

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD011819\  
 Data File : PD051126.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 18 Jan 2019 23:27  
 Operator : AJ\SJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
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Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 19 00:13:36 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD011019.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jan 10 03:41:46 2019  
 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... | 3.225 | 4.045 | 105.9E6  | 1543.9E6 | 70.900  | 51.879 # |
| 28)                         | SA Decachlor... | 7.826 | 9.156 | 72644032 | 714.9E6  | 59.851  | 35.826 # |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.645 | 4.437 | 179.8E6  | 2352.1E6 | 74.719  | 51.614 # |
| 3)                          | MA gamma-BHC... | 3.913 | 4.724 | 167.3E6  | 2063.7E6 | 70.921  | 49.650 # |
| 4)                          | MA Heptachlor   | 4.192 | 5.236 | 167.1E6  | 1855.6E6 | 69.780  | 45.481m# |
| 5)                          | MB Aldrin       | 4.423 | 5.545 | 170.0E6  | 1794.3E6 | 71.635  | 45.838 # |
| 6)                          | B beta-BHC      | 4.159 | 4.892 | 66784399 | 819.5E6  | 70.527  | 45.284m# |
| 7)                          | B delta-BHC     | 4.348 | 5.113 | 167.2E6  | 1882.3E6 | 74.251  | 48.442 # |
| 8)                          | B Heptachlo...  | 4.851 | 5.931 | 153.1E6  | 1498.1E6 | 68.128  | 42.965m# |
| 9)                          | A Endosulfan I  | 5.173 | 6.291 | 144.4E6  | 1297.7E6 | 67.729  | 41.241 # |
| 10)                         | B gamma-Chl...  | 5.069 | 6.167 | 160.4E6  | 1506.8E6 | 68.458  | 43.383 # |
| 11)                         | B alpha-Chl...  | 5.125 | 6.240 | 154.4E6  | 1407.8E6 | 66.837  | 41.534 # |
| 12)                         | B 4,4'-DDE      | 5.294 | 6.396 | 150.8E6  | 1381.6E6 | 69.846m | 41.908 # |
| 13)                         | MA Dieldrin     | 5.408 | 6.549 | 160.2E6  | 1390.3E6 | 68.402  | 41.679 # |
| 14)                         | MA Endrin       | 5.656 | 6.768 | 127.5E6  | 1058.6E6 | 58.225  | 37.587 # |
| 15)                         | B Endosulfa...  | 5.926 | 6.975 | 132.3E6  | 1124.8E6 | 66.163  | 41.093m# |
| 16)                         | A 4,4'-DDD      | 5.797 | 6.888 | 126.7E6  | 1154.5E6 | 71.757  | 43.997 # |
| 17)                         | MA 4,4'-DDT     | 6.028 | 7.188 | 122.4E6  | 967.1E6  | 65.055  | 40.517 # |
| 18)                         | B Endrin al...  | 6.093 | 7.100 | 109.4E6  | 901.1E6  | 67.768  | 39.535m# |
| 19)                         | B Endosulfa...  | 6.301 | 7.324 | 128.4E6  | 1072.6E6 | 65.527  | 39.732m# |
| 20)                         | A Methoxychlor  | 6.574 | 7.646 | 59679880 | 419.9E6  | 62.446  | 34.491 # |
| 21)                         | B Endrin ke...  | 6.776 | 7.798 | 142.3E6  | 1016.4E6 | 66.872  | 39.981 # |
| -----                       |                 |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD011819\  
Data File : PD051126.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 18 Jan 2019 23:27  
Operator : AJ\SJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

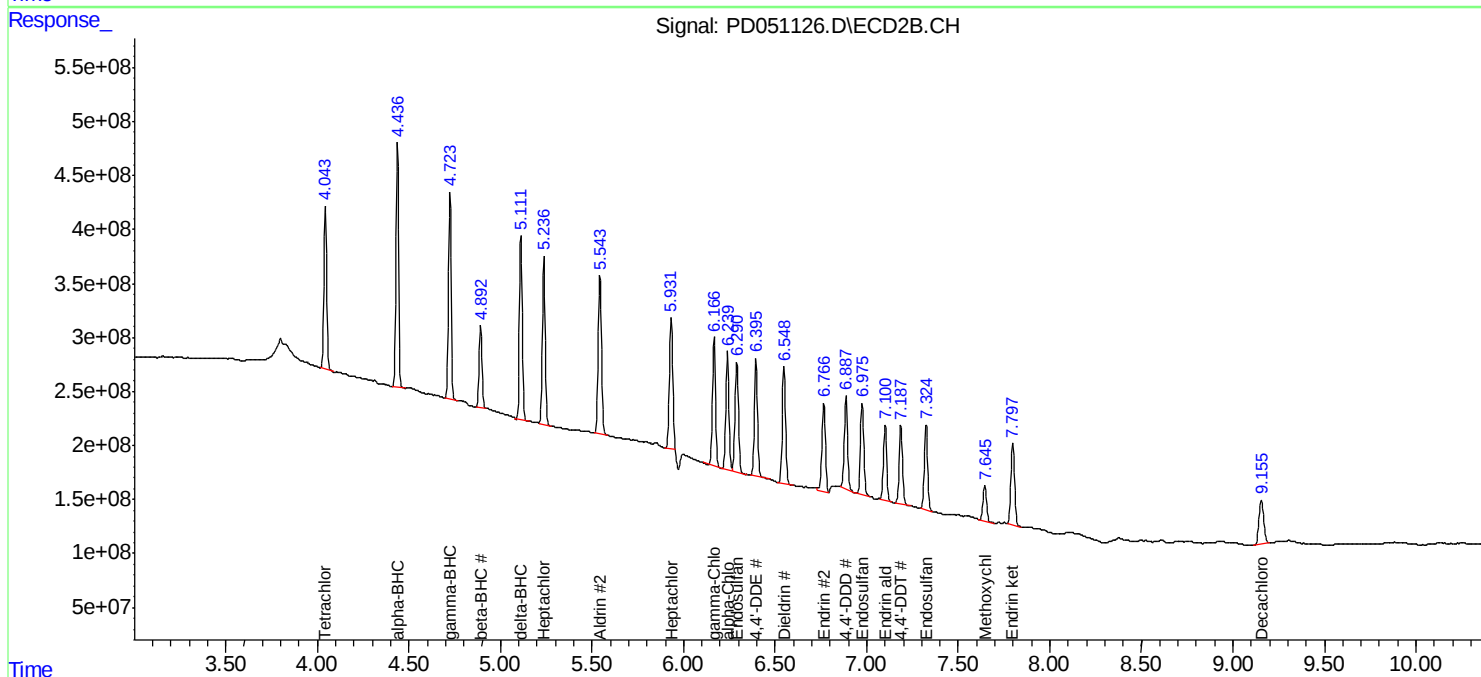
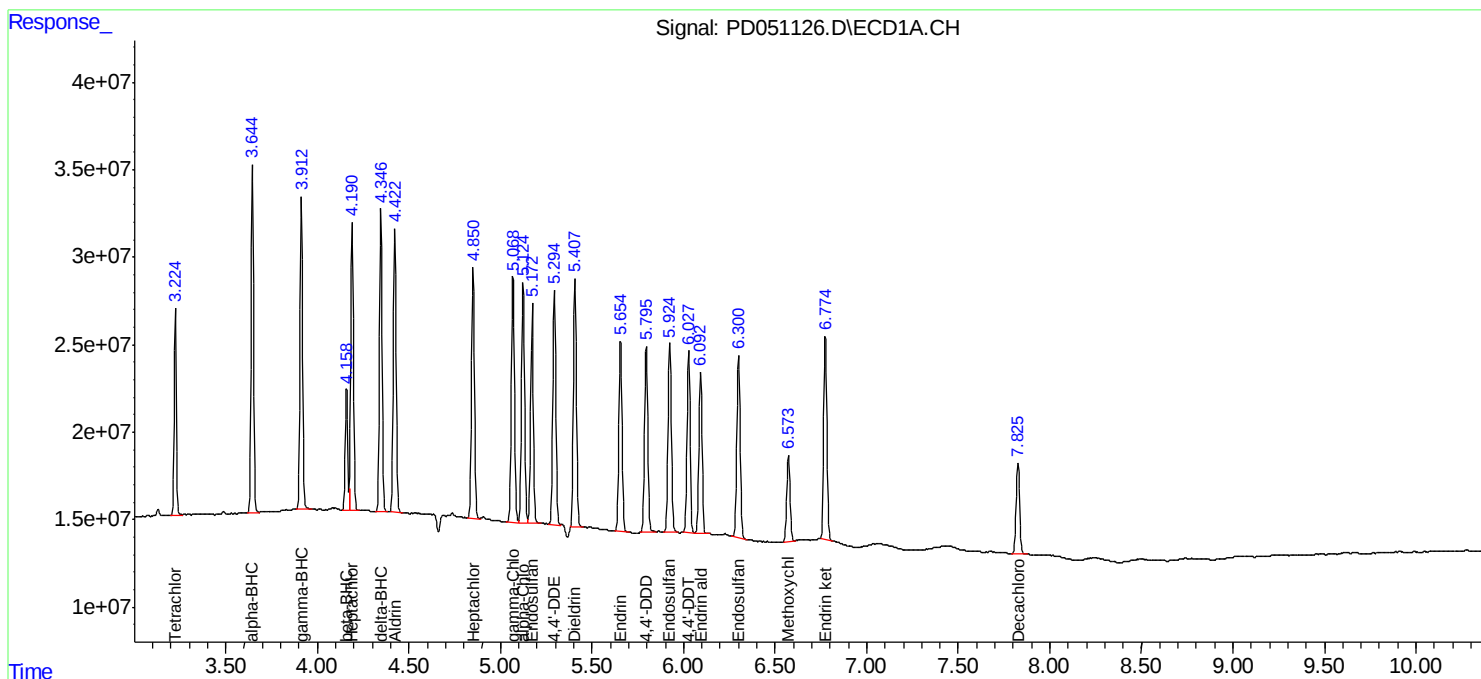
Instrument :  
ECD\_D  
ClientSampled :  
PSTDCCC050

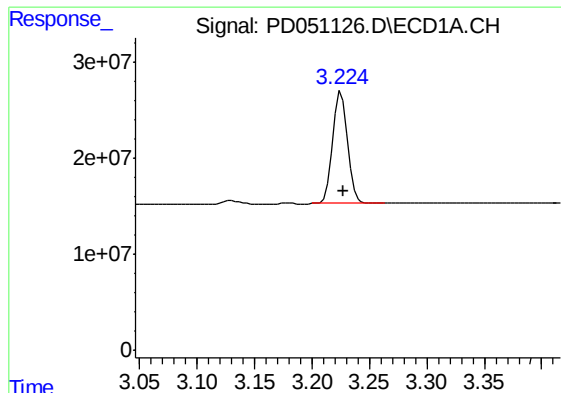
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 19 00:13:36 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD011019.M  
Quant Title : GC Extractables  
QLast Update : Thu Jan 10 03:41:46 2019  
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





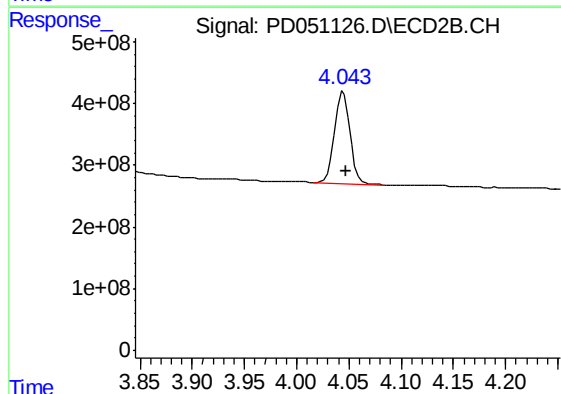
#1 Tetrachloro-m-xylene

R.T.: 3.225 min  
Delta R.T.: -0.002 min  
Response: 105899176  
Conc: 70.90 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

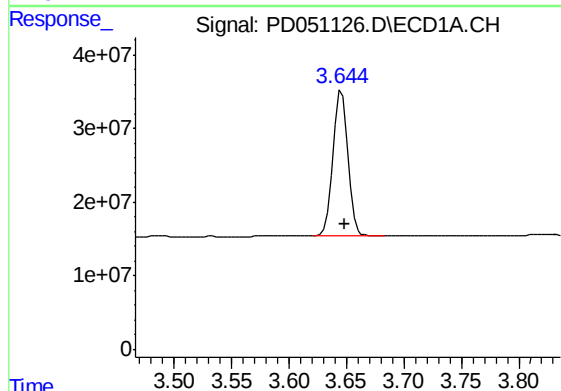
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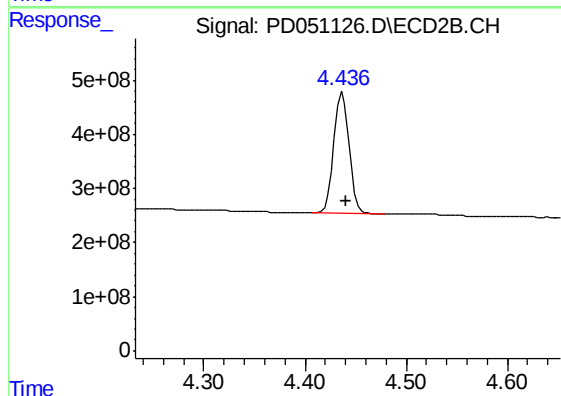
#1 Tetrachloro-m-xylene

R.T.: 4.045 min  
Delta R.T.: -0.002 min  
Response: 1543919804  
Conc: 51.88 ng/ml



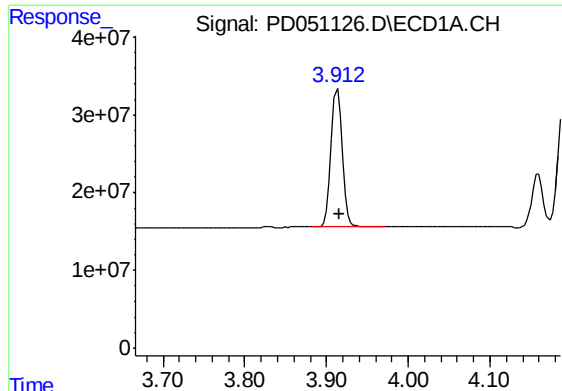
#2 alpha-BHC

R.T.: 3.645 min  
Delta R.T.: -0.003 min  
Response: 179844944  
Conc: 74.72 ng/ml



#2 alpha-BHC

R.T.: 4.437 min  
Delta R.T.: -0.003 min  
Response: 2352107658  
Conc: 51.61 ng/ml



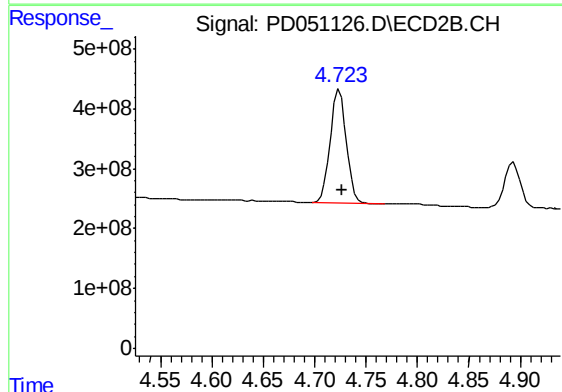
#3 gamma-BHC (Lindane)

R.T.: 3.913 min  
Delta R.T.: -0.003 min  
Response: 167259846  
Conc: 70.92 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

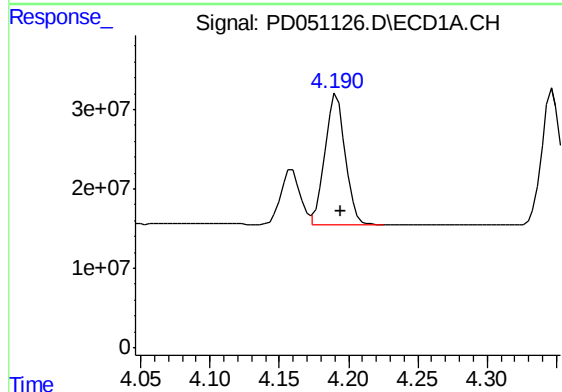
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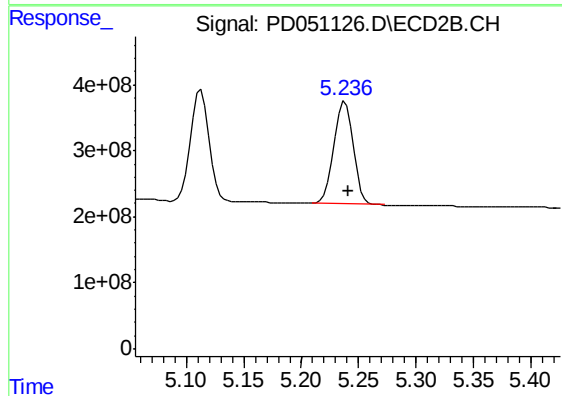
#3 gamma-BHC (Lindane)

R.T.: 4.724 min  
Delta R.T.: -0.003 min  
Response: 2063669804  
Conc: 49.65 ng/ml



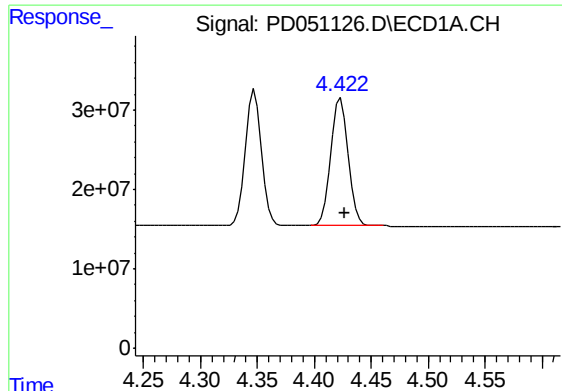
#4 Heptachlor

R.T.: 4.192 min  
Delta R.T.: -0.002 min  
Response: 167139577  
Conc: 69.78 ng/ml



#4 Heptachlor

R.T.: 5.236 min  
Delta R.T.: -0.005 min  
Response: 1855597086  
Conc: 45.48 ng/ml m



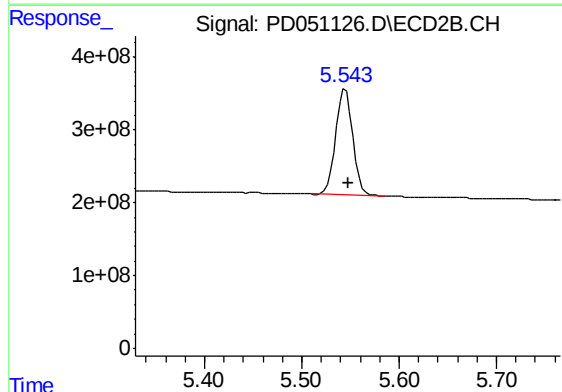
#5 Aldrin

R.T.: 4.423 min  
Delta R.T.: -0.004 min  
Response: 169974555  
Conc: 71.63 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

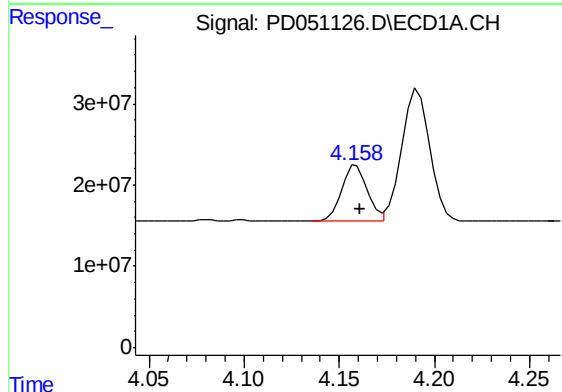
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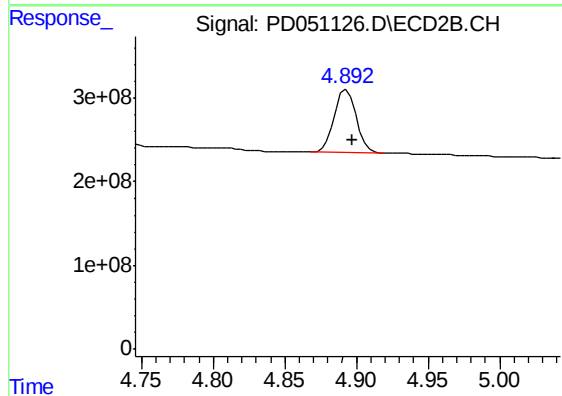
#5 Aldrin

R.T.: 5.545 min  
Delta R.T.: -0.003 min  
Response: 1794349080  
Conc: 45.84 ng/ml



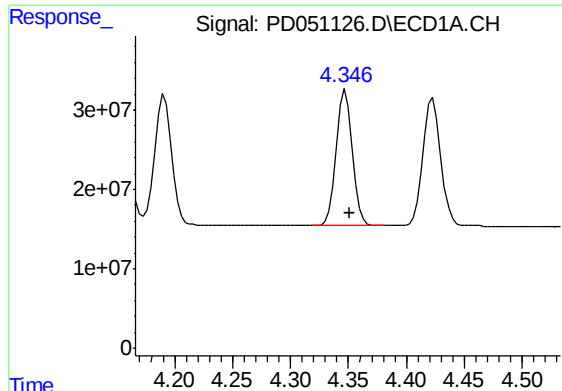
#6 beta-BHC

R.T.: 4.159 min  
Delta R.T.: -0.002 min  
Response: 66784399  
Conc: 70.53 ng/ml



#6 beta-BHC

R.T.: 4.892 min  
Delta R.T.: -0.005 min  
Response: 819450995  
Conc: 45.28 ng/ml m



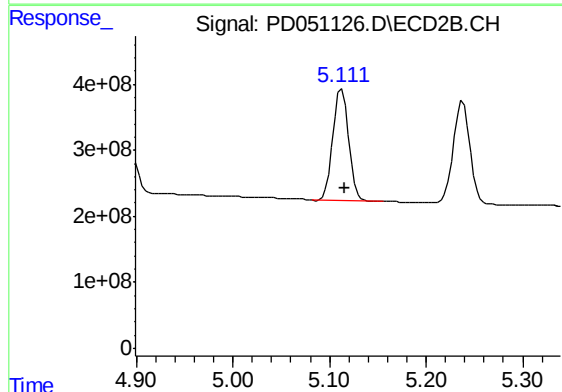
#7 delta-BHC

R.T.: 4.348 min  
Delta R.T.: -0.003 min  
Response: 167164751  
Conc: 74.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

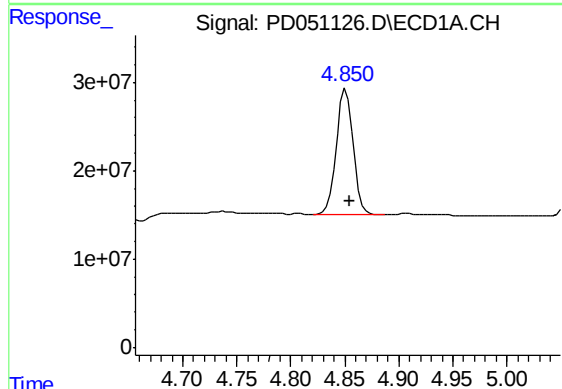
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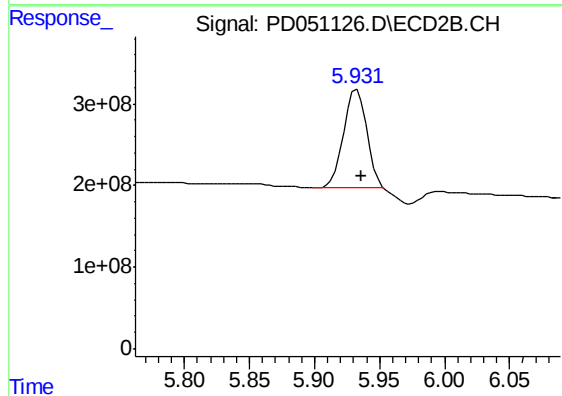
#7 delta-BHC

R.T.: 5.113 min  
Delta R.T.: -0.003 min  
Response: 1882254041  
Conc: 48.44 ng/ml



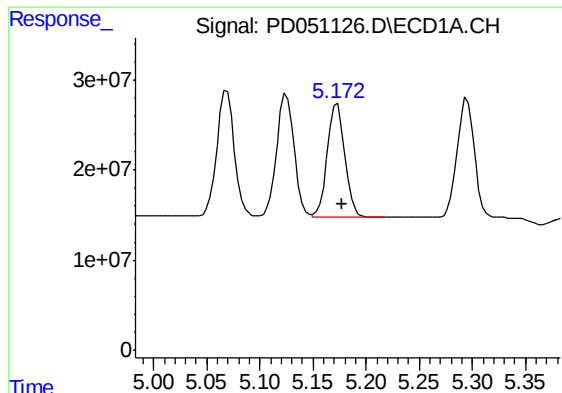
#8 Heptachlor epoxide

R.T.: 4.851 min  
Delta R.T.: -0.004 min  
Response: 153121569  
Conc: 68.13 ng/ml



#8 Heptachlor epoxide

R.T.: 5.931 min  
Delta R.T.: -0.005 min  
Response: 1498086863  
Conc: 42.96 ng/ml m



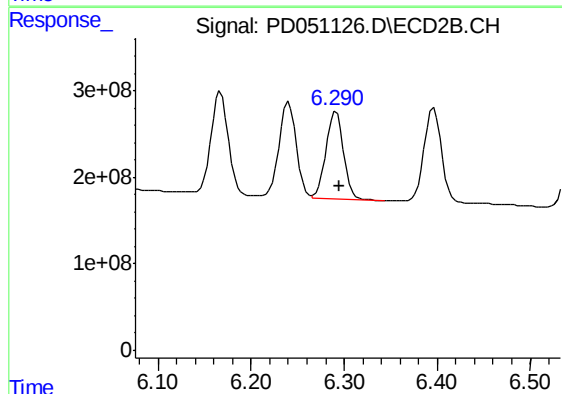
#9 Endosulfan I

R.T.: 5.173 min  
Delta R.T.: -0.004 min  
Response: 144388320  
Conc: 67.73 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

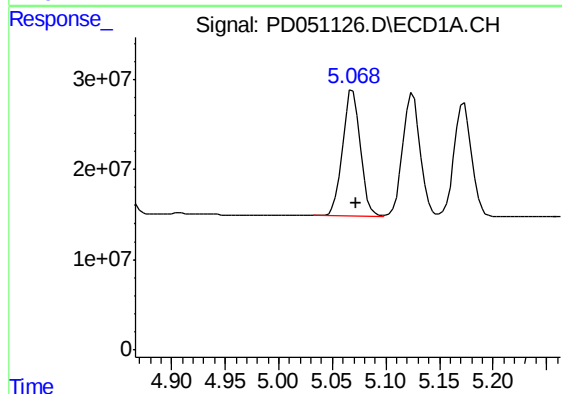
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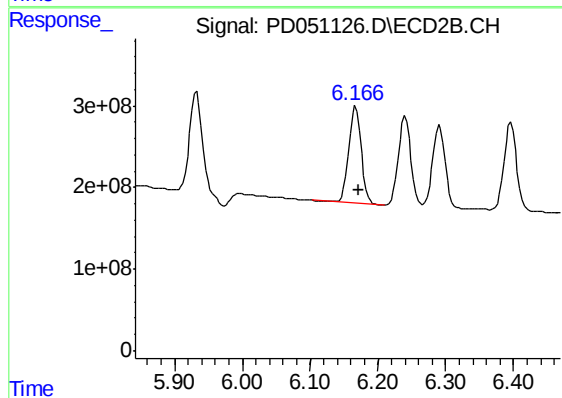
#9 Endosulfan I

R.T.: 6.291 min  
Delta R.T.: -0.004 min  
Response: 1297731794  
Conc: 41.24 ng/ml



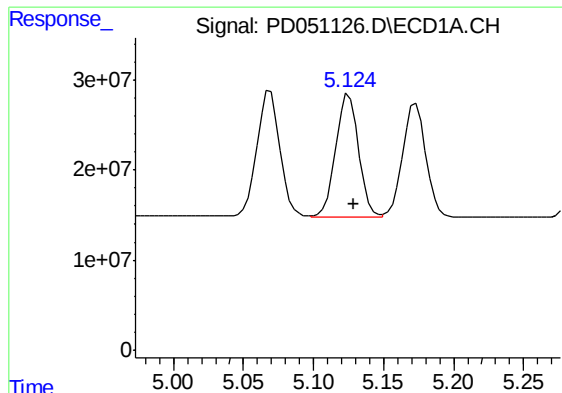
#10 gamma-Chlordane

R.T.: 5.069 min  
Delta R.T.: -0.003 min  
Response: 160357011  
Conc: 68.46 ng/ml



#10 gamma-Chlordane

R.T.: 6.167 min  
Delta R.T.: -0.004 min  
Response: 1506810209  
Conc: 43.38 ng/ml



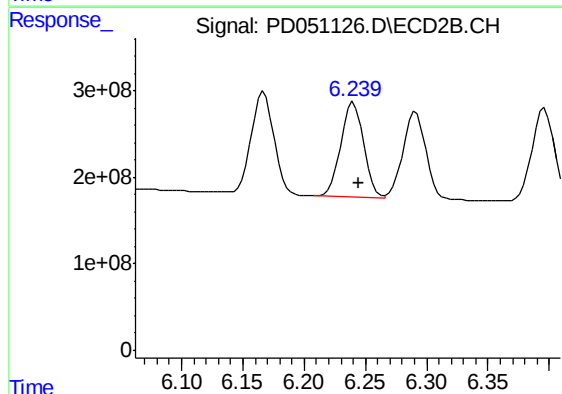
#11 alpha-Chlordane

R.T.: 5.125 min  
Delta R.T.: -0.004 min  
Response: 154407470  
Conc: 66.84 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

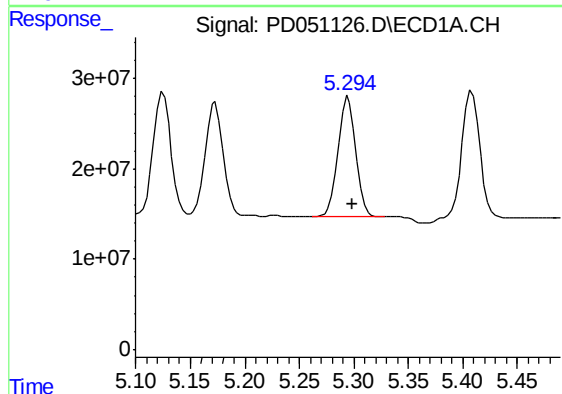
Manual Integrations  
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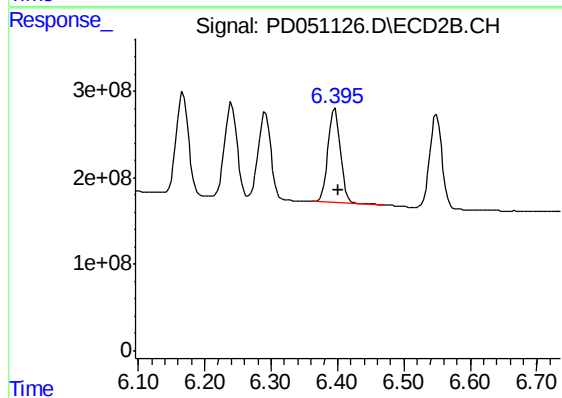
#11 alpha-Chlordane

R.T.: 6.240 min  
Delta R.T.: -0.004 min  
Response: 1407781121  
Conc: 41.53 ng/ml



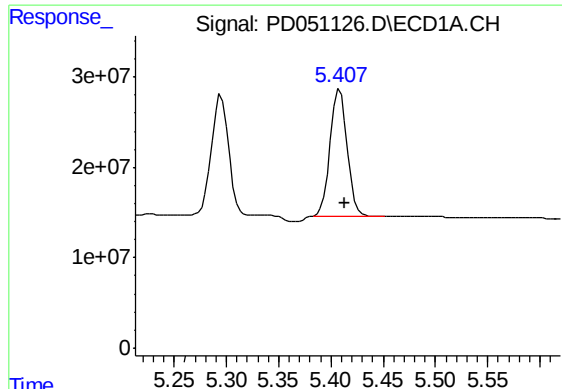
#12 4,4'-DDE

R.T.: 5.294 min  
Delta R.T.: -0.005 min  
Response: 150761497  
Conc: 69.85 ng/ml m



#12 4,4'-DDE

R.T.: 6.396 min  
Delta R.T.: -0.004 min  
Response: 1381633505  
Conc: 41.91 ng/ml



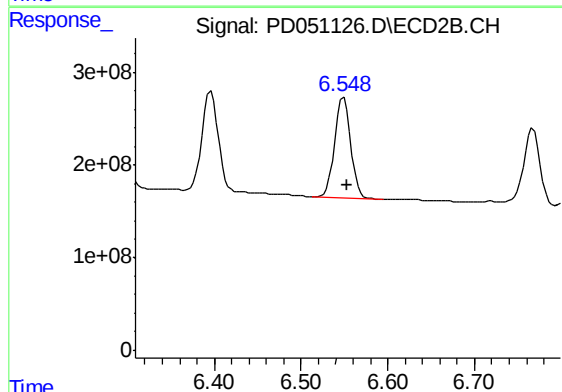
#13 Dieldrin

R.T.: 5.408 min  
Delta R.T.: -0.004 min  
Response: 160207466  
Conc: 68.40 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

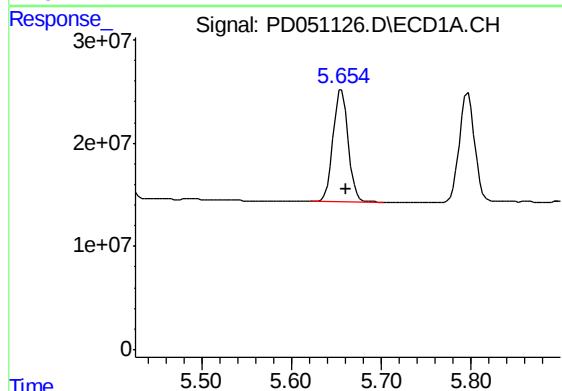
Manual Integrations  
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1/21/2019 10:00:45 AM



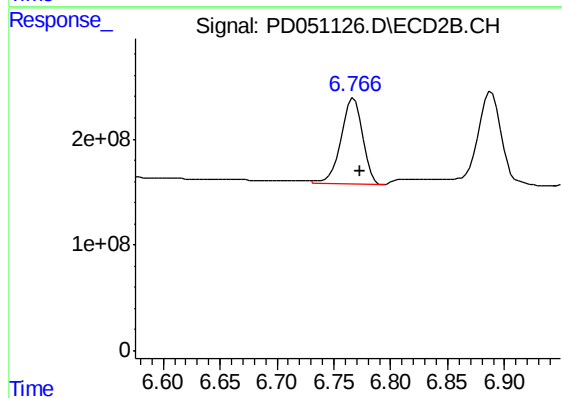
#13 Dieldrin

R.T.: 6.549 min  
Delta R.T.: -0.004 min  
Response: 1390334557  
Conc: 41.68 ng/ml



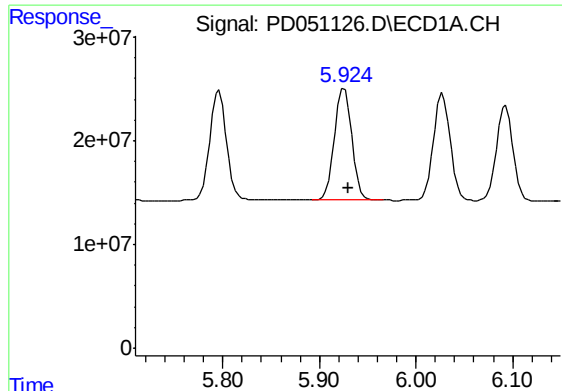
#14 Endrin

R.T.: 5.656 min  
Delta R.T.: -0.004 min  
Response: 127520081  
Conc: 58.22 ng/ml



#14 Endrin

R.T.: 6.768 min  
Delta R.T.: -0.005 min  
Response: 1058565844  
Conc: 37.59 ng/ml



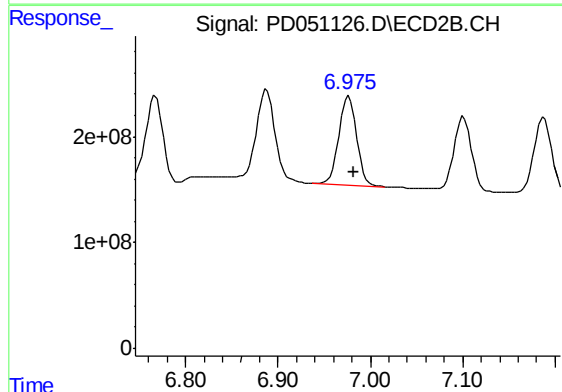
#15 Endosulfan II

R.T.: 5.926 min  
Delta R.T.: -0.004 min  
Response: 132298369  
Conc: 66.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

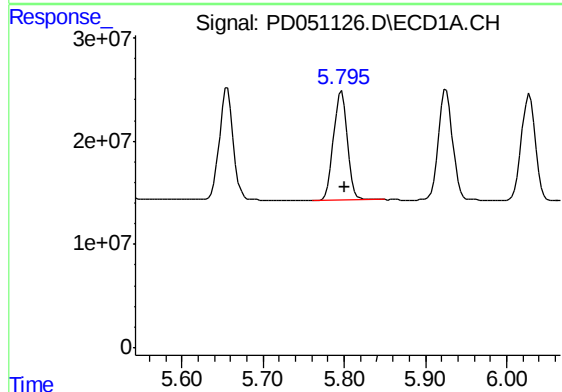
Manual Integrations  
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1/21/2019 10:00:45 AM



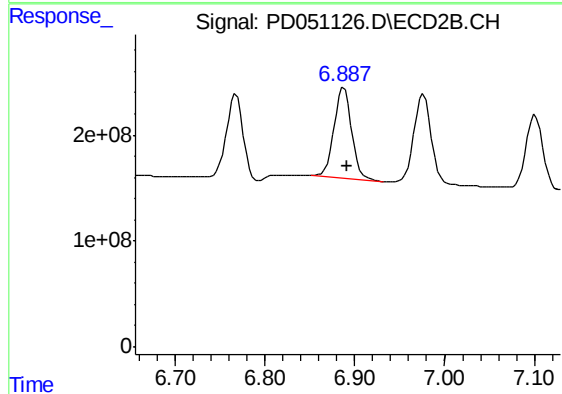
#15 Endosulfan II

R.T.: 6.975 min  
Delta R.T.: -0.006 min  
Response: 1124786251  
Conc: 41.09 ng/ml m



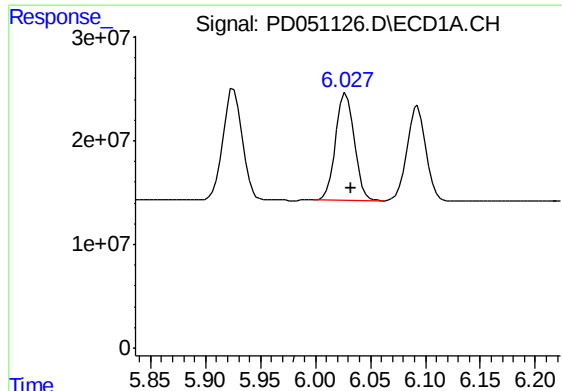
#16 4,4'-DDD

R.T.: 5.797 min  
Delta R.T.: -0.004 min  
Response: 126702160  
Conc: 71.76 ng/ml



#16 4,4'-DDD

R.T.: 6.888 min  
Delta R.T.: -0.004 min  
Response: 1154467735  
Conc: 44.00 ng/ml



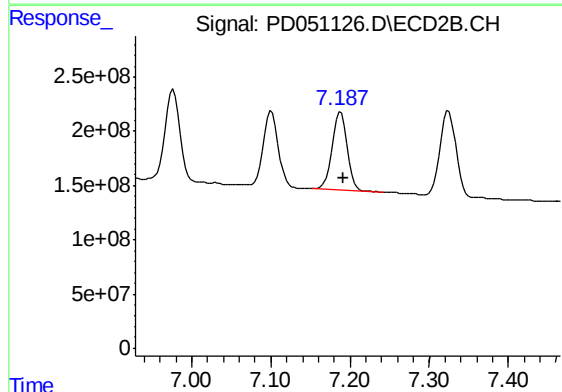
#17 4,4'-DDT

R.T.: 6.028 min  
Delta R.T.: -0.004 min  
Response: 122406994  
Conc: 65.05 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

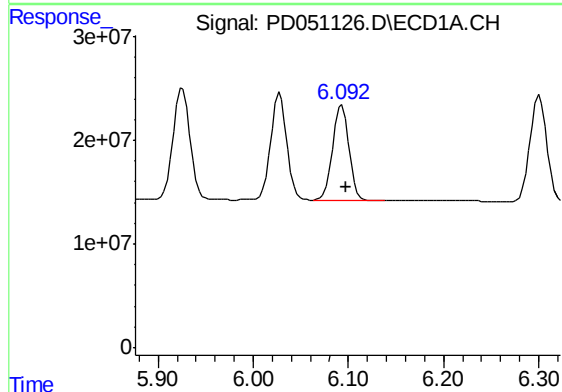
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1/21/2019 10:00:45 AM



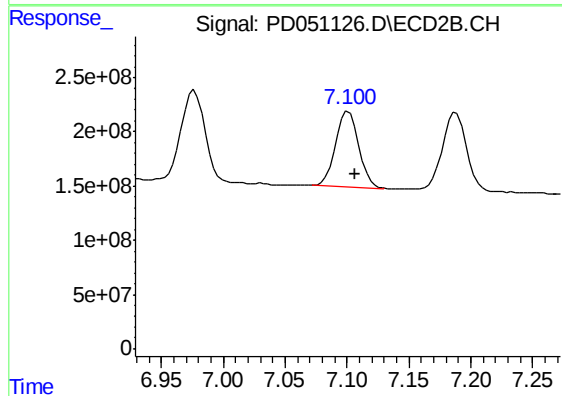
#17 4,4'-DDT

R.T.: 7.188 min  
Delta R.T.: -0.004 min  
Response: 967079779  
Conc: 40.52 ng/ml



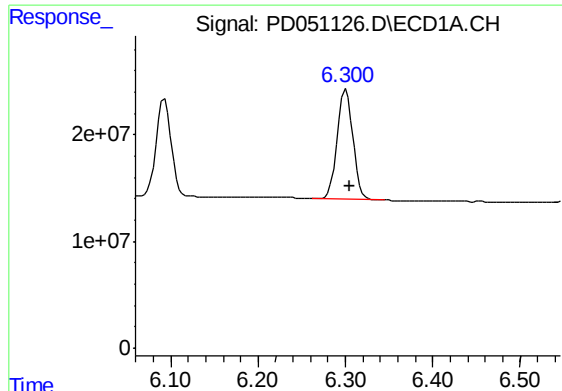
#18 Endrin aldehyde

R.T.: 6.093 min  
Delta R.T.: -0.004 min  
Response: 109406241  
Conc: 67.77 ng/ml



#18 Endrin aldehyde

R.T.: 7.100 min  
Delta R.T.: -0.006 min  
Response: 901056489  
Conc: 39.53 ng/ml m



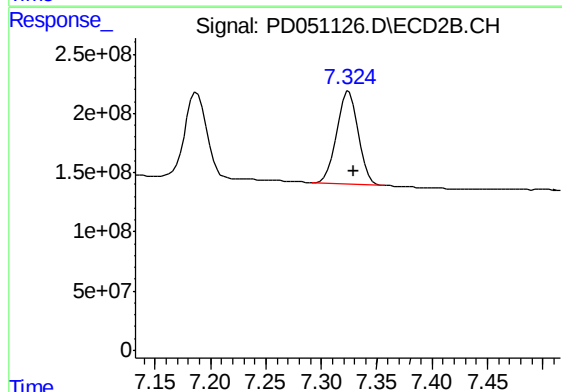
#19 Endosulfan Sulfate

R.T.: 6.301 min  
Delta R.T.: -0.004 min  
Response: 128355707  
Conc: 65.53 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

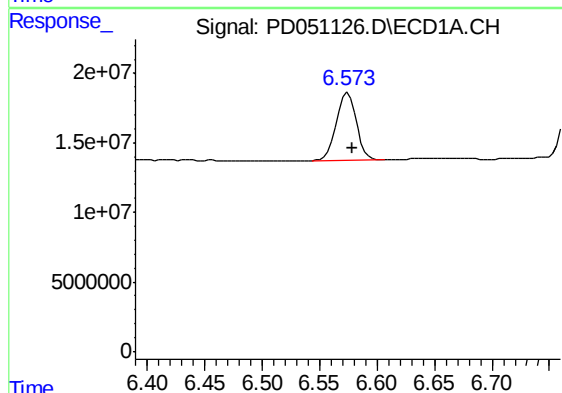
Manual Integrations  
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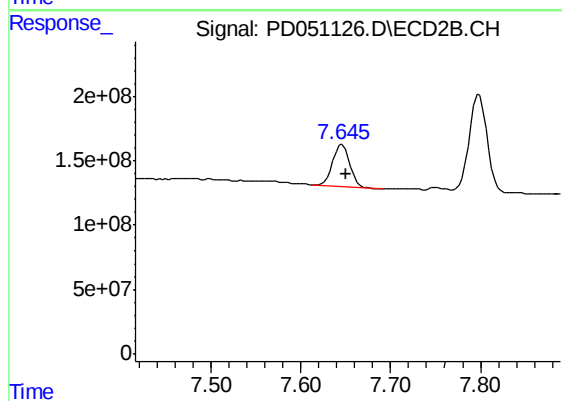
#19 Endosulfan Sulfate

R.T.: 7.324 min  
Delta R.T.: -0.006 min  
Response: 1072569179  
Conc: 39.73 ng/ml m



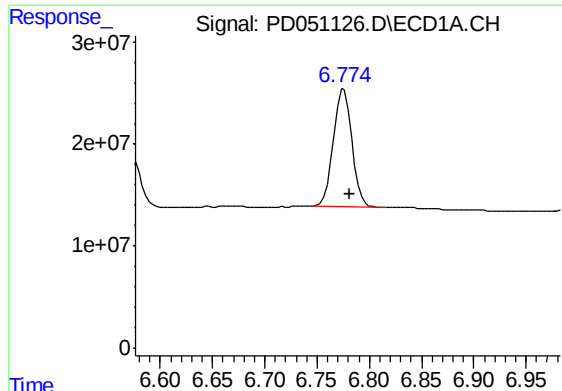
#20 Methoxychlor

R.T.: 6.574 min  
Delta R.T.: -0.004 min  
Response: 59679880  
Conc: 62.45 ng/ml



#20 Methoxychlor

R.T.: 7.646 min  
Delta R.T.: -0.005 min  
Response: 419872337  
Conc: 34.49 ng/ml



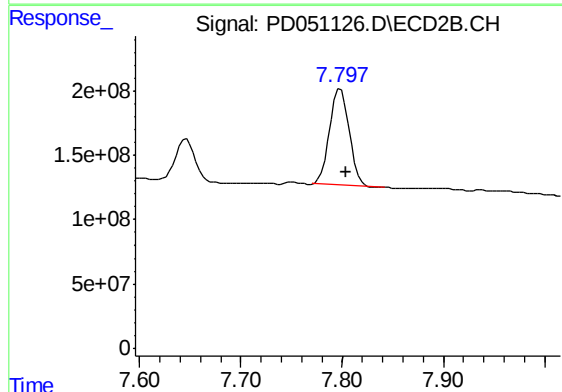
#21 Endrin ketone

R.T.: 6.776 min  
Delta R.T.: -0.005 min  
Response: 142334655  
Conc: 66.87 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PSTDCCC050

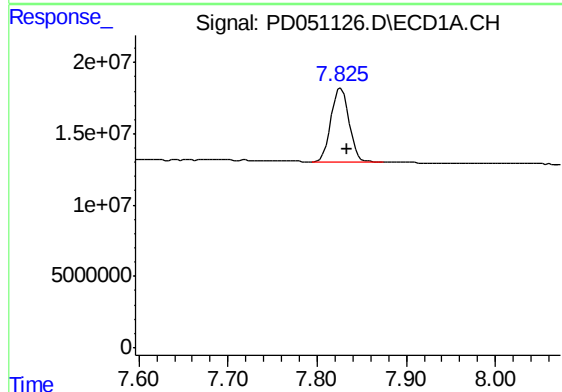
Manual Integrations  
APPROVED

Sohil  
1/21/2019 10:00:45 AM



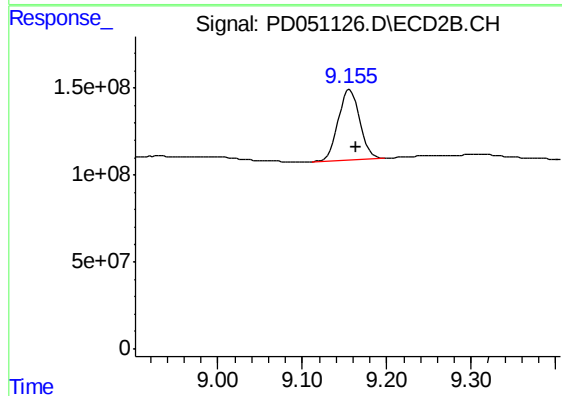
#21 Endrin ketone

R.T.: 7.798 min  
Delta R.T.: -0.005 min  
Response: 1016403420  
Conc: 39.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.826 min  
Delta R.T.: -0.008 min  
Response: 72644032  
Conc: 59.85 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.156 min  
Delta R.T.: -0.008 min  
Response: 714892072  
Conc: 35.83 ng/ml