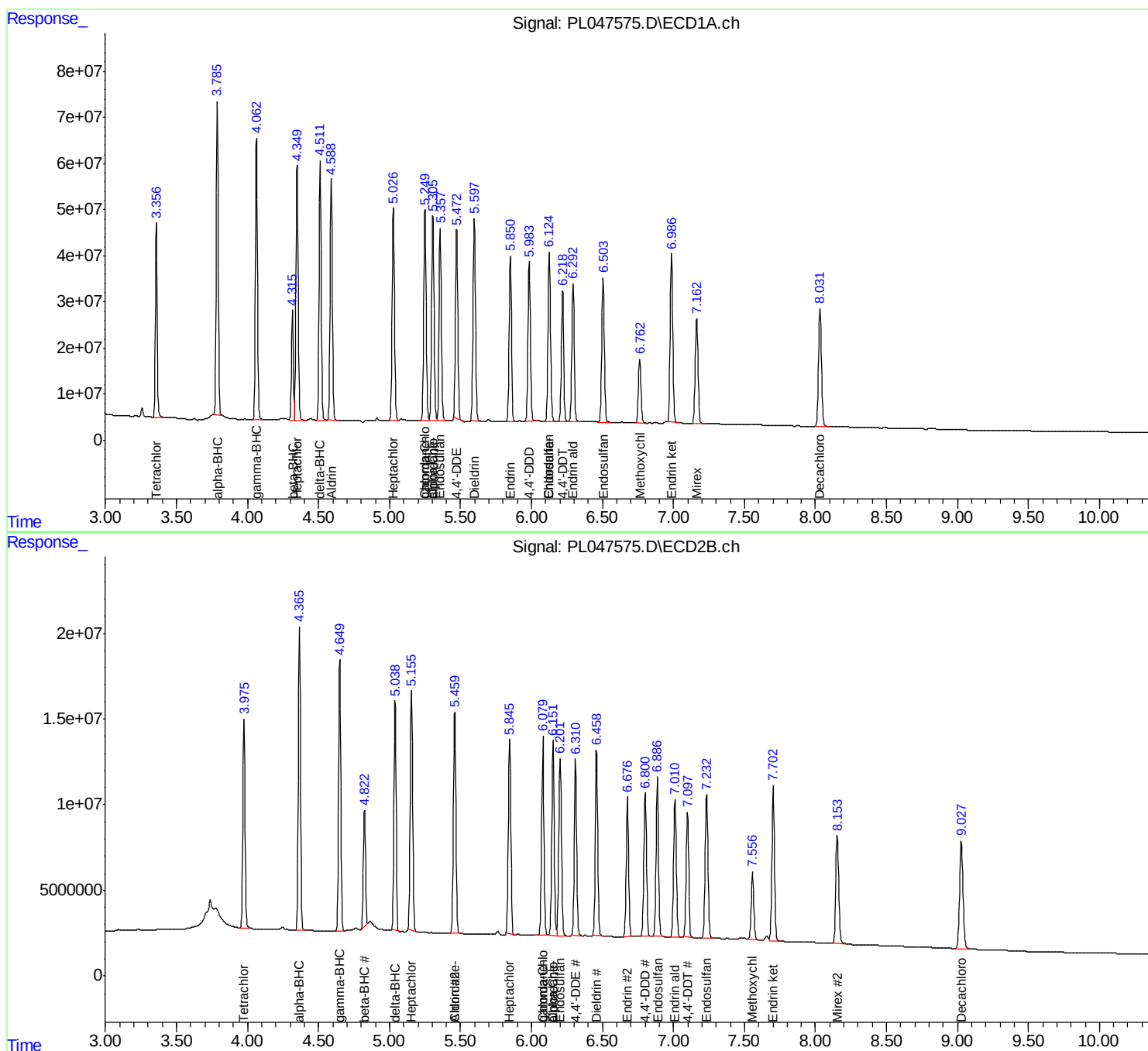
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

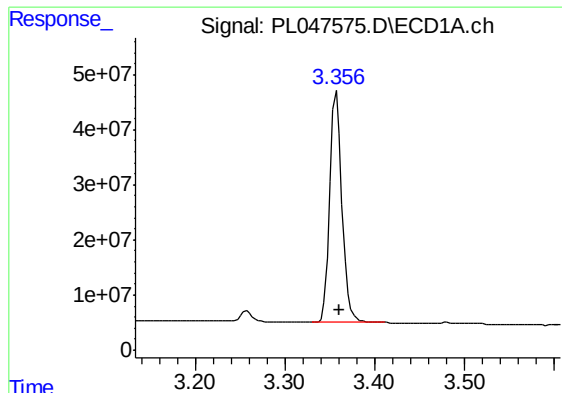
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041819\  
Data File : PL047575.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Apr 2019 16:53  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 19 01:13:24 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

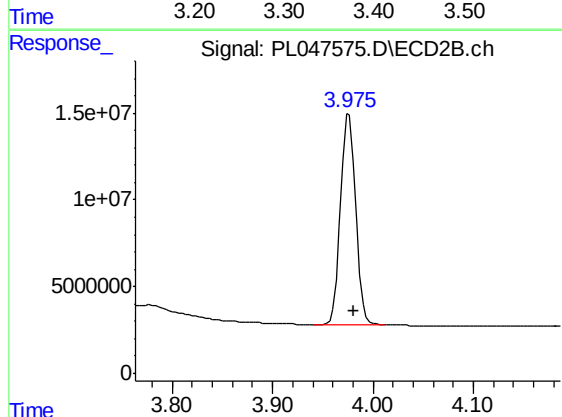




#1 Tetrachloro-m-xylene

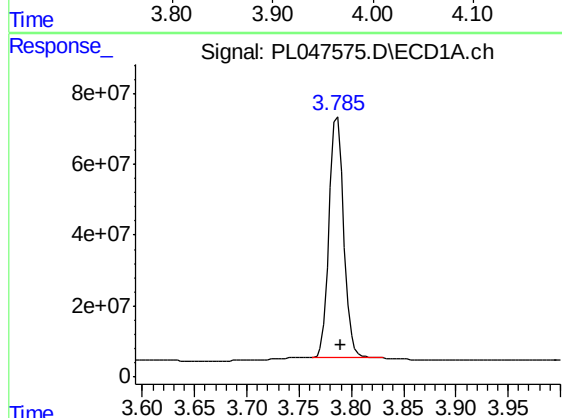
R.T.: 3.358 min  
Delta R.T.: -0.003 min  
Response: 399582858  
Conc: 54.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



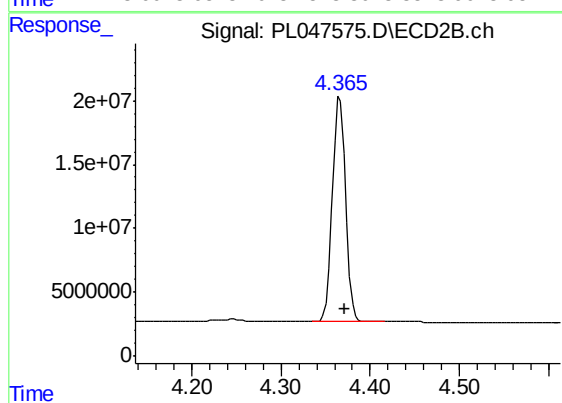
#1 Tetrachloro-m-xylene

R.T.: 3.976 min  
Delta R.T.: -0.004 min  
Response: 126216496  
Conc: 55.13 ng/ml



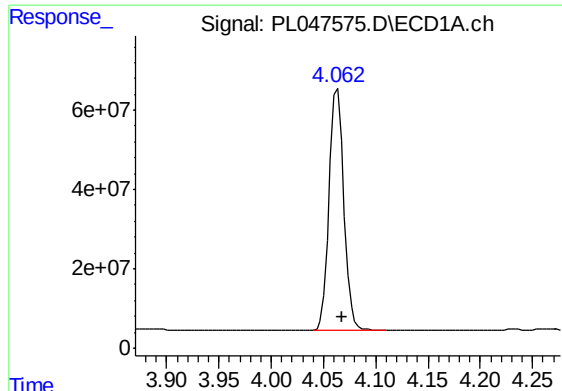
#2 alpha-BHC

R.T.: 3.787 min  
Delta R.T.: -0.004 min  
Response: 661412920  
Conc: 56.72 ng/ml



#2 alpha-BHC

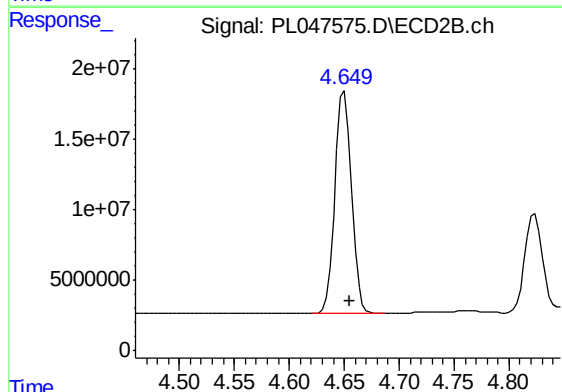
R.T.: 4.366 min  
Delta R.T.: -0.005 min  
Response: 180980552  
Conc: 56.32 ng/ml



#3 gamma-BHC (Lindane)

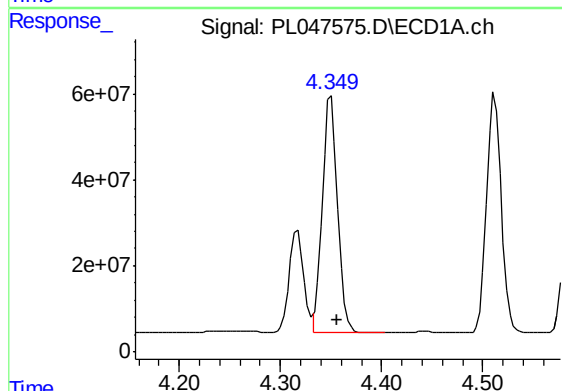
R.T.: 4.064 min  
Delta R.T.: -0.005 min  
Response: 594595938  
Conc: 55.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



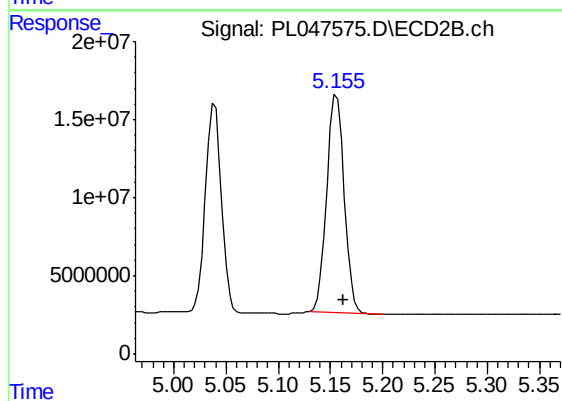
#3 gamma-BHC (Lindane)

R.T.: 4.650 min  
Delta R.T.: -0.005 min  
Response: 165896193  
Conc: 55.43 ng/ml



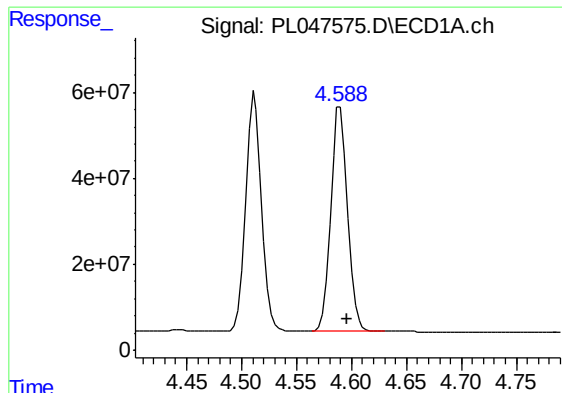
#4 Heptachlor

R.T.: 4.350 min  
Delta R.T.: -0.006 min  
Response: 588085626  
Conc: 53.34 ng/ml



#4 Heptachlor

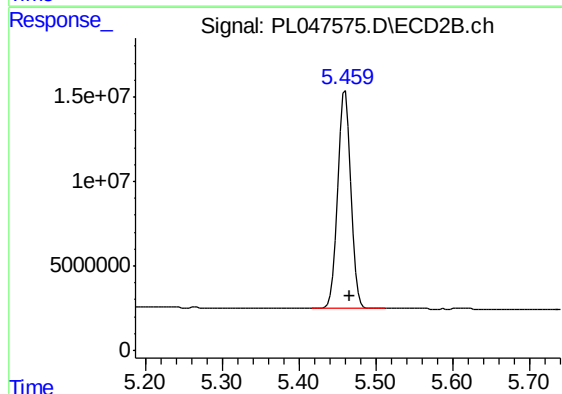
R.T.: 5.156 min  
Delta R.T.: -0.006 min  
Response: 161659661  
Conc: 52.56 ng/ml



#5 Aldrin

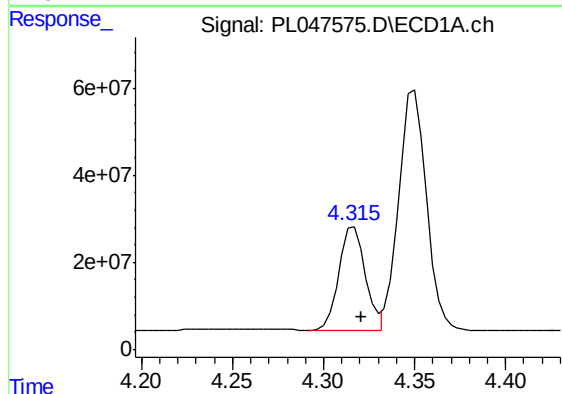
R.T.: 4.590 min  
Delta R.T.: -0.006 min  
Response: 558376877  
Conc: 54.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



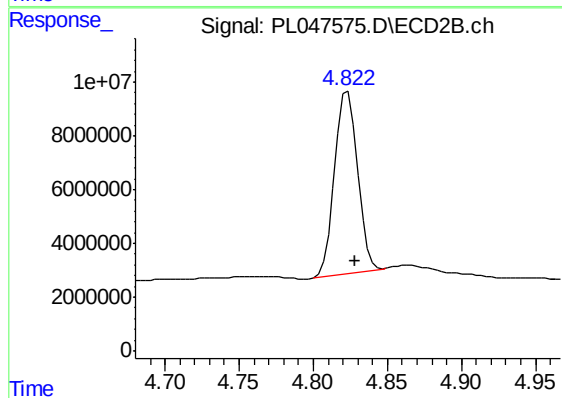
#5 Aldrin

R.T.: 5.460 min  
Delta R.T.: -0.007 min  
Response: 153233133  
Conc: 53.49 ng/ml



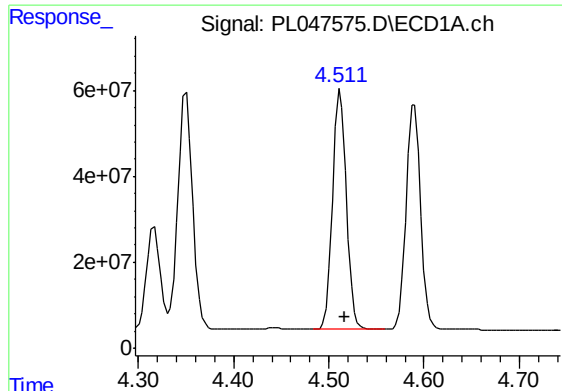
#6 beta-BHC

R.T.: 4.317 min  
Delta R.T.: -0.004 min  
Response: 239224846  
Conc: 53.13 ng/ml



#6 beta-BHC

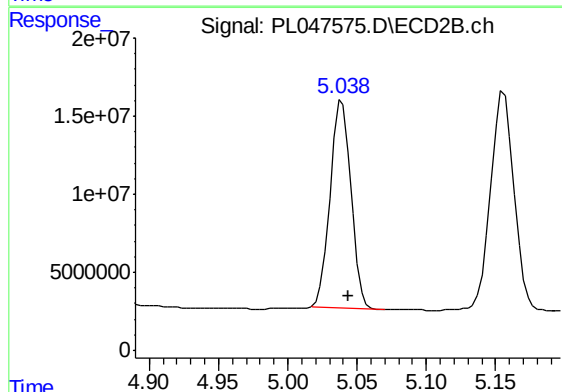
R.T.: 4.823 min  
Delta R.T.: -0.004 min  
Response: 72865027  
Conc: 54.96 ng/ml



#7 delta-BHC

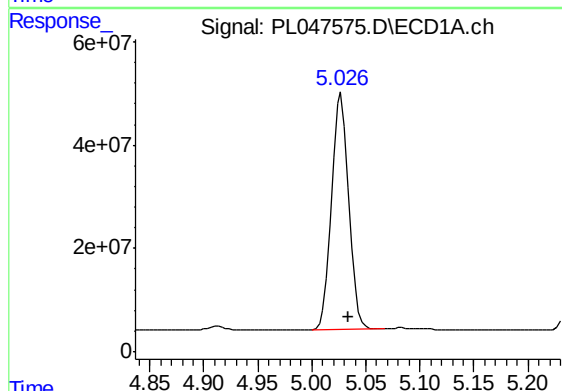
R.T.: 4.512 min  
Delta R.T.: -0.005 min  
Response: 560417597  
Conc: 55.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



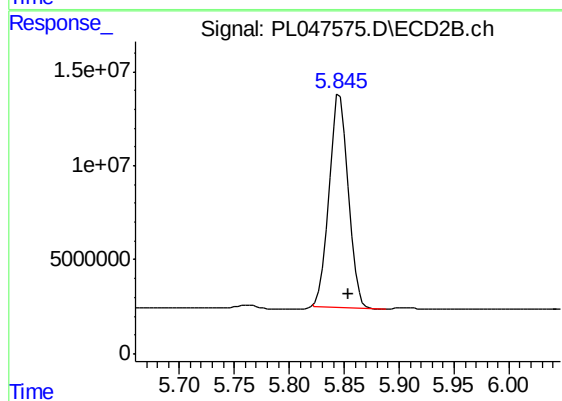
#7 delta-BHC

R.T.: 5.039 min  
Delta R.T.: -0.005 min  
Response: 140573338  
Conc: 60.59 ng/ml



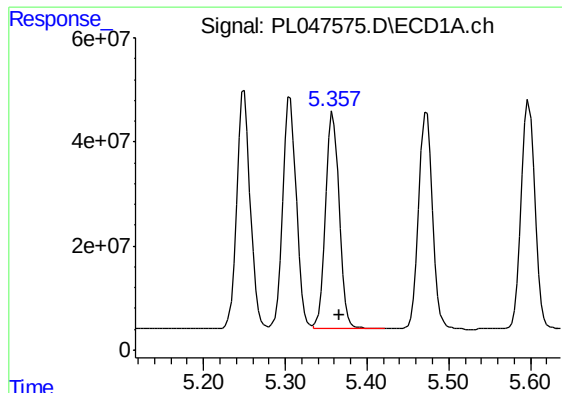
#8 Heptachlor epoxide

R.T.: 5.027 min  
Delta R.T.: -0.006 min  
Response: 509445909  
Conc: 52.23 ng/ml



#8 Heptachlor epoxide

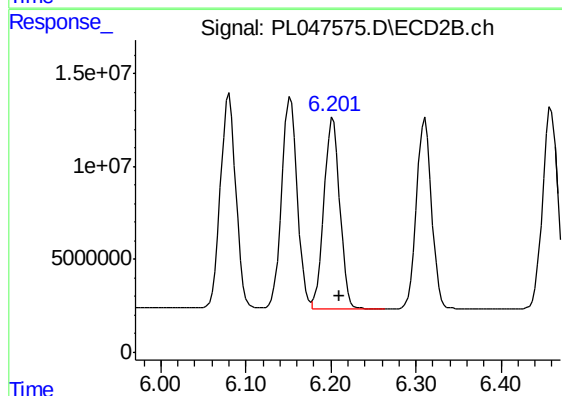
R.T.: 5.846 min  
Delta R.T.: -0.007 min  
Response: 137658312  
Conc: 52.20 ng/ml



#9 Endosulfan I

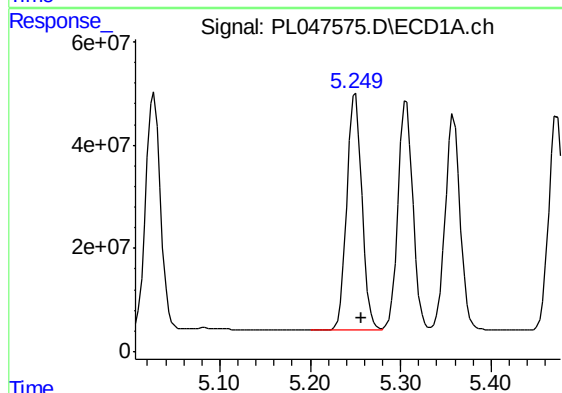
R.T.: 5.359 min  
Delta R.T.: -0.008 min  
Response: 479064715  
Conc: 50.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



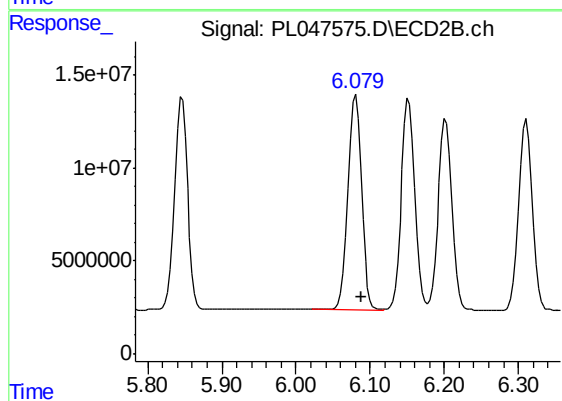
#9 Endosulfan I

R.T.: 6.202 min  
Delta R.T.: -0.008 min  
Response: 133627231  
Conc: 51.20 ng/ml



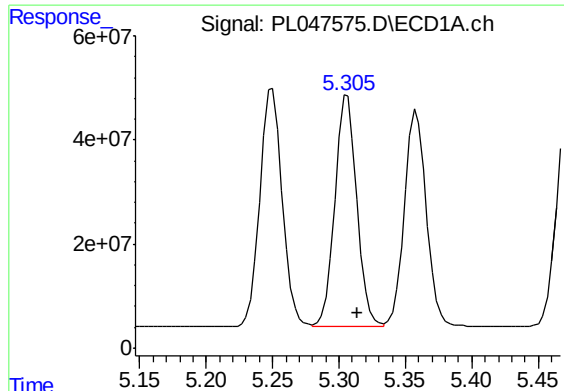
#10 gamma-Chlordane

R.T.: 5.250 min  
Delta R.T.: -0.007 min  
Response: 527519462  
Conc: 51.35 ng/ml



#10 gamma-Chlordane

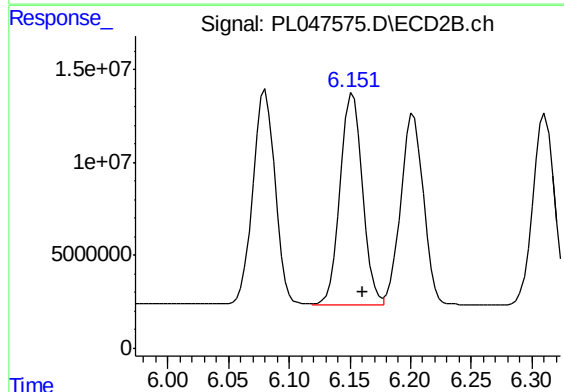
R.T.: 6.081 min  
Delta R.T.: -0.007 min  
Response: 146654353  
Conc: 51.67 ng/ml



#11 alpha-Chlordane

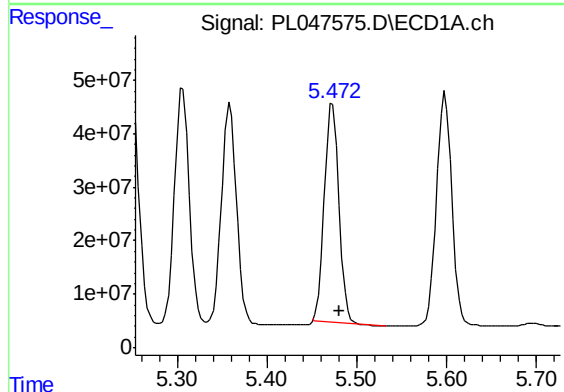
R.T.: 5.306 min  
Delta R.T.: -0.008 min  
Response: 513141035  
Conc: 50.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



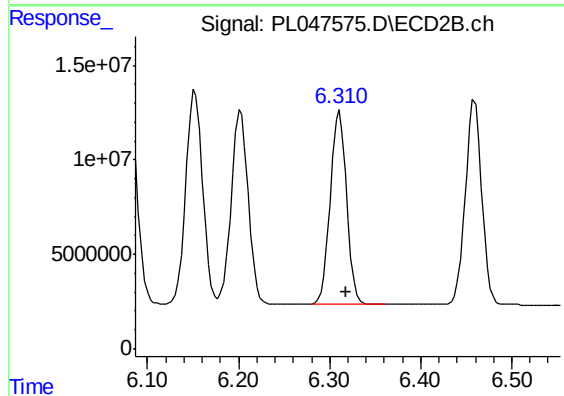
#11 alpha-Chlordane

R.T.: 6.152 min  
Delta R.T.: -0.008 min  
Response: 145258126  
Conc: 51.21 ng/ml



#12 4,4'-DDE

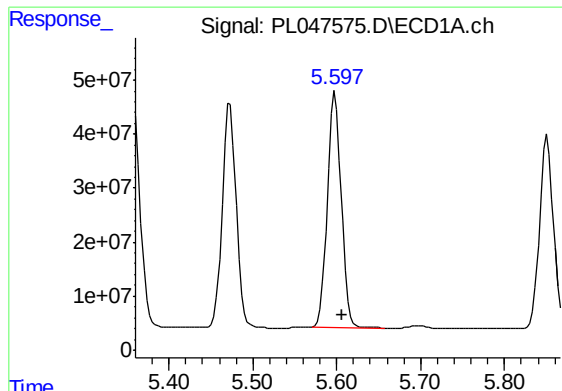
R.T.: 5.473 min  
Delta R.T.: -0.008 min  
Response: 463817493  
Conc: 50.38 ng/ml



#12 4,4'-DDE

R.T.: 6.311 min  
Delta R.T.: -0.007 min  
Response: 127168355  
Conc: 51.23 ng/ml

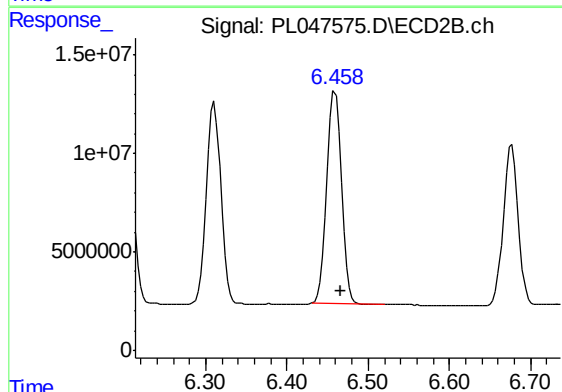




#13 Dielddrin

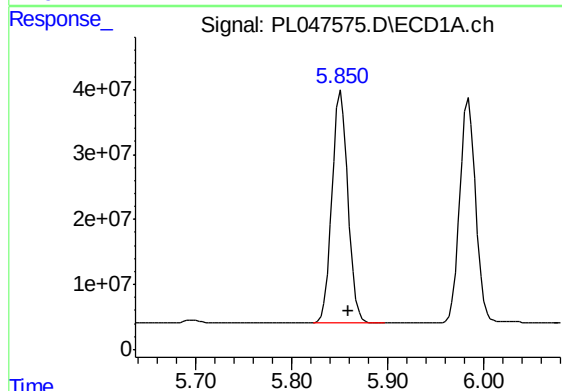
R.T.: 5.598 min  
Delta R.T.: -0.008 min  
Response: 507909211  
Conc: 50.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



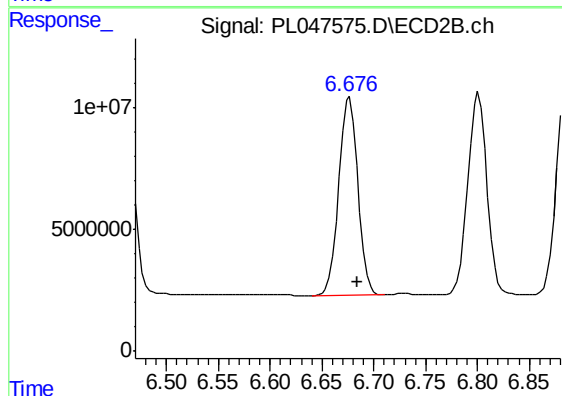
#13 Dielddrin

R.T.: 6.459 min  
Delta R.T.: -0.008 min  
Response: 135999799  
Conc: 50.17 ng/ml



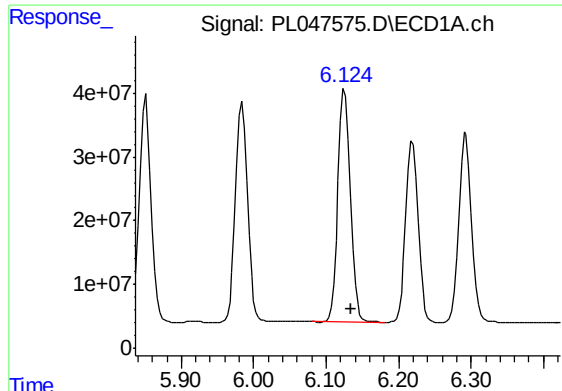
#14 Endrin

R.T.: 5.851 min  
Delta R.T.: -0.008 min  
Response: 413266727  
Conc: 43.87 ng/ml



#14 Endrin

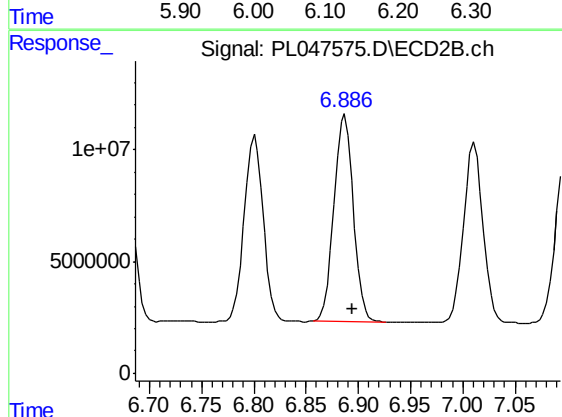
R.T.: 6.677 min  
Delta R.T.: -0.008 min  
Response: 104845183  
Conc: 43.87 ng/ml



#15 Endosulfan II

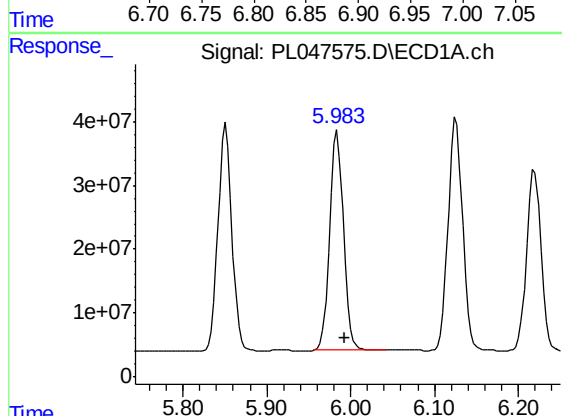
R.T.: 6.126 min  
Delta R.T.: -0.008 min  
Response: 435831154  
Conc: 48.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



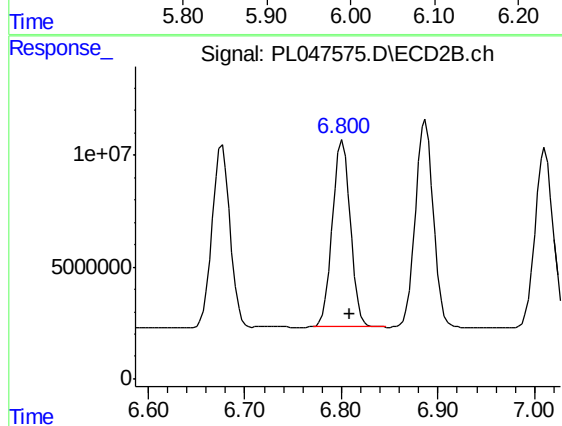
#15 Endosulfan II

R.T.: 6.887 min  
Delta R.T.: -0.007 min  
Response: 119602205  
Conc: 49.57 ng/ml



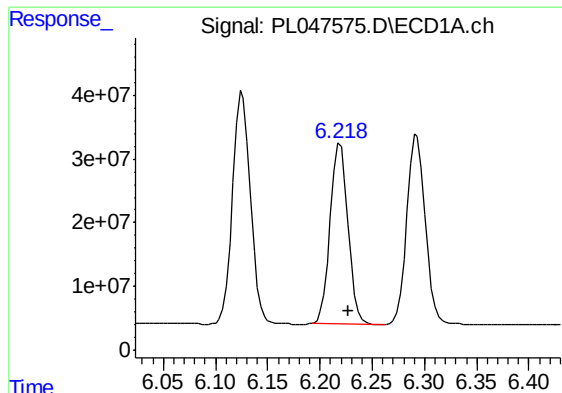
#16 4,4'-DDD

R.T.: 5.984 min  
Delta R.T.: -0.008 min  
Response: 397640970  
Conc: 52.60 ng/ml



#16 4,4'-DDD

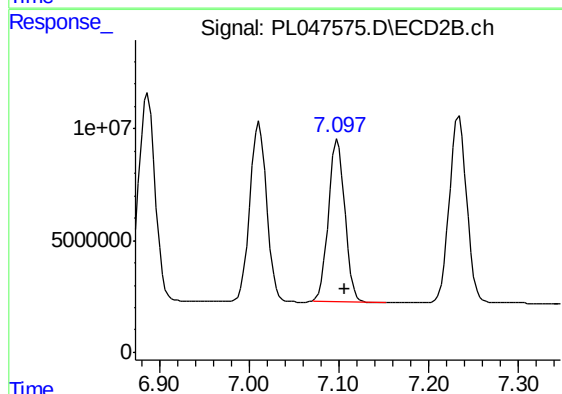
R.T.: 6.801 min  
Delta R.T.: -0.007 min  
Response: 105890209  
Conc: 52.63 ng/ml



#17 4,4'-DDT

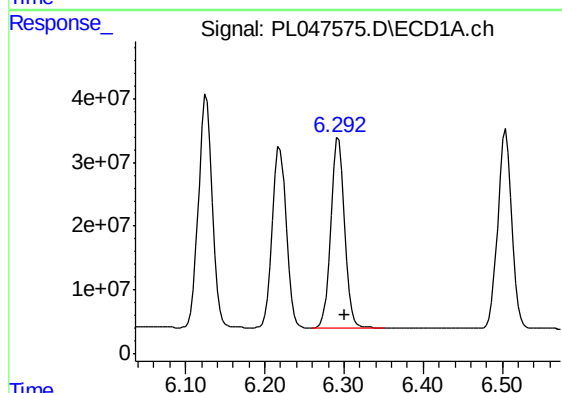
R.T.: 6.219 min  
Delta R.T.: -0.008 min  
Response: 337737656  
Conc: 44.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



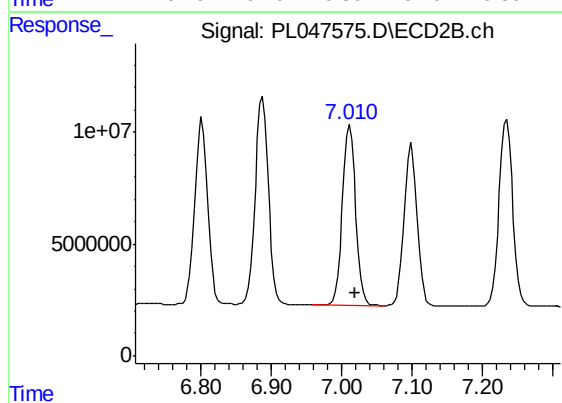
#17 4,4'-DDT

R.T.: 7.099 min  
Delta R.T.: -0.008 min  
Response: 91741436  
Conc: 43.75 ng/ml



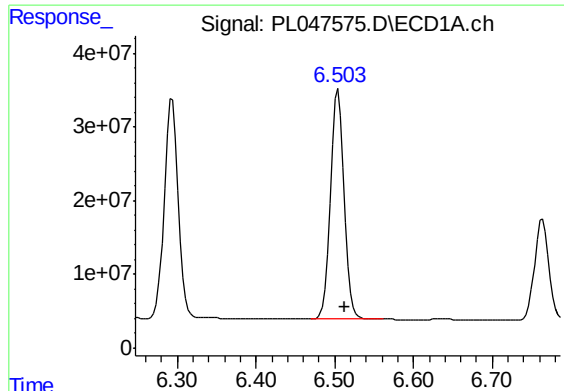
#18 Endrin aldehyde

R.T.: 6.293 min  
Delta R.T.: -0.009 min  
Response: 365417179  
Conc: 48.75 ng/ml



#18 Endrin aldehyde

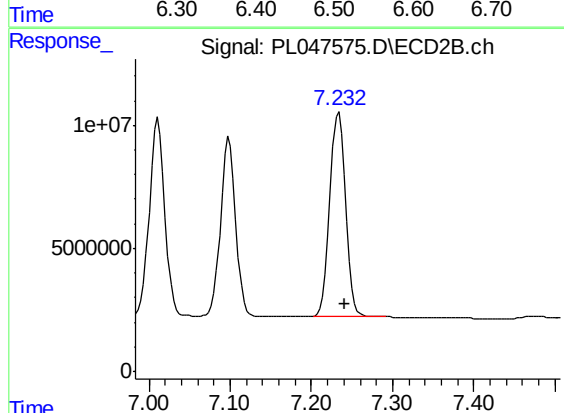
R.T.: 7.011 min  
Delta R.T.: -0.008 min  
Response: 104844247  
Conc: 49.36 ng/ml



#19 Endosulfan Sulfate

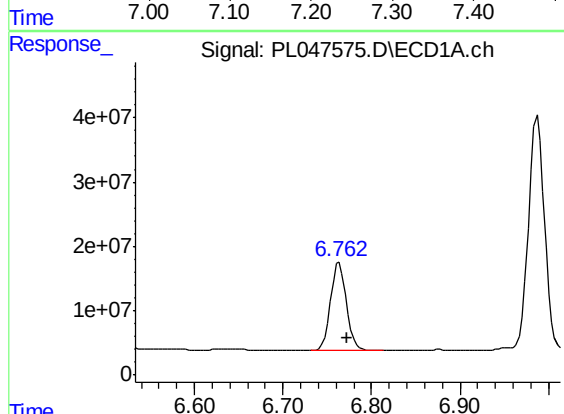
R.T.: 6.504 min  
Delta R.T.: -0.009 min  
Response: 381242600  
Conc: 46.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



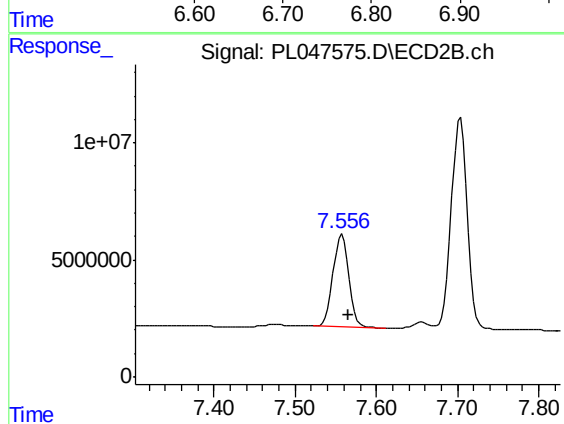
#19 Endosulfan Sulfate

R.T.: 7.234 min  
Delta R.T.: -0.008 min  
Response: 112142613  
Conc: 47.54 ng/ml



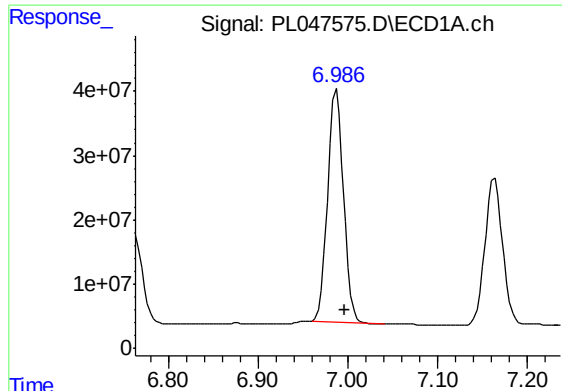
#20 Methoxychlor

R.T.: 6.764 min  
Delta R.T.: -0.010 min  
Response: 172137485  
Conc: 40.50 ng/ml



#20 Methoxychlor

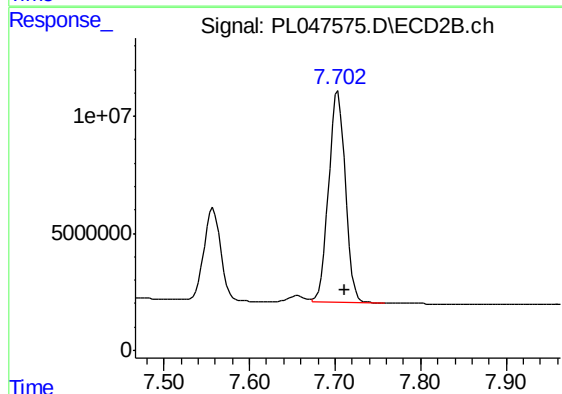
R.T.: 7.558 min  
Delta R.T.: -0.008 min  
Response: 53827786  
Conc: 42.23 ng/ml



#21 Endrin ketone

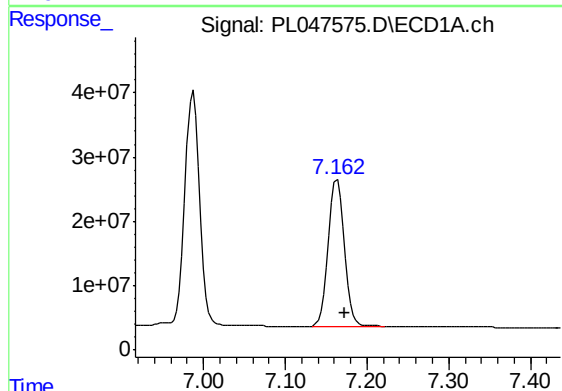
R.T.: 6.988 min  
Delta R.T.: -0.009 min  
Response: 447847586  
Conc: 48.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



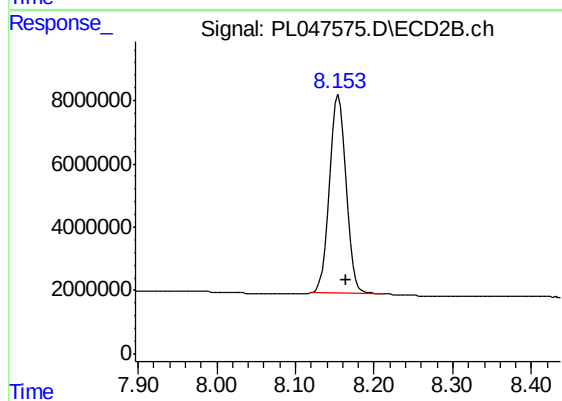
#21 Endrin ketone

R.T.: 7.704 min  
Delta R.T.: -0.008 min  
Response: 123365375  
Conc: 49.65 ng/ml



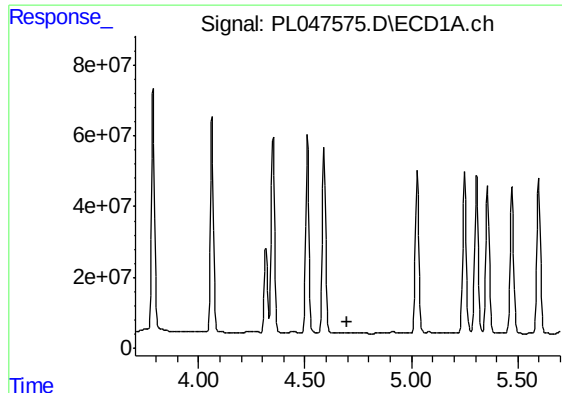
#22 Mirex

R.T.: 7.163 min  
Delta R.T.: -0.010 min  
Response: 310551429  
Conc: 42.63 ng/ml



#22 Mirex

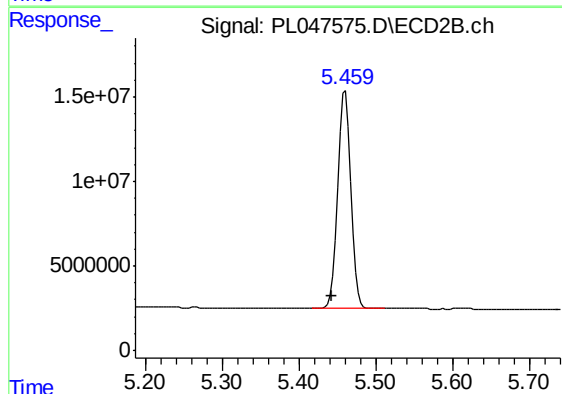
R.T.: 8.155 min  
Delta R.T.: -0.010 min  
Response: 94195634  
Conc: 47.09 ng/ml



#24 Chlordane-2

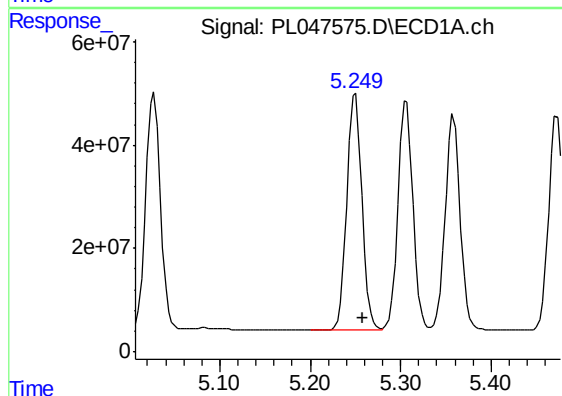
R.T.: 0.000 min  
Exp R.T.: 4.701 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



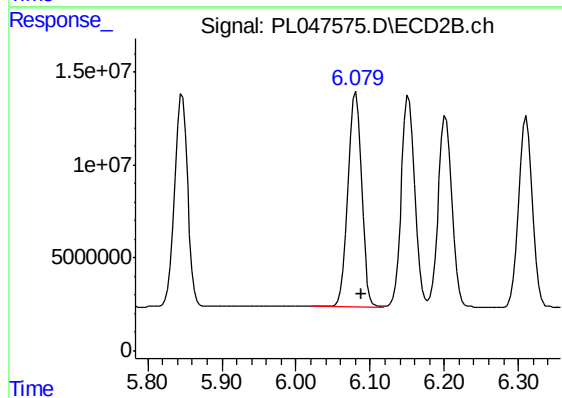
#24 Chlordane-2

R.T.: 5.460 min  
Delta R.T.: 0.017 min  
Response: 153233133  
Conc: 1311.82 ng/ml



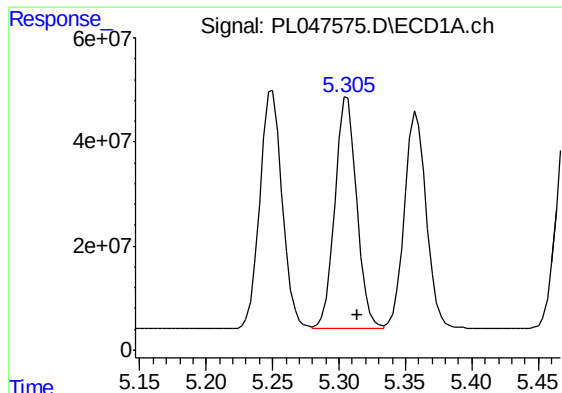
#25 Chlordane-3

R.T.: 5.250 min  
Delta R.T.: -0.008 min  
Response: 527519462  
Conc: 473.68 ng/ml



#25 Chlordane-3

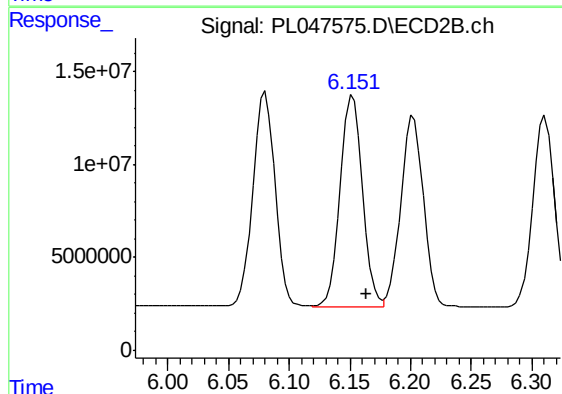
R.T.: 6.081 min  
Delta R.T.: -0.008 min  
Response: 146654353  
Conc: 384.65 ng/ml



#26 Chlordane-4

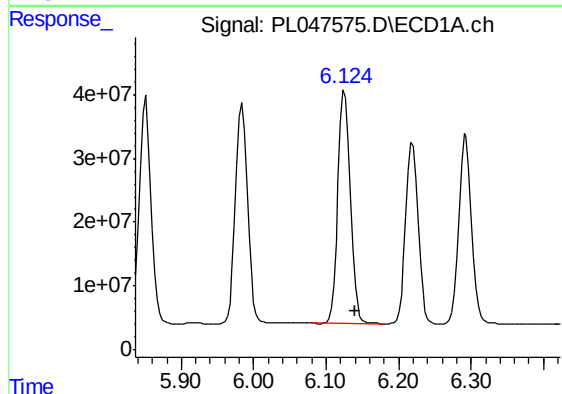
R.T.: 5.306 min  
Delta R.T.: -0.008 min  
Response: 513141035  
Conc: 496.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



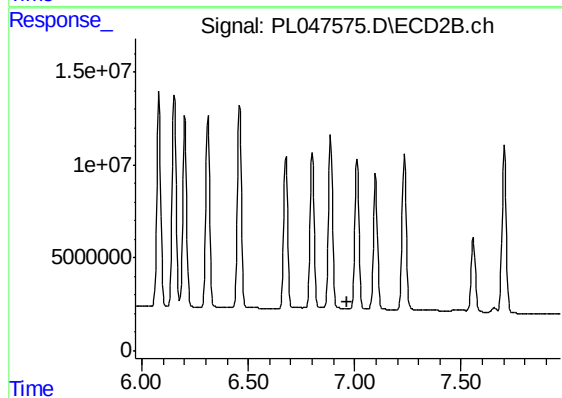
#26 Chlordane-4

R.T.: 6.152 min  
Delta R.T.: -0.011 min  
Response: 145258126  
Conc: 314.80 ng/ml



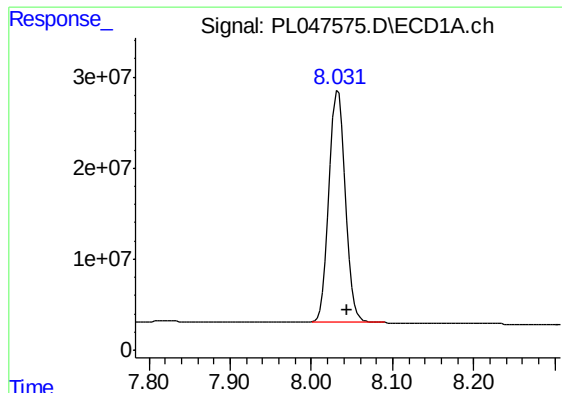
#27 Chlordane-5

R.T.: 6.126 min  
Delta R.T.: -0.014 min  
Response: 435831154  
Conc: 1277.10 ng/ml



#27 Chlordane-5

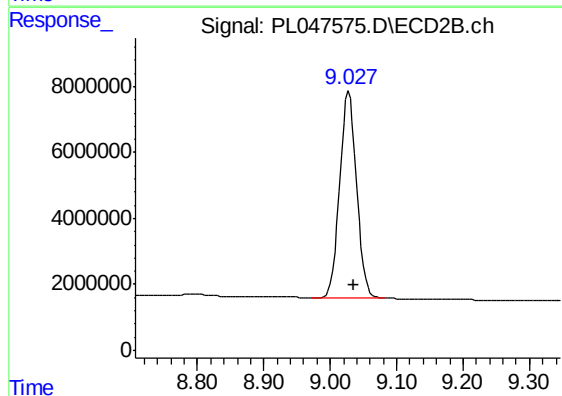
R.T.: 0.000 min  
Exp R.T.: 6.967 min  
Response: 0  
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.033 min  
Delta R.T.: -0.011 min  
Response: 356035682  
Conc: 42.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050



#28 Decachlorobiphenyl

R.T.: 9.028 min  
Delta R.T.: -0.007 min  
Response: 110518404  
Conc: 47.67 ng/ml