

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071425\  
 Data File : PL096355.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Jul 2025 15:53  
 Operator : AR\AJ  
 Sample : Q2586-01MSD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP-16MSD

Manual Integrations  
 APPROVED

Reviewed By :Yogesh Patel 07/15/2025  
 Supervised By :mohammad ahmed 07/17/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 15 02:20:23 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... | 3.534 | 2.824 | 61066326 | 85686382 | 16.735m | 14.847   |
| 28)                         | SA Decachlor... | 9.024 | 7.994 | 40443296 | 61698033 | 14.377  | 12.373   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.984 | 3.331 | 275.8E6  | 374.5E6  | 53.620  | 44.406   |
| 3)                          | MA gamma-BHC... | 4.312 | 3.663 | 258.8E6  | 343.7E6  | 51.971  | 43.639   |
| 4)                          | MA Heptachlor   | 4.904 | 4.013 | 243.0E6  | 334.4E6  | 53.049m | 43.949   |
| 5)                          | MB Aldrin       | 5.245 | 4.296 | 248.3E6  | 325.8E6  | 51.367m | 44.663   |
| 6)                          | B beta-BHC      | 4.499 | 3.960 | 105.5E6  | 145.2E6  | 50.727  | 42.401   |
| 7)                          | B delta-BHC     | 4.745 | 4.193 | 253.3E6  | 336.0E6  | 56.521  | 43.631   |
| 8)                          | B Heptachlo...  | 5.666 | 4.799 | 234.5E6  | 289.0E6  | 56.528  | 43.224   |
| 9)                          | A Endosulfan I  | 6.048 | 5.170 | 219.4E6  | 265.6E6  | 54.340  | 37.026 # |
| 10)                         | B gamma-Chl...  | 5.920 | 5.051 | 229.2E6  | 304.7E6  | 51.806  | 43.400   |
| 11)                         | B alpha-Chl...  | 6.001 | 5.115 | 242.8E6  | 297.2E6  | 55.455  | 39.526 # |
| 12)                         | B 4,4'-DDE      | 6.171 | 5.304 | 190.5E6  | 267.8E6  | 51.391  | 41.438   |
| 13)                         | MA Dieldrin     | 6.320 | 5.435 | 218.3E6  | 300.1E6  | 51.631  | 44.002   |
| 14)                         | MA Endrin       | 6.547 | 5.709 | 178.7E6  | 231.8E6  | 57.464  | 38.027 # |
| 15)                         | B Endosulfa...  | 6.759 | 6.001 | 174.0E6  | 267.2E6  | 50.152m | 45.569   |
| 16)                         | A 4,4'-DDD      | 6.678 | 5.857 | 153.8E6  | 225.6E6  | 52.837m | 43.988   |
| 17)                         | MA 4,4'-DDT     | 6.992 | 6.110 | 153.5E6  | 208.1E6  | 50.585m | 36.292 # |
| 18)                         | B Endrin al...  | 6.886 | 6.180 | 133.5E6  | 191.6E6  | 59.712m | 43.008 # |
| 19)                         | B Endosulfa...  | 7.122 | 6.403 | 173.4E6  | 240.4E6  | 56.674  | 42.749   |
| 20)                         | A Methoxychlor  | 7.467 | 6.682 | 95272369 | 125.1E6  | 60.475  | 41.165 # |
| 21)                         | B Endrin ke...  | 7.600 | 6.907 | 172.6E6  | 258.4E6  | 52.290m | 41.329m  |
| 22)                         | Mirex           | 8.081 | 7.099 | 140.2E6  | 202.7E6  | 50.395  | 40.809   |
| -----                       |                 |       |       |          |          |         |          |

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

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