

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101725\  
 Data File : PD090682.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 17 Oct 2025 23:43  
 Operator : AR\AJ  
 Sample : Q3363-04MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PR132-SO3-010013-20251015MS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 10/21/2025  
 Supervised By :mohammad ahmed 10/24/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 21 02:33:29 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 | 2.875 | 40355759 | 408.0E6  | 12.959m | 13.701  |
| 28)                         | SA Decachlor... | 9.066 | 8.062 | 59203025 | 292.6E6  | 12.656  | 9.659   |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.994 | 3.386 | 321.9E6  | 2035.2E6 | 44.845  | 39.830  |
| 3)                          | MA gamma-BHC... | 4.325 | 3.722 | 300.4E6  | 1861.6E6 | 44.187  | 39.400  |
| 4)                          | MA Heptachlor   | 4.923 | 4.074 | 239.8E6  | 1813.8E6 | 42.901  | 40.666  |
| 5)                          | MB Aldrin       | 5.264 | 4.360 | 293.1E6  | 1810.2E6 | 44.773  | 39.081  |
| 6)                          | B beta-BHC      | 4.512 | 4.017 | 101.0E6  | 759.6E6  | 38.573  | 38.306m |
| 7)                          | B delta-BHC     | 4.760 | 4.255 | 304.1E6  | 1891.2E6 | 44.972  | 39.634  |
| 8)                          | B Heptachlo...  | 5.684 | 4.863 | 250.6E6  | 1701.5E6 | 43.287  | 39.904m |
| 9)                          | A Endosulfan I  | 6.068 | 5.239 | 235.9E6  | 1364.6E6 | 42.599  | 34.643  |
| 10)                         | B gamma-Chl...  | 5.940 | 5.116 | 248.9E6  | 1809.3E6 | 41.963  | 40.252  |
| 11)                         | B alpha-Chl...  | 6.020 | 5.181 | 254.6E6  | 1685.2E6 | 41.196  | 39.065  |
| 12)                         | B 4,4'-DDE      | 6.190 | 5.366 | 208.8E6  | 1569.9E6 | 39.199  | 35.810  |
| 13)                         | MA Dieldrin     | 6.341 | 5.503 | 245.1E6  | 1732.5E6 | 42.023  | 39.210  |
| 14)                         | MA Endrin       | 6.568 | 5.780 | 213.5E6  | 1537.2E6 | 43.096  | 37.961  |
| 15)                         | B Endosulfa...  | 6.781 | 6.070 | 207.1E6  | 1400.7E6 | 41.419  | 37.297m |
| 16)                         | A 4,4'-DDD      | 6.700 | 5.921 | 169.4E6  | 1245.2E6 | 41.789  | 34.174  |
| 17)                         | MA 4,4'-DDT     | 7.015 | 6.174 | 172.3E6  | 1297.4E6 | 41.912  | 36.991  |
| 18)                         | B Endrin al...  | 6.910 | 6.250 | 153.2E6  | 1009.9E6 | 41.827  | 36.468  |
| 19)                         | B Endosulfa...  | 7.144 | 6.474 | 188.7E6  | 1296.6E6 | 40.692  | 36.174  |
| 20)                         | A Methoxychlor  | 7.488 | 6.745 | 88514245 | 637.2E6  | 41.642  | 36.560  |
| 21)                         | B Endrin ke...  | 7.625 | 6.983 | 201.9E6  | 1267.6E6 | 41.558  | 33.608  |
| 22)                         | Mirex           | 8.106 | 7.175 | 126.0E6  | 842.3E6  | 39.380m | 32.787  |
| -----                       |                 |       |       |          |          |         |         |

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

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