

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060324\  
 Data File : PL089915.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Jun 2024 15:57  
 Operator : AR\AJ  
 Sample : P2683-02MSD  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 WC-4MSD

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 06/05/2024  
 Supervised By :Ankita Jodhani 06/05/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 03 23:35:54 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052424.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 24 14:57:01 2024  
 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... | 3.548 | 2.793 | 32603120 | 23112497 | 15.572   | 16.119    |
| 28)                         | SA Decachlor... | 9.056 | 7.939 | 18355951 | 19258444 | 12.484   | 12.960    |
| Target Compounds            |                 |       |       |          |          |          |           |
| 2)                          | A alpha-BHC     | 4.003 | 3.297 | 123.6E6  | 96998148 | 41.445   | 45.377    |
| 3)                          | MA gamma-BHC... | 4.334 | 3.626 | 118.3E6  | 97422261 | 40.691m  | 46.579m   |
| 4)                          | MA Heptachlor   | 4.925 | 3.969 | 103.9E6  | 92813137 | 39.784   | 46.505    |
| 5)                          | MB Aldrin       | 5.261 | 4.253 | 282.7E6  | 145.0E6  | 106.363m | 72.561 #  |
| 6)                          | B beta-BHC      | 4.531 | 3.929 | 49163522 | 80214263 | 37.639   | 87.684 #  |
| 7)                          | B delta-BHC     | 4.777 | 4.162 | 125.0E6  | 326.0E6  | 45.366m  | 161.754 # |
| 8)                          | B Heptachlo...  | 5.692 | 4.751 | 97281677 | 434.1E6  | 39.057   | 236.525 # |
| 9)                          | A Endosulfan I  | 6.074 | 5.123 | 118.0E6  | 63772436 | 52.246m  | 37.329 #  |
| 10)                         | B gamma-Chl...  | 5.946 | 4.995 | 106.0E6  | 69787437 | 43.829m  | 37.443m   |
| 11)                         | B alpha-Chl...  | 6.027 | 5.064 | 110.0E6  | 130.7E6  | 45.777   | 69.662 #  |
| 12)                         | B 4,4'-DDE      | 6.199 | 5.254 | 161.8E6  | 172.9E6  | 74.383   | 103.500m# |
| 13)                         | MA Dieldrin     | 6.352 | 5.387 | 116.9E6  | 90135660 | 49.305   | 48.917    |
| 14)                         | MA Endrin       | 6.582 | 5.663 | 77212227 | 78903954 | 38.405   | 48.172 #  |
| 15)                         | B Endosulfa...  | 6.800 | 5.955 | 81782600 | 75231436 | 39.230   | 46.714    |
| 16)                         | A 4,4'-DDD      | 6.715 | 5.809 | 86960657 | 62930993 | 49.646   | 44.645    |
| 17)                         | MA 4,4'-DDT     | 7.029 | 6.059 | 139.6E6  | 135.9E6  | 75.829   | 89.499m   |
| 18)                         | B Endrin al...  | 6.930 | 6.135 | 63075349 | 56300267 | 40.692   | 46.393    |
| 19)                         | B Endosulfa...  | 7.162 | 6.358 | 85546795 | 46302346 | 44.700m  | 29.442m#  |
| 20)                         | A Methoxychlor  | 7.504 | 6.636 | 36776560 | 33979353 | 37.444   | 38.197    |
| 21)                         | B Endrin ke...  | 7.648 | 6.864 | 87413792 | 69923076 | 41.513   | 38.370    |
| 22)                         | Mirex           | 8.123 | 7.046 | 75497252 | 55772541 | 45.382   | 36.316    |
| -----                       |                 |       |       |          |          |          |           |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060324\  
Data File : PL089915.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 03 Jun 2024 15:57  
Operator : AR\AJ  
Sample : P2683-02MSD  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

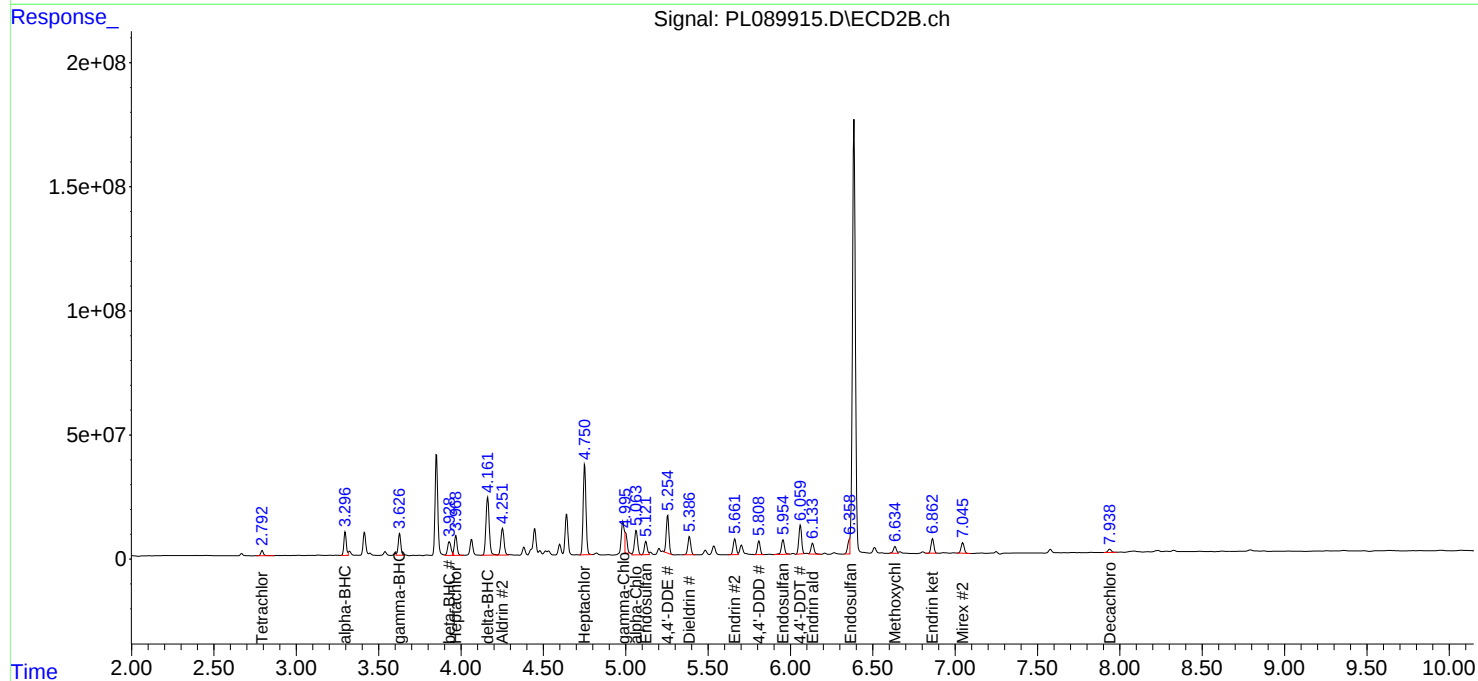
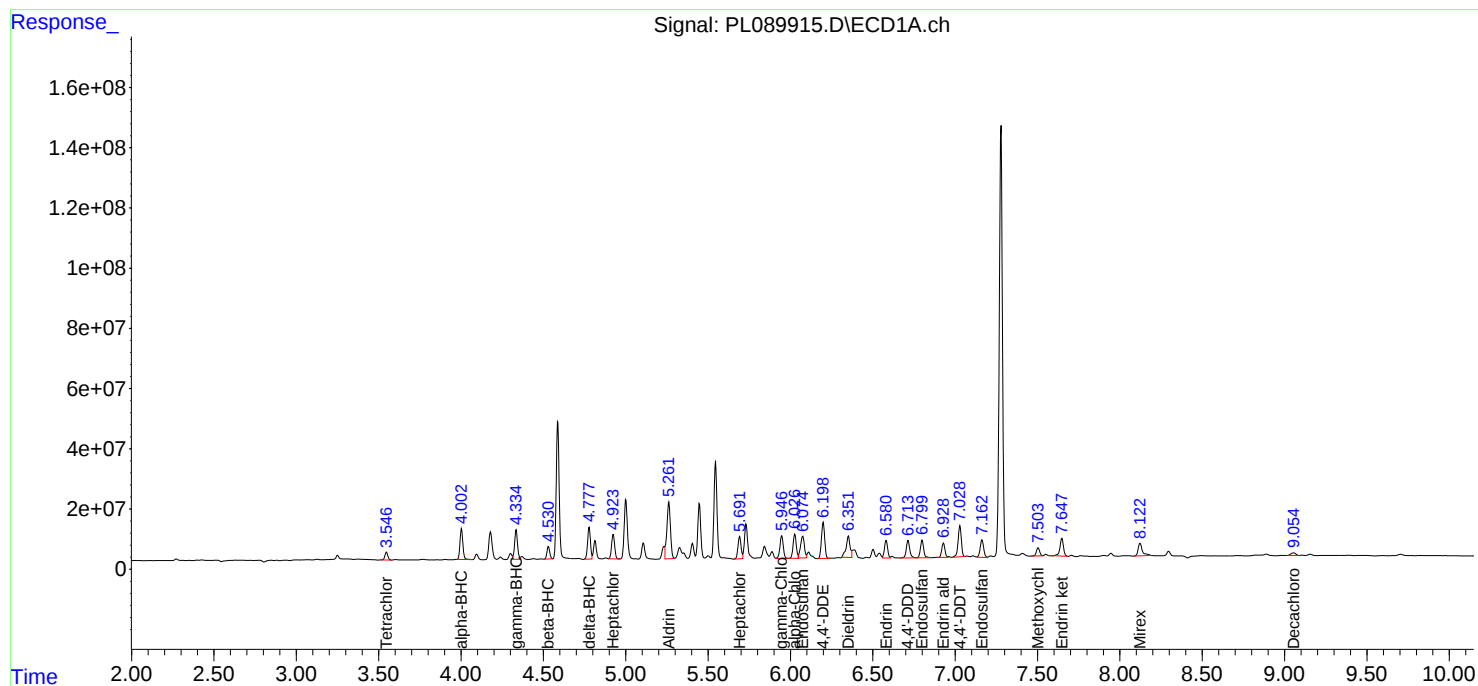
Instrument :  
ECD\_L  
ClientSampleId :  
WC-4MSD

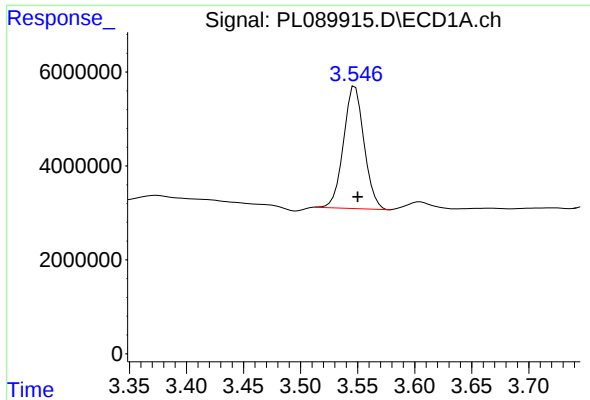
Manual Integrations  
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Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 03 23:35:54 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052424.M  
Quant Title : GC Extractables  
QLast Update : Fri May 24 14:57:01 2024  
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





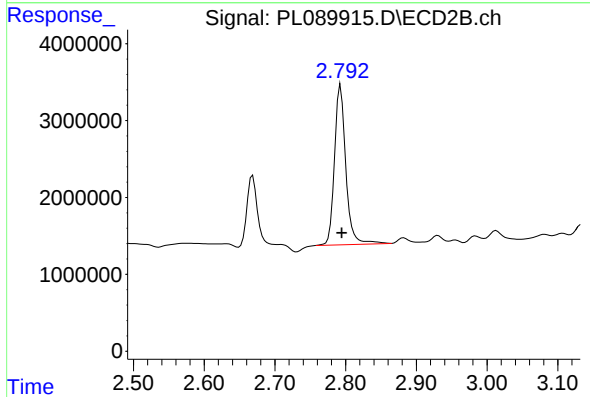
#1 Tetrachloro-m-xylene

R.T.: 3.548 min  
Delta R.T.: -0.002 min  
Response: 32603120  
Conc: 15.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-4MSD

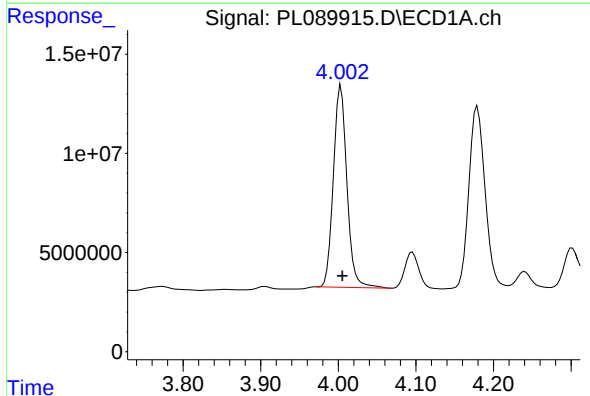
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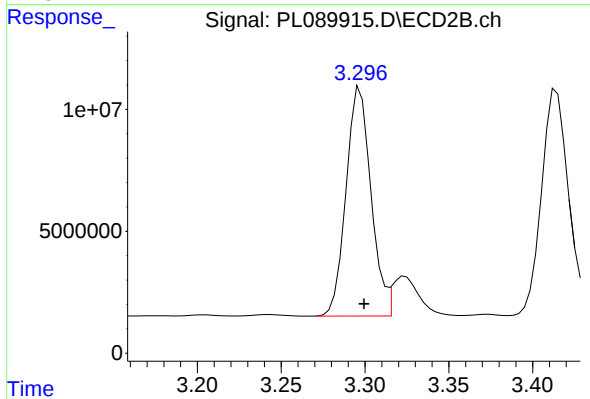
#1 Tetrachloro-m-xylene

R.T.: 2.793 min  
Delta R.T.: -0.002 min  
Response: 23112497  
Conc: 16.12 ng/ml



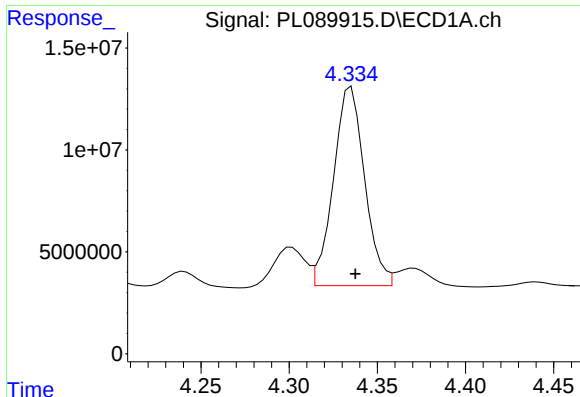
#2 alpha-BHC

R.T.: 4.003 min  
Delta R.T.: -0.002 min  
Response: 123566414  
Conc: 41.44 ng/ml



#2 alpha-BHC

R.T.: 3.297 min  
Delta R.T.: -0.002 min  
Response: 96998148  
Conc: 45.38 ng/ml



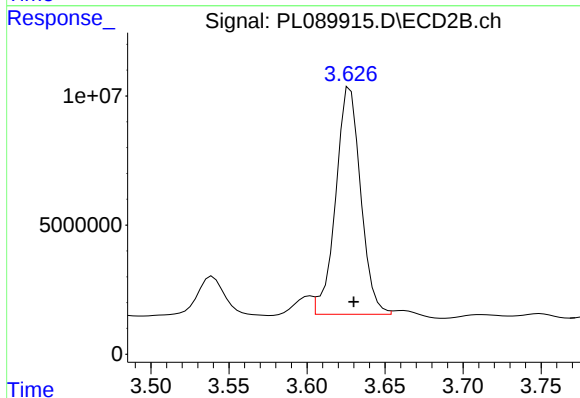
#3 gamma-BHC (Lindane)

R.T.: 4.334 min  
Delta R.T.: -0.004 min  
Response: 118257056  
Conc: 40.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-4MSD

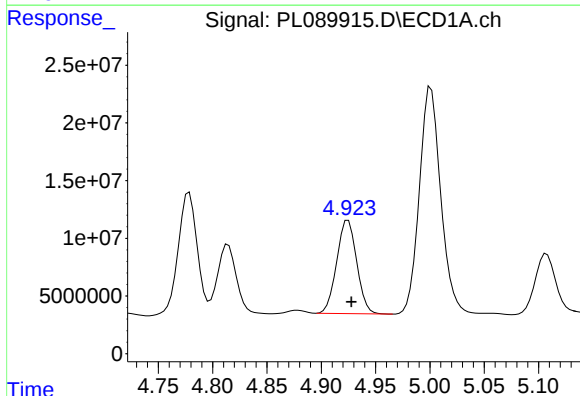
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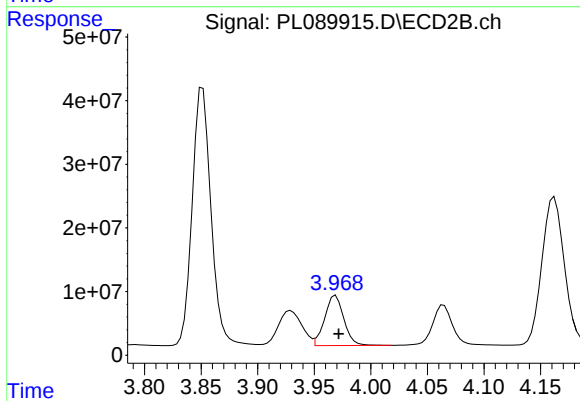
#3 gamma-BHC (Lindane)

R.T.: 3.626 min  
Delta R.T.: -0.004 min  
Response: 97422261  
Conc: 46.58 ng/ml m



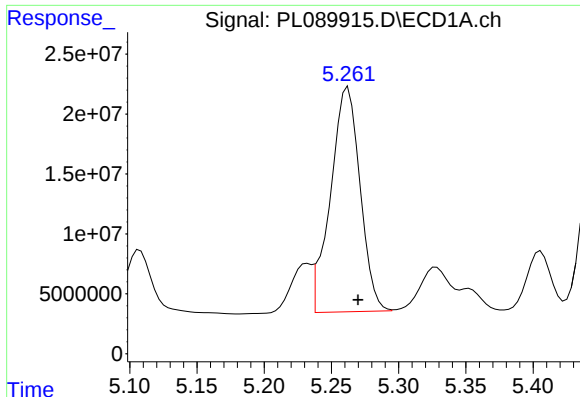
#4 Heptachlor

R.T.: 4.925 min  
Delta R.T.: -0.003 min  
Response: 103854470  
Conc: 39.78 ng/ml



#4 Heptachlor

R.T.: 3.969 min  
Delta R.T.: -0.003 min  
Response: 92813137  
Conc: 46.51 ng/ml



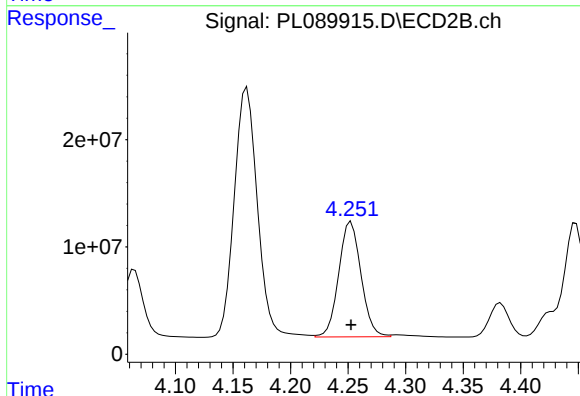
#5 Aldrin

R.T.: 5.261 min  
Delta R.T.: -0.009 min  
Response: 282683037  
Conc: 106.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-4MSD

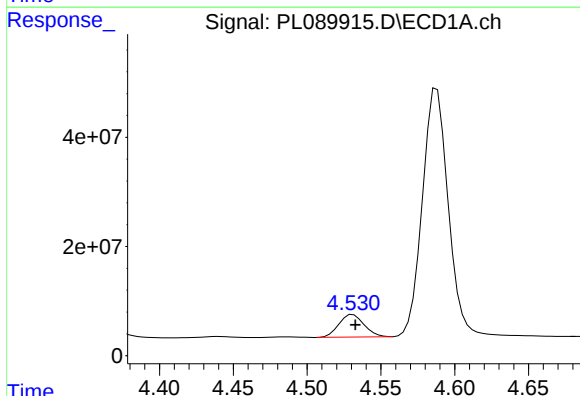
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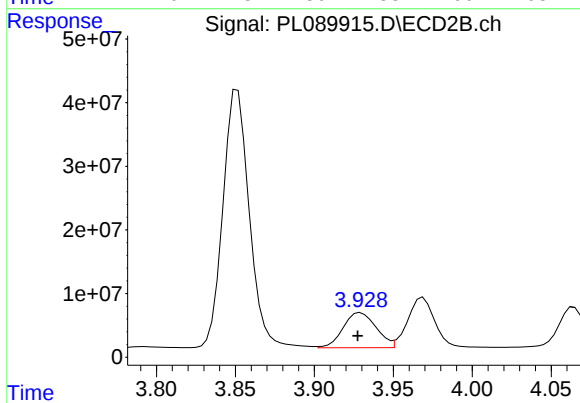
#5 Aldrin

R.T.: 4.253 min  
Delta R.T.: 0.000 min  
Response: 144994619  
Conc: 72.56 ng/ml



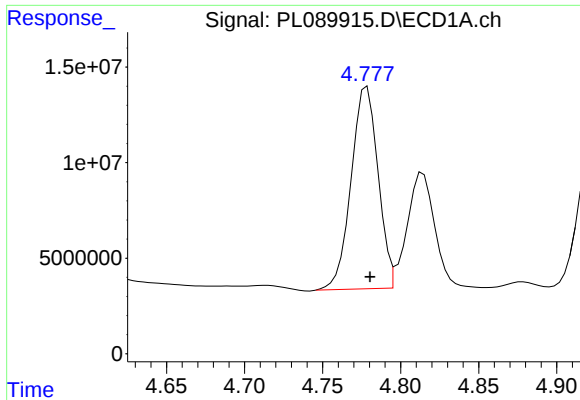
#6 beta-BHC

R.T.: 4.531 min  
Delta R.T.: -0.002 min  
Response: 49163522  
Conc: 37.64 ng/ml



#6 beta-BHC

R.T.: 3.929 min  
Delta R.T.: 0.002 min  
Response: 80214263  
Conc: 87.68 ng/ml



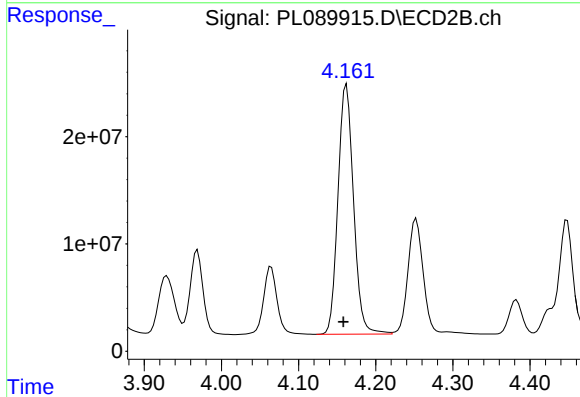
#7 delta-BHC

R.T.: 4.777 min  
Delta R.T.: -0.003 min  
Response: 124974756  
Conc: 45.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-4MSD

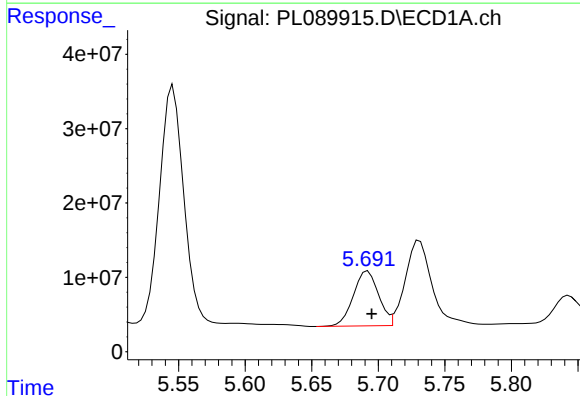
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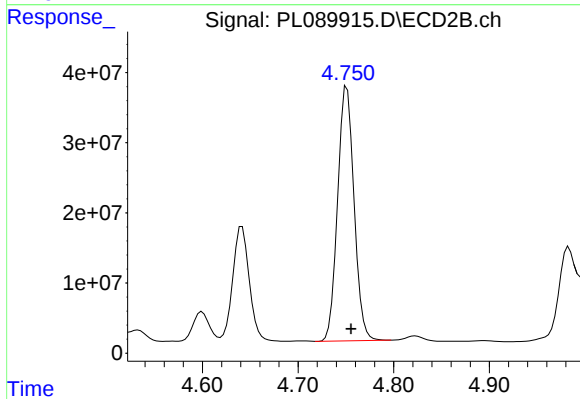
#7 delta-BHC

R.T.: 4.162 min  
Delta R.T.: 0.004 min  
Response: 326008862  
Conc: 161.75 ng/ml



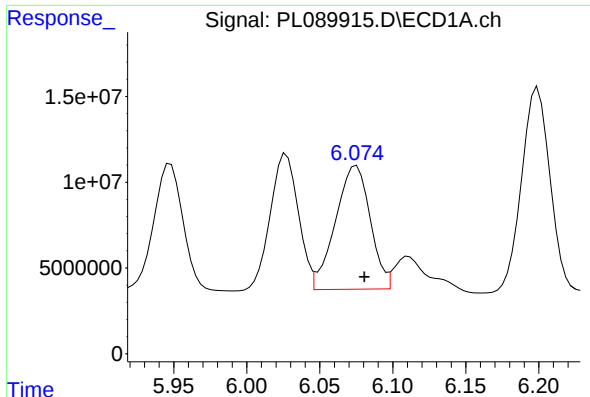
#8 Heptachlor epoxide

R.T.: 5.692 min  
Delta R.T.: -0.003 min  
Response: 97281677  
Conc: 39.06 ng/ml



#8 Heptachlor epoxide

R.T.: 4.751 min  
Delta R.T.: -0.004 min  
Response: 434076070  
Conc: 236.52 ng/ml



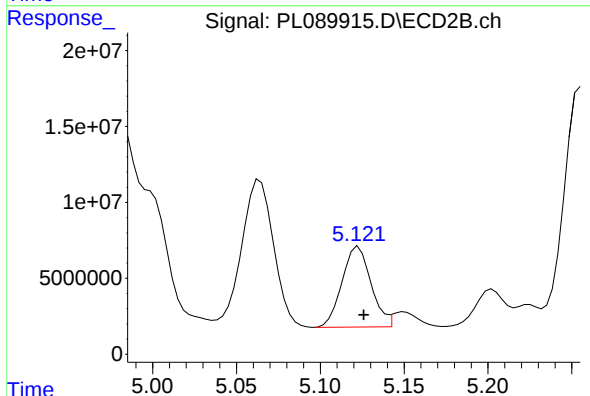
#9 Endosulfan I

R.T.: 6.074 min  
Delta R.T.: -0.007 min  
Response: 117996349  
Conc: 52.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-4MSD

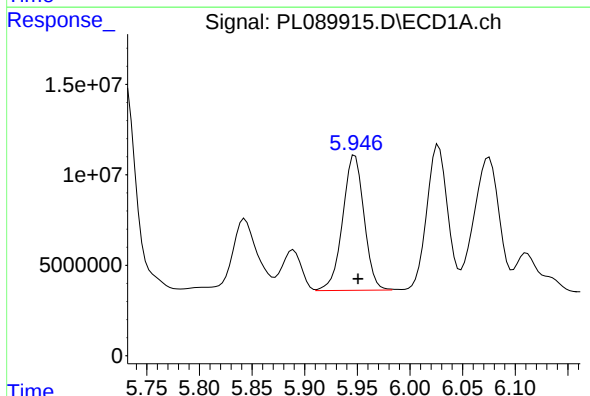
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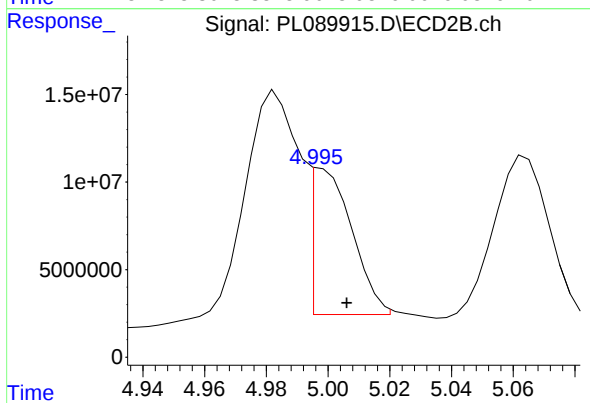
#9 Endosulfan I

R.T.: 5.123 min  
Delta R.T.: -0.003 min  
Response: 63772436  
Conc: 37.33 ng/ml



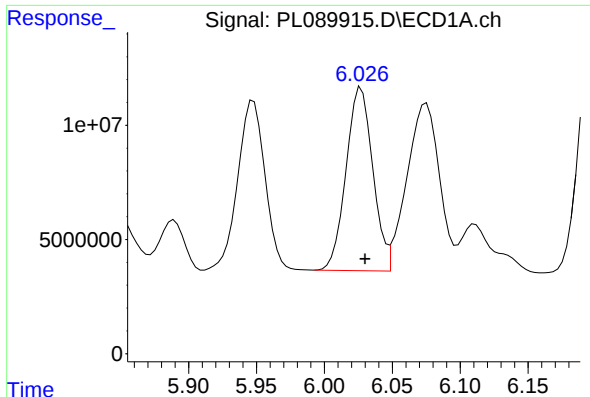
#10 gamma-Chlordane

R.T.: 5.946 min  
Delta R.T.: -0.004 min  
Response: 105992500  
Conc: 43.83 ng/ml m



#10 gamma-Chlordane

R.T.: 4.995 min  
Delta R.T.: -0.011 min  
Response: 69787437  
Conc: 37.44 ng/ml m



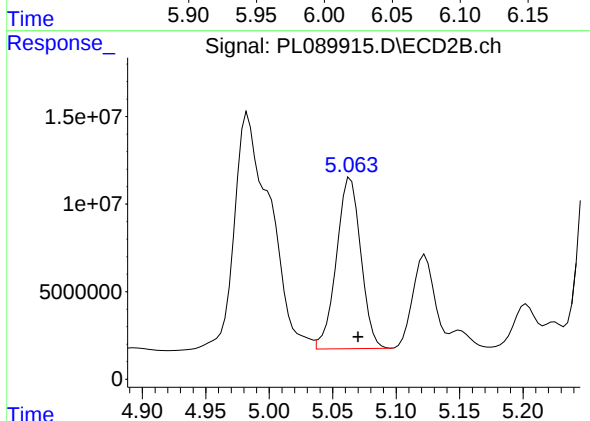
#11 alpha-Chlordane

R.T.: 6.027 min  
Delta R.T.: -0.003 min  
Response: 109958178  
Conc: 45.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-4MSD

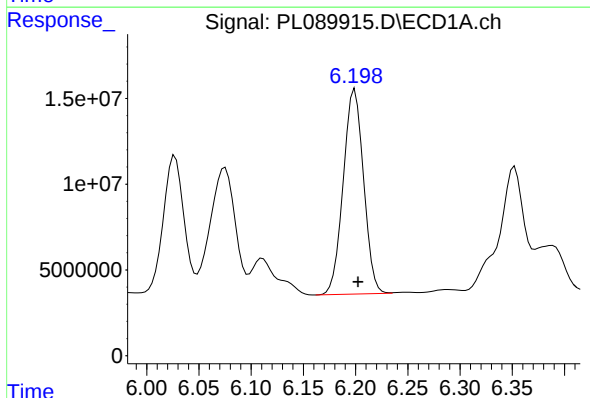
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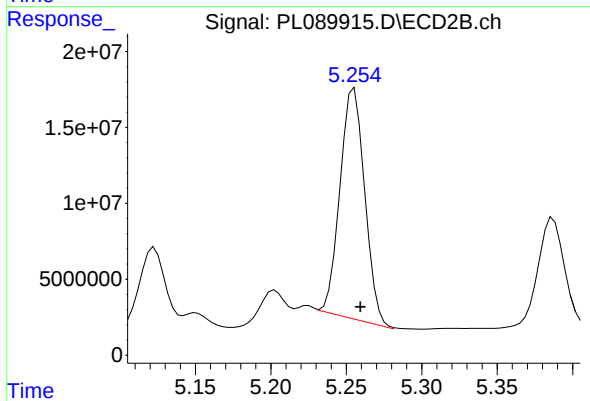
#11 alpha-Chlordane

R.T.: 5.064 min  
Delta R.T.: -0.006 min  
Response: 130703588  
Conc: 69.66 ng/ml



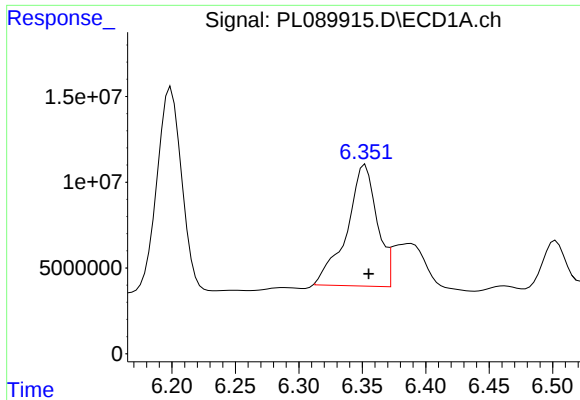
#12 4,4'-DDE

R.T.: 6.199 min  
Delta R.T.: -0.003 min  
Response: 161809089  
Conc: 74.38 ng/ml



#12 4,4'-DDE

R.T.: 5.254 min  
Delta R.T.: -0.006 min  
Response: 172914353  
Conc: 103.50 ng/ml m



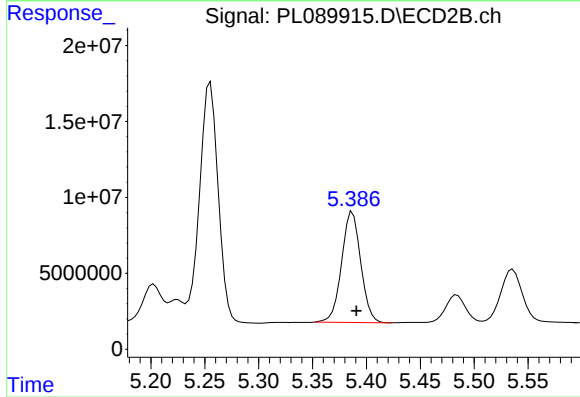
#13 Dieldrin

R.T.: 6.352 min  
Delta R.T.: -0.003 min  
Response: 116887760  
Conc: 49.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-4MSD

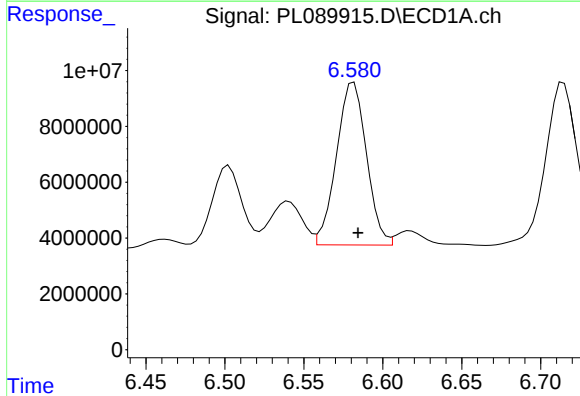
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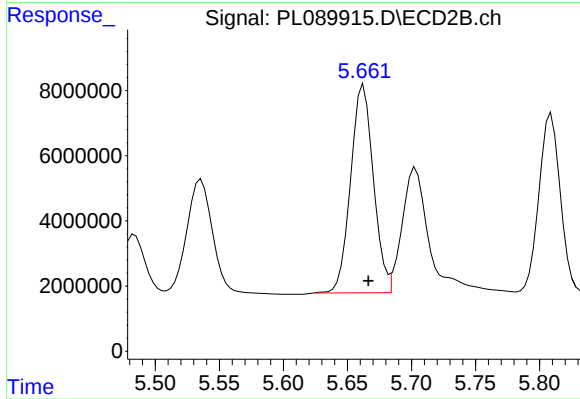
#13 Dieldrin

R.T.: 5.387 min  
Delta R.T.: -0.004 min  
Response: 90135660  
Conc: 48.92 ng/ml



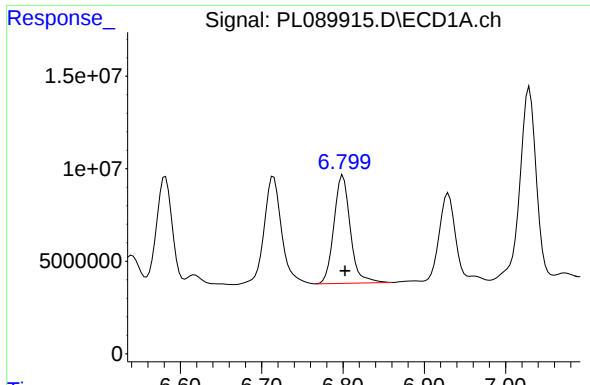
#14 Endrin

R.T.: 6.582 min  
Delta R.T.: -0.003 min  
Response: 77212227  
Conc: 38.40 ng/ml



#14 Endrin

R.T.: 5.663 min  
Delta R.T.: -0.004 min  
Response: 78903954  
Conc: 48.17 ng/ml



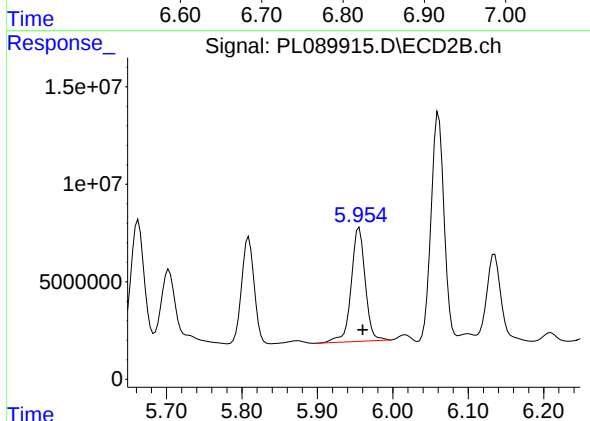
#15 Endosulfan II

R.T.: 6.800 min  
Delta R.T.: -0.003 min  
Response: 81782600  
Conc: 39.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-4MSD

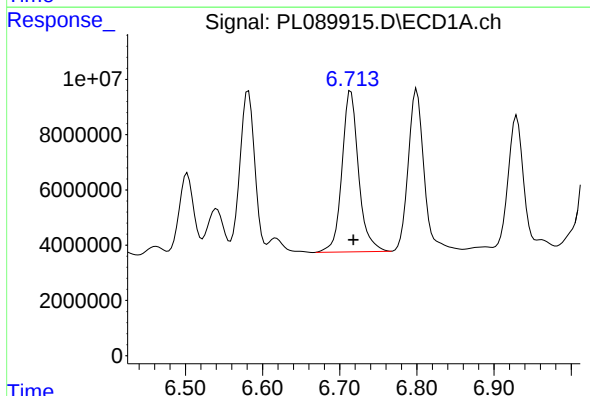
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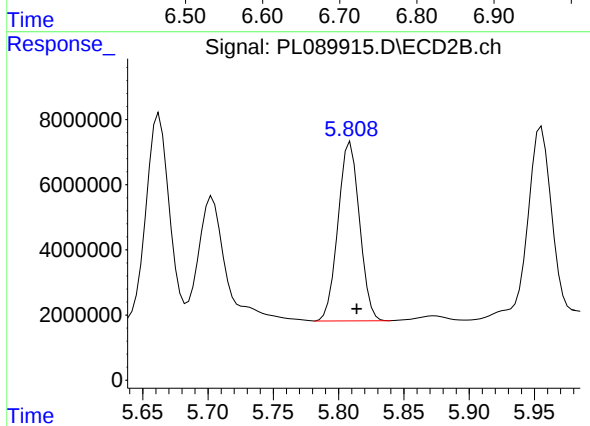
#15 Endosulfan II

R.T.: 5.955 min  
Delta R.T.: -0.005 min  
Response: 75231436  
Conc: 46.71 ng/ml



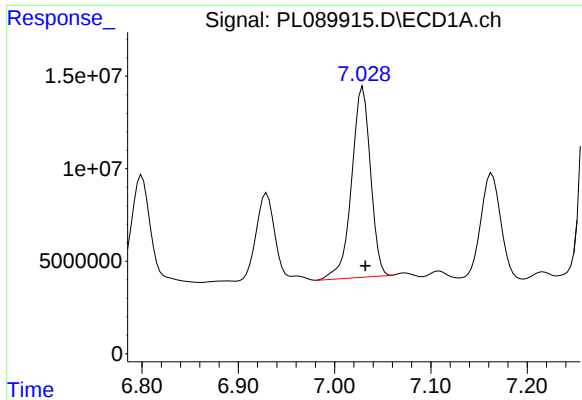
#16 4,4'-DDD

R.T.: 6.715 min  
Delta R.T.: -0.003 min  
Response: 86960657  
Conc: 49.65 ng/ml



#16 4,4'-DDD

R.T.: 5.809 min  
Delta R.T.: -0.005 min  
Response: 62930993  
Conc: 44.64 ng/ml



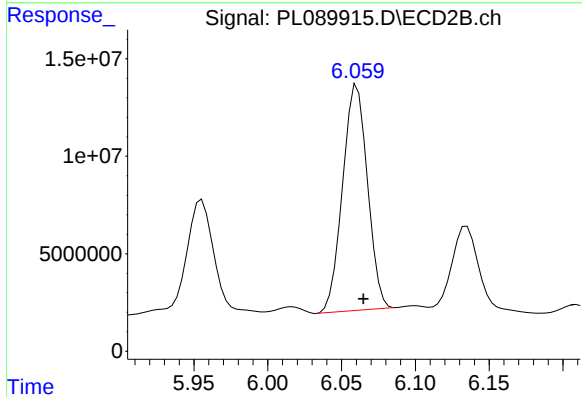
#17 4,4'-DDT

R.T.: 7.029 min  
Delta R.T.: -0.003 min  
Response: 139607828  
Conc: 75.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-4MSD

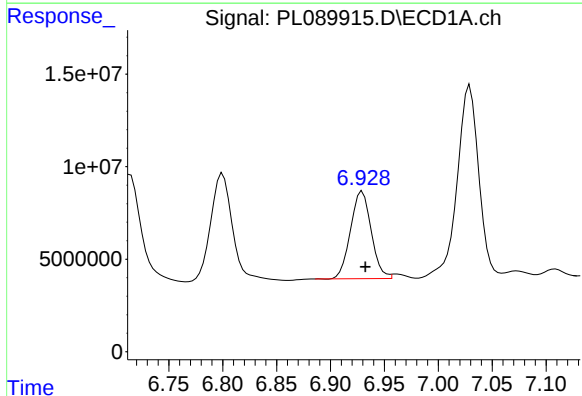
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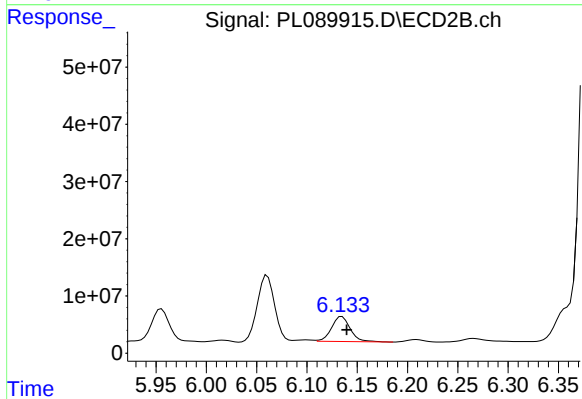
#17 4,4'-DDT

R.T.: 6.059 min  
Delta R.T.: -0.006 min  
Response: 135912465  
Conc: 89.50 ng/ml m



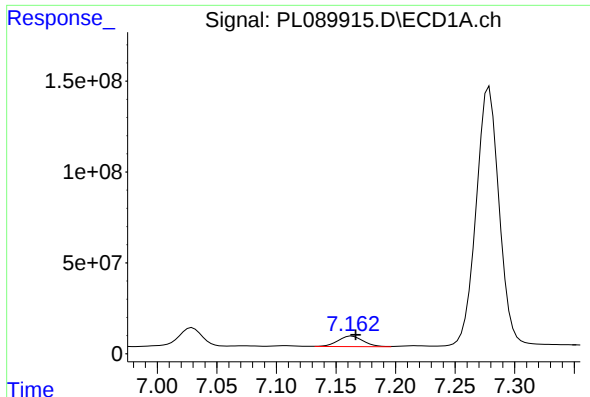
#18 Endrin aldehyde

R.T.: 6.930 min  
Delta R.T.: -0.003 min  
Response: 63075349  
Conc: 40.69 ng/ml



#18 Endrin aldehyde

R.T.: 6.135 min  
Delta R.T.: -0.005 min  
Response: 56300267  
Conc: 46.39 ng/ml



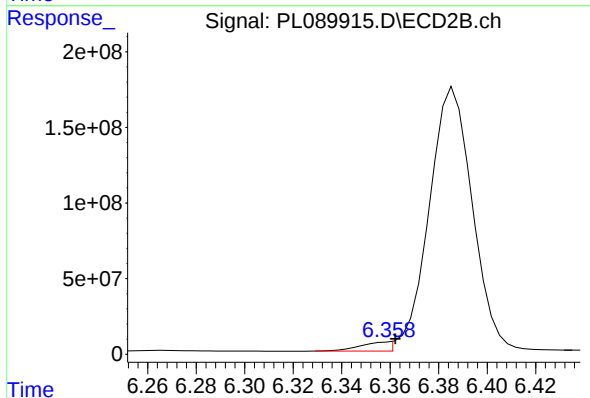
#19 Endosulfan Sulfate

R.T.: 7.162 min  
Delta R.T.: -0.005 min  
Response: 85546795  
Conc: 44.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-4MSD

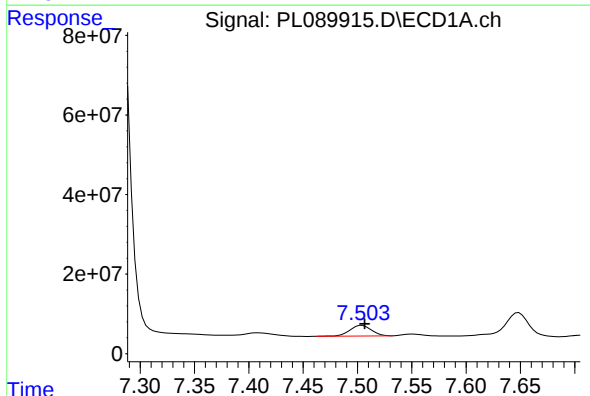
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Reviewed By :Abdul Mirza 06/05/2024  
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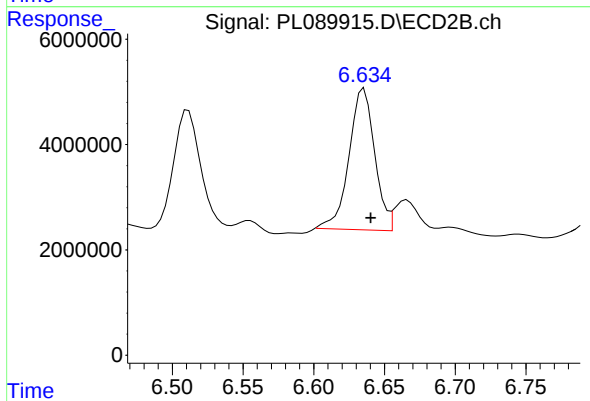
#19 Endosulfan Sulfate

R.T.: 6.358 min  
Delta R.T.: -0.004 min  
Response: 46302346  
Conc: 29.44 ng/ml m



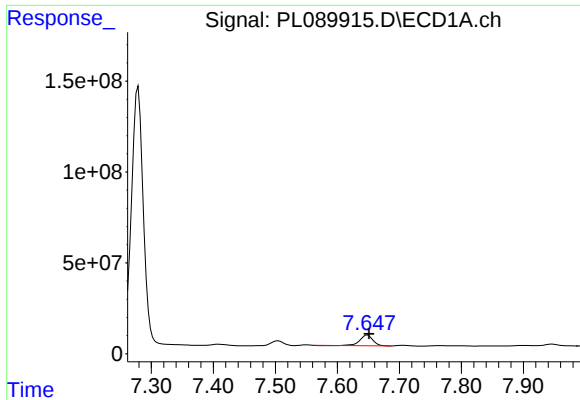
#20 Methoxychlor

R.T.: 7.504 min  
Delta R.T.: -0.002 min  
Response: 36776560  
Conc: 37.44 ng/ml



#20 Methoxychlor

R.T.: 6.636 min  
Delta R.T.: -0.005 min  
Response: 33979353  
Conc: 38.20 ng/ml



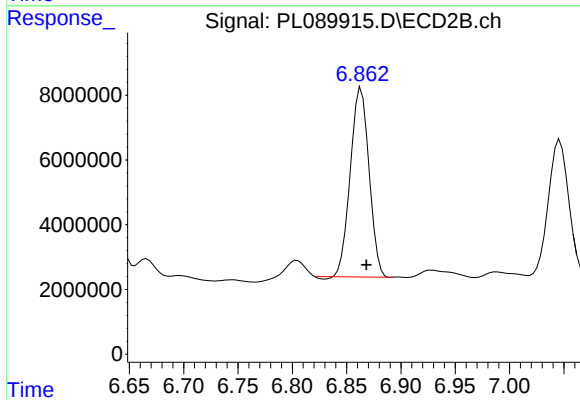
#21 Endrin ketone

R.T.: 7.648 min  
Delta R.T.: -0.003 min  
Response: 87413792  
Conc: 41.51 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-4MSD

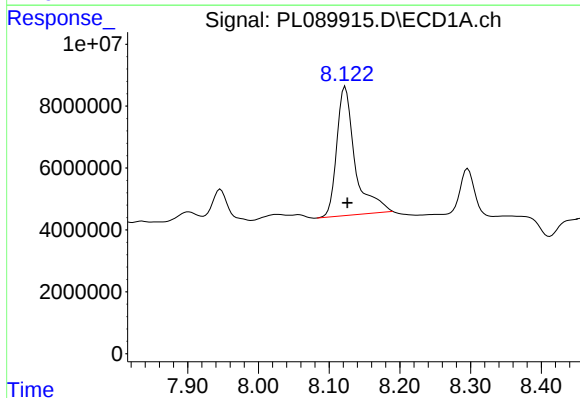
Manual Integrations  
APPROVED

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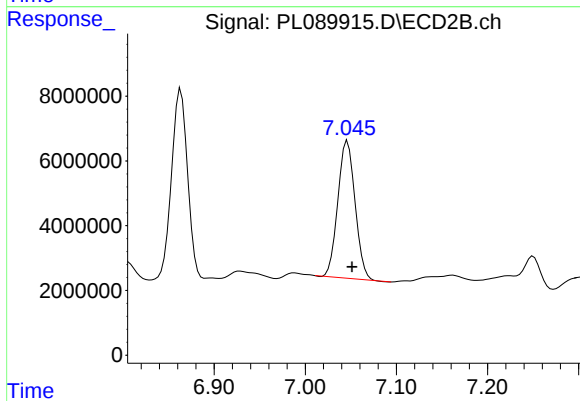
#21 Endrin ketone

R.T.: 6.864 min  
Delta R.T.: -0.005 min  
Response: 69923076  
Conc: 38.37 ng/ml



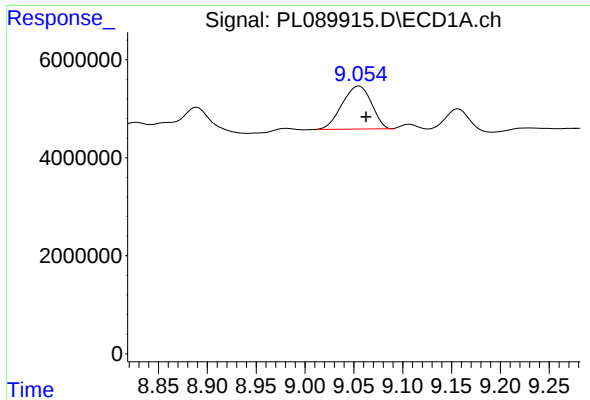
#22 Mirex

R.T.: 8.123 min  
Delta R.T.: -0.003 min  
Response: 75497252  
Conc: 45.38 ng/ml



#22 Mirex

R.T.: 7.046 min  
Delta R.T.: -0.005 min  
Response: 55772541  
Conc: 36.32 ng/ml



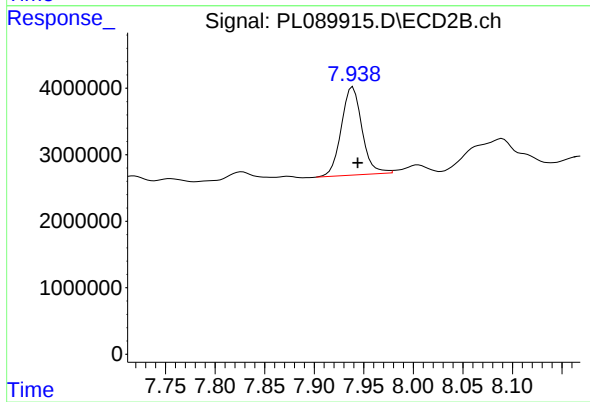
#28 Decachlorobiphenyl

R.T.: 9.056 min  
Delta R.T.: -0.007 min  
Response: 18355951  
Conc: 12.48 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
WC-4MSD

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.939 min  
Delta R.T.: -0.005 min  
Response: 19258444  
Conc: 12.96 ng/ml