

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL013125\  
 Data File : PL093971.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Feb 2025 00:57  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 02/03/2025  
 Supervised By :Ankita Jodhani 02/03/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 01 01:09:45 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012125.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 21 14:58:05 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|--------|
| -----                       |                 |       |       |          |          |         |        |
| System Monitoring Compounds |                 |       |       |          |          |         |        |
| 1)                          | SA Tetrachlo... | 3.538 | 2.774 | 137.6E6  | 170.6E6  | 51.107  | 52.269 |
| 28)                         | SA Decachlor... | 9.057 | 7.911 | 92166830 | 148.4E6  | 44.059  | 42.337 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.994 | 3.276 | 197.9E6  | 259.7E6  | 51.627  | 53.118 |
| 3)                          | MA gamma-BHC... | 4.327 | 3.606 | 184.3E6  | 242.3E6  | 50.044  | 51.101 |
| 4)                          | MA Heptachlor   | 4.915 | 3.945 | 164.3E6  | 233.8E6  | 50.120  | 50.222 |
| 5)                          | MB Aldrin       | 5.257 | 4.224 | 160.8E6  | 228.2E6  | 49.147  | 50.029 |
| 6)                          | B beta-BHC      | 4.526 | 3.906 | 81125313 | 105.6E6  | 50.472  | 52.878 |
| 7)                          | B delta-BHC     | 4.772 | 4.135 | 173.2E6  | 237.8E6  | 49.409  | 50.051 |
| 8)                          | B Heptachlo...  | 5.683 | 4.727 | 142.1E6  | 209.3E6  | 47.787  | 50.066 |
| 9)                          | A Endosulfan I  | 6.069 | 5.097 | 127.0E6  | 177.3E6  | 48.064  | 45.738 |
| 10)                         | B gamma-Chl...  | 5.940 | 4.977 | 138.1E6  | 222.3E6  | 49.551  | 52.466 |
| 11)                         | B alpha-Chl...  | 6.018 | 5.041 | 136.8E6  | 216.5E6  | 49.052  | 51.718 |
| 12)                         | B 4,4'-DDE      | 6.192 | 5.230 | 126.3E6  | 218.9E6  | 51.875  | 54.608 |
| 13)                         | MA Dieldrin     | 6.345 | 5.361 | 131.9E6  | 216.9E6  | 47.522  | 50.491 |
| 14)                         | MA Endrin       | 6.573 | 5.637 | 104.3E6  | 183.8E6  | 44.467m | 49.762 |
| 15)                         | B Endosulfa...  | 6.795 | 5.932 | 111.6E6  | 183.8E6  | 46.333  | 49.617 |
| 16)                         | A 4,4'-DDD      | 6.711 | 5.785 | 104.0E6  | 177.4E6  | 54.726  | 56.198 |
| 17)                         | MA 4,4'-DDT     | 7.025 | 6.035 | 88412487 | 151.2E6  | 44.833  | 46.456 |
| 18)                         | B Endrin al...  | 6.925 | 6.111 | 86568776 | 138.1E6  | 44.530  | 45.374 |
| 19)                         | B Endosulfa...  | 7.160 | 6.334 | 100.2E6  | 169.0E6  | 44.272  | 47.401 |
| 20)                         | A Methoxychlor  | 7.500 | 6.611 | 45529670 | 80874445 | 43.636  | 45.228 |
| 21)                         | B Endrin ke...  | 7.645 | 6.840 | 112.7E6  | 192.4E6  | 44.661  | 45.870 |
| 22)                         | Mirex           | 8.118 | 7.020 | 82894240 | 140.6E6  | 39.805  | 41.587 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL013125\  
Data File : PL093971.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 01 Feb 2025 00:57  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

## Manual Integrations

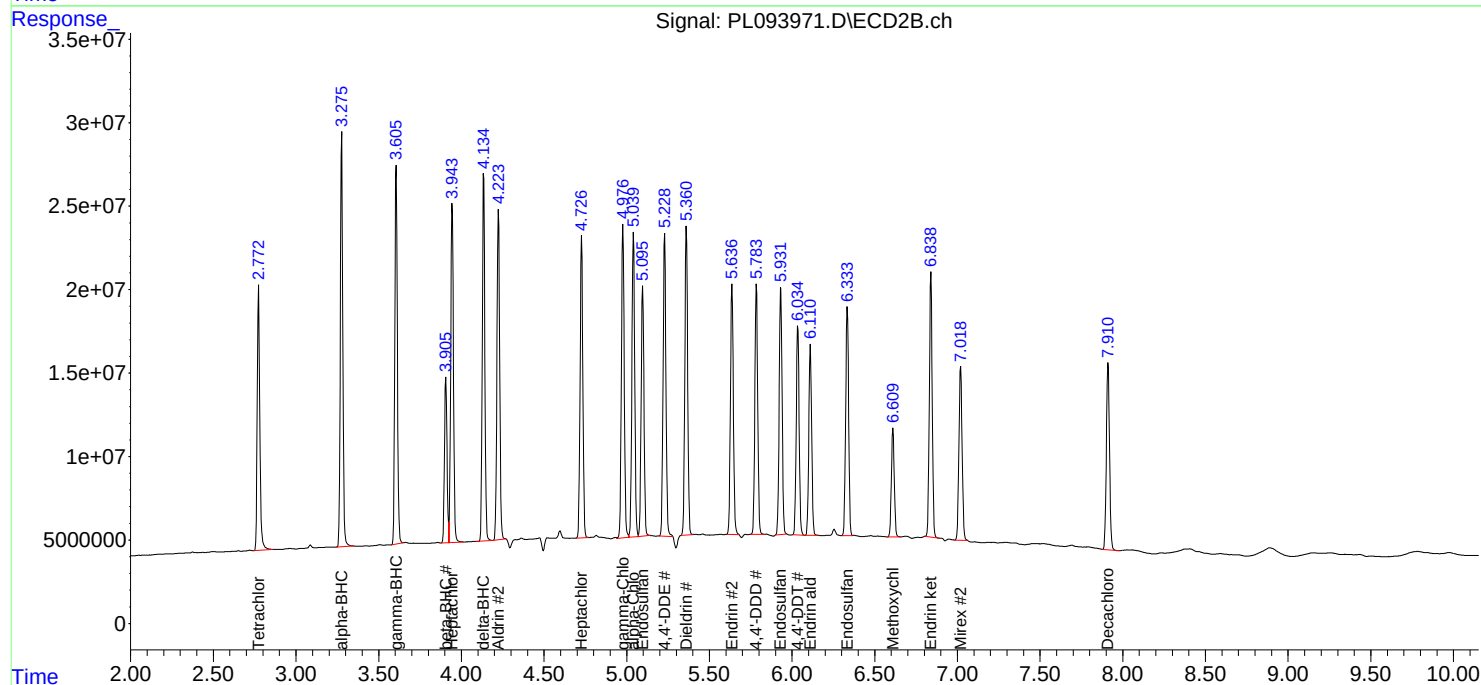
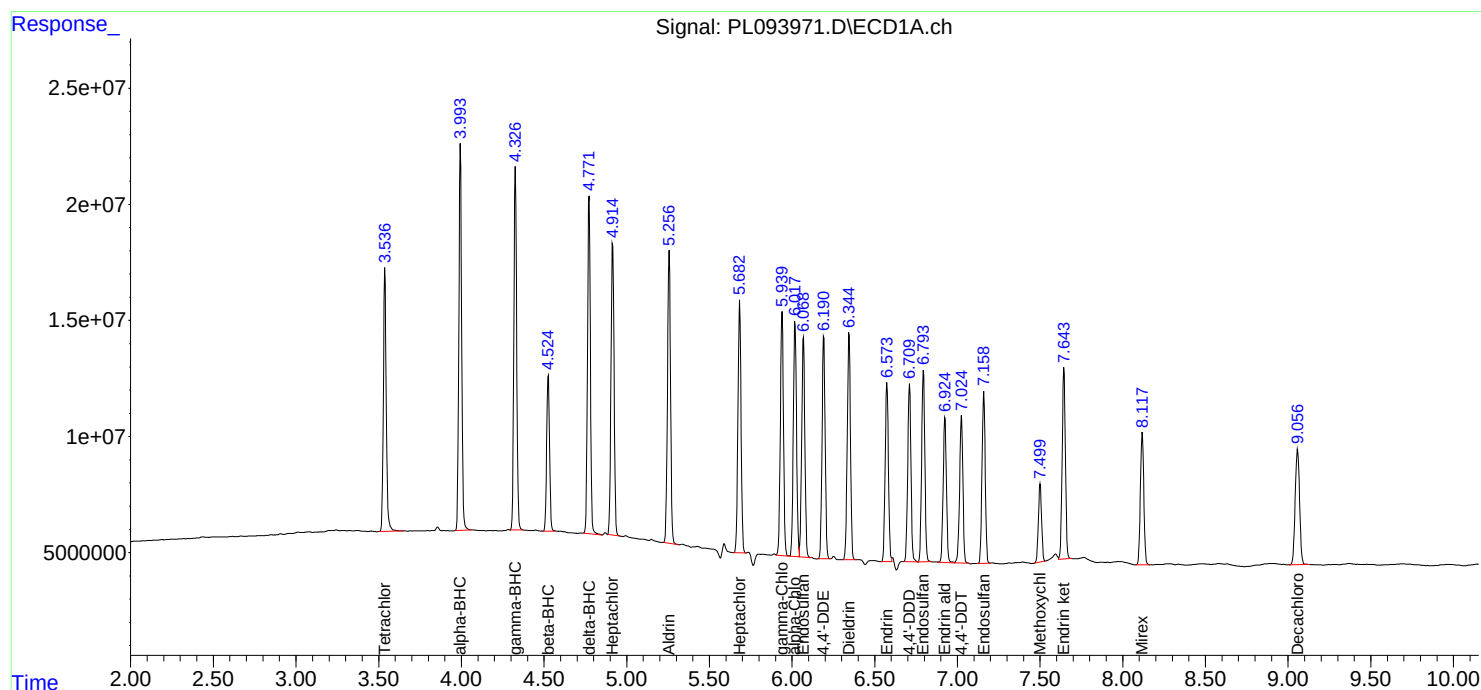
## APPROVED

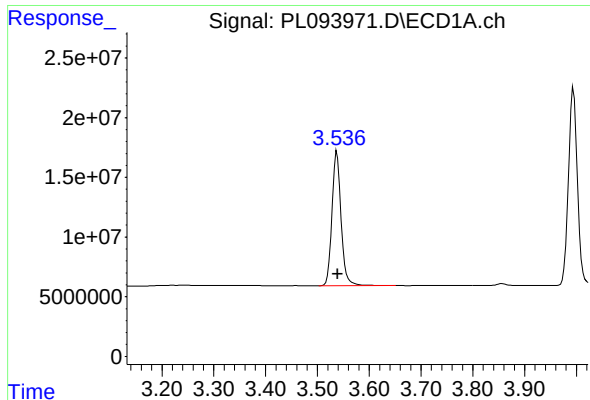
Reviewed By :Abdul Mirza 02/03/2025

Supervised By :Ankita Jodhani 02/03/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 01 01:09:45 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL012125.M  
Quant Title : GC Extractables  
QLast Update : Tue Jan 21 14:58:05 2025  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





#1 Tetrachloro-m-xylene

R.T.: 3.538 min  
Delta R.T.: -0.001 min  
Response: 137617679  
Conc: 51.11 ng/ml

Instrument :

ECD\_L

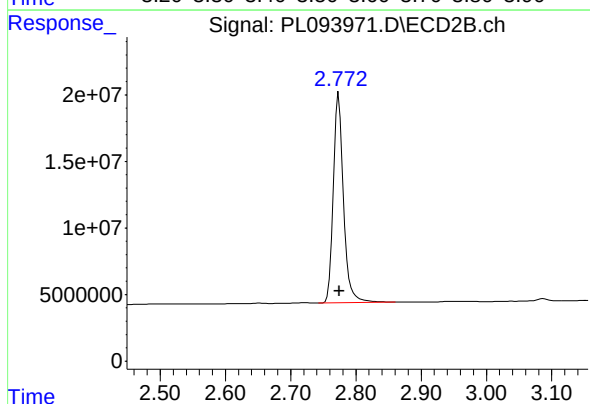
ClientSampleId :

PSTDCCC050

Manual Integrations

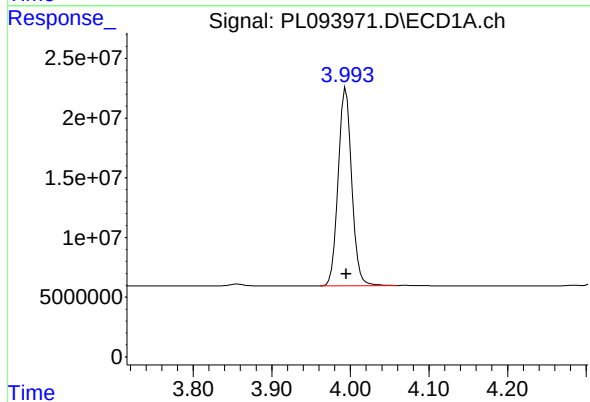
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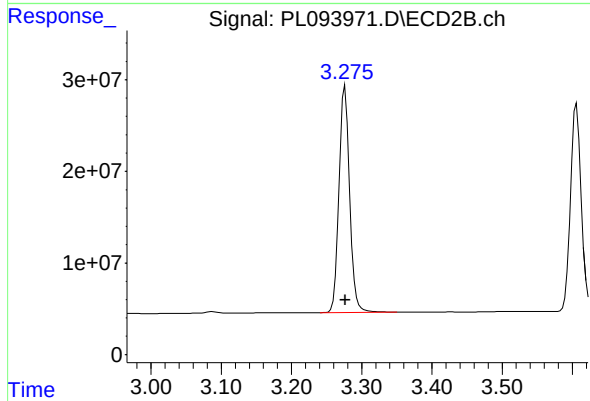
#1 Tetrachloro-m-xylene

R.T.: 2.774 min  
Delta R.T.: 0.000 min  
Response: 170615450  
Conc: 52.27 ng/ml



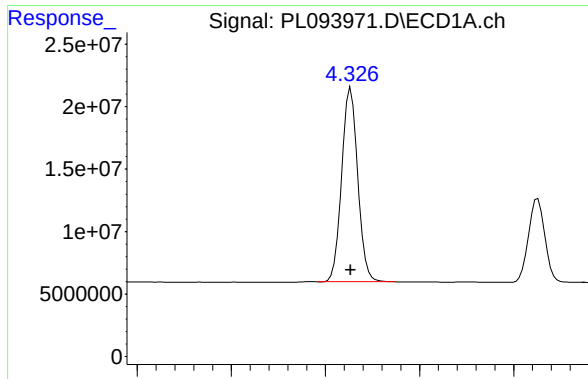
#2 alpha-BHC

R.T.: 3.994 min  
Delta R.T.: 0.000 min  
Response: 197929895  
Conc: 51.63 ng/ml



#2 alpha-BHC

R.T.: 3.276 min  
Delta R.T.: 0.000 min  
Response: 259690513  
Conc: 53.12 ng/ml



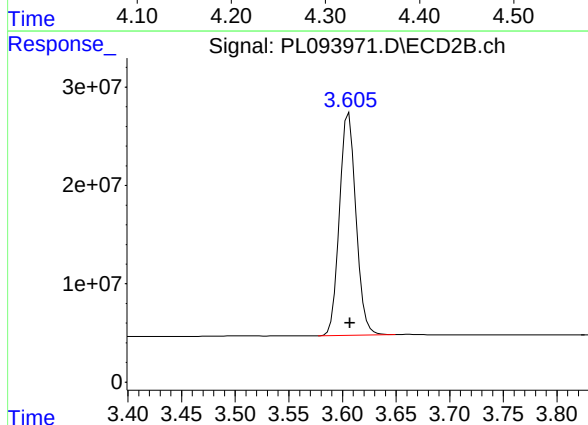
#3 gamma-BHC (Lindane)

R.T.: 4.327 min  
Delta R.T.: 0.000 min  
Response: 184303795  
Conc: 50.04 ng/ml

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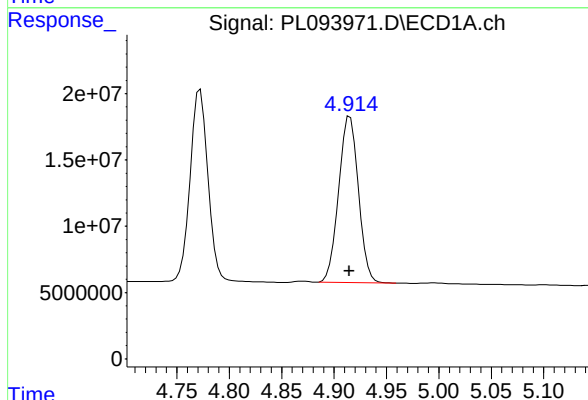
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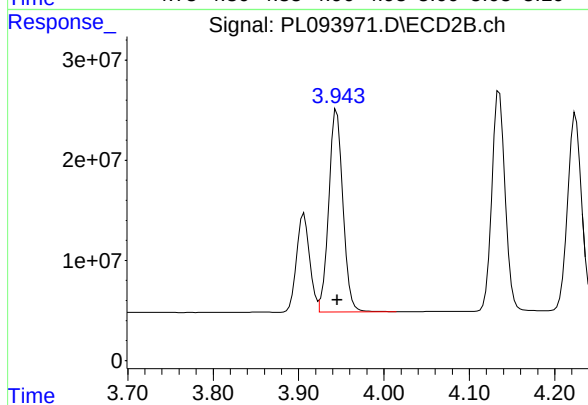
#3 gamma-BHC (Lindane)

R.T.: 3.606 min  
Delta R.T.: -0.001 min  
Response: 242279064  
Conc: 51.10 ng/ml



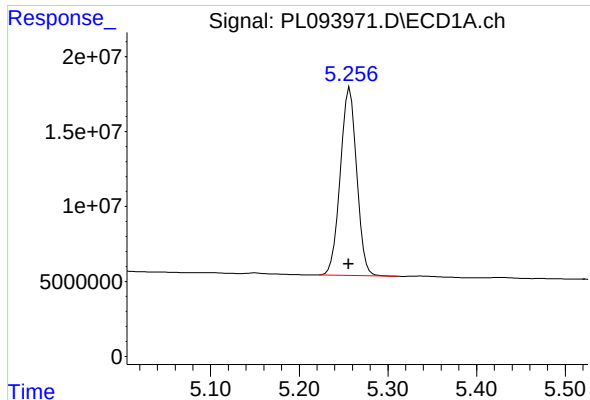
#4 Heptachlor

R.T.: 4.915 min  
Delta R.T.: 0.000 min  
Response: 164258733  
Conc: 50.12 ng/ml



#4 Heptachlor

R.T.: 3.945 min  
Delta R.T.: 0.000 min  
Response: 233773504  
Conc: 50.22 ng/ml



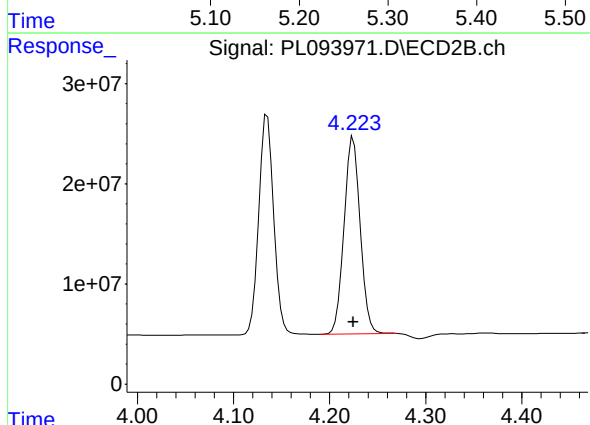
#5 Aldrin

R.T.: 5.257 min  
Delta R.T.: 0.001 min  
Response: 160808163  
Conc: 49.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

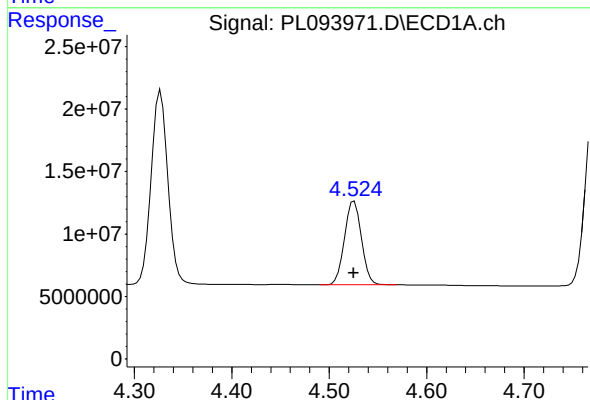
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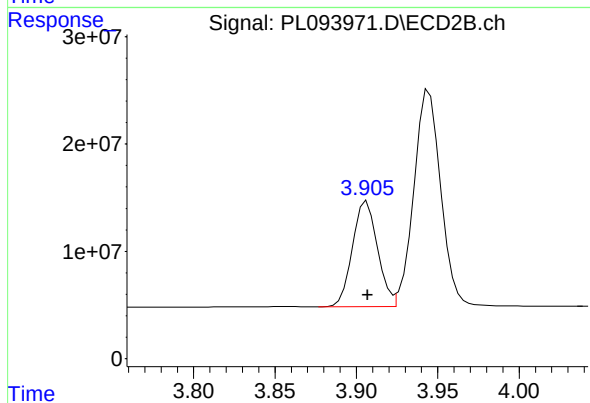
#5 Aldrin

R.T.: 4.224 min  
Delta R.T.: 0.000 min  
Response: 228224277  
Conc: 50.03 ng/ml



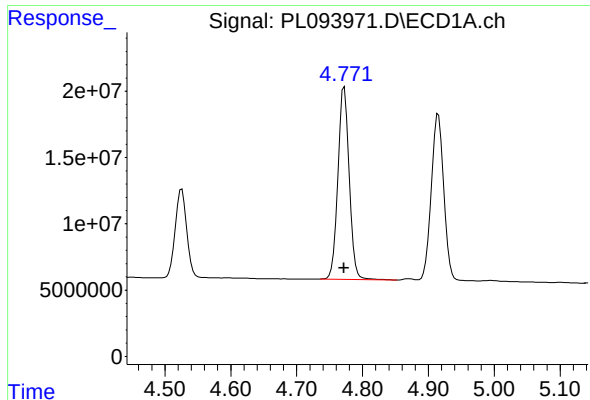
#6 beta-BHC

R.T.: 4.526 min  
Delta R.T.: 0.000 min  
Response: 81125313  
Conc: 50.47 ng/ml



#6 beta-BHC

R.T.: 3.906 min  
Delta R.T.: 0.000 min  
Response: 105619555  
Conc: 52.88 ng/ml



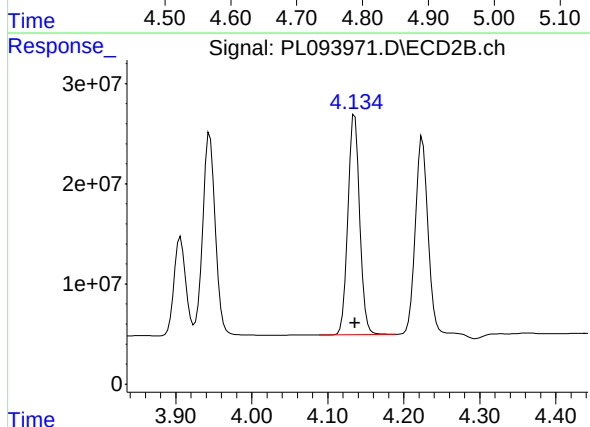
#7 delta-BHC

R.T.: 4.772 min  
Delta R.T.: 0.000 min  
Response: 173193791  
Conc: 49.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

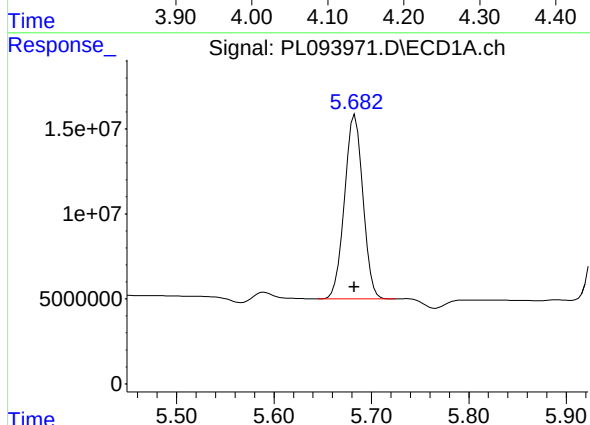
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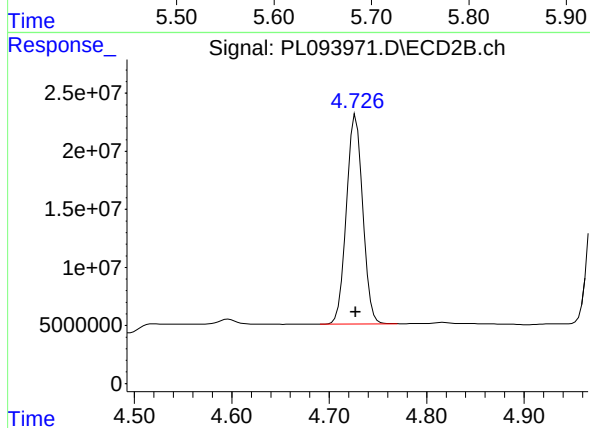
#7 delta-BHC

R.T.: 4.135 min  
Delta R.T.: 0.000 min  
Response: 237802685  
Conc: 50.05 ng/ml



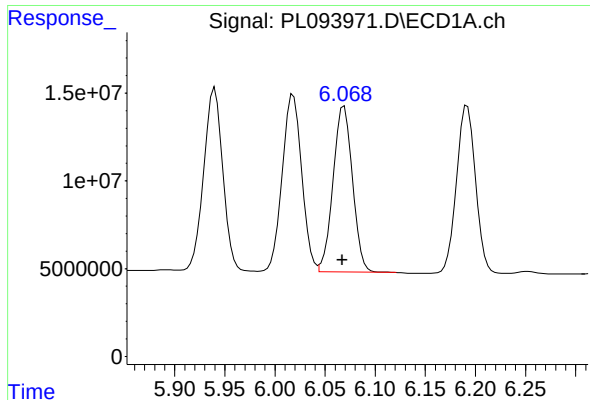
#8 Heptachlor epoxide

R.T.: 5.683 min  
Delta R.T.: 0.000 min  
Response: 142110295  
Conc: 47.79 ng/ml



#8 Heptachlor epoxide

R.T.: 4.727 min  
Delta R.T.: 0.000 min  
Response: 209288866  
Conc: 50.07 ng/ml



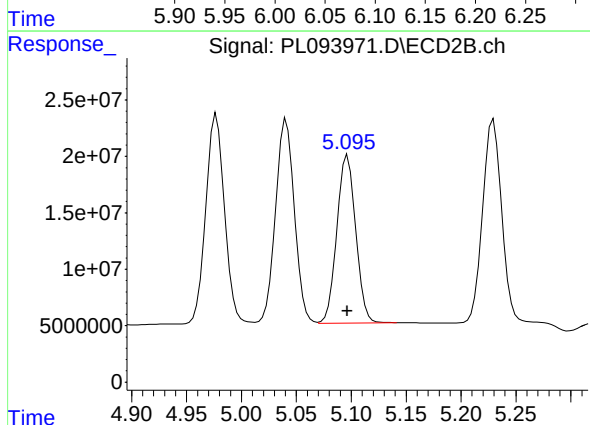
#9 Endosulfan I

R.T.: 6.069 min  
Delta R.T.: 0.002 min  
Response: 127025462  
Conc: 48.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

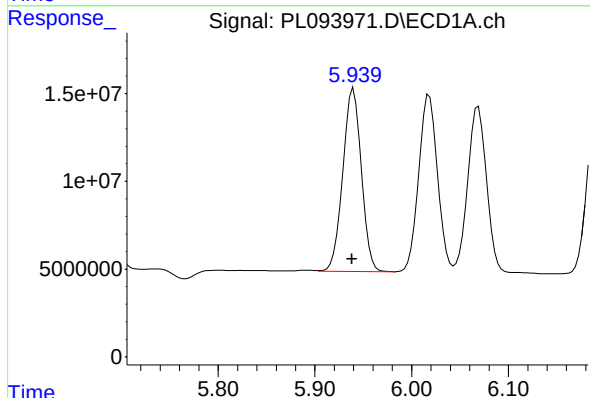
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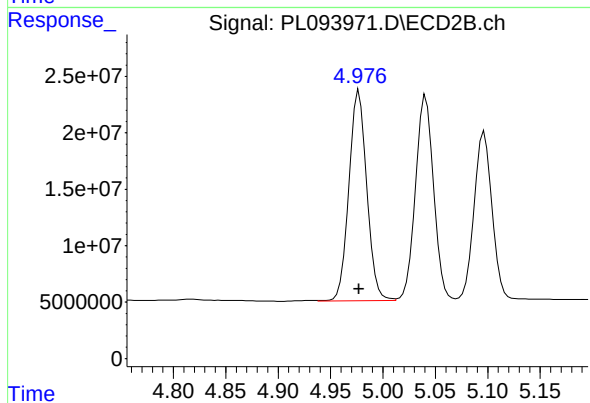
#9 Endosulfan I

R.T.: 5.097 min  
Delta R.T.: 0.000 min  
Response: 177320788  
Conc: 45.74 ng/ml



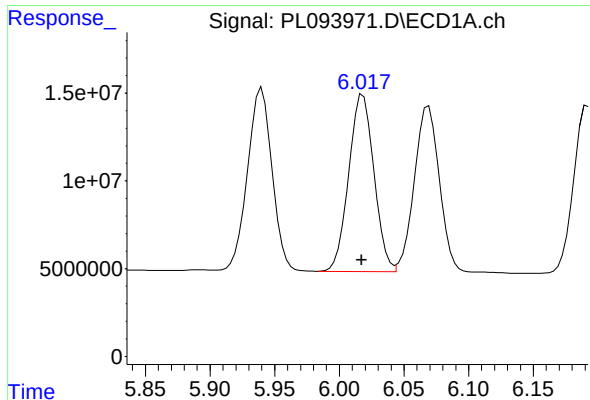
#10 gamma-Chlordane

R.T.: 5.940 min  
Delta R.T.: 0.002 min  
Response: 138116385  
Conc: 49.55 ng/ml



#10 gamma-Chlordane

R.T.: 4.977 min  
Delta R.T.: 0.000 min  
Response: 222332589  
Conc: 52.47 ng/ml



#11 alpha-Chlordane

R.T.: 6.018 min  
Delta R.T.: 0.001 min  
Response: 136776971  
Conc: 49.05 ng/ml

Instrument :

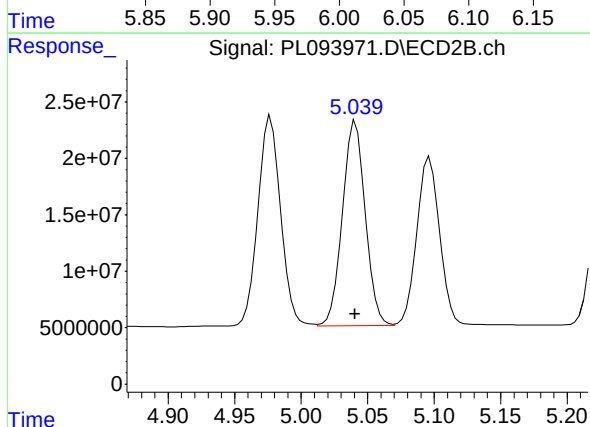
ECD\_L

ClientSampleId :

PSTDCCC050

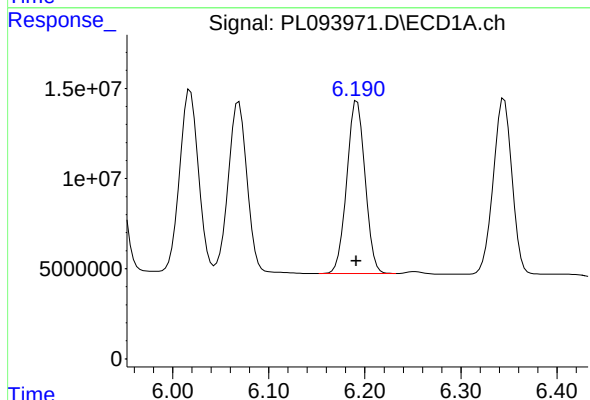
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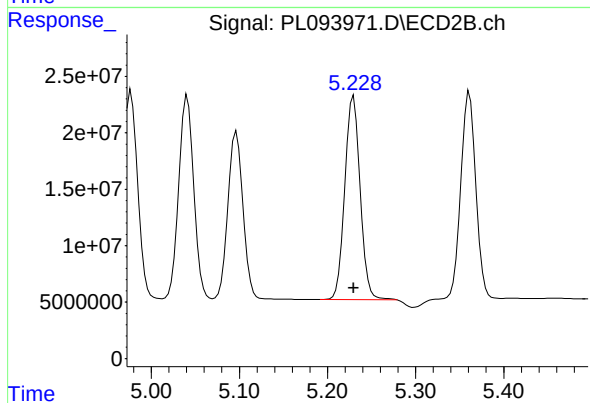
#11 alpha-Chlordane

R.T.: 5.041 min  
Delta R.T.: 0.000 min  
Response: 216520758  
Conc: 51.72 ng/ml



#12 4,4'-DDE

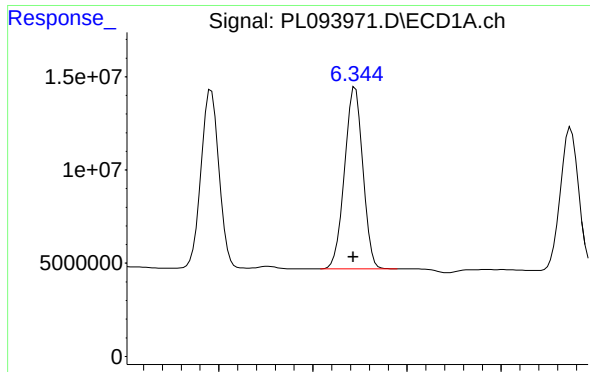
R.T.: 6.192 min  
Delta R.T.: 0.000 min  
Response: 126294058  
Conc: 51.87 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min  
Delta R.T.: 0.000 min  
Response: 218947610  
Conc: 54.61 ng/ml





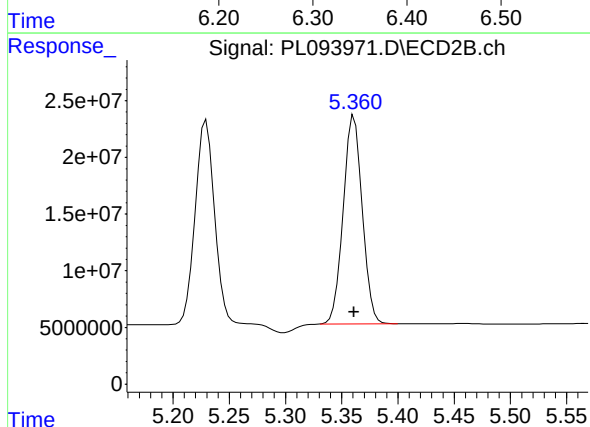
#13 Dieldrin

R.T.: 6.345 min  
Delta R.T.: 0.002 min  
Response: 131914872  
Conc: 47.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

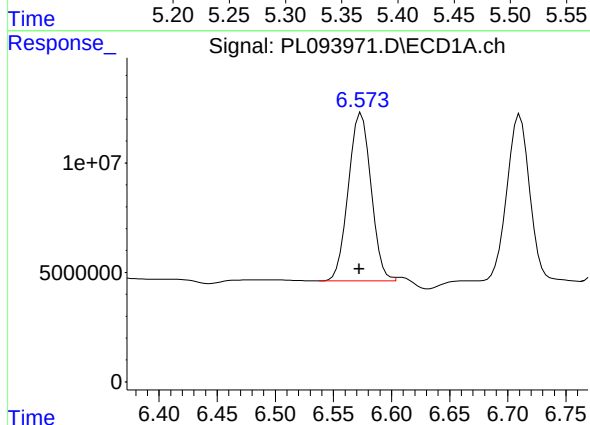
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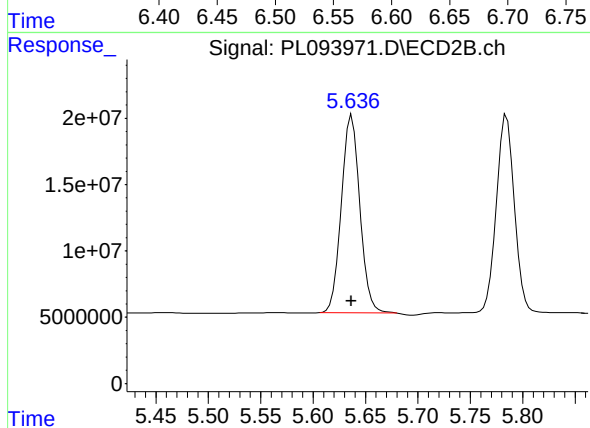
#13 Dieldrin

R.T.: 5.361 min  
Delta R.T.: 0.000 min  
Response: 216891243  
Conc: 50.49 ng/ml



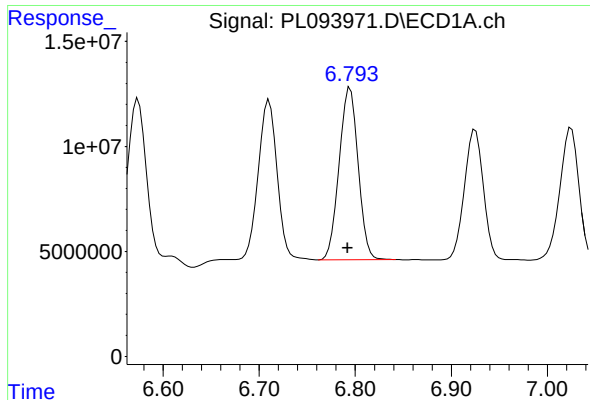
#14 Endrin

R.T.: 6.573 min  
Delta R.T.: 0.000 min  
Response: 104266266  
Conc: 44.47 ng/ml m



#14 Endrin

R.T.: 5.637 min  
Delta R.T.: 0.000 min  
Response: 183753883  
Conc: 49.76 ng/ml



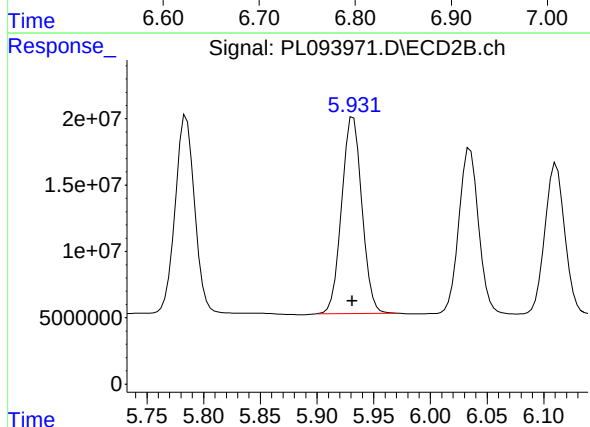
#15 Endosulfan II

R.T.: 6.795 min  
Delta R.T.: 0.003 min  
Response: 111631719  
Conc: 46.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

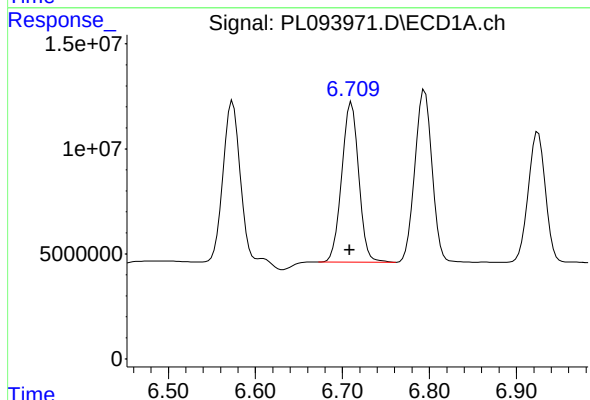
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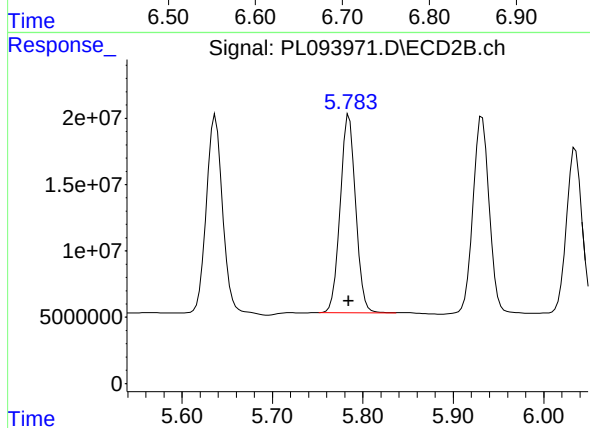
#15 Endosulfan II

R.T.: 5.932 min  
Delta R.T.: 0.000 min  
Response: 183774349  
Conc: 49.62 ng/ml



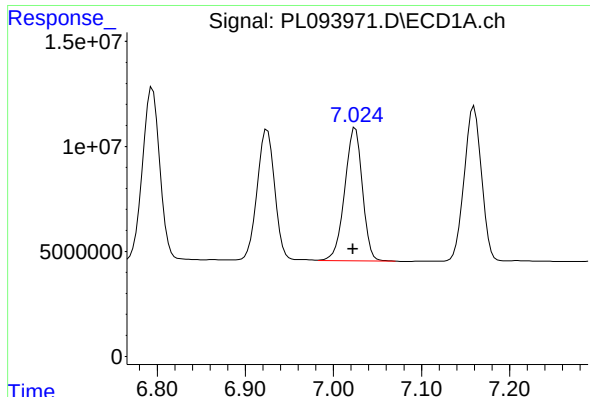
#16 4,4'-DDD

R.T.: 6.711 min  
Delta R.T.: 0.002 min  
Response: 104011017  
Conc: 54.73 ng/ml



#16 4,4'-DDD

R.T.: 5.785 min  
Delta R.T.: 0.000 min  
Response: 177390621  
Conc: 56.20 ng/ml



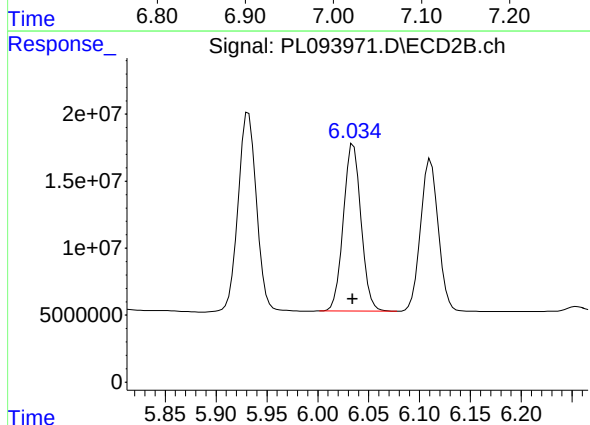
#17 4,4'-DDT

R.T.: 7.025 min  
Delta R.T.: 0.003 min  
Response: 88412487  
Conc: 44.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

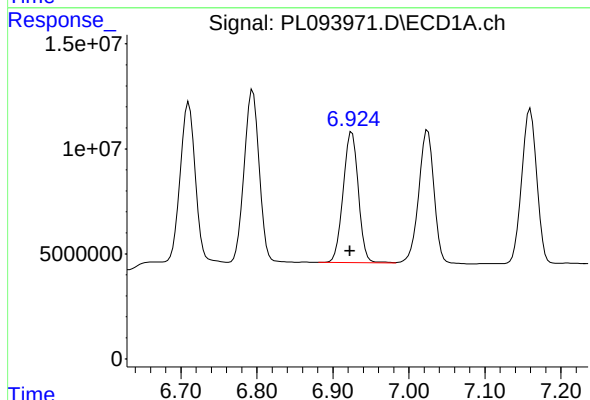
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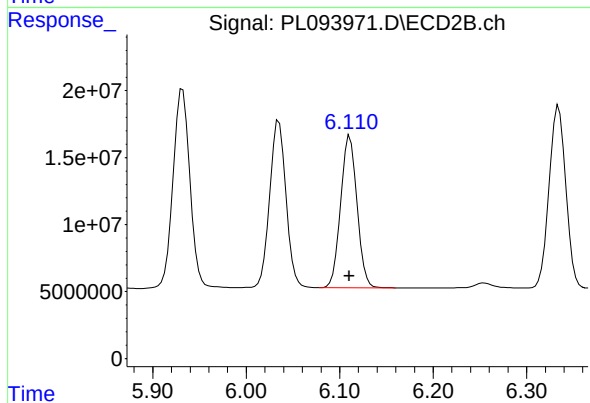
#17 4,4'-DDT

R.T.: 6.035 min  
Delta R.T.: 0.000 min  
Response: 151169658  
Conc: 46.46 ng/ml



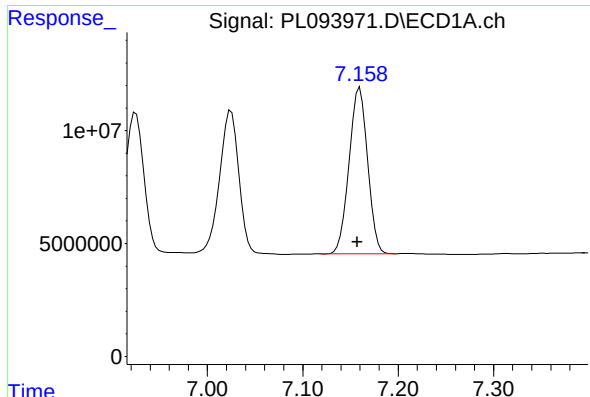
#18 Endrin aldehyde

R.T.: 6.925 min  
Delta R.T.: 0.002 min  
Response: 86568776  
Conc: 44.53 ng/ml



#18 Endrin aldehyde

R.T.: 6.111 min  
Delta R.T.: 0.000 min  
Response: 138148088  
Conc: 45.37 ng/ml



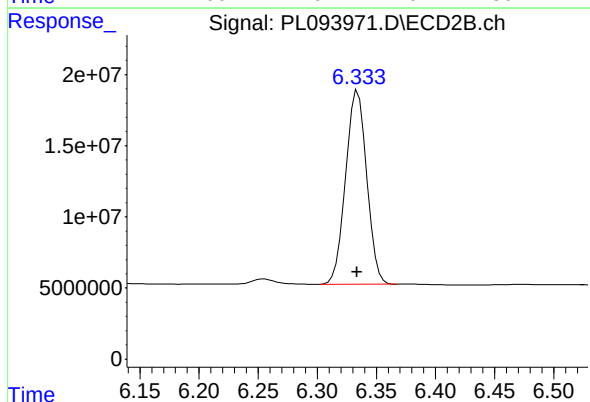
#19 Endosulfan Sulfate

R.T.: 7.160 min  
Delta R.T.: 0.003 min  
Response: 100219540  
Conc: 44.27 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

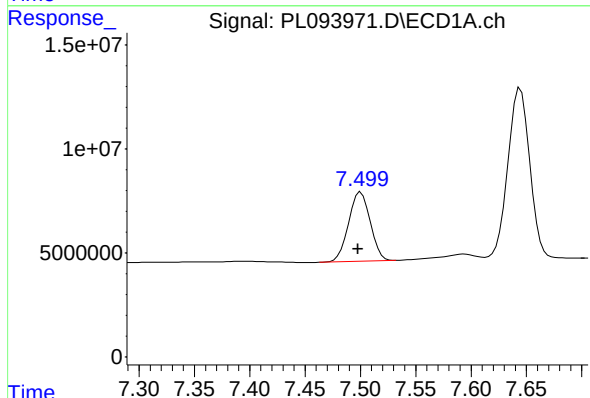
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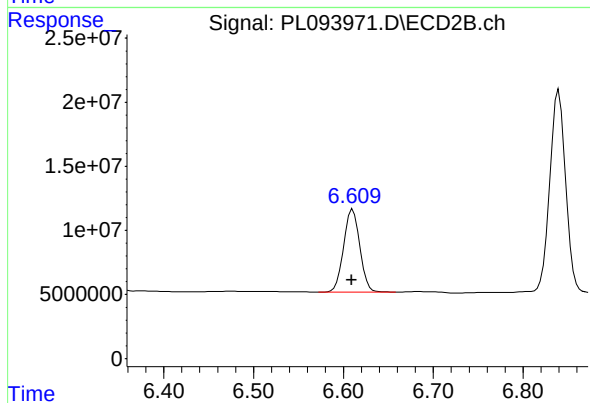
#19 Endosulfan Sulfate

R.T.: 6.334 min  
Delta R.T.: 0.000 min  
Response: 169037546  
Conc: 47.40 ng/ml



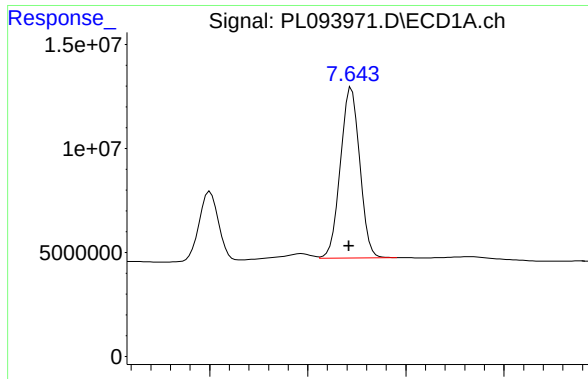
#20 Methoxychlor

R.T.: 7.500 min  
Delta R.T.: 0.003 min  
Response: 45529670  
Conc: 43.64 ng/ml



#20 Methoxychlor

R.T.: 6.611 min  
Delta R.T.: 0.001 min  
Response: 80874445  
Conc: 45.23 ng/ml



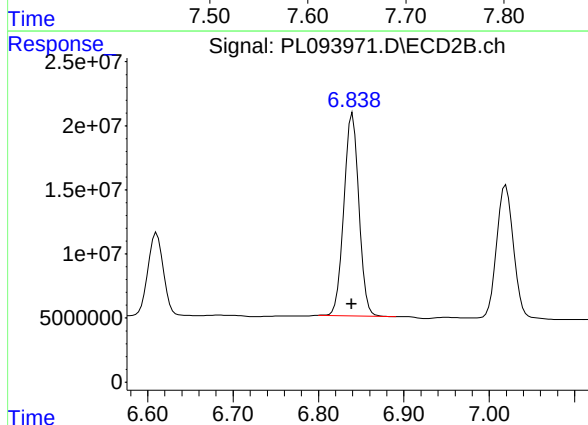
#21 Endrin ketone

R.T.: 7.645 min  
Delta R.T.: 0.003 min  
Response: 112662187  
Conc: 44.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

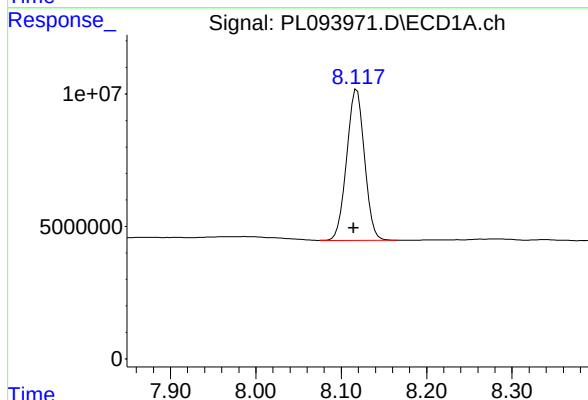
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/03/2025  
Supervised By :Ankita Jodhani 02/03/2025



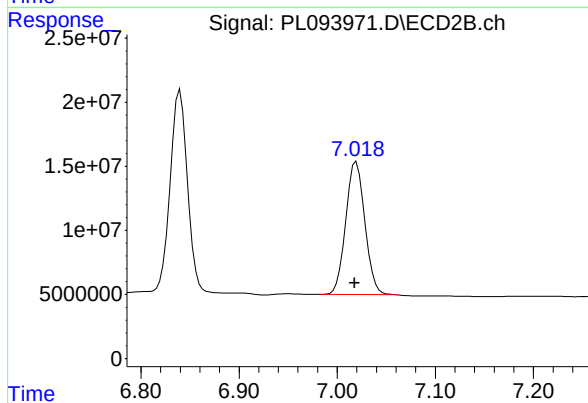
#21 Endrin ketone

R.T.: 6.840 min  
Delta R.T.: 0.000 min  
Response: 192435988  
Conc: 45.87 ng/ml



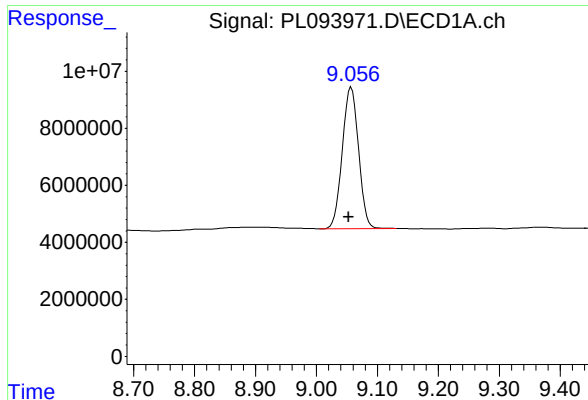
#22 Mirex

R.T.: 8.118 min  
Delta R.T.: 0.004 min  
Response: 82894240  
Conc: 39.81 ng/ml



#22 Mirex

R.T.: 7.020 min  
Delta R.T.: 0.002 min  
Response: 140640985  
Conc: 41.59 ng/ml



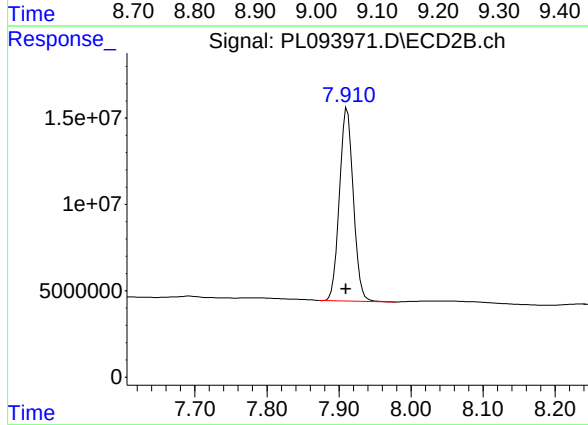
#28 Decachlorobiphenyl

R.T.: 9.057 min  
Delta R.T.: 0.004 min  
Response: 92166830  
Conc: 44.06 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/03/2025  
Supervised By :Ankita Jodhani 02/03/2025



#28 Decachlorobiphenyl

R.T.: 7.911 min  
Delta R.T.: 0.001 min  
Response: 148352395  
Conc: 42.34 ng/ml