

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102624\  
 Data File : PL092650.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 25 Oct 2024 19:49  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

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 22:15:24 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 | 2.779 | 133.6E6  | 153.6E6  | 49.591  | 55.304  |
| 2)                          | SA Decachlor... | 9.058 | 7.918 | 101.0E6  | 144.6E6  | 49.749  | 54.871  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.997 | 3.282 | 188.0E6  | 232.6E6  | 45.615  | 53.908  |
| 3)                          | MA gamma-BHC... | 4.330 | 3.612 | 179.8E6  | 225.5E6  | 46.752  | 54.766  |
| 4)                          | MA Heptachlor   | 4.918 | 3.951 | 159.9E6  | 215.3E6  | 45.094  | 53.611  |
| 5)                          | MB Aldrin       | 5.259 | 4.231 | 158.4E6  | 211.9E6  | 43.065m | 53.306  |
| 6)                          | B beta-BHC      | 4.527 | 3.912 | 77928665 | 92822663 | 50.201  | 53.164  |
| 7)                          | B delta-BHC     | 4.774 | 4.141 | 171.7E6  | 223.5E6  | 45.628  | 53.144  |
| 8)                          | B Heptachlo...  | 5.686 | 4.734 | 146.0E6  | 190.9E6  | 43.964  | 54.178  |
| 9)                          | A Endosulfan I  | 6.072 | 5.104 | 129.9E6  | 170.5E6  | 43.009  | 53.581  |
| 10)                         | B gamma-Chl...  | 5.942 | 4.984 | 138.7E6  | 191.6E6  | 42.064  | 52.070  |
| 11)                         | B alpha-Chl...  | 6.022 | 5.048 | 138.0E6  | 188.1E6  | 42.364  | 52.916  |
| 12)                         | B 4,4'-DDE      | 6.194 | 5.236 | 126.5E6  | 184.1E6  | 42.642  | 52.952  |
| 13)                         | MA Dieldrin     | 6.347 | 5.368 | 139.1E6  | 189.2E6  | 42.770  | 51.773  |
| 14)                         | MA Endrin       | 6.577 | 5.644 | 117.3E6  | 168.6E6  | 41.531  | 51.491  |
| 15)                         | B Endosulfa...  | 6.796 | 5.937 | 120.9E6  | 157.8E6  | 42.718  | 50.460m |
| 16)                         | A 4,4'-DDD      | 6.712 | 5.791 | 106.3E6  | 144.9E6  | 44.015  | 52.158  |
| 17)                         | MA 4,4'-DDT     | 7.026 | 6.041 | 106.5E6  | 145.3E6  | 43.182  | 49.476  |
| 18)                         | B Endrin al...  | 6.926 | 6.117 | 99242144 | 125.7E6  | 46.460  | 51.172  |
| 19)                         | B Endosulfa...  | 7.160 | 6.340 | 112.6E6  | 147.7E6  | 44.576  | 49.975  |
| 20)                         | A Methoxychlor  | 7.501 | 6.617 | 58501599 | 75962096 | 49.674  | 53.575  |
| 21)                         | B Endrin ke...  | 7.645 | 6.844 | 127.8E6  | 172.8E6  | 46.458  | 53.811m |
| 22)                         | Mirex           | 8.118 | 7.026 | 99554429 | 140.5E6  | 47.711  | 53.763  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102624\  
Data File : PL092650.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 25 Oct 2024 19:49  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

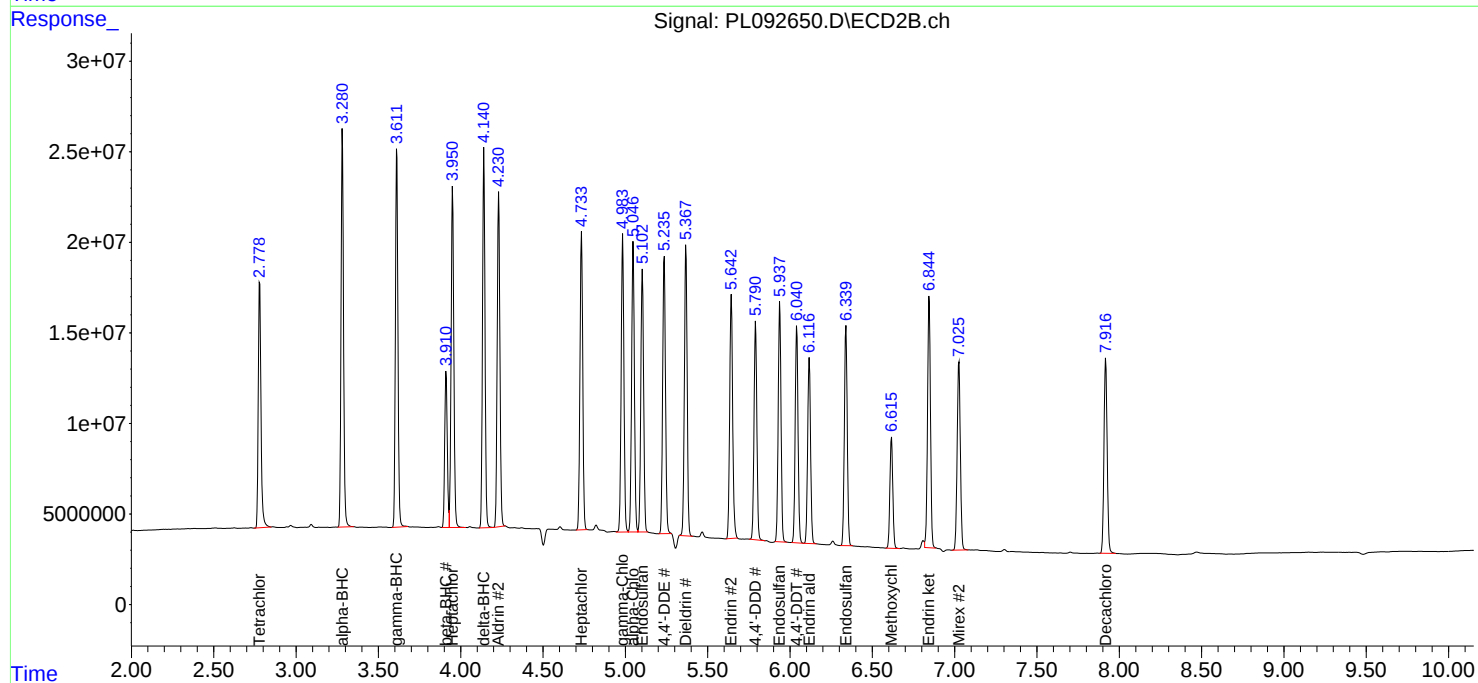
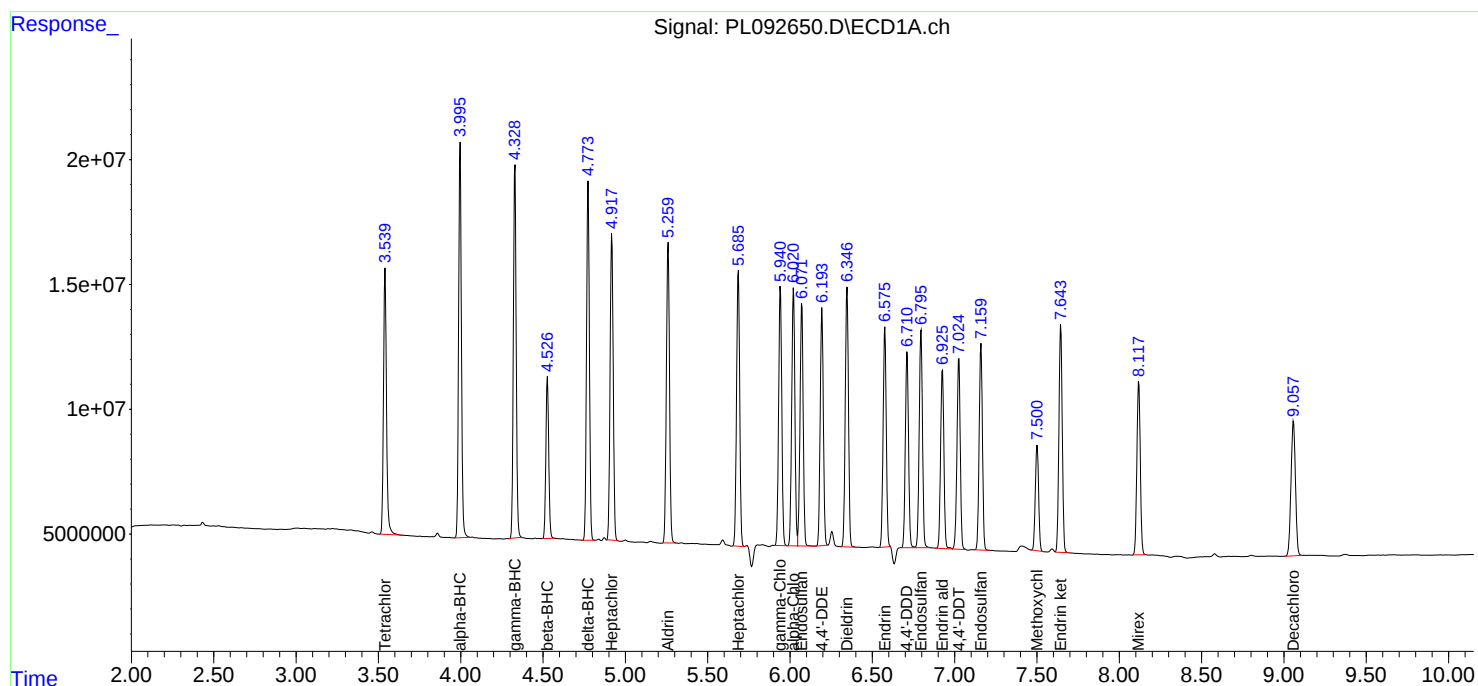
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

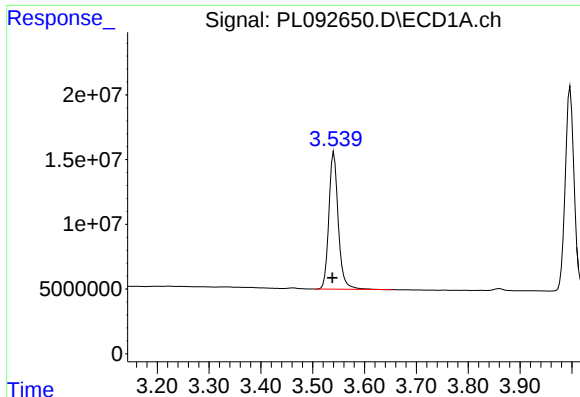
Manual Integrations  
APPROVED

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 22:15:24 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





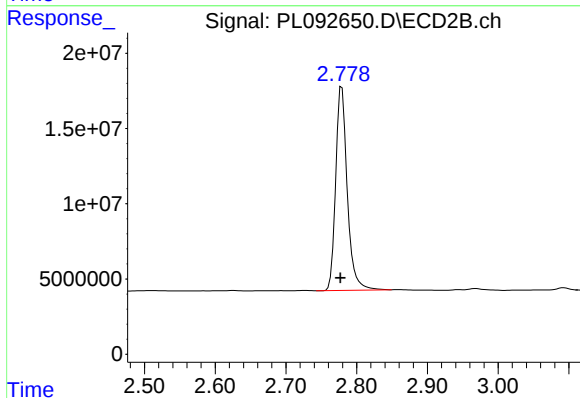
#1 Tetrachloro-m-xylene

R.T.: 3.541 min  
Delta R.T.: 0.003 min  
Response: 133589314  
Conc: 49.59 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

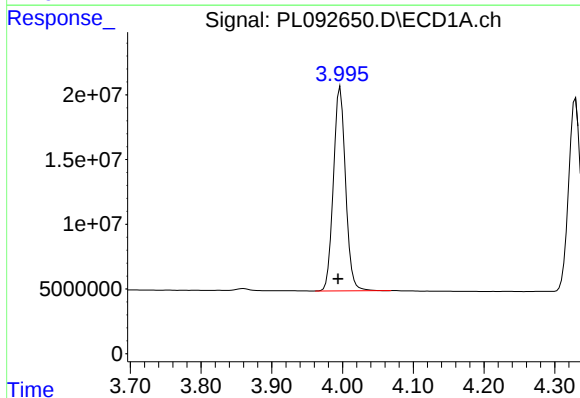
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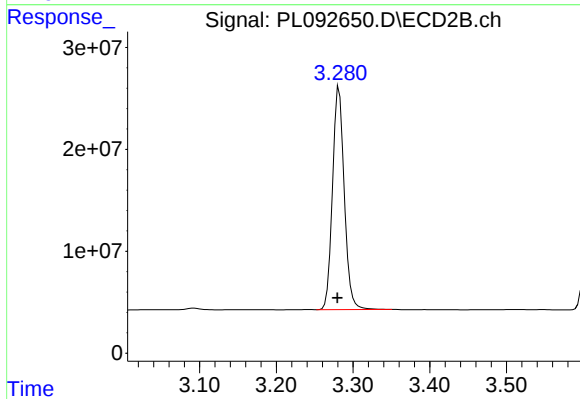
#1 Tetrachloro-m-xylene

R.T.: 2.779 min  
Delta R.T.: 0.002 min  
Response: 153602861  
Conc: 55.30 ng/ml



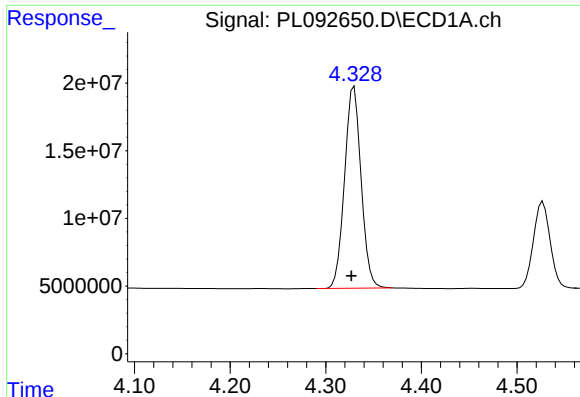
#2 alpha-BHC

R.T.: 3.997 min  
Delta R.T.: 0.003 min  
Response: 187992260  
Conc: 45.62 ng/ml



#2 alpha-BHC

R.T.: 3.282 min  
Delta R.T.: 0.002 min  
Response: 232618059  
Conc: 53.91 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.330 min  
Delta R.T.: 0.003 min  
Response: 179843396  
Conc: 46.75 ng/ml

Instrument :

ECD\_L

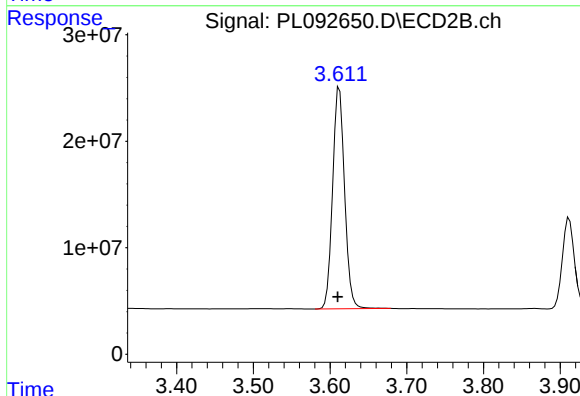
ClientSampleId :

PSTDCCC050

Manual Integrations

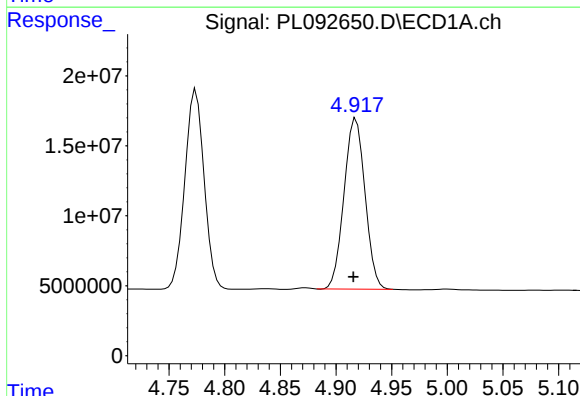
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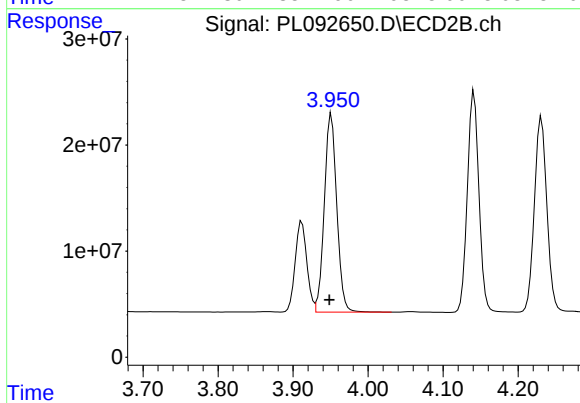
#3 gamma-BHC (Lindane)

R.T.: 3.612 min  
Delta R.T.: 0.002 min  
Response: 225526314  
Conc: 54.77 ng/ml



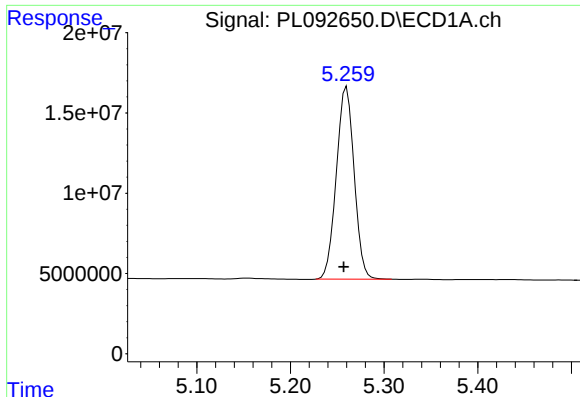
#4 Heptachlor

R.T.: 4.918 min  
Delta R.T.: 0.003 min  
Response: 159891010  
Conc: 45.09 ng/ml



#4 Heptachlor

R.T.: 3.951 min  
Delta R.T.: 0.002 min  
Response: 215289646  
Conc: 53.61 ng/ml



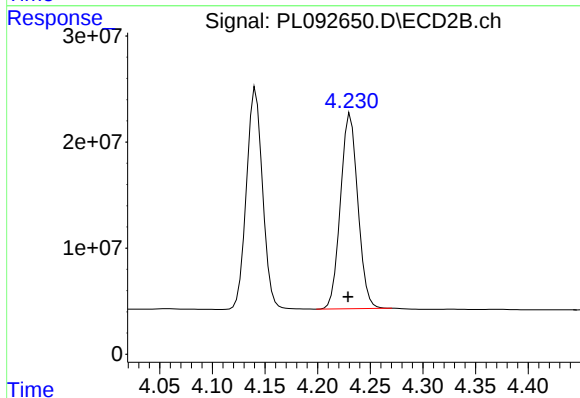
#5 Aldrin

R.T.: 5.259 min  
Delta R.T.: 0.002 min  
Response: 158422097  
Conc: 43.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

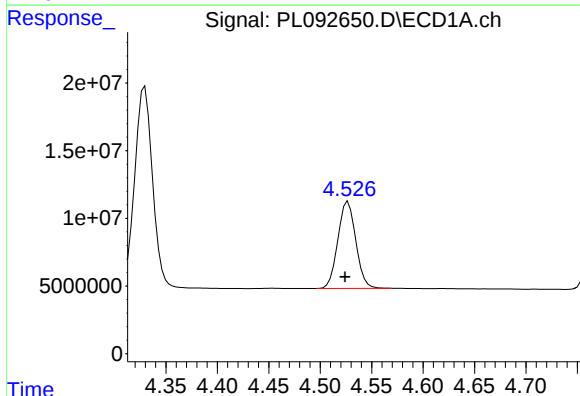
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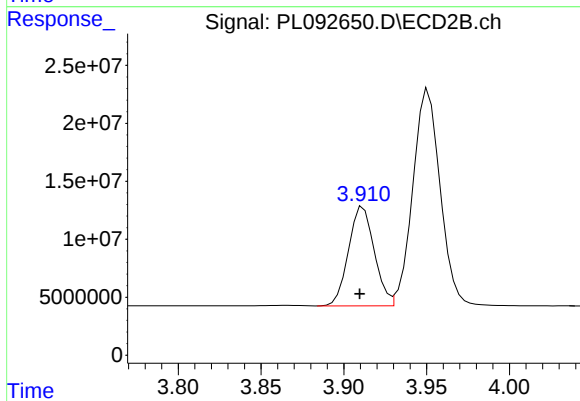
#5 Aldrin

R.T.: 4.231 min  
Delta R.T.: 0.002 min  
Response: 211917328  
Conc: 53.31 ng/ml



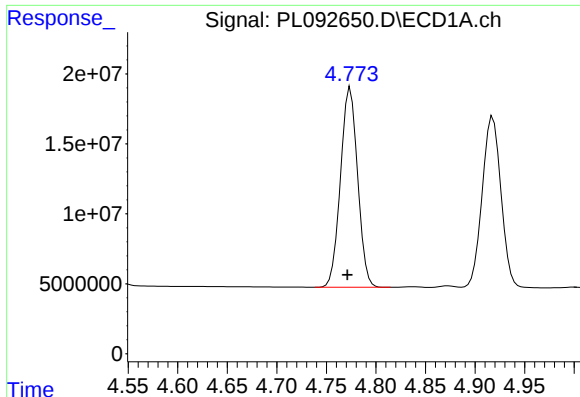
#6 beta-BHC

R.T.: 4.527 min  
Delta R.T.: 0.003 min  
Response: 77928665  
Conc: 50.20 ng/ml



#6 beta-BHC

R.T.: 3.912 min  
Delta R.T.: 0.002 min  
Response: 92822663  
Conc: 53.16 ng/ml



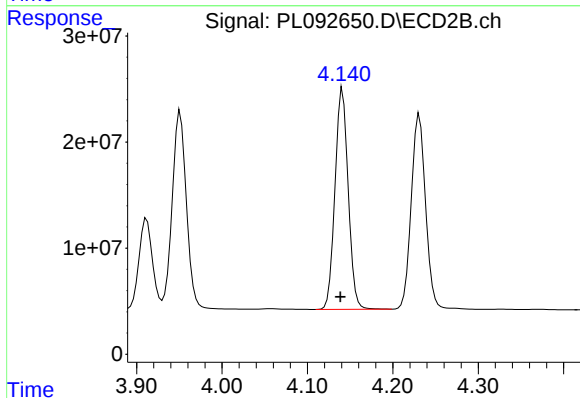
#7 delta-BHC

R.T.: 4.774 min  
Delta R.T.: 0.003 min  
Response: 171653705  
Conc: 45.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

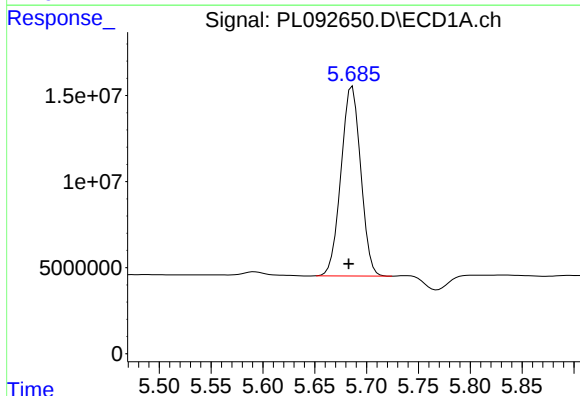
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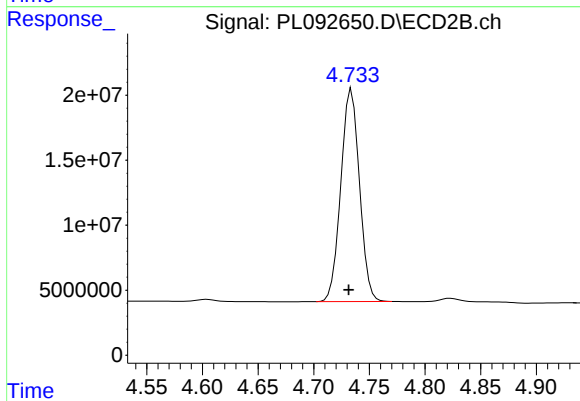
#7 delta-BHC

R.T.: 4.141 min  
Delta R.T.: 0.003 min  
Response: 223537538  
Conc: 53.14 ng/ml



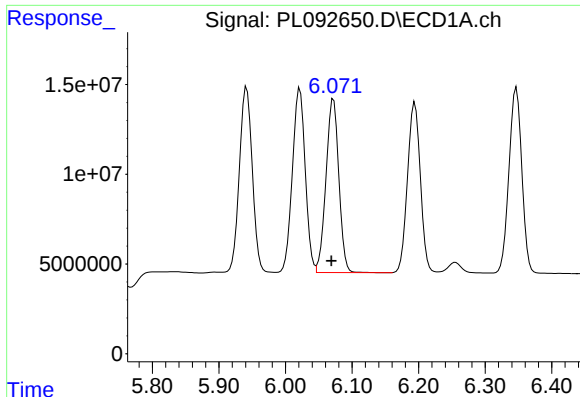
#8 Heptachlor epoxide

R.T.: 5.686 min  
Delta R.T.: 0.004 min  
Response: 145991402  
Conc: 43.96 ng/ml



#8 Heptachlor epoxide

R.T.: 4.734 min  
Delta R.T.: 0.003 min  
Response: 190897018  
Conc: 54.18 ng/ml



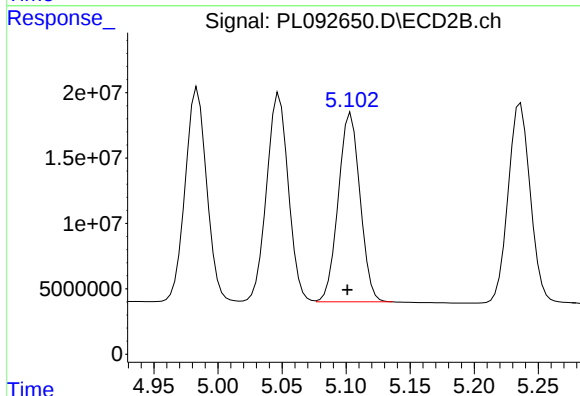
#9 Endosulfan I

R.T.: 6.072 min  
Delta R.T.: 0.003 min  
Response: 129861837  
Conc: 43.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

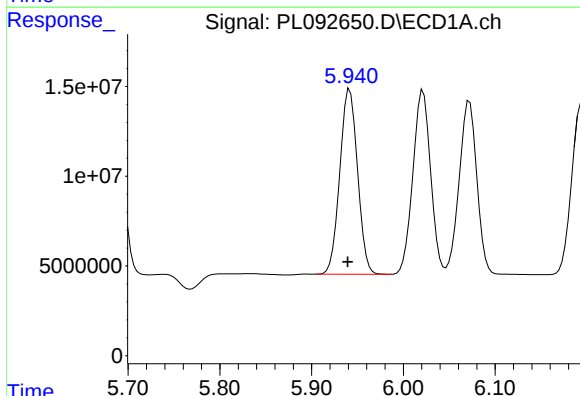
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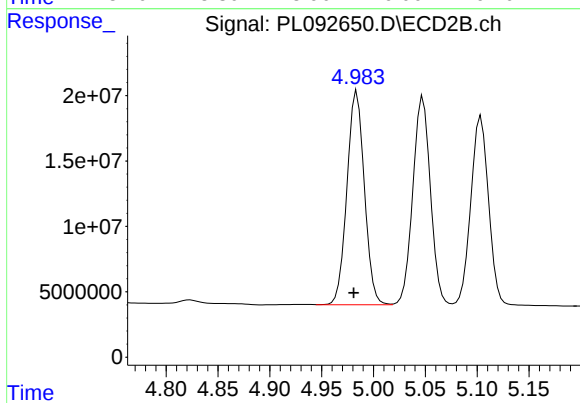
#9 Endosulfan I

R.T.: 5.104 min  
Delta R.T.: 0.003 min  
Response: 170549284  
Conc: 53.58 ng/ml



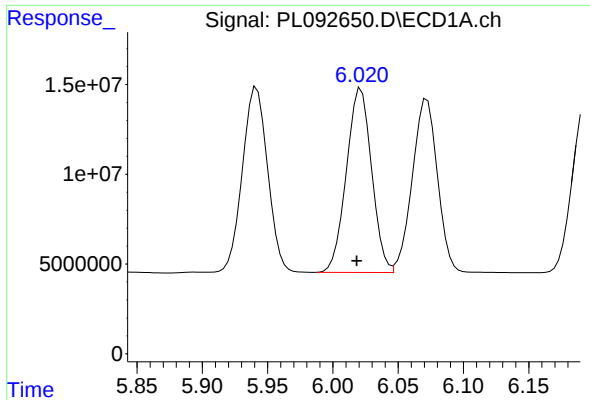
#10 gamma-Chlordane

R.T.: 5.942 min  
Delta R.T.: 0.002 min  
Response: 138684473  
Conc: 42.06 ng/ml



#10 gamma-Chlordane

R.T.: 4.984 min  
Delta R.T.: 0.003 min  
Response: 191575832  
Conc: 52.07 ng/ml



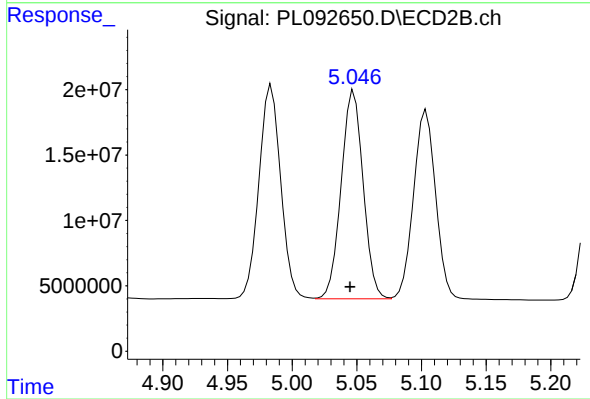
#11 alpha-Chlordane

R.T.: 6.022 min  
Delta R.T.: 0.003 min  
Response: 137952860  
Conc: 42.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

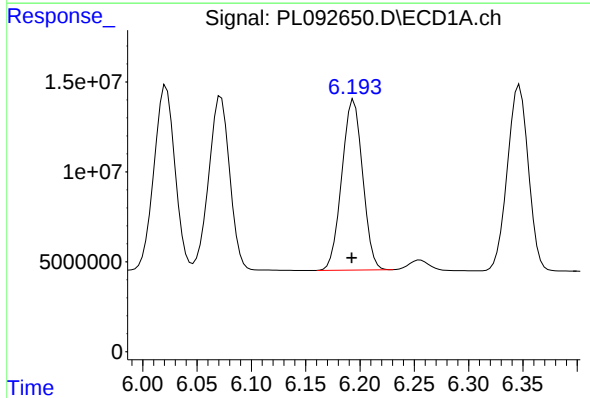
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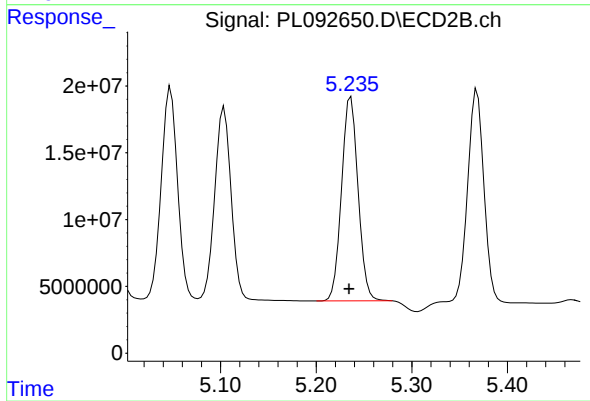
#11 alpha-Chlordane

R.T.: 5.048 min  
Delta R.T.: 0.003 min  
Response: 188066012  
Conc: 52.92 ng/ml



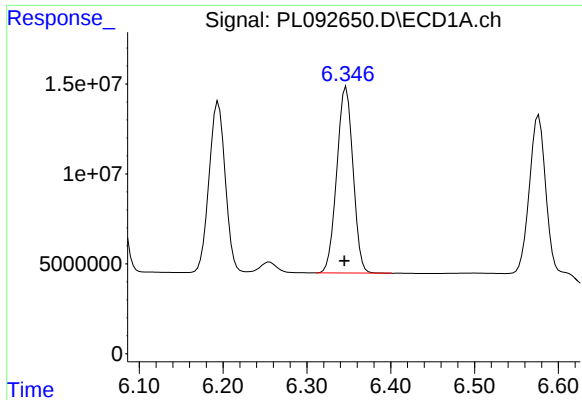
#12 4,4'-DDE

R.T.: 6.194 min  
Delta R.T.: 0.002 min  
Response: 126471777  
Conc: 42.64 ng/ml



#12 4,4'-DDE

R.T.: 5.236 min  
Delta R.T.: 0.002 min  
Response: 184132788  
Conc: 52.95 ng/ml



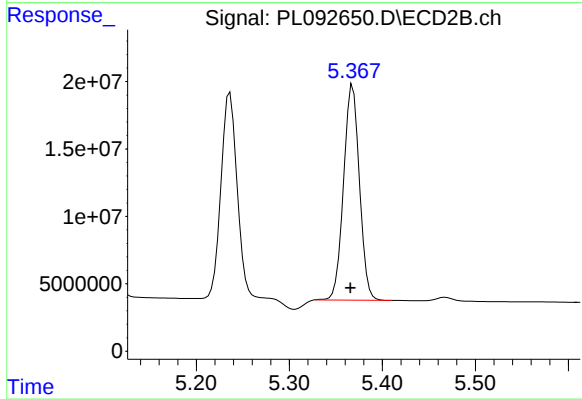
#13 Dieldrin

R.T.: 6.347 min  
Delta R.T.: 0.002 min  
Response: 139081806  
Conc: 42.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

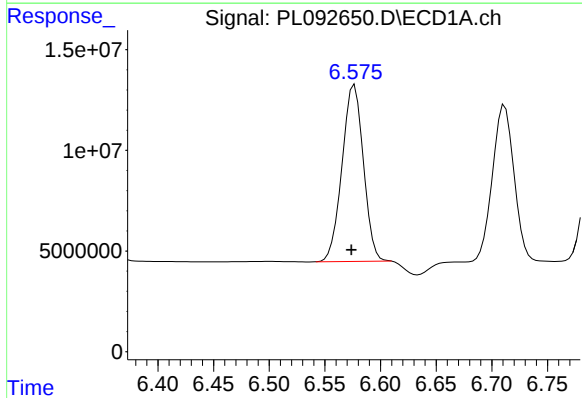
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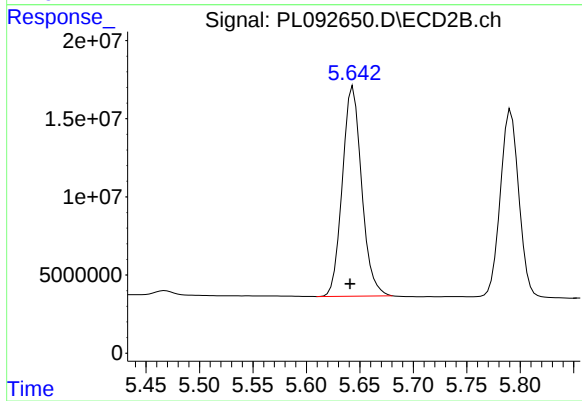
#13 Dieldrin

R.T.: 5.368 min  
Delta R.T.: 0.003 min  
Response: 189197106  
Conc: 51.77 ng/ml



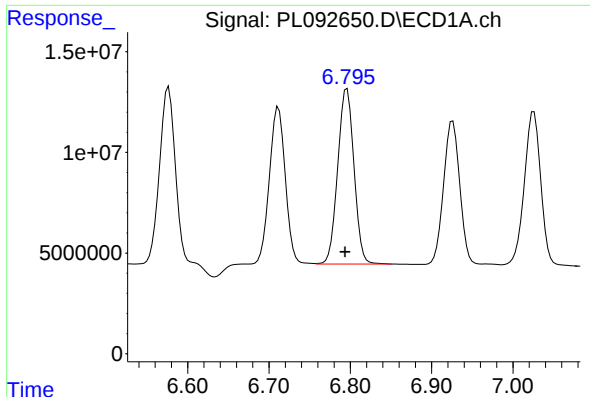
#14 Endrin

R.T.: 6.577 min  
Delta R.T.: 0.003 min  
Response: 117271861  
Conc: 41.53 ng/ml



#14 Endrin

R.T.: 5.644 min  
Delta R.T.: 0.003 min  
Response: 168627370  
Conc: 51.49 ng/ml



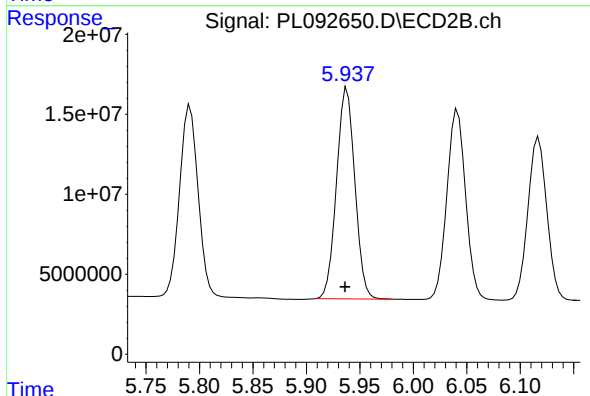
#15 Endosulfan II

R.T.: 6.796 min  
Delta R.T.: 0.002 min  
Response: 120883507  
Conc: 42.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

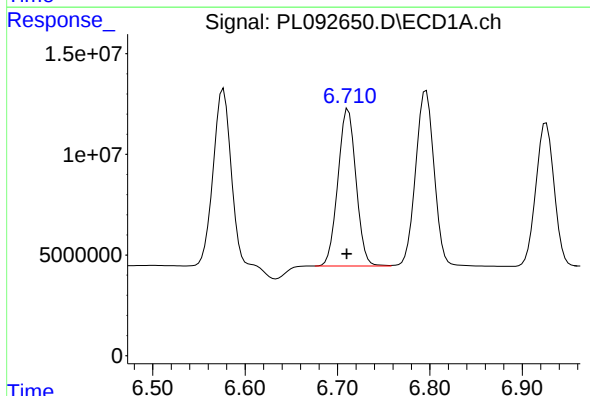
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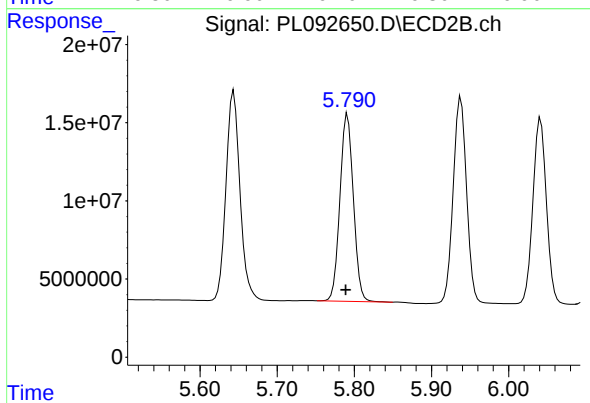
#15 Endosulfan II

R.T.: 5.937 min  
Delta R.T.: 0.000 min  
Response: 157750385  
Conc: 50.46 ng/ml m



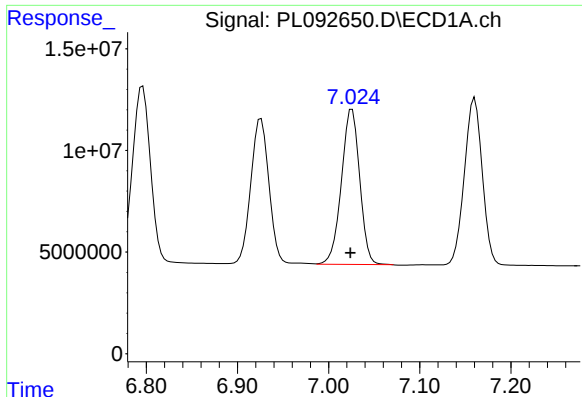
#16 4,4'-DDD

R.T.: 6.712 min  
Delta R.T.: 0.002 min  
Response: 106337756  
Conc: 44.01 ng/ml



#16 4,4'-DDD

R.T.: 5.791 min  
Delta R.T.: 0.002 min  
Response: 144907967  
Conc: 52.16 ng/ml



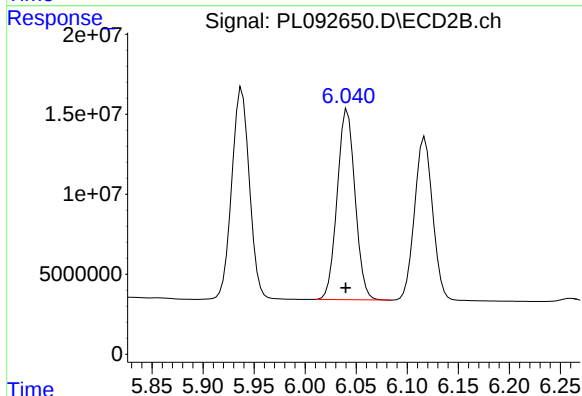
#17 4,4'-DDT

R.T.: 7.026 min  
Delta R.T.: 0.002 min  
Response: 106488799  
Conc: 43.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

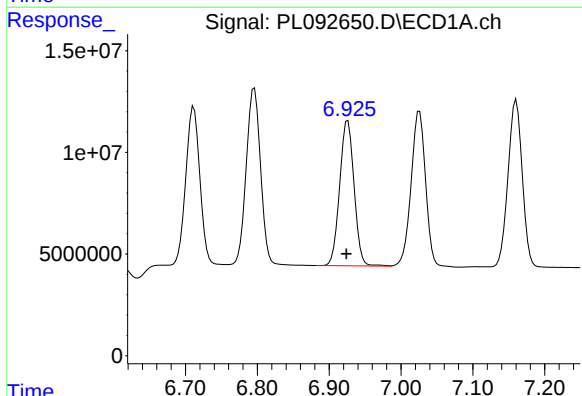
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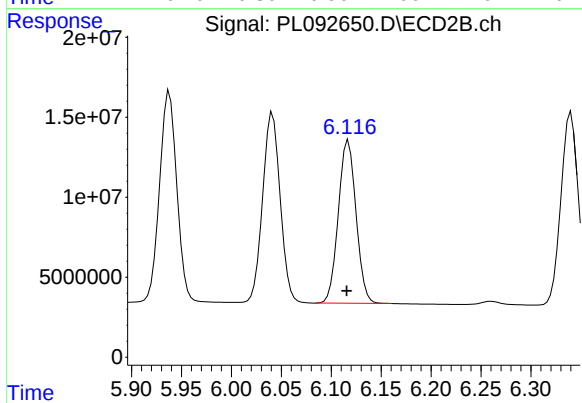
#17 4,4'-DDT

R.T.: 6.041 min  
Delta R.T.: 0.002 min  
Response: 145307449  
Conc: 49.48 ng/ml



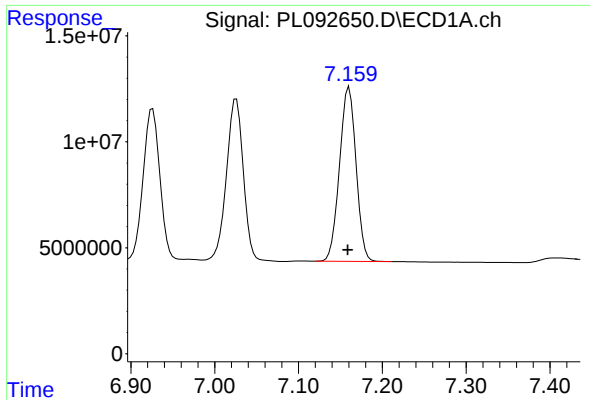
#18 Endrin aldehyde

R.T.: 6.926 min  
Delta R.T.: 0.002 min  
Response: 99242144  
Conc: 46.46 ng/ml



#18 Endrin aldehyde

R.T.: 6.117 min  
Delta R.T.: 0.002 min  
Response: 125705877  
Conc: 51.17 ng/ml



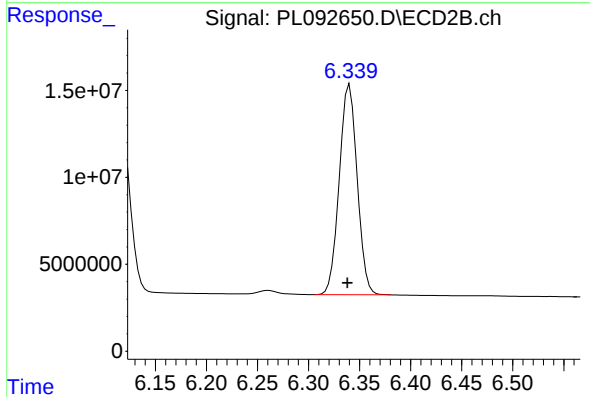
#19 Endosulfan Sulfate

R.T.: 7.160 min  
Delta R.T.: 0.002 min  
Response: 112628480  
Conc: 44.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

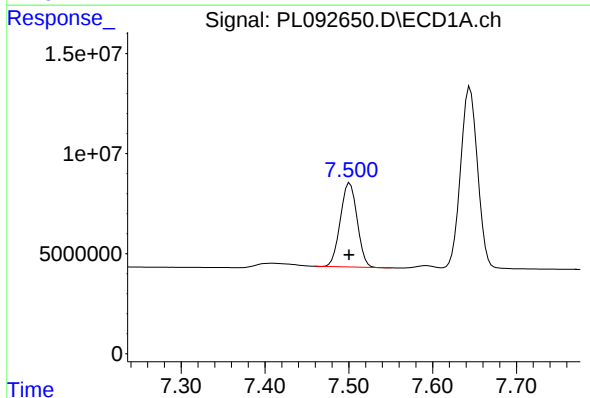
Manual Integrations  
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Supervised By :Ankita Jodhani 10/28/2024



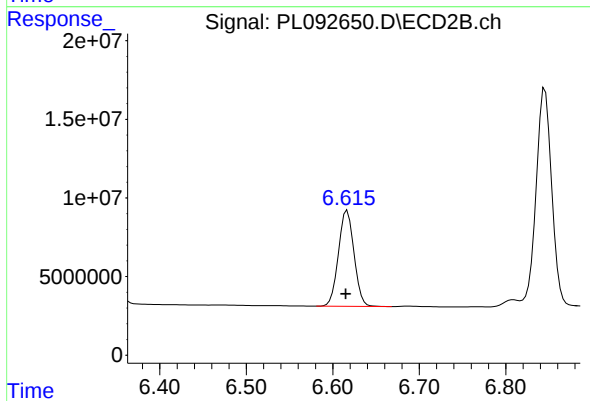
#19 Endosulfan Sulfate

R.T.: 6.340 min  
Delta R.T.: 0.002 min  
Response: 147740975  
Conc: 49.98 ng/ml



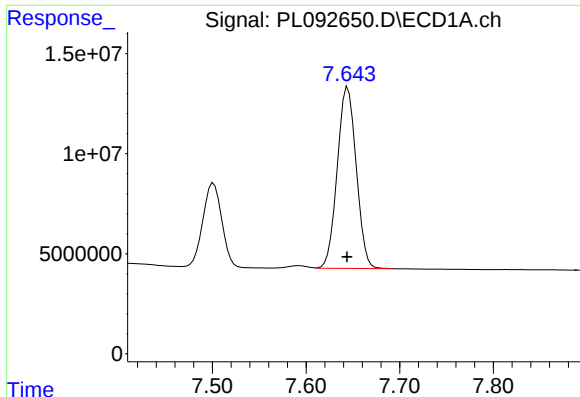
#20 Methoxychlor

R.T.: 7.501 min  
Delta R.T.: 0.001 min  
Response: 58501599  
Conc: 49.67 ng/ml



#20 Methoxychlor

R.T.: 6.617 min  
Delta R.T.: 0.002 min  
Response: 75962096  
Conc: 53.57 ng/ml



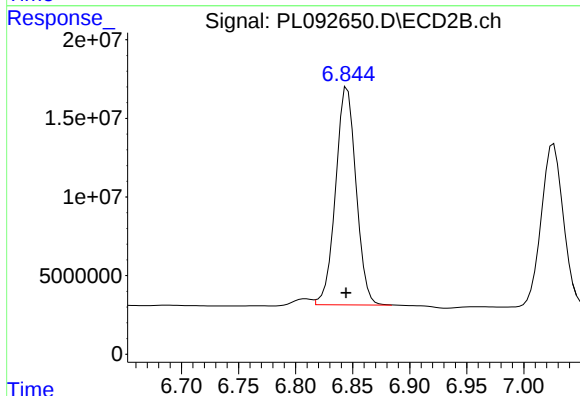
#21 Endrin ketone

R.T.: 7.645 min  
Delta R.T.: 0.000 min  
Response: 127750479  
Conc: 46.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

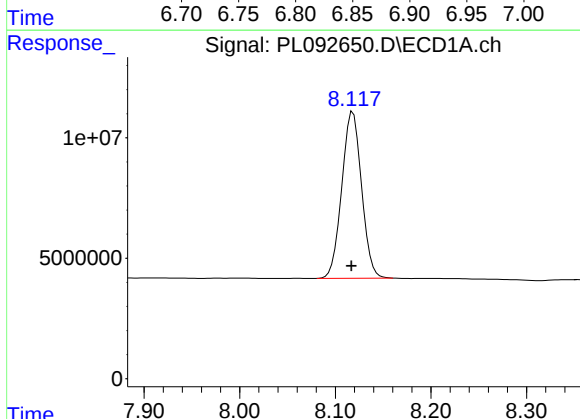
Manual Integrations  
APPROVED

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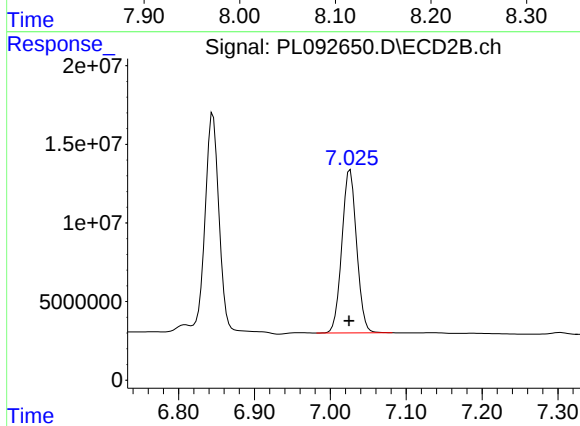
#21 Endrin ketone

R.T.: 6.844 min  
Delta R.T.: 0.000 min  
Response: 172847881  
Conc: 53.81 ng/ml m



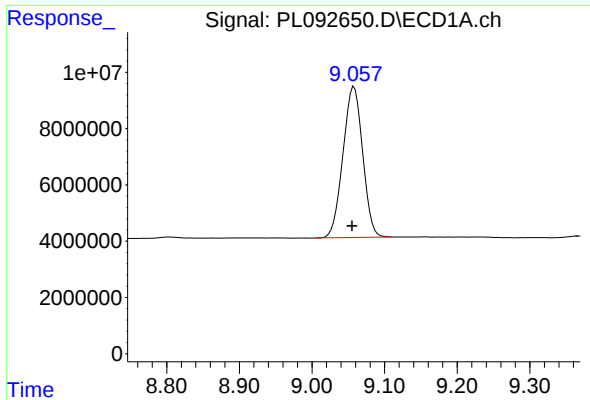
#22 Mirex

R.T.: 8.118 min  
Delta R.T.: 0.002 min  
Response: 99554429  
Conc: 47.71 ng/ml



#22 Mirex

R.T.: 7.026 min  
Delta R.T.: 0.001 min  
Response: 140510926  
Conc: 53.76 ng/ml



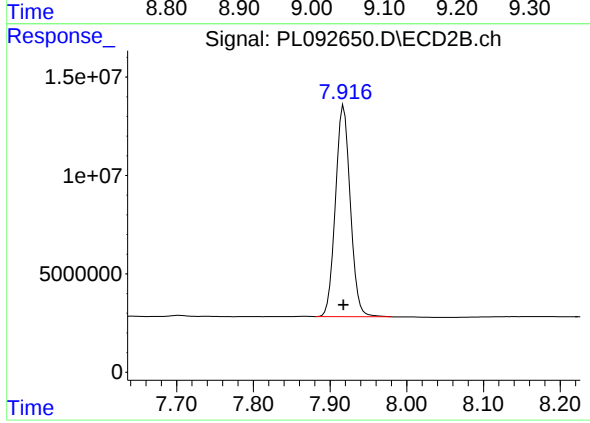
#28 Decachlorobiphenyl

R.T.: 9.058 min  
Delta R.T.: 0.003 min  
Response: 101047407  
Conc: 49.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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Supervised By :Ankita Jodhani 10/28/2024



#28 Decachlorobiphenyl

R.T.: 7.918 min  
Delta R.T.: 0.000 min  
Response: 144582724  
Conc: 54.87 ng/ml