

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022525\  
 Data File : PL094398.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Feb 2025 15:52  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 02/26/2025  
 Supervised By :Ankita Jodhani 02/26/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 26 00:13:02 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022125.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Feb 21 14:52:19 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

| Compound                    | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-------|-------|----------|----------|---------|----------|
| -----                       |       |       |          |          |         |          |
| System Monitoring Compounds |       |       |          |          |         |          |
| 1) SA Tetrachlo...          | 3.536 | 2.771 | 127.2E6  | 166.5E6  | 50.078  | 52.165   |
| 28) SA Decachlor...         | 9.051 | 7.904 | 97014900 | 165.9E6  | 45.605  | 43.149   |
| Target Compounds            |       |       |          |          |         |          |
| 2) A alpha-BHC              | 3.992 | 3.273 | 185.7E6  | 254.0E6  | 49.100  | 51.684   |
| 3) MA gamma-BHC...          | 4.324 | 3.603 | 179.6E6  | 244.4E6  | 48.597  | 51.896   |
| 4) MA Heptachlor            | 4.913 | 3.940 | 158.2E6  | 231.1E6  | 46.649  | 48.961   |
| 5) MB Aldrin                | 5.254 | 4.220 | 163.4E6  | 237.2E6  | 47.611  | 51.333   |
| 6) B beta-BHC               | 4.523 | 3.903 | 76832947 | 102.1E6  | 48.114  | 51.326   |
| 7) B delta-BHC              | 4.770 | 4.131 | 171.0E6  | 245.0E6  | 48.342  | 51.725   |
| 8) B Heptachlo...           | 5.681 | 4.722 | 145.1E6  | 215.7E6  | 48.140  | 50.692   |
| 9) A Endosulfan I           | 6.066 | 5.092 | 128.2E6  | 184.3E6  | 46.646  | 46.234   |
| 10) B gamma-Chl...          | 5.937 | 4.972 | 137.0E6  | 218.3E6  | 46.671  | 50.324   |
| 11) B alpha-Chl...          | 6.016 | 5.036 | 137.1E6  | 214.9E6  | 47.333  | 49.770   |
| 12) B 4,4'-DDE              | 6.190 | 5.223 | 129.2E6  | 213.9E6  | 49.456  | 50.921m  |
| 13) MA Dieldrin             | 6.341 | 5.356 | 135.0E6  | 217.1E6  | 47.371  | 49.547   |
| 14) MA Endrin               | 6.570 | 5.631 | 104.4E6  | 180.4E6  | 40.891m | 52.971 # |
| 15) B Endosulfa...          | 6.791 | 5.926 | 114.6E6  | 187.1E6  | 45.538  | 50.040   |
| 16) A 4,4'-DDD              | 6.708 | 5.780 | 104.4E6  | 181.2E6  | 56.457  | 56.887   |
| 17) MA 4,4'-DDT             | 7.021 | 6.029 | 90954048 | 156.1E6  | 43.311  | 43.875   |
| 18) B Endrin al...          | 6.921 | 6.106 | 91974575 | 149.7E6  | 47.244  | 47.352   |
| 19) B Endosulfa...          | 7.156 | 6.329 | 103.7E6  | 181.3E6  | 45.826  | 49.097   |
| 20) A Methoxychlor          | 7.497 | 6.604 | 48173871 | 82545869 | 43.359  | 42.309   |
| 21) B Endrin ke...          | 7.641 | 6.834 | 120.2E6  | 211.2E6  | 47.937  | 49.494   |
| 22) Mirex                   | 8.113 | 7.013 | 90238798 | 165.5E6  | 43.735  | 47.454   |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL022525\  
Data File : PL094398.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Feb 2025 15:52  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

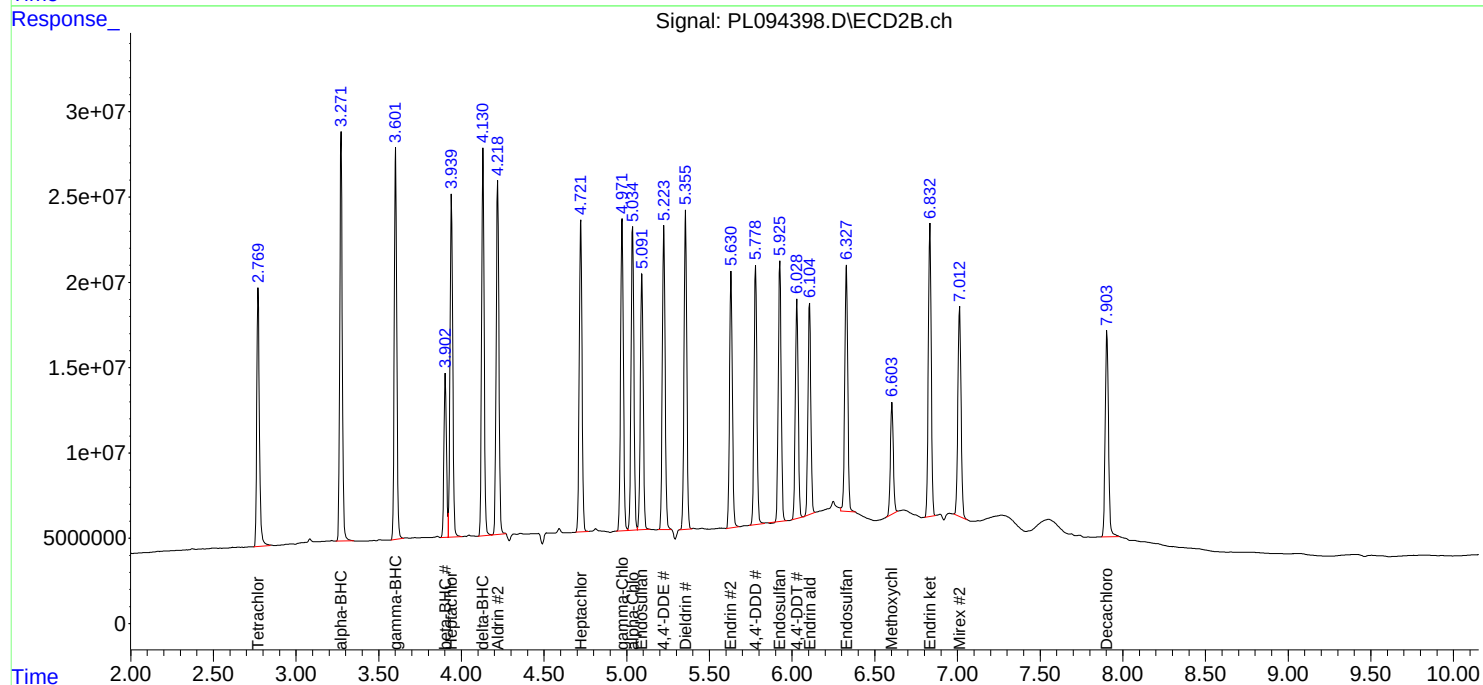
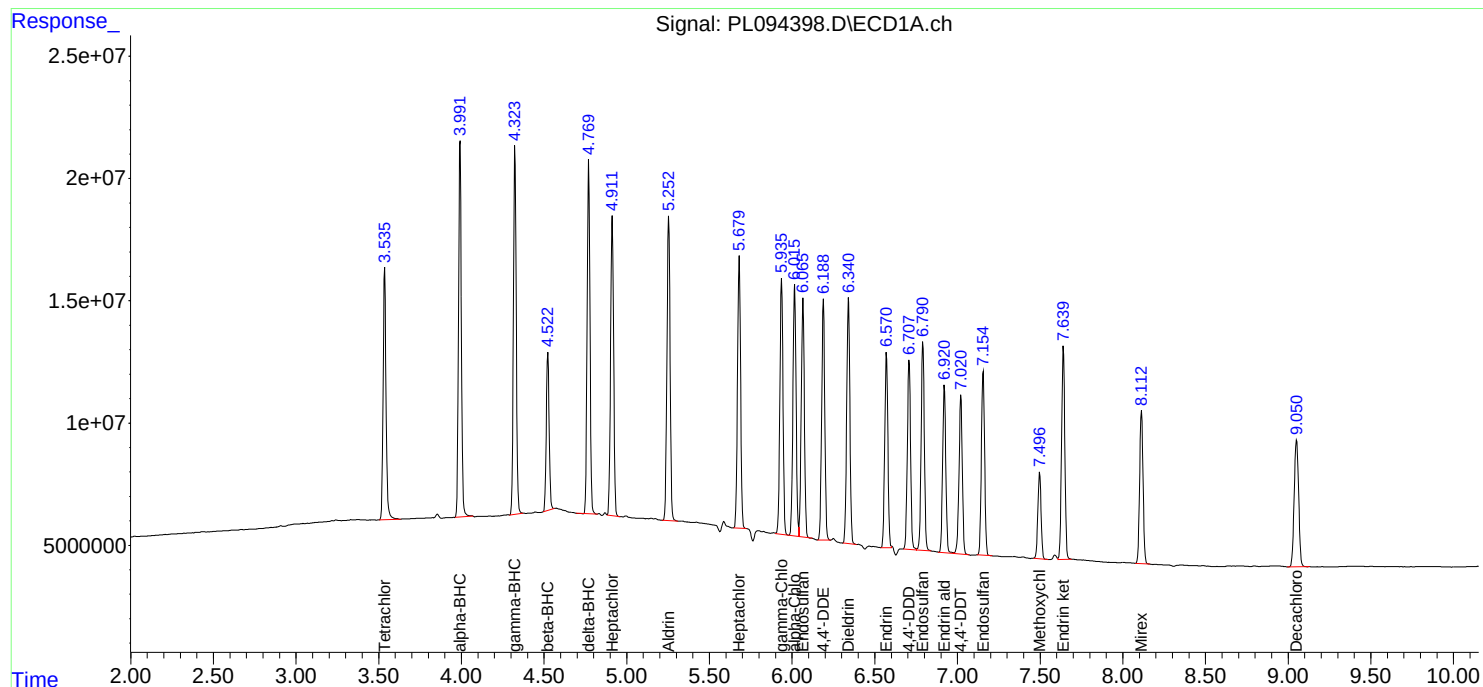
## Manual Integrations

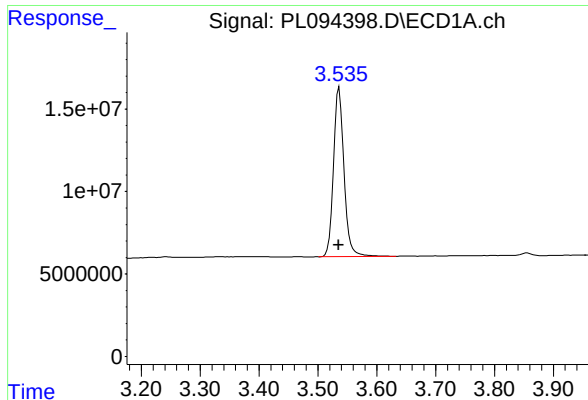
## APPROVED

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Supervised By :Ankita Jodhani 02/26/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 26 00:13:02 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL022125.M  
Quant Title : GC Extractables  
QLast Update : Fri Feb 21 14:52:19 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





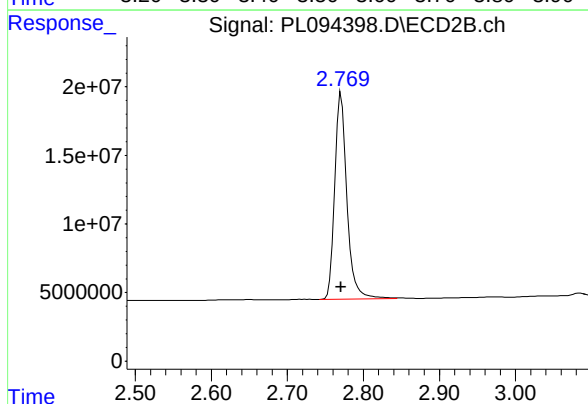
#1 Tetrachloro-m-xylene

R.T.: 3.536 min  
Delta R.T.: 0.001 min  
Response: 127151962  
Conc: 50.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

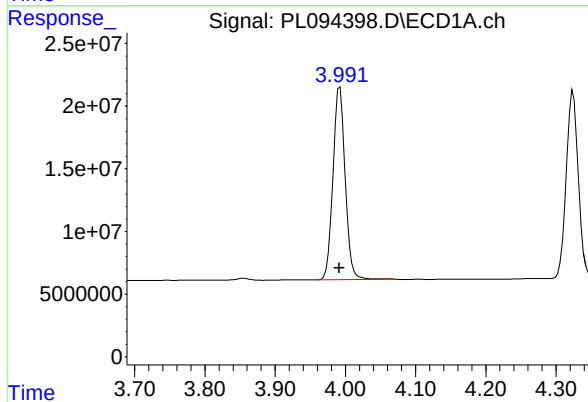
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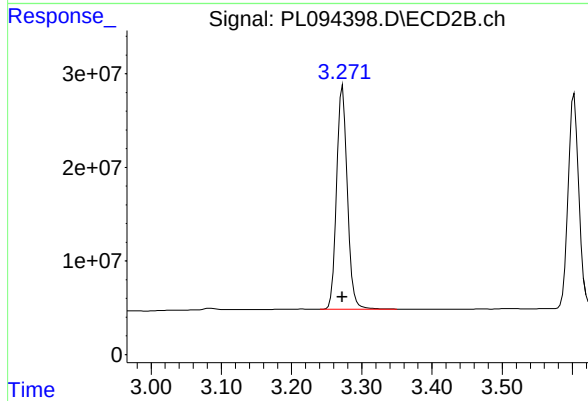
#1 Tetrachloro-m-xylene

R.T.: 2.771 min  
Delta R.T.: 0.000 min  
Response: 166466704  
Conc: 52.16 ng/ml



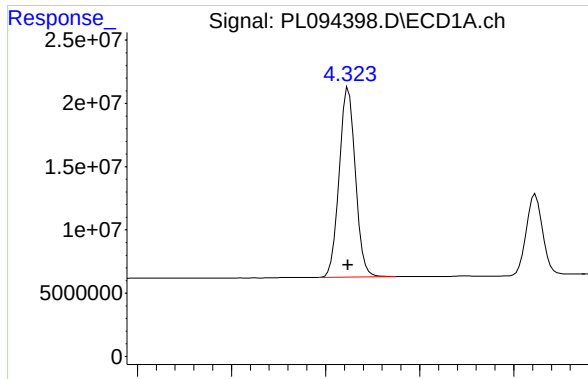
#2 alpha-BHC

R.T.: 3.992 min  
Delta R.T.: 0.000 min  
Response: 185729511  
Conc: 49.10 ng/ml



#2 alpha-BHC

R.T.: 3.273 min  
Delta R.T.: 0.000 min  
Response: 254017941  
Conc: 51.68 ng/ml



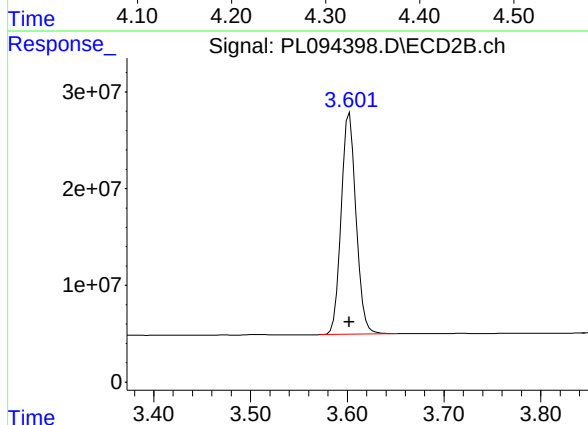
#3 gamma-BHC (Lindane)

R.T.: 4.324 min  
Delta R.T.: 0.000 min  
Response: 179553169  
Conc: 48.60 ng/ml

Instrument :  
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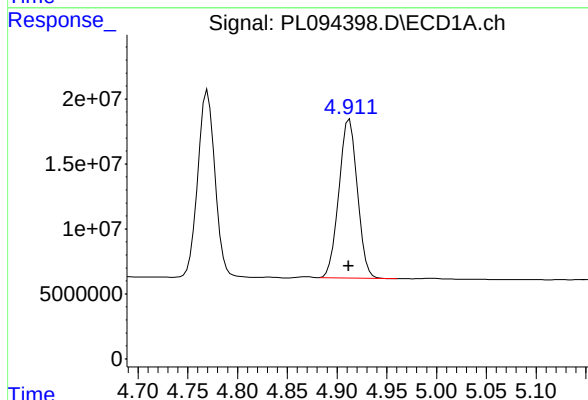
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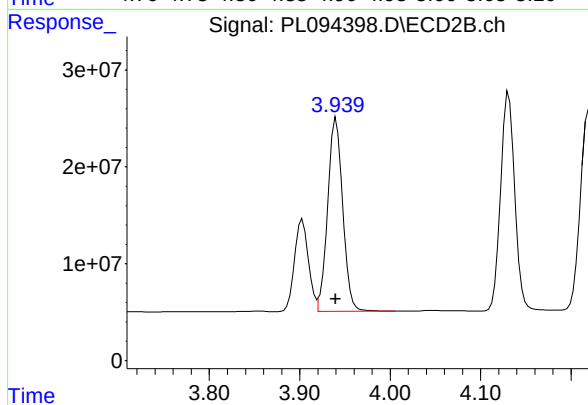
#3 gamma-BHC (Lindane)

R.T.: 3.603 min  
Delta R.T.: 0.000 min  
Response: 244425994  
Conc: 51.90 ng/ml



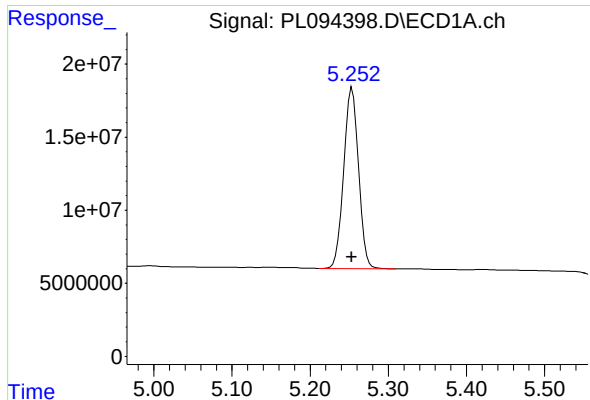
#4 Heptachlor

R.T.: 4.913 min  
Delta R.T.: 0.000 min  
Response: 158157673  
Conc: 46.65 ng/ml



#4 Heptachlor

R.T.: 3.940 min  
Delta R.T.: 0.000 min  
Response: 231110428  
Conc: 48.96 ng/ml



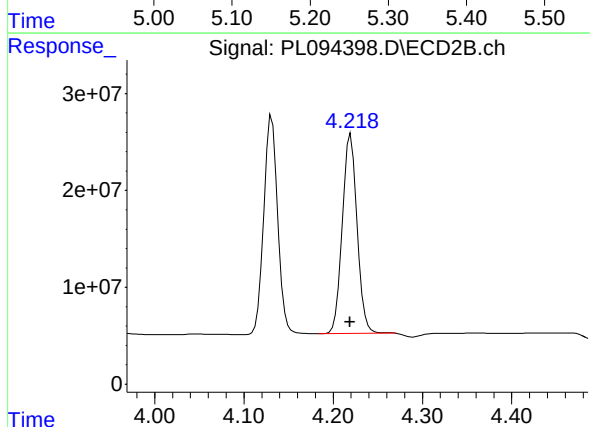
#5 Aldrin

R.T.: 5.254 min  
Delta R.T.: 0.000 min  
Response: 163388251  
Conc: 47.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

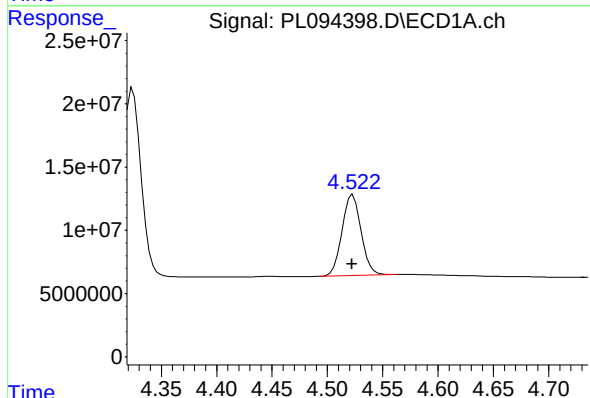
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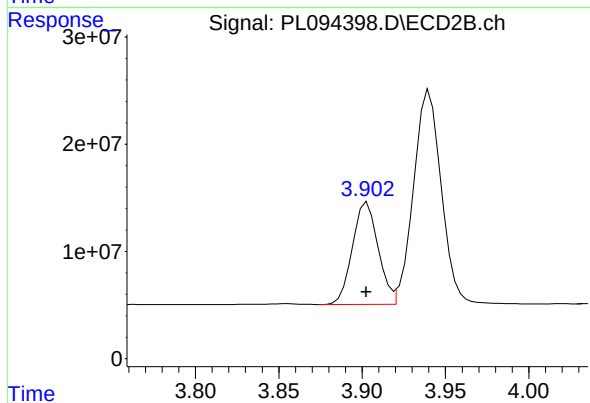
#5 Aldrin

R.T.: 4.220 min  
Delta R.T.: 0.000 min  
Response: 237179028  
Conc: 51.33 ng/ml



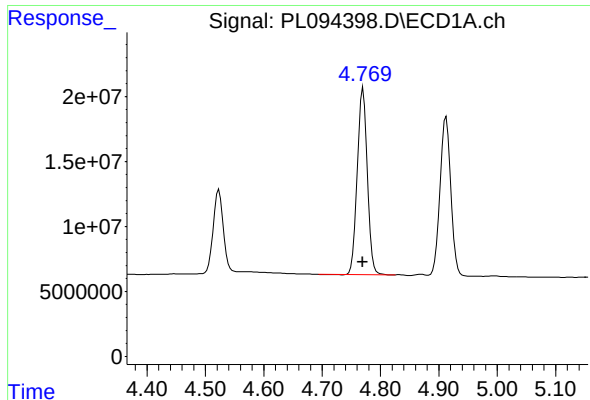
#6 beta-BHC

R.T.: 4.523 min  
Delta R.T.: 0.000 min  
Response: 76832947  
Conc: 48.11 ng/ml



#6 beta-BHC

R.T.: 3.903 min  
Delta R.T.: 0.000 min  
Response: 102082622  
Conc: 51.33 ng/ml



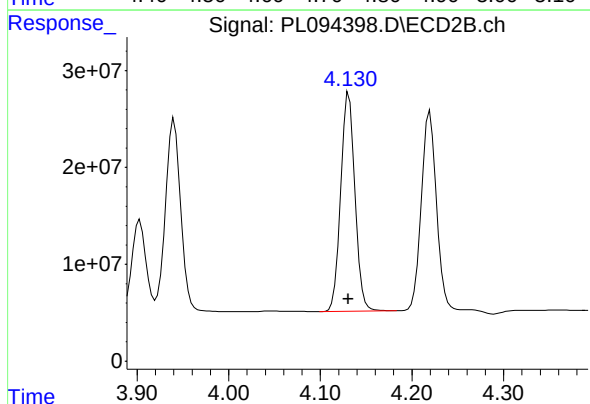
#7 delta-BHC

R.T.: 4.770 min  
Delta R.T.: 0.000 min  
Response: 171047824  
Conc: 48.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

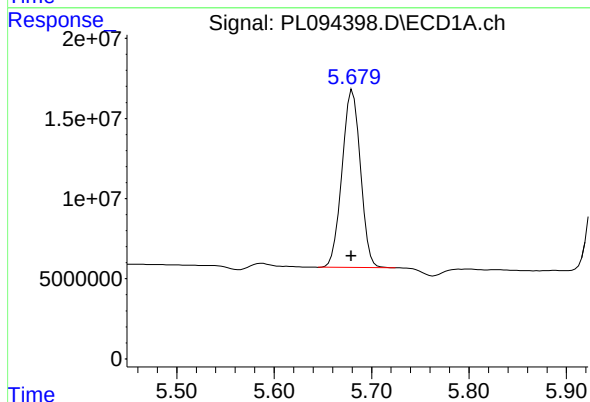
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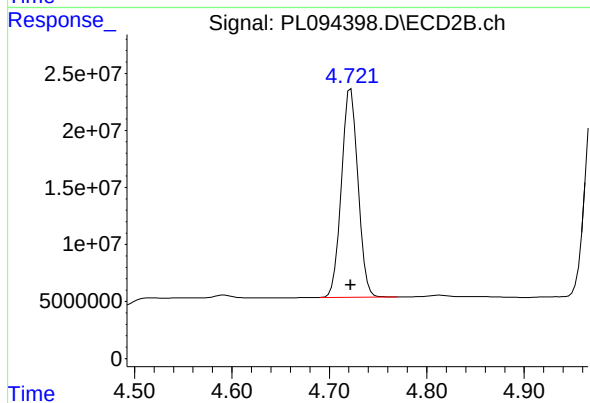
#7 delta-BHC

R.T.: 4.131 min  
Delta R.T.: 0.000 min  
Response: 244956013  
Conc: 51.73 ng/ml



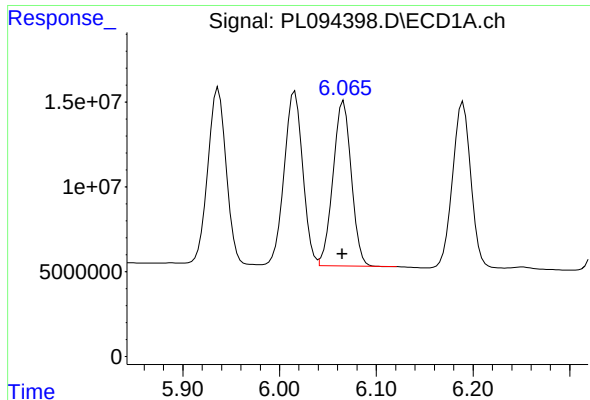
#8 Heptachlor epoxide

R.T.: 5.681 min  
Delta R.T.: 0.001 min  
Response: 145064751  
Conc: 48.14 ng/ml



#8 Heptachlor epoxide

R.T.: 4.722 min  
Delta R.T.: 0.000 min  
Response: 215715266  
Conc: 50.69 ng/ml



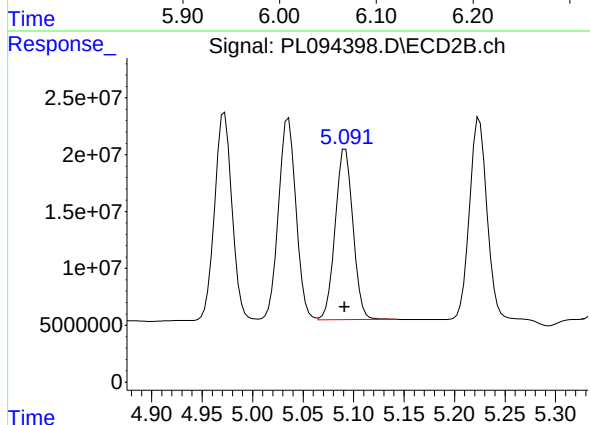
#9 Endosulfan I

R.T.: 6.066 min  
Delta R.T.: 0.001 min  
Response: 128211092  
Conc: 46.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

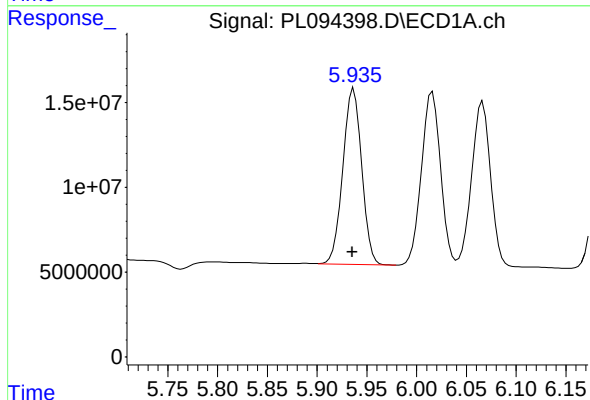
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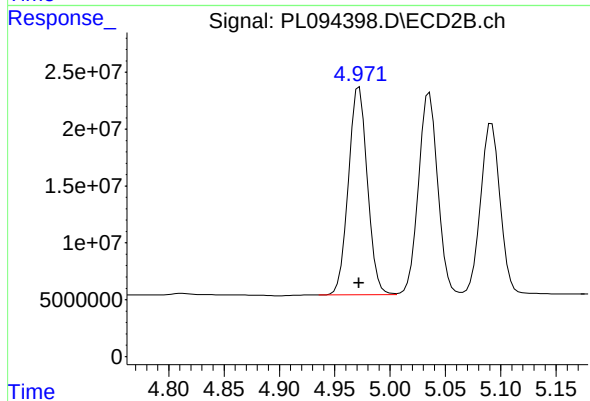
#9 Endosulfan I

R.T.: 5.092 min  
Delta R.T.: 0.000 min  
Response: 184315007  
Conc: 46.23 ng/ml



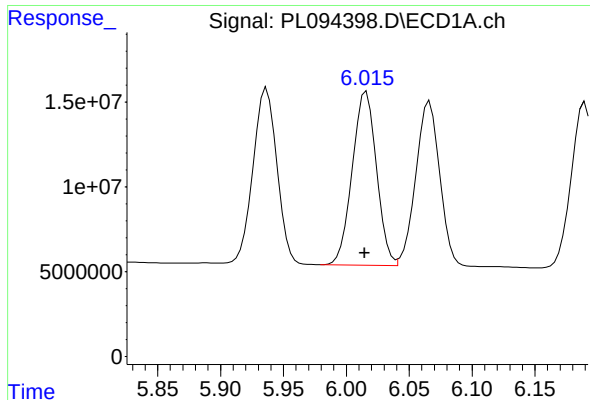
#10 gamma-Chlordane

R.T.: 5.937 min  
Delta R.T.: 0.002 min  
Response: 137031204  
Conc: 46.67 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min  
Delta R.T.: 0.000 min  
Response: 218347107  
Conc: 50.32 ng/ml



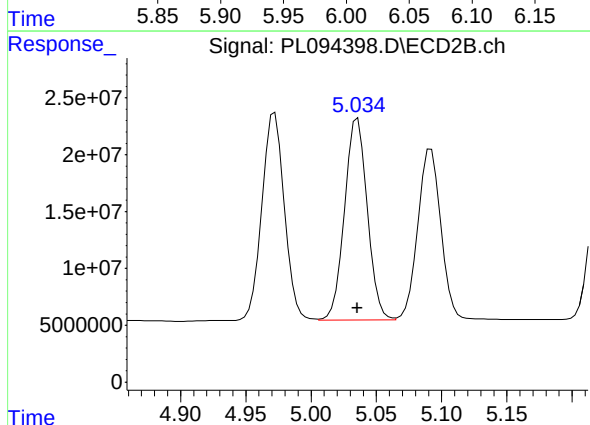
#11 alpha-Chlordane

R.T.: 6.016 min  
Delta R.T.: 0.001 min  
Response: 137126703  
Conc: 47.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

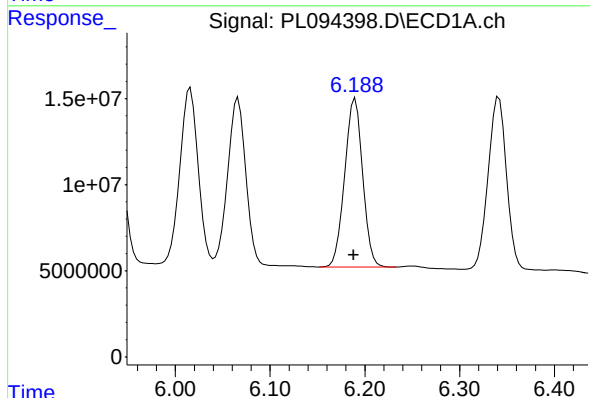
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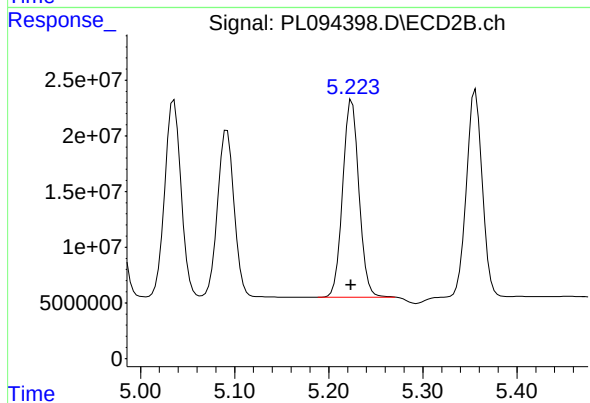
#11 alpha-Chlordane

R.T.: 5.036 min  
Delta R.T.: 0.000 min  
Response: 214887352  
Conc: 49.77 ng/ml



#12 4,4'-DDE

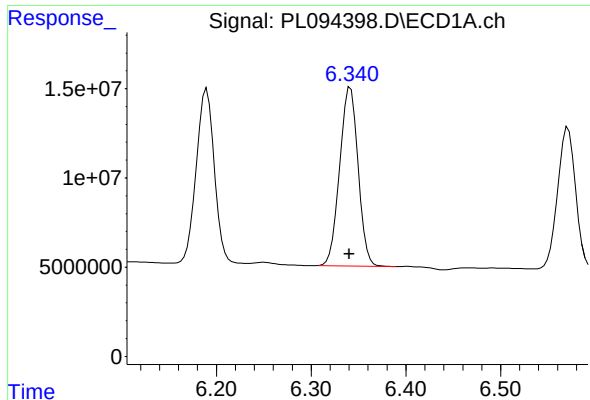
R.T.: 6.190 min  
Delta R.T.: 0.002 min  
Response: 129166203  
Conc: 49.46 ng/ml



#12 4,4'-DDE

R.T.: 5.223 min  
Delta R.T.: 0.000 min  
Response: 213868792  
Conc: 50.92 ng/ml m





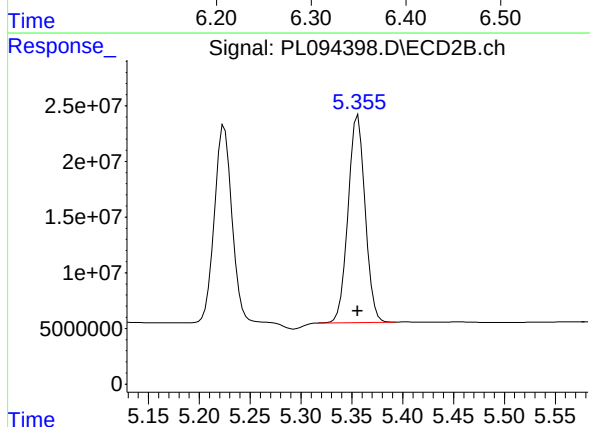
#13 Dieldrin

R.T.: 6.341 min  
Delta R.T.: 0.001 min  
Response: 134962378  
Conc: 47.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

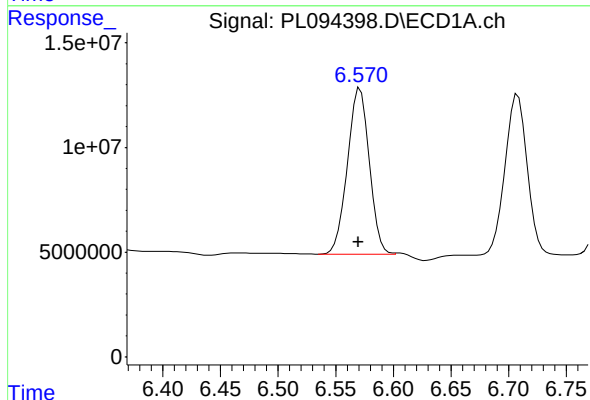
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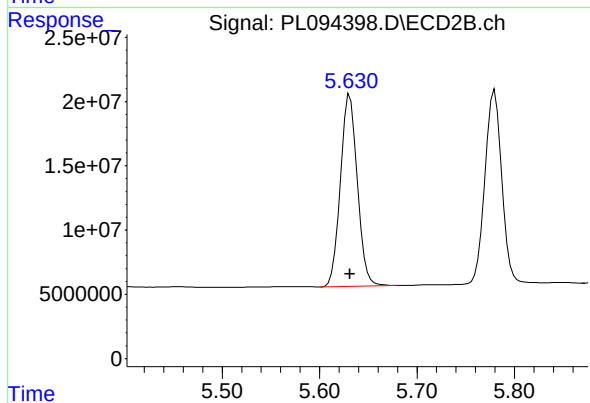
#13 Dieldrin

R.T.: 5.356 min  
Delta R.T.: 0.000 min  
Response: 217105063  
Conc: 49.55 ng/ml



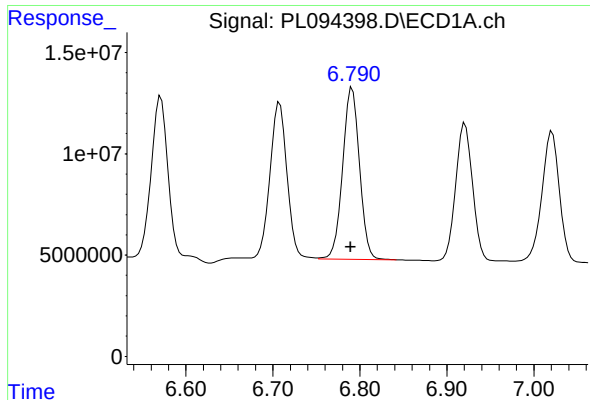
#14 Endrin

R.T.: 6.570 min  
Delta R.T.: 0.000 min  
Response: 104366061  
Conc: 40.89 ng/ml m



#14 Endrin

R.T.: 5.631 min  
Delta R.T.: 0.000 min  
Response: 180352078  
Conc: 52.97 ng/ml



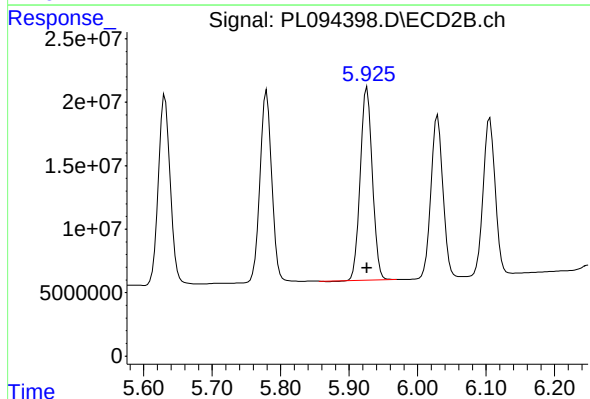
#15 Endosulfan II

R.T.: 6.791 min  
Delta R.T.: 0.002 min  
Response: 114631015  
Conc: 45.54 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

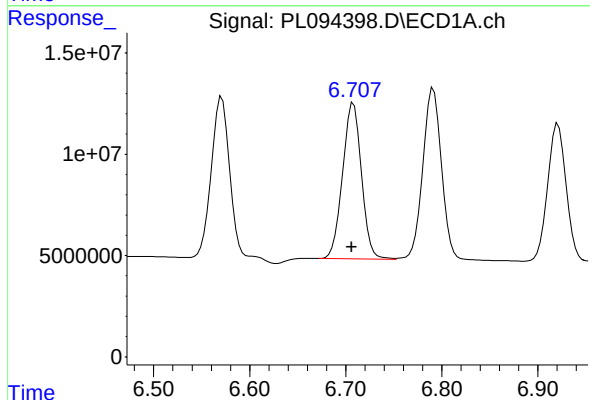
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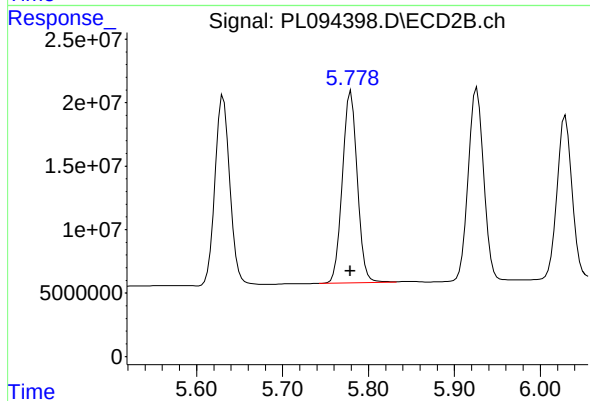
#15 Endosulfan II

R.T.: 5.926 min  
Delta R.T.: 0.000 min  
Response: 187124344  
Conc: 50.04 ng/ml



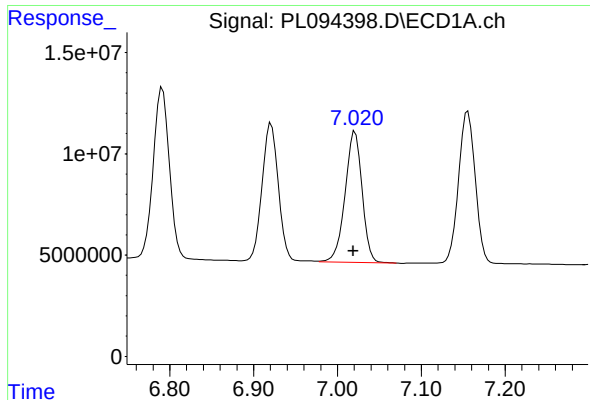
#16 4,4'-DDD

R.T.: 6.708 min  
Delta R.T.: 0.002 min  
Response: 104432307  
Conc: 56.46 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min  
Delta R.T.: 0.000 min  
Response: 181203079  
Conc: 56.89 ng/ml



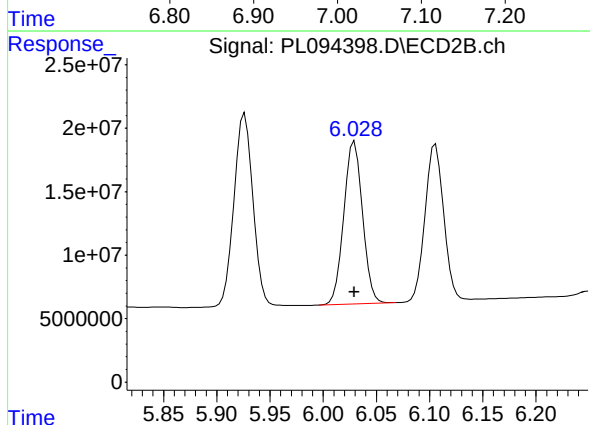
#17 4,4'-DDT

R.T.: 7.021 min  
Delta R.T.: 0.002 min  
Response: 90954048  
Conc: 43.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

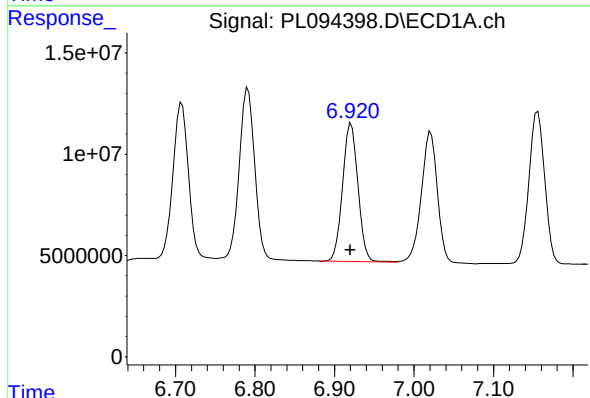
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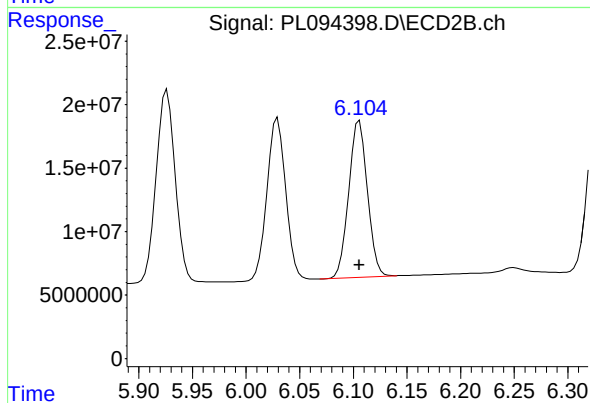
#17 4,4'-DDT

R.T.: 6.029 min  
Delta R.T.: 0.000 min  
Response: 156062100  
Conc: 43.87 ng/ml



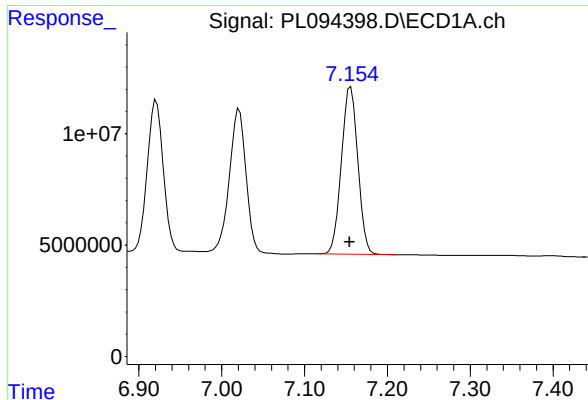
#18 Endrin aldehyde

R.T.: 6.921 min  
Delta R.T.: 0.000 min  
Response: 91974575  
Conc: 47.24 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min  
Delta R.T.: 0.000 min  
Response: 149654131  
Conc: 47.35 ng/ml



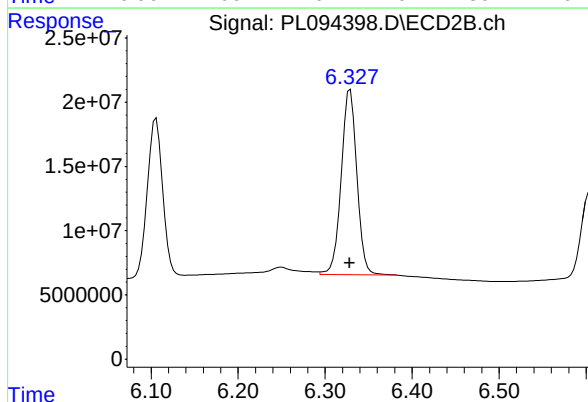
#19 Endosulfan Sulfate

R.T.: 7.156 min  
Delta R.T.: 0.001 min  
Response: 103742152  
Conc: 45.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

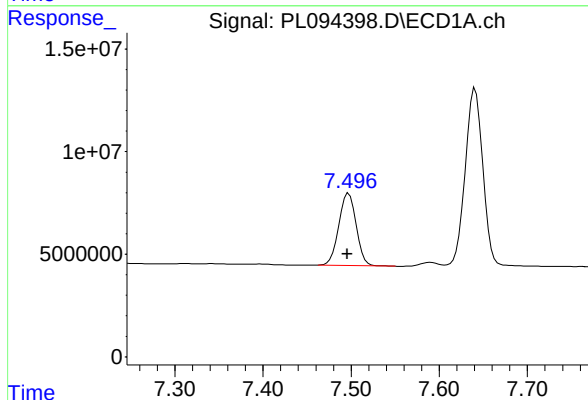
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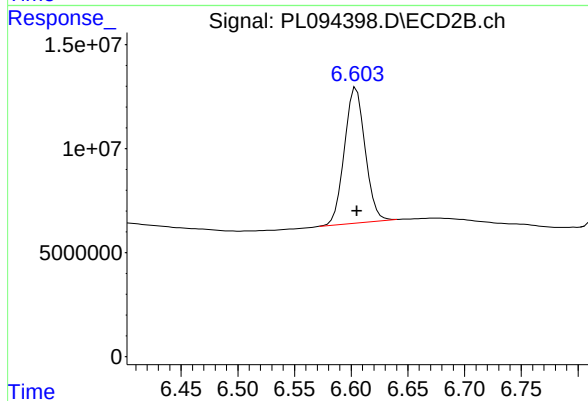
#19 Endosulfan Sulfate

R.T.: 6.329 min  
Delta R.T.: 0.000 min  
Response: 181346232  
Conc: 49.10 ng/ml



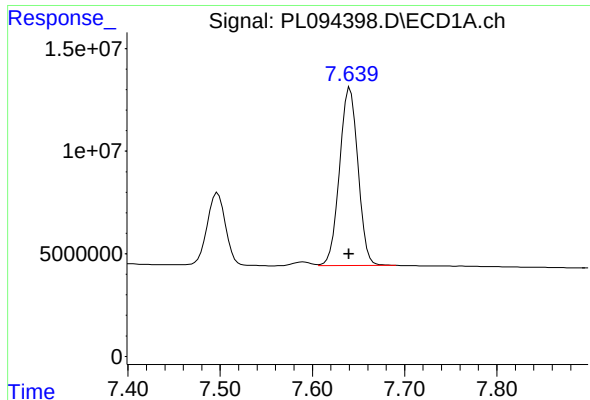
#20 Methoxychlor

R.T.: 7.497 min  
Delta R.T.: 0.002 min  
Response: 48173871  
Conc: 43.36 ng/ml



#20 Methoxychlor

R.T.: 6.604 min  
Delta R.T.: 0.000 min  
Response: 82545869  
Conc: 42.31 ng/ml



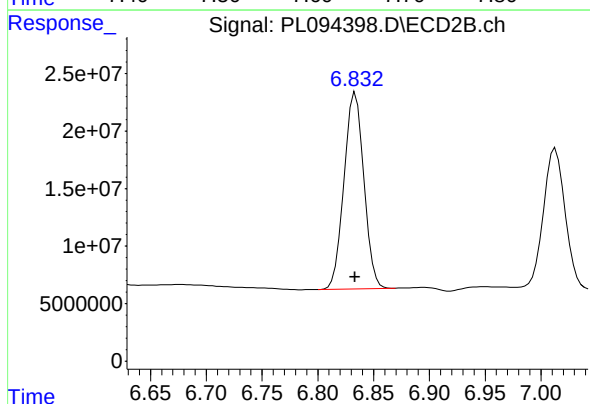
#21 Endrin ketone

R.T.: 7.641 min  
Delta R.T.: 0.001 min  
Response: 120174590  
Conc: 47.94 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

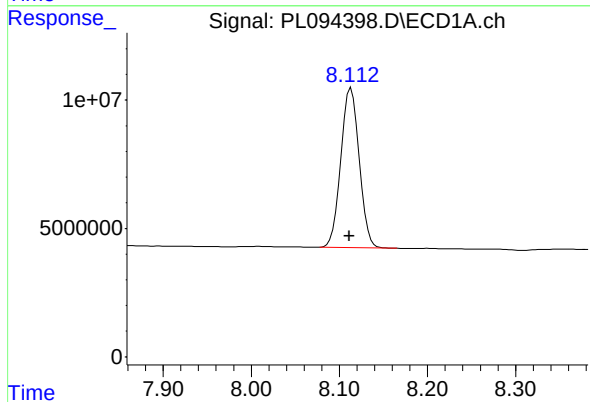
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/26/2025  
Supervised By :Ankita Jodhani 02/26/2025



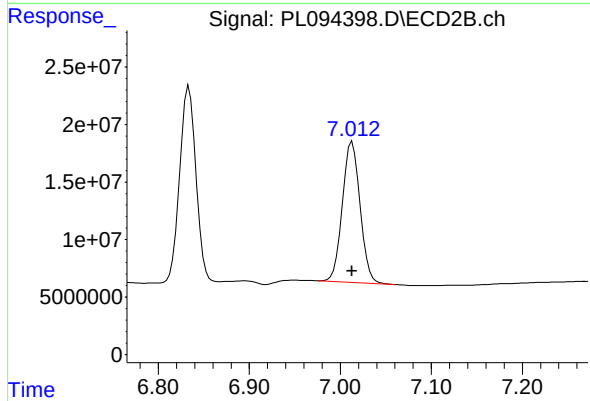
#21 Endrin ketone

R.T.: 6.834 min  
Delta R.T.: 0.000 min  
Response: 211218018  
Conc: 49.49 ng/ml



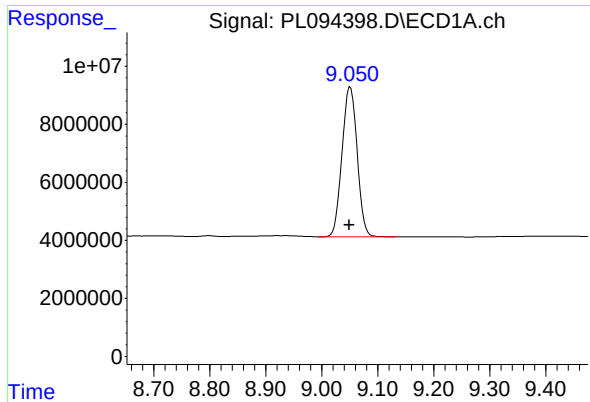
#22 Mirex

R.T.: 8.113 min  
Delta R.T.: 0.002 min  
Response: 90238798  
Conc: 43.74 ng/ml



#22 Mirex

R.T.: 7.013 min  
Delta R.T.: 0.000 min  
Response: 165473630  
Conc: 47.45 ng/ml



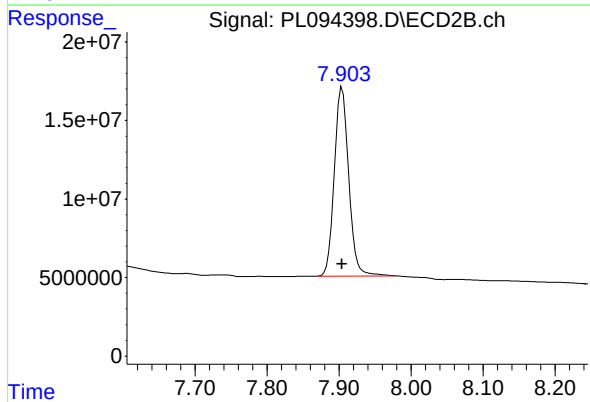
#28 Decachlorobiphenyl

R.T.: 9.051 min  
Delta R.T.: 0.002 min  
Response: 97014900  
Conc: 45.61 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/26/2025  
Supervised By :Ankita Jodhani 02/26/2025



#28 Decachlorobiphenyl

R.T.: 7.904 min  
Delta R.T.: 0.000 min  
Response: 165937139  
Conc: 43.15 ng/ml