

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090724\  
 Data File : PL091540.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Sep 2024 16:08  
 Operator : AR\AJ  
 Sample : P3836-01MS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 DN-B-38(B-8)MS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 09/06/2024  
 Supervised By :Ankita Jodhani 09/06/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 06 06:45:30 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081324.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 14 13:09:19 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 | 2.783 | 40707386 | 40997756 | 18.959m | 21.003  |
| 28) SA Decachlor...         | 9.055 | 7.922 | 25932856 | 31452372 | 17.010  | 16.605  |
| Target Compounds            |       |       |          |          |         |         |
| 2) A alpha-BHC              | 3.999 | 3.286 | 151.2E6  | 170.4E6  | 50.431  | 61.441  |
| 3) MA gamma-BHC...          | 4.332 | 3.616 | 140.6E6  | 157.9E6  | 49.014  | 59.936  |
| 4) MA Heptachlor            | 4.919 | 3.956 | 130.0E6  | 149.5E6  | 48.800m | 57.868  |
| 5) MB Aldrin                | 5.262 | 4.236 | 123.9E6  | 141.3E6  | 47.990  | 57.440  |
| 6) B beta-BHC               | 4.528 | 3.915 | 65245446 | 67243958 | 48.246  | 57.128  |
| 7) B delta-BHC              | 4.775 | 4.145 | 136.4E6  | 147.0E6  | 50.106  | 58.016  |
| 8) B Heptachlo...           | 5.688 | 4.739 | 121.8E6  | 124.0E6  | 49.787  | 54.978  |
| 9) A Endosulfan I           | 6.072 | 5.107 | 106.2E6  | 111.7E6  | 47.285m | 52.940m |
| 10) B gamma-Chl...          | 5.942 | 4.989 | 115.6E6  | 131.1E6  | 47.859m | 55.454  |
| 11) B alpha-Chl...          | 6.022 | 5.052 | 115.2E6  | 130.7E6  | 47.844m | 55.569  |
| 12) B 4,4'-DDE              | 6.195 | 5.241 | 102.6E6  | 119.8E6  | 49.041  | 57.319  |
| 13) MA Dieldrin             | 6.348 | 5.373 | 110.3E6  | 124.1E6  | 46.825  | 54.495  |
| 14) MA Endrin               | 6.576 | 5.647 | 96813107 | 108.6E6  | 49.923m | 53.321m |
| 15) B Endosulfa...          | 6.797 | 5.942 | 97523826 | 103.1E6  | 48.192  | 53.285  |
| 16) A 4,4'-DDD              | 6.711 | 5.794 | 93210996 | 94646201 | 61.673m | 57.334m |
| 17) MA 4,4'-DDT             | 7.025 | 6.046 | 89699990 | 92822447 | 50.533m | 52.253  |
| 18) B Endrin al...          | 6.926 | 6.121 | 75605540 | 78162160 | 47.360  | 50.178  |
| 19) B Endosulfa...          | 7.161 | 6.344 | 93192951 | 99430665 | 48.572  | 51.572  |
| 20) A Methoxychlor          | 7.501 | 6.620 | 47210562 | 49237657 | 50.210  | 49.586m |
| 21) B Endrin ke...          | 7.646 | 6.850 | 102.2E6  | 107.5E6  | 48.696  | 49.372  |
| 22) Mirex                   | 8.119 | 7.031 | 80019326 | 88791242 | 47.038  | 47.573  |
| -----                       |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090724\  
Data File : PL091540.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Sep 2024 16:08  
Operator : AR\AJ  
Sample : P3836-01MS  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

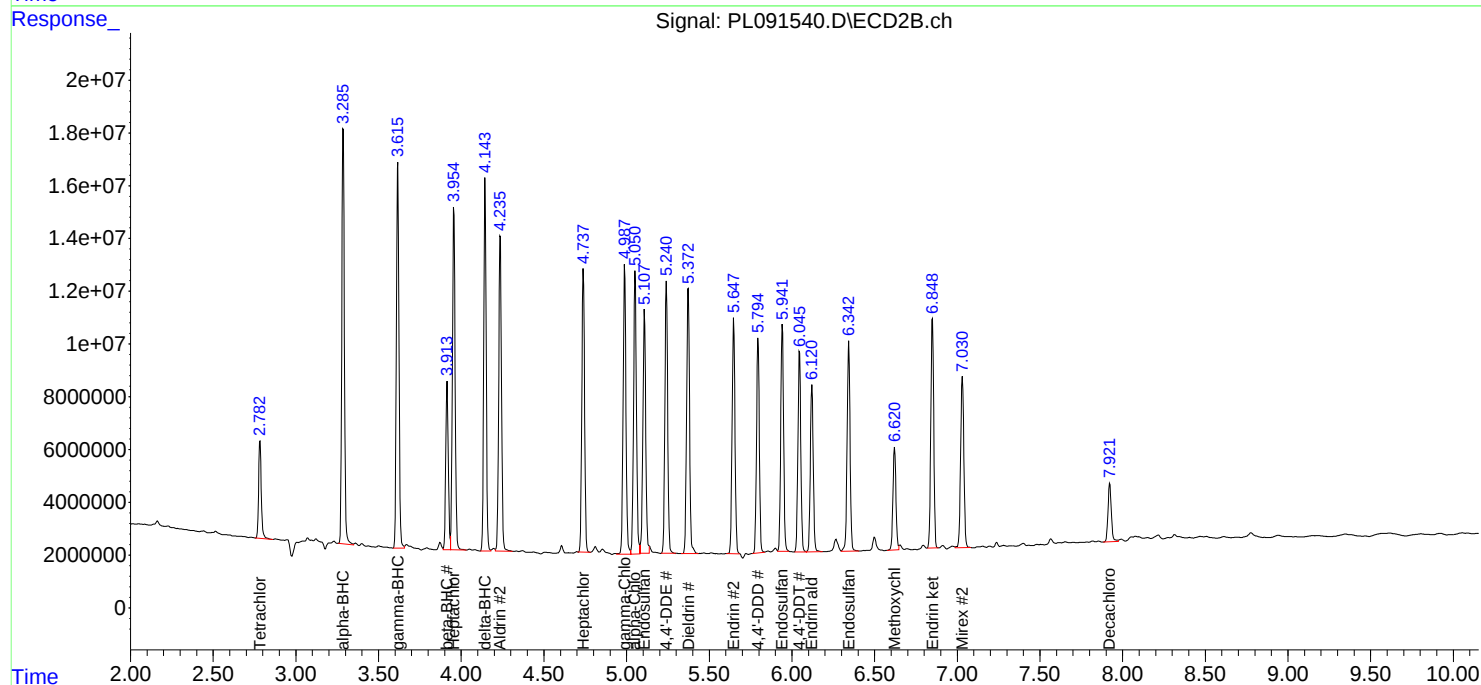
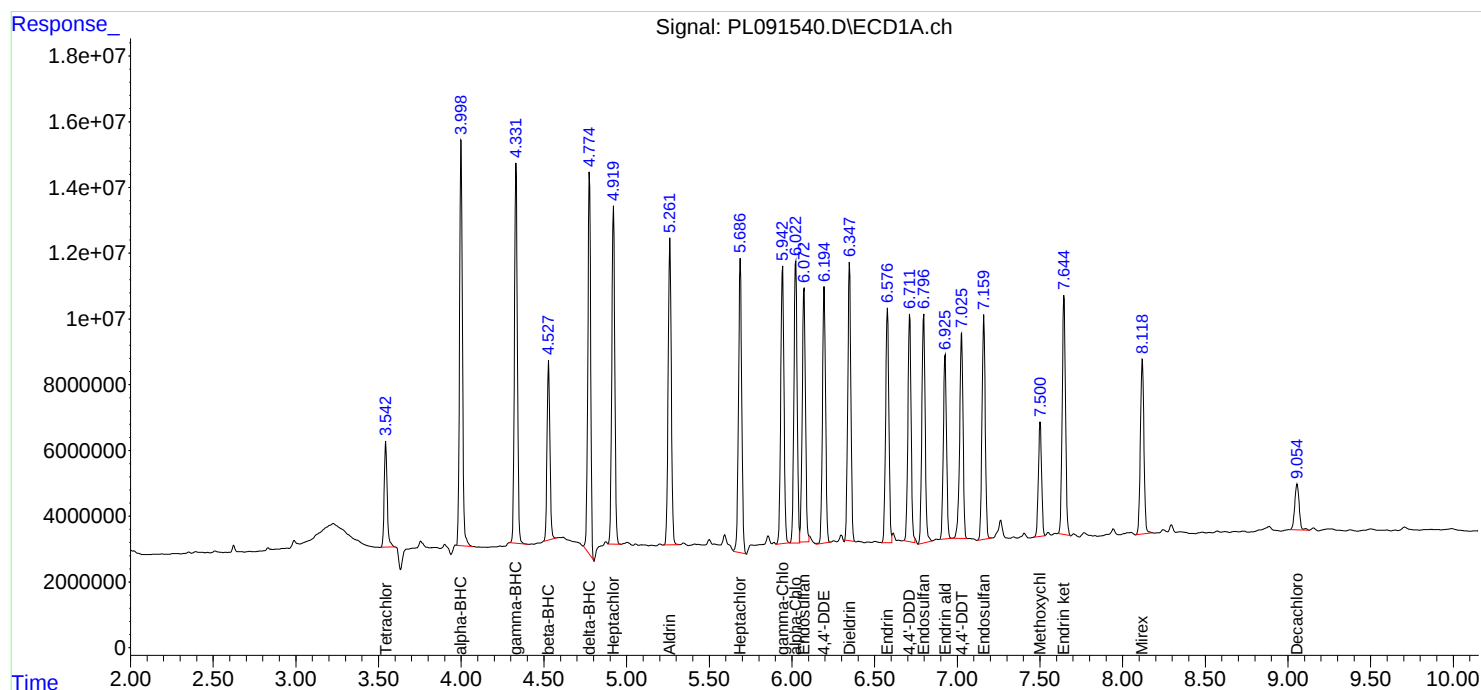
Instrument :  
ECD\_L  
ClientSampleId :  
DN-B-38(B-8)MS

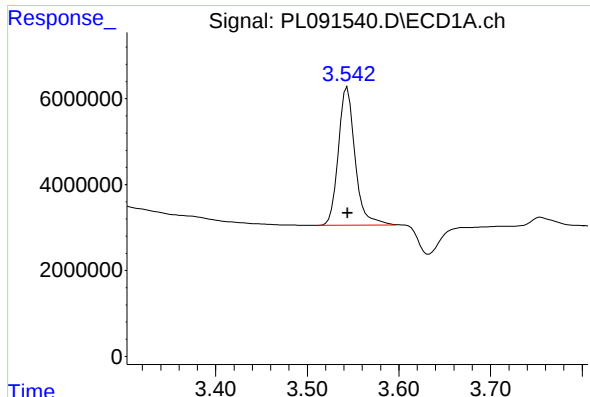
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/06/2024  
Supervised By :Ankita Jodhani 09/06/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 06 06:45:30 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081324.M  
Quant Title : GC Extractables  
QLast Update : Wed Aug 14 13:09:19 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





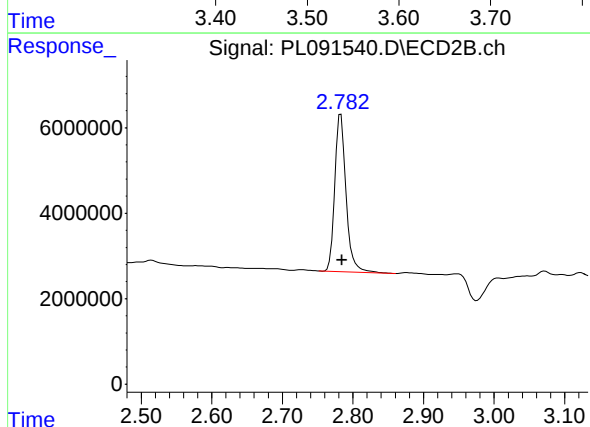
#1 Tetrachloro-m-xylene

R.T.: 3.542 min  
Delta R.T.: -0.002 min  
Response: 40707386  
Conc: 18.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DN-B-38(B-8)MS

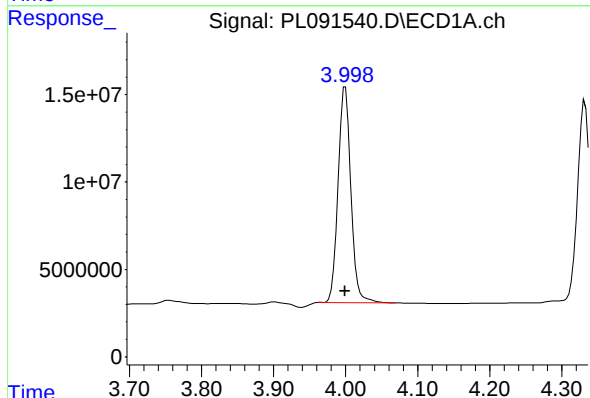
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/06/2024  
Supervised By :Ankita Jodhani 09/06/2024



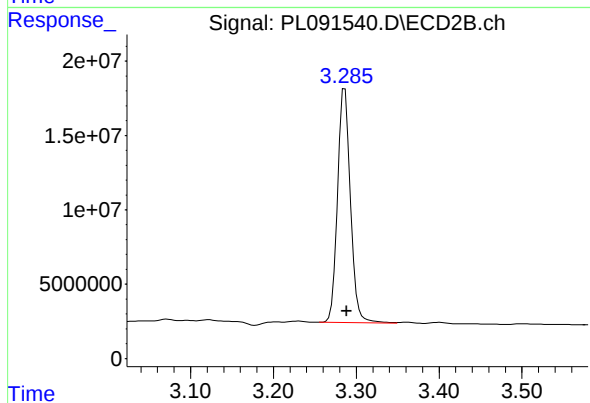
#1 Tetrachloro-m-xylene

R.T.: 2.783 min  
Delta R.T.: -0.002 min  
Response: 40997756  
Conc: 21.00 ng/ml



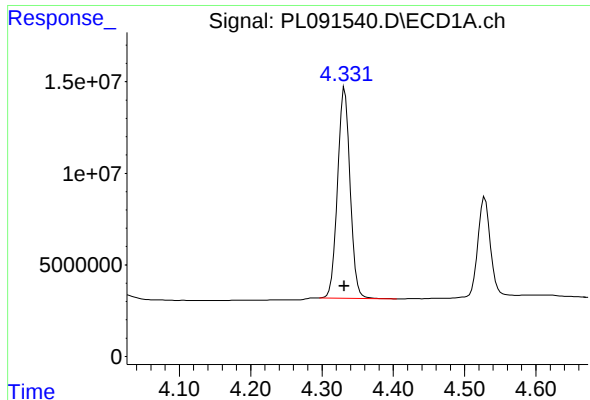
#2 alpha-BHC

R.T.: 3.999 min  
Delta R.T.: 0.000 min  
Response: 151182606  
Conc: 50.43 ng/ml



#2 alpha-BHC

R.T.: 3.286 min  
Delta R.T.: -0.002 min  
Response: 170403770  
Conc: 61.44 ng/ml



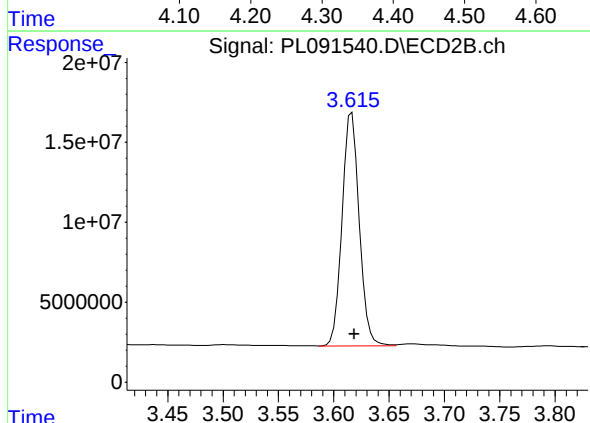
#3 gamma-BHC (Lindane)

R.T.: 4.332 min  
Delta R.T.: 0.000 min  
Response: 140603923  
Conc: 49.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DN-B-38(B-8)MS

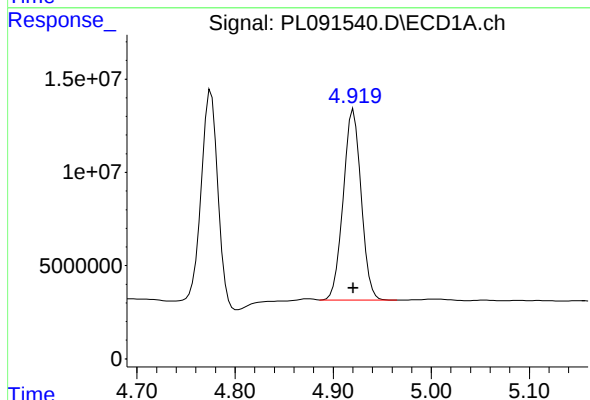
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/06/2024  
Supervised By :Ankita Jodhani 09/06/2024



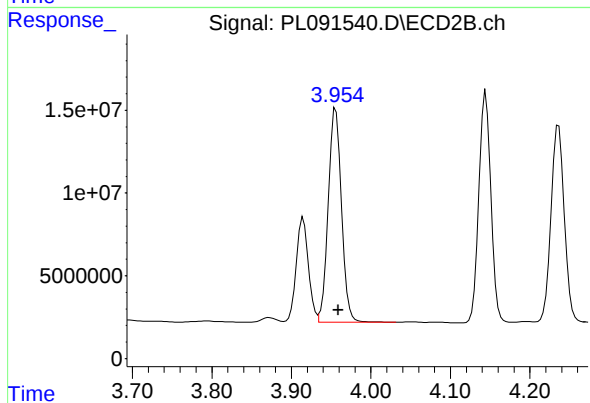
#3 gamma-BHC (Lindane)

R.T.: 3.616 min  
Delta R.T.: -0.002 min  
Response: 157866676  
Conc: 59.94 ng/ml



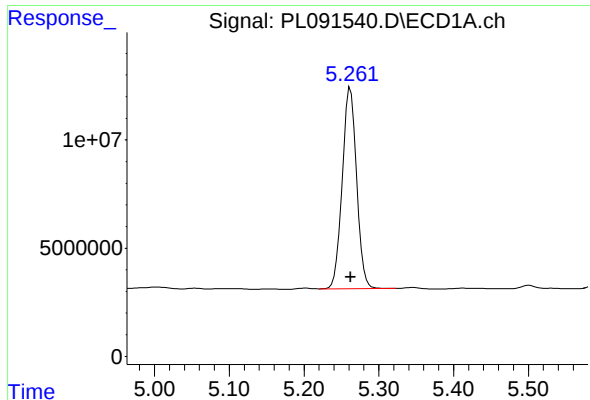
#4 Heptachlor

R.T.: 4.919 min  
Delta R.T.: -0.001 min  
Response: 129955012  
Conc: 48.80 ng/ml m



#4 Heptachlor

R.T.: 3.956 min  
Delta R.T.: -0.003 min  
Response: 149455674  
Conc: 57.87 ng/ml



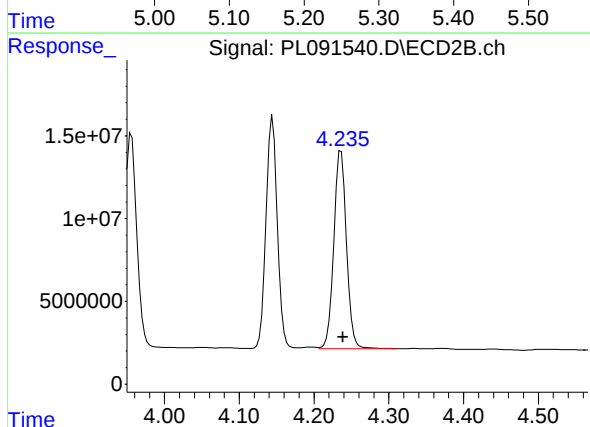
#5 Aldrin

R.T.: 5.262 min  
Delta R.T.: 0.000 min  
Response: 123856397  
Conc: 47.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DN-B-38(B-8)MS

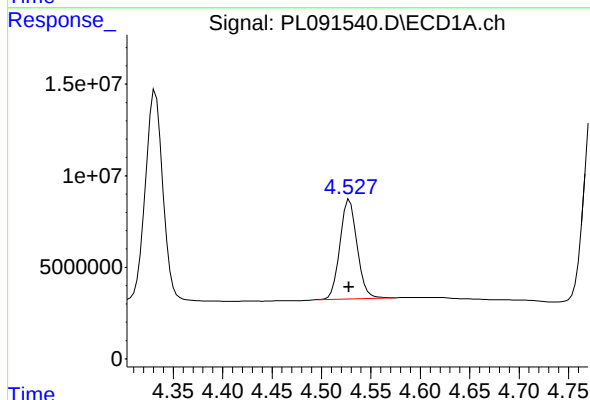
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/06/2024  
Supervised By :Ankita Jodhani 09/06/2024



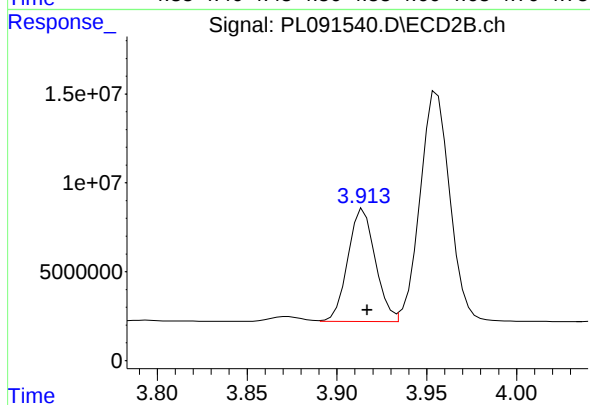
#5 Aldrin

R.T.: 4.236 min  
Delta R.T.: -0.003 min  
Response: 141255477  
Conc: 57.44 ng/ml



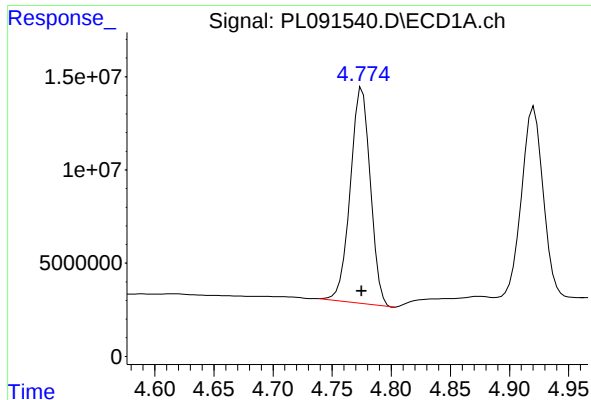
#6 beta-BHC

R.T.: 4.528 min  
Delta R.T.: 0.000 min  
Response: 65245446  
Conc: 48.25 ng/ml



#6 beta-BHC

R.T.: 3.915 min  
Delta R.T.: -0.002 min  
Response: 67243958  
Conc: 57.13 ng/ml



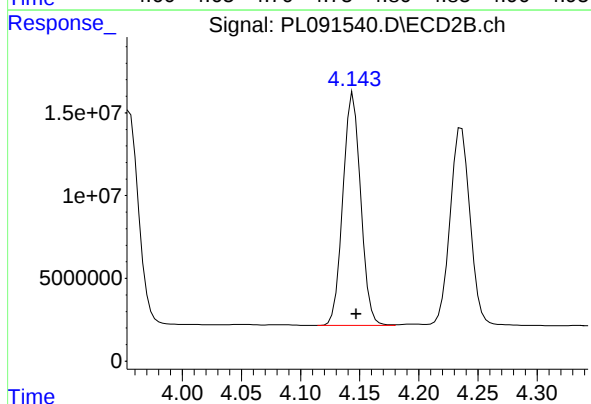
#7 delta-BHC

R.T.: 4.775 min  
Delta R.T.: 0.000 min  
Response: 136413650  
Conc: 50.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DN-B-38(B-8)MS

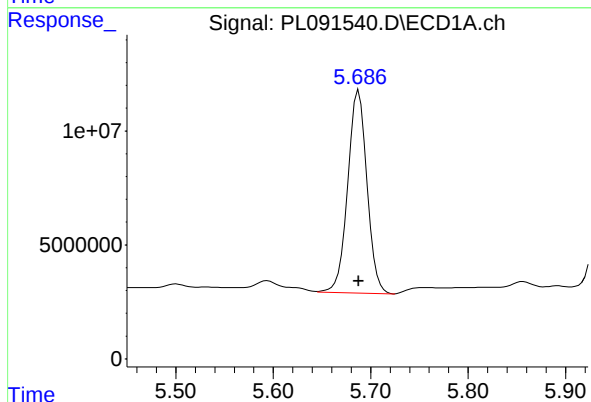
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/06/2024  
Supervised By :Ankita Jodhani 09/06/2024



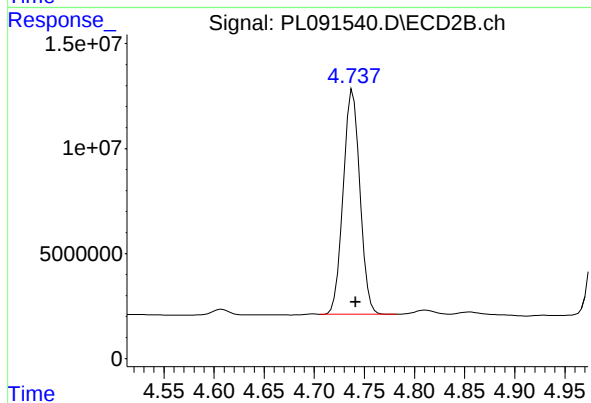
#7 delta-BHC

R.T.: 4.145 min  
Delta R.T.: -0.002 min  
Response: 147025406  
Conc: 58.02 ng/ml



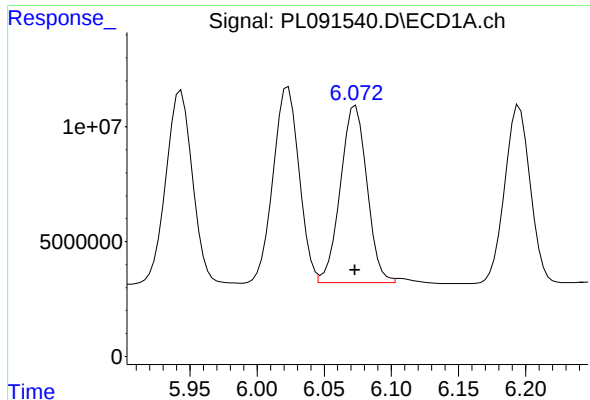
#8 Heptachlor epoxide

R.T.: 5.688 min  
Delta R.T.: 0.000 min  
Response: 121805453  
Conc: 49.79 ng/ml



#8 Heptachlor epoxide

R.T.: 4.739 min  
Delta R.T.: -0.003 min  
Response: 123966795  
Conc: 54.98 ng/ml



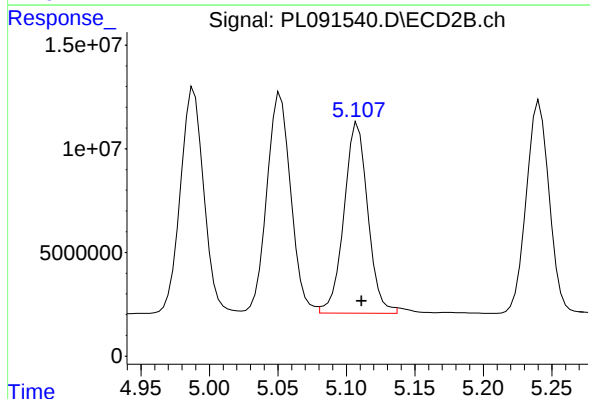
#9 Endosulfan I

R.T.: 6.072 min  
Delta R.T.: 0.000 min  
Response: 106170122  
Conc: 47.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DN-B-38(B-8)MS

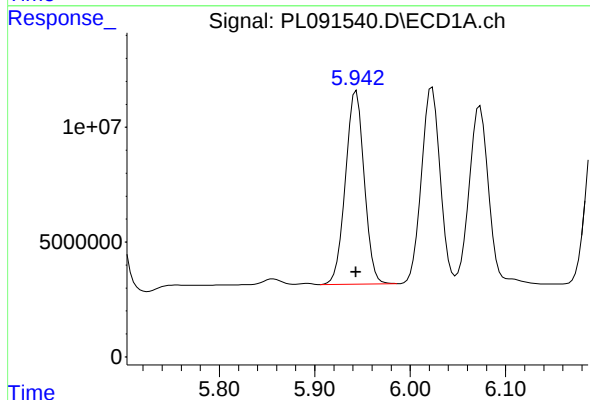
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/06/2024  
Supervised By :Ankita Jodhani 09/06/2024



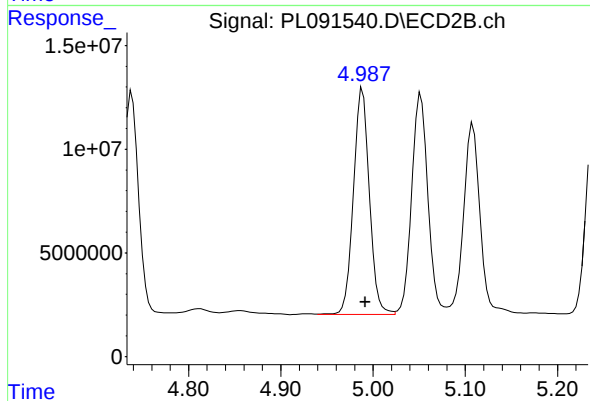
#9 Endosulfan I

R.T.: 5.107 min  
Delta R.T.: -0.004 min  
Response: 111712352  
Conc: 52.94 ng/ml m



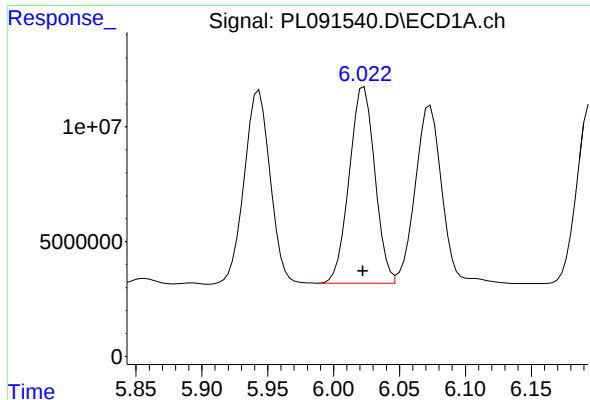
#10 gamma-Chlordane

R.T.: 5.942 min  
Delta R.T.: -0.001 min  
Response: 115647816  
Conc: 47.86 ng/ml m



#10 gamma-Chlordane

R.T.: 4.989 min  
Delta R.T.: -0.003 min  
Response: 131089849  
Conc: 55.45 ng/ml



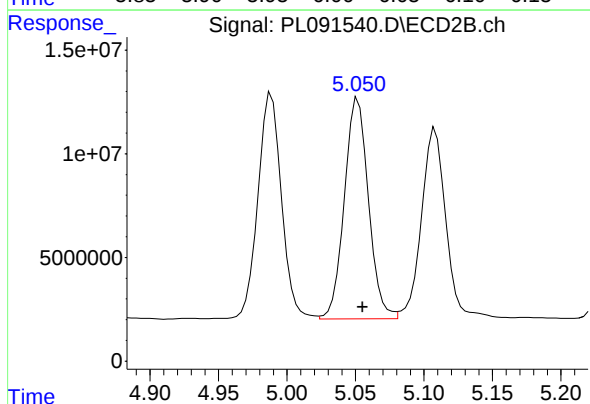
#11 alpha-Chlordane

R.T.: 6.022 min  
Delta R.T.: 0.000 min  
Response: 115195577  
Conc: 47.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DN-B-38(B-8)MS

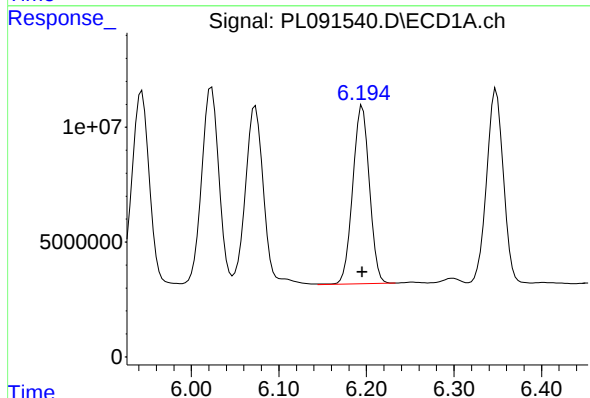
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/06/2024  
Supervised By :Ankita Jodhani 09/06/2024



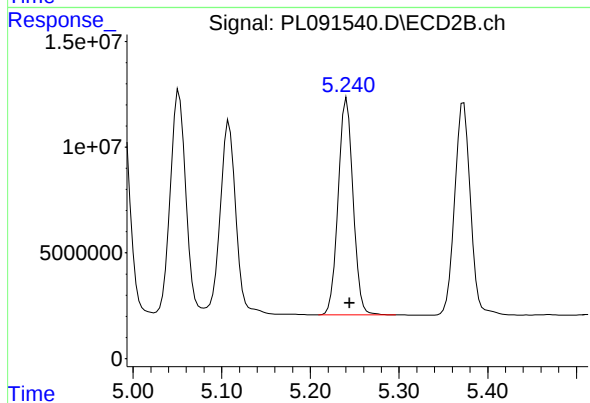
#11 alpha-Chlordane

R.T.: 5.052 min  
Delta R.T.: -0.003 min  
Response: 130730299  
Conc: 55.57 ng/ml



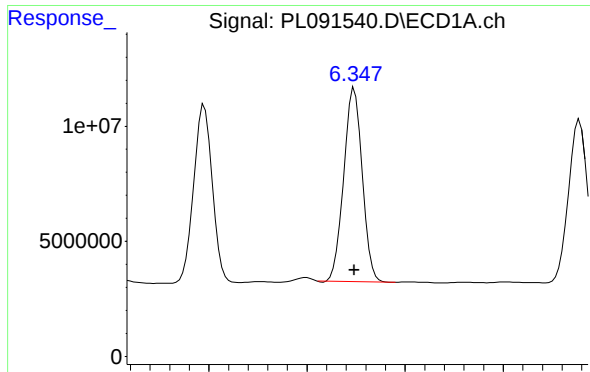
#12 4,4'-DDE

R.T.: 6.195 min  
Delta R.T.: 0.000 min  
Response: 102598848  
Conc: 49.04 ng/ml



#12 4,4'-DDE

R.T.: 5.241 min  
Delta R.T.: -0.004 min  
Response: 119763537  
Conc: 57.32 ng/ml



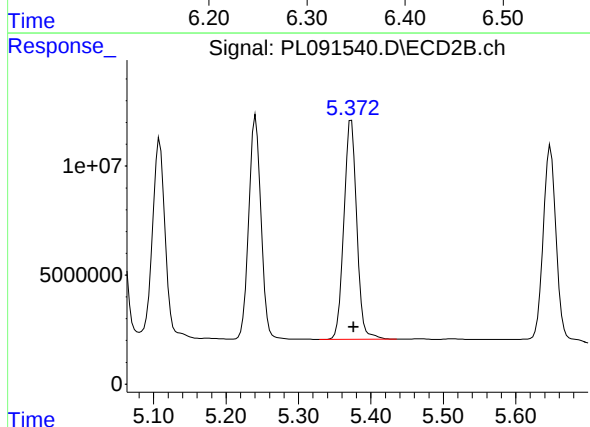
#13 Dieldrin

R.T.: 6.348 min  
Delta R.T.: 0.000 min  
Response: 110283620  
Conc: 46.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DN-B-38(B-8)MS

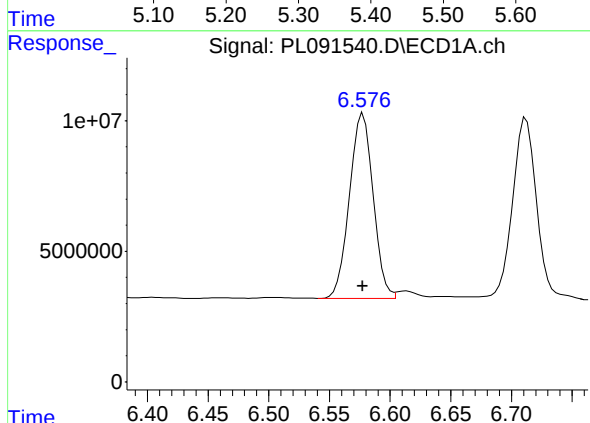
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/06/2024  
Supervised By :Ankita Jodhani 09/06/2024



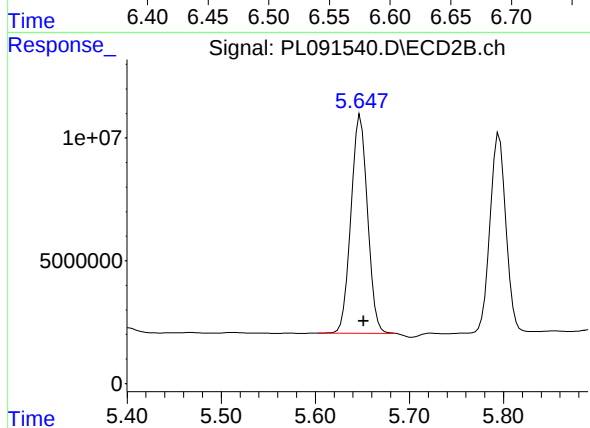
#13 Dieldrin

R.T.: 5.373 min  
Delta R.T.: -0.003 min  
Response: 124113989  
Conc: 54.49 ng/ml



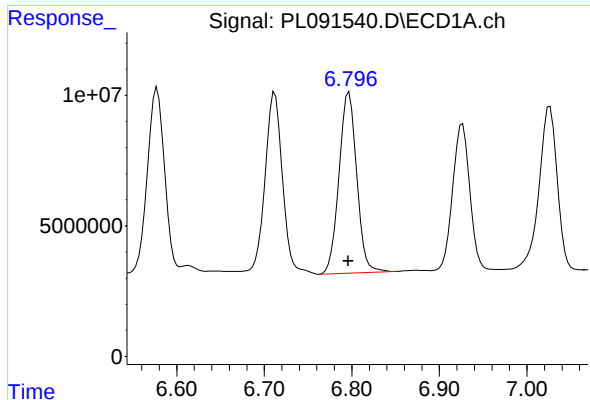
#14 Endrin

R.T.: 6.576 min  
Delta R.T.: 0.000 min  
Response: 96813107  
Conc: 49.92 ng/ml m



#14 Endrin

R.T.: 5.647 min  
Delta R.T.: -0.005 min  
Response: 108623379  
Conc: 53.32 ng/ml m



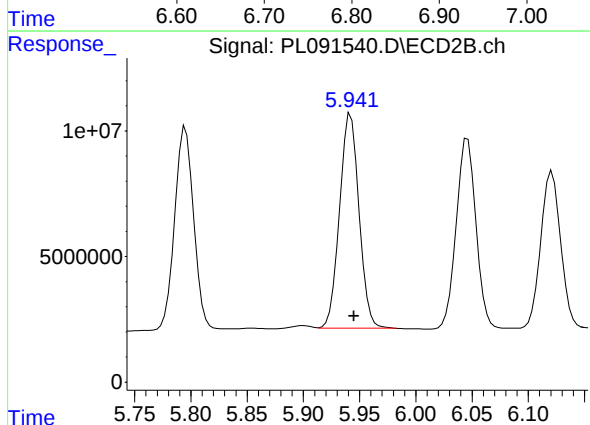
#15 Endosulfan II

R.T.: 6.797 min  
Delta R.T.: 0.000 min  
Response: 97523826  
Conc: 48.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DN-B-38(B-8)MS

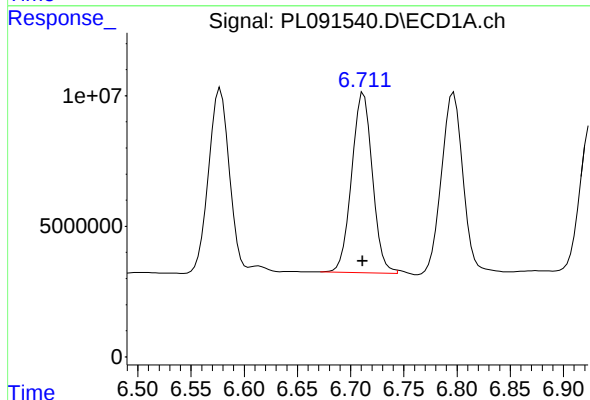
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/06/2024  
Supervised By :Ankita Jodhani 09/06/2024



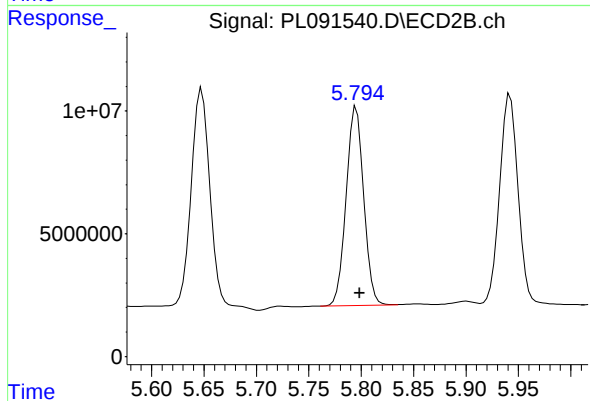
#15 Endosulfan II

R.T.: 5.942 min  
Delta R.T.: -0.003 min  
Response: 103089547  
Conc: 53.28 ng/ml



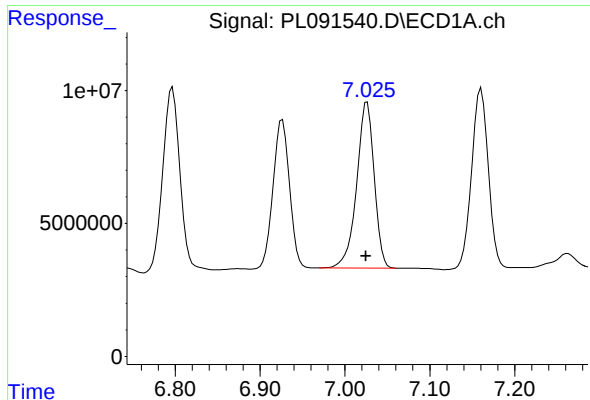
#16 4,4'-DDD

R.T.: 6.711 min  
Delta R.T.: 0.000 min  
Response: 93210996  
Conc: 61.67 ng/ml m



#16 4,4'-DDD

R.T.: 5.794 min  
Delta R.T.: -0.005 min  
Response: 94646201  
Conc: 57.33 ng/ml m



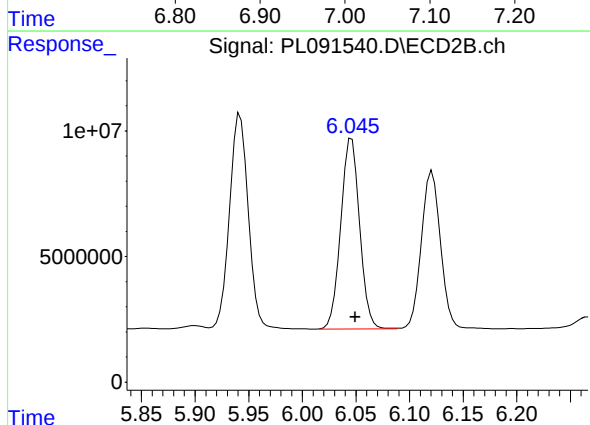
#17 4,4'-DDT

R.T.: 7.025 min  
Delta R.T.: 0.000 min  
Response: 89699990  
Conc: 50.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DN-B-38(B-8)MS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/06/2024  
Supervised By :Ankita Jodhani 09/06/2024



#17 4,4'-DDT

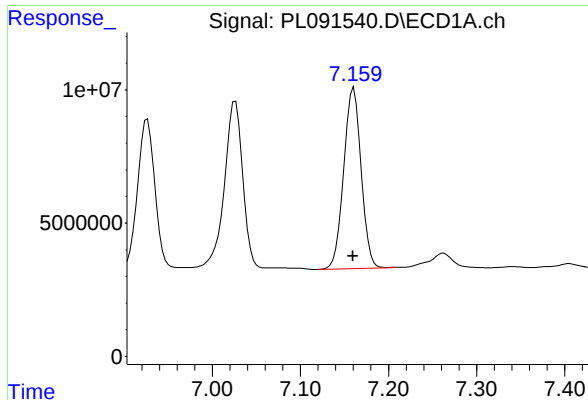
R.T.: 6.046 min  
Delta R.T.: -0.003 min  
Response: 92822447  
Conc: 52.25 ng/ml

#18 Endrin aldehyde

R.T.: 6.926 min  
Delta R.T.: 0.001 min  
Response: 75605540  
Conc: 47.36 ng/ml

#18 Endrin aldehyde

R.T.: 6.121 min  
Delta R.T.: -0.003 min  
Response: 78162160  
Conc: 50.18 ng/ml



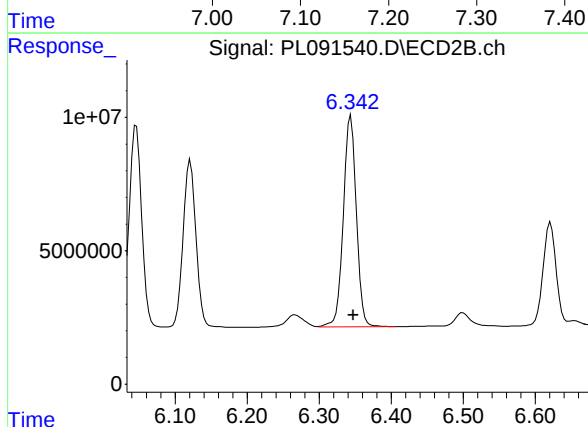
#19 Endosulfan Sulfate

R.T.: 7.161 min  
Delta R.T.: 0.000 min  
Response: 93192951  
Conc: 48.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DN-B-38(B-8)MS

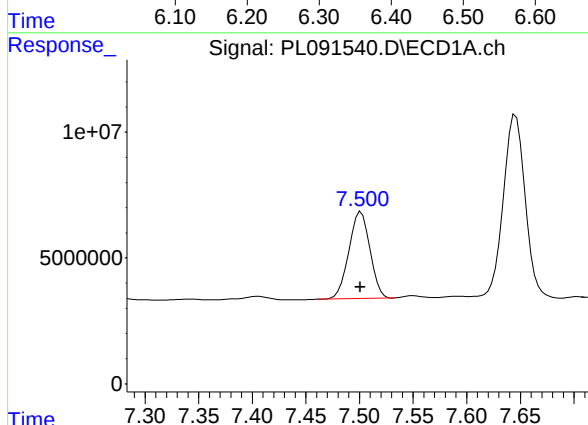
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/06/2024  
Supervised By :Ankita Jodhani 09/06/2024



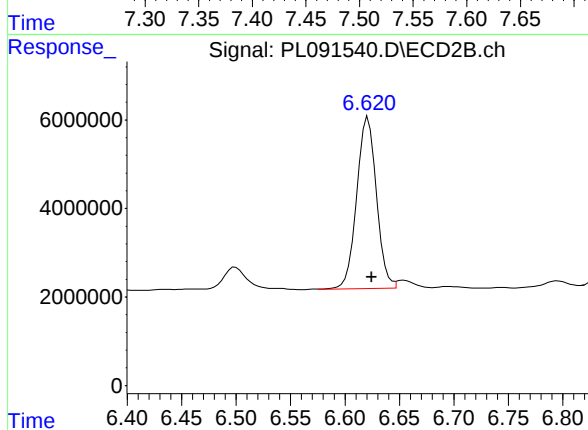
#19 Endosulfan Sulfate

R.T.: 6.344 min  
Delta R.T.: -0.003 min  
Response: 99430665  
Conc: 51.57 ng/ml



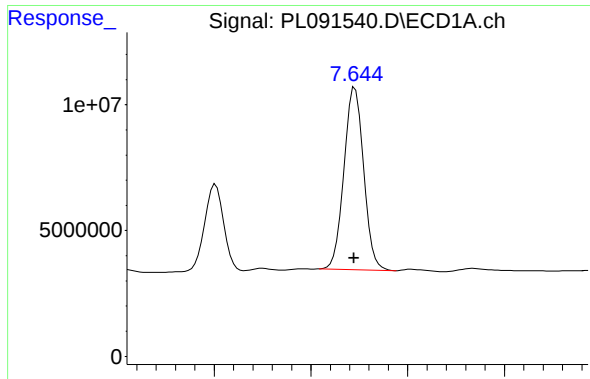
#20 Methoxychlor

R.T.: 7.501 min  
Delta R.T.: 0.000 min  
Response: 47210562  
Conc: 50.21 ng/ml



#20 Methoxychlor

R.T.: 6.620 min  
Delta R.T.: -0.005 min  
Response: 49237657  
Conc: 49.59 ng/ml m



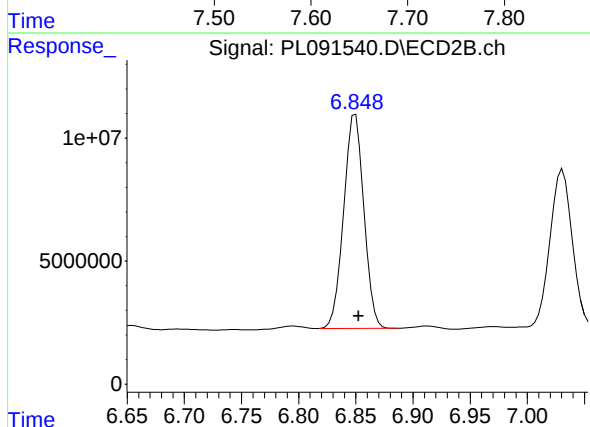
#21 Endrin ketone

R.T.: 7.646 min  
Delta R.T.: 0.001 min  
Response: 102248006  
Conc: 48.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DN-B-38(B-8)MS

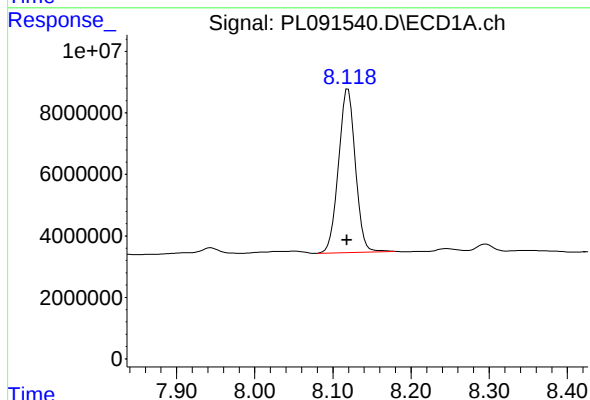
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/06/2024  
Supervised By :Ankita Jodhani 09/06/2024



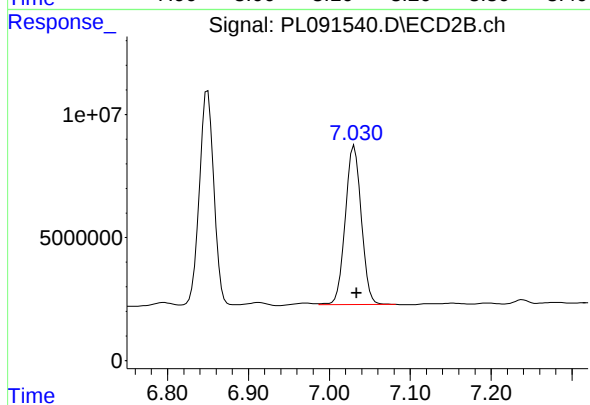
#21 Endrin ketone

R.T.: 6.850 min  
Delta R.T.: -0.003 min  
Response: 107530572  
Conc: 49.37 ng/ml



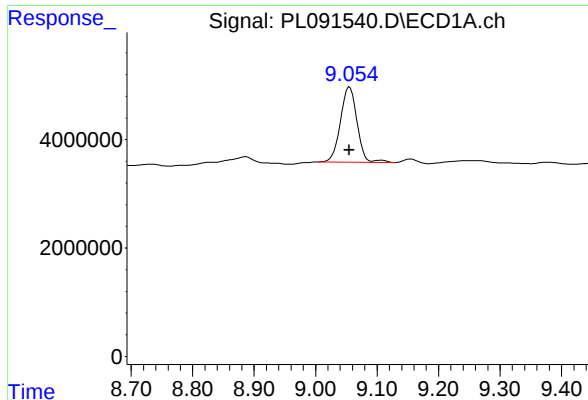
#22 Mirex

R.T.: 8.119 min  
Delta R.T.: 0.001 min  
Response: 80019326  
Conc: 47.04 ng/ml



#22 Mirex

R.T.: 7.031 min  
Delta R.T.: -0.003 min  
Response: 88791242  
Conc: 47.57 ng/ml



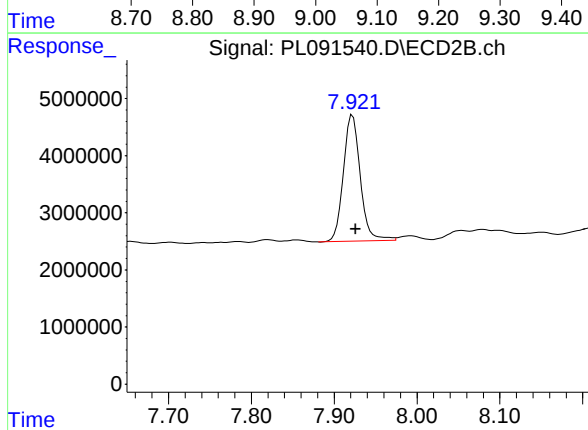
#28 Decachlorobiphenyl

R.T.: 9.055 min  
Delta R.T.: 0.000 min  
Response: 25932856  
Conc: 17.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
DN-B-38(B-8)MS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/06/2024  
Supervised By :Ankita Jodhani 09/06/2024



#28 Decachlorobiphenyl

R.T.: 7.922 min  
Delta R.T.: -0.004 min  
Response: 31452372  
Conc: 16.61 ng/ml