

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101425\  
 Data File : PD090589.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Oct 2025 17:51  
 Operator : AR\AJ  
 Sample : Q3321-02MS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 P001-DS-01MS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 10/15/2025  
 Supervised By :mohammad ahmed 10/16/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 15 07:40:49 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD091825.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 19 05:52:38 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 x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|--------|
| -----                       |                 |       |       |          |          |         |        |
| System Monitoring Compounds |                 |       |       |          |          |         |        |
| 1)                          | SA Tetrachlo... | 3.545 | 2.875 | 61988067 | 575.5E6  | 19.071  | 20.964 |
| 28)                         | SA Decachlor... | 9.064 | 8.061 | 99419320 | 631.8E6  | 20.605  | 19.492 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.995 | 3.387 | 346.3E6  | 2199.3E6 | 49.584  | 50.232 |
| 3)                          | MA gamma-BHC... | 4.325 | 3.723 | 332.2E6  | 2033.3E6 | 50.204  | 49.914 |
| 4)                          | MA Heptachlor   | 4.923 | 4.075 | 268.2E6  | 1822.4E6 | 40.564  | 44.758 |
| 5)                          | MB Aldrin       | 5.265 | 4.361 | 307.1E6  | 1994.9E6 | 48.356  | 49.954 |
| 6)                          | B beta-BHC      | 4.512 | 4.019 | 121.5E6  | 861.6E6  | 47.088  | 49.700 |
| 7)                          | B delta-BHC     | 4.759 | 4.255 | 336.5E6  | 2064.3E6 | 52.103m | 49.988 |
| 8)                          | B Heptachlo...  | 5.685 | 4.864 | 273.3E6  | 1842.3E6 | 47.820  | 49.975 |
| 9)                          | A Endosulfan I  | 6.068 | 5.238 | 248.5E6  | 1723.6E6 | 46.009  | 49.806 |
| 10)                         | B gamma-Chl...  | 5.940 | 5.117 | 270.3E6  | 1955.3E6 | 47.323  | 49.770 |
| 11)                         | B alpha-Chl...  | 6.020 | 5.181 | 285.5E6  | 1871.1E6 | 49.561m | 49.677 |
| 12)                         | B 4,4'-DDE      | 6.190 | 5.366 | 250.1E6  | 1904.9E6 | 48.032  | 49.764 |
| 13)                         | MA Dieldrin     | 6.341 | 5.503 | 275.9E6  | 1924.4E6 | 47.854  | 49.413 |
| 14)                         | MA Endrin       | 6.568 | 5.780 | 235.0E6  | 1756.9E6 | 48.010  | 49.030 |
| 15)                         | B Endosulfa...  | 6.781 | 6.072 | 234.3E6  | 1652.7E6 | 48.041  | 48.968 |
| 16)                         | A 4,4'-DDD      | 6.700 | 5.920 | 192.2E6  | 1583.9E6 | 46.906  | 48.844 |
| 17)                         | MA 4,4'-DDT     | 7.016 | 6.174 | 191.1E6  | 1462.9E6 | 42.922  | 42.553 |
| 18)                         | B Endrin al...  | 6.910 | 6.250 | 172.3E6  | 1227.5E6 | 50.218  | 52.129 |
| 19)                         | B Endosulfa...  | 7.144 | 6.474 | 211.8E6  | 1571.4E6 | 46.040  | 48.068 |
| 20)                         | A Methoxychlor  | 7.489 | 6.745 | 94134687 | 706.0E6  | 39.947  | 40.576 |
| 21)                         | B Endrin ke...  | 7.625 | 6.983 | 224.4E6  | 1653.2E6 | 45.361  | 45.792 |
| 22)                         | Mirex           | 8.107 | 7.175 | 143.6E6  | 1088.3E6 | 38.748  | 39.423 |
| -----                       |                 |       |       |          |          |         |        |

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

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