

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091924\  
 Data File : PL091851.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Sep 2024 13:21  
 Operator : AR\AJ  
 Sample : PB163508BSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB163508BSD

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 09/20/2024  
 Supervised By :Ankita Jodhani 09/20/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 20 03:28:40 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090924.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 09 19:26:36 2024  
 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...          | 3.542 | 2.780 | 35318006 | 37923074 | 22.660  | 20.276  |
| 28) SA Decachlor...         | 9.061 | 7.923 | 26928827 | 41067591 | 22.158  | 22.240  |
| Target Compounds            |       |       |          |          |         |         |
| 2) A alpha-BHC              | 3.998 | 3.284 | 104.0E6  | 124.5E6  | 48.139  | 46.805  |
| 3) MA gamma-BHC...          | 4.330 | 3.614 | 98196348 | 117.4E6  | 47.768m | 47.720  |
| 4) MA Heptachlor            | 4.921 | 3.954 | 94604707 | 116.5E6  | 50.509  | 48.388  |
| 5) MB Aldrin                | 5.261 | 4.233 | 91177587 | 109.5E6  | 48.952m | 47.992m |
| 6) B beta-BHC               | 4.528 | 3.912 | 46451495 | 50955768 | 51.044  | 46.643m |
| 7) B delta-BHC              | 4.775 | 4.142 | 82624878 | 97066981 | 43.008  | 42.190m |
| 8) B Heptachlo...           | 5.688 | 4.737 | 84067142 | 100.9E6  | 50.378  | 47.879  |
| 9) A Endosulfan I           | 6.075 | 5.107 | 78988126 | 92930589 | 50.695  | 48.167  |
| 10) B gamma-Chl...          | 5.945 | 4.986 | 85017859 | 102.6E6  | 50.885  | 46.510m |
| 11) B alpha-Chl...          | 6.023 | 5.051 | 84590171 | 102.0E6  | 52.481  | 49.275  |
| 12) B 4,4'-DDE              | 6.197 | 5.239 | 76555936 | 96373485 | 52.484  | 50.811m |
| 13) MA Dieldrin             | 6.350 | 5.372 | 83380213 | 99982100 | 51.099  | 48.643  |
| 14) MA Endrin               | 6.578 | 5.647 | 66303025 | 84264964 | 49.864m | 44.651  |
| 15) B Endosulfa...          | 6.799 | 5.942 | 75747904 | 89141156 | 48.869  | 50.393  |
| 16) A 4,4'-DDD              | 6.714 | 5.795 | 68020121 | 82899524 | 53.663  | 49.470  |
| 17) MA 4,4'-DDT             | 7.028 | 6.046 | 64628983 | 75452599 | 49.269  | 46.959  |
| 18) B Endrin al...          | 6.927 | 6.122 | 60245978 | 70801080 | 50.707m | 51.792  |
| 19) B Endosulfa...          | 7.163 | 6.343 | 69292188 | 84559127 | 49.622  | 49.274m |
| 20) A Methoxychlor          | 7.504 | 6.621 | 34323908 | 42296942 | 50.740  | 47.752  |
| 21) B Endrin ke...          | 7.647 | 6.849 | 80502179 | 103.3E6  | 52.060m | 51.341m |
| 22) Mirex                   | 8.122 | 7.031 | 61256327 | 81756250 | 51.156  | 46.106  |
| -----                       |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091924\  
Data File : PL091851.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Sep 2024 13:21  
Operator : AR\AJ  
Sample : PB163508BSD  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

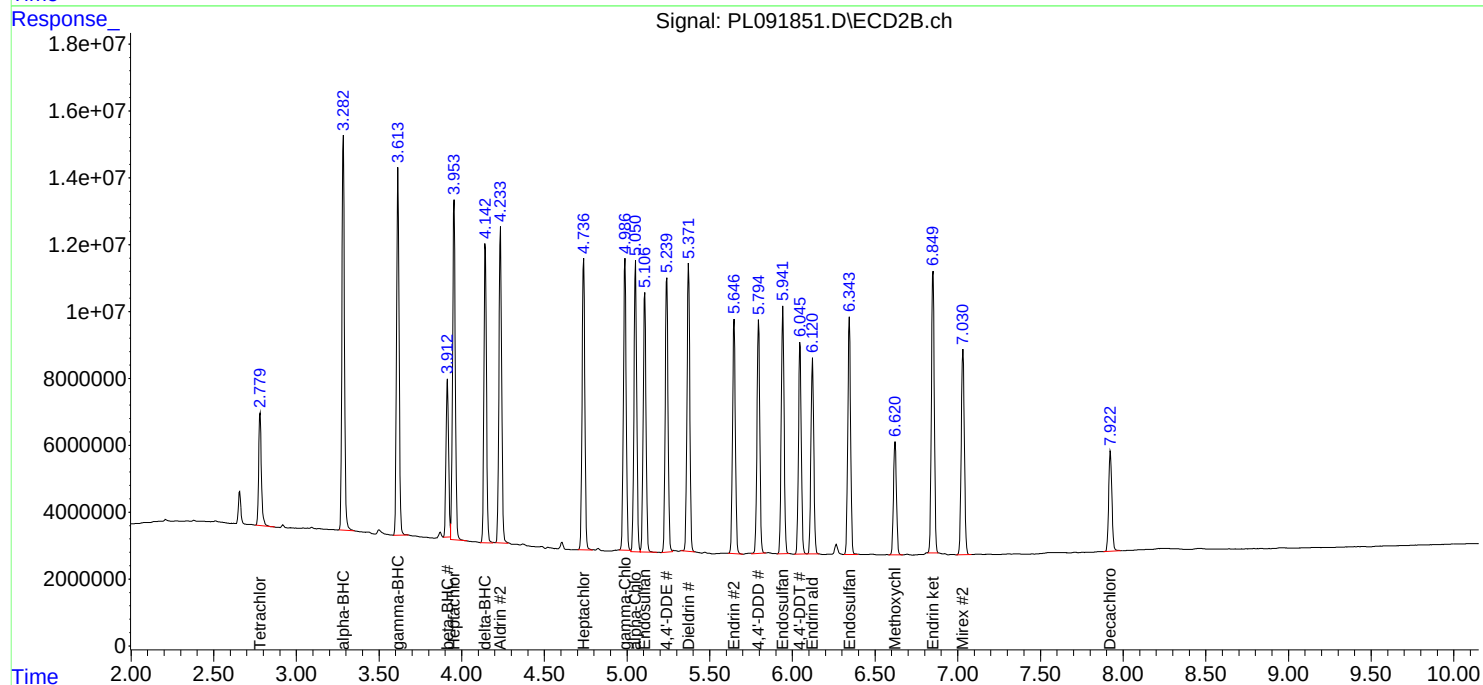
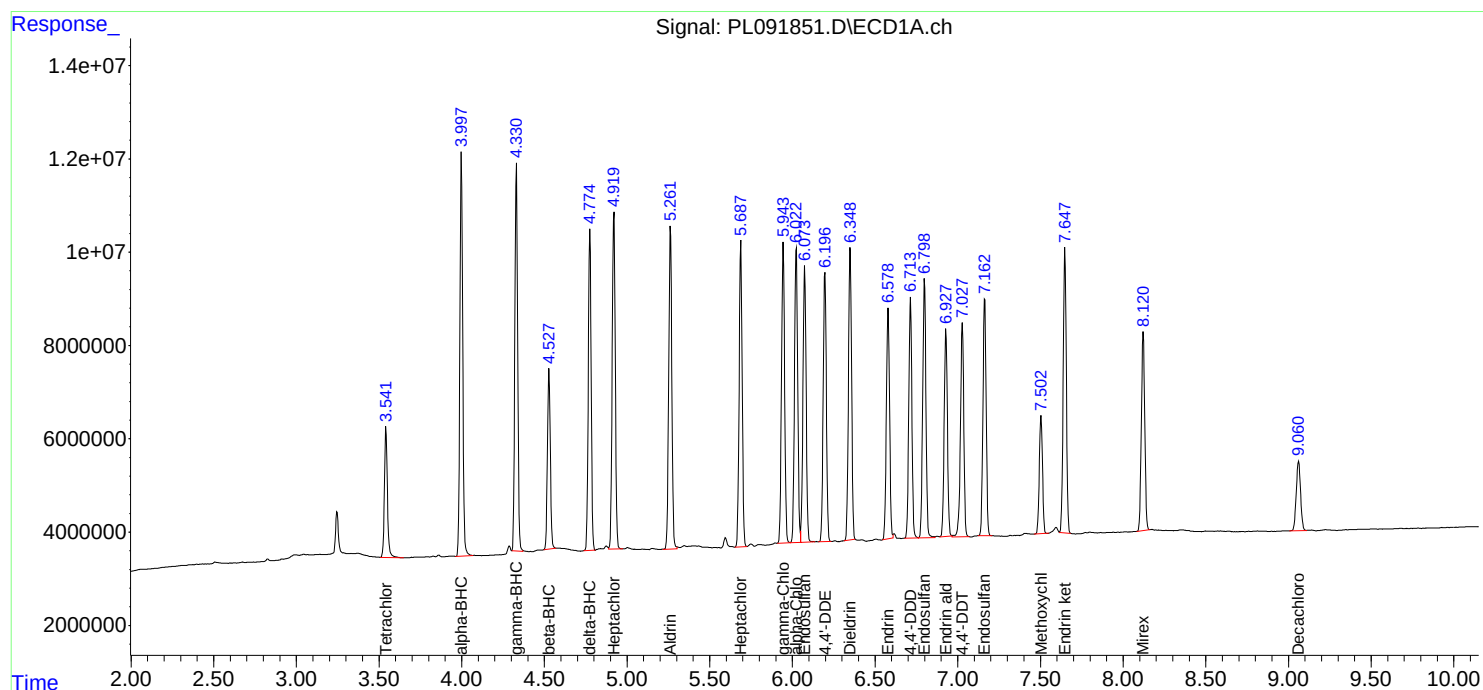
Instrument :  
ECD\_L  
ClientSampleId :  
PB163508BSD

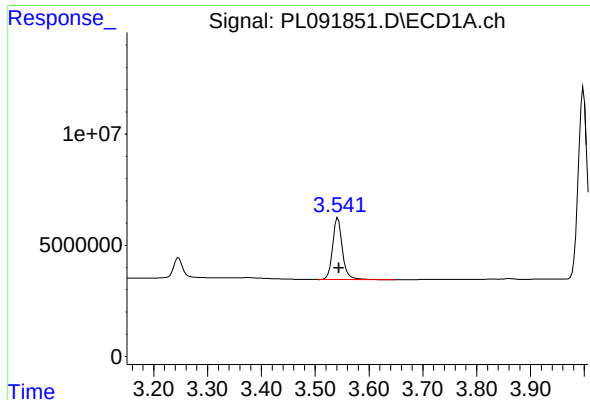
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/20/2024  
Supervised By :Ankita Jodhani 09/20/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 20 03:28:40 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL090924.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 09 19:26:36 2024  
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





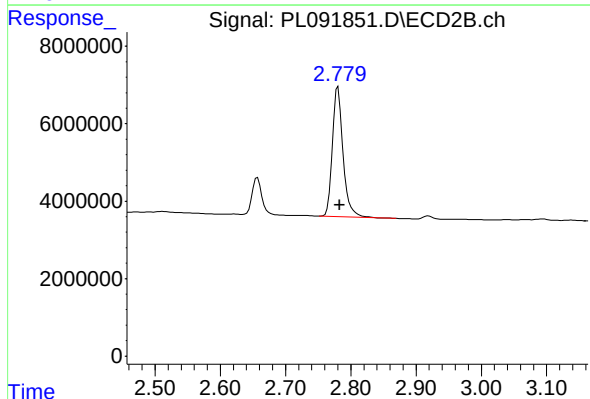
#1 Tetrachloro-m-xylene

R.T.: 3.542 min  
Delta R.T.: -0.002 min  
Response: 35318006  
Conc: 22.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163508BSD

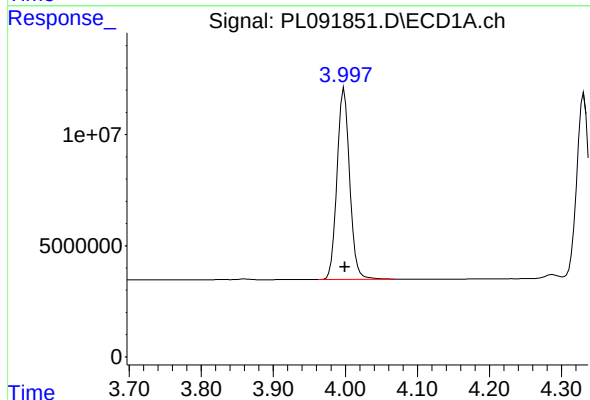
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/20/2024  
Supervised By :Ankita Jodhani 09/20/2024



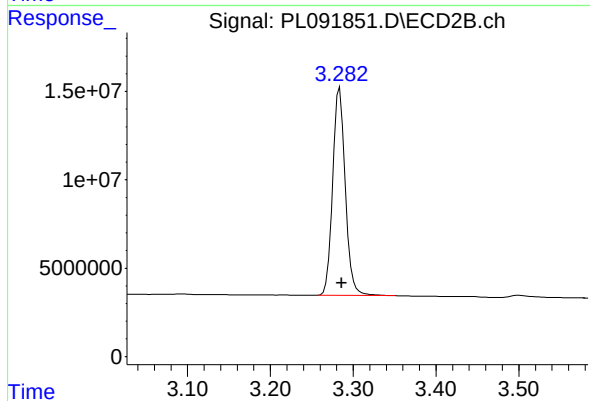
#1 Tetrachloro-m-xylene

R.T.: 2.780 min  
Delta R.T.: -0.002 min  
Response: 37923074  
Conc: 20.28 ng/ml



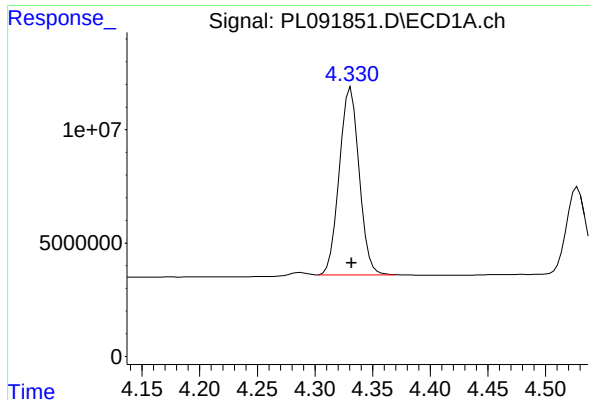
#2 alpha-BHC

R.T.: 3.998 min  
Delta R.T.: -0.001 min  
Response: 103976913  
Conc: 48.14 ng/ml



#2 alpha-BHC

R.T.: 3.284 min  
Delta R.T.: -0.002 min  
Response: 124480389  
Conc: 46.80 ng/ml



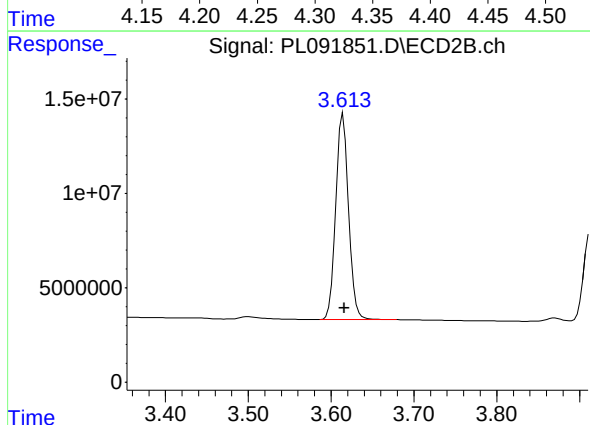
#3 gamma-BHC (Lindane)

R.T.: 4.330 min  
Delta R.T.: -0.002 min  
Response: 98196348  
Conc: 47.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163508BSD

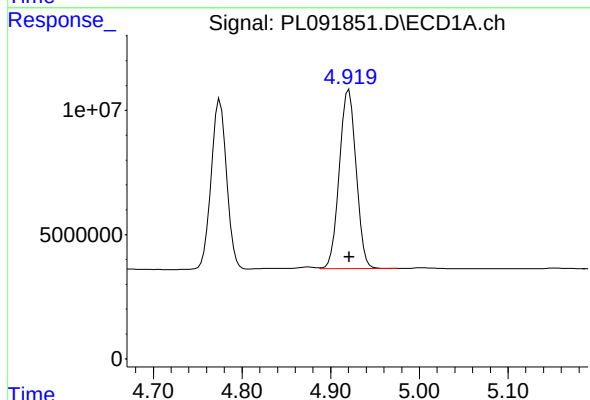
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/20/2024  
Supervised By :Ankita Jodhani 09/20/2024



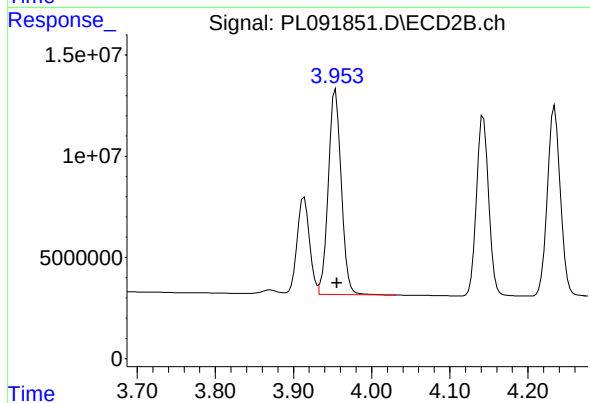
#3 gamma-BHC (Lindane)

R.T.: 3.614 min  
Delta R.T.: -0.002 min  
Response: 117364287  
Conc: 47.72 ng/ml



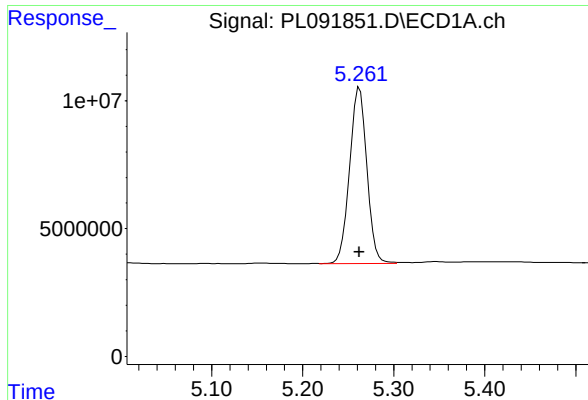
#4 Heptachlor

R.T.: 4.921 min  
Delta R.T.: 0.000 min  
Response: 94604707  
Conc: 50.51 ng/ml



#4 Heptachlor

R.T.: 3.954 min  
Delta R.T.: -0.002 min  
Response: 116533844  
Conc: 48.39 ng/ml



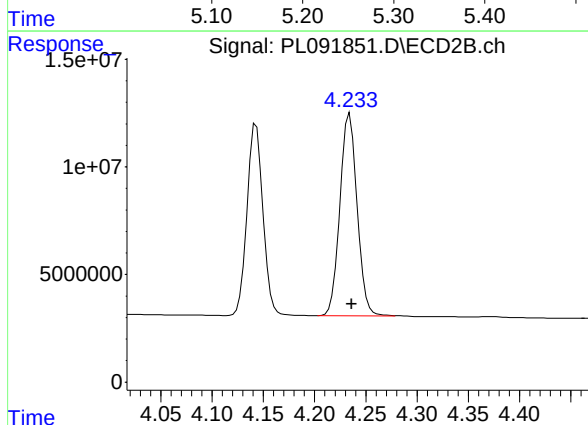
#5 Aldrin

R.T.: 5.261 min  
Delta R.T.: -0.001 min  
Response: 91177587  
Conc: 48.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163508BSD

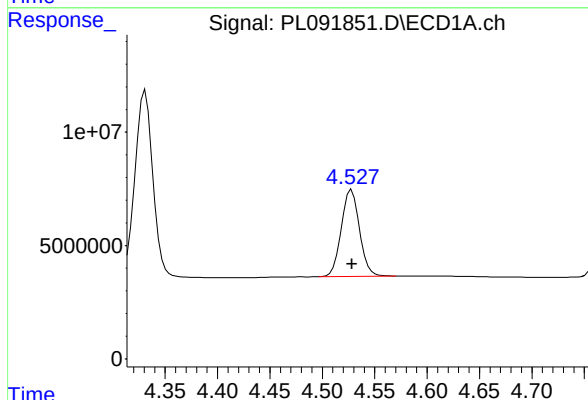
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/20/2024  
Supervised By :Ankita Jodhani 09/20/2024



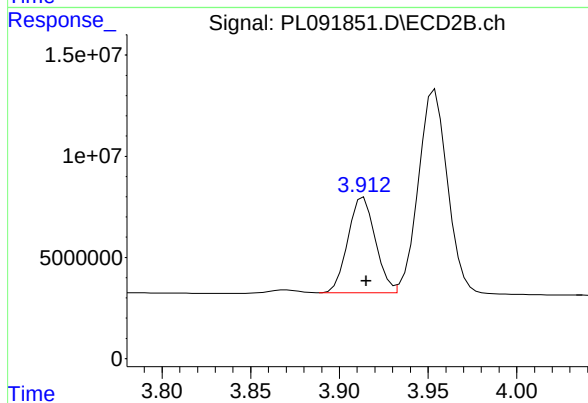
#5 Aldrin

R.T.: 4.233 min  
Delta R.T.: -0.003 min  
Response: 109494294  
Conc: 47.99 ng/ml m



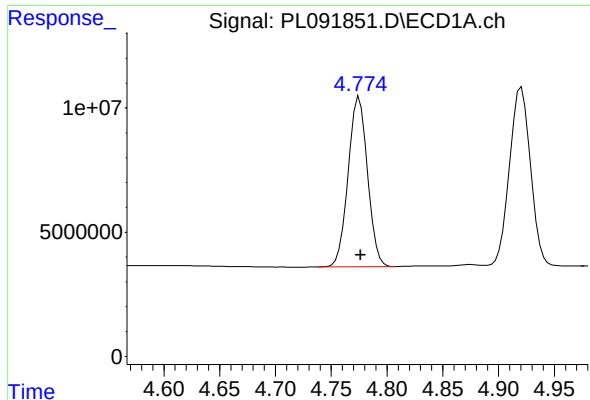
#6 beta-BHC

R.T.: 4.528 min  
Delta R.T.: 0.000 min  
Response: 46451495  
Conc: 51.04 ng/ml



#6 beta-BHC

R.T.: 3.912 min  
Delta R.T.: -0.003 min  
Response: 50955768  
Conc: 46.64 ng/ml m



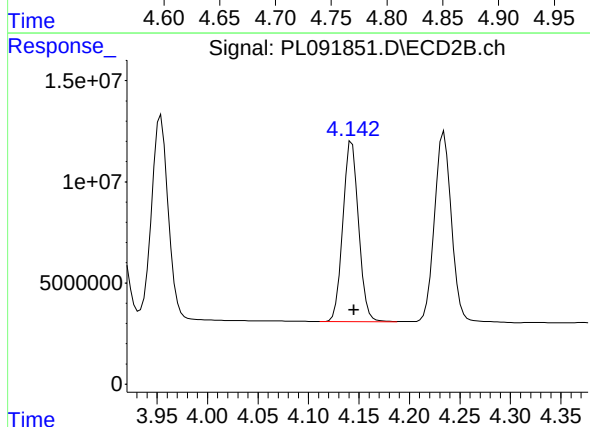
#7 delta-BHC

R.T.: 4.775 min  
Delta R.T.: -0.001 min  
Response: 82624878  
Conc: 43.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163508BSD

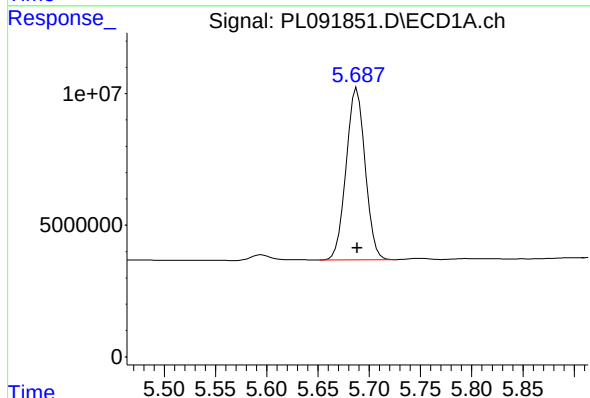
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/20/2024  
Supervised By :Ankita Jodhani 09/20/2024



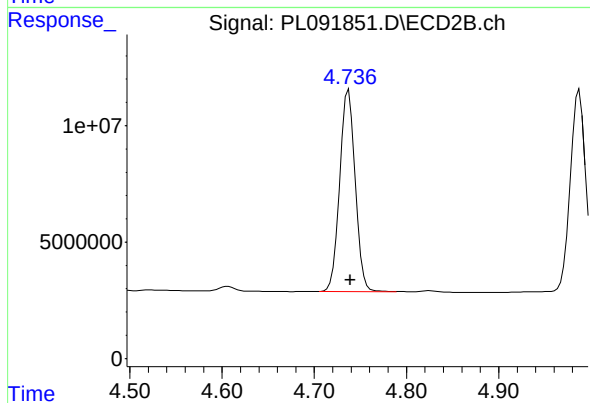
#7 delta-BHC

R.T.: 4.142 min  
Delta R.T.: -0.003 min  
Response: 97066981  
Conc: 42.19 ng/ml



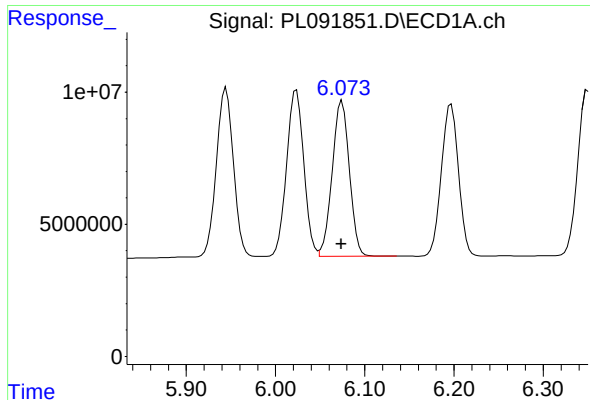
#8 Heptachlor epoxide

R.T.: 5.688 min  
Delta R.T.: 0.000 min  
Response: 84067142  
Conc: 50.38 ng/ml



#8 Heptachlor epoxide

R.T.: 4.737 min  
Delta R.T.: -0.002 min  
Response: 100914971  
Conc: 47.88 ng/ml



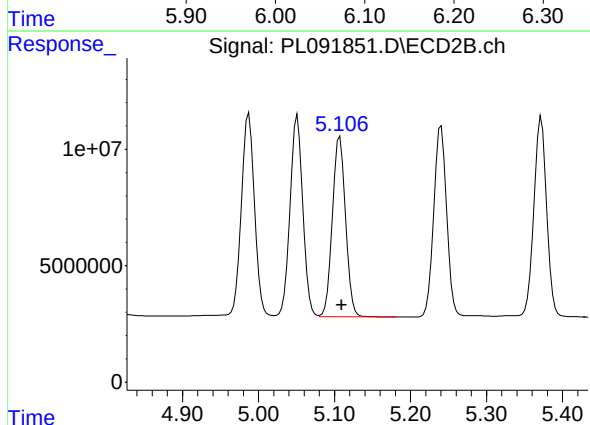
#9 Endosulfan I

R.T.: 6.075 min  
Delta R.T.: 0.000 min  
Response: 78988126  
Conc: 50.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163508BSD

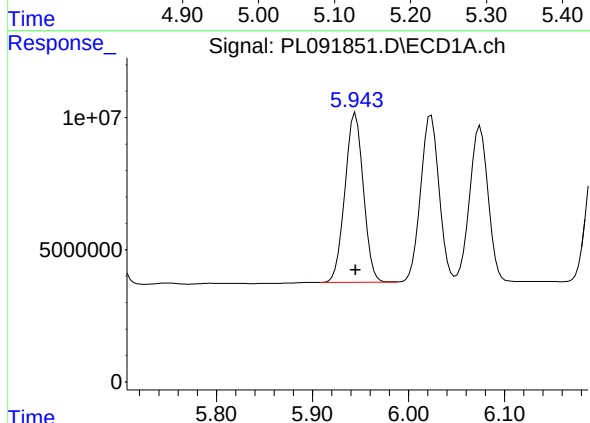
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/20/2024  
Supervised By :Ankita Jodhani 09/20/2024



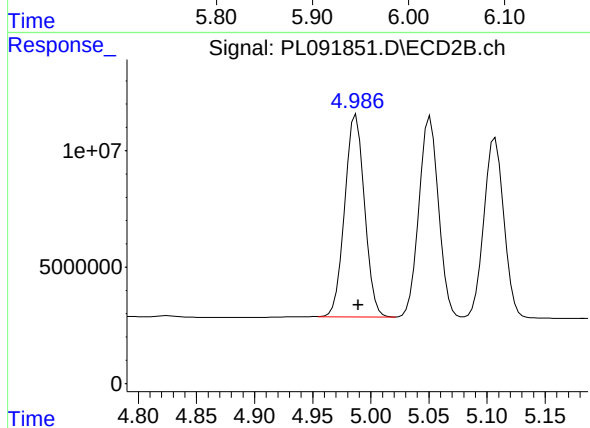
#9 Endosulfan I

R.T.: 5.107 min  
Delta R.T.: -0.002 min  
Response: 92930589  
Conc: 48.17 ng/ml



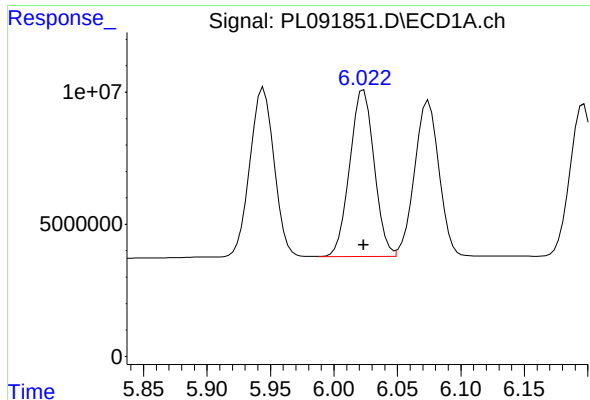
#10 gamma-Chlordane

R.T.: 5.945 min  
Delta R.T.: 0.000 min  
Response: 85017859  
Conc: 50.89 ng/ml



#10 gamma-Chlordane

R.T.: 4.986 min  
Delta R.T.: -0.003 min  
Response: 102586465  
Conc: 46.51 ng/ml m



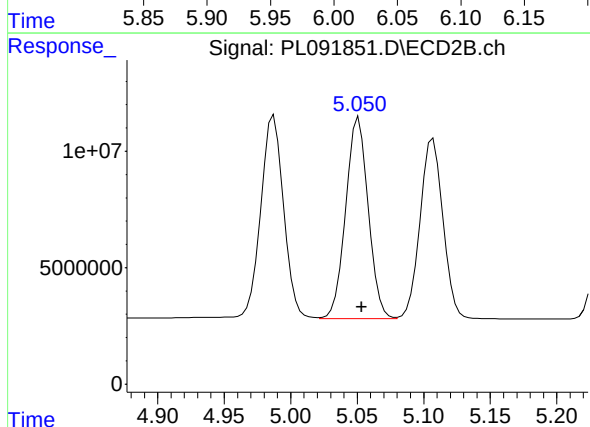
#11 alpha-Chlordane

R.T.: 6.023 min  
Delta R.T.: 0.000 min  
Response: 84590171  
Conc: 52.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163508BSD

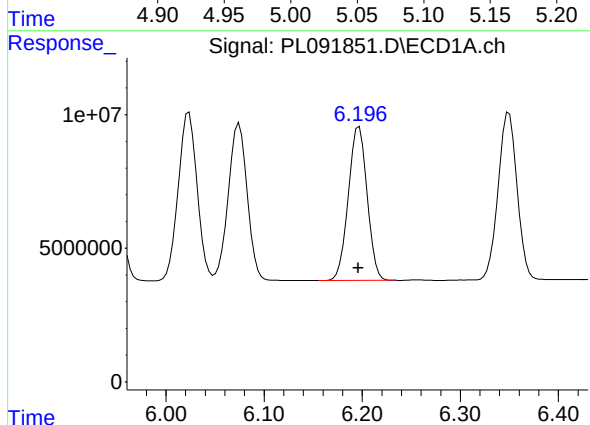
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/20/2024  
Supervised By :Ankita Jodhani 09/20/2024



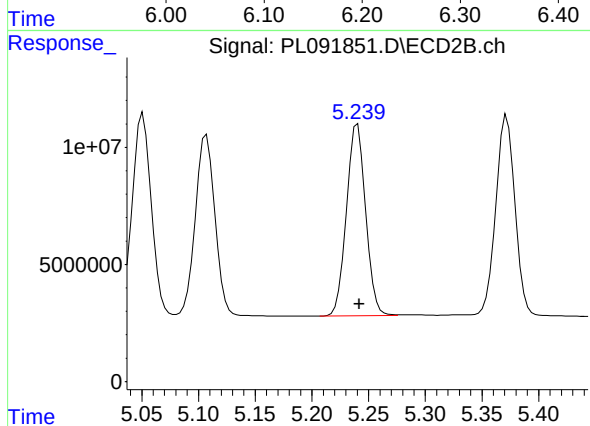
#11 alpha-Chlordane

R.T.: 5.051 min  
Delta R.T.: -0.002 min  
Response: 101951065  
Conc: 49.28 ng/ml



#12 4,4'-DDE

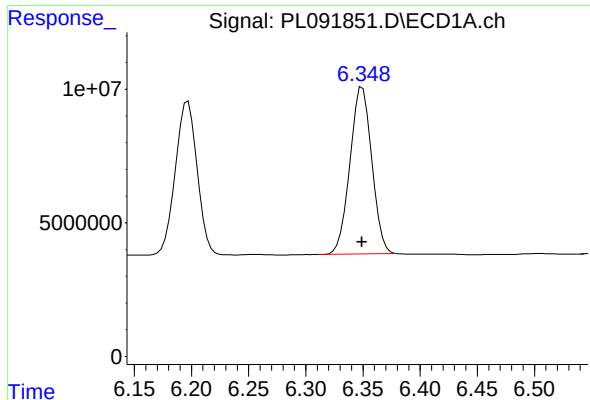
R.T.: 6.197 min  
Delta R.T.: 0.000 min  
Response: 76555936  
Conc: 52.48 ng/ml



#12 4,4'-DDE

R.T.: 5.239 min  
Delta R.T.: -0.003 min  
Response: 96373485  
Conc: 50.81 ng/ml m





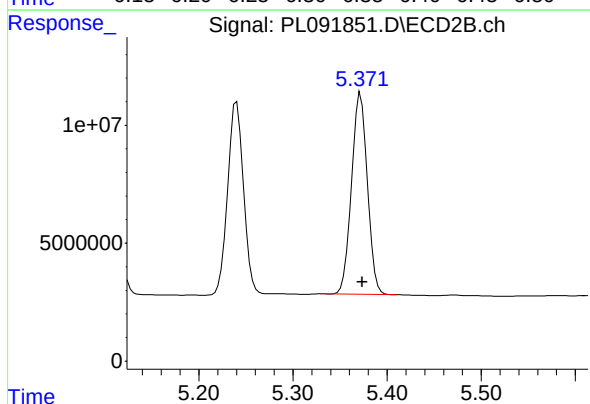
#13 Dieldrin

R.T.: 6.350 min  
Delta R.T.: 0.000 min  
Response: 83380213  
Conc: 51.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163508BSD

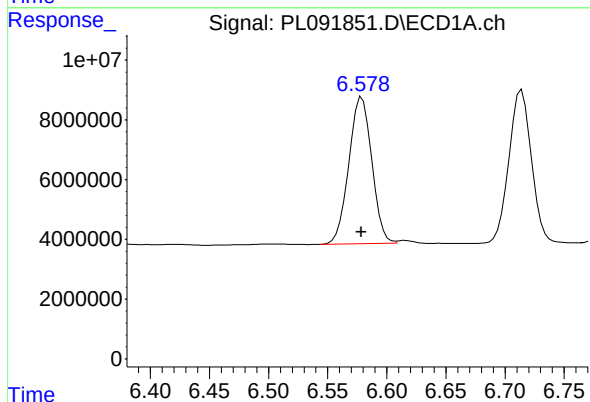
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/20/2024  
Supervised By :Ankita Jodhani 09/20/2024



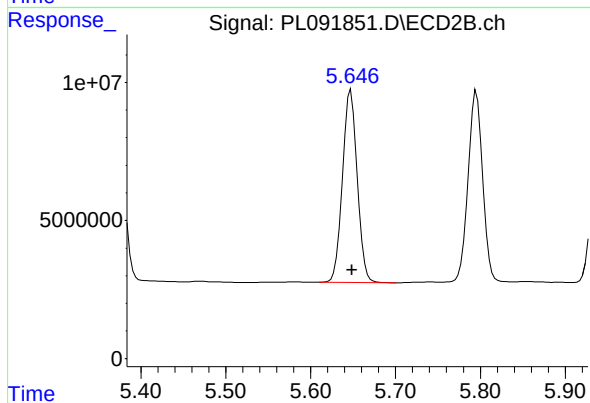
#13 Dieldrin

R.T.: 5.372 min  
Delta R.T.: -0.002 min  
Response: 99982100  
Conc: 48.64 ng/ml



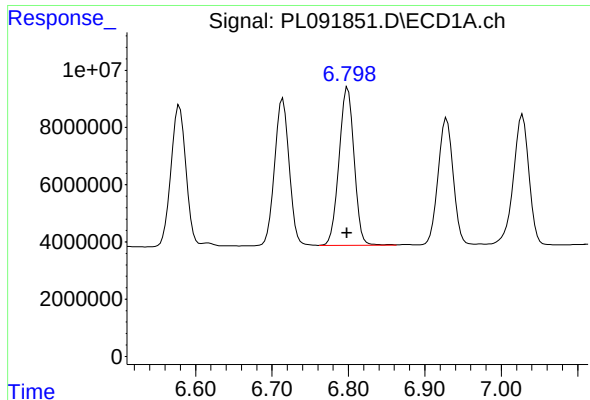
#14 Endrin

R.T.: 6.578 min  
Delta R.T.: 0.000 min  
Response: 66303025  
Conc: 49.86 ng/ml m



#14 Endrin

R.T.: 5.647 min  
Delta R.T.: -0.001 min  
Response: 84264964  
Conc: 44.65 ng/ml



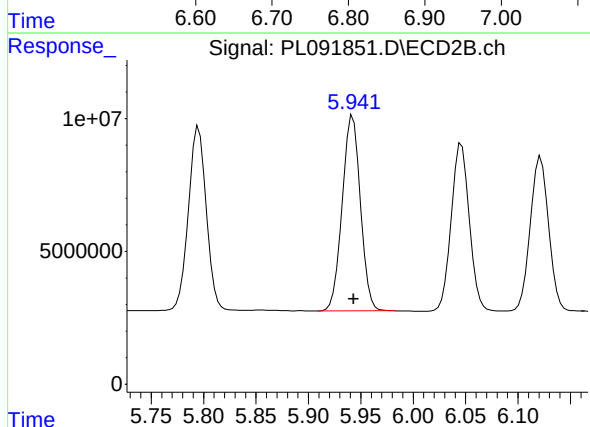
#15 Endosulfan II

R.T.: 6.799 min  
Delta R.T.: 0.000 min  
Response: 75747904  
Conc: 48.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163508BSD

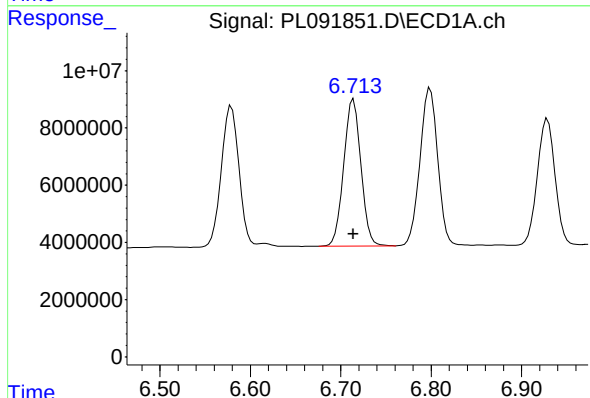
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/20/2024  
Supervised By :Ankita Jodhani 09/20/2024



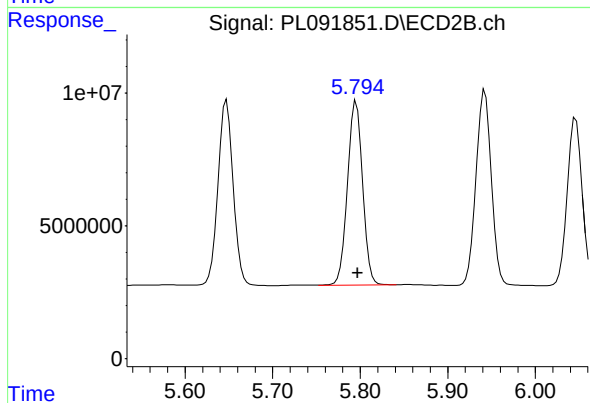
#15 Endosulfan II

R.T.: 5.942 min  
Delta R.T.: 0.000 min  
Response: 89141156  
Conc: 50.39 ng/ml



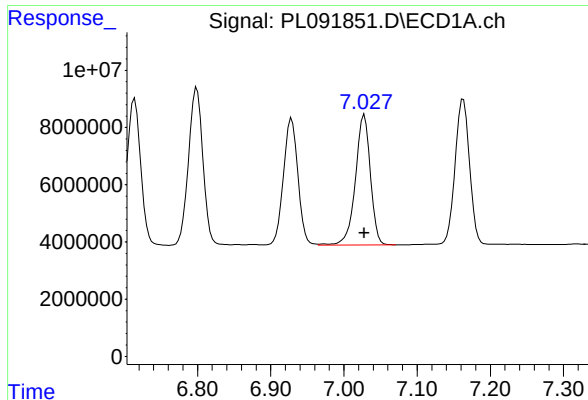
#16 4,4'-DDD

R.T.: 6.714 min  
Delta R.T.: 0.000 min  
Response: 68020121  
Conc: 53.66 ng/ml



#16 4,4'-DDD

R.T.: 5.795 min  
Delta R.T.: -0.001 min  
Response: 82899524  
Conc: 49.47 ng/ml



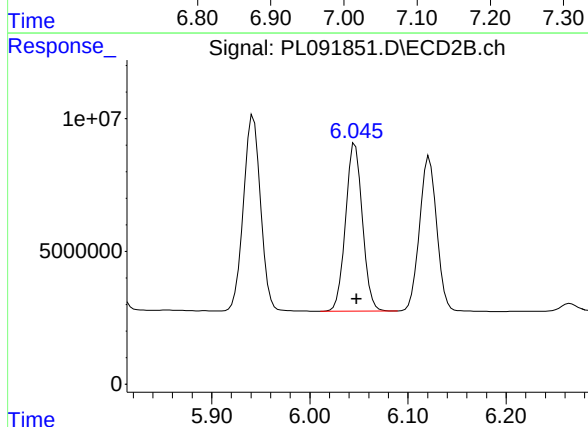
#17 4,4'-DDT

R.T.: 7.028 min  
Delta R.T.: 0.000 min  
Response: 64628983  
Conc: 49.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163508BSD

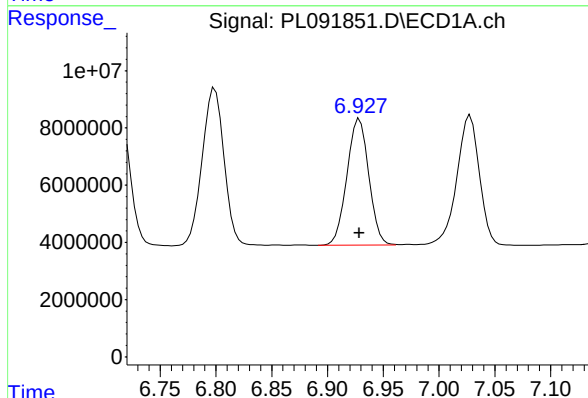
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/20/2024  
Supervised By :Ankita Jodhani 09/20/2024



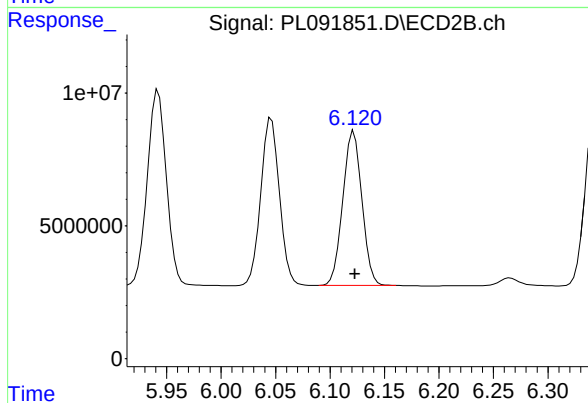
#17 4,4'-DDT

R.T.: 6.046 min  
Delta R.T.: -0.001 min  
Response: 75452599  
Conc: 46.96 ng/ml



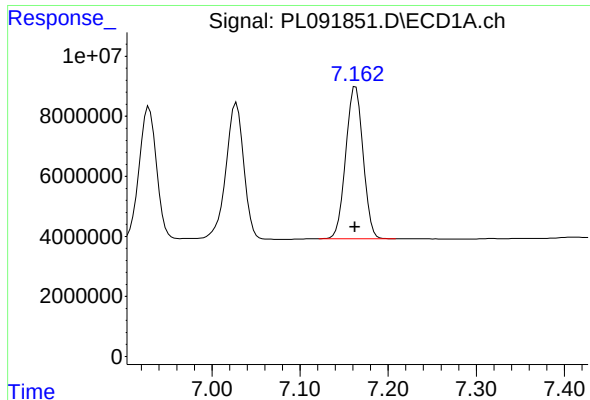
#18 Endrin aldehyde

R.T.: 6.927 min  
Delta R.T.: -0.001 min  
Response: 60245978  
Conc: 50.71 ng/ml m



#18 Endrin aldehyde

R.T.: 6.122 min  
Delta R.T.: 0.000 min  
Response: 70801080  
Conc: 51.79 ng/ml



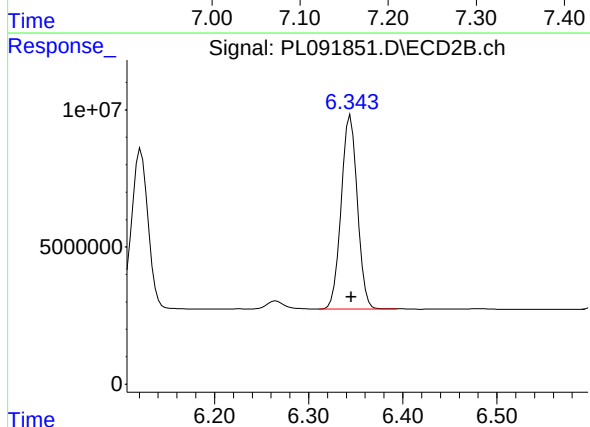
#19 Endosulfan Sulfate

R.T.: 7.163 min  
Delta R.T.: 0.000 min  
Response: 69292188  
Conc: 49.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163508BSD

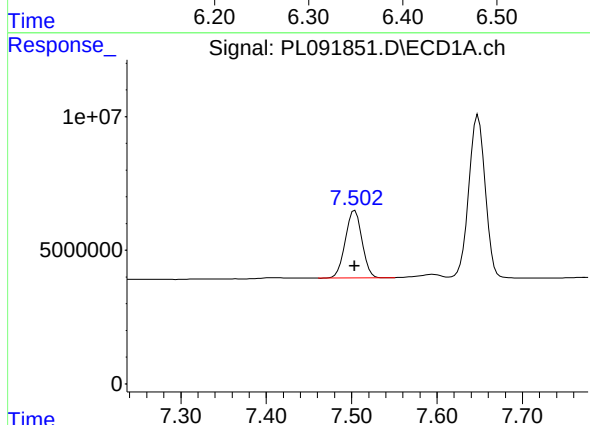
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/20/2024  
Supervised By :Ankita Jodhani 09/20/2024



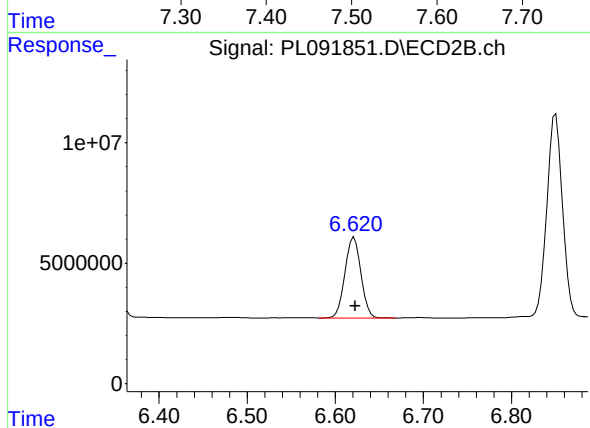
#19 Endosulfan Sulfate

R.T.: 6.343 min  
Delta R.T.: -0.002 min  
Response: 84559127  
Conc: 49.27 ng/ml



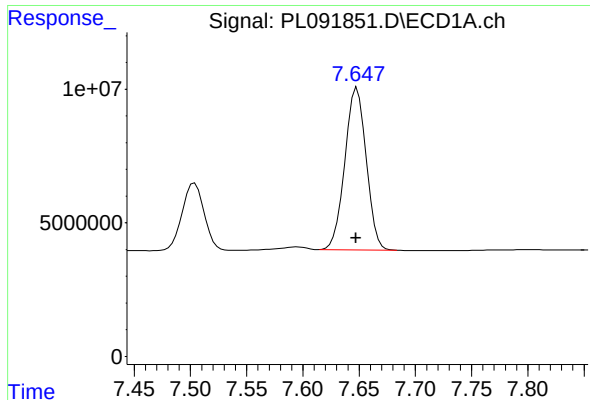
#20 Methoxychlor

R.T.: 7.504 min  
Delta R.T.: 0.000 min  
Response: 34323908  
Conc: 50.74 ng/ml



#20 Methoxychlor

R.T.: 6.621 min  
Delta R.T.: -0.001 min  
Response: 42296942  
Conc: 47.75 ng/ml



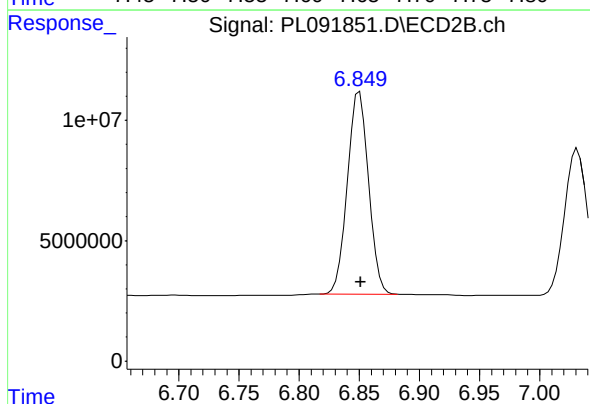
#21 Endrin ketone

R.T.: 7.647 min  
Delta R.T.: 0.000 min  
Response: 80502179  
Conc: 52.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB163508BSD

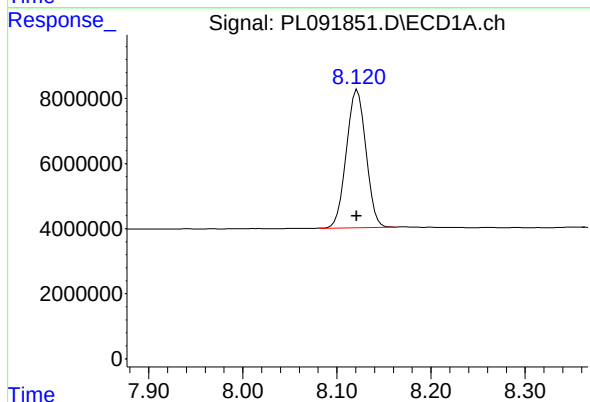
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/20/2024  
Supervised By :Ankita Jodhani 09/20/2024



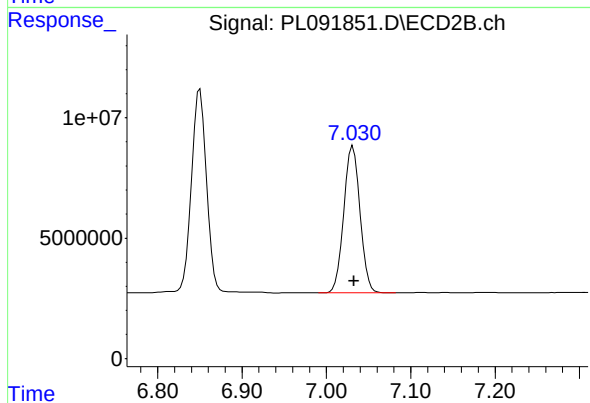
#21 Endrin ketone

R.T.: 6.849 min  
Delta R.T.: -0.002 min  
Response: 103267376  
Conc: 51.34 ng/ml m



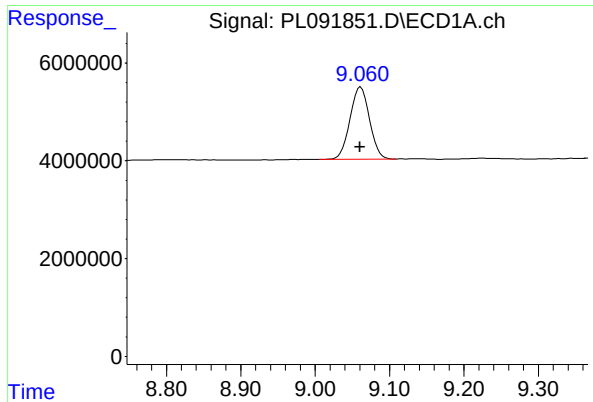
#22 Mirex

R.T.: 8.122 min  
Delta R.T.: 0.001 min  
Response: 61256327  
Conc: 51.16 ng/ml



#22 Mirex

R.T.: 7.031 min  
Delta R.T.: -0.001 min  
Response: 81756250  
Conc: 46.11 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.061 min  
Delta R.T.: 0.000 min  
Response: 26928827  
Conc: 22.16 ng/ml

Instrument :

ECD\_L

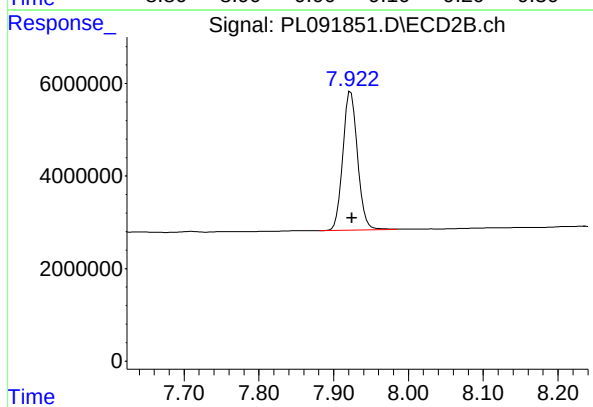
ClientSampleId :

PB163508BSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 09/20/2024  
Supervised By :Ankita Jodhani 09/20/2024



#28 Decachlorobiphenyl

R.T.: 7.923 min  
Delta R.T.: -0.002 min  
Response: 41067591  
Conc: 22.24 ng/ml