

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL013125\  
 Data File : PL093930.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Jan 2025 11:17  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 02/03/2025  
 Supervised By :Ankita Jodhani 02/03/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 01 00:23:38 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012125.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 21 14:58:05 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... | 3.538 | 2.774 | 127.4E6  | 155.3E6  | 47.327  | 47.575 |
| 28)                         | SA Decachlor... | 9.055 | 7.910 | 94144637 | 166.0E6  | 45.004  | 47.385 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.993 | 3.276 | 183.7E6  | 234.9E6  | 47.926  | 48.046 |
| 3)                          | MA gamma-BHC... | 4.326 | 3.606 | 174.0E6  | 217.8E6  | 47.236  | 45.944 |
| 4)                          | MA Heptachlor   | 4.914 | 3.945 | 160.9E6  | 225.2E6  | 49.109  | 48.385 |
| 5)                          | MB Aldrin       | 5.256 | 4.224 | 149.3E6  | 209.9E6  | 45.636  | 46.013 |
| 6)                          | B beta-BHC      | 4.525 | 3.906 | 77014994 | 95671218 | 47.915  | 47.897 |
| 7)                          | B delta-BHC     | 4.772 | 4.135 | 157.0E6  | 219.4E6  | 44.786  | 46.173 |
| 8)                          | B Heptachlo...  | 5.683 | 4.727 | 133.4E6  | 193.1E6  | 44.870  | 46.194 |
| 9)                          | A Endosulfan I  | 6.068 | 5.096 | 119.9E6  | 170.7E6  | 45.357  | 44.018 |
| 10)                         | B gamma-Chl...  | 5.939 | 4.977 | 129.1E6  | 206.5E6  | 46.299  | 48.732 |
| 11)                         | B alpha-Chl...  | 6.018 | 5.040 | 129.1E6  | 200.0E6  | 46.293  | 47.776 |
| 12)                         | B 4,4'-DDE      | 6.192 | 5.229 | 122.5E6  | 205.4E6  | 50.304  | 51.231 |
| 13)                         | MA Dieldrin     | 6.344 | 5.361 | 126.4E6  | 202.9E6  | 45.545  | 47.243 |
| 14)                         | MA Endrin       | 6.572 | 5.636 | 109.9E6  | 189.6E6  | 46.848m | 51.340 |
| 15)                         | B Endosulfa...  | 6.793 | 5.931 | 110.6E6  | 177.7E6  | 45.886  | 47.978 |
| 16)                         | A 4,4'-DDD      | 6.709 | 5.784 | 96757725 | 162.1E6  | 50.910  | 51.357 |
| 17)                         | MA 4,4'-DDT     | 7.023 | 6.034 | 103.9E6  | 175.6E6  | 52.706  | 53.968 |
| 18)                         | B Endrin al...  | 6.923 | 6.110 | 85137438 | 135.9E6  | 43.794  | 44.644 |
| 19)                         | B Endosulfa...  | 7.158 | 6.333 | 100.5E6  | 168.1E6  | 44.416  | 47.138 |
| 20)                         | A Methoxychlor  | 7.500 | 6.610 | 53646135 | 93951668 | 51.415  | 52.542 |
| 21)                         | B Endrin ke...  | 7.644 | 6.839 | 111.1E6  | 191.6E6  | 44.056  | 45.678 |
| 22)                         | Mirex           | 8.116 | 7.019 | 86631474 | 145.6E6  | 41.600  | 43.065 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL013125\  
Data File : PL093930.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Jan 2025 11:17  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

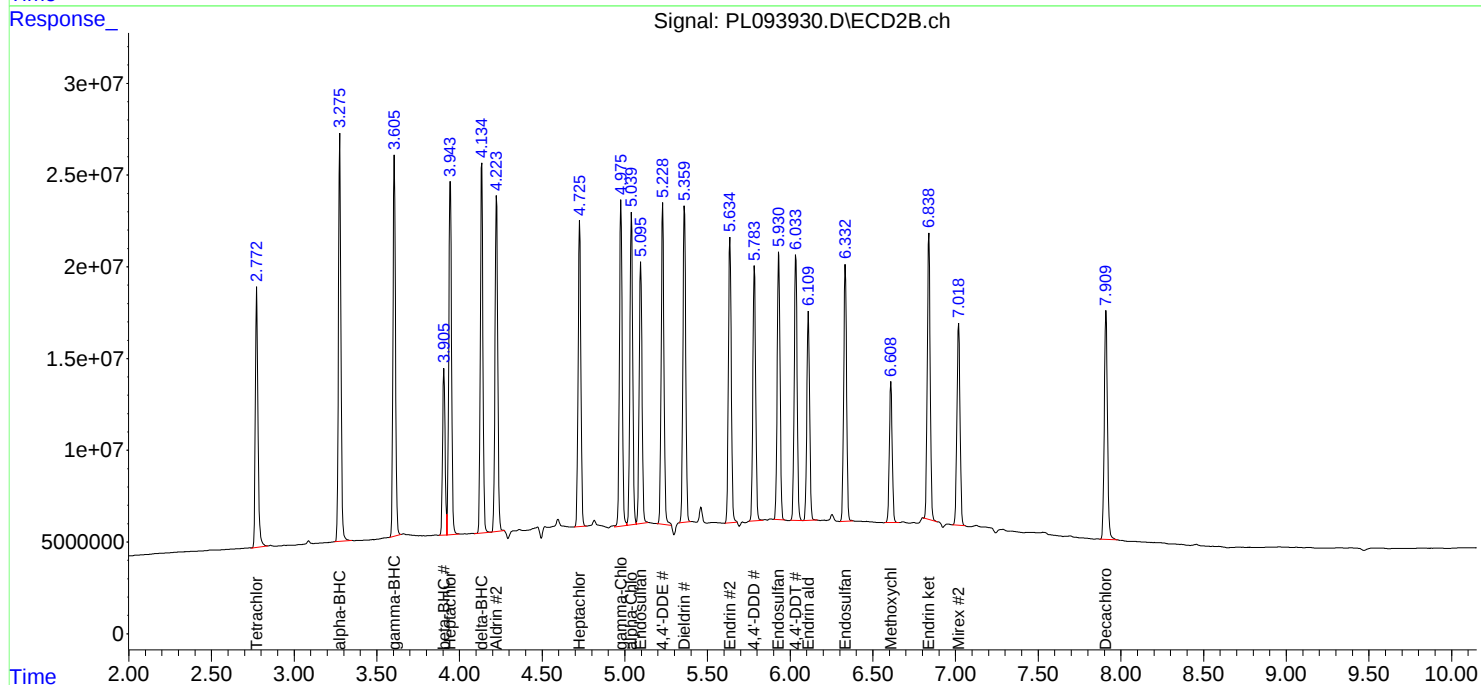
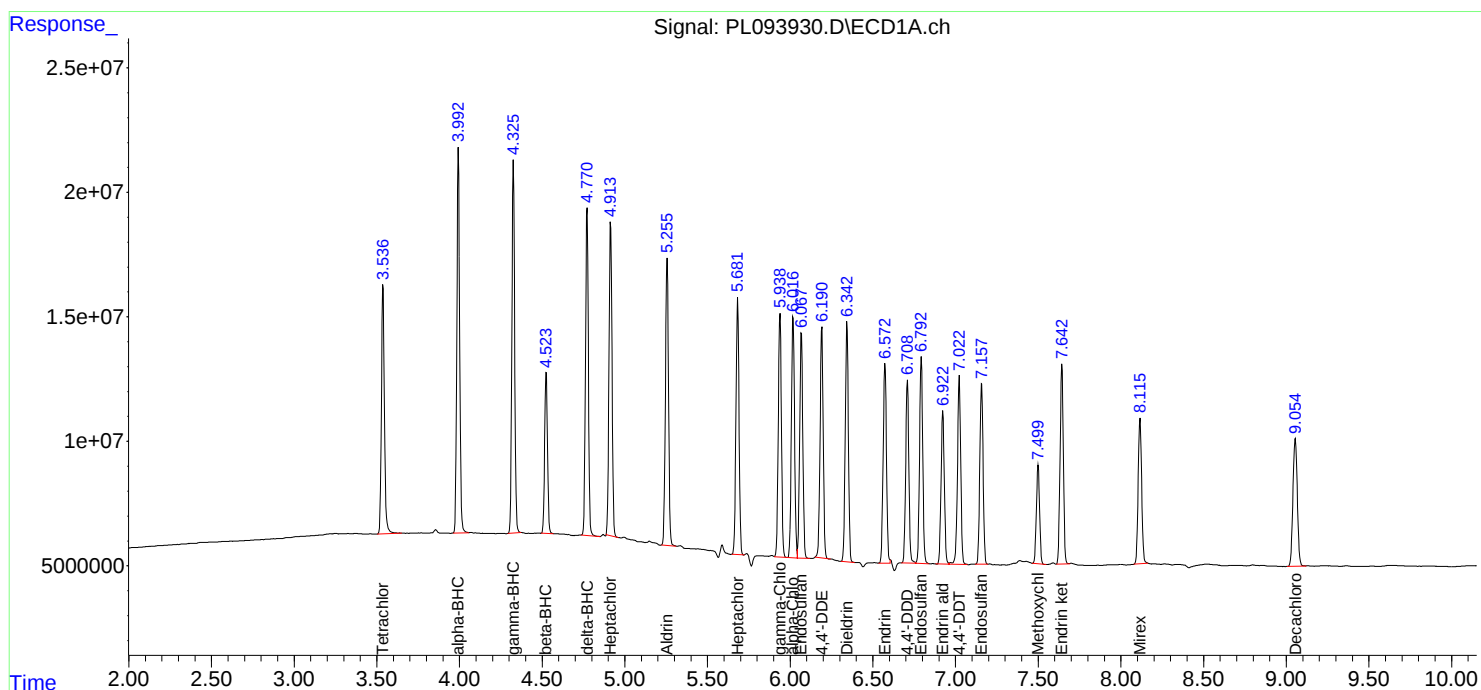
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

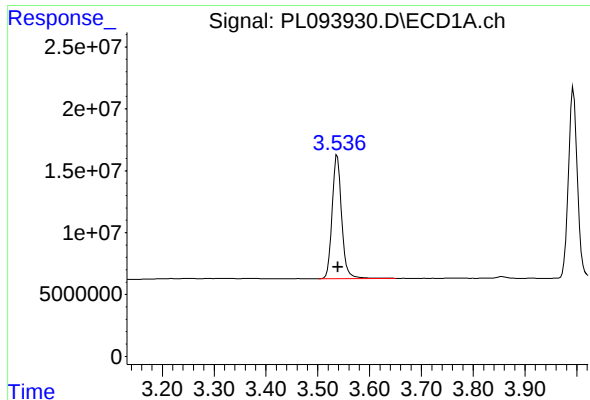
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 01 00:23:38 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012125.M  
Quant Title : GC Extractables  
QLast Update : Tue Jan 21 14:58:05 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.: 3.538 min  
Delta R.T.: -0.001 min  
Response: 127440428  
Conc: 47.33 ng/ml

Instrument :

ECD\_L

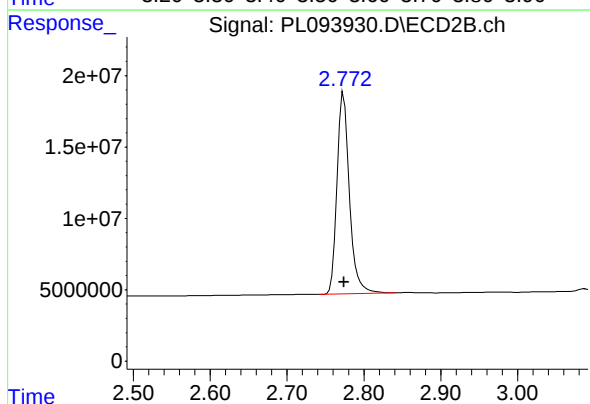
ClientSampleId :

PSTDCCC050

Manual Integrations

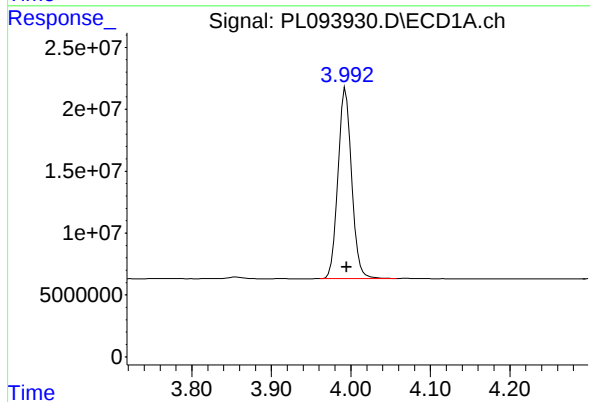
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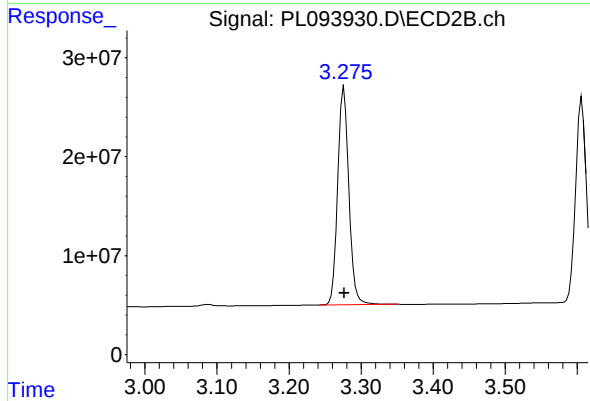
#1 Tetrachloro-m-xylene

R.T.: 2.774 min  
Delta R.T.: 0.000 min  
Response: 155293788  
Conc: 47.58 ng/ml



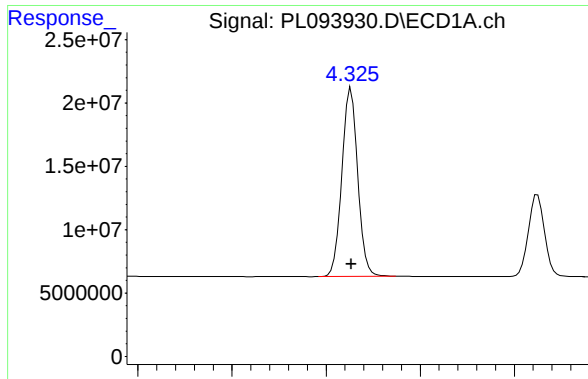
#2 alpha-BHC

R.T.: 3.993 min  
Delta R.T.: -0.001 min  
Response: 183740365  
Conc: 47.93 ng/ml



#2 alpha-BHC

R.T.: 3.276 min  
Delta R.T.: 0.000 min  
Response: 234896985  
Conc: 48.05 ng/ml



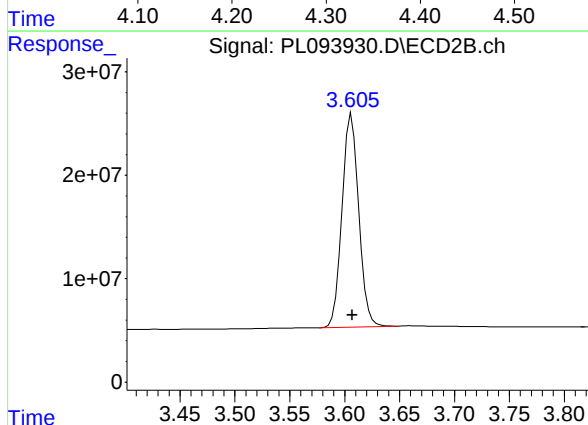
#3 gamma-BHC (Lindane)

R.T.: 4.326 min  
Delta R.T.: 0.000 min  
Response: 173961937  
Conc: 47.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
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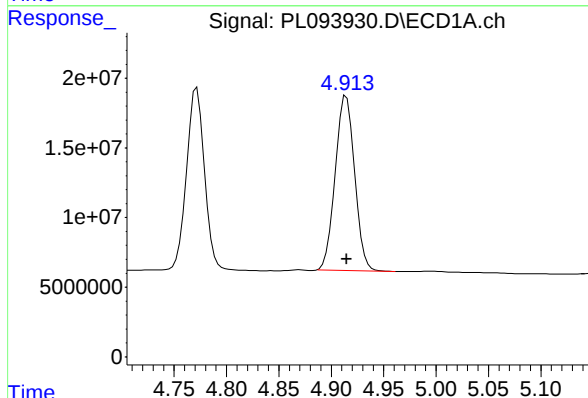
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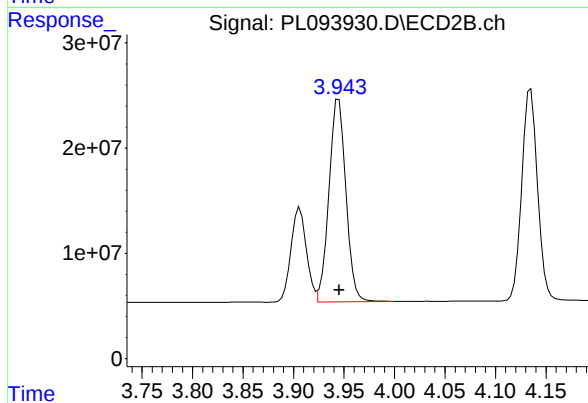
#3 gamma-BHC (Lindane)

R.T.: 3.606 min  
Delta R.T.: 0.000 min  
Response: 217830151  
Conc: 45.94 ng/ml



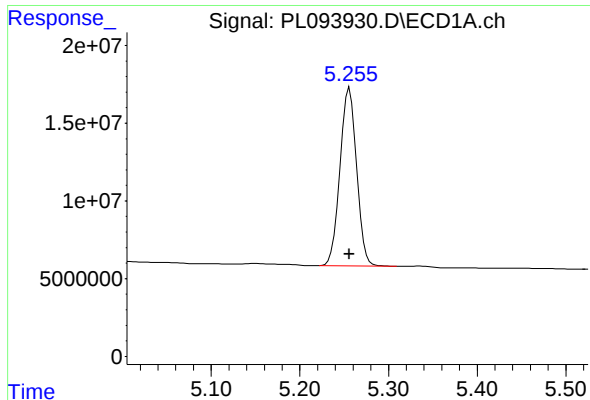
#4 Heptachlor

R.T.: 4.914 min  
Delta R.T.: 0.000 min  
Response: 160948171  
Conc: 49.11 ng/ml



#4 Heptachlor

R.T.: 3.945 min  
Delta R.T.: 0.000 min  
Response: 225221625  
Conc: 48.38 ng/ml



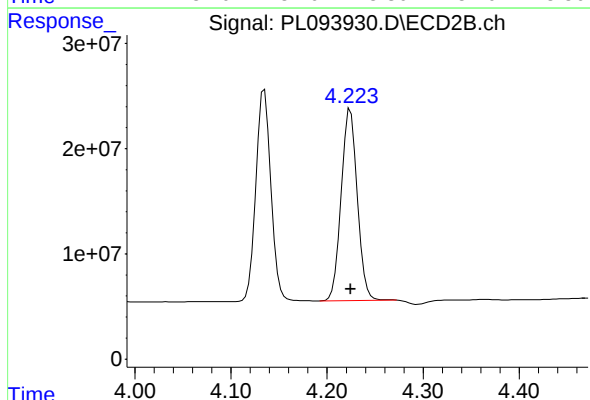
#5 Aldrin

R.T.: 5.256 min  
Delta R.T.: 0.000 min  
Response: 149319432  
Conc: 45.64 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

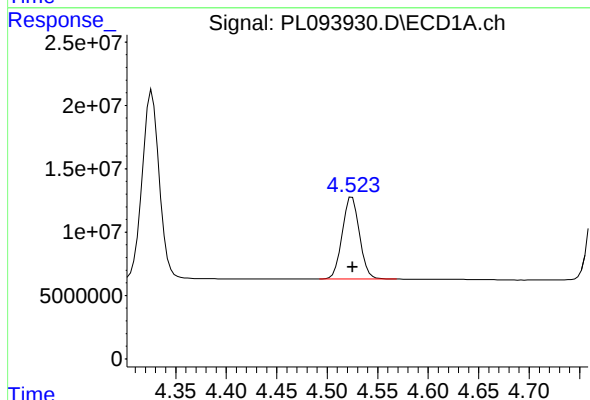
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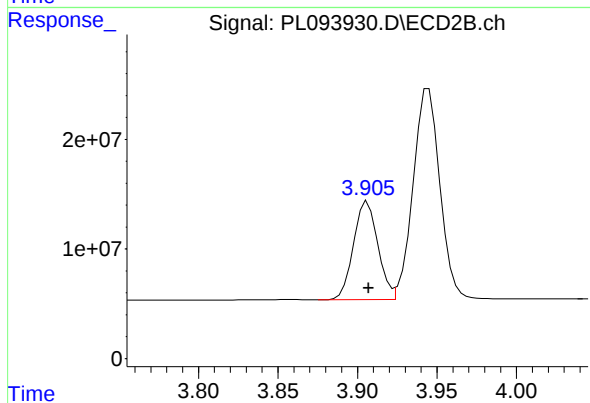
#5 Aldrin

R.T.: 4.224 min  
Delta R.T.: 0.000 min  
Response: 209902281  
Conc: 46.01 ng/ml



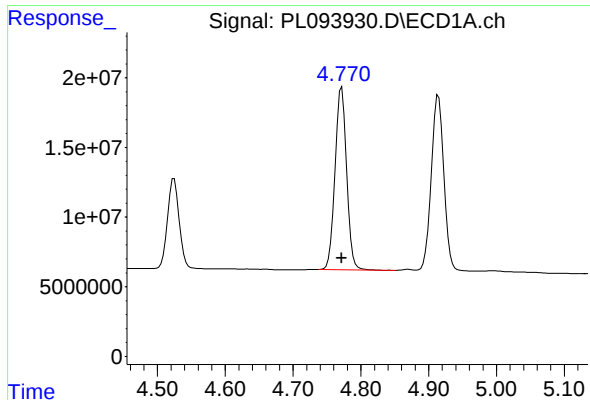
#6 beta-BHC

R.T.: 4.525 min  
Delta R.T.: 0.000 min  
Response: 77014994  
Conc: 47.92 ng/ml



#6 beta-BHC

R.T.: 3.906 min  
Delta R.T.: 0.000 min  
Response: 95671218  
Conc: 47.90 ng/ml



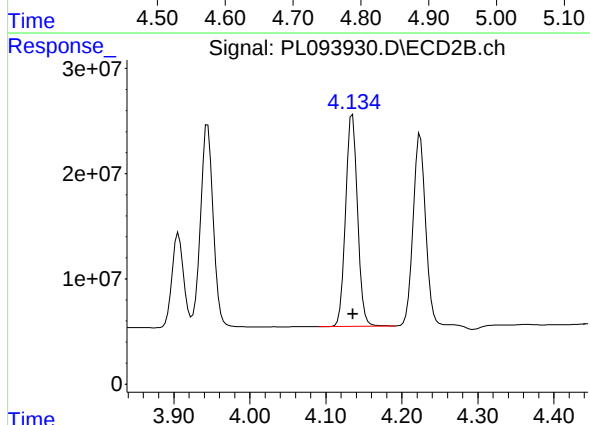
#7 delta-BHC

R.T.: 4.772 min  
Delta R.T.: 0.000 min  
Response: 156988220  
Conc: 44.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

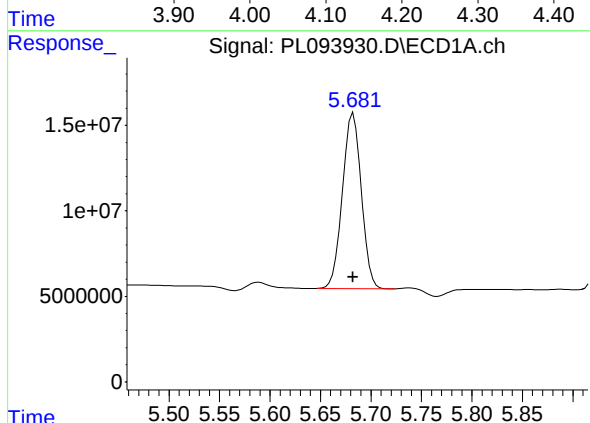
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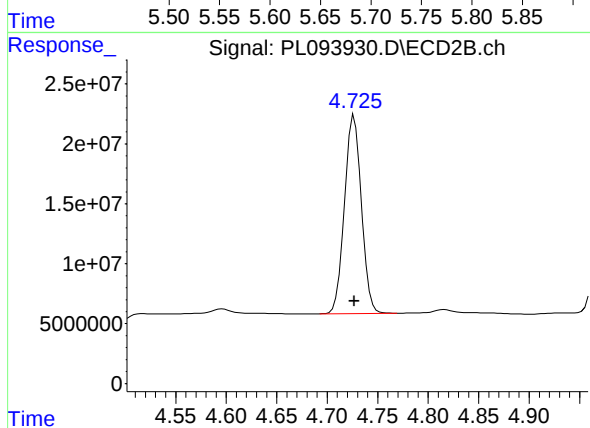
#7 delta-BHC

R.T.: 4.135 min  
Delta R.T.: 0.000 min  
Response: 219380269  
Conc: 46.17 ng/ml



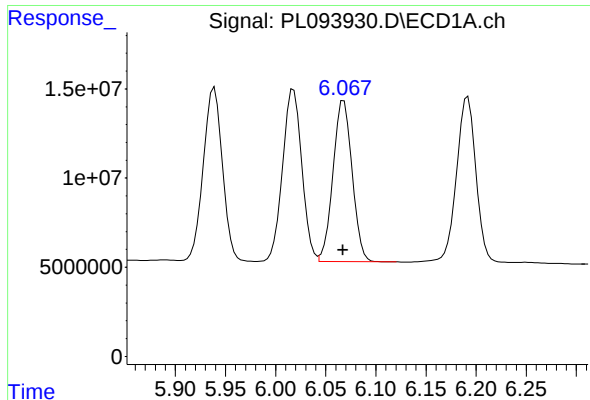
#8 Heptachlor epoxide

R.T.: 5.683 min  
Delta R.T.: 0.000 min  
Response: 133436773  
Conc: 44.87 ng/ml



#8 Heptachlor epoxide

R.T.: 4.727 min  
Delta R.T.: 0.000 min  
Response: 193104475  
Conc: 46.19 ng/ml



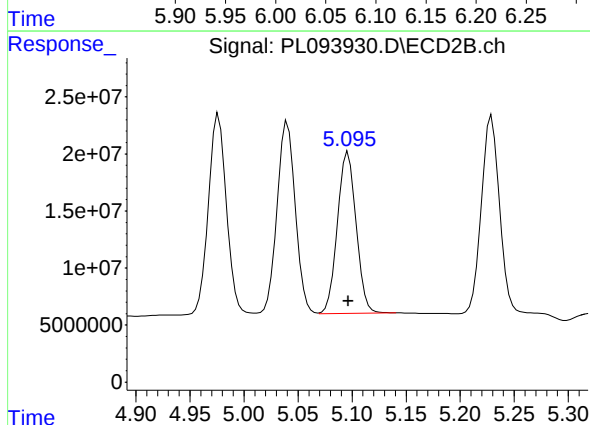
#9 Endosulfan I

R.T.: 6.068 min  
Delta R.T.: 0.000 min  
Response: 119873285  
Conc: 45.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

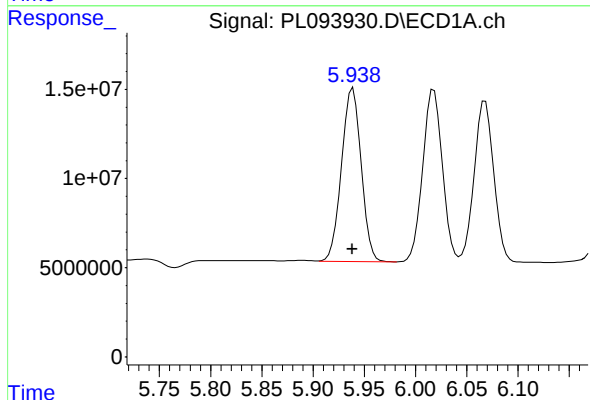
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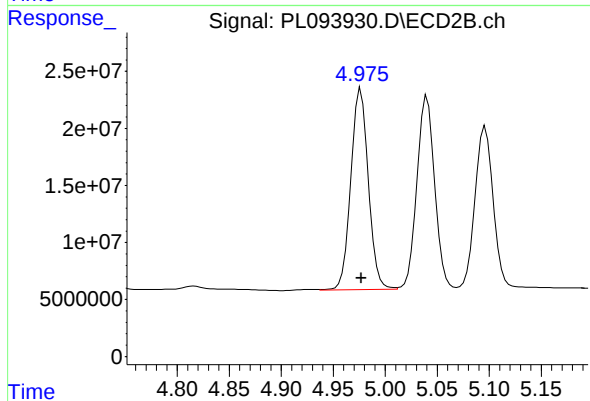
#9 Endosulfan I

R.T.: 5.096 min  
Delta R.T.: 0.000 min  
Response: 170652524  
Conc: 44.02 ng/ml



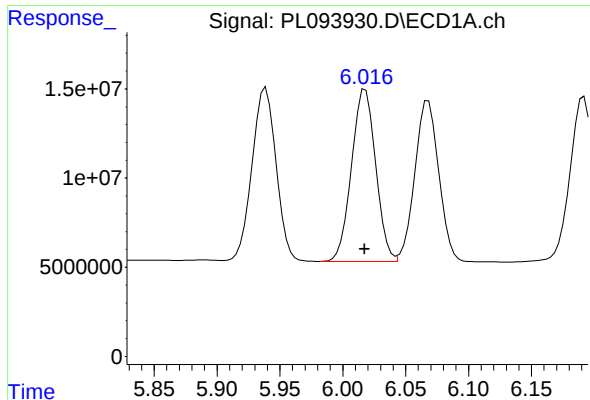
#10 gamma-Chlordane

R.T.: 5.939 min  
Delta R.T.: 0.000 min  
Response: 129053291  
Conc: 46.30 ng/ml



#10 gamma-Chlordane

R.T.: 4.977 min  
Delta R.T.: 0.000 min  
Response: 206509157  
Conc: 48.73 ng/ml



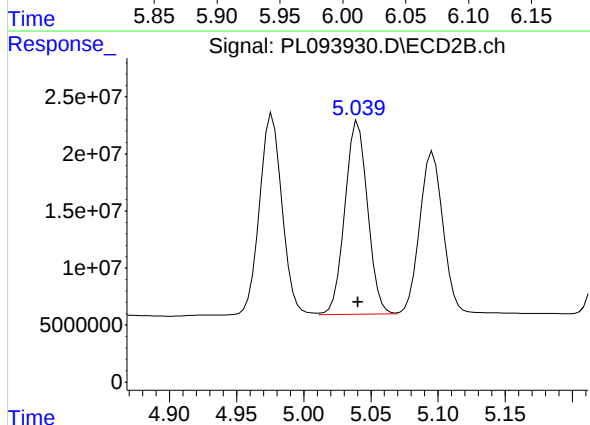
#11 alpha-Chlordane

R.T.: 6.018 min  
Delta R.T.: 0.000 min  
Response: 129083034  
Conc: 46.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

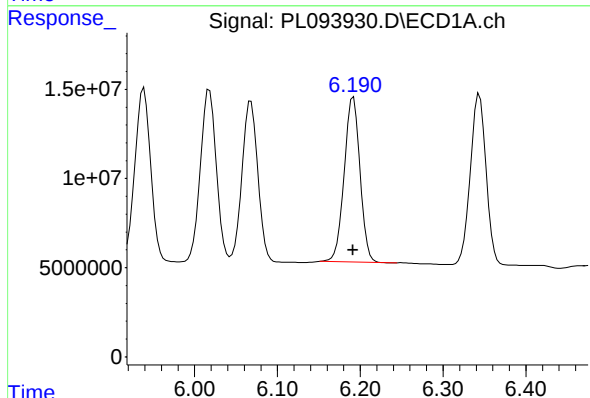
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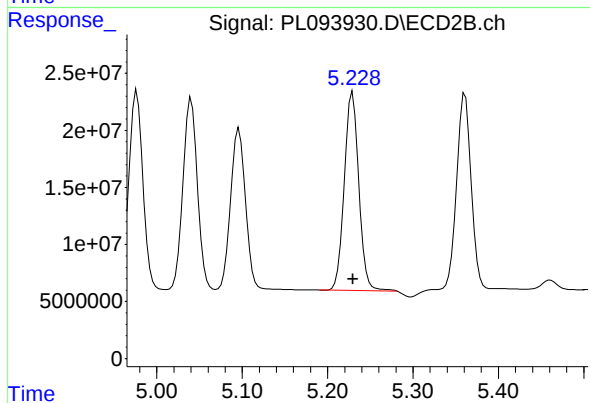
#11 alpha-Chlordane

R.T.: 5.040 min  
Delta R.T.: 0.000 min  
Response: 200018297  
Conc: 47.78 ng/ml



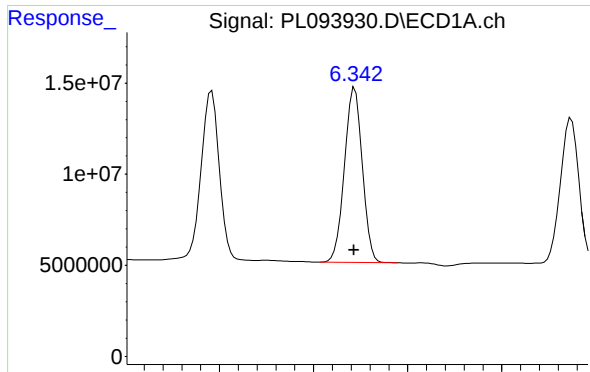
#12 4,4'-DDE

R.T.: 6.192 min  
Delta R.T.: 0.000 min  
Response: 122470412  
Conc: 50.30 ng/ml



#12 4,4'-DDE

R.T.: 5.229 min  
Delta R.T.: 0.000 min  
Response: 205409127  
Conc: 51.23 ng/ml



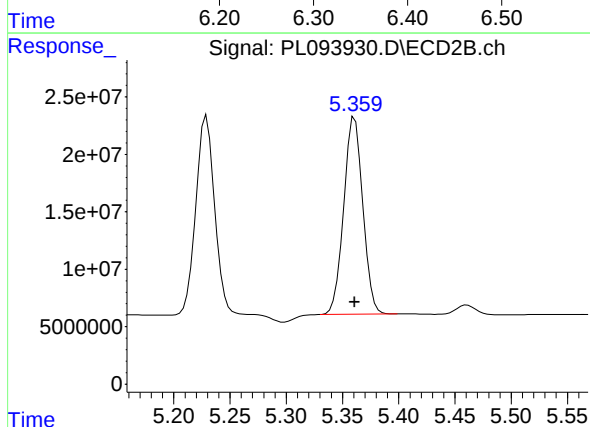
#13 Dieldrin

R.T.: 6.344 min  
Delta R.T.: 0.000 min  
Response: 126427219  
Conc: 45.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

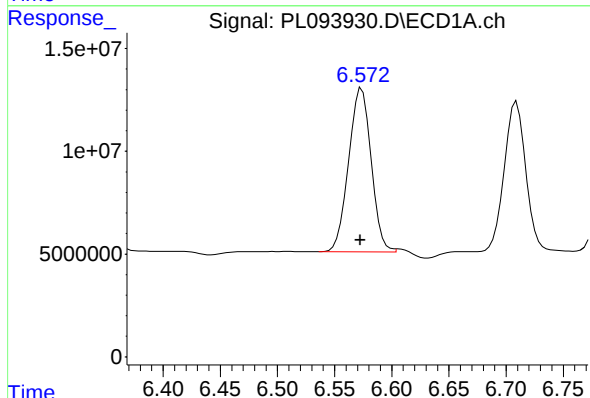
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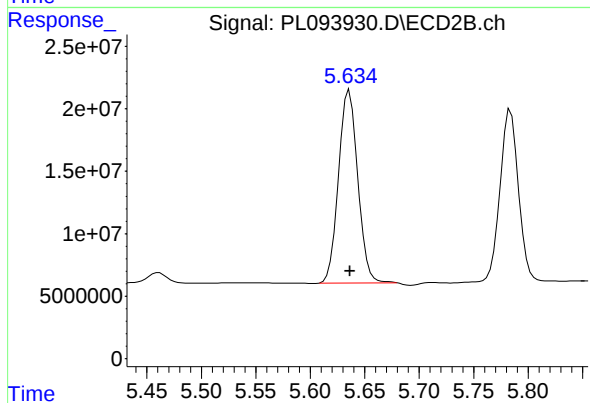
#13 Dieldrin

R.T.: 5.361 min  
Delta R.T.: 0.000 min  
Response: 202939963  
Conc: 47.24 ng/ml



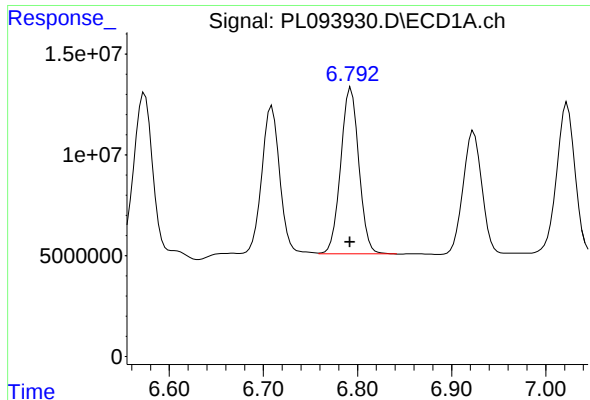
#14 Endrin

R.T.: 6.572 min  
Delta R.T.: 0.000 min  
Response: 109850042  
Conc: 46.85 ng/ml m



#14 Endrin

R.T.: 5.636 min  
Delta R.T.: 0.000 min  
Response: 189582652  
Conc: 51.34 ng/ml



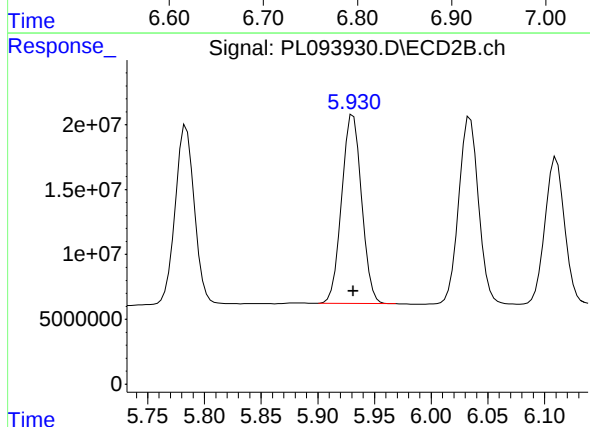
#15 Endosulfan II

R.T.: 6.793 min  
Delta R.T.: 0.001 min  
Response: 110556362  
Conc: 45.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

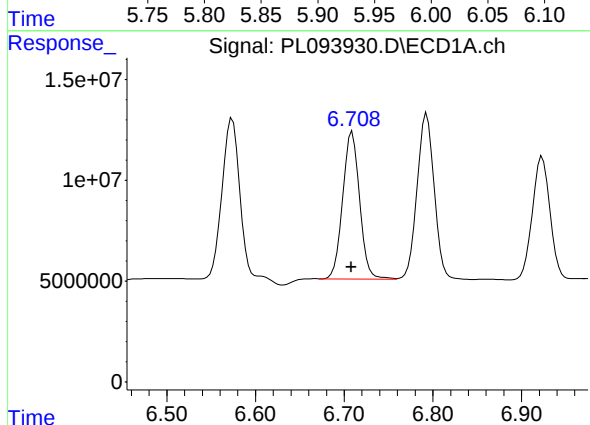
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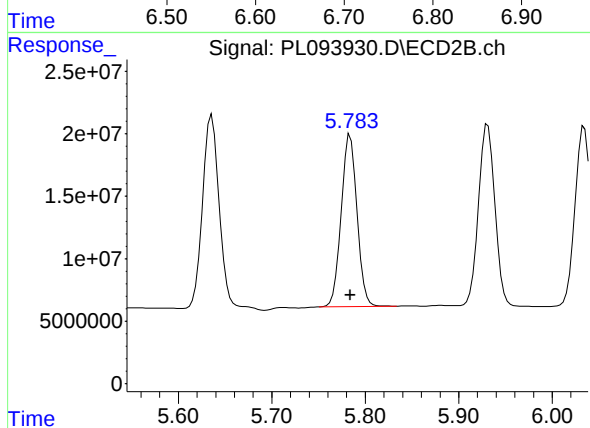
#15 Endosulfan II

R.T.: 5.931 min  
Delta R.T.: 0.000 min  
Response: 177701011  
Conc: 47.98 ng/ml



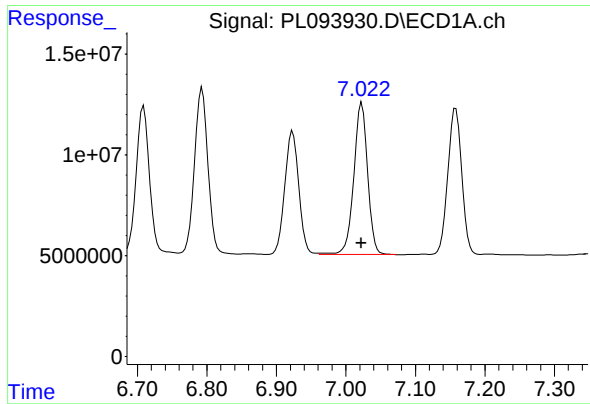
#16 4,4'-DDD

R.T.: 6.709 min  
Delta R.T.: 0.000 min  
Response: 96757725  
Conc: 50.91 ng/ml



#16 4,4'-DDD

R.T.: 5.784 min  
Delta R.T.: 0.000 min  
Response: 162110968  
Conc: 51.36 ng/ml



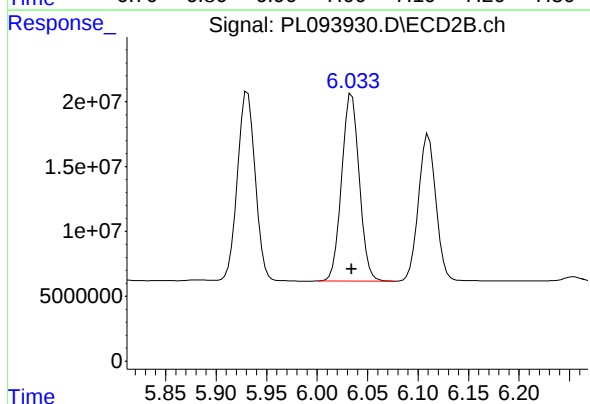
#17 4,4'-DDT

R.T.: 7.023 min  
Delta R.T.: 0.000 min  
Response: 103939183  
Conc: 52.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

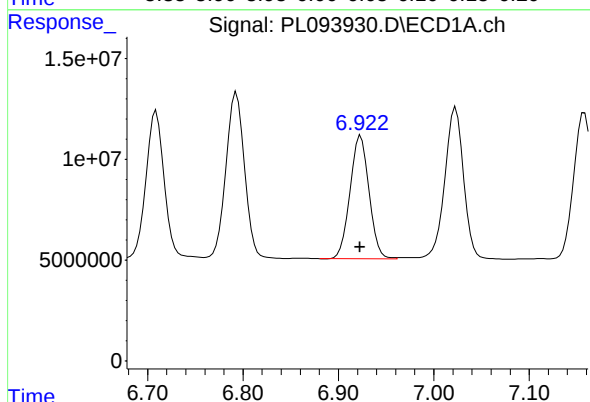
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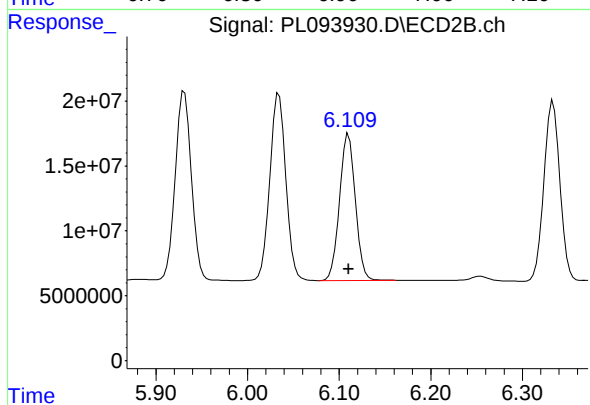
#17 4,4'-DDT

R.T.: 6.034 min  
Delta R.T.: 0.000 min  
Response: 175614385  
Conc: 53.97 ng/ml



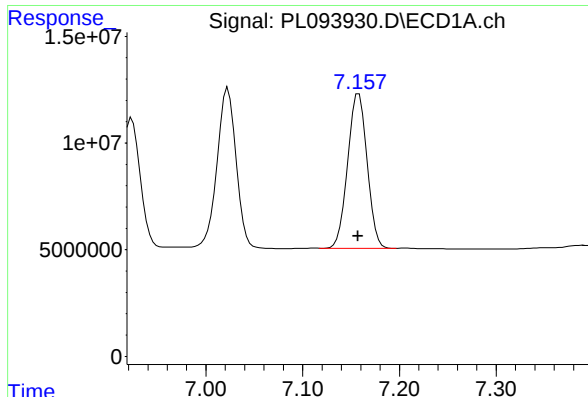
#18 Endrin aldehyde

R.T.: 6.923 min  
Delta R.T.: 0.000 min  
Response: 85137438  
Conc: 43.79 ng/ml



#18 Endrin aldehyde

R.T.: 6.110 min  
Delta R.T.: 0.000 min  
Response: 135925969  
Conc: 44.64 ng/ml



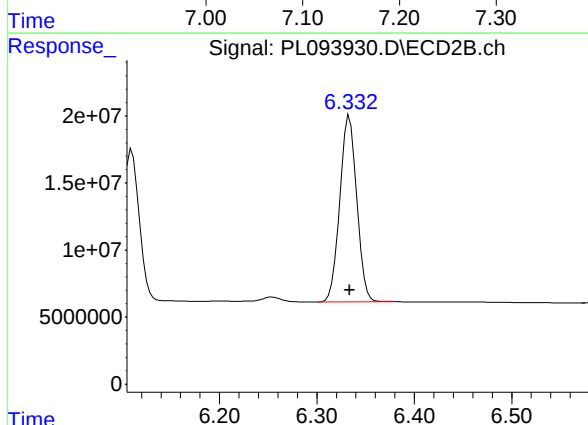
#19 Endosulfan Sulfate

R.T.: 7.158 min  
Delta R.T.: 0.000 min  
Response: 100546133  
Conc: 44.42 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

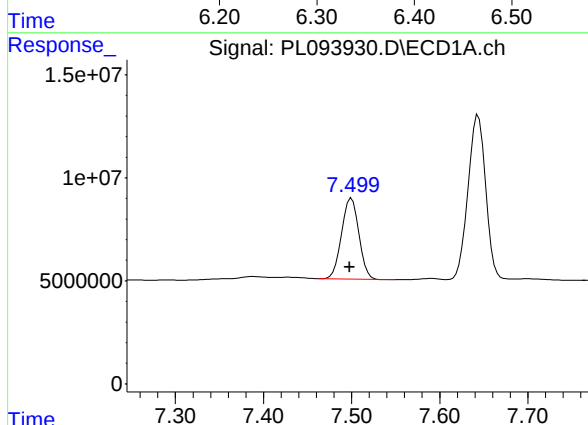
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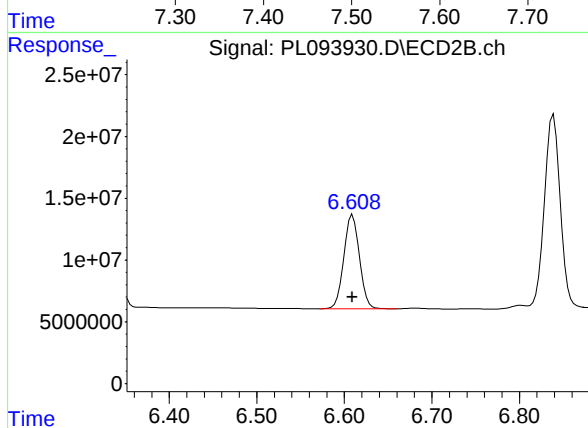
#19 Endosulfan Sulfate

R.T.: 6.333 min  
Delta R.T.: 0.000 min  
Response: 168097604  
Conc: 47.14 ng/ml



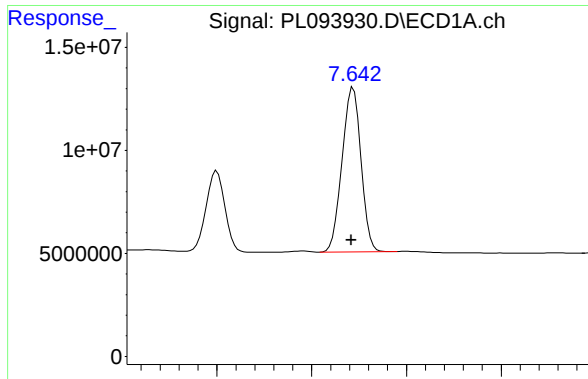
#20 Methoxychlor

R.T.: 7.500 min  
Delta R.T.: 0.002 min  
Response: 53646135  
Conc: 51.41 ng/ml



#20 Methoxychlor

R.T.: 6.610 min  
Delta R.T.: 0.000 min  
Response: 93951668  
Conc: 52.54 ng/ml



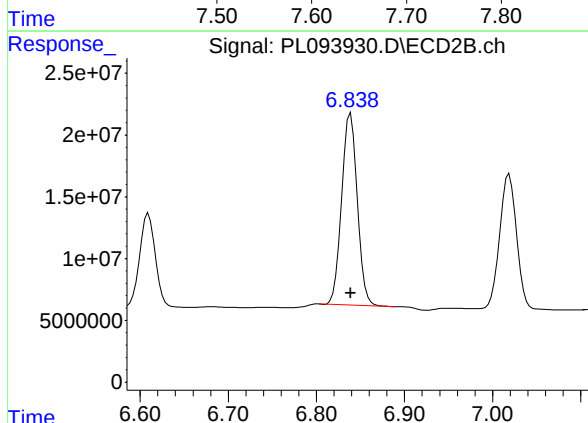
#21 Endrin ketone

R.T.: 7.644 min  
Delta R.T.: 0.002 min  
Response: 111136103  
Conc: 44.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

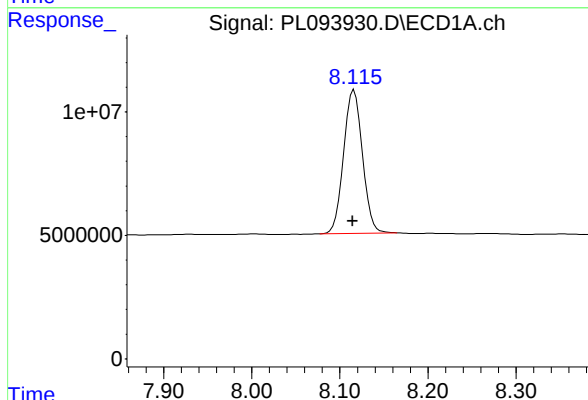
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/03/2025  
Supervised By :Ankita Jodhani 02/03/2025



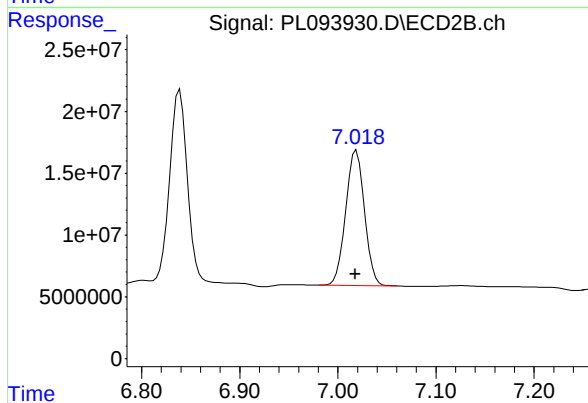
#21 Endrin ketone

R.T.: 6.839 min  
Delta R.T.: 0.000 min  
Response: 191629552  
Conc: 45.68 ng/ml



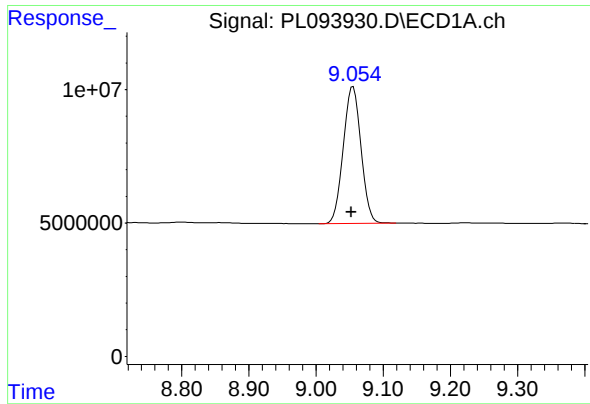
#22 Mirex

R.T.: 8.116 min  
Delta R.T.: 0.001 min  
Response: 86631474  
Conc: 41.60 ng/ml



#22 Mirex

R.T.: 7.019 min  
Delta R.T.: 0.001 min  
Response: 145642498  
Conc: 43.07 ng/ml



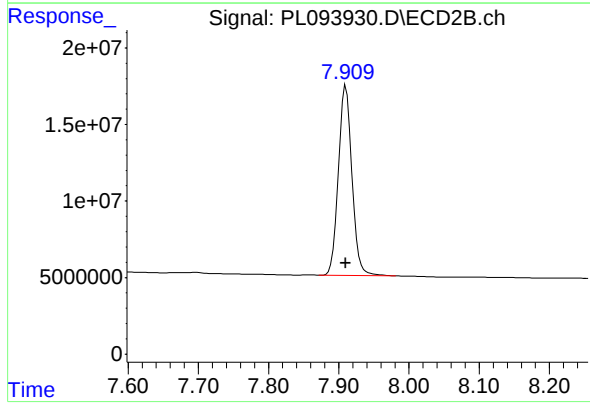
#28 Decachlorobiphenyl

R.T.: 9.055 min  
Delta R.T.: 0.002 min  
Response: 94144637  
Conc: 45.00 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/03/2025  
Supervised By :Ankita Jodhani 02/03/2025



#28 Decachlorobiphenyl

R.T.: 7.910 min  
Delta R.T.: 0.000 min  
Response: 166040514  
Conc: 47.39 ng/ml