

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_B\Data\FB032819\  
 Data File : FB020425.D  
 Signal(s) : FID2B.CH  
 Acq On : 28 Mar 2019 18:42  
 Sample : K2115-01  
 Misc :  
 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         | 4.831       | 4.804        | 4.843      | BV       | 15             | 128          | 0.05%          | 0.016%        |
| 2         | 4.879       | 4.843        | 4.892      | PV       | 24             | 407          | 0.15%          | 0.051%        |
| 3         | 4.905       | 4.892        | 4.916      | VV       | 39             | 427          | 0.15%          | 0.054%        |
| 4         | 4.929       | 4.916        | 4.987      | VV       | 48             | 1021         | 0.37%          | 0.129%        |
| 5         | 4.997       | 4.987        | 5.003      | PV       | 28             | 172          | 0.06%          | 0.022%        |
| 6         | 5.102       | 5.003        | 5.281      | VV       | 1361           | 78745        | 28.32%         | 9.927%        |
| 7         | 5.292       | 5.281        | 5.325      | VV       | 42             | 769          | 0.28%          | 0.097%        |
| 8         | 5.333       | 5.325        | 5.355      | VV       | 19             | 267          | 0.10%          | 0.034%        |
| 9         | 5.375       | 5.355        | 5.391      | VV       | 44             | 376          | 0.14%          | 0.047%        |
| 10        | 5.399       | 5.391        | 5.422      | VV       | 26             | 294          | 0.11%          | 0.037%        |
| 11        | 5.579       | 5.422        | 5.741      | VV       | 3155           | 194418       | 69.92%         | 24.509%       |
| 12        | 5.757       | 5.741        | 5.768      | VV       | 23             | 293          | 0.11%          | 0.037%        |
| 13        | 5.789       | 5.768        | 5.823      | VV       | 33             | 555          | 0.20%          | 0.070%        |
| 14        | 5.839       | 5.823        | 5.859      | VV       | 28             | 416          | 0.15%          | 0.052%        |
| 15        | 5.866       | 5.859        | 5.877      | VV       | 30             | 208          | 0.07%          | 0.026%        |
| 16        | 5.888       | 5.877        | 5.898      | VV       | 21             | 192          | 0.07%          | 0.024%        |
| 17        | 5.914       | 5.898        | 5.927      | VV       | 35             | 292          | 0.10%          | 0.037%        |
| 18        | 5.948       | 5.927        | 5.956      | VV       | 33             | 255          | 0.09%          | 0.032%        |
| 19        | 5.970       | 5.956        | 5.981      | PV       | 25             | 219          | 0.08%          | 0.028%        |
| 20        | 5.990       | 5.981        | 6.007      | VV       | 21             | 215          | 0.08%          | 0.027%        |
| 21        | 6.024       | 6.007        | 6.085      | VV       | 30             | 738          | 0.27%          | 0.093%        |
| 22        | 6.098       | 6.085        | 6.121      | VV       | 31             | 361          | 0.13%          | 0.046%        |
| 23        | 6.135       | 6.121        | 6.144      | VV       | 28             | 221          | 0.08%          | 0.028%        |
| 24        | 6.151       | 6.144        | 6.159      | VV       | 16             | 99           | 0.04%          | 0.013%        |
| 25        | 6.173       | 6.159        | 6.196      | VV       | 28             | 295          | 0.11%          | 0.037%        |
| 26        | 6.238       | 6.196        | 6.287      | VV       | 33             | 917          | 0.33%          | 0.116%        |
| 27        | 6.296       | 6.287        | 6.306      | VV       | 30             | 201          | 0.07%          | 0.025%        |
| 28        | 6.316       | 6.306        | 6.330      | VV       | 32             | 278          | 0.10%          | 0.035%        |
| 29        | 6.397       | 6.330        | 6.408      | VV       | 52             | 1549         | 0.56%          | 0.195%        |
| 30        | 6.432       | 6.408        | 6.448      | VV       | 48             | 801          | 0.29%          | 0.101%        |
| 31        | 6.459       | 6.448        | 6.473      | VV       | 40             | 451          | 0.16%          | 0.057%        |
| 32        | 6.482       | 6.473        | 6.494      | VV       | 37             | 343          | 0.12%          | 0.043%        |
| 33        | 6.514       | 6.494        | 6.522      | VV       | 33             | 448          | 0.16%          | 0.056%        |
| 34        | 6.550       | 6.522        | 6.568      | VV       | 45             | 1047         | 0.38%          | 0.132%        |
| 35        | 6.591       | 6.568        | 6.673      | VV       | 54             | 2741         | 0.99%          | 0.346%        |
| 36        | 6.681       | 6.673        | 6.700      | VV       | 38             | 350          | 0.13%          | 0.044%        |

|    |       |       |       |    | rteres |      |       |        |
|----|-------|-------|-------|----|--------|------|-------|--------|
| 37 | 6.708 | 6.700 | 6.721 | VV | 26     | 195  | 0.07% | 0.025% |
| 38 | 6.731 | 6.721 | 6.754 | VV | 36     | 405  | 0.15% | 0.051% |
| 39 | 6.790 | 6.754 | 6.813 | VV | 27     | 648  | 0.23% | 0.082% |
| 40 | 6.826 | 6.813 | 6.860 | VV | 29     | 519  | 0.19% | 0.065% |
|    |       |       |       |    |        |      |       |        |
| 41 | 6.874 | 6.860 | 6.916 | VV | 34     | 743  | 0.27% | 0.094% |
| 42 | 6.925 | 6.916 | 6.939 | VV | 27     | 283  | 0.10% | 0.036% |
| 43 | 6.946 | 6.939 | 6.956 | VV | 34     | 227  | 0.08% | 0.029% |
| 44 | 6.965 | 6.956 | 6.979 | VV | 29     | 266  | 0.10% | 0.033% |
| 45 | 7.030 | 6.979 | 7.040 | PV | 37     | 642  | 0.23% | 0.081% |
|    |       |       |       |    |        |      |       |        |
| 46 | 7.052 | 7.040 | 7.070 | VV | 19     | 271  | 0.10% | 0.034% |
| 47 | 7.085 | 7.070 | 7.141 | VV | 29     | 980  | 0.35% | 0.124% |
| 48 | 7.151 | 7.141 | 7.160 | VV | 40     | 296  | 0.11% | 0.037% |
| 49 | 7.197 | 7.160 | 7.217 | VV | 44     | 797  | 0.29% | 0.100% |
| 50 | 7.234 | 7.217 | 7.245 | VV | 29     | 405  | 0.15% | 0.051% |
|    |       |       |       |    |        |      |       |        |
| 51 | 7.278 | 7.245 | 7.318 | VV | 32     | 1141 | 0.41% | 0.144% |
| 52 | 7.324 | 7.318 | 7.345 | VV | 37     | 440  | 0.16% | 0.055% |
| 53 | 7.370 | 7.345 | 7.397 | VV | 43     | 894  | 0.32% | 0.113% |
| 54 | 7.416 | 7.397 | 7.437 | VV | 38     | 592  | 0.21% | 0.075% |
| 55 | 7.452 | 7.437 | 7.494 | VV | 29     | 573  | 0.21% | 0.072% |
|    |       |       |       |    |        |      |       |        |
| 56 | 7.517 | 7.494 | 7.538 | VV | 28     | 476  | 0.17% | 0.060% |
| 57 | 7.547 | 7.538 | 7.553 | VV | 21     | 161  | 0.06% | 0.020% |
| 58 | 7.594 | 7.553 | 7.608 | VV | 39     | 975  | 0.35% | 0.123% |
| 59 | 7.627 | 7.608 | 7.649 | VV | 55     | 1099 | 0.40% | 0.139% |
| 60 | 7.669 | 7.649 | 7.677 | VV | 61     | 851  | 0.31% | 0.107% |
|    |       |       |       |    |        |      |       |        |
| 61 | 7.683 | 7.677 | 7.688 | VV | 47     | 264  | 0.09% | 0.033% |
| 62 | 7.696 | 7.688 | 7.726 | VV | 58     | 919  | 0.33% | 0.116% |
| 63 | 7.749 | 7.726 | 7.775 | VV | 36     | 767  | 0.28% | 0.097% |
| 64 | 7.783 | 7.775 | 7.796 | VV | 26     | 238  | 0.09% | 0.030% |
| 65 | 7.805 | 7.796 | 7.811 | VV | 29     | 175  | 0.06% | 0.022% |
|    |       |       |       |    |        |      |       |        |
| 66 | 7.818 | 7.811 | 7.844 | VV | 29     | 359  | 0.13% | 0.045% |
| 67 | 7.863 | 7.844 | 7.876 | VV | 39     | 470  | 0.17% | 0.059% |
| 68 | 7.887 | 7.876 | 7.913 | VV | 32     | 512  | 0.18% | 0.065% |
| 69 | 7.942 | 7.913 | 7.958 | VV | 37     | 674  | 0.24% | 0.085% |
| 70 | 7.964 | 7.958 | 7.969 | VV | 35     | 190  | 0.07% | 0.024% |
|    |       |       |       |    |        |      |       |        |
| 71 | 7.976 | 7.969 | 7.981 | VV | 38     | 240  | 0.09% | 0.030% |
| 72 | 7.990 | 7.981 | 8.027 | VV | 43     | 930  | 0.33% | 0.117% |
| 73 | 8.037 | 8.027 | 8.057 | VV | 41     | 614  | 0.22% | 0.077% |
| 74 | 8.067 | 8.057 | 8.077 | VV | 42     | 389  | 0.14% | 0.049% |
| 75 | 8.103 | 8.077 | 8.110 | VV | 62     | 876  | 0.32% | 0.110% |
|    |       |       |       |    |        |      |       |        |
| 76 | 8.130 | 8.110 | 8.140 | VV | 74     | 1175 | 0.42% | 0.148% |
| 77 | 8.154 | 8.140 | 8.214 | VV | 76     | 2130 | 0.77% | 0.269% |
| 78 | 8.235 | 8.214 | 8.259 | VV | 33     | 589  | 0.21% | 0.074% |
| 79 | 8.267 | 8.259 | 8.282 | VV | 30     | 332  | 0.12% | 0.042% |
| 80 | 8.288 | 8.282 | 8.308 | VV | 30     | 384  | 0.14% | 0.048% |
|    |       |       |       |    |        |      |       |        |
| 81 | 8.319 | 8.308 | 8.330 | VV | 33     | 314  | 0.11% | 0.040% |
| 82 | 8.342 | 8.330 | 8.370 | VV | 25     | 513  | 0.18% | 0.065% |
| 83 | 8.378 | 8.370 | 8.405 | VV | 31     | 387  | 0.14% | 0.049% |
| 84 | 8.415 | 8.405 | 8.431 | VV | 21     | 226  | 0.08% | 0.029% |
| 85 | 8.486 | 8.431 | 8.541 | VV | 44     | 1860 | 0.67% | 0.235% |
|    |       |       |       |    |        |      |       |        |
| 86 | 8.551 | 8.541 | 8.560 | VV | 37     | 291  | 0.10% | 0.037% |
| 87 | 8.566 | 8.560 | 8.598 | VV | 28     | 434  | 0.16% | 0.055% |
| 88 | 8.610 | 8.598 | 8.634 | VV | 25     | 398  | 0.14% | 0.050% |
| 89 | 8.643 | 8.634 | 8.651 | VV | 40     | 276  | 0.10% | 0.035% |

|     |        |        |        |    |        |        |         |         |
|-----|--------|--------|--------|----|--------|--------|---------|---------|
|     |        |        |        |    | rteres |        |         |         |
| 90  | 8.657  | 8.651  | 8.684  | VV | 26     | 393    | 0.14%   | 0.050%  |
| 91  | 8.693  | 8.684  | 8.701  | VV | 36     | 283    | 0.10%   | 0.036%  |
| 92  | 8.730  | 8.701  | 8.743  | VV | 40     | 825    | 0.30%   | 0.104%  |
| 93  | 8.797  | 8.743  | 8.804  | VV | 45     | 1281   | 0.46%   | 0.162%  |
| 94  | 8.813  | 8.804  | 8.848  | VV | 55     | 1005   | 0.36%   | 0.127%  |
| 95  | 8.862  | 8.848  | 8.873  | VV | 37     | 477    | 0.17%   | 0.060%  |
| 96  | 8.881  | 8.873  | 8.892  | VV | 30     | 270    | 0.10%   | 0.034%  |
| 97  | 8.902  | 8.892  | 8.911  | VV | 38     | 318    | 0.11%   | 0.040%  |
| 98  | 9.044  | 8.911  | 9.219  | VV | 5013   | 278054 | 100.00% | 35.052% |
| 99  | 9.243  | 9.219  | 9.278  | VV | 59     | 1297   | 0.47%   | 0.163%  |
| 100 | 9.322  | 9.278  | 9.330  | VV | 50     | 1127   | 0.41%   | 0.142%  |
| 101 | 9.422  | 9.330  | 9.521  | VV | 192    | 13686  | 4.92%   | 1.725%  |
| 102 | 9.643  | 9.521  | 9.651  | VV | 443    | 17626  | 6.34%   | 2.222%  |
| 103 | 9.658  | 9.651  | 9.806  | VV | 447    | 17385  | 6.25%   | 2.192%  |
| 104 | 9.822  | 9.806  | 9.841  | VV | 40     | 660    | 0.24%   | 0.083%  |
| 105 | 9.910  | 9.841  | 9.932  | VV | 81     | 2768   | 1.00%   | 0.349%  |
| 106 | 10.025 | 9.932  | 10.162 | VV | 228    | 16307  | 5.86%   | 2.056%  |
| 107 | 10.169 | 10.162 | 10.179 | VV | 29     | 190    | 0.07%   | 0.024%  |
| 108 | 10.189 | 10.179 | 10.205 | PV | 25     | 264    | 0.09%   | 0.033%  |
| 109 | 10.218 | 10.205 | 10.226 | VV | 34     | 239    | 0.09%   | 0.030%  |
| 110 | 10.250 | 10.226 | 10.290 | VV | 33     | 723    | 0.26%   | 0.091%  |
| 111 | 10.300 | 10.290 | 10.320 | VV | 26     | 278    | 0.10%   | 0.035%  |
| 112 | 10.329 | 10.320 | 10.354 | VV | 26     | 408    | 0.15%   | 0.051%  |
| 113 | 10.374 | 10.354 | 10.387 | VV | 34     | 397    | 0.14%   | 0.050%  |
| 114 | 10.408 | 10.387 | 10.428 | VV | 30     | 465    | 0.17%   | 0.059%  |
| 115 | 10.489 | 10.428 | 10.501 | VV | 36     | 993    | 0.36%   | 0.125%  |
| 116 | 10.549 | 10.501 | 10.625 | VV | 60     | 3329   | 1.20%   | 0.420%  |
| 117 | 10.642 | 10.625 | 10.707 | VV | 39     | 1638   | 0.59%   | 0.207%  |
| 118 | 10.738 | 10.707 | 10.753 | VV | 34     | 890    | 0.32%   | 0.112%  |
| 119 | 10.787 | 10.753 | 10.816 | VV | 61     | 1545   | 0.56%   | 0.195%  |
| 120 | 10.894 | 10.816 | 10.958 | VV | 120    | 6458   | 2.32%   | 0.814%  |
| 121 | 10.980 | 10.958 | 11.080 | VV | 71     | 3720   | 1.34%   | 0.469%  |
| 122 | 11.094 | 11.080 | 11.223 | VV | 42     | 2547   | 0.92%   | 0.321%  |
| 123 | 11.272 | 11.223 | 11.344 | VV | 37     | 1790   | 0.64%   | 0.226%  |
| 124 | 11.364 | 11.344 | 11.386 | VV | 33     | 525    | 0.19%   | 0.066%  |
| 125 | 11.423 | 11.386 | 11.441 | VV | 40     | 830    | 0.30%   | 0.105%  |
| 126 | 11.487 | 11.441 | 11.520 | VV | 33     | 1140   | 0.41%   | 0.144%  |
| 127 | 11.536 | 11.520 | 11.576 | VV | 32     | 458    | 0.16%   | 0.058%  |
| 128 | 11.704 | 11.576 | 11.817 | VV | 61     | 4408   | 1.59%   | 0.556%  |
| 129 | 11.844 | 11.817 | 11.894 | VV | 31     | 958    | 0.34%   | 0.121%  |
| 130 | 11.907 | 11.894 | 11.927 | VV | 25     | 446    | 0.16%   | 0.056%  |
| 131 | 11.935 | 11.927 | 11.955 | VV | 33     | 391    | 0.14%   | 0.049%  |
| 132 | 12.052 | 11.955 | 12.107 | VV | 49     | 2713   | 0.98%   | 0.342%  |
| 133 | 12.147 | 12.107 | 12.166 | VV | 40     | 1059   | 0.38%   | 0.133%  |
| 134 | 12.181 | 12.166 | 12.247 | VV | 37     | 1106   | 0.40%   | 0.139%  |
| 135 | 12.259 | 12.247 | 12.294 | VV | 24     | 480    | 0.17%   | 0.061%  |
| 136 | 12.311 | 12.294 | 12.331 | VV | 29     | 469    | 0.17%   | 0.059%  |
| 137 | 12.342 | 12.331 | 12.355 | VV | 36     | 428    | 0.15%   | 0.054%  |
| 138 | 12.382 | 12.355 | 12.470 | VV | 62     | 2732   | 0.98%   | 0.344%  |
| 139 | 12.615 | 12.470 | 12.637 | VV | 56     | 4264   | 1.53%   | 0.537%  |
| 140 | 12.644 | 12.637 | 12.756 | VV | 63     | 2078   | 0.75%   | 0.262%  |
| 141 | 12.772 | 12.756 | 12.832 | VV | 38     | 665    | 0.24%   | 0.084%  |

|     |        |        |        |                         |        |        |       |        |  |
|-----|--------|--------|--------|-------------------------|--------|--------|-------|--------|--|
|     |        |        |        |                         | rteres |        |       |        |  |
| 142 | 12.845 | 12.832 | 12.872 | VV                      | 21     | 362    | 0.13% | 0.046% |  |
| 143 | 12.944 | 12.872 | 12.956 | VV                      | 36     | 991    | 0.36% | 0.125% |  |
| 144 | 13.049 | 12.956 | 13.152 | VV                      | 50     | 3509   | 1.26% | 0.442% |  |
| 145 | 13.170 | 13.152 | 13.230 | VV                      | 30     | 1246   | 0.45% | 0.157% |  |
| 146 | 13.242 | 13.230 | 13.254 | VV                      | 26     | 371    | 0.13% | 0.047% |  |
| 147 | 13.343 | 13.254 | 13.413 | VV                      | 67     | 4122   | 1.48% | 0.520% |  |
| 148 | 13.468 | 13.413 | 13.544 | VV                      | 101    | 4938   | 1.78% | 0.622% |  |
| 149 | 13.563 | 13.544 | 13.600 | VV                      | 38     | 780    | 0.28% | 0.098% |  |
| 150 | 13.611 | 13.600 | 13.669 | VV                      | 31     | 887    | 0.32% | 0.112% |  |
| 151 | 13.706 | 13.669 | 13.756 | VV                      | 31     | 1089   | 0.39% | 0.137% |  |
| 152 | 13.780 | 13.756 | 13.829 | VV                      | 36     | 950    | 0.34% | 0.120% |  |
| 153 | 13.885 | 13.829 | 13.966 | VV                      | 38     | 1838   | 0.66% | 0.232% |  |
| 154 | 14.000 | 13.966 | 14.027 | PV                      | 34     | 722    | 0.26% | 0.091% |  |
| 155 | 14.038 | 14.027 | 14.088 | VV                      | 31     | 730    | 0.26% | 0.092% |  |
| 156 | 14.203 | 14.088 | 14.315 | VV                      | 85     | 6123   | 2.20% | 0.772% |  |
| 157 | 14.406 | 14.315 | 14.508 | VV                      | 81     | 5556   | 2.00% | 0.700% |  |
| 158 | 14.525 | 14.508 | 14.589 | VV                      | 32     | 1043   | 0.38% | 0.131% |  |
| 159 | 14.606 | 14.589 | 14.636 | VV                      | 32     | 585    | 0.21% | 0.074% |  |
| 160 | 14.685 | 14.636 | 14.720 | VV                      | 25     | 1121   | 0.40% | 0.141% |  |
| 161 | 14.729 | 14.720 | 14.741 | VV                      | 26     | 271    | 0.10% | 0.034% |  |
| 162 | 14.837 | 14.741 | 14.923 | VV                      | 82     | 4380   | 1.58% | 0.552% |  |
| 163 | 14.934 | 14.923 | 14.957 | VV                      | 32     | 409    | 0.15% | 0.052% |  |
| 164 | 15.001 | 14.957 | 15.016 | VV                      | 28     | 702    | 0.25% | 0.088% |  |
| 165 | 15.041 | 15.016 | 15.085 | VV                      | 29     | 634    | 0.23% | 0.080% |  |
| 166 | 15.097 | 15.085 | 15.179 | VV                      | 20     | 998    | 0.36% | 0.126% |  |
| 167 | 15.198 | 15.179 | 15.214 | VV                      | 31     | 422    | 0.15% | 0.053% |  |
| 168 | 15.287 | 15.214 | 15.308 | VV                      | 34     | 1318   | 0.47% | 0.166% |  |
| 169 | 15.337 | 15.308 | 15.485 | VV                      | 40     | 2722   | 0.98% | 0.343% |  |
| 170 | 15.529 | 15.485 | 15.646 | VV                      | 33     | 1706   | 0.61% | 0.215% |  |
| 171 | 15.698 | 15.646 | 15.866 | VV                      | 48     | 3756   | 1.35% | 0.473% |  |
| 172 | 15.888 | 15.866 | 15.910 | VV                      | 22     | 430    | 0.15% | 0.054% |  |
| 173 | 15.926 | 15.910 | 15.964 | VV                      | 30     | 587    | 0.21% | 0.074% |  |
| 174 | 15.992 | 15.964 | 16.080 | VV                      | 33     | 1370   | 0.49% | 0.173% |  |
| 175 | 16.234 | 16.080 | 16.381 | VV                      | 61     | 4621   | 1.66% | 0.583% |  |
| 176 | 16.488 | 16.381 | 16.625 | PV                      | 80     | 5864   | 2.11% | 0.739% |  |
|     |        |        |        | Sum of corrected areas: |        | 793253 |       |        |  |

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