

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081224\  
 Data File : PL090985.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 12 Aug 2024 10:52  
 Operator : AR\AJ  
 Sample : P3530-02MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 WC-A-04-202408MSD

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 08/13/2024  
 Supervised By :Ankita Jodhani 08/14/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 13 01:24:22 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...          | 3.546 | 2.787 | 47060142 | 40474206 | 24.305  | 23.412  |
| 28) SA Decachlor...         | 9.062 | 7.931 | 39330048 | 41245868 | 27.374  | 24.710  |
| Target Compounds            |       |       |          |          |         |         |
| 2) A alpha-BHC              | 4.002 | 3.290 | 174.4E6  | 155.1E6  | 63.150  | 62.964m |
| 3) MA gamma-BHC...          | 4.334 | 3.622 | 163.5E6  | 152.9E6  | 62.176  | 65.298  |
| 4) MA Heptachlor            | 4.923 | 3.962 | 153.1E6  | 150.2E6  | 61.911  | 64.782  |
| 5) MB Aldrin                | 5.265 | 4.242 | 147.2E6  | 143.3E6  | 61.218  | 64.636  |
| 6) B beta-BHC               | 4.531 | 3.920 | 75431218 | 66673421 | 59.919  | 62.684  |
| 7) B delta-BHC              | 4.778 | 4.150 | 155.3E6  | 144.0E6  | 62.036  | 64.430  |
| 8) B Heptachlo...           | 5.691 | 4.745 | 148.0E6  | 130.0E6  | 65.123  | 63.758  |
| 9) A Endosulfan I           | 6.077 | 5.115 | 114.2E6  | 108.7E6  | 54.464  | 56.288  |
| 10) B gamma-Chl...          | 5.946 | 4.995 | 135.4E6  | 136.2E6  | 59.928m | 63.767  |
| 11) B alpha-Chl...          | 6.026 | 5.060 | 136.1E6  | 143.6E6  | 60.758  | 67.327  |
| 12) B 4,4'-DDE              | 6.199 | 5.248 | 122.5E6  | 122.5E6  | 61.788  | 65.322  |
| 13) MA Dieldrin             | 6.352 | 5.380 | 133.8E6  | 132.0E6  | 61.015  | 63.923  |
| 14) MA Endrin               | 6.580 | 5.654 | 116.0E6  | 119.5E6  | 63.352m | 65.391m |
| 15) B Endosulfa...          | 6.800 | 5.949 | 87659297 | 83226623 | 43.713  | 45.823  |
| 16) A 4,4'-DDD              | 6.715 | 5.803 | 100.2E6  | 116.4E6  | 60.780m | 75.028  |
| 17) MA 4,4'-DDT             | 7.028 | 6.054 | 107.8E6  | 104.1E6  | 60.477m | 62.790  |
| 18) B Endrin al...          | 6.930 | 6.129 | 92040937 | 87082998 | 61.115  | 61.507  |
| 19) B Endosulfa...          | 7.165 | 6.352 | 109.5E6  | 108.8E6  | 61.032  | 62.323  |
| 20) A Methoxychlor          | 7.505 | 6.629 | 58833122 | 55226625 | 61.654  | 59.832  |
| 21) B Endrin ke...          | 7.649 | 6.857 | 120.8E6  | 123.0E6  | 60.975  | 62.045  |
| 22) Mirex                   | 8.123 | 7.039 | 93659333 | 100.6E6  | 60.251  | 59.886  |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081224\  
Data File : PL090985.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 12 Aug 2024 10:52  
Operator : AR\AJ  
Sample : P3530-02MSD  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

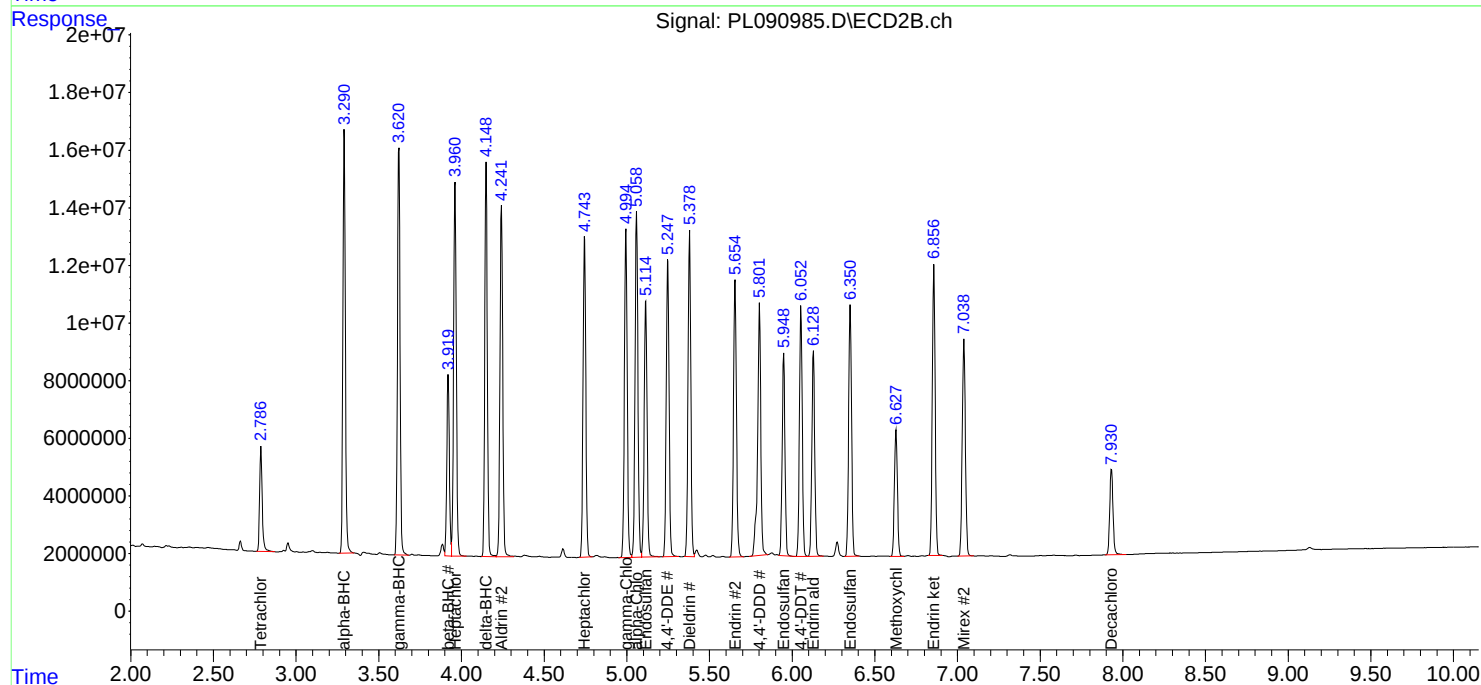
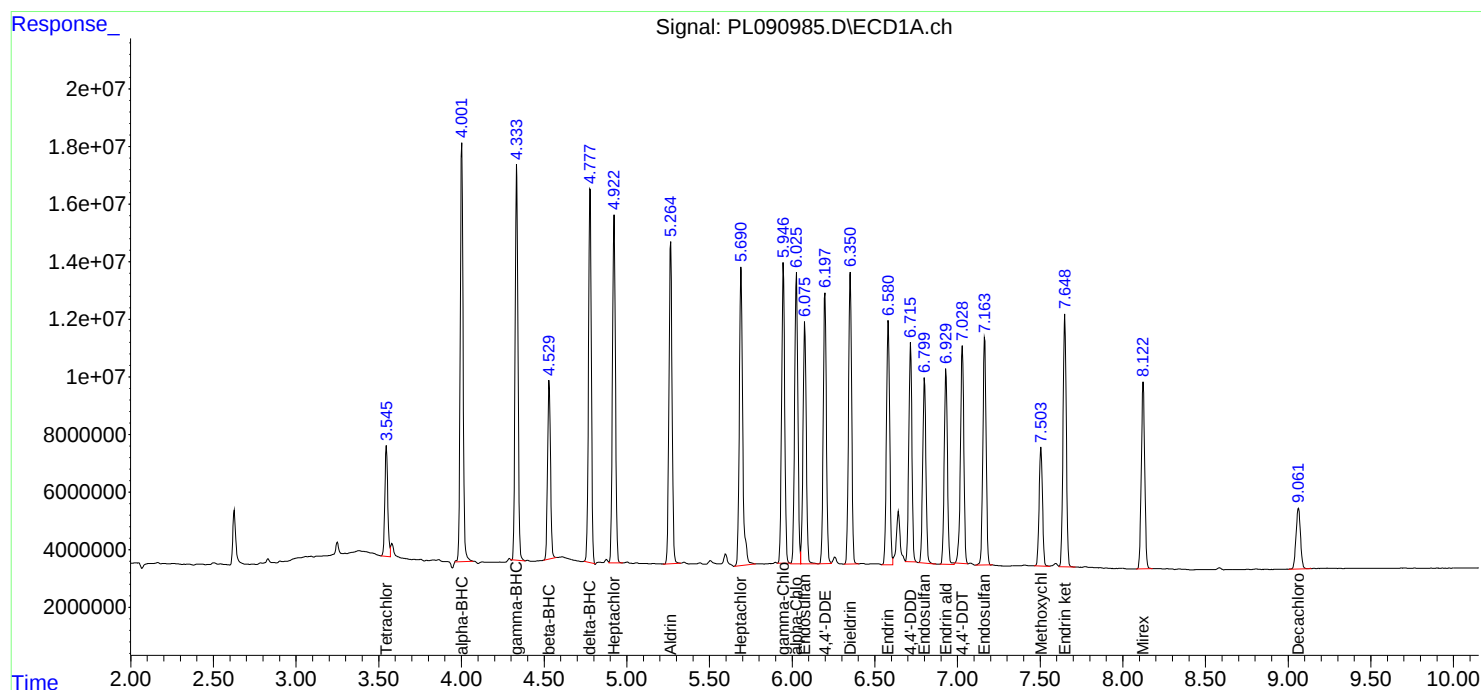
Instrument :  
ECD\_L  
ClientSampleId :  
WC-A-04-202408MSD

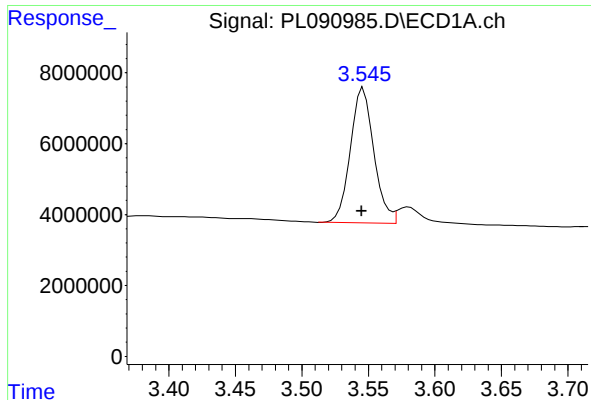
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 13 01:24:22 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL080524.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 06 10:55:36 2024  
Response via : Initial Calibration  
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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





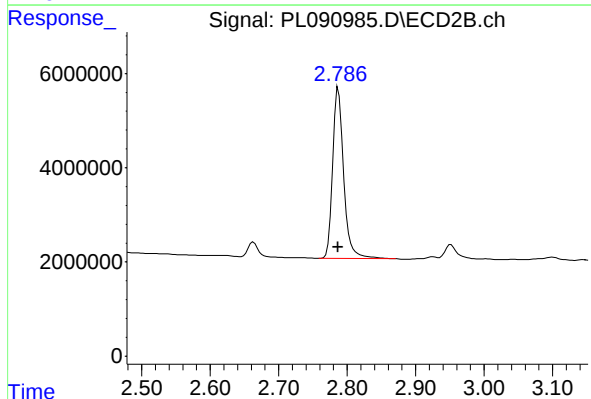
#1 Tetrachloro-m-xylene

R.T.: 3.546 min  
Delta R.T.: 0.001 min  
Response: 47060142  
Conc: 24.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-A-04-202408MSD

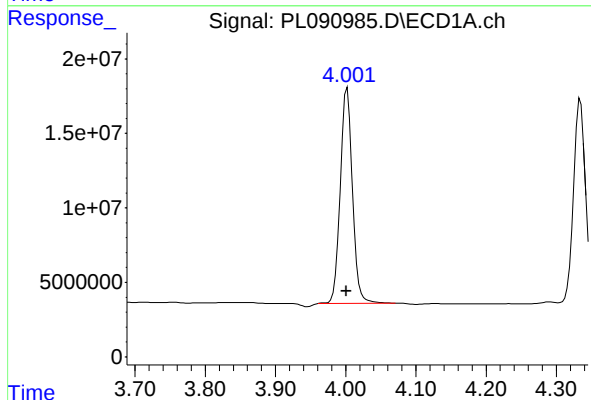
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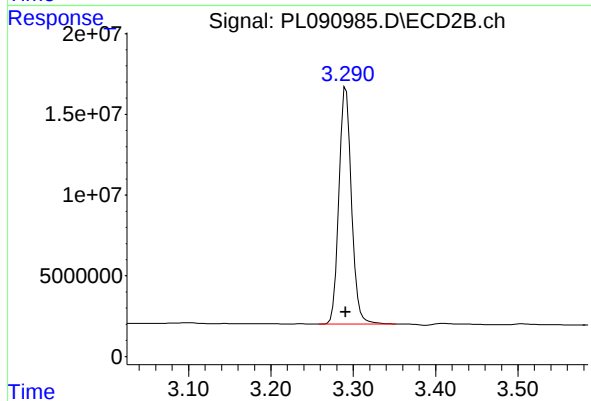
#1 Tetrachloro-m-xylene

R.T.: 2.787 min  
Delta R.T.: 0.000 min  
Response: 40474206  
Conc: 23.41 ng/ml



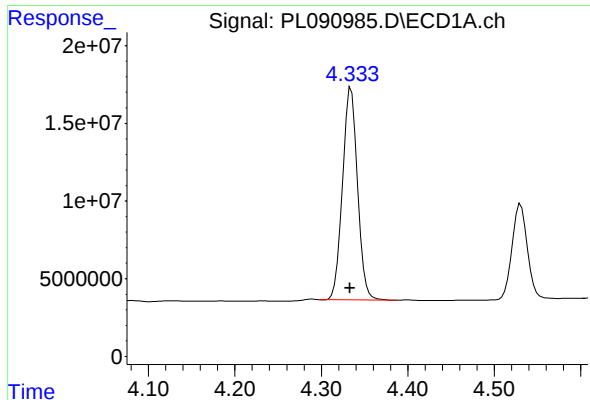
#2 alpha-BHC

R.T.: 4.002 min  
Delta R.T.: 0.001 min  
Response: 174431201  
Conc: 63.15 ng/ml



#2 alpha-BHC

R.T.: 3.290 min  
Delta R.T.: 0.000 min  
Response: 155107316  
Conc: 62.96 ng/ml m



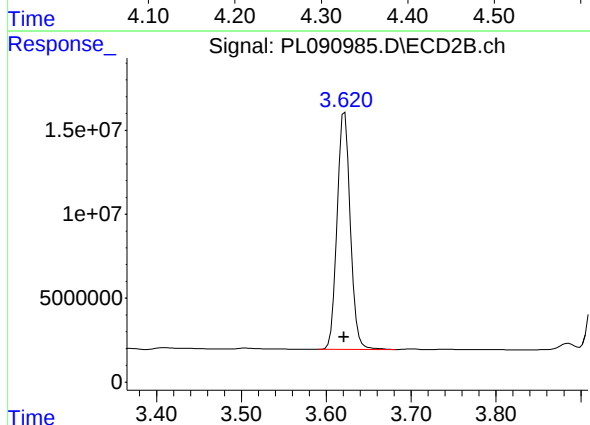
#3 gamma-BHC (Lindane)

R.T.: 4.334 min  
Delta R.T.: 0.001 min  
Response: 163529221  
Conc: 62.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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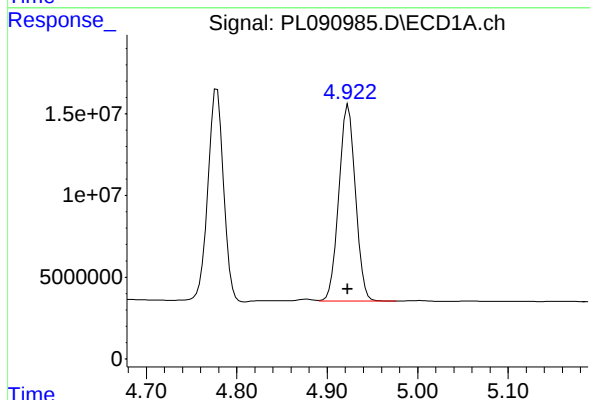
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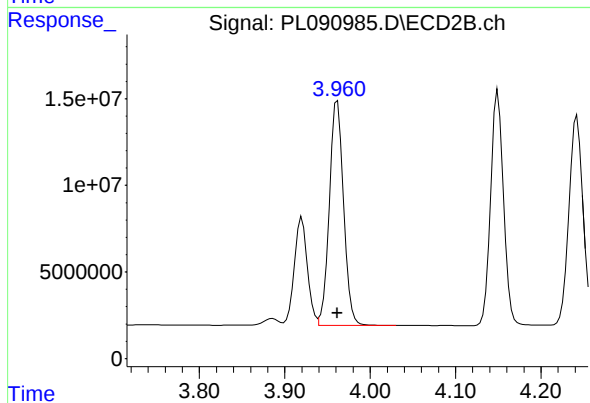
#3 gamma-BHC (Lindane)

R.T.: 3.622 min  
Delta R.T.: 0.000 min  
Response: 152876452  
Conc: 65.30 ng/ml



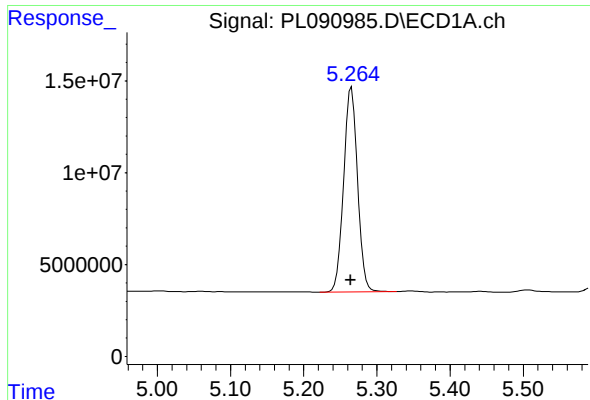
#4 Heptachlor

R.T.: 4.923 min  
Delta R.T.: 0.001 min  
Response: 153111455  
Conc: 61.91 ng/ml



#4 Heptachlor

R.T.: 3.962 min  
Delta R.T.: 0.000 min  
Response: 150202409  
Conc: 64.78 ng/ml



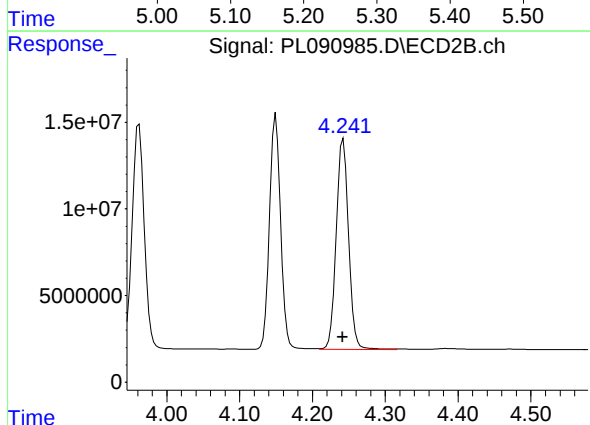
#5 Aldrin

R.T.: 5.265 min  
Delta R.T.: 0.001 min  
Response: 147155625  
Conc: 61.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-A-04-202408MSD

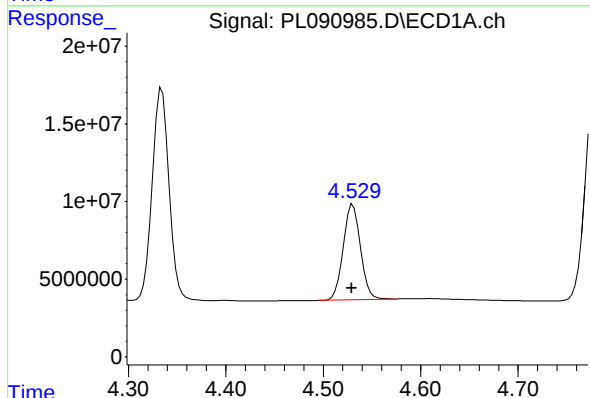
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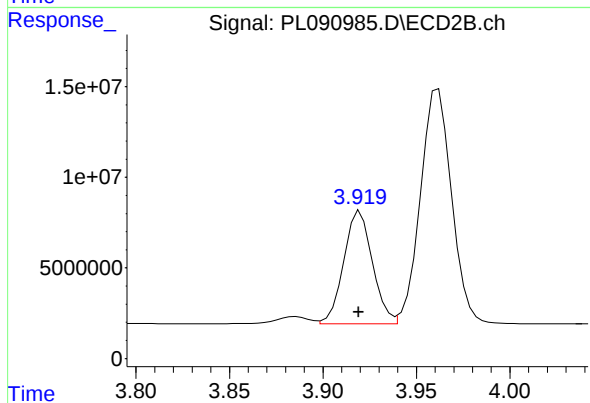
#5 Aldrin

R.T.: 4.242 min  
Delta R.T.: 0.000 min  
Response: 143304537  
Conc: 64.64 ng/ml



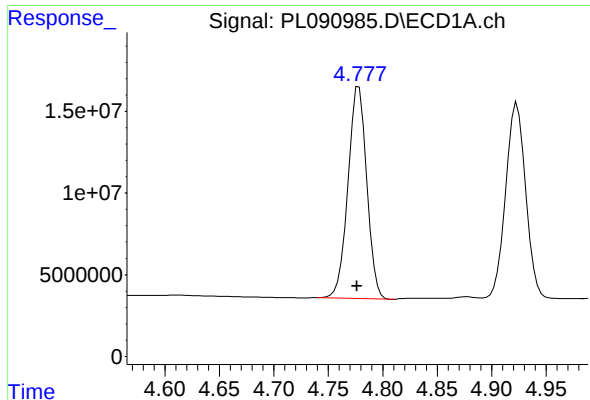
#6 beta-BHC

R.T.: 4.531 min  
Delta R.T.: 0.001 min  
Response: 75431218  
Conc: 59.92 ng/ml



#6 beta-BHC

R.T.: 3.920 min  
Delta R.T.: 0.000 min  
Response: 66673421  
Conc: 62.68 ng/ml



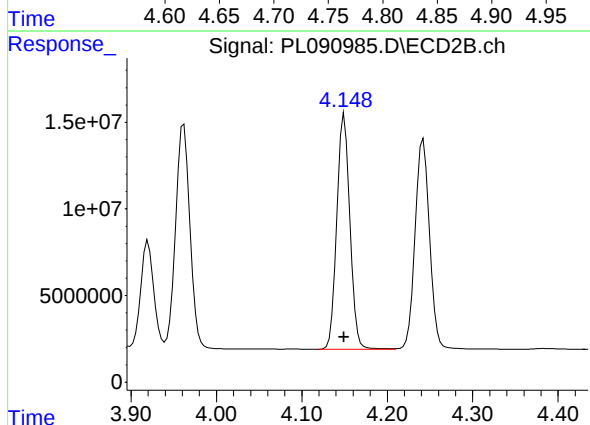
#7 delta-BHC

R.T.: 4.778 min  
Delta R.T.: 0.002 min  
Response: 155306003  
Conc: 62.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-A-04-202408MSD

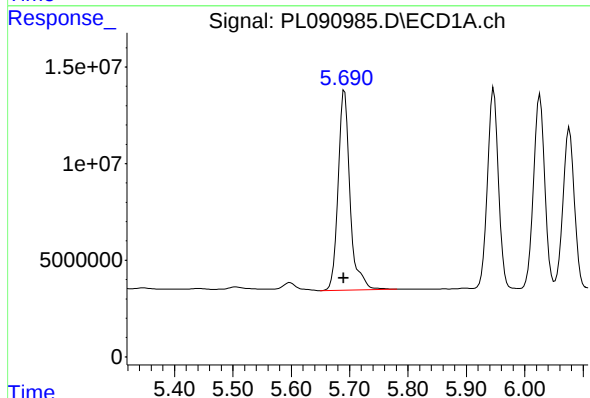
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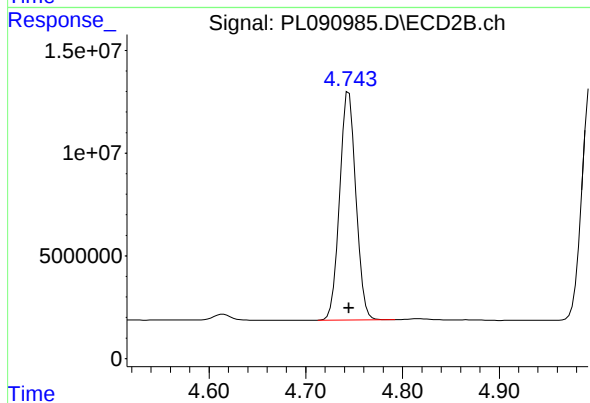
#7 delta-BHC

R.T.: 4.150 min  
Delta R.T.: 0.000 min  
Response: 143986363  
Conc: 64.43 ng/ml



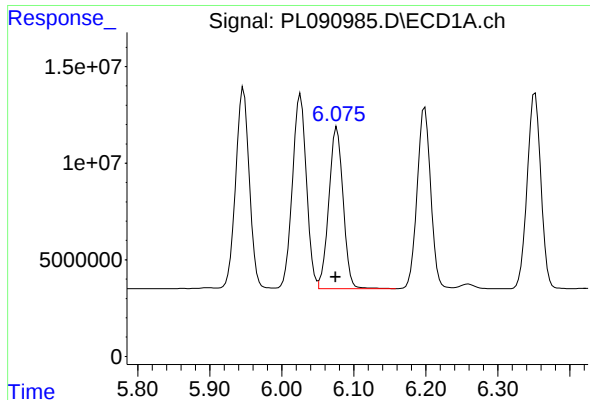
#8 Heptachlor epoxide

R.T.: 5.691 min  
Delta R.T.: 0.002 min  
Response: 147989122  
Conc: 65.12 ng/ml



#8 Heptachlor epoxide

R.T.: 4.745 min  
Delta R.T.: 0.000 min  
Response: 129958938  
Conc: 63.76 ng/ml



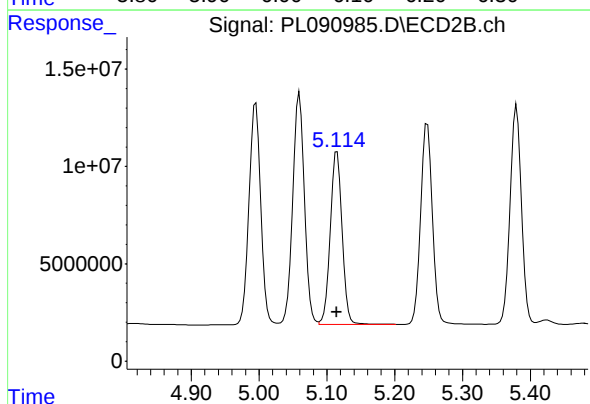
#9 Endosulfan I

R.T.: 6.077 min  
Delta R.T.: 0.002 min  
Response: 114167393  
Conc: 54.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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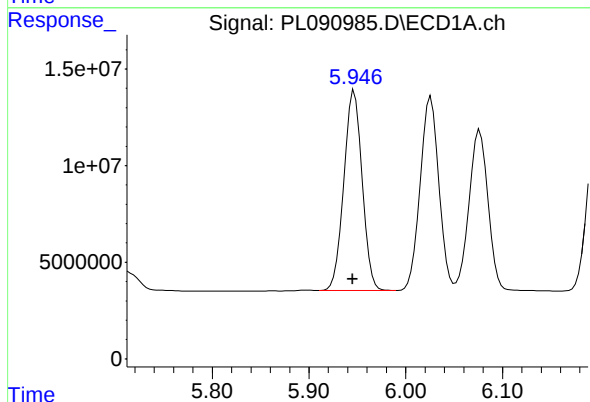
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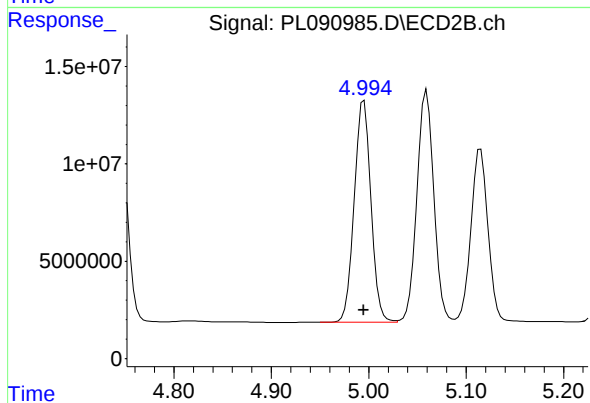
#9 Endosulfan I

R.T.: 5.115 min  
Delta R.T.: 0.000 min  
Response: 108696580  
Conc: 56.29 ng/ml



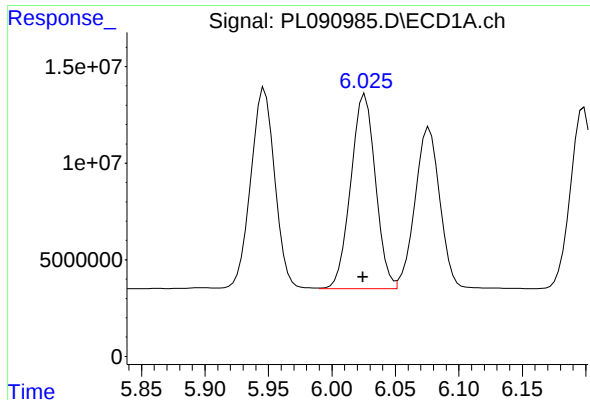
#10 gamma-Chlordane

R.T.: 5.946 min  
Delta R.T.: 0.000 min  
Response: 135409789  
Conc: 59.93 ng/ml m



#10 gamma-Chlordane

R.T.: 4.995 min  
Delta R.T.: 0.000 min  
Response: 136181733  
Conc: 63.77 ng/ml



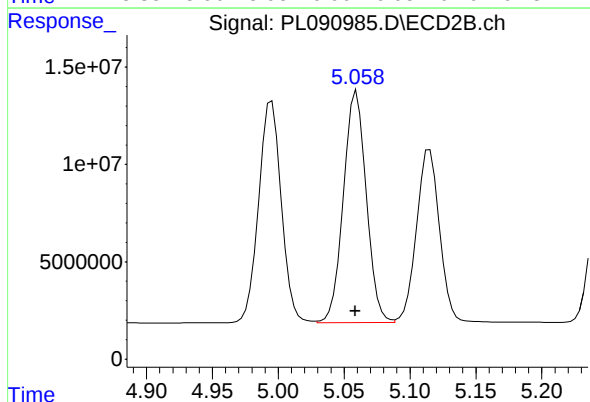
#11 alpha-Chlordane

R.T.: 6.026 min  
Delta R.T.: 0.002 min  
Response: 136071089  
Conc: 60.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-A-04-202408MSD

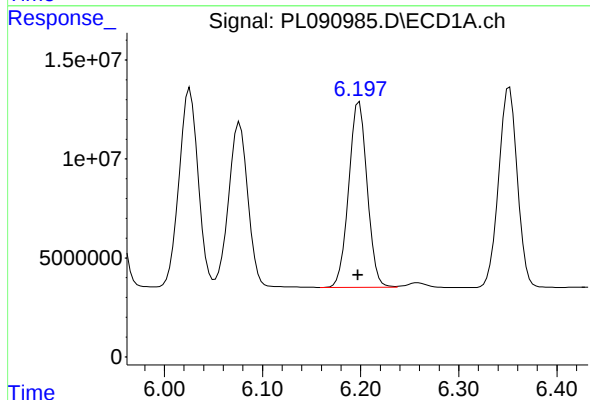
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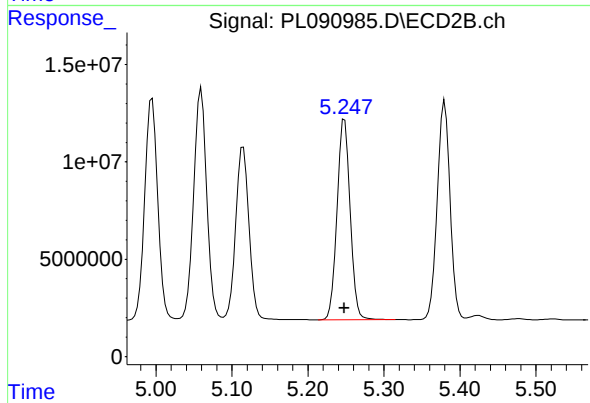
#11 alpha-Chlordane

R.T.: 5.060 min  
Delta R.T.: 0.001 min  
Response: 143647125  
Conc: 67.33 ng/ml



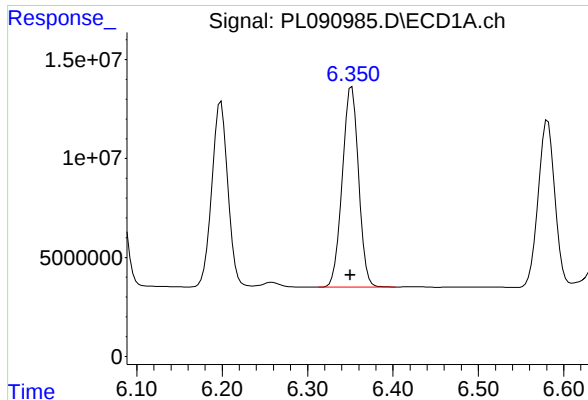
#12 4,4'-DDE

R.T.: 6.199 min  
Delta R.T.: 0.001 min  
Response: 122485525  
Conc: 61.79 ng/ml



#12 4,4'-DDE

R.T.: 5.248 min  
Delta R.T.: 0.000 min  
Response: 122536654  
Conc: 65.32 ng/ml



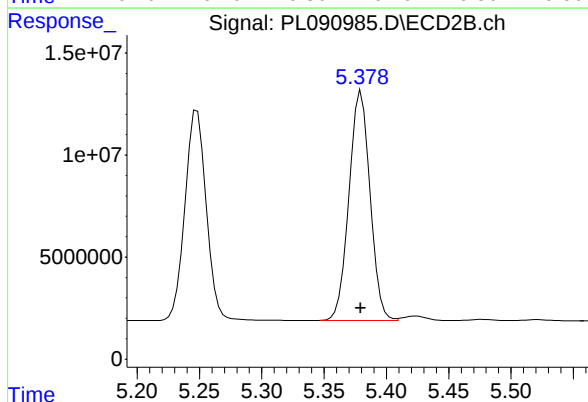
#13 Dieldrin

R.T.: 6.352 min  
Delta R.T.: 0.002 min  
Response: 133825732  
Conc: 61.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-A-04-202408MSD

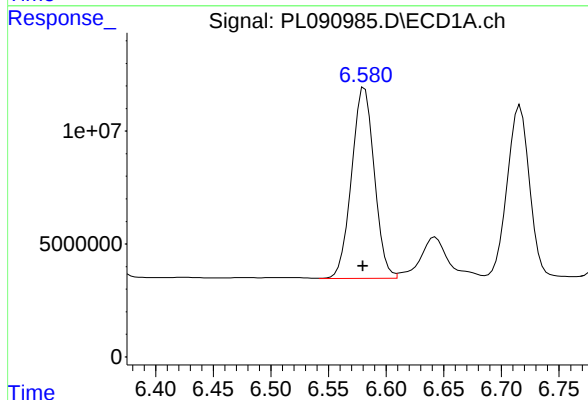
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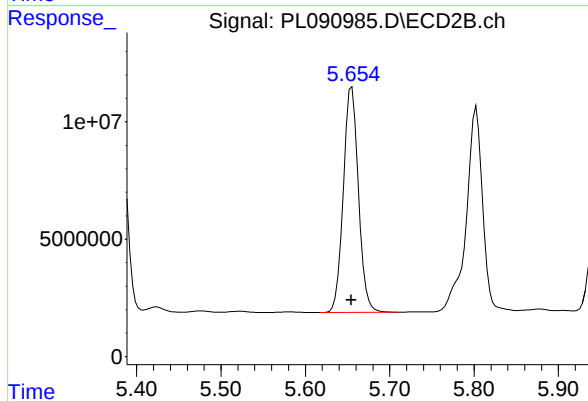
#13 Dieldrin

R.T.: 5.380 min  
Delta R.T.: 0.000 min  
Response: 131984043  
Conc: 63.92 ng/ml



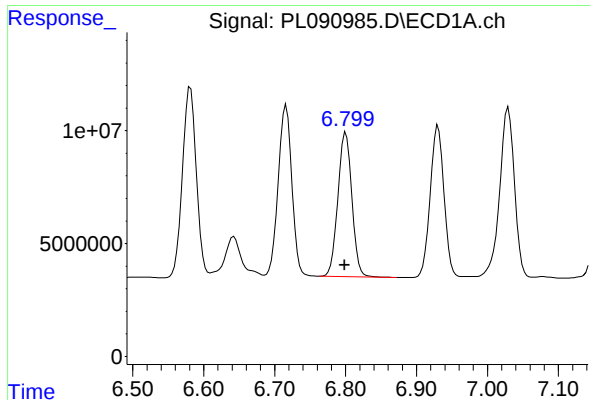
#14 Endrin

R.T.: 6.580 min  
Delta R.T.: 0.000 min  
Response: 116025802  
Conc: 63.35 ng/ml m



#14 Endrin

R.T.: 5.654 min  
Delta R.T.: 0.000 min  
Response: 119484093  
Conc: 65.39 ng/ml m



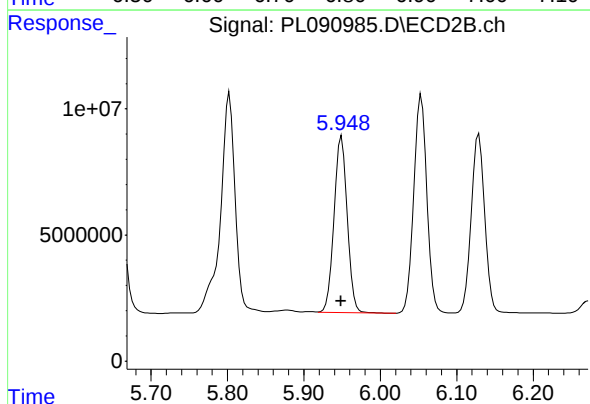
#15 Endosulfan II

R.T.: 6.800 min  
Delta R.T.: 0.002 min  
Response: 87659297  
Conc: 43.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-A-04-202408MSD

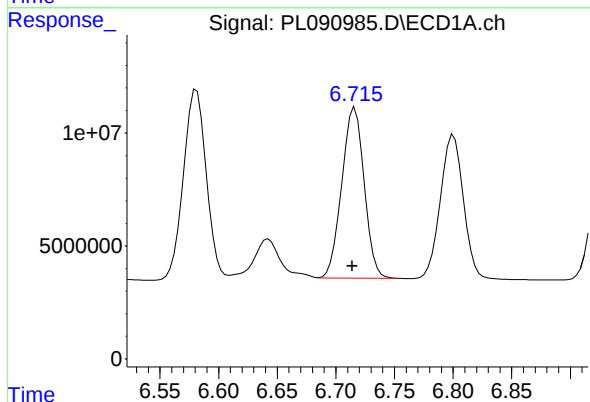
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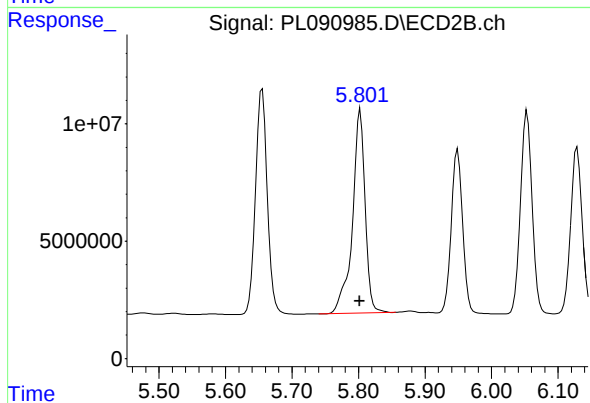
#15 Endosulfan II

R.T.: 5.949 min  
Delta R.T.: 0.000 min  
Response: 83226623  
Conc: 45.82 ng/ml



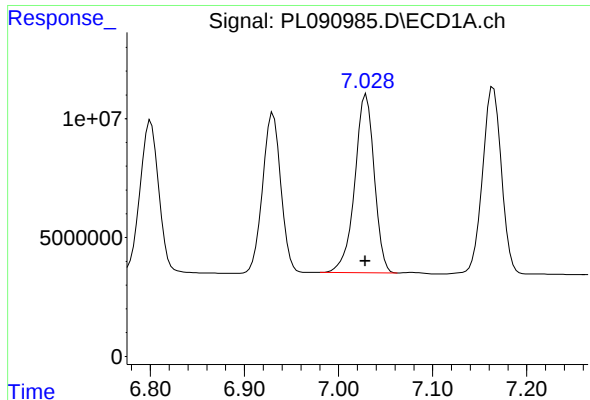
#16 4,4'-DDD

R.T.: 6.715 min  
Delta R.T.: 0.000 min  
Response: 100200240  
Conc: 60.78 ng/ml m



#16 4,4'-DDD

R.T.: 5.803 min  
Delta R.T.: 0.000 min  
Response: 116421434  
Conc: 75.03 ng/ml



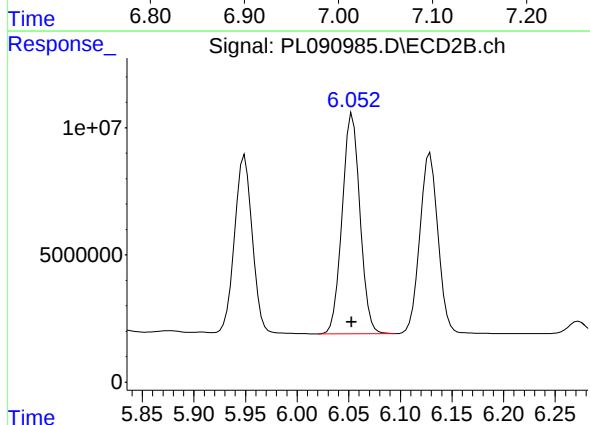
#17 4,4'-DDT

R.T.: 7.028 min  
Delta R.T.: 0.000 min  
Response: 107817734  
Conc: 60.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-A-04-202408MSD

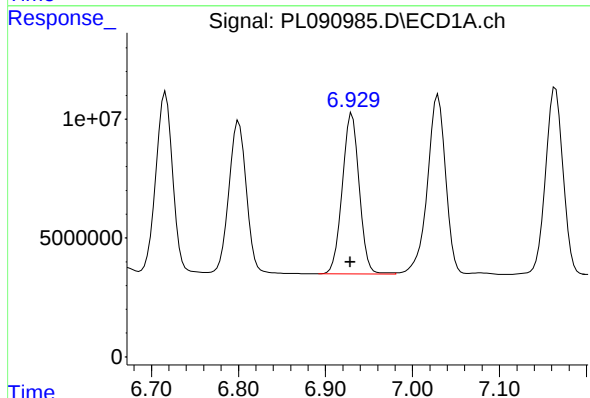
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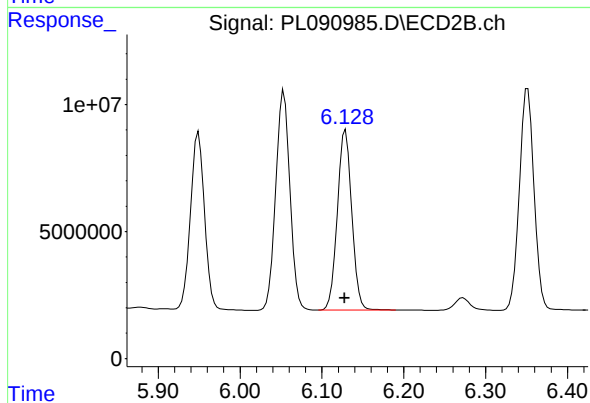
#17 4,4'-DDT

R.T.: 6.054 min  
Delta R.T.: 0.000 min  
Response: 104123669  
Conc: 62.79 ng/ml



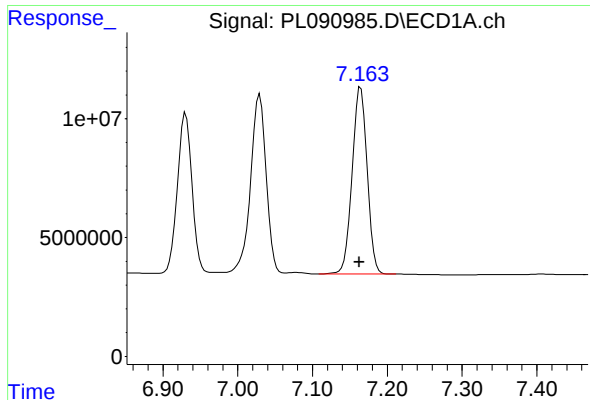
#18 Endrin aldehyde

R.T.: 6.930 min  
Delta R.T.: 0.002 min  
Response: 92040937  
Conc: 61.11 ng/ml



#18 Endrin aldehyde

R.T.: 6.129 min  
Delta R.T.: 0.000 min  
Response: 87082998  
Conc: 61.51 ng/ml



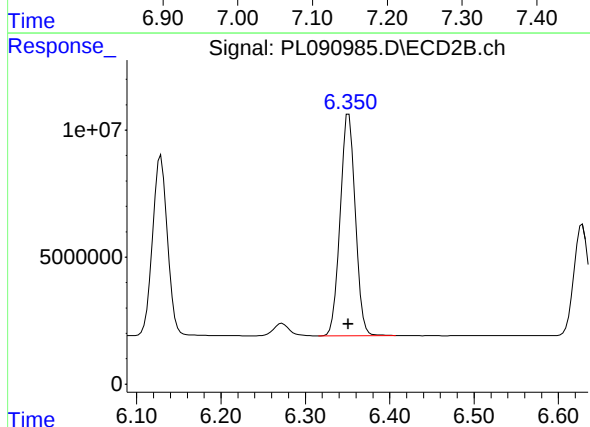
#19 Endosulfan Sulfate

R.T.: 7.165 min  
Delta R.T.: 0.002 min  
Response: 109468476  
Conc: 61.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-A-04-202408MSD

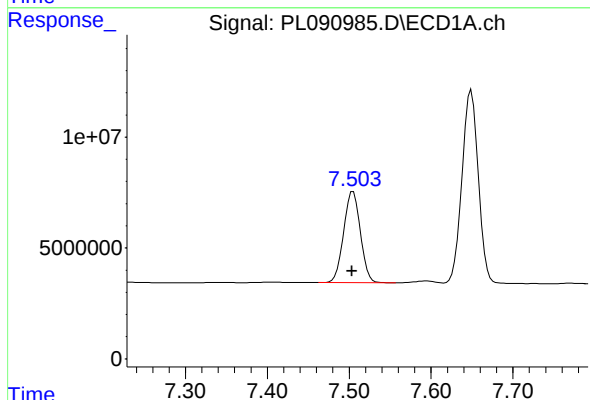
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/13/2024  
Supervised By :Ankita Jodhani 08/14/2024



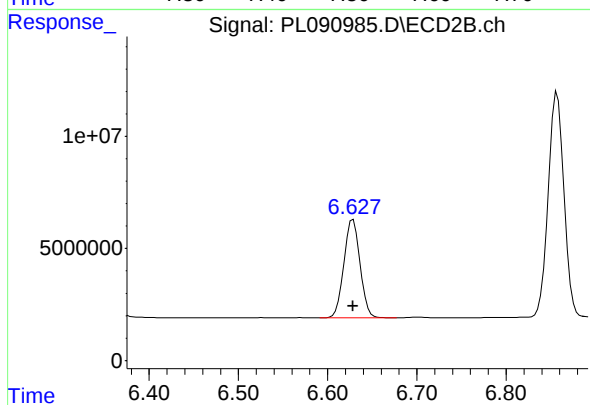
#19 Endosulfan Sulfate

R.T.: 6.352 min  
Delta R.T.: 0.000 min  
Response: 108796547  
Conc: 62.32 ng/ml



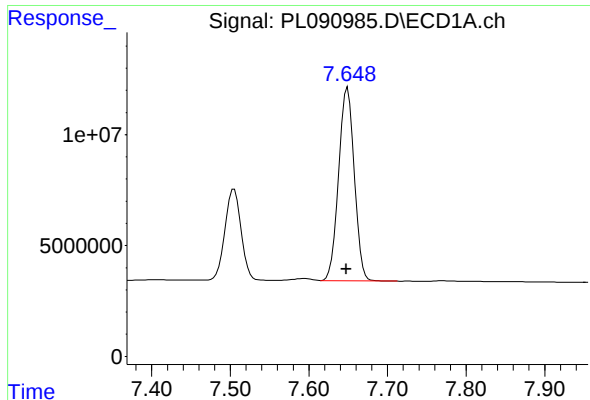
#20 Methoxychlor

R.T.: 7.505 min  
Delta R.T.: 0.001 min  
Response: 58833122  
Conc: 61.65 ng/ml



#20 Methoxychlor

R.T.: 6.629 min  
Delta R.T.: 0.000 min  
Response: 55226625  
Conc: 59.83 ng/ml



#21 Endrin ketone

R.T.: 7.649 min  
Delta R.T.: 0.002 min  
Response: 120815791  
Conc: 60.98 ng/ml

Instrument :

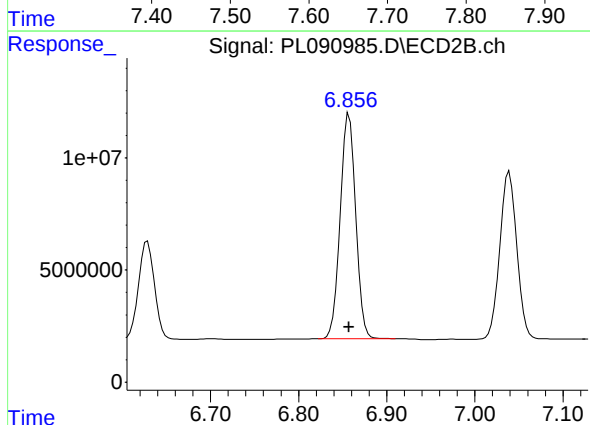
ECD\_L

ClientSampleId :

WC-A-04-202408MSD

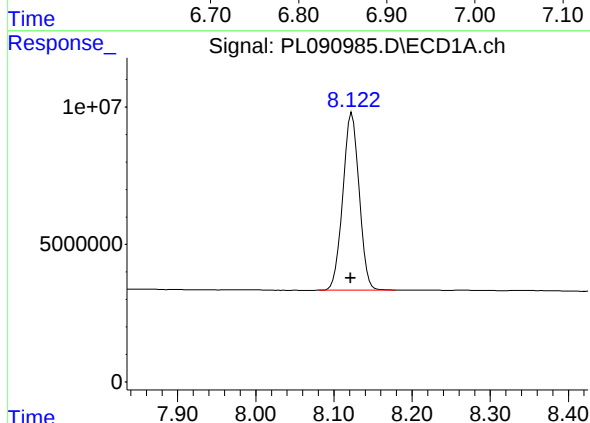
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/13/2024  
Supervised By :Ankita Jodhani 08/14/2024



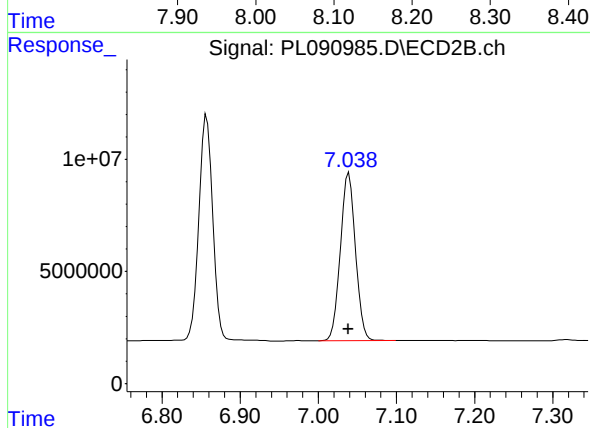
#21 Endrin ketone

R.T.: 6.857 min  
Delta R.T.: 0.000 min  
Response: 122967753  
Conc: 62.04 ng/ml



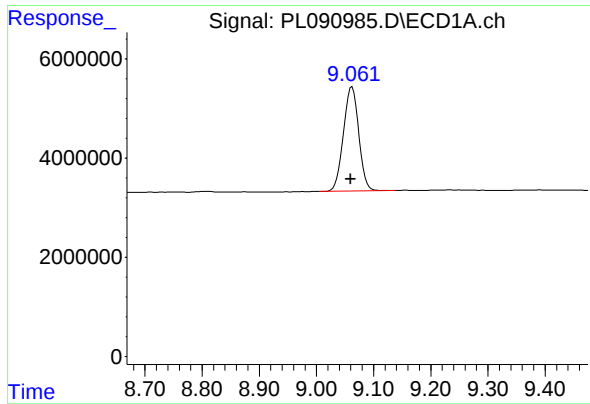
#22 Mirex

R.T.: 8.123 min  
Delta R.T.: 0.002 min  
Response: 93659333  
Conc: 60.25 ng/ml



#22 Mirex

R.T.: 7.039 min  
Delta R.T.: 0.000 min  
Response: 100566647  
Conc: 59.89 ng/ml



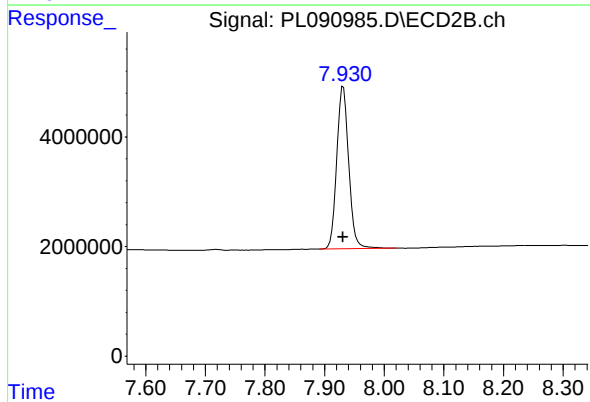
#28 Decachlorobiphenyl

R.T.: 9.062 min  
Delta R.T.: 0.002 min  
Response: 39330048  
Conc: 27.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-A-04-202408MSD

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/13/2024  
Supervised By :Ankita Jodhani 08/14/2024



#28 Decachlorobiphenyl

R.T.: 7.931 min  
Delta R.T.: 0.000 min  
Response: 41245868  
Conc: 24.71 ng/ml