

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081925\  
 Data File : PL096895.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 19 Aug 2025 15:20  
 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 01:37:59 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... | 3.531 | 2.826 | 175.3E6  | 256.7E6 | 55.122  | 53.727  |
| 28)                         | SA Decachlor... | 9.002 | 7.985 | 126.9E6  | 194.3E6 | 53.217m | 44.784m |
| Target Compounds            |                 |       |       |          |         |         |         |
| 2)                          | A alpha-BHC     | 3.978 | 3.331 | 254.1E6  | 382.5E6 | 54.922  | 54.042  |
| 3)                          | MA gamma-BHC... | 4.306 | 3.663 | 239.0E6  | 353.5E6 | 54.027  | 53.532  |
| 4)                          | MA Heptachlor   | 4.897 | 4.011 | 235.6E6  | 349.6E6 | 56.688  | 52.475  |
| 5)                          | MB Aldrin       | 5.236 | 4.293 | 227.0E6  | 327.4E6 | 52.783  | 52.748  |
| 6)                          | B beta-BHC      | 4.491 | 3.959 | 102.2E6  | 150.4E6 | 56.643m | 53.327  |
| 7)                          | B delta-BHC     | 4.738 | 4.191 | 222.3E6  | 344.2E6 | 55.714  | 53.174  |
| 8)                          | B Heptachlo...  | 5.654 | 4.795 | 207.9E6  | 290.6E6 | 53.911  | 50.877  |
| 9)                          | A Endosulfan I  | 6.036 | 5.166 | 181.7E6  | 264.1E6 | 50.515  | 47.754  |
| 10)                         | B gamma-Chl...  | 5.909 | 5.047 | 202.1E6  | 301.6E6 | 53.102  | 51.295  |
| 11)                         | B alpha-Chl...  | 5.989 | 5.111 | 199.4E6  | 296.3E6 | 51.719  | 50.235  |
| 12)                         | B 4,4'-DDE      | 6.159 | 5.299 | 169.4E6  | 279.1E6 | 52.747  | 50.617  |
| 13)                         | MA Dieldrin     | 6.307 | 5.429 | 188.8E6  | 295.9E6 | 50.870m | 50.097m |
| 14)                         | MA Endrin       | 6.533 | 5.705 | 154.8E6  | 292.4E6 | 51.154m | 54.089  |
| 15)                         | B Endosulfa...  | 6.746 | 5.996 | 157.2E6  | 243.8E6 | 49.073m | 47.470  |
| 16)                         | A 4,4'-DDD      | 6.667 | 5.852 | 139.7E6  | 226.5E6 | 55.238  | 48.130  |
| 17)                         | MA 4,4'-DDT     | 6.982 | 6.104 | 145.3E6  | 237.9E6 | 50.667  | 47.033  |
| 18)                         | B Endrin al...  | 6.876 | 6.175 | 111.1E6  | 171.0E6 | 51.774  | 47.044  |
| 19)                         | B Endosulfa...  | 7.109 | 6.398 | 136.7E6  | 231.3E6 | 47.583  | 45.475  |
| 20)                         | A Methoxychlor  | 7.452 | 6.675 | 71029000 | 123.0E6 | 48.373m | 44.895m |
| 21)                         | B Endrin ke...  | 7.589 | 6.902 | 142.3E6  | 252.5E6 | 47.312  | 45.329  |
| 22)                         | Mirex           | 8.066 | 7.092 | 116.6E6  | 191.4E6 | 47.024m | 43.894  |
| -----                       |                 |       |       |          |         |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL081925\  
Data File : PL096895.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 19 Aug 2025 15:20  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

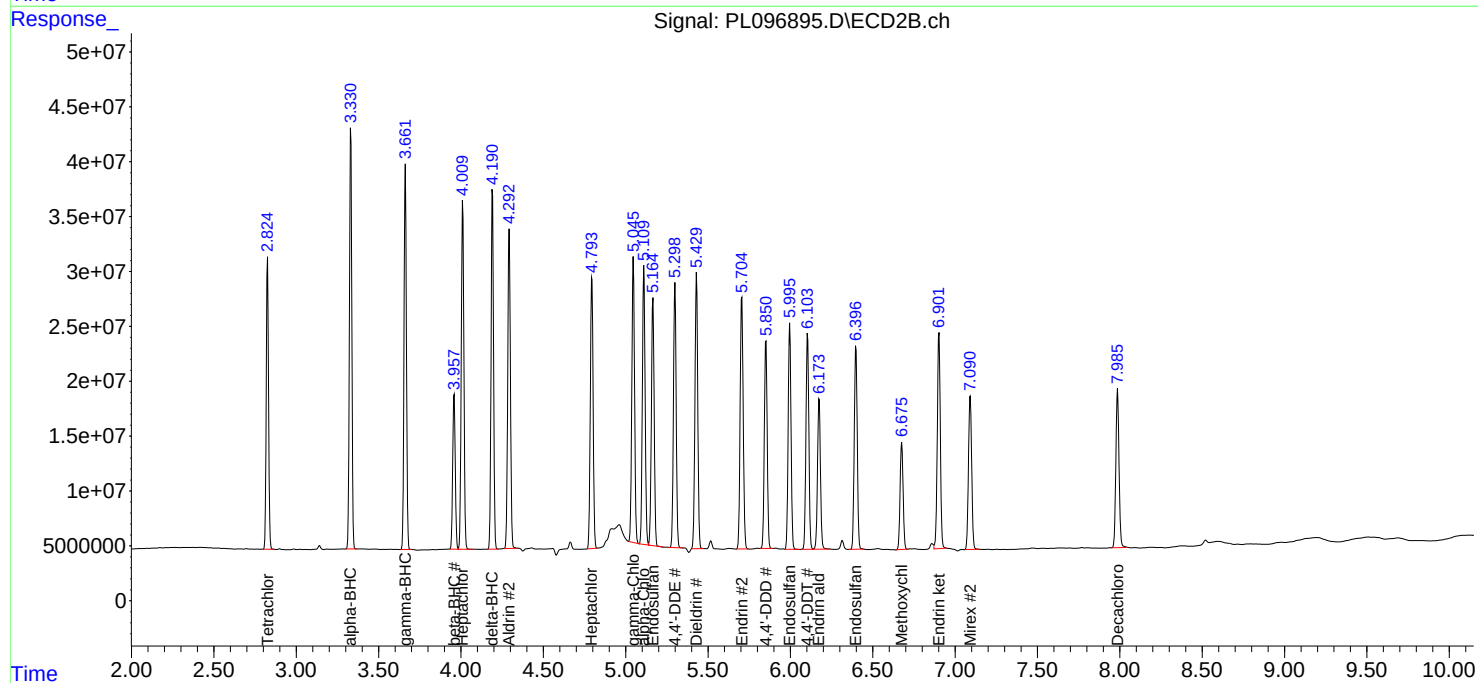
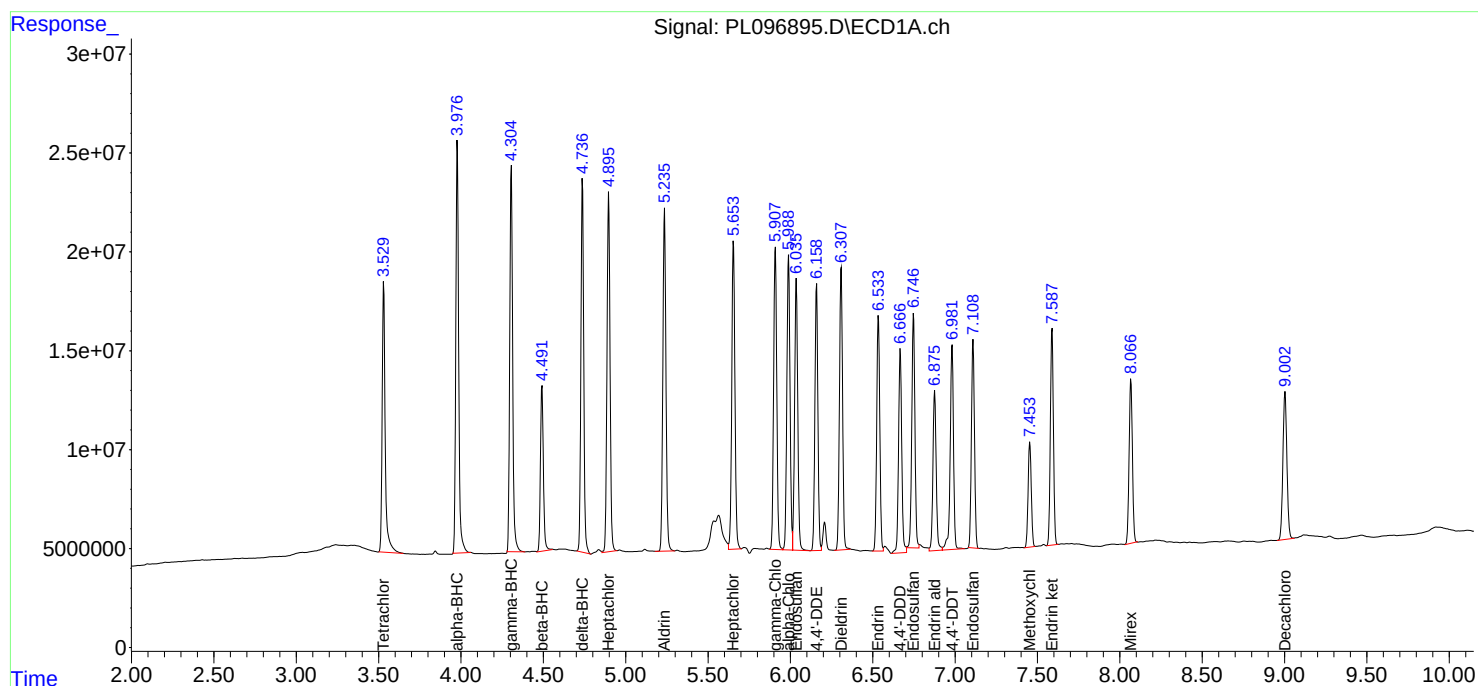
Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

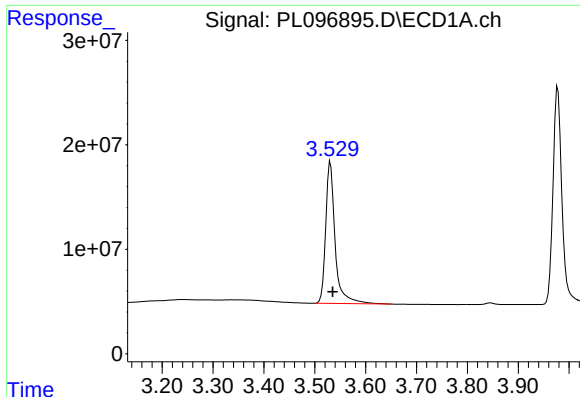
Manual Integrations  
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Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 20 01:37:59 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





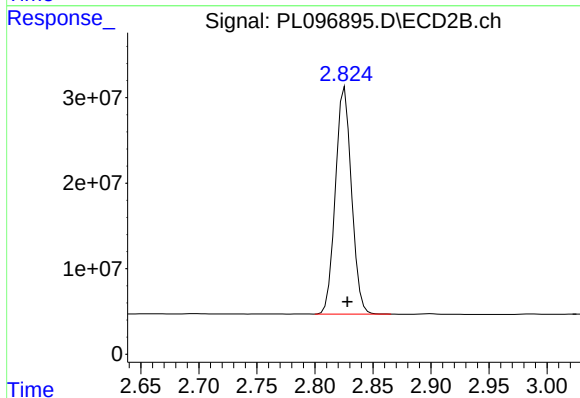
#1 Tetrachloro-m-xylene

R.T.: 3.531 min  
Delta R.T.: -0.004 min  
Response: 175332172  
Conc: 55.12 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

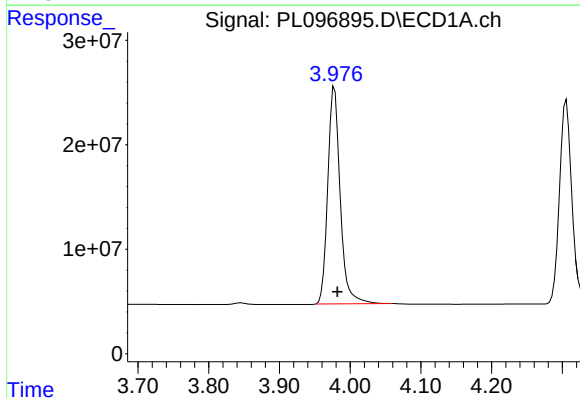
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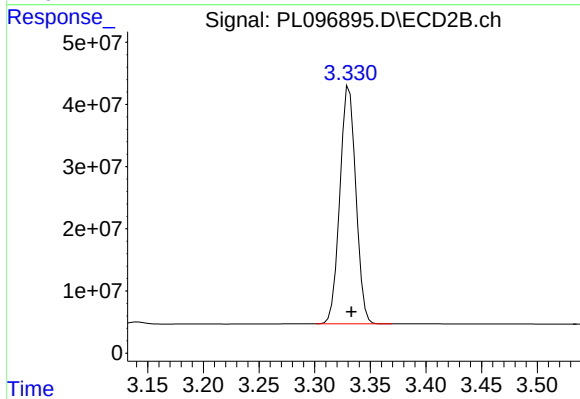
#1 Tetrachloro-m-xylene

R.T.: 2.826 min  
Delta R.T.: -0.002 min  
Response: 256694097  
Conc: 53.73 ng/ml



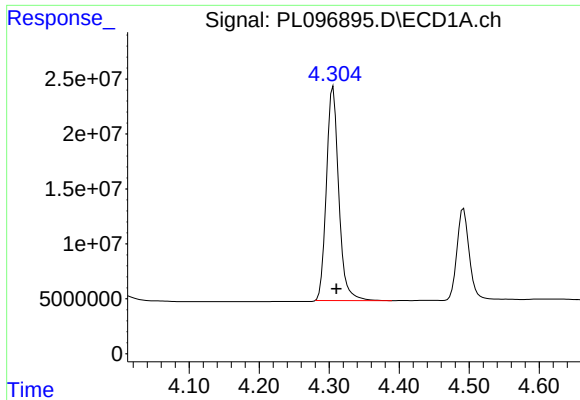
#2 alpha-BHC

R.T.: 3.978 min  
Delta R.T.: -0.004 min  
Response: 254087340  
Conc: 54.92 ng/ml



#2 alpha-BHC

R.T.: 3.331 min  
Delta R.T.: -0.002 min  
Response: 382457699  
Conc: 54.04 ng/ml



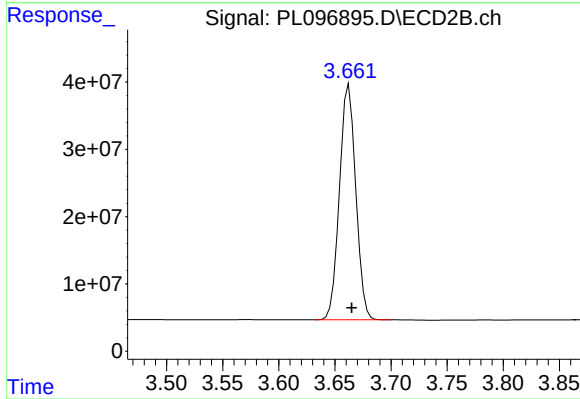
#3 gamma-BHC (Lindane)

R.T.: 4.306 min  
Delta R.T.: -0.005 min  
Response: 238986492  
Conc: 54.03 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

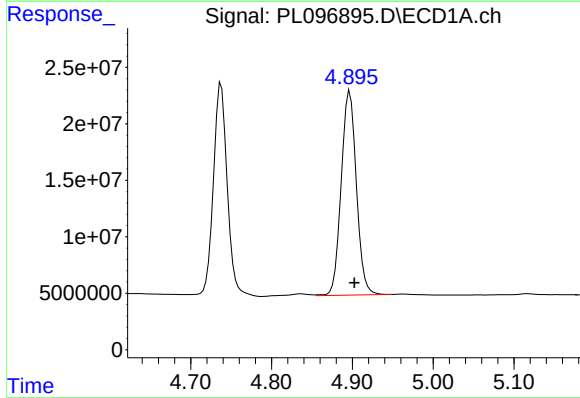
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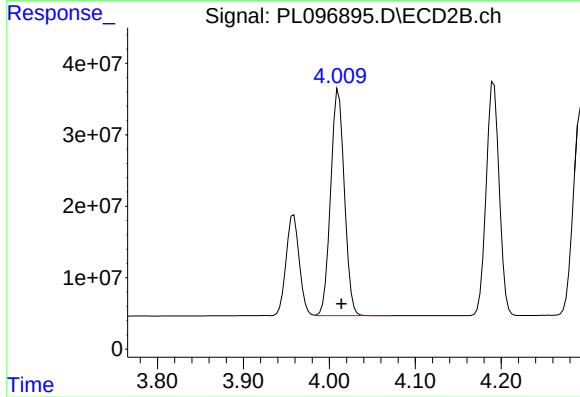
#3 gamma-BHC (Lindane)

R.T.: 3.663 min  
Delta R.T.: -0.002 min  
Response: 353488768  
Conc: 53.53 ng/ml



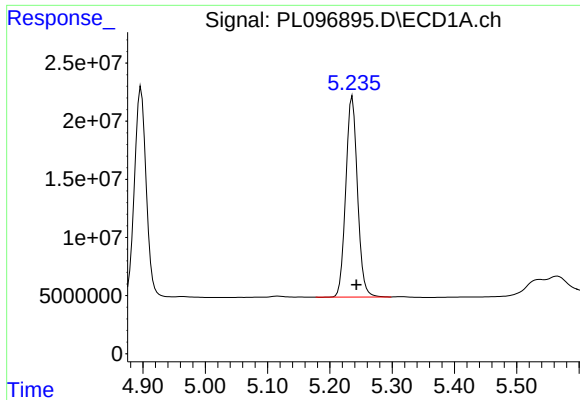
#4 Heptachlor

R.T.: 4.897 min  
Delta R.T.: -0.006 min  
Response: 235578505  
Conc: 56.69 ng/ml



#4 Heptachlor

R.T.: 4.011 min  
Delta R.T.: -0.003 min  
Response: 349587085  
Conc: 52.48 ng/ml



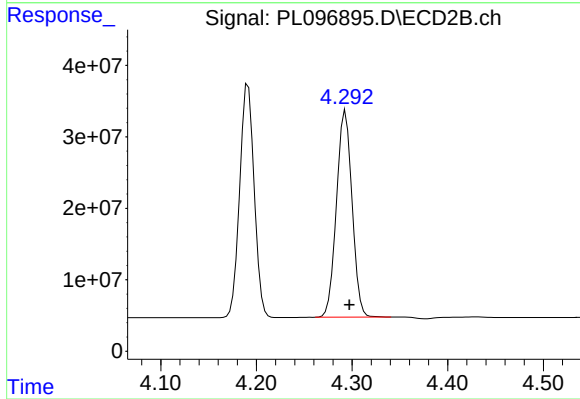
#5 Aldrin

R.T.: 5.236 min  
Delta R.T.: -0.007 min  
Response: 227019201  
Conc: 52.78 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

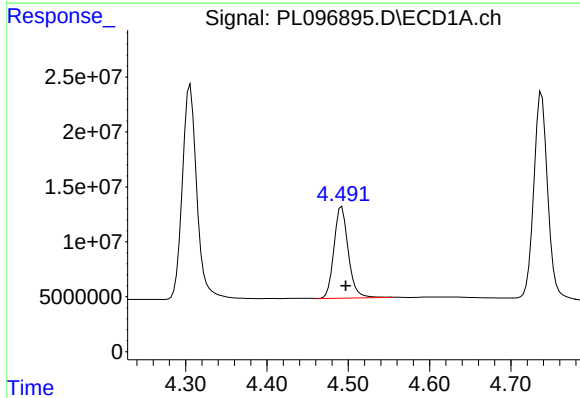
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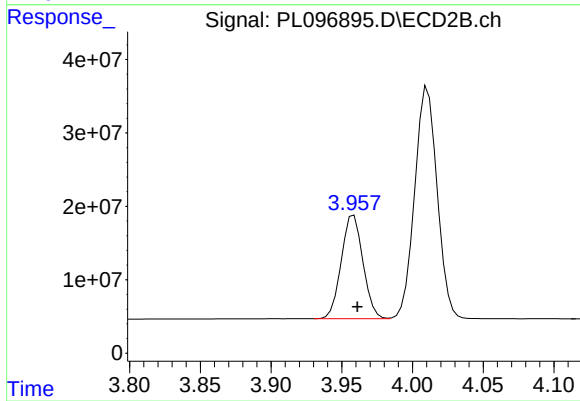
#5 Aldrin

R.T.: 4.293 min  
Delta R.T.: -0.004 min  
Response: 327407727  
Conc: 52.75 ng/ml



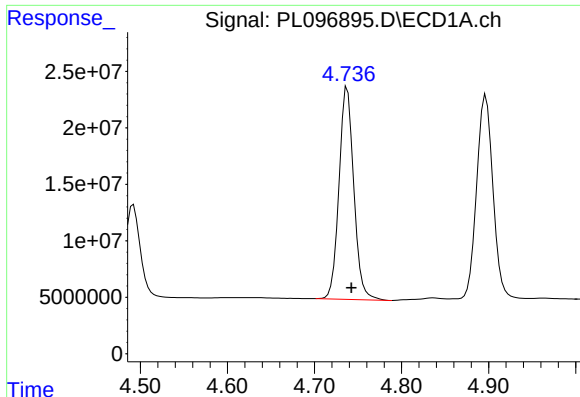
#6 beta-BHC

R.T.: 4.491 min  
Delta R.T.: -0.006 min  
Response: 102238315  
Conc: 56.64 ng/ml m



#6 beta-BHC

R.T.: 3.959 min  
Delta R.T.: -0.002 min  
Response: 150429846  
Conc: 53.33 ng/ml



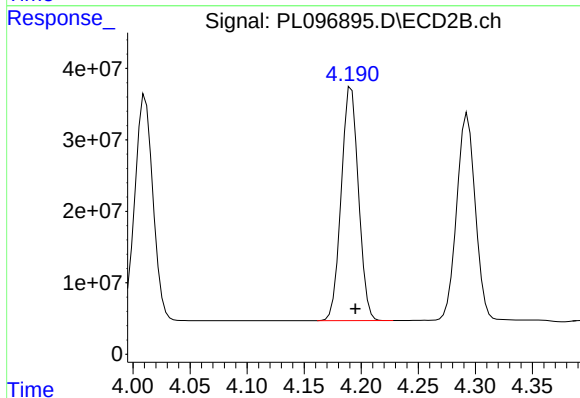
#7 delta-BHC

R.T.: 4.738 min  
Delta R.T.: -0.005 min  
Response: 222290465  
Conc: 55.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

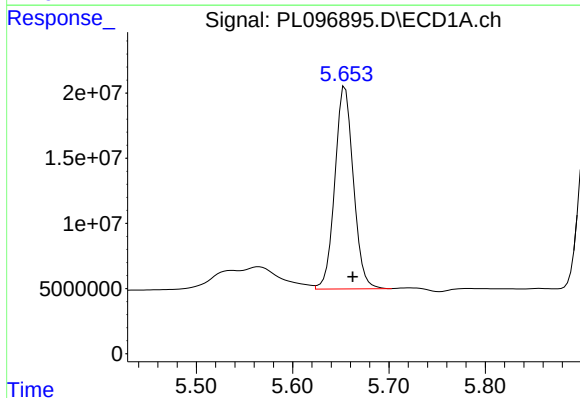
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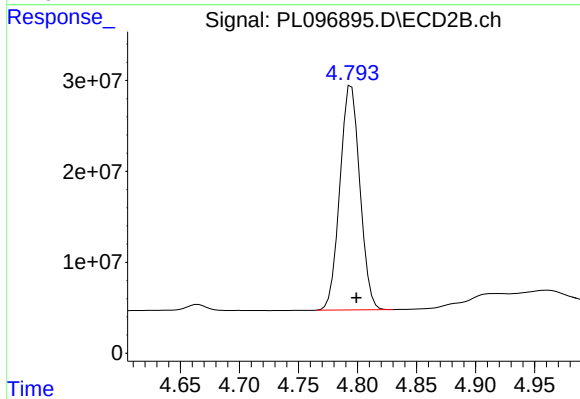
#7 delta-BHC

R.T.: 4.191 min  
Delta R.T.: -0.004 min  
Response: 344229392  
Conc: 53.17 ng/ml



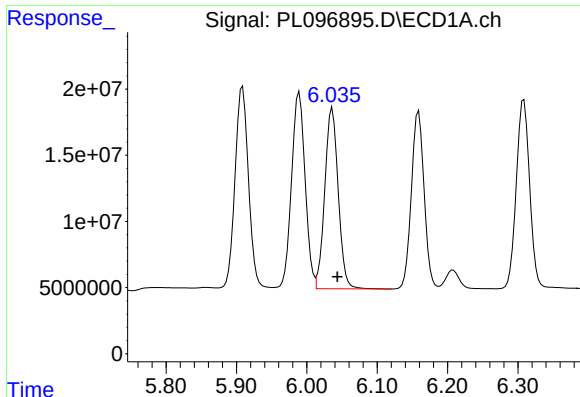
#8 Heptachlor epoxide

R.T.: 5.654 min  
Delta R.T.: -0.008 min  
Response: 207910728  
Conc: 53.91 ng/ml



#8 Heptachlor epoxide

R.T.: 4.795 min  
Delta R.T.: -0.004 min  
Response: 290577483  
Conc: 50.88 ng/ml



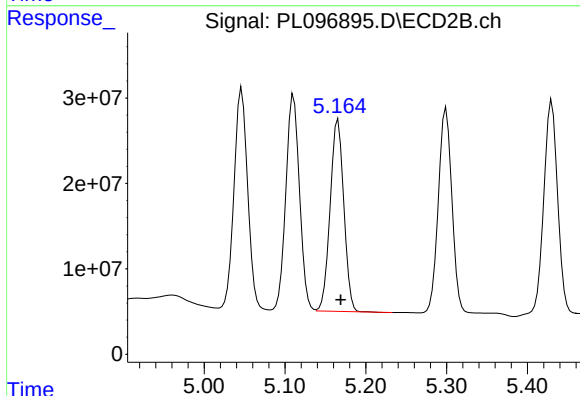
#9 Endosulfan I

R.T.: 6.036 min  
Delta R.T.: -0.007 min  
Response: 181671756  
Conc: 50.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

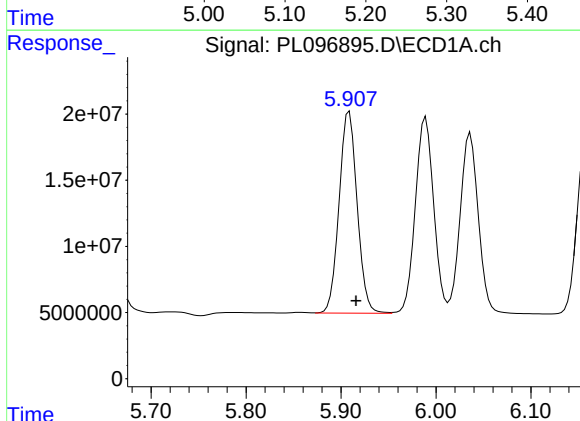
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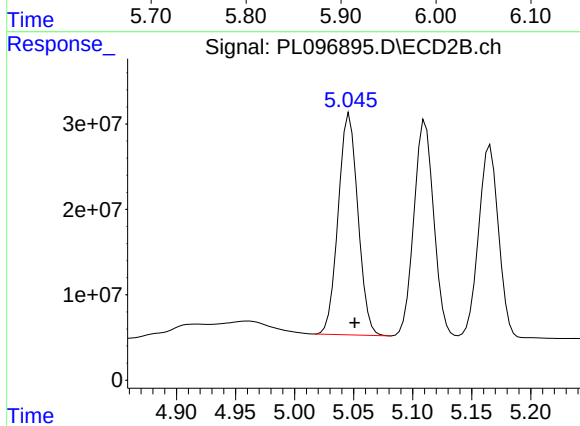
#9 Endosulfan I

R.T.: 5.166 min  
Delta R.T.: -0.003 min  
Response: 264144465  
Conc: 47.75 ng/ml



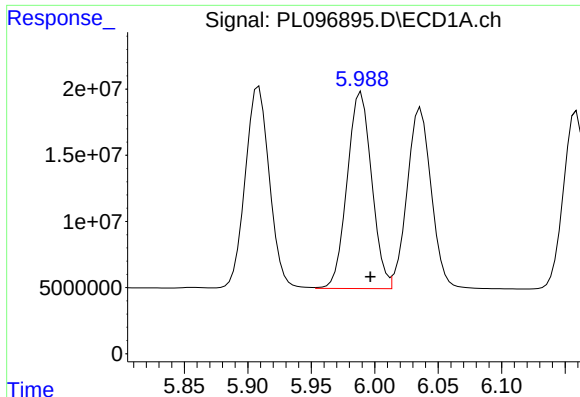
#10 gamma-Chlordane

R.T.: 5.909 min  
Delta R.T.: -0.007 min  
Response: 202067468  
Conc: 53.10 ng/ml



#10 gamma-Chlordane

R.T.: 5.047 min  
Delta R.T.: -0.004 min  
Response: 301620074  
Conc: 51.29 ng/ml



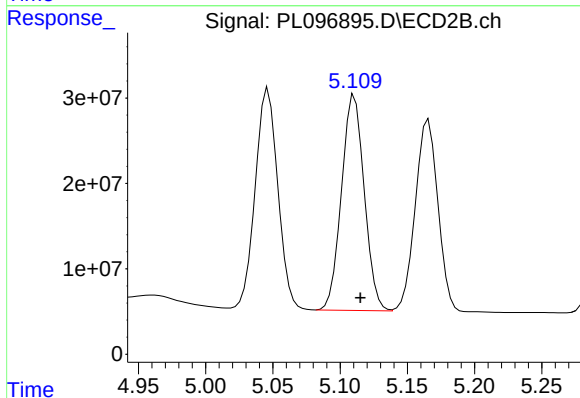
#11 alpha-Chlordane

R.T.: 5.989 min  
Delta R.T.: -0.007 min  
Response: 199357818  
Conc: 51.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

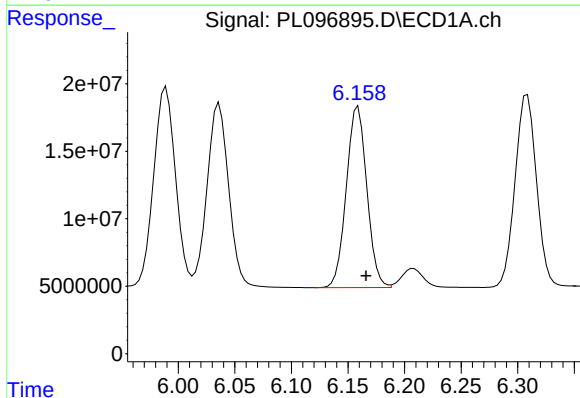
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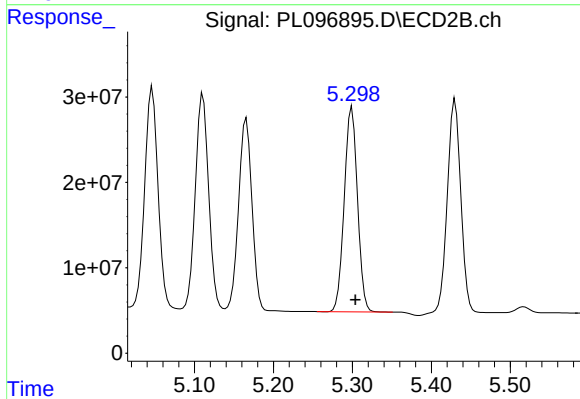
#11 alpha-Chlordane

R.T.: 5.111 min  
Delta R.T.: -0.004 min  
Response: 296330669  
Conc: 50.23 ng/ml



#12 4,4'-DDE

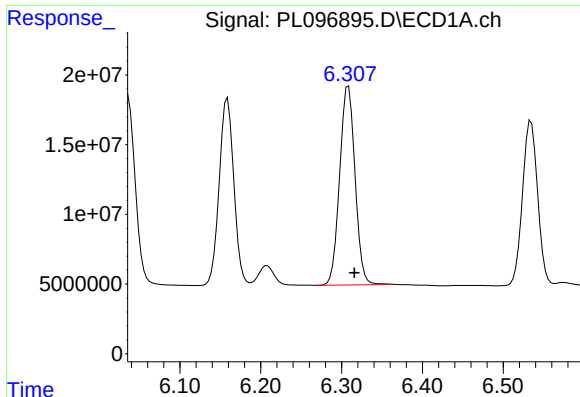
R.T.: 6.159 min  
Delta R.T.: -0.007 min  
Response: 169383678  
Conc: 52.75 ng/ml



#12 4,4'-DDE

R.T.: 5.299 min  
Delta R.T.: -0.005 min  
Response: 279125638  
Conc: 50.62 ng/ml





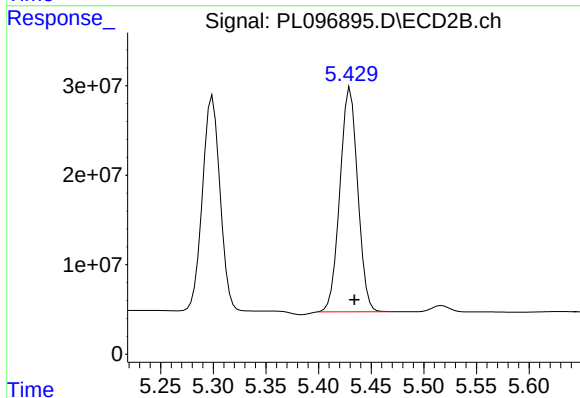
#13 Dieldrin

R.T.: 6.307 min  
Delta R.T.: -0.009 min  
Response: 188785773  
Conc: 50.87 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

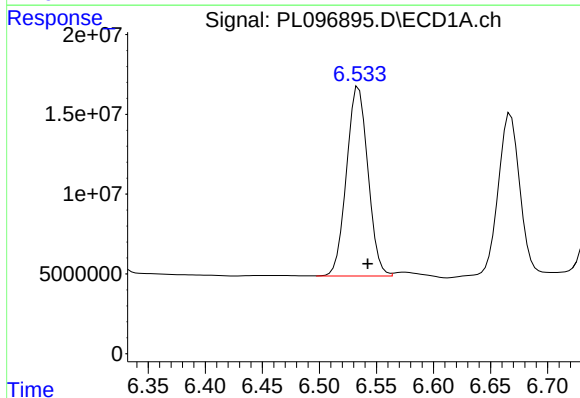
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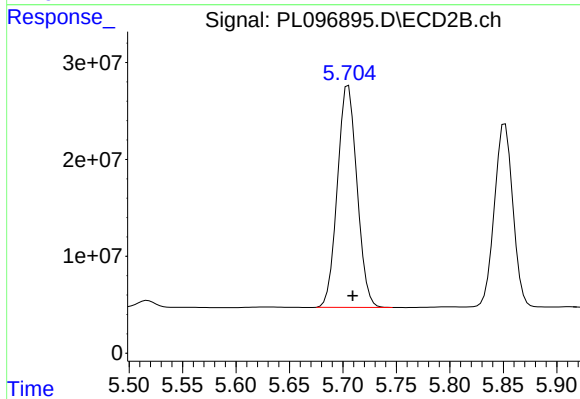
#13 Dieldrin

R.T.: 5.429 min  
Delta R.T.: -0.005 min  
Response: 295900782  
Conc: 50.10 ng/ml m



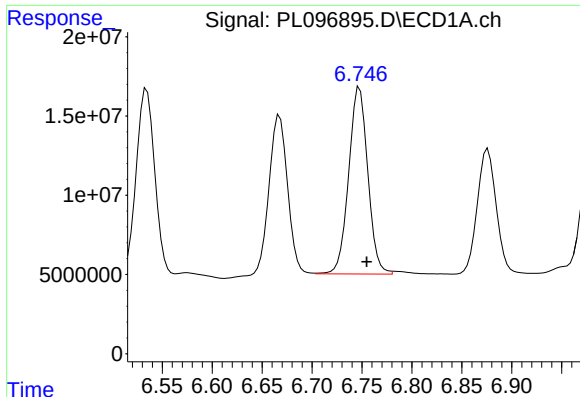
#14 Endrin

R.T.: 6.533 min  
Delta R.T.: -0.009 min  
Response: 154831281  
Conc: 51.15 ng/ml m



#14 Endrin

R.T.: 5.705 min  
Delta R.T.: -0.004 min  
Response: 292405513  
Conc: 54.09 ng/ml



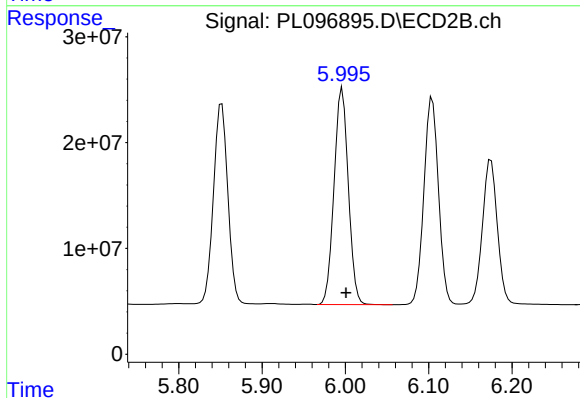
#15 Endosulfan II

R.T.: 6.746 min  
Delta R.T.: -0.009 min  
Response: 157162063  
Conc: 49.07 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

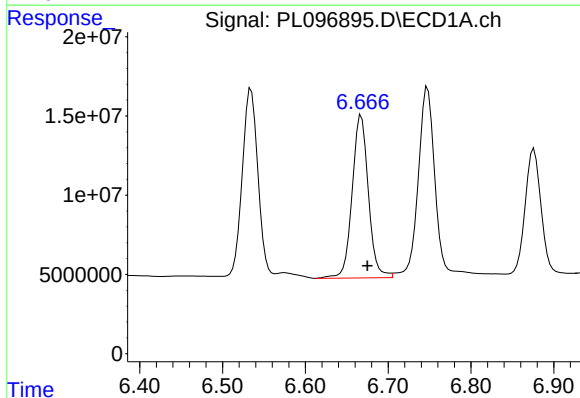
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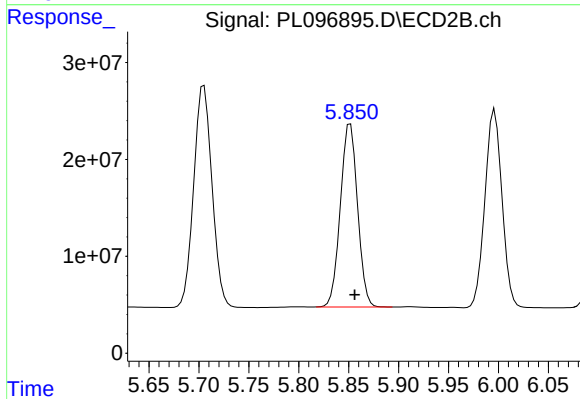
#15 Endosulfan II

R.T.: 5.996 min  
Delta R.T.: -0.005 min  
Response: 243816346  
Conc: 47.47 ng/ml



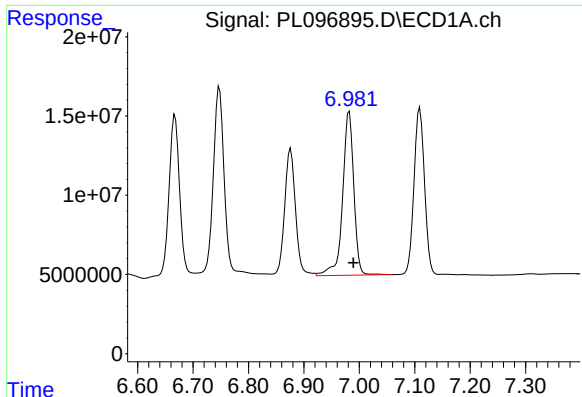
#16 4,4'-DDD

R.T.: 6.667 min  
Delta R.T.: -0.007 min  
Response: 139662064  
Conc: 55.24 ng/ml



#16 4,4'-DDD

R.T.: 5.852 min  
Delta R.T.: -0.004 min  
Response: 226463624  
Conc: 48.13 ng/ml



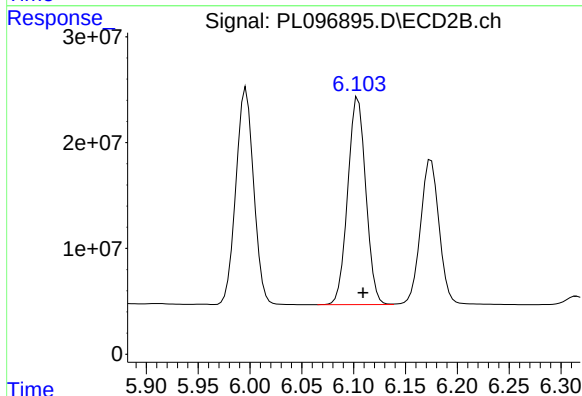
#17 4,4'-DDT

R.T.: 6.982 min  
Delta R.T.: -0.007 min  
Response: 145297902  
Conc: 50.67 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

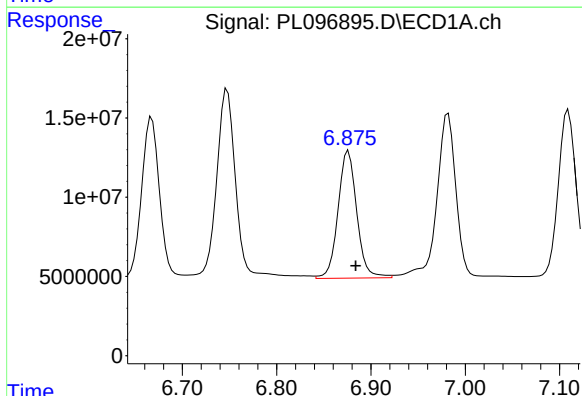
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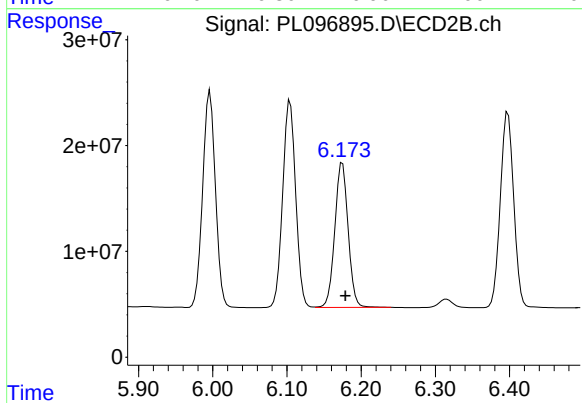
#17 4,4'-DDT

R.T.: 6.104 min  
Delta R.T.: -0.005 min  
Response: 237908619  
Conc: 47.03 ng/ml



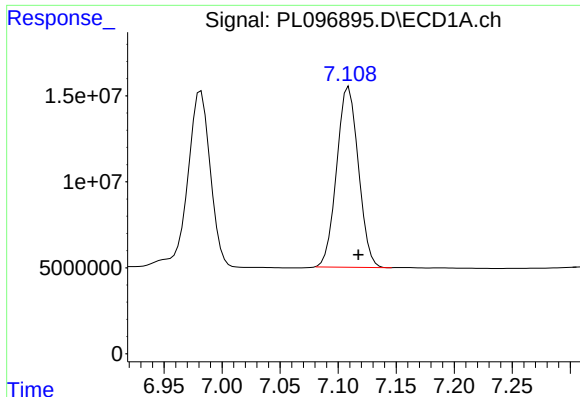
#18 Endrin aldehyde

R.T.: 6.876 min  
Delta R.T.: -0.008 min  
Response: 111101669  
Conc: 51.77 ng/ml



#18 Endrin aldehyde

R.T.: 6.175 min  
Delta R.T.: -0.004 min  
Response: 171006400  
Conc: 47.04 ng/ml



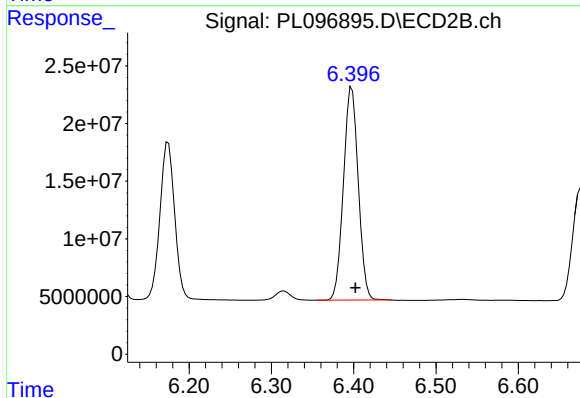
#19 Endosulfan Sulfate

R.T.: 7.109 min  
Delta R.T.: -0.008 min  
Response: 136737595  
Conc: 47.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

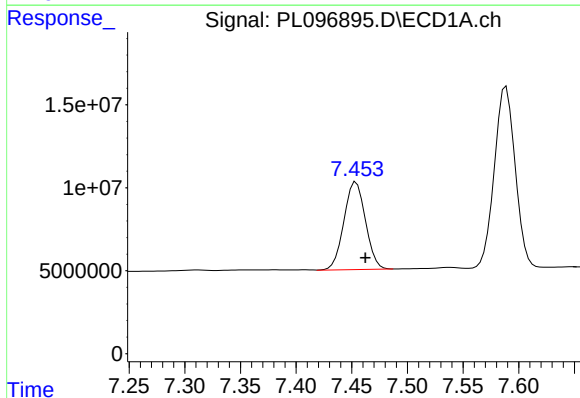
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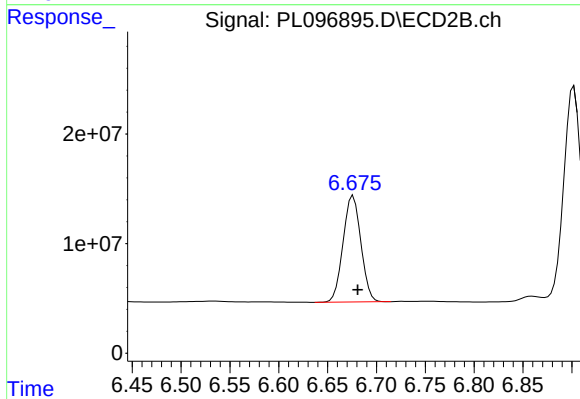
#19 Endosulfan Sulfate

R.T.: 6.398 min  
Delta R.T.: -0.004 min  
Response: 231295806  
Conc: 45.48 ng/ml



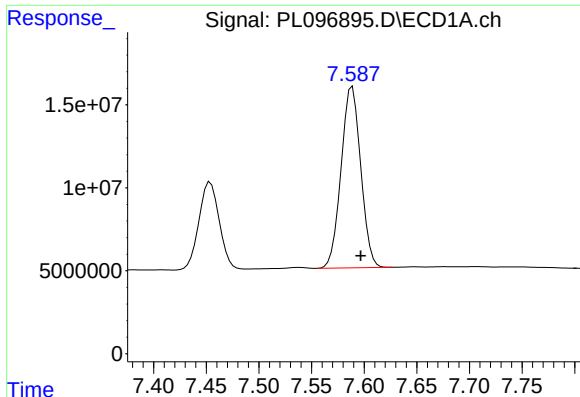
#20 Methoxychlor

R.T.: 7.452 min  
Delta R.T.: -0.010 min  
Response: 71029000  
Conc: 48.37 ng/ml m



#20 Methoxychlor

R.T.: 6.675 min  
Delta R.T.: -0.006 min  
Response: 123034288  
Conc: 44.89 ng/ml m



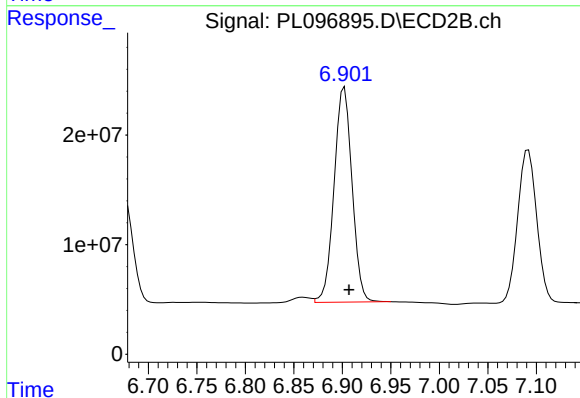
#21 Endrin ketone

R.T.: 7.589 min  
Delta R.T.: -0.008 min  
Response: 142254625  
Conc: 47.31 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PSTDCCC050

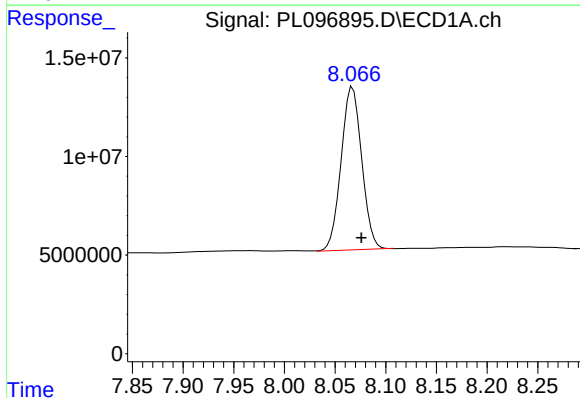
Manual Integrations  
APPROVED

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



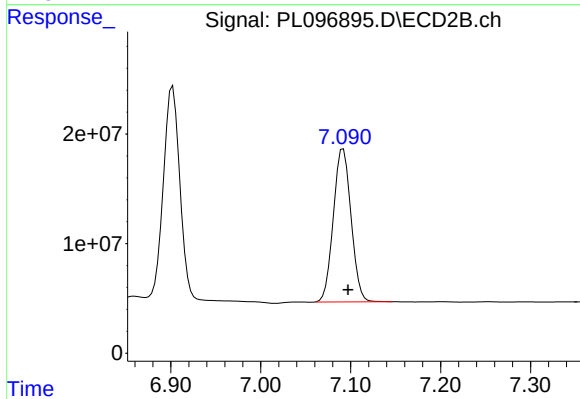
#21 Endrin ketone

R.T.: 6.902 min  
Delta R.T.: -0.005 min  
Response: 252468589  
Conc: 45.33 ng/ml



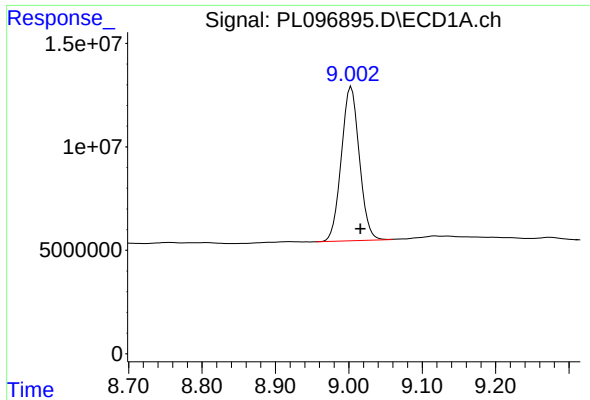
#22 Mirex

R.T.: 8.066 min  
Delta R.T.: -0.010 min  
Response: 116589262  
Conc: 47.02 ng/ml m



#22 Mirex

R.T.: 7.092 min  
Delta R.T.: -0.005 min  
Response: 191414963  
Conc: 43.89 ng/ml



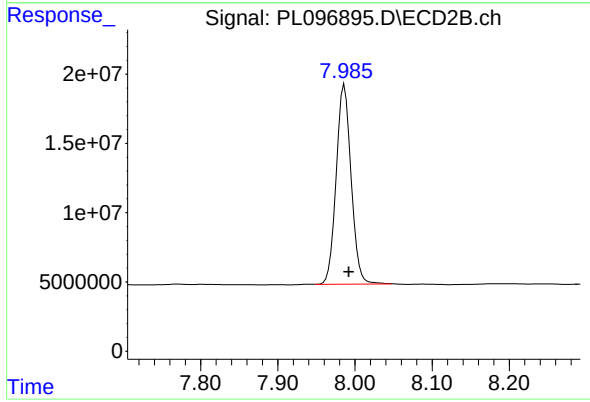
#28 Decachlorobiphenyl

R.T.: 9.002 min  
Delta R.T.: -0.014 min  
Response: 126904413  
Conc: 53.22 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.: 7.985 min  
Delta R.T.: -0.007 min  
Response: 194287510  
Conc: 44.78 ng/ml m