

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121018\  
 Data File : PD050692.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 10 Dec 2018 14:28  
 Operator : AJ\SJ  
 Sample : PB115364BS  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleID :  
 PB115364BS

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 11 03:42:39 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111618.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Nov 16 02:59:21 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... | 3.227 | 4.043 | 28206131 | 537.8E6  | 19.383 | 19.524  |
| 28)                         | SA Decachlor... | 7.832 | 9.150 | 31777614 | 399.1E6  | 21.466 | 19.718  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.648 | 4.436 | 117.3E6  | 1833.3E6 | 49.948 | 43.195  |
| 3)                          | MA gamma-BHC... | 3.916 | 4.723 | 110.3E6  | 1662.1E6 | 47.270 | 43.691  |
| 4)                          | MA Heptachlor   | 4.194 | 5.237 | 112.9E6  | 1650.8E6 | 51.181 | 43.556  |
| 5)                          | MB Aldrin       | 4.427 | 5.544 | 114.2E6  | 1601.5E6 | 49.847 | 44.785  |
| 6)                          | B beta-BHC      | 4.162 | 4.892 | 42528161 | 713.2E6  | 46.517 | 42.985  |
| 7)                          | B delta-BHC     | 4.350 | 5.110 | 96260747 | 1436.4E6 | 44.153 | 38.474m |
| 8)                          | B Heptachlo...  | 4.854 | 5.931 | 103.4E6  | 1412.2E6 | 48.667 | 44.428  |
| 9)                          | A Endosulfan I  | 5.176 | 6.290 | 95564076 | 1273.9E6 | 47.426 | 44.879  |
| 10)                         | B gamma-Chl...  | 5.072 | 6.166 | 106.1E6  | 1421.6E6 | 48.167 | 44.858  |
| 11)                         | B alpha-Chl...  | 5.128 | 6.240 | 103.9E6  | 1367.1E6 | 47.685 | 44.964  |
| 12)                         | B 4,4'-DDE      | 5.298 | 6.395 | 97531366 | 1338.0E6 | 47.590 | 45.503  |
| 13)                         | MA Dieldrin     | 5.412 | 6.548 | 104.9E6  | 1356.6E6 | 47.519 | 45.019  |
| 14)                         | MA Endrin       | 5.660 | 6.767 | 95553190 | 1126.7E6 | 49.733 | 46.746  |
| 15)                         | B Endosulfa...  | 5.929 | 6.975 | 88240201 | 1122.0E6 | 46.290 | 45.968  |
| 16)                         | A 4,4'-DDD      | 5.800 | 6.885 | 78542320 | 1063.2E6 | 45.823 | 46.561  |
| 17)                         | MA 4,4'-DDT     | 6.031 | 7.186 | 83200388 | 1010.7E6 | 46.955 | 48.967  |
| 18)                         | B Endrin al...  | 6.096 | 7.100 | 70879339 | 923.5E6  | 46.755 | 45.669  |
| 19)                         | B Endosulfa...  | 6.305 | 7.323 | 83439932 | 1036.3E6 | 44.985 | 42.534  |
| 20)                         | A Methoxychlor  | 6.578 | 7.643 | 44194881 | 480.7E6  | 46.301 | 43.234  |
| 21)                         | B Endrin ke...  | 6.779 | 7.796 | 98918653 | 1099.8E6 | 45.761 | 47.451  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD121018\  
Data File : PD050692.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 10 Dec 2018 14:28  
Operator : AJ\SJ  
Sample : PB115364BS  
Misc :  
ALS Vial : 5 Sample Multiplier: 1

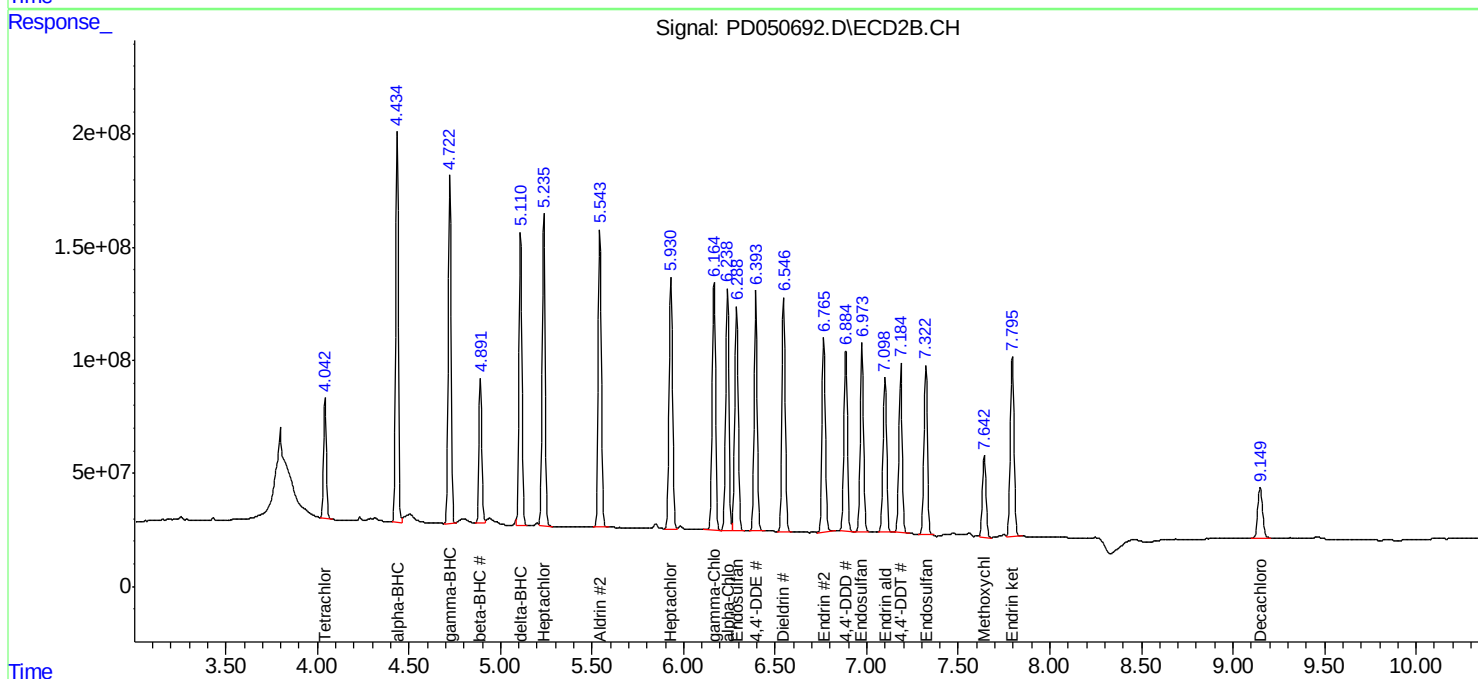
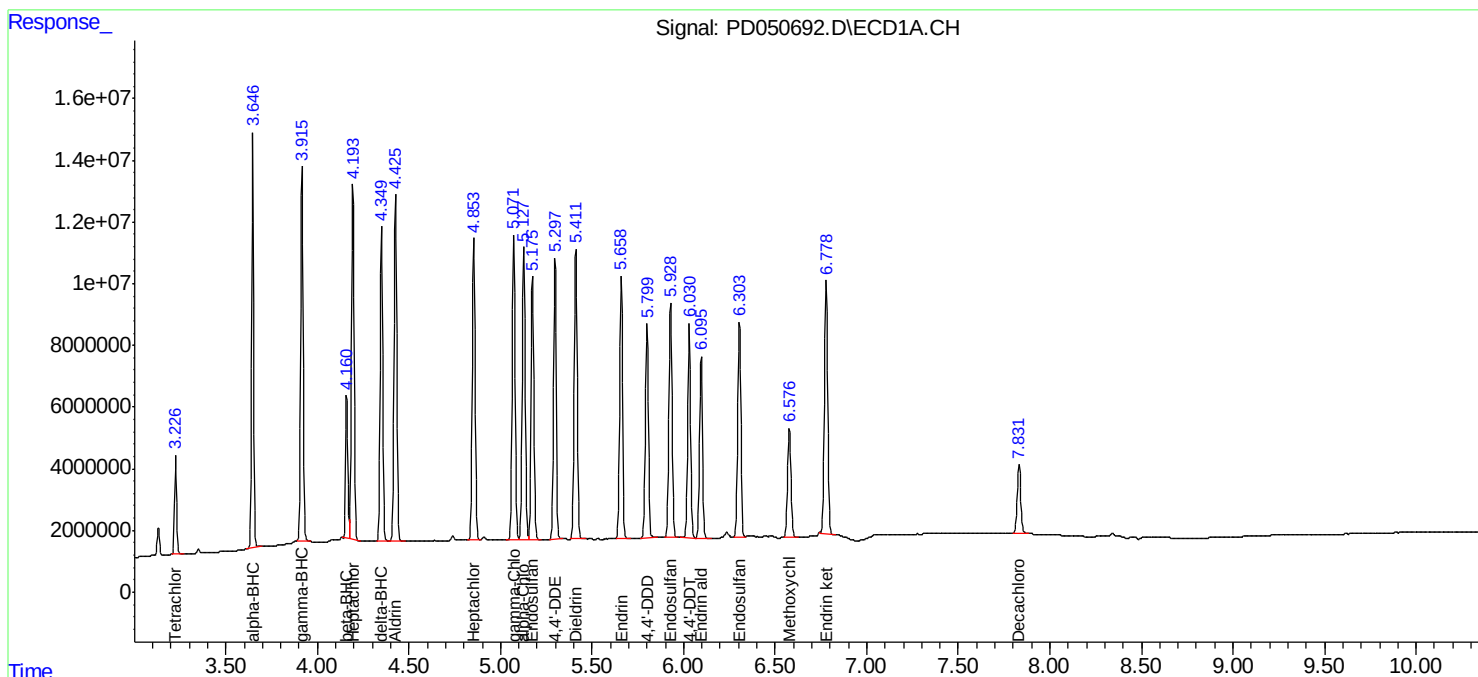
Instrument :  
ECD\_D  
ClientSampleId :  
PB115364BS

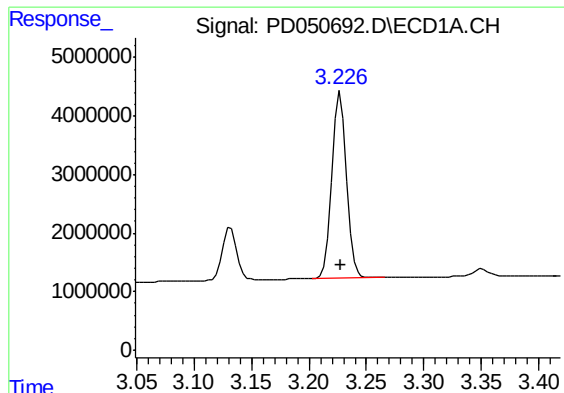
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 11 03:42:39 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD111618.M  
Quant Title : GC Extractables  
QLast Update : Fri Nov 16 02:59:21 2018  
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





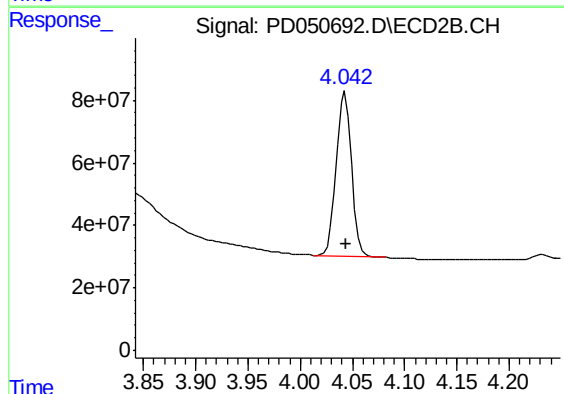
#1 Tetrachloro-m-xylene

R.T.: 3.227 min  
Delta R.T.: 0.000 min  
Response: 28206131  
Conc: 19.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB115364BS

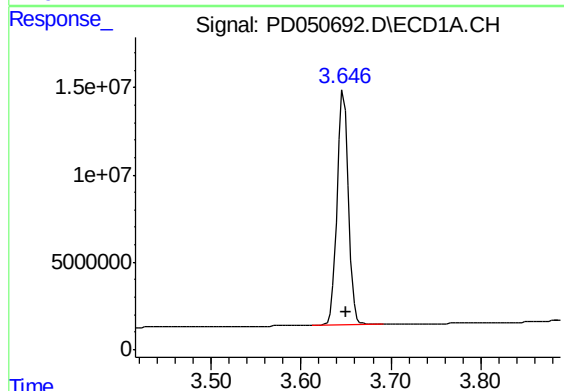
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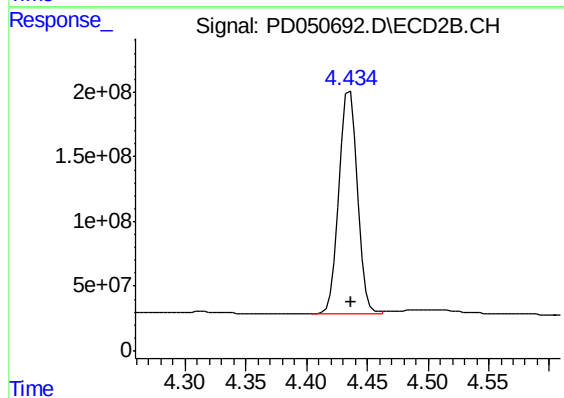
#1 Tetrachloro-m-xylene

R.T.: 4.043 min  
Delta R.T.: 0.000 min  
Response: 537766316  
Conc: 19.52 ng/ml



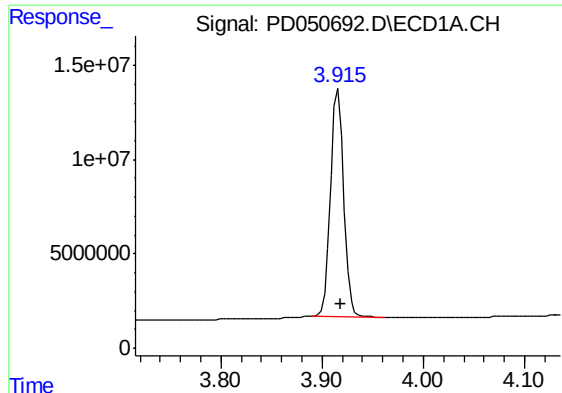
#2 alpha-BHC

R.T.: 3.648 min  
Delta R.T.: -0.002 min  
Response: 117257644  
Conc: 49.95 ng/ml



#2 alpha-BHC

R.T.: 4.436 min  
Delta R.T.: 0.000 min  
Response: 1833271934  
Conc: 43.20 ng/ml



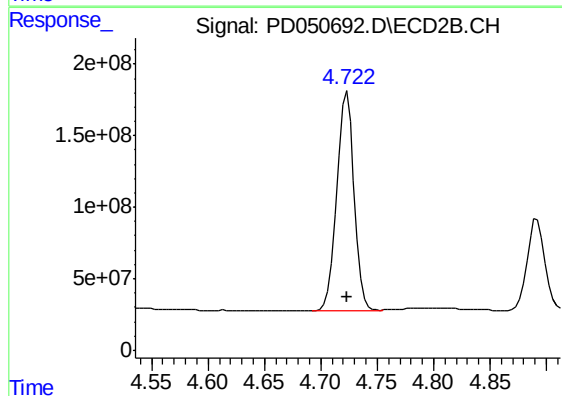
#3 gamma-BHC (Lindane)

R.T.: 3.916 min  
Delta R.T.: -0.002 min  
Response: 110291875  
Conc: 47.27 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB115364BS

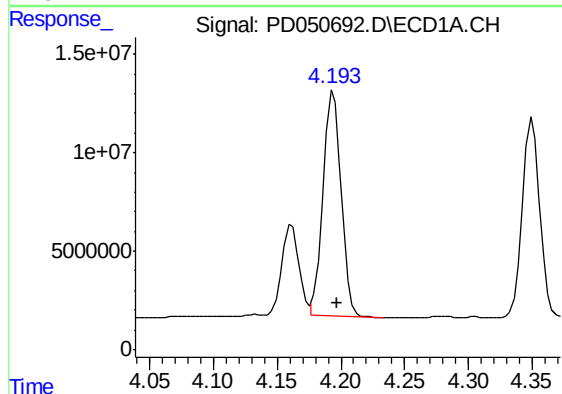
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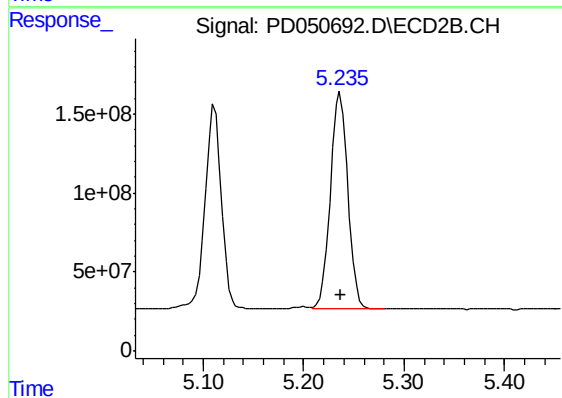
#3 gamma-BHC (Lindane)

R.T.: 4.723 min  
Delta R.T.: 0.000 min  
Response: 1662117947  
Conc: 43.69 ng/ml



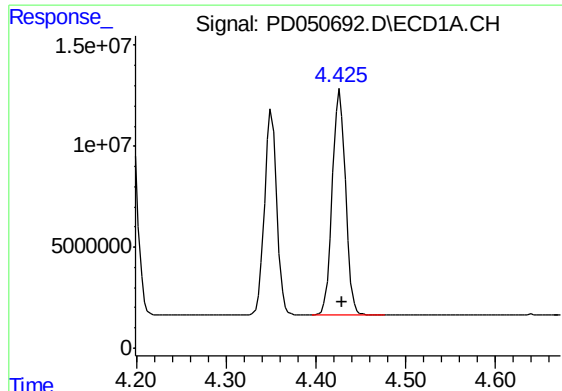
#4 Heptachlor

R.T.: 4.194 min  
Delta R.T.: -0.003 min  
Response: 112931044  
Conc: 51.18 ng/ml



#4 Heptachlor

R.T.: 5.237 min  
Delta R.T.: 0.000 min  
Response: 1650822438  
Conc: 43.56 ng/ml



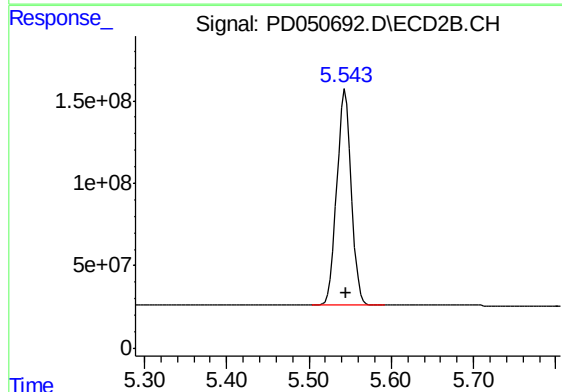
#5 Aldrin

R.T.: 4.427 min  
Delta R.T.: -0.003 min  
Response: 114239411  
Conc: 49.85 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB115364BS

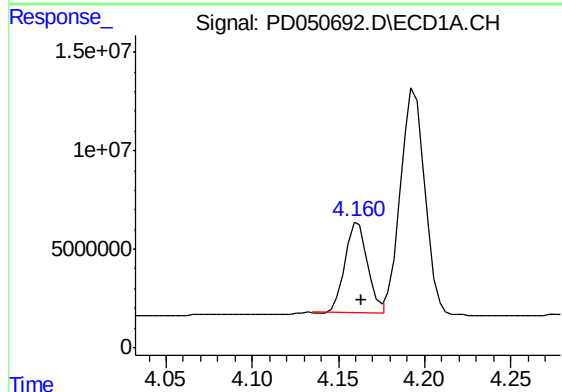
Manual Integrations  
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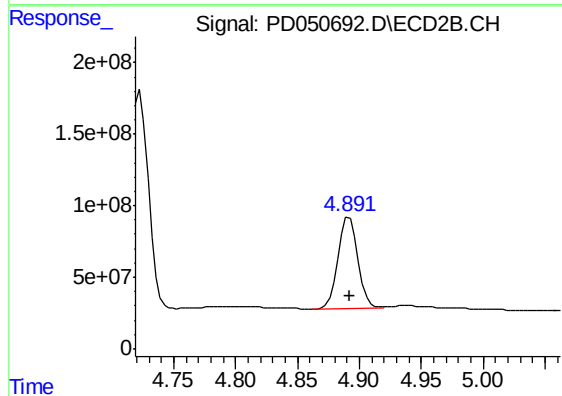
#5 Aldrin

R.T.: 5.544 min  
Delta R.T.: 0.000 min  
Response: 1601506468  
Conc: 44.79 ng/ml



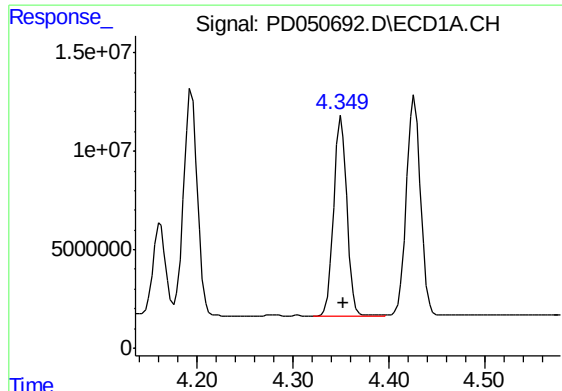
#6 beta-BHC

R.T.: 4.162 min  
Delta R.T.: -0.002 min  
Response: 42528161  
Conc: 46.52 ng/ml



#6 beta-BHC

R.T.: 4.892 min  
Delta R.T.: 0.000 min  
Response: 713158656  
Conc: 42.99 ng/ml



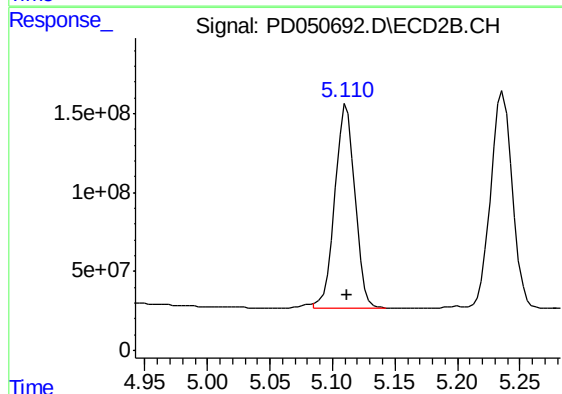
#7 delta-BHC

R.T.: 4.350 min  
Delta R.T.: -0.002 min  
Response: 96260747  
Conc: 44.15 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB115364BS

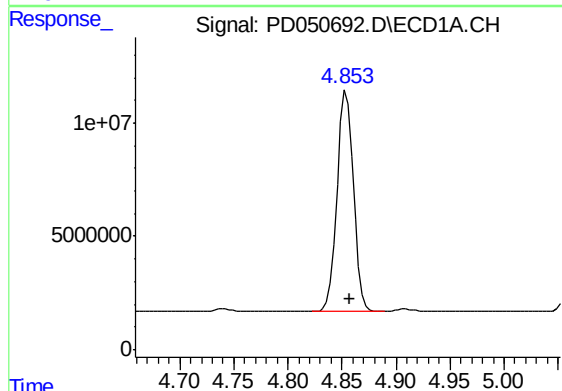
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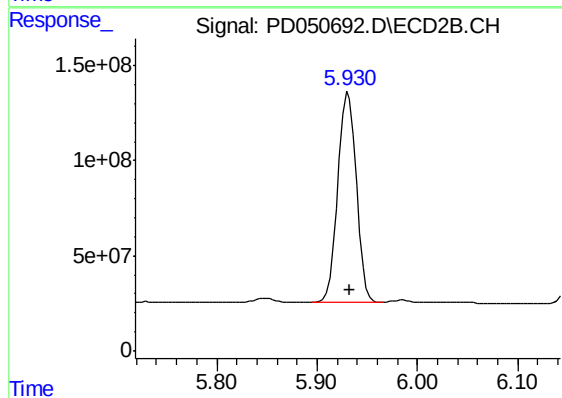
#7 delta-BHC

R.T.: 5.110 min  
Delta R.T.: -0.002 min  
Response: 1436428514  
Conc: 38.47 ng/ml m



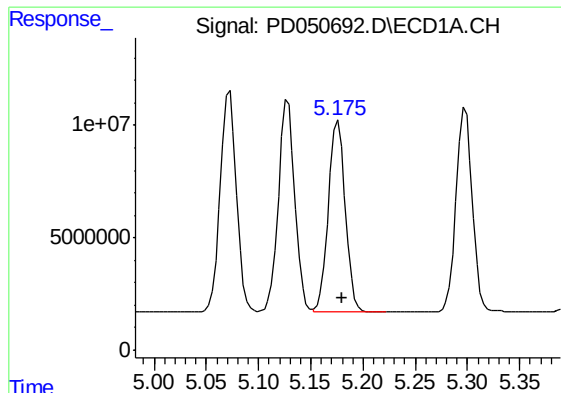
#8 Heptachlor epoxide

R.T.: 4.854 min  
Delta R.T.: -0.003 min  
Response: 103403089  
Conc: 48.67 ng/ml



#8 Heptachlor epoxide

R.T.: 5.931 min  
Delta R.T.: -0.001 min  
Response: 1412176104  
Conc: 44.43 ng/ml



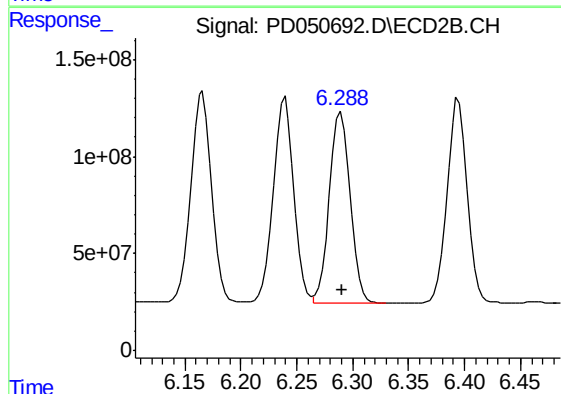
#9 Endosulfan I

R.T.: 5.176 min  
Delta R.T.: -0.004 min  
Response: 95564076  
Conc: 47.43 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB115364BS

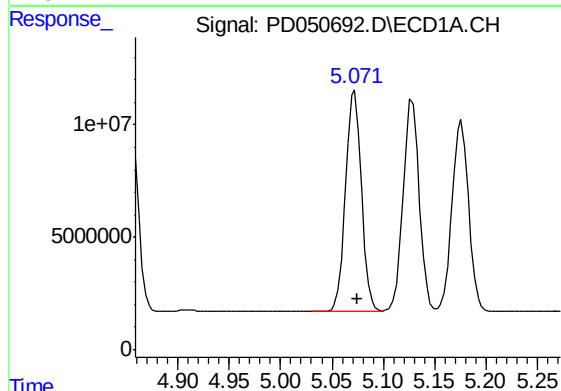
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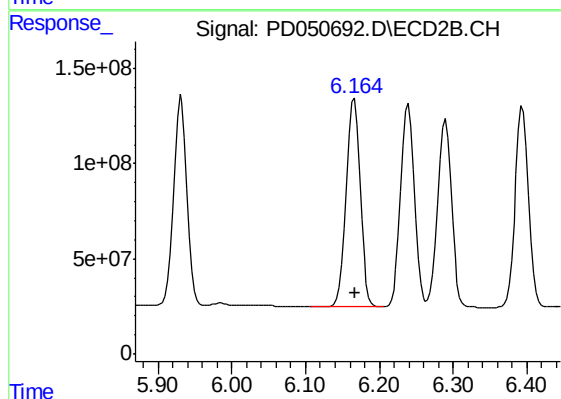
#9 Endosulfan I

R.T.: 6.290 min  
Delta R.T.: -0.001 min  
Response: 1273877780  
Conc: 44.88 ng/ml



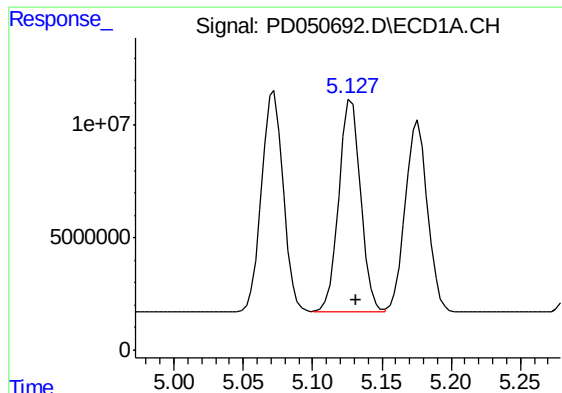
#10 gamma-Chlordane

R.T.: 5.072 min  
Delta R.T.: -0.003 min  
Response: 106141992  
Conc: 48.17 ng/ml



#10 gamma-Chlordane

R.T.: 6.166 min  
Delta R.T.: -0.001 min  
Response: 1421582264  
Conc: 44.86 ng/ml



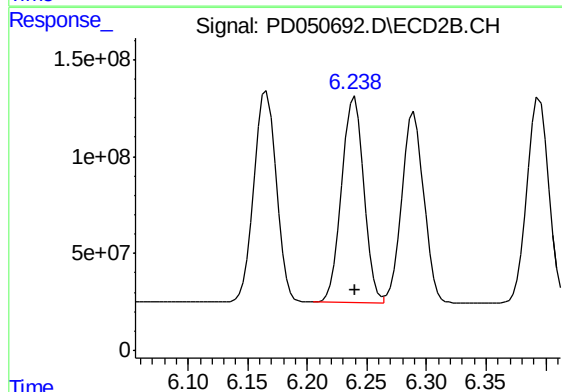
#11 alpha-Chlordane

R.T.: 5.128 min  
Delta R.T.: -0.004 min  
Response: 103901833  
Conc: 47.69 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB115364BS

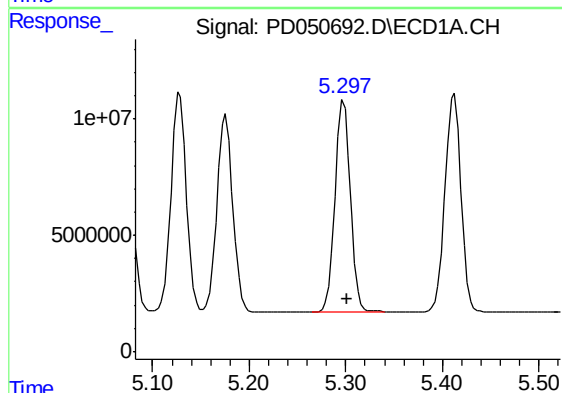
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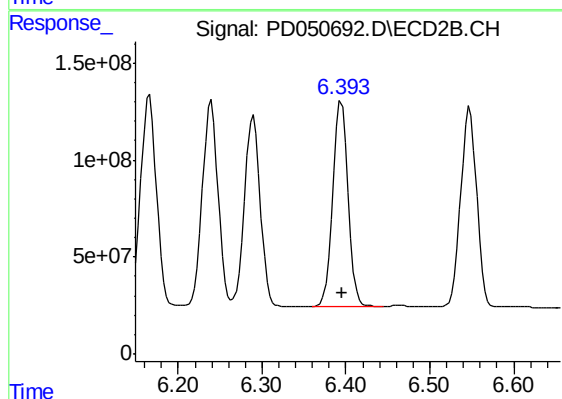
#11 alpha-Chlordane

R.T.: 6.240 min  
Delta R.T.: 0.000 min  
Response: 1367086571  
Conc: 44.96 ng/ml



#12 4,4'-DDE

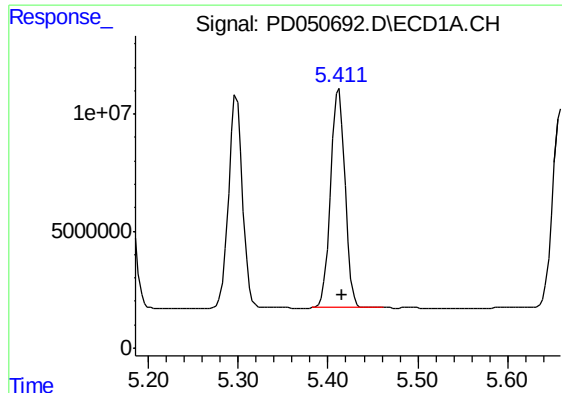
R.T.: 5.298 min  
Delta R.T.: -0.004 min  
Response: 97531366  
Conc: 47.59 ng/ml



#12 4,4'-DDE

R.T.: 6.395 min  
Delta R.T.: 0.000 min  
Response: 1338016494  
Conc: 45.50 ng/ml





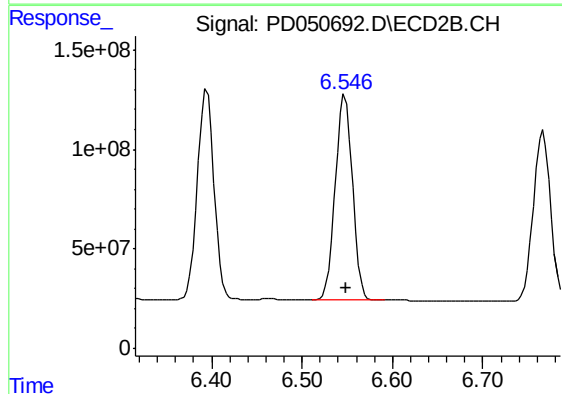
#13 Dieldrin

R.T.: 5.412 min  
Delta R.T.: -0.003 min  
Response: 104939267  
Conc: 47.52 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB115364BS

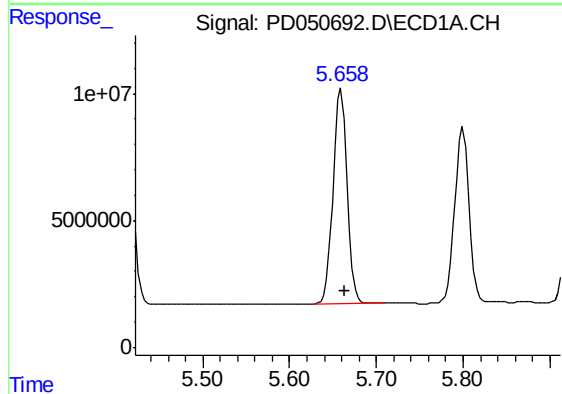
Manual Integrations  
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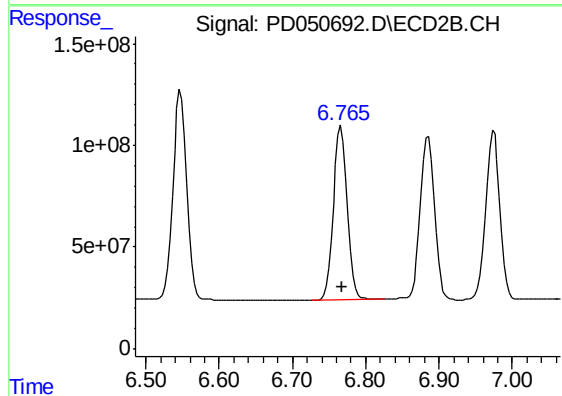
#13 Dieldrin

R.T.: 6.548 min  
Delta R.T.: -0.001 min  
Response: 1356579044  
Conc: 45.02 ng/ml



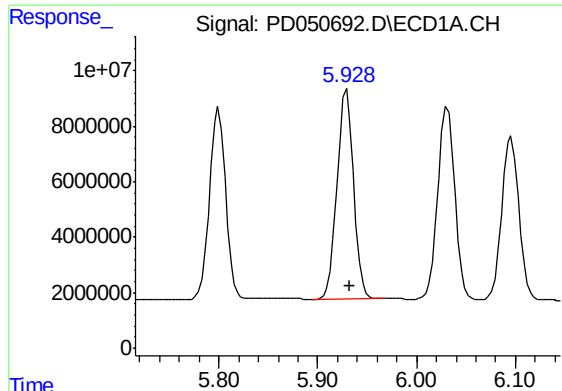
#14 Endrin

R.T.: 5.660 min  
Delta R.T.: -0.003 min  
Response: 95553190  
Conc: 49.73 ng/ml



#14 Endrin

R.T.: 6.767 min  
Delta R.T.: -0.001 min  
Response: 1126675843  
Conc: 46.75 ng/ml



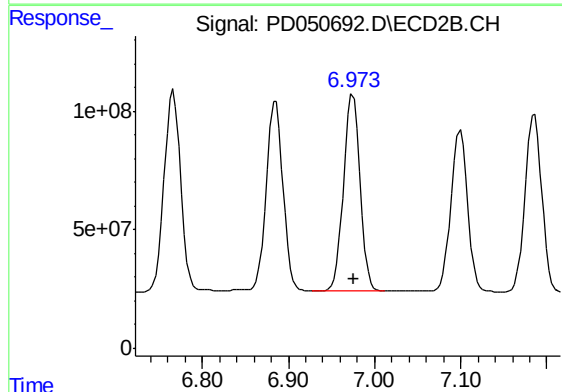
#15 Endosulfan II

R.T.: 5.929 min  
Delta R.T.: -0.003 min  
Response: 88240201  
Conc: 46.29 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB115364BS

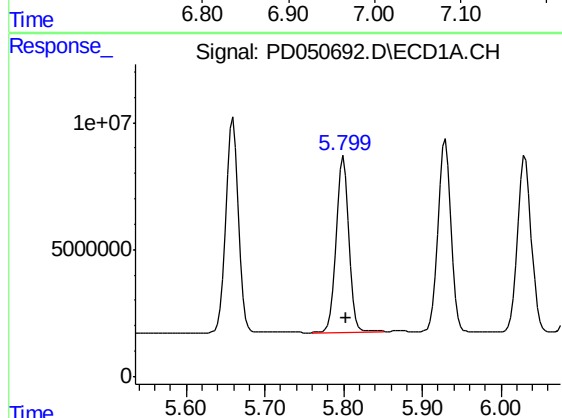
Manual Integrations  
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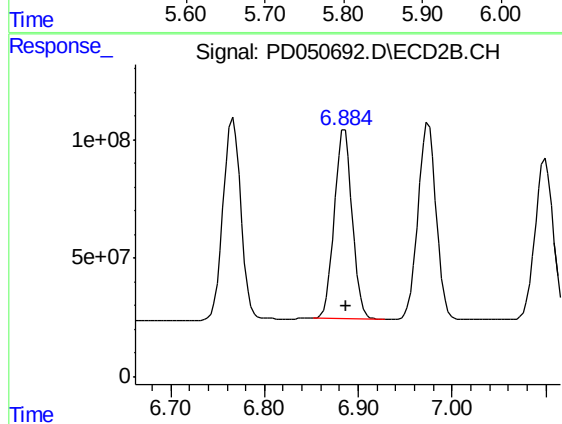
#15 Endosulfan II

R.T.: 6.975 min  
Delta R.T.: -0.001 min  
Response: 1121961786  
Conc: 45.97 ng/ml



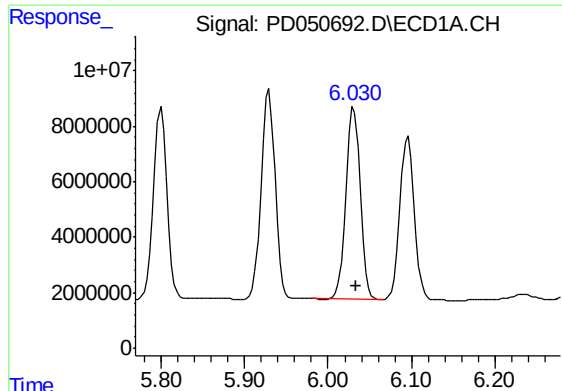
#16 4,4'-DDD

R.T.: 5.800 min  
Delta R.T.: -0.003 min  
Response: 78542320  
Conc: 45.82 ng/ml



#16 4,4'-DDD

R.T.: 6.885 min  
Delta R.T.: -0.002 min  
Response: 1063204363  
Conc: 46.56 ng/ml



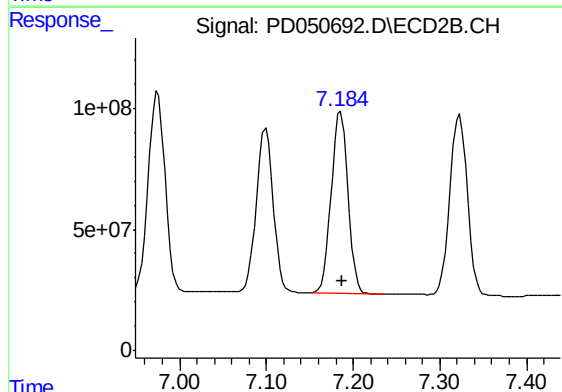
#17 4,4'-DDT

R.T.: 6.031 min  
Delta R.T.: -0.003 min  
Response: 83200388  
Conc: 46.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB115364BS

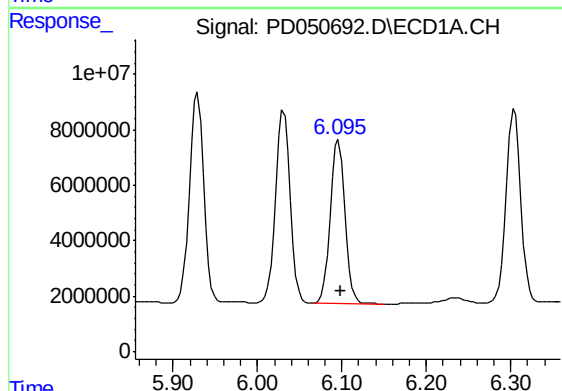
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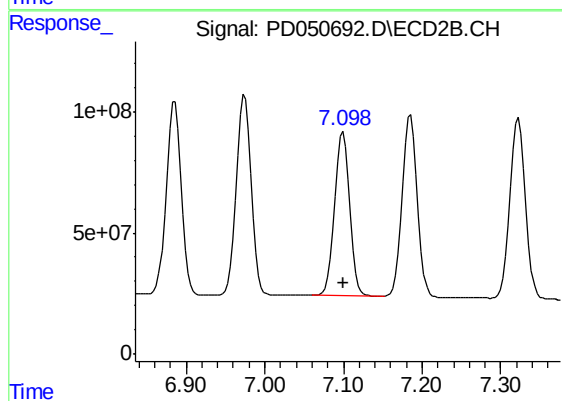
#17 4,4'-DDT

R.T.: 7.186 min  
Delta R.T.: -0.002 min  
Response: 1010667870  
Conc: 48.97 ng/ml



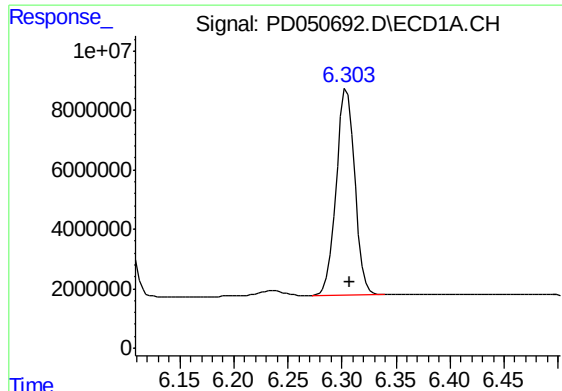
#18 Endrin aldehyde

R.T.: 6.096 min  
Delta R.T.: -0.003 min  
Response: 70879339  
Conc: 46.75 ng/ml



#18 Endrin aldehyde

R.T.: 7.100 min  
Delta R.T.: 0.000 min  
Response: 923500610  
Conc: 45.67 ng/ml



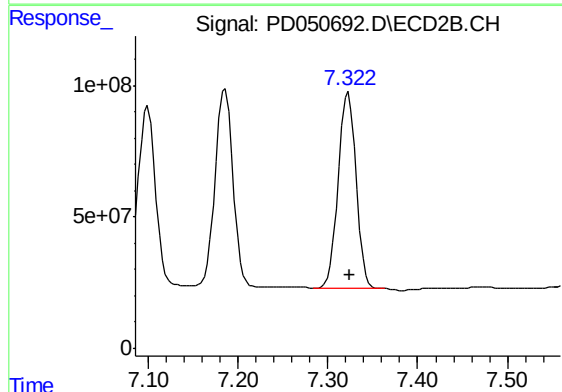
#19 Endosulfan Sulfate

R.T.: 6.305 min  
Delta R.T.: -0.003 min  
Response: 83439932  
Conc: 44.99 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB115364BS

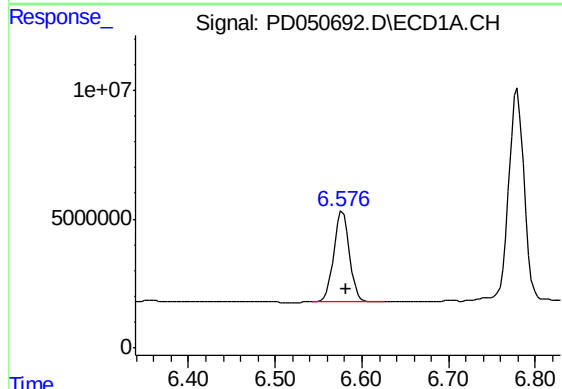
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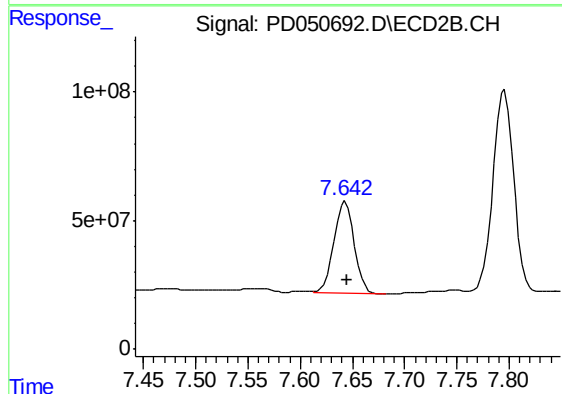
#19 Endosulfan Sulfate

R.T.: 7.323 min  
Delta R.T.: -0.001 min  
Response: 1036261128  
Conc: 42.53 ng/ml



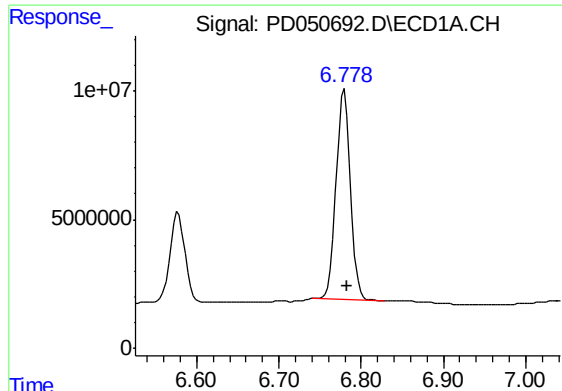
#20 Methoxychlor

R.T.: 6.578 min  
Delta R.T.: -0.004 min  
Response: 44194881  
Conc: 46.30 ng/ml



#20 Methoxychlor

R.T.: 7.643 min  
Delta R.T.: -0.002 min  
Response: 480710294  
Conc: 43.23 ng/ml



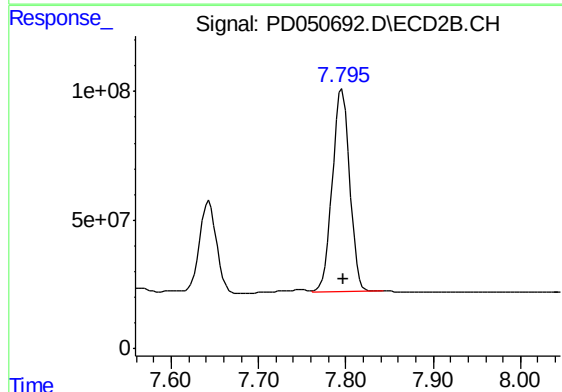
#21 Endrin ketone

R.T.: 6.779 min  
Delta R.T.: -0.004 min  
Response: 98918653  
Conc: 45.76 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PB115364BS

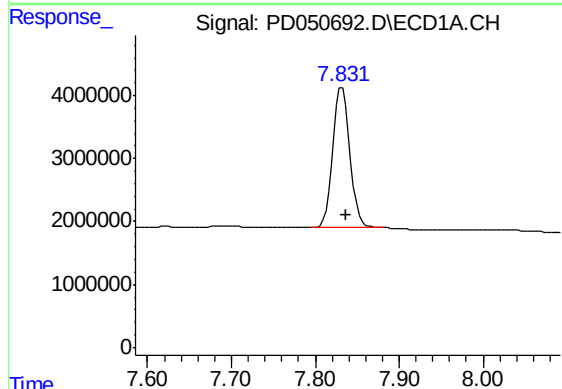
Manual Integrations  
APPROVED

Sohil  
12/11/2018 10:19:04 AM



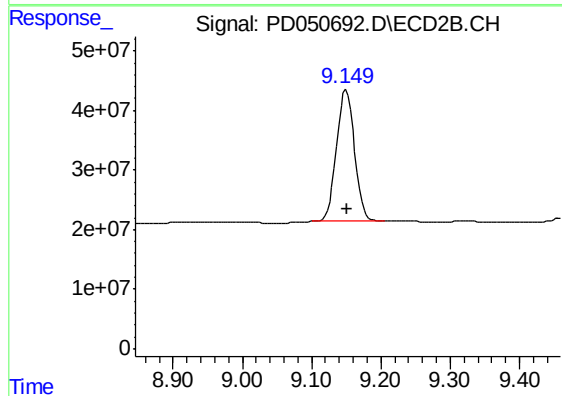
#21 Endrin ketone

R.T.: 7.796 min  
Delta R.T.: -0.001 min  
Response: 1099794231  
Conc: 47.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.832 min  
Delta R.T.: -0.005 min  
Response: 31777614  
Conc: 21.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.150 min  
Delta R.T.: -0.002 min  
Response: 399142135  
Conc: 19.72 ng/ml