

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052322\  
 Data File : PL074950.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 23 May 2022 17:12  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 05/24/2022  
 Supervised By : Ankita Jodhani 05/24/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 24 02:42:38 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051122.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 14 02:37:15 2022  
 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...          | 5.644  | 4.647  | 25046009 | 67402869 | 49.329  | 49.109  |
| 2) SA Decachlor...          | 11.639 | 10.395 | 22977180 | 57986229 | 51.451  | 56.494m |
| Target Compounds            |        |        |          |          |         |         |
| 2) A alpha-BHC              | 6.228  | 5.348  | 34792312 | 92778680 | 50.855  | 55.130m |
| 3) MA gamma-BHC...          | 6.626  | 5.768  | 32969955 | 88480037 | 51.077  | 53.547m |
| 4) MA Heptachlor            | 7.281  | 6.180  | 33262163 | 85242964 | 51.539  | 56.160  |
| 5) MB Aldrin                | 7.655  | 6.504  | 30897155 | 80585617 | 49.876  | 53.707  |
| 6) B beta-BHC               | 6.877  | 6.147  | 15272409 | 40898473 | 51.172  | 51.511  |
| 7) B delta-BHC              | 7.148  | 6.408  | 31701452 | 86552419 | 50.557  | 55.351  |
| 8) B Heptachlo...           | 8.122  | 7.078  | 28659289 | 75327735 | 50.390  | 54.123  |
| 9) A Endosulfan I           | 8.531  | 7.480  | 28890459 | 69927477 | 50.114  | 55.891  |
| 10) B gamma-Chl...          | 8.391  | 7.354  | 27463224 | 75898527 | 53.094m | 54.767  |
| 11) B alpha-Chl...          | 8.474  | 7.424  | 30402461 | 75708035 | 49.799  | 56.004  |
| 12) B 4,4'-DDE              | 8.660  | 7.635  | 24034423 | 66784910 | 51.918  | 56.756  |
| 13) MA Dieldrin             | 8.822  | 7.764  | 26487485 | 71380917 | 50.394  | 56.033m |
| 14) MA Endrin               | 9.062  | 8.056  | 22166842 | 57871564 | 53.717  | 54.787  |
| 15) B Endosulfa...          | 9.296  | 8.365  | 22291789 | 60110159 | 50.708  | 53.213  |
| 16) A 4,4'-DDD              | 9.202  | 8.219  | 20537209 | 55297605 | 45.424  | 56.132  |
| 17) MA 4,4'-DDT             | 9.521  | 8.478  | 24265842 | 59727749 | 52.794  | 59.697m |
| 18) B Endrin al...          | 9.430  | 8.551  | 18008344 | 43255810 | 50.883  | 54.159m |
| 19) B Endosulfa...          | 9.668  | 8.781  | 23223003 | 61453220 | 51.382  | 56.455m |
| 20) A Methoxychlor          | 10.007 | 9.073  | 12899803 | 34338376 | 52.671  | 58.759  |
| 21) B Endrin ke...          | 10.170 | 9.300  | 26122815 | 66094685 | 50.938  | 59.284m |
| 22) Mirex                   | 10.643 | 9.490  | 20399371 | 51209104 | 50.555  | 52.869  |
| -----                       |        |        |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052322\  
Data File : PL074950.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 23 May 2022 17:12  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

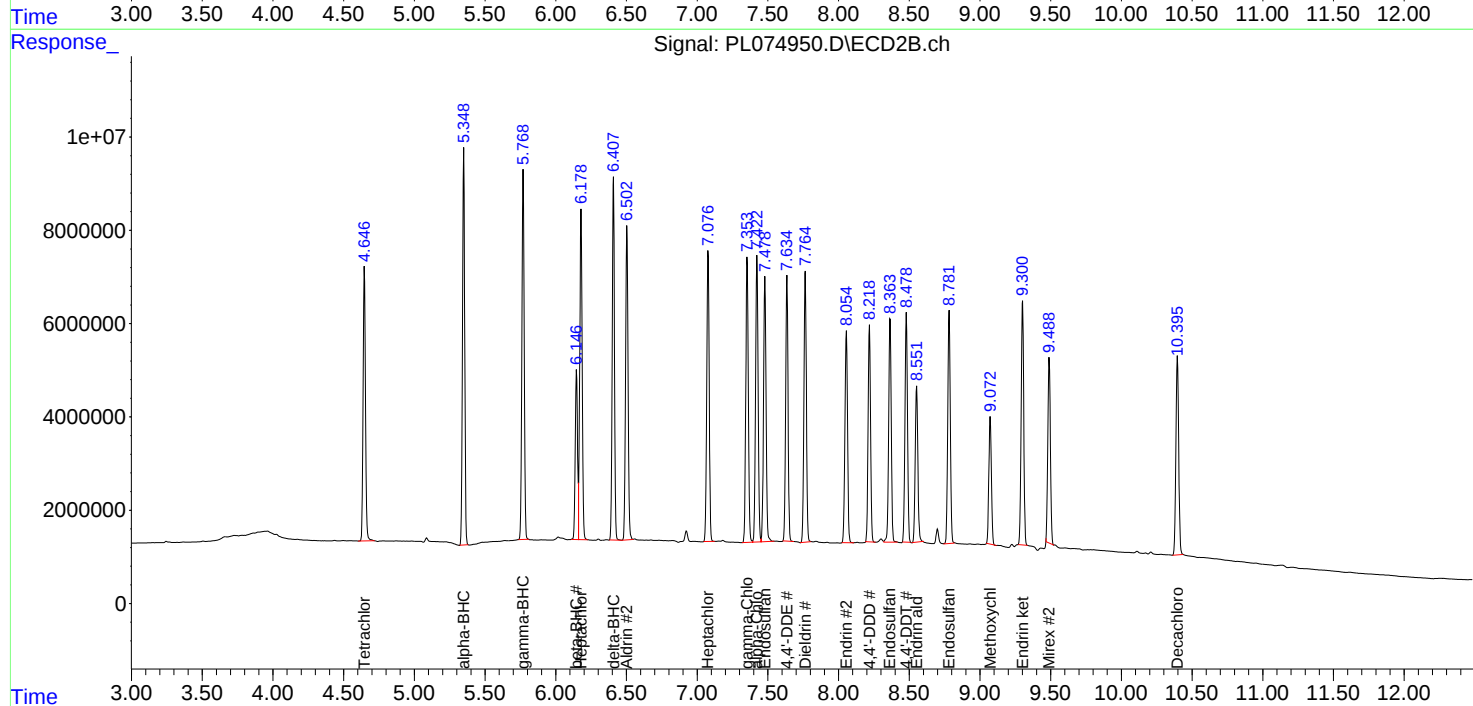
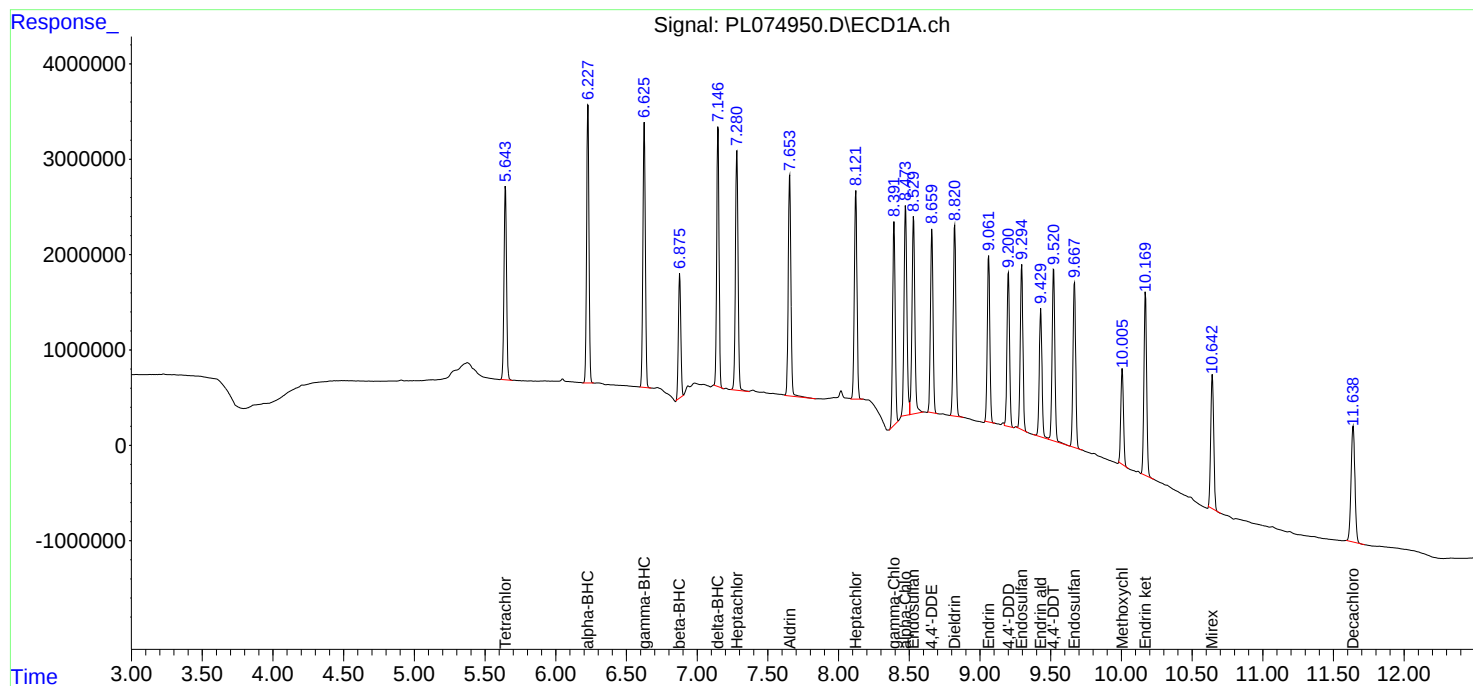
## Manual Integrations

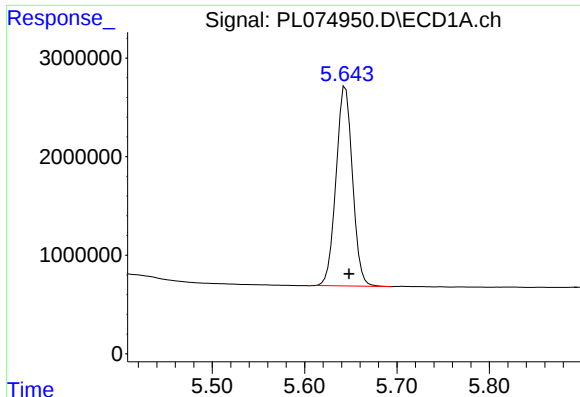
## APPROVED

Reviewed By :Abdul Mirza 05/24/2022  
Supervised By :Ankita Jodhani 05/24/2022

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: May 24 02:42:38 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051122.M  
Quant Title : GC Extractables  
QLast Update : Sat May 14 02:37:15 2022  
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





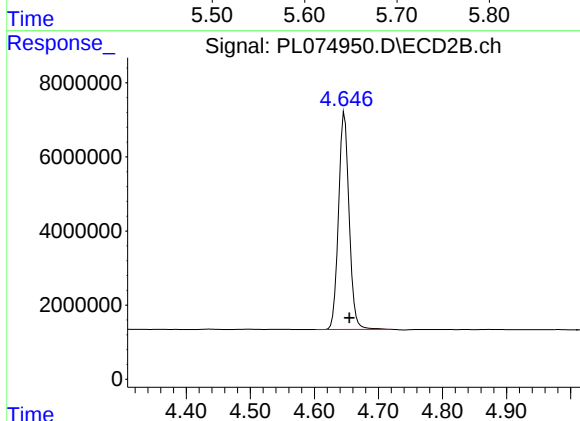
#1 Tetrachloro-m-xylene

R.T.: 5.644 min  
Delta R.T.: -0.004 min  
Response: 25046009  
Conc: 49.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

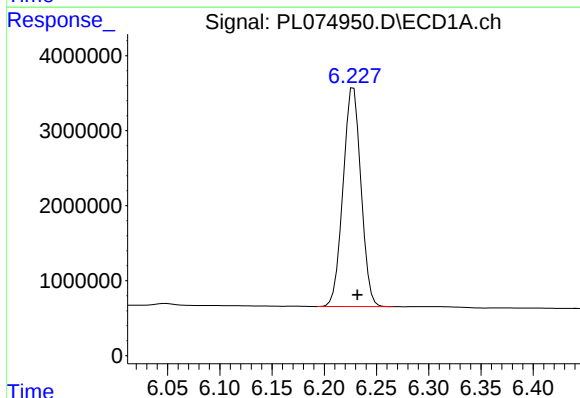
Manual Integrations  
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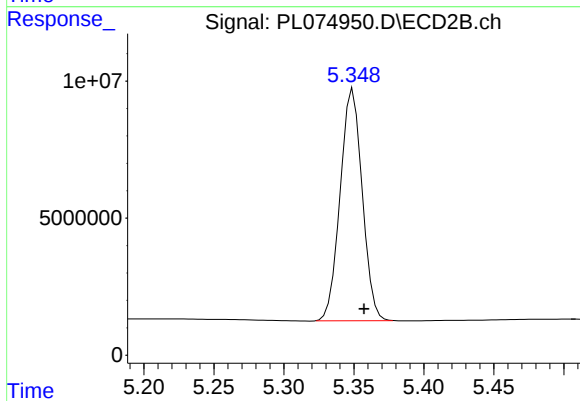
#1 Tetrachloro-m-xylene

R.T.: 4.647 min  
Delta R.T.: -0.007 min  
Response: 67402869  
Conc: 49.11 ng/ml



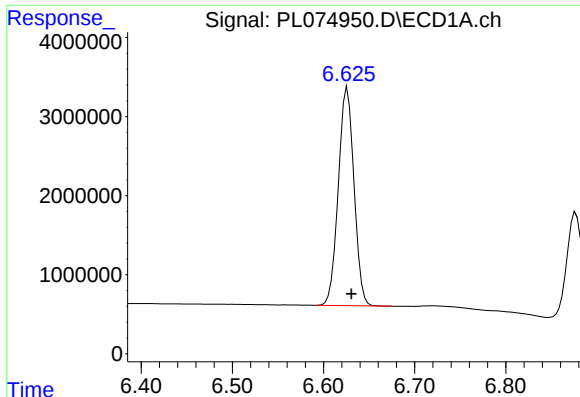
#2 alpha-BHC

R.T.: 6.228 min  
Delta R.T.: -0.004 min  
Response: 34792312  
Conc: 50.86 ng/ml



#2 alpha-BHC

R.T.: 5.348 min  
Delta R.T.: -0.009 min  
Response: 92778680  
Conc: 55.13 ng/ml m



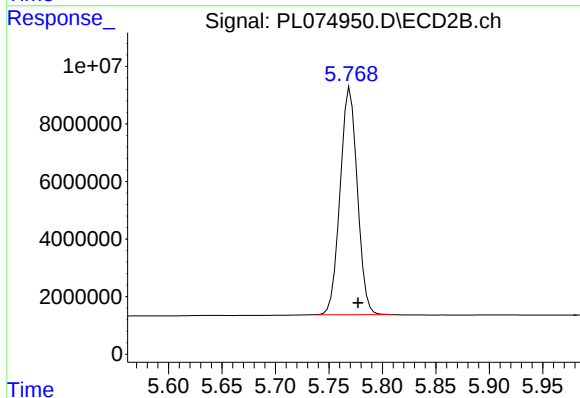
#3 gamma-BHC (Lindane)

R.T.: 6.626 min  
Delta R.T.: -0.004 min  
Response: 32969955  
Conc: 51.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

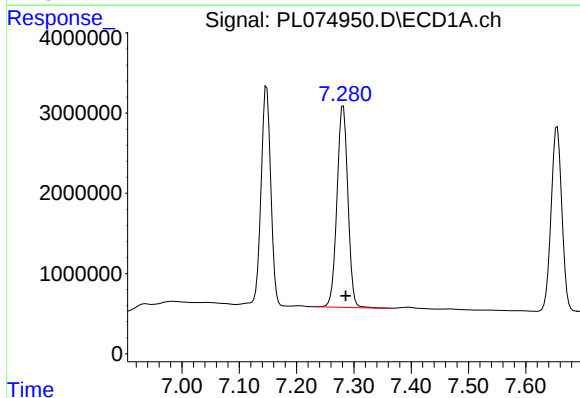
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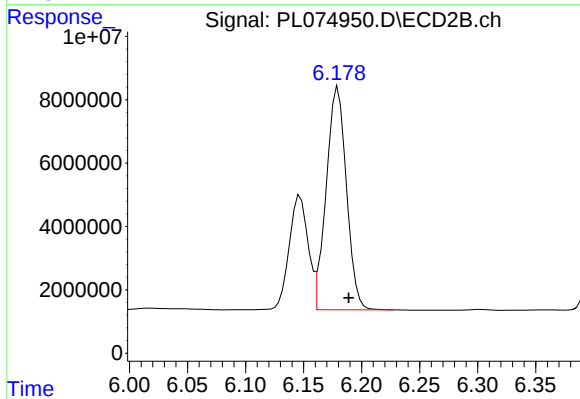
#3 gamma-BHC (Lindane)

R.T.: 5.768 min  
Delta R.T.: -0.009 min  
Response: 88480037  
Conc: 53.55 ng/ml m



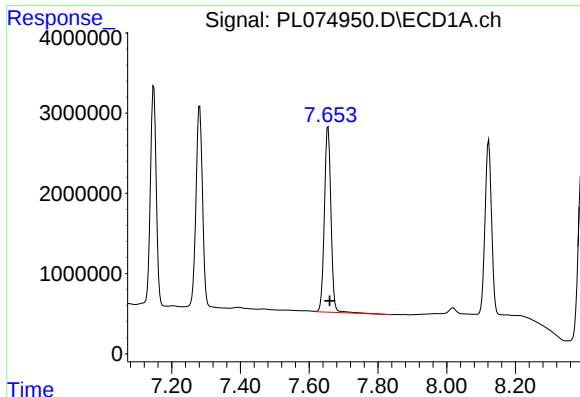
#4 Heptachlor

R.T.: 7.281 min  
Delta R.T.: -0.004 min  
Response: 33262163  
Conc: 51.54 ng/ml



#4 Heptachlor

R.T.: 6.180 min  
Delta R.T.: -0.009 min  
Response: 85242964  
Conc: 56.16 ng/ml



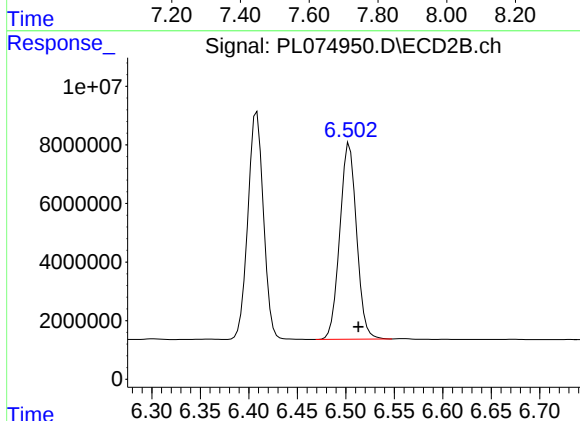
#5 Aldrin

R.T.: 7.655 min  
Delta R.T.: -0.005 min  
Response: 30897155  
Conc: 49.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

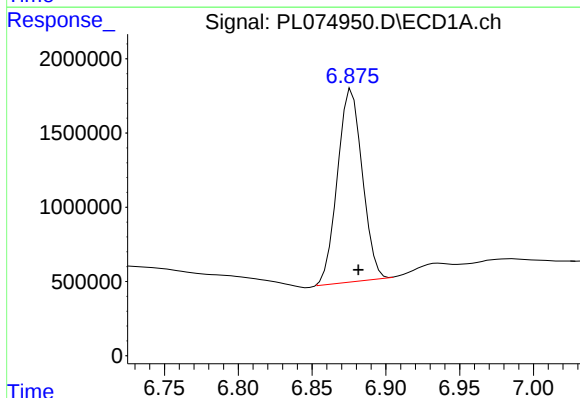
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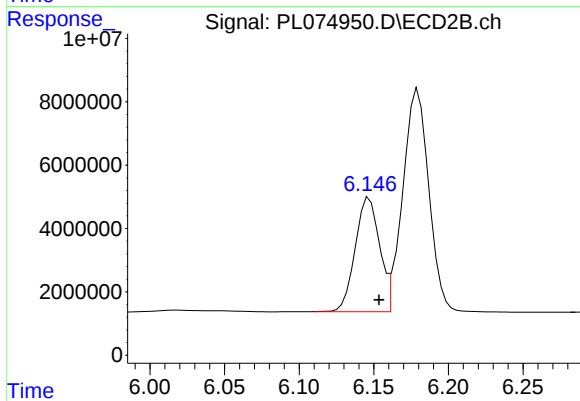
#5 Aldrin

R.T.: 6.504 min  
Delta R.T.: -0.009 min  
Response: 80585617  
Conc: 53.71 ng/ml



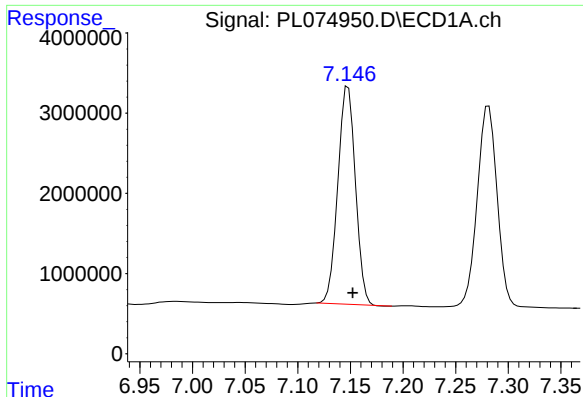
#6 beta-BHC

R.T.: 6.877 min  
Delta R.T.: -0.005 min  
Response: 15272409  
Conc: 51.17 ng/ml



#6 beta-BHC

R.T.: 6.147 min  
Delta R.T.: -0.006 min  
Response: 40898473  
Conc: 51.51 ng/ml



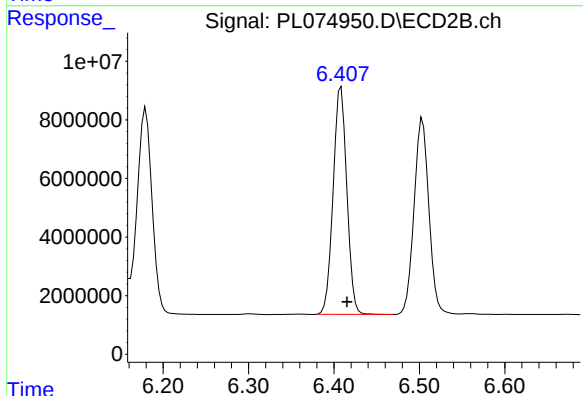
#7 delta-BHC

R.T.: 7.148 min  
Delta R.T.: -0.005 min  
Response: 31701452  
Conc: 50.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

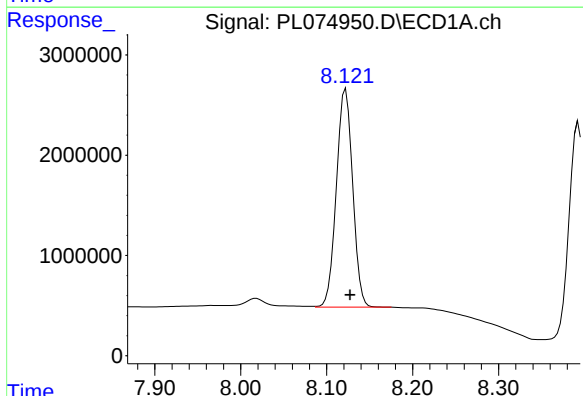
Manual Integrations  
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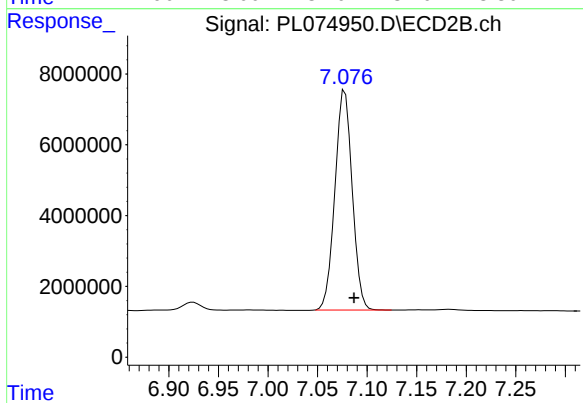
#7 delta-BHC

R.T.: 6.408 min  
Delta R.T.: -0.007 min  
Response: 86552419  
Conc: 55.35 ng/ml



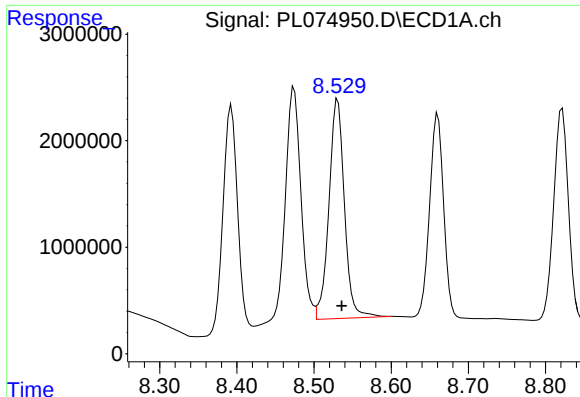
#8 Heptachlor epoxide

R.T.: 8.122 min  
Delta R.T.: -0.005 min  
Response: 28659289  
Conc: 50.39 ng/ml



#8 Heptachlor epoxide

R.T.: 7.078 min  
Delta R.T.: -0.009 min  
Response: 75327735  
Conc: 54.12 ng/ml



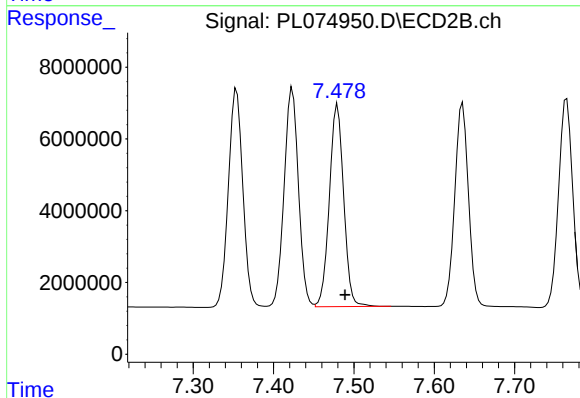
#9 Endosulfan I

R.T.: 8.531 min  
Delta R.T.: -0.005 min  
Response: 28890459  
Conc: 50.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

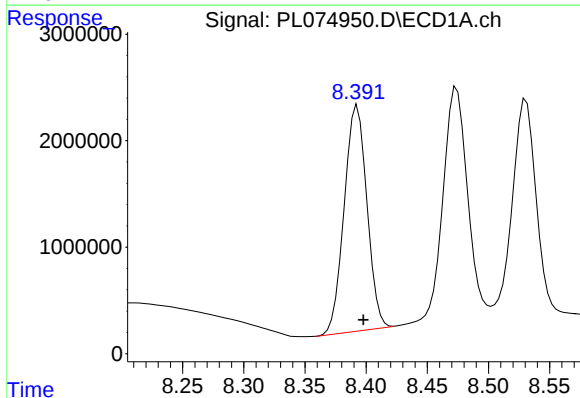
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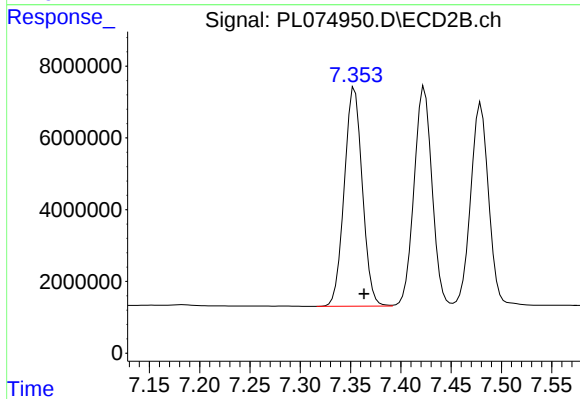
#9 Endosulfan I

R.T.: 7.480 min  
Delta R.T.: -0.009 min  
Response: 69927477  
Conc: 55.89 ng/ml



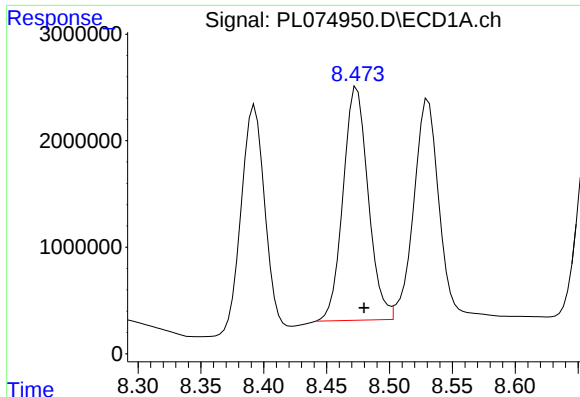
#10 gamma-Chlordane

R.T.: 8.391 min  
Delta R.T.: -0.006 min  
Response: 27463224  
Conc: 53.09 ng/ml m



#10 gamma-Chlordane

R.T.: 7.354 min  
Delta R.T.: -0.009 min  
Response: 75898527  
Conc: 54.77 ng/ml



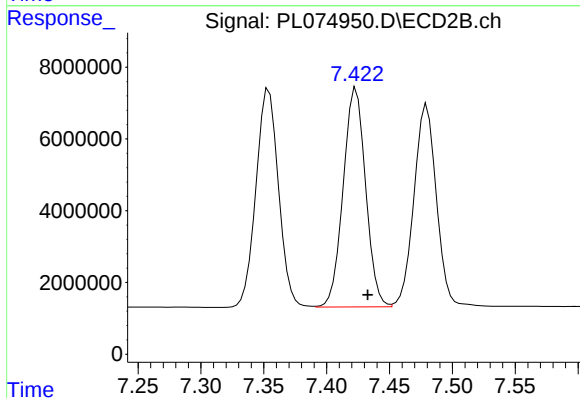
#11 alpha-Chlordane

R.T.: 8.474 min  
Delta R.T.: -0.006 min  
Response: 30402461  
Conc: 49.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

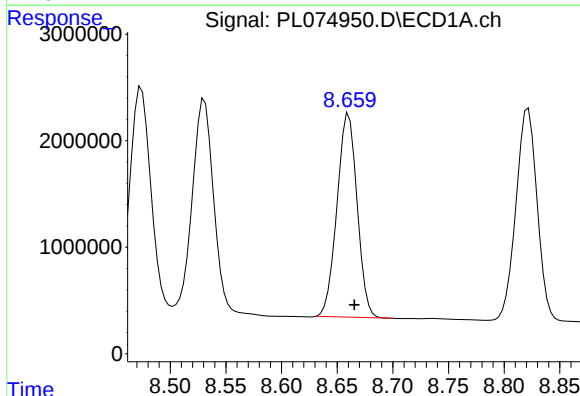
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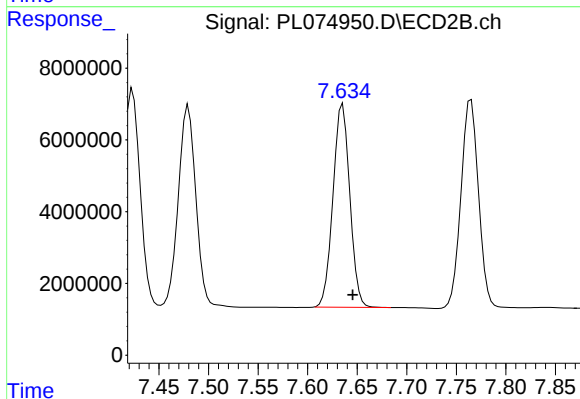
#11 alpha-Chlordane

R.T.: 7.424 min  
Delta R.T.: -0.009 min  
Response: 75708035  
Conc: 56.00 ng/ml



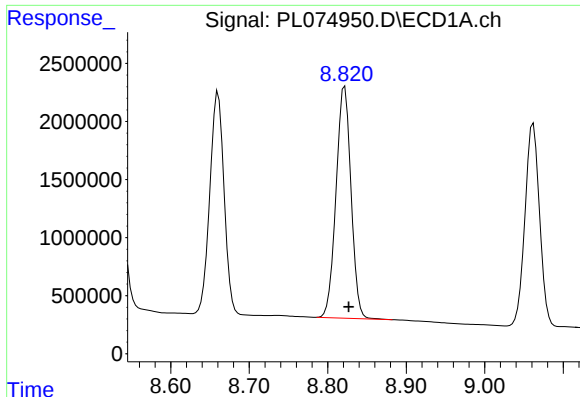
#12 4,4'-DDE

R.T.: 8.660 min  
Delta R.T.: -0.005 min  
Response: 24034423  
Conc: 51.92 ng/ml



#12 4,4'-DDE

R.T.: 7.635 min  
Delta R.T.: -0.010 min  
Response: 66784910  
Conc: 56.76 ng/ml



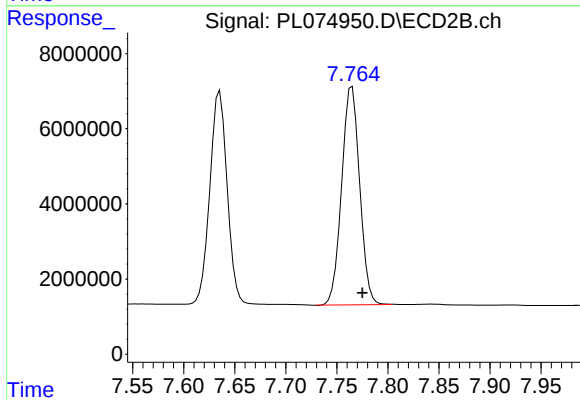
#13 Dieldrin

R.T.: 8.822 min  
Delta R.T.: -0.005 min  
Response: 26487485  
Conc: 50.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

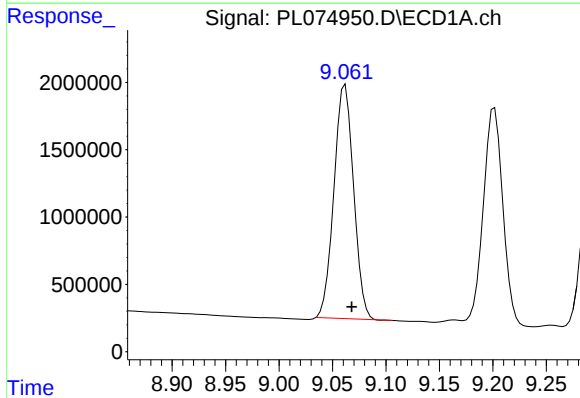
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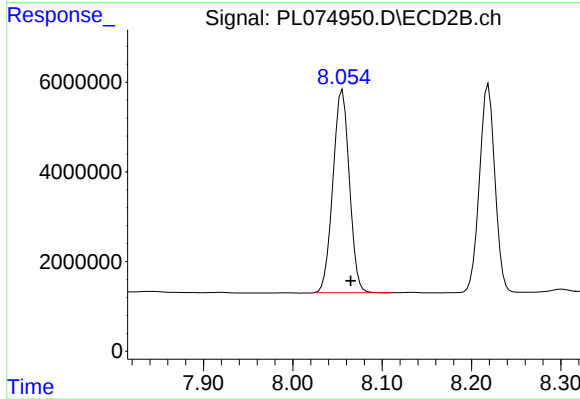
#13 Dieldrin

R.T.: 7.764 min  
Delta R.T.: -0.011 min  
Response: 71380917  
Conc: 56.03 ng/ml m



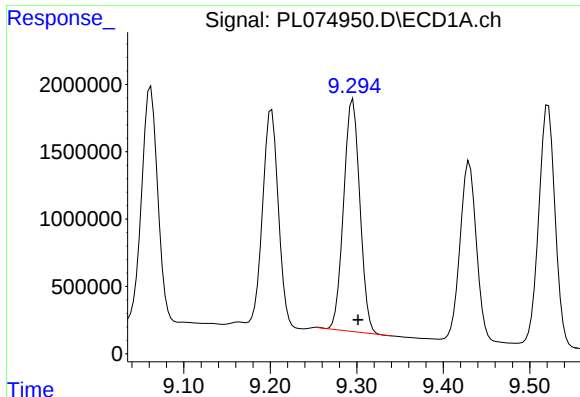
#14 Endrin

R.T.: 9.062 min  
Delta R.T.: -0.006 min  
Response: 22166842  
Conc: 53.72 ng/ml



#14 Endrin

R.T.: 8.056 min  
Delta R.T.: -0.009 min  
Response: 57871564  
Conc: 54.79 ng/ml



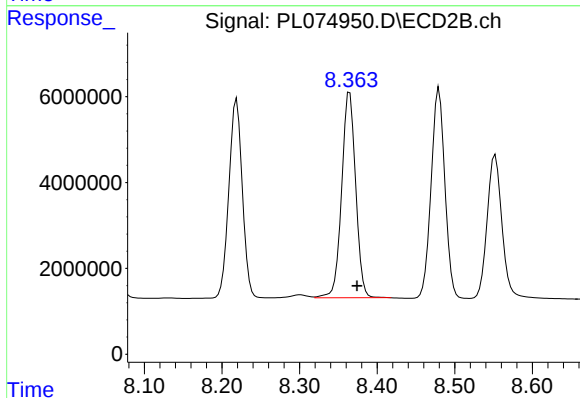
#15 Endosulfan II

R.T.: 9.296 min  
Delta R.T.: -0.006 min  
Response: 22291789  
Conc: 50.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

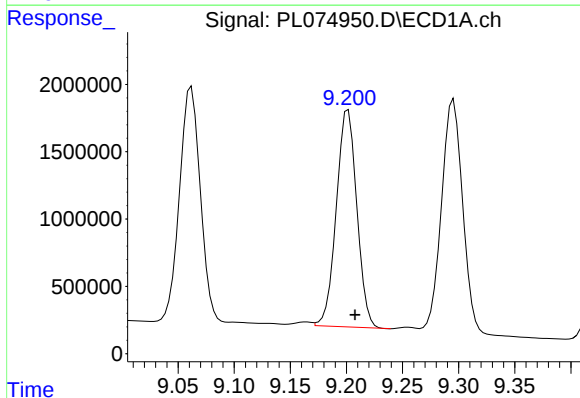
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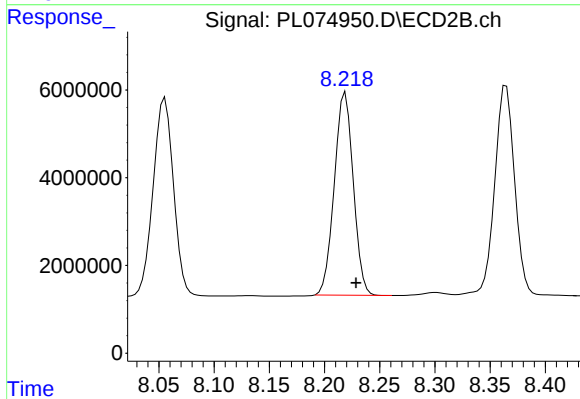
#15 Endosulfan II

R.T.: 8.365 min  
Delta R.T.: -0.009 min  
Response: 60110159  
Conc: 53.21 ng/ml



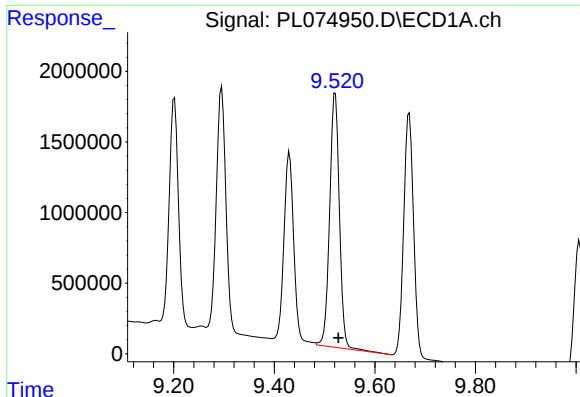
#16 4,4'-DDD

R.T.: 9.202 min  
Delta R.T.: -0.006 min  
Response: 20537209  
Conc: 45.42 ng/ml



#16 4,4'-DDD

R.T.: 8.219 min  
Delta R.T.: -0.010 min  
Response: 55297605  
Conc: 56.13 ng/ml



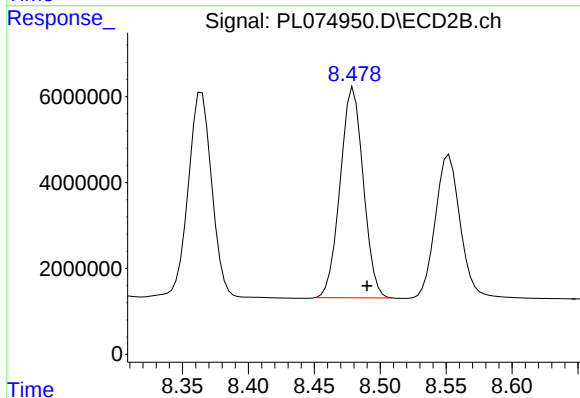
#17 4,4'-DDT

R.T.: 9.521 min  
Delta R.T.: -0.006 min  
Response: 24265842  
Conc: 52.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

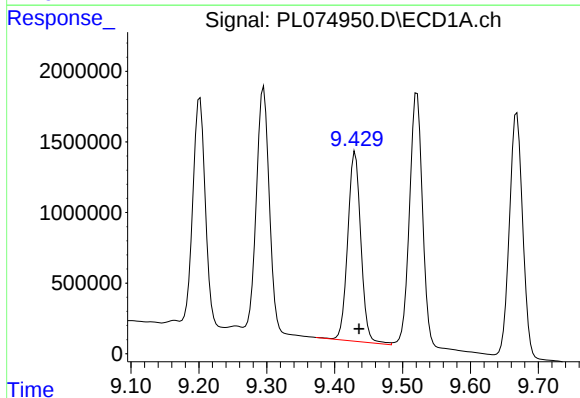
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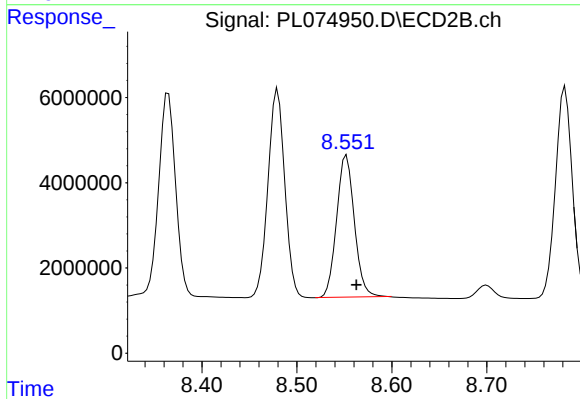
#17 4,4'-DDT

R.T.: 8.478 min  
Delta R.T.: -0.012 min  
Response: 59727749  
Conc: 59.70 ng/ml m



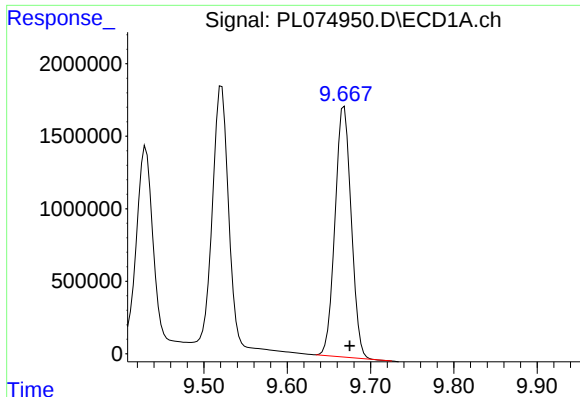
#18 Endrin aldehyde

R.T.: 9.430 min  
Delta R.T.: -0.006 min  
Response: 18008344  
Conc: 50.88 ng/ml



#18 Endrin aldehyde

R.T.: 8.551 min  
Delta R.T.: -0.012 min  
Response: 43255810  
Conc: 54.16 ng/ml m



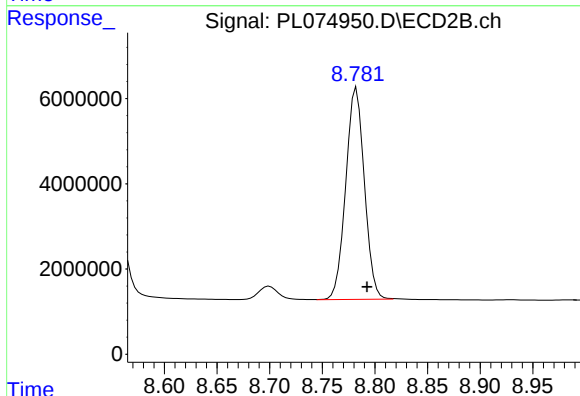
#19 Endosulfan Sulfate

R.T.: 9.668 min  
Delta R.T.: -0.007 min  
Response: 23223003  
Conc: 51.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

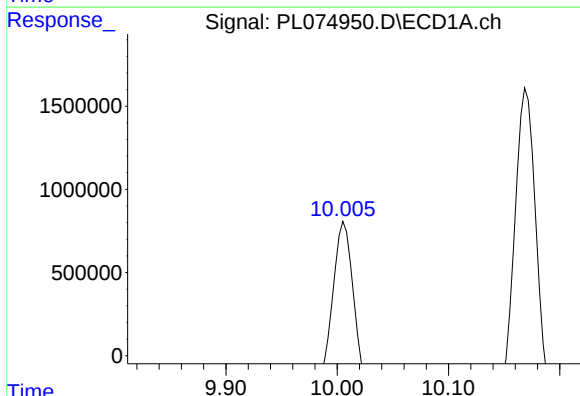
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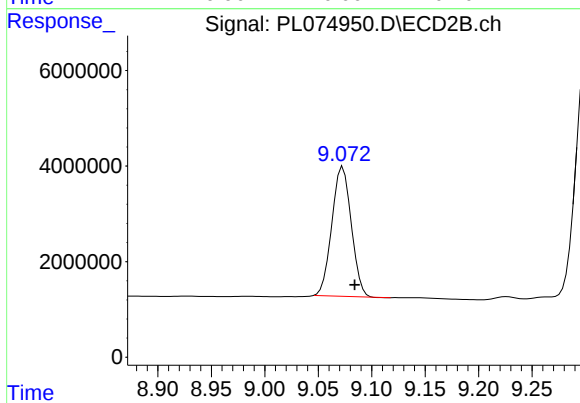
#19 Endosulfan Sulfate

R.T.: 8.781 min  
Delta R.T.: -0.011 min  
Response: 61453220  
Conc: 56.45 ng/ml m



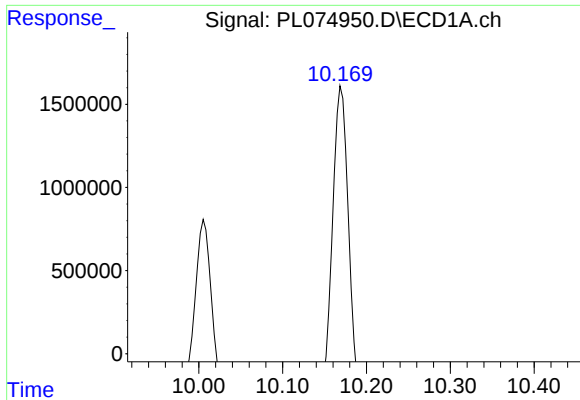
#20 Methoxychlor

R.T.: 10.007 min  
Delta R.T.: -0.006 min  
Response: 12899803  
Conc: 52.67 ng/ml



#20 Methoxychlor

R.T.: 9.073 min  
Delta R.T.: -0.011 min  
Response: 34338376  
Conc: 58.76 ng/ml



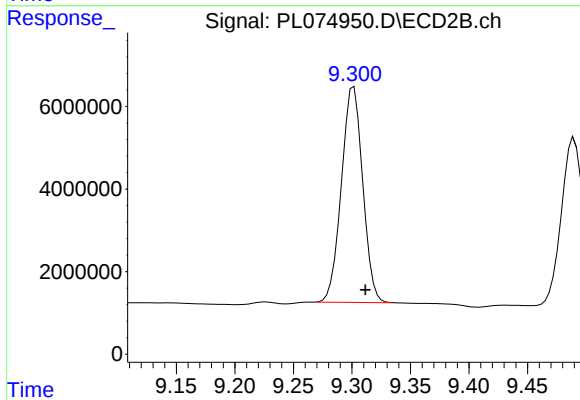
#21 Endrin ketone

R.T.: 10.170 min  
Delta R.T.: -0.007 min  
Response: 26122815  
Conc: 50.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

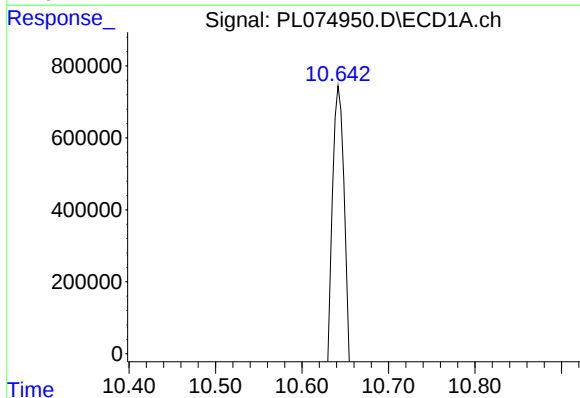
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 05/24/2022  
Supervised By :Ankita Jodhani 05/24/2022



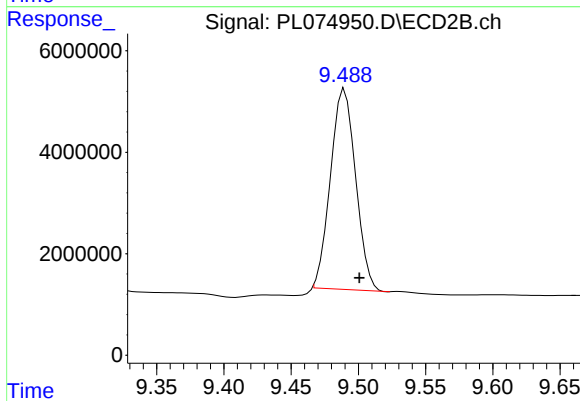
#21 Endrin ketone

R.T.: 9.300 min  
Delta R.T.: -0.011 min  
Response: 66094685  
Conc: 59.28 ng/ml m



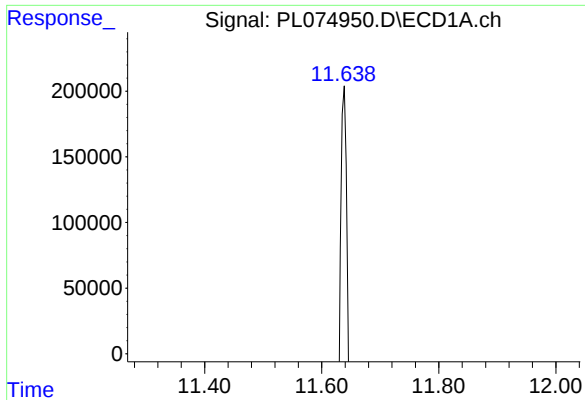
#22 Mirex

R.T.: 10.643 min  
Delta R.T.: -0.008 min  
Response: 20399371  
Conc: 50.55 ng/ml



#22 Mirex

R.T.: 9.490 min  
Delta R.T.: -0.011 min  
Response: 51209104  
Conc: 52.87 ng/ml



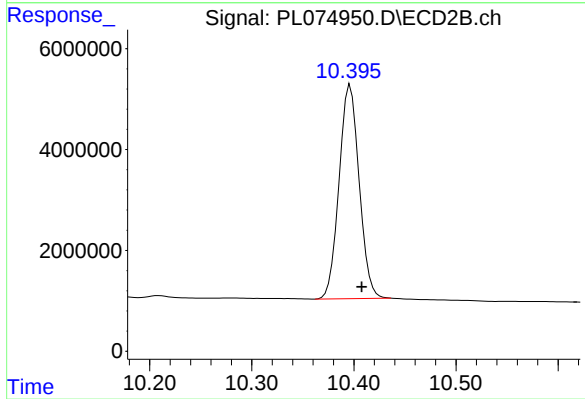
#28 Decachlorobiphenyl

R.T.: 11.639 min  
Delta R.T.: -0.012 min  
Response: 22977180  
Conc: 51.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 05/24/2022  
Supervised By :Ankita Jodhani 05/24/2022



#28 Decachlorobiphenyl

R.T.: 10.395 min  
Delta R.T.: -0.013 min  
Response: 57986229  
Conc: 56.49 ng/ml m