

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011822\  
 Data File : PL072072.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Jan 2022 19:17  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 01/19/2022  
 Supervised By :Ankita Jodhani 01/19/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 19 04:26:10 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011722.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 18 10:53:59 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... | 4.556  | 5.492  | 28607542 | 84196401 | 51.528  | 51.841  |
| 28)                         | SA Decachlor... | 10.319 | 11.386 | 38578996 | 80486170 | 43.424  | 49.883  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 5.263  | 6.074  | 39880882 | 125.5E6  | 51.578  | 52.028  |
| 3)                          | MA gamma-BHC... | 5.686  | 6.470  | 38865731 | 115.2E6  | 51.544  | 51.205  |
| 4)                          | MA Heptachlor   | 6.092  | 7.116  | 43340166 | 114.7E6  | 50.238  | 49.465  |
| 5)                          | MB Aldrin       | 6.416  | 7.485  | 39824597 | 108.8E6  | 50.434  | 49.184  |
| 6)                          | B beta-BHC      | 6.071  | 6.729  | 16779879 | 50316555 | 50.762  | 50.819  |
| 7)                          | B delta-BHC     | 6.329  | 6.995  | 40700159 | 116.1E6  | 51.380  | 47.183  |
| 8)                          | B Heptachlo...  | 6.994  | 7.952  | 37887560 | 99891011 | 49.771  | 49.888m |
| 9)                          | A Endosulfan I  | 7.396  | 8.357  | 35293528 | 87435161 | 49.660  | 48.305m |
| 10)                         | B gamma-Chl...  | 7.270  | 8.222  | 38788988 | 96768740 | 49.367  | 47.886m |
| 11)                         | B alpha-Chl...  | 7.340  | 8.302  | 38731795 | 94959938 | 49.372  | 47.892m |
| 12)                         | B 4,4'-DDE      | 7.555  | 8.494  | 35904994 | 88034851 | 49.731  | 46.549  |
| 13)                         | MA Dieldrin     | 7.681  | 8.648  | 37969749 | 87029873 | 50.117m | 44.299  |
| 14)                         | MA Endrin       | 7.973  | 8.887  | 35897786 | 81136484 | 51.234  | 48.936  |
| 15)                         | B Endosulfa...  | 8.286  | 9.124  | 34044635 | 75922115 | 45.788  | 44.272  |
| 16)                         | A 4,4'-DDD      | 8.142  | 9.035  | 28839477 | 67126261 | 49.195  | 46.948  |
| 17)                         | MA 4,4'-DDT     | 8.402  | 9.352  | 31912917 | 74389092 | 48.057  | 47.066  |
| 18)                         | B Endrin al...  | 8.475  | 9.259  | 26920726 | 56933902 | 47.250  | 45.864  |
| 19)                         | B Endosulfa...  | 8.706  | 9.496  | 34240195 | 70718672 | 46.701  | 45.299  |
| 20)                         | A Methoxychlor  | 8.998  | 9.839  | 19417669 | 36152454 | 46.025  | 43.644  |
| 21)                         | B Endrin ke...  | 9.222  | 9.993  | 40263685 | 74456252 | 48.353m | 44.989  |
| 22)                         | Mirex           | 9.405  | 10.456 | 33072554 | 54492960 | 44.784  | 43.672  |
| -----                       |                 |        |        |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011822\  
 Data File : PL072072.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Jan 2022 19:17  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

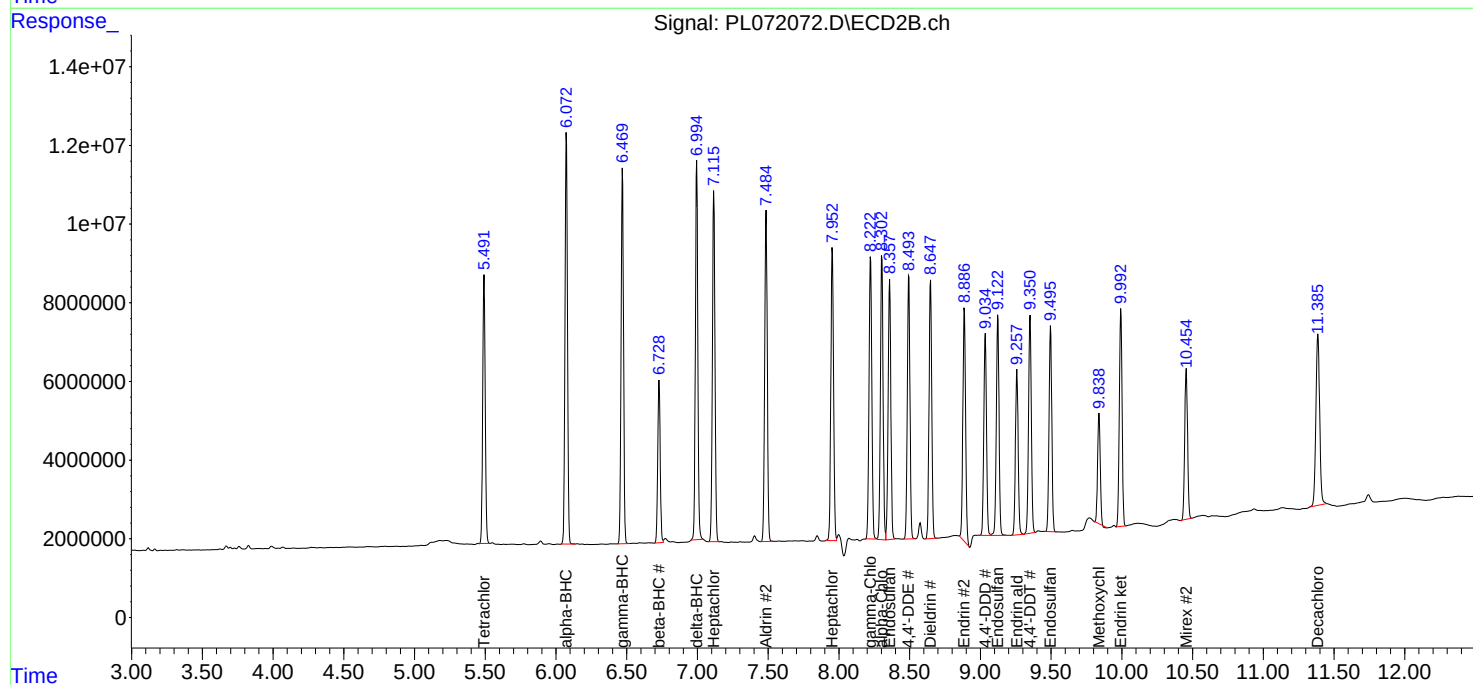
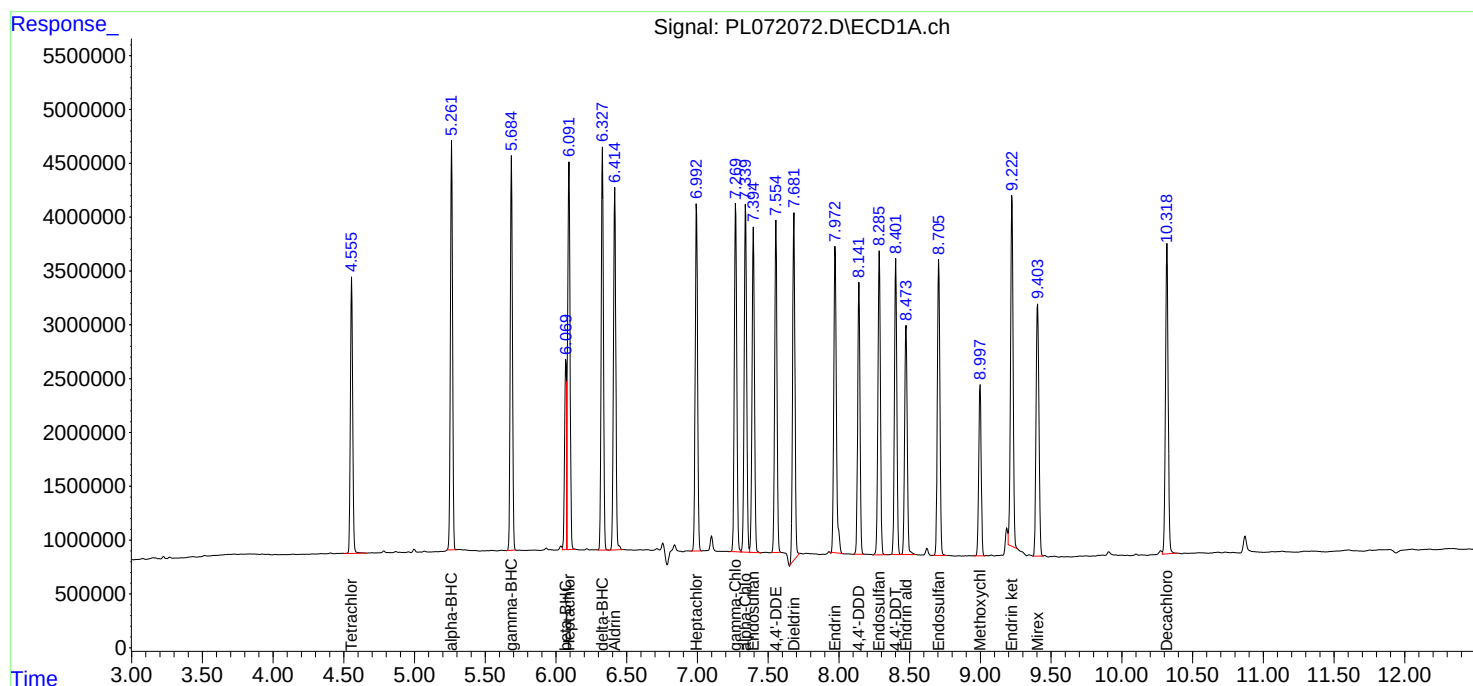
Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

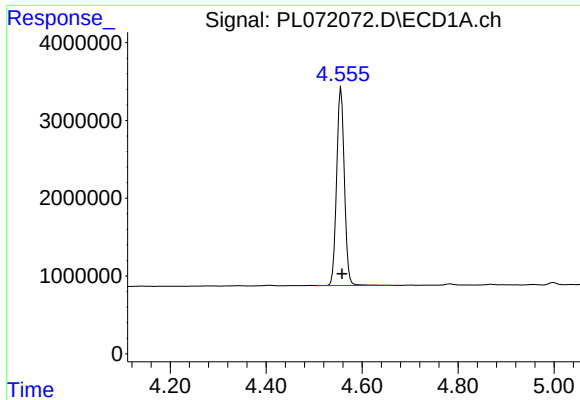
### Manual Integrations APPROVED

Reviewed By : Abdul Mirza 01/19/2022  
 Supervised By : Ankita Jodhani 01/19/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 19 04:26:10 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011722.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





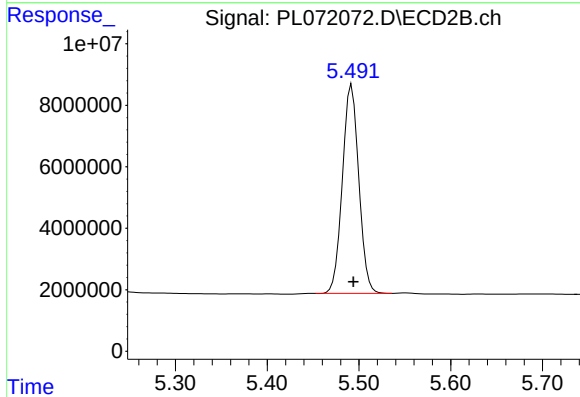
#1 Tetrachloro-m-xylene

R.T.: 4.556 min  
Delta R.T.: -0.002 min  
Response: 28607542  
Conc: 51.53 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

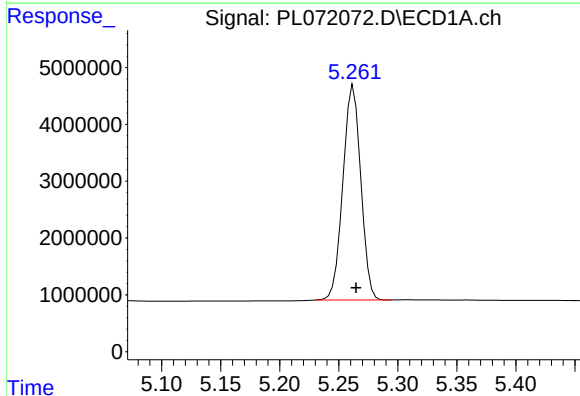
Manual Integrations  
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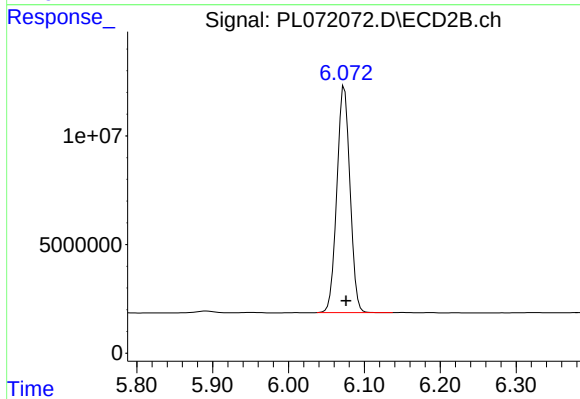
#1 Tetrachloro-m-xylene

R.T.: 5.492 min  
Delta R.T.: -0.002 min  
Response: 84196401  
Conc: 51.84 ng/ml



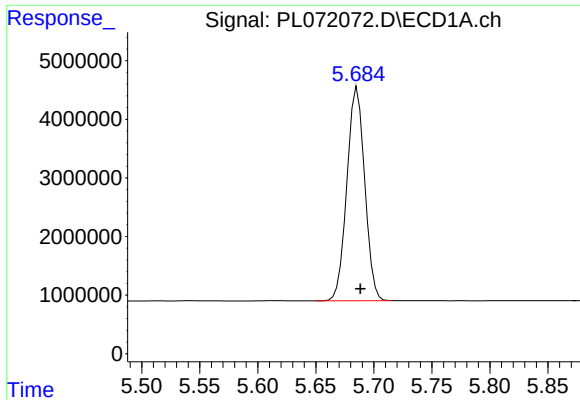
#2 alpha-BHC

R.T.: 5.263 min  
Delta R.T.: -0.002 min  
Response: 39880882  
Conc: 51.58 ng/ml



#2 alpha-BHC

R.T.: 6.074 min  
Delta R.T.: -0.002 min  
Response: 125537269  
Conc: 52.03 ng/ml



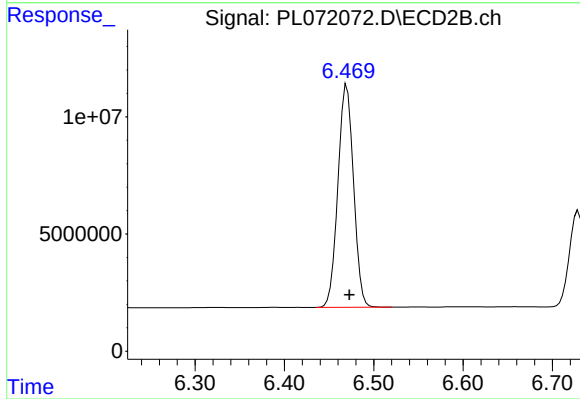
#3 gamma-BHC (Lindane)

R.T.: 5.686 min  
Delta R.T.: -0.002 min  
Response: 38865731  
Conc: 51.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

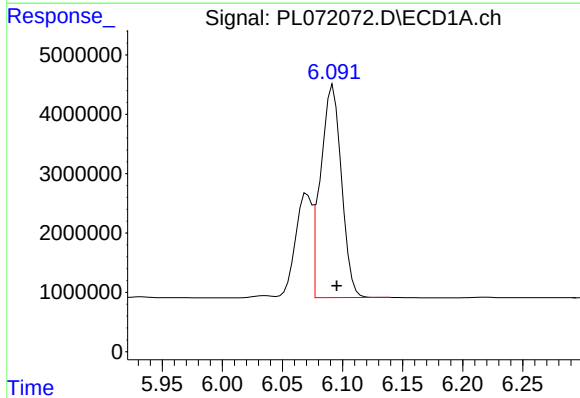
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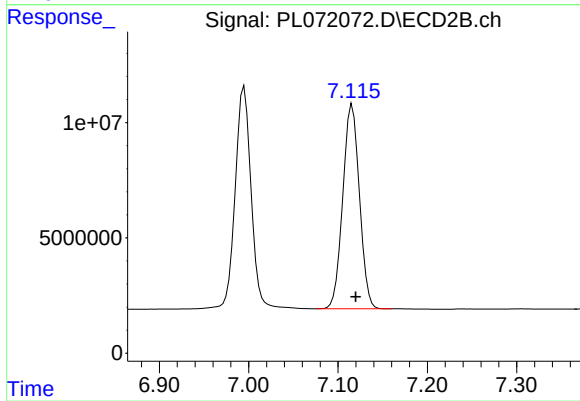
#3 gamma-BHC (Lindane)

R.T.: 6.470 min  
Delta R.T.: -0.003 min  
Response: 115227413  
Conc: 51.20 ng/ml



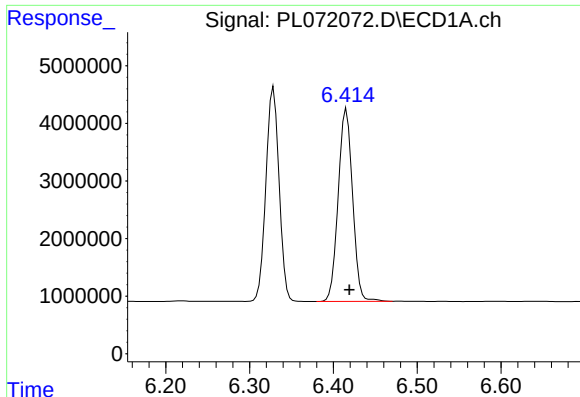
#4 Heptachlor

R.T.: 6.092 min  
Delta R.T.: -0.003 min  
Response: 43340166  
Conc: 50.24 ng/ml



#4 Heptachlor

R.T.: 7.116 min  
Delta R.T.: -0.004 min  
Response: 114684411  
Conc: 49.47 ng/ml



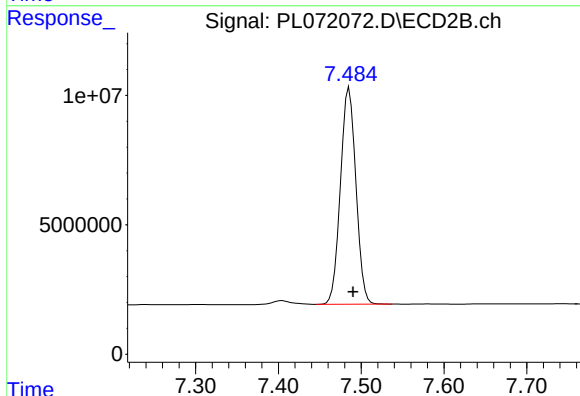
#5 Aldrin

R.T.: 6.416 min  
Delta R.T.: -0.004 min  
Response: 39824597  
Conc: 50.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

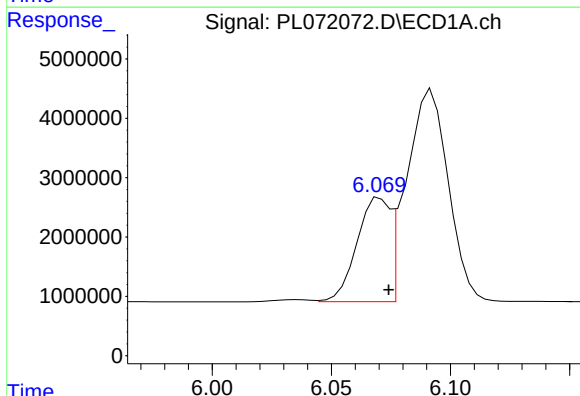
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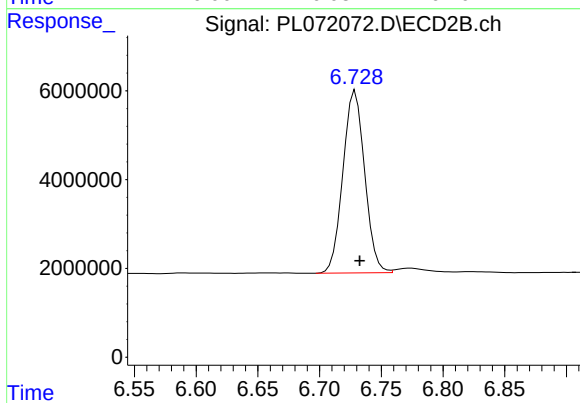
#5 Aldrin

R.T.: 7.485 min  
Delta R.T.: -0.005 min  
Response: 108756006  
Conc: 49.18 ng/ml



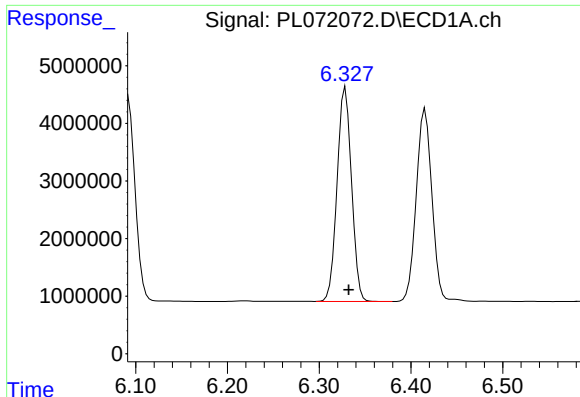
#6 beta-BHC

R.T.: 6.071 min  
Delta R.T.: -0.003 min  
Response: 16779879  
Conc: 50.76 ng/ml



#6 beta-BHC

R.T.: 6.729 min  
Delta R.T.: -0.003 min  
Response: 50316555  
Conc: 50.82 ng/ml



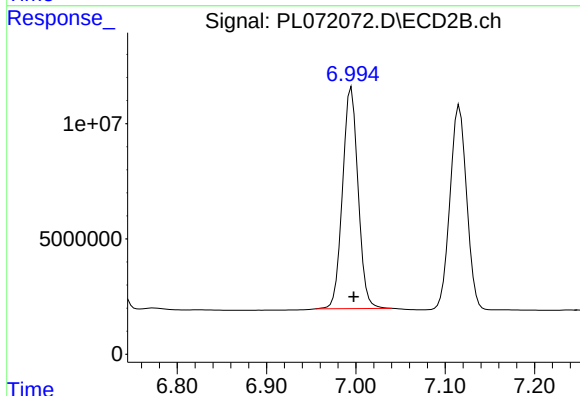
#7 delta-BHC

R.T.: 6.329 min  
Delta R.T.: -0.003 min  
Response: 40700159  
Conc: 51.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

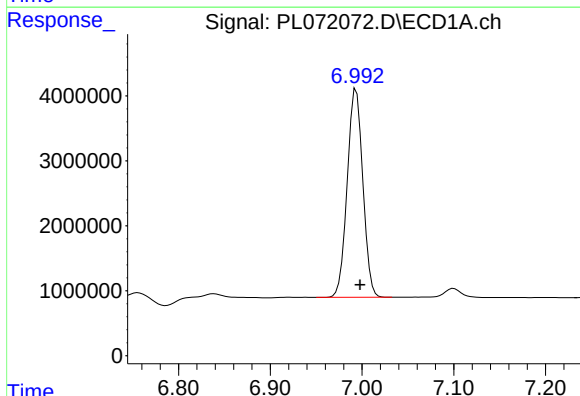
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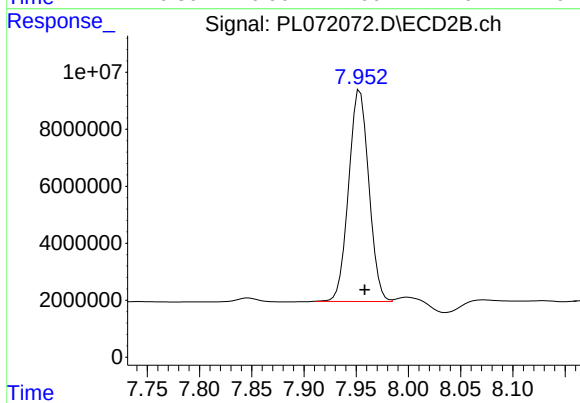
#7 delta-BHC

R.T.: 6.995 min  
Delta R.T.: -0.003 min  
Response: 116084711  
Conc: 47.18 ng/ml



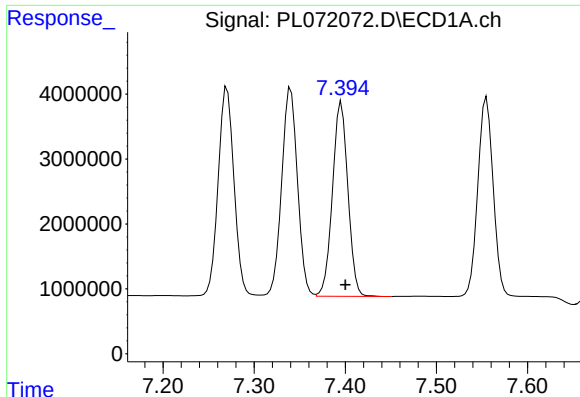
#8 Heptachlor epoxide

R.T.: 6.994 min  
Delta R.T.: -0.004 min  
Response: 37887560  
Conc: 49.77 ng/ml



#8 Heptachlor epoxide

R.T.: 7.952 min  
Delta R.T.: -0.006 min  
Response: 99891011  
Conc: 49.89 ng/ml m



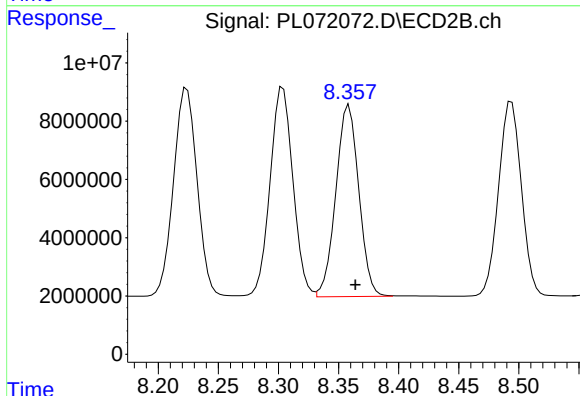
#9 Endosulfan I

R.T.: 7.396 min  
Delta R.T.: -0.004 min  
Response: 35293528  
Conc: 49.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

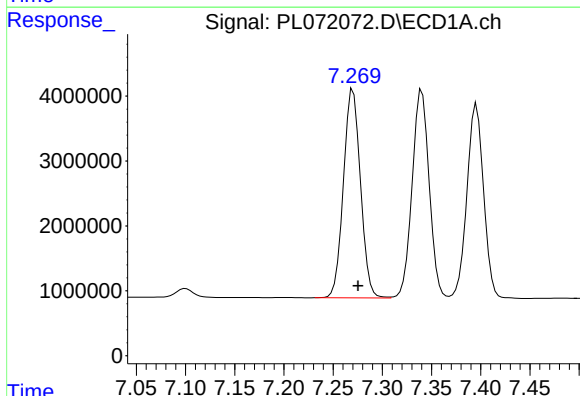
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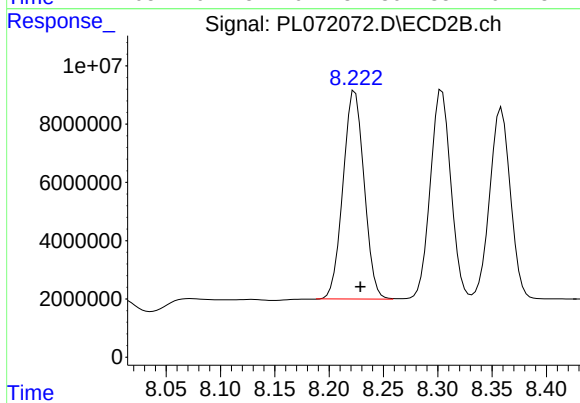
#9 Endosulfan I

R.T.: 8.357 min  
Delta R.T.: -0.007 min  
Response: 87435161  
Conc: 48.30 ng/ml m



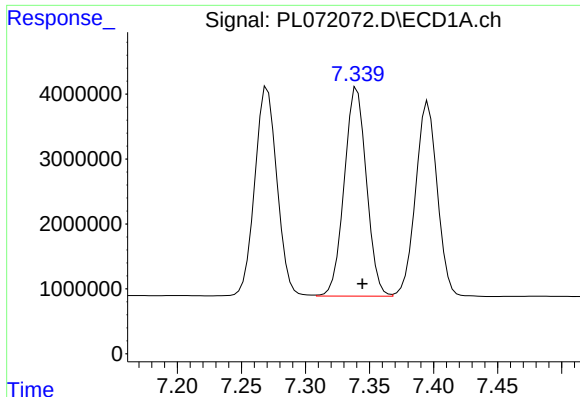
#10 gamma-Chlordane

R.T.: 7.270 min  
Delta R.T.: -0.005 min  
Response: 38788988  
Conc: 49.37 ng/ml



#10 gamma-Chlordane

R.T.: 8.222 min  
Delta R.T.: -0.006 min  
Response: 96768740  
Conc: 47.89 ng/ml m



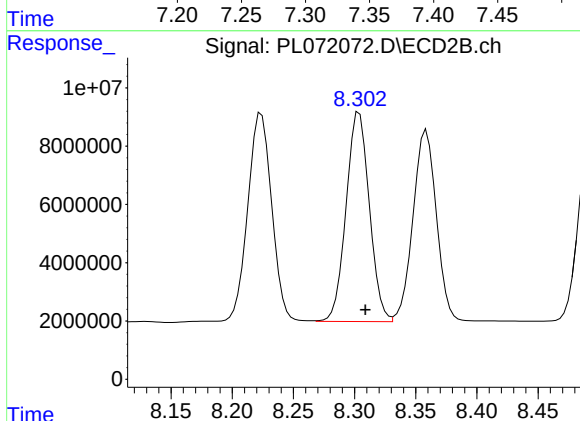
#11 alpha-Chlordane

R.T.: 7.340 min  
Delta R.T.: -0.004 min  
Response: 38731795  
Conc: 49.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

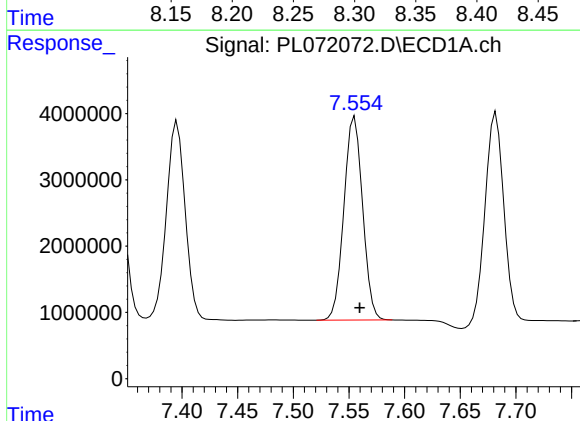
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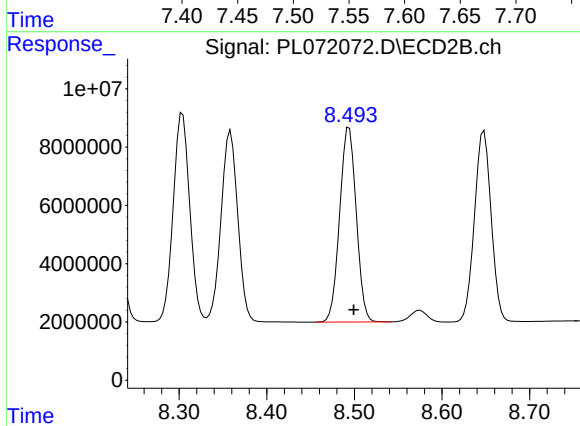
#11 alpha-Chlordane

R.T.: 8.302 min  
Delta R.T.: -0.006 min  
Response: 94959938  
Conc: 47.89 ng/ml m



#12 4,4'-DDE

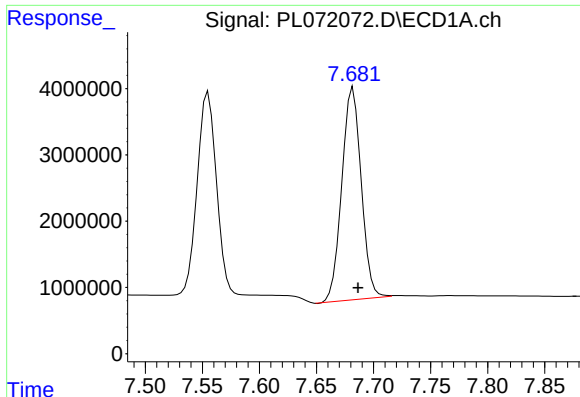
R.T.: 7.555 min  
Delta R.T.: -0.005 min  
Response: 35904994  
Conc: 49.73 ng/ml



#12 4,4'-DDE

R.T.: 8.494 min  
Delta R.T.: -0.005 min  
Response: 88034851  
Conc: 46.55 ng/ml





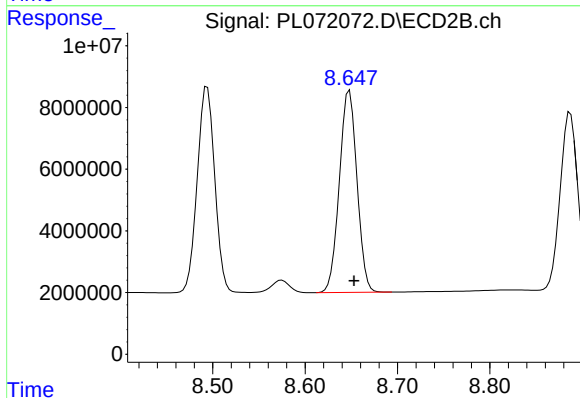
#13 Dieldrin

R.T.: 7.681 min  
Delta R.T.: -0.006 min  
Response: 37969749  
Conc: 50.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

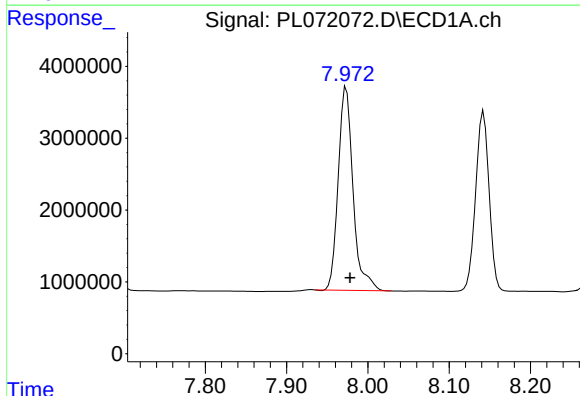
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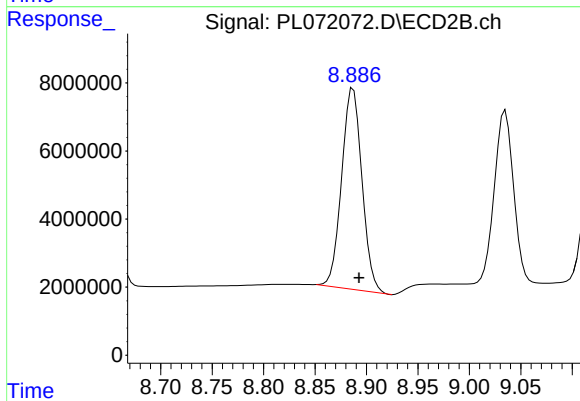
#13 Dieldrin

R.T.: 8.648 min  
Delta R.T.: -0.005 min  
Response: 87029873  
Conc: 44.30 ng/ml



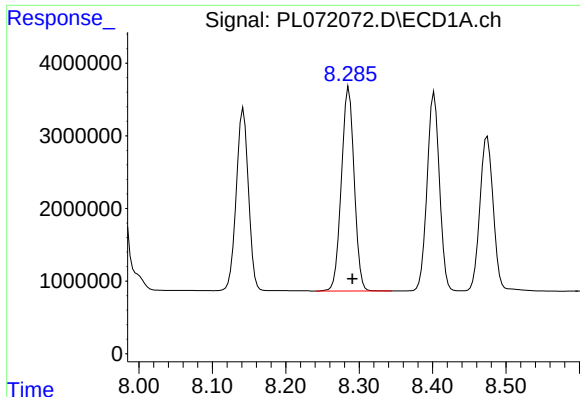
#14 Endrin

R.T.: 7.973 min  
Delta R.T.: -0.005 min  
Response: 35897786  
Conc: 51.23 ng/ml



#14 Endrin

R.T.: 8.887 min  
Delta R.T.: -0.006 min  
Response: 81136484  
Conc: 48.94 ng/ml



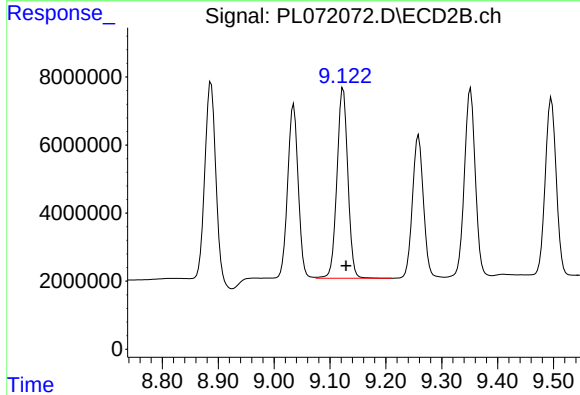
#15 Endosulfan II

R.T.: 8.286 min  
Delta R.T.: -0.005 min  
Response: 34044635  
Conc: 45.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

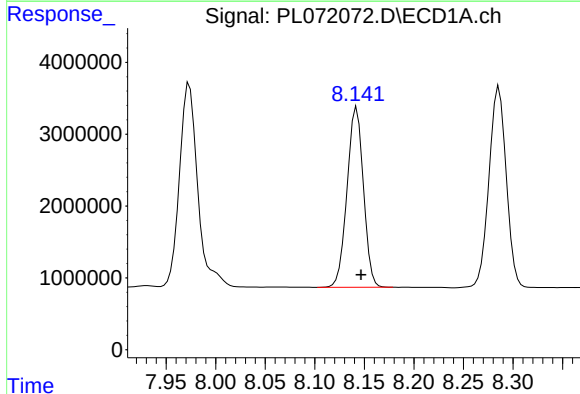
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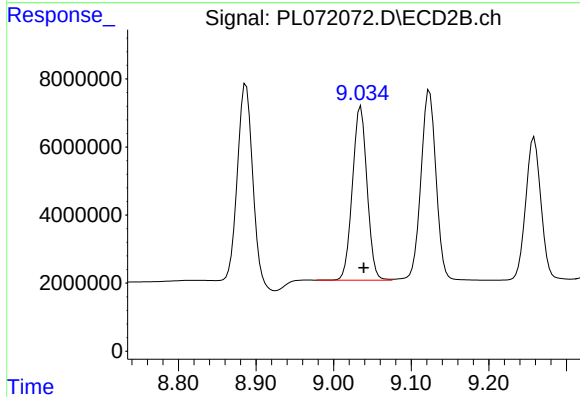
#15 Endosulfan II

R.T.: 9.124 min  
Delta R.T.: -0.005 min  
Response: 75922115  
Conc: 44.27 ng/ml



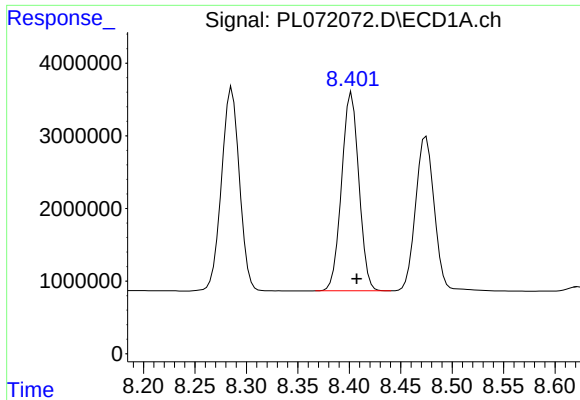
#16 4,4'-DDD

R.T.: 8.142 min  
Delta R.T.: -0.004 min  
Response: 28839477  
Conc: 49.20 ng/ml



#16 4,4'-DDD

R.T.: 9.035 min  
Delta R.T.: -0.004 min  
Response: 67126261  
Conc: 46.95 ng/ml



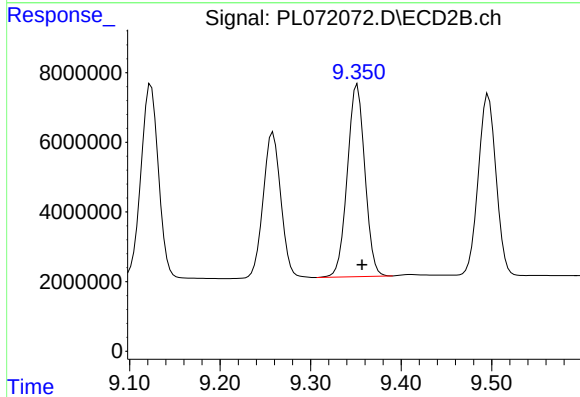
#17 4,4'-DDT

R.T.: 8.402 min  
Delta R.T.: -0.005 min  
Response: 31912917  
Conc: 48.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

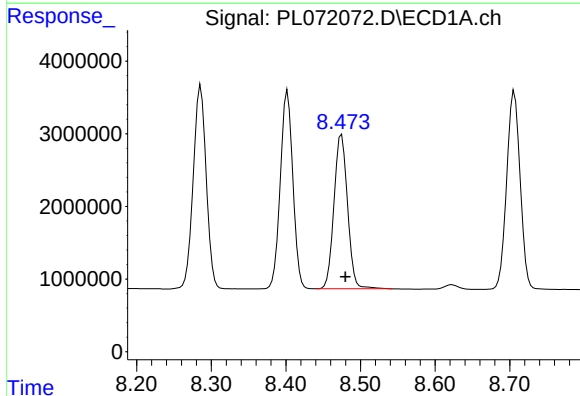
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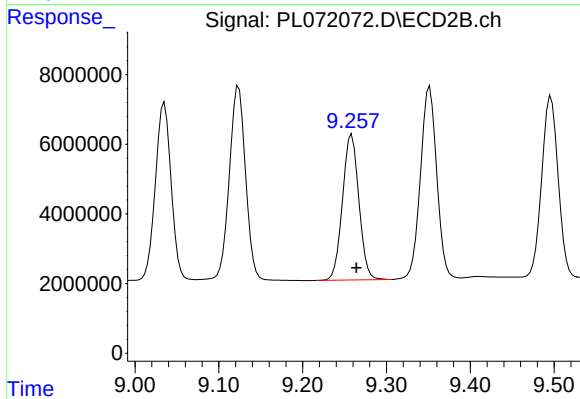
#17 4,4'-DDT

R.T.: 9.352 min  
Delta R.T.: -0.005 min  
Response: 74389092  
Conc: 47.07 ng/ml



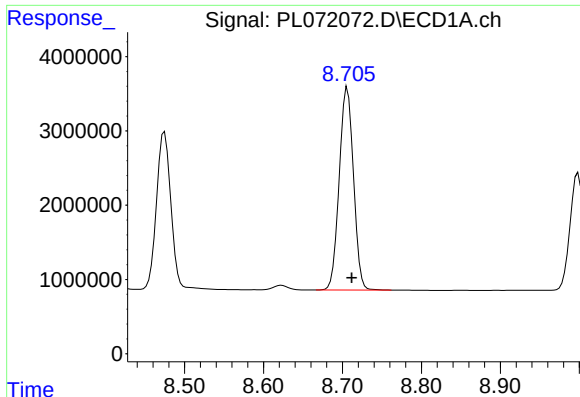
#18 Endrin aldehyde

R.T.: 8.475 min  
Delta R.T.: -0.005 min  
Response: 26920726  
Conc: 47.25 ng/ml



#18 Endrin aldehyde

R.T.: 9.259 min  
Delta R.T.: -0.006 min  
Response: 56933902  
Conc: 45.86 ng/ml



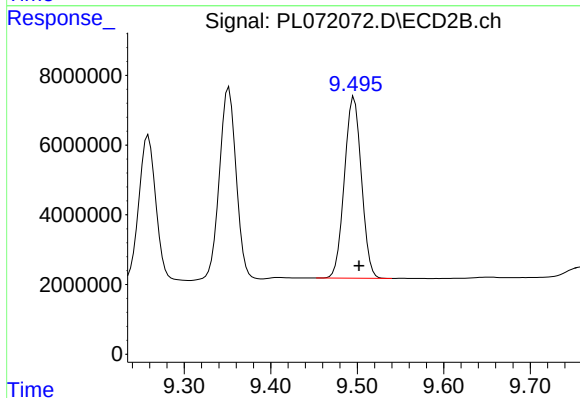
#19 Endosulfan Sulfate

R.T.: 8.706 min  
Delta R.T.: -0.006 min  
Response: 34240195  
Conc: 46.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

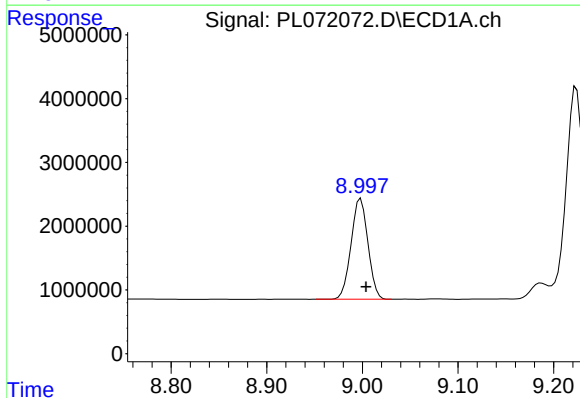
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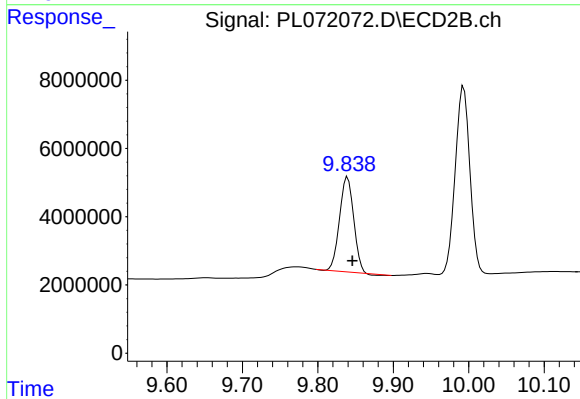
#19 Endosulfan Sulfate

R.T.: 9.496 min  
Delta R.T.: -0.006 min  
Response: 70718672  
Conc: 45.30 ng/ml



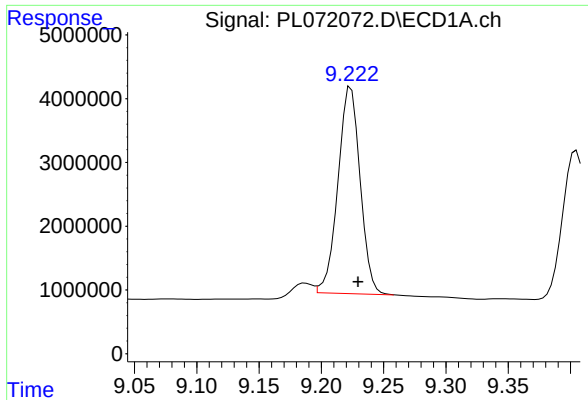
#20 Methoxychlor

R.T.: 8.998 min  
Delta R.T.: -0.006 min  
Response: 19417669  
Conc: 46.02 ng/ml



#20 Methoxychlor

R.T.: 9.839 min  
Delta R.T.: -0.006 min  
Response: 36152454  
Conc: 43.64 ng/ml



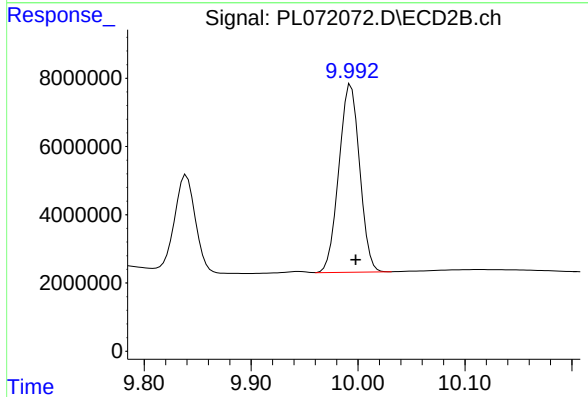
#21 Endrin ketone

R.T.: 9.222 min  
Delta R.T.: -0.007 min  
Response: 40263685  
Conc: 48.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

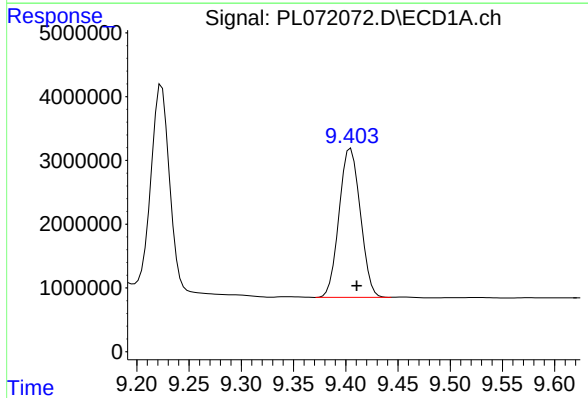
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/19/2022  
Supervised By :Ankita Jodhani 01/19/2022



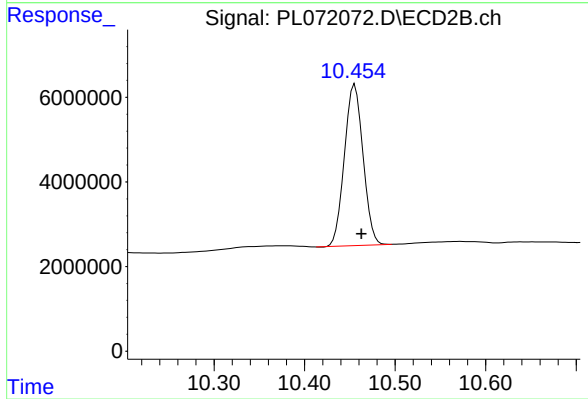
#21 Endrin ketone

R.T.: 9.993 min  
Delta R.T.: -0.005 min  
Response: 74456252  
Conc: 44.99 ng/ml



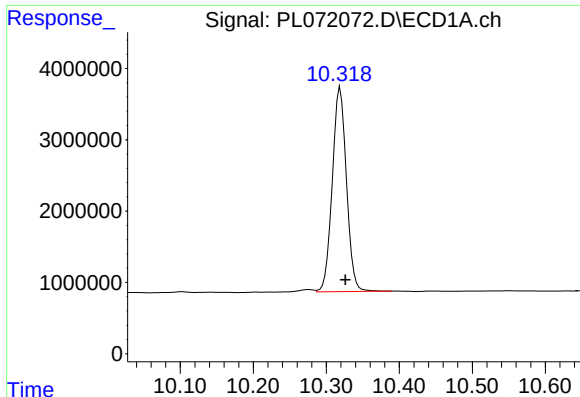
#22 Mirex

R.T.: 9.405 min  
Delta R.T.: -0.006 min  
Response: 33072554  
Conc: 44.78 ng/ml



#22 Mirex

R.T.: 10.456 min  
Delta R.T.: -0.007 min  
Response: 54492960  
Conc: 43.67 ng/ml



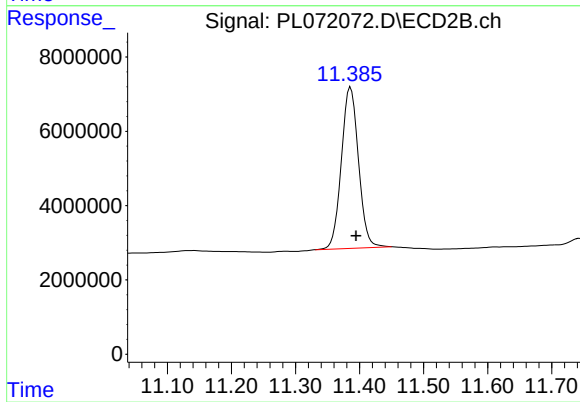
#28 Decachlorobiphenyl

R.T.: 10.319 min  
Delta R.T.: -0.007 min  
Response: 38578996  
Conc: 43.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/19/2022  
Supervised By :Ankita Jodhani 01/19/2022



#28 Decachlorobiphenyl

R.T.: 11.386 min  
Delta R.T.: -0.009 min  
Response: 80486170  
Conc: 49.88 ng/ml