

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF081018\  
 Data File : FF001781.D  
 Signal(s) : FID2B.ch  
 Acq On : 10 Aug 2018 11:37  
 Sample : J4276-01 10X  
 Misc :  
 ALS Vial : 55 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\FF073018.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         | 4.083       | 4.072        | 4.092      | BH       | 66             | 195          | 0.00%          | 0.000%        |
| 2         | 4.108       | 4.092        | 4.132      | PH       | 186            | 2022         | 0.03%          | 0.002%        |
| 3         | 4.152       | 4.132        | 4.171      | HH       | 156            | 1893         | 0.03%          | 0.002%        |
| 4         | 4.175       | 4.171        | 4.193      | HH       | 87             | 405          | 0.01%          | 0.000%        |
| 5         | 4.212       | 4.193        | 4.231      | PH       | 264            | 2141         | 0.04%          | 0.002%        |
| 6         | 4.251       | 4.231        | 4.257      | PH       | 210            | 1637         | 0.03%          | 0.002%        |
| 7         | 4.259       | 4.257        | 4.274      | HH       | 222            | 1424         | 0.02%          | 0.001%        |
| 8         | 4.279       | 4.274        | 4.297      | HH       | 149            | 1392         | 0.02%          | 0.001%        |
| 9         | 4.362       | 4.297        | 4.374      | HH       | 689            | 12908        | 0.21%          | 0.012%        |
| 10        | 4.378       | 4.374        | 4.418      | HH       | 376            | 6917         | 0.12%          | 0.006%        |
| 11        | 4.427       | 4.418        | 4.439      | HH       | 234            | 1987         | 0.03%          | 0.002%        |
| 12        | 4.441       | 4.439        | 4.447      | HH       | 173            | 497          | 0.01%          | 0.000%        |
| 13        | 4.451       | 4.447        | 4.455      | HH       | 77             | 386          | 0.01%          | 0.000%        |
| 14        | 4.461       | 4.455        | 4.467      | HH       | 126            | 672          | 0.01%          | 0.001%        |
| 15        | 4.484       | 4.467        | 4.512      | HH       | 282            | 3802         | 0.06%          | 0.004%        |
| 16        | 4.520       | 4.512        | 4.528      | HH       | 45             | 166          | 0.00%          | 0.000%        |
| 17        | 4.556       | 4.528        | 4.581      | PH       | 276            | 2923         | 0.05%          | 0.003%        |
| 18        | 4.584       | 4.581        | 4.615      | PH       | 60             | -518         | -0.01%         | -0.000%       |
| 19        | 4.623       | 4.615        | 4.636      | PH       | 57             | -6           | -0.00%         | -0.000%       |
| 20        | 4.640       | 4.636        | 4.644      | PH       | -72            | -214         | -0.00%         | -0.000%       |
| 21        | 4.659       | 4.644        | 4.671      | PH       | 81             | -332         | -0.01%         | -0.000%       |
| 22        | 4.675       | 4.671        | 4.688      | PH       | 65             | 101          | 0.00%          | 0.000%        |
| 23        | 4.697       | 4.688        | 4.704      | PH       | -2             | -248         | -0.00%         | -0.000%       |
| 24        | 4.709       | 4.704        | 4.722      | PH       | 82             | -55          | -0.00%         | -0.000%       |
| 25        | 4.742       | 4.722        | 4.757      | PH       | 134            | 713          | 0.01%          | 0.001%        |
| 26        | 4.784       | 4.757        | 4.808      | PH       | 191            | 2001         | 0.03%          | 0.002%        |
| 27        | 4.819       | 4.808        | 4.840      | PH       | 111            | 914          | 0.02%          | 0.001%        |
| 28        | 4.849       | 4.840        | 4.888      | PH       | 91             | -957         | -0.02%         | -0.001%       |
| 29        | 4.911       | 4.888        | 4.919      | PH       | 96             | -10          | -0.00%         | -0.000%       |
| 30        | 4.928       | 4.919        | 4.963      | HH       | 162            | 954          | 0.02%          | 0.001%        |
| 31        | 4.967       | 4.963        | 4.973      | PH       | -63            | -412         | -0.01%         | -0.000%       |
| 32        | 5.011       | 4.973        | 5.019      | PH       | 158            | 729          | 0.01%          | 0.001%        |
| 33        | 5.022       | 5.019        | 5.057      | HH       | 138            | 347          | 0.01%          | 0.000%        |
| 34        | 5.064       | 5.057        | 5.094      | PH       | 14             | -1595        | -0.03%         | -0.001%       |
| 35        | 5.097       | 5.094        | 5.104      | PH       | -60            | -624         | -0.01%         | -0.001%       |
| 36        | 5.109       | 5.104        | 5.118      | PH       | -117           | -1151        | -0.02%         | -0.001%       |

|    |       |       |       |    |            |        |        |         |
|----|-------|-------|-------|----|------------|--------|--------|---------|
|    |       |       |       |    | rteres.txt |        |        |         |
| 37 | 5.140 | 5.118 | 5.202 | PH | 721        | 9555   | 0.16%  | 0.009%  |
| 38 | 5.207 | 5.202 | 5.234 | PH | 1          | -1322  | -0.02% | -0.001% |
| 39 | 5.246 | 5.234 | 5.265 | PH | 17         | -765   | -0.01% | -0.001% |
| 40 | 5.269 | 5.265 | 5.283 | PH | -47        | -1088  | -0.02% | -0.001% |
| 41 | 5.300 | 5.283 | 5.315 | PH | 174        | 260    | 0.00%  | 0.000%  |
| 42 | 5.325 | 5.315 | 5.342 | PH | 38         | -513   | -0.01% | -0.000% |
| 43 | 5.345 | 5.342 | 5.367 | PH | -62        | -1363  | -0.02% | -0.001% |
| 44 | 5.373 | 5.367 | 5.393 | PH | 4          | -899   | -0.01% | -0.001% |
| 45 | 5.419 | 5.393 | 5.428 | PH | 367        | 4127   | 0.07%  | 0.004%  |
| 46 | 5.434 | 5.428 | 5.442 | HH | 357        | 2325   | 0.04%  | 0.002%  |
| 47 | 5.445 | 5.442 | 5.455 | HH | 311        | 1873   | 0.03%  | 0.002%  |
| 48 | 5.462 | 5.455 | 5.494 | HH | 440        | 5603   | 0.09%  | 0.005%  |
| 49 | 5.499 | 5.494 | 5.502 | HH | 194        | 775    | 0.01%  | 0.001%  |
| 50 | 5.509 | 5.502 | 5.562 | HH | 248        | 439    | 0.01%  | 0.000%  |
| 51 | 5.587 | 5.562 | 5.612 | PH | 51         | -1937  | -0.03% | -0.002% |
| 52 | 5.636 | 5.612 | 5.656 | PH | 63         | -499   | -0.01% | -0.000% |
| 53 | 5.705 | 5.656 | 5.756 | PH | 1407       | 45006  | 0.75%  | 0.041%  |
| 54 | 5.769 | 5.756 | 5.794 | HH | 759        | 14407  | 0.24%  | 0.013%  |
| 55 | 5.806 | 5.794 | 5.821 | HH | 588        | 8484   | 0.14%  | 0.008%  |
| 56 | 5.834 | 5.821 | 5.840 | HH | 583        | 5979   | 0.10%  | 0.006%  |
| 57 | 5.844 | 5.840 | 5.878 | HH | 614        | 8055   | 0.13%  | 0.007%  |
| 58 | 5.889 | 5.878 | 5.906 | HH | 387        | 5471   | 0.09%  | 0.005%  |
| 59 | 5.910 | 5.906 | 5.918 | HH | 358        | 2286   | 0.04%  | 0.002%  |
| 60 | 5.933 | 5.918 | 5.937 | HH | 411        | 3712   | 0.06%  | 0.003%  |
| 61 | 5.942 | 5.937 | 5.965 | HH | 425        | 4678   | 0.08%  | 0.004%  |
| 62 | 6.013 | 5.965 | 6.022 | HH | 512        | 12048  | 0.20%  | 0.011%  |
| 63 | 6.038 | 6.022 | 6.050 | HH | 697        | 9781   | 0.16%  | 0.009%  |
| 64 | 6.056 | 6.050 | 6.092 | HH | 657        | 13609  | 0.23%  | 0.013%  |
| 65 | 6.115 | 6.092 | 6.167 | HH | 1380       | 30637  | 0.51%  | 0.028%  |
| 66 | 6.172 | 6.167 | 6.184 | HH | 325        | 2832   | 0.05%  | 0.003%  |
| 67 | 6.189 | 6.184 | 6.213 | HH | 342        | 4029   | 0.07%  | 0.004%  |
| 68 | 6.226 | 6.213 | 6.242 | HH | 323        | 4039   | 0.07%  | 0.004%  |
| 69 | 6.258 | 6.242 | 6.274 | HH | 711        | 9266   | 0.15%  | 0.009%  |
| 70 | 6.279 | 6.274 | 6.283 | HH | 331        | 1560   | 0.03%  | 0.001%  |
| 71 | 6.288 | 6.283 | 6.322 | HH | 365        | 5000   | 0.08%  | 0.005%  |
| 72 | 6.354 | 6.322 | 6.369 | HH | 224        | 3081   | 0.05%  | 0.003%  |
| 73 | 6.387 | 6.369 | 6.409 | HH | 414        | 5050   | 0.08%  | 0.005%  |
| 74 | 6.425 | 6.409 | 6.442 | HH | 375        | 5751   | 0.10%  | 0.005%  |
| 75 | 6.454 | 6.442 | 6.474 | HH | 462        | 5539   | 0.09%  | 0.005%  |
| 76 | 6.502 | 6.474 | 6.533 | HH | 997        | 19242  | 0.32%  | 0.018%  |
| 77 | 6.545 | 6.533 | 6.559 | HH | 450        | 5558   | 0.09%  | 0.005%  |
| 78 | 6.585 | 6.559 | 6.596 | HH | 538        | 7601   | 0.13%  | 0.007%  |
| 79 | 6.619 | 6.596 | 6.640 | HH | 781        | 15353  | 0.26%  | 0.014%  |
| 80 | 6.662 | 6.640 | 6.668 | HH | 938        | 11979  | 0.20%  | 0.011%  |
| 81 | 6.671 | 6.668 | 6.691 | HH | 849        | 8181   | 0.14%  | 0.008%  |
| 82 | 6.744 | 6.691 | 6.790 | HH | 2590       | 93712  | 1.56%  | 0.086%  |
| 83 | 6.808 | 6.790 | 6.839 | HH | 2225       | 47670  | 0.79%  | 0.044%  |
| 84 | 6.865 | 6.839 | 6.918 | HH | 4621       | 118030 | 1.96%  | 0.109%  |
| 85 | 6.929 | 6.918 | 6.948 | HH | 1383       | 22344  | 0.37%  | 0.021%  |
| 86 | 6.963 | 6.948 | 6.982 | HH | 1114       | 21314  | 0.35%  | 0.020%  |
| 87 | 7.007 | 6.982 | 7.014 | HH | 1694       | 25913  | 0.43%  | 0.024%  |
| 88 | 7.031 | 7.014 | 7.066 | HH | 2997       | 56589  | 0.94%  | 0.052%  |
| 89 | 7.073 | 7.066 | 7.096 | HH | 1100       | 18124  | 0.30%  | 0.017%  |

|     |       |       |       |    |            |        |        |        |
|-----|-------|-------|-------|----|------------|--------|--------|--------|
|     |       |       |       |    | rteres.txt |        |        |        |
| 90  | 7.109 | 7.096 | 7.139 | HH | 996        | 21482  | 0.36%  | 0.020% |
| 91  | 7.153 | 7.139 | 7.177 | HH | 801        | 16780  | 0.28%  | 0.015% |
| 92  | 7.197 | 7.177 | 7.232 | HH | 1629       | 37792  | 0.63%  | 0.035% |
| 93  | 7.242 | 7.232 | 7.265 | HH | 890        | 15641  | 0.26%  | 0.014% |
| 94  | 7.294 | 7.265 | 7.317 | HH | 1243       | 28667  | 0.48%  | 0.026% |
| 95  | 7.356 | 7.317 | 7.370 | HH | 1125       | 29631  | 0.49%  | 0.027% |
| 96  | 7.388 | 7.370 | 7.423 | HH | 1300       | 29949  | 0.50%  | 0.028% |
| 97  | 7.448 | 7.423 | 7.466 | HH | 1345       | 28242  | 0.47%  | 0.026% |
| 98  | 7.486 | 7.466 | 7.532 | HH | 2684       | 69968  | 1.16%  | 0.064% |
| 99  | 7.551 | 7.532 | 7.563 | HH | 1650       | 27990  | 0.47%  | 0.026% |
| 100 | 7.584 | 7.563 | 7.601 | HH | 3056       | 52798  | 0.88%  | 0.049% |
| 101 | 7.618 | 7.601 | 7.634 | HH | 3344       | 55163  | 0.92%  | 0.051% |
| 102 | 7.647 | 7.634 | 7.669 | HH | 4169       | 63638  | 1.06%  | 0.059% |
| 103 | 7.680 | 7.669 | 7.696 | HH | 2169       | 31550  | 0.52%  | 0.029% |
| 104 | 7.719 | 7.696 | 7.779 | HH | 4555       | 158272 | 2.63%  | 0.146% |
| 105 | 7.818 | 7.779 | 7.834 | HH | 7180       | 143689 | 2.39%  | 0.132% |
| 106 | 7.842 | 7.834 | 7.878 | HH | 6088       | 137521 | 2.29%  | 0.127% |
| 107 | 7.897 | 7.878 | 7.929 | HH | 7670       | 153230 | 2.55%  | 0.141% |
| 108 | 7.940 | 7.929 | 7.947 | HH | 3110       | 33744  | 0.56%  | 0.031% |
| 109 | 7.997 | 7.947 | 8.079 | HH | 27412      | 729669 | 12.14% | 0.673% |
| 110 | 8.099 | 8.079 | 8.127 | HH | 4822       | 122288 | 2.03%  | 0.113% |
| 111 | 8.134 | 8.127 | 8.187 | HH | 3652       | 102345 | 1.70%  | 0.094% |
| 112 | 8.197 | 8.187 | 8.214 | HH | 2613       | 38813  | 0.65%  | 0.036% |
| 113 | 8.245 | 8.214 | 8.254 | HH | 3236       | 65097  | 1.08%  | 0.060% |
| 114 | 8.256 | 8.254 | 8.270 | HH | 3273       | 29032  | 0.48%  | 0.027% |
| 115 | 8.292 | 8.270 | 8.312 | HH | 9711       | 167033 | 2.78%  | 0.154% |
| 116 | 8.323 | 8.312 | 8.344 | HH | 6589       | 105091 | 1.75%  | 0.097% |
| 117 | 8.361 | 8.344 | 8.378 | HH | 5116       | 93012  | 1.55%  | 0.086% |
| 118 | 8.389 | 8.378 | 8.409 | HH | 4421       | 73499  | 1.22%  | 0.068% |
| 119 | 8.430 | 8.409 | 8.456 | HH | 7065       | 136383 | 2.27%  | 0.126% |
| 120 | 8.464 | 8.456 | 8.469 | HH | 3286       | 25799  | 0.43%  | 0.024% |
| 121 | 8.490 | 8.469 | 8.513 | HH | 3994       | 96859  | 1.61%  | 0.089% |
| 122 | 8.538 | 8.513 | 8.567 | HH | 4447       | 126856 | 2.11%  | 0.117% |
| 123 | 8.589 | 8.567 | 8.600 | HH | 5849       | 103906 | 1.73%  | 0.096% |
| 124 | 8.632 | 8.600 | 8.674 | HH | 7704       | 259333 | 4.31%  | 0.239% |
| 125 | 8.680 | 8.674 | 8.687 | HH | 4607       | 34158  | 0.57%  | 0.031% |
| 126 | 8.714 | 8.687 | 8.734 | HH | 12024      | 219545 | 3.65%  | 0.202% |
| 127 | 8.744 | 8.734 | 8.781 | HH | 6292       | 149419 | 2.49%  | 0.138% |
| 128 | 8.793 | 8.781 | 8.816 | HH | 4480       | 84189  | 1.40%  | 0.078% |
| 129 | 8.854 | 8.816 | 8.879 | HH | 6412       | 169547 | 2.82%  | 0.156% |
| 130 | 8.899 | 8.879 | 8.922 | HH | 5261       | 116645 | 1.94%  | 0.108% |
| 131 | 8.953 | 8.922 | 8.961 | HH | 5157       | 109337 | 1.82%  | 0.101% |
| 132 | 8.992 | 8.961 | 9.022 | HH | 6330       | 193740 | 3.22%  | 0.179% |
| 133 | 9.041 | 9.022 | 9.060 | HH | 5555       | 112558 | 1.87%  | 0.104% |
| 134 | 9.083 | 9.060 | 9.132 | HH | 14208      | 401794 | 6.68%  | 0.370% |
| 135 | 9.152 | 9.132 | 9.187 | HH | 7544       | 222796 | 3.71%  | 0.205% |
| 136 | 9.196 | 9.187 | 9.202 | HH | 5607       | 52503  | 0.87%  | 0.048% |
| 137 | 9.223 | 9.202 | 9.261 | HH | 7534       | 236049 | 3.93%  | 0.218% |
| 138 | 9.269 | 9.261 | 9.332 | HH | 6598       | 239939 | 3.99%  | 0.221% |
| 139 | 9.345 | 9.332 | 9.374 | HH | 4988       | 120986 | 2.01%  | 0.112% |
| 140 | 9.409 | 9.374 | 9.424 | HH | 6433       | 168195 | 2.80%  | 0.155% |
| 141 | 9.439 | 9.424 | 9.464 | HH | 6715       | 145637 | 2.42%  | 0.134% |

| rteres.txt |        |        |        |    |        |         |        |        |
|------------|--------|--------|--------|----|--------|---------|--------|--------|
| 142        | 9.489  | 9.464  | 9.550  | HH | 15530  | 408448  | 6.79%  | 0.377% |
| 143        | 9.565  | 9.550  | 9.574  | HH | 5800   | 81898   | 1.36%  | 0.075% |
| 144        | 9.585  | 9.574  | 9.621  | HH | 5846   | 152977  | 2.54%  | 0.141% |
| 145        | 9.649  | 9.621  | 9.688  | HH | 7318   | 246897  | 4.11%  | 0.228% |
| 146        | 9.694  | 9.688  | 9.740  | HH | 5323   | 154832  | 2.58%  | 0.143% |
| 147        | 9.754  | 9.740  | 9.766  | HH | 4833   | 74368   | 1.24%  | 0.069% |
| 148        | 9.770  | 9.766  | 9.776  | HH | 4871   | 26583   | 0.44%  | 0.025% |
| 149        | 9.790  | 9.776  | 9.801  | HH | 4866   | 72416   | 1.20%  | 0.067% |
| 150        | 9.834  | 9.801  | 9.849  | HH | 8179   | 193011  | 3.21%  | 0.178% |
| 151        | 9.874  | 9.849  | 9.902  | HH | 10145  | 251197  | 4.18%  | 0.232% |
| 152        | 9.921  | 9.902  | 9.942  | HH | 7834   | 170412  | 2.83%  | 0.157% |
| 153        | 9.965  | 9.942  | 9.989  | HH | 8831   | 219563  | 3.65%  | 0.202% |
| 154        | 10.014 | 9.989  | 10.044 | HH | 8812   | 245124  | 4.08%  | 0.226% |
| 155        | 10.073 | 10.044 | 10.104 | HH | 8196   | 259066  | 4.31%  | 0.239% |
| 156        | 10.126 | 10.104 | 10.140 | HH | 7859   | 158119  | 2.63%  | 0.146% |
| 157        | 10.153 | 10.140 | 10.171 | HH | 7714   | 136743  | 2.27%  | 0.126% |
| 158        | 10.225 | 10.171 | 10.260 | HH | 20983  | 591438  | 9.84%  | 0.545% |
| 159        | 10.294 | 10.260 | 10.371 | HH | 17333  | 669339  | 11.13% | 0.617% |
| 160        | 10.401 | 10.371 | 10.426 | HH | 7147   | 223724  | 3.72%  | 0.206% |
| 161        | 10.468 | 10.426 | 10.532 | HH | 85445  | 1672045 | 27.81% | 1.541% |
| 162        | 10.556 | 10.532 | 10.655 | HH | 27624  | 1048413 | 17.44% | 0.966% |
| 163        | 10.678 | 10.655 | 10.708 | HH | 8810   | 255794  | 4.25%  | 0.236% |
| 164        | 10.726 | 10.708 | 10.759 | HH | 7942   | 228043  | 3.79%  | 0.210% |
| 165        | 10.786 | 10.759 | 10.805 | HH | 7892   | 202758  | 3.37%  | 0.187% |
| 166        | 10.837 | 10.805 | 10.850 | HH | 9917   | 241298  | 4.01%  | 0.222% |
| 167        | 10.868 | 10.850 | 10.892 | HH | 10771  | 240094  | 3.99%  | 0.221% |
| 168        | 10.924 | 10.892 | 10.948 | HH | 21255  | 442673  | 7.36%  | 0.408% |
| 169        | 10.954 | 10.948 | 10.977 | HH | 9196   | 149220  | 2.48%  | 0.138% |
| 170        | 11.009 | 10.977 | 11.049 | HH | 18840  | 537872  | 8.95%  | 0.496% |
| 171        | 11.071 | 11.049 | 11.096 | HH | 9896   | 251170  | 4.18%  | 0.232% |
| 172        | 11.129 | 11.096 | 11.138 | HH | 9857   | 233444  | 3.88%  | 0.215% |
| 173        | 11.165 | 11.138 | 11.184 | HH | 11123  | 284408  | 4.73%  | 0.262% |
| 174        | 11.205 | 11.184 | 11.242 | HH | 9686   | 325995  | 5.42%  | 0.300% |
| 175        | 11.273 | 11.242 | 11.289 | HH | 26666  | 486369  | 8.09%  | 0.448% |
| 176        | 11.306 | 11.289 | 11.347 | HH | 28274  | 653867  | 10.88% | 0.603% |
| 177        | 11.382 | 11.347 | 11.402 | HH | 29536  | 625936  | 10.41% | 0.577% |
| 178        | 11.418 | 11.402 | 11.435 | HH | 24146  | 406435  | 6.76%  | 0.375% |
| 179        | 11.452 | 11.435 | 11.538 | HH | 23642  | 849347  | 14.13% | 0.783% |
| 180        | 11.592 | 11.538 | 11.638 | HH | 22508  | 757845  | 12.61% | 0.699% |
| 181        | 11.697 | 11.638 | 11.730 | HH | 13249  | 639041  | 10.63% | 0.589% |
| 182        | 11.755 | 11.730 | 11.794 | HH | 15041  | 507761  | 8.45%  | 0.468% |
| 183        | 11.805 | 11.794 | 11.846 | HH | 12399  | 352496  | 5.86%  | 0.325% |
| 184        | 11.884 | 11.846 | 11.912 | HH | 11161  | 419185  | 6.97%  | 0.386% |
| 185        | 11.939 | 11.912 | 11.958 | HH | 11758  | 303628  | 5.05%  | 0.280% |
| 186        | 11.970 | 11.958 | 11.981 | HH | 11634  | 157003  | 2.61%  | 0.145% |
| 187        | 12.015 | 11.981 | 12.040 | HH | 13887  | 445274  | 7.41%  | 0.410% |
| 188        | 12.063 | 12.040 | 12.118 | HH | 17161  | 633521  | 10.54% | 0.584% |
| 189        | 12.163 | 12.118 | 12.187 | HH | 38827  | 976779  | 16.25% | 0.900% |
| 190        | 12.203 | 12.187 | 12.212 | HH | 22329  | 310021  | 5.16%  | 0.286% |
| 191        | 12.230 | 12.212 | 12.254 | HH | 34109  | 622317  | 10.35% | 0.574% |
| 192        | 12.278 | 12.254 | 12.362 | HH | 198095 | 3492455 | 58.10% | 3.219% |
| 193        | 12.384 | 12.362 | 12.397 | HH | 14246  | 278860  | 4.64%  | 0.257% |
| 194        | 12.402 | 12.397 | 12.409 | HH | 13423  | 89540   | 1.49%  | 0.083% |

| rteres.txt |        |        |        |    |        |         |        |        |
|------------|--------|--------|--------|----|--------|---------|--------|--------|
| 195        | 12.432 | 12.409 | 12.458 | HH | 23350  | 571145  | 9.50%  | 0.526% |
| 196        | 12.473 | 12.458 | 12.494 | HH | 20679  | 401008  | 6.67%  | 0.370% |
| 197        | 12.502 | 12.494 | 12.517 | HH | 16590  | 217797  | 3.62%  | 0.201% |
| 198        | 12.531 | 12.517 | 12.547 | HH | 16558  | 292634  | 4.87%  | 0.270% |
| 199        | 12.573 | 12.547 | 12.626 | HH | 231069 | 3559749 | 59.21% | 3.281% |
| 200        | 12.640 | 12.626 | 12.659 | HH | 20611  | 374340  | 6.23%  | 0.345% |
| 201        | 12.678 | 12.659 | 12.751 | HH | 24212  | 959169  | 15.96% | 0.884% |
| 202        | 12.770 | 12.751 | 12.814 | HH | 16315  | 545632  | 9.08%  | 0.503% |
| 203        | 12.841 | 12.814 | 12.860 | HH | 25379  | 533702  | 8.88%  | 0.492% |
| 204        | 12.872 | 12.860 | 12.896 | HH | 19306  | 380259  | 6.33%  | 0.351% |
| 205        | 12.915 | 12.896 | 12.954 | HH | 18445  | 552078  | 9.18%  | 0.509% |
| 206        | 12.973 | 12.954 | 12.980 | HH | 16259  | 239846  | 3.99%  | 0.221% |
| 207        | 12.997 | 12.980 | 13.018 | HH | 17645  | 374843  | 6.24%  | 0.346% |
| 208        | 13.045 | 13.018 | 13.110 | HH | 27502  | 1076294 | 17.90% | 0.992% |
| 209        | 13.178 | 13.110 | 13.228 | HH | 31493  | 1516172 | 25.22% | 1.398% |
| 210        | 13.238 | 13.228 | 13.258 | HH | 17446  | 301317  | 5.01%  | 0.278% |
| 211        | 13.286 | 13.258 | 13.299 | HH | 21059  | 448998  | 7.47%  | 0.414% |
| 212        | 13.320 | 13.299 | 13.385 | HH | 34096  | 1150772 | 19.14% | 1.061% |
| 213        | 13.444 | 13.385 | 13.469 | HH | 36675  | 1269309 | 21.11% | 1.170% |
| 214        | 13.489 | 13.469 | 13.537 | HH | 29457  | 894069  | 14.87% | 0.824% |
| 215        | 13.551 | 13.537 | 13.589 | HH | 15886  | 468994  | 7.80%  | 0.432% |
| 216        | 13.592 | 13.589 | 13.599 | HH | 14245  | 83873   | 1.40%  | 0.077% |
| 217        | 13.641 | 13.599 | 13.651 | HH | 17192  | 493975  | 8.22%  | 0.455% |
| 218        | 13.653 | 13.651 | 13.679 | HH | 16742  | 274356  | 4.56%  | 0.253% |
| 219        | 13.683 | 13.679 | 13.741 | HH | 15315  | 547698  | 9.11%  | 0.505% |
| 220        | 13.781 | 13.741 | 13.799 | HH | 16727  | 554188  | 9.22%  | 0.511% |
| 221        | 13.810 | 13.799 | 13.819 | HH | 16102  | 193442  | 3.22%  | 0.178% |
| 222        | 13.839 | 13.819 | 13.852 | HH | 17840  | 335364  | 5.58%  | 0.309% |
| 223        | 13.874 | 13.852 | 13.880 | HH | 19634  | 309146  | 5.14%  | 0.285% |
| 224        | 13.905 | 13.880 | 13.926 | HH | 22379  | 559388  | 9.31%  | 0.516% |
| 225        | 13.946 | 13.926 | 13.965 | HH | 26485  | 545259  | 9.07%  | 0.503% |
| 226        | 13.985 | 13.965 | 14.006 | HH | 29425  | 626906  | 10.43% | 0.578% |
| 227        | 14.012 | 14.006 | 14.062 | HH | 22083  | 645882  | 10.74% | 0.595% |
| 228        | 14.104 | 14.062 | 14.122 | HH | 31077  | 904586  | 15.05% | 0.834% |
| 229        | 14.146 | 14.122 | 14.195 | HH | 43927  | 1342233 | 22.33% | 1.237% |
| 230        | 14.217 | 14.195 | 14.245 | HH | 26410  | 682494  | 11.35% | 0.629% |
| 231        | 14.264 | 14.245 | 14.293 | HH | 26767  | 684094  | 11.38% | 0.631% |
| 232        | 14.322 | 14.293 | 14.399 | HH | 32548  | 1509114 | 25.10% | 1.391% |
| 233        | 14.428 | 14.399 | 14.437 | HH | 28134  | 527915  | 8.78%  | 0.487% |
| 234        | 14.459 | 14.437 | 14.479 | HH | 128153 | 1953343 | 32.49% | 1.801% |
| 235        | 14.500 | 14.479 | 14.567 | HH | 115477 | 3128177 | 52.04% | 2.883% |
| 236        | 14.622 | 14.567 | 14.647 | HH | 32166  | 1282480 | 21.33% | 1.182% |
| 237        | 14.671 | 14.647 | 14.708 | HH | 33636  | 1027864 | 17.10% | 0.947% |
| 238        | 14.712 | 14.708 | 14.743 | HH | 23939  | 485961  | 8.08%  | 0.448% |
| 239        | 14.772 | 14.743 | 14.792 | HH | 26349  | 721680  | 12.00% | 0.665% |
| 240        | 14.818 | 14.792 | 14.881 | HH | 31811  | 1435851 | 23.88% | 1.324% |
| 241        | 14.927 | 14.881 | 14.950 | HH | 29616  | 1091874 | 18.16% | 1.006% |
| 242        | 14.956 | 14.950 | 14.992 | HH | 27007  | 651783  | 10.84% | 0.601% |
| 243        | 15.057 | 14.992 | 15.083 | HH | 78853  | 2188644 | 36.41% | 2.017% |
| 244        | 15.096 | 15.083 | 15.115 | HH | 30619  | 540757  | 9.00%  | 0.498% |
| 245        | 15.140 | 15.115 | 15.164 | HH | 52407  | 1154481 | 19.20% | 1.064% |
| 246        | 15.179 | 15.164 | 15.215 | HH | 36056  | 965181  | 16.06% | 0.890% |

|     |        |        |        |     |                                   |         |         |        |
|-----|--------|--------|--------|-----|-----------------------------------|---------|---------|--------|
|     |        |        |        |     | rteres.txt                        |         |         |        |
| 247 | 15.237 | 15.215 | 15.253 | HH  | 29848                             | 655599  | 10.91%  | 0.604% |
| 248 | 15.283 | 15.253 | 15.288 | HH  | 35325                             | 690217  | 11.48%  | 0.636% |
| 249 | 15.300 | 15.288 | 15.347 | HH  | 36043                             | 1165209 | 19.38%  | 1.074% |
| 250 | 15.365 | 15.347 | 15.402 | HH  | 30159                             | 960756  | 15.98%  | 0.886% |
| 251 | 15.430 | 15.402 | 15.447 | HH  | 28735                             | 749190  | 12.46%  | 0.691% |
| 252 | 15.469 | 15.447 | 15.503 | HH  | 32001                             | 976203  | 16.24%  | 0.900% |
| 253 | 15.509 | 15.503 | 15.515 | HH  | 27445                             | 201361  | 3.35%   | 0.186% |
| 254 | 15.543 | 15.515 | 15.572 | HH  | 39300                             | 1118068 | 18.60%  | 1.031% |
| 255 | 15.592 | 15.572 | 15.626 | HH  | 31725                             | 981360  | 16.32%  | 0.905% |
| 256 | 15.641 | 15.626 | 15.658 | HH  | 29565                             | 574183  | 9.55%   | 0.529% |
| 257 | 15.666 | 15.658 | 15.684 | HH  | 29676                             | 442774  | 7.37%   | 0.408% |
| 258 | 15.710 | 15.684 | 15.721 | HH  | 32700                             | 679590  | 11.30%  | 0.626% |
| 259 | 15.737 | 15.721 | 15.762 | HH  | 33326                             | 784609  | 13.05%  | 0.723% |
| 260 | 15.782 | 15.762 | 15.790 | HH  | 32722                             | 533604  | 8.88%   | 0.492% |
| 261 | 15.834 | 15.790 | 15.871 | HH  | 41166                             | 1790040 | 29.78%  | 1.650% |
| 262 | 15.890 | 15.871 | 15.893 | HH  | 34662                             | 464351  | 7.72%   | 0.428% |
| 263 | 15.930 | 15.893 | 15.950 | HH  | 40629                             | 1287276 | 21.41%  | 1.187% |
| 264 | 15.954 | 15.950 | 15.979 | HH  | 39290                             | 646599  | 10.76%  | 0.596% |
| 265 | 16.023 | 15.979 | 16.129 | HH  | 178817                            | 6011619 | 100.00% | 5.541% |
| 266 | 16.160 | 16.129 | 16.191 | HH  | 57714                             | 1746291 | 29.05%  | 1.610% |
| 267 | 16.201 | 16.191 | 16.234 | HH  | 44349                             | 1062887 | 17.68%  | 0.980% |
| 268 | 16.242 | 16.234 | 16.246 | HH  | 38463                             | 283552  | 4.72%   | 0.261% |
| 269 | 16.293 | 16.246 | 16.319 | HH  | 56004                             | 1991331 | 33.12%  | 1.836% |
| 270 | 16.344 | 16.319 | 16.381 | HH  | 108580                            | 2489883 | 41.42%  | 2.295% |
| 271 | 16.406 | 16.381 | 16.470 | HH  | 134349                            | 3798615 | 63.19%  | 3.501% |
| 272 | 16.491 | 16.470 | 16.500 | HH  | 60489                             | 984218  | 16.37%  | 0.907% |
| 273 | 16.515 | 16.500 | 16.541 | HHA | 65291                             | 1455668 | 24.21%  | 1.342% |
|     |        |        |        |     | Sum of corrected areas: 108485506 |         |         |        |

FF073018.M Fri Aug 10 13:31:59 2018