

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071025\  
 Data File : PL096309.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 10 Jul 2025 15:25  
 Operator : AR\AJ  
 Sample : Q2489-01MS  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 G4(0-6)MS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 07/11/2025  
 Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 10 23:02:14 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL070725.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Jul 07 15:22:07 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 x0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml  | ng/ml    |
|-----------------------------|-----------------|-------|-------|----------|----------|--------|----------|
| -----                       |                 |       |       |          |          |        |          |
| System Monitoring Compounds |                 |       |       |          |          |        |          |
| 1)                          | SA Tetrachlo... | 3.538 | 2.829 | 69858496 | 106.4E6  | 19.145 | 18.437   |
| 28)                         | SA Decachlor... | 9.020 | 7.996 | 60674352 | 96864149 | 21.569 | 19.425   |
| Target Compounds            |                 |       |       |          |          |        |          |
| 2)                          | A alpha-BHC     | 3.986 | 3.335 | 261.0E6  | 393.9E6  | 50.743 | 46.704   |
| 3)                          | MA gamma-BHC... | 4.314 | 3.667 | 251.0E6  | 364.5E6  | 50.407 | 46.286   |
| 4)                          | MA Heptachlor   | 4.907 | 4.016 | 242.1E6  | 343.8E6  | 52.852 | 45.196   |
| 5)                          | MB Aldrin       | 5.246 | 4.299 | 237.2E6  | 328.5E6  | 49.066 | 45.034   |
| 6)                          | B beta-BHC      | 4.500 | 3.963 | 102.3E6  | 152.4E6  | 49.233 | 44.516   |
| 7)                          | B delta-BHC     | 4.746 | 4.197 | 239.7E6  | 357.7E6  | 53.485 | 46.439   |
| 8)                          | B Heptachlo...  | 5.666 | 4.802 | 224.2E6  | 302.5E6  | 54.038 | 45.258   |
| 9)                          | A Endosulfan I  | 6.047 | 5.173 | 206.3E6  | 284.5E6  | 51.087 | 39.657   |
| 10)                         | B gamma-Chl...  | 5.919 | 5.054 | 218.2E6  | 315.7E6  | 49.310 | 44.973   |
| 11)                         | B alpha-Chl...  | 6.000 | 5.118 | 220.2E6  | 311.3E6  | 50.278 | 41.396   |
| 12)                         | B 4,4'-DDE      | 6.170 | 5.307 | 192.2E6  | 282.4E6  | 51.853 | 43.695   |
| 13)                         | MA Dieldrin     | 6.320 | 5.437 | 216.0E6  | 315.9E6  | 51.095 | 46.320   |
| 14)                         | MA Endrin       | 6.546 | 5.712 | 170.1E6  | 244.4E6  | 54.676 | 40.083 # |
| 15)                         | B Endosulfa...  | 6.759 | 6.004 | 171.8E6  | 270.8E6  | 49.513 | 46.182   |
| 16)                         | A 4,4'-DDD      | 6.678 | 5.859 | 155.9E6  | 252.5E6  | 53.536 | 49.240   |
| 17)                         | MA 4,4'-DDT     | 6.993 | 6.112 | 159.6E6  | 221.8E6  | 52.587 | 38.667 # |
| 18)                         | B Endrin al...  | 6.887 | 6.182 | 131.4E6  | 212.0E6  | 58.789 | 47.591   |
| 19)                         | B Endosulfa...  | 7.120 | 6.405 | 161.9E6  | 260.4E6  | 52.930 | 46.302   |
| 20)                         | A Methoxychlor  | 7.465 | 6.684 | 80033871 | 131.2E6  | 50.802 | 43.201   |
| 21)                         | B Endrin ke...  | 7.600 | 6.908 | 176.7E6  | 295.8E6  | 53.514 | 47.318m  |
| 22)                         | Mirex           | 8.079 | 7.101 | 138.8E6  | 223.5E6  | 49.891 | 44.990   |
| -----                       |                 |       |       |          |          |        |          |

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

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