

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041619\  
 Data File : PL047430.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Apr 2019 13:42  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 17 02:03:03 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 | 361.1E6 | 115.1E6  | 49.633  | 50.281  |
| 28)                         | SA Decachlor... | 8.033 | 9.029 | 407.5E6 | 120.4E6  | 48.447  | 51.926  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.786 | 4.366 | 603.1E6 | 164.4E6  | 51.714  | 51.157  |
| 3)                          | MA gamma-BHC... | 4.063 | 4.650 | 539.4E6 | 151.9E6  | 50.198  | 50.763  |
| 4)                          | MA Heptachlor   | 4.350 | 5.156 | 556.7E6 | 155.2E6  | 50.494  | 50.459  |
| 5)                          | MB Aldrin       | 4.590 | 5.460 | 523.1E6 | 144.7E6  | 50.709  | 50.504  |
| 6)                          | B beta-BHC      | 4.317 | 4.823 | 220.4E6 | 67184046 | 48.952  | 50.678  |
| 7)                          | B delta-BHC     | 4.512 | 5.038 | 518.8E6 | 132.5E6  | 51.245  | 57.123m |
| 8)                          | B Heptachlor... | 5.027 | 5.847 | 488.1E6 | 134.2E6  | 50.046  | 50.869  |
| 9)                          | A Endosulfan I  | 5.359 | 6.203 | 463.6E6 | 128.7E6  | 49.310  | 49.304  |
| 10)                         | B gamma-Chl...  | 5.250 | 6.081 | 519.7E6 | 144.3E6  | 50.589  | 50.848  |
| 11)                         | B alpha-Chl...  | 5.306 | 6.153 | 504.8E6 | 140.9E6  | 49.788  | 49.683  |
| 12)                         | B 4,4'-DDE      | 5.472 | 6.311 | 411.8E6 | 124.1E6  | 44.732m | 50.000  |
| 13)                         | MA Dieldrin     | 5.599 | 6.460 | 496.3E6 | 131.6E6  | 49.455  | 48.559  |
| 14)                         | MA Endrin       | 5.852 | 6.676 | 458.4E6 | 116.5E6  | 48.668  | 48.747m |
| 15)                         | B Endosulfa...  | 6.126 | 6.888 | 439.3E6 | 118.7E6  | 49.034  | 49.206  |
| 16)                         | A 4,4'-DDD      | 5.985 | 6.802 | 382.3E6 | 101.4E6  | 50.580  | 50.388  |
| 17)                         | MA 4,4'-DDT     | 6.219 | 7.099 | 387.4E6 | 103.3E6  | 51.147  | 49.242  |
| 18)                         | B Endrin al...  | 6.293 | 7.011 | 360.6E6 | 102.8E6  | 48.113  | 48.382  |
| 19)                         | B Endosulfa...  | 6.505 | 7.234 | 402.5E6 | 112.6E6  | 49.018  | 47.726  |
| 20)                         | A Methoxychlor  | 6.764 | 7.558 | 203.9E6 | 60965120 | 47.972  | 47.824  |
| 21)                         | B Endrin ke...  | 6.986 | 7.704 | 460.2E6 | 121.1E6  | 49.764m | 48.729  |
| 22)                         | Mirex           | 7.163 | 8.155 | 342.8E6 | 97621967 | 47.059  | 48.807  |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041619\  
Data File : PL047430.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Apr 2019 13:42  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

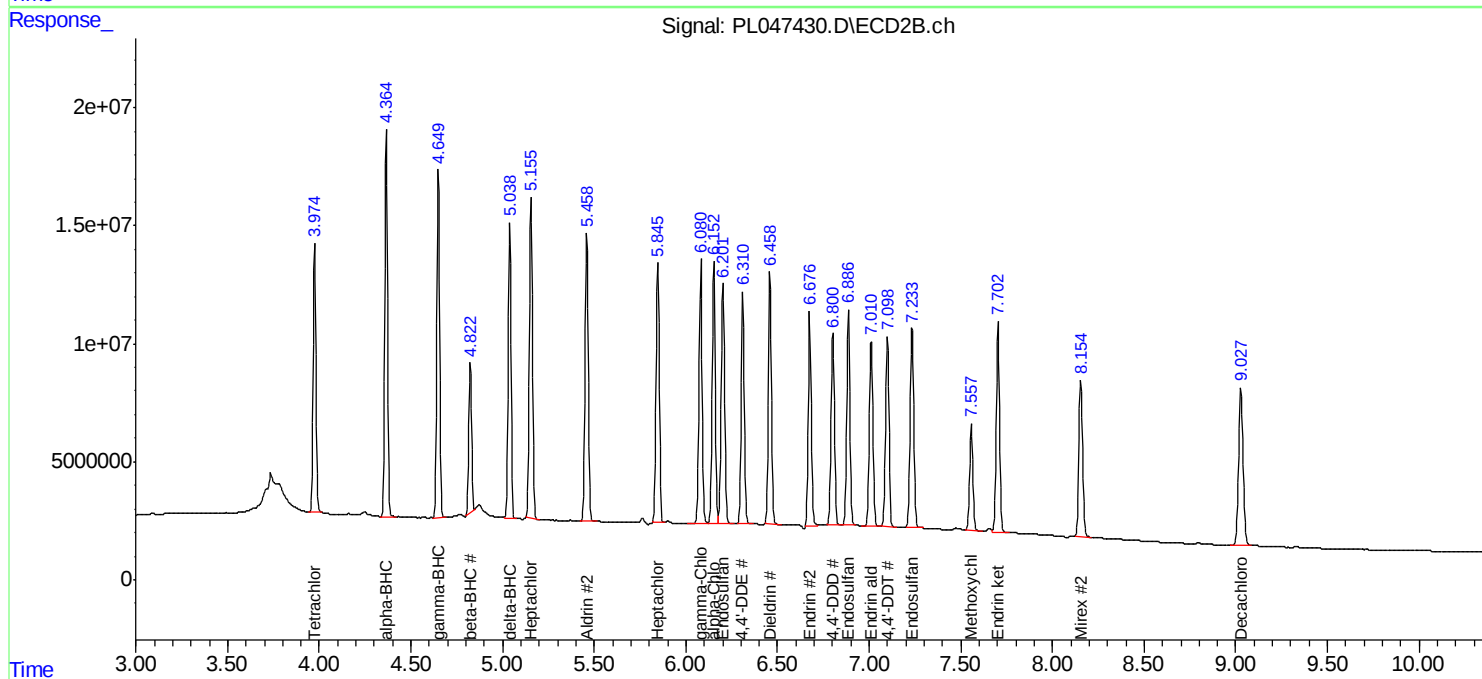
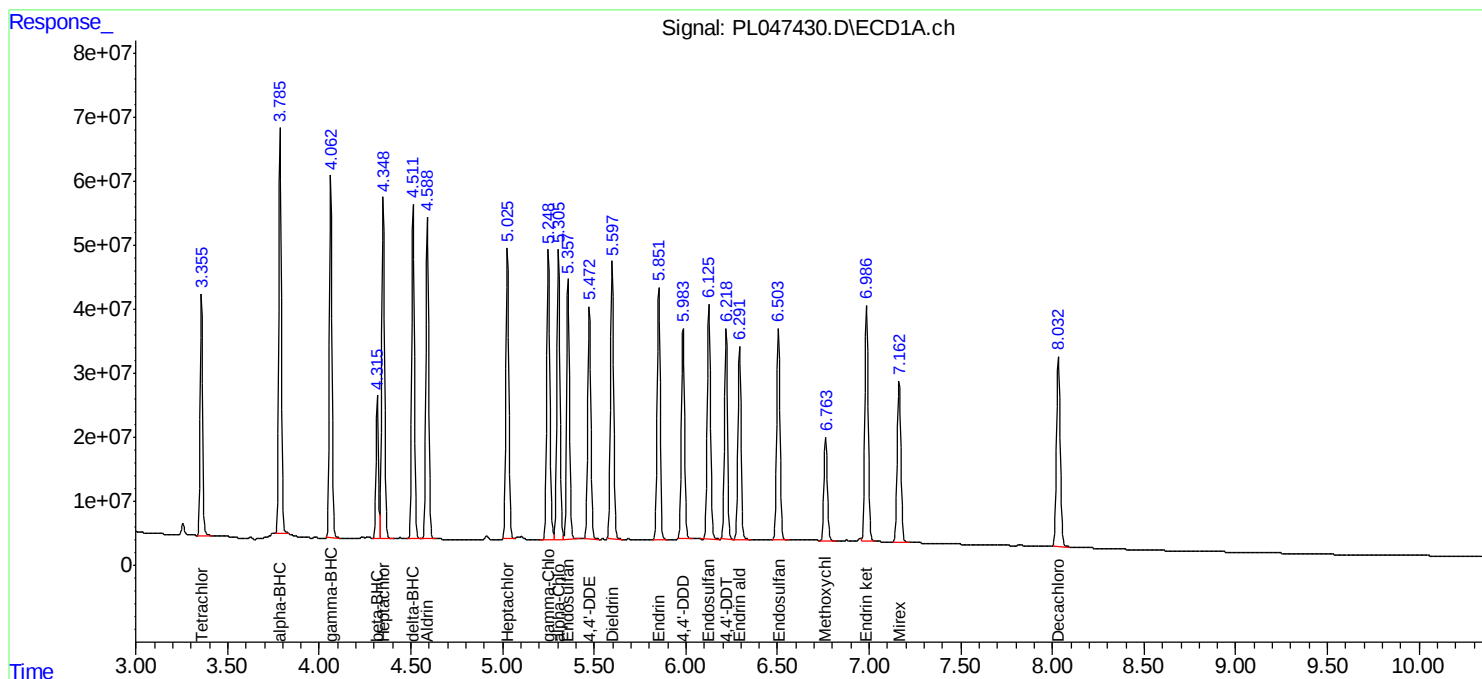
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

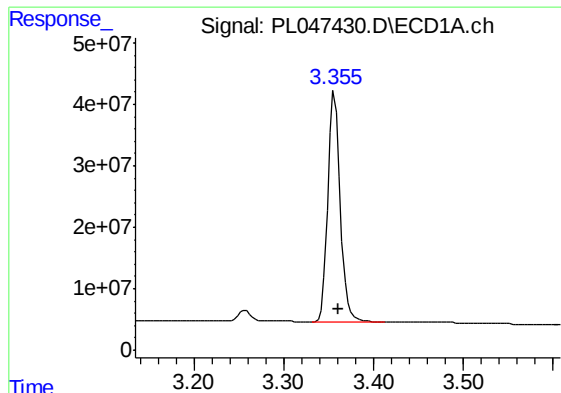
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 17 02:03:03 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032219.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 22 13:40:08 2019  
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





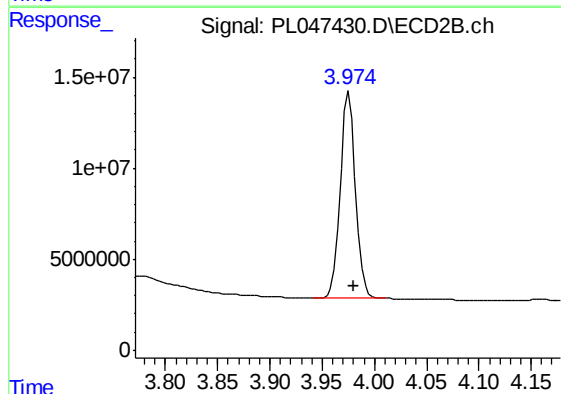
#1 Tetrachloro-m-xylene

R.T.: 3.357 min  
Delta R.T.: -0.004 min  
Response: 361059730  
Conc: 49.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

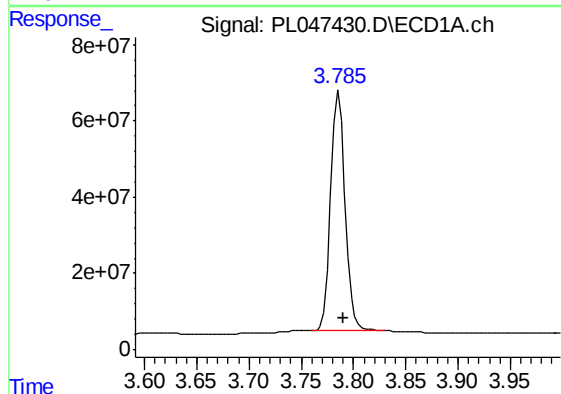
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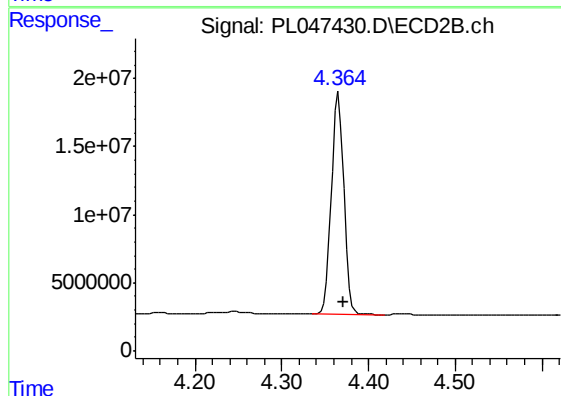
#1 Tetrachloro-m-xylene

R.T.: 3.976 min  
Delta R.T.: -0.005 min  
Response: 115124552  
Conc: 50.28 ng/ml



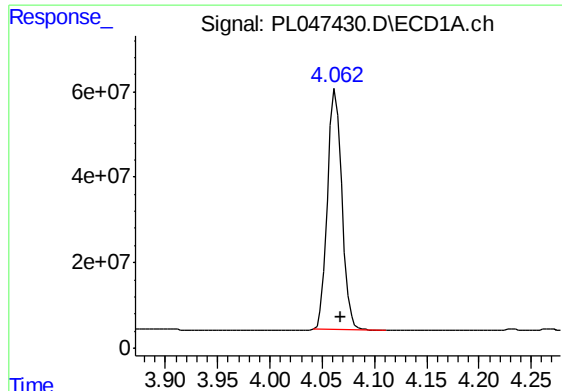
#2 alpha-BHC

R.T.: 3.786 min  
Delta R.T.: -0.004 min  
Response: 603085928  
Conc: 51.71 ng/ml



#2 alpha-BHC

R.T.: 4.366 min  
Delta R.T.: -0.005 min  
Response: 164383657  
Conc: 51.16 ng/ml



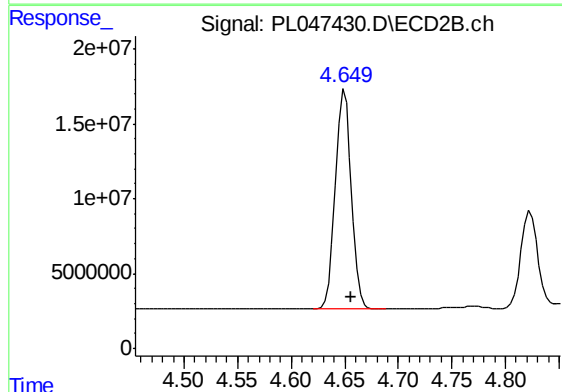
#3 gamma-BHC (Lindane)

R.T.: 4.063 min  
Delta R.T.: -0.005 min  
Response: 539354363  
Conc: 50.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

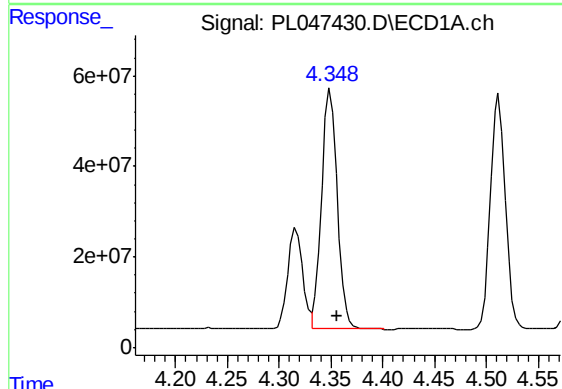
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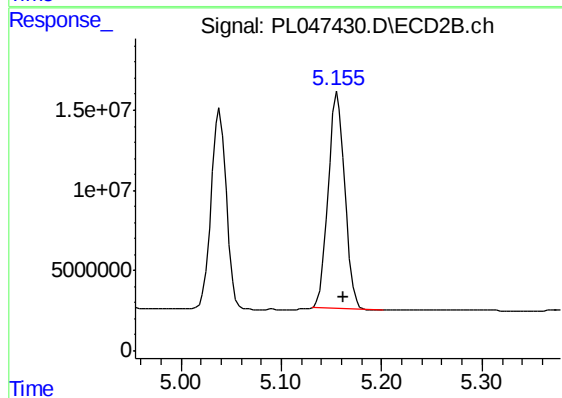
#3 gamma-BHC (Lindane)

R.T.: 4.650 min  
Delta R.T.: -0.005 min  
Response: 151934476  
Conc: 50.76 ng/ml



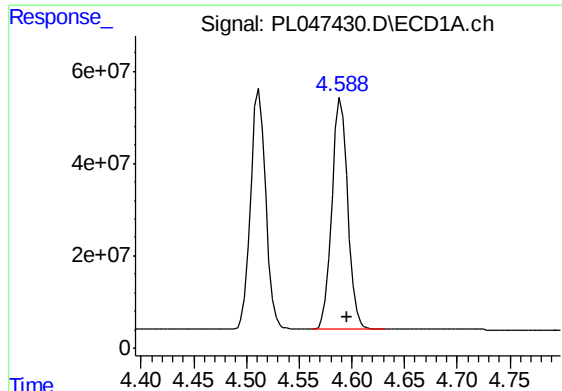
#4 Heptachlor

R.T.: 4.350 min  
Delta R.T.: -0.006 min  
Response: 556707268  
Conc: 50.49 ng/ml



#4 Heptachlor

R.T.: 5.156 min  
Delta R.T.: -0.006 min  
Response: 155205976  
Conc: 50.46 ng/ml



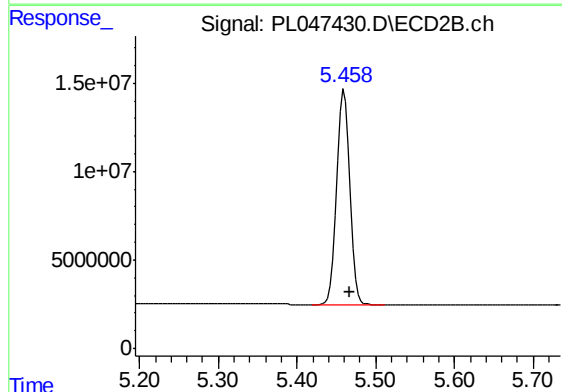
#5 Aldrin

R.T.: 4.590 min  
Delta R.T.: -0.006 min  
Response: 523063268  
Conc: 50.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

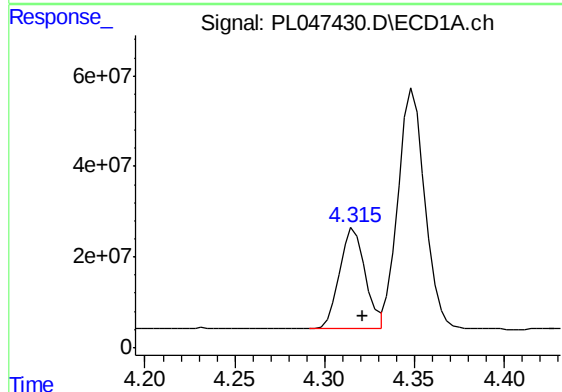
Manual Integrations  
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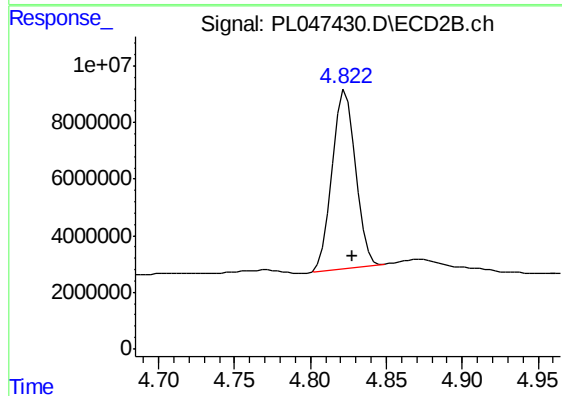
#5 Aldrin

R.T.: 5.460 min  
Delta R.T.: -0.007 min  
Response: 144691590  
Conc: 50.50 ng/ml



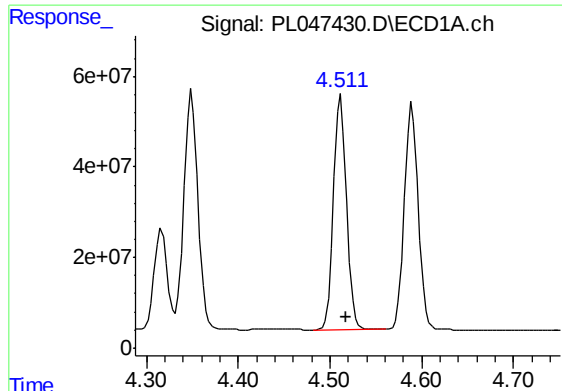
#6 beta-BHC

R.T.: 4.317 min  
Delta R.T.: -0.004 min  
Response: 220401625  
Conc: 48.95 ng/ml



#6 beta-BHC

R.T.: 4.823 min  
Delta R.T.: -0.005 min  
Response: 67184046  
Conc: 50.68 ng/ml



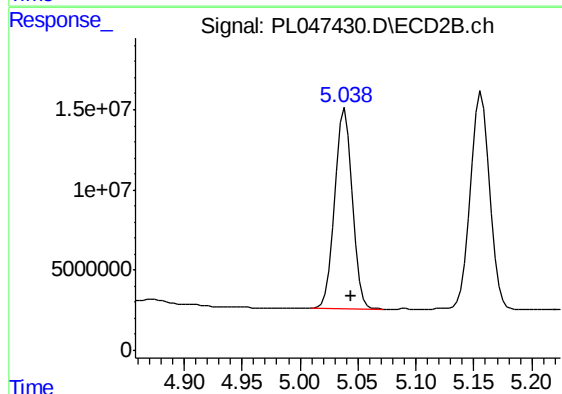
#7 delta-BHC

R.T.: 4.512 min  
Delta R.T.: -0.005 min  
Response: 518756596  
Conc: 51.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

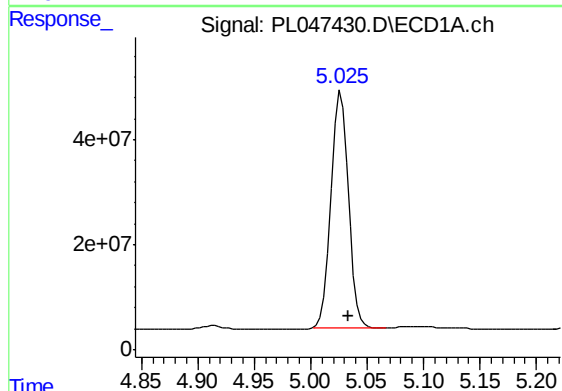
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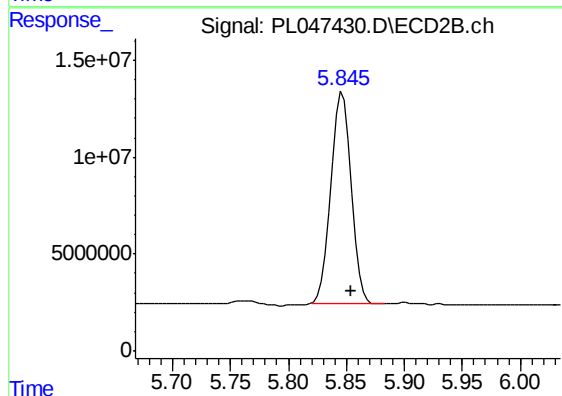
#7 delta-BHC

R.T.: 5.038 min  
Delta R.T.: -0.007 min  
Response: 132535922  
Conc: 57.12 ng/ml m



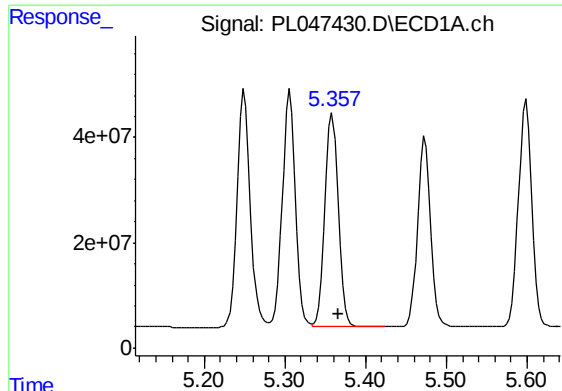
#8 Heptachlor epoxide

R.T.: 5.027 min  
Delta R.T.: -0.007 min  
Response: 488122258  
Conc: 50.05 ng/ml



#8 Heptachlor epoxide

R.T.: 5.847 min  
Delta R.T.: -0.007 min  
Response: 134152084  
Conc: 50.87 ng/ml



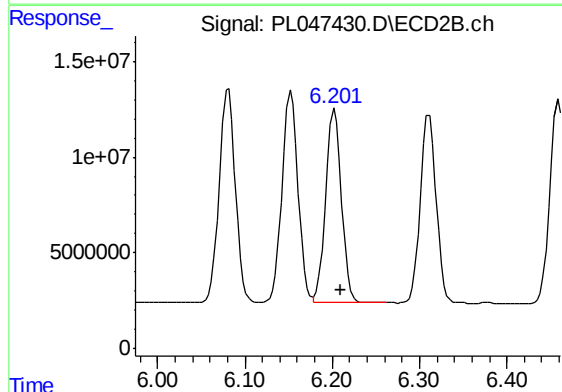
#9 Endosulfan I

R.T.: 5.359 min  
Delta R.T.: -0.008 min  
Response: 463629041  
Conc: 49.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

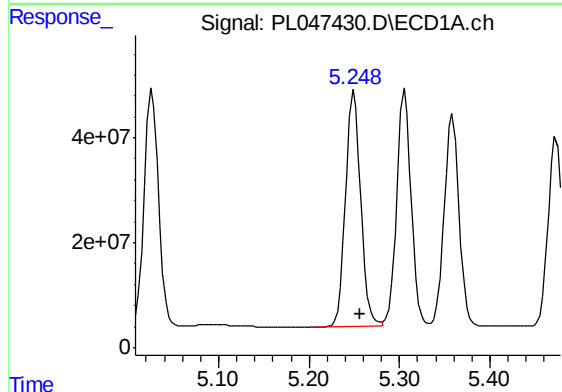
Manual Integrations  
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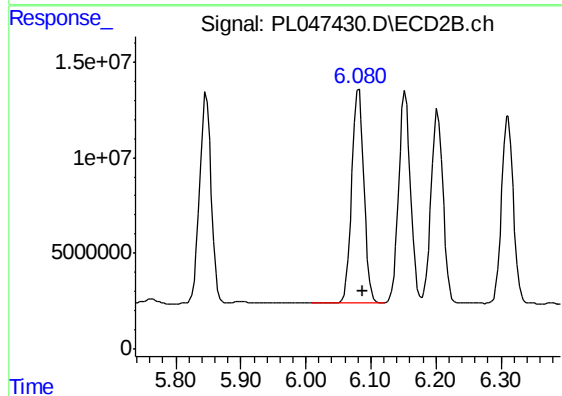
#9 Endosulfan I

R.T.: 6.203 min  
Delta R.T.: -0.007 min  
Response: 128678612  
Conc: 49.30 ng/ml



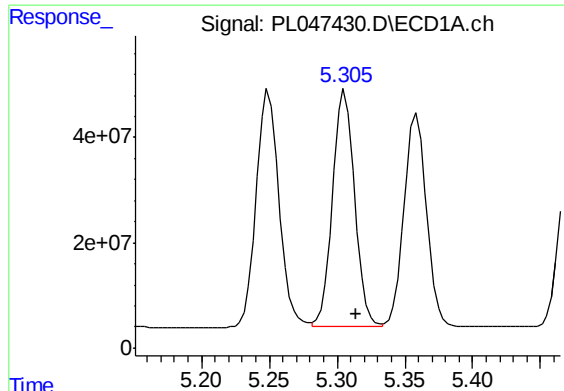
#10 gamma-Chlordane

R.T.: 5.250 min  
Delta R.T.: -0.007 min  
Response: 519680160  
Conc: 50.59 ng/ml



#10 gamma-Chlordane

R.T.: 6.081 min  
Delta R.T.: -0.006 min  
Response: 144309770  
Conc: 50.85 ng/ml



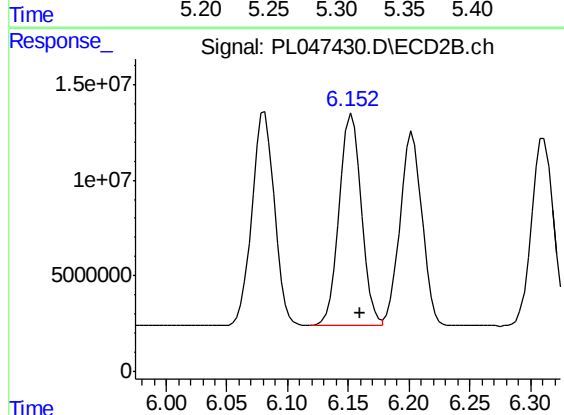
#11 alpha-Chlordane

R.T.: 5.306 min  
Delta R.T.: -0.008 min  
Response: 504798323  
Conc: 49.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

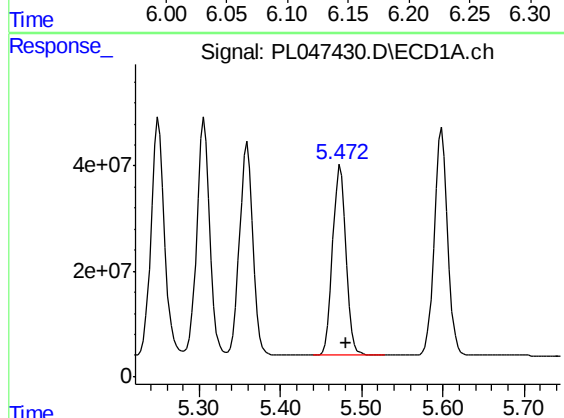
Manual Integrations  
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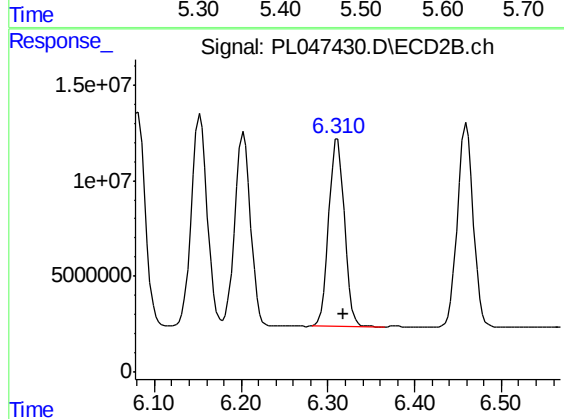
#11 alpha-Chlordane

R.T.: 6.153 min  
Delta R.T.: -0.007 min  
Response: 140933614  
Conc: 49.68 ng/ml



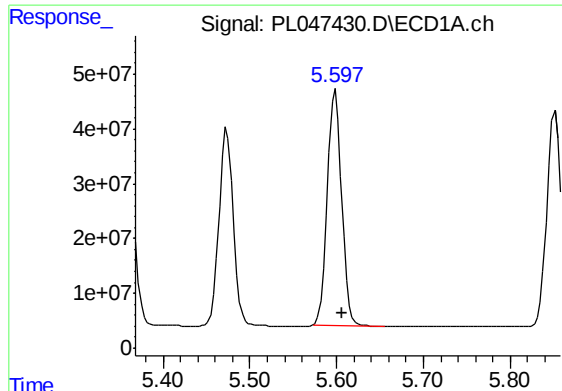
#12 4,4'-DDE

R.T.: 5.472 min  
Delta R.T.: -0.009 min  
Response: 411845616  
Conc: 44.73 ng/ml m



#12 4,4'-DDE

R.T.: 6.311 min  
Delta R.T.: -0.007 min  
Response: 124116906  
Conc: 50.00 ng/ml



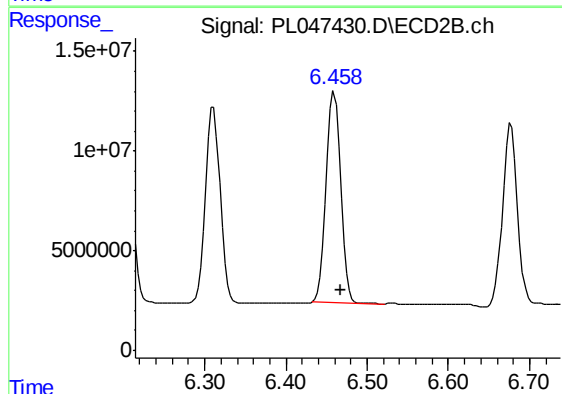
#13 Dieldrin

R.T.: 5.599 min  
Delta R.T.: -0.008 min  
Response: 496308951  
Conc: 49.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

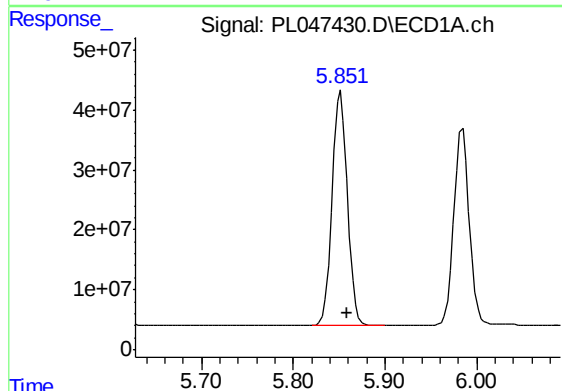
Manual Integrations  
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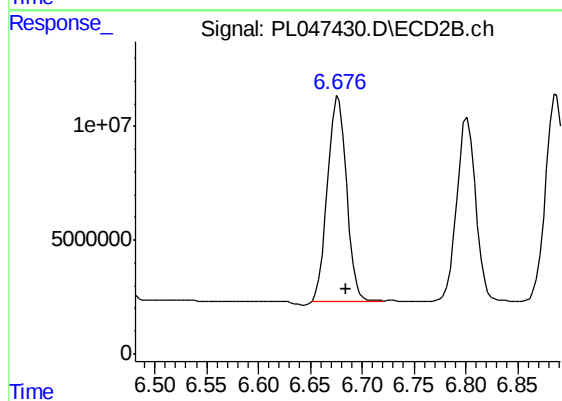
#13 Dieldrin

R.T.: 6.460 min  
Delta R.T.: -0.007 min  
Response: 131627393  
Conc: 48.56 ng/ml



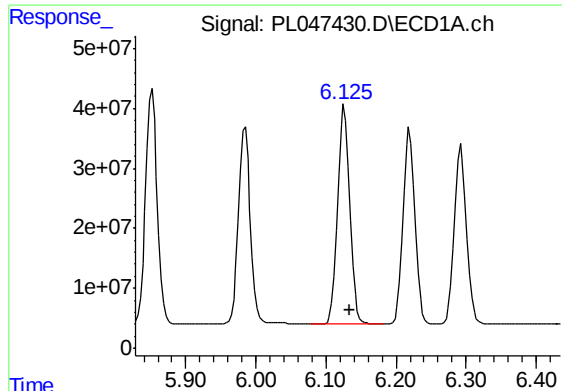
#14 Endrin

R.T.: 5.852 min  
Delta R.T.: -0.008 min  
Response: 458413073  
Conc: 48.67 ng/ml



#14 Endrin

R.T.: 6.676 min  
Delta R.T.: -0.009 min  
Response: 116494817  
Conc: 48.75 ng/ml m



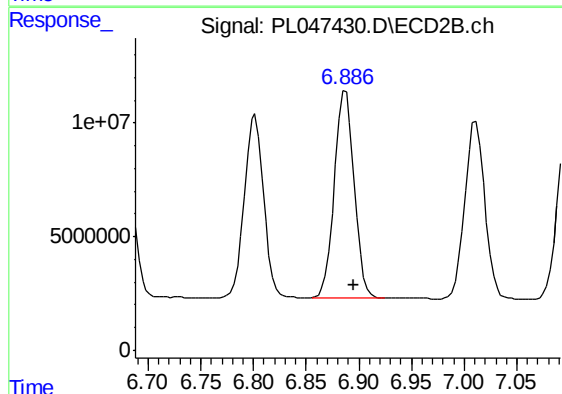
#15 Endosulfan II

R.T.: 6.126 min  
Delta R.T.: -0.008 min  
Response: 439322928  
Conc: 49.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

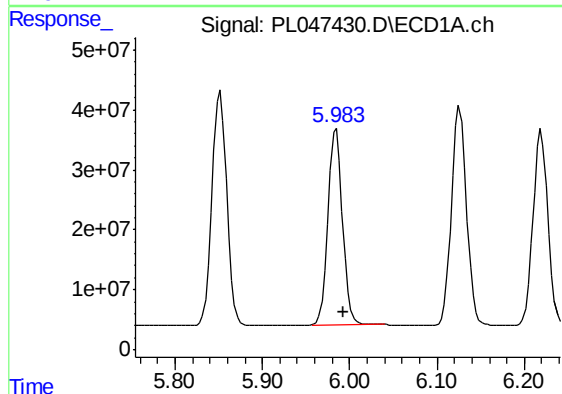
Manual Integrations  
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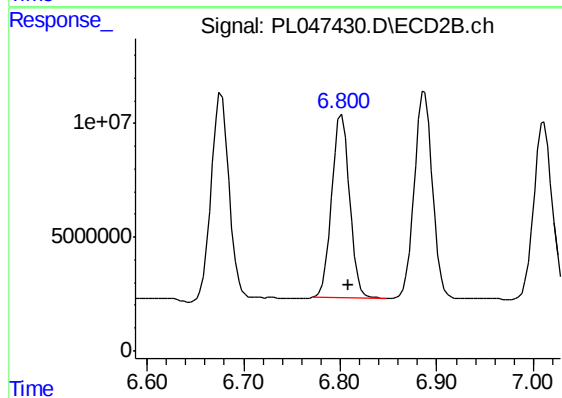
#15 Endosulfan II

R.T.: 6.888 min  
Delta R.T.: -0.007 min  
Response: 118729078  
Conc: 49.21 ng/ml



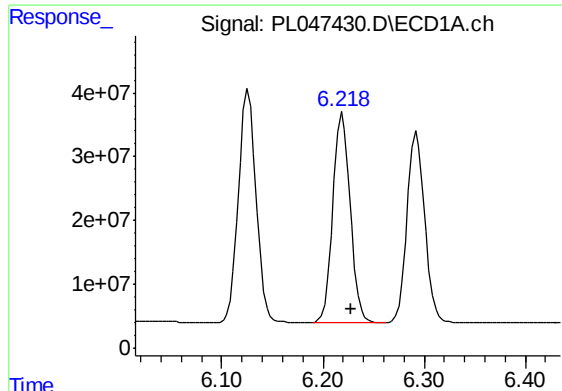
#16 4,4'-DDD

R.T.: 5.985 min  
Delta R.T.: -0.008 min  
Response: 382337456  
Conc: 50.58 ng/ml



#16 4,4'-DDD

R.T.: 6.802 min  
Delta R.T.: -0.007 min  
Response: 101382413  
Conc: 50.39 ng/ml



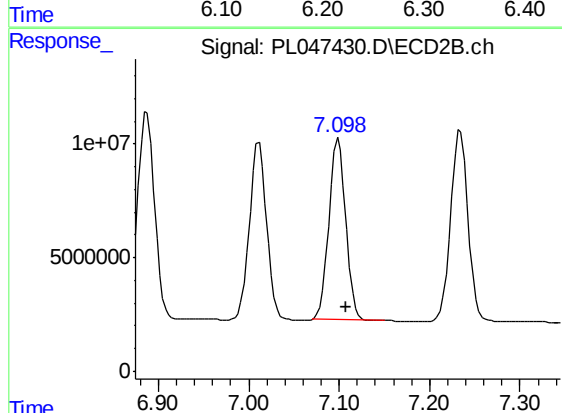
#17 4,4'-DDT

R.T.: 6.219 min  
Delta R.T.: -0.008 min  
Response: 387403572  
Conc: 51.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

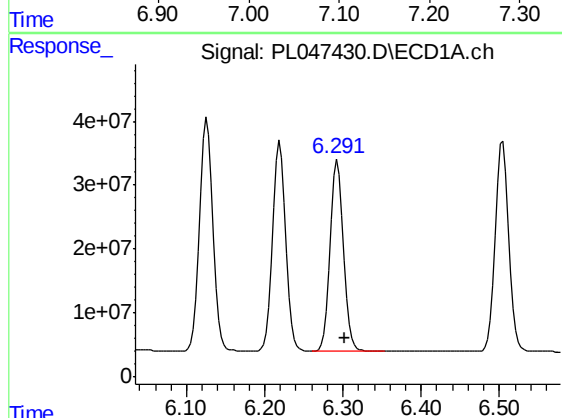
Manual Integrations  
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4/17/2019 4:52:50 PM



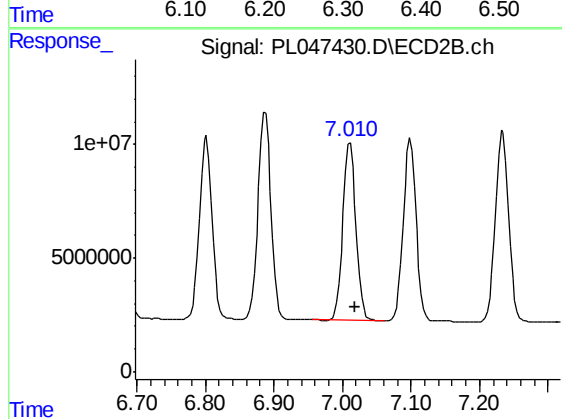
#17 4,4'-DDT

R.T.: 7.099 min  
Delta R.T.: -0.007 min  
Response: 103257597  
Conc: 49.24 ng/ml



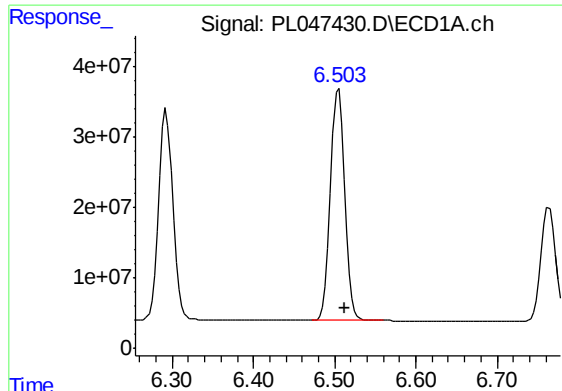
#18 Endrin aldehyde

R.T.: 6.293 min  
Delta R.T.: -0.009 min  
Response: 360615972  
Conc: 48.11 ng/ml



#18 Endrin aldehyde

R.T.: 7.011 min  
Delta R.T.: -0.007 min  
Response: 102763237  
Conc: 48.38 ng/ml



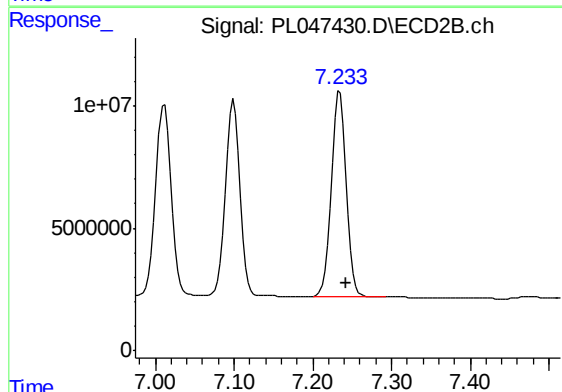
#19 Endosulfan Sulfate

R.T.: 6.505 min  
Delta R.T.: -0.008 min  
Response: 402499163  
Conc: 49.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

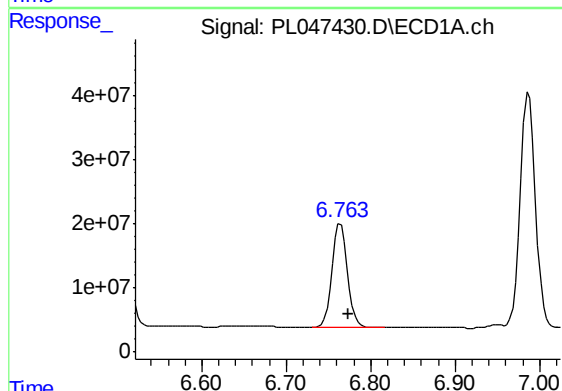
Manual Integrations  
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4/17/2019 4:52:50 PM



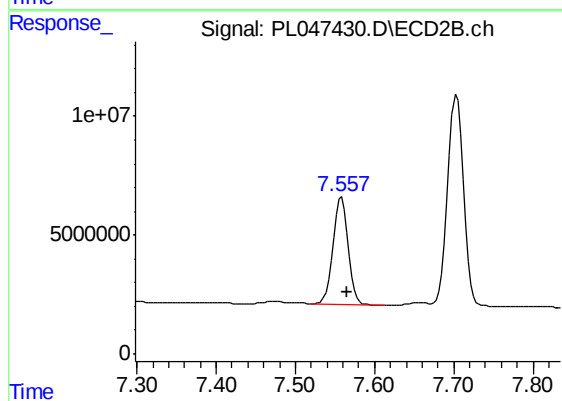
#19 Endosulfan Sulfate

R.T.: 7.234 min  
Delta R.T.: -0.007 min  
Response: 112584679  
Conc: 47.73 ng/ml



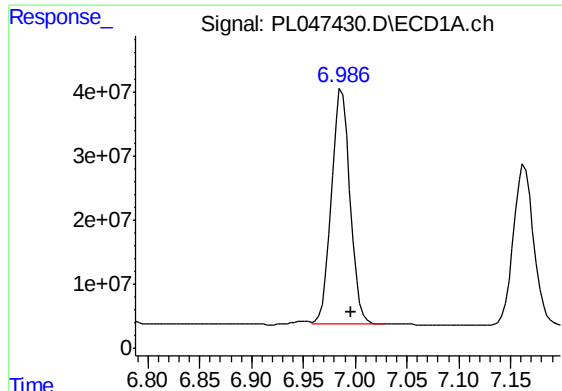
#20 Methoxychlor

R.T.: 6.764 min  
Delta R.T.: -0.009 min  
Response: 203876324  
Conc: 47.97 ng/ml



#20 Methoxychlor

R.T.: 7.558 min  
Delta R.T.: -0.007 min  
Response: 60965120  
Conc: 47.82 ng/ml



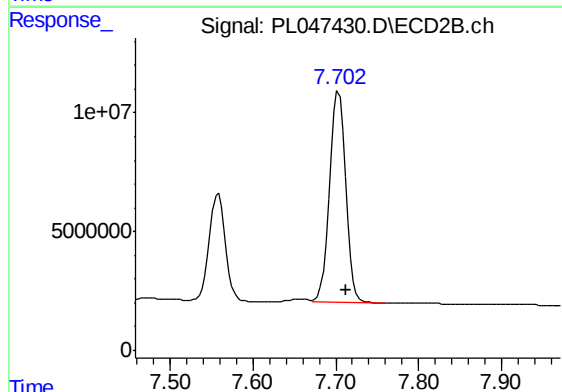
#21 Endrin ketone

R.T.: 6.986 min  
Delta R.T.: -0.010 min  
Response: 460158374  
Conc: 49.76 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

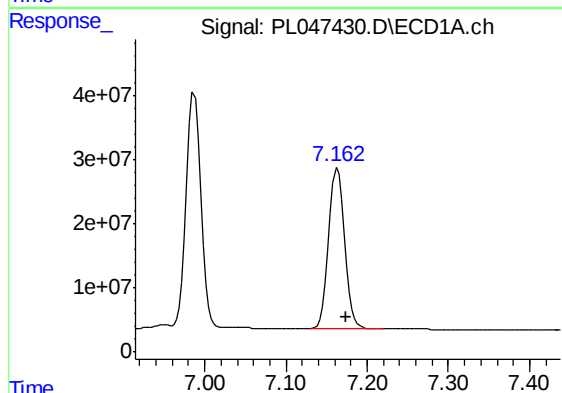
Manual Integrations  
APPROVED

Sohil  
4/17/2019 4:52:50 PM



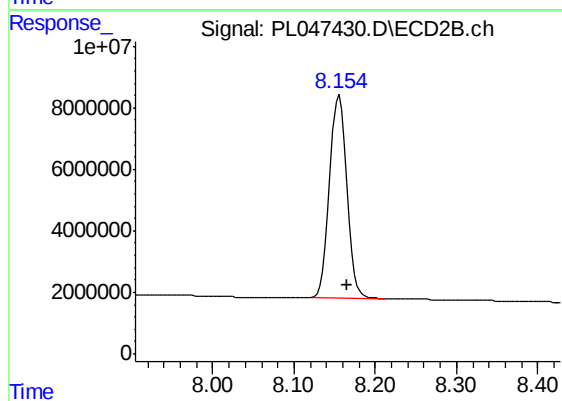
#21 Endrin ketone

R.T.: 7.704 min  
Delta R.T.: -0.008 min  
Response: 121070297  
Conc: 48.73 ng/ml



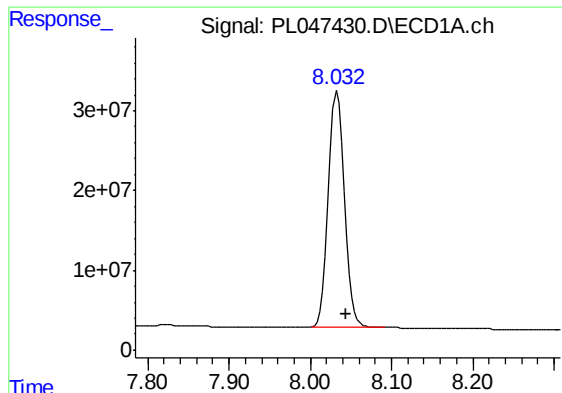
#22 Mirex

R.T.: 7.163 min  
Delta R.T.: -0.010 min  
Response: 342848730  
Conc: 47.06 ng/ml



#22 Mirex

R.T.: 8.155 min  
Delta R.T.: -0.009 min  
Response: 97621967  
Conc: 48.81 ng/ml



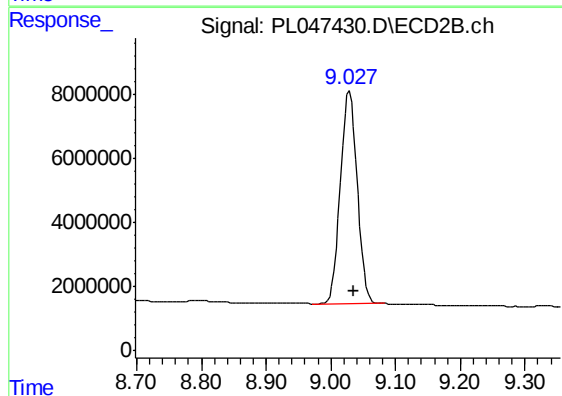
#28 Decachlorobiphenyl

R.T.: 8.033 min  
Delta R.T.: -0.011 min  
Response: 407493971  
Conc: 48.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Sohil  
4/17/2019 4:52:50 PM



#28 Decachlorobiphenyl

R.T.: 9.029 min  
Delta R.T.: -0.006 min  
Response: 120388688  
Conc: 51.93 ng/ml