

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091625\  
 Data File : PD090287.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Sep 2025 10:41  
 Operator : AR\AJ  
 Sample : Q2893-03  
 Misc : PEST MDL 1PPB  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 MDL-SOIL-03-QT3-2025

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 02:46:30 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... | 3.554 | 2.875 | 50465497 | 446.5E6  | 17.195  | 20.247m |
| 28)                         | SA Decachlor... | 9.074 | 8.066 | 87827427 | 573.7E6  | 20.350m | 22.162  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 4.003 | 3.387 | 6303915  | 46448645 | 1.050   | 1.369m# |
| 3)                          | MA gamma-BHC... | 4.333 | 3.725 | 5451681  | 38714652 | 0.952m  | 1.242 # |
| 4)                          | MA Heptachlor   | 4.931 | 4.078 | 5733254  | 41910322 | 1.022m  | 1.344 # |
| 5)                          | MB Aldrin       | 5.272 | 4.362 | 5685481  | 37814896 | 1.050m  | 1.242m  |
| 6)                          | B beta-BHC      | 4.521 | 4.020 | 2588777  | 19220106 | 1.154   | 1.442m  |
| 7)                          | B delta-BHC     | 4.769 | 4.257 | 6404121  | 44062503 | 1.237m  | 1.397   |
| 8)                          | B Heptachlo...  | 5.692 | 4.866 | 6019522  | 38791199 | 1.227m  | 1.401m  |
| 9)                          | A Endosulfan I  | 6.077 | 5.240 | 5172081  | 35087540 | 1.121   | 1.338m  |
| 10)                         | B gamma-Chl...  | 5.949 | 5.118 | 5570413  | 39435816 | 1.139   | 1.332m  |
| 11)                         | B alpha-Chl...  | 6.030 | 5.184 | 5462035  | 38895465 | 1.110   | 1.363m  |
| 12)                         | B 4,4'-DDE      | 6.199 | 5.368 | 4684524  | 37172098 | 1.068   | 1.290m  |
| 13)                         | MA Dieldrin     | 6.348 | 5.507 | 5299649  | 38254561 | 1.082m  | 1.306   |
| 14)                         | MA Endrin       | 6.576 | 5.783 | 4369359  | 40035923 | 1.054m  | 1.503m# |
| 15)                         | B Endosulfa...  | 6.788 | 6.076 | 4907869  | 37267956 | 1.163m  | 1.473 # |
| 16)                         | A 4,4'-DDD      | 6.709 | 5.923 | 4323851  | 34329891 | 1.250   | 1.428m  |
| 17)                         | MA 4,4'-DDT     | 7.023 | 6.177 | 3532126  | 29326819 | 0.927m  | 1.170m# |
| 18)                         | B Endrin al...  | 6.919 | 6.253 | 3740237  | 26203837 | 1.305   | 1.522m  |
| 19)                         | B Endosulfa...  | 7.152 | 6.478 | 4504377  | 35392855 | 1.150m  | 1.452 # |
| 20)                         | A Methoxychlor  | 7.497 | 6.749 | 2576965  | 19584841 | 1.285   | 1.519   |
| 21)                         | B Endrin ke...  | 7.634 | 6.986 | 4856286  | 33049496 | 1.172   | 1.240   |
| 22)                         | Mirex           | 8.116 | 7.180 | 3862360  | 27210554 | 1.224   | 1.317   |
| -----                       |                 |       |       |          |          |         |         |

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

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