

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD040119\  
 Data File : PD052411.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 01 Apr 2019 9:21  
 Operator : AJ\SJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Sohil  
 4/1/2019 5:12:12 PM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 01 11:40:39 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032919.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 29 13:06:45 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... | 3.220 | 4.041 | 28762907 | 698.7E6  | 20.612  | 24.106   |
| 28)                         | SA Decachlor... | 7.817 | 9.157 | 29531822 | 405.6E6  | 22.158  | 26.084   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.640 | 4.434 | 20171504 | 539.7E6  | 8.874   | 11.990 # |
| 3)                          | MA gamma-BHC... | 3.909 | 4.721 | 20231310 | 496.8E6  | 9.253   | 12.350 # |
| 6)                          | B beta-BHC      | 4.155 | 4.892 | 9425176  | 230.0E6  | 10.679  | 12.713   |
| 12)                         | B 4,4'-DDE      | 5.285 | 6.395 | 338506   | 10346635 | 0.182m  | 0.339 #  |
| 14)                         | MA Endrin       | 5.649 | 6.766 | 86694438 | 1349.0E6 | 47.083  | 53.836   |
| 16)                         | A 4,4'-DDD      | 5.790 | 6.888 | 1546840  | 63993057 | 1.012   | 2.676 #  |
| 17)                         | MA 4,4'-DDT     | 6.020 | 7.187 | 175.6E6  | 2414.5E6 | 122.042 | 129.572  |
| 18)                         | B Endrin al...  | 6.085 | 7.100 | 4143250  | 74593885 | 2.890   | 3.624 #  |
| 20)                         | A Methoxychlor  | 6.566 | 7.647 | 225.0E6  | 2713.6E6 | 266.323 | 271.273  |
| 21)                         | B Endrin ke...  | 6.767 | 7.798 | 7206092  | 84410213 | 3.962   | 4.120    |
| -----                       |                 |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD040119\  
Data File : PD052411.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 01 Apr 2019 9:21  
Operator : AJ\SJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

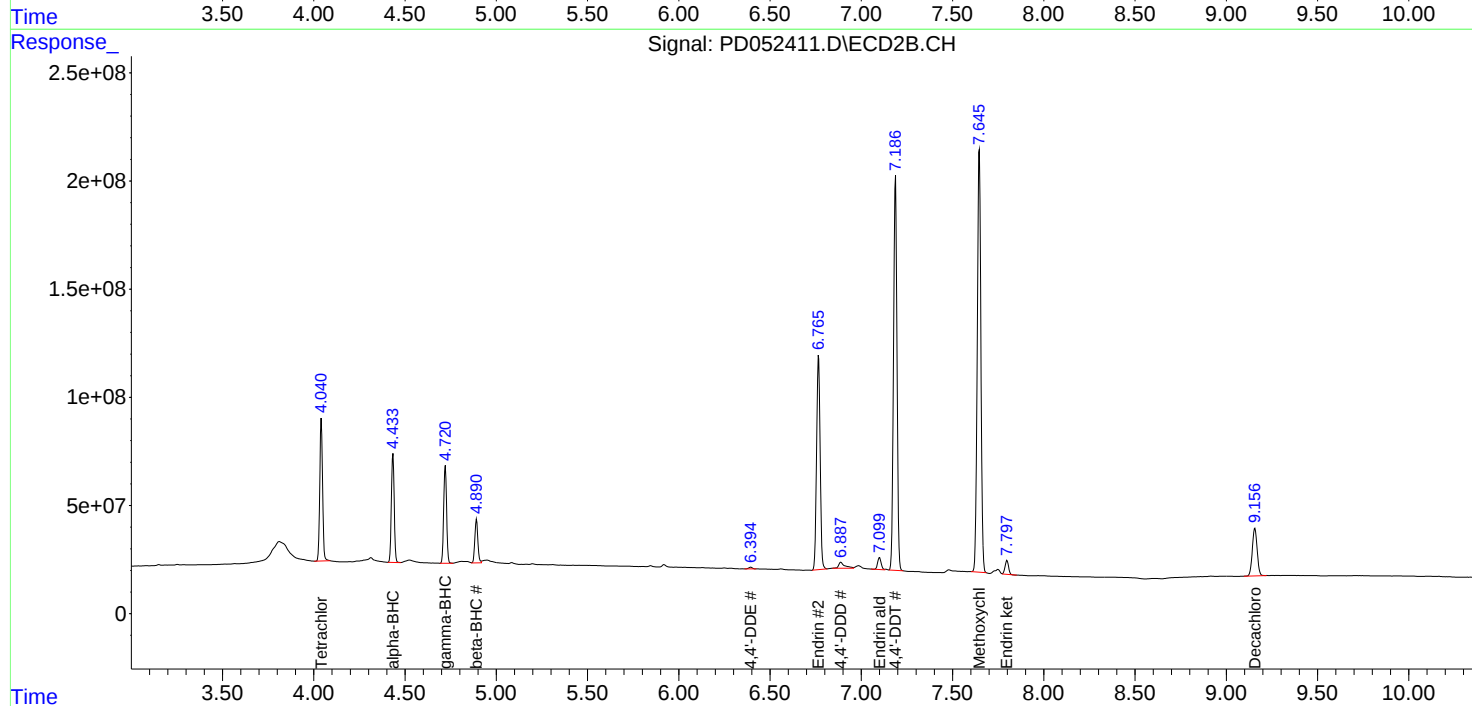
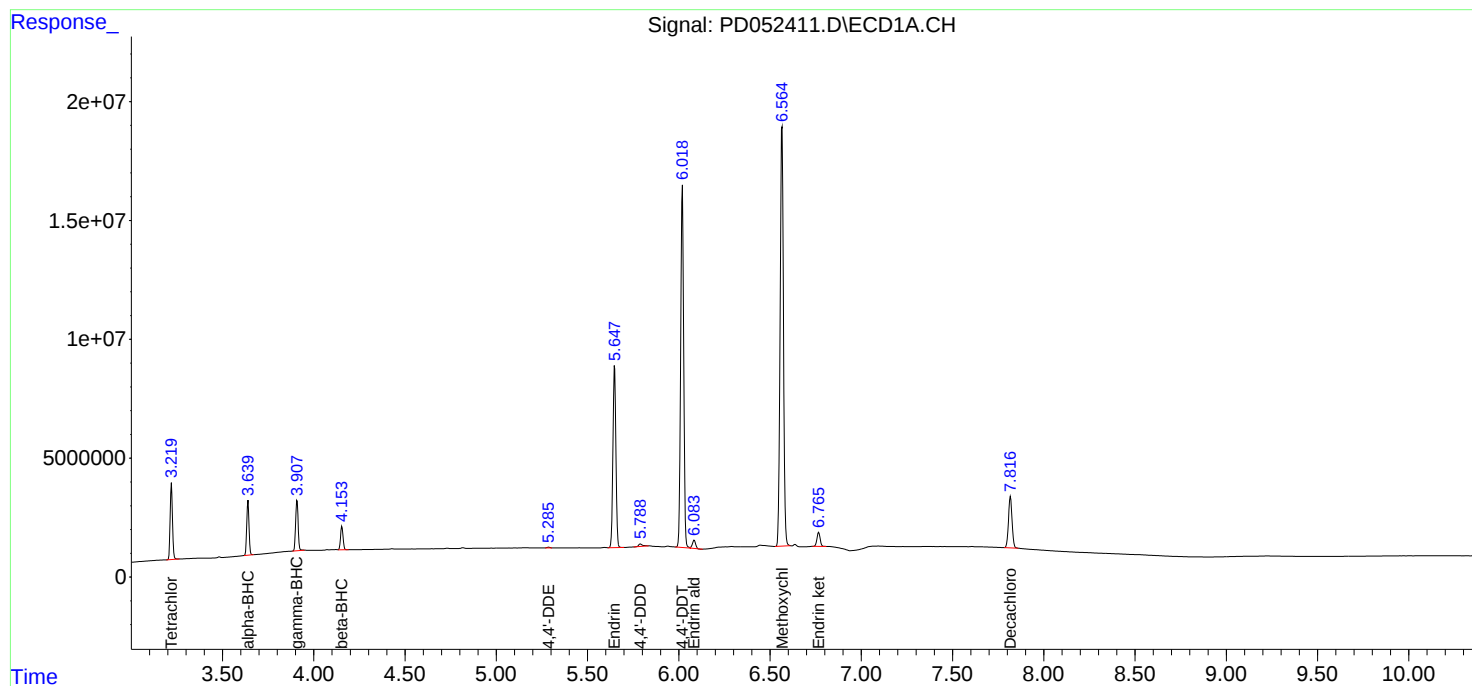
Instrument :  
ECD\_D  
ClientSampled :  
PEM

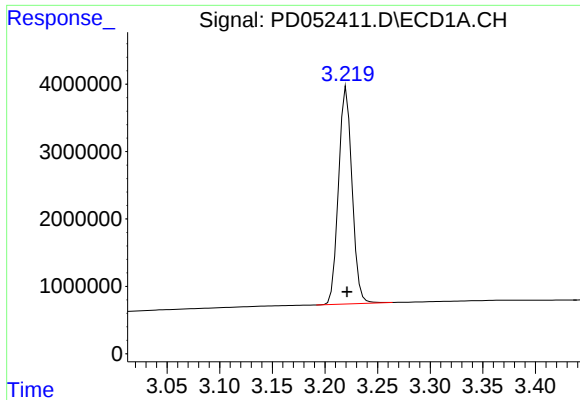
Manual Integrations  
APPROVED

Sohil  
4/1/2019 5:12:12 PM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 01 11:40:39 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032919.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 29 13:06:45 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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





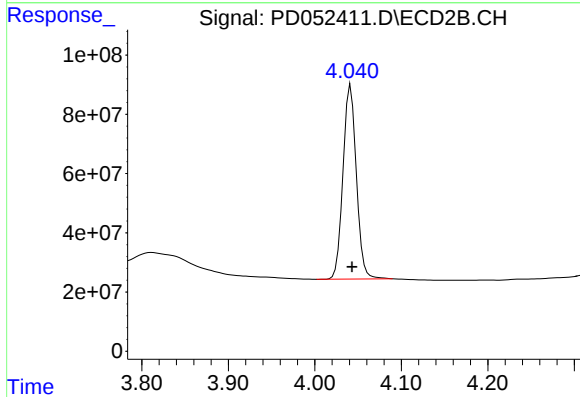
#1 Tetrachloro-m-xylene

R.T.: 3.220 min  
Delta R.T.: 0.000 min  
Response: 28762907  
Conc: 20.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

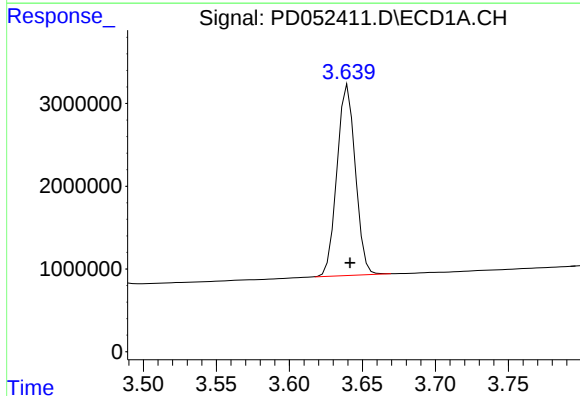
Manual Integrations  
APPROVED

Sohil  
4/1/2019 5:12:12 PM



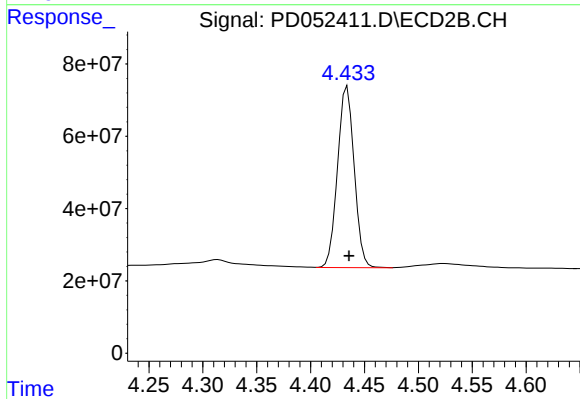
#1 Tetrachloro-m-xylene

R.T.: 4.041 min  
Delta R.T.: -0.002 min  
Response: 698700734  
Conc: 24.11 ng/ml



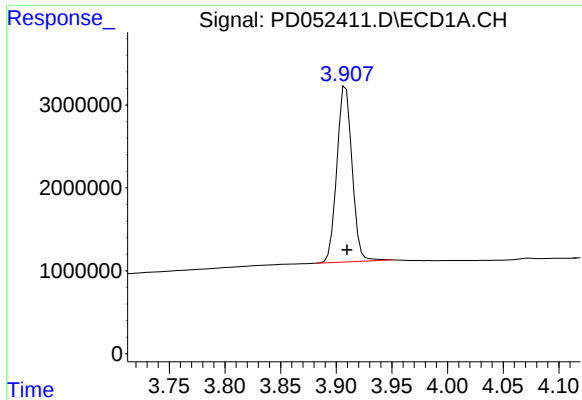
#2 alpha-BHC

R.T.: 3.640 min  
Delta R.T.: -0.001 min  
Response: 20171504  
Conc: 8.87 ng/ml



#2 alpha-BHC

R.T.: 4.434 min  
Delta R.T.: -0.002 min  
Response: 539658847  
Conc: 11.99 ng/ml



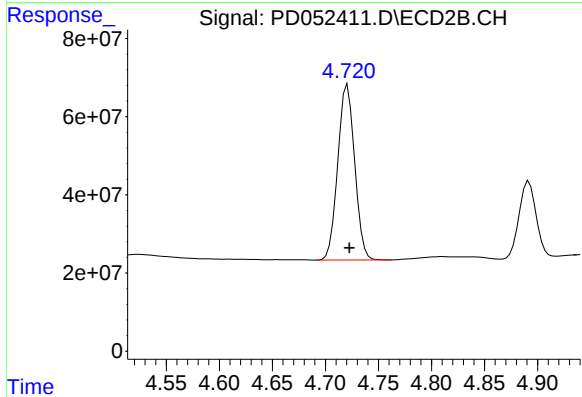
#3 gamma-BHC (Lindane)

R.T.: 3.909 min  
Delta R.T.: 0.000 min  
Response: 20231310  
Conc: 9.25 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

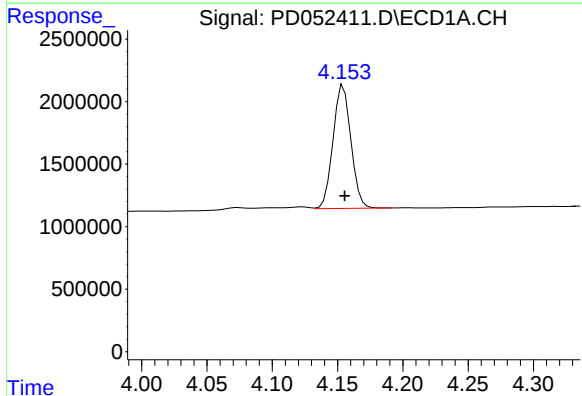
Manual Integrations  
APPROVED

Sohil  
4/1/2019 5:12:12 PM



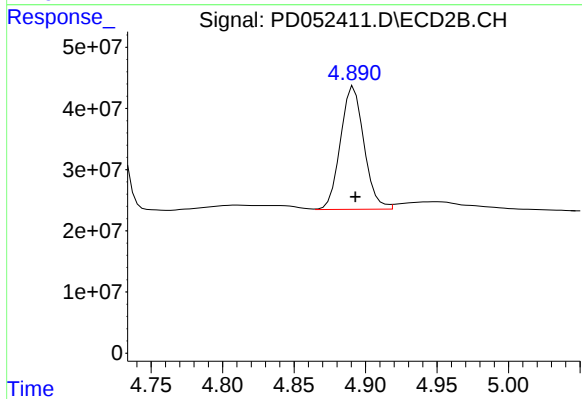
#3 gamma-BHC (Lindane)

R.T.: 4.721 min  
Delta R.T.: -0.002 min  
Response: 496822350  
Conc: 12.35 ng/ml



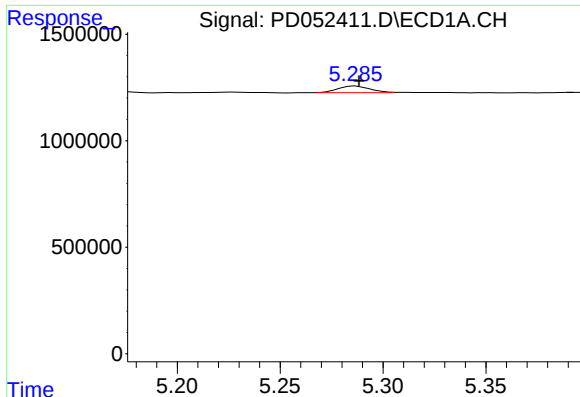
#6 beta-BHC

R.T.: 4.155 min  
Delta R.T.: 0.000 min  
Response: 9425176  
Conc: 10.68 ng/ml



#6 beta-BHC

R.T.: 4.892 min  
Delta R.T.: 0.000 min  
Response: 230044912  
Conc: 12.71 ng/ml



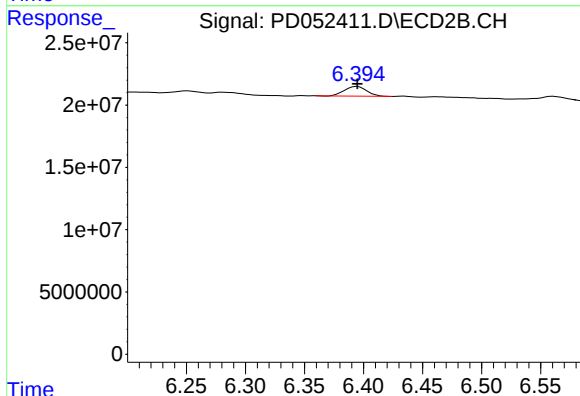
#12 4,4'-DDE

R.T.: 5.285 min  
Delta R.T.: -0.003 min  
Response: 338506  
Conc: 0.18 ng/ml m

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

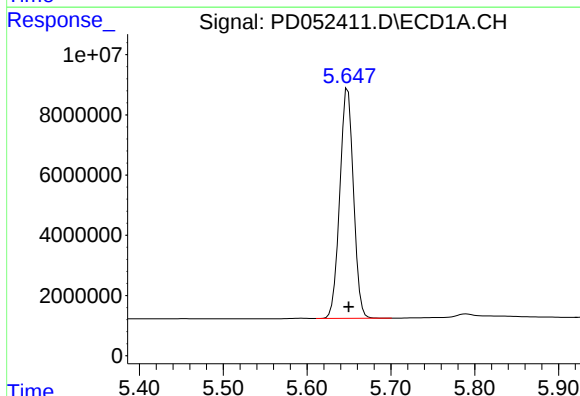
Manual Integrations  
APPROVED

Sohil  
4/1/2019 5:12:12 PM



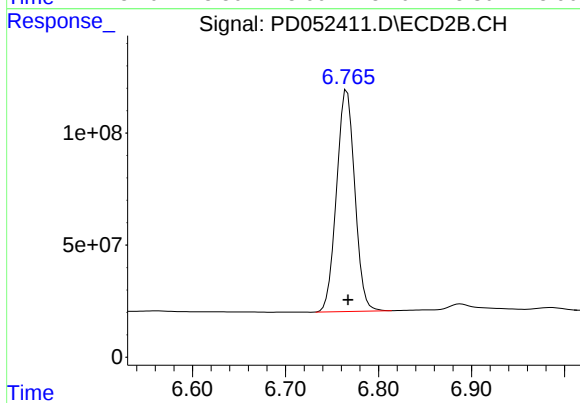
#12 4,4'-DDE

R.T.: 6.395 min  
Delta R.T.: 0.000 min  
Response: 10346635  
Conc: 0.34 ng/ml



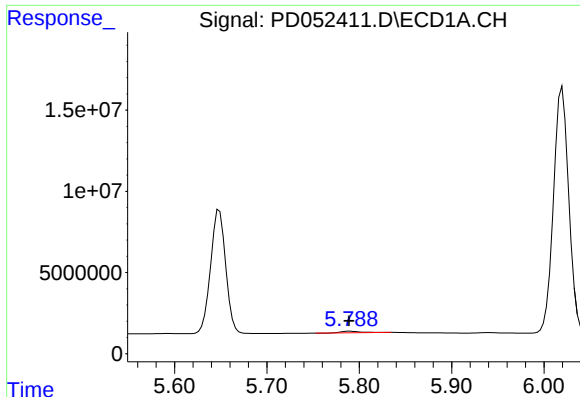
#14 Endrin

R.T.: 5.649 min  
Delta R.T.: -0.001 min  
Response: 86694438  
Conc: 47.08 ng/ml



#14 Endrin

R.T.: 6.766 min  
Delta R.T.: -0.001 min  
Response: 1349028384  
Conc: 53.84 ng/ml



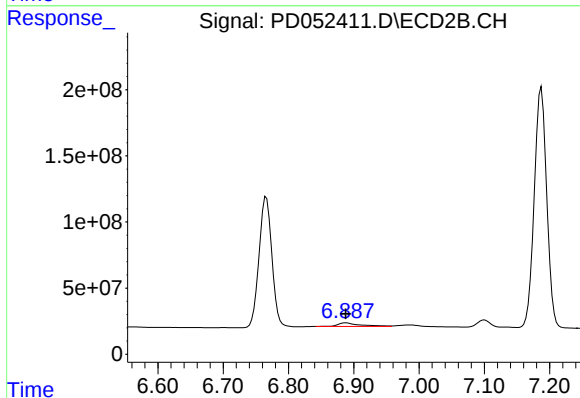
#16 4,4'-DDD

R.T.: 5.790 min  
Delta R.T.: 0.000 min  
Response: 1546840  
Conc: 1.01 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

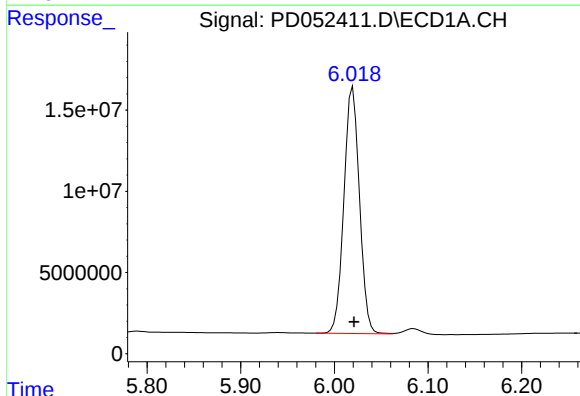
Manual Integrations  
APPROVED

Sohil  
4/1/2019 5:12:12 PM



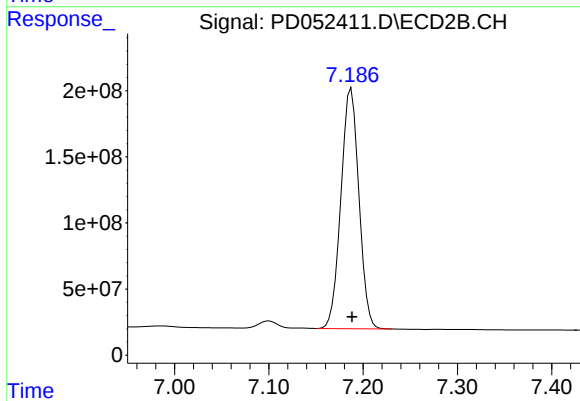
#16 4,4'-DDD

R.T.: 6.888 min  
Delta R.T.: 0.000 min  
Response: 63993057  
Conc: 2.68 ng/ml



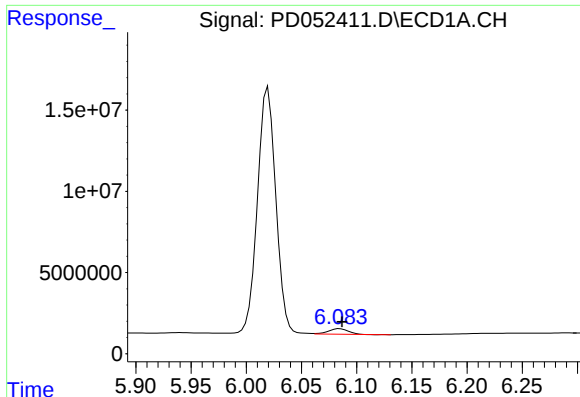
#17 4,4'-DDT

R.T.: 6.020 min  
Delta R.T.: -0.001 min  
Response: 175567887  
Conc: 122.04 ng/ml



#17 4,4'-DDT

R.T.: 7.187 min  
Delta R.T.: 0.000 min  
Response: 2414451581  
Conc: 129.57 ng/ml



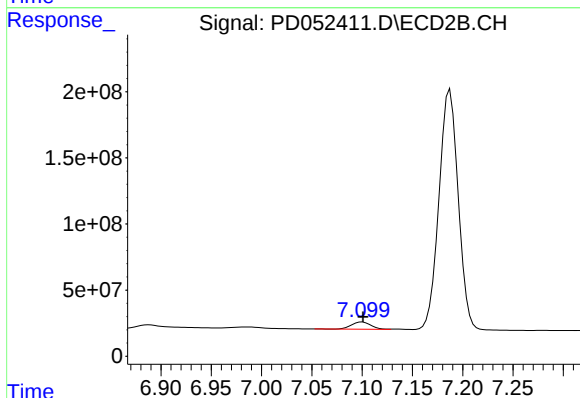
#18 Endrin aldehyde

R.T.: 6.085 min  
Delta R.T.: -0.002 min  
Response: 4143250  
Conc: 2.89 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

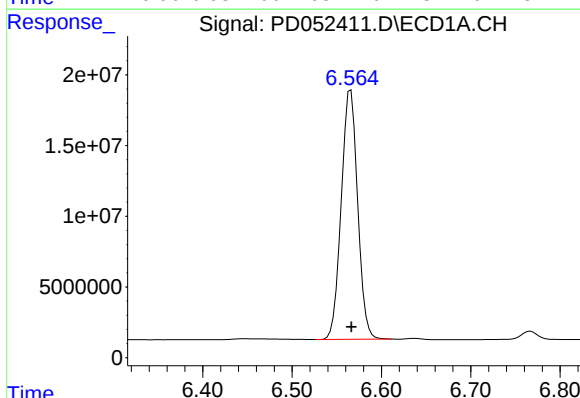
Manual Integrations  
APPROVED

Sohil  
4/1/2019 5:12:12 PM



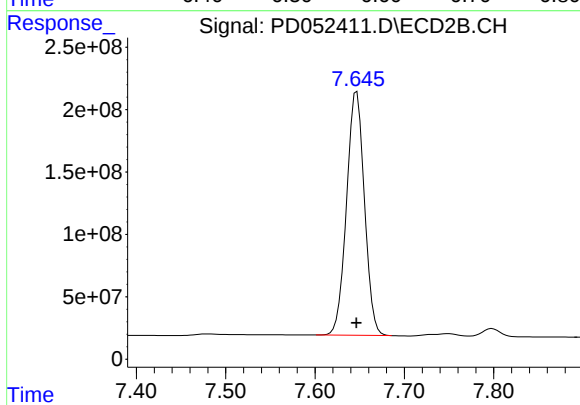
#18 Endrin aldehyde

R.T.: 7.100 min  
Delta R.T.: 0.000 min  
Response: 74593885  
Conc: 3.62 ng/ml



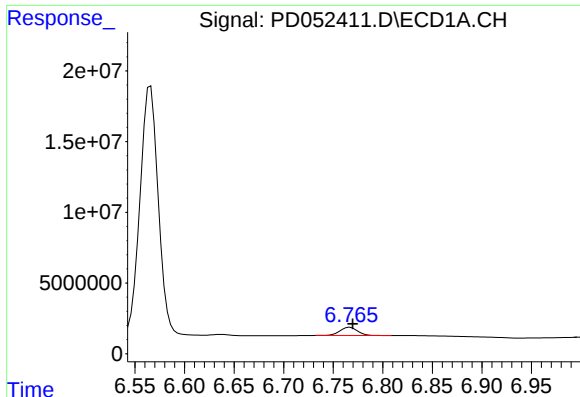
#20 Methoxychlor

R.T.: 6.566 min  
Delta R.T.: 0.000 min  
Response: 224994920  
Conc: 266.32 ng/ml



#20 Methoxychlor

R.T.: 7.647 min  
Delta R.T.: 0.000 min  
Response: 2713618267  
Conc: 271.27 ng/ml



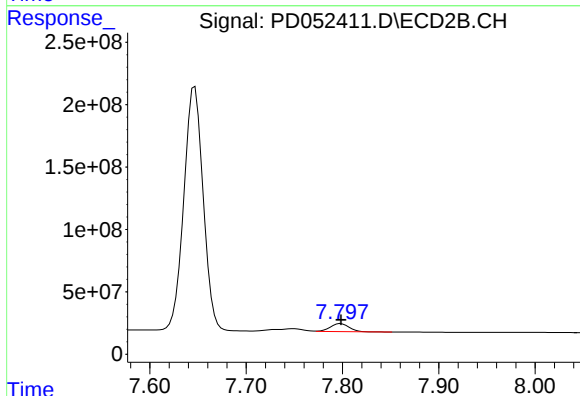
#21 Endrin ketone

R.T.: 6.767 min  
Delta R.T.: -0.003 min  
Response: 7206092  
Conc: 3.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
PEM

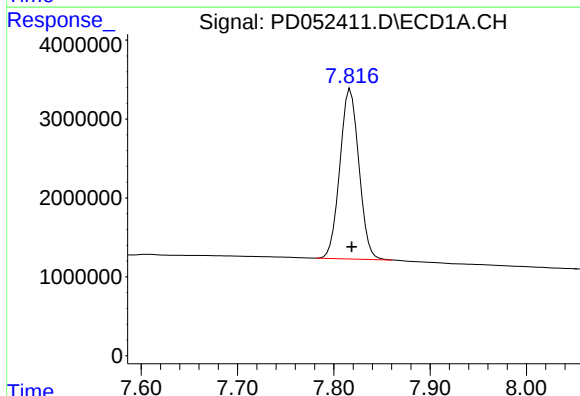
Manual Integrations  
APPROVED

Sohil  
4/1/2019 5:12:12 PM



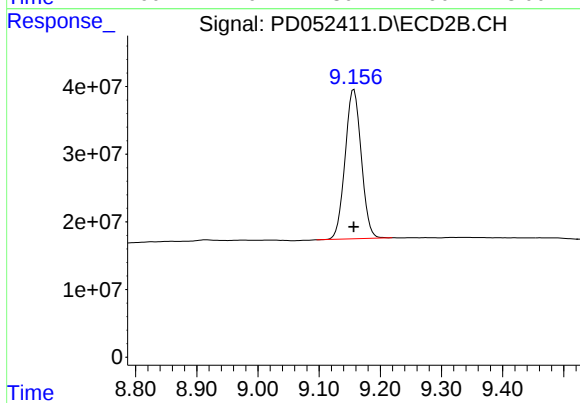
#21 Endrin ketone

R.T.: 7.798 min  
Delta R.T.: 0.000 min  
Response: 84410213  
Conc: 4.12 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.817 min  
Delta R.T.: -0.001 min  
Response: 29531822  
Conc: 22.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.157 min  
Delta R.T.: 0.000 min  
Response: 405646460  
Conc: 26.08 ng/ml