

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102318\  
 Data File : PD049991.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 23 Oct 2018 13:49  
 Operator : AJ\SJ  
 Sample : PB114050BS  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB114050BS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 24 02:16:59 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101818.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 19 07:43:29 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 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... | 4.232 | 4.061 | 9048570  | 457.7E6  | 15.093  | 17.834  |
| 28)                         | SA Decachlor... | 9.016 | 9.174 | 8720950  | 248.8E6  | 14.158  | 15.743  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 4.686 | 4.454 | 40367196 | 1979.1E6 | 47.768  | 53.075  |
| 3)                          | MA gamma-BHC... | 4.978 | 4.741 | 37565115 | 1742.8E6 | 46.172  | 51.556  |
| 4)                          | MA Heptachlor   | 5.291 | 5.255 | 36353743 | 1652.8E6 | 46.288  | 51.307  |
| 5)                          | MB Aldrin       | 5.550 | 5.563 | 35073769 | 1540.5E6 | 44.901  | 51.814  |
| 6)                          | B beta-BHC      | 5.217 | 4.909 | 17418195 | 774.2E6  | 46.658  | 53.774  |
| 7)                          | B delta-BHC     | 5.437 | 5.129 | 37050170 | 1711.4E6 | 47.319  | 53.847  |
| 8)                          | B Heptachlo...  | 5.992 | 5.950 | 33661381 | 1338.0E6 | 44.304  | 50.559  |
| 9)                          | A Endosulfan I  | 6.337 | 6.310 | 29863732 | 1105.3E6 | 42.259  | 47.358  |
| 10)                         | B gamma-Chl...  | 6.216 | 6.185 | 34610566 | 1275.8E6 | 44.238  | 48.598  |
| 11)                         | B alpha-Chl...  | 6.275 | 6.259 | 33838340 | 1219.3E6 | 43.116  | 48.609  |
| 12)                         | B 4,4'-DDE      | 6.417 | 6.413 | 30494659 | 1141.5E6 | 43.462m | 48.370  |
| 13)                         | MA Dieldrin     | 6.577 | 6.567 | 33657205 | 1159.2E6 | 44.847m | 48.053  |
| 14)                         | MA Endrin       | 6.838 | 6.785 | 26991185 | 910.5E6  | 41.566  | 47.362m |
| 15)                         | B Endosulfa...  | 7.101 | 6.994 | 29873957 | 927.1E6  | 41.951  | 46.764  |
| 16)                         | A 4,4'-DDD      | 6.929 | 6.904 | 24940641 | 880.0E6  | 44.861  | 49.274  |
| 17)                         | MA 4,4'-DDT     | 7.170 | 7.204 | 24186265 | 675.7E6  | 46.637  | 55.721  |
| 18)                         | B Endrin al...  | 7.265 | 7.118 | 23018966 | 744.5E6  | 43.211  | 47.078  |
| 19)                         | B Endosulfa...  | 7.472 | 7.341 | 27388678 | 818.4E6  | 42.386  | 45.629  |
| 20)                         | A Methoxychlor  | 7.695 | 7.661 | 14059482 | 355.7E6  | 47.772  | 53.135  |
| 21)                         | B Endrin ke...  | 7.967 | 7.815 | 30924283 | 785.6E6  | 44.977  | 47.457  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102318\  
Data File : PD049991.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 23 Oct 2018 13:49  
Operator : AJ\SJ  
Sample : PB114050BS  
Misc :  
ALS Vial : 14 Sample Multiplier: 1

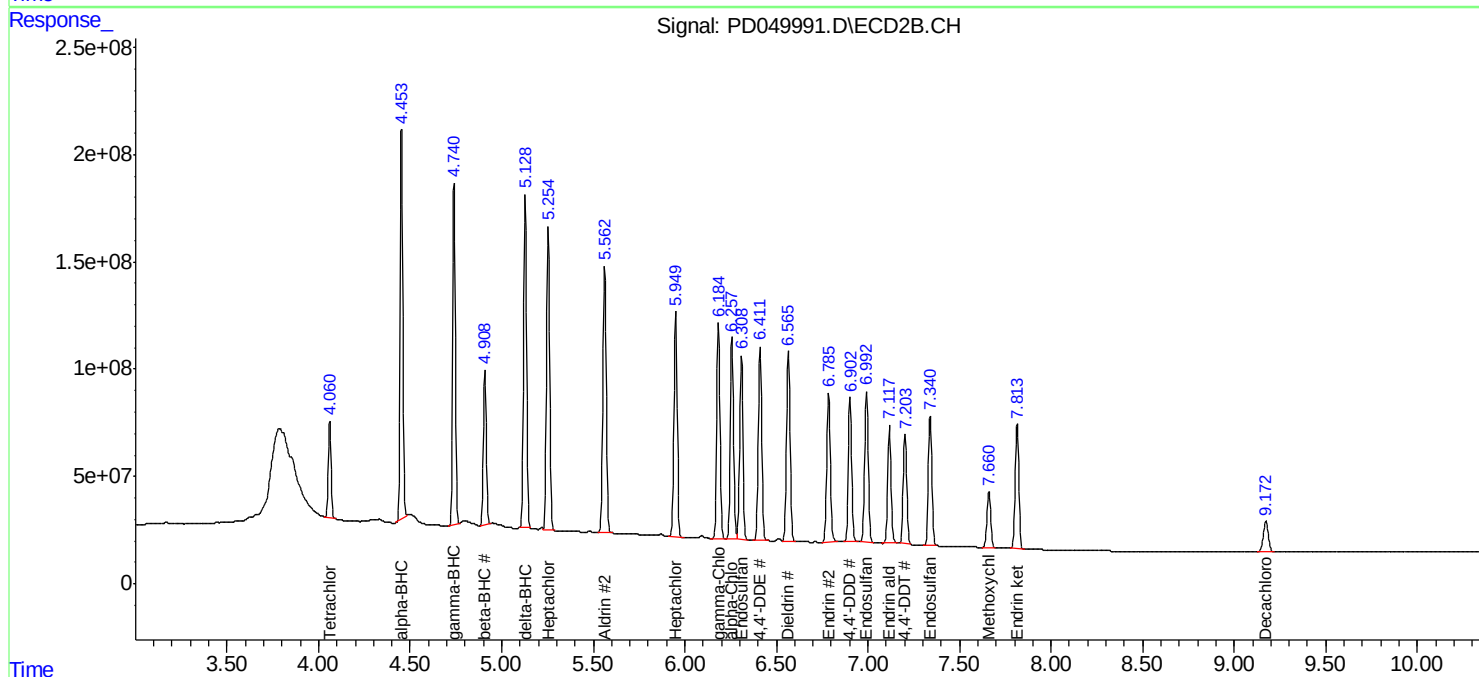
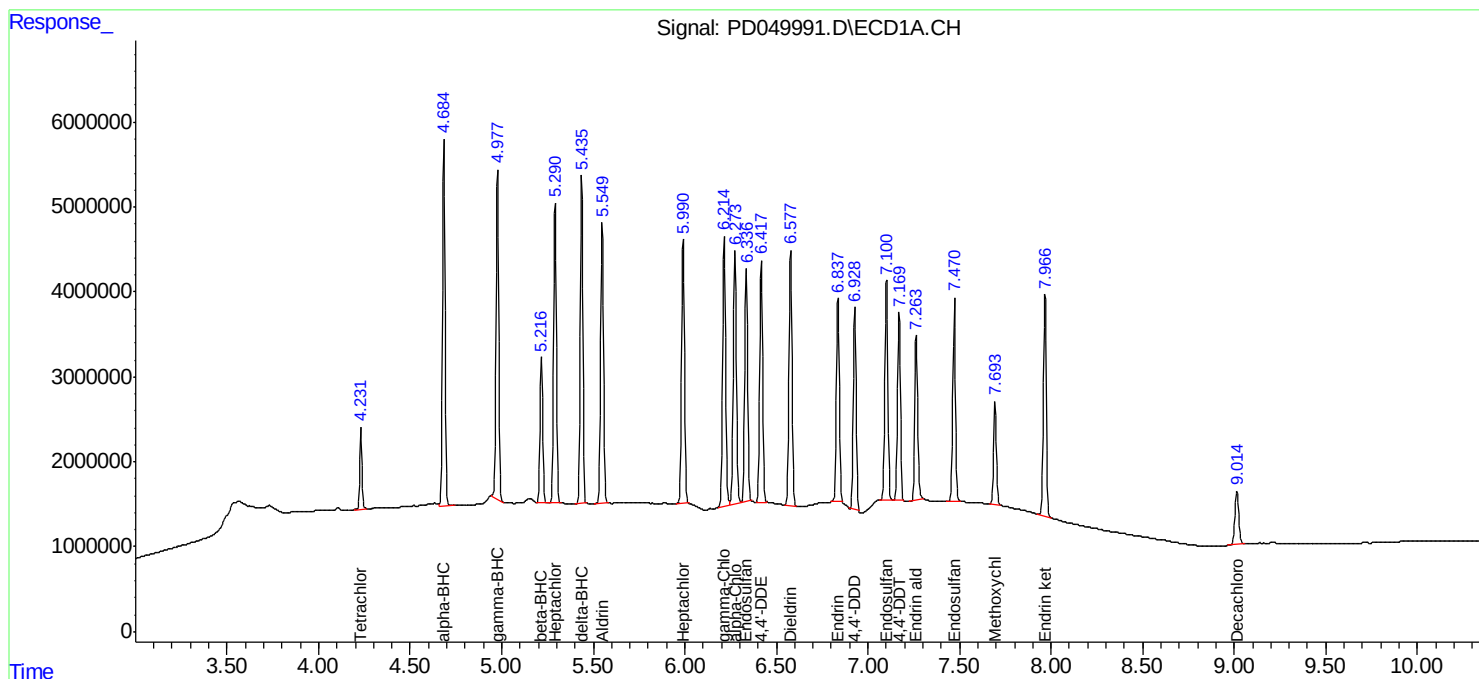
Instrument :  
ECD\_D  
ClientSampleId :  
PB114050BS

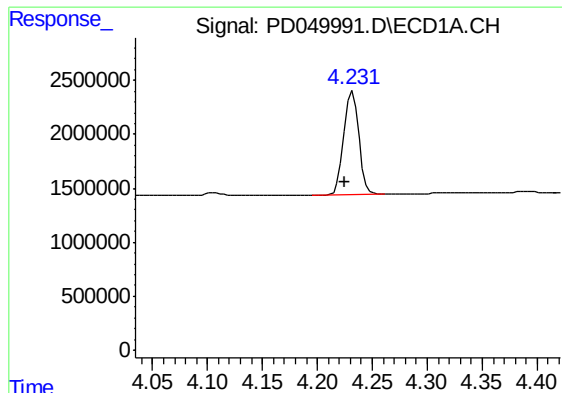
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 02:16:59 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101818.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 19 07:43:29 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 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





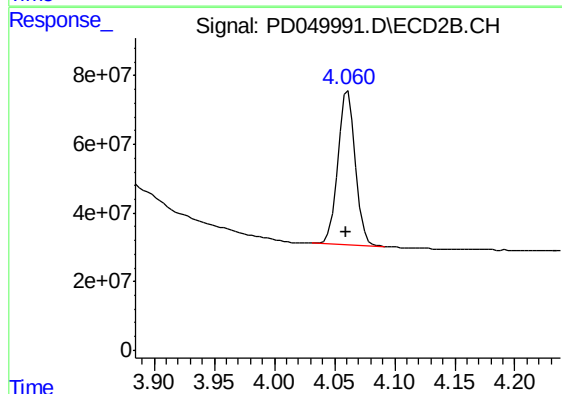
#1 Tetrachloro-m-xylene

R.T.: 4.232 min  
Delta R.T.: 0.007 min  
Response: 9048570  
Conc: 15.09 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB114050BS

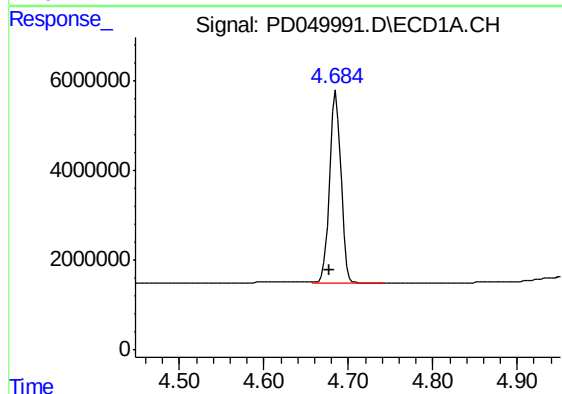
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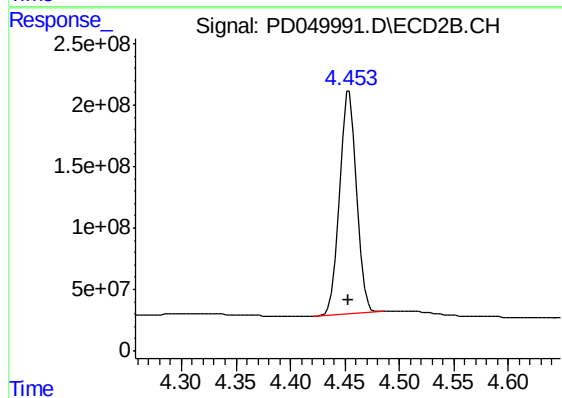
#1 Tetrachloro-m-xylene

R.T.: 4.061 min  
Delta R.T.: 0.001 min  
Response: 457673580  
Conc: 17.83 ng/ml



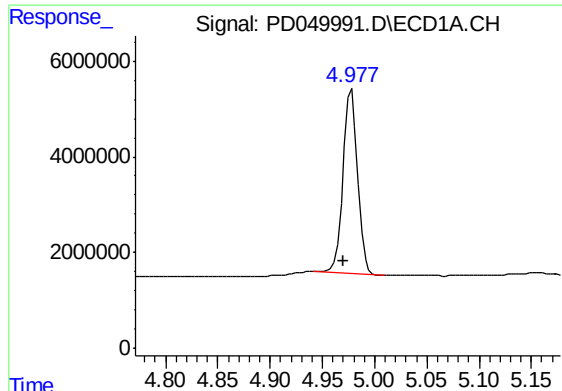
#2 alpha-BHC

R.T.: 4.686 min  
Delta R.T.: 0.008 min  
Response: 40367196  
Conc: 47.77 ng/ml



#2 alpha-BHC

R.T.: 4.454 min  
Delta R.T.: 0.000 min  
Response: 1979077933  
Conc: 53.07 ng/ml



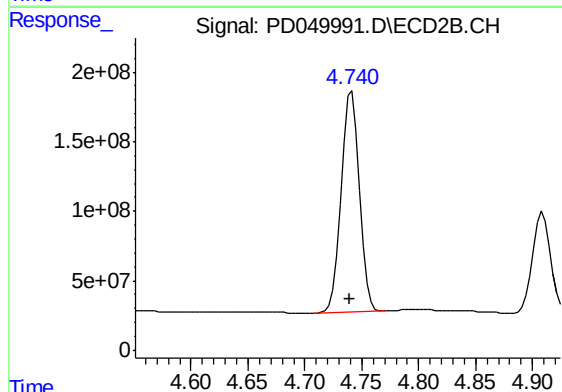
#3 gamma-BHC (Lindane)

R.T.: 4.978 min  
Delta R.T.: 0.008 min  
Response: 37565115  
Conc: 46.17 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB114050BS

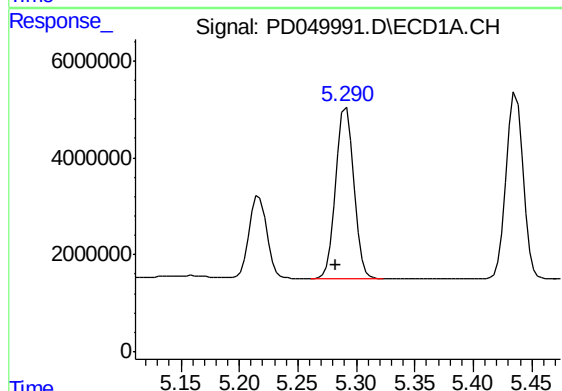
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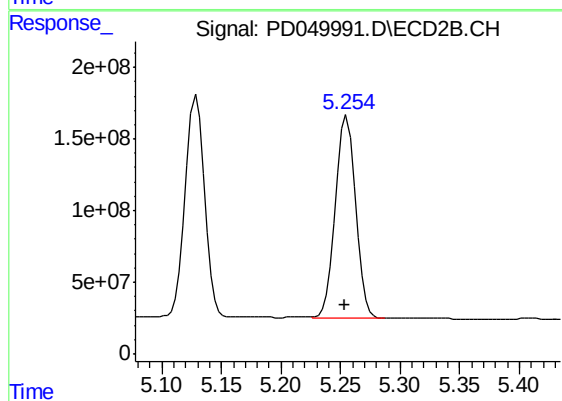
#3 gamma-BHC (Lindane)

R.T.: 4.741 min  
Delta R.T.: 0.002 min  
Response: 1742796755  
Conc: 51.56 ng/ml



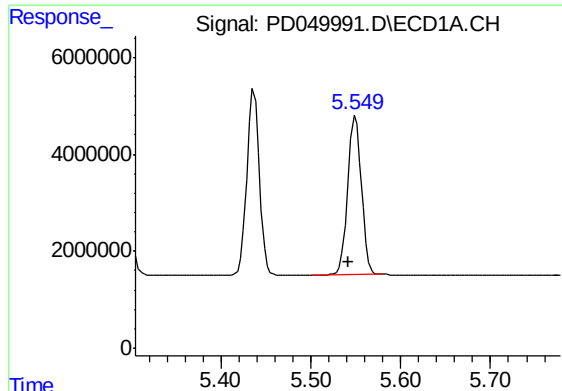
#4 Heptachlor

R.T.: 5.291 min  
Delta R.T.: 0.008 min  
Response: 36353743  
Conc: 46.29 ng/ml



#4 Heptachlor

R.T.: 5.255 min  
Delta R.T.: 0.002 min  
Response: 1652769842  
Conc: 51.31 ng/ml



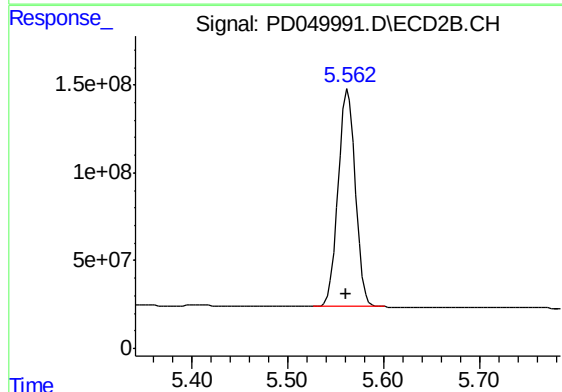
#5 Aldrin

R.T.: 5.550 min  
Delta R.T.: 0.008 min  
Response: 35073769  
Conc: 44.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB114050BS

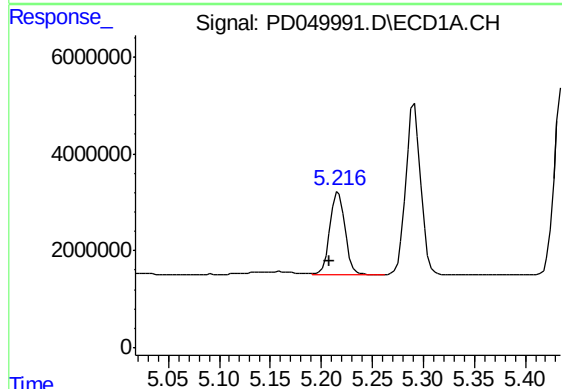
Manual Integrations  
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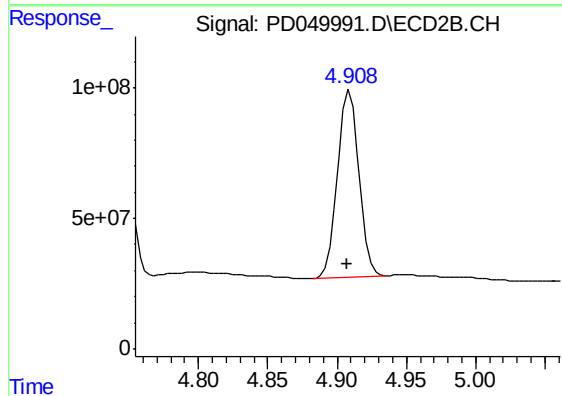
#5 Aldrin

R.T.: 5.563 min  
Delta R.T.: 0.002 min  
Response: 1540502979  
Conc: 51.81 ng/ml



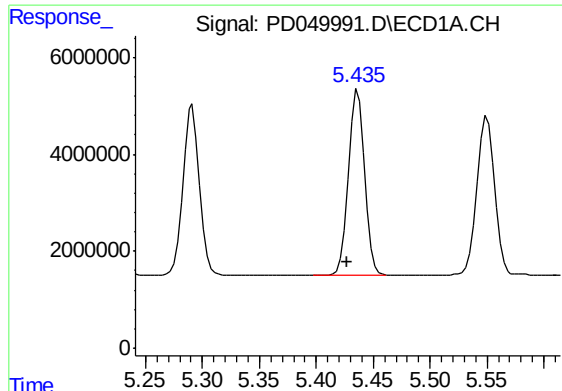
#6 beta-BHC

R.T.: 5.217 min  
Delta R.T.: 0.009 min  
Response: 17418195  
Conc: 46.66 ng/ml



#6 beta-BHC

R.T.: 4.909 min  
Delta R.T.: 0.002 min  
Response: 774156456  
Conc: 53.77 ng/ml



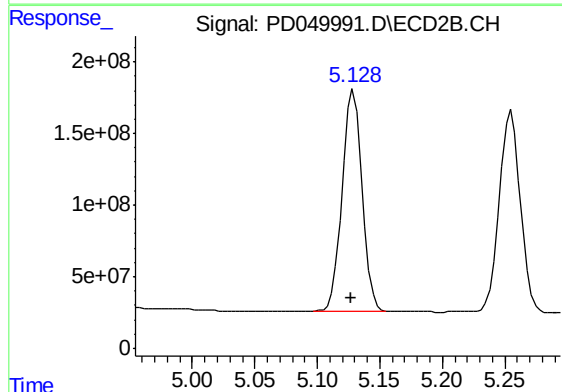
#7 delta-BHC

R.T.: 5.437 min  
Delta R.T.: 0.009 min  
Response: 37050170  
Conc: 47.32 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB114050BS

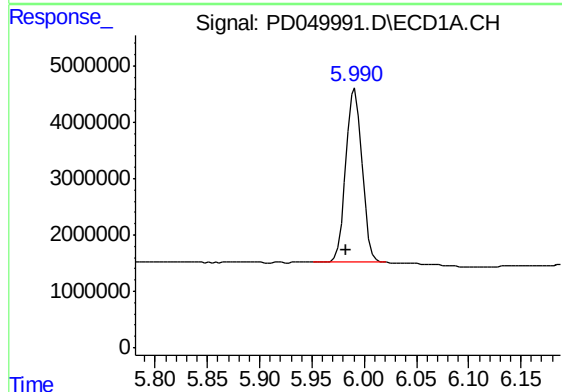
Manual Integrations  
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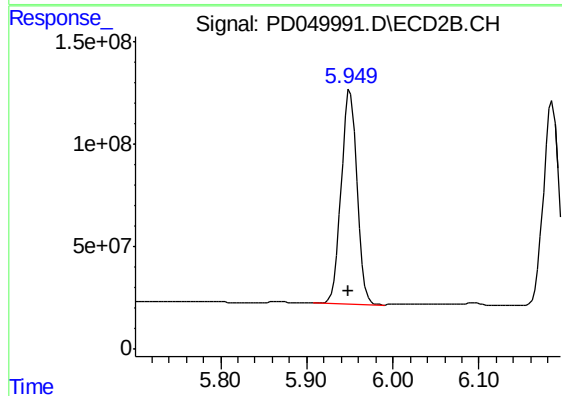
#7 delta-BHC

R.T.: 5.129 min  
Delta R.T.: 0.002 min  
Response: 1711352446  
Conc: 53.85 ng/ml



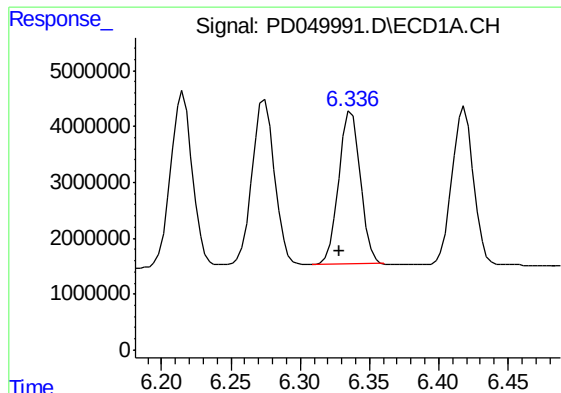
#8 Heptachlor epoxide

R.T.: 5.992 min  
Delta R.T.: 0.008 min  
Response: 33661381  
Conc: 44.30 ng/ml



#8 Heptachlor epoxide

R.T.: 5.950 min  
Delta R.T.: 0.002 min  
Response: 1337974940  
Conc: 50.56 ng/ml



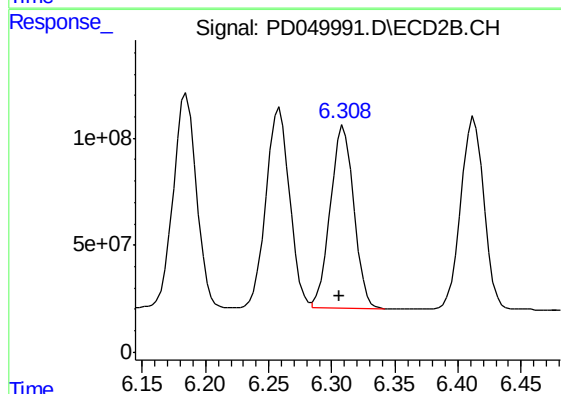
#9 Endosulfan I

R.T.: 6.337 min  
Delta R.T.: 0.009 min  
Response: 29863732  
Conc: 42.26 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB114050BS

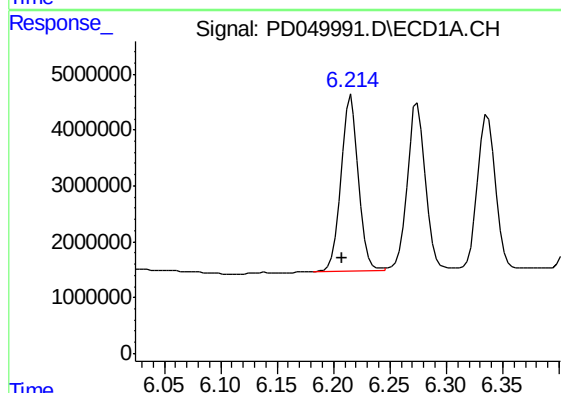
Manual Integrations  
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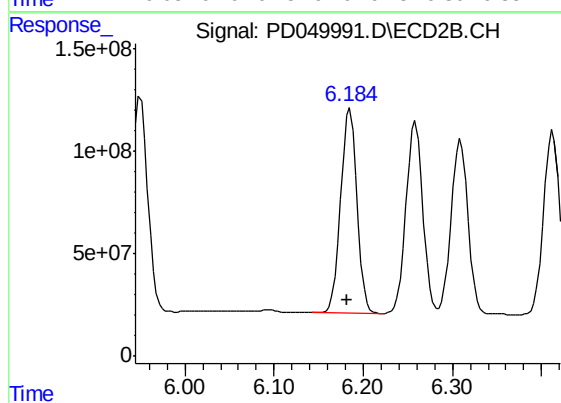
#9 Endosulfan I

R.T.: 6.310 min  
Delta R.T.: 0.003 min  
Response: 1105309829  
Conc: 47.36 ng/ml



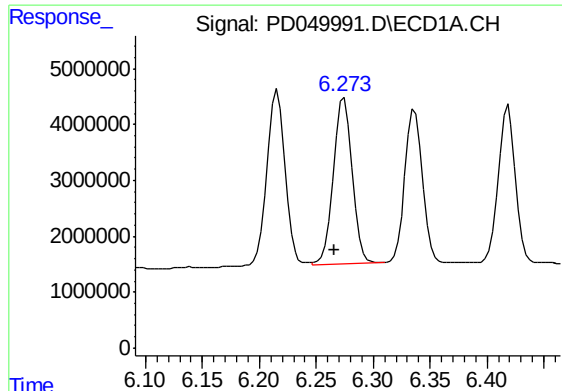
#10 gamma-Chlordane

R.T.: 6.216 min  
Delta R.T.: 0.008 min  
Response: 34610566  
Conc: 44.24 ng/ml



#10 gamma-Chlordane

R.T.: 6.185 min  
Delta R.T.: 0.003 min  
Response: 1275772409  
Conc: 48.60 ng/ml



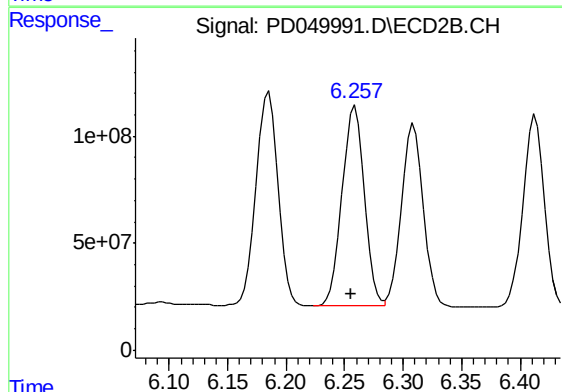
#11 alpha-Chlordane

R.T.: 6.275 min  
Delta R.T.: 0.008 min  
Response: 33838340  
Conc: 43.12 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB114050BS

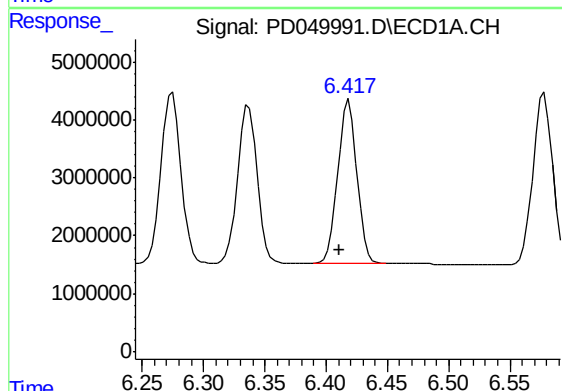
Manual Integrations  
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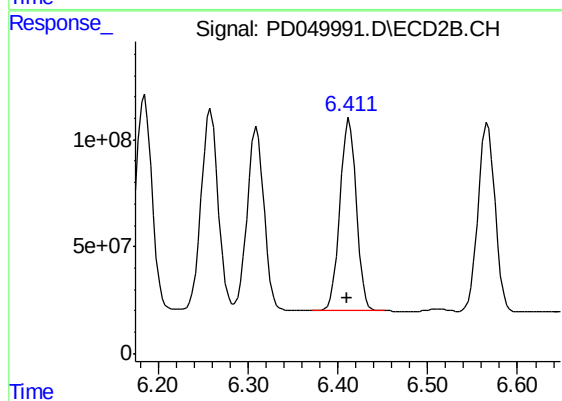
#11 alpha-Chlordane

R.T.: 6.259 min  
Delta R.T.: 0.003 min  
Response: 1219342314  
Conc: 48.61 ng/ml



#12 4,4'-DDE

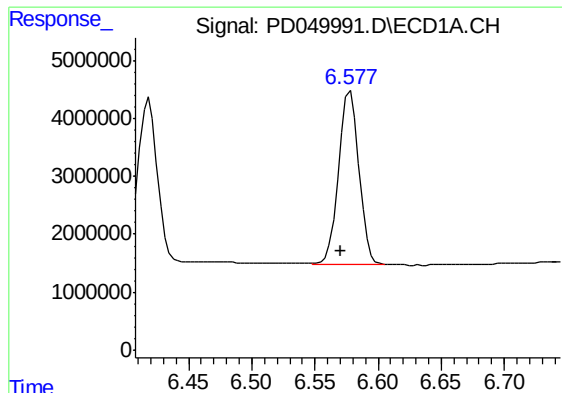
R.T.: 6.417 min  
Delta R.T.: 0.007 min  
Response: 30494659  
Conc: 43.46 ng/ml m



#12 4,4'-DDE

R.T.: 6.413 min  
Delta R.T.: 0.003 min  
Response: 1141543902  
Conc: 48.37 ng/ml





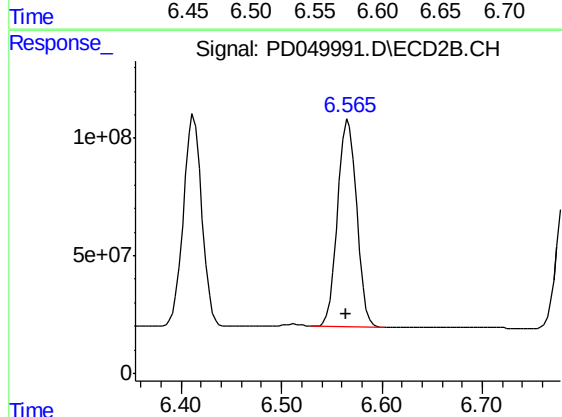
#13 Dieldrin

R.T.: 6.577 min  
Delta R.T.: 0.007 min  
Response: 33657205  
Conc: 44.85 ng/ml m

Instrument :  
ECD\_D  
ClientSampleId :  
PB114050BS

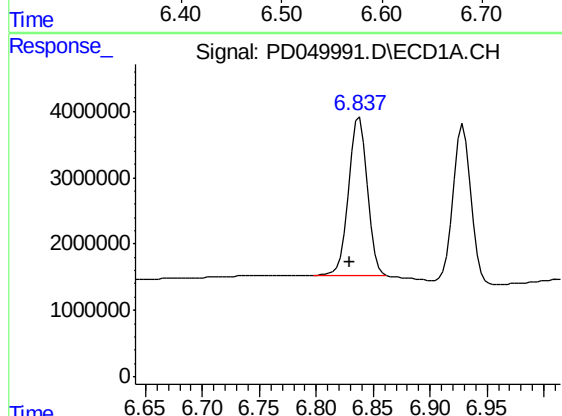
Manual Integrations  
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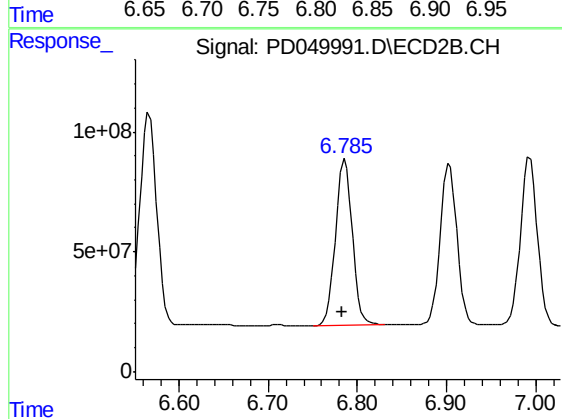
#13 Dieldrin

R.T.: 6.567 min  
Delta R.T.: 0.003 min  
Response: 1159213924  
Conc: 48.05 ng/ml



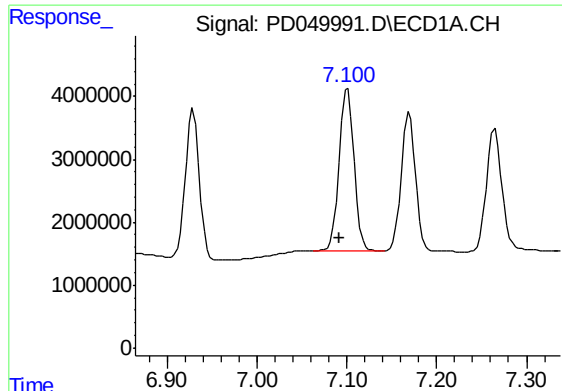
#14 Endrin

R.T.: 6.838 min  
Delta R.T.: 0.009 min  
Response: 26991185  
Conc: 41.57 ng/ml



#14 Endrin

R.T.: 6.785 min  
Delta R.T.: 0.002 min  
Response: 910544521  
Conc: 47.36 ng/ml m



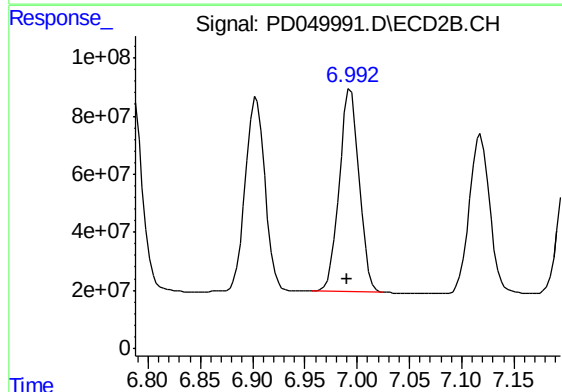
#15 Endosulfan II

R.T.: 7.101 min  
Delta R.T.: 0.008 min  
Response: 29873957  
Conc: 41.95 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB114050BS

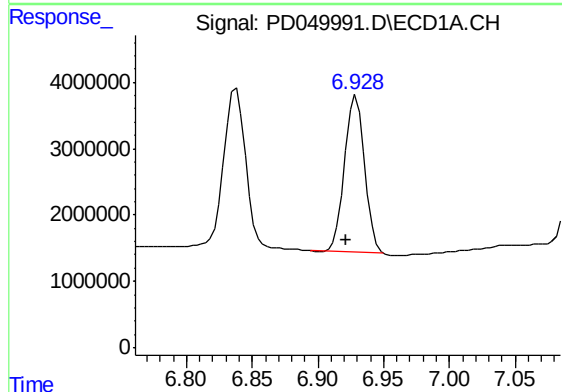
Manual Integrations  
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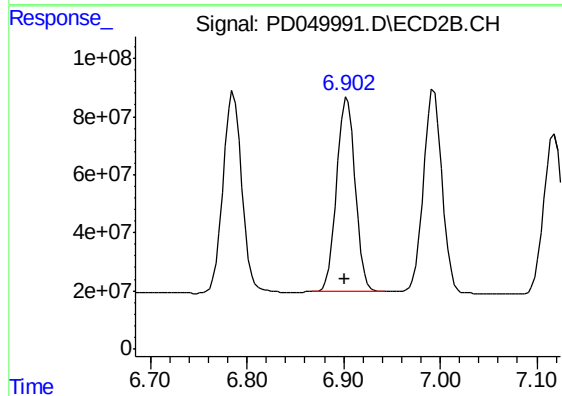
#15 Endosulfan II

R.T.: 6.994 min  
Delta R.T.: 0.003 min  
Response: 927088550  
Conc: 46.76 ng/ml



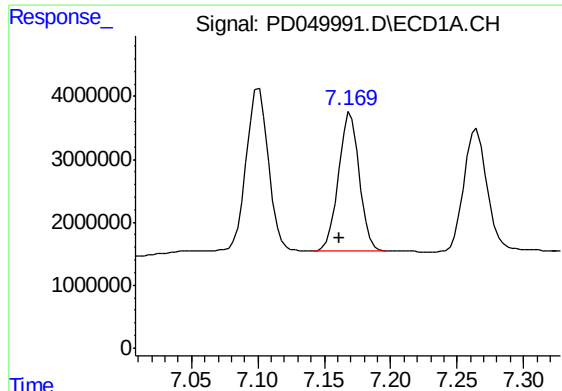
#16 4,4'-DDD

R.T.: 6.929 min  
Delta R.T.: 0.008 min  
Response: 24940641  
Conc: 44.86 ng/ml



#16 4,4'-DDD

R.T.: 6.904 min  
Delta R.T.: 0.003 min  
Response: 879963817  
Conc: 49.27 ng/ml



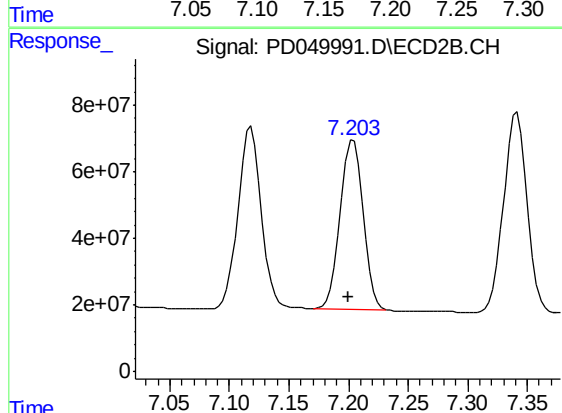
#17 4,4'-DDT

R.T.: 7.170 min  
Delta R.T.: 0.008 min  
Response: 24186265  
Conc: 46.64 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB114050BS

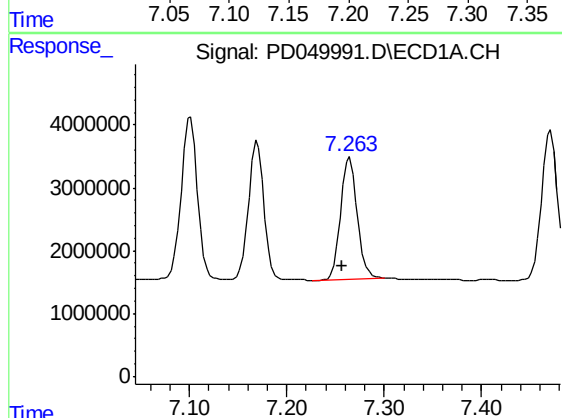
Manual Integrations  
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10/24/2018 2:05:50 PM



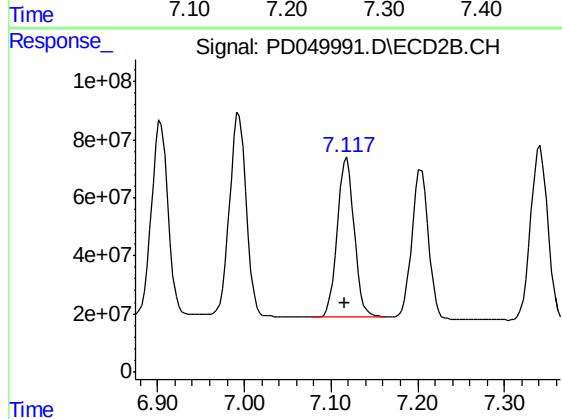
#17 4,4'-DDT

R.T.: 7.204 min  
Delta R.T.: 0.004 min  
Response: 675731174  
Conc: 55.72 ng/ml



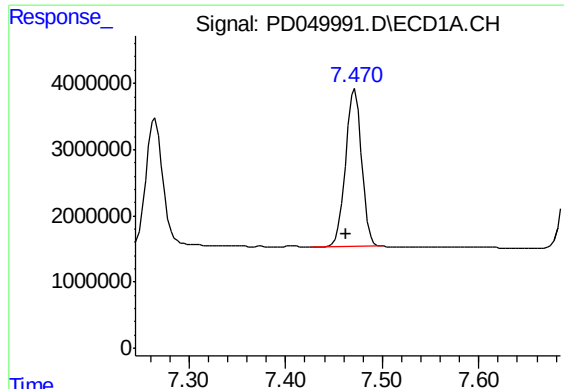
#18 Endrin aldehyde

R.T.: 7.265 min  
Delta R.T.: 0.008 min  
Response: 23018966  
Conc: 43.21 ng/ml



#18 Endrin aldehyde

R.T.: 7.118 min  
Delta R.T.: 0.003 min  
Response: 744513866  
Conc: 47.08 ng/ml



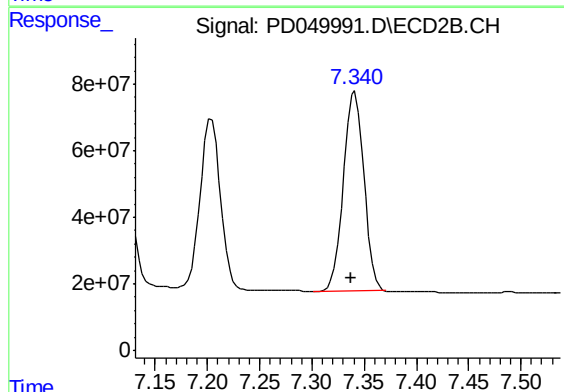
#19 Endosulfan Sulfate

R.T.: 7.472 min  
Delta R.T.: 0.009 min  
Response: 27388678  
Conc: 42.39 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB114050BS

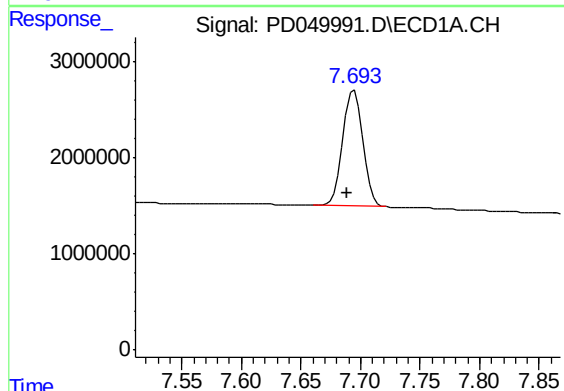
Manual Integrations  
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10/24/2018 2:05:50 PM



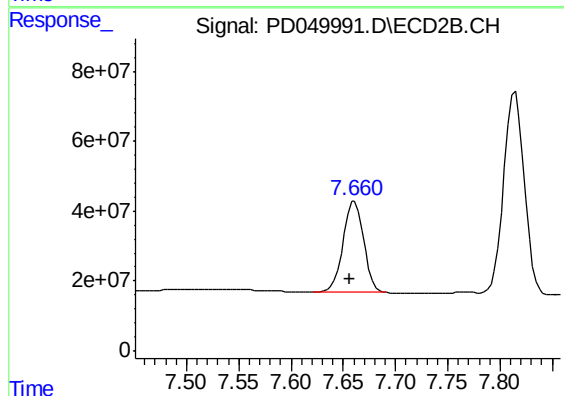
#19 Endosulfan Sulfate

R.T.: 7.341 min  
Delta R.T.: 0.003 min  
Response: 818442240  
Conc: 45.63 ng/ml



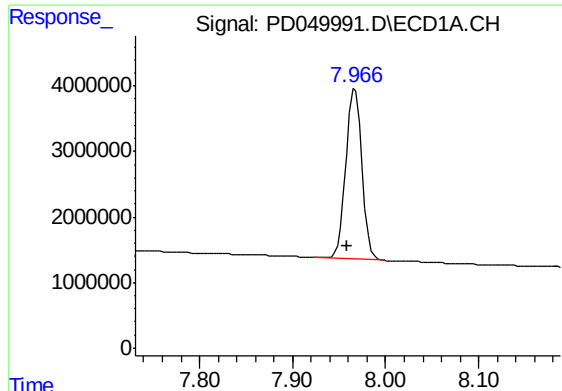
#20 Methoxychlor

R.T.: 7.695 min  
Delta R.T.: 0.006 min  
Response: 14059482  
Conc: 47.77 ng/ml



#20 Methoxychlor

R.T.: 7.661 min  
Delta R.T.: 0.005 min  
Response: 355655039  
Conc: 53.13 ng/ml



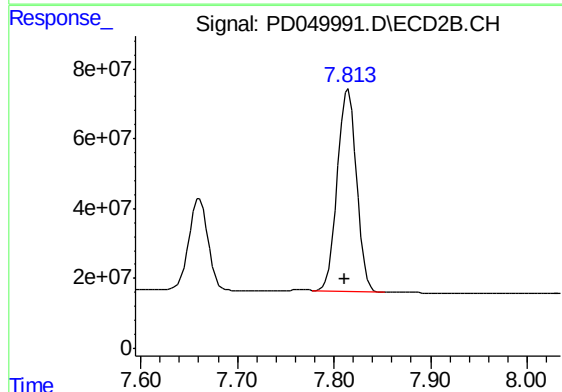
#21 Endrin ketone

R.T.: 7.967 min  
Delta R.T.: 0.008 min  
Response: 30924283  
Conc: 44.98 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB114050BS

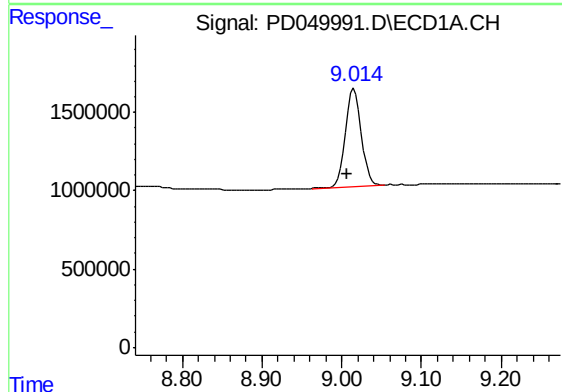
Manual Integrations  
APPROVED

Sohil  
10/24/2018 2:05:50 PM



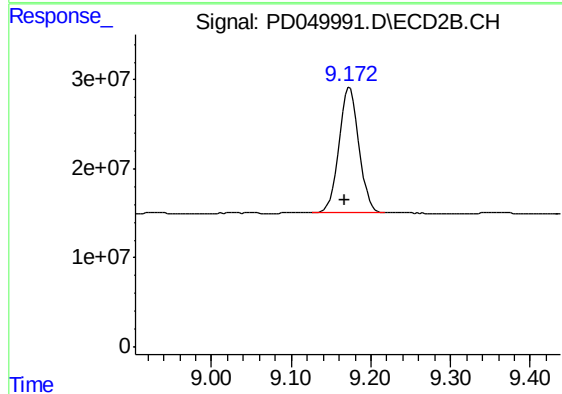
#21 Endrin ketone

R.T.: 7.815 min  
Delta R.T.: 0.003 min  
Response: 785595922  
Conc: 47.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.016 min  
Delta R.T.: 0.009 min  
Response: 8720950  
Conc: 14.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.174 min  
Delta R.T.: 0.006 min  
Response: 248764877  
Conc: 15.74 ng/ml