

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021522\  
 Data File : PL072722.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Feb 2022 20:01  
 Operator : AR\AJ  
 Sample : N1449-03MS  
 Misc :  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SPLP-LEACHATE-AMENDED-COMPMS

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 02/16/2022  
 Supervised By : Ankita Jodhani 02/16/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 16 01:58:06 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  | 5.489  | 10622766 | 37147109 | 22.061  | 21.505  |
| 28)                         | SA Decachlor... | 10.311 | 11.377 | 12707336 | 26307311 | 16.785  | 16.590  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 5.259  | 6.071  | 40640572 | 144.5E6  | 61.637  | 60.335  |
| 3)                          | MA gamma-BHC... | 5.683  | 6.467  | 39331590 | 133.5E6  | 62.582  | 57.973  |
| 4)                          | MA Heptachlor   | 6.087  | 7.112  | 41977270 | 134.6E6  | 57.509m | 59.133  |
| 5)                          | MB Aldrin       | 6.412  | 7.481  | 39611037 | 127.0E6  | 61.350  | 59.391  |
| 6)                          | B beta-BHC      | 6.067  | 6.726  | 13436256 | 58735234 | 54.225m | 57.616  |
| 7)                          | B delta-BHC     | 6.325  | 6.992  | 42379414 | 128.0E6  | 64.005  | 55.851  |
| 8)                          | B Heptachlo...  | 6.989  | 7.949  | 39367390 | 117.6E6  | 62.443  | 60.946  |
| 9)                          | A Endosulfan I  | 7.391  | 8.354  | 31071803 | 90664429 | 53.110  | 51.823  |
| 10)                         | B gamma-Chl...  | 7.266  | 8.219  | 39413665 | 120.4E6  | 62.219  | 62.271  |
| 11)                         | B alpha-Chl...  | 7.335  | 8.299  | 40105664 | 119.9E6  | 62.982  | 63.094  |
| 12)                         | B 4,4'-DDE      | 7.550  | 8.489  | 38728045 | 114.7E6  | 63.728  | 61.371  |
| 13)                         | MA Dieldrin     | 7.677  | 8.643  | 40718682 | 119.2E6  | 64.479  | 63.981  |
| 14)                         | MA Endrin       | 7.968  | 8.882  | 37706339 | 103.4E6  | 64.366  | 65.596  |
| 15)                         | B Endosulfa...  | 8.280  | 9.118  | 25972405 | 69413188 | 42.690  | 41.285  |
| 16)                         | A 4,4'-DDD      | 8.135  | 9.030  | 32559159 | 87674324 | 67.677m | 63.358  |
| 17)                         | MA 4,4'-DDT     | 8.396  | 9.346  | 35481771 | 99263690 | 65.941  | 64.842  |
| 18)                         | B Endrin al...  | 8.469  | 9.253  | 32966739 | 82393111 | 75.632  | 73.207  |
| 19)                         | B Endosulfa...  | 8.700  | 9.491  | 38336847 | 94719616 | 64.421  | 63.316  |
| 20)                         | A Methoxychlor  | 8.992  | 9.833  | 22023496 | 51583867 | 62.634  | 63.711  |
| 21)                         | B Endrin ke...  | 9.217  | 9.985  | 43702594 | 102.4E6  | 63.588  | 64.292m |
| 22)                         | Mirex           | 9.398  | 10.449 | 40831442 | 81857836 | 68.827  | 69.732  |
| -----                       |                 |        |        |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021522\  
Data File : PL072722.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Feb 2022 20:01  
Operator : AR\AJ  
Sample : N1449-03MS  
Misc :  
ALS Vial : 31 Sample Multiplier: 1

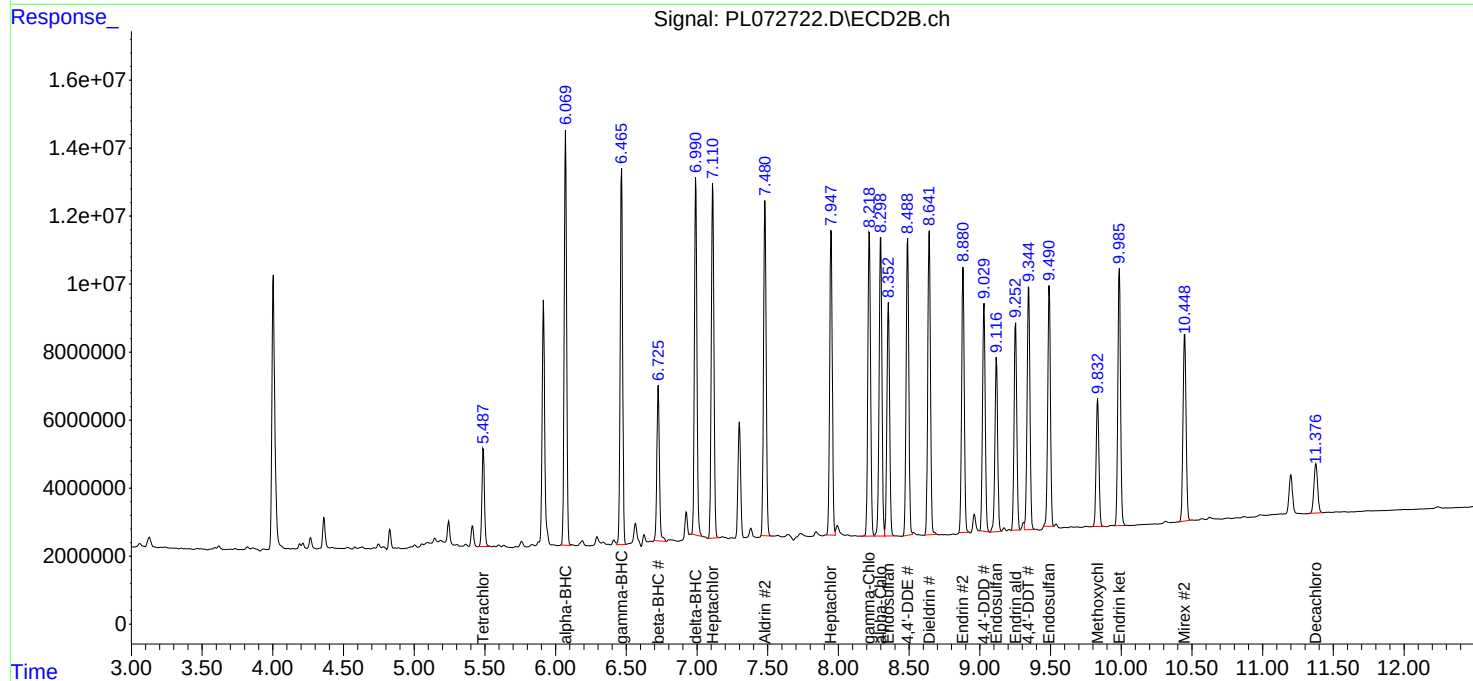
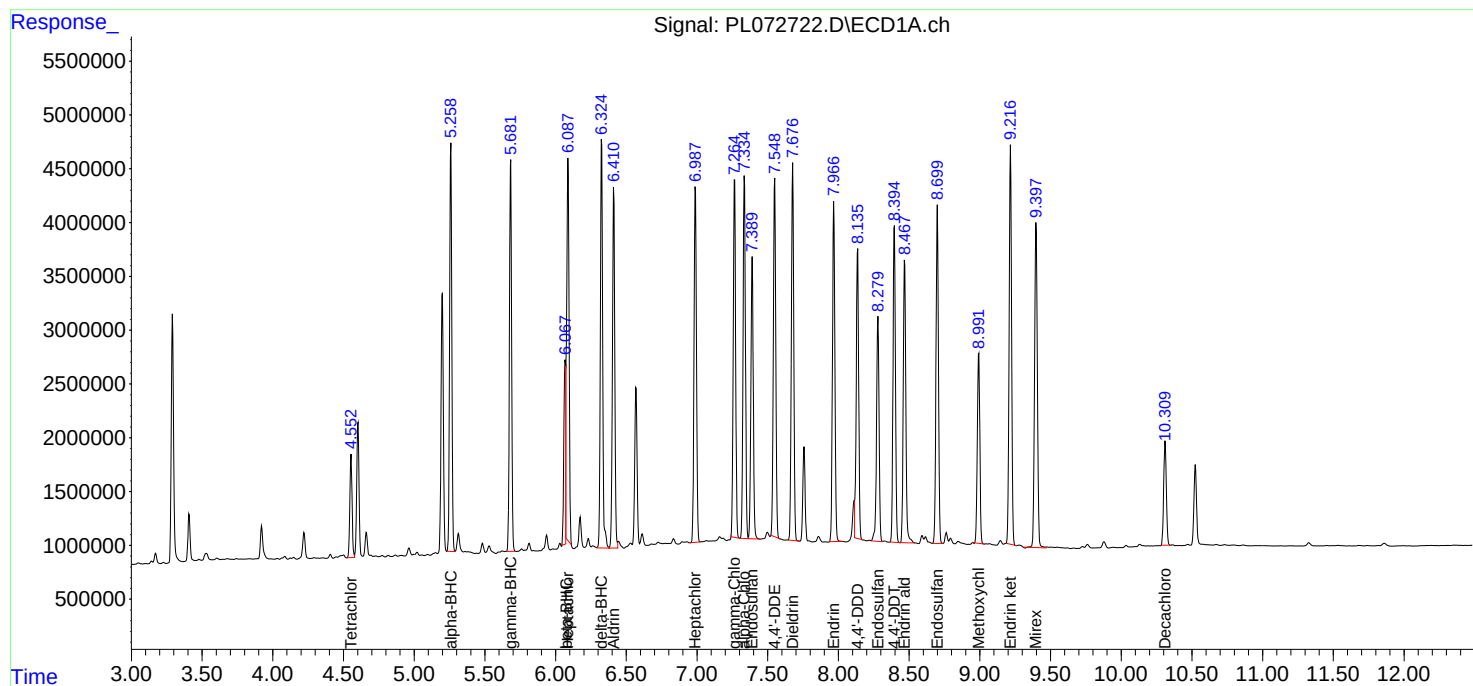
Instrument :  
ECD\_L  
ClientSampleId :  
SPLP-LEACHATE-AMENDED-COMPMS

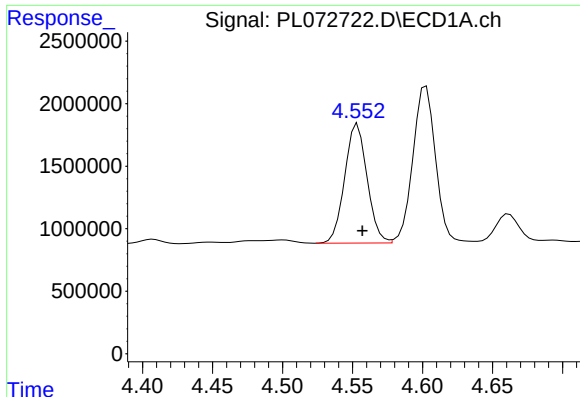
Manual Integrations  
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Reviewed By :Abdul Mirza 02/16/2022  
Supervised By :Ankita Jodhani 02/16/2022

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 16 01:58:06 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





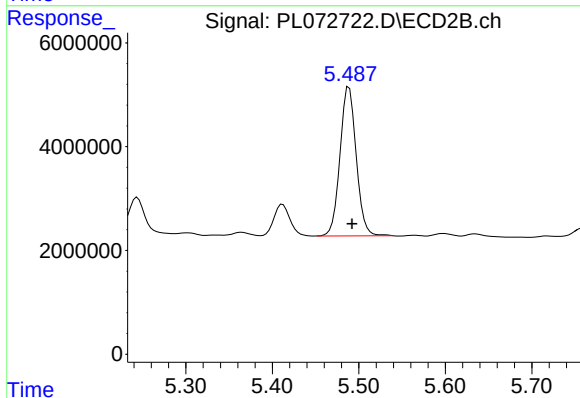
#1 Tetrachloro-m-xylene

R.T.: 4.554 min  
Delta R.T.: -0.003 min  
Response: 10622766  
Conc: 22.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SPLP-LEACHATE-AMENDED-COMPMS

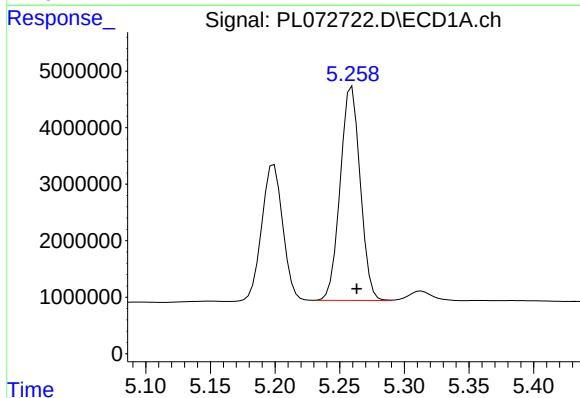
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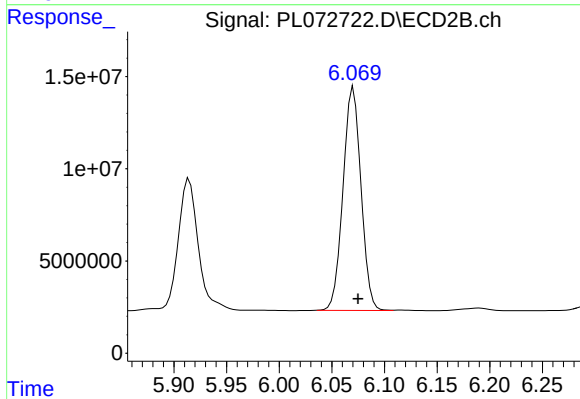
#1 Tetrachloro-m-xylene

R.T.: 5.489 min  
Delta R.T.: -0.003 min  
Response: 37147109  
Conc: 21.50 ng/ml



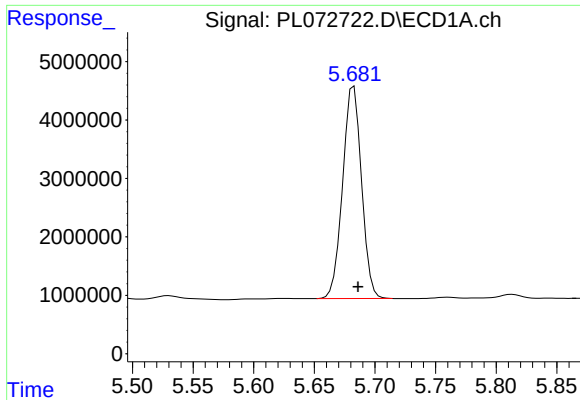
#2 alpha-BHC

R.T.: 5.259 min  
Delta R.T.: -0.004 min  
Response: 40640572  
Conc: 61.64 ng/ml



#2 alpha-BHC

R.T.: 6.071 min  
Delta R.T.: -0.004 min  
Response: 144486498  
Conc: 60.34 ng/ml



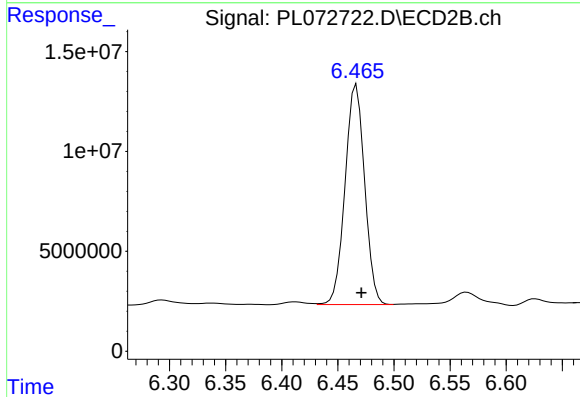
#3 gamma-BHC (Lindane)

R.T.: 5.683 min  
Delta R.T.: -0.004 min  
Response: 39331590  
Conc: 62.58 ng/ml

Instrument :  
ECD\_L  
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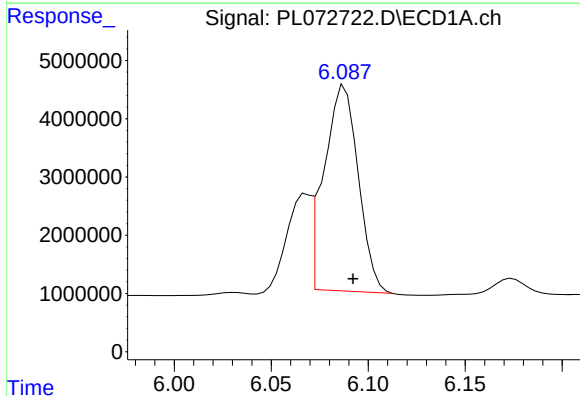
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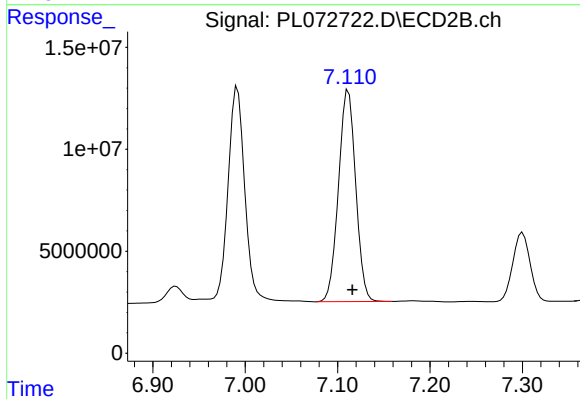
#3 gamma-BHC (Lindane)

R.T.: 6.467 min  
Delta R.T.: -0.004 min  
Response: 133481768  
Conc: 57.97 ng/ml



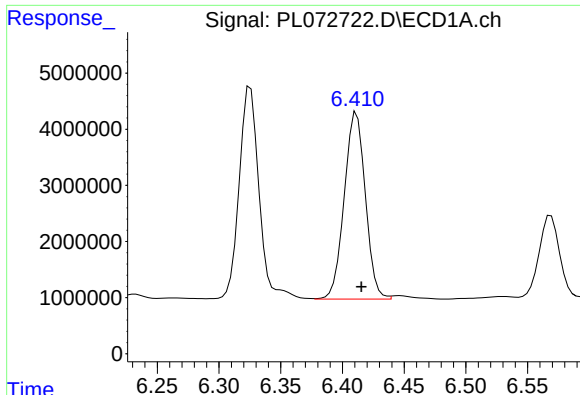
#4 Heptachlor

R.T.: 6.087 min  
Delta R.T.: -0.006 min  
Response: 41977270  
Conc: 57.51 ng/ml m



#4 Heptachlor

R.T.: 7.112 min  
Delta R.T.: -0.004 min  
Response: 134636447  
Conc: 59.13 ng/ml



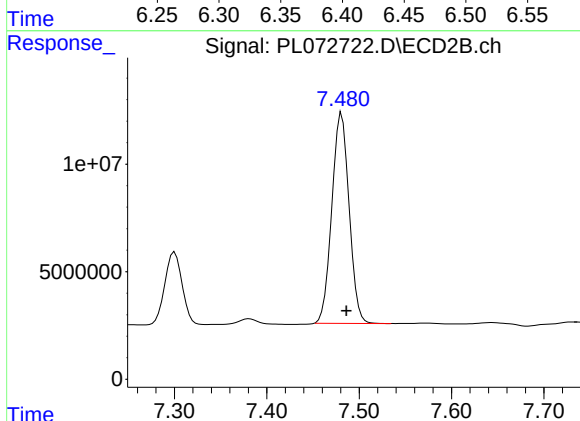
#5 Aldrin

R.T.: 6.412 min  
Delta R.T.: -0.004 min  
Response: 39611037  
Conc: 61.35 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SPLP-LEACHATE-AMENDED-COMPMS

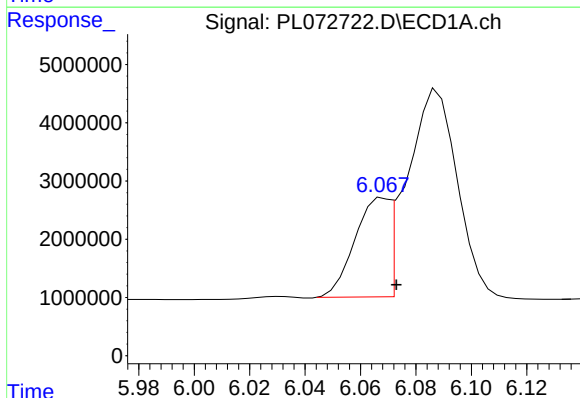
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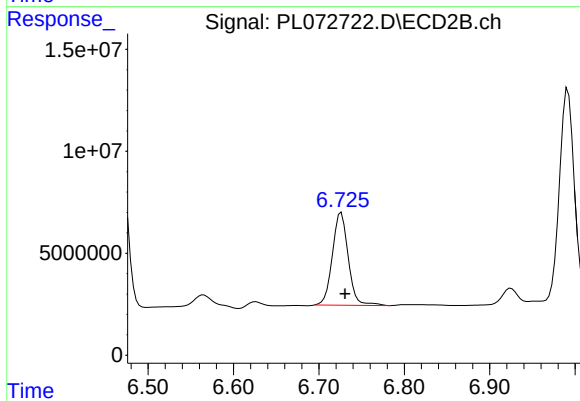
#5 Aldrin

R.T.: 7.481 min  
Delta R.T.: -0.005 min  
Response: 126965688  
Conc: 59.39 ng/ml



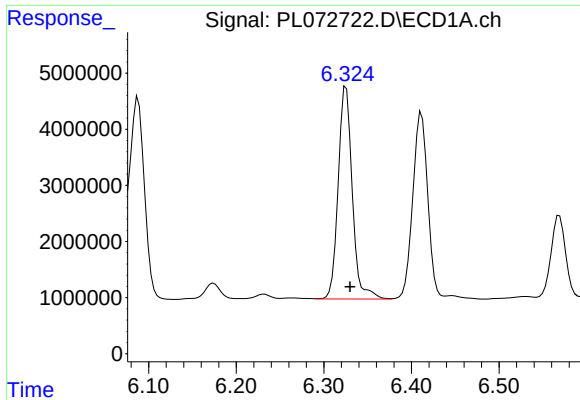
#6 beta-BHC

R.T.: 6.067 min  
Delta R.T.: -0.006 min  
Response: 13436256  
Conc: 54.22 ng/ml m



#6 beta-BHC

R.T.: 6.726 min  
Delta R.T.: -0.004 min  
Response: 58735234  
Conc: 57.62 ng/ml



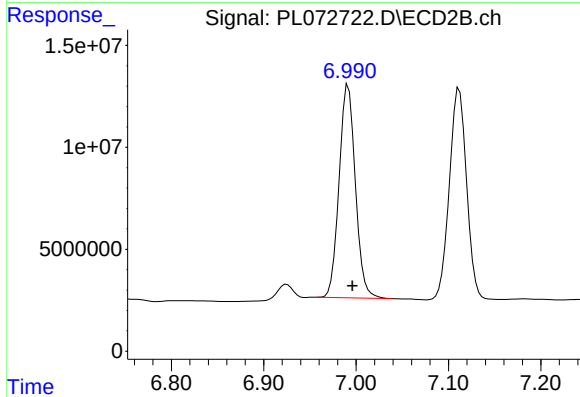
#7 delta-BHC

R.T.: 6.325 min  
Delta R.T.: -0.004 min  
Response: 42379414  
Conc: 64.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SPLP-LEACHATE-AMENDED-COMPMS

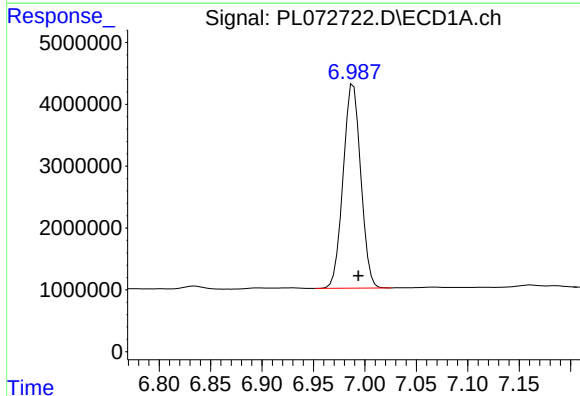
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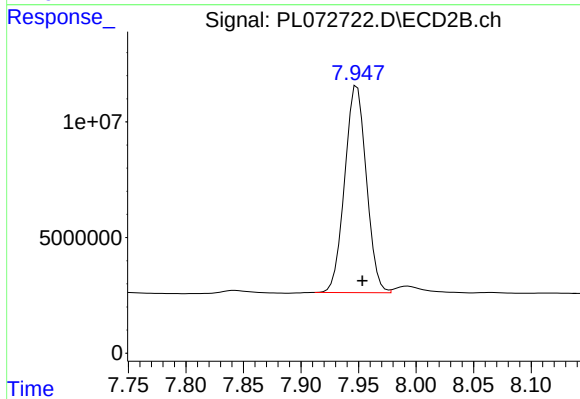
#7 delta-BHC

R.T.: 6.992 min  
Delta R.T.: -0.005 min  
Response: 127956801  
Conc: 55.85 ng/ml



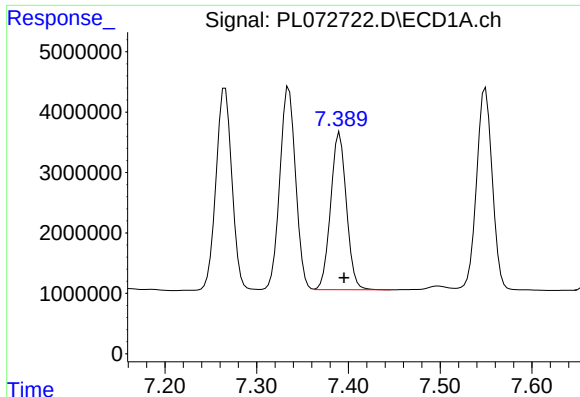
#8 Heptachlor epoxide

R.T.: 6.989 min  
Delta R.T.: -0.005 min  
Response: 39367390  
Conc: 62.44 ng/ml



#8 Heptachlor epoxide

R.T.: 7.949 min  
Delta R.T.: -0.005 min  
Response: 117581679  
Conc: 60.95 ng/ml



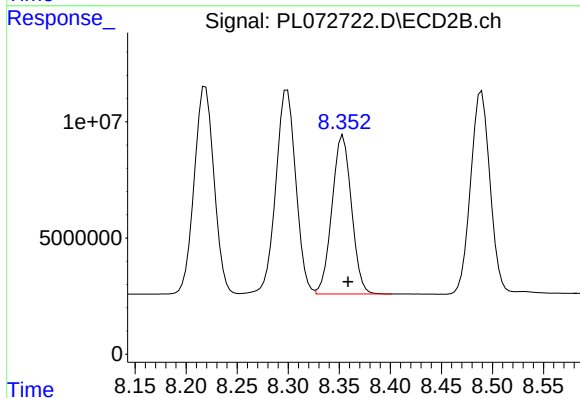
#9 Endosulfan I

R.T.: 7.391 min  
Delta R.T.: -0.005 min  
Response: 31071803  
Conc: 53.11 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SPLP-LEACHATE-AMENDED-COMPMS

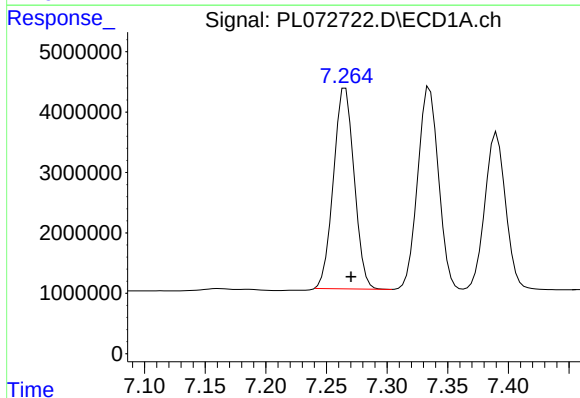
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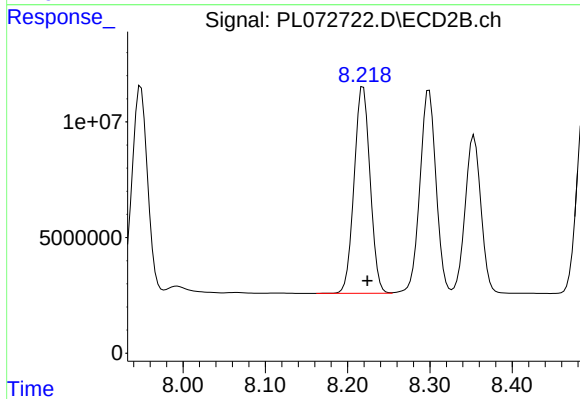
#9 Endosulfan I

R.T.: 8.354 min  
Delta R.T.: -0.005 min  
Response: 90664429  
Conc: 51.82 ng/ml



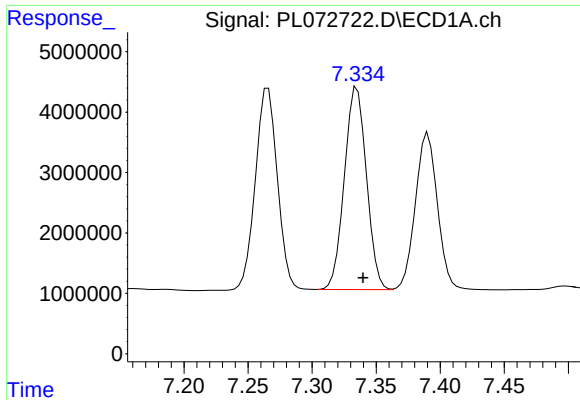
#10 gamma-Chlordane

R.T.: 7.266 min  
Delta R.T.: -0.005 min  
Response: 39413665  
Conc: 62.22 ng/ml



#10 gamma-Chlordane

R.T.: 8.219 min  
Delta R.T.: -0.005 min  
Response: 120448194  
Conc: 62.27 ng/ml



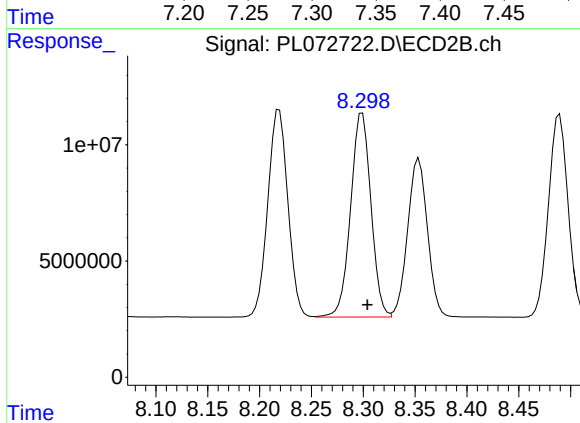
#11 alpha-Chlordane

R.T.: 7.335 min  
Delta R.T.: -0.005 min  
Response: 40105664  
Conc: 62.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SPLP-LEACHATE-AMENDED-COMPMS

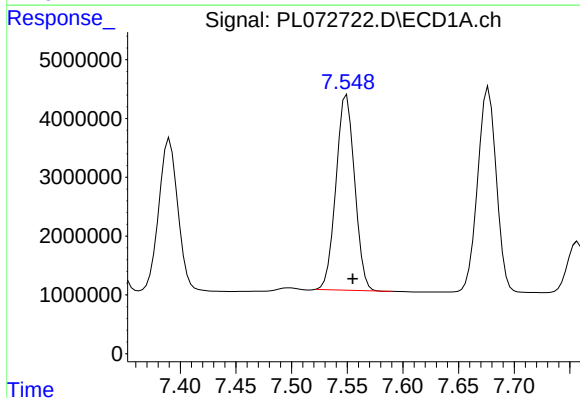
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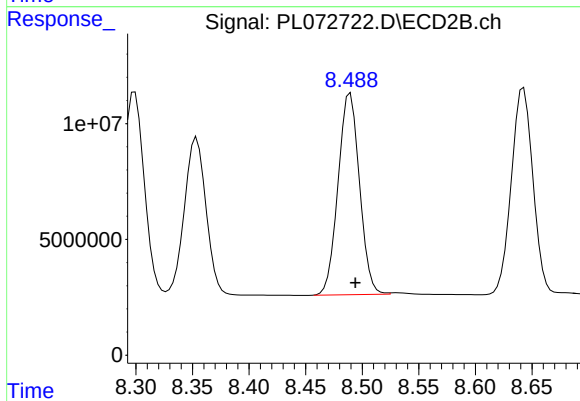
#11 alpha-Chlordane

R.T.: 8.299 min  
Delta R.T.: -0.005 min  
Response: 119877711  
Conc: 63.09 ng/ml



#12 4,4'-DDE

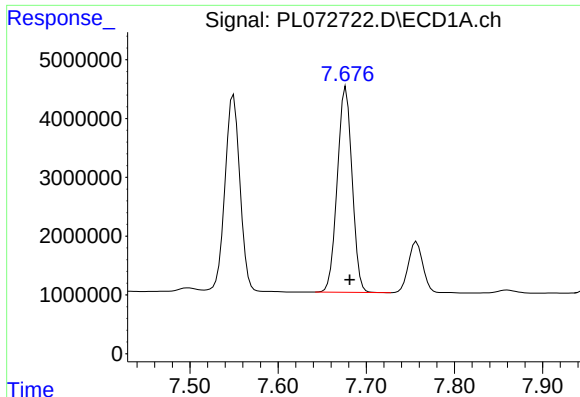
R.T.: 7.550 min  
Delta R.T.: -0.005 min  
Response: 38728045  
Conc: 63.73 ng/ml



#12 4,4'-DDE

R.T.: 8.489 min  
Delta R.T.: -0.005 min  
Response: 114707419  
Conc: 61.37 ng/ml





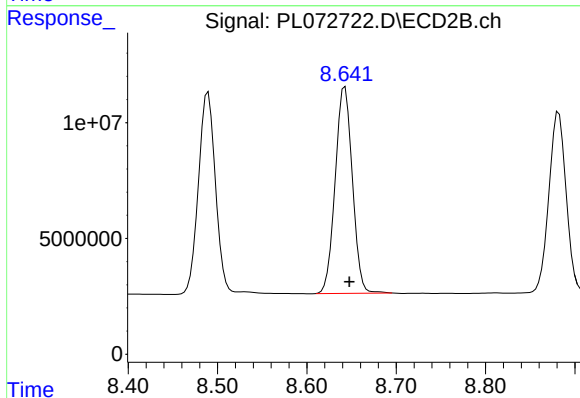
#13 Dieldrin

R.T.: 7.677 min  
Delta R.T.: -0.004 min  
Response: 40718682  
Conc: 64.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SPLP-LEACHATE-AMENDED-COMPMS

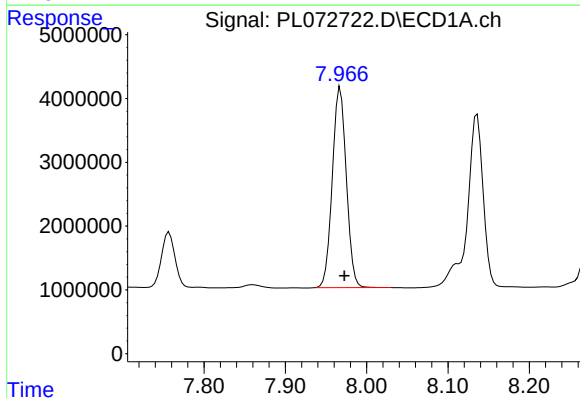
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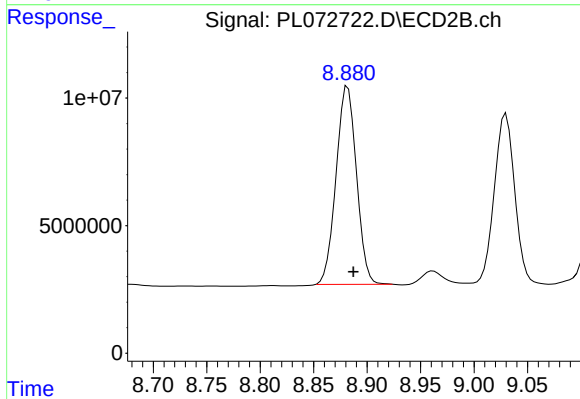
#13 Dieldrin

R.T.: 8.643 min  
Delta R.T.: -0.005 min  
Response: 119238375  
Conc: 63.98 ng/ml



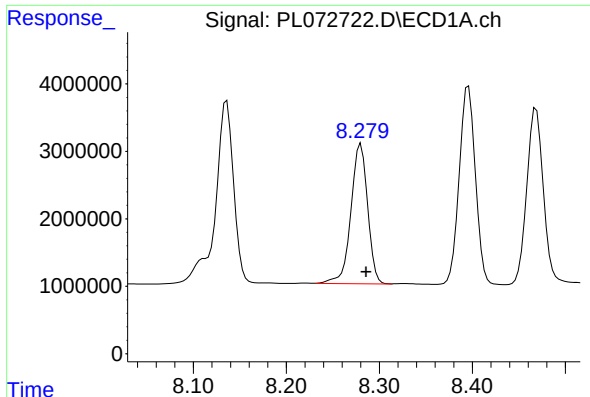
#14 Endrin

R.T.: 7.968 min  
Delta R.T.: -0.005 min  
Response: 37706339  
Conc: 64.37 ng/ml



#14 Endrin

R.T.: 8.882 min  
Delta R.T.: -0.005 min  
Response: 103355486  
Conc: 65.60 ng/ml



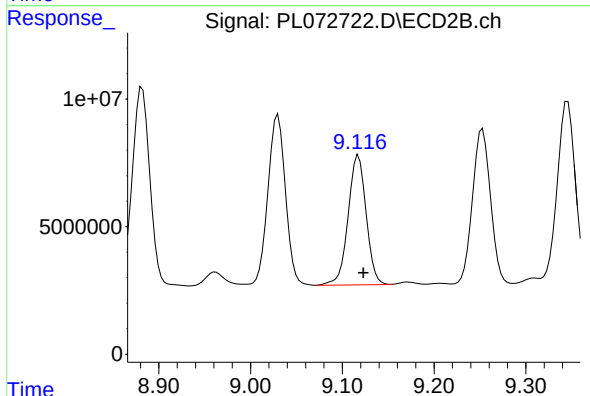
#15 Endosulfan II

R.T.: 8.280 min  
Delta R.T.: -0.006 min  
Response: 25972405  
Conc: 42.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SPLP-LEACHATE-AMENDED-COMPMS

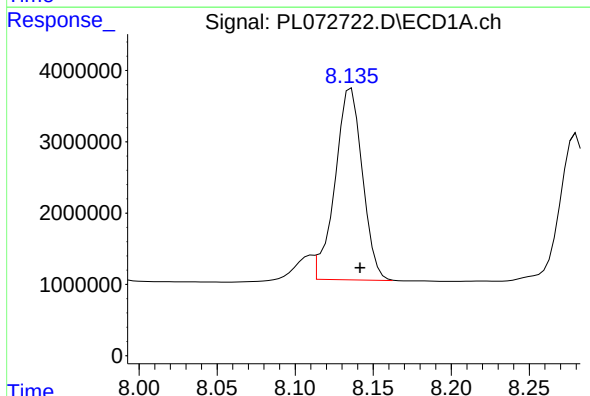
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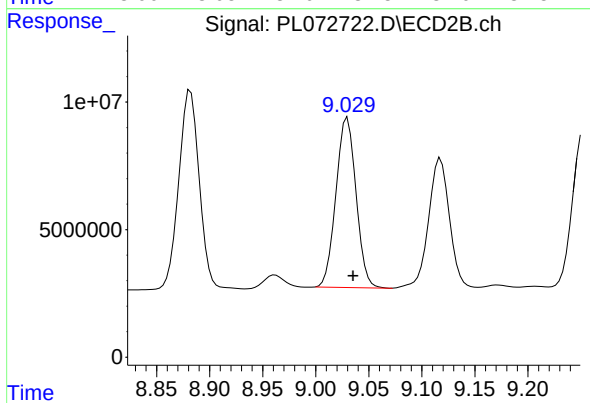
#15 Endosulfan II

R.T.: 9.118 min  
Delta R.T.: -0.006 min  
Response: 69413188  
Conc: 41.28 ng/ml



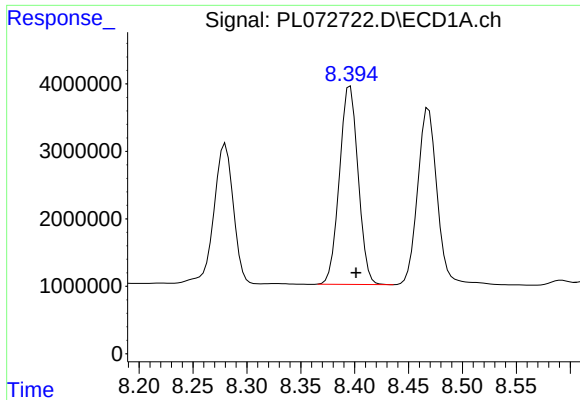
#16 4,4'-DDD

R.T.: 8.135 min  
Delta R.T.: -0.007 min  
Response: 32559159  
Conc: 67.68 ng/ml m



#16 4,4'-DDD

R.T.: 9.030 min  
Delta R.T.: -0.005 min  
Response: 87674324  
Conc: 63.36 ng/ml



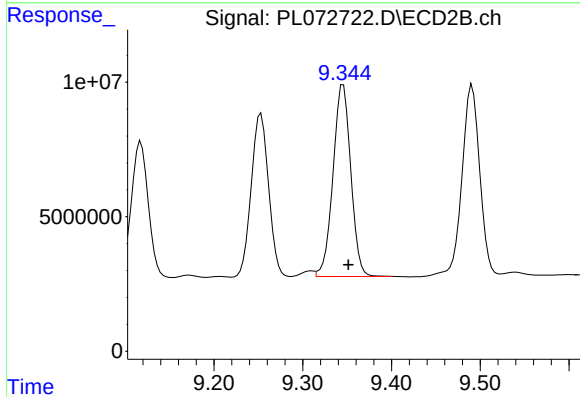
#17 4,4'-DDT

R.T.: 8.396 min  
Delta R.T.: -0.005 min  
Response: 35481771  
Conc: 65.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SPLP-LEACHATE-AMENDED-COMPMS

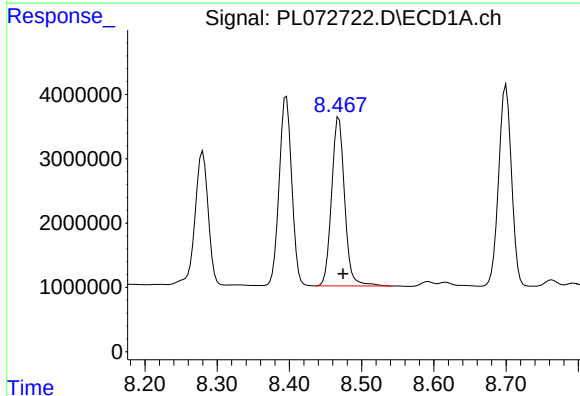
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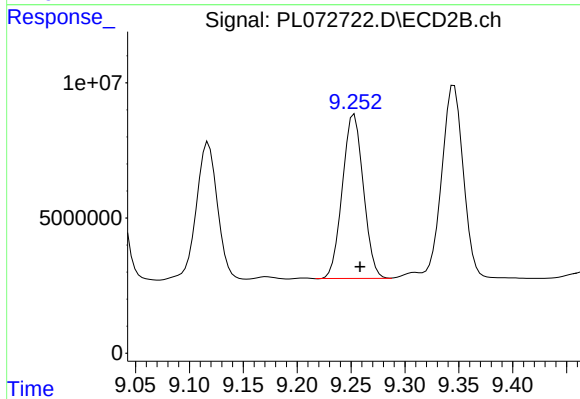
#17 4,4'-DDT

R.T.: 9.346 min  
Delta R.T.: -0.006 min  
Response: 99263690  
Conc: 64.84 ng/ml



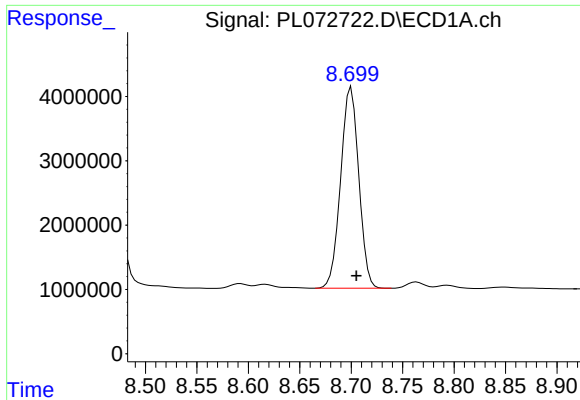
#18 Endrin aldehyde

R.T.: 8.469 min  
Delta R.T.: -0.005 min  
Response: 32966739  
Conc: 75.63 ng/ml



#18 Endrin aldehyde

R.T.: 9.253 min  
Delta R.T.: -0.005 min  
Response: 82393111  
Conc: 73.21 ng/ml



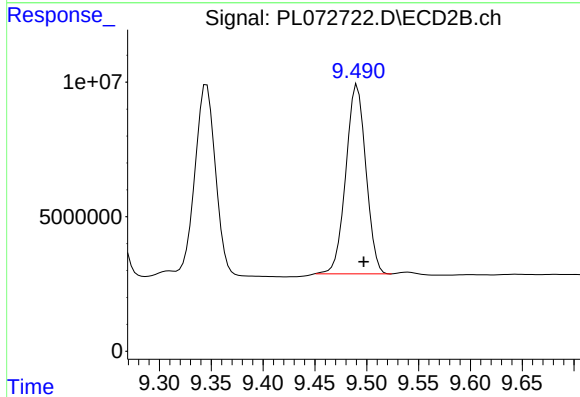
#19 Endosulfan Sulfate

R.T.: 8.700 min  
Delta R.T.: -0.005 min  
Response: 38336847  
Conc: 64.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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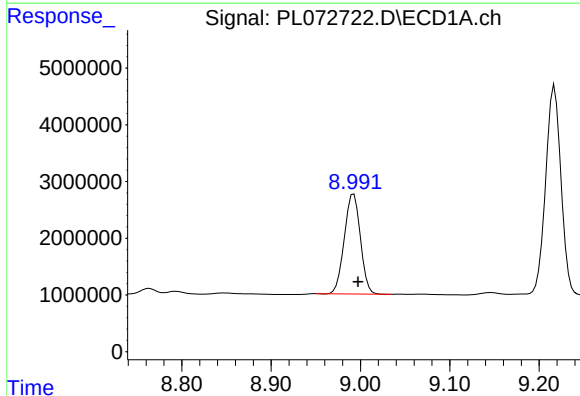
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Supervised By :Ankita Jodhani 02/16/2022



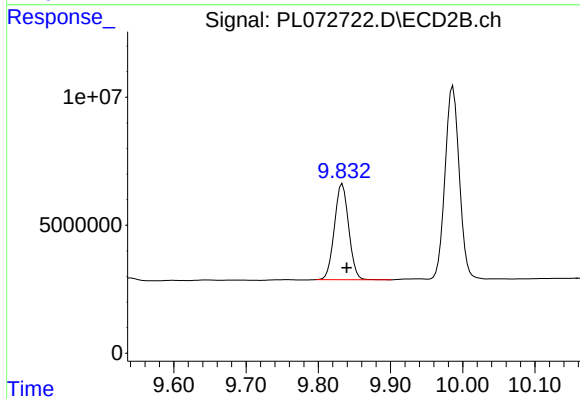
#19 Endosulfan Sulfate

R.T.: 9.491 min  
Delta R.T.: -0.006 min  
Response: 94719616  
Conc: 63.32 ng/ml



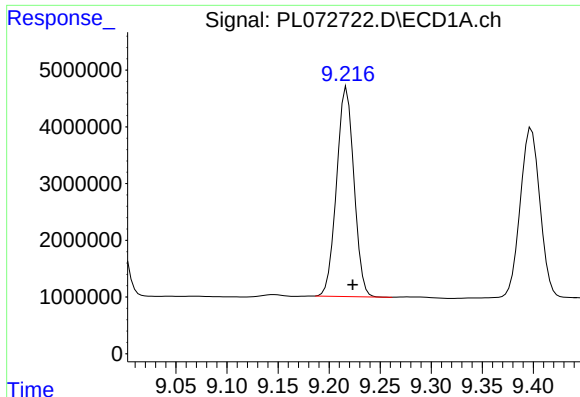
#20 Methoxychlor

R.T.: 8.992 min  
Delta R.T.: -0.005 min  
Response: 22023496  
Conc: 62.63 ng/ml



#20 Methoxychlor

R.T.: 9.833 min  
Delta R.T.: -0.006 min  
Response: 51583867  
Conc: 63.71 ng/ml



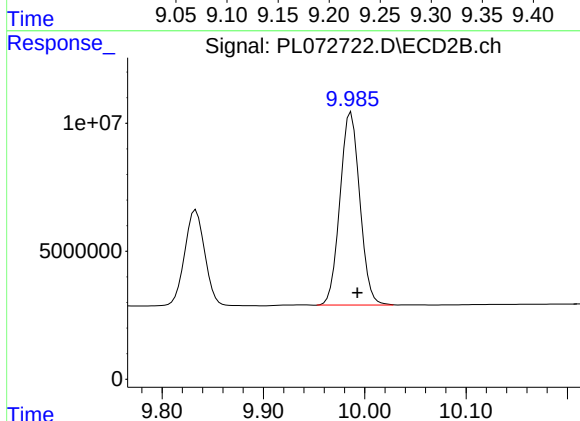
#21 Endrin ketone

R.T.: 9.217 min  
Delta R.T.: -0.006 min  
Response: 43702594  
Conc: 63.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SPLP-LEACHATE-AMENDED-COMPMS

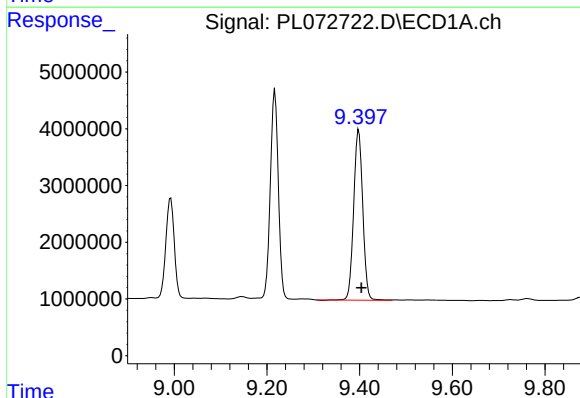
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/16/2022  
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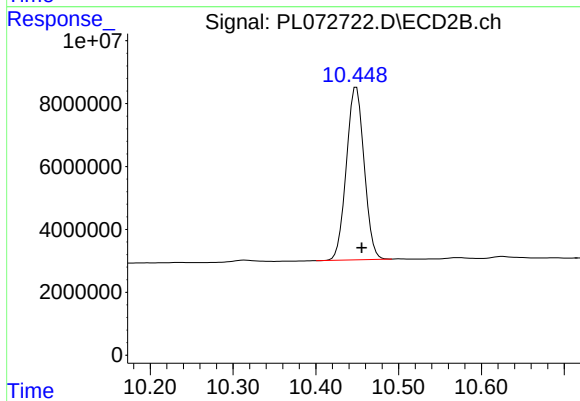
#21 Endrin ketone

R.T.: 9.985 min  
Delta R.T.: -0.008 min  
Response: 102435685  
Conc: 64.29 ng/ml m



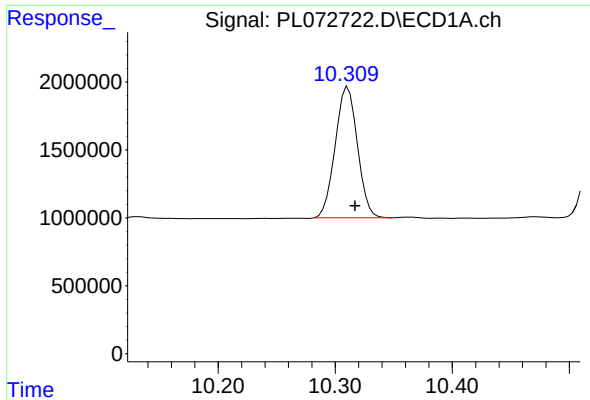
#22 Mirex

R.T.: 9.398 min  
Delta R.T.: -0.006 min  
Response: 40831442  
Conc: 68.83 ng/ml



#22 Mirex

R.T.: 10.449 min  
Delta R.T.: -0.007 min  
Response: 81857836  
Conc: 69.73 ng/ml



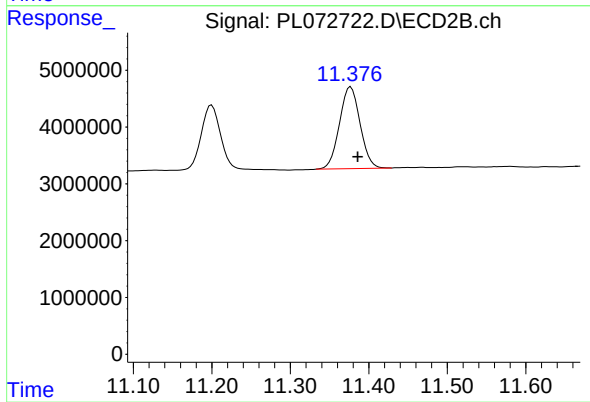
#28 Decachlorobiphenyl

R.T.: 10.311 min  
Delta R.T.: -0.006 min  
Response: 12707336  
Conc: 16.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
SPLP-LEACHATE-AMENDED-COMPMS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/16/2022  
Supervised By :Ankita Jodhani 02/16/2022



#28 Decachlorobiphenyl

R.T.: 11.377 min  
Delta R.T.: -0.009 min  
Response: 26307311  
Conc: 16.59 ng/ml