

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091625\  
 Data File : PD090296.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Sep 2025 14:37  
 Operator : AR\AJ  
 Sample : Q3091-08MSD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 12/9B-COMPMSD

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 09/17/2025  
 Supervised By :mohammad ahmed 09/18/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 17 02:47:52 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:16:54 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 | 48928216 | 452.6E6  | 16.672m | 20.526m |
| 28)                         | SA Decachlor... | 9.066 | 8.063 | 81608080 | 535.8E6  | 18.909  | 20.700  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 3.996 | 3.387 | 274.5E6  | 1717.8E6 | 45.739  | 50.614m |
| 3)                          | MA gamma-BHC... | 4.325 | 3.724 | 256.9E6  | 1580.3E6 | 44.853m | 50.699  |
| 4)                          | MA Heptachlor   | 4.925 | 4.077 | 256.2E6  | 1585.3E6 | 45.682  | 50.824  |
| 5)                          | MB Aldrin       | 5.265 | 4.362 | 245.3E6  | 1569.9E6 | 45.312m | 51.548  |
| 6)                          | B beta-BHC      | 4.513 | 4.020 | 97443642 | 674.3E6  | 43.443  | 50.584  |
| 7)                          | B delta-BHC     | 4.761 | 4.256 | 254.1E6  | 1580.6E6 | 49.071  | 50.097  |
| 8)                          | B Heptachlo...  | 5.686 | 4.866 | 221.2E6  | 1417.9E6 | 45.078  | 51.198  |
| 9)                          | A Endosulfan I  | 6.070 | 5.240 | 207.7E6  | 1344.4E6 | 45.011  | 51.272  |
| 10)                         | B gamma-Chl...  | 5.941 | 5.119 | 220.5E6  | 1529.0E6 | 45.093  | 51.636  |
| 11)                         | B alpha-Chl...  | 6.021 | 5.183 | 223.1E6  | 1476.3E6 | 45.332m | 51.732  |
| 12)                         | B 4,4'-DDE      | 6.191 | 5.367 | 205.5E6  | 1524.2E6 | 46.822  | 52.882  |
| 13)                         | MA Dieldrin     | 6.341 | 5.505 | 225.2E6  | 1515.0E6 | 45.995m | 51.729  |
| 14)                         | MA Endrin       | 6.568 | 5.782 | 191.1E6  | 1379.9E6 | 46.127m | 51.813  |
| 15)                         | B Endosulfa...  | 6.782 | 6.073 | 191.4E6  | 1310.2E6 | 45.352  | 51.798  |
| 16)                         | A 4,4'-DDD      | 6.701 | 5.922 | 157.6E6  | 1196.0E6 | 45.562  | 49.741  |
| 17)                         | MA 4,4'-DDT     | 7.015 | 6.176 | 167.5E6  | 1348.0E6 | 43.977m | 53.770  |
| 18)                         | B Endrin al...  | 6.911 | 6.252 | 139.1E6  | 969.2E6  | 48.498  | 56.283  |
| 19)                         | B Endosulfa...  | 7.143 | 6.474 | 173.5E6  | 1249.7E6 | 44.267m | 51.260  |
| 20)                         | A Methoxychlor  | 7.489 | 6.746 | 89022679 | 665.3E6  | 44.387  | 51.588  |
| 21)                         | B Endrin ke...  | 7.626 | 6.983 | 190.0E6  | 1379.3E6 | 45.834  | 51.766  |
| 22)                         | Mirex           | 8.109 | 7.176 | 142.8E6  | 1063.2E6 | 45.282  | 51.474  |
| -----                       |                 |       |       |          |          |         |         |

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

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