

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040623\  
 Data File : PL081863.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 06 Apr 2023 08:48  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 04/07/2023  
 Supervised By : Ankita Jodhani 04/07/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 06 21:25:00 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Mar 23 01:07:33 2023  
 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... | 3.330 | 2.657 | 48943538 | 40062311 | 21.043  | 20.070  |
| 28)                         | SA Decachlor... | 8.752 | 7.774 | 35306312 | 38997063 | 19.728  | 19.663  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.779 | 3.155 | 33268596 | 26091698 | 9.704   | 8.951   |
| 3)                          | MA gamma-BHC... | 4.107 | 3.483 | 31889279 | 25226684 | 10.038  | 9.061   |
| 6)                          | B beta-BHC      | 4.310 | 3.782 | 15950958 | 13092662 | 10.598  | 10.993  |
| 12)                         | B 4,4'-DDE      | 5.960 | 5.096 | 509750   | 362221   | 0.226   | 0.184m  |
| 14)                         | MA Endrin       | 6.333 | 5.502 | 93227067 | 93218940 | 44.074  | 46.063  |
| 16)                         | A 4,4'-DDD      | 6.475 | 5.652 | 8316771  | 7430351  | 4.611m  | 4.896   |
| 17)                         | MA 4,4'-DDT     | 6.788 | 5.901 | 170.5E6  | 172.8E6  | 84.028  | 100.253 |
| 18)                         | B Endrin al...  | 6.684 | 5.979 | 3014070  | 4044662  | 1.842   | 2.604 # |
| 20)                         | A Methoxychlor  | 7.268 | 6.480 | 228.5E6  | 233.9E6  | 212.179 | 234.872 |
| 21)                         | B Endrin ke...  | 7.398 | 6.705 | 5871839  | 7414709  | 2.803   | 3.470   |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL040623\  
Data File : PL081863.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 06 Apr 2023 08:48  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

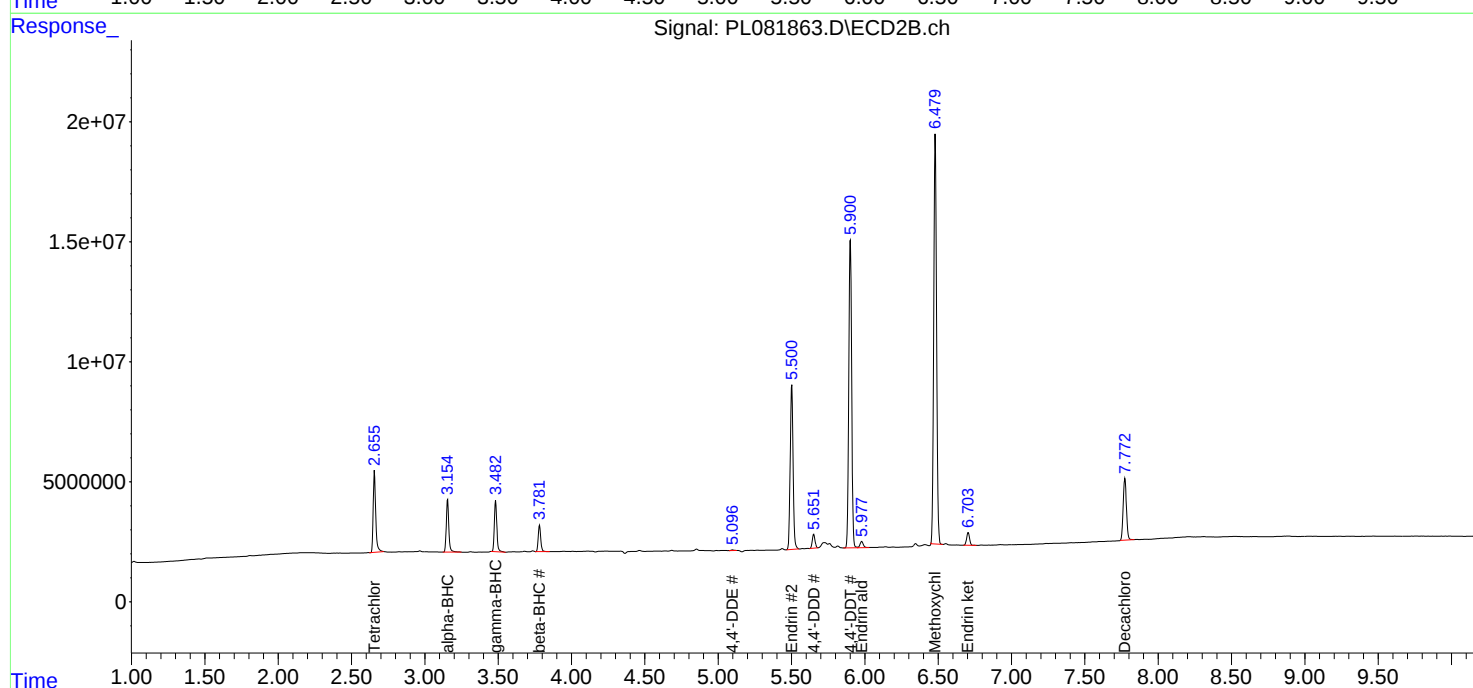
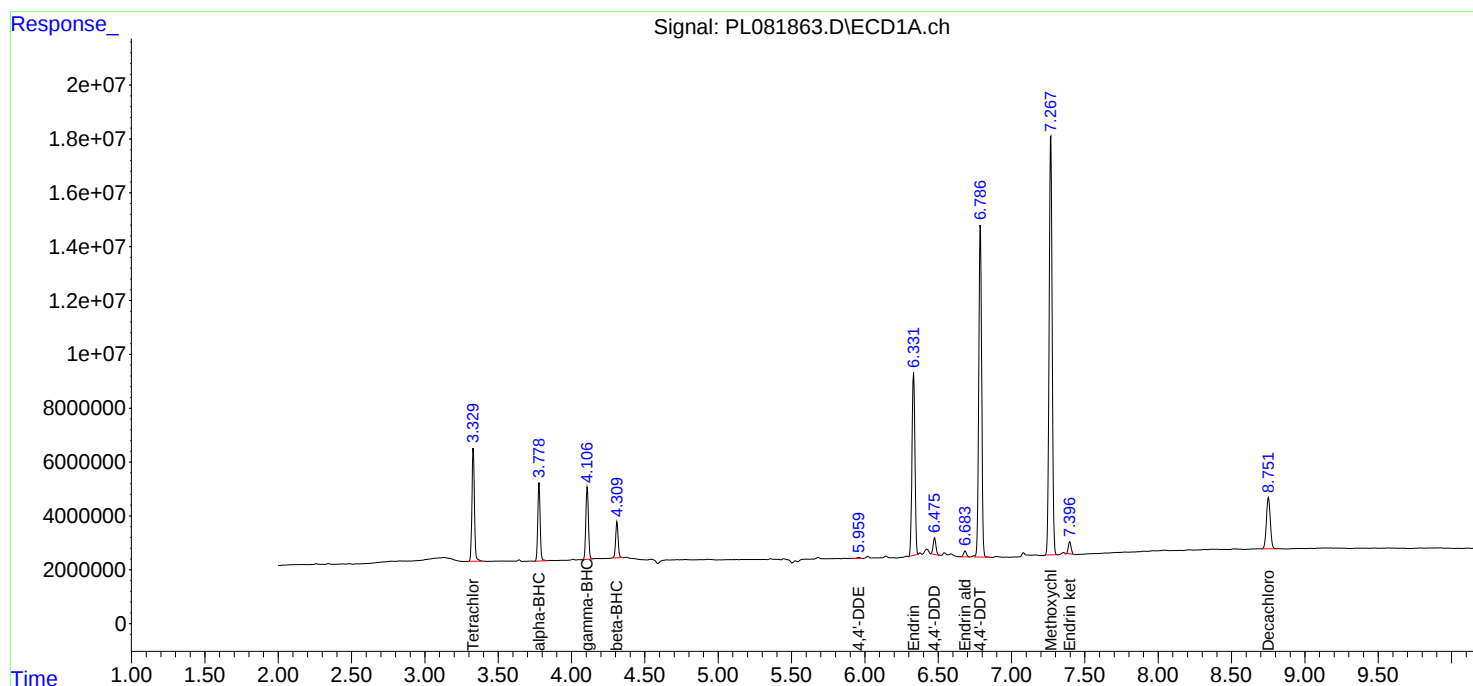
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

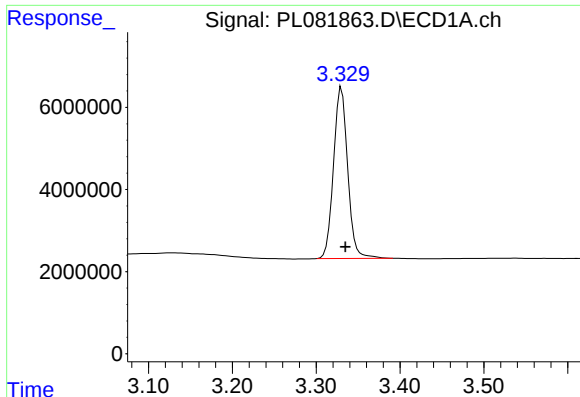
Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 04/07/2023  
Supervised By : Ankita Jodhani 04/07/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 06 21:25:00 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL032223.M  
Quant Title : GC Extractables  
QLast Update : Thu Mar 23 01:07:33 2023  
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





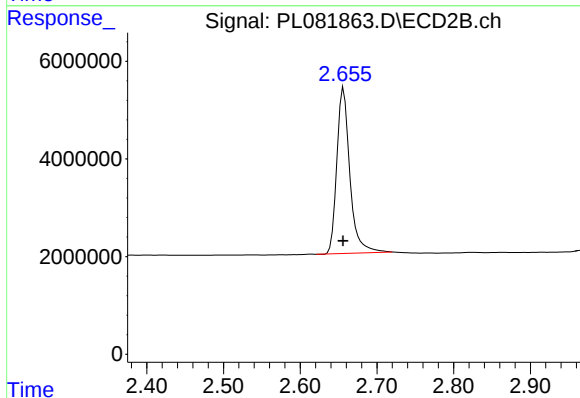
#1 Tetrachloro-m-xylene

R.T.: 3.330 min  
Delta R.T.: -0.005 min  
Response: 48943538  
Conc: 21.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

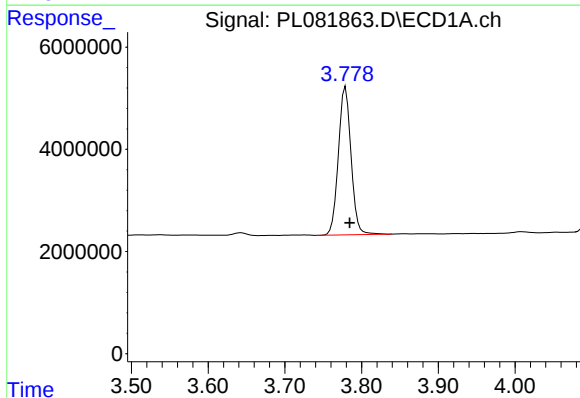
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/07/2023  
Supervised By :Ankita Jodhani 04/07/2023



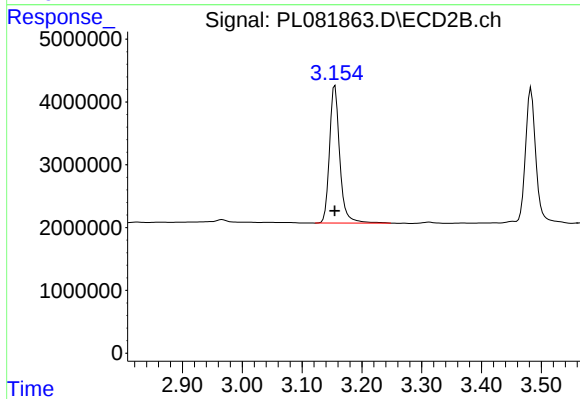
#1 Tetrachloro-m-xylene

R.T.: 2.657 min  
Delta R.T.: 0.000 min  
Response: 40062311  
Conc: 20.07 ng/ml



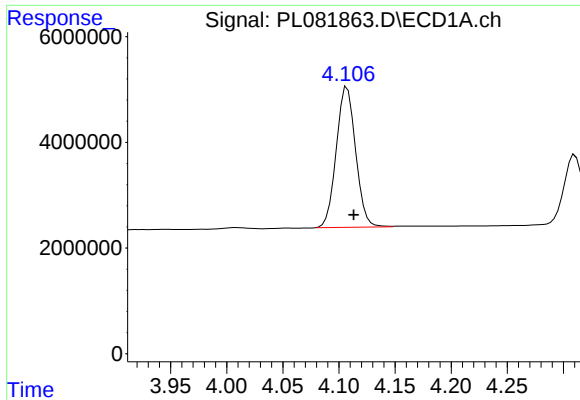
#2 alpha-BHC

R.T.: 3.779 min  
Delta R.T.: -0.006 min  
Response: 33268596  
Conc: 9.70 ng/ml



#2 alpha-BHC

R.T.: 3.155 min  
Delta R.T.: 0.000 min  
Response: 26091698  
Conc: 8.95 ng/ml



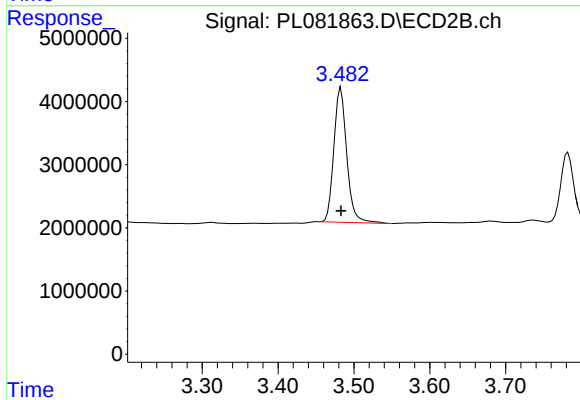
#3 gamma-BHC (Lindane)

R.T.: 4.107 min  
Delta R.T.: -0.006 min  
Response: 31889279  
Conc: 10.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

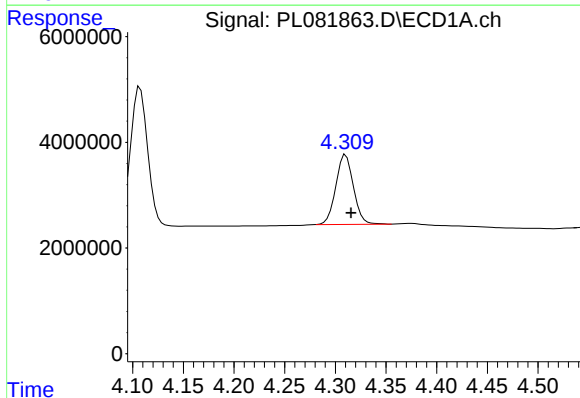
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/07/2023  
Supervised By :Ankita Jodhani 04/07/2023



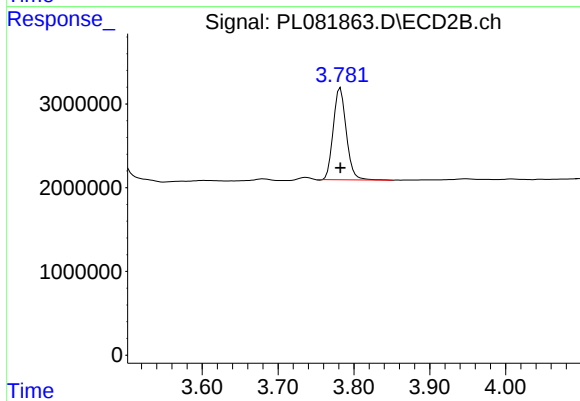
#3 gamma-BHC (Lindane)

R.T.: 3.483 min  
Delta R.T.: 0.000 min  
Response: 25226684  
Conc: 9.06 ng/ml



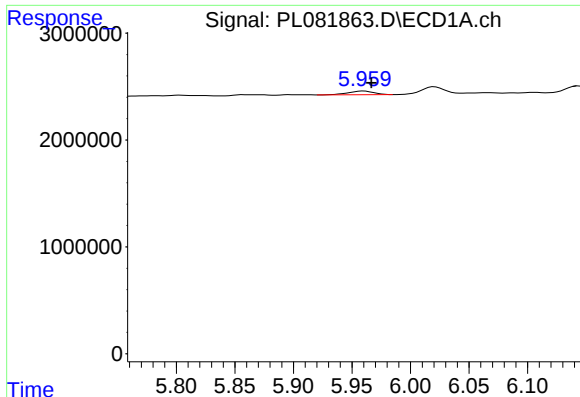
#6 beta-BHC

R.T.: 4.310 min  
Delta R.T.: -0.005 min  
Response: 15950958  
Conc: 10.60 ng/ml



#6 beta-BHC

R.T.: 3.782 min  
Delta R.T.: 0.000 min  
Response: 13092662  
Conc: 10.99 ng/ml



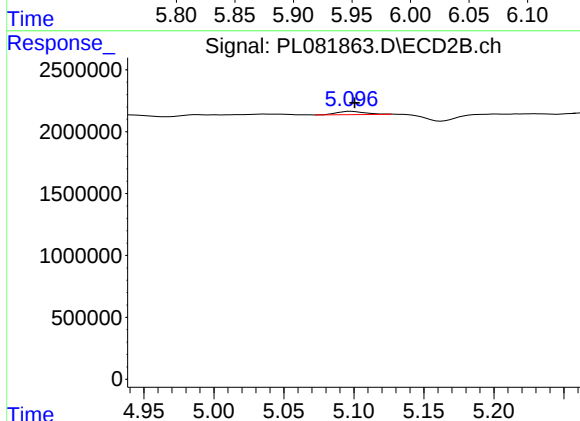
#12 4,4'-DDE

R.T.: 5.960 min  
Delta R.T.: -0.007 min  
Response: 509750  
Conc: 0.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

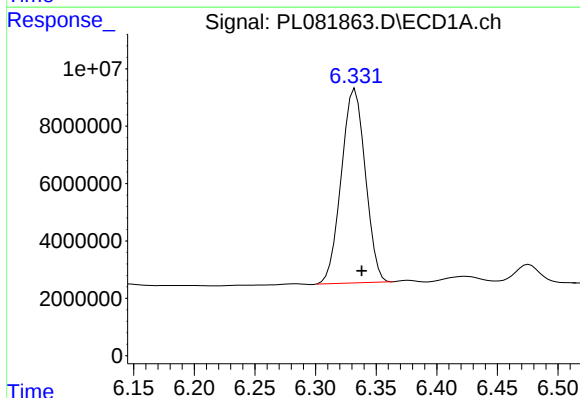
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/07/2023  
Supervised By :Ankita Jodhani 04/07/2023



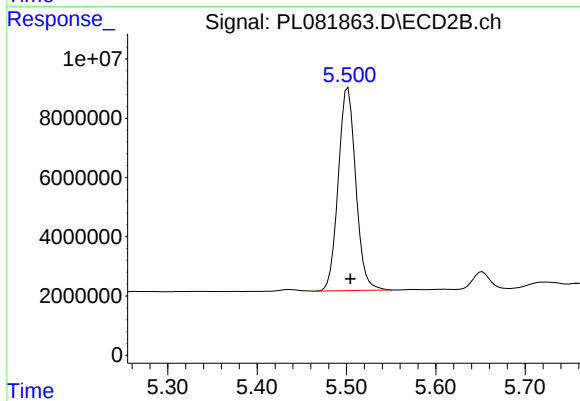
#12 4,4'-DDE

R.T.: 5.096 min  
Delta R.T.: -0.004 min  
Response: 362221  
Conc: 0.18 ng/ml m



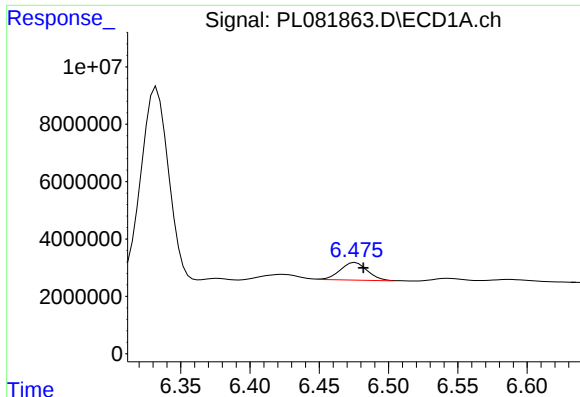
#14 Endrin

R.T.: 6.333 min  
Delta R.T.: -0.006 min  
Response: 93227067  
Conc: 44.07 ng/ml



#14 Endrin

R.T.: 5.502 min  
Delta R.T.: -0.003 min  
Response: 93218940  
Conc: 46.06 ng/ml



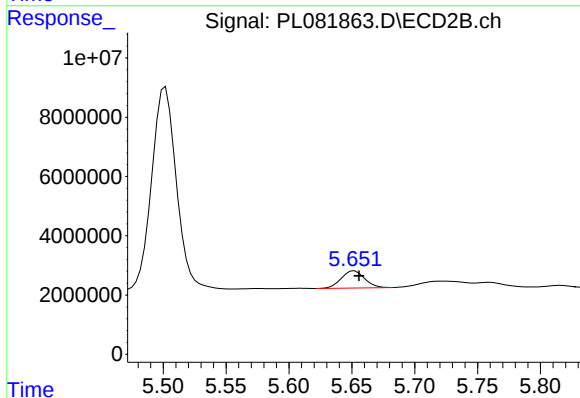
#16 4,4'-DDD

R.T.: 6.475 min  
Delta R.T.: -0.007 min  
Response: 8316771  
Conc: 4.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

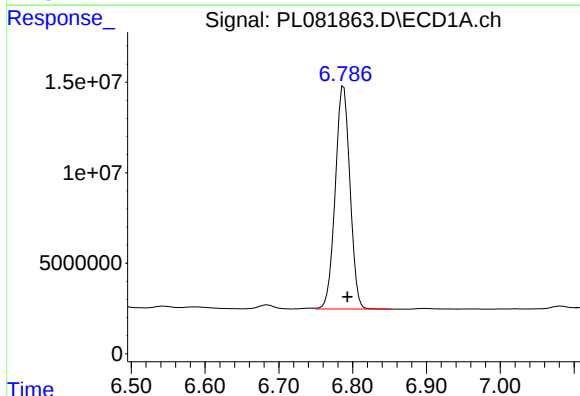
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/07/2023  
Supervised By :Ankita Jodhani 04/07/2023



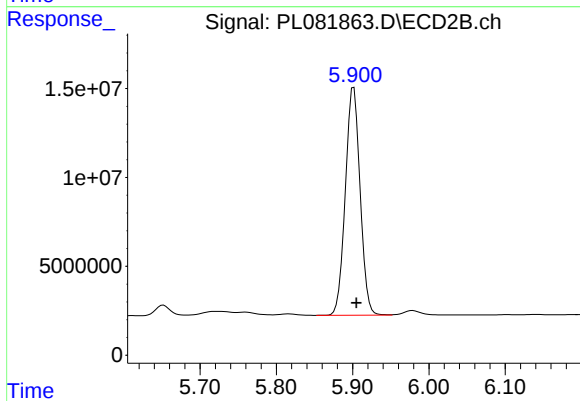
#16 4,4'-DDD

R.T.: 5.652 min  
Delta R.T.: -0.004 min  
Response: 7430351  
Conc: 4.90 ng/ml



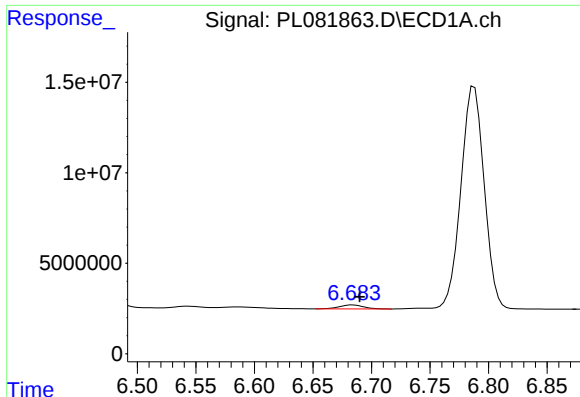
#17 4,4'-DDT

R.T.: 6.788 min  
Delta R.T.: -0.005 min  
Response: 170546602  
Conc: 84.03 ng/ml



#17 4,4'-DDT

R.T.: 5.901 min  
Delta R.T.: -0.004 min  
Response: 172762846  
Conc: 100.25 ng/ml



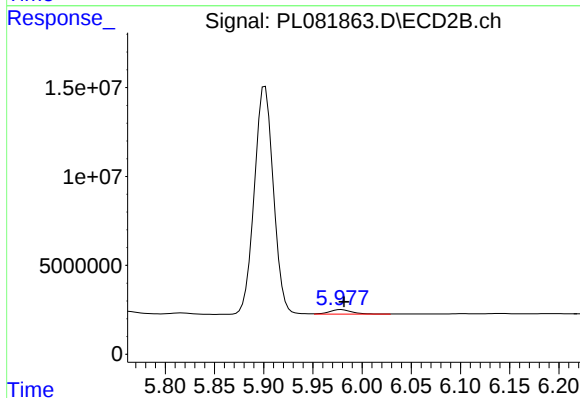
#18 Endrin aldehyde

R.T.: 6.684 min  
Delta R.T.: -0.006 min  
Response: 3014070  
Conc: 1.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

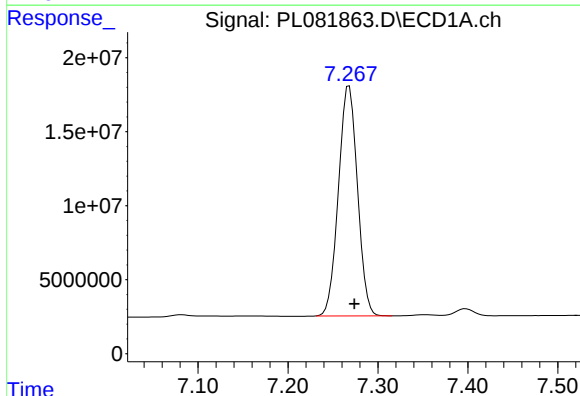
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/07/2023  
Supervised By :Ankita Jodhani 04/07/2023



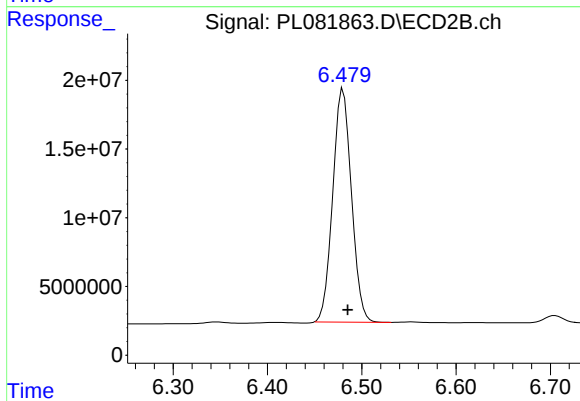
#18 Endrin aldehyde

R.T.: 5.979 min  
Delta R.T.: -0.003 min  
Response: 4044662  
Conc: 2.60 ng/ml



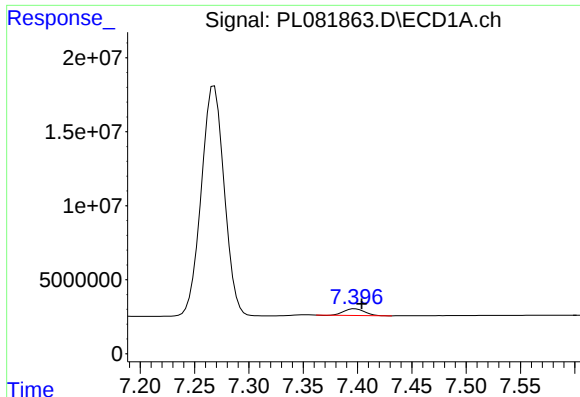
#20 Methoxychlor

R.T.: 7.268 min  
Delta R.T.: -0.006 min  
Response: 228493853  
Conc: 212.18 ng/ml



#20 Methoxychlor

R.T.: 6.480 min  
Delta R.T.: -0.005 min  
Response: 233941442  
Conc: 234.87 ng/ml



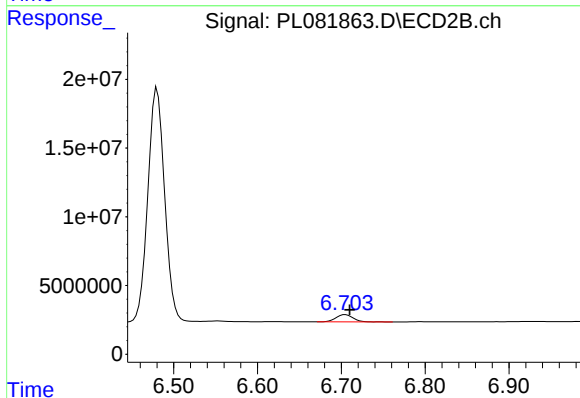
#21 Endrin ketone

R.T.: 7.398 min  
Delta R.T.: -0.006 min  
Response: 5871839  
Conc: 2.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

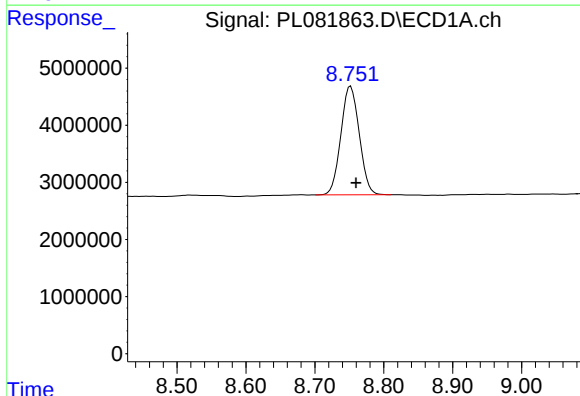
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 04/07/2023  
Supervised By :Ankita Jodhani 04/07/2023



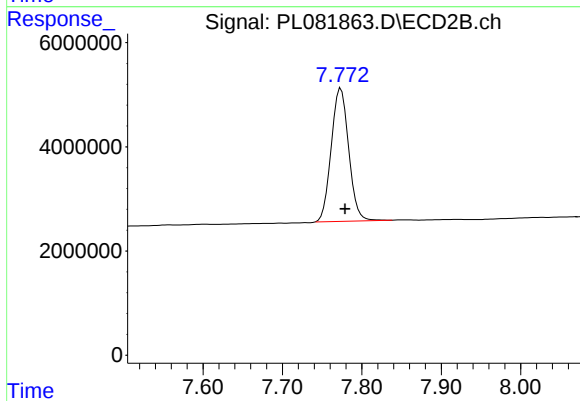
#21 Endrin ketone

R.T.: 6.705 min  
Delta R.T.: -0.005 min  
Response: 7414709  
Conc: 3.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.752 min  
Delta R.T.: -0.008 min  
Response: 35306312  
Conc: 19.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.774 min  
Delta R.T.: -0.005 min  
Response: 38997063  
Conc: 19.66 ng/ml