

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Data\PS052225\  
 Data File : PS030342.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 22 May 2025 13:39  
 Operator : AR\AJ  
 Sample : Q2080-06MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_S  
 ClientSampleId :  
 PL-HRH-COMP-01MSD

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 05/23/2025  
 Supervised By : mohammad ahmed 05/24/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 22 22:36:34 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_S\Method\PS051225.M  
 Quant Title : 8080.M  
 QLast Update : Mon May 12 14:29:24 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 |              |        |        |           |           |         |           |
| 4) S                        | 2,4-DCAA     | 6.930  | 7.446  | 1413.2E6  | 342.7E6   | 496.234 | 428.222m  |
| Target Compounds            |              |        |        |           |           |         |           |
| 1) T                        | Dalapon      | 2.442  | 2.514  | 1755.5E6  | 1560.4E6  | 357.143 | 768.249 # |
| 2) T                        | 3,5-DICHL... | 6.135  | 6.447  | 2008.2E6  | 526.1E6   | 481.512 | 451.301   |
| 3) T                        | 4-Nitroph... | 6.722  | 6.982  | 25688430  | 14773953  | 12.436  | 14.151    |
| 5) T                        | DICAMBA      | 7.105  | 7.631  | 4889.1E6  | 2075.4E6  | 423.026 | 438.968m  |
| 6) T                        | MCPD         | 7.283  | 7.738  | 355.1E6   | 66340132  | 48.753  | 36.059 #  |
| 7) T                        | MCPA         | 7.425  | 7.966  | 407.0E6   | 112.4E6   | 39.209  | 42.607    |
| 8) T                        | DICHLORPROP  | 7.784  | 8.323  | 1347.8E6  | 591.6E6   | 461.363 | 500.750   |
| 9) T                        | 2,4-D        | 8.004  | 8.634  | 1744.7E6  | 659.9E6   | 532.099 | 511.314   |
| 10) T                       | Pentachlo... | 8.281  | 9.134  | 19765.4E6 | 11506.1E6 | 488.024 | 466.116   |
| 11) T                       | 2,4,5-TP ... | 8.844  | 9.511  | 7883.8E6  | 4887.9E6  | 486.776 | 496.209   |
| 12) T                       | 2,4,5-T      | 9.126  | 9.915  | 7985.0E6  | 4319.6E6  | 483.493 | 469.342   |
| 13) T                       | 2,4-DB       | 9.685  | 10.473 | 1194.7E6  | 409.0E6   | 457.789 | 412.180m  |
| 14) T                       | DINOSEB      | 10.844 | 10.846 | 4444.5E6  | 2458.6E6  | 388.629 | 359.863   |
| 15) T                       | Picloram     | 10.664 | 11.879 | 8900.7E6  | 6256.9E6  | 416.172 | 444.598m  |
| 16) T                       | DCPA         | 11.145 | 11.876 | 9381.6E6  | 4923.9E6  | 471.164 | 364.447m  |
| -----                       |              |        |        |           |           |         |           |

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

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