

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL041422\  
 Data File : PL074078.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Apr 2022 22:59  
 Operator : AR\AJ  
 Sample : N2349-13MS 10X  
 Misc :  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 DEL-7

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 04/15/2022  
 Supervised By :mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 15 02:19:22 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL040822.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 14 09:29:23 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1  
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

|                             | Compound        | RT#1   | RT#2    | Resp#1   | Resp#2   | ng/ml    | ng/ml     |
|-----------------------------|-----------------|--------|---------|----------|----------|----------|-----------|
| -----                       |                 |        |         |          |          |          |           |
| System Monitoring Compounds |                 |        |         |          |          |          |           |
| 1)                          | SA Tetrachlo... | 4.636  | 5.490   | 440261   | 1747328  | 1.363m   | 0.980 #   |
| 28)                         | SA Decachlor... | 10.404 | 11.402f | 3119516  | 131.2E6  | 5.999    | 74.257m#  |
| Target Compounds            |                 |        |         |          |          |          |           |
| 2)                          | A alpha-BHC     | 5.345  | 6.053   | 2067031  | 9447243  | 4.925    | 3.752     |
| 3)                          | MA gamma-BHC... | 5.769  | 6.443   | 2094415  | 9285412  | 4.994    | 3.923     |
| 4)                          | MA Heptachlor   | 6.180  | 7.102   | 1895759  | 9288532  | 4.209    | 3.561     |
| 5)                          | MB Aldrin       | 6.501  | 7.468   | 8553526  | 8215245  | 20.608   | 3.498m#   |
| 6)                          | B beta-BHC      | 6.148  | 6.680   | 506713   | 5857128  | 2.480m   | 5.197 #   |
| 7)                          | B delta-BHC     | 6.411  | 6.948   | 2248143  | 10567027 | 5.435    | 4.327     |
| 8)                          | B Heptachlo...  | 7.082  | 7.924   | 1997316  | 78296568 | 4.656    | 34.774m#  |
| 9)                          | A Endosulfan I  | 7.487  | 8.322   | 1646867  | 10849601 | 4.016    | 5.511 #   |
| 10)                         | B gamma-Chl...  | 7.345f | 8.170f  | 29132621 | 156.0E6  | 66.423   | 69.933    |
| 11)                         | B alpha-Chl...  | 7.422  | 8.278   | 7835471  | 7256939  | 17.736   | 3.371 #   |
| 12)                         | B 4,4'-DDE      | 7.643  | 8.456   | 1563887  | 90484141 | 4.287m   | 45.431m#  |
| 13)                         | MA Dieldrin     | 7.780  | 8.613   | 38185930 | 21052941 | 88.893m  | 10.499m#  |
| 14)                         | MA Endrin       | 8.079  | 8.850   | 6824680  | 190.5E6  | 16.800m  | 112.475m# |
| 15)                         | B Endosulfa...  | 8.368  | 9.071   | 26557343 | 8391124  | 64.435   | 4.830 #   |
| 16)                         | A 4,4'-DDD      | 8.228  | 9.000   | 1333612  | 121.6E6  | 4.130m   | 79.028m#  |
| 17)                         | MA 4,4'-DDT     | 8.483  | 9.312   | 51630839 | 76905539 | 139.679m | 43.384m#  |
| 18)                         | B Endrin al...  | 8.547f | 9.214   | 7148080  | 13939003 | 22.092   | 10.792m#  |
| 19)                         | B Endosulfa...  | 8.794  | 9.424f  | 2798327  | 5141410  | 6.553m   | 3.089m#   |
| 20)                         | A Methoxychlor  | 9.076  | 9.723f  | 1830342  | 22577713 | 7.372m   | 23.473m#  |
| 21)                         | B Endrin ke...  | 9.312  | 9.902f  | 1218690  | 109.9E6  | 2.494m   | 63.474m#  |
| 22)                         | Mirex           | 9.497  | 10.396  | 5105348  | 21997702 | 10.946m  | 15.970m#  |
| -----                       |                 |        |         |          |          |          |           |

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

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