

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD071625\  
 Data File : PD089495.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 16 Jul 2025 10:51  
 Operator : AR\AJ  
 Sample : PEM  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PEM

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 07/17/2025  
 Supervised By :mohammad ahmed 07/18/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 17 01:41:42 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... | 3.554 | 2.877 | 57381650 | 376.7E6  | 20.112  | 22.222m  |
| 28)                         | SA Decachlor... | 9.075 | 8.070 | 76778177 | 426.1E6  | 19.548  | 21.550   |
| Target Compounds            |                 |       |       |          |          |         |          |
| 2)                          | A alpha-BHC     | 4.003 | 3.391 | 54998288 | 317.9E6  | 9.435   | 11.863 # |
| 3)                          | MA gamma-BHC... | 4.334 | 3.728 | 54400363 | 284.5E6  | 9.746   | 11.493   |
| 6)                          | B beta-BHC      | 4.520 | 4.024 | 23388992 | 126.4E6  | 10.597  | 11.763   |
| 12)                         | B 4,4'-DDE      | 6.199 | 5.374 | 711810   | 4520018  | 0.163m  | 0.197    |
| 14)                         | MA Endrin       | 6.577 | 5.787 | 190.2E6  | 1023.6E6 | 46.100  | 47.140   |
| 16)                         | A 4,4'-DDD      | 6.708 | 5.927 | 18083177 | 121.4E6  | 5.269   | 6.344    |
| 17)                         | MA 4,4'-DDT     | 7.024 | 6.182 | 324.9E6  | 1796.0E6 | 85.757  | 88.563   |
| 18)                         | B Endrin al...  | 6.918 | 6.256 | 2543572  | 21372026 | 0.830   | 1.396 #  |
| 20)                         | A Methoxychlor  | 7.496 | 6.752 | 392.1E6  | 1796.6E6 | 194.044 | 166.845  |
| 21)                         | B Endrin ke...  | 7.632 | 6.988 | 10503945 | 82474027 | 2.579m  | 3.818 #  |
| -----                       |                 |       |       |          |          |         |          |

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

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