

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041719\  
 Data File : PL047502.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Apr 2019 15:34  
 Operator : AJ\SJ  
 Sample : PB118961BS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB118961BS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 18 01:12:45 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 | 109.8E6 | 37517857 | 15.097  | 16.386  |
| 28)                         | SA Decachlor... | 8.033 | 9.028 | 147.9E6 | 42469759 | 17.587  | 18.318  |
| Target Compounds            |                 |       |       |         |          |         |         |
| 2)                          | A alpha-BHC     | 3.787 | 4.366 | 500.6E6 | 134.1E6  | 42.929  | 41.739  |
| 3)                          | MA gamma-BHC... | 4.064 | 4.650 | 462.5E6 | 126.6E6  | 43.045  | 42.297  |
| 4)                          | MA Heptachlor   | 4.350 | 5.155 | 494.4E6 | 136.7E6  | 44.846  | 44.446m |
| 5)                          | MB Aldrin       | 4.590 | 5.460 | 471.3E6 | 127.1E6  | 45.689  | 44.376  |
| 6)                          | B beta-BHC      | 4.317 | 4.824 | 193.2E6 | 57620784 | 42.908  | 43.465  |
| 7)                          | B delta-BHC     | 4.512 | 5.039 | 338.4E6 | 78706819 | 33.431  | 33.923  |
| 8)                          | B Heptachlo...  | 5.027 | 5.845 | 433.8E6 | 113.6E6  | 44.476  | 43.067m |
| 9)                          | A Endosulfan I  | 5.359 | 6.203 | 413.4E6 | 112.8E6  | 43.970  | 43.216  |
| 10)                         | B gamma-Chl...  | 5.250 | 6.080 | 448.9E6 | 122.2E6  | 43.699  | 43.075  |
| 11)                         | B alpha-Chl...  | 5.306 | 6.153 | 441.5E6 | 121.7E6  | 43.540  | 42.916  |
| 12)                         | B 4,4'-DDE      | 5.471 | 6.311 | 419.2E6 | 109.3E6  | 45.526m | 44.044  |
| 13)                         | MA Dieldrin     | 5.598 | 6.459 | 443.4E6 | 116.2E6  | 44.180  | 42.851  |
| 14)                         | MA Endrin       | 5.851 | 6.677 | 380.7E6 | 95430534 | 40.416  | 39.933  |
| 15)                         | B Endosulfa...  | 6.126 | 6.887 | 385.1E6 | 103.4E6  | 42.981  | 42.870  |
| 16)                         | A 4,4'-DDD      | 5.985 | 6.801 | 338.5E6 | 88754860 | 44.786  | 44.112  |
| 17)                         | MA 4,4'-DDT     | 6.219 | 7.099 | 325.0E6 | 87690537 | 42.902  | 41.818  |
| 18)                         | B Endrin al...  | 6.293 | 7.011 | 328.4E6 | 91438621 | 43.821  | 43.050  |
| 19)                         | B Endosulfa...  | 6.504 | 7.234 | 356.7E6 | 99434257 | 43.440  | 42.151  |
| 20)                         | A Methoxychlor  | 6.763 | 7.558 | 177.7E6 | 53127299 | 41.814  | 41.676  |
| 21)                         | B Endrin ke...  | 6.987 | 7.704 | 431.6E6 | 112.5E6  | 46.671  | 45.277  |
| 22)                         | Mirex           | 7.164 | 8.155 | 333.0E6 | 93666821 | 45.705  | 46.829  |
| -----                       |                 |       |       |         |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041719\  
Data File : PL047502.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 17 Apr 2019 15:34  
Operator : AJ\SJ  
Sample : PB118961BS  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

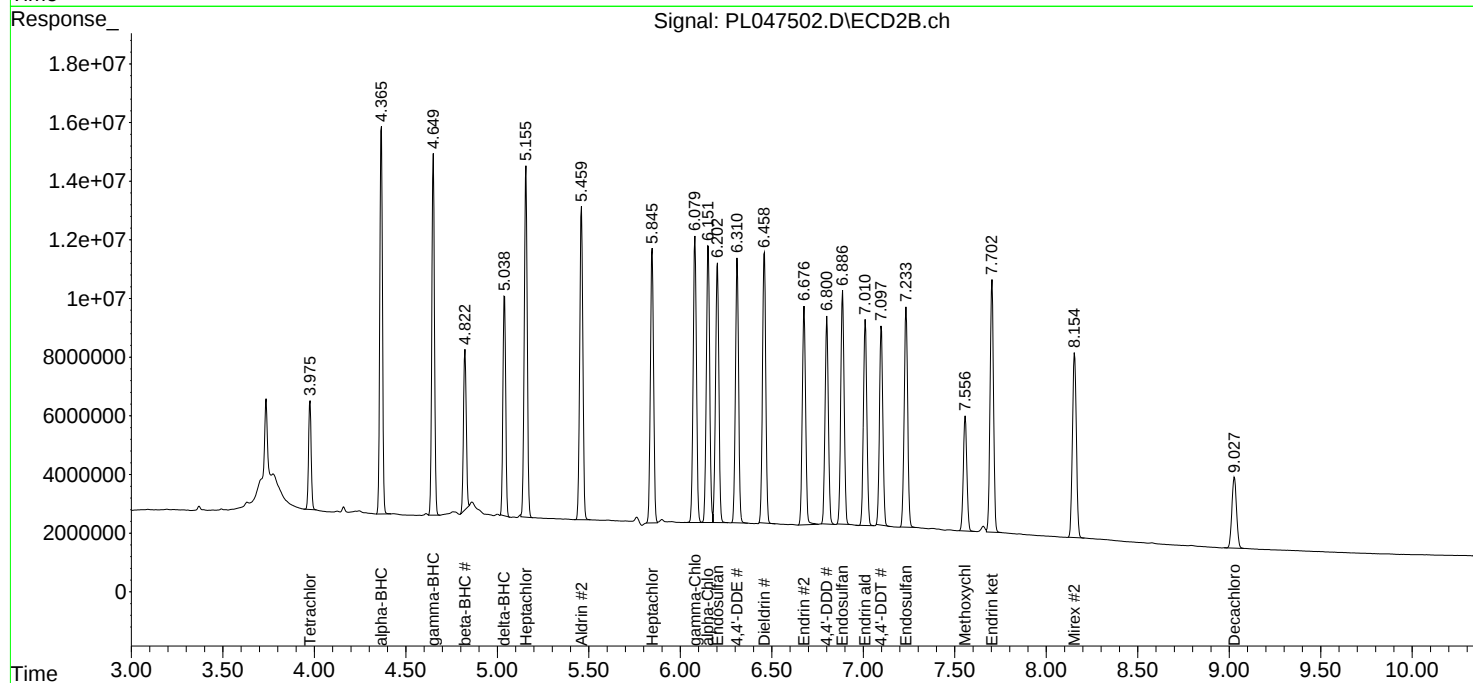
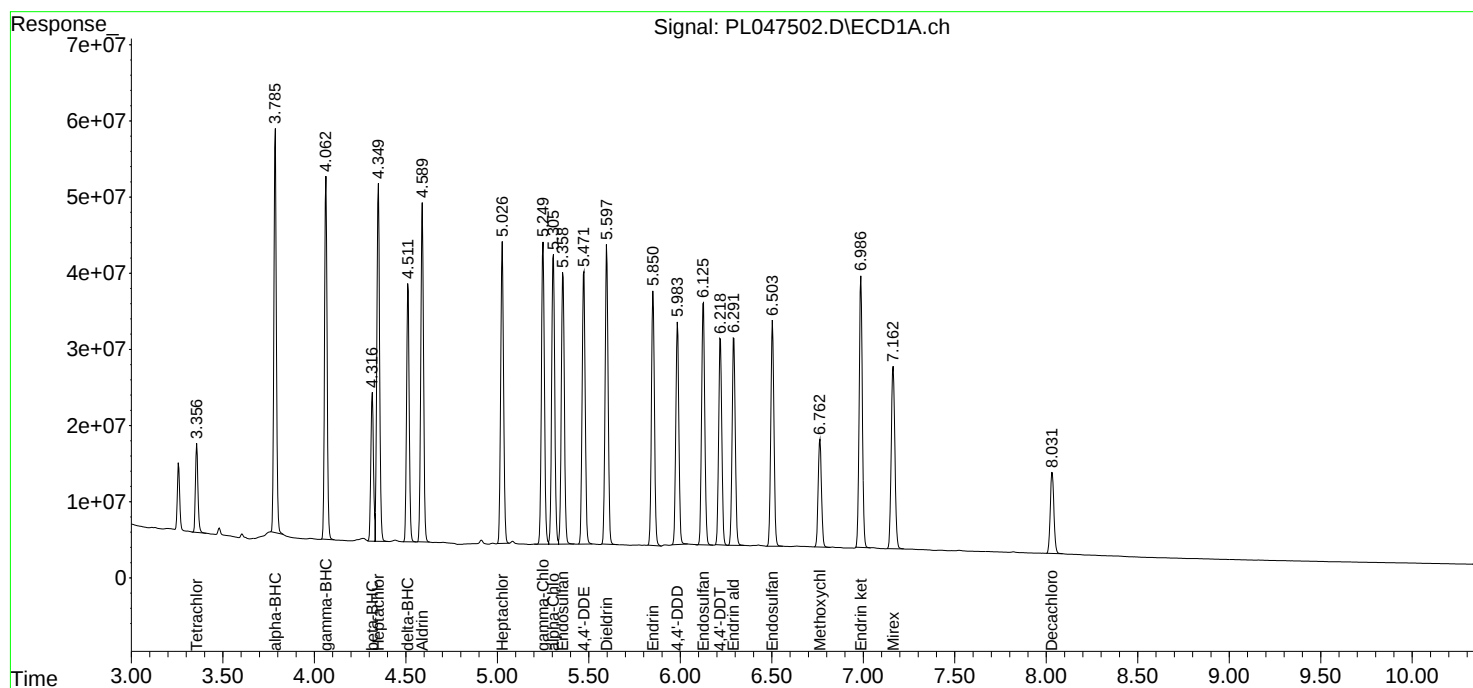
Instrument :  
ECD\_L  
ClientSampleId :  
PB118961BS

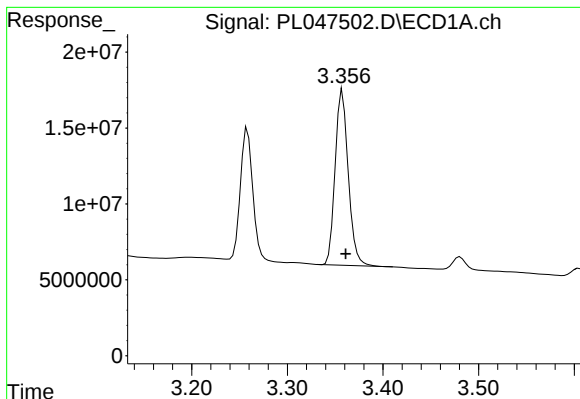
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 18 01:12:45 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032219.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 22 13:40:08 2019  
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





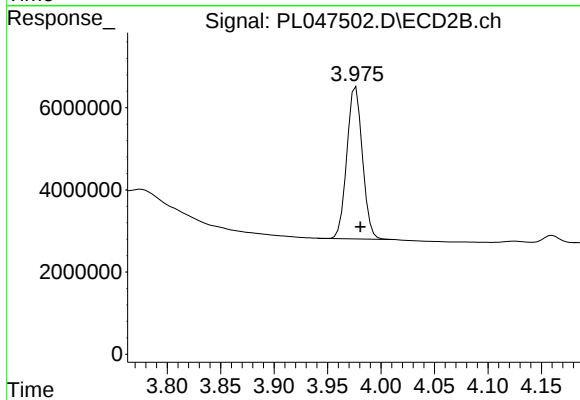
#1 Tetrachloro-m-xylene

R.T.: 3.358 min  
Delta R.T.: -0.003 min  
Response: 109826173  
Conc: 15.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118961BS

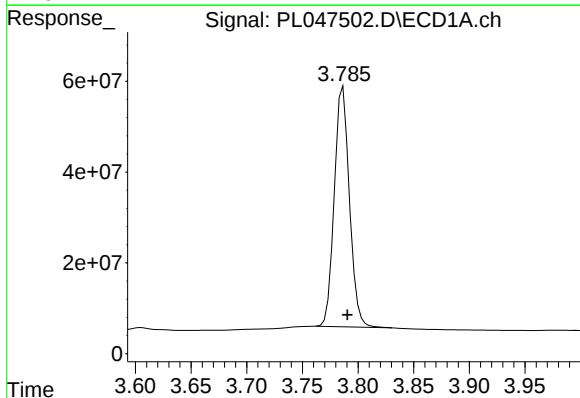
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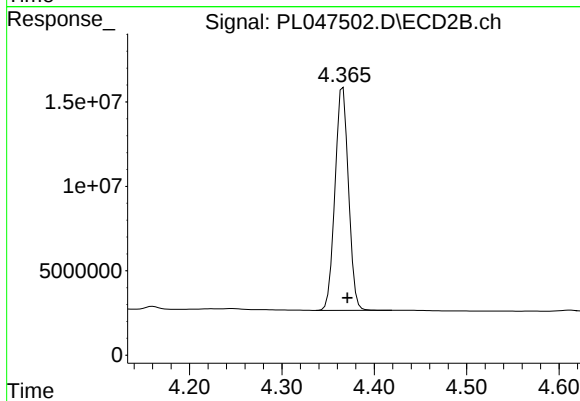
#1 Tetrachloro-m-xylene

R.T.: 3.976 min  
Delta R.T.: -0.004 min  
Response: 37517857  
Conc: 16.39 ng/ml



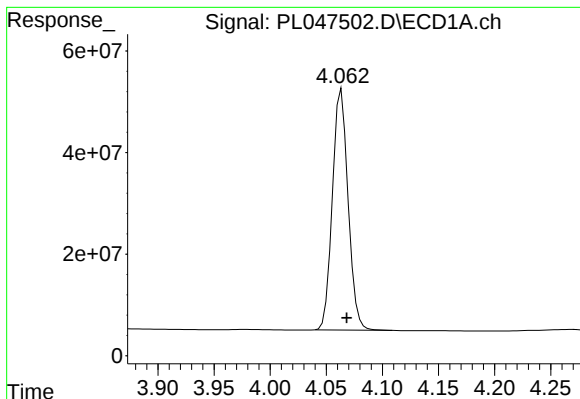
#2 alpha-BHC

R.T.: 3.787 min  
Delta R.T.: -0.004 min  
Response: 500641456  
Conc: 42.93 ng/ml



#2 alpha-BHC

R.T.: 4.366 min  
Delta R.T.: -0.005 min  
Response: 134119519  
Conc: 41.74 ng/ml



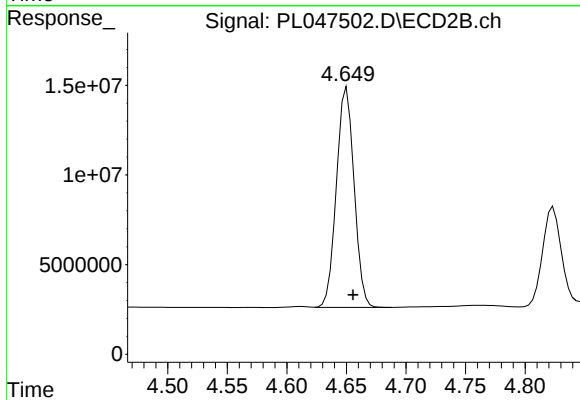
#3 gamma-BHC (Lindane)

R.T.: 4.064 min  
Delta R.T.: -0.005 min  
Response: 462498491  
Conc: 43.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118961BS

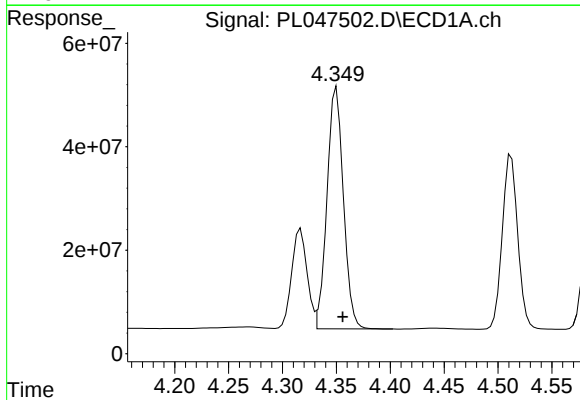
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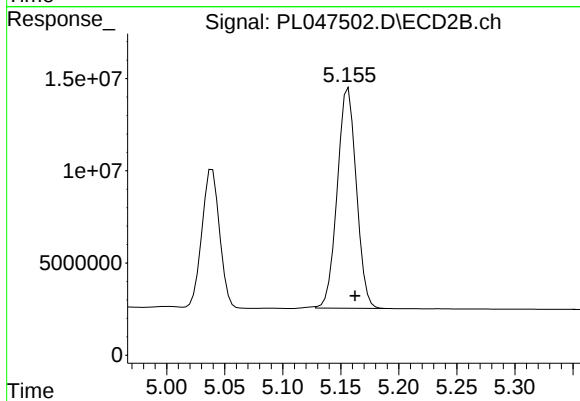
#3 gamma-BHC (Lindane)

R.T.: 4.650 min  
Delta R.T.: -0.005 min  
Response: 126594510  
Conc: 42.30 ng/ml



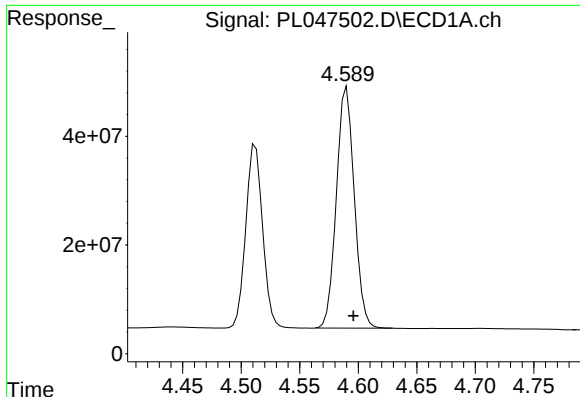
#4 Heptachlor

R.T.: 4.350 min  
Delta R.T.: -0.006 min  
Response: 494431382  
Conc: 44.85 ng/ml



#4 Heptachlor

R.T.: 5.155 min  
Delta R.T.: -0.007 min  
Response: 136710849  
Conc: 44.45 ng/ml m



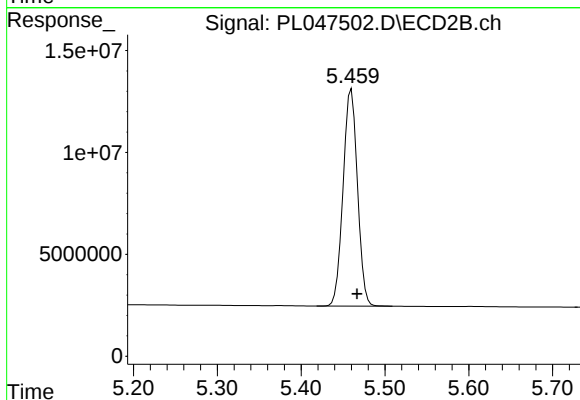
#5 Aldrin

R.T.: 4.590 min  
Delta R.T.: -0.006 min  
Response: 471280362  
Conc: 45.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118961BS

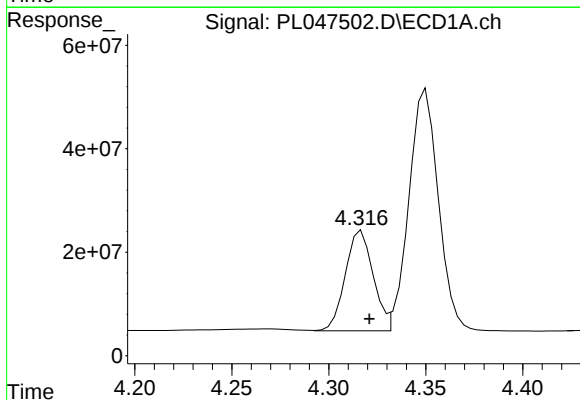
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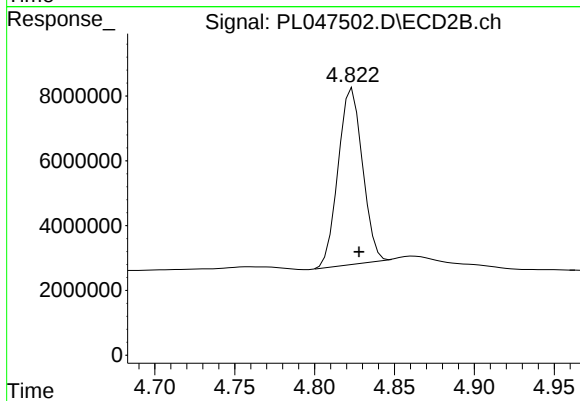
#5 Aldrin

R.T.: 5.460 min  
Delta R.T.: -0.007 min  
Response: 127136865  
Conc: 44.38 ng/ml



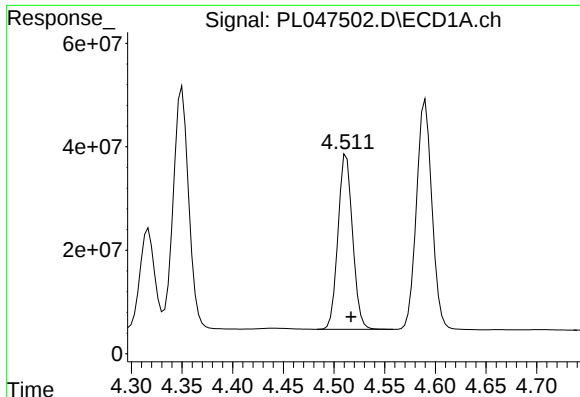
#6 beta-BHC

R.T.: 4.317 min  
Delta R.T.: -0.004 min  
Response: 193189203  
Conc: 42.91 ng/ml



#6 beta-BHC

R.T.: 4.824 min  
Delta R.T.: -0.004 min  
Response: 57620784  
Conc: 43.46 ng/ml



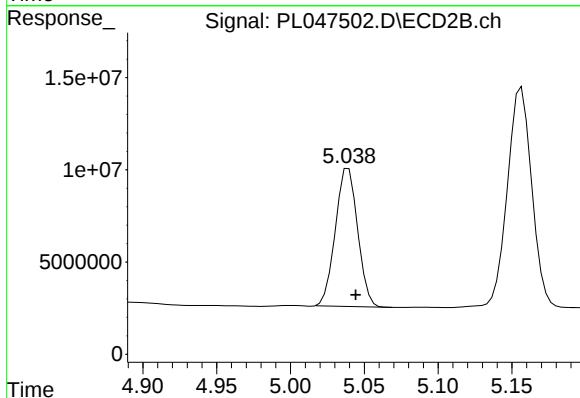
#7 delta-BHC

R.T.: 4.512 min  
Delta R.T.: -0.005 min  
Response: 338419931  
Conc: 33.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118961BS

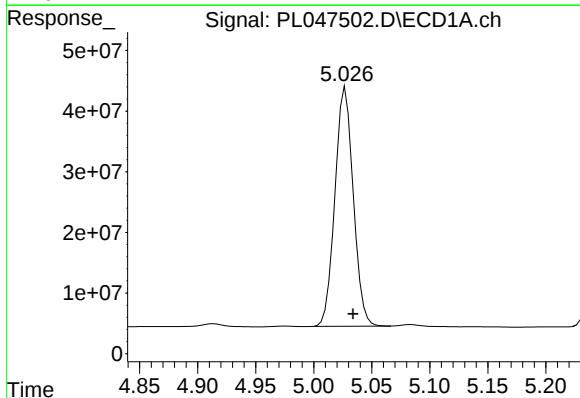
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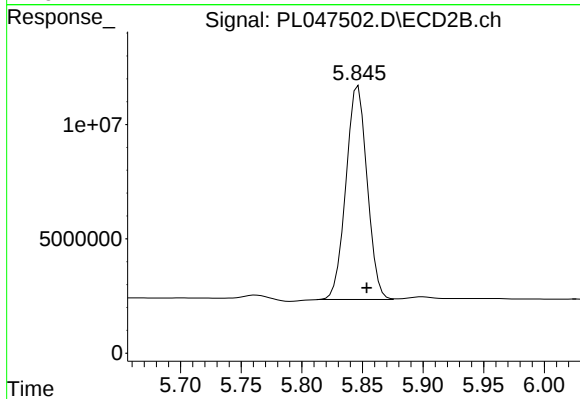
#7 delta-BHC

R.T.: 5.039 min  
Delta R.T.: -0.005 min  
Response: 78706819  
Conc: 33.92 ng/ml



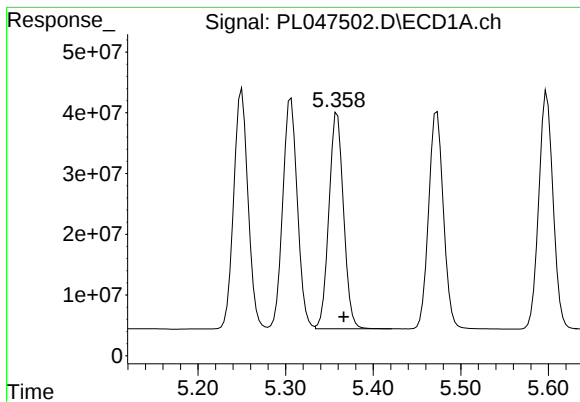
#8 Heptachlor epoxide

R.T.: 5.027 min  
Delta R.T.: -0.006 min  
Response: 433798755  
Conc: 44.48 ng/ml



#8 Heptachlor epoxide

R.T.: 5.845 min  
Delta R.T.: -0.008 min  
Response: 113576482  
Conc: 43.07 ng/ml m



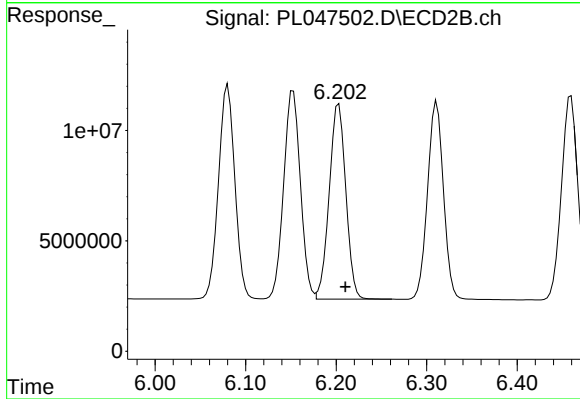
#9 Endosulfan I

R.T.: 5.359 min  
Delta R.T.: -0.007 min  
Response: 413423779  
Conc: 43.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118961BS

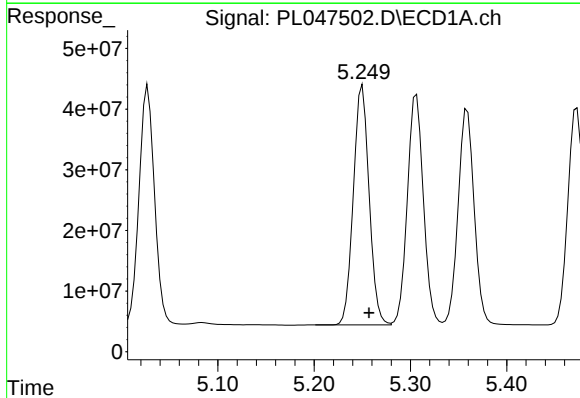
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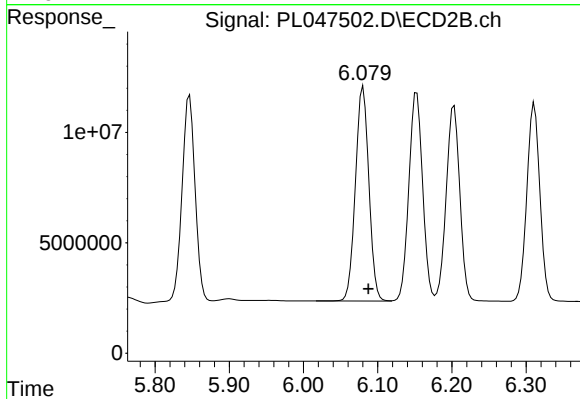
#9 Endosulfan I

R.T.: 6.203 min  
Delta R.T.: -0.007 min  
Response: 112789465  
Conc: 43.22 ng/ml



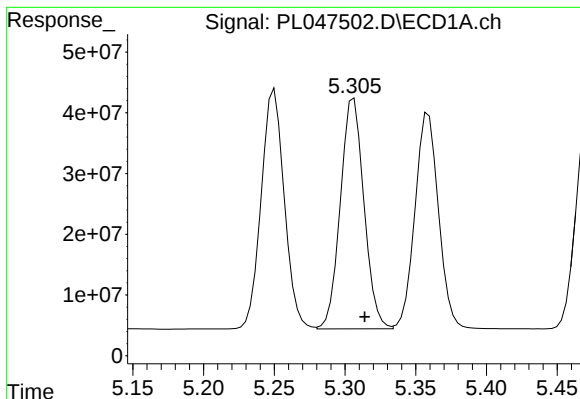
#10 gamma-Chlordane

R.T.: 5.250 min  
Delta R.T.: -0.007 min  
Response: 448903617  
Conc: 43.70 ng/ml



#10 gamma-Chlordane

R.T.: 6.080 min  
Delta R.T.: -0.007 min  
Response: 122249841  
Conc: 43.07 ng/ml



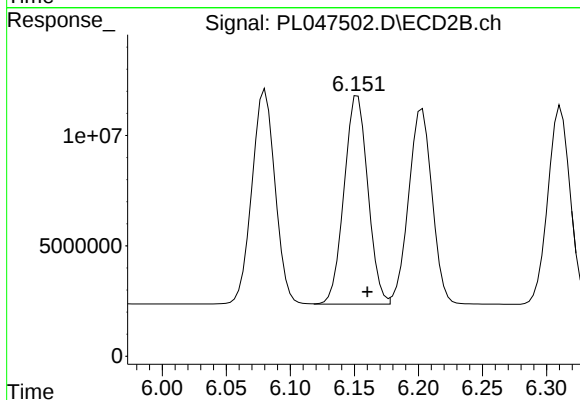
#11 alpha-Chlordane

R.T.: 5.306 min  
Delta R.T.: -0.008 min  
Response: 441451681  
Conc: 43.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118961BS

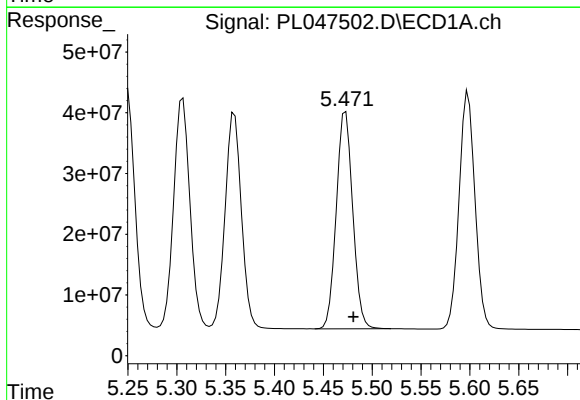
Manual Integrations  
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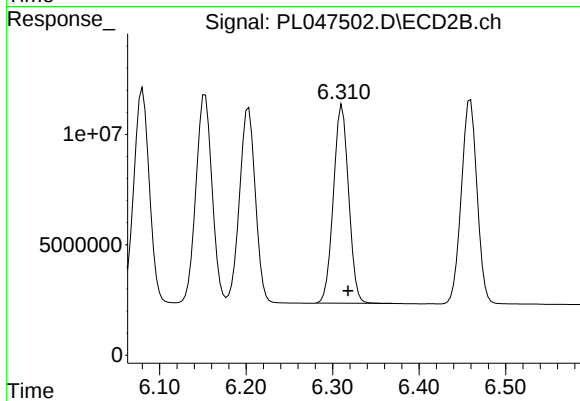
#11 alpha-Chlordane

R.T.: 6.153 min  
Delta R.T.: -0.008 min  
Response: 121738837  
Conc: 42.92 ng/ml



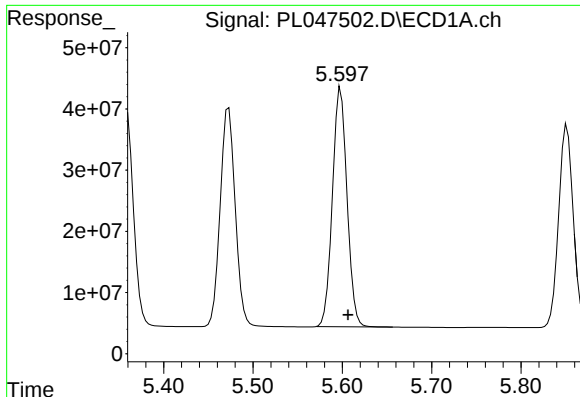
#12 4,4'-DDE

R.T.: 5.471 min  
Delta R.T.: -0.009 min  
Response: 419157412  
Conc: 45.53 ng/ml m



#12 4,4'-DDE

R.T.: 6.311 min  
Delta R.T.: -0.007 min  
Response: 109332023  
Conc: 44.04 ng/ml



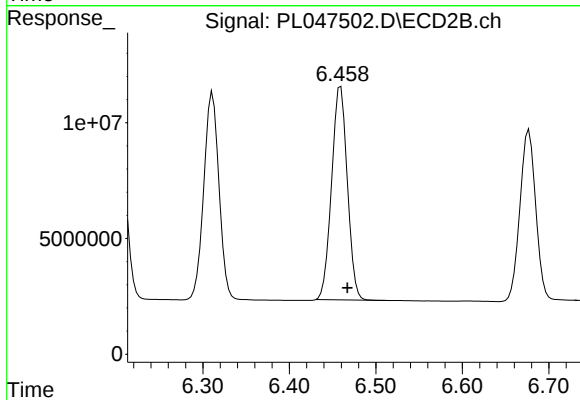
#13 Dieldrin

R.T.: 5.598 min  
Delta R.T.: -0.008 min  
Response: 443370402  
Conc: 44.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118961BS

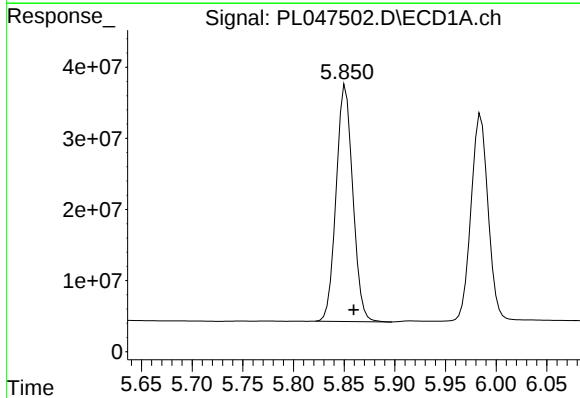
Manual Integrations  
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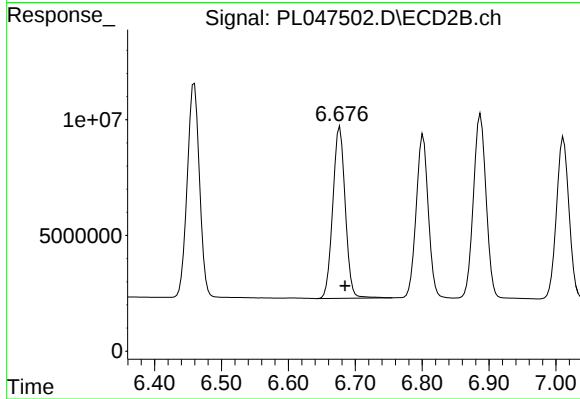
#13 Dieldrin

R.T.: 6.459 min  
Delta R.T.: -0.007 min  
Response: 116155610  
Conc: 42.85 ng/ml



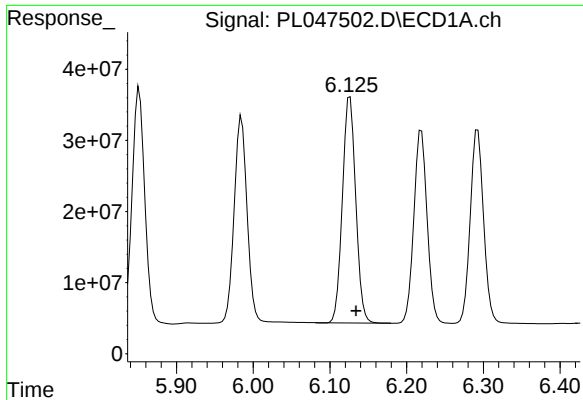
#14 Endrin

R.T.: 5.851 min  
Delta R.T.: -0.008 min  
Response: 380684828  
Conc: 40.42 ng/ml



#14 Endrin

R.T.: 6.677 min  
Delta R.T.: -0.007 min  
Response: 95430534  
Conc: 39.93 ng/ml



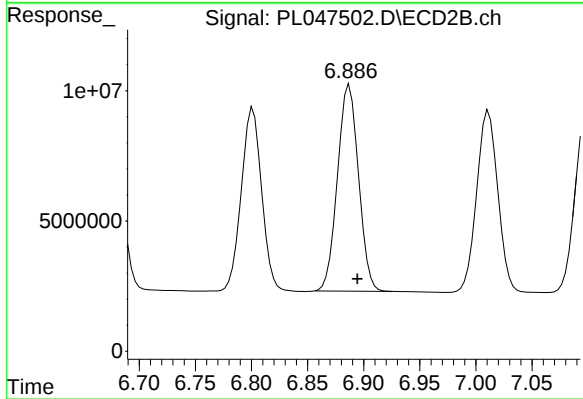
#15 Endosulfan II

R.T.: 6.126 min  
Delta R.T.: -0.008 min  
Response: 385093773  
Conc: 42.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118961BS

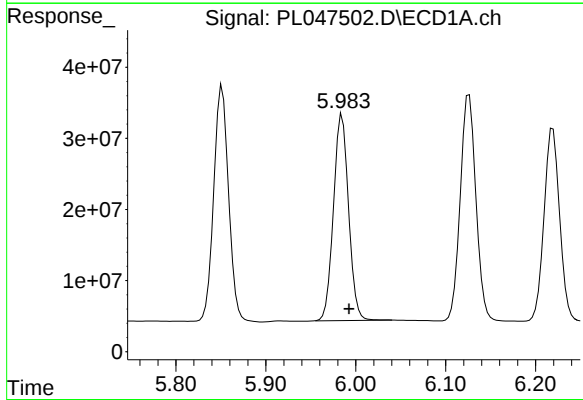
Manual Integrations  
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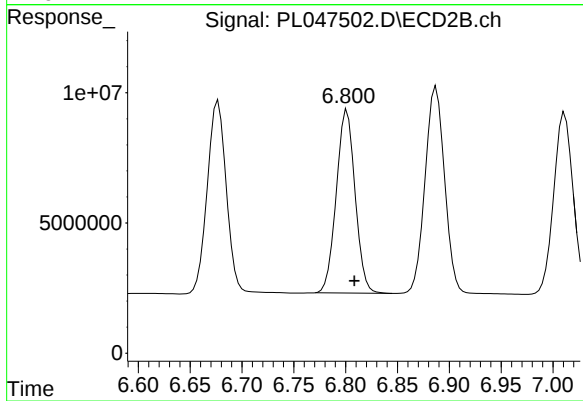
#15 Endosulfan II

R.T.: 6.887 min  
Delta R.T.: -0.007 min  
Response: 103441781  
Conc: 42.87 ng/ml



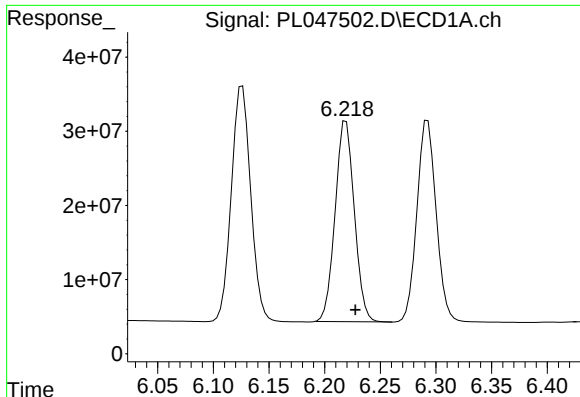
#16 4,4'-DDD

R.T.: 5.985 min  
Delta R.T.: -0.008 min  
Response: 338537898  
Conc: 44.79 ng/ml



#16 4,4'-DDD

R.T.: 6.801 min  
Delta R.T.: -0.007 min  
Response: 88754860  
Conc: 44.11 ng/ml



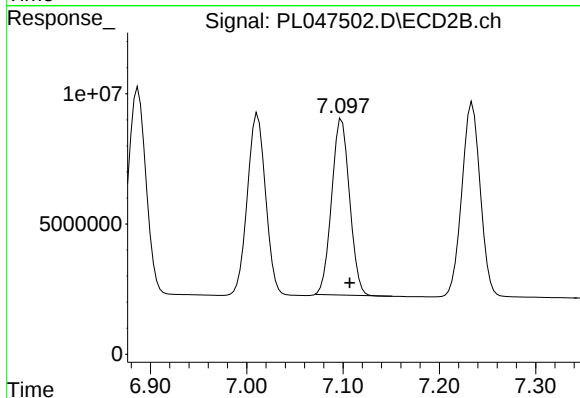
#17 4,4'-DDT

R.T.: 6.219 min  
Delta R.T.: -0.008 min  
Response: 324953527  
Conc: 42.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118961BS

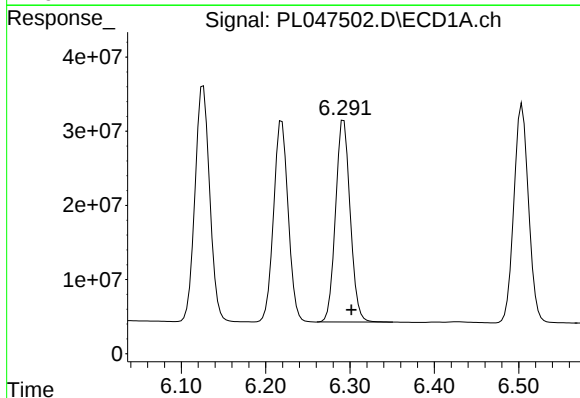
Manual Integrations  
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Sohil  
4/18/2019 10:44:56 AM



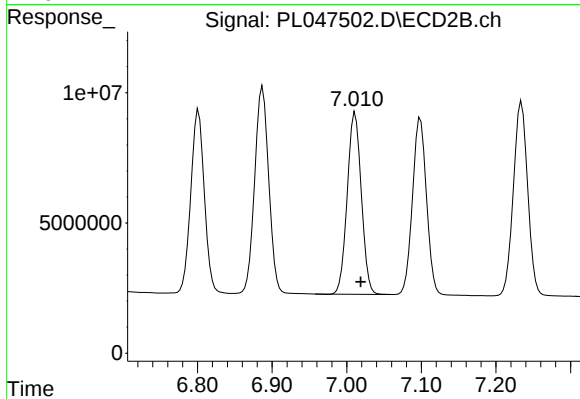
#17 4,4'-DDT

R.T.: 7.099 min  
Delta R.T.: -0.008 min  
Response: 87690537  
Conc: 41.82 ng/ml



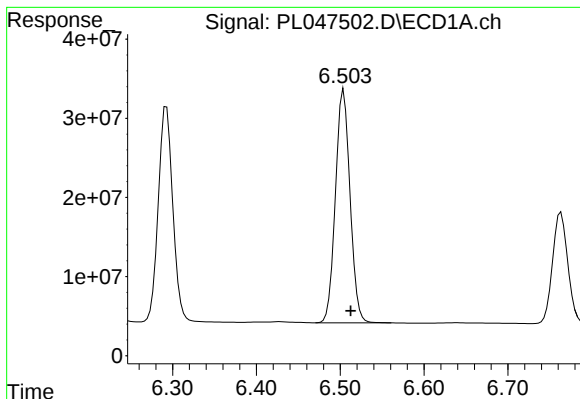
#18 Endrin aldehyde

R.T.: 6.293 min  
Delta R.T.: -0.009 min  
Response: 328445276  
Conc: 43.82 ng/ml



#18 Endrin aldehyde

R.T.: 7.011 min  
Delta R.T.: -0.007 min  
Response: 91438621  
Conc: 43.05 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.504 min

Delta R.T.: -0.009 min

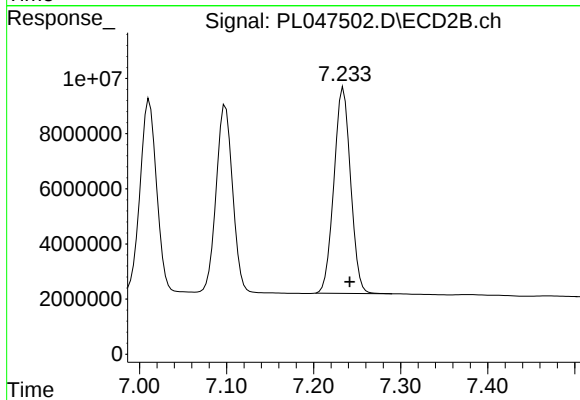
Response: 356697527

Conc: 43.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118961BS

Manual Integrations  
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Sohil  
4/18/2019 10:44:56 AM



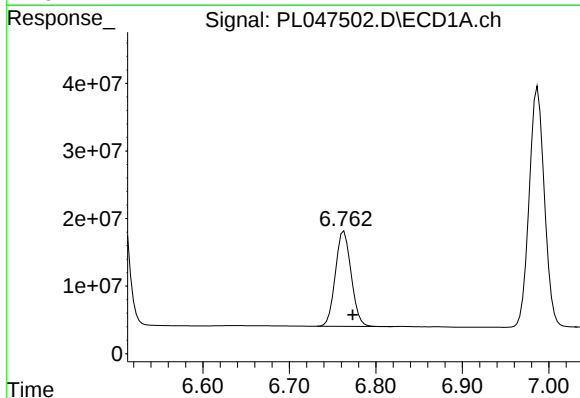
#19 Endosulfan Sulfate

R.T.: 7.234 min

Delta R.T.: -0.007 min

Response: 99434257

Conc: 42.15 ng/ml



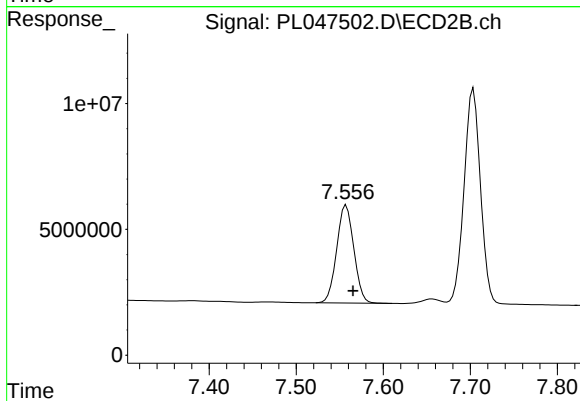
#20 Methoxychlor

R.T.: 6.763 min

Delta R.T.: -0.010 min

Response: 177705854

Conc: 41.81 ng/ml



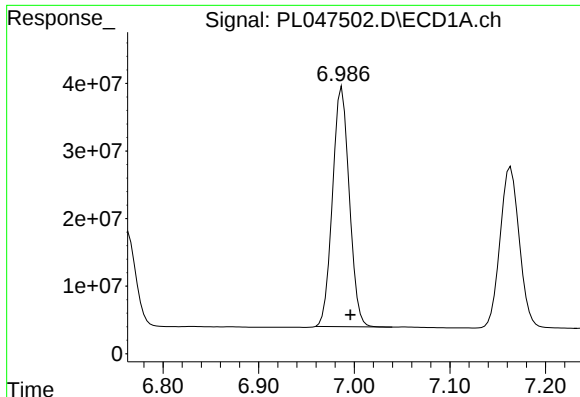
#20 Methoxychlor

R.T.: 7.558 min

Delta R.T.: -0.008 min

Response: 53127299

Conc: 41.68 ng/ml



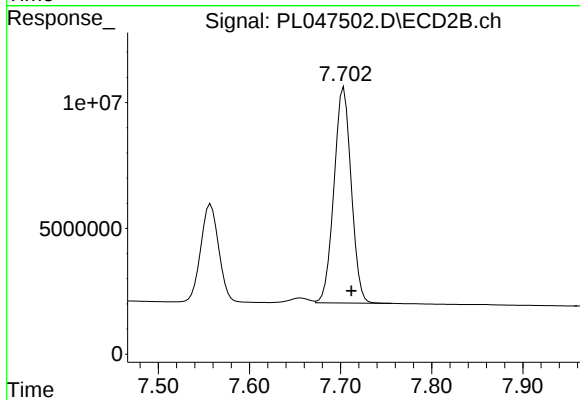
#21 Endrin ketone

R.T.: 6.987 min  
Delta R.T.: -0.009 min  
Response: 431559673  
Conc: 46.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118961BS

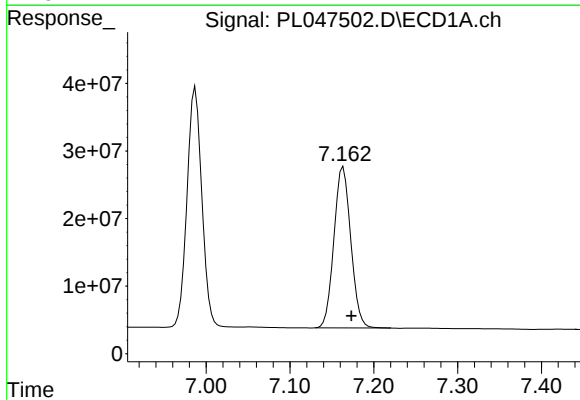
Manual Integrations  
APPROVED

Sohil  
4/18/2019 10:44:56 AM



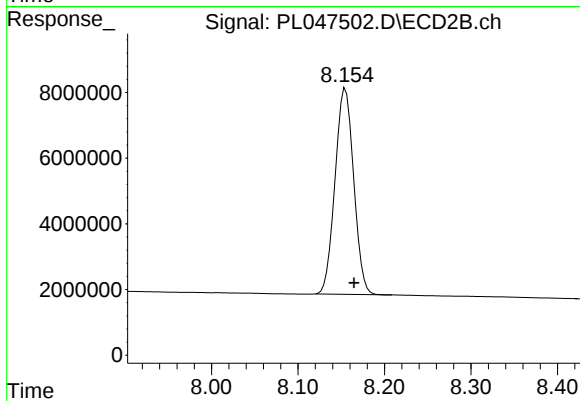
#21 Endrin ketone

R.T.: 7.704 min  
Delta R.T.: -0.008 min  
Response: 112492018  
Conc: 45.28 ng/ml



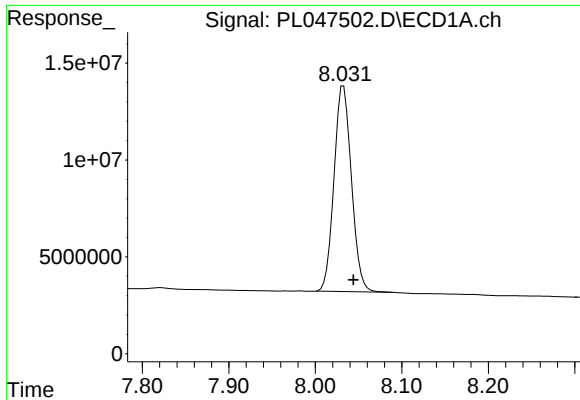
#22 Mirex

R.T.: 7.164 min  
Delta R.T.: -0.010 min  
Response: 332985005  
Conc: 45.70 ng/ml



#22 Mirex

R.T.: 8.155 min  
Delta R.T.: -0.010 min  
Response: 93666821  
Conc: 46.83 ng/ml



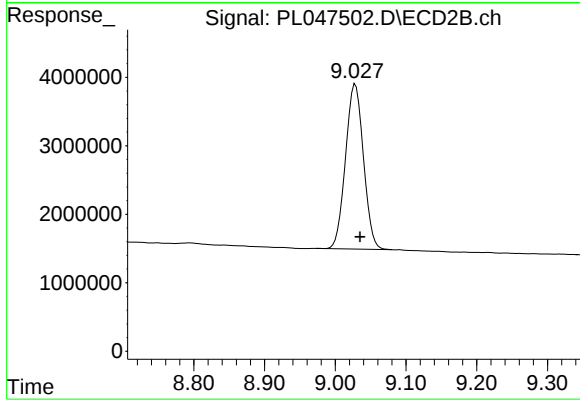
#28 Decachlorobiphenyl

R.T.: 8.033 min  
Delta R.T.: -0.011 min  
Response: 147924870  
Conc: 17.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB118961BS

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 9.028 min  
Delta R.T.: -0.007 min  
Response: 42469759  
Conc: 18.32 ng/ml