

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL050825\  
 Data File : PL095597.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 May 2025 17:45  
 Operator : AR\AJ  
 Sample : Q1964-01MSD  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 MH-LLMSD

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 05/09/2025  
 Supervised By : mohammad ahmed 05/12/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 09 02:07:22 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042325.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Apr 23 16:23:18 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...          | 3.593 | 2.911 | 45070436 | 55849748 | 13.805  | 17.564 # |
| 28) SA Decachlor...         | 9.116 | 8.089 | 25950134 | 34106238 | 9.366   | 11.525   |
| Target Compounds            |       |       |          |          |         |          |
| 2) A alpha-BHC              | 4.043 | 3.419 | 240.5E6  | 307.8E6  | 48.547m | 69.197m# |
| 3) MA gamma-BHC...          | 4.375 | 3.754 | 235.5E6  | 290.0E6  | 49.742  | 65.936 # |
| 4) MA Heptachlor            | 4.973 | 4.108 | 237.0E6  | 273.2E6  | 51.805  | 62.717   |
| 5) MB Aldrin                | 5.315 | 4.393 | 241.3E6  | 268.9E6  | 52.526  | 65.330   |
| 6) B beta-BHC               | 4.561 | 4.048 | 102.5E6  | 129.3E6  | 49.594  | 62.266 # |
| 7) B delta-BHC              | 4.808 | 4.284 | 233.7E6  | 292.8E6  | 50.258m | 66.819 # |
| 8) B Heptachlo...           | 5.735 | 4.896 | 215.4E6  | 248.8E6  | 53.781  | 64.406   |
| 9) A Endosulfan I           | 6.119 | 5.269 | 205.5E6  | 237.3E6  | 54.121  | 64.816   |
| 10) B gamma-Chl...          | 5.990 | 5.149 | 222.9E6  | 256.7E6  | 54.633  | 63.351   |
| 11) B alpha-Chl...          | 6.071 | 5.213 | 219.0E6  | 251.5E6  | 53.854  | 63.171   |
| 12) B 4,4'-DDE              | 6.240 | 5.399 | 216.1E6  | 254.2E6  | 55.114  | 62.512   |
| 13) MA Dieldrin             | 6.390 | 5.534 | 205.1E6  | 263.6E6  | 53.218m | 64.810   |
| 14) MA Endrin               | 6.619 | 5.809 | 173.0E6  | 236.5E6  | 54.316  | 64.956   |
| 15) B Endosulfa...          | 6.831 | 6.100 | 172.5E6  | 229.8E6  | 54.046  | 63.995   |
| 16) A 4,4'-DDD              | 6.749 | 5.951 | 158.2E6  | 211.9E6  | 55.869  | 64.864   |
| 17) MA 4,4'-DDT             | 7.063 | 6.205 | 147.3E6  | 215.0E6  | 51.703  | 62.569   |
| 18) B Endrin al...          | 6.960 | 6.277 | 122.2E6  | 164.4E6  | 52.635  | 62.902   |
| 19) B Endosulfa...          | 7.193 | 6.499 | 149.6E6  | 204.8E6  | 53.382  | 61.713m  |
| 20) A Methoxychlor          | 7.535 | 6.775 | 69097138 | 114.1E6  | 49.527  | 59.809   |
| 21) B Endrin ke...          | 7.675 | 7.007 | 149.4E6  | 236.0E6  | 52.388  | 67.033 # |
| 22) Mirex                   | 8.156 | 7.201 | 122.4E6  | 173.0E6  | 51.502  | 60.020m  |

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

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