

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD061125\  
 Data File : PD088908.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 11 Jun 2025 10:03  
 Operator : AR\AJ  
 Sample : PB168350BS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

**Instrument :**

ECD\_D

**ClientSampleId :**

PB168350BS

**Manual Integrations****APPROVED**

Reviewed By :Abdul Mirza 06/12/2025

Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 12 07:38:42 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD051925.M  
 Quant Title : GC Extractables  
 QLast Update : Mon May 19 15:27:28 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... | 3.572  | 2.879 | 46402619 | 305.5E6  | 21.445  | 20.193 |
| 2)                          | SA Decachlor... | 9.095  | 8.072 | 76334216 | 387.6E6  | 22.305  | 21.231 |
| Target Compounds            |                 |        |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 4.021f | 3.392 | 254.1E6  | 1160.8E6 | 53.191  | 48.561 |
| 3)                          | MA gamma-BHC... | 4.352f | 3.729 | 242.2E6  | 1073.5E6 | 52.623  | 48.432 |
| 4)                          | MA Heptachlor   | 4.952f | 4.082 | 231.2E6  | 1052.8E6 | 51.714  | 46.887 |
| 5)                          | MB Aldrin       | 5.294f | 4.368 | 231.3E6  | 1089.7E6 | 52.636  | 49.688 |
| 6)                          | B beta-BHC      | 4.538f | 4.025 | 92652123 | 467.0E6  | 51.383  | 47.935 |
| 7)                          | B delta-BHC     | 4.785f | 4.261 | 241.8E6  | 1094.0E6 | 57.213m | 49.073 |
| 8)                          | B Heptachlo...  | 5.713f | 4.872 | 210.4E6  | 968.5E6  | 53.017  | 48.739 |
| 9)                          | A Endosulfan I  | 6.096f | 5.246 | 198.7E6  | 894.6E6  | 52.817  | 47.136 |
| 10)                         | B gamma-Chl...  | 5.968f | 5.125 | 209.9E6  | 1054.3E6 | 52.622  | 49.425 |
| 11)                         | B alpha-Chl...  | 6.049f | 5.190 | 212.0E6  | 1009.1E6 | 52.921  | 48.928 |
| 12)                         | B 4,4'-DDE      | 6.218f | 5.374 | 191.1E6  | 1056.1E6 | 53.248  | 50.526 |
| 13)                         | MA Dieldrin     | 6.370f | 5.512 | 212.0E6  | 1032.8E6 | 52.856  | 49.080 |
| 14)                         | MA Endrin       | 6.597f | 5.788 | 173.8E6  | 924.1E6  | 50.878  | 47.921 |
| 15)                         | B Endosulfa...  | 6.807f | 6.079 | 180.9E6  | 899.0E6  | 52.521m | 49.065 |
| 16)                         | A 4,4'-DDD      | 6.728f | 5.928 | 158.6E6  | 876.9E6  | 56.942  | 50.421 |
| 17)                         | MA 4,4'-DDT     | 7.044f | 6.182 | 157.6E6  | 849.7E6  | 50.464  | 46.847 |
| 18)                         | B Endrin al...  | 6.937f | 6.258 | 134.3E6  | 674.9E6  | 52.174  | 48.457 |
| 19)                         | B Endosulfa...  | 7.170f | 6.481 | 169.9E6  | 867.7E6  | 53.052m | 48.868 |
| 20)                         | A Methoxychlor  | 7.514f | 6.753 | 81616095 | 444.3E6  | 48.856m | 46.398 |
| 21)                         | B Endrin ke...  | 7.651f | 6.990 | 183.8E6  | 968.8E6  | 53.696m | 50.073 |
| 22)                         | Mirex           | 8.137f | 7.184 | 130.3E6  | 726.1E6  | 50.165  | 47.763 |
| -----                       |                 |        |       |          |          |         |        |

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

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