

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD062425\  
 Data File : PD089108.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 24 Jun 2025 14:59  
 Operator : AR\AJ  
 Sample : PB168594BS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

**Instrument :**

ECD\_D

**ClientSampleId :**

PB168594BS

**Manual Integrations****APPROVED**

Reviewed By :Abdul Mirza 06/25/2025

Supervised By :mohammad ahmed 06/26/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 25 01:53:44 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 | 2.880 | 60124516 | 376.6E6  | 21.073 | 22.216  |
| 28)                         | SA Decachlor... | 9.072 | 8.071 | 92209654 | 446.4E6  | 23.477 | 22.578  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.999 | 3.392 | 277.9E6  | 1266.8E6 | 47.672 | 47.274  |
| 3)                          | MA gamma-BHC... | 4.330 | 3.729 | 263.9E6  | 1168.1E6 | 47.274 | 47.184  |
| 4)                          | MA Heptachlor   | 4.929 | 4.082 | 255.2E6  | 1143.8E6 | 46.816 | 45.683  |
| 5)                          | MB Aldrin       | 5.271 | 4.368 | 255.3E6  | 1145.8E6 | 48.050 | 47.315  |
| 6)                          | B beta-BHC      | 4.516 | 4.024 | 101.1E6  | 501.4E6  | 45.823 | 46.658  |
| 7)                          | B delta-BHC     | 4.764 | 4.261 | 258.4E6  | 1175.0E6 | 50.349 | 47.238  |
| 8)                          | B Heptachlo...  | 5.691 | 4.872 | 227.8E6  | 1030.3E6 | 47.226 | 47.048  |
| 9)                          | A Endosulfan I  | 6.075 | 5.246 | 215.7E6  | 991.3E6  | 47.851 | 47.564  |
| 10)                         | B gamma-Chl...  | 5.946 | 5.125 | 230.3E6  | 1125.1E6 | 48.102 | 47.030  |
| 11)                         | B alpha-Chl...  | 6.027 | 5.190 | 230.2E6  | 1071.0E6 | 47.573 | 46.774  |
| 12)                         | B 4,4'-DDE      | 6.196 | 5.374 | 216.4E6  | 1075.6E6 | 49.622 | 46.935  |
| 13)                         | MA Dieldrin     | 6.347 | 5.512 | 231.2E6  | 1091.9E6 | 48.202 | 47.049  |
| 14)                         | MA Endrin       | 6.574 | 5.787 | 189.2E6  | 963.6E6  | 45.851 | 44.376m |
| 15)                         | B Endosulfa...  | 6.786 | 6.079 | 186.6E6  | 948.7E6  | 46.226 | 46.971  |
| 16)                         | A 4,4'-DDD      | 6.705 | 5.928 | 167.9E6  | 916.3E6  | 48.922 | 47.901  |
| 17)                         | MA 4,4'-DDT     | 7.021 | 6.182 | 169.8E6  | 891.0E6  | 44.818 | 43.935  |
| 18)                         | B Endrin al...  | 6.915 | 6.257 | 143.3E6  | 704.4E6  | 46.769 | 46.004  |
| 19)                         | B Endosulfa...  | 7.149 | 6.481 | 182.1E6  | 916.7E6  | 47.447 | 46.721  |
| 20)                         | A Methoxychlor  | 7.493 | 6.753 | 84970661 | 457.3E6  | 42.052 | 42.470  |
| 21)                         | B Endrin ke...  | 7.630 | 6.990 | 196.5E6  | 1026.0E6 | 48.236 | 47.496  |
| 22)                         | Mirex           | 8.114 | 7.184 | 138.8E6  | 759.3E6  | 45.653 | 45.526  |
| -----                       |                 |       |       |          |          |        |         |

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

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