

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031622\  
 Data File : PL073432.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Mar 2022 19:29  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 03/17/2022  
 Supervised By :Ankita Jodhani 03/17/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 17 01:56:49 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031122.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 14 04:12:46 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...          | 4.642  | 5.491  | 15555879 | 85536697 | 48.569 | 52.117  |
| 28) SA Decachlor...         | 10.416 | 11.330 | 23228721 | 86380074 | 45.681 | 48.306  |
| Target Compounds            |        |        |          |          |        |         |
| 2) A alpha-BHC              | 5.350  | 6.054  | 20285442 | 122.5E6  | 49.212 | 54.441  |
| 3) MA gamma-BHC...          | 5.774  | 6.443  | 20249425 | 115.2E6  | 48.544 | 53.955  |
| 4) MA Heptachlor            | 6.185  | 7.102  | 21933875 | 126.0E6  | 48.612 | 53.775  |
| 5) MB Aldrin                | 6.511  | 7.470  | 19912814 | 113.7E6  | 48.195 | 54.277  |
| 6) B beta-BHC               | 6.154  | 6.679  | 10222136 | 53090769 | 49.647 | 50.933  |
| 7) B delta-BHC              | 6.416  | 6.947  | 19802401 | 113.7E6  | 49.303 | 52.815  |
| 8) B Heptachlo...           | 7.087  | 7.925  | 20560962 | 106.5E6  | 47.708 | 53.319  |
| 9) A Endosulfan I           | 7.490  | 8.326  | 19635587 | 96994891 | 47.866 | 53.136  |
| 10) B gamma-Chl...          | 7.365  | 8.194  | 20778498 | 107.8E6  | 47.515 | 52.757  |
| 11) B alpha-Chl...          | 7.435  | 8.276  | 21024851 | 105.9E6  | 47.575 | 52.959  |
| 12) B 4,4'-DDE              | 7.649  | 8.461  | 16875282 | 96660408 | 47.028 | 53.929  |
| 13) MA Dieldrin             | 7.777  | 8.611  | 20060708 | 98295695 | 48.151 | 53.284  |
| 14) MA Endrin               | 8.068  | 8.845  | 18941770 | 82529467 | 48.818 | 53.611  |
| 15) B Endosulfa...          | 8.379  | 9.068  | 18550613 | 80048407 | 47.459 | 52.120  |
| 16) A 4,4'-DDD              | 8.234  | 8.987  | 15167732 | 76474716 | 46.708 | 52.390  |
| 17) MA 4,4'-DDT             | 8.496  | 9.306  | 17855046 | 85881168 | 47.213 | 52.542  |
| 18) B Endrin al...          | 8.567  | 9.200  | 15020758 | 64062676 | 47.497 | 52.240m |
| 19) B Endosulfa...          | 8.798  | 9.438  | 19980868 | 81712222 | 47.301 | 51.846  |
| 20) A Methoxychlor          | 9.091  | 9.785  | 11862530 | 45714870 | 46.241 | 50.734  |
| 21) B Endrin ke...          | 9.317  | 9.926  | 23624258 | 84810976 | 48.289 | 51.382  |
| 22) Mirex                   | 9.505  | 10.404 | 21846267 | 67715277 | 46.327 | 49.847  |
| -----                       |        |        |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031622\  
Data File : PL073432.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 16 Mar 2022 19:29  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

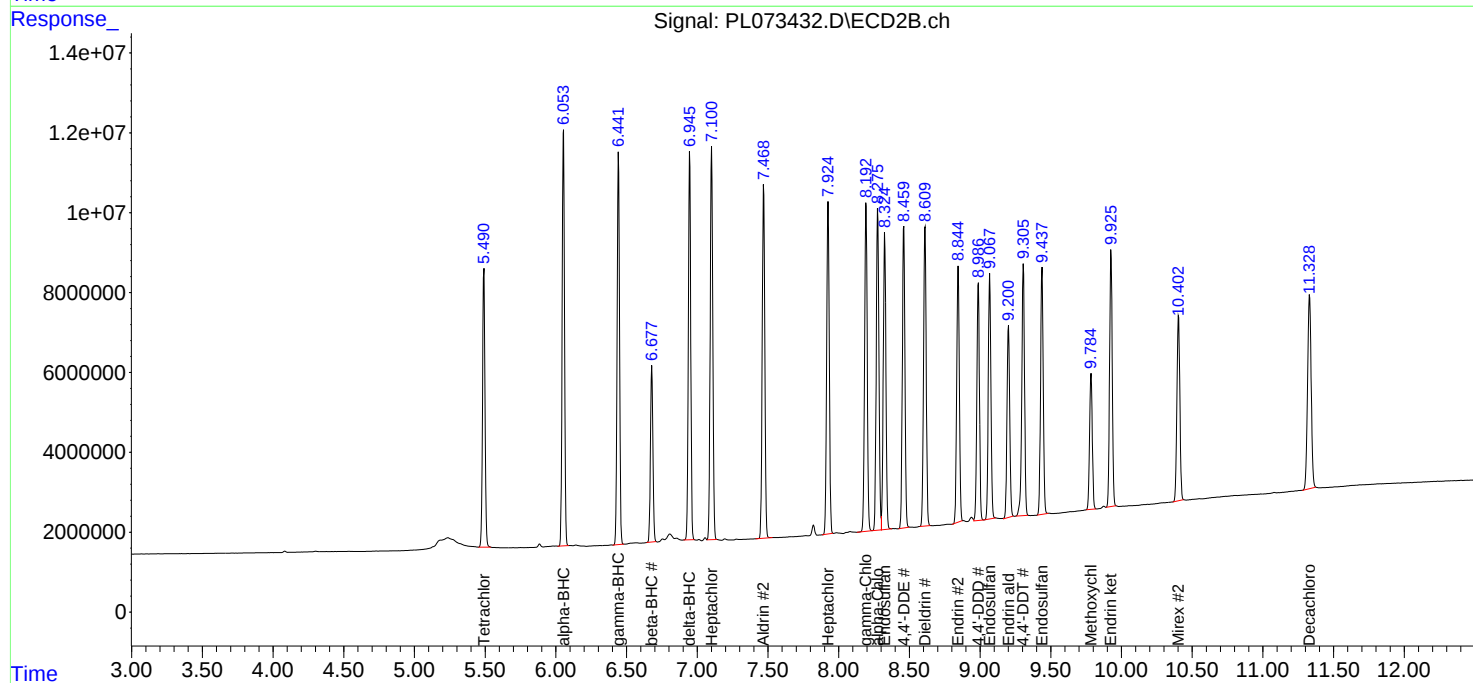
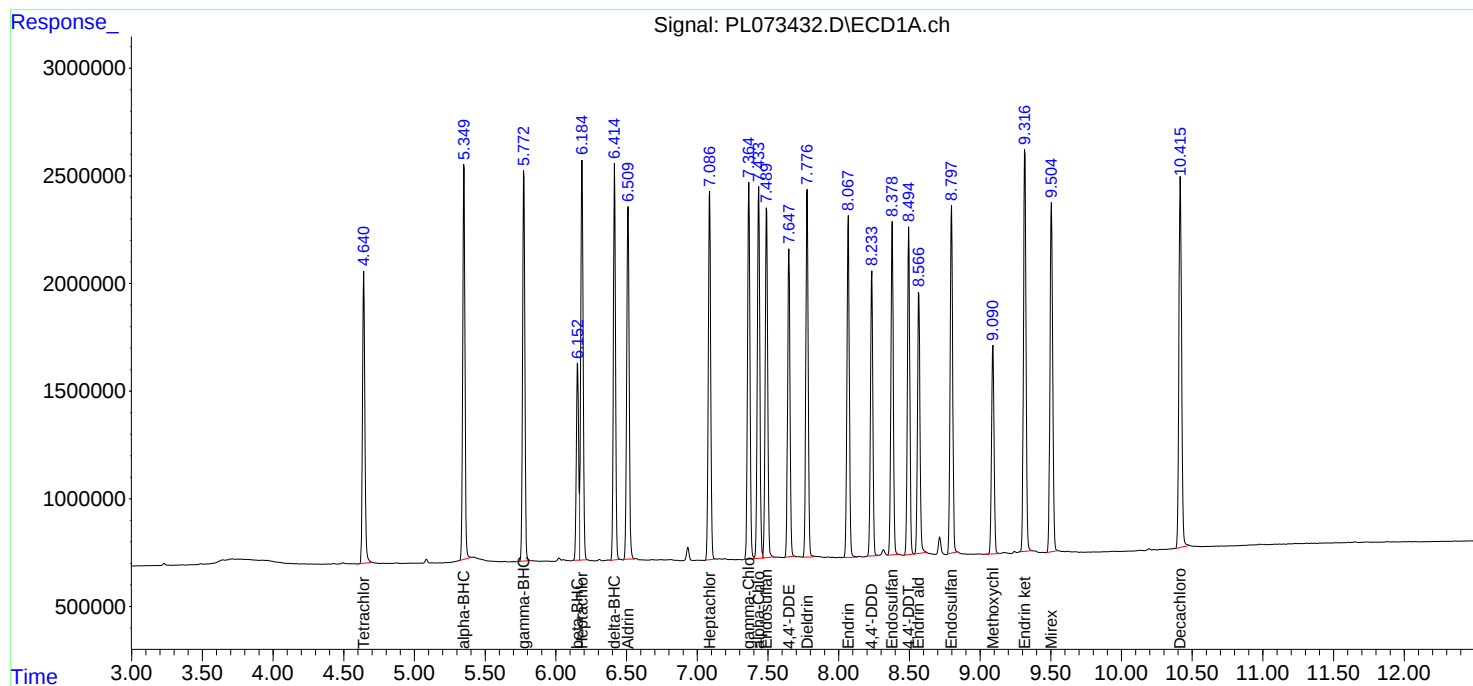
## Manual Integrations

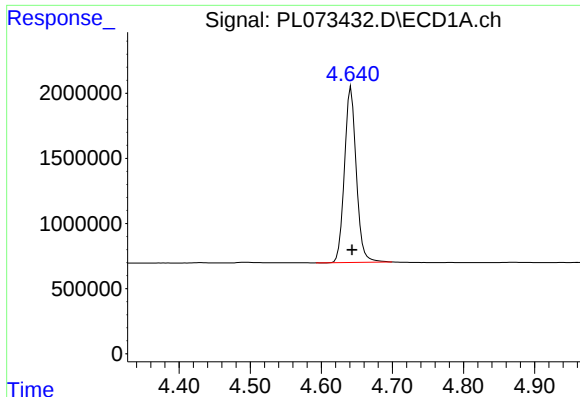
## APPROVED

Reviewed By :Abdul Mirza 03/17/2022  
Supervised By :Ankita Jodhani 03/17/2022

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 17 01:56:49 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031122.M  
Quant Title : GC Extractables  
QLast Update : Mon Mar 14 04:12:46 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





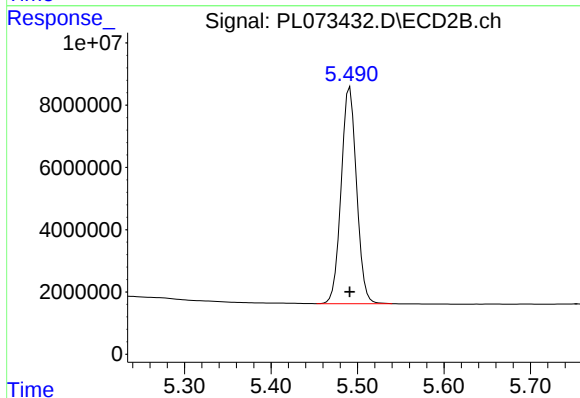
#1 Tetrachloro-m-xylene

R.T.: 4.642 min  
Delta R.T.: -0.001 min  
Response: 15555879  
Conc: 48.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

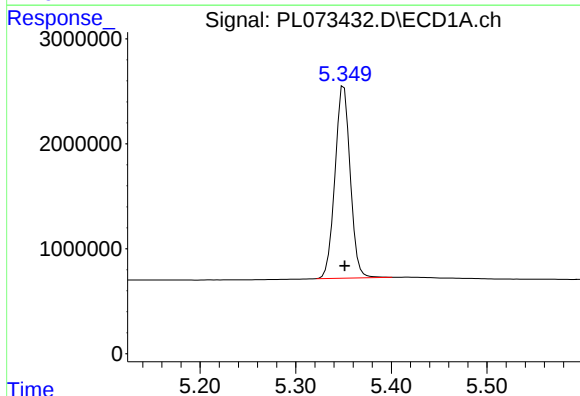
Manual Integrations  
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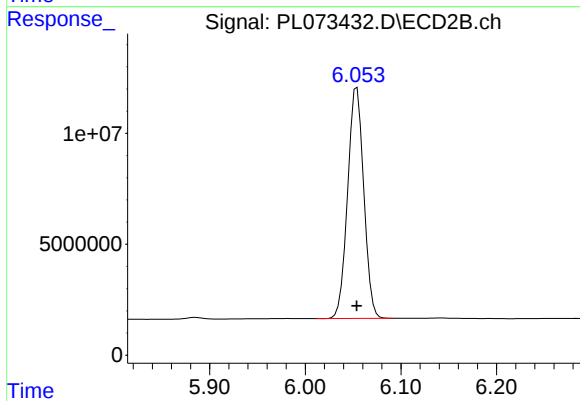
#1 Tetrachloro-m-xylene

R.T.: 5.491 min  
Delta R.T.: 0.000 min  
Response: 85536697  
Conc: 52.12 ng/ml



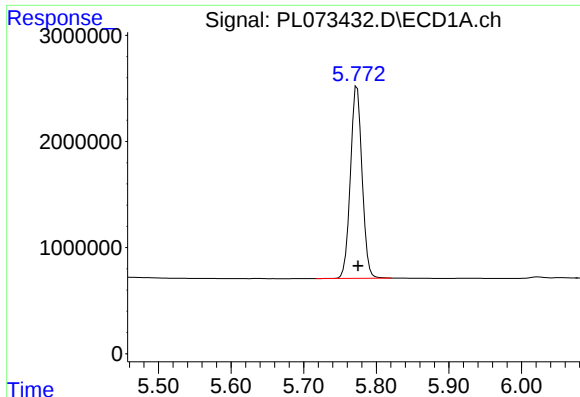
#2 alpha-BHC

R.T.: 5.350 min  
Delta R.T.: 0.000 min  
Response: 20285442  
Conc: 49.21 ng/ml



#2 alpha-BHC

R.T.: 6.054 min  
Delta R.T.: 0.000 min  
Response: 122473297  
Conc: 54.44 ng/ml



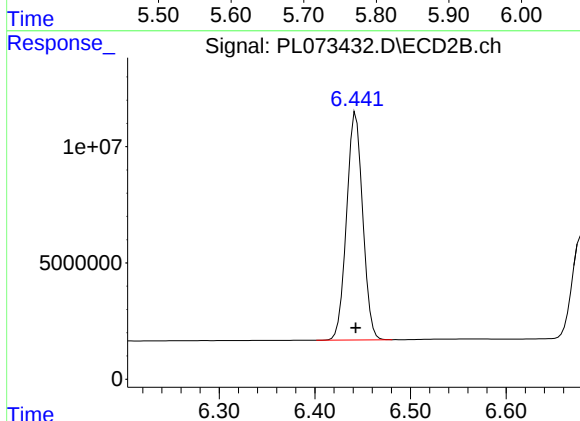
#3 gamma-BHC (Lindane)

R.T.: 5.774 min  
Delta R.T.: -0.001 min  
Response: 20249425  
Conc: 48.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

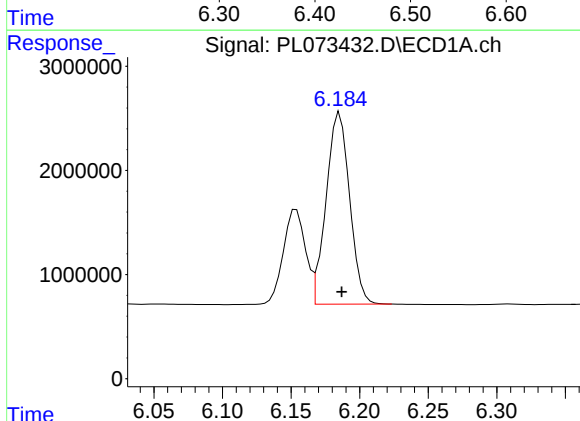
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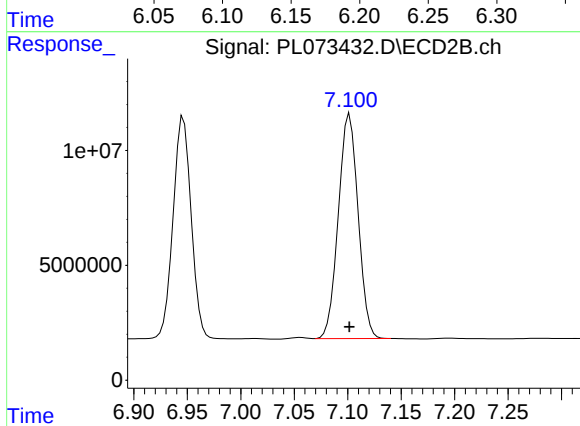
#3 gamma-BHC (Lindane)

R.T.: 6.443 min  
Delta R.T.: 0.000 min  
Response: 115199320  
Conc: 53.96 ng/ml



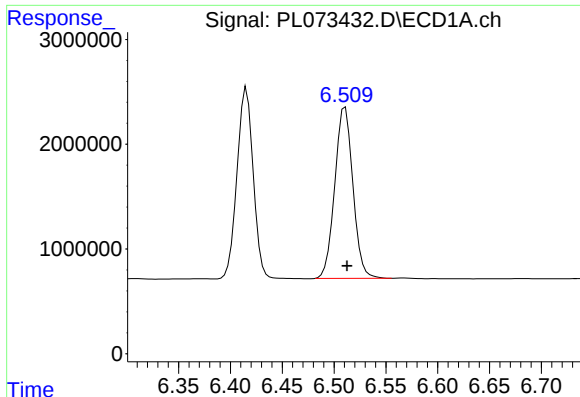
#4 Heptachlor

R.T.: 6.185 min  
Delta R.T.: -0.001 min  
Response: 21933875  
Conc: 48.61 ng/ml



#4 Heptachlor

R.T.: 7.102 min  
Delta R.T.: 0.000 min  
Response: 125999859  
Conc: 53.78 ng/ml



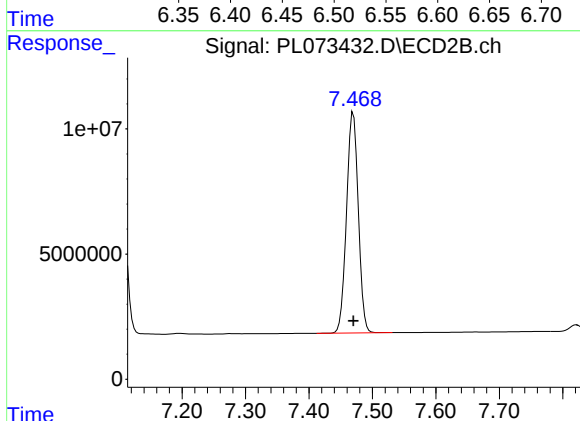
#5 Aldrin

R.T.: 6.511 min  
Delta R.T.: -0.002 min  
Response: 19912814  
Conc: 48.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

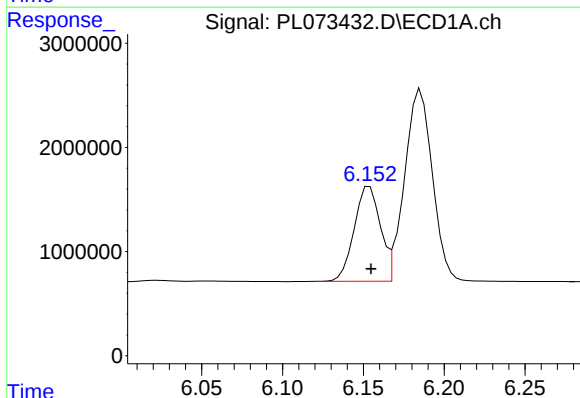
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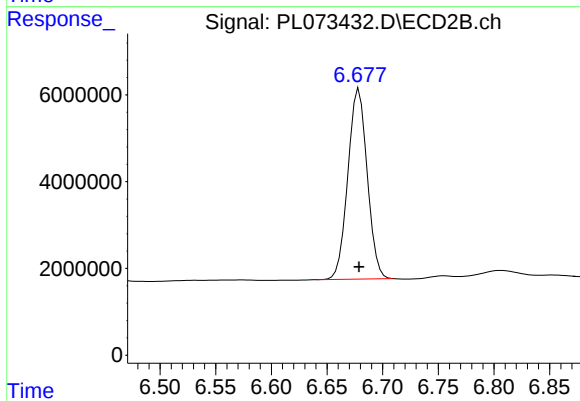
#5 Aldrin

R.T.: 7.470 min  
Delta R.T.: 0.000 min  
Response: 113710004  
Conc: 54.28 ng/ml



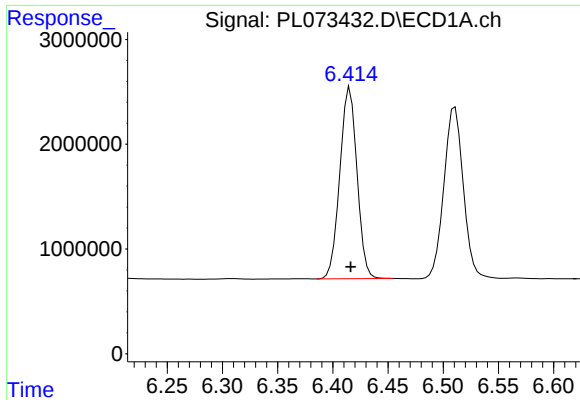
#6 beta-BHC

R.T.: 6.154 min  
Delta R.T.: 0.000 min  
Response: 10222136  
Conc: 49.65 ng/ml



#6 beta-BHC

R.T.: 6.679 min  
Delta R.T.: 0.000 min  
Response: 53090769  
Conc: 50.93 ng/ml



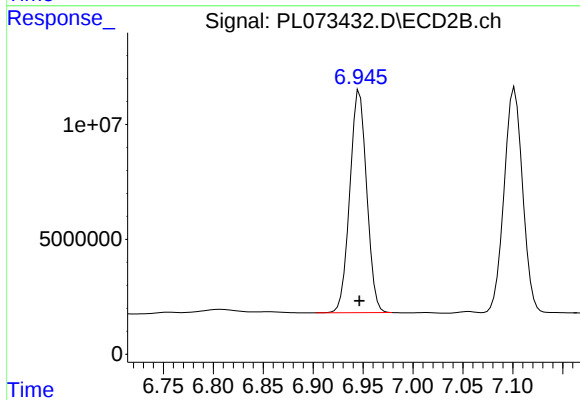
#7 delta-BHC

R.T.: 6.416 min  
Delta R.T.: 0.000 min  
Response: 19802401  
Conc: 49.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

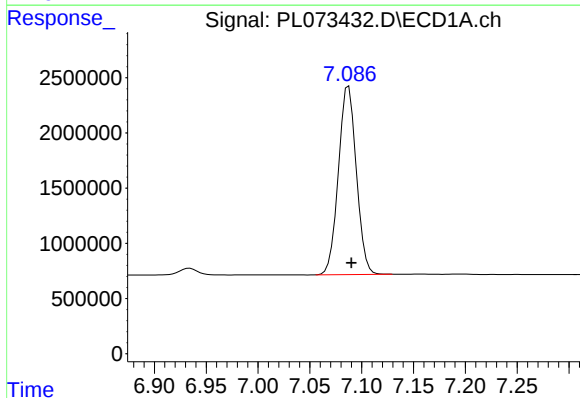
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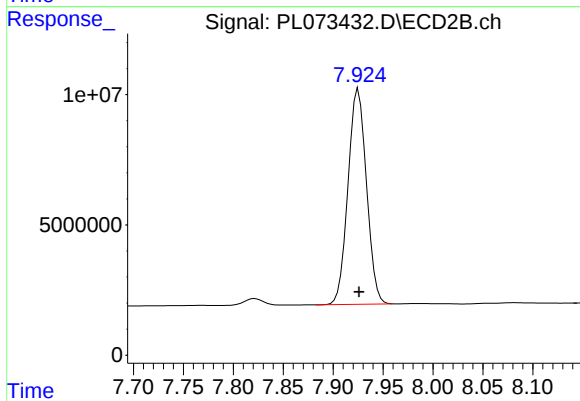
#7 delta-BHC

R.T.: 6.947 min  
Delta R.T.: 0.000 min  
Response: 113740090  
Conc: 52.81 ng/ml



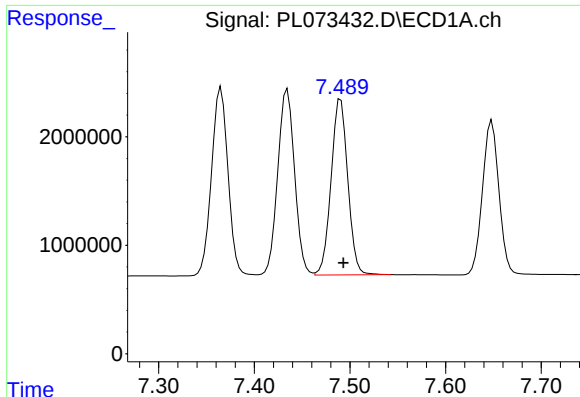
#8 Heptachlor epoxide

R.T.: 7.087 min  
Delta R.T.: -0.003 min  
Response: 20560962  
Conc: 47.71 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min  
Delta R.T.: 0.000 min  
Response: 106494589  
Conc: 53.32 ng/ml



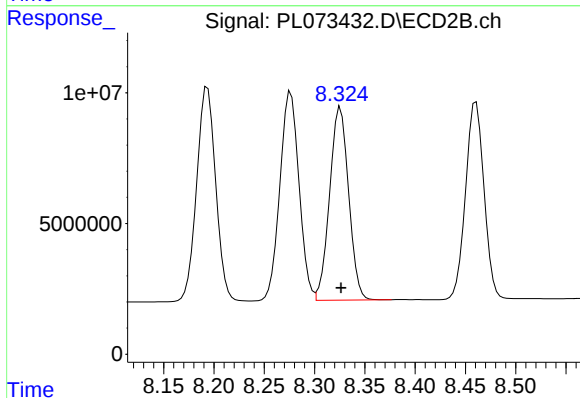
#9 Endosulfan I

R.T.: 7.490 min  
Delta R.T.: -0.003 min  
Response: 19635587  
Conc: 47.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

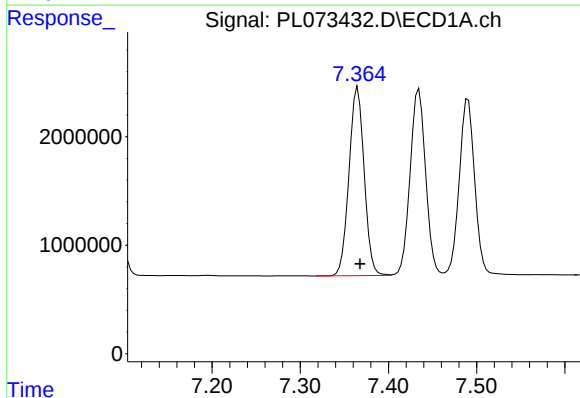
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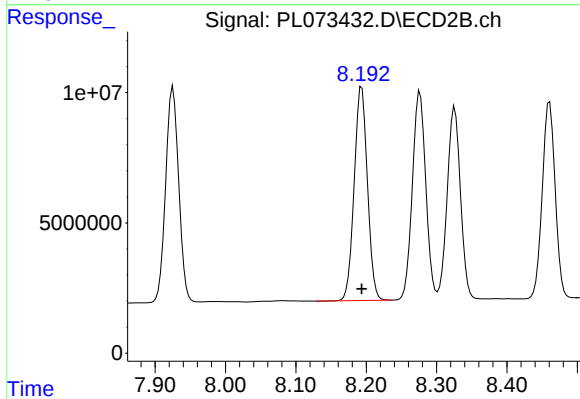
#9 Endosulfan I

R.T.: 8.326 min  
Delta R.T.: 0.000 min  
Response: 96994891  
Conc: 53.14 ng/ml



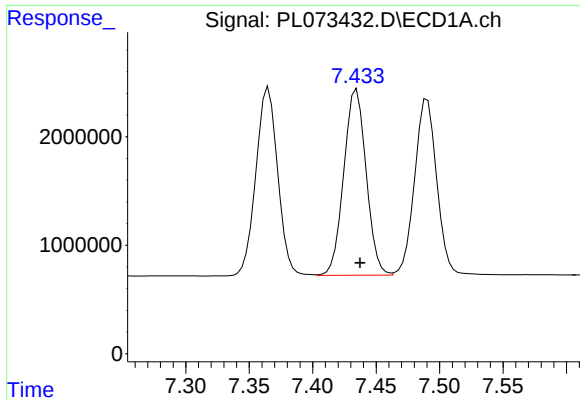
#10 gamma-Chlordane

R.T.: 7.365 min  
Delta R.T.: -0.003 min  
Response: 20778498  
Conc: 47.52 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min  
Delta R.T.: 0.000 min  
Response: 107751935  
Conc: 52.76 ng/ml



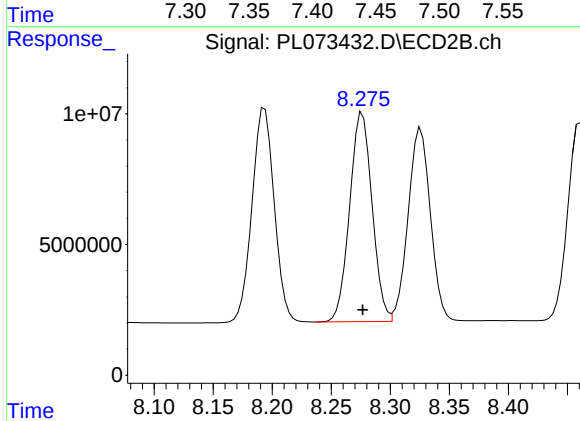
#11 alpha-Chlordane

R.T.: 7.435 min  
Delta R.T.: -0.003 min  
Response: 21024851  
Conc: 47.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

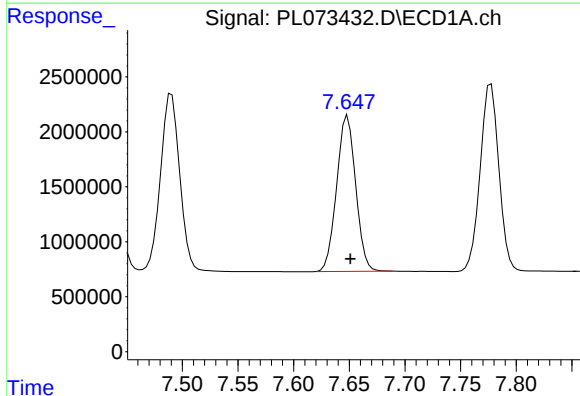
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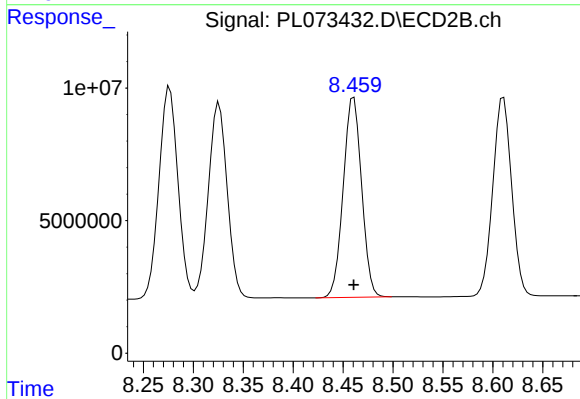
#11 alpha-Chlordane

R.T.: 8.276 min  
Delta R.T.: 0.000 min  
Response: 105917546  
Conc: 52.96 ng/ml



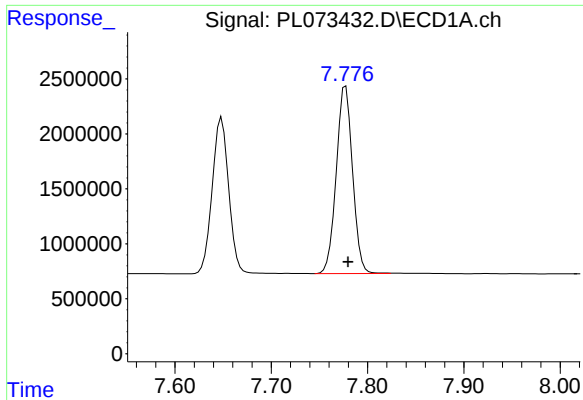
#12 4,4'-DDE

R.T.: 7.649 min  
Delta R.T.: -0.002 min  
Response: 16875282  
Conc: 47.03 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min  
Delta R.T.: 0.000 min  
Response: 96660408  
Conc: 53.93 ng/ml



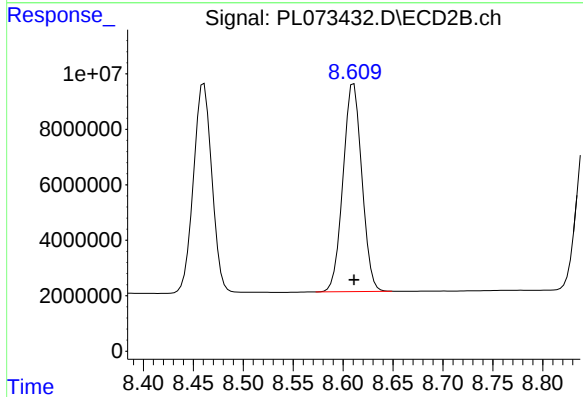
#13 Dieldrin

R.T.: 7.777 min  
Delta R.T.: -0.002 min  
Response: 20060708  
Conc: 48.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

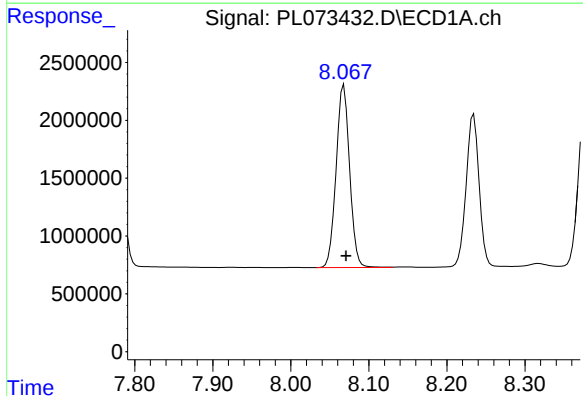
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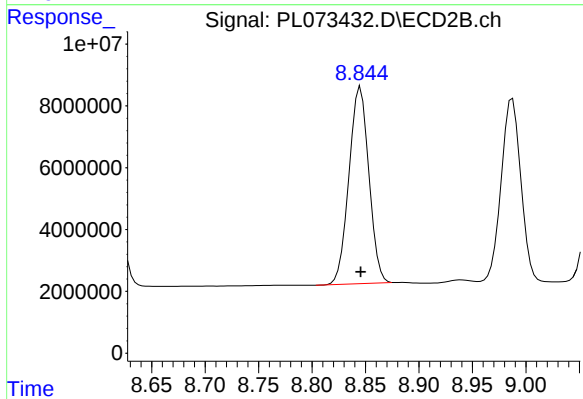
#13 Dieldrin

R.T.: 8.611 min  
Delta R.T.: 0.000 min  
Response: 98295695  
Conc: 53.28 ng/ml



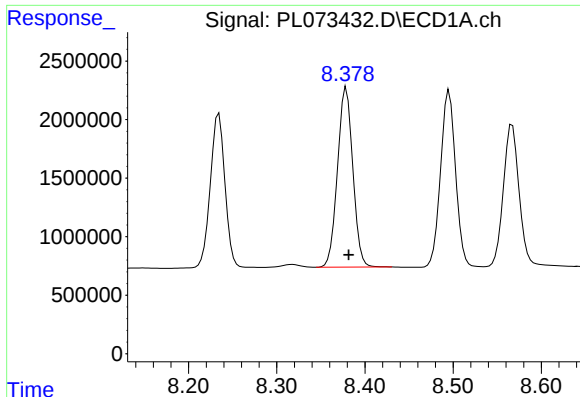
#14 Endrin

R.T.: 8.068 min  
Delta R.T.: -0.003 min  
Response: 18941770  
Conc: 48.82 ng/ml



#14 Endrin

R.T.: 8.845 min  
Delta R.T.: 0.000 min  
Response: 82529467  
Conc: 53.61 ng/ml



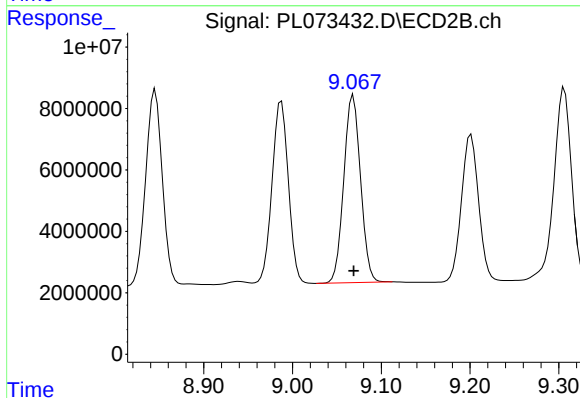
#15 Endosulfan II

R.T.: 8.379 min  
Delta R.T.: -0.003 min  
Response: 18550613  
Conc: 47.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

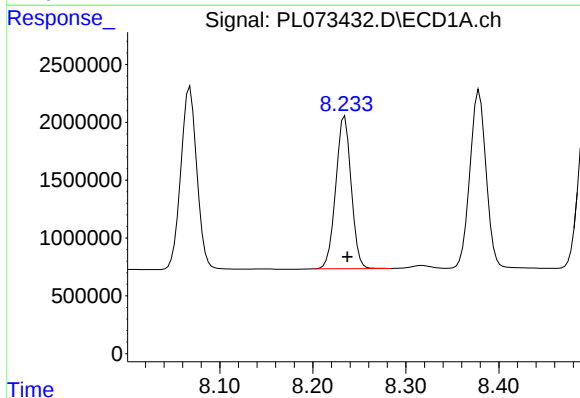
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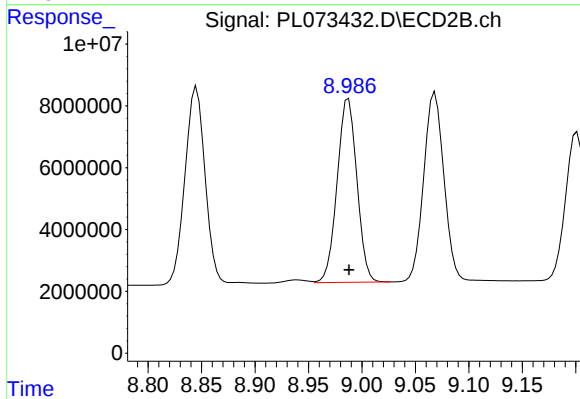
#15 Endosulfan II

R.T.: 9.068 min  
Delta R.T.: 0.000 min  
Response: 80048407  
Conc: 52.12 ng/ml



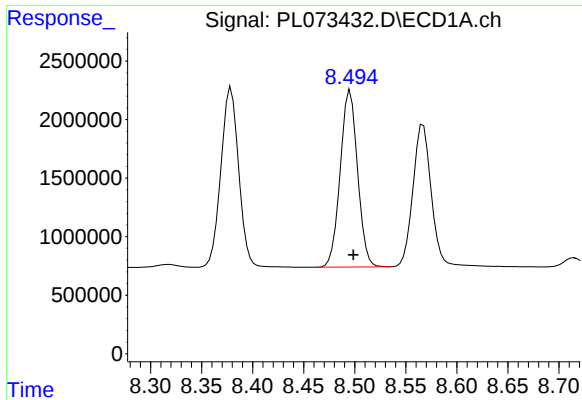
#16 4,4'-DDD

R.T.: 8.234 min  
Delta R.T.: -0.003 min  
Response: 15167732  
Conc: 46.71 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min  
Delta R.T.: 0.000 min  
Response: 76474716  
Conc: 52.39 ng/ml



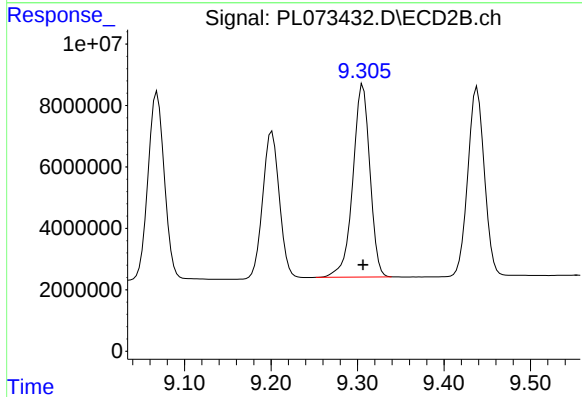
#17 4,4'-DDT

R.T.: 8.496 min  
Delta R.T.: -0.003 min  
Response: 17855046  
Conc: 47.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

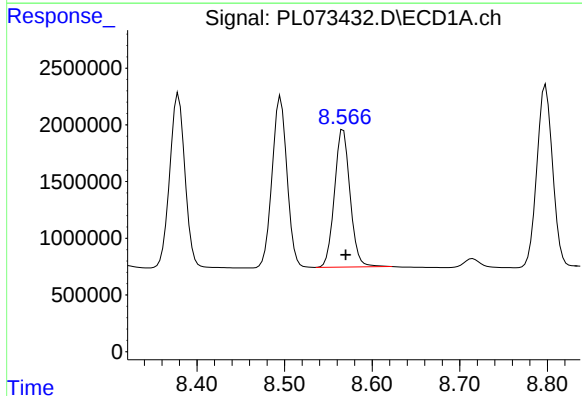
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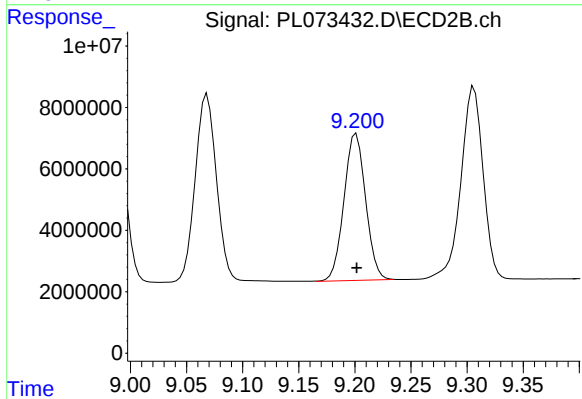
#17 4,4'-DDT

R.T.: 9.306 min  
Delta R.T.: 0.000 min  
Response: 85881168  
Conc: 52.54 ng/ml



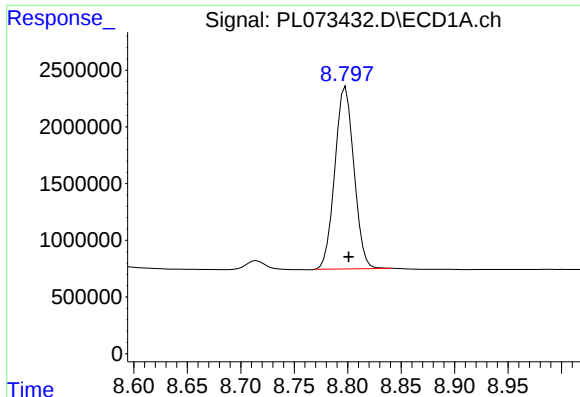
#18 Endrin aldehyde

R.T.: 8.567 min  
Delta R.T.: -0.003 min  
Response: 15020758  
Conc: 47.50 ng/ml



#18 Endrin aldehyde

R.T.: 9.200 min  
Delta R.T.: -0.002 min  
Response: 64062676  
Conc: 52.24 ng/ml m



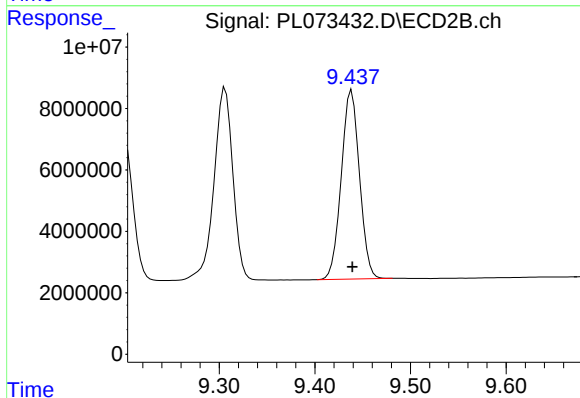
#19 Endosulfan Sulfate

R.T.: 8.798 min  
Delta R.T.: -0.003 min  
Response: 19980868  
Conc: 47.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

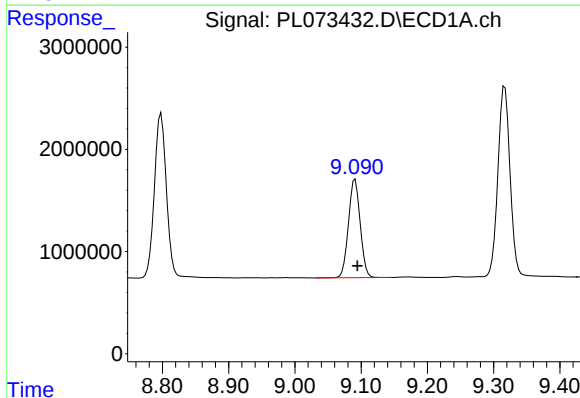
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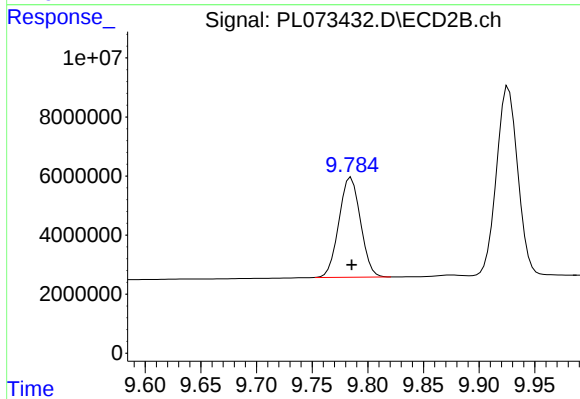
#19 Endosulfan Sulfate

R.T.: 9.438 min  
Delta R.T.: 0.000 min  
Response: 81712222  
Conc: 51.85 ng/ml



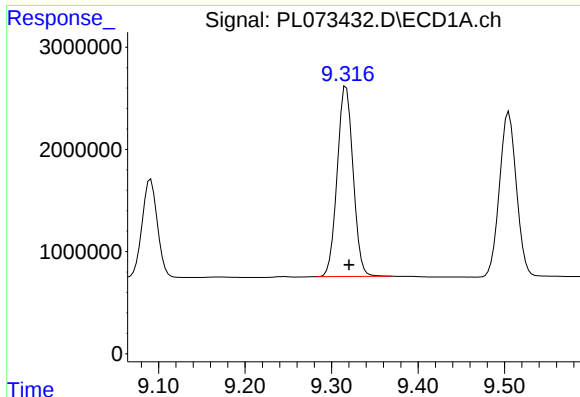
#20 Methoxychlor

R.T.: 9.091 min  
Delta R.T.: -0.003 min  
Response: 11862530  
Conc: 46.24 ng/ml



#20 Methoxychlor

R.T.: 9.785 min  
Delta R.T.: 0.000 min  
Response: 45714870  
Conc: 50.73 ng/ml



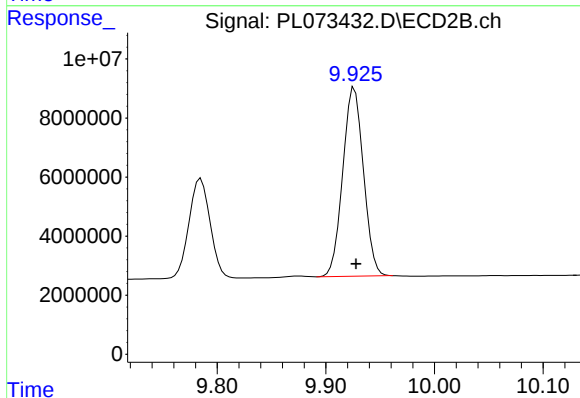
#21 Endrin ketone

R.T.: 9.317 min  
Delta R.T.: -0.003 min  
Response: 23624258  
Conc: 48.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

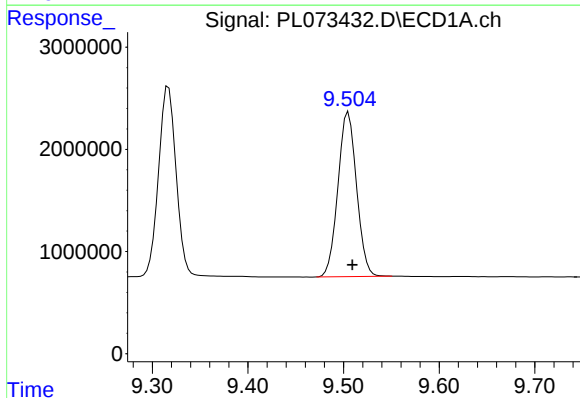
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/17/2022  
Supervised By :Ankita Jodhani 03/17/2022



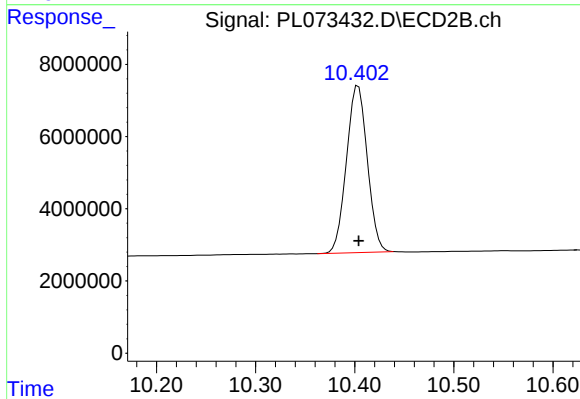
#21 Endrin ketone

R.T.: 9.926 min  
Delta R.T.: -0.001 min  
Response: 84810976  
Conc: 51.38 ng/ml



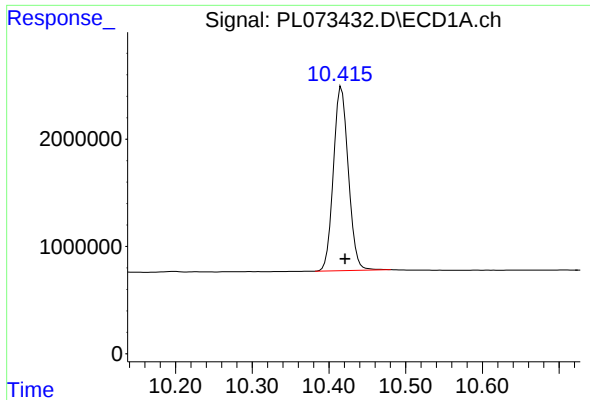
#22 Mirex

R.T.: 9.505 min  
Delta R.T.: -0.004 min  
Response: 21846267  
Conc: 46.33 ng/ml



#22 Mirex

R.T.: 10.404 min  
Delta R.T.: 0.000 min  
Response: 67715277  
Conc: 49.85 ng/ml



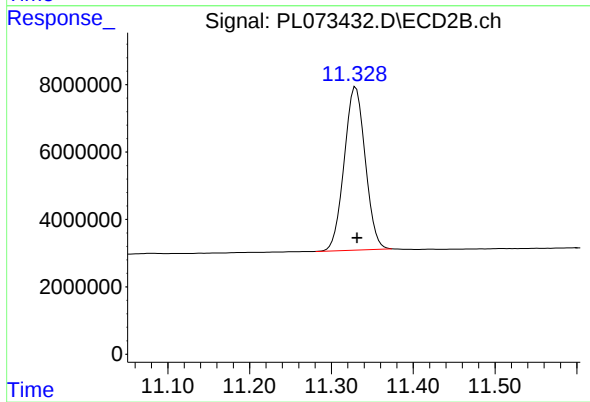
#28 Decachlorobiphenyl

R.T.: 10.416 min  
Delta R.T.: -0.005 min  
Response: 23228721  
Conc: 45.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/17/2022  
Supervised By :Ankita Jodhani 03/17/2022



#28 Decachlorobiphenyl

R.T.: 11.330 min  
Delta R.T.: -0.002 min  
Response: 86380074  
Conc: 48.31 ng/ml