

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081625\  
 Data File : PD089921.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Aug 2025 17:10  
 Operator : AR\AJ  
 Sample : Q2832-02MSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 TG-S01MSD

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 01:51:38 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... | 3.546 | 2.878 | 46526191 | 358.2E6  | 18.863m | 22.616   |
| 28)                         | SA Decachlor... | 9.068 | 8.066 | 61704303 | 364.8E6  | 16.604  | 18.169   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 3.997 | 3.390 | 245.0E6  | 1417.3E6 | 49.458  | 58.313   |
| 3)                          | MA gamma-BHC... | 4.328 | 3.727 | 243.7E6  | 1325.3E6 | 51.281  | 58.841   |
| 4)                          | MA Heptachlor   | 4.926 | 4.079 | 223.4E6  | 1267.5E6 | 46.422  | 54.613   |
| 5)                          | MB Aldrin       | 5.268 | 4.365 | 214.3E6  | 1253.5E6 | 46.949  | 56.336   |
| 6)                          | B beta-BHC      | 4.514 | 4.022 | 91766124 | 566.7E6  | 49.746  | 58.729   |
| 7)                          | B delta-BHC     | 4.761 | 4.259 | 224.4E6  | 1178.6E6 | 48.929m | 51.884   |
| 8)                          | B Heptachlo...  | 5.688 | 4.869 | 198.7E6  | 1195.6E6 | 47.538  | 58.180   |
| 9)                          | A Endosulfan I  | 6.071 | 5.243 | 187.6E6  | 1137.1E6 | 47.329  | 58.169   |
| 10)                         | B gamma-Chl...  | 5.943 | 5.122 | 198.7E6  | 1284.7E6 | 47.552  | 59.329   |
| 11)                         | B alpha-Chl...  | 6.023 | 5.186 | 198.6E6  | 1234.3E6 | 47.236  | 59.280 # |
| 12)                         | B 4,4'-DDE      | 6.193 | 5.371 | 176.8E6  | 1250.0E6 | 47.407  | 59.138   |
| 13)                         | MA Dieldrin     | 6.344 | 5.509 | 198.1E6  | 1277.1E6 | 46.896  | 59.021 # |
| 14)                         | MA Endrin       | 6.571 | 5.785 | 168.3E6  | 1149.8E6 | 47.035  | 57.707   |
| 15)                         | B Endosulfa...  | 6.783 | 6.076 | 166.4E6  | 1077.5E6 | 45.343  | 57.316 # |
| 16)                         | A 4,4'-DDD      | 6.703 | 5.925 | 138.3E6  | 1035.4E6 | 46.167  | 58.721 # |
| 17)                         | MA 4,4'-DDT     | 7.018 | 6.179 | 150.9E6  | 1049.2E6 | 44.905  | 57.106 # |
| 18)                         | B Endrin al...  | 6.912 | 6.255 | 126.9E6  | 804.6E6  | 50.833  | 62.275   |
| 19)                         | B Endosulfa...  | 7.147 | 6.478 | 149.5E6  | 1014.8E6 | 43.074  | 54.659 # |
| 20)                         | A Methoxychlor  | 7.490 | 6.750 | 77673401 | 530.8E6  | 43.442  | 54.185   |
| 21)                         | B Endrin ke...  | 7.627 | 6.987 | 167.5E6  | 1097.2E6 | 45.096  | 54.673   |
| 22)                         | Mirex           | 8.110 | 7.180 | 118.3E6  | 799.6E6  | 42.434  | 52.534   |
| -----                       |                 |       |       |          |          |         |          |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD081625\  
Data File : PD089921.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Aug 2025 17:10  
Operator : AR\AJ  
Sample : Q2832-02MSD  
Misc :  
ALS Vial : 17 Sample Multiplier: 1

## Instrument :

ECD\_D

## ClientSampleId :

TG-S01MSD

## 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 01:51:38 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

