

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031125\  
 Data File : PL094618.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Mar 2025 01:06  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 03/12/2025  
 Supervised By : Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 12 02:06:36 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031125.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 11 17:42:21 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2  | ng/ml   | ng/ml   |
|-----------------------------|-------|-------|----------|---------|---------|---------|
| -----                       |       |       |          |         |         |         |
| System Monitoring Compounds |       |       |          |         |         |         |
| 1) SA Tetrachlo...          | 3.537 | 2.771 | 143.2E6  | 190.3E6 | 50.602  | 53.304  |
| 28) SA Decachlor...         | 9.051 | 7.905 | 106.6E6  | 192.6E6 | 50.573  | 47.671  |
| Target Compounds            |       |       |          |         |         |         |
| 2) A alpha-BHC              | 3.993 | 3.273 | 210.2E6  | 292.0E6 | 50.622  | 54.167  |
| 3) MA gamma-BHC...          | 4.325 | 3.603 | 199.9E6  | 274.5E6 | 50.086  | 53.411  |
| 4) MA Heptachlor            | 4.913 | 3.940 | 185.3E6  | 266.9E6 | 47.726  | 50.653  |
| 5) MB Aldrin                | 5.255 | 4.220 | 182.2E6  | 258.0E6 | 49.341  | 52.900  |
| 6) B beta-BHC               | 4.524 | 3.903 | 90319618 | 118.3E6 | 48.948  | 53.268  |
| 7) B delta-BHC              | 4.771 | 4.132 | 193.5E6  | 271.3E6 | 49.695  | 54.240  |
| 8) B Heptachlo...           | 5.681 | 4.723 | 164.0E6  | 238.6E6 | 49.038  | 52.118  |
| 9) A Endosulfan I           | 6.067 | 5.090 | 150.0E6  | 212.0E6 | 48.850  | 48.295m |
| 10) B gamma-Chl...          | 5.937 | 4.972 | 167.2E6  | 259.7E6 | 49.637  | 53.783  |
| 11) B alpha-Chl...          | 6.016 | 5.036 | 161.6E6  | 256.1E6 | 49.018  | 53.654  |
| 12) B 4,4'-DDE              | 6.190 | 5.223 | 149.4E6  | 246.5E6 | 50.798  | 53.038m |
| 13) MA Dieldrin             | 6.341 | 5.354 | 157.0E6  | 250.7E6 | 49.102  | 51.678m |
| 14) MA Endrin               | 6.570 | 5.631 | 130.4E6  | 222.6E6 | 47.041m | 51.005  |
| 15) B Endosulfa...          | 6.792 | 5.926 | 134.5E6  | 220.2E6 | 49.559  | 50.864  |
| 16) A 4,4'-DDD              | 6.706 | 5.779 | 113.6E6  | 196.5E6 | 52.458m | 54.649  |
| 17) MA 4,4'-DDT             | 7.021 | 6.029 | 112.7E6  | 193.4E6 | 47.389  | 47.977  |
| 18) B Endrin al...          | 6.922 | 6.105 | 100.2E6  | 164.4E6 | 47.446  | 48.861  |
| 19) B Endosulfa...          | 7.156 | 6.328 | 118.3E6  | 207.0E6 | 48.645  | 50.817  |
| 20) A Methoxychlor          | 7.497 | 6.604 | 58274967 | 101.5E6 | 48.681  | 47.857  |
| 21) B Endrin ke...          | 7.641 | 6.833 | 129.1E6  | 235.0E6 | 48.842  | 49.250  |
| 22) Mirex                   | 8.113 | 7.013 | 98539740 | 181.1E6 | 47.689  | 47.726  |
| -----                       |       |       |          |         |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031125\  
Data File : PL094618.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Mar 2025 01:06  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

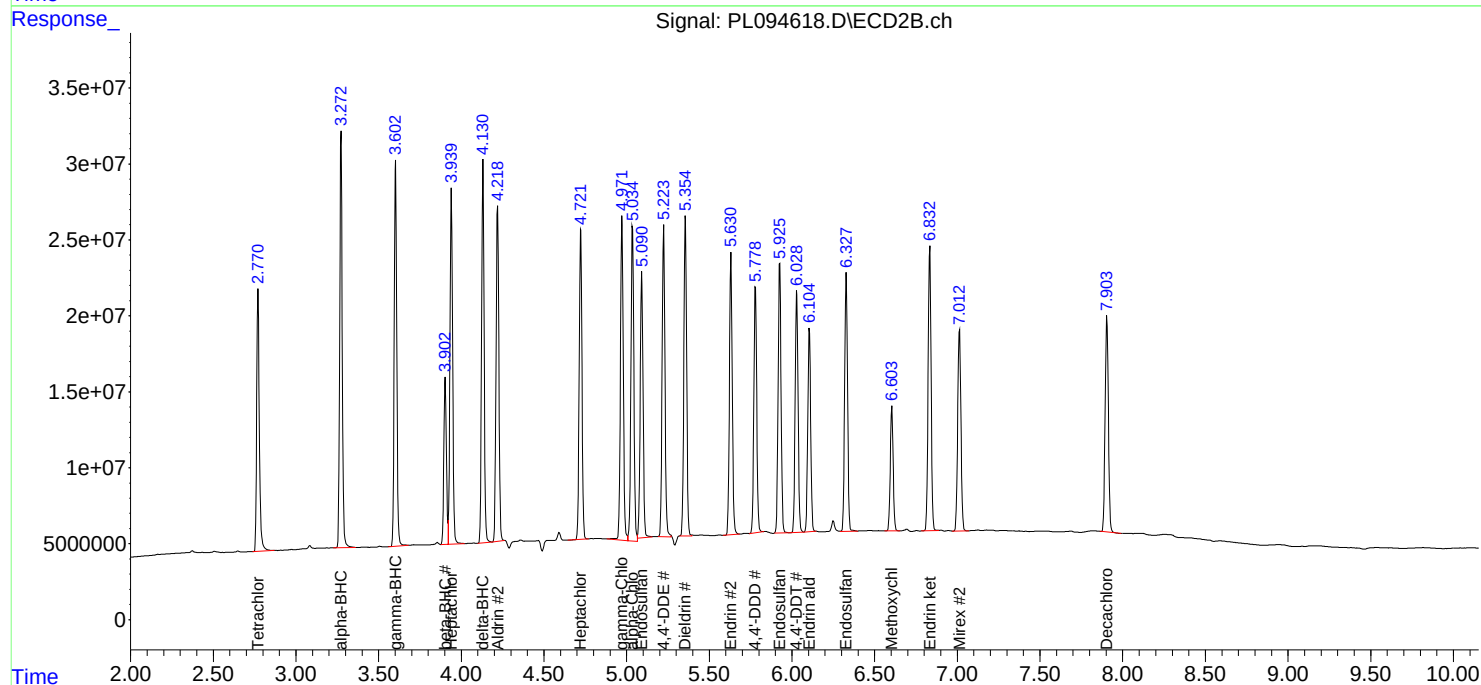
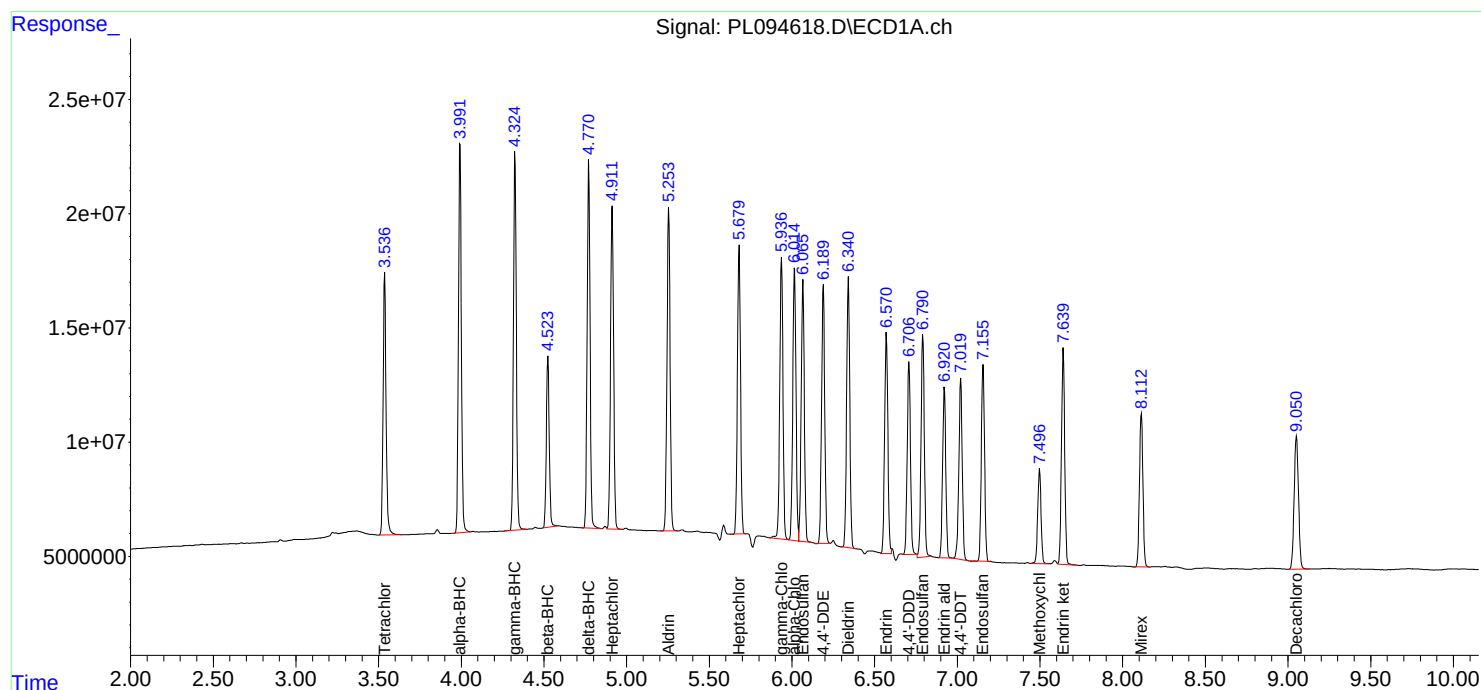
## APPROVED

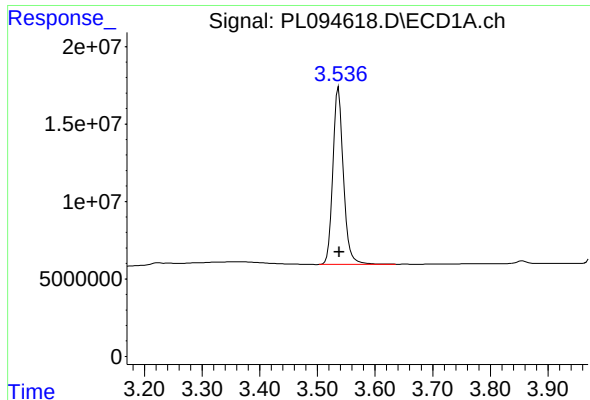
Reviewed By :Abdul Mirza 03/12/2025

Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 12 02:06:36 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031125.M  
Quant Title : GC Extractables  
QLast Update : Tue Mar 11 17:42:21 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





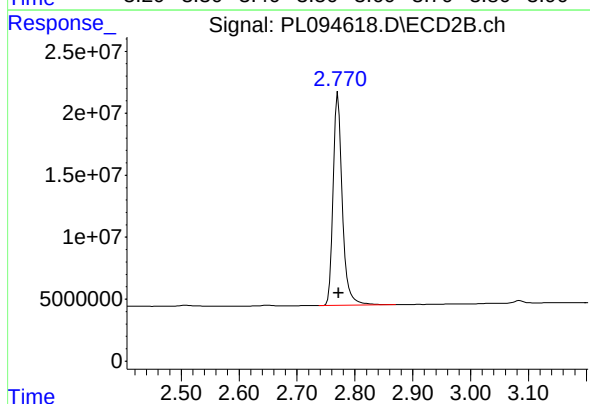
#1 Tetrachloro-m-xylene

R.T.: 3.537 min  
Delta R.T.: -0.001 min  
Response: 143238771  
Conc: 50.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

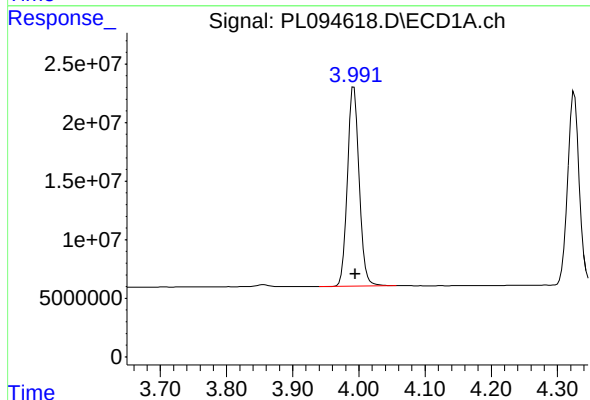
Manual Integrations  
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Reviewed By :Abdul Mirza 03/12/2025  
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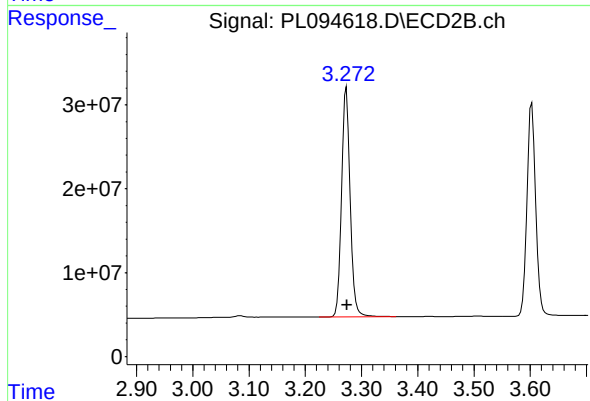
#1 Tetrachloro-m-xylene

R.T.: 2.771 min  
Delta R.T.: -0.001 min  
Response: 190256654  
Conc: 53.30 ng/ml



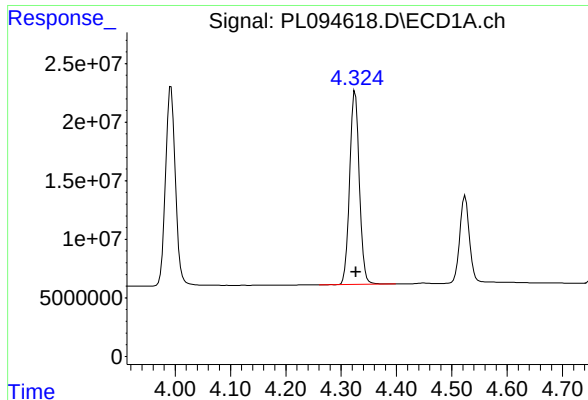
#2 alpha-BHC

R.T.: 3.993 min  
Delta R.T.: -0.002 min  
Response: 210199327  
Conc: 50.62 ng/ml



#2 alpha-BHC

R.T.: 3.273 min  
Delta R.T.: -0.001 min  
Response: 292032402  
Conc: 54.17 ng/ml



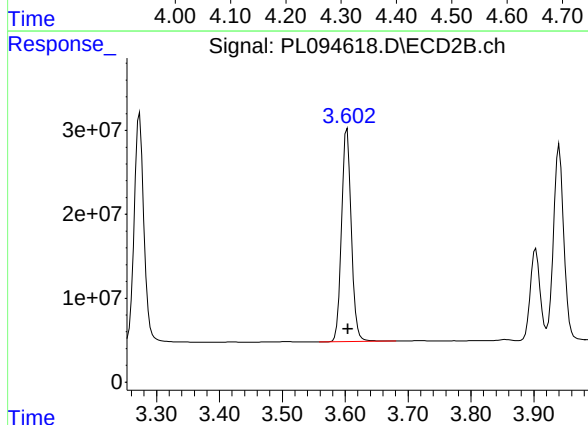
#3 gamma-BHC (Lindane)

R.T.: 4.325 min  
Delta R.T.: -0.002 min  
Response: 199855481  
Conc: 50.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

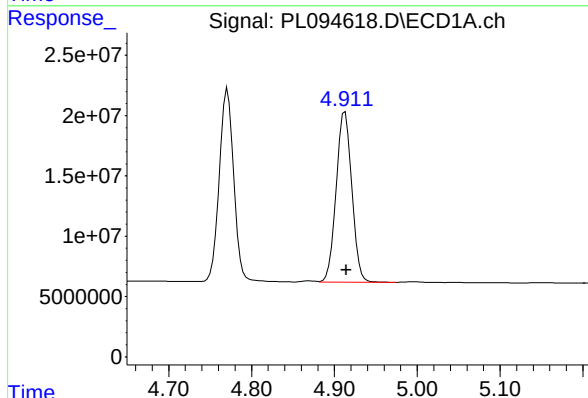
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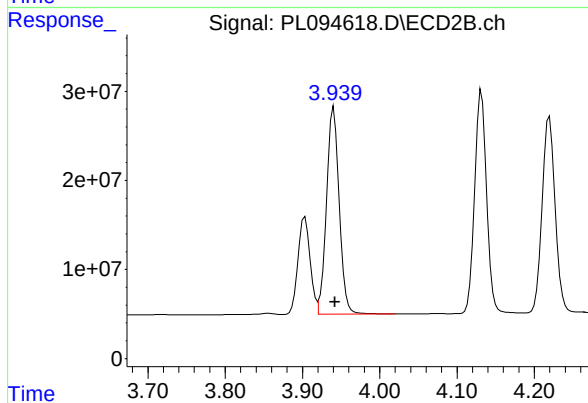
#3 gamma-BHC (Lindane)

R.T.: 3.603 min  
Delta R.T.: -0.001 min  
Response: 274501879  
Conc: 53.41 ng/ml



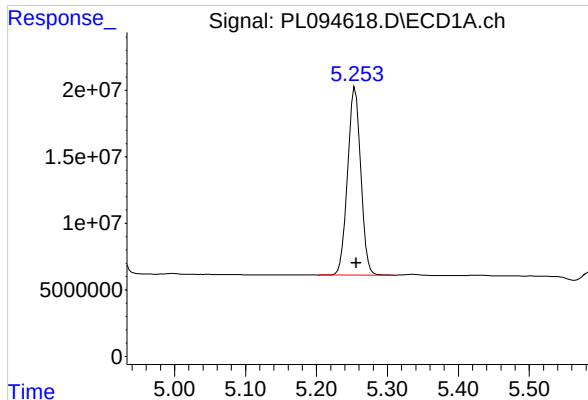
#4 Heptachlor

R.T.: 4.913 min  
Delta R.T.: -0.002 min  
Response: 185254887  
Conc: 47.73 ng/ml



#4 Heptachlor

R.T.: 3.940 min  
Delta R.T.: -0.002 min  
Response: 266874852  
Conc: 50.65 ng/ml



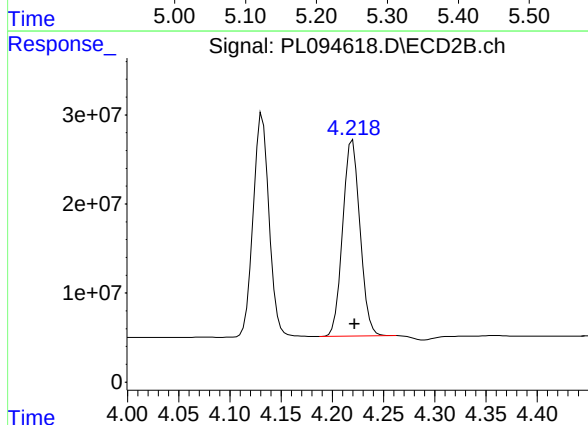
#5 Aldrin

R.T.: 5.255 min  
Delta R.T.: -0.002 min  
Response: 182176408  
Conc: 49.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

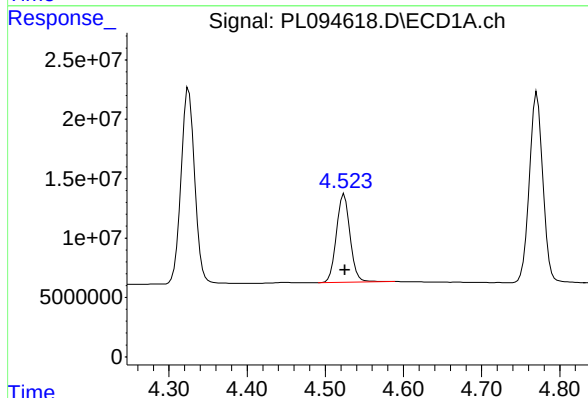
Manual Integrations  
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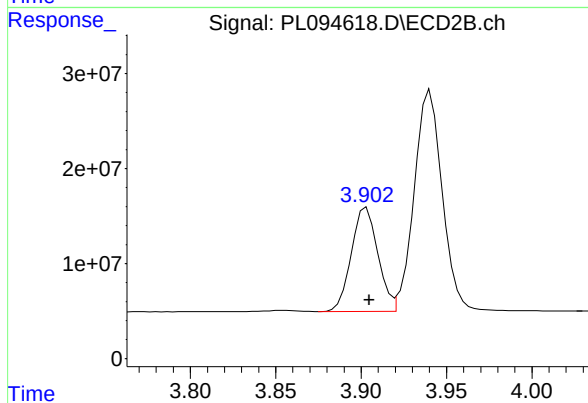
#5 Aldrin

R.T.: 4.220 min  
Delta R.T.: -0.002 min  
Response: 257958389  
Conc: 52.90 ng/ml



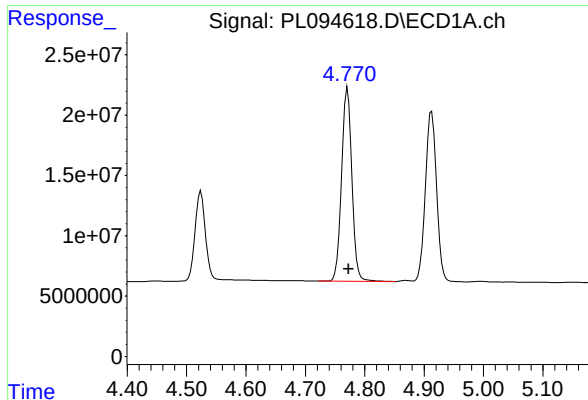
#6 beta-BHC

R.T.: 4.524 min  
Delta R.T.: -0.001 min  
Response: 90319618  
Conc: 48.95 ng/ml



#6 beta-BHC

R.T.: 3.903 min  
Delta R.T.: -0.002 min  
Response: 118324924  
Conc: 53.27 ng/ml



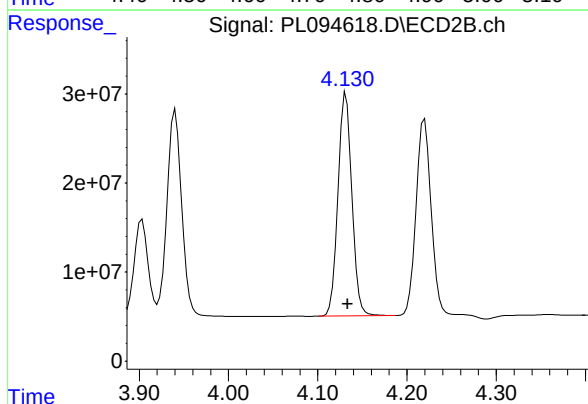
#7 delta-BHC

R.T.: 4.771 min  
Delta R.T.: -0.002 min  
Response: 193527405  
Conc: 49.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

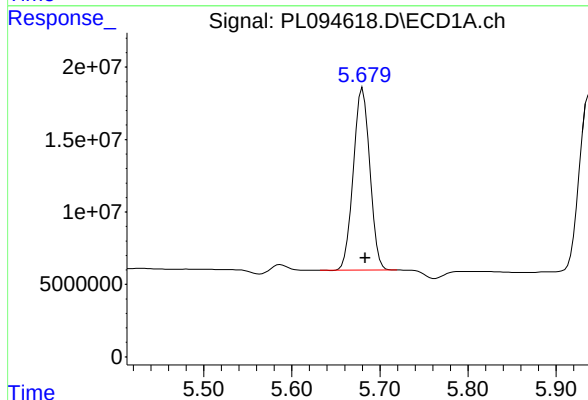
Manual Integrations  
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Reviewed By :Abdul Mirza 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025



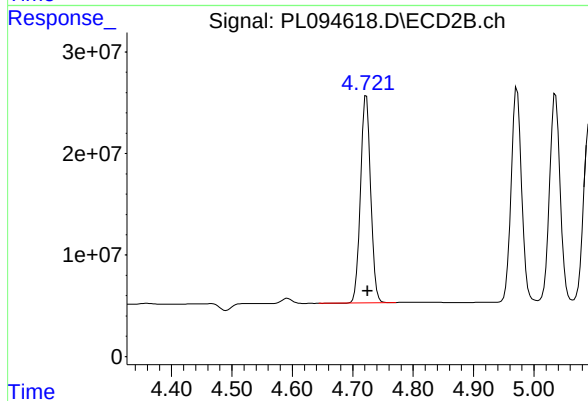
#7 delta-BHC

R.T.: 4.132 min  
Delta R.T.: -0.002 min  
Response: 271306839  
Conc: 54.24 ng/ml



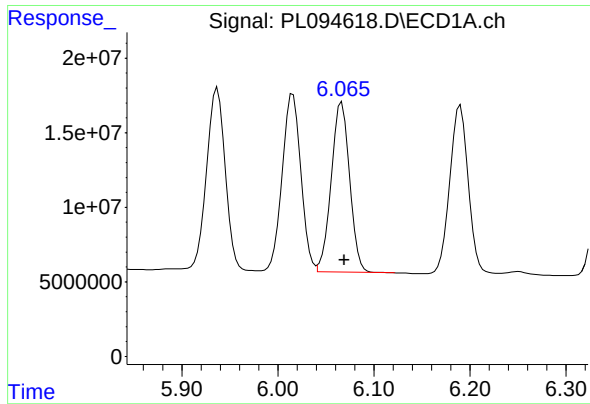
#8 Heptachlor epoxide

R.T.: 5.681 min  
Delta R.T.: -0.002 min  
Response: 164041939  
Conc: 49.04 ng/ml



#8 Heptachlor epoxide

R.T.: 4.723 min  
Delta R.T.: -0.002 min  
Response: 238627441  
Conc: 52.12 ng/ml



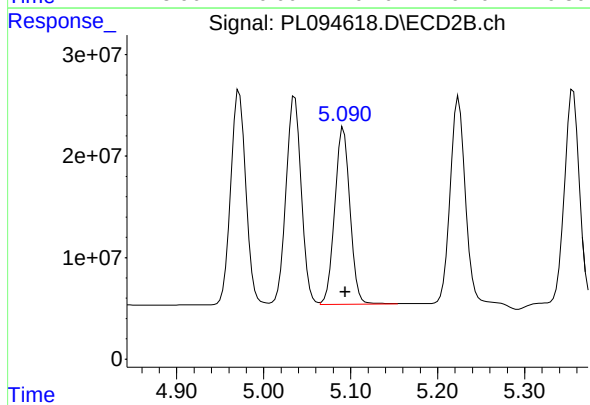
#9 Endosulfan I

R.T.: 6.067 min  
Delta R.T.: -0.003 min  
Response: 149980383  
Conc: 48.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

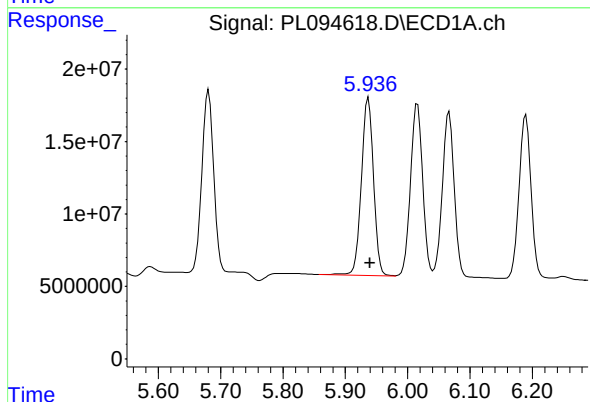
Manual Integrations  
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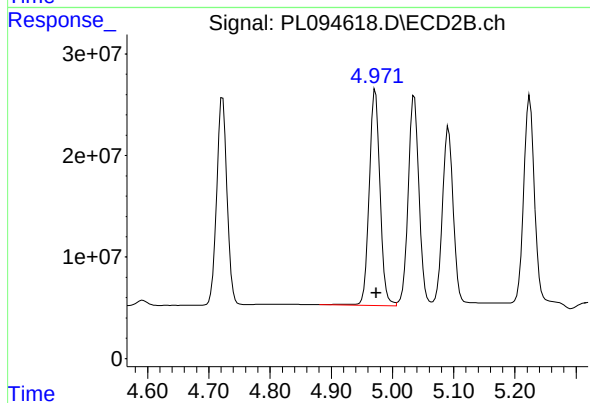
#9 Endosulfan I

R.T.: 5.090 min  
Delta R.T.: -0.004 min  
Response: 211955216  
Conc: 48.30 ng/ml m



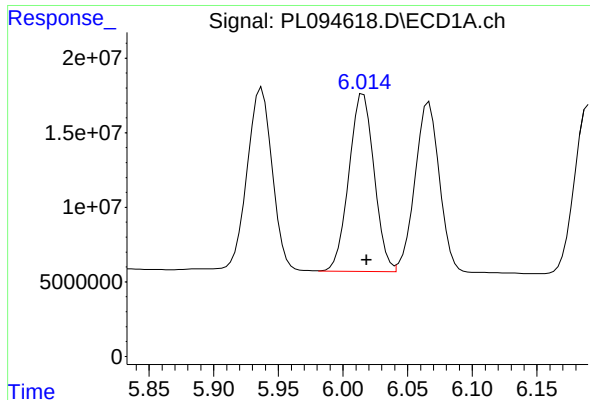
#10 gamma-Chlordane

R.T.: 5.937 min  
Delta R.T.: -0.002 min  
Response: 167245797  
Conc: 49.64 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min  
Delta R.T.: -0.002 min  
Response: 259687819  
Conc: 53.78 ng/ml



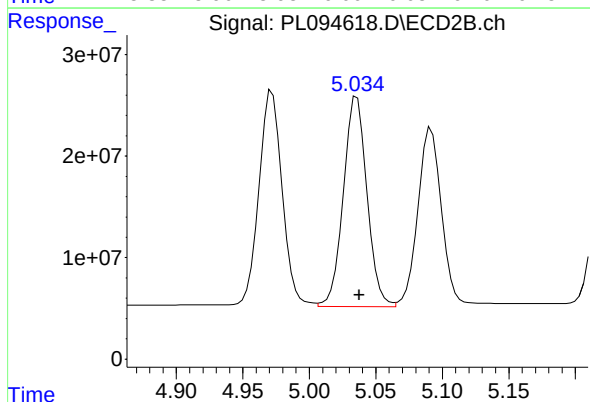
#11 alpha-Chlordane

R.T.: 6.016 min  
Delta R.T.: -0.003 min  
Response: 161604028  
Conc: 49.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

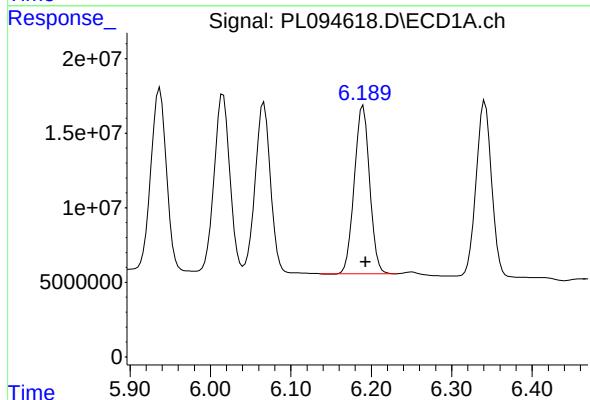
Manual Integrations  
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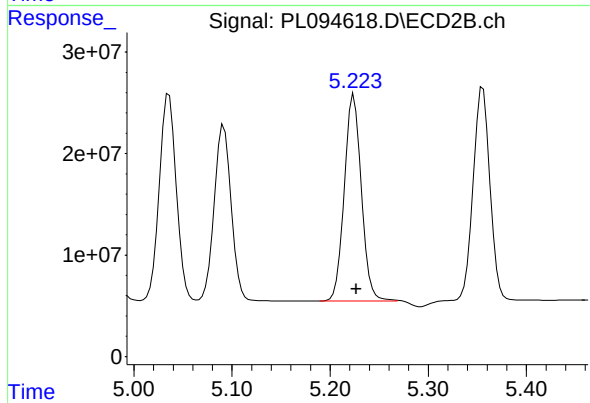
#11 alpha-Chlordane

R.T.: 5.036 min  
Delta R.T.: -0.002 min  
Response: 256078940  
Conc: 53.65 ng/ml



#12 4,4'-DDE

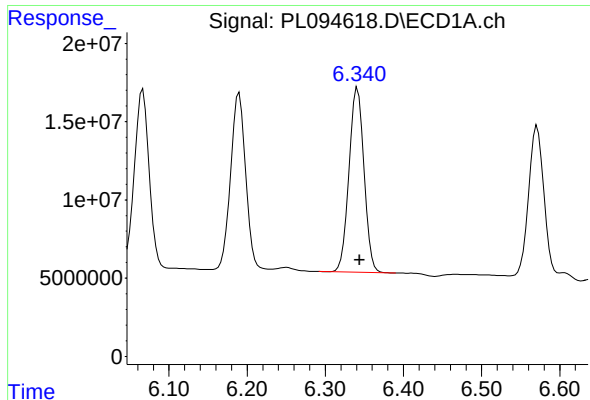
R.T.: 6.190 min  
Delta R.T.: -0.003 min  
Response: 149449752  
Conc: 50.80 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min  
Delta R.T.: -0.004 min  
Response: 246547576  
Conc: 53.04 ng/ml m





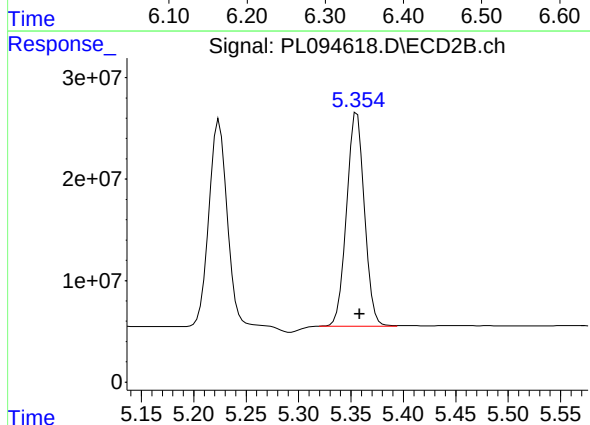
#13 Dieldrin

R.T.: 6.341 min  
Delta R.T.: -0.003 min  
Response: 157034974  
Conc: 49.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

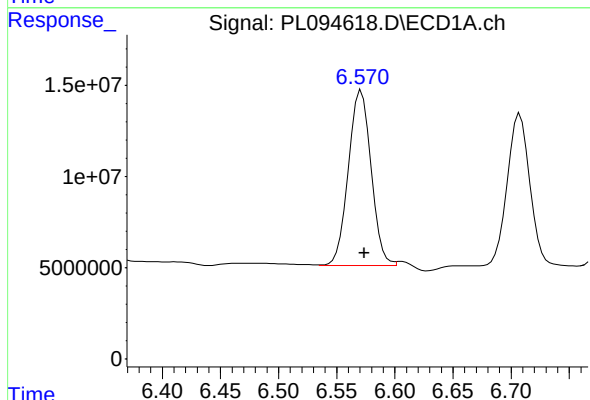
Manual Integrations  
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Reviewed By :Abdul Mirza 03/12/2025  
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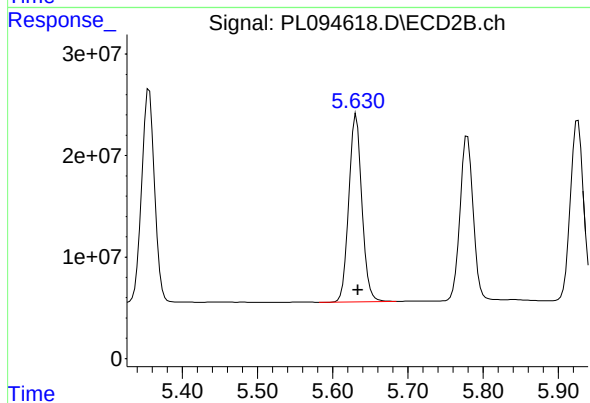
#13 Dieldrin

R.T.: 5.354 min  
Delta R.T.: -0.004 min  
Response: 250732323  
Conc: 51.68 ng/ml



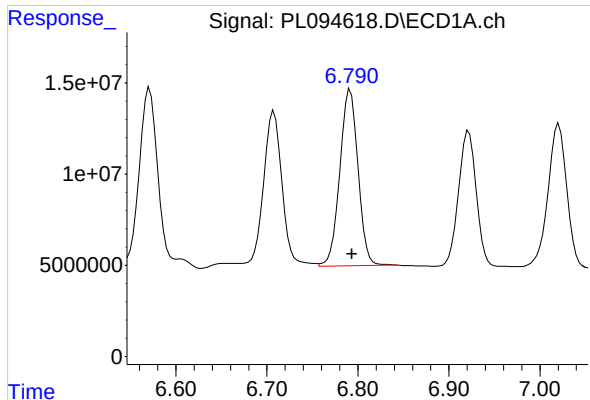
#14 Endrin

R.T.: 6.570 min  
Delta R.T.: -0.004 min  
Response: 130401801  
Conc: 47.04 ng/ml



#14 Endrin

R.T.: 5.631 min  
Delta R.T.: -0.002 min  
Response: 222566878  
Conc: 51.00 ng/ml



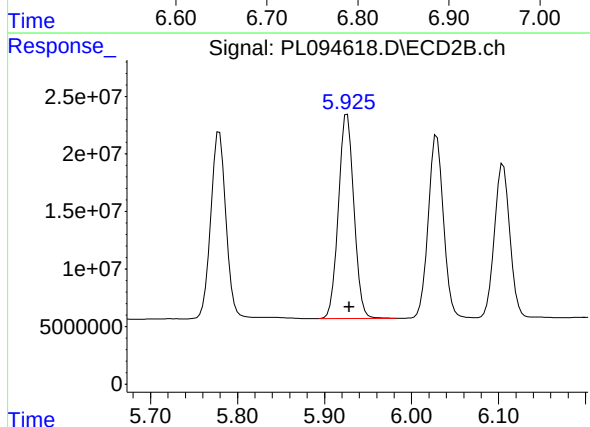
#15 Endosulfan II

R.T.: 6.792 min  
Delta R.T.: -0.002 min  
Response: 134539516  
Conc: 49.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

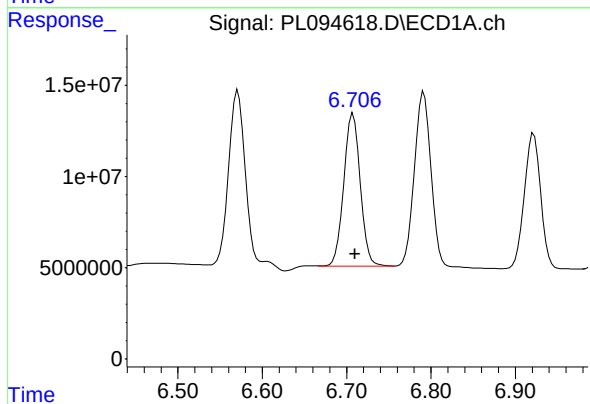
Manual Integrations  
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Reviewed By :Abdul Mirza 03/12/2025  
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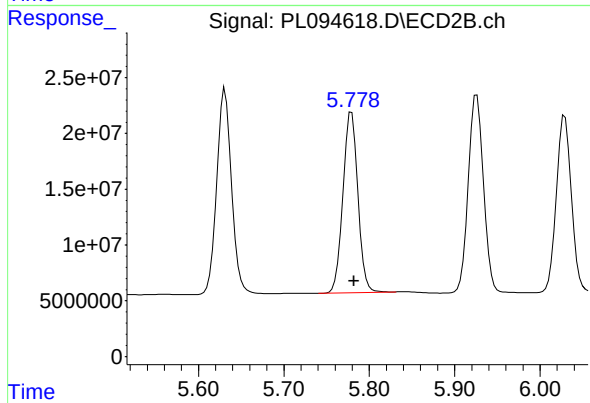
#15 Endosulfan II

R.T.: 5.926 min  
Delta R.T.: -0.003 min  
Response: 220152863  
Conc: 50.86 ng/ml



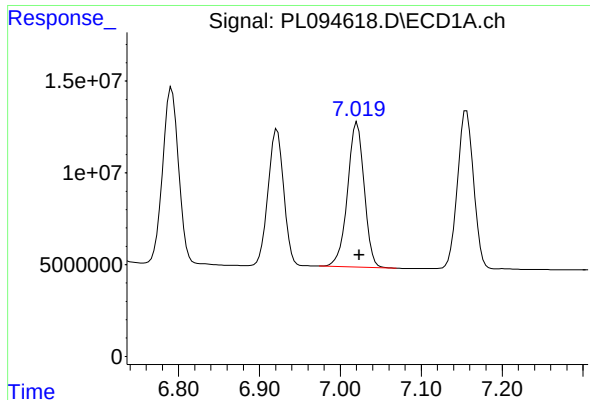
#16 4,4'-DDD

R.T.: 6.706 min  
Delta R.T.: -0.004 min  
Response: 113627620  
Conc: 52.46 ng/ml m



#16 4,4'-DDD

R.T.: 5.779 min  
Delta R.T.: -0.003 min  
Response: 196511725  
Conc: 54.65 ng/ml



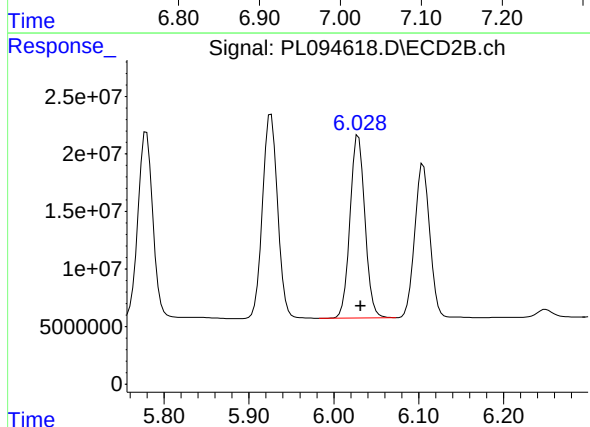
#17 4,4'-DDT

R.T.: 7.021 min  
Delta R.T.: -0.003 min  
Response: 112716005  
Conc: 47.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

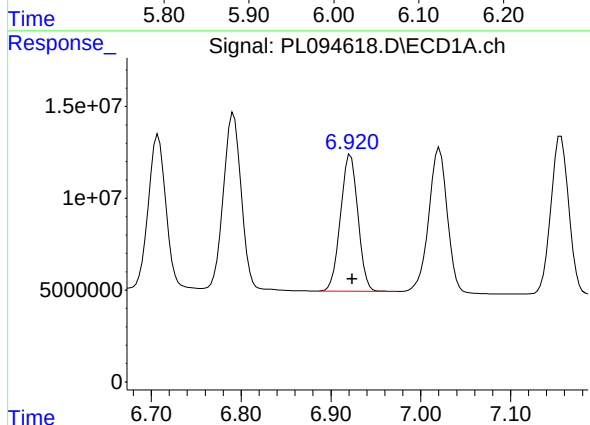
Manual Integrations  
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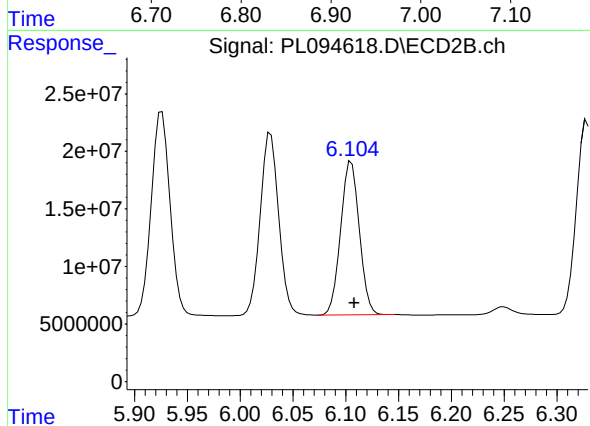
#17 4,4'-DDT

R.T.: 6.029 min  
Delta R.T.: -0.003 min  
Response: 193448544  
Conc: 47.98 ng/ml



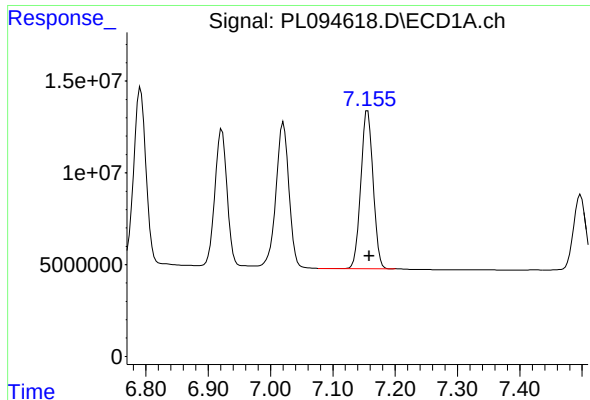
#18 Endrin aldehyde

R.T.: 6.922 min  
Delta R.T.: -0.002 min  
Response: 100158706  
Conc: 47.45 ng/ml



#18 Endrin aldehyde

R.T.: 6.105 min  
Delta R.T.: -0.003 min  
Response: 164435987  
Conc: 48.86 ng/ml



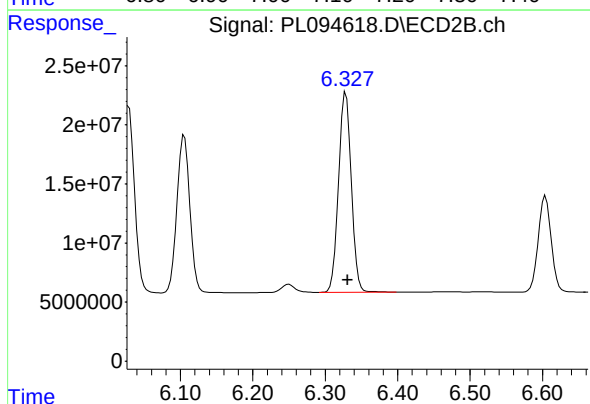
#19 Endosulfan Sulfate

R.T.: 7.156 min  
Delta R.T.: -0.003 min  
Response: 118306616  
Conc: 48.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

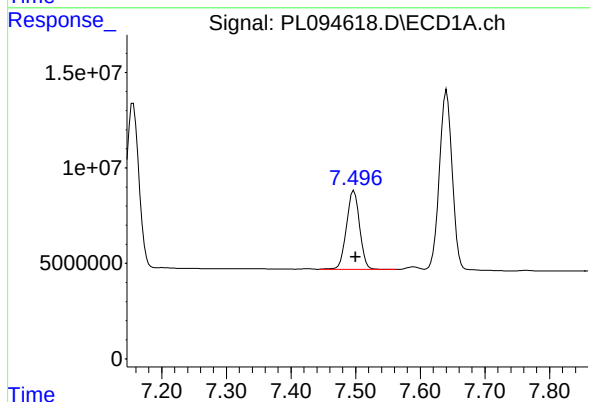
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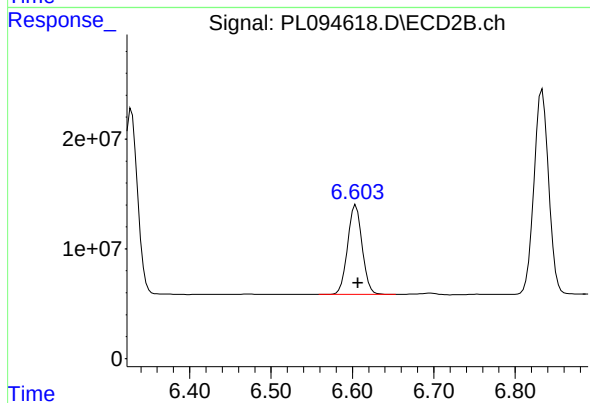
#19 Endosulfan Sulfate

R.T.: 6.328 min  
Delta R.T.: -0.002 min  
Response: 206997813  
Conc: 50.82 ng/ml



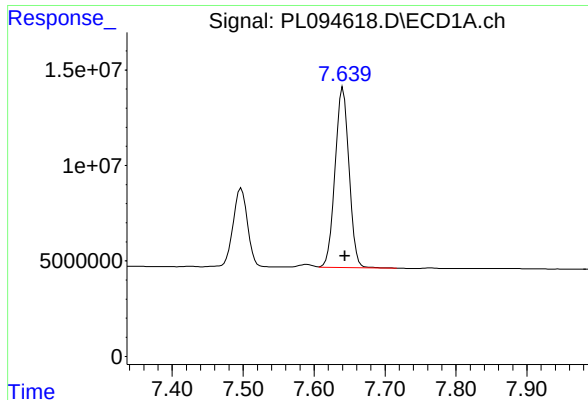
#20 Methoxychlor

R.T.: 7.497 min  
Delta R.T.: -0.002 min  
Response: 58274967  
Conc: 48.68 ng/ml



#20 Methoxychlor

R.T.: 6.604 min  
Delta R.T.: -0.003 min  
Response: 101508990  
Conc: 47.86 ng/ml



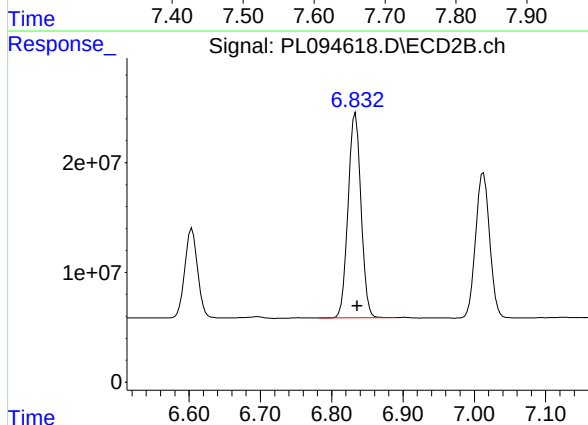
#21 Endrin ketone

R.T.: 7.641 min  
Delta R.T.: -0.003 min  
Response: 129103323  
Conc: 48.84 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

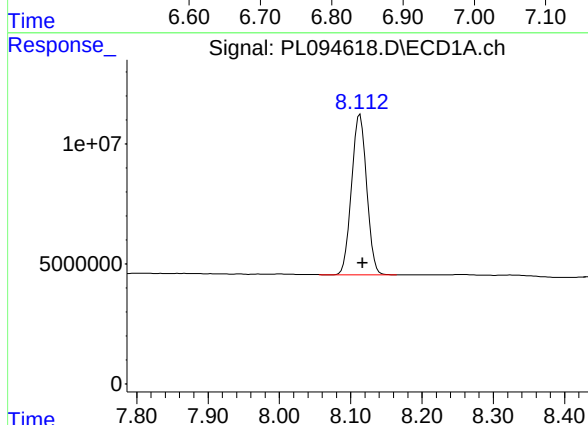
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025



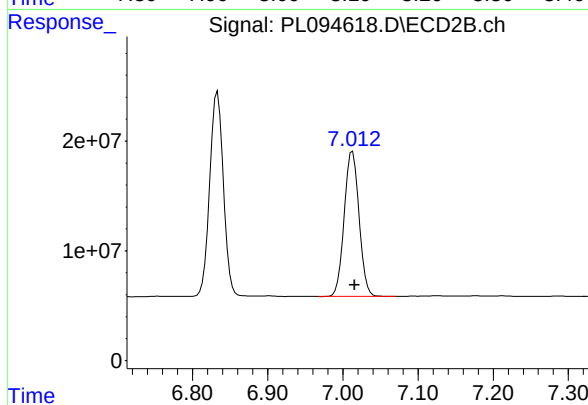
#21 Endrin ketone

R.T.: 6.833 min  
Delta R.T.: -0.002 min  
Response: 235048163  
Conc: 49.25 ng/ml



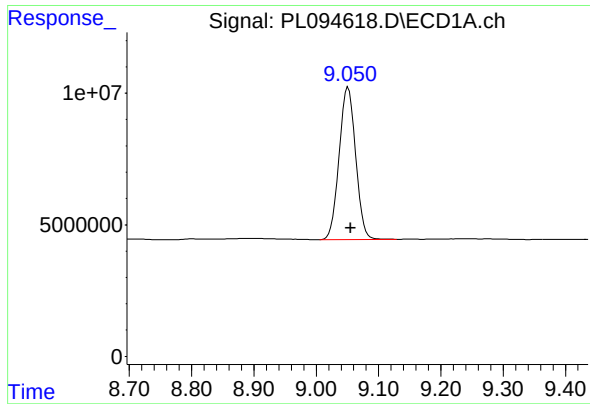
#22 Mirex

R.T.: 8.113 min  
Delta R.T.: -0.004 min  
Response: 98539740  
Conc: 47.69 ng/ml



#22 Mirex

R.T.: 7.013 min  
Delta R.T.: -0.003 min  
Response: 181134855  
Conc: 47.73 ng/ml



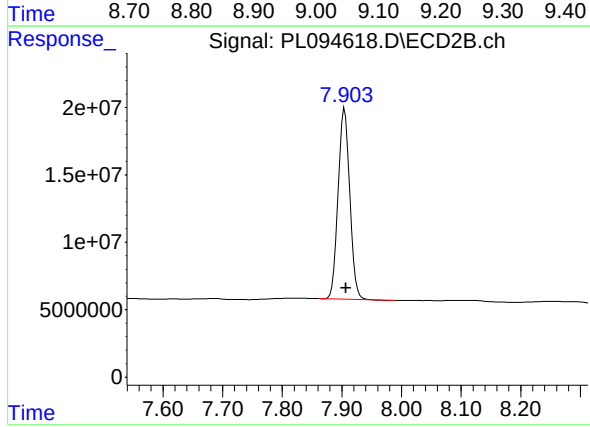
#28 Decachlorobiphenyl

R.T.: 9.051 min  
Delta R.T.: -0.005 min  
Response: 106579561  
Conc: 50.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025



#28 Decachlorobiphenyl

R.T.: 7.905 min  
Delta R.T.: -0.002 min  
Response: 192559378  
Conc: 47.67 ng/ml