

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031519\  
 Data File : PL046009.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Mar 2019 20:58  
 Operator : AJ\SJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Sohil  
 3/18/2019 11:40:34 AM

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 15 23:10:24 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022719.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Feb 27 17:00:03 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... | 3.363 | 3.982 | 137.8E6  | 42769010 | 20.026  | 19.971  |
| 28)                         | SA Decachlor... | 8.045 | 9.042 | 162.8E6  | 47172098 | 19.462  | 20.645  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.792 | 4.372 | 96397635 | 26504254 | 8.679   | 8.722   |
| 3)                          | MA gamma-BHC... | 4.070 | 4.657 | 91166122 | 26294411 | 9.020   | 9.309   |
| 6)                          | B beta-BHC      | 4.323 | 4.829 | 43560981 | 12681748 | 10.163  | 9.986   |
| 12)                         | B 4,4'-DDE      | 5.480 | 6.317 | 2265370  | 785002   | 0.258m  | 0.336m# |
| 14)                         | MA Endrin       | 5.861 | 6.686 | 389.9E6  | 96292510 | 43.291  | 42.321  |
| 16)                         | A 4,4'-DDD      | 5.994 | 6.809 | 33122405 | 9353377  | 4.524   | 4.864   |
| 17)                         | MA 4,4'-DDT     | 6.230 | 7.108 | 742.9E6  | 190.8E6  | 99.048  | 96.661  |
| 18)                         | B Endrin al...  | 6.302 | 7.019 | 15064992 | 3794623  | 2.061   | 1.856   |
| 20)                         | A Methoxychlor  | 6.774 | 7.566 | 946.4E6  | 261.5E6  | 215.492 | 213.080 |
| 21)                         | B Endrin ke...  | 6.997 | 7.711 | 38785774 | 8917645  | 4.210   | 3.749   |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031519\  
Data File : PL046009.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Mar 2019 20:58  
Operator : AJ\SJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

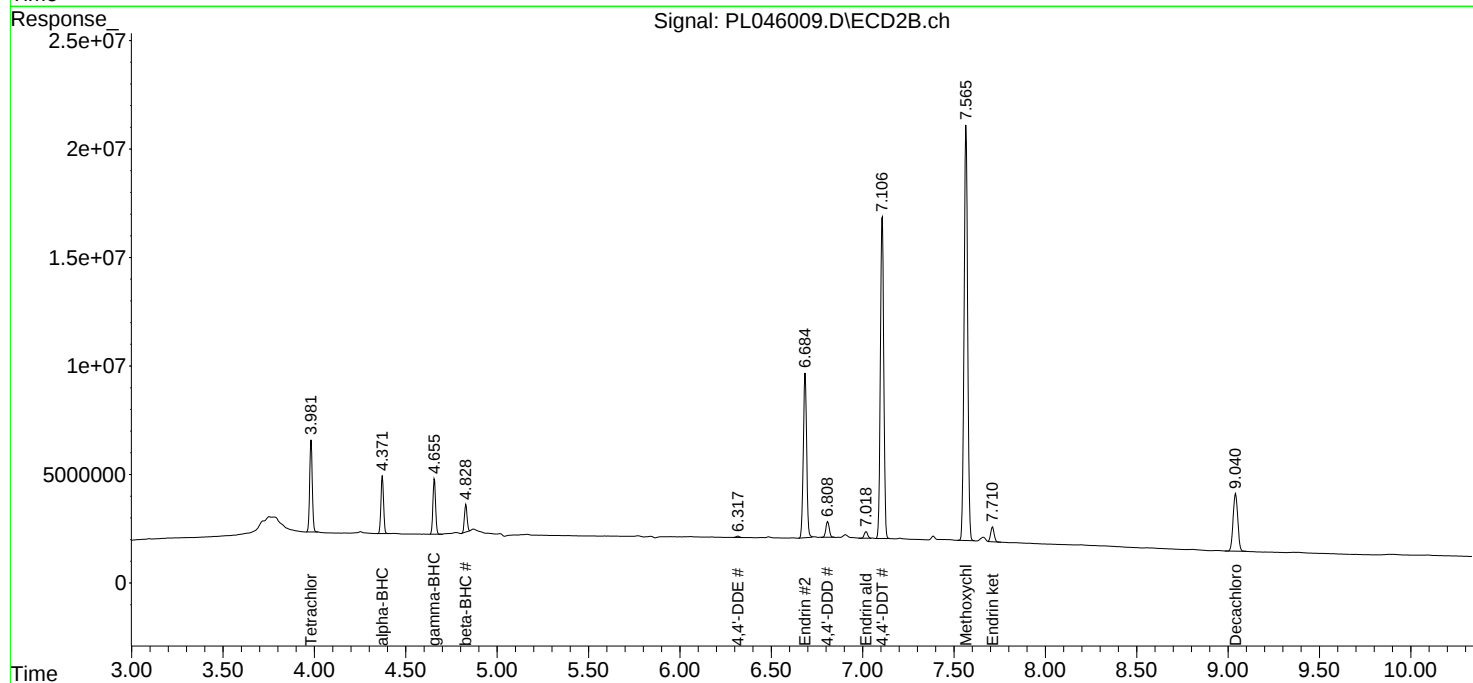
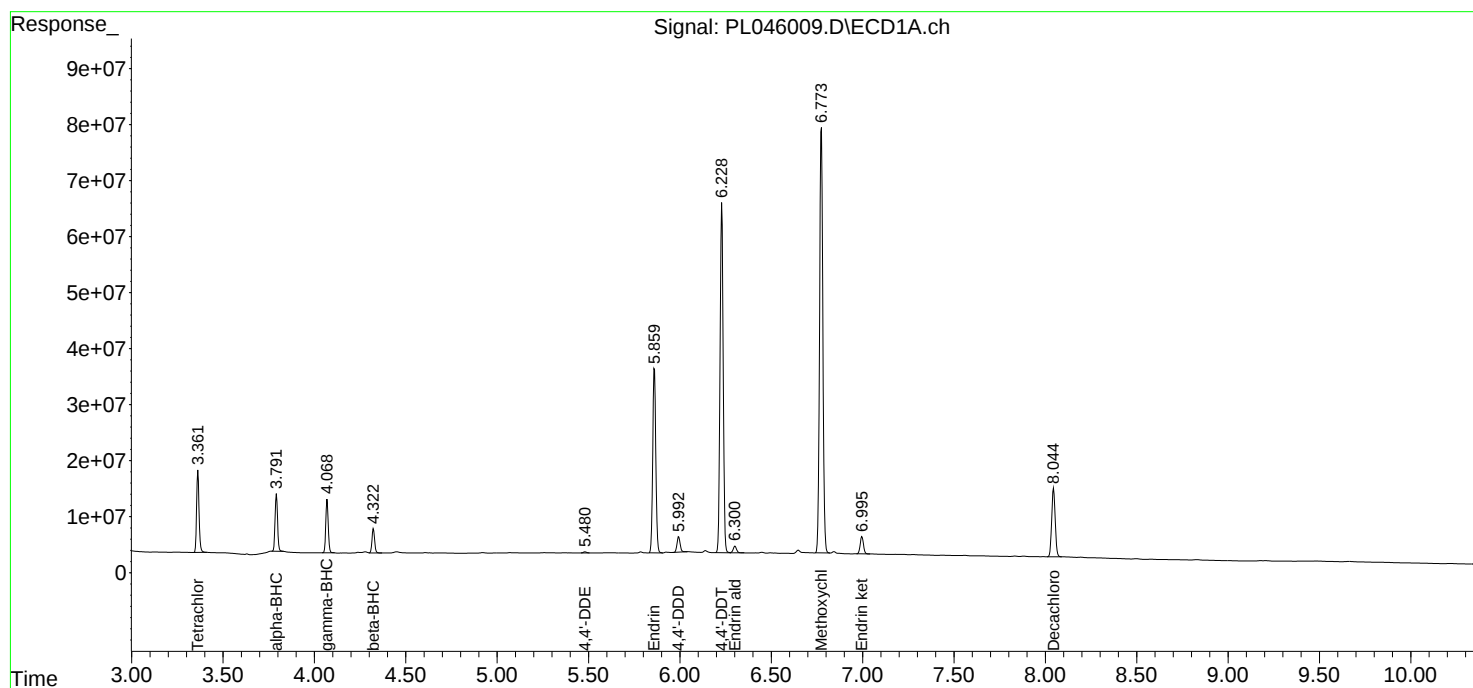
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

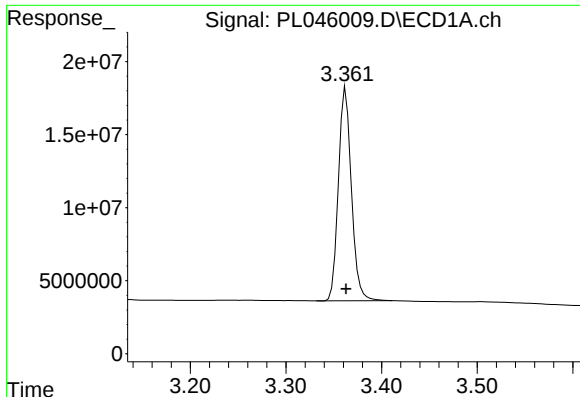
Manual Integrations  
APPROVED

Sohil  
3/18/2019 11:40:34 AM

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 15 23:10:24 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022719.M  
Quant Title : GC Extractables  
QLast Update : Wed Feb 27 17:00:03 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





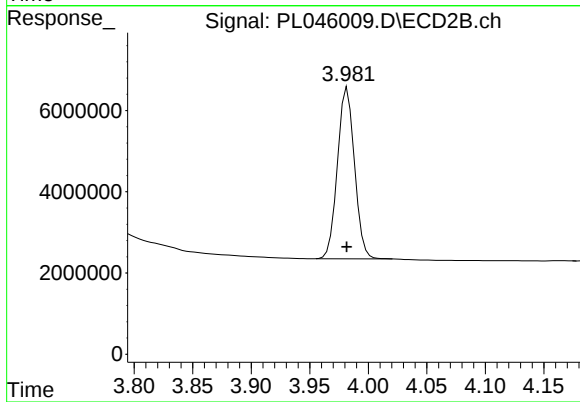
#1 Tetrachloro-m-xylene

R.T.: 3.363 min  
Delta R.T.: 0.000 min  
Response: 137761502  
Conc: 20.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

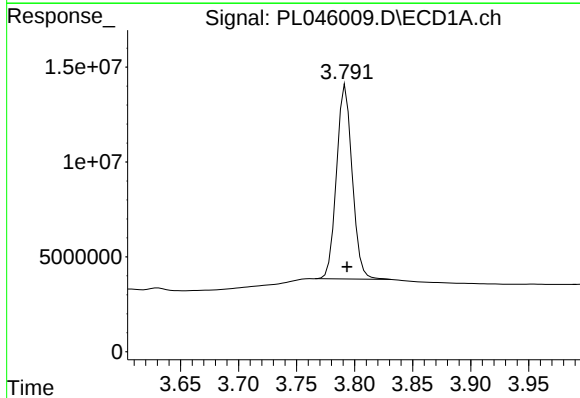
Manual Integrations  
APPROVED

Sohil  
3/18/2019 11:40:34 AM



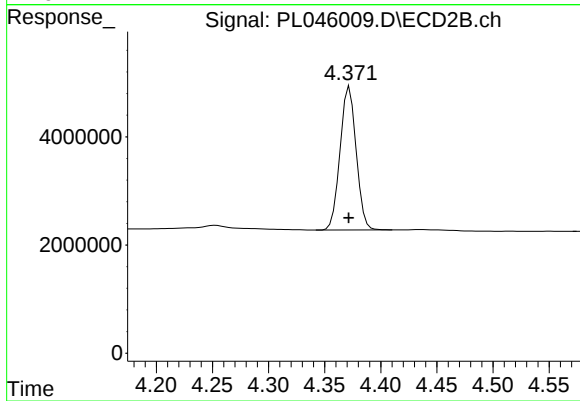
#1 Tetrachloro-m-xylene

R.T.: 3.982 min  
Delta R.T.: 0.000 min  
Response: 42769010  
Conc: 19.97 ng/ml



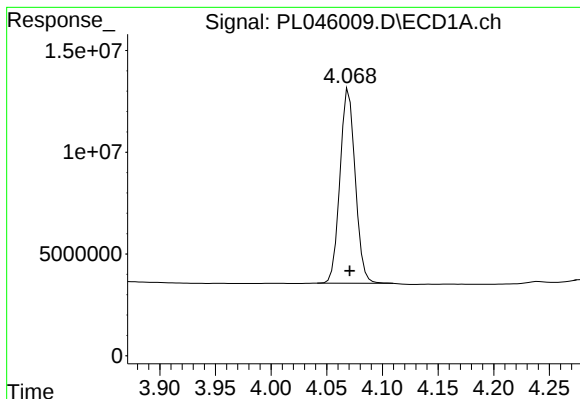
#2 alpha-BHC

R.T.: 3.792 min  
Delta R.T.: -0.001 min  
Response: 96397635  
Conc: 8.68 ng/ml



#2 alpha-BHC

R.T.: 4.372 min  
Delta R.T.: 0.000 min  
Response: 26504254  
Conc: 8.72 ng/ml



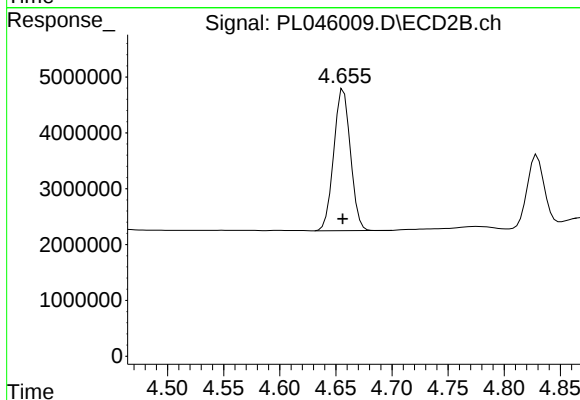
#3 gamma-BHC (Lindane)

R.T.: 4.070 min  
Delta R.T.: 0.000 min  
Response: 91166122  
Conc: 9.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

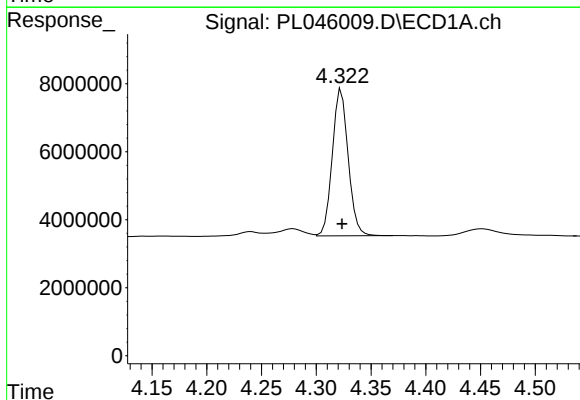
Manual Integrations  
APPROVED

Sohil  
3/18/2019 11:40:34 AM



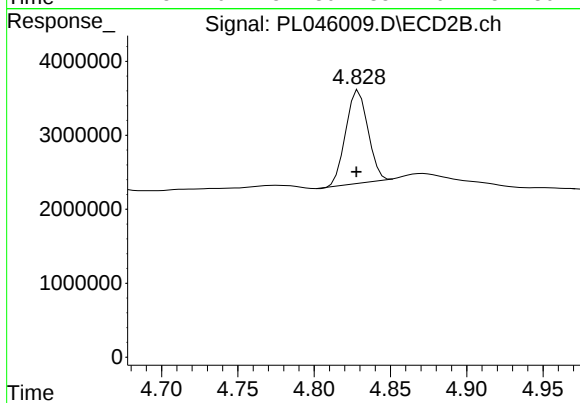
#3 gamma-BHC (Lindane)

R.T.: 4.657 min  
Delta R.T.: 0.000 min  
Response: 26294411  
Conc: 9.31 ng/ml



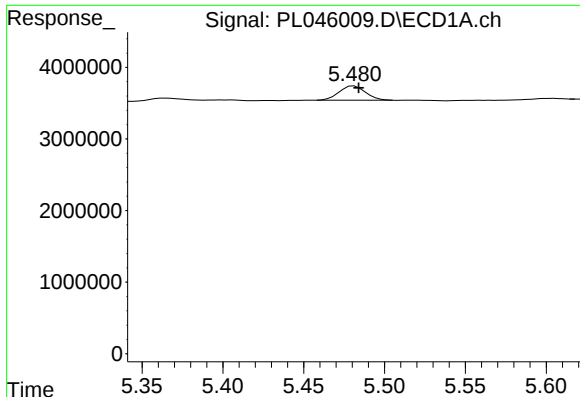
#6 beta-BHC

R.T.: 4.323 min  
Delta R.T.: 0.000 min  
Response: 43560981  
Conc: 10.16 ng/ml



#6 beta-BHC

R.T.: 4.829 min  
Delta R.T.: 0.002 min  
Response: 12681748  
Conc: 9.99 ng/ml



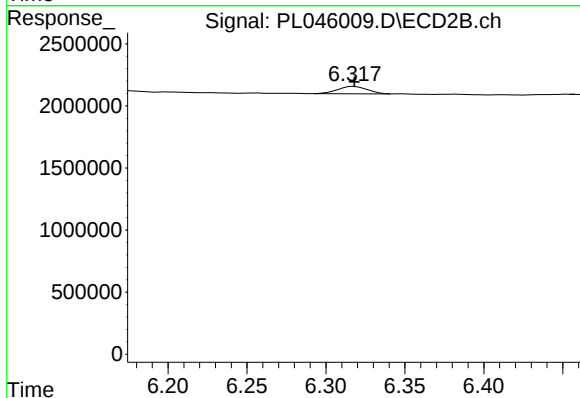
#12 4,4'-DDE

R.T.: 5.480 min  
Delta R.T.: -0.004 min  
Response: 2265370  
Conc: 0.26 ng/ml m

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

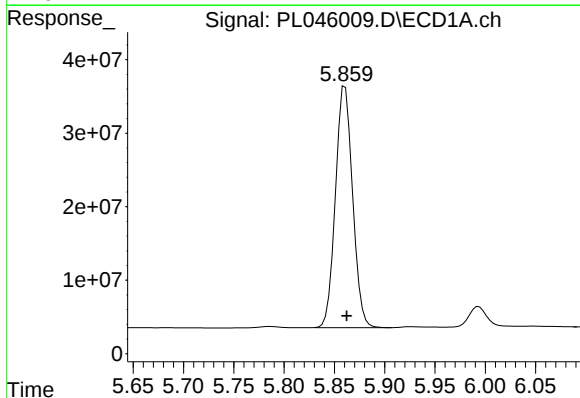
Manual Integrations  
APPROVED

Sohil  
3/18/2019 11:40:34 AM



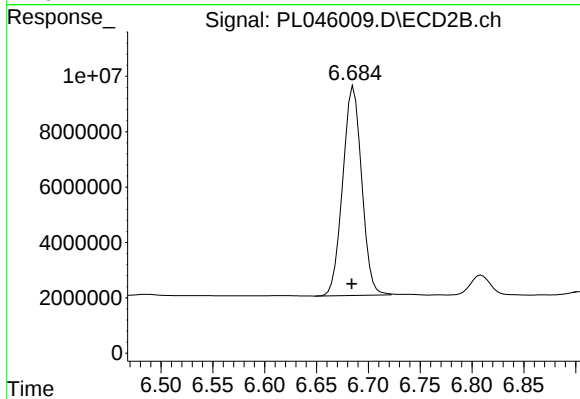
#12 4,4'-DDE

R.T.: 6.317 min  
Delta R.T.: -0.001 min  
Response: 785002  
Conc: 0.34 ng/ml m



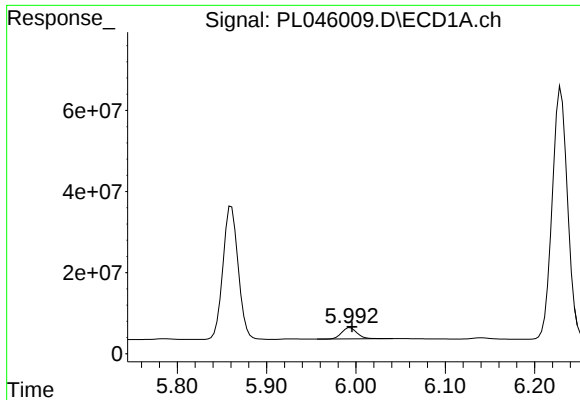
#14 Endrin

R.T.: 5.861 min  
Delta R.T.: -0.002 min  
Response: 389871524  
Conc: 43.29 ng/ml



#14 Endrin

R.T.: 6.686 min  
Delta R.T.: 0.002 min  
Response: 96292510  
Conc: 42.32 ng/ml



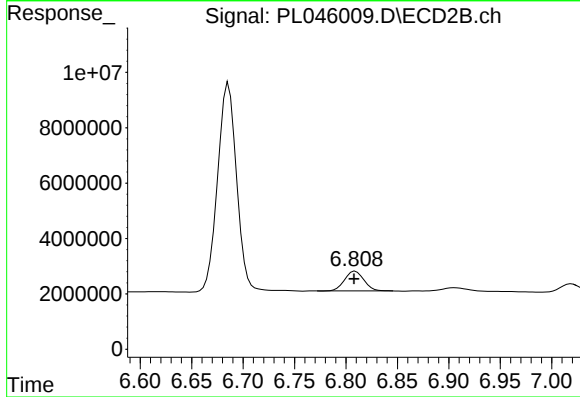
#16 4,4'-DDD

R.T.: 5.994 min  
Delta R.T.: -0.002 min  
Response: 33122405  
Conc: 4.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

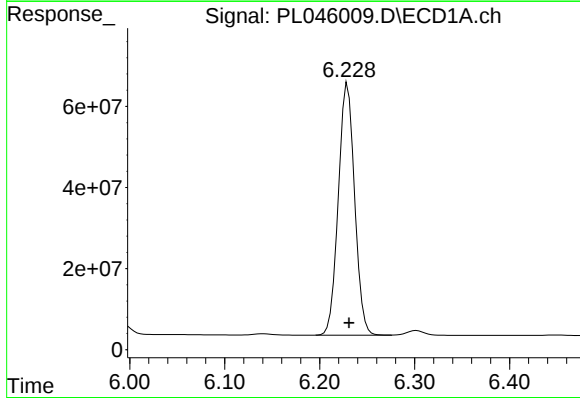
Manual Integrations  
APPROVED

Sohil  
3/18/2019 11:40:34 AM



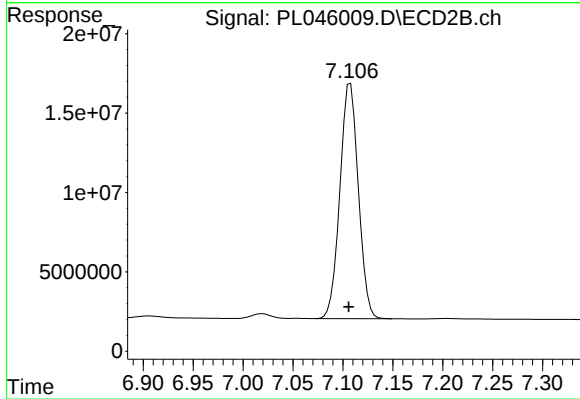
#16 4,4'-DDD

R.T.: 6.809 min  
Delta R.T.: 0.001 min  
Response: 9353377  
Conc: 4.86 ng/ml



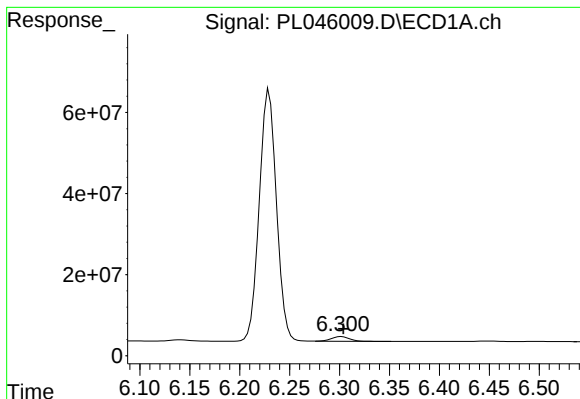
#17 4,4'-DDT

R.T.: 6.230 min  
Delta R.T.: -0.001 min  
Response: 742869061  
Conc: 99.05 ng/ml



#17 4,4'-DDT

R.T.: 7.108 min  
Delta R.T.: 0.002 min  
Response: 190755612  
Conc: 96.66 ng/ml



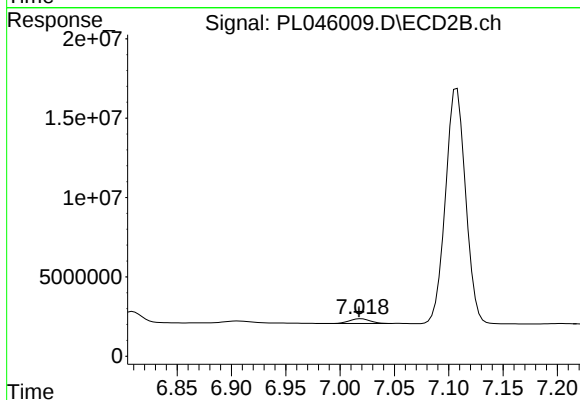
#18 Endrin aldehyde

R.T.: 6.302 min  
Delta R.T.: -0.002 min  
Response: 15064992  
Conc: 2.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

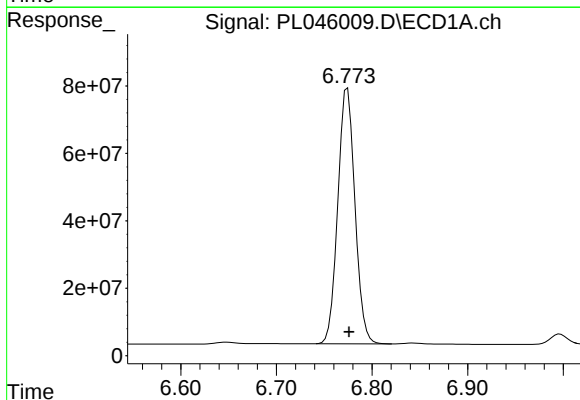
Manual Integrations  
APPROVED

Sohil  
3/18/2019 11:40:34 AM



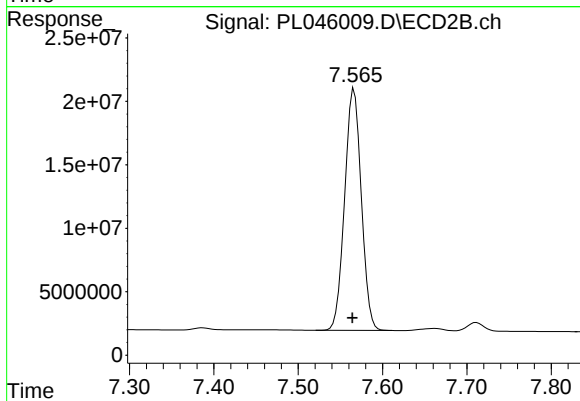
#18 Endrin aldehyde

R.T.: 7.019 min  
Delta R.T.: 0.002 min  
Response: 3794623  
Conc: 1.86 ng/ml



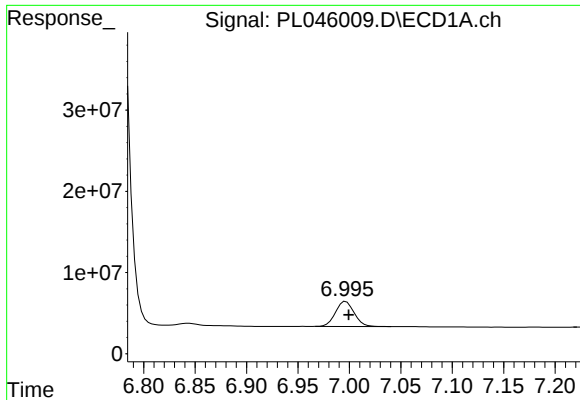
#20 Methoxychlor

R.T.: 6.774 min  
Delta R.T.: -0.002 min  
Response: 946380069  
Conc: 215.49 ng/ml



#20 Methoxychlor

R.T.: 7.566 min  
Delta R.T.: 0.002 min  
Response: 261537746  
Conc: 213.08 ng/ml



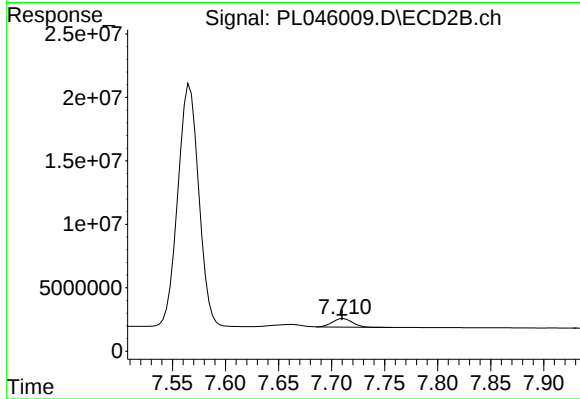
#21 Endrin ketone

R.T.: 6.997 min  
Delta R.T.: -0.003 min  
Response: 38785774  
Conc: 4.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

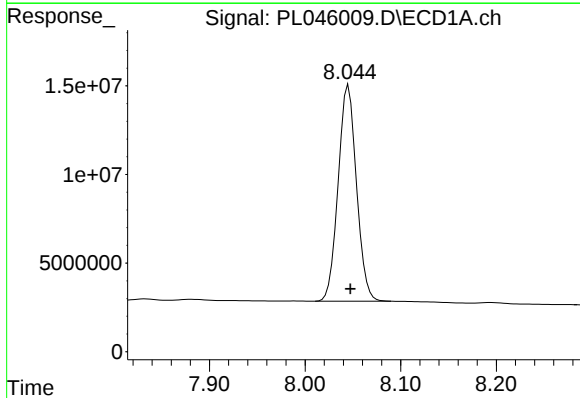
Manual Integrations  
APPROVED

Sohil  
3/18/2019 11:40:34 AM



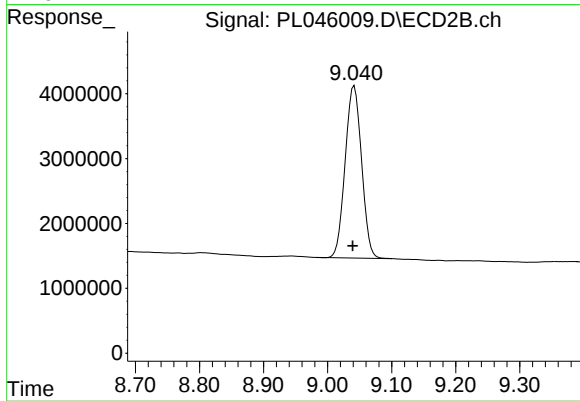
#21 Endrin ketone

R.T.: 7.711 min  
Delta R.T.: 0.002 min  
Response: 8917645  
Conc: 3.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.045 min  
Delta R.T.: -0.002 min  
Response: 162845508  
Conc: 19.46 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.042 min  
Delta R.T.: 0.003 min  
Response: 47172098  
Conc: 20.64 ng/ml