

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010825\  
 Data File : PL093608.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Jan 2025 15:33  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 01/09/2025  
 Supervised By :Ankita Jodhani 01/09/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 09 00:17:08 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122324.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 24 15:29:41 2024  
 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... | 3.538 | 2.775 | 129.7E6  | 160.6E6  | 52.408  | 55.161 |
| 28)                         | SA Decachlor... | 9.054 | 7.912 | 91207072 | 139.7E6  | 49.327  | 46.796 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.993 | 3.277 | 183.3E6  | 244.0E6  | 53.085  | 56.139 |
| 3)                          | MA gamma-BHC... | 4.326 | 3.607 | 175.4E6  | 236.3E6  | 53.484  | 56.015 |
| 4)                          | MA Heptachlor   | 4.913 | 3.945 | 152.4E6  | 228.2E6  | 52.054m | 54.906 |
| 5)                          | MB Aldrin       | 5.256 | 4.224 | 148.6E6  | 226.6E6  | 51.093  | 55.241 |
| 6)                          | B beta-BHC      | 4.524 | 3.907 | 76146878 | 99595735 | 52.821  | 55.408 |
| 7)                          | B delta-BHC     | 4.771 | 4.135 | 167.5E6  | 239.6E6  | 54.687  | 56.648 |
| 8)                          | B Heptachlo...  | 5.683 | 4.727 | 131.0E6  | 206.9E6  | 49.735  | 54.045 |
| 9)                          | A Endosulfan I  | 6.068 | 5.097 | 115.7E6  | 189.2E6  | 49.048  | 54.157 |
| 10)                         | B gamma-Chl...  | 5.939 | 4.977 | 124.6E6  | 209.8E6  | 49.565  | 54.444 |
| 11)                         | B alpha-Chl...  | 6.017 | 5.041 | 123.7E6  | 206.1E6  | 49.434  | 54.143 |
| 12)                         | B 4,4'-DDE      | 6.191 | 5.230 | 113.2E6  | 202.6E6  | 50.440  | 55.089 |
| 13)                         | MA Dieldrin     | 6.343 | 5.361 | 123.9E6  | 204.1E6  | 49.645  | 52.964 |
| 14)                         | MA Endrin       | 6.573 | 5.636 | 101.4E6  | 166.2E6  | 47.112  | 50.249 |
| 15)                         | B Endosulfa...  | 6.793 | 5.932 | 106.6E6  | 165.9E6  | 46.879  | 51.073 |
| 16)                         | A 4,4'-DDD      | 6.709 | 5.785 | 93111312 | 150.7E6  | 53.026  | 53.259 |
| 17)                         | MA 4,4'-DDT     | 7.023 | 6.036 | 91296199 | 151.4E6  | 49.389  | 50.127 |
| 18)                         | B Endrin al...  | 6.924 | 6.111 | 85313832 | 133.9E6  | 48.077  | 49.716 |
| 19)                         | B Endosulfa...  | 7.158 | 6.334 | 99619663 | 156.9E6  | 49.340  | 49.738 |
| 20)                         | A Methoxychlor  | 7.499 | 6.611 | 50140220 | 78279384 | 50.156  | 48.632 |
| 21)                         | B Endrin ke...  | 7.643 | 6.839 | 110.8E6  | 170.8E6  | 49.381  | 46.917 |
| 22)                         | Mirex           | 8.116 | 7.020 | 85520390 | 133.4E6  | 45.764  | 43.645 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL010825\  
Data File : PL093608.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 08 Jan 2025 15:33  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

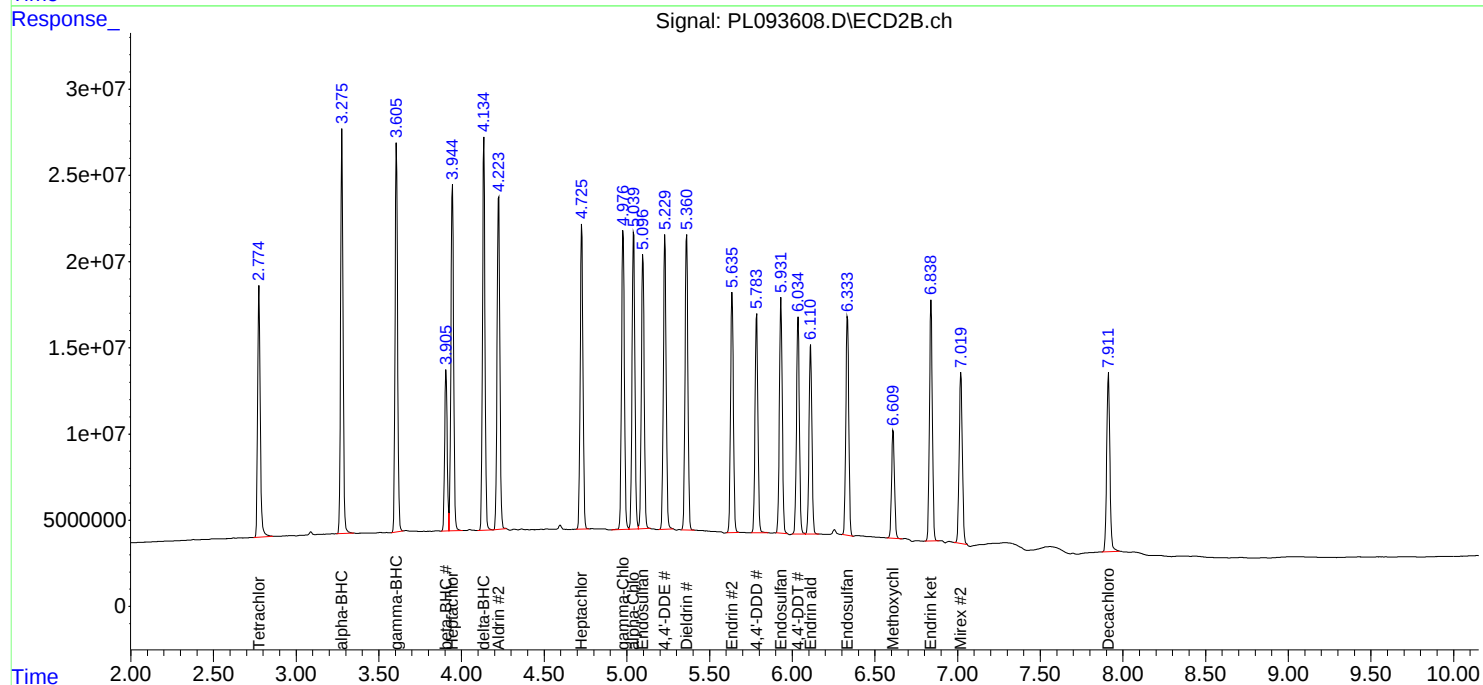
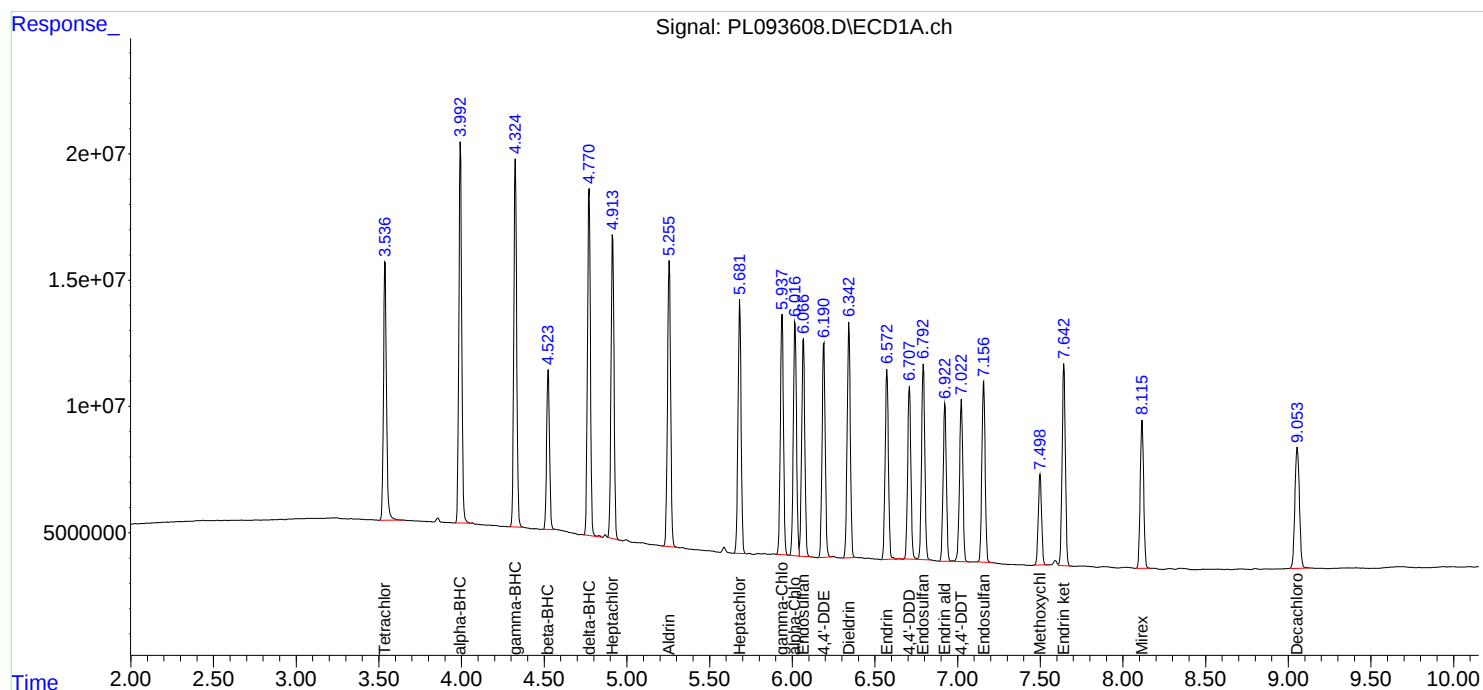
## APPROVED

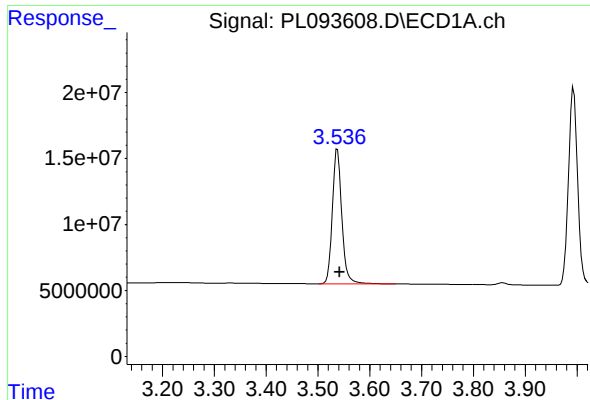
Reviewed By :Abdul Mirza 01/09/2025

Supervised By :Ankita Jodhani 01/09/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 09 00:17:08 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL122324.M  
Quant Title : GC Extractables  
QLast Update : Tue Dec 24 15:29:41 2024  
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





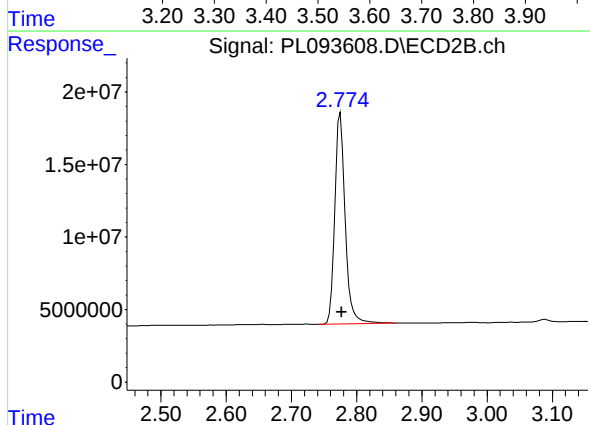
#1 Tetrachloro-m-xylene

R.T.: 3.538 min  
Delta R.T.: -0.004 min  
Response: 129745375  
Conc: 52.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

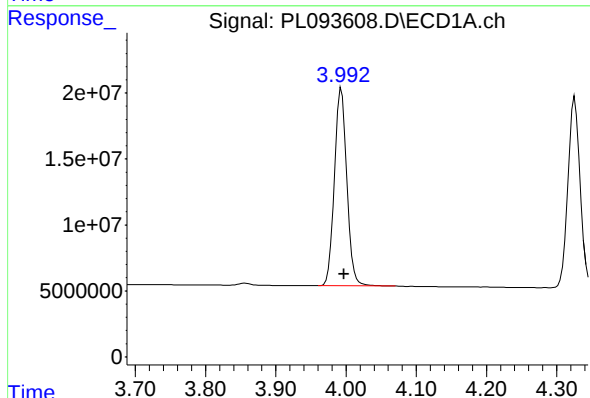
Manual Integrations  
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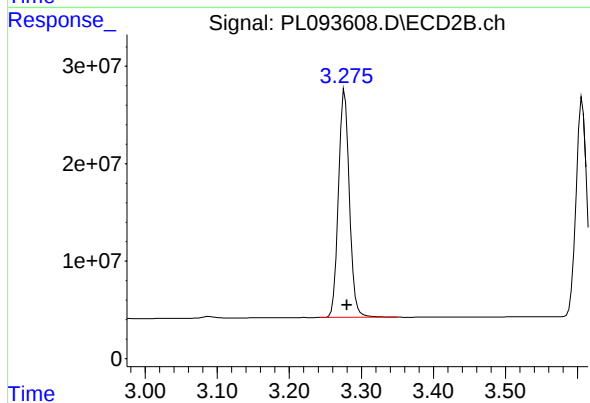
#1 Tetrachloro-m-xylene

R.T.: 2.775 min  
Delta R.T.: -0.002 min  
Response: 160583600  
Conc: 55.16 ng/ml



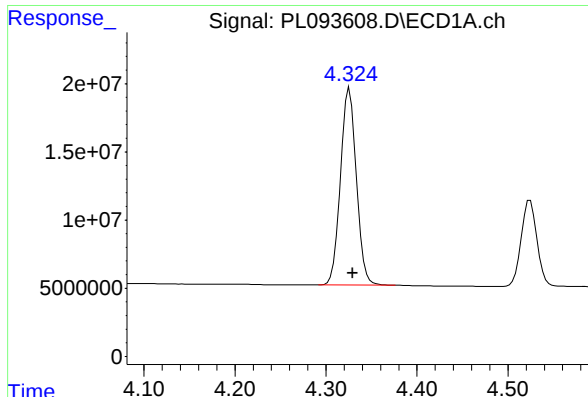
#2 alpha-BHC

R.T.: 3.993 min  
Delta R.T.: -0.004 min  
Response: 183269028  
Conc: 53.08 ng/ml



#2 alpha-BHC

R.T.: 3.277 min  
Delta R.T.: -0.003 min  
Response: 244023434  
Conc: 56.14 ng/ml



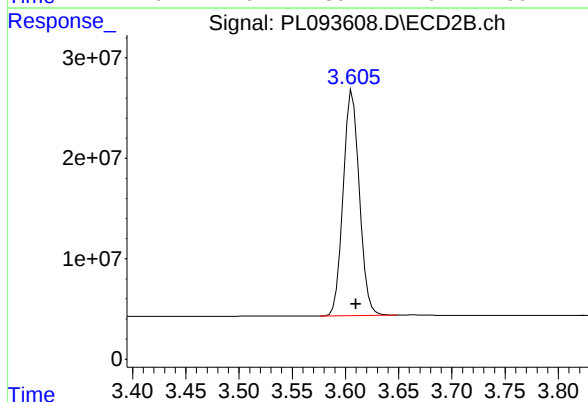
#3 gamma-BHC (Lindane)

R.T.: 4.326 min  
Delta R.T.: -0.003 min  
Response: 175397751  
Conc: 53.48 ng/ml

Instrument :  
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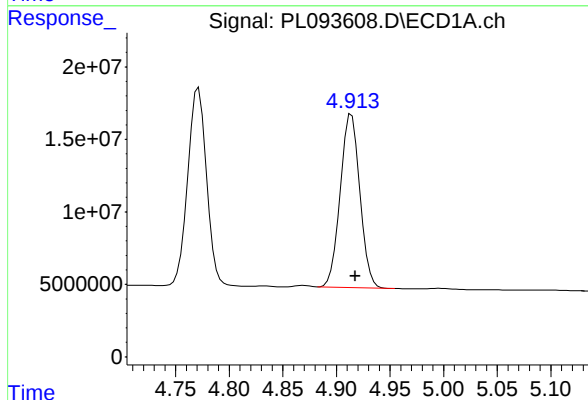
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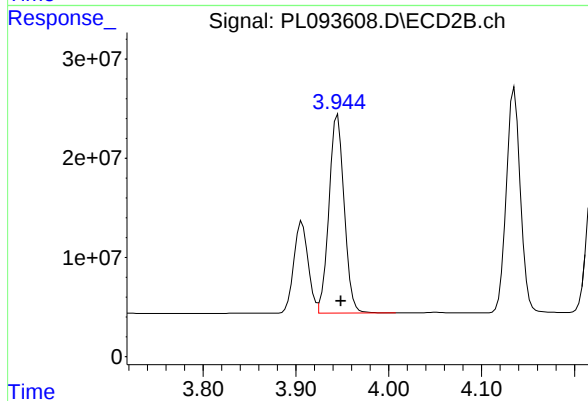
#3 gamma-BHC (Lindane)

R.T.: 3.607 min  
Delta R.T.: -0.003 min  
Response: 236346555  
Conc: 56.01 ng/ml



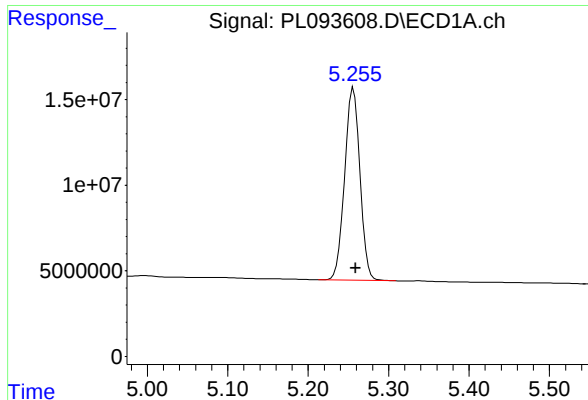
#4 Heptachlor

R.T.: 4.913 min  
Delta R.T.: -0.005 min  
Response: 152431660  
Conc: 52.05 ng/ml m



#4 Heptachlor

R.T.: 3.945 min  
Delta R.T.: -0.003 min  
Response: 228186141  
Conc: 54.91 ng/ml



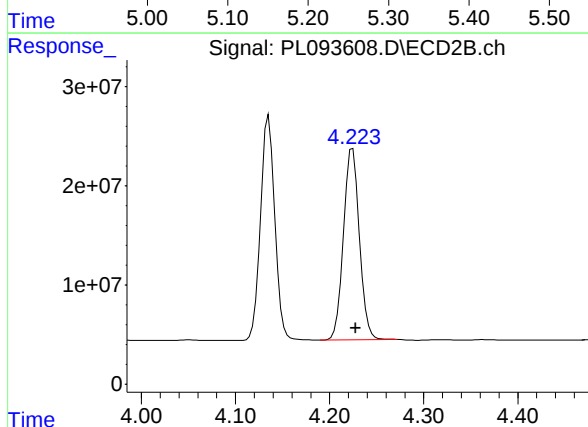
#5 Aldrin

R.T.: 5.256 min  
Delta R.T.: -0.003 min  
Response: 148622966  
Conc: 51.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

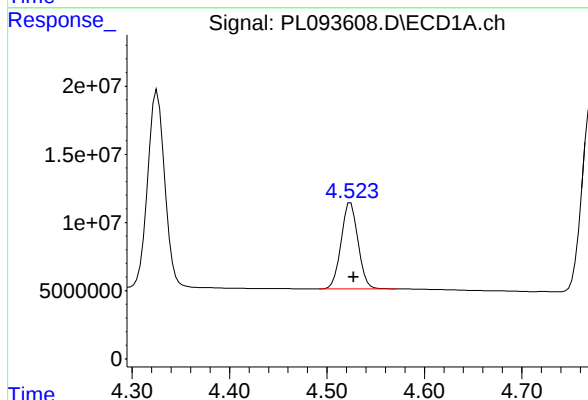
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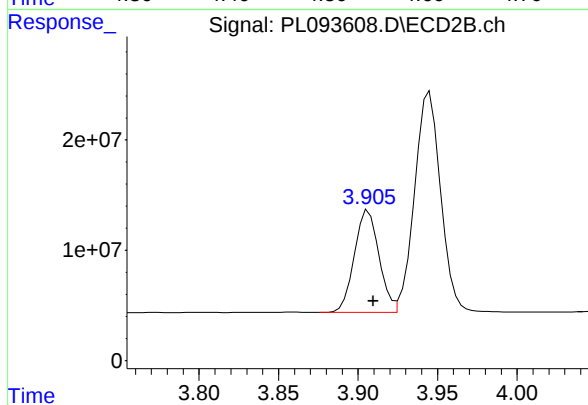
#5 Aldrin

R.T.: 4.224 min  
Delta R.T.: -0.003 min  
Response: 226615977  
Conc: 55.24 ng/ml



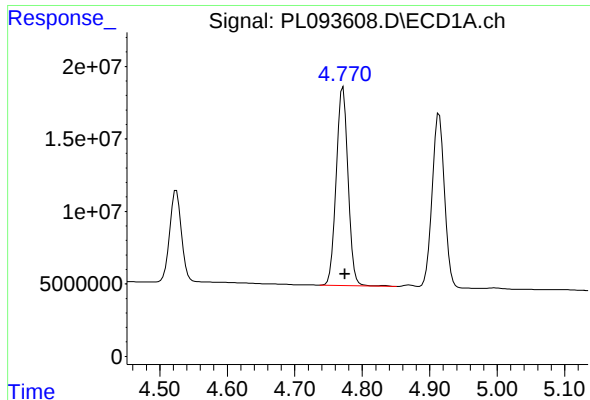
#6 beta-BHC

R.T.: 4.524 min  
Delta R.T.: -0.003 min  
Response: 76146878  
Conc: 52.82 ng/ml



#6 beta-BHC

R.T.: 3.907 min  
Delta R.T.: -0.003 min  
Response: 99595735  
Conc: 55.41 ng/ml



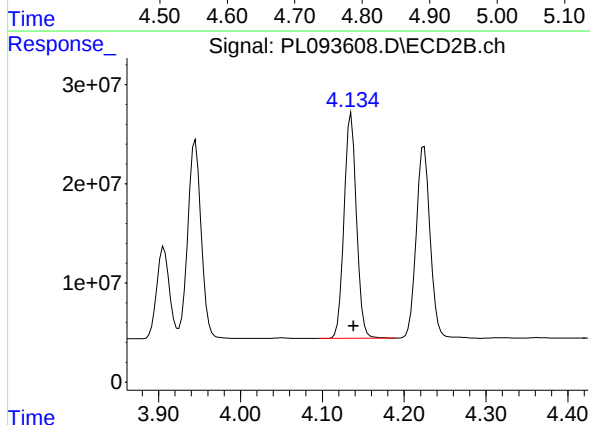
#7 delta-BHC

R.T.: 4.771 min  
Delta R.T.: -0.003 min  
Response: 167482815  
Conc: 54.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

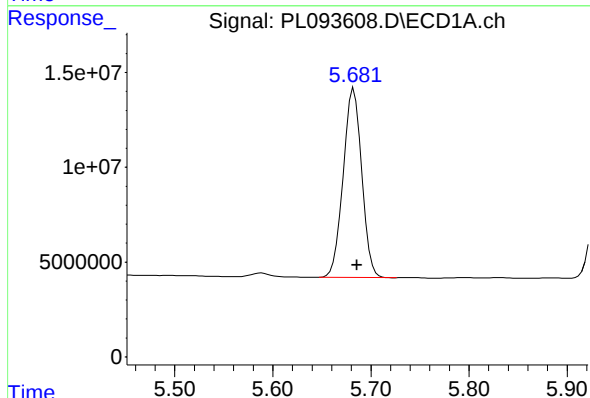
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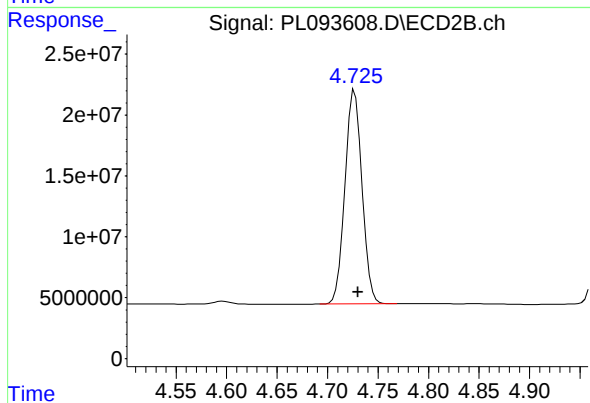
#7 delta-BHC

R.T.: 4.135 min  
Delta R.T.: -0.003 min  
Response: 239556580  
Conc: 56.65 ng/ml



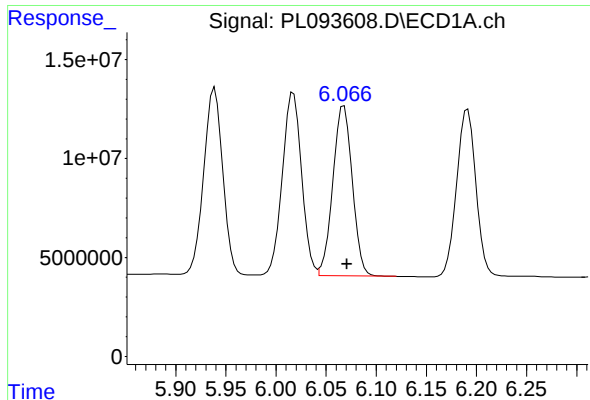
#8 Heptachlor epoxide

R.T.: 5.683 min  
Delta R.T.: -0.003 min  
Response: 131018351  
Conc: 49.73 ng/ml



#8 Heptachlor epoxide

R.T.: 4.727 min  
Delta R.T.: -0.003 min  
Response: 206921581  
Conc: 54.04 ng/ml



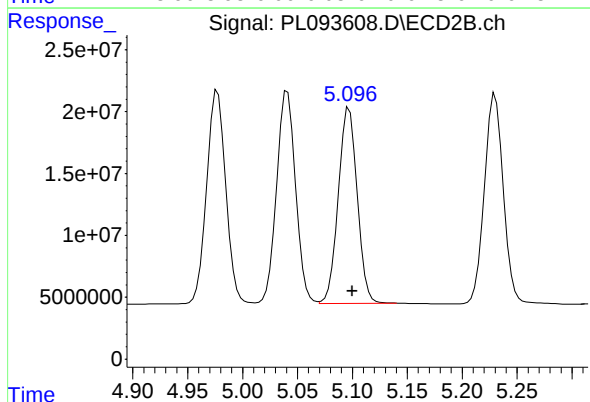
#9 Endosulfan I

R.T.: 6.068 min  
Delta R.T.: -0.003 min  
Response: 115716880  
Conc: 49.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

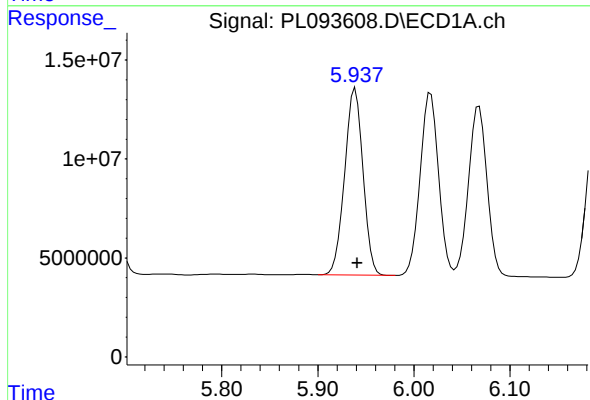
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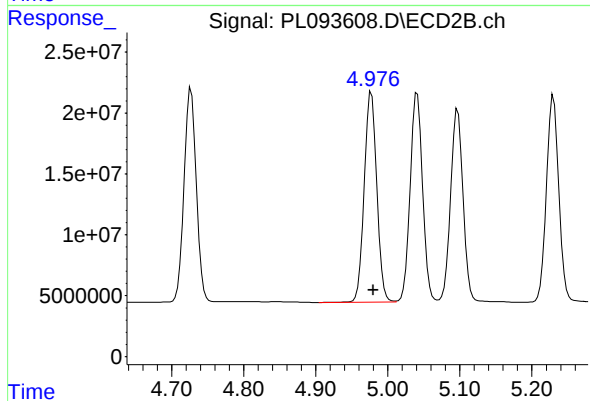
#9 Endosulfan I

R.T.: 5.097 min  
Delta R.T.: -0.003 min  
Response: 189223598  
Conc: 54.16 ng/ml



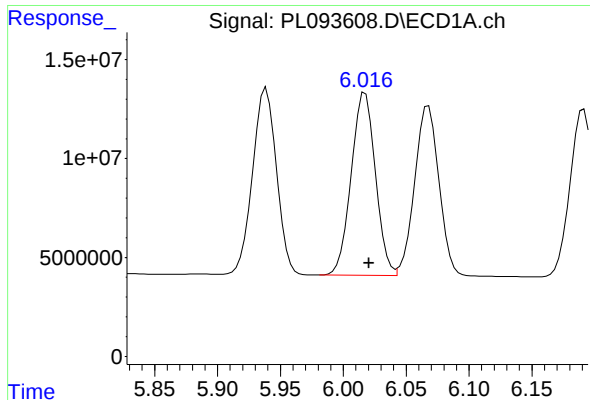
#10 gamma-Chlordane

R.T.: 5.939 min  
Delta R.T.: -0.003 min  
Response: 124561031  
Conc: 49.56 ng/ml



#10 gamma-Chlordane

R.T.: 4.977 min  
Delta R.T.: -0.003 min  
Response: 209772291  
Conc: 54.44 ng/ml



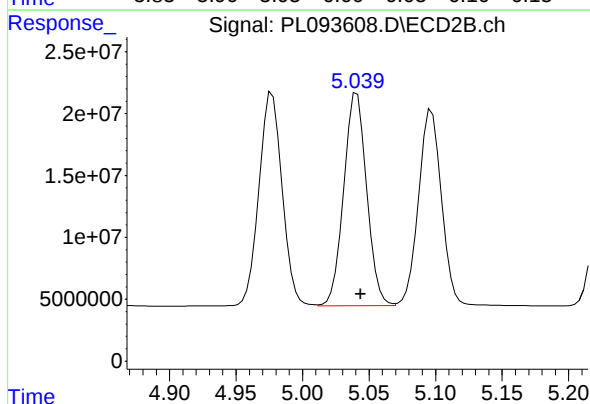
#11 alpha-Chlordane

R.T.: 6.017 min  
Delta R.T.: -0.003 min  
Response: 123728476  
Conc: 49.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

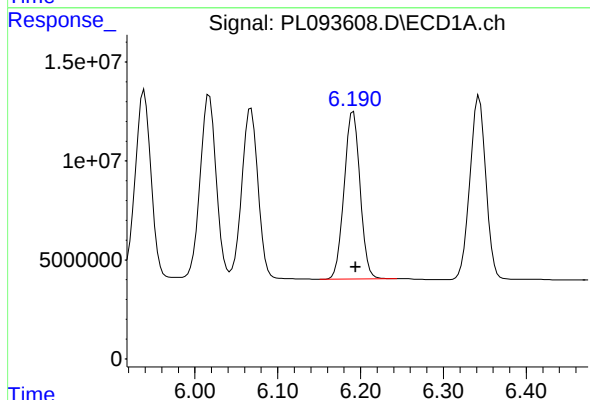
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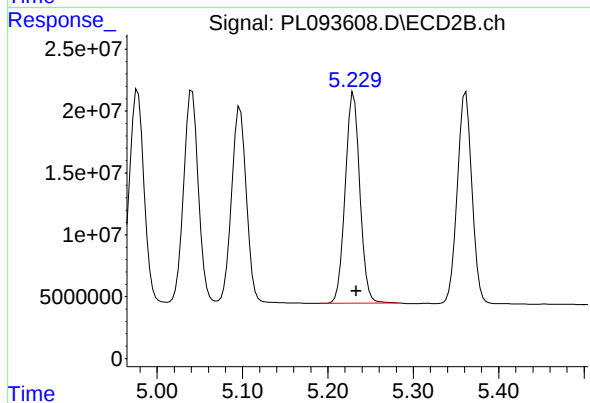
#11 alpha-Chlordane

R.T.: 5.041 min  
Delta R.T.: -0.003 min  
Response: 206143471  
Conc: 54.14 ng/ml



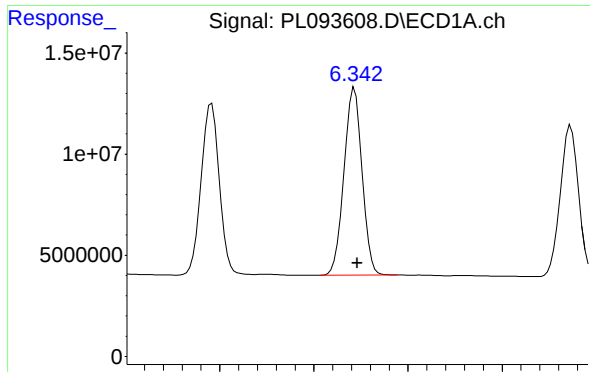
#12 4,4'-DDE

R.T.: 6.191 min  
Delta R.T.: -0.003 min  
Response: 113180755  
Conc: 50.44 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min  
Delta R.T.: -0.003 min  
Response: 202575388  
Conc: 55.09 ng/ml



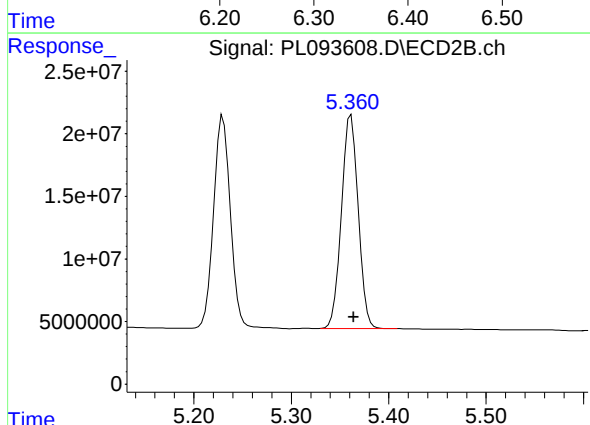
#13 Dieldrin

R.T.: 6.343 min  
Delta R.T.: -0.003 min  
Response: 123868307  
Conc: 49.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

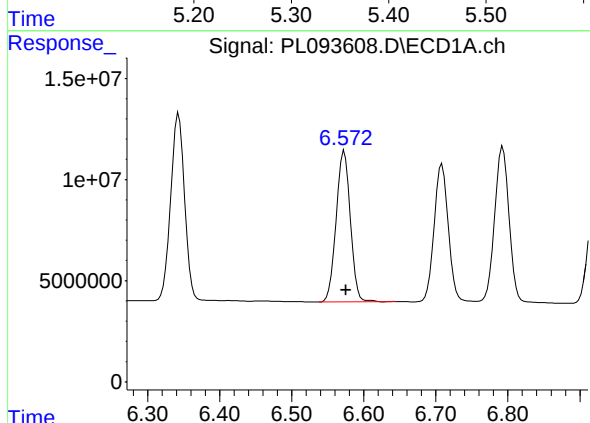
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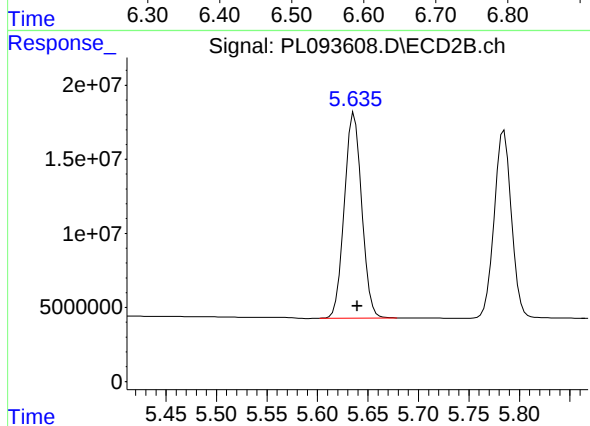
#13 Dieldrin

R.T.: 5.361 min  
Delta R.T.: -0.003 min  
Response: 204115363  
Conc: 52.96 ng/ml



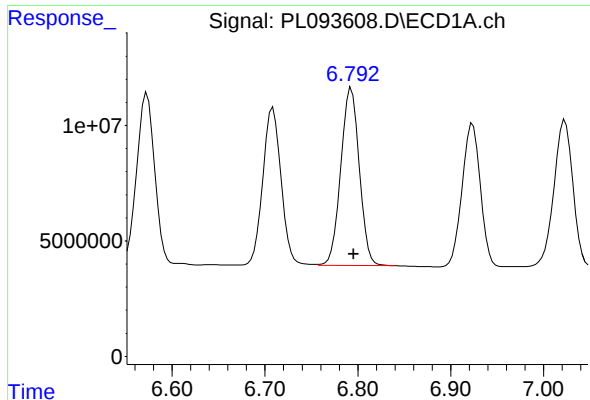
#14 Endrin

R.T.: 6.573 min  
Delta R.T.: -0.003 min  
Response: 101405460  
Conc: 47.11 ng/ml



#14 Endrin

R.T.: 5.636 min  
Delta R.T.: -0.003 min  
Response: 166240120  
Conc: 50.25 ng/ml



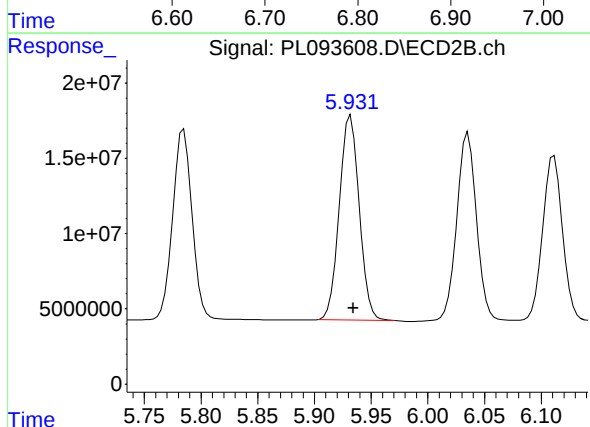
#15 Endosulfan II

R.T.: 6.793 min  
Delta R.T.: -0.002 min  
Response: 106569661  
Conc: 46.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

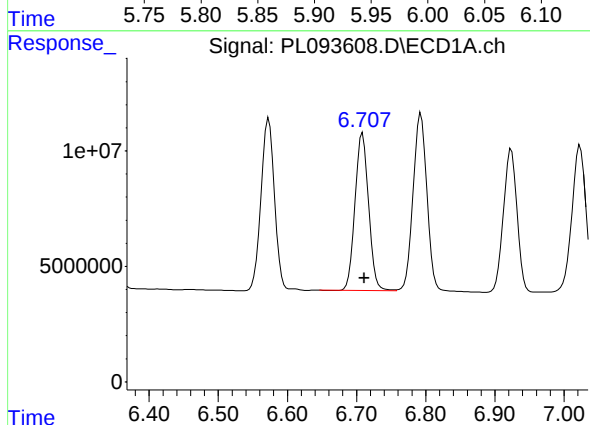
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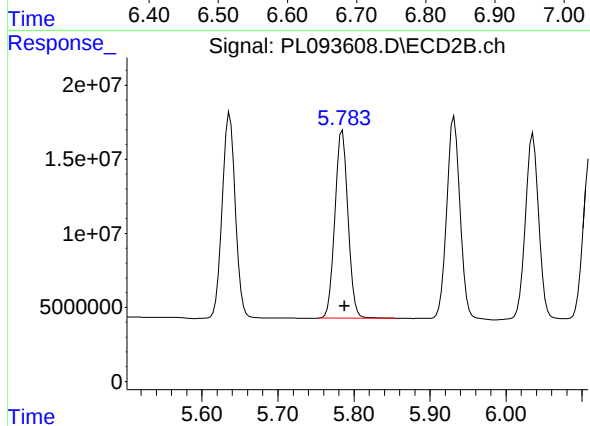
#15 Endosulfan II

R.T.: 5.932 min  
Delta R.T.: -0.002 min  
Response: 165933469  
Conc: 51.07 ng/ml



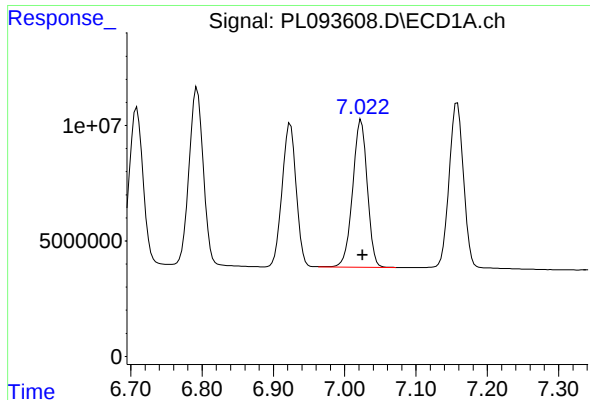
#16 4,4'-DDD

R.T.: 6.709 min  
Delta R.T.: -0.002 min  
Response: 93111312  
Conc: 53.03 ng/ml



#16 4,4'-DDD

R.T.: 5.785 min  
Delta R.T.: -0.003 min  
Response: 150731219  
Conc: 53.26 ng/ml



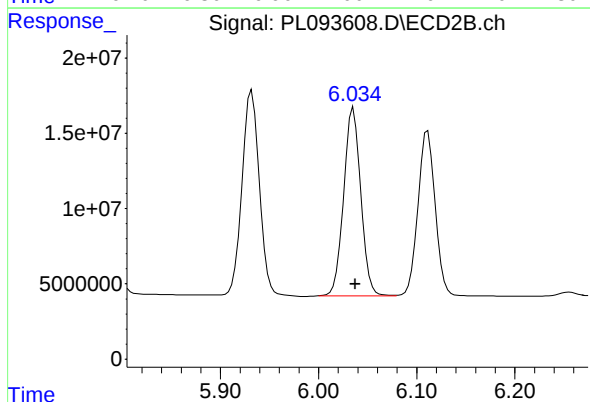
#17 4,4'-DDT

R.T.: 7.023 min  
Delta R.T.: -0.002 min  
Response: 91296199  
Conc: 49.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

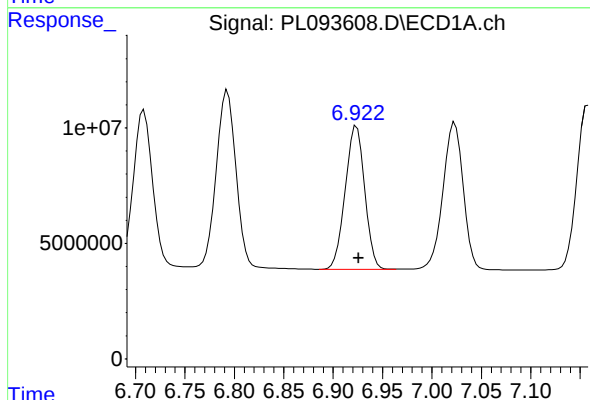
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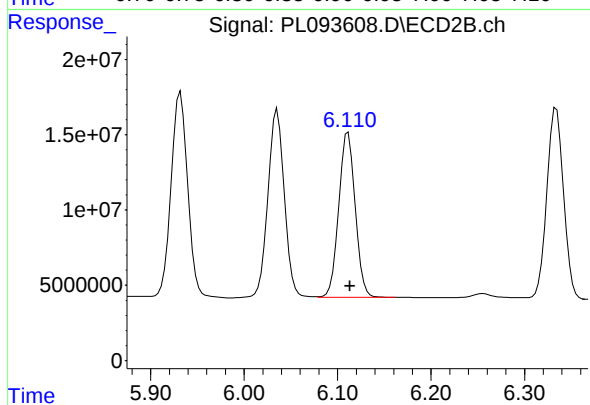
#17 4,4'-DDT

R.T.: 6.036 min  
Delta R.T.: -0.002 min  
Response: 151399418  
Conc: 50.13 ng/ml



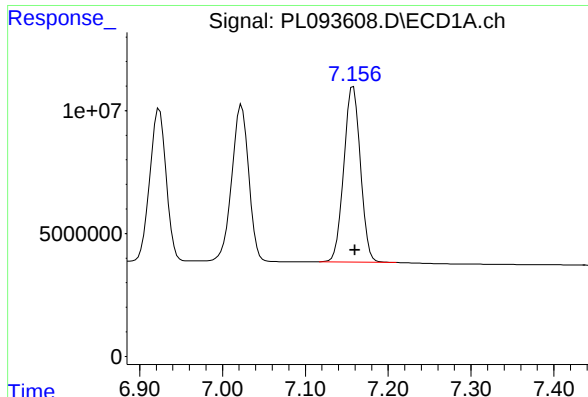
#18 Endrin aldehyde

R.T.: 6.924 min  
Delta R.T.: -0.002 min  
Response: 85313832  
Conc: 48.08 ng/ml



#18 Endrin aldehyde

R.T.: 6.111 min  
Delta R.T.: -0.002 min  
Response: 133888324  
Conc: 49.72 ng/ml



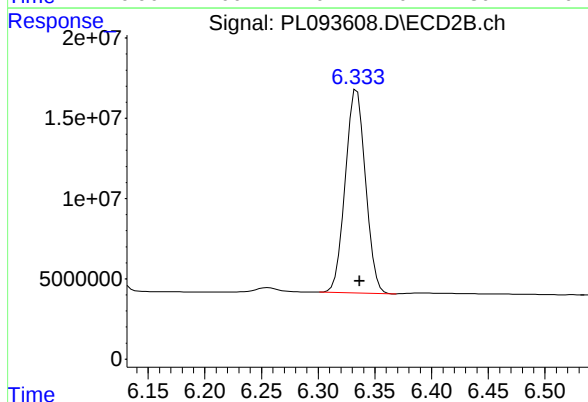
#19 Endosulfan Sulfate

R.T.: 7.158 min  
Delta R.T.: -0.002 min  
Response: 99619663  
Conc: 49.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

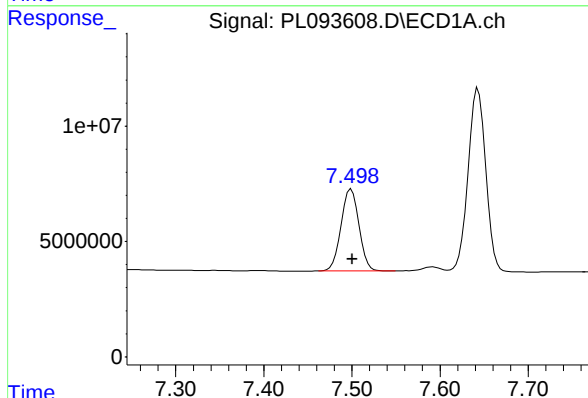
Manual Integrations  
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Reviewed By :Abdul Mirza 01/09/2025  
Supervised By :Ankita Jodhani 01/09/2025



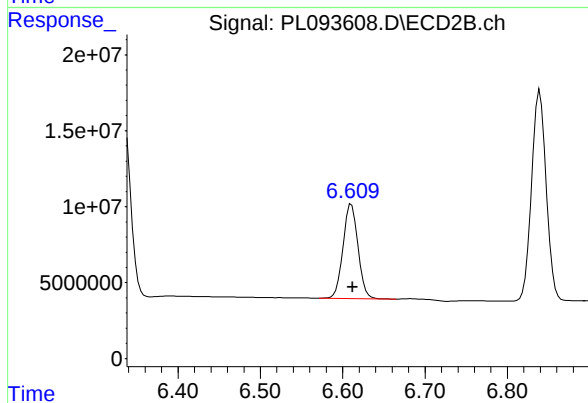
#19 Endosulfan Sulfate

R.T.: 6.334 min  
Delta R.T.: -0.003 min  
Response: 156894265  
Conc: 49.74 ng/ml



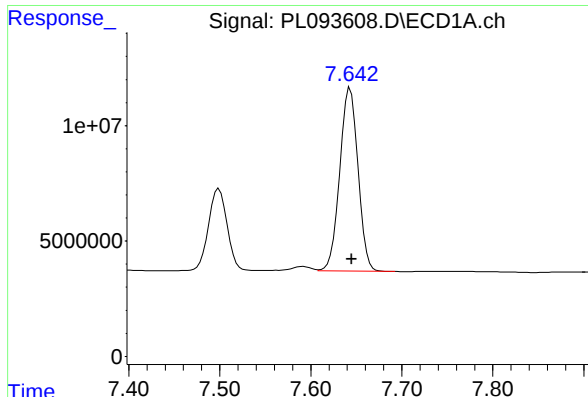
#20 Methoxychlor

R.T.: 7.499 min  
Delta R.T.: -0.001 min  
Response: 50140220  
Conc: 50.16 ng/ml



#20 Methoxychlor

R.T.: 6.611 min  
Delta R.T.: -0.002 min  
Response: 78279384  
Conc: 48.63 ng/ml



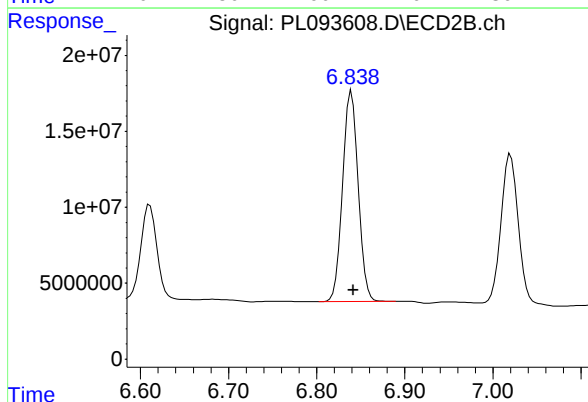
#21 Endrin ketone

R.T.: 7.643 min  
Delta R.T.: -0.002 min  
Response: 110803100  
Conc: 49.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

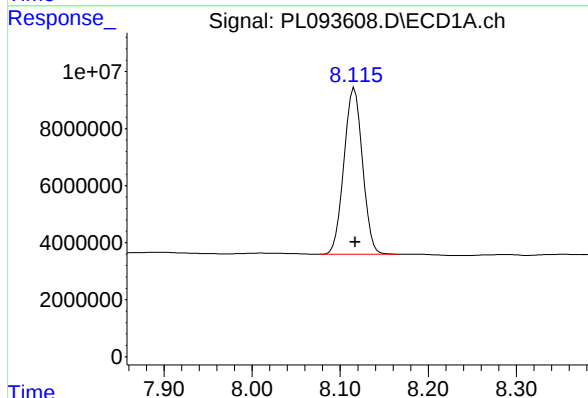
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 01/09/2025  
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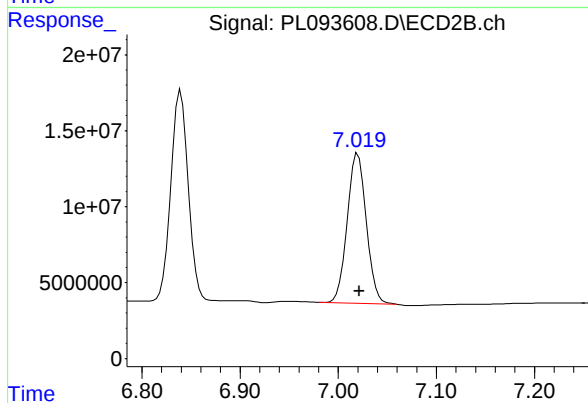
#21 Endrin ketone

R.T.: 6.839 min  
Delta R.T.: -0.002 min  
Response: 170795707  
Conc: 46.92 ng/ml



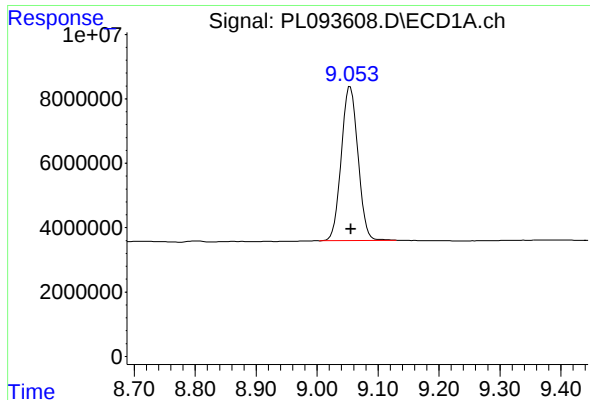
#22 Mirex

R.T.: 8.116 min  
Delta R.T.: -0.001 min  
Response: 85520390  
Conc: 45.76 ng/ml



#22 Mirex

R.T.: 7.020 min  
Delta R.T.: -0.002 min  
Response: 133402301  
Conc: 43.65 ng/ml



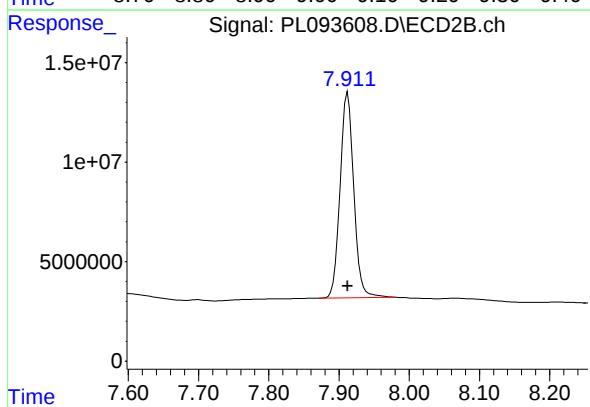
#28 Decachlorobiphenyl

R.T.: 9.054 min  
Delta R.T.: -0.001 min  
Response: 91207072  
Conc: 49.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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Supervised By :Ankita Jodhani 01/09/2025



#28 Decachlorobiphenyl

R.T.: 7.912 min  
Delta R.T.: 0.000 min  
Response: 139728380  
Conc: 46.80 ng/ml