

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031125\  
 Data File : PL094598.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Mar 2025 20:06  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 03/12/2025  
 Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 12 02:04:20 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... | 3.537 | 2.771 | 141.5E6  | 183.6E6 | 49.984  | 51.446  |
| 28)                         | SA Decachlor... | 9.052 | 7.905 | 108.1E6  | 213.3E6 | 51.302  | 52.814  |
| Target Compounds            |                 |       |       |          |         |         |         |
| 2)                          | A alpha-BHC     | 3.993 | 3.273 | 208.0E6  | 283.3E6 | 50.097  | 52.541  |
| 3)                          | MA gamma-BHC... | 4.324 | 3.602 | 199.2E6  | 269.1E6 | 49.925m | 52.358  |
| 4)                          | MA Heptachlor   | 4.912 | 3.940 | 191.0E6  | 271.0E6 | 49.203  | 51.444  |
| 5)                          | MB Aldrin       | 5.254 | 4.220 | 182.5E6  | 253.3E6 | 49.440  | 51.952  |
| 6)                          | B beta-BHC      | 4.523 | 3.903 | 89736272 | 113.1E6 | 48.632  | 50.912  |
| 7)                          | B delta-BHC     | 4.771 | 4.131 | 192.1E6  | 261.3E6 | 49.325  | 52.232  |
| 8)                          | B Heptachlo...  | 5.681 | 4.720 | 165.3E6  | 237.2E6 | 49.418  | 51.812m |
| 9)                          | A Endosulfan I  | 6.066 | 5.092 | 152.6E6  | 225.7E6 | 49.700  | 51.420  |
| 10)                         | B gamma-Chl...  | 5.938 | 4.972 | 165.9E6  | 249.0E6 | 49.244  | 51.570  |
| 11)                         | B alpha-Chl...  | 6.016 | 5.035 | 163.0E6  | 245.6E6 | 49.449  | 51.461  |
| 12)                         | B 4,4'-DDE      | 6.189 | 5.224 | 150.9E6  | 242.4E6 | 51.304m | 52.143  |
| 13)                         | MA Dieldrin     | 6.342 | 5.355 | 158.9E6  | 253.5E6 | 49.680  | 52.254  |
| 14)                         | MA Endrin       | 6.570 | 5.631 | 131.7E6  | 221.4E6 | 47.501m | 50.729  |
| 15)                         | B Endosulfa...  | 6.792 | 5.926 | 135.1E6  | 223.2E6 | 49.764  | 51.578  |
| 16)                         | A 4,4'-DDD      | 6.708 | 5.779 | 112.2E6  | 190.8E6 | 51.812  | 53.072  |
| 17)                         | MA 4,4'-DDT     | 7.021 | 6.029 | 120.5E6  | 210.8E6 | 50.647  | 52.273  |
| 18)                         | B Endrin al...  | 6.922 | 6.106 | 105.3E6  | 173.1E6 | 49.875  | 51.430  |
| 19)                         | B Endosulfa...  | 7.157 | 6.329 | 121.3E6  | 213.1E6 | 49.878  | 52.313  |
| 20)                         | A Methoxychlor  | 7.499 | 6.604 | 62816685 | 110.3E6 | 52.475  | 52.010  |
| 21)                         | B Endrin ke...  | 7.642 | 6.834 | 135.9E6  | 253.5E6 | 51.406  | 53.120  |
| 22)                         | Mirex           | 8.114 | 7.013 | 103.3E6  | 194.8E6 | 49.978  | 51.320  |
| -----                       |                 |       |       |          |         |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL031125\  
Data File : PL094598.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 11 Mar 2025 20:06  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

## Instrument :

ECD\_L

## ClientSampleId :

PSTDCCC050

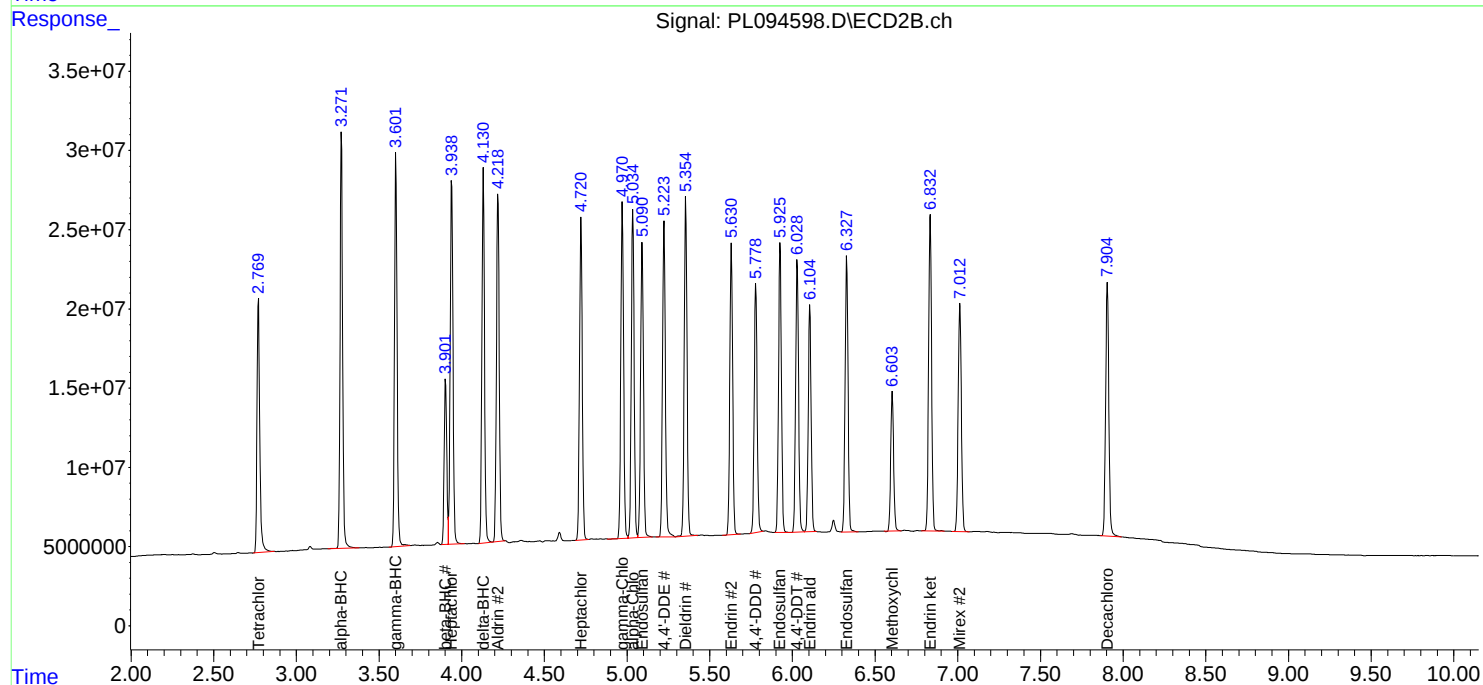
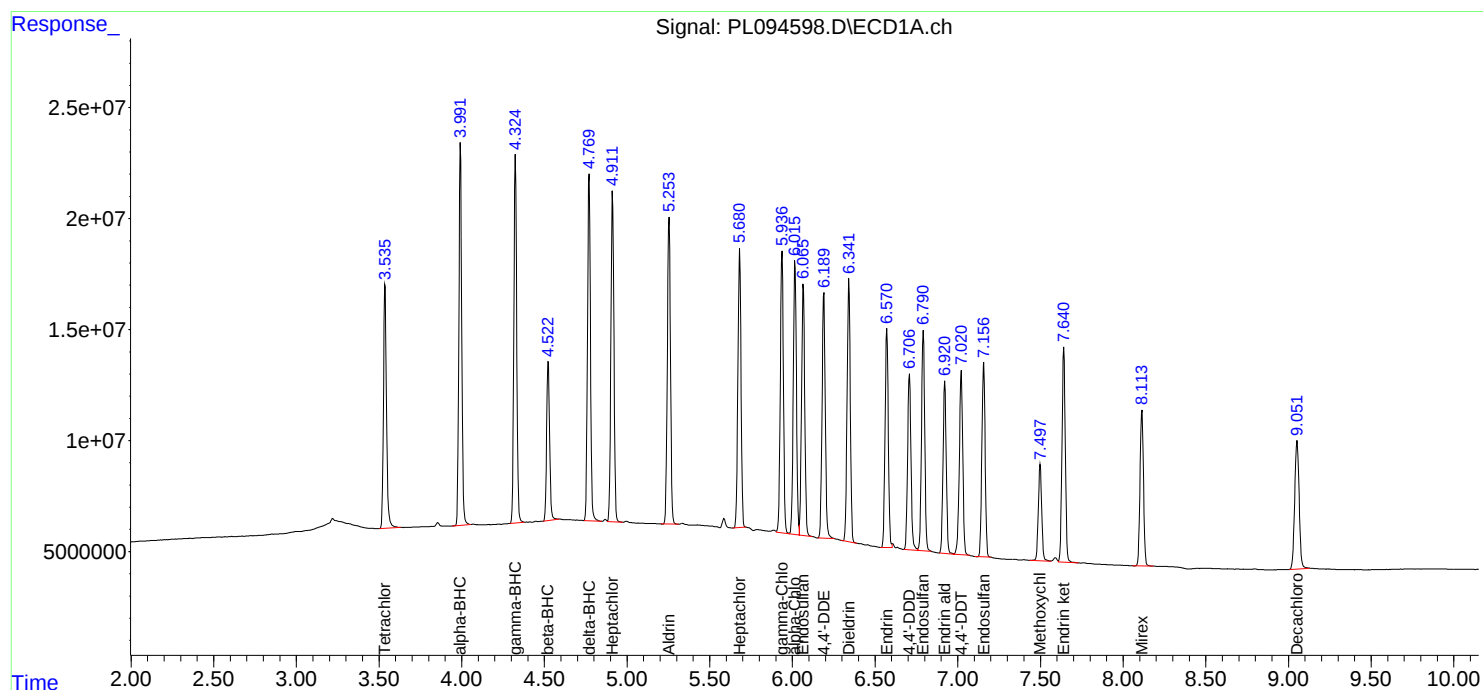
## Manual Integrations

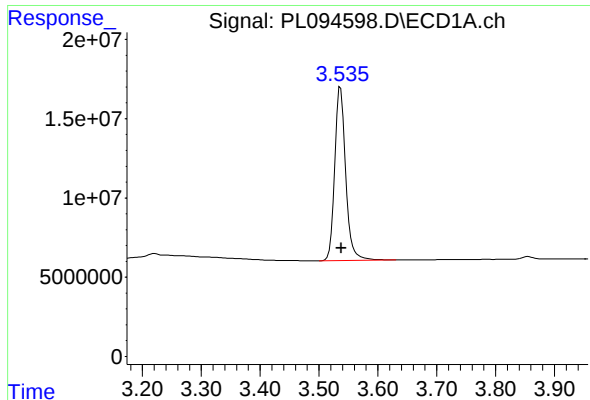
## APPROVED

Reviewed By :Abdul Mirza 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 12 02:04:20 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





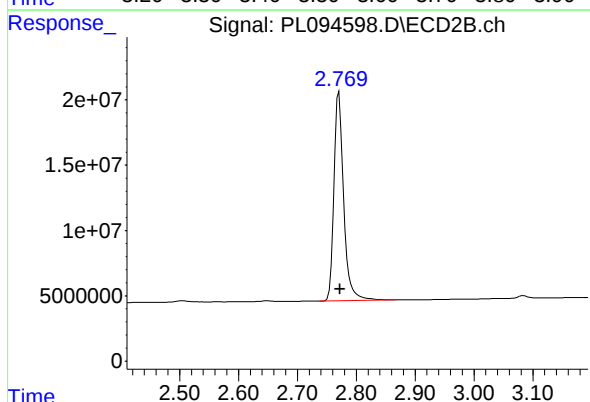
#1 Tetrachloro-m-xylene

R.T.: 3.537 min  
Delta R.T.: -0.001 min  
Response: 141488517  
Conc: 49.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

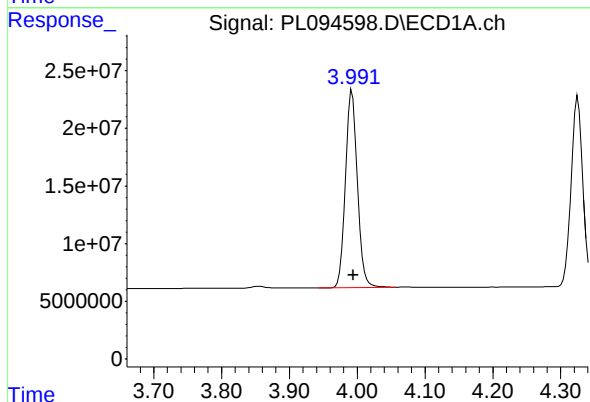
Manual Integrations  
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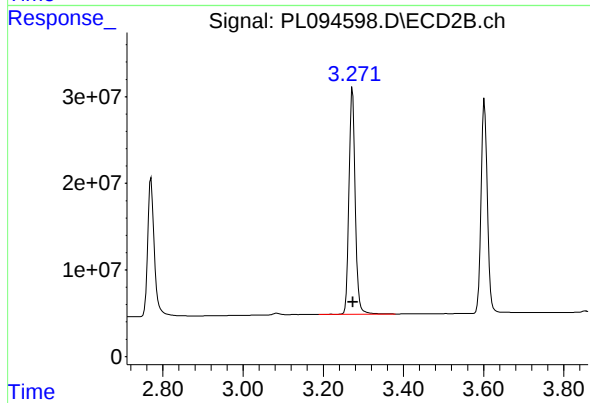
#1 Tetrachloro-m-xylene

R.T.: 2.771 min  
Delta R.T.: -0.001 min  
Response: 183625598  
Conc: 51.45 ng/ml



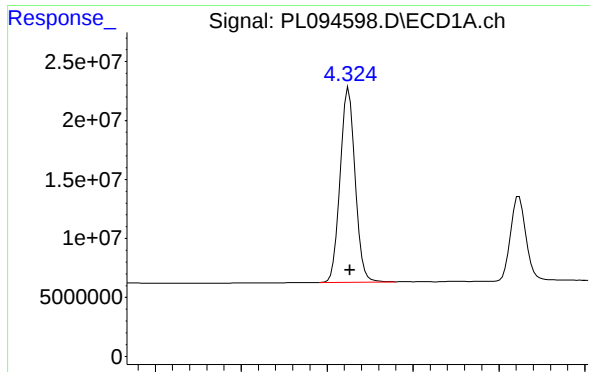
#2 alpha-BHC

R.T.: 3.993 min  
Delta R.T.: -0.002 min  
Response: 208019306  
Conc: 50.10 ng/ml



#2 alpha-BHC

R.T.: 3.273 min  
Delta R.T.: -0.002 min  
Response: 283269533  
Conc: 52.54 ng/ml



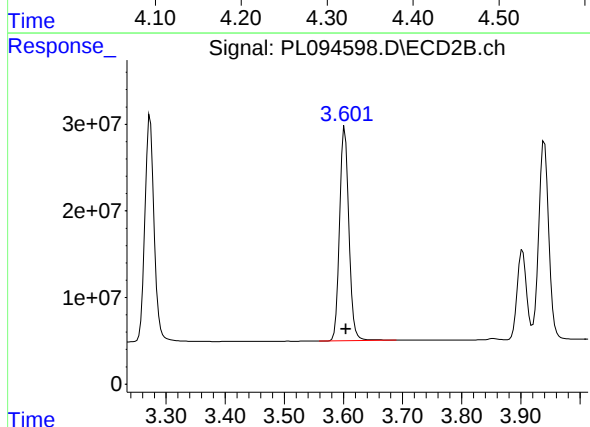
#3 gamma-BHC (Lindane)

R.T.: 4.324 min  
Delta R.T.: -0.003 min  
Response: 199215470  
Conc: 49.93 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

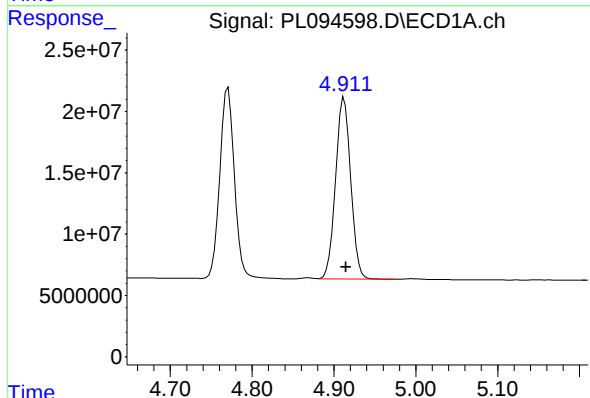
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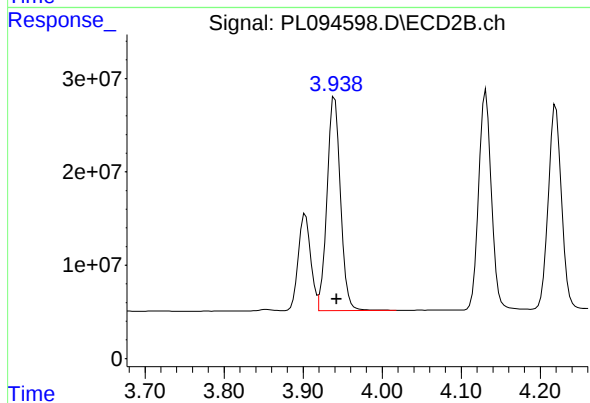
#3 gamma-BHC (Lindane)

R.T.: 3.602 min  
Delta R.T.: -0.002 min  
Response: 269091899  
Conc: 52.36 ng/ml



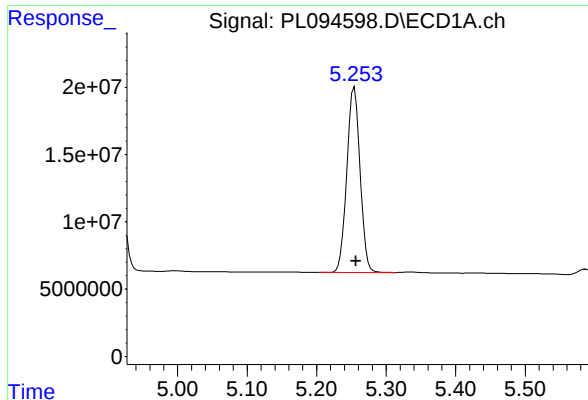
#4 Heptachlor

R.T.: 4.912 min  
Delta R.T.: -0.002 min  
Response: 190989600  
Conc: 49.20 ng/ml



#4 Heptachlor

R.T.: 3.940 min  
Delta R.T.: -0.003 min  
Response: 271041485  
Conc: 51.44 ng/ml



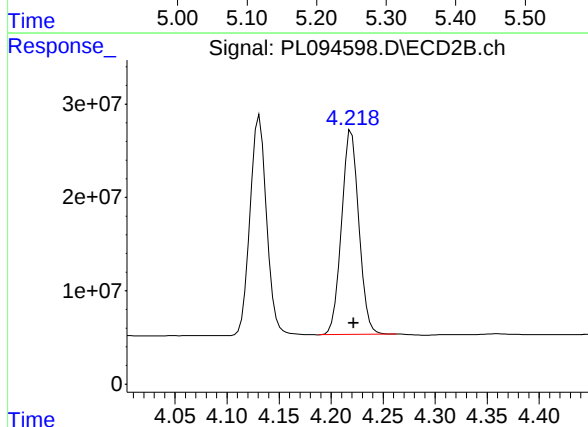
#5 Aldrin

R.T.: 5.254 min  
Delta R.T.: -0.002 min  
Response: 182542783  
Conc: 49.44 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

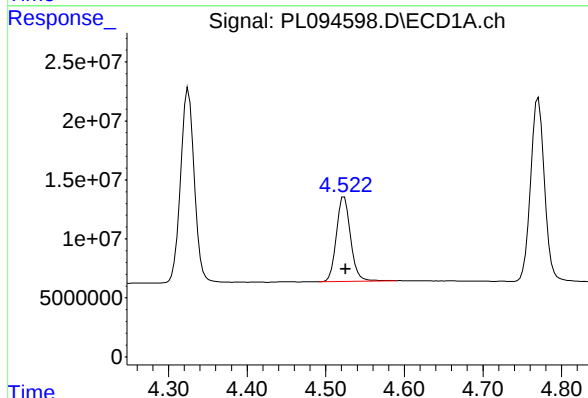
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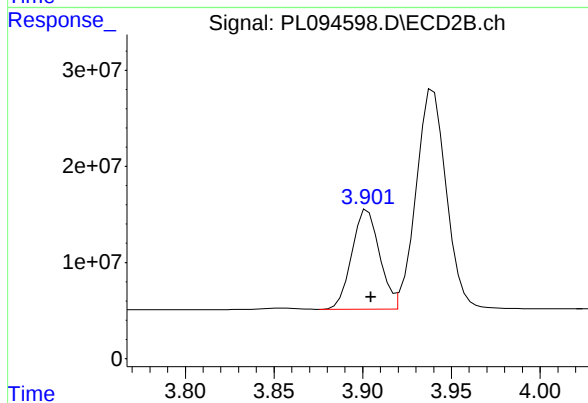
#5 Aldrin

R.T.: 4.220 min  
Delta R.T.: -0.002 min  
Response: 253337456  
Conc: 51.95 ng/ml



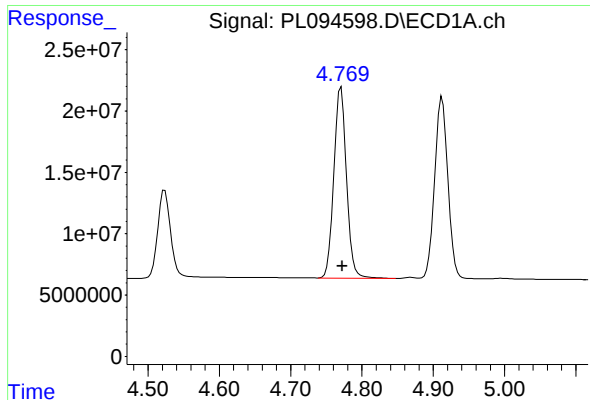
#6 beta-BHC

R.T.: 4.523 min  
Delta R.T.: -0.002 min  
Response: 89736272  
Conc: 48.63 ng/ml



#6 beta-BHC

R.T.: 3.903 min  
Delta R.T.: -0.002 min  
Response: 113089973  
Conc: 50.91 ng/ml



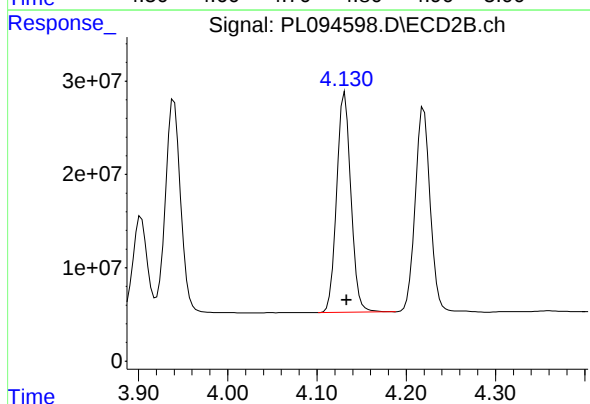
#7 delta-BHC

R.T.: 4.771 min  
Delta R.T.: -0.002 min  
Response: 192088362  
Conc: 49.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

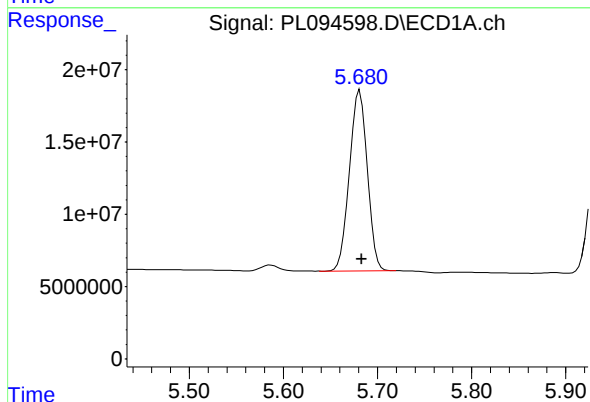
Manual Integrations  
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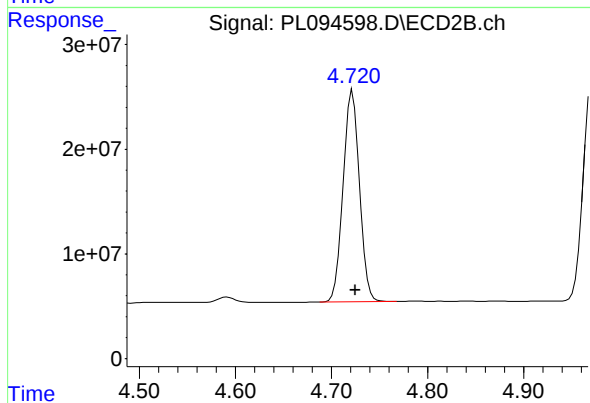
#7 delta-BHC

R.T.: 4.131 min  
Delta R.T.: -0.002 min  
Response: 261262308  
Conc: 52.23 ng/ml



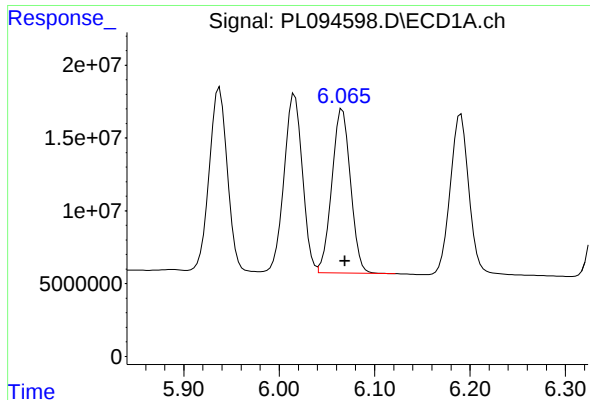
#8 Heptachlor epoxide

R.T.: 5.681 min  
Delta R.T.: -0.002 min  
Response: 165312793  
Conc: 49.42 ng/ml



#8 Heptachlor epoxide

R.T.: 4.720 min  
Delta R.T.: -0.004 min  
Response: 237227095  
Conc: 51.81 ng/ml m



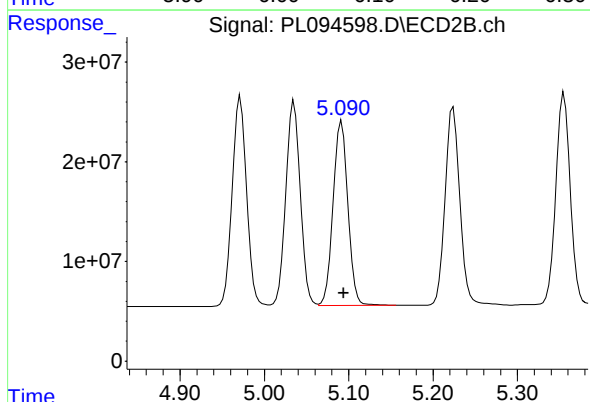
#9 Endosulfan I

R.T.: 6.066 min  
Delta R.T.: -0.003 min  
Response: 152587893  
Conc: 49.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

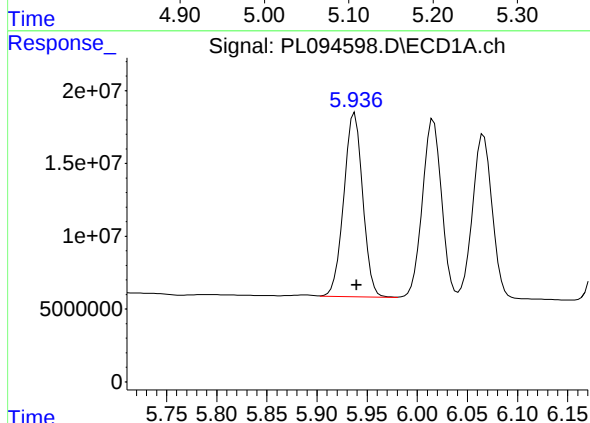
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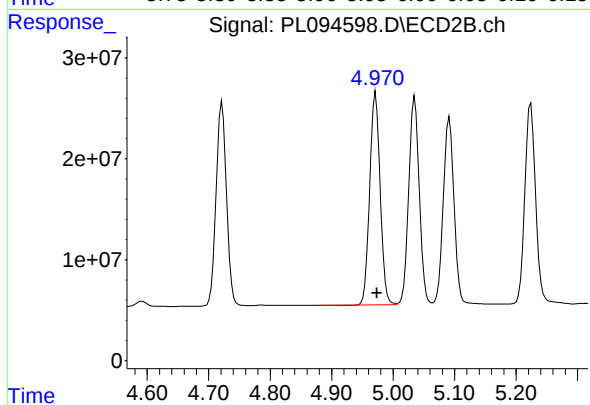
#9 Endosulfan I

R.T.: 5.092 min  
Delta R.T.: -0.002 min  
Response: 225668152  
Conc: 51.42 ng/ml



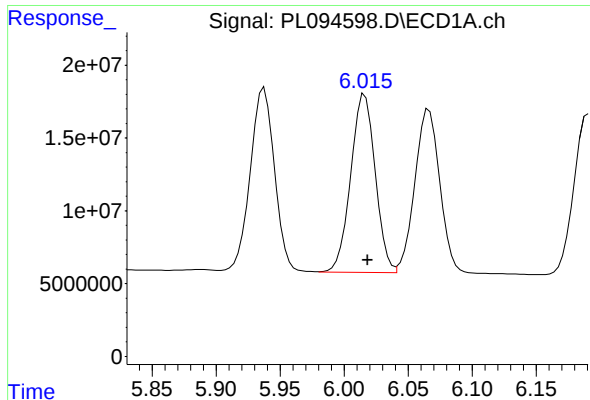
#10 gamma-Chlordane

R.T.: 5.938 min  
Delta R.T.: -0.002 min  
Response: 165920498  
Conc: 49.24 ng/ml



#10 gamma-Chlordane

R.T.: 4.972 min  
Delta R.T.: -0.002 min  
Response: 248999688  
Conc: 51.57 ng/ml



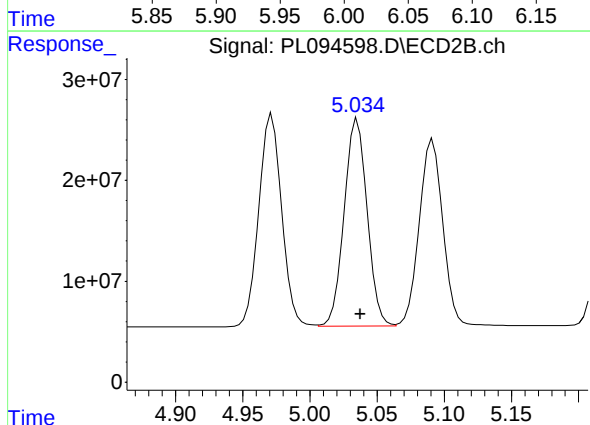
#11 alpha-Chlordane

R.T.: 6.016 min  
Delta R.T.: -0.002 min  
Response: 163026298  
Conc: 49.45 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

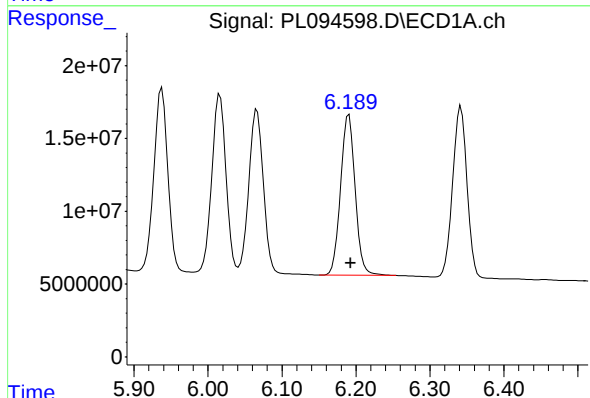
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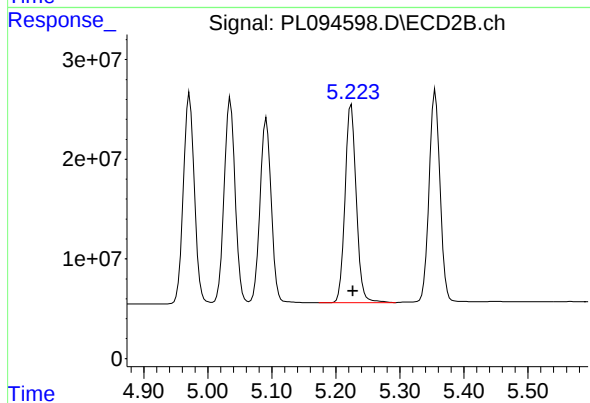
#11 alpha-Chlordane

R.T.: 5.035 min  
Delta R.T.: -0.002 min  
Response: 245611815  
Conc: 51.46 ng/ml



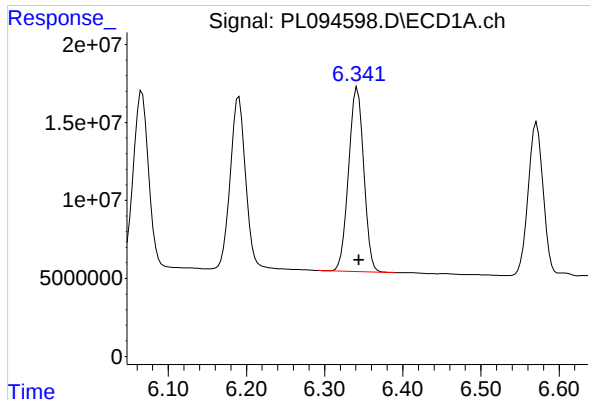
#12 4,4'-DDE

R.T.: 6.189 min  
Delta R.T.: -0.004 min  
Response: 150940755  
Conc: 51.30 ng/ml m



#12 4,4'-DDE

R.T.: 5.224 min  
Delta R.T.: -0.003 min  
Response: 242387911  
Conc: 52.14 ng/ml



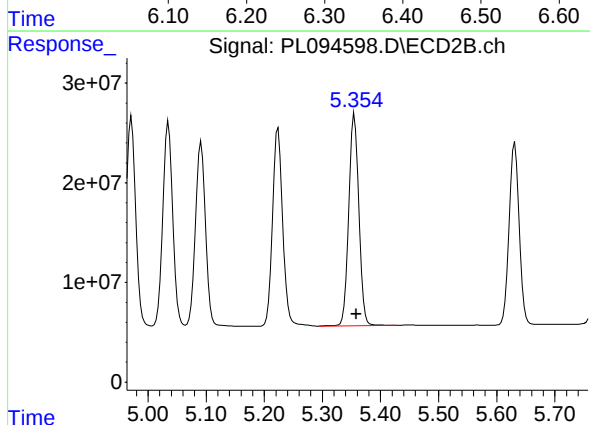
#13 Dieldrin

R.T.: 6.342 min  
Delta R.T.: -0.002 min  
Response: 158882346  
Conc: 49.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

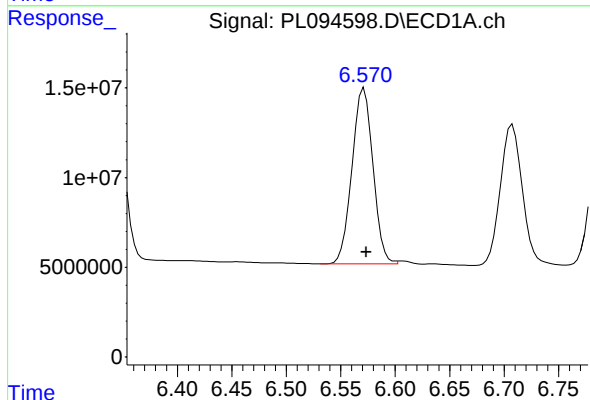
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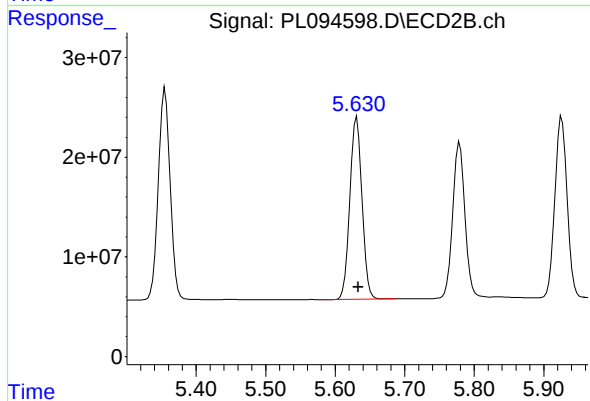
#13 Dieldrin

R.T.: 5.355 min  
Delta R.T.: -0.003 min  
Response: 253525148  
Conc: 52.25 ng/ml



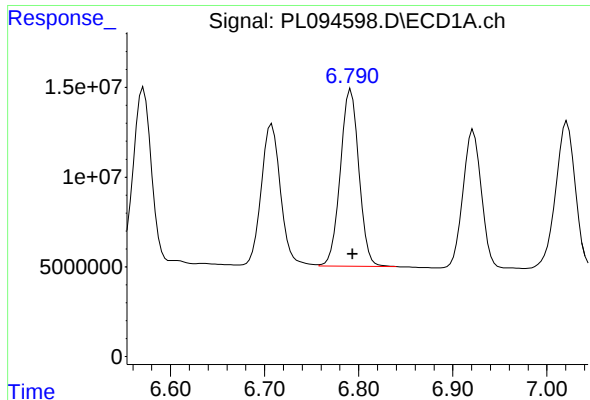
#14 Endrin

R.T.: 6.570 min  
Delta R.T.: -0.004 min  
Response: 131675901  
Conc: 47.50 ng/ml m



#14 Endrin

R.T.: 5.631 min  
Delta R.T.: -0.002 min  
Response: 221365320  
Conc: 50.73 ng/ml



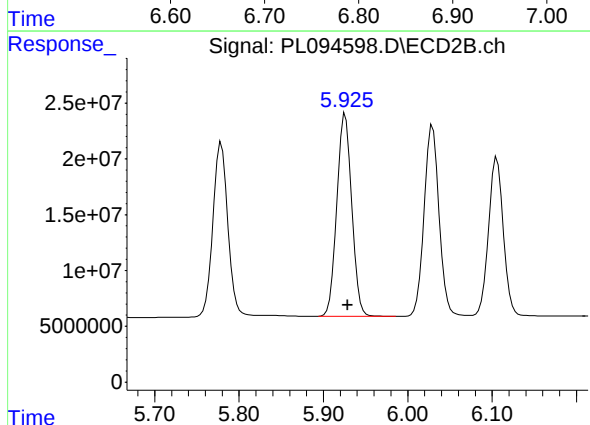
#15 Endosulfan II

R.T.: 6.792 min  
Delta R.T.: -0.002 min  
Response: 135095381  
Conc: 49.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

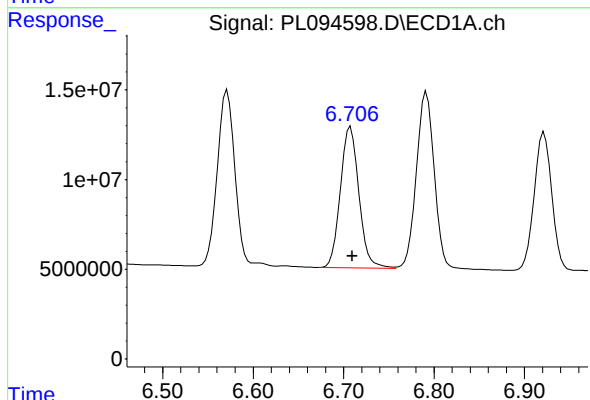
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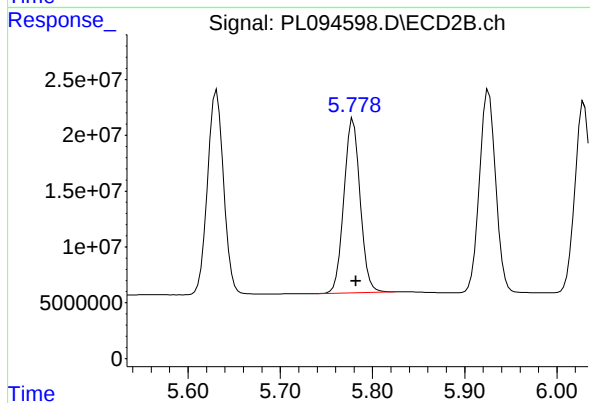
#15 Endosulfan II

R.T.: 5.926 min  
Delta R.T.: -0.003 min  
Response: 223242534  
Conc: 51.58 ng/ml



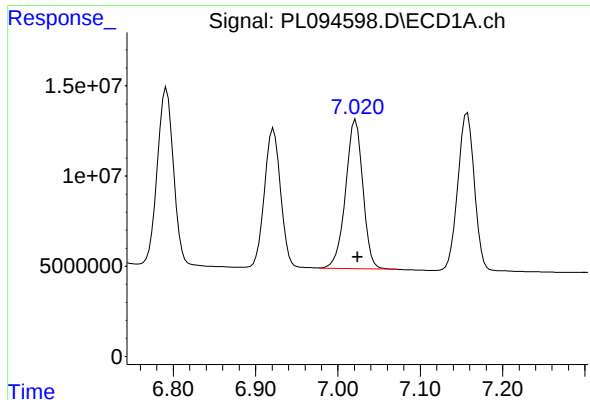
#16 4,4'-DDD

R.T.: 6.708 min  
Delta R.T.: -0.002 min  
Response: 112228294  
Conc: 51.81 ng/ml



#16 4,4'-DDD

R.T.: 5.779 min  
Delta R.T.: -0.003 min  
Response: 190841234  
Conc: 53.07 ng/ml



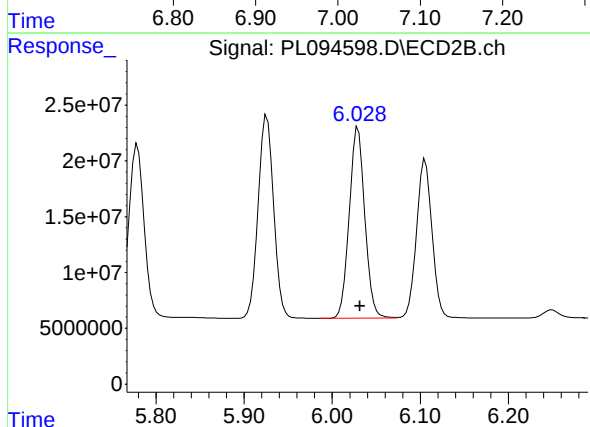
#17 4,4'-DDT

R.T.: 7.021 min  
Delta R.T.: -0.002 min  
Response: 120465386  
Conc: 50.65 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

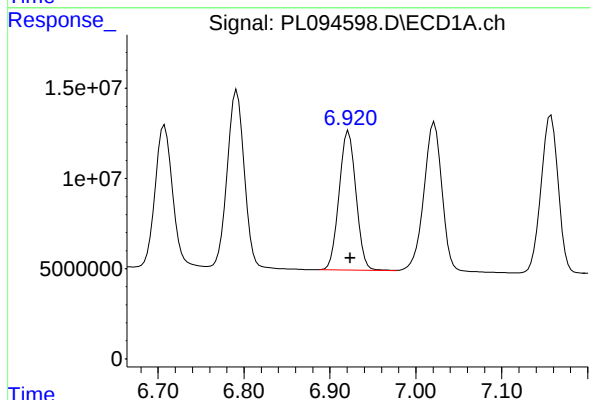
Manual Integrations  
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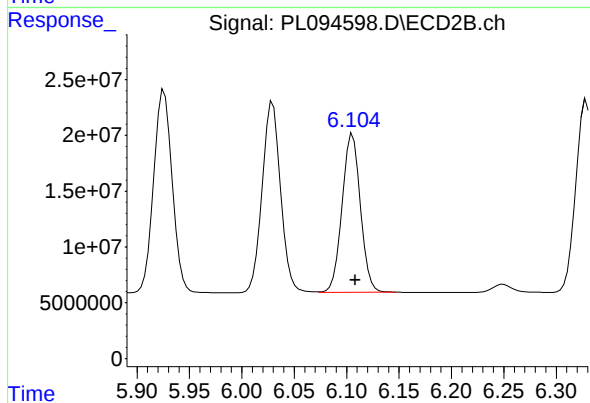
#17 4,4'-DDT

R.T.: 6.029 min  
Delta R.T.: -0.002 min  
Response: 210768920  
Conc: 52.27 ng/ml



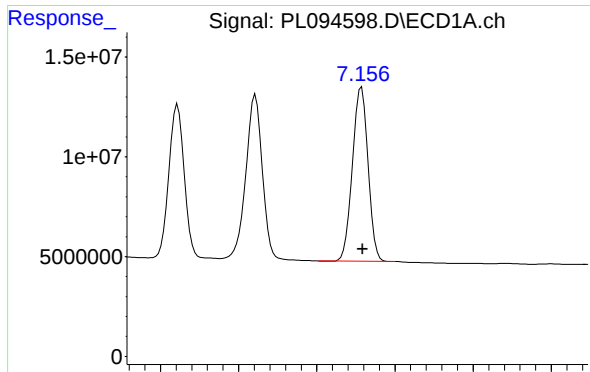
#18 Endrin aldehyde

R.T.: 6.922 min  
Delta R.T.: -0.002 min  
Response: 105284794  
Conc: 49.87 ng/ml



#18 Endrin aldehyde

R.T.: 6.106 min  
Delta R.T.: -0.003 min  
Response: 173079229  
Conc: 51.43 ng/ml



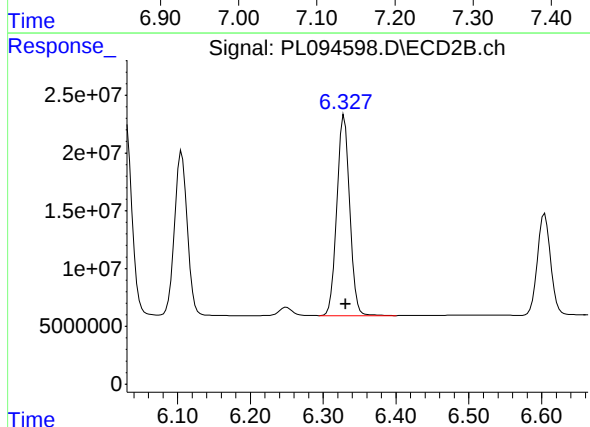
#19 Endosulfan Sulfate

R.T.: 7.157 min  
Delta R.T.: -0.001 min  
Response: 121304183  
Conc: 49.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

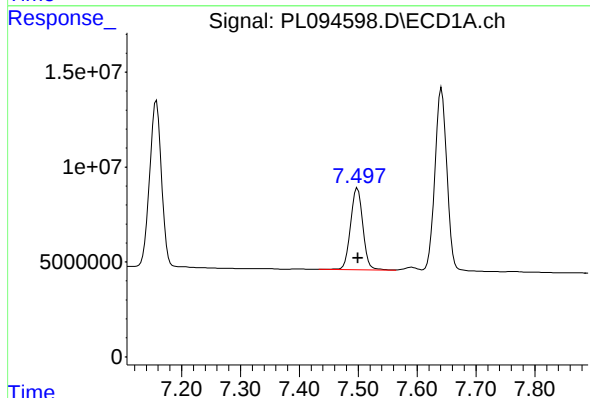
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Reviewed By :Abdul Mirza 03/12/2025  
Supervised By :Ankita Jodhani 03/12/2025



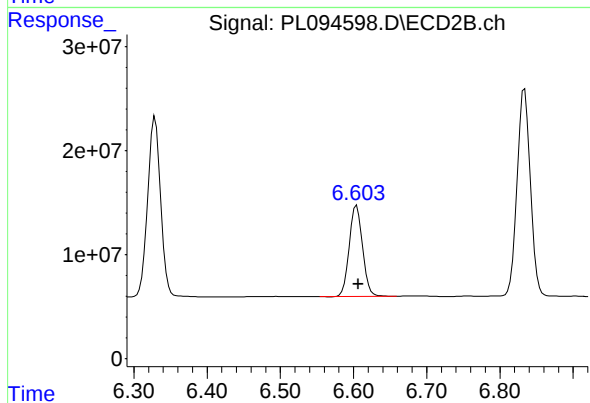
#19 Endosulfan Sulfate

R.T.: 6.329 min  
Delta R.T.: -0.002 min  
Response: 213095706  
Conc: 52.31 ng/ml



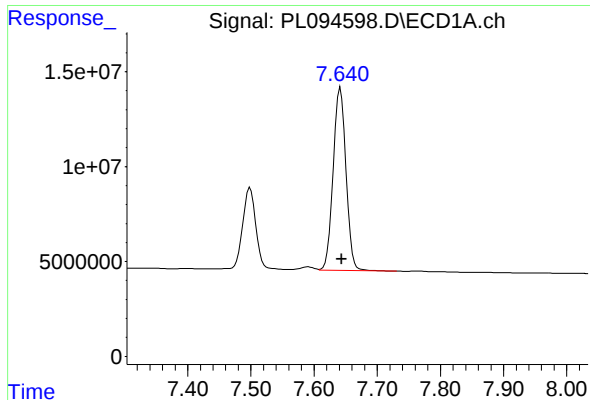
#20 Methoxychlor

R.T.: 7.499 min  
Delta R.T.: -0.001 min  
Response: 62816685  
Conc: 52.48 ng/ml



#20 Methoxychlor

R.T.: 6.604 min  
Delta R.T.: -0.003 min  
Response: 110317187  
Conc: 52.01 ng/ml



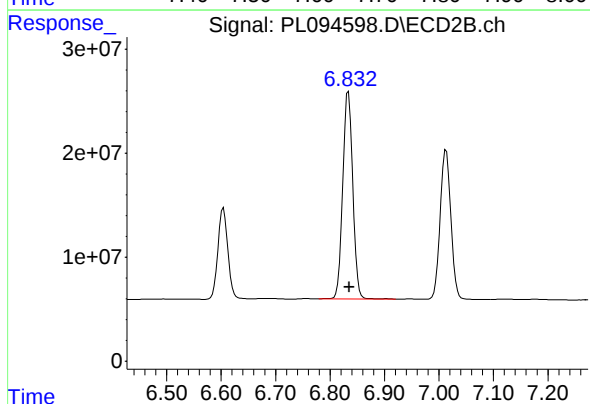
#21 Endrin ketone

R.T.: 7.642 min  
Delta R.T.: -0.002 min  
Response: 135880891  
Conc: 51.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

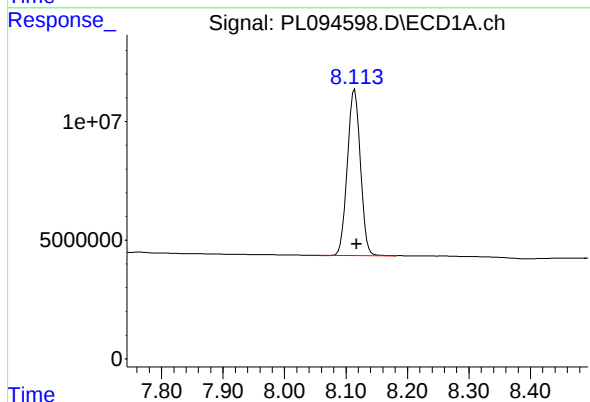
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/12/2025  
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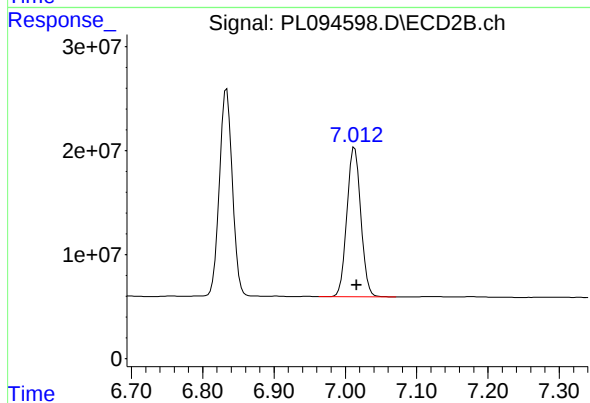
#21 Endrin ketone

R.T.: 6.834 min  
Delta R.T.: -0.002 min  
Response: 253520176  
Conc: 53.12 ng/ml



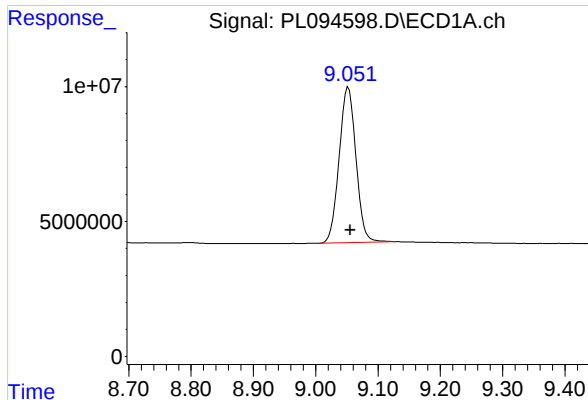
#22 Mirex

R.T.: 8.114 min  
Delta R.T.: -0.003 min  
Response: 103269043  
Conc: 49.98 ng/ml



#22 Mirex

R.T.: 7.013 min  
Delta R.T.: -0.003 min  
Response: 194773707  
Conc: 51.32 ng/ml



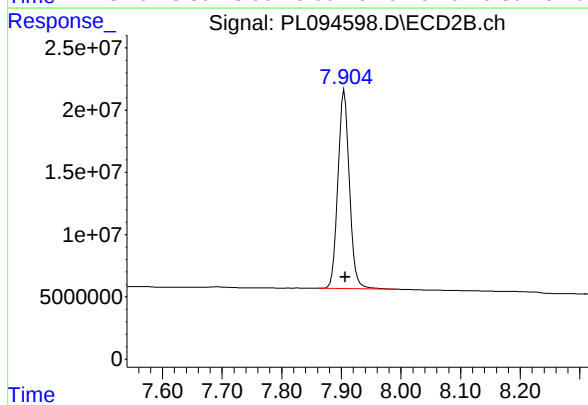
#28 Decachlorobiphenyl

R.T.: 9.052 min  
Delta R.T.: -0.003 min  
Response: 108115928  
Conc: 51.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

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Supervised By :Ankita Jodhani 03/12/2025



#28 Decachlorobiphenyl

R.T.: 7.905 min  
Delta R.T.: -0.002 min  
Response: 213333418  
Conc: 52.81 ng/ml