

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB031419\  
 Data File : FB020210.D  
 Signal(s) : FID2B.CH  
 Acq On : 14 Mar 2019 16:47  
 Sample : K1921-03  
 Misc : 5.00g/5.00ml DI WATER  
 ALS Vial : 15 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB031119.M  
 Title :

Signal : FID2B.CH

| peak<br># | R.T.<br>min | Start<br>min | End<br>min | PK<br>TY | peak<br>height | peak<br>area | peak<br>% max. | % of<br>total |
|-----------|-------------|--------------|------------|----------|----------------|--------------|----------------|---------------|
| 1         | 4.888       | 4.804        | 4.939      | PV       | 136            | 6622         | 1.42%          | 0.506%        |
| 2         | 4.955       | 4.939        | 4.983      | PV       | 74             | 641          | 0.14%          | 0.049%        |
| 3         | 5.099       | 4.983        | 5.205      | PV       | 1320           | 78076        | 16.72%         | 5.967%        |
| 4         | 5.213       | 5.205        | 5.267      | VV       | 168            | 5146         | 1.10%          | 0.393%        |
| 5         | 5.275       | 5.267        | 5.305      | VV       | 112            | 2153         | 0.46%          | 0.165%        |
| 6         | 5.313       | 5.305        | 5.331      | VV       | 94             | 1261         | 0.27%          | 0.096%        |
| 7         | 5.346       | 5.331        | 5.356      | VV       | 88             | 1110         | 0.24%          | 0.085%        |
| 8         | 5.362       | 5.356        | 5.375      | VV       | 60             | 605          | 0.13%          | 0.046%        |
| 9         | 5.387       | 5.375        | 5.451      | VV       | 82             | 2659         | 0.57%          | 0.203%        |
| 10        | 5.576       | 5.451        | 5.754      | VV       | 1741           | 110470       | 23.65%         | 8.443%        |
| 11        | 5.779       | 5.754        | 5.790      | PV       | 38             | 590          | 0.13%          | 0.045%        |
| 12        | 5.851       | 5.790        | 5.867      | VV       | 117            | 3479         | 0.74%          | 0.266%        |
| 13        | 5.887       | 5.867        | 5.896      | VV       | 140            | 1999         | 0.43%          | 0.153%        |
| 14        | 5.909       | 5.896        | 5.962      | VV       | 126            | 3740         | 0.80%          | 0.286%        |
| 15        | 5.978       | 5.962        | 5.993      | VV       | 74             | 1201         | 0.26%          | 0.092%        |
| 16        | 5.999       | 5.993        | 6.007      | VV       | 70             | 526          | 0.11%          | 0.040%        |
| 17        | 6.019       | 6.007        | 6.029      | VV       | 74             | 897          | 0.19%          | 0.069%        |
| 18        | 6.046       | 6.029        | 6.054      | VV       | 94             | 1023         | 0.22%          | 0.078%        |
| 19        | 6.073       | 6.054        | 6.085      | VV       | 105            | 1714         | 0.37%          | 0.131%        |
| 20        | 6.178       | 6.085        | 6.249      | VV       | 257            | 18386        | 3.94%          | 1.405%        |
| 21        | 6.259       | 6.249        | 6.308      | VV       | 146            | 4144         | 0.89%          | 0.317%        |
| 22        | 6.315       | 6.308        | 6.331      | VV       | 103            | 1290         | 0.28%          | 0.099%        |
| 23        | 6.343       | 6.331        | 6.384      | VV       | 89             | 2572         | 0.55%          | 0.197%        |
| 24        | 6.401       | 6.384        | 6.441      | VV       | 84             | 2427         | 0.52%          | 0.185%        |
| 25        | 6.526       | 6.441        | 6.536      | VV       | 164            | 6069         | 1.30%          | 0.464%        |
| 26        | 6.544       | 6.536        | 6.558      | VV       | 147            | 1751         | 0.37%          | 0.134%        |
| 27        | 6.568       | 6.558        | 6.607      | VV       | 132            | 3170         | 0.68%          | 0.242%        |
| 28        | 6.615       | 6.607        | 6.627      | VV       | 99             | 979          | 0.21%          | 0.075%        |
| 29        | 6.635       | 6.627        | 6.644      | VV       | 76             | 645          | 0.14%          | 0.049%        |
| 30        | 6.659       | 6.644        | 6.672      | VV       | 65             | 946          | 0.20%          | 0.072%        |
| 31        | 6.680       | 6.672        | 6.716      | VV       | 60             | 1282         | 0.27%          | 0.098%        |
| 32        | 6.737       | 6.716        | 6.770      | VV       | 51             | 1314         | 0.28%          | 0.100%        |
| 33        | 6.800       | 6.770        | 6.840      | VV       | 85             | 1961         | 0.42%          | 0.150%        |
| 34        | 6.850       | 6.840        | 6.863      | VV       | 39             | 361          | 0.08%          | 0.028%        |
| 35        | 6.937       | 6.863        | 6.944      | VV       | 74             | 2308         | 0.49%          | 0.176%        |
| 36        | 6.951       | 6.944        | 6.979      | VV       | 77             | 1114         | 0.24%          | 0.085%        |

|    |        |        |        |    |        |        |         |         |
|----|--------|--------|--------|----|--------|--------|---------|---------|
|    |        |        |        |    | rteres |        |         |         |
| 37 | 6.993  | 6.979  | 7.017  | VV | 43     | 732    | 0.16%   | 0.056%  |
| 38 | 7.064  | 7.017  | 7.076  | VV | 77     | 1866   | 0.40%   | 0.143%  |
| 39 | 7.137  | 7.076  | 7.182  | VV | 172    | 7906   | 1.69%   | 0.604%  |
| 40 | 7.194  | 7.182  | 7.211  | VV | 141    | 2277   | 0.49%   | 0.174%  |
| 41 | 7.296  | 7.211  | 7.311  | VV | 398    | 16837  | 3.60%   | 1.287%  |
| 42 | 7.319  | 7.311  | 7.511  | VV | 395    | 22489  | 4.81%   | 1.719%  |
| 43 | 7.668  | 7.511  | 7.818  | VV | 587    | 52094  | 11.15%  | 3.981%  |
| 44 | 7.881  | 7.818  | 7.890  | VV | 71     | 2229   | 0.48%   | 0.170%  |
| 45 | 7.916  | 7.890  | 7.924  | VV | 76     | 1329   | 0.28%   | 0.102%  |
| 46 | 8.002  | 7.924  | 8.022  | VV | 172    | 7513   | 1.61%   | 0.574%  |
| 47 | 8.028  | 8.022  | 8.062  | VV | 147    | 2710   | 0.58%   | 0.207%  |
| 48 | 8.069  | 8.062  | 8.076  | VV | 89     | 681    | 0.15%   | 0.052%  |
| 49 | 8.128  | 8.076  | 8.204  | VV | 191    | 9926   | 2.13%   | 0.759%  |
| 50 | 8.210  | 8.204  | 8.229  | VV | 72     | 919    | 0.20%   | 0.070%  |
| 51 | 8.245  | 8.229  | 8.255  | VV | 74     | 956    | 0.20%   | 0.073%  |
| 52 | 8.283  | 8.255  | 8.325  | VV | 88     | 2703   | 0.58%   | 0.207%  |
| 53 | 8.336  | 8.325  | 8.346  | VV | 80     | 810    | 0.17%   | 0.062%  |
| 54 | 8.359  | 8.346  | 8.395  | VV | 83     | 1622   | 0.35%   | 0.124%  |
| 55 | 8.413  | 8.395  | 8.428  | VV | 47     | 747    | 0.16%   | 0.057%  |
| 56 | 8.460  | 8.428  | 8.473  | VV | 79     | 1465   | 0.31%   | 0.112%  |
| 57 | 8.493  | 8.473  | 8.503  | VV | 81     | 1257   | 0.27%   | 0.096%  |
| 58 | 8.511  | 8.503  | 8.551  | VV | 86     | 1867   | 0.40%   | 0.143%  |
| 59 | 8.563  | 8.551  | 8.585  | VV | 75     | 910    | 0.19%   | 0.070%  |
| 60 | 8.612  | 8.585  | 8.628  | VV | 46     | 881    | 0.19%   | 0.067%  |
| 61 | 8.704  | 8.628  | 8.716  | VV | 158    | 5000   | 1.07%   | 0.382%  |
| 62 | 8.775  | 8.716  | 8.785  | VV | 166    | 5709   | 1.22%   | 0.436%  |
| 63 | 8.793  | 8.785  | 8.801  | VV | 160    | 1511   | 0.32%   | 0.115%  |
| 64 | 8.827  | 8.801  | 8.916  | VV | 169    | 8333   | 1.78%   | 0.637%  |
| 65 | 9.043  | 8.916  | 9.184  | VV | 8417   | 467067 | 100.00% | 35.696% |
| 66 | 9.193  | 9.184  | 9.208  | VV | 86     | 1010   | 0.22%   | 0.077%  |
| 67 | 9.217  | 9.208  | 9.227  | VV | 66     | 676    | 0.14%   | 0.052%  |
| 68 | 9.237  | 9.227  | 9.252  | VV | 98     | 1199   | 0.26%   | 0.092%  |
| 69 | 9.271  | 9.252  | 9.283  | VV | 110    | 1590   | 0.34%   | 0.122%  |
| 70 | 9.302  | 9.283  | 9.314  | VV | 125    | 1757   | 0.38%   | 0.134%  |
| 71 | 9.425  | 9.314  | 9.529  | VV | 601    | 45446  | 9.73%   | 3.473%  |
| 72 | 9.644  | 9.529  | 9.792  | VV | 1059   | 85352  | 18.27%  | 6.523%  |
| 73 | 9.806  | 9.792  | 9.817  | VV | 81     | 1132   | 0.24%   | 0.087%  |
| 74 | 9.825  | 9.817  | 9.834  | VV | 82     | 704    | 0.15%   | 0.054%  |
| 75 | 9.893  | 9.834  | 9.901  | VV | 188    | 5285   | 1.13%   | 0.404%  |
| 76 | 9.934  | 9.901  | 9.951  | VV | 225    | 6222   | 1.33%   | 0.476%  |
| 77 | 10.015 | 9.951  | 10.154 | VV | 496    | 34953  | 7.48%   | 2.671%  |
| 78 | 10.178 | 10.154 | 10.195 | VV | 63     | 1223   | 0.26%   | 0.094%  |
| 79 | 10.210 | 10.195 | 10.227 | VV | 106    | 1463   | 0.31%   | 0.112%  |
| 80 | 10.251 | 10.227 | 10.291 | VV | 76     | 2029   | 0.43%   | 0.155%  |
| 81 | 10.332 | 10.291 | 10.350 | VV | 47     | 810    | 0.17%   | 0.062%  |
| 82 | 10.362 | 10.350 | 10.371 | VV | 44     | 367    | 0.08%   | 0.028%  |
| 83 | 10.404 | 10.371 | 10.418 | VV | 59     | 1120   | 0.24%   | 0.086%  |
| 84 | 10.428 | 10.418 | 10.435 | VV | 65     | 583    | 0.12%   | 0.045%  |
| 85 | 10.448 | 10.435 | 10.459 | VV | 70     | 834    | 0.18%   | 0.064%  |
| 86 | 10.466 | 10.459 | 10.480 | VV | 71     | 677    | 0.15%   | 0.052%  |
| 87 | 10.587 | 10.480 | 10.625 | VV | 129    | 8500   | 1.82%   | 0.650%  |
| 88 | 10.643 | 10.625 | 10.658 | VV | 103    | 1732   | 0.37%   | 0.132%  |
| 89 | 10.728 | 10.658 | 10.736 | VV | 102    | 3847   | 0.82%   | 0.294%  |

|     |        |        |        |    |        |       |       |        |
|-----|--------|--------|--------|----|--------|-------|-------|--------|
|     |        |        |        |    | rteres |       |       |        |
| 90  | 10.745 | 10.736 | 10.757 | VV | 87     | 1012  | 0.22% | 0.077% |
| 91  | 10.770 | 10.757 | 10.813 | VV | 86     | 2410  | 0.52% | 0.184% |
| 92  | 10.900 | 10.813 | 11.034 | VV | 307    | 22514 | 4.82% | 1.721% |
| 93  | 11.068 | 11.034 | 11.096 | VV | 121    | 3662  | 0.78% | 0.280% |
| 94  | 11.110 | 11.096 | 11.121 | VV | 89     | 1090  | 0.23% | 0.083% |
| 95  | 11.128 | 11.121 | 11.141 | VV | 73     | 753   | 0.16% | 0.058% |
| 96  | 11.150 | 11.141 | 11.159 | VV | 65     | 591   | 0.13% | 0.045% |
| 97  | 11.172 | 11.159 | 11.184 | VV | 57     | 755   | 0.16% | 0.058% |
| 98  | 11.192 | 11.184 | 11.225 | VV | 79     | 1539  | 0.33% | 0.118% |
| 99  | 11.232 | 11.225 | 11.256 | VV | 72     | 1021  | 0.22% | 0.078% |
| 100 | 11.260 | 11.256 | 11.267 | VV | 58     | 338   | 0.07% | 0.026% |
| 101 | 11.276 | 11.267 | 11.297 | VV | 66     | 863   | 0.18% | 0.066% |
| 102 | 11.335 | 11.297 | 11.365 | VV | 70     | 2010  | 0.43% | 0.154% |
| 103 | 11.379 | 11.365 | 11.387 | VV | 76     | 853   | 0.18% | 0.065% |
| 104 | 11.407 | 11.387 | 11.437 | VV | 82     | 1914  | 0.41% | 0.146% |
| 105 | 11.465 | 11.437 | 11.476 | VV | 66     | 1071  | 0.23% | 0.082% |
| 106 | 11.488 | 11.476 | 11.523 | VV | 65     | 1387  | 0.30% | 0.106% |
| 107 | 11.547 | 11.523 | 11.568 | VV | 65     | 1415  | 0.30% | 0.108% |
| 108 | 11.595 | 11.568 | 11.633 | VV | 72     | 1815  | 0.39% | 0.139% |
| 109 | 11.645 | 11.633 | 11.665 | VV | 75     | 954   | 0.20% | 0.073% |
| 110 | 11.700 | 11.665 | 11.730 | VV | 92     | 2532  | 0.54% | 0.193% |
| 111 | 11.758 | 11.730 | 11.777 | VV | 65     | 1549  | 0.33% | 0.118% |
| 112 | 11.784 | 11.777 | 11.837 | VV | 54     | 1474  | 0.32% | 0.113% |
| 113 | 11.849 | 11.837 | 11.860 | VV | 63     | 645   | 0.14% | 0.049% |
| 114 | 11.871 | 11.860 | 11.915 | VV | 79     | 1757  | 0.38% | 0.134% |
| 115 | 11.930 | 11.915 | 11.939 | VV | 77     | 837   | 0.18% | 0.064% |
| 116 | 11.956 | 11.939 | 11.966 | VV | 68     | 880   | 0.19% | 0.067% |
| 117 | 12.041 | 11.966 | 12.058 | VV | 94     | 3644  | 0.78% | 0.278% |
| 118 | 12.065 | 12.058 | 12.099 | VV | 78     | 1492  | 0.32% | 0.114% |
| 119 | 12.113 | 12.099 | 12.121 | VV | 74     | 843   | 0.18% | 0.064% |
| 120 | 12.138 | 12.121 | 12.154 | VV | 93     | 1548  | 0.33% | 0.118% |
| 121 | 12.175 | 12.154 | 12.222 | VV | 92     | 2768  | 0.59% | 0.212% |
| 122 | 12.261 | 12.222 | 12.289 | VV | 73     | 1972  | 0.42% | 0.151% |
| 123 | 12.292 | 12.289 | 12.314 | VV | 60     | 734   | 0.16% | 0.056% |
| 124 | 12.332 | 12.314 | 12.353 | VV | 76     | 1325  | 0.28% | 0.101% |
| 125 | 12.405 | 12.353 | 12.428 | VV | 107    | 3565  | 0.76% | 0.272% |
| 126 | 12.450 | 12.428 | 12.492 | VV | 87     | 2677  | 0.57% | 0.205% |
| 127 | 12.523 | 12.492 | 12.545 | VV | 86     | 2075  | 0.44% | 0.159% |
| 128 | 12.557 | 12.545 | 12.565 | VV | 84     | 916   | 0.20% | 0.070% |
| 129 | 12.582 | 12.565 | 12.603 | VV | 114    | 2078  | 0.44% | 0.159% |
| 130 | 12.622 | 12.603 | 12.635 | VV | 125    | 2103  | 0.45% | 0.161% |
| 131 | 12.642 | 12.635 | 12.702 | VV | 107    | 3112  | 0.67% | 0.238% |
| 132 | 12.740 | 12.702 | 12.759 | VV | 65     | 1382  | 0.30% | 0.106% |
| 133 | 12.763 | 12.759 | 12.768 | VV | 40     | 179   | 0.04% | 0.014% |
| 134 | 12.776 | 12.768 | 12.787 | VV | 45     | 393   | 0.08% | 0.030% |
| 135 | 12.829 | 12.787 | 12.837 | VV | 57     | 1321  | 0.28% | 0.101% |
| 136 | 12.844 | 12.837 | 12.848 | VV | 52     | 301   | 0.06% | 0.023% |
| 137 | 12.855 | 12.848 | 12.866 | VV | 51     | 468   | 0.10% | 0.036% |
| 138 | 12.879 | 12.866 | 12.893 | VV | 52     | 710   | 0.15% | 0.054% |
| 139 | 12.902 | 12.893 | 12.929 | VV | 55     | 890   | 0.19% | 0.068% |
| 140 | 12.946 | 12.929 | 12.955 | VV | 54     | 708   | 0.15% | 0.054% |
| 141 | 12.959 | 12.955 | 12.965 | VV | 51     | 287   | 0.06% | 0.022% |

|     |        |        |        |    | rteres |       |       |        |
|-----|--------|--------|--------|----|--------|-------|-------|--------|
| 142 | 13.016 | 12.965 | 13.051 | VV | 97     | 3701  | 0.79% | 0.283% |
| 143 | 13.060 | 13.051 | 13.149 | VV | 70     | 3069  | 0.66% | 0.235% |
| 144 | 13.158 | 13.149 | 13.169 | VV | 60     | 642   | 0.14% | 0.049% |
| 145 | 13.177 | 13.169 | 13.202 | VV | 54     | 957   | 0.20% | 0.073% |
|     |        |        |        |    |        |       |       |        |
| 146 | 13.221 | 13.202 | 13.238 | VV | 56     | 934   | 0.20% | 0.071% |
| 147 | 13.277 | 13.238 | 13.285 | VV | 61     | 1154  | 0.25% | 0.088% |
| 148 | 13.294 | 13.285 | 13.304 | VV | 71     | 666   | 0.14% | 0.051% |
| 149 | 13.316 | 13.304 | 13.331 | VV | 72     | 954   | 0.20% | 0.073% |
| 150 | 13.356 | 13.331 | 13.364 | VV | 77     | 1232  | 0.26% | 0.094% |
|     |        |        |        |    |        |       |       |        |
| 151 | 13.381 | 13.364 | 13.391 | VV | 76     | 961   | 0.21% | 0.073% |
| 152 | 13.401 | 13.391 | 13.412 | VV | 64     | 634   | 0.14% | 0.048% |
| 153 | 13.426 | 13.412 | 13.435 | VV | 66     | 837   | 0.18% | 0.064% |
| 154 | 13.488 | 13.435 | 13.539 | VV | 84     | 4035  | 0.86% | 0.308% |
| 155 | 13.555 | 13.539 | 13.617 | VV | 61     | 2212  | 0.47% | 0.169% |
|     |        |        |        |    |        |       |       |        |
| 156 | 13.632 | 13.617 | 13.690 | VV | 63     | 1962  | 0.42% | 0.150% |
| 157 | 13.724 | 13.690 | 13.747 | VV | 67     | 1364  | 0.29% | 0.104% |
| 158 | 13.797 | 13.747 | 13.811 | VV | 62     | 1791  | 0.38% | 0.137% |
| 159 | 13.832 | 13.811 | 13.851 | VV | 74     | 1382  | 0.30% | 0.106% |
| 160 | 13.865 | 13.851 | 13.903 | VV | 69     | 1563  | 0.33% | 0.119% |
|     |        |        |        |    |        |       |       |        |
| 161 | 13.922 | 13.903 | 13.945 | VV | 82     | 1247  | 0.27% | 0.095% |
| 162 | 13.964 | 13.945 | 13.984 | VV | 56     | 1023  | 0.22% | 0.078% |
| 163 | 14.056 | 13.984 | 14.123 | PV | 68     | 3655  | 0.78% | 0.279% |
| 164 | 14.147 | 14.123 | 14.170 | VV | 91     | 1832  | 0.39% | 0.140% |
| 165 | 14.223 | 14.170 | 14.265 | VV | 67     | 3200  | 0.69% | 0.245% |
|     |        |        |        |    |        |       |       |        |
| 166 | 14.310 | 14.265 | 14.321 | VV | 70     | 2076  | 0.44% | 0.159% |
| 167 | 14.408 | 14.321 | 14.604 | VV | 137    | 12519 | 2.68% | 0.957% |
| 168 | 14.608 | 14.604 | 14.641 | VV | 40     | 780   | 0.17% | 0.060% |
| 169 | 14.667 | 14.641 | 14.763 | VV | 53     | 2989  | 0.64% | 0.228% |
| 170 | 14.799 | 14.763 | 14.830 | VV | 55     | 1314  | 0.28% | 0.100% |
|     |        |        |        |    |        |       |       |        |
| 171 | 14.895 | 14.830 | 14.911 | VV | 53     | 1721  | 0.37% | 0.132% |
| 172 | 14.932 | 14.911 | 14.958 | VV | 43     | 1006  | 0.22% | 0.077% |
| 173 | 14.985 | 14.958 | 15.025 | VV | 43     | 1215  | 0.26% | 0.093% |
| 174 | 15.039 | 15.025 | 15.100 | VV | 70     | 2236  | 0.48% | 0.171% |
| 175 | 15.115 | 15.100 | 15.158 | VV | 38     | 940   | 0.20% | 0.072% |
|     |        |        |        |    |        |       |       |        |
| 176 | 15.172 | 15.158 | 15.189 | VV | 32     | 305   | 0.07% | 0.023% |
| 177 | 15.229 | 15.189 | 15.259 | VV | 35     | 802   | 0.17% | 0.061% |
| 178 | 15.360 | 15.259 | 15.428 | VV | 61     | 4213  | 0.90% | 0.322% |
| 179 | 15.443 | 15.428 | 15.507 | VV | 41     | 1711  | 0.37% | 0.131% |
| 180 | 15.520 | 15.507 | 15.559 | VV | 38     | 986   | 0.21% | 0.075% |
|     |        |        |        |    |        |       |       |        |
| 181 | 15.570 | 15.559 | 15.584 | VV | 34     | 441   | 0.09% | 0.034% |
| 182 | 15.600 | 15.584 | 15.621 | VV | 58     | 710   | 0.15% | 0.054% |
| 183 | 15.793 | 15.621 | 15.879 | VV | 77     | 7145  | 1.53% | 0.546% |
| 184 | 15.905 | 15.879 | 15.918 | VV | 46     | 949   | 0.20% | 0.073% |
| 185 | 15.937 | 15.918 | 15.978 | VV | 54     | 1457  | 0.31% | 0.111% |
|     |        |        |        |    |        |       |       |        |
| 186 | 16.001 | 15.978 | 16.022 | VV | 59     | 729   | 0.16% | 0.056% |
| 187 | 16.095 | 16.022 | 16.172 | PV | 41     | 896   | 0.19% | 0.068% |
| 188 | 16.225 | 16.172 | 16.241 | VV | 62     | 1530  | 0.33% | 0.117% |
| 189 | 16.253 | 16.241 | 16.368 | VV | 89     | 3436  | 0.74% | 0.263% |
| 190 | 16.509 | 16.368 | 16.556 | PV | 74     | 3994  | 0.86% | 0.305% |
|     |        |        |        |    |        |       |       |        |
| 191 | 16.571 | 16.556 | 16.615 | VV | 57     | 1302  | 0.28% | 0.099% |
| 192 | 16.654 | 16.615 | 16.673 | PV | 44     | 900   | 0.19% | 0.069% |
| 193 | 16.684 | 16.673 | 16.717 | VV | 29     | 532   | 0.11% | 0.041% |

Sum of corrected areas: 1308473

rteres

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