

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL060225\  
 Data File : PL095869.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 02 Jun 2025 15:44  
 Operator : AR\AJ  
 Sample : Q2160-01MSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 TP04-MHG-WCMSD

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 06/03/2025  
 Supervised By : mohammad ahmed 06/04/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 02 21:53:04 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052125.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 22 06:29:30 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...          | 3.572 | 2.886 | 46802841 | 56215810 | 14.833m | 14.363  |
| 28) SA Decachlor...         | 9.101 | 8.061 | 33283313 | 57679371 | 14.125  | 13.185  |
| Target Compounds            |       |       |          |          |         |         |
| 2) A alpha-BHC              | 4.025 | 3.395 | 223.3E6  | 273.3E6  | 46.056  | 46.667  |
| 3) MA gamma-BHC...          | 4.356 | 3.729 | 206.7E6  | 259.4E6  | 46.220  | 46.316  |
| 4) MA Heptachlor            | 4.954 | 4.082 | 172.8E6  | 255.6E6  | 45.641  | 45.566  |
| 5) MB Aldrin                | 5.296 | 4.366 | 200.9E6  | 246.9E6  | 46.953  | 46.532  |
| 6) B beta-BHC               | 4.544 | 4.025 | 89557480 | 114.0E6  | 45.429  | 46.013  |
| 7) B delta-BHC              | 4.792 | 4.260 | 204.9E6  | 260.8E6  | 46.209  | 46.186  |
| 8) B Heptachlo...           | 5.718 | 4.869 | 180.4E6  | 229.6E6  | 47.263  | 46.498  |
| 9) A Endosulfan I           | 6.101 | 5.241 | 171.2E6  | 220.3E6  | 46.705  | 46.241  |
| 10) B gamma-Chl...          | 5.972 | 5.121 | 183.2E6  | 243.6E6  | 47.068  | 46.373  |
| 11) B alpha-Chl...          | 6.054 | 5.185 | 183.9E6  | 240.8E6  | 46.580  | 46.282  |
| 12) B 4,4'-DDE              | 6.224 | 5.372 | 171.0E6  | 242.9E6  | 46.633  | 45.305  |
| 13) MA Dieldrin             | 6.375 | 5.505 | 181.9E6  | 241.5E6  | 47.137  | 45.560  |
| 14) MA Endrin               | 6.602 | 5.779 | 148.1E6  | 219.8E6  | 45.904  | 45.079m |
| 15) B Endosulfa...          | 6.814 | 6.071 | 150.0E6  | 218.1E6  | 43.531  | 45.898  |
| 16) A 4,4'-DDD              | 6.734 | 5.924 | 134.4E6  | 195.4E6  | 45.869  | 44.559  |
| 17) MA 4,4'-DDT             | 7.049 | 6.177 | 124.9E6  | 214.8E6  | 46.163  | 44.908  |
| 18) B Endrin al...          | 6.943 | 6.249 | 111.3E6  | 155.5E6  | 46.053  | 45.021  |
| 19) B Endosulfa...          | 7.177 | 6.472 | 136.0E6  | 198.6E6  | 45.544  | 44.179  |
| 20) A Methoxychlor          | 7.521 | 6.748 | 60963702 | 112.8E6  | 47.802  | 43.136  |
| 21) B Endrin ke...          | 7.659 | 6.977 | 140.9E6  | 230.7E6  | 44.487  | 44.595  |
| 22) Mirex                   | 8.140 | 7.170 | 106.8E6  | 181.1E6  | 46.140  | 44.590m |
| -----                       |       |       |          |          |         |         |

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

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