

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD101525\  
 Data File : PD090616.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Oct 2025 19:03  
 Operator : AR\AJ  
 Sample : Q3341-01MS  
 Misc :  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 C-1MS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 10/16/2025  
 Supervised By :mohammad ahmed 10/17/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Oct 16 09:44:36 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... | 3.544 | 2.874 | 47845451 | 461.3E6  | 14.720m | 16.806m |
| 28)                         | SA Decachlor... | 9.067 | 8.062 | 75602900 | 406.8E6  | 15.669  | 12.549  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.995 | 3.387 | 356.3E6  | 2251.5E6 | 51.010  | 51.425  |
| 3)                          | MA gamma-BHC... | 4.324 | 3.723 | 339.2E6  | 2034.1E6 | 51.260m | 49.935  |
| 4)                          | MA Heptachlor   | 4.923 | 4.075 | 271.4E6  | 1966.9E6 | 41.037  | 48.306  |
| 5)                          | MB Aldrin       | 5.265 | 4.360 | 319.3E6  | 2011.8E6 | 50.287  | 50.376  |
| 6)                          | B beta-BHC      | 4.513 | 4.019 | 110.9E6  | 923.3E6  | 43.005  | 53.260  |
| 7)                          | B delta-BHC     | 4.759 | 4.255 | 330.0E6  | 2065.3E6 | 51.096m | 50.013  |
| 8)                          | B Heptachlo...  | 5.685 | 4.864 | 282.6E6  | 1848.7E6 | 49.452  | 50.148  |
| 9)                          | A Endosulfan I  | 6.069 | 5.239 | 261.7E6  | 1563.2E6 | 48.459  | 45.173  |
| 10)                         | B gamma-Chl...  | 5.940 | 5.117 | 297.0E6  | 2112.7E6 | 51.992  | 53.778  |
| 11)                         | B alpha-Chl...  | 6.020 | 5.181 | 319.0E6  | 2004.6E6 | 55.374m | 53.221  |
| 12)                         | B 4,4'-DDE      | 6.191 | 5.366 | 245.9E6  | 1873.5E6 | 47.212  | 48.943  |
| 13)                         | MA Dieldrin     | 6.341 | 5.504 | 277.2E6  | 1924.3E6 | 48.083  | 49.411  |
| 14)                         | MA Endrin       | 6.569 | 5.780 | 236.5E6  | 1749.7E6 | 48.332  | 48.829  |
| 15)                         | B Endosulfa...  | 6.781 | 6.072 | 230.2E6  | 1646.8E6 | 47.184  | 48.793  |
| 16)                         | A 4,4'-DDD      | 6.700 | 5.921 | 197.8E6  | 1464.2E6 | 48.270  | 45.153  |
| 17)                         | MA 4,4'-DDT     | 7.016 | 6.174 | 191.2E6  | 1477.3E6 | 42.943  | 42.970  |
| 18)                         | B Endrin al...  | 6.911 | 6.250 | 170.9E6  | 1176.3E6 | 49.815  | 49.954  |
| 19)                         | B Endosulfa...  | 7.145 | 6.474 | 209.9E6  | 1486.8E6 | 45.627  | 45.482  |
| 20)                         | A Methoxychlor  | 7.489 | 6.745 | 94915638 | 717.0E6  | 40.278  | 41.205  |
| 21)                         | B Endrin ke...  | 7.626 | 6.983 | 221.9E6  | 1504.7E6 | 44.858  | 41.678  |
| 22)                         | Mirex           | 8.108 | 7.176 | 154.2E6  | 1004.3E6 | 41.612  | 36.378  |
| -----                       |                 |       |       |          |          |         |         |

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

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