

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL101325\  
 Data File : PL097620.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 13 Oct 2025 14:33  
 Operator : AR\AJ  
 Sample : Q3326-01MSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-1MSD

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 10/14/2025  
 Supervised By :mohammad ahmed 10/15/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 14 02:23:54 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 | 2.824 | 64713255 | 97152626 | 15.874m | 15.962 |
| 28)                         | SA Decachlor... | 8.996 | 7.981 | 48833950 | 73615889 | 16.422  | 14.187 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.972 | 3.328 | 332.2E6  | 481.0E6  | 49.241  | 48.750 |
| 3)                          | MA gamma-BHC... | 4.300 | 3.660 | 311.4E6  | 443.7E6  | 48.993  | 48.298 |
| 4)                          | MA Heptachlor   | 4.890 | 4.007 | 308.1E6  | 414.9E6  | 47.757  | 45.138 |
| 5)                          | MB Aldrin       | 5.229 | 4.289 | 293.6E6  | 417.0E6  | 48.826  | 48.089 |
| 6)                          | B beta-BHC      | 4.487 | 3.956 | 129.8E6  | 183.4E6  | 50.202  | 46.096 |
| 7)                          | B delta-BHC     | 4.733 | 4.188 | 307.5E6  | 433.4E6  | 50.636  | 47.973 |
| 8)                          | B Heptachlo...  | 5.648 | 4.791 | 275.1E6  | 370.9E6  | 47.252  | 46.966 |
| 9)                          | A Endosulfan I  | 6.030 | 5.161 | 241.5E6  | 344.3E6  | 48.585  | 46.683 |
| 10)                         | B gamma-Chl...  | 5.902 | 5.043 | 265.2E6  | 401.6E6  | 48.857  | 46.201 |
| 11)                         | B alpha-Chl...  | 5.982 | 5.107 | 263.9E6  | 387.1E6  | 48.632  | 46.486 |
| 12)                         | B 4,4'-DDE      | 6.153 | 5.295 | 235.8E6  | 357.5E6  | 50.639  | 47.088 |
| 13)                         | MA Dieldrin     | 6.302 | 5.426 | 263.1E6  | 395.4E6  | 50.015  | 47.824 |
| 14)                         | MA Endrin       | 6.529 | 5.700 | 207.7E6  | 318.2E6  | 46.417  | 42.995 |
| 15)                         | B Endosulfa...  | 6.742 | 5.992 | 229.0E6  | 329.1E6  | 46.801  | 47.662 |
| 16)                         | A 4,4'-DDD      | 6.662 | 5.848 | 212.2E6  | 303.5E6  | 56.234  | 47.572 |
| 17)                         | MA 4,4'-DDT     | 6.976 | 6.100 | 178.5E6  | 264.8E6  | 44.032  | 39.741 |
| 18)                         | B Endrin al...  | 6.870 | 6.171 | 159.2E6  | 240.5E6  | 48.597m | 41.766 |
| 19)                         | B Endosulfa...  | 7.104 | 6.394 | 192.6E6  | 294.7E6  | 48.035  | 44.260 |
| 20)                         | A Methoxychlor  | 7.449 | 6.671 | 87431249 | 140.3E6  | 41.853  | 38.490 |
| 21)                         | B Endrin ke...  | 7.584 | 6.898 | 212.3E6  | 337.4E6  | 49.593  | 42.704 |
| 22)                         | Mirex           | 8.062 | 7.087 | 137.8E6  | 221.5E6  | 44.335  | 41.397 |
| -----                       |                 |       |       |          |          |         |        |

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

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