

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092624\  
 Data File : PL092078.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Sep 2024 16:06  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 09/27/2024  
 Supervised By :Ankita Jodhani 09/27/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 26 16:17:27 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092324.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Sep 23 16:44:57 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...          | 3.541 | 2.779 | 111.1E6  | 145.8E6  | 49.944  | 58.140  |
| 28) SA Decachlor...         | 9.059 | 7.922 | 72105674 | 110.5E6  | 44.014  | 44.167  |
| Target Compounds            |       |       |          |          |         |         |
| 2) A alpha-BHC              | 3.996 | 3.283 | 160.4E6  | 216.4E6  | 51.804  | 59.385  |
| 3) MA gamma-BHC...          | 4.329 | 3.613 | 180.1E6  | 206.7E6  | 58.104  | 58.543  |
| 4) MA Heptachlor            | 4.918 | 3.952 | 137.4E6  | 197.1E6  | 49.672  | 57.118  |
| 5) MB Aldrin                | 5.259 | 4.230 | 139.8E6  | 192.6E6  | 50.315  | 56.618m |
| 6) B beta-BHC               | 4.526 | 3.912 | 63229992 | 84404893 | 47.671  | 56.154  |
| 7) B delta-BHC              | 4.773 | 4.140 | 147.7E6  | 205.2E6  | 51.216  | 59.103m |
| 8) B Heptachlo...           | 5.684 | 4.735 | 125.2E6  | 164.6E6  | 49.184m | 54.448  |
| 9) A Endosulfan I           | 6.070 | 5.105 | 107.2E6  | 138.3E6  | 46.341m | 50.400  |
| 10) B gamma-Chl...          | 5.941 | 4.985 | 115.6E6  | 165.0E6  | 46.795m | 54.852  |
| 11) B alpha-Chl...          | 6.020 | 5.049 | 113.1E6  | 162.0E6  | 45.920m | 54.128  |
| 12) B 4,4'-DDE              | 6.194 | 5.236 | 104.3E6  | 161.3E6  | 48.198  | 58.063m |
| 13) MA Dieldrin             | 6.347 | 5.369 | 113.9E6  | 162.4E6  | 46.697  | 55.386  |
| 14) MA Endrin               | 6.576 | 5.645 | 93920048 | 141.4E6  | 45.577  | 53.938  |
| 15) B Endosulfa...          | 6.796 | 5.938 | 103.2E6  | 130.9E6  | 46.897  | 52.294m |
| 16) A 4,4'-DDD              | 6.710 | 5.793 | 88157994 | 121.0E6  | 49.093m | 56.639  |
| 17) MA 4,4'-DDT             | 7.026 | 6.043 | 86819462 | 123.4E6  | 47.154  | 53.335  |
| 18) B Endrin al...          | 6.926 | 6.119 | 79497221 | 105.5E6  | 45.616  | 51.686  |
| 19) B Endosulfa...          | 7.161 | 6.342 | 88024573 | 126.5E6  | 44.406  | 52.422  |
| 20) A Methoxychlor          | 7.502 | 6.619 | 44987498 | 65301911 | 45.826  | 52.227  |
| 21) B Endrin ke...          | 7.646 | 6.847 | 100.7E6  | 153.0E6  | 45.818  | 55.268m |
| 22) Mirex                   | 8.120 | 7.029 | 73401298 | 112.1E6  | 40.756  | 46.081  |
| -----                       |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL092624\  
Data File : PL092078.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Sep 2024 16:06  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

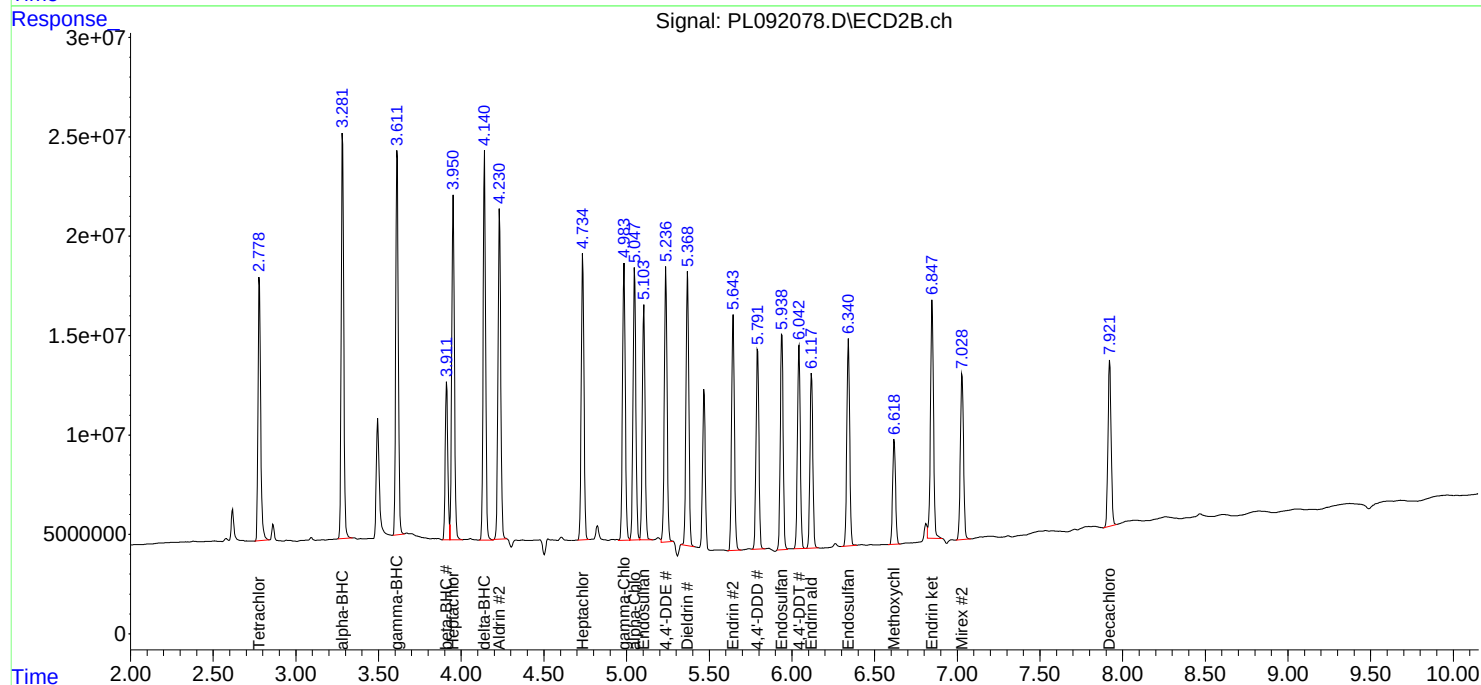
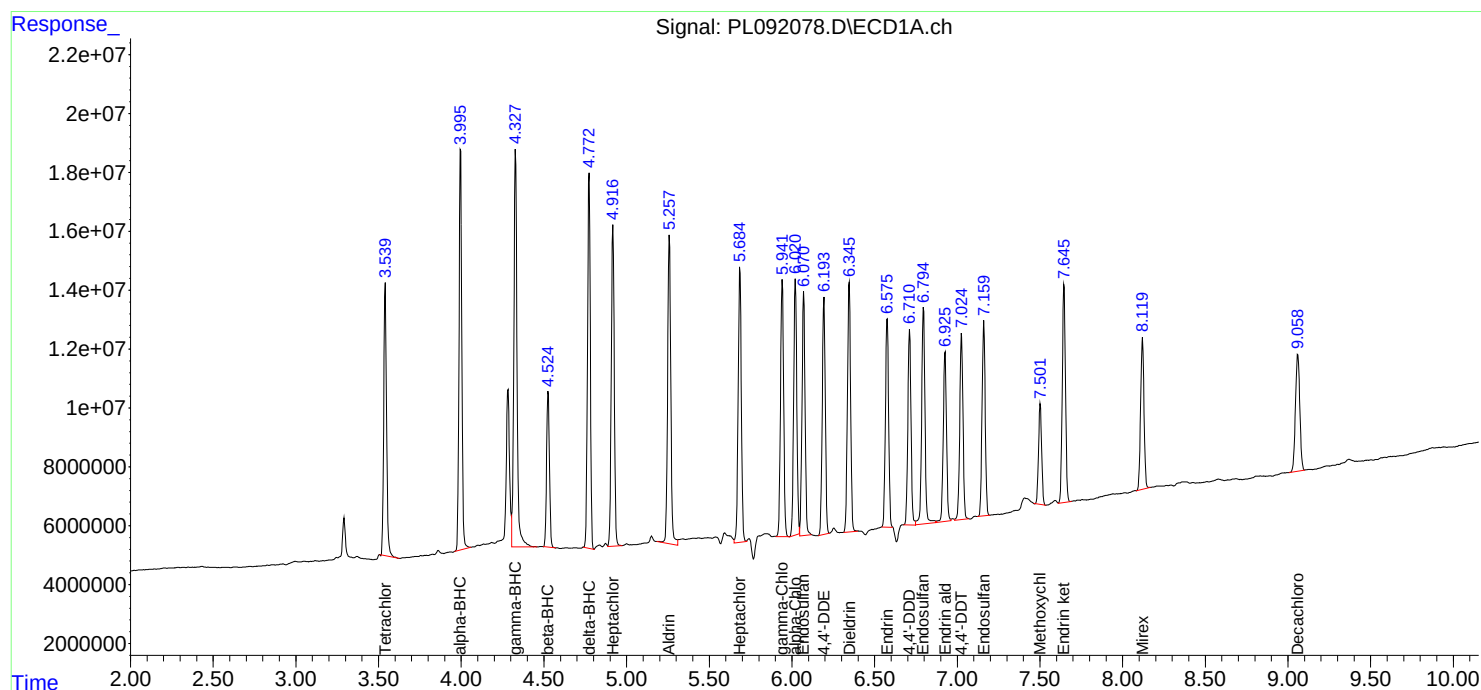
## APPROVED

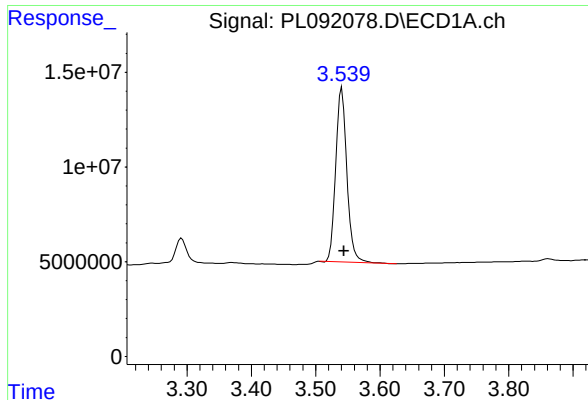
Reviewed By :Abdul Mirza 09/27/2024

Supervised By :Ankita Jodhani 09/27/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 26 16:17:27 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL092324.M  
Quant Title : GC Extractables  
QLast Update : Mon Sep 23 16:44:57 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





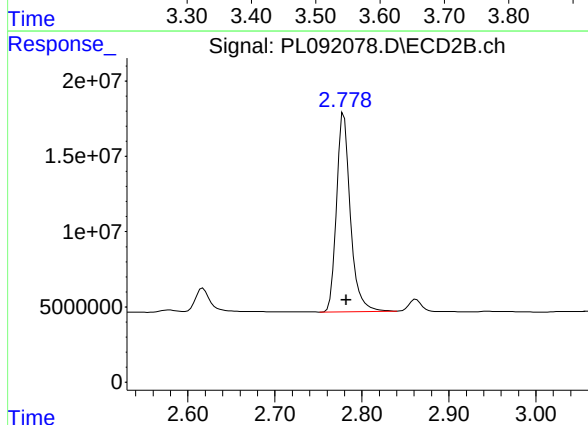
#1 Tetrachloro-m-xylene

R.T.: 3.541 min  
Delta R.T.: -0.003 min  
Response: 111107339  
Conc: 49.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

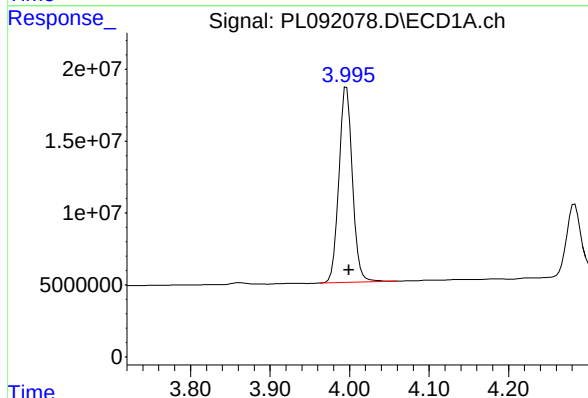
Manual Integrations  
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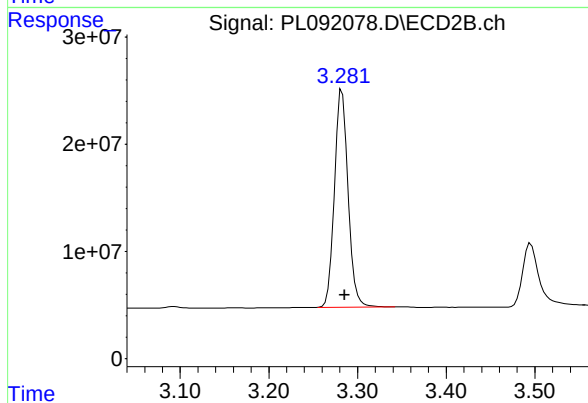
#1 Tetrachloro-m-xylene

R.T.: 2.779 min  
Delta R.T.: -0.003 min  
Response: 145819608  
Conc: 58.14 ng/ml



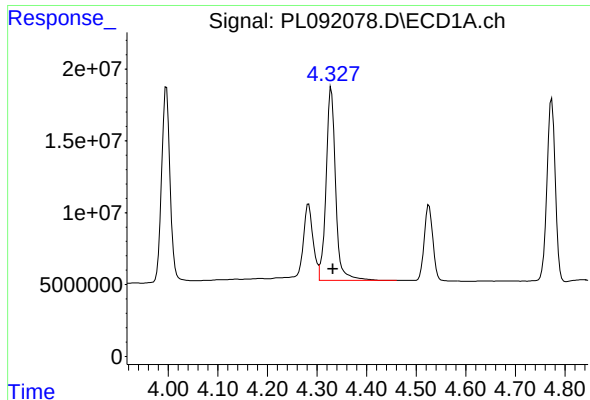
#2 alpha-BHC

R.T.: 3.996 min  
Delta R.T.: -0.003 min  
Response: 160412285  
Conc: 51.80 ng/ml



#2 alpha-BHC

R.T.: 3.283 min  
Delta R.T.: -0.003 min  
Response: 216358907  
Conc: 59.39 ng/ml



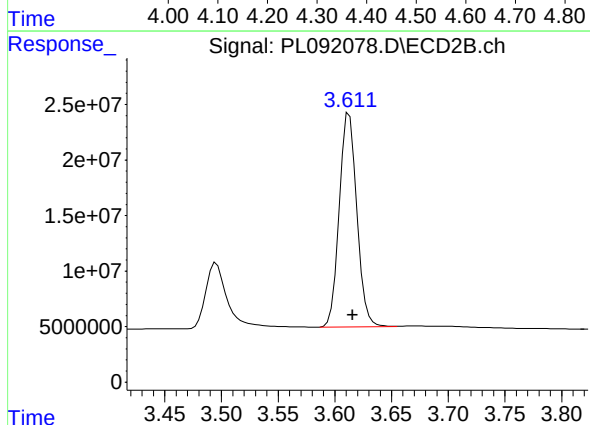
#3 gamma-BHC (Lindane)

R.T.: 4.329 min  
Delta R.T.: -0.003 min  
Response: 180051447  
Conc: 58.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

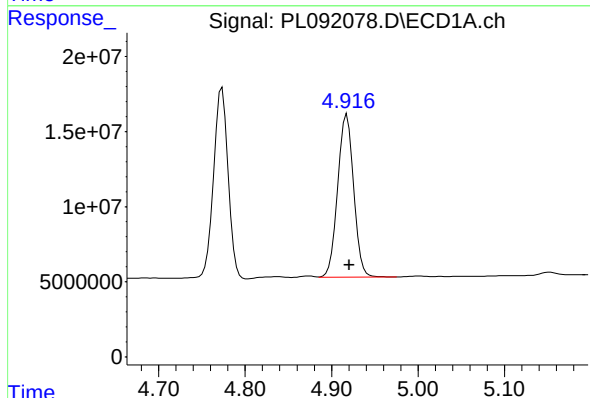
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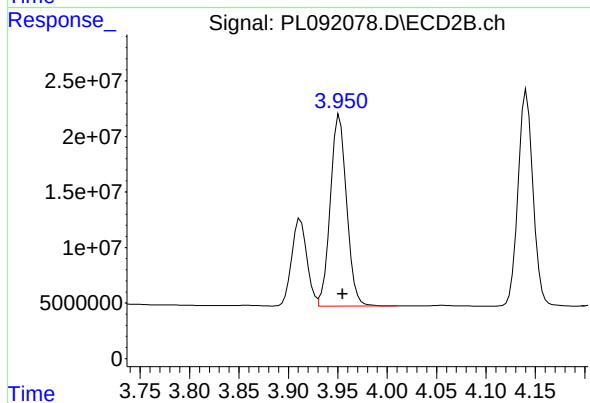
#3 gamma-BHC (Lindane)

R.T.: 3.613 min  
Delta R.T.: -0.003 min  
Response: 206714148  
Conc: 58.54 ng/ml



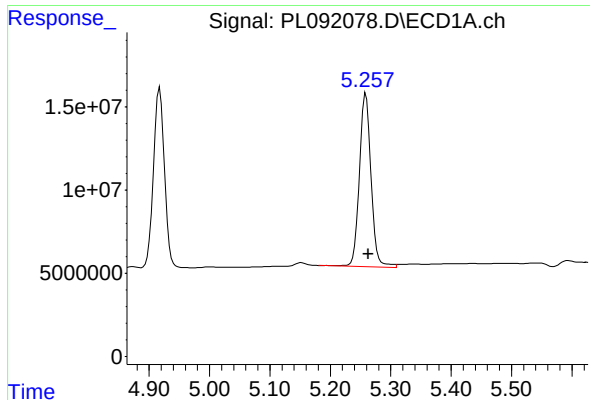
#4 Heptachlor

R.T.: 4.918 min  
Delta R.T.: -0.003 min  
Response: 137364967  
Conc: 49.67 ng/ml



#4 Heptachlor

R.T.: 3.952 min  
Delta R.T.: -0.003 min  
Response: 197092773  
Conc: 57.12 ng/ml



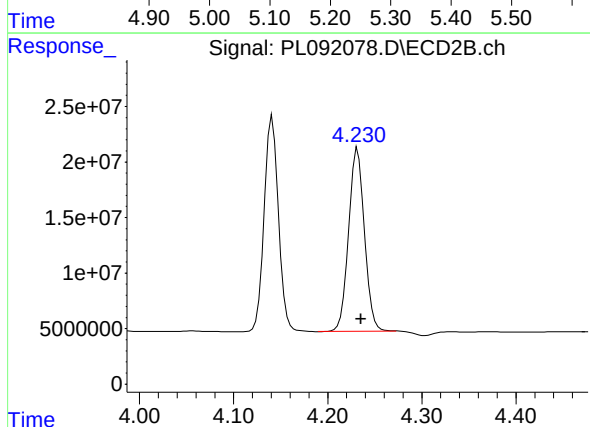
#5 Aldrin

R.T.: 5.259 min  
Delta R.T.: -0.004 min  
Response: 139753713  
Conc: 50.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

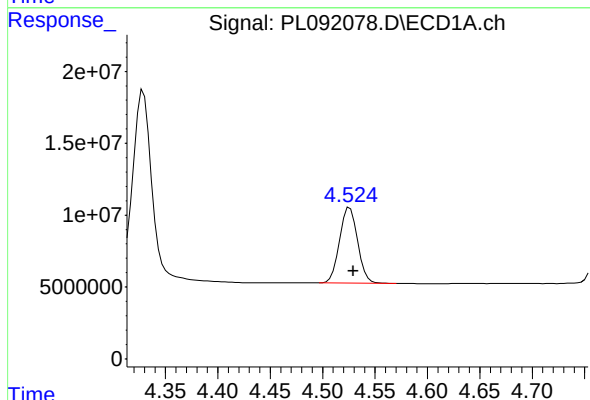
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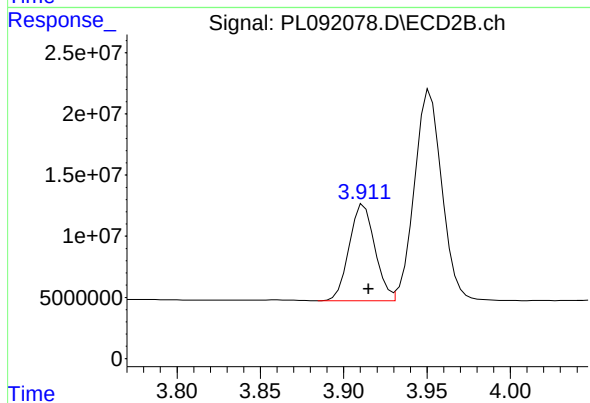
#5 Aldrin

R.T.: 4.230 min  
Delta R.T.: -0.005 min  
Response: 192564811  
Conc: 56.62 ng/ml



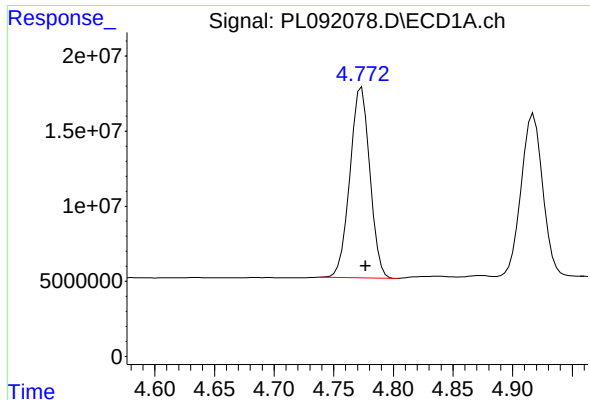
#6 beta-BHC

R.T.: 4.526 min  
Delta R.T.: -0.003 min  
Response: 63229992  
Conc: 47.67 ng/ml



#6 beta-BHC

R.T.: 3.912 min  
Delta R.T.: -0.003 min  
Response: 84404893  
Conc: 56.15 ng/ml



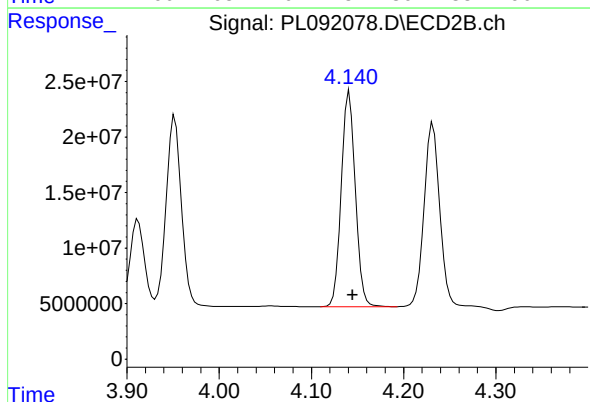
#7 delta-BHC

R.T.: 4.773 min  
Delta R.T.: -0.003 min  
Response: 147718926  
Conc: 51.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

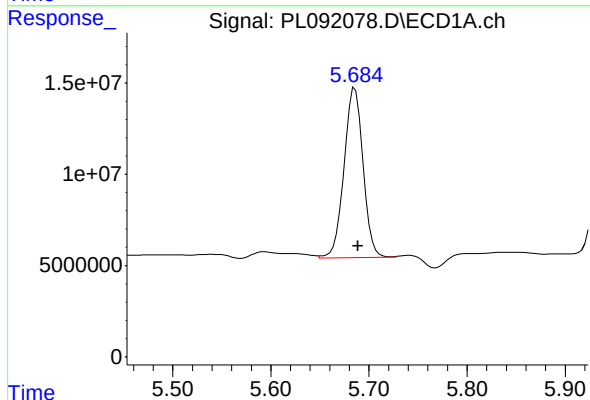
Manual Integrations  
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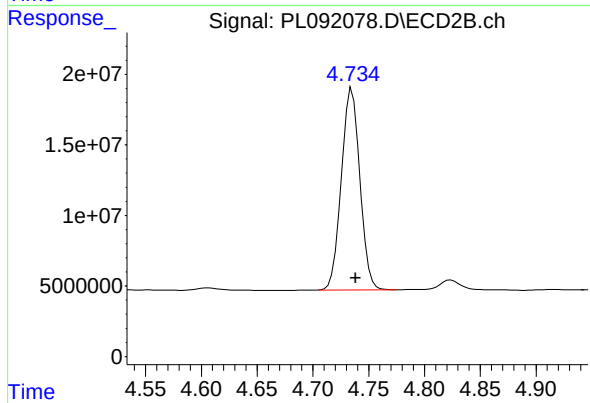
#7 delta-BHC

R.T.: 4.140 min  
Delta R.T.: -0.005 min  
Response: 205188742  
Conc: 59.10 ng/ml m



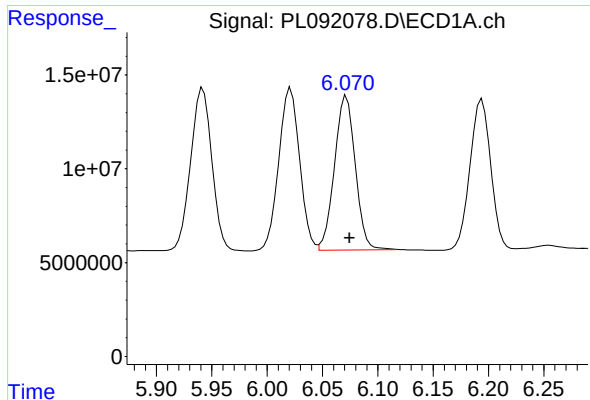
#8 Heptachlor epoxide

R.T.: 5.684 min  
Delta R.T.: -0.004 min  
Response: 125173001  
Conc: 49.18 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.735 min  
Delta R.T.: -0.003 min  
Response: 164589382  
Conc: 54.45 ng/ml



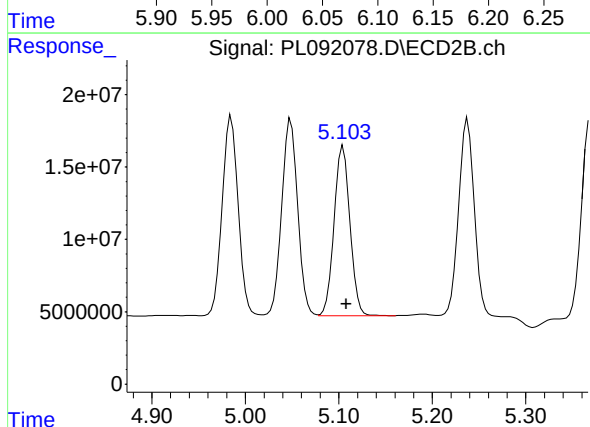
#9 Endosulfan I

R.T.: 6.070 min  
Delta R.T.: -0.005 min  
Response: 107205965  
Conc: 46.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

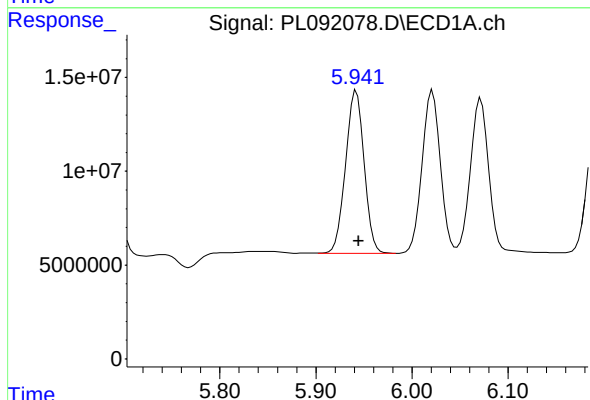
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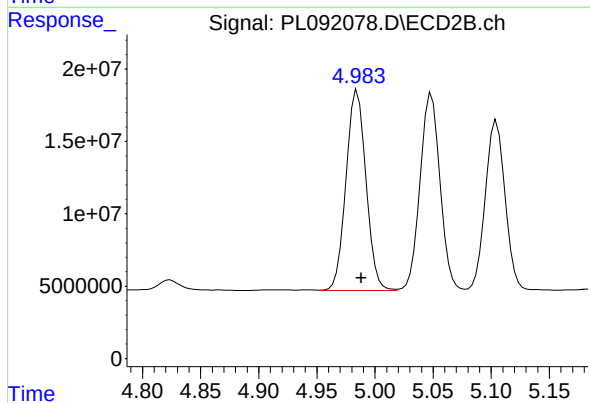
#9 Endosulfan I

R.T.: 5.105 min  
Delta R.T.: -0.004 min  
Response: 138330452  
Conc: 50.40 ng/ml



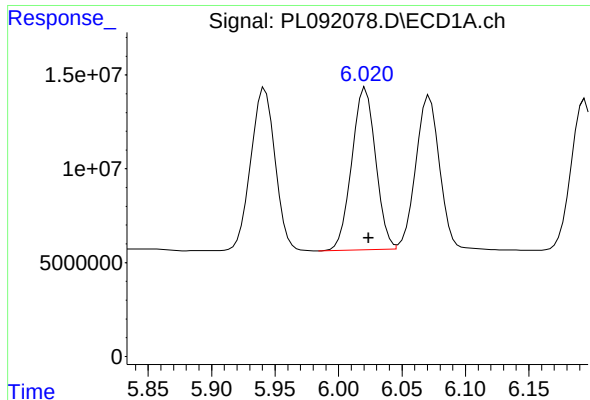
#10 gamma-Chlordane

R.T.: 5.941 min  
Delta R.T.: -0.004 min  
Response: 115639171  
Conc: 46.79 ng/ml m



#10 gamma-Chlordane

R.T.: 4.985 min  
Delta R.T.: -0.003 min  
Response: 165025801  
Conc: 54.85 ng/ml



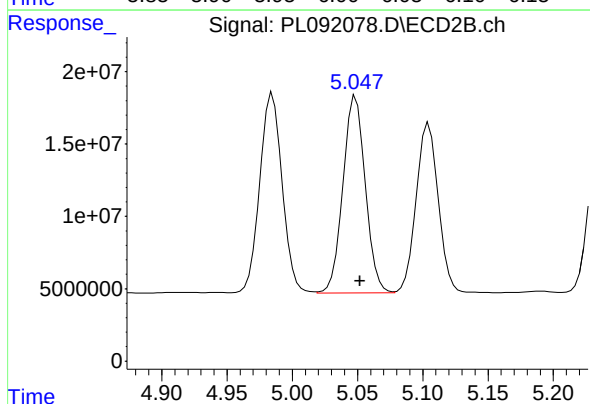
#11 alpha-Chlordane

R.T.: 6.020 min  
Delta R.T.: -0.004 min  
Response: 113115762  
Conc: 45.92 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

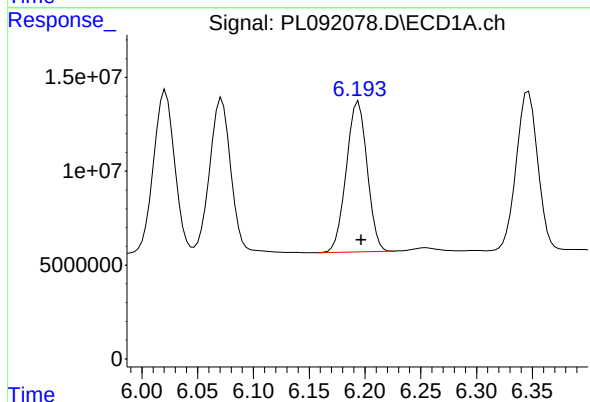
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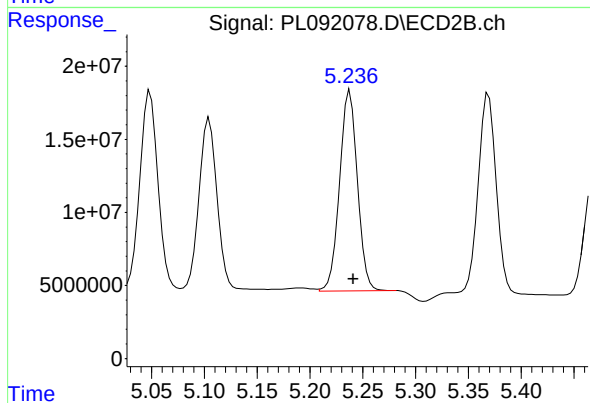
#11 alpha-Chlordane

R.T.: 5.049 min  
Delta R.T.: -0.003 min  
Response: 162035617  
Conc: 54.13 ng/ml



#12 4,4'-DDE

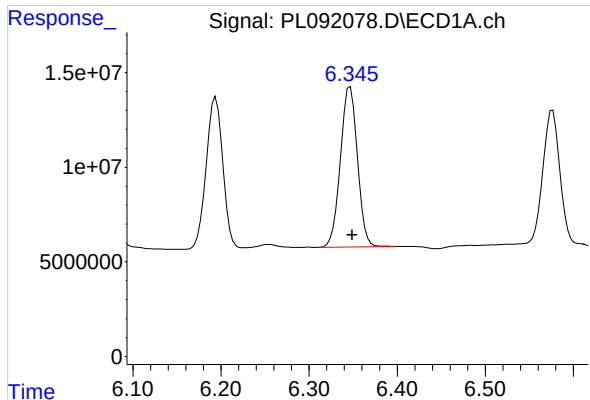
R.T.: 6.194 min  
Delta R.T.: -0.003 min  
Response: 104320374  
Conc: 48.20 ng/ml



#12 4,4'-DDE

R.T.: 5.236 min  
Delta R.T.: -0.005 min  
Response: 161349165  
Conc: 58.06 ng/ml m





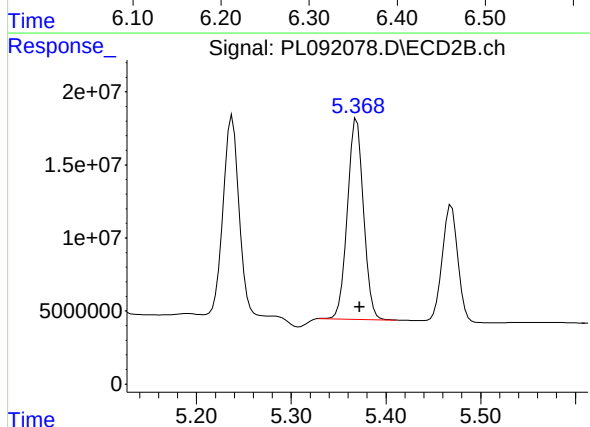
#13 Dieldrin

R.T.: 6.347 min  
Delta R.T.: -0.002 min  
Response: 113887580  
Conc: 46.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

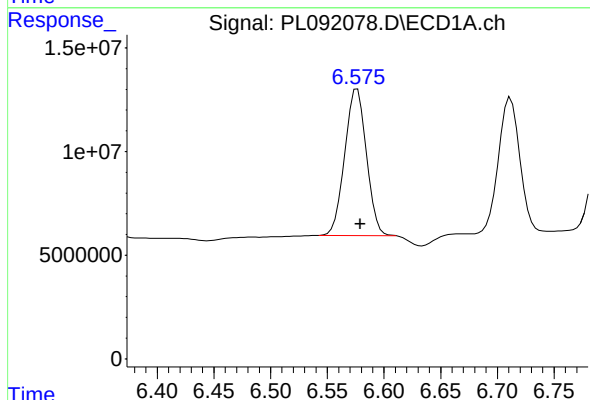
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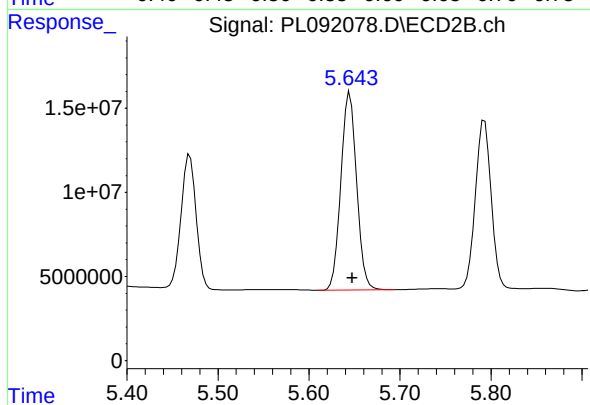
#13 Dieldrin

R.T.: 5.369 min  
Delta R.T.: -0.003 min  
Response: 162382442  
Conc: 55.39 ng/ml



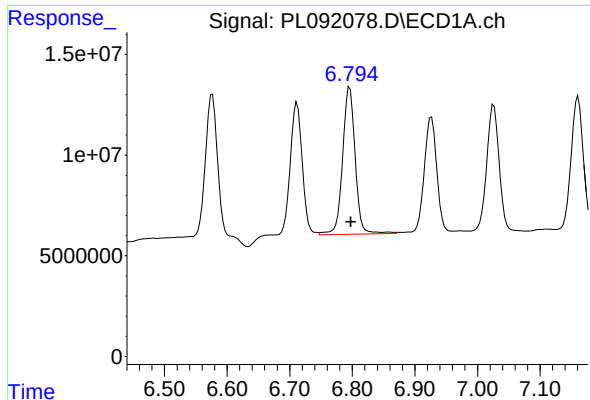
#14 Endrin

R.T.: 6.576 min  
Delta R.T.: -0.003 min  
Response: 93920048  
Conc: 45.58 ng/ml



#14 Endrin

R.T.: 5.645 min  
Delta R.T.: -0.003 min  
Response: 141436381  
Conc: 53.94 ng/ml



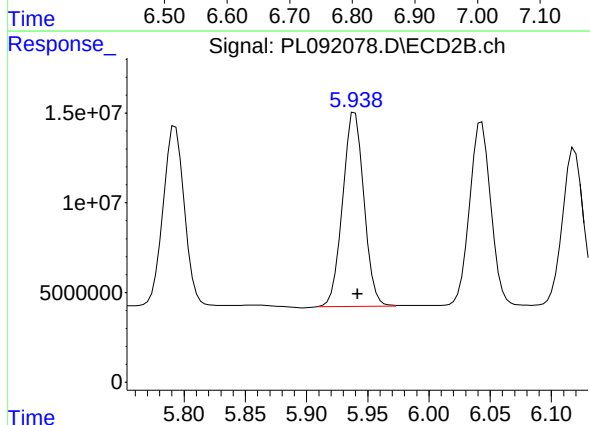
#15 Endosulfan II

R.T.: 6.796 min  
Delta R.T.: -0.002 min  
Response: 103160421  
Conc: 46.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

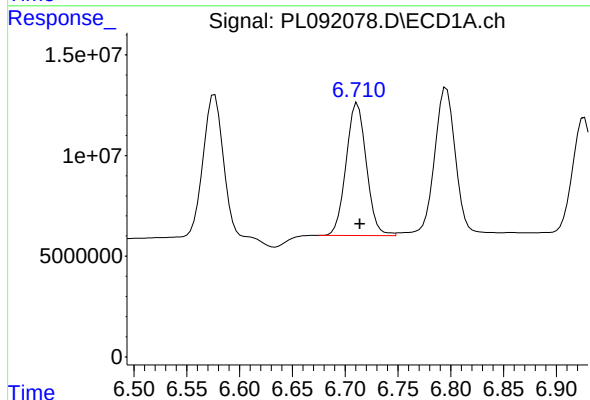
Manual Integrations  
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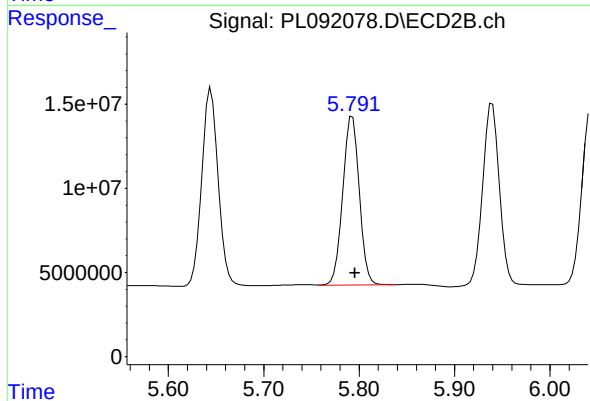
#15 Endosulfan II

R.T.: 5.938 min  
Delta R.T.: -0.004 min  
Response: 130860215  
Conc: 52.29 ng/ml



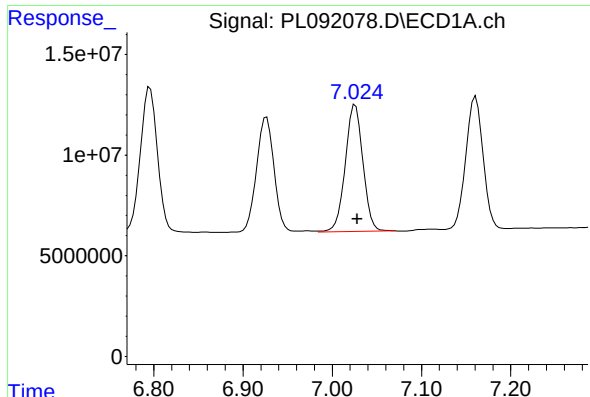
#16 4,4'-DDD

R.T.: 6.710 min  
Delta R.T.: -0.004 min  
Response: 88157994  
Conc: 49.09 ng/ml



#16 4,4'-DDD

R.T.: 5.793 min  
Delta R.T.: -0.003 min  
Response: 120992586  
Conc: 56.64 ng/ml



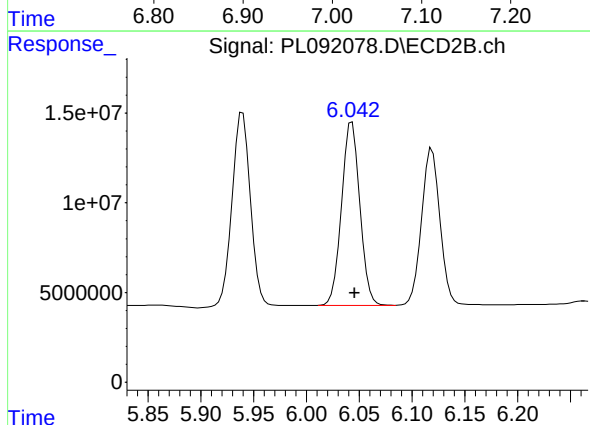
#17 4,4'-DDT

R.T.: 7.026 min  
Delta R.T.: -0.002 min  
Response: 86819462  
Conc: 47.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

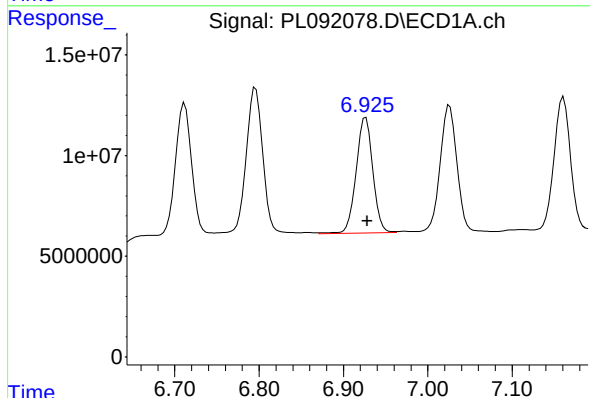
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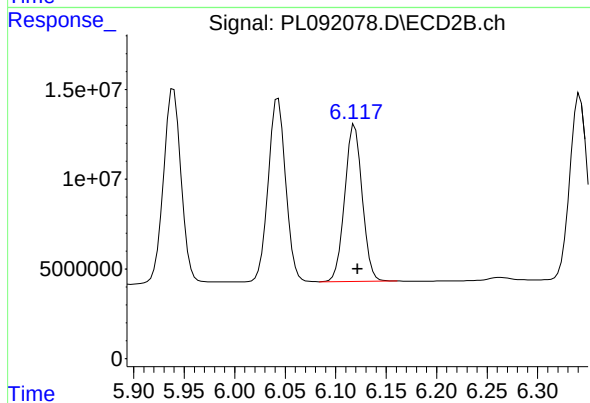
#17 4,4'-DDT

R.T.: 6.043 min  
Delta R.T.: -0.003 min  
Response: 123371630  
Conc: 53.33 ng/ml



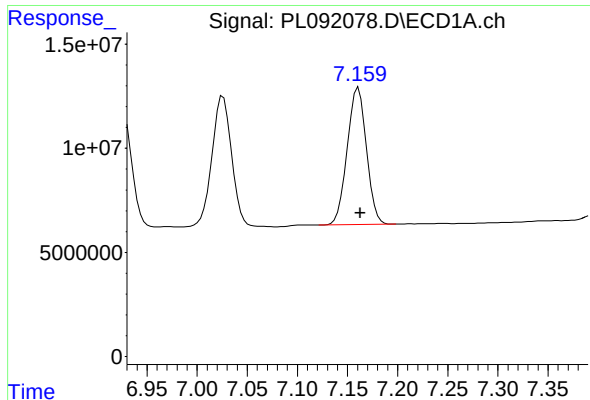
#18 Endrin aldehyde

R.T.: 6.926 min  
Delta R.T.: -0.002 min  
Response: 79497221  
Conc: 45.62 ng/ml



#18 Endrin aldehyde

R.T.: 6.119 min  
Delta R.T.: -0.003 min  
Response: 105475860  
Conc: 51.69 ng/ml



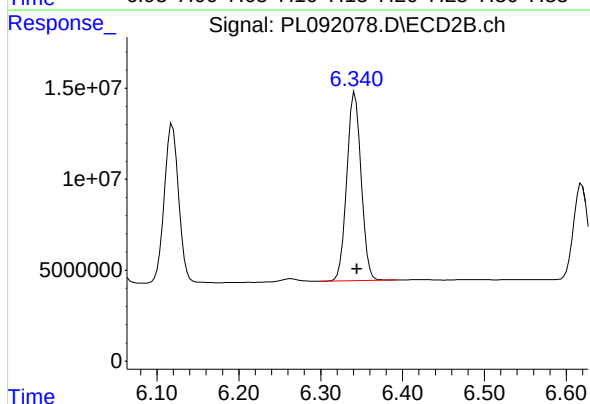
#19 Endosulfan Sulfate

R.T.: 7.161 min  
Delta R.T.: -0.002 min  
Response: 88024573  
Conc: 44.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

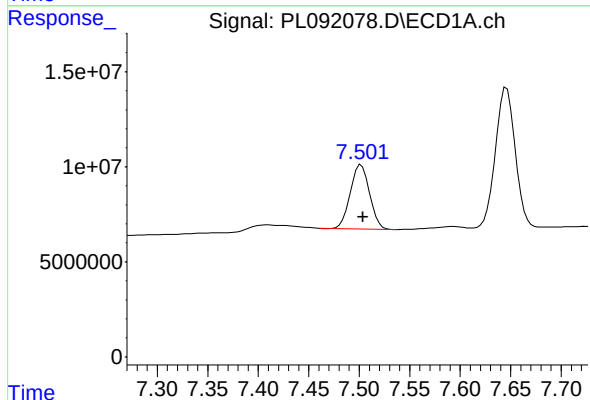
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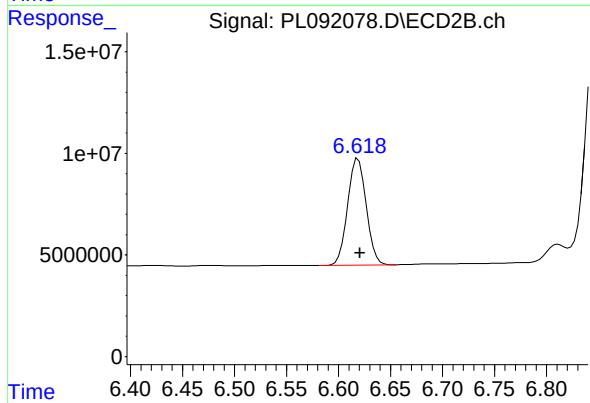
#19 Endosulfan Sulfate

R.T.: 6.342 min  
Delta R.T.: -0.002 min  
Response: 126467905  
Conc: 52.42 ng/ml



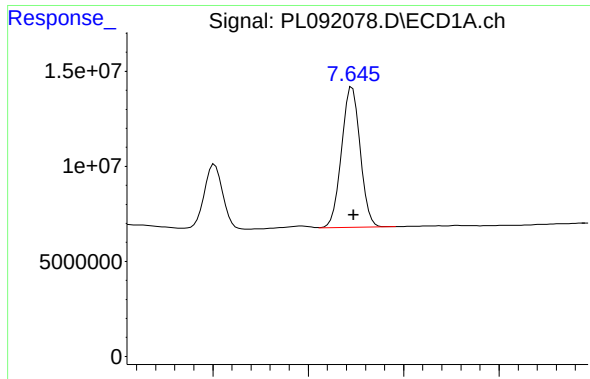
#20 Methoxychlor

R.T.: 7.502 min  
Delta R.T.: -0.002 min  
Response: 44987498  
Conc: 45.83 ng/ml



#20 Methoxychlor

R.T.: 6.619 min  
Delta R.T.: -0.002 min  
Response: 65301911  
Conc: 52.23 ng/ml



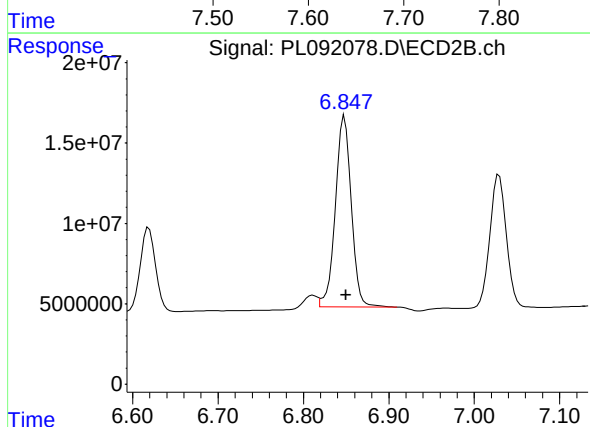
#21 Endrin ketone

R.T.: 7.646 min  
Delta R.T.: -0.002 min  
Response: 100687180  
Conc: 45.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

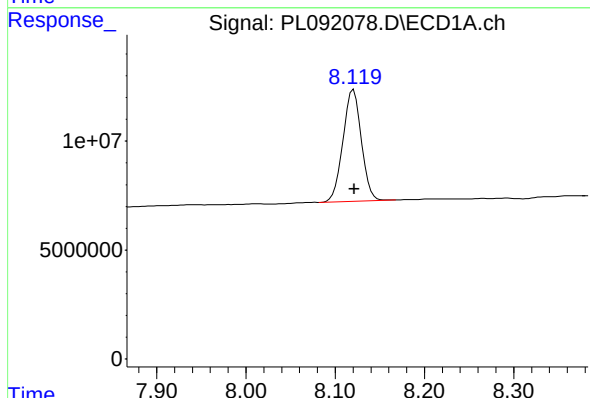
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/27/2024  
Supervised By :Ankita Jodhani 09/27/2024



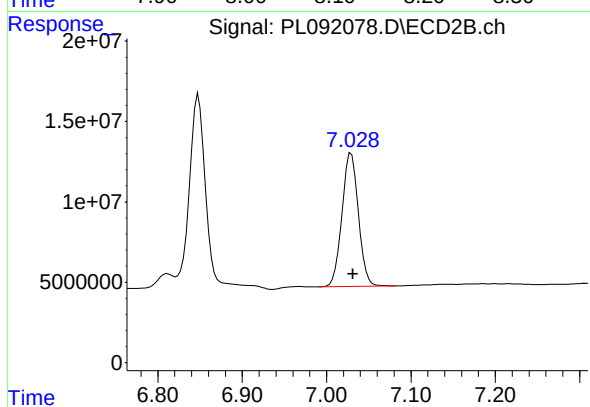
#21 Endrin ketone

R.T.: 6.847 min  
Delta R.T.: -0.003 min  
Response: 153035280  
Conc: 55.27 ng/ml



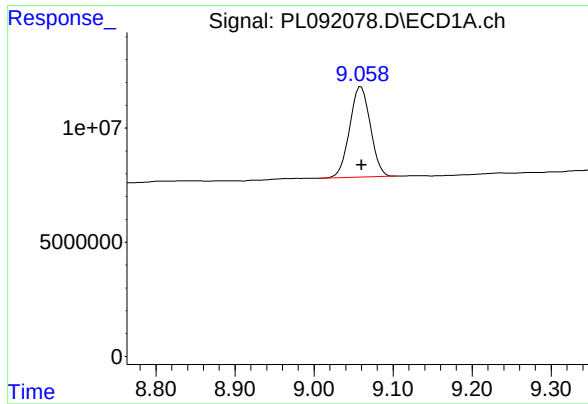
#22 Mirex

R.T.: 8.120 min  
Delta R.T.: 0.000 min  
Response: 73401298  
Conc: 40.76 ng/ml



#22 Mirex

R.T.: 7.029 min  
Delta R.T.: -0.002 min  
Response: 112098658  
Conc: 46.08 ng/ml



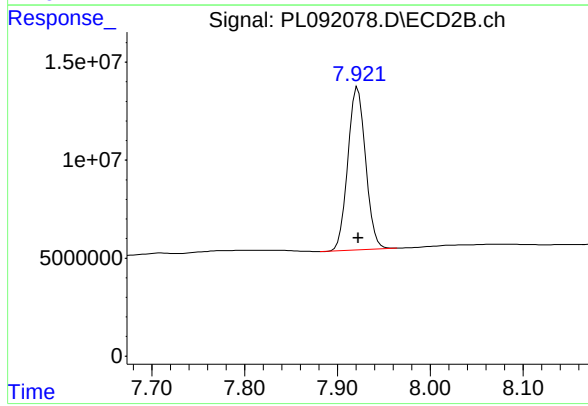
#28 Decachlorobiphenyl

R.T.: 9.059 min  
Delta R.T.: 0.000 min  
Response: 72105674  
Conc: 44.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 09/27/2024  
Supervised By :Ankita Jodhani 09/27/2024



#28 Decachlorobiphenyl

R.T.: 7.922 min  
Delta R.T.: 0.000 min  
Response: 110503073  
Conc: 44.17 ng/ml