

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021425\  
 Data File : PL094190.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Feb 2025 13:05  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 02/16/2025  
 Supervised By :Ankita Jodhani 02/17/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Feb 15 02:19:31 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... | 3.544 | 2.773 | 133.4E6  | 164.7E6 | 49.552  | 50.460  |
| 28)                         | SA Decachlor... | 9.058 | 7.909 | 109.4E6  | 195.1E6 | 52.303  | 55.692  |
| Target Compounds            |                 |       |       |          |         |         |         |
| 2)                          | A alpha-BHC     | 4.000 | 3.275 | 193.3E6  | 253.0E6 | 50.428  | 51.758  |
| 3)                          | MA gamma-BHC... | 4.332 | 3.605 | 185.8E6  | 244.6E6 | 50.460  | 51.600  |
| 4)                          | MA Heptachlor   | 4.920 | 3.944 | 172.8E6  | 245.2E6 | 52.726  | 52.685  |
| 5)                          | MB Aldrin       | 5.261 | 4.223 | 169.1E6  | 238.0E6 | 51.690  | 52.165  |
| 6)                          | B beta-BHC      | 4.531 | 3.906 | 79408040 | 103.3E6 | 49.404  | 51.718  |
| 7)                          | B delta-BHC     | 4.778 | 4.134 | 184.5E6  | 247.9E6 | 52.627  | 52.173  |
| 8)                          | B Heptachlo...  | 5.688 | 4.726 | 154.7E6  | 218.9E6 | 52.009  | 52.358  |
| 9)                          | A Endosulfan I  | 6.072 | 5.095 | 135.0E6  | 172.5E6 | 51.081  | 44.499  |
| 10)                         | B gamma-Chl...  | 5.944 | 4.976 | 144.1E6  | 225.4E6 | 51.705  | 53.180  |
| 11)                         | B alpha-Chl...  | 6.022 | 5.039 | 144.0E6  | 221.7E6 | 51.646  | 52.957  |
| 12)                         | B 4,4'-DDE      | 6.196 | 5.227 | 131.9E6  | 220.9E6 | 54.169  | 55.097m |
| 13)                         | MA Dieldrin     | 6.348 | 5.360 | 140.8E6  | 227.1E6 | 50.726  | 52.861  |
| 14)                         | MA Endrin       | 6.576 | 5.636 | 115.4E6  | 200.4E6 | 49.201m | 54.266  |
| 15)                         | B Endosulfa...  | 6.797 | 5.929 | 121.0E6  | 199.4E6 | 50.214  | 53.834m |
| 16)                         | A 4,4'-DDD      | 6.713 | 5.783 | 105.7E6  | 176.5E6 | 55.626  | 55.916  |
| 17)                         | MA 4,4'-DDT     | 7.026 | 6.033 | 110.0E6  | 190.7E6 | 55.794  | 58.601  |
| 18)                         | B Endrin al...  | 6.928 | 6.109 | 99610446 | 161.0E6 | 51.238  | 52.892  |
| 19)                         | B Endosulfa...  | 7.162 | 6.332 | 113.7E6  | 191.8E6 | 50.239  | 53.786  |
| 20)                         | A Methoxychlor  | 7.503 | 6.609 | 59089280 | 104.6E6 | 56.632  | 58.519  |
| 21)                         | B Endrin ke...  | 7.647 | 6.836 | 126.9E6  | 230.1E6 | 50.287  | 54.848m |
| 22)                         | Mirex           | 8.119 | 7.018 | 104.3E6  | 180.4E6 | 50.080  | 53.354  |
| -----                       |                 |       |       |          |         |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL021425\  
Data File : PL094190.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 14 Feb 2025 13:05  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

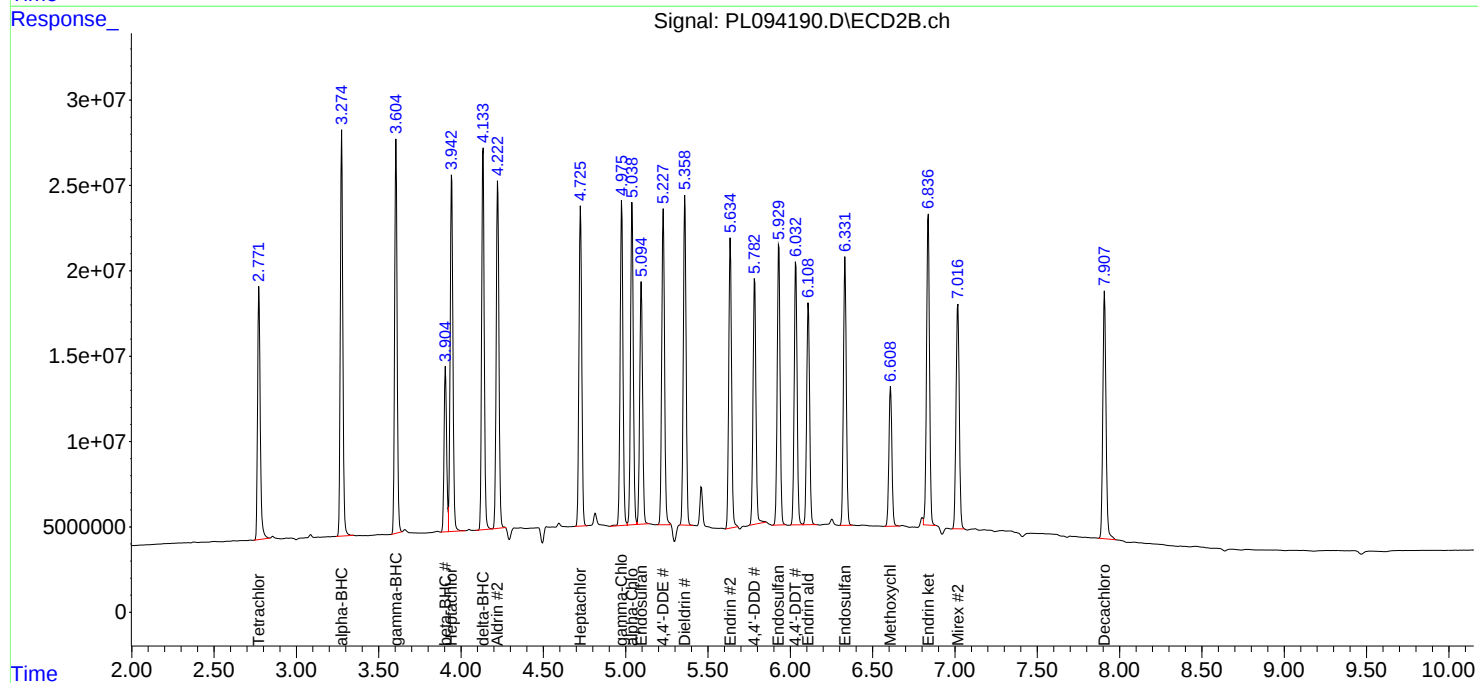
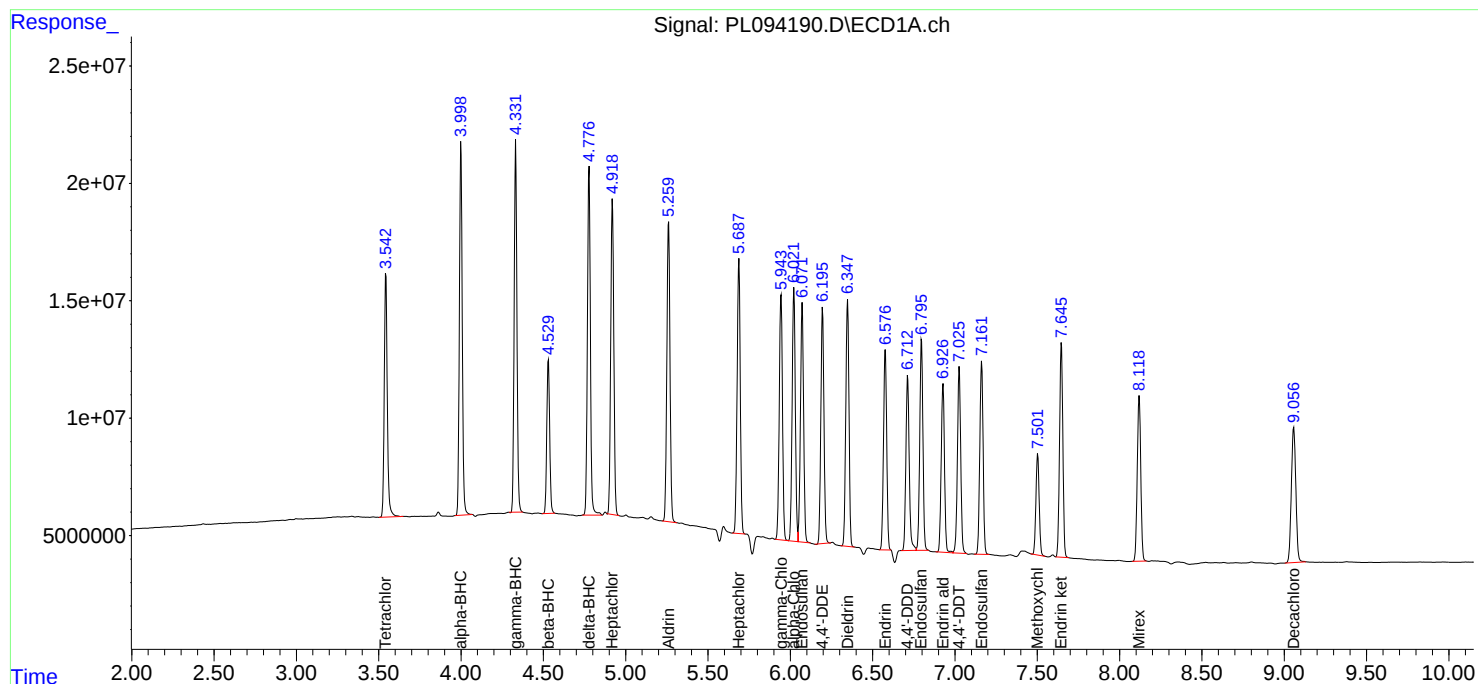
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

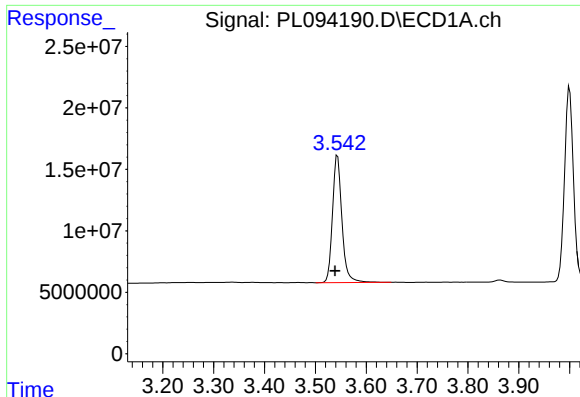
Manual Integrations  
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Supervised By :Ankita Jodhani 02/17/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Feb 15 02:19:31 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





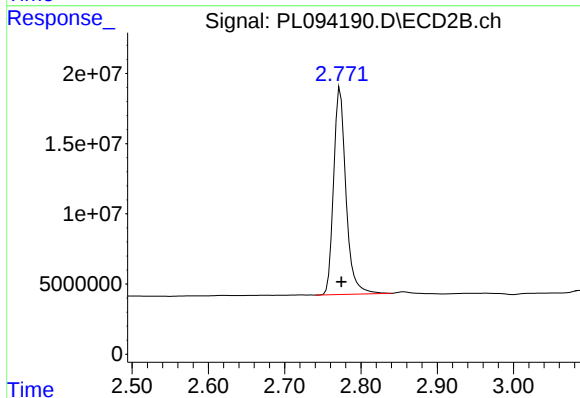
#1 Tetrachloro-m-xylene

R.T.: 3.544 min  
Delta R.T.: 0.005 min  
Response: 133431607  
Conc: 49.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

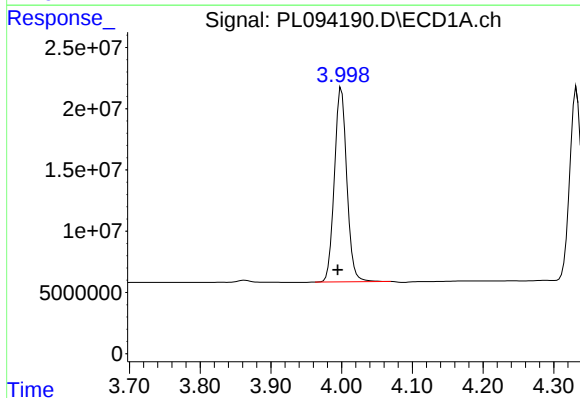
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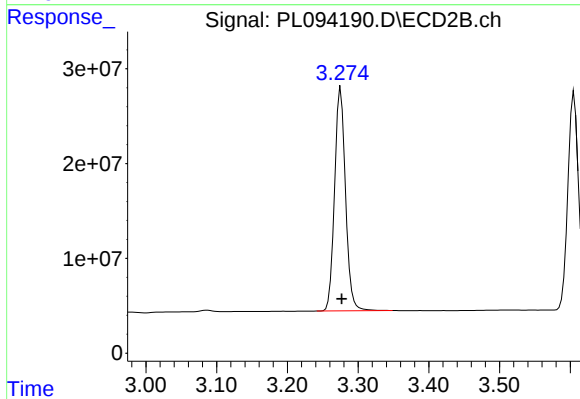
#1 Tetrachloro-m-xylene

R.T.: 2.773 min  
Delta R.T.: -0.002 min  
Response: 164710593  
Conc: 50.46 ng/ml



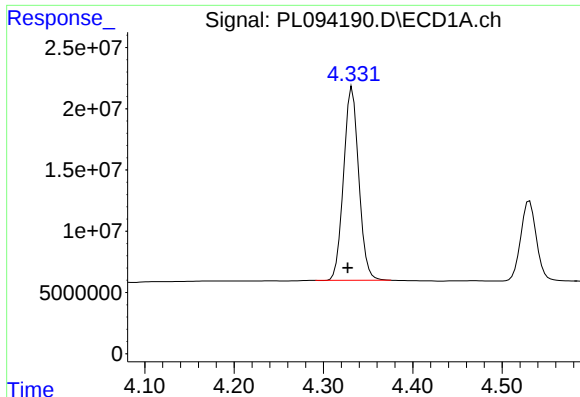
#2 alpha-BHC

R.T.: 4.000 min  
Delta R.T.: 0.005 min  
Response: 193331549  
Conc: 50.43 ng/ml



#2 alpha-BHC

R.T.: 3.275 min  
Delta R.T.: -0.001 min  
Response: 253044775  
Conc: 51.76 ng/ml



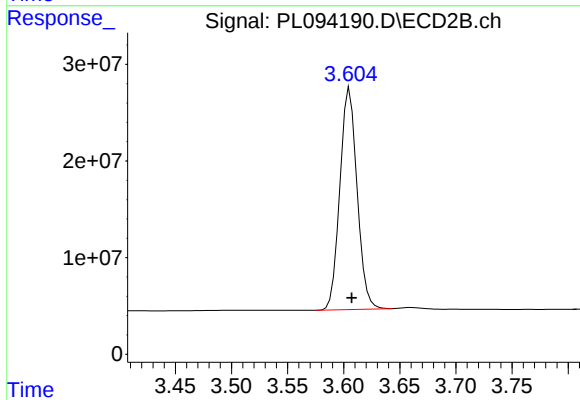
#3 gamma-BHC (Lindane)

R.T.: 4.332 min  
Delta R.T.: 0.005 min  
Response: 185835554  
Conc: 50.46 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

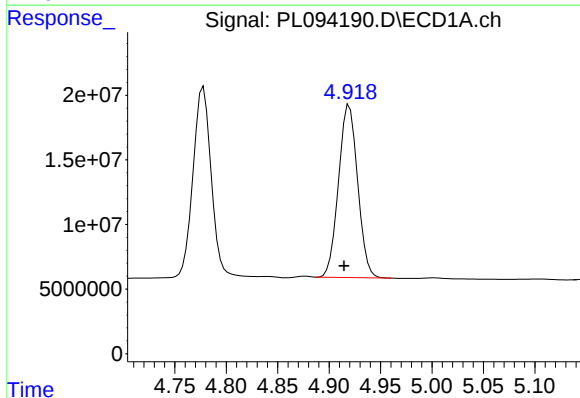
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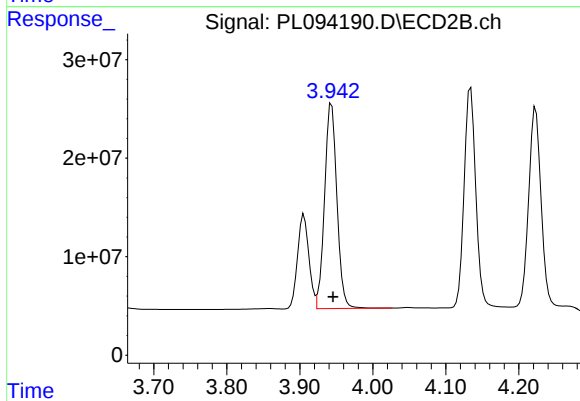
#3 gamma-BHC (Lindane)

R.T.: 3.605 min  
Delta R.T.: -0.002 min  
Response: 244645314  
Conc: 51.60 ng/ml



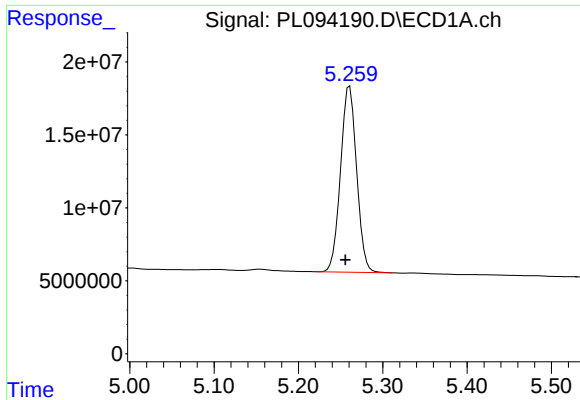
#4 Heptachlor

R.T.: 4.920 min  
Delta R.T.: 0.005 min  
Response: 172800532  
Conc: 52.73 ng/ml



#4 Heptachlor

R.T.: 3.944 min  
Delta R.T.: -0.002 min  
Response: 245239793  
Conc: 52.69 ng/ml



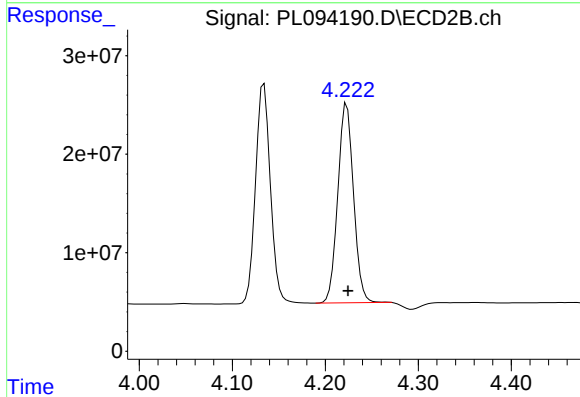
#5 Aldrin

R.T.: 5.261 min  
Delta R.T.: 0.005 min  
Response: 169127171  
Conc: 51.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

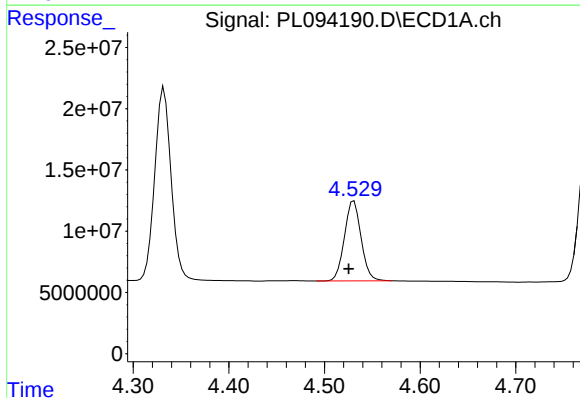
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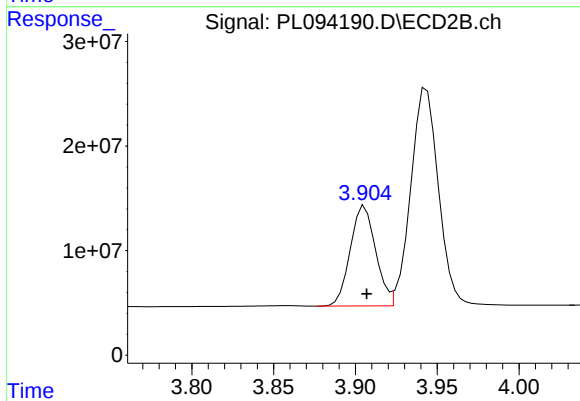
#5 Aldrin

R.T.: 4.223 min  
Delta R.T.: -0.001 min  
Response: 237968019  
Conc: 52.17 ng/ml



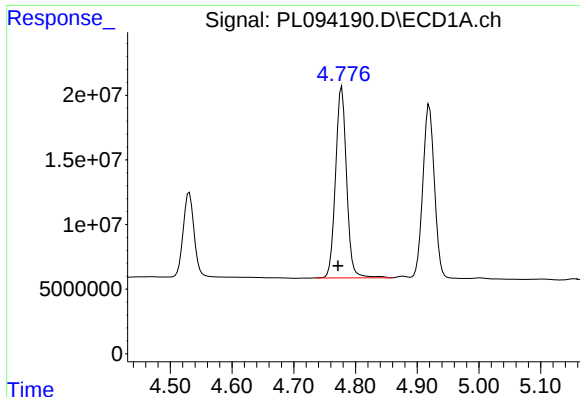
#6 beta-BHC

R.T.: 4.531 min  
Delta R.T.: 0.006 min  
Response: 79408040  
Conc: 49.40 ng/ml



#6 beta-BHC

R.T.: 3.906 min  
Delta R.T.: -0.001 min  
Response: 103302515  
Conc: 51.72 ng/ml



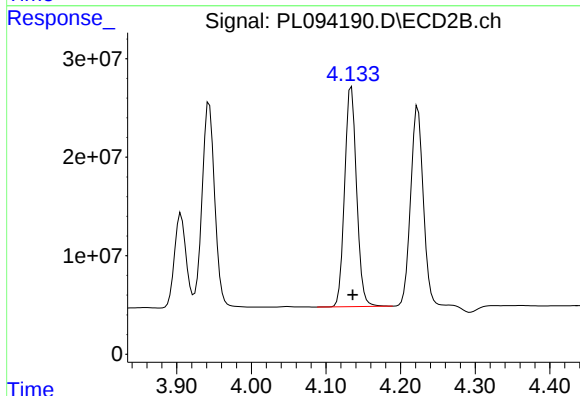
#7 delta-BHC

R.T.: 4.778 min  
Delta R.T.: 0.006 min  
Response: 184471177  
Conc: 52.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

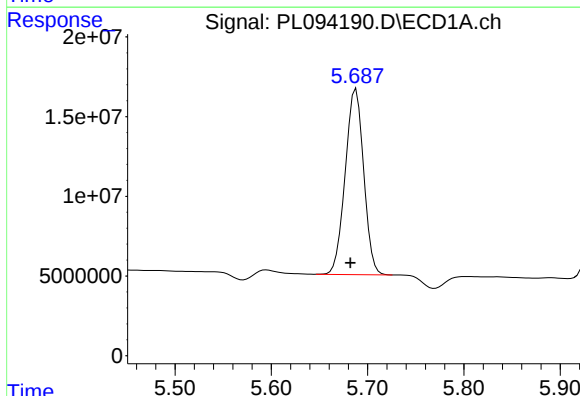
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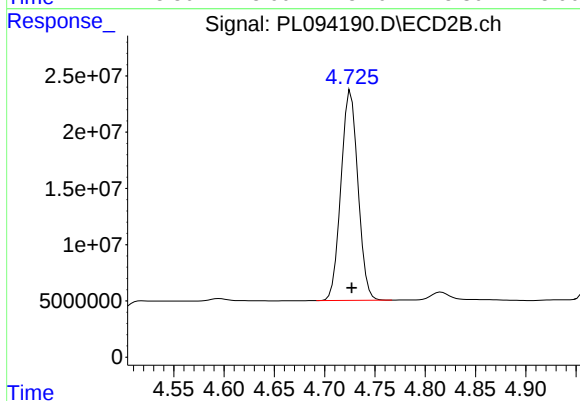
#7 delta-BHC

R.T.: 4.134 min  
Delta R.T.: -0.002 min  
Response: 247884097  
Conc: 52.17 ng/ml



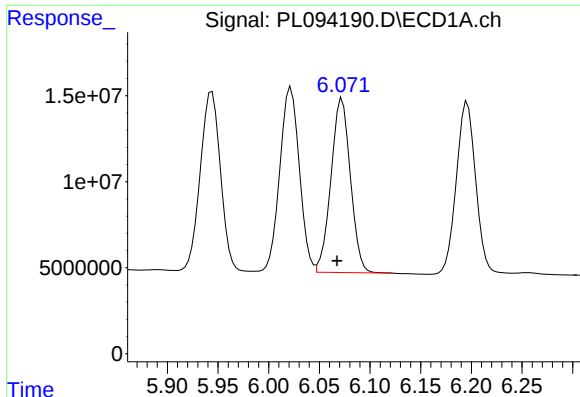
#8 Heptachlor epoxide

R.T.: 5.688 min  
Delta R.T.: 0.006 min  
Response: 154664514  
Conc: 52.01 ng/ml



#8 Heptachlor epoxide

R.T.: 4.726 min  
Delta R.T.: -0.001 min  
Response: 218869040  
Conc: 52.36 ng/ml



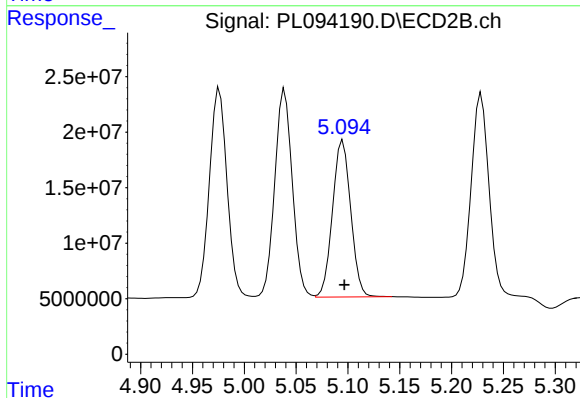
#9 Endosulfan I

R.T.: 6.072 min  
Delta R.T.: 0.005 min  
Response: 135000457  
Conc: 51.08 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

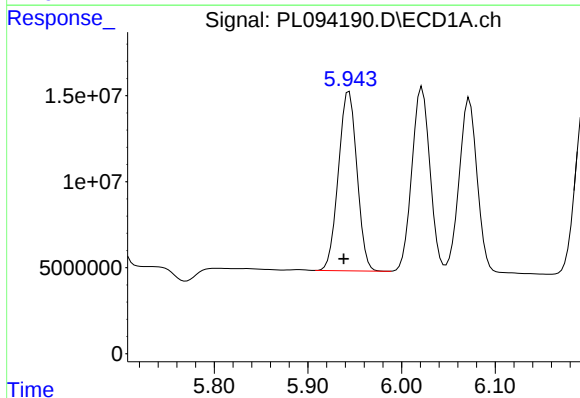
Manual Integrations  
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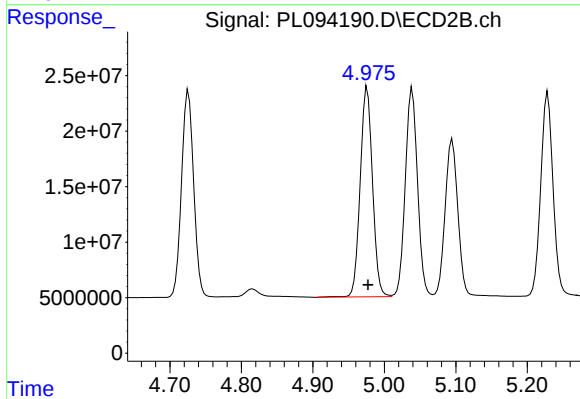
#9 Endosulfan I

R.T.: 5.095 min  
Delta R.T.: -0.001 min  
Response: 172518395  
Conc: 44.50 ng/ml



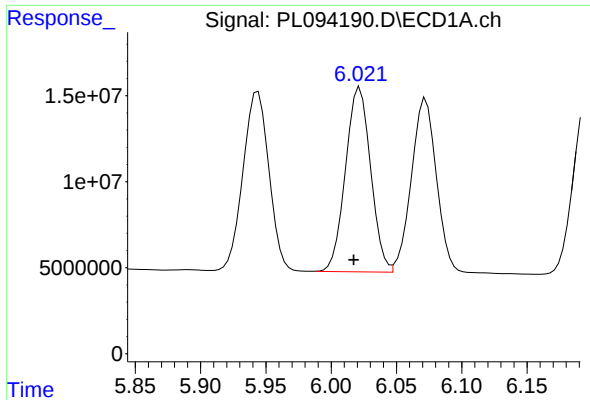
#10 gamma-Chlordane

R.T.: 5.944 min  
Delta R.T.: 0.006 min  
Response: 144121928  
Conc: 51.71 ng/ml



#10 gamma-Chlordane

R.T.: 4.976 min  
Delta R.T.: -0.001 min  
Response: 225357214  
Conc: 53.18 ng/ml



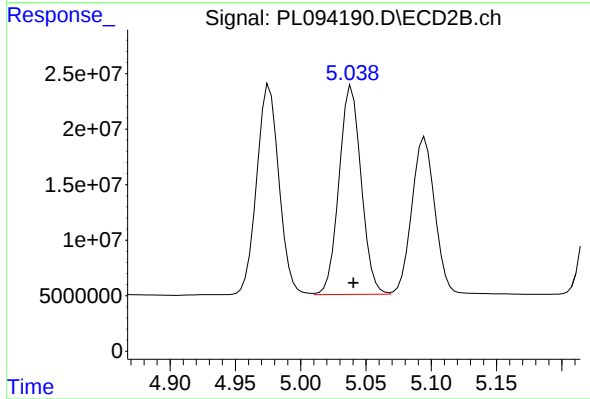
#11 alpha-Chlordane

R.T.: 6.022 min  
Delta R.T.: 0.005 min  
Response: 144008603  
Conc: 51.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

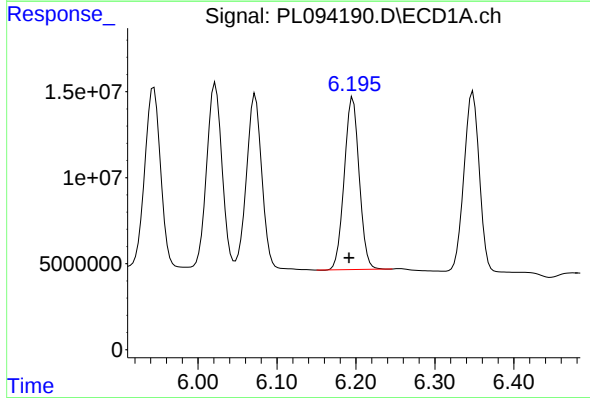
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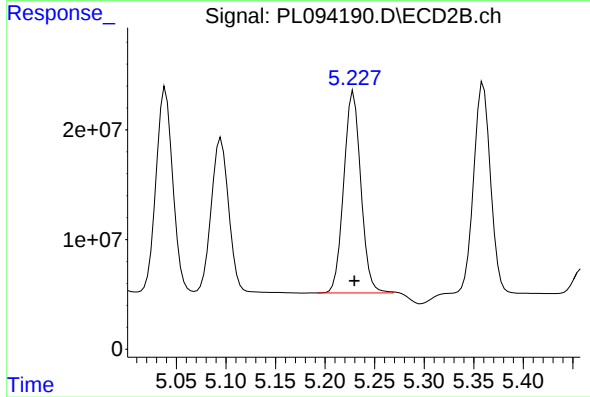
#11 alpha-Chlordane

R.T.: 5.039 min  
Delta R.T.: -0.001 min  
Response: 221708272  
Conc: 52.96 ng/ml



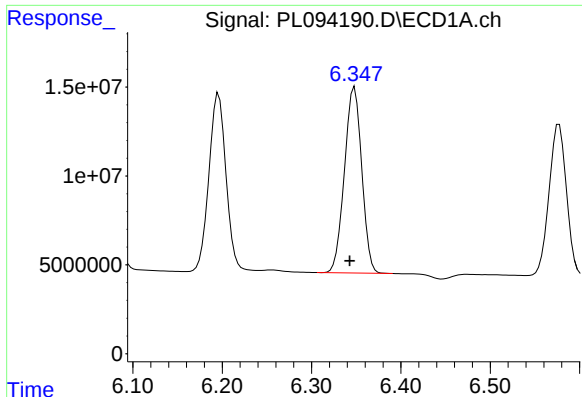
#12 4,4'-DDE

R.T.: 6.196 min  
Delta R.T.: 0.005 min  
Response: 131879555  
Conc: 54.17 ng/ml



#12 4,4'-DDE

R.T.: 5.227 min  
Delta R.T.: -0.002 min  
Response: 220910563  
Conc: 55.10 ng/ml m



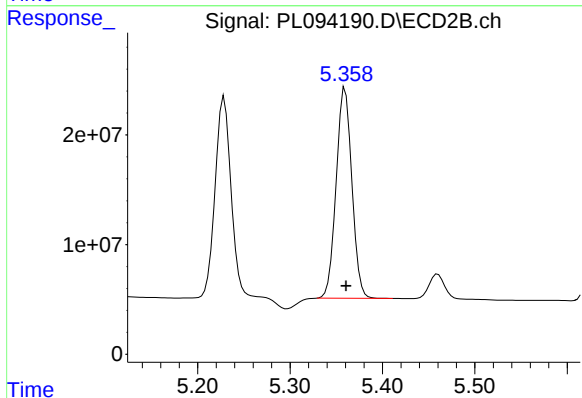
#13 Dieldrin

R.T.: 6.348 min  
Delta R.T.: 0.005 min  
Response: 140807902  
Conc: 50.73 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

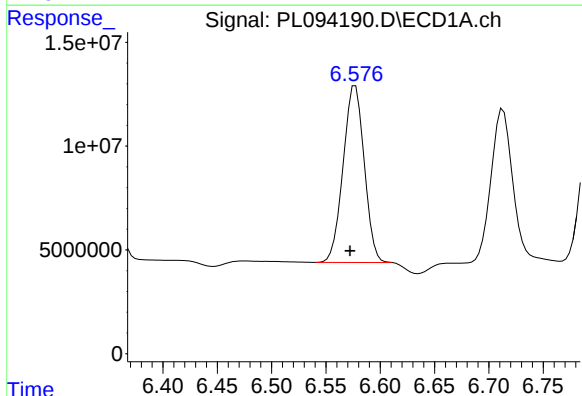
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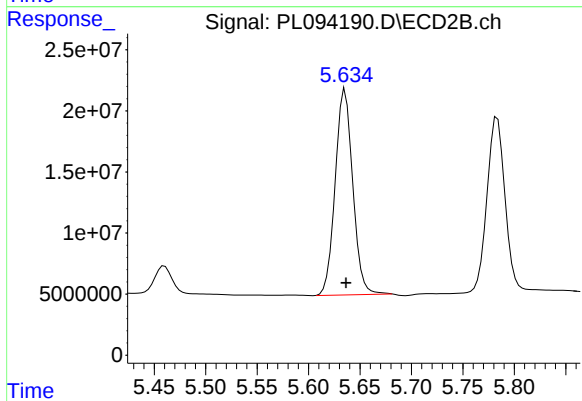
#13 Dieldrin

R.T.: 5.360 min  
Delta R.T.: -0.001 min  
Response: 227073447  
Conc: 52.86 ng/ml



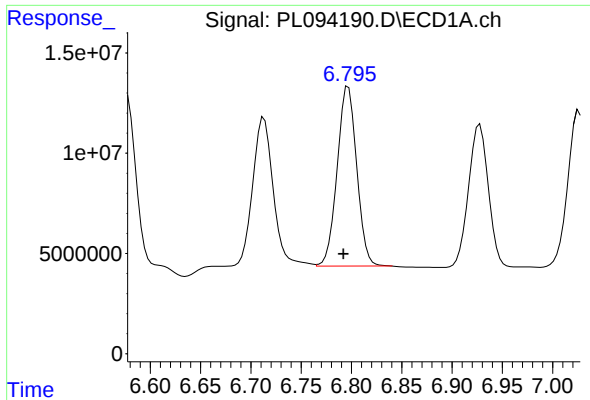
#14 Endrin

R.T.: 6.576 min  
Delta R.T.: 0.003 min  
Response: 115367007  
Conc: 49.20 ng/ml m



#14 Endrin

R.T.: 5.636 min  
Delta R.T.: 0.000 min  
Response: 200387159  
Conc: 54.27 ng/ml



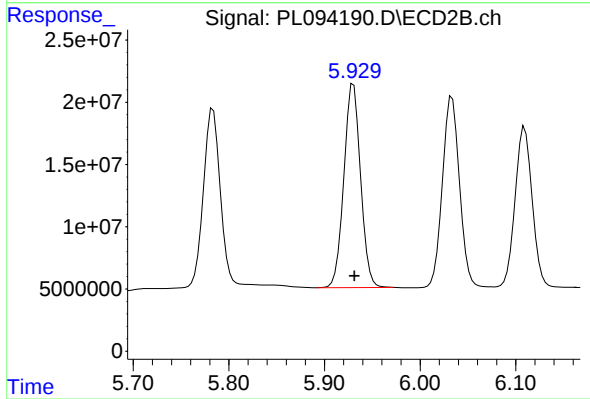
#15 Endosulfan II

R.T.: 6.797 min  
Delta R.T.: 0.005 min  
Response: 120982168  
Conc: 50.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

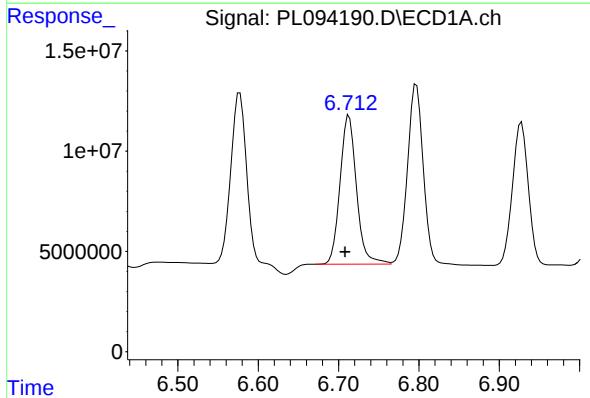
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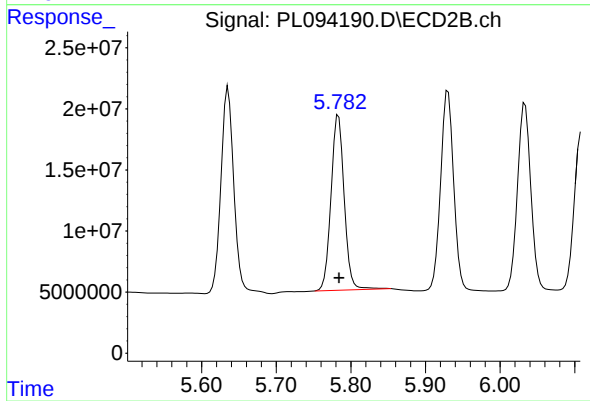
#15 Endosulfan II

R.T.: 5.929 min  
Delta R.T.: -0.002 min  
Response: 199392512  
Conc: 53.83 ng/ml m



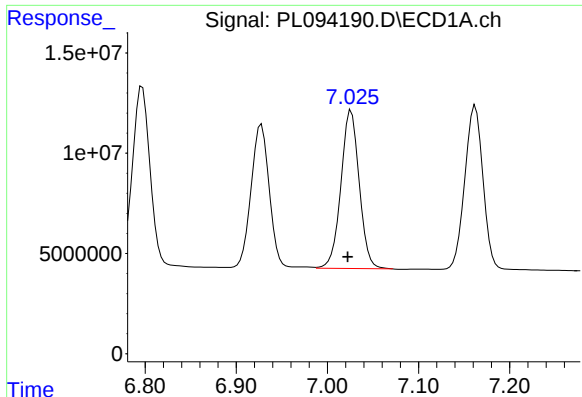
#16 4,4'-DDD

R.T.: 6.713 min  
Delta R.T.: 0.005 min  
Response: 105720851  
Conc: 55.63 ng/ml



#16 4,4'-DDD

R.T.: 5.783 min  
Delta R.T.: 0.000 min  
Response: 176499922  
Conc: 55.92 ng/ml



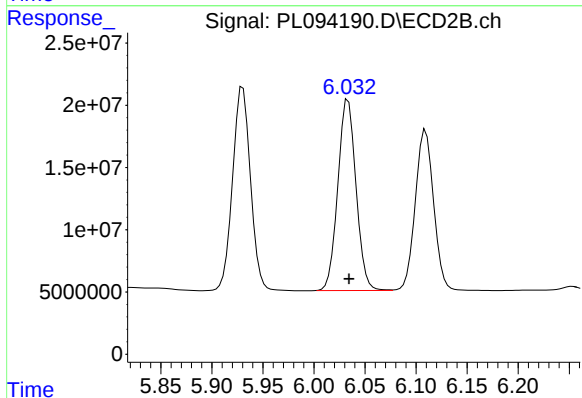
#17 4,4'-DDT

R.T.: 7.026 min  
Delta R.T.: 0.004 min  
Response: 110029121  
Conc: 55.79 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

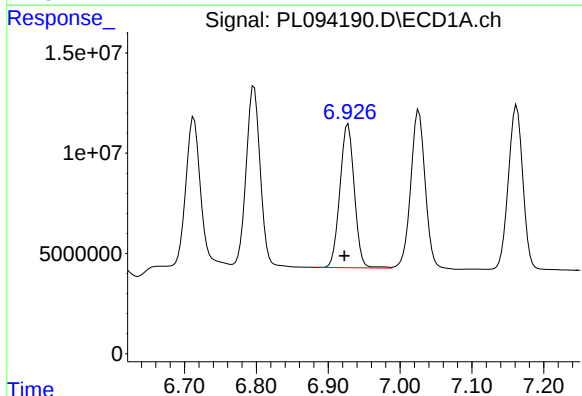
Manual Integrations  
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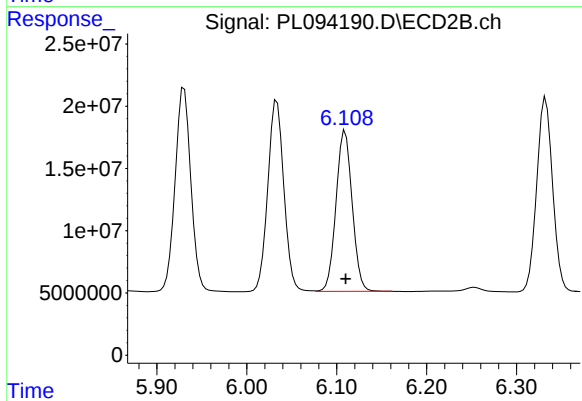
#17 4,4'-DDT

R.T.: 6.033 min  
Delta R.T.: 0.000 min  
Response: 190691038  
Conc: 58.60 ng/ml



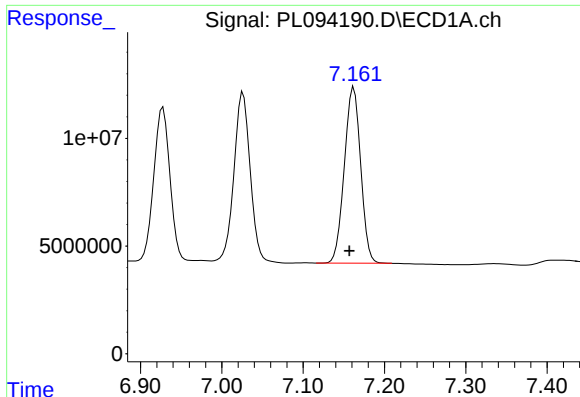
#18 Endrin aldehyde

R.T.: 6.928 min  
Delta R.T.: 0.005 min  
Response: 99610446  
Conc: 51.24 ng/ml



#18 Endrin aldehyde

R.T.: 6.109 min  
Delta R.T.: 0.000 min  
Response: 161036306  
Conc: 52.89 ng/ml



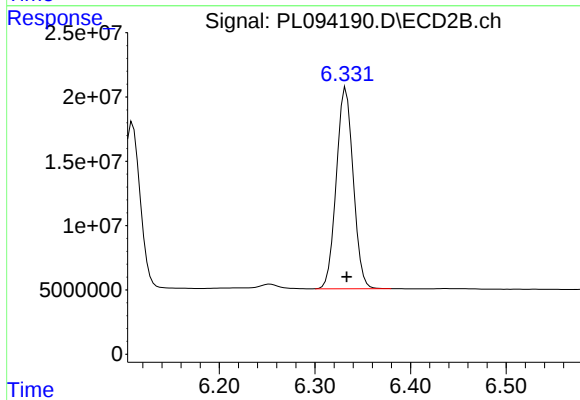
#19 Endosulfan Sulfate

R.T.: 7.162 min  
Delta R.T.: 0.005 min  
Response: 113728253  
Conc: 50.24 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

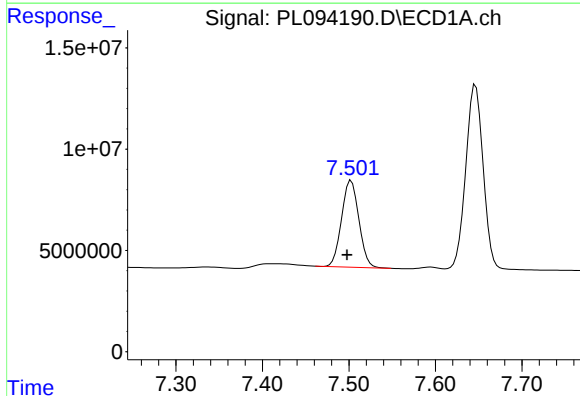
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Supervised By :Ankita Jodhani 02/17/2025



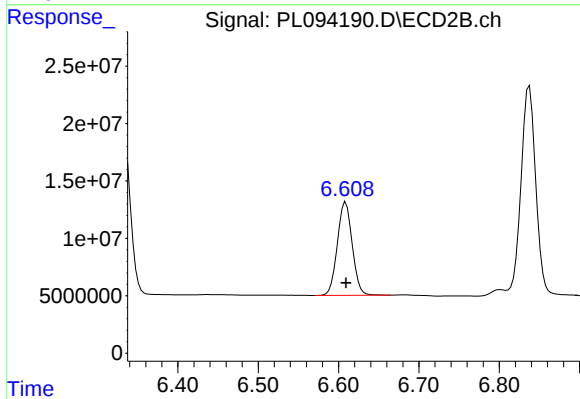
#19 Endosulfan Sulfate

R.T.: 6.332 min  
Delta R.T.: -0.001 min  
Response: 191806565  
Conc: 53.79 ng/ml



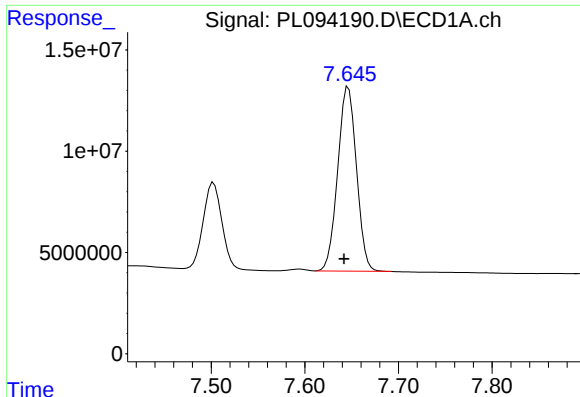
#20 Methoxychlor

R.T.: 7.503 min  
Delta R.T.: 0.005 min  
Response: 59089280  
Conc: 56.63 ng/ml



#20 Methoxychlor

R.T.: 6.609 min  
Delta R.T.: 0.000 min  
Response: 104640754  
Conc: 58.52 ng/ml



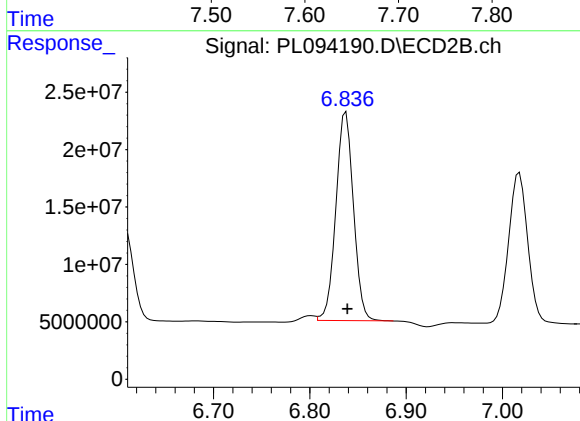
#21 Endrin ketone

R.T.: 7.647 min  
Delta R.T.: 0.005 min  
Response: 126854435  
Conc: 50.29 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

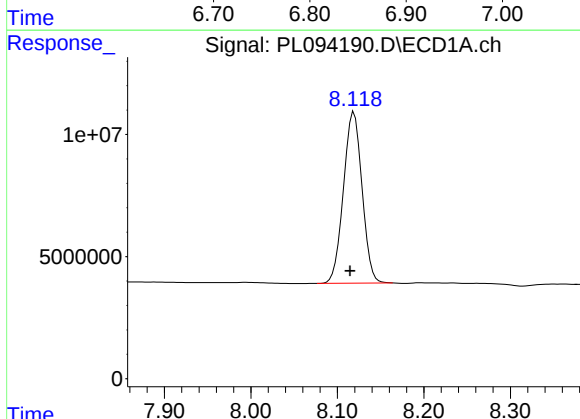
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 02/16/2025  
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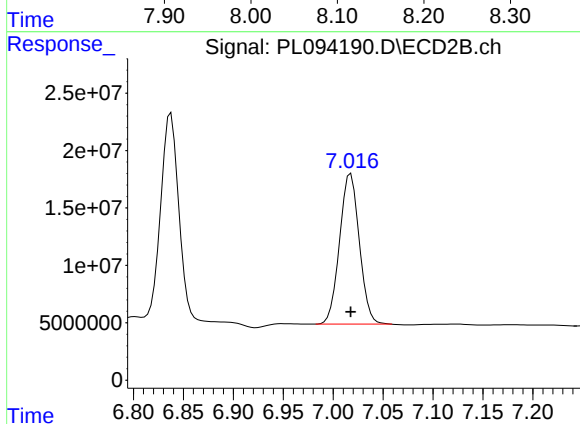
#21 Endrin ketone

R.T.: 6.836 min  
Delta R.T.: -0.003 min  
Response: 230101365  
Conc: 54.85 ng/ml m



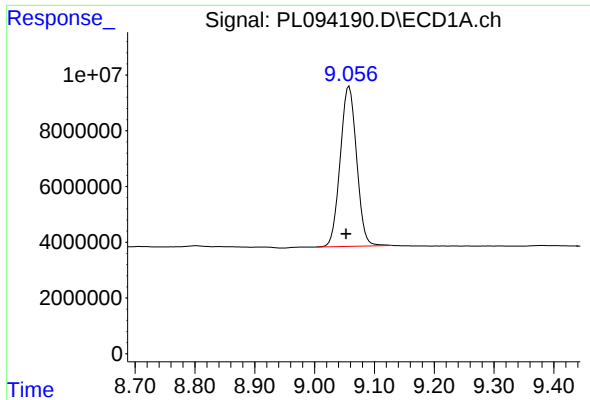
#22 Mirex

R.T.: 8.119 min  
Delta R.T.: 0.004 min  
Response: 104290440  
Conc: 50.08 ng/ml



#22 Mirex

R.T.: 7.018 min  
Delta R.T.: 0.000 min  
Response: 180437379  
Conc: 53.35 ng/ml



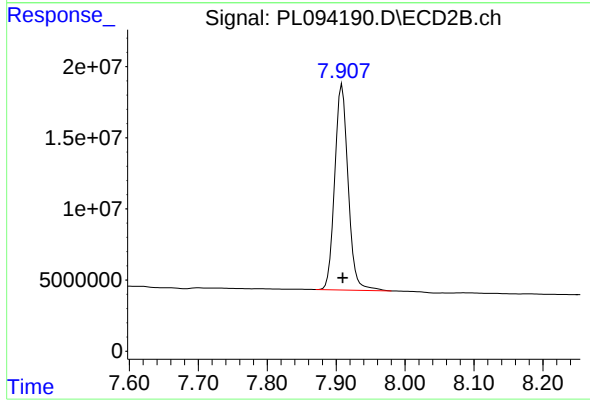
#28 Decachlorobiphenyl

R.T.: 9.058 min  
Delta R.T.: 0.005 min  
Response: 109412687  
Conc: 52.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.909 min  
Delta R.T.: -0.001 min  
Response: 195148348  
Conc: 55.69 ng/ml