

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081925\  
 Data File : PL096883.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Aug 2025 11:07  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 08/20/2025  
 Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 20 01:36:15 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL072825.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 08 15:43:38 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... | 3.529 | 2.823 | 169.2E6  | 254.8E6 | 53.186  | 53.324  |
| 28)                         | SA Decachlor... | 9.006 | 7.987 | 119.6E6  | 204.2E6 | 50.149  | 47.069  |
| Target Compounds            |                 |       |       |          |         |         |         |
| 2)                          | A alpha-BHC     | 3.977 | 3.328 | 248.2E6  | 377.1E6 | 53.657  | 53.286  |
| 3)                          | MA gamma-BHC... | 4.303 | 3.660 | 235.4E6  | 347.6E6 | 53.208m | 52.643  |
| 4)                          | MA Heptachlor   | 4.896 | 4.009 | 237.2E6  | 351.2E6 | 57.081  | 52.724  |
| 5)                          | MB Aldrin       | 5.235 | 4.292 | 227.5E6  | 325.1E6 | 52.904  | 52.372  |
| 6)                          | B beta-BHC      | 4.490 | 3.957 | 97256234 | 148.6E6 | 53.883m | 52.661  |
| 7)                          | B delta-BHC     | 4.737 | 4.190 | 212.8E6  | 342.2E6 | 53.328  | 52.863  |
| 8)                          | B Heptachlo...  | 5.655 | 4.794 | 203.1E6  | 298.8E6 | 52.662  | 52.325  |
| 9)                          | A Endosulfan I  | 6.037 | 5.165 | 186.2E6  | 270.6E6 | 51.769  | 48.920  |
| 10)                         | B gamma-Chl...  | 5.909 | 5.045 | 203.1E6  | 309.4E6 | 53.377  | 52.618  |
| 11)                         | B alpha-Chl...  | 5.989 | 5.110 | 202.6E6  | 304.8E6 | 52.569  | 51.670  |
| 12)                         | B 4,4'-DDE      | 6.160 | 5.298 | 168.4E6  | 289.9E6 | 52.426  | 52.573  |
| 13)                         | MA Dieldrin     | 6.309 | 5.428 | 189.8E6  | 309.3E6 | 51.151  | 52.368m |
| 14)                         | MA Endrin       | 6.534 | 5.704 | 157.2E6  | 285.9E6 | 51.934m | 52.879  |
| 15)                         | B Endosulfa...  | 6.748 | 5.995 | 159.4E6  | 260.7E6 | 49.768m | 50.757  |
| 16)                         | A 4,4'-DDD      | 6.669 | 5.851 | 137.7E6  | 242.4E6 | 54.455  | 51.515  |
| 17)                         | MA 4,4'-DDT     | 6.983 | 6.104 | 150.1E6  | 269.6E6 | 52.341  | 53.290  |
| 18)                         | B Endrin al...  | 6.876 | 6.174 | 101.1E6  | 182.1E6 | 47.134m | 50.093  |
| 19)                         | B Endosulfa...  | 7.111 | 6.397 | 141.5E6  | 249.5E6 | 49.232  | 49.063  |
| 20)                         | A Methoxychlor  | 7.455 | 6.676 | 77903392 | 135.5E6 | 53.055  | 49.440  |
| 21)                         | B Endrin ke...  | 7.591 | 6.900 | 150.5E6  | 304.2E6 | 50.050  | 54.619m |
| 22)                         | Mirex           | 8.068 | 7.092 | 123.1E6  | 215.1E6 | 49.656m | 49.332  |
| -----                       |                 |       |       |          |         |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081925\  
Data File : PL096883.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Aug 2025 11:07  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

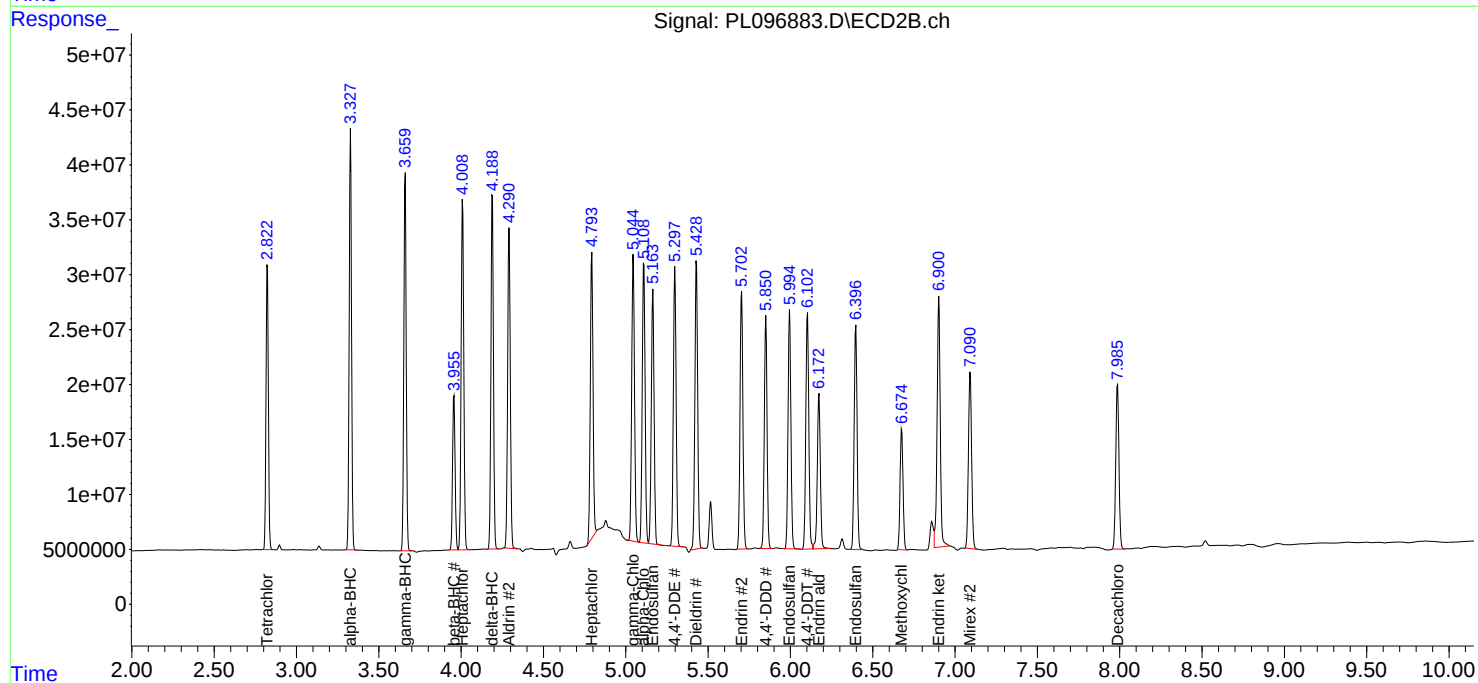
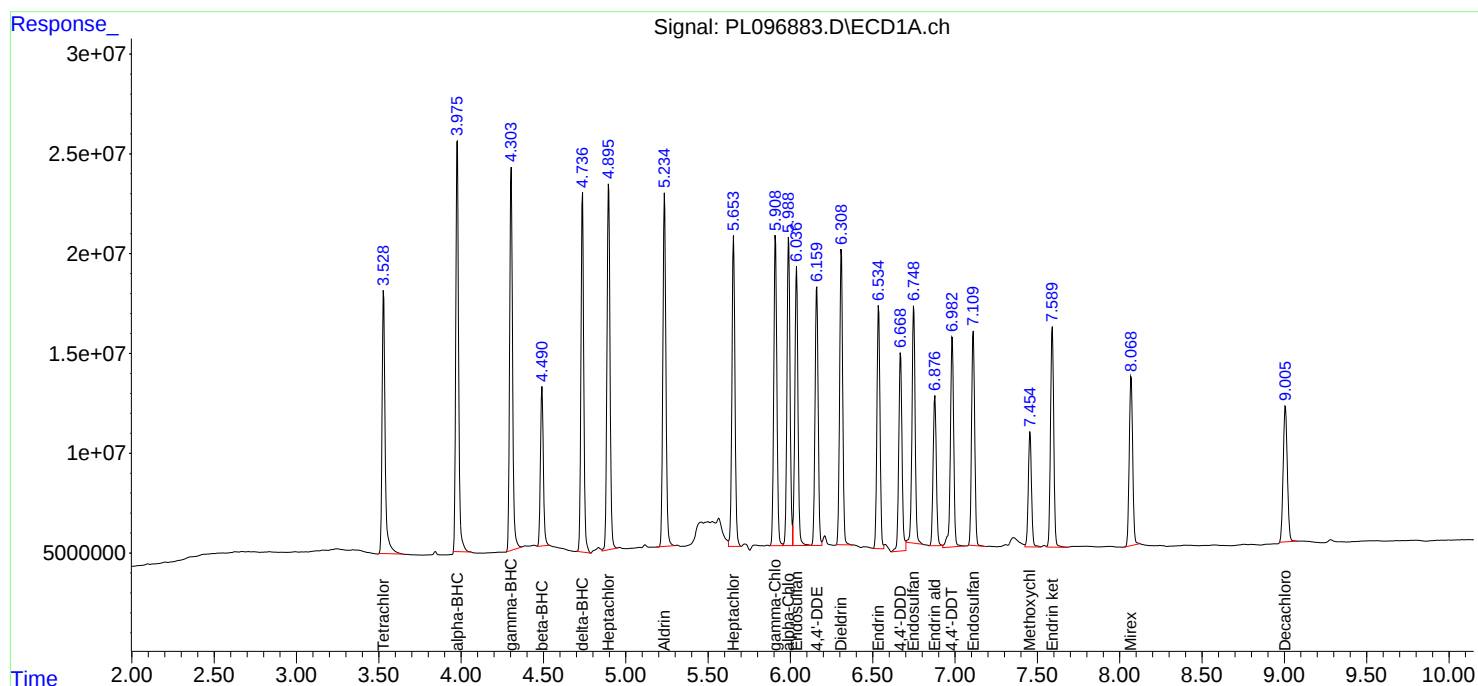
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

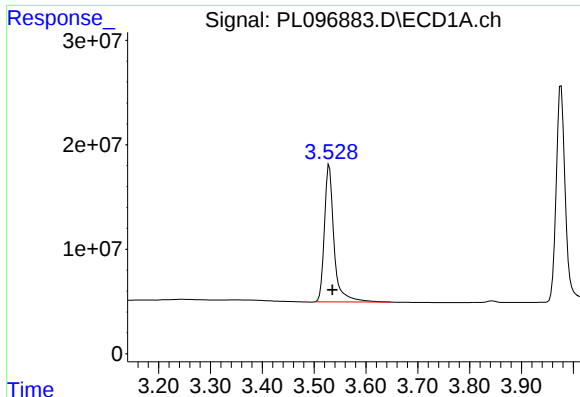
Manual Integrations  
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Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 20 01:36:15 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL072825.M  
Quant Title : GC Extractables  
QLast Update : Fri Aug 08 15:43:38 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





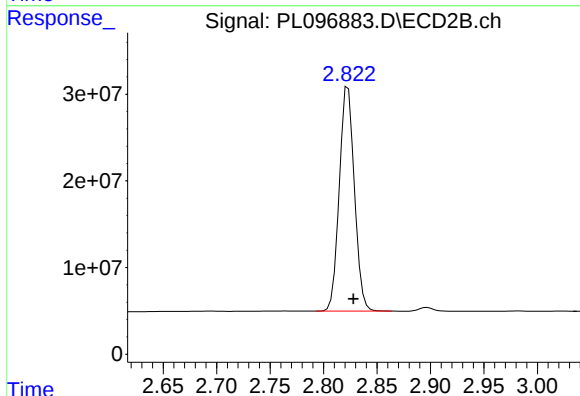
#1 Tetrachloro-m-xylene

R.T.: 3.529 min  
Delta R.T.: -0.006 min  
Response: 169172451  
Conc: 53.19 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

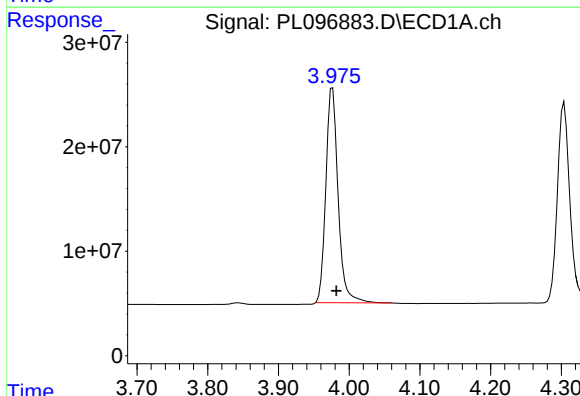
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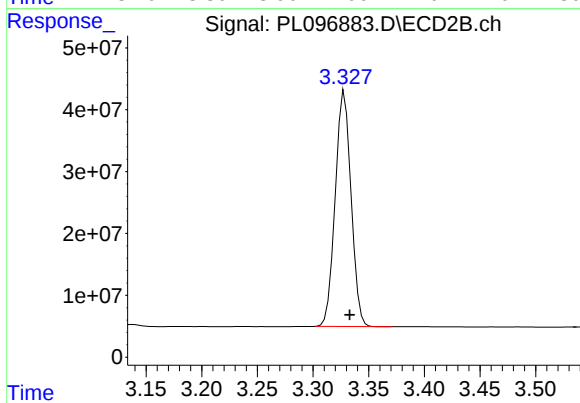
#1 Tetrachloro-m-xylene

R.T.: 2.823 min  
Delta R.T.: -0.005 min  
Response: 254768808  
Conc: 53.32 ng/ml



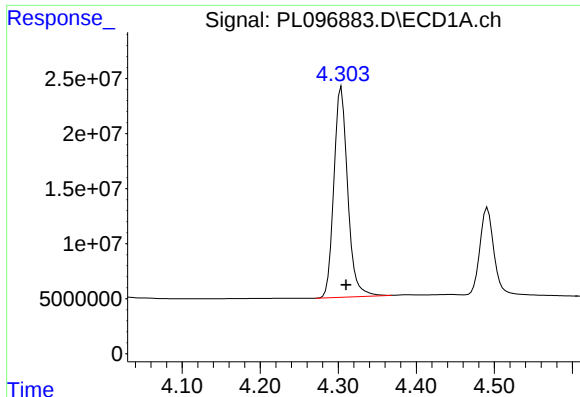
#2 alpha-BHC

R.T.: 3.977 min  
Delta R.T.: -0.006 min  
Response: 248235866  
Conc: 53.66 ng/ml



#2 alpha-BHC

R.T.: 3.328 min  
Delta R.T.: -0.005 min  
Response: 377109164  
Conc: 53.29 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.303 min  
Delta R.T.: -0.008 min  
Response: 235363894  
Conc: 53.21 ng/ml

Instrument :

ECD\_L

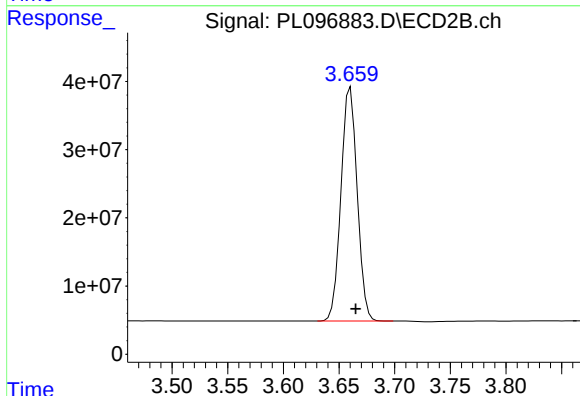
ClientSampleId :

PSTDCCC050

Manual Integrations

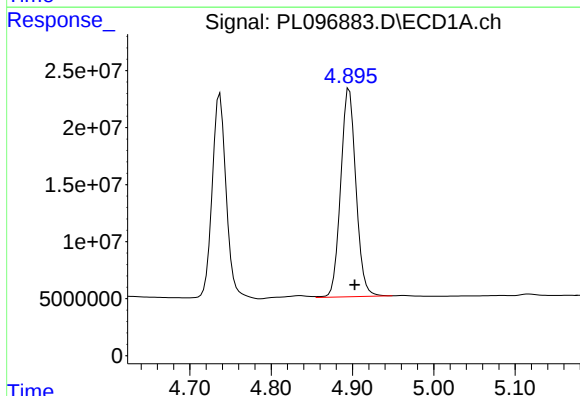
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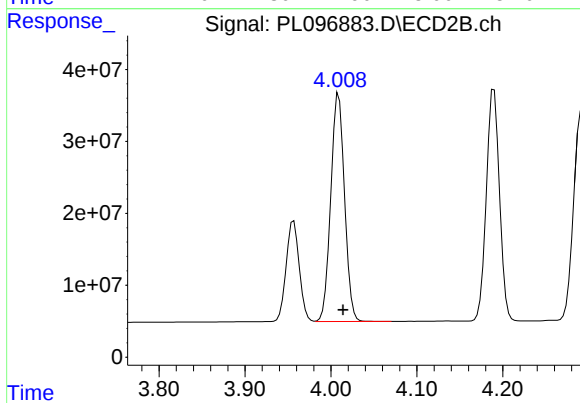
#3 gamma-BHC (Lindane)

R.T.: 3.660 min  
Delta R.T.: -0.005 min  
Response: 347622328  
Conc: 52.64 ng/ml



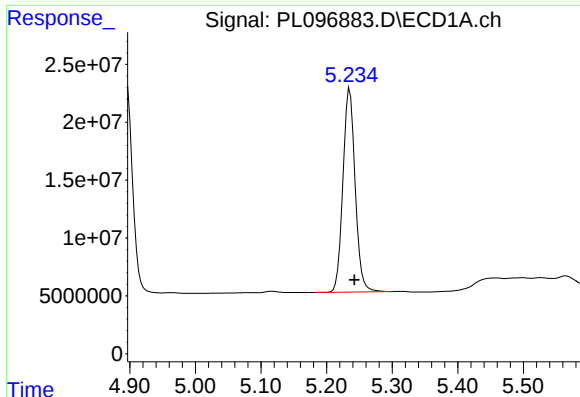
#4 Heptachlor

R.T.: 4.896 min  
Delta R.T.: -0.007 min  
Response: 237208958  
Conc: 57.08 ng/ml



#4 Heptachlor

R.T.: 4.009 min  
Delta R.T.: -0.005 min  
Response: 351242008  
Conc: 52.72 ng/ml



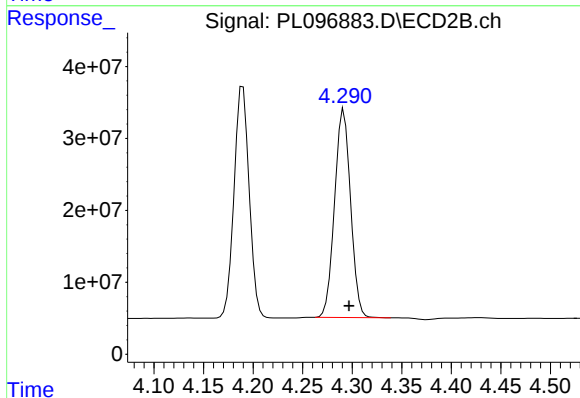
#5 Aldrin

R.T.: 5.235 min  
Delta R.T.: -0.007 min  
Response: 227541406  
Conc: 52.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

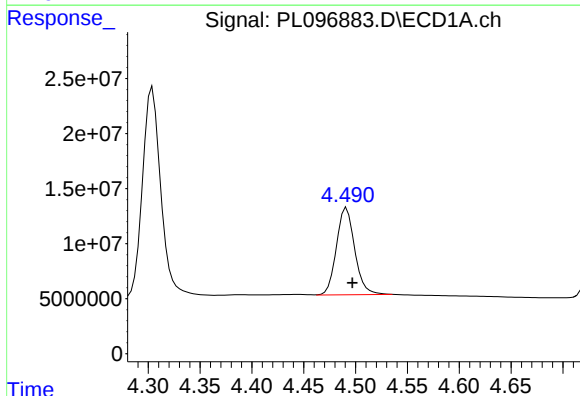
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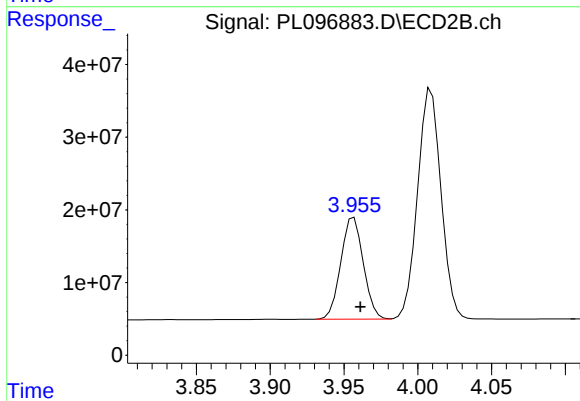
#5 Aldrin

R.T.: 4.292 min  
Delta R.T.: -0.005 min  
Response: 325078016  
Conc: 52.37 ng/ml



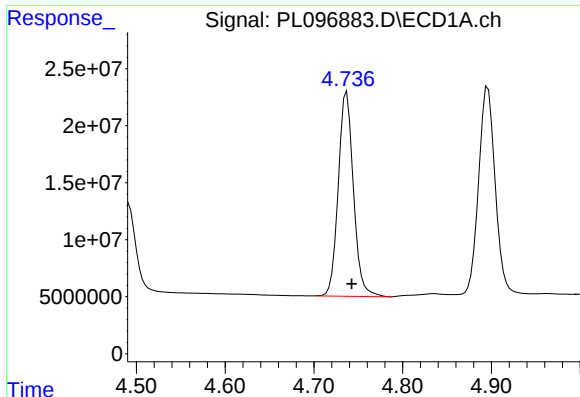
#6 beta-BHC

R.T.: 4.490 min  
Delta R.T.: -0.007 min  
Response: 97256234  
Conc: 53.88 ng/ml m



#6 beta-BHC

R.T.: 3.957 min  
Delta R.T.: -0.004 min  
Response: 148550185  
Conc: 52.66 ng/ml



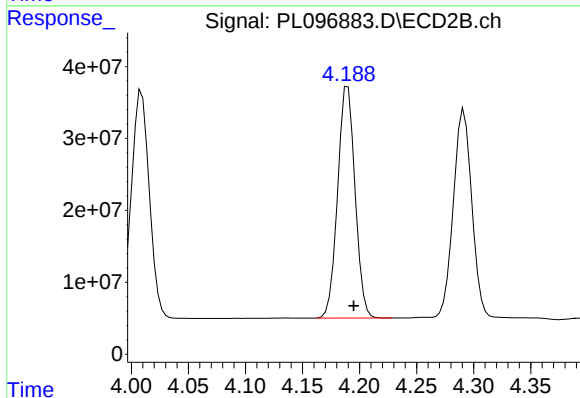
#7 delta-BHC

R.T.: 4.737 min  
Delta R.T.: -0.005 min  
Response: 212769495  
Conc: 53.33 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

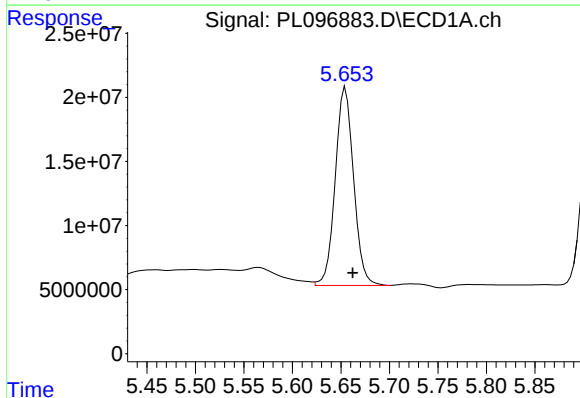
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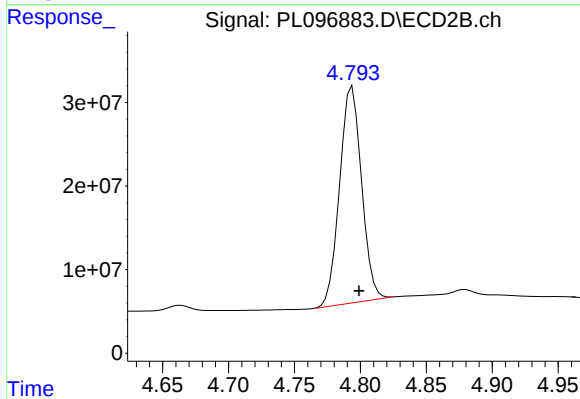
#7 delta-BHC

R.T.: 4.190 min  
Delta R.T.: -0.005 min  
Response: 342215690  
Conc: 52.86 ng/ml



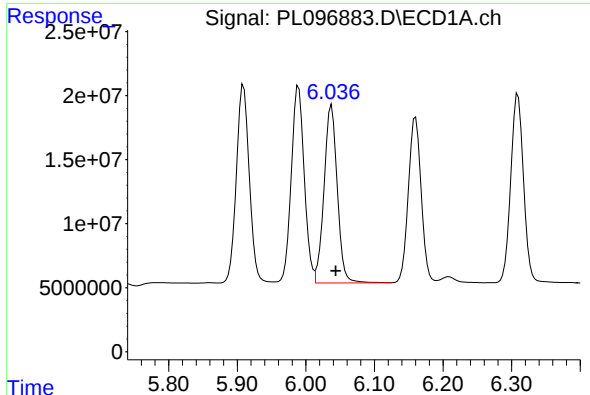
#8 Heptachlor epoxide

R.T.: 5.655 min  
Delta R.T.: -0.008 min  
Response: 203092232  
Conc: 52.66 ng/ml



#8 Heptachlor epoxide

R.T.: 4.794 min  
Delta R.T.: -0.005 min  
Response: 298847063  
Conc: 52.33 ng/ml



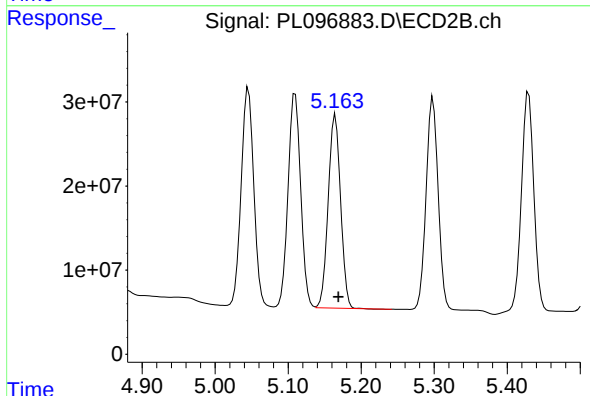
#9 Endosulfan I

R.T.: 6.037 min  
Delta R.T.: -0.006 min  
Response: 186180275  
Conc: 51.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

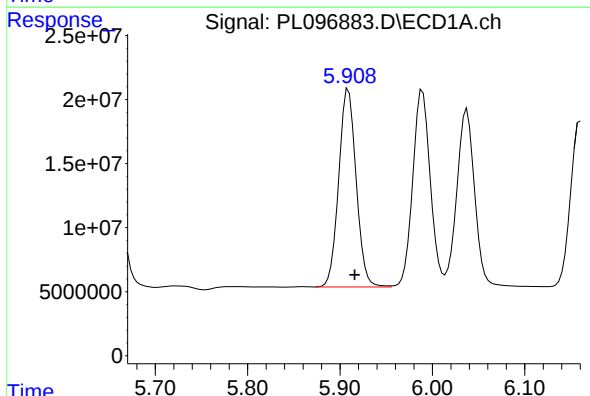
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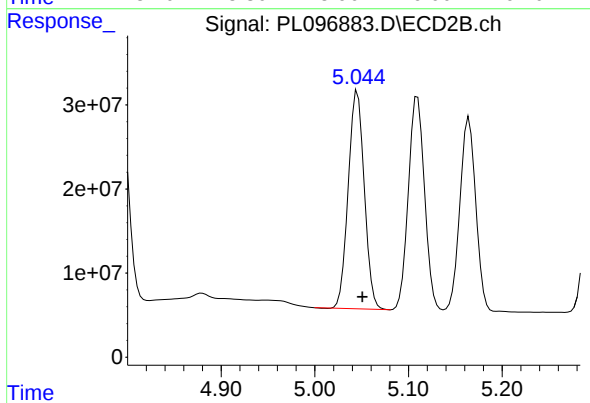
#9 Endosulfan I

R.T.: 5.165 min  
Delta R.T.: -0.004 min  
Response: 270594793  
Conc: 48.92 ng/ml



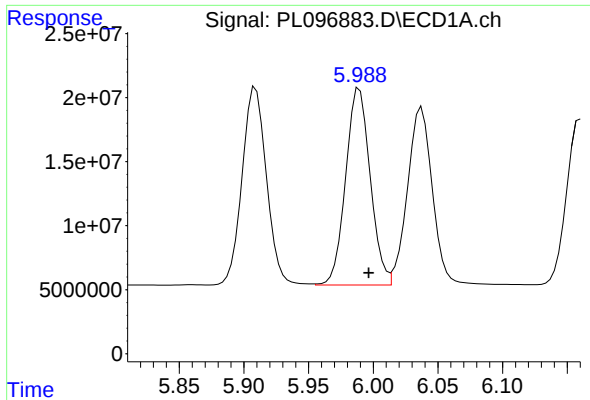
#10 gamma-Chlordane

R.T.: 5.909 min  
Delta R.T.: -0.007 min  
Response: 203111093  
Conc: 53.38 ng/ml



#10 gamma-Chlordane

R.T.: 5.045 min  
Delta R.T.: -0.006 min  
Response: 309399514  
Conc: 52.62 ng/ml



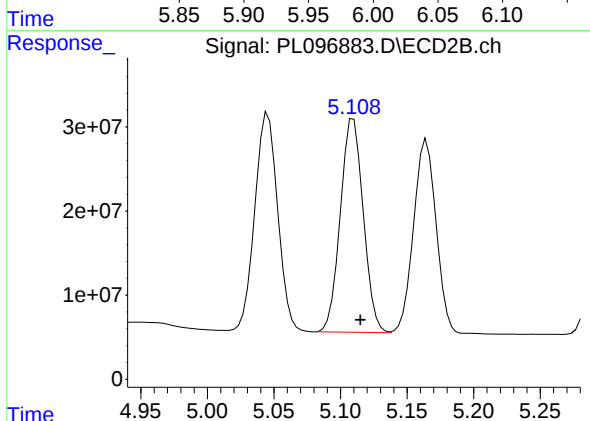
#11 alpha-Chlordane

R.T.: 5.989 min  
Delta R.T.: -0.007 min  
Response: 202635869  
Conc: 52.57 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

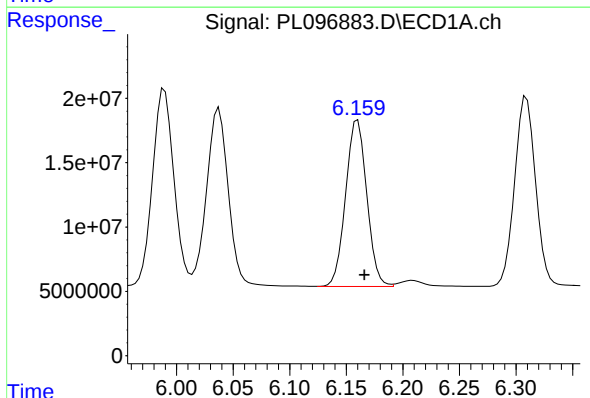
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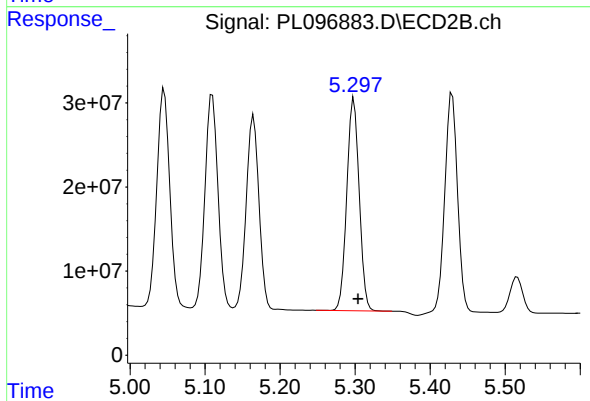
#11 alpha-Chlordane

R.T.: 5.110 min  
Delta R.T.: -0.005 min  
Response: 304797223  
Conc: 51.67 ng/ml



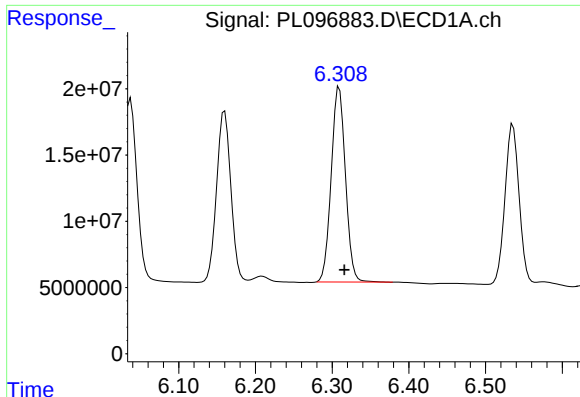
#12 4,4'-DDE

R.T.: 6.160 min  
Delta R.T.: -0.006 min  
Response: 168352423  
Conc: 52.43 ng/ml



#12 4,4'-DDE

R.T.: 5.298 min  
Delta R.T.: -0.006 min  
Response: 289908511  
Conc: 52.57 ng/ml



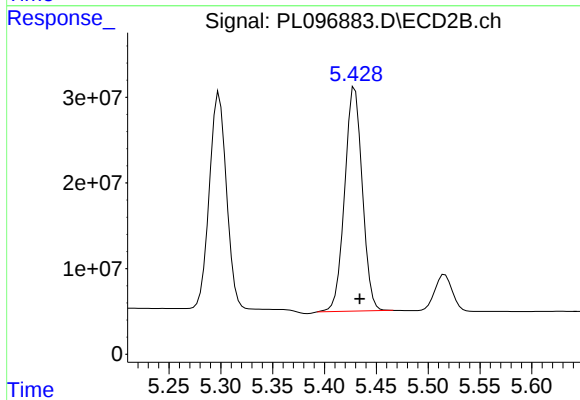
#13 Dieldrin

R.T.: 6.309 min  
Delta R.T.: -0.007 min  
Response: 189828288  
Conc: 51.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

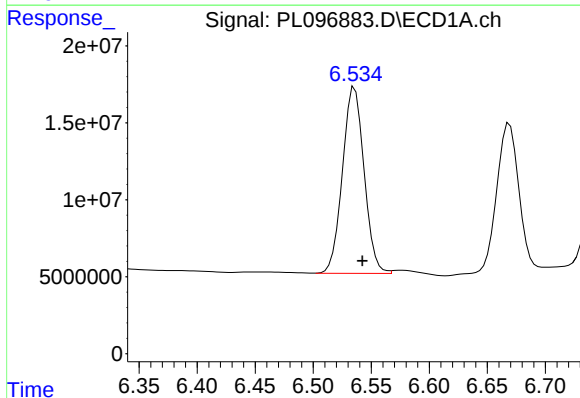
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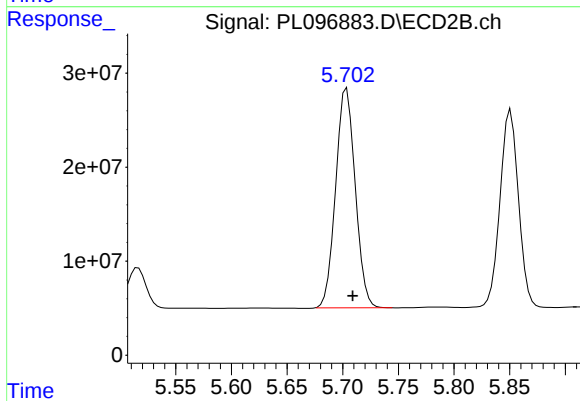
#13 Dieldrin

R.T.: 5.428 min  
Delta R.T.: -0.006 min  
Response: 309313506  
Conc: 52.37 ng/ml m



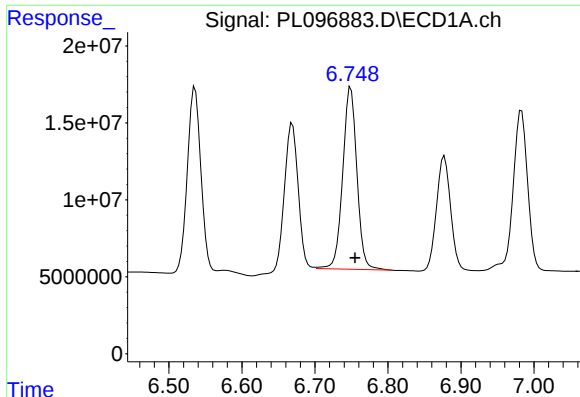
#14 Endrin

R.T.: 6.534 min  
Delta R.T.: -0.008 min  
Response: 157192352  
Conc: 51.93 ng/ml m



#14 Endrin

R.T.: 5.704 min  
Delta R.T.: -0.005 min  
Response: 285859722  
Conc: 52.88 ng/ml



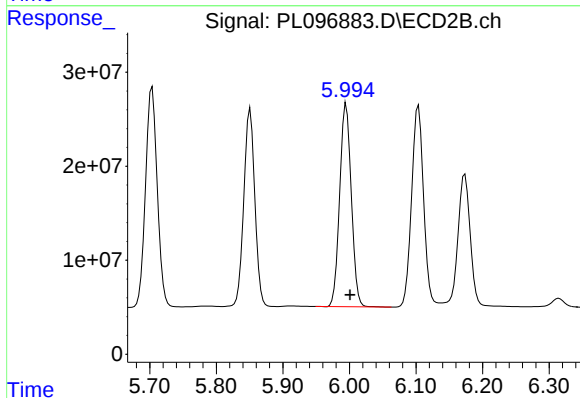
#15 Endosulfan II

R.T.: 6.748 min  
Delta R.T.: -0.007 min  
Response: 159388669  
Conc: 49.77 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

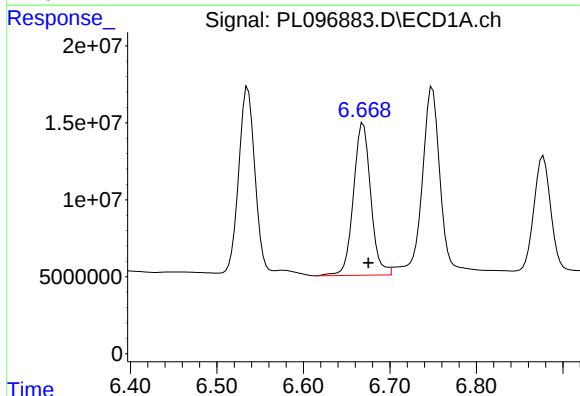
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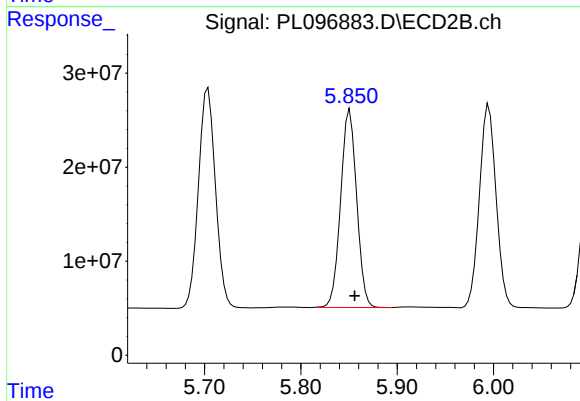
#15 Endosulfan II

R.T.: 5.995 min  
Delta R.T.: -0.006 min  
Response: 260701440  
Conc: 50.76 ng/ml



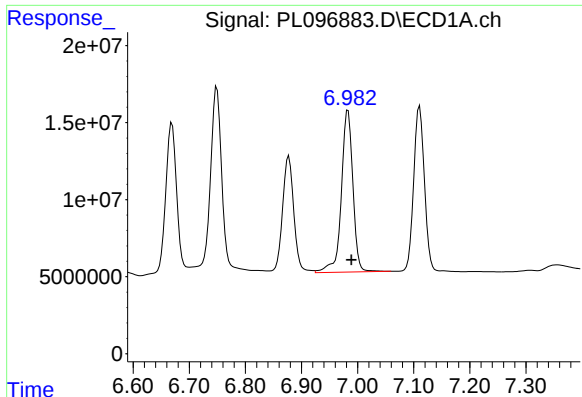
#16 4,4'-DDD

R.T.: 6.669 min  
Delta R.T.: -0.006 min  
Response: 137681415  
Conc: 54.45 ng/ml



#16 4,4'-DDD

R.T.: 5.851 min  
Delta R.T.: -0.005 min  
Response: 242394830  
Conc: 51.52 ng/ml



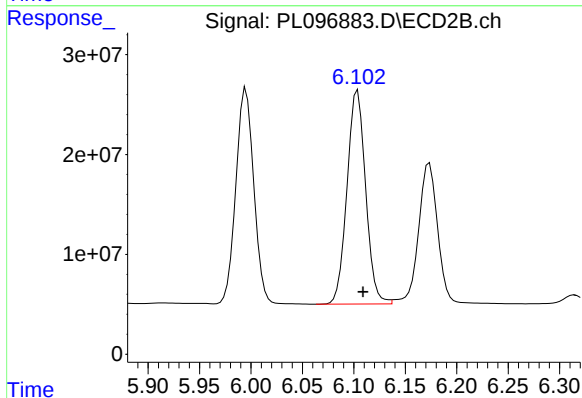
#17 4,4'-DDT

R.T.: 6.983 min  
Delta R.T.: -0.006 min  
Response: 150097513  
Conc: 52.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

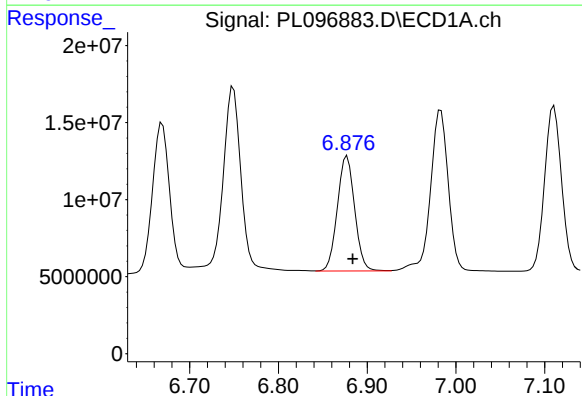
Manual Integrations  
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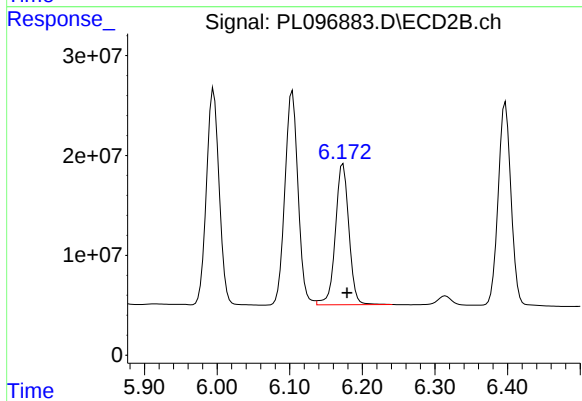
#17 4,4'-DDT

R.T.: 6.104 min  
Delta R.T.: -0.005 min  
Response: 269558197  
Conc: 53.29 ng/ml



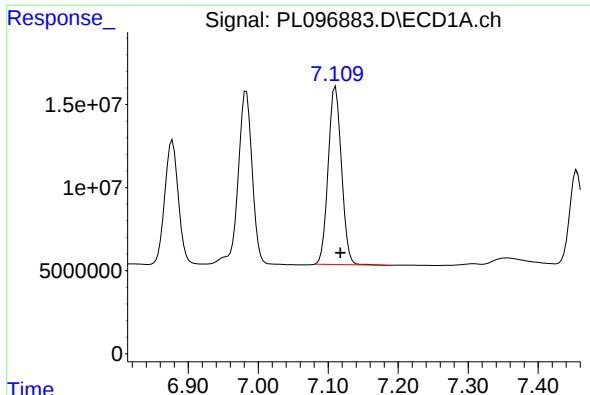
#18 Endrin aldehyde

R.T.: 6.876 min  
Delta R.T.: -0.008 min  
Response: 101145055  
Conc: 47.13 ng/ml m



#18 Endrin aldehyde

R.T.: 6.174 min  
Delta R.T.: -0.005 min  
Response: 182089817  
Conc: 50.09 ng/ml



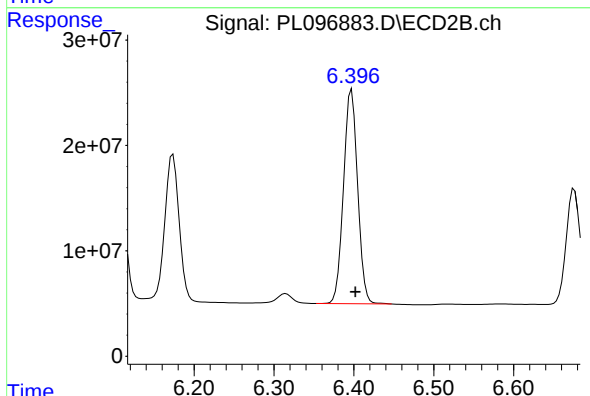
#19 Endosulfan Sulfate

R.T.: 7.111 min  
Delta R.T.: -0.007 min  
Response: 141477666  
Conc: 49.23 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

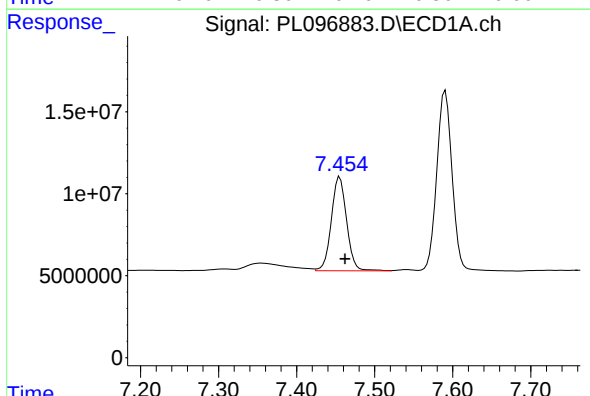
Manual Integrations  
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Reviewed By :Abdul Mirza 08/20/2025  
Supervised By :mohammad ahmed 08/21/2025



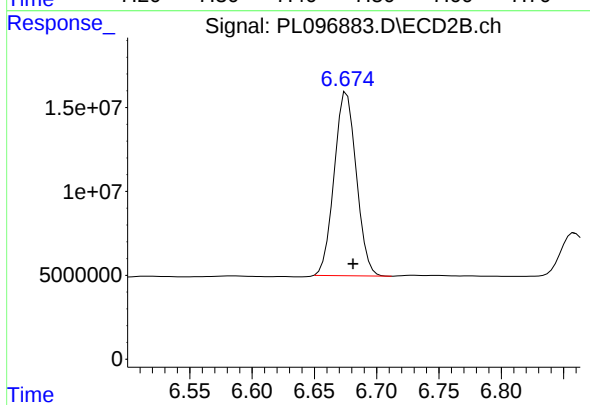
#19 Endosulfan Sulfate

R.T.: 6.397 min  
Delta R.T.: -0.005 min  
Response: 249546845  
Conc: 49.06 ng/ml



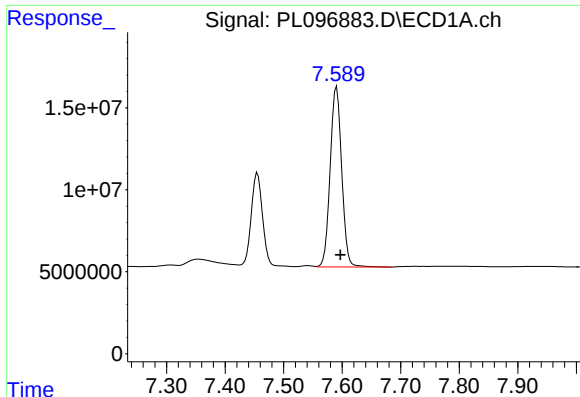
#20 Methoxychlor

R.T.: 7.455 min  
Delta R.T.: -0.007 min  
Response: 77903392  
Conc: 53.05 ng/ml



#20 Methoxychlor

R.T.: 6.676 min  
Delta R.T.: -0.005 min  
Response: 135489493  
Conc: 49.44 ng/ml



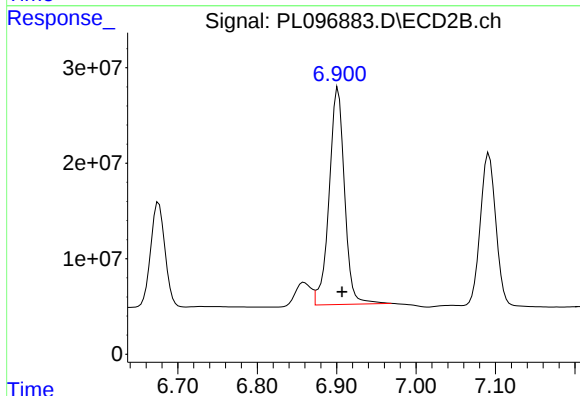
#21 Endrin ketone

R.T.: 7.591 min  
Delta R.T.: -0.006 min  
Response: 150485214  
Conc: 50.05 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

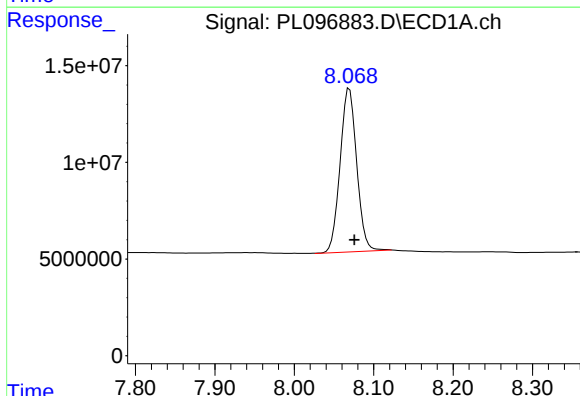
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/20/2025  
Supervised By :mohammad ahmed 08/21/2025



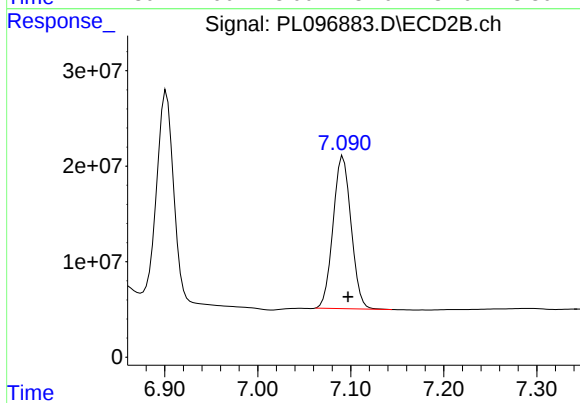
#21 Endrin ketone

R.T.: 6.900 min  
Delta R.T.: -0.007 min  
Response: 304212282  
Conc: 54.62 ng/ml m



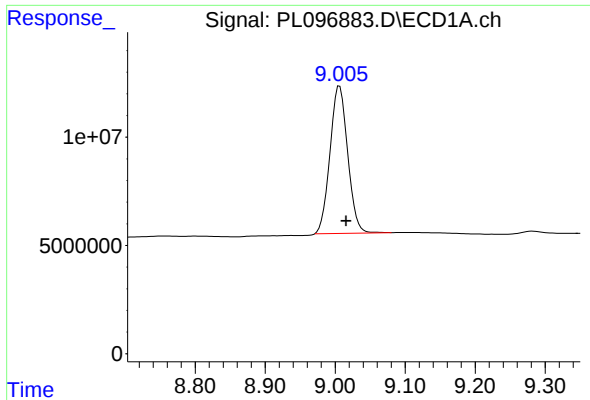
#22 Mirex

R.T.: 8.068 min  
Delta R.T.: -0.008 min  
Response: 123115537  
Conc: 49.66 ng/ml m



#22 Mirex

R.T.: 7.092 min  
Delta R.T.: -0.005 min  
Response: 215128947  
Conc: 49.33 ng/ml



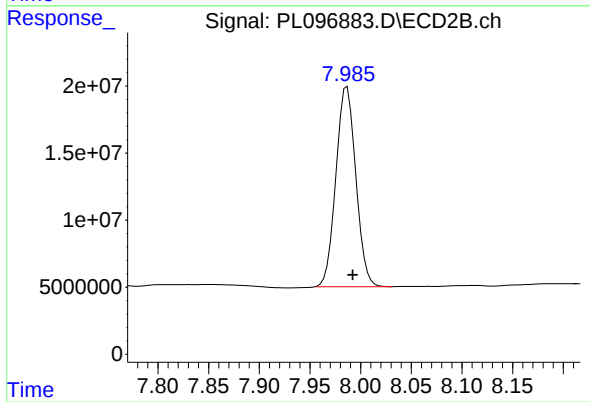
#28 Decachlorobiphenyl

R.T.: 9.006 min  
Delta R.T.: -0.009 min  
Response: 119588924  
Conc: 50.15 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 08/20/2025  
Supervised By :mohammad ahmed 08/21/2025



#28 Decachlorobiphenyl

R.T.: 7.987 min  
Delta R.T.: -0.005 min  
Response: 204201924  
Conc: 47.07 ng/ml