

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012522\  
 Data File : PL072249.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Jan 2022 19:53  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 01/26/2022  
 Supervised By : Ankita Jodhani 01/26/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 26 00:41:49 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011722.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 18 10:53:59 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... | 4.555  | 5.492  | 12189133 | 37183703 | 21.955  | 22.895  |
| 28)                         | SA Decachlor... | 10.318 | 11.385 | 21275531 | 37402036 | 23.947  | 23.181  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 5.261  | 6.073  | 7551561  | 24601965 | 9.766   | 10.196  |
| 3)                          | MA gamma-BHC... | 5.685  | 6.468  | 7703018  | 23503215 | 10.216  | 10.444m |
| 6)                          | B beta-BHC      | 6.069  | 6.729  | 4868035  | 11908589 | 14.727  | 12.027  |
| 12)                         | B 4,4'-DDE      | 7.552  | 8.495  | 131861   | 408102   | 0.183m  | 0.216   |
| 14)                         | MA Endrin       | 7.973  | 8.886  | 39264076 | 89435483 | 56.038  | 53.941  |
| 16)                         | A 4,4'-DDD      | 8.141  | 9.033  | 610376   | 1370195  | 1.041   | 0.958m  |
| 17)                         | MA 4,4'-DDT     | 8.401  | 9.351  | 79437829 | 173.5E6  | 119.623 | 109.779 |
| 18)                         | B Endrin al...  | 8.477  | 9.258  | 241247   | 255805   | 0.423m  | 0.206m# |
| 20)                         | A Methoxychlor  | 8.998  | 9.838  | 109.5E6  | 220.5E6  | 259.496 | 266.155 |
| 21)                         | B Endrin ke...  | 9.222  | 9.991  | 982294   | 1299695  | 1.180   | 0.785m# |
| -----                       |                 |        |        |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012522\  
Data File : PL072249.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Jan 2022 19:53  
Operator : AR\AJ  
Sample : PEM  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

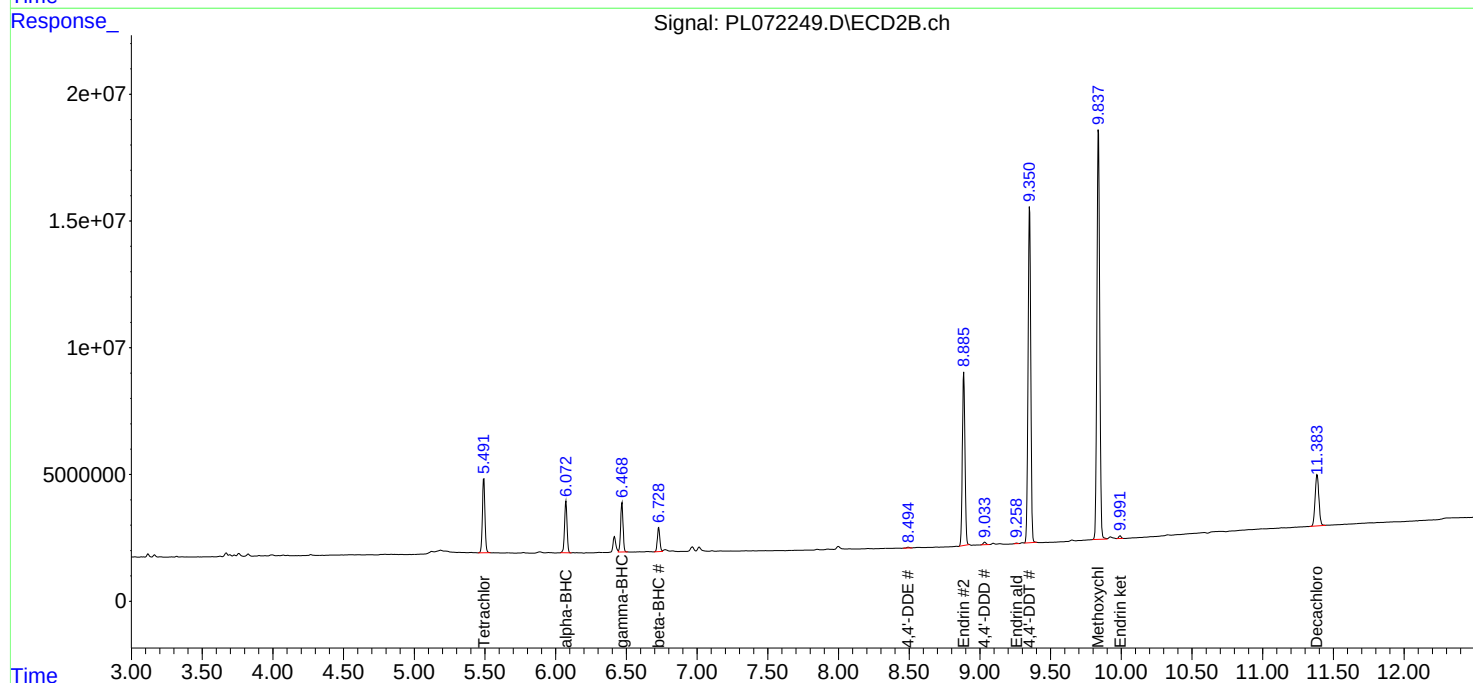
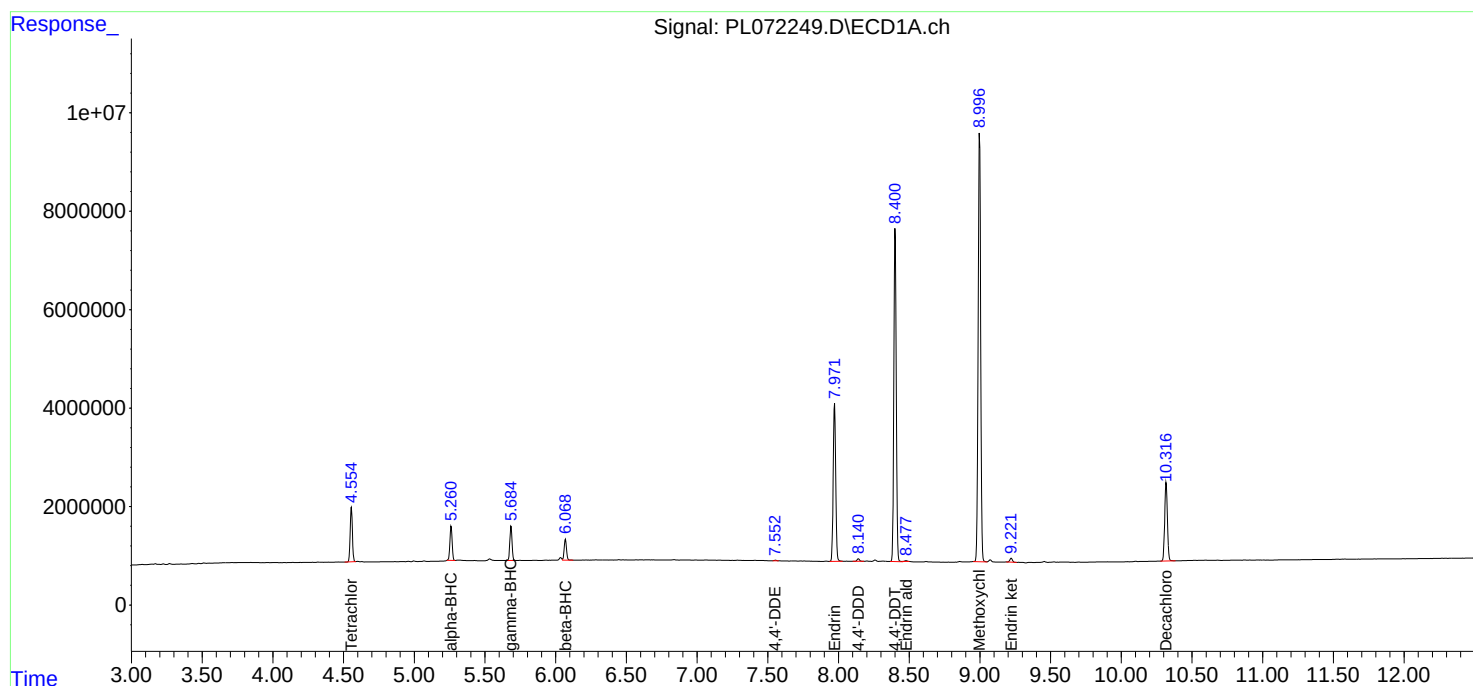
Instrument :  
ECD\_L  
ClientSampleId :  
PEM

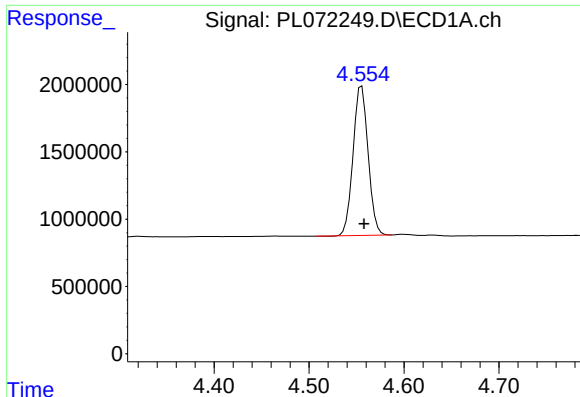
Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 01/26/2022  
Supervised By : Ankita Jodhani 01/26/2022

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 26 00:41:49 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011722.M  
Quant Title : GC Extractables  
QLast Update : Tue Jan 18 10:53:59 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





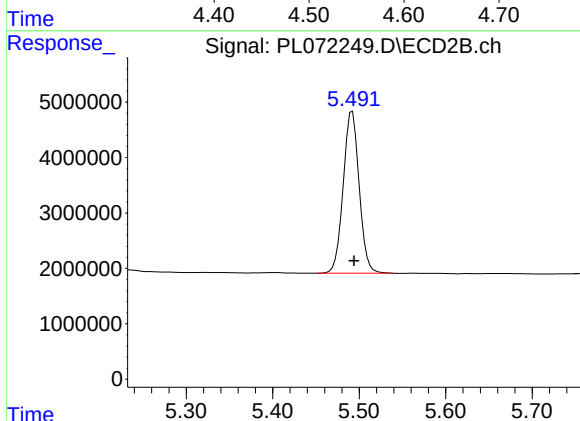
#1 Tetrachloro-m-xylene

R.T.: 4.555 min  
Delta R.T.: -0.003 min  
Response: 12189133  
Conc: 21.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

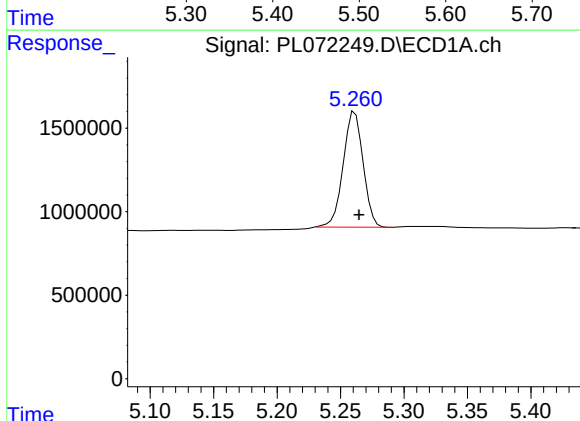
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/26/2022  
Supervised By :Ankita Jodhani 01/26/2022



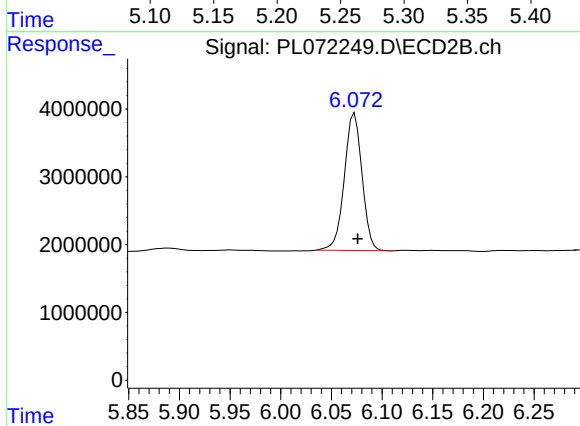
#1 Tetrachloro-m-xylene

R.T.: 5.492 min  
Delta R.T.: -0.002 min  
Response: 37183703  
Conc: 22.89 ng/ml



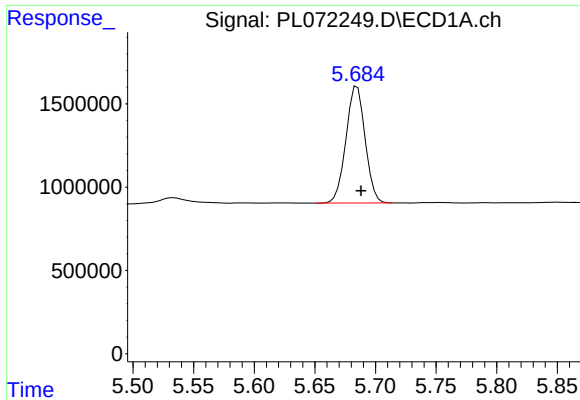
#2 alpha-BHC

R.T.: 5.261 min  
Delta R.T.: -0.003 min  
Response: 7551561  
Conc: 9.77 ng/ml



#2 alpha-BHC

R.T.: 6.073 min  
Delta R.T.: -0.003 min  
Response: 24601965  
Conc: 10.20 ng/ml



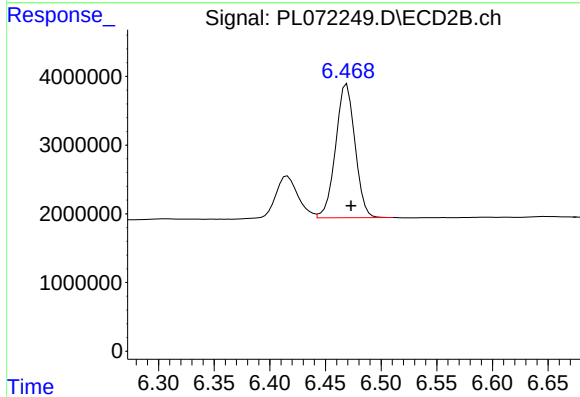
#3 gamma-BHC (Lindane)

R.T.: 5.685 min  
Delta R.T.: -0.003 min  
Response: 7703018  
Conc: 10.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

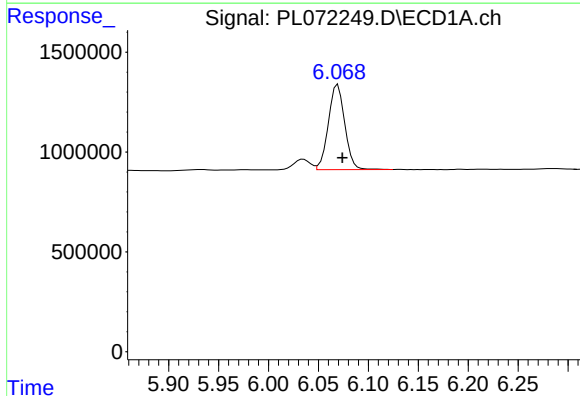
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/26/2022  
Supervised By :Ankita Jodhani 01/26/2022



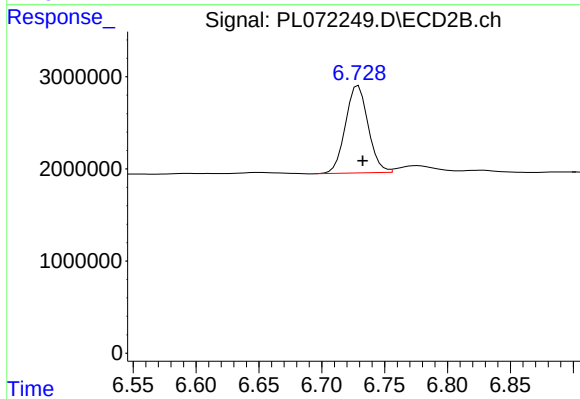
#3 gamma-BHC (Lindane)

R.T.: 6.468 min  
Delta R.T.: -0.005 min  
Response: 23503215  
Conc: 10.44 ng/ml m



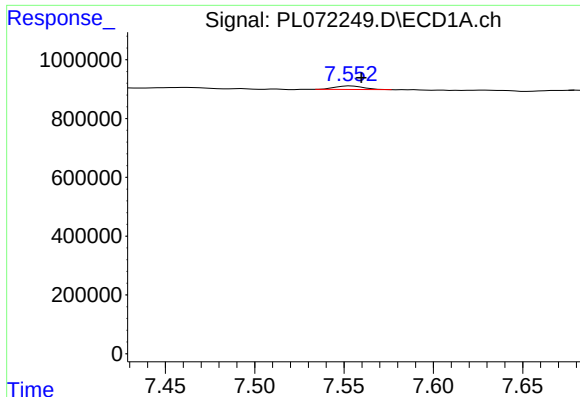
#6 beta-BHC

R.T.: 6.069 min  
Delta R.T.: -0.005 min  
Response: 4868035  
Conc: 14.73 ng/ml



#6 beta-BHC

R.T.: 6.729 min  
Delta R.T.: -0.003 min  
Response: 11908589  
Conc: 12.03 ng/ml



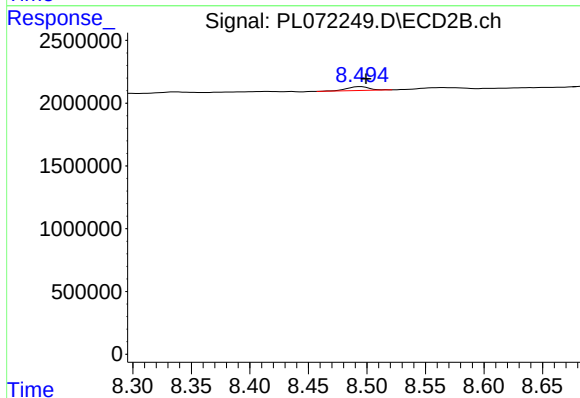
#12 4,4'-DDE

R.T.: 7.552 min  
Delta R.T.: -0.007 min  
Response: 131861  
Conc: 0.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

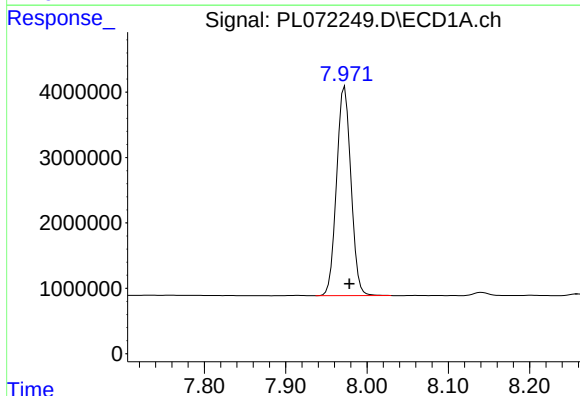
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/26/2022  
Supervised By :Ankita Jodhani 01/26/2022



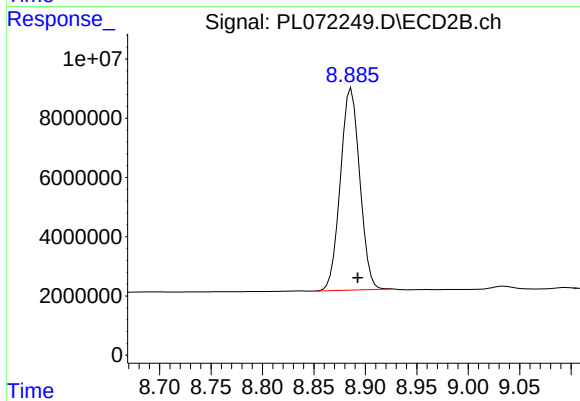
#12 4,4'-DDE

R.T.: 8.495 min  
Delta R.T.: -0.005 min  
Response: 408102  
Conc: 0.22 ng/ml



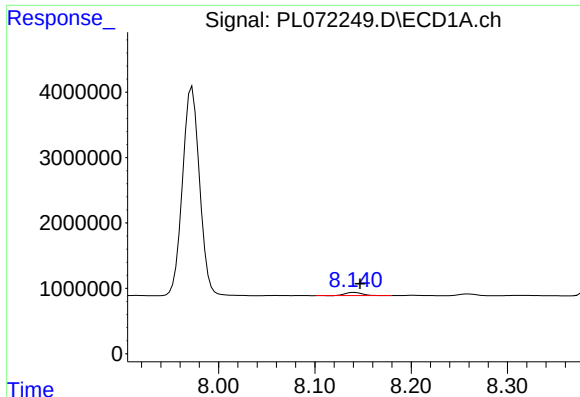
#14 Endrin

R.T.: 7.973 min  
Delta R.T.: -0.006 min  
Response: 39264076  
Conc: 56.04 ng/ml



#14 Endrin

R.T.: 8.886 min  
Delta R.T.: -0.006 min  
Response: 89435483  
Conc: 53.94 ng/ml



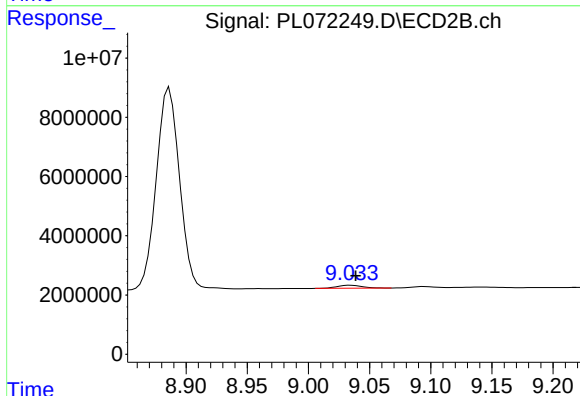
#16 4,4'-DDD

R.T.: 8.141 min  
Delta R.T.: -0.006 min  
Response: 610376  
Conc: 1.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

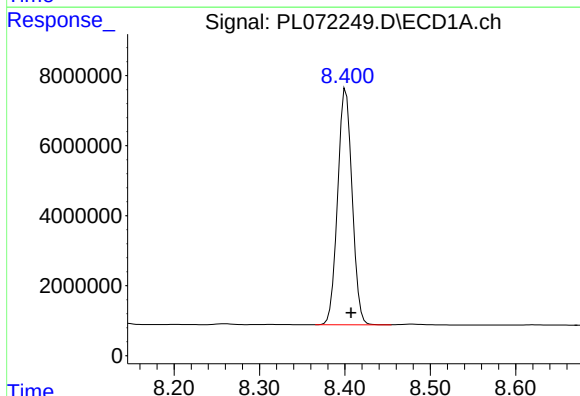
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/26/2022  
Supervised By :Ankita Jodhani 01/26/2022



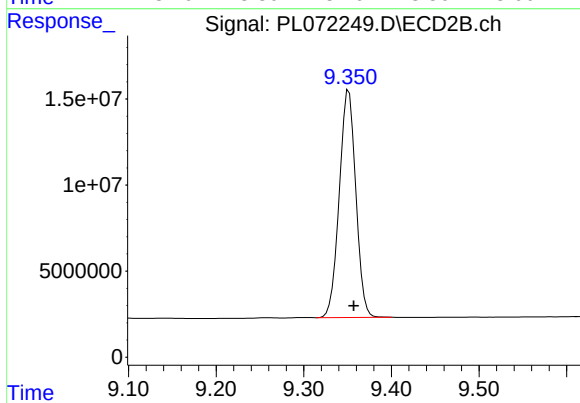
#16 4,4'-DDD

R.T.: 9.033 min  
Delta R.T.: -0.005 min  
Response: 1370195  
Conc: 0.96 ng/ml m



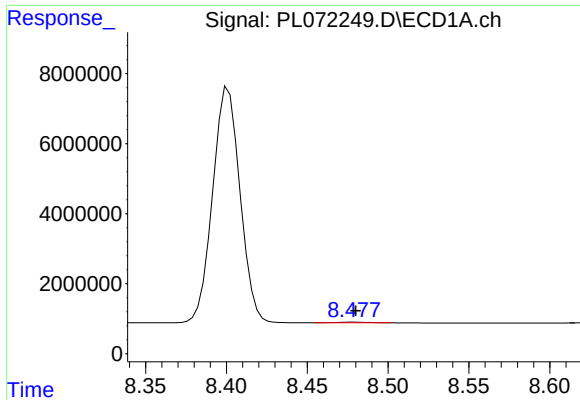
#17 4,4'-DDT

R.T.: 8.401 min  
Delta R.T.: -0.006 min  
Response: 79437829  
Conc: 119.62 ng/ml



#17 4,4'-DDT

R.T.: 9.351 min  
Delta R.T.: -0.005 min  
Response: 173509916  
Conc: 109.78 ng/ml



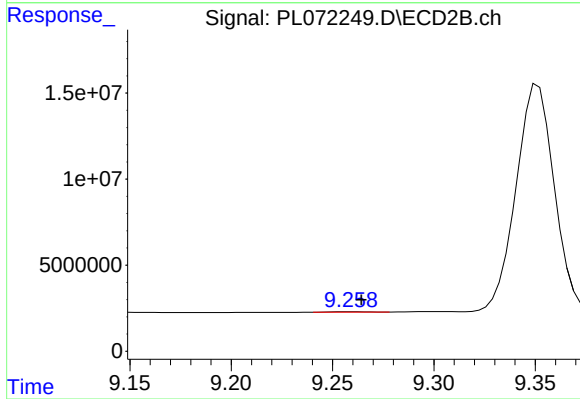
#18 Endrin aldehyde

R.T.: 8.477 min  
Delta R.T.: -0.003 min  
Response: 241247  
Conc: 0.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

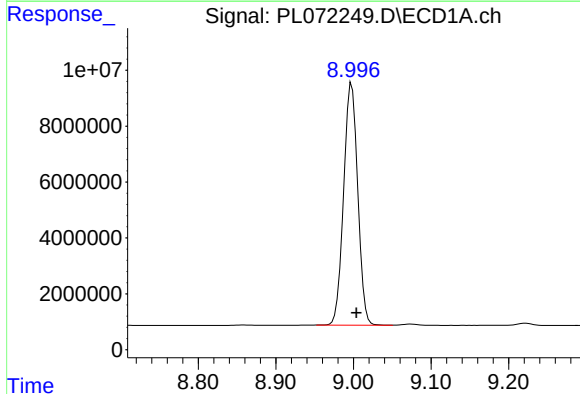
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/26/2022  
Supervised By :Ankita Jodhani 01/26/2022



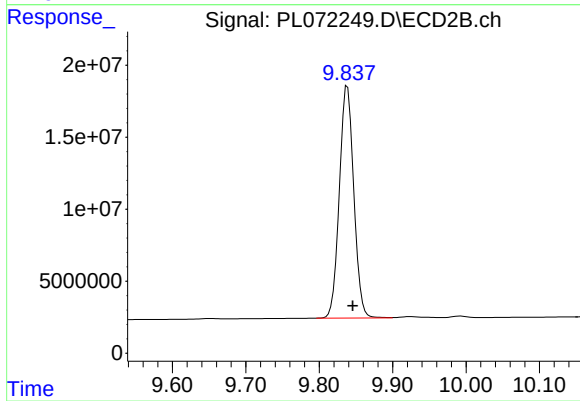
#18 Endrin aldehyde

R.T.: 9.258 min  
Delta R.T.: -0.006 min  
Response: 255805  
Conc: 0.21 ng/ml m



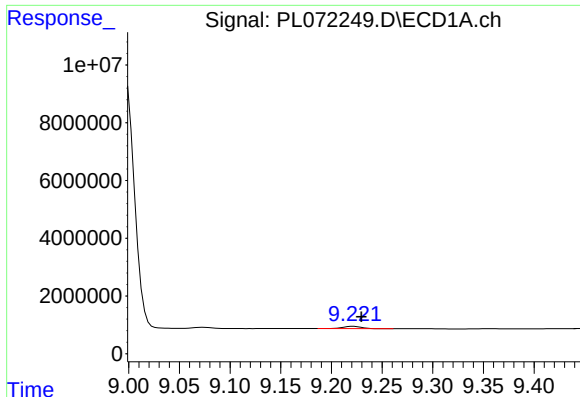
#20 Methoxychlor

R.T.: 8.998 min  
Delta R.T.: -0.006 min  
Response: 109480409  
Conc: 259.50 ng/ml



#20 Methoxychlor

R.T.: 9.838 min  
Delta R.T.: -0.007 min  
Response: 220468809  
Conc: 266.15 ng/ml



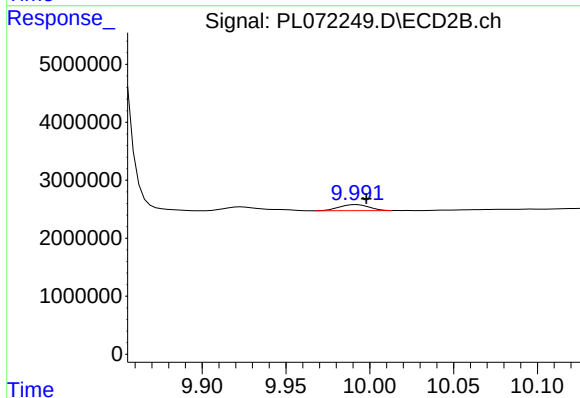
#21 Endrin ketone

R.T.: 9.222 min  
Delta R.T.: -0.008 min  
Response: 982294  
Conc: 1.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PEM

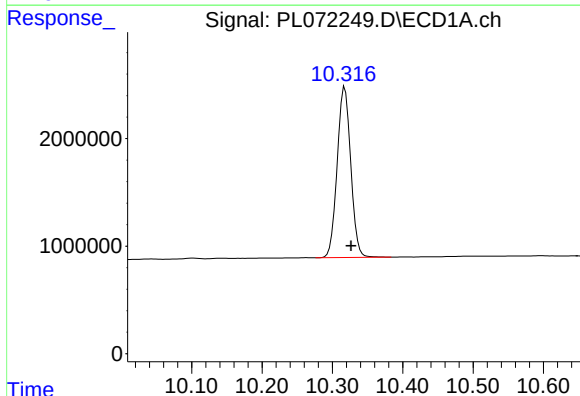
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/26/2022  
Supervised By :Ankita Jodhani 01/26/2022



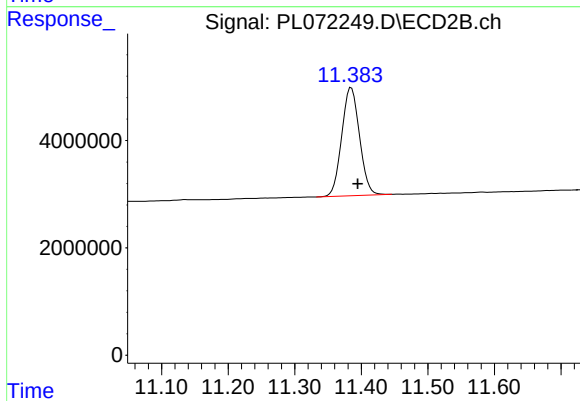
#21 Endrin ketone

R.T.: 9.991 min  
Delta R.T.: -0.007 min  
Response: 1299695  
Conc: 0.79 ng/ml m



#28 Decachlorobiphenyl

R.T.: 10.318 min  
Delta R.T.: -0.009 min  
Response: 21275531  
Conc: 23.95 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.385 min  
Delta R.T.: -0.010 min  
Response: 37402036  
Conc: 23.18 ng/ml