

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL1121924\  
 Data File : PL093453.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Dec 2024 19:36  
 Operator : AR\AJ  
 Sample : P5343-03MS  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 VNJ281MS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 12/20/2024  
 Supervised By :Ankita Jodhani 12/20/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 19 21:55:25 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112524.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Nov 25 15:18:43 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...          | 3.536 | 2.774 | 48152442 | 55575939 | 18.528m | 19.270   |
| 28) SA Decachlor...         | 9.050 | 7.911 | 34253766 | 58983165 | 19.703m | 20.649   |
| Target Compounds            |       |       |          |          |         |          |
| 2) A alpha-BHC              | 3.993 | 3.275 | 167.8E6  | 211.6E6  | 47.016m | 49.565m  |
| 3) MA gamma-BHC...          | 4.325 | 3.607 | 167.4E6  | 203.7E6  | 49.547m | 49.214   |
| 4) MA Heptachlor            | 4.913 | 3.945 | 153.4E6  | 211.7E6  | 50.188m | 52.338   |
| 5) MB Aldrin                | 5.254 | 4.225 | 174.3E6  | 193.7E6  | 57.970m | 48.673   |
| 6) B beta-BHC               | 4.524 | 3.906 | 67334908 | 90914802 | 44.601m | 51.108   |
| 7) B delta-BHC              | 4.772 | 4.135 | 147.7E6  | 200.0E6  | 44.626  | 46.873   |
| 8) B Heptachlo...           | 5.681 | 4.726 | 171.1E6  | 230.0E6  | 61.618m | 63.141m  |
| 9) A Endosulfan I           | 6.067 | 5.097 | 116.6E6  | 150.1E6  | 47.895  | 44.905m  |
| 10) B gamma-Chl...          | 5.939 | 4.976 | 167.5E6  | 242.3E6  | 65.033  | 65.408m  |
| 11) B alpha-Chl...          | 6.018 | 5.041 | 208.0E6  | 269.8E6  | 80.261  | 74.318   |
| 12) B 4,4'-DDE              | 6.190 | 5.230 | 162.9E6  | 317.2E6  | 69.630  | 88.615 # |
| 13) MA Dieldrin             | 6.341 | 5.360 | 125.3E6  | 214.8E6  | 48.894m | 58.279m  |
| 14) MA Endrin               | 6.572 | 5.637 | 102.3E6  | 187.3E6  | 48.787  | 58.725   |
| 15) B Endosulfa...          | 6.792 | 5.933 | 113.6E6  | 223.8E6  | 52.082  | 70.618 # |
| 16) A 4,4'-DDD              | 6.706 | 5.783 | 97317798 | 140.7E6  | 53.113m | 50.205m  |
| 17) MA 4,4'-DDT             | 7.022 | 6.035 | 149.2E6  | 246.8E6  | 77.370  | 83.341   |
| 18) B Endrin al...          | 6.921 | 6.111 | 82501240 | 136.5E6  | 45.666m | 52.070   |
| 19) B Endosulfa...          | 7.157 | 6.333 | 101.6E6  | 158.2E6  | 49.033  | 52.041   |
| 20) A Methoxychlor          | 7.497 | 6.608 | 49203876 | 76288020 | 47.090  | 49.961m  |
| 21) B Endrin ke...          | 7.640 | 6.838 | 118.4E6  | 162.5E6  | 52.167m | 48.414   |
| 22) Mirex                   | 8.114 | 7.019 | 81263444 | 124.2E6  | 44.990  | 46.214   |
| -----                       |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121924\  
Data File : PL093453.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Dec 2024 19:36  
Operator : AR\AJ  
Sample : P5343-03MS  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

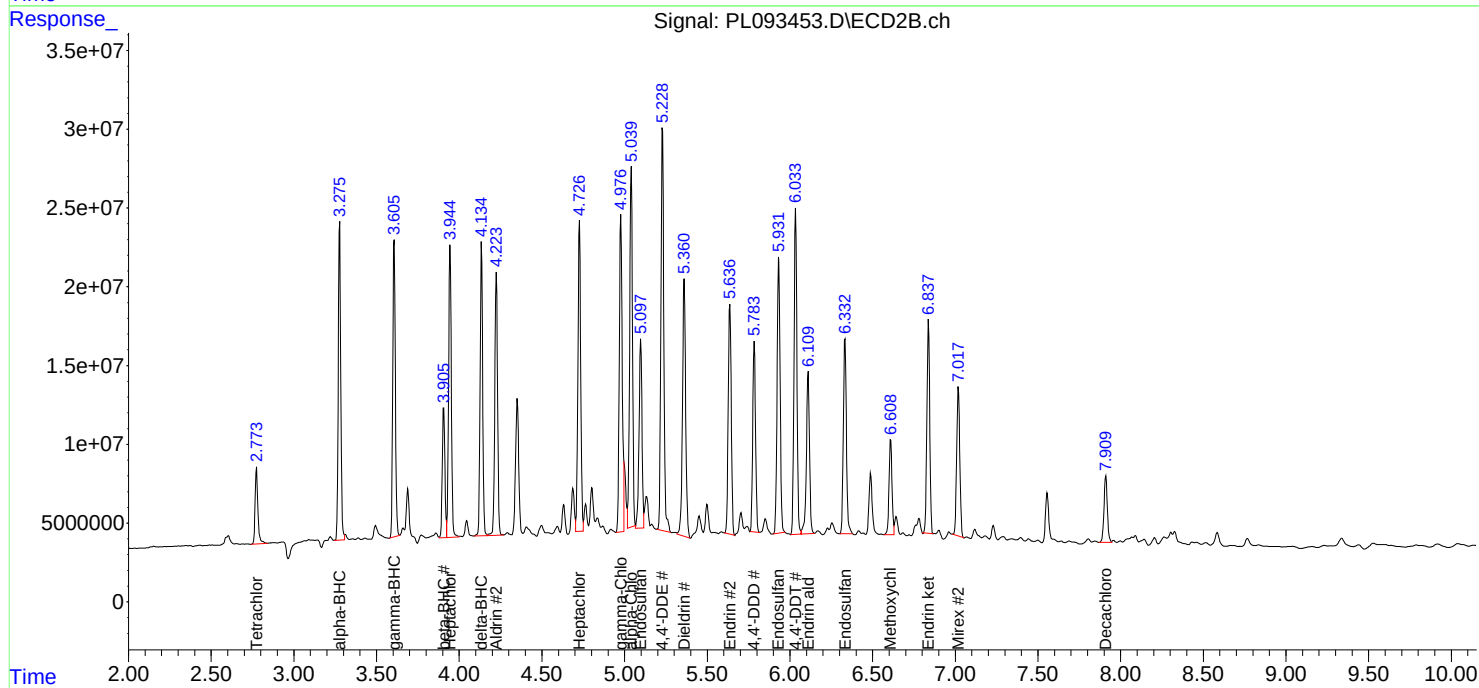
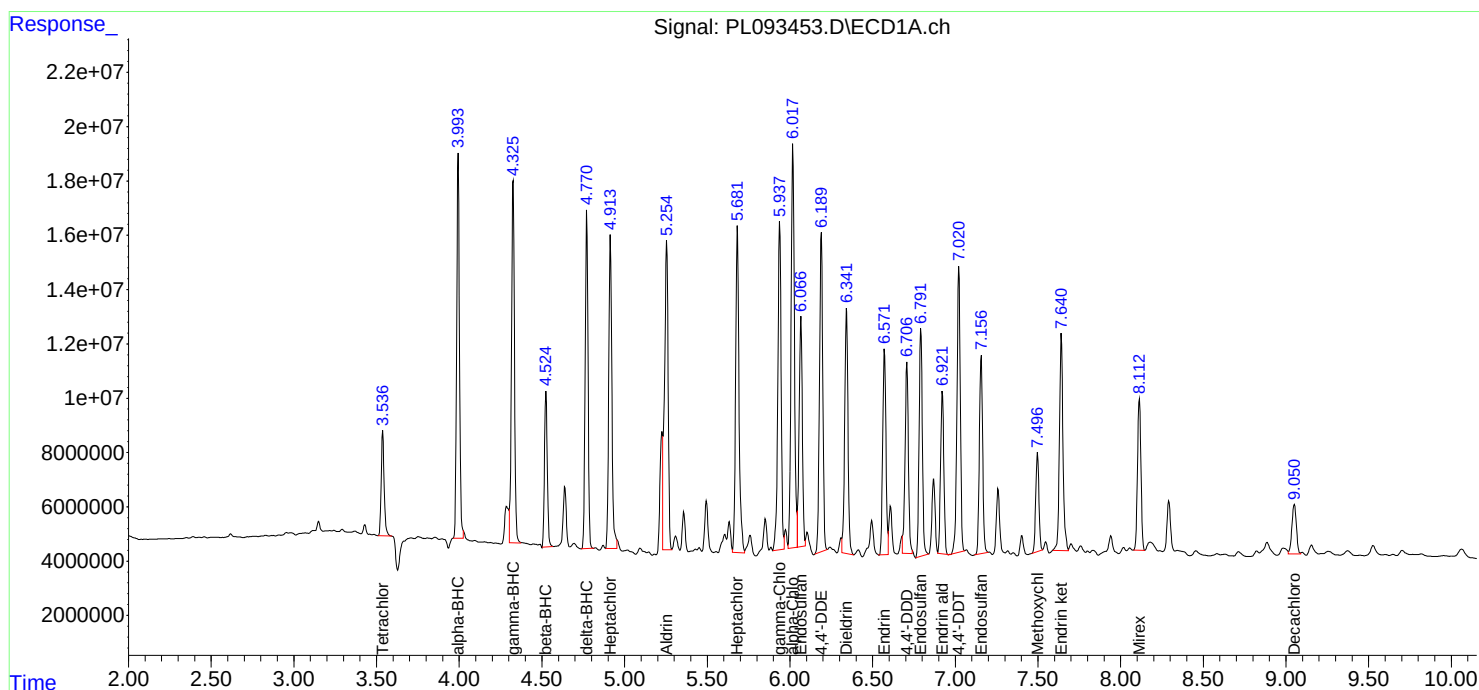
Instrument :  
ECD\_L  
ClientSampleId :  
VNJ281MS

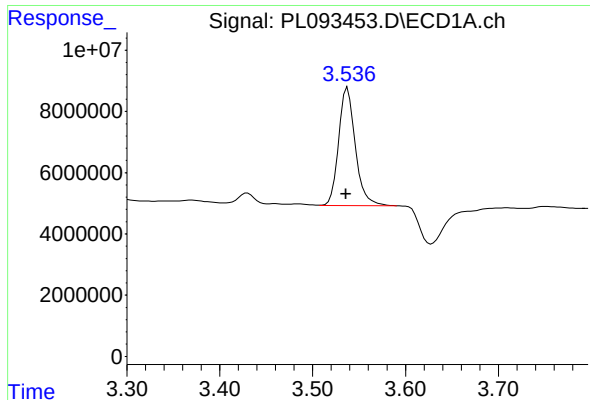
Manual Integrations  
APPROVED

Reviewed By : Abdul Mirza 12/20/2024  
Supervised By : Ankita Jodhani 12/20/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Dec 19 21:55:25 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL112524.M  
Quant Title : GC Extractables  
QLast Update : Mon Nov 25 15:18:43 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





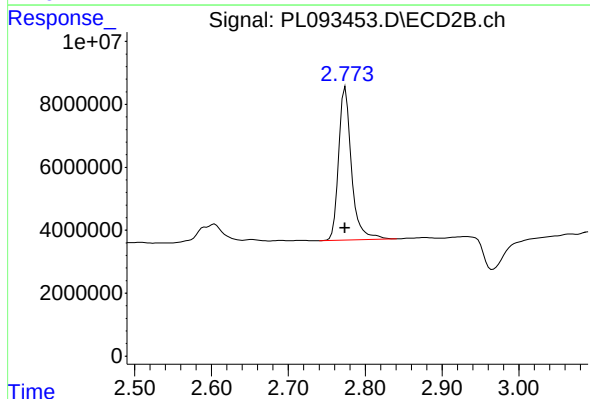
#1 Tetrachloro-m-xylene

R.T.: 3.536 min  
Delta R.T.: 0.000 min  
Response: 48152442  
Conc: 18.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ281MS

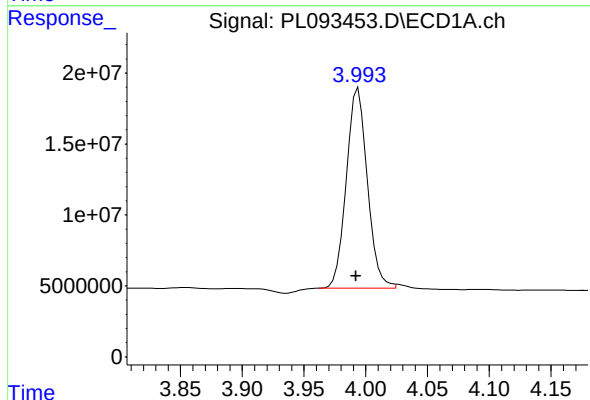
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/20/2024  
Supervised By :Ankita Jodhani 12/20/2024



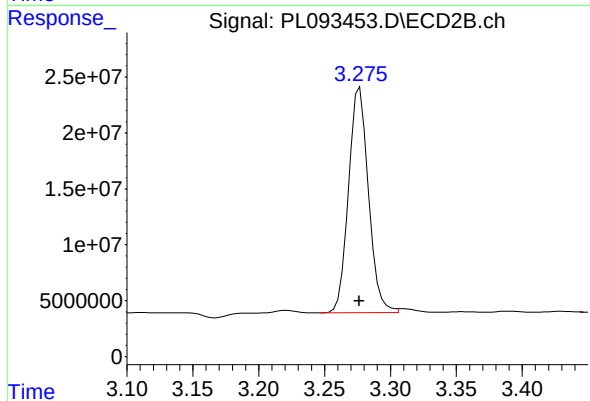
#1 Tetrachloro-m-xylene

R.T.: 2.774 min  
Delta R.T.: 0.000 min  
Response: 55575939  
Conc: 19.27 ng/ml



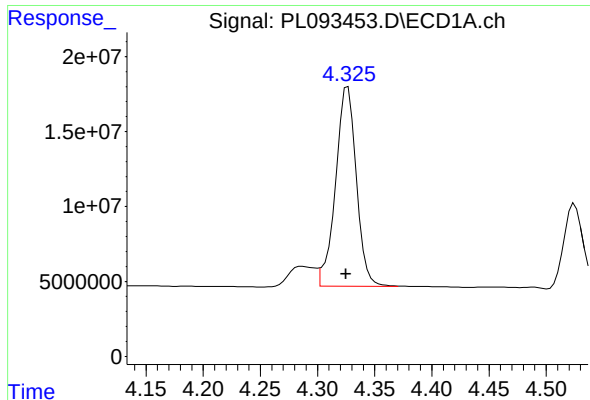
#2 alpha-BHC

R.T.: 3.993 min  
Delta R.T.: 0.000 min  
Response: 167772759  
Conc: 47.02 ng/ml m



#2 alpha-BHC

R.T.: 3.275 min  
Delta R.T.: 0.000 min  
Response: 211613807  
Conc: 49.56 ng/ml m



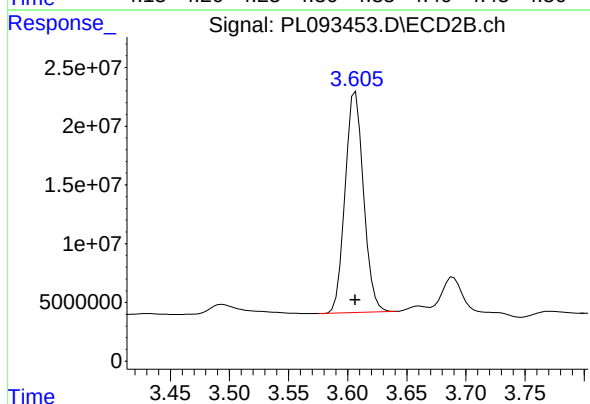
#3 gamma-BHC (Lindane)

R.T.: 4.325 min  
Delta R.T.: 0.000 min  
Response: 167401252  
Conc: 49.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ281MS

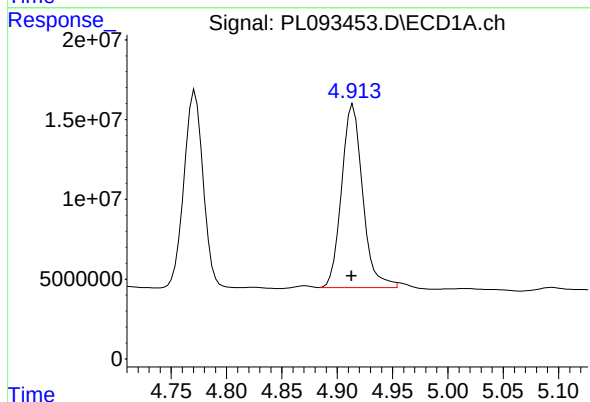
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/20/2024  
Supervised By :Ankita Jodhani 12/20/2024



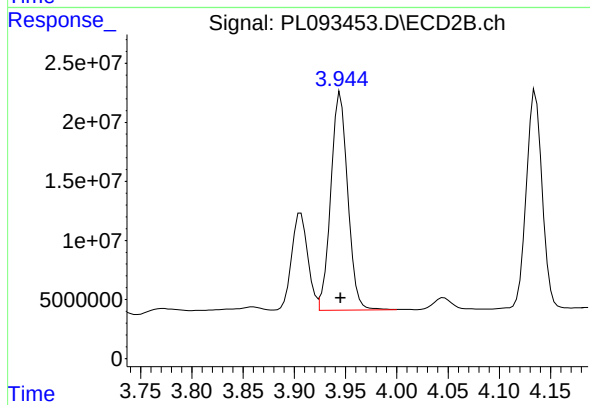
#3 gamma-BHC (Lindane)

R.T.: 3.607 min  
Delta R.T.: 0.000 min  
Response: 203732306  
Conc: 49.21 ng/ml



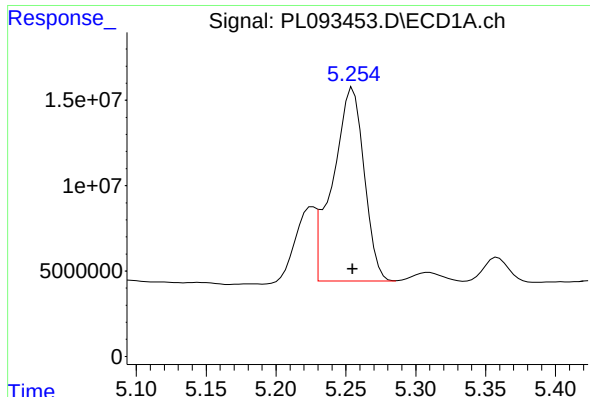
#4 Heptachlor

R.T.: 4.913 min  
Delta R.T.: 0.000 min  
Response: 153379299  
Conc: 50.19 ng/ml m



#4 Heptachlor

R.T.: 3.945 min  
Delta R.T.: 0.000 min  
Response: 211733722  
Conc: 52.34 ng/ml



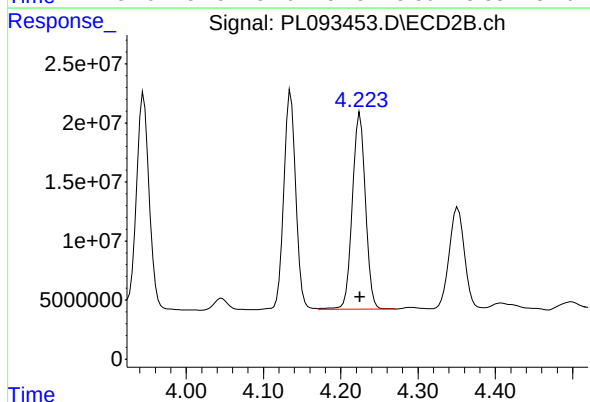
#5 Aldrin

R.T.: 5.254 min  
Delta R.T.: -0.001 min  
Response: 174324677  
Conc: 57.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ281MS

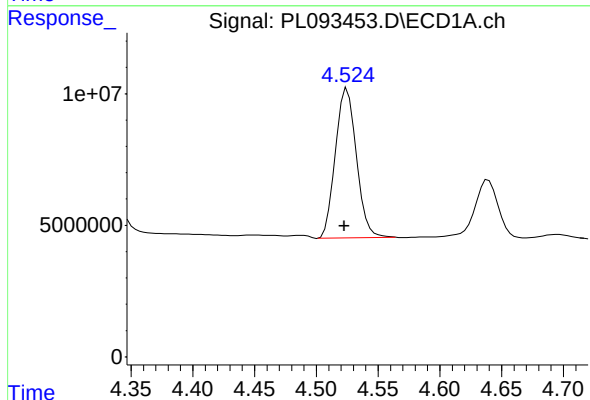
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/20/2024  
Supervised By :Ankita Jodhani 12/20/2024



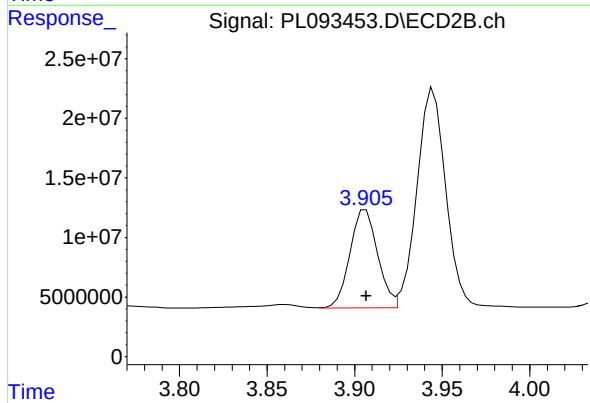
#5 Aldrin

R.T.: 4.225 min  
Delta R.T.: 0.000 min  
Response: 193661013  
Conc: 48.67 ng/ml



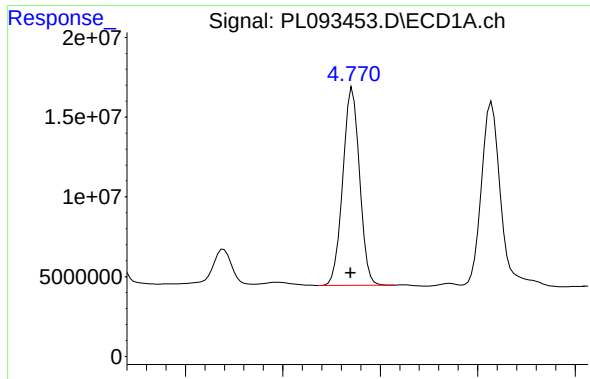
#6 beta-BHC

R.T.: 4.524 min  
Delta R.T.: 0.000 min  
Response: 67334908  
Conc: 44.60 ng/ml m



#6 beta-BHC

R.T.: 3.906 min  
Delta R.T.: 0.000 min  
Response: 90914802  
Conc: 51.11 ng/ml



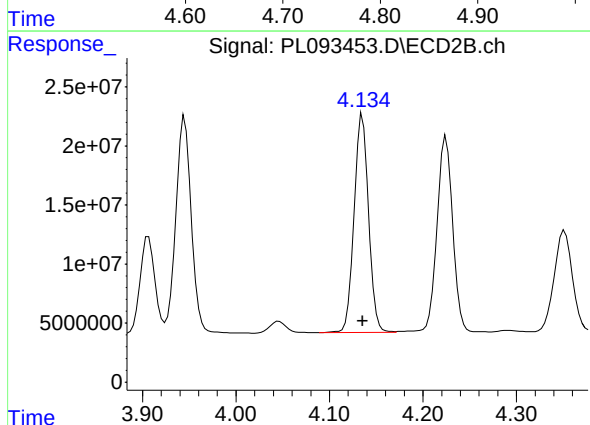
#7 delta-BHC

R.T.: 4.772 min  
Delta R.T.: 0.002 min  
Response: 147650548  
Conc: 44.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ281MS

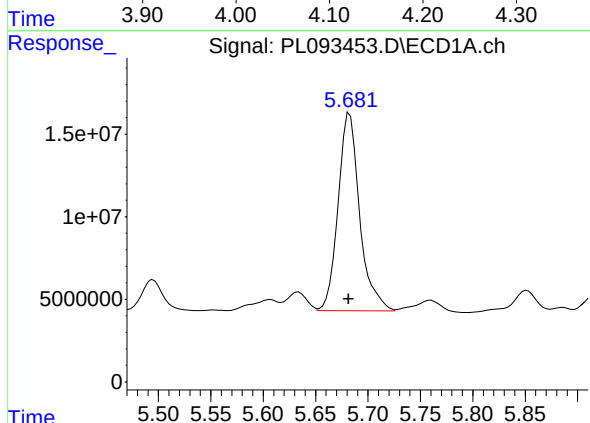
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/20/2024  
Supervised By :Ankita Jodhani 12/20/2024



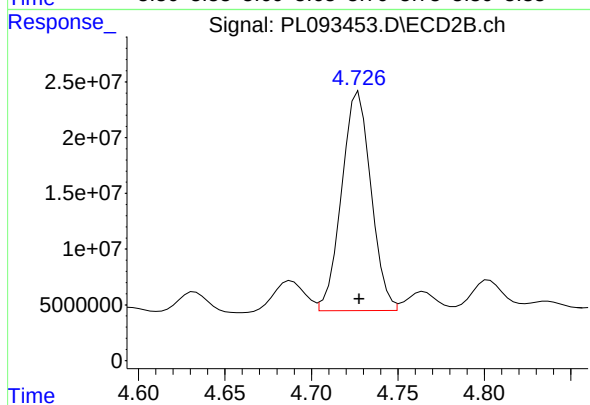
#7 delta-BHC

R.T.: 4.135 min  
Delta R.T.: 0.000 min  
Response: 199984512  
Conc: 46.87 ng/ml



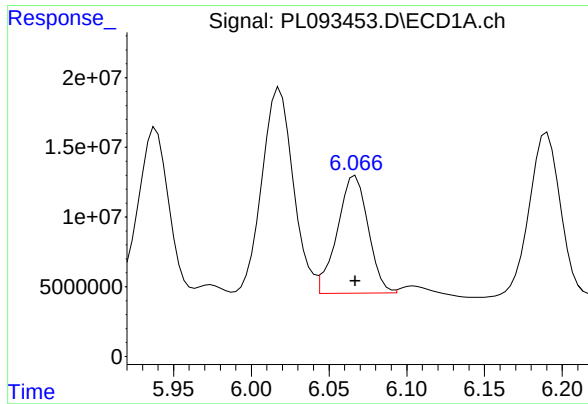
#8 Heptachlor epoxide

R.T.: 5.681 min  
Delta R.T.: 0.000 min  
Response: 171094258  
Conc: 61.62 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.726 min  
Delta R.T.: -0.002 min  
Response: 229971843  
Conc: 63.14 ng/ml m



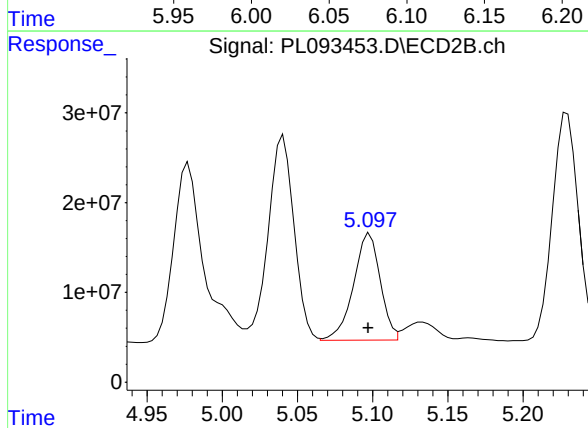
#9 Endosulfan I

R.T.: 6.067 min  
Delta R.T.: 0.000 min  
Response: 116586117  
Conc: 47.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ281MS

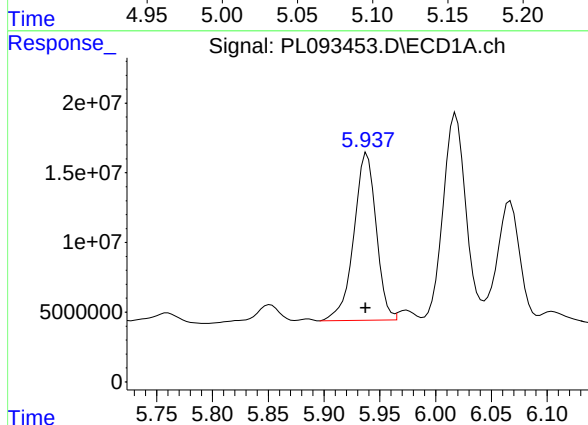
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/20/2024  
Supervised By :Ankita Jodhani 12/20/2024



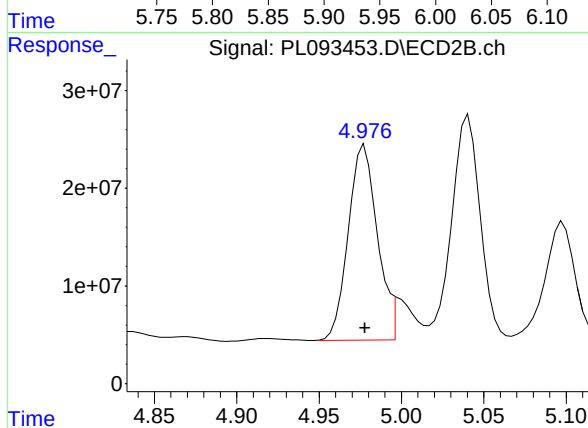
#9 Endosulfan I

R.T.: 5.097 min  
Delta R.T.: 0.000 min  
Response: 150115439  
Conc: 44.90 ng/ml m



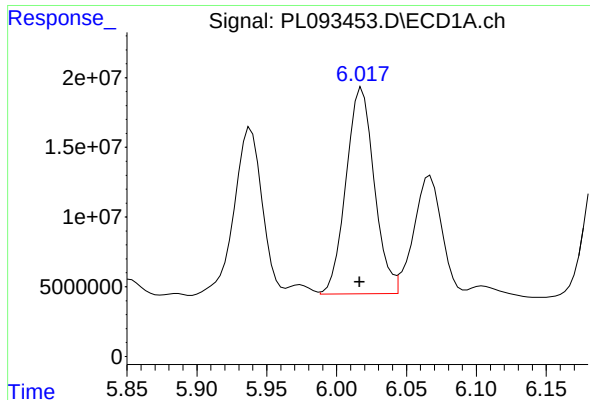
#10 gamma-Chlordane

R.T.: 5.939 min  
Delta R.T.: 0.001 min  
Response: 167547103  
Conc: 65.03 ng/ml



#10 gamma-Chlordane

R.T.: 4.976 min  
Delta R.T.: -0.002 min  
Response: 242342151  
Conc: 65.41 ng/ml m



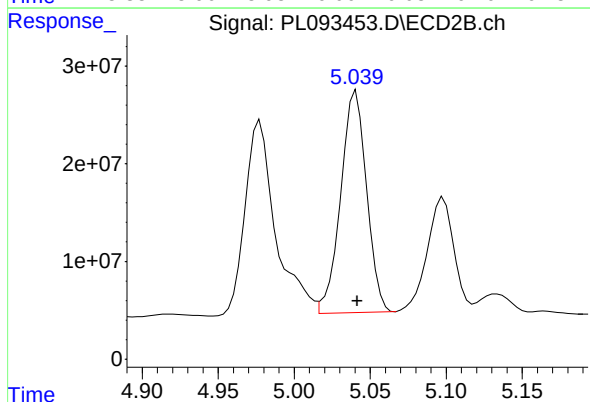
#11 alpha-Chlordane

R.T.: 6.018 min  
Delta R.T.: 0.002 min  
Response: 207960976  
Conc: 80.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ281MS

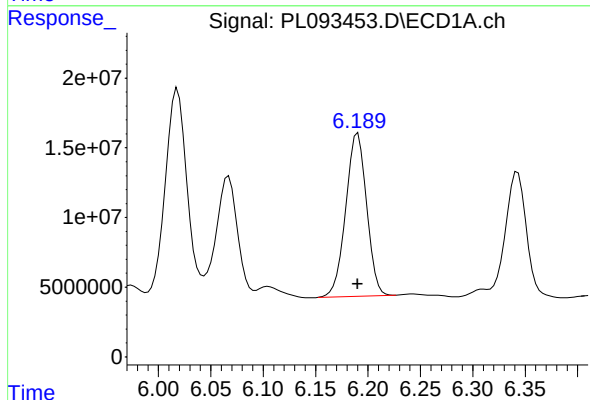
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/20/2024  
Supervised By :Ankita Jodhani 12/20/2024



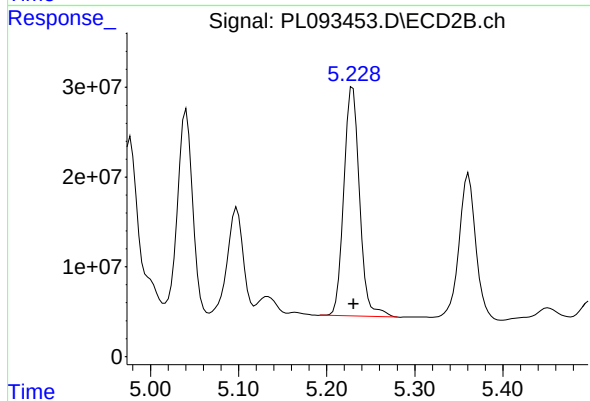
#11 alpha-Chlordane

R.T.: 5.041 min  
Delta R.T.: 0.000 min  
Response: 269793214  
Conc: 74.32 ng/ml



#12 4,4'-DDE

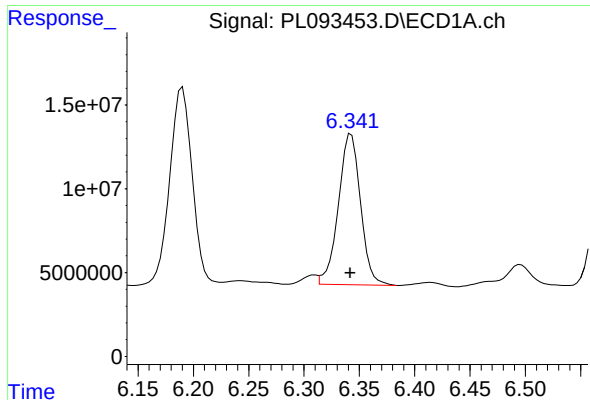
R.T.: 6.190 min  
Delta R.T.: 0.000 min  
Response: 162887433  
Conc: 69.63 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min  
Delta R.T.: 0.000 min  
Response: 317242572  
Conc: 88.61 ng/ml





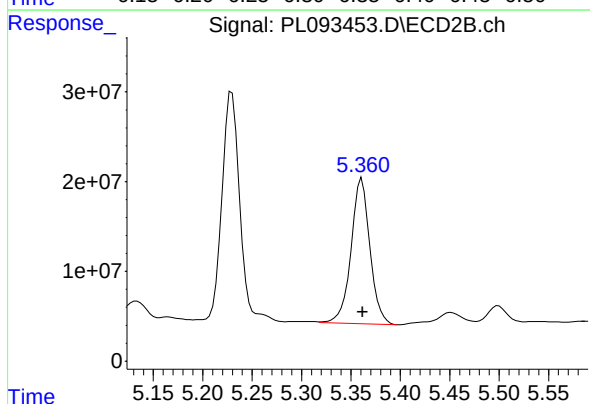
#13 Dieldrin

R.T.: 6.341 min  
Delta R.T.: 0.000 min  
Response: 125322000  
Conc: 48.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ281MS

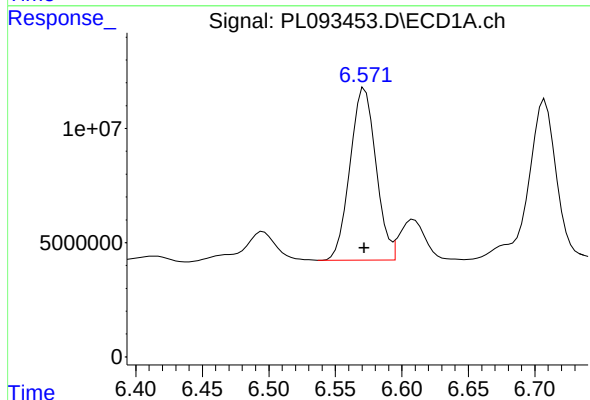
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/20/2024  
Supervised By :Ankita Jodhani 12/20/2024



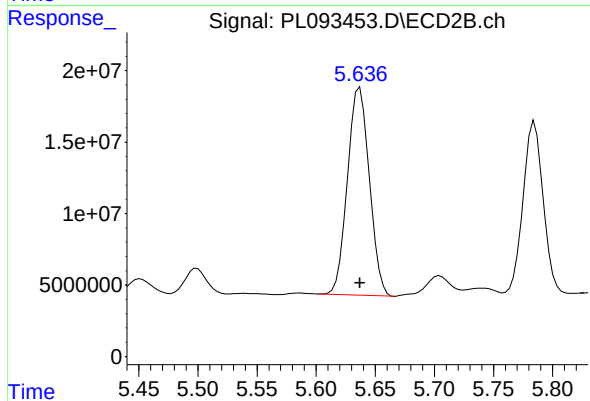
#13 Dieldrin

R.T.: 5.360 min  
Delta R.T.: -0.002 min  
Response: 214787498  
Conc: 58.28 ng/ml m



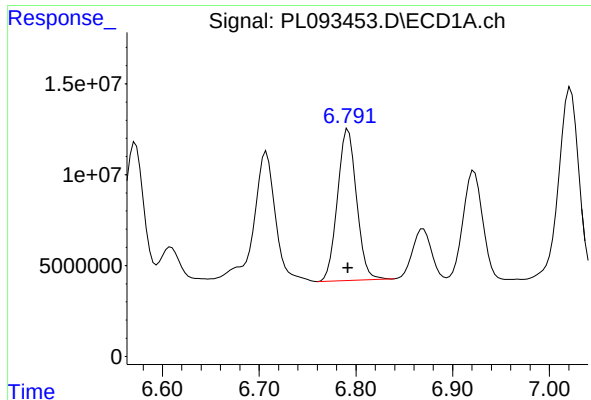
#14 Endrin

R.T.: 6.572 min  
Delta R.T.: 0.000 min  
Response: 102329974  
Conc: 48.79 ng/ml



#14 Endrin

R.T.: 5.637 min  
Delta R.T.: 0.000 min  
Response: 187288695  
Conc: 58.72 ng/ml



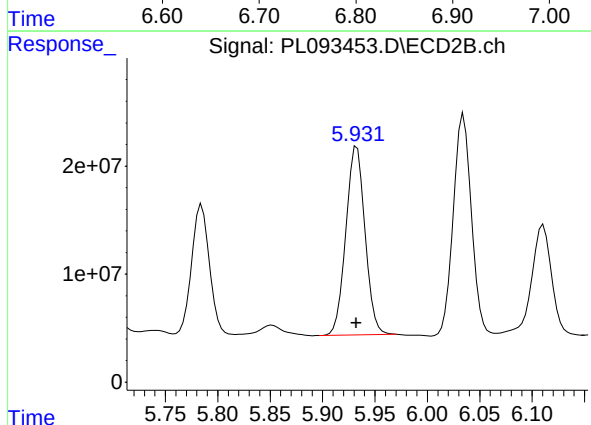
#15 Endosulfan II

R.T.: 6.792 min  
Delta R.T.: 0.000 min  
Response: 113565256  
Conc: 52.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ281MS

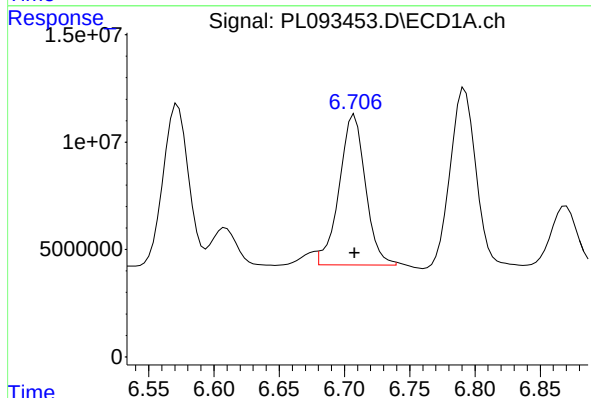
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/20/2024  
Supervised By :Ankita Jodhani 12/20/2024



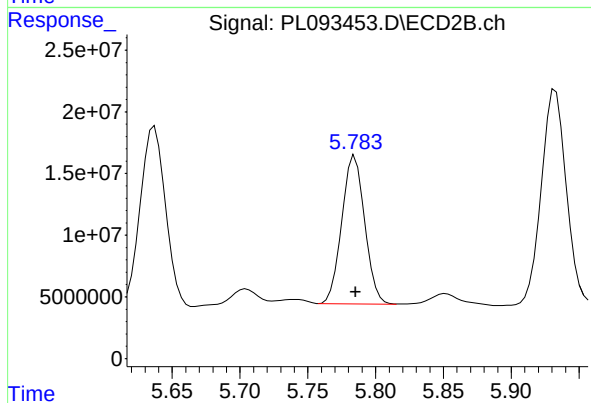
#15 Endosulfan II

R.T.: 5.933 min  
Delta R.T.: 0.000 min  
Response: 223787051  
Conc: 70.62 ng/ml



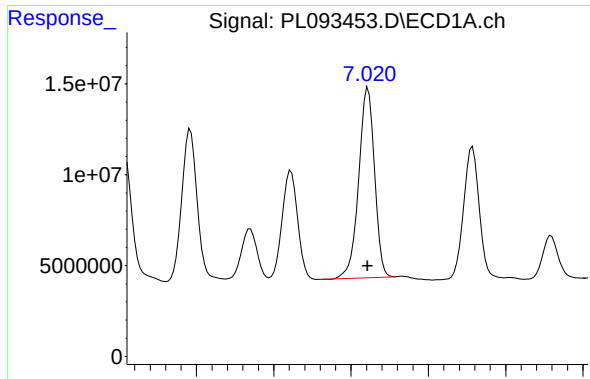
#16 4,4'-DDD

R.T.: 6.706 min  
Delta R.T.: -0.002 min  
Response: 97317798  
Conc: 53.11 ng/ml m



#16 4,4'-DDD

R.T.: 5.783 min  
Delta R.T.: -0.002 min  
Response: 140745368  
Conc: 50.20 ng/ml m



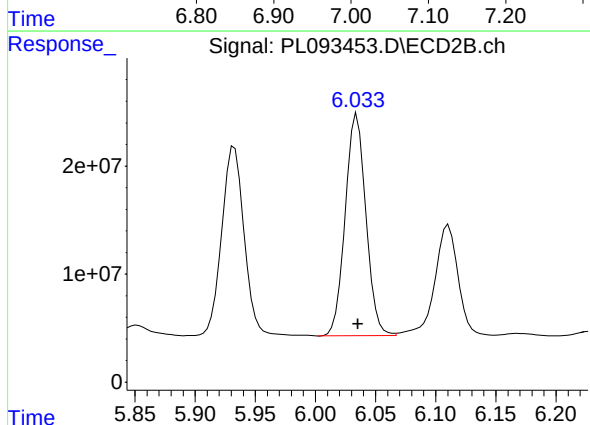
#17 4,4'-DDT

R.T.: 7.022 min  
Delta R.T.: 0.000 min  
Response: 149156197  
Conc: 77.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ281MS

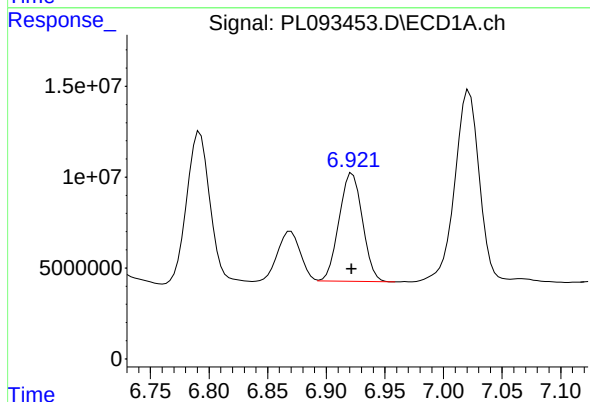
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/20/2024  
Supervised By :Ankita Jodhani 12/20/2024



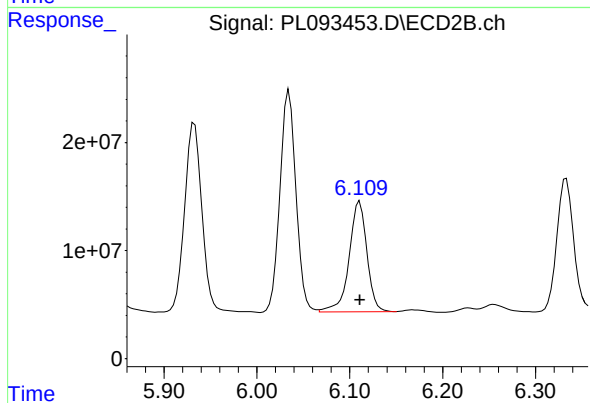
#17 4,4'-DDT

R.T.: 6.035 min  
Delta R.T.: 0.000 min  
Response: 246838075  
Conc: 83.34 ng/ml



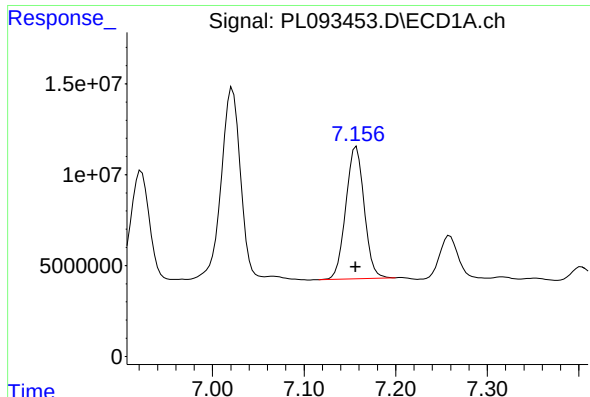
#18 Endrin aldehyde

R.T.: 6.921 min  
Delta R.T.: 0.000 min  
Response: 82501240  
Conc: 45.67 ng/ml m



#18 Endrin aldehyde

R.T.: 6.111 min  
Delta R.T.: 0.000 min  
Response: 136544678  
Conc: 52.07 ng/ml



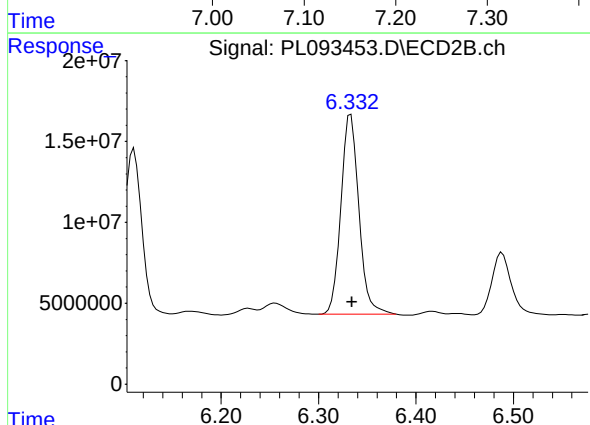
#19 Endosulfan Sulfate

R.T.: 7.157 min  
Delta R.T.: 0.000 min  
Response: 101630395  
Conc: 49.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ281MS

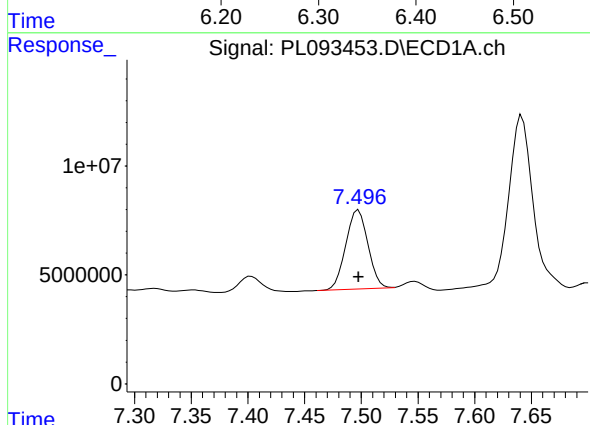
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/20/2024  
Supervised By :Ankita Jodhani 12/20/2024



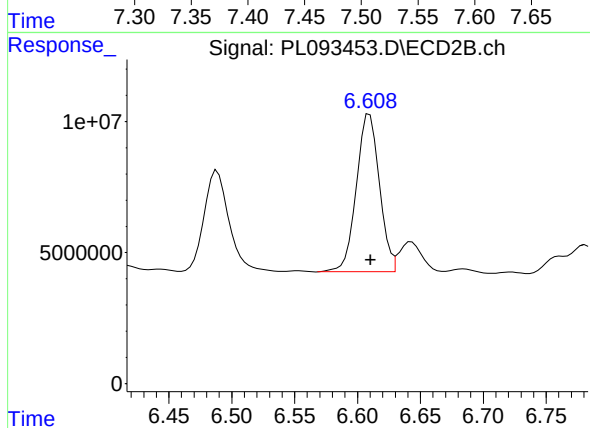
#19 Endosulfan Sulfate

R.T.: 6.333 min  
Delta R.T.: -0.001 min  
Response: 158187139  
Conc: 52.04 ng/ml



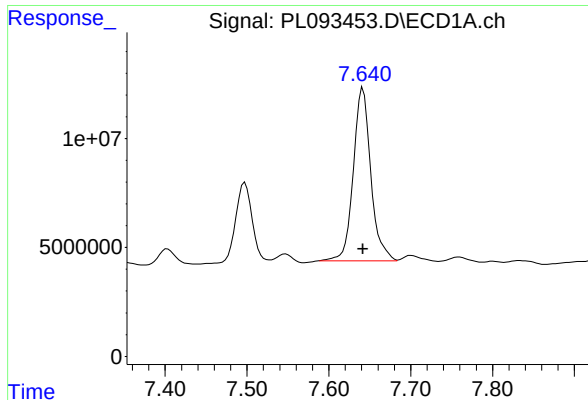
#20 Methoxychlor

R.T.: 7.497 min  
Delta R.T.: 0.000 min  
Response: 49203876  
Conc: 47.09 ng/ml



#20 Methoxychlor

R.T.: 6.608 min  
Delta R.T.: -0.002 min  
Response: 76288020  
Conc: 49.96 ng/ml m



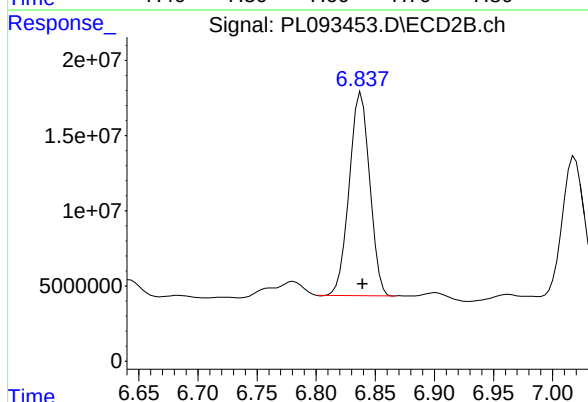
#21 Endrin ketone

R.T.: 7.640 min  
Delta R.T.: -0.001 min  
Response: 118380812  
Conc: 52.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ281MS

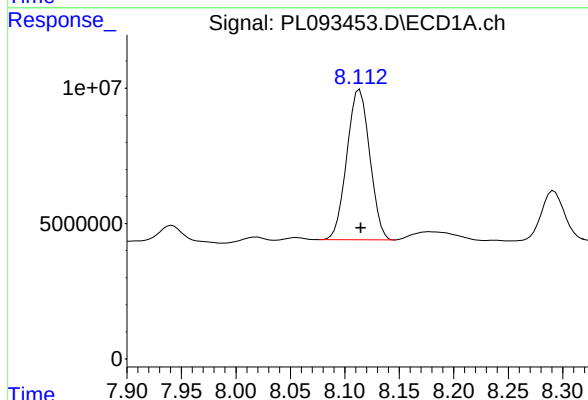
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/20/2024  
Supervised By :Ankita Jodhani 12/20/2024



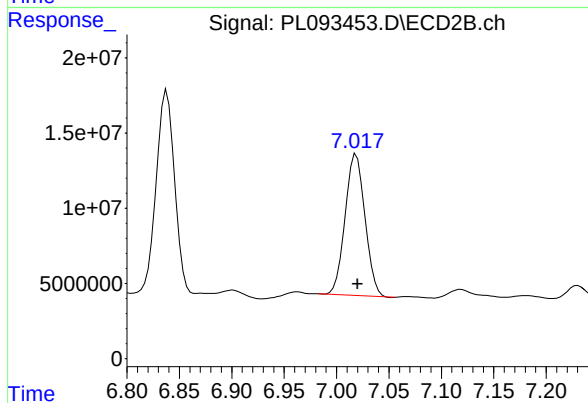
#21 Endrin ketone

R.T.: 6.838 min  
Delta R.T.: -0.001 min  
Response: 162527900  
Conc: 48.41 ng/ml



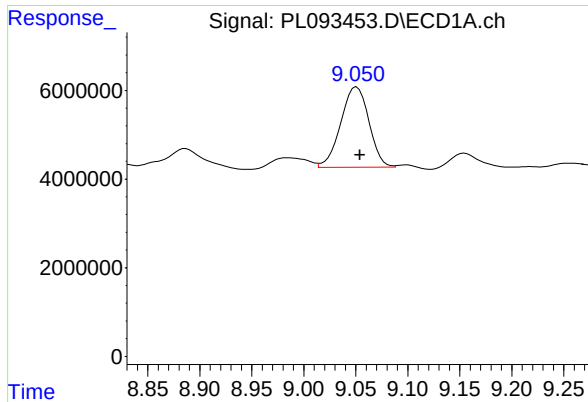
#22 Mirex

R.T.: 8.114 min  
Delta R.T.: -0.001 min  
Response: 81263444  
Conc: 44.99 ng/ml



#22 Mirex

R.T.: 7.019 min  
Delta R.T.: -0.001 min  
Response: 124154896  
Conc: 46.21 ng/ml



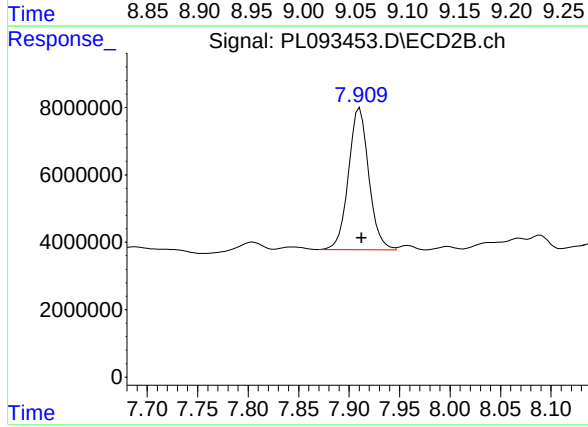
#28 Decachlorobiphenyl

R.T.: 9.050 min  
Delta R.T.: -0.004 min  
Response: 34253766  
Conc: 19.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
VNJ281MS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/20/2024  
Supervised By :Ankita Jodhani 12/20/2024



#28 Decachlorobiphenyl

R.T.: 7.911 min  
Delta R.T.: -0.002 min  
Response: 58983165  
Conc: 20.65 ng/ml