

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL103124\  
 Data File : PL092772.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 Oct 2024 19:15  
 Operator : AR\AJ  
 Sample : PB164557BS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB164557BS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 11/01/2024  
 Supervised By :Ankita Jodhani 11/04/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Nov 01 02:51:12 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Oct 28 18:58:23 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 | 2.778 | 48688395 | 51229428 | 19.871  | 18.826 |
| 28)                         | SA Decachlor... | 9.058 | 7.918 | 41144687 | 59033501 | 21.379  | 21.630 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.998 | 3.281 | 174.2E6  | 212.5E6  | 51.361  | 53.254 |
| 3)                          | MA gamma-BHC... | 4.331 | 3.611 | 165.2E6  | 204.2E6  | 50.693  | 52.897 |
| 4)                          | MA Heptachlor   | 4.918 | 3.950 | 160.1E6  | 208.1E6  | 53.320m | 55.135 |
| 5)                          | MB Aldrin       | 5.260 | 4.230 | 152.0E6  | 196.7E6  | 50.655m | 53.727 |
| 6)                          | B beta-BHC      | 4.528 | 3.911 | 76265293 | 89300894 | 52.762  | 54.245 |
| 7)                          | B delta-BHC     | 4.775 | 4.140 | 144.1E6  | 181.2E6  | 46.037  | 47.158 |
| 8)                          | B Heptachlo...  | 5.687 | 4.733 | 141.3E6  | 185.3E6  | 51.187  | 55.443 |
| 9)                          | A Endosulfan I  | 6.072 | 5.103 | 131.5E6  | 173.8E6  | 52.565  | 56.918 |
| 10)                         | B gamma-Chl...  | 5.943 | 4.983 | 142.0E6  | 191.0E6  | 53.366  | 56.812 |
| 11)                         | B alpha-Chl...  | 6.022 | 5.046 | 140.6E6  | 188.1E6  | 53.098  | 56.556 |
| 12)                         | B 4,4'-DDE      | 6.195 | 5.235 | 127.7E6  | 184.1E6  | 53.906  | 57.151 |
| 13)                         | MA Dieldrin     | 6.348 | 5.367 | 139.1E6  | 190.0E6  | 52.764  | 56.881 |
| 14)                         | MA Endrin       | 6.577 | 5.642 | 108.6E6  | 158.4E6  | 47.715  | 54.744 |
| 15)                         | B Endosulfa...  | 6.797 | 5.937 | 124.3E6  | 163.8E6  | 52.154  | 57.818 |
| 16)                         | A 4,4'-DDD      | 6.712 | 5.790 | 107.6E6  | 149.3E6  | 56.065  | 59.951 |
| 17)                         | MA 4,4'-DDT     | 7.026 | 6.041 | 110.0E6  | 148.3E6  | 53.158  | 55.300 |
| 18)                         | B Endrin al...  | 6.927 | 6.117 | 98126196 | 127.3E6  | 52.251  | 55.181 |
| 19)                         | B Endosulfa...  | 7.161 | 6.340 | 112.6E6  | 151.4E6  | 51.873  | 56.142 |
| 20)                         | A Methoxychlor  | 7.502 | 6.616 | 57414138 | 75697028 | 50.363  | 53.008 |
| 21)                         | B Endrin ke...  | 7.646 | 6.845 | 130.1E6  | 180.9E6  | 53.683  | 58.940 |
| 22)                         | Mirex           | 8.119 | 7.026 | 90346530 | 125.4E6  | 45.590  | 48.073 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL103124\  
Data File : PL092772.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 Oct 2024 19:15  
Operator : AR\AJ  
Sample : PB164557BS  
Misc :  
ALS Vial : 18 Sample Multiplier: 1

## Instrument :

ECD\_L

ClientSampleId :

PB164557BS

## Manual Integrations

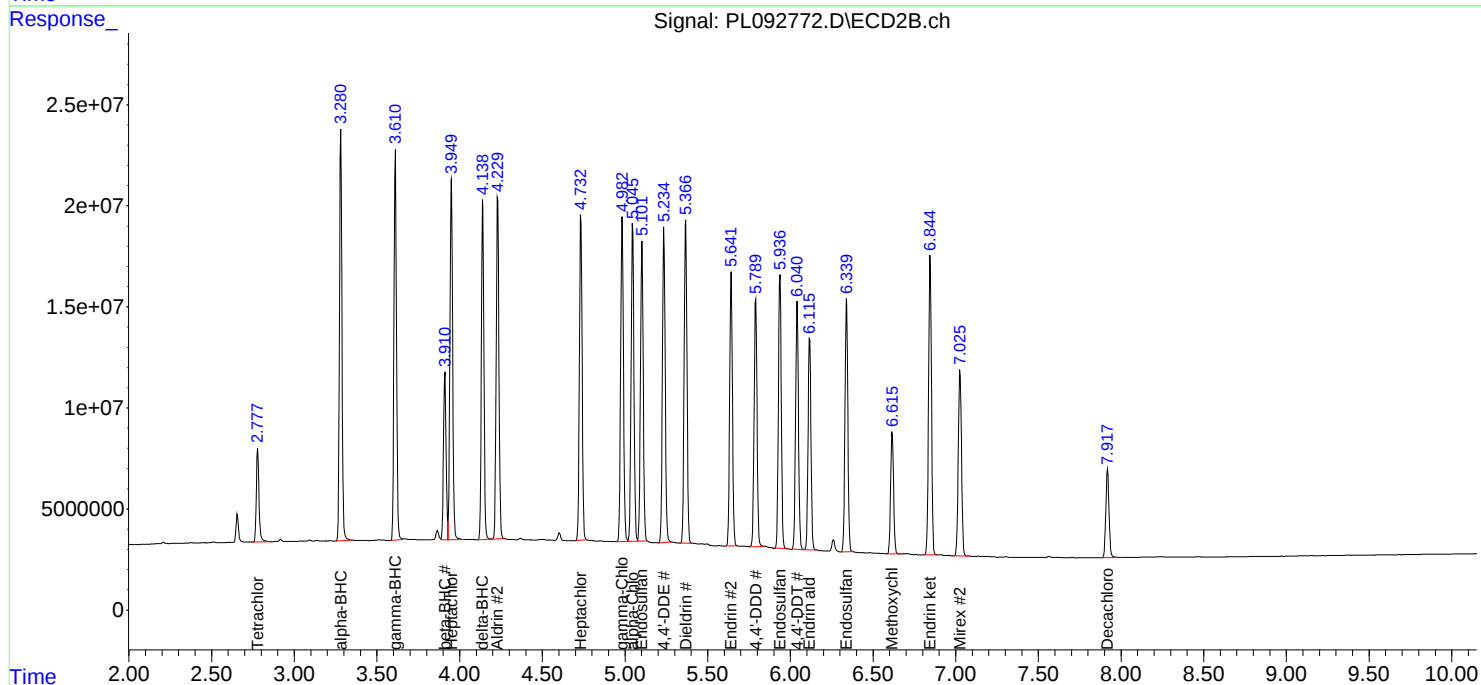
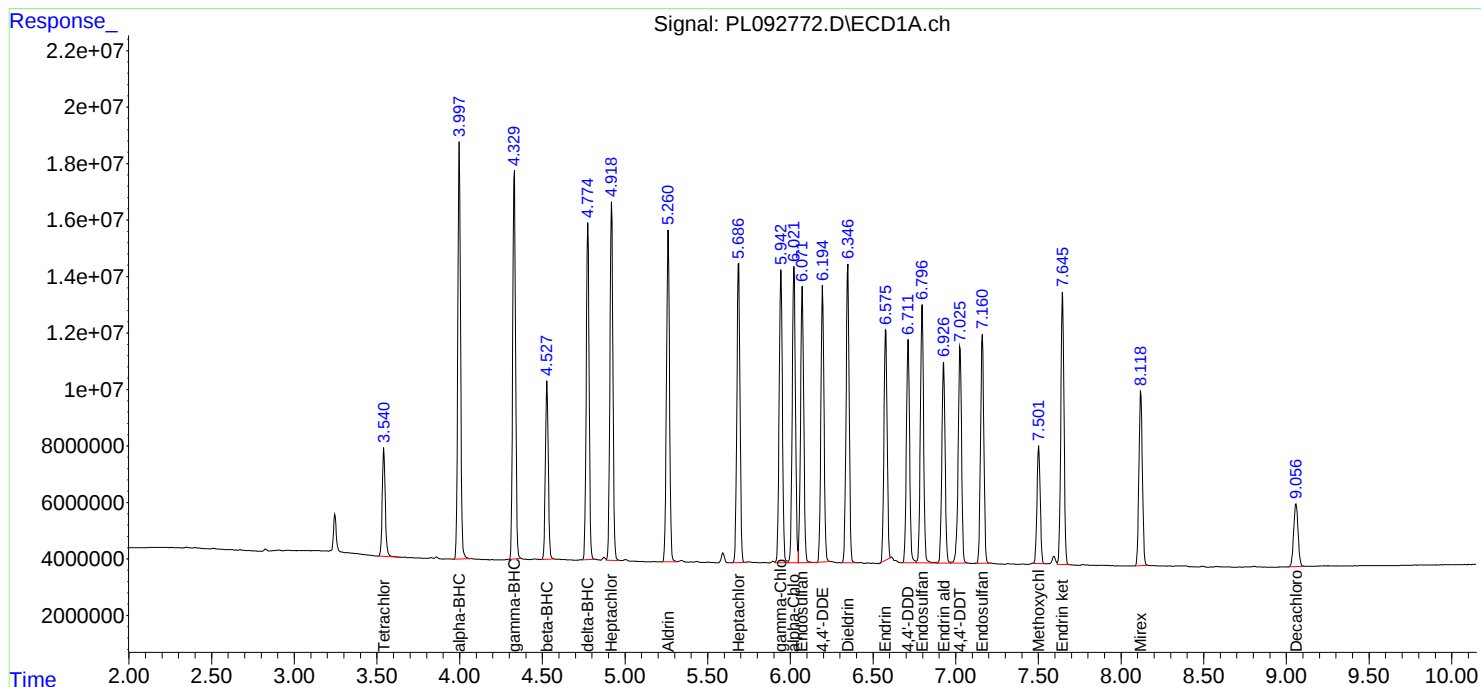
APPROVED

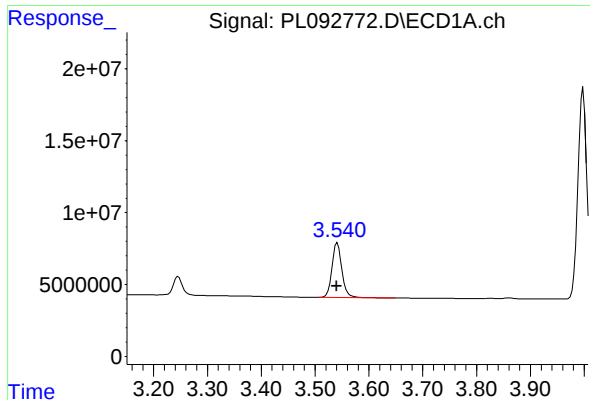
Reviewed By :Abdul Mirza 11/01/2024

Supervised By :Ankita Jodhani 11/04/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Nov 01 02:51:12 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL102824.M  
Quant Title : GC Extractables  
QLast Update : Mon Oct 28 18:58:23 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





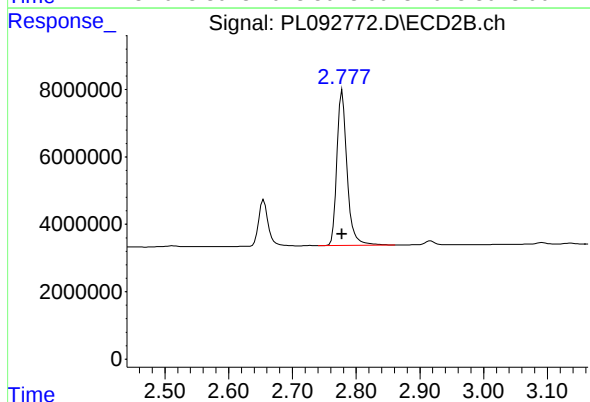
#1 Tetrachloro-m-xylene

R.T.: 3.541 min  
Delta R.T.: 0.001 min  
Response: 48688395  
Conc: 19.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164557BS

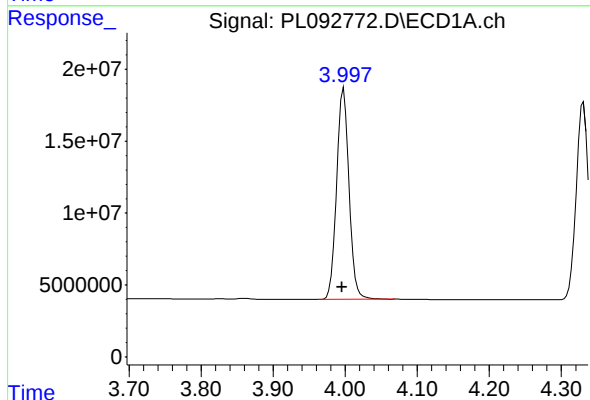
Manual Integrations  
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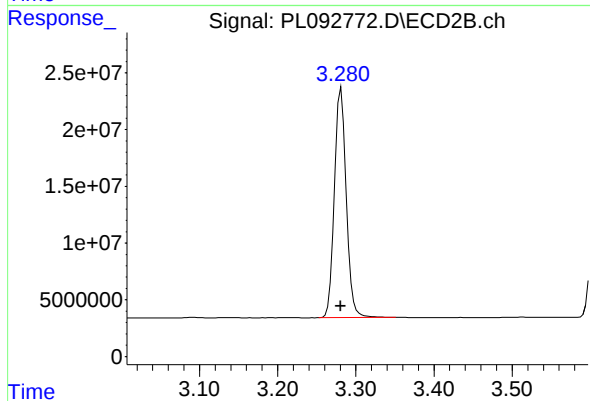
#1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.000 min  
Response: 51229428  
Conc: 18.83 ng/ml



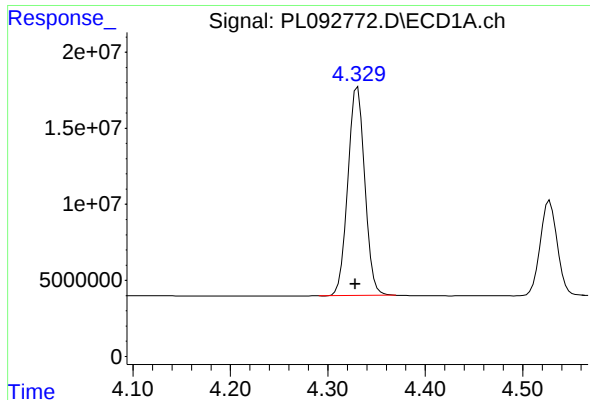
#2 alpha-BHC

R.T.: 3.998 min  
Delta R.T.: 0.002 min  
Response: 174194466  
Conc: 51.36 ng/ml



#2 alpha-BHC

R.T.: 3.281 min  
Delta R.T.: 0.000 min  
Response: 212493237  
Conc: 53.25 ng/ml



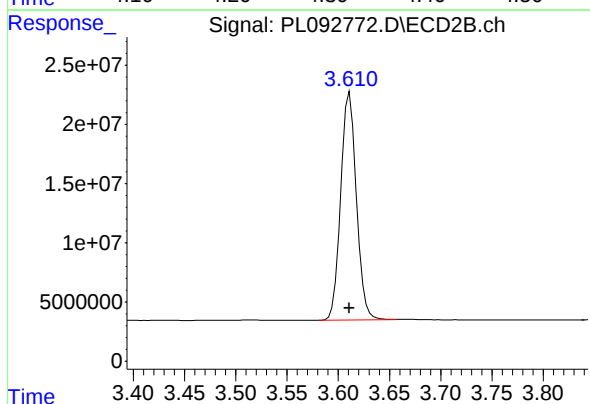
#3 gamma-BHC (Lindane)

R.T.: 4.331 min  
Delta R.T.: 0.002 min  
Response: 165237327  
Conc: 50.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164557BS

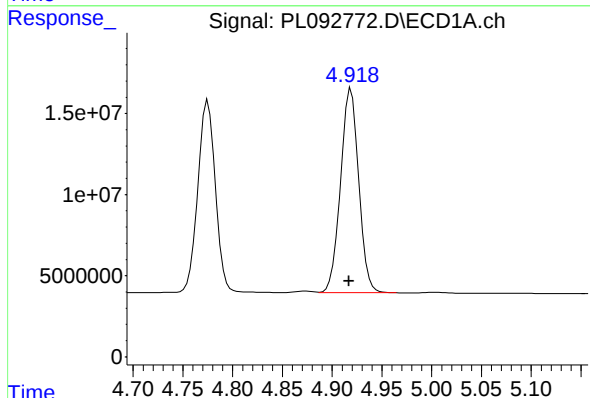
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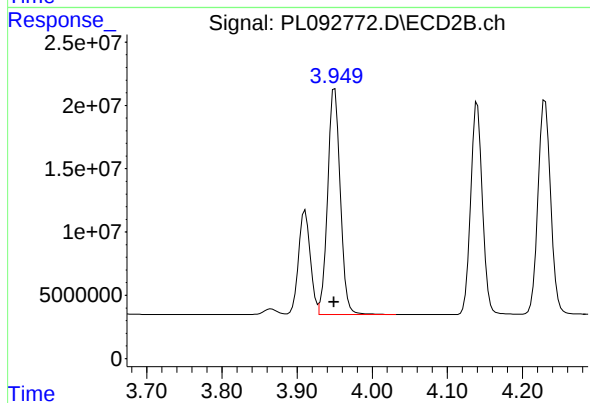
#3 gamma-BHC (Lindane)

R.T.: 3.611 min  
Delta R.T.: 0.000 min  
Response: 204155031  
Conc: 52.90 ng/ml



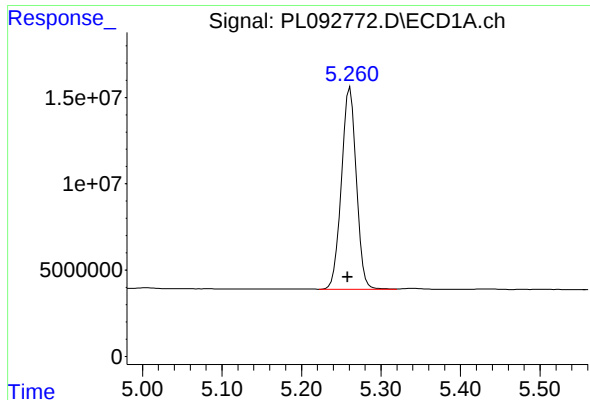
#4 Heptachlor

R.T.: 4.918 min  
Delta R.T.: 0.001 min  
Response: 160125132  
Conc: 53.32 ng/ml m



#4 Heptachlor

R.T.: 3.950 min  
Delta R.T.: 0.000 min  
Response: 208074329  
Conc: 55.13 ng/ml



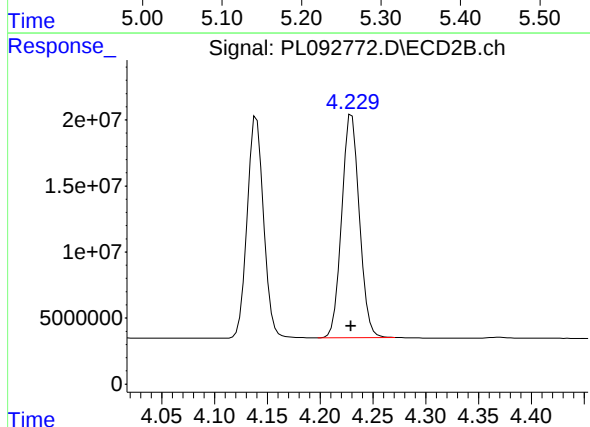
#5 Aldrin

R.T.: 5.260 min  
Delta R.T.: 0.002 min  
Response: 152040663  
Conc: 50.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164557BS

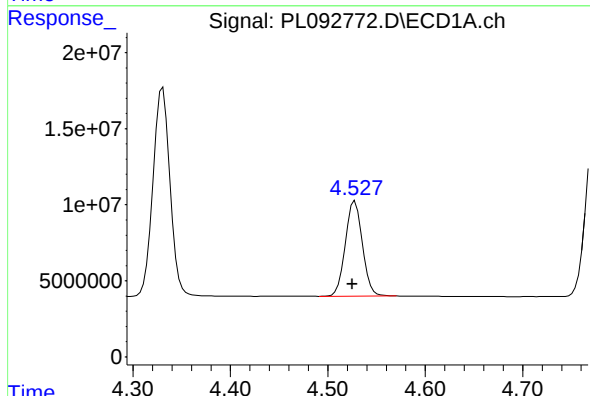
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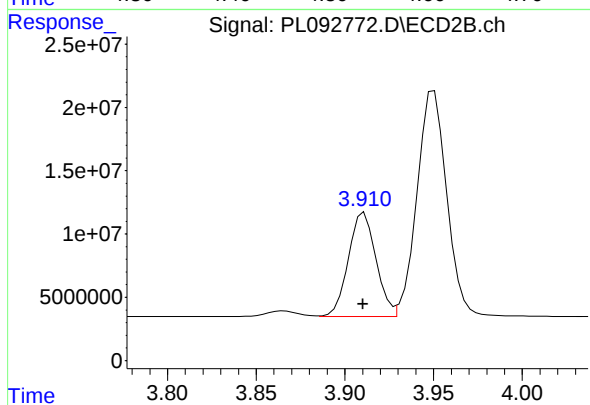
#5 Aldrin

R.T.: 4.230 min  
Delta R.T.: 0.000 min  
Response: 196652395  
Conc: 53.73 ng/ml



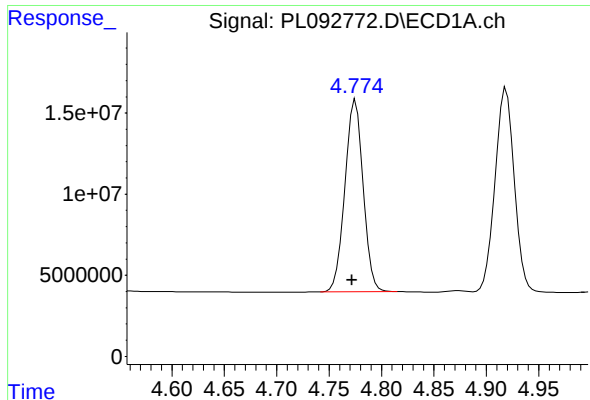
#6 beta-BHC

R.T.: 4.528 min  
Delta R.T.: 0.003 min  
Response: 76265293  
Conc: 52.76 ng/ml



#6 beta-BHC

R.T.: 3.911 min  
Delta R.T.: 0.000 min  
Response: 89300894  
Conc: 54.25 ng/ml



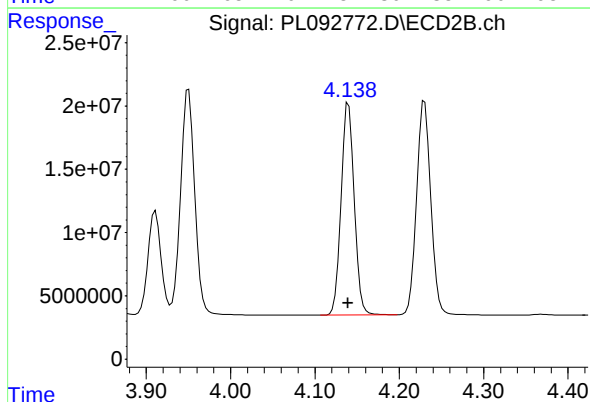
#7 delta-BHC

R.T.: 4.775 min  
Delta R.T.: 0.003 min  
Response: 144091187  
Conc: 46.04 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164557BS

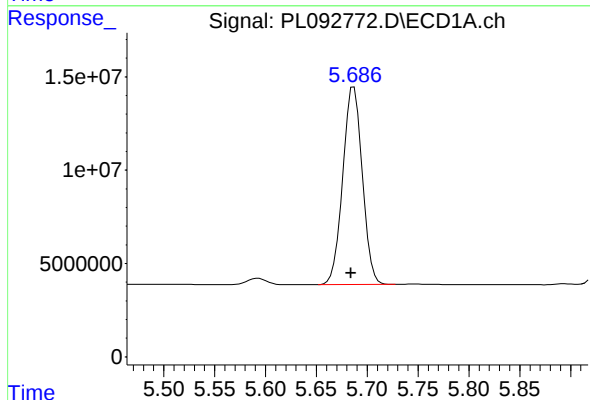
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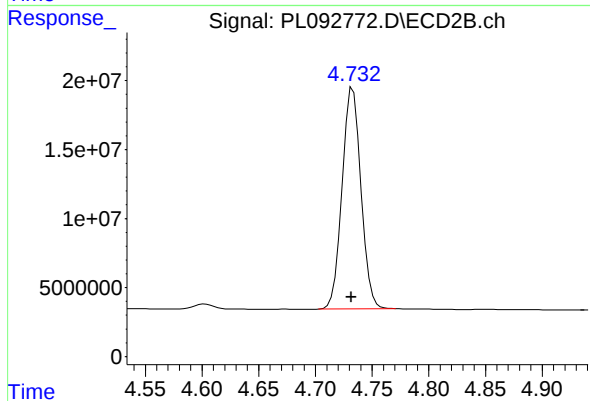
#7 delta-BHC

R.T.: 4.140 min  
Delta R.T.: 0.000 min  
Response: 181233677  
Conc: 47.16 ng/ml



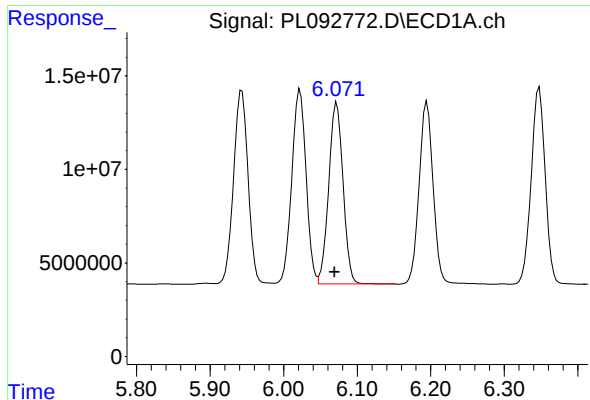
#8 Heptachlor epoxide

R.T.: 5.687 min  
Delta R.T.: 0.003 min  
Response: 141347524  
Conc: 51.19 ng/ml



#8 Heptachlor epoxide

R.T.: 4.733 min  
Delta R.T.: 0.002 min  
Response: 185256311  
Conc: 55.44 ng/ml



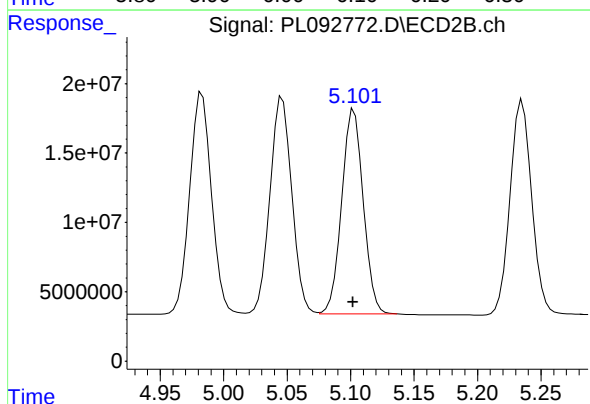
#9 Endosulfan I

R.T.: 6.072 min  
Delta R.T.: 0.003 min  
Response: 131484020  
Conc: 52.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164557BS

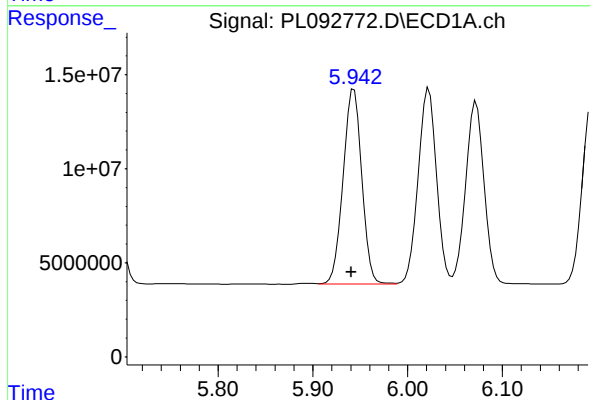
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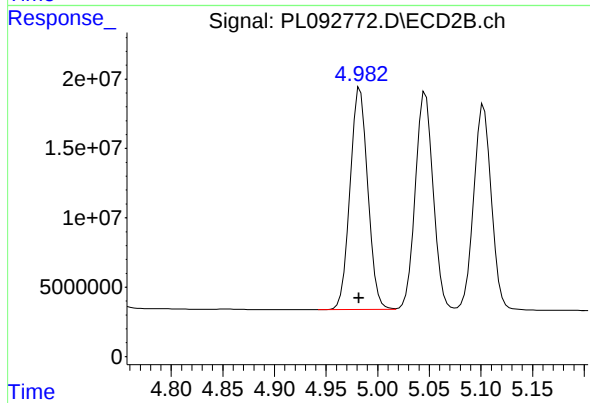
#9 Endosulfan I

R.T.: 5.103 min  
Delta R.T.: 0.001 min  
Response: 173779268  
Conc: 56.92 ng/ml



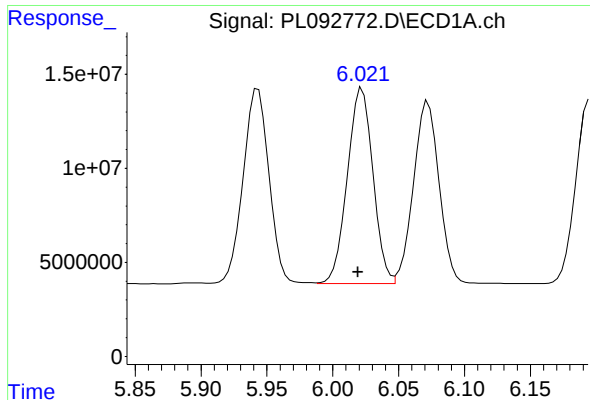
#10 gamma-Chlordane

R.T.: 5.943 min  
Delta R.T.: 0.003 min  
Response: 141987365  
Conc: 53.37 ng/ml



#10 gamma-Chlordane

R.T.: 4.983 min  
Delta R.T.: 0.001 min  
Response: 190984787  
Conc: 56.81 ng/ml



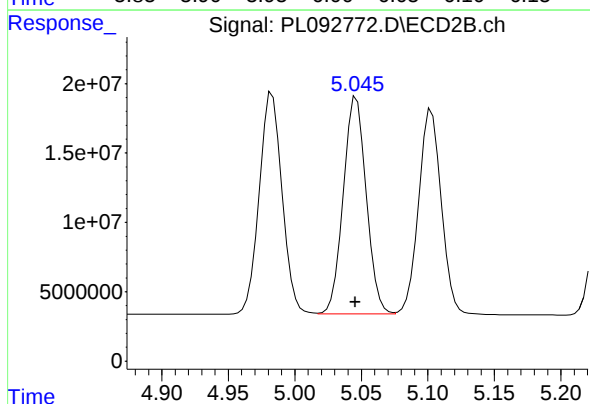
#11 alpha-Chlordane

R.T.: 6.022 min  
Delta R.T.: 0.003 min  
Response: 140610088  
Conc: 53.10 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164557BS

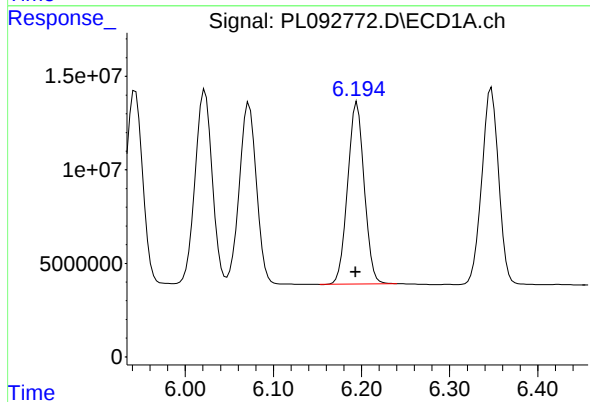
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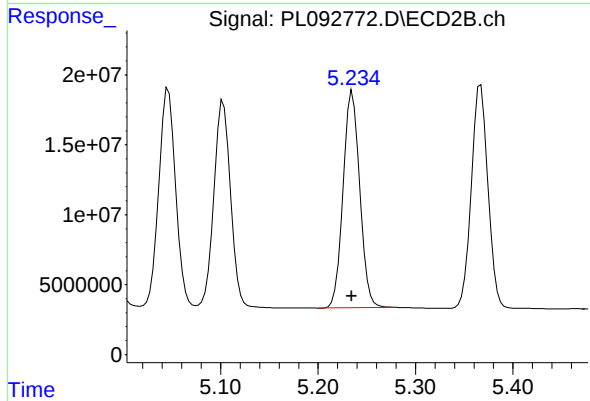
#11 alpha-Chlordane

R.T.: 5.046 min  
Delta R.T.: 0.000 min  
Response: 188107869  
Conc: 56.56 ng/ml



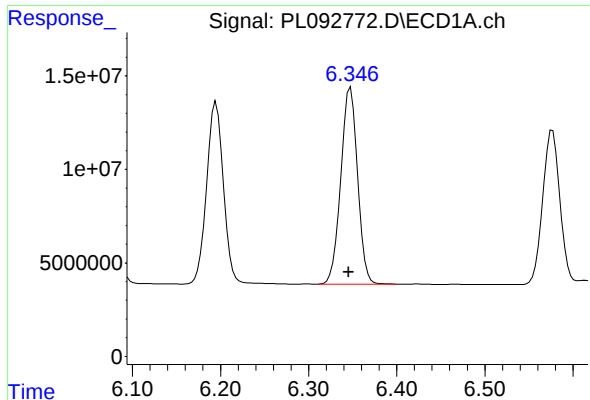
#12 4,4'-DDE

R.T.: 6.195 min  
Delta R.T.: 0.002 min  
Response: 127712980  
Conc: 53.91 ng/ml



#12 4,4'-DDE

R.T.: 5.235 min  
Delta R.T.: 0.000 min  
Response: 184119192  
Conc: 57.15 ng/ml



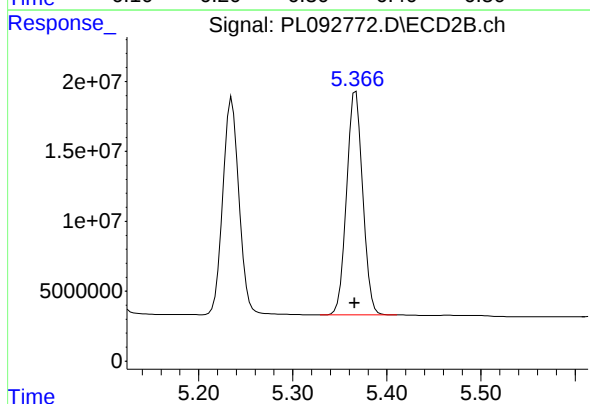
#13 Dieldrin

R.T.: 6.348 min  
Delta R.T.: 0.002 min  
Response: 139057303  
Conc: 52.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164557BS

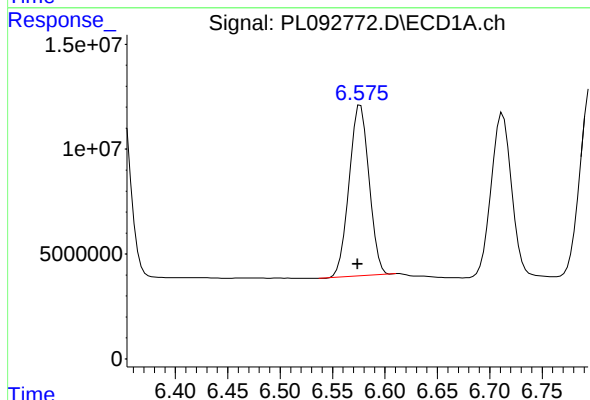
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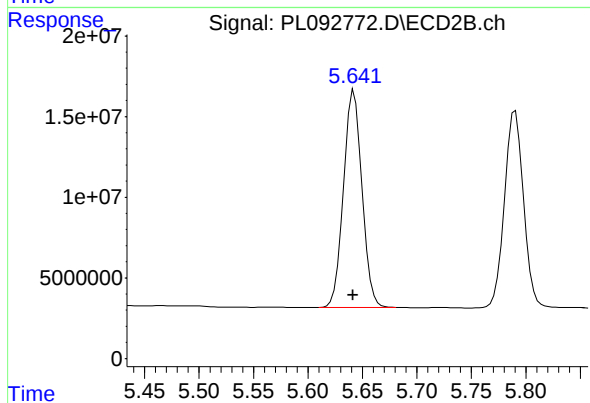
#13 Dieldrin

R.T.: 5.367 min  
Delta R.T.: 0.001 min  
Response: 189999167  
Conc: 56.88 ng/ml



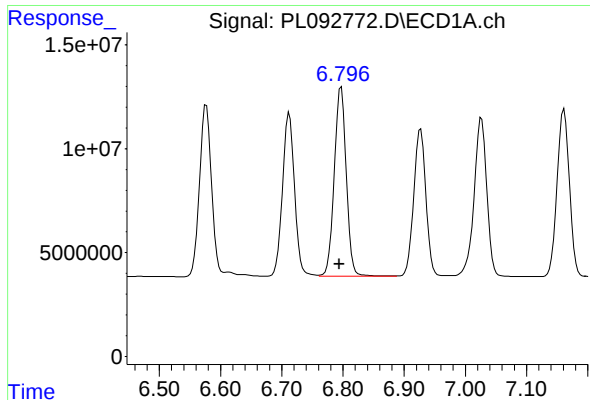
#14 Endrin

R.T.: 6.577 min  
Delta R.T.: 0.003 min  
Response: 108630019  
Conc: 47.71 ng/ml



#14 Endrin

R.T.: 5.642 min  
Delta R.T.: 0.000 min  
Response: 158375003  
Conc: 54.74 ng/ml



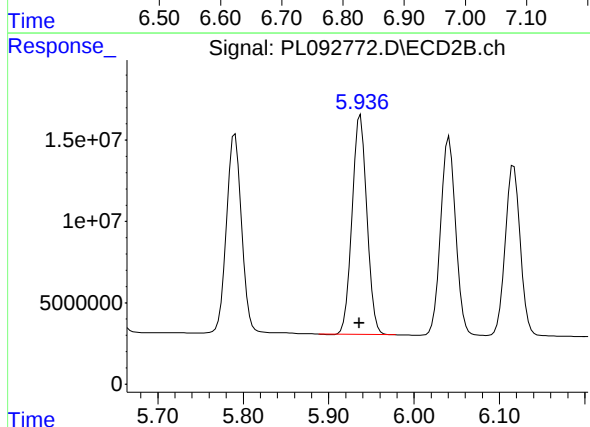
#15 Endosulfan II

R.T.: 6.797 min  
Delta R.T.: 0.003 min  
Response: 124327061  
Conc: 52.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164557BS

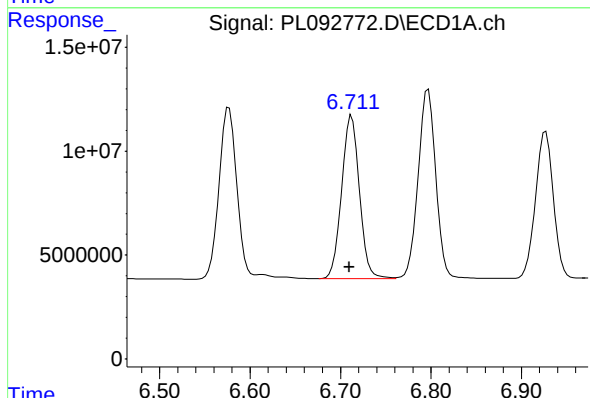
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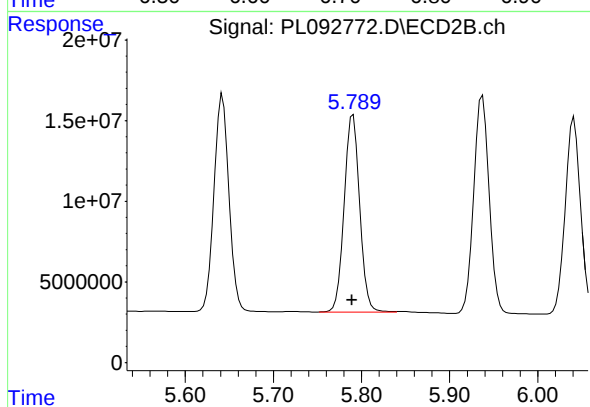
#15 Endosulfan II

R.T.: 5.937 min  
Delta R.T.: 0.001 min  
Response: 163814958  
Conc: 57.82 ng/ml



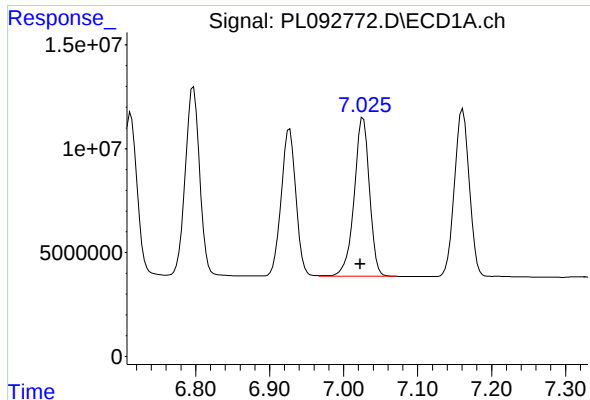
#16 4,4'-DDD

R.T.: 6.712 min  
Delta R.T.: 0.003 min  
Response: 107617516  
Conc: 56.06 ng/ml



#16 4,4'-DDD

R.T.: 5.790 min  
Delta R.T.: 0.001 min  
Response: 149281069  
Conc: 59.95 ng/ml



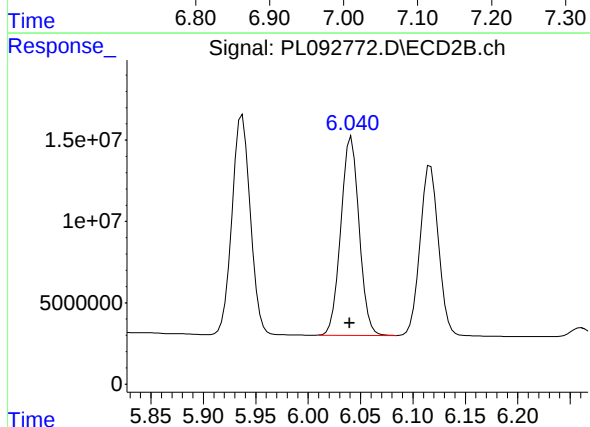
#17 4,4'-DDT

R.T.: 7.026 min  
Delta R.T.: 0.004 min  
Response: 110023985  
Conc: 53.16 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164557BS

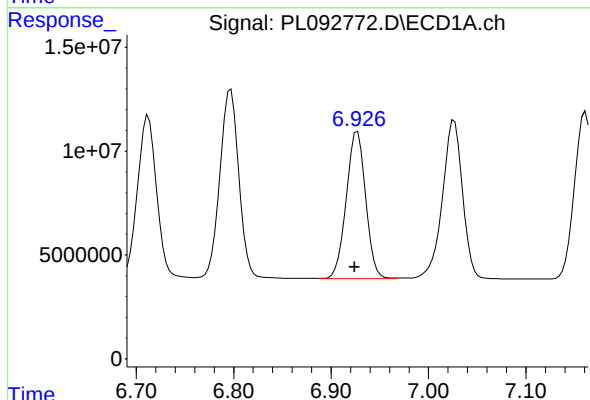
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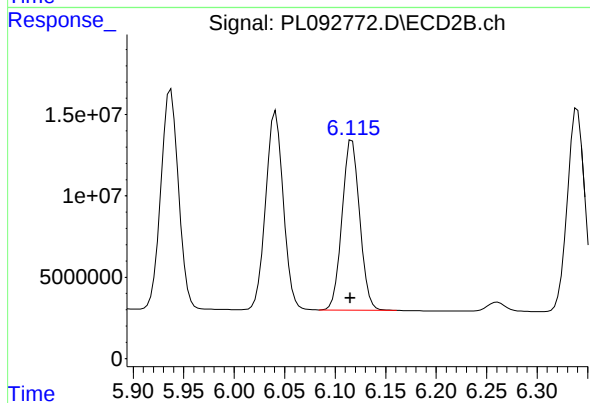
#17 4,4'-DDT

R.T.: 6.041 min  
Delta R.T.: 0.001 min  
Response: 148327853  
Conc: 55.30 ng/ml



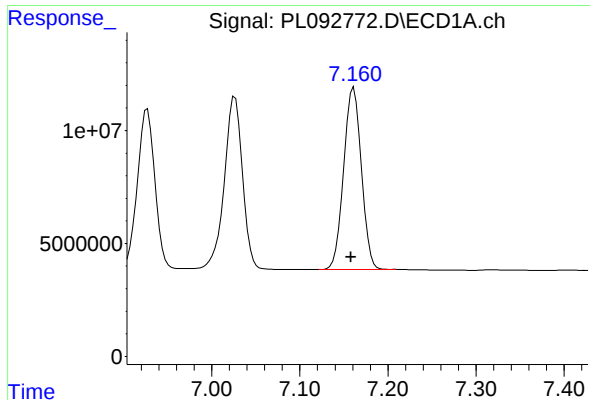
#18 Endrin aldehyde

R.T.: 6.927 min  
Delta R.T.: 0.003 min  
Response: 98126196  
Conc: 52.25 ng/ml



#18 Endrin aldehyde

R.T.: 6.117 min  
Delta R.T.: 0.002 min  
Response: 127317872  
Conc: 55.18 ng/ml



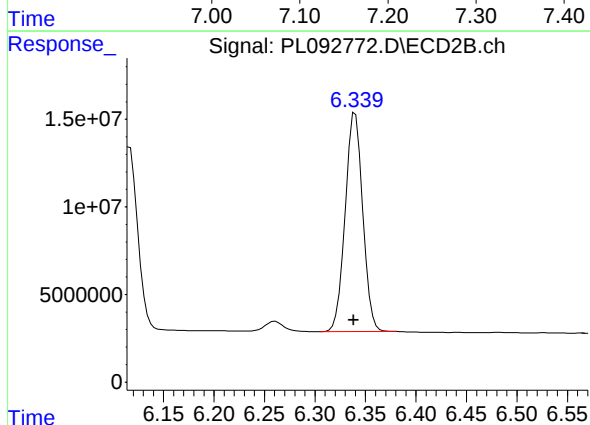
#19 Endosulfan Sulfate

R.T.: 7.161 min  
Delta R.T.: 0.003 min  
Response: 112581223  
Conc: 51.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164557BS

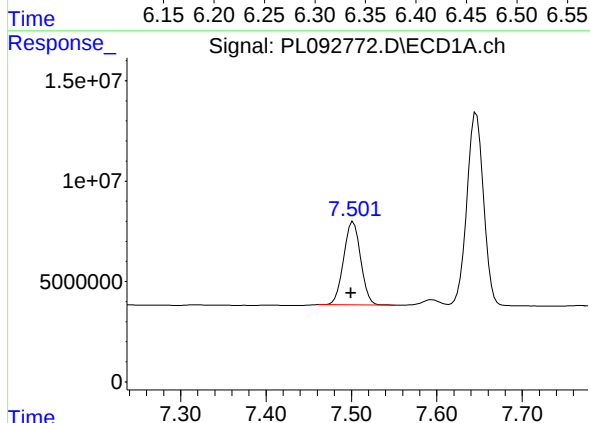
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Supervised By :Ankita Jodhani 11/04/2024



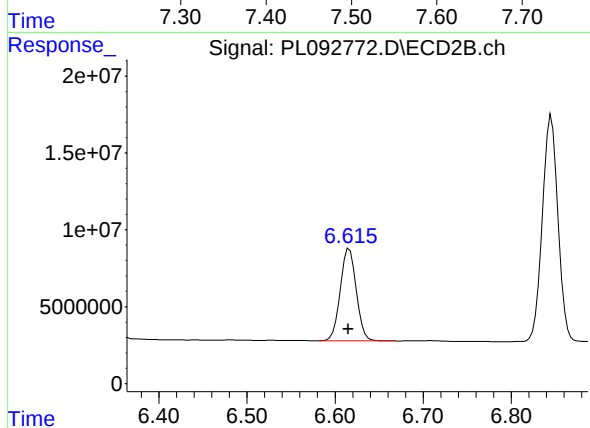
#19 Endosulfan Sulfate

R.T.: 6.340 min  
Delta R.T.: 0.002 min  
Response: 151407054  
Conc: 56.14 ng/ml



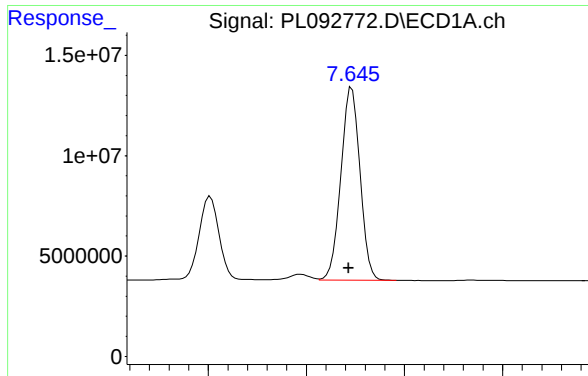
#20 Methoxychlor

R.T.: 7.502 min  
Delta R.T.: 0.003 min  
Response: 57414138  
Conc: 50.36 ng/ml



#20 Methoxychlor

R.T.: 6.616 min  
Delta R.T.: 0.001 min  
Response: 75697028  
Conc: 53.01 ng/ml



#21 Endrin ketone

R.T.: 7.646 min  
Delta R.T.: 0.003 min  
Response: 130065079  
Conc: 53.68 ng/ml

Instrument :

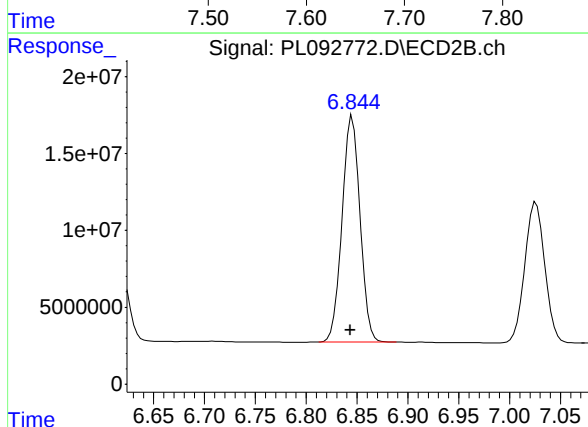
ECD\_L

ClientSampleId :

PB164557BS

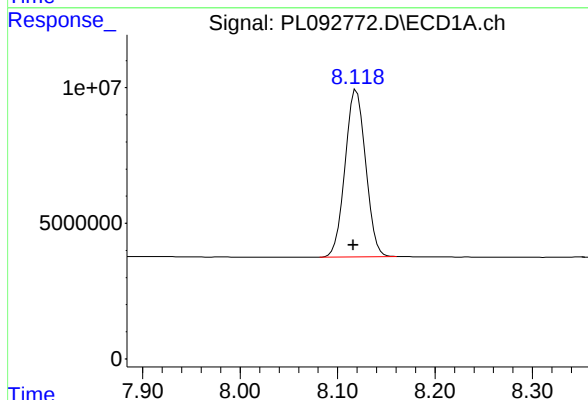
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/01/2024  
Supervised By :Ankita Jodhani 11/04/2024



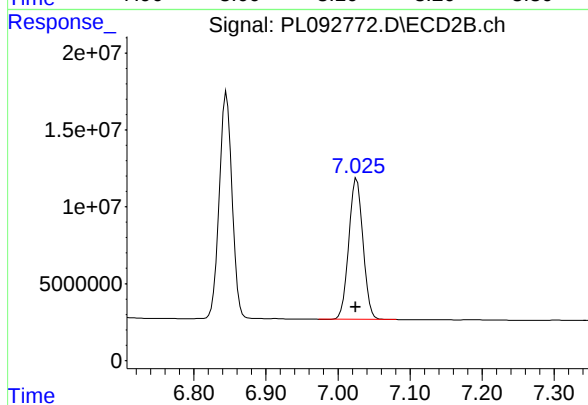
#21 Endrin ketone

R.T.: 6.845 min  
Delta R.T.: 0.002 min  
Response: 180874519  
Conc: 58.94 ng/ml



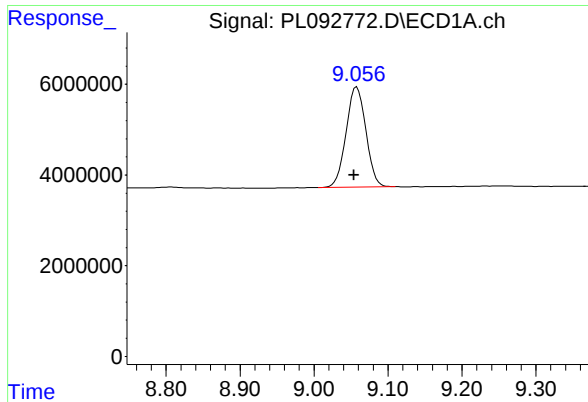
#22 Mirex

R.T.: 8.119 min  
Delta R.T.: 0.003 min  
Response: 90346530  
Conc: 45.59 ng/ml



#22 Mirex

R.T.: 7.026 min  
Delta R.T.: 0.002 min  
Response: 125426009  
Conc: 48.07 ng/ml



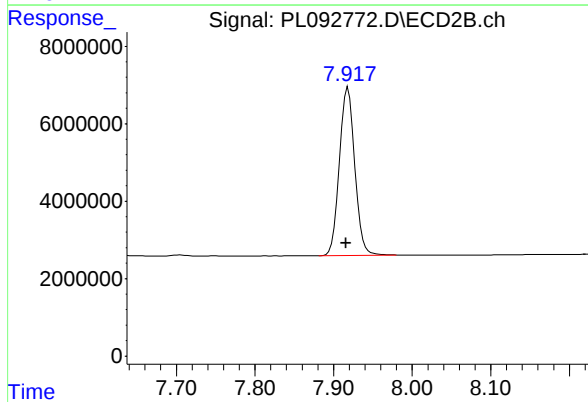
#28 Decachlorobiphenyl

R.T.: 9.058 min  
Delta R.T.: 0.004 min  
Response: 41144687  
Conc: 21.38 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB164557BS

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 11/01/2024  
Supervised By :Ankita Jodhani 11/04/2024



#28 Decachlorobiphenyl

R.T.: 7.918 min  
Delta R.T.: 0.003 min  
Response: 59033501  
Conc: 21.63 ng/ml