

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\pl032423\  
 Data File : PL081720.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Mar 2023 17:48  
 Operator : AR\AJ  
 Sample : PB151671BS  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB151671BS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 03/27/2023  
 Supervised By :Ankita Jodhani 03/27/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 26 21:29:13 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... | 3.329 | 2.658 | 44403228 | 38321307 | 19.091 | 19.198  |
| 28)                         | SA Decachlor... | 8.751 | 7.775 | 36465698 | 42529994 | 20.376 | 21.445  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.778 | 3.157 | 162.0E6  | 132.5E6  | 47.239 | 45.456  |
| 3)                          | MA gamma-BHC... | 4.106 | 3.485 | 148.5E6  | 126.5E6  | 46.752 | 45.421  |
| 4)                          | MA Heptachlor   | 4.686 | 3.818 | 142.2E6  | 128.3E6  | 45.105 | 44.757  |
| 5)                          | MB Aldrin       | 5.023 | 4.095 | 136.7E6  | 121.5E6  | 47.786 | 45.594  |
| 6)                          | B beta-BHC      | 4.309 | 3.784 | 66138856 | 52694931 | 43.944 | 44.245  |
| 7)                          | B delta-BHC     | 4.550 | 4.011 | 143.2E6  | 117.7E6  | 47.110 | 45.530  |
| 8)                          | B Heptachlo...  | 5.448 | 4.596 | 129.2E6  | 112.4E6  | 47.504 | 46.262m |
| 9)                          | A Endosulfan I  | 5.829 | 4.965 | 112.1E6  | 97243387 | 45.380 | 44.047  |
| 10)                         | B gamma-Chl...  | 5.703 | 4.846 | 125.4E6  | 113.6E6  | 47.751 | 46.725  |
| 11)                         | B alpha-Chl...  | 5.781 | 4.909 | 121.4E6  | 112.5E6  | 46.898 | 46.320  |
| 12)                         | B 4,4'-DDE      | 5.959 | 5.099 | 107.4E6  | 95360456 | 47.662 | 48.411m |
| 13)                         | MA Dieldrin     | 6.103 | 5.229 | 115.2E6  | 107.2E6  | 47.567 | 47.643  |
| 14)                         | MA Endrin       | 6.331 | 5.504 | 96149907 | 102.1E6  | 45.456 | 50.448  |
| 15)                         | B Endosulfa...  | 6.553 | 5.800 | 94930650 | 89207184 | 44.734 | 49.176  |
| 16)                         | A 4,4'-DDD      | 6.475 | 5.655 | 92058495 | 80308611 | 51.045 | 52.920  |
| 17)                         | MA 4,4'-DDT     | 6.786 | 5.903 | 90741020 | 78473015 | 44.708 | 45.537  |
| 18)                         | B Endrin al...  | 6.682 | 5.980 | 77486585 | 72632714 | 47.360 | 46.770  |
| 19)                         | B Endosulfa...  | 6.917 | 6.203 | 98500463 | 93649408 | 47.264 | 48.132  |
| 20)                         | A Methoxychlor  | 7.266 | 6.483 | 43774578 | 44618390 | 40.649 | 44.796  |
| 21)                         | B Endrin ke...  | 7.396 | 6.709 | 101.1E6  | 109.5E6  | 48.253 | 51.248  |
| 22)                         | Mirex           | 7.861 | 6.880 | 79800433 | 88920413 | 46.578 | 46.319  |
| -----                       |                 |       |       |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\pl032423\  
Data File : PL081720.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Mar 2023 17:48  
Operator : AR\AJ  
Sample : PB151671BS  
Misc :  
ALS Vial : 26 Sample Multiplier: 1

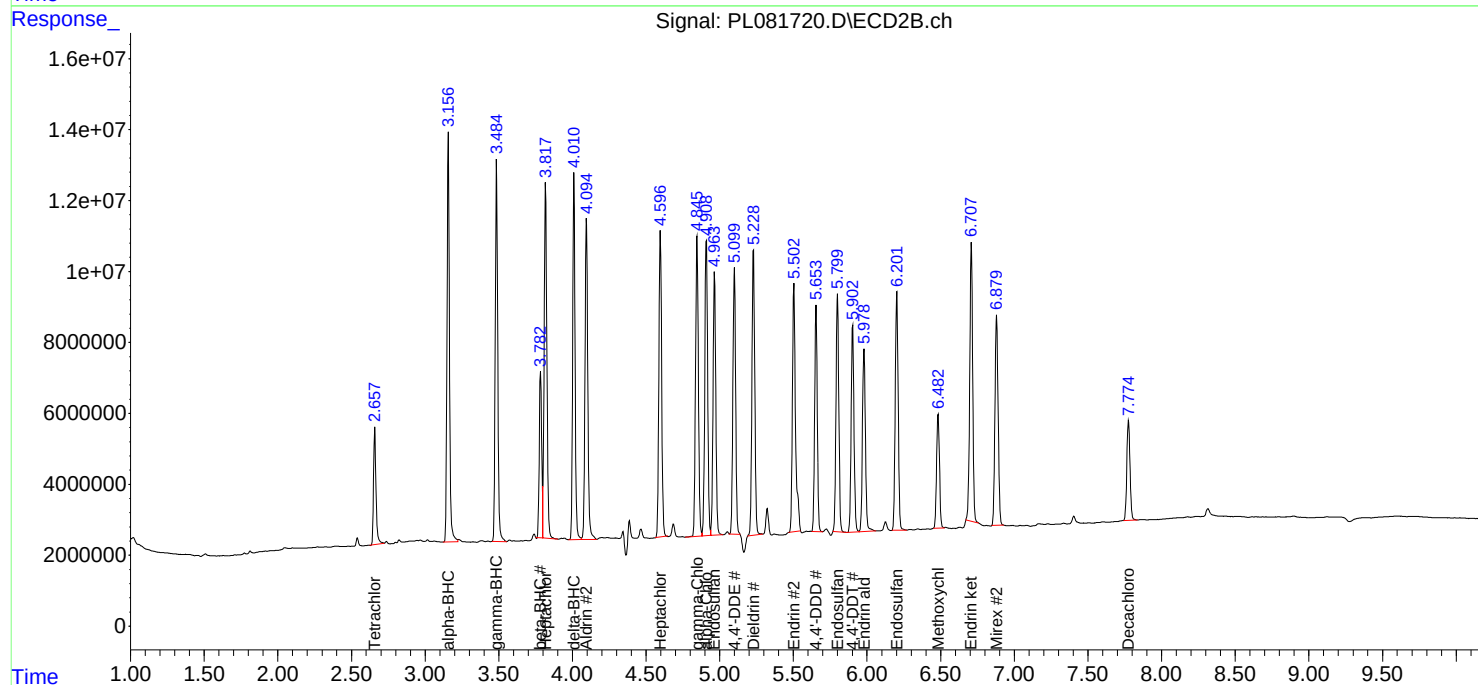
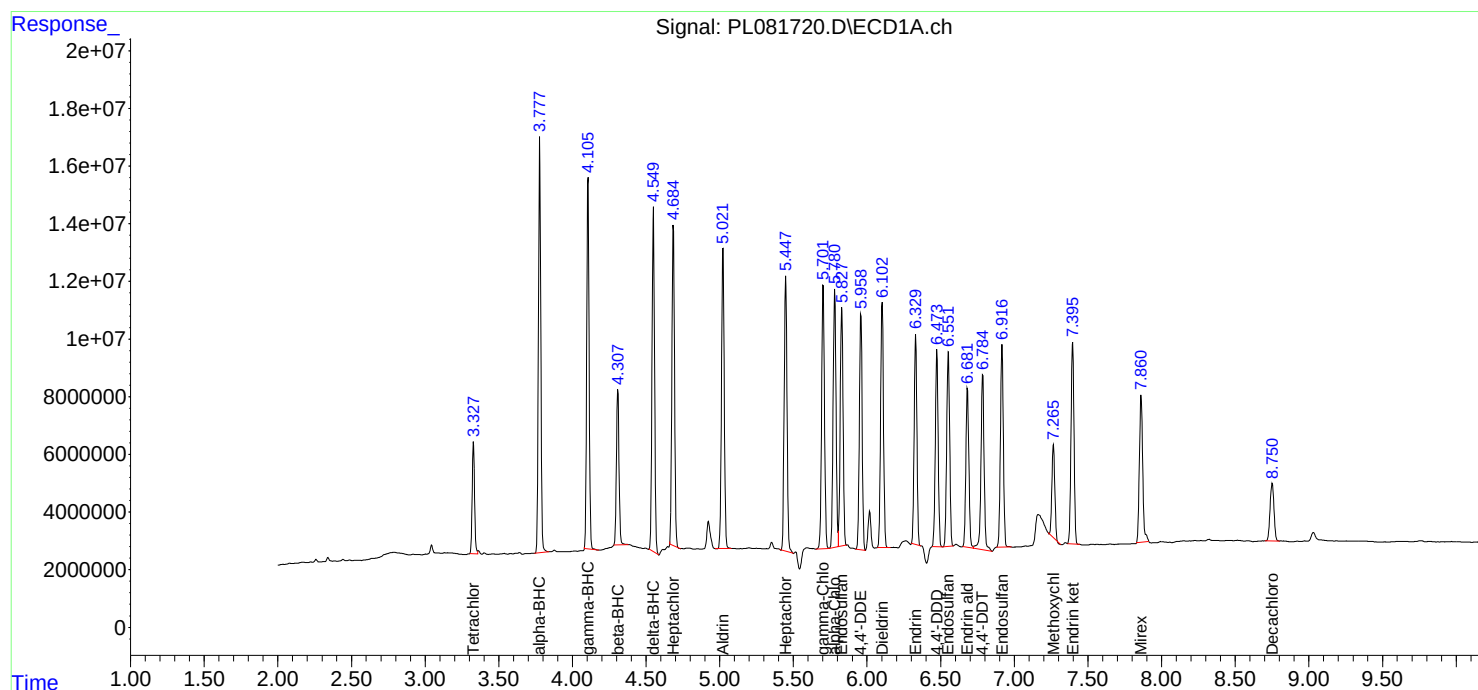
Instrument :  
ECD\_L  
ClientSampleId :  
PB151671BS

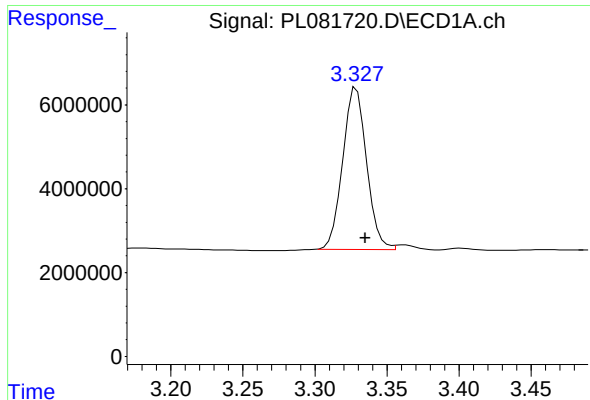
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/27/2023  
Supervised By :Ankita Jodhani 03/27/2023

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 26 21:29:13 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





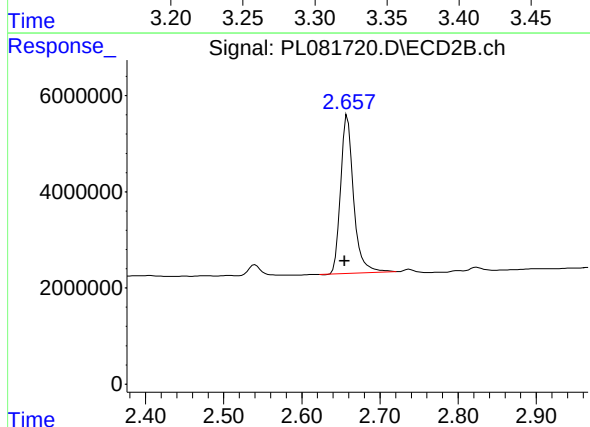
#1 Tetrachloro-m-xylene

R.T.: 3.329 min  
Delta R.T.: -0.006 min  
Response: 44403228  
Conc: 19.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB151671BS

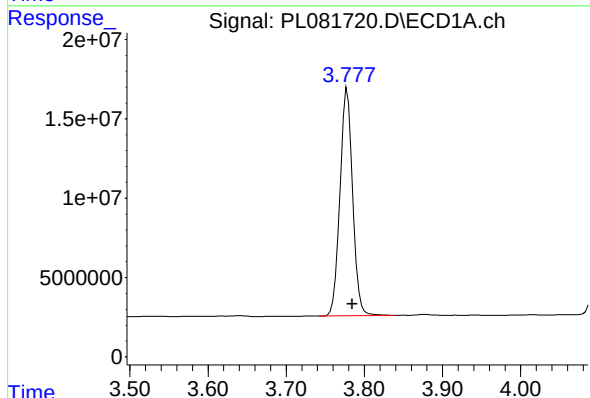
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/27/2023  
Supervised By :Ankita Jodhani 03/27/2023



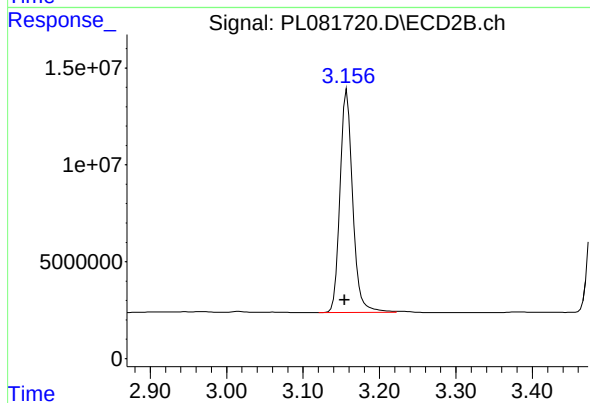
#1 Tetrachloro-m-xylene

R.T.: 2.658 min  
Delta R.T.: 0.004 min  
Response: 38321307  
Conc: 19.20 ng/ml



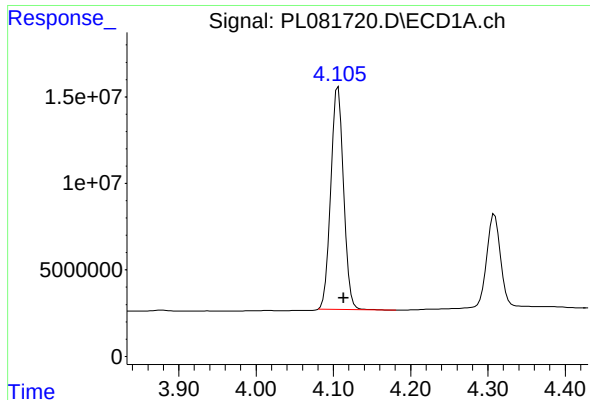
#2 alpha-BHC

R.T.: 3.778 min  
Delta R.T.: -0.007 min  
Response: 161954265  
Conc: 47.24 ng/ml



#2 alpha-BHC

R.T.: 3.157 min  
Delta R.T.: 0.003 min  
Response: 132504237  
Conc: 45.46 ng/ml



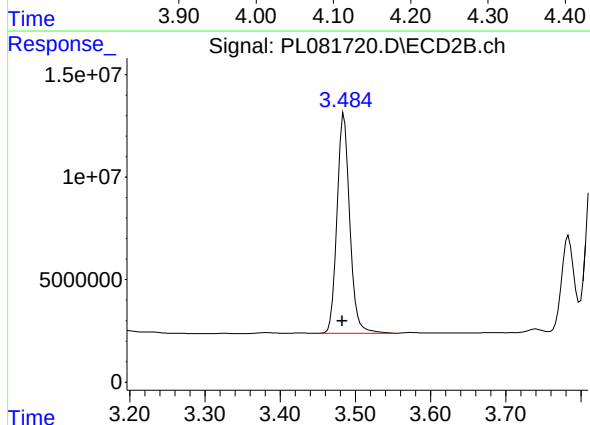
#3 gamma-BHC (Lindane)

R.T.: 4.106 min  
Delta R.T.: -0.007 min  
Response: 148523286  
Conc: 46.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB151671BS

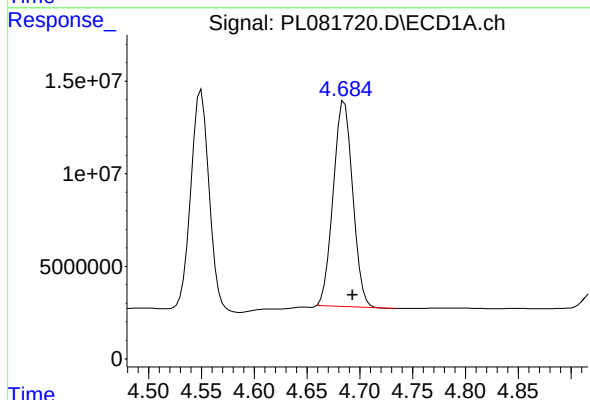
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/27/2023  
Supervised By :Ankita Jodhani 03/27/2023



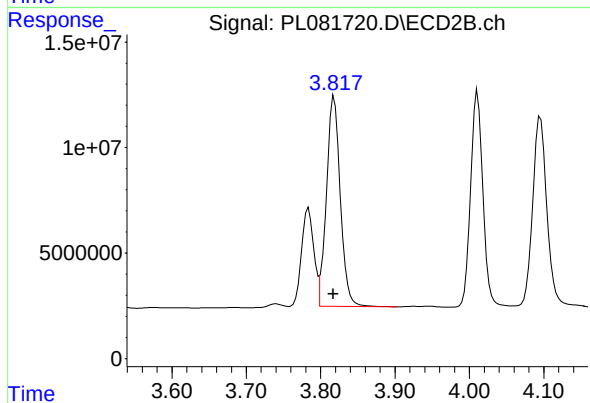
#3 gamma-BHC (Lindane)

R.T.: 3.485 min  
Delta R.T.: 0.002 min  
Response: 126463019  
Conc: 45.42 ng/ml



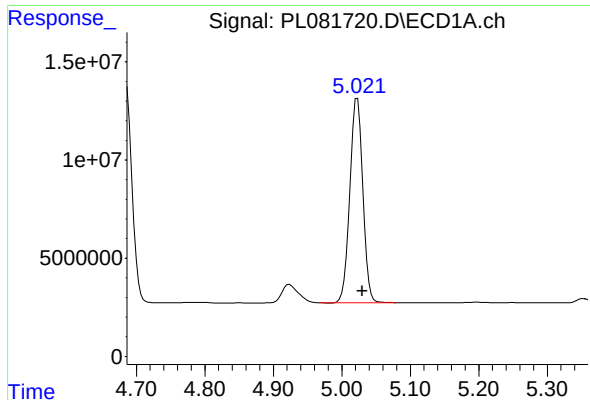
#4 Heptachlor

R.T.: 4.686 min  
Delta R.T.: -0.008 min  
Response: 142179987  
Conc: 45.11 ng/ml



#4 Heptachlor

R.T.: 3.818 min  
Delta R.T.: 0.001 min  
Response: 128317571  
Conc: 44.76 ng/ml



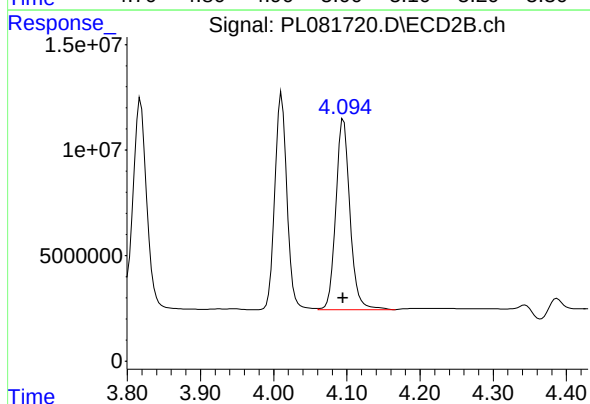
#5 Aldrin

R.T.: 5.023 min  
Delta R.T.: -0.007 min  
Response: 136682755  
Conc: 47.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB151671BS

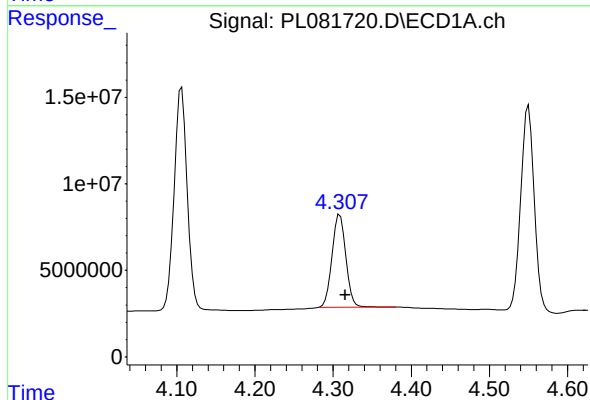
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/27/2023  
Supervised By :Ankita Jodhani 03/27/2023



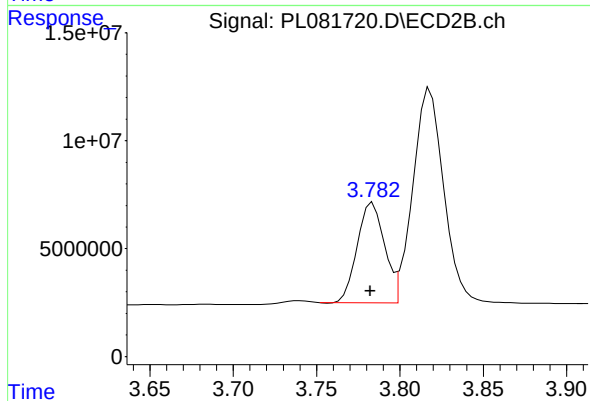
#5 Aldrin

R.T.: 4.095 min  
Delta R.T.: 0.000 min  
Response: 121483269  
Conc: 45.59 ng/ml



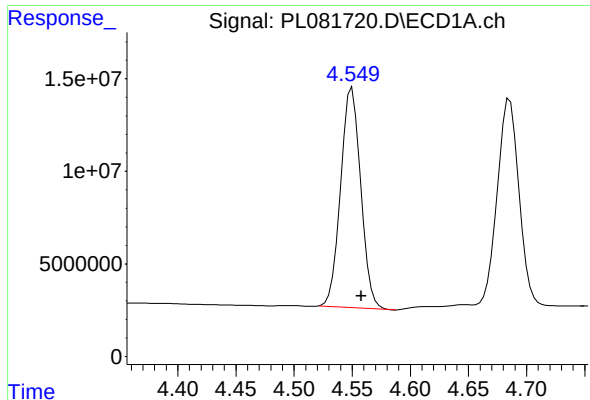
#6 beta-BHC

R.T.: 4.309 min  
Delta R.T.: -0.007 min  
Response: 66138856  
Conc: 43.94 ng/ml



#6 beta-BHC

R.T.: 3.784 min  
Delta R.T.: 0.001 min  
Response: 52694931  
Conc: 44.24 ng/ml



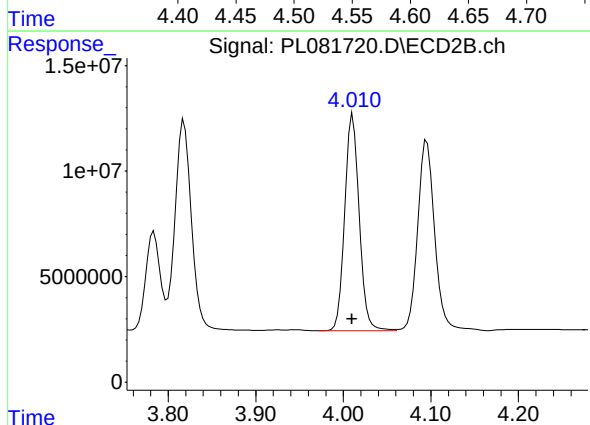
#7 delta-BHC

R.T.: 4.550 min  
Delta R.T.: -0.008 min  
Response: 143178748  
Conc: 47.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB151671BS

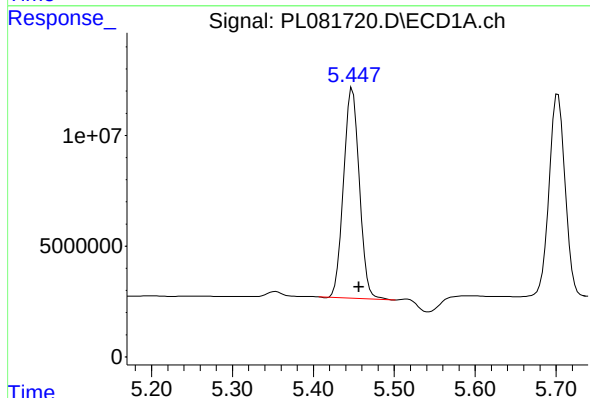
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/27/2023  
Supervised By :Ankita Jodhani 03/27/2023



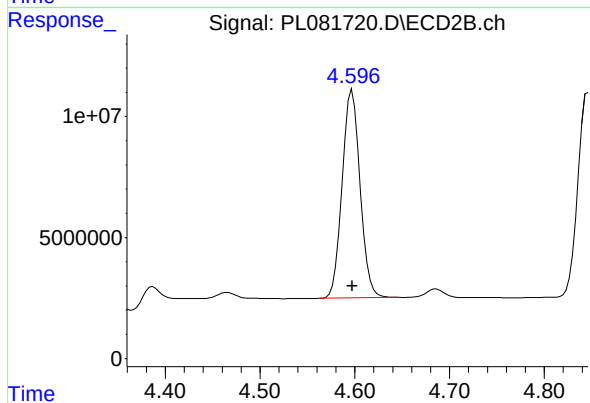
#7 delta-BHC

R.T.: 4.011 min  
Delta R.T.: 0.001 min  
Response: 117743771  
Conc: 45.53 ng/ml



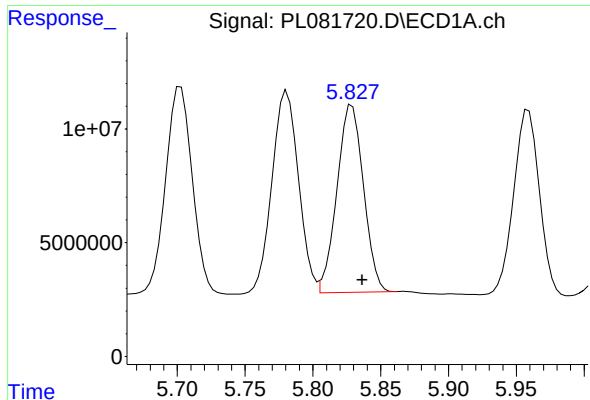
#8 Heptachlor epoxide

R.T.: 5.448 min  
Delta R.T.: -0.008 min  
Response: 129213169  
Conc: 47.50 ng/ml



#8 Heptachlor epoxide

R.T.: 4.596 min  
Delta R.T.: -0.002 min  
Response: 112359293  
Conc: 46.26 ng/ml m



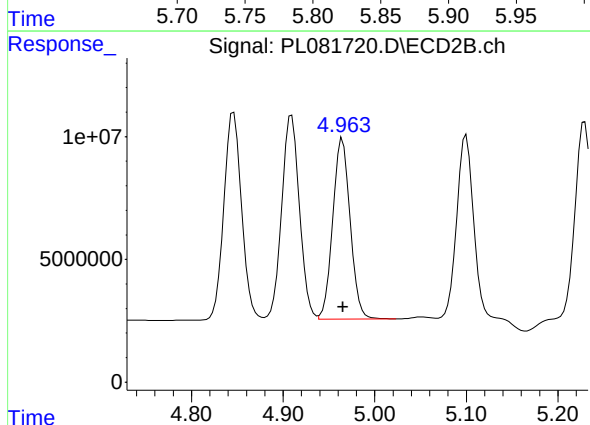
#9 Endosulfan I

R.T.: 5.829 min  
Delta R.T.: -0.008 min  
Response: 112126846  
Conc: 45.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB151671BS

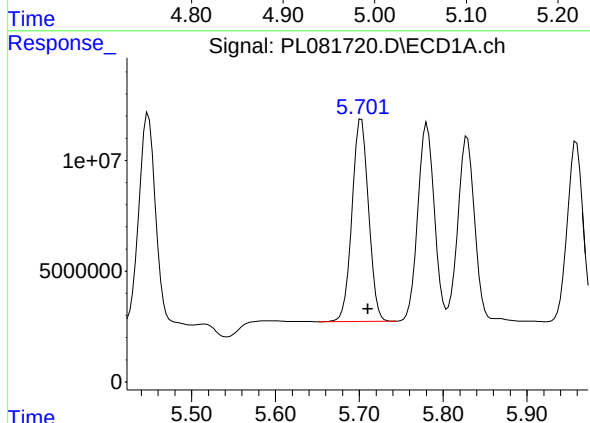
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/27/2023  
Supervised By :Ankita Jodhani 03/27/2023



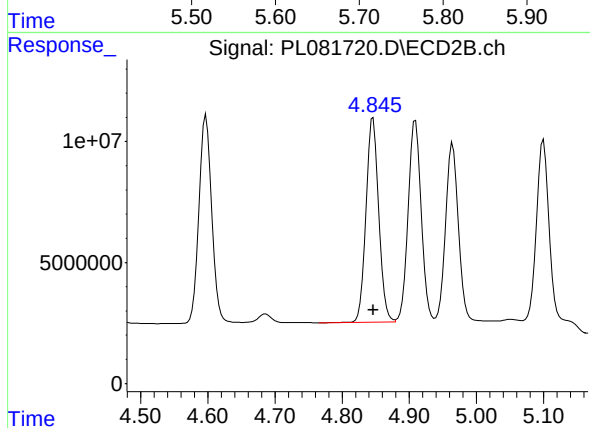
#9 Endosulfan I

R.T.: 4.965 min  
Delta R.T.: 0.000 min  
Response: 97243387  
Conc: 44.05 ng/ml



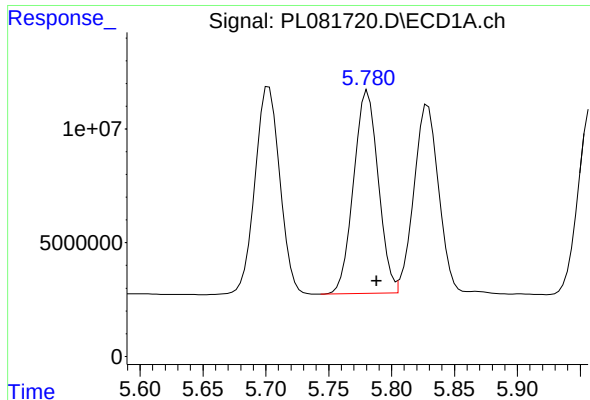
#10 gamma-Chlordane

R.T.: 5.703 min  
Delta R.T.: -0.008 min  
Response: 125356787  
Conc: 47.75 ng/ml



#10 gamma-Chlordane

R.T.: 4.846 min  
Delta R.T.: 0.000 min  
Response: 113559547  
Conc: 46.73 ng/ml



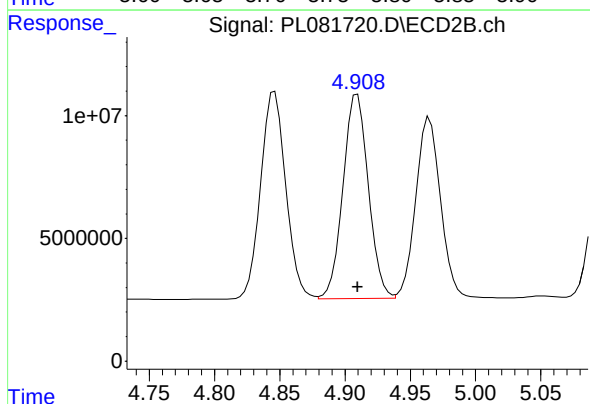
#11 alpha-Chlordane

R.T.: 5.781 min  
Delta R.T.: -0.007 min  
Response: 121391204  
Conc: 46.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB151671BS

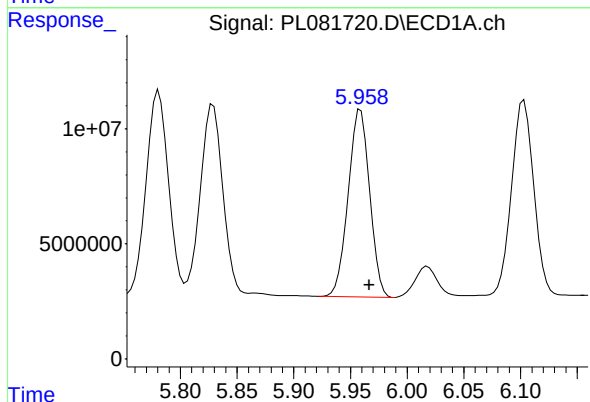
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/27/2023  
Supervised By :Ankita Jodhani 03/27/2023



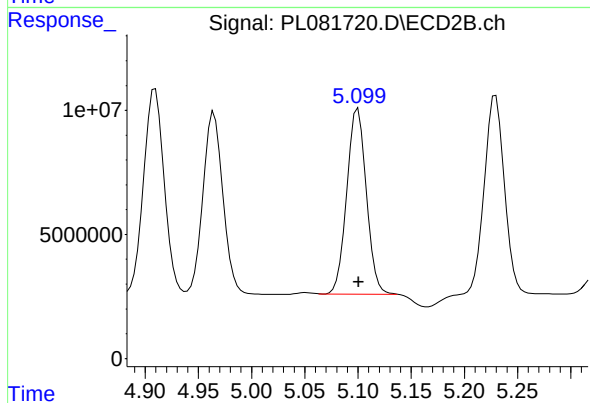
#11 alpha-Chlordane

R.T.: 4.909 min  
Delta R.T.: 0.000 min  
Response: 112508274  
Conc: 46.32 ng/ml



#12 4,4'-DDE

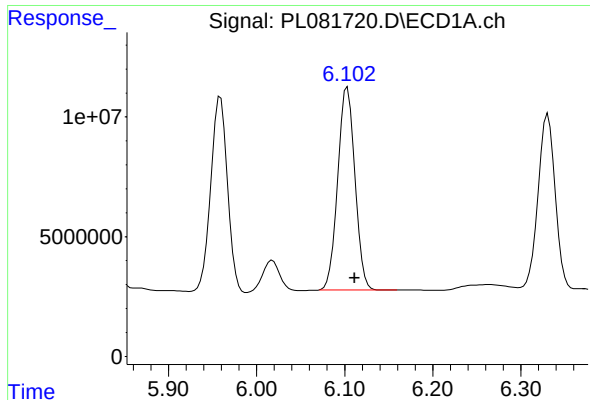
R.T.: 5.959 min  
Delta R.T.: -0.008 min  
Response: 107413772  
Conc: 47.66 ng/ml



#12 4,4'-DDE

R.T.: 5.099 min  
Delta R.T.: -0.002 min  
Response: 95360456  
Conc: 48.41 ng/ml m





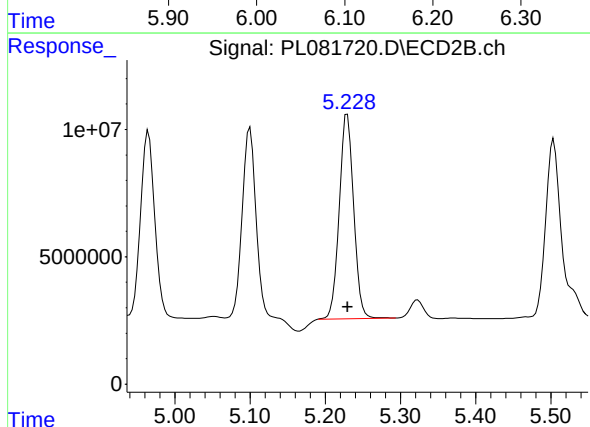
#13 Dieldrin

R.T.: 6.103 min  
Delta R.T.: -0.008 min  
Response: 115157283  
Conc: 47.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB151671BS

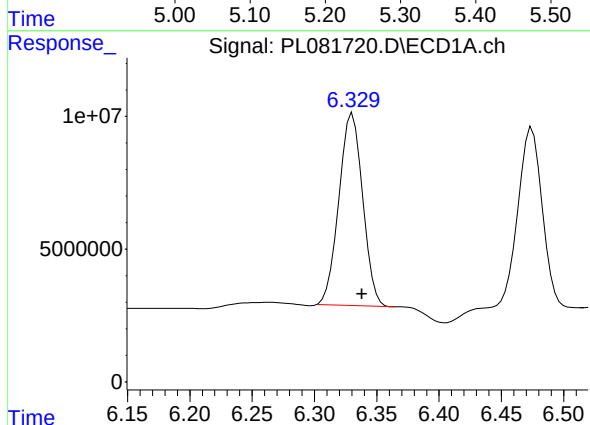
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/27/2023  
Supervised By :Ankita Jodhani 03/27/2023



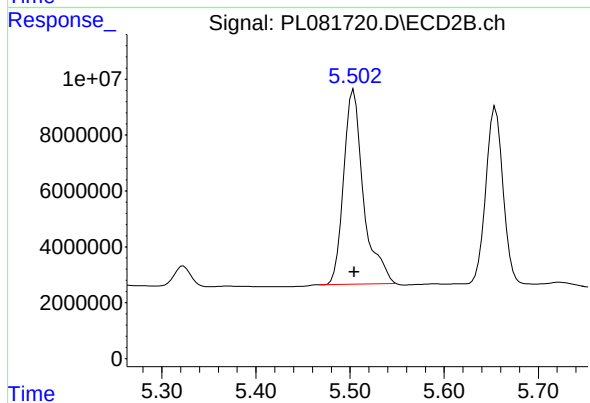
#13 Dieldrin

R.T.: 5.229 min  
Delta R.T.: 0.000 min  
Response: 107169722  
Conc: 47.64 ng/ml



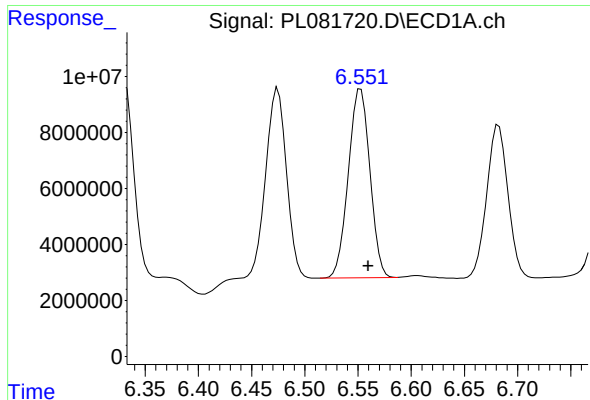
#14 Endrin

R.T.: 6.331 min  
Delta R.T.: -0.008 min  
Response: 96149907  
Conc: 45.46 ng/ml



#14 Endrin

R.T.: 5.504 min  
Delta R.T.: 0.000 min  
Response: 102093061  
Conc: 50.45 ng/ml



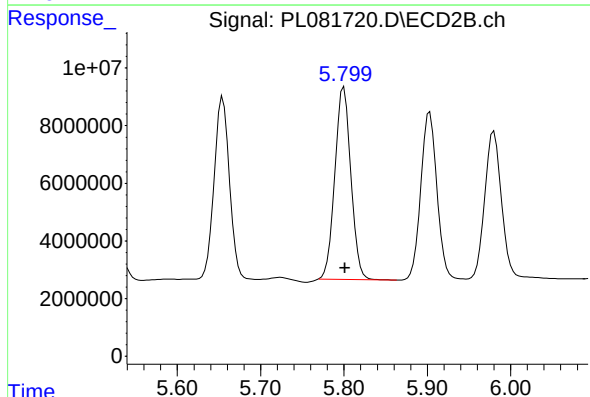
#15 Endosulfan II

R.T.: 6.553 min  
Delta R.T.: -0.007 min  
Response: 94930650  
Conc: 44.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB151671BS

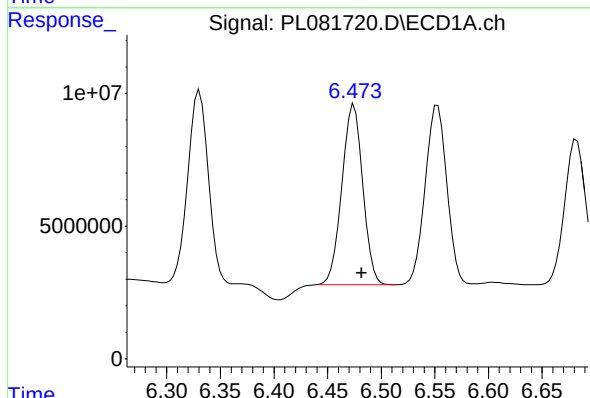
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/27/2023  
Supervised By :Ankita Jodhani 03/27/2023



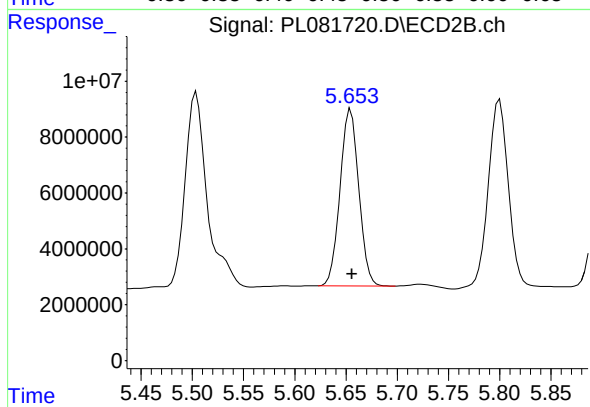
#15 Endosulfan II

R.T.: 5.800 min  
Delta R.T.: -0.001 min  
Response: 89207184  
Conc: 49.18 ng/ml



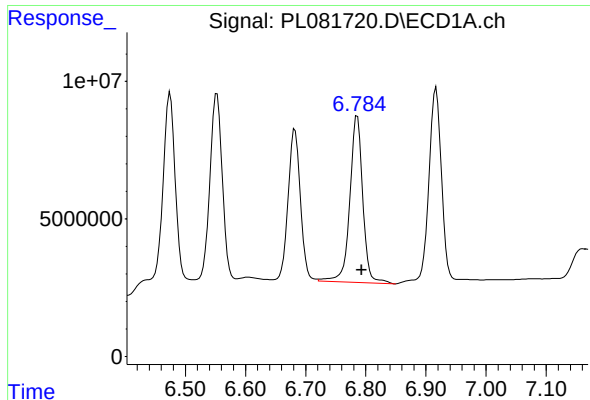
#16 4,4'-DDD

R.T.: 6.475 min  
Delta R.T.: -0.007 min  
Response: 92058495  
Conc: 51.04 ng/ml



#16 4,4'-DDD

R.T.: 5.655 min  
Delta R.T.: -0.001 min  
Response: 80308611  
Conc: 52.92 ng/ml



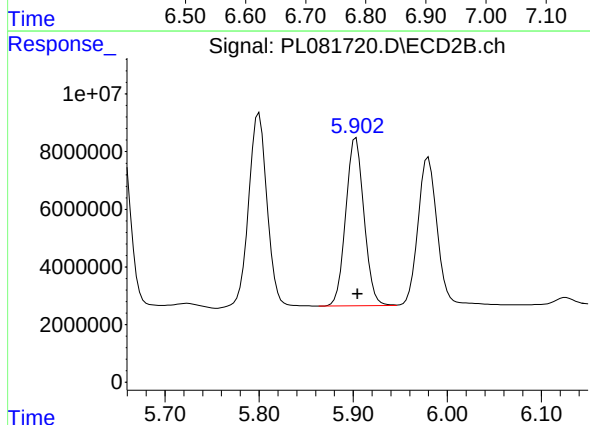
#17 4,4'-DDT

R.T.: 6.786 min  
Delta R.T.: -0.007 min  
Response: 90741020  
Conc: 44.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB151671BS

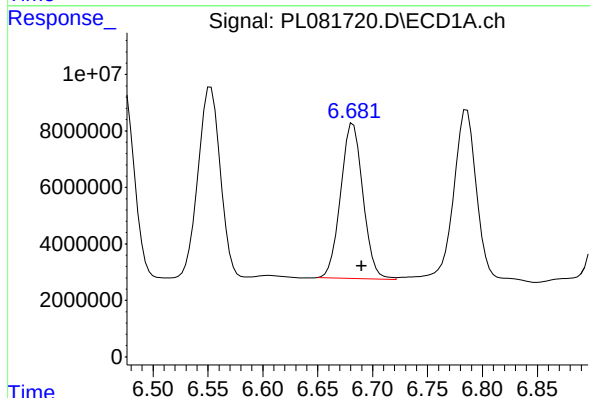
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/27/2023  
Supervised By :Ankita Jodhani 03/27/2023



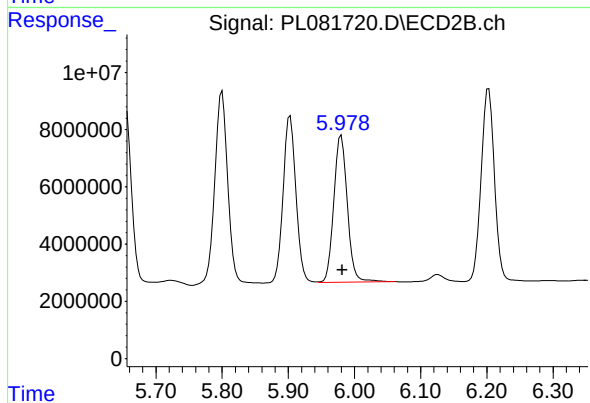
#17 4,4'-DDT

R.T.: 5.903 min  
Delta R.T.: -0.002 min  
Response: 78473015  
Conc: 45.54 ng/ml



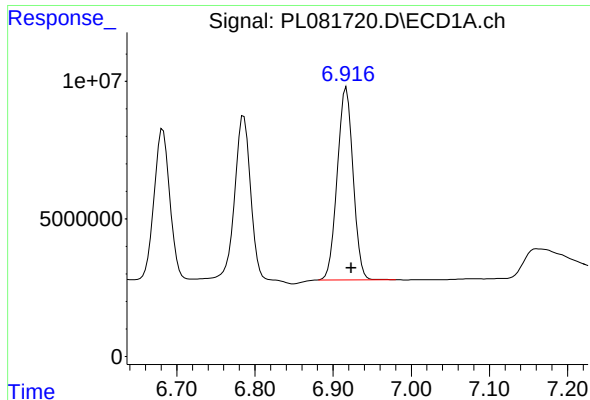
#18 Endrin aldehyde

R.T.: 6.682 min  
Delta R.T.: -0.008 min  
Response: 77486585  
Conc: 47.36 ng/ml



#18 Endrin aldehyde

R.T.: 5.980 min  
Delta R.T.: -0.002 min  
Response: 72632714  
Conc: 46.77 ng/ml



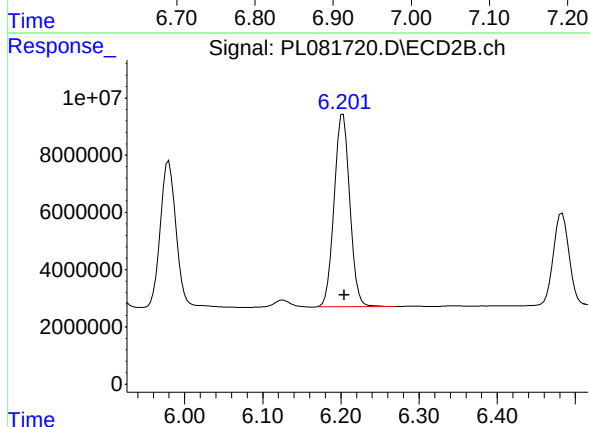
#19 Endosulfan Sulfate

R.T.: 6.917 min  
Delta R.T.: -0.007 min  
Response: 98500463  
Conc: 47.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB151671BS

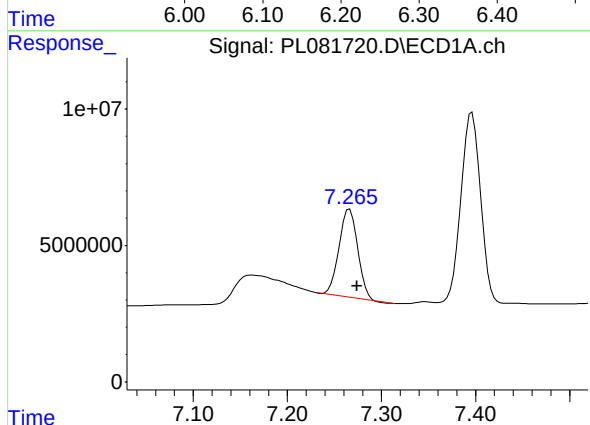
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/27/2023  
Supervised By :Ankita Jodhani 03/27/2023



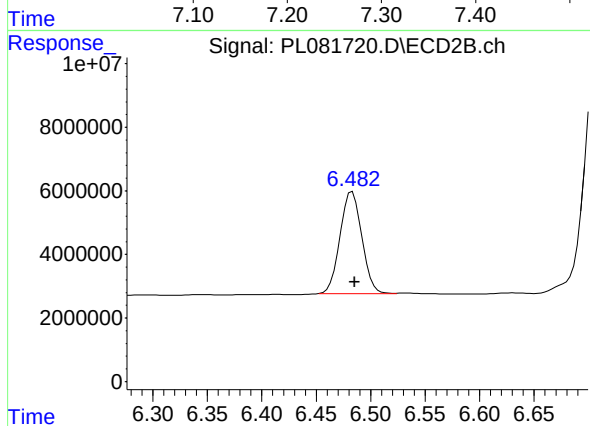
#19 Endosulfan Sulfate

R.T.: 6.203 min  
Delta R.T.: -0.002 min  
Response: 93649408  
Conc: 48.13 ng/ml



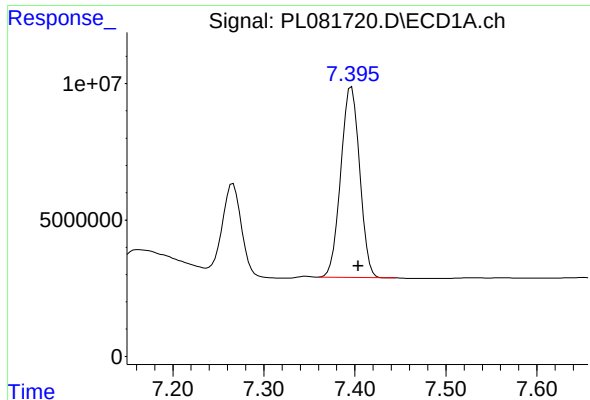
#20 Methoxychlor

R.T.: 7.266 min  
Delta R.T.: -0.008 min  
Response: 43774578  
Conc: 40.65 ng/ml



#20 Methoxychlor

R.T.: 6.483 min  
Delta R.T.: -0.002 min  
Response: 44618390  
Conc: 44.80 ng/ml



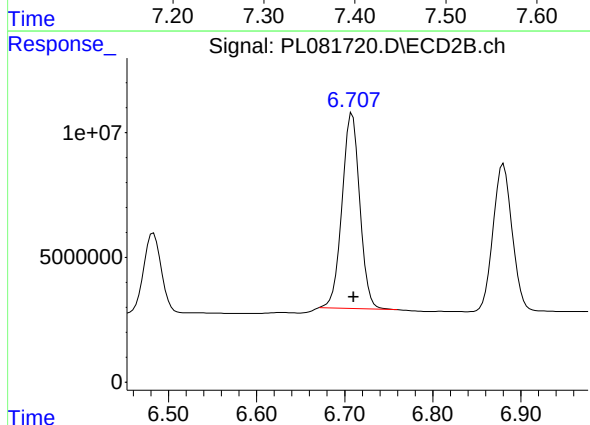
#21 Endrin ketone

R.T.: 7.396 min  
Delta R.T.: -0.008 min  
Response: 101073279  
Conc: 48.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB151671BS

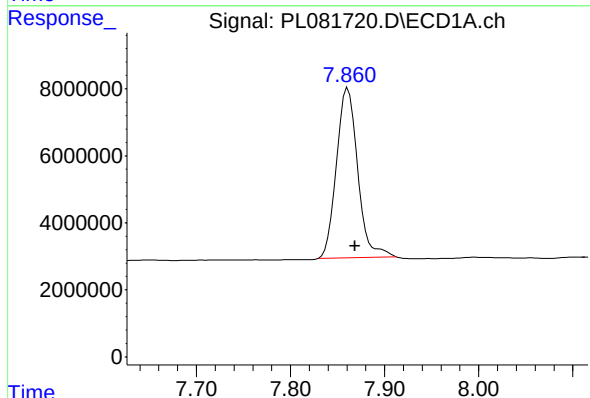
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/27/2023  
Supervised By :Ankita Jodhani 03/27/2023



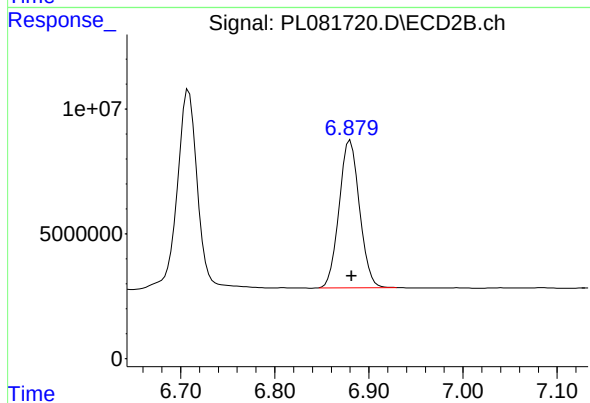
#21 Endrin ketone

R.T.: 6.709 min  
Delta R.T.: -0.002 min  
Response: 109516696  
Conc: 51.25 ng/ml



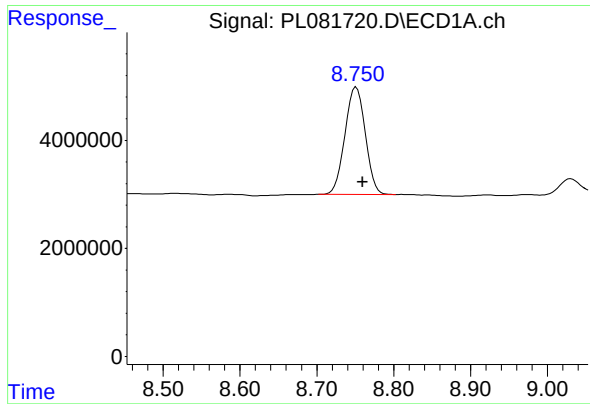
#22 Mirex

R.T.: 7.861 min  
Delta R.T.: -0.007 min  
Response: 79800433  
Conc: 46.58 ng/ml



#22 Mirex

R.T.: 6.880 min  
Delta R.T.: -0.002 min  
Response: 88920413  
Conc: 46.32 ng/ml



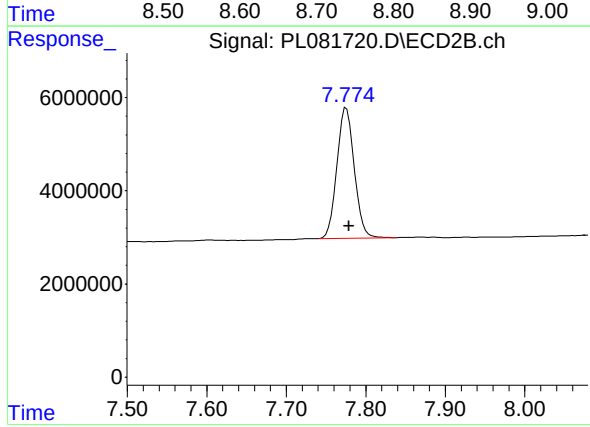
#28 Decachlorobiphenyl

R.T.: 8.751 min  
Delta R.T.: -0.009 min  
Response: 36465698  
Conc: 20.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB151671BS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/27/2023  
Supervised By :Ankita Jodhani 03/27/2023



#28 Decachlorobiphenyl

R.T.: 7.775 min  
Delta R.T.: -0.003 min  
Response: 42529994  
Conc: 21.44 ng/ml