

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081625\  
 Data File : PD089920.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Aug 2025 16:57  
 Operator : AR\AJ  
 Sample : Q2832-02MS  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 TG-S01MS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 08/18/2025  
 Supervised By :mohammad ahmed 08/19/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Aug 18 01:51:28 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD073125.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 01 07:03:58 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... | 3.547 | 2.878 | 46543188 | 358.8E6  | 18.869m | 22.657   |
| 2)                          | SA Decachlor... | 9.068 | 8.066 | 61663397 | 350.0E6  | 16.593  | 17.432   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.998 | 3.390 | 243.4E6  | 1416.9E6 | 49.132  | 58.297   |
| 3)                          | MA gamma-BHC... | 4.329 | 3.727 | 243.9E6  | 1319.9E6 | 51.322  | 58.599   |
| 4)                          | MA Heptachlor   | 4.927 | 4.080 | 220.2E6  | 1260.8E6 | 45.763  | 54.324   |
| 5)                          | MB Aldrin       | 5.269 | 4.365 | 211.1E6  | 1245.0E6 | 46.250  | 55.952   |
| 6)                          | B beta-BHC      | 4.515 | 4.022 | 91907039 | 561.2E6  | 49.823  | 58.166   |
| 7)                          | B delta-BHC     | 4.762 | 4.259 | 223.1E6  | 1171.8E6 | 48.638m | 51.588   |
| 8)                          | B Heptachlo...  | 5.688 | 4.869 | 197.9E6  | 1189.6E6 | 47.326  | 57.888   |
| 9)                          | A Endosulfan I  | 6.072 | 5.243 | 184.5E6  | 1116.4E6 | 46.540  | 57.112   |
| 10)                         | B gamma-Chl...  | 5.943 | 5.122 | 193.5E6  | 1262.9E6 | 46.302  | 58.321 # |
| 11)                         | B alpha-Chl...  | 6.024 | 5.186 | 194.4E6  | 1208.5E6 | 46.236  | 58.040 # |
| 12)                         | B 4,4'-DDE      | 6.193 | 5.371 | 175.9E6  | 1229.9E6 | 47.152  | 58.186   |
| 13)                         | MA Dieldrin     | 6.345 | 5.509 | 195.4E6  | 1264.9E6 | 46.261  | 58.453 # |
| 14)                         | MA Endrin       | 6.572 | 5.785 | 166.4E6  | 1120.7E6 | 46.518  | 56.243   |
| 15)                         | B Endosulfa...  | 6.784 | 6.077 | 164.5E6  | 1053.1E6 | 44.828  | 56.016   |
| 16)                         | A 4,4'-DDD      | 6.703 | 5.926 | 136.2E6  | 1005.9E6 | 45.463  | 57.046 # |
| 17)                         | MA 4,4'-DDT     | 7.018 | 6.179 | 146.8E6  | 1026.0E6 | 43.687  | 55.842 # |
| 18)                         | B Endrin al...  | 6.913 | 6.255 | 124.9E6  | 791.9E6  | 50.041  | 61.291   |
| 19)                         | B Endosulfa...  | 7.147 | 6.478 | 152.1E6  | 992.0E6  | 43.824  | 53.434   |
| 20)                         | A Methoxychlor  | 7.491 | 6.750 | 75999995 | 515.4E6  | 42.506  | 52.618   |
| 21)                         | B Endrin ke...  | 7.627 | 6.987 | 163.3E6  | 1061.7E6 | 43.959  | 52.904   |
| 22)                         | Mirex           | 8.110 | 7.180 | 117.3E6  | 780.9E6  | 42.056  | 51.305   |
| -----                       |                 |       |       |          |          |         |          |

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

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## Instrument :

ECD\_D

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TG-S01MS

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