

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG102918\  
 Data File : FG002686.D  
 Signal(s) : FID1A.ch  
 Acq On : 29 Oct 2018 15:09  
 Sample : J5194-09 10X  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Integration File: Sample.e

Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\FG102618.M  
 Title :

Signal : FID1A.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         | 4.458       | 4.425        | 4.482      | BH       | 974            | 4987         | 0.02%          | 0.003%        |
| 2         | 4.503       | 4.482        | 4.519      | PH       | 1675           | 9971         | 0.03%          | 0.007%        |
| 3         | 4.532       | 4.519        | 4.551      | PH       | 775            | 3641         | 0.01%          | 0.002%        |
| 4         | 4.565       | 4.551        | 4.592      | PH       | 225            | -1362        | -0.00%         | -0.001%       |
| 5         | 4.613       | 4.592        | 4.645      | PH       | 683            | 5586         | 0.02%          | 0.004%        |
| 6         | 4.678       | 4.645        | 4.699      | PH       | 984            | 19308        | 0.06%          | 0.013%        |
| 7         | 4.715       | 4.699        | 4.730      | HH       | 1428           | 12032        | 0.04%          | 0.008%        |
| 8         | 4.745       | 4.730        | 4.759      | PH       | 1236           | 10168        | 0.03%          | 0.007%        |
| 9         | 4.770       | 4.759        | 4.781      | HH       | 510            | 5876         | 0.02%          | 0.004%        |
| 10        | 4.794       | 4.781        | 4.805      | HH       | 965            | 9302         | 0.03%          | 0.006%        |
| 11        | 4.814       | 4.805        | 4.825      | HH       | 726            | 6630         | 0.02%          | 0.004%        |
| 12        | 4.841       | 4.825        | 4.856      | HH       | 2370           | 22321        | 0.07%          | 0.015%        |
| 13        | 4.877       | 4.856        | 4.900      | HH       | 2779           | 36918        | 0.12%          | 0.024%        |
| 14        | 4.916       | 4.900        | 4.926      | HH       | 1993           | 17926        | 0.06%          | 0.012%        |
| 15        | 4.937       | 4.926        | 4.959      | HH       | 2301           | 23708        | 0.08%          | 0.016%        |
| 16        | 4.992       | 4.959        | 5.043      | PH       | 2133           | 27866        | 0.09%          | 0.018%        |
| 17        | 5.072       | 5.043        | 5.081      | PH       | 447            | 3379         | 0.01%          | 0.002%        |
| 18        | 5.106       | 5.081        | 5.136      | HH       | 2732           | 49146        | 0.16%          | 0.032%        |
| 19        | 5.160       | 5.136        | 5.170      | HH       | 1807           | 18367        | 0.06%          | 0.012%        |
| 20        | 5.183       | 5.170        | 5.197      | HH       | 3273           | 31424        | 0.10%          | 0.021%        |
| 21        | 5.208       | 5.197        | 5.225      | HH       | 1727           | 19329        | 0.06%          | 0.013%        |
| 22        | 5.235       | 5.225        | 5.251      | HH       | 907            | 7277         | 0.02%          | 0.005%        |
| 23        | 5.270       | 5.251        | 5.283      | PH       | 375            | 3756         | 0.01%          | 0.002%        |
| 24        | 5.304       | 5.283        | 5.350      | HH       | 1513           | 38345        | 0.13%          | 0.025%        |
| 25        | 5.375       | 5.350        | 5.385      | HH       | 2762           | 37234        | 0.12%          | 0.024%        |
| 26        | 5.396       | 5.385        | 5.412      | HH       | 3021           | 31548        | 0.11%          | 0.021%        |
| 27        | 5.427       | 5.412        | 5.441      | HH       | 1300           | 17410        | 0.06%          | 0.011%        |
| 28        | 5.455       | 5.441        | 5.477      | HH       | 1780           | 21028        | 0.07%          | 0.014%        |
| 29        | 5.505       | 5.477        | 5.519      | HH       | 5236           | 63400        | 0.21%          | 0.042%        |
| 30        | 5.535       | 5.519        | 5.559      | HH       | 6366           | 80901        | 0.27%          | 0.053%        |
| 31        | 5.575       | 5.559        | 5.611      | HH       | 1794           | 29550        | 0.10%          | 0.019%        |
| 32        | 5.639       | 5.611        | 5.671      | HH       | 974            | 25760        | 0.09%          | 0.017%        |
| 33        | 5.693       | 5.671        | 5.711      | HH       | 6234           | 74398        | 0.25%          | 0.049%        |
| 34        | 5.720       | 5.711        | 5.748      | HH       | 2299           | 33327        | 0.11%          | 0.022%        |
| 35        | 5.791       | 5.748        | 5.827      | HH       | 6841           | 159646       | 0.53%          | 0.105%        |
| 36        | 5.844       | 5.827        | 5.863      | HH       | 3624           | 49526        | 0.16%          | 0.032%        |

| rteres.txt |       |       |       |    |       |        |       |        |
|------------|-------|-------|-------|----|-------|--------|-------|--------|
| 37         | 5.881 | 5.863 | 5.898 | HH | 5989  | 75356  | 0.25% | 0.049% |
| 38         | 5.914 | 5.898 | 5.941 | HH | 3397  | 60639  | 0.20% | 0.040% |
| 39         | 5.961 | 5.941 | 5.984 | HH | 4654  | 61288  | 0.20% | 0.040% |
| 40         | 6.008 | 5.984 | 6.035 | HH | 5259  | 100549 | 0.33% | 0.066% |
|            |       |       |       |    |       |        |       |        |
| 41         | 6.059 | 6.035 | 6.075 | HH | 3775  | 60618  | 0.20% | 0.040% |
| 42         | 6.103 | 6.075 | 6.125 | HH | 3564  | 74634  | 0.25% | 0.049% |
| 43         | 6.147 | 6.125 | 6.171 | HH | 3235  | 58922  | 0.20% | 0.039% |
| 44         | 6.192 | 6.171 | 6.219 | HH | 5883  | 111880 | 0.37% | 0.073% |
| 45         | 6.244 | 6.219 | 6.261 | HH | 4386  | 86110  | 0.29% | 0.056% |
|            |       |       |       |    |       |        |       |        |
| 46         | 6.276 | 6.261 | 6.304 | HH | 5025  | 95623  | 0.32% | 0.063% |
| 47         | 6.329 | 6.304 | 6.351 | HH | 5505  | 109313 | 0.36% | 0.072% |
| 48         | 6.371 | 6.351 | 6.388 | HH | 4195  | 67674  | 0.23% | 0.044% |
| 49         | 6.428 | 6.388 | 6.459 | HH | 8062  | 178689 | 0.60% | 0.117% |
| 50         | 6.488 | 6.459 | 6.540 | HH | 8420  | 212592 | 0.71% | 0.139% |
|            |       |       |       |    |       |        |       |        |
| 51         | 6.580 | 6.540 | 6.591 | HH | 3719  | 86415  | 0.29% | 0.057% |
| 52         | 6.606 | 6.591 | 6.621 | HH | 4564  | 68424  | 0.23% | 0.045% |
| 53         | 6.639 | 6.621 | 6.656 | HH | 7310  | 106610 | 0.36% | 0.070% |
| 54         | 6.688 | 6.656 | 6.706 | HH | 7568  | 144389 | 0.48% | 0.095% |
| 55         | 6.713 | 6.706 | 6.726 | HH | 3655  | 39737  | 0.13% | 0.026% |
|            |       |       |       |    |       |        |       |        |
| 56         | 6.770 | 6.726 | 6.790 | HH | 8731  | 181107 | 0.60% | 0.119% |
| 57         | 6.829 | 6.790 | 6.859 | HH | 5733  | 174628 | 0.58% | 0.114% |
| 58         | 6.894 | 6.859 | 6.918 | HH | 19350 | 277915 | 0.93% | 0.182% |
| 59         | 6.932 | 6.918 | 6.940 | HH | 4007  | 46711  | 0.16% | 0.031% |
| 60         | 6.963 | 6.940 | 6.979 | HH | 6109  | 109276 | 0.36% | 0.072% |
|            |       |       |       |    |       |        |       |        |
| 61         | 7.012 | 6.979 | 7.034 | HH | 7232  | 184995 | 0.62% | 0.121% |
| 62         | 7.054 | 7.034 | 7.080 | HH | 10067 | 175323 | 0.58% | 0.115% |
| 63         | 7.122 | 7.080 | 7.176 | HH | 14831 | 403723 | 1.34% | 0.264% |
| 64         | 7.196 | 7.176 | 7.236 | HH | 11727 | 254590 | 0.85% | 0.167% |
| 65         | 7.254 | 7.236 | 7.280 | HH | 10230 | 178426 | 0.59% | 0.117% |
|            |       |       |       |    |       |        |       |        |
| 66         | 7.298 | 7.280 | 7.316 | HH | 6649  | 110949 | 0.37% | 0.073% |
| 67         | 7.328 | 7.316 | 7.360 | HH | 4561  | 112008 | 0.37% | 0.073% |
| 68         | 7.414 | 7.360 | 7.446 | HH | 19234 | 522879 | 1.74% | 0.343% |
| 69         | 7.463 | 7.446 | 7.481 | HH | 8127  | 139542 | 0.46% | 0.091% |
| 70         | 7.492 | 7.481 | 7.532 | HH | 6871  | 181590 | 0.60% | 0.119% |
|            |       |       |       |    |       |        |       |        |
| 71         | 7.545 | 7.532 | 7.555 | HH | 4443  | 58620  | 0.20% | 0.038% |
| 72         | 7.594 | 7.555 | 7.631 | HH | 12596 | 338039 | 1.13% | 0.221% |
| 73         | 7.647 | 7.631 | 7.666 | HH | 8193  | 125844 | 0.42% | 0.082% |
| 74         | 7.691 | 7.666 | 7.703 | HH | 5368  | 98935  | 0.33% | 0.065% |
| 75         | 7.736 | 7.703 | 7.746 | HH | 8884  | 174587 | 0.58% | 0.114% |
|            |       |       |       |    |       |        |       |        |
| 76         | 7.751 | 7.746 | 7.771 | HH | 8334  | 104735 | 0.35% | 0.069% |
| 77         | 7.783 | 7.771 | 7.795 | HH | 6414  | 84250  | 0.28% | 0.055% |
| 78         | 7.807 | 7.795 | 7.828 | HH | 6240  | 112216 | 0.37% | 0.074% |
| 79         | 7.850 | 7.828 | 7.867 | HH | 8416  | 163547 | 0.54% | 0.107% |
| 80         | 7.894 | 7.867 | 7.913 | HH | 8072  | 195960 | 0.65% | 0.128% |
|            |       |       |       |    |       |        |       |        |
| 81         | 7.938 | 7.913 | 7.958 | HH | 9834  | 186755 | 0.62% | 0.122% |
| 82         | 7.986 | 7.958 | 8.007 | HH | 9978  | 219563 | 0.73% | 0.144% |
| 83         | 8.027 | 8.007 | 8.039 | HH | 12711 | 190065 | 0.63% | 0.125% |
| 84         | 8.047 | 8.039 | 8.072 | HH | 11224 | 165178 | 0.55% | 0.108% |
| 85         | 8.111 | 8.072 | 8.155 | HH | 18715 | 458454 | 1.53% | 0.300% |
|            |       |       |       |    |       |        |       |        |
| 86         | 8.168 | 8.155 | 8.185 | HH | 6725  | 114235 | 0.38% | 0.075% |
| 87         | 8.219 | 8.185 | 8.234 | HH | 14329 | 296327 | 0.99% | 0.194% |
| 88         | 8.247 | 8.234 | 8.262 | HH | 12303 | 169994 | 0.57% | 0.111% |
| 89         | 8.288 | 8.262 | 8.320 | HH | 26445 | 486356 | 1.62% | 0.319% |

| rteres.txt |        |        |        |    |       |        |       |        |
|------------|--------|--------|--------|----|-------|--------|-------|--------|
| 90         | 8.347  | 8.320  | 8.365  | HH | 10396 | 253530 | 0.84% | 0.166% |
| 91         | 8.401  | 8.365  | 8.423  | HH | 12146 | 322355 | 1.07% | 0.211% |
| 92         | 8.457  | 8.423  | 8.470  | HH | 10419 | 221914 | 0.74% | 0.145% |
| 93         | 8.481  | 8.470  | 8.494  | HH | 9259  | 120803 | 0.40% | 0.079% |
| 94         | 8.514  | 8.494  | 8.553  | HH | 11905 | 299890 | 1.00% | 0.196% |
| 95         | 8.582  | 8.553  | 8.605  | HH | 8025  | 213802 | 0.71% | 0.140% |
| 96         | 8.619  | 8.605  | 8.632  | HH | 6616  | 96887  | 0.32% | 0.063% |
| 97         | 8.666  | 8.632  | 8.678  | HH | 8825  | 211723 | 0.71% | 0.139% |
| 98         | 8.711  | 8.678  | 8.723  | HH | 9184  | 234068 | 0.78% | 0.153% |
| 99         | 8.742  | 8.723  | 8.767  | HH | 10733 | 256616 | 0.85% | 0.168% |
| 100        | 8.780  | 8.767  | 8.802  | HH | 9528  | 183133 | 0.61% | 0.120% |
| 101        | 8.828  | 8.802  | 8.854  | HH | 20341 | 383631 | 1.28% | 0.251% |
| 102        | 8.881  | 8.854  | 8.898  | HH | 8899  | 205544 | 0.68% | 0.135% |
| 103        | 8.909  | 8.898  | 8.920  | HH | 7788  | 102853 | 0.34% | 0.067% |
| 104        | 8.939  | 8.920  | 8.961  | HH | 11023 | 218584 | 0.73% | 0.143% |
| 105        | 8.977  | 8.961  | 8.997  | HH | 9722  | 178838 | 0.60% | 0.117% |
| 106        | 9.012  | 8.997  | 9.028  | HH | 7885  | 138827 | 0.46% | 0.091% |
| 107        | 9.059  | 9.028  | 9.078  | HH | 10065 | 258006 | 0.86% | 0.169% |
| 108        | 9.114  | 9.078  | 9.137  | HH | 37601 | 579250 | 1.93% | 0.379% |
| 109        | 9.149  | 9.137  | 9.184  | HH | 10986 | 244421 | 0.81% | 0.160% |
| 110        | 9.202  | 9.184  | 9.230  | HH | 8997  | 215839 | 0.72% | 0.141% |
| 111        | 9.267  | 9.230  | 9.285  | HH | 10030 | 259000 | 0.86% | 0.170% |
| 112        | 9.299  | 9.285  | 9.311  | HH | 8348  | 113935 | 0.38% | 0.075% |
| 113        | 9.321  | 9.311  | 9.332  | HH | 7593  | 94657  | 0.32% | 0.062% |
| 114        | 9.350  | 9.332  | 9.367  | HH | 9391  | 168885 | 0.56% | 0.111% |
| 115        | 9.403  | 9.367  | 9.425  | HH | 10907 | 287937 | 0.96% | 0.189% |
| 116        | 9.447  | 9.425  | 9.467  | HH | 8257  | 191144 | 0.64% | 0.125% |
| 117        | 9.491  | 9.467  | 9.525  | HH | 13992 | 361362 | 1.20% | 0.237% |
| 118        | 9.535  | 9.525  | 9.546  | HH | 8821  | 103632 | 0.35% | 0.068% |
| 119        | 9.571  | 9.546  | 9.598  | HH | 13775 | 334105 | 1.11% | 0.219% |
| 120        | 9.622  | 9.598  | 9.643  | HH | 10544 | 246993 | 0.82% | 0.162% |
| 121        | 9.674  | 9.643  | 9.706  | HH | 11500 | 353445 | 1.18% | 0.232% |
| 122        | 9.731  | 9.706  | 9.758  | HH | 7536  | 226073 | 0.75% | 0.148% |
| 123        | 9.772  | 9.758  | 9.790  | HH | 7128  | 133025 | 0.44% | 0.087% |
| 124        | 9.812  | 9.790  | 9.822  | HH | 8745  | 151418 | 0.50% | 0.099% |
| 125        | 9.853  | 9.822  | 9.874  | HH | 11074 | 290764 | 0.97% | 0.190% |
| 126        | 9.897  | 9.874  | 9.948  | HH | 41236 | 705124 | 2.35% | 0.462% |
| 127        | 9.973  | 9.948  | 9.990  | HH | 8015  | 197176 | 0.66% | 0.129% |
| 128        | 10.004 | 9.990  | 10.043 | HH | 8280  | 225403 | 0.75% | 0.148% |
| 129        | 10.072 | 10.043 | 10.122 | HH | 8573  | 333005 | 1.11% | 0.218% |
| 130        | 10.136 | 10.122 | 10.154 | HH | 6817  | 128545 | 0.43% | 0.084% |
| 131        | 10.173 | 10.154 | 10.207 | HH | 7835  | 223841 | 0.75% | 0.147% |
| 132        | 10.242 | 10.207 | 10.262 | HH | 10269 | 280581 | 0.93% | 0.184% |
| 133        | 10.287 | 10.262 | 10.316 | HH | 21595 | 436682 | 1.45% | 0.286% |
| 134        | 10.340 | 10.316 | 10.356 | HH | 11377 | 225169 | 0.75% | 0.148% |
| 135        | 10.374 | 10.356 | 10.396 | HH | 12371 | 244188 | 0.81% | 0.160% |
| 136        | 10.431 | 10.396 | 10.461 | HH | 11385 | 353668 | 1.18% | 0.232% |
| 137        | 10.485 | 10.461 | 10.525 | HH | 8158  | 290800 | 0.97% | 0.191% |
| 138        | 10.546 | 10.525 | 10.601 | HH | 9103  | 381494 | 1.27% | 0.250% |
| 139        | 10.638 | 10.601 | 10.675 | HH | 44423 | 762138 | 2.54% | 0.499% |
| 140        | 10.711 | 10.675 | 10.741 | HH | 23321 | 560759 | 1.87% | 0.367% |
| 141        | 10.758 | 10.741 | 10.795 | HH | 9163  | 262495 | 0.87% | 0.172% |

|     |        |        |        |    | rteres.txt |          |         |         |
|-----|--------|--------|--------|----|------------|----------|---------|---------|
| 142 | 10.855 | 10.795 | 10.870 | HH | 7965       | 325380   | 1.08%   | 0.213%  |
| 143 | 10.894 | 10.870 | 10.937 | HH | 15865      | 390753   | 1.30%   | 0.256%  |
| 144 | 10.969 | 10.937 | 11.000 | HH | 13377      | 379854   | 1.27%   | 0.249%  |
| 145 | 11.033 | 11.000 | 11.074 | HH | 11749      | 411019   | 1.37%   | 0.269%  |
| 146 | 11.094 | 11.074 | 11.129 | HH | 10076      | 282055   | 0.94%   | 0.185%  |
| 147 | 11.147 | 11.129 | 11.167 | HH | 10017      | 188724   | 0.63%   | 0.124%  |
| 148 | 11.203 | 11.167 | 11.225 | HH | 8509       | 274936   | 0.92%   | 0.180%  |
| 149 | 11.259 | 11.225 | 11.274 | HH | 8484       | 228380   | 0.76%   | 0.150%  |
| 150 | 11.290 | 11.274 | 11.314 | HH | 8701       | 198784   | 0.66%   | 0.130%  |
| 151 | 11.344 | 11.314 | 11.378 | HH | 40980      | 666746   | 2.22%   | 0.437%  |
| 152 | 11.391 | 11.378 | 11.405 | HH | 9724       | 150335   | 0.50%   | 0.098%  |
| 153 | 11.435 | 11.405 | 11.477 | HH | 20124      | 518302   | 1.73%   | 0.340%  |
| 154 | 11.493 | 11.477 | 11.518 | HH | 8183       | 191201   | 0.64%   | 0.125%  |
| 155 | 11.547 | 11.518 | 11.568 | HH | 9449       | 243646   | 0.81%   | 0.160%  |
| 156 | 11.590 | 11.568 | 11.611 | HH | 8519       | 206296   | 0.69%   | 0.135%  |
| 157 | 11.639 | 11.611 | 11.677 | HH | 10499      | 361570   | 1.20%   | 0.237%  |
| 158 | 11.700 | 11.677 | 11.716 | HH | 12307      | 241227   | 0.80%   | 0.158%  |
| 159 | 11.734 | 11.716 | 11.766 | HH | 13433      | 320371   | 1.07%   | 0.210%  |
| 160 | 11.782 | 11.766 | 11.805 | HH | 9915       | 224164   | 0.75%   | 0.147%  |
| 161 | 11.823 | 11.805 | 11.838 | HH | 11346      | 207394   | 0.69%   | 0.136%  |
| 162 | 11.849 | 11.838 | 11.865 | HH | 11628      | 169019   | 0.56%   | 0.111%  |
| 163 | 11.881 | 11.865 | 11.891 | HH | 11574      | 159973   | 0.53%   | 0.105%  |
| 164 | 11.905 | 11.891 | 11.938 | HH | 13541      | 287741   | 0.96%   | 0.189%  |
| 165 | 11.959 | 11.938 | 11.975 | HH | 8427       | 179902   | 0.60%   | 0.118%  |
| 166 | 12.018 | 11.975 | 12.040 | HH | 35756      | 687007   | 2.29%   | 0.450%  |
| 167 | 12.072 | 12.040 | 12.155 | HH | 492970     | 6169199  | 20.55%  | 4.042%  |
| 168 | 12.173 | 12.155 | 12.192 | HH | 9019       | 184114   | 0.61%   | 0.121%  |
| 169 | 12.211 | 12.192 | 12.222 | HH | 9081       | 155838   | 0.52%   | 0.102%  |
| 170 | 12.263 | 12.222 | 12.306 | HH | 34109      | 747833   | 2.49%   | 0.490%  |
| 171 | 12.317 | 12.306 | 12.341 | HH | 9993       | 201880   | 0.67%   | 0.132%  |
| 172 | 12.355 | 12.341 | 12.370 | HH | 10013      | 156385   | 0.52%   | 0.102%  |
| 173 | 12.392 | 12.370 | 12.414 | HH | 10828      | 268372   | 0.89%   | 0.176%  |
| 174 | 12.432 | 12.414 | 12.467 | HH | 12018      | 320969   | 1.07%   | 0.210%  |
| 175 | 12.508 | 12.467 | 12.525 | HH | 11661      | 366411   | 1.22%   | 0.240%  |
| 176 | 12.538 | 12.525 | 12.558 | HH | 11796      | 207107   | 0.69%   | 0.136%  |
| 177 | 12.605 | 12.558 | 12.625 | HH | 14278      | 436324   | 1.45%   | 0.286%  |
| 178 | 12.658 | 12.625 | 12.688 | HH | 34929      | 694511   | 2.31%   | 0.455%  |
| 179 | 12.720 | 12.688 | 12.769 | HH | 26009      | 666734   | 2.22%   | 0.437%  |
| 180 | 12.780 | 12.769 | 12.785 | HH | 9001       | 85844    | 0.29%   | 0.056%  |
| 181 | 12.803 | 12.785 | 12.818 | HH | 9376       | 182170   | 0.61%   | 0.119%  |
| 182 | 12.827 | 12.818 | 12.837 | HH | 9505       | 106419   | 0.35%   | 0.070%  |
| 183 | 12.854 | 12.837 | 12.892 | HH | 10311      | 320598   | 1.07%   | 0.210%  |
| 184 | 12.916 | 12.892 | 12.935 | HH | 12024      | 277885   | 0.93%   | 0.182%  |
| 185 | 12.965 | 12.935 | 13.002 | HH | 12451      | 435559   | 1.45%   | 0.285%  |
| 186 | 13.022 | 13.002 | 13.051 | HH | 25588      | 473175   | 1.58%   | 0.310%  |
| 187 | 13.110 | 13.051 | 13.139 | HH | 1870742    | 30022323 | 100.00% | 19.669% |
| 188 | 13.160 | 13.139 | 13.229 | HH | 1086828    | 13837862 | 46.09%  | 9.066%  |
| 189 | 13.294 | 13.229 | 13.309 | HH | 77507      | 1545428  | 5.15%   | 1.012%  |
| 190 | 13.332 | 13.309 | 13.405 | HH | 228162     | 3973227  | 13.23%  | 2.603%  |
| 191 | 13.421 | 13.405 | 13.437 | HH | 15101      | 265082   | 0.88%   | 0.174%  |
| 192 | 13.451 | 13.437 | 13.467 | HH | 14348      | 243812   | 0.81%   | 0.160%  |
| 193 | 13.504 | 13.467 | 13.533 | HH | 21155      | 636285   | 2.12%   | 0.417%  |
| 194 | 13.554 | 13.533 | 13.572 | HH | 14558      | 330188   | 1.10%   | 0.216%  |

|     |        |        |        |    |            |         |       |        |
|-----|--------|--------|--------|----|------------|---------|-------|--------|
|     |        |        |        |    | rteres.txt |         |       |        |
| 195 | 13.622 | 13.572 | 13.645 | HH | 28210      | 796207  | 2.65% | 0.522% |
| 196 | 13.661 | 13.645 | 13.685 | HH | 15176      | 343139  | 1.14% | 0.225% |
| 197 | 13.736 | 13.685 | 13.752 | HH | 20229      | 656287  | 2.19% | 0.430% |
| 198 | 13.766 | 13.752 | 13.782 | HH | 17972      | 295219  | 0.98% | 0.193% |
| 199 | 13.795 | 13.782 | 13.835 | HH | 16687      | 493099  | 1.64% | 0.323% |
| 200 | 13.863 | 13.835 | 13.884 | HH | 29956      | 617584  | 2.06% | 0.405% |
| 201 | 13.897 | 13.884 | 13.922 | HH | 20803      | 418529  | 1.39% | 0.274% |
| 202 | 13.935 | 13.922 | 13.956 | HH | 17287      | 341040  | 1.14% | 0.223% |
| 203 | 13.981 | 13.956 | 14.032 | HH | 17109      | 713519  | 2.38% | 0.467% |
| 204 | 14.096 | 14.032 | 14.108 | HH | 18371      | 747853  | 2.49% | 0.490% |
| 205 | 14.128 | 14.108 | 14.155 | HH | 26199      | 638966  | 2.13% | 0.419% |
| 206 | 14.166 | 14.155 | 14.208 | HH | 22678      | 611186  | 2.04% | 0.400% |
| 207 | 14.244 | 14.208 | 14.258 | HH | 21756      | 593618  | 1.98% | 0.389% |
| 208 | 14.275 | 14.258 | 14.292 | HH | 24052      | 431535  | 1.44% | 0.283% |
| 209 | 14.340 | 14.292 | 14.394 | HH | 40804      | 1639480 | 5.46% | 1.074% |
| 210 | 14.423 | 14.394 | 14.461 | HH | 48617      | 1190981 | 3.97% | 0.780% |
| 211 | 14.485 | 14.461 | 14.516 | HH | 41716      | 908312  | 3.03% | 0.595% |
| 212 | 14.542 | 14.516 | 14.573 | HH | 25214      | 744663  | 2.48% | 0.488% |
| 213 | 14.596 | 14.573 | 14.615 | HH | 26280      | 559608  | 1.86% | 0.367% |
| 214 | 14.642 | 14.615 | 14.698 | HH | 26879      | 1055369 | 3.52% | 0.691% |
| 215 | 14.716 | 14.698 | 14.732 | HH | 20675      | 393440  | 1.31% | 0.258% |
| 216 | 14.766 | 14.732 | 14.794 | HH | 29349      | 880257  | 2.93% | 0.577% |
| 217 | 14.814 | 14.794 | 14.839 | HH | 21825      | 568653  | 1.89% | 0.373% |
| 218 | 14.860 | 14.839 | 14.876 | HH | 22214      | 453359  | 1.51% | 0.297% |
| 219 | 14.906 | 14.876 | 14.924 | HH | 28183      | 686405  | 2.29% | 0.450% |
| 220 | 14.964 | 14.924 | 15.002 | HH | 36129      | 1322273 | 4.40% | 0.866% |
| 221 | 15.027 | 15.002 | 15.041 | HH | 23986      | 542767  | 1.81% | 0.356% |
| 222 | 15.062 | 15.041 | 15.094 | HH | 24344      | 756217  | 2.52% | 0.495% |
| 223 | 15.114 | 15.094 | 15.144 | HH | 24403      | 686268  | 2.29% | 0.450% |
| 224 | 15.157 | 15.144 | 15.187 | HH | 22903      | 586259  | 1.95% | 0.384% |
| 225 | 15.226 | 15.187 | 15.260 | HH | 24956      | 1038502 | 3.46% | 0.680% |
| 226 | 15.284 | 15.260 | 15.298 | HH | 25352      | 565509  | 1.88% | 0.370% |
| 227 | 15.317 | 15.298 | 15.338 | HH | 26220      | 611529  | 2.04% | 0.401% |
| 228 | 15.354 | 15.338 | 15.390 | HH | 28472      | 805704  | 2.68% | 0.528% |
| 229 | 15.401 | 15.390 | 15.451 | HH | 24756      | 870200  | 2.90% | 0.570% |
| 230 | 15.493 | 15.451 | 15.523 | HH | 35258      | 1197955 | 3.99% | 0.785% |
| 231 | 15.551 | 15.523 | 15.572 | HH | 41276      | 936298  | 3.12% | 0.613% |
| 232 | 15.583 | 15.572 | 15.605 | HH | 30132      | 558514  | 1.86% | 0.366% |
| 233 | 15.621 | 15.605 | 15.654 | HH | 27319      | 781215  | 2.60% | 0.512% |
| 234 | 15.676 | 15.654 | 15.694 | HH | 27128      | 633374  | 2.11% | 0.415% |
| 235 | 15.751 | 15.694 | 15.788 | HH | 29508      | 1580825 | 5.27% | 1.036% |
| 236 | 15.820 | 15.788 | 15.848 | HH | 28481      | 1001743 | 3.34% | 0.656% |
| 237 | 15.879 | 15.848 | 15.901 | HH | 29624      | 908920  | 3.03% | 0.595% |
| 238 | 15.915 | 15.901 | 15.932 | HH | 29435      | 541407  | 1.80% | 0.355% |
| 239 | 15.946 | 15.932 | 15.961 | HH | 29502      | 490970  | 1.64% | 0.322% |
| 240 | 15.997 | 15.961 | 16.040 | HH | 45238      | 1649010 | 5.49% | 1.080% |
| 241 | 16.056 | 16.040 | 16.080 | HH | 32625      | 740162  | 2.47% | 0.485% |
| 242 | 16.098 | 16.080 | 16.125 | HH | 30946      | 824469  | 2.75% | 0.540% |
| 243 | 16.167 | 16.125 | 16.184 | HH | 49673      | 1359063 | 4.53% | 0.890% |
| 244 | 16.202 | 16.184 | 16.258 | HH | 48104      | 1693076 | 5.64% | 1.109% |
| 245 | 16.295 | 16.258 | 16.322 | HH | 37274      | 1371842 | 4.57% | 0.899% |
| 246 | 16.375 | 16.322 | 16.422 | HH | 38431      | 2212095 | 7.37% | 1.449% |

|     |        |        |        |    |            |         |       |        |
|-----|--------|--------|--------|----|------------|---------|-------|--------|
|     |        |        |        |    | rteres.txt |         |       |        |
| 247 | 16.480 | 16.422 | 16.521 | HH | 55392      | 2467464 | 8.22% | 1.617% |
| 248 | 16.543 | 16.521 | 16.559 | HH | 41829      | 916615  | 3.05% | 0.601% |
| 249 | 16.607 | 16.559 | 16.619 | HH | 43257      | 1473566 | 4.91% | 0.965% |
| 250 | 16.647 | 16.619 | 16.680 | HH | 43457      | 1534873 | 5.11% | 1.006% |
| 251 | 16.700 | 16.680 | 16.712 | HH | 43181      | 782162  | 2.61% | 0.512% |
| 252 | 16.718 | 16.712 | 16.737 | HH | 41501      | 617086  | 2.06% | 0.404% |
| 253 | 16.797 | 16.737 | 16.816 | HH | 80607      | 2513892 | 8.37% | 1.647% |
| 254 | 16.836 | 16.816 | 16.898 | HH | 93485      | 2897353 | 9.65% | 1.898% |
| 255 | 16.952 | 16.898 | 16.969 | HH | 60741      | 2110929 | 7.03% | 1.383% |

Sum of corrected areas: 152639098

FG102618.M Tue Oct 30 08:55:21 2018