

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091424\  
 Data File : PL091768.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Sep 2024 19:38  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 09/16/2024  
 Supervised By :Ankita Jodhani 09/16/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 16 02:03:29 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 | 2.781 | 85304969 | 107.9E6  | 54.732  | 57.708  |
| 28) SA Decachlor...         | 9.058 | 7.922 | 54608833 | 87736524 | 44.934  | 47.514  |
| Target Compounds            |       |       |          |          |         |         |
| 2) A alpha-BHC              | 3.998 | 3.285 | 117.1E6  | 156.2E6  | 54.198  | 58.750  |
| 3) MA gamma-BHC...          | 4.331 | 3.615 | 110.4E6  | 144.2E6  | 53.698  | 58.643  |
| 4) MA Heptachlor            | 4.918 | 3.954 | 99674410 | 140.6E6  | 53.216m | 58.365  |
| 5) MB Aldrin                | 5.261 | 4.233 | 93696442 | 132.2E6  | 50.305  | 57.965m |
| 6) B beta-BHC               | 4.527 | 3.914 | 48889624 | 62368118 | 53.724  | 57.089  |
| 7) B delta-BHC              | 4.775 | 4.142 | 104.3E6  | 140.8E6  | 54.302  | 61.218m |
| 8) B Heptachlo...           | 5.687 | 4.737 | 87363279 | 117.1E6  | 52.354  | 55.576  |
| 9) A Endosulfan I           | 6.073 | 5.106 | 80581251 | 111.0E6  | 51.717  | 57.518m |
| 10) B gamma-Chl...          | 5.943 | 4.988 | 85347228 | 123.7E6  | 51.082  | 56.090  |
| 11) B alpha-Chl...          | 6.022 | 5.051 | 86107204 | 121.5E6  | 53.422  | 58.746  |
| 12) B 4,4'-DDE              | 6.195 | 5.239 | 78069389 | 115.7E6  | 53.521  | 61.003m |
| 13) MA Dieldrin             | 6.348 | 5.372 | 84924452 | 117.8E6  | 52.045  | 57.321  |
| 14) MA Endrin               | 6.576 | 5.647 | 67500679 | 102.4E6  | 50.764m | 54.265  |
| 15) B Endosulfa...          | 6.795 | 5.940 | 75841013 | 100.6E6  | 48.930m | 56.849m |
| 16) A 4,4'-DDD              | 6.712 | 5.793 | 67589105 | 94098121 | 53.323  | 56.153m |
| 17) MA 4,4'-DDT             | 7.026 | 6.045 | 65182586 | 91414719 | 49.691  | 56.893  |
| 18) B Endrin al...          | 6.925 | 6.120 | 58672094 | 79245083 | 49.382m | 57.968m |
| 19) B Endosulfa...          | 7.161 | 6.344 | 68234273 | 98233455 | 48.865  | 57.242  |
| 20) A Methoxychlor          | 7.502 | 6.620 | 34504667 | 48368280 | 51.007  | 54.606  |
| 21) B Endrin ke...          | 7.646 | 6.849 | 77132228 | 111.1E6  | 49.881  | 55.219  |
| 22) Mirex                   | 8.120 | 7.030 | 55245589 | 88065311 | 46.136  | 49.664  |
| -----                       |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL091424\  
Data File : PL091768.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Sep 2024 19:38  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

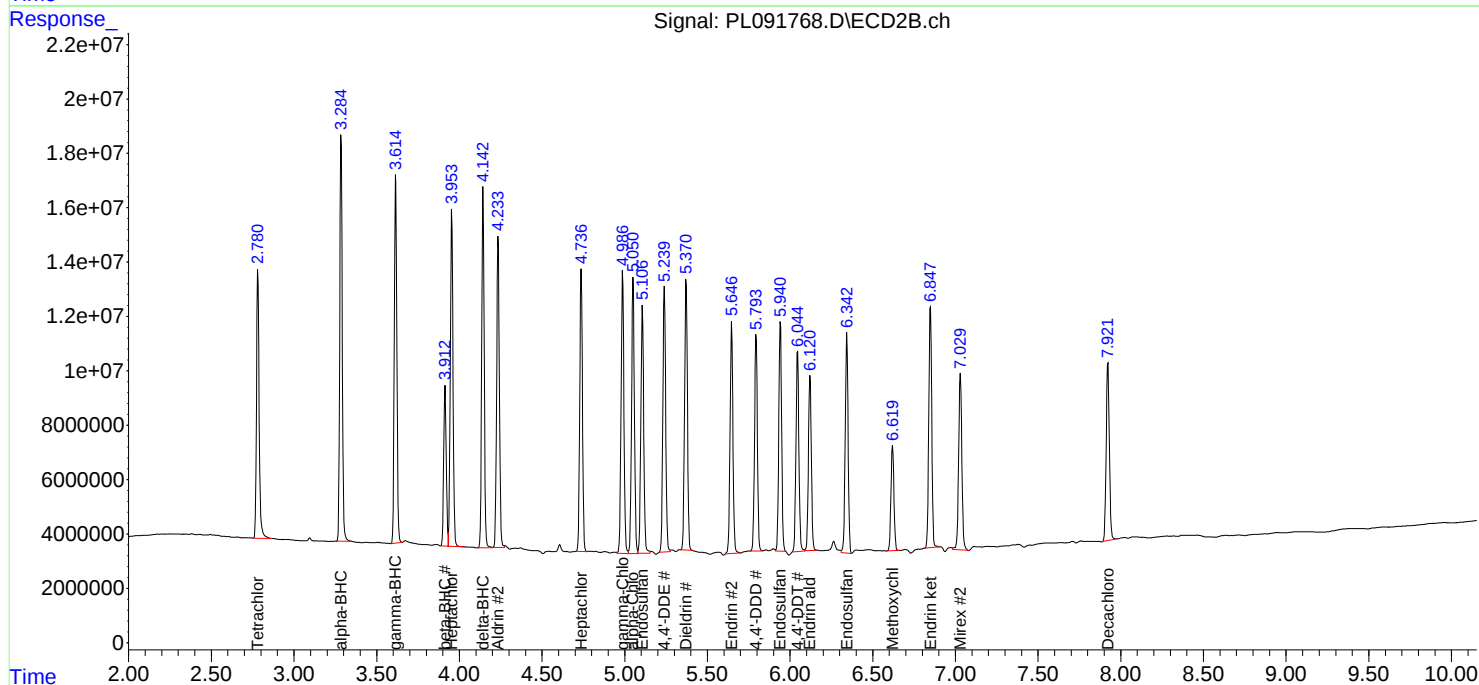
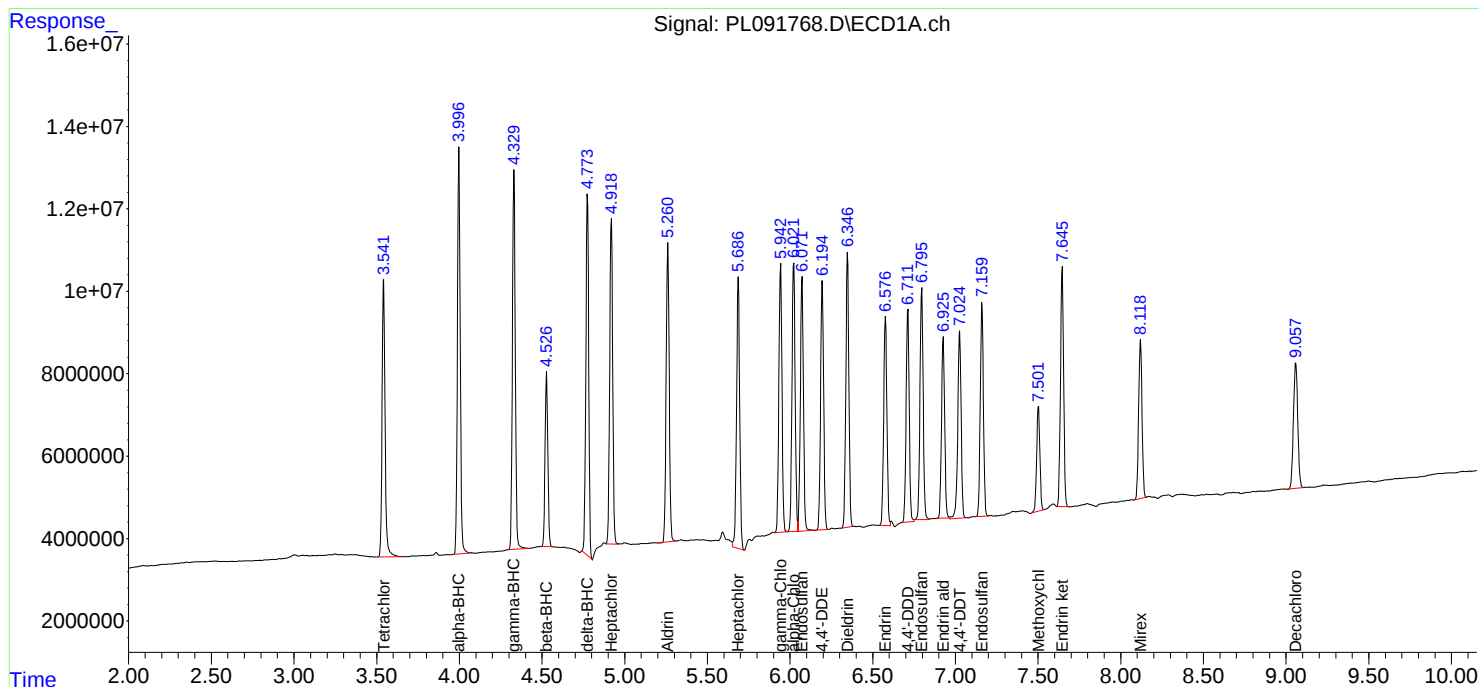
## APPROVED

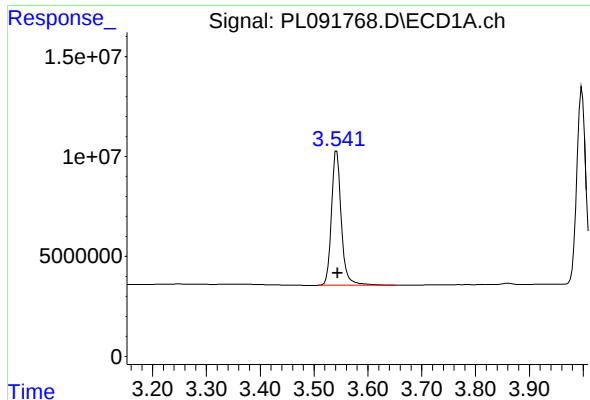
Reviewed By :Abdul Mirza 09/16/2024

Supervised By :Ankita Jodhani 09/16/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 16 02:03:29 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: 85304969  
Conc: 54.73 ng/ml

Instrument :

ECD\_L

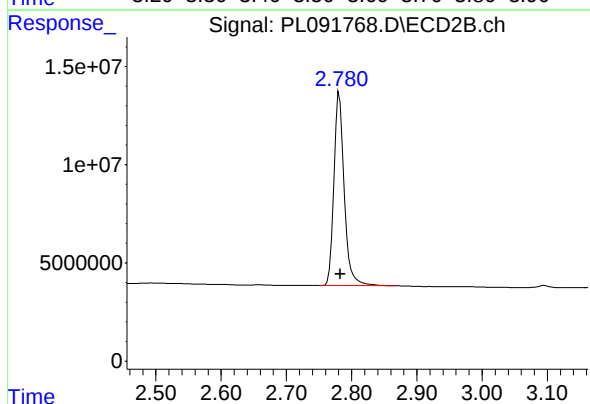
ClientSampleId :

PSTDCCC050

Manual Integrations

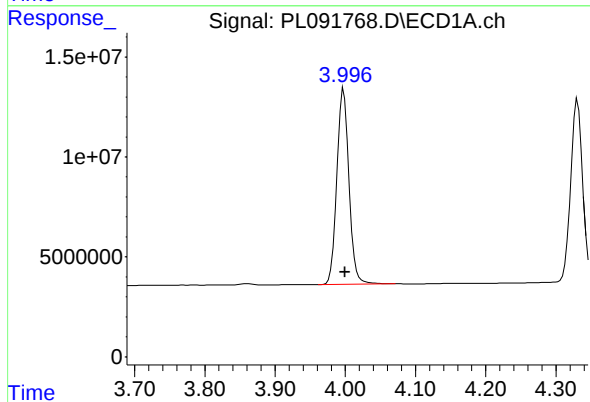
APPROVED

Reviewed By :Abdul Mirza 09/16/2024  
Supervised By :Ankita Jodhani 09/16/2024



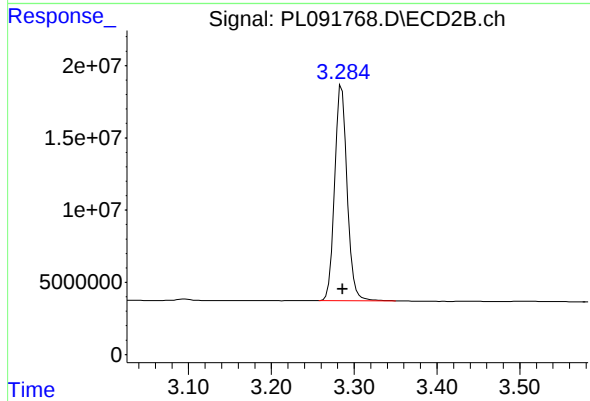
#1 Tetrachloro-m-xylene

R.T.: 2.781 min  
Delta R.T.: -0.001 min  
Response: 107931093  
Conc: 57.71 ng/ml



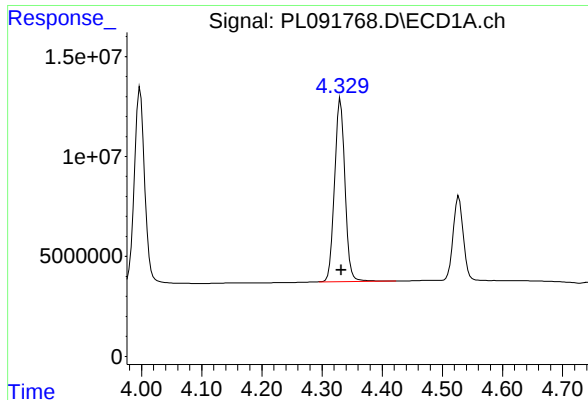
#2 alpha-BHC

R.T.: 3.998 min  
Delta R.T.: -0.002 min  
Response: 117063159  
Conc: 54.20 ng/ml



#2 alpha-BHC

R.T.: 3.285 min  
Delta R.T.: -0.001 min  
Response: 156249698  
Conc: 58.75 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.331 min  
Delta R.T.: -0.001 min  
Response: 110387155  
Conc: 53.70 ng/ml

Instrument :

ECD\_L

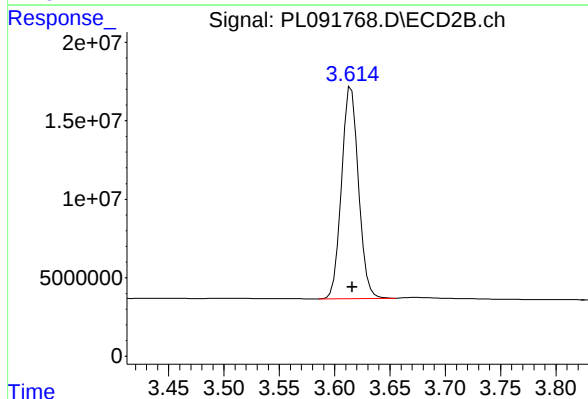
ClientSampleId :

PSTDCCC050

Manual Integrations

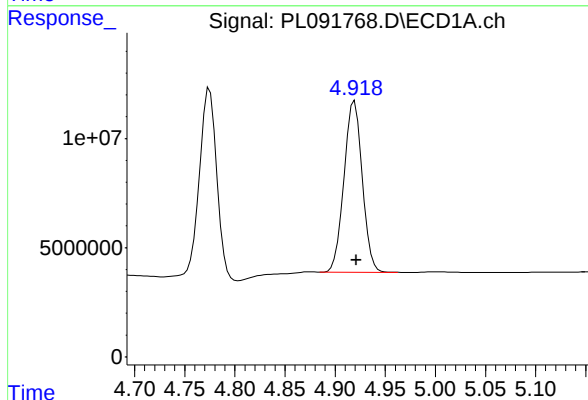
APPROVED

Reviewed By :Abdul Mirza 09/16/2024  
Supervised By :Ankita Jodhani 09/16/2024



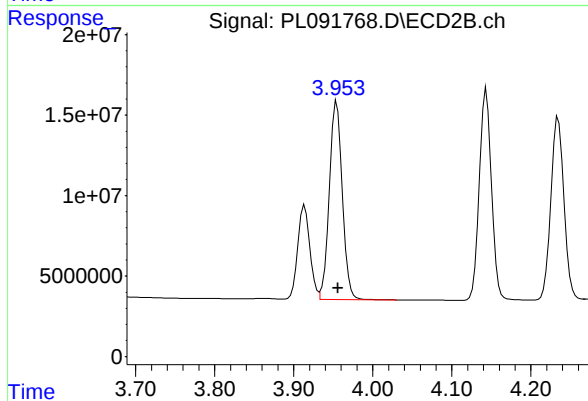
#3 gamma-BHC (Lindane)

R.T.: 3.615 min  
Delta R.T.: -0.001 min  
Response: 144231146  
Conc: 58.64 ng/ml



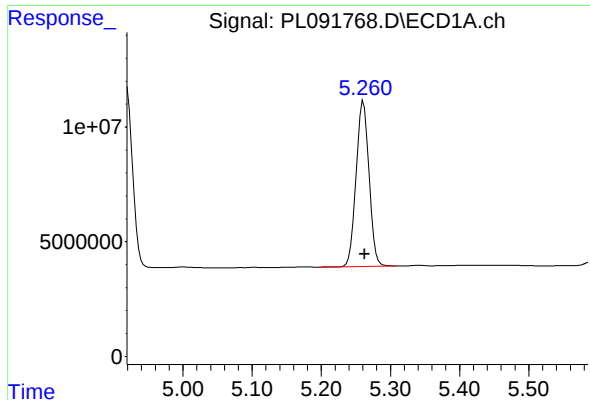
#4 Heptachlor

R.T.: 4.918 min  
Delta R.T.: -0.003 min  
Response: 99674410  
Conc: 53.22 ng/ml m



#4 Heptachlor

R.T.: 3.954 min  
Delta R.T.: -0.002 min  
Response: 140562168  
Conc: 58.37 ng/ml



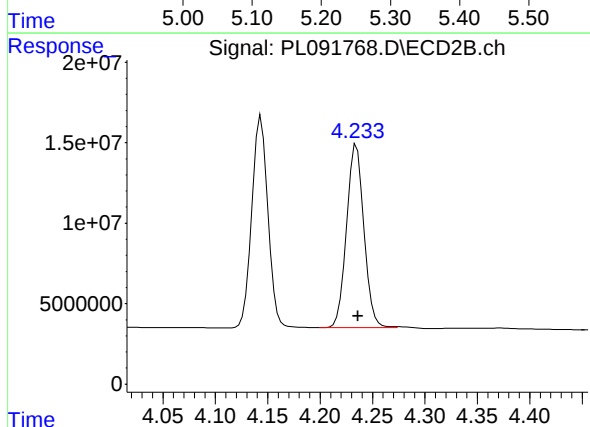
#5 Aldrin

R.T.: 5.261 min  
Delta R.T.: -0.002 min  
Response: 93696442  
Conc: 50.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

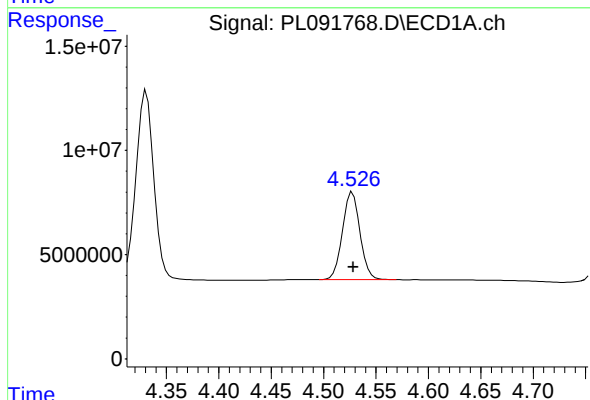
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/16/2024  
Supervised By :Ankita Jodhani 09/16/2024



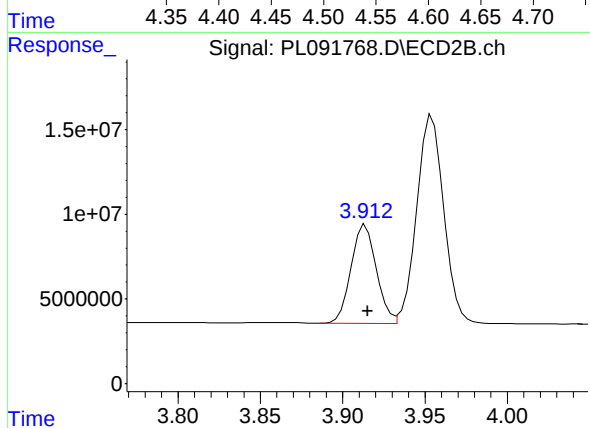
#5 Aldrin

R.T.: 4.233 min  
Delta R.T.: -0.003 min  
Response: 132247411  
Conc: 57.97 ng/ml



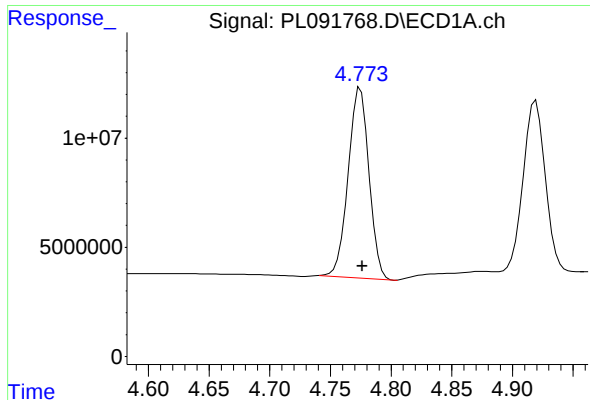
#6 beta-BHC

R.T.: 4.527 min  
Delta R.T.: -0.001 min  
Response: 48889624  
Conc: 53.72 ng/ml



#6 beta-BHC

R.T.: 3.914 min  
Delta R.T.: -0.001 min  
Response: 62368118  
Conc: 57.09 ng/ml



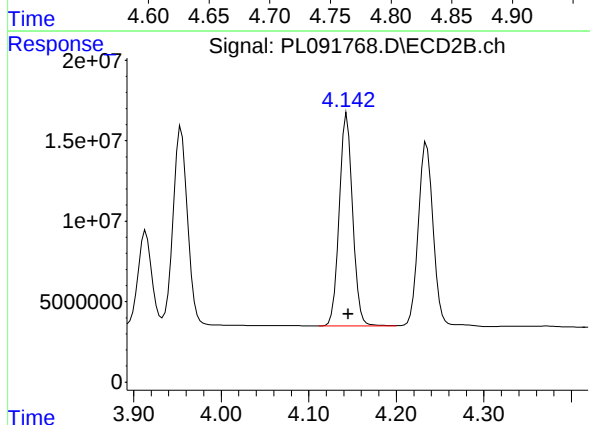
#7 delta-BHC

R.T.: 4.775 min  
Delta R.T.: -0.002 min  
Response: 104322455  
Conc: 54.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

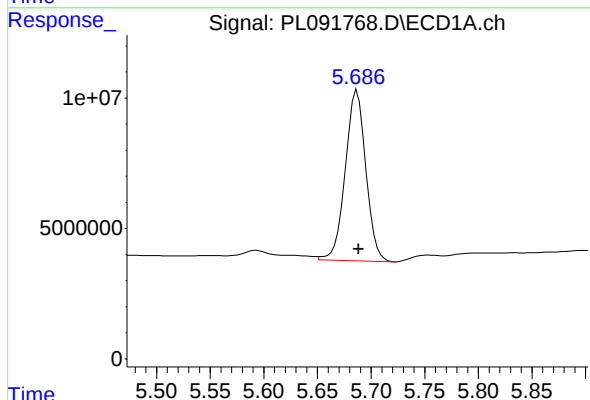
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/16/2024  
Supervised By :Ankita Jodhani 09/16/2024



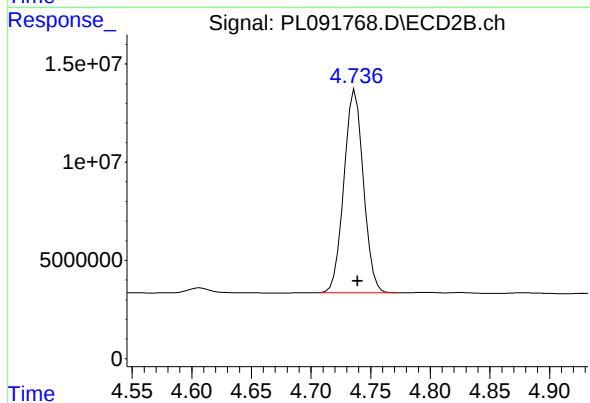
#7 delta-BHC

R.T.: 4.142 min  
Delta R.T.: -0.003 min  
Response: 140845849  
Conc: 61.22 ng/ml



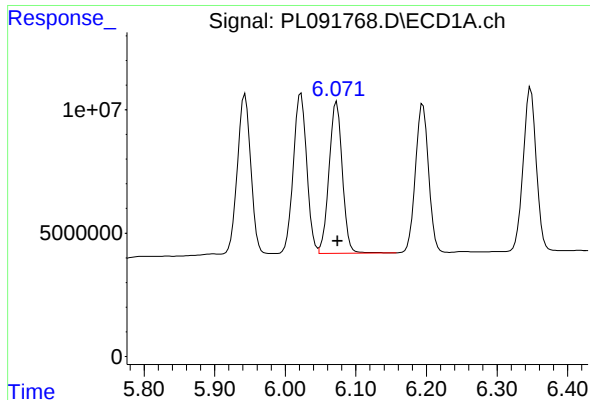
#8 Heptachlor epoxide

R.T.: 5.687 min  
Delta R.T.: -0.002 min  
Response: 87363279  
Conc: 52.35 ng/ml



#8 Heptachlor epoxide

R.T.: 4.737 min  
Delta R.T.: -0.002 min  
Response: 117137607  
Conc: 55.58 ng/ml



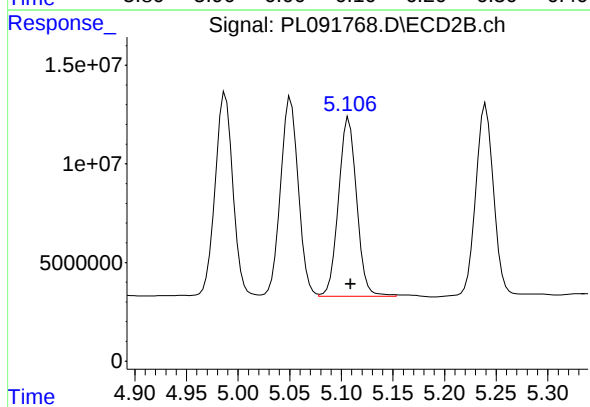
#9 Endosulfan I

R.T.: 6.073 min  
Delta R.T.: -0.001 min  
Response: 80581251  
Conc: 51.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

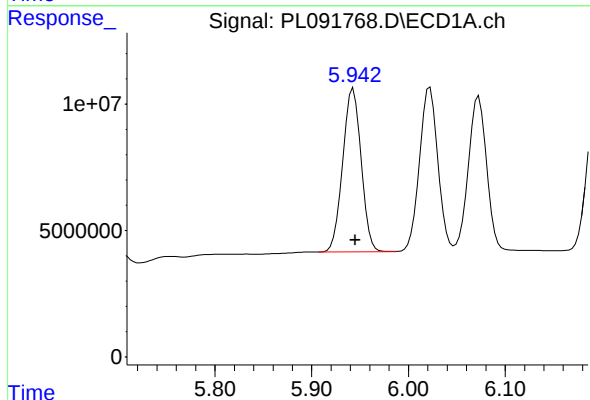
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/16/2024  
Supervised By :Ankita Jodhani 09/16/2024



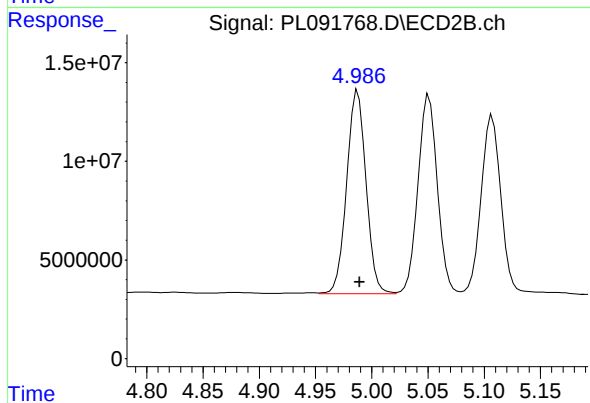
#9 Endosulfan I

R.T.: 5.106 min  
Delta R.T.: -0.003 min  
Response: 110971875  
Conc: 57.52 ng/ml



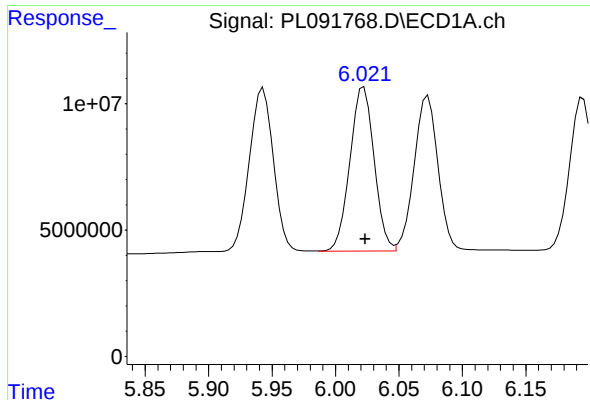
#10 gamma-Chlordane

R.T.: 5.943 min  
Delta R.T.: -0.002 min  
Response: 85347228  
Conc: 51.08 ng/ml



#10 gamma-Chlordane

R.T.: 4.988 min  
Delta R.T.: -0.002 min  
Response: 123715262  
Conc: 56.09 ng/ml



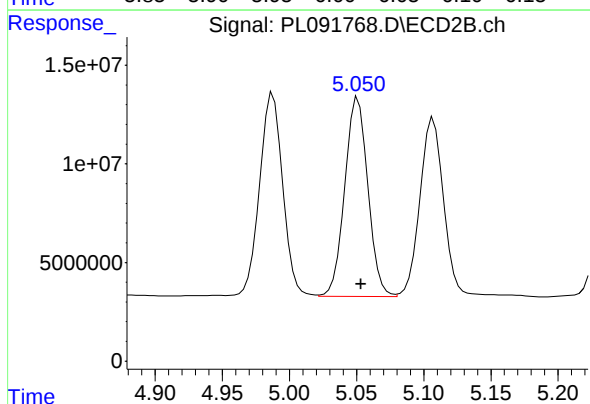
#11 alpha-Chlordane

R.T.: 6.022 min  
Delta R.T.: -0.001 min  
Response: 86107204  
Conc: 53.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

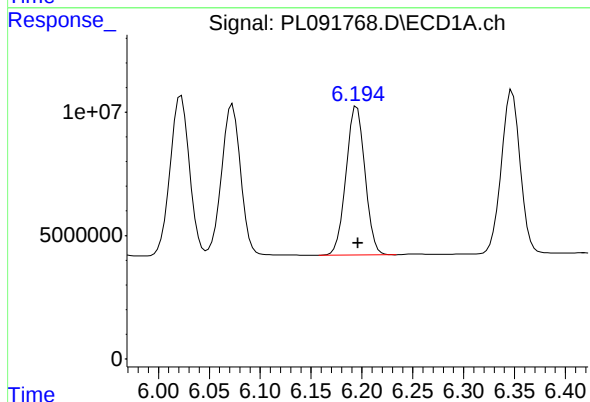
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/16/2024  
Supervised By :Ankita Jodhani 09/16/2024



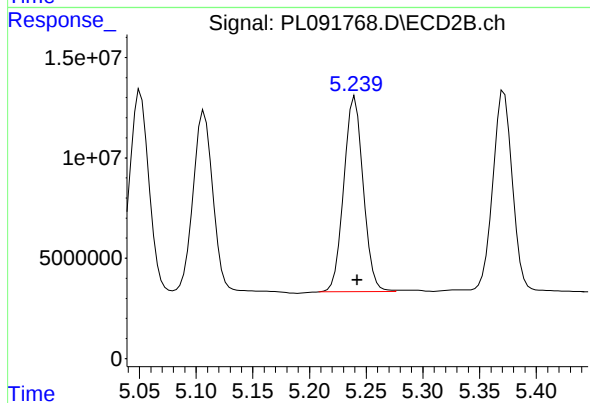
#11 alpha-Chlordane

R.T.: 5.051 min  
Delta R.T.: -0.002 min  
Response: 121545194  
Conc: 58.75 ng/ml



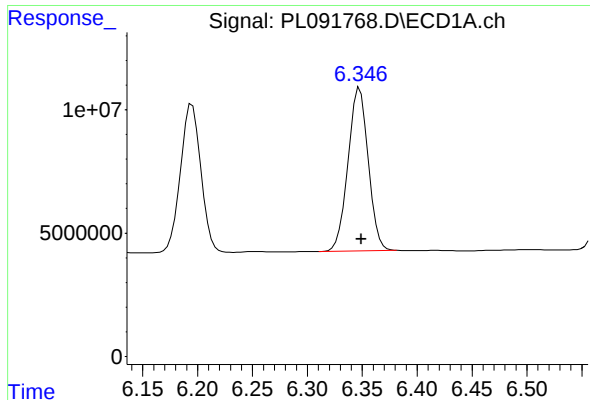
#12 4,4'-DDE

R.T.: 6.195 min  
Delta R.T.: -0.001 min  
Response: 78069389  
Conc: 53.52 ng/ml



#12 4,4'-DDE

R.T.: 5.239 min  
Delta R.T.: -0.003 min  
Response: 115705589  
Conc: 61.00 ng/ml m



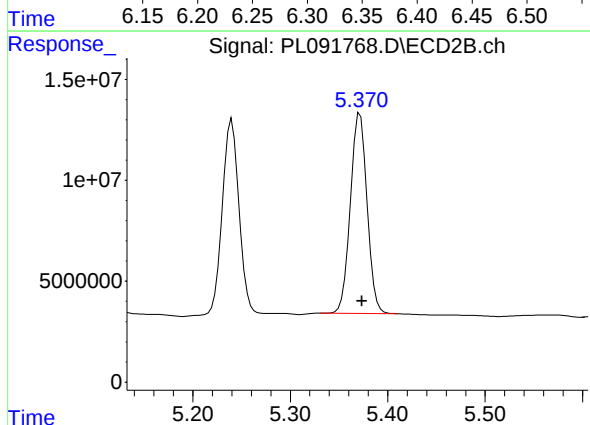
#13 Dieldrin

R.T.: 6.348 min  
Delta R.T.: -0.001 min  
Response: 84924452  
Conc: 52.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

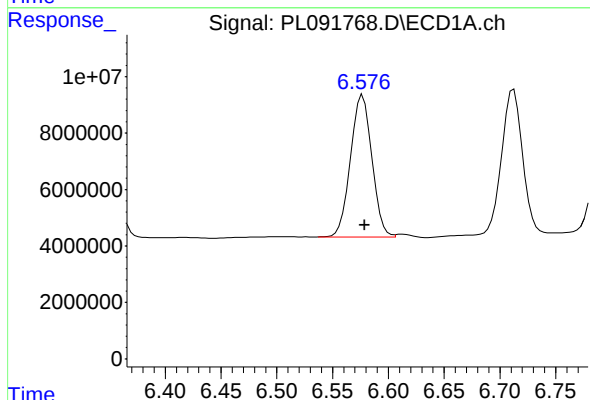
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/16/2024  
Supervised By :Ankita Jodhani 09/16/2024



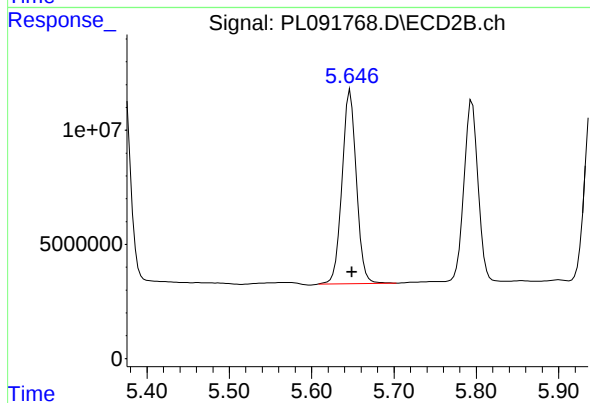
#13 Dieldrin

R.T.: 5.372 min  
Delta R.T.: -0.002 min  
Response: 117820408  
Conc: 57.32 ng/ml



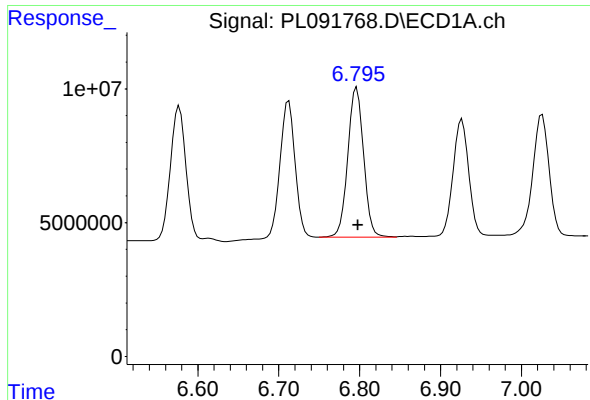
#14 Endrin

R.T.: 6.576 min  
Delta R.T.: -0.003 min  
Response: 67500679  
Conc: 50.76 ng/ml m



#14 Endrin

R.T.: 5.647 min  
Delta R.T.: -0.002 min  
Response: 102409269  
Conc: 54.27 ng/ml



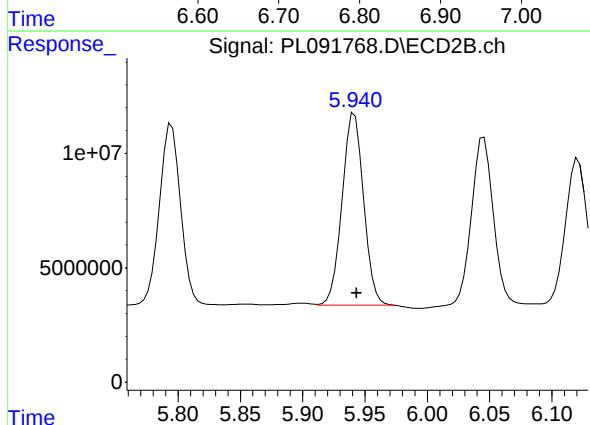
#15 Endosulfan II

R.T.: 6.795 min  
Delta R.T.: -0.003 min  
Response: 75841013  
Conc: 48.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

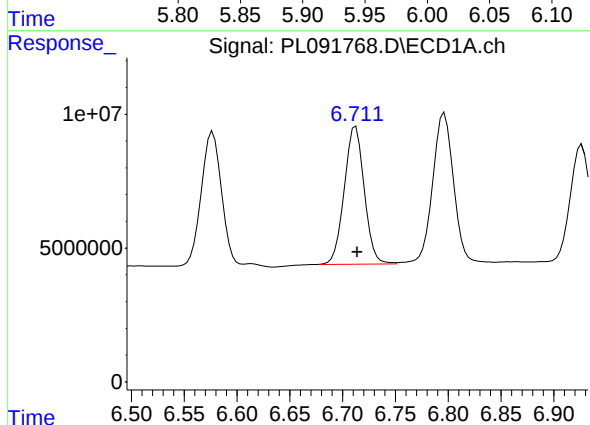
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/16/2024  
Supervised By :Ankita Jodhani 09/16/2024



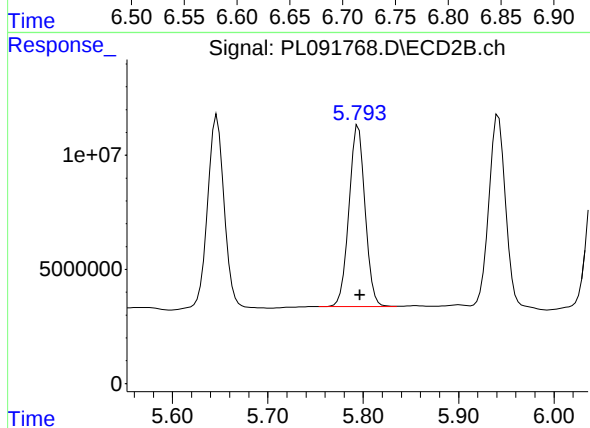
#15 Endosulfan II

R.T.: 5.940 min  
Delta R.T.: -0.003 min  
Response: 100560672  
Conc: 56.85 ng/ml m



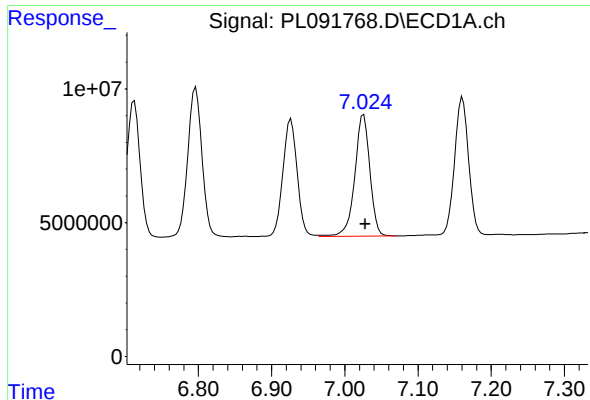
#16 4,4'-DDD

R.T.: 6.712 min  
Delta R.T.: -0.002 min  
Response: 67589105  
Conc: 53.32 ng/ml



#16 4,4'-DDD

R.T.: 5.793 min  
Delta R.T.: -0.003 min  
Response: 94098121  
Conc: 56.15 ng/ml m



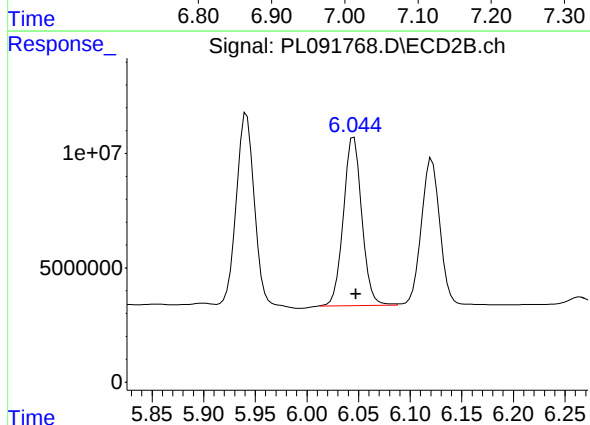
#17 4,4'-DDT

R.T.: 7.026 min  
Delta R.T.: -0.002 min  
Response: 65182586  
Conc: 49.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

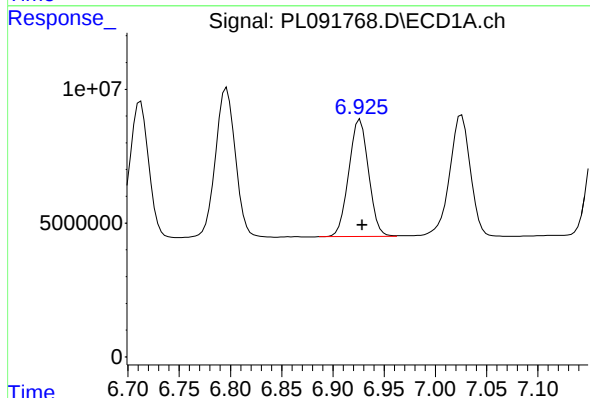
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/16/2024  
Supervised By :Ankita Jodhani 09/16/2024



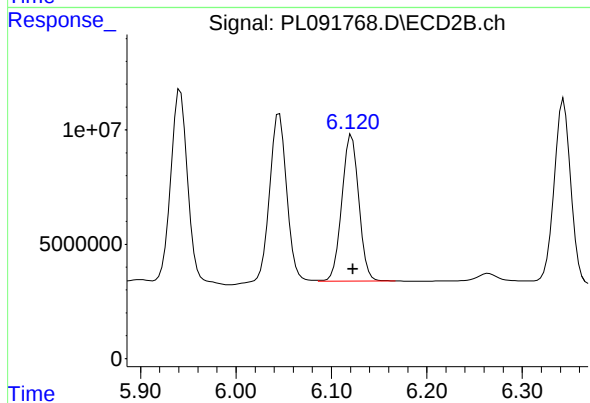
#17 4,4'-DDT

R.T.: 6.045 min  
Delta R.T.: -0.002 min  
Response: 91414719  
Conc: 56.89 ng/ml



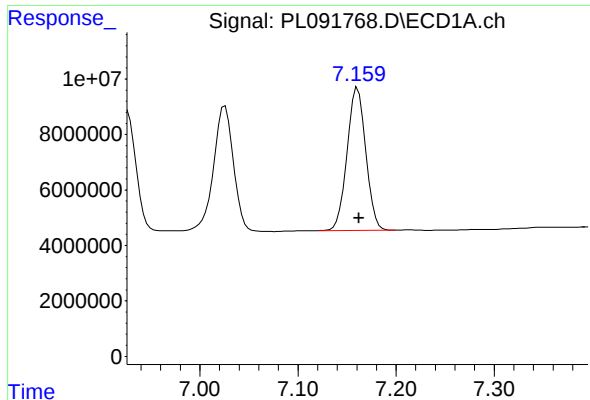
#18 Endrin aldehyde

R.T.: 6.925 min  
Delta R.T.: -0.004 min  
Response: 58672094  
Conc: 49.38 ng/ml m



#18 Endrin aldehyde

R.T.: 6.120 min  
Delta R.T.: -0.003 min  
Response: 79245083  
Conc: 57.97 ng/ml m



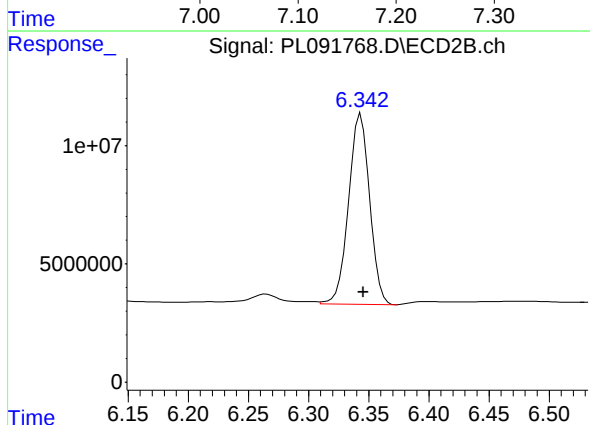
#19 Endosulfan Sulfate

R.T.: 7.161 min  
Delta R.T.: -0.002 min  
Response: 68234273  
Conc: 48.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

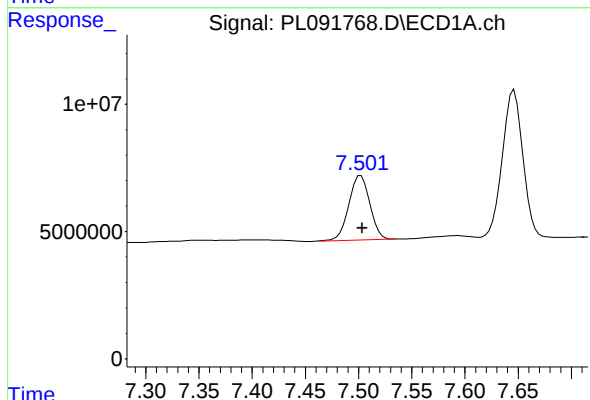
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/16/2024  
Supervised By :Ankita Jodhani 09/16/2024



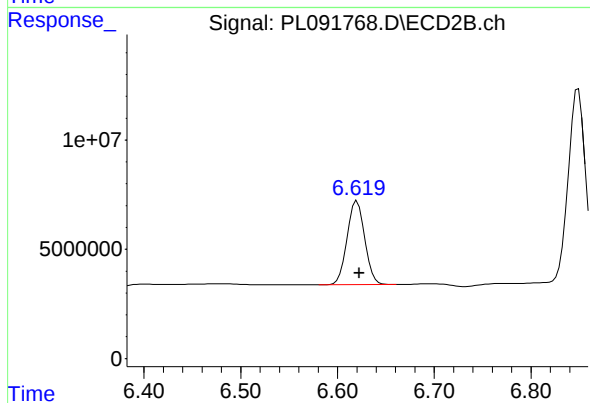
#19 Endosulfan Sulfate

R.T.: 6.344 min  
Delta R.T.: -0.002 min  
Response: 98233455  
Conc: 57.24 ng/ml



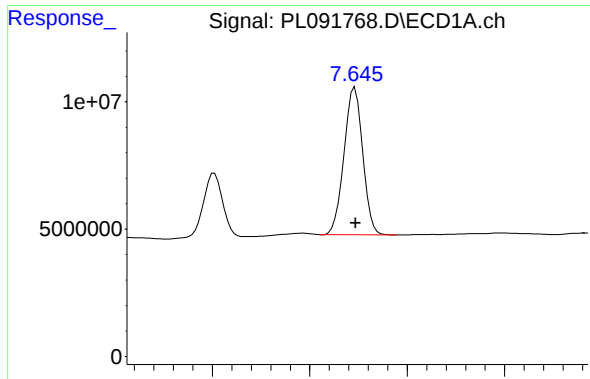
#20 Methoxychlor

R.T.: 7.502 min  
Delta R.T.: -0.001 min  
Response: 34504667  
Conc: 51.01 ng/ml



#20 Methoxychlor

R.T.: 6.620 min  
Delta R.T.: -0.002 min  
Response: 48368280  
Conc: 54.61 ng/ml



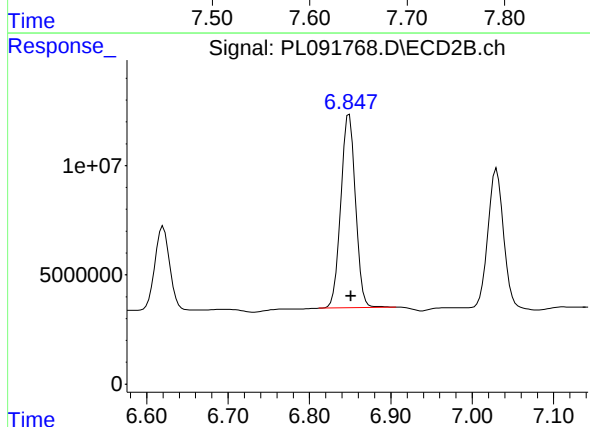
#21 Endrin ketone

R.T.: 7.646 min  
Delta R.T.: 0.000 min  
Response: 77132228  
Conc: 49.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

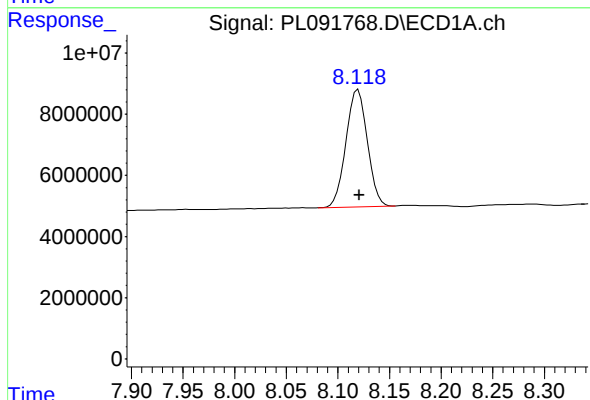
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/16/2024  
Supervised By :Ankita Jodhani 09/16/2024



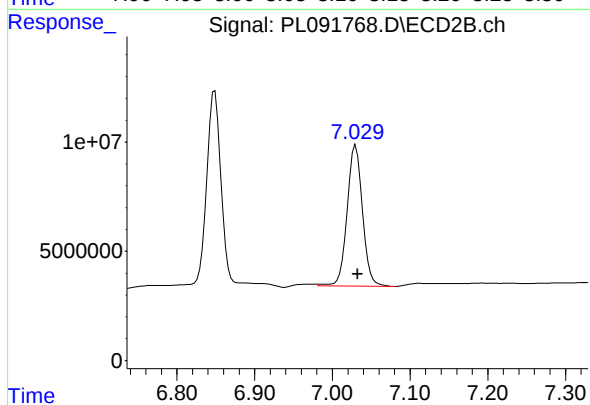
#21 Endrin ketone

R.T.: 6.849 min  
Delta R.T.: -0.002 min  
Response: 111068503  
Conc: 55.22 ng/ml



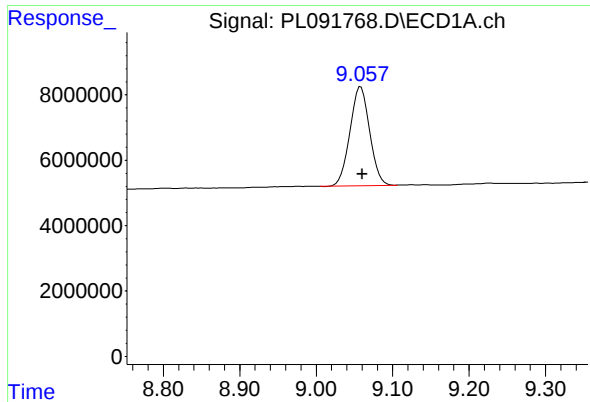
#22 Mirex

R.T.: 8.120 min  
Delta R.T.: -0.001 min  
Response: 55245589  
Conc: 46.14 ng/ml



#22 Mirex

R.T.: 7.030 min  
Delta R.T.: -0.003 min  
Response: 88065311  
Conc: 49.66 ng/ml



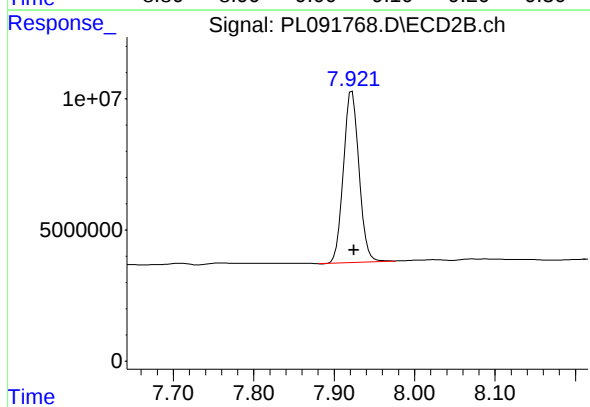
#28 Decachlorobiphenyl

R.T.: 9.058 min  
Delta R.T.: -0.002 min  
Response: 54608833  
Conc: 44.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/16/2024  
Supervised By :Ankita Jodhani 09/16/2024



#28 Decachlorobiphenyl

R.T.: 7.922 min  
Delta R.T.: -0.002 min  
Response: 87736524  
Conc: 47.51 ng/ml