

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070225\  
 Data File : PD089299.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Jul 2025 22:59  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 30 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 07/02/2025  
 Supervised By :mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 02 01:53:46 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:39:05 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... | 3.550 | 2.881 | 146.8E6  | 889.0E6  | 51.446 | 52.441  |
| 28)                         | SA Decachlor... | 9.073 | 8.071 | 177.9E6  | 827.6E6  | 45.290 | 41.860  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 4.000 | 3.393 | 301.3E6  | 1358.8E6 | 51.687 | 50.705  |
| 3)                          | MA gamma-BHC... | 4.330 | 3.729 | 285.5E6  | 1204.4E6 | 51.154 | 48.651  |
| 4)                          | MA Heptachlor   | 4.930 | 4.082 | 261.7E6  | 1183.4E6 | 48.000 | 47.262  |
| 5)                          | MB Aldrin       | 5.271 | 4.368 | 268.2E6  | 1214.1E6 | 50.472 | 50.132  |
| 6)                          | B beta-BHC      | 4.516 | 4.025 | 109.0E6  | 522.5E6  | 49.401 | 48.626  |
| 7)                          | B delta-BHC     | 4.764 | 4.262 | 272.9E6  | 1230.8E6 | 53.164 | 49.482  |
| 8)                          | B Heptachlo...  | 5.690 | 4.872 | 233.9E6  | 1132.8E6 | 48.492 | 51.733  |
| 9)                          | A Endosulfan I  | 6.074 | 5.246 | 220.1E6  | 1018.0E6 | 48.836 | 48.843  |
| 10)                         | B gamma-Chl...  | 5.946 | 5.125 | 238.8E6  | 1181.1E6 | 49.873 | 49.371  |
| 11)                         | B alpha-Chl...  | 6.027 | 5.189 | 236.3E6  | 1117.3E6 | 48.827 | 48.797  |
| 12)                         | B 4,4'-DDE      | 6.196 | 5.375 | 206.2E6  | 1106.5E6 | 47.276 | 48.284  |
| 13)                         | MA Dieldrin     | 6.347 | 5.511 | 233.6E6  | 1124.9E6 | 48.687 | 48.470m |
| 14)                         | MA Endrin       | 6.574 | 5.789 | 184.4E6  | 1057.5E6 | 44.687 | 48.703  |
| 15)                         | B Endosulfa...  | 6.786 | 6.080 | 188.9E6  | 949.8E6  | 46.801 | 47.028  |
| 16)                         | A 4,4'-DDD      | 6.705 | 5.929 | 169.0E6  | 919.8E6  | 49.237 | 48.081  |
| 17)                         | MA 4,4'-DDT     | 7.021 | 6.182 | 152.3E6  | 829.6E6  | 40.212 | 40.907  |
| 18)                         | B Endrin al...  | 6.915 | 6.258 | 138.7E6  | 694.5E6  | 45.270 | 45.358  |
| 19)                         | B Endosulfa...  | 7.150 | 6.481 | 175.9E6  | 887.6E6  | 45.832 | 45.237  |
| 20)                         | A Methoxychlor  | 7.493 | 6.753 | 92501875 | 495.6E6  | 45.779 | 46.027  |
| 21)                         | B Endrin ke...  | 7.630 | 6.990 | 188.1E6  | 977.2E6  | 46.186 | 45.235  |
| 22)                         | Mirex           | 8.114 | 7.184 | 137.0E6  | 721.0E6  | 45.048 | 43.233  |
| -----                       |                 |       |       |          |          |        |         |

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

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