

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011822\  
 Data File : PL072057.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 18 Jan 2022 15:03  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 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 04:22:12 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  | 5.493  | 27540712 | 81054960 | 49.606  | 49.907  |
| 28) SA Decachlor...         | 10.320 | 11.388 | 42192930 | 82009885 | 47.491  | 50.827  |
| Target Compounds            |        |        |          |          |         |         |
| 2) A alpha-BHC              | 5.263  | 6.074  | 39004631 | 122.6E6  | 50.444  | 50.814  |
| 3) MA gamma-BHC...          | 5.686  | 6.470  | 38080095 | 114.2E6  | 50.503  | 50.732  |
| 4) MA Heptachlor            | 6.093  | 7.117  | 42512850 | 116.3E6  | 49.279  | 50.149  |
| 5) MB Aldrin                | 6.416  | 7.487  | 39185743 | 110.3E6  | 49.625  | 49.904  |
| 6) B beta-BHC               | 6.071  | 6.730  | 16541237 | 49692847 | 50.040  | 50.189  |
| 7) B delta-BHC              | 6.329  | 6.996  | 39953939 | 115.9E6  | 50.438  | 47.106  |
| 8) B Heptachlo...           | 6.994  | 7.954  | 37478786 | 110.5E6  | 49.234  | 55.167m |
| 9) A Endosulfan I           | 7.397  | 8.358  | 34844809 | 89506433 | 49.028  | 49.449m |
| 10) B gamma-Chl...          | 7.272  | 8.223  | 38170268 | 98940709 | 48.580  | 48.961m |
| 11) B alpha-Chl...          | 7.341  | 8.303  | 38254426 | 96095283 | 48.763  | 48.464m |
| 12) B 4,4'-DDE              | 7.556  | 8.495  | 35587706 | 91835597 | 49.292  | 48.558  |
| 13) MA Dieldrin             | 7.682  | 8.649  | 38533862 | 95901375 | 50.862m | 48.815  |
| 14) MA Endrin               | 7.975  | 8.889  | 36145336 | 85763261 | 51.587  | 51.727  |
| 15) B Endosulfa...          | 8.287  | 9.124  | 34870828 | 82533945 | 46.899  | 48.127  |
| 16) A 4,4'-DDD              | 8.143  | 9.036  | 29070278 | 71228596 | 49.589  | 49.818  |
| 17) MA 4,4'-DDT             | 8.403  | 9.352  | 32718149 | 79619682 | 49.269  | 50.375  |
| 18) B Endrin al...          | 8.476  | 9.259  | 26995009 | 62193547 | 47.380  | 50.101  |
| 19) B Endosulfa...          | 8.707  | 9.497  | 35174199 | 76599490 | 47.975  | 49.066  |
| 20) A Methoxychlor          | 8.999  | 9.839  | 20273081 | 47970076 | 48.052  | 57.911m |
| 21) B Endrin ke...          | 9.224  | 9.994  | 44910160 | 80674538 | 53.933m | 48.746  |
| 22) Mirex                   | 9.407  | 10.456 | 34761657 | 60336127 | 47.072  | 48.355  |
| -----                       |        |        |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL011822\  
Data File : PL072057.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 18 Jan 2022 15:03  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

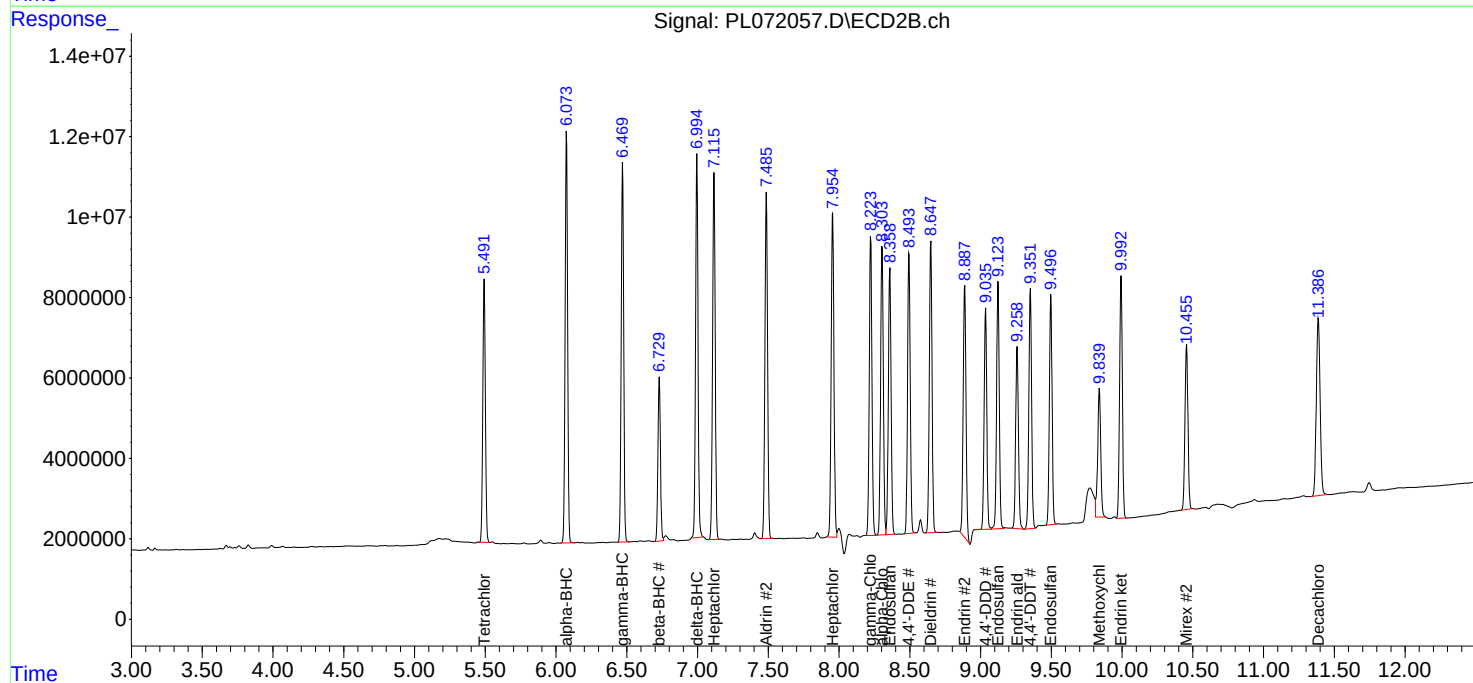
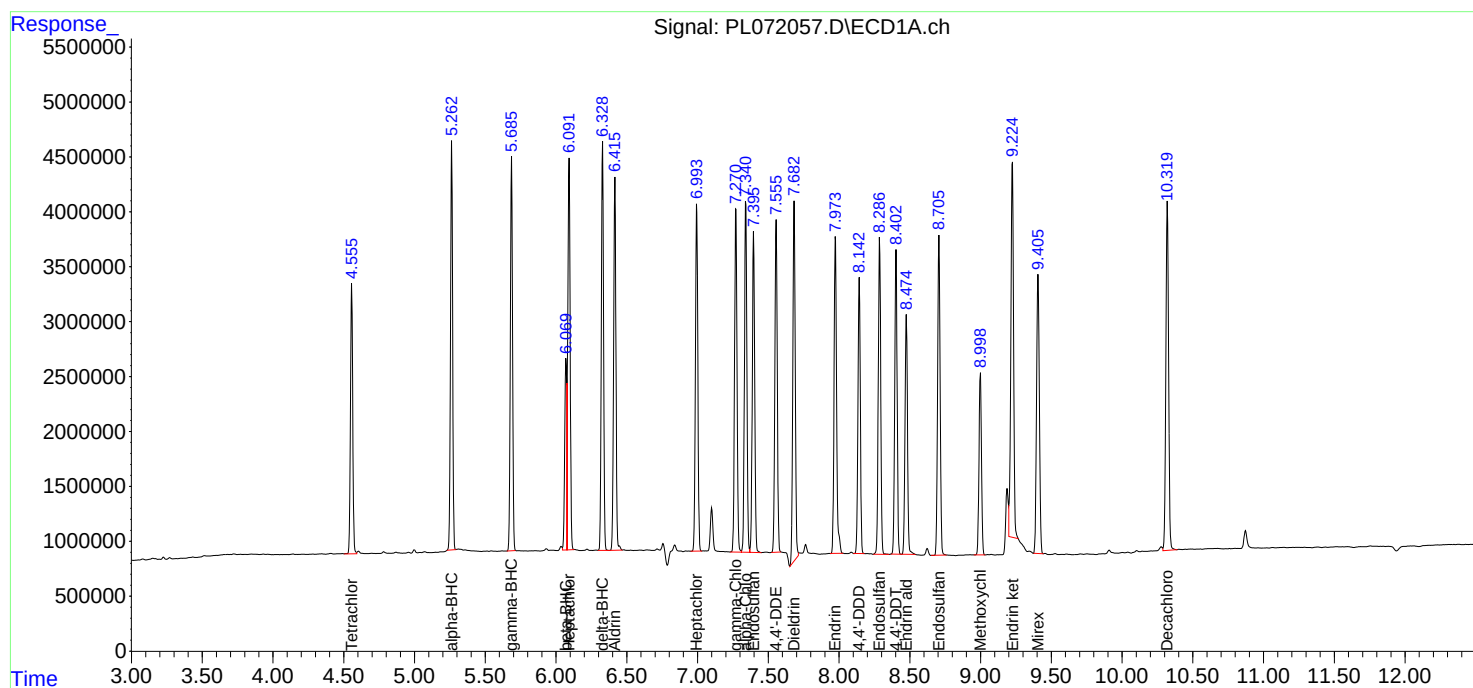
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

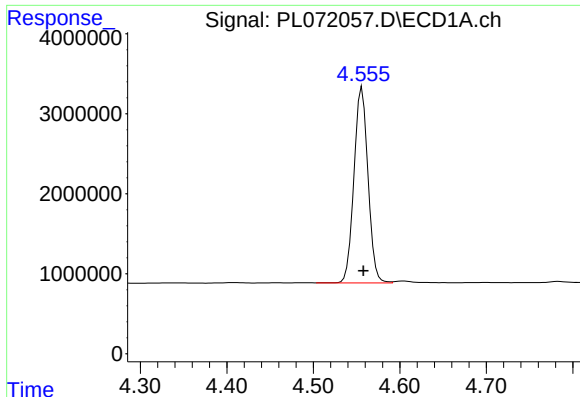
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 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 04:22:12 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





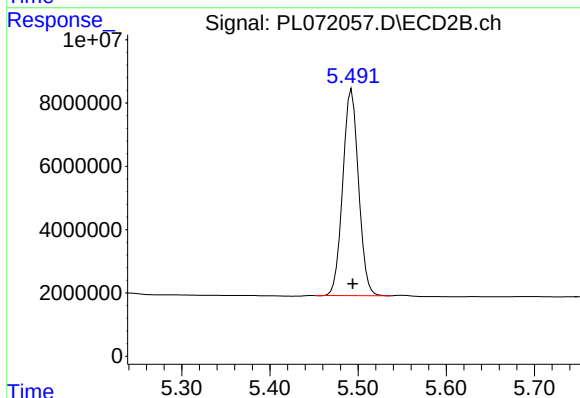
#1 Tetrachloro-m-xylene

R.T.: 4.556 min  
Delta R.T.: -0.002 min  
Response: 27540712  
Conc: 49.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

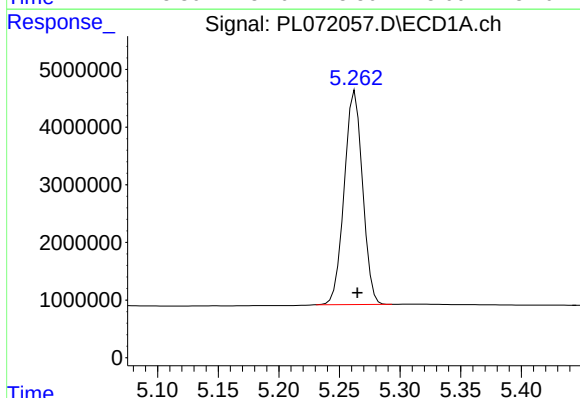
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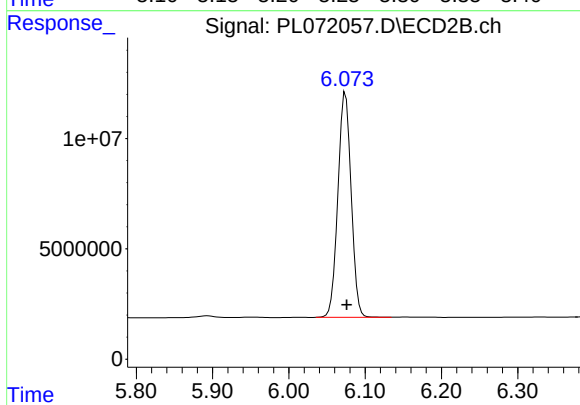
#1 Tetrachloro-m-xylene

R.T.: 5.493 min  
Delta R.T.: -0.001 min  
Response: 81054960  
Conc: 49.91 ng/ml



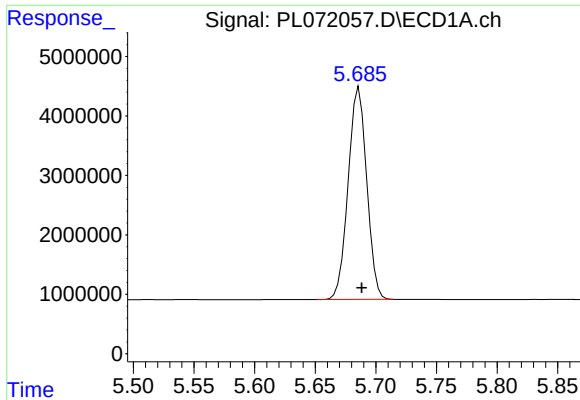
#2 alpha-BHC

R.T.: 5.263 min  
Delta R.T.: -0.002 min  
Response: 39004631  
Conc: 50.44 ng/ml



#2 alpha-BHC

R.T.: 6.074 min  
Delta R.T.: -0.002 min  
Response: 122607036  
Conc: 50.81 ng/ml



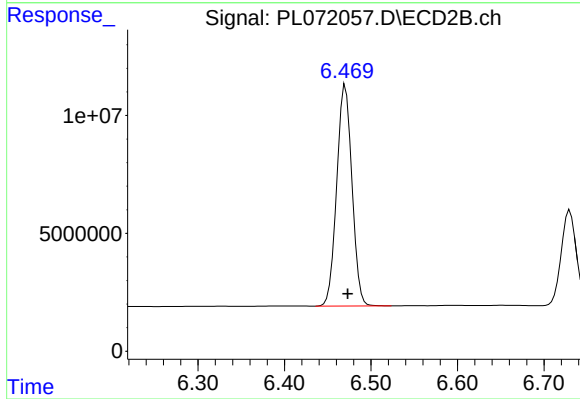
#3 gamma-BHC (Lindane)

R.T.: 5.686 min  
Delta R.T.: -0.002 min  
Response: 38080095  
Conc: 50.50 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

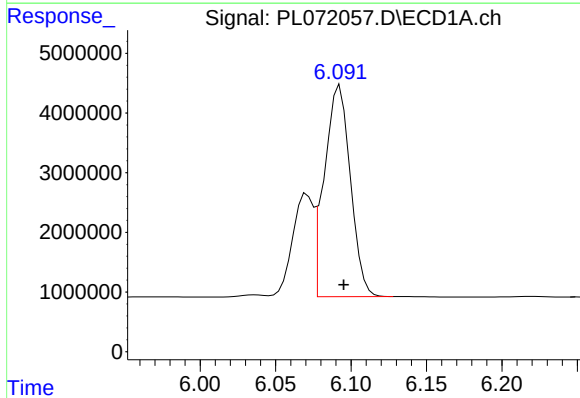
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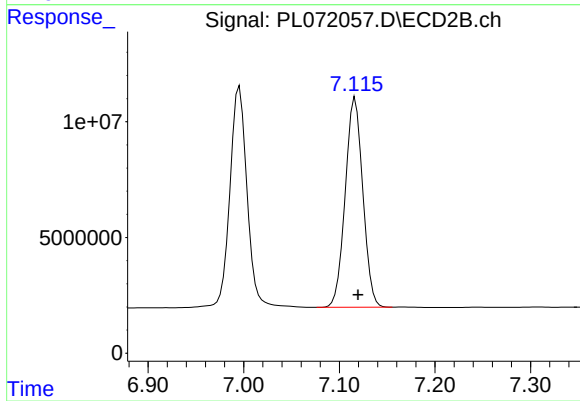
#3 gamma-BHC (Lindane)

R.T.: 6.470 min  
Delta R.T.: -0.002 min  
Response: 114164046  
Conc: 50.73 ng/ml



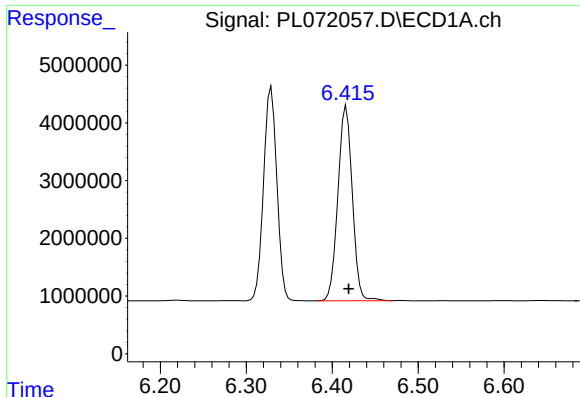
#4 Heptachlor

R.T.: 6.093 min  
Delta R.T.: -0.003 min  
Response: 42512850  
Conc: 49.28 ng/ml



#4 Heptachlor

R.T.: 7.117 min  
Delta R.T.: -0.003 min  
Response: 116269682  
Conc: 50.15 ng/ml



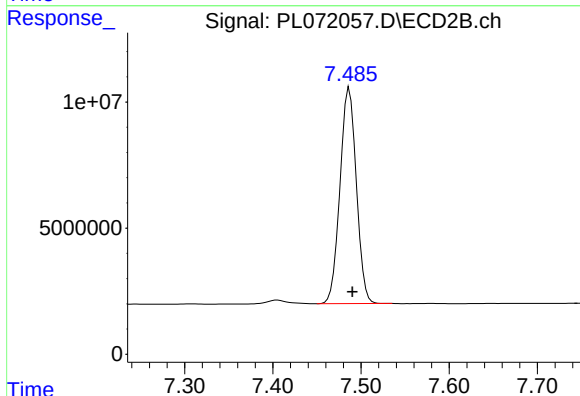
#5 Aldrin

R.T.: 6.416 min  
Delta R.T.: -0.003 min  
Response: 39185743  
Conc: 49.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

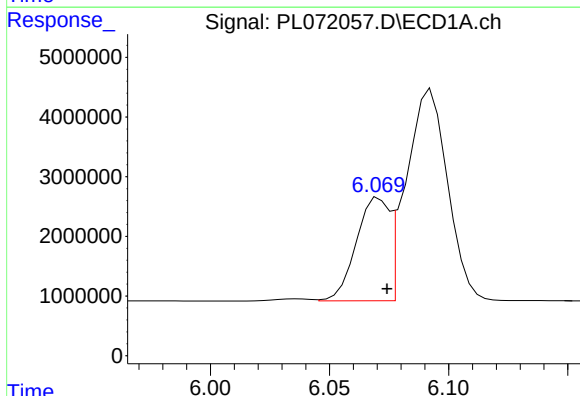
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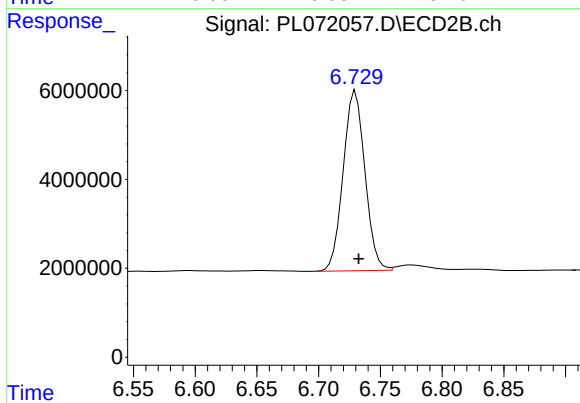
#5 Aldrin

R.T.: 7.487 min  
Delta R.T.: -0.003 min  
Response: 110349756  
Conc: 49.90 ng/ml



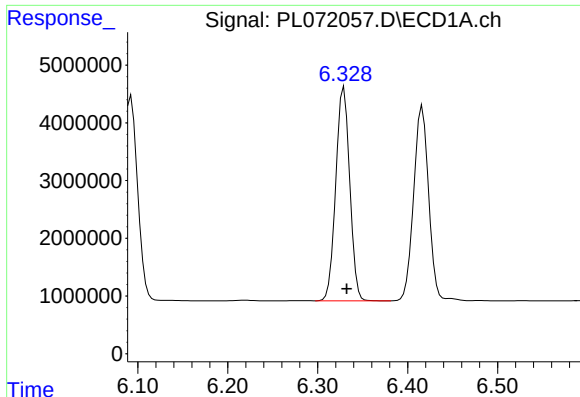
#6 beta-BHC

R.T.: 6.071 min  
Delta R.T.: -0.003 min  
Response: 16541237  
Conc: 50.04 ng/ml



#6 beta-BHC

R.T.: 6.730 min  
Delta R.T.: -0.002 min  
Response: 49692847  
Conc: 50.19 ng/ml



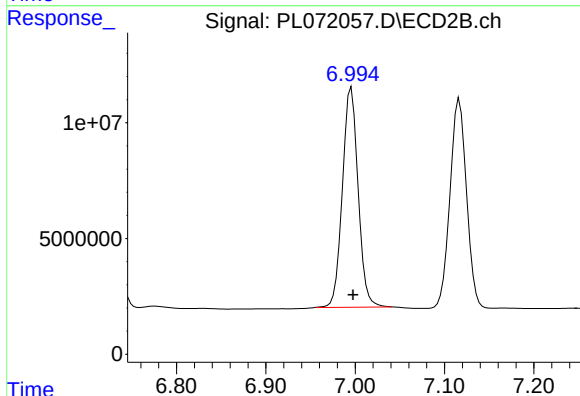
#7 delta-BHC

R.T.: 6.329 min  
Delta R.T.: -0.003 min  
Response: 39953939  
Conc: 50.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

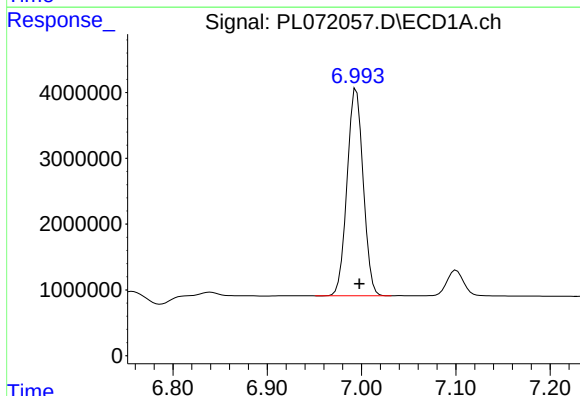
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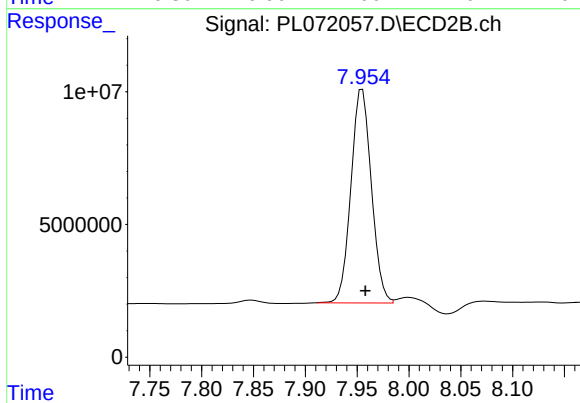
#7 delta-BHC

R.T.: 6.996 min  
Delta R.T.: -0.002 min  
Response: 115895554  
Conc: 47.11 ng/ml



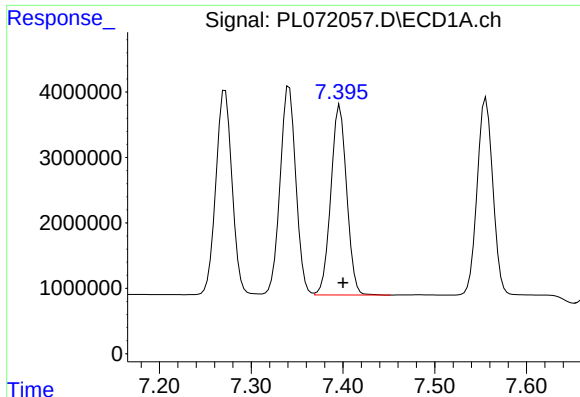
#8 Heptachlor epoxide

R.T.: 6.994 min  
Delta R.T.: -0.003 min  
Response: 37478786  
Conc: 49.23 ng/ml



#8 Heptachlor epoxide

R.T.: 7.954 min  
Delta R.T.: -0.005 min  
Response: 110459649  
Conc: 55.17 ng/ml m



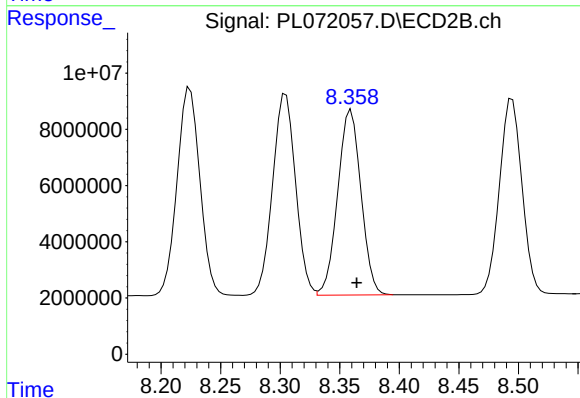
#9 Endosulfan I

R.T.: 7.397 min  
Delta R.T.: -0.003 min  
Response: 34844809  
Conc: 49.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

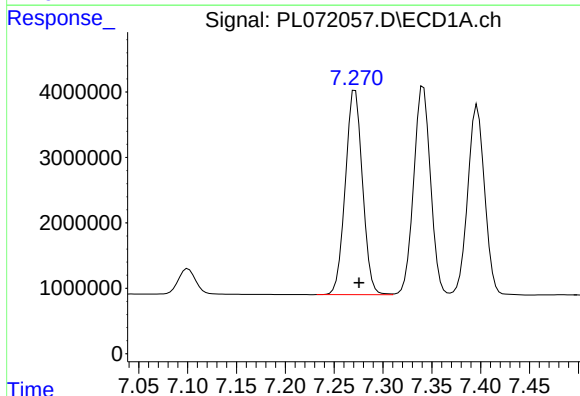
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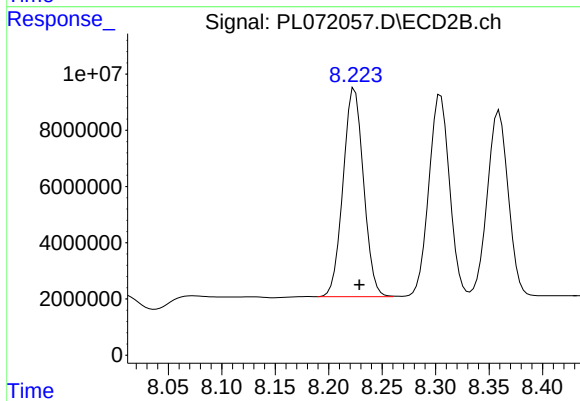
#9 Endosulfan I

R.T.: 8.358 min  
Delta R.T.: -0.006 min  
Response: 89506433  
Conc: 49.45 ng/ml m



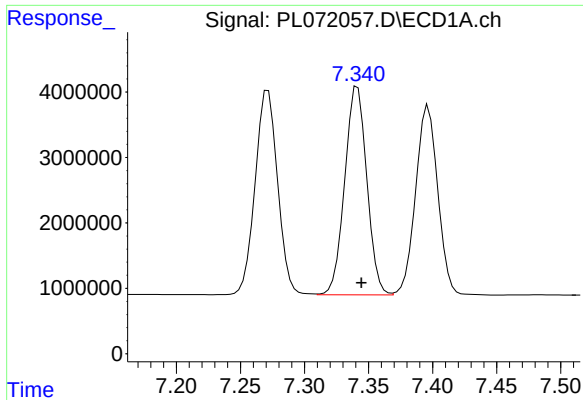
#10 gamma-Chlordane

R.T.: 7.272 min  
Delta R.T.: -0.004 min  
Response: 38170268  
Conc: 48.58 ng/ml



#10 gamma-Chlordane

R.T.: 8.223 min  
Delta R.T.: -0.006 min  
Response: 98940709  
Conc: 48.96 ng/ml m



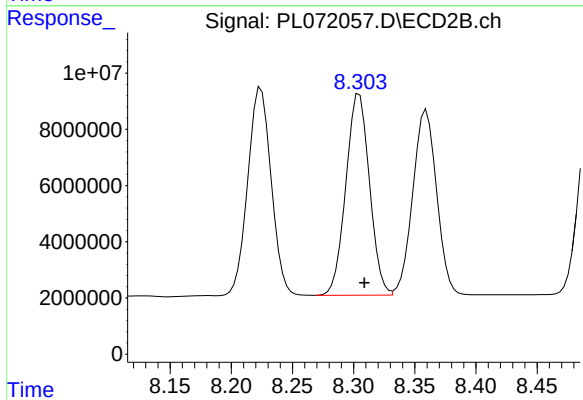
#11 alpha-Chlordane

R.T.: 7.341 min  
Delta R.T.: -0.003 min  
Response: 38254426  
Conc: 48.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

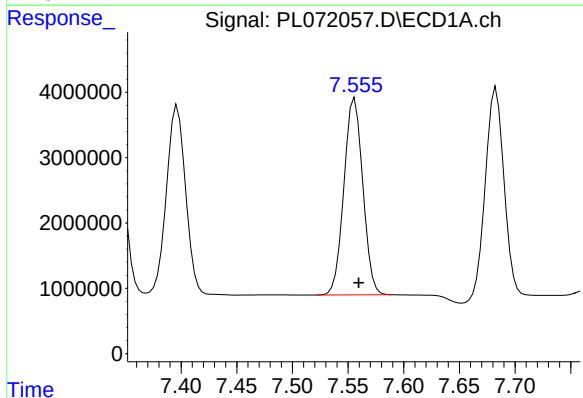
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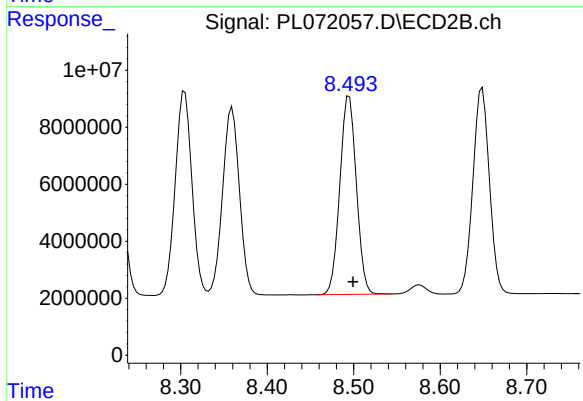
#11 alpha-Chlordane

R.T.: 8.303 min  
Delta R.T.: -0.005 min  
Response: 96095283  
Conc: 48.46 ng/ml m



#12 4,4'-DDE

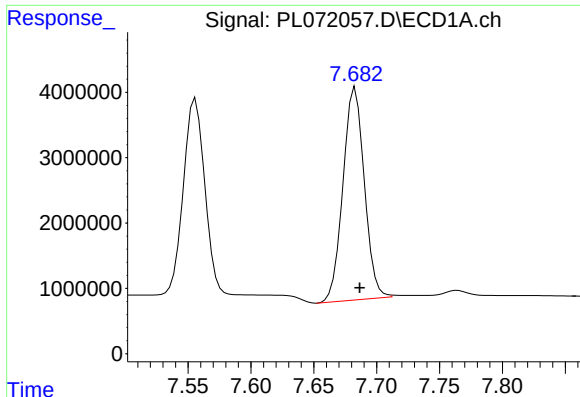
R.T.: 7.556 min  
Delta R.T.: -0.004 min  
Response: 35587706  
Conc: 49.29 ng/ml



#12 4,4'-DDE

R.T.: 8.495 min  
Delta R.T.: -0.005 min  
Response: 91835597  
Conc: 48.56 ng/ml





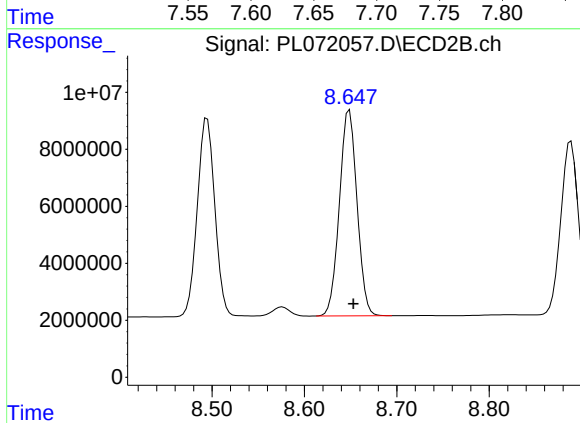
#13 Dieldrin

R.T.: 7.682 min  
Delta R.T.: -0.005 min  
Response: 38533862  
Conc: 50.86 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

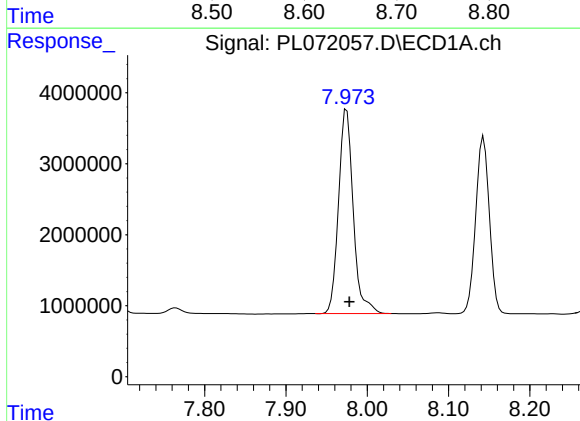
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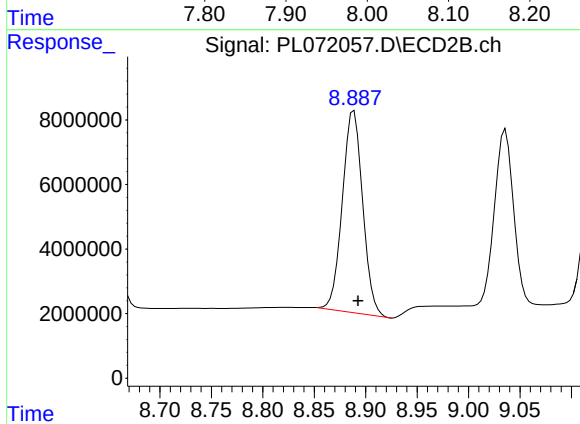
#13 Dieldrin

R.T.: 8.649 min  
Delta R.T.: -0.004 min  
Response: 95901375  
Conc: 48.81 ng/ml



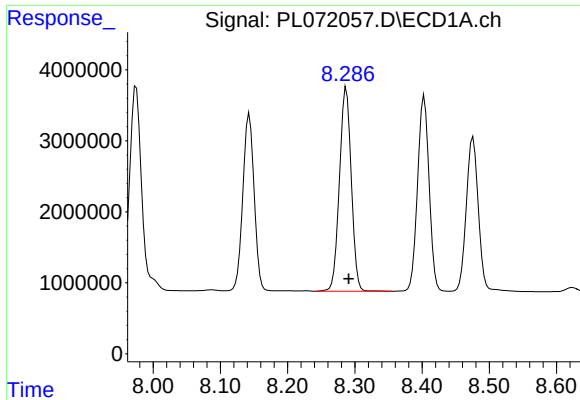
#14 Endrin

R.T.: 7.975 min  
Delta R.T.: -0.003 min  
Response: 36145336  
Conc: 51.59 ng/ml



#14 Endrin

R.T.: 8.889 min  
Delta R.T.: -0.004 min  
Response: 85763261  
Conc: 51.73 ng/ml



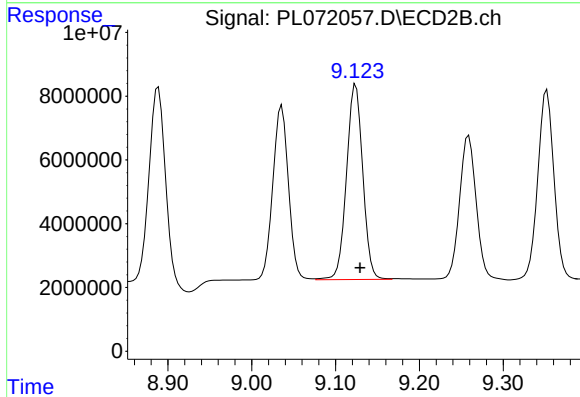
#15 Endosulfan II

R.T.: 8.287 min  
Delta R.T.: -0.003 min  
Response: 34870828  
Conc: 46.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

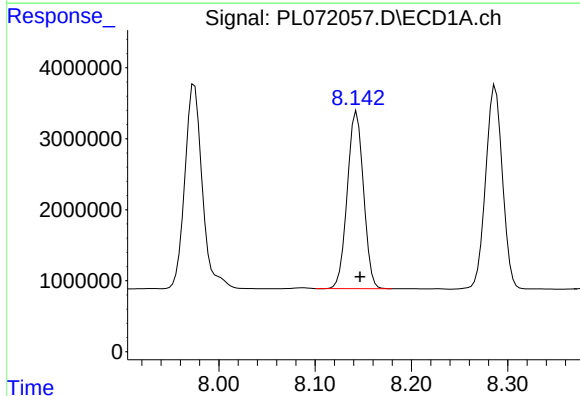
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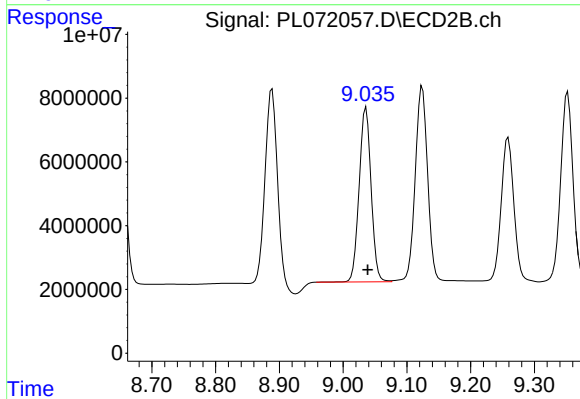
#15 Endosulfan II

R.T.: 9.124 min  
Delta R.T.: -0.005 min  
Response: 82533945  
Conc: 48.13 ng/ml



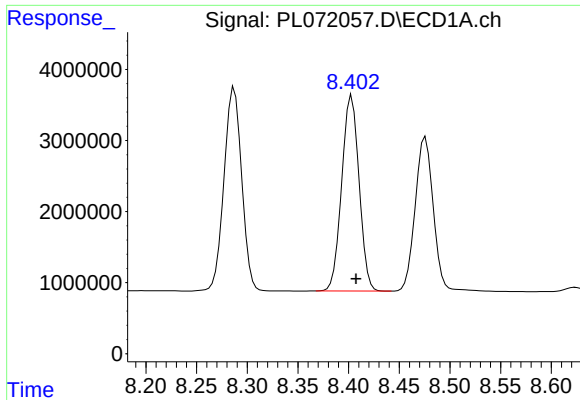
#16 4,4'-DDD

R.T.: 8.143 min  
Delta R.T.: -0.004 min  
Response: 29070278  
Conc: 49.59 ng/ml



#16 4,4'-DDD

R.T.: 9.036 min  
Delta R.T.: -0.003 min  
Response: 71228596  
Conc: 49.82 ng/ml



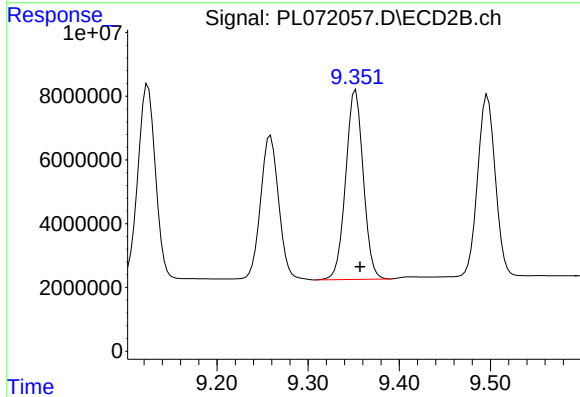
#17 4,4'-DDT

R.T.: 8.403 min  
Delta R.T.: -0.004 min  
Response: 32718149  
Conc: 49.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

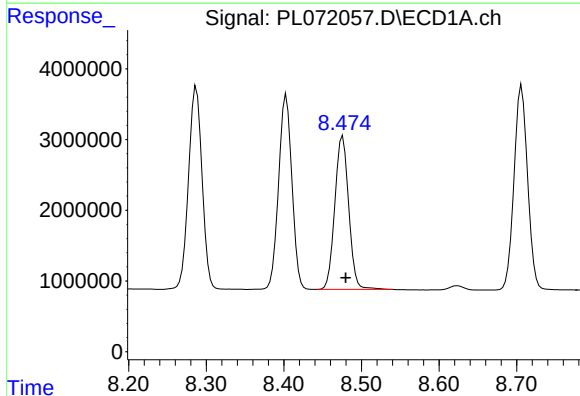
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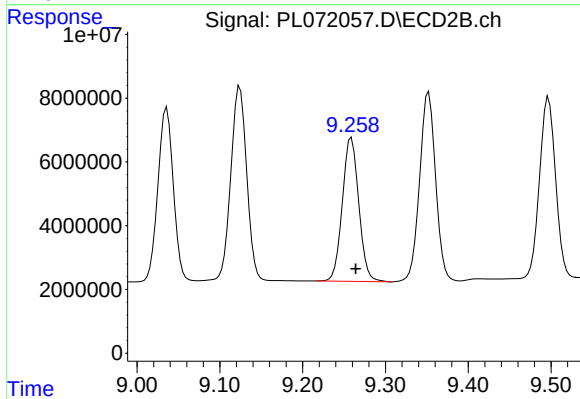
#17 4,4'-DDT

R.T.: 9.352 min  
Delta R.T.: -0.005 min  
Response: 79619682  
Conc: 50.37 ng/ml



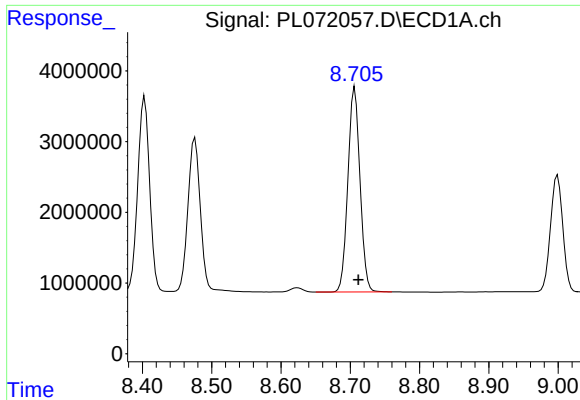
#18 Endrin aldehyde

R.T.: 8.476 min  
Delta R.T.: -0.004 min  
Response: 26995009  
Conc: 47.38 ng/ml



#18 Endrin aldehyde

R.T.: 9.259 min  
Delta R.T.: -0.005 min  
Response: 62193547  
Conc: 50.10 ng/ml



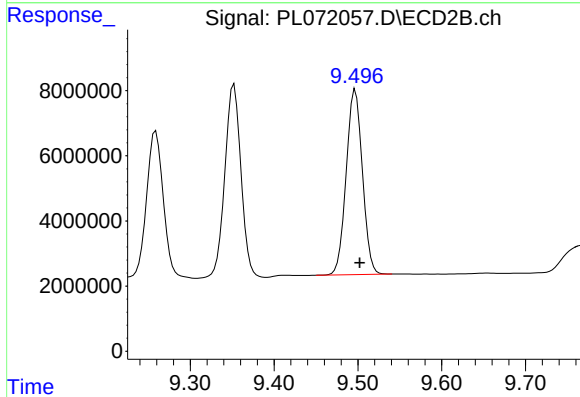
#19 Endosulfan Sulfate

R.T.: 8.707 min  
Delta R.T.: -0.005 min  
Response: 35174199  
Conc: 47.97 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

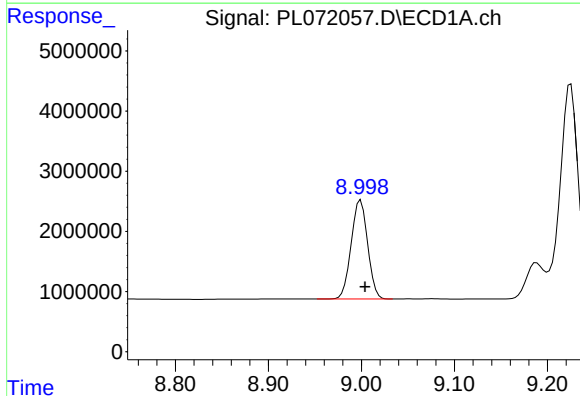
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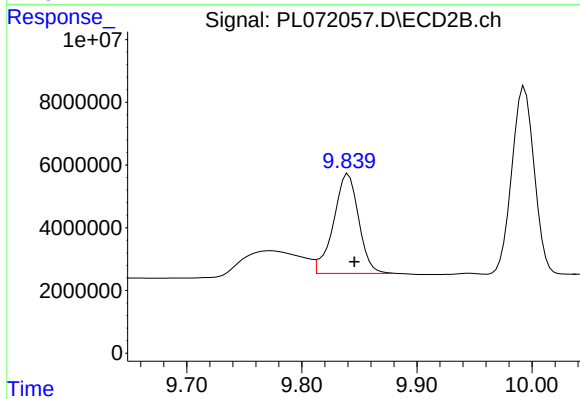
#19 Endosulfan Sulfate

R.T.: 9.497 min  
Delta R.T.: -0.005 min  
Response: 76599490  
Conc: 49.07 ng/ml



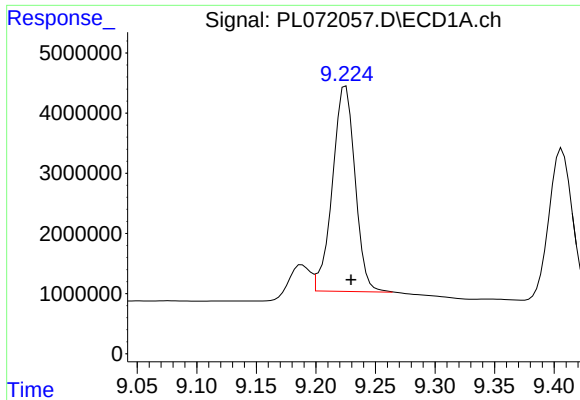
#20 Methoxychlor

R.T.: 8.999 min  
Delta R.T.: -0.005 min  
Response: 20273081  
Conc: 48.05 ng/ml



#20 Methoxychlor

R.T.: 9.839 min  
Delta R.T.: -0.007 min  
Response: 47970076  
Conc: 57.91 ng/ml m



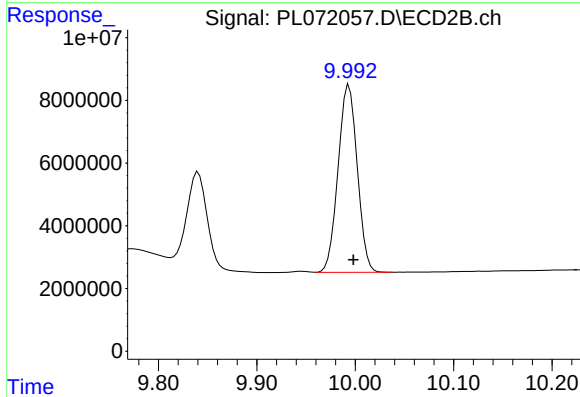
#21 Endrin ketone

R.T.: 9.224 min  
Delta R.T.: -0.006 min  
Response: 44910160  
Conc: 53.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

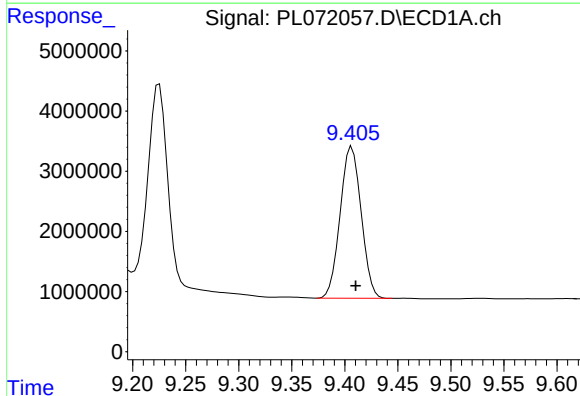
Manual Integrations  
APPROVED

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



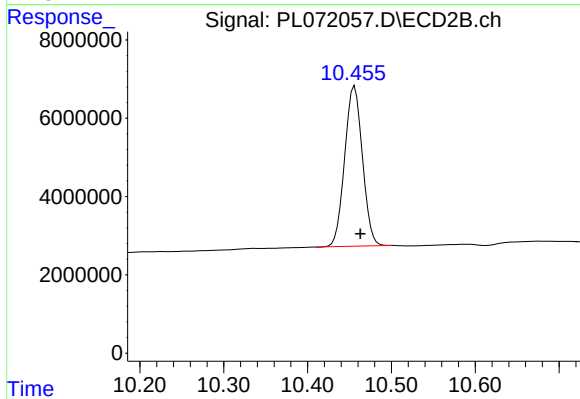
#21 Endrin ketone

R.T.: 9.994 min  
Delta R.T.: -0.004 min  
Response: 80674538  
Conc: 48.75 ng/ml



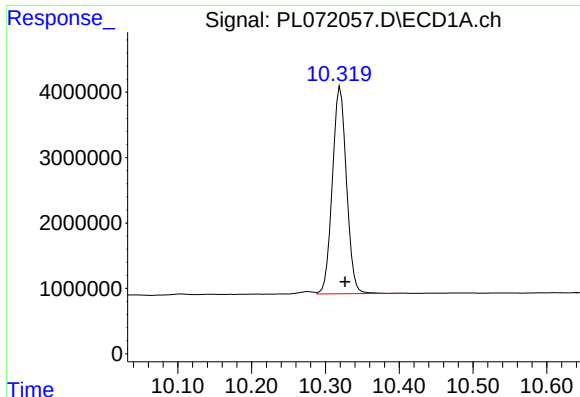
#22 Mirex

R.T.: 9.407 min  
Delta R.T.: -0.004 min  
Response: 34761657  
Conc: 47.07 ng/ml



#22 Mirex

R.T.: 10.456 min  
Delta R.T.: -0.007 min  
Response: 60336127  
Conc: 48.35 ng/ml



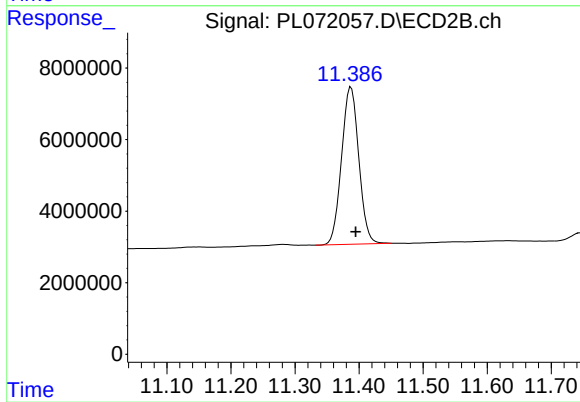
#28 Decachlorobiphenyl

R.T.: 10.320 min  
Delta R.T.: -0.006 min  
Response: 42192930  
Conc: 47.49 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.: 11.388 min  
Delta R.T.: -0.007 min  
Response: 82009885  
Conc: 50.83 ng/ml