

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090825\  
 Data File : PD090195.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 08 Sep 2025 16:26  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 09/09/2025  
 Supervised By : mohammad ahmed 09/10/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 09 01:42:45 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:16:54 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... | 3.555 | 2.877 | 148.8E6  | 1133.8E6 | 50.694  | 51.417 |
| 28)                         | SA Decachlor... | 9.075 | 8.066 | 198.9E6  | 1051.9E6 | 46.096  | 40.635 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 4.004 | 3.389 | 332.8E6  | 1808.1E6 | 55.449  | 53.275 |
| 3)                          | MA gamma-BHC... | 4.335 | 3.726 | 315.8E6  | 1659.9E6 | 55.151  | 53.251 |
| 4)                          | MA Heptachlor   | 4.933 | 4.078 | 290.7E6  | 1588.5E6 | 51.820  | 50.928 |
| 5)                          | MB Aldrin       | 5.275 | 4.363 | 287.7E6  | 1615.3E6 | 53.132  | 53.037 |
| 6)                          | B beta-BHC      | 4.522 | 4.021 | 119.0E6  | 702.5E6  | 53.032  | 52.702 |
| 7)                          | B delta-BHC     | 4.768 | 4.258 | 307.1E6  | 1676.9E6 | 59.320m | 53.150 |
| 8)                          | B Heptachlo...  | 5.695 | 4.867 | 253.0E6  | 1442.5E6 | 51.559  | 52.087 |
| 9)                          | A Endosulfan I  | 6.078 | 5.242 | 236.8E6  | 1350.1E6 | 51.307  | 51.489 |
| 10)                         | B gamma-Chl...  | 5.950 | 5.120 | 258.5E6  | 1538.9E6 | 52.849  | 51.971 |
| 11)                         | B alpha-Chl...  | 6.031 | 5.184 | 254.8E6  | 1466.5E6 | 51.772  | 51.388 |
| 12)                         | B 4,4'-DDE      | 6.200 | 5.370 | 225.2E6  | 1474.6E6 | 51.311  | 51.161 |
| 13)                         | MA Dieldrin     | 6.351 | 5.507 | 248.4E6  | 1500.7E6 | 50.739  | 51.241 |
| 14)                         | MA Endrin       | 6.578 | 5.784 | 183.9E6  | 1225.3E6 | 44.372  | 46.007 |
| 15)                         | B Endosulfa...  | 6.790 | 6.075 | 206.9E6  | 1255.9E6 | 49.023  | 49.652 |
| 16)                         | A 4,4'-DDD      | 6.709 | 5.924 | 177.3E6  | 1263.5E6 | 51.262  | 52.551 |
| 17)                         | MA 4,4'-DDT     | 7.025 | 6.178 | 161.8E6  | 1120.9E6 | 42.481  | 44.712 |
| 18)                         | B Endrin al...  | 6.919 | 6.253 | 144.9E6  | 879.6E6  | 50.549  | 51.083 |
| 19)                         | B Endosulfa...  | 7.154 | 6.477 | 187.4E6  | 1169.3E6 | 47.822  | 47.961 |
| 20)                         | A Methoxychlor  | 7.497 | 6.748 | 89482759 | 603.7E6  | 44.616  | 46.817 |
| 21)                         | B Endrin ke...  | 7.632 | 6.986 | 200.5E6  | 1266.6E6 | 48.388m | 47.539 |
| 22)                         | Mirex           | 8.116 | 7.179 | 140.1E6  | 893.6E6  | 44.426  | 43.260 |
| -----                       |                 |       |       |          |          |         |        |

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

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ECD\_D

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