

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121923\  
 Data File : PL087245.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Dec 2023 11:53  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 12/20/2023  
 Supervised By :Ankita Jodhani 12/20/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 19 23:46:22 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121523.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Dec 16 04:03:23 2023  
 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... | 3.428 | 2.680 | 213.9E6  | 88895148 | 56.832  | 52.810 |
| 28)                         | SA Decachlor... | 8.990 | 7.874 | 183.1E6  | 87469153 | 53.691  | 51.789 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.885 | 3.185 | 317.0E6  | 133.6E6  | 58.552  | 54.365 |
| 3)                          | MA gamma-BHC... | 4.219 | 3.516 | 297.6E6  | 127.8E6  | 56.625  | 52.773 |
| 4)                          | MA Heptachlor   | 4.812 | 3.859 | 298.9E6  | 126.4E6  | 56.110  | 52.888 |
| 5)                          | MB Aldrin       | 5.155 | 4.140 | 284.2E6  | 123.7E6  | 54.586  | 51.572 |
| 6)                          | B beta-BHC      | 4.418 | 3.818 | 120.3E6  | 51743850 | 52.360  | 49.706 |
| 7)                          | B delta-BHC     | 4.663 | 4.047 | 285.1E6  | 125.5E6  | 54.512m | 51.304 |
| 8)                          | B Heptachlo...  | 5.586 | 4.648 | 253.9E6  | 107.4E6  | 53.867  | 48.280 |
| 9)                          | A Endosulfan I  | 5.972 | 5.020 | 233.9E6  | 101.9E6  | 52.366  | 47.155 |
| 10)                         | B gamma-Chl...  | 5.844 | 4.902 | 255.0E6  | 111.9E6  | 52.598  | 48.920 |
| 11)                         | B alpha-Chl...  | 5.924 | 4.966 | 250.9E6  | 111.9E6  | 52.196  | 48.477 |
| 12)                         | B 4,4'-DDE      | 6.105 | 5.164 | 210.1E6  | 94865697 | 50.693  | 47.779 |
| 13)                         | MA Dieldrin     | 6.250 | 5.287 | 243.8E6  | 109.1E6  | 52.536  | 48.966 |
| 14)                         | MA Endrin       | 6.481 | 5.563 | 201.8E6  | 98214328 | 52.447  | 49.214 |
| 15)                         | B Endosulfa...  | 6.701 | 5.861 | 201.4E6  | 92399548 | 50.218  | 47.457 |
| 16)                         | A 4,4'-DDD      | 6.626 | 5.723 | 167.0E6  | 78745097 | 50.536  | 47.559 |
| 17)                         | MA 4,4'-DDT     | 6.942 | 5.976 | 188.1E6  | 87877254 | 50.013  | 47.647 |
| 18)                         | B Endrin al...  | 6.833 | 6.043 | 146.1E6  | 72424078 | 50.416  | 49.348 |
| 19)                         | B Endosulfa...  | 7.070 | 6.268 | 195.7E6  | 90266566 | 49.830  | 47.917 |
| 20)                         | A Methoxychlor  | 7.427 | 6.563 | 96903628 | 48298233 | 49.696  | 47.287 |
| 21)                         | B Endrin ke...  | 7.556 | 6.774 | 206.3E6  | 102.8E6  | 50.706  | 48.305 |
| 22)                         | Mirex           | 8.033 | 6.956 | 169.6E6  | 85384694 | 50.360  | 47.993 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL121923\  
 Data File : PL087245.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Dec 2023 11:53  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

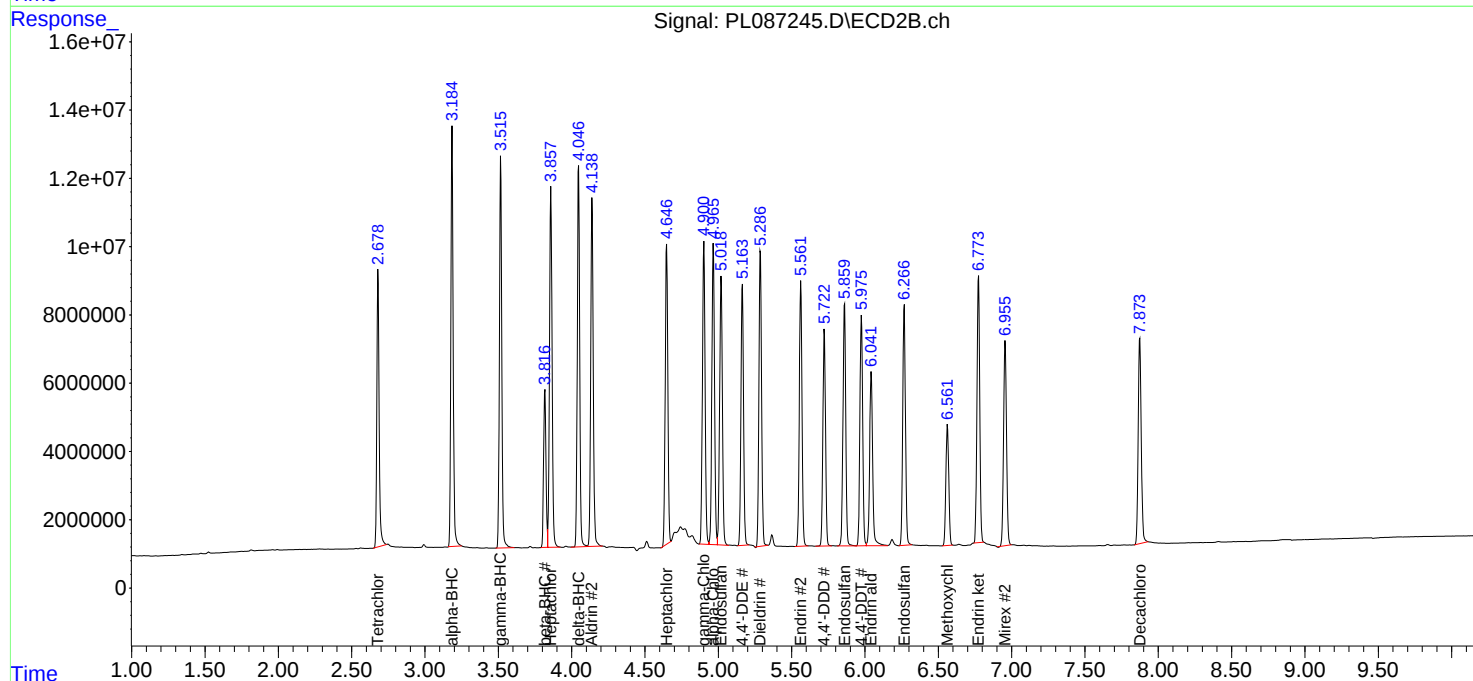
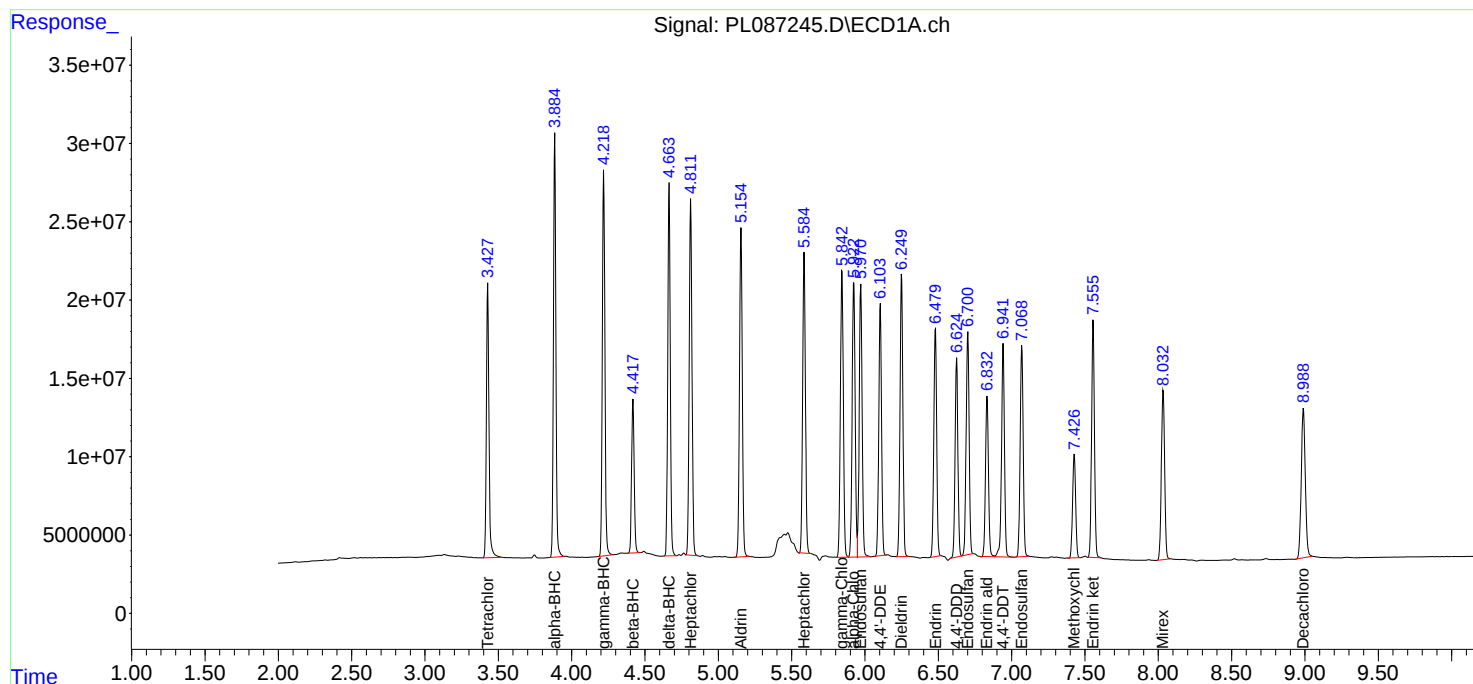
## APPROVED

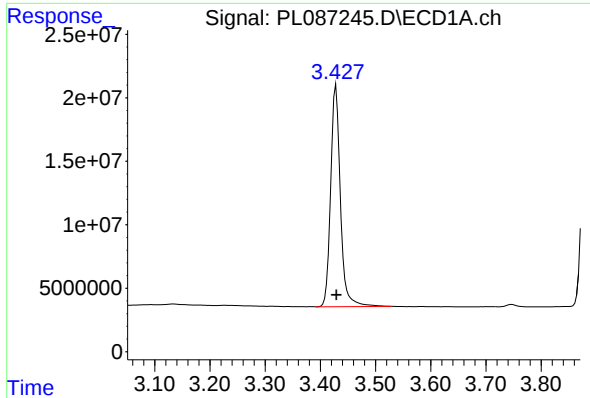
Reviewed By :Abdul Mirza 12/20/2023

Supervised By :Ankita Jodhani 12/20/2023

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Dec 19 23:46:22 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL121523.M  
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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.: 3.428 min  
Delta R.T.: 0.000 min  
Response: 213884557  
Conc: 56.83 ng/ml

Instrument :

ECD\_L

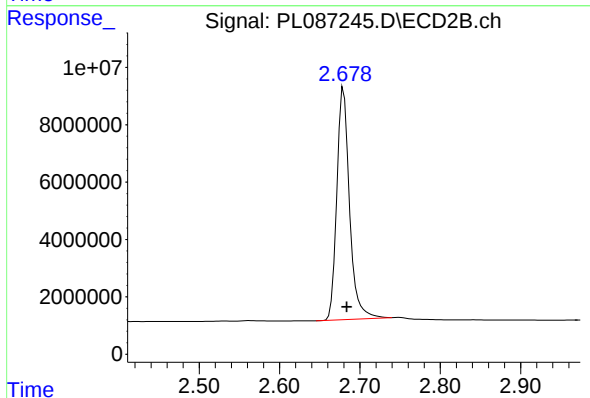
ClientSampleId :

PSTDCCC050

Manual Integrations

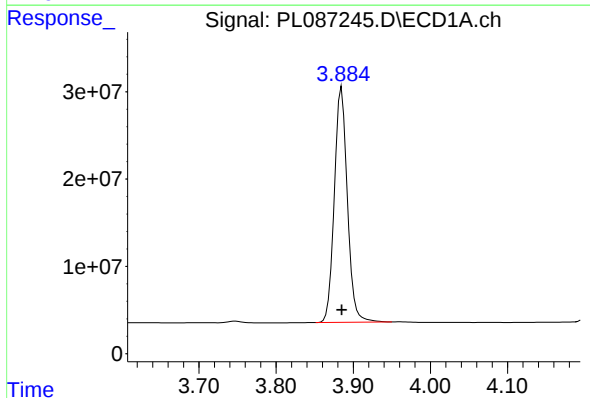
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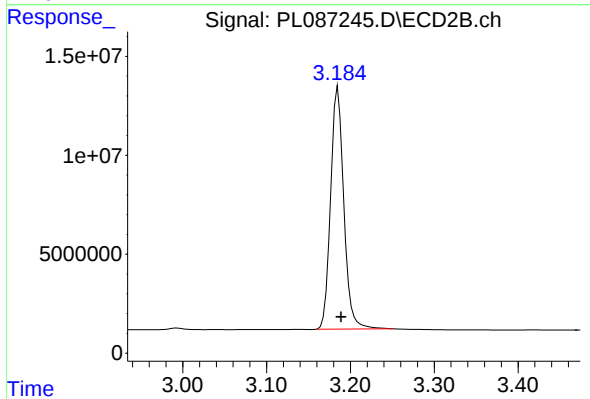
#1 Tetrachloro-m-xylene

R.T.: 2.680 min  
Delta R.T.: -0.004 min  
Response: 88895148  
Conc: 52.81 ng/ml



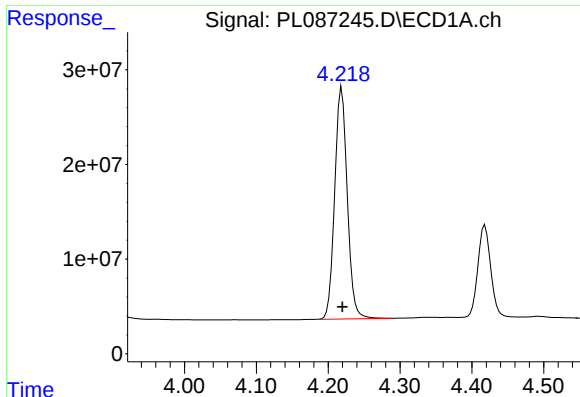
#2 alpha-BHC

R.T.: 3.885 min  
Delta R.T.: 0.000 min  
Response: 317010507  
Conc: 58.55 ng/ml



#2 alpha-BHC

R.T.: 3.185 min  
Delta R.T.: -0.004 min  
Response: 133606877  
Conc: 54.36 ng/ml



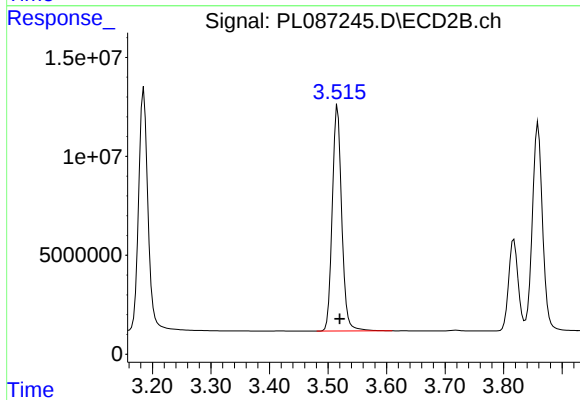
#3 gamma-BHC (Lindane)

R.T.: 4.219 min  
Delta R.T.: 0.000 min  
Response: 297603758  
Conc: 56.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

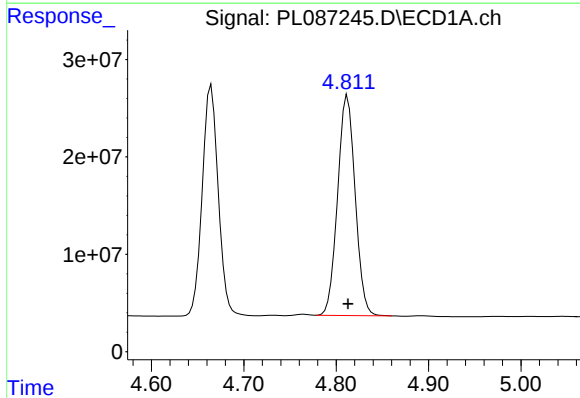
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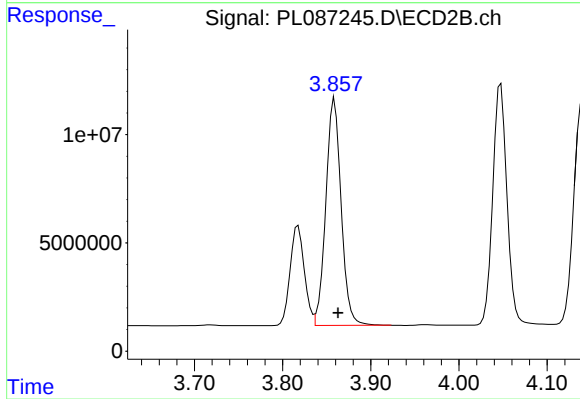
#3 gamma-BHC (Lindane)

R.T.: 3.516 min  
Delta R.T.: -0.004 min  
Response: 127837285  
Conc: 52.77 ng/ml



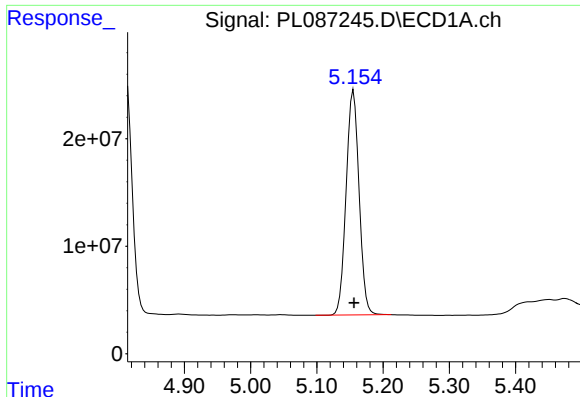
#4 Heptachlor

R.T.: 4.812 min  
Delta R.T.: 0.000 min  
Response: 298875688  
Conc: 56.11 ng/ml



#4 Heptachlor

R.T.: 3.859 min  
Delta R.T.: -0.004 min  
Response: 126418340  
Conc: 52.89 ng/ml



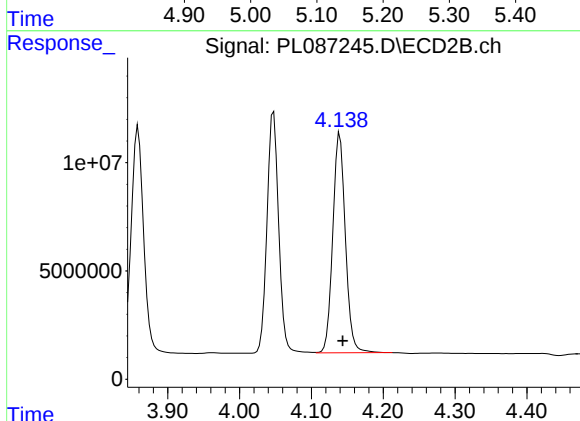
#5 Aldrin

R.T.: 5.155 min  
Delta R.T.: 0.000 min  
Response: 284194658  
Conc: 54.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

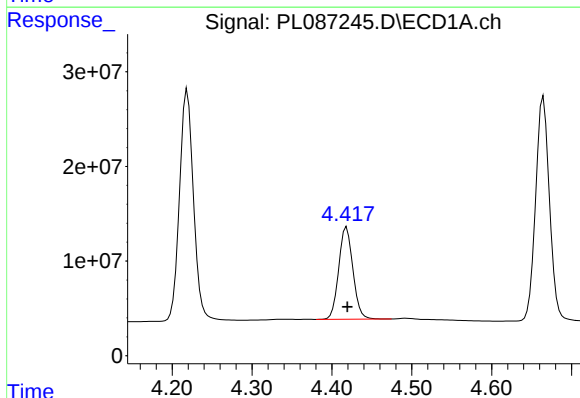
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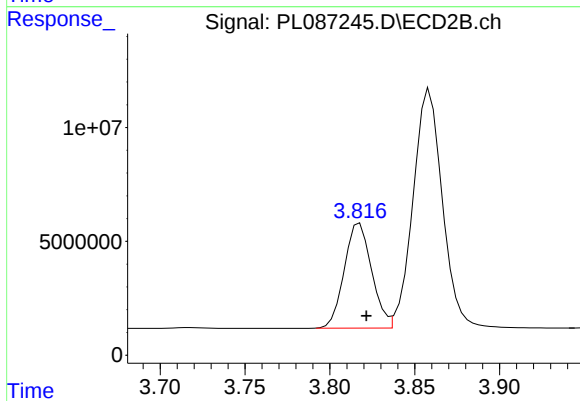
#5 Aldrin

R.T.: 4.140 min  
Delta R.T.: -0.004 min  
Response: 123655909  
Conc: 51.57 ng/ml



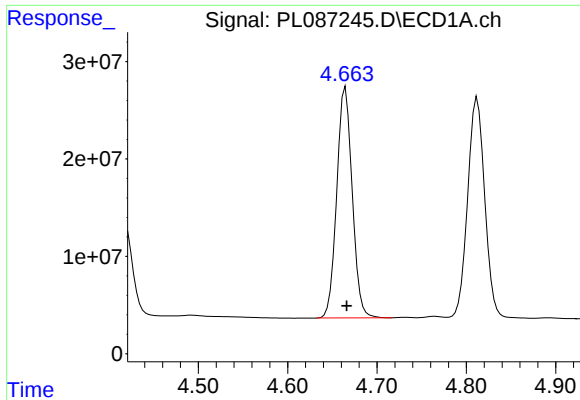
#6 beta-BHC

R.T.: 4.418 min  
Delta R.T.: -0.001 min  
Response: 120260808  
Conc: 52.36 ng/ml



#6 beta-BHC

R.T.: 3.818 min  
Delta R.T.: -0.004 min  
Response: 51743850  
Conc: 49.71 ng/ml



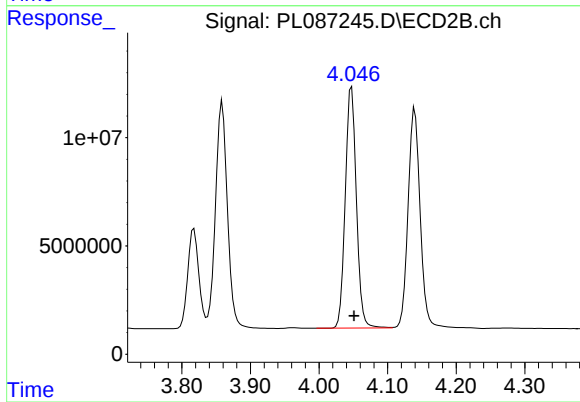
#7 delta-BHC

R.T.: 4.663 min  
Delta R.T.: -0.003 min  
Response: 285063148  
Conc: 54.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

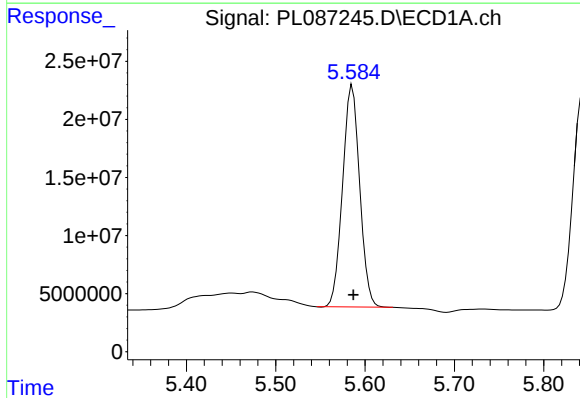
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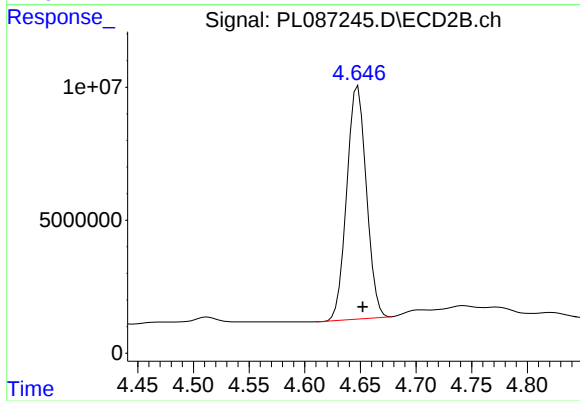
#7 delta-BHC

R.T.: 4.047 min  
Delta R.T.: -0.004 min  
Response: 125499622  
Conc: 51.30 ng/ml



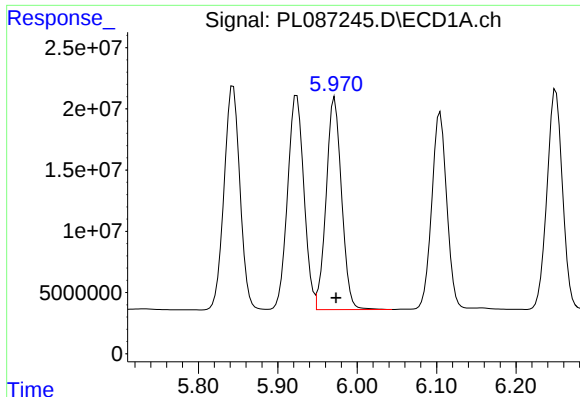
#8 Heptachlor epoxide

R.T.: 5.586 min  
Delta R.T.: -0.001 min  
Response: 253863074  
Conc: 53.87 ng/ml



#8 Heptachlor epoxide

R.T.: 4.648 min  
Delta R.T.: -0.004 min  
Response: 107438063  
Conc: 48.28 ng/ml



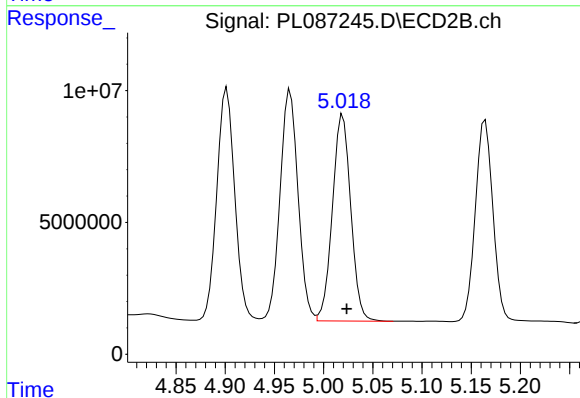
#9 Endosulfan I

R.T.: 5.972 min  
Delta R.T.: -0.002 min  
Response: 233883082  
Conc: 52.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

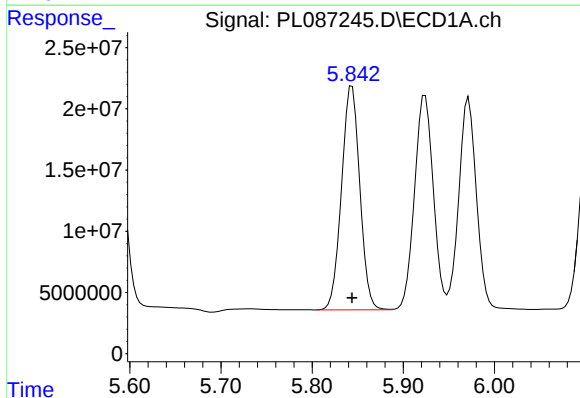
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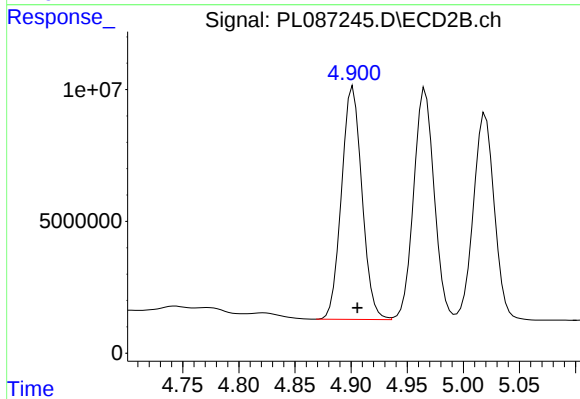
#9 Endosulfan I

R.T.: 5.020 min  
Delta R.T.: -0.004 min  
Response: 101909755  
Conc: 47.15 ng/ml



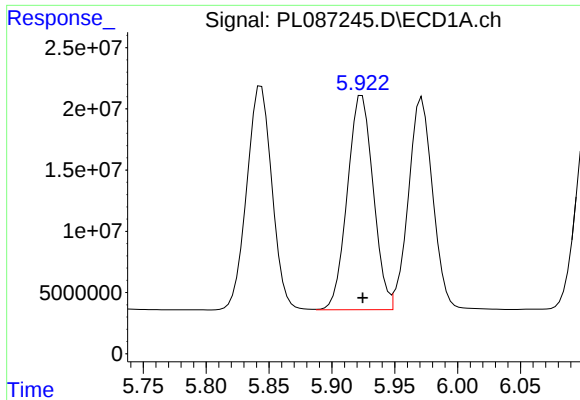
#10 gamma-Chlordane

R.T.: 5.844 min  
Delta R.T.: 0.000 min  
Response: 254996902  
Conc: 52.60 ng/ml



#10 gamma-Chlordane

R.T.: 4.902 min  
Delta R.T.: -0.004 min  
Response: 111896459  
Conc: 48.92 ng/ml



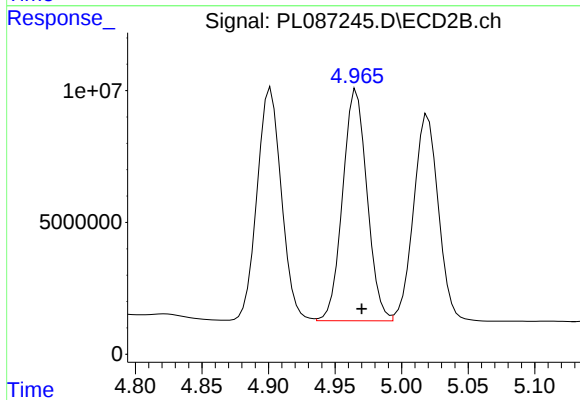
#11 alpha-Chlordane

R.T.: 5.924 min  
Delta R.T.: 0.000 min  
Response: 250859665  
Conc: 52.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

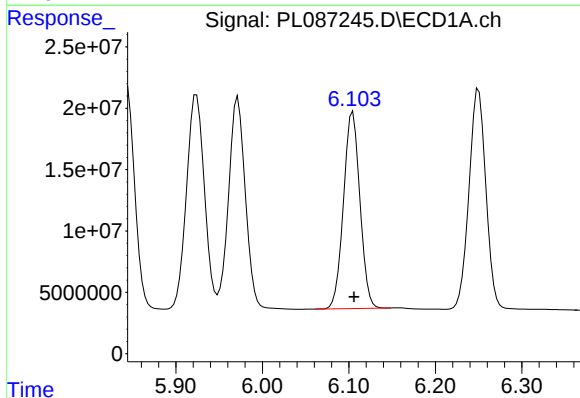
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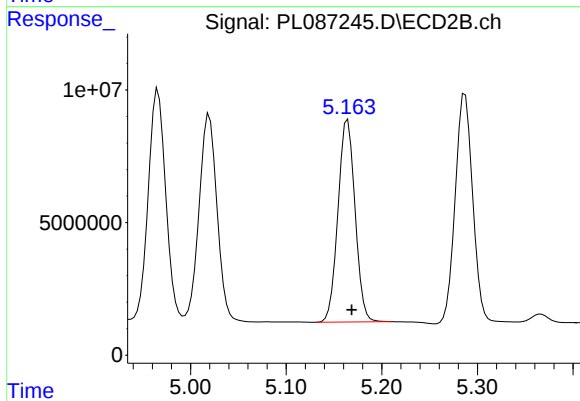
#11 alpha-Chlordane

R.T.: 4.966 min  
Delta R.T.: -0.004 min  
Response: 111885979  
Conc: 48.48 ng/ml



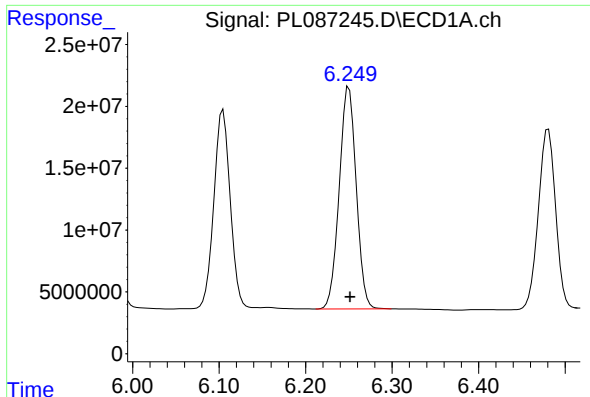
#12 4,4'-DDE

R.T.: 6.105 min  
Delta R.T.: -0.001 min  
Response: 210072003  
Conc: 50.69 ng/ml



#12 4,4'-DDE

R.T.: 5.164 min  
Delta R.T.: -0.004 min  
Response: 94865697  
Conc: 47.78 ng/ml



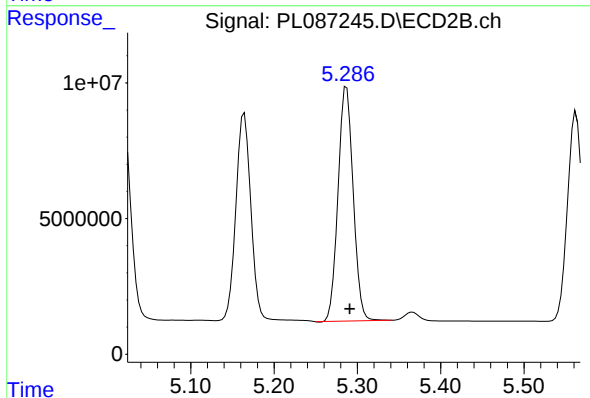
#13 Dieldrin

R.T.: 6.250 min  
Delta R.T.: -0.001 min  
Response: 243812463  
Conc: 52.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

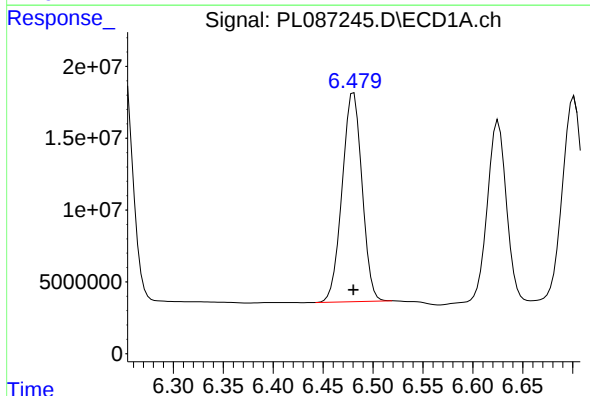
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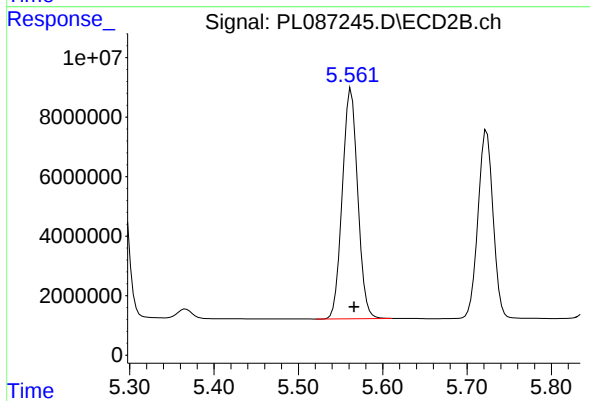
#13 Dieldrin

R.T.: 5.287 min  
Delta R.T.: -0.004 min  
Response: 109085229  
Conc: 48.97 ng/ml



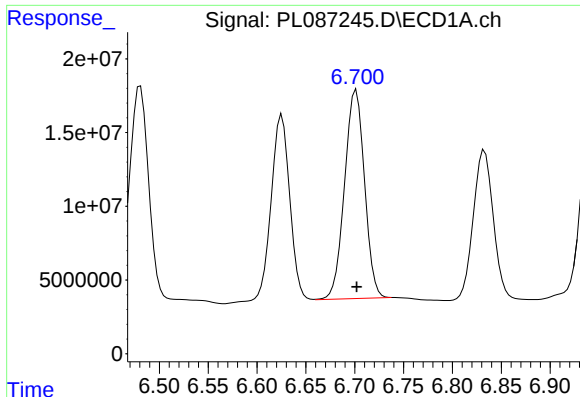
#14 Endrin

R.T.: 6.481 min  
Delta R.T.: 0.000 min  
Response: 201784043  
Conc: 52.45 ng/ml



#14 Endrin

R.T.: 5.563 min  
Delta R.T.: -0.004 min  
Response: 98214328  
Conc: 49.21 ng/ml



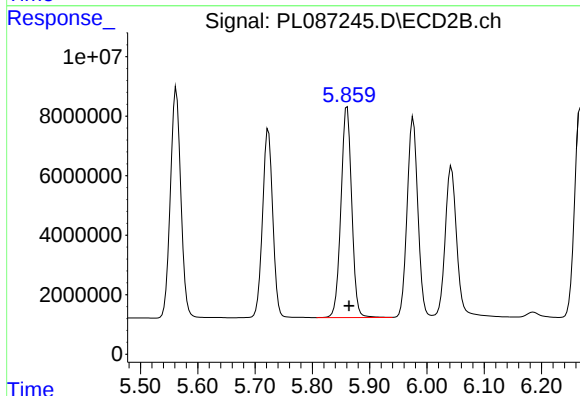
#15 Endosulfan II

R.T.: 6.701 min  
Delta R.T.: 0.000 min  
Response: 201394380  
Conc: 50.22 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

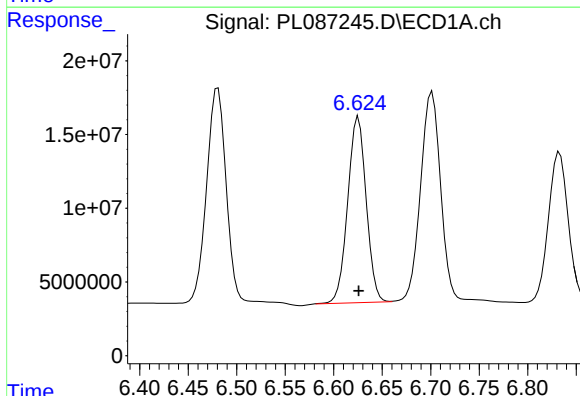
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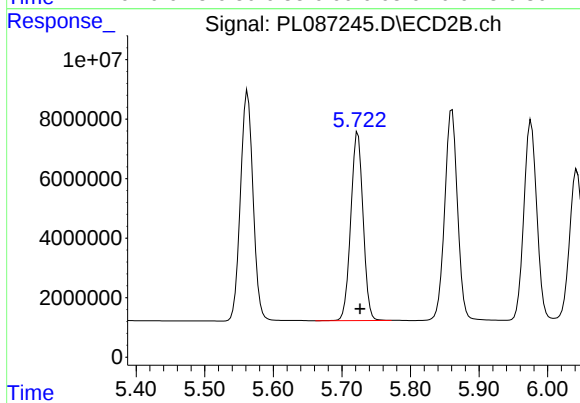
#15 Endosulfan II

R.T.: 5.861 min  
Delta R.T.: -0.003 min  
Response: 92399548  
Conc: 47.46 ng/ml



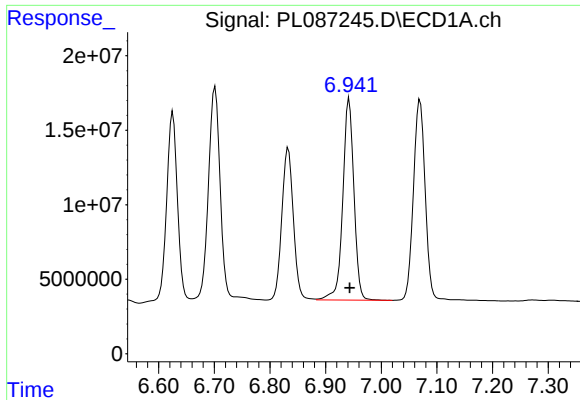
#16 4,4'-DDD

R.T.: 6.626 min  
Delta R.T.: 0.000 min  
Response: 167027427  
Conc: 50.54 ng/ml



#16 4,4'-DDD

R.T.: 5.723 min  
Delta R.T.: -0.003 min  
Response: 78745097  
Conc: 47.56 ng/ml



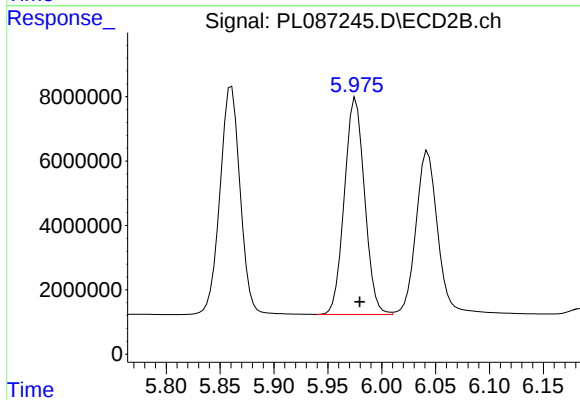
#17 4,4'-DDT

R.T.: 6.942 min  
Delta R.T.: -0.001 min  
Response: 188059977  
Conc: 50.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

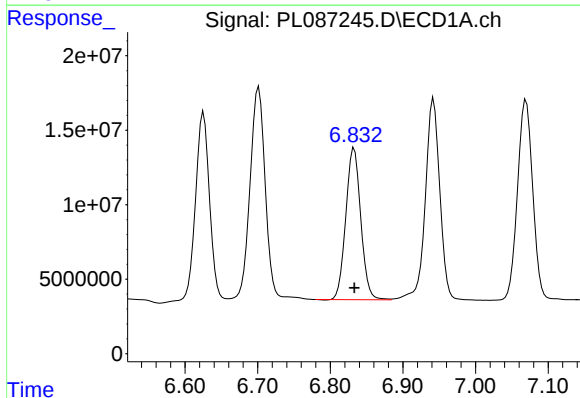
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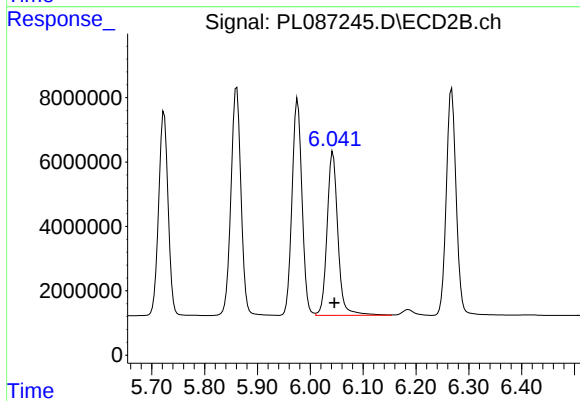
#17 4,4'-DDT

R.T.: 5.976 min  
Delta R.T.: -0.004 min  
Response: 87877254  
Conc: 47.65 ng/ml



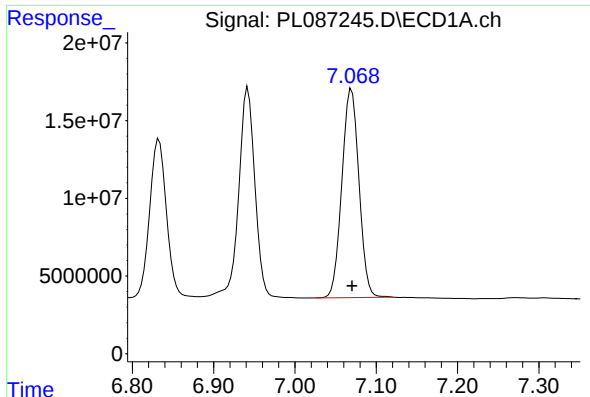
#18 Endrin aldehyde

R.T.: 6.833 min  
Delta R.T.: 0.000 min  
Response: 146123690  
Conc: 50.42 ng/ml



#18 Endrin aldehyde

R.T.: 6.043 min  
Delta R.T.: -0.003 min  
Response: 72424078  
Conc: 49.35 ng/ml



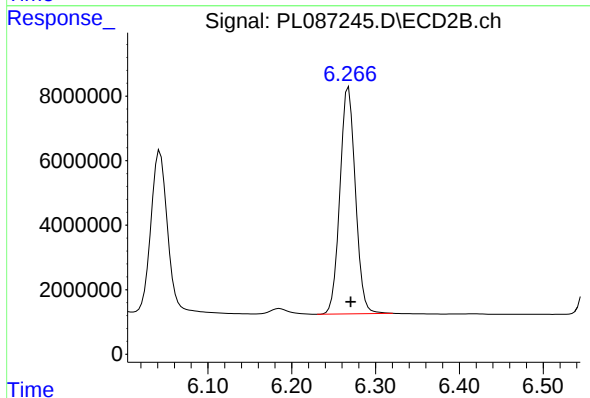
#19 Endosulfan Sulfate

R.T.: 7.070 min  
Delta R.T.: 0.000 min  
Response: 195673262  
Conc: 49.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

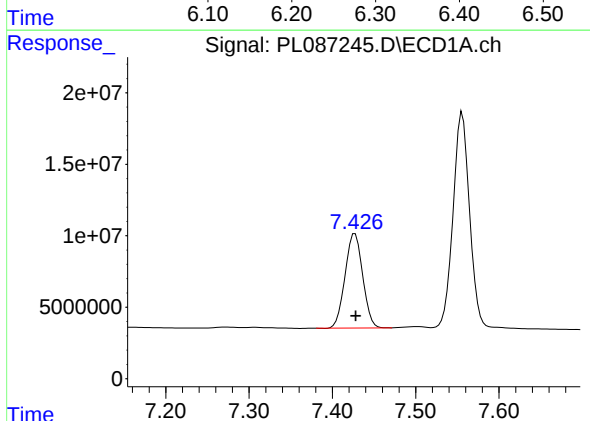
Manual Integrations  
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Reviewed By :Abdul Mirza 12/20/2023  
Supervised By :Ankita Jodhani 12/20/2023



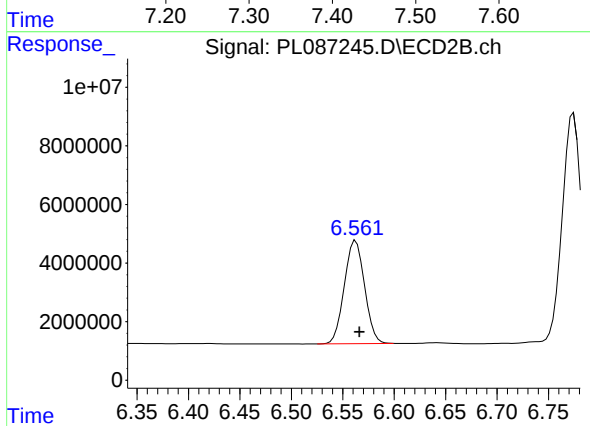
#19 Endosulfan Sulfate

R.T.: 6.268 min  
Delta R.T.: -0.003 min  
Response: 90266566  
Conc: 47.92 ng/ml



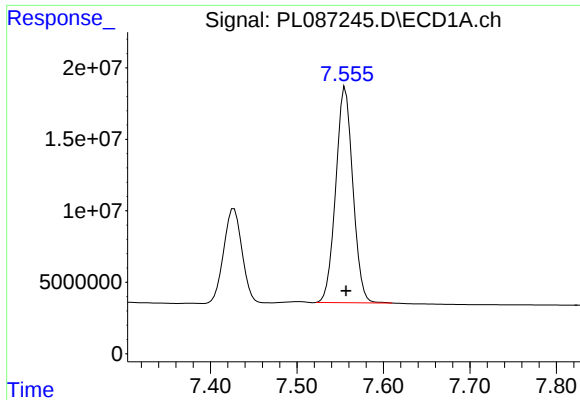
#20 Methoxychlor

R.T.: 7.427 min  
Delta R.T.: 0.000 min  
Response: 96903628  
Conc: 49.70 ng/ml



#20 Methoxychlor

R.T.: 6.563 min  
Delta R.T.: -0.003 min  
Response: 48298233  
Conc: 47.29 ng/ml



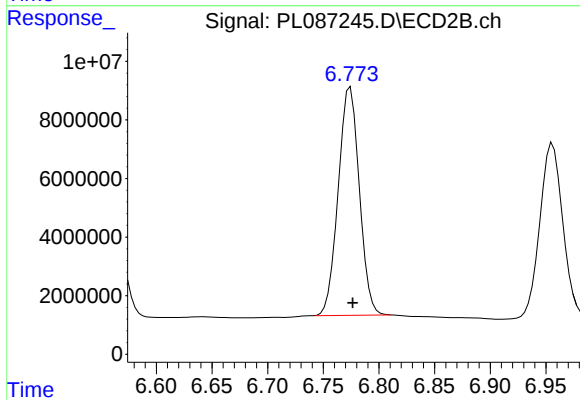
#21 Endrin ketone

R.T.: 7.556 min  
Delta R.T.: 0.000 min  
Response: 206286357  
Conc: 50.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

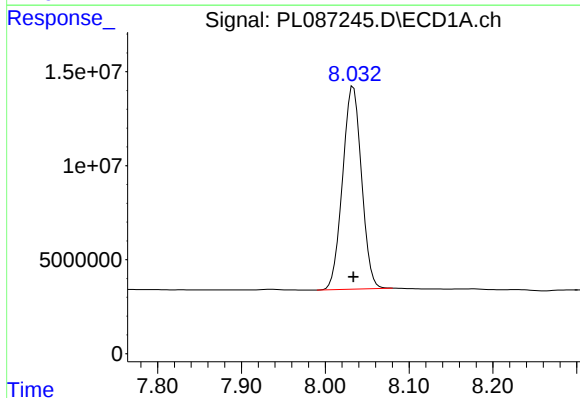
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/20/2023  
Supervised By :Ankita Jodhani 12/20/2023



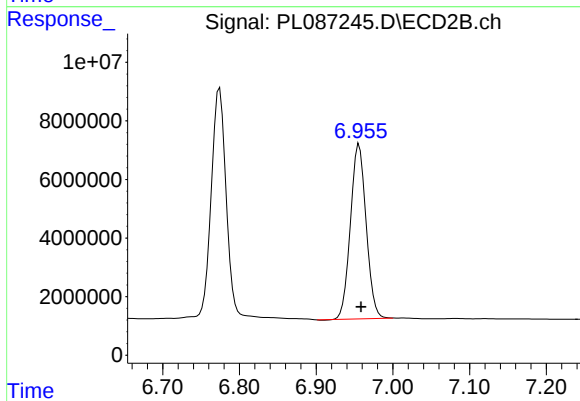
#21 Endrin ketone

R.T.: 6.774 min  
Delta R.T.: -0.002 min  
Response: 102827528  
Conc: 48.31 ng/ml



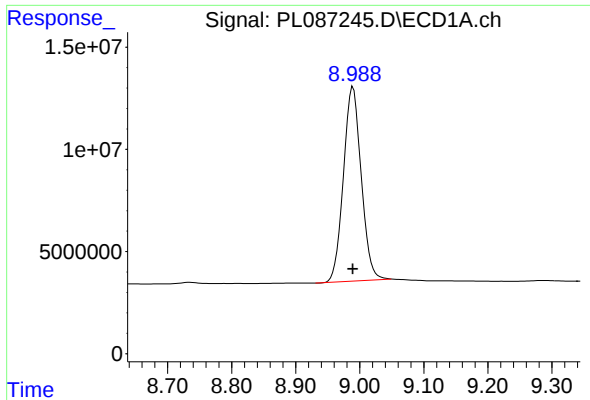
#22 Mirex

R.T.: 8.033 min  
Delta R.T.: 0.000 min  
Response: 169613514  
Conc: 50.36 ng/ml



#22 Mirex

R.T.: 6.956 min  
Delta R.T.: -0.002 min  
Response: 85384694  
Conc: 47.99 ng/ml



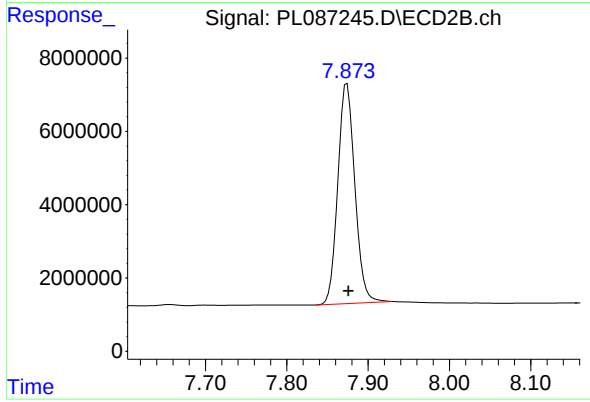
#28 Decachlorobiphenyl

R.T.: 8.990 min  
Delta R.T.: 0.000 min  
Response: 183081736  
Conc: 53.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 12/20/2023  
Supervised By :Ankita Jodhani 12/20/2023



#28 Decachlorobiphenyl

R.T.: 7.874 min  
Delta R.T.: -0.002 min  
Response: 87469153  
Conc: 51.79 ng/ml