

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD070225\  
 Data File : PD089282.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 01 Jul 2025 17:59  
 Operator : AR\AJ  
 Sample : Q2409-02MS  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 COP-SOIL-PILEMS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 07/02/2025  
 Supervised By :mohammad ahmed 07/04/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 02 01:49:15 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD061825.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 18 05:39:05 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... | 3.551 | 2.880 | 48423083 | 303.3E6  | 16.972  | 17.890m |
| 28)                         | SA Decachlor... | 9.073 | 8.072 | 77896242 | 389.5E6  | 19.833  | 19.701  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 4.000 | 3.392 | 275.5E6  | 1237.9E6 | 47.267  | 46.196m |
| 3)                          | MA gamma-BHC... | 4.329 | 3.728 | 267.7E6  | 1153.8E6 | 47.958m | 46.604m |
| 4)                          | MA Heptachlor   | 4.930 | 4.083 | 226.7E6  | 1016.0E6 | 41.575  | 40.579  |
| 5)                          | MB Aldrin       | 5.271 | 4.369 | 214.5E6  | 969.9E6  | 40.364  | 40.051  |
| 6)                          | B beta-BHC      | 4.516 | 4.026 | 102.2E6  | 499.3E6  | 46.310  | 46.462  |
| 7)                          | B delta-BHC     | 4.763 | 4.262 | 277.1E6  | 1176.4E6 | 53.990m | 47.297  |
| 8)                          | B Heptachlo...  | 5.691 | 4.872 | 226.1E6  | 1038.6E6 | 46.880  | 47.427  |
| 9)                          | A Endosulfan I  | 6.075 | 5.246 | 213.0E6  | 984.6E6  | 47.253  | 47.238  |
| 10)                         | B gamma-Chl...  | 5.946 | 5.125 | 224.5E6  | 1098.2E6 | 46.885  | 45.905  |
| 11)                         | B alpha-Chl...  | 6.027 | 5.190 | 224.6E6  | 1053.5E6 | 46.424  | 46.010  |
| 12)                         | B 4,4'-DDE      | 6.196 | 5.375 | 204.4E6  | 1054.8E6 | 46.865  | 46.027  |
| 13)                         | MA Dieldrin     | 6.347 | 5.512 | 230.1E6  | 1106.0E6 | 47.954  | 47.654  |
| 14)                         | MA Endrin       | 6.575 | 5.789 | 189.8E6  | 978.2E6  | 45.998  | 45.049  |
| 15)                         | B Endosulfa...  | 6.786 | 6.080 | 195.3E6  | 951.1E6  | 48.376  | 47.091  |
| 16)                         | A 4,4'-DDD      | 6.705 | 5.929 | 166.9E6  | 912.0E6  | 48.634  | 47.676  |
| 17)                         | MA 4,4'-DDT     | 7.021 | 6.183 | 165.5E6  | 848.8E6  | 43.682  | 41.853  |
| 18)                         | B Endrin al...  | 6.915 | 6.258 | 144.6E6  | 714.5E6  | 47.206  | 46.663  |
| 19)                         | B Endosulfa...  | 7.149 | 6.482 | 182.0E6  | 914.3E6  | 47.423  | 46.600  |
| 20)                         | A Methoxychlor  | 7.493 | 6.753 | 83086683 | 439.2E6  | 41.119  | 40.784  |
| 21)                         | B Endrin ke...  | 7.630 | 6.991 | 195.1E6  | 1008.4E6 | 47.908  | 46.682  |
| 22)                         | Mirex           | 8.114 | 7.185 | 140.7E6  | 738.6E6  | 46.267  | 44.285  |
| -----                       |                 |       |       |          |          |         |         |

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

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