

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD090425\  
 Data File : PD090155.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 04 Sep 2025 17:55  
 Operator : AR\AJ  
 Sample : PB169551BS  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB169551BS

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 09/05/2025  
 Supervised By : mohammad ahmed 09/09/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 05 02:04:16 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... | 3.548 | 2.878 | 56884444 | 464.4E6  | 19.382m | 21.059  |
| 28)                         | SA Decachlor... | 9.071 | 8.065 | 184.2E6  | 1189.6E6 | 42.685  | 45.955  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.999 | 3.389 | 329.0E6  | 1924.7E6 | 54.818  | 56.712  |
| 3)                          | MA gamma-BHC... | 4.329 | 3.726 | 316.1E6  | 1792.3E6 | 55.201  | 57.499  |
| 4)                          | MA Heptachlor   | 4.928 | 4.078 | 307.7E6  | 1759.6E6 | 54.863  | 56.412  |
| 5)                          | MB Aldrin       | 5.269 | 4.364 | 310.4E6  | 1794.9E6 | 57.324  | 58.936  |
| 6)                          | B beta-BHC      | 4.516 | 4.022 | 120.8E6  | 772.6E6  | 53.861  | 57.956  |
| 7)                          | B delta-BHC     | 4.764 | 4.258 | 235.5E6  | 1403.6E6 | 45.486  | 44.487  |
| 8)                          | B Heptachlo...  | 5.689 | 4.867 | 277.4E6  | 1631.8E6 | 56.527  | 58.920  |
| 9)                          | A Endosulfan I  | 6.073 | 5.242 | 261.3E6  | 1533.0E6 | 56.627  | 58.464  |
| 10)                         | B gamma-Chl...  | 5.945 | 5.119 | 279.8E6  | 1760.4E6 | 57.209  | 59.449m |
| 11)                         | B alpha-Chl...  | 6.026 | 5.185 | 278.3E6  | 1684.5E6 | 56.529  | 59.025  |
| 12)                         | B 4,4'-DDE      | 6.195 | 5.369 | 252.0E6  | 1722.7E6 | 57.433  | 59.767  |
| 13)                         | MA Dieldrin     | 6.346 | 5.507 | 281.1E6  | 1747.3E6 | 57.408  | 59.662  |
| 14)                         | MA Endrin       | 6.573 | 5.784 | 217.7E6  | 1536.8E6 | 52.543  | 57.706  |
| 15)                         | B Endosulfa...  | 6.786 | 6.075 | 237.4E6  | 1509.6E6 | 56.255  | 59.679  |
| 16)                         | A 4,4'-DDD      | 6.705 | 5.923 | 207.2E6  | 1496.5E6 | 59.912  | 62.239  |
| 17)                         | MA 4,4'-DDT     | 7.020 | 6.177 | 194.5E6  | 1367.4E6 | 51.048  | 54.545  |
| 18)                         | B Endrin al...  | 6.915 | 6.253 | 176.1E6  | 1133.4E6 | 61.421  | 65.821  |
| 19)                         | B Endosulfa...  | 7.149 | 6.477 | 209.1E6  | 1375.5E6 | 53.351  | 56.422  |
| 20)                         | A Methoxychlor  | 7.493 | 6.748 | 97103732 | 691.7E6  | 48.416  | 53.636  |
| 21)                         | B Endrin ke...  | 7.630 | 6.986 | 240.9E6  | 1655.6E6 | 58.118  | 62.136  |
| 22)                         | Mirex           | 8.112 | 7.179 | 168.9E6  | 1203.0E6 | 53.534  | 58.240  |
| -----                       |                 |       |       |          |          |         |         |

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

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ECD\_D

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## APPROVED

Reviewed By :Abdul Mirza 09/05/2025

Supervised By :mohammad ahmed 09/09/2025

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