

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021622\  
 Data File : PL072752.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Feb 2022 17:36  
 Operator : AR\AJ  
 Sample : PB142501BSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB142501BSD

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 02/17/2022  
 Supervised By : Ankita Jodhani 02/17/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 17 01:03:26 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020722.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 08 05:14:10 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... | 4.554  | 5.488  | 9232599  | 30520031 | 19.174  | 17.668  |
| 28)                         | SA Decachlor... | 10.311 | 11.377 | 16365742 | 34808766 | 21.618  | 21.951  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 5.259  | 6.069  | 31503054 | 110.0E6  | 47.779  | 45.947  |
| 3)                          | MA gamma-BHC... | 5.682  | 6.465  | 30488992 | 104.4E6  | 48.512  | 45.340  |
| 4)                          | MA Heptachlor   | 6.086  | 7.111  | 34385535 | 108.1E6  | 47.108m | 47.493  |
| 5)                          | MB Aldrin       | 6.411  | 7.480  | 32016361 | 103.7E6  | 49.587  | 48.494  |
| 6)                          | B beta-BHC      | 6.067  | 6.726  | 14760538 | 46602447 | 59.569m | 45.714  |
| 7)                          | B delta-BHC     | 6.325  | 6.991  | 30496739 | 103.6E6  | 46.059  | 45.205  |
| 8)                          | B Heptachlo...  | 6.988  | 7.948  | 31797605 | 96753929 | 50.436  | 50.150  |
| 9)                          | A Endosulfan I  | 7.390  | 8.353  | 30018579 | 88698879 | 51.309  | 50.700  |
| 10)                         | B gamma-Chl...  | 7.264  | 8.218  | 32729937 | 98583612 | 51.668m | 50.967  |
| 11)                         | B alpha-Chl...  | 7.334  | 8.298  | 32595271 | 96443045 | 51.188  | 50.760  |
| 12)                         | B 4,4'-DDE      | 7.549  | 8.489  | 31738132 | 93653634 | 52.226  | 50.107  |
| 13)                         | MA Dieldrin     | 7.676  | 8.642  | 32911390 | 95664196 | 52.116  | 51.331  |
| 14)                         | MA Endrin       | 7.968  | 8.881  | 29080955 | 78584838 | 49.643  | 49.875  |
| 15)                         | B Endosulfa...  | 8.280  | 9.117  | 30654340 | 82726476 | 50.385  | 49.203  |
| 16)                         | A 4,4'-DDD      | 8.136  | 9.030  | 26087995 | 71279923 | 54.226  | 51.511  |
| 17)                         | MA 4,4'-DDT     | 8.396  | 9.346  | 27555398 | 75848091 | 51.210  | 49.546  |
| 18)                         | B Endrin al...  | 8.469  | 9.253  | 25174389 | 66219365 | 57.755  | 58.837  |
| 19)                         | B Endosulfa...  | 8.700  | 9.490  | 30439955 | 77758830 | 51.151  | 51.979  |
| 20)                         | A Methoxychlor  | 8.992  | 9.832  | 17359878 | 39466402 | 49.371  | 48.745m |
| 21)                         | B Endrin ke...  | 9.216  | 9.987  | 39028404 | 85641763 | 56.787m | 53.751  |
| 22)                         | Mirex           | 9.398  | 10.449 | 34094319 | 70977761 | 57.470  | 60.463  |
| -----                       |                 |        |        |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021622\  
 Data File : PL072752.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Feb 2022 17:36  
 Operator : AR\AJ  
 Sample : PB142501BSD  
 Misc :  
 ALS Vial : 14 Sample Multiplier: 1

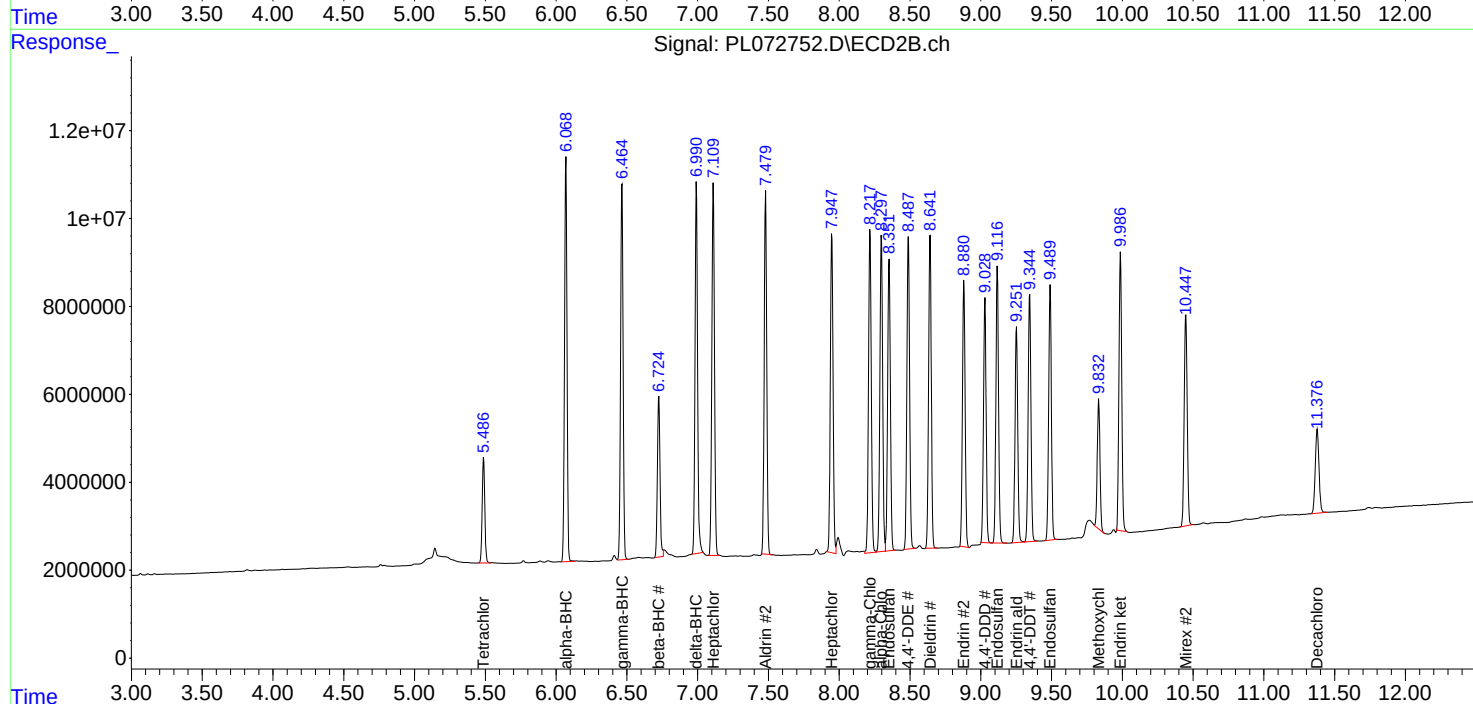
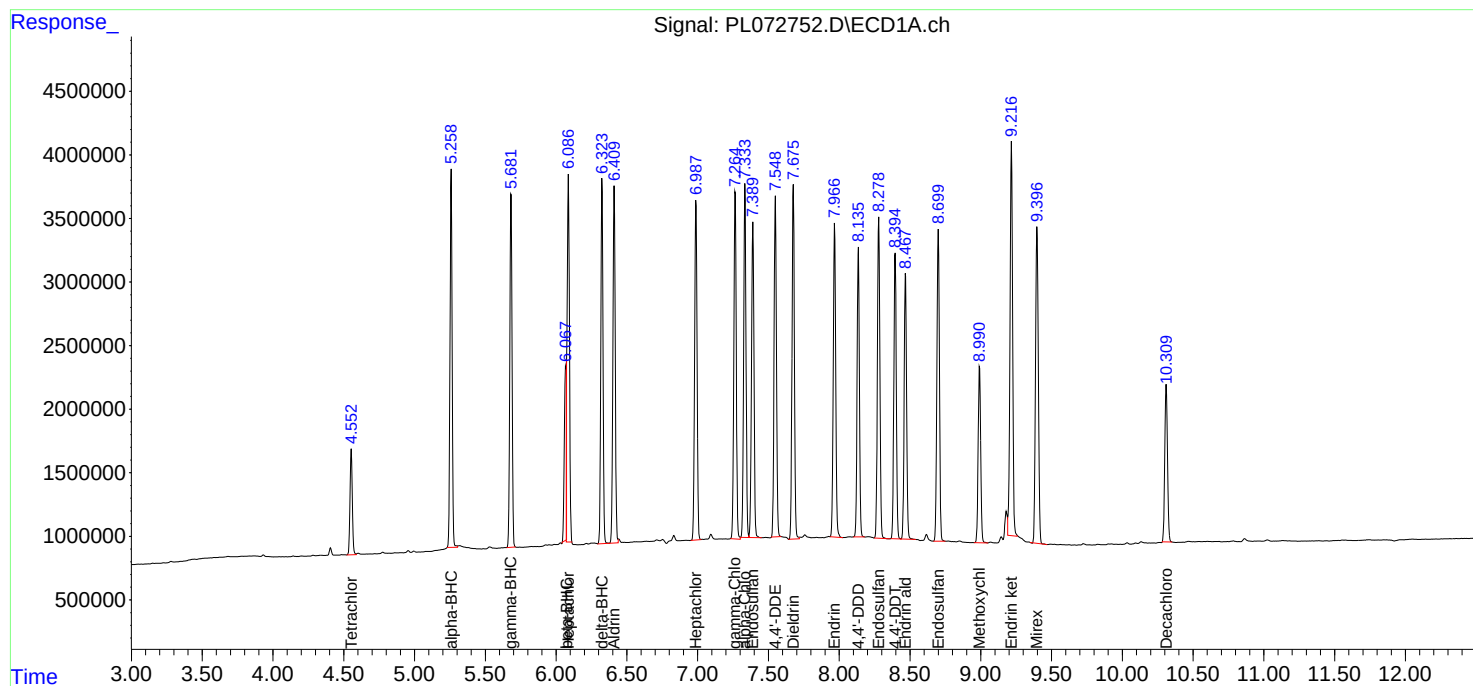
Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB142501BSD

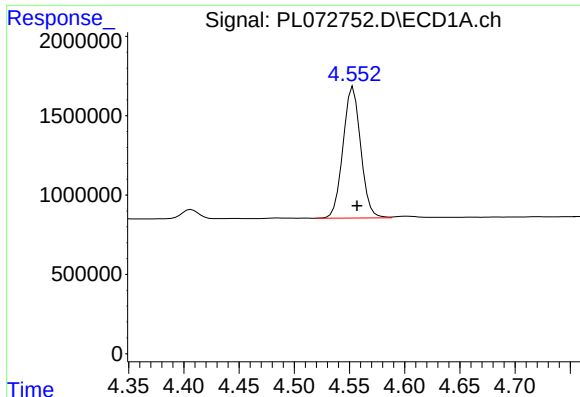
### Manual Integrations APPROVED

Reviewed By :Abdul Mirza 02/17/2022  
 Supervised By :Ankita Jodhani 02/17/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 17 01:03:26 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020722.M  
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Volume Inj. : 1 µl  
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





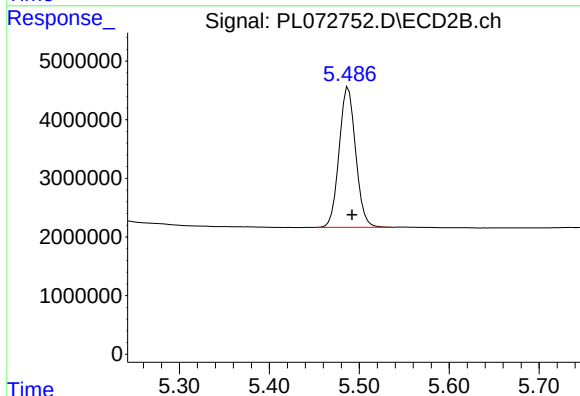
#1 Tetrachloro-m-xylene

R.T.: 4.554 min  
Delta R.T.: -0.003 min  
Response: 9232599  
Conc: 19.17 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142501BSD

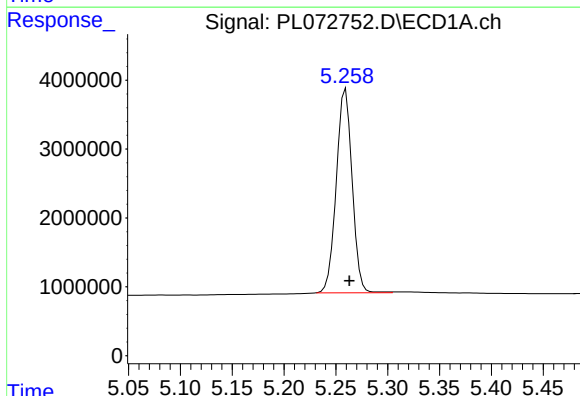
Manual Integrations  
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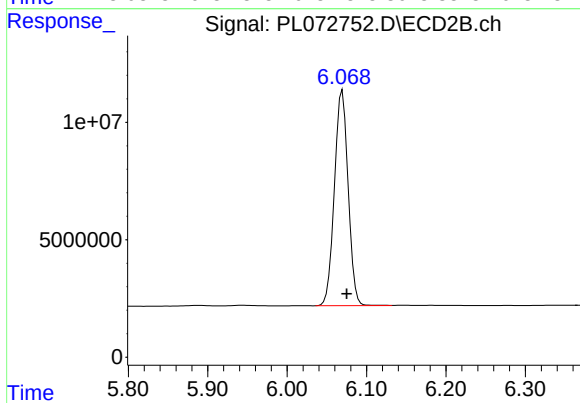
#1 Tetrachloro-m-xylene

R.T.: 5.488 min  
Delta R.T.: -0.004 min  
Response: 30520031  
Conc: 17.67 ng/ml



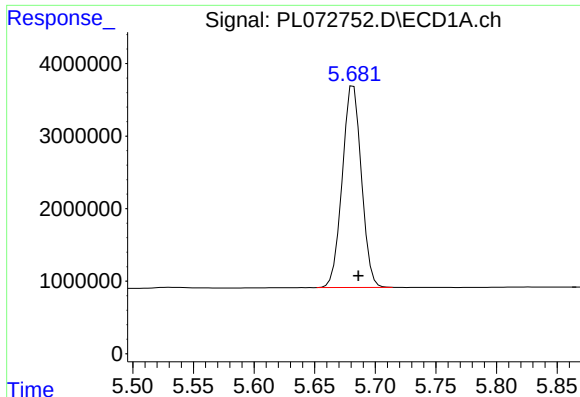
#2 alpha-BHC

R.T.: 5.259 min  
Delta R.T.: -0.004 min  
Response: 31503054  
Conc: 47.78 ng/ml



#2 alpha-BHC

R.T.: 6.069 min  
Delta R.T.: -0.006 min  
Response: 110030369  
Conc: 45.95 ng/ml



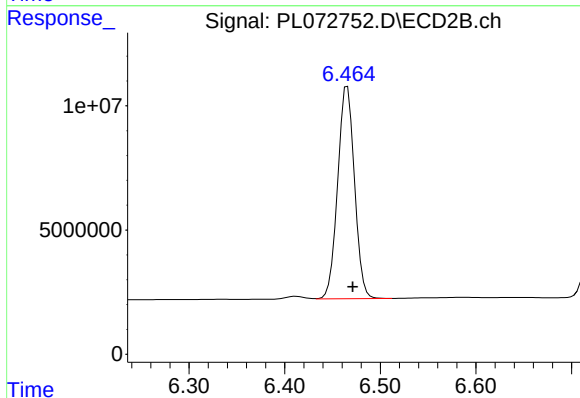
#3 gamma-BHC (Lindane)

R.T.: 5.682 min  
Delta R.T.: -0.004 min  
Response: 30488992  
Conc: 48.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142501BSD

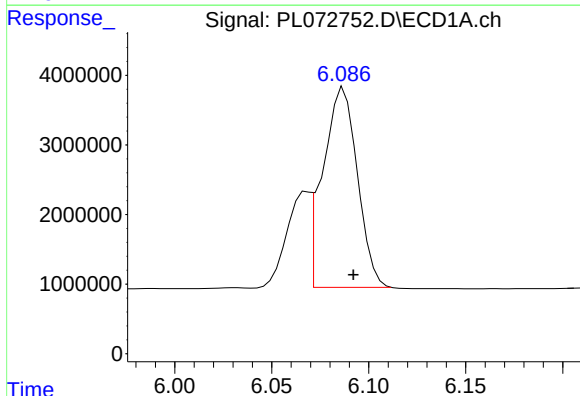
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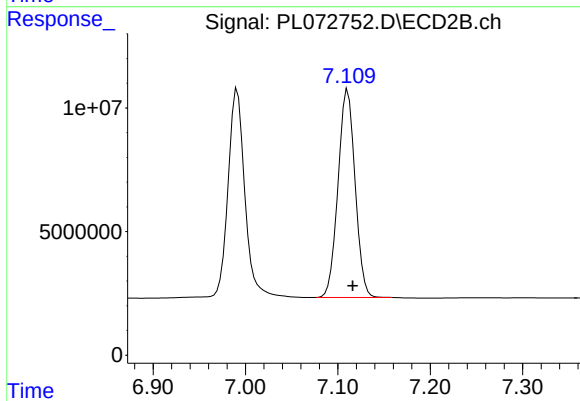
#3 gamma-BHC (Lindane)

R.T.: 6.465 min  
Delta R.T.: -0.006 min  
Response: 104394083  
Conc: 45.34 ng/ml



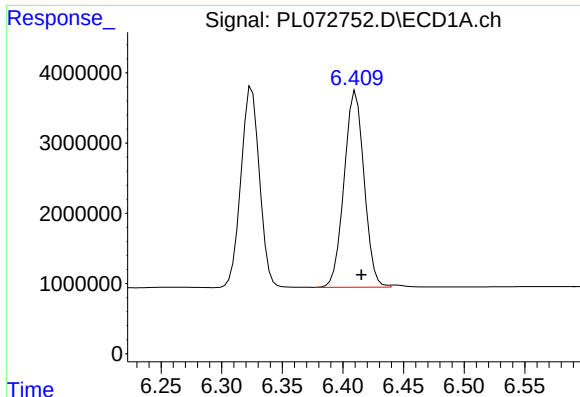
#4 Heptachlor

R.T.: 6.086 min  
Delta R.T.: -0.006 min  
Response: 34385535  
Conc: 47.11 ng/ml m



#4 Heptachlor

R.T.: 7.111 min  
Delta R.T.: -0.005 min  
Response: 108133736  
Conc: 47.49 ng/ml



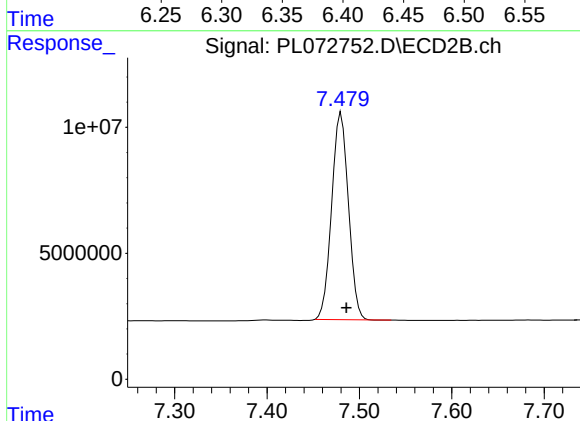
#5 Aldrin

R.T.: 6.411 min  
Delta R.T.: -0.005 min  
Response: 32016361  
Conc: 49.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142501BSD

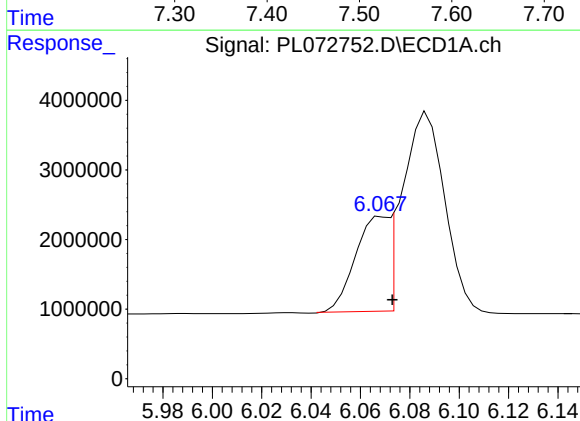
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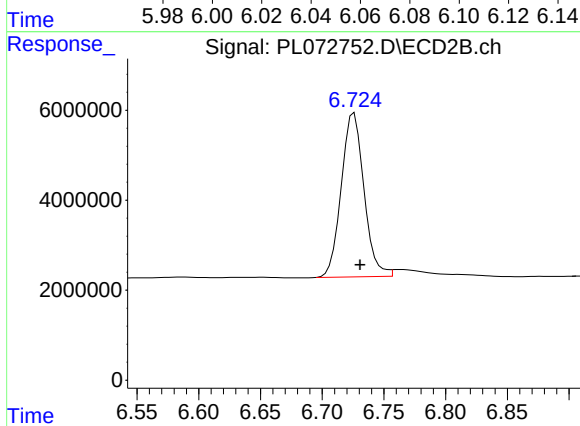
#5 Aldrin

R.T.: 7.480 min  
Delta R.T.: -0.006 min  
Response: 103669433  
Conc: 48.49 ng/ml



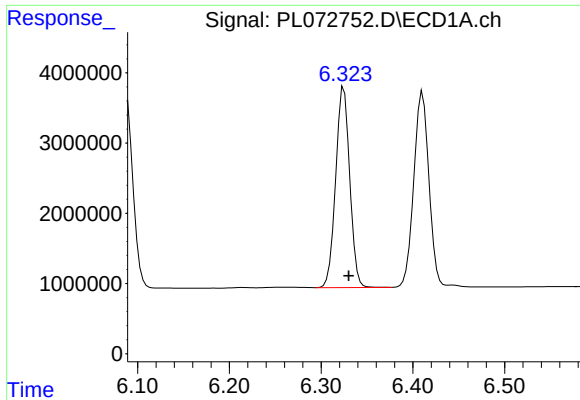
#6 beta-BHC

R.T.: 6.067 min  
Delta R.T.: -0.006 min  
Response: 14760538  
Conc: 59.57 ng/ml m



#6 beta-BHC

R.T.: 6.726 min  
Delta R.T.: -0.005 min  
Response: 46602447  
Conc: 45.71 ng/ml



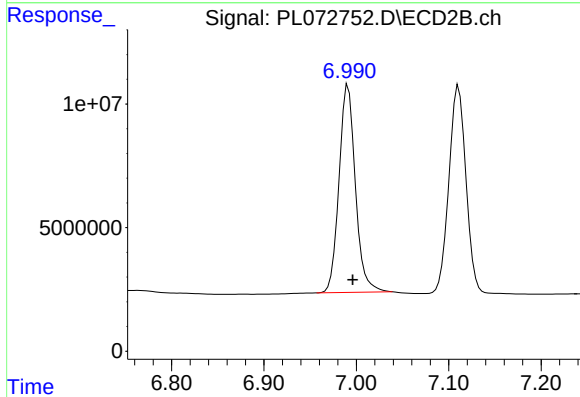
#7 delta-BHC

R.T.: 6.325 min  
Delta R.T.: -0.005 min  
Response: 30496739  
Conc: 46.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142501BSD

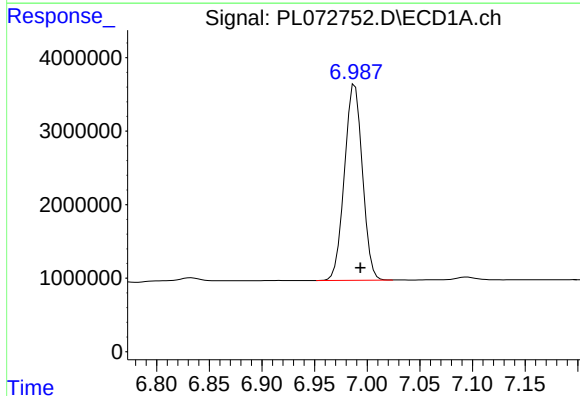
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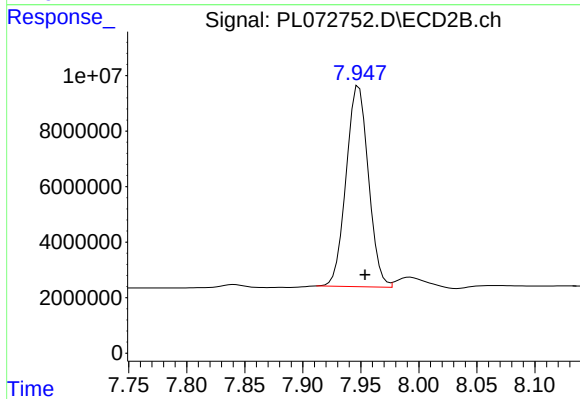
#7 delta-BHC

R.T.: 6.991 min  
Delta R.T.: -0.005 min  
Response: 103565279  
Conc: 45.20 ng/ml



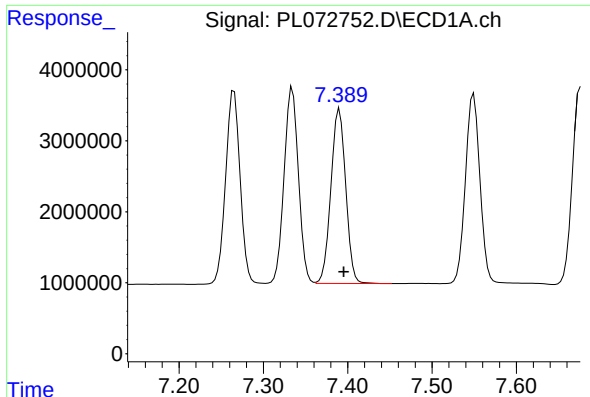
#8 Heptachlor epoxide

R.T.: 6.988 min  
Delta R.T.: -0.005 min  
Response: 31797605  
Conc: 50.44 ng/ml



#8 Heptachlor epoxide

R.T.: 7.948 min  
Delta R.T.: -0.005 min  
Response: 96753929  
Conc: 50.15 ng/ml



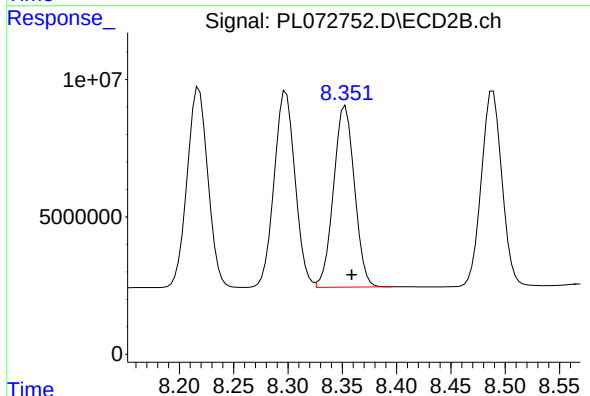
#9 Endosulfan I

R.T.: 7.390 min  
Delta R.T.: -0.005 min  
Response: 30018579  
Conc: 51.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142501BSD

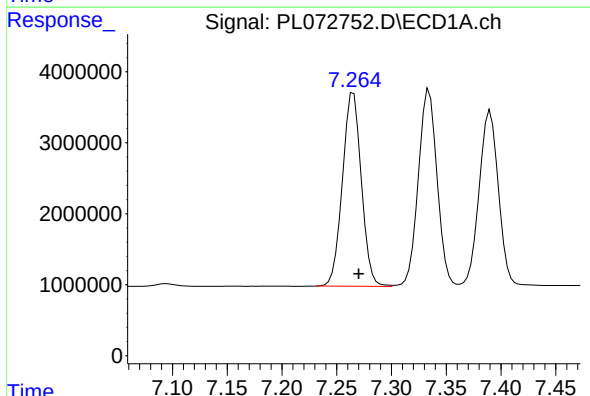
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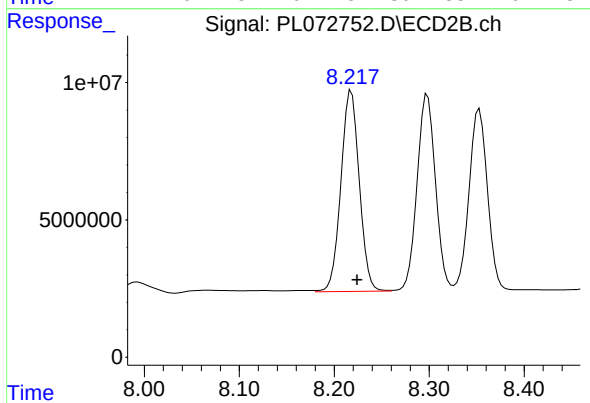
#9 Endosulfan I

R.T.: 8.353 min  
Delta R.T.: -0.006 min  
Response: 88698879  
Conc: 50.70 ng/ml



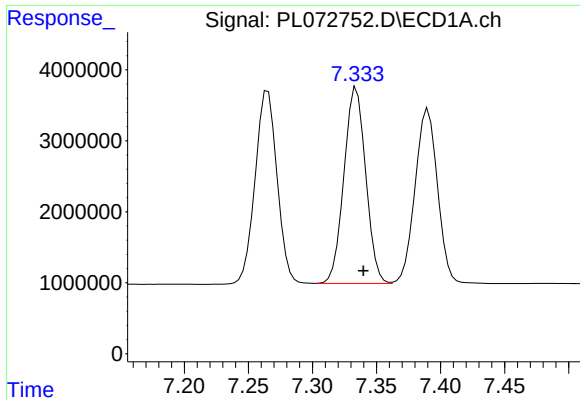
#10 gamma-Chlordane

R.T.: 7.264 min  
Delta R.T.: -0.006 min  
Response: 32729937  
Conc: 51.67 ng/ml m



#10 gamma-Chlordane

R.T.: 8.218 min  
Delta R.T.: -0.006 min  
Response: 98583612  
Conc: 50.97 ng/ml



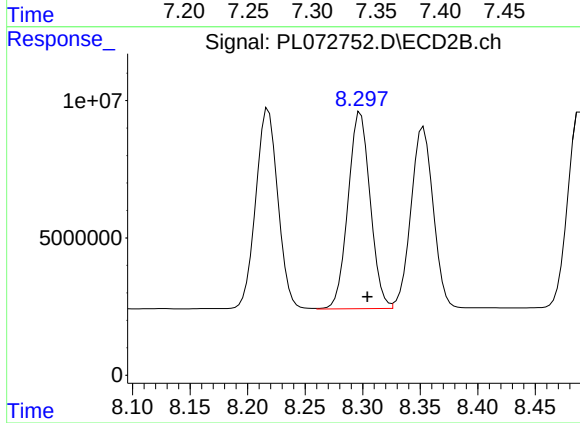
#11 alpha-Chlordane

R.T.: 7.334 min  
Delta R.T.: -0.005 min  
Response: 32595271  
Conc: 51.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142501BSD

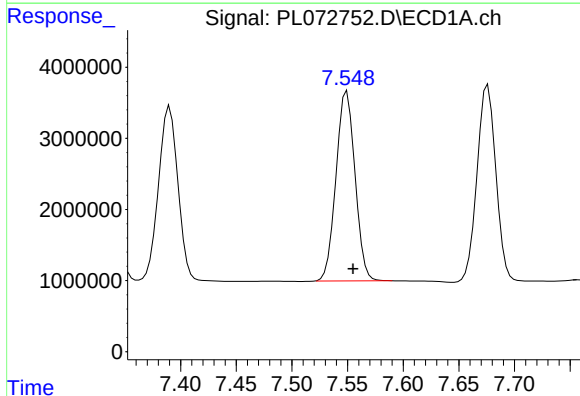
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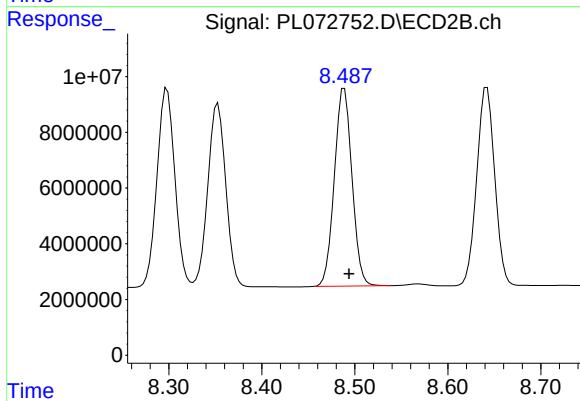
#11 alpha-Chlordane

R.T.: 8.298 min  
Delta R.T.: -0.006 min  
Response: 96443045  
Conc: 50.76 ng/ml



#12 4,4'-DDE

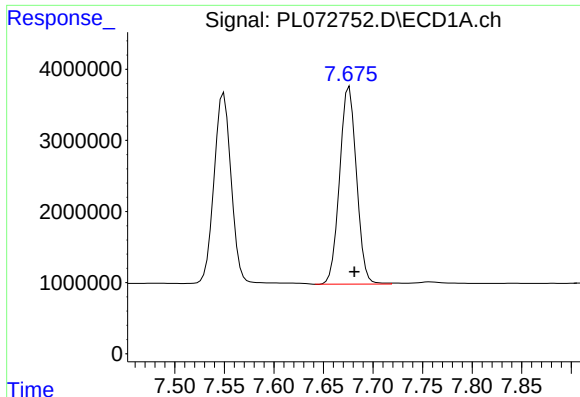
R.T.: 7.549 min  
Delta R.T.: -0.005 min  
Response: 31738132  
Conc: 52.23 ng/ml



#12 4,4'-DDE

R.T.: 8.489 min  
Delta R.T.: -0.005 min  
Response: 93653634  
Conc: 50.11 ng/ml





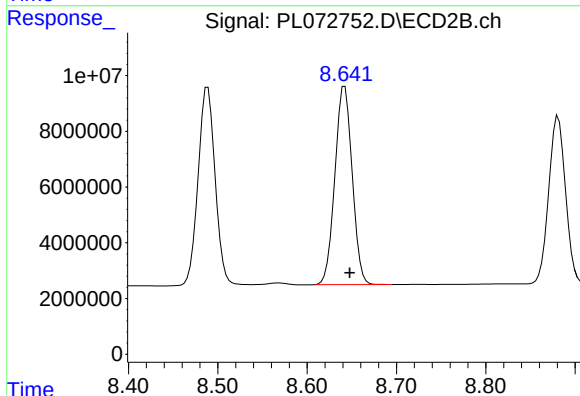
#13 Dieldrin

R.T.: 7.676 min  
Delta R.T.: -0.005 min  
Response: 32911390  
Conc: 52.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142501BSD

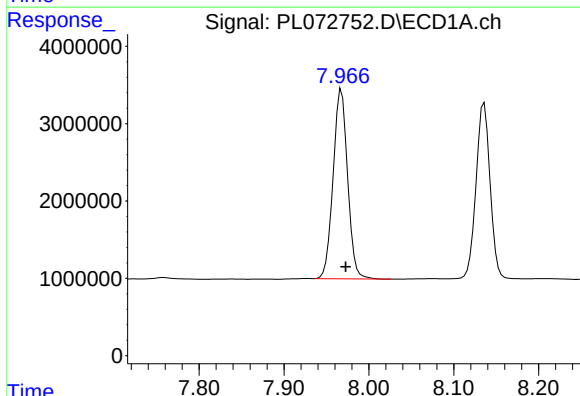
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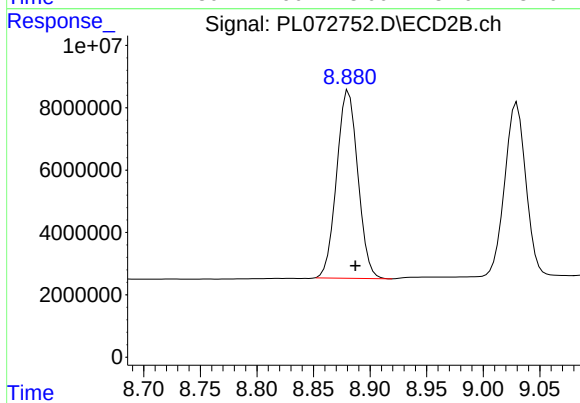
#13 Dieldrin

R.T.: 8.642 min  
Delta R.T.: -0.006 min  
Response: 95664196  
Conc: 51.33 ng/ml



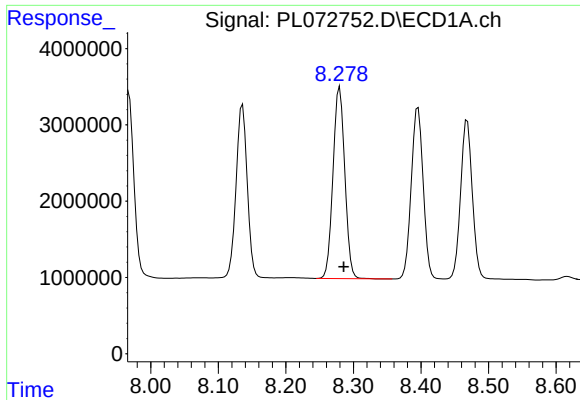
#14 Endrin

R.T.: 7.968 min  
Delta R.T.: -0.005 min  
Response: 29080955  
Conc: 49.64 ng/ml



#14 Endrin

R.T.: 8.881 min  
Delta R.T.: -0.006 min  
Response: 78584838  
Conc: 49.87 ng/ml



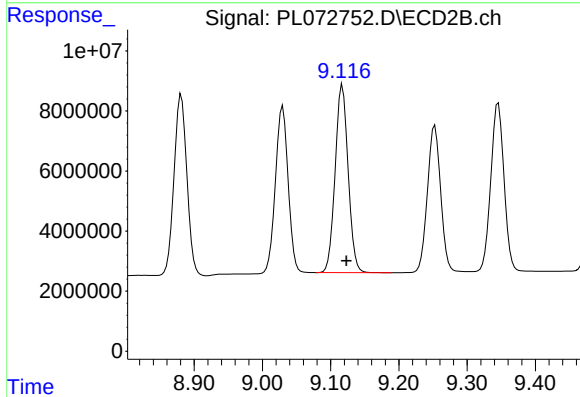
#15 Endosulfan II

R.T.: 8.280 min  
Delta R.T.: -0.006 min  
Response: 30654340  
Conc: 50.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142501BSD

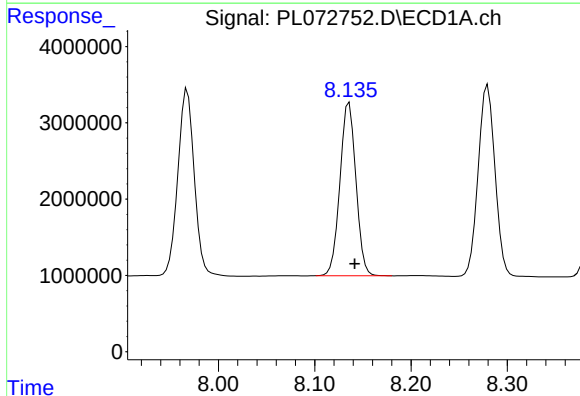
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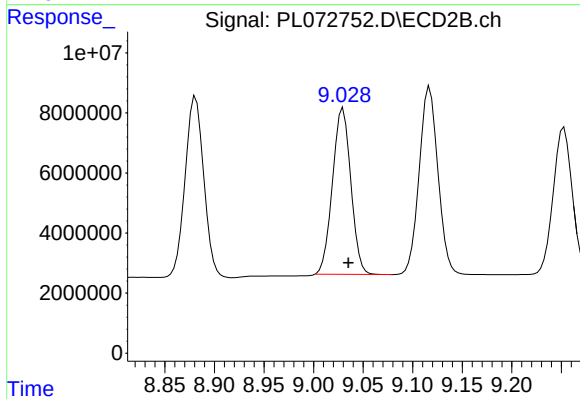
#15 Endosulfan II

R.T.: 9.117 min  
Delta R.T.: -0.006 min  
Response: 82726476  
Conc: 49.20 ng/ml



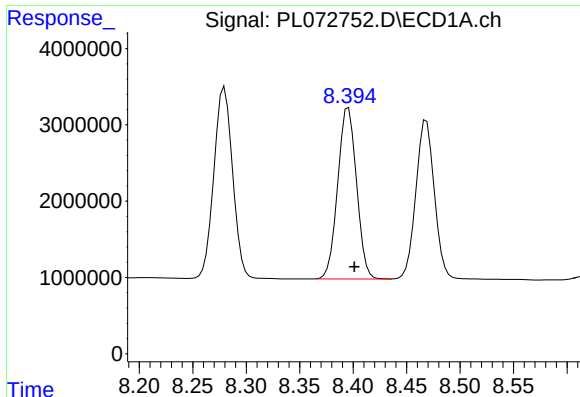
#16 4,4'-DDD

R.T.: 8.136 min  
Delta R.T.: -0.006 min  
Response: 26087995  
Conc: 54.23 ng/ml



#16 4,4'-DDD

R.T.: 9.030 min  
Delta R.T.: -0.005 min  
Response: 71279923  
Conc: 51.51 ng/ml



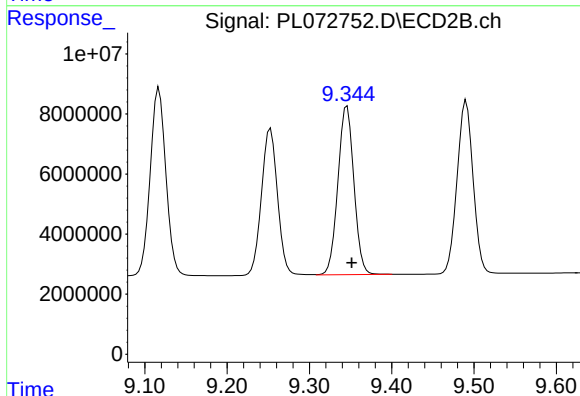
#17 4,4'-DDT

R.T.: 8.396 min  
Delta R.T.: -0.006 min  
Response: 27555398  
Conc: 51.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142501BSD

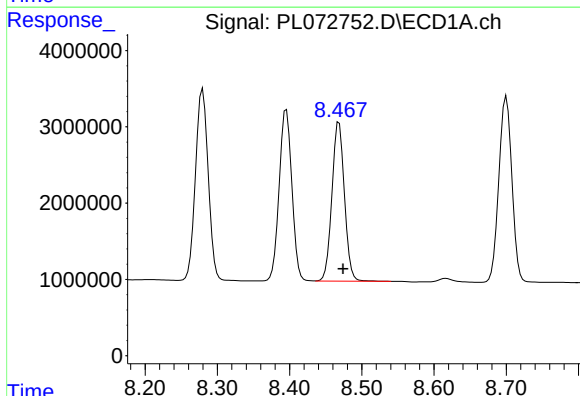
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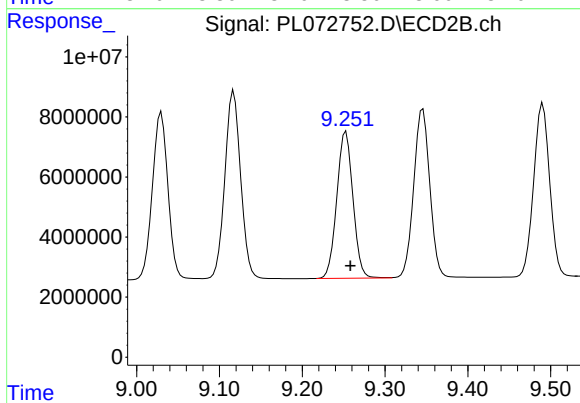
#17 4,4'-DDT

R.T.: 9.346 min  
Delta R.T.: -0.006 min  
Response: 75848091  
Conc: 49.55 ng/ml



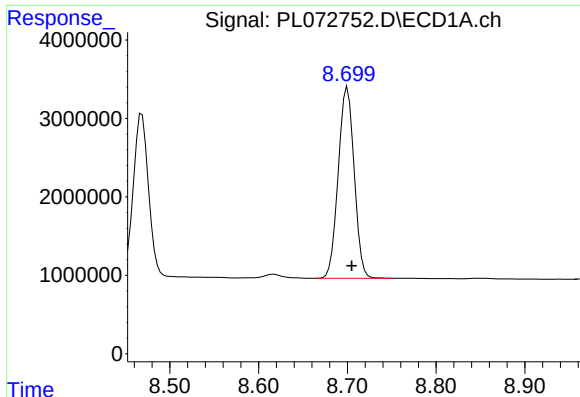
#18 Endrin aldehyde

R.T.: 8.469 min  
Delta R.T.: -0.006 min  
Response: 25174389  
Conc: 57.75 ng/ml



#18 Endrin aldehyde

R.T.: 9.253 min  
Delta R.T.: -0.006 min  
Response: 66219365  
Conc: 58.84 ng/ml



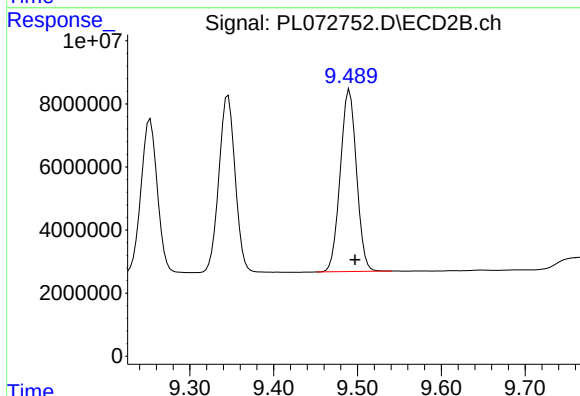
#19 Endosulfan Sulfate

R.T.: 8.700 min  
Delta R.T.: -0.005 min  
Response: 30439955  
Conc: 51.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142501BSD

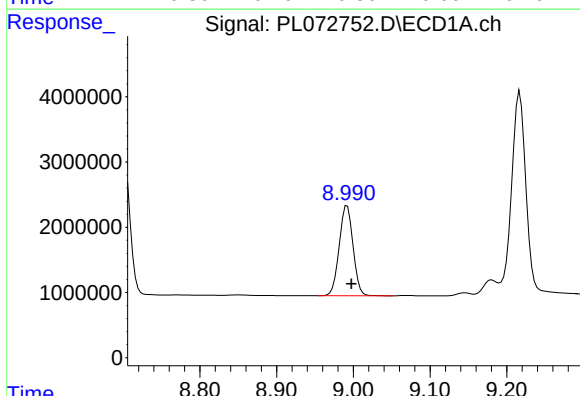
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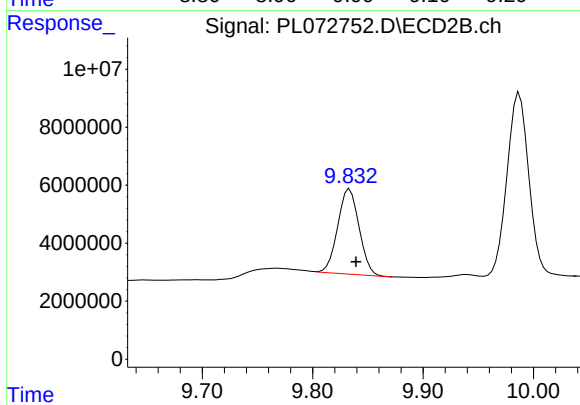
#19 Endosulfan Sulfate

R.T.: 9.490 min  
Delta R.T.: -0.007 min  
Response: 77758830  
Conc: 51.98 ng/ml



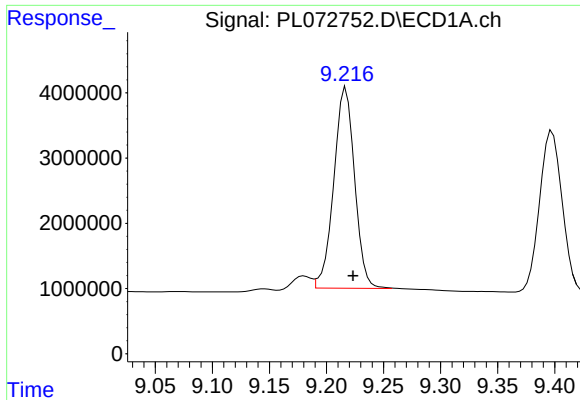
#20 Methoxychlor

R.T.: 8.992 min  
Delta R.T.: -0.005 min  
Response: 17359878  
Conc: 49.37 ng/ml



#20 Methoxychlor

R.T.: 9.832 min  
Delta R.T.: -0.007 min  
Response: 39466402  
Conc: 48.74 ng/ml m



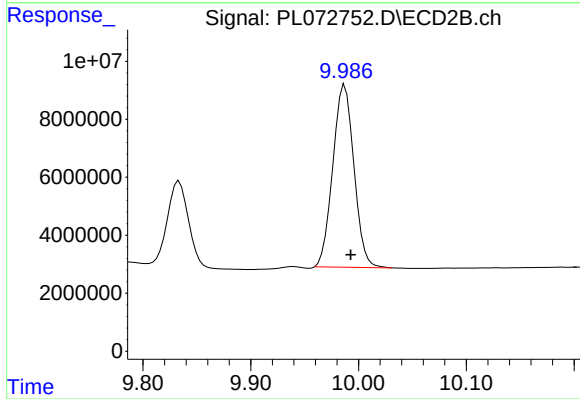
#21 Endrin ketone

R.T.: 9.216 min  
Delta R.T.: -0.007 min  
Response: 39028404  
Conc: 56.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142501BSD

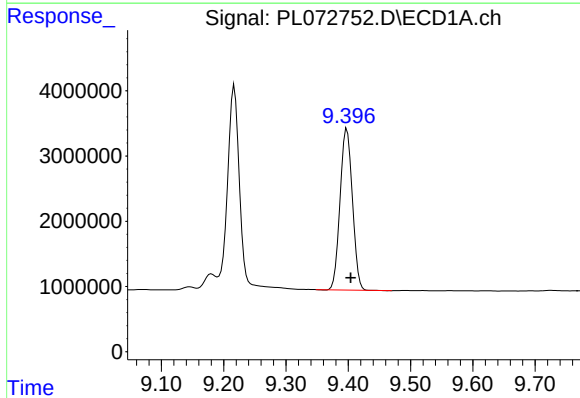
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/17/2022  
Supervised By :Ankita Jodhani 02/17/2022



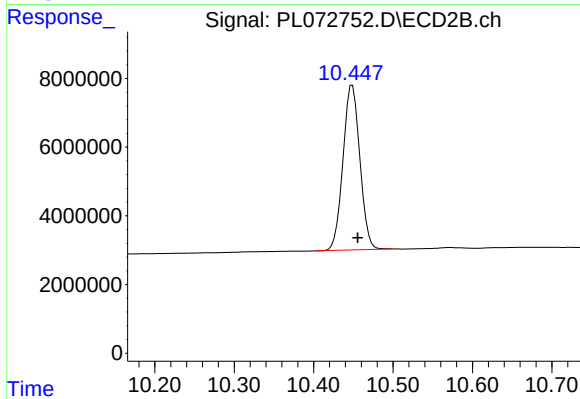
#21 Endrin ketone

R.T.: 9.987 min  
Delta R.T.: -0.006 min  
Response: 85641763  
Conc: 53.75 ng/ml



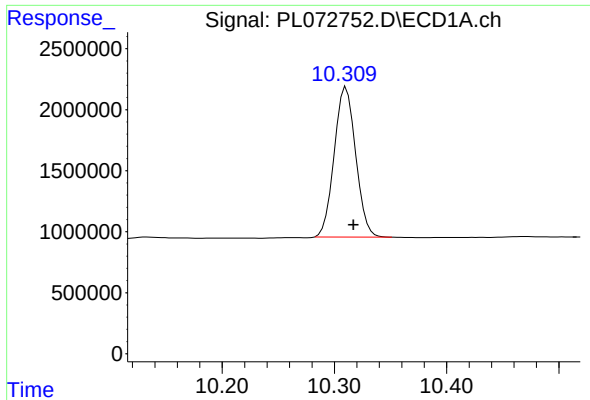
#22 Mirex

R.T.: 9.398 min  
Delta R.T.: -0.006 min  
Response: 34094319  
Conc: 57.47 ng/ml



#22 Mirex

R.T.: 10.449 min  
Delta R.T.: -0.007 min  
Response: 70977761  
Conc: 60.46 ng/ml



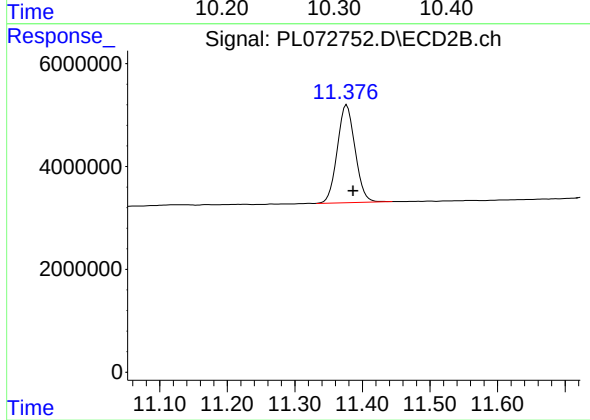
#28 Decachlorobiphenyl

R.T.: 10.311 min  
Delta R.T.: -0.006 min  
Response: 16365742  
Conc: 21.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB142501BSD

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/17/2022  
Supervised By :Ankita Jodhani 02/17/2022



#28 Decachlorobiphenyl

R.T.: 11.377 min  
Delta R.T.: -0.009 min  
Response: 34808766  
Conc: 21.95 ng/ml