

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061022\  
 Data File : PL075695.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Jun 2022 19:57  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 06/13/2022  
 Supervised By : Ankita Jodhani 06/13/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 11 05:35:05 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060622.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jun 07 02:04:29 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... | 5.641  | 4.635  | 32564215 | 75680671 | 48.251 | 45.097  |
| 28)                         | SA Decachlor... | 11.637 | 10.381 | 27818094 | 58869856 | 45.438 | 41.783  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 6.224  | 5.337  | 46800731 | 108.7E6  | 49.790 | 47.997  |
| 3)                          | MA gamma-BHC... | 6.623  | 5.758  | 43712575 | 100.9E6  | 49.801 | 46.515  |
| 4)                          | MA Heptachlor   | 7.278  | 6.166  | 43365151 | 96776813 | 47.160 | 45.389  |
| 5)                          | MB Aldrin       | 7.652  | 6.490  | 41573582 | 90925842 | 50.634 | 46.297  |
| 6)                          | B beta-BHC      | 6.875  | 6.137  | 20020289 | 43859361 | 48.780 | 44.684  |
| 7)                          | B delta-BHC     | 7.145  | 6.398  | 42156081 | 99219555 | 54.785 | 46.346  |
| 8)                          | B Heptachlo...  | 8.120  | 7.064  | 38649857 | 83889986 | 50.000 | 45.845  |
| 9)                          | A Endosulfan I  | 8.528  | 7.467  | 34797444 | 76727385 | 49.733 | 45.874  |
| 10)                         | B gamma-Chl...  | 8.390  | 7.341  | 38364822 | 84031033 | 49.404 | 45.830  |
| 11)                         | B alpha-Chl...  | 8.472  | 7.410  | 37646167 | 82949755 | 49.365 | 45.430  |
| 12)                         | B 4,4'-DDE      | 8.658  | 7.622  | 33163130 | 74712935 | 50.108 | 46.731  |
| 13)                         | MA Dieldrin     | 8.818  | 7.752  | 35500852 | 79272836 | 49.141 | 46.835  |
| 14)                         | MA Endrin       | 9.060  | 8.042  | 28196367 | 65615496 | 47.556 | 47.995  |
| 15)                         | B Endosulfa...  | 9.293  | 8.352  | 28997332 | 63768717 | 46.598 | 44.498  |
| 16)                         | A 4,4'-DDD      | 9.200  | 8.204  | 28372295 | 63753558 | 51.854 | 48.483m |
| 17)                         | MA 4,4'-DDT     | 9.519  | 8.466  | 27319521 | 59301930 | 42.648 | 42.185  |
| 18)                         | B Endrin al...  | 9.429  | 8.540  | 22862528 | 48101994 | 44.639 | 42.706  |
| 19)                         | B Endosulfa...  | 9.667  | 8.770  | 29852438 | 65773226 | 47.657 | 44.781  |
| 20)                         | A Methoxychlor  | 10.004 | 9.059  | 14928744 | 32792481 | 41.704 | 40.254  |
| 21)                         | B Endrin ke...  | 10.169 | 9.289  | 33243936 | 73330081 | 47.273 | 45.427  |
| 22)                         | Mirex           | 10.641 | 9.475  | 25161205 | 56175402 | 44.708 | 43.746  |
| -----                       |                 |        |        |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL061022\  
 Data File : PL075695.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Jun 2022 19:57  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

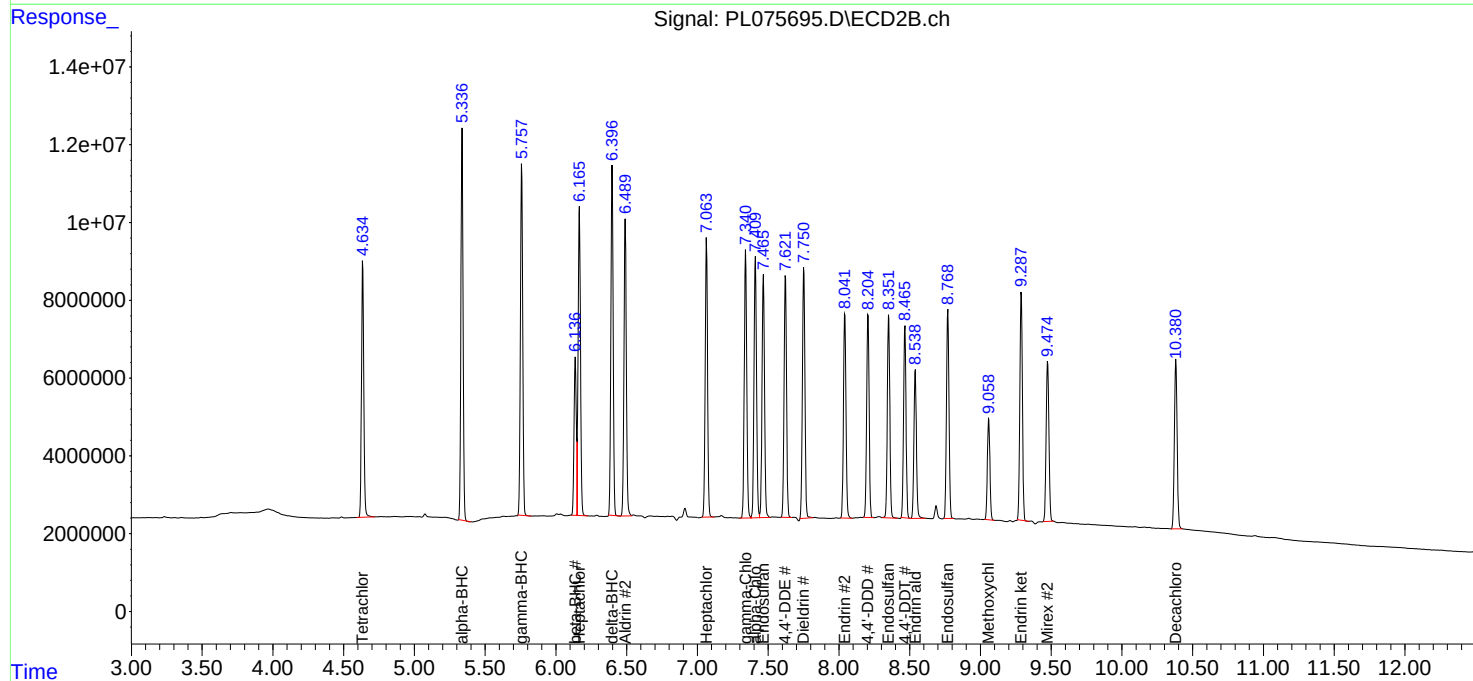
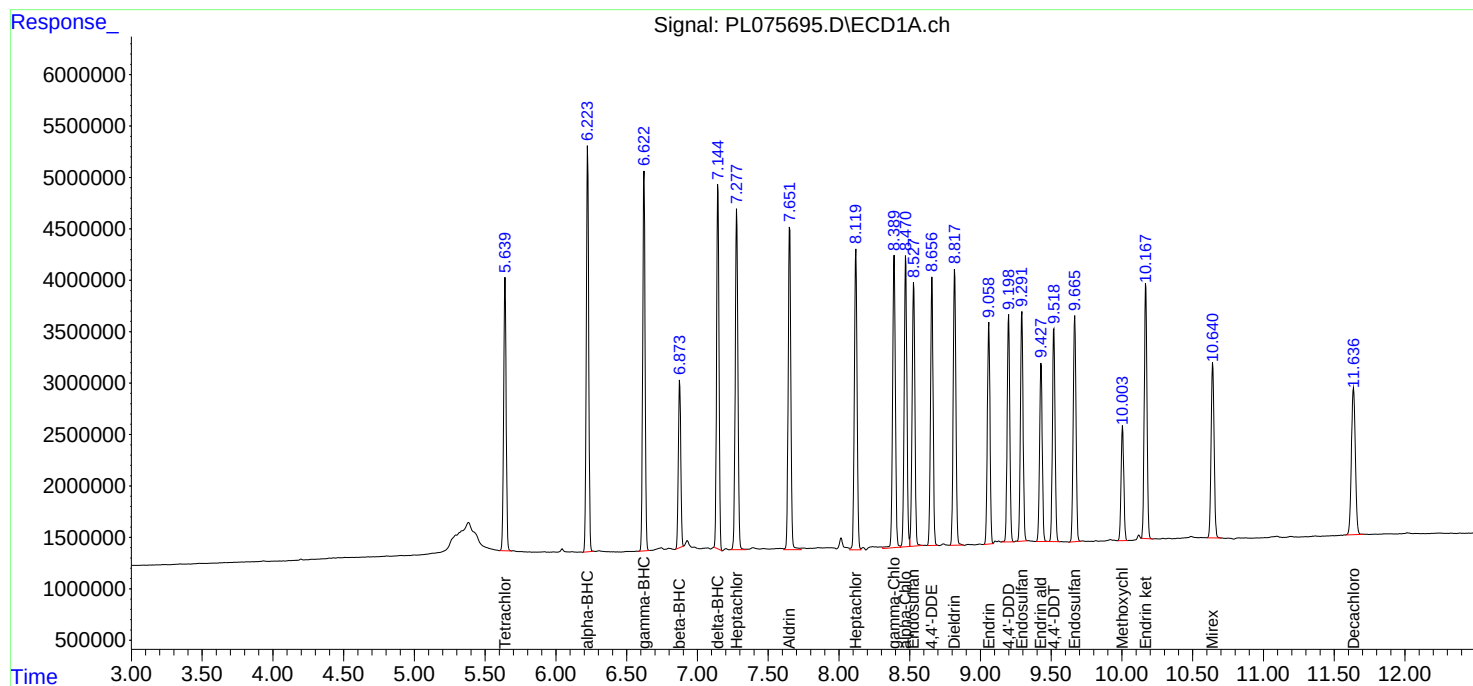
## APPROVED

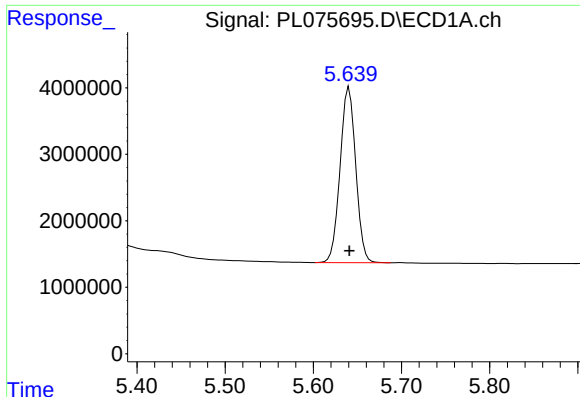
Reviewed By :Abdul Mirza 06/13/2022

Supervised By :Ankita Jodhani 06/13/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 11 05:35:05 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL060622.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jun 07 02:04:29 2022  
 Response via : Initial Calibration  
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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





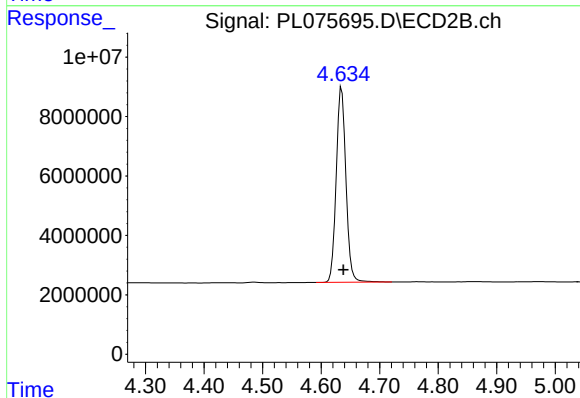
#1 Tetrachloro-m-xylene

R.T.: 5.641 min  
Delta R.T.: 0.000 min  
Response: 32564215  
Conc: 48.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

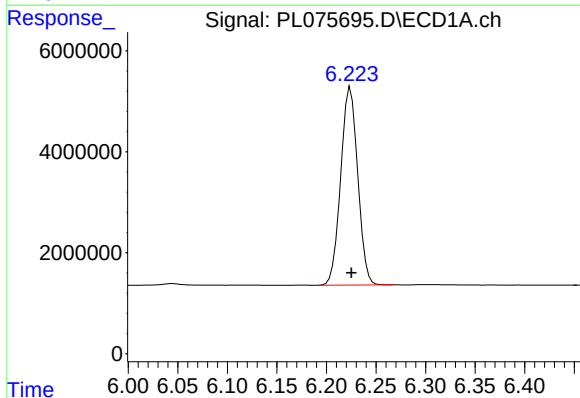
Manual Integrations  
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Reviewed By :Abdul Mirza 06/13/2022  
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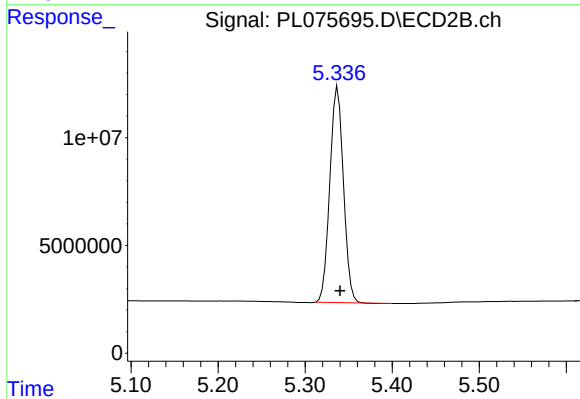
#1 Tetrachloro-m-xylene

R.T.: 4.635 min  
Delta R.T.: -0.003 min  
Response: 75680671  
Conc: 45.10 ng/ml



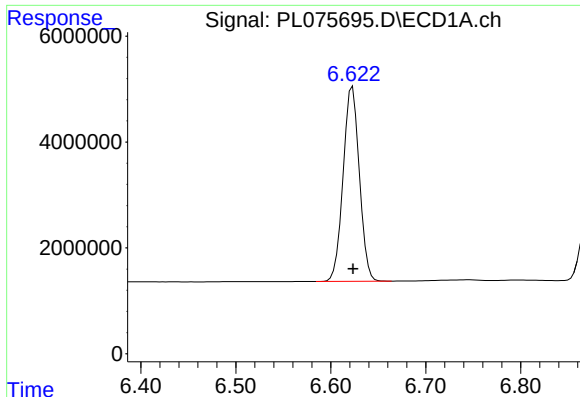
#2 alpha-BHC

R.T.: 6.224 min  
Delta R.T.: 0.000 min  
Response: 46800731  
Conc: 49.79 ng/ml



#2 alpha-BHC

R.T.: 5.337 min  
Delta R.T.: -0.003 min  
Response: 108678048  
Conc: 48.00 ng/ml



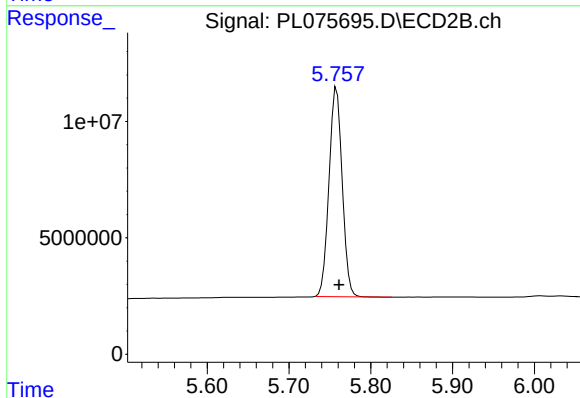
#3 gamma-BHC (Lindane)

R.T.: 6.623 min  
Delta R.T.: 0.000 min  
Response: 43712575  
Conc: 49.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

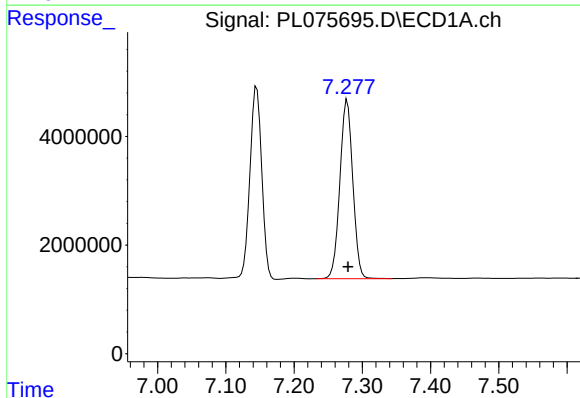
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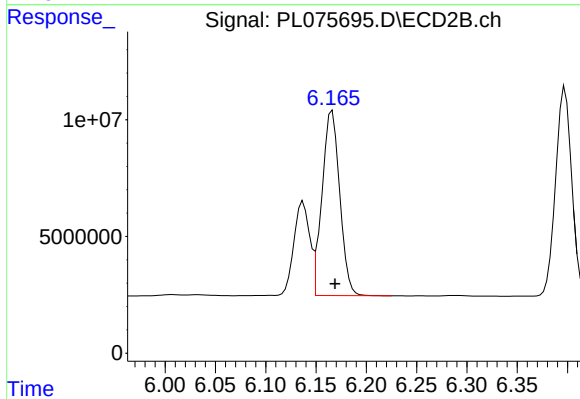
#3 gamma-BHC (Lindane)

R.T.: 5.758 min  
Delta R.T.: -0.003 min  
Response: 100870777  
Conc: 46.51 ng/ml



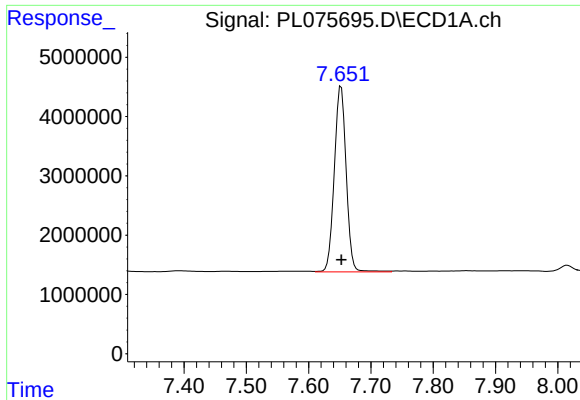
#4 Heptachlor

R.T.: 7.278 min  
Delta R.T.: -0.001 min  
Response: 43365151  
Conc: 47.16 ng/ml



#4 Heptachlor

R.T.: 6.166 min  
Delta R.T.: -0.003 min  
Response: 96776813  
Conc: 45.39 ng/ml



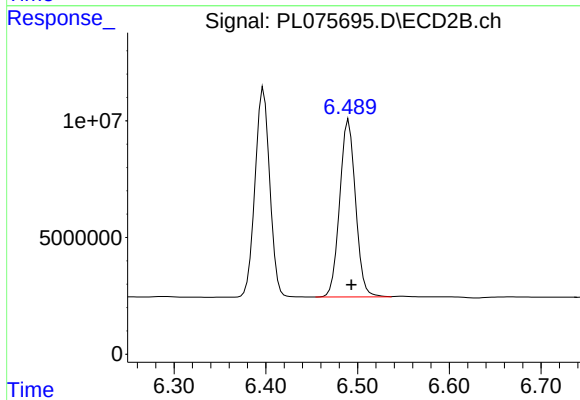
#5 Aldrin

R.T.: 7.652 min  
Delta R.T.: 0.000 min  
Response: 41573582  
Conc: 50.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

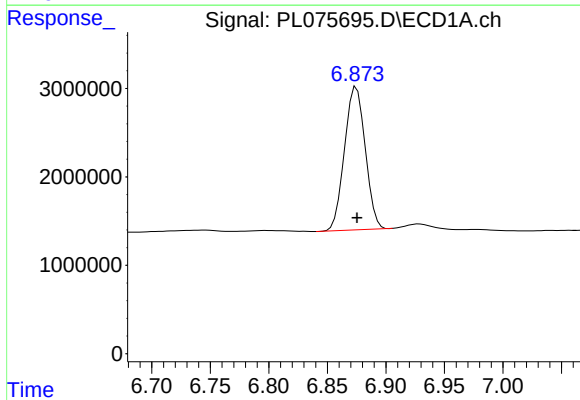
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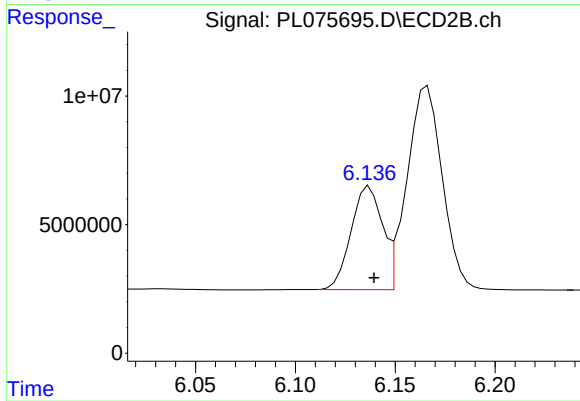
#5 Aldrin

R.T.: 6.490 min  
Delta R.T.: -0.003 min  
Response: 90925842  
Conc: 46.30 ng/ml



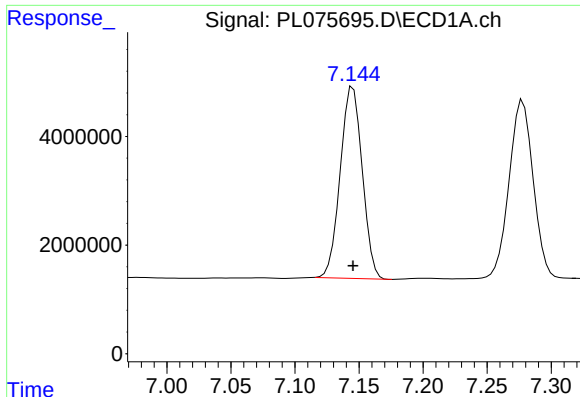
#6 beta-BHC

R.T.: 6.875 min  
Delta R.T.: 0.000 min  
Response: 20020289  
Conc: 48.78 ng/ml



#6 beta-BHC

R.T.: 6.137 min  
Delta R.T.: -0.002 min  
Response: 43859361  
Conc: 44.68 ng/ml



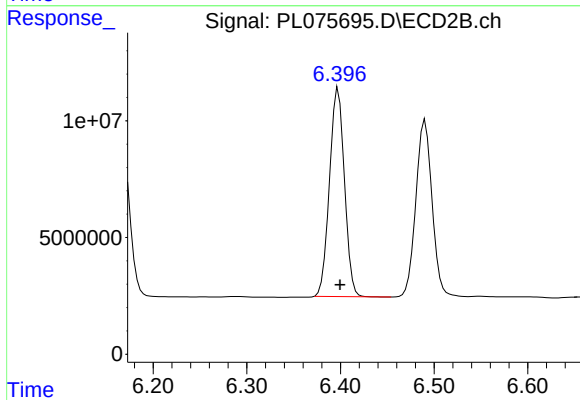
#7 delta-BHC

R.T.: 7.145 min  
Delta R.T.: 0.000 min  
Response: 42156081  
Conc: 54.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

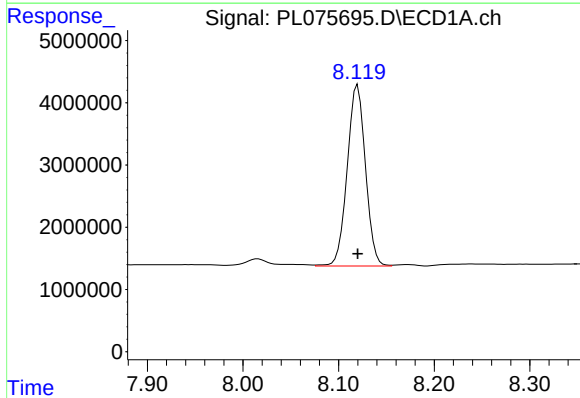
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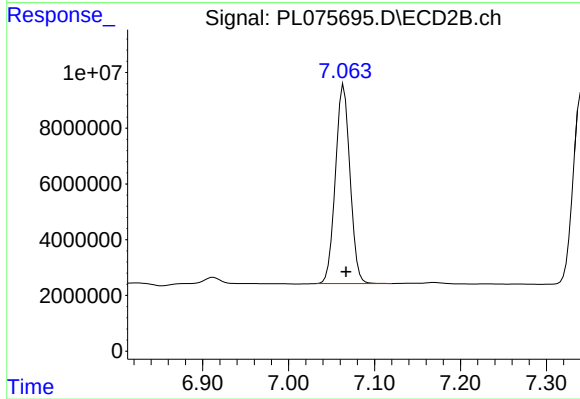
#7 delta-BHC

R.T.: 6.398 min  
Delta R.T.: -0.002 min  
Response: 99219555  
Conc: 46.35 ng/ml



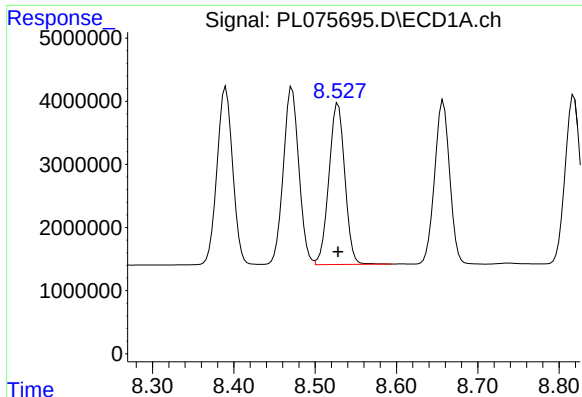
#8 Heptachlor epoxide

R.T.: 8.120 min  
Delta R.T.: 0.000 min  
Response: 38649857  
Conc: 50.00 ng/ml



#8 Heptachlor epoxide

R.T.: 7.064 min  
Delta R.T.: -0.003 min  
Response: 83889986  
Conc: 45.85 ng/ml



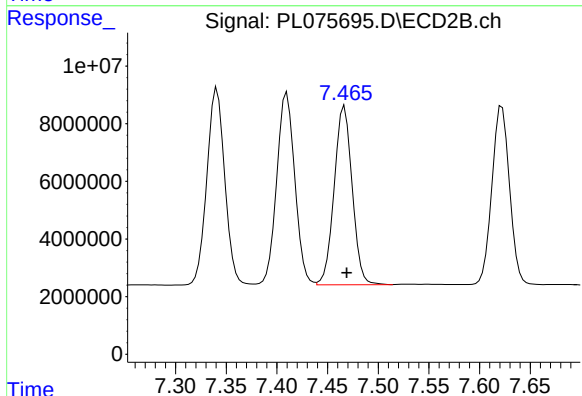
#9 Endosulfan I

R.T.: 8.528 min  
Delta R.T.: 0.000 min  
Response: 34797444  
Conc: 49.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

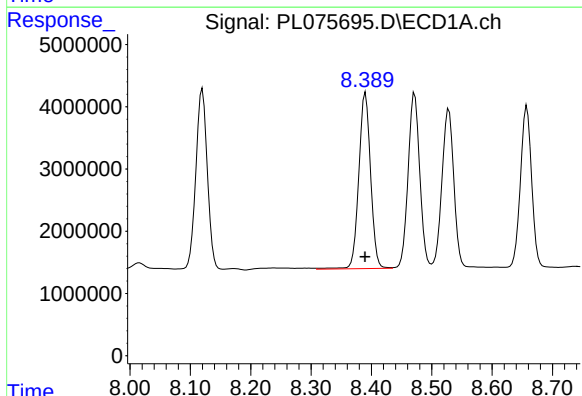
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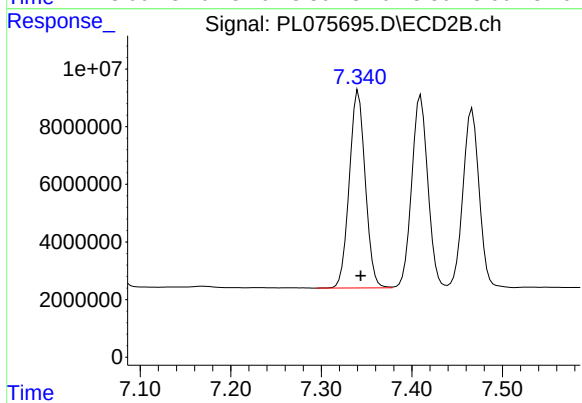
#9 Endosulfan I

R.T.: 7.467 min  
Delta R.T.: -0.002 min  
Response: 76727385  
Conc: 45.87 ng/ml



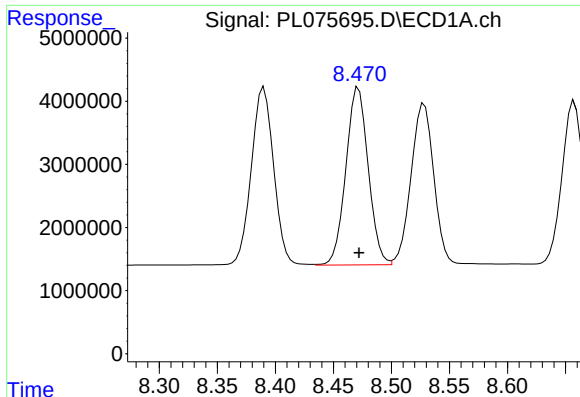
#10 gamma-Chlordane

R.T.: 8.390 min  
Delta R.T.: 0.000 min  
Response: 38364822  
Conc: 49.40 ng/ml



#10 gamma-Chlordane

R.T.: 7.341 min  
Delta R.T.: -0.003 min  
Response: 84031033  
Conc: 45.83 ng/ml



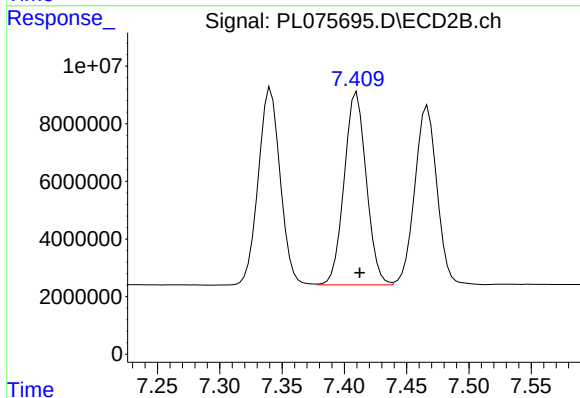
#11 alpha-Chlordane

R.T.: 8.472 min  
Delta R.T.: 0.000 min  
Response: 37646167  
Conc: 49.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

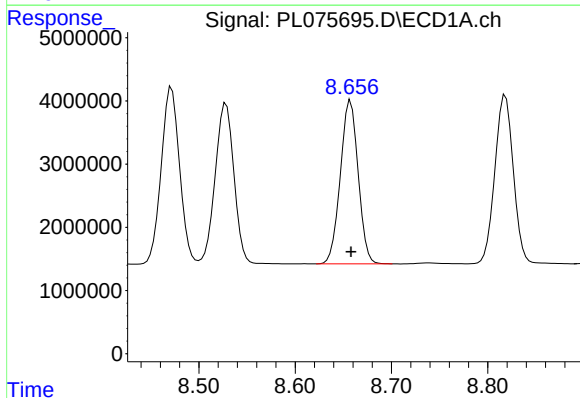
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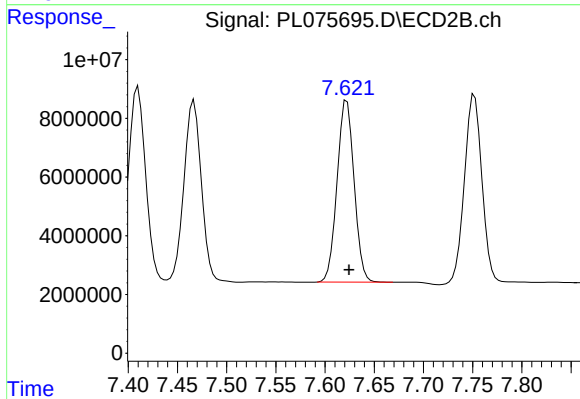
#11 alpha-Chlordane

R.T.: 7.410 min  
Delta R.T.: -0.002 min  
Response: 82949755  
Conc: 45.43 ng/ml



#12 4,4'-DDE

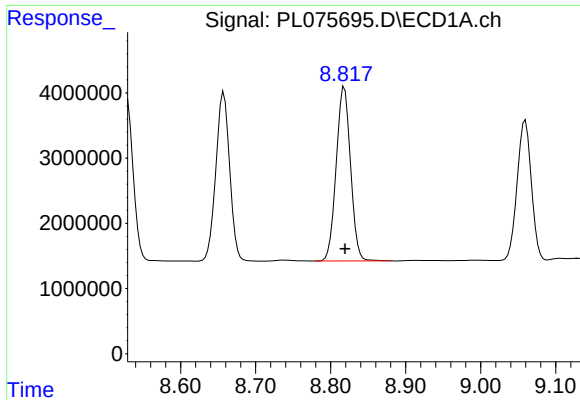
R.T.: 8.658 min  
Delta R.T.: 0.000 min  
Response: 33163130  
Conc: 50.11 ng/ml



#12 4,4'-DDE

R.T.: 7.622 min  
Delta R.T.: -0.002 min  
Response: 74712935  
Conc: 46.73 ng/ml





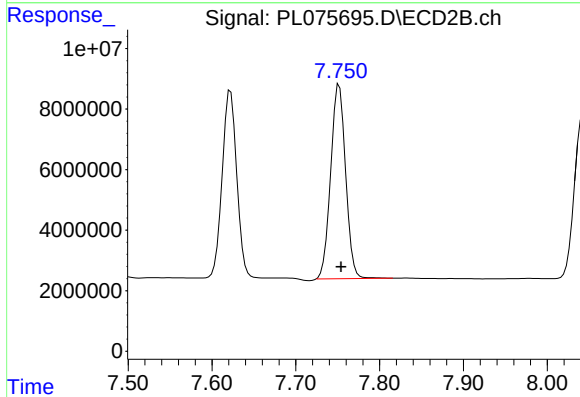
#13 Dieldrin

R.T.: 8.818 min  
Delta R.T.: 0.000 min  
Response: 35500852  
Conc: 49.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

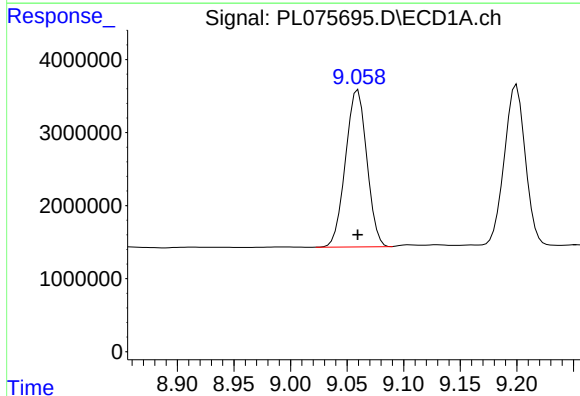
Manual Integrations  
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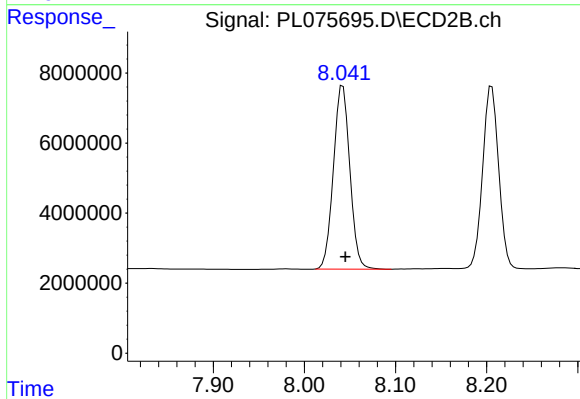
#13 Dieldrin

R.T.: 7.752 min  
Delta R.T.: -0.002 min  
Response: 79272836  
Conc: 46.83 ng/ml



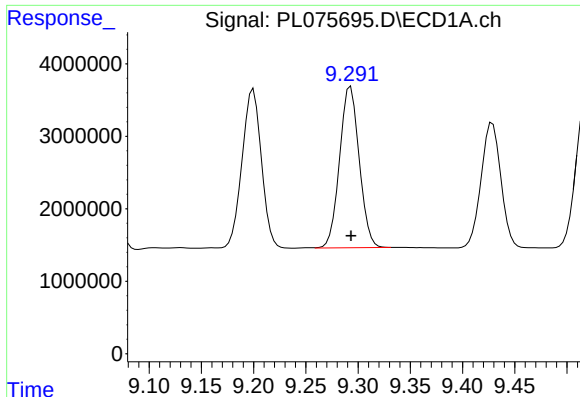
#14 Endrin

R.T.: 9.060 min  
Delta R.T.: 0.000 min  
Response: 28196367  
Conc: 47.56 ng/ml



#14 Endrin

R.T.: 8.042 min  
Delta R.T.: -0.003 min  
Response: 65615496  
Conc: 48.00 ng/ml



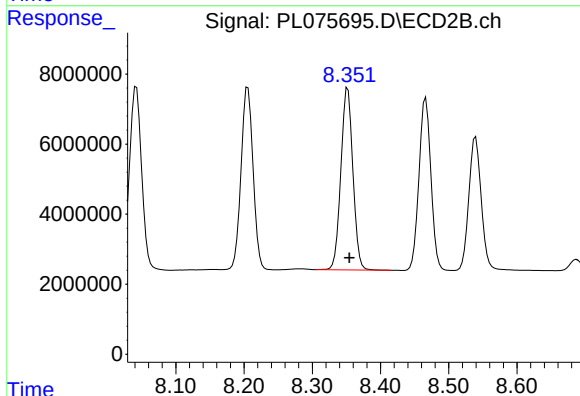
#15 Endosulfan II

R.T.: 9.293 min  
Delta R.T.: 0.000 min  
Response: 28997332  
Conc: 46.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

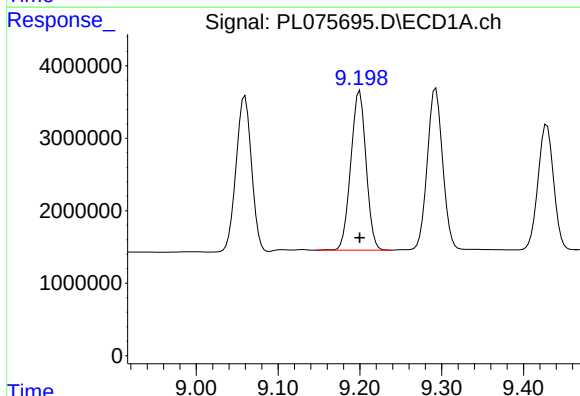
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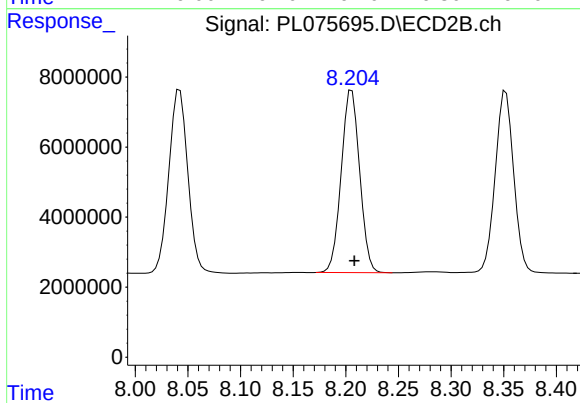
#15 Endosulfan II

R.T.: 8.352 min  
Delta R.T.: -0.002 min  
Response: 63768717  
Conc: 44.50 ng/ml



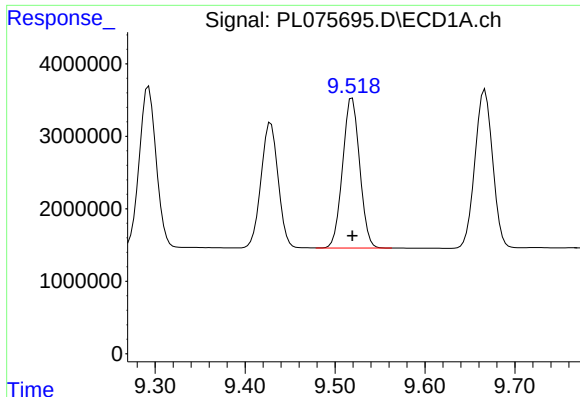
#16 4,4'-DDD

R.T.: 9.200 min  
Delta R.T.: 0.000 min  
Response: 28372295  
Conc: 51.85 ng/ml



#16 4,4'-DDD

R.T.: 8.204 min  
Delta R.T.: -0.004 min  
Response: 63753558  
Conc: 48.48 ng/ml m



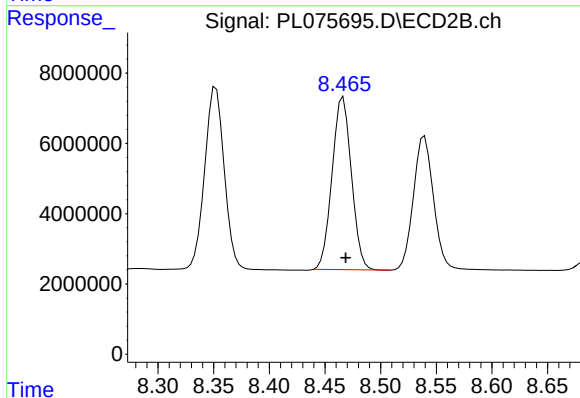
#17 4,4'-DDT

R.T.: 9.519 min  
Delta R.T.: 0.000 min  
Response: 27319521  
Conc: 42.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

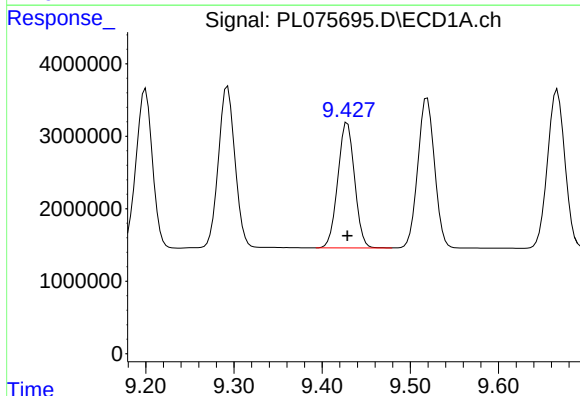
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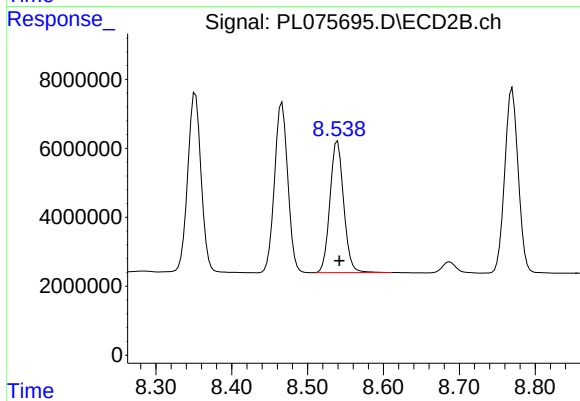
#17 4,4'-DDT

R.T.: 8.466 min  
Delta R.T.: -0.002 min  
Response: 59301930  
Conc: 42.18 ng/ml



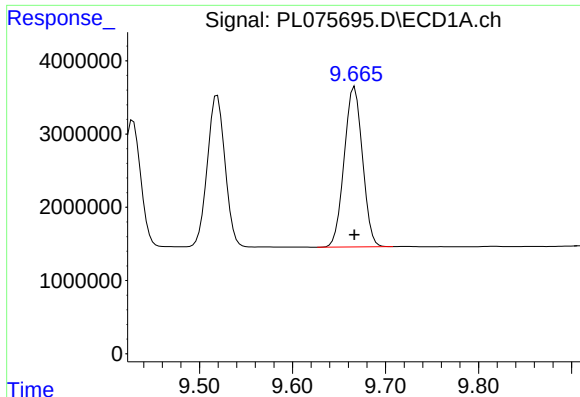
#18 Endrin aldehyde

R.T.: 9.429 min  
Delta R.T.: 0.000 min  
Response: 22862528  
Conc: 44.64 ng/ml



#18 Endrin aldehyde

R.T.: 8.540 min  
Delta R.T.: -0.003 min  
Response: 48101994  
Conc: 42.71 ng/ml



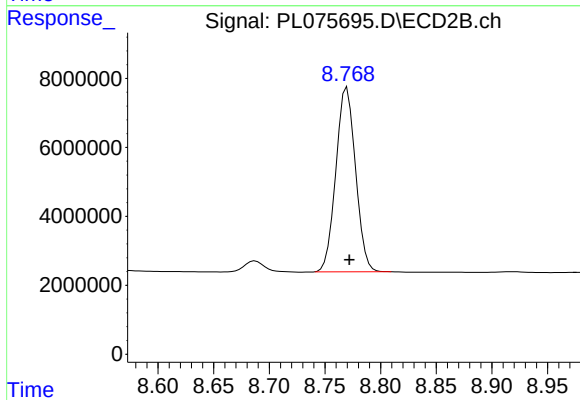
#19 Endosulfan Sulfate

R.T.: 9.667 min  
Delta R.T.: 0.000 min  
Response: 29852438  
Conc: 47.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

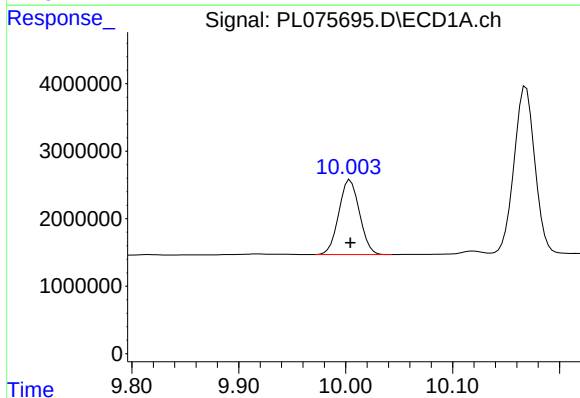
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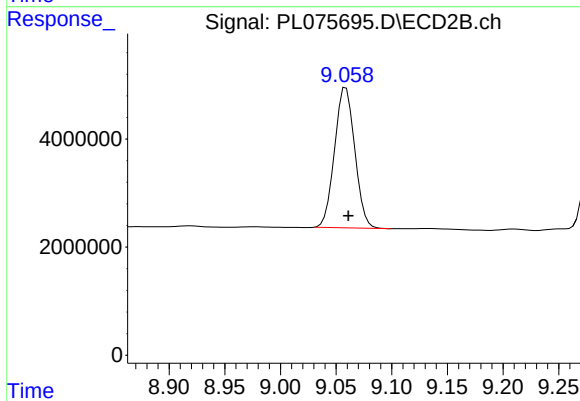
#19 Endosulfan Sulfate

R.T.: 8.770 min  
Delta R.T.: -0.002 min  
Response: 65773226  
Conc: 44.78 ng/ml



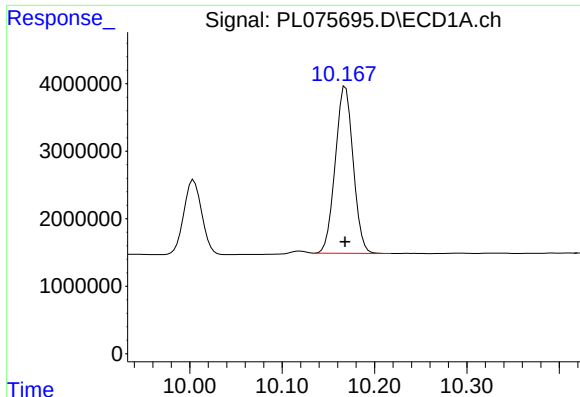
#20 Methoxychlor

R.T.: 10.004 min  
Delta R.T.: 0.000 min  
Response: 14928744  
Conc: 41.70 ng/ml



#20 Methoxychlor

R.T.: 9.059 min  
Delta R.T.: -0.002 min  
Response: 32792481  
Conc: 40.25 ng/ml



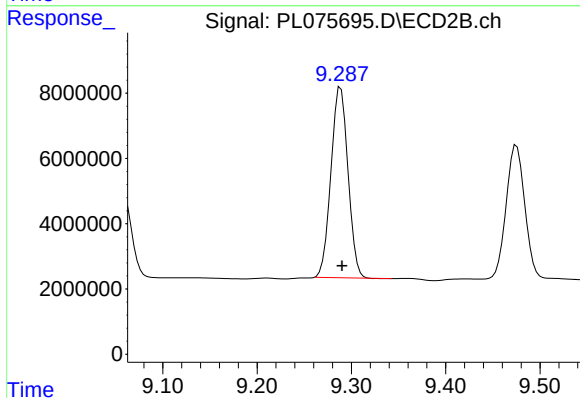
#21 Endrin ketone

R.T.: 10.169 min  
Delta R.T.: 0.000 min  
Response: 33243936  
Conc: 47.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

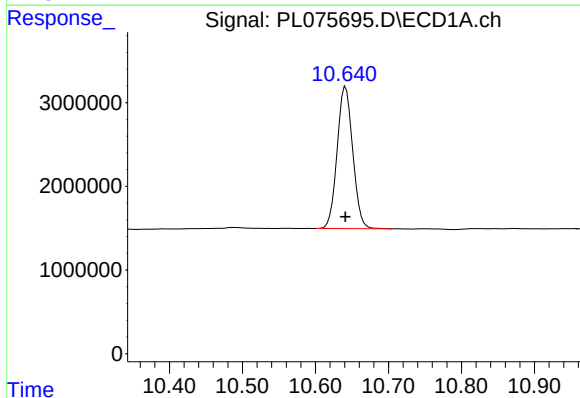
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/13/2022  
Supervised By :Ankita Jodhani 06/13/2022



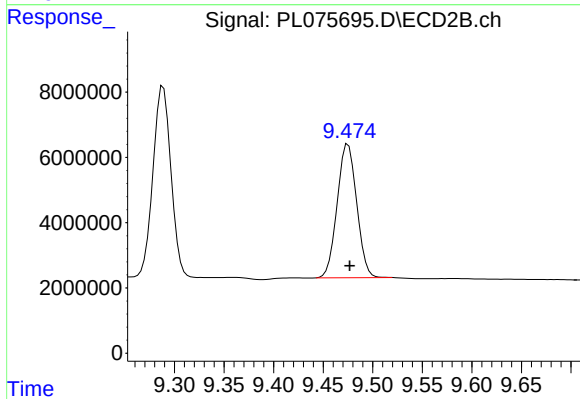
#21 Endrin ketone

R.T.: 9.289 min  
Delta R.T.: -0.002 min  
Response: 73330081  
Conc: 45.43 ng/ml



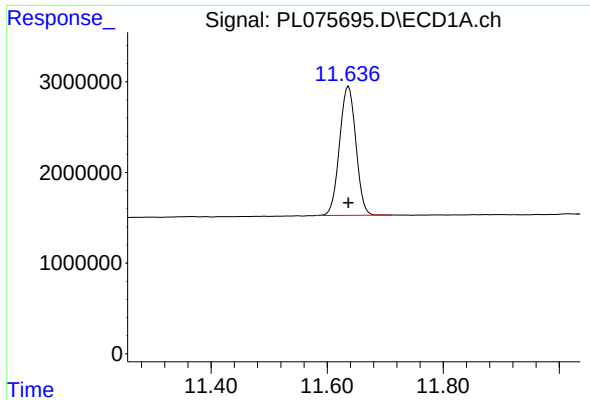
#22 Mirex

R.T.: 10.641 min  
Delta R.T.: 0.000 min  
Response: 25161205  
Conc: 44.71 ng/ml



#22 Mirex

R.T.: 9.475 min  
Delta R.T.: -0.002 min  
Response: 56175402  
Conc: 43.75 ng/ml



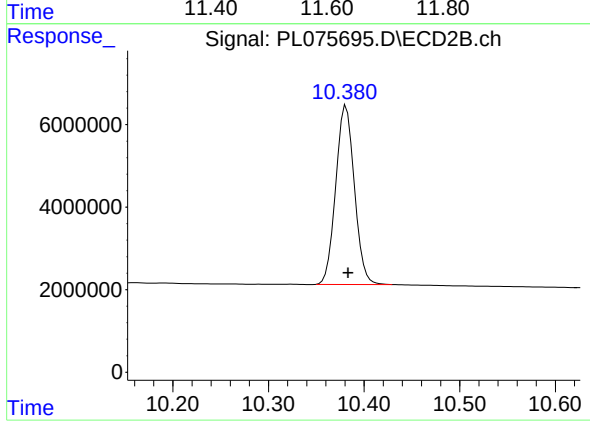
#28 Decachlorobiphenyl

R.T.: 11.637 min  
Delta R.T.: 0.000 min  
Response: 27818094  
Conc: 45.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 06/13/2022  
Supervised By :Ankita Jodhani 06/13/2022



#28 Decachlorobiphenyl

R.T.: 10.381 min  
Delta R.T.: -0.002 min  
Response: 58869856  
Conc: 41.78 ng/ml