

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021122\  
 Data File : PL072615.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Feb 2022 14:18  
 Operator : AR\AJ  
 Sample : N1489-01MS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 COMP-1MS

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 02/14/2022  
 Supervised By : Ankita Jodhani 02/14/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 12 00:41:35 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... | 4.555  | 5.491  | 4265168  | 14013973 | 8.858   | 8.113  |
| 28)                         | SA Decachlor... | 10.317 | 11.385 | 7433786  | 15009790 | 9.819   | 9.465  |
| Target Compounds            |                 |        |        |          |          |         |        |
| 2)                          | A alpha-BHC     | 5.262  | 6.073  | 34071445 | 120.8E6  | 51.674  | 50.430 |
| 3)                          | MA gamma-BHC... | 5.685  | 6.470  | 33546743 | 114.2E6  | 53.377  | 49.615 |
| 4)                          | MA Heptachlor   | 6.091  | 7.115  | 39757482 | 116.9E6  | 54.468  | 51.342 |
| 5)                          | MB Aldrin       | 6.415  | 7.486  | 36605833 | 112.9E6  | 56.696  | 52.815 |
| 6)                          | B beta-BHC      | 6.070  | 6.730  | 15943532 | 49927996 | 64.343m | 48.977 |
| 7)                          | B delta-BHC     | 6.329  | 6.996  | 35495352 | 115.6E6  | 53.608  | 50.437 |
| 8)                          | B Heptachlo...  | 6.993  | 7.954  | 35849216 | 102.9E6  | 56.863  | 53.343 |
| 9)                          | A Endosulfan I  | 7.395  | 8.359  | 33763821 | 93514271 | 57.711  | 53.452 |
| 10)                         | B gamma-Chl...  | 7.270  | 8.223  | 36640912 | 103.7E6  | 57.842  | 53.636 |
| 11)                         | B alpha-Chl...  | 7.339  | 8.304  | 36775650 | 101.6E6  | 57.753  | 53.477 |
| 12)                         | B 4,4'-DDE      | 7.554  | 8.494  | 36085720 | 99782299 | 59.380  | 53.386 |
| 13)                         | MA Dieldrin     | 7.681  | 8.648  | 36701336 | 100.7E6  | 58.118  | 54.012 |
| 14)                         | MA Endrin       | 7.972  | 8.887  | 35328180 | 86687539 | 60.307  | 55.017 |
| 15)                         | B Endosulfa...  | 8.285  | 9.123  | 34128430 | 86924497 | 56.095  | 51.700 |
| 16)                         | A 4,4'-DDD      | 8.141  | 9.035  | 28708954 | 76199237 | 59.674  | 55.066 |
| 17)                         | MA 4,4'-DDT     | 8.401  | 9.351  | 31996718 | 80576913 | 59.464  | 52.635 |
| 18)                         | B Endrin al...  | 8.474  | 9.258  | 27368937 | 67076846 | 62.789  | 59.599 |
| 19)                         | B Endosulfa...  | 8.705  | 9.496  | 33817018 | 80034041 | 56.826  | 53.500 |
| 20)                         | A Methoxychlor  | 8.997  | 9.839  | 19877305 | 43030303 | 56.530  | 53.147 |
| 21)                         | B Endrin ke...  | 9.222  | 9.992  | 38019878 | 85228852 | 55.320  | 53.492 |
| 22)                         | Mirex           | 9.404  | 10.455 | 37073071 | 70907239 | 62.492  | 60.403 |
| -----                       |                 |        |        |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021122\  
 Data File : PL072615.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Feb 2022 14:18  
 Operator : AR\AJ  
 Sample : N1489-01MS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

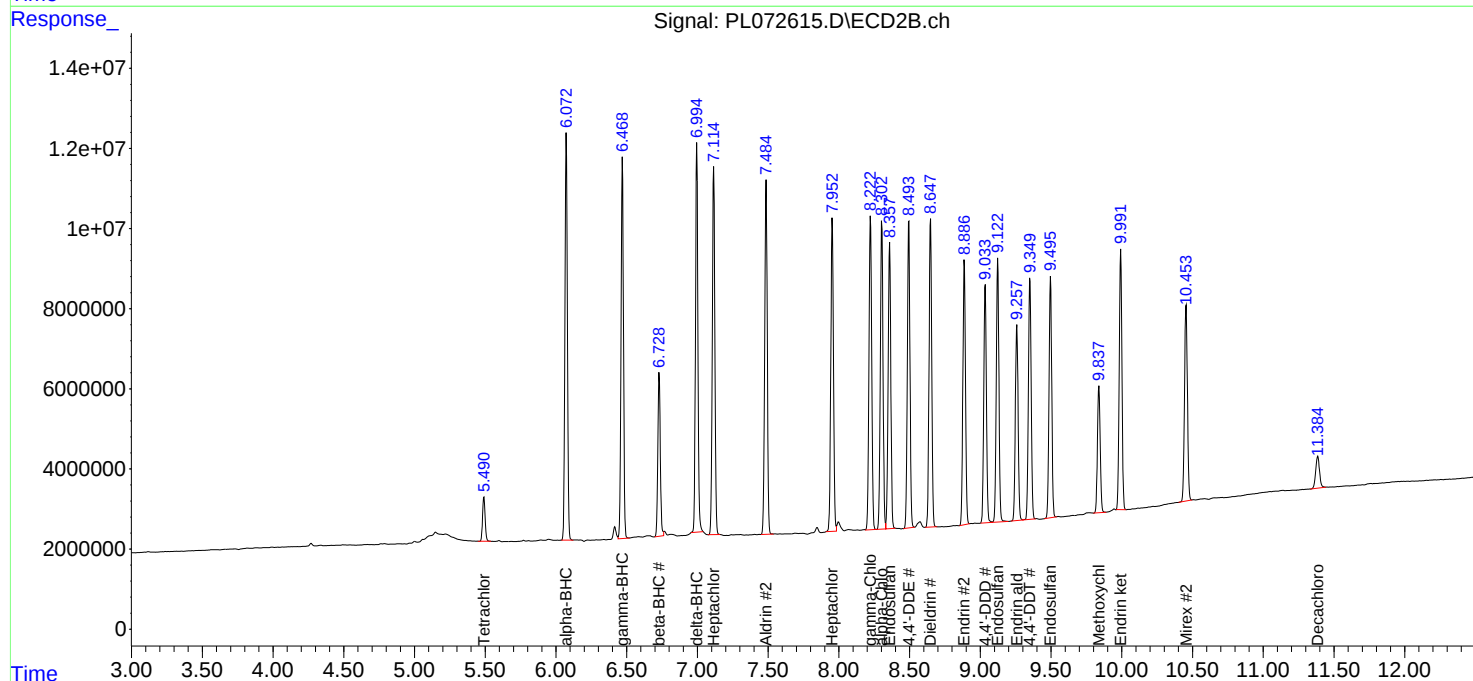
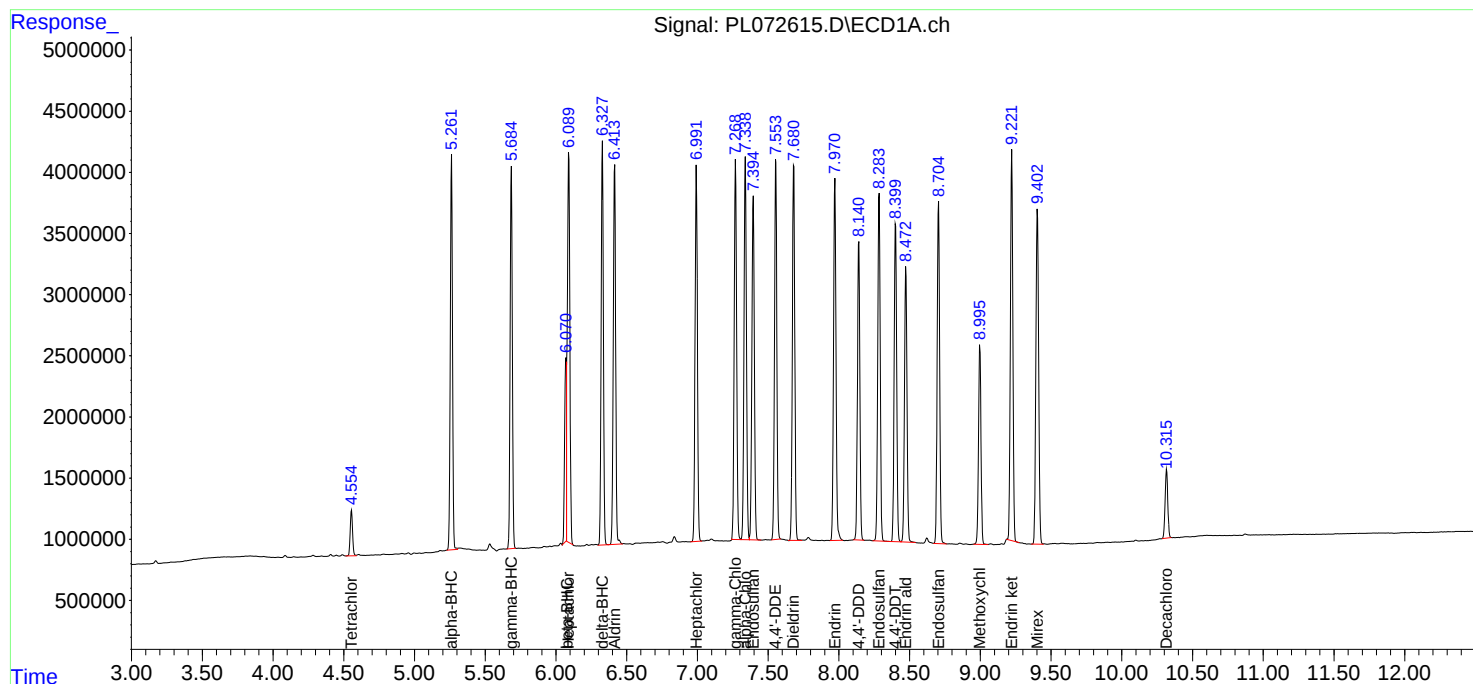
Instrument :  
 ECD\_L  
 ClientSampleId :  
 COMP-1MS

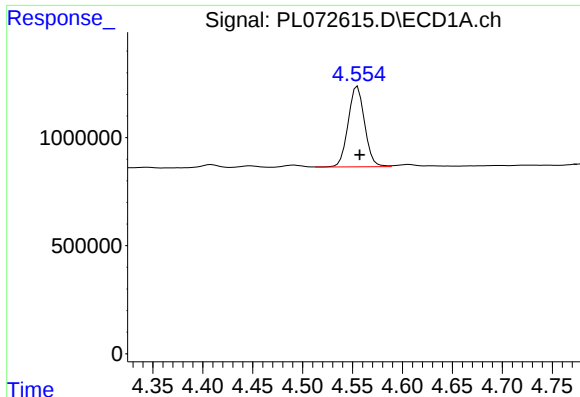
### Manual Integrations APPROVED

Reviewed By :Abdul Mirza 02/14/2022  
 Supervised By :Ankita Jodhani 02/14/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 12 00:41:35 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL020722.M  
 Quant Title : GC Extractables  
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 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





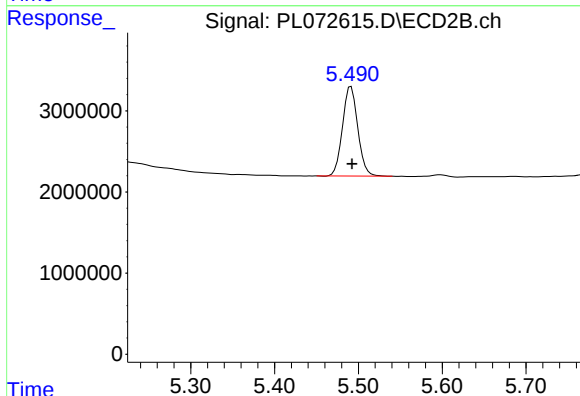
#1 Tetrachloro-m-xylene

R.T.: 4.555 min  
Delta R.T.: -0.002 min  
Response: 4265168  
Conc: 8.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-1MS

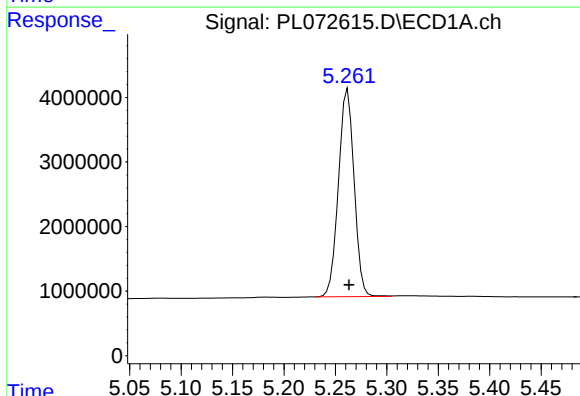
Manual Integrations  
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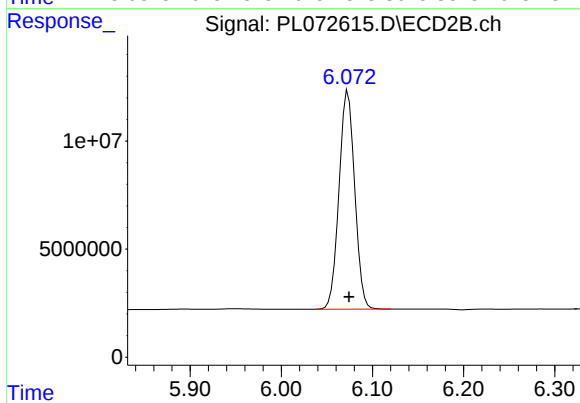
#1 Tetrachloro-m-xylene

R.T.: 5.491 min  
Delta R.T.: -0.001 min  
Response: 14013973  
Conc: 8.11 ng/ml



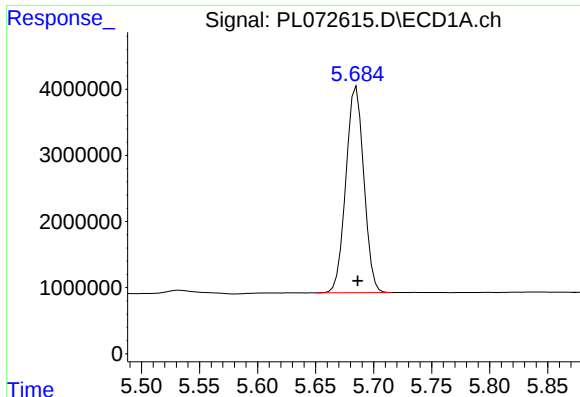
#2 alpha-BHC

R.T.: 5.262 min  
Delta R.T.: -0.001 min  
Response: 34071445  
Conc: 51.67 ng/ml



#2 alpha-BHC

R.T.: 6.073 min  
Delta R.T.: -0.001 min  
Response: 120766333  
Conc: 50.43 ng/ml



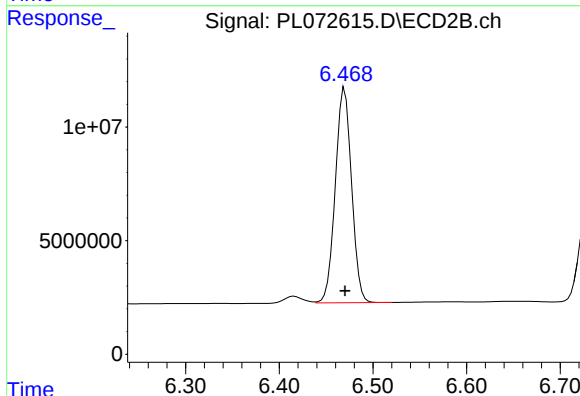
#3 gamma-BHC (Lindane)

R.T.: 5.685 min  
Delta R.T.: 0.000 min  
Response: 33546743  
Conc: 53.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-1MS

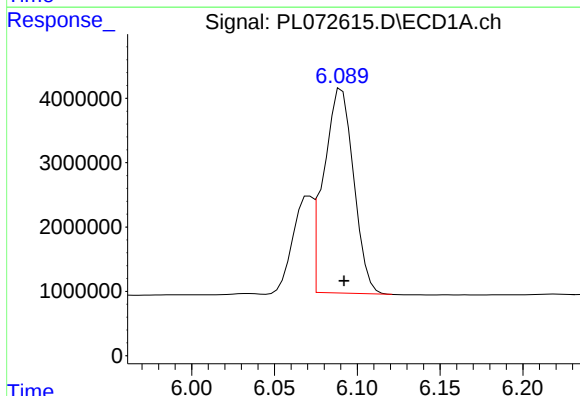
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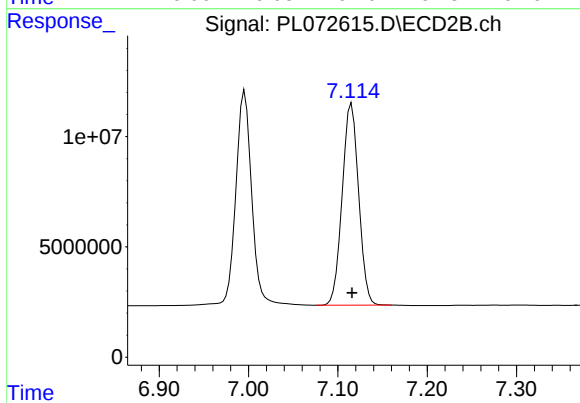
#3 gamma-BHC (Lindane)

R.T.: 6.470 min  
Delta R.T.: 0.000 min  
Response: 114235665  
Conc: 49.61 ng/ml



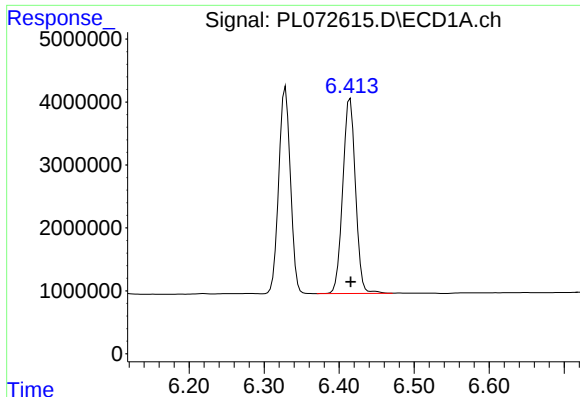
#4 Heptachlor

R.T.: 6.091 min  
Delta R.T.: -0.001 min  
Response: 39757482  
Conc: 54.47 ng/ml



#4 Heptachlor

R.T.: 7.115 min  
Delta R.T.: 0.000 min  
Response: 116898566  
Conc: 51.34 ng/ml



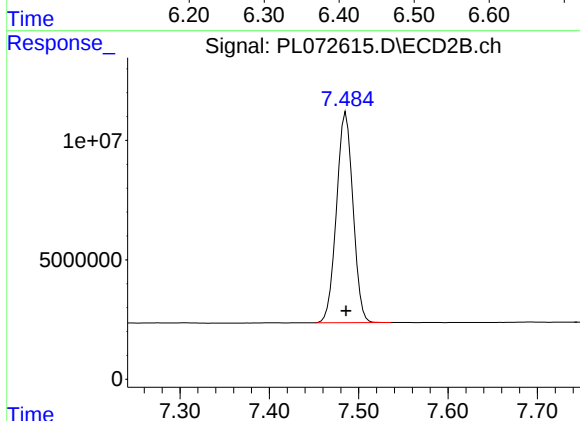
#5 Aldrin

R.T.: 6.415 min  
Delta R.T.: 0.000 min  
Response: 36605833  
Conc: 56.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-1MS

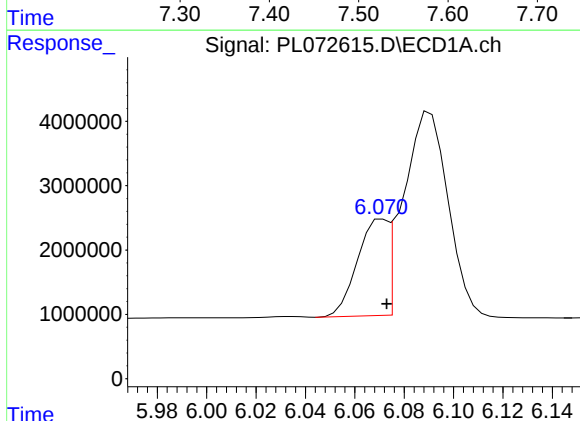
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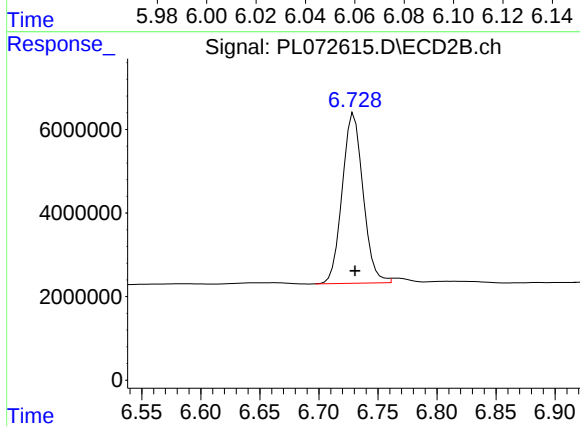
#5 Aldrin

R.T.: 7.486 min  
Delta R.T.: 0.000 min  
Response: 112906560  
Conc: 52.81 ng/ml



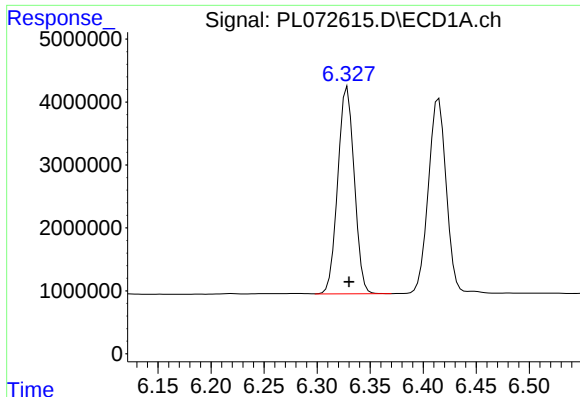
#6 beta-BHC

R.T.: 6.070 min  
Delta R.T.: -0.003 min  
Response: 15943532  
Conc: 64.34 ng/ml m



#6 beta-BHC

R.T.: 6.730 min  
Delta R.T.: 0.000 min  
Response: 49927996  
Conc: 48.98 ng/ml



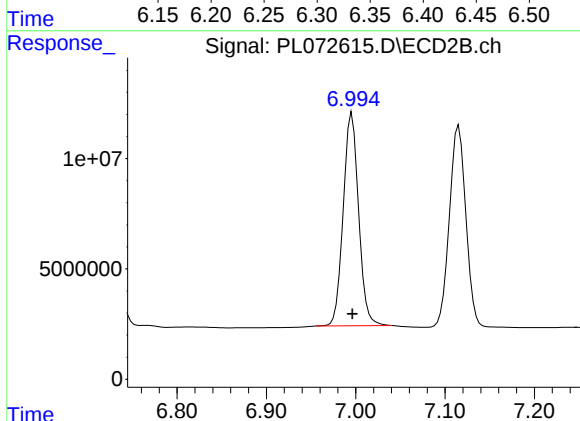
#7 delta-BHC

R.T.: 6.329 min  
Delta R.T.: -0.001 min  
Response: 35495352  
Conc: 53.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-1MS

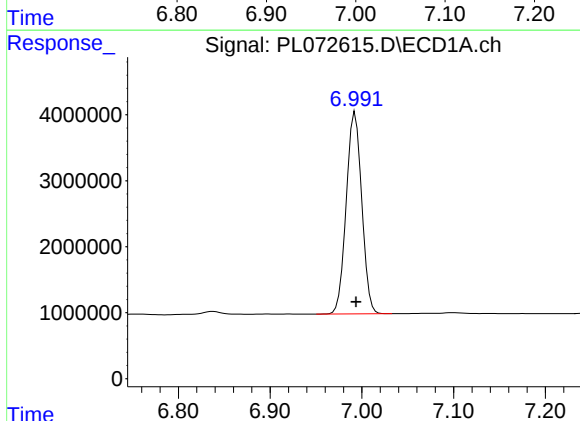
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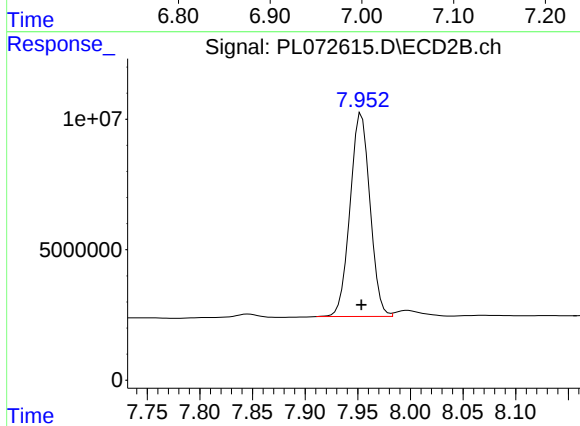
#7 delta-BHC

R.T.: 6.996 min  
Delta R.T.: 0.000 min  
Response: 115553226  
Conc: 50.44 ng/ml



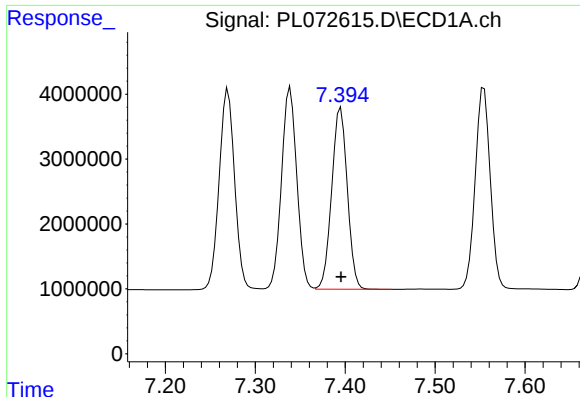
#8 Heptachlor epoxide

R.T.: 6.993 min  
Delta R.T.: 0.000 min  
Response: 35849216  
Conc: 56.86 ng/ml



#8 Heptachlor epoxide

R.T.: 7.954 min  
Delta R.T.: 0.000 min  
Response: 102912789  
Conc: 53.34 ng/ml



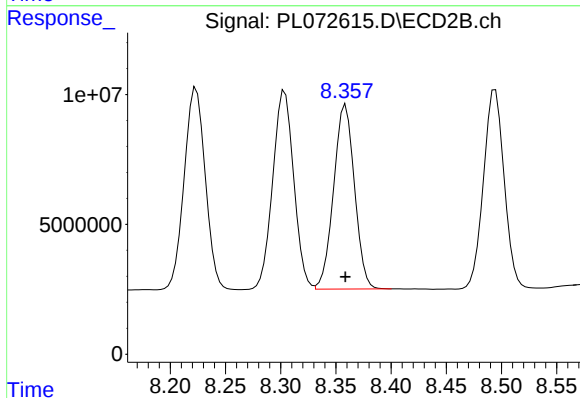
#9 Endosulfan I

R.T.: 7.395 min  
Delta R.T.: 0.000 min  
Response: 33763821  
Conc: 57.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-1MS

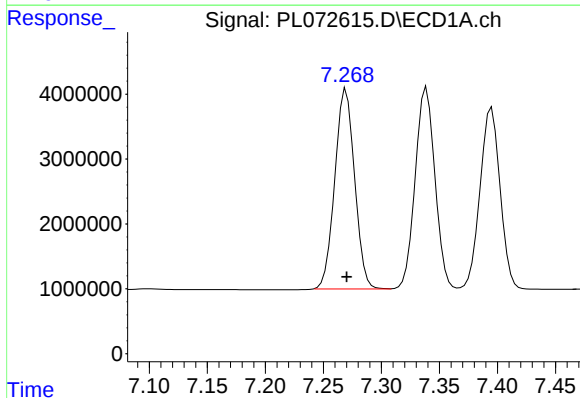
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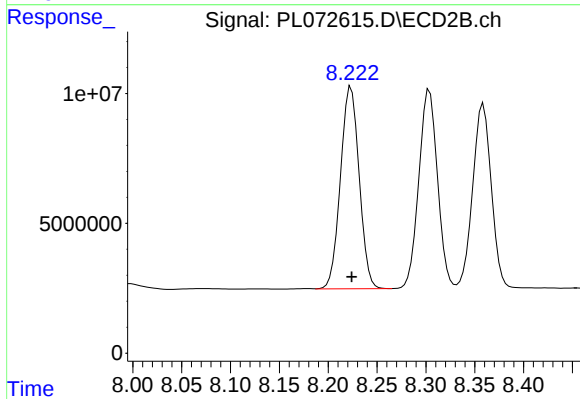
#9 Endosulfan I

R.T.: 8.359 min  
Delta R.T.: 0.000 min  
Response: 93514271  
Conc: 53.45 ng/ml



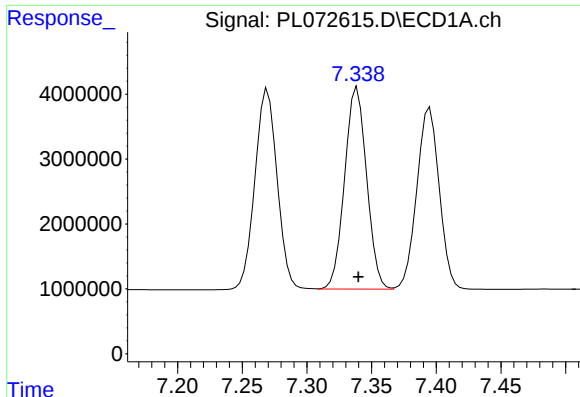
#10 gamma-Chlordane

R.T.: 7.270 min  
Delta R.T.: 0.000 min  
Response: 36640912  
Conc: 57.84 ng/ml



#10 gamma-Chlordane

R.T.: 8.223 min  
Delta R.T.: 0.000 min  
Response: 103745737  
Conc: 53.64 ng/ml



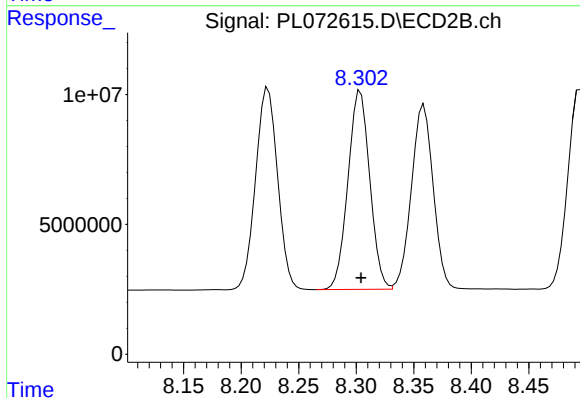
#11 alpha-Chlordane

R.T.: 7.339 min  
Delta R.T.: 0.000 min  
Response: 36775650  
Conc: 57.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-1MS

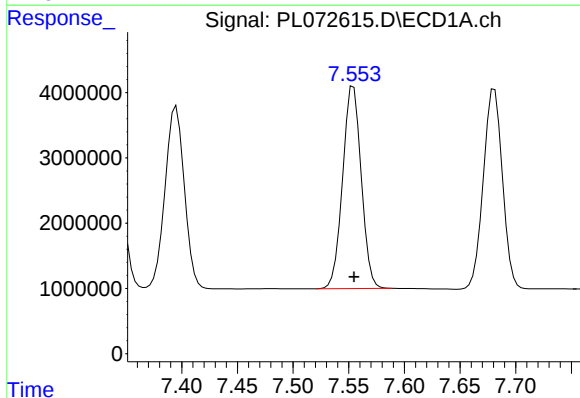
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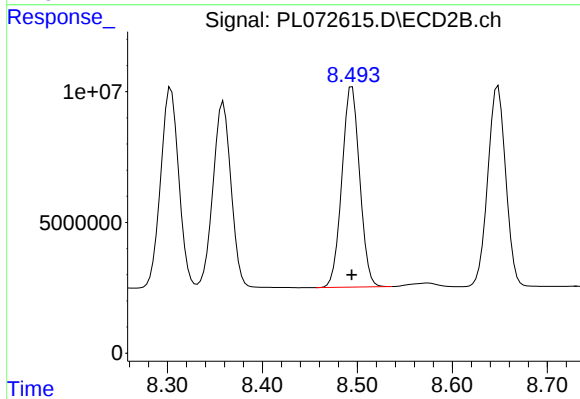
#11 alpha-Chlordane

R.T.: 8.304 min  
Delta R.T.: 0.000 min  
Response: 101604888  
Conc: 53.48 ng/ml



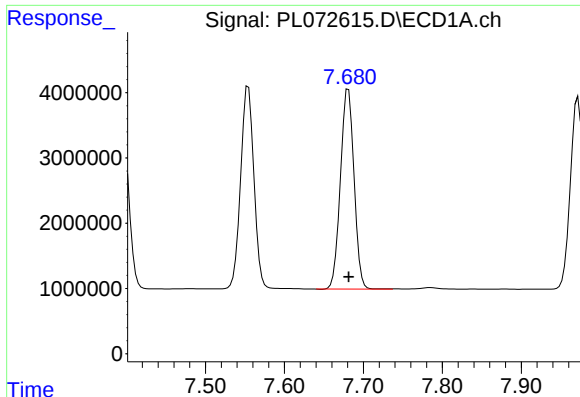
#12 4,4'-DDE

R.T.: 7.554 min  
Delta R.T.: 0.000 min  
Response: 36085720  
Conc: 59.38 ng/ml



#12 4,4'-DDE

R.T.: 8.494 min  
Delta R.T.: 0.000 min  
Response: 99782299  
Conc: 53.39 ng/ml



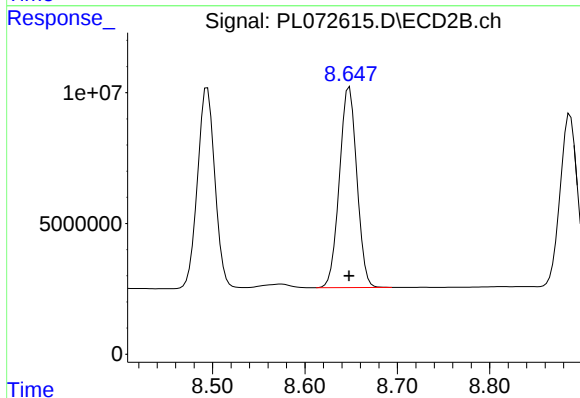
#13 Dieldrin

R.T.: 7.681 min  
Delta R.T.: 0.000 min  
Response: 36701336  
Conc: 58.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-1MS

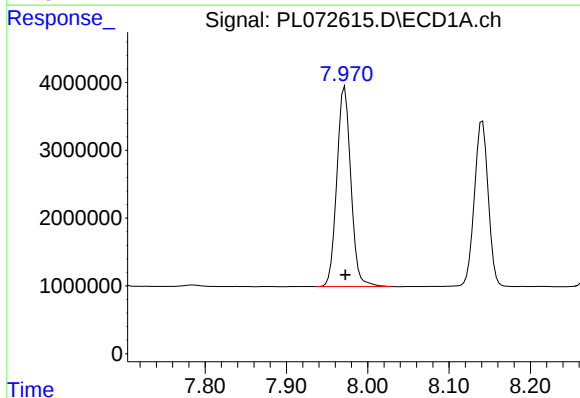
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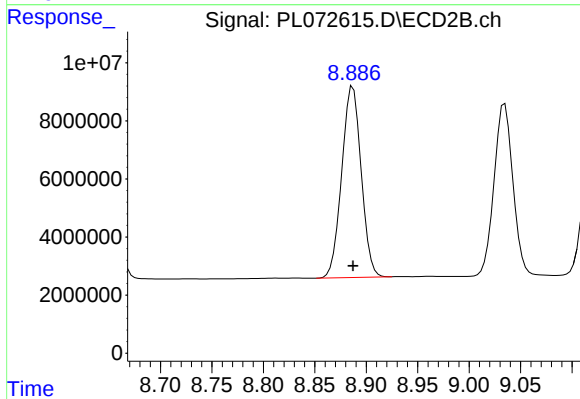
#13 Dieldrin

R.T.: 8.648 min  
Delta R.T.: 0.000 min  
Response: 100660325  
Conc: 54.01 ng/ml



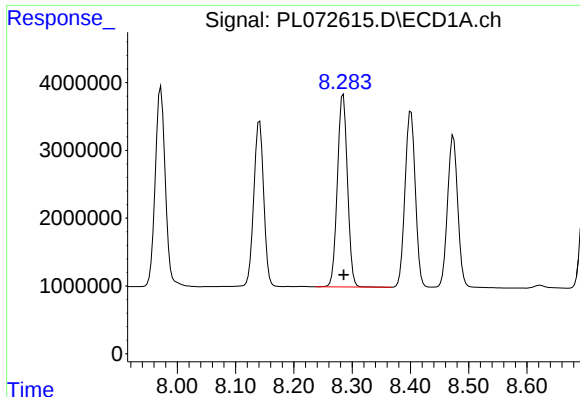
#14 Endrin

R.T.: 7.972 min  
Delta R.T.: 0.000 min  
Response: 35328180  
Conc: 60.31 ng/ml



#14 Endrin

R.T.: 8.887 min  
Delta R.T.: 0.000 min  
Response: 86687539  
Conc: 55.02 ng/ml



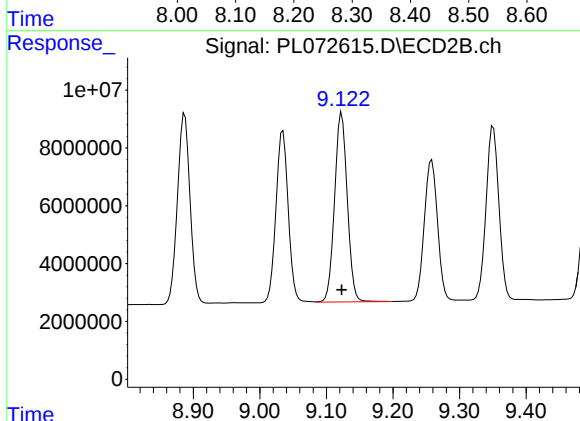
#15 Endosulfan II

R.T.: 8.285 min  
Delta R.T.: 0.000 min  
Response: 34128430  
Conc: 56.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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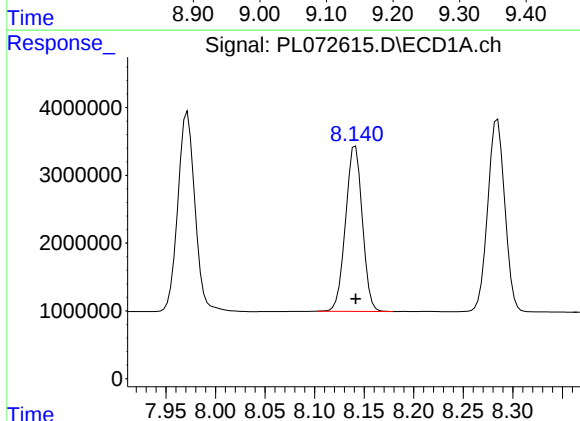
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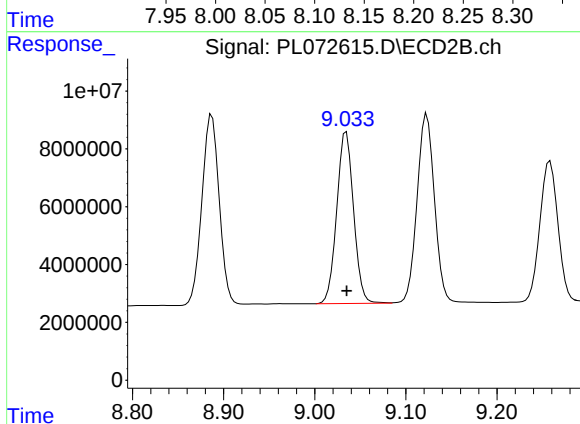
#15 Endosulfan II

R.T.: 9.123 min  
Delta R.T.: 0.000 min  
Response: 86924497  
Conc: 51.70 ng/ml



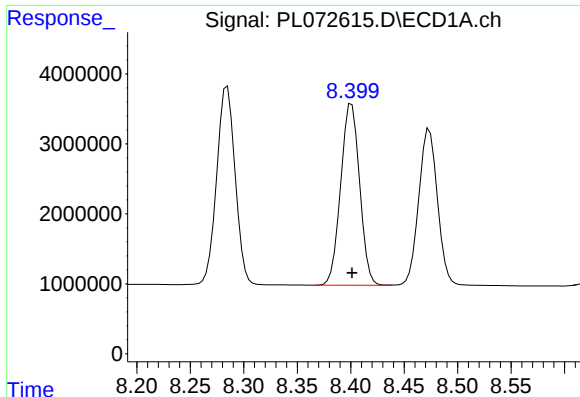
#16 4,4'-DDD

R.T.: 8.141 min  
Delta R.T.: 0.000 min  
Response: 28708954  
Conc: 59.67 ng/ml



#16 4,4'-DDD

R.T.: 9.035 min  
Delta R.T.: 0.000 min  
Response: 76199237  
Conc: 55.07 ng/ml



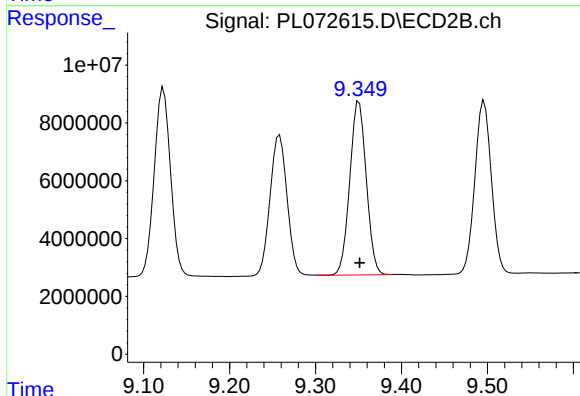
#17 4,4'-DDT

R.T.: 8.401 min  
Delta R.T.: 0.000 min  
Response: 31996718  
Conc: 59.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-1MS

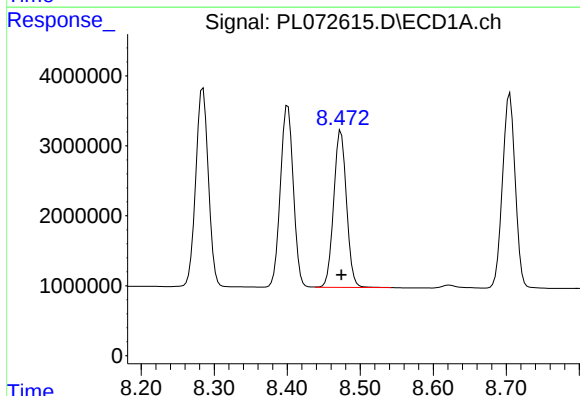
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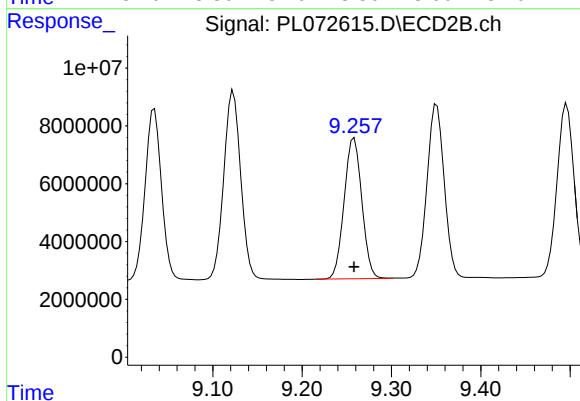
#17 4,4'-DDT

R.T.: 9.351 min  
Delta R.T.: 0.000 min  
Response: 80576913  
Conc: 52.64 ng/ml



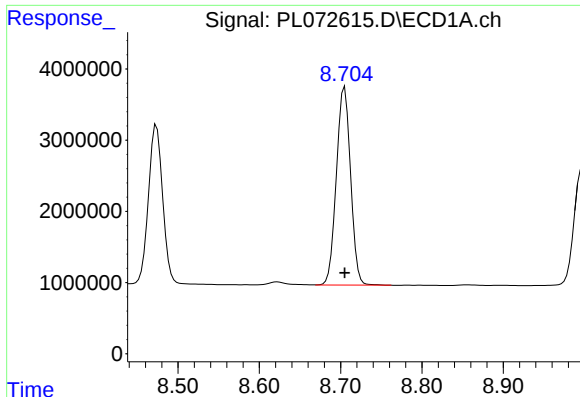
#18 Endrin aldehyde

R.T.: 8.474 min  
Delta R.T.: 0.000 min  
Response: 27368937  
Conc: 62.79 ng/ml



#18 Endrin aldehyde

R.T.: 9.258 min  
Delta R.T.: 0.000 min  
Response: 67076846  
Conc: 59.60 ng/ml



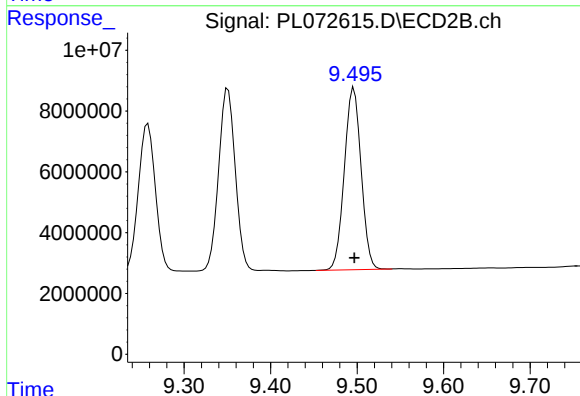
#19 Endosulfan Sulfate

R.T.: 8.705 min  
Delta R.T.: 0.000 min  
Response: 33817018  
Conc: 56.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-1MS

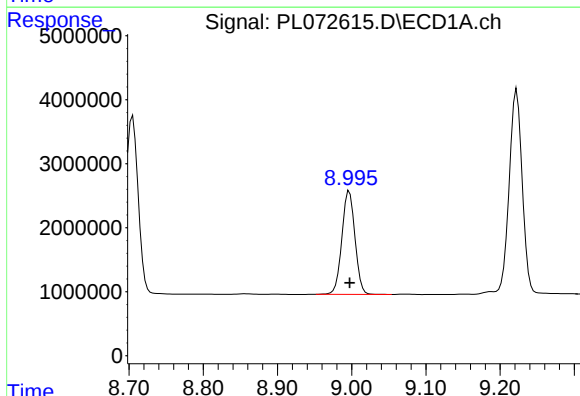
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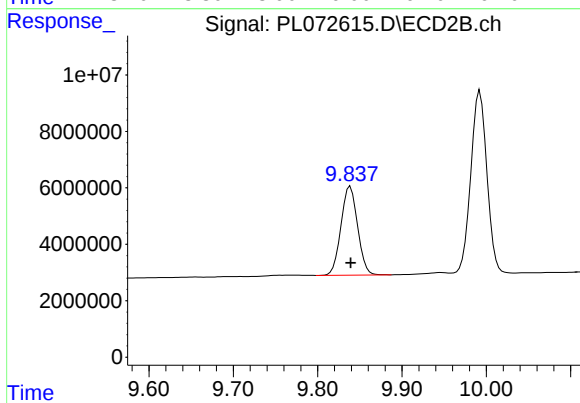
#19 Endosulfan Sulfate

R.T.: 9.496 min  
Delta R.T.: 0.000 min  
Response: 80034041  
Conc: 53.50 ng/ml



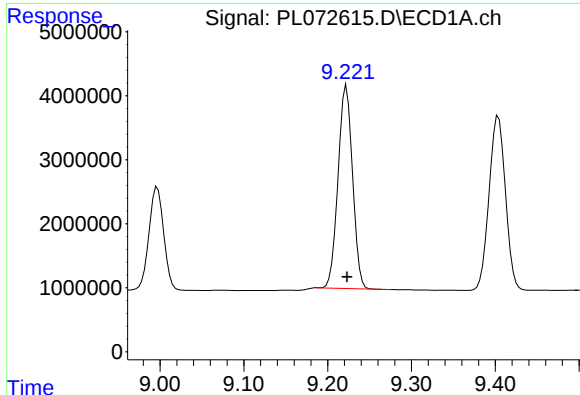
#20 Methoxychlor

R.T.: 8.997 min  
Delta R.T.: 0.000 min  
Response: 19877305  
Conc: 56.53 ng/ml



#20 Methoxychlor

R.T.: 9.839 min  
Delta R.T.: 0.000 min  
Response: 43030303  
Conc: 53.15 ng/ml



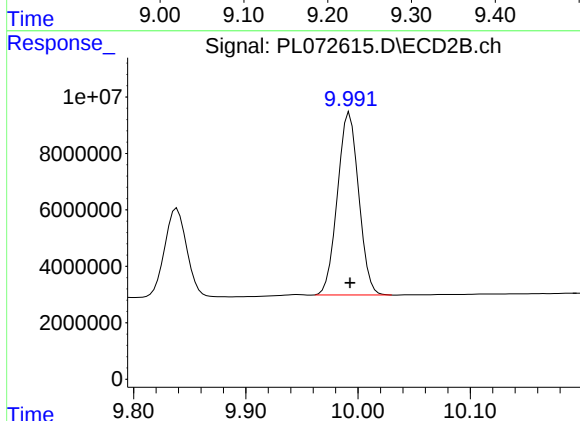
#21 Endrin ketone

R.T.: 9.222 min  
Delta R.T.: 0.000 min  
Response: 38019878  
Conc: 55.32 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-1MS

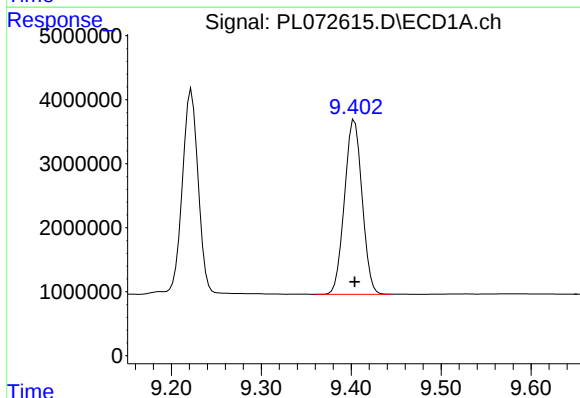
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/14/2022  
Supervised By :Ankita Jodhani 02/14/2022



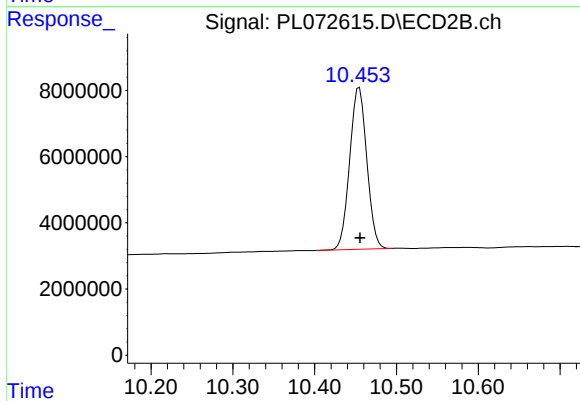
#21 Endrin ketone

R.T.: 9.992 min  
Delta R.T.: 0.000 min  
Response: 85228852  
Conc: 53.49 ng/ml



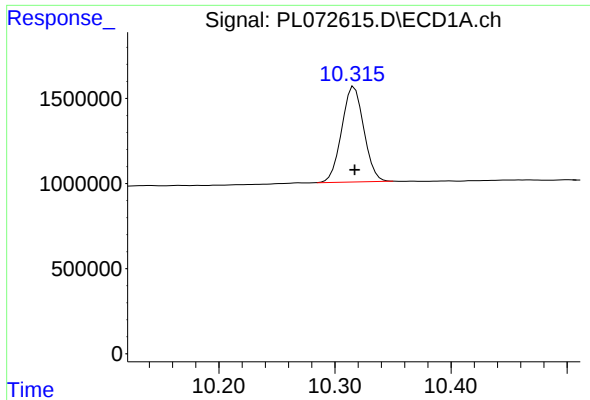
#22 Mirex

R.T.: 9.404 min  
Delta R.T.: 0.000 min  
Response: 37073071  
Conc: 62.49 ng/ml



#22 Mirex

R.T.: 10.455 min  
Delta R.T.: -0.001 min  
Response: 70907239  
Conc: 60.40 ng/ml



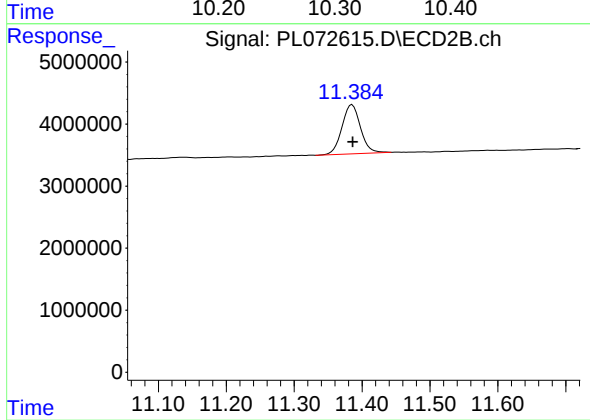
#28 Decachlorobiphenyl

R.T.: 10.317 min  
Delta R.T.: 0.000 min  
Response: 7433786  
Conc: 9.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
COMP-1MS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/14/2022  
Supervised By :Ankita Jodhani 02/14/2022



#28 Decachlorobiphenyl

R.T.: 11.385 min  
Delta R.T.: 0.000 min  
Response: 15009790  
Conc: 9.47 ng/ml