

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080524\  
 Data File : PL090805.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 05 Aug 2024 22:44  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 08/06/2024  
 Supervised By :Ankita Jodhani 08/06/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 06 10:59:37 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080524.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 06 10:55:36 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...          | 3.543 | 2.785 | 98223981 | 89494099 | 50.729  | 51.766  |
| 28) SA Decachlor...         | 9.053 | 7.925 | 72937604 | 84062964 | 50.766  | 50.362  |
| Target Compounds            |       |       |          |          |         |         |
| 2) A alpha-BHC              | 3.998 | 3.289 | 138.8E6  | 130.9E6  | 50.237  | 53.123  |
| 3) MA gamma-BHC...          | 4.331 | 3.619 | 131.8E6  | 123.2E6  | 50.127  | 52.641  |
| 4) MA Heptachlor            | 4.919 | 3.959 | 119.5E6  | 118.5E6  | 48.315  | 51.120  |
| 5) MB Aldrin                | 5.261 | 4.239 | 116.9E6  | 116.5E6  | 48.624  | 52.552  |
| 6) B beta-BHC               | 4.526 | 3.917 | 62333466 | 53942803 | 49.515  | 50.715  |
| 7) B delta-BHC              | 4.774 | 4.147 | 124.6E6  | 120.0E6  | 49.763  | 53.682  |
| 8) B Heptachlo...           | 5.687 | 4.741 | 114.3E6  | 103.5E6  | 50.280  | 50.778  |
| 9) A Endosulfan I           | 6.071 | 5.111 | 102.2E6  | 94710486 | 48.733  | 49.045  |
| 10) B gamma-Chl...          | 5.941 | 4.992 | 109.1E6  | 108.0E6  | 48.291m | 50.565  |
| 11) B alpha-Chl...          | 6.021 | 5.055 | 109.2E6  | 107.7E6  | 48.775  | 50.465  |
| 12) B 4,4'-DDE              | 6.194 | 5.243 | 95357974 | 95414140 | 48.103  | 50.863m |
| 13) MA Dieldrin             | 6.346 | 5.376 | 108.0E6  | 104.2E6  | 49.220  | 50.471  |
| 14) MA Endrin               | 6.576 | 5.650 | 85474232 | 89035324 | 46.670  | 48.727  |
| 15) B Endosulfa...          | 6.794 | 5.944 | 95046829 | 91571950 | 47.397  | 50.417  |
| 16) A 4,4'-DDD              | 6.710 | 5.798 | 81750605 | 80612178 | 49.589  | 51.950  |
| 17) MA 4,4'-DDT             | 7.023 | 6.049 | 83275344 | 79669712 | 46.711  | 48.044  |
| 18) B Endrin al...          | 6.924 | 6.123 | 73873074 | 70847132 | 49.051  | 50.040  |
| 19) B Endosulfa...          | 7.158 | 6.346 | 87035932 | 87813571 | 48.525  | 50.303  |
| 20) A Methoxychlor          | 7.499 | 6.624 | 43495775 | 44723422 | 45.582  | 48.453  |
| 21) B Endrin ke...          | 7.643 | 6.852 | 97752149 | 101.3E6  | 49.335  | 51.094  |
| 22) Mirex                   | 8.117 | 7.033 | 75671898 | 82452092 | 48.680  | 49.099  |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL080524\  
Data File : PL090805.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 05 Aug 2024 22:44  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

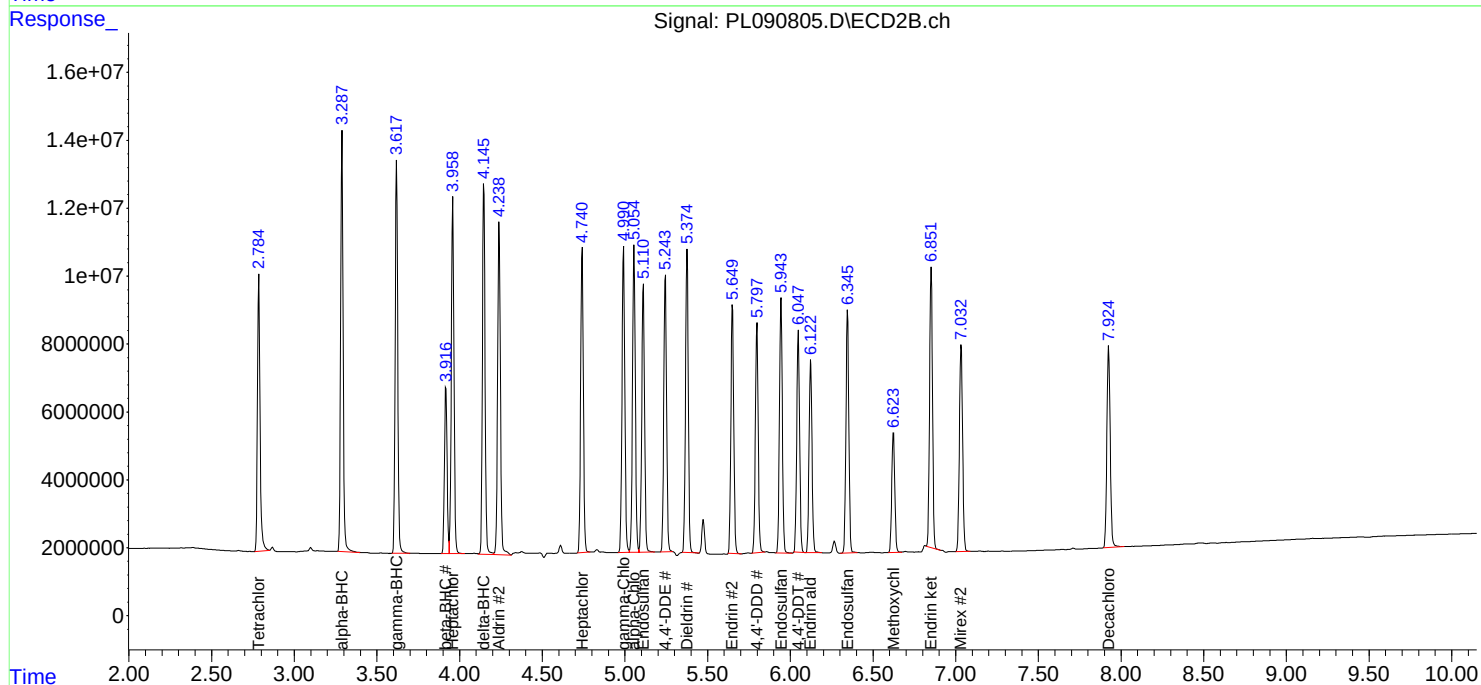
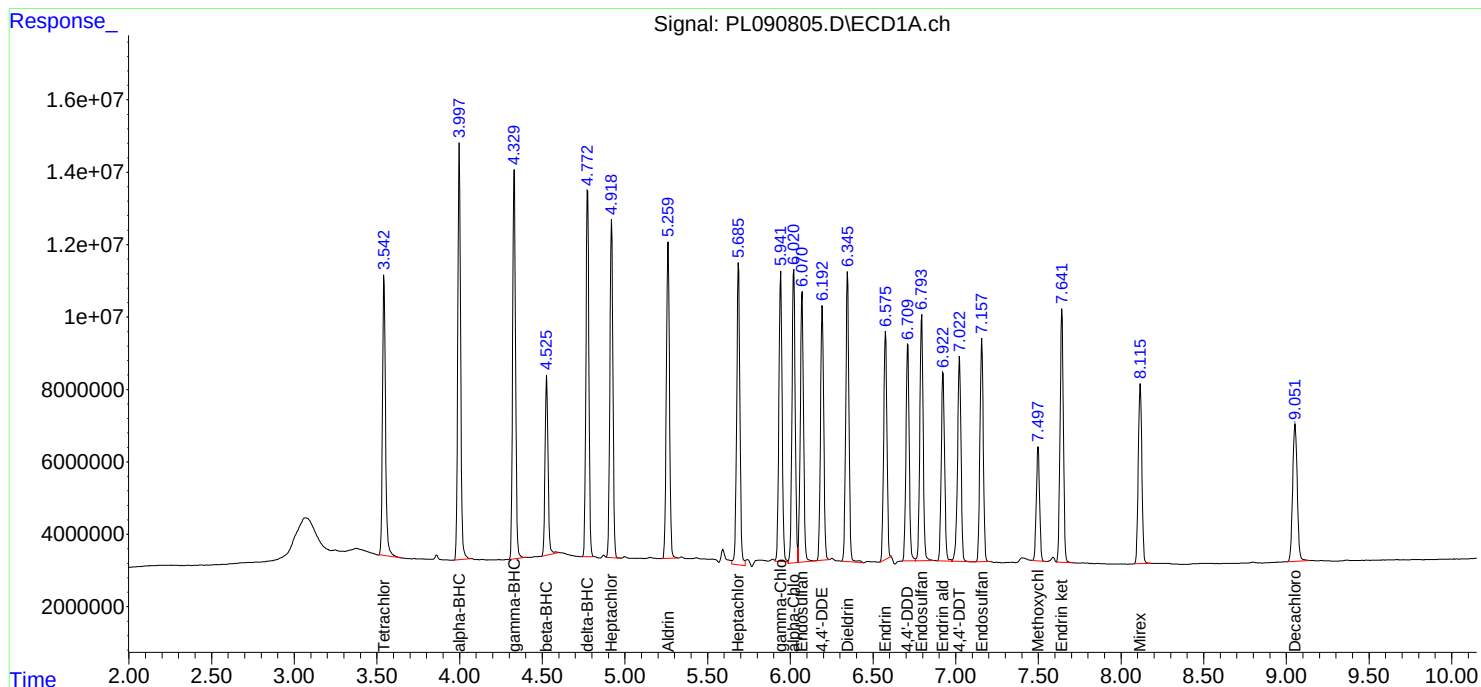
## APPROVED

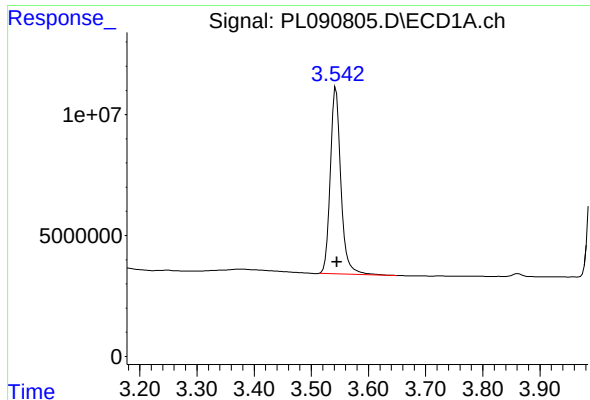
Reviewed By :Abdul Mirza 08/06/2024

Supervised By :Ankita Jodhani 08/06/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 06 10:59:37 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080524.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 06 10:55:36 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





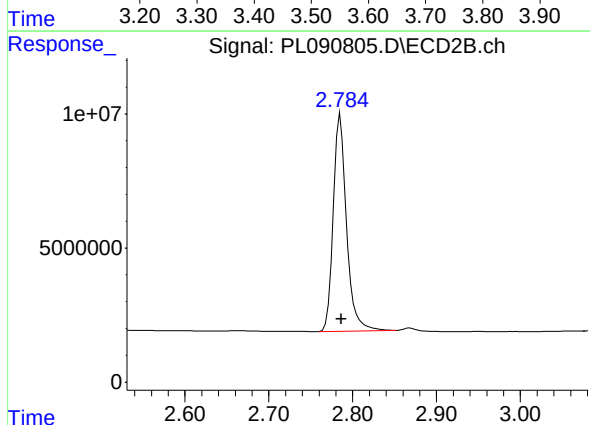
#1 Tetrachloro-m-xylene

R.T.: 3.543 min  
Delta R.T.: -0.002 min  
Response: 98223981  
Conc: 50.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

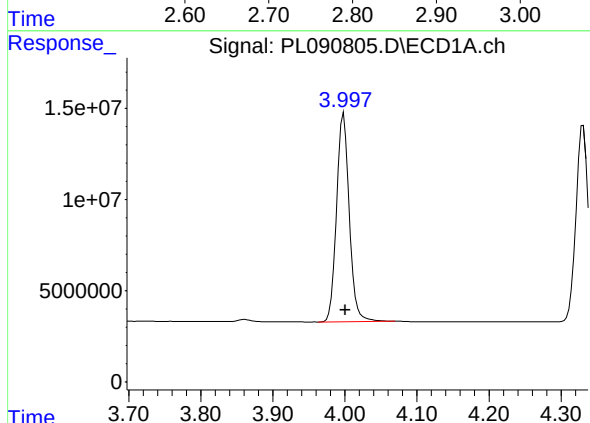
Manual Integrations  
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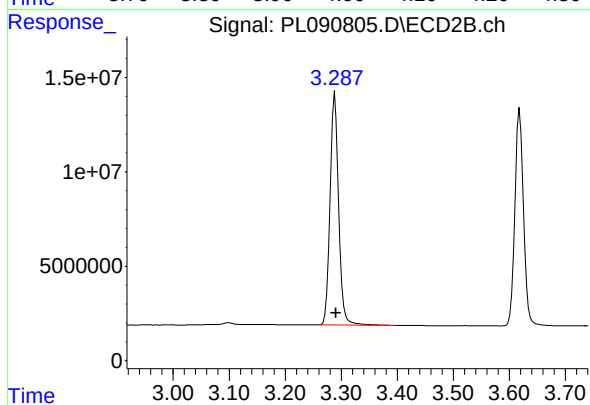
#1 Tetrachloro-m-xylene

R.T.: 2.785 min  
Delta R.T.: -0.001 min  
Response: 89494099  
Conc: 51.77 ng/ml



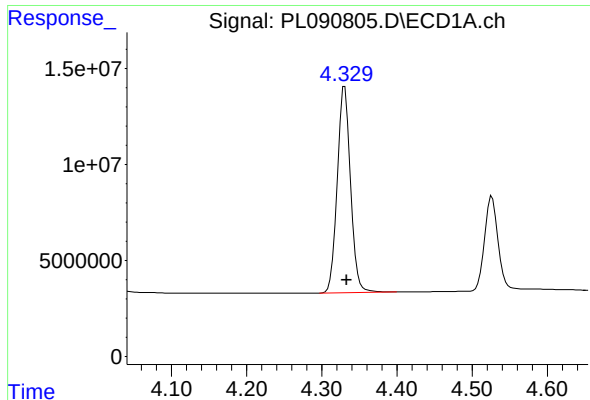
#2 alpha-BHC

R.T.: 3.998 min  
Delta R.T.: -0.002 min  
Response: 138764038  
Conc: 50.24 ng/ml



#2 alpha-BHC

R.T.: 3.289 min  
Delta R.T.: -0.002 min  
Response: 130865785  
Conc: 53.12 ng/ml



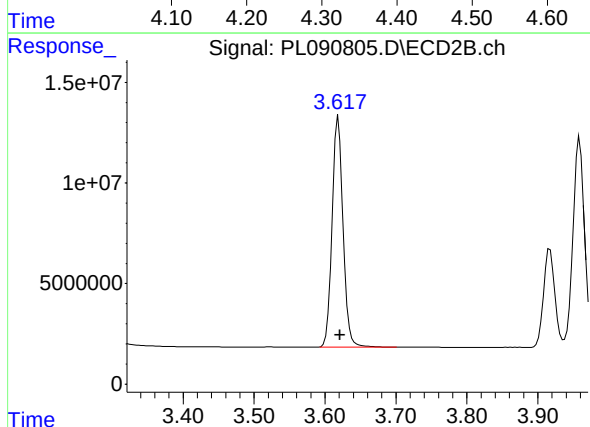
#3 gamma-BHC (Lindane)

R.T.: 4.331 min  
Delta R.T.: -0.003 min  
Response: 131837710  
Conc: 50.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

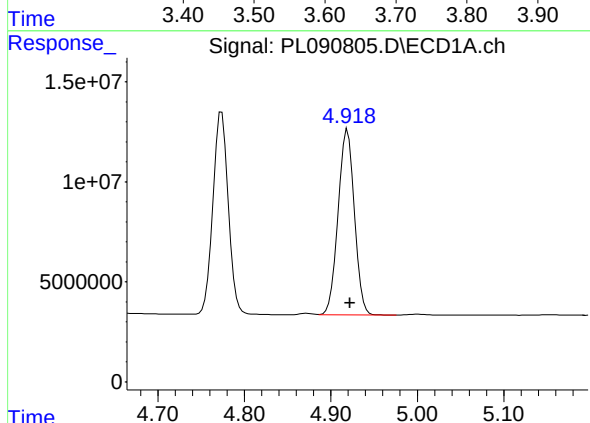
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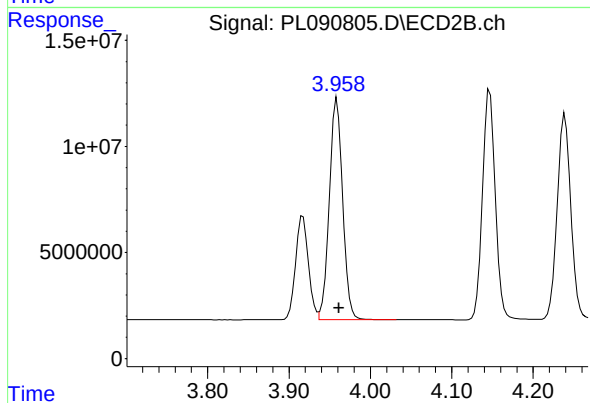
#3 gamma-BHC (Lindane)

R.T.: 3.619 min  
Delta R.T.: -0.002 min  
Response: 123244047  
Conc: 52.64 ng/ml



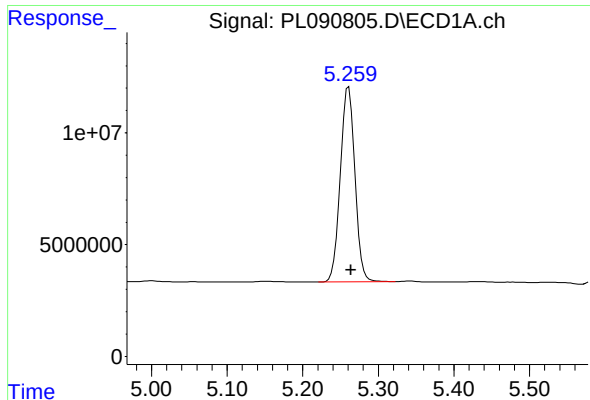
#4 Heptachlor

R.T.: 4.919 min  
Delta R.T.: -0.003 min  
Response: 119487937  
Conc: 48.32 ng/ml



#4 Heptachlor

R.T.: 3.959 min  
Delta R.T.: -0.002 min  
Response: 118526369  
Conc: 51.12 ng/ml



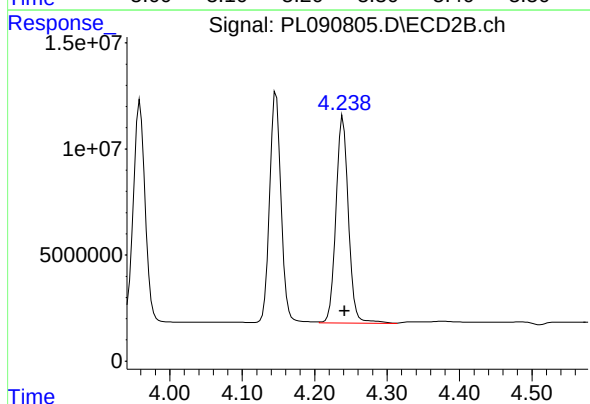
#5 Aldrin

R.T.: 5.261 min  
Delta R.T.: -0.003 min  
Response: 116883081  
Conc: 48.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

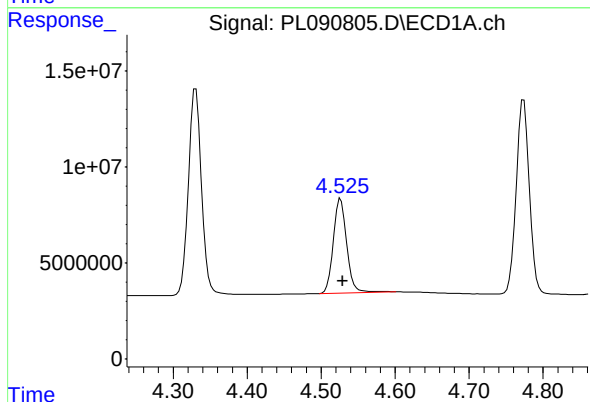
Manual Integrations  
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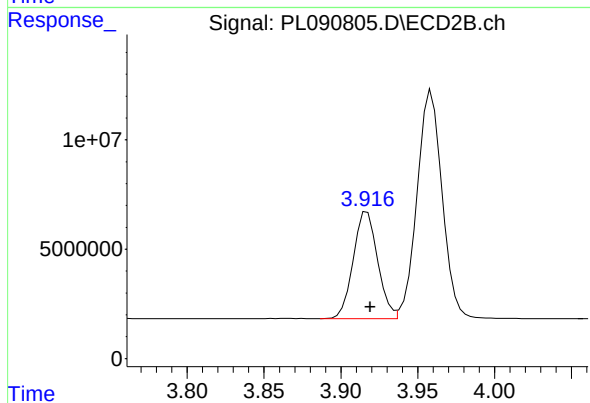
#5 Aldrin

R.T.: 4.239 min  
Delta R.T.: -0.003 min  
Response: 116512979  
Conc: 52.55 ng/ml



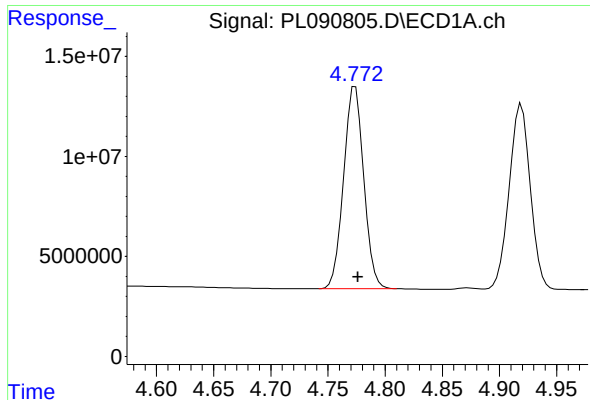
#6 beta-BHC

R.T.: 4.526 min  
Delta R.T.: -0.003 min  
Response: 62333466  
Conc: 49.51 ng/ml



#6 beta-BHC

R.T.: 3.917 min  
Delta R.T.: -0.002 min  
Response: 53942803  
Conc: 50.72 ng/ml



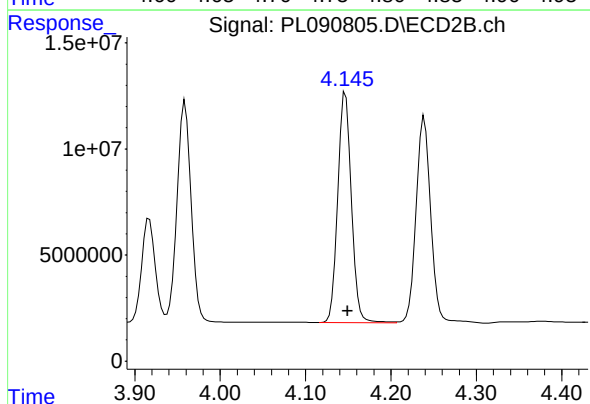
#7 delta-BHC

R.T.: 4.774 min  
Delta R.T.: -0.002 min  
Response: 124580730  
Conc: 49.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

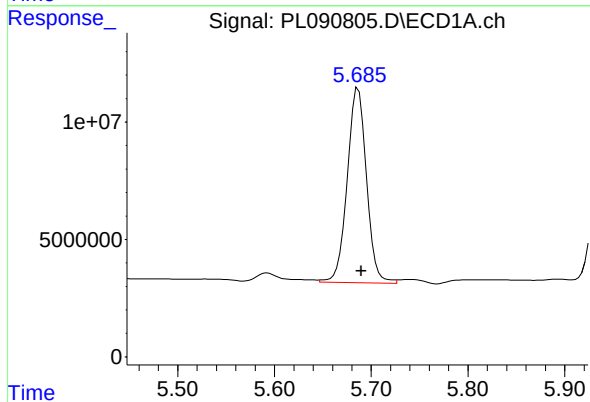
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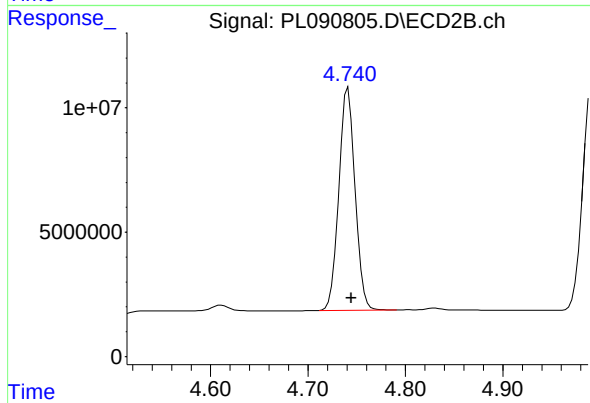
#7 delta-BHC

R.T.: 4.147 min  
Delta R.T.: -0.003 min  
Response: 119967465  
Conc: 53.68 ng/ml



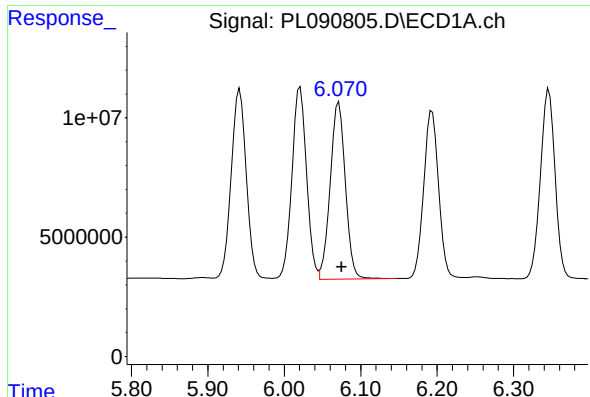
#8 Heptachlor epoxide

R.T.: 5.687 min  
Delta R.T.: -0.003 min  
Response: 114259631  
Conc: 50.28 ng/ml



#8 Heptachlor epoxide

R.T.: 4.741 min  
Delta R.T.: -0.003 min  
Response: 103502386  
Conc: 50.78 ng/ml



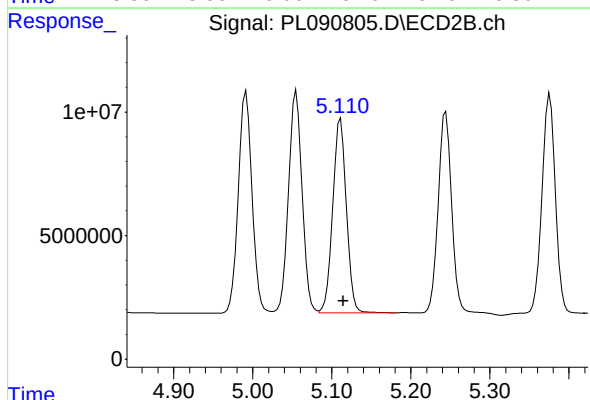
#9 Endosulfan I

R.T.: 6.071 min  
Delta R.T.: -0.004 min  
Response: 102154786  
Conc: 48.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

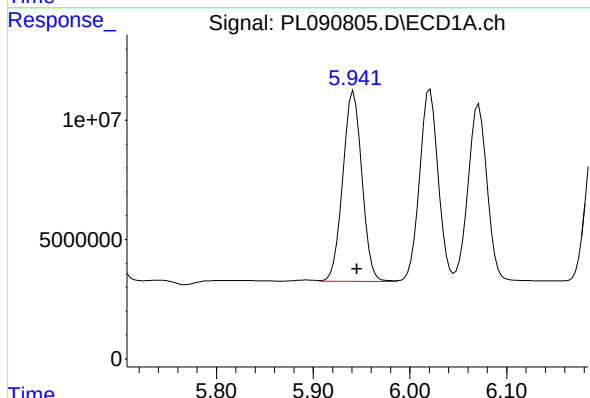
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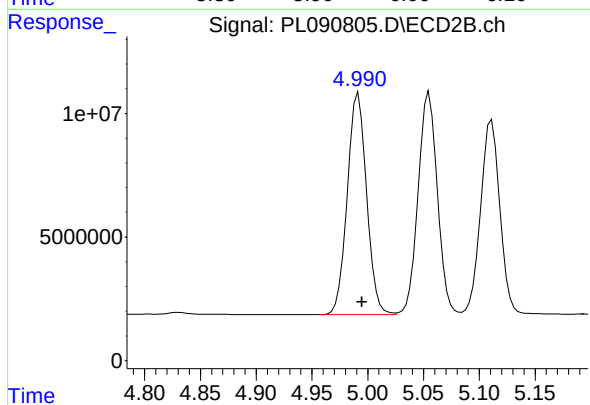
#9 Endosulfan I

R.T.: 5.111 min  
Delta R.T.: -0.003 min  
Response: 94710486  
Conc: 49.05 ng/ml



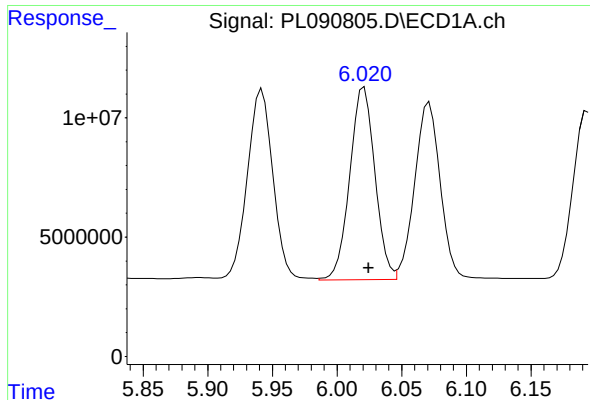
#10 gamma-Chlordane

R.T.: 5.941 min  
Delta R.T.: -0.005 min  
Response: 109116200  
Conc: 48.29 ng/ml m



#10 gamma-Chlordane

R.T.: 4.992 min  
Delta R.T.: -0.003 min  
Response: 107986987  
Conc: 50.56 ng/ml



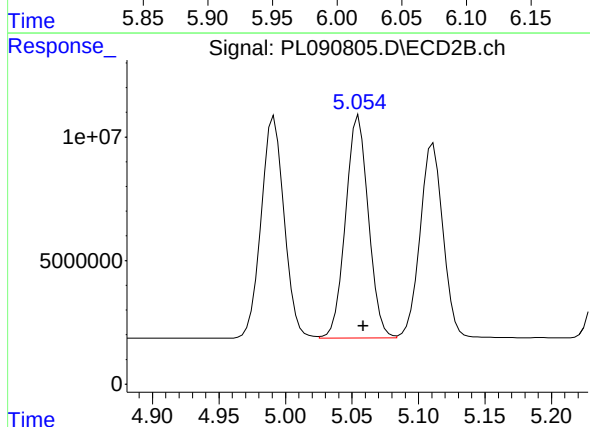
#11 alpha-Chlordane

R.T.: 6.021 min  
Delta R.T.: -0.003 min  
Response: 109234359  
Conc: 48.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

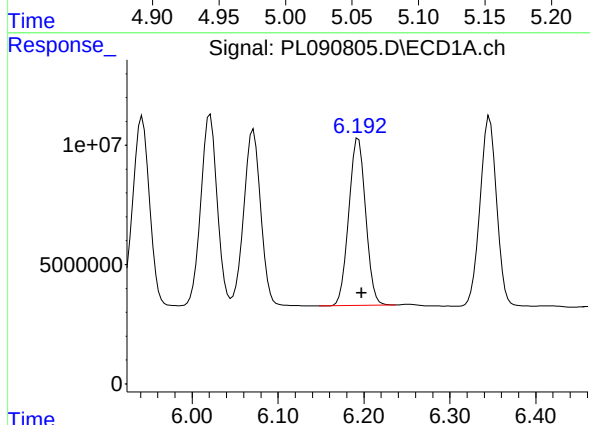
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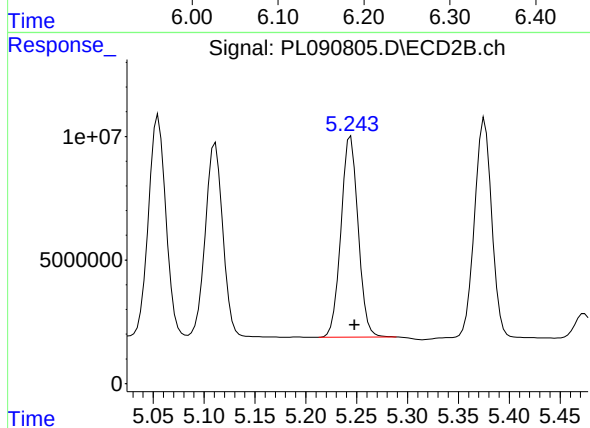
#11 alpha-Chlordane

R.T.: 5.055 min  
Delta R.T.: -0.003 min  
Response: 107670666  
Conc: 50.46 ng/ml



#12 4,4'-DDE

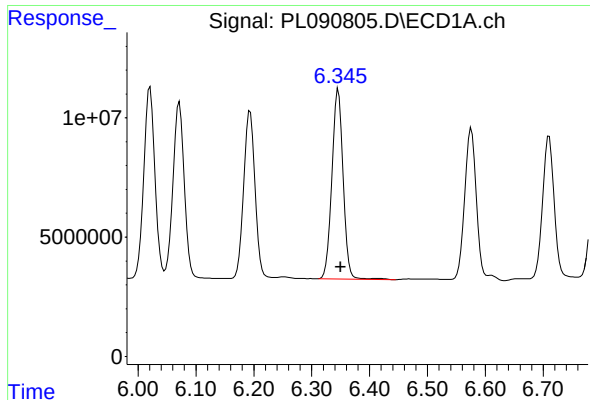
R.T.: 6.194 min  
Delta R.T.: -0.004 min  
Response: 95357974  
Conc: 48.10 ng/ml



#12 4,4'-DDE

R.T.: 5.243 min  
Delta R.T.: -0.005 min  
Response: 95414140  
Conc: 50.86 ng/ml m





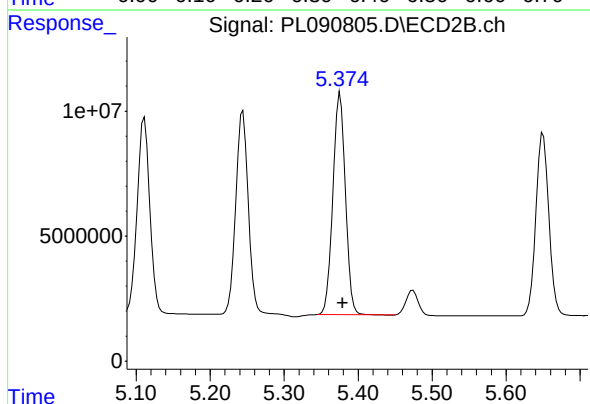
#13 Dieldrin

R.T.: 6.346 min  
Delta R.T.: -0.004 min  
Response: 107955233  
Conc: 49.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

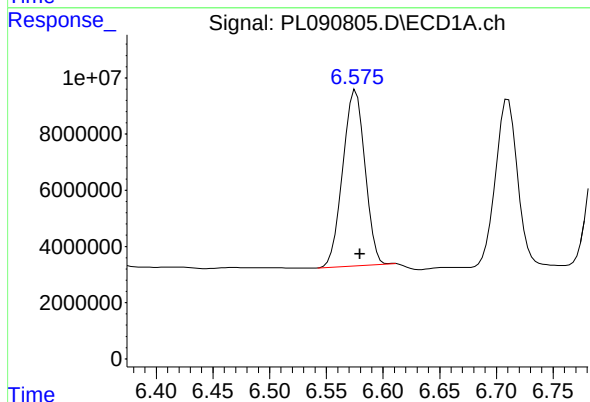
Manual Integrations  
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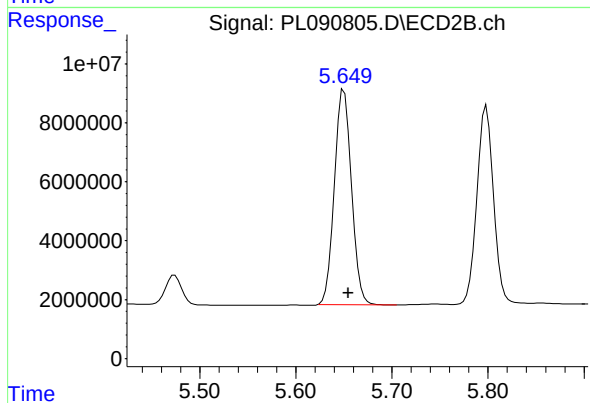
#13 Dieldrin

R.T.: 5.376 min  
Delta R.T.: -0.003 min  
Response: 104210174  
Conc: 50.47 ng/ml



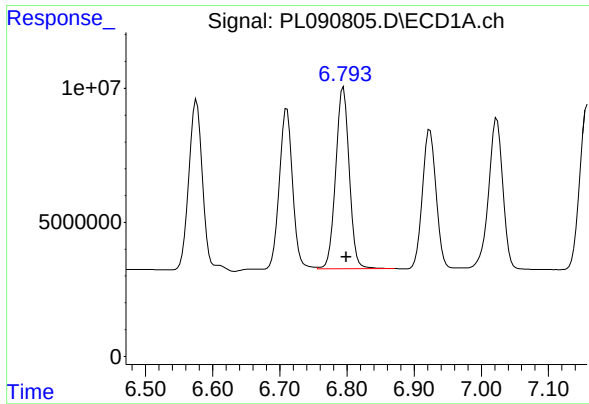
#14 Endrin

R.T.: 6.576 min  
Delta R.T.: -0.004 min  
Response: 85474232  
Conc: 46.67 ng/ml



#14 Endrin

R.T.: 5.650 min  
Delta R.T.: -0.004 min  
Response: 89035324  
Conc: 48.73 ng/ml



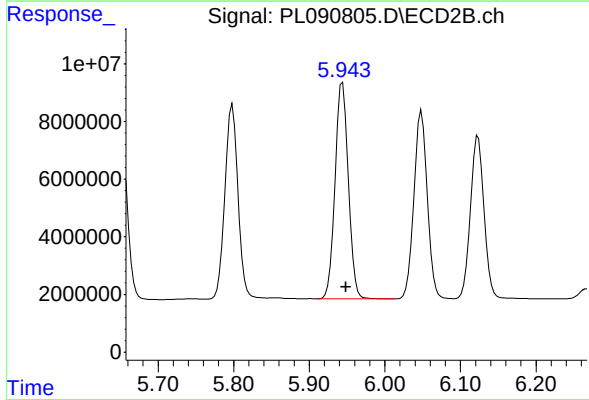
#15 Endosulfan II

R.T.: 6.794 min  
Delta R.T.: -0.004 min  
Response: 95046829  
Conc: 47.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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Mirza

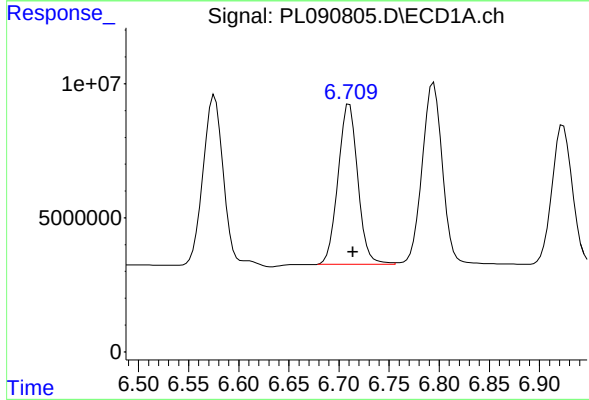


#15 Endosulfan II

R.T.: 5.944 min  
Delta R.T.: -0.004 min  
Response: 91571950  
Conc: 50.42 ng/ml

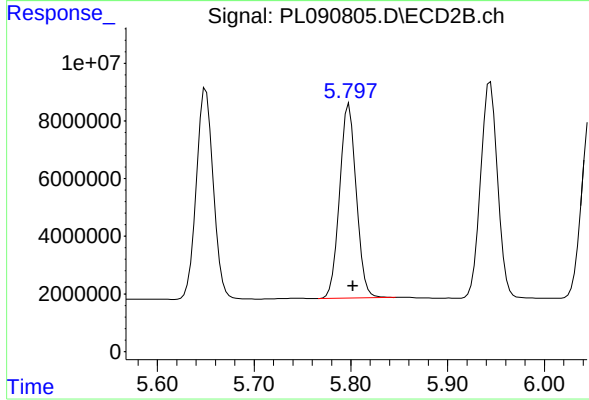
08/06/2024  
Supervised By :Ankita  
Jodhani

08/06/2024



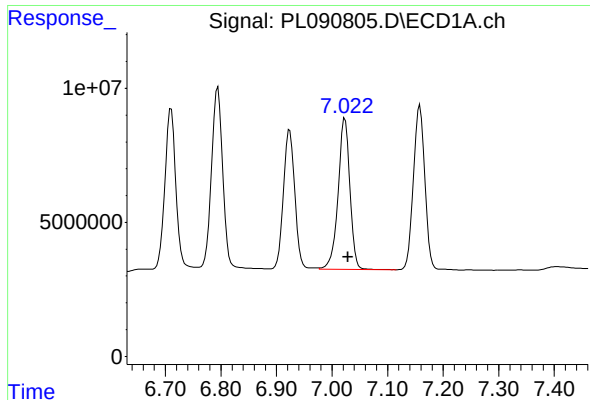
#16 4,4'-DDD

R.T.: 6.710 min  
Delta R.T.: -0.004 min  
Response: 81750605  
Conc: 49.59 ng/ml



#16 4,4'-DDD

R.T.: 5.798 min  
Delta R.T.: -0.004 min  
Response: 80612178  
Conc: 51.95 ng/ml



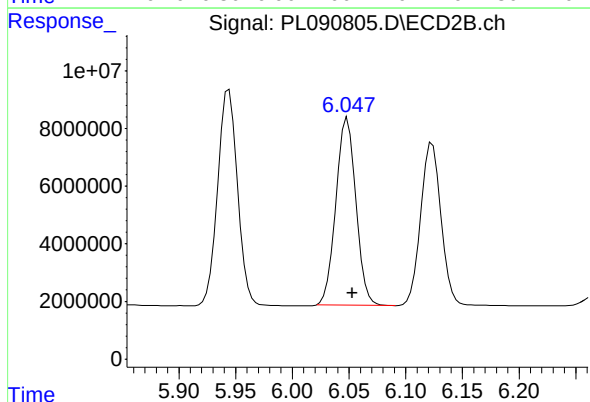
#17 4,4'-DDT

R.T.: 7.023 min  
Delta R.T.: -0.005 min  
Response: 83275344  
Conc: 46.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

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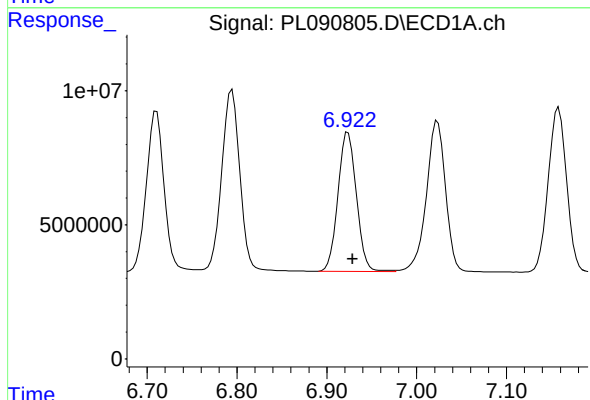


#17 4,4'-DDT

R.T.: 6.049 min  
Delta R.T.: -0.004 min  
Response: 79669712  
Conc: 48.04 ng/ml

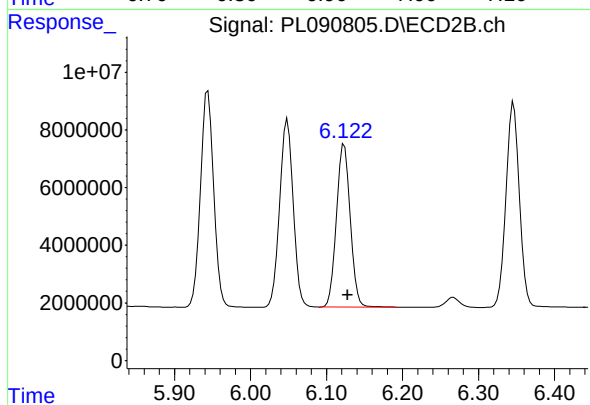
08/06/2024  
Supervised By :Ankita  
Jodhani

08/06/2024



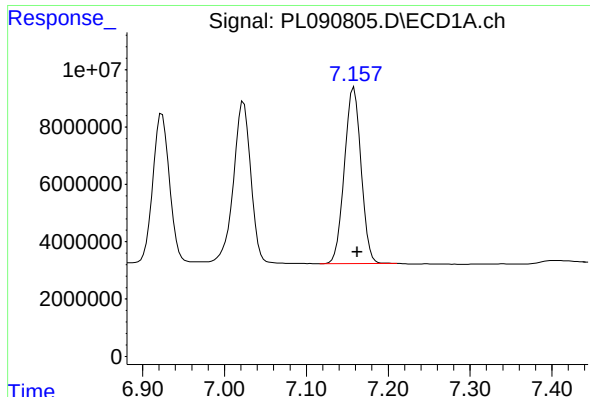
#18 Endrin aldehyde

R.T.: 6.924 min  
Delta R.T.: -0.005 min  
Response: 73873074  
Conc: 49.05 ng/ml



#18 Endrin aldehyde

R.T.: 6.123 min  
Delta R.T.: -0.005 min  
Response: 70847132  
Conc: 50.04 ng/ml



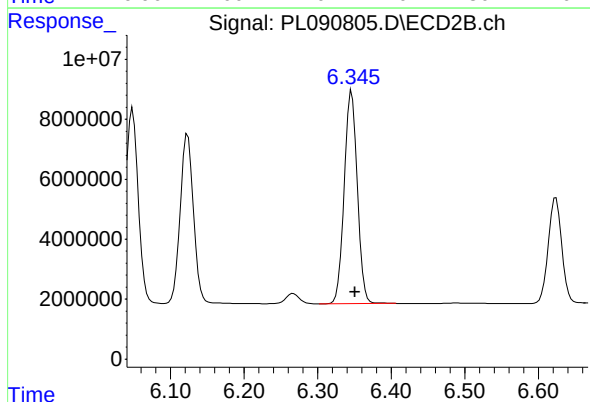
#19 Endosulfan Sulfate

R.T.: 7.158 min  
Delta R.T.: -0.005 min  
Response: 87035932  
Conc: 48.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

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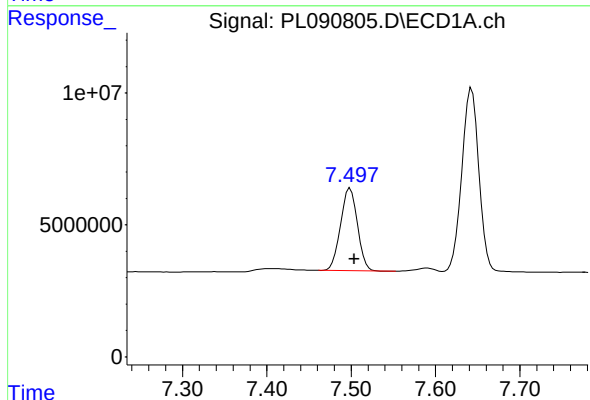


#19 Endosulfan Sulfate

R.T.: 6.346 min  
Delta R.T.: -0.005 min  
Response: 87813571  
Conc: 50.30 ng/ml

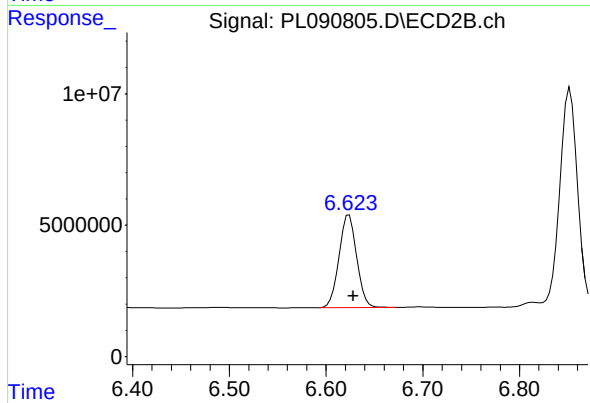
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Jodhani

08/06/2024



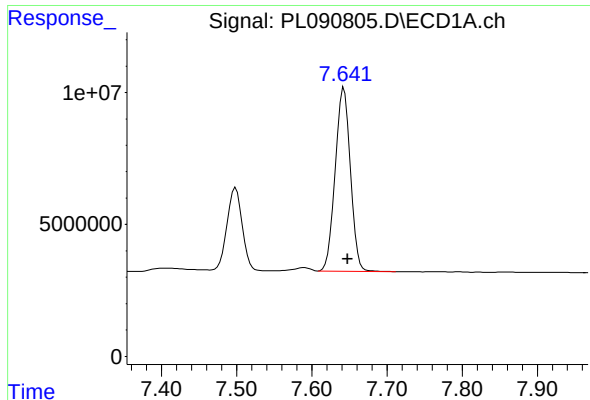
#20 Methoxychlor

R.T.: 7.499 min  
Delta R.T.: -0.005 min  
Response: 43495775  
Conc: 45.58 ng/ml



#20 Methoxychlor

R.T.: 6.624 min  
Delta R.T.: -0.004 min  
Response: 44723422  
Conc: 48.45 ng/ml



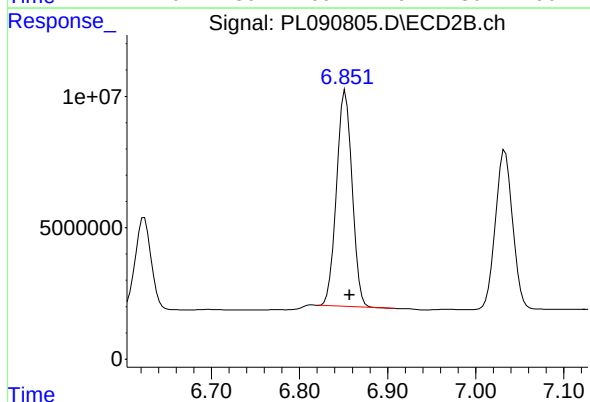
#21 Endrin ketone

R.T.: 7.643 min  
Delta R.T.: -0.005 min  
Response: 97752149  
Conc: 49.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul  
Mirza

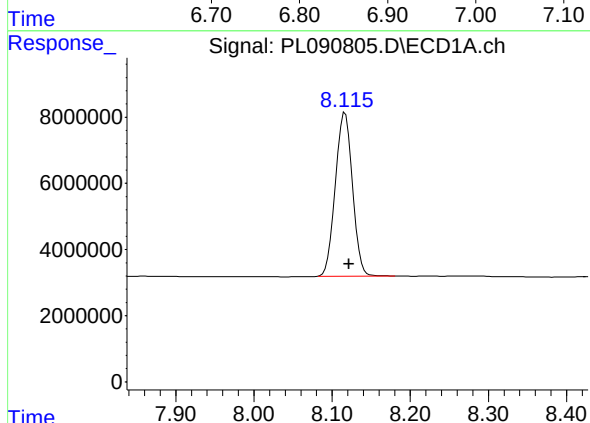


#21 Endrin ketone

R.T.: 6.852 min  
Delta R.T.: -0.005 min  
Response: 101263877  
Conc: 51.09 ng/ml

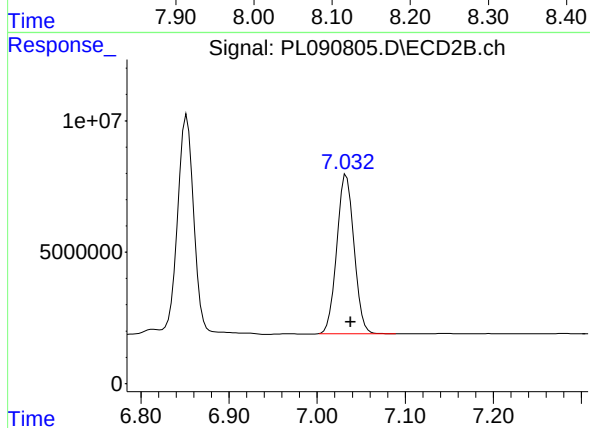
08/06/2024  
Supervised By :Ankita  
Jodhani

08/06/2024



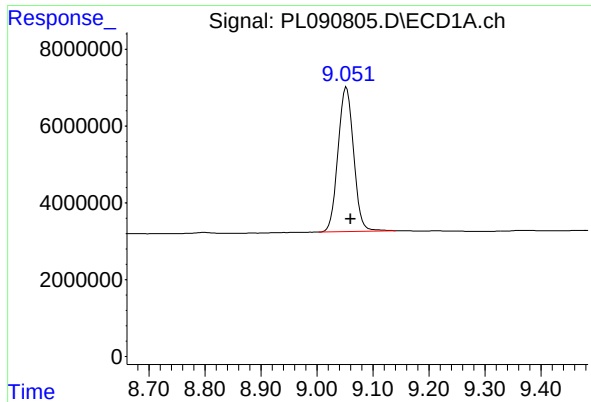
#22 Mirex

R.T.: 8.117 min  
Delta R.T.: -0.005 min  
Response: 75671898  
Conc: 48.68 ng/ml



#22 Mirex

R.T.: 7.033 min  
Delta R.T.: -0.005 min  
Response: 82452092  
Conc: 49.10 ng/ml



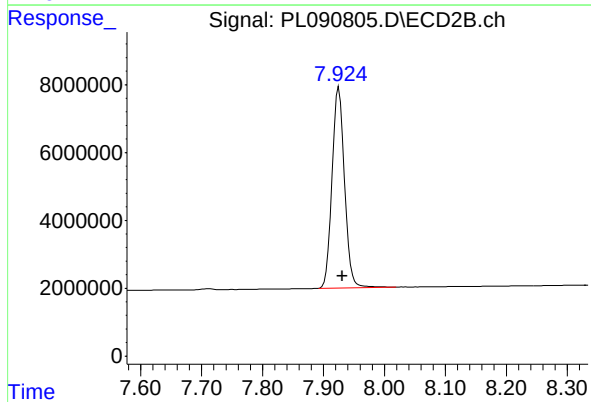
#28 Decachlorobiphenyl

R.T.: 9.053 min  
Delta R.T.: -0.007 min  
Response: 72937604  
Conc: 50.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul  
Mirza



#28 Decachlorobiphenyl

R.T.: 7.925 min  
Delta R.T.: -0.006 min  
Response: 84062964  
Conc: 50.36 ng/ml

08/06/2024  
Supervised By :Ankita  
Jodhani

08/06/2024