

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD050925\  
 Data File : PD088443.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 09 May 2025 15:06  
 Operator : AR\AJ  
 Sample : PEM089  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM073

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 05/12/2025  
 Supervised By : mohammad ahmed 05/14/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 12 12:30:24 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD050925CLP.M  
 Quant Title : GC Extractables  
 QLast Update : Mon May 12 12:22:29 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 x 0.5 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 | 2.882 | 40273896 | 279.6E6  | 17.879  | 17.734  |
| 2) SA Decachlor...          | 9.077 | 8.076 | 71117485 | 355.7E6  | 18.831  | 18.698  |
| Target Compounds            |       |       |          |          |         |         |
| 2) A alpha-BHC              | 4.000 | 3.395 | 39172378 | 227.1E6  | 8.210   | 9.044   |
| 3) MA gamma-BHC...          | 4.331 | 3.731 | 38821302 | 212.1E6  | 8.444   | 9.191   |
| 6) B beta-BHC               | 4.516 | 4.027 | 16976049 | 95659650 | 8.901   | 9.319   |
| 14) MA Endrin               | 6.576 | 5.792 | 162.2E6  | 848.3E6  | 45.263  | 44.416  |
| 16) A 4,4'-DDD              | 6.705 | 5.933 | 829586   | 5596658  | 0.280m  | 0.322m  |
| 17) MA 4,4'-DDT             | 7.023 | 6.187 | 292.3E6  | 1526.4E6 | 93.344  | 86.554  |
| 18) B Endrin al...          | 6.918 | 6.259 | 306255   | 7493521  | 0.113m  | 0.533m# |
| 20) A Methoxychlor          | 7.496 | 6.758 | 364.8E6  | 1710.9E6 | 214.382 | 213.346 |
| 21) B Endrin ke...          | 7.632 | 6.993 | 1291358  | 9479146  | 0.356   | 0.493m# |
| -----                       |       |       |          |          |         |         |

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

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