

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102624\  
 Data File : PL092641.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Oct 2024 16:59  
 Operator : AR\AJ  
 Sample : PB164398BS  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB164398BS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 10/28/2024  
 Supervised By :Ankita Jodhani 10/28/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 25 22:39:21 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102124.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 21 17:09:23 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... | 3.541 | 2.777 | 43527501 | 46572095 | 16.158  | 16.768m |
| 28)                         | SA Decachlor... | 9.057 | 7.918 | 36667876 | 51310327 | 18.053  | 19.473  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.997 | 3.282 | 171.1E6  | 209.1E6  | 41.526  | 48.467  |
| 3)                          | MA gamma-BHC... | 4.328 | 3.612 | 164.8E6  | 203.2E6  | 42.845m | 49.337  |
| 4)                          | MA Heptachlor   | 4.917 | 3.951 | 151.7E6  | 201.5E6  | 42.781m | 50.168  |
| 5)                          | MB Aldrin       | 5.260 | 4.231 | 150.0E6  | 194.4E6  | 40.774  | 48.903  |
| 6)                          | B beta-BHC      | 4.527 | 3.912 | 72920304 | 87472850 | 46.975  | 50.100  |
| 7)                          | B delta-BHC     | 4.774 | 4.141 | 161.9E6  | 204.7E6  | 43.031  | 48.665  |
| 8)                          | B Heptachlo...  | 5.686 | 4.734 | 140.2E6  | 180.2E6  | 42.209  | 51.133  |
| 9)                          | A Endosulfan I  | 6.072 | 5.103 | 126.3E6  | 164.1E6  | 41.846  | 51.567  |
| 10)                         | B gamma-Chl...  | 5.942 | 4.984 | 136.9E6  | 180.7E6  | 41.513  | 49.127  |
| 11)                         | B alpha-Chl...  | 6.022 | 5.047 | 134.7E6  | 177.7E6  | 41.359  | 49.992  |
| 12)                         | B 4,4'-DDE      | 6.195 | 5.236 | 122.6E6  | 175.6E6  | 41.337  | 50.492  |
| 13)                         | MA Dieldrin     | 6.347 | 5.368 | 134.6E6  | 179.6E6  | 41.398  | 49.149  |
| 14)                         | MA Endrin       | 6.575 | 5.642 | 114.9E6  | 158.0E6  | 40.677m | 48.252m |
| 15)                         | B Endosulfa...  | 6.796 | 5.938 | 118.7E6  | 152.7E6  | 41.959  | 48.860  |
| 16)                         | A 4,4'-DDD      | 6.712 | 5.791 | 103.0E6  | 138.6E6  | 42.647  | 49.879  |
| 17)                         | MA 4,4'-DDT     | 7.025 | 6.042 | 105.9E6  | 142.2E6  | 42.927  | 48.404  |
| 18)                         | B Endrin al...  | 6.925 | 6.117 | 94857980 | 122.0E6  | 44.408m | 49.678  |
| 19)                         | B Endosulfa...  | 7.160 | 6.340 | 110.4E6  | 144.5E6  | 43.699  | 48.867  |
| 20)                         | A Methoxychlor  | 7.502 | 6.617 | 58398086 | 75891690 | 49.586  | 53.525  |
| 21)                         | B Endrin ke...  | 7.646 | 6.846 | 124.7E6  | 165.6E6  | 45.362  | 51.569  |
| 22)                         | Mirex           | 8.119 | 7.024 | 97749788 | 134.8E6  | 46.846  | 51.577m |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102624\  
Data File : PL092641.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Oct 2024 16:59  
Operator : AR\AJ  
Sample : PB164398BS  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

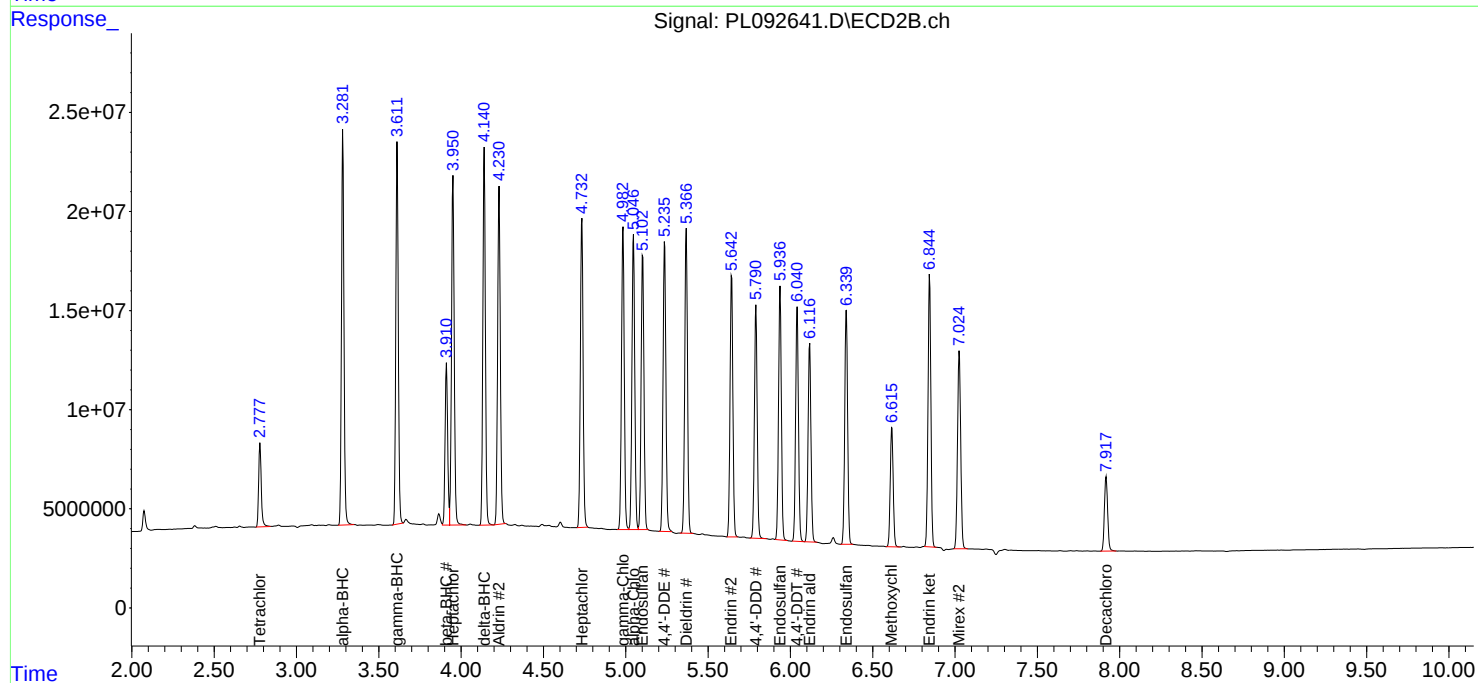
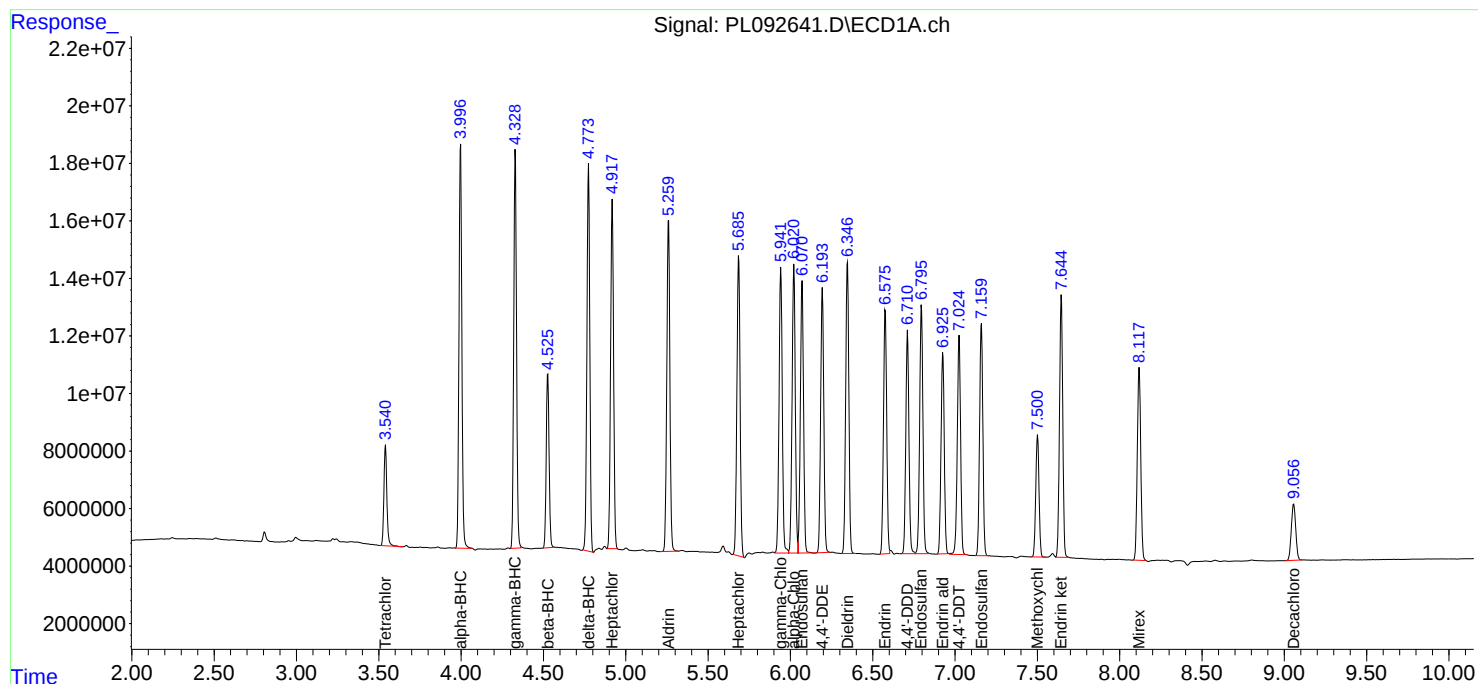
Instrument :  
ECD\_L  
ClientSampleId :  
PB164398BS

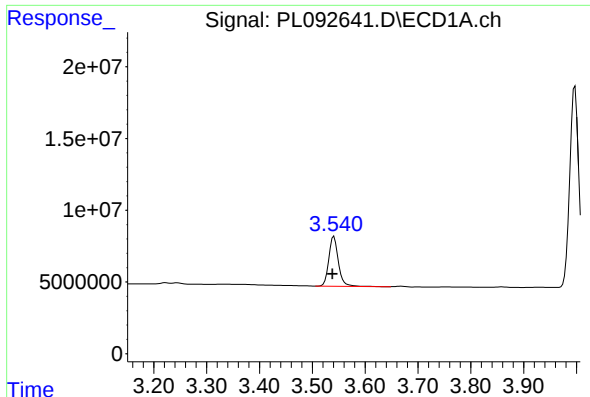
Manual Integrations  
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Supervised By :Ankita Jodhani 10/28/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 25 22:39:21 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102124.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 21 17:09:23 2024  
Response via : Initial Calibration  
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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





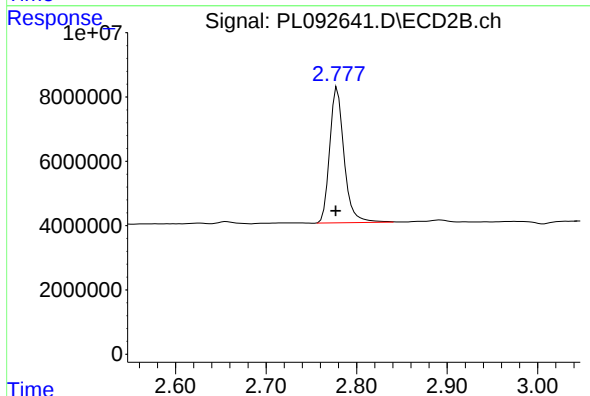
#1 Tetrachloro-m-xylene

R.T.: 3.541 min  
Delta R.T.: 0.003 min  
Response: 43527501  
Conc: 16.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164398BS

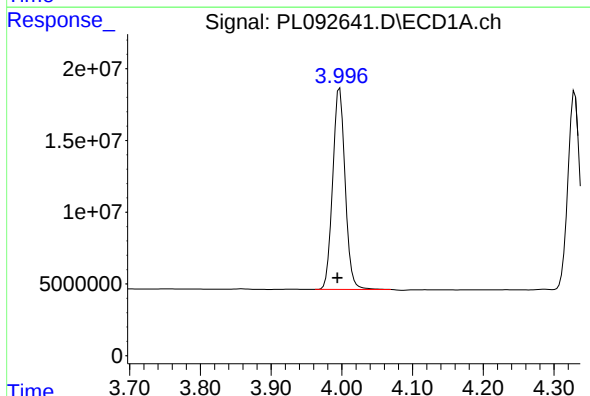
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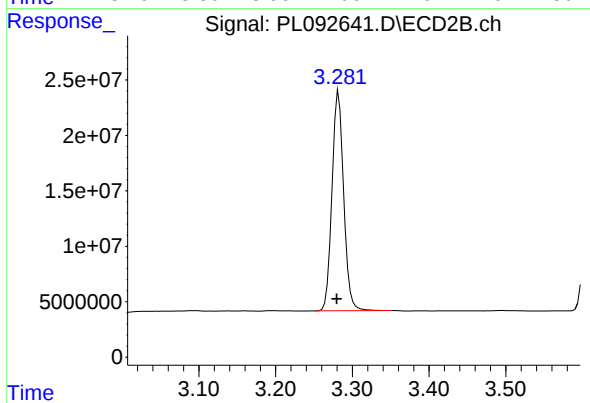
#1 Tetrachloro-m-xylene

R.T.: 2.777 min  
Delta R.T.: 0.000 min  
Response: 46572095  
Conc: 16.77 ng/ml m



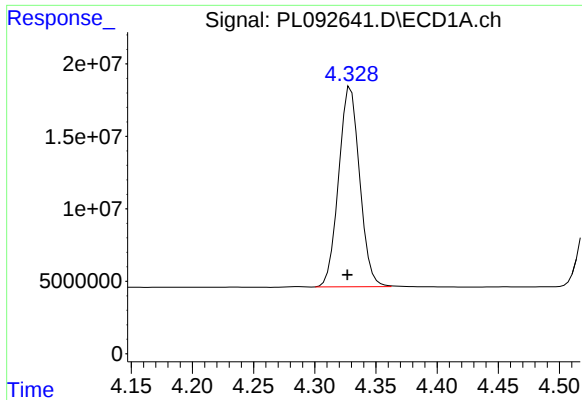
#2 alpha-BHC

R.T.: 3.997 min  
Delta R.T.: 0.003 min  
Response: 171139238  
Conc: 41.53 ng/ml



#2 alpha-BHC

R.T.: 3.282 min  
Delta R.T.: 0.002 min  
Response: 209139263  
Conc: 48.47 ng/ml



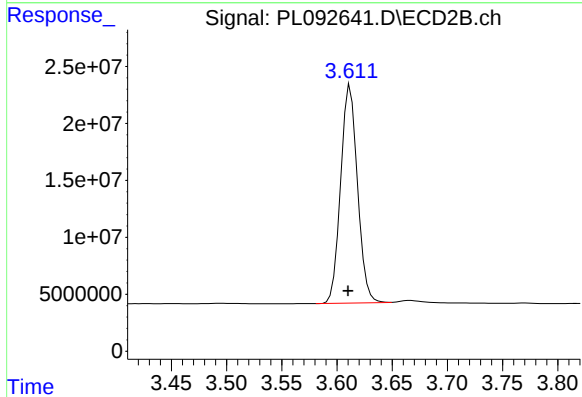
#3 gamma-BHC (Lindane)

R.T.: 4.328 min  
Delta R.T.: 0.001 min  
Response: 164813347  
Conc: 42.84 ng/ml

Instrument :  
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ClientSampleId :  
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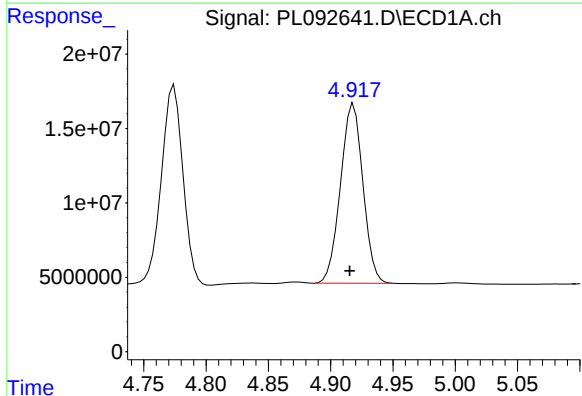
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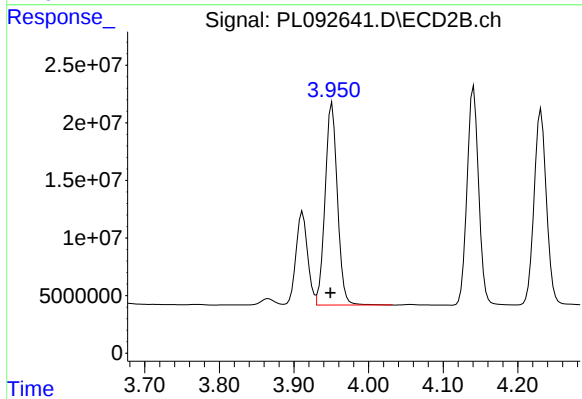
#3 gamma-BHC (Lindane)

R.T.: 3.612 min  
Delta R.T.: 0.002 min  
Response: 203172374  
Conc: 49.34 ng/ml



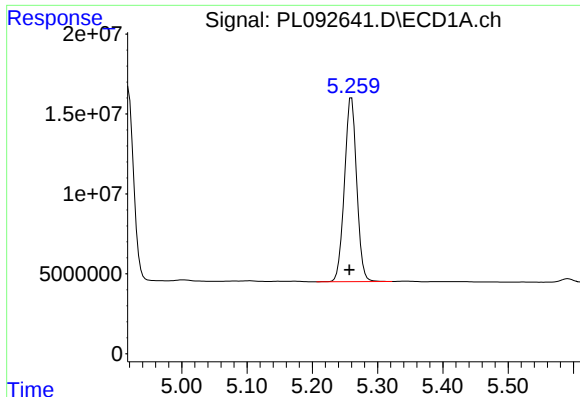
#4 Heptachlor

R.T.: 4.917 min  
Delta R.T.: 0.002 min  
Response: 151688947  
Conc: 42.78 ng/ml m



#4 Heptachlor

R.T.: 3.951 min  
Delta R.T.: 0.002 min  
Response: 201464417  
Conc: 50.17 ng/ml



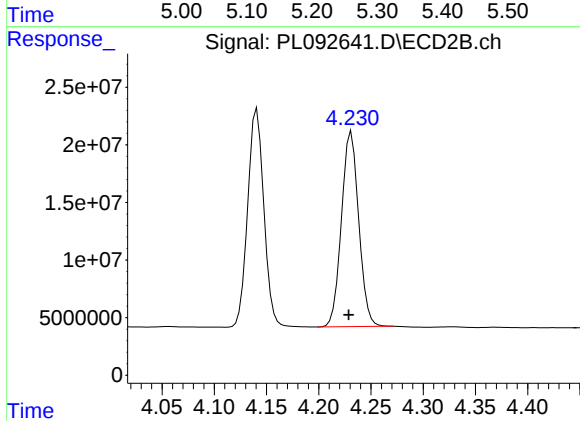
#5 Aldrin

R.T.: 5.260 min  
Delta R.T.: 0.003 min  
Response: 149995003  
Conc: 40.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164398BS

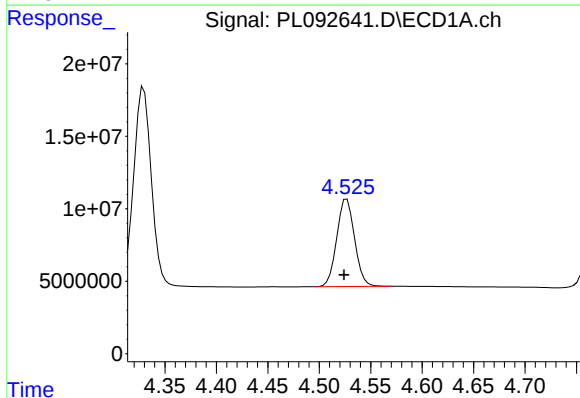
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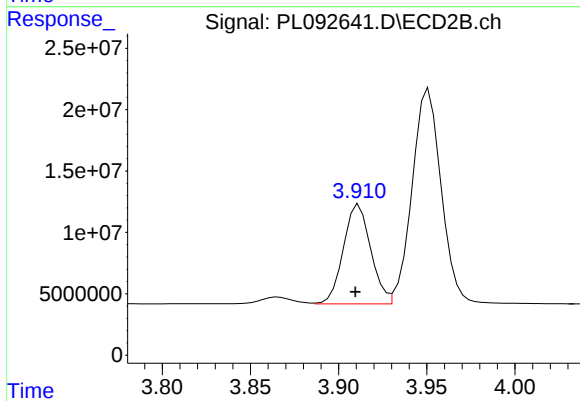
#5 Aldrin

R.T.: 4.231 min  
Delta R.T.: 0.003 min  
Response: 194413642  
Conc: 48.90 ng/ml



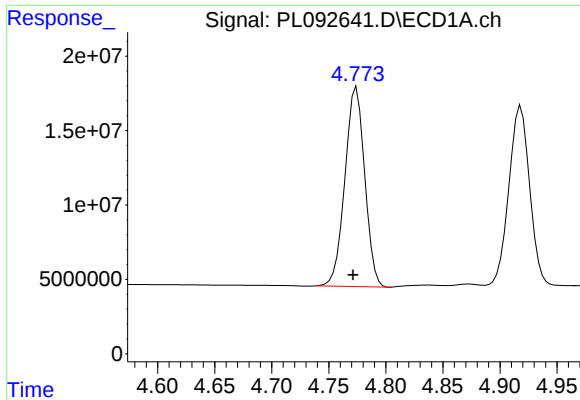
#6 beta-BHC

R.T.: 4.527 min  
Delta R.T.: 0.003 min  
Response: 72920304  
Conc: 46.97 ng/ml



#6 beta-BHC

R.T.: 3.912 min  
Delta R.T.: 0.002 min  
Response: 87472850  
Conc: 50.10 ng/ml



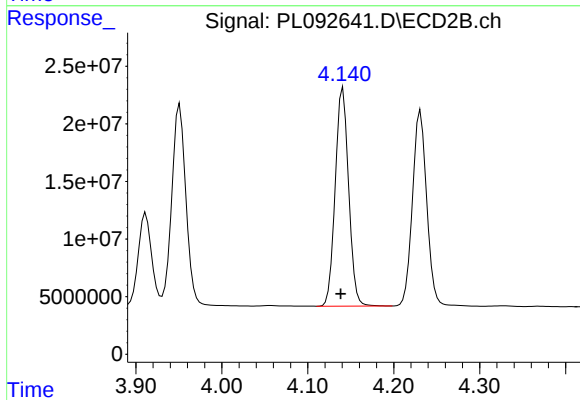
#7 delta-BHC

R.T.: 4.774 min  
Delta R.T.: 0.003 min  
Response: 161882299  
Conc: 43.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164398BS

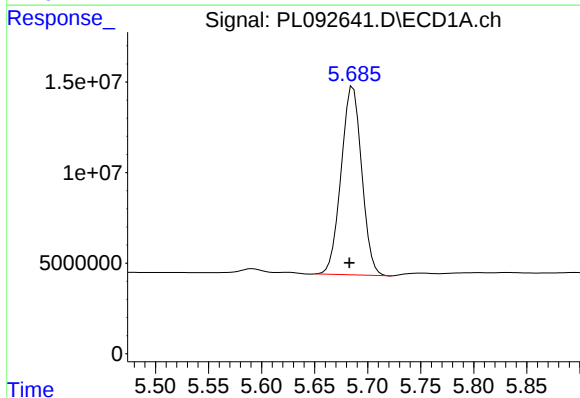
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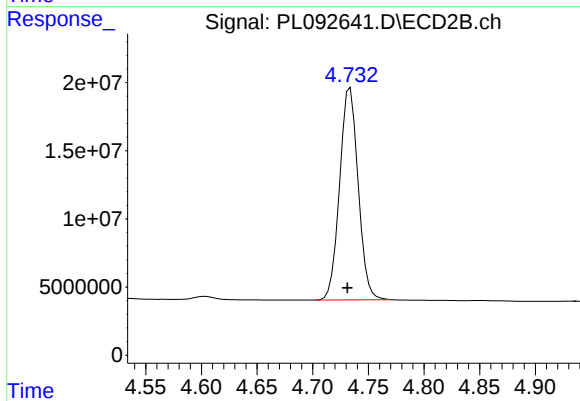
#7 delta-BHC

R.T.: 4.141 min  
Delta R.T.: 0.003 min  
Response: 204696354  
Conc: 48.66 ng/ml



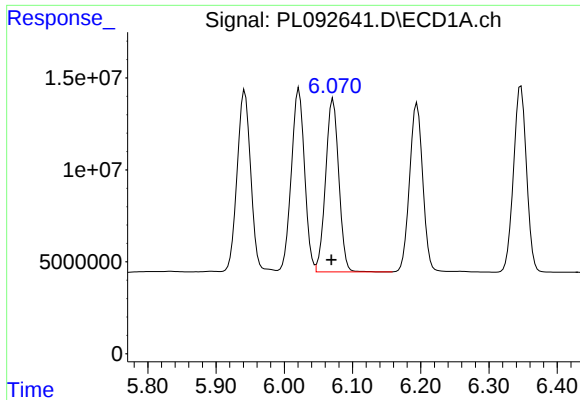
#8 Heptachlor epoxide

R.T.: 5.686 min  
Delta R.T.: 0.003 min  
Response: 140165326  
Conc: 42.21 ng/ml



#8 Heptachlor epoxide

R.T.: 4.734 min  
Delta R.T.: 0.002 min  
Response: 180167415  
Conc: 51.13 ng/ml



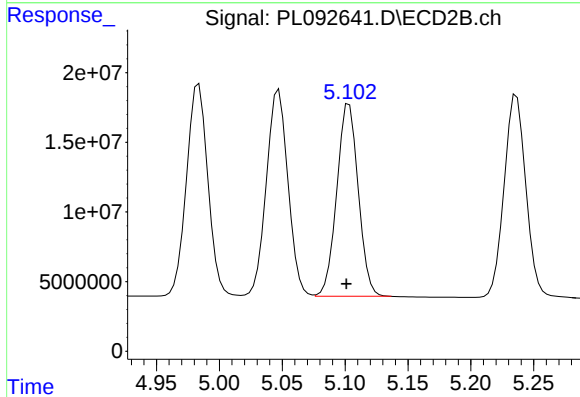
#9 Endosulfan I

R.T.: 6.072 min  
Delta R.T.: 0.003 min  
Response: 126349592  
Conc: 41.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164398BS

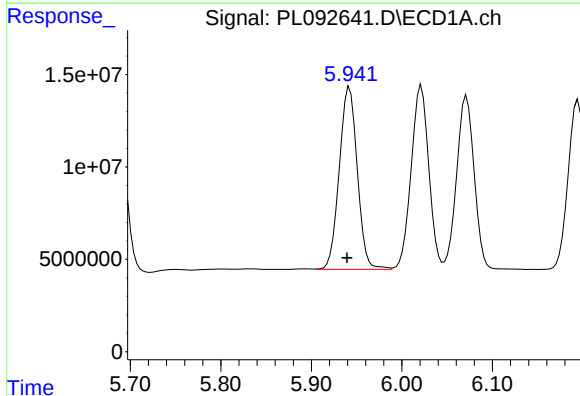
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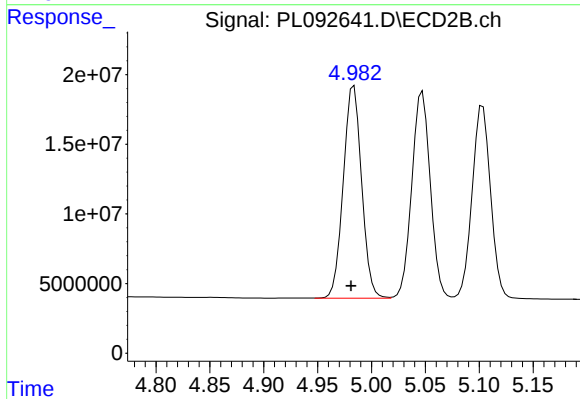
#9 Endosulfan I

R.T.: 5.103 min  
Delta R.T.: 0.002 min  
Response: 164137906  
Conc: 51.57 ng/ml



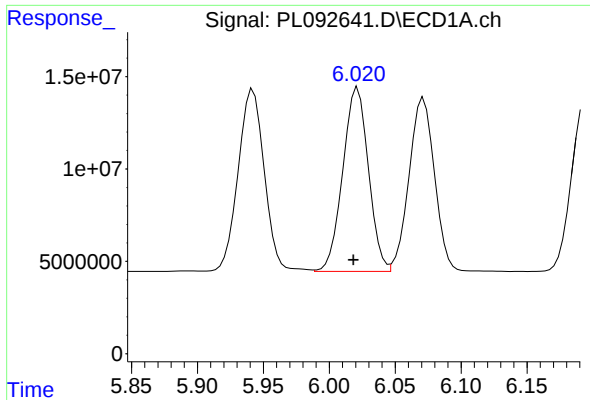
#10 gamma-Chlordane

R.T.: 5.942 min  
Delta R.T.: 0.003 min  
Response: 136868880  
Conc: 41.51 ng/ml



#10 gamma-Chlordane

R.T.: 4.984 min  
Delta R.T.: 0.003 min  
Response: 180747828  
Conc: 49.13 ng/ml



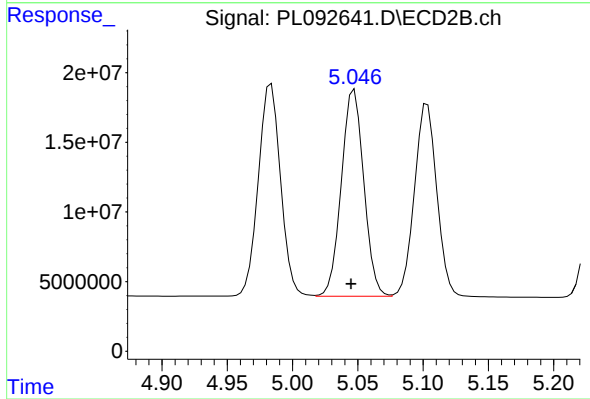
#11 alpha-Chlordane

R.T.: 6.022 min  
Delta R.T.: 0.003 min  
Response: 134682022  
Conc: 41.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164398BS

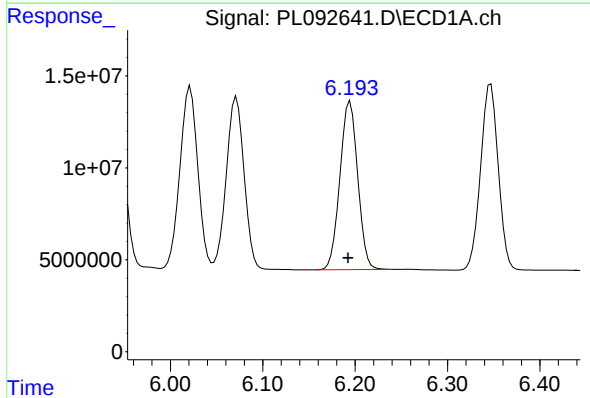
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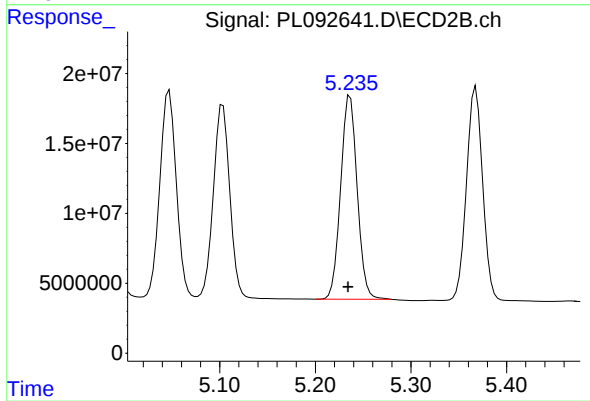
#11 alpha-Chlordane

R.T.: 5.047 min  
Delta R.T.: 0.002 min  
Response: 177674046  
Conc: 49.99 ng/ml



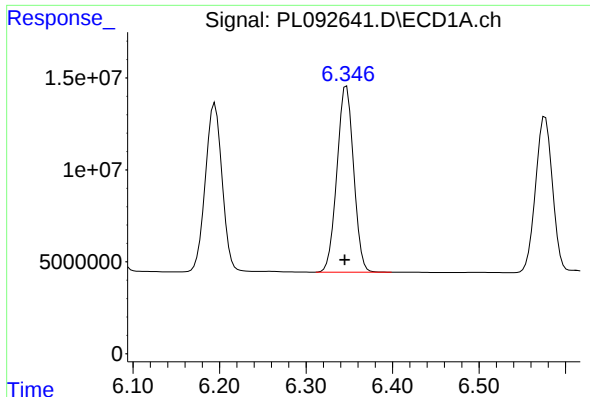
#12 4,4'-DDE

R.T.: 6.195 min  
Delta R.T.: 0.002 min  
Response: 122603284  
Conc: 41.34 ng/ml



#12 4,4'-DDE

R.T.: 5.236 min  
Delta R.T.: 0.002 min  
Response: 175576246  
Conc: 50.49 ng/ml



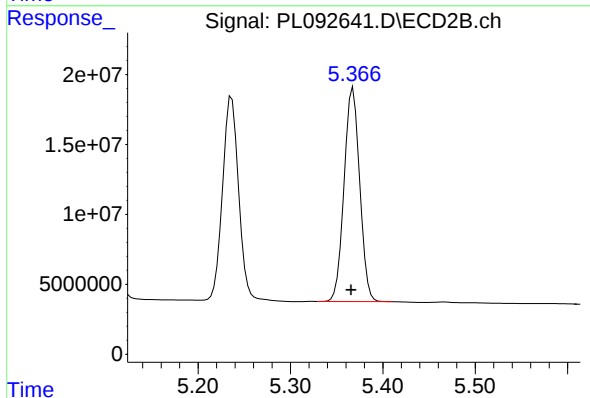
#13 Dieldrin

R.T.: 6.347 min  
Delta R.T.: 0.002 min  
Response: 134622708  
Conc: 41.40 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164398BS

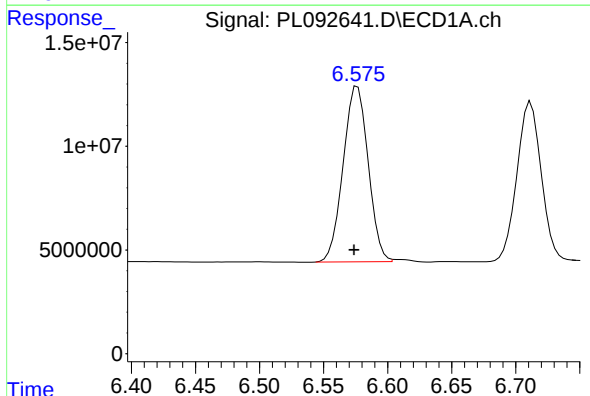
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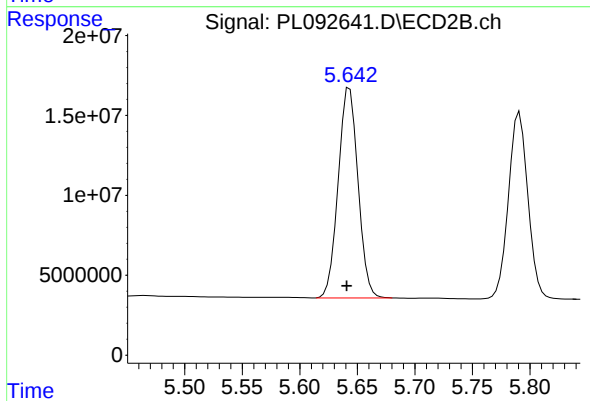
#13 Dieldrin

R.T.: 5.368 min  
Delta R.T.: 0.002 min  
Response: 179607686  
Conc: 49.15 ng/ml



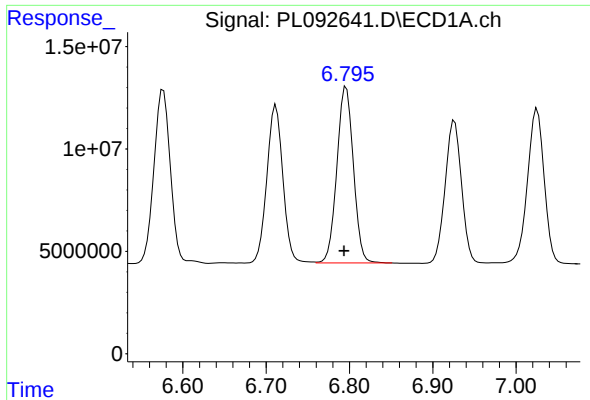
#14 Endrin

R.T.: 6.575 min  
Delta R.T.: 0.001 min  
Response: 114861644  
Conc: 40.68 ng/ml m



#14 Endrin

R.T.: 5.642 min  
Delta R.T.: 0.000 min  
Response: 158021918  
Conc: 48.25 ng/ml m



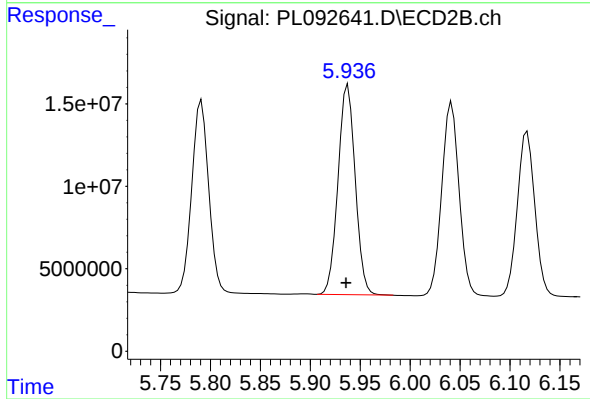
#15 Endosulfan II

R.T.: 6.796 min  
Delta R.T.: 0.002 min  
Response: 118734636  
Conc: 41.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164398BS

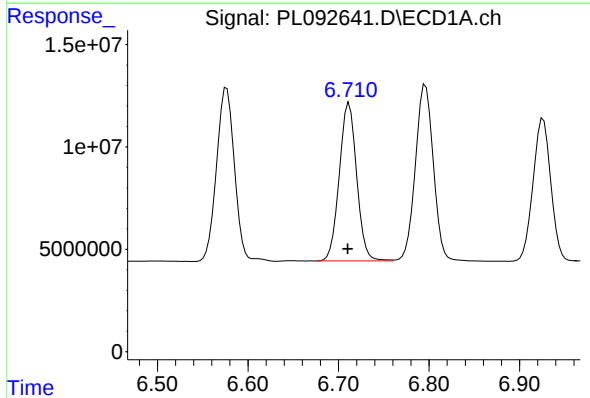
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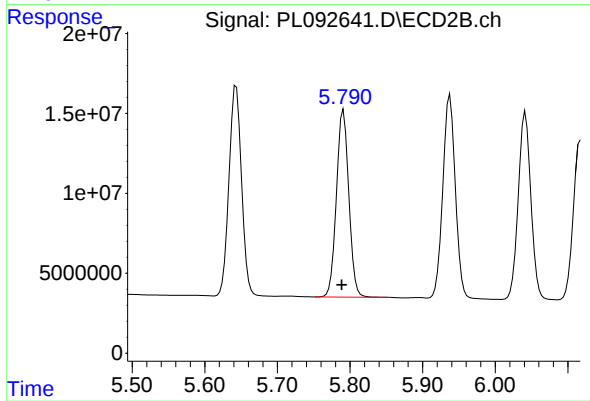
#15 Endosulfan II

R.T.: 5.938 min  
Delta R.T.: 0.002 min  
Response: 152747056  
Conc: 48.86 ng/ml



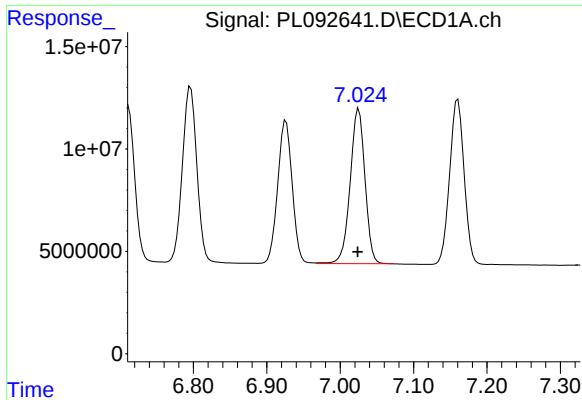
#16 4,4'-DDD

R.T.: 6.712 min  
Delta R.T.: 0.002 min  
Response: 103034675  
Conc: 42.65 ng/ml



#16 4,4'-DDD

R.T.: 5.791 min  
Delta R.T.: 0.002 min  
Response: 138575929  
Conc: 49.88 ng/ml



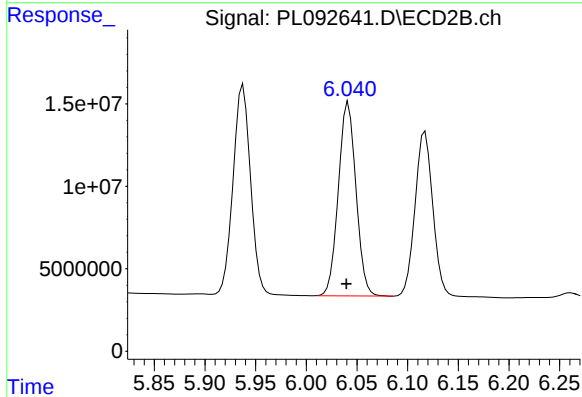
#17 4,4'-DDT

R.T.: 7.025 min  
Delta R.T.: 0.001 min  
Response: 105860734  
Conc: 42.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164398BS

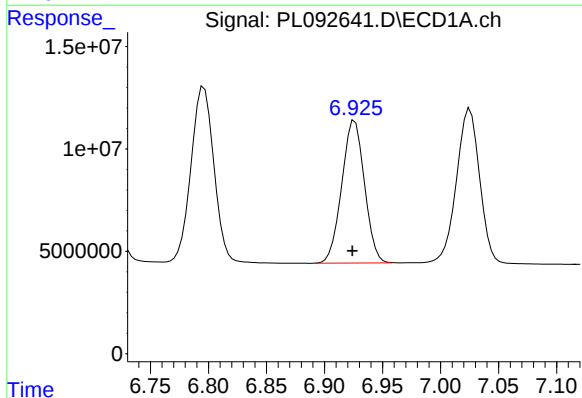
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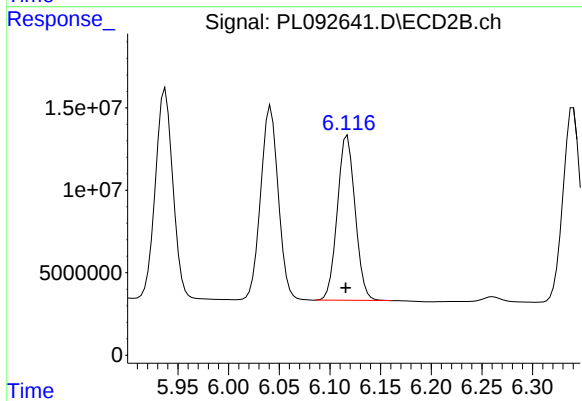
#17 4,4'-DDT

R.T.: 6.042 min  
Delta R.T.: 0.002 min  
Response: 142159293  
Conc: 48.40 ng/ml



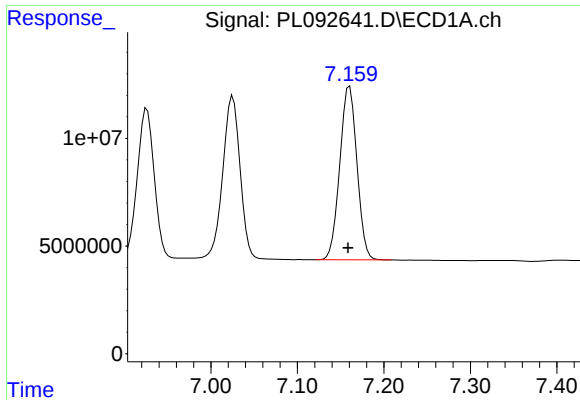
#18 Endrin aldehyde

R.T.: 6.925 min  
Delta R.T.: 0.000 min  
Response: 94857980  
Conc: 44.41 ng/ml m



#18 Endrin aldehyde

R.T.: 6.117 min  
Delta R.T.: 0.002 min  
Response: 122035463  
Conc: 49.68 ng/ml



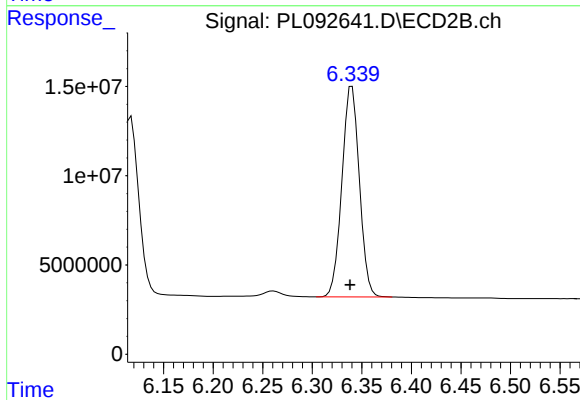
#19 Endosulfan Sulfate

R.T.: 7.160 min  
Delta R.T.: 0.002 min  
Response: 110412837  
Conc: 43.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164398BS

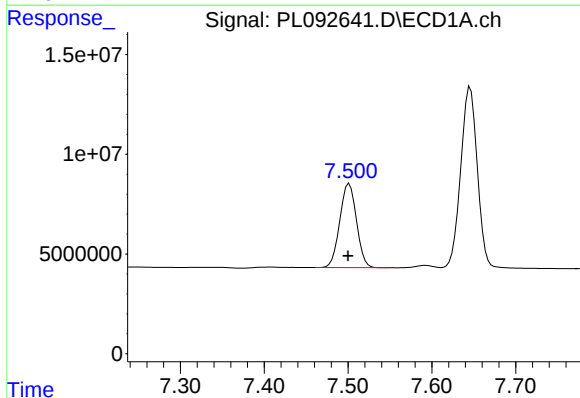
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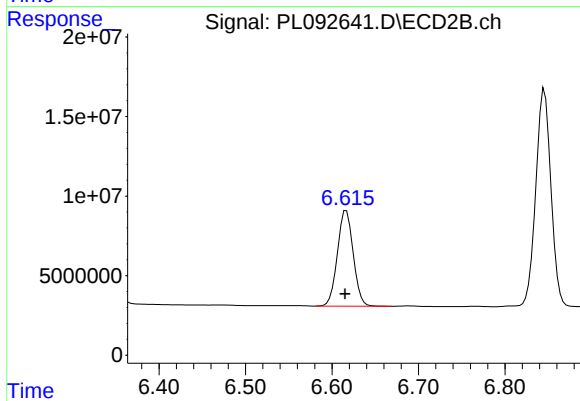
#19 Endosulfan Sulfate

R.T.: 6.340 min  
Delta R.T.: 0.002 min  
Response: 144463600  
Conc: 48.87 ng/ml



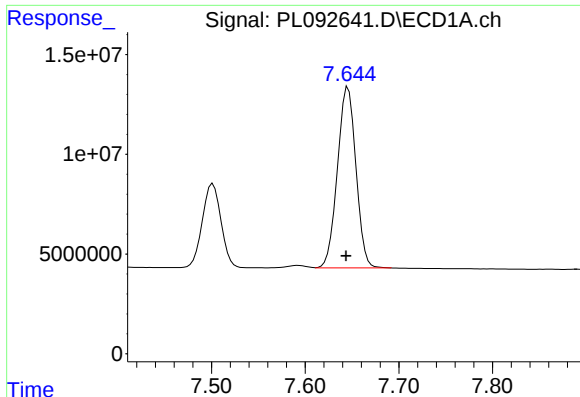
#20 Methoxychlor

R.T.: 7.502 min  
Delta R.T.: 0.001 min  
Response: 58398086  
Conc: 49.59 ng/ml



#20 Methoxychlor

R.T.: 6.617 min  
Delta R.T.: 0.002 min  
Response: 75891690  
Conc: 53.53 ng/ml



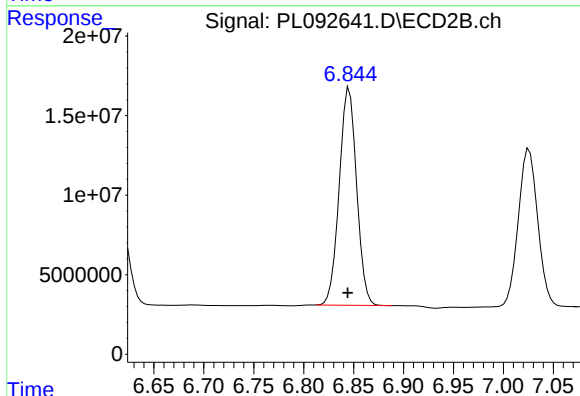
#21 Endrin ketone

R.T.: 7.646 min  
Delta R.T.: 0.002 min  
Response: 124736541  
Conc: 45.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164398BS

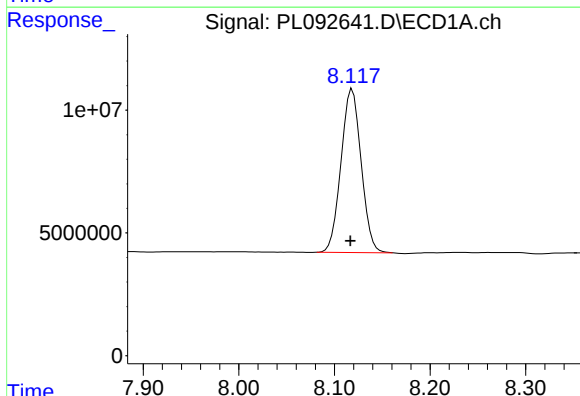
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/28/2024  
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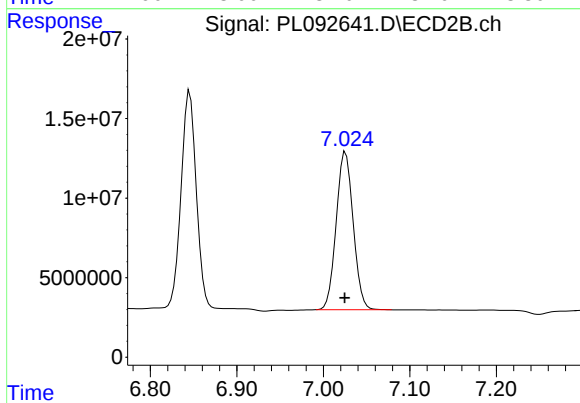
#21 Endrin ketone

R.T.: 6.846 min  
Delta R.T.: 0.002 min  
Response: 165646527  
Conc: 51.57 ng/ml



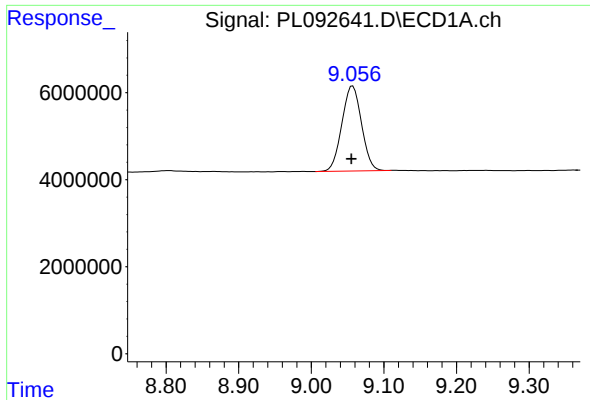
#22 Mirex

R.T.: 8.119 min  
Delta R.T.: 0.002 min  
Response: 97749788  
Conc: 46.85 ng/ml



#22 Mirex

R.T.: 7.024 min  
Delta R.T.: 0.000 min  
Response: 134797682  
Conc: 51.58 ng/ml m



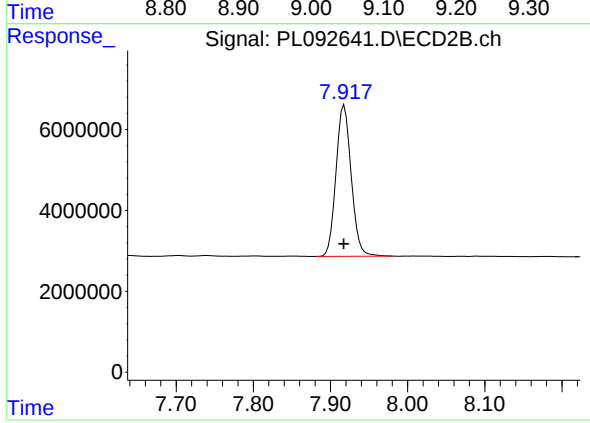
#28 Decachlorobiphenyl

R.T.: 9.057 min  
Delta R.T.: 0.002 min  
Response: 36667876  
Conc: 18.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164398BS

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.918 min  
Delta R.T.: 0.000 min  
Response: 51310327  
Conc: 19.47 ng/ml