

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030222\  
 Data File : PL073099.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Mar 2022 19:12  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

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

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 03 00:44:42 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022622.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Feb 28 02:28:04 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... | 4.647  | 5.491  | 17302902 | 82216564 | 53.995  | 56.654  |
| 28)                         | SA Decachlor... | 10.424 | 11.330 | 25569210 | 87977995 | 54.627m | 55.769  |
| Target Compounds            |                 |        |        |          |          |         |         |
| 2)                          | A alpha-BHC     | 5.356  | 6.054  | 22926142 | 116.3E6  | 54.404  | 58.975  |
| 3)                          | MA gamma-BHC... | 5.779  | 6.443  | 22782220 | 108.6E6  | 51.521  | 58.059  |
| 4)                          | MA Heptachlor   | 6.192  | 7.101  | 23324670 | 110.8E6  | 50.816  | 55.441  |
| 5)                          | MB Aldrin       | 6.518  | 7.469  | 23301469 | 107.7E6  | 52.541  | 58.874  |
| 6)                          | B beta-BHC      | 6.159  | 6.678  | 11311821 | 49474069 | 50.793  | 54.862  |
| 7)                          | B delta-BHC     | 6.421  | 6.946  | 23276624 | 110.3E6  | 53.302  | 58.280  |
| 8)                          | B Heptachlo...  | 7.094  | 7.925  | 23243361 | 99844761 | 49.889  | 56.722  |
| 9)                          | A Endosulfan I  | 7.498  | 8.326  | 21835706 | 89395971 | 49.229  | 55.186  |
| 10)                         | B gamma-Chl...  | 7.372  | 8.193  | 23698090 | 100.7E6  | 49.903  | 56.408  |
| 11)                         | B alpha-Chl...  | 7.443  | 8.276  | 23827478 | 98947824 | 49.785  | 56.203  |
| 12)                         | B 4,4'-DDE      | 7.656  | 8.460  | 19979599 | 88344895 | 51.403  | 56.504  |
| 13)                         | MA Dieldrin     | 7.783  | 8.610  | 23181990 | 93343831 | 51.733m | 57.795  |
| 14)                         | MA Endrin       | 8.076  | 8.845  | 20778177 | 72901099 | 52.329  | 55.071  |
| 15)                         | B Endosulfa...  | 8.386  | 9.067  | 22810846 | 80359866 | 52.592  | 58.069m |
| 16)                         | A 4,4'-DDD      | 8.242  | 8.986  | 18432010 | 73101275 | 52.923  | 54.969m |
| 17)                         | MA 4,4'-DDT     | 8.504  | 9.306  | 18804636 | 70817485 | 49.415  | 51.629  |
| 18)                         | B Endrin al...  | 8.574  | 9.201  | 15539518 | 54868992 | 48.404  | 50.422  |
| 19)                         | B Endosulfa...  | 8.805  | 9.438  | 22866431 | 77096026 | 52.019  | 54.377  |
| 20)                         | A Methoxychlor  | 9.099  | 9.785  | 12786136 | 41030982 | 51.192  | 52.409  |
| 21)                         | B Endrin ke...  | 9.325  | 9.926  | 27194385 | 84333403 | 54.854  | 57.518  |
| 22)                         | Mirex           | 9.514  | 10.403 | 24176247 | 67193294 | 42.848  | 45.754  |
| -----                       |                 |        |        |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL030222\  
 Data File : PL073099.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Mar 2022 19:12  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

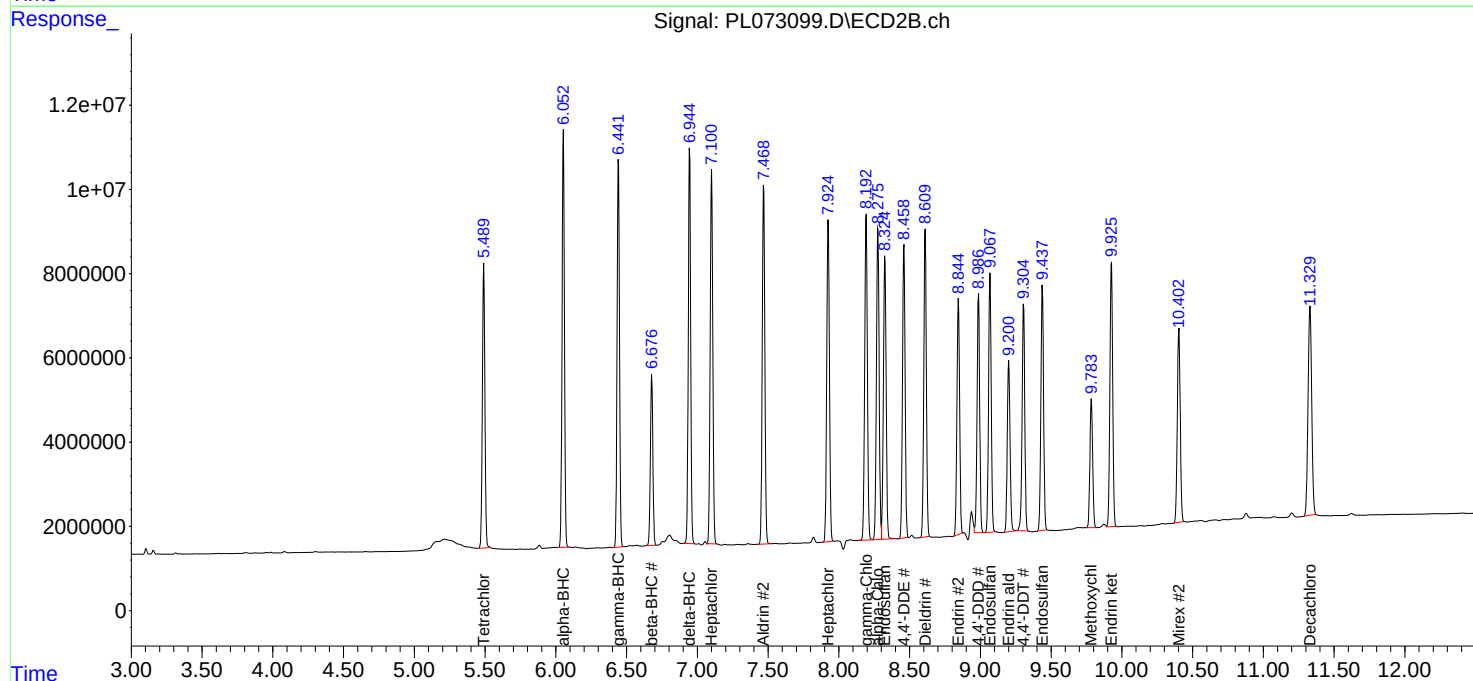
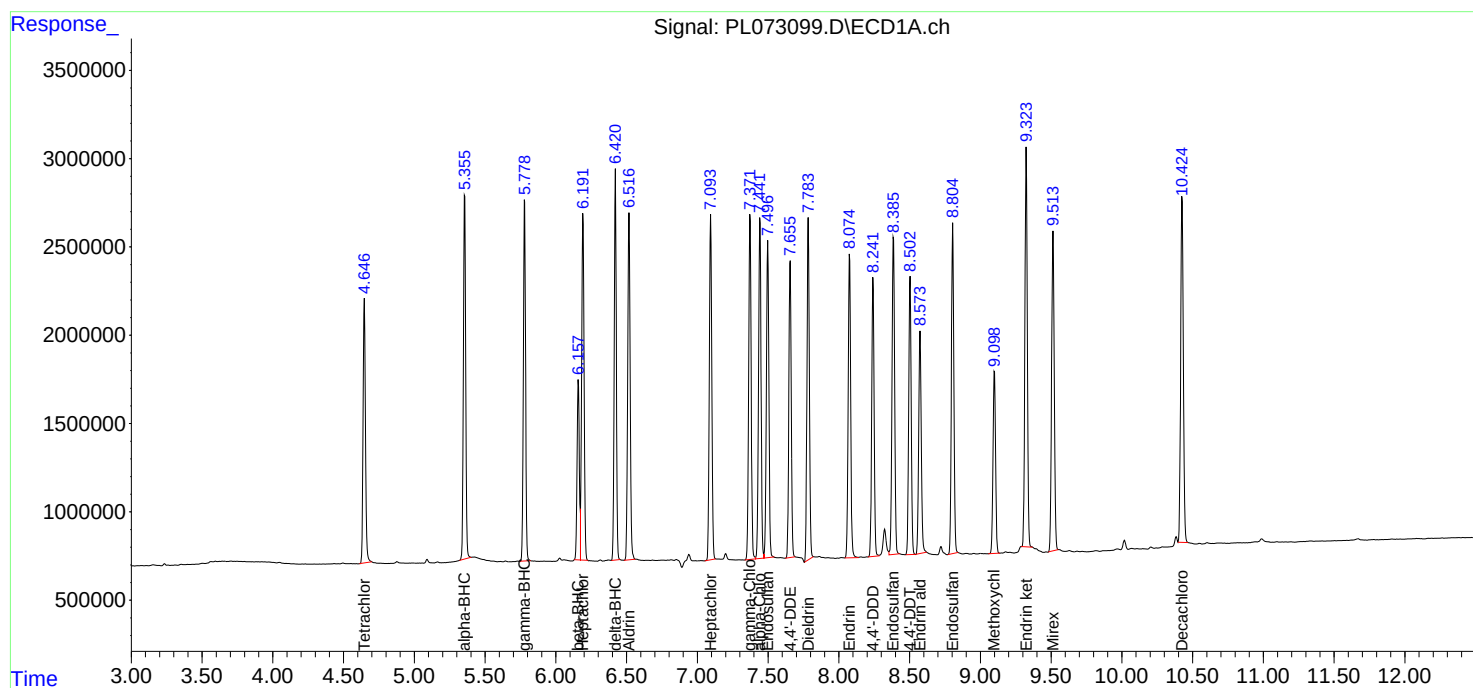
## Manual Integrations

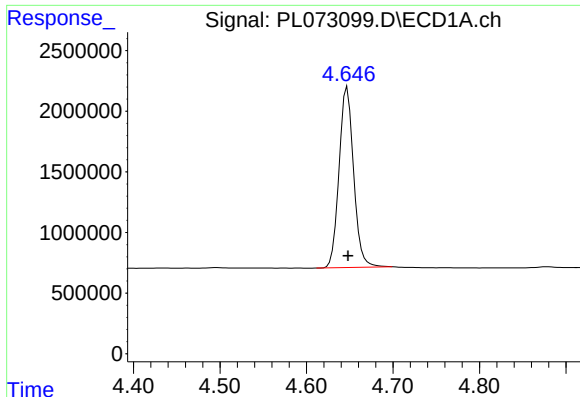
APPROVED

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 Supervised By :Ankita Jodhani 03/03/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 03 00:44:22 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022622.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Feb 28 02:28:04 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





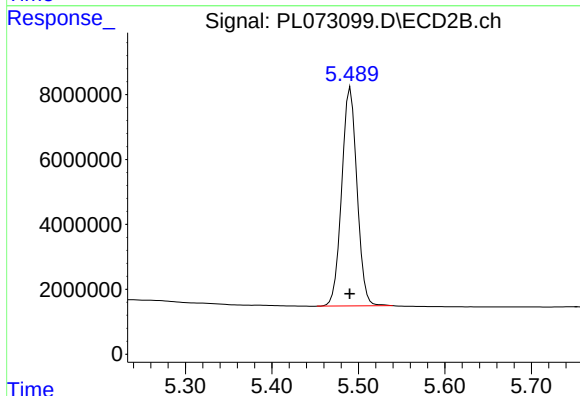
#1 Tetrachloro-m-xylene

R.T.: 4.647 min  
Delta R.T.: 0.000 min  
Response: 17302902  
Conc: 53.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

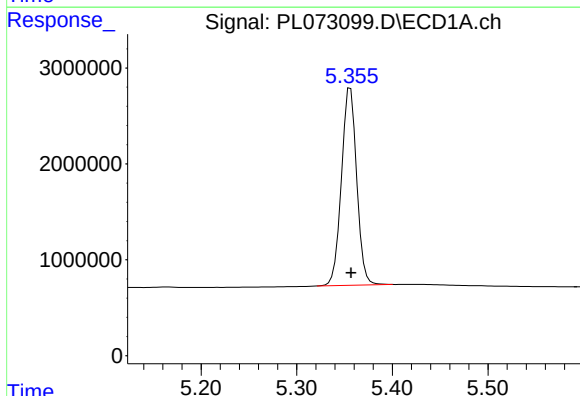
Manual Integrations  
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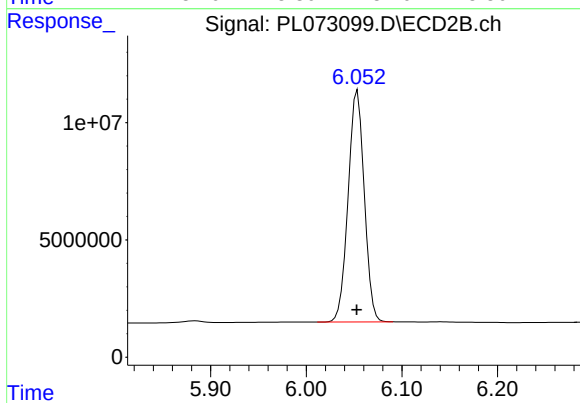
#1 Tetrachloro-m-xylene

R.T.: 5.491 min  
Delta R.T.: 0.000 min  
Response: 82216564  
Conc: 56.65 ng/ml



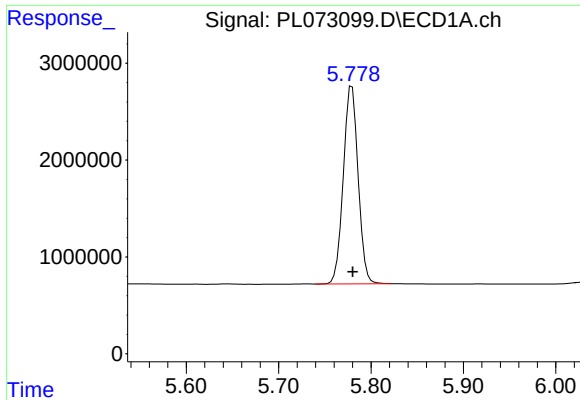
#2 alpha-BHC

R.T.: 5.356 min  
Delta R.T.: 0.000 min  
Response: 22926142  
Conc: 54.40 ng/ml



#2 alpha-BHC

R.T.: 6.054 min  
Delta R.T.: 0.000 min  
Response: 116316288  
Conc: 58.97 ng/ml



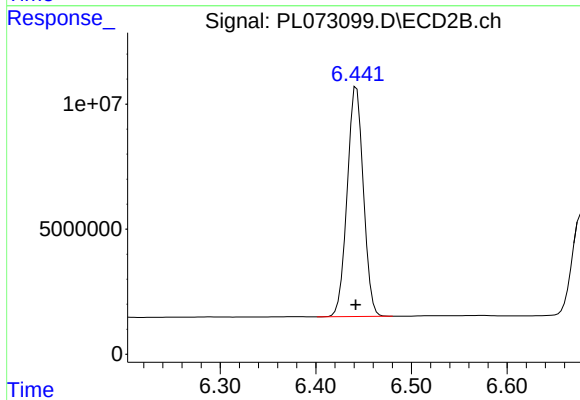
#3 gamma-BHC (Lindane)

R.T.: 5.779 min  
Delta R.T.: 0.000 min  
Response: 22782220  
Conc: 51.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

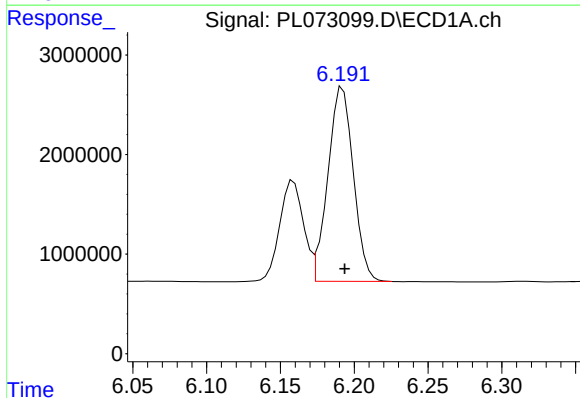
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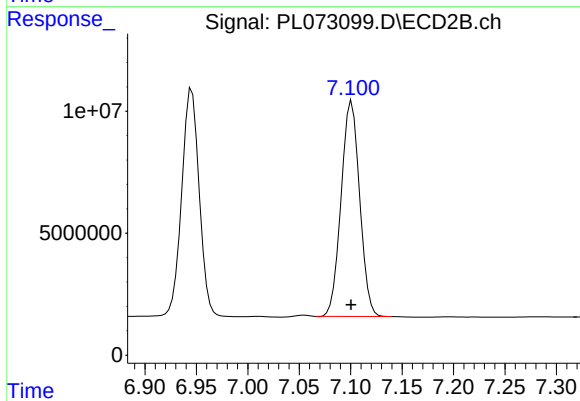
#3 gamma-BHC (Lindane)

R.T.: 6.443 min  
Delta R.T.: 0.001 min  
Response: 108552769  
Conc: 58.06 ng/ml



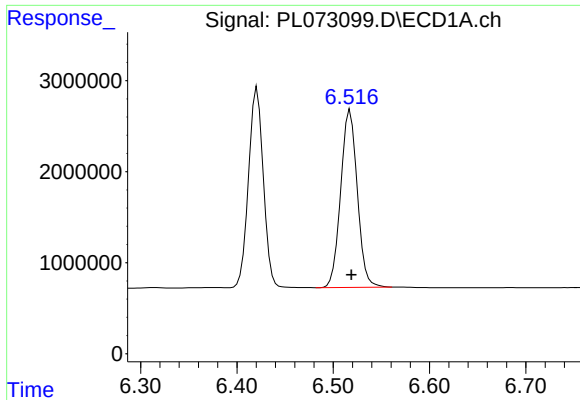
#4 Heptachlor

R.T.: 6.192 min  
Delta R.T.: -0.001 min  
Response: 23324670  
Conc: 50.82 ng/ml



#4 Heptachlor

R.T.: 7.101 min  
Delta R.T.: 0.000 min  
Response: 110826044  
Conc: 55.44 ng/ml



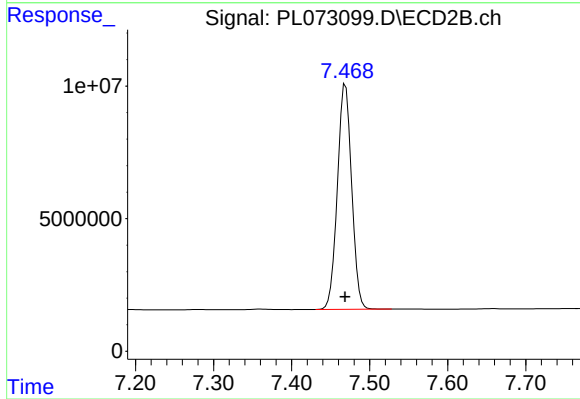
#5 Aldrin

R.T.: 6.518 min  
Delta R.T.: -0.001 min  
Response: 23301469  
Conc: 52.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

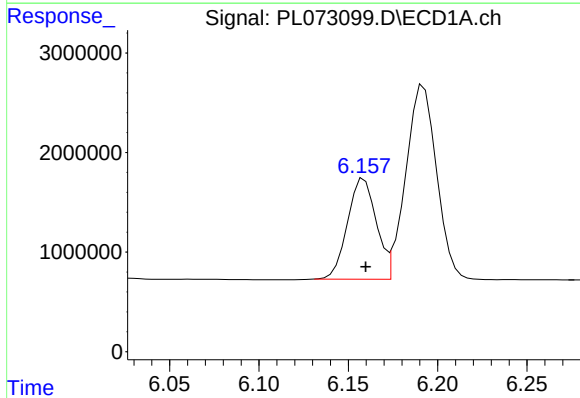
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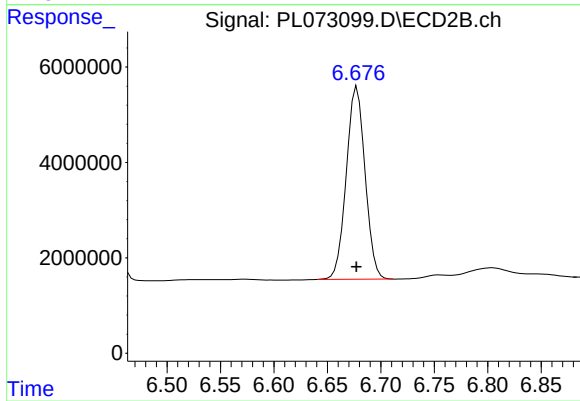
#5 Aldrin

R.T.: 7.469 min  
Delta R.T.: 0.000 min  
Response: 107745122  
Conc: 58.87 ng/ml



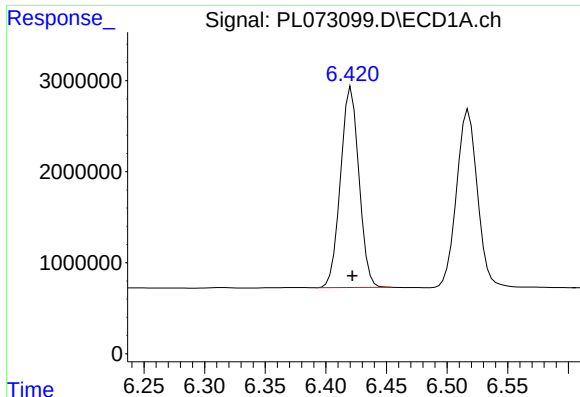
#6 beta-BHC

R.T.: 6.159 min  
Delta R.T.: 0.000 min  
Response: 11311821  
Conc: 50.79 ng/ml



#6 beta-BHC

R.T.: 6.678 min  
Delta R.T.: 0.000 min  
Response: 49474069  
Conc: 54.86 ng/ml



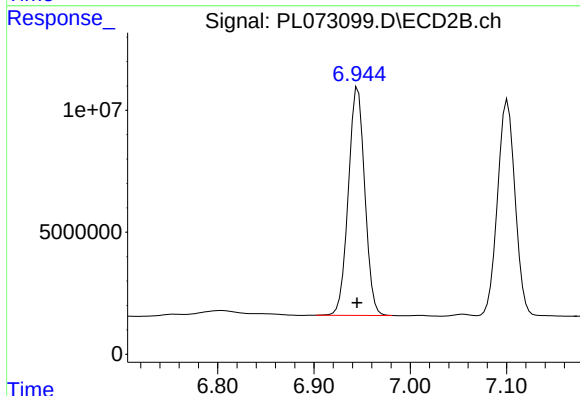
#7 delta-BHC

R.T.: 6.421 min  
Delta R.T.: 0.000 min  
Response: 23276624  
Conc: 53.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

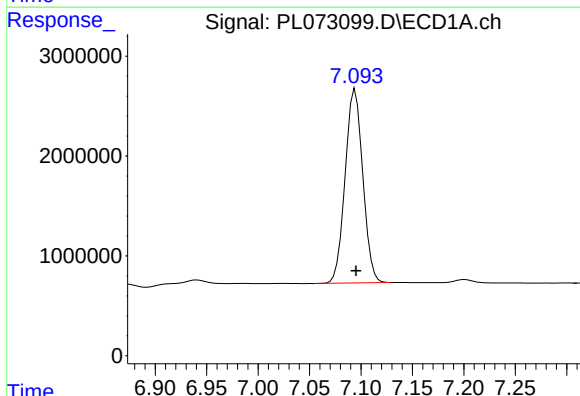
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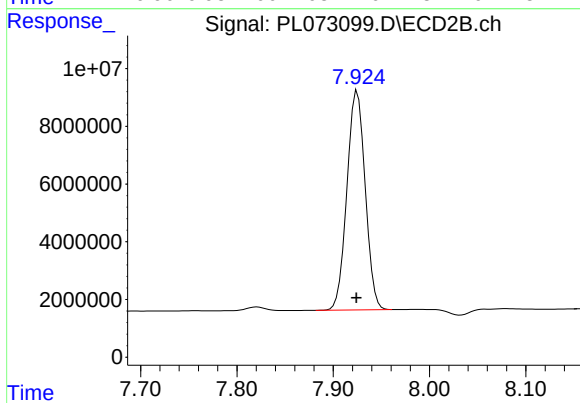
#7 delta-BHC

R.T.: 6.946 min  
Delta R.T.: 0.000 min  
Response: 110296951  
Conc: 58.28 ng/ml



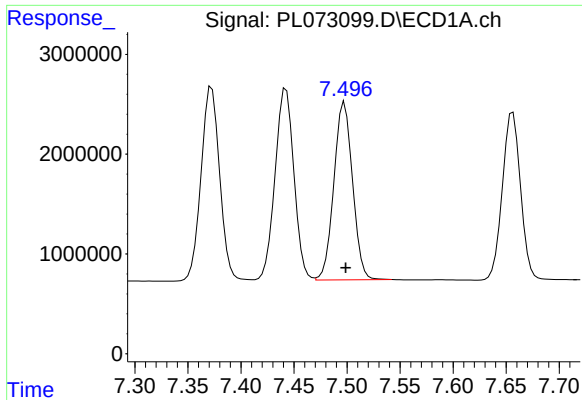
#8 Heptachlor epoxide

R.T.: 7.094 min  
Delta R.T.: 0.000 min  
Response: 23243361  
Conc: 49.89 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min  
Delta R.T.: 0.000 min  
Response: 99844761  
Conc: 56.72 ng/ml



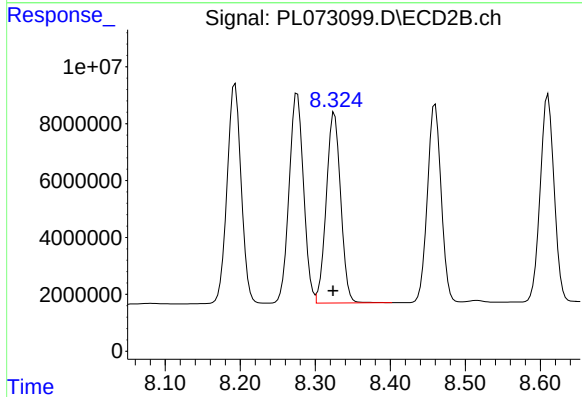
#9 Endosulfan I

R.T.: 7.498 min  
Delta R.T.: -0.001 min  
Response: 21835706  
Conc: 49.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

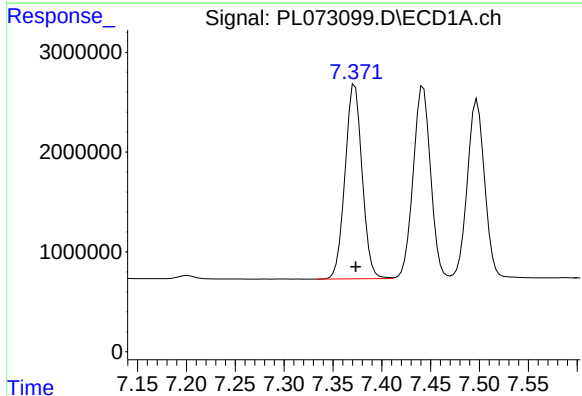
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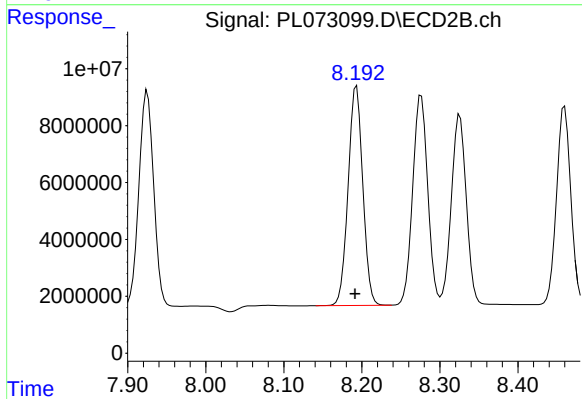
#9 Endosulfan I

R.T.: 8.326 min  
Delta R.T.: 0.002 min  
Response: 89395971  
Conc: 55.19 ng/ml



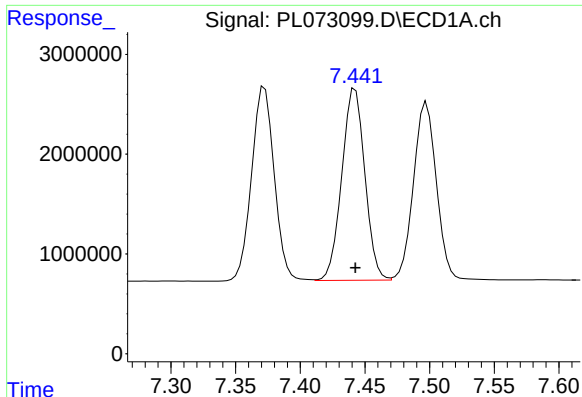
#10 gamma-Chlordane

R.T.: 7.372 min  
Delta R.T.: 0.000 min  
Response: 23698090  
Conc: 49.90 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min  
Delta R.T.: 0.002 min  
Response: 100728400  
Conc: 56.41 ng/ml



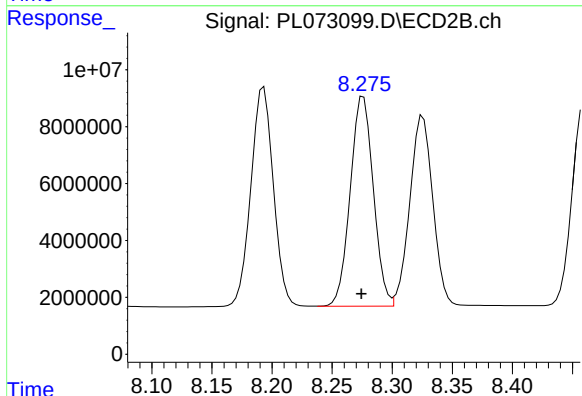
#11 alpha-Chlordane

R.T.: 7.443 min  
Delta R.T.: 0.000 min  
Response: 23827478  
Conc: 49.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

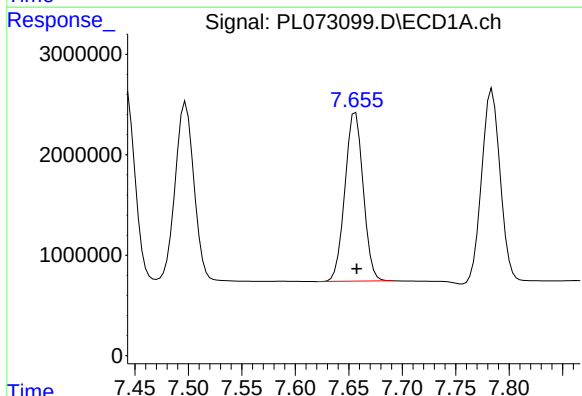
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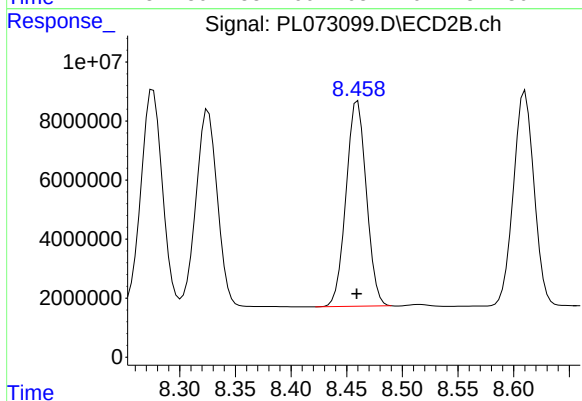
#11 alpha-Chlordane

R.T.: 8.276 min  
Delta R.T.: 0.002 min  
Response: 98947824  
Conc: 56.20 ng/ml



#12 4,4'-DDE

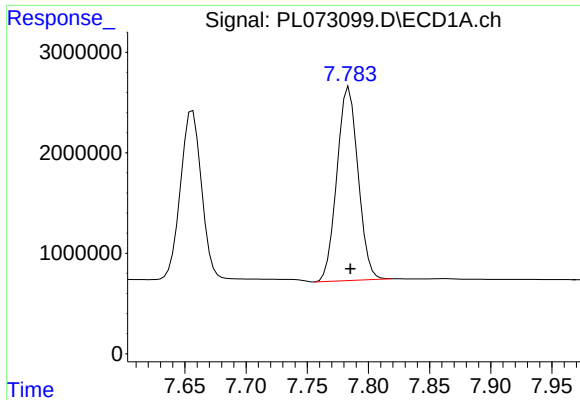
R.T.: 7.656 min  
Delta R.T.: 0.000 min  
Response: 19979599  
Conc: 51.40 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min  
Delta R.T.: 0.000 min  
Response: 88344895  
Conc: 56.50 ng/ml





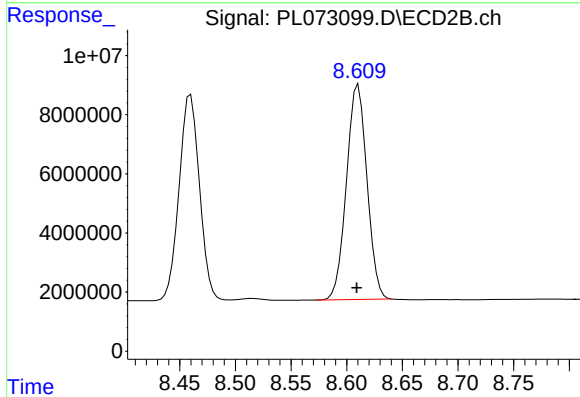
#13 Dieldrin

R.T.: 7.783 min  
Delta R.T.: -0.003 min  
Response: 23181990  
Conc: 51.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

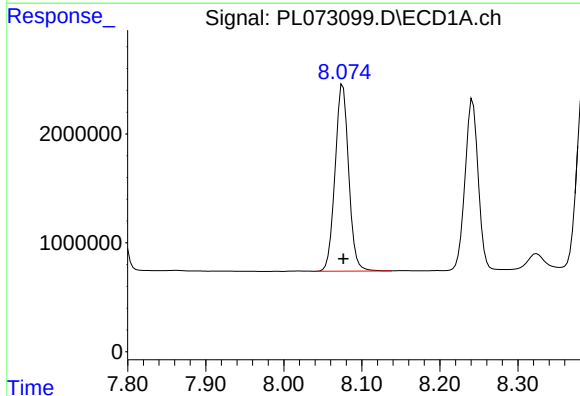
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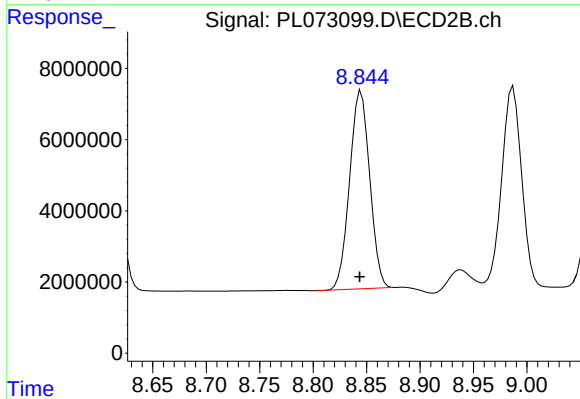
#13 Dieldrin

R.T.: 8.610 min  
Delta R.T.: 0.002 min  
Response: 93343831  
Conc: 57.79 ng/ml



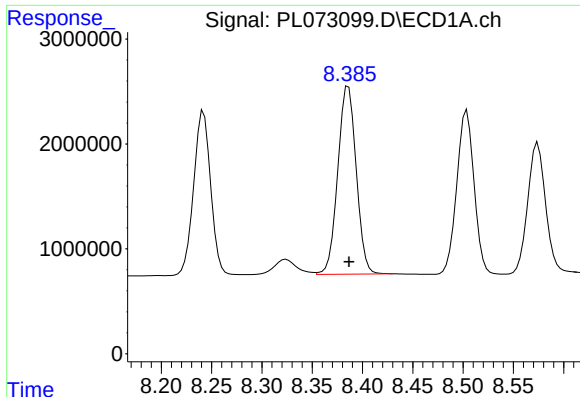
#14 Endrin

R.T.: 8.076 min  
Delta R.T.: 0.000 min  
Response: 20778177  
Conc: 52.33 ng/ml



#14 Endrin

R.T.: 8.845 min  
Delta R.T.: 0.001 min  
Response: 72901099  
Conc: 55.07 ng/ml



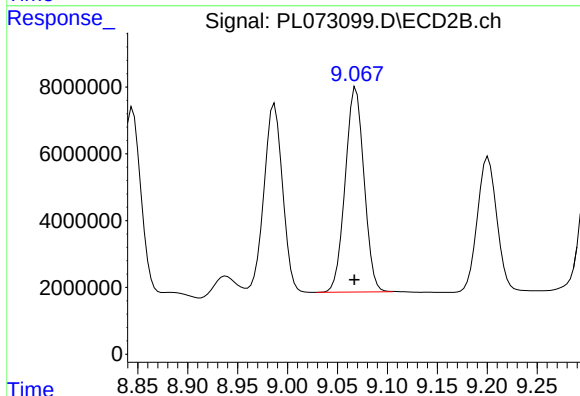
#15 Endosulfan II

R.T.: 8.386 min  
Delta R.T.: 0.000 min  
Response: 22810846  
Conc: 52.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

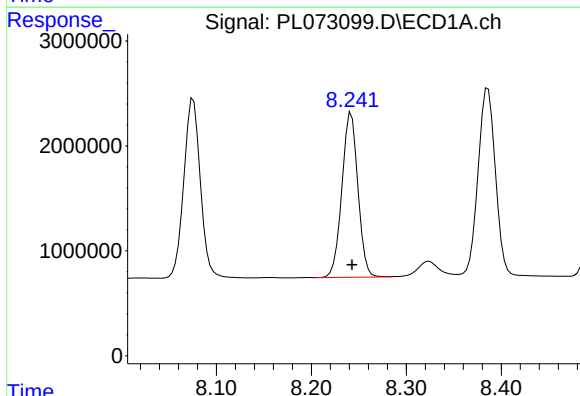
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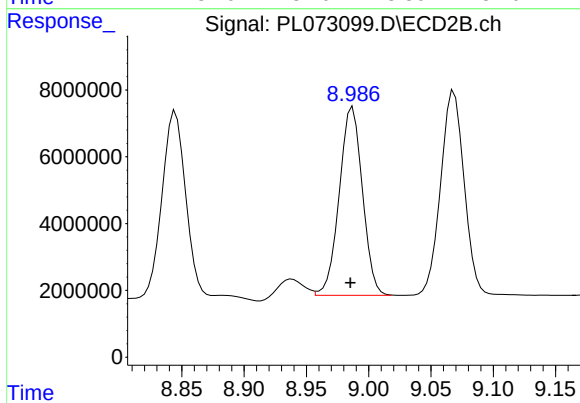
#15 Endosulfan II

R.T.: 9.067 min  
Delta R.T.: 0.000 min  
Response: 80359866  
Conc: 58.07 ng/ml m



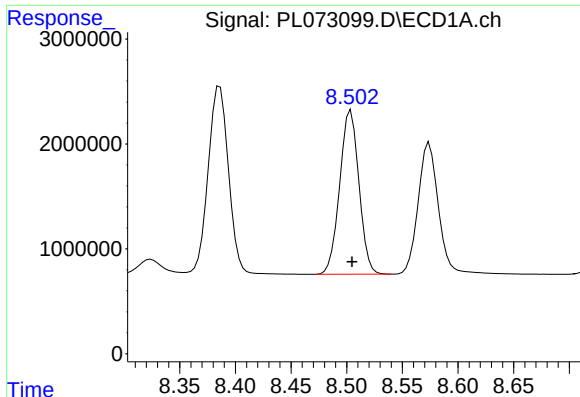
#16 4,4'-DDD

R.T.: 8.242 min  
Delta R.T.: 0.000 min  
Response: 18432010  
Conc: 52.92 ng/ml



#16 4,4'-DDD

R.T.: 8.986 min  
Delta R.T.: 0.000 min  
Response: 73101275  
Conc: 54.97 ng/ml m



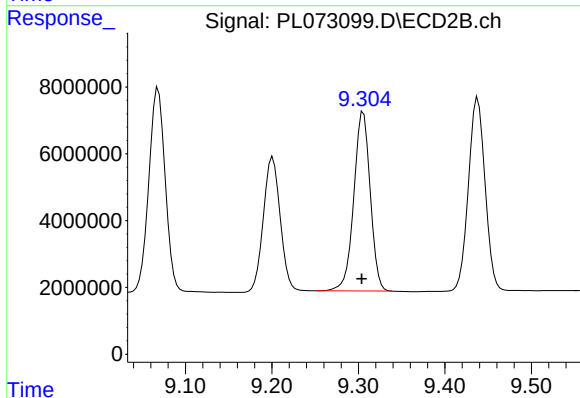
#17 4,4'-DDT

R.T.: 8.504 min  
Delta R.T.: 0.000 min  
Response: 18804636  
Conc: 49.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

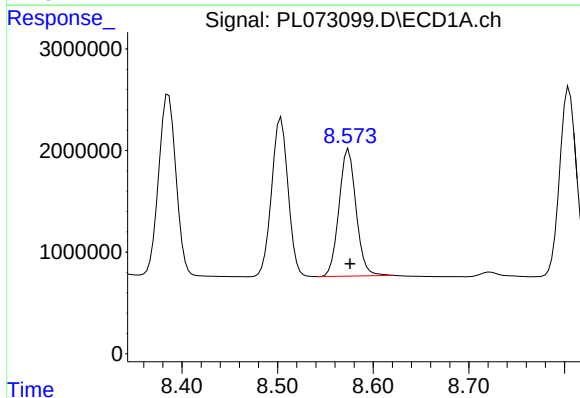
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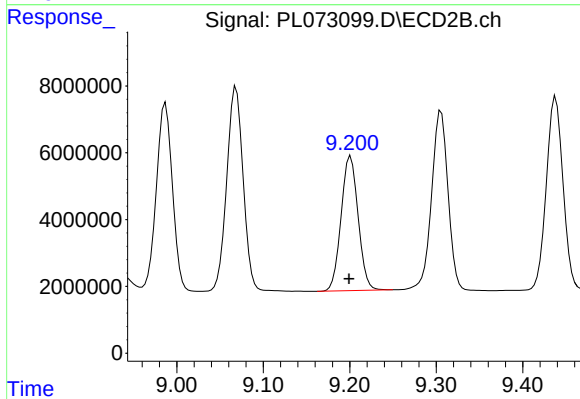
#17 4,4'-DDT

R.T.: 9.306 min  
Delta R.T.: 0.002 min  
Response: 70817485  
Conc: 51.63 ng/ml



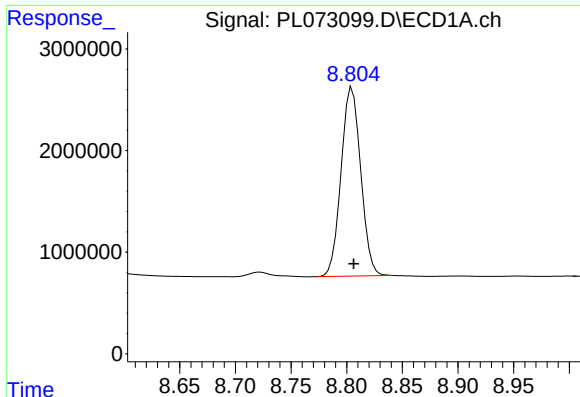
#18 Endrin aldehyde

R.T.: 8.574 min  
Delta R.T.: -0.002 min  
Response: 15539518  
Conc: 48.40 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min  
Delta R.T.: 0.002 min  
Response: 54868992  
Conc: 50.42 ng/ml



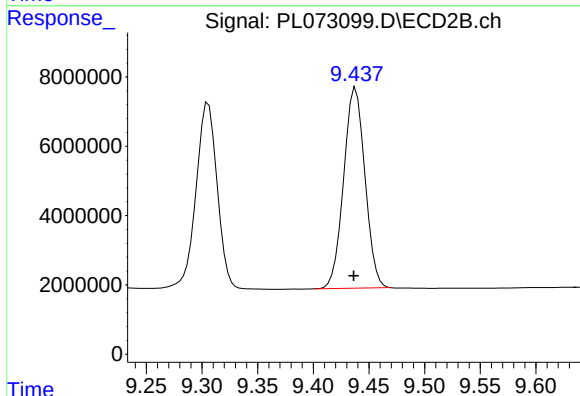
#19 Endosulfan Sulfate

R.T.: 8.805 min  
Delta R.T.: -0.002 min  
Response: 22866431  
Conc: 52.02 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

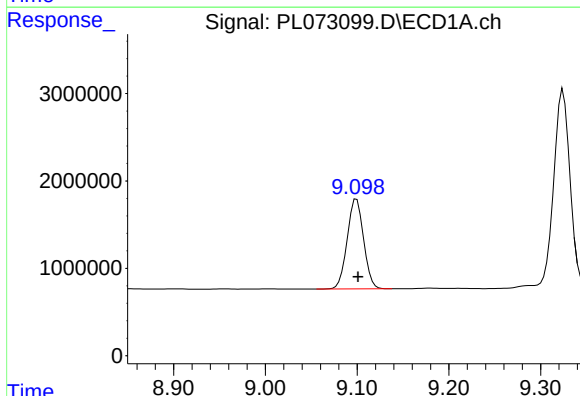
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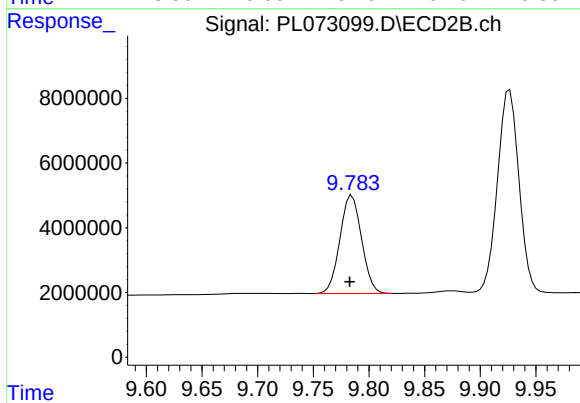
#19 Endosulfan Sulfate

R.T.: 9.438 min  
Delta R.T.: 0.002 min  
Response: 77096026  
Conc: 54.38 ng/ml



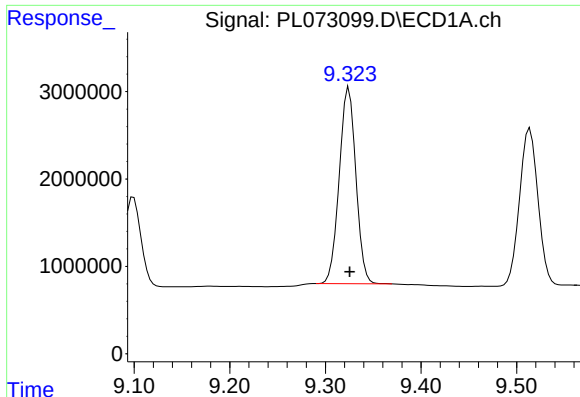
#20 Methoxychlor

R.T.: 9.099 min  
Delta R.T.: -0.002 min  
Response: 12786136  
Conc: 51.19 ng/ml



#20 Methoxychlor

R.T.: 9.785 min  
Delta R.T.: 0.002 min  
Response: 41030982  
Conc: 52.41 ng/ml



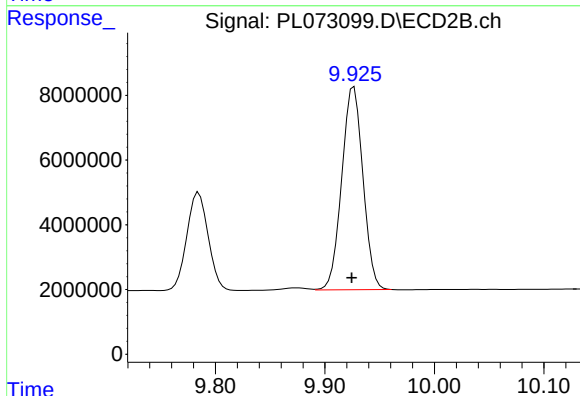
#21 Endrin ketone

R.T.: 9.325 min  
Delta R.T.: 0.000 min  
Response: 27194385  
Conc: 54.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

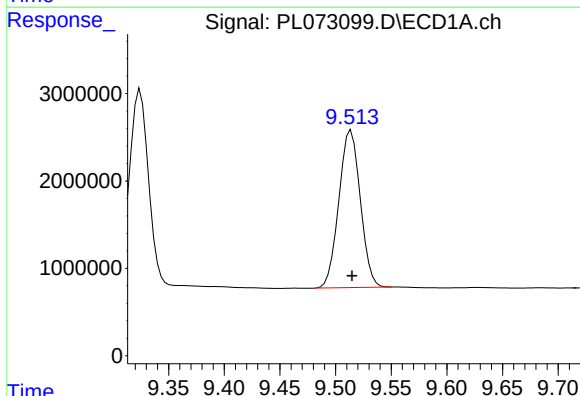
Manual Integrations  
APPROVED

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



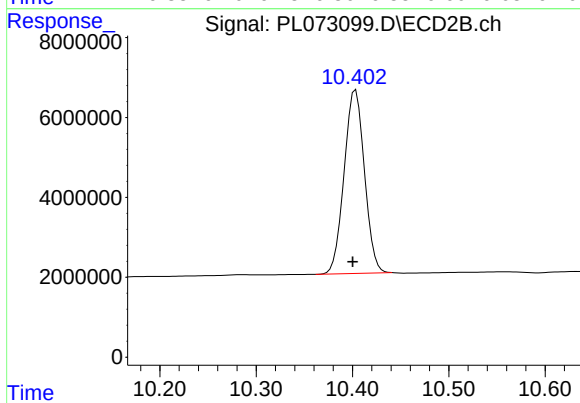
#21 Endrin ketone

R.T.: 9.926 min  
Delta R.T.: 0.002 min  
Response: 84333403  
Conc: 57.52 ng/ml



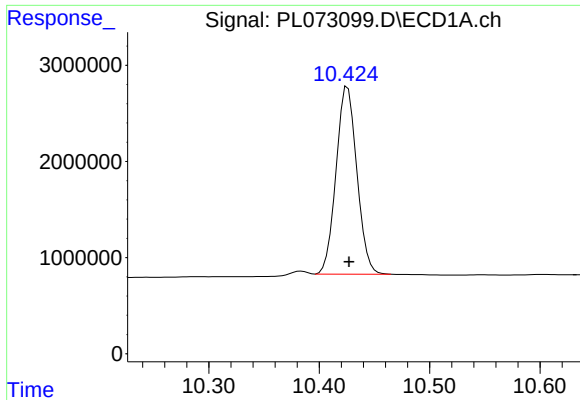
#22 Mirex

R.T.: 9.514 min  
Delta R.T.: 0.000 min  
Response: 24176247  
Conc: 42.85 ng/ml



#22 Mirex

R.T.: 10.403 min  
Delta R.T.: 0.003 min  
Response: 67193294  
Conc: 45.75 ng/ml



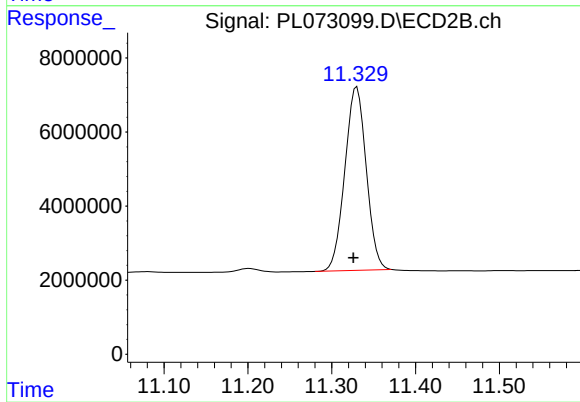
#28 Decachlorobiphenyl

R.T.: 10.424 min  
Delta R.T.: -0.003 min  
Response: 25569210  
Conc: 54.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 11.330 min  
Delta R.T.: 0.004 min  
Response: 87977995  
Conc: 55.77 ng/ml