

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091525\  
 Data File : PD090278.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 15 Sep 2025 17:34  
 Operator : AR\AJ  
 Sample : PB169551BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 PB169551BS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 09/16/2025  
 Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Sep 16 07:08:02 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Aug 19 13:16:54 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 | 2.876 | 59297318 | 536.0E6  | 20.205  | 24.307  |
| 28)                         | SA Decachlor... | 9.072 | 8.064 | 108.0E6  | 701.2E6  | 25.034  | 27.088  |
| Target Compounds            |                 |       |       |          |          |         |         |
| 2)                          | A alpha-BHC     | 4.000 | 3.388 | 277.4E6  | 1782.2E6 | 46.213m | 52.512  |
| 3)                          | MA gamma-BHC... | 4.330 | 3.724 | 263.1E6  | 1643.5E6 | 45.940m | 52.725  |
| 4)                          | MA Heptachlor   | 4.930 | 4.077 | 268.0E6  | 1644.0E6 | 47.773  | 52.708  |
| 5)                          | MB Aldrin       | 5.270 | 4.363 | 255.7E6  | 1624.4E6 | 47.216m | 53.337  |
| 6)                          | B beta-BHC      | 4.517 | 4.021 | 99874899 | 694.3E6  | 44.527m | 52.083  |
| 7)                          | B delta-BHC     | 4.767 | 4.257 | 261.6E6  | 1643.7E6 | 50.524  | 52.099  |
| 8)                          | B Heptachlo...  | 5.691 | 4.867 | 228.9E6  | 1485.4E6 | 46.651  | 53.636  |
| 9)                          | A Endosulfan I  | 6.075 | 5.242 | 219.8E6  | 1417.6E6 | 47.634  | 54.060  |
| 10)                         | B gamma-Chl...  | 5.947 | 5.120 | 229.5E6  | 1601.8E6 | 46.916  | 54.094  |
| 11)                         | B alpha-Chl...  | 6.027 | 5.185 | 232.2E6  | 1539.6E6 | 47.165  | 53.948  |
| 12)                         | B 4,4'-DDE      | 6.197 | 5.369 | 212.3E6  | 1562.5E6 | 48.371  | 54.211  |
| 13)                         | MA Dieldrin     | 6.346 | 5.507 | 235.6E6  | 1585.3E6 | 48.133m | 54.129  |
| 14)                         | MA Endrin       | 6.573 | 5.782 | 200.4E6  | 1424.3E6 | 48.375m | 53.479m |
| 15)                         | B Endosulfa...  | 6.788 | 6.075 | 190.1E6  | 1379.8E6 | 45.059  | 54.547  |
| 16)                         | A 4,4'-DDD      | 6.706 | 5.923 | 165.1E6  | 1319.0E6 | 47.730  | 54.859  |
| 17)                         | MA 4,4'-DDT     | 7.020 | 6.177 | 176.6E6  | 1407.5E6 | 46.361m | 56.143  |
| 18)                         | B Endrin al...  | 6.916 | 6.253 | 146.3E6  | 1023.2E6 | 51.027  | 59.419  |
| 19)                         | B Endosulfa...  | 7.149 | 6.476 | 187.3E6  | 1322.8E6 | 47.796m | 54.258  |
| 20)                         | A Methoxychlor  | 7.494 | 6.747 | 95556974 | 700.8E6  | 47.645  | 54.341  |
| 21)                         | B Endrin ke...  | 7.631 | 6.985 | 203.5E6  | 1464.5E6 | 49.102  | 54.964  |
| 22)                         | Mirex           | 8.114 | 7.178 | 148.8E6  | 1119.9E6 | 47.171  | 54.218  |
| -----                       |                 |       |       |          |          |         |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD091525\  
Data File : PD090278.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 15 Sep 2025 17:34  
Operator : AR\AJ  
Sample : PB169551BS  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

## Instrument :

ECD\_D

ClientSampleId :

PB169551BS

## Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 09/16/2025

Supervised By :mohammad ahmed 09/17/2025

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Sep 16 07:08:02 2025  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD081825.M  
Quant Title : GC Extractables  
QLast Update : Tue Aug 19 13:16:54 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

