

rteres

## Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB032119\  
 Data File : FB020334.D  
 Signal(s) : FID2B.CH  
 Acq On : 21 Mar 2019 9:46  
 Sample : K1690-01  
 Misc : 5.04g/5.00ml DI WATER  
 ALS Vial : 4 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         | 4.818       | 4.804        | 4.852      | BV       | 6              | 124          | 0.03%          | 0.011%        |
| 2         | 4.889       | 4.852        | 4.907      | VV       | 44             | 978          | 0.21%          | 0.090%        |
| 3         | 4.922       | 4.907        | 4.946      | VV       | 45             | 613          | 0.13%          | 0.057%        |
| 4         | 4.957       | 4.946        | 4.975      | VV       | 39             | 426          | 0.09%          | 0.039%        |
| 5         | 5.092       | 4.975        | 5.270      | PV       | 2686           | 149518       | 31.63%         | 13.781%       |
| 6         | 5.278       | 5.270        | 5.299      | VV       | 40             | 460          | 0.10%          | 0.042%        |
| 7         | 5.332       | 5.299        | 5.347      | VV       | 42             | 864          | 0.18%          | 0.080%        |
| 8         | 5.355       | 5.347        | 5.383      | VV       | 33             | 527          | 0.11%          | 0.049%        |
| 9         | 5.415       | 5.383        | 5.433      | VV       | 36             | 767          | 0.16%          | 0.071%        |
| 10        | 5.440       | 5.433        | 5.446      | VV       | 34             | 213          | 0.05%          | 0.020%        |
| 11        | 5.577       | 5.446        | 5.734      | VV       | 1475           | 92061        | 19.47%         | 8.485%        |
| 12        | 5.742       | 5.734        | 5.764      | VV       | 32             | 438          | 0.09%          | 0.040%        |
| 13        | 5.774       | 5.764        | 5.809      | VV       | 38             | 669          | 0.14%          | 0.062%        |
| 14        | 5.828       | 5.809        | 5.837      | VV       | 33             | 445          | 0.09%          | 0.041%        |
| 15        | 5.846       | 5.837        | 5.874      | VV       | 34             | 556          | 0.12%          | 0.051%        |
| 16        | 5.883       | 5.874        | 5.897      | VV       | 31             | 288          | 0.06%          | 0.027%        |
| 17        | 5.905       | 5.897        | 5.914      | VV       | 40             | 267          | 0.06%          | 0.025%        |
| 18        | 5.926       | 5.914        | 5.937      | VV       | 31             | 323          | 0.07%          | 0.030%        |
| 19        | 5.942       | 5.937        | 5.959      | VV       | 26             | 254          | 0.05%          | 0.023%        |
| 20        | 5.967       | 5.959        | 6.008      | VV       | 37             | 568          | 0.12%          | 0.052%        |
| 21        | 6.018       | 6.008        | 6.025      | VV       | 32             | 187          | 0.04%          | 0.017%        |
| 22        | 6.041       | 6.025        | 6.055      | VV       | 34             | 471          | 0.10%          | 0.043%        |
| 23        | 6.063       | 6.055        | 6.071      | VV       | 38             | 222          | 0.05%          | 0.021%        |
| 24        | 6.080       | 6.071        | 6.109      | VV       | 29             | 511          | 0.11%          | 0.047%        |
| 25        | 6.119       | 6.109        | 6.136      | VV       | 41             | 454          | 0.10%          | 0.042%        |
| 26        | 6.144       | 6.136        | 6.170      | VV       | 32             | 443          | 0.09%          | 0.041%        |
| 27        | 6.182       | 6.170        | 6.209      | VV       | 35             | 520          | 0.11%          | 0.048%        |
| 28        | 6.230       | 6.209        | 6.246      | VV       | 56             | 590          | 0.12%          | 0.054%        |
| 29        | 6.254       | 6.246        | 6.267      | PV       | 20             | 168          | 0.04%          | 0.015%        |
| 30        | 6.302       | 6.267        | 6.316      | VV       | 60             | 1053         | 0.22%          | 0.097%        |
| 31        | 6.324       | 6.316        | 6.341      | VV       | 45             | 505          | 0.11%          | 0.046%        |
| 32        | 6.350       | 6.341        | 6.371      | VV       | 46             | 684          | 0.14%          | 0.063%        |
| 33        | 6.381       | 6.371        | 6.386      | VV       | 43             | 312          | 0.07%          | 0.029%        |
| 34        | 6.420       | 6.386        | 6.459      | VV       | 68             | 1891         | 0.40%          | 0.174%        |
| 35        | 6.469       | 6.459        | 6.477      | VV       | 42             | 338          | 0.07%          | 0.031%        |
| 36        | 6.529       | 6.477        | 6.576      | VV       | 53             | 2587         | 0.55%          | 0.238%        |

|    |       |       |       |    |        |      |       |        |
|----|-------|-------|-------|----|--------|------|-------|--------|
|    |       |       |       |    | rteres |      |       |        |
| 37 | 6.588 | 6.576 | 6.620 | VV | 51     | 1050 | 0.22% | 0.097% |
| 38 | 6.628 | 6.620 | 6.650 | VV | 59     | 737  | 0.16% | 0.068% |
| 39 | 6.659 | 6.650 | 6.694 | VV | 45     | 851  | 0.18% | 0.078% |
| 40 | 6.699 | 6.694 | 6.725 | VV | 44     | 477  | 0.10% | 0.044% |
| 41 | 6.736 | 6.725 | 6.750 | VV | 38     | 420  | 0.09% | 0.039% |
| 42 | 6.755 | 6.750 | 6.761 | VV | 35     | 187  | 0.04% | 0.017% |
| 43 | 6.770 | 6.761 | 6.785 | VV | 38     | 424  | 0.09% | 0.039% |
| 44 | 6.810 | 6.785 | 6.819 | VV | 38     | 629  | 0.13% | 0.058% |
| 45 | 6.827 | 6.819 | 6.867 | VV | 45     | 642  | 0.14% | 0.059% |
| 46 | 6.880 | 6.867 | 6.891 | VV | 32     | 337  | 0.07% | 0.031% |
| 47 | 6.914 | 6.891 | 6.939 | VV | 58     | 912  | 0.19% | 0.084% |
| 48 | 6.953 | 6.939 | 6.964 | VV | 32     | 386  | 0.08% | 0.036% |
| 49 | 6.968 | 6.964 | 6.973 | VV | 28     | 138  | 0.03% | 0.013% |
| 50 | 6.986 | 6.973 | 6.995 | VV | 32     | 339  | 0.07% | 0.031% |
| 51 | 7.017 | 6.995 | 7.033 | VV | 54     | 813  | 0.17% | 0.075% |
| 52 | 7.043 | 7.033 | 7.054 | VV | 37     | 285  | 0.06% | 0.026% |
| 53 | 7.076 | 7.054 | 7.092 | VV | 43     | 594  | 0.13% | 0.055% |
| 54 | 7.100 | 7.092 | 7.119 | VV | 50     | 539  | 0.11% | 0.050% |
| 55 | 7.131 | 7.119 | 7.148 | VV | 54     | 600  | 0.13% | 0.055% |
| 56 | 7.178 | 7.148 | 7.194 | VV | 50     | 919  | 0.19% | 0.085% |
| 57 | 7.211 | 7.194 | 7.220 | VV | 50     | 602  | 0.13% | 0.056% |
| 58 | 7.243 | 7.220 | 7.257 | VV | 65     | 1015 | 0.21% | 0.094% |
| 59 | 7.267 | 7.257 | 7.279 | VV | 59     | 578  | 0.12% | 0.053% |
| 60 | 7.288 | 7.279 | 7.348 | VV | 46     | 1808 | 0.38% | 0.167% |
| 61 | 7.373 | 7.348 | 7.401 | VV | 63     | 1339 | 0.28% | 0.123% |
| 62 | 7.409 | 7.401 | 7.419 | VV | 51     | 461  | 0.10% | 0.043% |
| 63 | 7.429 | 7.419 | 7.446 | VV | 48     | 541  | 0.11% | 0.050% |
| 64 | 7.454 | 7.446 | 7.468 | VV | 43     | 392  | 0.08% | 0.036% |
| 65 | 7.474 | 7.468 | 7.496 | VV | 31     | 423  | 0.09% | 0.039% |
| 66 | 7.514 | 7.496 | 7.538 | VV | 44     | 703  | 0.15% | 0.065% |
| 67 | 7.544 | 7.538 | 7.559 | VV | 50     | 474  | 0.10% | 0.044% |
| 68 | 7.586 | 7.559 | 7.593 | VV | 61     | 1037 | 0.22% | 0.096% |
| 69 | 7.599 | 7.593 | 7.613 | VV | 68     | 686  | 0.15% | 0.063% |
| 70 | 7.622 | 7.613 | 7.638 | VV | 70     | 816  | 0.17% | 0.075% |
| 71 | 7.655 | 7.638 | 7.674 | VV | 87     | 1517 | 0.32% | 0.140% |
| 72 | 7.685 | 7.674 | 7.693 | VV | 95     | 771  | 0.16% | 0.071% |
| 73 | 7.701 | 7.693 | 7.744 | VV | 60     | 1421 | 0.30% | 0.131% |
| 74 | 7.757 | 7.744 | 7.771 | VV | 63     | 721  | 0.15% | 0.066% |
| 75 | 7.780 | 7.771 | 7.802 | VV | 44     | 580  | 0.12% | 0.053% |
| 76 | 7.810 | 7.802 | 7.819 | VV | 48     | 401  | 0.08% | 0.037% |
| 77 | 7.829 | 7.819 | 7.868 | VV | 41     | 962  | 0.20% | 0.089% |
| 78 | 7.877 | 7.868 | 7.894 | VV | 43     | 519  | 0.11% | 0.048% |
| 79 | 7.902 | 7.894 | 7.922 | VV | 43     | 576  | 0.12% | 0.053% |
| 80 | 7.930 | 7.922 | 7.938 | VV | 59     | 432  | 0.09% | 0.040% |
| 81 | 7.946 | 7.938 | 7.954 | VV | 52     | 449  | 0.10% | 0.041% |
| 82 | 7.976 | 7.954 | 7.991 | VV | 71     | 1328 | 0.28% | 0.122% |
| 83 | 8.002 | 7.991 | 8.050 | VV | 73     | 1709 | 0.36% | 0.157% |
| 84 | 8.091 | 8.050 | 8.156 | VV | 66     | 3091 | 0.65% | 0.285% |
| 85 | 8.172 | 8.156 | 8.181 | VV | 64     | 757  | 0.16% | 0.070% |
| 86 | 8.191 | 8.181 | 8.200 | VV | 62     | 530  | 0.11% | 0.049% |
| 87 | 8.208 | 8.200 | 8.225 | VV | 56     | 640  | 0.14% | 0.059% |
| 88 | 8.234 | 8.225 | 8.250 | VV | 56     | 642  | 0.14% | 0.059% |
| 89 | 8.268 | 8.250 | 8.279 | VV | 55     | 593  | 0.13% | 0.055% |

|     |        |        |        |    |        |        |         |         |
|-----|--------|--------|--------|----|--------|--------|---------|---------|
|     |        |        |        |    | rteres |        |         |         |
| 90  | 8.292  | 8.279  | 8.329  | VV | 63     | 1315   | 0.28%   | 0.121%  |
| 91  | 8.342  | 8.329  | 8.369  | VV | 42     | 789    | 0.17%   | 0.073%  |
| 92  | 8.381  | 8.369  | 8.413  | VV | 54     | 1016   | 0.22%   | 0.094%  |
| 93  | 8.428  | 8.413  | 8.443  | VV | 55     | 667    | 0.14%   | 0.062%  |
| 94  | 8.456  | 8.443  | 8.465  | VV | 45     | 516    | 0.11%   | 0.048%  |
| 95  | 8.474  | 8.465  | 8.489  | VV | 65     | 725    | 0.15%   | 0.067%  |
| 96  | 8.505  | 8.489  | 8.531  | VV | 62     | 1100   | 0.23%   | 0.101%  |
| 97  | 8.556  | 8.531  | 8.564  | VV | 63     | 897    | 0.19%   | 0.083%  |
| 98  | 8.579  | 8.564  | 8.590  | VV | 72     | 671    | 0.14%   | 0.062%  |
| 99  | 8.604  | 8.590  | 8.620  | VV | 64     | 696    | 0.15%   | 0.064%  |
| 100 | 8.651  | 8.620  | 8.664  | PV | 61     | 1003   | 0.21%   | 0.092%  |
| 101 | 8.682  | 8.664  | 8.712  | VV | 65     | 1388   | 0.29%   | 0.128%  |
| 102 | 8.725  | 8.712  | 8.737  | VV | 84     | 987    | 0.21%   | 0.091%  |
| 103 | 8.755  | 8.737  | 8.765  | VV | 75     | 1066   | 0.23%   | 0.098%  |
| 104 | 8.773  | 8.765  | 8.792  | VV | 99     | 1146   | 0.24%   | 0.106%  |
| 105 | 8.803  | 8.792  | 8.891  | VV | 73     | 3335   | 0.71%   | 0.307%  |
| 106 | 9.039  | 8.891  | 9.205  | VV | 8519   | 472718 | 100.00% | 43.569% |
| 107 | 9.216  | 9.205  | 9.280  | VV | 105    | 2819   | 0.60%   | 0.260%  |
| 108 | 9.430  | 9.280  | 9.519  | VV | 287    | 23070  | 4.88%   | 2.126%  |
| 109 | 9.643  | 9.519  | 9.817  | VV | 610    | 51914  | 10.98%  | 4.785%  |
| 110 | 9.855  | 9.817  | 9.874  | VV | 82     | 2132   | 0.45%   | 0.197%  |
| 111 | 9.891  | 9.874  | 9.904  | VV | 96     | 1523   | 0.32%   | 0.140%  |
| 112 | 10.027 | 9.904  | 10.146 | VV | 361    | 26564  | 5.62%   | 2.448%  |
| 113 | 10.195 | 10.146 | 10.240 | VV | 80     | 2333   | 0.49%   | 0.215%  |
| 114 | 10.337 | 10.240 | 10.352 | PV | 48     | 1695   | 0.36%   | 0.156%  |
| 115 | 10.410 | 10.352 | 10.432 | VV | 54     | 1871   | 0.40%   | 0.172%  |
| 116 | 10.458 | 10.432 | 10.485 | VV | 58     | 1366   | 0.29%   | 0.126%  |
| 117 | 10.504 | 10.485 | 10.537 | VV | 73     | 1941   | 0.41%   | 0.179%  |
| 118 | 10.557 | 10.537 | 10.610 | VV | 91     | 3413   | 0.72%   | 0.315%  |
| 119 | 10.640 | 10.610 | 10.699 | VV | 88     | 3712   | 0.79%   | 0.342%  |
| 120 | 10.711 | 10.699 | 10.772 | VV | 78     | 2620   | 0.55%   | 0.241%  |
| 121 | 10.819 | 10.772 | 10.837 | VV | 99     | 2680   | 0.57%   | 0.247%  |
| 122 | 10.891 | 10.837 | 10.958 | VV | 178    | 8312   | 1.76%   | 0.766%  |
| 123 | 10.968 | 10.958 | 11.025 | VV | 129    | 2963   | 0.63%   | 0.273%  |
| 124 | 11.038 | 11.025 | 11.072 | VV | 84     | 1562   | 0.33%   | 0.144%  |
| 125 | 11.116 | 11.072 | 11.198 | VV | 77     | 3506   | 0.74%   | 0.323%  |
| 126 | 11.237 | 11.198 | 11.267 | VV | 77     | 2111   | 0.45%   | 0.195%  |
| 127 | 11.274 | 11.267 | 11.315 | VV | 60     | 1139   | 0.24%   | 0.105%  |
| 128 | 11.330 | 11.315 | 11.373 | VV | 56     | 1247   | 0.26%   | 0.115%  |
| 129 | 11.404 | 11.373 | 11.431 | VV | 65     | 1647   | 0.35%   | 0.152%  |
| 130 | 11.434 | 11.431 | 11.449 | VV | 60     | 466    | 0.10%   | 0.043%  |
| 131 | 11.465 | 11.449 | 11.518 | VV | 59     | 1717   | 0.36%   | 0.158%  |
| 132 | 11.528 | 11.518 | 11.573 | VV | 57     | 1326   | 0.28%   | 0.122%  |
| 133 | 11.587 | 11.573 | 11.601 | VV | 38     | 513    | 0.11%   | 0.047%  |
| 134 | 11.669 | 11.601 | 11.732 | VV | 67     | 3824   | 0.81%   | 0.352%  |
| 135 | 11.739 | 11.732 | 11.753 | VV | 65     | 638    | 0.14%   | 0.059%  |
| 136 | 11.768 | 11.753 | 11.796 | VV | 46     | 1007   | 0.21%   | 0.093%  |
| 137 | 11.904 | 11.796 | 11.918 | VV | 69     | 2946   | 0.62%   | 0.271%  |
| 138 | 11.959 | 11.918 | 11.994 | VV | 80     | 2539   | 0.54%   | 0.234%  |
| 139 | 12.001 | 11.994 | 12.015 | VV | 59     | 543    | 0.11%   | 0.050%  |
| 140 | 12.043 | 12.015 | 12.122 | VV | 69     | 2710   | 0.57%   | 0.250%  |
| 141 | 12.136 | 12.122 | 12.179 | VV | 40     | 1149   | 0.24%   | 0.106%  |

|     |        |        |        |    | rteres |      |       |        |
|-----|--------|--------|--------|----|--------|------|-------|--------|
| 142 | 12.223 | 12.179 | 12.275 | VV | 55     | 1922 | 0.41% | 0.177% |
| 143 | 12.306 | 12.275 | 12.324 | VV | 53     | 1271 | 0.27% | 0.117% |
| 144 | 12.357 | 12.324 | 12.384 | VV | 72     | 2052 | 0.43% | 0.189% |
| 145 | 12.413 | 12.384 | 12.470 | VV | 99     | 3130 | 0.66% | 0.288% |
| 146 | 12.510 | 12.470 | 12.537 | VV | 72     | 2175 | 0.46% | 0.200% |
| 147 | 12.625 | 12.537 | 12.684 | VV | 94     | 6145 | 1.30% | 0.566% |
| 148 | 12.700 | 12.684 | 12.865 | VV | 49     | 3680 | 0.78% | 0.339% |
| 149 | 12.882 | 12.865 | 12.907 | VV | 44     | 717  | 0.15% | 0.066% |
| 150 | 13.008 | 12.907 | 13.104 | VV | 72     | 5218 | 1.10% | 0.481% |
| 151 | 13.119 | 13.104 | 13.158 | VV | 43     | 1064 | 0.22% | 0.098% |
| 152 | 13.199 | 13.158 | 13.264 | VV | 45     | 2134 | 0.45% | 0.197% |
| 153 | 13.322 | 13.264 | 13.339 | VV | 53     | 1741 | 0.37% | 0.160% |
| 154 | 13.384 | 13.339 | 13.403 | VV | 74     | 1769 | 0.37% | 0.163% |
| 155 | 13.468 | 13.403 | 13.521 | VV | 83     | 3526 | 0.75% | 0.325% |
| 156 | 13.534 | 13.521 | 13.572 | VV | 49     | 1038 | 0.22% | 0.096% |
| 157 | 13.583 | 13.572 | 13.613 | VV | 46     | 847  | 0.18% | 0.078% |
| 158 | 13.644 | 13.613 | 13.664 | VV | 62     | 985  | 0.21% | 0.091% |
| 159 | 13.729 | 13.664 | 13.746 | PV | 40     | 1316 | 0.28% | 0.121% |
| 160 | 13.769 | 13.746 | 13.809 | VV | 48     | 1228 | 0.26% | 0.113% |
| 161 | 13.828 | 13.809 | 13.850 | VV | 31     | 744  | 0.16% | 0.069% |
| 162 | 13.886 | 13.850 | 13.909 | VV | 70     | 1342 | 0.28% | 0.124% |
| 163 | 13.918 | 13.909 | 13.970 | VV | 34     | 975  | 0.21% | 0.090% |
| 164 | 13.982 | 13.970 | 14.020 | VV | 42     | 947  | 0.20% | 0.087% |
| 165 | 14.051 | 14.020 | 14.069 | VV | 57     | 1051 | 0.22% | 0.097% |
| 166 | 14.084 | 14.069 | 14.097 | VV | 52     | 556  | 0.12% | 0.051% |
| 167 | 14.165 | 14.097 | 14.291 | VV | 71     | 5277 | 1.12% | 0.486% |
| 168 | 14.324 | 14.291 | 14.339 | VV | 66     | 1224 | 0.26% | 0.113% |
| 169 | 14.358 | 14.339 | 14.403 | VV | 76     | 2342 | 0.50% | 0.216% |
| 170 | 14.422 | 14.403 | 14.491 | VV | 136    | 3985 | 0.84% | 0.367% |
| 171 | 14.512 | 14.491 | 14.534 | VV | 54     | 1049 | 0.22% | 0.097% |
| 172 | 14.538 | 14.534 | 14.559 | VV | 49     | 418  | 0.09% | 0.039% |
| 173 | 14.583 | 14.559 | 14.643 | PV | 29     | 991  | 0.21% | 0.091% |
| 174 | 14.690 | 14.643 | 14.745 | VV | 42     | 2014 | 0.43% | 0.186% |
| 175 | 14.755 | 14.745 | 14.790 | VV | 62     | 870  | 0.18% | 0.080% |
| 176 | 14.835 | 14.790 | 14.901 | VV | 61     | 2512 | 0.53% | 0.231% |
| 177 | 14.919 | 14.901 | 15.009 | VV | 69     | 2078 | 0.44% | 0.192% |
| 178 | 15.020 | 15.009 | 15.028 | VV | 27     | 186  | 0.04% | 0.017% |
| 179 | 15.079 | 15.028 | 15.180 | VV | 61     | 2941 | 0.62% | 0.271% |
| 180 | 15.233 | 15.180 | 15.256 | VV | 45     | 1303 | 0.28% | 0.120% |
| 181 | 15.282 | 15.256 | 15.320 | VV | 50     | 1507 | 0.32% | 0.139% |
| 182 | 15.385 | 15.320 | 15.404 | VV | 84     | 2853 | 0.60% | 0.263% |
| 183 | 15.420 | 15.404 | 15.456 | VV | 41     | 1101 | 0.23% | 0.101% |
| 184 | 15.497 | 15.456 | 15.552 | VV | 46     | 2093 | 0.44% | 0.193% |
| 185 | 15.569 | 15.552 | 15.621 | VV | 52     | 1664 | 0.35% | 0.153% |
| 186 | 15.638 | 15.621 | 15.686 | VV | 46     | 1674 | 0.35% | 0.154% |
| 187 | 15.804 | 15.686 | 15.853 | VV | 91     | 6192 | 1.31% | 0.571% |
| 188 | 15.869 | 15.853 | 15.970 | VV | 62     | 2614 | 0.55% | 0.241% |
| 189 | 15.984 | 15.970 | 16.079 | VV | 47     | 2869 | 0.61% | 0.264% |
| 190 | 16.097 | 16.079 | 16.131 | VV | 56     | 1200 | 0.25% | 0.111% |
| 191 | 16.144 | 16.131 | 16.178 | VV | 54     | 1085 | 0.23% | 0.100% |
| 192 | 16.237 | 16.178 | 16.332 | VV | 99     | 6079 | 1.29% | 0.560% |
| 193 | 16.347 | 16.332 | 16.387 | VV | 59     | 1326 | 0.28% | 0.122% |
| 194 | 16.504 | 16.387 | 16.621 | VV | 119    | 9652 | 2.04% | 0.890% |

|                         |        |        |        |     |     |      |         |        |
|-------------------------|--------|--------|--------|-----|-----|------|---------|--------|
| 195                     | 16.728 | 16.621 | 16.755 | VBA | 100 | 5677 | 1.20%   | 0.523% |
| Sum of corrected areas: |        |        |        |     |     |      | 1084987 |        |

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