

rteres.txt  
Area Percent Report

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB032719\  
Data File : FB020390.D  
Signal(s) : FID2B.CH  
Acq On : 27 Mar 2019 17:38  
Sample : K2107-03  
Misc : 5.02gm/5.00ml DI WATER  
ALS Vial : 17 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB032619.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         | 4.835       | 4.804        | 4.849      | BV       | 12             | 135          | 0.03%          | 0.015%        |
| 2         | 4.855       | 4.849        | 4.891      | VV       | 31             | 385          | 0.09%          | 0.043%        |
| 3         | 4.902       | 4.891        | 4.911      | VV       | 22             | 167          | 0.04%          | 0.019%        |
| 4         | 4.919       | 4.911        | 4.930      | VV       | 24             | 107          | 0.02%          | 0.012%        |
| 5         | 4.938       | 4.930        | 4.965      | PV       | 18             | 144          | 0.03%          | 0.016%        |
| 6         | 4.976       | 4.965        | 5.001      | PV       | 12             | 165          | 0.04%          | 0.019%        |
| 7         | 5.104       | 5.001        | 5.304      | VV       | 1227           | 72281        | 16.73%         | 8.105%        |
| 8         | 5.316       | 5.304        | 5.332      | VV       | 34             | 245          | 0.06%          | 0.027%        |
| 9         | 5.341       | 5.332        | 5.423      | VV       | 25             | 731          | 0.17%          | 0.082%        |
| 10        | 5.575       | 5.423        | 5.771      | PV       | 2824           | 175746       | 40.68%         | 19.708%       |
| 11        | 5.781       | 5.771        | 5.795      | VV       | 23             | 271          | 0.06%          | 0.030%        |
| 12        | 5.804       | 5.795        | 5.819      | VV       | 35             | 290          | 0.07%          | 0.033%        |
| 13        | 5.828       | 5.819        | 5.838      | VV       | 23             | 183          | 0.04%          | 0.021%        |
| 14        | 5.845       | 5.838        | 5.851      | VV       | 17             | 92           | 0.02%          | 0.010%        |
| 15        | 5.863       | 5.851        | 5.873      | VV       | 28             | 242          | 0.06%          | 0.027%        |
| 16        | 5.882       | 5.873        | 5.896      | VV       | 27             | 250          | 0.06%          | 0.028%        |
| 17        | 5.906       | 5.896        | 5.918      | VV       | 23             | 231          | 0.05%          | 0.026%        |
| 18        | 5.922       | 5.918        | 5.932      | VV       | 24             | 147          | 0.03%          | 0.016%        |
| 19        | 5.937       | 5.932        | 5.945      | VV       | 24             | 146          | 0.03%          | 0.016%        |
| 20        | 5.953       | 5.945        | 5.971      | VV       | 28             | 276          | 0.06%          | 0.031%        |
| 21        | 5.981       | 5.971        | 6.036      | VV       | 38             | 668          | 0.15%          | 0.075%        |
| 22        | 6.046       | 6.036        | 6.052      | VV       | 18             | 129          | 0.03%          | 0.014%        |
| 23        | 6.067       | 6.052        | 6.098      | VV       | 32             | 506          | 0.12%          | 0.057%        |
| 24        | 6.118       | 6.098        | 6.159      | PV       | 31             | 640          | 0.15%          | 0.072%        |
| 25        | 6.168       | 6.159        | 6.202      | VV       | 35             | 405          | 0.09%          | 0.045%        |
| 26        | 6.208       | 6.202        | 6.229      | VV       | 38             | 388          | 0.09%          | 0.043%        |
| 27        | 6.265       | 6.229        | 6.290      | VV       | 29             | 680          | 0.16%          | 0.076%        |
| 28        | 6.299       | 6.290        | 6.305      | VV       | 30             | 152          | 0.04%          | 0.017%        |
| 29        | 6.311       | 6.305        | 6.326      | VV       | 34             | 268          | 0.06%          | 0.030%        |
| 30        | 6.338       | 6.326        | 6.344      | VV       | 41             | 262          | 0.06%          | 0.029%        |
| 31        | 6.377       | 6.344        | 6.385      | VV       | 46             | 730          | 0.17%          | 0.082%        |
| 32        | 6.401       | 6.385        | 6.410      | VV       | 50             | 551          | 0.13%          | 0.062%        |
| 33        | 6.422       | 6.410        | 6.442      | VV       | 50             | 679          | 0.16%          | 0.076%        |
| 34        | 6.453       | 6.442        | 6.463      | VV       | 34             | 330          | 0.08%          | 0.037%        |
| 35        | 6.483       | 6.463        | 6.493      | VV       | 30             | 436          | 0.10%          | 0.049%        |
| 36        | 6.502       | 6.493        | 6.516      | VV       | 34             | 363          | 0.08%          | 0.041%        |
| 37        | 6.524       | 6.516        | 6.540      | VV       | 35             | 446          | 0.10%          | 0.050%        |
| 38        | 6.568       | 6.540        | 6.586      | VV       | 56             | 1145         | 0.27%          | 0.128%        |
| 39        | 6.627       | 6.586        | 6.647      | VV       | 59             | 1596         | 0.37%          | 0.179%        |
| 40        | 6.654       | 6.647        | 6.669      | VV       | 32             | 356          | 0.08%          | 0.040%        |
| 41        | 6.675       | 6.669        | 6.683      | VV       | 34             | 219          | 0.05%          | 0.025%        |
| 42        | 6.690       | 6.683        | 6.719      | VV       | 35             | 406          | 0.09%          | 0.046%        |
| 43        | 6.733       | 6.719        | 6.762      | VV       | 30             | 494          | 0.11%          | 0.055%        |
| 44        | 6.770       | 6.762        | 6.787      | PV       | 18             | 189          | 0.04%          | 0.021%        |
| 45        | 6.797       | 6.787        | 6.808      | VV       | 30             | 232          | 0.05%          | 0.026%        |
| 46        | 6.817       | 6.808        | 6.827      | VV       | 23             | 214          | 0.05%          | 0.024%        |
| 47        | 6.835       | 6.827        | 6.849      | VV       | 25             | 249          | 0.06%          | 0.028%        |
| 48        | 6.863       | 6.849        | 6.878      | VV       | 26             | 306          | 0.07%          | 0.034%        |
| 49        | 6.892       | 6.878        | 6.902      | VV       | 35             | 277          | 0.06%          | 0.031%        |
| 50        | 6.912       | 6.902        | 6.922      | VV       | 22             | 193          | 0.04%          | 0.022%        |

rteres.txt

|     |        |        |        |    |      |        |         |         |
|-----|--------|--------|--------|----|------|--------|---------|---------|
| 51  | 6.942  | 6.922  | 6.951  | VV | 37   | 319    | 0.07%   | 0.036%  |
| 52  | 6.972  | 6.951  | 6.996  | VV | 31   | 456    | 0.11%   | 0.051%  |
| 53  | 7.013  | 6.996  | 7.033  | VV | 24   | 339    | 0.08%   | 0.038%  |
| 54  | 7.044  | 7.033  | 7.067  | VV | 26   | 404    | 0.09%   | 0.045%  |
| 55  | 7.084  | 7.067  | 7.098  | VV | 26   | 334    | 0.08%   | 0.037%  |
| 56  | 7.112  | 7.098  | 7.120  | VV | 24   | 244    | 0.06%   | 0.027%  |
| 57  | 7.131  | 7.120  | 7.175  | VV | 29   | 613    | 0.14%   | 0.069%  |
| 58  | 7.184  | 7.175  | 7.217  | VV | 22   | 524    | 0.12%   | 0.059%  |
| 59  | 7.227  | 7.217  | 7.259  | VV | 30   | 674    | 0.16%   | 0.076%  |
| 60  | 7.294  | 7.259  | 7.312  | VV | 38   | 915    | 0.21%   | 0.103%  |
| 61  | 7.335  | 7.312  | 7.344  | VV | 27   | 361    | 0.08%   | 0.040%  |
| 62  | 7.365  | 7.344  | 7.388  | VV | 39   | 573    | 0.13%   | 0.064%  |
| 63  | 7.400  | 7.388  | 7.421  | VV | 32   | 438    | 0.10%   | 0.049%  |
| 64  | 7.429  | 7.421  | 7.451  | VV | 31   | 423    | 0.10%   | 0.047%  |
| 65  | 7.476  | 7.451  | 7.492  | VV | 36   | 457    | 0.11%   | 0.051%  |
| 66  | 7.517  | 7.492  | 7.569  | VV | 31   | 933    | 0.22%   | 0.105%  |
| 67  | 7.618  | 7.569  | 7.632  | VV | 57   | 1423   | 0.33%   | 0.160%  |
| 68  | 7.655  | 7.632  | 7.669  | VV | 60   | 954    | 0.22%   | 0.107%  |
| 69  | 7.701  | 7.669  | 7.716  | VV | 50   | 1018   | 0.24%   | 0.114%  |
| 70  | 7.723  | 7.716  | 7.737  | VV | 42   | 429    | 0.10%   | 0.048%  |
| 71  | 7.754  | 7.737  | 7.763  | VV | 44   | 477    | 0.11%   | 0.054%  |
| 72  | 7.771  | 7.763  | 7.785  | VV | 42   | 317    | 0.07%   | 0.036%  |
| 73  | 7.795  | 7.785  | 7.802  | VV | 22   | 193    | 0.04%   | 0.022%  |
| 74  | 7.828  | 7.802  | 7.849  | VV | 41   | 806    | 0.19%   | 0.090%  |
| 75  | 7.869  | 7.849  | 7.894  | VV | 53   | 888    | 0.21%   | 0.100%  |
| 76  | 7.903  | 7.894  | 7.921  | VV | 43   | 553    | 0.13%   | 0.062%  |
| 77  | 7.938  | 7.921  | 7.989  | VV | 54   | 1455   | 0.34%   | 0.163%  |
| 78  | 7.997  | 7.989  | 8.018  | VV | 49   | 656    | 0.15%   | 0.074%  |
| 79  | 8.035  | 8.018  | 8.043  | VV | 42   | 520    | 0.12%   | 0.058%  |
| 80  | 8.057  | 8.043  | 8.065  | VV | 37   | 403    | 0.09%   | 0.045%  |
| 81  | 8.095  | 8.065  | 8.103  | VV | 47   | 768    | 0.18%   | 0.086%  |
| 82  | 8.117  | 8.103  | 8.155  | VV | 48   | 1204   | 0.28%   | 0.135%  |
| 83  | 8.167  | 8.155  | 8.192  | VV | 49   | 734    | 0.17%   | 0.082%  |
| 84  | 8.208  | 8.192  | 8.225  | VV | 46   | 644    | 0.15%   | 0.072%  |
| 85  | 8.233  | 8.225  | 8.247  | VV | 36   | 359    | 0.08%   | 0.040%  |
| 86  | 8.255  | 8.247  | 8.264  | VV | 47   | 314    | 0.07%   | 0.035%  |
| 87  | 8.271  | 8.264  | 8.284  | VV | 45   | 352    | 0.08%   | 0.039%  |
| 88  | 8.302  | 8.284  | 8.317  | VV | 44   | 602    | 0.14%   | 0.067%  |
| 89  | 8.356  | 8.317  | 8.370  | VV | 46   | 971    | 0.22%   | 0.109%  |
| 90  | 8.394  | 8.370  | 8.445  | VV | 44   | 1418   | 0.33%   | 0.159%  |
| 91  | 8.462  | 8.445  | 8.470  | VV | 39   | 435    | 0.10%   | 0.049%  |
| 92  | 8.487  | 8.470  | 8.495  | VV | 43   | 448    | 0.10%   | 0.050%  |
| 93  | 8.502  | 8.495  | 8.517  | VV | 42   | 428    | 0.10%   | 0.048%  |
| 94  | 8.530  | 8.517  | 8.540  | VV | 54   | 506    | 0.12%   | 0.057%  |
| 95  | 8.559  | 8.540  | 8.583  | VV | 41   | 795    | 0.18%   | 0.089%  |
| 96  | 8.601  | 8.583  | 8.615  | VV | 50   | 567    | 0.13%   | 0.064%  |
| 97  | 8.632  | 8.615  | 8.650  | VV | 43   | 660    | 0.15%   | 0.074%  |
| 98  | 8.664  | 8.650  | 8.678  | VV | 39   | 555    | 0.13%   | 0.062%  |
| 99  | 8.689  | 8.678  | 8.698  | VV | 54   | 516    | 0.12%   | 0.058%  |
| 100 | 8.712  | 8.698  | 8.723  | VV | 44   | 571    | 0.13%   | 0.064%  |
| 101 | 8.753  | 8.723  | 8.781  | VV | 53   | 1379   | 0.32%   | 0.155%  |
| 102 | 8.801  | 8.781  | 8.810  | VV | 54   | 719    | 0.17%   | 0.081%  |
| 103 | 8.825  | 8.810  | 8.857  | VV | 44   | 1032   | 0.24%   | 0.116%  |
| 104 | 8.874  | 8.857  | 8.904  | VV | 45   | 891    | 0.21%   | 0.100%  |
| 105 | 9.041  | 8.904  | 9.211  | VV | 7821 | 432037 | 100.00% | 48.447% |
| 106 | 9.231  | 9.211  | 9.285  | VV | 65   | 2252   | 0.52%   | 0.253%  |
| 107 | 9.425  | 9.285  | 9.524  | VV | 140  | 11983  | 2.77%   | 1.344%  |
| 108 | 9.643  | 9.524  | 9.806  | VV | 287  | 24478  | 5.67%   | 2.745%  |
| 109 | 9.885  | 9.806  | 9.916  | VV | 70   | 2788   | 0.65%   | 0.313%  |
| 110 | 10.036 | 9.916  | 10.197 | VV | 170  | 14513  | 3.36%   | 1.627%  |
| 111 | 10.277 | 10.197 | 10.321 | VV | 41   | 2121   | 0.49%   | 0.238%  |
| 112 | 10.336 | 10.321 | 10.356 | VV | 41   | 573    | 0.13%   | 0.064%  |
| 113 | 10.371 | 10.356 | 10.386 | VV | 45   | 538    | 0.12%   | 0.060%  |
| 114 | 10.399 | 10.386 | 10.413 | VV | 32   | 452    | 0.10%   | 0.051%  |
| 115 | 10.433 | 10.413 | 10.457 | VV | 39   | 832    | 0.19%   | 0.093%  |

|     |        |        |        |    | rteres.txt |      |       |        |
|-----|--------|--------|--------|----|------------|------|-------|--------|
| 116 | 10.617 | 10.457 | 10.655 | VV | 66         | 5184 | 1.20% | 0.581% |
| 117 | 10.673 | 10.655 | 10.716 | VV | 55         | 1647 | 0.38% | 0.185% |
| 118 | 10.727 | 10.716 | 10.745 | VV | 47         | 724  | 0.17% | 0.081% |
| 119 | 10.762 | 10.745 | 10.800 | VV | 47         | 1173 | 0.27% | 0.131% |
| 120 | 10.908 | 10.800 | 10.951 | VV | 85         | 4850 | 1.12% | 0.544% |
|     |        |        |        |    |            |      |       |        |
| 121 | 10.979 | 10.951 | 11.020 | VV | 69         | 2088 | 0.48% | 0.234% |
| 122 | 11.059 | 11.020 | 11.108 | VV | 54         | 2089 | 0.48% | 0.234% |
| 123 | 11.139 | 11.108 | 11.162 | VV | 45         | 1105 | 0.26% | 0.124% |
| 124 | 11.173 | 11.162 | 11.234 | VV | 37         | 1403 | 0.32% | 0.157% |
| 125 | 11.239 | 11.234 | 11.278 | VV | 54         | 854  | 0.20% | 0.096% |
|     |        |        |        |    |            |      |       |        |
| 126 | 11.333 | 11.278 | 11.384 | VV | 42         | 1801 | 0.42% | 0.202% |
| 127 | 11.405 | 11.384 | 11.431 | VV | 45         | 949  | 0.22% | 0.106% |
| 128 | 11.435 | 11.431 | 11.451 | VV | 41         | 343  | 0.08% | 0.038% |
| 129 | 11.490 | 11.451 | 11.521 | VV | 44         | 1249 | 0.29% | 0.140% |
| 130 | 11.666 | 11.521 | 11.716 | VV | 56         | 3991 | 0.92% | 0.448% |
|     |        |        |        |    |            |      |       |        |
| 131 | 11.730 | 11.716 | 11.799 | VV | 53         | 1755 | 0.41% | 0.197% |
| 132 | 11.812 | 11.799 | 11.839 | VV | 45         | 657  | 0.15% | 0.074% |
| 133 | 11.852 | 11.839 | 11.877 | VV | 29         | 606  | 0.14% | 0.068% |
| 134 | 11.894 | 11.877 | 11.917 | VV | 33         | 783  | 0.18% | 0.088% |
| 135 | 11.932 | 11.917 | 11.946 | VV | 33         | 504  | 0.12% | 0.056% |
|     |        |        |        |    |            |      |       |        |
| 136 | 11.964 | 11.946 | 11.991 | VV | 33         | 746  | 0.17% | 0.084% |
| 137 | 12.042 | 11.991 | 12.097 | VV | 41         | 1956 | 0.45% | 0.219% |
| 138 | 12.149 | 12.097 | 12.161 | VV | 35         | 1281 | 0.30% | 0.144% |
| 139 | 12.172 | 12.161 | 12.191 | VV | 30         | 542  | 0.13% | 0.061% |
| 140 | 12.204 | 12.191 | 12.247 | VV | 48         | 893  | 0.21% | 0.100% |
|     |        |        |        |    |            |      |       |        |
| 141 | 12.256 | 12.247 | 12.267 | VV | 26         | 263  | 0.06% | 0.029% |
| 142 | 12.314 | 12.267 | 12.336 | VV | 45         | 1144 | 0.26% | 0.128% |
| 143 | 12.396 | 12.336 | 12.442 | VV | 65         | 2533 | 0.59% | 0.284% |
| 144 | 12.480 | 12.442 | 12.507 | VV | 43         | 1454 | 0.34% | 0.163% |
| 145 | 12.523 | 12.507 | 12.539 | VV | 55         | 804  | 0.19% | 0.090% |
|     |        |        |        |    |            |      |       |        |
| 146 | 12.588 | 12.539 | 12.606 | VV | 51         | 1640 | 0.38% | 0.184% |
| 147 | 12.625 | 12.606 | 12.744 | VV | 61         | 2955 | 0.68% | 0.331% |
| 148 | 12.759 | 12.744 | 12.795 | VV | 32         | 628  | 0.15% | 0.070% |
| 149 | 12.801 | 12.795 | 12.818 | VV | 35         | 224  | 0.05% | 0.025% |
| 150 | 12.832 | 12.818 | 12.965 | VV | 23         | 1931 | 0.45% | 0.217% |
|     |        |        |        |    |            |      |       |        |
| 151 | 13.018 | 12.965 | 13.129 | VV | 45         | 2877 | 0.67% | 0.323% |
| 152 | 13.141 | 13.129 | 13.171 | VV | 25         | 472  | 0.11% | 0.053% |
| 153 | 13.224 | 13.171 | 13.255 | VV | 35         | 1081 | 0.25% | 0.121% |
| 154 | 13.274 | 13.255 | 13.288 | VV | 36         | 475  | 0.11% | 0.053% |
| 155 | 13.344 | 13.288 | 13.371 | VV | 37         | 1311 | 0.30% | 0.147% |
|     |        |        |        |    |            |      |       |        |
| 156 | 13.381 | 13.371 | 13.405 | VV | 33         | 540  | 0.12% | 0.061% |
| 157 | 13.472 | 13.405 | 13.502 | VV | 45         | 1817 | 0.42% | 0.204% |
| 158 | 13.509 | 13.502 | 13.608 | VV | 45         | 1526 | 0.35% | 0.171% |
| 159 | 13.621 | 13.608 | 13.638 | VV | 29         | 369  | 0.09% | 0.041% |
| 160 | 13.720 | 13.638 | 13.742 | VV | 38         | 1129 | 0.26% | 0.127% |
|     |        |        |        |    |            |      |       |        |
| 161 | 13.772 | 13.742 | 13.796 | VV | 32         | 708  | 0.16% | 0.079% |
| 162 | 13.812 | 13.796 | 13.871 | VV | 42         | 1043 | 0.24% | 0.117% |
| 163 | 13.896 | 13.871 | 13.939 | VV | 30         | 904  | 0.21% | 0.101% |
| 164 | 13.951 | 13.939 | 13.981 | VV | 34         | 473  | 0.11% | 0.053% |
| 165 | 14.003 | 13.981 | 14.042 | VV | 35         | 842  | 0.19% | 0.094% |
|     |        |        |        |    |            |      |       |        |
| 166 | 14.183 | 14.042 | 14.192 | VV | 38         | 2212 | 0.51% | 0.248% |
| 167 | 14.206 | 14.192 | 14.268 | VV | 39         | 1292 | 0.30% | 0.145% |
| 168 | 14.281 | 14.268 | 14.296 | VV | 29         | 441  | 0.10% | 0.049% |
| 169 | 14.373 | 14.296 | 14.387 | VV | 51         | 2066 | 0.48% | 0.232% |
| 170 | 14.410 | 14.387 | 14.488 | VV | 63         | 2689 | 0.62% | 0.302% |
|     |        |        |        |    |            |      |       |        |
| 171 | 14.498 | 14.488 | 14.540 | VV | 42         | 695  | 0.16% | 0.078% |
| 172 | 14.551 | 14.540 | 14.567 | VV | 24         | 335  | 0.08% | 0.038% |
| 173 | 14.590 | 14.567 | 14.680 | VV | 38         | 1587 | 0.37% | 0.178% |
| 174 | 14.705 | 14.680 | 14.833 | VV | 40         | 1792 | 0.41% | 0.201% |
| 175 | 14.863 | 14.833 | 14.891 | VV | 32         | 638  | 0.15% | 0.072% |
|     |        |        |        |    |            |      |       |        |
| 176 | 14.927 | 14.891 | 14.972 | VV | 29         | 1006 | 0.23% | 0.113% |
| 177 | 14.984 | 14.972 | 15.025 | VV | 40         | 578  | 0.13% | 0.065% |
| 178 | 15.035 | 15.025 | 15.100 | PV | 9          | 670  | 0.16% | 0.075% |
| 179 | 15.111 | 15.100 | 15.190 | VV | 37         | 940  | 0.22% | 0.105% |
| 180 | 15.197 | 15.190 | 15.279 | VV | 27         | 888  | 0.21% | 0.100% |
|     |        |        |        |    |            |      |       |        |
| 181 | 15.347 | 15.279 | 15.457 | VV | 41         | 2420 | 0.56% | 0.271% |

|     |        |        |        |    |    |                         |        |        |
|-----|--------|--------|--------|----|----|-------------------------|--------|--------|
|     |        |        |        |    |    | rteres.txt              |        |        |
| 182 | 15.488 | 15.457 | 15.519 | VV | 27 | 471                     | 0.11%  | 0.053% |
| 183 | 15.549 | 15.519 | 15.630 | VV | 27 | 769                     | 0.18%  | 0.086% |
| 184 | 15.766 | 15.630 | 15.825 | VV | 26 | 2155                    | 0.50%  | 0.242% |
| 185 | 15.970 | 15.825 | 16.204 | VV | 20 | 2335                    | 0.54%  | 0.262% |
| 186 | 16.256 | 16.204 | 16.398 | VV | 33 | 1785                    | 0.41%  | 0.200% |
| 187 | 16.492 | 16.398 | 16.629 | PV | 34 | 2415                    | 0.56%  | 0.271% |
|     |        |        |        |    |    | Sum of corrected areas: | 891765 |        |

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