

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071122\  
 Data File : PL076371.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Jul 2022 17:03  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 07/12/2022  
 Supervised By :Ankita Jodhani 07/12/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 12 00:01:04 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL070822.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 08 16:50:17 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  | 4.622  | 38651432 | 104.5E6  | 53.653  | 51.665   |
| 28)                         | SA Decachlor... | 11.628 | 10.360 | 29518767 | 68466145 | 50.035  | 40.804   |
| Target Compounds            |                 |        |        |          |          |         |          |
| 2)                          | A alpha-BHC     | 6.224  | 5.322  | 51611735 | 140.2E6  | 55.069  | 51.102m  |
| 3)                          | MA gamma-BHC... | 6.622  | 5.744  | 48299142 | 123.2E6  | 55.113  | 50.072   |
| 4)                          | MA Heptachlor   | 7.276  | 6.150  | 45674814 | 122.2E6  | 52.680  | 50.368   |
| 5)                          | MB Aldrin       | 7.650  | 6.473  | 42179115 | 111.6E6  | 54.295  | 51.486   |
| 6)                          | B beta-BHC      | 6.875  | 6.124  | 32936161 | 52168856 | 74.930  | 47.702 # |
| 7)                          | B delta-BHC     | 7.143  | 6.381  | 40158627 | 120.5E6  | 59.974m | 50.349m  |
| 8)                          | B Heptachlo...  | 8.117  | 7.047  | 37714763 | 98230013 | 48.444  | 49.838   |
| 9)                          | A Endosulfan I  | 8.525  | 7.449  | 34650856 | 89962855 | 51.298  | 48.786   |
| 10)                         | B gamma-Chl...  | 8.387  | 7.324  | 37247248 | 99860022 | 51.253  | 50.079   |
| 11)                         | B alpha-Chl...  | 8.469  | 7.392  | 37323661 | 98067291 | 51.573  | 48.776   |
| 12)                         | B 4,4'-DDE      | 8.654  | 7.603  | 32820881 | 88866377 | 52.943  | 48.350m  |
| 13)                         | MA Dieldrin     | 8.815  | 7.734  | 35049405 | 90924698 | 51.881  | 48.065   |
| 14)                         | MA Endrin       | 9.056  | 8.023  | 28630612 | 77270870 | 49.759  | 53.449m  |
| 15)                         | B Endosulfa...  | 9.290  | 8.334  | 29356600 | 71316138 | 49.137  | 46.144   |
| 16)                         | A 4,4'-DDD      | 9.196  | 8.189  | 26710738 | 69427372 | 51.124  | 47.882   |
| 17)                         | MA 4,4'-DDT     | 9.514  | 8.449  | 29119373 | 70580420 | 49.017  | 45.143   |
| 18)                         | B Endrin al...  | 9.425  | 8.522  | 23501943 | 54605192 | 48.694  | 43.576   |
| 19)                         | B Endosulfa...  | 9.663  | 8.752  | 29084838 | 72079046 | 48.717  | 45.327   |
| 20)                         | A Methoxychlor  | 10.001 | 9.039  | 15909913 | 37404971 | 47.477  | 43.848m  |
| 21)                         | B Endrin ke...  | 10.164 | 9.269  | 33295596 | 79425187 | 49.251  | 47.197   |
| 22)                         | Mirex           | 10.636 | 9.453  | 24200382 | 59363619 | 47.319  | 44.887m  |
| -----                       |                 |        |        |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071122\  
 Data File : PL076371.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Jul 2022 17:03  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

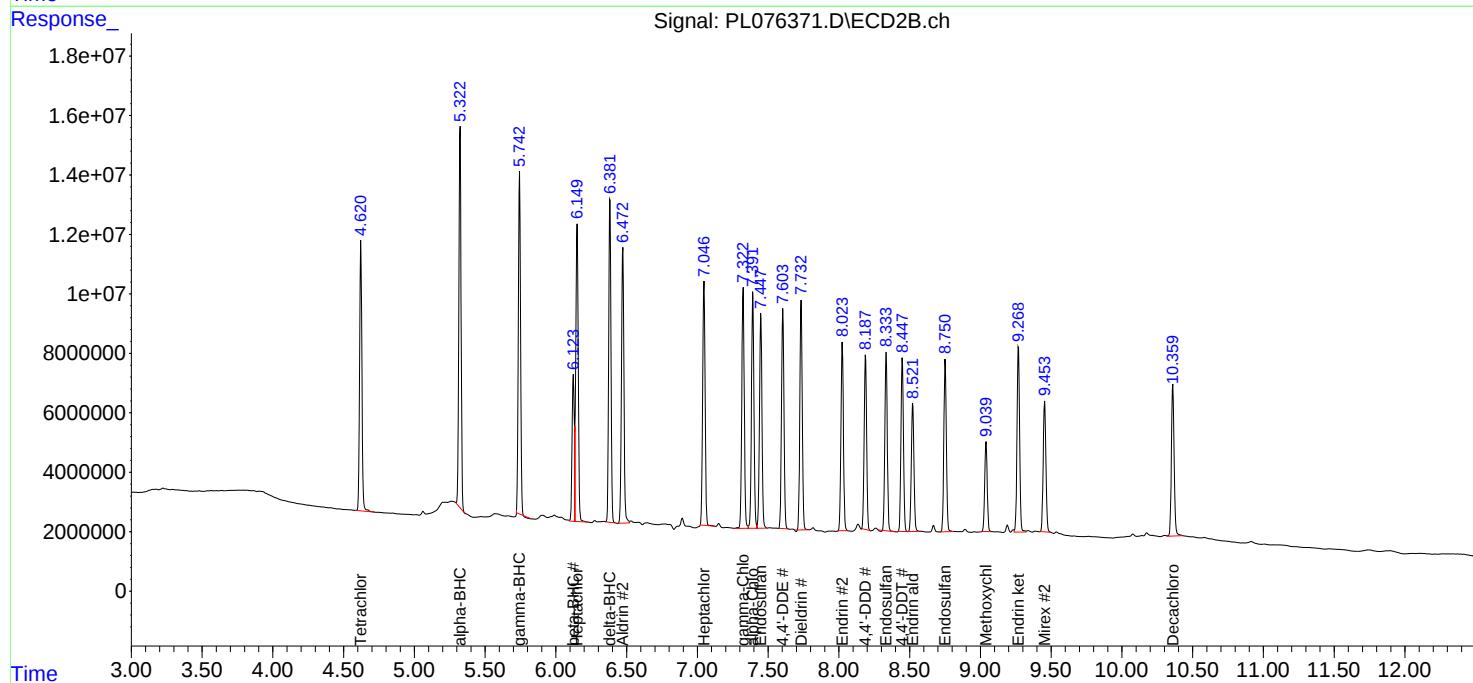
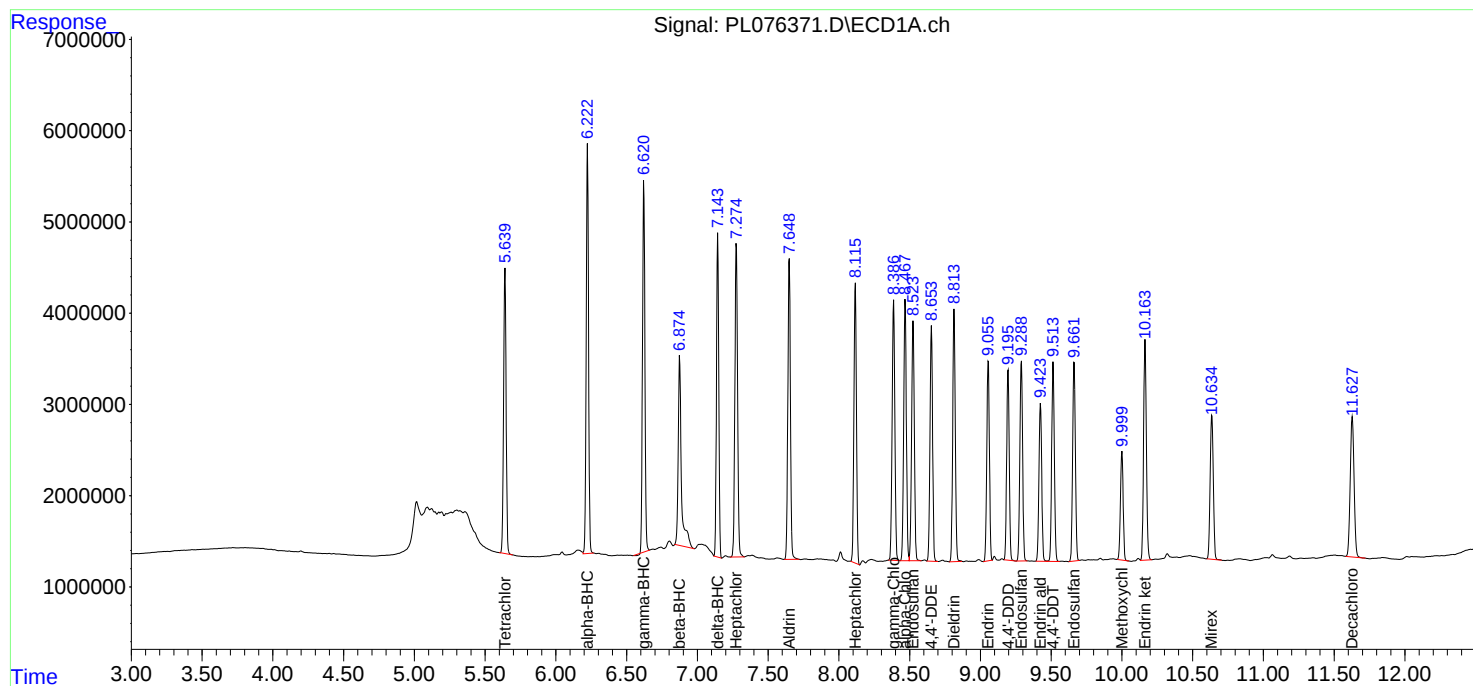
APPROVED

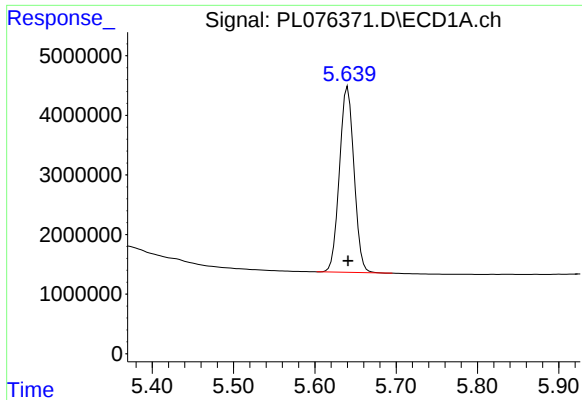
Reviewed By :Abdul Mirza 07/12/2022

Supervised By :Ankita Jodhani 07/12/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 12 00:01:04 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL070822.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 08 16:50:17 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





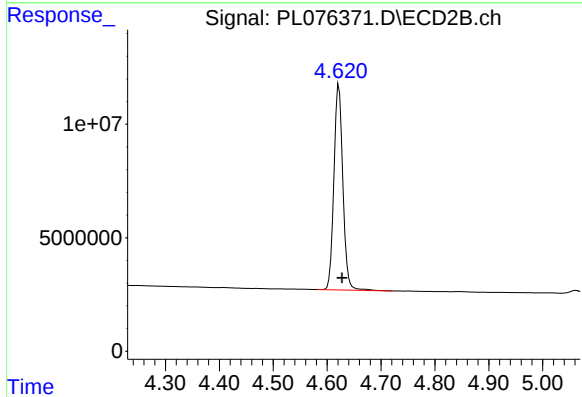
#1 Tetrachloro-m-xylene

R.T.: 5.641 min  
Delta R.T.: 0.000 min  
Response: 38651432  
Conc: 53.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

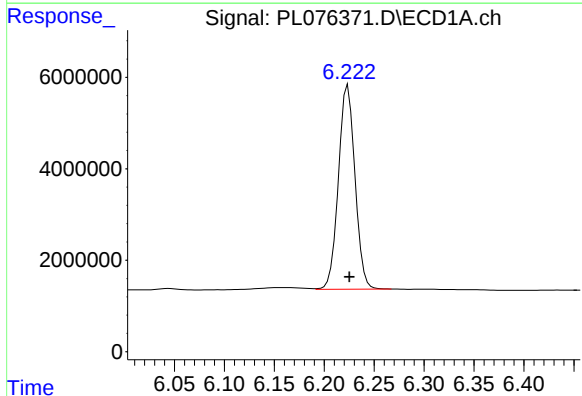
Manual Integrations  
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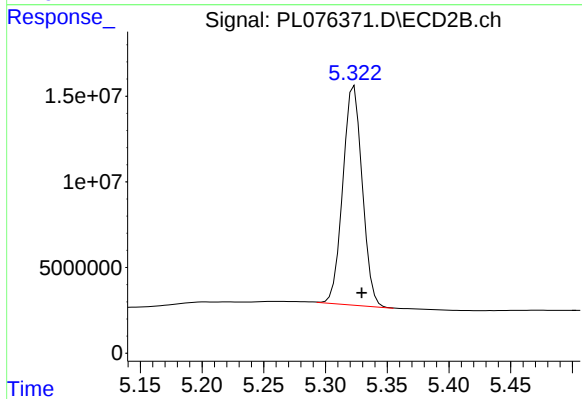
#1 Tetrachloro-m-xylene

R.T.: 4.622 min  
Delta R.T.: -0.006 min  
Response: 104459276  
Conc: 51.66 ng/ml



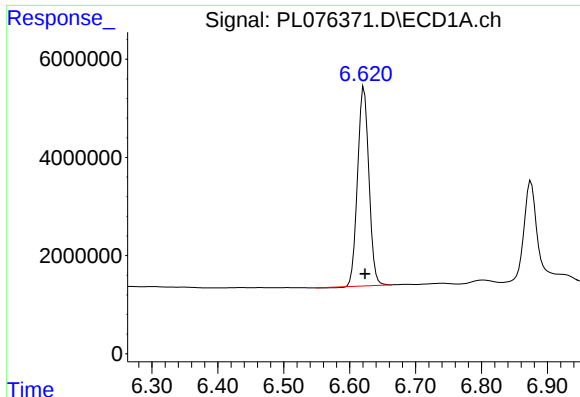
#2 alpha-BHC

R.T.: 6.224 min  
Delta R.T.: -0.002 min  
Response: 51611735  
Conc: 55.07 ng/ml



#2 alpha-BHC

R.T.: 5.322 min  
Delta R.T.: -0.008 min  
Response: 140156098  
Conc: 51.10 ng/ml m



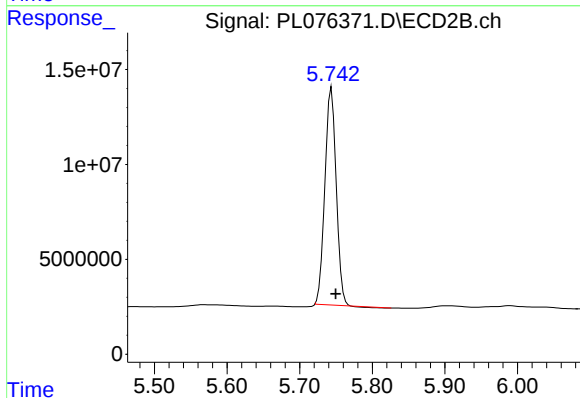
#3 gamma-BHC (Lindane)

R.T.: 6.622 min  
Delta R.T.: -0.001 min  
Response: 48299142  
Conc: 55.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

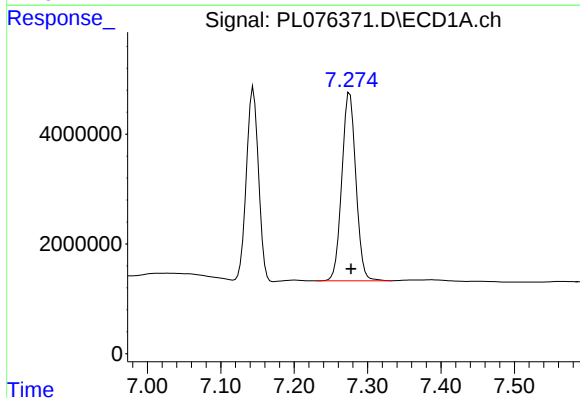
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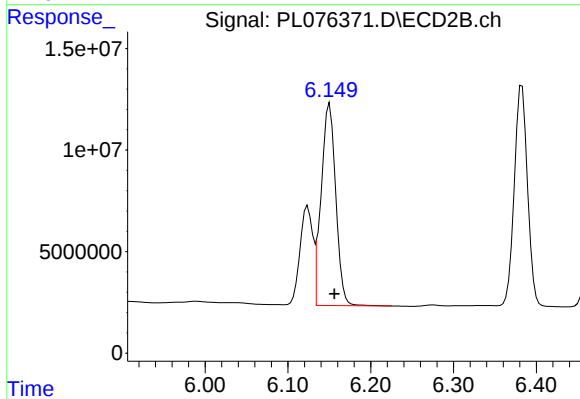
#3 gamma-BHC (Lindane)

R.T.: 5.744 min  
Delta R.T.: -0.006 min  
Response: 123240822  
Conc: 50.07 ng/ml



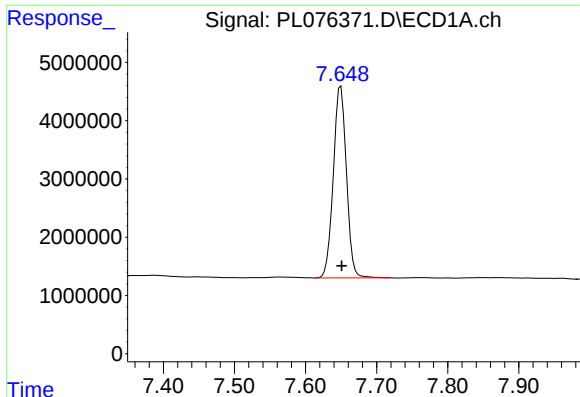
#4 Heptachlor

R.T.: 7.276 min  
Delta R.T.: -0.002 min  
Response: 45674814  
Conc: 52.68 ng/ml



#4 Heptachlor

R.T.: 6.150 min  
Delta R.T.: -0.006 min  
Response: 122189566  
Conc: 50.37 ng/ml



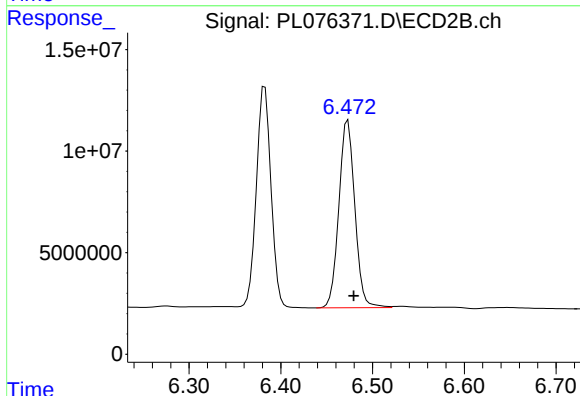
#5 Aldrin

R.T.: 7.650 min  
Delta R.T.: -0.001 min  
Response: 42179115  
Conc: 54.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

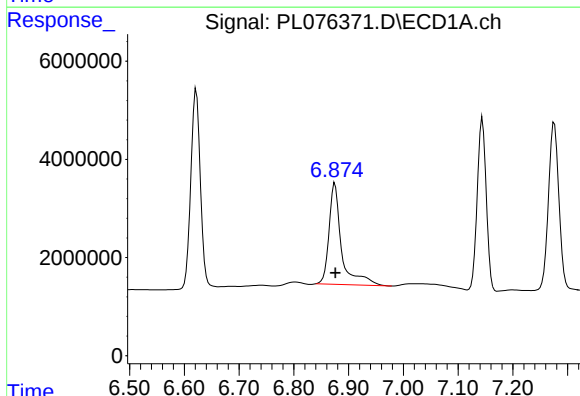
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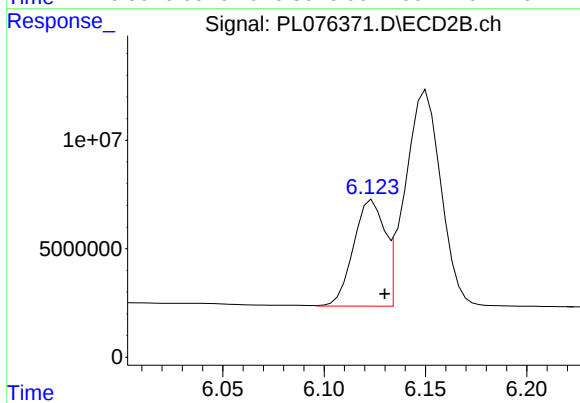
#5 Aldrin

R.T.: 6.473 min  
Delta R.T.: -0.006 min  
Response: 111613881  
Conc: 51.49 ng/ml



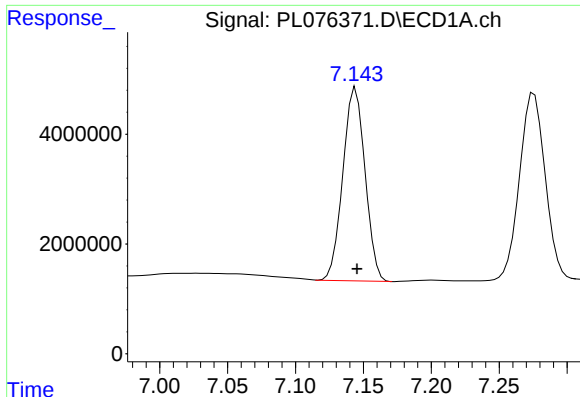
#6 beta-BHC

R.T.: 6.875 min  
Delta R.T.: 0.000 min  
Response: 32936161  
Conc: 74.93 ng/ml



#6 beta-BHC

R.T.: 6.124 min  
Delta R.T.: -0.006 min  
Response: 52168856  
Conc: 47.70 ng/ml



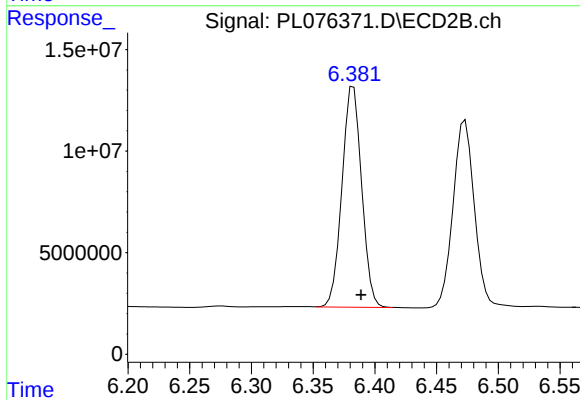
#7 delta-BHC

R.T.: 7.143 min  
Delta R.T.: -0.002 min  
Response: 40158627  
Conc: 59.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

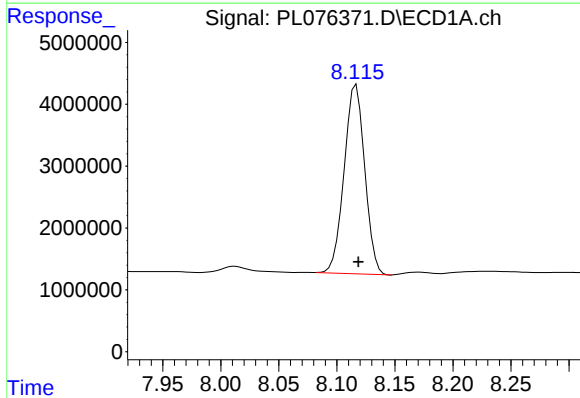
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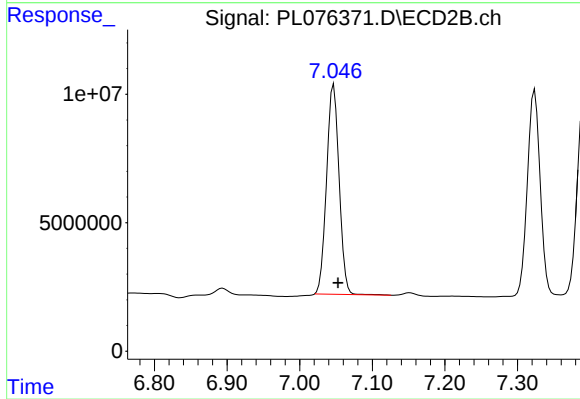
#7 delta-BHC

R.T.: 6.381 min  
Delta R.T.: -0.008 min  
Response: 120484838  
Conc: 50.35 ng/ml m



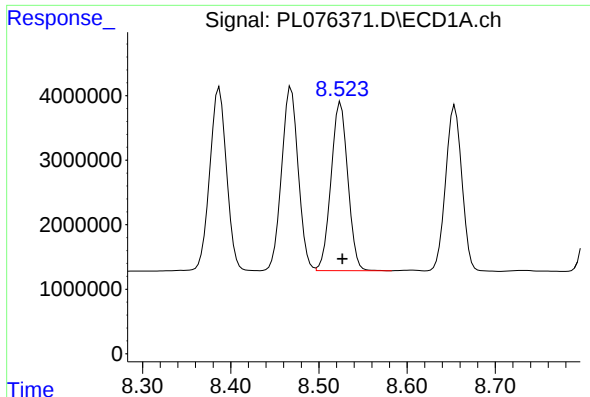
#8 Heptachlor epoxide

R.T.: 8.117 min  
Delta R.T.: -0.002 min  
Response: 37714763  
Conc: 48.44 ng/ml



#8 Heptachlor epoxide

R.T.: 7.047 min  
Delta R.T.: -0.006 min  
Response: 98230013  
Conc: 49.84 ng/ml



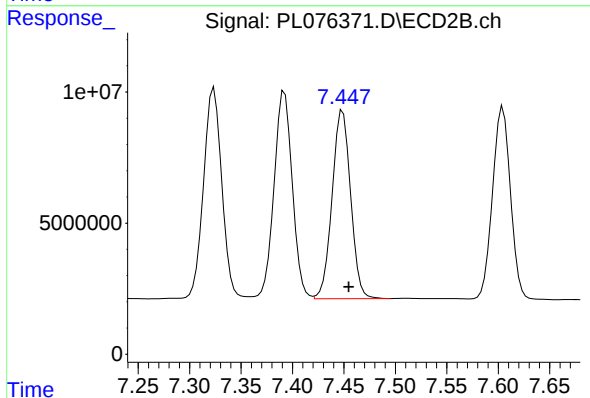
#9 Endosulfan I

R.T.: 8.525 min  
Delta R.T.: -0.002 min  
Response: 34650856  
Conc: 51.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

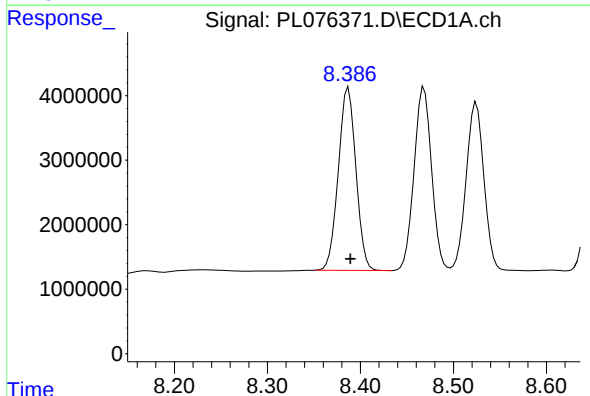
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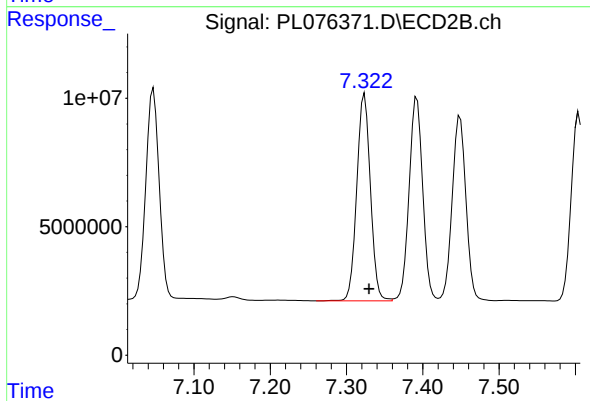
#9 Endosulfan I

R.T.: 7.449 min  
Delta R.T.: -0.006 min  
Response: 89962855  
Conc: 48.79 ng/ml



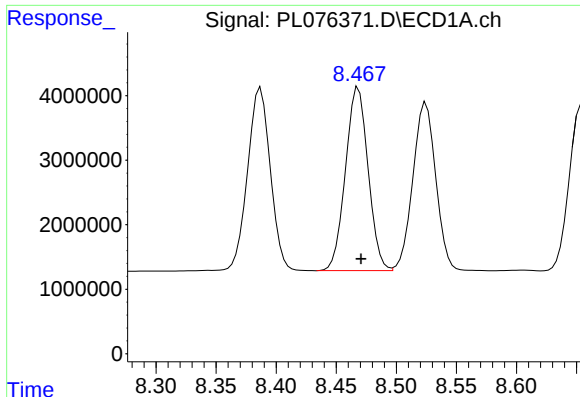
#10 gamma-Chlordane

R.T.: 8.387 min  
Delta R.T.: -0.002 min  
Response: 37247248  
Conc: 51.25 ng/ml



#10 gamma-Chlordane

R.T.: 7.324 min  
Delta R.T.: -0.006 min  
Response: 99860022  
Conc: 50.08 ng/ml



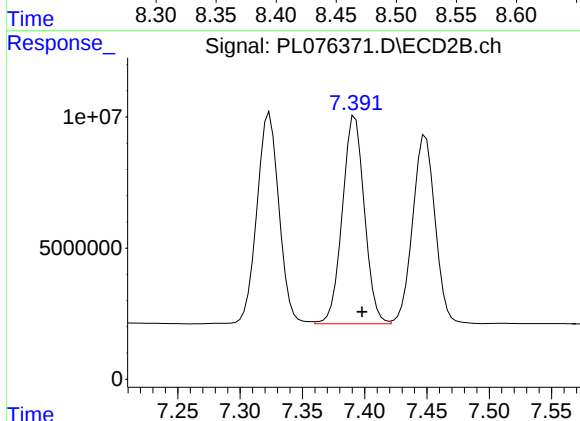
#11 alpha-Chlordane

R.T.: 8.469 min  
Delta R.T.: -0.002 min  
Response: 37323661  
Conc: 51.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

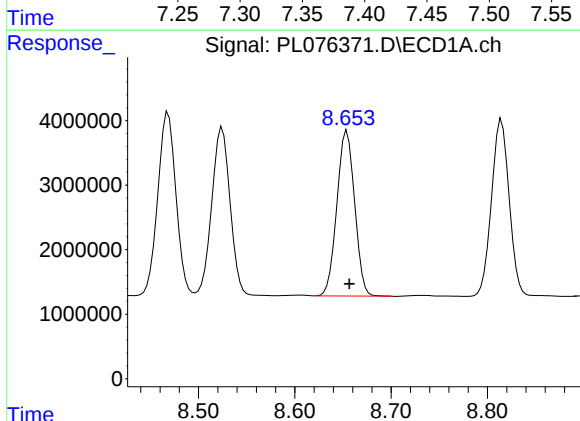
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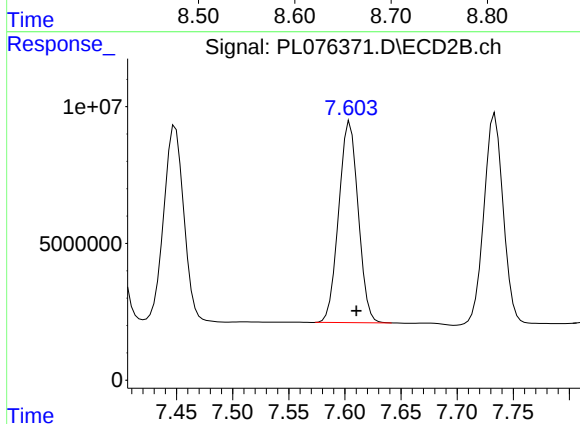
#11 alpha-Chlordane

R.T.: 7.392 min  
Delta R.T.: -0.006 min  
Response: 98067291  
Conc: 48.78 ng/ml



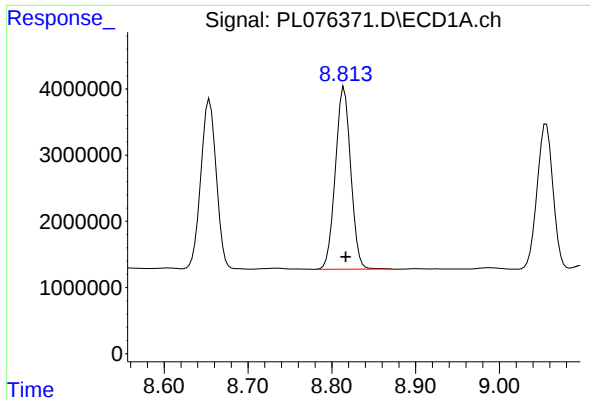
#12 4,4'-DDE

R.T.: 8.654 min  
Delta R.T.: -0.003 min  
Response: 32820881  
Conc: 52.94 ng/ml



#12 4,4'-DDE

R.T.: 7.603 min  
Delta R.T.: -0.007 min  
Response: 88866377  
Conc: 48.35 ng/ml m



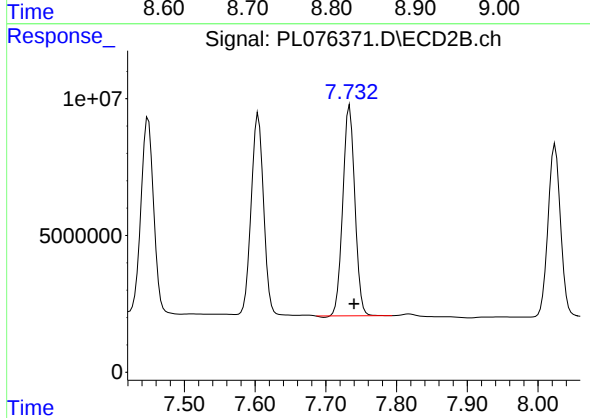
#13 Dieldrin

R.T.: 8.815 min  
Delta R.T.: -0.002 min  
Response: 35049405  
Conc: 51.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

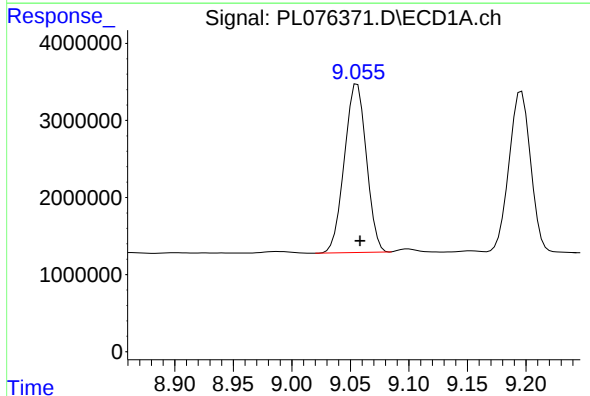
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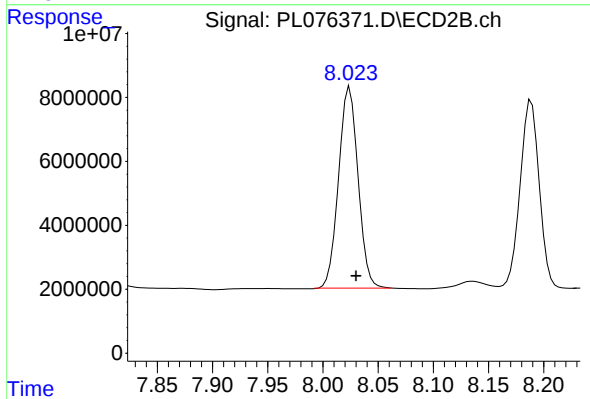
#13 Dieldrin

R.T.: 7.734 min  
Delta R.T.: -0.006 min  
Response: 90924698  
Conc: 48.07 ng/ml



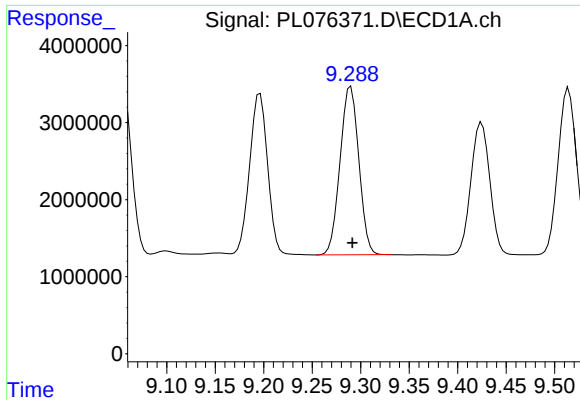
#14 Endrin

R.T.: 9.056 min  
Delta R.T.: -0.002 min  
Response: 28630612  
Conc: 49.76 ng/ml



#14 Endrin

R.T.: 8.023 min  
Delta R.T.: -0.007 min  
Response: 77270870  
Conc: 53.45 ng/ml m



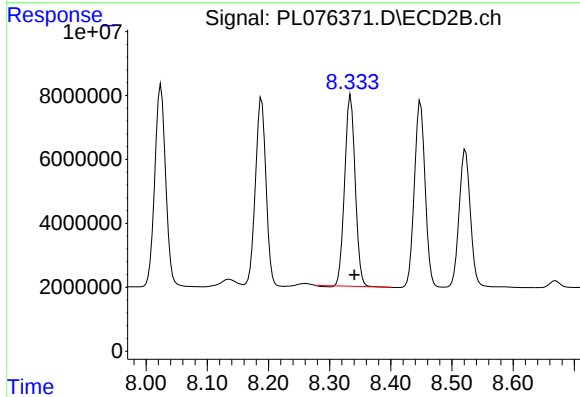
#15 Endosulfan II

R.T.: 9.290 min  
Delta R.T.: -0.002 min  
Response: 29356600  
Conc: 49.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

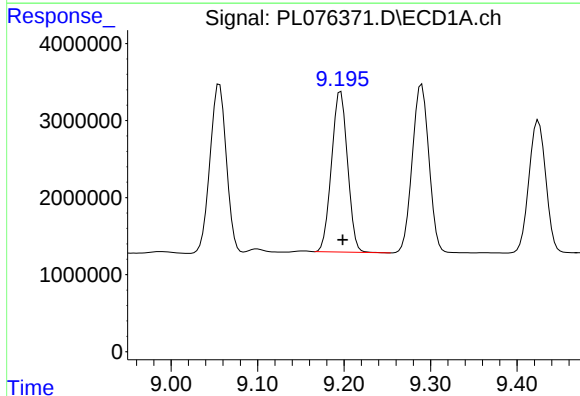
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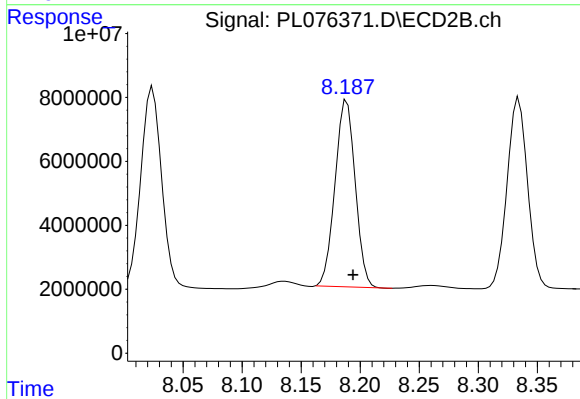
#15 Endosulfan II

R.T.: 8.334 min  
Delta R.T.: -0.006 min  
Response: 71316138  
Conc: 46.14 ng/ml



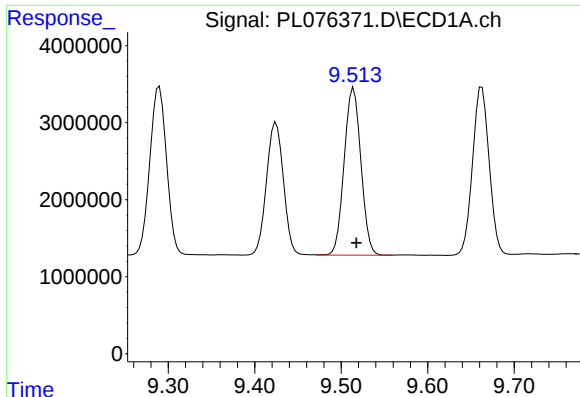
#16 4,4'-DDD

R.T.: 9.196 min  
Delta R.T.: -0.002 min  
Response: 26710738  
Conc: 51.12 ng/ml



#16 4,4'-DDD

R.T.: 8.189 min  
Delta R.T.: -0.005 min  
Response: 69427372  
Conc: 47.88 ng/ml



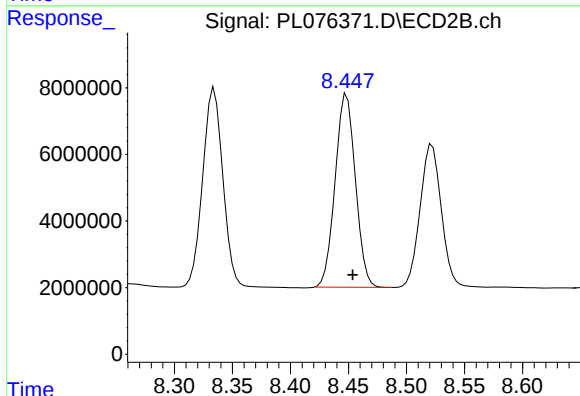
#17 4,4'-DDT

R.T.: 9.514 min  
Delta R.T.: -0.003 min  
Response: 29119373  
Conc: 49.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

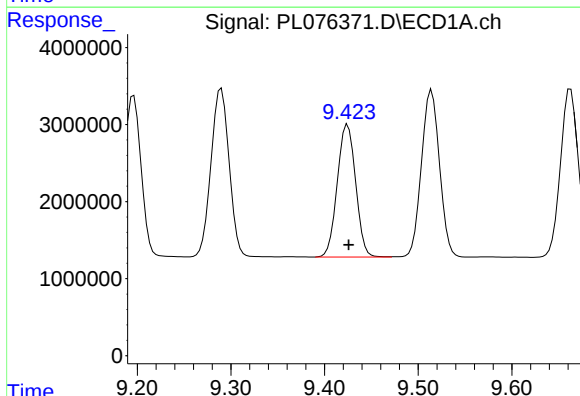
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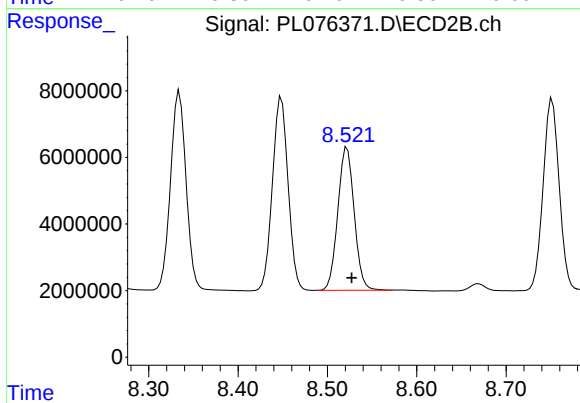
#17 4,4'-DDT

R.T.: 8.449 min  
Delta R.T.: -0.005 min  
Response: 70580420  
Conc: 45.14 ng/ml



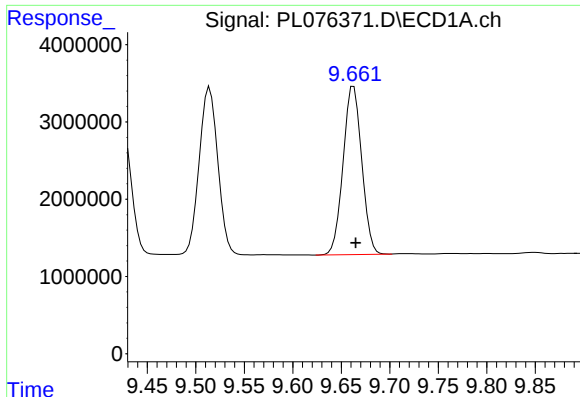
#18 Endrin aldehyde

R.T.: 9.425 min  
Delta R.T.: -0.001 min  
Response: 23501943  
Conc: 48.69 ng/ml



#18 Endrin aldehyde

R.T.: 8.522 min  
Delta R.T.: -0.005 min  
Response: 54605192  
Conc: 43.58 ng/ml



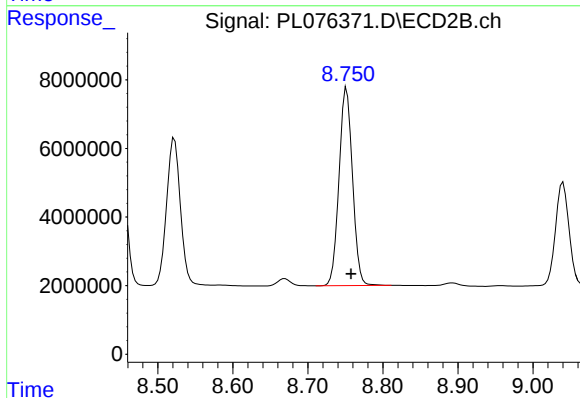
#19 Endosulfan Sulfate

R.T.: 9.663 min  
Delta R.T.: -0.002 min  
Response: 29084838  
Conc: 48.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

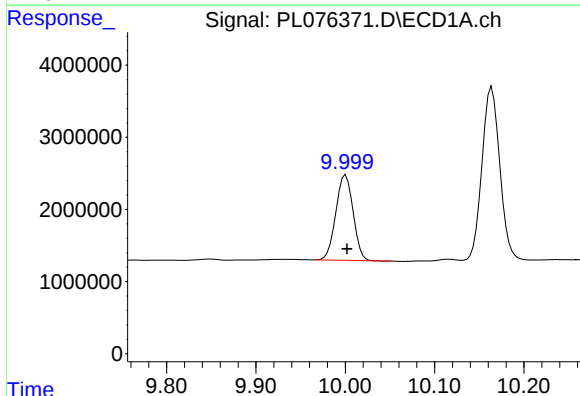
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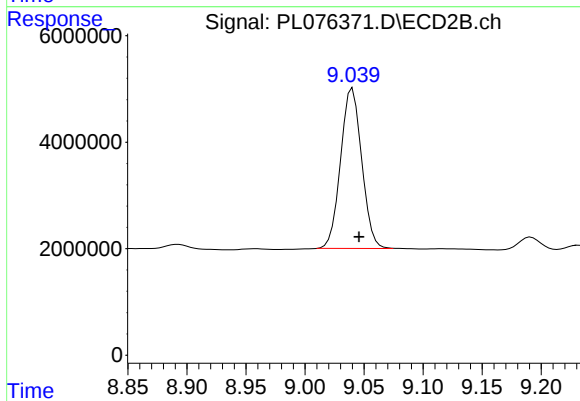
#19 Endosulfan Sulfate

R.T.: 8.752 min  
Delta R.T.: -0.006 min  
Response: 72079046  
Conc: 45.33 ng/ml



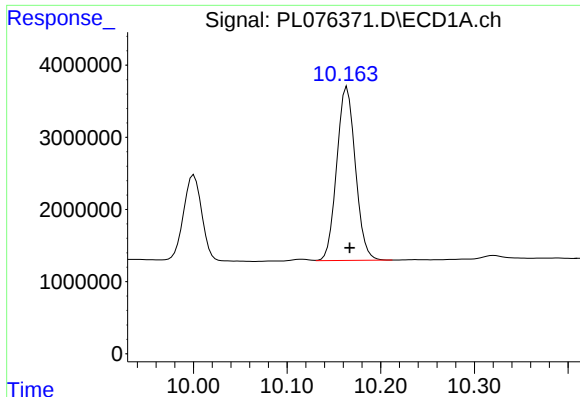
#20 Methoxychlor

R.T.: 10.001 min  
Delta R.T.: -0.002 min  
Response: 15909913  
Conc: 47.48 ng/ml



#20 Methoxychlor

R.T.: 9.039 min  
Delta R.T.: -0.007 min  
Response: 37404971  
Conc: 43.85 ng/ml m



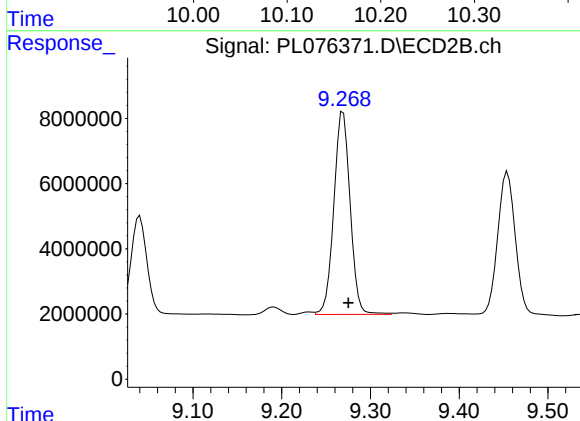
#21 Endrin ketone

R.T.: 10.164 min  
Delta R.T.: -0.003 min  
Response: 33295596  
Conc: 49.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

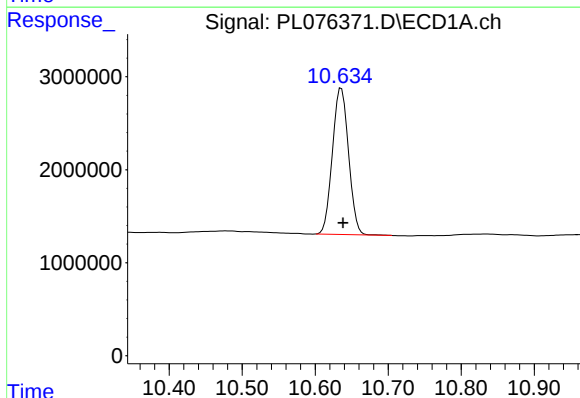
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/12/2022  
Supervised By :Ankita Jodhani 07/12/2022



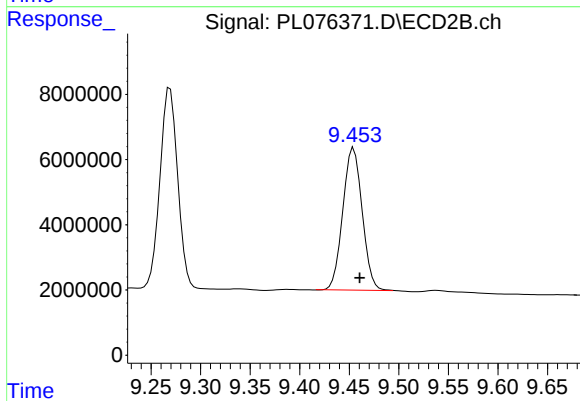
#21 Endrin ketone

R.T.: 9.269 min  
Delta R.T.: -0.006 min  
Response: 79425187  
Conc: 47.20 ng/ml



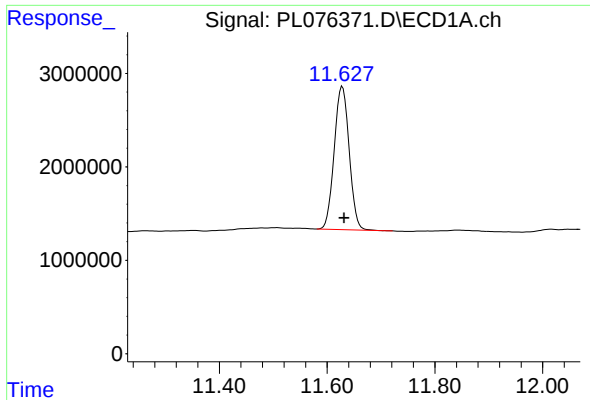
#22 Mirex

R.T.: 10.636 min  
Delta R.T.: -0.003 min  
Response: 24200382  
Conc: 47.32 ng/ml



#22 Mirex

R.T.: 9.453 min  
Delta R.T.: -0.007 min  
Response: 59363619  
Conc: 44.89 ng/ml m



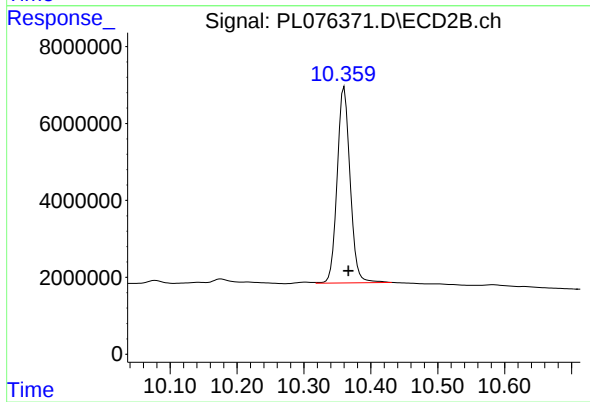
#28 Decachlorobiphenyl

R.T.: 11.628 min  
Delta R.T.: -0.003 min  
Response: 29518767  
Conc: 50.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/12/2022  
Supervised By :Ankita Jodhani 07/12/2022



#28 Decachlorobiphenyl

R.T.: 10.360 min  
Delta R.T.: -0.006 min  
Response: 68466145  
Conc: 40.80 ng/ml