

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101025\  
 Data File : PL097603.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Oct 2025 14:38  
 Operator : AR\AJ  
 Sample : Q3310-01MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 SS-01-0-1MSD

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 10/13/2025  
 Supervised By : mohammad ahmed 10/16/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 11 07:19:24 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL100725.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 07 16:47:00 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... | 3.524 | 2.823 | 55132180 | 74708942 | 13.524m | 12.275   |
| 2)                          | SA Decachlor... | 8.994 | 7.978 | 31255707 | 39659800 | 10.511  | 7.643 #  |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.970 | 3.328 | 283.2E6  | 361.1E6  | 41.986m | 36.599   |
| 3)                          | MA gamma-BHC... | 4.298 | 3.659 | 268.0E6  | 357.5E6  | 42.156m | 38.918   |
| 4)                          | MA Heptachlor   | 4.888 | 4.006 | 259.5E6  | 319.0E6  | 40.234m | 34.698   |
| 5)                          | MB Aldrin       | 5.228 | 4.288 | 250.9E6  | 323.4E6  | 41.727  | 37.289   |
| 6)                          | B beta-BHC      | 4.488 | 3.955 | 98801206 | 128.5E6  | 38.214  | 32.305   |
| 7)                          | B delta-BHC     | 4.732 | 4.187 | 265.3E6  | 326.0E6  | 43.684  | 36.087   |
| 8)                          | B Heptachlo...  | 5.647 | 4.789 | 245.0E6  | 272.2E6  | 42.081  | 34.470   |
| 9)                          | A Endosulfan I  | 6.027 | 5.160 | 219.4E6  | 245.7E6  | 44.128m | 33.323   |
| 10)                         | B gamma-Chl...  | 5.901 | 5.041 | 264.1E6  | 373.3E6  | 48.660  | 42.936   |
| 11)                         | B alpha-Chl...  | 5.981 | 5.105 | 258.5E6  | 305.3E6  | 47.641  | 36.668   |
| 12)                         | B 4,4'-DDE      | 6.152 | 5.293 | 194.9E6  | 253.3E6  | 41.843  | 33.368   |
| 13)                         | MA Dieldrin     | 6.301 | 5.424 | 284.4E6  | 323.0E6  | 54.066  | 39.065 # |
| 14)                         | MA Endrin       | 6.527 | 5.698 | 183.8E6  | 231.5E6  | 41.074  | 31.280   |
| 15)                         | B Endosulfa...  | 6.740 | 5.990 | 175.7E6  | 228.7E6  | 35.912  | 33.117   |
| 16)                         | A 4,4'-DDD      | 6.661 | 5.845 | 188.0E6  | 204.8E6  | 49.833  | 32.110 # |
| 17)                         | MA 4,4'-DDT     | 6.974 | 6.097 | 192.2E6  | 246.6E6  | 47.400  | 37.008   |
| 18)                         | B Endrin al...  | 6.869 | 6.168 | 133.6E6  | 178.2E6  | 40.760  | 30.954   |
| 19)                         | B Endosulfa...  | 7.101 | 6.392 | 195.0E6  | 295.3E6  | 48.622m | 44.350   |
| 20)                         | A Methoxychlor  | 7.449 | 6.668 | 111.5E6  | 136.5E6  | 53.368  | 37.459m# |
| 21)                         | B Endrin ke...  | 7.581 | 6.896 | 201.5E6  | 209.2E6  | 47.051  | 26.478 # |
| 22)                         | Mirex           | 8.059 | 7.085 | 125.9E6  | 146.1E6  | 40.520  | 27.314 # |
| -----                       |                 |       |       |          |          |         |          |

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

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