

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012822\  
 Data File : PL072331.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Jan 2022 21:14  
 Operator : AR\AJ  
 Sample : N1303-02MSD  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 CC-5MSD

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 01/31/2022  
 Supervised By : Ankita Jodhani 01/31/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 29 01:34:48 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... | 4.558  | 5.493  | 11557398 | 35267661 | 20.817 | 21.715  |
| 28)                         | SA Decachlor... | 10.318 | 11.387 | 18164992 | 32709342 | 20.446 | 20.272  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 5.264  | 6.075  | 43870994 | 137.2E6  | 56.738 | 56.859  |
| 3)                          | MA gamma-BHC... | 5.687  | 6.469  | 42455216 | 129.2E6  | 56.305 | 57.419m |
| 4)                          | MA Heptachlor   | 6.093  | 7.117  | 47696318 | 127.3E6  | 55.288 | 54.908  |
| 5)                          | MB Aldrin       | 6.417  | 7.487  | 44739261 | 124.7E6  | 56.658 | 56.407  |
| 6)                          | B beta-BHC      | 6.072  | 6.730  | 17230955 | 53478645 | 52.126 | 54.013  |
| 7)                          | B delta-BHC     | 6.330  | 6.996  | 44167074 | 126.8E6  | 55.757 | 51.523  |
| 8)                          | B Heptachlo...  | 6.994  | 7.954  | 42758894 | 109.2E6  | 56.171 | 54.547  |
| 9)                          | A Endosulfan I  | 7.397  | 8.360  | 40258353 | 99297591 | 56.645 | 54.858  |
| 10)                         | B gamma-Chl...  | 7.272  | 8.225  | 43936520 | 110.6E6  | 55.919 | 54.751  |
| 11)                         | B alpha-Chl...  | 7.341  | 8.305  | 43608557 | 108.4E6  | 55.588 | 54.666  |
| 12)                         | B 4,4'-DDE      | 7.556  | 8.495  | 42200646 | 106.2E6  | 58.451 | 56.154  |
| 13)                         | MA Dieldrin     | 7.683  | 8.649  | 43226693 | 107.3E6  | 57.056 | 54.592  |
| 14)                         | MA Endrin       | 7.974  | 8.887  | 37771976 | 83687424 | 53.909 | 50.475  |
| 15)                         | B Endosulfa...  | 8.286  | 9.123  | 39156289 | 92563678 | 52.663 | 53.976  |
| 16)                         | A 4,4'-DDD      | 8.142  | 9.035  | 35307577 | 85309849 | 60.229 | 59.666  |
| 17)                         | MA 4,4'-DDT     | 8.403  | 9.352  | 33263120 | 74628853 | 50.090 | 47.217  |
| 18)                         | B Endrin al...  | 8.475  | 9.259  | 31877567 | 70289116 | 55.950 | 56.622  |
| 19)                         | B Endosulfa...  | 8.707  | 9.497  | 38302647 | 80266132 | 52.242 | 51.415  |
| 20)                         | A Methoxychlor  | 8.998  | 9.840  | 20594468 | 38220996 | 48.814 | 46.141  |
| 21)                         | B Endrin ke...  | 9.224  | 9.993  | 45753141 | 86271779 | 54.946 | 52.128  |
| 22)                         | Mirex           | 9.406  | 10.456 | 41371054 | 67460951 | 56.022 | 54.065  |
| -----                       |                 |        |        |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL012822\  
Data File : PL072331.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Jan 2022 21:14  
Operator : AR\AJ  
Sample : N1303-02MSD  
Misc :  
ALS Vial : 27 Sample Multiplier: 1

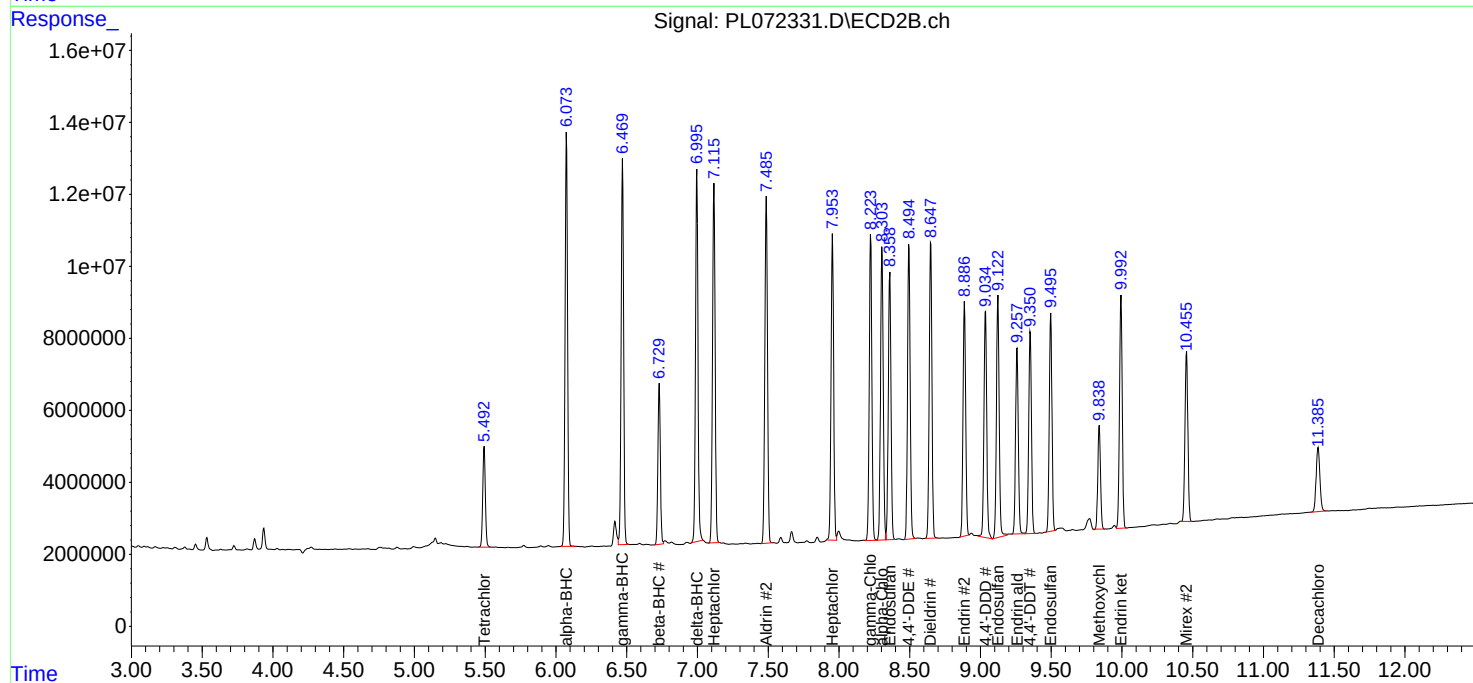
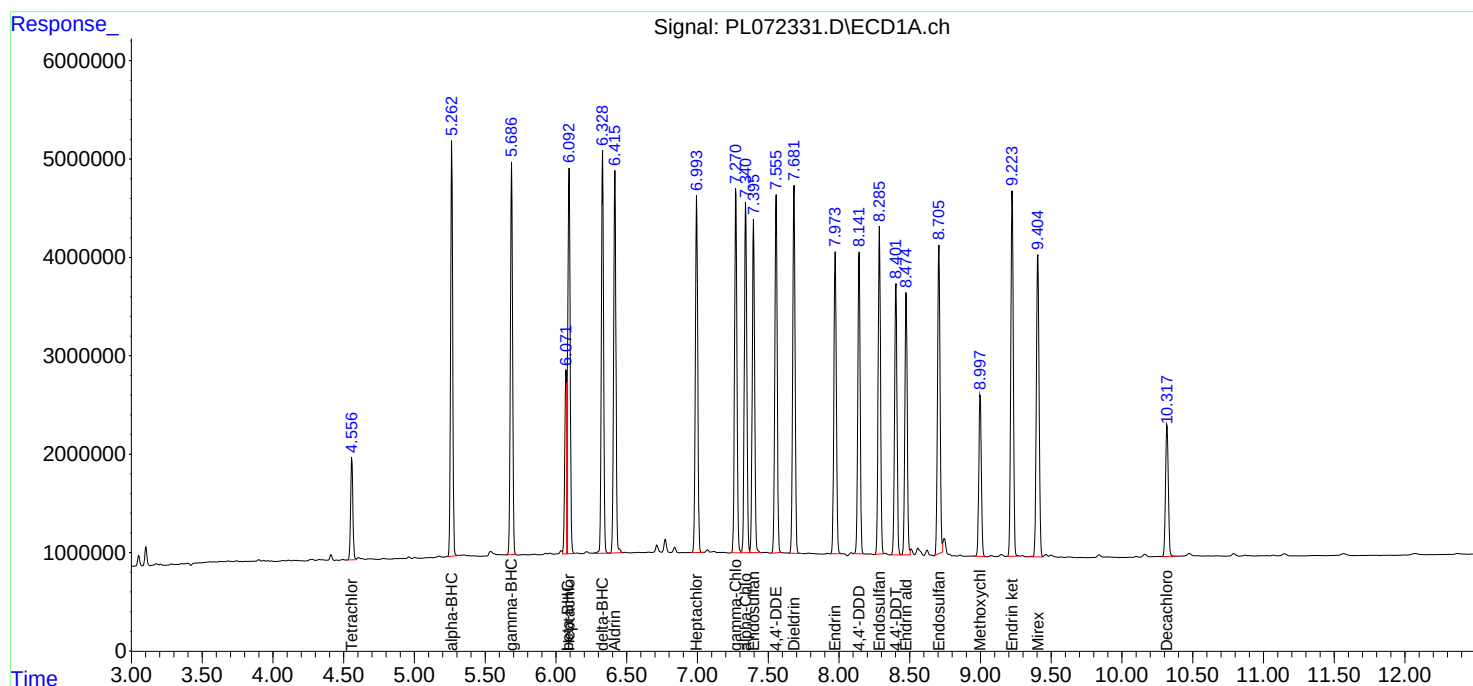
Instrument :  
ECD\_L  
ClientSampleId :  
CC-5MSD

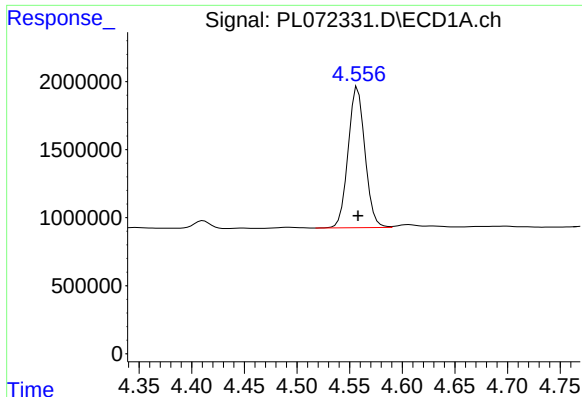
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 29 01:34:48 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL011722.M  
Quant Title : GC Extractables  
QLast Update : 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





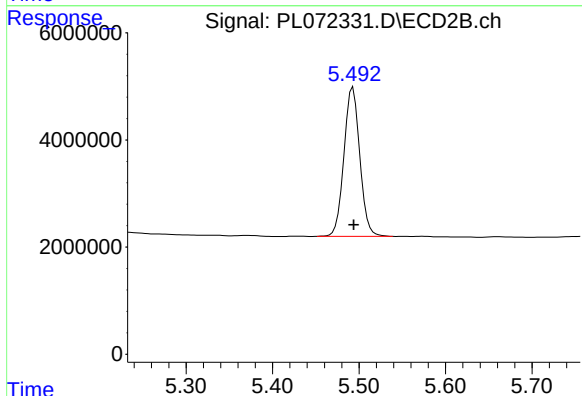
#1 Tetrachloro-m-xylene

R.T.: 4.558 min  
Delta R.T.: 0.000 min  
Response: 11557398  
Conc: 20.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CC-5MSD

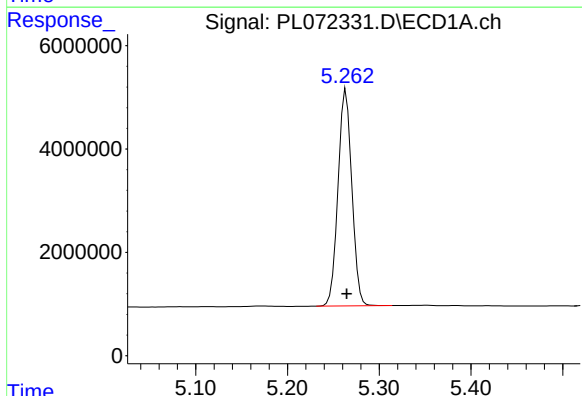
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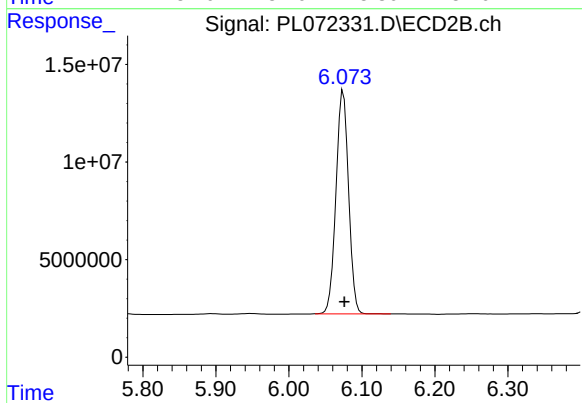
#1 Tetrachloro-m-xylene

R.T.: 5.493 min  
Delta R.T.: -0.001 min  
Response: 35267661  
Conc: 21.72 ng/ml



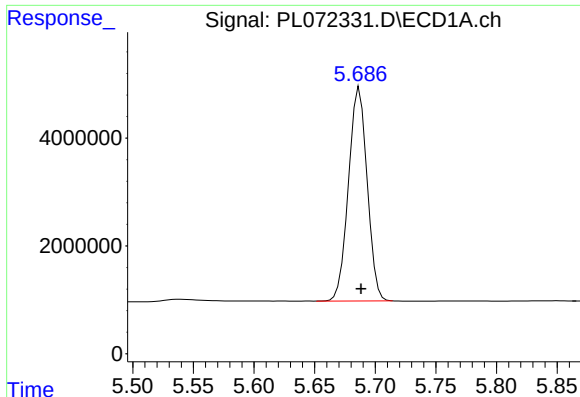
#2 alpha-BHC

R.T.: 5.264 min  
Delta R.T.: 0.000 min  
Response: 43870994  
Conc: 56.74 ng/ml



#2 alpha-BHC

R.T.: 6.075 min  
Delta R.T.: -0.001 min  
Response: 137192469  
Conc: 56.86 ng/ml



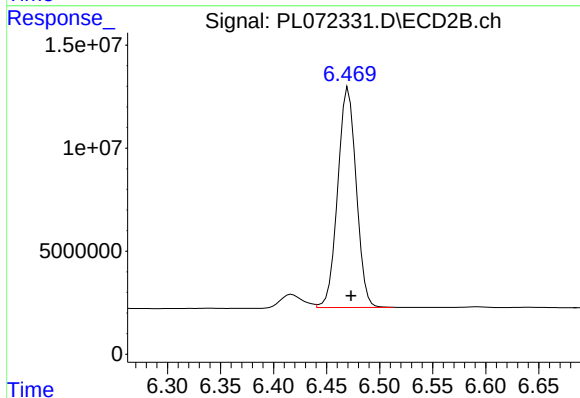
#3 gamma-BHC (Lindane)

R.T.: 5.687 min  
Delta R.T.: -0.001 min  
Response: 42455216  
Conc: 56.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CC-5MSD

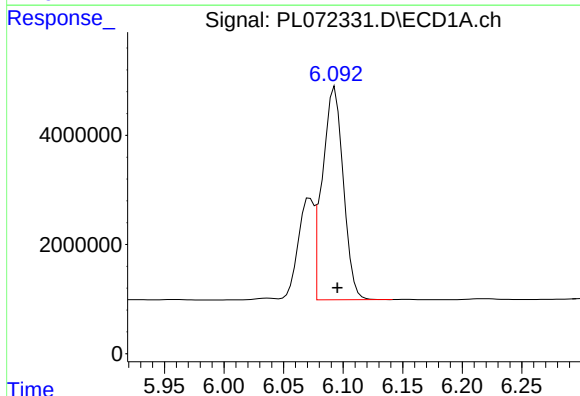
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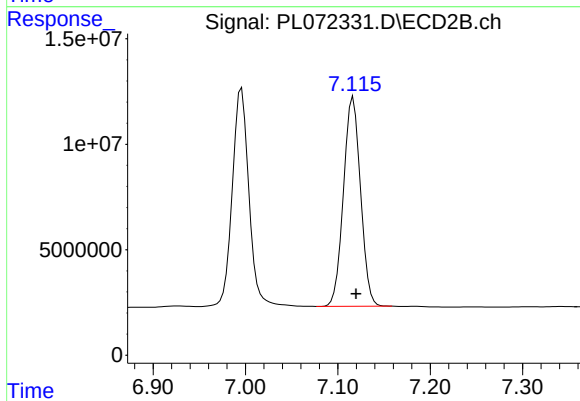
#3 gamma-BHC (Lindane)

R.T.: 6.469 min  
Delta R.T.: -0.004 min  
Response: 129210565  
Conc: 57.42 ng/ml m



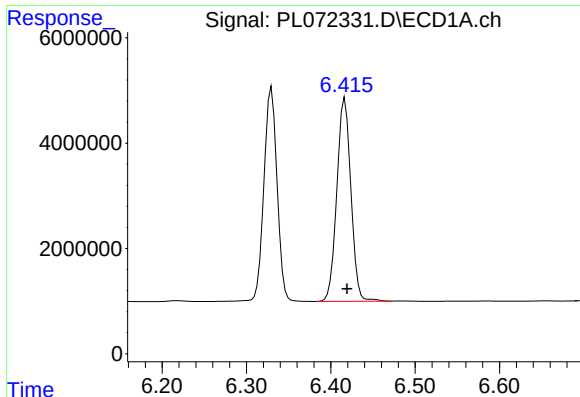
#4 Heptachlor

R.T.: 6.093 min  
Delta R.T.: -0.002 min  
Response: 47696318  
Conc: 55.29 ng/ml



#4 Heptachlor

R.T.: 7.117 min  
Delta R.T.: -0.003 min  
Response: 127302820  
Conc: 54.91 ng/ml



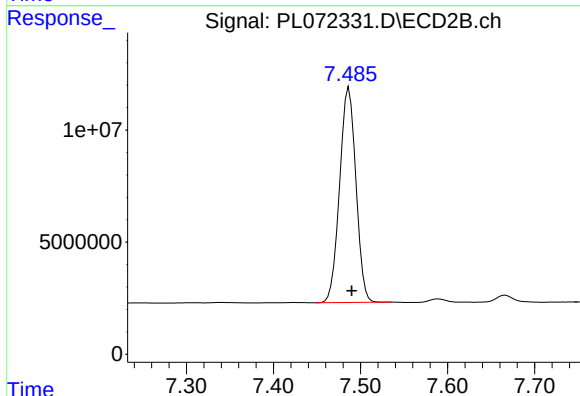
#5 Aldrin

R.T.: 6.417 min  
Delta R.T.: -0.002 min  
Response: 44739261  
Conc: 56.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CC-5MSD

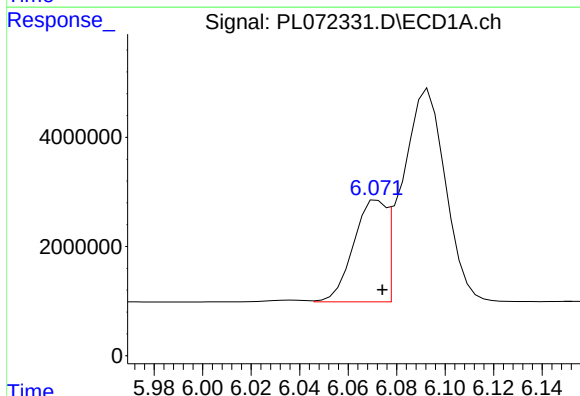
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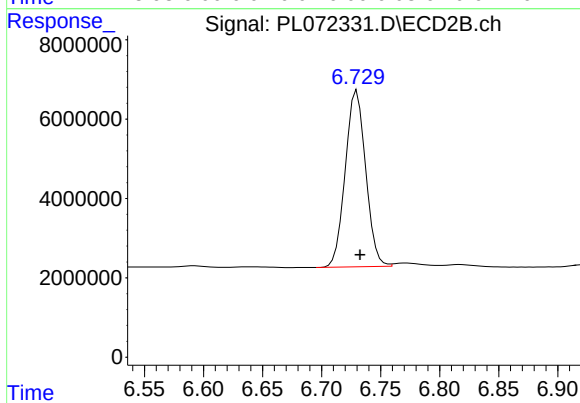
#5 Aldrin

R.T.: 7.487 min  
Delta R.T.: -0.003 min  
Response: 124728663  
Conc: 56.41 ng/ml



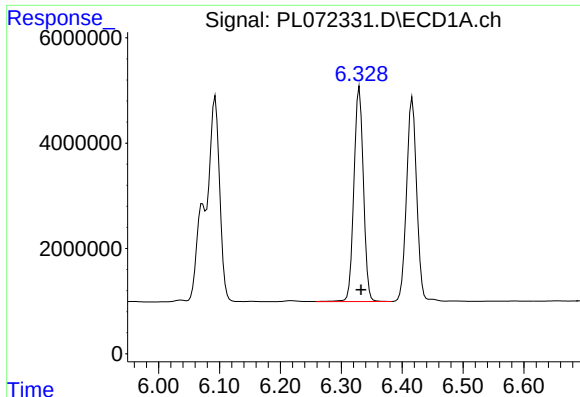
#6 beta-BHC

R.T.: 6.072 min  
Delta R.T.: -0.002 min  
Response: 17230955  
Conc: 52.13 ng/ml



#6 beta-BHC

R.T.: 6.730 min  
Delta R.T.: -0.002 min  
Response: 53478645  
Conc: 54.01 ng/ml



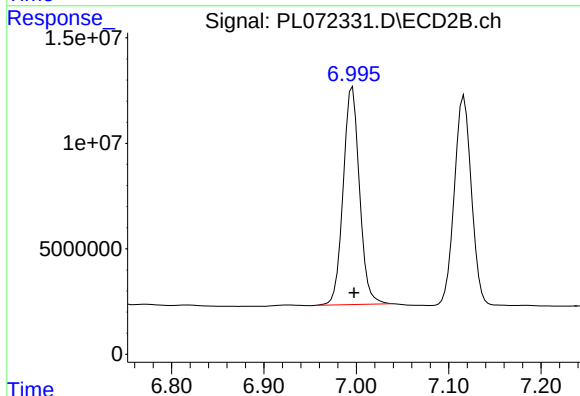
#7 delta-BHC

R.T.: 6.330 min  
Delta R.T.: -0.002 min  
Response: 44167074  
Conc: 55.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CC-5MSD

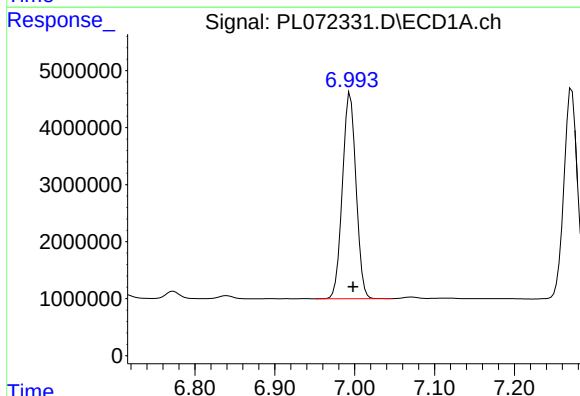
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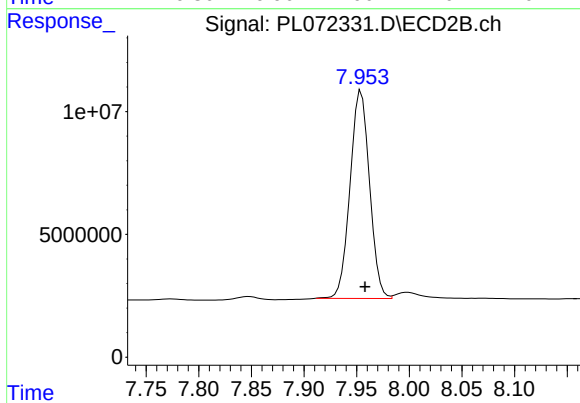
#7 delta-BHC

R.T.: 6.996 min  
Delta R.T.: -0.002 min  
Response: 126763117  
Conc: 51.52 ng/ml



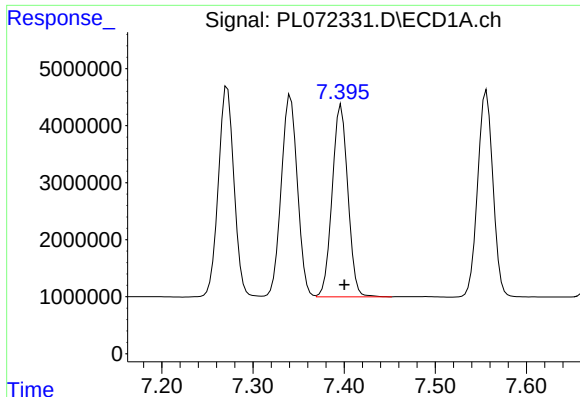
#8 Heptachlor epoxide

R.T.: 6.994 min  
Delta R.T.: -0.003 min  
Response: 42758894  
Conc: 56.17 ng/ml



#8 Heptachlor epoxide

R.T.: 7.954 min  
Delta R.T.: -0.004 min  
Response: 109220077  
Conc: 54.55 ng/ml



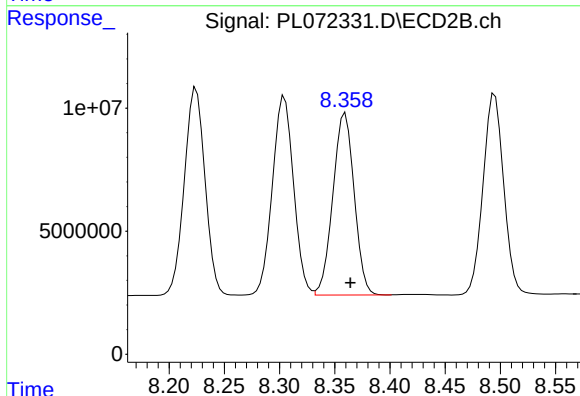
#9 Endosulfan I

R.T.: 7.397 min  
Delta R.T.: -0.003 min  
Response: 40258353  
Conc: 56.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CC-5MSD

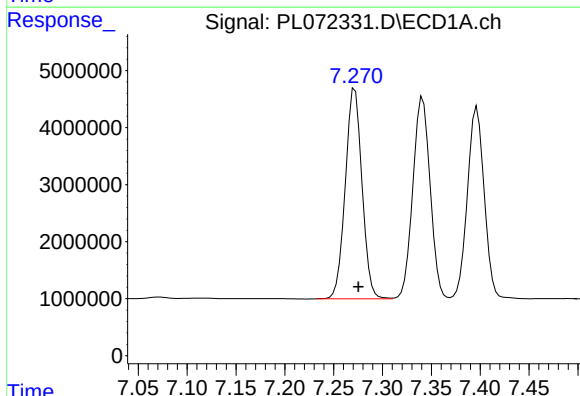
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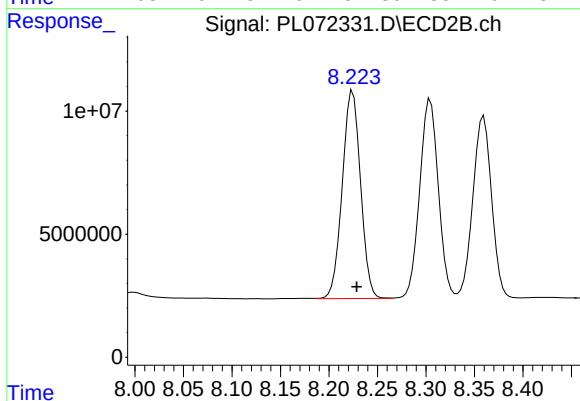
#9 Endosulfan I

R.T.: 8.360 min  
Delta R.T.: -0.005 min  
Response: 99297591  
Conc: 54.86 ng/ml



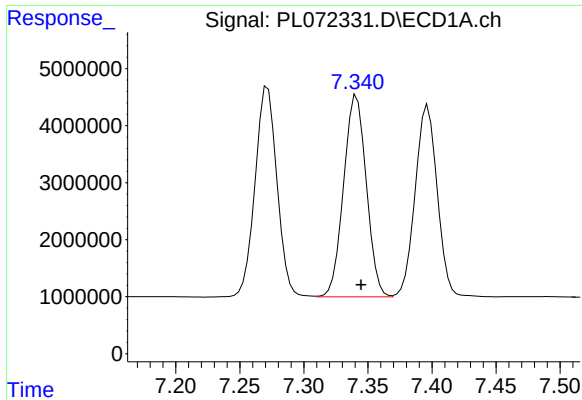
#10 gamma-Chlordane

R.T.: 7.272 min  
Delta R.T.: -0.004 min  
Response: 43936520  
Conc: 55.92 ng/ml



#10 gamma-Chlordane

R.T.: 8.225 min  
Delta R.T.: -0.004 min  
Response: 110642126  
Conc: 54.75 ng/ml



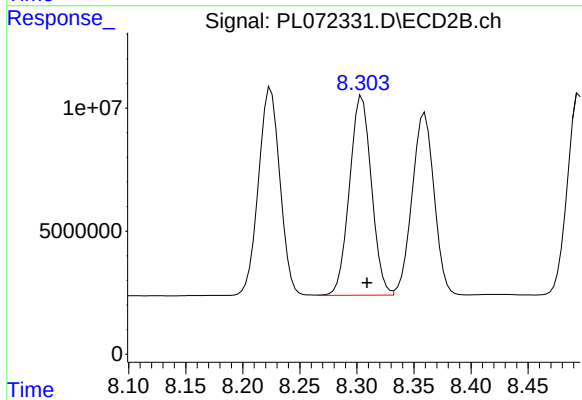
#11 alpha-Chlordane

R.T.: 7.341 min  
Delta R.T.: -0.003 min  
Response: 43608557  
Conc: 55.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CC-5MSD

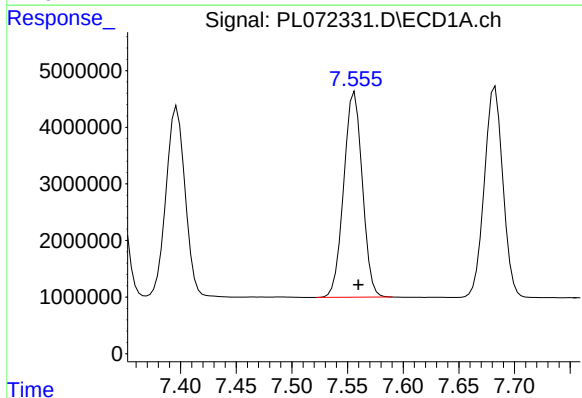
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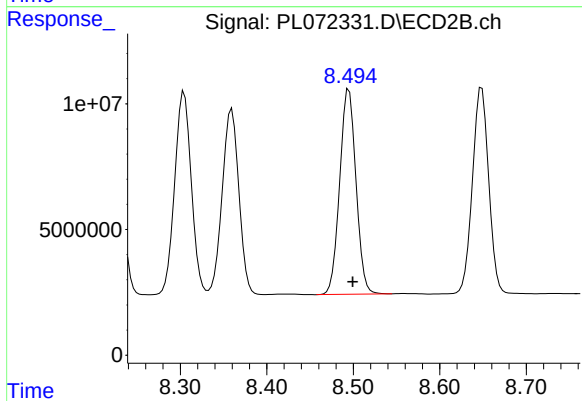
#11 alpha-Chlordane

R.T.: 8.305 min  
Delta R.T.: -0.004 min  
Response: 108392480  
Conc: 54.67 ng/ml



#12 4,4'-DDE

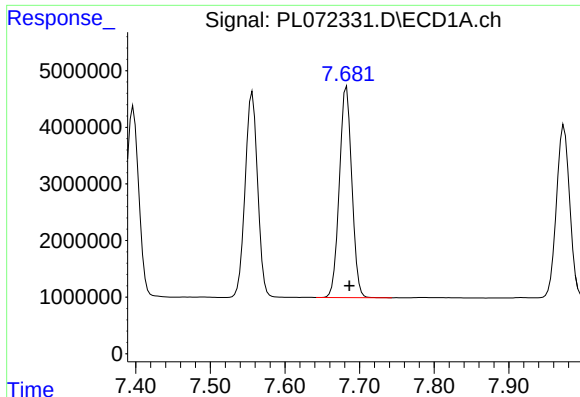
R.T.: 7.556 min  
Delta R.T.: -0.003 min  
Response: 42200646  
Conc: 58.45 ng/ml



#12 4,4'-DDE

R.T.: 8.495 min  
Delta R.T.: -0.004 min  
Response: 106200804  
Conc: 56.15 ng/ml





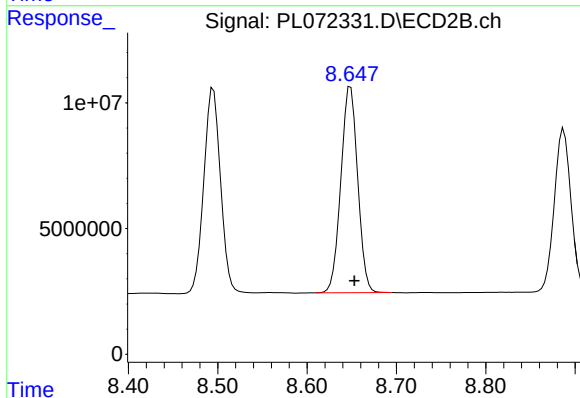
#13 Dieldrin

R.T.: 7.683 min  
Delta R.T.: -0.004 min  
Response: 43226693  
Conc: 57.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CC-5MSD

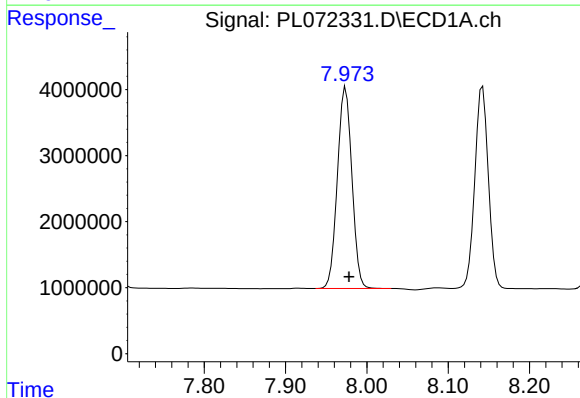
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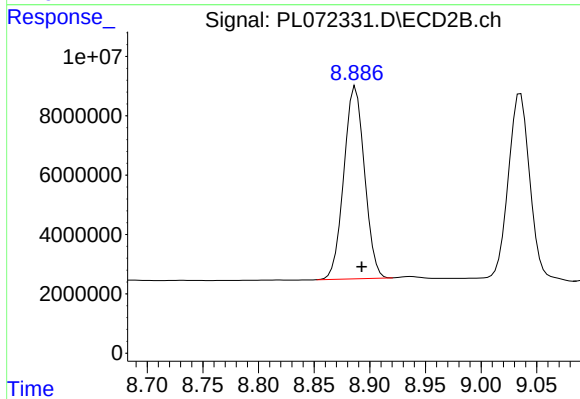
#13 Dieldrin

R.T.: 8.649 min  
Delta R.T.: -0.005 min  
Response: 107251340  
Conc: 54.59 ng/ml



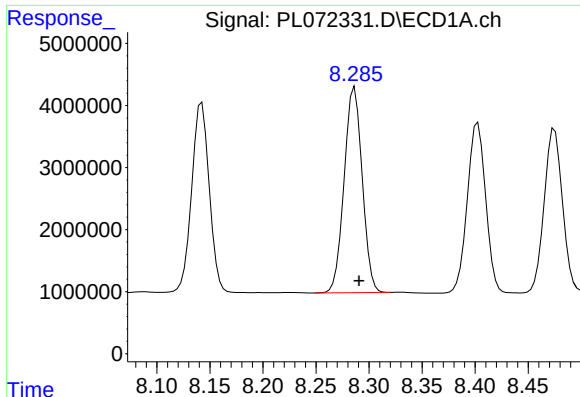
#14 Endrin

R.T.: 7.974 min  
Delta R.T.: -0.004 min  
Response: 37771976  
Conc: 53.91 ng/ml



#14 Endrin

R.T.: 8.887 min  
Delta R.T.: -0.006 min  
Response: 83687424  
Conc: 50.47 ng/ml



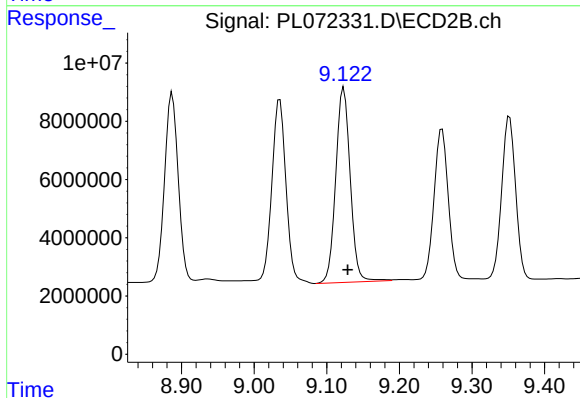
#15 Endosulfan II

R.T.: 8.286 min  
Delta R.T.: -0.004 min  
Response: 39156289  
Conc: 52.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CC-5MSD

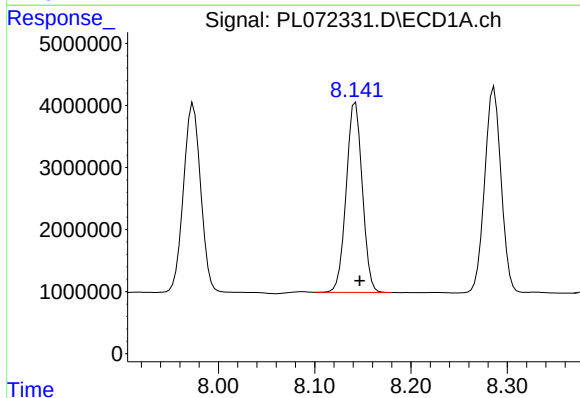
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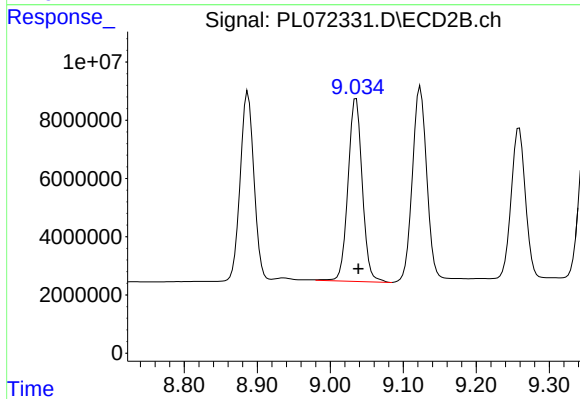
#15 Endosulfan II

R.T.: 9.123 min  
Delta R.T.: -0.006 min  
Response: 92563678  
Conc: 53.98 ng/ml



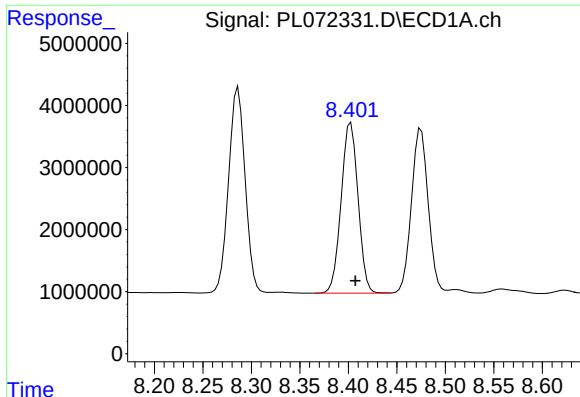
#16 4,4'-DDD

R.T.: 8.142 min  
Delta R.T.: -0.004 min  
Response: 35307577  
Conc: 60.23 ng/ml



#16 4,4'-DDD

R.T.: 9.035 min  
Delta R.T.: -0.003 min  
Response: 85309849  
Conc: 59.67 ng/ml



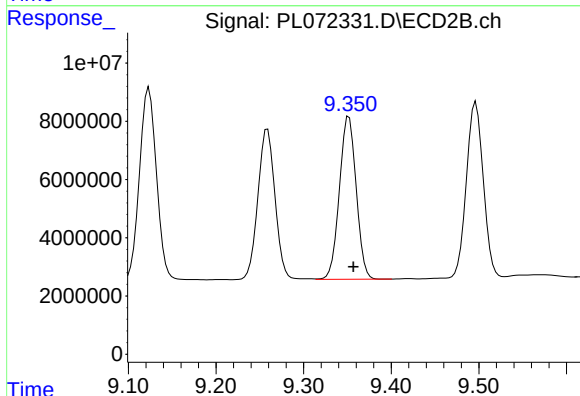
#17 4,4'-DDT

R.T.: 8.403 min  
Delta R.T.: -0.005 min  
Response: 33263120  
Conc: 50.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CC-5MSD

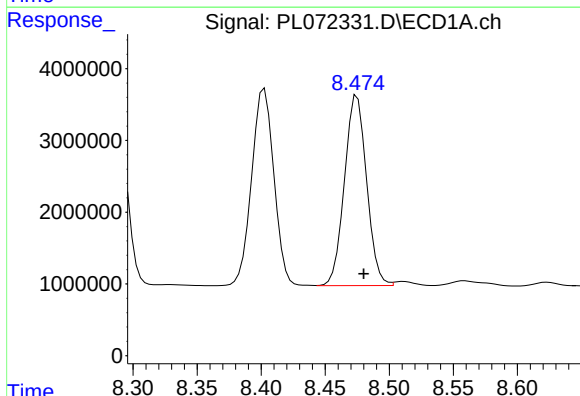
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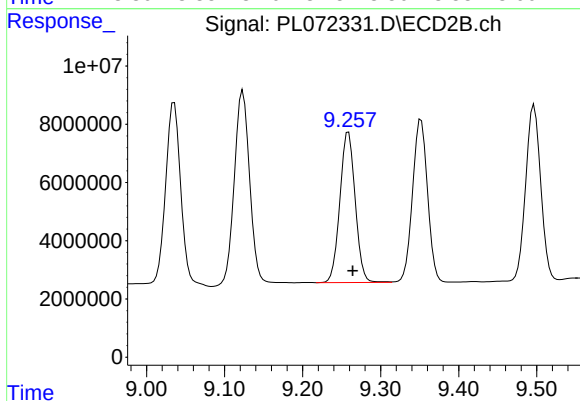
#17 4,4'-DDT

R.T.: 9.352 min  
Delta R.T.: -0.005 min  
Response: 74628853  
Conc: 47.22 ng/ml



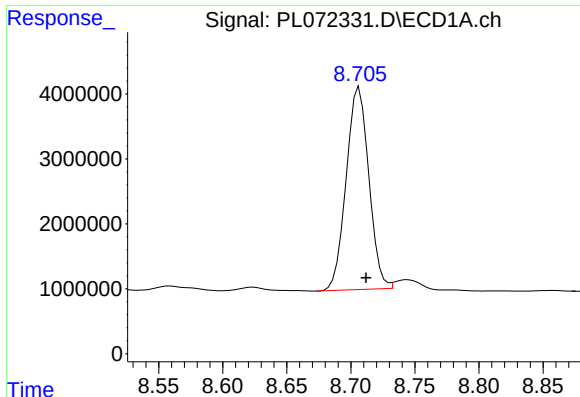
#18 Endrin aldehyde

R.T.: 8.475 min  
Delta R.T.: -0.005 min  
Response: 31877567  
Conc: 55.95 ng/ml



#18 Endrin aldehyde

R.T.: 9.259 min  
Delta R.T.: -0.005 min  
Response: 70289116  
Conc: 56.62 ng/ml



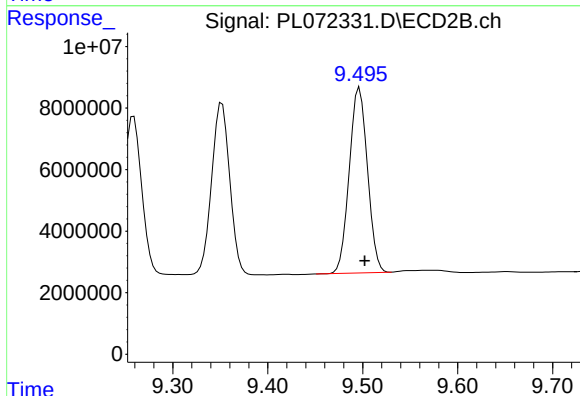
#19 Endosulfan Sulfate

R.T.: 8.707 min  
Delta R.T.: -0.005 min  
Response: 38302647  
Conc: 52.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CC-5MSD

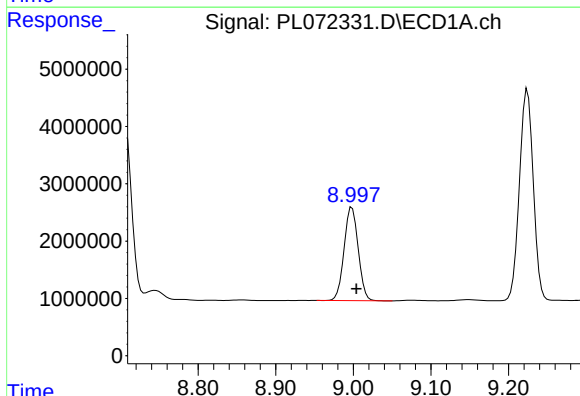
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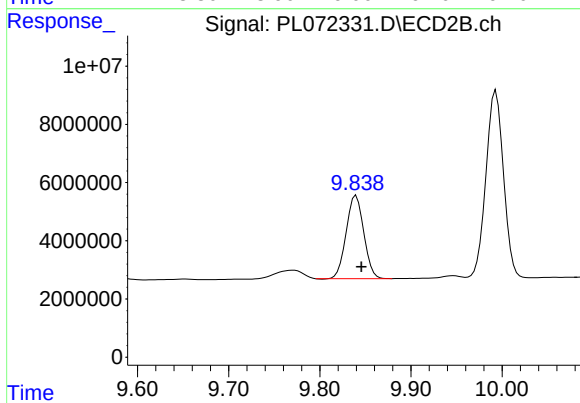
#19 Endosulfan Sulfate

R.T.: 9.497 min  
Delta R.T.: -0.005 min  
Response: 80266132  
Conc: 51.41 ng/ml



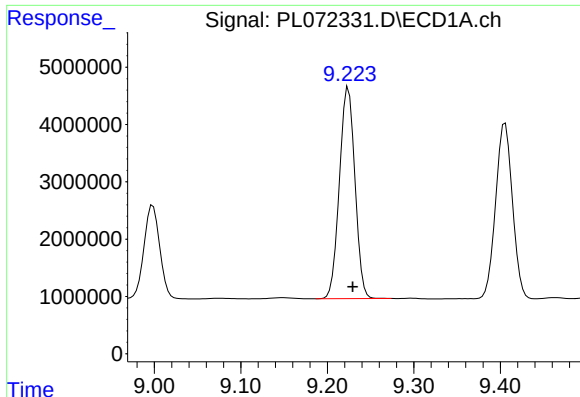
#20 Methoxychlor

R.T.: 8.998 min  
Delta R.T.: -0.006 min  
Response: 20594468  
Conc: 48.81 ng/ml



#20 Methoxychlor

R.T.: 9.840 min  
Delta R.T.: -0.006 min  
Response: 38220996  
Conc: 46.14 ng/ml



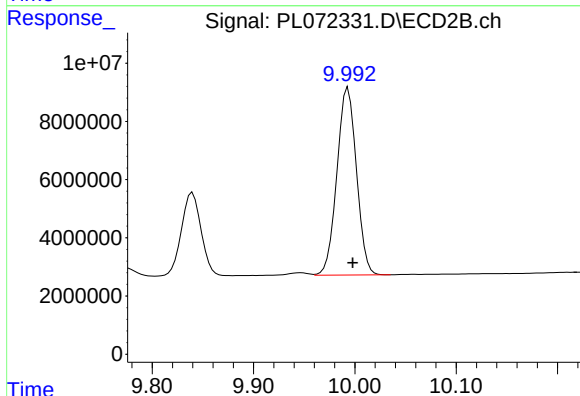
#21 Endrin ketone

R.T.: 9.224 min  
Delta R.T.: -0.005 min  
Response: 45753141  
Conc: 54.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CC-5MSD

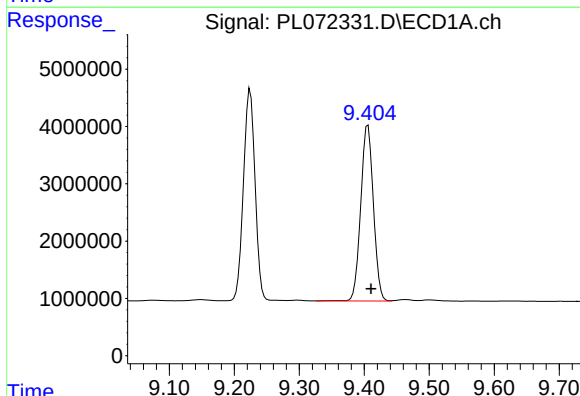
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/31/2022  
Supervised By :Ankita Jodhani 01/31/2022



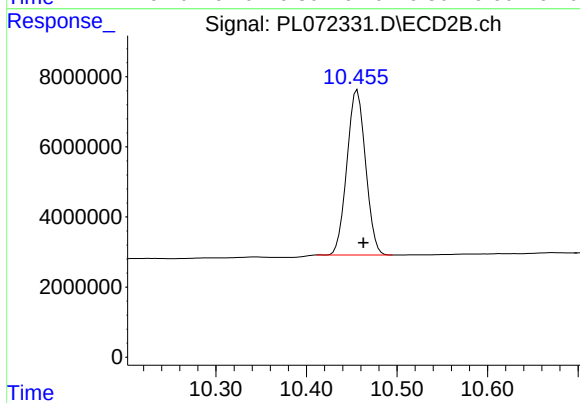
#21 Endrin ketone

R.T.: 9.993 min  
Delta R.T.: -0.005 min  
Response: 86271779  
Conc: 52.13 ng/ml



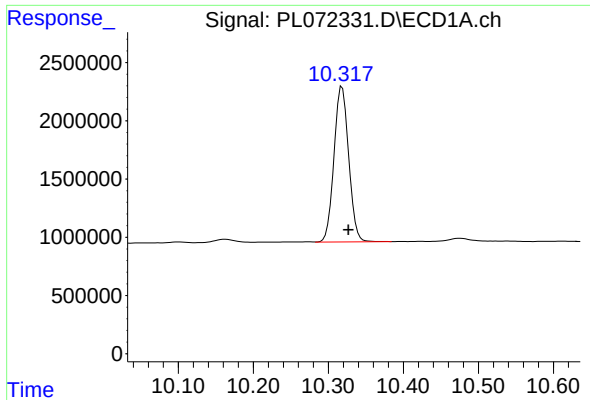
#22 Mirex

R.T.: 9.406 min  
Delta R.T.: -0.005 min  
Response: 41371054  
Conc: 56.02 ng/ml



#22 Mirex

R.T.: 10.456 min  
Delta R.T.: -0.007 min  
Response: 67460951  
Conc: 54.06 ng/ml



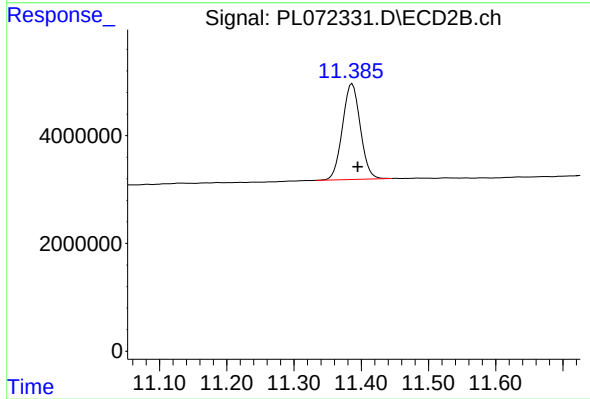
#28 Decachlorobiphenyl

R.T.: 10.318 min  
Delta R.T.: -0.008 min  
Response: 18164992  
Conc: 20.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CC-5MSD

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/31/2022  
Supervised By :Ankita Jodhani 01/31/2022



#28 Decachlorobiphenyl

R.T.: 11.387 min  
Delta R.T.: -0.008 min  
Response: 32709342  
Conc: 20.27 ng/ml