

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062024\  
 Data File : PL090272.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 20 Jun 2024 19:51  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 06/21/2024  
 Supervised By :Ankita Jodhani 06/21/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 21 02:42:46 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052424.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 24 14:57:01 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... | 3.547 | 2.790 | 108.9E6  | 78269599 | 52.033  | 54.588  |
| 28)                         | SA Decachlor... | 9.056 | 7.934 | 71175484 | 73525721 | 48.406  | 49.479  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 4.002 | 3.295 | 153.7E6  | 116.0E6  | 51.544  | 54.287  |
| 3)                          | MA gamma-BHC... | 4.335 | 3.625 | 149.4E6  | 113.1E6  | 51.418  | 54.091  |
| 4)                          | MA Heptachlor   | 4.924 | 3.966 | 134.7E6  | 104.8E6  | 51.607  | 52.516  |
| 5)                          | MB Aldrin       | 5.265 | 4.247 | 132.5E6  | 105.7E6  | 49.854  | 52.912  |
| 6)                          | B beta-BHC      | 4.528 | 3.923 | 65475073 | 48162993 | 50.127m | 52.648  |
| 7)                          | B delta-BHC     | 4.777 | 4.154 | 141.1E6  | 110.7E6  | 51.222  | 54.946  |
| 8)                          | B Heptachlo...  | 5.690 | 4.749 | 123.7E6  | 94428371 | 49.649  | 51.453  |
| 9)                          | A Endosulfan I  | 6.075 | 5.119 | 110.2E6  | 85888900 | 48.787  | 50.275  |
| 10)                         | B gamma-Chl...  | 5.946 | 4.999 | 116.0E6  | 94813712 | 47.981  | 50.870  |
| 11)                         | B alpha-Chl...  | 6.025 | 5.063 | 116.1E6  | 94984867 | 48.352  | 50.624  |
| 12)                         | B 4,4'-DDE      | 6.197 | 5.251 | 103.8E6  | 86089900 | 47.731  | 51.530m |
| 13)                         | MA Dieldrin     | 6.350 | 5.384 | 116.3E6  | 94200182 | 49.045  | 51.123  |
| 14)                         | MA Endrin       | 6.580 | 5.658 | 101.0E6  | 84724865 | 50.243  | 51.725  |
| 15)                         | B Endosulfa...  | 6.798 | 5.952 | 100.9E6  | 80633987 | 48.391  | 50.068  |
| 16)                         | A 4,4'-DDD      | 6.713 | 5.806 | 85512639 | 71131314 | 48.819  | 50.462  |
| 17)                         | MA 4,4'-DDT     | 7.027 | 6.057 | 91085440 | 76385601 | 49.474  | 50.300  |
| 18)                         | B Endrin al...  | 6.927 | 6.131 | 75710832 | 61682913 | 48.843  | 50.828  |
| 19)                         | B Endosulfa...  | 7.161 | 6.354 | 93347597 | 78679480 | 48.776  | 50.029  |
| 20)                         | A Methoxychlor  | 7.501 | 6.632 | 49464695 | 43566308 | 50.362  | 48.974  |
| 21)                         | B Endrin ke...  | 7.646 | 6.860 | 102.2E6  | 91175934 | 48.556  | 50.032  |
| 22)                         | Mirex           | 8.120 | 7.042 | 80711052 | 74108249 | 48.516  | 48.255  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL062024\  
Data File : PL090272.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 20 Jun 2024 19:51  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

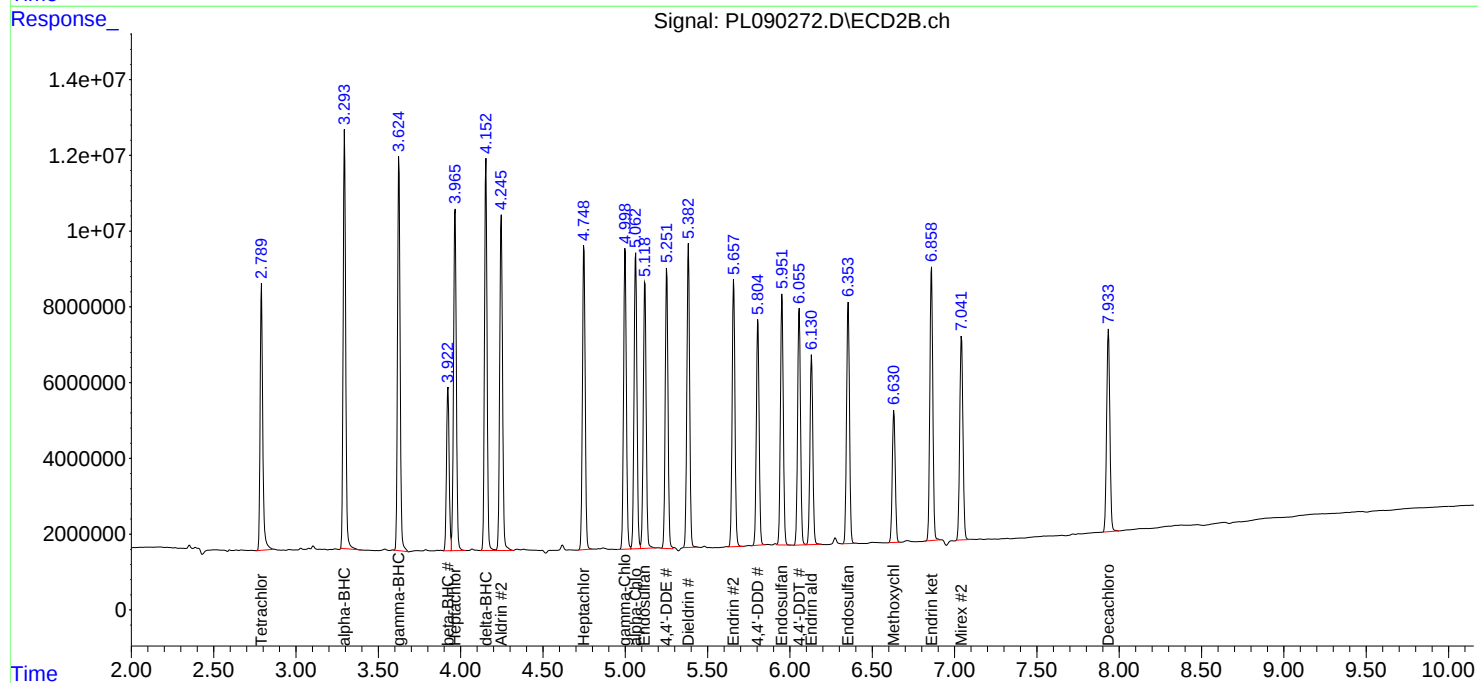
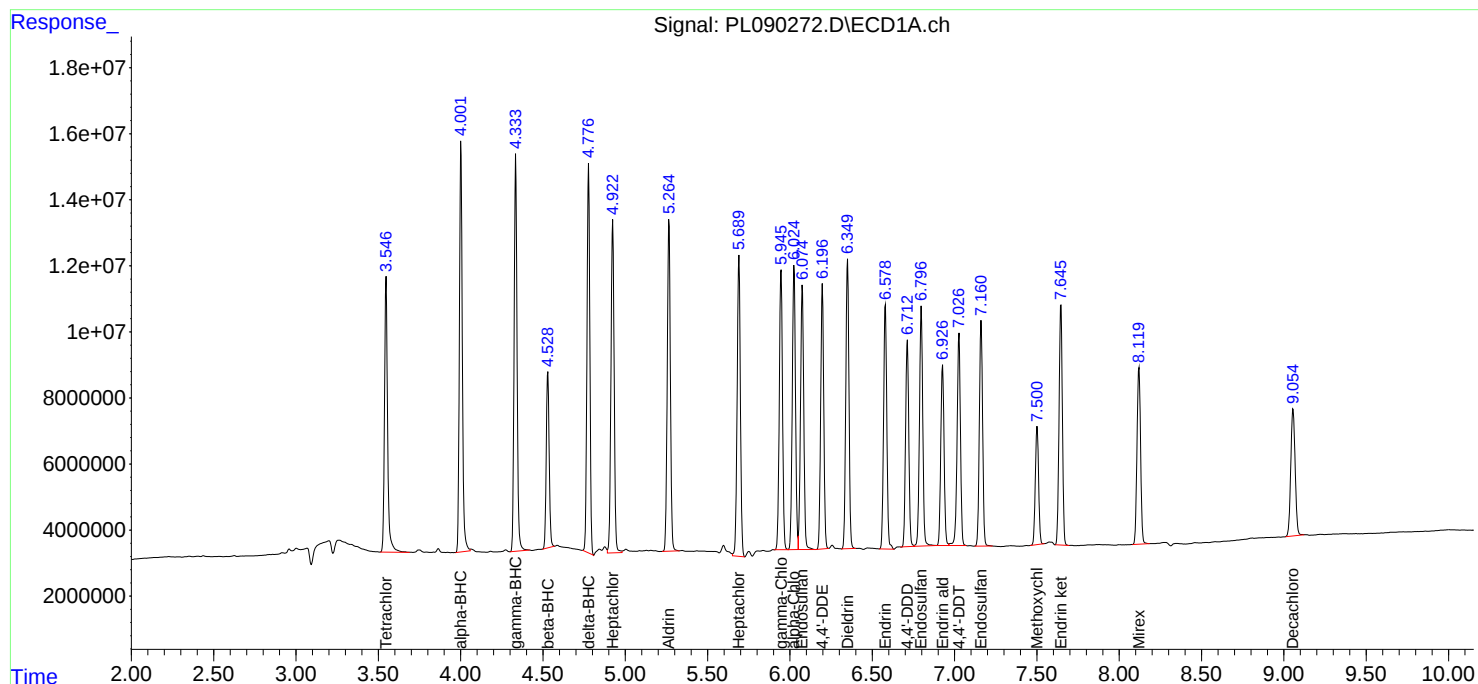
## APPROVED

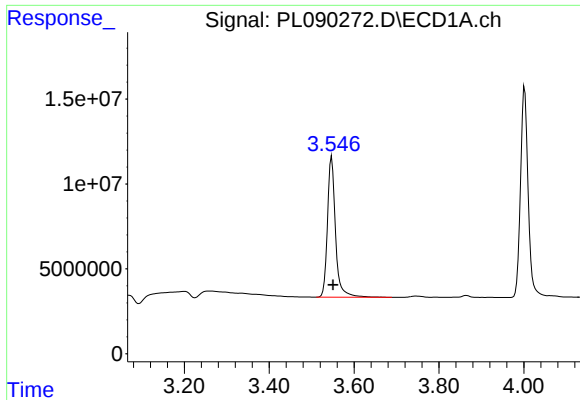
Reviewed By :Abdul Mirza 06/21/2024

Supervised By :Ankita Jodhani 06/21/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 21 02:42:46 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052424.M  
Quant Title : GC Extractables  
QLast Update : Fri May 24 14:57:01 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





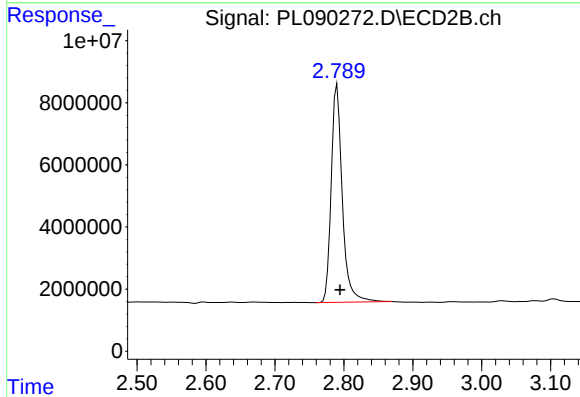
#1 Tetrachloro-m-xylene

R.T.: 3.547 min  
Delta R.T.: -0.003 min  
Response: 108943468  
Conc: 52.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

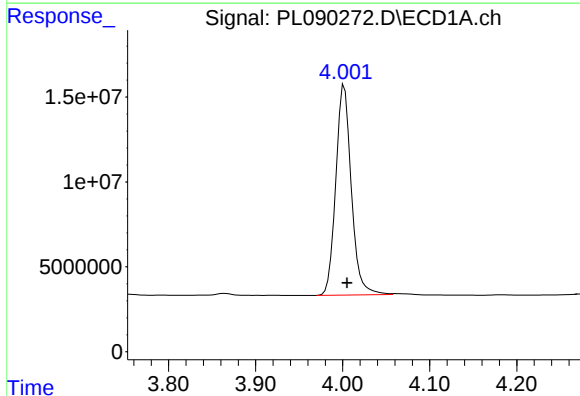
Manual Integrations  
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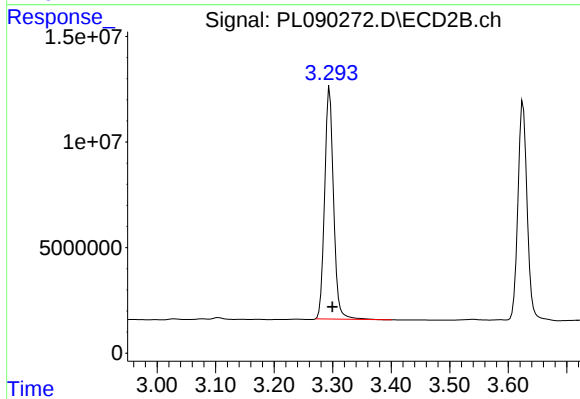
#1 Tetrachloro-m-xylene

R.T.: 2.790 min  
Delta R.T.: -0.005 min  
Response: 78269599  
Conc: 54.59 ng/ml



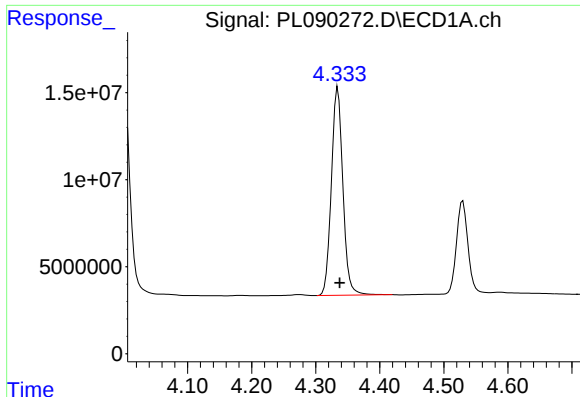
#2 alpha-BHC

R.T.: 4.002 min  
Delta R.T.: -0.003 min  
Response: 153677508  
Conc: 51.54 ng/ml



#2 alpha-BHC

R.T.: 3.295 min  
Delta R.T.: -0.005 min  
Response: 116044905  
Conc: 54.29 ng/ml



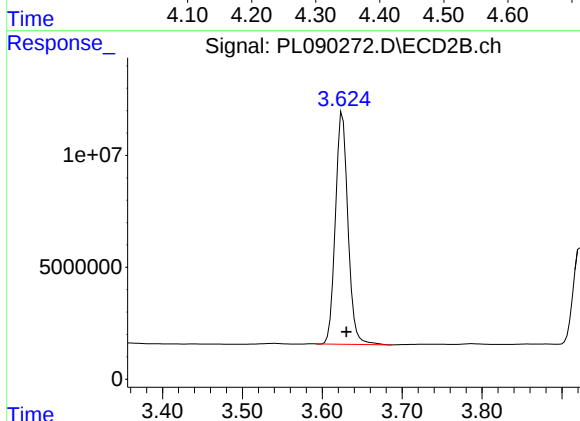
#3 gamma-BHC (Lindane)

R.T.: 4.335 min  
Delta R.T.: -0.003 min  
Response: 149431085  
Conc: 51.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

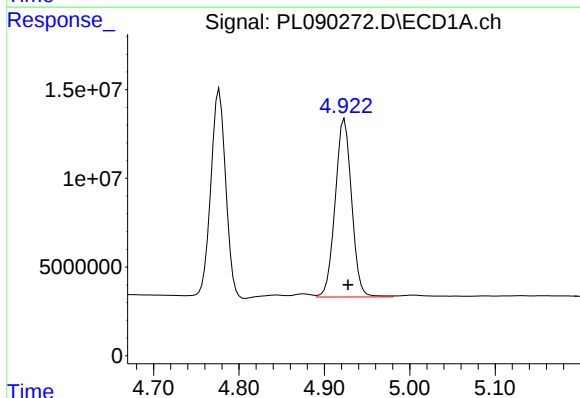
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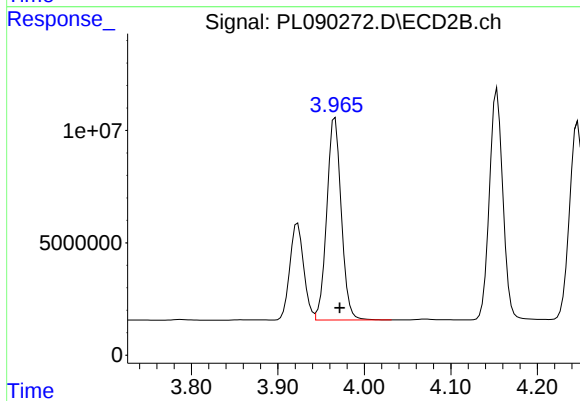
#3 gamma-BHC (Lindane)

R.T.: 3.625 min  
Delta R.T.: -0.005 min  
Response: 113133267  
Conc: 54.09 ng/ml



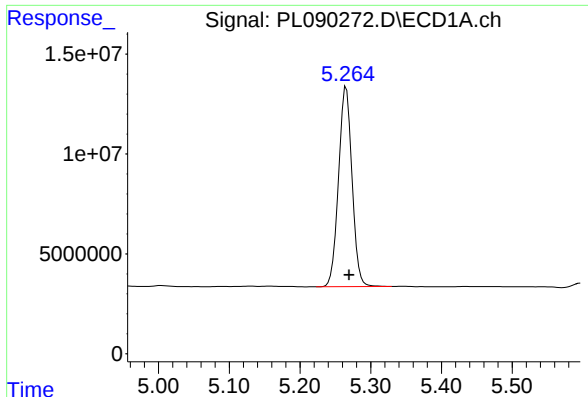
#4 Heptachlor

R.T.: 4.924 min  
Delta R.T.: -0.004 min  
Response: 134719720  
Conc: 51.61 ng/ml



#4 Heptachlor

R.T.: 3.966 min  
Delta R.T.: -0.005 min  
Response: 104809458  
Conc: 52.52 ng/ml



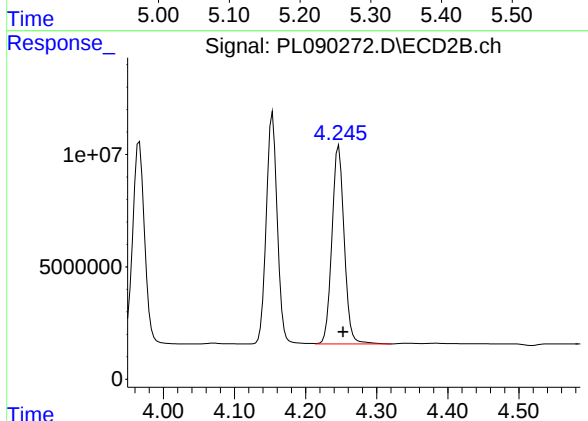
#5 Aldrin

R.T.: 5.265 min  
Delta R.T.: -0.004 min  
Response: 132497311  
Conc: 49.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

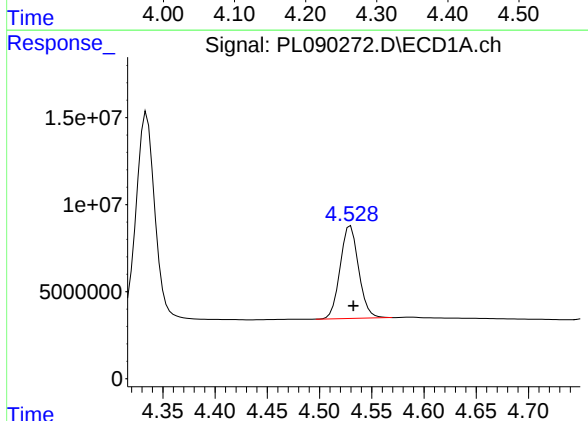
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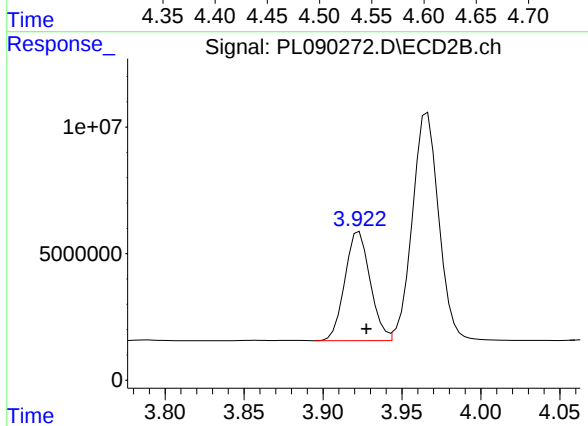
#5 Aldrin

R.T.: 4.247 min  
Delta R.T.: -0.006 min  
Response: 105730616  
Conc: 52.91 ng/ml



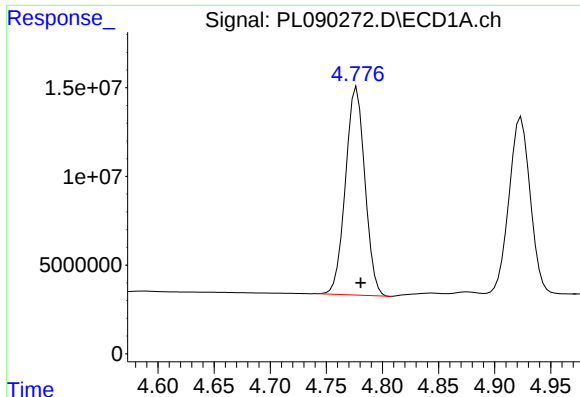
#6 beta-BHC

R.T.: 4.528 min  
Delta R.T.: -0.004 min  
Response: 65475073  
Conc: 50.13 ng/ml m



#6 beta-BHC

R.T.: 3.923 min  
Delta R.T.: -0.005 min  
Response: 48162993  
Conc: 52.65 ng/ml



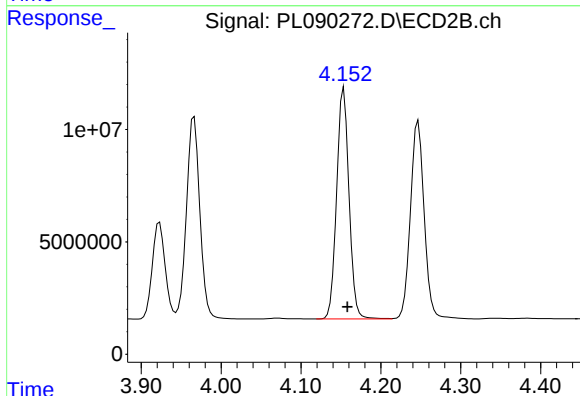
#7 delta-BHC

R.T.: 4.777 min  
Delta R.T.: -0.003 min  
Response: 141107638  
Conc: 51.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

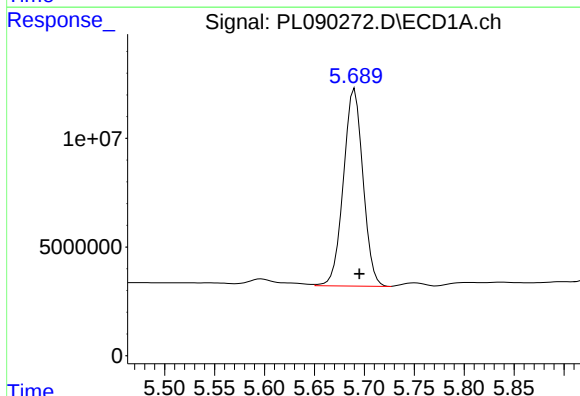
Manual Integrations  
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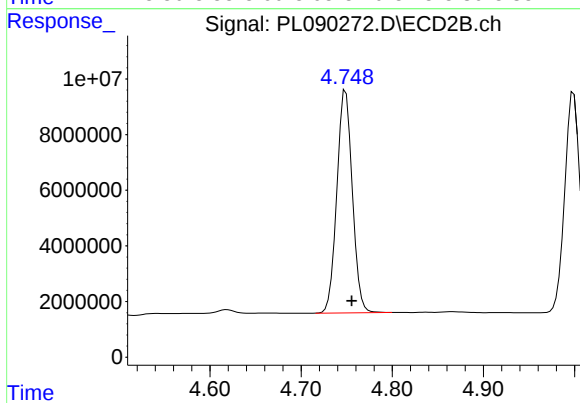
#7 delta-BHC

R.T.: 4.154 min  
Delta R.T.: -0.005 min  
Response: 110741705  
Conc: 54.95 ng/ml



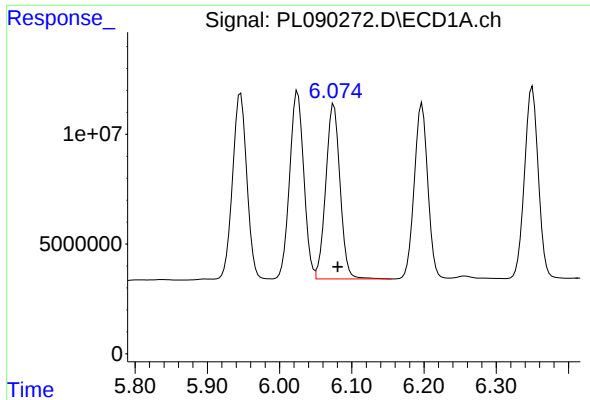
#8 Heptachlor epoxide

R.T.: 5.690 min  
Delta R.T.: -0.005 min  
Response: 123662674  
Conc: 49.65 ng/ml



#8 Heptachlor epoxide

R.T.: 4.749 min  
Delta R.T.: -0.007 min  
Response: 94428371  
Conc: 51.45 ng/ml



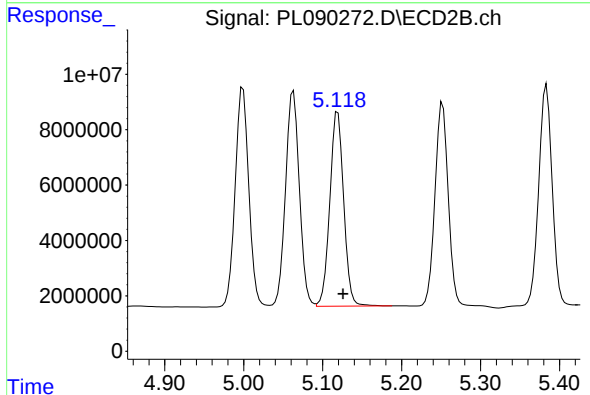
#9 Endosulfan I

R.T.: 6.075 min  
Delta R.T.: -0.005 min  
Response: 110184844  
Conc: 48.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

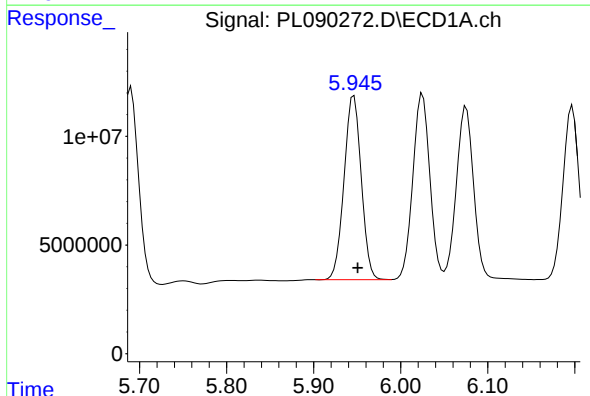
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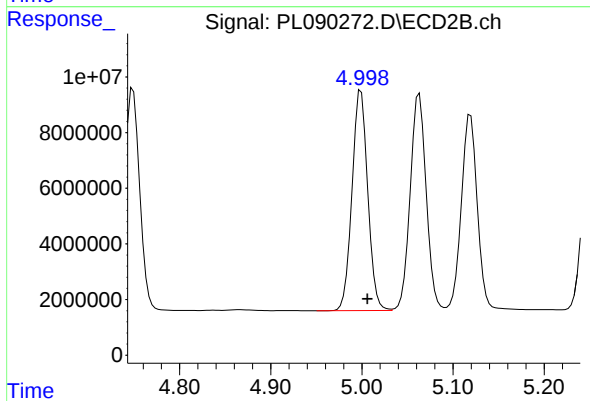
#9 Endosulfan I

R.T.: 5.119 min  
Delta R.T.: -0.007 min  
Response: 85888900  
Conc: 50.27 ng/ml



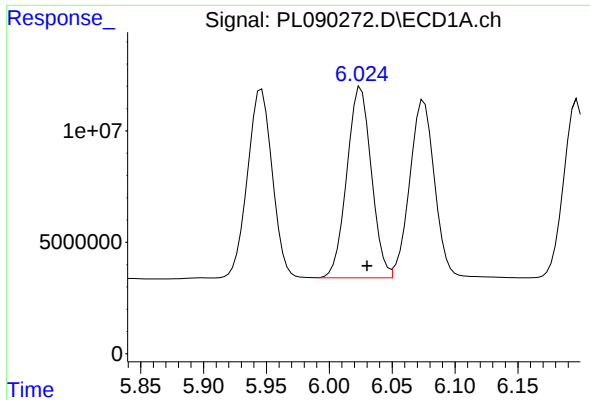
#10 gamma-Chlordane

R.T.: 5.946 min  
Delta R.T.: -0.005 min  
Response: 116033235  
Conc: 47.98 ng/ml



#10 gamma-Chlordane

R.T.: 4.999 min  
Delta R.T.: -0.007 min  
Response: 94813712  
Conc: 50.87 ng/ml



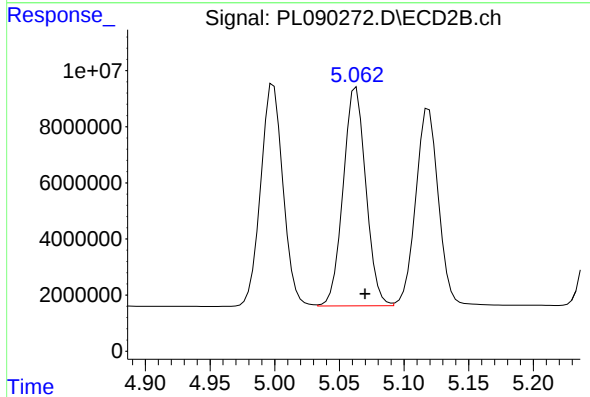
#11 alpha-Chlordane

R.T.: 6.025 min  
Delta R.T.: -0.005 min  
Response: 116143902  
Conc: 48.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

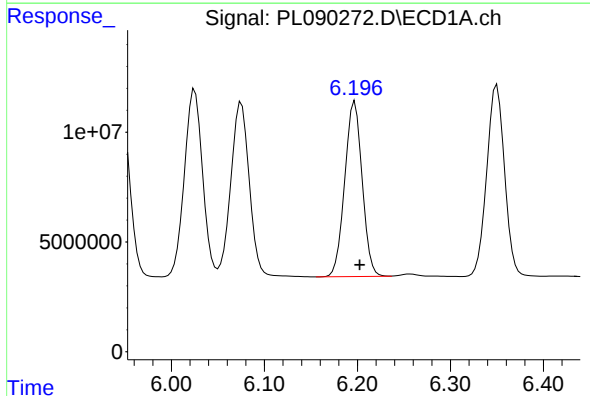
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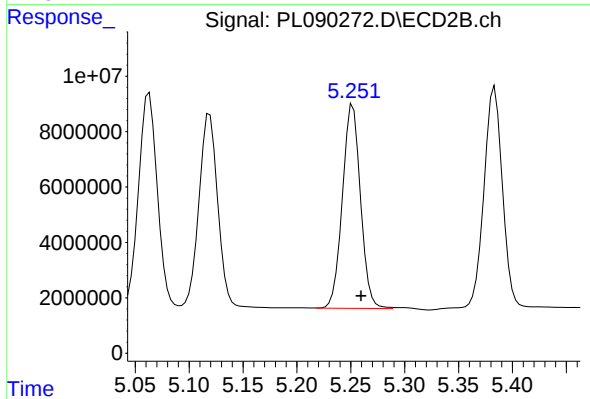
#11 alpha-Chlordane

R.T.: 5.063 min  
Delta R.T.: -0.007 min  
Response: 94984867  
Conc: 50.62 ng/ml



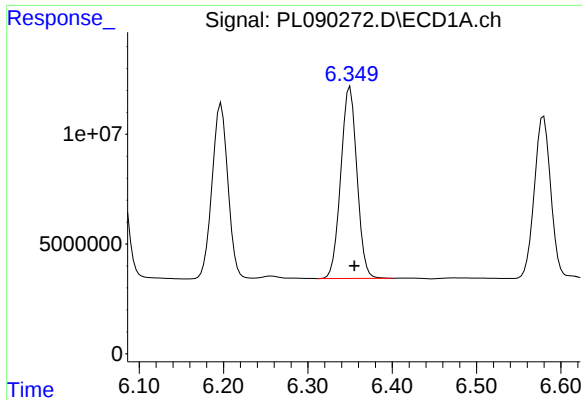
#12 4,4'-DDE

R.T.: 6.197 min  
Delta R.T.: -0.005 min  
Response: 103833098  
Conc: 47.73 ng/ml



#12 4,4'-DDE

R.T.: 5.251 min  
Delta R.T.: -0.009 min  
Response: 86089900  
Conc: 51.53 ng/ml m



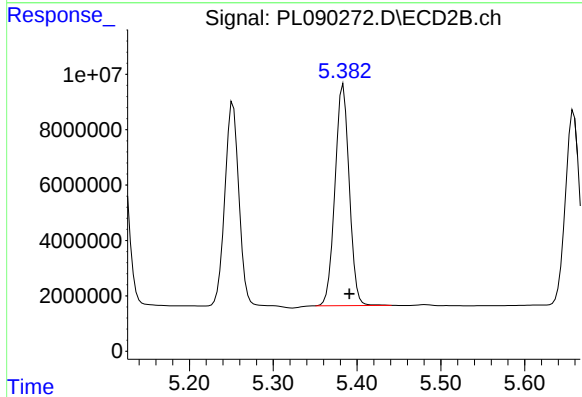
#13 Dieldrin

R.T.: 6.350 min  
Delta R.T.: -0.005 min  
Response: 116270781  
Conc: 49.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

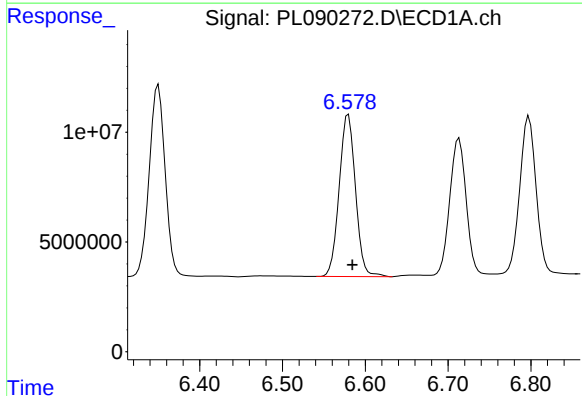
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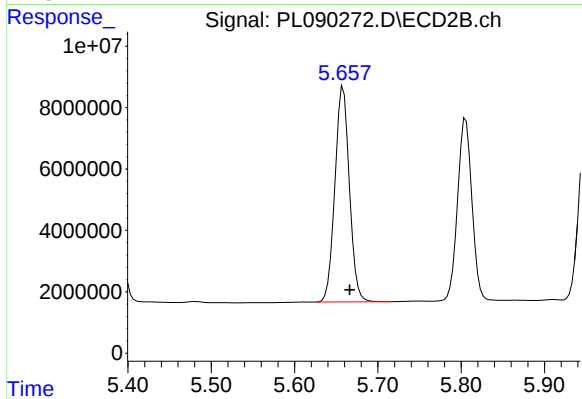
#13 Dieldrin

R.T.: 5.384 min  
Delta R.T.: -0.007 min  
Response: 94200182  
Conc: 51.12 ng/ml



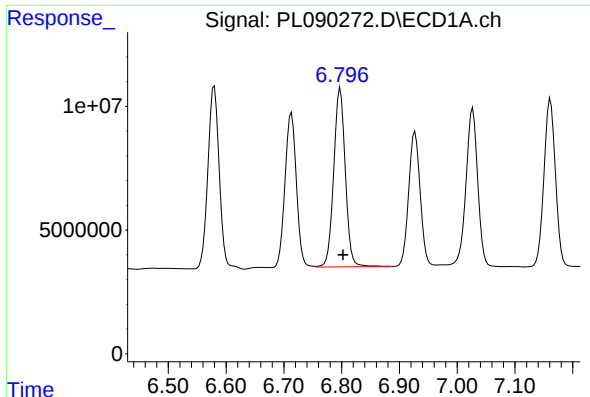
#14 Endrin

R.T.: 6.580 min  
Delta R.T.: -0.005 min  
Response: 101012435  
Conc: 50.24 ng/ml



#14 Endrin

R.T.: 5.658 min  
Delta R.T.: -0.008 min  
Response: 84724865  
Conc: 51.73 ng/ml



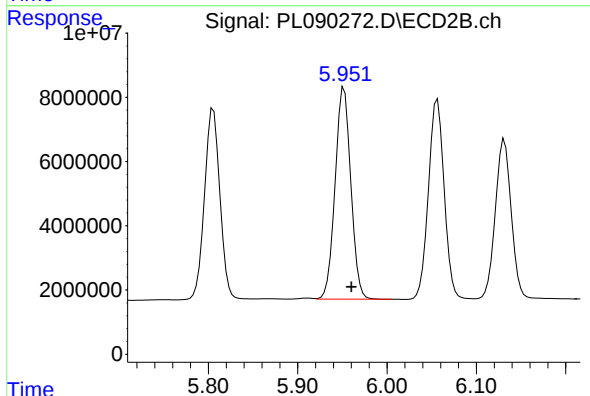
#15 Endosulfan II

R.T.: 6.798 min  
Delta R.T.: -0.005 min  
Response: 100881445  
Conc: 48.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

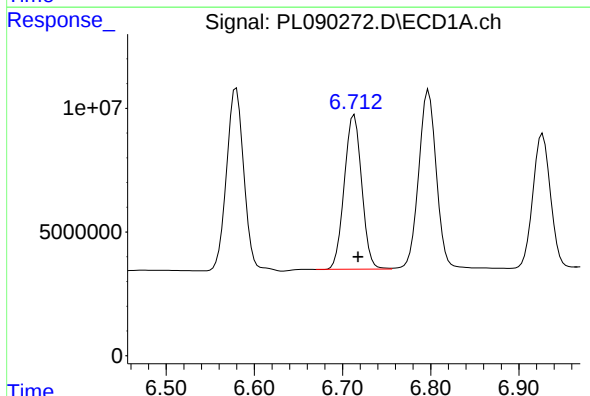
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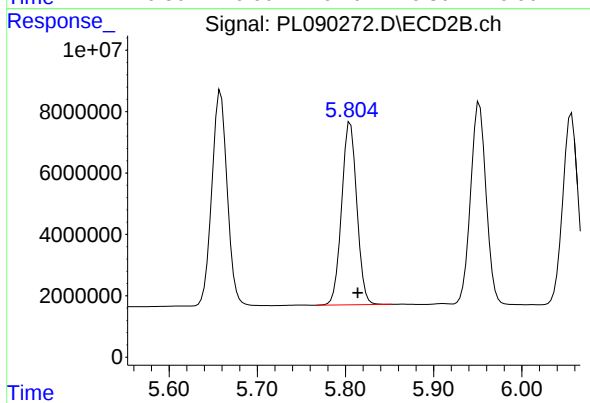
#15 Endosulfan II

R.T.: 5.952 min  
Delta R.T.: -0.008 min  
Response: 80633987  
Conc: 50.07 ng/ml



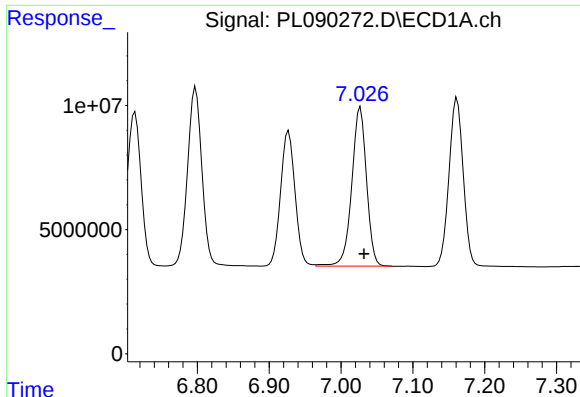
#16 4,4'-DDD

R.T.: 6.713 min  
Delta R.T.: -0.004 min  
Response: 85512639  
Conc: 48.82 ng/ml



#16 4,4'-DDD

R.T.: 5.806 min  
Delta R.T.: -0.008 min  
Response: 71131314  
Conc: 50.46 ng/ml



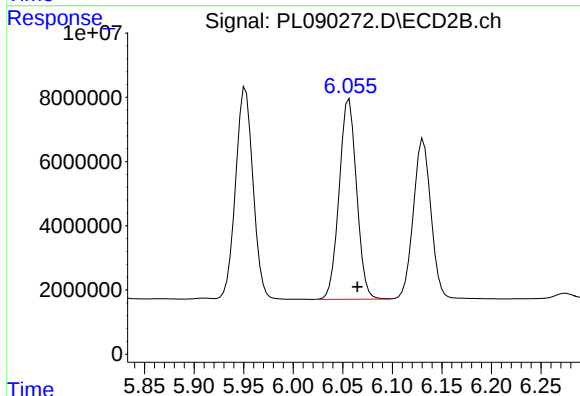
#17 4,4'-DDT

R.T.: 7.027 min  
Delta R.T.: -0.005 min  
Response: 91085440  
Conc: 49.47 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

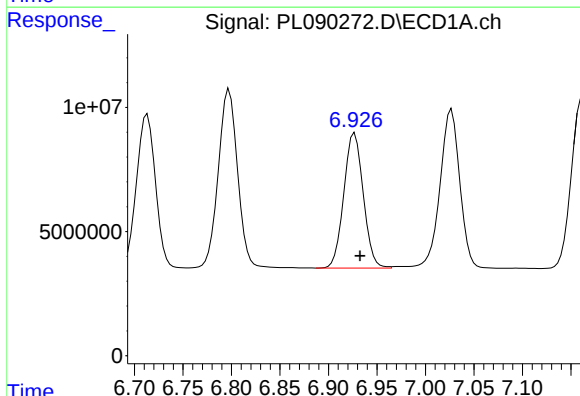
Manual Integrations  
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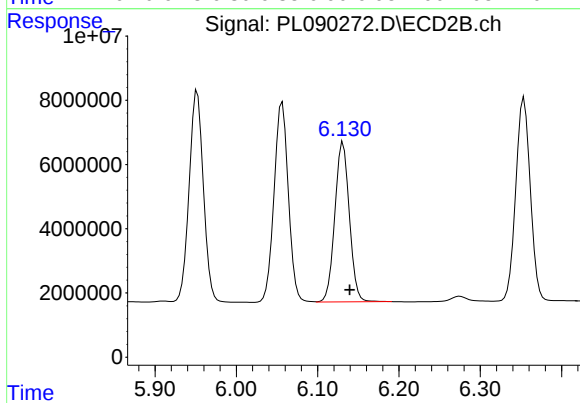
#17 4,4'-DDT

R.T.: 6.057 min  
Delta R.T.: -0.008 min  
Response: 76385601  
Conc: 50.30 ng/ml



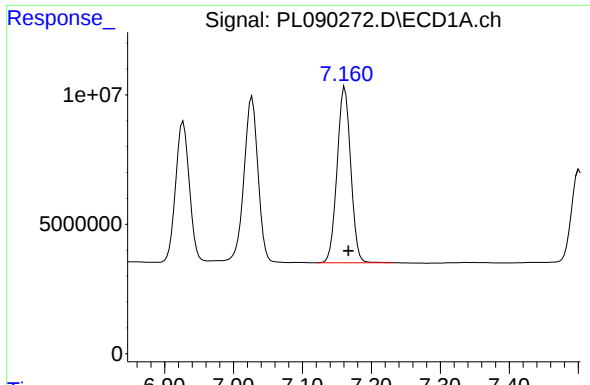
#18 Endrin aldehyde

R.T.: 6.927 min  
Delta R.T.: -0.005 min  
Response: 75710832  
Conc: 48.84 ng/ml



#18 Endrin aldehyde

R.T.: 6.131 min  
Delta R.T.: -0.008 min  
Response: 61682913  
Conc: 50.83 ng/ml



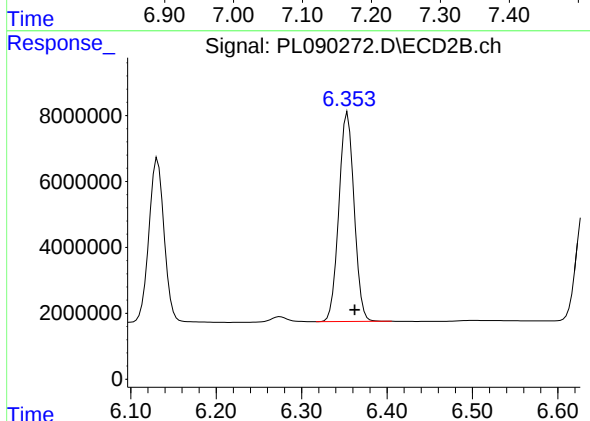
#19 Endosulfan Sulfate

R.T.: 7.161 min  
Delta R.T.: -0.005 min  
Response: 93347597  
Conc: 48.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

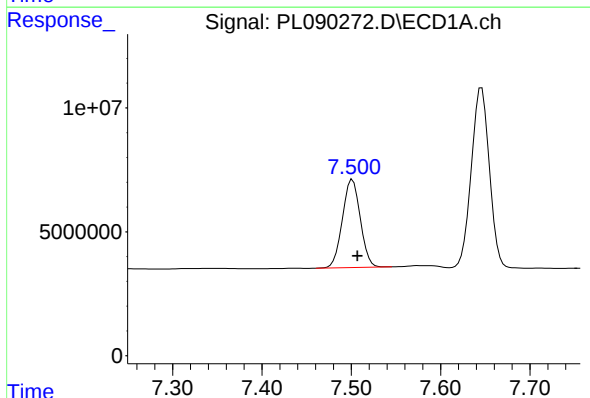
Manual Integrations  
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Reviewed By :Abdul Mirza 06/21/2024  
Supervised By :Ankita Jodhani 06/21/2024



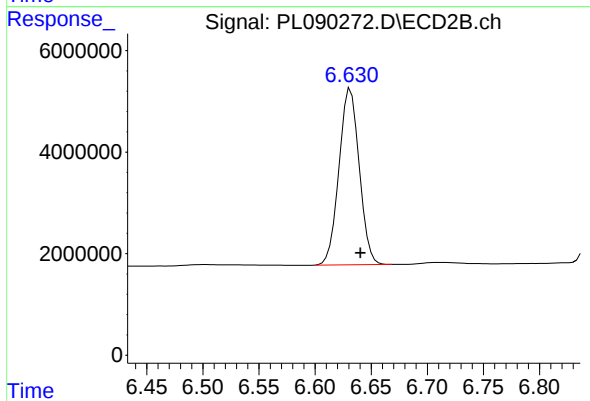
#19 Endosulfan Sulfate

R.T.: 6.354 min  
Delta R.T.: -0.008 min  
Response: 78679480  
Conc: 50.03 ng/ml



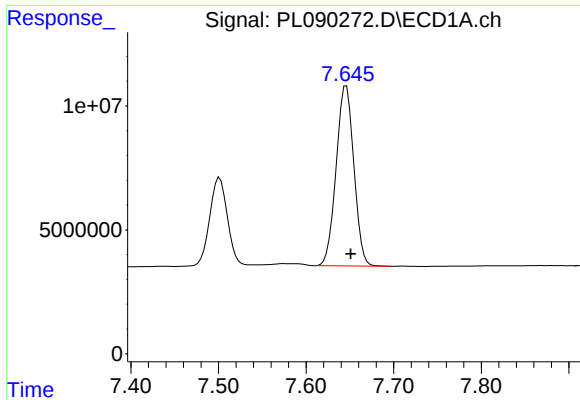
#20 Methoxychlor

R.T.: 7.501 min  
Delta R.T.: -0.005 min  
Response: 49464695  
Conc: 50.36 ng/ml



#20 Methoxychlor

R.T.: 6.632 min  
Delta R.T.: -0.009 min  
Response: 43566308  
Conc: 48.97 ng/ml



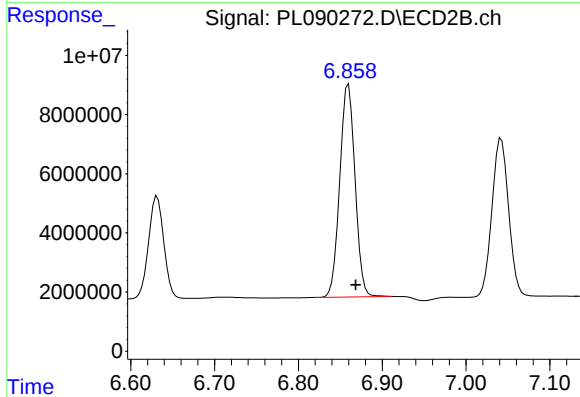
#21 Endrin ketone

R.T.: 7.646 min  
Delta R.T.: -0.005 min  
Response: 102244137  
Conc: 48.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

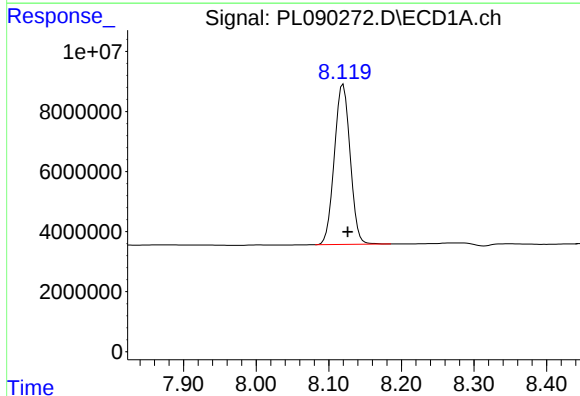
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/21/2024  
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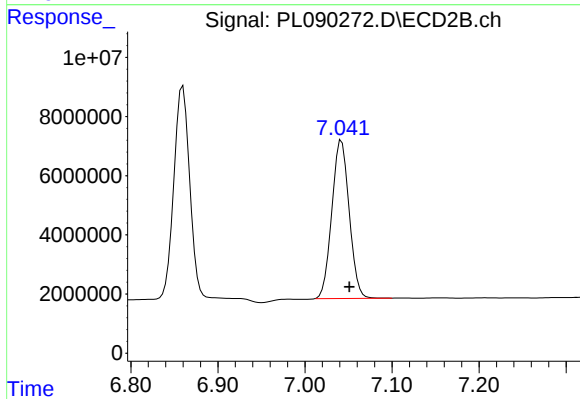
#21 Endrin ketone

R.T.: 6.860 min  
Delta R.T.: -0.009 min  
Response: 91175934  
Conc: 50.03 ng/ml



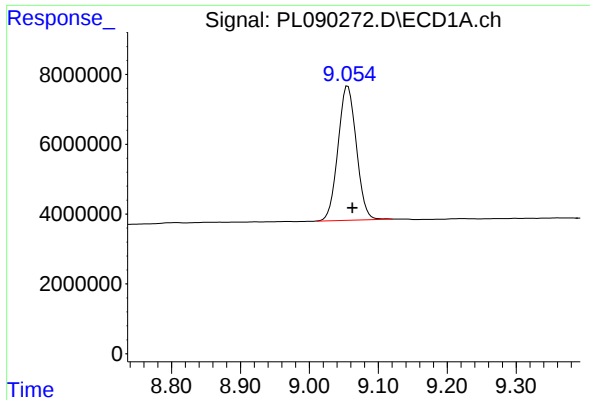
#22 Mirex

R.T.: 8.120 min  
Delta R.T.: -0.006 min  
Response: 80711052  
Conc: 48.52 ng/ml



#22 Mirex

R.T.: 7.042 min  
Delta R.T.: -0.009 min  
Response: 74108249  
Conc: 48.25 ng/ml



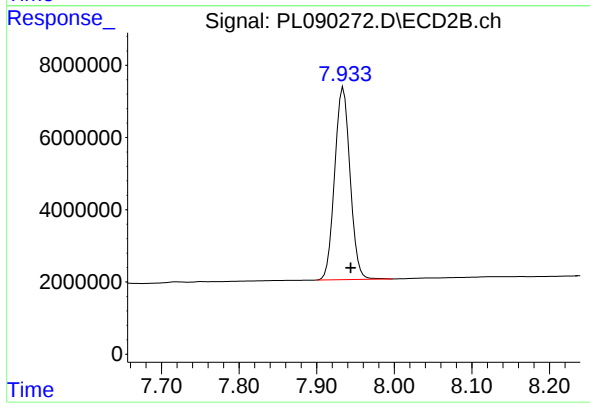
#28 Decachlorobiphenyl

R.T.: 9.056 min  
Delta R.T.: -0.007 min  
Response: 71175484  
Conc: 48.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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Supervised By :Ankita Jodhani 06/21/2024



#28 Decachlorobiphenyl

R.T.: 7.934 min  
Delta R.T.: -0.010 min  
Response: 73525721  
Conc: 49.48 ng/ml