

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110422\  
 Data File : PL078809.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Nov 2022 09:43  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 11/07/2022  
 Supervised By : Ankita Jodhani 11/07/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 05 03:04:27 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102122.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 21 07:08:41 2022  
 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... | 3.324 | 2.571 | 37515972 | 52443914 | 19.673  | 20.541   |
| 28)                         | SA Decachlor... | 8.775 | 7.639 | 29425858 | 40575146 | 19.560  | 21.422   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.784 | 3.058 | 26262863 | 39346614 | 9.146   | 9.964    |
| 3)                          | MA gamma-BHC... | 4.117 | 3.379 | 25465151 | 35962140 | 9.531   | 10.006   |
| 6)                          | B beta-BHC      | 4.332 | 3.679 | 12236961 | 16561240 | 10.623  | 11.542   |
| 14)                         | MA Endrin       | 6.353 | 5.369 | 98112805 | 136.1E6  | 51.698  | 52.231   |
| 16)                         | A 4,4'-DDD      | 6.499 | 5.530 | 3717292  | 5948177  | 2.230   | 2.708    |
| 17)                         | MA 4,4'-DDT     | 6.810 | 5.774 | 170.9E6  | 231.4E6  | 95.365  | 106.656m |
| 18)                         | B Endrin al...  | 6.714 | 5.845 | 2355923  | 4039176  | 1.619   | 2.152 #  |
| 20)                         | A Methoxychlor  | 7.294 | 6.353 | 222.8E6  | 282.2E6  | 241.961 | 248.651  |
| 21)                         | B Endrin ke...  | 7.431 | 6.561 | 4886190  | 10083569 | 2.597m  | 3.901m#  |
| -----                       |                 |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL110422\  
Data File : PL078809.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 04 Nov 2022 09:43  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

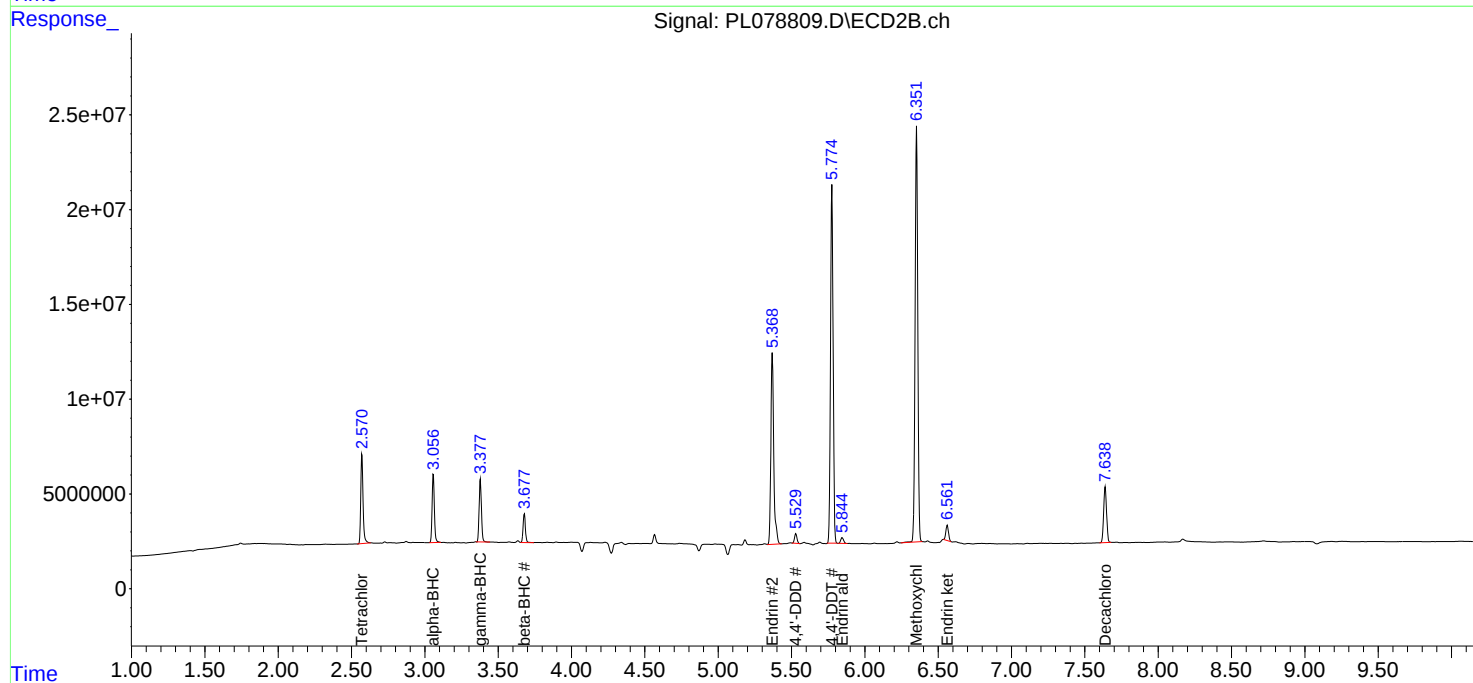
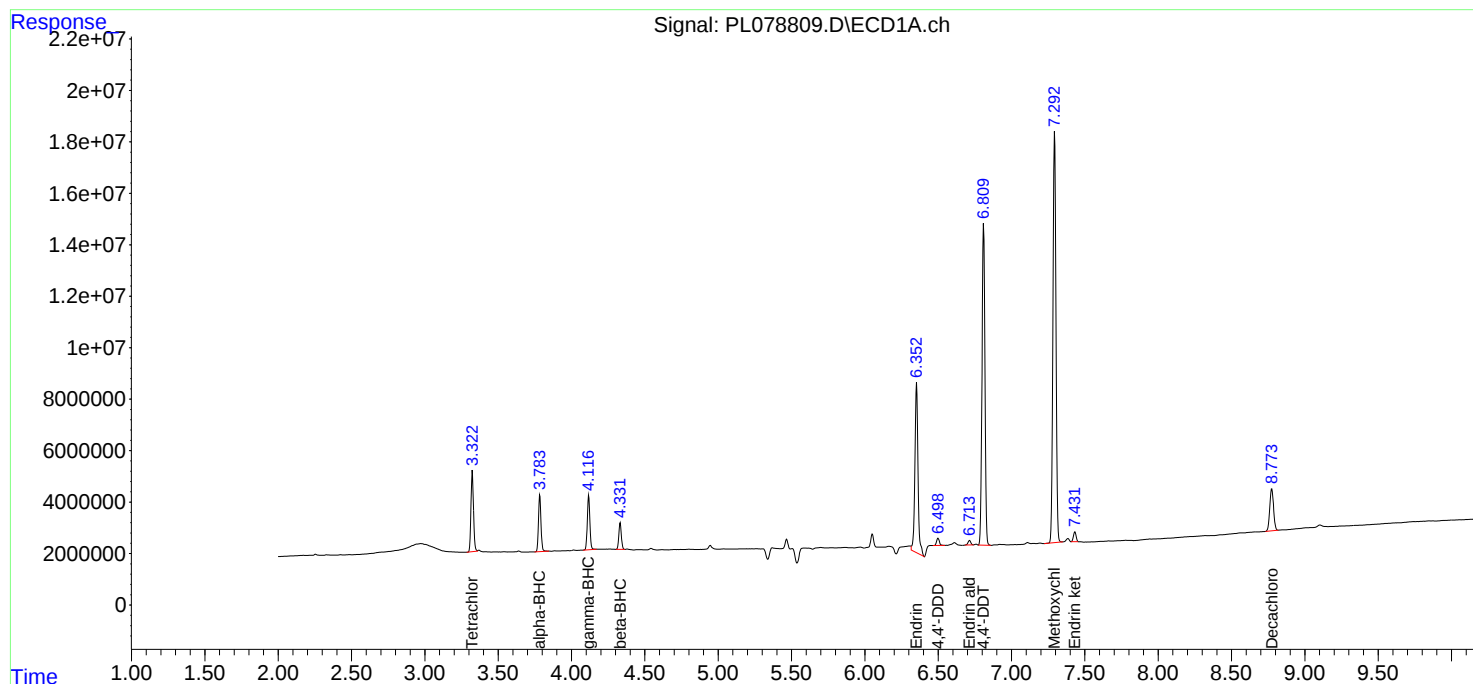
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

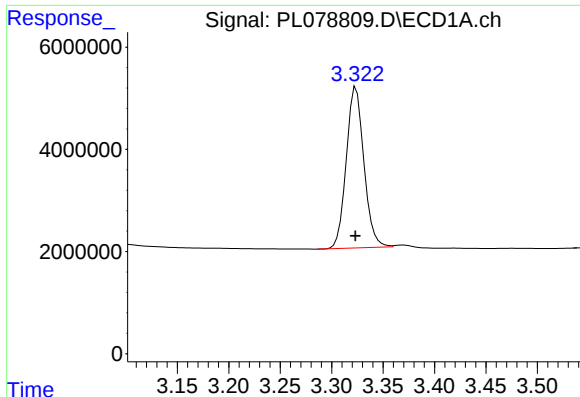
Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 11/07/2022  
Supervised By : Ankita Jodhani 11/07/2022

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 05 03:04:27 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102122.M  
Quant Title : GC Extractables  
QLast Update : Fri Oct 21 07:08:41 2022  
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





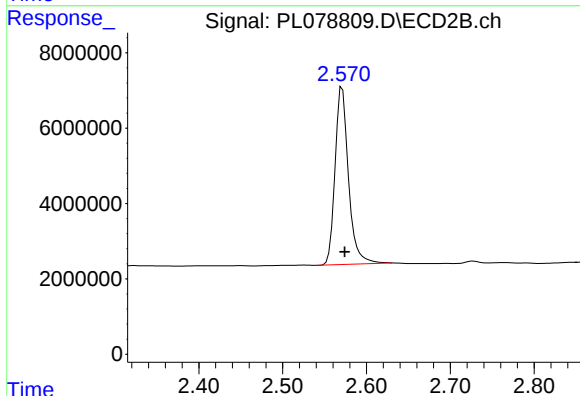
#1 Tetrachloro-m-xylene

R.T.: 3.324 min  
Delta R.T.: 0.000 min  
Response: 37515972  
Conc: 19.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

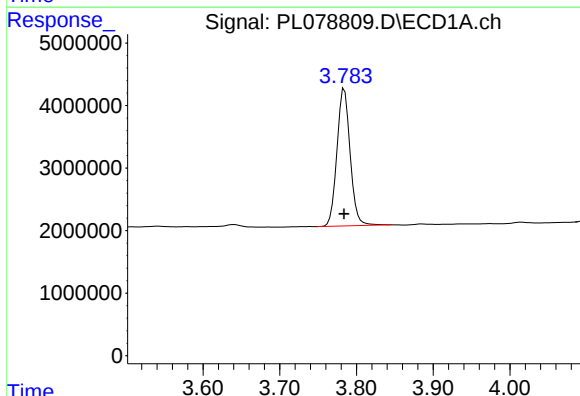
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/07/2022  
Supervised By :Ankita Jodhani 11/07/2022



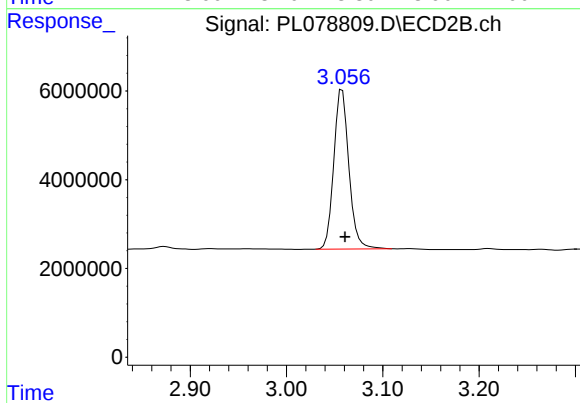
#1 Tetrachloro-m-xylene

R.T.: 2.571 min  
Delta R.T.: -0.003 min  
Response: 52443914  
Conc: 20.54 ng/ml



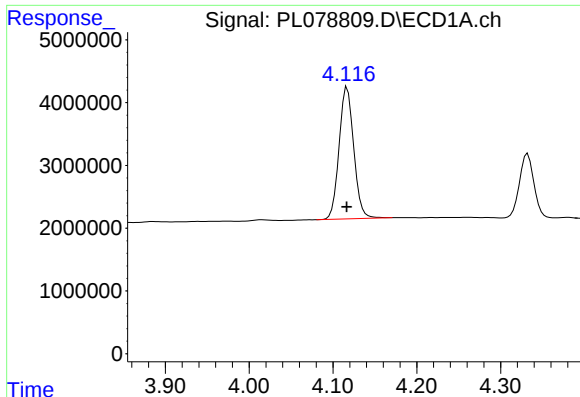
#2 alpha-BHC

R.T.: 3.784 min  
Delta R.T.: 0.000 min  
Response: 26262863  
Conc: 9.15 ng/ml



#2 alpha-BHC

R.T.: 3.058 min  
Delta R.T.: -0.003 min  
Response: 39346614  
Conc: 9.96 ng/ml



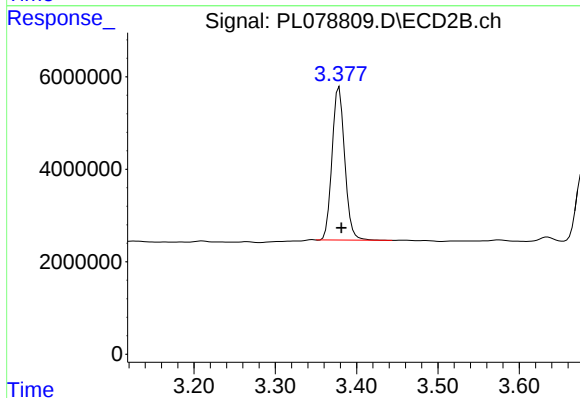
#3 gamma-BHC (Lindane)

R.T.: 4.117 min  
Delta R.T.: 0.000 min  
Response: 25465151  
Conc: 9.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

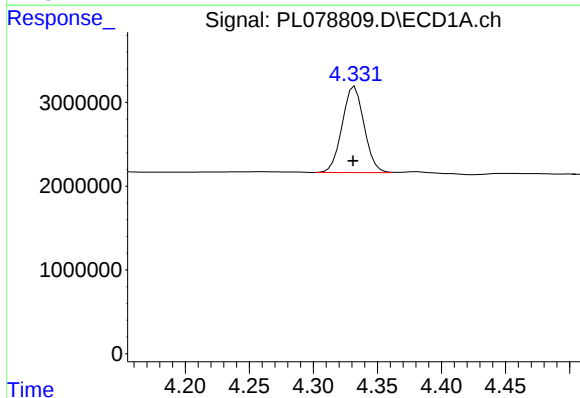
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/07/2022  
Supervised By :Ankita Jodhani 11/07/2022



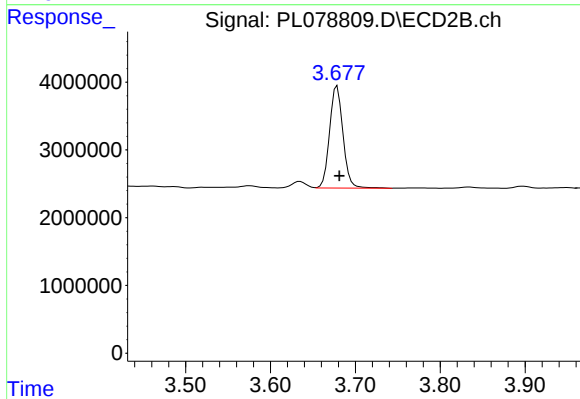
#3 gamma-BHC (Lindane)

R.T.: 3.379 min  
Delta R.T.: -0.003 min  
Response: 35962140  
Conc: 10.01 ng/ml



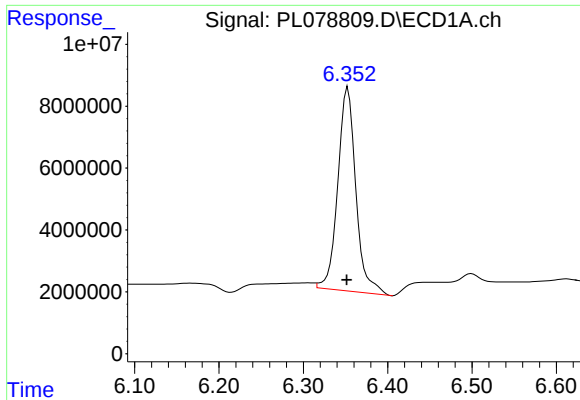
#6 beta-BHC

R.T.: 4.332 min  
Delta R.T.: 0.001 min  
Response: 12236961  
Conc: 10.62 ng/ml



#6 beta-BHC

R.T.: 3.679 min  
Delta R.T.: -0.003 min  
Response: 16561240  
Conc: 11.54 ng/ml



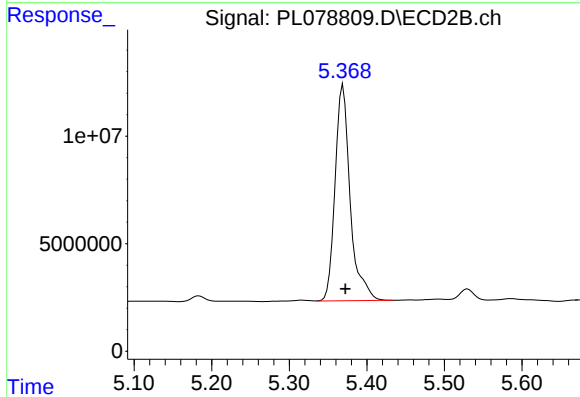
#14 Endrin

R.T.: 6.353 min  
Delta R.T.: 0.001 min  
Response: 98112805  
Conc: 51.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

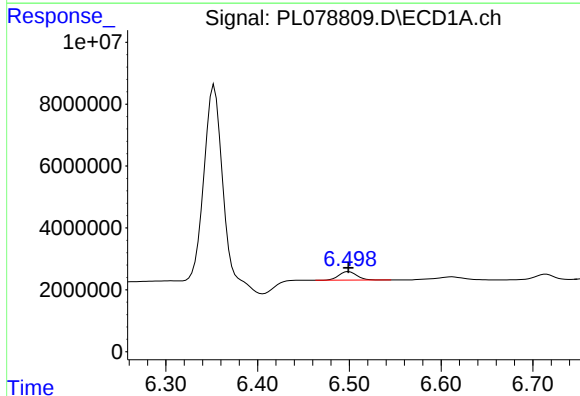
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/07/2022  
Supervised By :Ankita Jodhani 11/07/2022



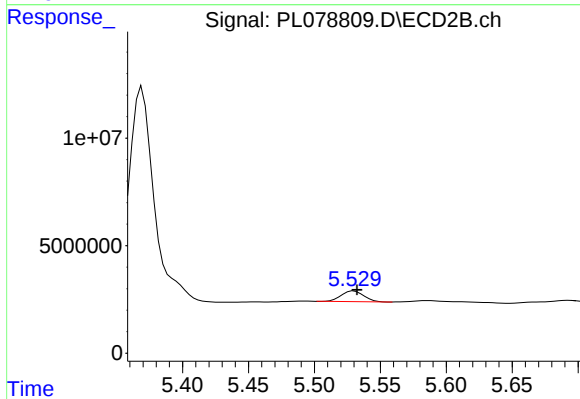
#14 Endrin

R.T.: 5.369 min  
Delta R.T.: -0.003 min  
Response: 136074100  
Conc: 52.23 ng/ml



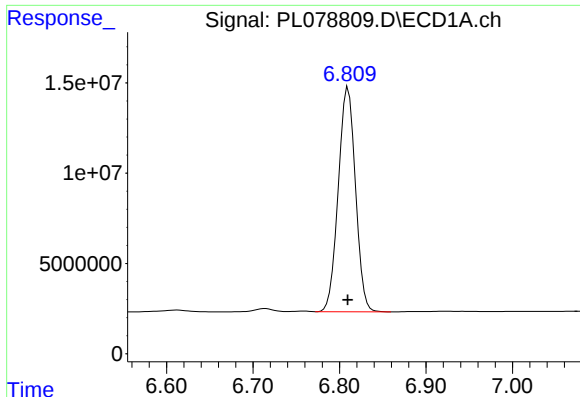
#16 4,4'-DDD

R.T.: 6.499 min  
Delta R.T.: 0.000 min  
Response: 3717292  
Conc: 2.23 ng/ml



#16 4,4'-DDD

R.T.: 5.530 min  
Delta R.T.: -0.002 min  
Response: 5948177  
Conc: 2.71 ng/ml



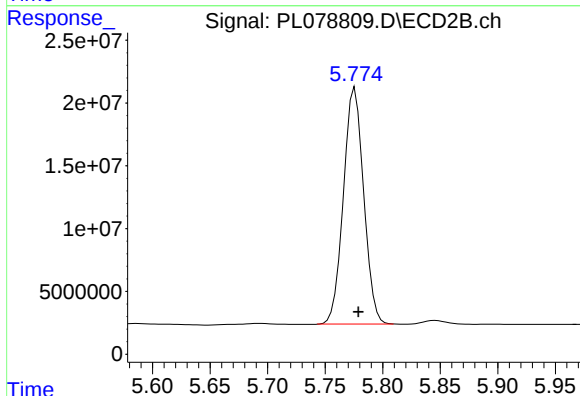
#17 4,4'-DDT

R.T.: 6.810 min  
Delta R.T.: 0.000 min  
Response: 170925925  
Conc: 95.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

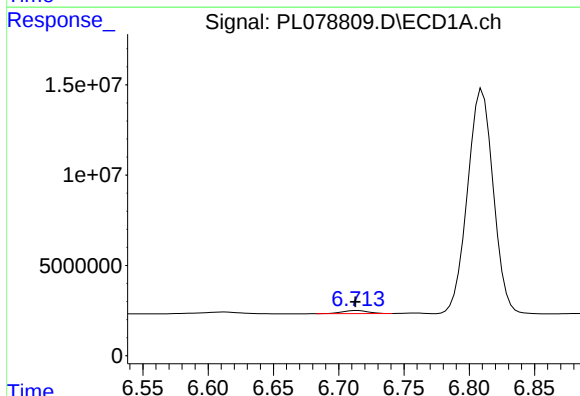
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/07/2022  
Supervised By :Ankita Jodhani 11/07/2022



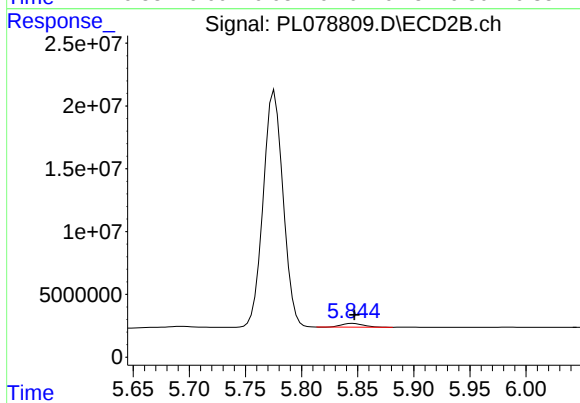
#17 4,4'-DDT

R.T.: 5.774 min  
Delta R.T.: -0.005 min  
Response: 231351335  
Conc: 106.66 ng/ml m



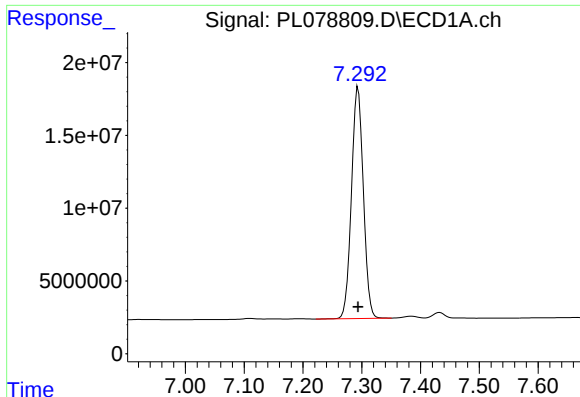
#18 Endrin aldehyde

R.T.: 6.714 min  
Delta R.T.: 0.001 min  
Response: 2355923  
Conc: 1.62 ng/ml



#18 Endrin aldehyde

R.T.: 5.845 min  
Delta R.T.: -0.002 min  
Response: 4039176  
Conc: 2.15 ng/ml



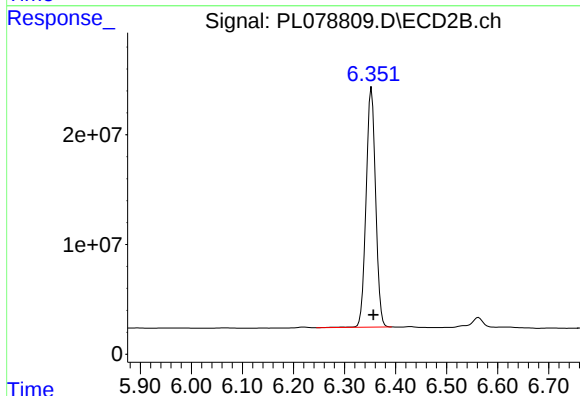
#20 Methoxychlor

R.T.: 7.294 min  
Delta R.T.: 0.000 min  
Response: 222818654  
Conc: 241.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

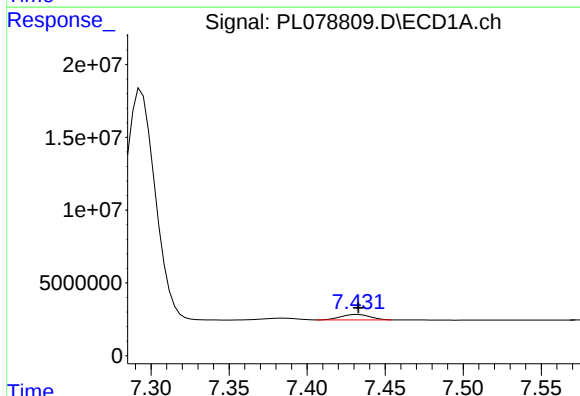
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/07/2022  
Supervised By :Ankita Jodhani 11/07/2022



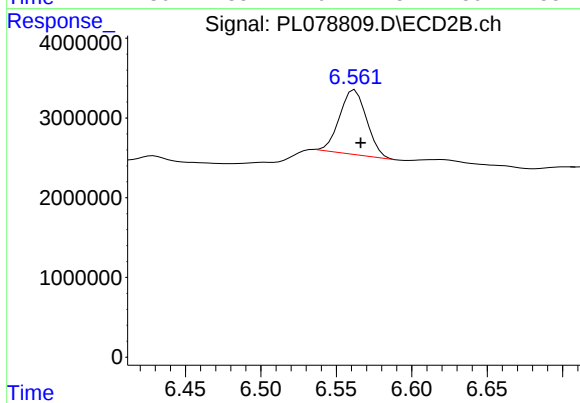
#20 Methoxychlor

R.T.: 6.353 min  
Delta R.T.: -0.004 min  
Response: 282168527  
Conc: 248.65 ng/ml



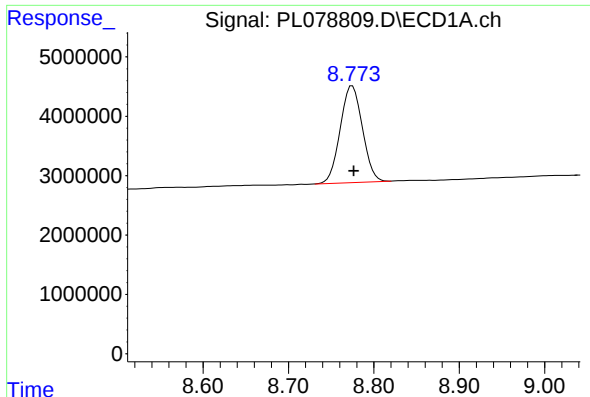
#21 Endrin ketone

R.T.: 7.431 min  
Delta R.T.: -0.002 min  
Response: 4886190  
Conc: 2.60 ng/ml m



#21 Endrin ketone

R.T.: 6.561 min  
Delta R.T.: -0.005 min  
Response: 10083569  
Conc: 3.90 ng/ml m



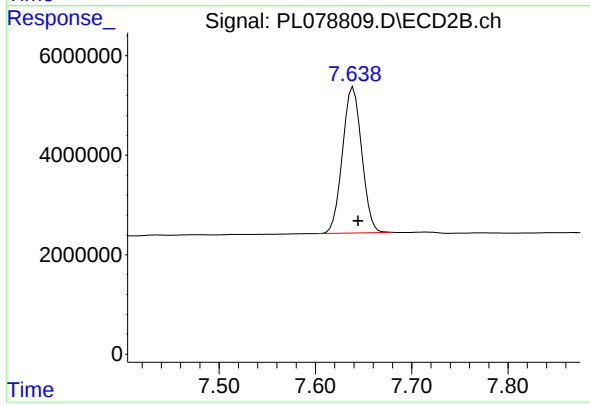
#28 Decachlorobiphenyl

R.T.: 8.775 min  
Delta R.T.: -0.002 min  
Response: 29425858  
Conc: 19.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/07/2022  
Supervised By :Ankita Jodhani 11/07/2022



#28 Decachlorobiphenyl

R.T.: 7.639 min  
Delta R.T.: -0.005 min  
Response: 40575146  
Conc: 21.42 ng/ml