

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101425\  
 Data File : PD090590.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Oct 2025 18:04  
 Operator : AR\AJ  
 Sample : Q3321-02MSD  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 P001-DS-01MSD

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 10/15/2025  
 Supervised By : mohammad ahmed 10/16/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 15 07:41:07 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD091825.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Sep 19 05:52:38 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... | 3.545 | 2.875 | 62369052 | 561.6E6  | 19.188  | 20.457 |
| 2)                          | SA Decachlor... | 9.064 | 8.062 | 98343443 | 627.0E6  | 20.382  | 19.344 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 3.994 | 3.386 | 338.6E6  | 2156.5E6 | 48.484  | 49.255 |
| 3)                          | MA gamma-BHC... | 4.325 | 3.723 | 326.3E6  | 1990.9E6 | 49.319  | 48.874 |
| 4)                          | MA Heptachlor   | 4.923 | 4.075 | 262.8E6  | 1790.2E6 | 39.748  | 43.967 |
| 5)                          | MB Aldrin       | 5.264 | 4.360 | 301.2E6  | 1953.1E6 | 47.437  | 48.908 |
| 6)                          | B beta-BHC      | 4.512 | 4.018 | 118.8E6  | 850.4E6  | 46.044  | 49.056 |
| 7)                          | B delta-BHC     | 4.759 | 4.255 | 329.4E6  | 2029.6E6 | 51.005m | 49.149 |
| 8)                          | B Heptachlo...  | 5.684 | 4.864 | 267.7E6  | 1806.7E6 | 46.835  | 49.008 |
| 9)                          | A Endosulfan I  | 6.068 | 5.238 | 242.0E6  | 1687.7E6 | 44.810  | 48.769 |
| 10)                         | B gamma-Chl...  | 5.940 | 5.117 | 265.3E6  | 1919.6E6 | 46.444  | 48.863 |
| 11)                         | B alpha-Chl...  | 6.019 | 5.181 | 277.0E6  | 1835.5E6 | 48.087m | 48.731 |
| 12)                         | B 4,4'-DDE      | 6.190 | 5.366 | 246.4E6  | 1868.5E6 | 47.323  | 48.812 |
| 13)                         | MA Dieldrin     | 6.341 | 5.504 | 271.6E6  | 1885.8E6 | 47.123  | 48.421 |
| 14)                         | MA Endrin       | 6.568 | 5.780 | 232.0E6  | 1741.6E6 | 47.404  | 48.606 |
| 15)                         | B Endosulfa...  | 6.780 | 6.072 | 231.2E6  | 1627.1E6 | 47.392  | 48.208 |
| 16)                         | A 4,4'-DDD      | 6.699 | 5.920 | 189.9E6  | 1562.1E6 | 46.345  | 48.171 |
| 17)                         | MA 4,4'-DDT     | 7.015 | 6.174 | 190.3E6  | 1443.3E6 | 42.740  | 41.983 |
| 18)                         | B Endrin al...  | 6.909 | 6.250 | 170.4E6  | 1211.2E6 | 49.671  | 51.436 |
| 19)                         | B Endosulfa...  | 7.144 | 6.474 | 209.7E6  | 1547.4E6 | 45.577  | 47.334 |
| 20)                         | A Methoxychlor  | 7.488 | 6.745 | 92650146 | 698.7E6  | 39.317  | 40.153 |
| 21)                         | B Endrin ke...  | 7.625 | 6.983 | 220.8E6  | 1636.1E6 | 44.631  | 45.317 |
| 22)                         | Mirex           | 8.108 | 7.175 | 140.4E6  | 1080.8E6 | 37.897  | 39.152 |
| -----                       |                 |       |       |          |          |         |        |

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

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ECD\_D

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P001-DS-01MSD

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