

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032625\  
 Data File : PL094867.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 26 Mar 2025 12:31  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 03/27/2025  
 Supervised By : mohammad ahmed 03/28/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 26 14:47:57 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031125.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Mar 11 17:42:21 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... | 3.540 | 2.770 | 126.4E6  | 178.8E6 | 44.662 | 50.101  |
| 28)                         | SA Decachlor... | 9.058 | 7.904 | 100.0E6  | 192.4E6 | 47.453 | 47.636  |
| Target Compounds            |                 |       |       |          |         |        |         |
| 2)                          | A alpha-BHC     | 3.996 | 3.272 | 184.6E6  | 270.9E6 | 44.460 | 50.246  |
| 3)                          | MA gamma-BHC... | 4.329 | 3.601 | 176.2E6  | 254.8E6 | 44.152 | 49.572  |
| 4)                          | MA Heptachlor   | 4.916 | 3.939 | 165.8E6  | 250.2E6 | 42.719 | 47.491  |
| 5)                          | MB Aldrin       | 5.258 | 4.218 | 156.7E6  | 234.5E6 | 42.430 | 48.086  |
| 6)                          | B beta-BHC      | 4.528 | 3.902 | 79422343 | 109.6E6 | 43.042 | 49.345  |
| 7)                          | B delta-BHC     | 4.774 | 4.130 | 172.3E6  | 251.8E6 | 44.241 | 50.349  |
| 8)                          | B Heptachlo...  | 5.685 | 4.721 | 143.3E6  | 218.3E6 | 42.851 | 47.673  |
| 9)                          | A Endosulfan I  | 6.071 | 5.091 | 134.3E6  | 205.3E6 | 43.735 | 46.778  |
| 10)                         | B gamma-Chl...  | 5.941 | 4.971 | 146.1E6  | 230.6E6 | 43.358 | 47.753  |
| 11)                         | B alpha-Chl...  | 6.020 | 5.035 | 143.8E6  | 226.3E6 | 43.604 | 47.412  |
| 12)                         | B 4,4'-DDE      | 6.194 | 5.222 | 139.9E6  | 228.2E6 | 47.561 | 49.094m |
| 13)                         | MA Dieldrin     | 6.346 | 5.353 | 141.3E6  | 232.7E6 | 44.191 | 47.966m |
| 14)                         | MA Endrin       | 6.575 | 5.631 | 122.9E6  | 206.3E6 | 44.333 | 47.269  |
| 15)                         | B Endosulfa...  | 6.795 | 5.926 | 119.9E6  | 205.0E6 | 44.153 | 47.357  |
| 16)                         | A 4,4'-DDD      | 6.712 | 5.778 | 105.1E6  | 182.2E6 | 48.519 | 50.676  |
| 17)                         | MA 4,4'-DDT     | 7.025 | 6.029 | 110.3E6  | 202.3E6 | 46.356 | 50.162  |
| 18)                         | B Endrin al...  | 6.926 | 6.105 | 92893846 | 158.7E6 | 44.005 | 47.166  |
| 19)                         | B Endosulfa...  | 7.161 | 6.328 | 107.8E6  | 197.3E6 | 44.339 | 48.446  |
| 20)                         | A Methoxychlor  | 7.502 | 6.604 | 58047457 | 108.6E6 | 48.491 | 51.181  |
| 21)                         | B Endrin ke...  | 7.646 | 6.834 | 118.8E6  | 238.9E6 | 44.959 | 50.052  |
| 22)                         | Mirex           | 8.118 | 7.013 | 87486944 | 183.0E6 | 42.340 | 48.224  |
| -----                       |                 |       |       |          |         |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL032625\  
Data File : PL094867.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 26 Mar 2025 12:31  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

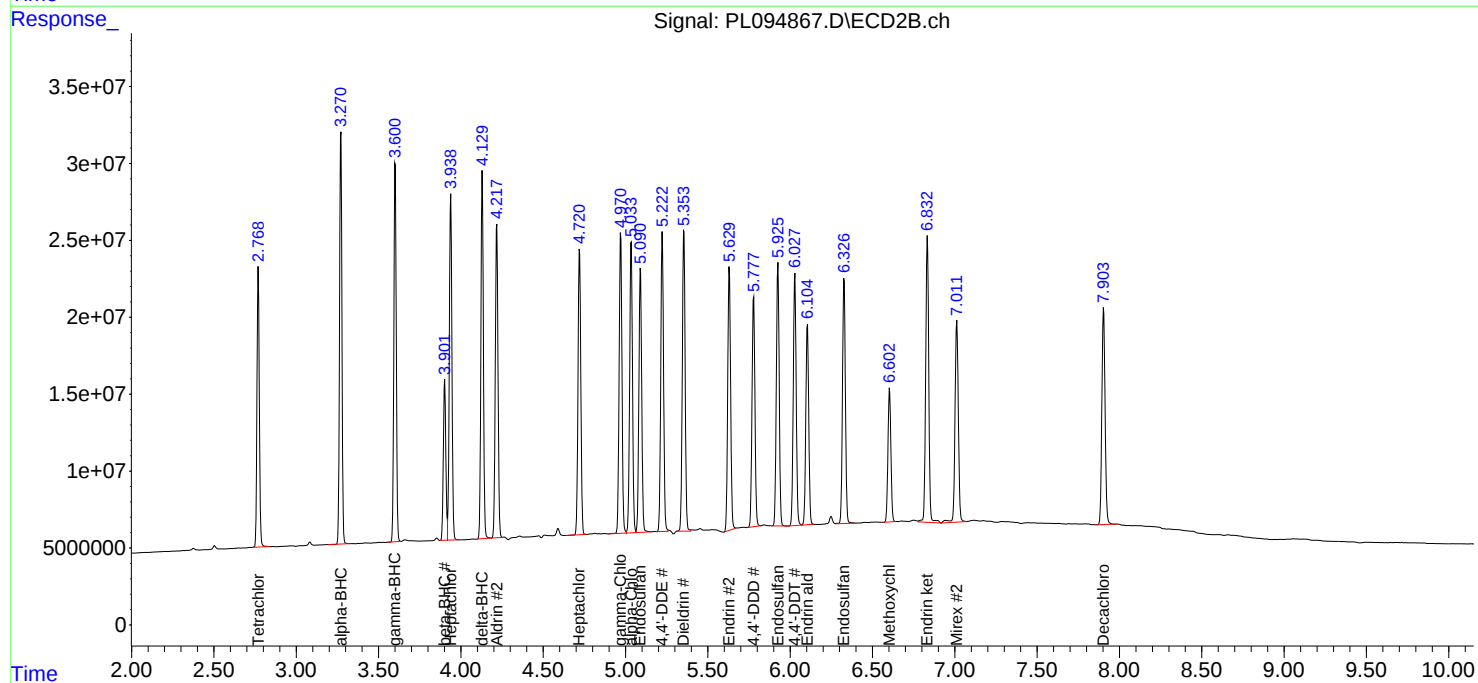
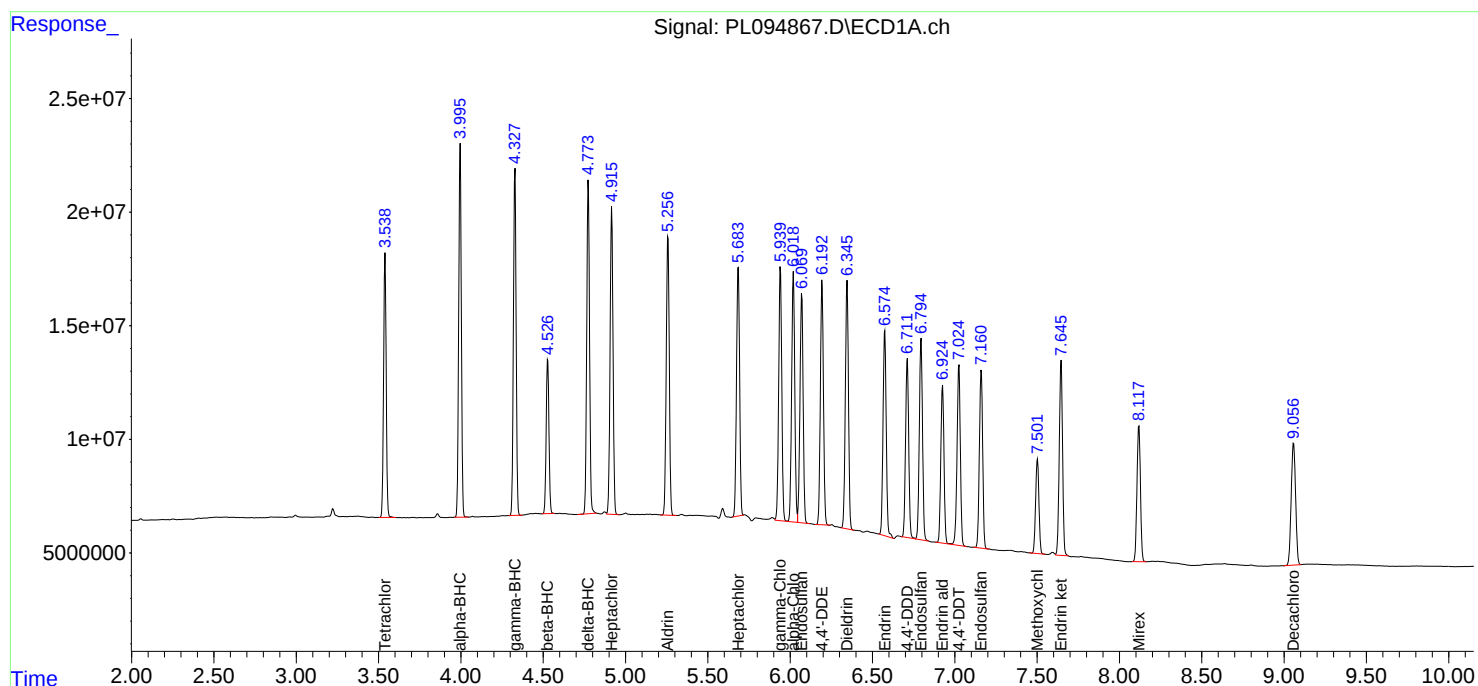
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

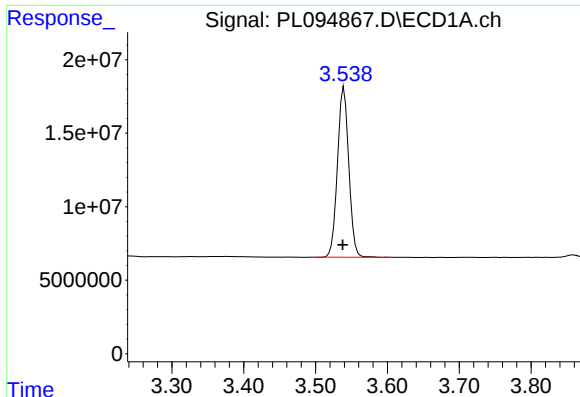
Manual Integrations  
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Supervised By :mohammad ahmed 03/28/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 26 14:47:57 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL031125.M  
Quant Title : GC Extractables  
QLast Update : Tue Mar 11 17:42:21 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





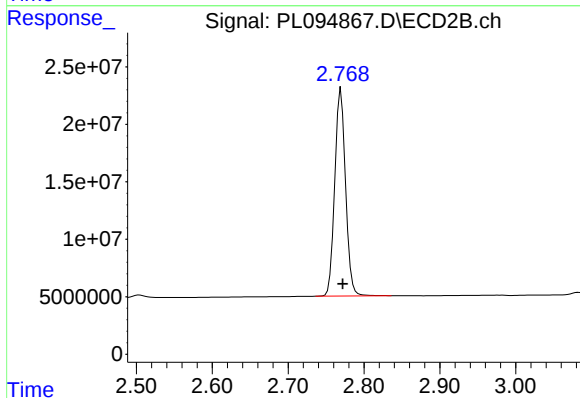
#1 Tetrachloro-m-xylene

R.T.: 3.540 min  
Delta R.T.: 0.002 min  
Response: 126422485  
Conc: 44.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

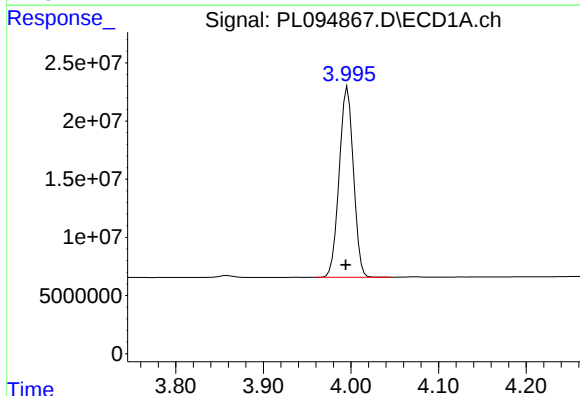
Manual Integrations  
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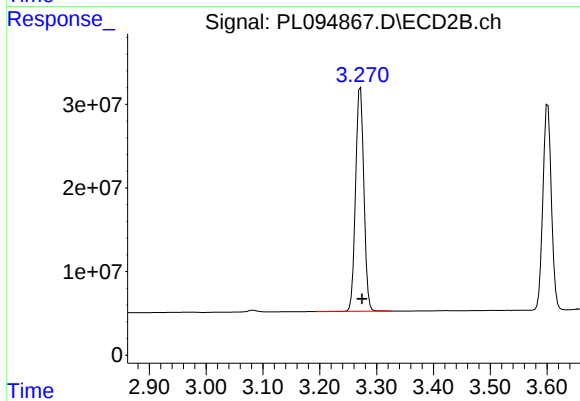
#1 Tetrachloro-m-xylene

R.T.: 2.770 min  
Delta R.T.: -0.002 min  
Response: 178824549  
Conc: 50.10 ng/ml



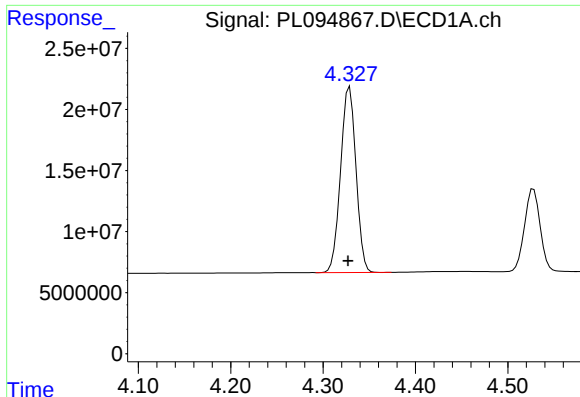
#2 alpha-BHC

R.T.: 3.996 min  
Delta R.T.: 0.002 min  
Response: 184613173  
Conc: 44.46 ng/ml



#2 alpha-BHC

R.T.: 3.272 min  
Delta R.T.: -0.003 min  
Response: 270894575  
Conc: 50.25 ng/ml



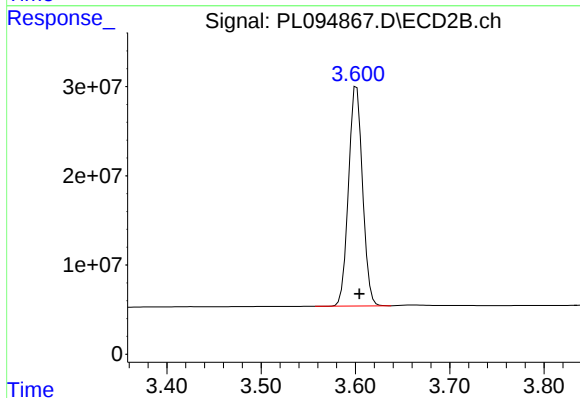
#3 gamma-BHC (Lindane)

R.T.: 4.329 min  
Delta R.T.: 0.002 min  
Response: 176177821  
Conc: 44.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

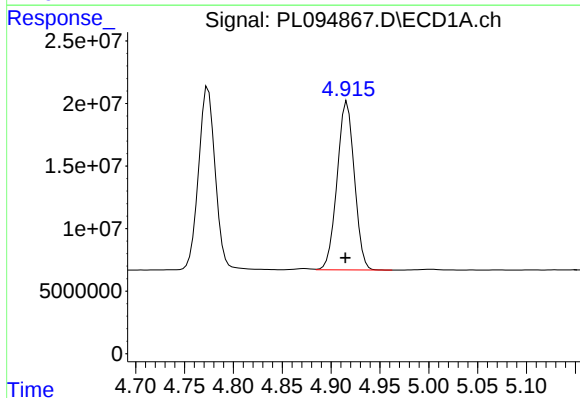
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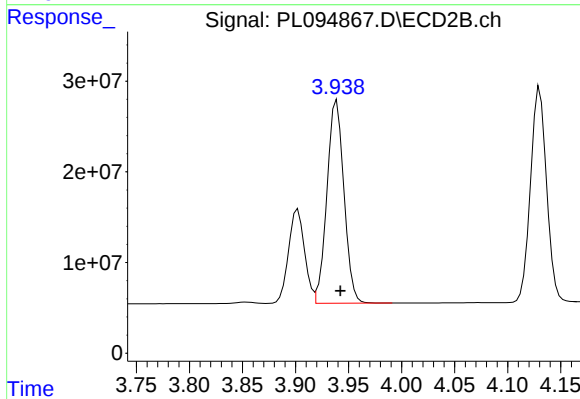
#3 gamma-BHC (Lindane)

R.T.: 3.601 min  
Delta R.T.: -0.003 min  
Response: 254772740  
Conc: 49.57 ng/ml



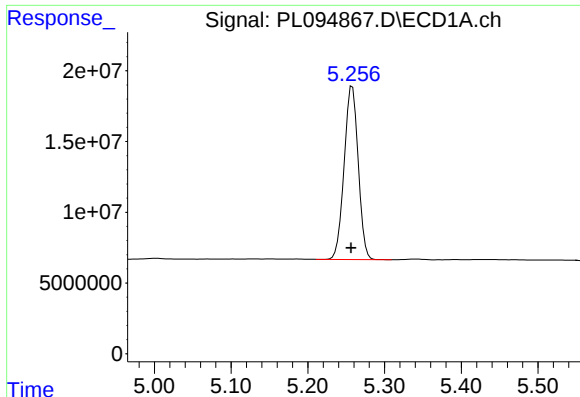
#4 Heptachlor

R.T.: 4.916 min  
Delta R.T.: 0.002 min  
Response: 165817377  
Conc: 42.72 ng/ml



#4 Heptachlor

R.T.: 3.939 min  
Delta R.T.: -0.004 min  
Response: 250214735  
Conc: 47.49 ng/ml



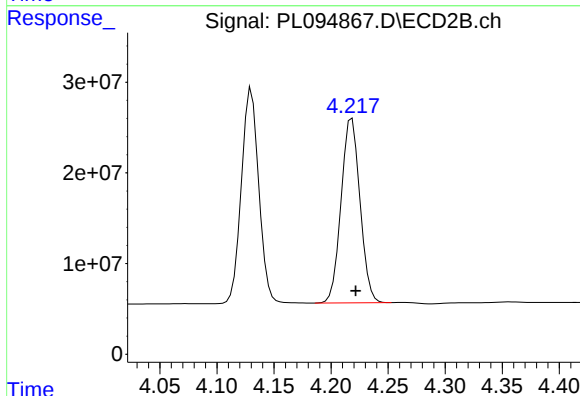
#5 Aldrin

R.T.: 5.258 min  
Delta R.T.: 0.002 min  
Response: 156662228  
Conc: 42.43 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

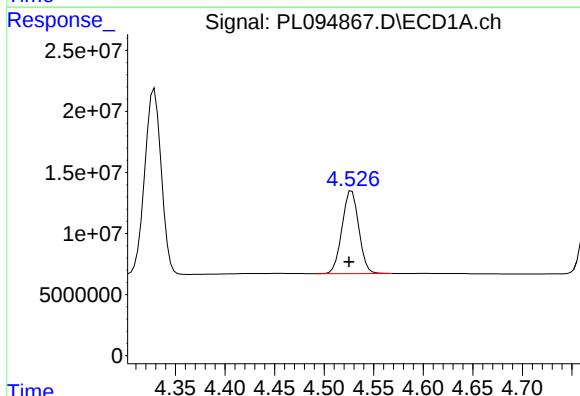
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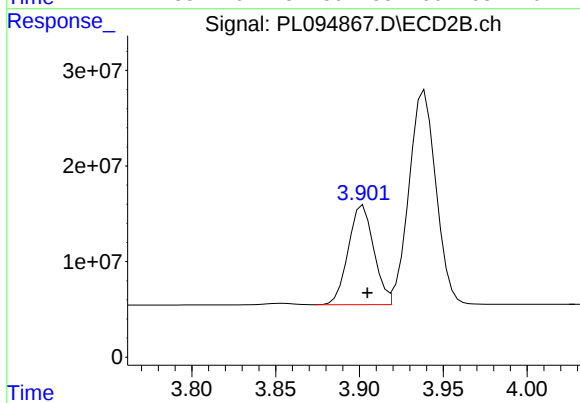
#5 Aldrin

R.T.: 4.218 min  
Delta R.T.: -0.003 min  
Response: 234483942  
Conc: 48.09 ng/ml



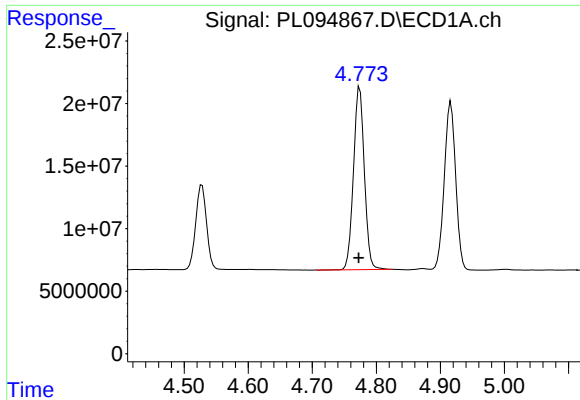
#6 beta-BHC

R.T.: 4.528 min  
Delta R.T.: 0.003 min  
Response: 79422343  
Conc: 43.04 ng/ml



#6 beta-BHC

R.T.: 3.902 min  
Delta R.T.: -0.003 min  
Response: 109609788  
Conc: 49.35 ng/ml



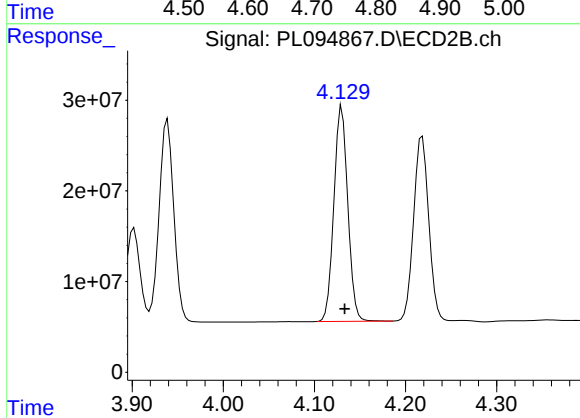
#7 delta-BHC

R.T.: 4.774 min  
Delta R.T.: 0.001 min  
Response: 172288338  
Conc: 44.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

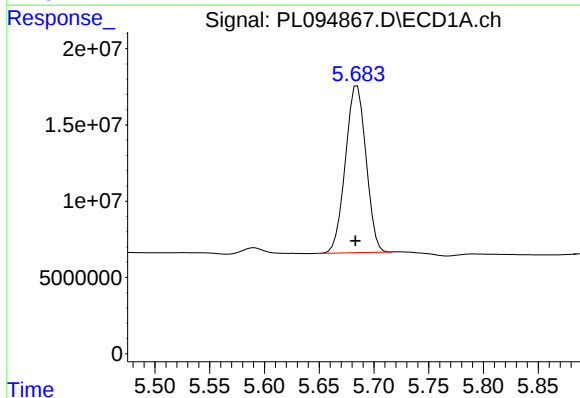
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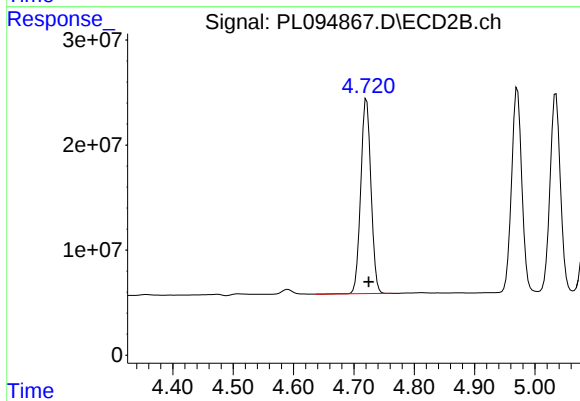
#7 delta-BHC

R.T.: 4.130 min  
Delta R.T.: -0.003 min  
Response: 251842419  
Conc: 50.35 ng/ml



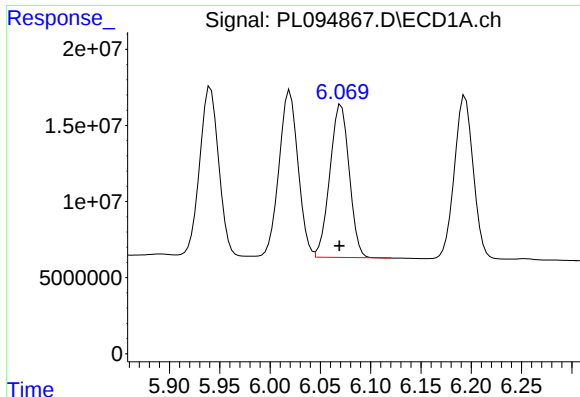
#8 Heptachlor epoxide

R.T.: 5.685 min  
Delta R.T.: 0.002 min  
Response: 143344869  
Conc: 42.85 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min  
Delta R.T.: -0.003 min  
Response: 218272969  
Conc: 47.67 ng/ml



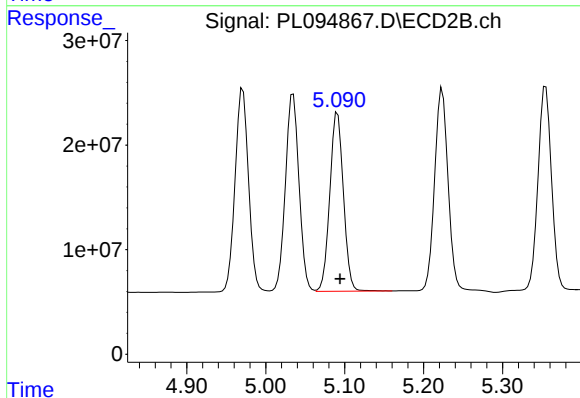
#9 Endosulfan I

R.T.: 6.071 min  
Delta R.T.: 0.002 min  
Response: 134276822  
Conc: 43.74 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

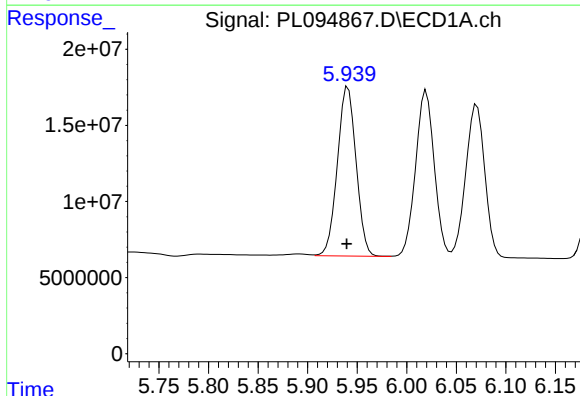
Manual Integrations  
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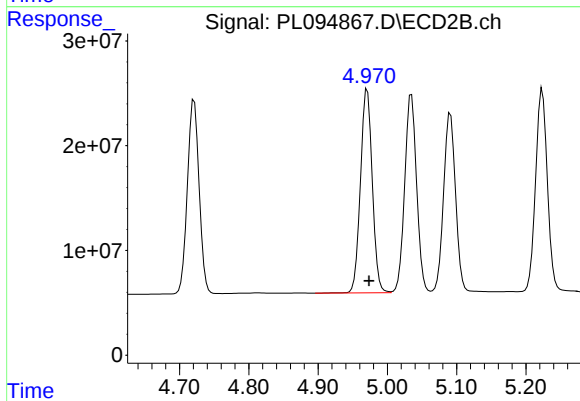
#9 Endosulfan I

R.T.: 5.091 min  
Delta R.T.: -0.003 min  
Response: 205295803  
Conc: 46.78 ng/ml



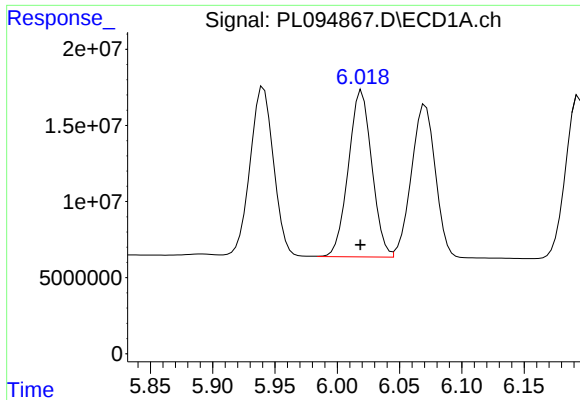
#10 gamma-Chlordane

R.T.: 5.941 min  
Delta R.T.: 0.001 min  
Response: 146089724  
Conc: 43.36 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min  
Delta R.T.: -0.003 min  
Response: 230571209  
Conc: 47.75 ng/ml



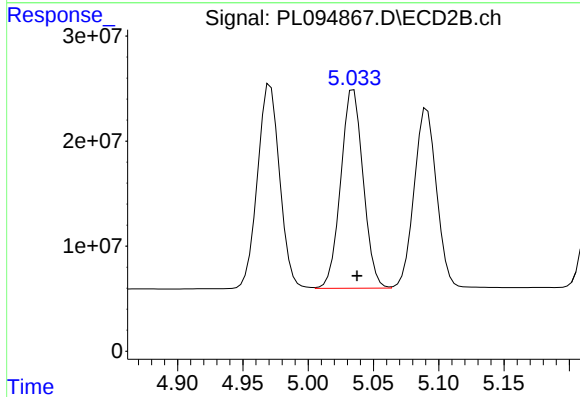
#11 alpha-Chlordane

R.T.: 6.020 min  
Delta R.T.: 0.001 min  
Response: 143756644  
Conc: 43.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

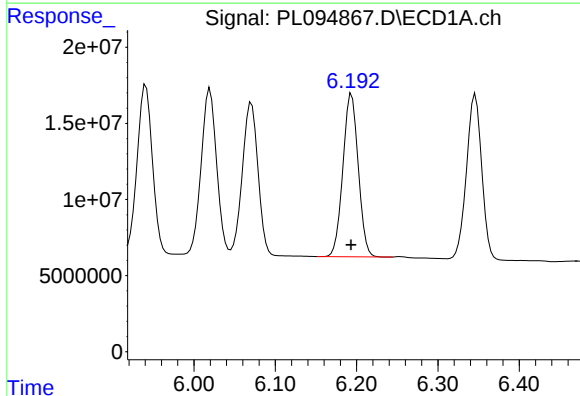
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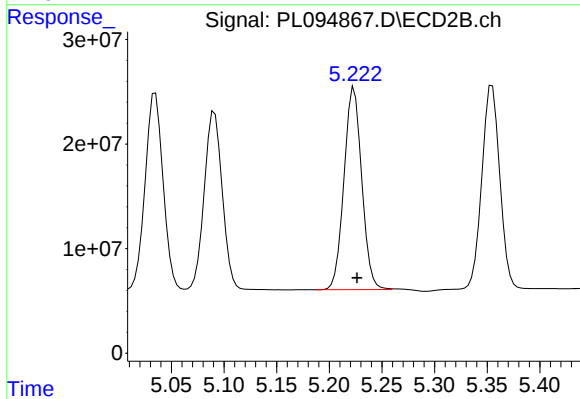
#11 alpha-Chlordane

R.T.: 5.035 min  
Delta R.T.: -0.003 min  
Response: 226287368  
Conc: 47.41 ng/ml



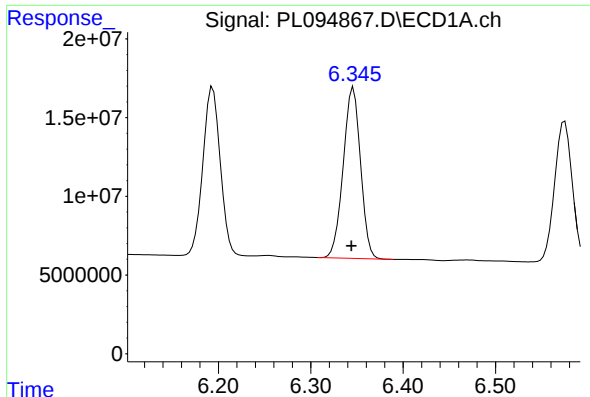
#12 4,4'-DDE

R.T.: 6.194 min  
Delta R.T.: 0.000 min  
Response: 139928440  
Conc: 47.56 ng/ml



#12 4,4'-DDE

R.T.: 5.222 min  
Delta R.T.: -0.004 min  
Response: 228214316  
Conc: 49.09 ng/ml m



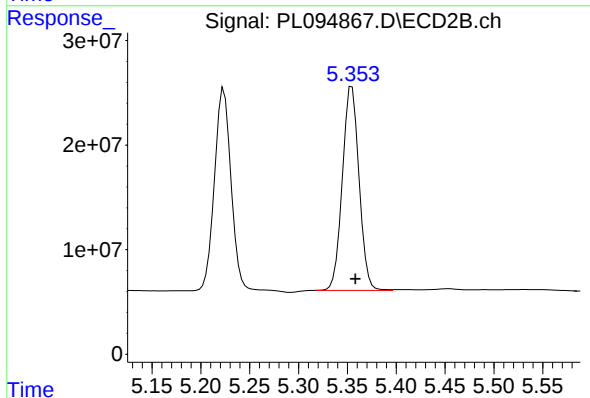
#13 Dieldrin

R.T.: 6.346 min  
Delta R.T.: 0.002 min  
Response: 141329191  
Conc: 44.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

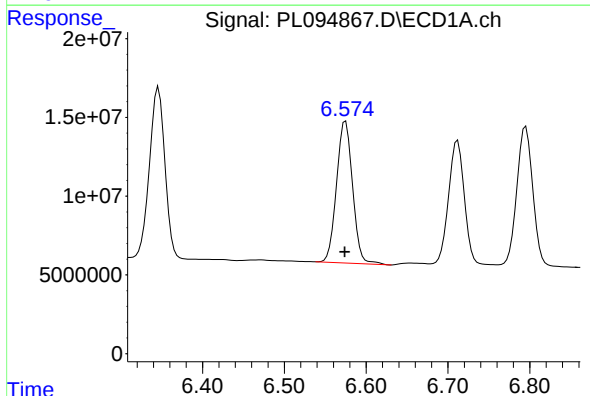
Manual Integrations  
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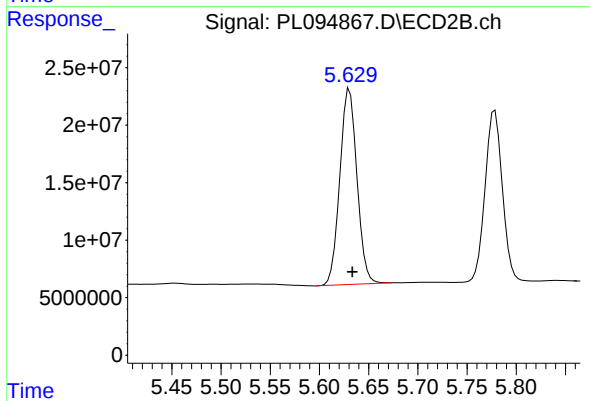
#13 Dieldrin

R.T.: 5.353 min  
Delta R.T.: -0.005 min  
Response: 232722796  
Conc: 47.97 ng/ml m



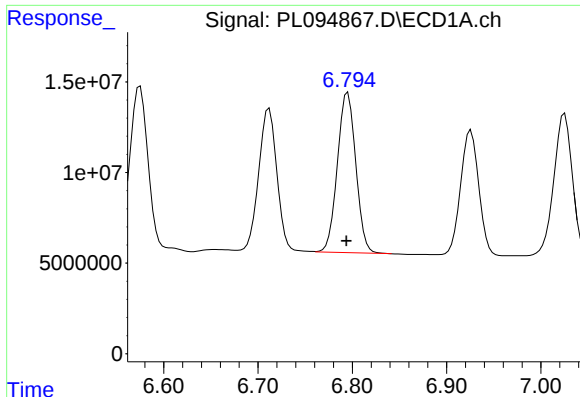
#14 Endrin

R.T.: 6.575 min  
Delta R.T.: 0.001 min  
Response: 122895217  
Conc: 44.33 ng/ml



#14 Endrin

R.T.: 5.631 min  
Delta R.T.: -0.003 min  
Response: 206266602  
Conc: 47.27 ng/ml



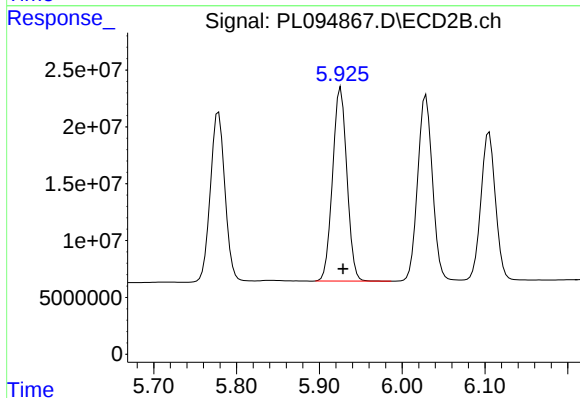
#15 Endosulfan II

R.T.: 6.795 min  
Delta R.T.: 0.002 min  
Response: 119863354  
Conc: 44.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

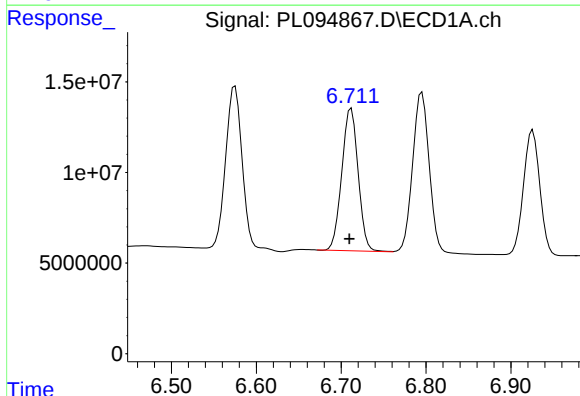
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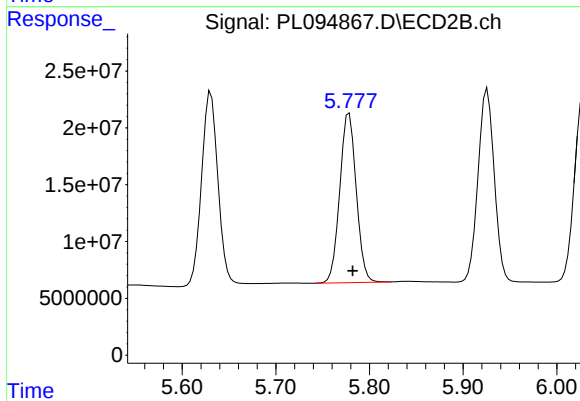
#15 Endosulfan II

R.T.: 5.926 min  
Delta R.T.: -0.003 min  
Response: 204971434  
Conc: 47.36 ng/ml



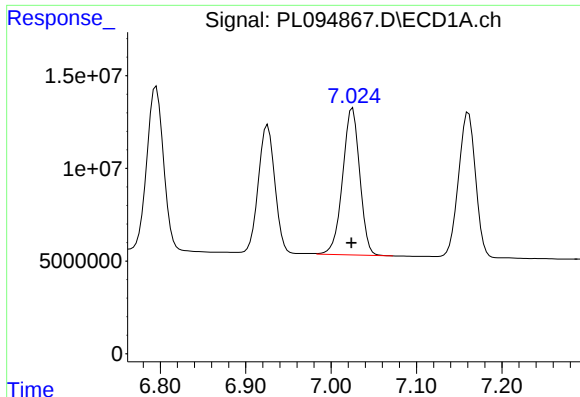
#16 4,4'-DDD

R.T.: 6.712 min  
Delta R.T.: 0.002 min  
Response: 105095076  
Conc: 48.52 ng/ml



#16 4,4'-DDD

R.T.: 5.778 min  
Delta R.T.: -0.004 min  
Response: 182223774  
Conc: 50.68 ng/ml



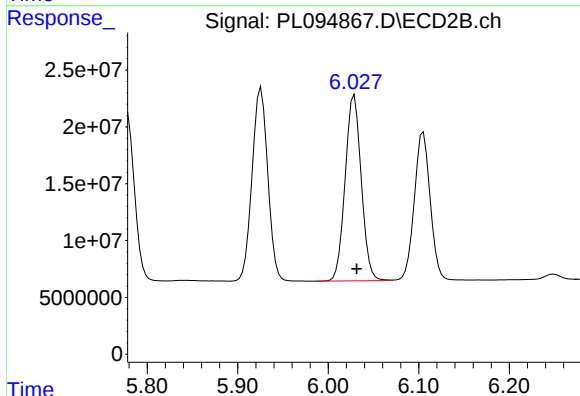
#17 4,4'-DDT

R.T.: 7.025 min  
Delta R.T.: 0.001 min  
Response: 110258937  
Conc: 46.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

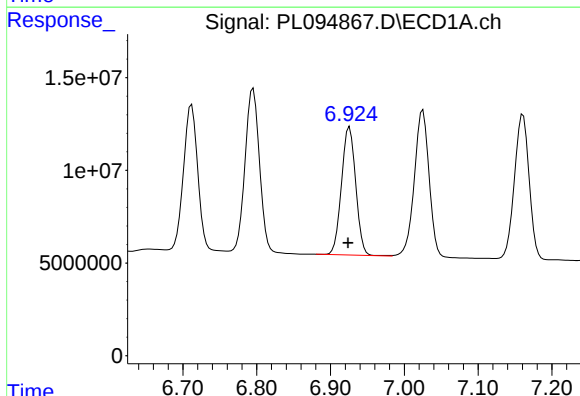
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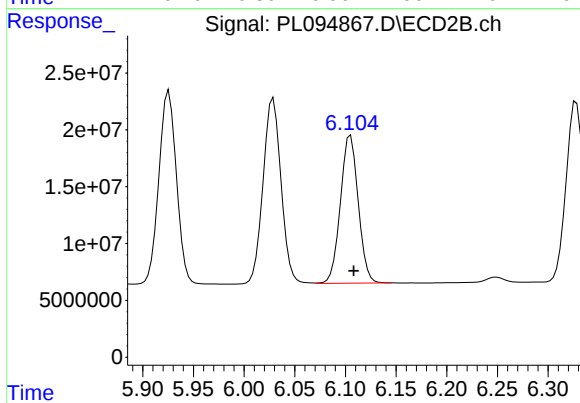
#17 4,4'-DDT

R.T.: 6.029 min  
Delta R.T.: -0.003 min  
Response: 202257606  
Conc: 50.16 ng/ml



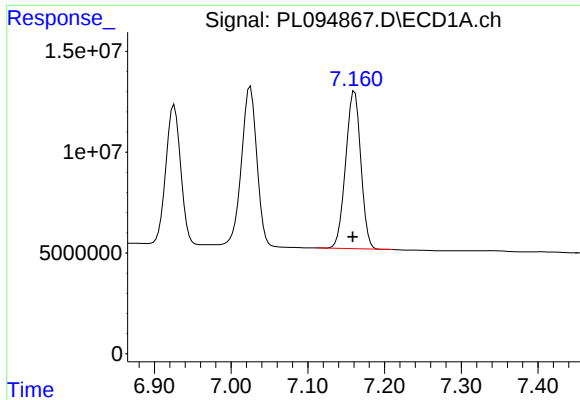
#18 Endrin aldehyde

R.T.: 6.926 min  
Delta R.T.: 0.002 min  
Response: 92893846  
Conc: 44.00 ng/ml



#18 Endrin aldehyde

R.T.: 6.105 min  
Delta R.T.: -0.003 min  
Response: 158730350  
Conc: 47.17 ng/ml



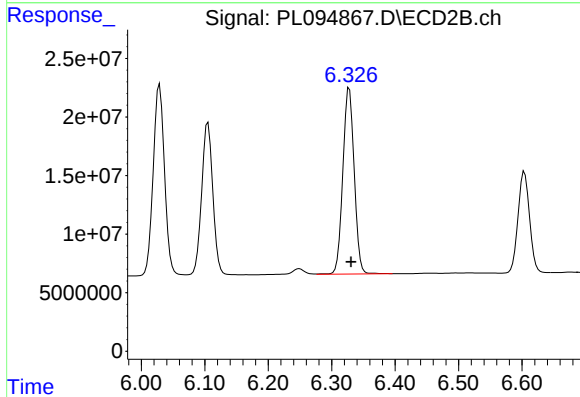
#19 Endosulfan Sulfate

R.T.: 7.161 min  
Delta R.T.: 0.002 min  
Response: 107834467  
Conc: 44.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

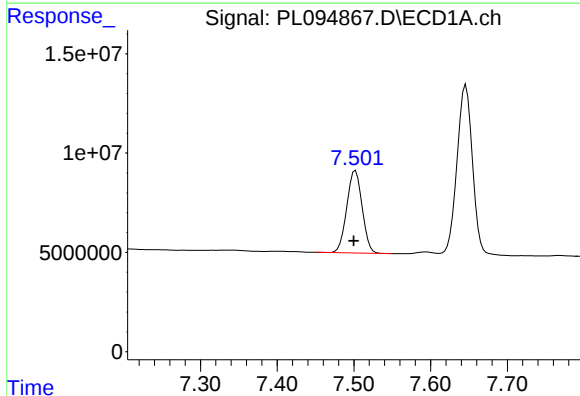
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APPROVED

Reviewed By :Abdul Mirza 03/27/2025  
Supervised By :mohammad ahmed 03/28/2025



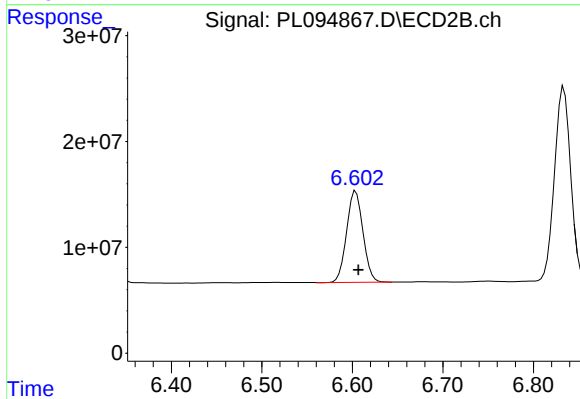
#19 Endosulfan Sulfate

R.T.: 6.328 min  
Delta R.T.: -0.003 min  
Response: 197343570  
Conc: 48.45 ng/ml



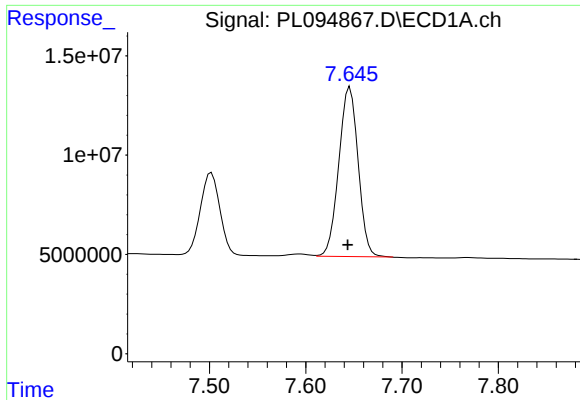
#20 Methoxychlor

R.T.: 7.502 min  
Delta R.T.: 0.002 min  
Response: 58047457  
Conc: 48.49 ng/ml



#20 Methoxychlor

R.T.: 6.604 min  
Delta R.T.: -0.003 min  
Response: 108558799  
Conc: 51.18 ng/ml



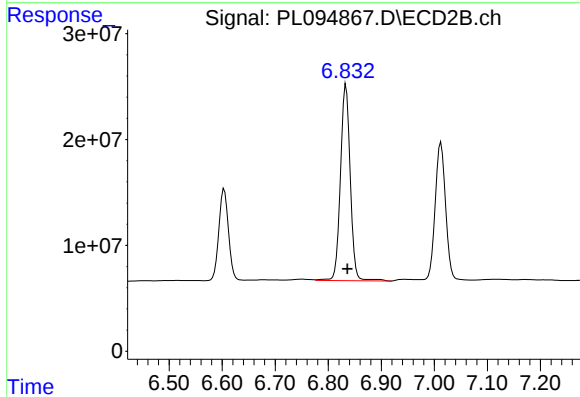
#21 Endrin ketone

R.T.: 7.646 min  
Delta R.T.: 0.002 min  
Response: 118838665  
Conc: 44.96 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

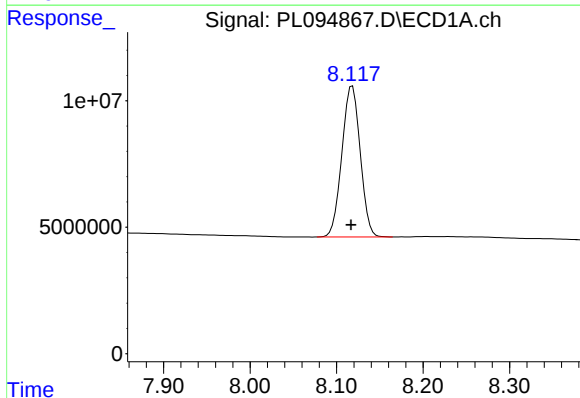
Manual Integrations  
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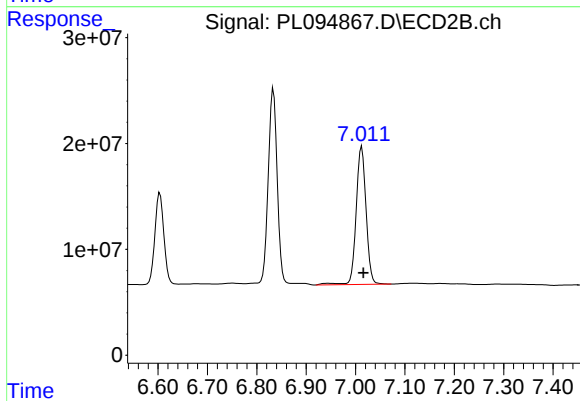
#21 Endrin ketone

R.T.: 6.834 min  
Delta R.T.: -0.002 min  
Response: 238876590  
Conc: 50.05 ng/ml



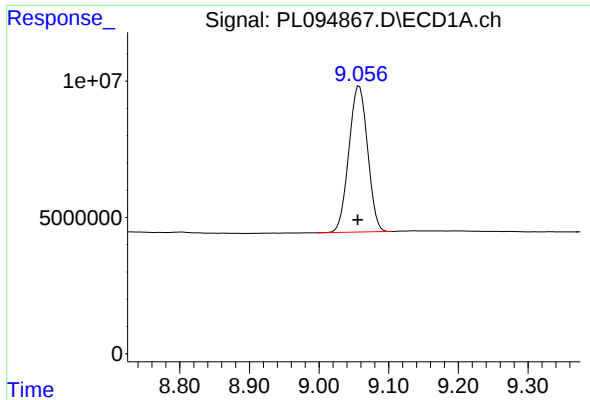
#22 Mirex

R.T.: 8.118 min  
Delta R.T.: 0.001 min  
Response: 87486944  
Conc: 42.34 ng/ml



#22 Mirex

R.T.: 7.013 min  
Delta R.T.: -0.003 min  
Response: 183025511  
Conc: 48.22 ng/ml



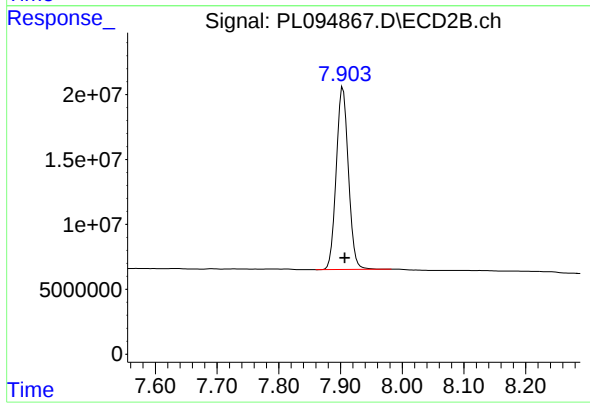
#28 Decachlorobiphenyl

R.T.: 9.058 min  
Delta R.T.: 0.002 min  
Response: 100005408  
Conc: 47.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
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#28 Decachlorobiphenyl

R.T.: 7.904 min  
Delta R.T.: -0.003 min  
Response: 192419133  
Conc: 47.64 ng/ml