

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB071218\  
 Data File : FB016714.D  
 Signal(s) : FID2B.CH  
 Acq On : 13 Jul 2018 1:36  
 Sample : J3821-03  
 Misc : 5.02g/5.00ml DI water  
 ALS Vial : 32 Sample Multiplier: 1

Integration File: SAMPLE.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_B\Method\FB070918.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         | 4.817       | 4.804        | 4.824      | BV       | 22             | 78           | 0.03%          | 0.004%        |
| 2         | 4.849       | 4.824        | 4.878      | PV       | 32             | 493          | 0.18%          | 0.027%        |
| 3         | 4.908       | 4.878        | 4.918      | VV       | 47             | 571          | 0.21%          | 0.031%        |
| 4         | 4.927       | 4.918        | 4.935      | VV       | 45             | 354          | 0.13%          | 0.019%        |
| 5         | 4.964       | 4.935        | 4.990      | VV       | 75             | 1610         | 0.60%          | 0.088%        |
| 6         | 4.999       | 4.990        | 5.028      | VV       | 82             | 1136         | 0.43%          | 0.062%        |
| 7         | 5.050       | 5.028        | 5.058      | VV       | 35             | 299          | 0.11%          | 0.016%        |
| 8         | 5.069       | 5.058        | 5.076      | PV       | 37             | 227          | 0.08%          | 0.012%        |
| 9         | 5.162       | 5.076        | 5.365      | VV       | 699            | 52878        | 19.78%         | 2.903%        |
| 10        | 5.391       | 5.365        | 5.413      | VV       | 50             | 1131         | 0.42%          | 0.062%        |
| 11        | 5.419       | 5.413        | 5.428      | VV       | 66             | 419          | 0.16%          | 0.023%        |
| 12        | 5.438       | 5.428        | 5.450      | VV       | 61             | 493          | 0.18%          | 0.027%        |
| 13        | 5.459       | 5.450        | 5.465      | VV       | 35             | 244          | 0.09%          | 0.013%        |
| 14        | 5.470       | 5.465        | 5.479      | VV       | 43             | 188          | 0.07%          | 0.010%        |
| 15        | 5.495       | 5.479        | 5.513      | PV       | 35             | 381          | 0.14%          | 0.021%        |
| 16        | 5.522       | 5.513        | 5.530      | VV       | 68             | 366          | 0.14%          | 0.020%        |
| 17        | 5.647       | 5.530        | 5.721      | VV       | 290            | 18914        | 7.08%          | 1.038%        |
| 18        | 5.728       | 5.721        | 5.770      | VV       | 59             | 914          | 0.34%          | 0.050%        |
| 19        | 5.775       | 5.770        | 5.784      | VV       | 31             | 127          | 0.05%          | 0.007%        |
| 20        | 5.790       | 5.784        | 5.796      | PV       | 16             | 61           | 0.02%          | 0.003%        |
| 21        | 5.802       | 5.796        | 5.808      | VV       | 23             | 88           | 0.03%          | 0.005%        |
| 22        | 5.816       | 5.808        | 5.854      | VV       | 33             | 498          | 0.19%          | 0.027%        |
| 23        | 5.859       | 5.854        | 5.882      | VV       | 30             | 406          | 0.15%          | 0.022%        |
| 24        | 5.889       | 5.882        | 5.898      | VV       | 40             | 198          | 0.07%          | 0.011%        |
| 25        | 5.908       | 5.898        | 5.922      | VV       | 40             | 345          | 0.13%          | 0.019%        |
| 26        | 5.942       | 5.922        | 5.993      | VV       | 66             | 986          | 0.37%          | 0.054%        |
| 27        | 6.000       | 5.993        | 6.012      | VV       | 28             | 189          | 0.07%          | 0.010%        |
| 28        | 6.040       | 6.012        | 6.049      | VV       | 44             | 420          | 0.16%          | 0.023%        |
| 29        | 6.076       | 6.049        | 6.110      | VV       | 34             | 737          | 0.28%          | 0.040%        |
| 30        | 6.123       | 6.110        | 6.143      | VV       | 40             | 259          | 0.10%          | 0.014%        |
| 31        | 6.158       | 6.143        | 6.195      | PV       | 27             | 591          | 0.22%          | 0.032%        |
| 32        | 6.217       | 6.195        | 6.244      | VV       | 41             | 727          | 0.27%          | 0.040%        |
| 33        | 6.258       | 6.244        | 6.289      | VV       | 34             | 603          | 0.23%          | 0.033%        |
| 34        | 6.320       | 6.289        | 6.328      | VV       | 38             | 421          | 0.16%          | 0.023%        |
| 35        | 6.337       | 6.328        | 6.348      | VV       | 57             | 444          | 0.17%          | 0.024%        |
| 36        | 6.357       | 6.348        | 6.367      | VV       | 39             | 314          | 0.12%          | 0.017%        |

|    |       |       |       |    |            |        |        |        |
|----|-------|-------|-------|----|------------|--------|--------|--------|
|    |       |       |       |    | rteres.txt |        |        |        |
| 37 | 6.379 | 6.367 | 6.390 | VV | 40         | 384    | 0.14%  | 0.021% |
| 38 | 6.413 | 6.390 | 6.430 | VV | 54         | 834    | 0.31%  | 0.046% |
| 39 | 6.475 | 6.430 | 6.517 | VV | 81         | 2604   | 0.97%  | 0.143% |
| 40 | 6.525 | 6.517 | 6.542 | VV | 61         | 596    | 0.22%  | 0.033% |
|    |       |       |       |    |            |        |        |        |
| 41 | 6.556 | 6.542 | 6.563 | VV | 71         | 682    | 0.26%  | 0.037% |
| 42 | 6.570 | 6.563 | 6.586 | VV | 64         | 760    | 0.28%  | 0.042% |
| 43 | 6.591 | 6.586 | 6.606 | VV | 57         | 665    | 0.25%  | 0.037% |
| 44 | 6.616 | 6.606 | 6.626 | VV | 81         | 747    | 0.28%  | 0.041% |
| 45 | 6.637 | 6.626 | 6.652 | VV | 80         | 806    | 0.30%  | 0.044% |
|    |       |       |       |    |            |        |        |        |
| 46 | 6.660 | 6.652 | 6.683 | VV | 37         | 424    | 0.16%  | 0.023% |
| 47 | 6.695 | 6.683 | 6.703 | VV | 51         | 288    | 0.11%  | 0.016% |
| 48 | 6.744 | 6.703 | 6.789 | PV | 75         | 1495   | 0.56%  | 0.082% |
| 49 | 6.799 | 6.789 | 6.807 | PV | 36         | 219    | 0.08%  | 0.012% |
| 50 | 6.823 | 6.807 | 6.845 | VV | 37         | 491    | 0.18%  | 0.027% |
|    |       |       |       |    |            |        |        |        |
| 51 | 6.882 | 6.845 | 6.897 | VV | 50         | 804    | 0.30%  | 0.044% |
| 52 | 6.909 | 6.897 | 6.942 | VV | 41         | 1062   | 0.40%  | 0.058% |
| 53 | 6.961 | 6.942 | 6.970 | VV | 72         | 973    | 0.36%  | 0.053% |
| 54 | 7.027 | 6.970 | 7.034 | VV | 154        | 3704   | 1.39%  | 0.203% |
| 55 | 7.070 | 7.034 | 7.081 | VV | 261        | 6092   | 2.28%  | 0.334% |
|    |       |       |       |    |            |        |        |        |
| 56 | 7.094 | 7.081 | 7.117 | VV | 283        | 5707   | 2.14%  | 0.313% |
| 57 | 7.125 | 7.117 | 7.214 | VV | 295        | 10728  | 4.01%  | 0.589% |
| 58 | 7.225 | 7.214 | 7.251 | VV | 95         | 1695   | 0.63%  | 0.093% |
| 59 | 7.255 | 7.251 | 7.278 | VV | 63         | 763    | 0.29%  | 0.042% |
| 60 | 7.285 | 7.278 | 7.307 | VV | 52         | 656    | 0.25%  | 0.036% |
|    |       |       |       |    |            |        |        |        |
| 61 | 7.314 | 7.307 | 7.321 | VV | 75         | 456    | 0.17%  | 0.025% |
| 62 | 7.330 | 7.321 | 7.338 | VV | 68         | 540    | 0.20%  | 0.030% |
| 63 | 7.366 | 7.338 | 7.404 | VV | 60         | 1747   | 0.65%  | 0.096% |
| 64 | 7.413 | 7.404 | 7.428 | VV | 67         | 648    | 0.24%  | 0.036% |
| 65 | 7.441 | 7.428 | 7.454 | VV | 41         | 533    | 0.20%  | 0.029% |
|    |       |       |       |    |            |        |        |        |
| 66 | 7.461 | 7.454 | 7.472 | VV | 40         | 346    | 0.13%  | 0.019% |
| 67 | 7.484 | 7.472 | 7.530 | VV | 61         | 1097   | 0.41%  | 0.060% |
| 68 | 7.536 | 7.530 | 7.558 | VV | 33         | 271    | 0.10%  | 0.015% |
| 69 | 7.598 | 7.558 | 7.607 | VV | 37         | 575    | 0.22%  | 0.032% |
| 70 | 7.629 | 7.607 | 7.639 | VV | 36         | 518    | 0.19%  | 0.028% |
|    |       |       |       |    |            |        |        |        |
| 71 | 7.655 | 7.639 | 7.688 | VV | 50         | 872    | 0.33%  | 0.048% |
| 72 | 7.750 | 7.688 | 7.801 | VV | 47         | 2335   | 0.87%  | 0.128% |
| 73 | 7.827 | 7.801 | 7.883 | VV | 54         | 1654   | 0.62%  | 0.091% |
| 74 | 7.936 | 7.883 | 8.044 | VV | 70         | 4000   | 1.50%  | 0.220% |
| 75 | 8.059 | 8.044 | 8.125 | VV | 78         | 2258   | 0.84%  | 0.124% |
|    |       |       |       |    |            |        |        |        |
| 76 | 8.191 | 8.125 | 8.285 | VV | 89         | 4496   | 1.68%  | 0.247% |
| 77 | 8.313 | 8.285 | 8.331 | VV | 51         | 1011   | 0.38%  | 0.056% |
| 78 | 8.386 | 8.331 | 8.435 | VV | 83         | 2810   | 1.05%  | 0.154% |
| 79 | 8.464 | 8.435 | 8.481 | VV | 57         | 1044   | 0.39%  | 0.057% |
| 80 | 8.496 | 8.481 | 8.517 | VV | 70         | 974    | 0.36%  | 0.053% |
|    |       |       |       |    |            |        |        |        |
| 81 | 8.528 | 8.517 | 8.565 | VV | 42         | 970    | 0.36%  | 0.053% |
| 82 | 8.573 | 8.565 | 8.603 | VV | 54         | 778    | 0.29%  | 0.043% |
| 83 | 8.624 | 8.603 | 8.709 | VV | 65         | 2182   | 0.82%  | 0.120% |
| 84 | 8.730 | 8.709 | 8.761 | VV | 57         | 920    | 0.34%  | 0.050% |
| 85 | 8.832 | 8.761 | 8.904 | VV | 87         | 4156   | 1.56%  | 0.228% |
|    |       |       |       |    |            |        |        |        |
| 86 | 9.112 | 8.904 | 9.262 | VV | 1899       | 109397 | 40.93% | 6.006% |
| 87 | 9.277 | 9.262 | 9.290 | VV | 51         | 676    | 0.25%  | 0.037% |
| 88 | 9.300 | 9.290 | 9.328 | VV | 47         | 805    | 0.30%  | 0.044% |
| 89 | 9.366 | 9.328 | 9.391 | VV | 51         | 1444   | 0.54%  | 0.079% |

|     |        |        |        |    |            |        |        |        |
|-----|--------|--------|--------|----|------------|--------|--------|--------|
|     |        |        |        |    | rteres.txt |        |        |        |
| 90  | 9.406  | 9.391  | 9.430  | VV | 68         | 1060   | 0.40%  | 0.058% |
| 91  | 9.484  | 9.430  | 9.572  | VV | 110        | 6507   | 2.43%  | 0.357% |
| 92  | 9.582  | 9.572  | 9.597  | VV | 62         | 701    | 0.26%  | 0.039% |
| 93  | 9.723  | 9.597  | 9.861  | VV | 176        | 16790  | 6.28%  | 0.922% |
| 94  | 9.881  | 9.861  | 9.928  | VV | 72         | 1616   | 0.60%  | 0.089% |
| 95  | 9.943  | 9.928  | 10.023 | VV | 75         | 2944   | 1.10%  | 0.162% |
| 96  | 10.114 | 10.023 | 10.154 | VV | 121        | 5765   | 2.16%  | 0.317% |
| 97  | 10.217 | 10.154 | 10.251 | VV | 124        | 5004   | 1.87%  | 0.275% |
| 98  | 10.260 | 10.251 | 10.336 | VV | 128        | 4183   | 1.56%  | 0.230% |
| 99  | 10.349 | 10.336 | 10.384 | VV | 53         | 1240   | 0.46%  | 0.068% |
| 100 | 10.413 | 10.384 | 10.427 | VV | 56         | 984    | 0.37%  | 0.054% |
| 101 | 10.443 | 10.427 | 10.484 | VV | 76         | 1300   | 0.49%  | 0.071% |
| 102 | 10.503 | 10.484 | 10.538 | VV | 52         | 1249   | 0.47%  | 0.069% |
| 103 | 10.622 | 10.538 | 10.644 | VV | 105        | 4514   | 1.69%  | 0.248% |
| 104 | 10.668 | 10.644 | 10.723 | VV | 136        | 5010   | 1.87%  | 0.275% |
| 105 | 10.741 | 10.723 | 10.827 | VV | 104        | 5224   | 1.95%  | 0.287% |
| 106 | 10.838 | 10.827 | 10.905 | VV | 77         | 3013   | 1.13%  | 0.165% |
| 107 | 10.947 | 10.905 | 11.034 | VV | 114        | 6196   | 2.32%  | 0.340% |
| 108 | 11.052 | 11.034 | 11.092 | VV | 54         | 1557   | 0.58%  | 0.085% |
| 109 | 11.123 | 11.092 | 11.198 | VV | 79         | 3794   | 1.42%  | 0.208% |
| 110 | 11.214 | 11.198 | 11.240 | VV | 53         | 1084   | 0.41%  | 0.059% |
| 111 | 11.336 | 11.240 | 11.393 | VV | 84         | 4658   | 1.74%  | 0.256% |
| 112 | 11.405 | 11.393 | 11.454 | VV | 52         | 1378   | 0.52%  | 0.076% |
| 113 | 11.478 | 11.454 | 11.492 | VV | 60         | 1106   | 0.41%  | 0.061% |
| 114 | 11.510 | 11.492 | 11.543 | VV | 73         | 1786   | 0.67%  | 0.098% |
| 115 | 11.561 | 11.543 | 11.633 | VV | 76         | 1986   | 0.74%  | 0.109% |
| 116 | 11.687 | 11.633 | 11.723 | PV | 95         | 2369   | 0.89%  | 0.130% |
| 117 | 11.769 | 11.723 | 11.789 | VV | 81         | 2617   | 0.98%  | 0.144% |
| 118 | 11.827 | 11.789 | 11.938 | VV | 133        | 7269   | 2.72%  | 0.399% |
| 119 | 11.959 | 11.938 | 12.008 | VV | 62         | 2009   | 0.75%  | 0.110% |
| 120 | 12.048 | 12.008 | 12.062 | VV | 83         | 2064   | 0.77%  | 0.113% |
| 121 | 12.131 | 12.062 | 12.155 | VV | 101        | 4380   | 1.64%  | 0.240% |
| 122 | 12.240 | 12.155 | 12.342 | VV | 165        | 10459  | 3.91%  | 0.574% |
| 123 | 12.436 | 12.342 | 12.553 | PV | 152        | 10069  | 3.77%  | 0.553% |
| 124 | 12.577 | 12.553 | 12.592 | VV | 48         | 817    | 0.31%  | 0.045% |
| 125 | 12.650 | 12.592 | 12.724 | VV | 56         | 2884   | 1.08%  | 0.158% |
| 126 | 12.737 | 12.724 | 12.849 | VV | 42         | 1824   | 0.68%  | 0.100% |
| 127 | 12.879 | 12.849 | 12.904 | VV | 51         | 675    | 0.25%  | 0.037% |
| 128 | 12.949 | 12.904 | 13.017 | PV | 44         | 1976   | 0.74%  | 0.108% |
| 129 | 13.111 | 13.017 | 13.258 | VV | 732        | 37262  | 13.94% | 2.046% |
| 130 | 13.358 | 13.258 | 13.371 | PV | 200        | 6719   | 2.51%  | 0.369% |
| 131 | 13.395 | 13.371 | 13.463 | VV | 201        | 9479   | 3.55%  | 0.520% |
| 132 | 13.541 | 13.463 | 13.611 | VV | 419        | 21185  | 7.93%  | 1.163% |
| 133 | 13.694 | 13.611 | 13.791 | VV | 161        | 11898  | 4.45%  | 0.653% |
| 134 | 13.891 | 13.791 | 13.998 | VV | 449        | 27507  | 10.29% | 1.510% |
| 135 | 14.033 | 13.998 | 14.058 | VV | 100        | 2884   | 1.08%  | 0.158% |
| 136 | 14.168 | 14.058 | 14.215 | VV | 335        | 20037  | 7.50%  | 1.100% |
| 137 | 14.278 | 14.215 | 14.362 | VV | 546        | 28307  | 10.59% | 1.554% |
| 138 | 14.555 | 14.362 | 14.675 | VV | 1295       | 128887 | 48.22% | 7.076% |
| 139 | 14.780 | 14.675 | 14.896 | VV | 964        | 49745  | 18.61% | 2.731% |
| 140 | 14.908 | 14.896 | 14.972 | VV | 69         | 1882   | 0.70%  | 0.103% |
| 141 | 15.065 | 14.972 | 15.119 | PV | 104        | 4468   | 1.67%  | 0.245% |

|     |        |        |        |    |            |        |         |         |  |
|-----|--------|--------|--------|----|------------|--------|---------|---------|--|
|     |        |        |        |    | rteres.txt |        |         |         |  |
| 142 | 15.201 | 15.119 | 15.284 | PV | 195        | 10092  | 3.78%   | 0.554%  |  |
| 143 | 15.419 | 15.284 | 15.501 | VV | 4761       | 220802 | 82.61%  | 12.123% |  |
| 144 | 15.579 | 15.501 | 15.687 | VV | 981        | 87808  | 32.85%  | 4.821%  |  |
| 145 | 15.771 | 15.687 | 15.814 | VV | 2955       | 145744 | 54.53%  | 8.002%  |  |
| 146 | 15.863 | 15.814 | 15.996 | VV | 3490       | 178186 | 66.66%  | 9.783%  |  |
| 147 | 16.035 | 15.996 | 16.105 | VV | 357        | 14996  | 5.61%   | 0.823%  |  |
| 148 | 16.160 | 16.105 | 16.224 | PV | 348        | 13397  | 5.01%   | 0.736%  |  |
| 149 | 16.312 | 16.224 | 16.445 | VV | 2456       | 111915 | 41.87%  | 6.145%  |  |
| 150 | 16.557 | 16.445 | 16.678 | PV | 6600       | 267293 | 100.00% | 14.676% |  |

Sum of corrected areas: 1821353

FB070918.M Fri Jul 13 08:33:44 2018