

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081625\  
 Data File : PD089914.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Aug 2025 13:53  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PSTDCCC050

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 08/18/2025  
 Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 18 01:50:29 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD073125.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 01 07:03:58 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... | 3.549 | 2.879 | 111.2E6  | 860.9E6  | 45.097 | 54.354   |
| 28)                         | SA Decachlor... | 9.069 | 8.067 | 154.2E6  | 971.2E6  | 41.490 | 48.373   |
| Target Compounds            |                 |       |       |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.998 | 3.389 | 229.2E6  | 1335.0E6 | 46.276 | 54.929m  |
| 3)                          | MA gamma-BHC... | 4.329 | 3.727 | 219.4E6  | 1237.6E6 | 46.176 | 54.947   |
| 4)                          | MA Heptachlor   | 4.927 | 4.080 | 209.4E6  | 1216.5E6 | 43.522 | 52.416   |
| 5)                          | MB Aldrin       | 5.269 | 4.365 | 205.8E6  | 1218.6E6 | 45.082 | 54.766   |
| 6)                          | B beta-BHC      | 4.515 | 4.023 | 84564517 | 524.7E6  | 45.842 | 54.380   |
| 7)                          | B delta-BHC     | 4.763 | 4.259 | 208.7E6  | 1248.0E6 | 45.497 | 54.940   |
| 8)                          | B Heptachlo...  | 5.689 | 4.869 | 184.7E6  | 1104.1E6 | 44.170 | 53.726   |
| 9)                          | A Endosulfan I  | 6.072 | 5.243 | 172.4E6  | 988.2E6  | 43.491 | 50.551   |
| 10)                         | B gamma-Chl...  | 5.944 | 5.122 | 183.5E6  | 1184.5E6 | 43.910 | 54.703   |
| 11)                         | B alpha-Chl...  | 6.024 | 5.186 | 183.8E6  | 1130.7E6 | 43.721 | 54.301   |
| 12)                         | B 4,4'-DDE      | 6.194 | 5.371 | 160.1E6  | 1142.9E6 | 42.914 | 54.073 # |
| 13)                         | MA Dieldrin     | 6.345 | 5.509 | 182.8E6  | 1172.5E6 | 43.281 | 54.185 # |
| 14)                         | MA Endrin       | 6.572 | 5.786 | 150.9E6  | 1141.9E6 | 42.178 | 57.311 # |
| 15)                         | B Endosulfa...  | 6.784 | 6.077 | 156.6E6  | 995.8E6  | 42.688 | 52.968   |
| 16)                         | A 4,4'-DDD      | 6.703 | 5.925 | 134.6E6  | 948.5E6  | 44.953 | 53.793   |
| 17)                         | MA 4,4'-DDT     | 7.019 | 6.179 | 136.9E6  | 965.9E6  | 40.727 | 52.571 # |
| 18)                         | B Endrin al...  | 6.913 | 6.255 | 110.5E6  | 706.7E6  | 44.281 | 54.699   |
| 19)                         | B Endosulfa...  | 7.148 | 6.479 | 143.4E6  | 953.3E6  | 41.313 | 51.347   |
| 20)                         | A Methoxychlor  | 7.491 | 6.750 | 74289117 | 518.6E6  | 41.549 | 52.947 # |
| 21)                         | B Endrin ke...  | 7.628 | 6.987 | 154.3E6  | 1026.7E6 | 41.546 | 51.161   |
| 22)                         | Mirex           | 8.111 | 7.181 | 113.9E6  | 785.7E6  | 40.854 | 51.617 # |
| -----                       |                 |       |       |          |          |        |          |

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

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## Instrument :

ECD\_D

## ClientSampleId :

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## APPROVED

Reviewed By :Abdul Mirza 08/18/2025

Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Aug 18 01:50:29 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD073125.M  
Quant Title : GC Extractables  
QLast Update : Fri Aug 01 07:03:58 2025  
Response via : Initial Calibration  
Integrator: ChemStation

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