

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL090325\  
 Data File : PL097036.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 03 Sep 2025 14:55  
 Operator : AR\AJ  
 Sample : Q2117-04  
 Misc : PEST MDL SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 MDL-SOIL-QT2-2025-04

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 09/04/2025  
 Supervised By :mohammad ahmed 09/05/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 04 07:17:31 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL081225CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Aug 13 06:38:25 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml   |
|-----------------------------|-----------------|-------|-------|----------|----------|--------|---------|
| -----                       |                 |       |       |          |          |        |         |
| System Monitoring Compounds |                 |       |       |          |          |        |         |
| 1)                          | SA Tetrachlo... | 3.528 | 2.822 | 59168773 | 89932729 | 19.790 | 19.741  |
| 27)                         | SA Decachlor... | 9.007 | 7.986 | 54065760 | 96352805 | 24.214 | 21.717  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.975 | 3.327 | 5617215  | 9065350  | 1.210  | 1.310   |
| 3)                          | MA gamma-BHC... | 4.304 | 3.659 | 7005450  | 7876389  | 1.596  | 1.225   |
| 4)                          | MA Heptachlor   | 4.894 | 4.008 | 6595561  | 8912255  | 1.504  | 1.384   |
| 5)                          | MB Aldrin       | 5.234 | 4.290 | 5585274  | 8194955  | 1.320  | 1.379   |
| 6)                          | B beta-BHC      | 4.490 | 3.954 | 3102459  | 4252709  | 1.699  | 1.473m  |
| 7)                          | B delta-BHC     | 4.735 | 4.189 | 5946317  | 8471901  | 1.511m | 1.344   |
| 8)                          | B Heptachlo...  | 5.651 | 4.792 | 6712449  | 9510049  | 1.811m | 1.718m  |
| 9)                          | A Endosulfan I  | 6.036 | 5.163 | 5630534  | 7761868  | 1.635  | 1.491   |
| 10)                         | B trans-Chl...  | 5.908 | 5.044 | 4859594  | 6936141  | 1.327  | 1.237   |
| 11)                         | B cis-Chlor...  | 5.987 | 5.108 | 5566006  | 7790586  | 1.511m | 1.422   |
| 12)                         | B 4,4'-DDE      | 6.158 | 5.297 | 4839858  | 6725725  | 1.557  | 1.233   |
| 13)                         | MA Dieldrin     | 6.308 | 5.427 | 4927750  | 8310635  | 1.349  | 1.426m  |
| 14)                         | MA Endrin       | 6.534 | 5.708 | 4553394  | 12593113 | 1.570m | 2.497 # |
| 15)                         | B Endosulfa...  | 6.745 | 5.995 | 5010144  | 6817182  | 1.750m | 1.388   |
| 16)                         | A 4,4'-DDD      | 6.667 | 5.850 | 3176809  | 6315545  | 1.276m | 1.375   |
| 17)                         | MA 4,4'-DDT     | 6.982 | 6.102 | 3937679  | 7734025  | 1.659  | 1.674m  |
| 18)                         | B Endrin al...  | 6.877 | 6.170 | 3845075  | 8607638  | 1.791  | 2.074m  |
| 19)                         | B Endosulfa...  | 7.110 | 6.396 | 4290810  | 6645160  | 1.598  | 1.343   |
| 20)                         | A Methoxychlor  | 7.455 | 6.675 | 2478361  | 4091250  | 1.903  | 1.663   |
| 21)                         | B Endrin ke...  | 7.590 | 6.899 | 4113549  | 7413733  | 1.395  | 1.406m  |
| -----                       |                 |       |       |          |          |        |         |

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

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