

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102424\  
 Data File : PL092591.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Oct 2024 10:19  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 10/25/2024  
 Supervised By :Ankita Jodhani 10/28/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 24 16:05:51 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 | 139.6E6  | 157.4E6  | 51.815  | 56.675  |
| 28)                         | SA Decachlor... | 9.057 | 7.918 | 104.1E6  | 153.5E6  | 51.248  | 58.242  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.997 | 3.282 | 197.5E6  | 242.8E6  | 47.925  | 56.270  |
| 3)                          | MA gamma-BHC... | 4.330 | 3.612 | 188.2E6  | 231.0E6  | 48.933  | 56.090  |
| 4)                          | MA Heptachlor   | 4.918 | 3.951 | 168.5E6  | 225.0E6  | 47.522  | 56.021  |
| 5)                          | MB Aldrin       | 5.260 | 4.231 | 168.5E6  | 219.3E6  | 45.794  | 55.171  |
| 6)                          | B beta-BHC      | 4.527 | 3.912 | 80713518 | 94828196 | 51.995  | 54.313  |
| 7)                          | B delta-BHC     | 4.774 | 4.141 | 175.2E6  | 231.3E6  | 46.559  | 55.001  |
| 8)                          | B Heptachlo...  | 5.684 | 4.733 | 155.0E6  | 196.3E6  | 46.664m | 55.709  |
| 9)                          | A Endosulfan I  | 6.071 | 5.103 | 138.4E6  | 177.5E6  | 45.846  | 55.769  |
| 10)                         | B gamma-Chl...  | 5.942 | 4.984 | 147.3E6  | 197.2E6  | 44.682  | 53.596  |
| 11)                         | B alpha-Chl...  | 6.021 | 5.047 | 146.9E6  | 194.6E6  | 45.126  | 54.763  |
| 12)                         | B 4,4'-DDE      | 6.194 | 5.236 | 132.2E6  | 191.6E6  | 44.569  | 55.100  |
| 13)                         | MA Dieldrin     | 6.347 | 5.368 | 146.9E6  | 197.7E6  | 45.185  | 54.112  |
| 14)                         | MA Endrin       | 6.576 | 5.643 | 126.2E6  | 173.8E6  | 44.700  | 53.085  |
| 15)                         | B Endosulfa...  | 6.795 | 5.938 | 130.4E6  | 164.5E6  | 46.077  | 52.624  |
| 16)                         | A 4,4'-DDD      | 6.712 | 5.790 | 107.6E6  | 148.2E6  | 44.539  | 53.356  |
| 17)                         | MA 4,4'-DDT     | 7.025 | 6.041 | 115.3E6  | 157.3E6  | 46.756  | 53.569  |
| 18)                         | B Endrin al...  | 6.926 | 6.117 | 103.0E6  | 131.8E6  | 48.199  | 53.639  |
| 19)                         | B Endosulfa...  | 7.160 | 6.340 | 117.9E6  | 164.0E6  | 46.660  | 55.471  |
| 20)                         | A Methoxychlor  | 7.501 | 6.616 | 61193642 | 82879540 | 51.960  | 58.454  |
| 21)                         | B Endrin ke...  | 7.646 | 6.844 | 133.0E6  | 183.2E6  | 48.361  | 57.025m |
| 22)                         | Mirex           | 8.118 | 7.026 | 104.1E6  | 140.6E6  | 49.872  | 53.800  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL102424\  
Data File : PL092591.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 24 Oct 2024 10:19  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

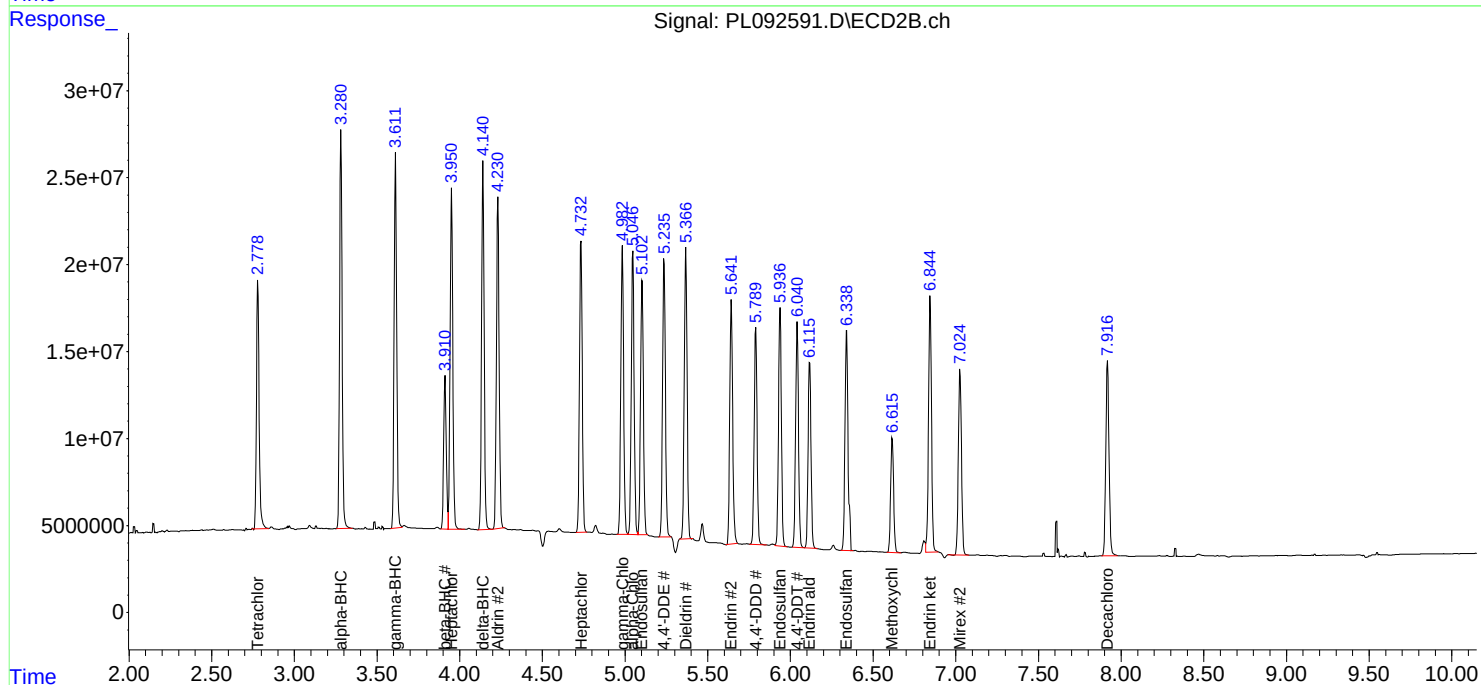
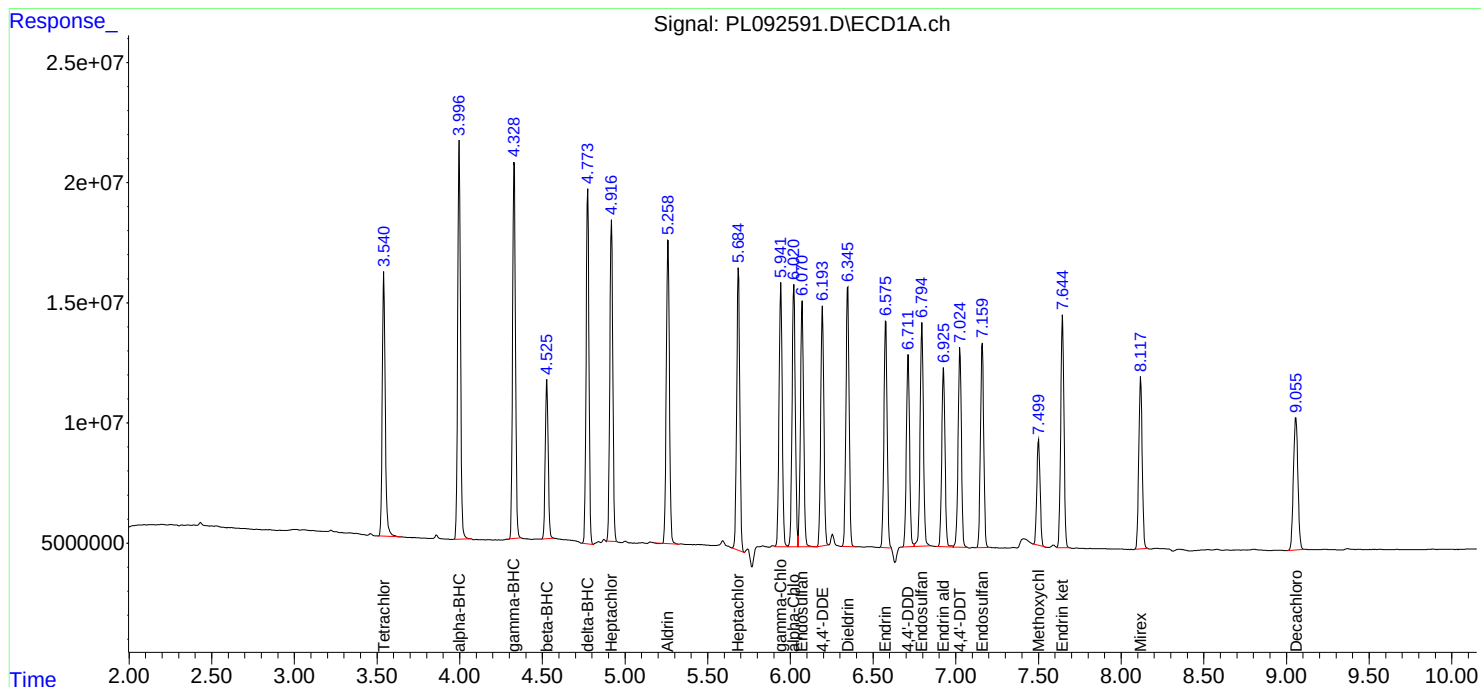
## APPROVED

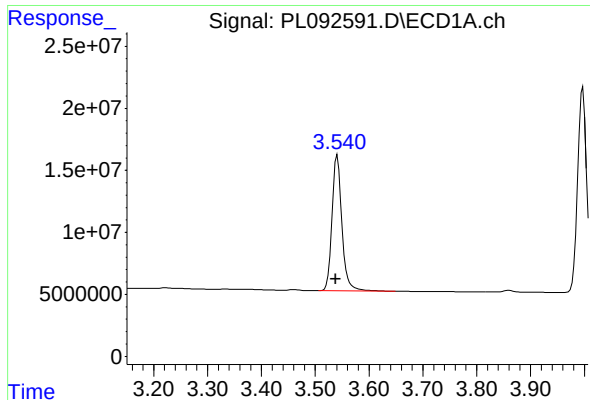
Reviewed By :Abdul Mirza 10/25/2024

Supervised By :Ankita Jodhani 10/28/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Oct 24 16:05:51 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





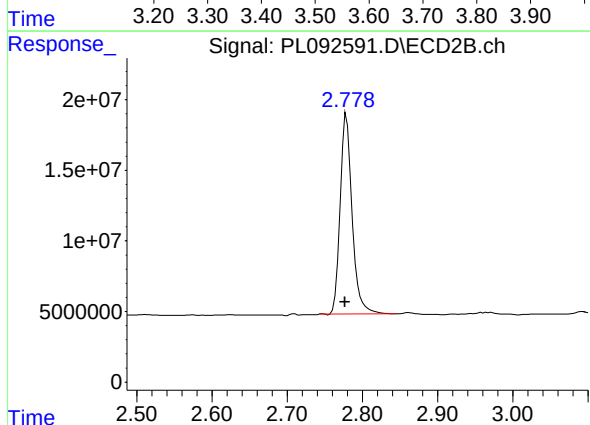
#1 Tetrachloro-m-xylene

R.T.: 3.541 min  
Delta R.T.: 0.003 min  
Response: 139582357  
Conc: 51.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

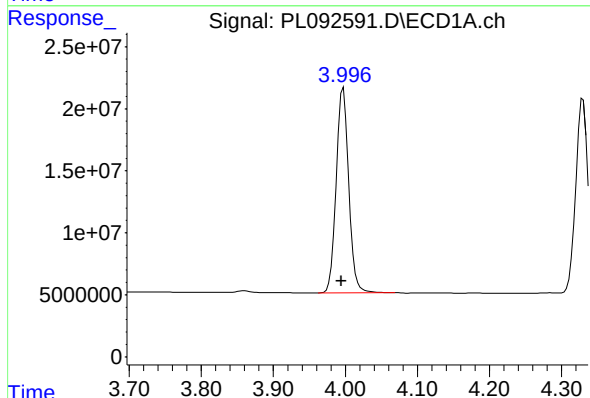
Manual Integrations  
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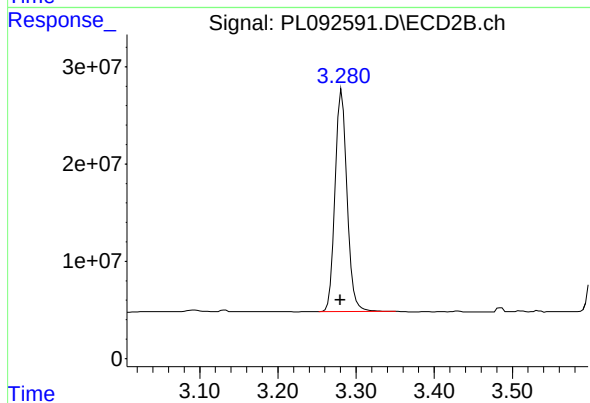
#1 Tetrachloro-m-xylene

R.T.: 2.779 min  
Delta R.T.: 0.002 min  
Response: 157410487  
Conc: 56.67 ng/ml



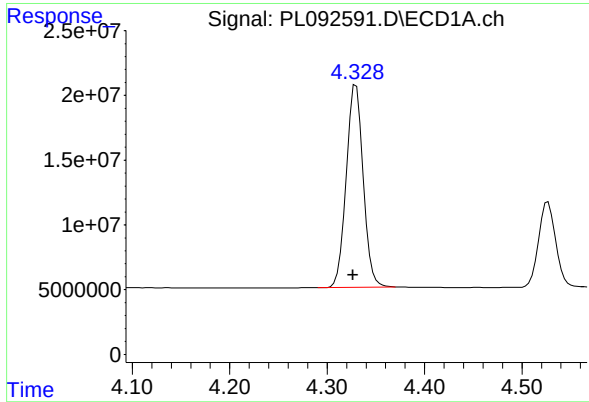
#2 alpha-BHC

R.T.: 3.997 min  
Delta R.T.: 0.003 min  
Response: 197510085  
Conc: 47.92 ng/ml



#2 alpha-BHC

R.T.: 3.282 min  
Delta R.T.: 0.002 min  
Response: 242812182  
Conc: 56.27 ng/ml



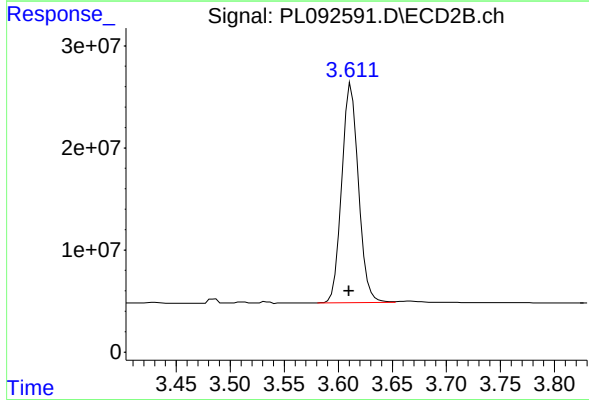
#3 gamma-BHC (Lindane)

R.T.: 4.330 min  
Delta R.T.: 0.003 min  
Response: 188233367  
Conc: 48.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

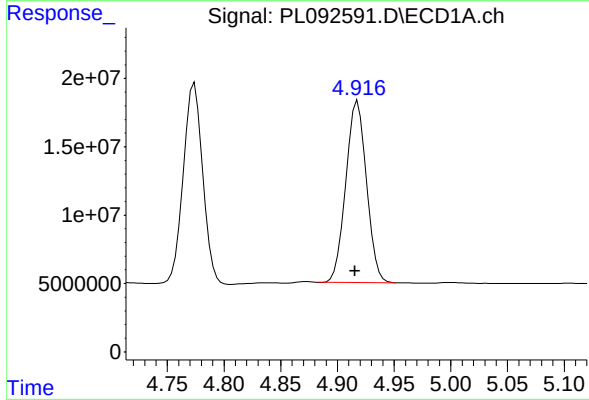
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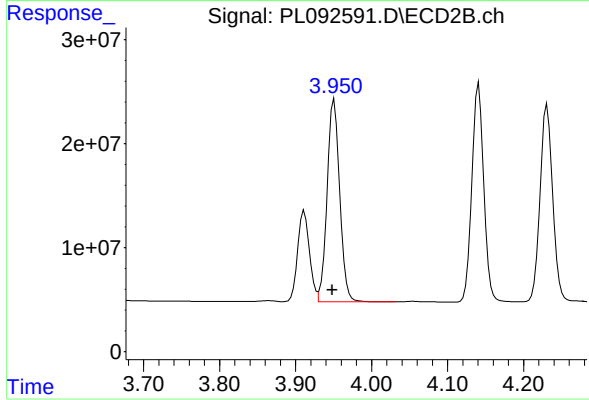
#3 gamma-BHC (Lindane)

R.T.: 3.612 min  
Delta R.T.: 0.002 min  
Response: 230978719  
Conc: 56.09 ng/ml



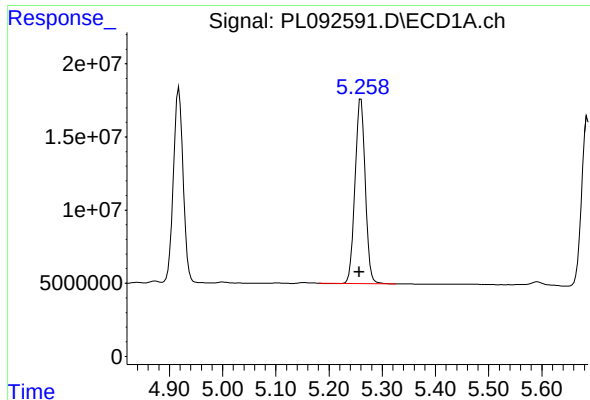
#4 Heptachlor

R.T.: 4.918 min  
Delta R.T.: 0.002 min  
Response: 168498897  
Conc: 47.52 ng/ml



#4 Heptachlor

R.T.: 3.951 min  
Delta R.T.: 0.002 min  
Response: 224968808  
Conc: 56.02 ng/ml



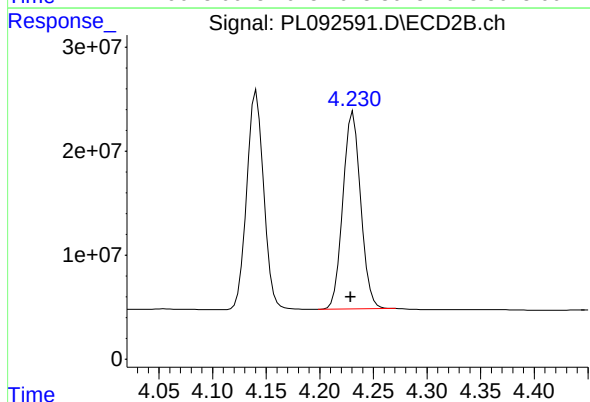
#5 Aldrin

R.T.: 5.260 min  
Delta R.T.: 0.003 min  
Response: 168458794  
Conc: 45.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

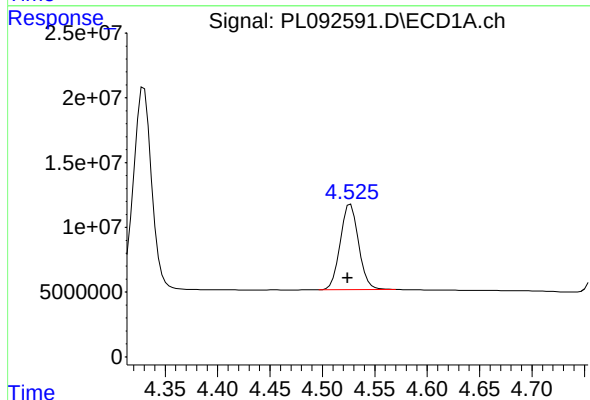
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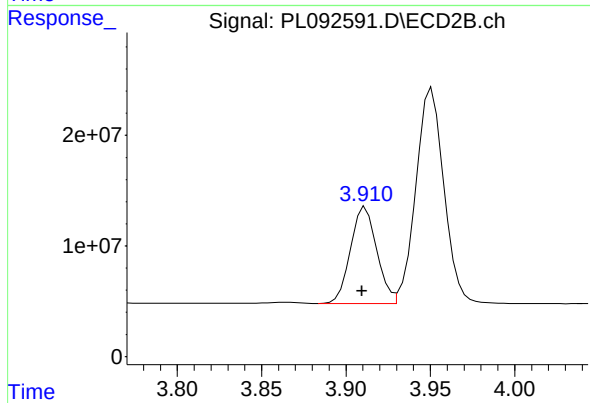
#5 Aldrin

R.T.: 4.231 min  
Delta R.T.: 0.002 min  
Response: 219333669  
Conc: 55.17 ng/ml



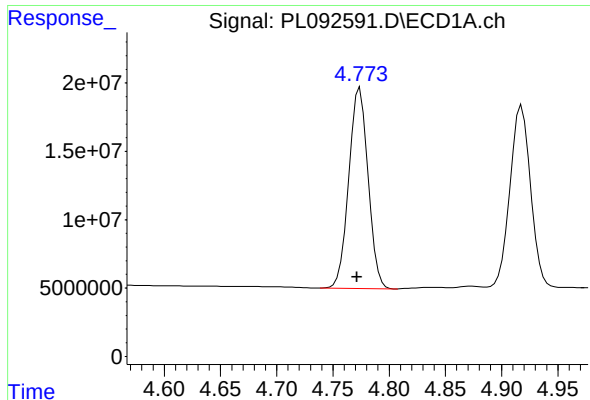
#6 beta-BHC

R.T.: 4.527 min  
Delta R.T.: 0.003 min  
Response: 80713518  
Conc: 52.00 ng/ml



#6 beta-BHC

R.T.: 3.912 min  
Delta R.T.: 0.002 min  
Response: 94828196  
Conc: 54.31 ng/ml



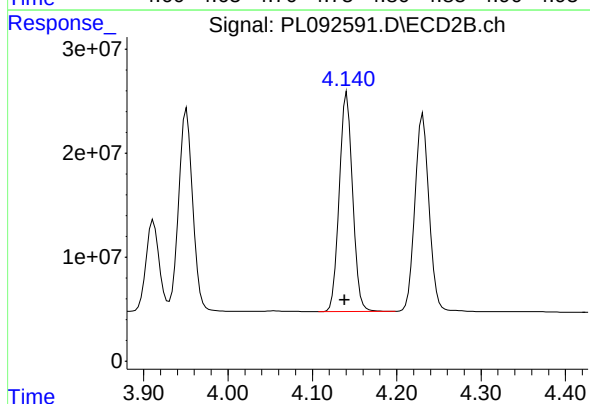
#7 delta-BHC

R.T.: 4.774 min  
Delta R.T.: 0.003 min  
Response: 175156106  
Conc: 46.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

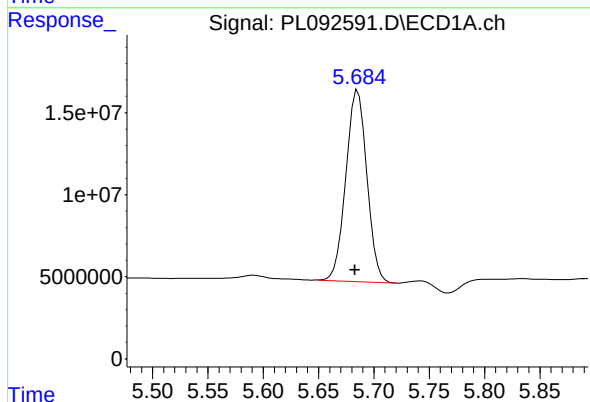
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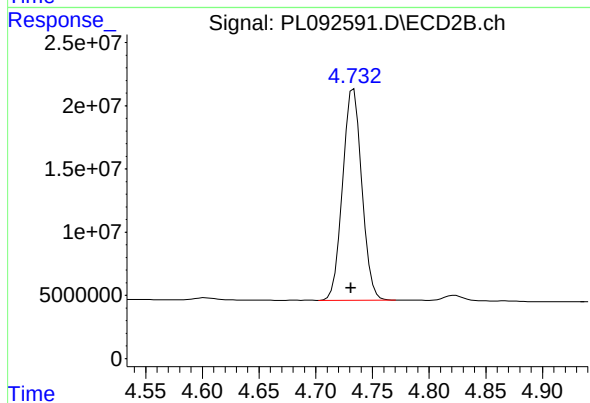
#7 delta-BHC

R.T.: 4.141 min  
Delta R.T.: 0.003 min  
Response: 231349465  
Conc: 55.00 ng/ml



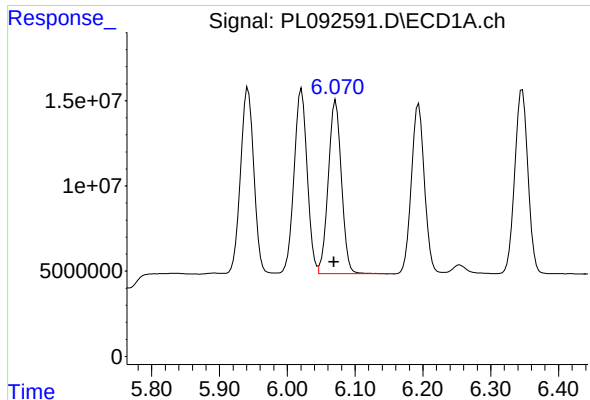
#8 Heptachlor epoxide

R.T.: 5.684 min  
Delta R.T.: 0.001 min  
Response: 154959036  
Conc: 46.66 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.733 min  
Delta R.T.: 0.002 min  
Response: 196293445  
Conc: 55.71 ng/ml



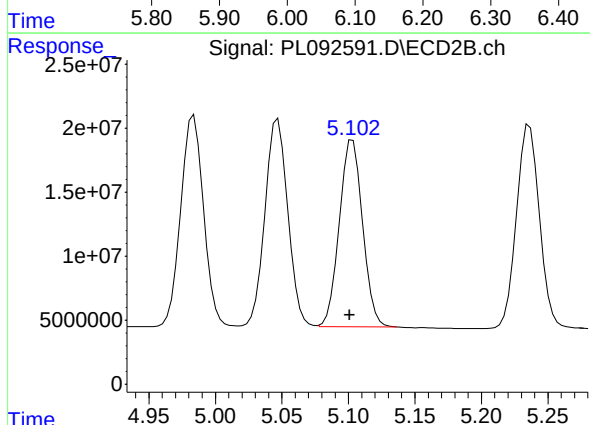
#9 Endosulfan I

R.T.: 6.071 min  
Delta R.T.: 0.003 min  
Response: 138426830  
Conc: 45.85 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

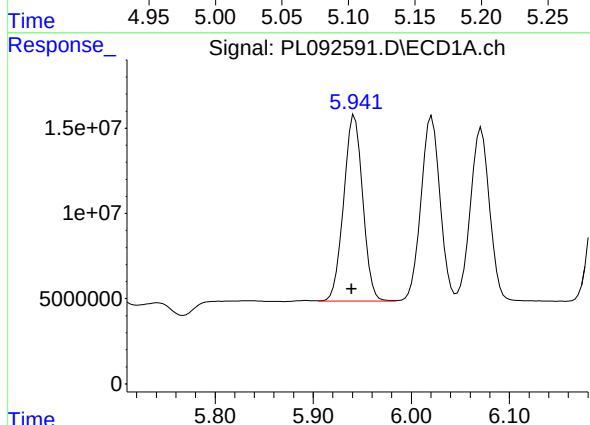
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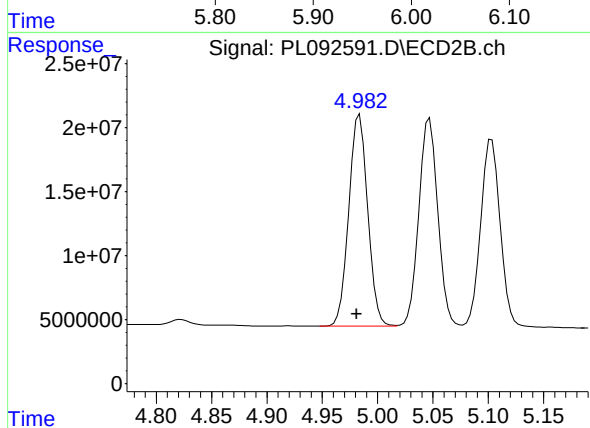
#9 Endosulfan I

R.T.: 5.103 min  
Delta R.T.: 0.002 min  
Response: 177512918  
Conc: 55.77 ng/ml



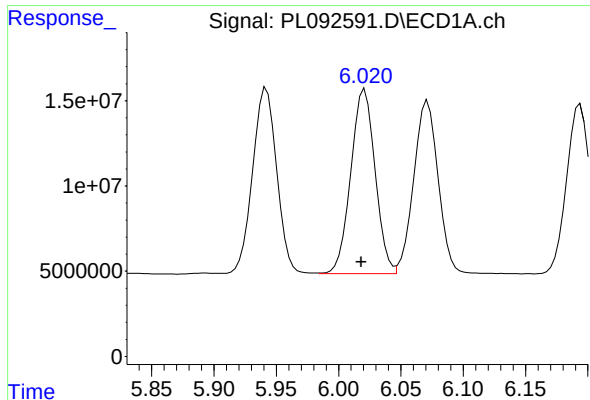
#10 gamma-Chlordane

R.T.: 5.942 min  
Delta R.T.: 0.003 min  
Response: 147316683  
Conc: 44.68 ng/ml



#10 gamma-Chlordane

R.T.: 4.984 min  
Delta R.T.: 0.003 min  
Response: 197191787  
Conc: 53.60 ng/ml



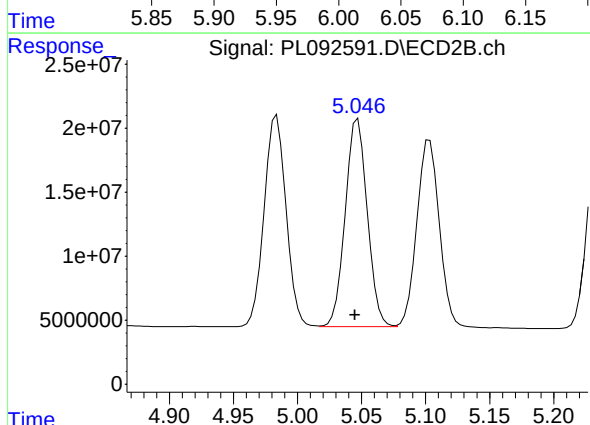
#11 alpha-Chlordane

R.T.: 6.021 min  
Delta R.T.: 0.003 min  
Response: 146949052  
Conc: 45.13 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

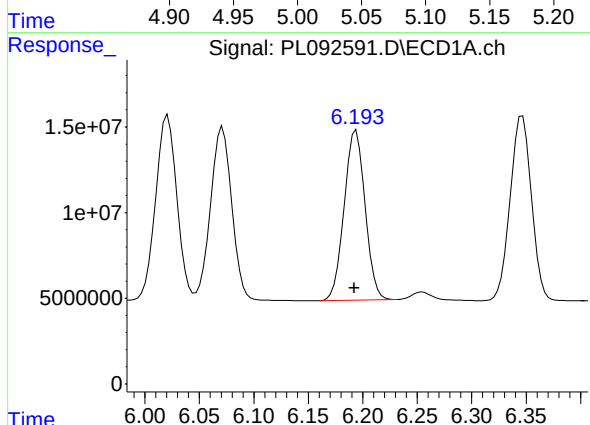
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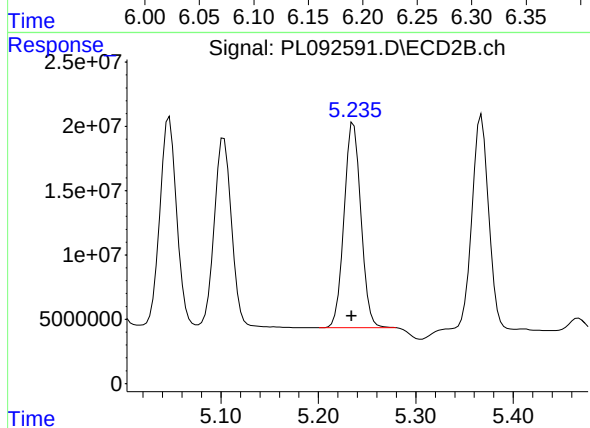
#11 alpha-Chlordane

R.T.: 5.047 min  
Delta R.T.: 0.002 min  
Response: 194629757  
Conc: 54.76 ng/ml



#12 4,4'-DDE

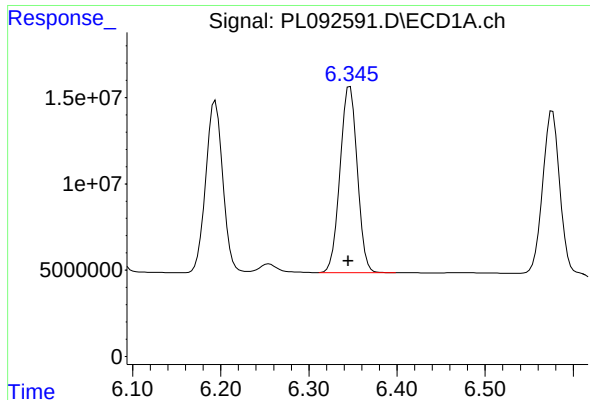
R.T.: 6.194 min  
Delta R.T.: 0.002 min  
Response: 132188835  
Conc: 44.57 ng/ml



#12 4,4'-DDE

R.T.: 5.236 min  
Delta R.T.: 0.002 min  
Response: 191601410  
Conc: 55.10 ng/ml





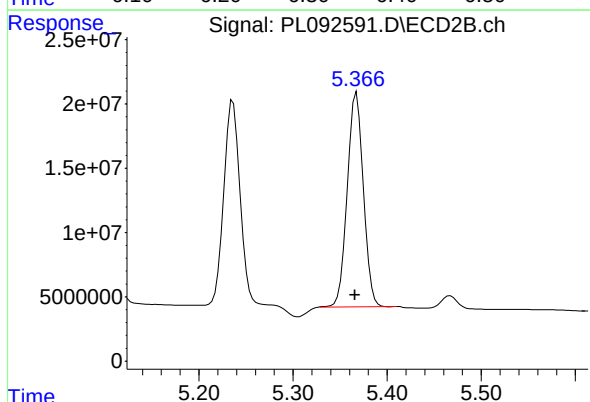
#13 Dieldrin

R.T.: 6.347 min  
Delta R.T.: 0.002 min  
Response: 146936935  
Conc: 45.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

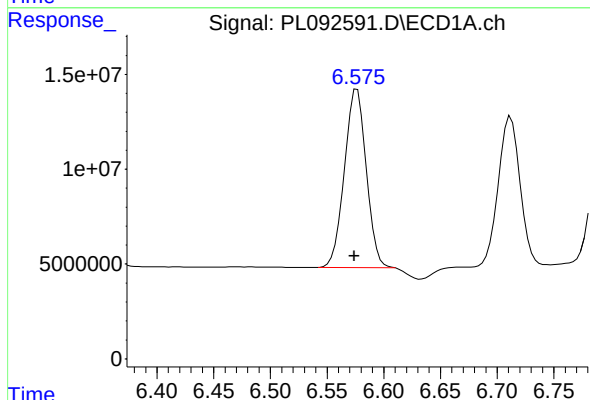
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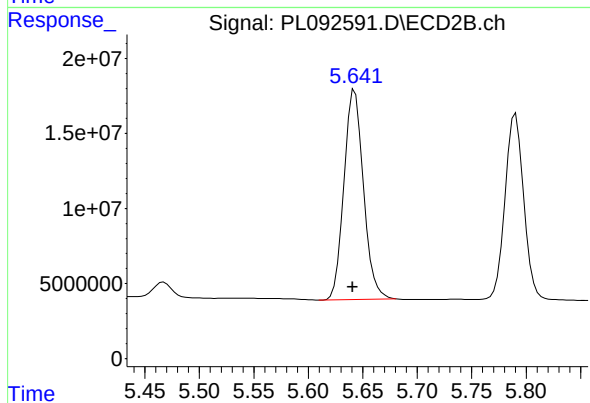
#13 Dieldrin

R.T.: 5.368 min  
Delta R.T.: 0.002 min  
Response: 197744589  
Conc: 54.11 ng/ml



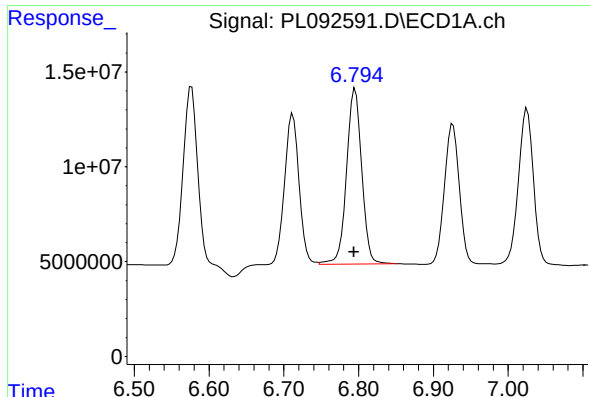
#14 Endrin

R.T.: 6.576 min  
Delta R.T.: 0.002 min  
Response: 126222235  
Conc: 44.70 ng/ml



#14 Endrin

R.T.: 5.643 min  
Delta R.T.: 0.002 min  
Response: 173848573  
Conc: 53.08 ng/ml



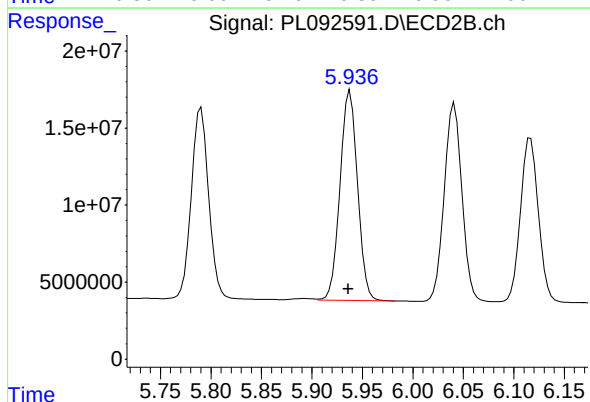
#15 Endosulfan II

R.T.: 6.795 min  
Delta R.T.: 0.002 min  
Response: 130388283  
Conc: 46.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

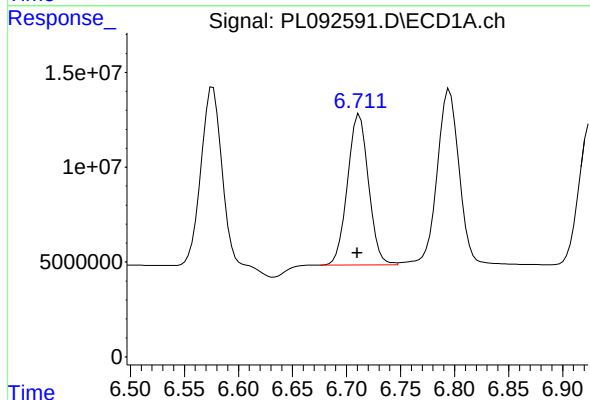
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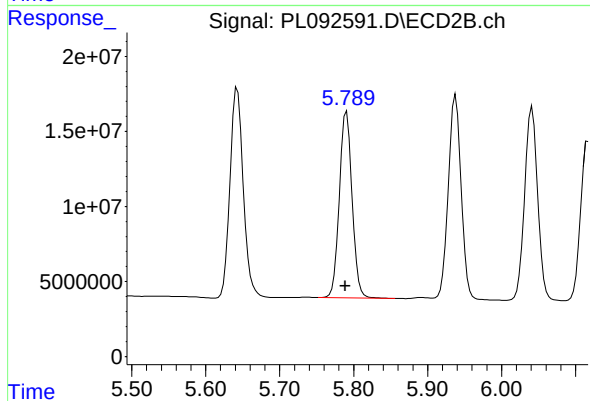
#15 Endosulfan II

R.T.: 5.938 min  
Delta R.T.: 0.002 min  
Response: 164514524  
Conc: 52.62 ng/ml



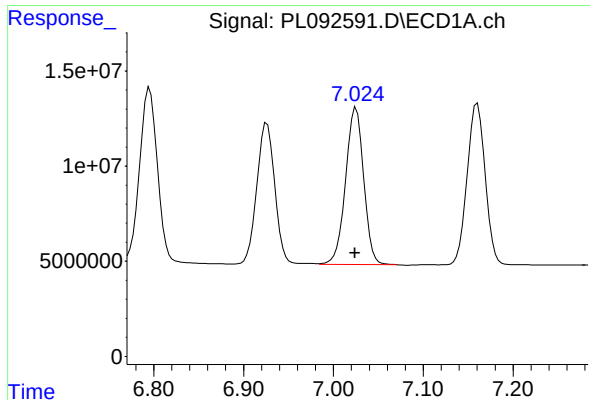
#16 4,4'-DDD

R.T.: 6.712 min  
Delta R.T.: 0.002 min  
Response: 107604418  
Conc: 44.54 ng/ml



#16 4,4'-DDD

R.T.: 5.790 min  
Delta R.T.: 0.002 min  
Response: 148234517  
Conc: 53.36 ng/ml



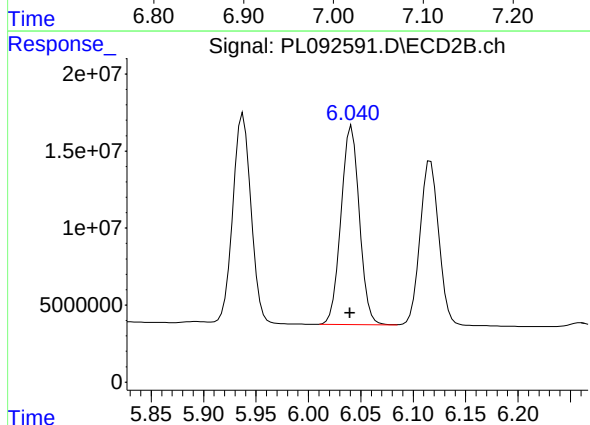
#17 4,4'-DDT

R.T.: 7.025 min  
Delta R.T.: 0.001 min  
Response: 115301888  
Conc: 46.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

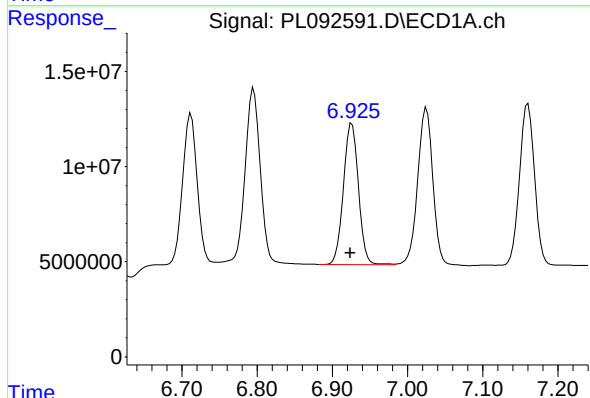
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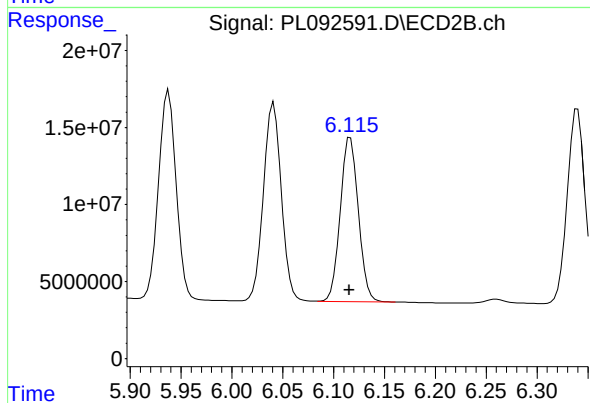
#17 4,4'-DDT

R.T.: 6.041 min  
Delta R.T.: 0.001 min  
Response: 157329074  
Conc: 53.57 ng/ml



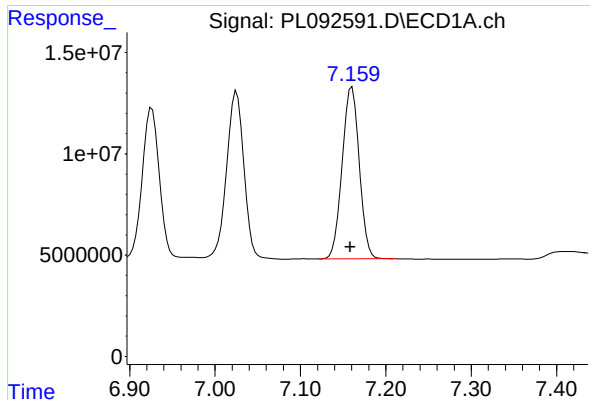
#18 Endrin aldehyde

R.T.: 6.926 min  
Delta R.T.: 0.002 min  
Response: 102955978  
Conc: 48.20 ng/ml



#18 Endrin aldehyde

R.T.: 6.117 min  
Delta R.T.: 0.001 min  
Response: 131765948  
Conc: 53.64 ng/ml



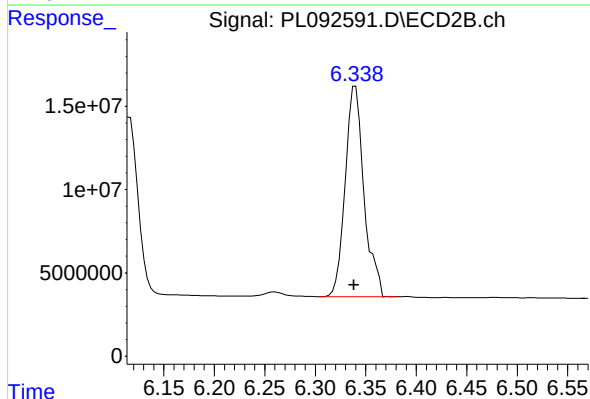
#19 Endosulfan Sulfate

R.T.: 7.160 min  
Delta R.T.: 0.002 min  
Response: 117892362  
Conc: 46.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

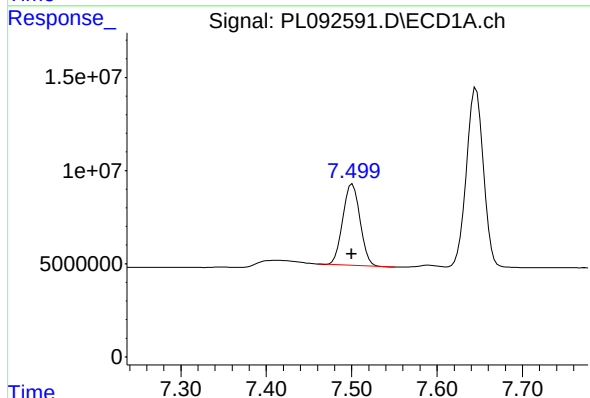
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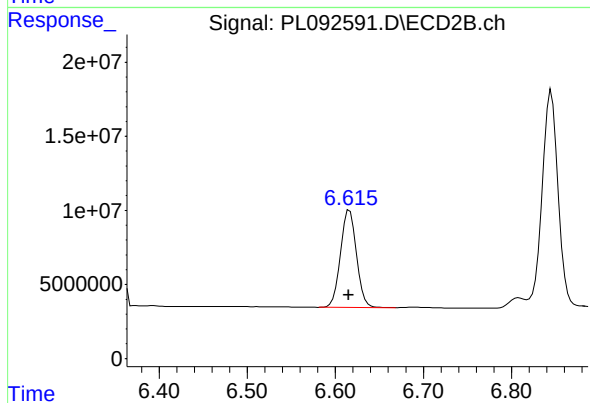
#19 Endosulfan Sulfate

R.T.: 6.340 min  
Delta R.T.: 0.002 min  
Response: 163988511  
Conc: 55.47 ng/ml



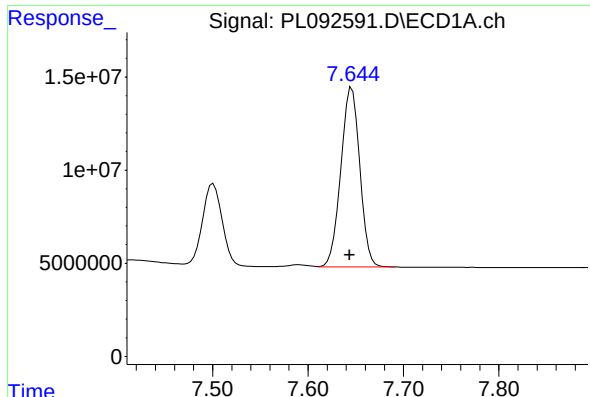
#20 Methoxychlor

R.T.: 7.501 min  
Delta R.T.: 0.000 min  
Response: 61193642  
Conc: 51.96 ng/ml



#20 Methoxychlor

R.T.: 6.616 min  
Delta R.T.: 0.001 min  
Response: 82879540  
Conc: 58.45 ng/ml



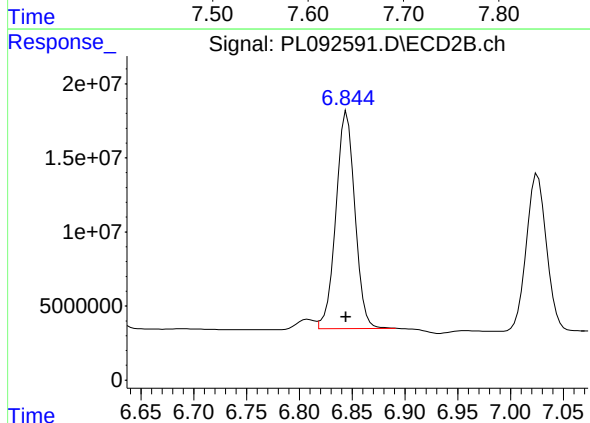
#21 Endrin ketone

R.T.: 7.646 min  
Delta R.T.: 0.002 min  
Response: 132983093  
Conc: 48.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

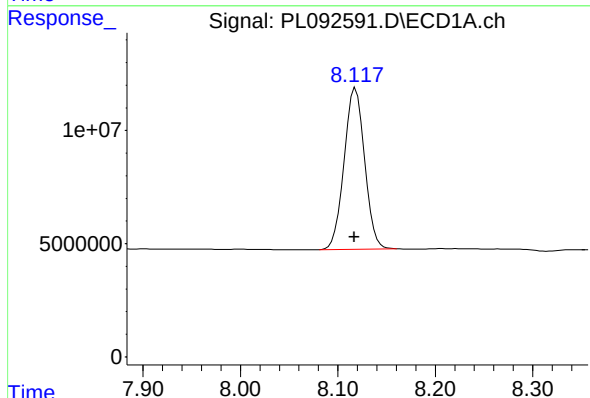
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/25/2024  
Supervised By :Ankita Jodhani 10/28/2024



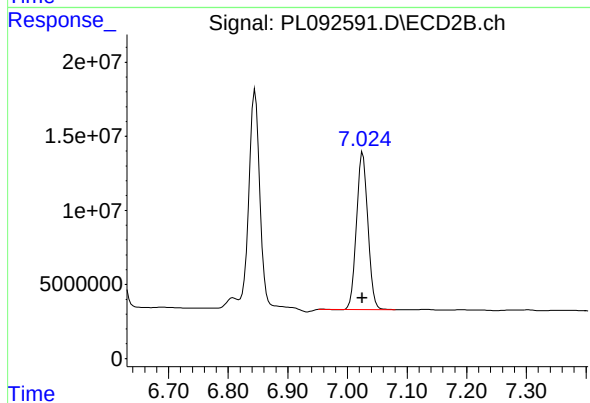
#21 Endrin ketone

R.T.: 6.844 min  
Delta R.T.: 0.000 min  
Response: 183173489  
Conc: 57.03 ng/ml m



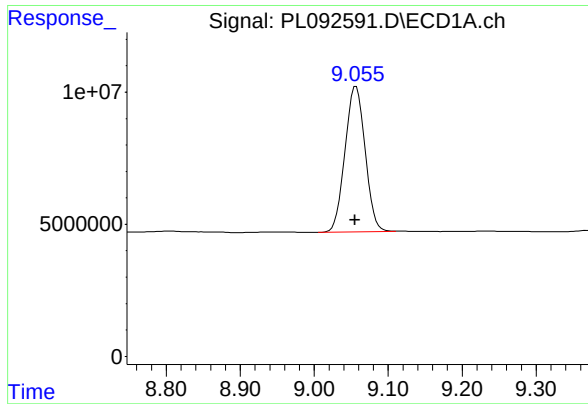
#22 Mirex

R.T.: 8.118 min  
Delta R.T.: 0.001 min  
Response: 104063768  
Conc: 49.87 ng/ml



#22 Mirex

R.T.: 7.026 min  
Delta R.T.: 0.000 min  
Response: 140607782  
Conc: 53.80 ng/ml



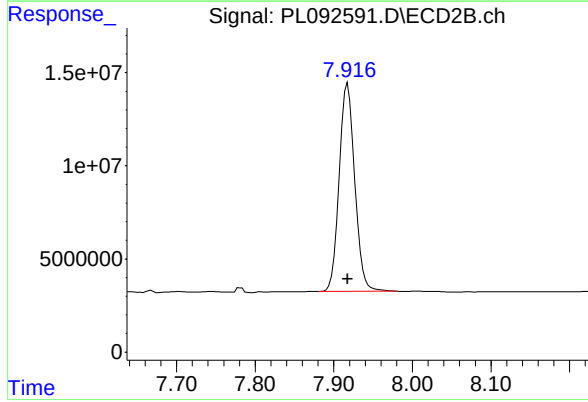
#28 Decachlorobiphenyl

R.T.: 9.057 min  
Delta R.T.: 0.002 min  
Response: 104092576  
Conc: 51.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 10/25/2024  
Supervised By :Ankita Jodhani 10/28/2024



#28 Decachlorobiphenyl

R.T.: 7.918 min  
Delta R.T.: 0.000 min  
Response: 153466651  
Conc: 58.24 ng/ml