

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD102725\  
 Data File : PD090860.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 Oct 2025 20:51  
 Operator : AR\AJ  
 Sample : Q3447-02MSD  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 P001-TW1-251023-01MSD

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 10/28/2025  
 Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 28 01:13:51 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD101725.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Oct 17 17:43:28 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... | 3.543 | 2.873 | 50600522 | 541.1E6  | 16.249  | 18.171   |
| 28)                         | SA Decachlor... | 9.060 | 8.058 | 84819155 | 548.6E6  | 18.132  | 18.111   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.991 | 3.384 | 313.2E6  | 2042.2E6 | 43.638m | 39.968   |
| 3)                          | MA gamma-BHC... | 4.323 | 3.720 | 293.6E6  | 1770.6E6 | 43.179  | 37.473   |
| 4)                          | MA Heptachlor   | 4.921 | 4.072 | 287.2E6  | 1744.1E6 | 51.389  | 39.103   |
| 5)                          | MB Aldrin       | 5.262 | 4.357 | 279.2E6  | 1621.8E6 | 42.644  | 35.014   |
| 6)                          | B beta-BHC      | 4.508 | 4.016 | 117.5E6  | 801.4E6  | 44.855m | 40.415   |
| 7)                          | B delta-BHC     | 4.758 | 4.252 | 313.6E6  | 1828.5E6 | 46.383  | 38.319   |
| 8)                          | B Heptachlo...  | 5.682 | 4.861 | 274.1E6  | 1675.6E6 | 47.350  | 39.298   |
| 9)                          | A Endosulfan I  | 6.065 | 5.235 | 268.6E6  | 1575.0E6 | 48.518  | 39.985   |
| 10)                         | B gamma-Chl...  | 5.937 | 5.113 | 277.7E6  | 1780.1E6 | 46.821  | 39.603   |
| 11)                         | B alpha-Chl...  | 6.018 | 5.179 | 287.0E6  | 1692.6E6 | 46.435  | 39.237   |
| 12)                         | B 4,4'-DDE      | 6.187 | 5.363 | 253.0E6  | 1749.1E6 | 47.497  | 39.899   |
| 13)                         | MA Dieldrin     | 6.338 | 5.501 | 282.5E6  | 1814.7E6 | 48.441  | 41.071   |
| 14)                         | MA Endrin       | 6.565 | 5.777 | 275.1E6  | 1686.3E6 | 55.541  | 41.643 # |
| 15)                         | B Endosulfa...  | 6.778 | 6.069 | 235.4E6  | 1777.1E6 | 47.076  | 47.320   |
| 16)                         | A 4,4'-DDD      | 6.697 | 5.918 | 200.8E6  | 1567.1E6 | 49.537  | 43.008   |
| 17)                         | MA 4,4'-DDT     | 7.013 | 6.171 | 215.0E6  | 1614.2E6 | 52.298  | 46.024   |
| 18)                         | B Endrin al...  | 6.907 | 6.247 | 179.3E6  | 1157.3E6 | 48.958  | 41.790   |
| 19)                         | B Endosulfa...  | 7.141 | 6.470 | 223.0E6  | 1621.2E6 | 48.089  | 45.228   |
| 20)                         | A Methoxychlor  | 7.485 | 6.741 | 105.0E6  | 803.9E6  | 49.382  | 46.127   |
| 21)                         | B Endrin ke...  | 7.622 | 6.980 | 240.5E6  | 1719.9E6 | 49.498  | 45.601   |
| 22)                         | Mirex           | 8.104 | 7.172 | 141.5E6  | 1102.6E6 | 44.204  | 42.917   |
| -----                       |                 |       |       |          |          |         |          |

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

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